



Measurement Report

08/09/2024 09:31:02

Report Info:

Test Plan: C:\Projects\Yeti\Yeti test plans\WLAN g_non-sig TX_CH 1,3,6,8,11,13_6,24,54Mbps.rstp
User: kurekai
Comment:
Test Executive: R&S CMWrun 1.9.11
Instrument ID 1: Rohde&Schwarz,CMW,1201.0002k50/167264,4.0.191
Options: H051H, H052S, H054P, H055P, H090H, H100H, H500I, H500I, H540I, H550N, H554N, H570H, H570H, H570H, H590D, H590D, H600B, H605A, H612A, H660H, H661H, H690B, B554N, KB036, KB036, KB036, KB036, KM010, KM200, KM400, KM500, KM610, KM611, KM650, KM651, KM656, KS600, KS610, KS611, KS650, KS651, KS660, KW500, KW650, KW656,

Summary:

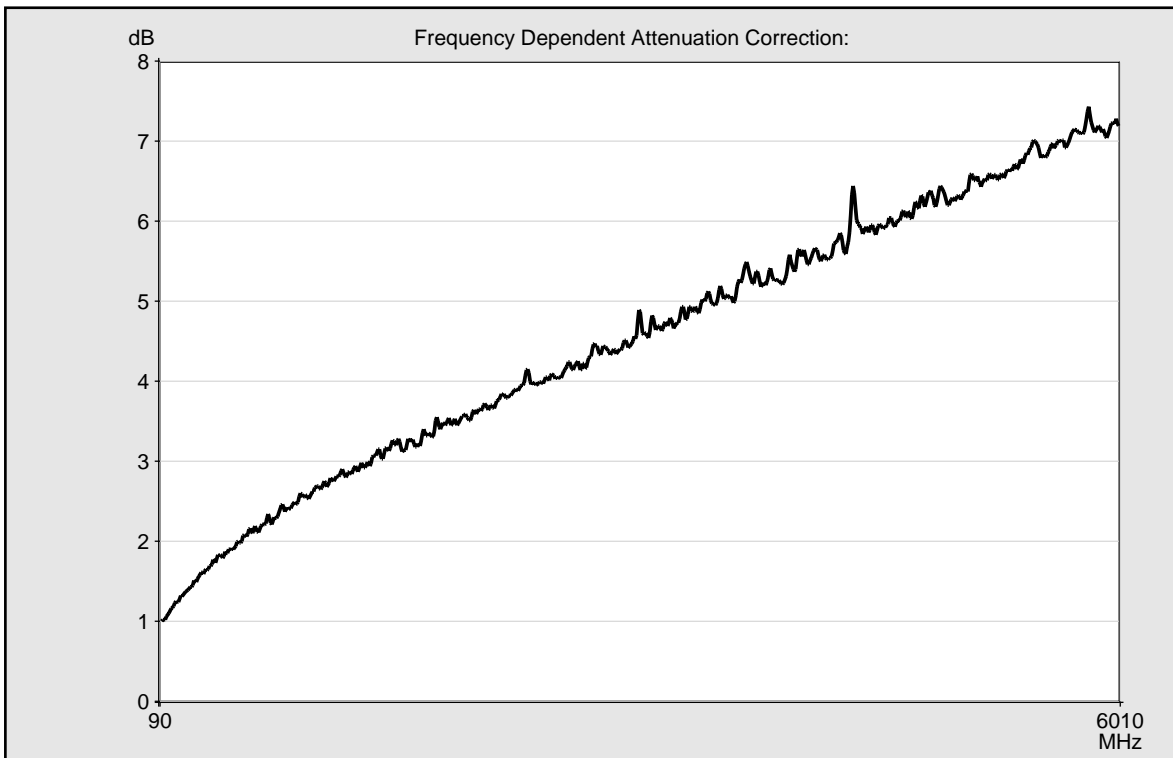
Test Start Time: 08/09/2024 09:31:02
Test End Time: 08/09/2024 09:35:24
Total Test Time: 00:04:22
Weighted Test Time: 00:04:22
Tests Passed: 401
Tests Failed: 13
Number of Tests: 414
Errors: 0
Warnings: 0

Basic Initiation: Initialization of Instrument.

Instrument reset:

CMW - Done !

Attenuation Tables: Set Tables



— RF1 COM IN: "Long cable"

Serial Open Port: Open

Serial Command: Send

ifconfig wlan0 down
calibrator wlan0 plt power_mode on

Serial Command: Send

calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 1 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 5 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx

WLAN Signaling Tx Measurement: TX Measurement

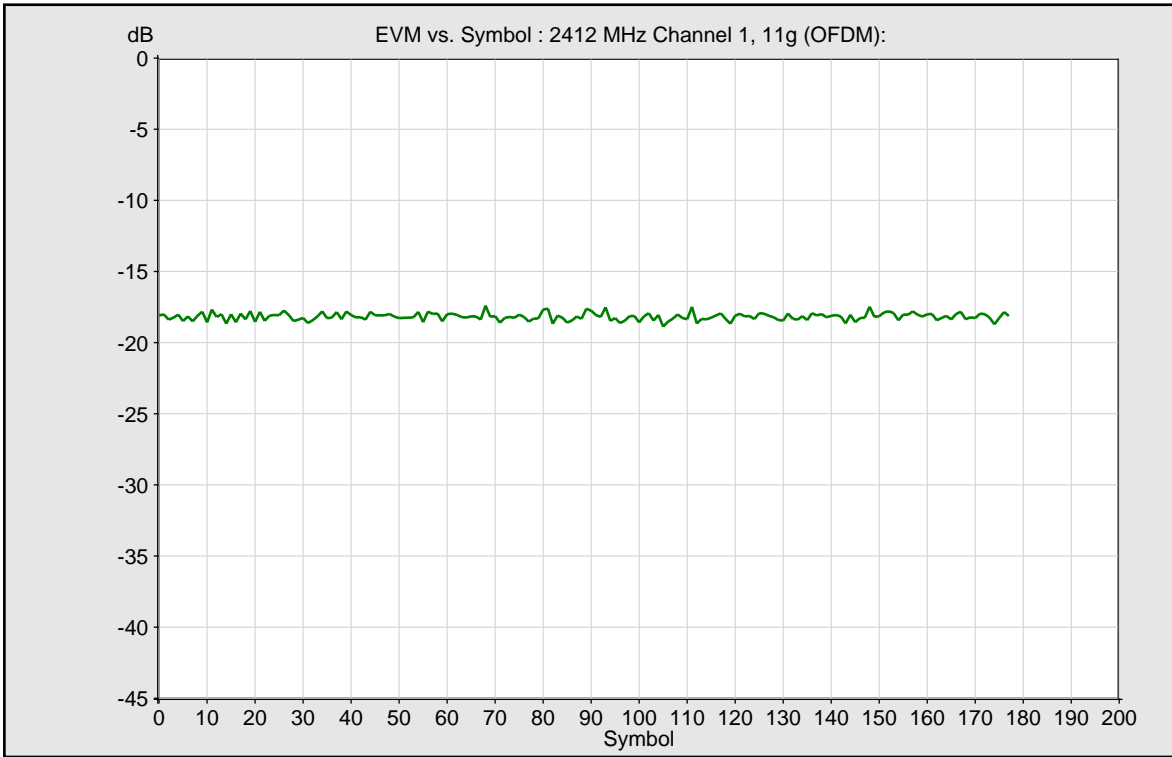
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2412 MHz (Channel 1), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			6 Mbps, BPSK 1/2	---	
Payload Length	16	1366	178	symbol	Passed
Burst Power (Average)	-100	30	17.00	dBm	Passed
EVM All Carriers (Average)		-5	-17.67	dB	Passed
EVM Data Carriers (Average)		-5	-17.57	dB	Passed
EVM Pilot Carriers (Average)		-8	-19.11	dB	Passed
Center Frequency Error (Average)	-60000	60000	22078.46	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.38	ppm	Passed
IQ Offset (Average)		-15	-28.50	dB	Passed
Gain Imbalance (Average)	-140	0	-0.22	dB	Passed
Quadrature Error (Average)	-180	180	-1.28	deg	Passed

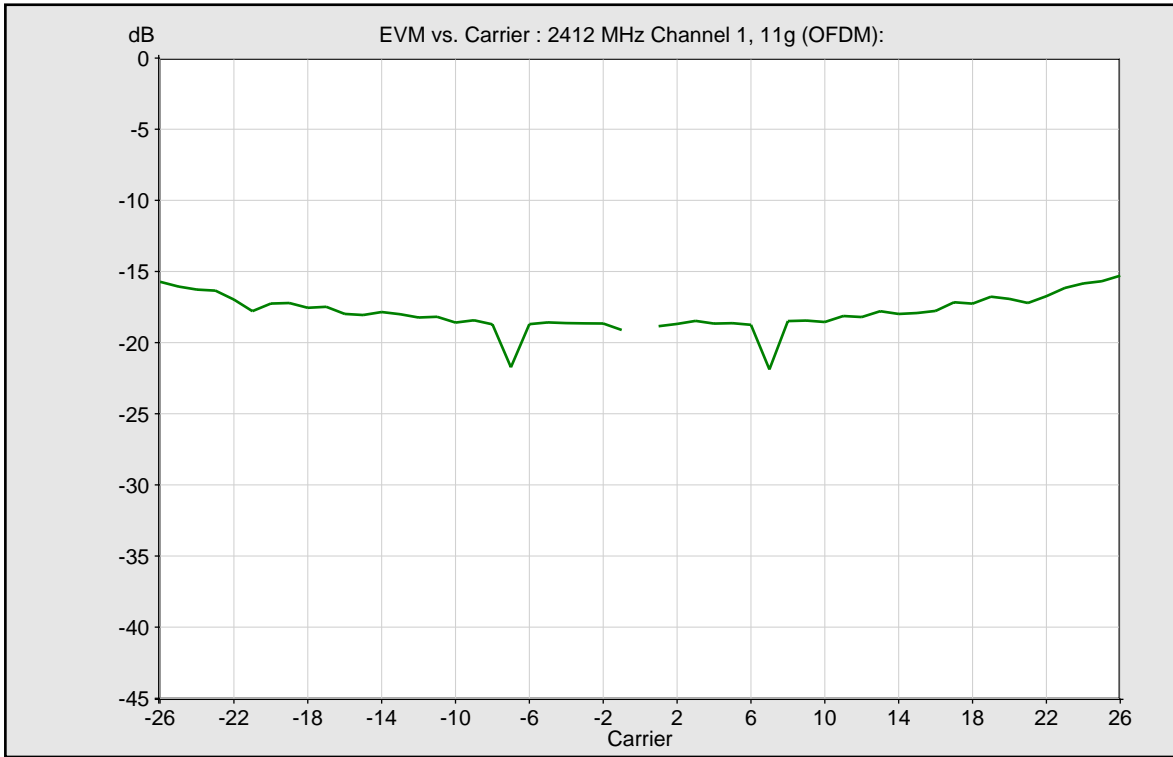
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.20	dB	Passed
Lower Margin Left Side (Average)	-6		-0.45	dB	Passed
Lower Margin Left Center (Average)	-4		-2.44	dB	Passed
Lower Margin Right Center (Average)	-4		-3.21	dB	Passed
Lower Margin Right Side (Average)	-6		-1.59	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-18.58	dB	Passed
Margin BC (Average)		0.00	-17.48	dB	Passed

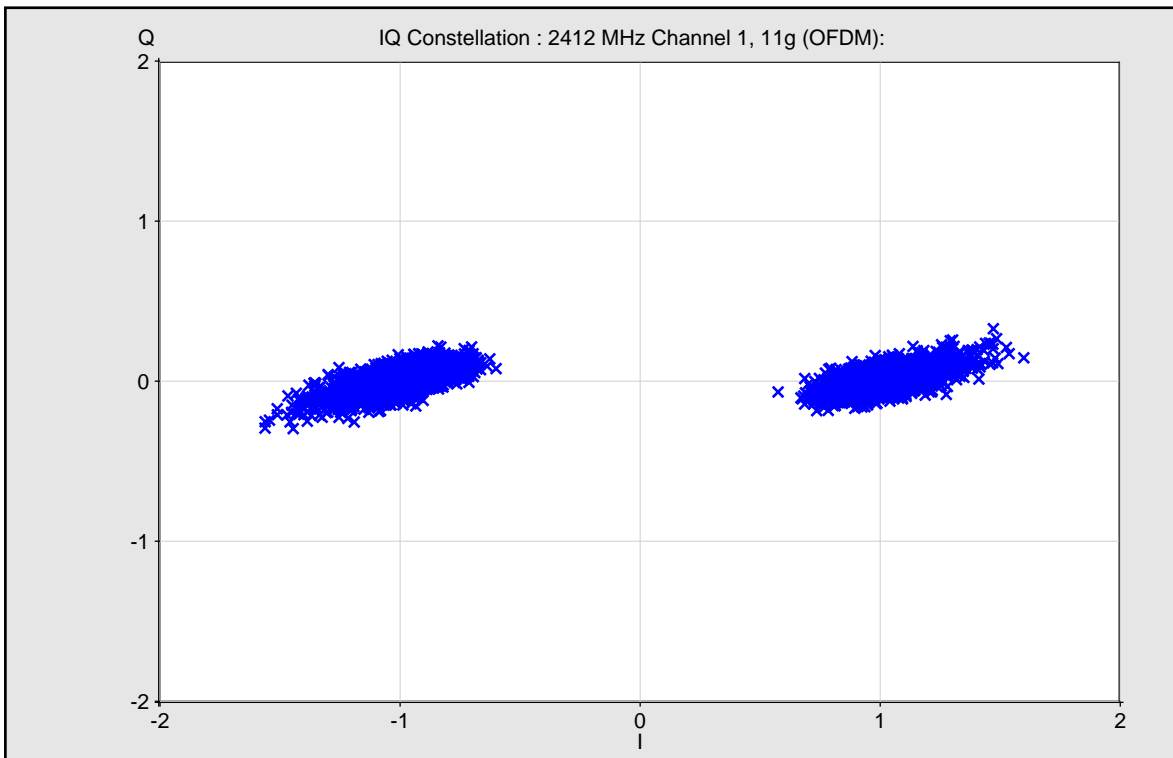
Margin CD (Average)		0.00	-12.06	dB	Passed
Margin DE (Average)		0.00	-11.50	dB	Passed
Margin ED (Average)		0.00	-7.61	dB	Passed
Margin DC (Average)		0.00	-7.61	dB	Passed
Margin CB (Average)		0.00	-11.02	dB	Passed
Margin BA (Average)		0.00	-11.88	dB	Passed
Occupied Bandwidth (Average)			16.41	MHz	

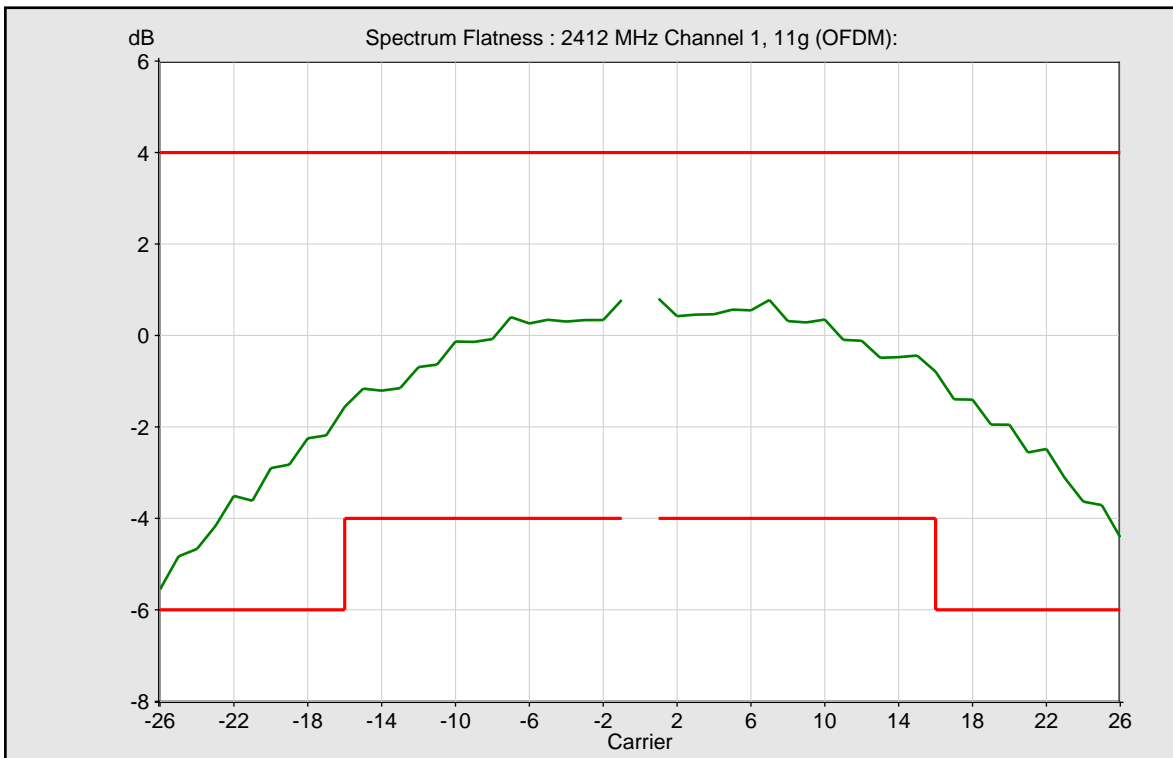


— Average

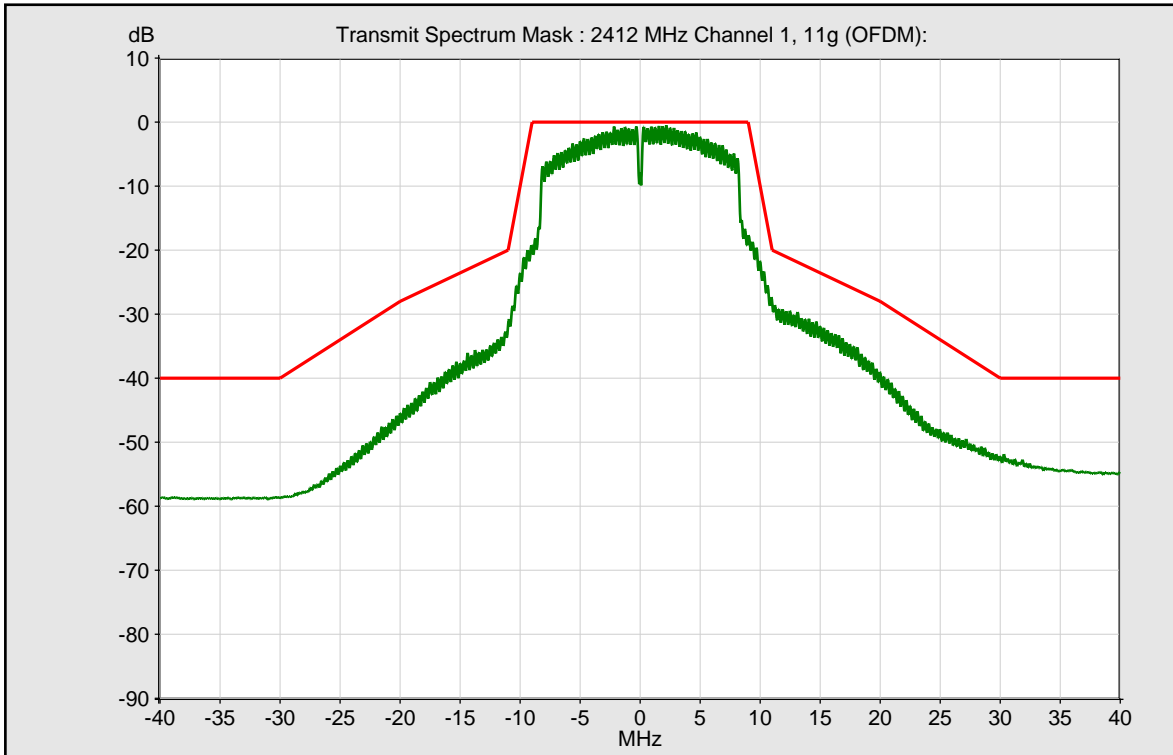


— Average

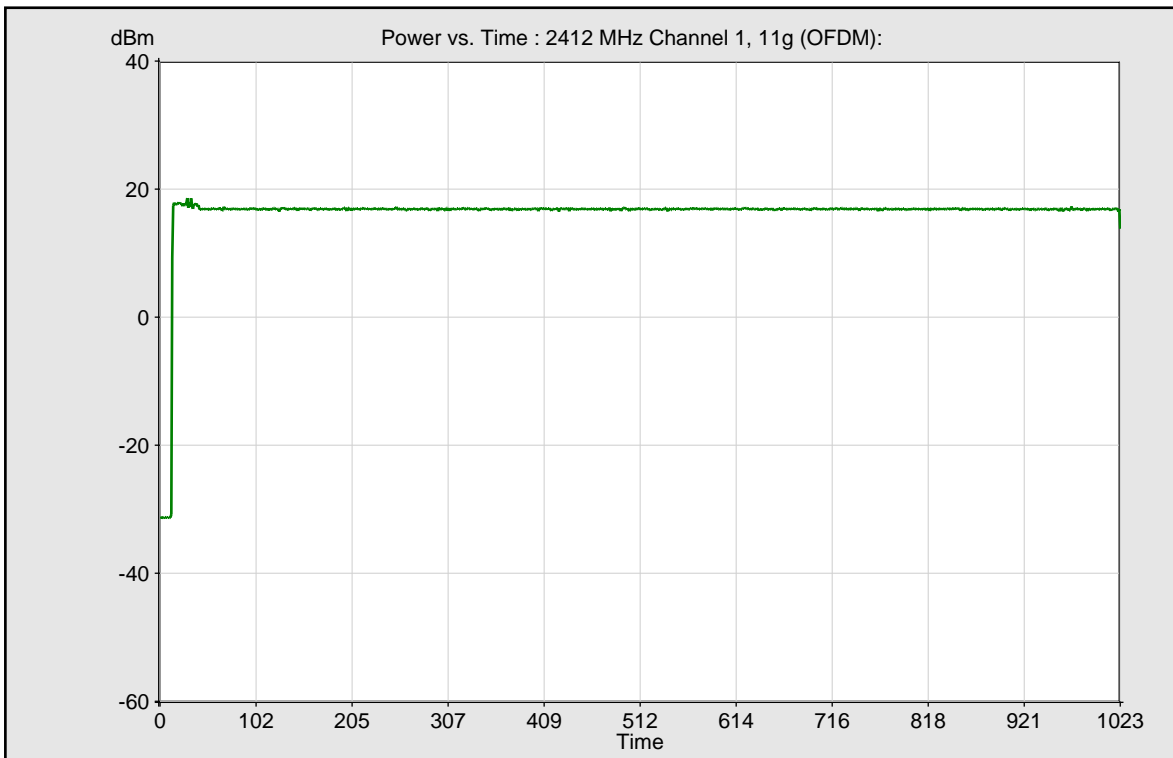




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 1 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 9 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

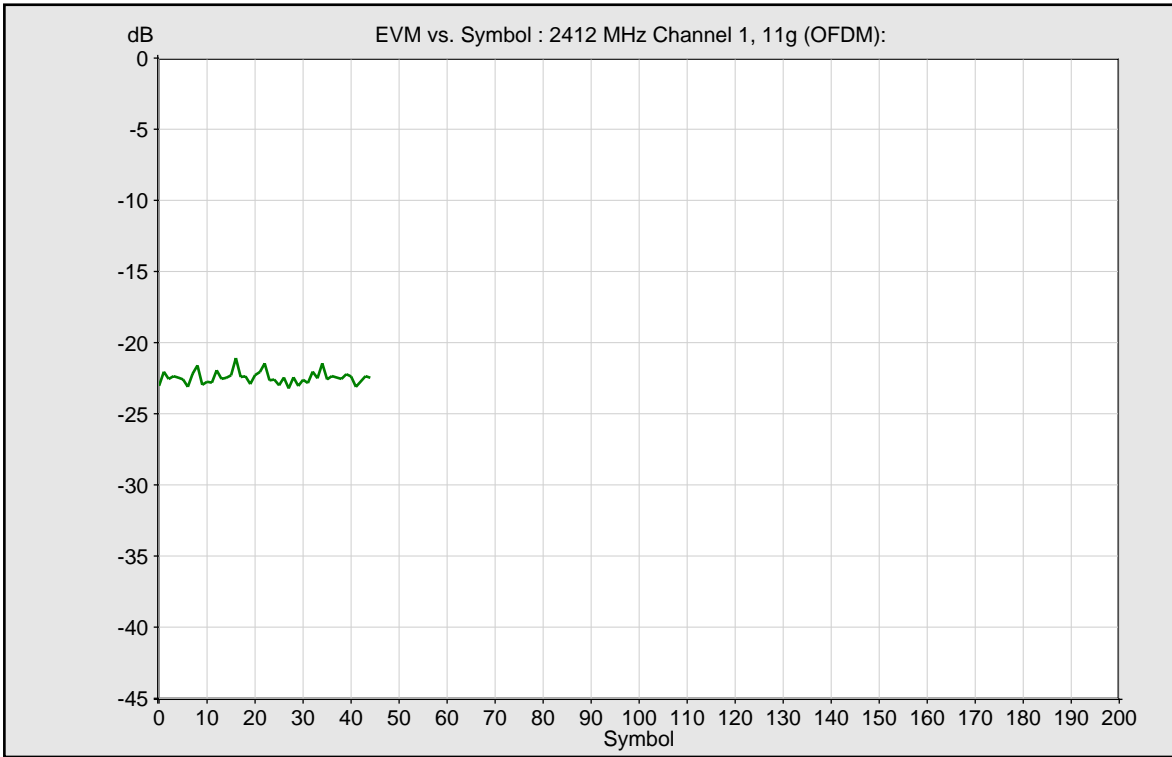
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2412 MHz (Channel 1), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			24 Mbps, 16-QAM 1/2	---	
Payload Length	16	1366	45	symbol	Passed
Burst Power (Average)	-100	30	15.78	dBm	Passed
EVM All Carriers (Average)		-16	-21.28	dB	Passed
EVM Data Carriers (Average)		-16	-21.16	dB	Passed
EVM Pilot Carriers (Average)		-8	-23.14	dB	Passed
Center Frequency Error (Average)	-60000	60000	21790.77	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.33	ppm	Passed
IQ Offset (Average)		-15	-27.70	dB	Passed
Gain Imbalance (Average)	-140	0	-0.25	dB	Passed
Quadrature Error (Average)	-180	180	-1.15	deg	Passed

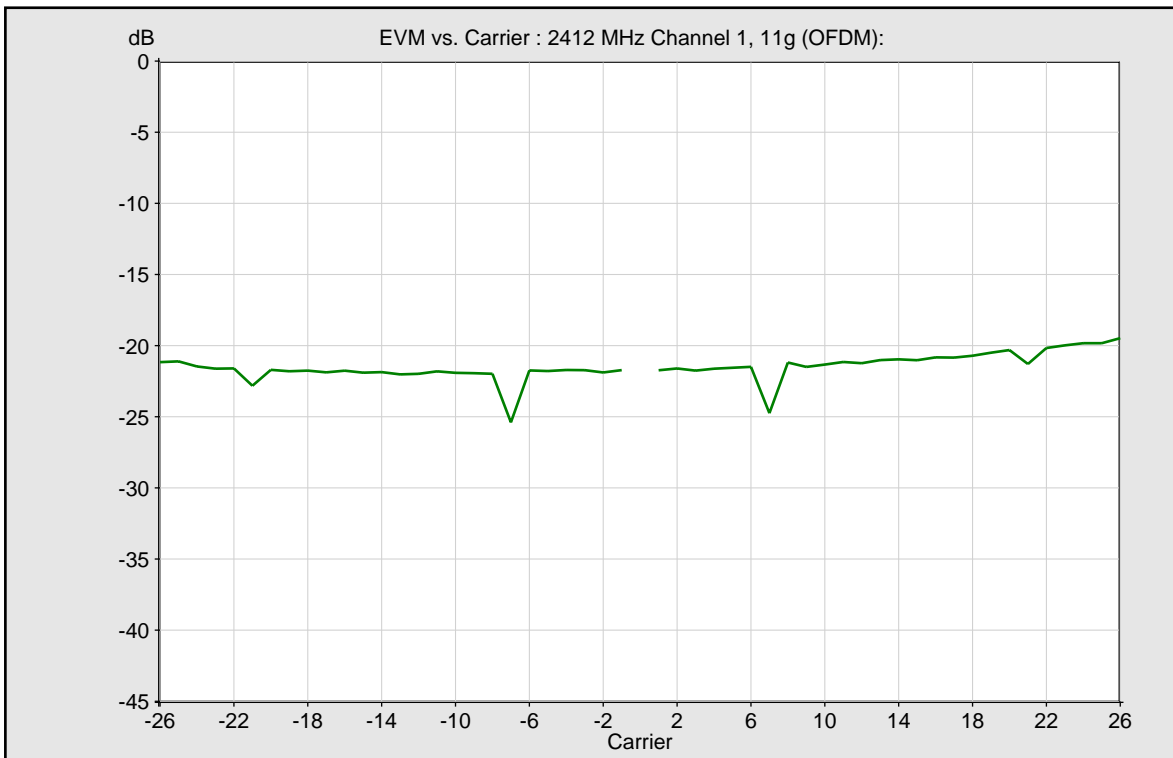
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.37	dB	Passed
Lower Margin Left Side (Average)	-6		-0.64	dB	Passed
Lower Margin Left Center (Average)	-4		-2.34	dB	Passed
Lower Margin Right Center (Average)	-4		-3.10	dB	Passed
Lower Margin Right Side (Average)	-6		-1.75	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-18.35	dB	Passed
Margin BC (Average)		0.00	-14.40	dB	Passed
Margin CD (Average)		0.00	-8.12	dB	Passed
Margin DE (Average)		0.00	-8.24	dB	Passed
Margin ED (Average)		0.00	-4.96	dB	Passed

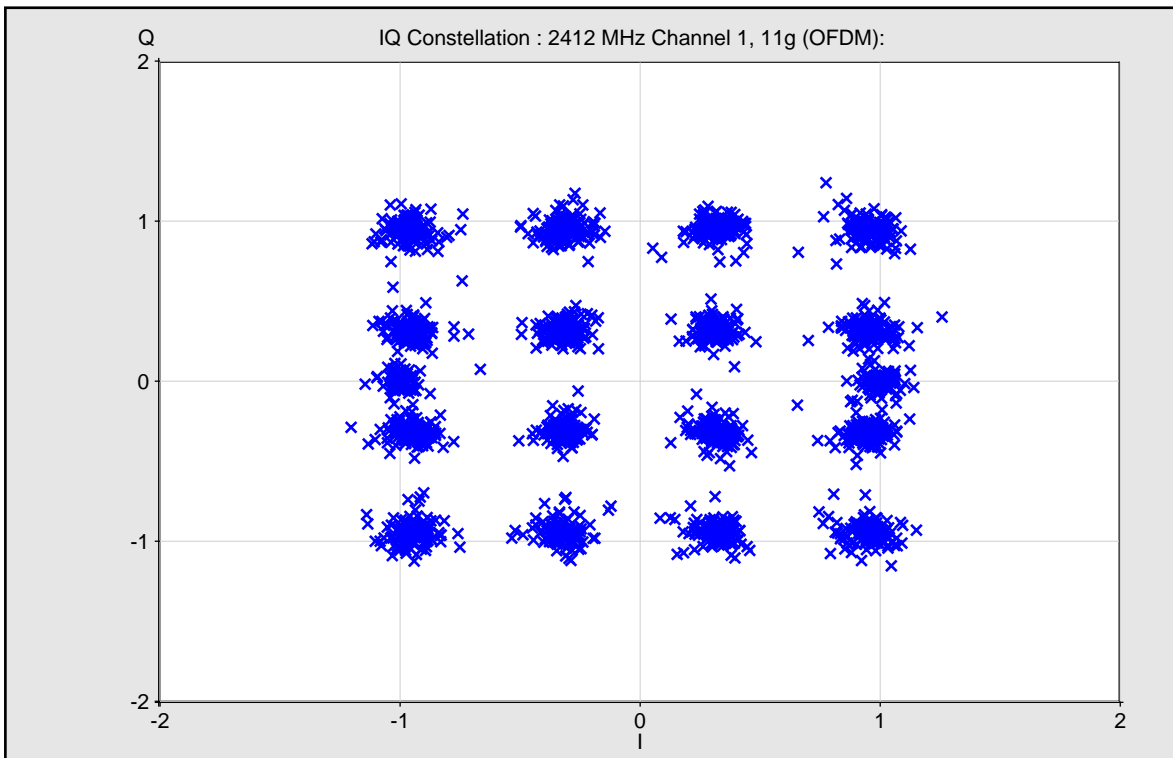
Margin DC (Average)		0.00	-4.96	dB	Passed
Margin CB (Average)		0.00	-9.16	dB	Passed
Margin BA (Average)		0.00	-10.43	dB	Passed
Occupied Bandwidth (Average)			16.65	MHz	

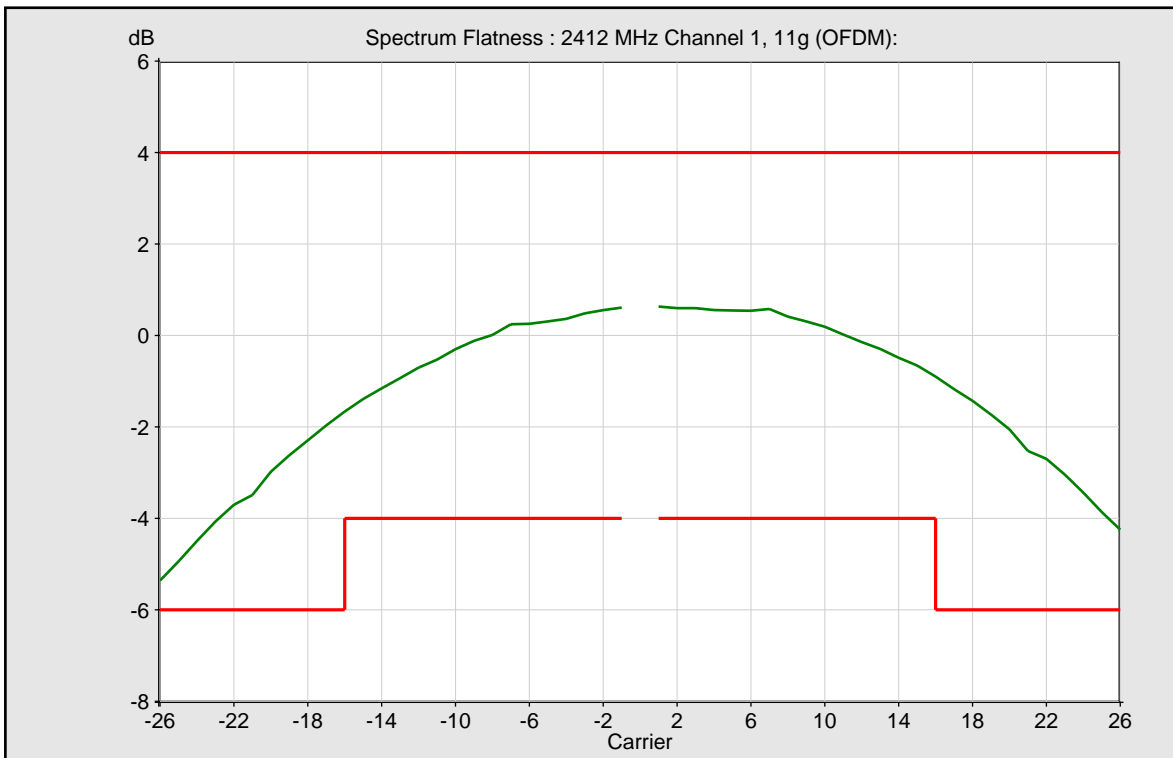


— Average

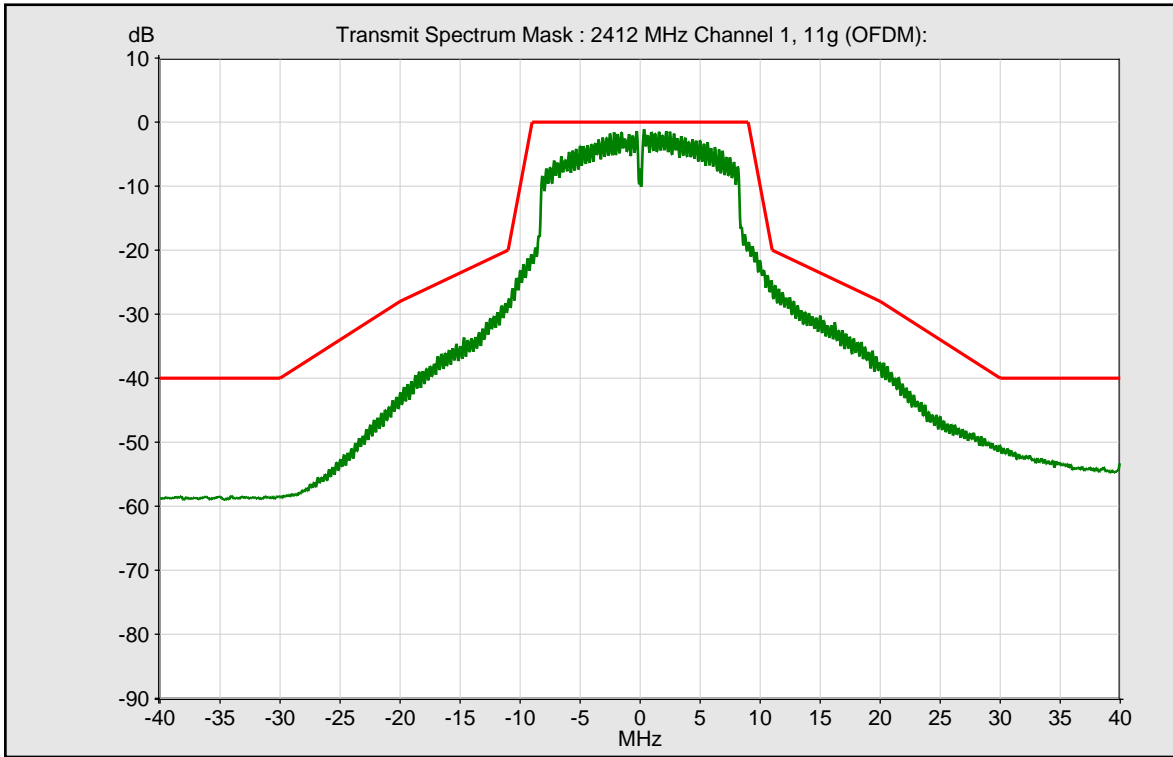


— Average

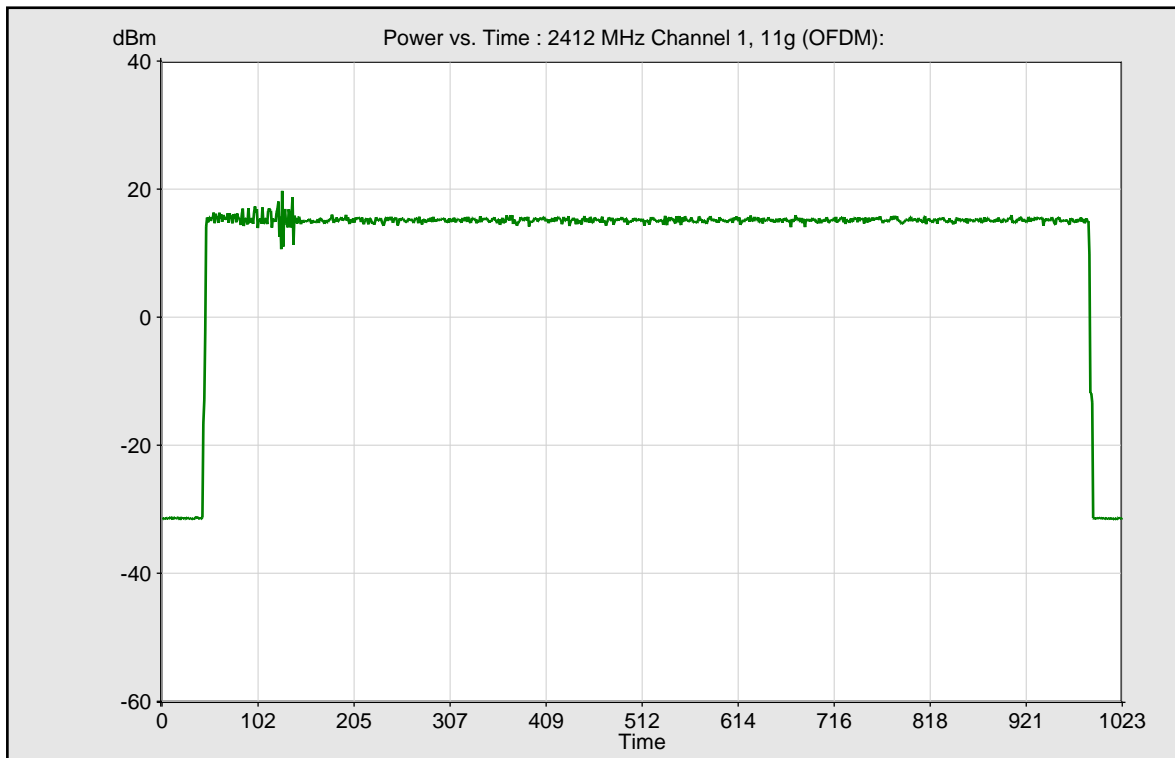




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 1 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 12 -length const packet 1200 -delay 1000 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

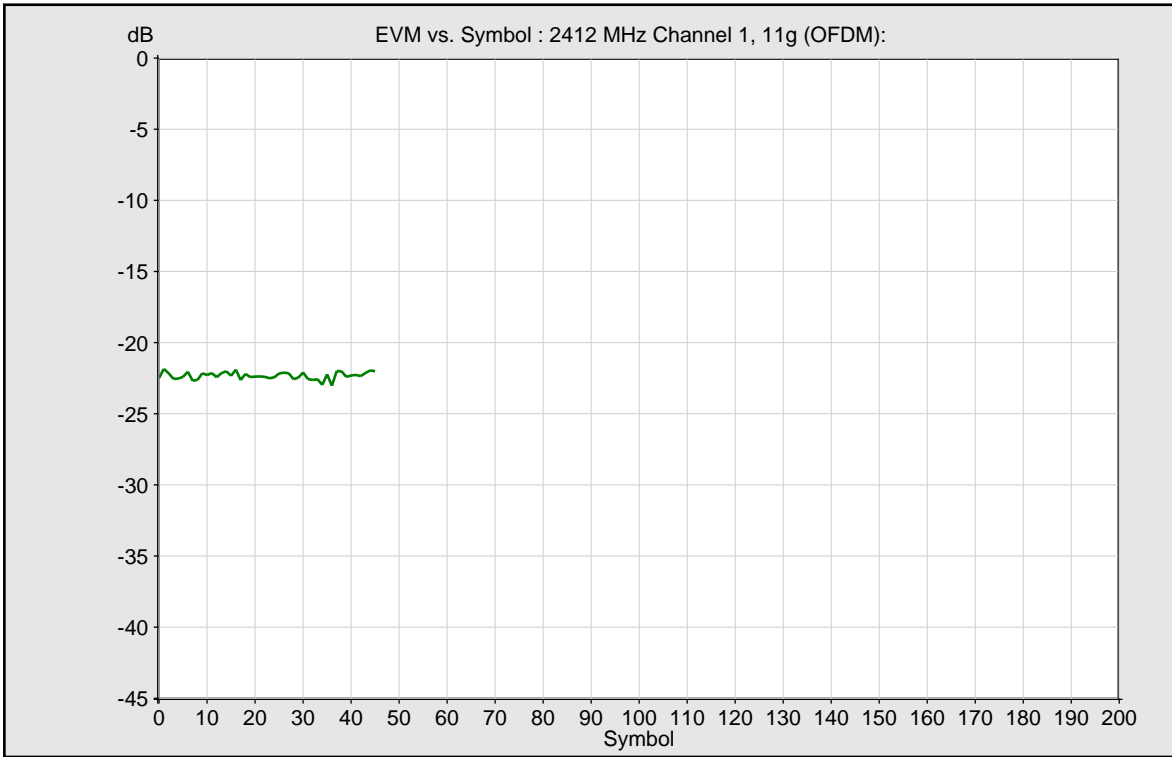
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2412 MHz (Channel 1), Packet Interval = 1000, Packet Size = 1200, 11g (OFDM)					
Modulation Type			54 Mbps, 64-QAM 3/4	---	
Payload Length	16	1366	46	symbol	Passed
Burst Power (Average)	-100	30	16.00	dBm	Passed
EVM All Carriers (Average)		-25	-21.55	dB	Failed
EVM Data Carriers (Average)		-25	-21.46	dB	Failed
EVM Pilot Carriers (Average)		-8	-22.71	dB	Passed
Center Frequency Error (Average)	-60000	60000	22171.65	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.52	ppm	Passed
IQ Offset (Average)		-15	-27.56	dB	Passed
Gain Imbalance (Average)	-140	0	-0.19	dB	Passed
Quadrature Error (Average)	-180	180	-0.97	deg	Passed

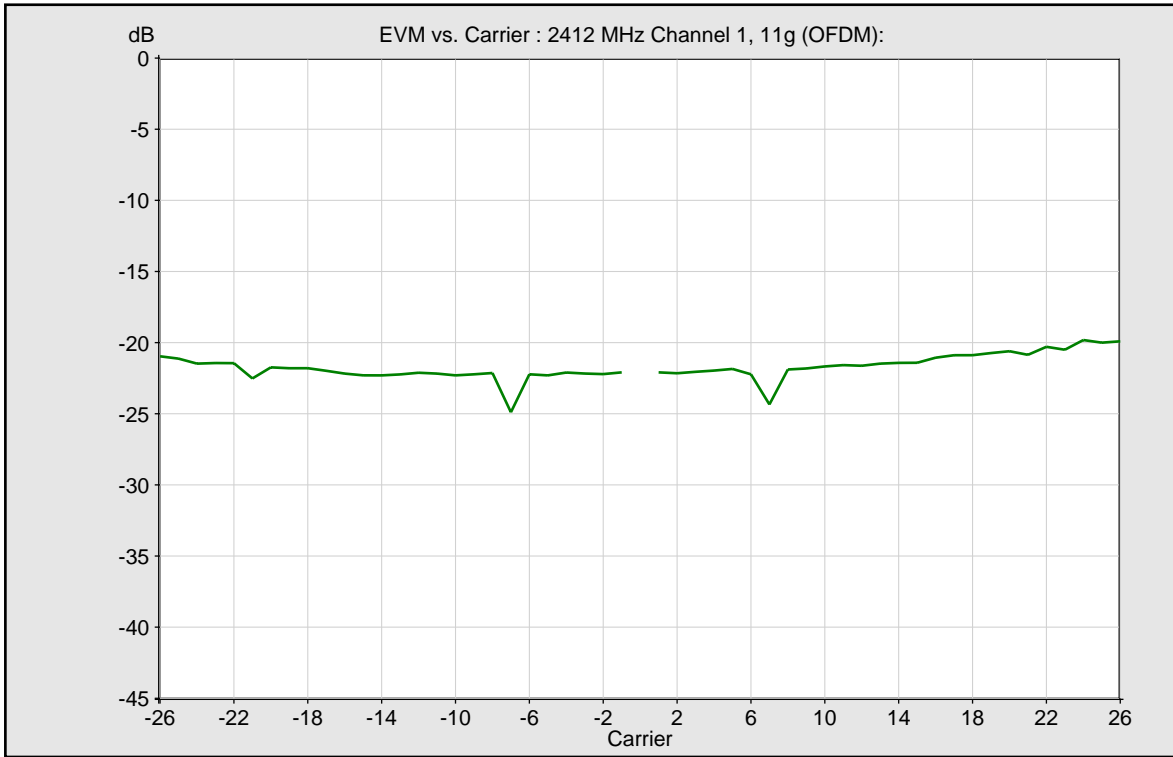
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.38	dB	Passed
Lower Margin Left Side (Average)	-6		-0.69	dB	Passed
Lower Margin Left Center (Average)	-4		-2.34	dB	Passed
Lower Margin Right Center (Average)	-4		-3.09	dB	Passed
Lower Margin Right Side (Average)	-6		-1.84	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-18.55	dB	Passed
Margin BC (Average)		0.00	-14.92	dB	Passed
Margin CD (Average)		0.00	-7.85	dB	Passed
Margin DE (Average)		0.00	-8.09	dB	Passed
Margin ED (Average)		0.00	-4.73	dB	Passed

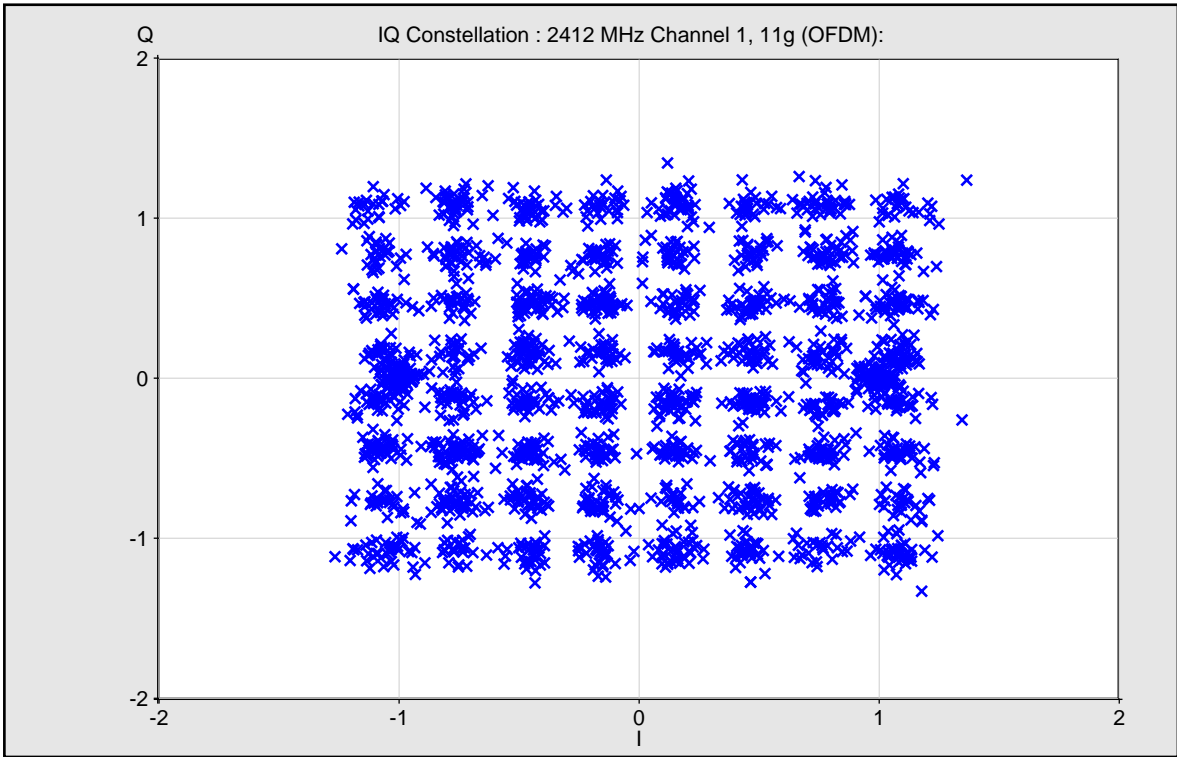
Margin DC (Average)		0.00	-4.73	dB	Passed
Margin CB (Average)		0.00	-9.53	dB	Passed
Margin BA (Average)		0.00	-10.64	dB	Passed
Occupied Bandwidth (Average)			16.60	MHz	

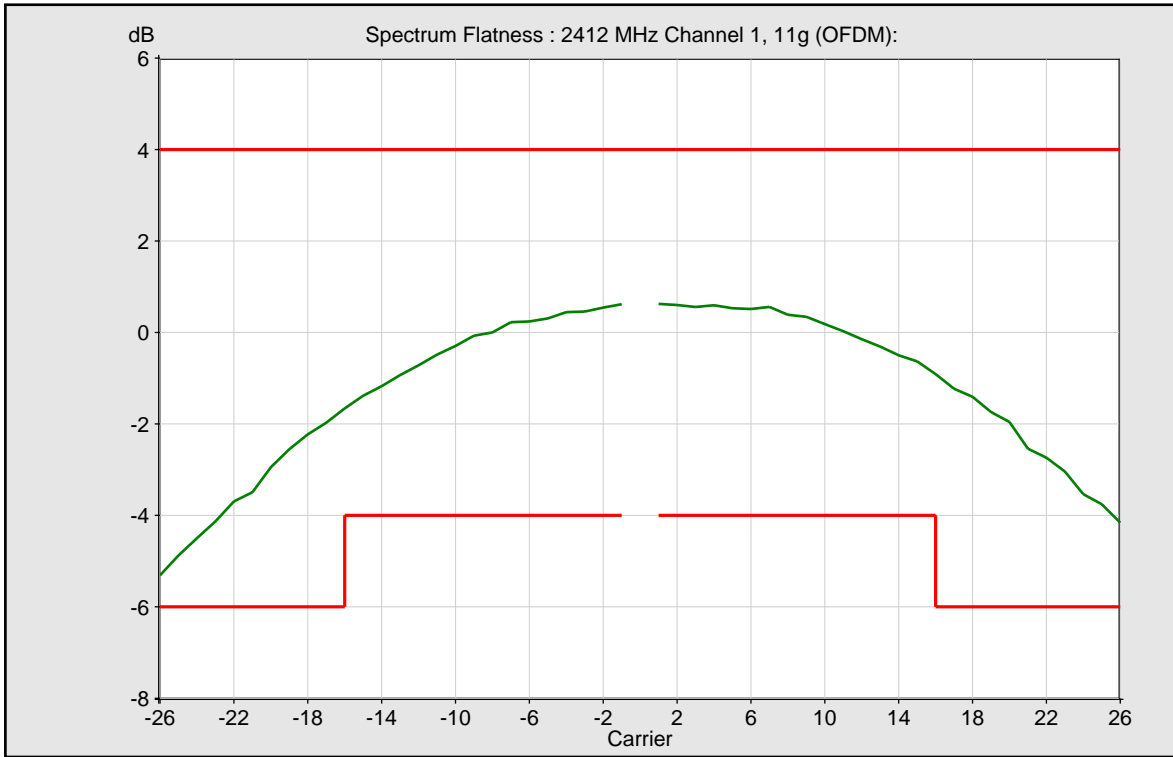


— Average

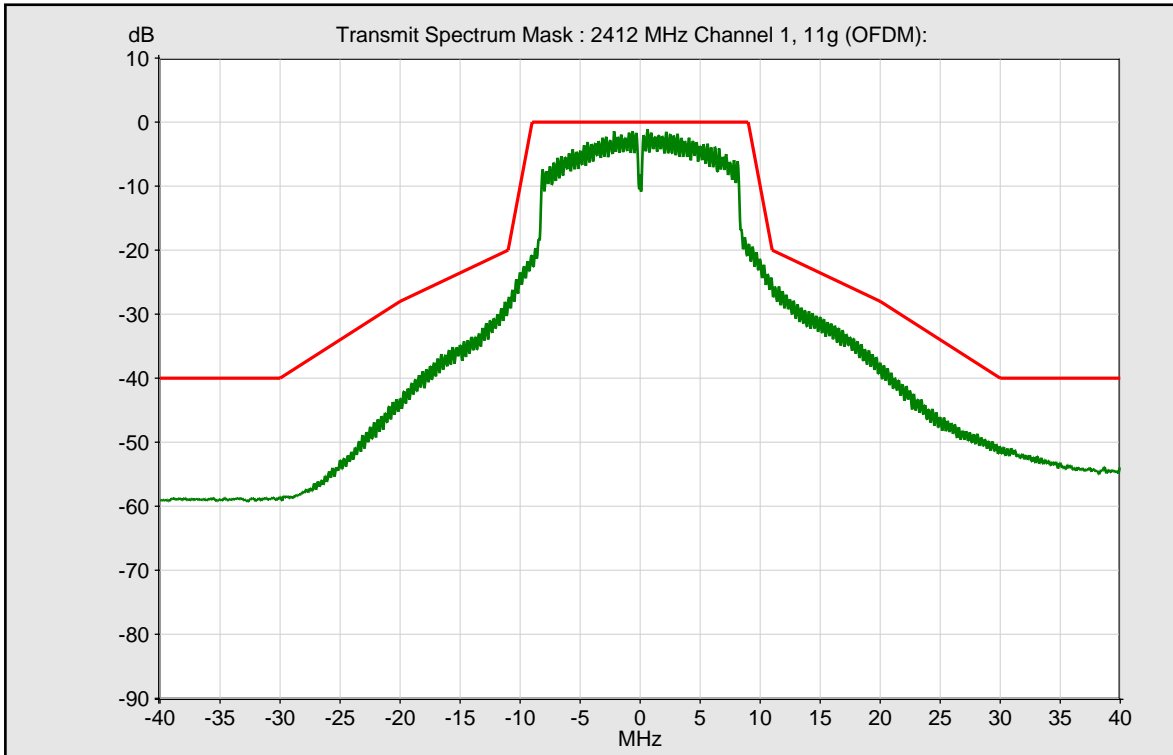


— Average

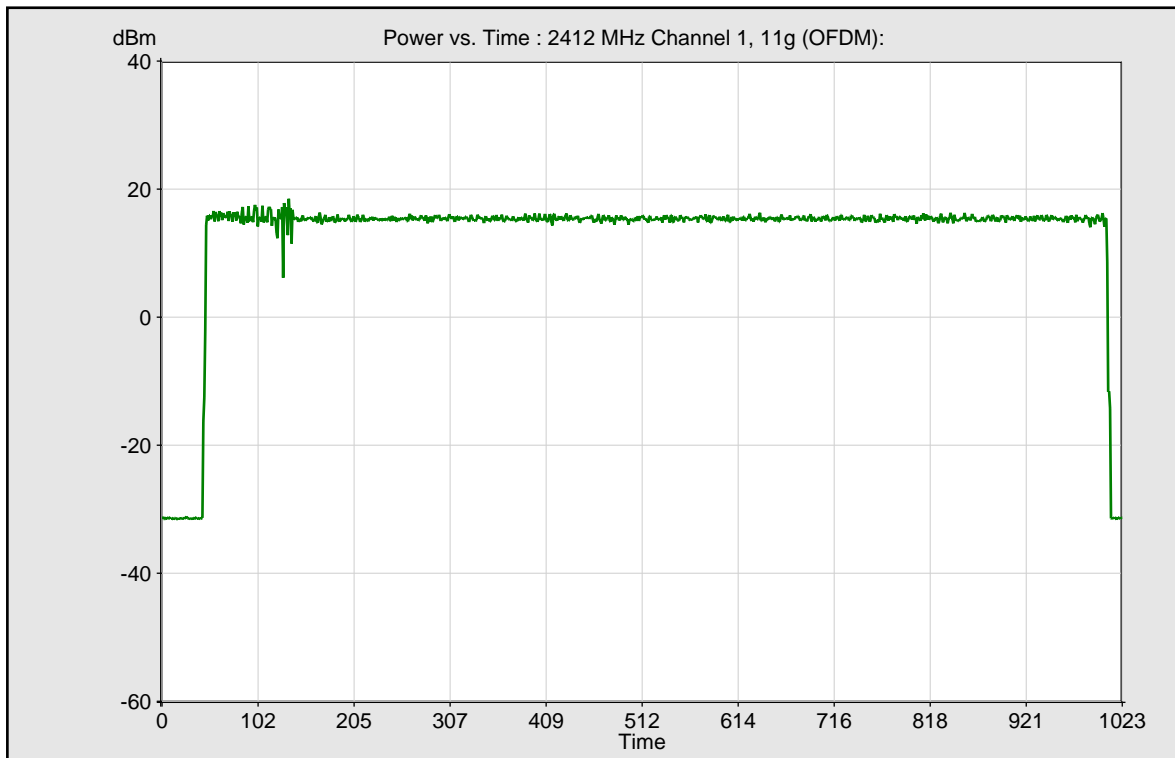




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 3 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 5 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

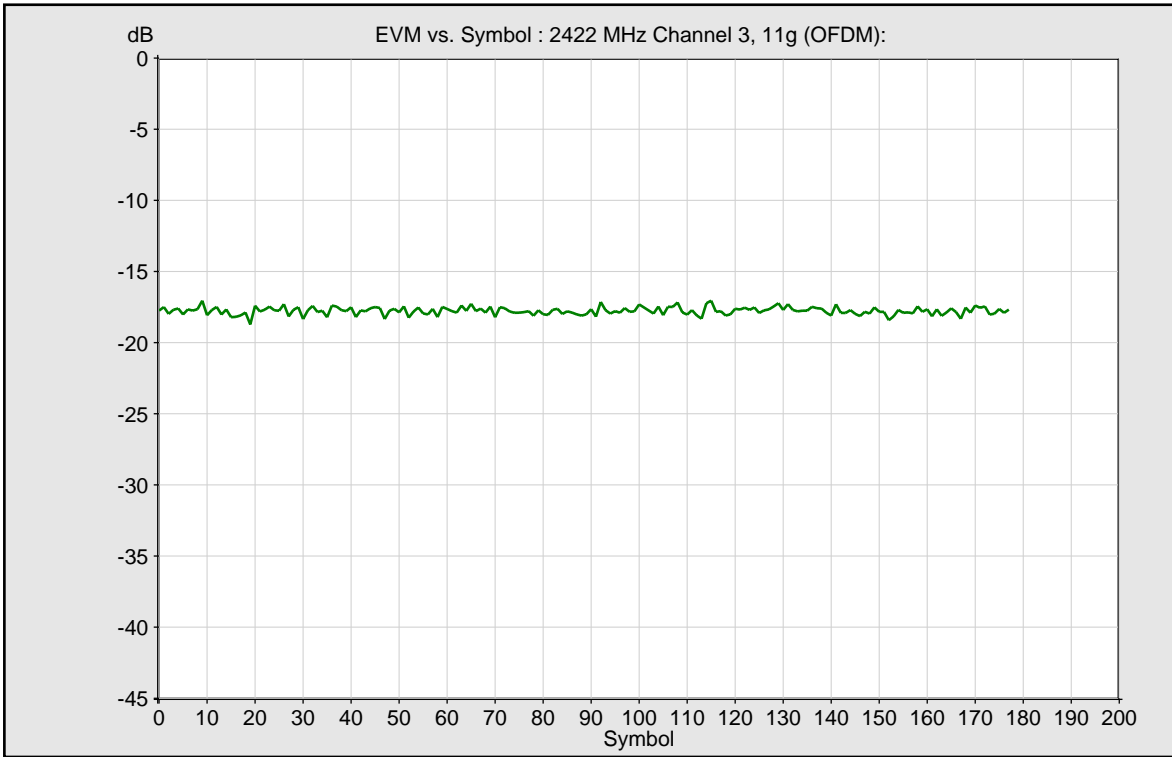
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2422 MHz (Channel 3), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			6 Mbps, BPSK 1/2	---	
Payload Length	16	1366	178	symbol	Passed
Burst Power (Average)	-100	30	17.43	dBm	Passed
EVM All Carriers (Average)		-5	-17.25	dB	Passed
EVM Data Carriers (Average)		-5	-17.15	dB	Passed
EVM Pilot Carriers (Average)		-8	-18.72	dB	Passed
Center Frequency Error (Average)	-60000	60000	20652.00	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.83	ppm	Passed
IQ Offset (Average)		-15	-28.45	dB	Passed
Gain Imbalance (Average)	-140	0	-0.23	dB	Passed
Quadrature Error (Average)	-180	180	-1.27	deg	Passed

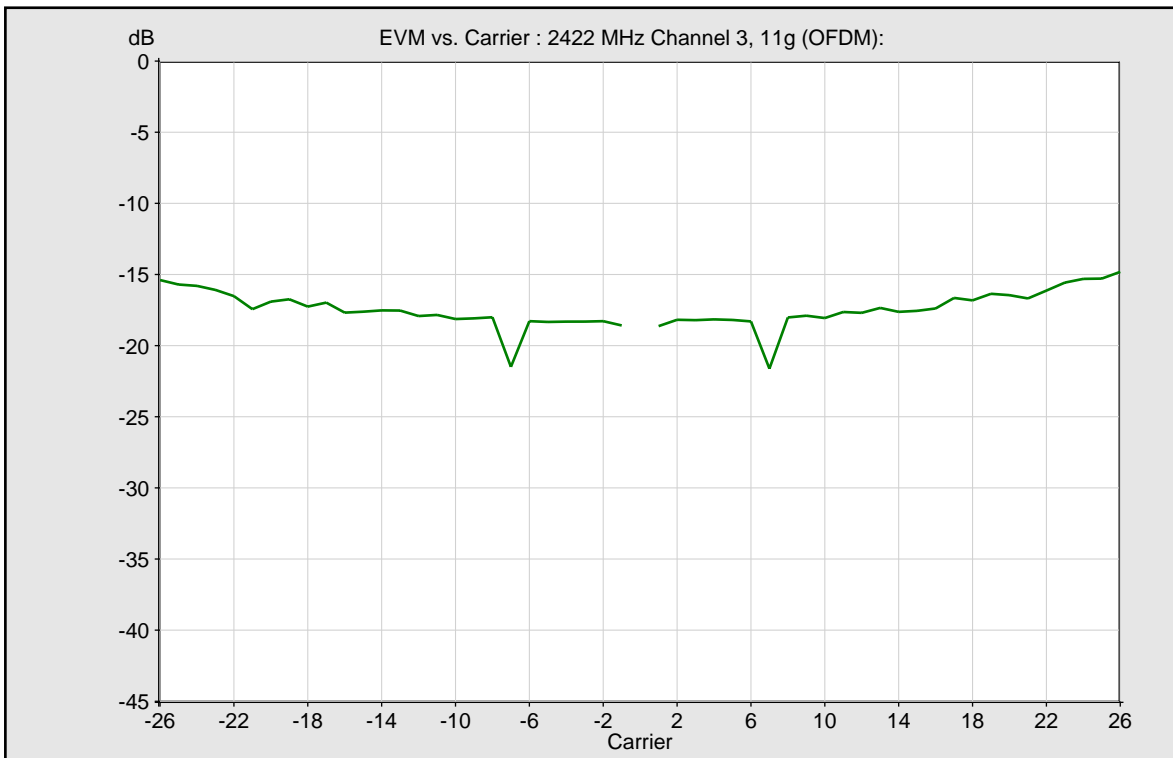
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.10	dB	Passed
Lower Margin Left Side (Average)	-6		-0.06	dB	Passed
Lower Margin Left Center (Average)	-4		-2.32	dB	Passed
Lower Margin Right Center (Average)	-4		-2.97	dB	Passed
Lower Margin Right Side (Average)	-6		-1.02	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-12.54	dB	Passed
Margin BC (Average)		0.00	-12.50	dB	Passed
Margin CD (Average)		0.00	-11.82	dB	Passed
Margin DE (Average)		0.00	-11.37	dB	Passed
Margin ED (Average)		0.00	-8.14	dB	Passed

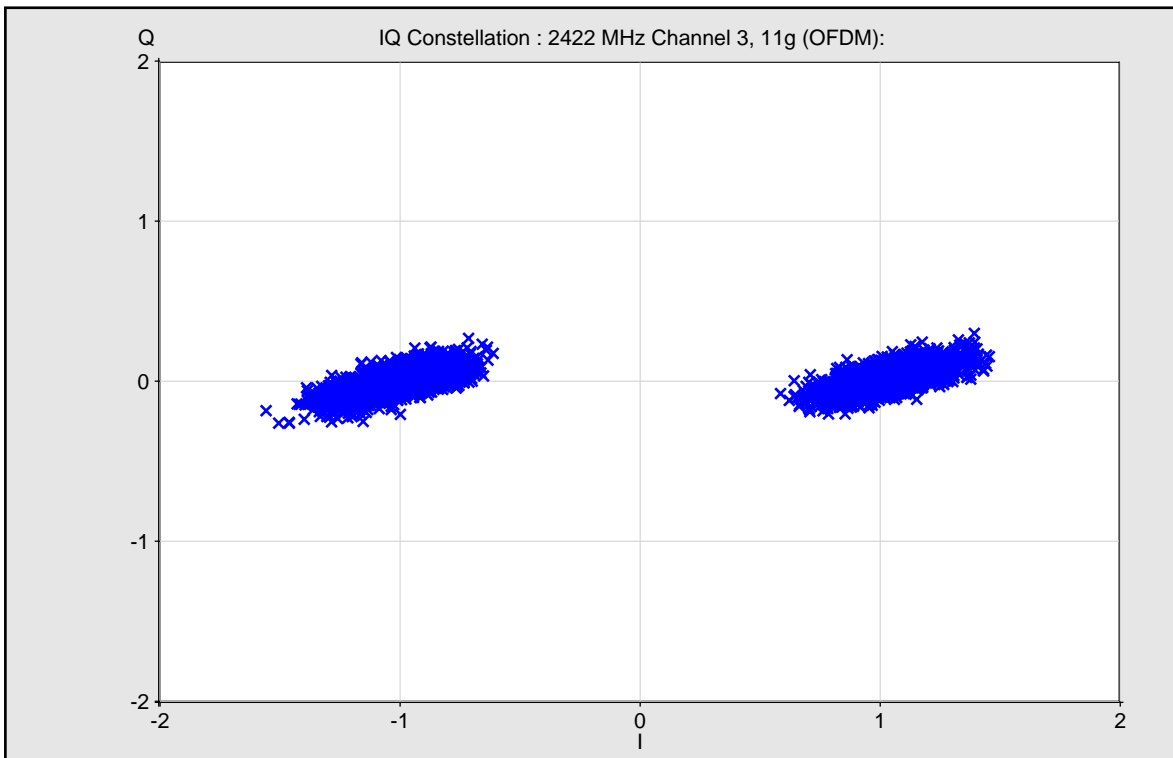
Margin DC (Average)		0.00	-8.14	dB	Passed
Margin CB (Average)		0.00	-13.02	dB	Passed
Margin BA (Average)		0.00	-13.52	dB	Passed
Occupied Bandwidth (Average)			16.38	MHz	

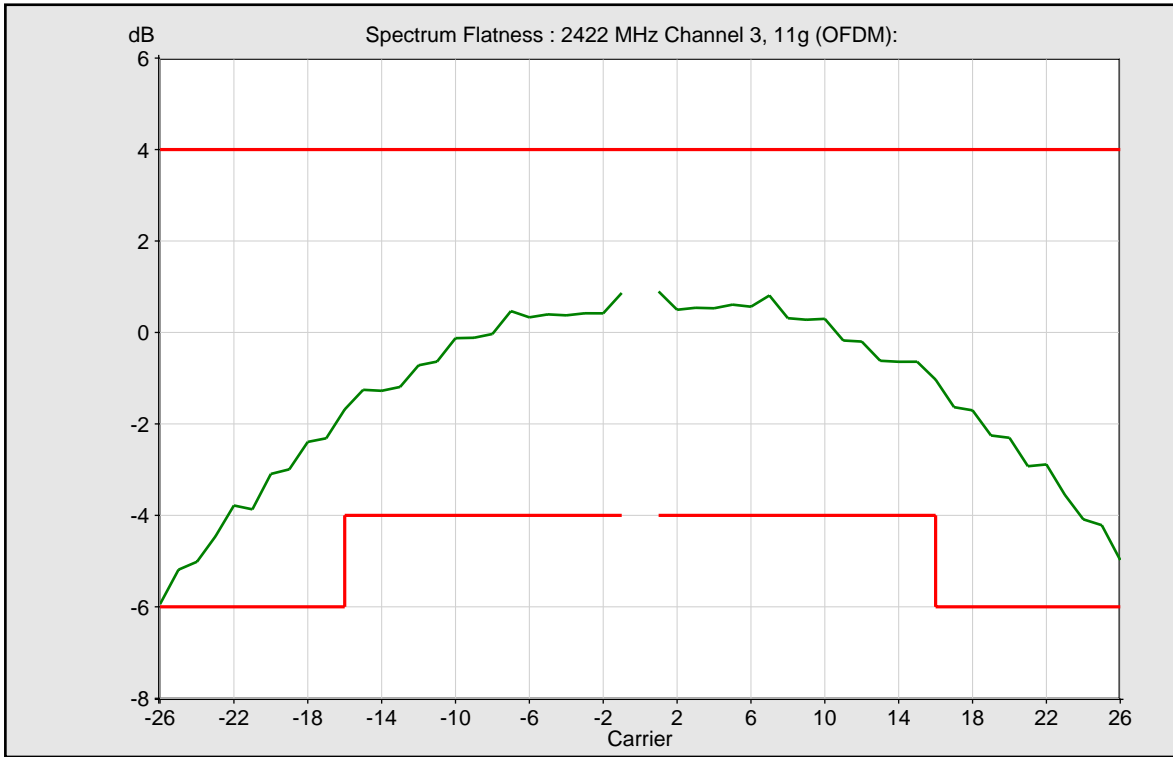


— Average

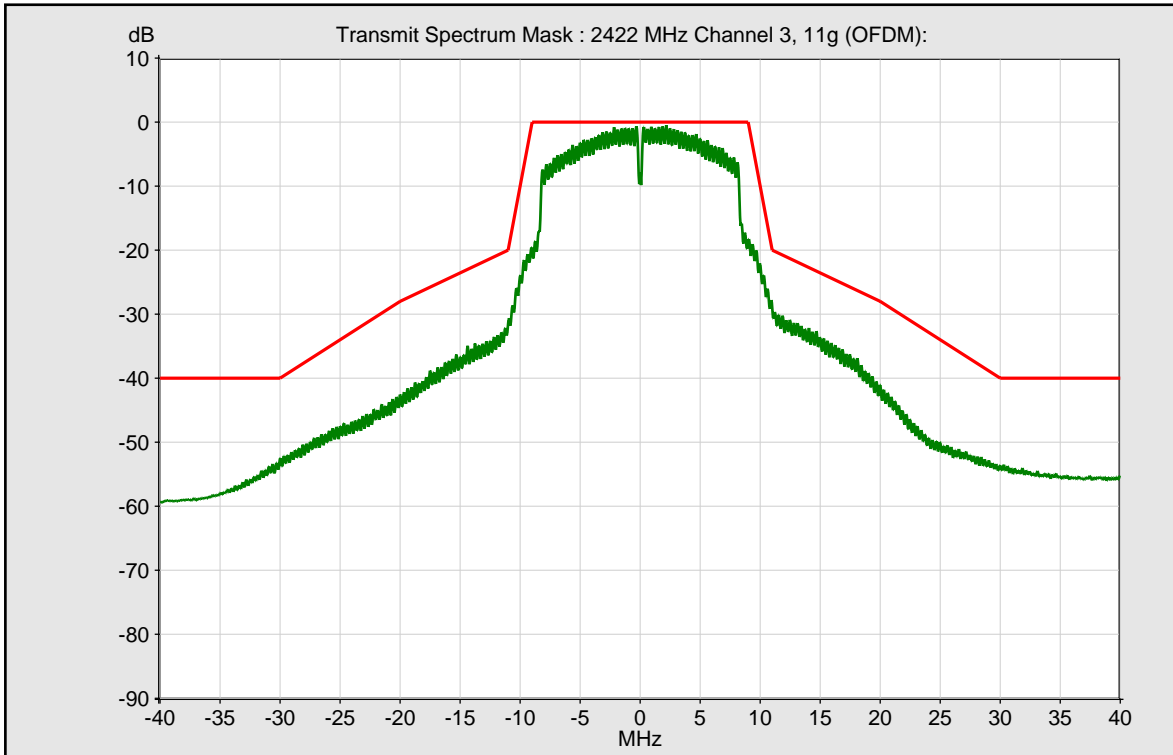


— Average

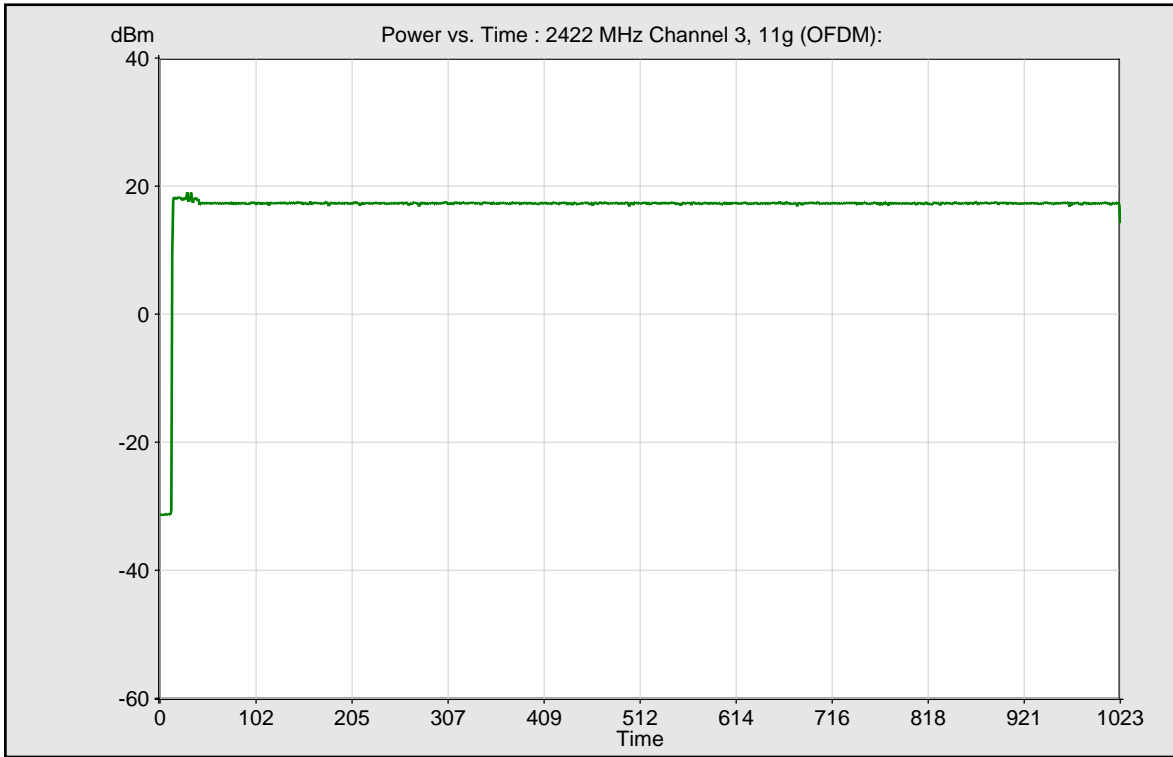




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 3 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 9 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

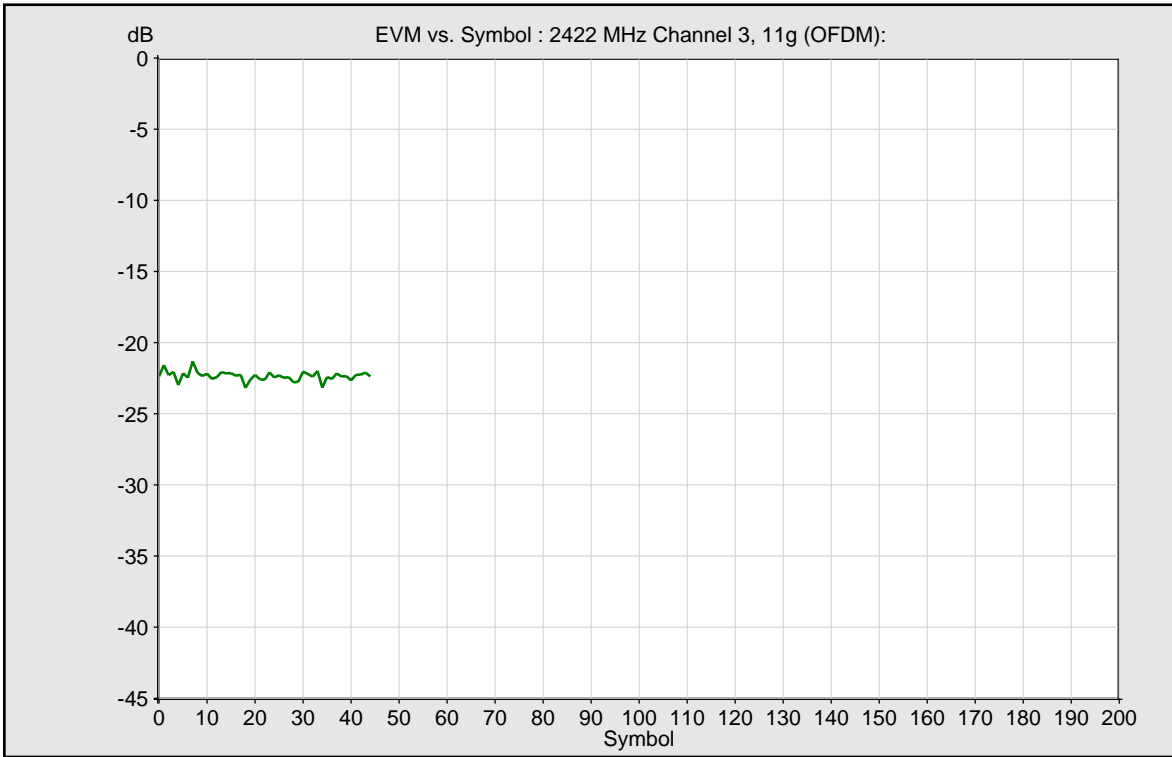
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2422 MHz (Channel 3), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			24 Mbps, 16-QAM 1/2	---	
Payload Length	16	1366	45	symbol	Passed
Burst Power (Average)	-100	30	16.25	dBm	Passed
EVM All Carriers (Average)		-16	-21.19	dB	Passed
EVM Data Carriers (Average)		-16	-21.08	dB	Passed
EVM Pilot Carriers (Average)		-8	-22.89	dB	Passed
Center Frequency Error (Average)	-60000	60000	20760.61	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.06	ppm	Passed
IQ Offset (Average)		-15	-27.50	dB	Passed
Gain Imbalance (Average)	-140	0	-0.23	dB	Passed
Quadrature Error (Average)	-180	180	-1.19	deg	Passed

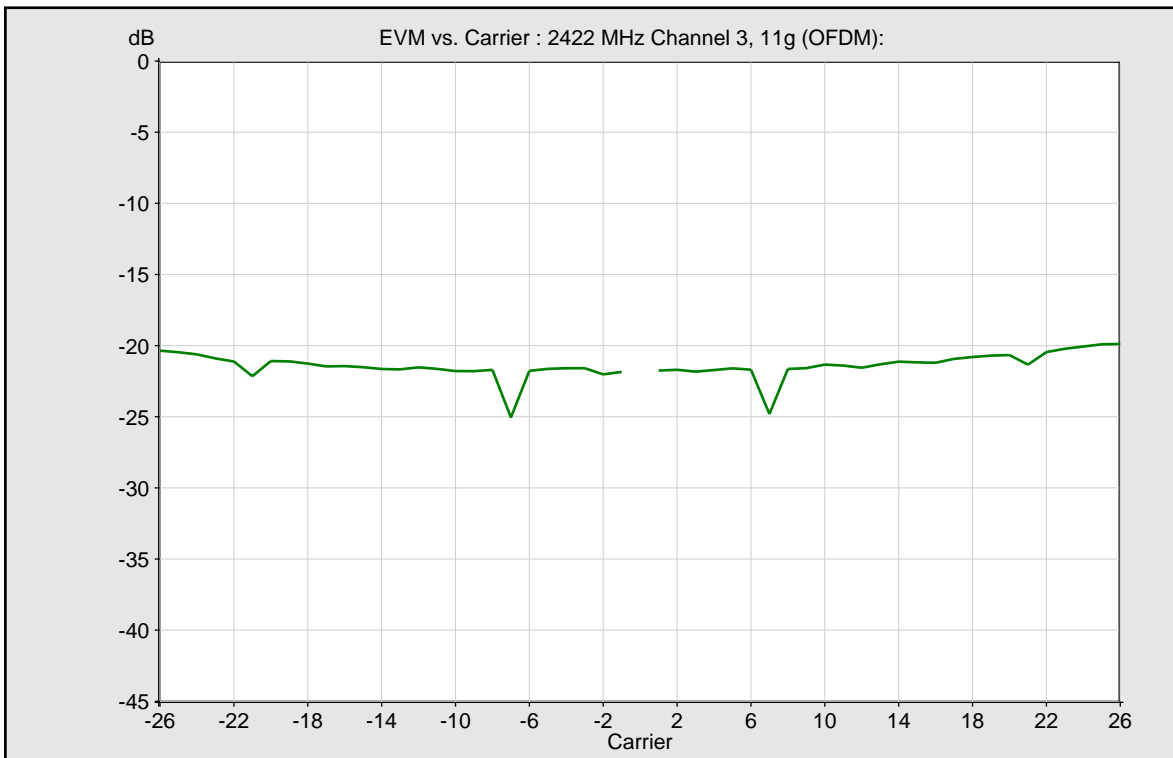
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.27	dB	Passed
Lower Margin Left Side (Average)	-6		-0.21	dB	Passed
Lower Margin Left Center (Average)	-4		-2.21	dB	Passed
Lower Margin Right Center (Average)	-4		-2.88	dB	Passed
Lower Margin Right Side (Average)	-6		-1.26	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-12.34	dB	Passed
Margin BC (Average)		0.00	-12.08	dB	Passed
Margin CD (Average)		0.00	-8.13	dB	Passed
Margin DE (Average)		0.00	-8.22	dB	Passed
Margin ED (Average)		0.00	-6.22	dB	Passed

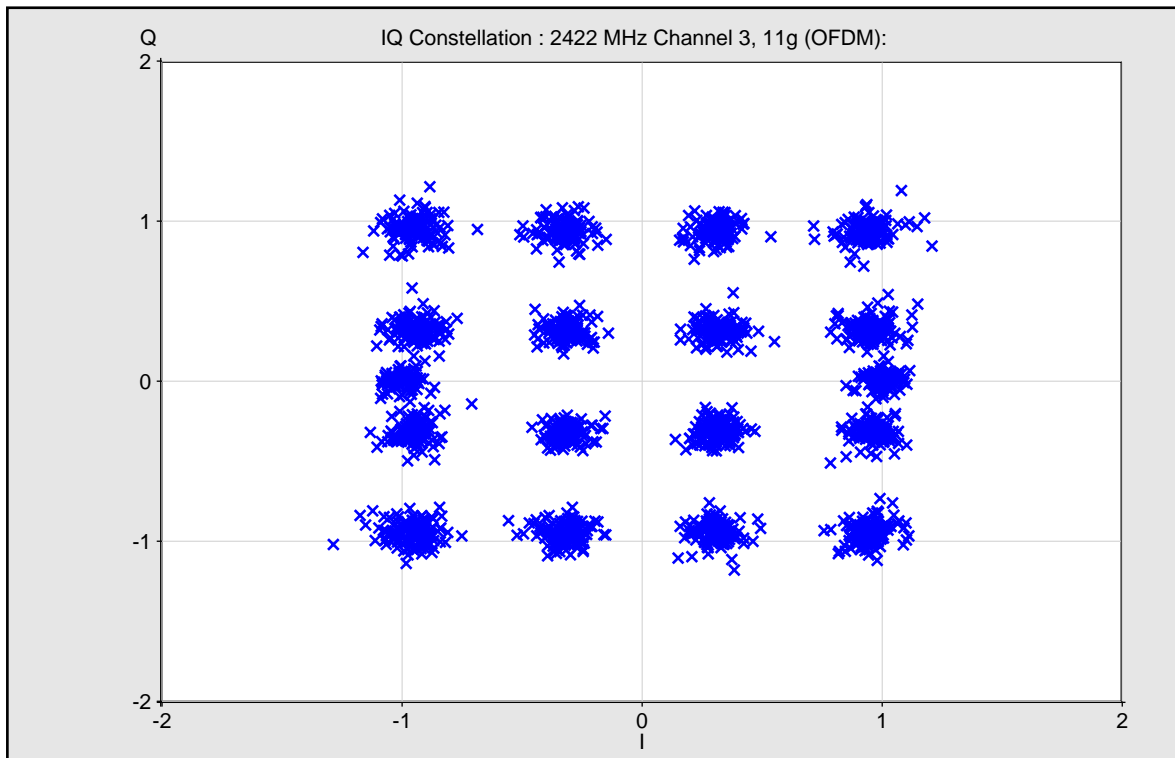
Margin DC (Average)		0.00	-6.22	dB	Passed
Margin CB (Average)		0.00	-11.58	dB	Passed
Margin BA (Average)		0.00	-11.70	dB	Passed
Occupied Bandwidth (Average)			16.50	MHz	

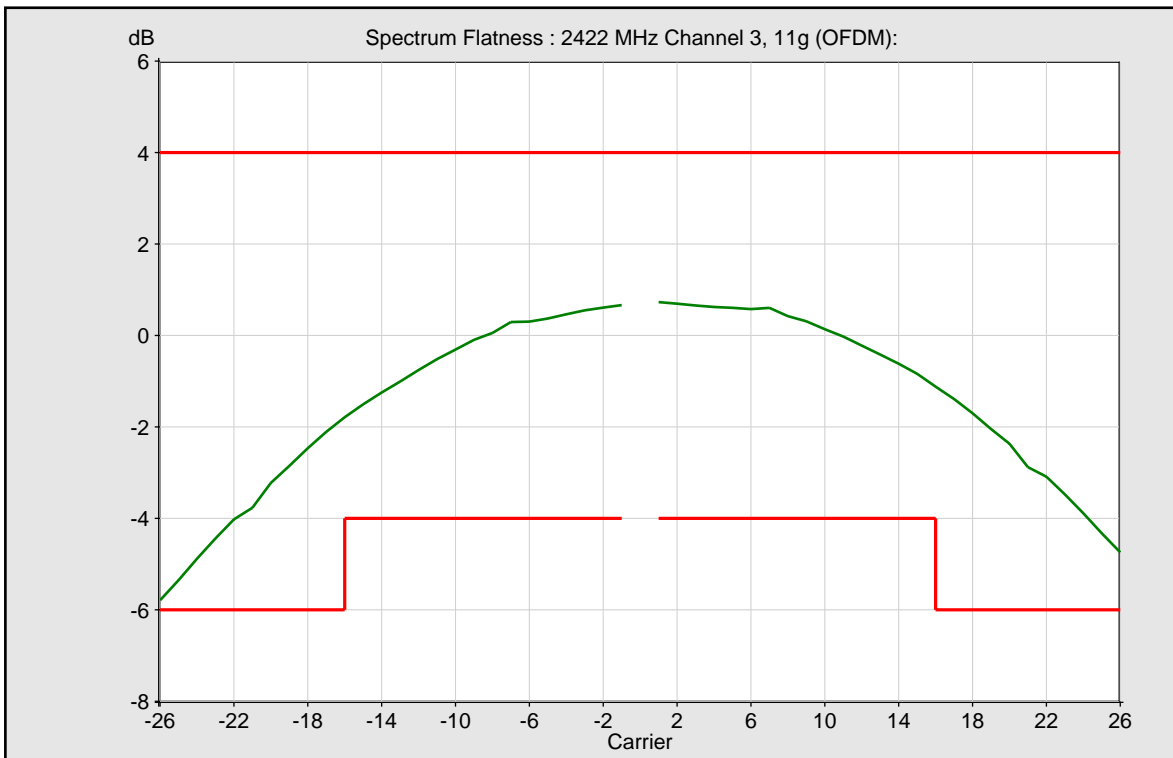


— Average

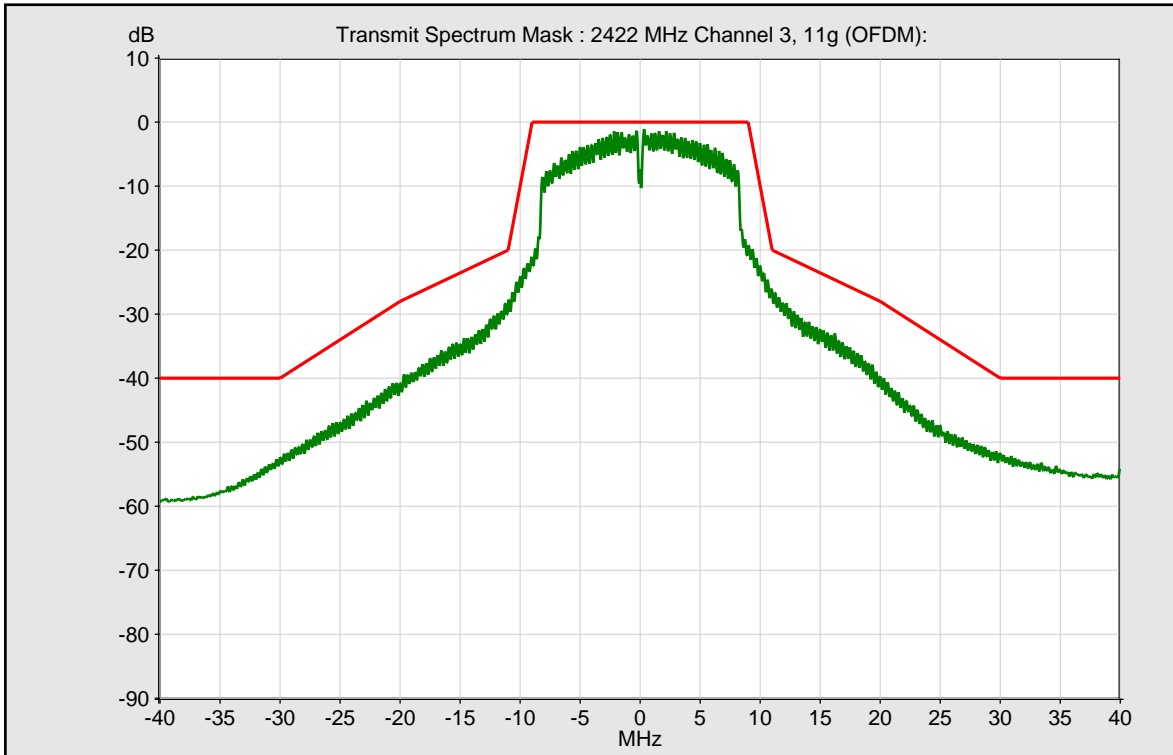


— Average

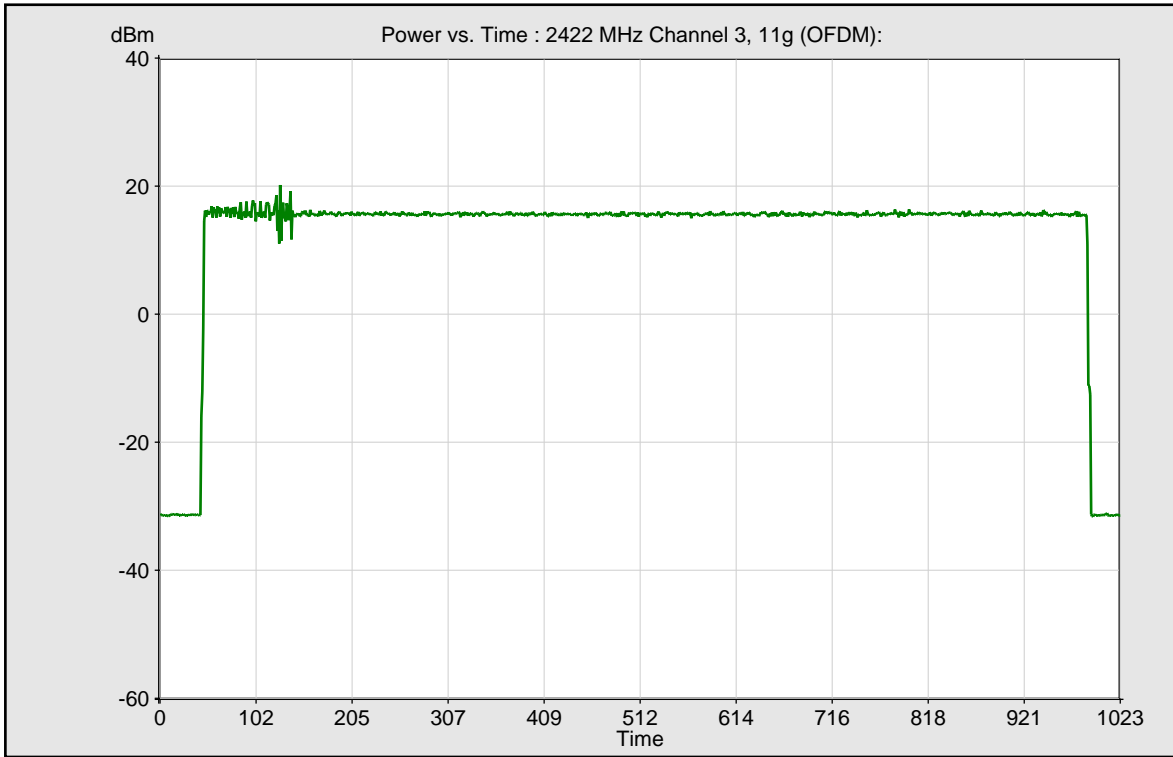




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 3 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 12 -length const packet 1200 -delay 1000 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

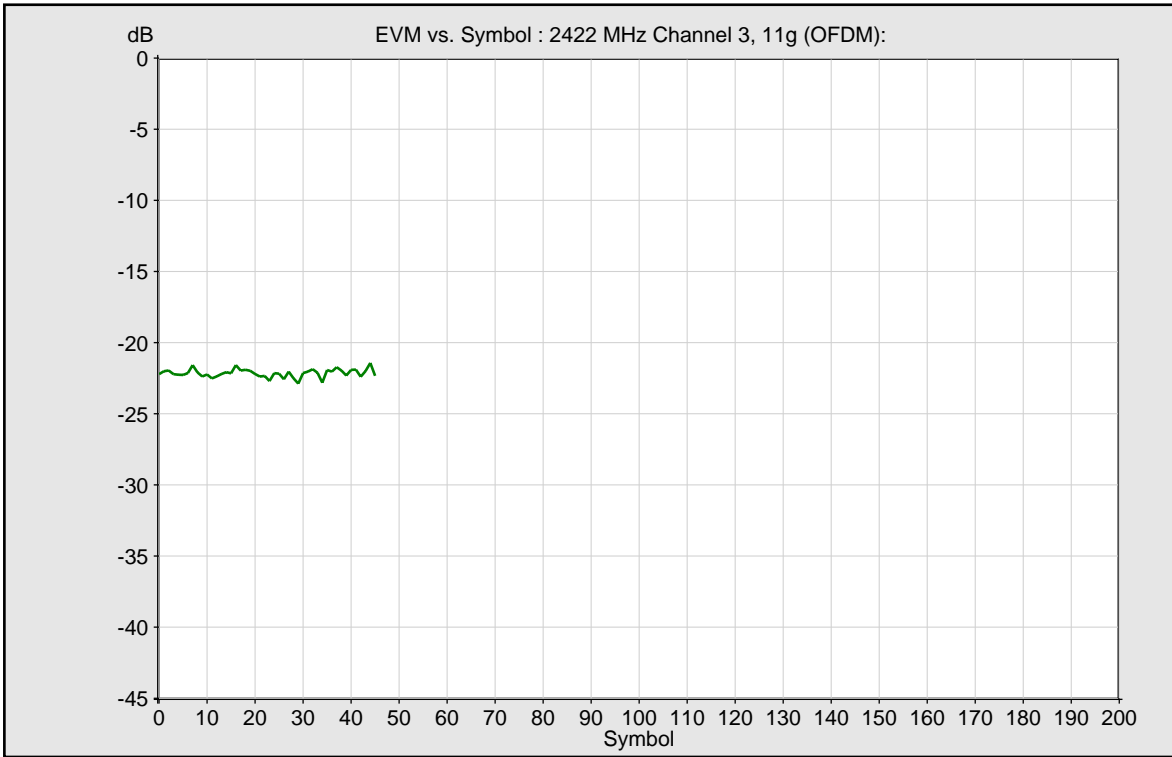
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2422 MHz (Channel 3), Packet Interval = 1000, Packet Size = 1200, 11g (OFDM)					
Modulation Type			54 Mbps, 64-QAM 3/4	---	
Payload Length	16	1366	46	symbol	Passed
Burst Power (Average)	-100	30	16.50	dBm	Passed
EVM All Carriers (Average)		-25	-21.37	dB	Failed
EVM Data Carriers (Average)		-25	-21.29	dB	Failed
EVM Pilot Carriers (Average)		-8	-22.49	dB	Passed
Center Frequency Error (Average)	-60000	60000	21434.73	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.37	ppm	Passed
IQ Offset (Average)		-15	-27.39	dB	Passed
Gain Imbalance (Average)	-140	0	-0.18	dB	Passed
Quadrature Error (Average)	-180	180	-0.91	deg	Passed

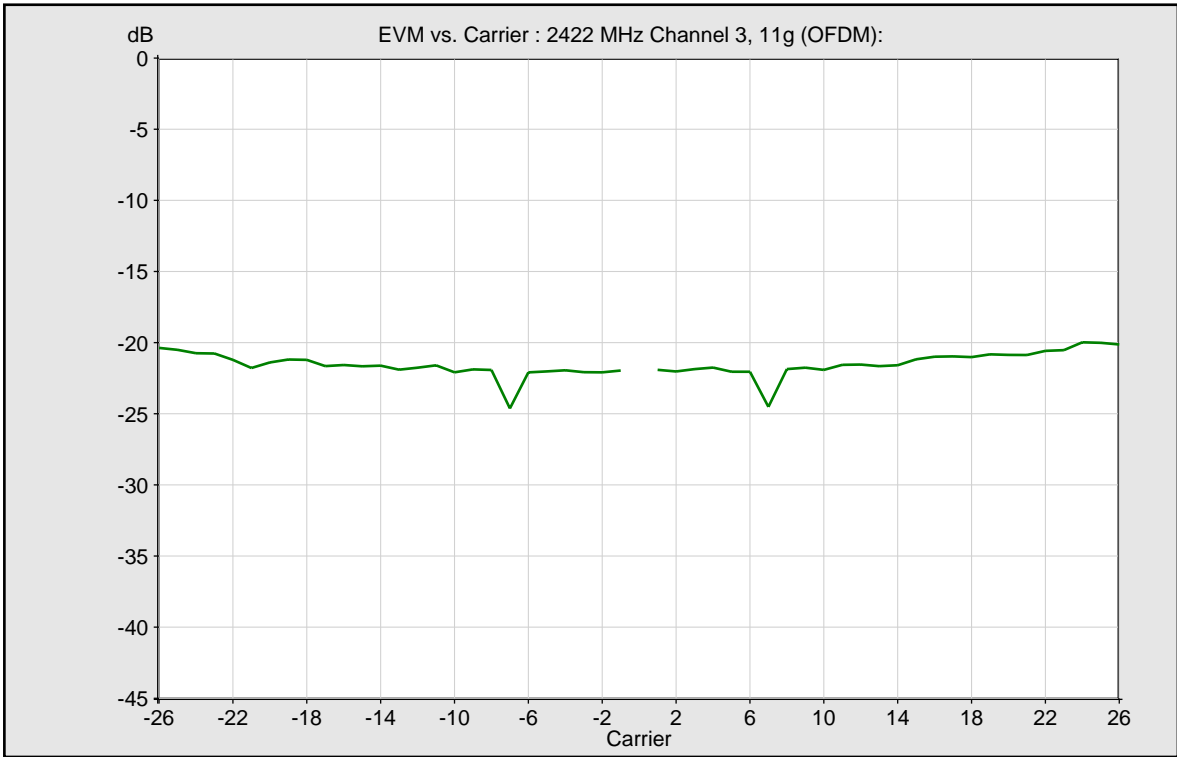
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.27	dB	Passed
Lower Margin Left Side (Average)	-6		-0.21	dB	Passed
Lower Margin Left Center (Average)	-4		-2.17	dB	Passed
Lower Margin Right Center (Average)	-4		-2.89	dB	Passed
Lower Margin Right Side (Average)	-6		-1.31	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-12.30	dB	Passed
Margin BC (Average)		0.00	-12.05	dB	Passed
Margin CD (Average)		0.00	-8.16	dB	Passed
Margin DE (Average)		0.00	-8.03	dB	Passed
Margin ED (Average)		0.00	-5.96	dB	Passed

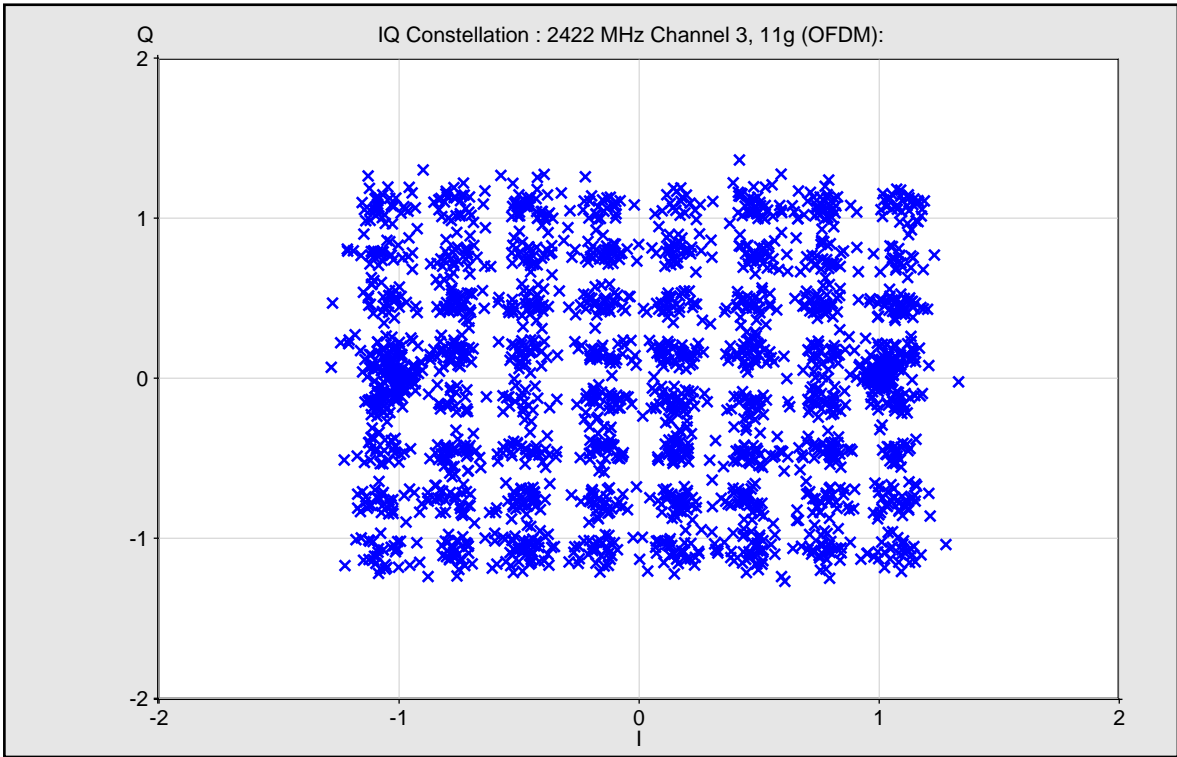
Margin DC (Average)		0.00	-5.94	dB	Passed
Margin CB (Average)		0.00	-11.20	dB	Passed
Margin BA (Average)		0.00	-11.67	dB	Passed
Occupied Bandwidth (Average)			16.49	MHz	

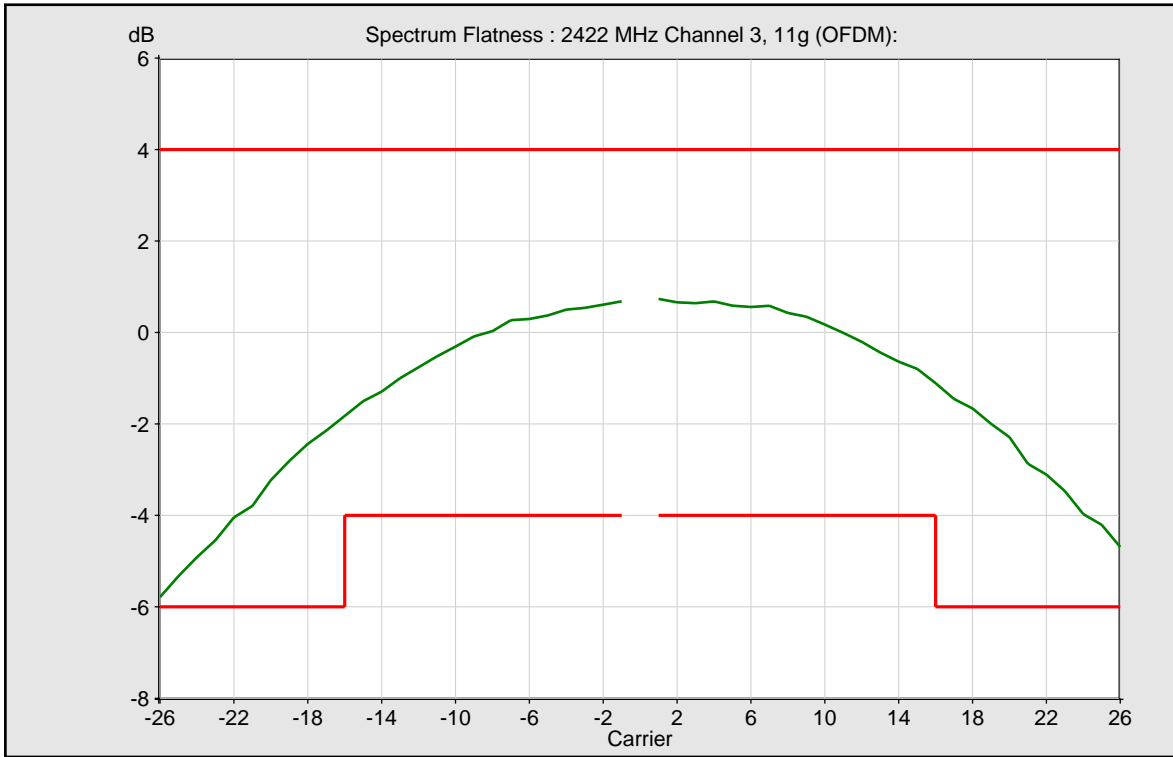


— Average

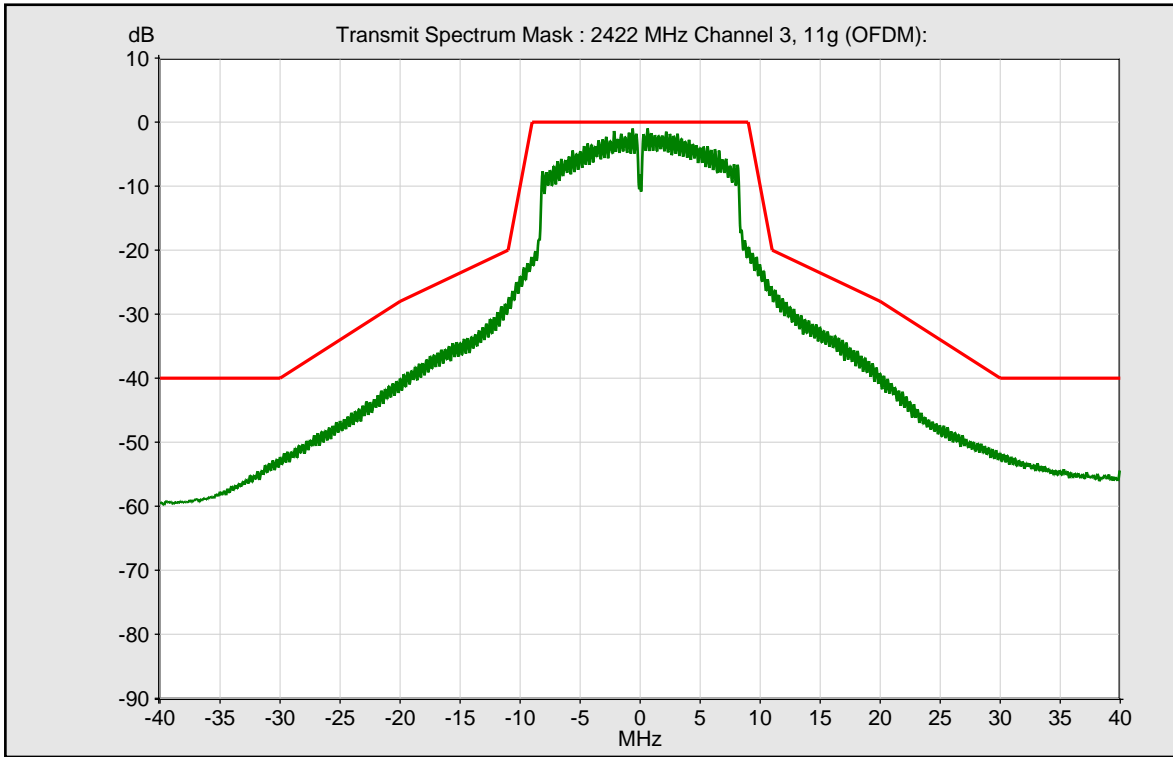


— Average

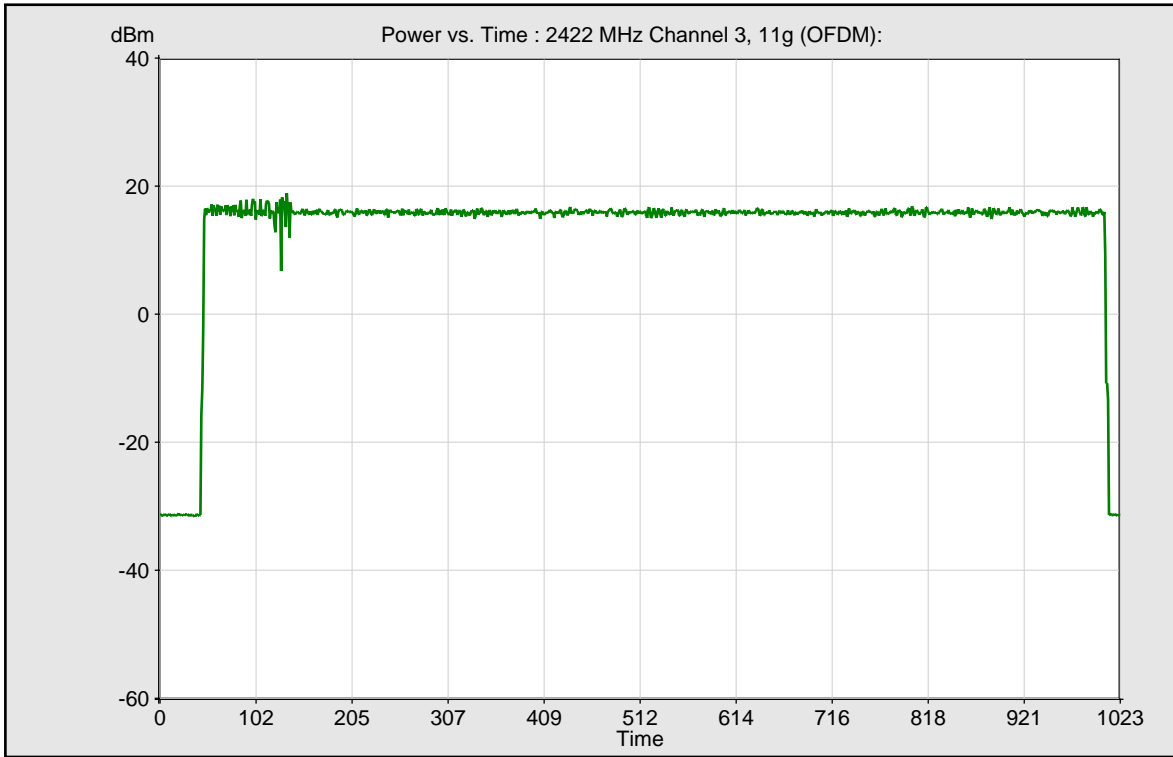




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 6 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 5 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

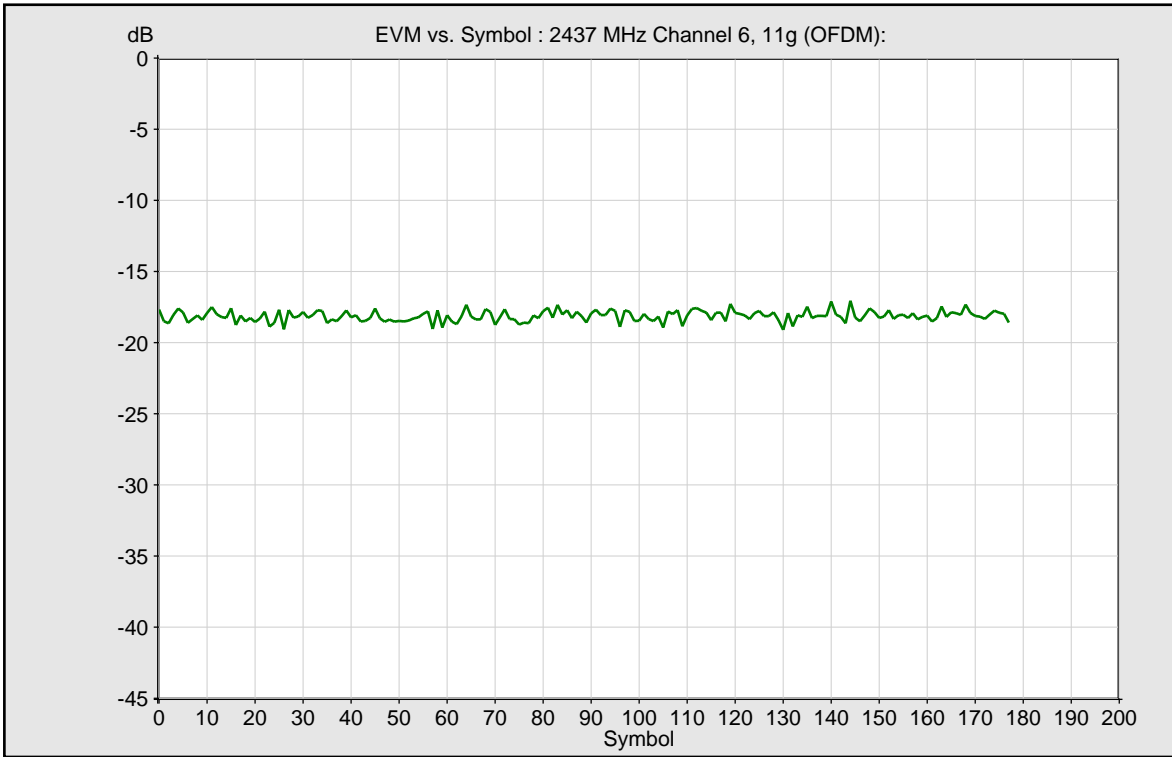
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2437 MHz (Channel 6), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			6 Mbps, BPSK 1/2	---	
Payload Length	16	1366	178	symbol	Passed
Burst Power (Average)	-100	30	17.53	dBm	Passed
EVM All Carriers (Average)		-5	-17.64	dB	Passed
EVM Data Carriers (Average)		-5	-17.54	dB	Passed
EVM Pilot Carriers (Average)		-8	-19.11	dB	Passed
Center Frequency Error (Average)	-60000	60000	20132.67	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.26	ppm	Passed
IQ Offset (Average)		-15	-28.60	dB	Passed
Gain Imbalance (Average)	-140	0	-0.24	dB	Passed
Quadrature Error (Average)	-180	180	-1.36	deg	Passed

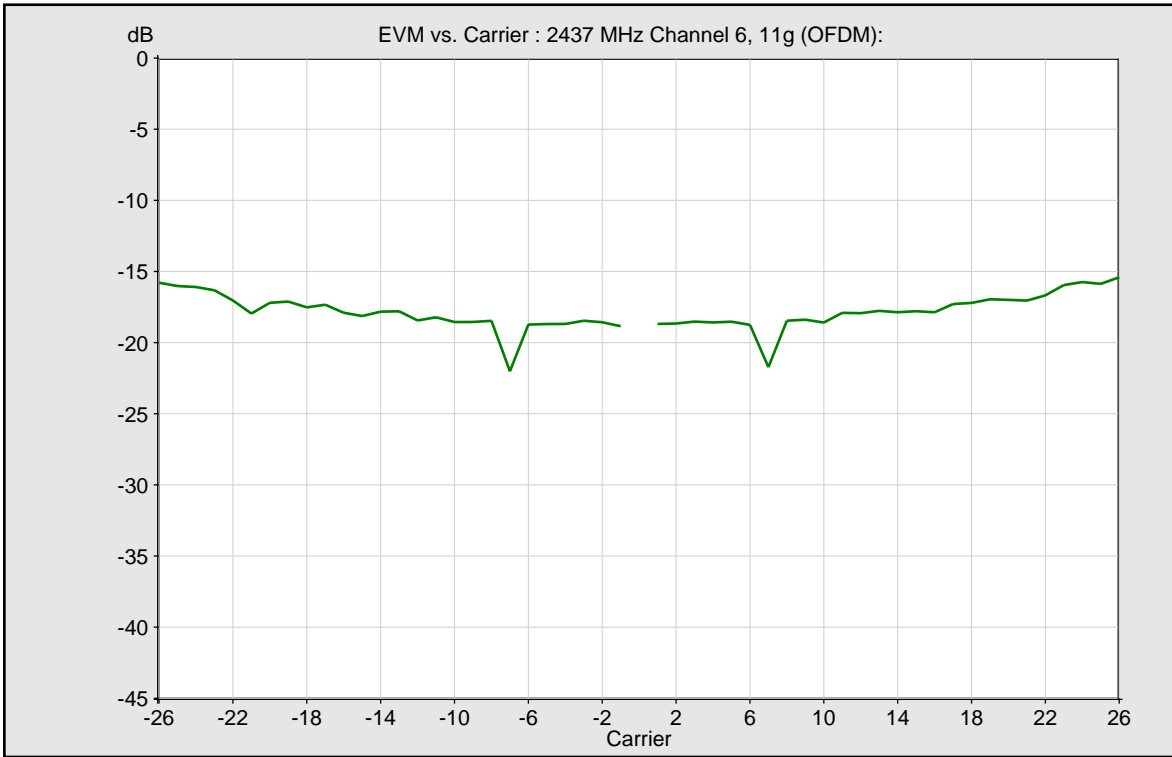
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.15	dB	Passed
Lower Margin Left Side (Average)	-6		-0.80	dB	Passed
Lower Margin Left Center (Average)	-4		-2.71	dB	Passed
Lower Margin Right Center (Average)	-4		-2.81	dB	Passed
Lower Margin Right Side (Average)	-6		-0.89	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-11.00	dB	Passed
Margin BC (Average)		0.00	-10.62	dB	Passed
Margin CD (Average)		0.00	-12.11	dB	Passed
Margin DE (Average)		0.00	-11.60	dB	Passed
Margin ED (Average)		0.00	-9.14	dB	Passed

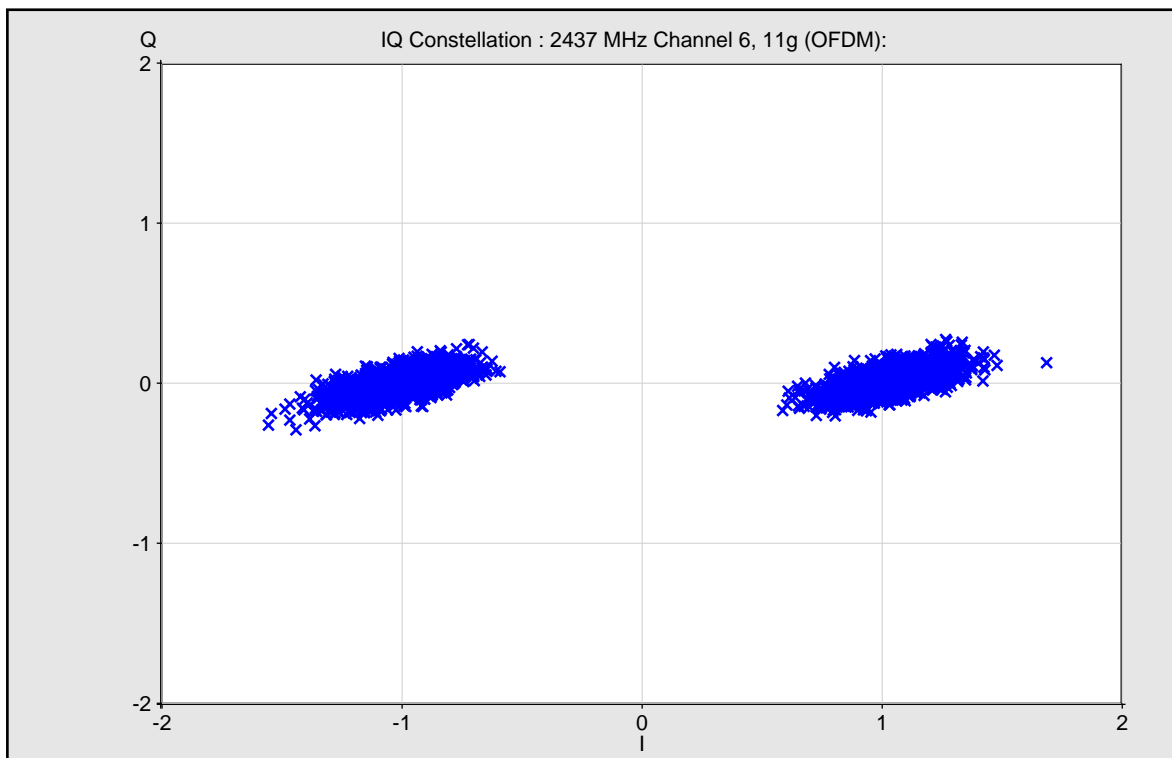
Margin DC (Average)		0.00	-9.14	dB	Passed
Margin CB (Average)		0.00	-13.32	dB	Passed
Margin BA (Average)		0.00	-13.81	dB	Passed
Occupied Bandwidth (Average)			16.37	MHz	

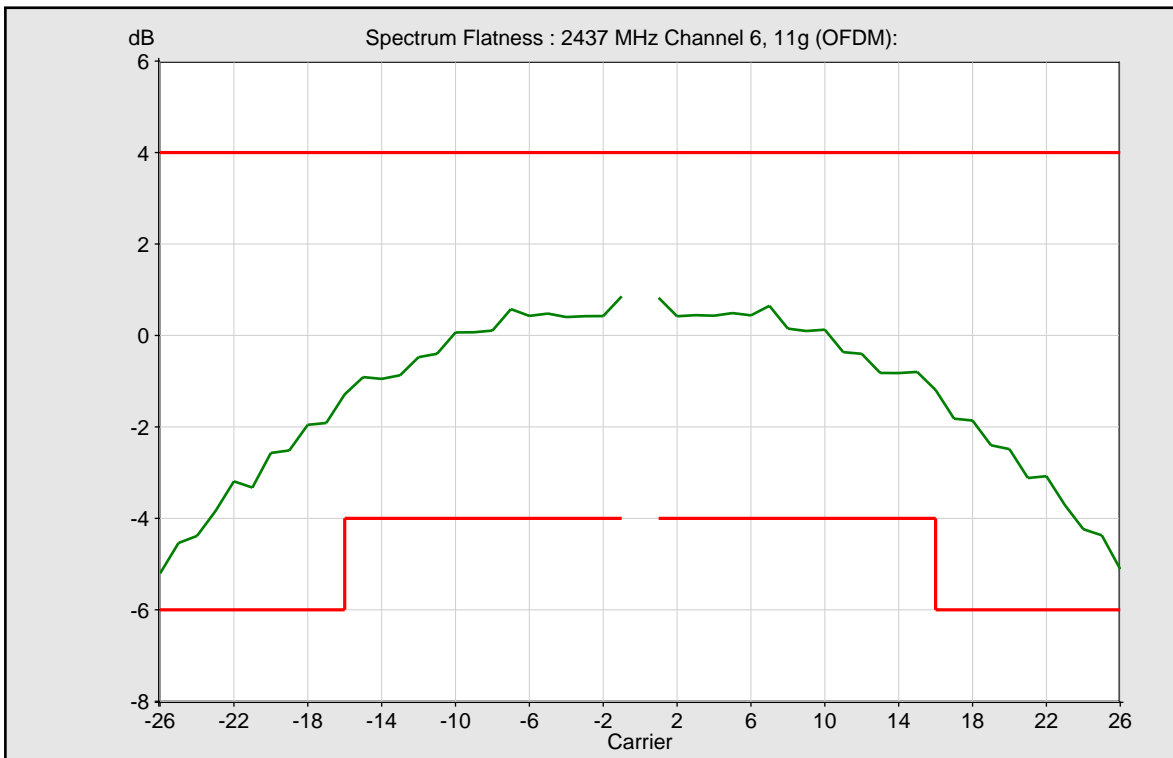


— Average

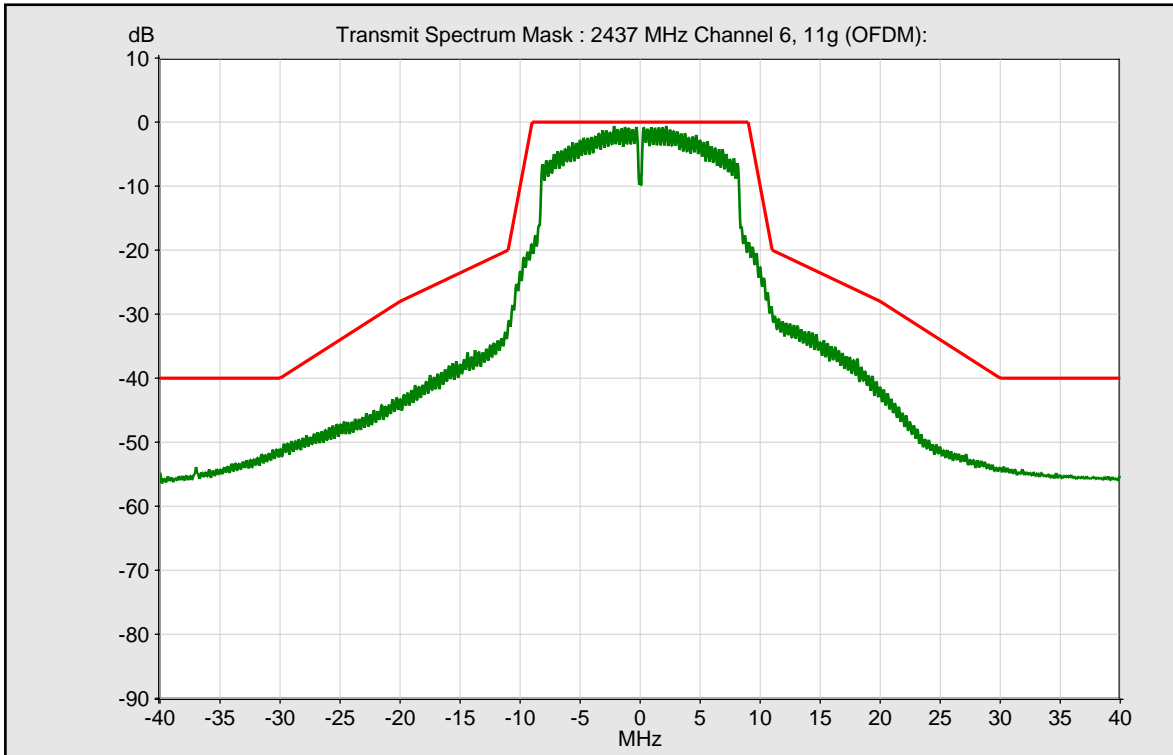


— Average

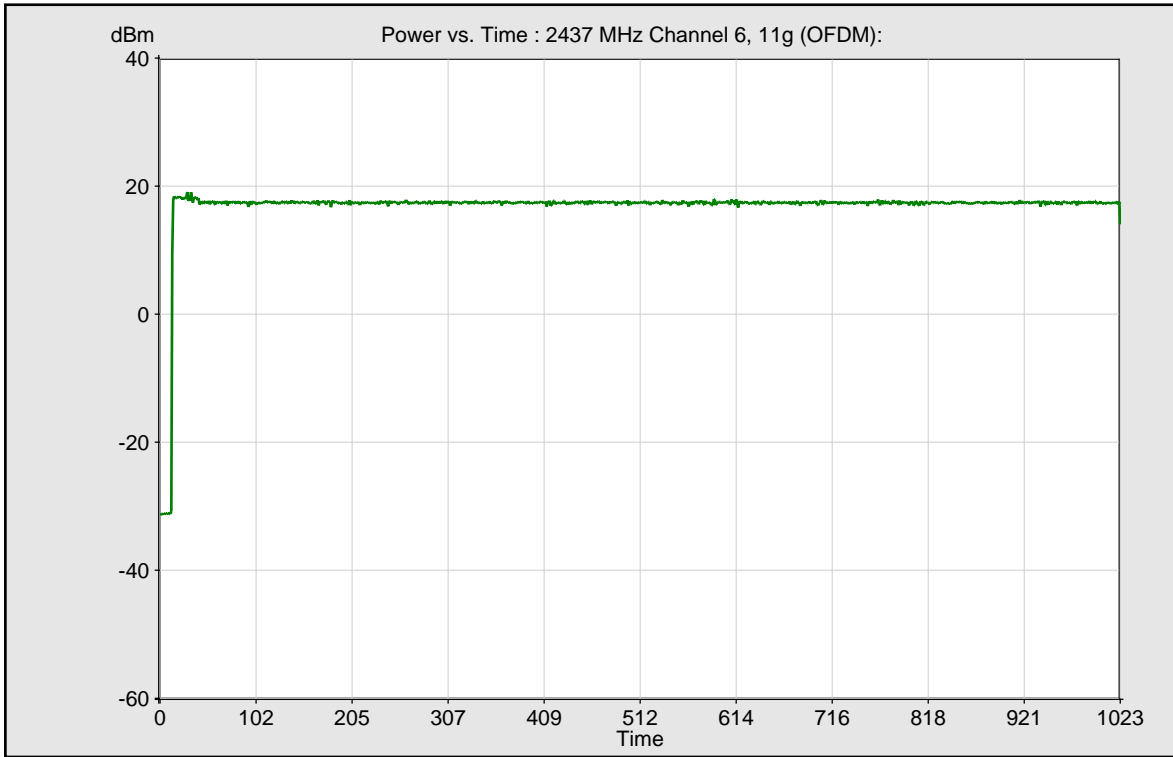




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 6 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 9 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

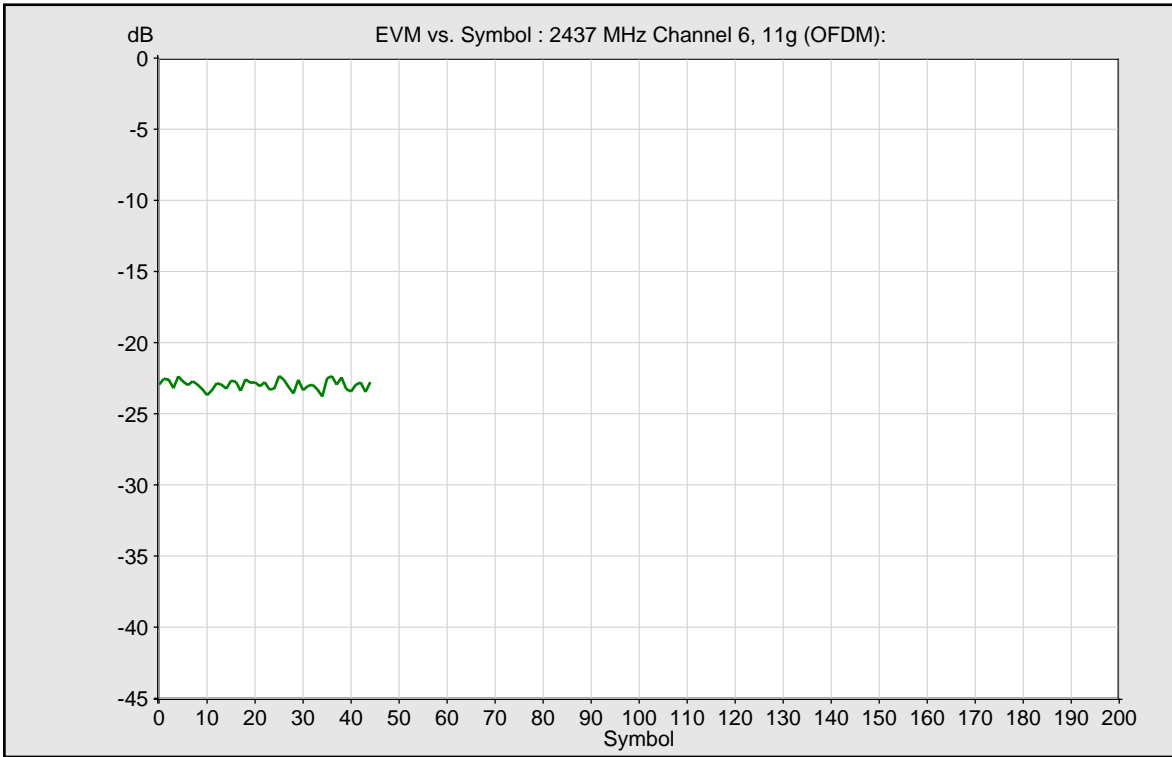
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2437 MHz (Channel 6), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			24 Mbps, 16-QAM 1/2	---	
Payload Length	16	1366	45	symbol	Passed
Burst Power (Average)	-100	30	16.36	dBm	Passed
EVM All Carriers (Average)		-16	-21.71	dB	Passed
EVM Data Carriers (Average)		-16	-21.59	dB	Passed
EVM Pilot Carriers (Average)		-8	-23.57	dB	Passed
Center Frequency Error (Average)	-60000	60000	20314.06	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.71	ppm	Passed
IQ Offset (Average)		-15	-27.66	dB	Passed
Gain Imbalance (Average)	-140	0	-0.23	dB	Passed
Quadrature Error (Average)	-180	180	-1.26	deg	Passed

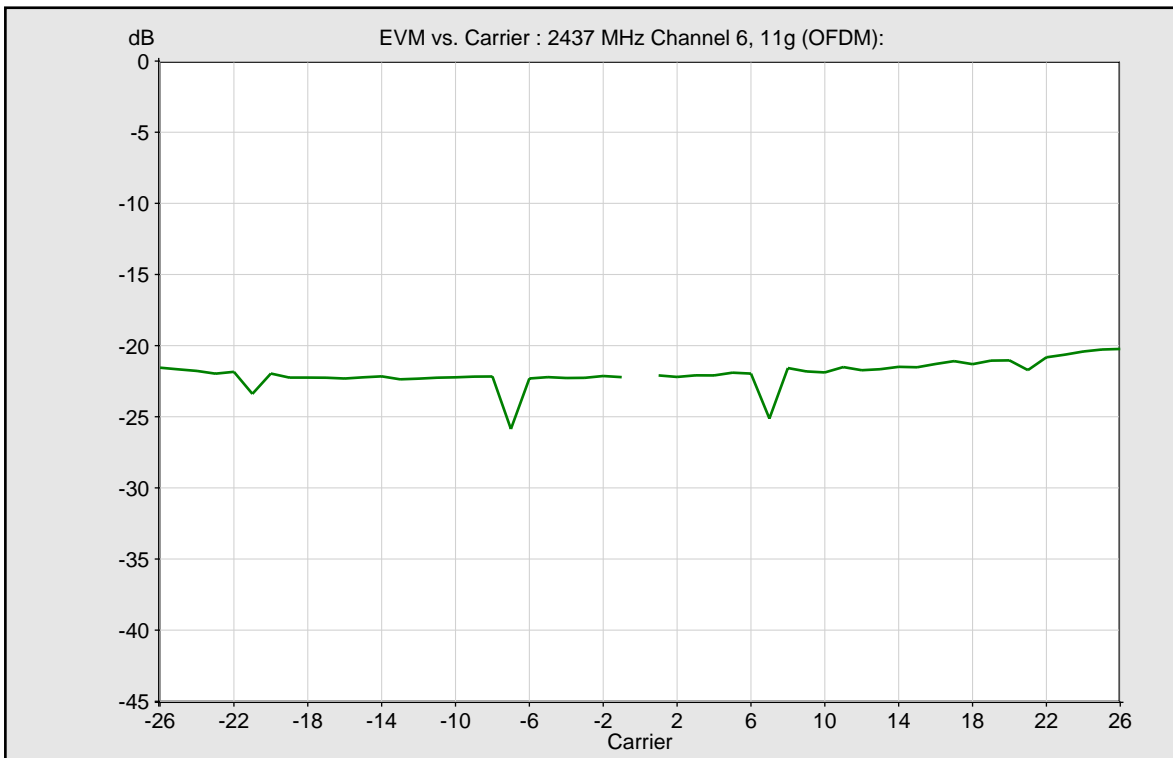
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.34	dB	Passed
Lower Margin Left Side (Average)	-6		-0.89	dB	Passed
Lower Margin Left Center (Average)	-4		-2.60	dB	Passed
Lower Margin Right Center (Average)	-4		-2.69	dB	Passed
Lower Margin Right Side (Average)	-6		-1.11	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-9.83	dB	Passed
Margin BC (Average)		0.00	-9.83	dB	Passed
Margin CD (Average)		0.00	-7.87	dB	Passed
Margin DE (Average)		0.00	-7.72	dB	Passed
Margin ED (Average)		0.00	-6.30	dB	Passed

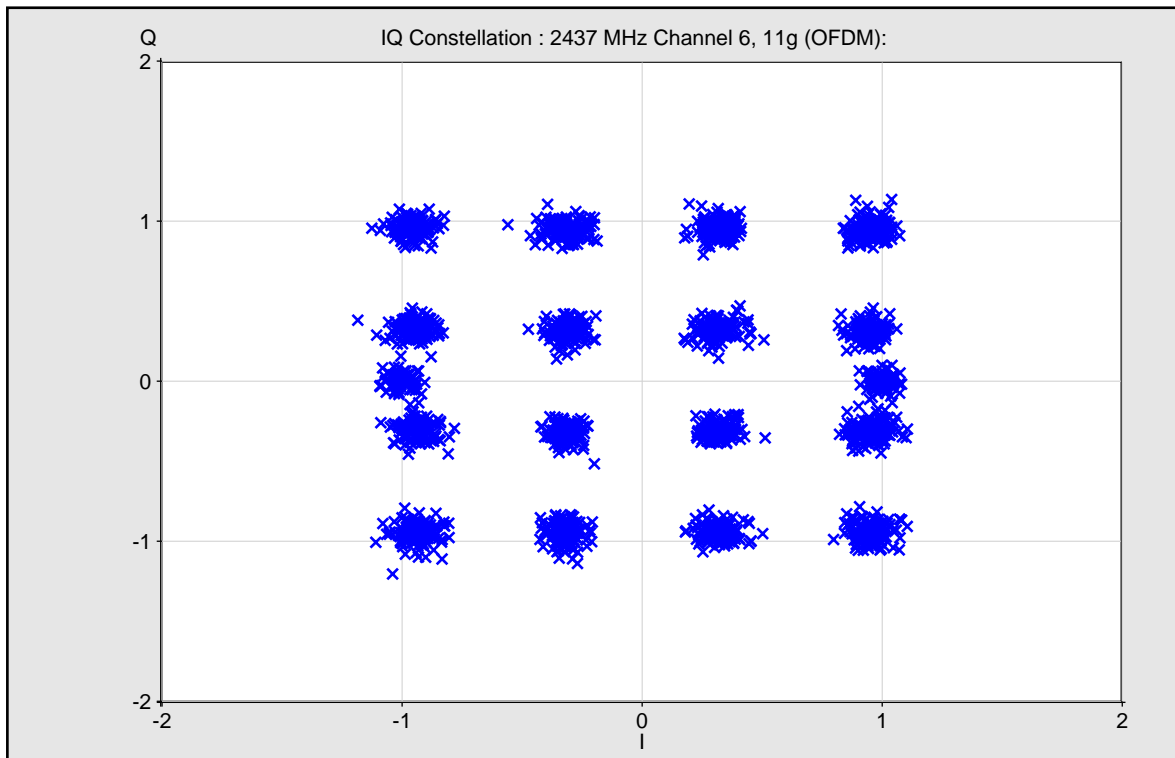
Margin DC (Average)		0.00	-6.30	dB	Passed
Margin CB (Average)		0.00	-11.24	dB	Passed
Margin BA (Average)		0.00	-11.70	dB	Passed
Occupied Bandwidth (Average)			16.50	MHz	

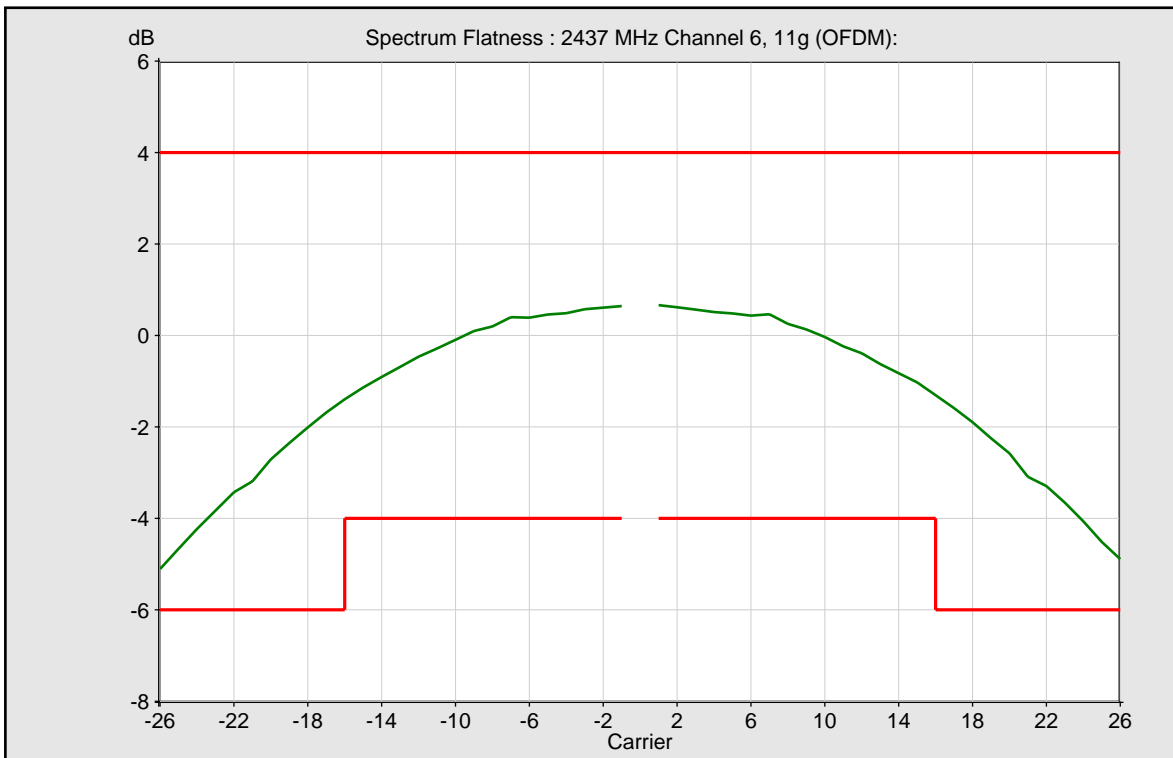


— Average

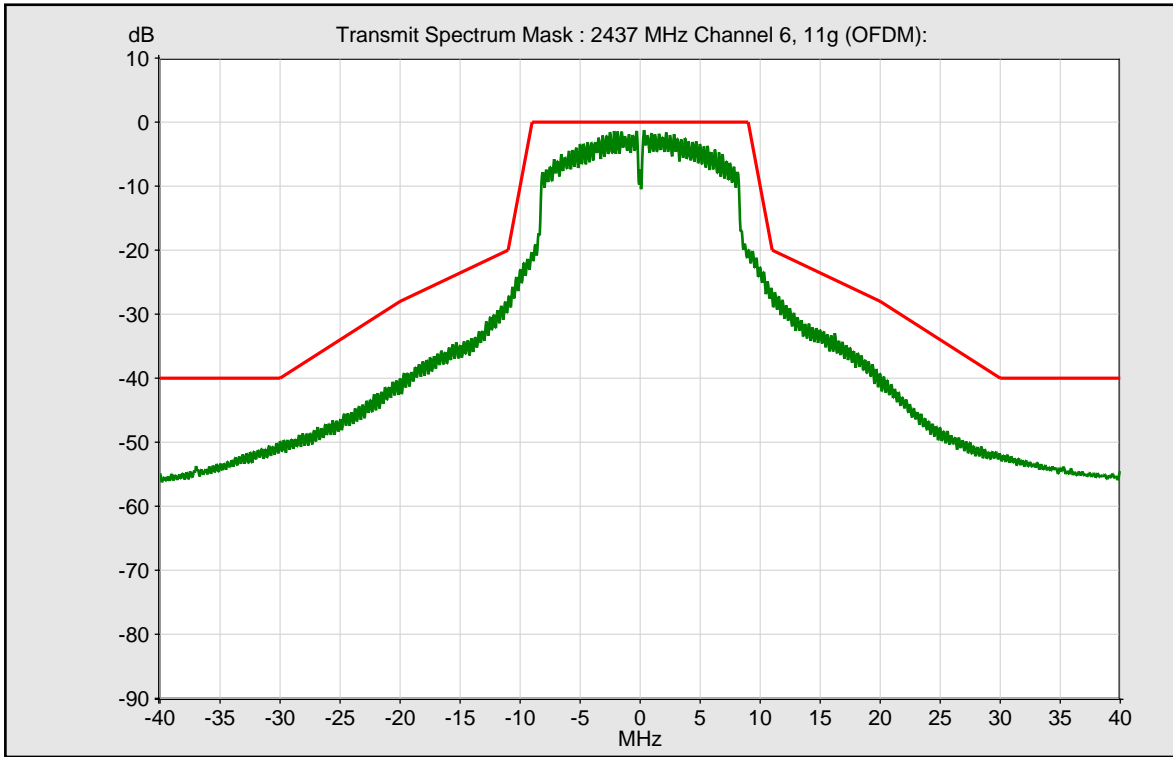


— Average

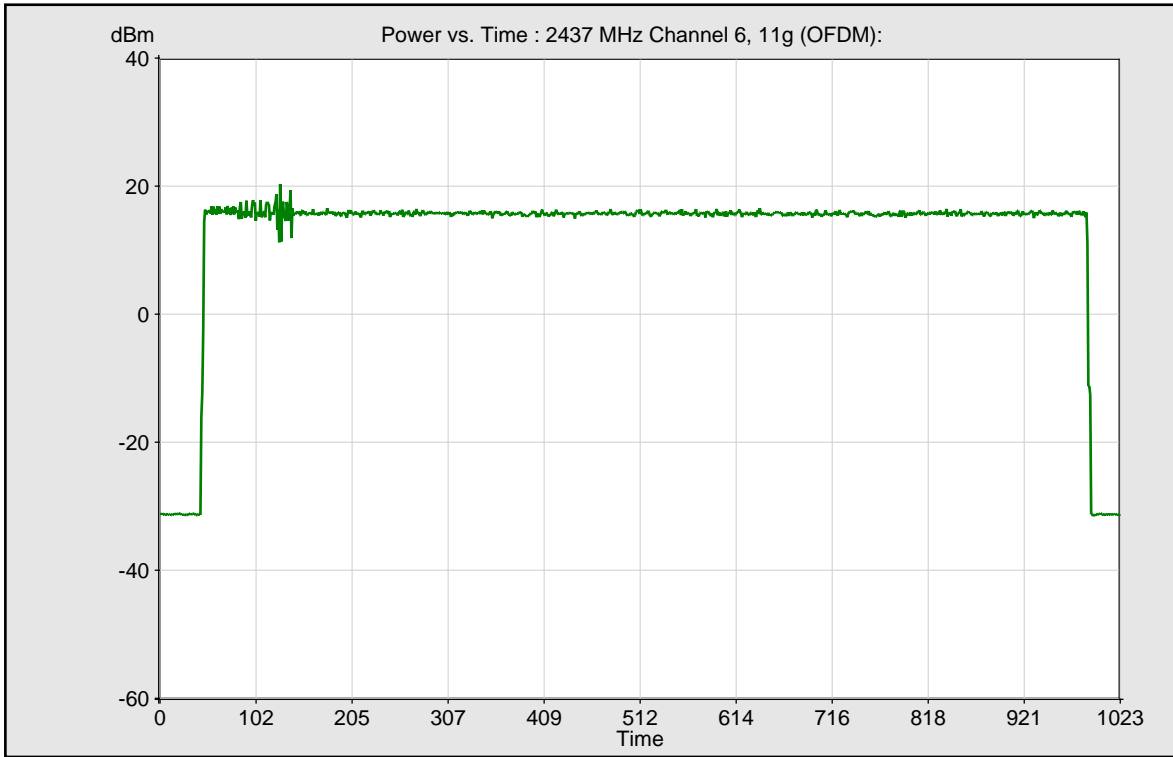




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 6 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 12 -length const packet 1200 -delay 1000 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

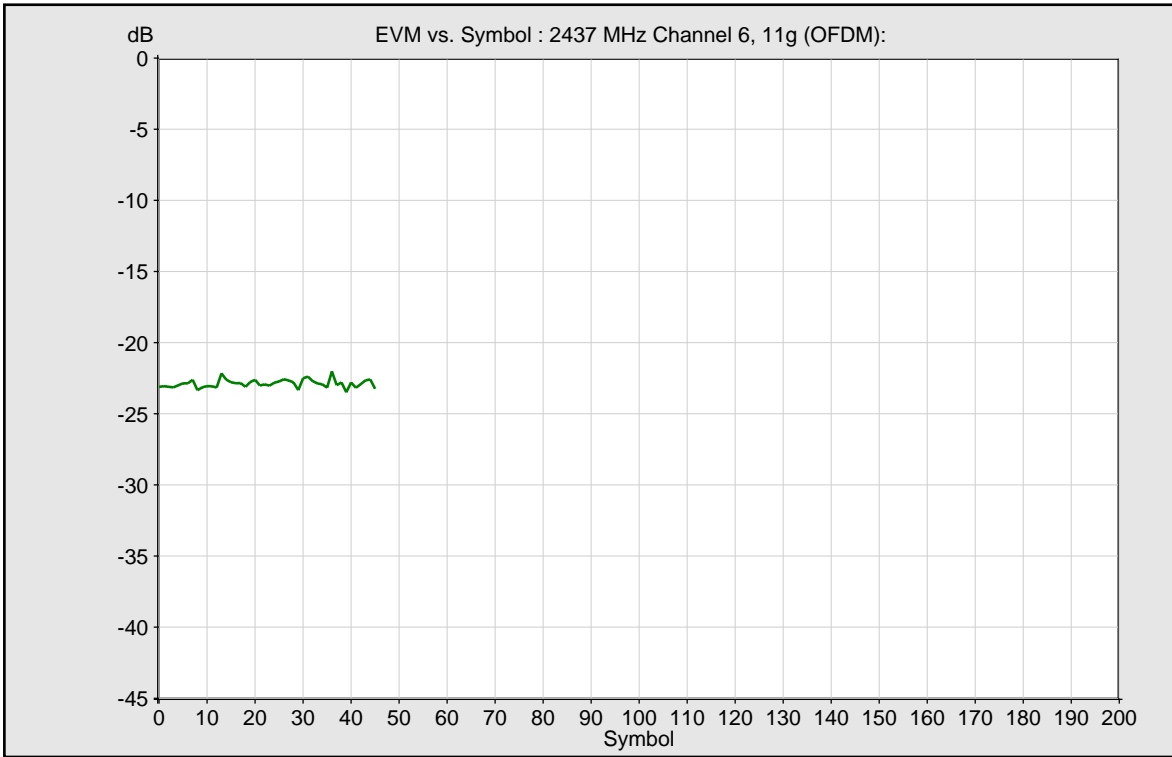
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2437 MHz (Channel 6), Packet Interval = 1000, Packet Size = 1200, 11g (OFDM)					
Modulation Type			54 Mbps, 64-QAM 3/4	---	
Payload Length	16	1366	46	symbol	Passed
Burst Power (Average)	-100	30	16.62	dBm	Passed
EVM All Carriers (Average)		-25	-22.09	dB	Failed
EVM Data Carriers (Average)		-25	-22.01	dB	Failed
EVM Pilot Carriers (Average)		-8	-23.34	dB	Passed
Center Frequency Error (Average)	-60000	60000	21100.80	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.75	ppm	Passed
IQ Offset (Average)		-15	-27.50	dB	Passed
Gain Imbalance (Average)	-140	0	-0.20	dB	Passed
Quadrature Error (Average)	-180	180	-1.05	deg	Passed

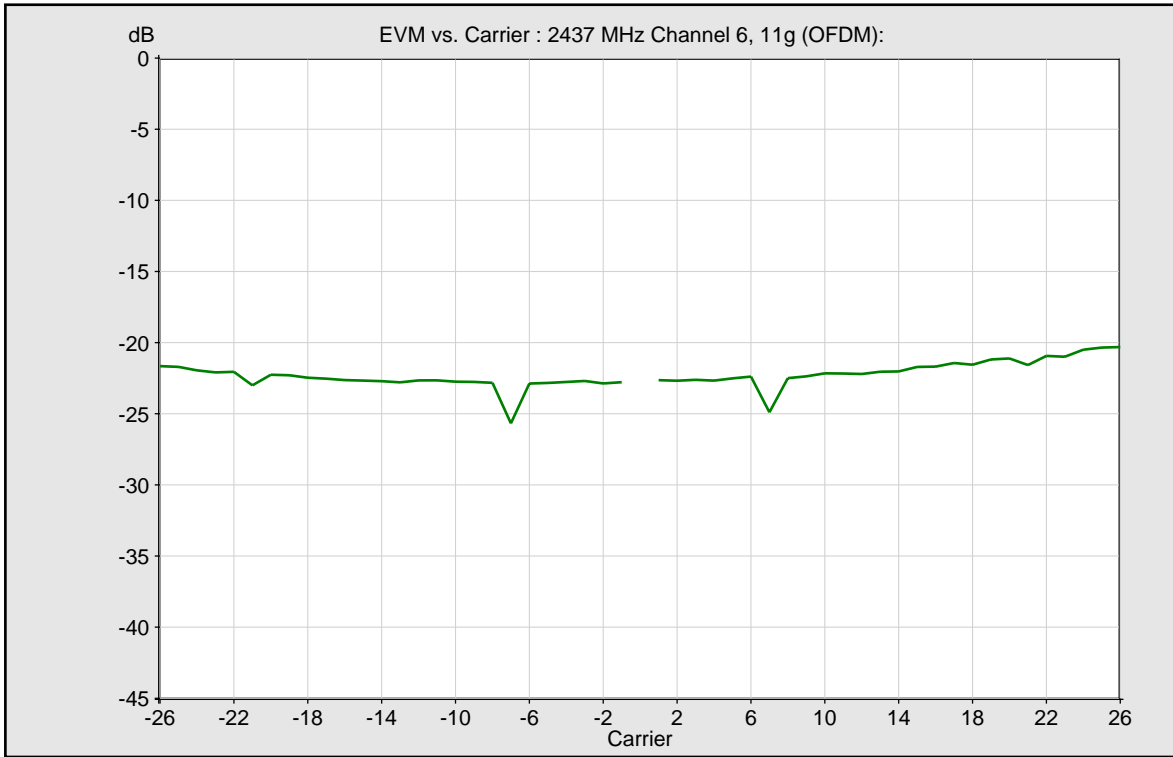
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.33	dB	Passed
Lower Margin Left Side (Average)	-6		-0.92	dB	Passed
Lower Margin Left Center (Average)	-4		-2.57	dB	Passed
Lower Margin Right Center (Average)	-4		-2.69	dB	Passed
Lower Margin Right Side (Average)	-6		-1.12	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-10.18	dB	Passed
Margin BC (Average)		0.00	-10.18	dB	Passed
Margin CD (Average)		0.00	-8.23	dB	Passed
Margin DE (Average)		0.00	-8.01	dB	Passed
Margin ED (Average)		0.00	-6.01	dB	Passed

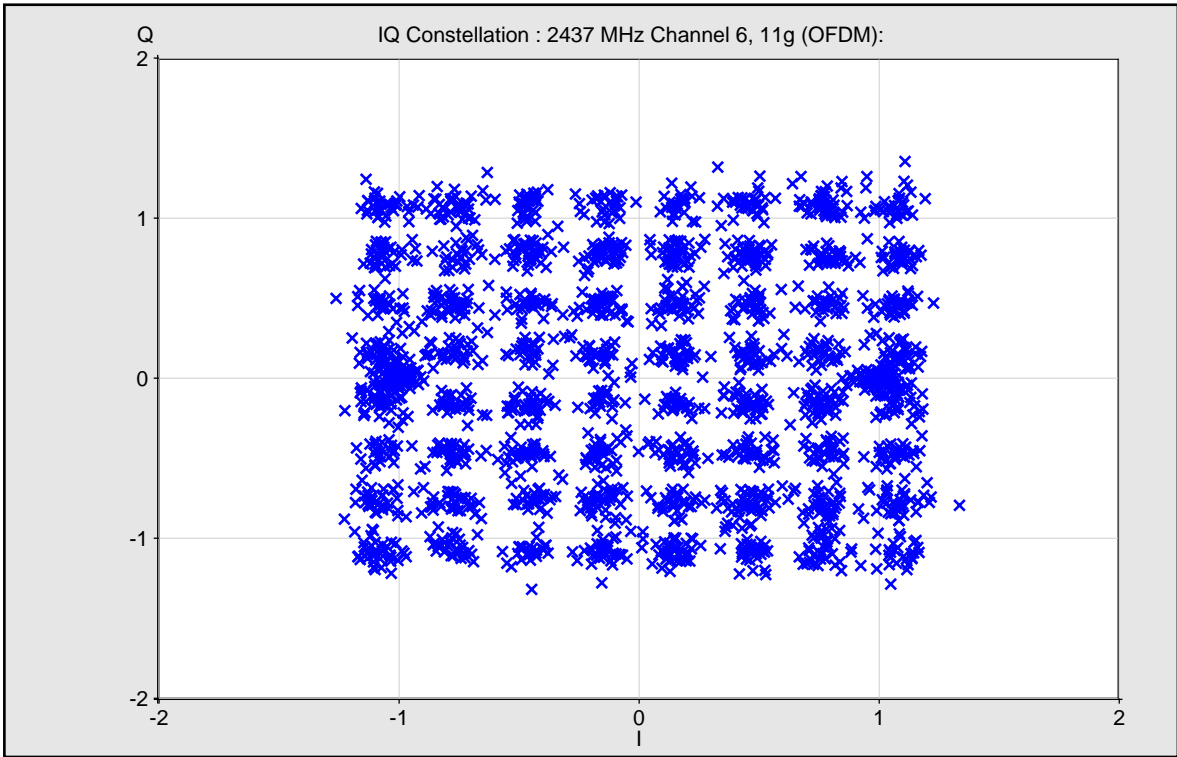
Margin DC (Average)		0.00	-6.01	dB	Passed
Margin CB (Average)		0.00	-11.43	dB	Passed
Margin BA (Average)		0.00	-12.06	dB	Passed
Occupied Bandwidth (Average)			16.47	MHz	

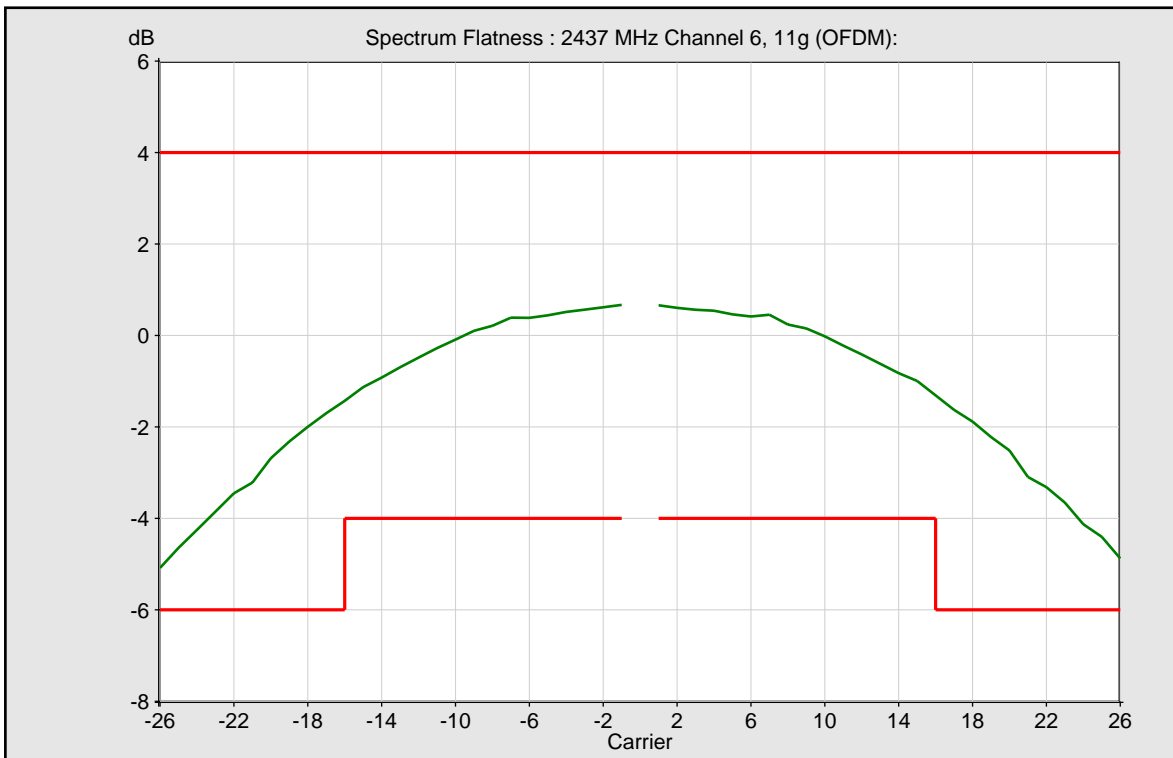


— Average

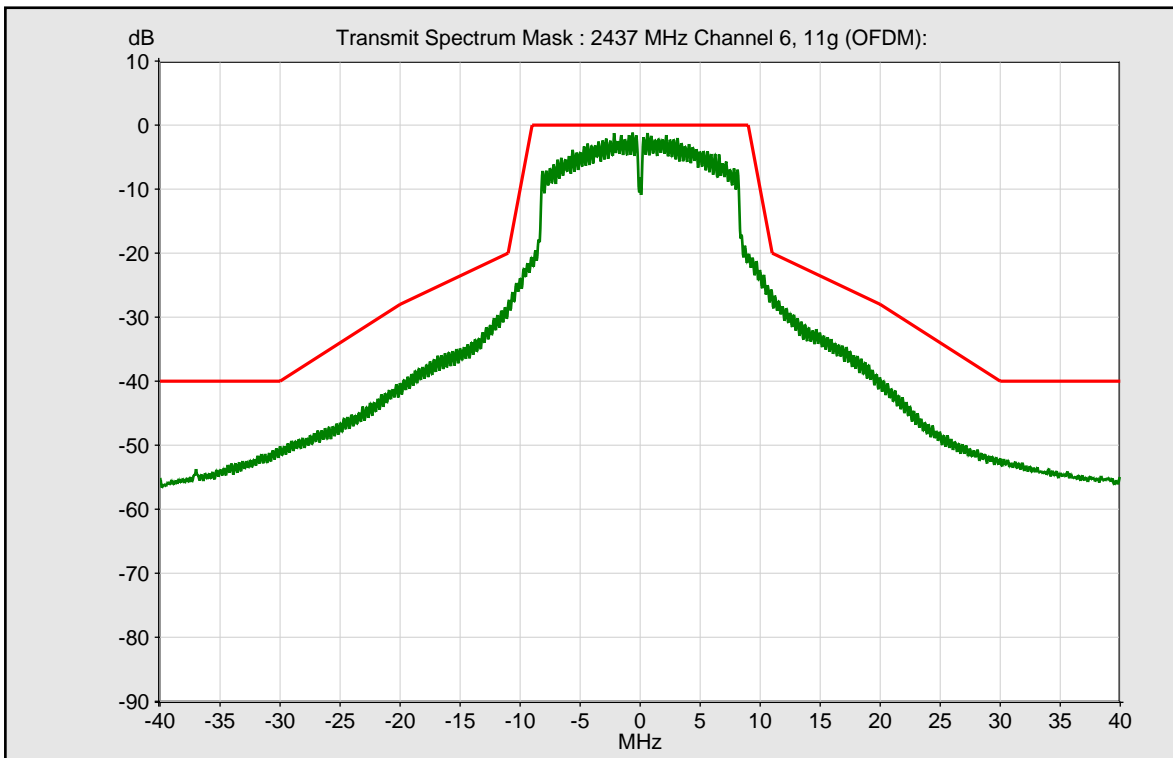


— Average

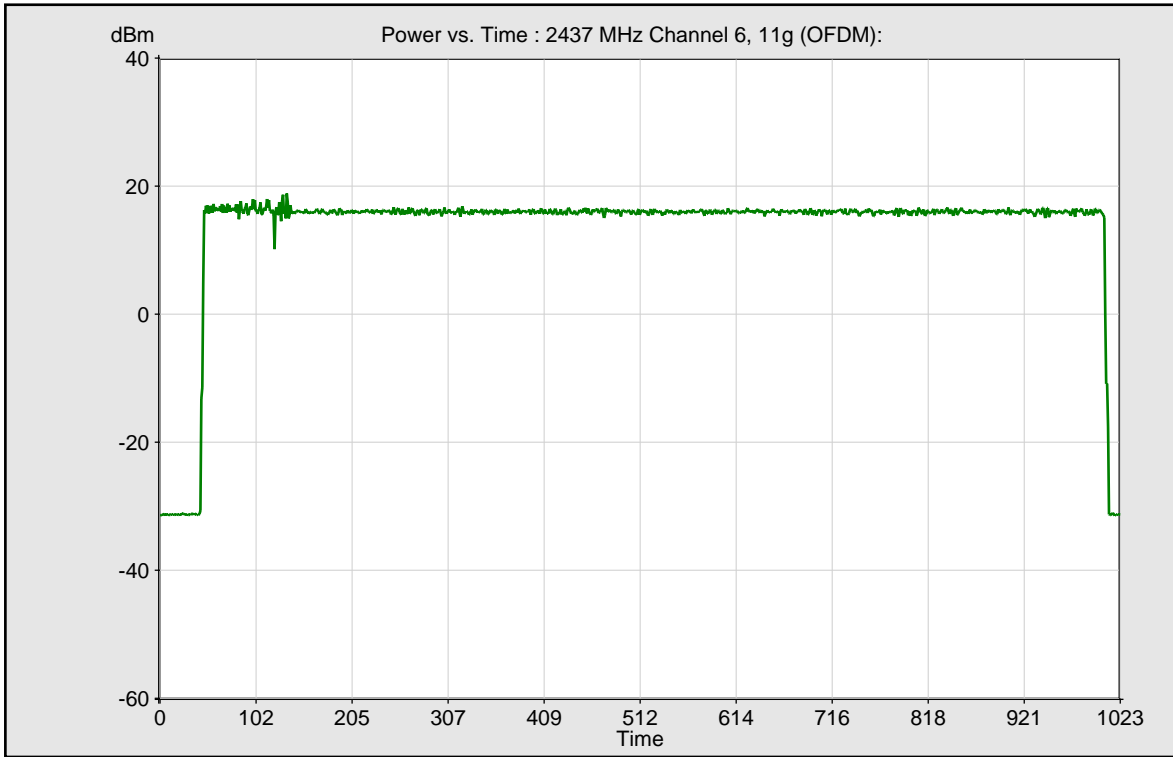




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 8 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 5 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

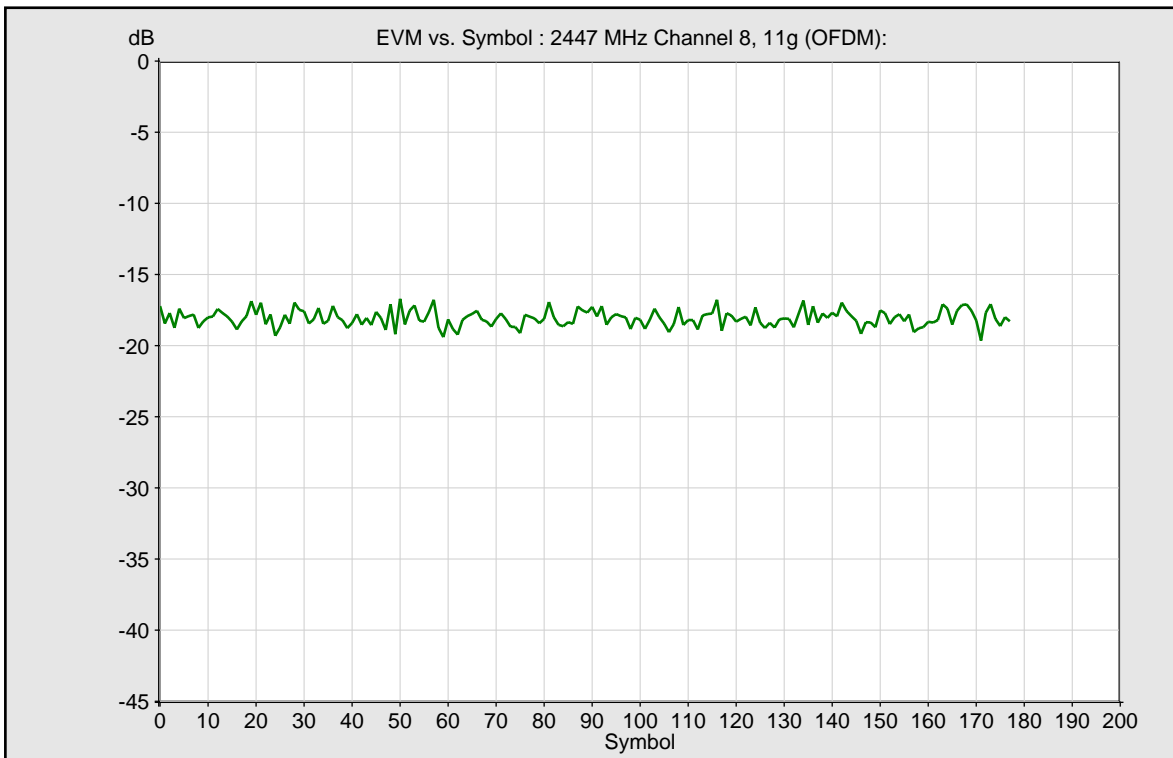
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2447 MHz (Channel 8), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			6 Mbps, BPSK 1/2	---	
Payload Length	16	1366	178	symbol	Passed
Burst Power (Average)	-100	30	17.57	dBm	Passed
EVM All Carriers (Average)		-5	-17.55	dB	Passed
EVM Data Carriers (Average)		-5	-17.45	dB	Passed
EVM Pilot Carriers (Average)		-8	-18.97	dB	Passed
Center Frequency Error (Average)	-60000	60000	19847.79	Hz	Passed
Symbol Clock Error (Average)	-25	25	7.69	ppm	Passed
IQ Offset (Average)		-15	-28.45	dB	Passed
Gain Imbalance (Average)	-140	0	-0.23	dB	Passed
Quadrature Error (Average)	-180	180	-1.32	deg	Passed

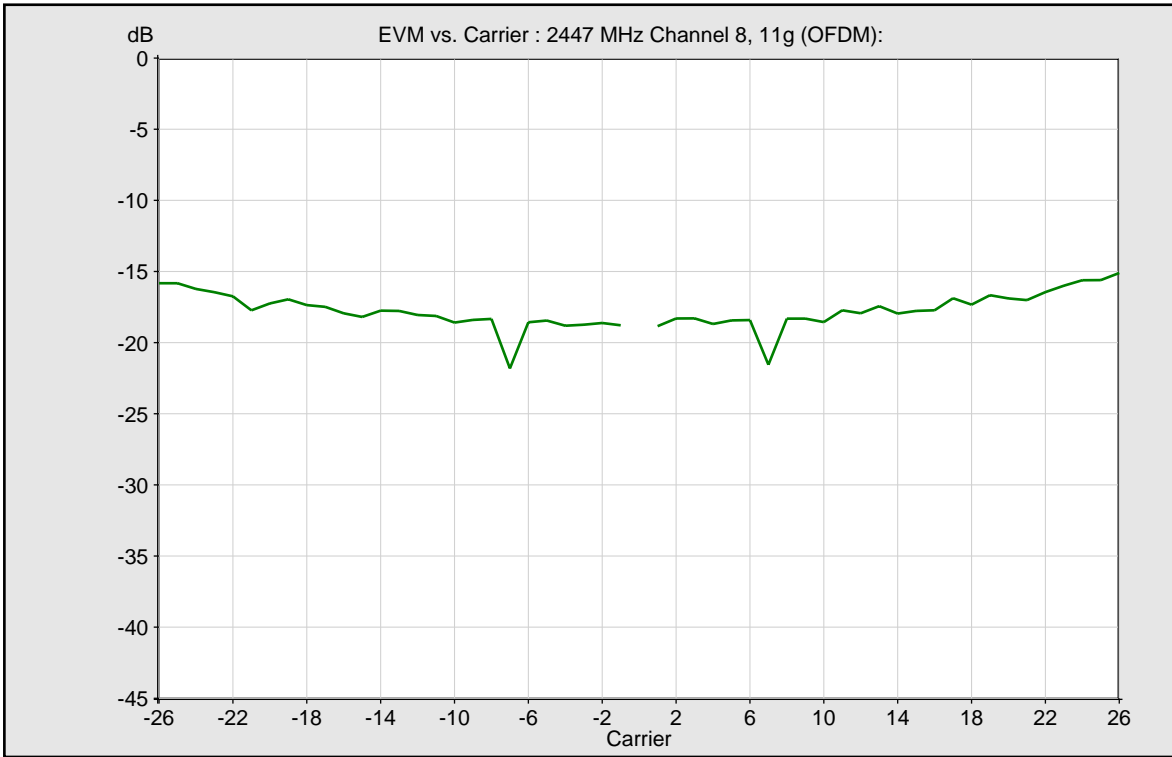
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.12	dB	Passed
Lower Margin Left Side (Average)	-6		-0.72	dB	Passed
Lower Margin Left Center (Average)	-4		-2.70	dB	Passed
Lower Margin Right Center (Average)	-4		-2.70	dB	Passed
Lower Margin Right Side (Average)	-6		-0.69	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-9.49	dB	Passed
Margin BC (Average)		0.00	-9.49	dB	Passed
Margin CD (Average)		0.00	-11.74	dB	Passed
Margin DE (Average)		0.00	-11.34	dB	Passed
Margin ED (Average)		0.00	-9.02	dB	Passed

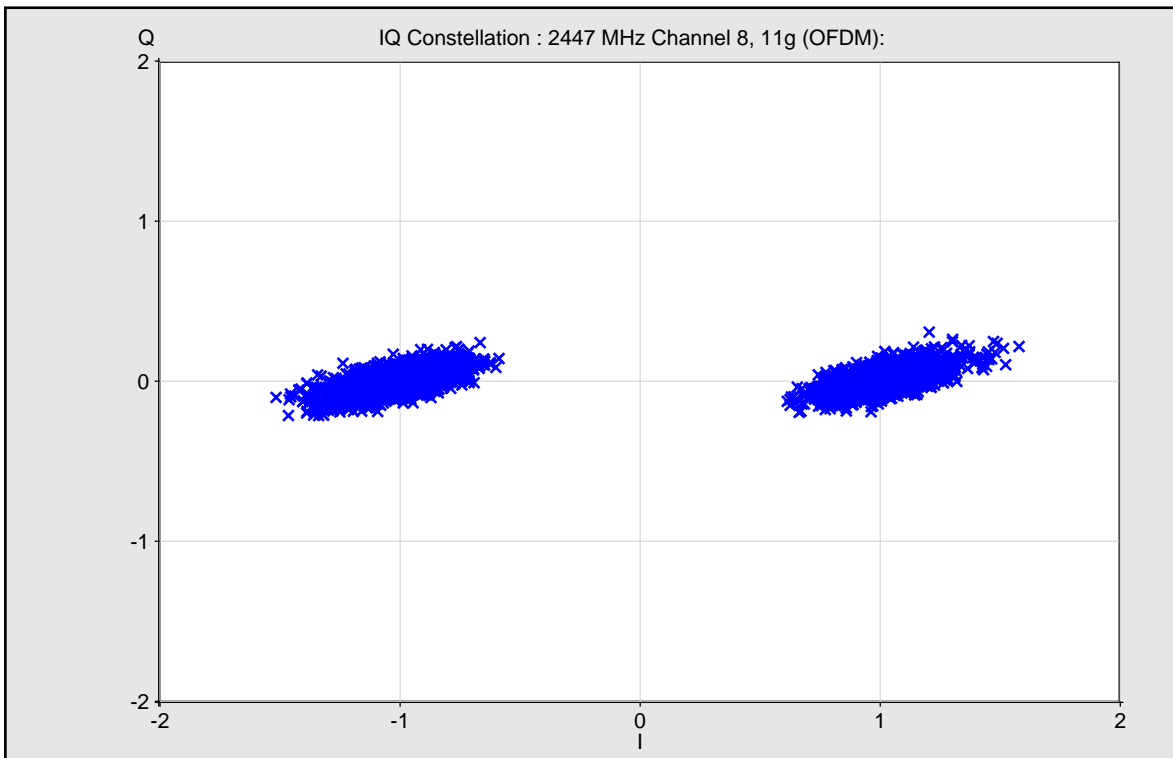
Margin DC (Average)		0.00	-9.02	dB	Passed
Margin CB (Average)		0.00	-12.83	dB	Passed
Margin BA (Average)		0.00	-13.69	dB	Passed
Occupied Bandwidth (Average)			16.37	MHz	

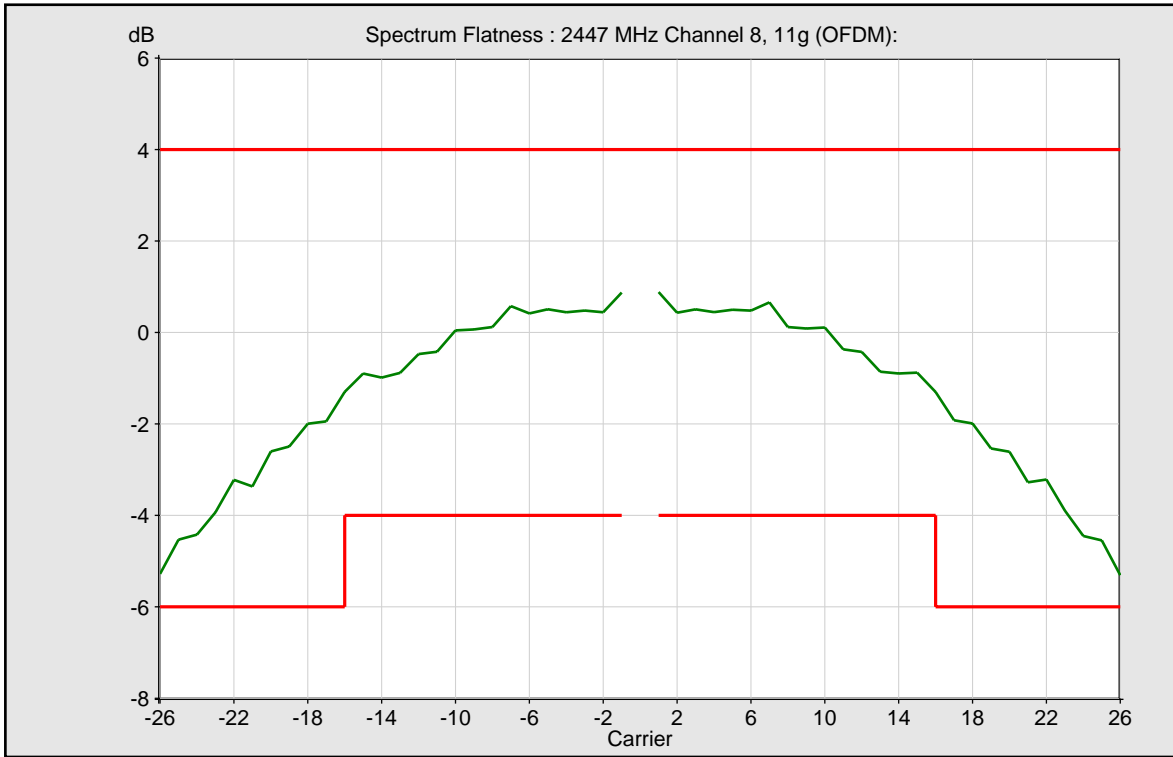


— Average

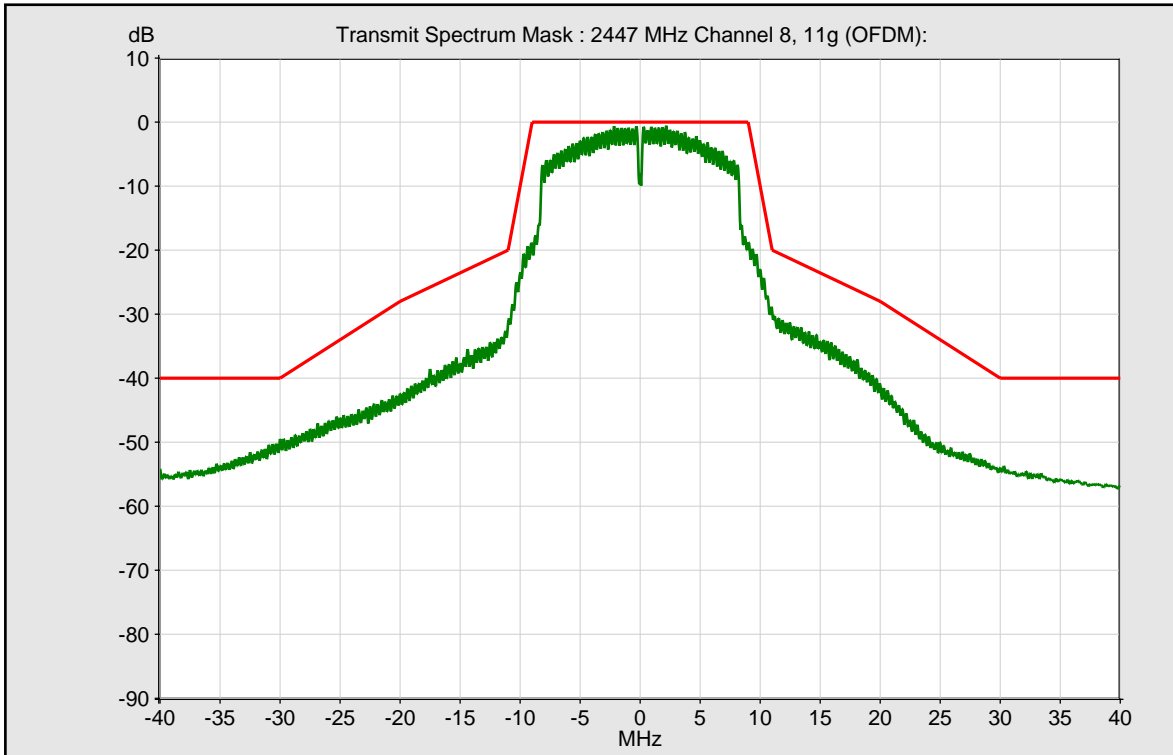


— Average

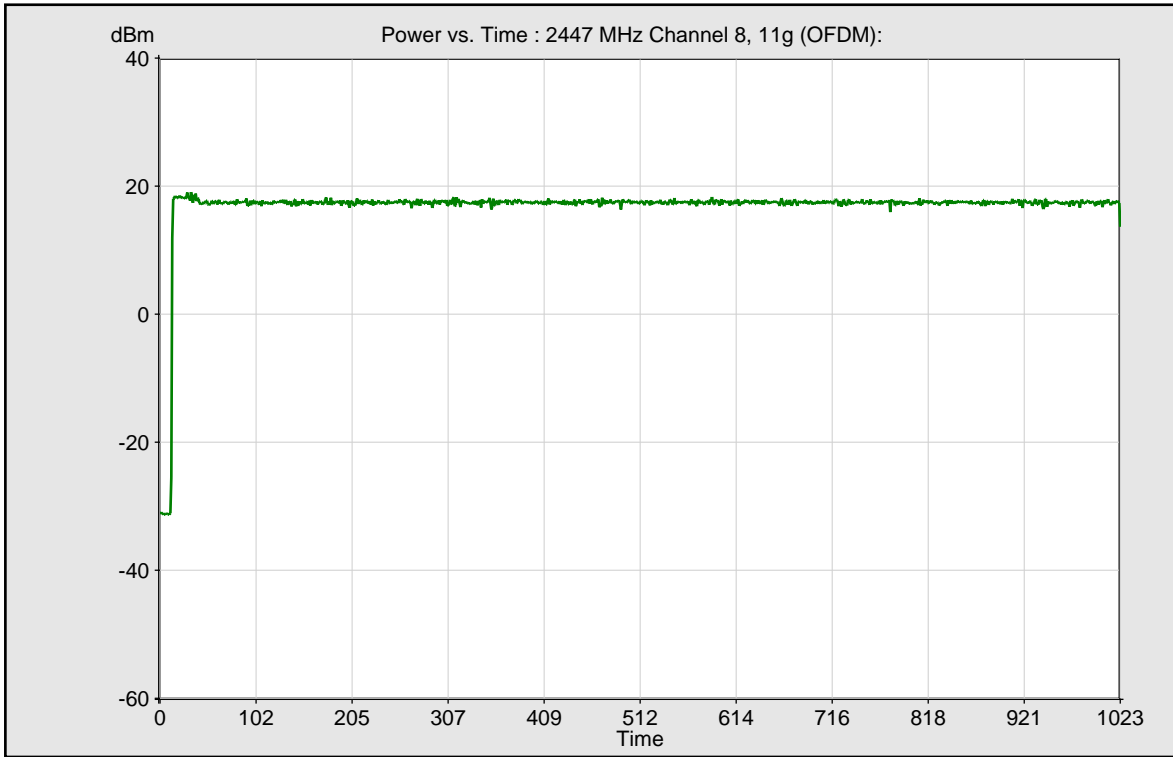




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```

calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 8 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 9 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
    
```

WLAN Signaling Tx Measurement: TX Measurement

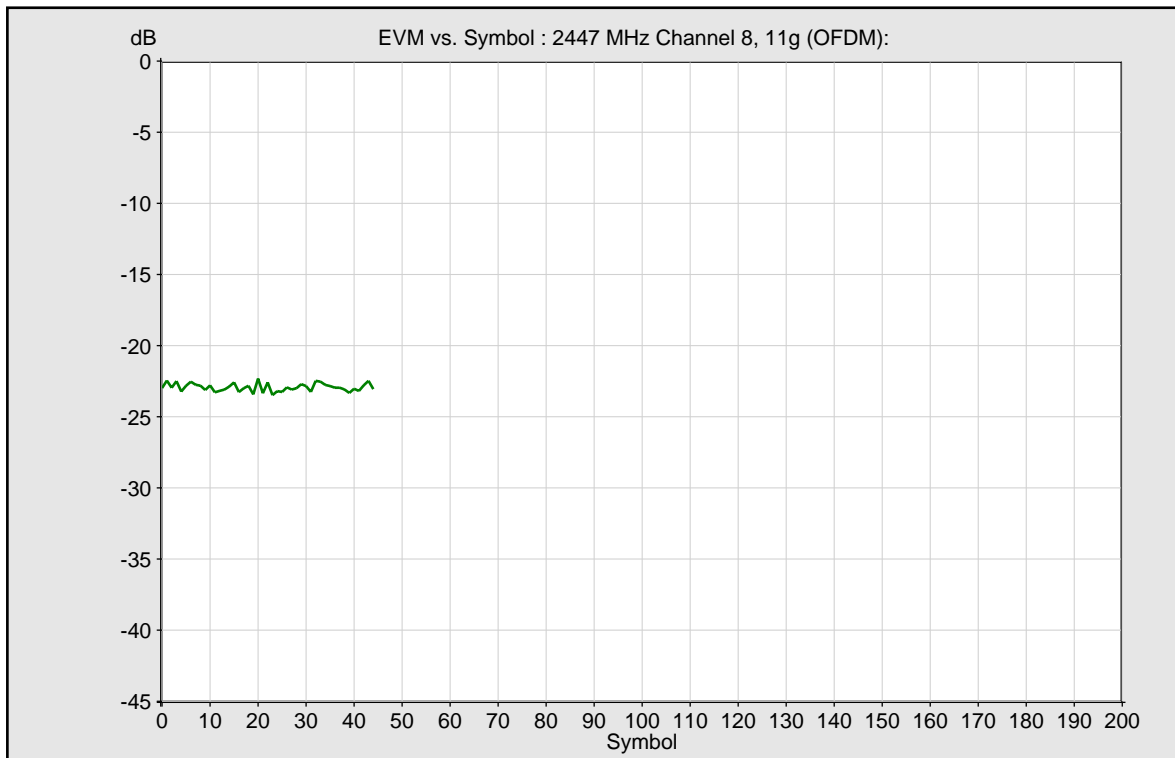
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2447 MHz (Channel 8), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			24 Mbps, 16-QAM 1/2	---	
Payload Length	16	1366	45	symbol	Passed
Burst Power (Average)	-100	30	16.42	dBm	Passed
EVM All Carriers (Average)		-16	-21.82	dB	Passed
EVM Data Carriers (Average)		-16	-21.70	dB	Passed
EVM Pilot Carriers (Average)		-8	-23.66	dB	Passed
Center Frequency Error (Average)	-60000	60000	20153.14	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.39	ppm	Passed
IQ Offset (Average)		-15	-27.65	dB	Passed
Gain Imbalance (Average)	-140	0	-0.24	dB	Passed
Quadrature Error (Average)	-180	180	-1.29	deg	Passed

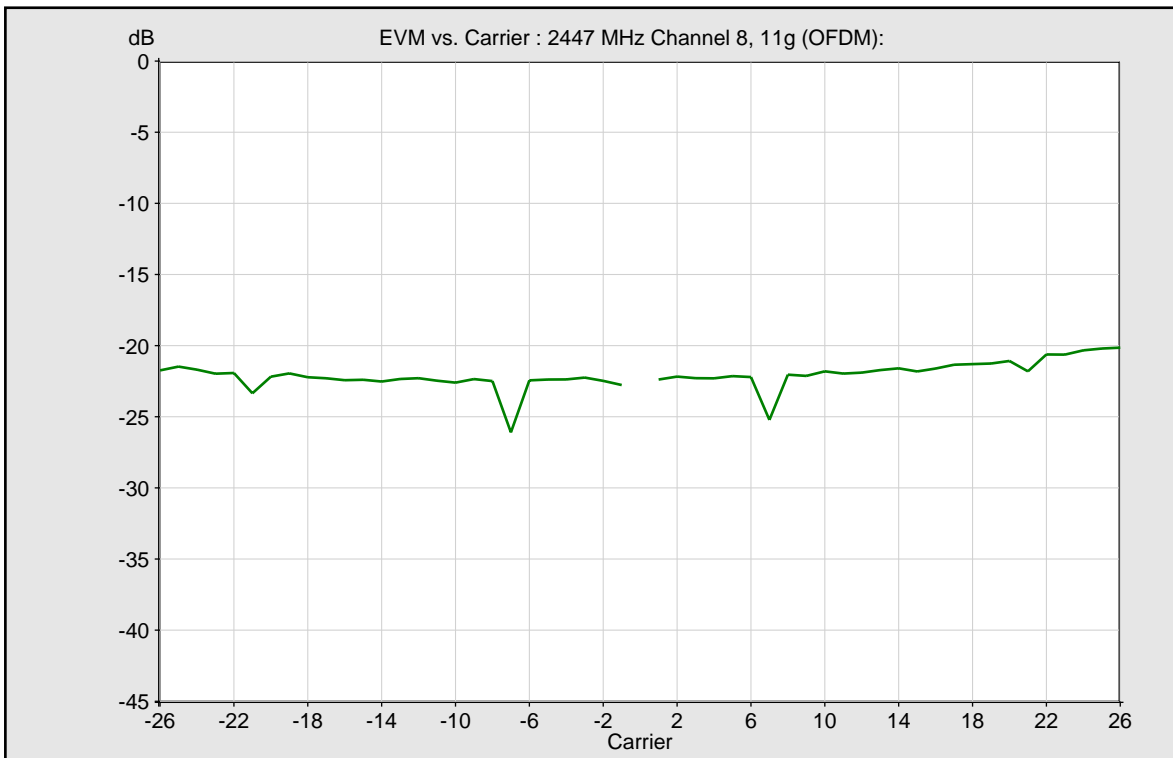
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.30	dB	Passed
Lower Margin Left Side (Average)	-6		-0.88	dB	Passed
Lower Margin Left Center (Average)	-4		-2.60	dB	Passed
Lower Margin Right Center (Average)	-4		-2.59	dB	Passed
Lower Margin Right Side (Average)	-6		-0.88	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-9.86	dB	Passed
Margin BC (Average)		0.00	-9.79	dB	Passed
Margin CD (Average)		0.00	-7.77	dB	Passed
Margin DE (Average)		0.00	-7.72	dB	Passed
Margin ED (Average)		0.00	-6.50	dB	Passed

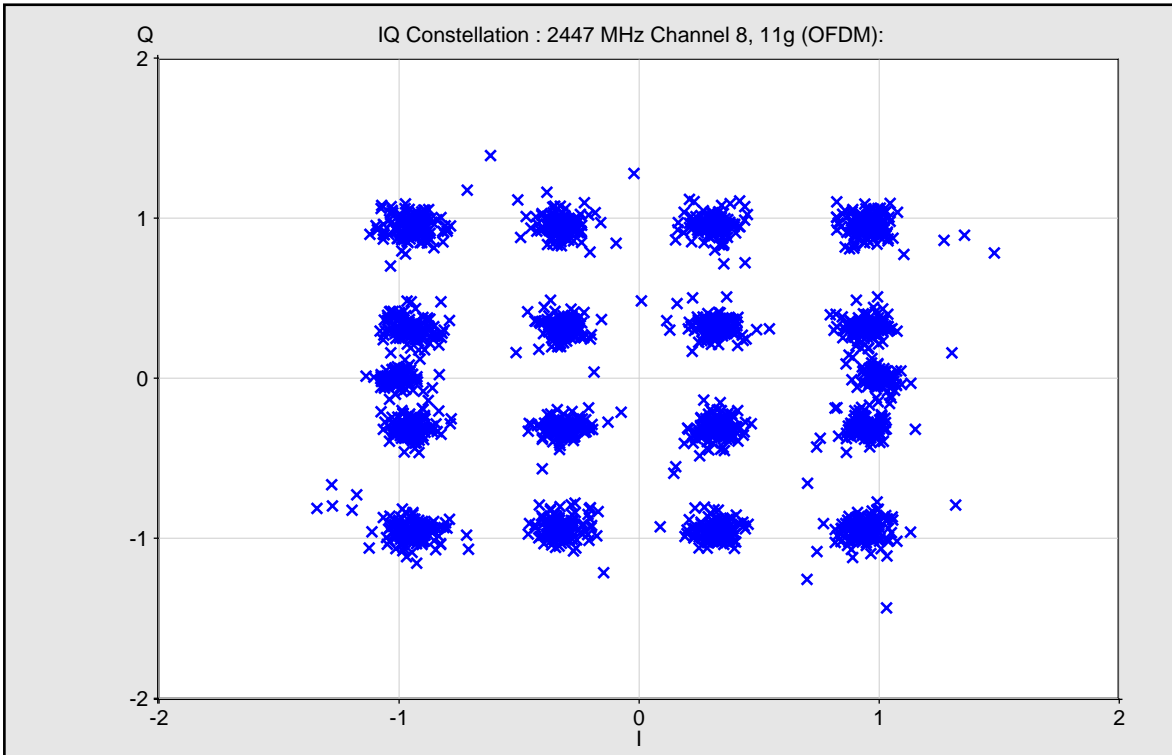
Margin DC (Average)		0.00	-6.50	dB	Passed
Margin CB (Average)		0.00	-11.15	dB	Passed
Margin BA (Average)		0.00	-12.58	dB	Passed
Occupied Bandwidth (Average)			16.47	MHz	

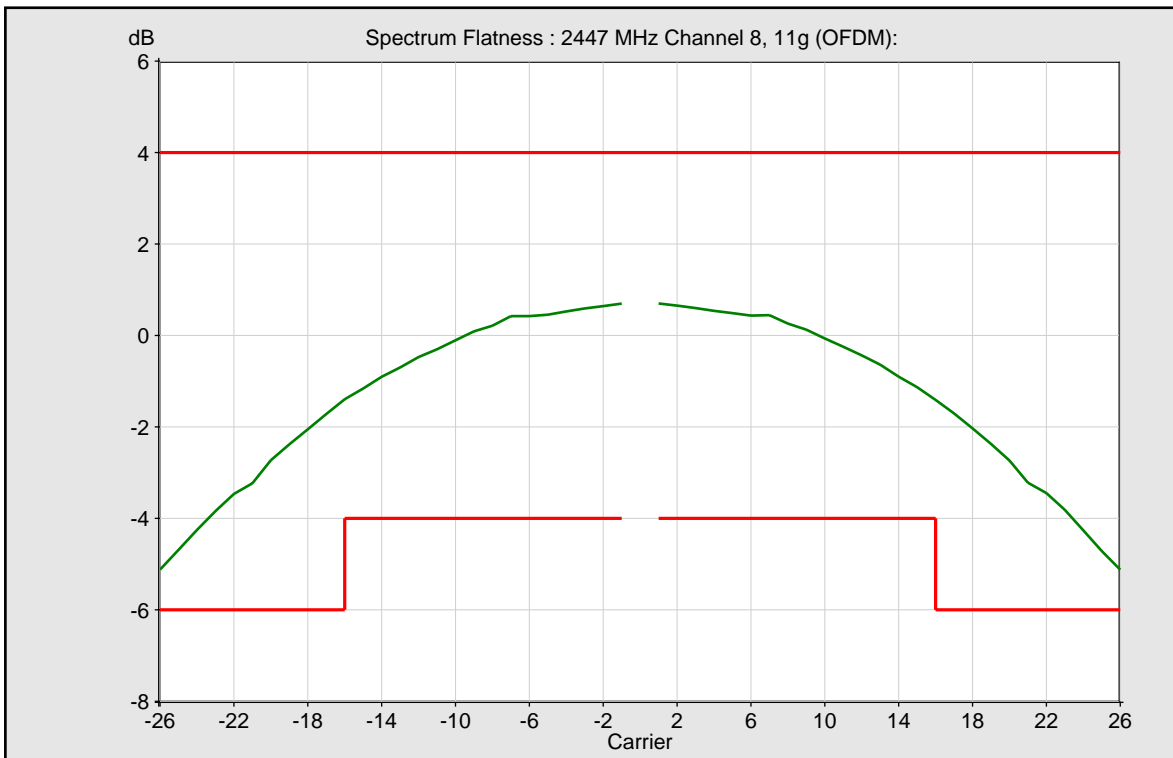


— Average

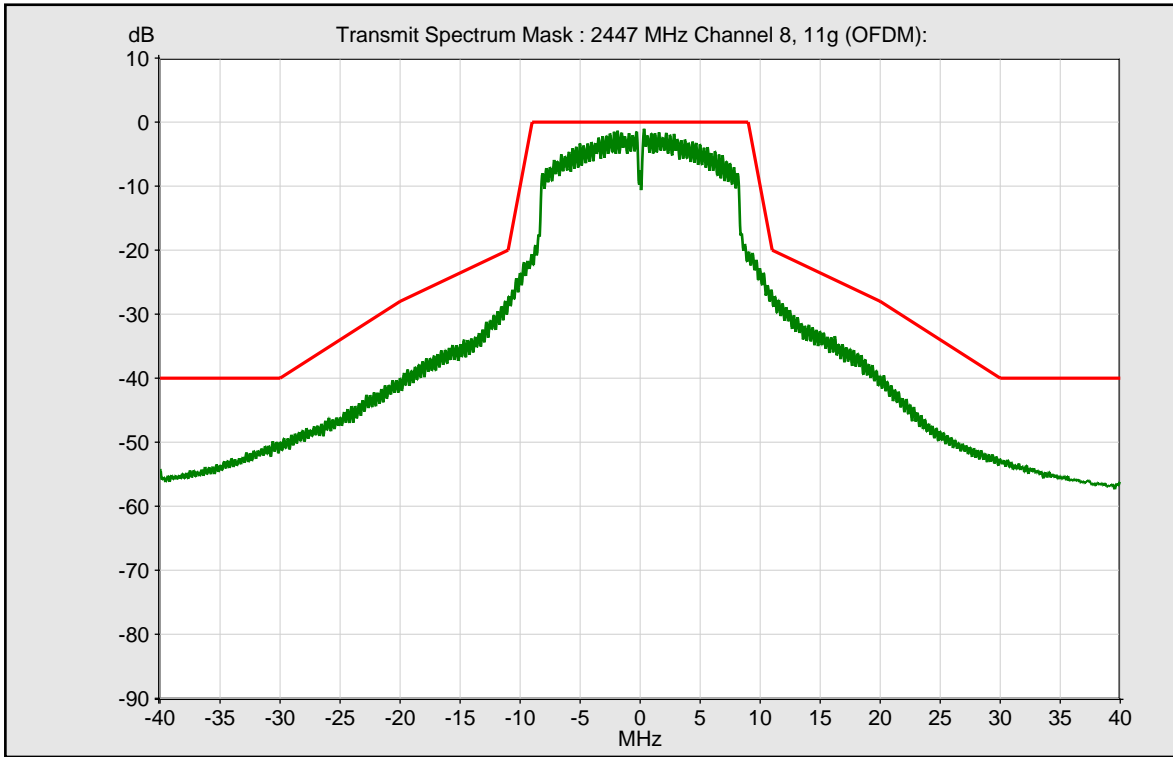


— Average

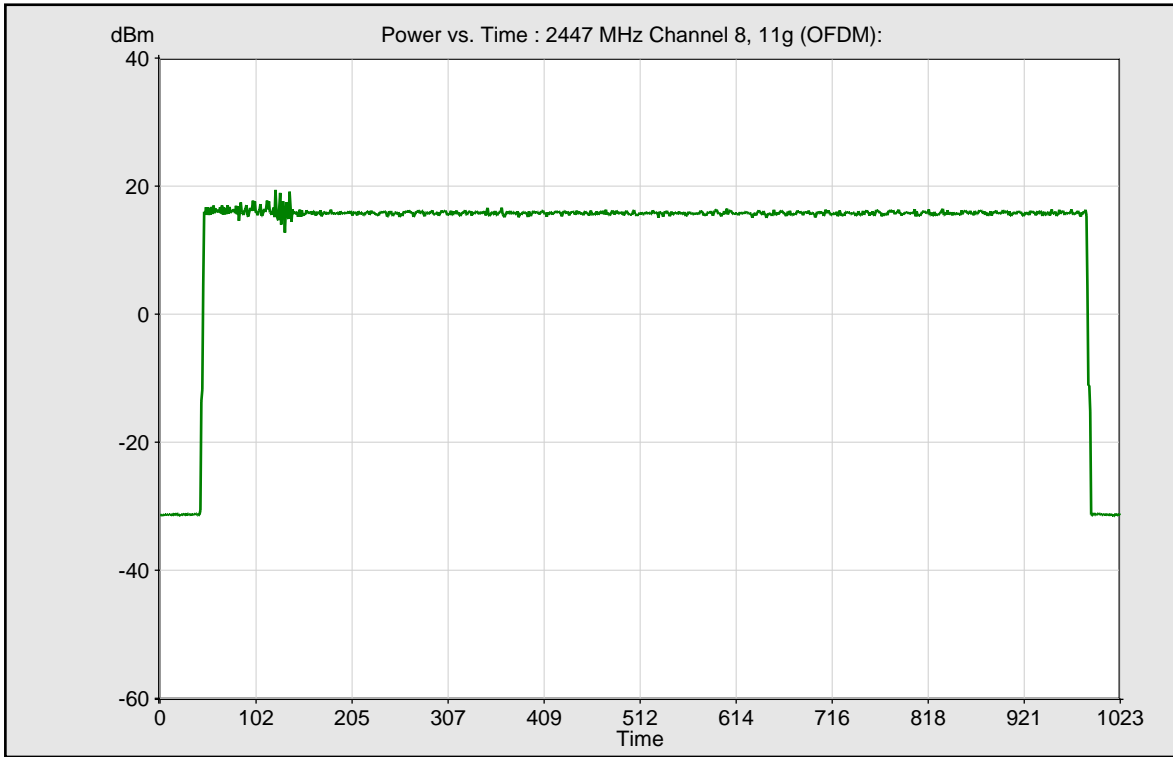




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 8 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 12 -length const packet 1200 -delay 1000 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

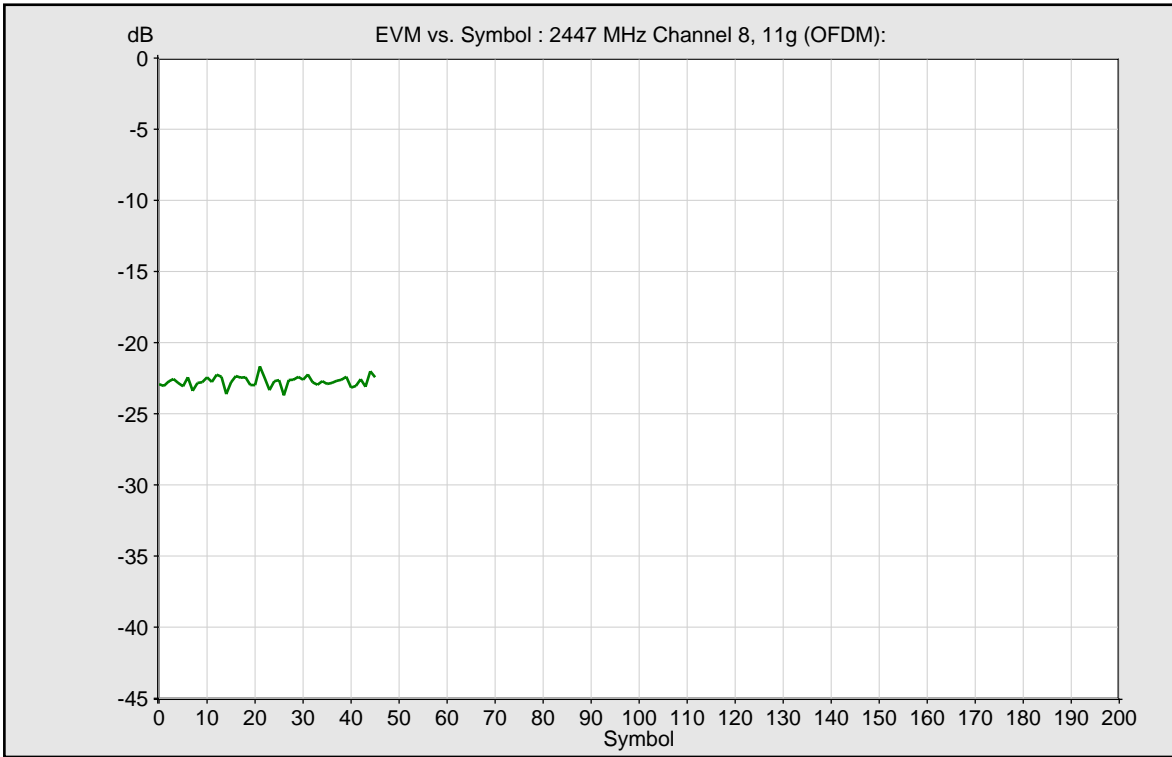
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2447 MHz (Channel 8), Packet Interval = 1000, Packet Size = 1200, 11g (OFDM)					
Modulation Type			54 Mbps, 64-QAM 3/4	---	
Payload Length	16	1366	46	symbol	Passed
Burst Power (Average)	-100	30	16.69	dBm	Passed
EVM All Carriers (Average)		-25	-21.89	dB	Failed
EVM Data Carriers (Average)		-25	-21.79	dB	Failed
EVM Pilot Carriers (Average)		-8	-23.22	dB	Passed
Center Frequency Error (Average)	-60000	60000	20938.82	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.91	ppm	Passed
IQ Offset (Average)		-15	-27.35	dB	Passed
Gain Imbalance (Average)	-140	0	-0.19	dB	Passed
Quadrature Error (Average)	-180	180	-1.03	deg	Passed

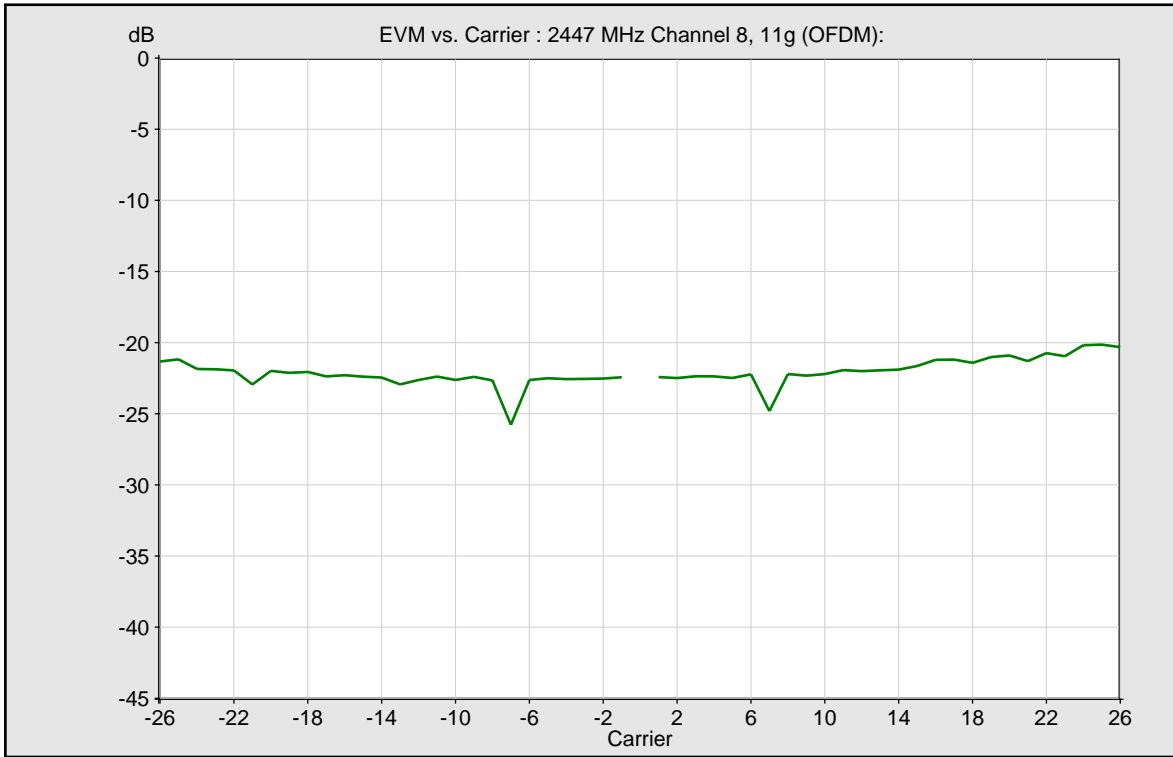
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.28	dB	Passed
Lower Margin Left Side (Average)	-6		-0.90	dB	Passed
Lower Margin Left Center (Average)	-4		-2.58	dB	Passed
Lower Margin Right Center (Average)	-4		-2.56	dB	Passed
Lower Margin Right Side (Average)	-6		-0.93	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-9.85	dB	Passed
Margin BC (Average)		0.00	-9.80	dB	Passed
Margin CD (Average)		0.00	-7.95	dB	Passed
Margin DE (Average)		0.00	-8.16	dB	Passed
Margin ED (Average)		0.00	-6.56	dB	Passed

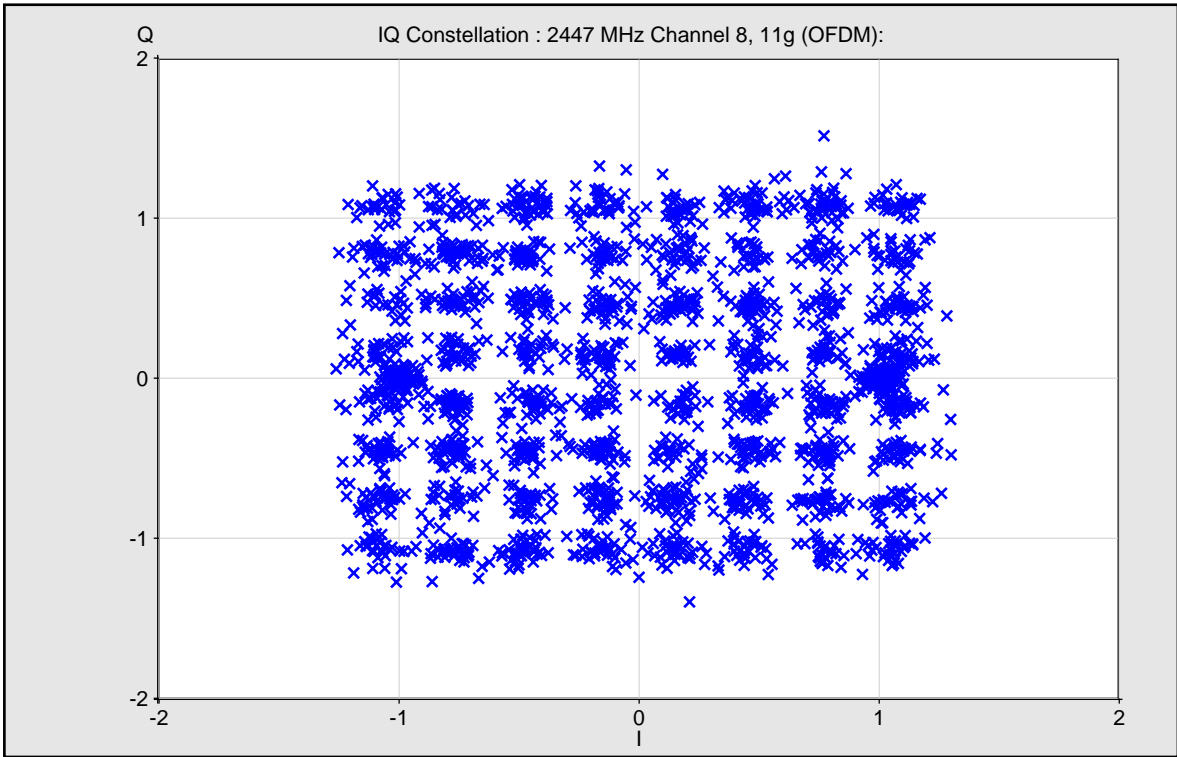
Margin DC (Average)		0.00	-6.56	dB	Passed
Margin CB (Average)		0.00	-10.97	dB	Passed
Margin BA (Average)		0.00	-12.39	dB	Passed
Occupied Bandwidth (Average)			16.48	MHz	

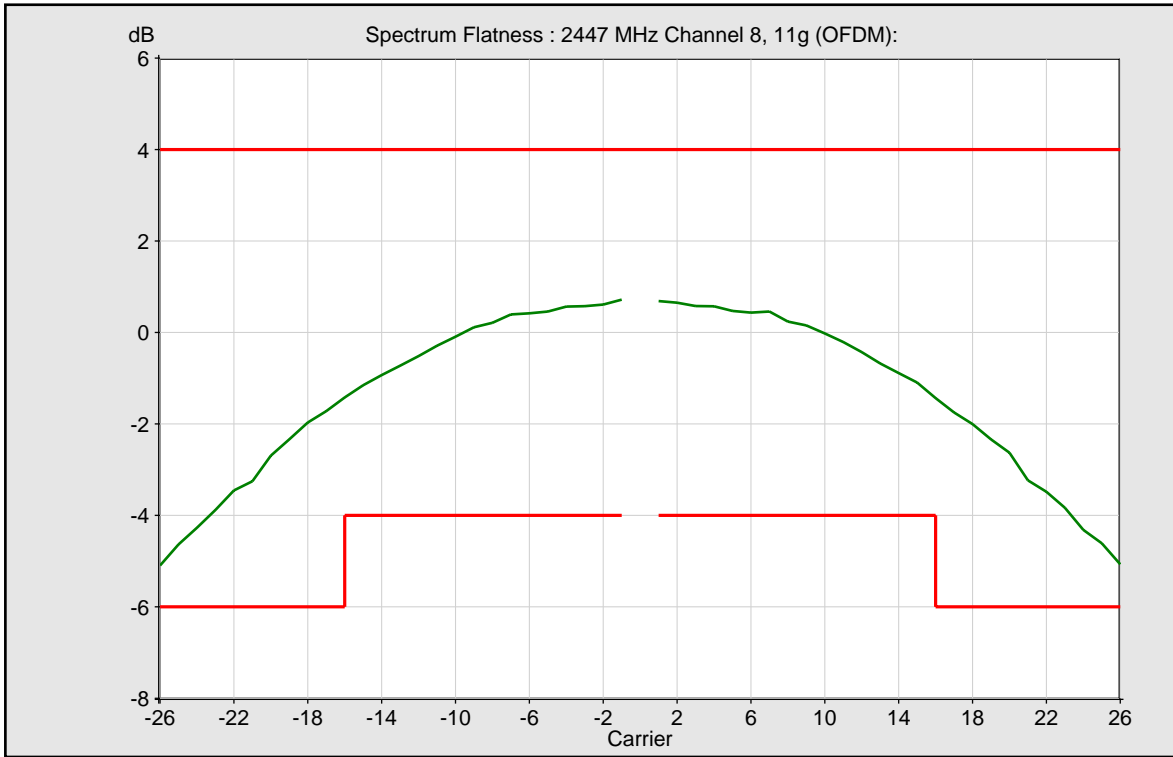


— Average

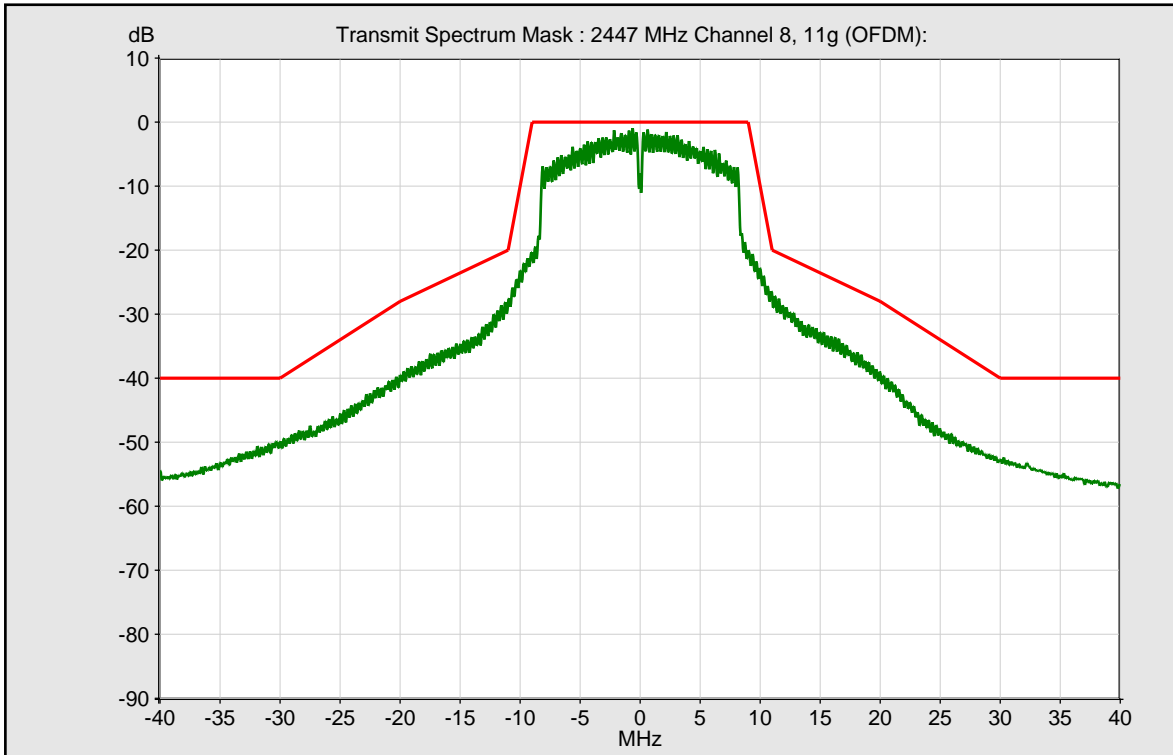


— Average

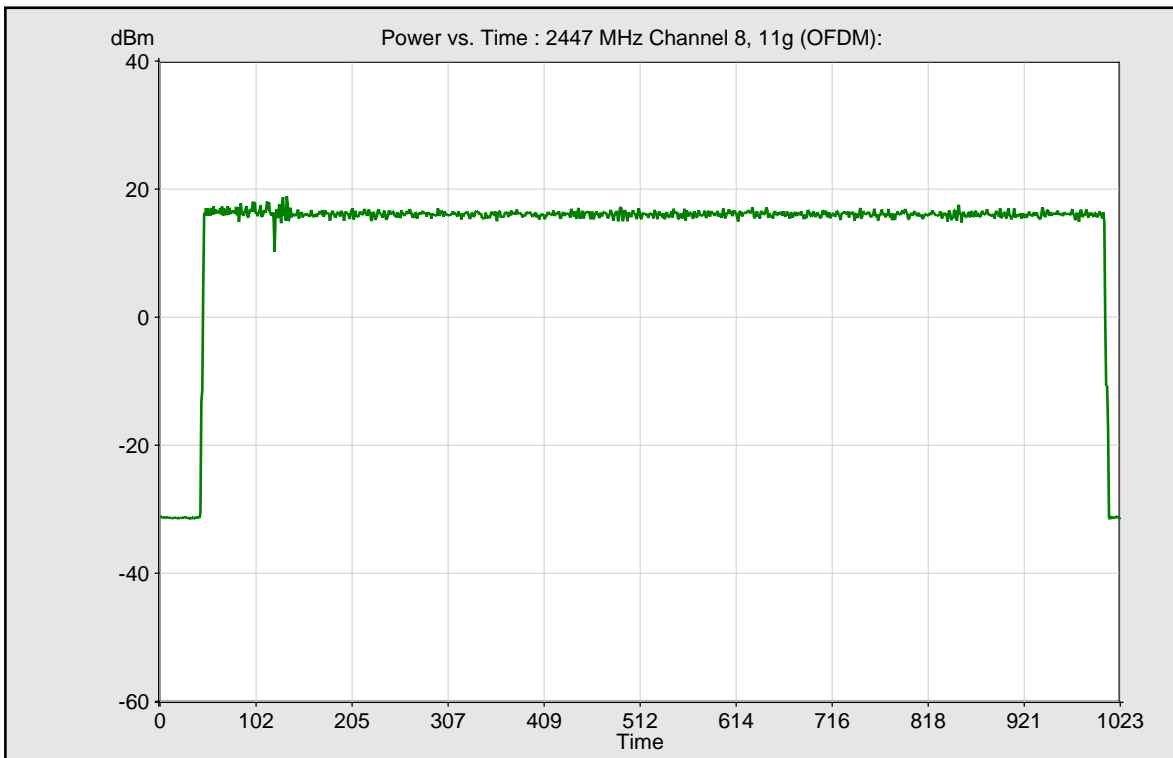




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 11 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 5 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

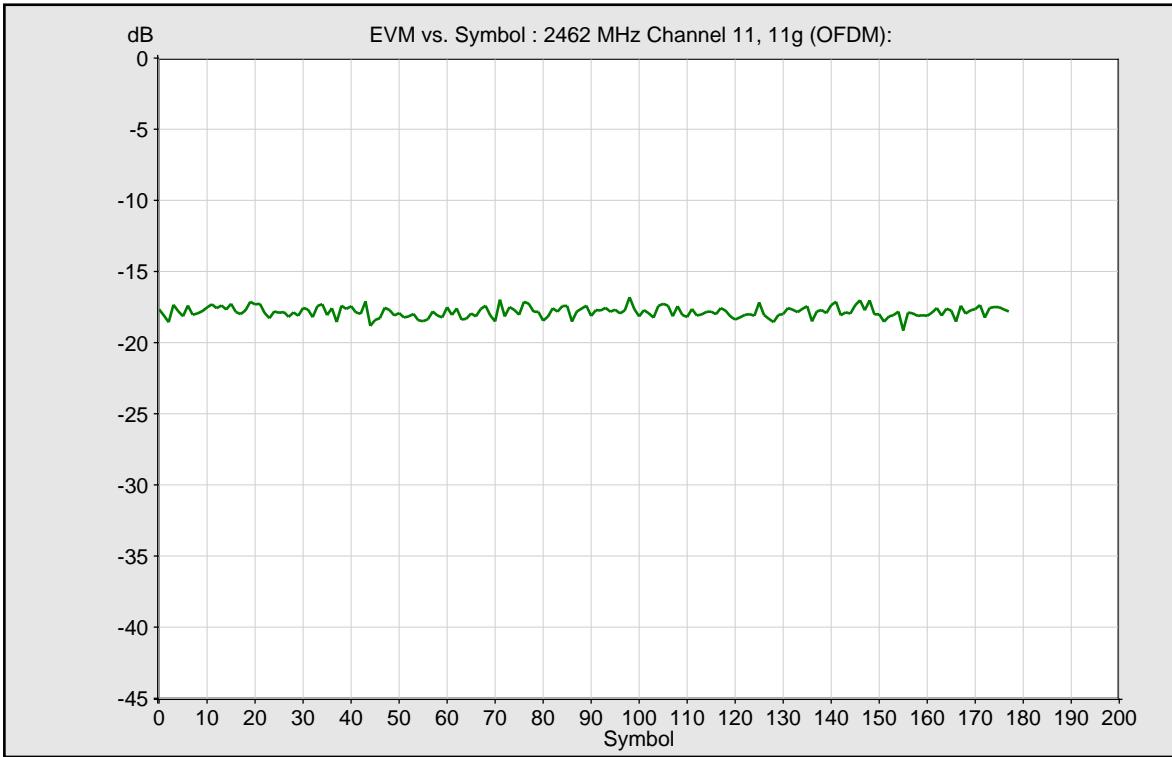
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2462 MHz (Channel 11), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			6 Mbps, BPSK 1/2	---	
Payload Length	16	1366	178	symbol	Passed
Burst Power (Average)	-100	30	17.53	dBm	Passed
EVM All Carriers (Average)		-5	-17.33	dB	Passed
EVM Data Carriers (Average)		-5	-17.23	dB	Passed
EVM Pilot Carriers (Average)		-8	-18.80	dB	Passed
Center Frequency Error (Average)	-60000	60000	19666.79	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.13	ppm	Passed
IQ Offset (Average)		-15	-28.65	dB	Passed
Gain Imbalance (Average)	-140	0	-0.22	dB	Passed
Quadrature Error (Average)	-180	180	-1.33	deg	Passed

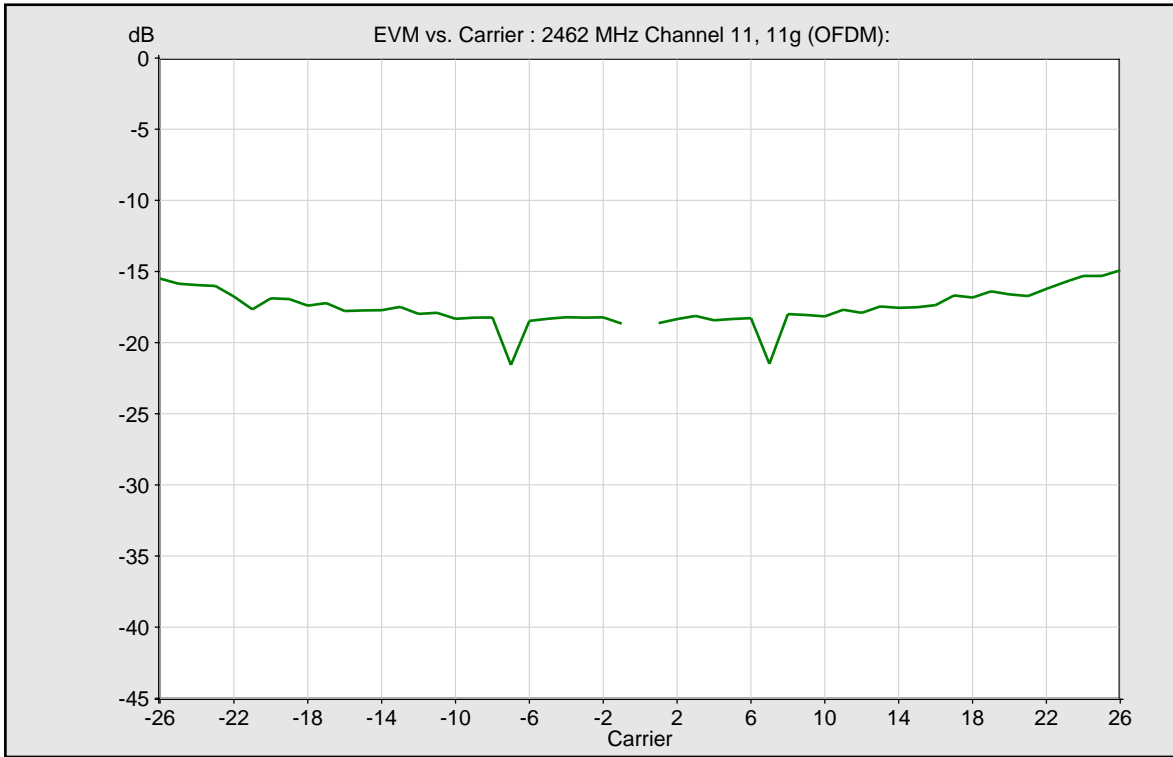
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.16	dB	Passed
Lower Margin Left Side (Average)	-6		-0.76	dB	Passed
Lower Margin Left Center (Average)	-4		-2.64	dB	Passed
Lower Margin Right Center (Average)	-4		-2.86	dB	Passed
Lower Margin Right Side (Average)	-6		-0.91	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-8.95	dB	Passed
Margin BC (Average)		0.00	-8.95	dB	Passed
Margin CD (Average)		0.00	-11.41	dB	Passed
Margin DE (Average)		0.00	-10.90	dB	Passed
Margin ED (Average)		0.00	-7.99	dB	Passed

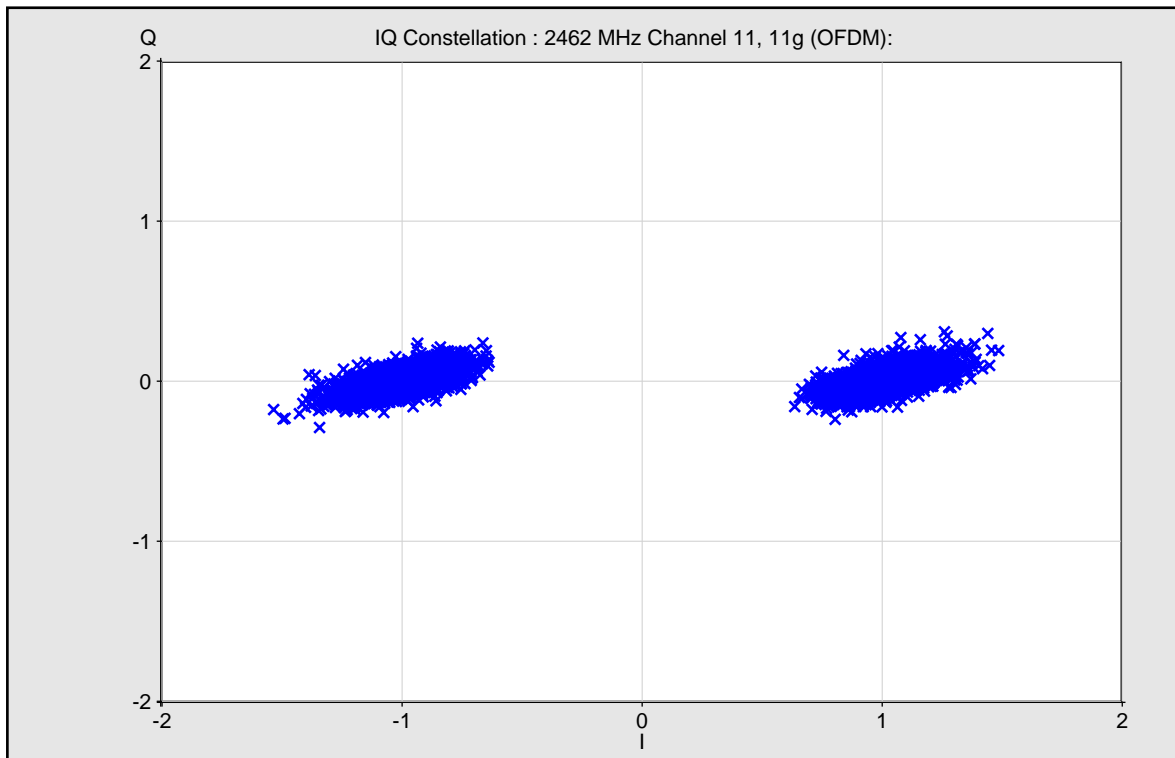
Margin DC (Average)		0.00	-7.99	dB	Passed
Margin CB (Average)		0.00	-12.73	dB	Passed
Margin BA (Average)		0.00	-17.91	dB	Passed
Occupied Bandwidth (Average)			16.38	MHz	

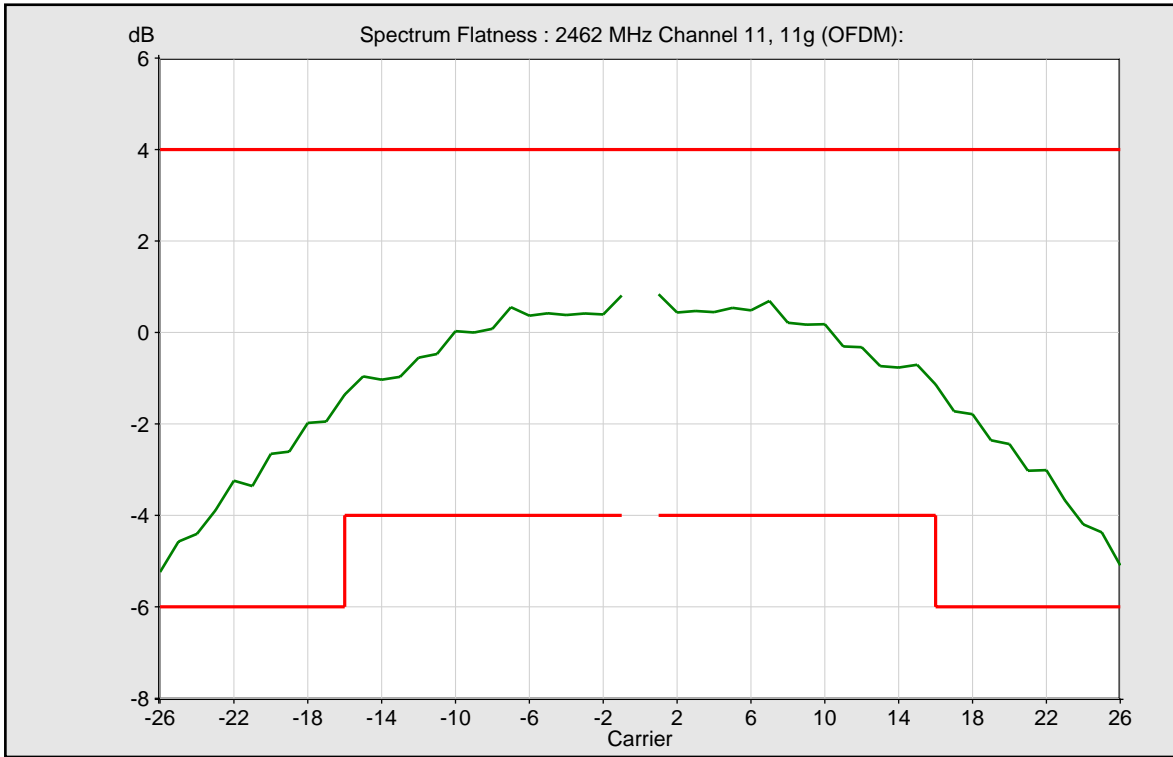


— Average

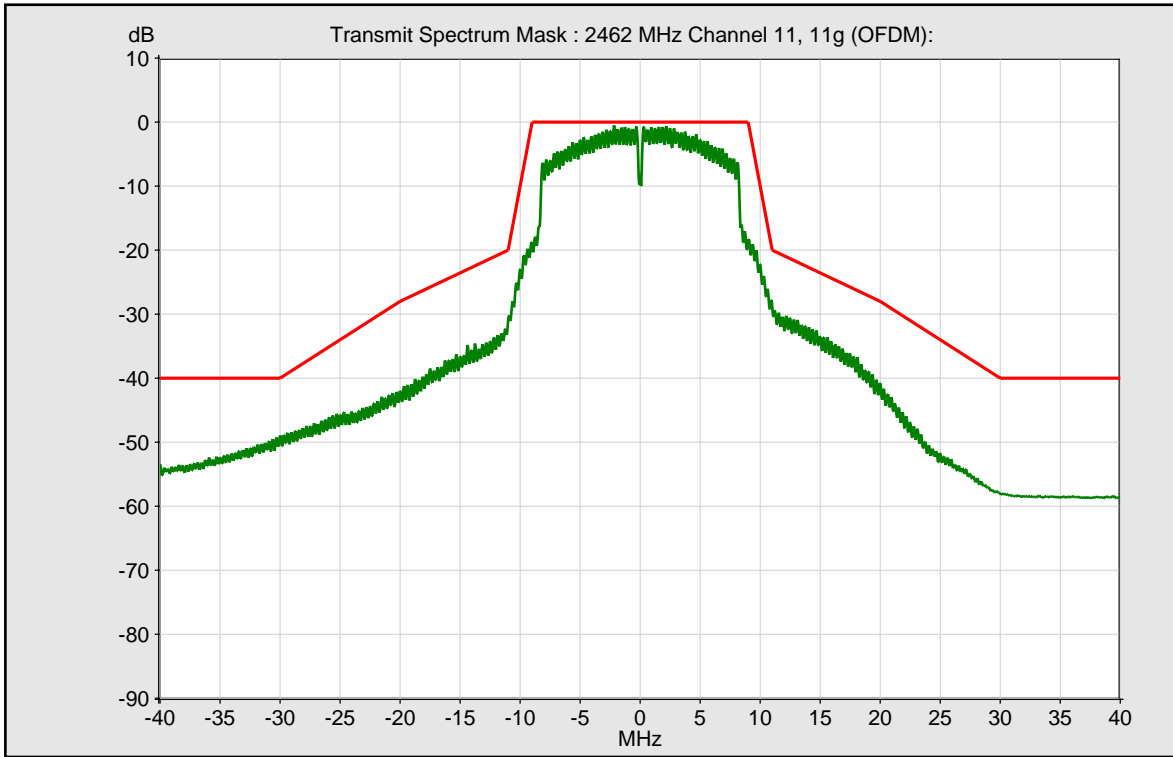


— Average

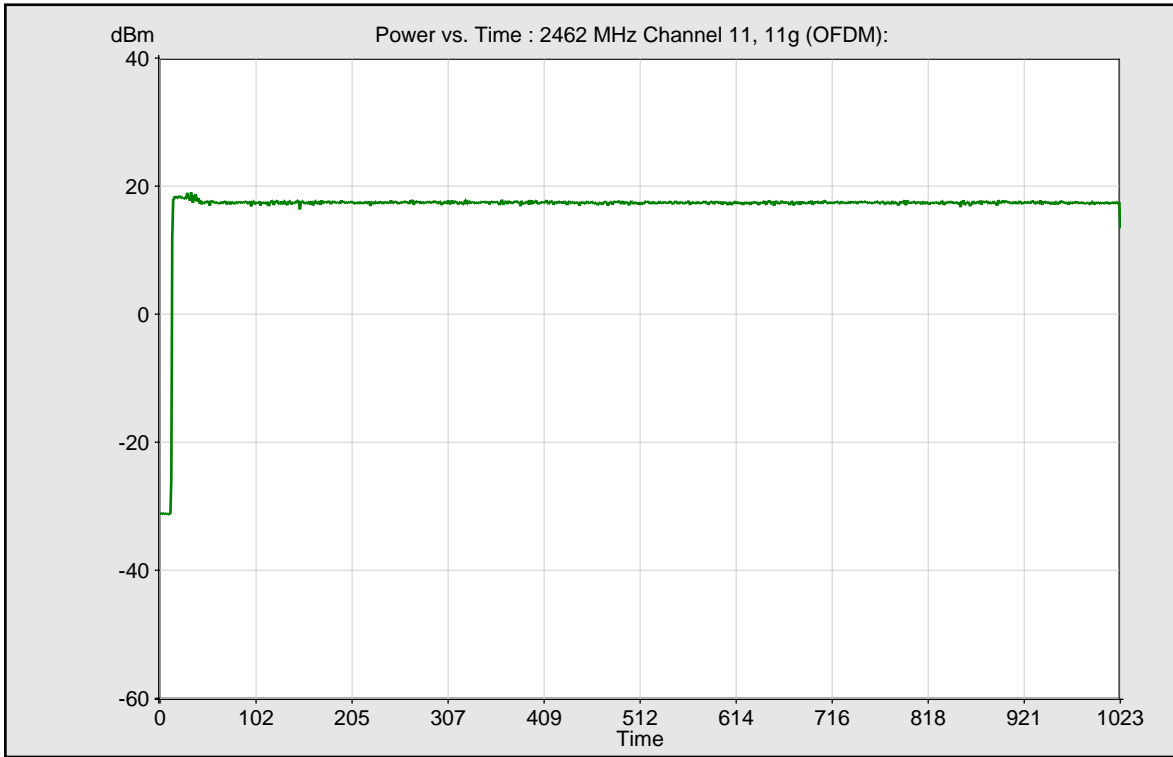




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 11 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 9 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

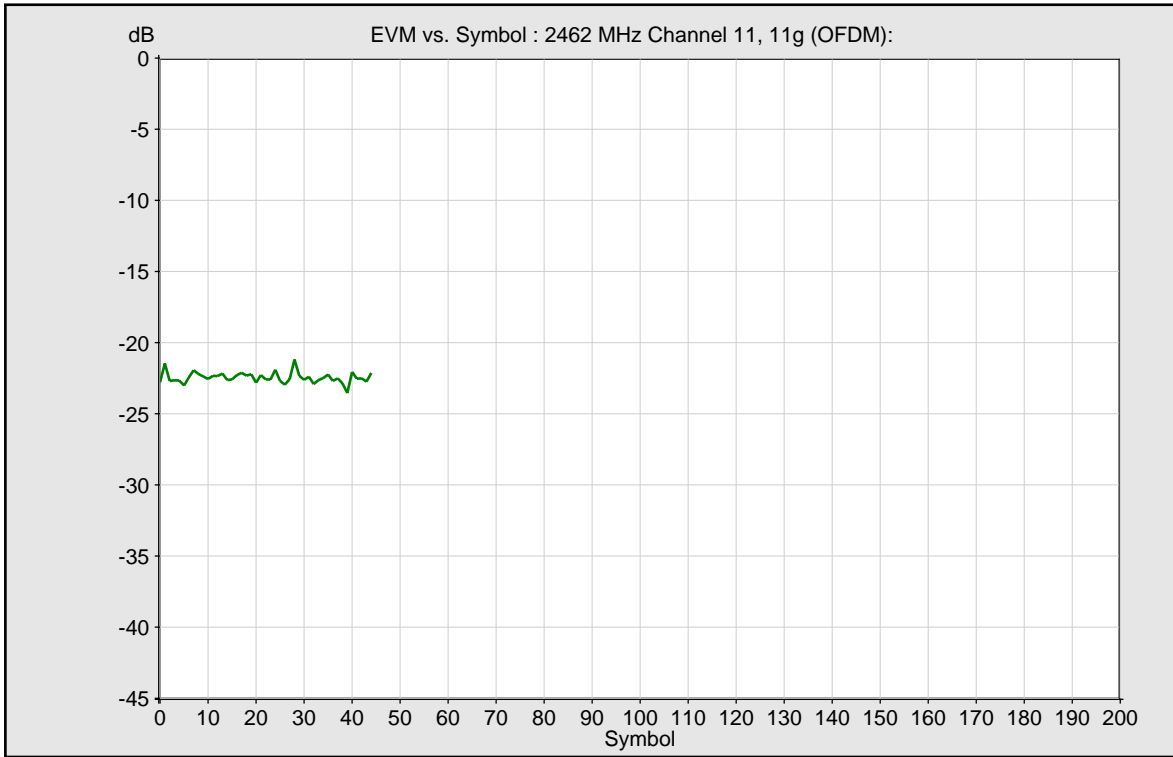
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2462 MHz (Channel 11), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			24 Mbps, 16-QAM 1/2	---	
Payload Length	16	1366	45	symbol	Passed
Burst Power (Average)	-100	30	16.38	dBm	Passed
EVM All Carriers (Average)		-16	-21.38	dB	Passed
EVM Data Carriers (Average)		-16	-21.25	dB	Passed
EVM Pilot Carriers (Average)		-8	-23.31	dB	Passed
Center Frequency Error (Average)	-60000	60000	19945.58	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.30	ppm	Passed
IQ Offset (Average)		-15	-27.74	dB	Passed
Gain Imbalance (Average)	-140	0	-0.24	dB	Passed
Quadrature Error (Average)	-180	180	-1.32	deg	Passed

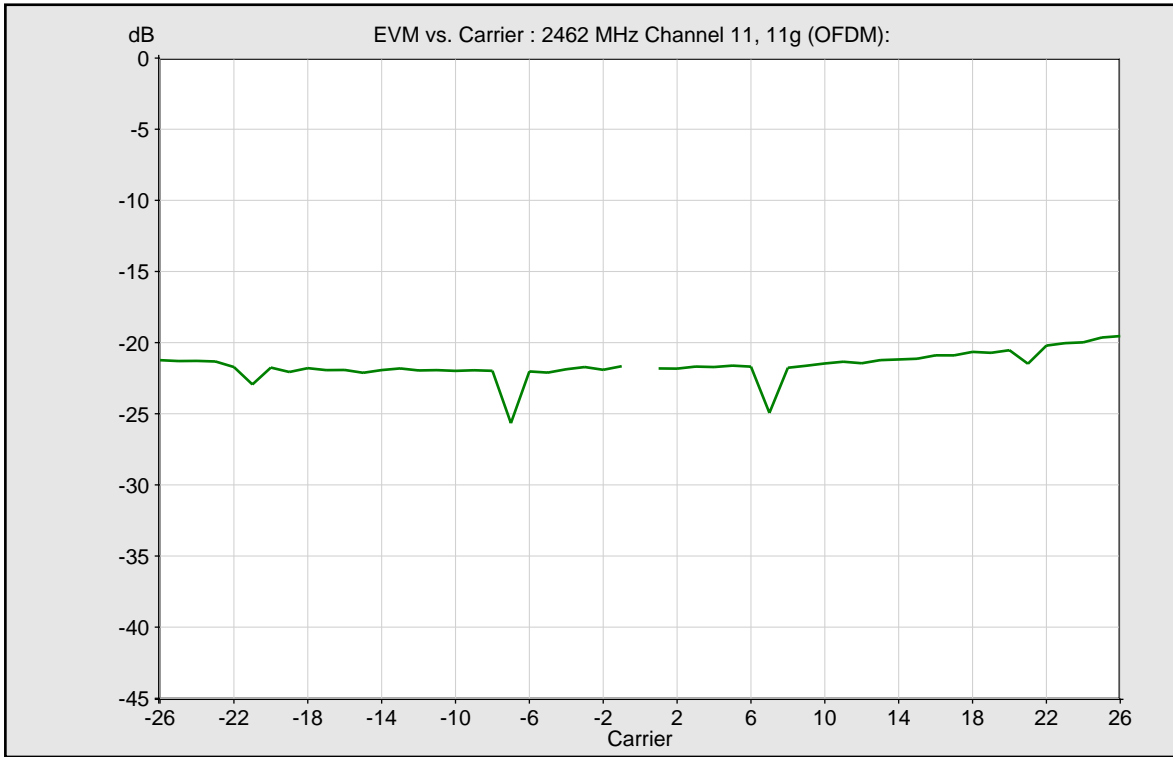
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.33	dB	Passed
Lower Margin Left Side (Average)	-6		-0.94	dB	Passed
Lower Margin Left Center (Average)	-4		-2.55	dB	Passed
Lower Margin Right Center (Average)	-4		-2.80	dB	Passed
Lower Margin Right Side (Average)	-6		-1.14	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-8.79	dB	Passed
Margin BC (Average)		0.00	-8.79	dB	Passed
Margin CD (Average)		0.00	-7.82	dB	Passed
Margin DE (Average)		0.00	-7.52	dB	Passed
Margin ED (Average)		0.00	-5.92	dB	Passed

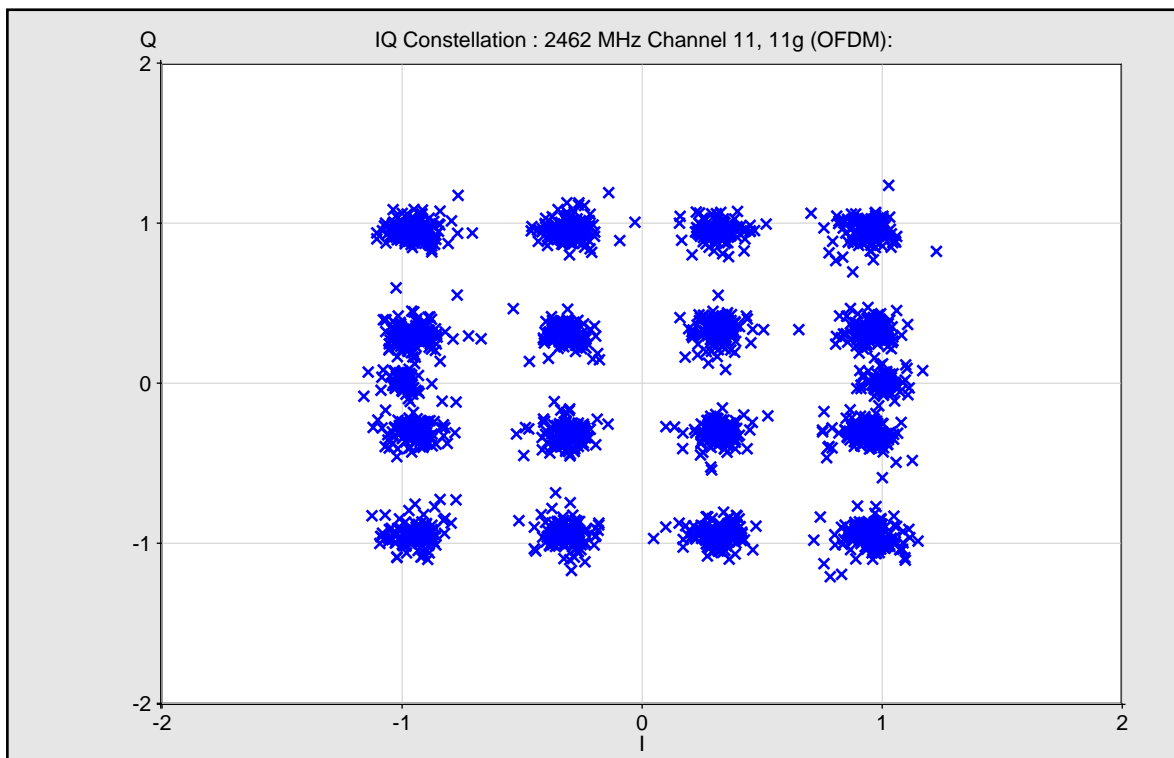
Margin DC (Average)		0.00	-5.92	dB	Passed
Margin CB (Average)		0.00	-12.36	dB	Passed
Margin BA (Average)		0.00	-17.35	dB	Passed
Occupied Bandwidth (Average)			16.50	MHz	

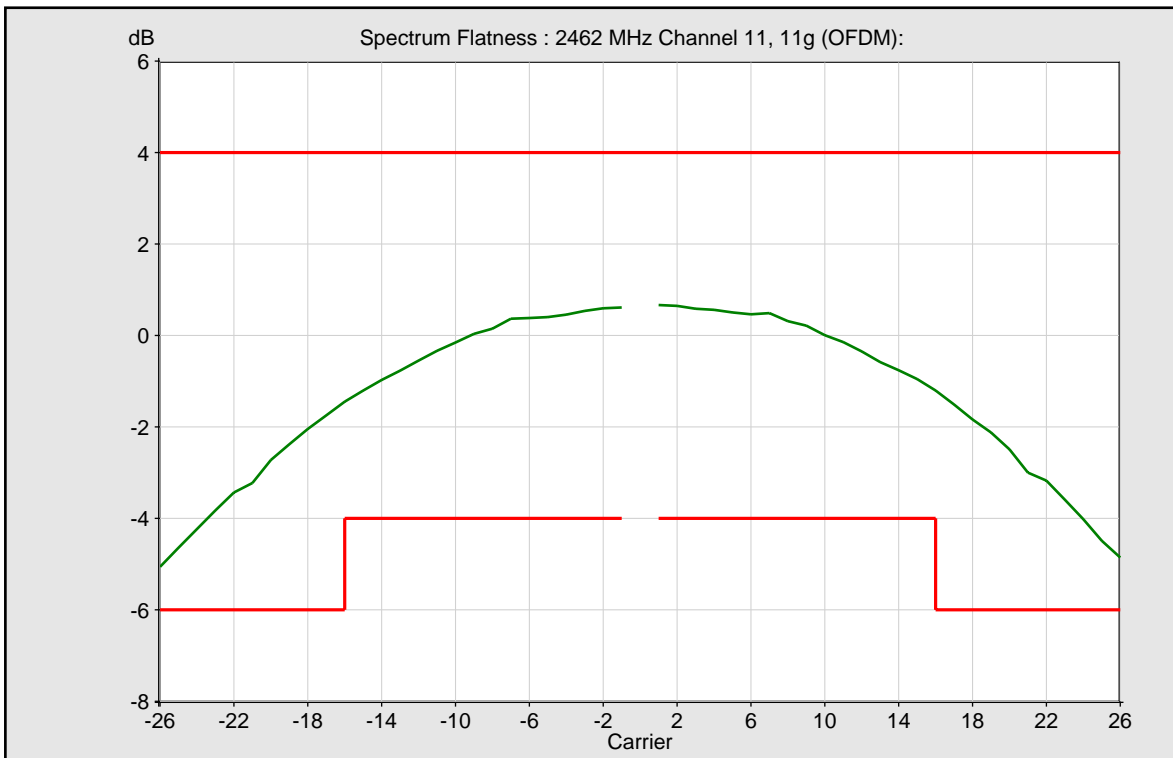


— Average

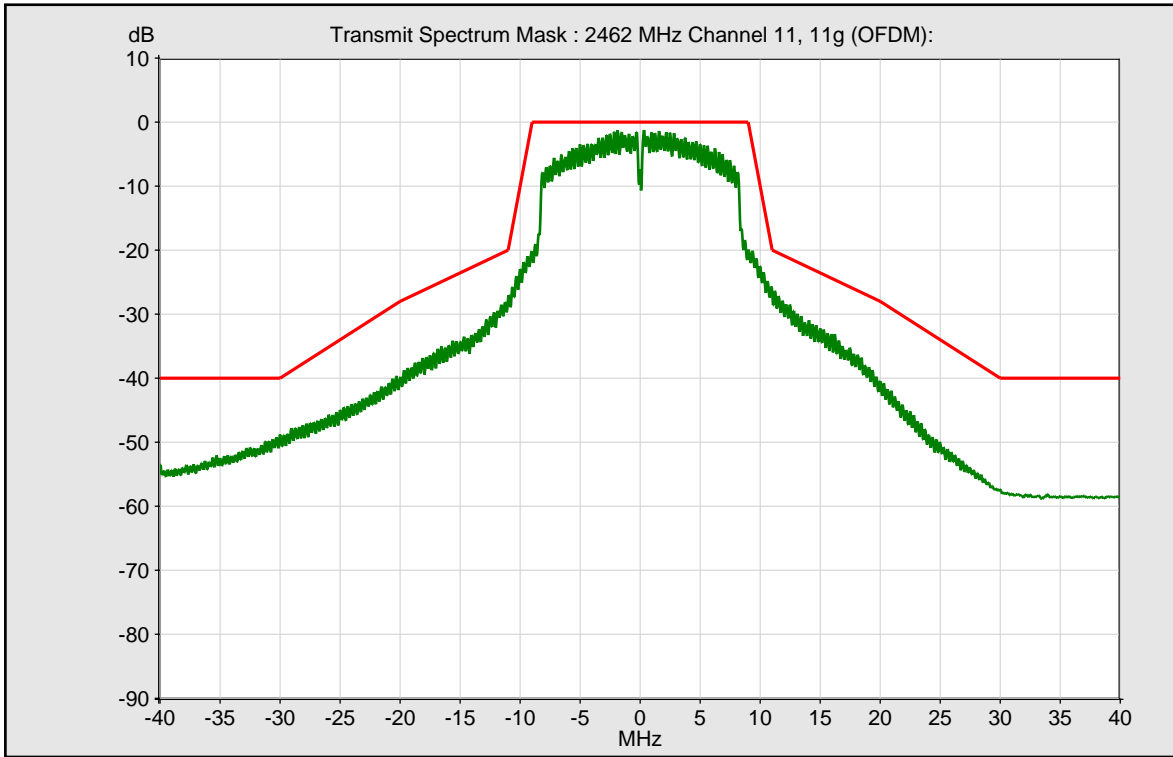


— Average

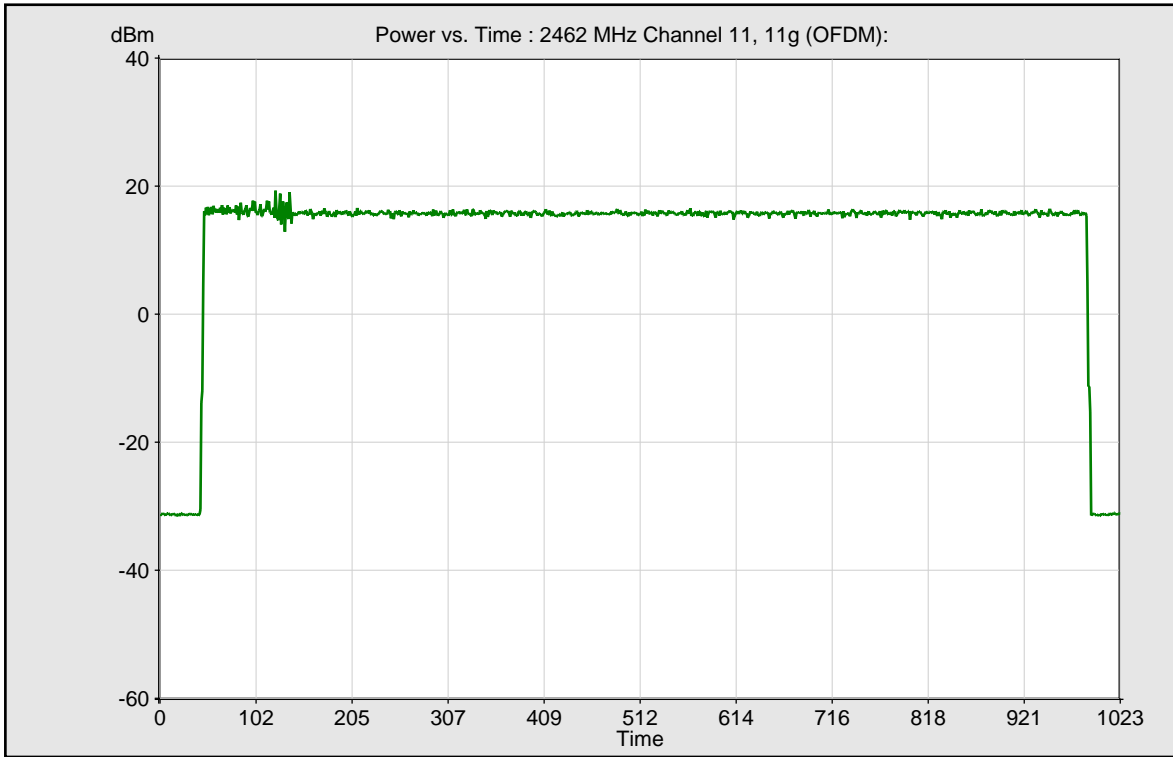




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

calibrator wlan0 cc33xx_plt stop_tx

calibrator wlan0 cc33xx_plt tune_channel 11 0 0

calibrator wlan0 cc33xx_plt set_tx -default 0

calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 12 -length const packet 1200 -delay 1000 -tx_power 30

calibrator wlan0 cc33xx_plt start_tx

WLAN Signaling Tx Measurement: TX Measurement

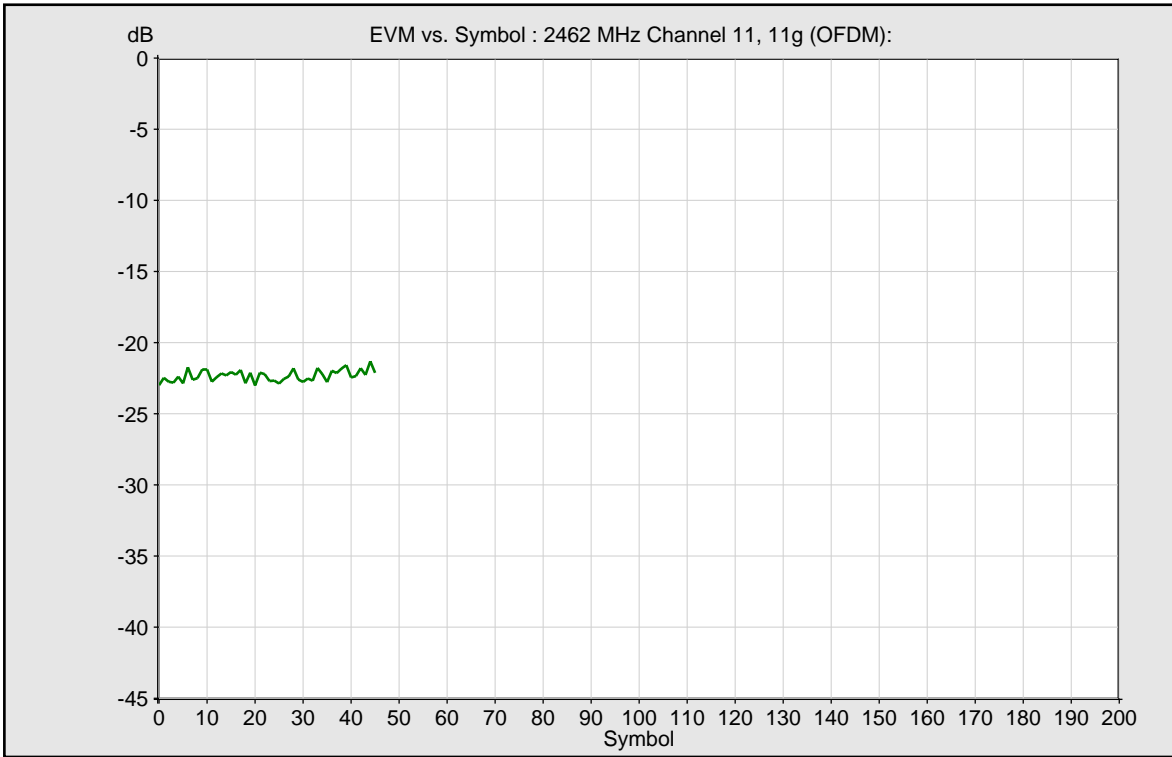
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2462 MHz (Channel 11), Packet Interval = 1000, Packet Size = 1200, 11g (OFDM)					
Modulation Type			54 Mbps, 64-QAM 3/4	---	
Payload Length	16	1366	46	symbol	Passed
Burst Power (Average)	-100	30	16.69	dBm	Passed
EVM All Carriers (Average)		-25	-21.59	dB	Failed
EVM Data Carriers (Average)		-25	-21.51	dB	Failed
EVM Pilot Carriers (Average)		-8	-22.80	dB	Passed
Center Frequency Error (Average)	-60000	60000	20827.20	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.15	ppm	Passed
IQ Offset (Average)		-15	-27.56	dB	Passed
Gain Imbalance (Average)	-140	0	-0.18	dB	Passed
Quadrature Error (Average)	-180	180	-1.00	deg	Passed

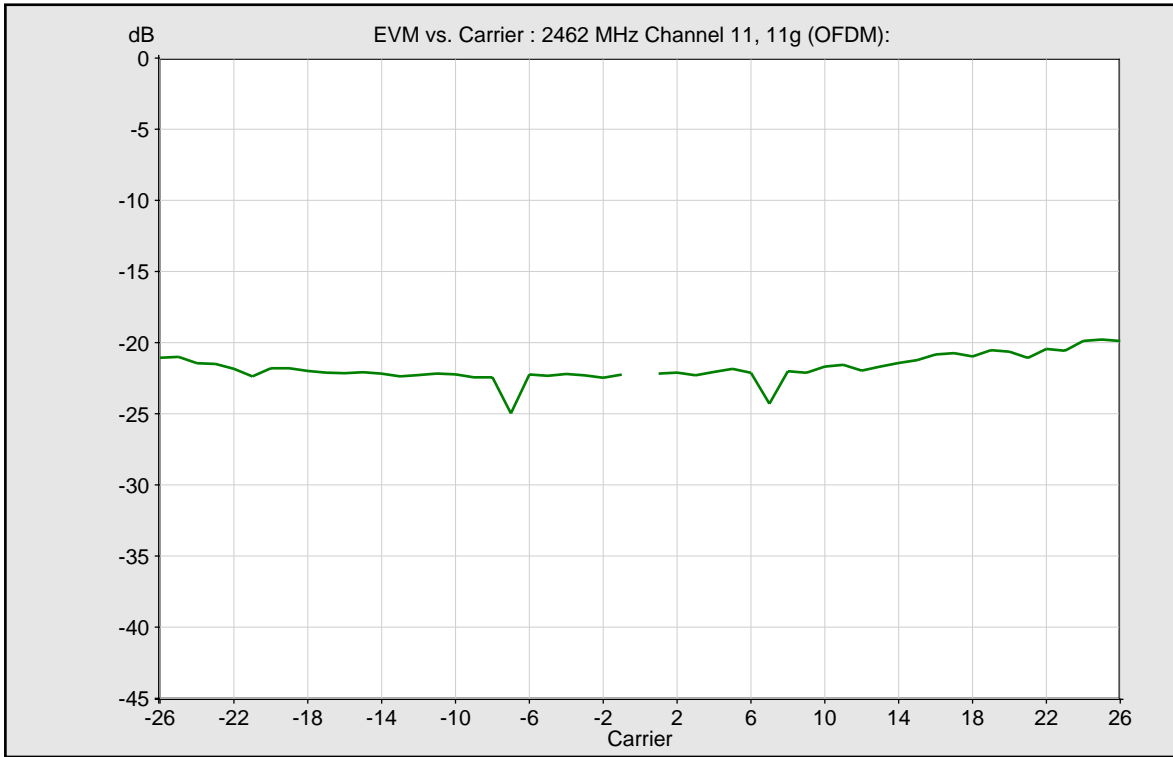
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.34	dB	Passed
Lower Margin Left Side (Average)	-6		-0.99	dB	Passed
Lower Margin Left Center (Average)	-4		-2.56	dB	Passed
Lower Margin Right Center (Average)	-4		-2.77	dB	Passed
Lower Margin Right Side (Average)	-6		-1.17	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-9.00	dB	Passed
Margin BC (Average)		0.00	-9.07	dB	Passed
Margin CD (Average)		0.00	-7.90	dB	Passed
Margin DE (Average)		0.00	-7.48	dB	Passed
Margin ED (Average)		0.00	-5.84	dB	Passed

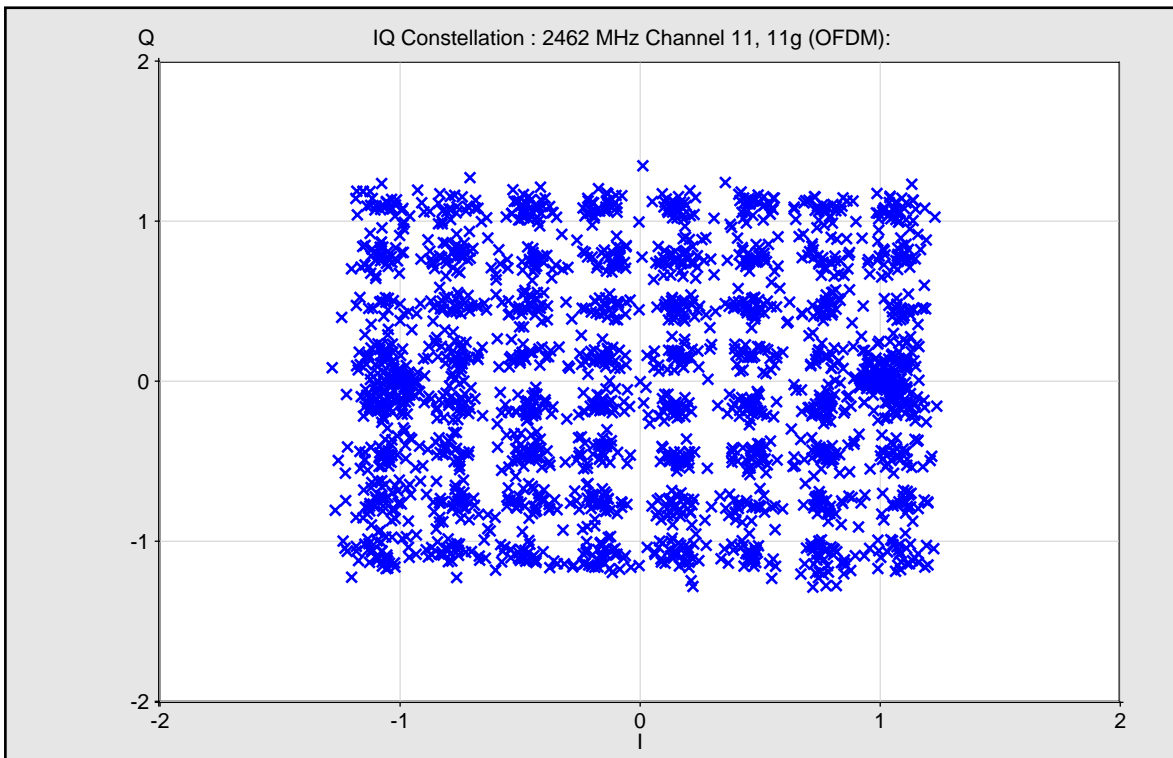
Margin DC (Average)		0.00	-5.84	dB	Passed
Margin CB (Average)		0.00	-12.06	dB	Passed
Margin BA (Average)		0.00	-17.70	dB	Passed
Occupied Bandwidth (Average)			16.49	MHz	

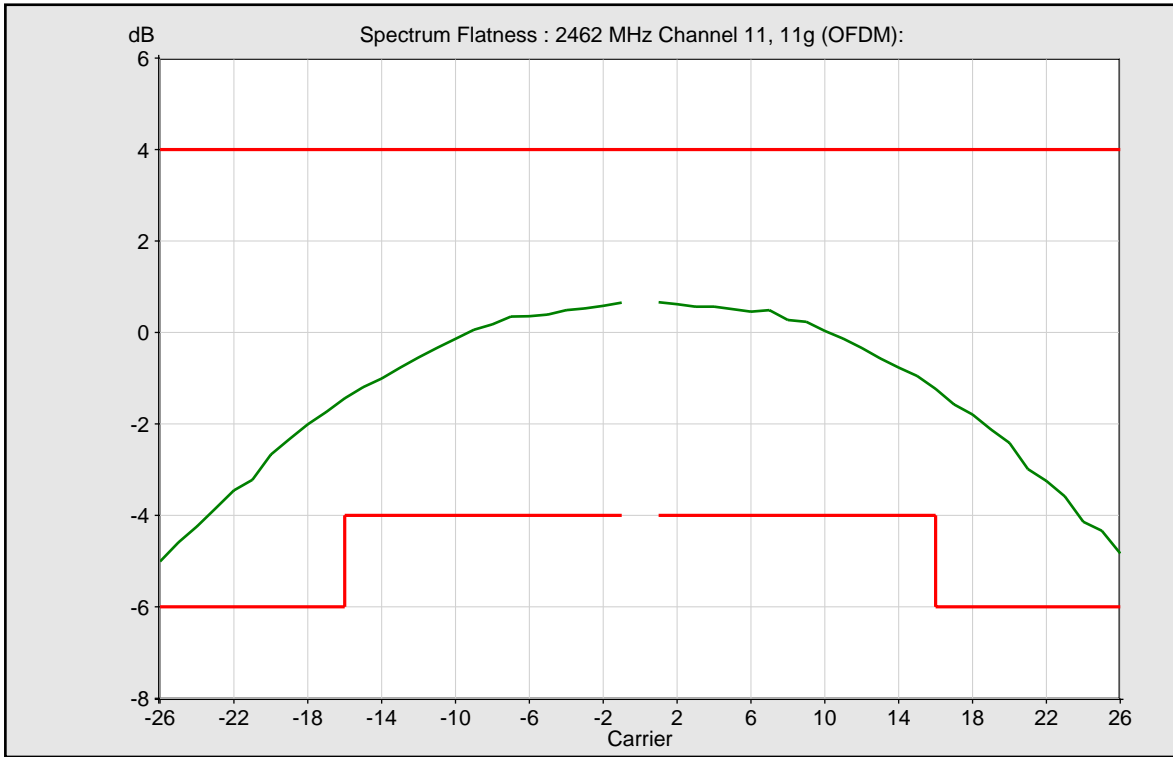


— Average

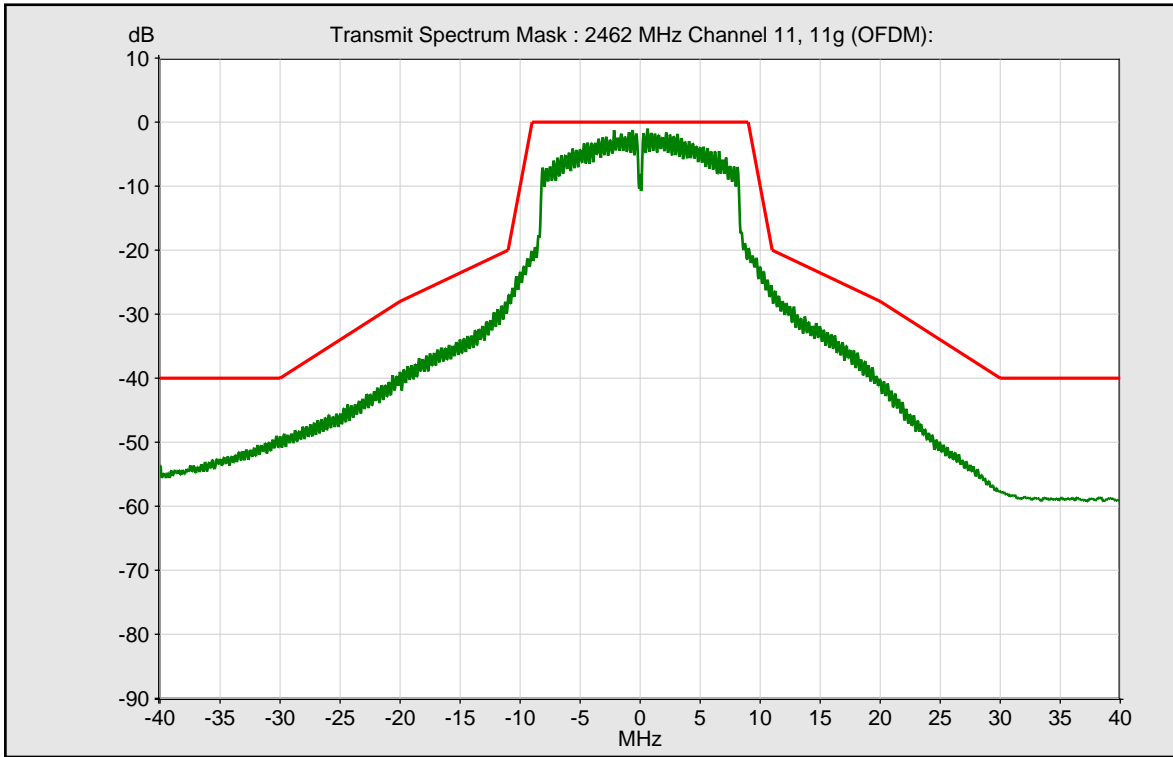


— Average

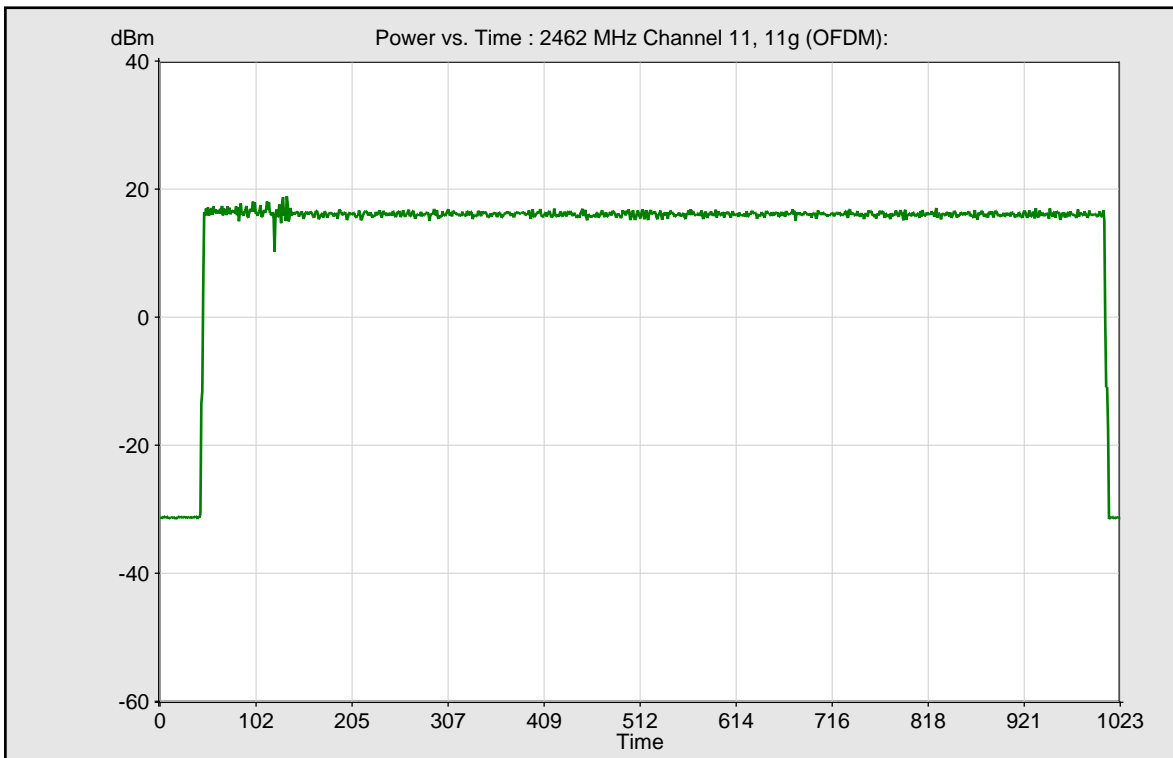




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 13 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 5 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

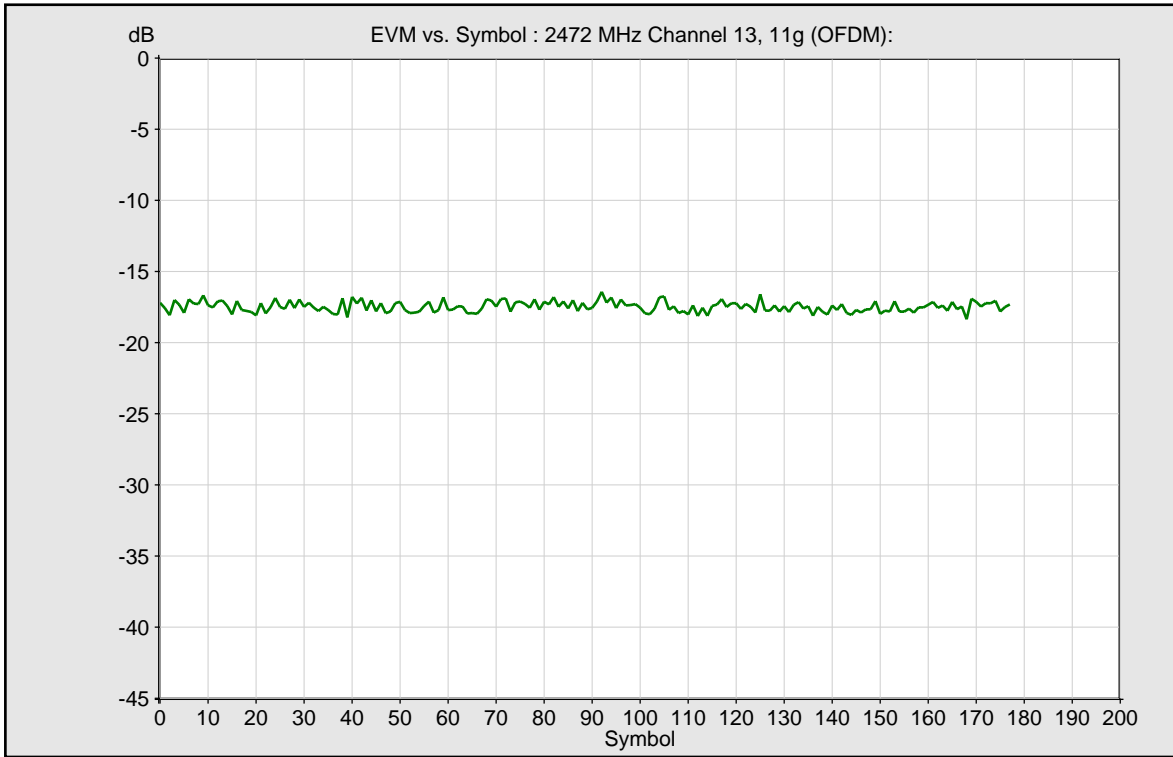
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2472 MHz (Channel 13), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			6 Mbps, BPSK 1/2	---	
Payload Length	16	1366	178	symbol	Passed
Burst Power (Average)	-100	30	17.47	dBm	Passed
EVM All Carriers (Average)		-5	-16.97	dB	Passed
EVM Data Carriers (Average)		-5	-16.87	dB	Passed
EVM Pilot Carriers (Average)		-8	-18.38	dB	Passed
Center Frequency Error (Average)	-60000	60000	19550.22	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.28	ppm	Passed
IQ Offset (Average)		-15	-28.60	dB	Passed
Gain Imbalance (Average)	-140	0	-0.22	dB	Passed
Quadrature Error (Average)	-180	180	-1.30	deg	Passed

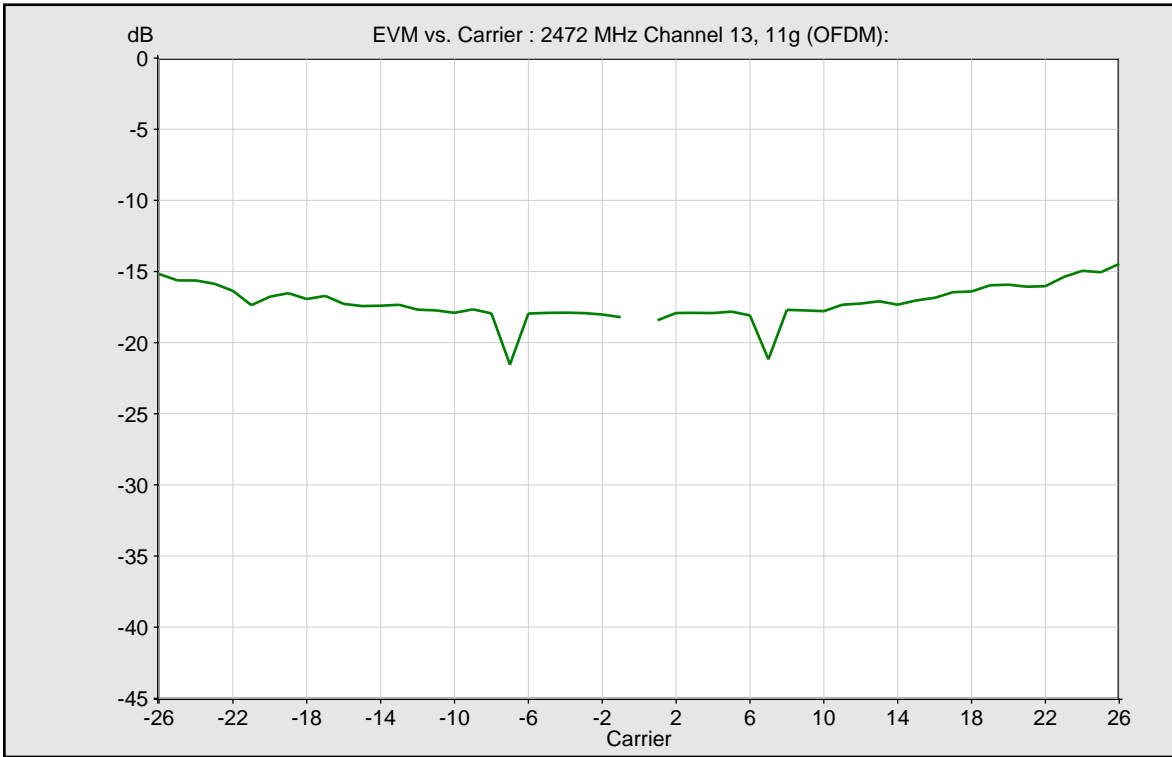
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.10	dB	Passed
Lower Margin Left Side (Average)	-6		-0.82	dB	Passed
Lower Margin Left Center (Average)	-4		-2.84	dB	Passed
Lower Margin Right Center (Average)	-4		-2.43	dB	Passed
Lower Margin Right Side (Average)	-6		0.07	dB	Failed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-9.02	dB	Passed
Margin BC (Average)		0.00	-8.86	dB	Passed
Margin CD (Average)		0.00	-10.78	dB	Passed
Margin DE (Average)		0.00	-10.42	dB	Passed
Margin ED (Average)		0.00	-9.39	dB	Passed

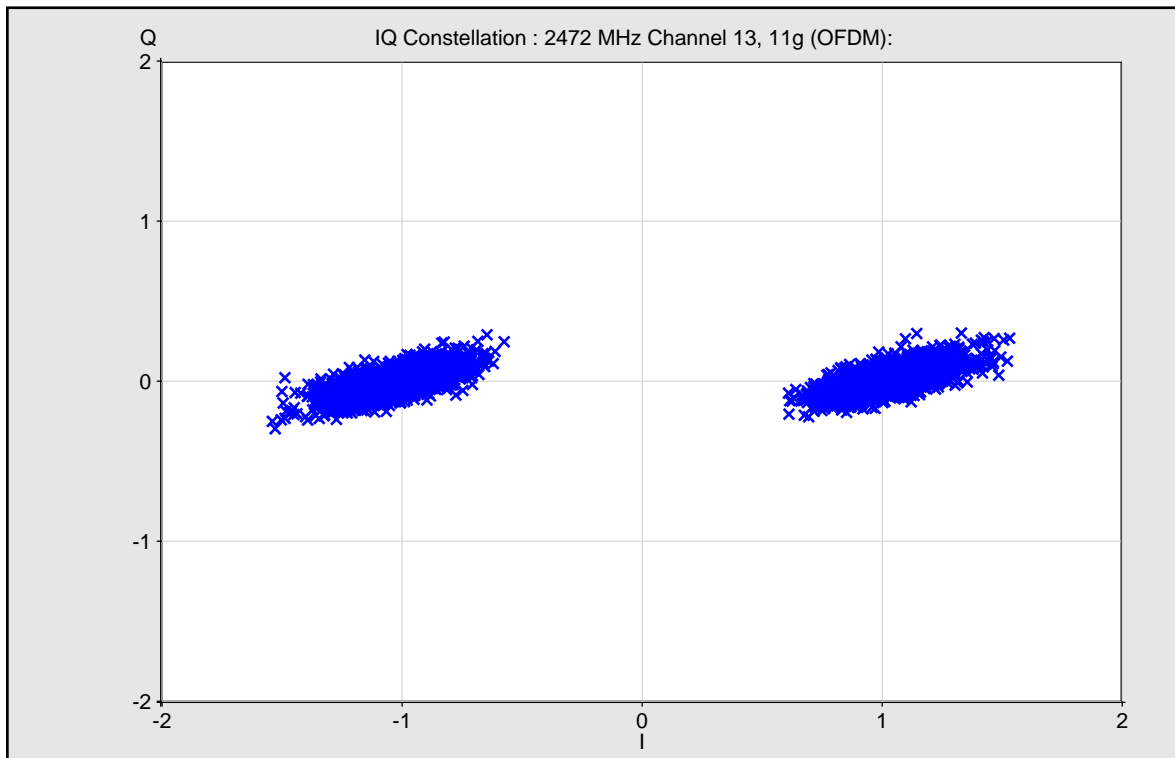
Margin DC (Average)		0.00	-9.39	dB	Passed
Margin CB (Average)		0.00	-18.60	dB	Passed
Margin BA (Average)		0.00	-18.42	dB	Passed
Occupied Bandwidth (Average)			16.35	MHz	

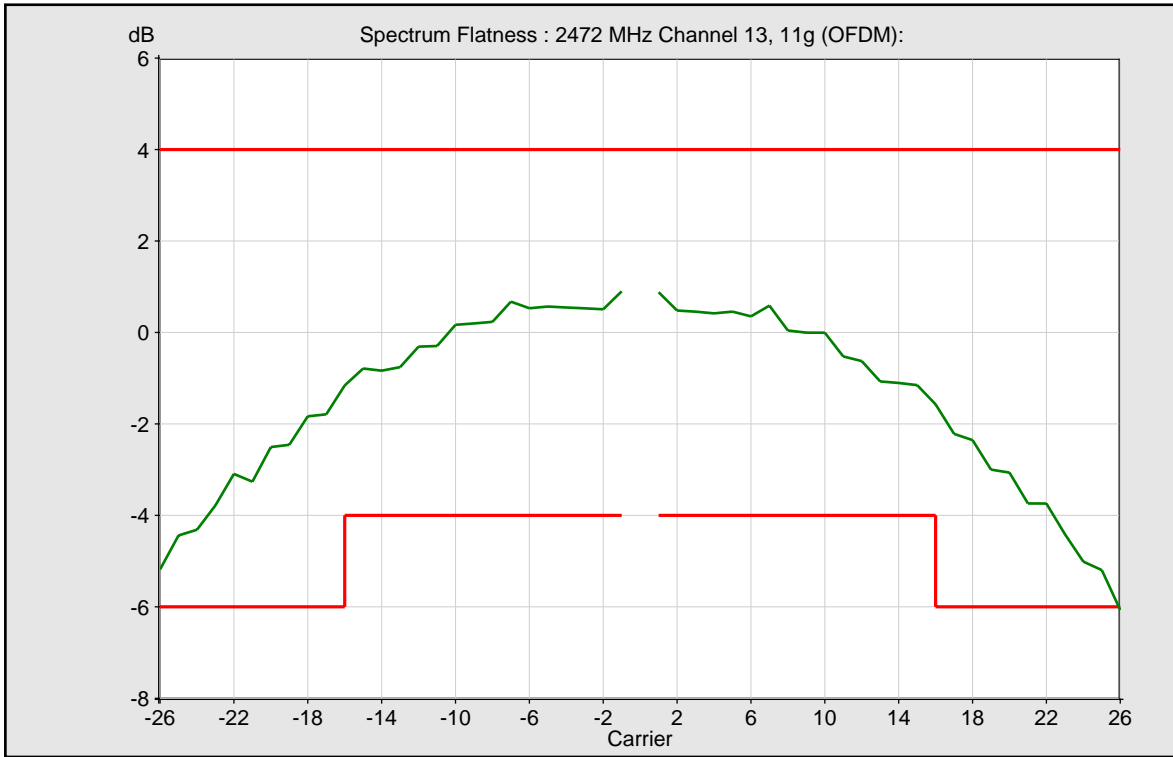


— Average

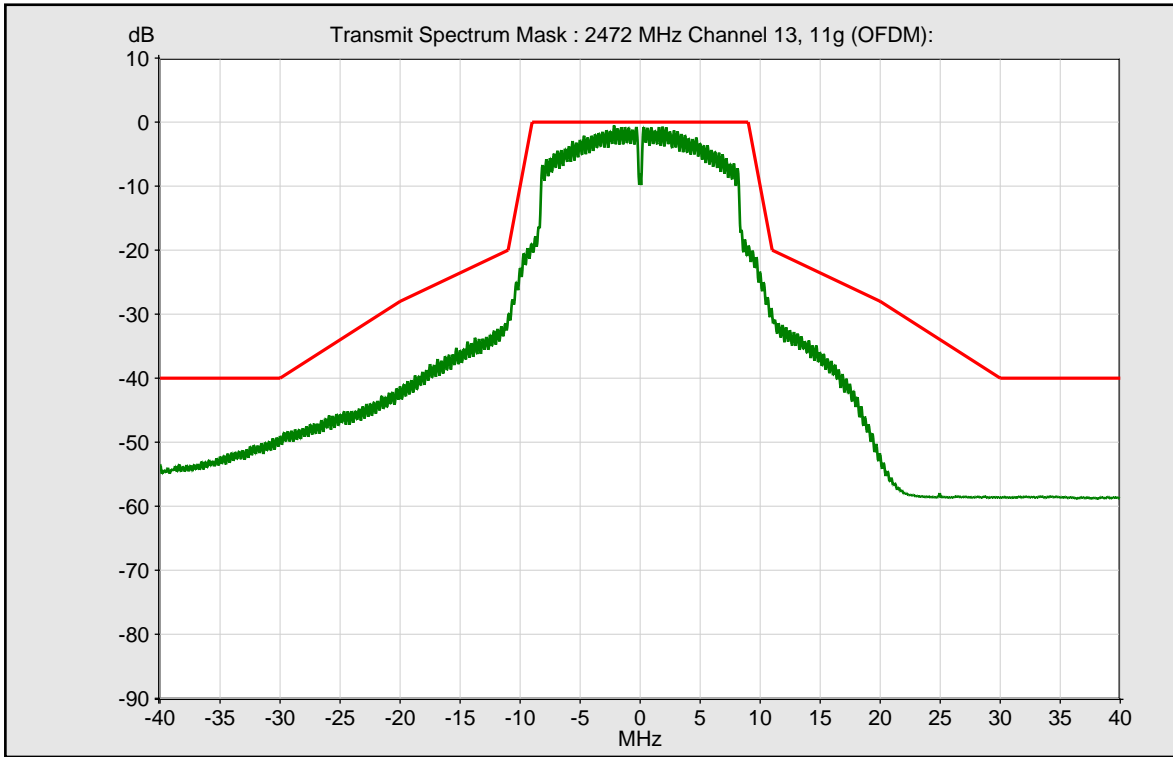


— Average

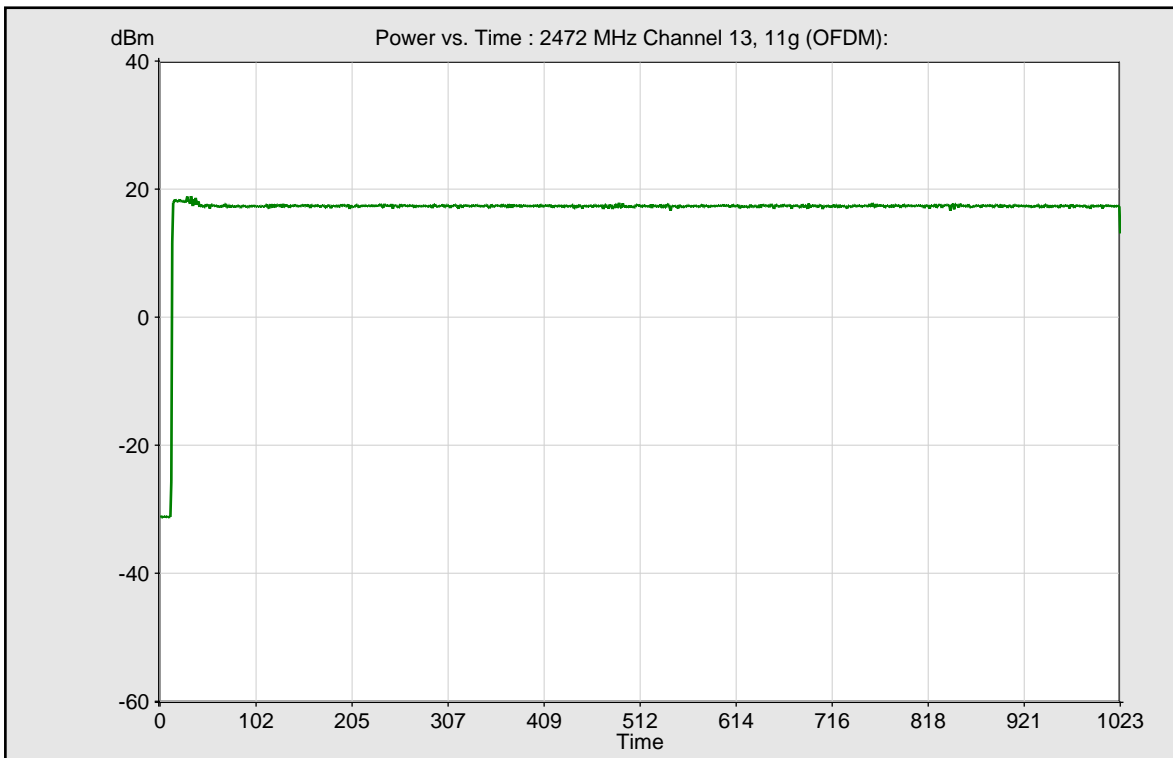




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 13 0 0
calibrator wlan0 cc33xx_plt set_tx -default 0
calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 9 -length const packet 500 -delay 200 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

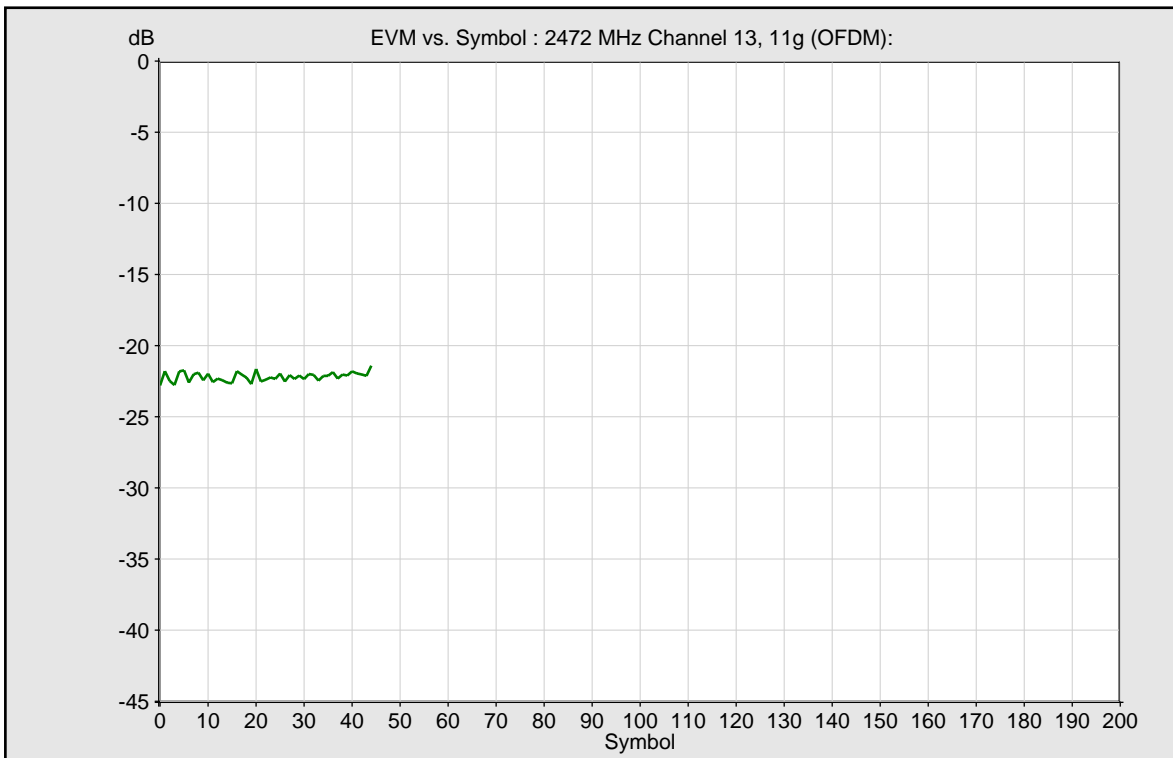
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2472 MHz (Channel 13), Packet Interval = 200, Packet Size = 500, 11g (OFDM)					
Modulation Type			24 Mbps, 16-QAM 1/2	---	
Payload Length	16	1366	45	symbol	Passed
Burst Power (Average)	-100	30	16.35	dBm	Passed
EVM All Carriers (Average)		-16	-21.12	dB	Passed
EVM Data Carriers (Average)		-16	-21.00	dB	Passed
EVM Pilot Carriers (Average)		-8	-23.00	dB	Passed
Center Frequency Error (Average)	-60000	60000	19823.20	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.24	ppm	Passed
IQ Offset (Average)		-15	-27.66	dB	Passed
Gain Imbalance (Average)	-140	0	-0.24	dB	Passed
Quadrature Error (Average)	-180	180	-1.22	deg	Passed

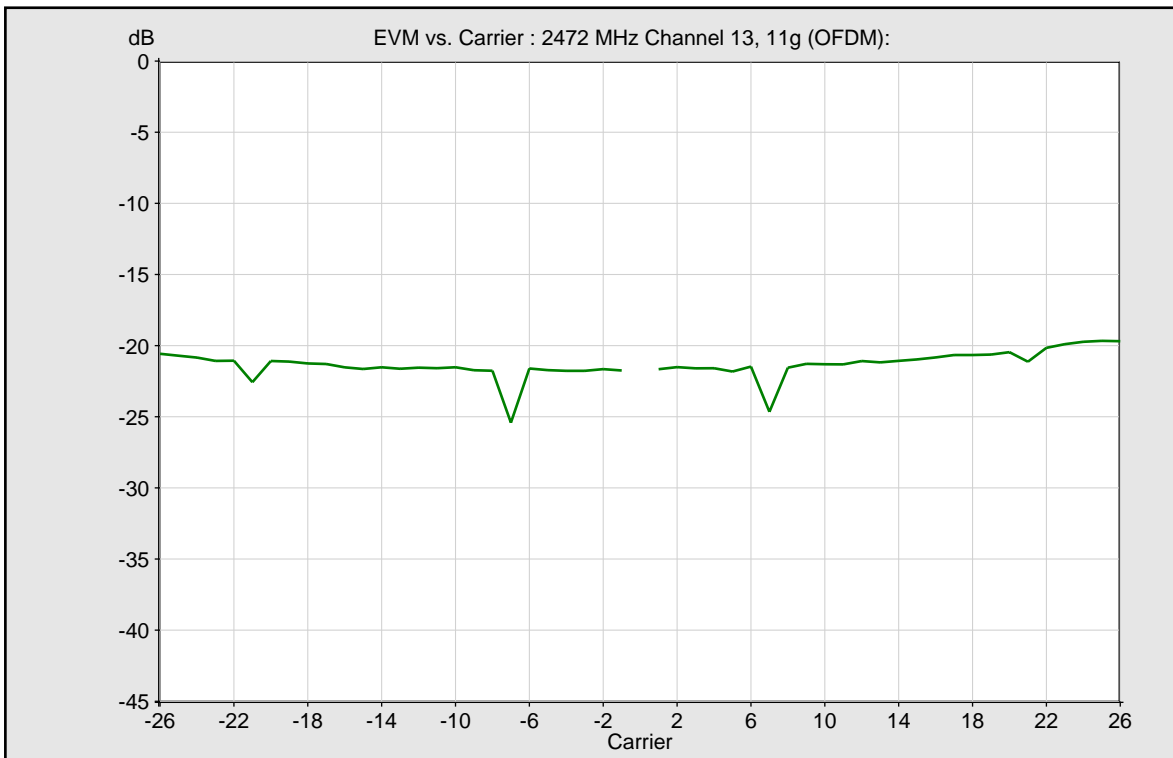
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.29	dB	Passed
Lower Margin Left Side (Average)	-6		-0.95	dB	Passed
Lower Margin Left Center (Average)	-4		-2.71	dB	Passed
Lower Margin Right Center (Average)	-4		-2.38	dB	Passed
Lower Margin Right Side (Average)	-6		-0.25	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-8.93	dB	Passed
Margin BC (Average)		0.00	-8.86	dB	Passed
Margin CD (Average)		0.00	-7.19	dB	Passed
Margin DE (Average)		0.00	-7.50	dB	Passed
Margin ED (Average)		0.00	-7.55	dB	Passed

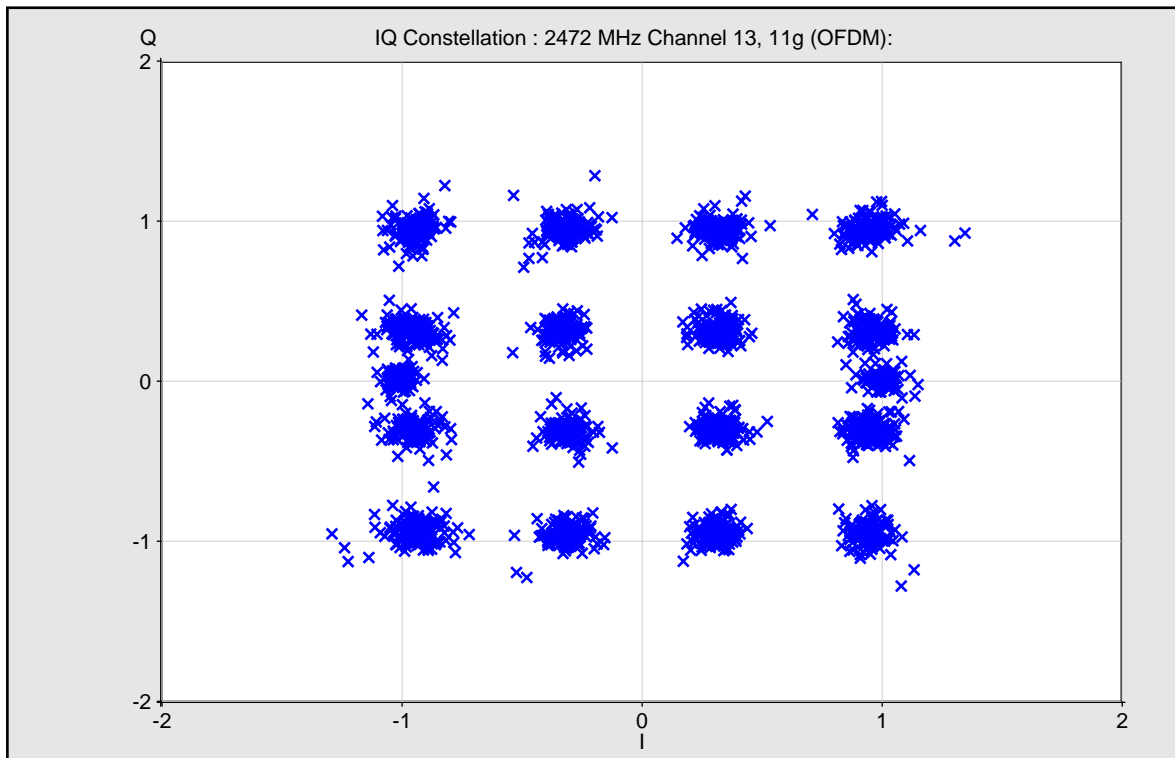
Margin DC (Average)		0.00	-7.55	dB	Passed
Margin CB (Average)		0.00	-18.62	dB	Passed
Margin BA (Average)		0.00	-18.24	dB	Passed
Occupied Bandwidth (Average)			16.42	MHz	

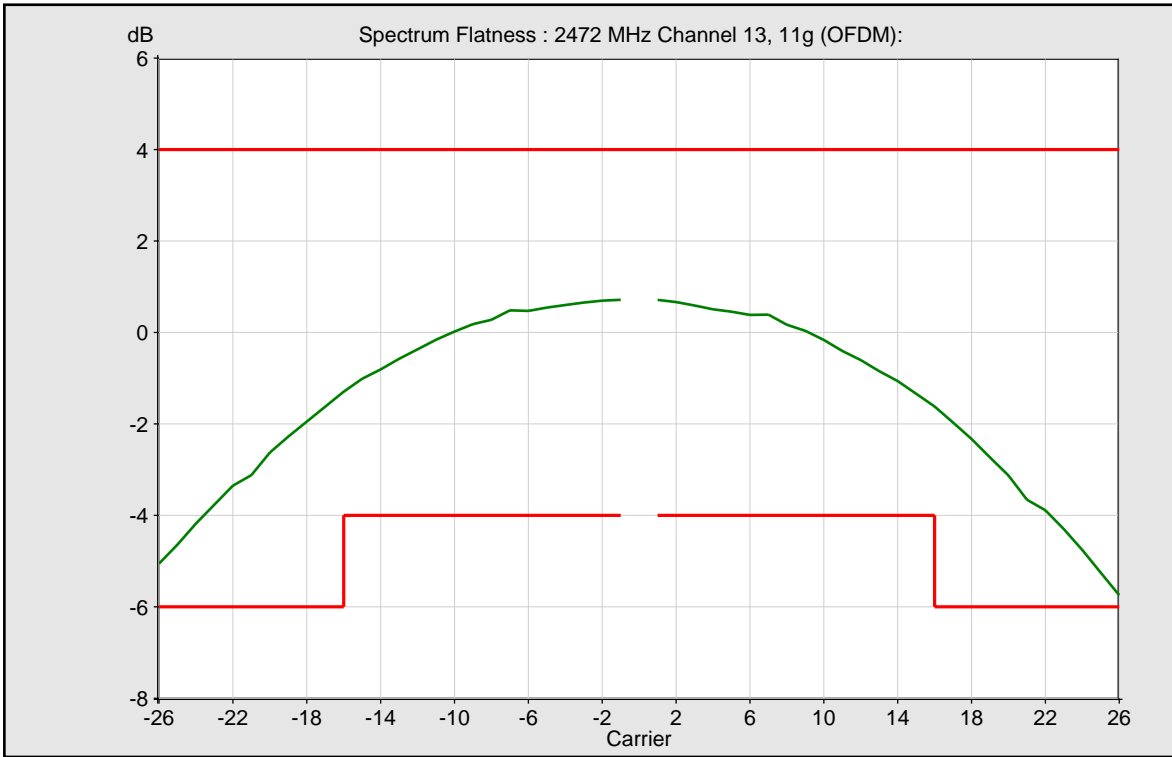


— Average

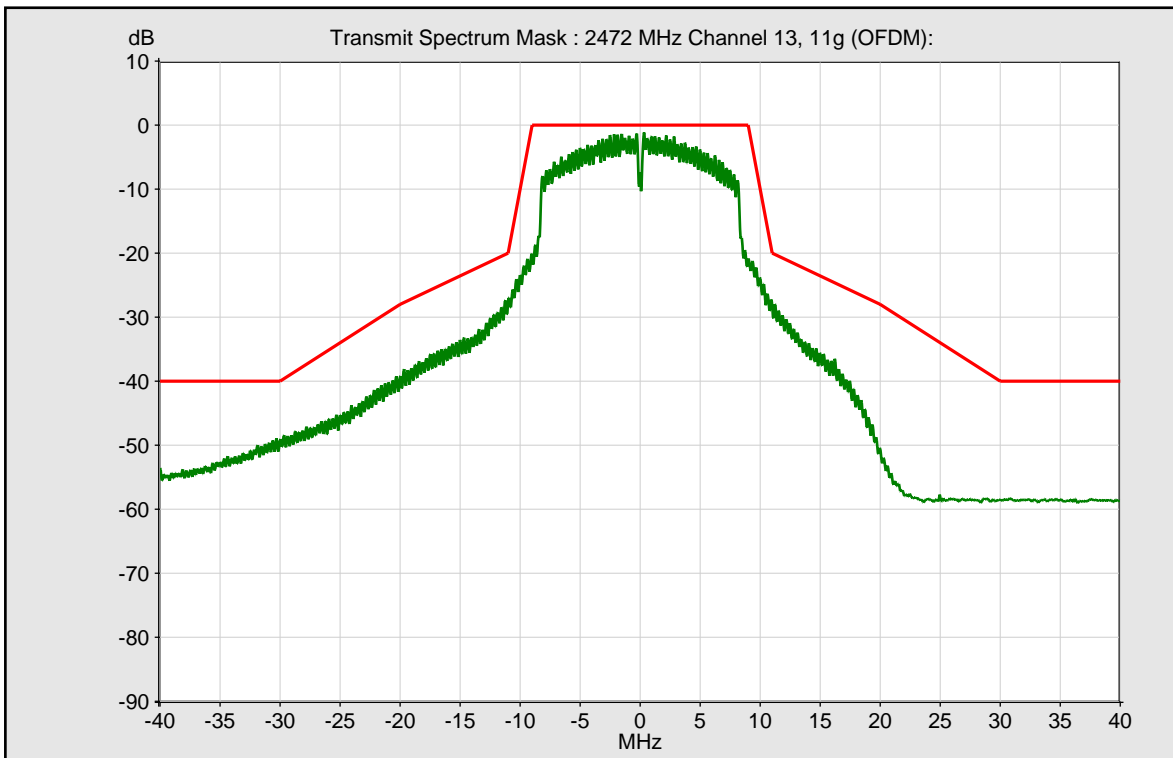


— Average

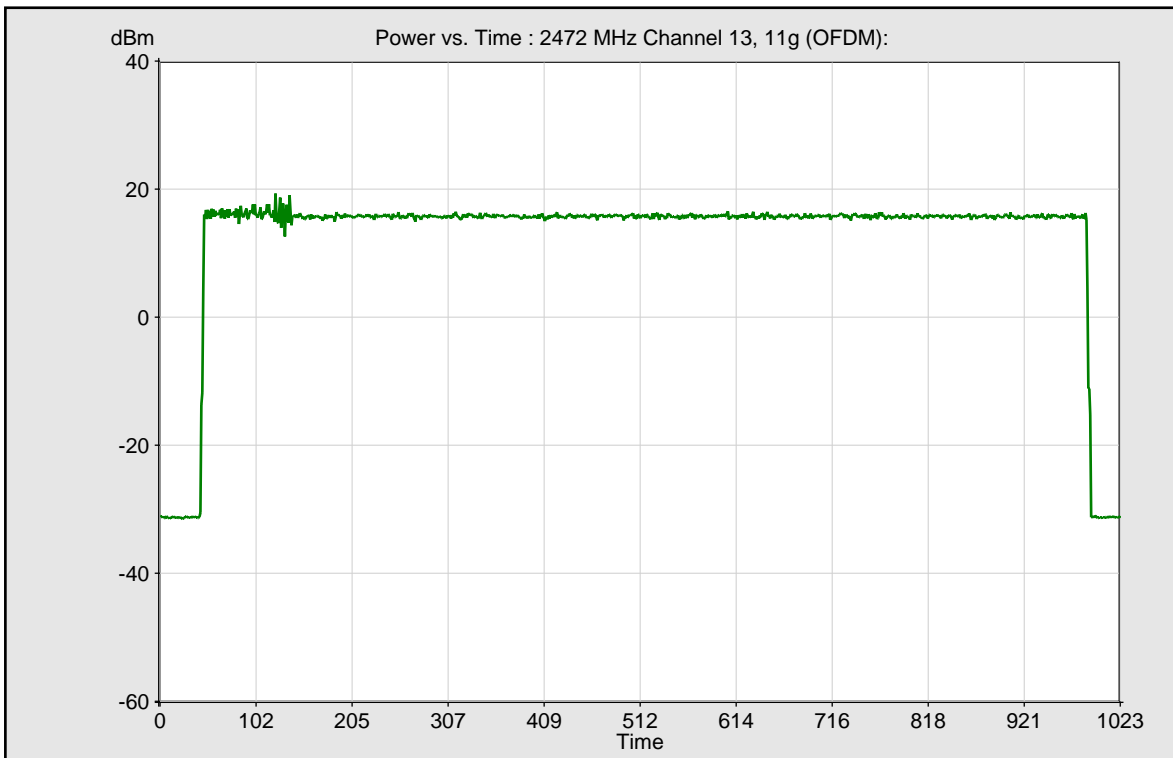




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

calibrator wlan0 cc33xx_plt stop_tx

calibrator wlan0 cc33xx_plt tune_channel 13 0 0

calibrator wlan0 cc33xx_plt set_tx -default 0

calibrator wlan0 cc33xx_plt set_tx -preamble_type 2 -phy_rate 12 -length const packet 1200 -delay 1000 -tx_power 30

calibrator wlan0 cc33xx_plt start_tx

WLAN Signaling Tx Measurement: TX Measurement

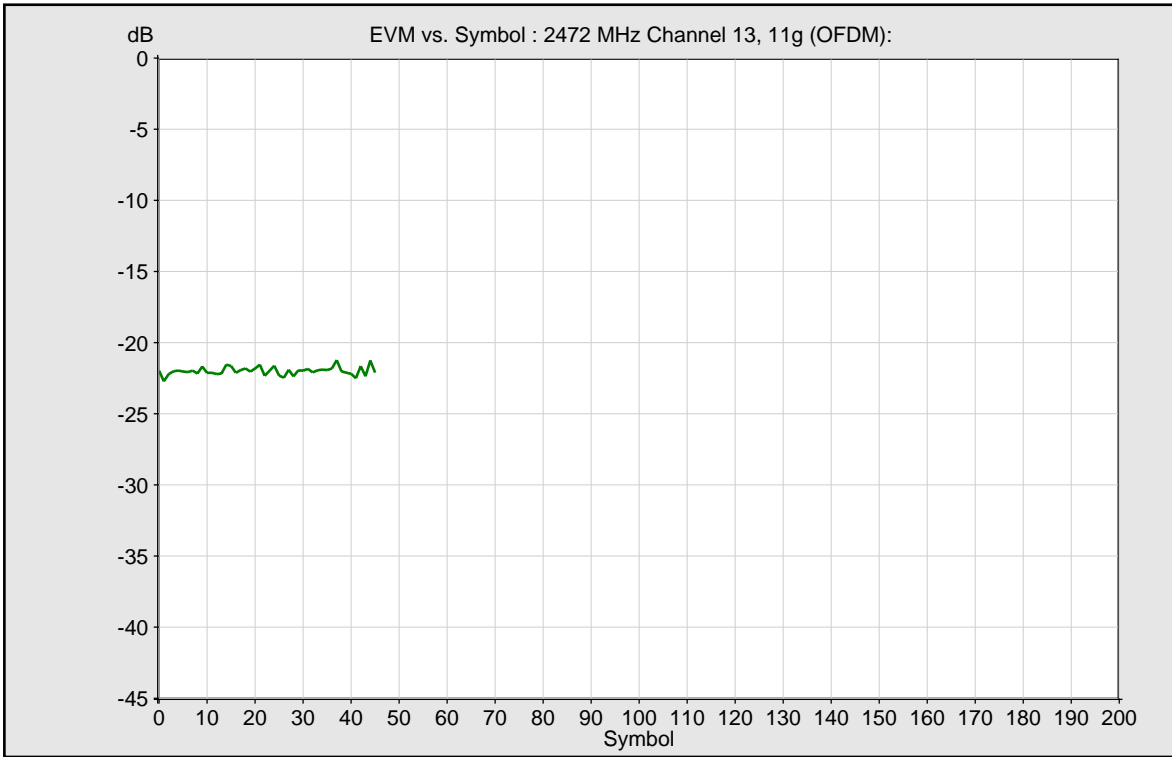
Trigger Source = IF Power

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
TX Measurement @ Frequency = 2472 MHz (Channel 13), Packet Interval = 1000, Packet Size = 1200, 11g (OFDM)					
Modulation Type			54 Mbps, 64-QAM 3/4	---	
Payload Length	16	1366	46	symbol	Passed
Burst Power (Average)	-100	30	16.65	dBm	Passed
EVM All Carriers (Average)		-25	-21.33	dB	Failed
EVM Data Carriers (Average)		-25	-21.24	dB	Failed
EVM Pilot Carriers (Average)		-8	-22.57	dB	Passed
Center Frequency Error (Average)	-60000	60000	20741.52	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.77	ppm	Passed
IQ Offset (Average)		-15	-27.58	dB	Passed
Gain Imbalance (Average)	-140	0	-0.17	dB	Passed
Quadrature Error (Average)	-180	180	-0.88	deg	Passed

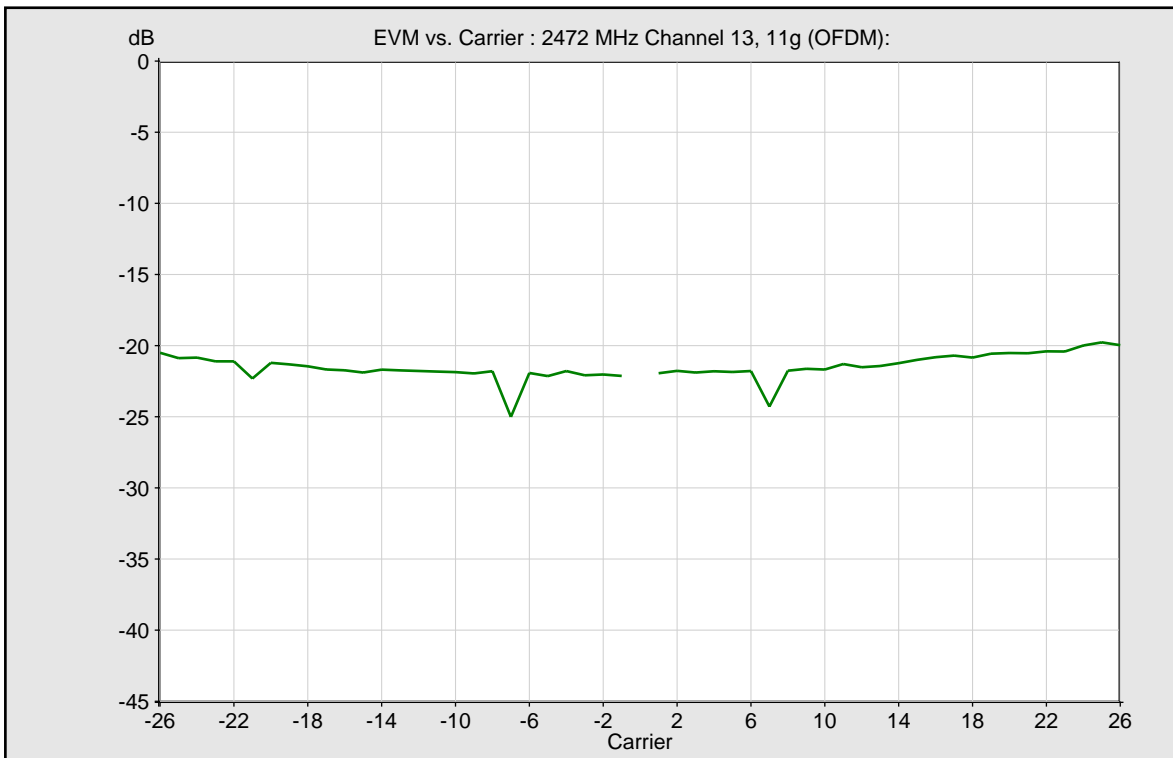
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.24	dB	Passed
Lower Margin Left Side (Average)	-6		-0.98	dB	Passed
Lower Margin Left Center (Average)	-4		-2.69	dB	Passed
Lower Margin Right Center (Average)	-4		-2.39	dB	Passed
Lower Margin Right Side (Average)	-6		-0.32	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-9.17	dB	Passed
Margin BC (Average)		0.00	-8.98	dB	Passed
Margin CD (Average)		0.00	-7.31	dB	Passed
Margin DE (Average)		0.00	-7.60	dB	Passed
Margin ED (Average)		0.00	-7.58	dB	Passed

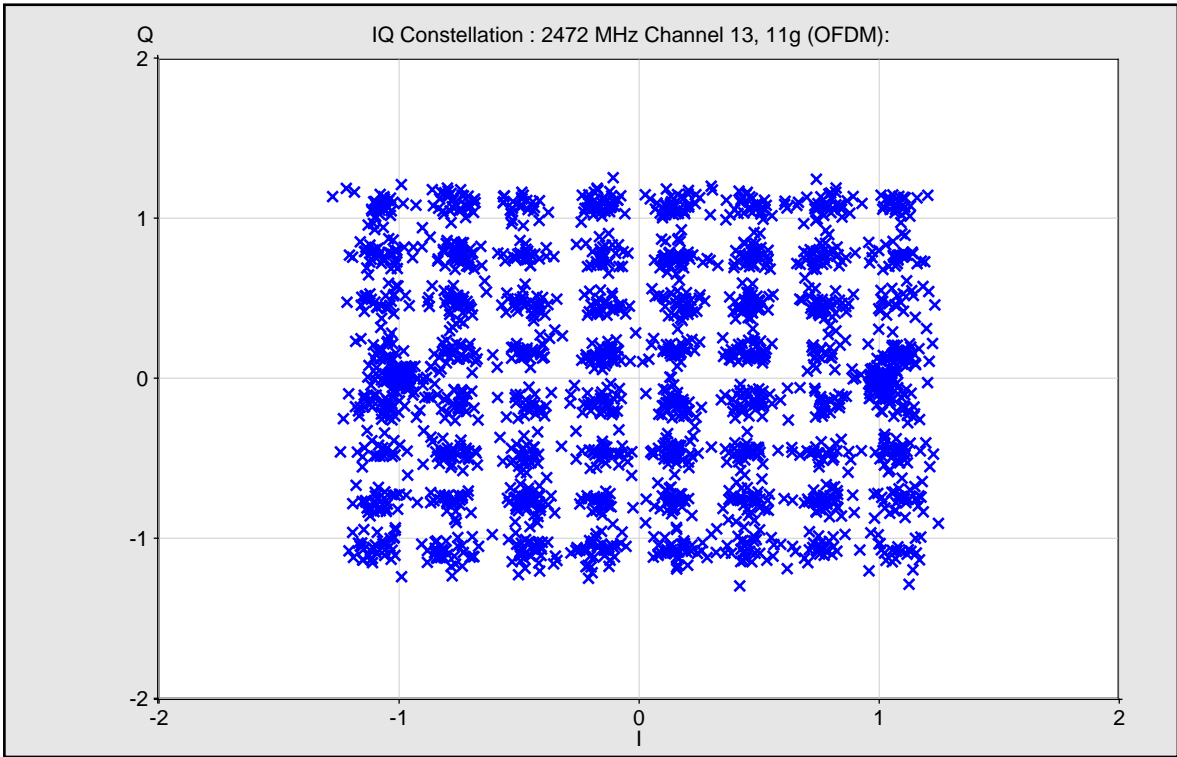
Margin DC (Average)		0.00	-7.77	dB	Passed
Margin CB (Average)		0.00	-18.98	dB	Passed
Margin BA (Average)		0.00	-18.64	dB	Passed
Occupied Bandwidth (Average)			16.45	MHz	

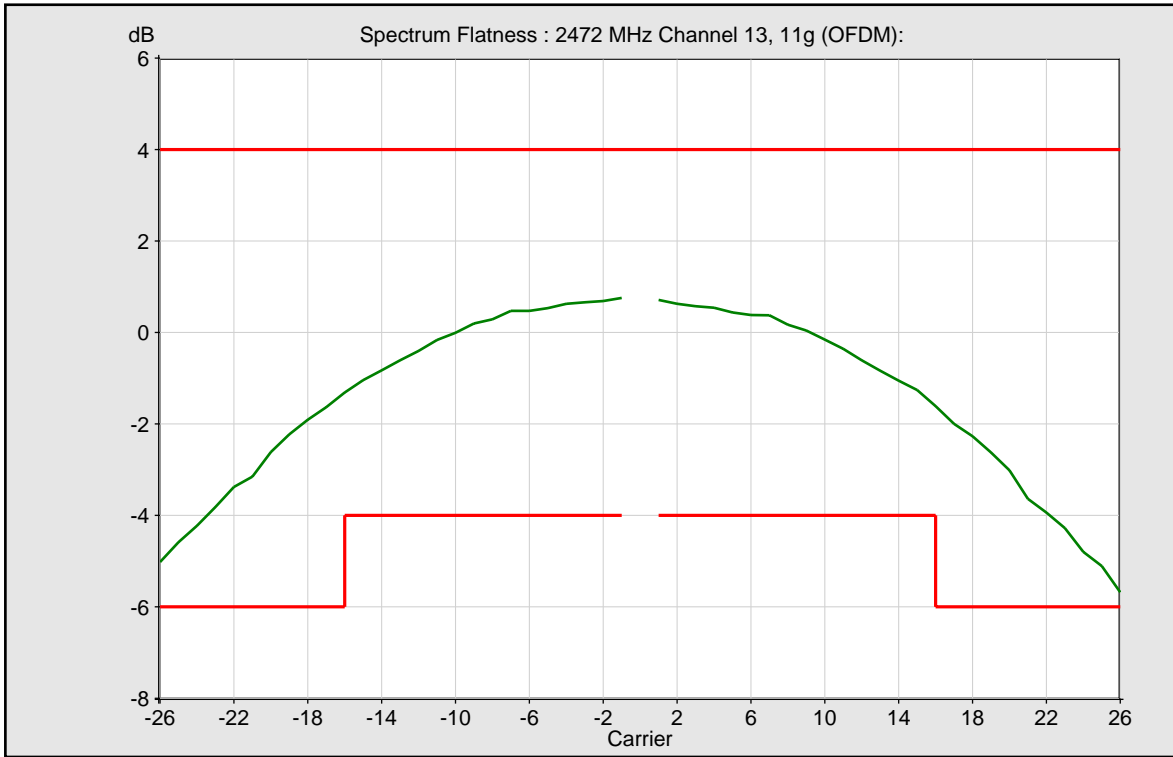


— Average

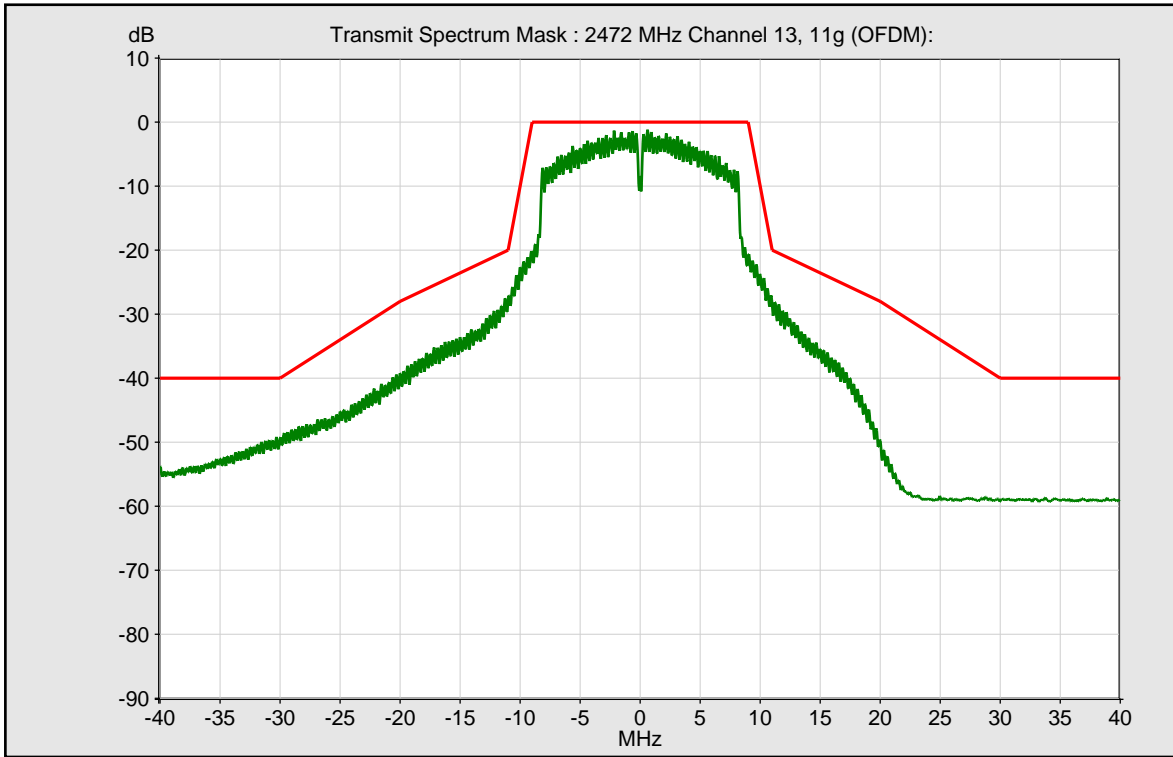


— Average

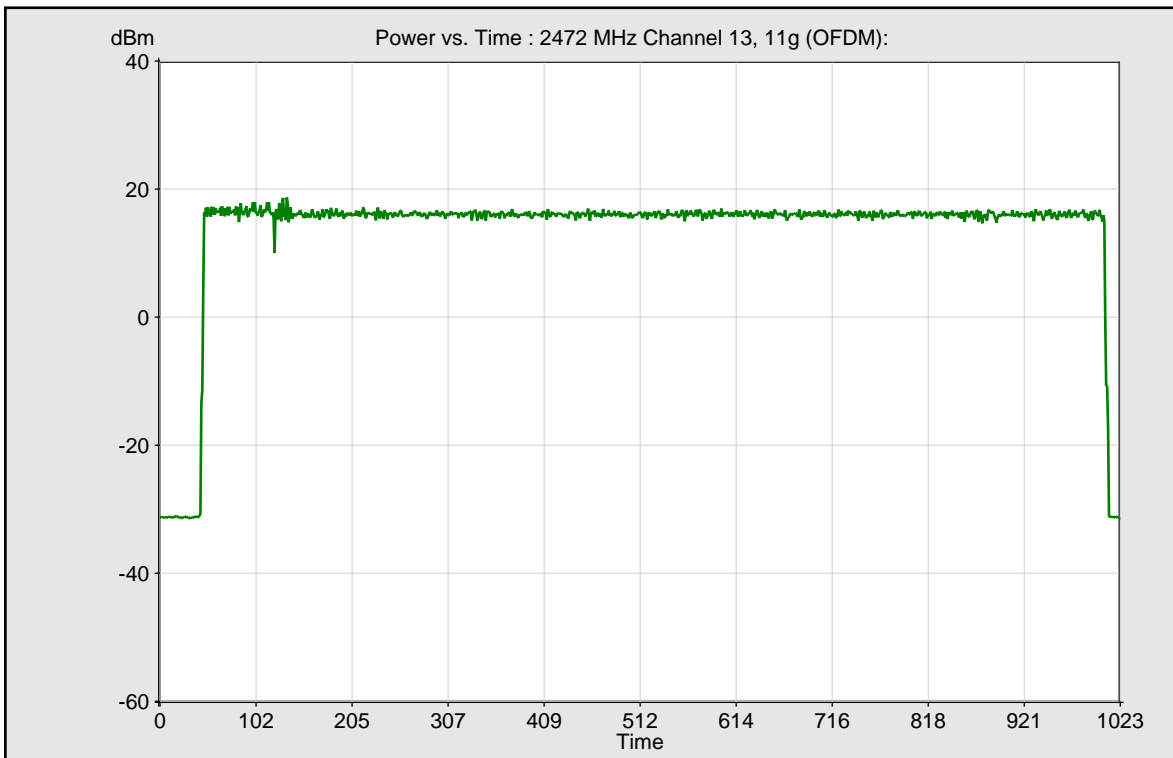




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 plt power_mode off

Serial Close Port: Close