



Measurement Report

08/09/2024 09:06:22

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:

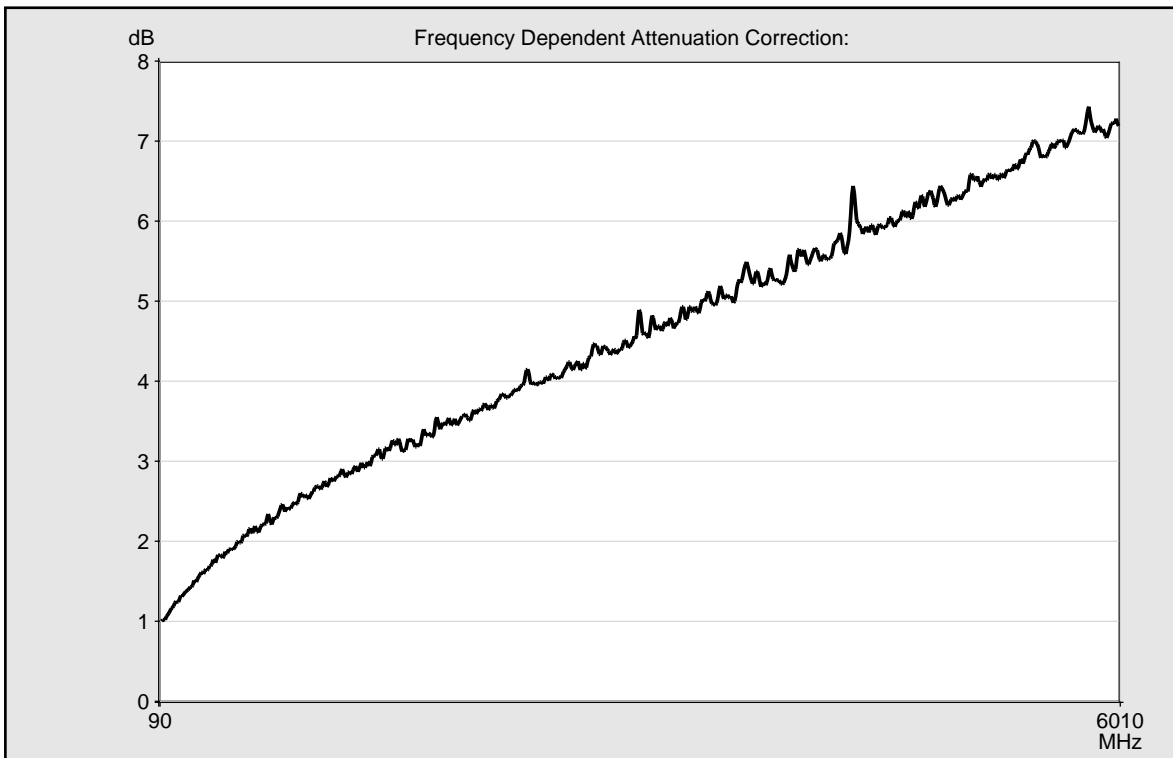
Test Start Time: 08/09/2024 09:06:22
Test End Time: 08/09/2024 09:10:45
Total Test Time: 00:04:23
Weighted Test Time: 00:04:23
Tests Passed: 414
Tests Failed: 0
Number of Tests: 414
Errors: 0
Warnings: 0

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

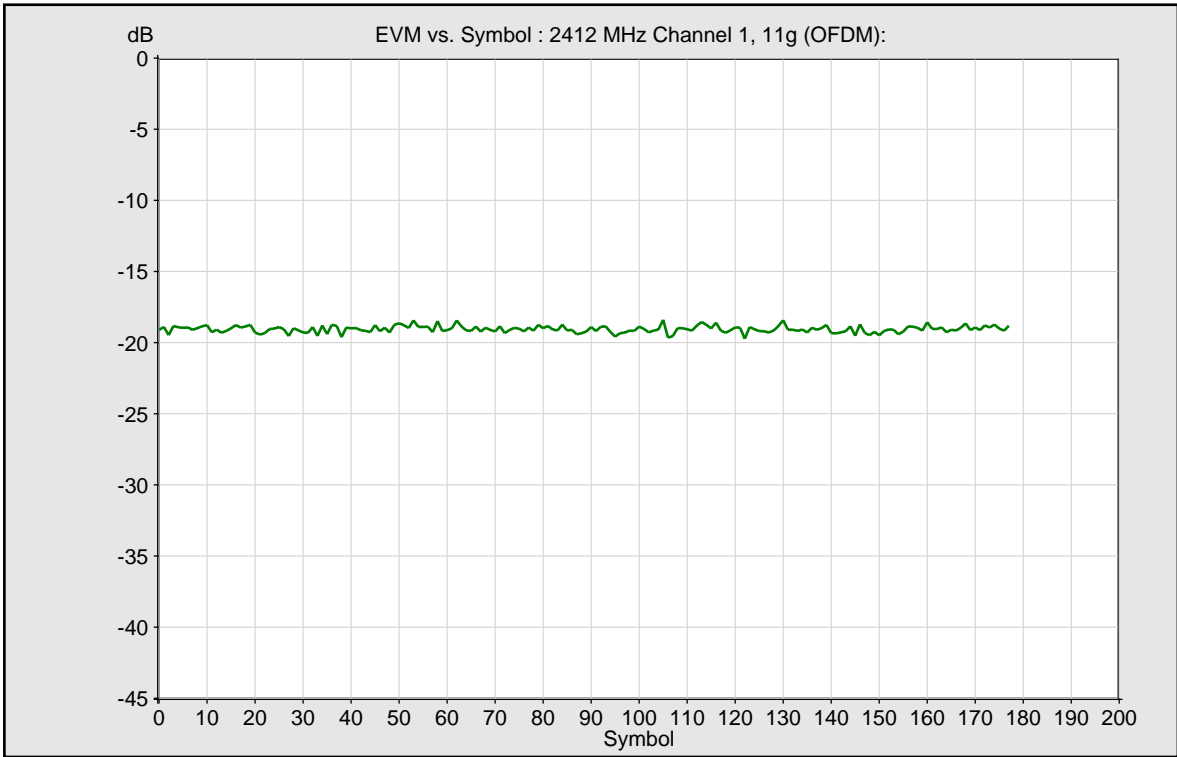
Trigger Source = IF Power

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	15.86	dBm	Passed
EVM All Carriers (Average)		-5	-18.54	dB	Passed
EVM Data Carriers (Average)		-5	-18.43	dB	Passed
EVM Pilot Carriers (Average)		-8	-20.06	dB	Passed
Center Frequency Error (Average)	-60000	60000	22767.66	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.57	ppm	Passed
IQ Offset (Average)		-15	-45.40	dB	Passed
Gain Imbalance (Average)	-140	0	0.12	dB	Passed
Quadrature Error (Average)	-180	180	0.04	deg	Passed

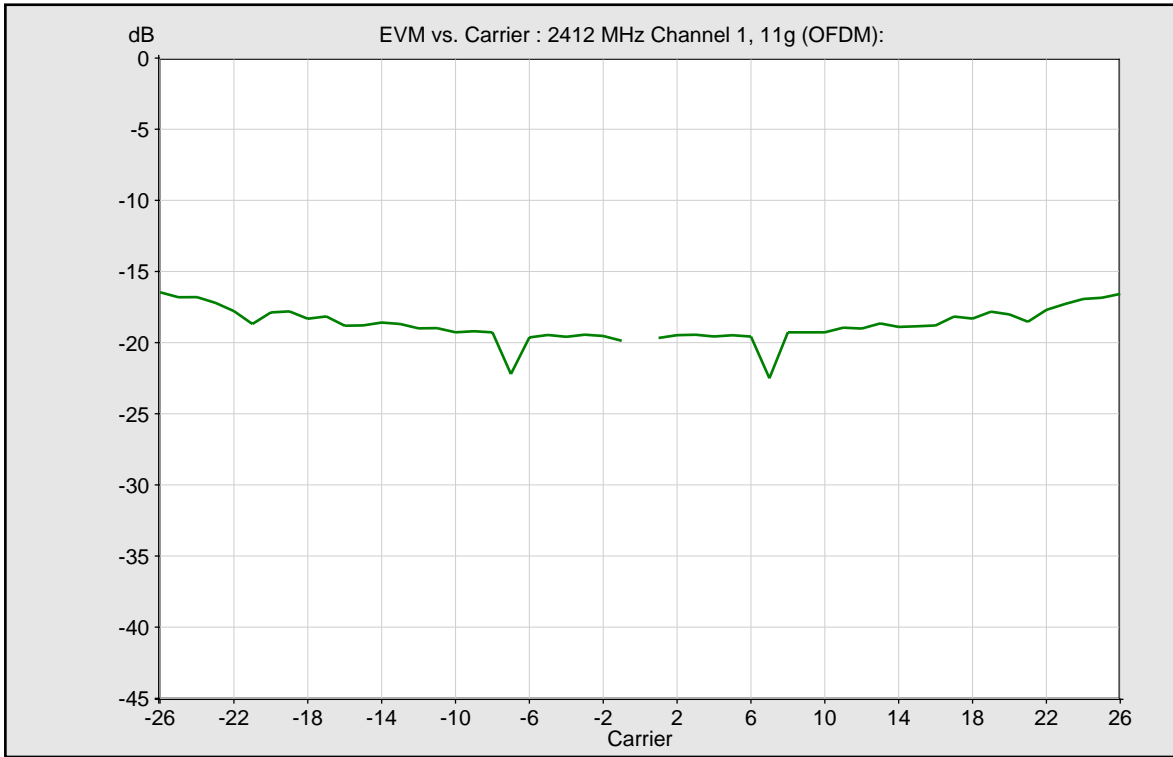
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.18	dB	Passed
Lower Margin Left Side (Average)	-6		-0.49	dB	Passed
Lower Margin Left Center (Average)	-4		-2.45	dB	Passed
Lower Margin Right Center (Average)	-4		-3.23	dB	Passed
Lower Margin Right Side (Average)	-6		-1.60	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-17.52	dB	Passed
Margin BC (Average)		0.00	-17.62	dB	Passed

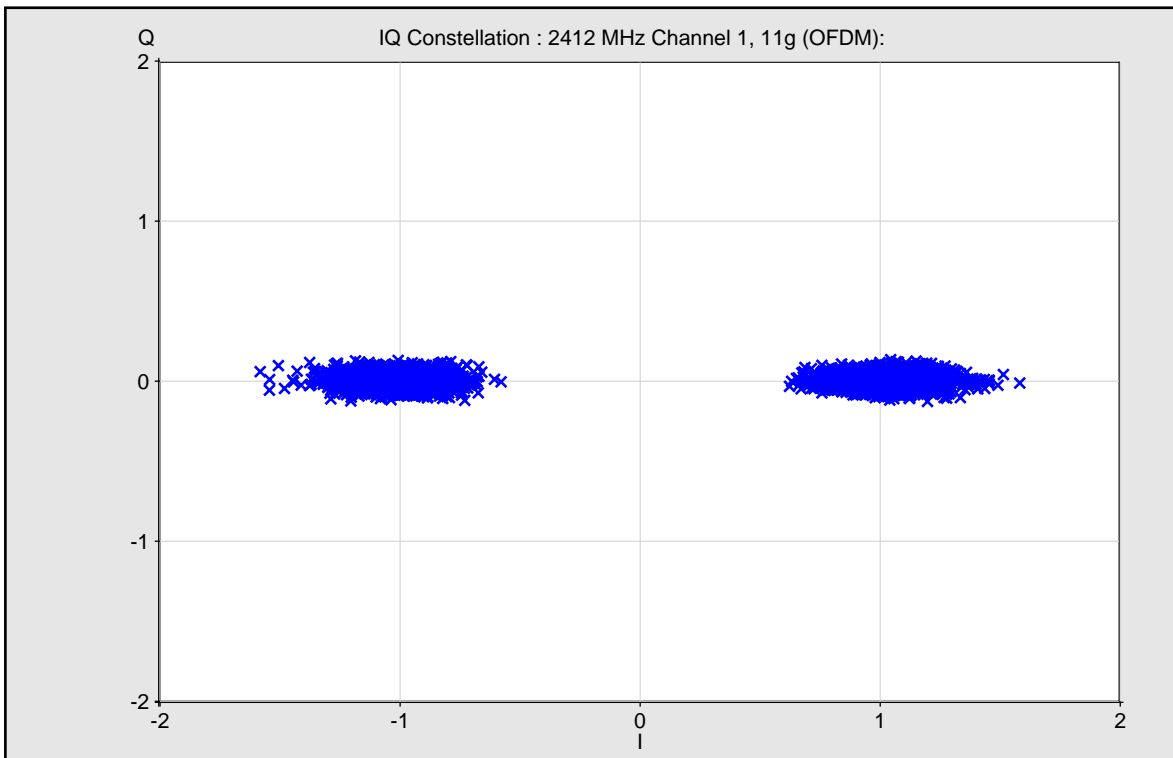
Margin CD (Average)		0.00	-14.49	dB	Passed
Margin DE (Average)		0.00	-13.39	dB	Passed
Margin ED (Average)		0.00	-11.41	dB	Passed
Margin DC (Average)		0.00	-11.77	dB	Passed
Margin CB (Average)		0.00	-13.05	dB	Passed
Margin BA (Average)		0.00	-12.86	dB	Passed
Occupied Bandwidth (Average)			16.35	MHz	

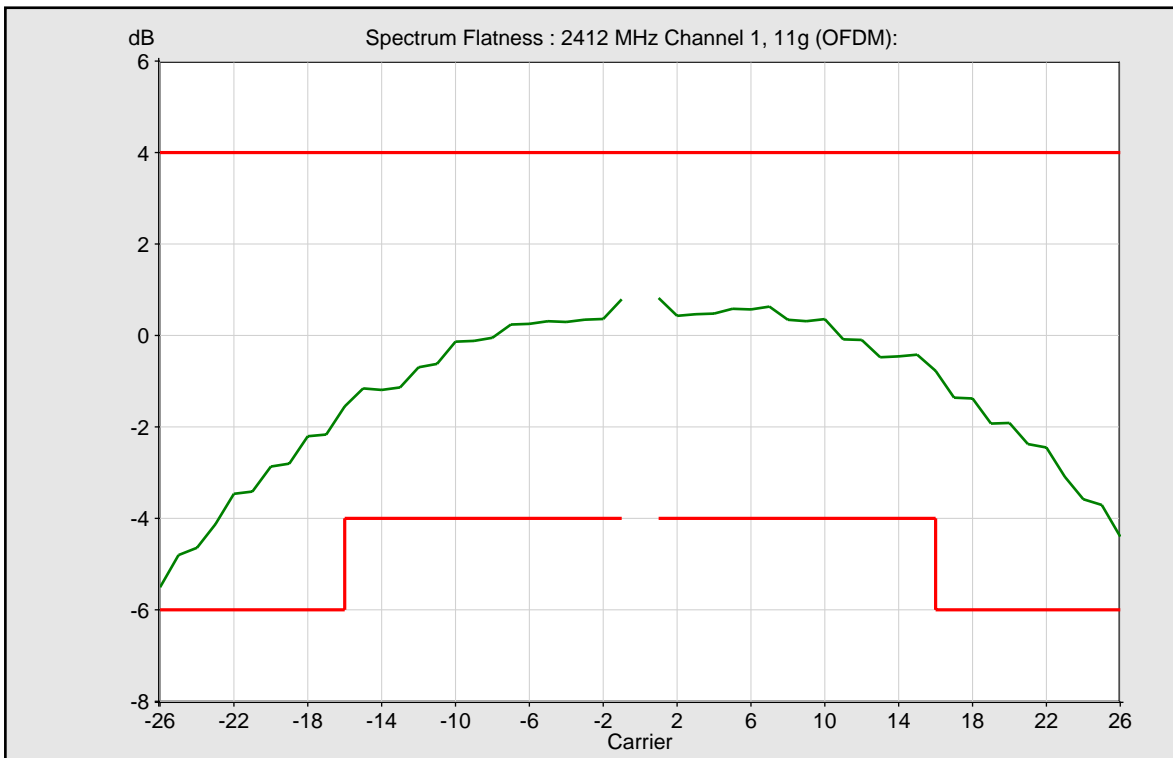


— Average

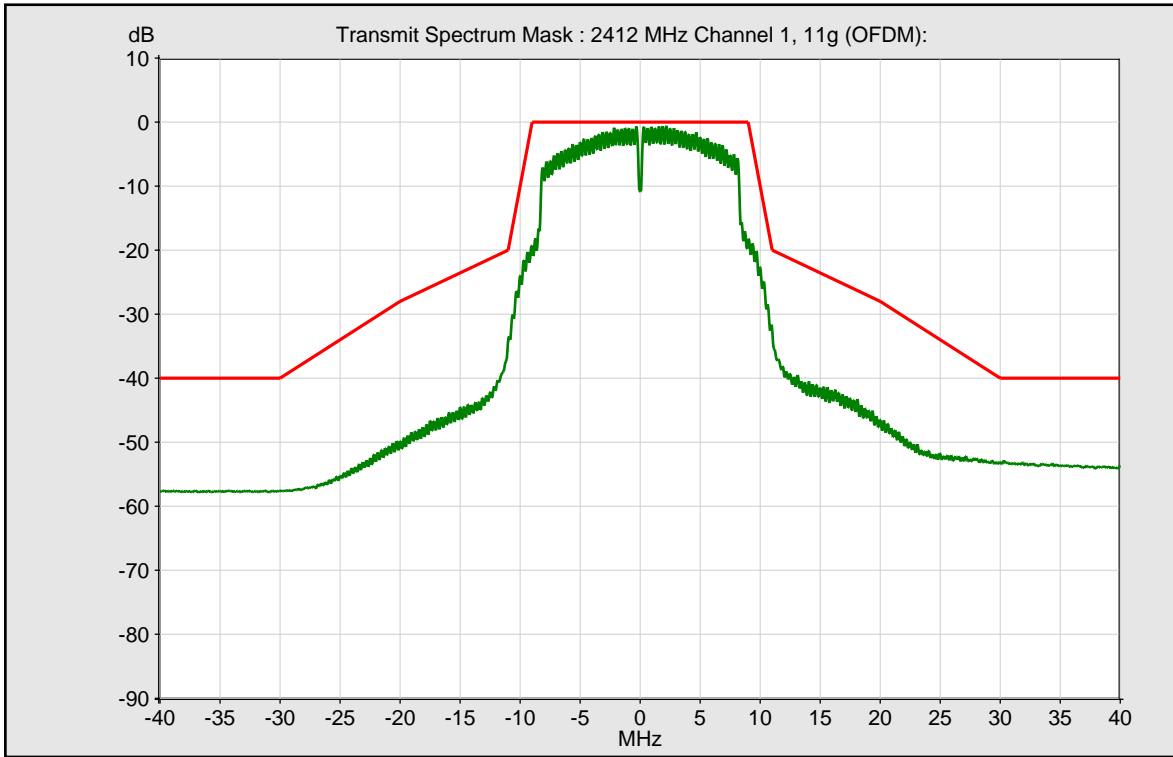


— Average

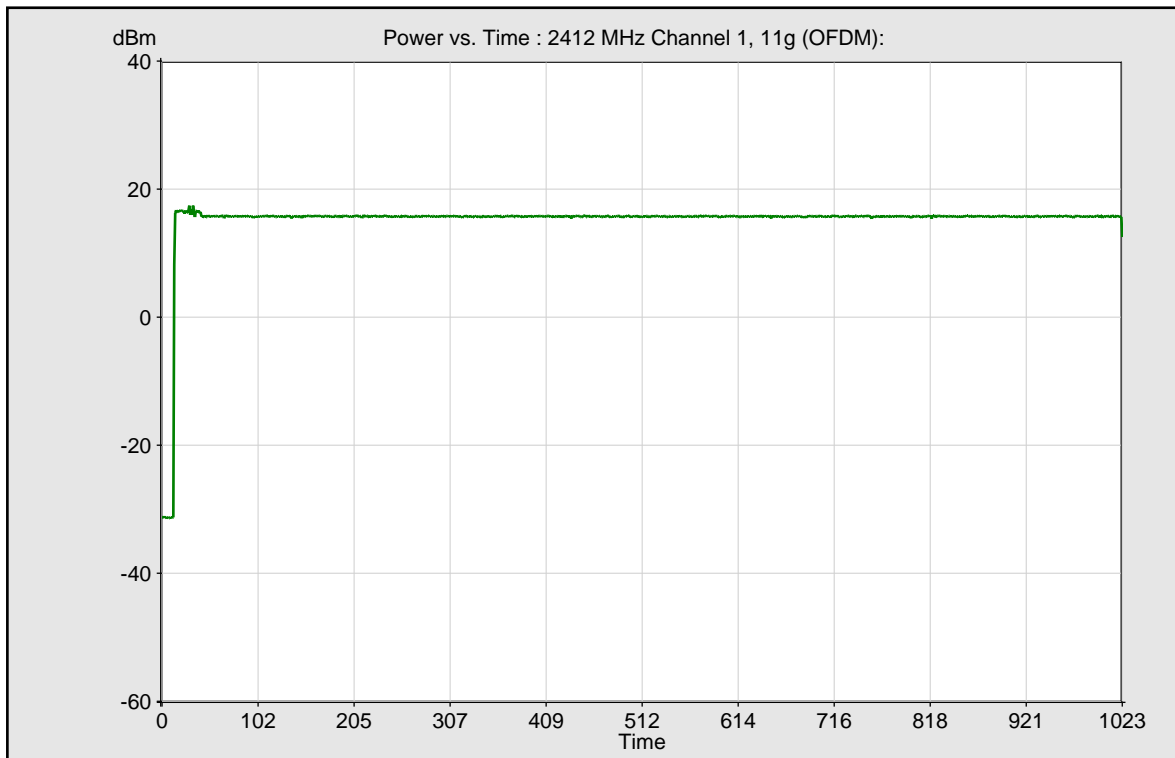




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 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

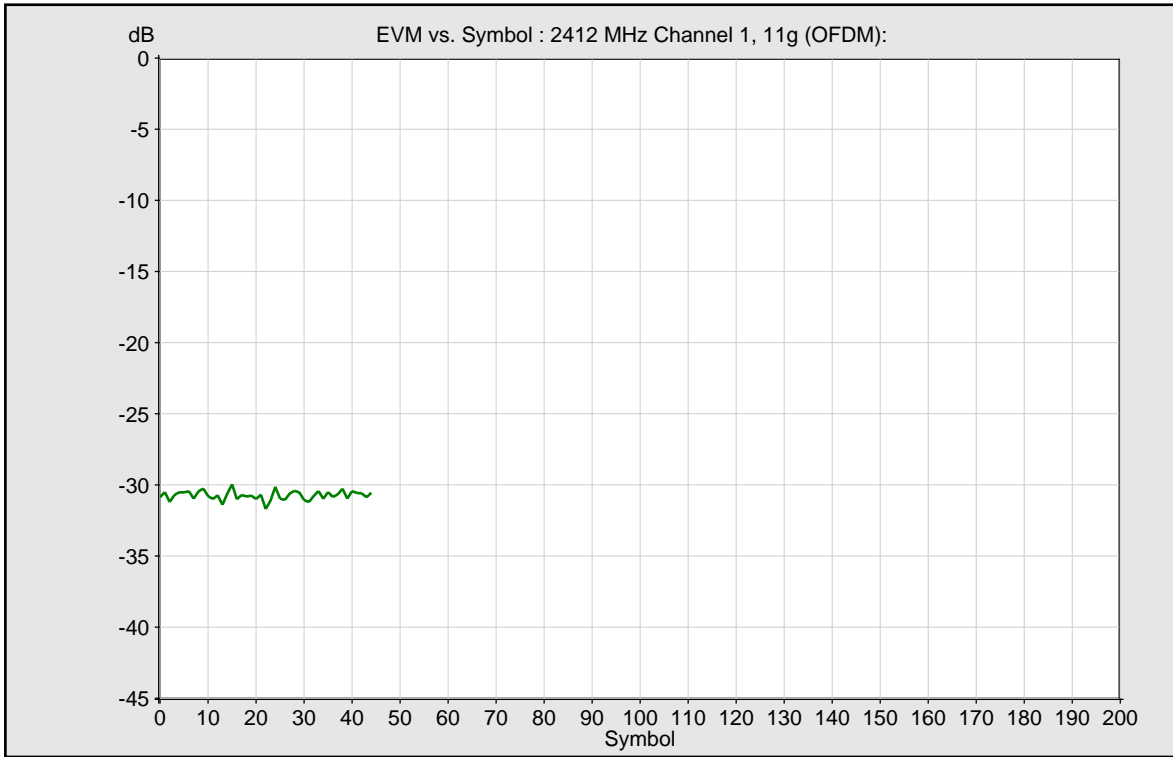
Trigger Source = IF Power

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	14.67	dBm	Passed
EVM All Carriers (Average)		-16	-29.96	dB	Passed
EVM Data Carriers (Average)		-16	-29.83	dB	Passed
EVM Pilot Carriers (Average)		-8	-31.88	dB	Passed
Center Frequency Error (Average)	-60000	60000	22438.18	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.80	ppm	Passed
IQ Offset (Average)		-15	-46.27	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	0.05	deg	Passed

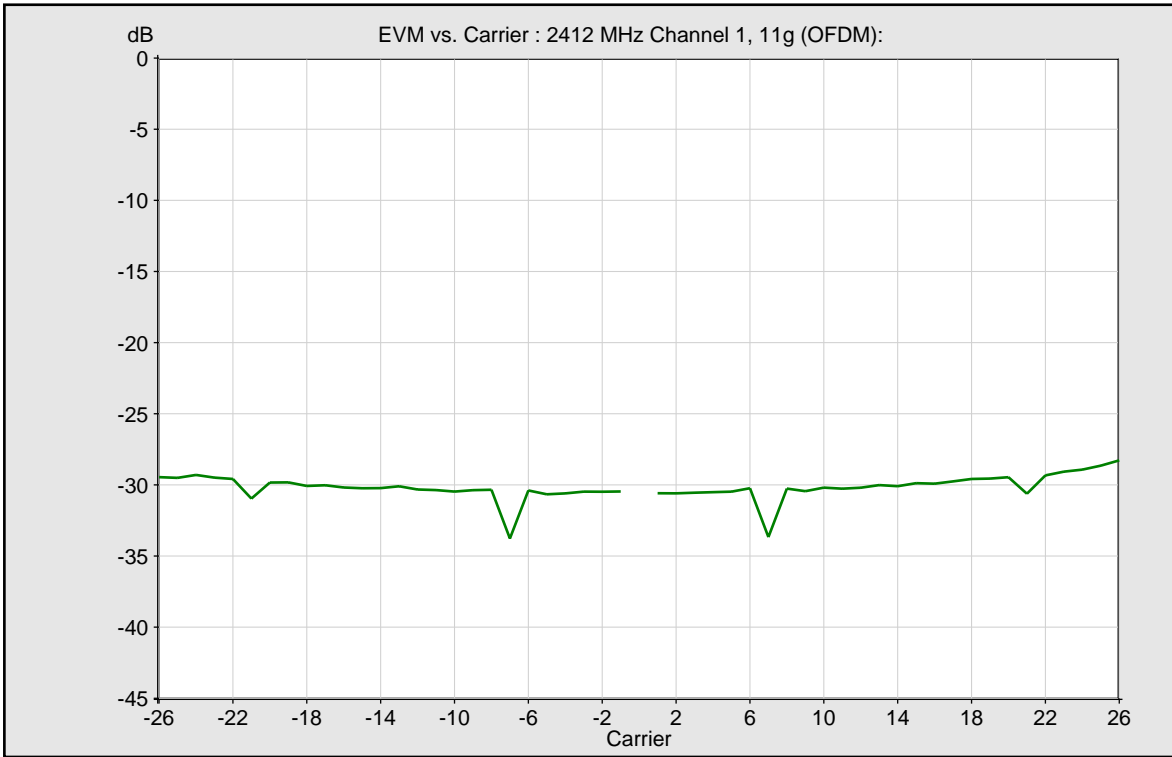
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.36	dB	Passed
Lower Margin Left Side (Average)	-6		-0.65	dB	Passed
Lower Margin Left Center (Average)	-4		-2.35	dB	Passed
Lower Margin Right Center (Average)	-4		-3.14	dB	Passed
Lower Margin Right Side (Average)	-6		-1.80	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-17.16	dB	Passed
Margin BC (Average)		0.00	-17.48	dB	Passed
Margin CD (Average)		0.00	-9.87	dB	Passed
Margin DE (Average)		0.00	-9.34	dB	Passed
Margin ED (Average)		0.00	-6.89	dB	Passed

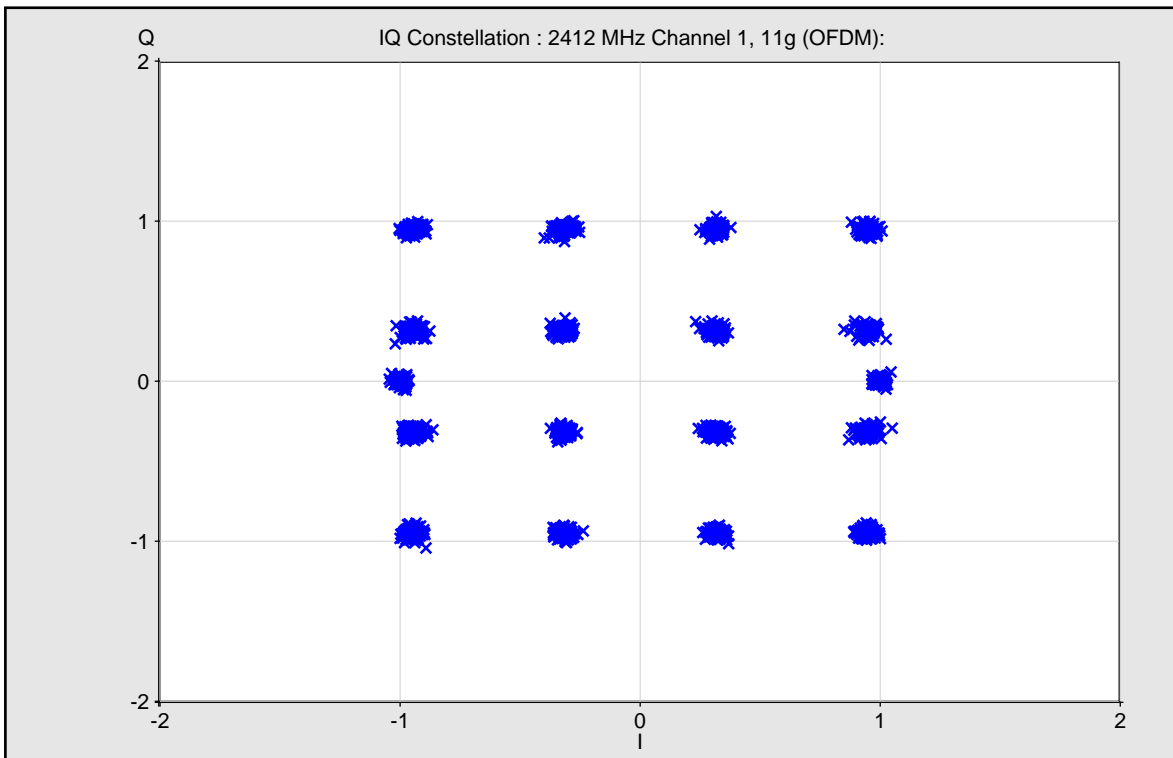
Margin DC (Average)		0.00	-6.89	dB	Passed
Margin CB (Average)		0.00	-11.68	dB	Passed
Margin BA (Average)		0.00	-12.10	dB	Passed
Occupied Bandwidth (Average)			16.43	MHz	

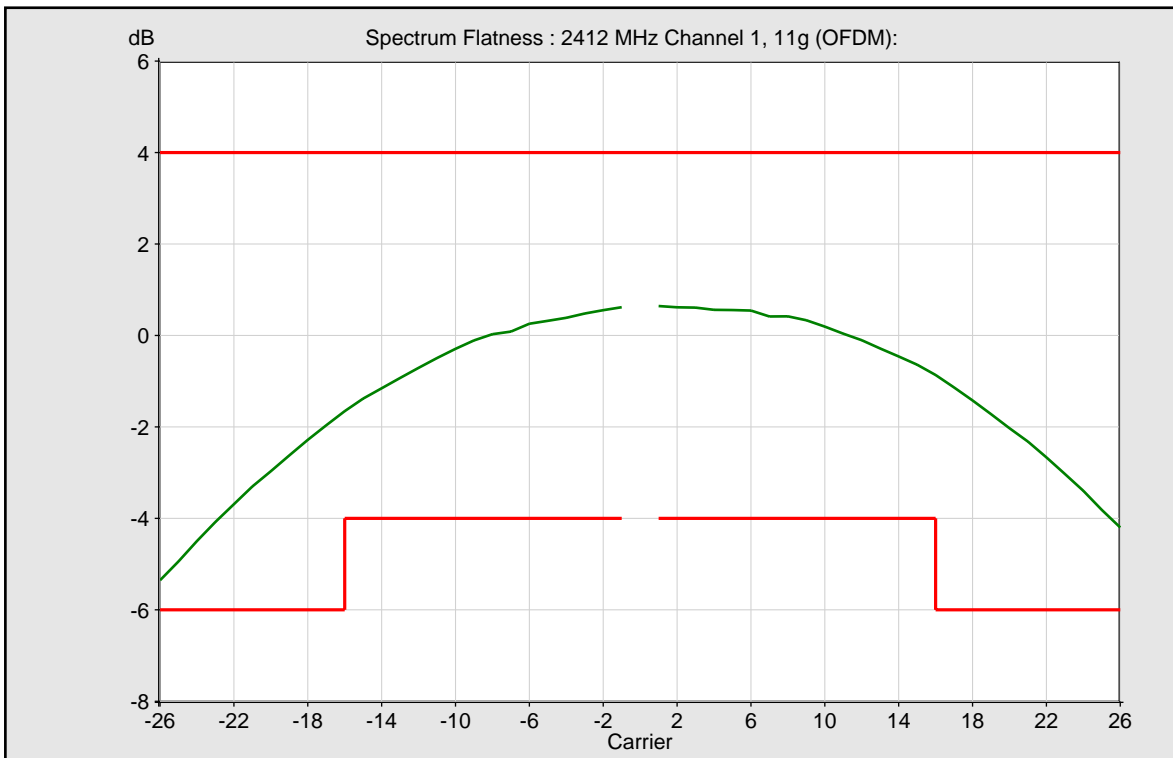


— Average

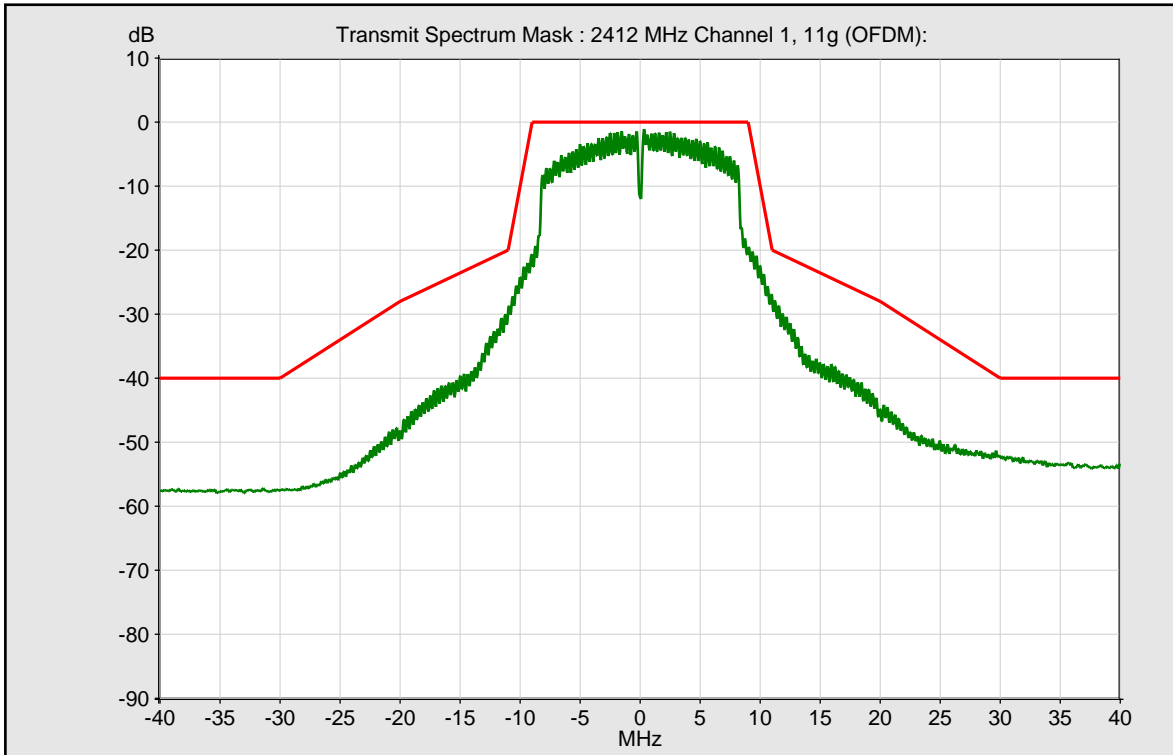


— Average

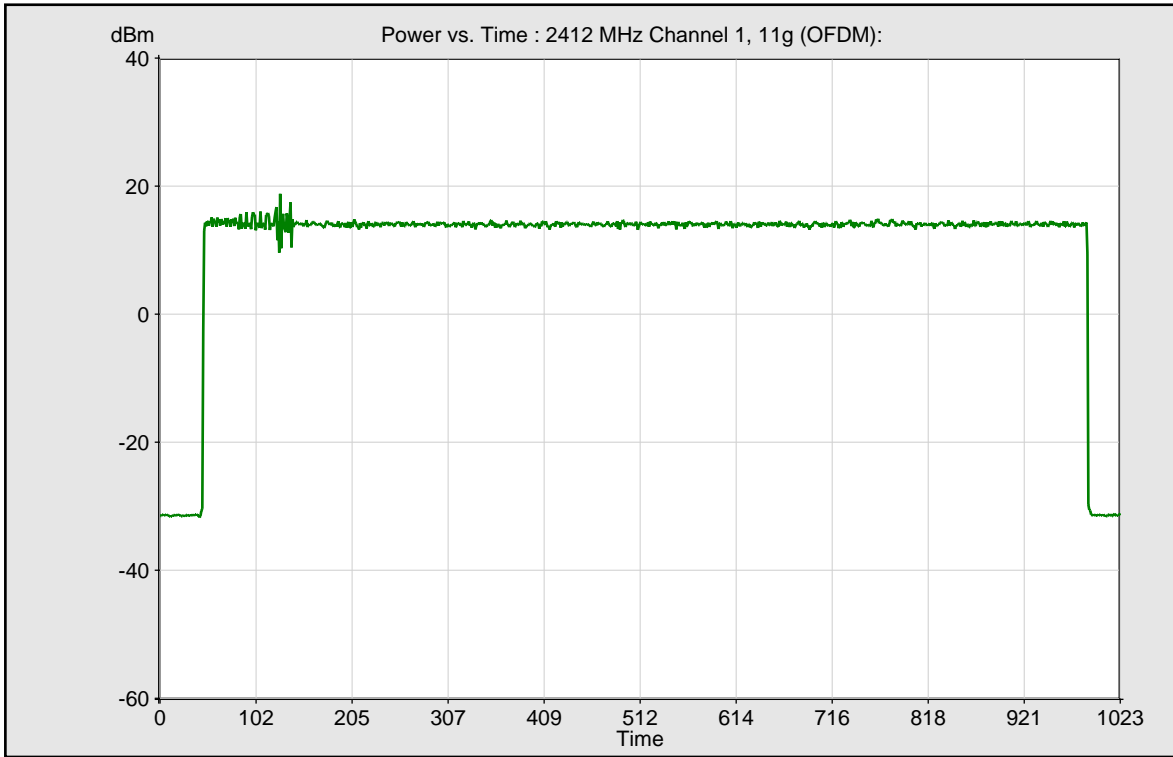




— Limit_Line
— Average



— 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

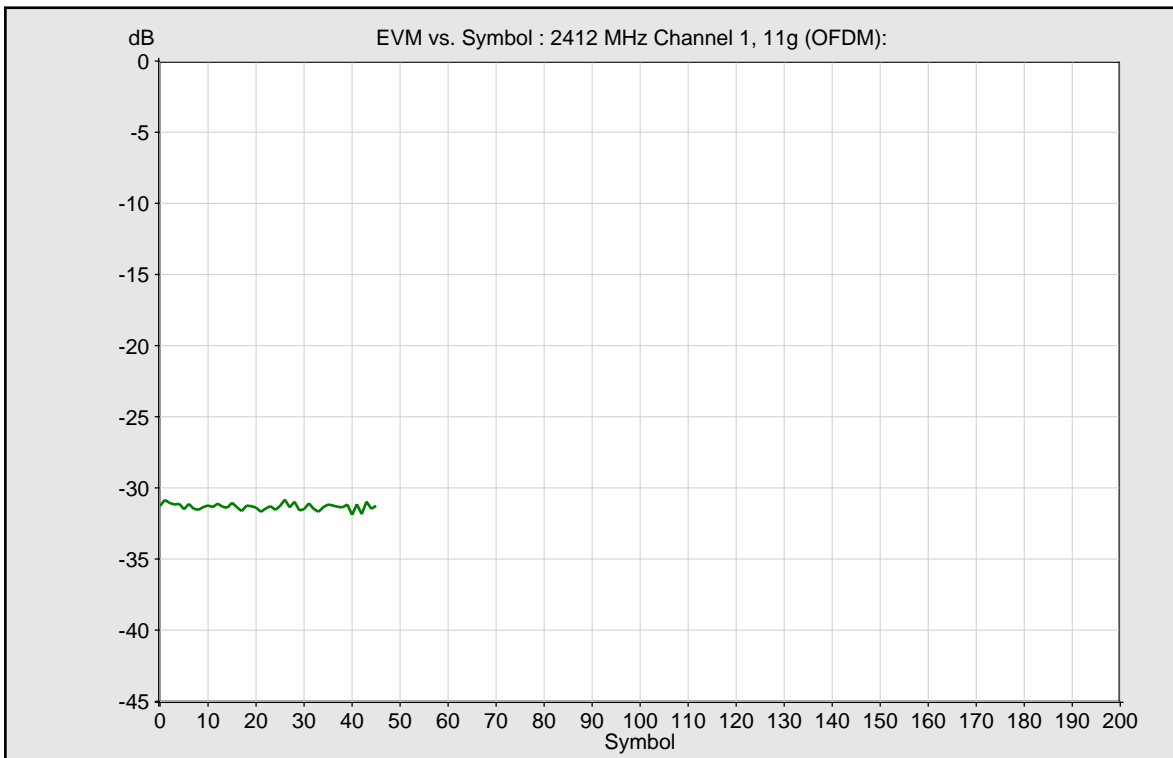
Trigger Source = IF Power

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	14.88	dBm	Passed
EVM All Carriers (Average)		-25	-30.49	dB	Passed
EVM Data Carriers (Average)		-25	-30.37	dB	Passed
EVM Pilot Carriers (Average)		-8	-32.39	dB	Passed
Center Frequency Error (Average)	-60000	60000	22788.14	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.80	ppm	Passed
IQ Offset (Average)		-15	-46.65	dB	Passed
Gain Imbalance (Average)	-140	0	0.09	dB	Passed
Quadrature Error (Average)	-180	180	0.09	deg	Passed

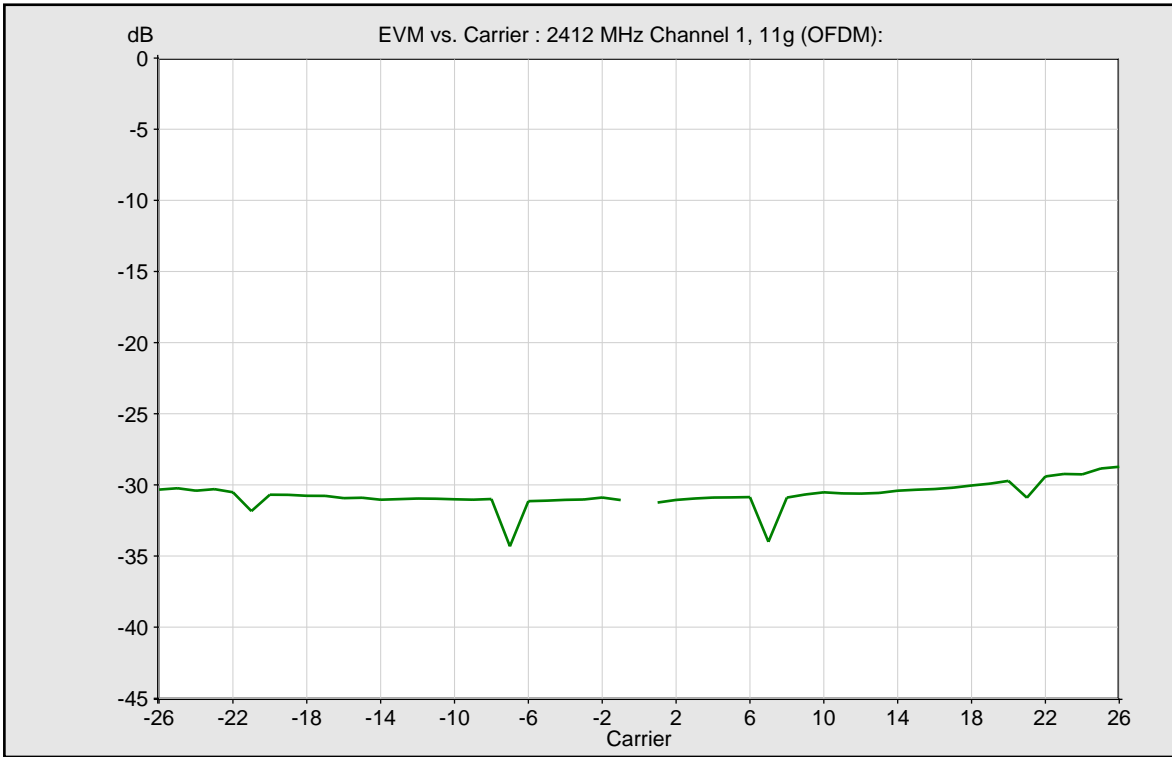
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.36	dB	Passed
Lower Margin Left Side (Average)	-6		-0.64	dB	Passed
Lower Margin Left Center (Average)	-4		-2.35	dB	Passed
Lower Margin Right Center (Average)	-4		-3.13	dB	Passed
Lower Margin Right Side (Average)	-6		-1.81	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-17.43	dB	Passed
Margin BC (Average)		0.00	-17.79	dB	Passed
Margin CD (Average)		0.00	-9.96	dB	Passed
Margin DE (Average)		0.00	-9.57	dB	Passed
Margin ED (Average)		0.00	-7.16	dB	Passed

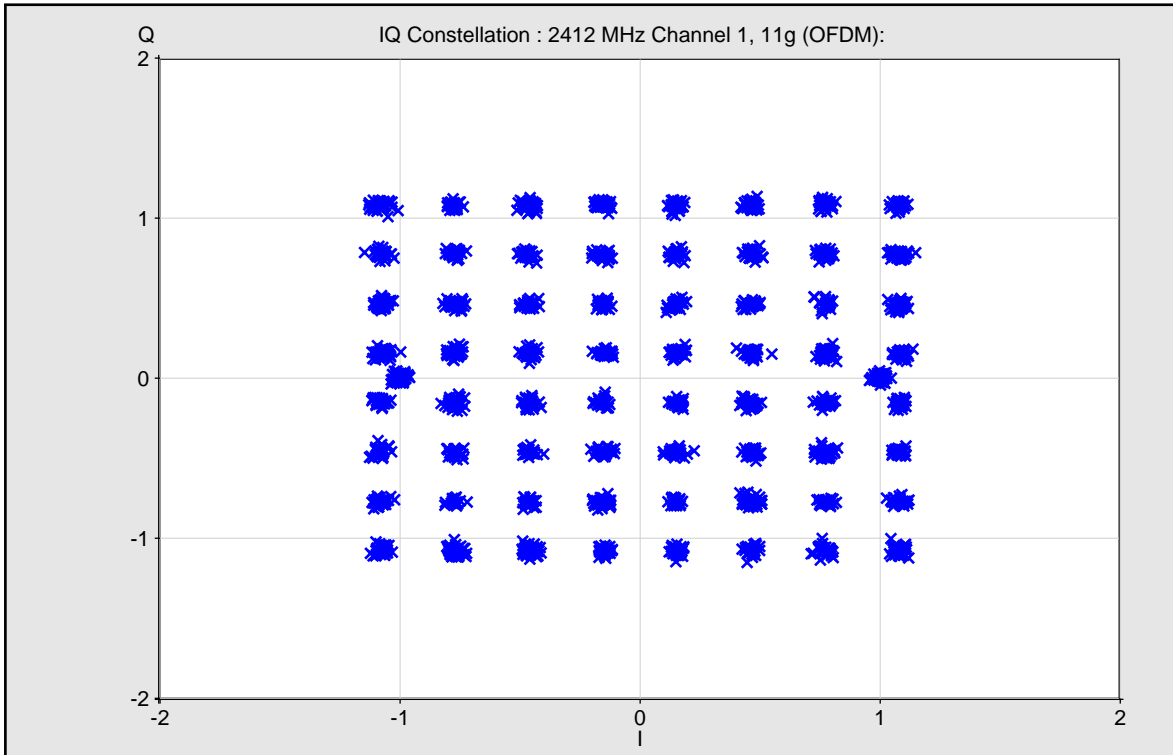
Margin DC (Average)		0.00	-7.16	dB	Passed
Margin CB (Average)		0.00	-12.27	dB	Passed
Margin BA (Average)		0.00	-12.54	dB	Passed
Occupied Bandwidth (Average)			16.37	MHz	

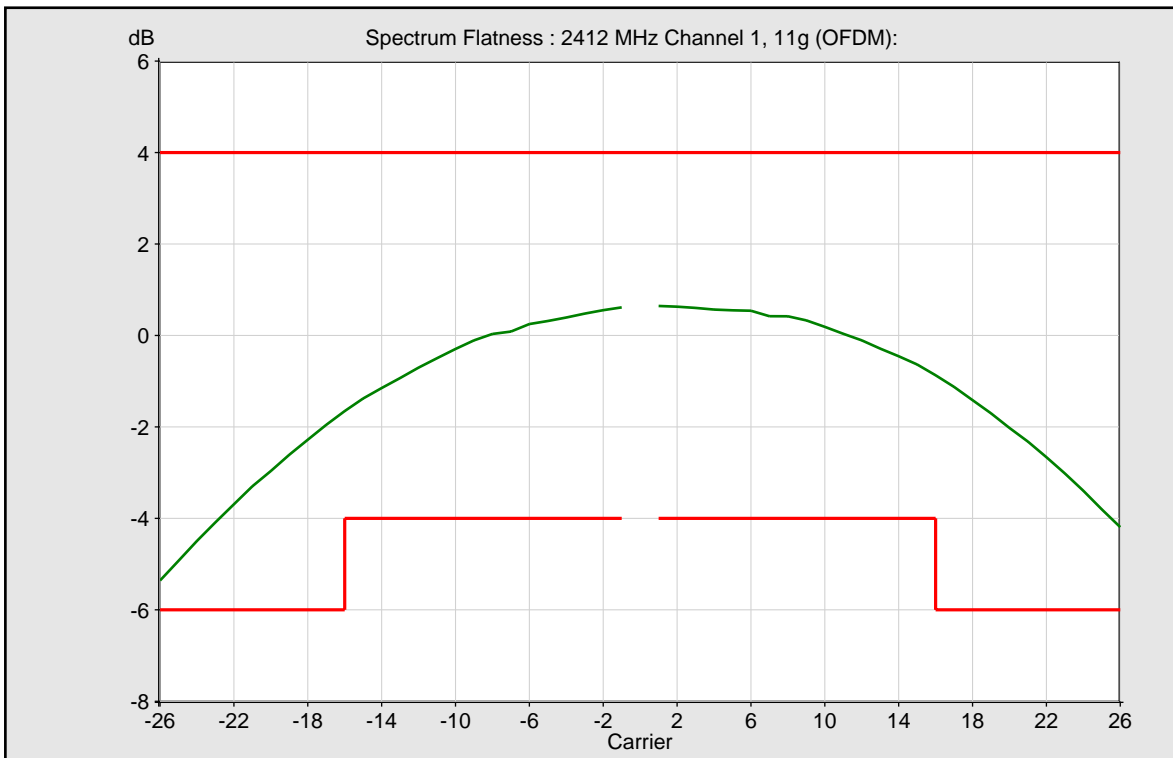


— Average

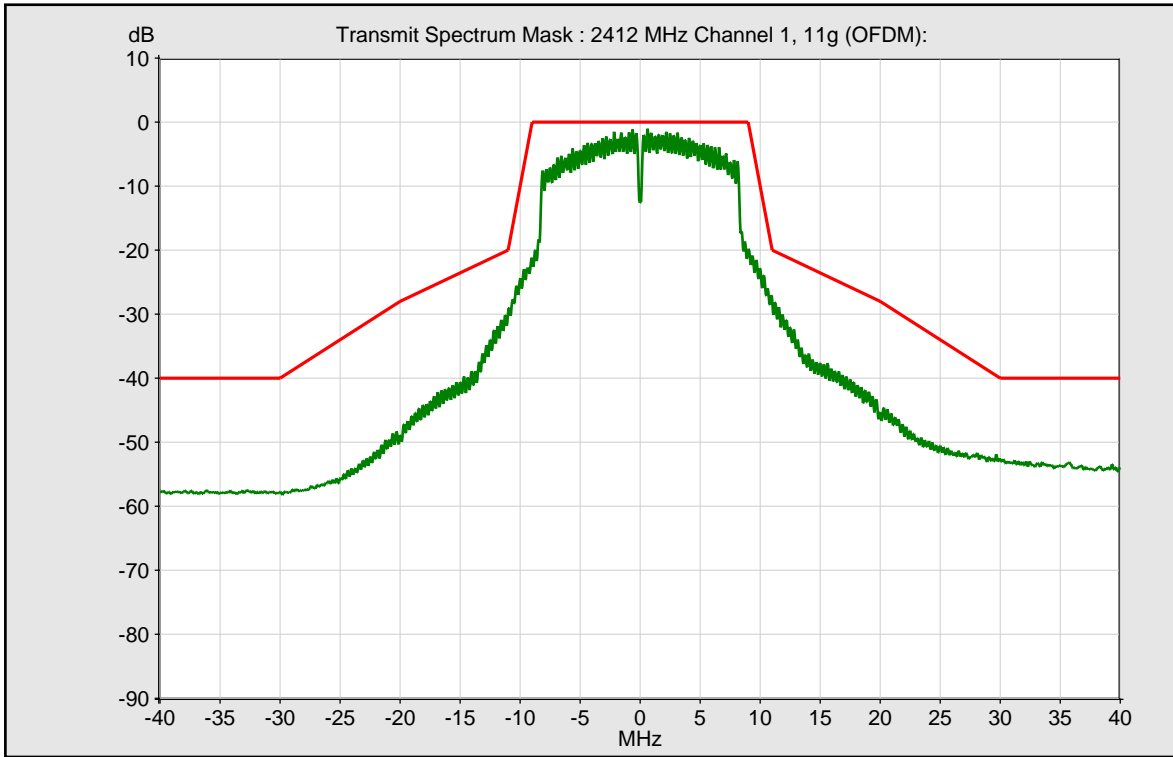


— Average

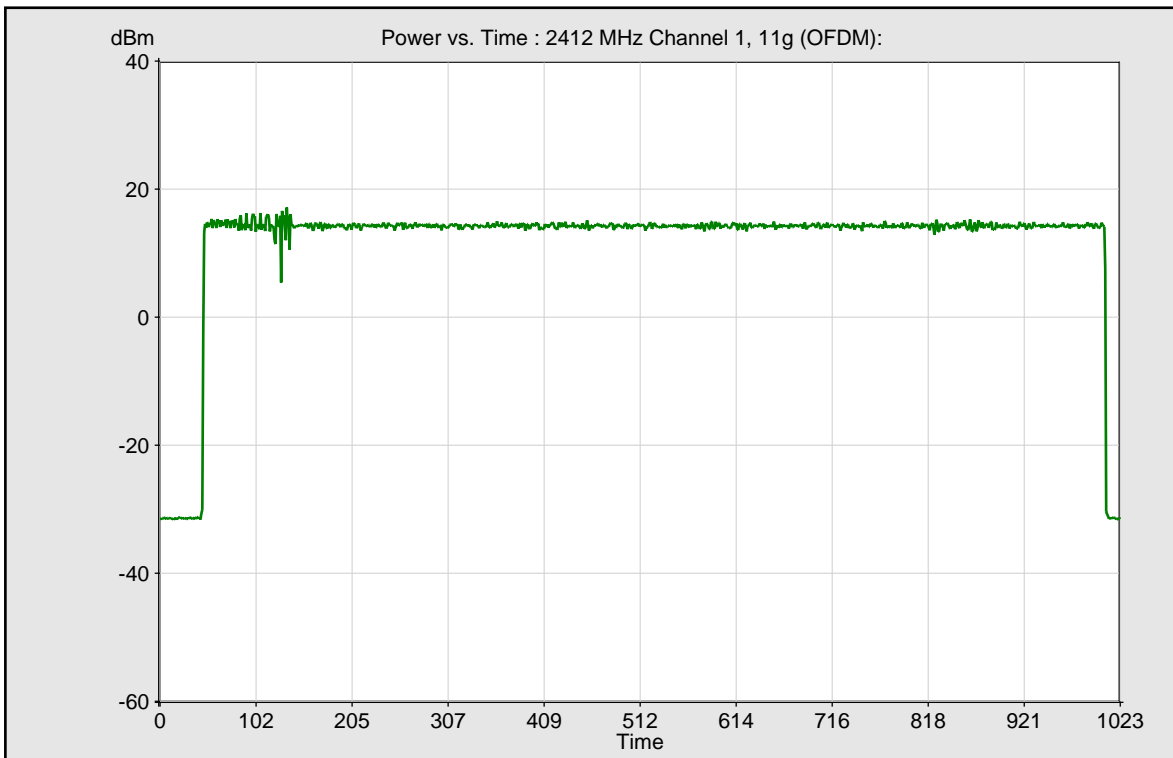




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

calibrator wlan0 cc33xx_plt stop_tx

calibrator wlan0 cc33xx_plt tune_channel 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

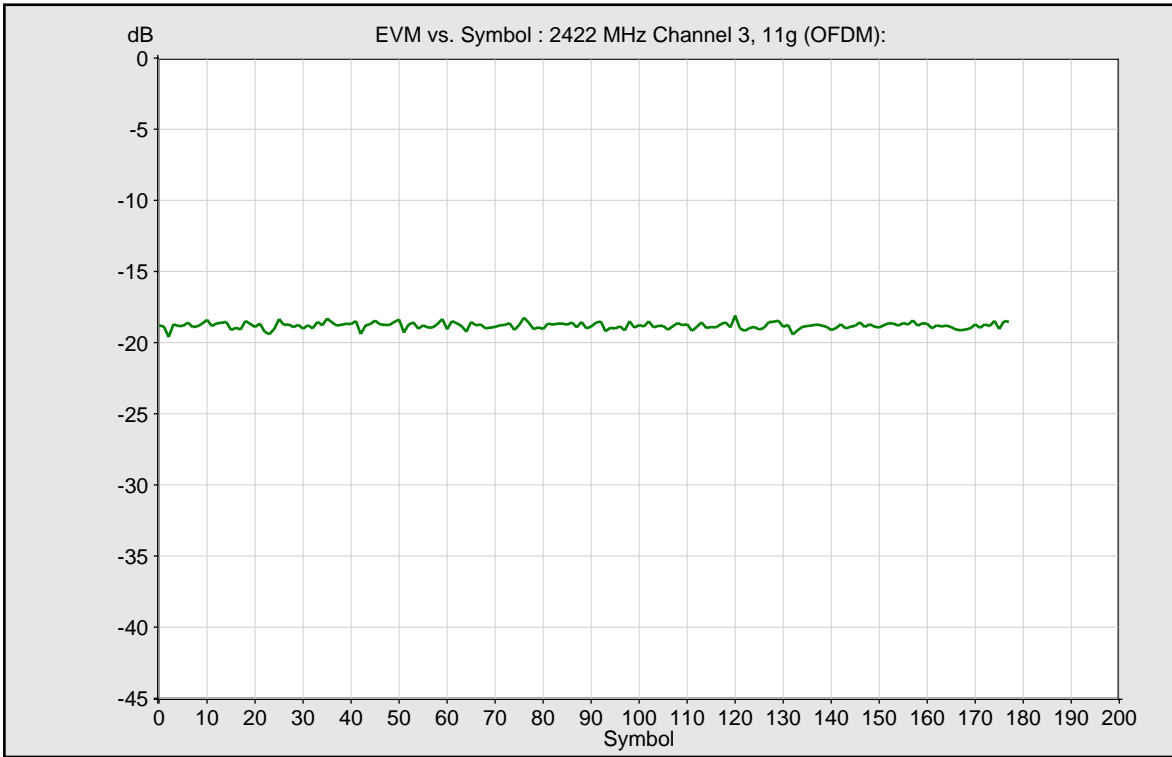
Trigger Source = IF Power

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	16.33	dBm	Passed
EVM All Carriers (Average)		-5	-18.26	dB	Passed
EVM Data Carriers (Average)		-5	-18.16	dB	Passed
EVM Pilot Carriers (Average)		-8	-19.72	dB	Passed
Center Frequency Error (Average)	-60000	60000	21340.28	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.92	ppm	Passed
IQ Offset (Average)		-15	-45.63	dB	Passed
Gain Imbalance (Average)	-140	0	0.12	dB	Passed
Quadrature Error (Average)	-180	180	0.01	deg	Passed

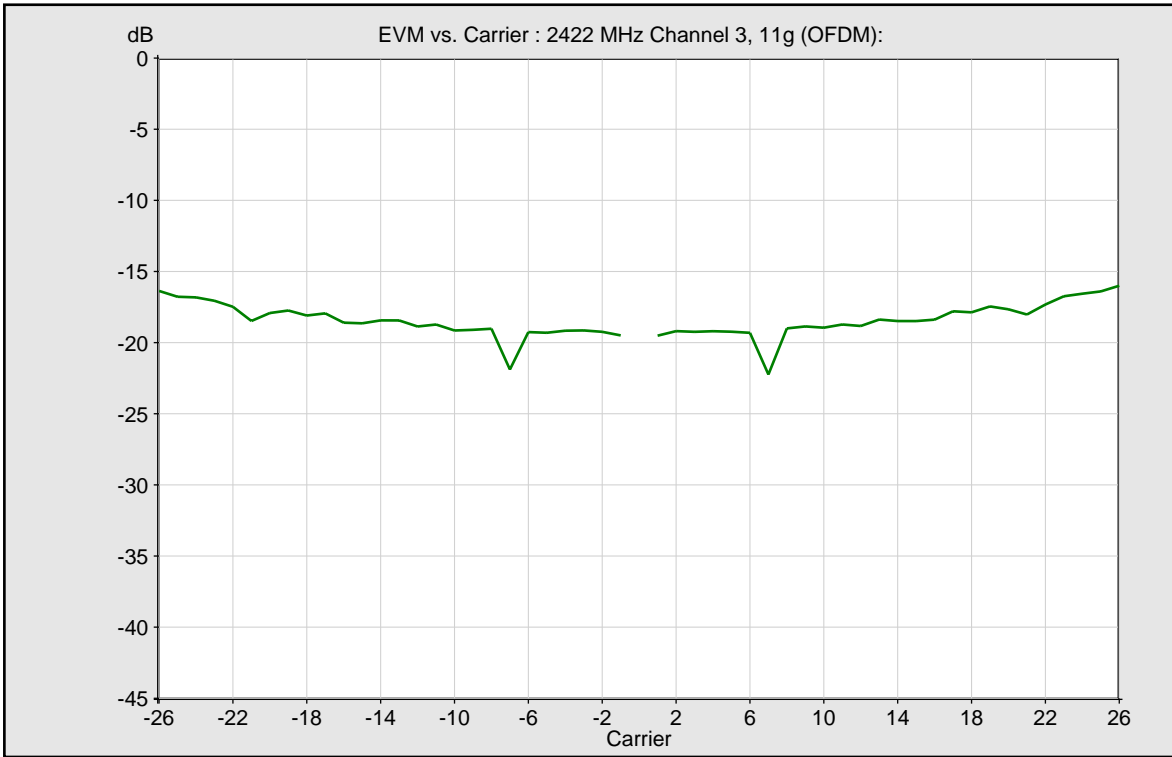
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.08	dB	Passed
Lower Margin Left Side (Average)	-6		-0.06	dB	Passed
Lower Margin Left Center (Average)	-4		-2.31	dB	Passed
Lower Margin Right Center (Average)	-4		-3.00	dB	Passed
Lower Margin Right Side (Average)	-6		-1.08	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-14.30	dB	Passed
Margin BC (Average)		0.00	-14.30	dB	Passed
Margin CD (Average)		0.00	-15.45	dB	Passed
Margin DE (Average)		0.00	-14.03	dB	Passed
Margin ED (Average)		0.00	-11.76	dB	Passed

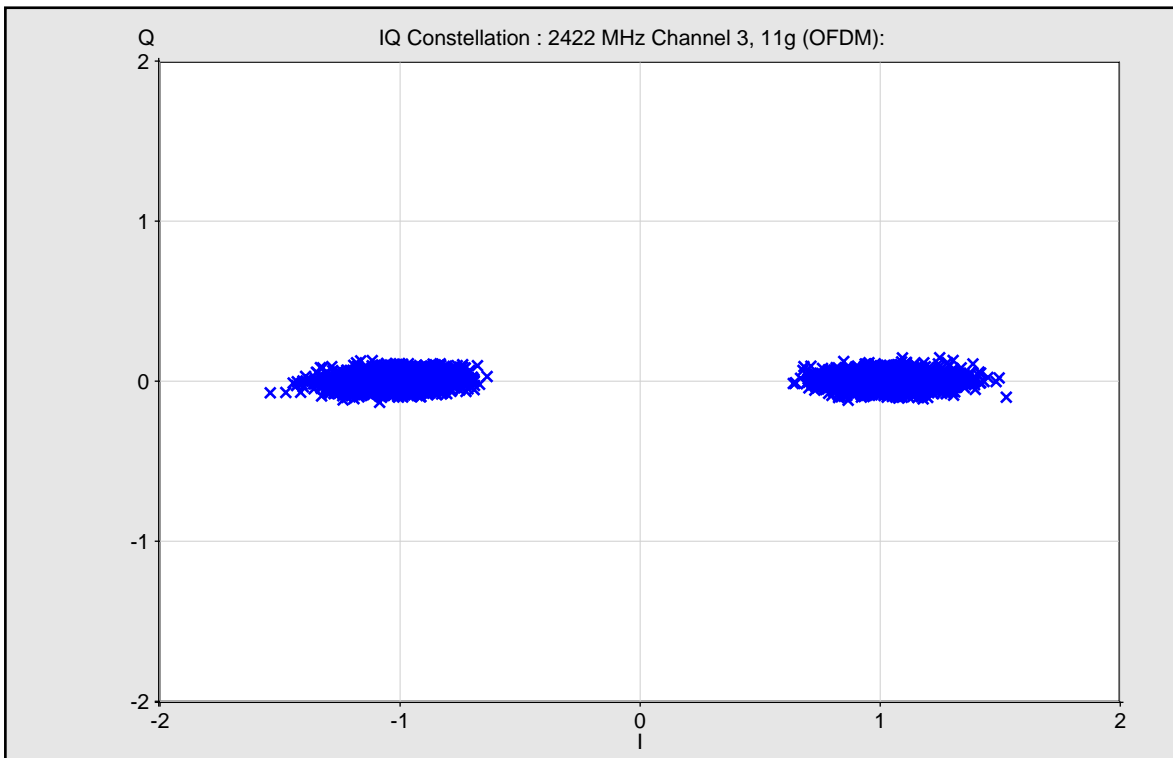
Margin DC (Average)		0.00	-12.16	dB	Passed
Margin CB (Average)		0.00	-13.99	dB	Passed
Margin BA (Average)		0.00	-13.94	dB	Passed
Occupied Bandwidth (Average)			16.31	MHz	

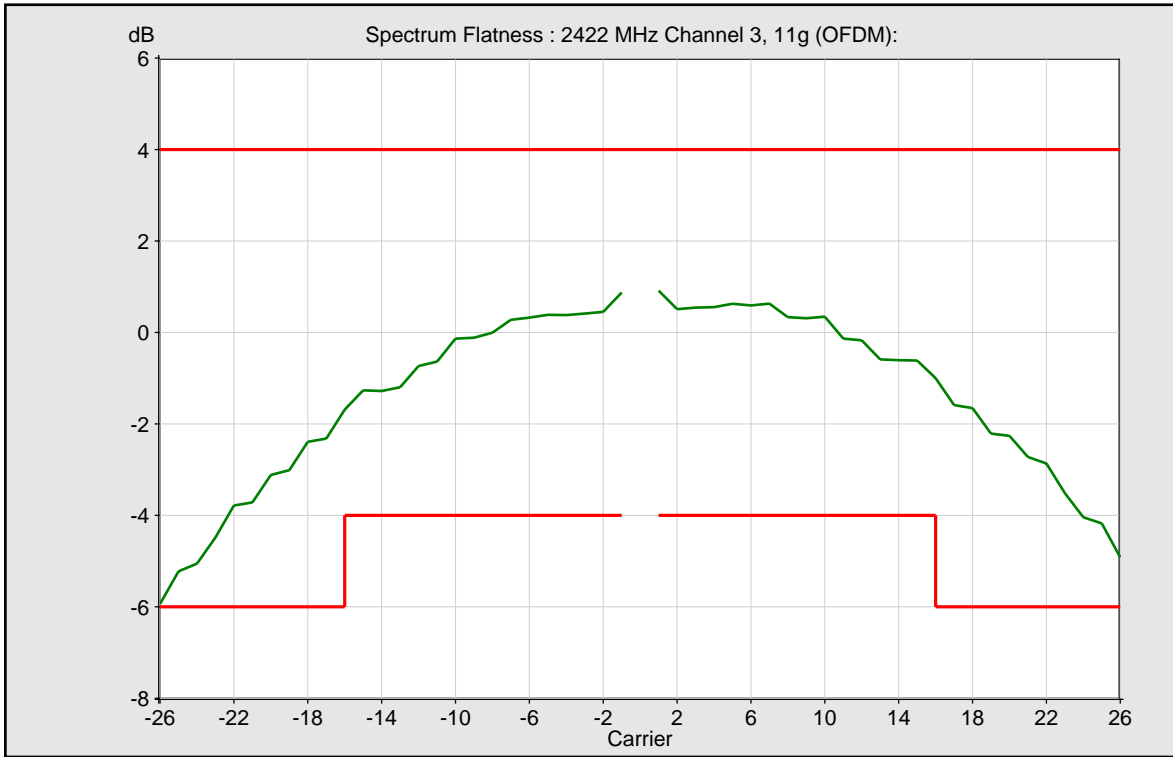


— Average

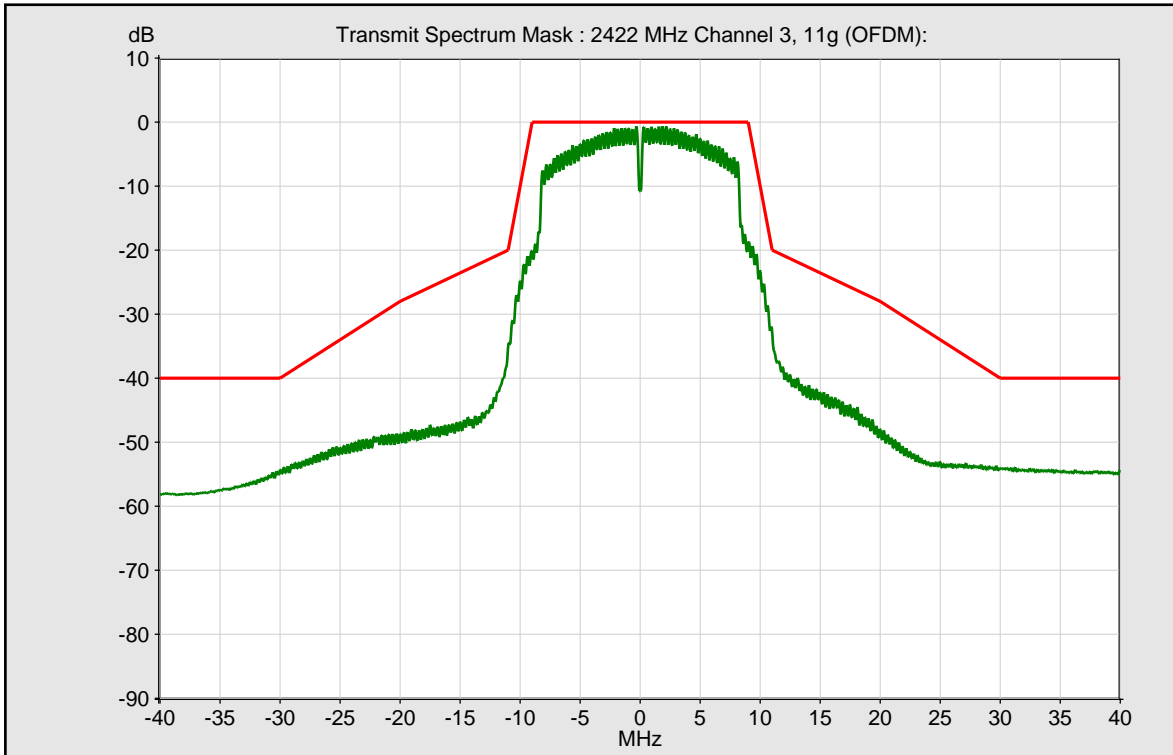


— Average

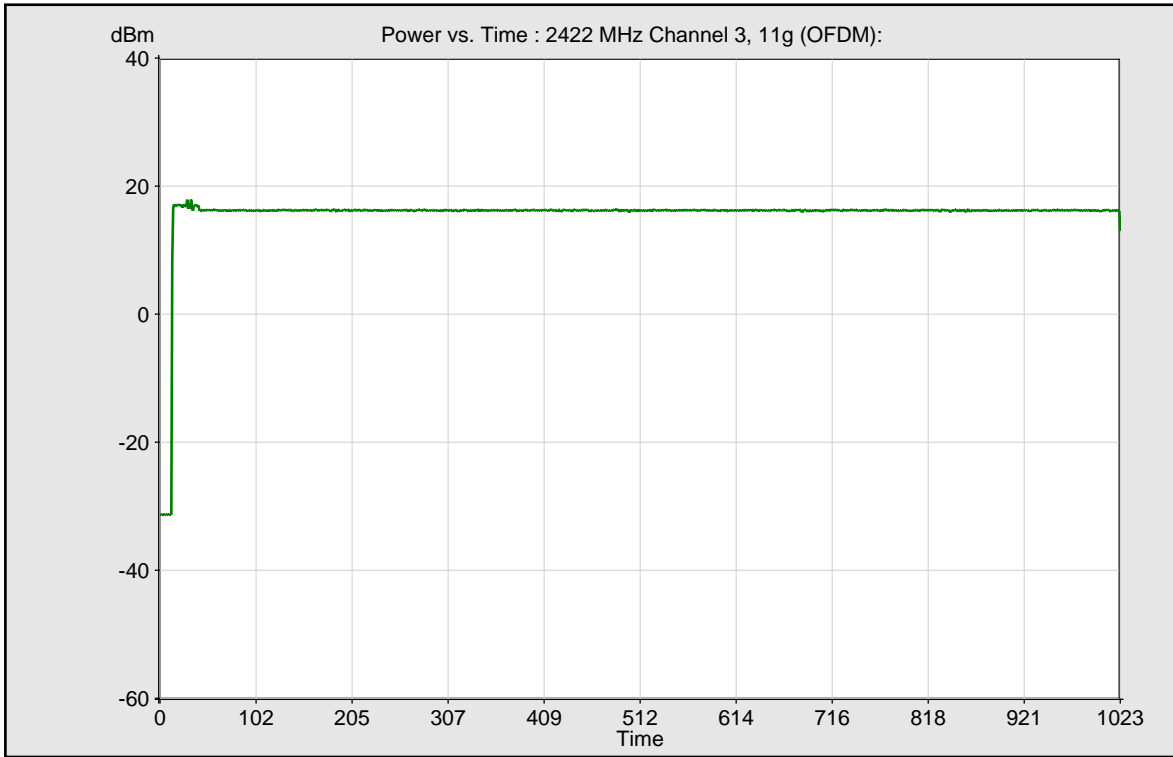




— Limit_Line
— Average



— 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

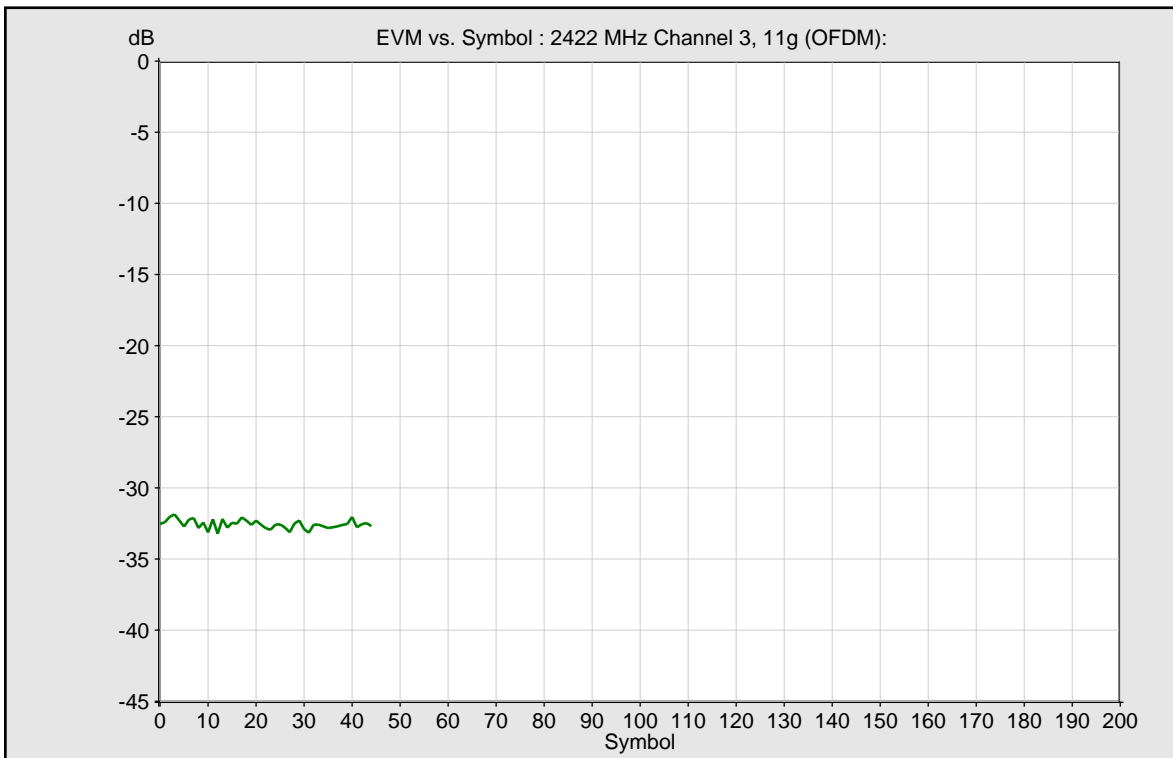
Trigger Source = IF Power

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	15.18	dBm	Passed
EVM All Carriers (Average)		-16	-31.62	dB	Passed
EVM Data Carriers (Average)		-16	-31.49	dB	Passed
EVM Pilot Carriers (Average)		-8	-33.55	dB	Passed
Center Frequency Error (Average)	-60000	60000	21462.34	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.80	ppm	Passed
IQ Offset (Average)		-15	-45.96	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	0.04	deg	Passed

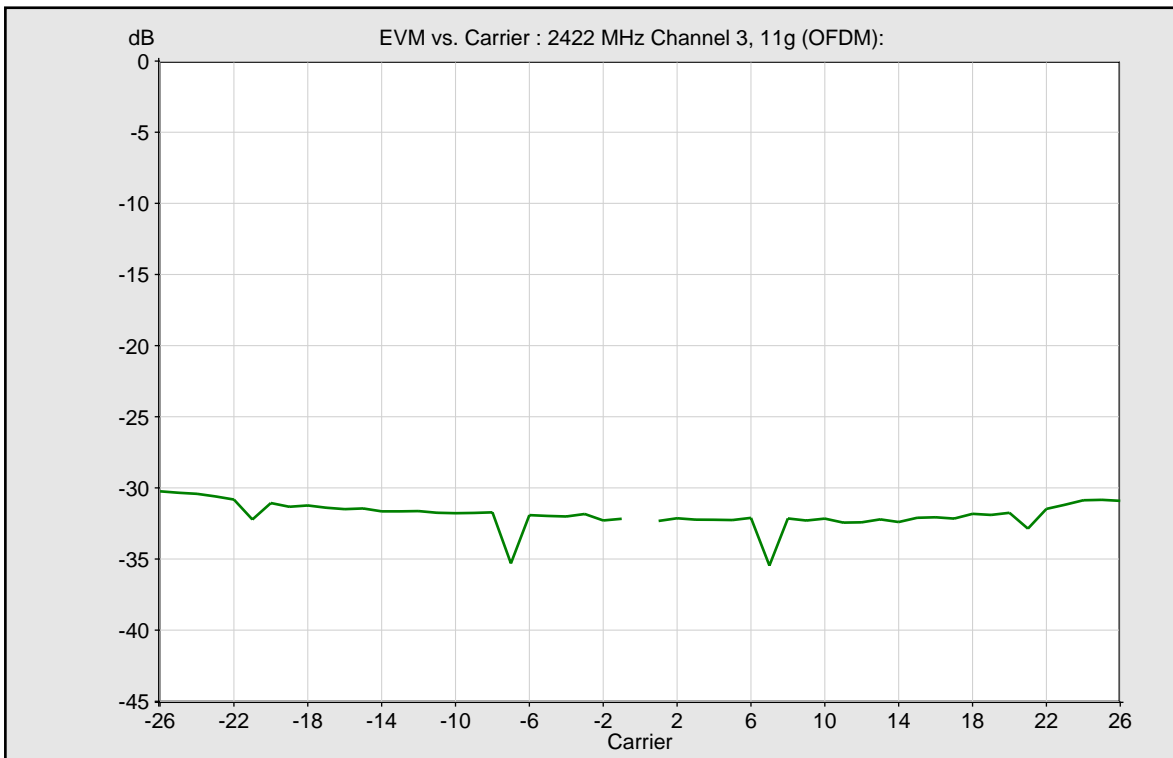
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.27	dB	Passed
Lower Margin Left Side (Average)	-6		-0.18	dB	Passed
Lower Margin Left Center (Average)	-4		-2.20	dB	Passed
Lower Margin Right Center (Average)	-4		-2.92	dB	Passed
Lower Margin Right Side (Average)	-6		-1.28	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-14.26	dB	Passed
Margin BC (Average)		0.00	-14.26	dB	Passed
Margin CD (Average)		0.00	-10.37	dB	Passed
Margin DE (Average)		0.00	-10.02	dB	Passed
Margin ED (Average)		0.00	-7.94	dB	Passed

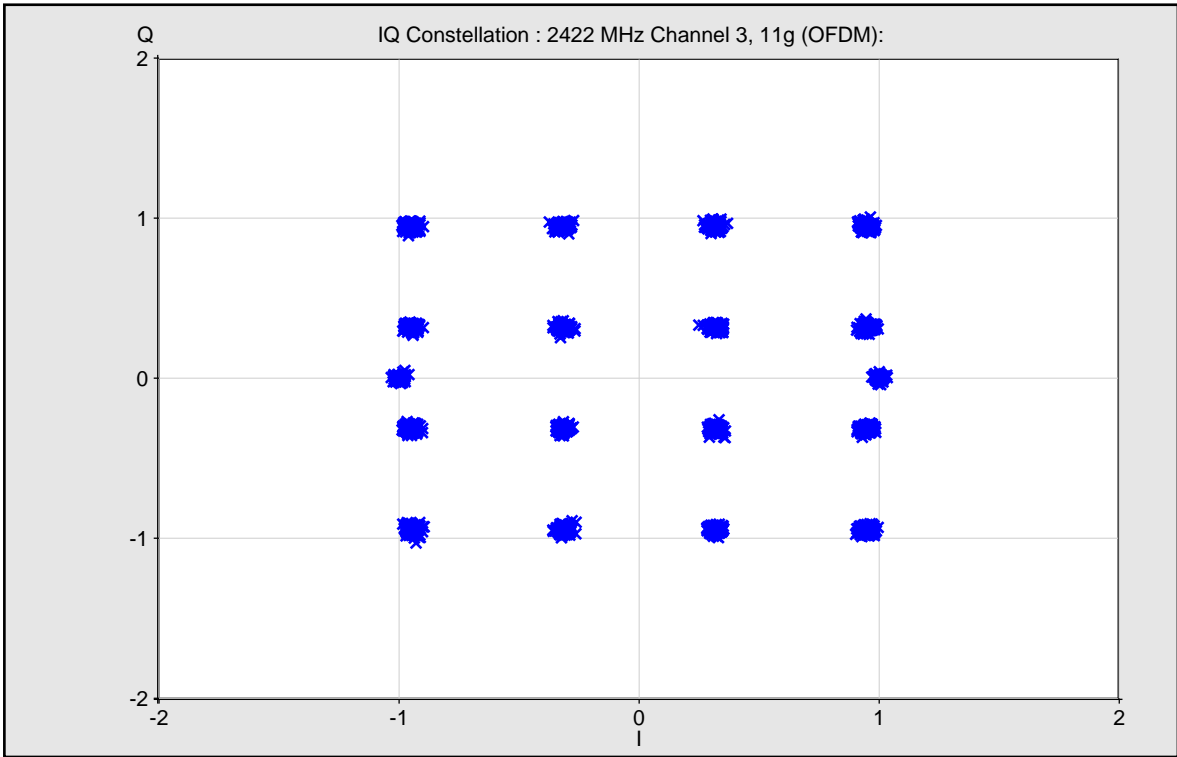
Margin DC (Average)		0.00	-7.94	dB	Passed
Margin CB (Average)		0.00	-13.21	dB	Passed
Margin BA (Average)		0.00	-13.32	dB	Passed
Occupied Bandwidth (Average)			16.36	MHz	

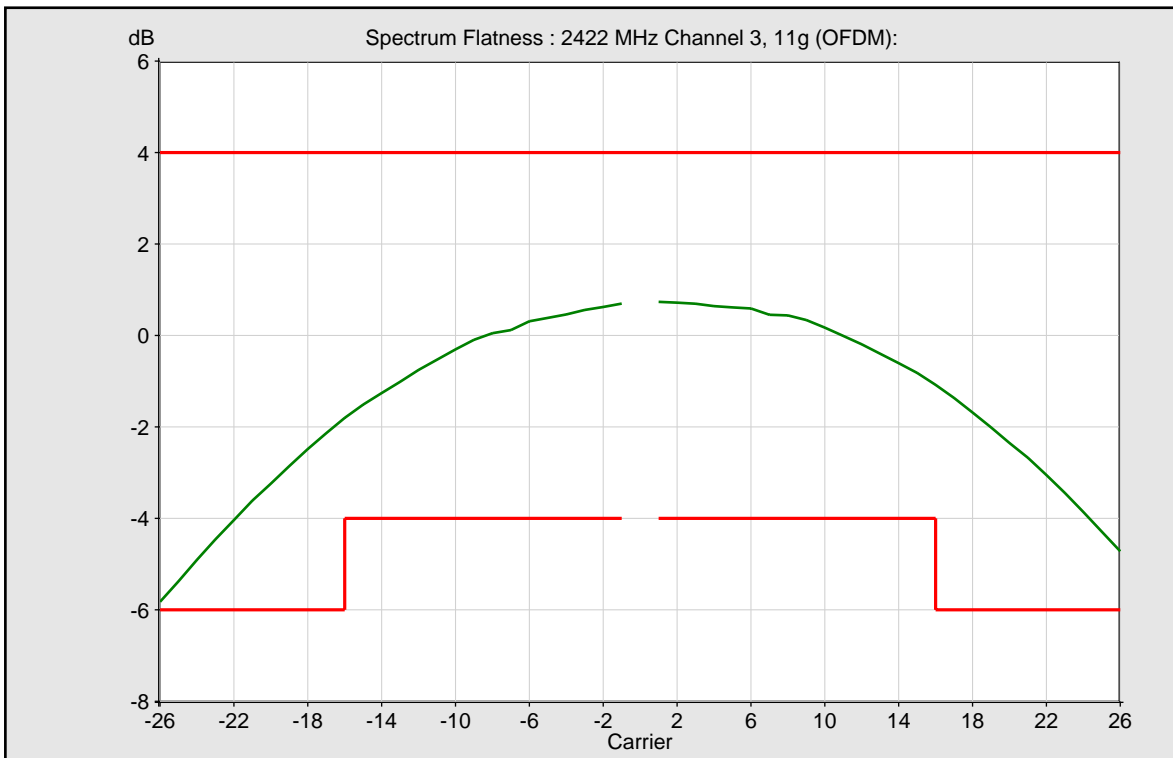


— Average

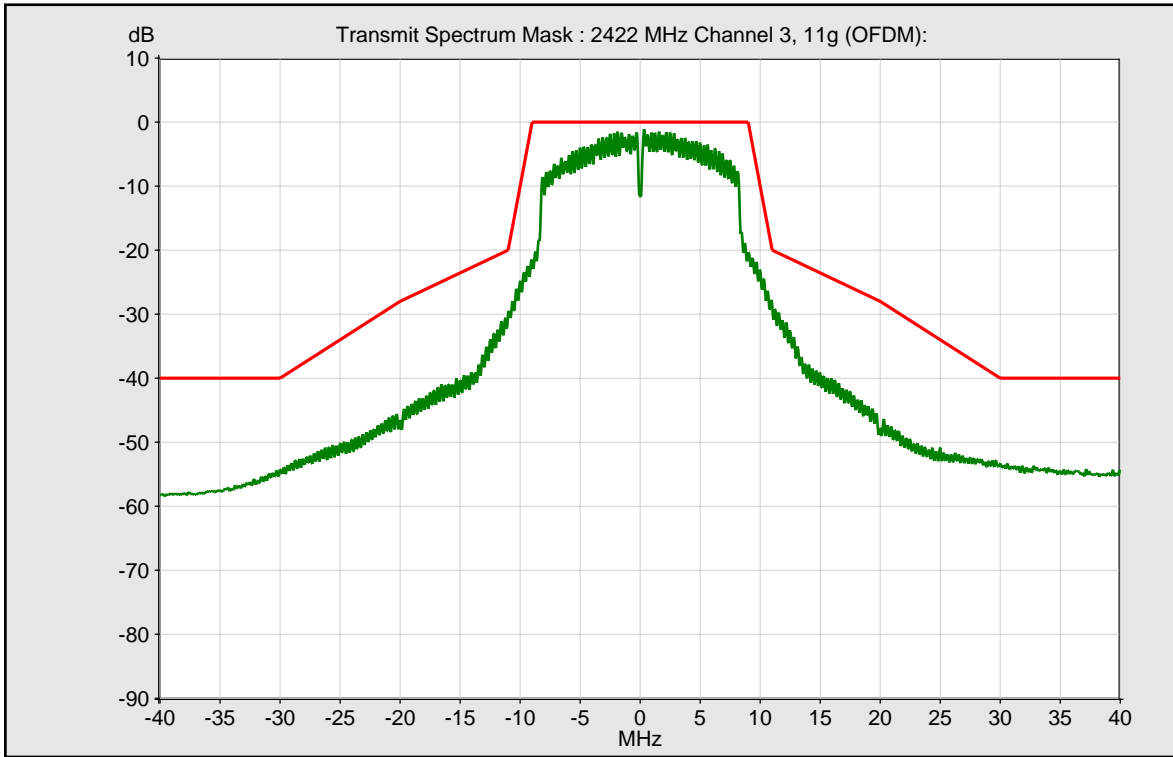


— Average

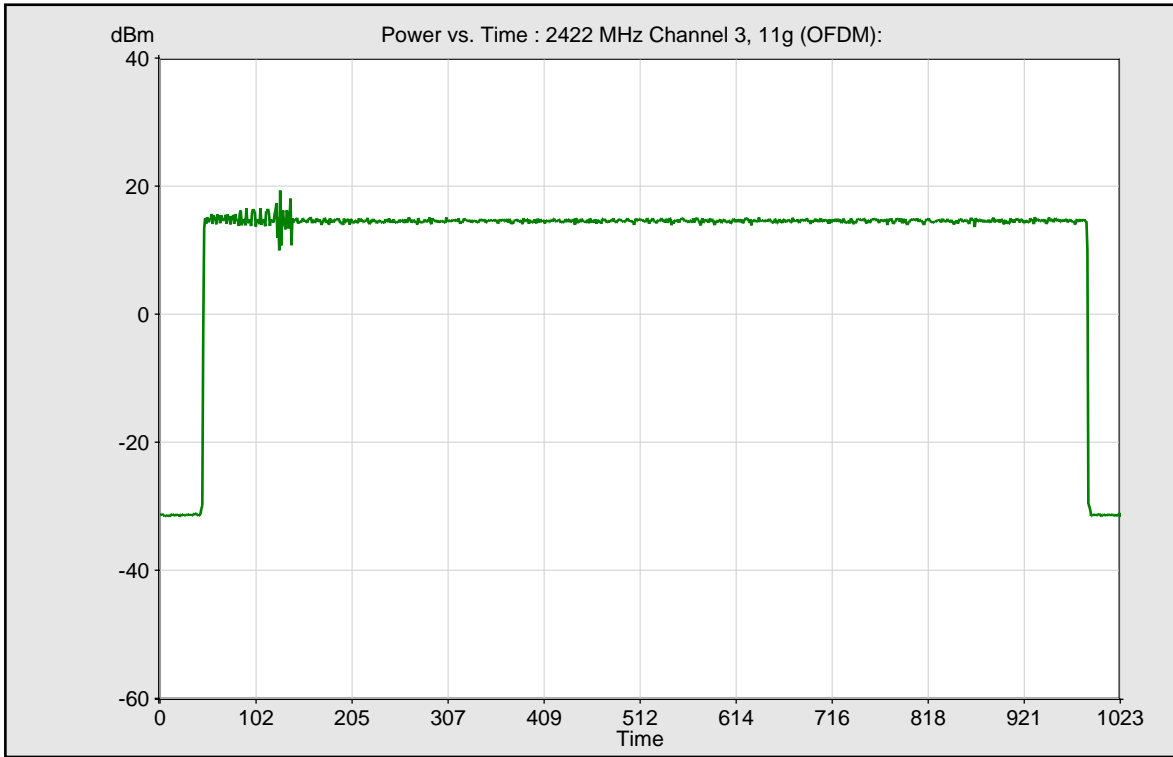




— Limit_Line
— Average



— 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

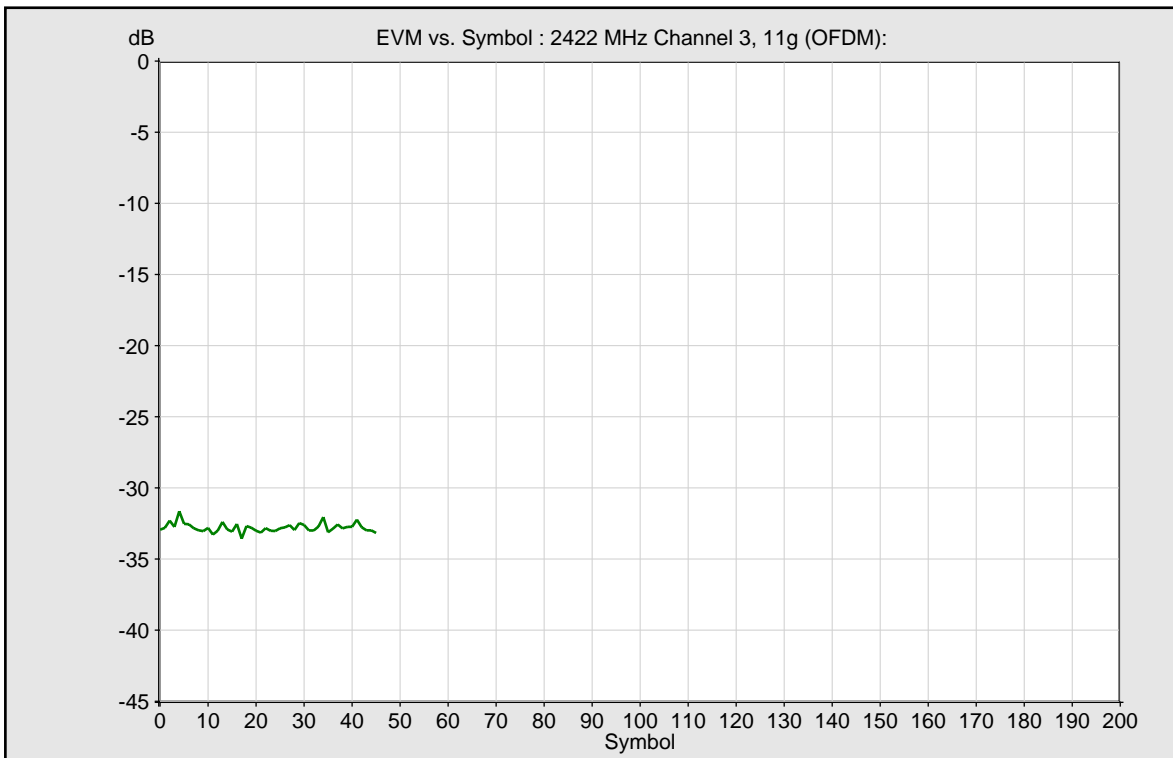
Trigger Source = IF Power

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	15.41	dBm	Passed
EVM All Carriers (Average)		-25	-31.75	dB	Passed
EVM Data Carriers (Average)		-25	-31.62	dB	Passed
EVM Pilot Carriers (Average)		-8	-33.71	dB	Passed
Center Frequency Error (Average)	-60000	60000	22070.67	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.94	ppm	Passed
IQ Offset (Average)		-15	-46.59	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	0.07	deg	Passed

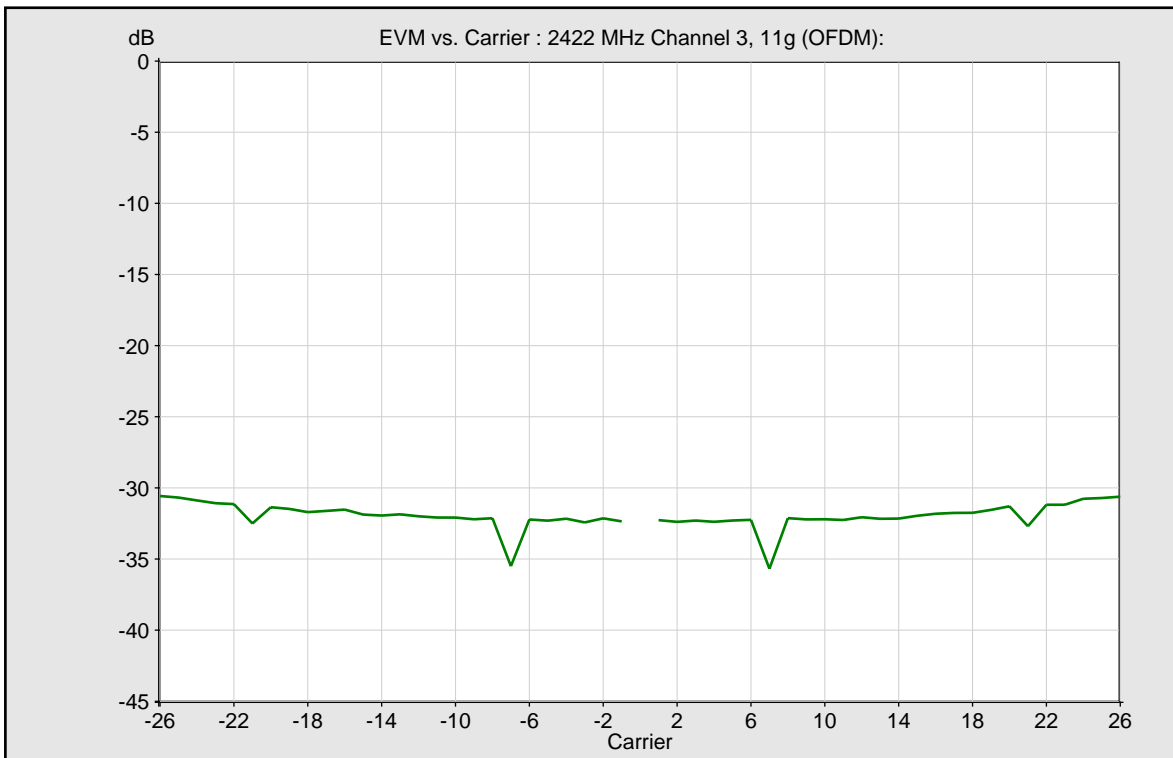
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.26	dB	Passed
Lower Margin Left Side (Average)	-6		-0.16	dB	Passed
Lower Margin Left Center (Average)	-4		-2.18	dB	Passed
Lower Margin Right Center (Average)	-4		-2.94	dB	Passed
Lower Margin Right Side (Average)	-6		-1.30	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-14.22	dB	Passed
Margin BC (Average)		0.00	-14.10	dB	Passed
Margin CD (Average)		0.00	-10.54	dB	Passed
Margin DE (Average)		0.00	-10.24	dB	Passed
Margin ED (Average)		0.00	-7.72	dB	Passed

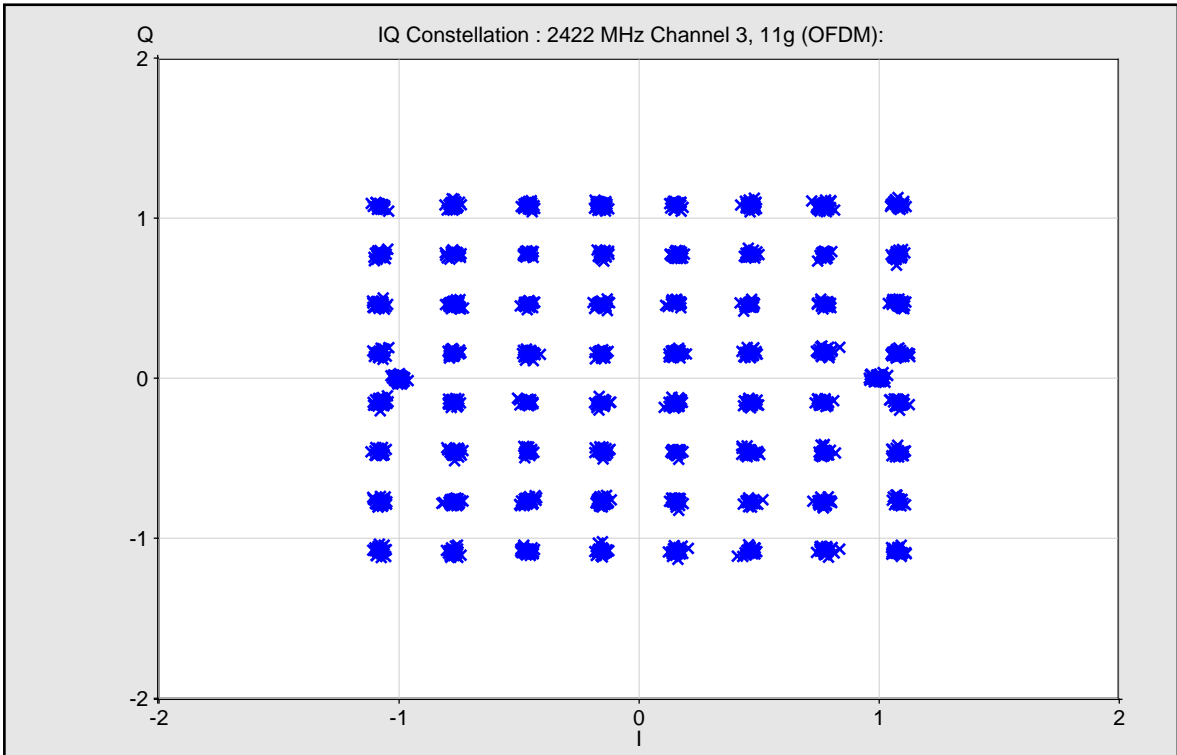
Margin DC (Average)		0.00	-7.72	dB	Passed
Margin CB (Average)		0.00	-13.61	dB	Passed
Margin BA (Average)		0.00	-13.49	dB	Passed
Occupied Bandwidth (Average)			16.34	MHz	

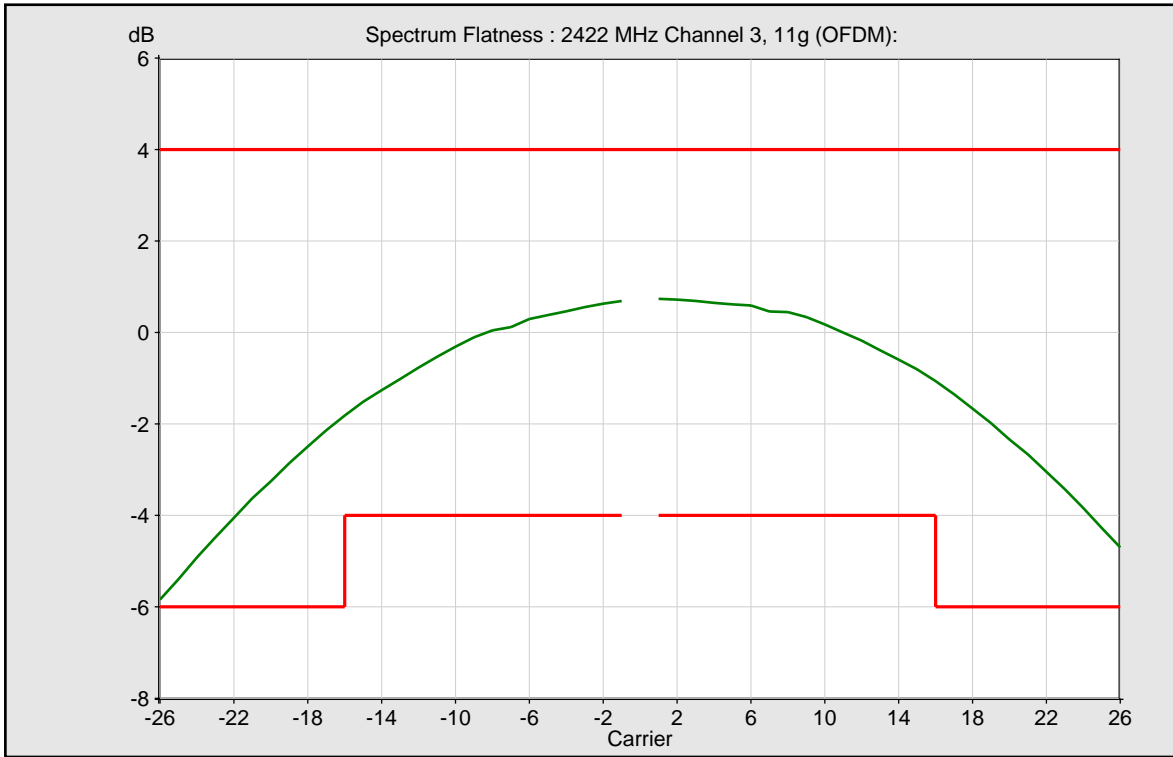


— Average

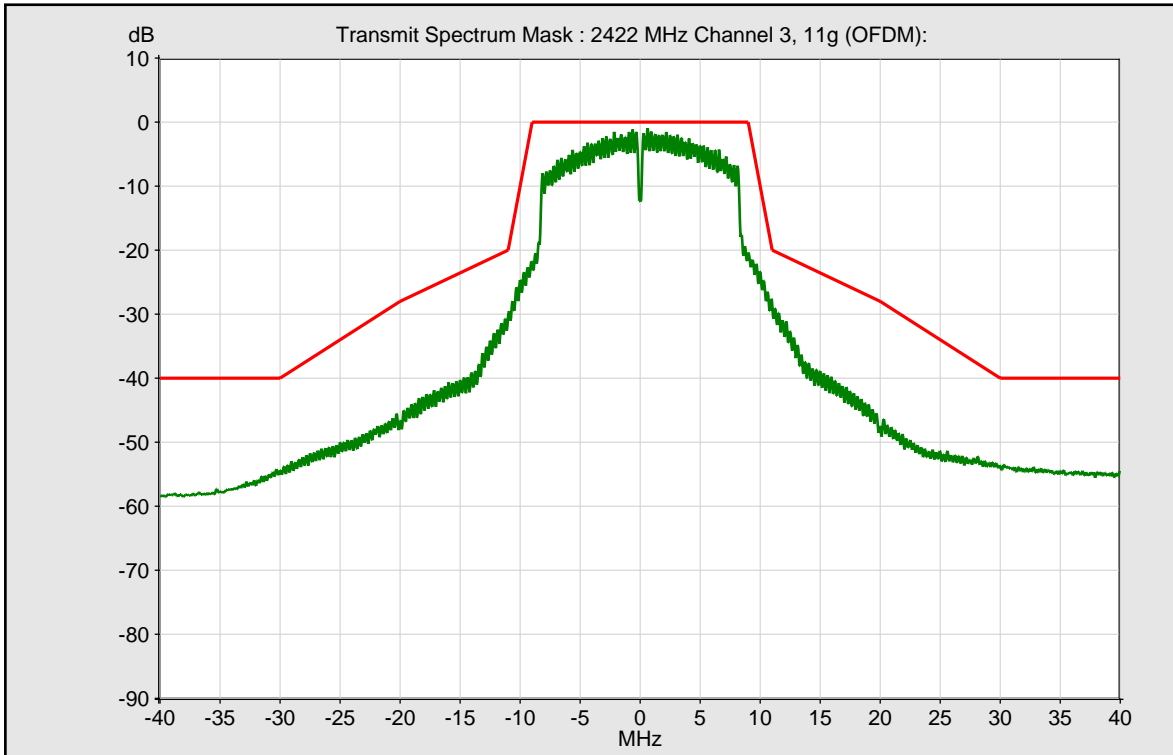


— Average

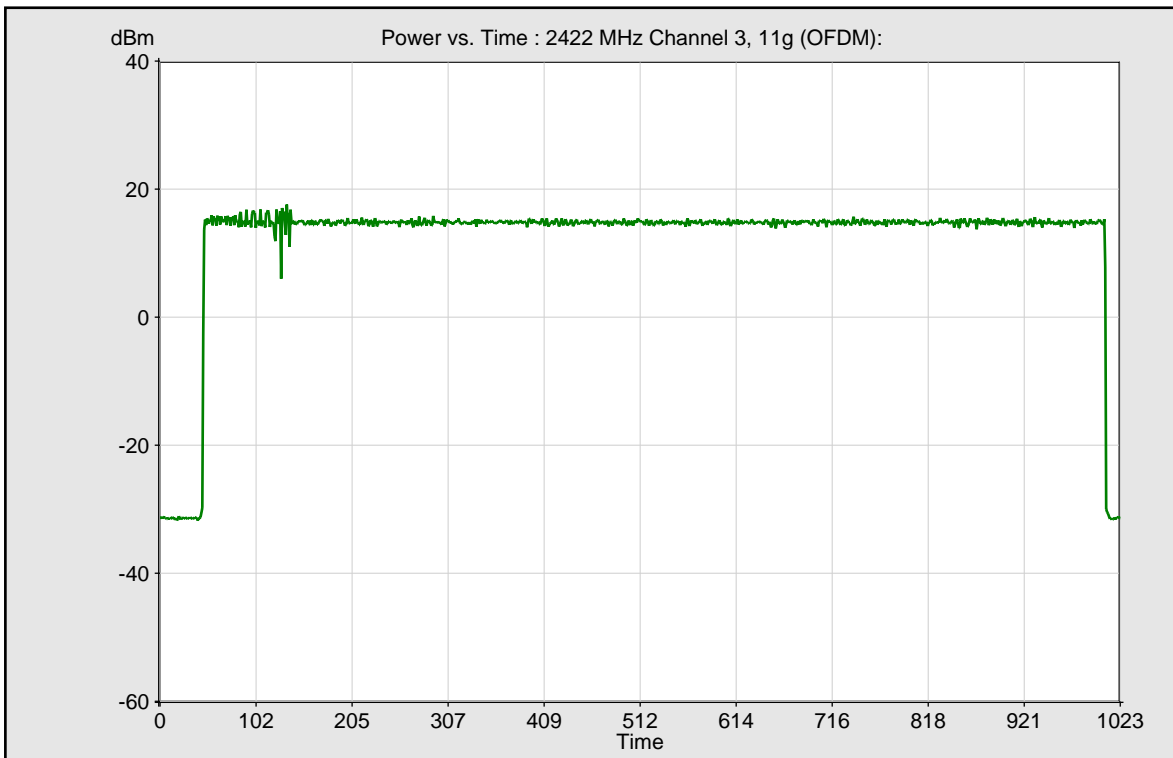




— Limit_Line
— Average



— 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

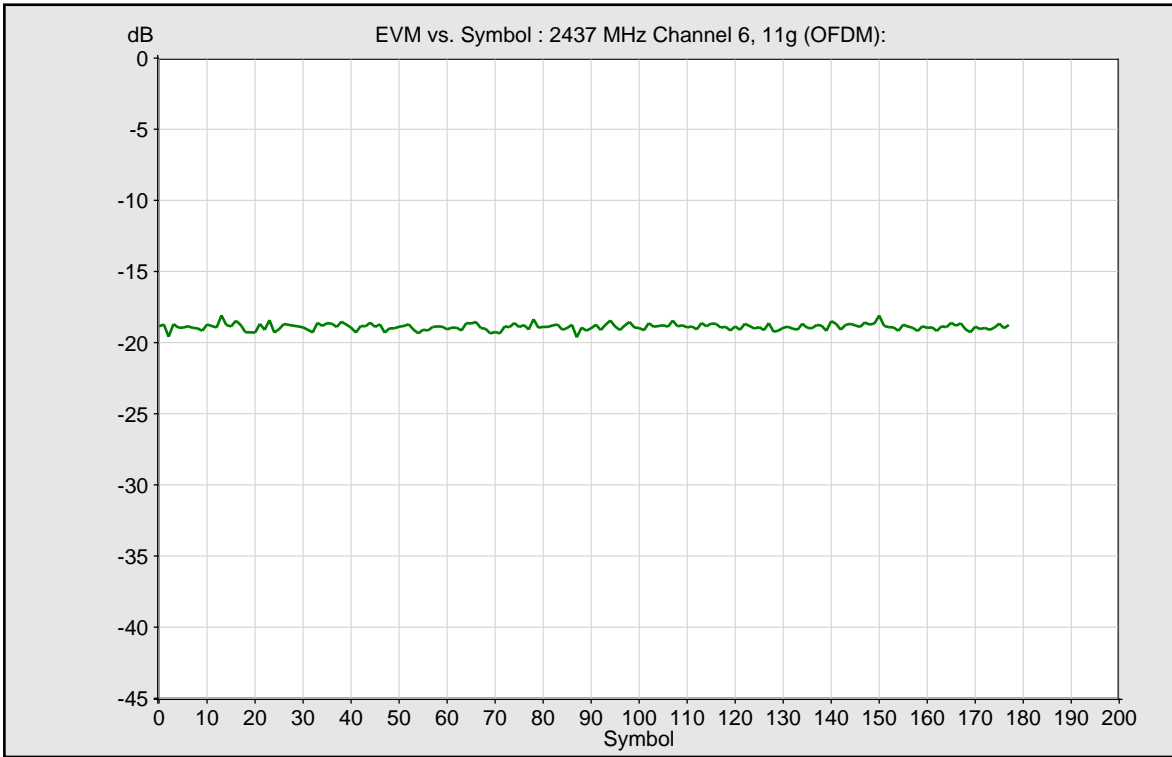
Trigger Source = IF Power

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	16.41	dBm	Passed
EVM All Carriers (Average)		-5	-18.39	dB	Passed
EVM Data Carriers (Average)		-5	-18.29	dB	Passed
EVM Pilot Carriers (Average)		-8	-19.88	dB	Passed
Center Frequency Error (Average)	-60000	60000	20889.18	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.69	ppm	Passed
IQ Offset (Average)		-15	-45.17	dB	Passed
Gain Imbalance (Average)	-140	0	0.13	dB	Passed
Quadrature Error (Average)	-180	180	-0.03	deg	Passed

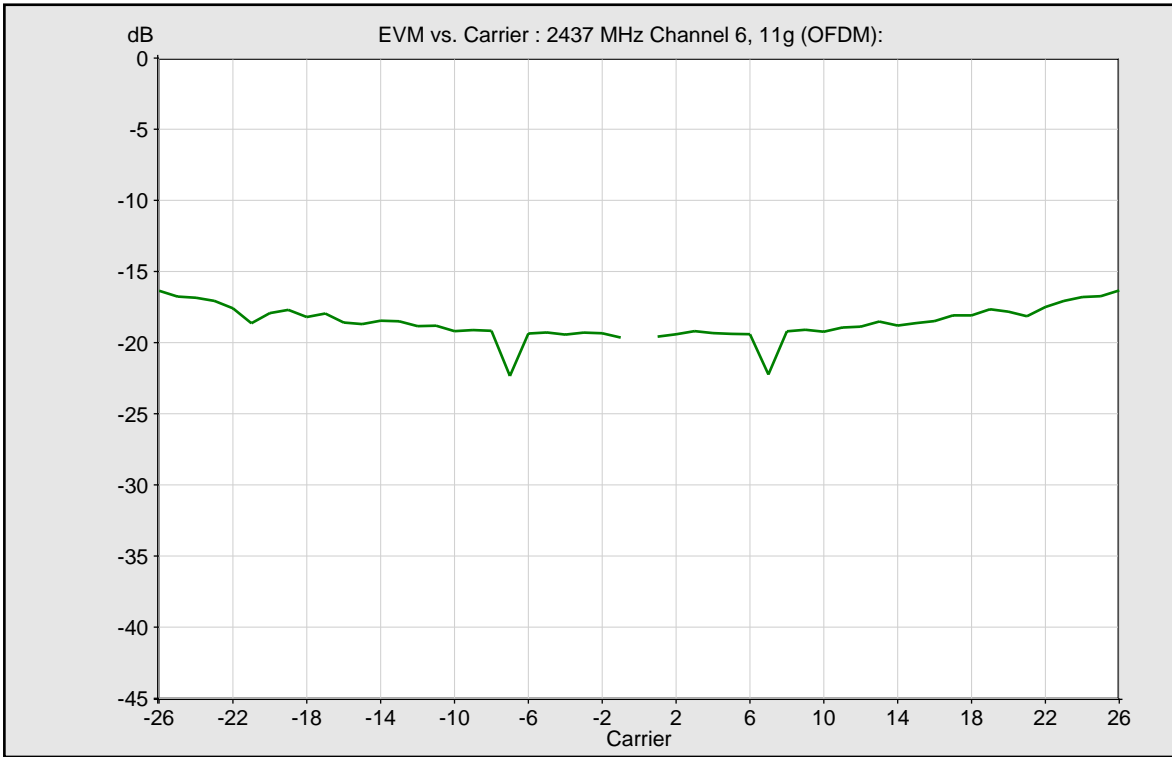
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.15	dB	Passed
Lower Margin Left Side (Average)	-6		-0.78	dB	Passed
Lower Margin Left Center (Average)	-4		-2.71	dB	Passed
Lower Margin Right Center (Average)	-4		-2.81	dB	Passed
Lower Margin Right Side (Average)	-6		-0.92	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-12.48	dB	Passed
Margin BC (Average)		0.00	-12.48	dB	Passed
Margin CD (Average)		0.00	-14.18	dB	Passed
Margin DE (Average)		0.00	-13.03	dB	Passed
Margin ED (Average)		0.00	-12.20	dB	Passed

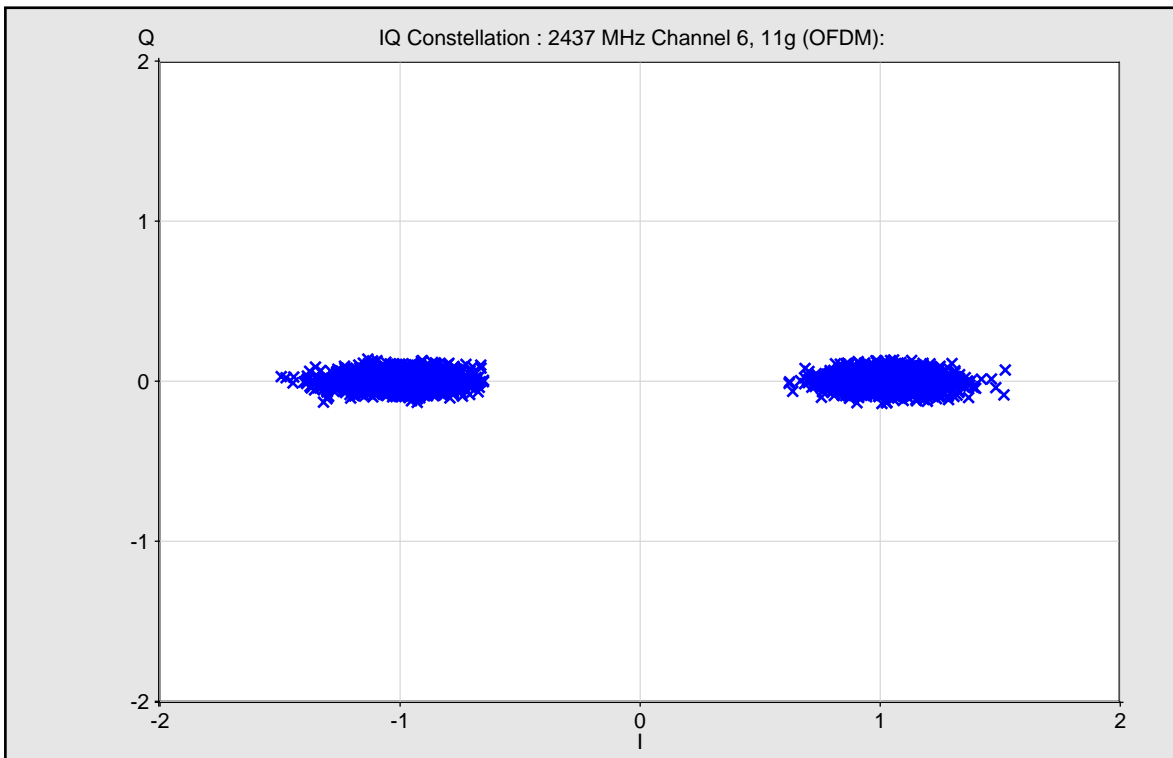
Margin DC (Average)		0.00	-12.86	dB	Passed
Margin CB (Average)		0.00	-13.74	dB	Passed
Margin BA (Average)		0.00	-13.74	dB	Passed
Occupied Bandwidth (Average)			16.35	MHz	

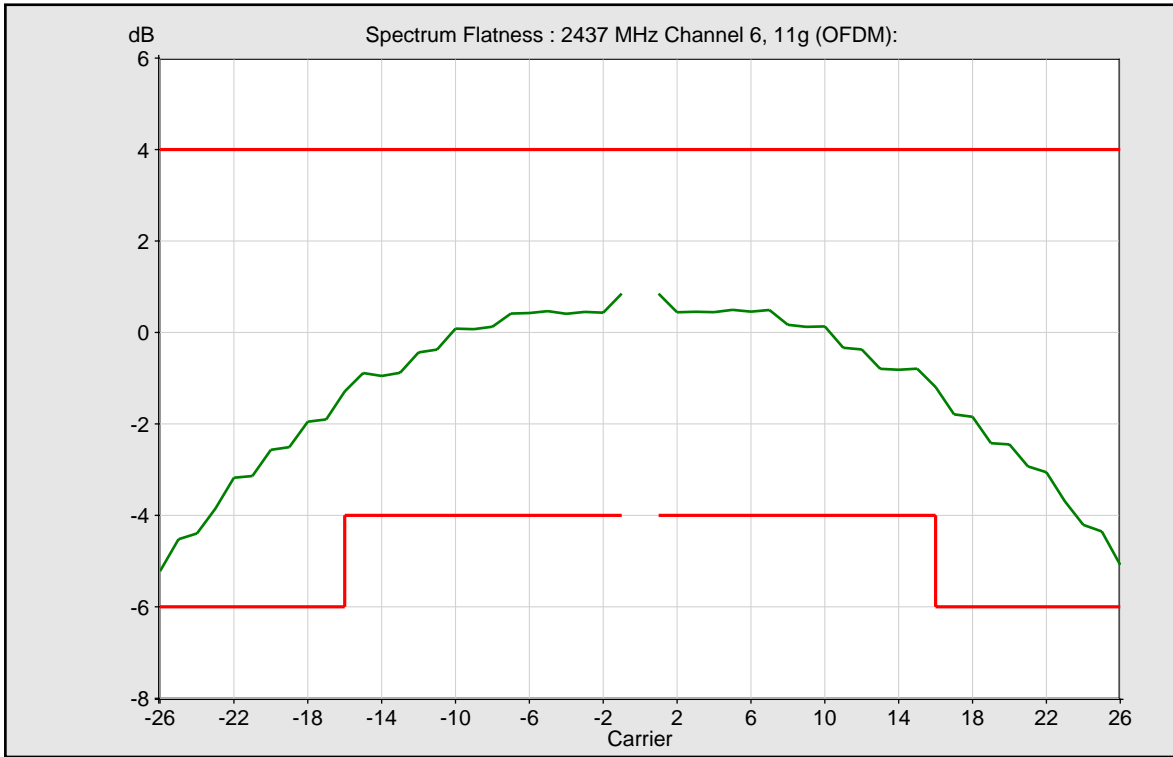


— Average

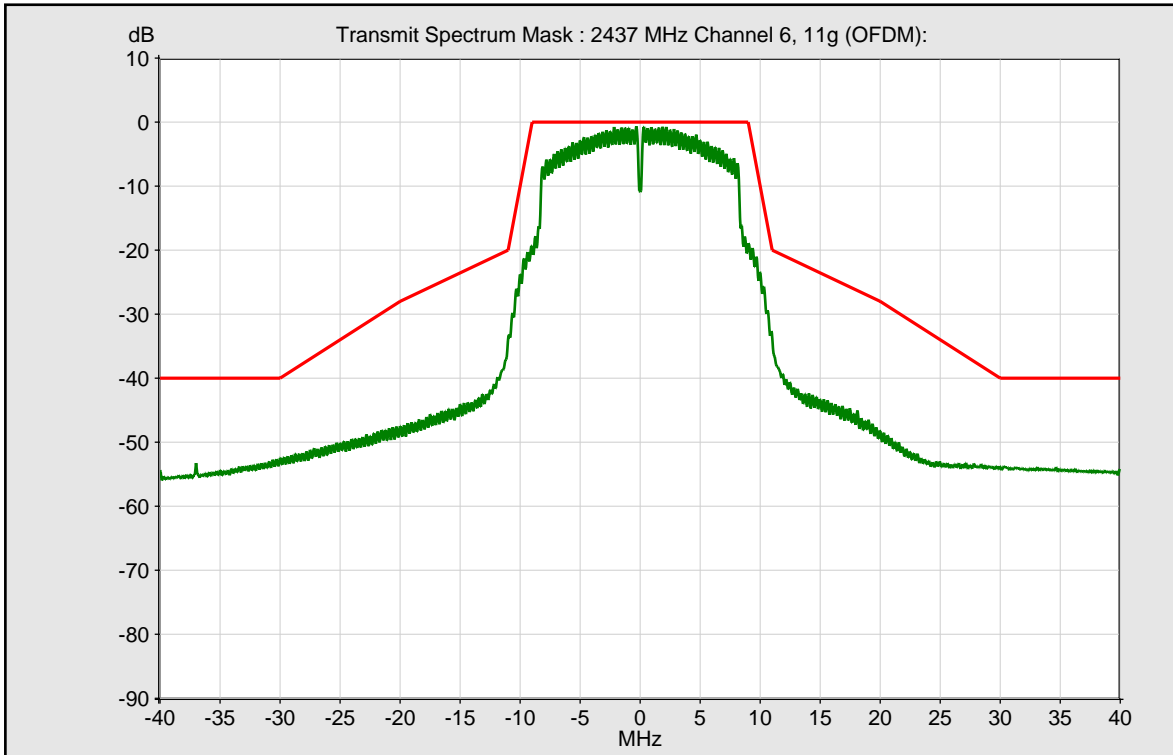


— Average

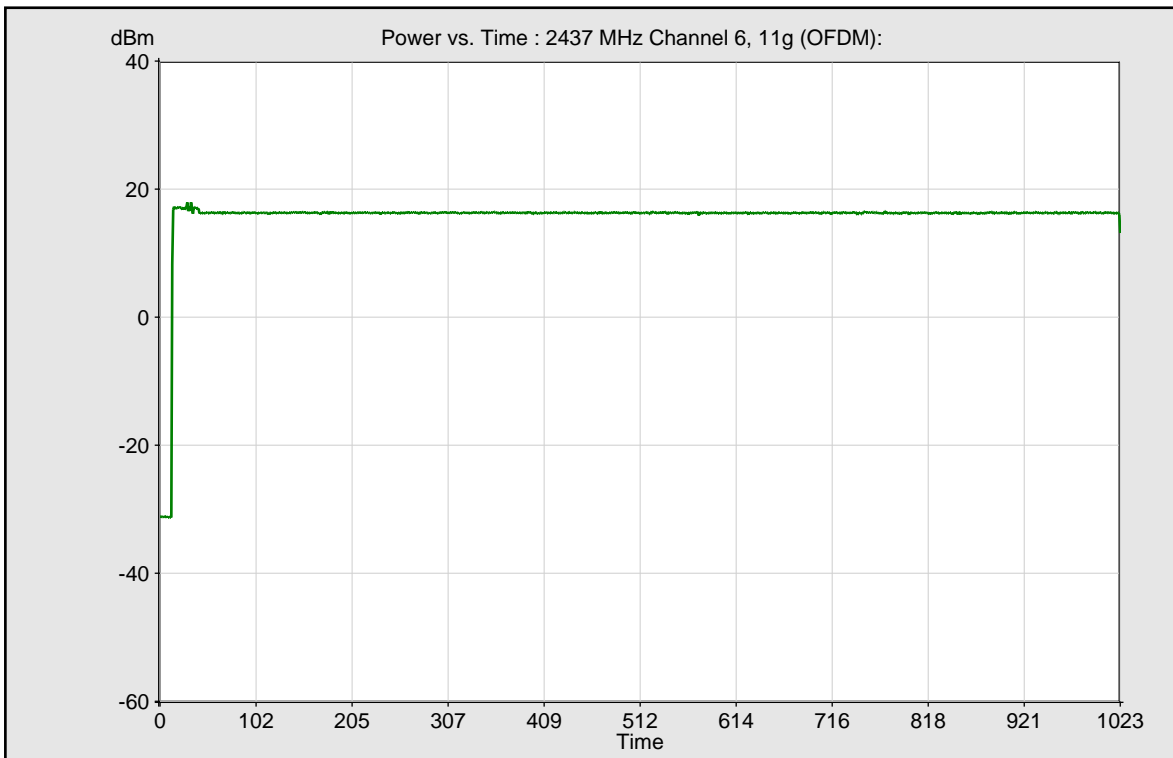




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 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

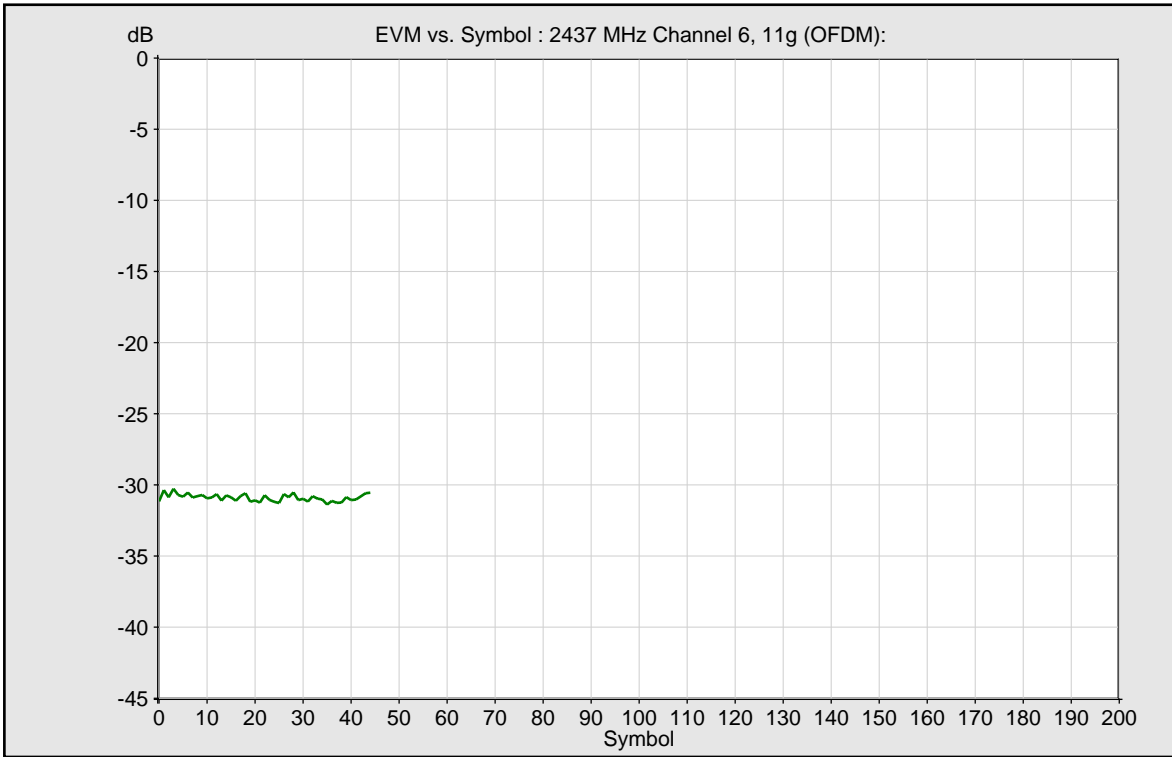
Trigger Source = IF Power

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	15.27	dBm	Passed
EVM All Carriers (Average)		-16	-30.22	dB	Passed
EVM Data Carriers (Average)		-16	-30.10	dB	Passed
EVM Pilot Carriers (Average)		-8	-32.09	dB	Passed
Center Frequency Error (Average)	-60000	60000	21061.17	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.53	ppm	Passed
IQ Offset (Average)		-15	-45.46	dB	Passed
Gain Imbalance (Average)	-140	0	0.09	dB	Passed
Quadrature Error (Average)	-180	180	-0.01	deg	Passed

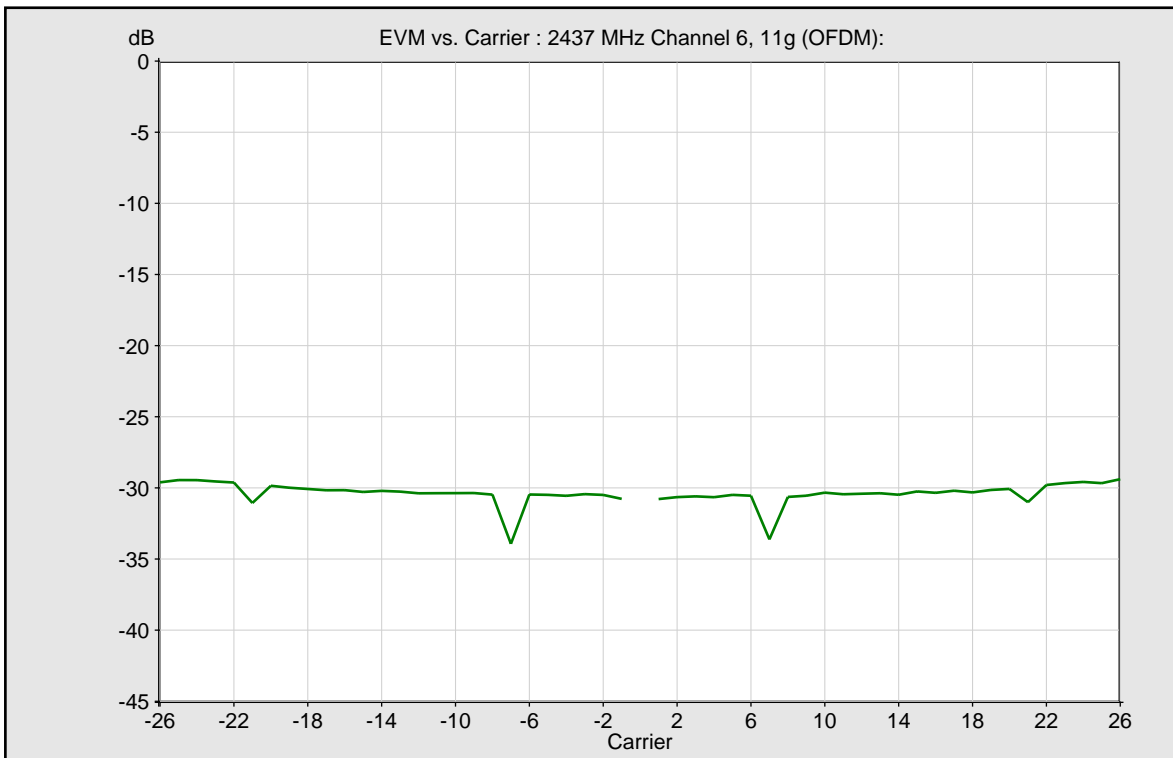
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.32	dB	Passed
Lower Margin Left Side (Average)	-6		-0.91	dB	Passed
Lower Margin Left Center (Average)	-4		-2.62	dB	Passed
Lower Margin Right Center (Average)	-4		-2.71	dB	Passed
Lower Margin Right Side (Average)	-6		-1.10	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-12.31	dB	Passed
Margin BC (Average)		0.00	-12.29	dB	Passed
Margin CD (Average)		0.00	-9.63	dB	Passed
Margin DE (Average)		0.00	-9.41	dB	Passed
Margin ED (Average)		0.00	-8.42	dB	Passed

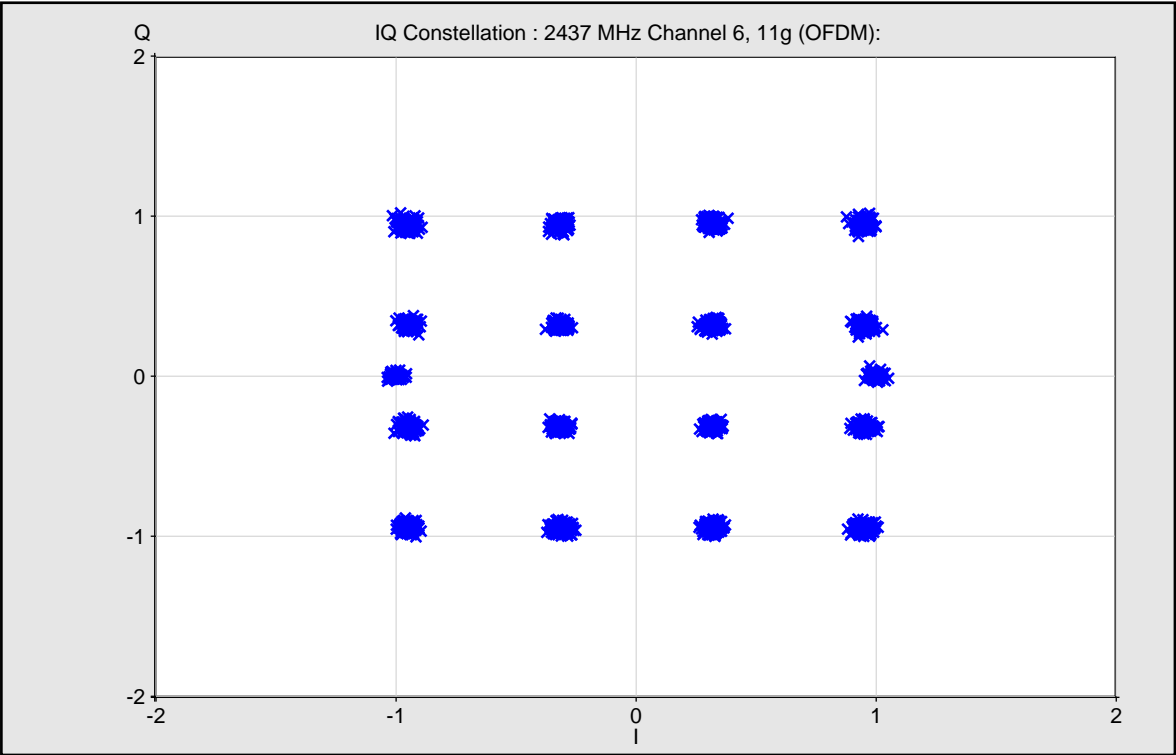
Margin DC (Average)		0.00	-8.42	dB	Passed
Margin CB (Average)		0.00	-13.11	dB	Passed
Margin BA (Average)		0.00	-12.92	dB	Passed
Occupied Bandwidth (Average)			16.37	MHz	

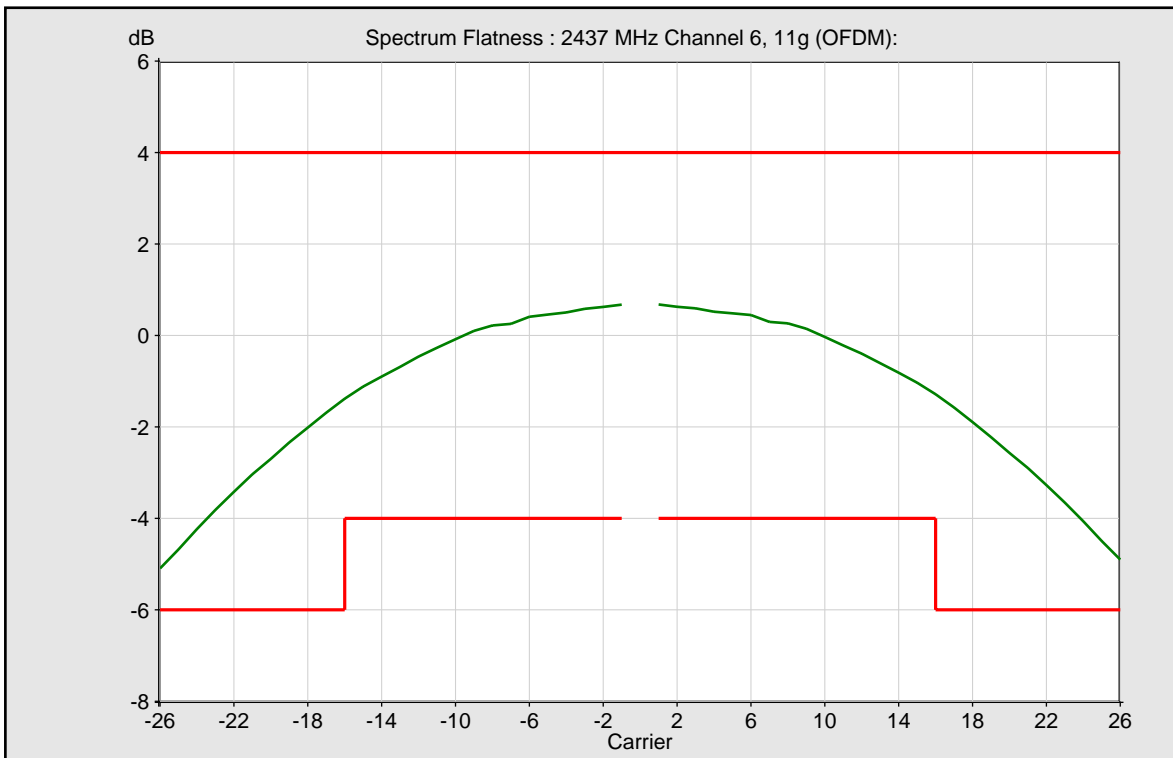


— Average

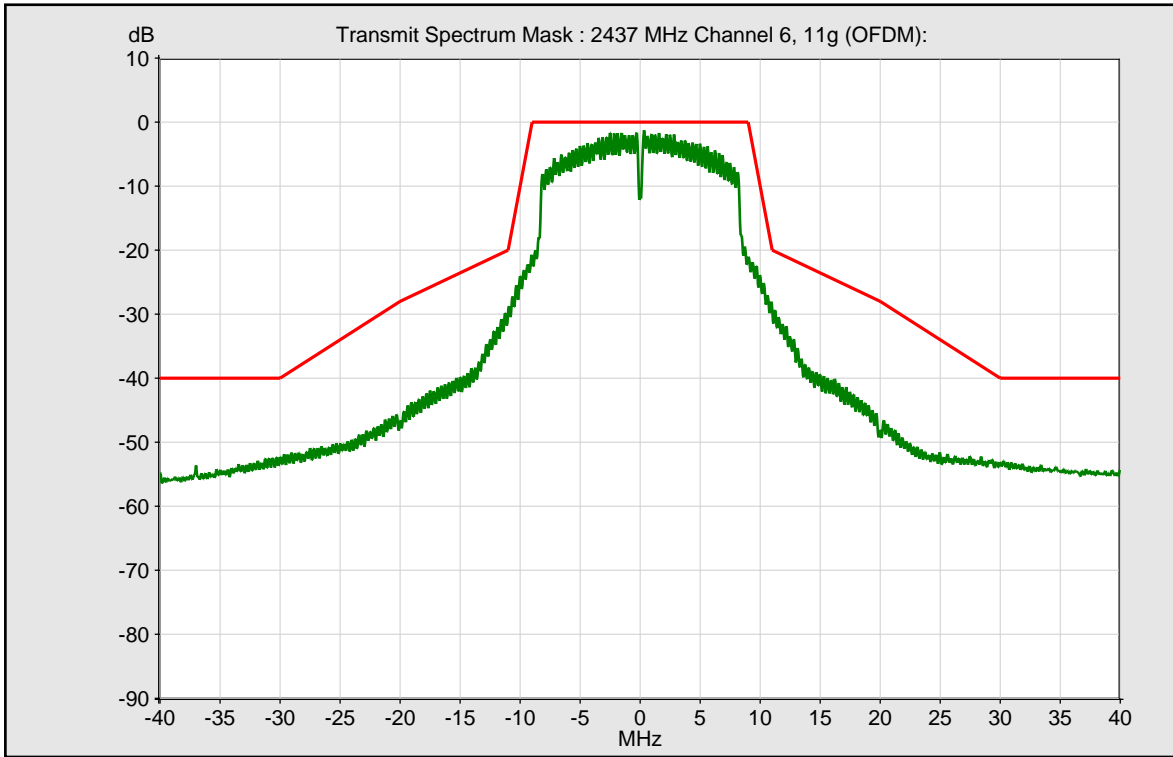


— Average

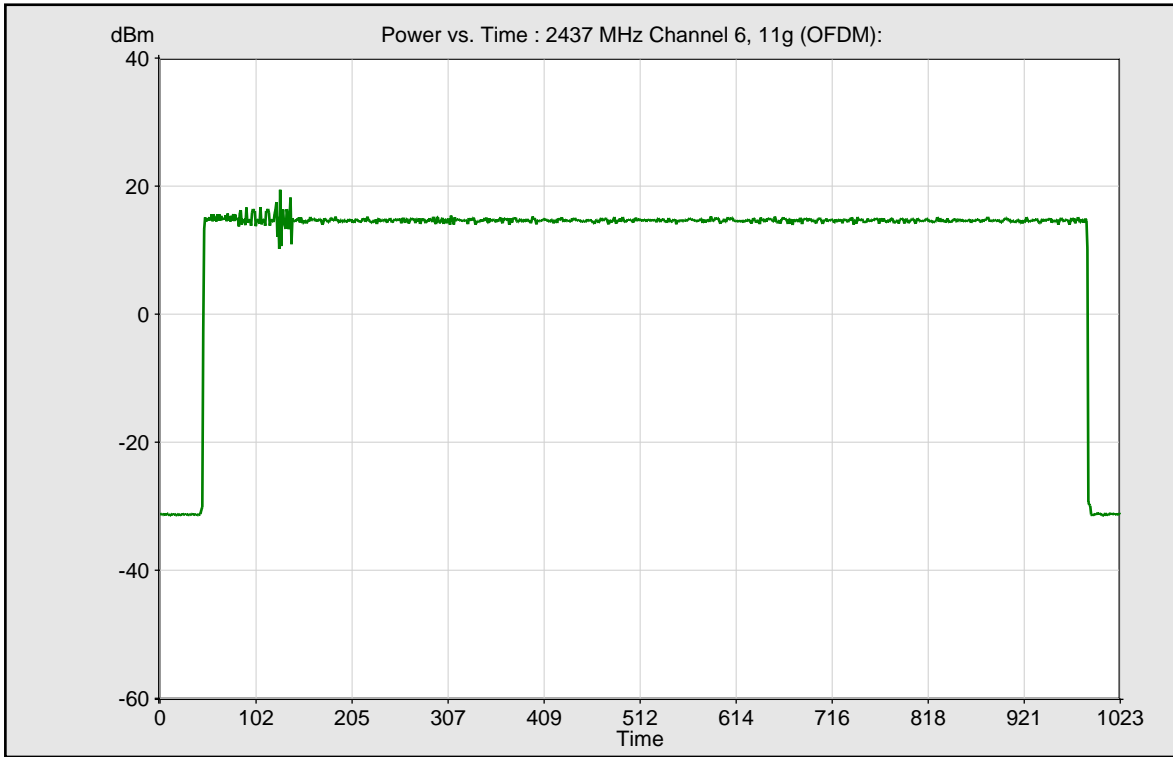




— Limit_Line
— Average



— 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 12 -length const packet 1200 -delay 1000 -tx_power 30
calibrator wlan0 cc33xx_plt start_tx
```

WLAN Signaling Tx Measurement: TX Measurement

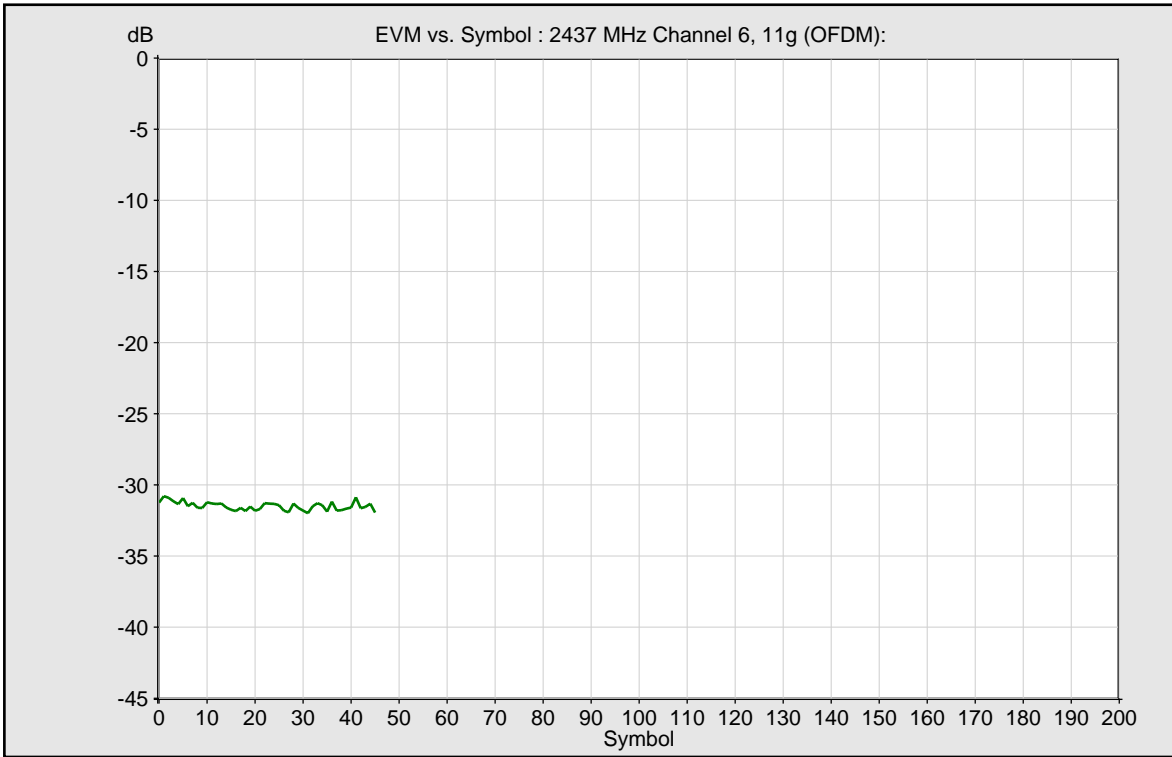
Trigger Source = IF Power

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	15.51	dBm	Passed
EVM All Carriers (Average)		-25	-30.89	dB	Passed
EVM Data Carriers (Average)		-25	-30.75	dB	Passed
EVM Pilot Carriers (Average)		-8	-32.94	dB	Passed
Center Frequency Error (Average)	-60000	60000	21758.60	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.94	ppm	Passed
IQ Offset (Average)		-15	-45.82	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	0.06	deg	Passed

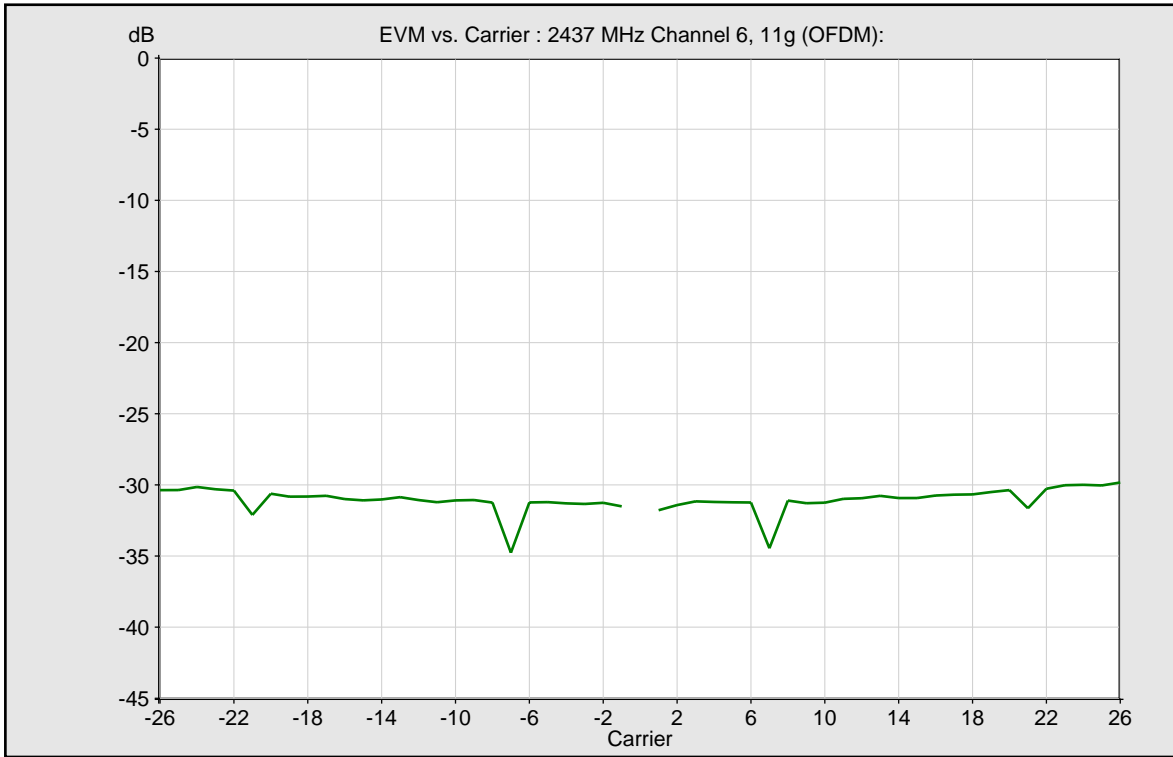
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.33	dB	Passed
Lower Margin Left Side (Average)	-6		-0.88	dB	Passed
Lower Margin Left Center (Average)	-4		-2.60	dB	Passed
Lower Margin Right Center (Average)	-4		-2.71	dB	Passed
Lower Margin Right Side (Average)	-6		-1.10	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-13.08	dB	Passed
Margin BC (Average)		0.00	-13.08	dB	Passed
Margin CD (Average)		0.00	-10.00	dB	Passed
Margin DE (Average)		0.00	-9.39	dB	Passed
Margin ED (Average)		0.00	-8.22	dB	Passed

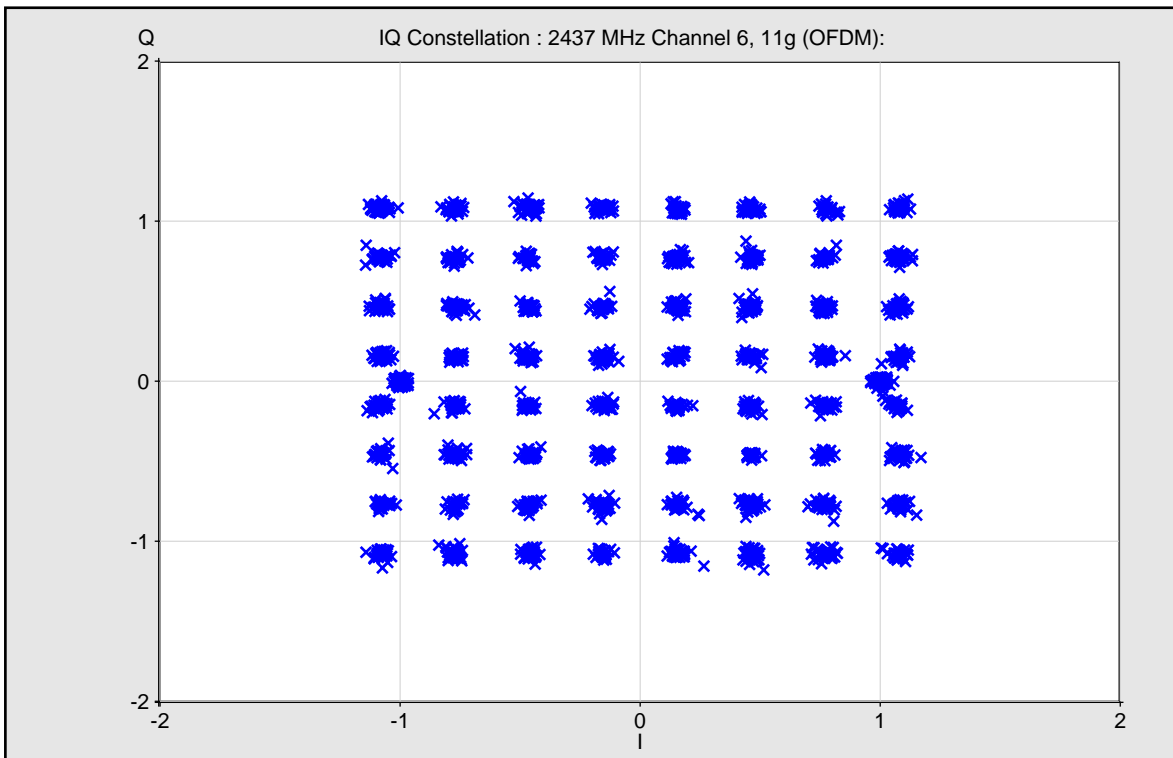
Margin DC (Average)		0.00	-8.22	dB	Passed
Margin CB (Average)		0.00	-14.09	dB	Passed
Margin BA (Average)		0.00	-13.69	dB	Passed
Occupied Bandwidth (Average)			16.34	MHz	

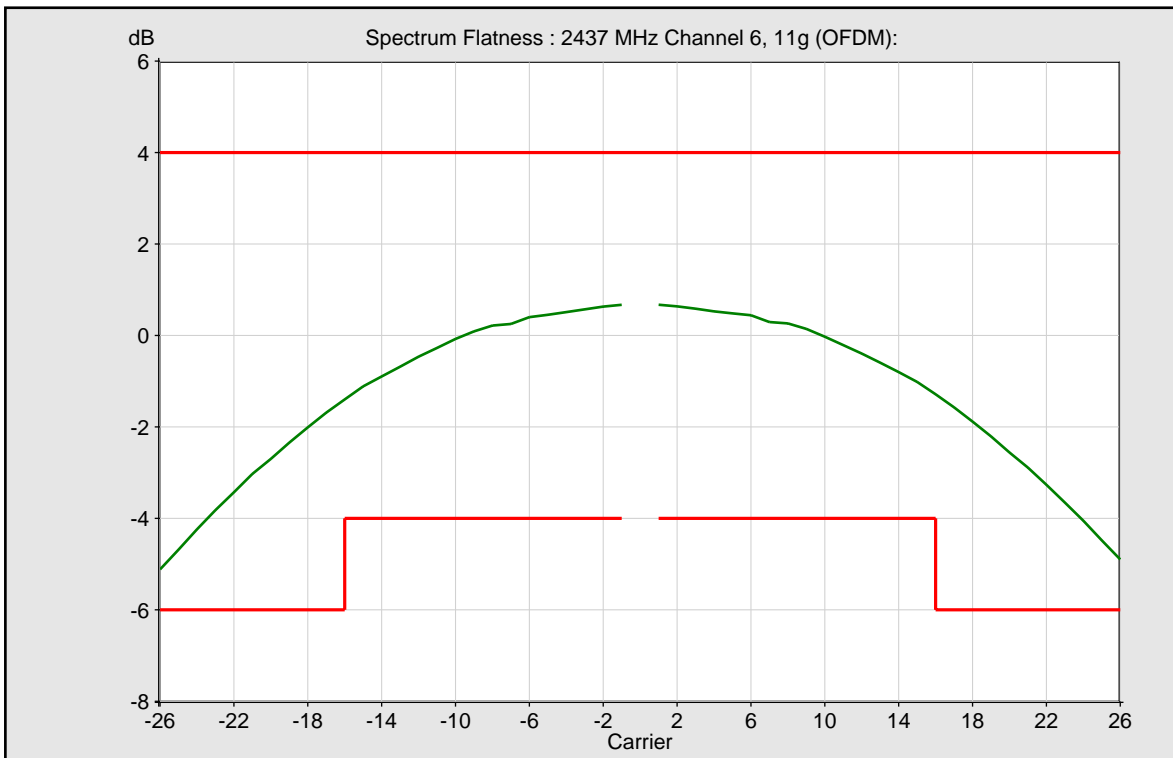


— Average

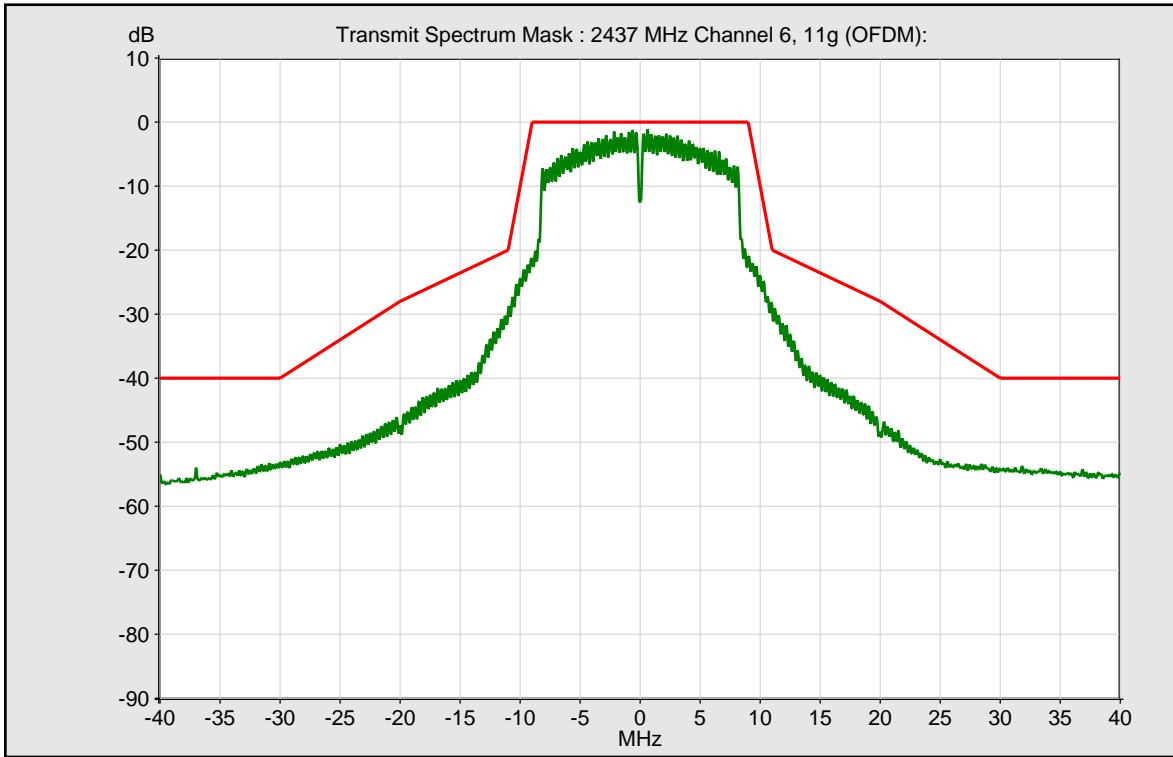


— Average

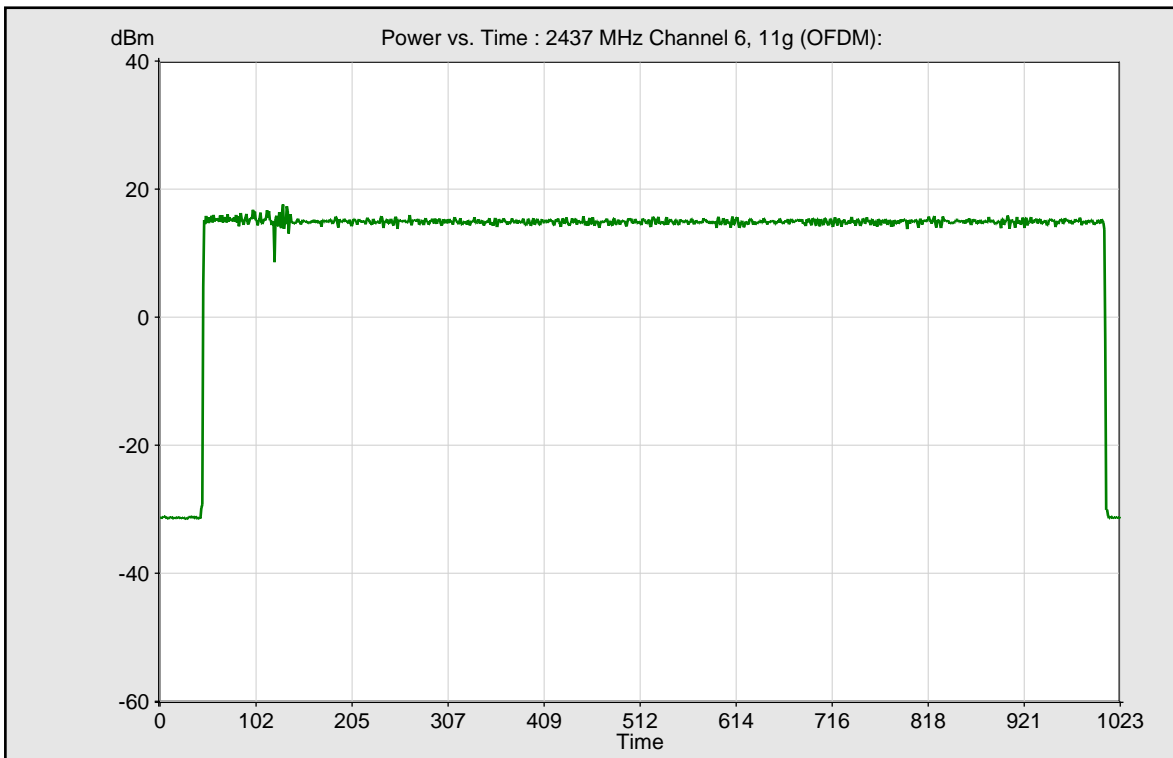




— Limit_Line
— Average



— 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

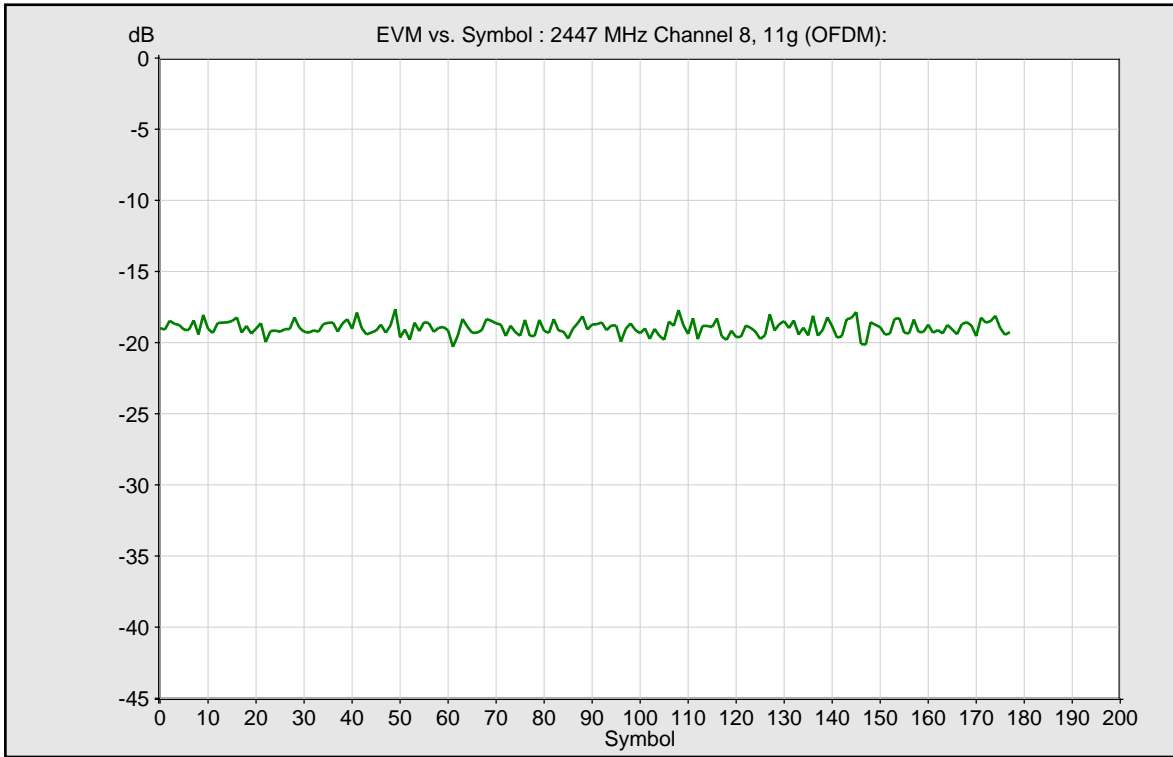
Trigger Source = IF Power

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	16.46	dBm	Passed
EVM All Carriers (Average)		-5	-18.43	dB	Passed
EVM Data Carriers (Average)		-5	-18.34	dB	Passed
EVM Pilot Carriers (Average)		-8	-19.76	dB	Passed
Center Frequency Error (Average)	-60000	60000	20642.21	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.42	ppm	Passed
IQ Offset (Average)		-15	-44.48	dB	Passed
Gain Imbalance (Average)	-140	0	0.11	dB	Passed
Quadrature Error (Average)	-180	180	-0.04	deg	Passed

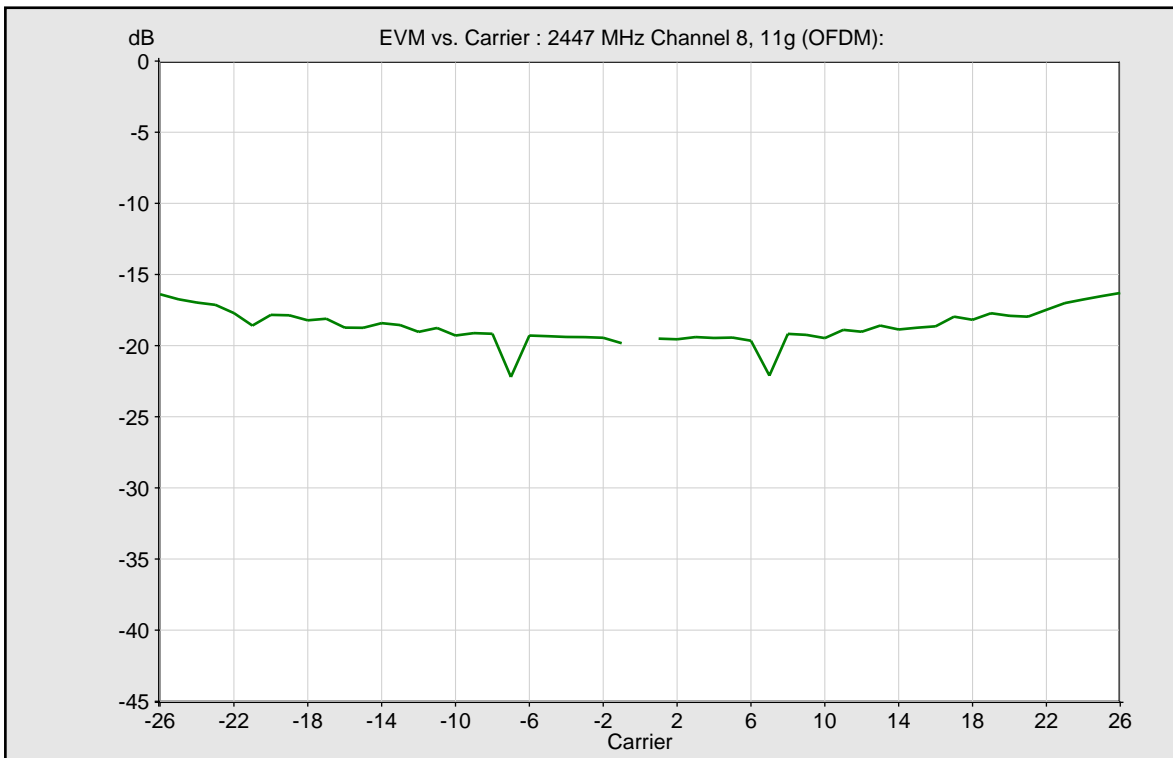
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.12	dB	Passed
Lower Margin Left Side (Average)	-6		-0.73	dB	Passed
Lower Margin Left Center (Average)	-4		-2.72	dB	Passed
Lower Margin Right Center (Average)	-4		-2.72	dB	Passed
Lower Margin Right Side (Average)	-6		-0.71	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-11.67	dB	Passed
Margin BC (Average)		0.00	-11.57	dB	Passed
Margin CD (Average)		0.00	-14.21	dB	Passed
Margin DE (Average)		0.00	-13.10	dB	Passed
Margin ED (Average)		0.00	-12.24	dB	Passed

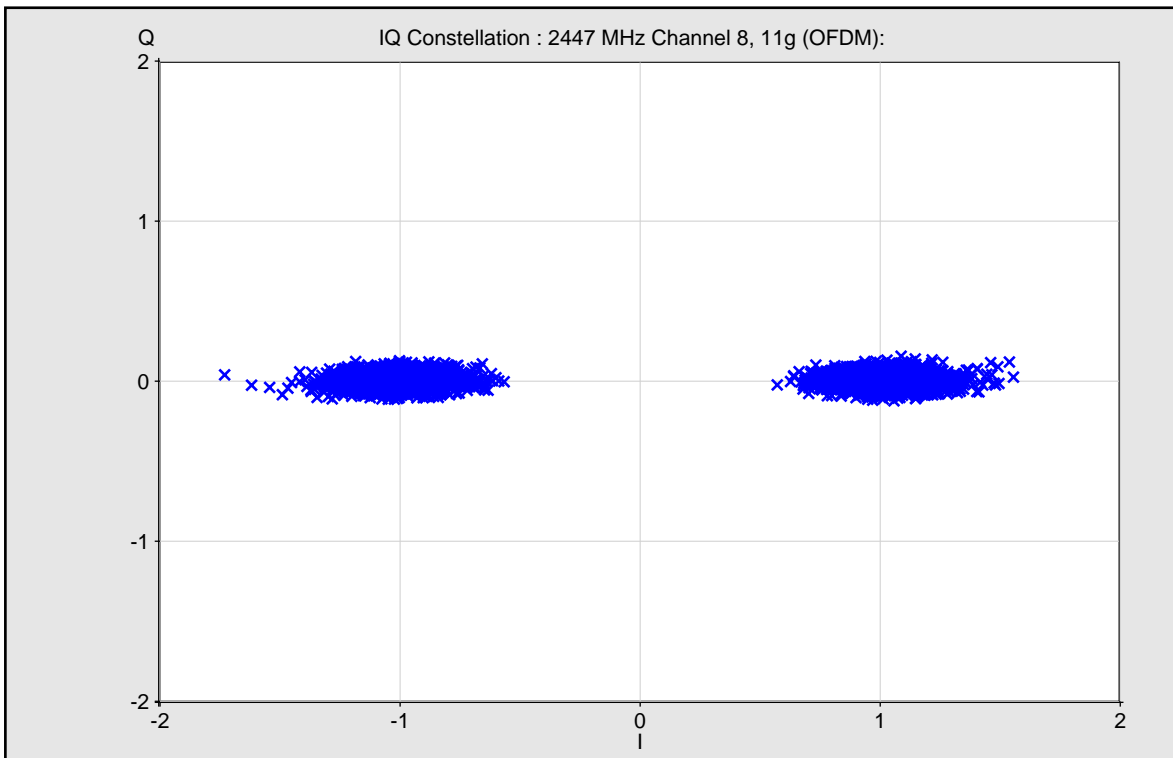
Margin DC (Average)		0.00	-12.85	dB	Passed
Margin CB (Average)		0.00	-14.06	dB	Passed
Margin BA (Average)		0.00	-13.80	dB	Passed
Occupied Bandwidth (Average)			16.35	MHz	

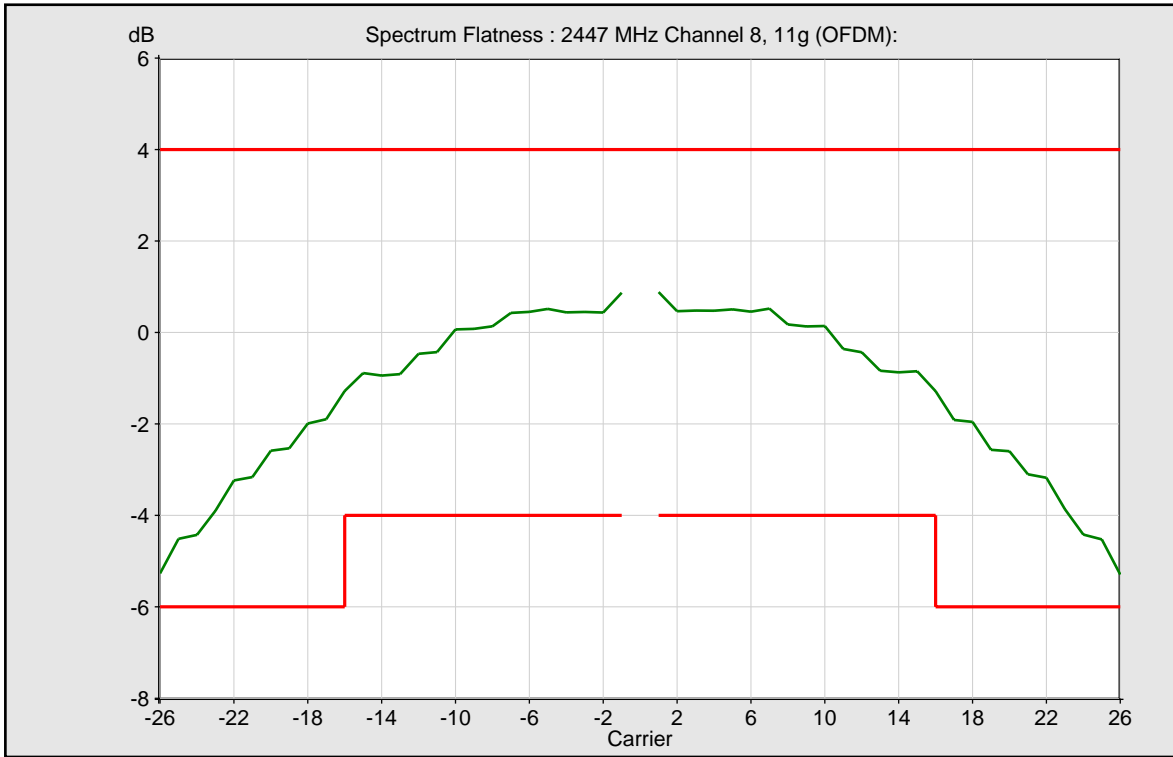


— Average

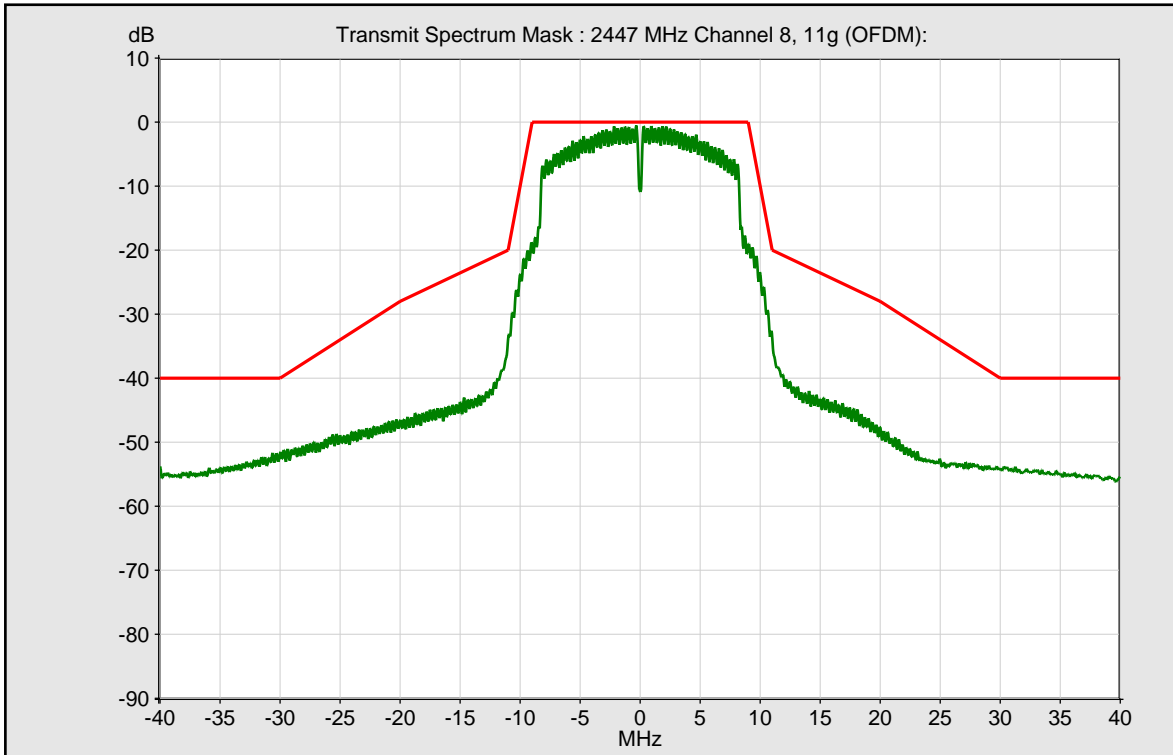


— Average

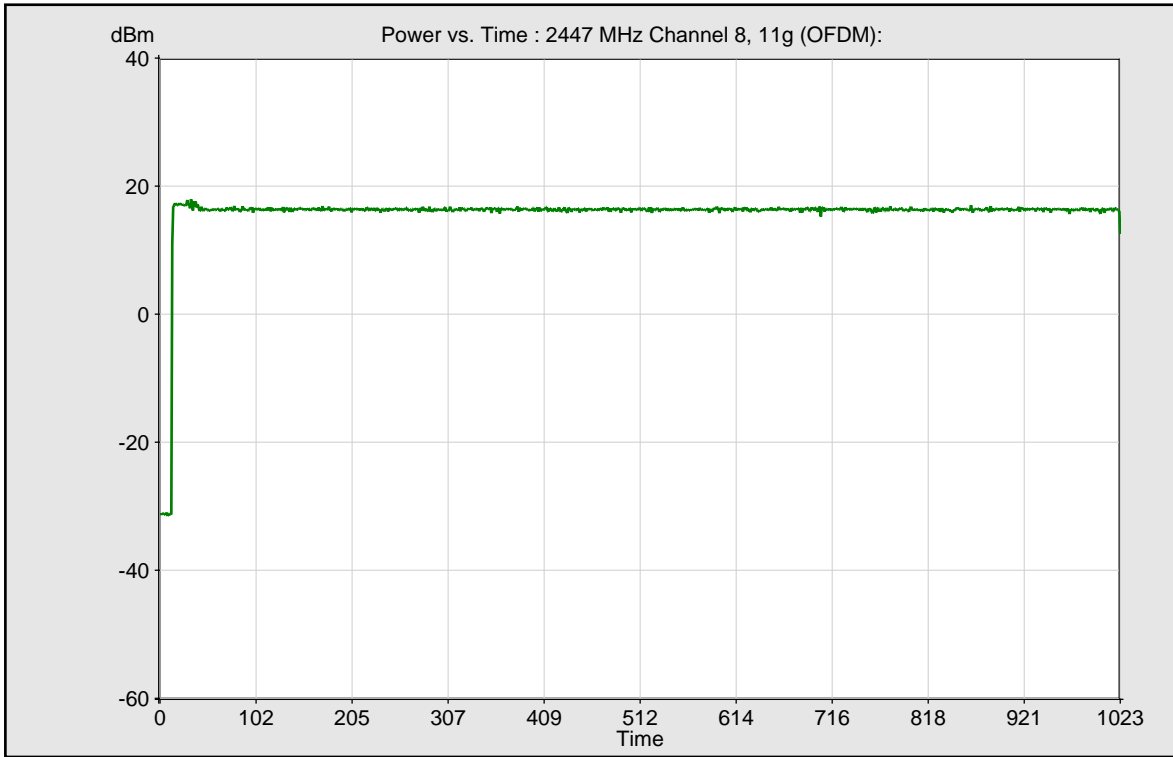




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```

calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 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

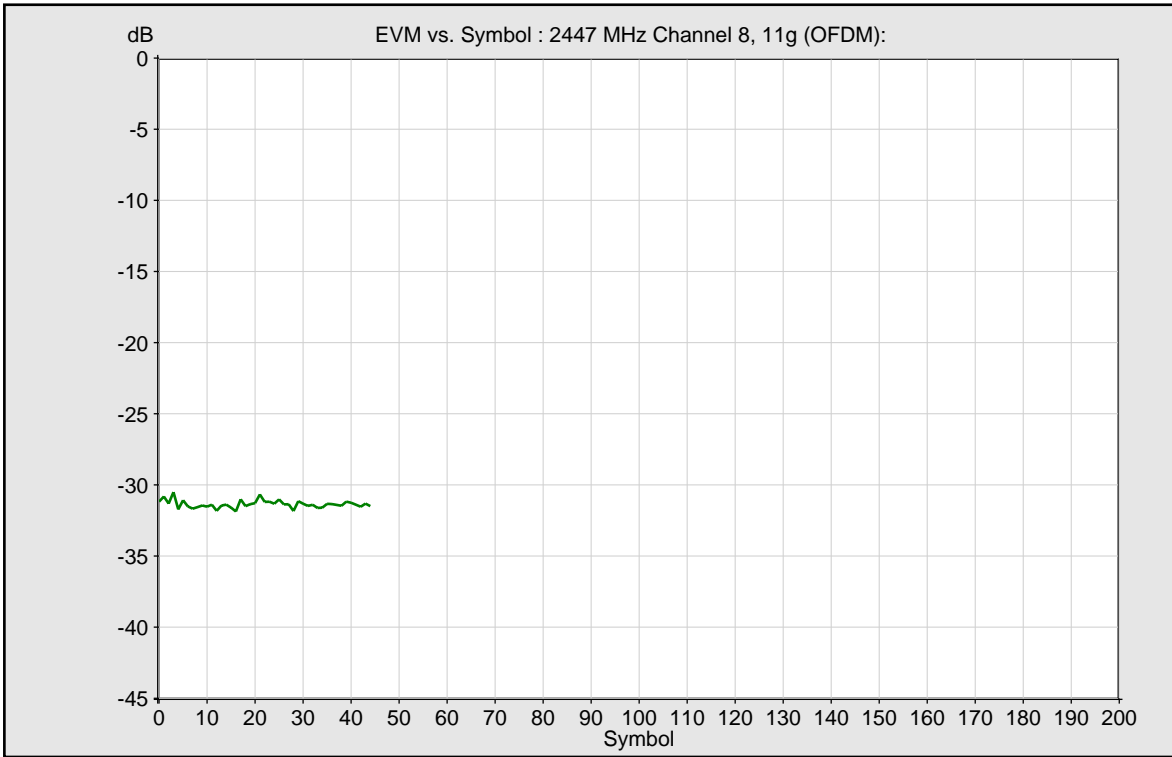
Trigger Source = IF Power

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	15.34	dBm	Passed
EVM All Carriers (Average)		-16	-30.81	dB	Passed
EVM Data Carriers (Average)		-16	-30.68	dB	Passed
EVM Pilot Carriers (Average)		-8	-32.77	dB	Passed
Center Frequency Error (Average)	-60000	60000	20883.45	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.59	ppm	Passed
IQ Offset (Average)		-15	-45.69	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	0.02	deg	Passed

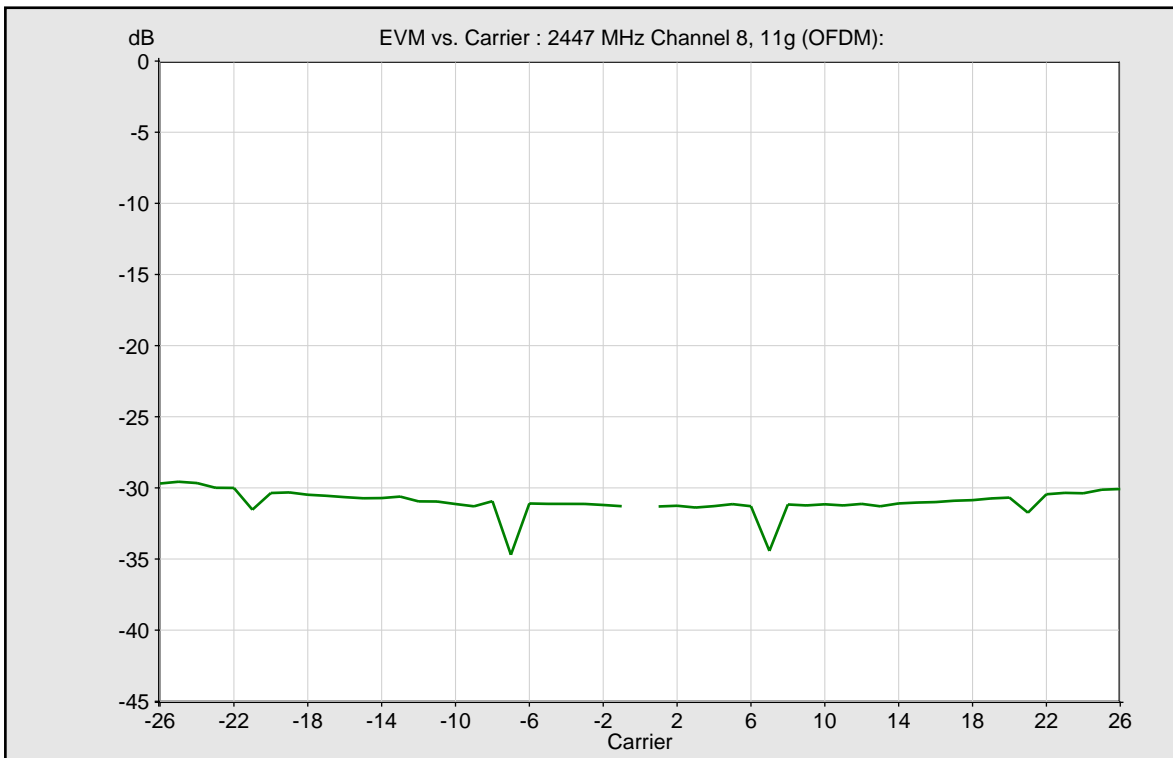
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.29	dB	Passed
Lower Margin Left Side (Average)	-6		-0.89	dB	Passed
Lower Margin Left Center (Average)	-4		-2.60	dB	Passed
Lower Margin Right Center (Average)	-4		-2.61	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	-12.12	dB	Passed
Margin BC (Average)		0.00	-12.06	dB	Passed
Margin CD (Average)		0.00	-9.78	dB	Passed
Margin DE (Average)		0.00	-9.41	dB	Passed
Margin ED (Average)		0.00	-9.05	dB	Passed

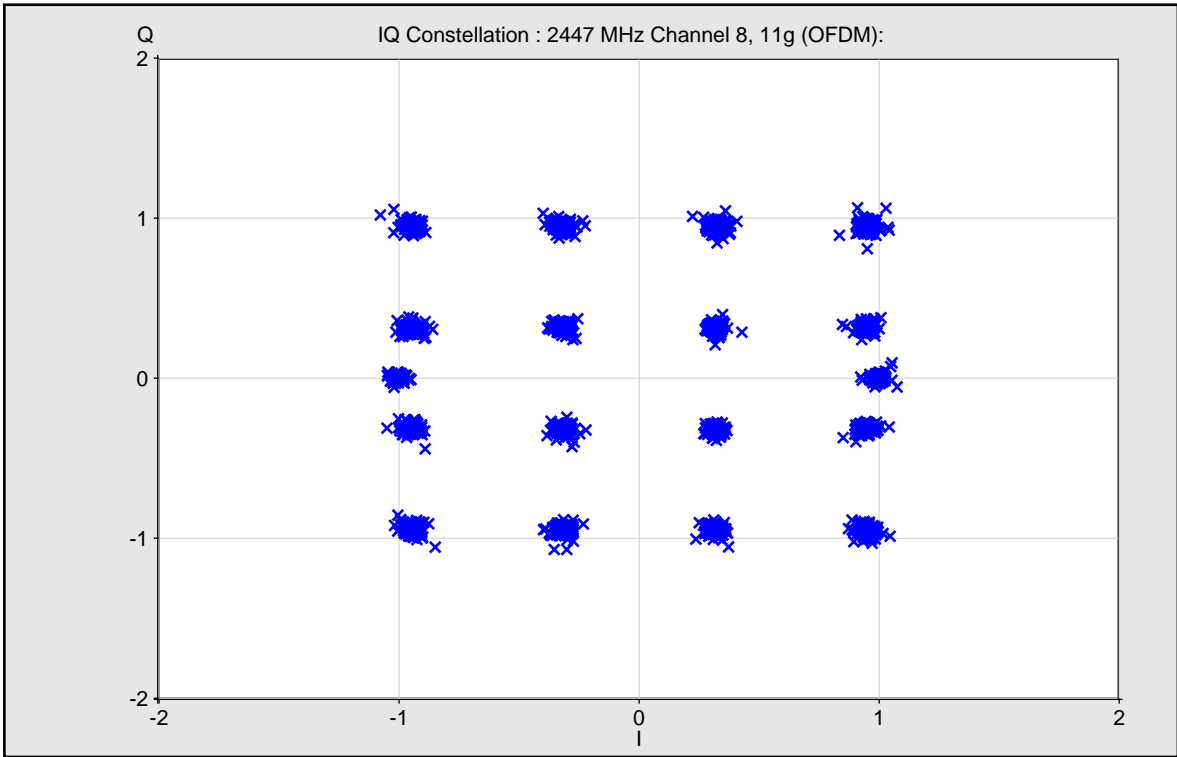
Margin DC (Average)		0.00	-9.05	dB	Passed
Margin CB (Average)		0.00	-13.61	dB	Passed
Margin BA (Average)		0.00	-14.00	dB	Passed
Occupied Bandwidth (Average)			16.35	MHz	

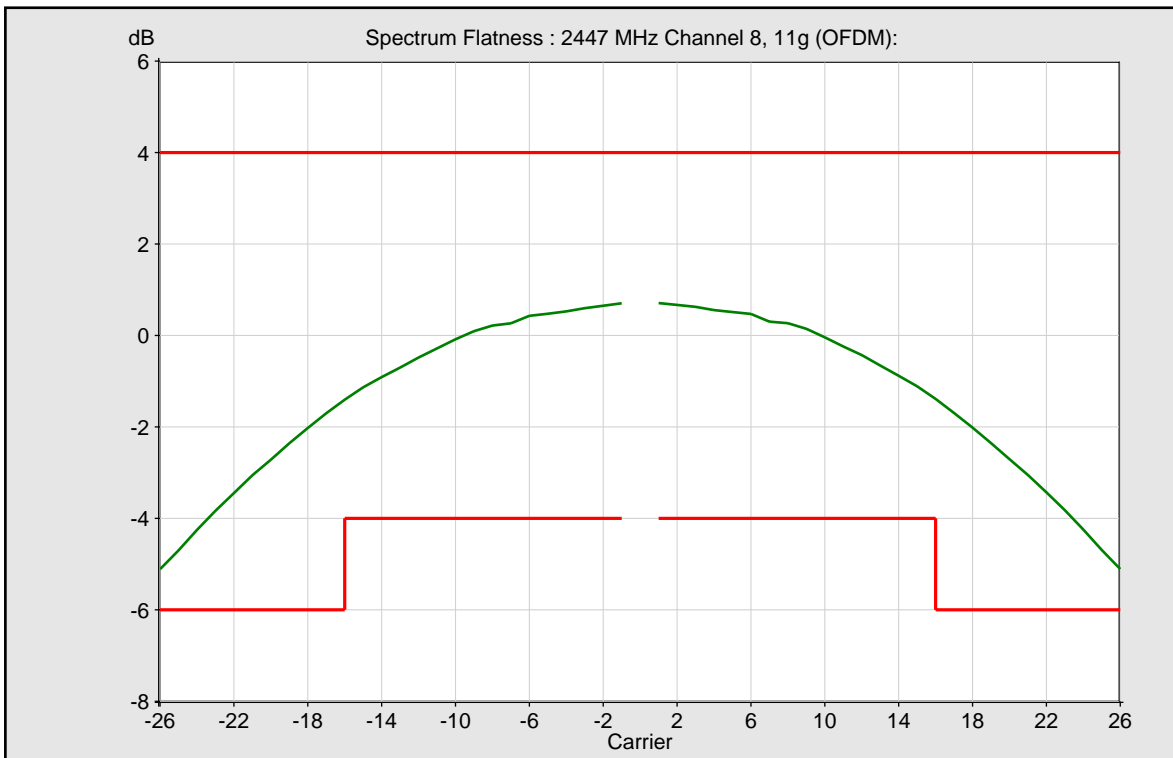


— Average

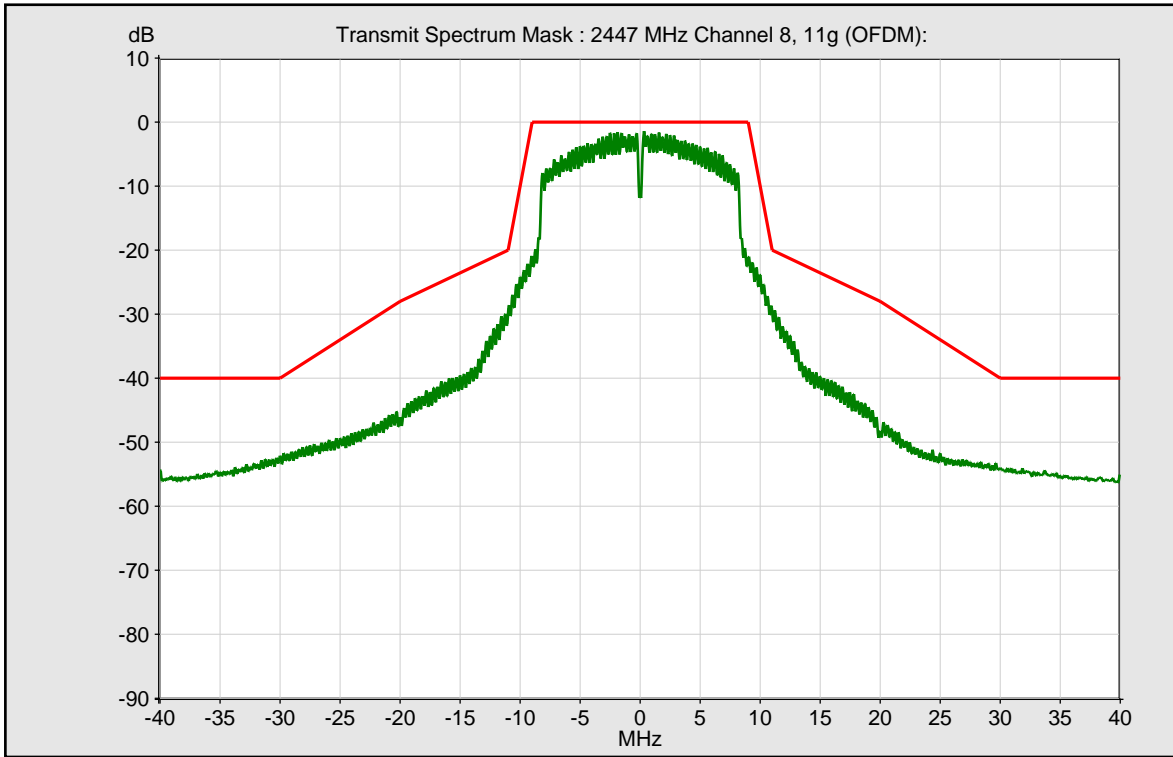


— Average

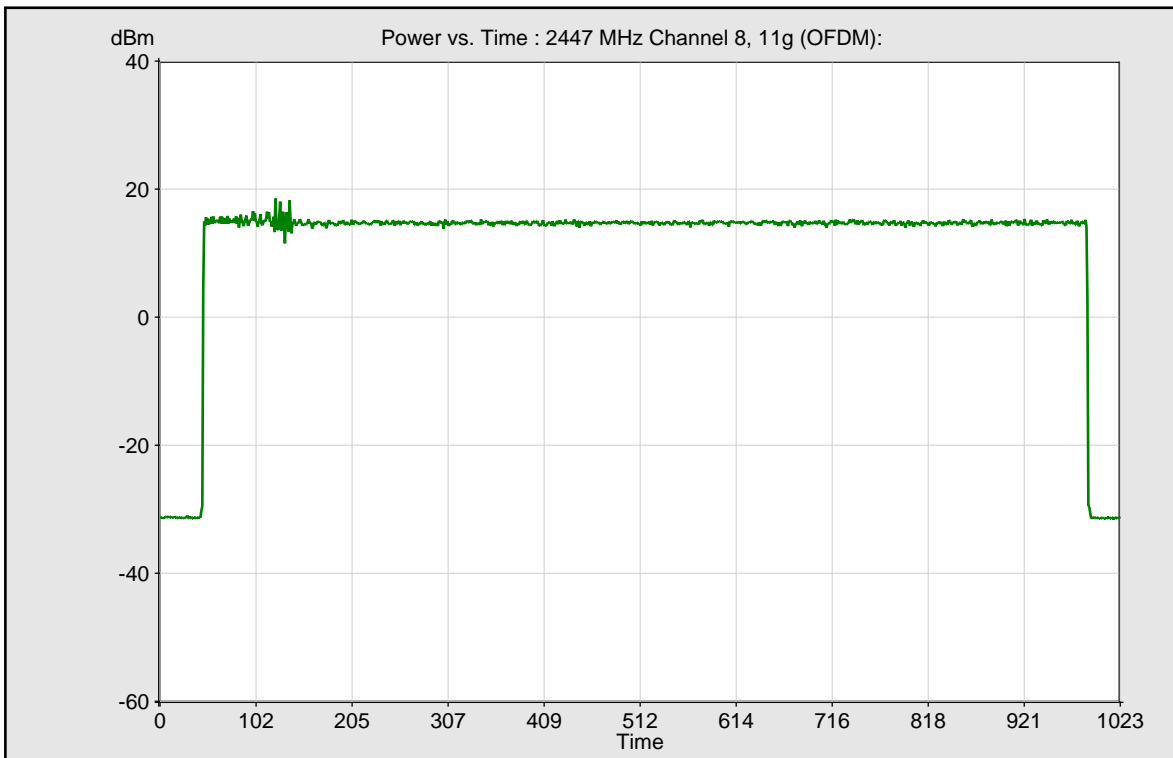




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```

calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 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

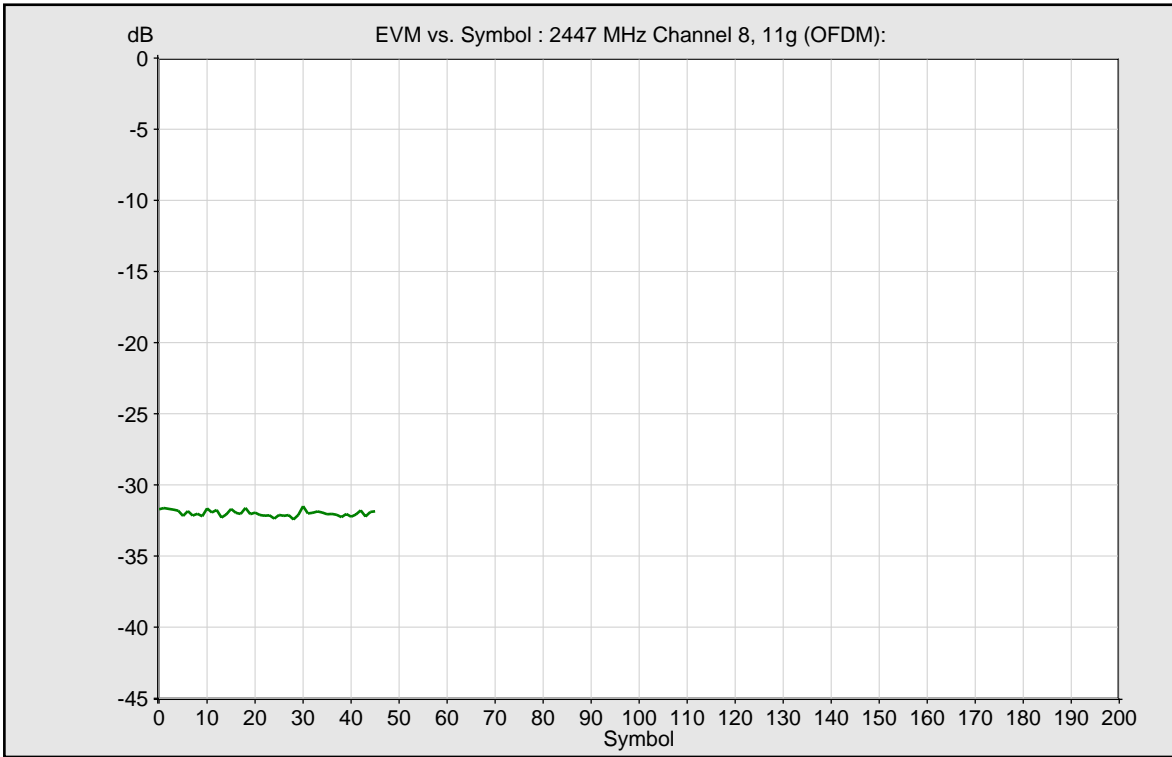
Trigger Source = IF Power

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	15.60	dBm	Passed
EVM All Carriers (Average)		-25	-31.32	dB	Passed
EVM Data Carriers (Average)		-25	-31.20	dB	Passed
EVM Pilot Carriers (Average)		-8	-33.23	dB	Passed
Center Frequency Error (Average)	-60000	60000	21627.14	Hz	Passed
Symbol Clock Error (Average)	-25	25	9.09	ppm	Passed
IQ Offset (Average)		-15	-46.70	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	0.03	deg	Passed

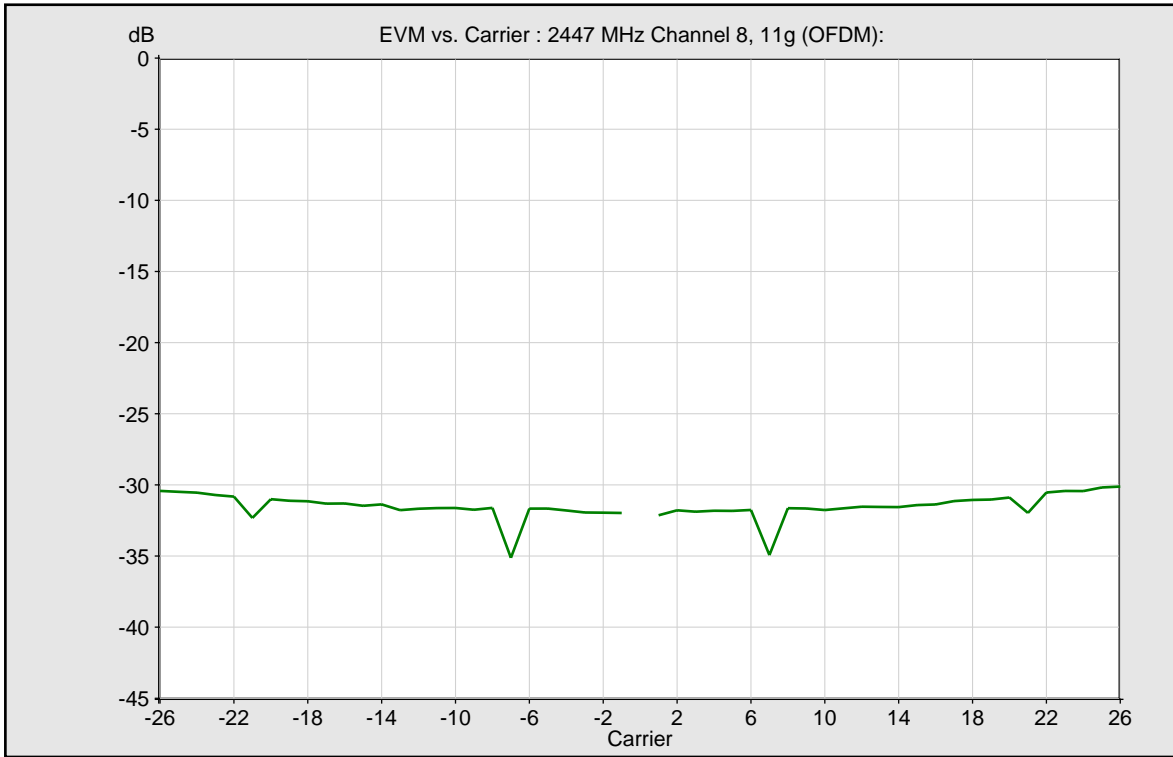
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.29	dB	Passed
Lower Margin Left Side (Average)	-6		-0.87	dB	Passed
Lower Margin Left Center (Average)	-4		-2.59	dB	Passed
Lower Margin Right Center (Average)	-4		-2.62	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	-12.02	dB	Passed
Margin BC (Average)		0.00	-11.91	dB	Passed
Margin CD (Average)		0.00	-9.67	dB	Passed
Margin DE (Average)		0.00	-9.29	dB	Passed
Margin ED (Average)		0.00	-8.63	dB	Passed

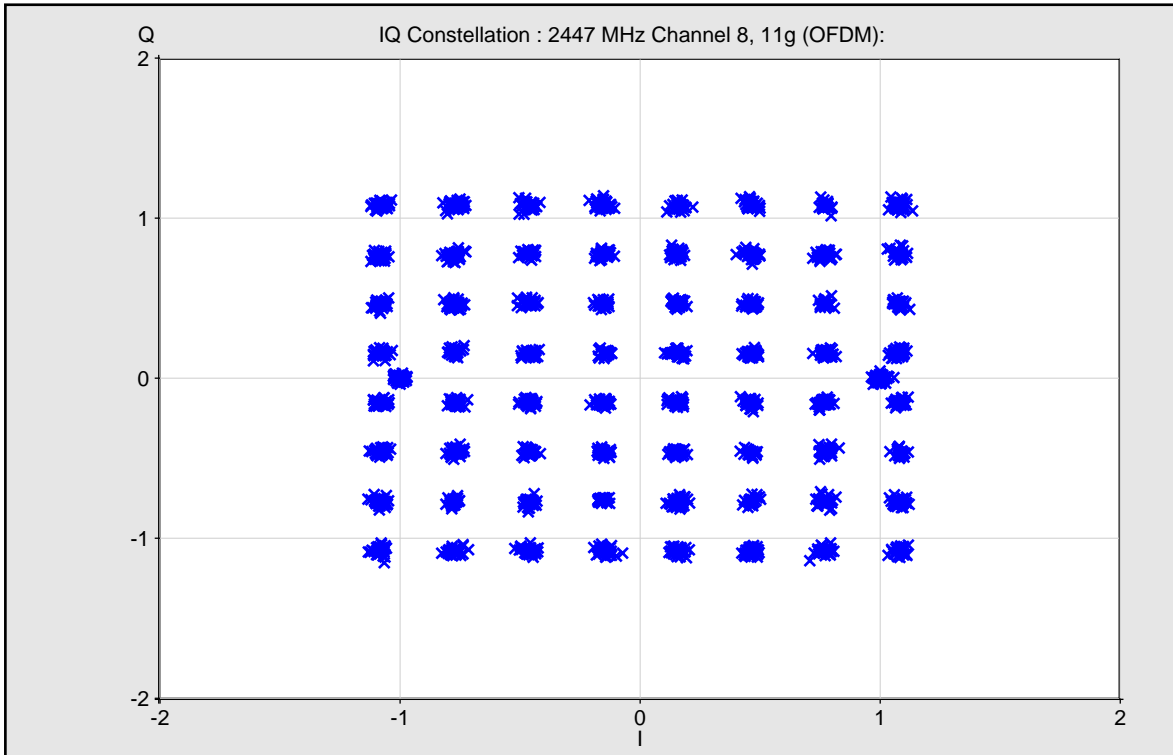
Margin DC (Average)		0.00	-8.63	dB	Passed
Margin CB (Average)		0.00	-13.72	dB	Passed
Margin BA (Average)		0.00	-13.68	dB	Passed
Occupied Bandwidth (Average)			16.35	MHz	

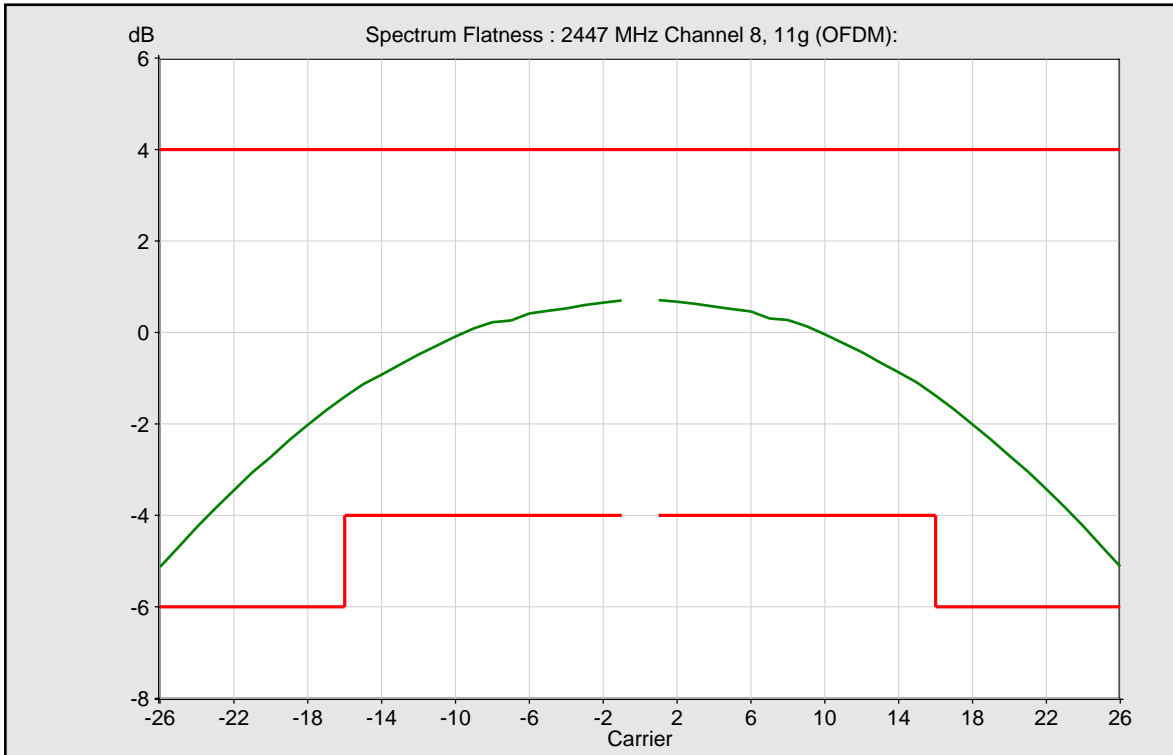


— Average

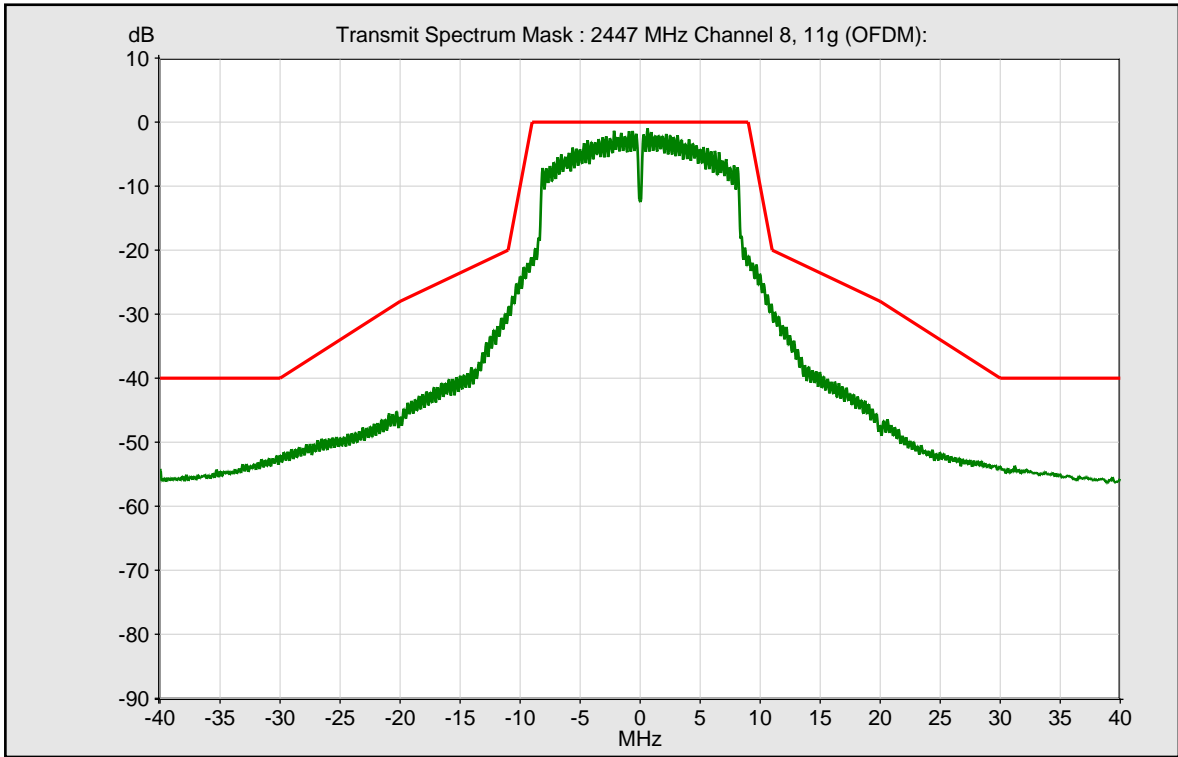


— Average

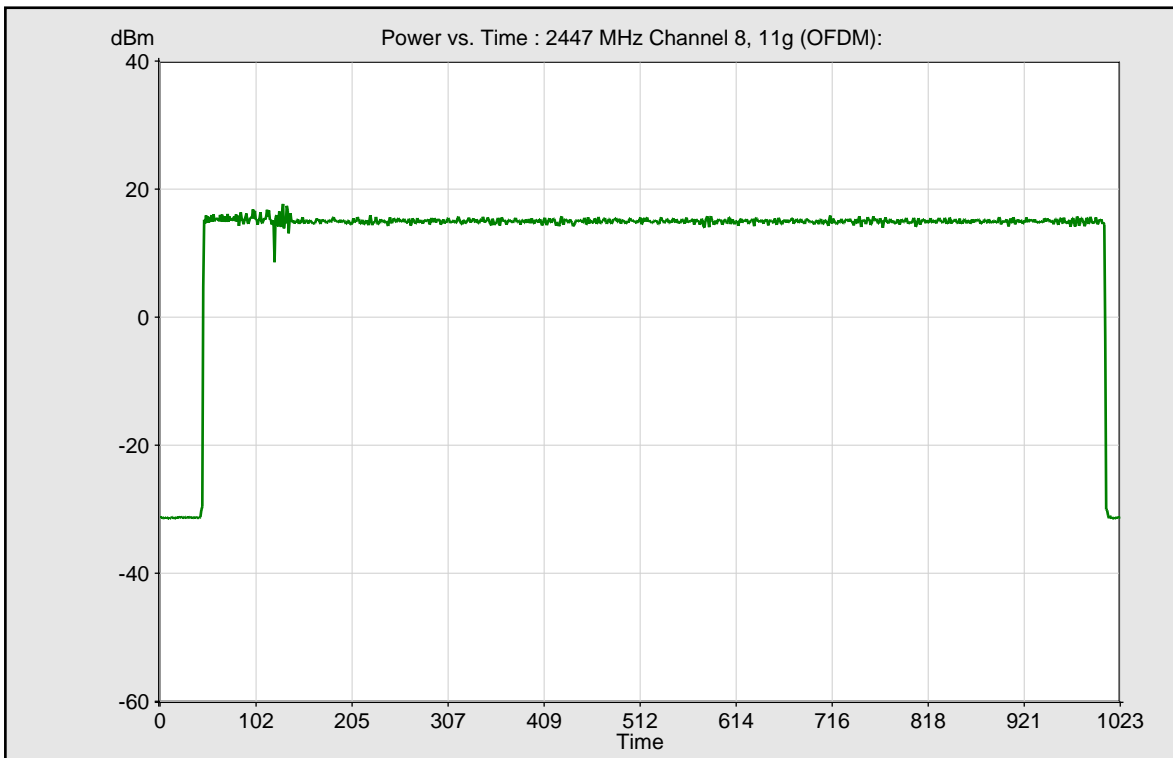




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 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

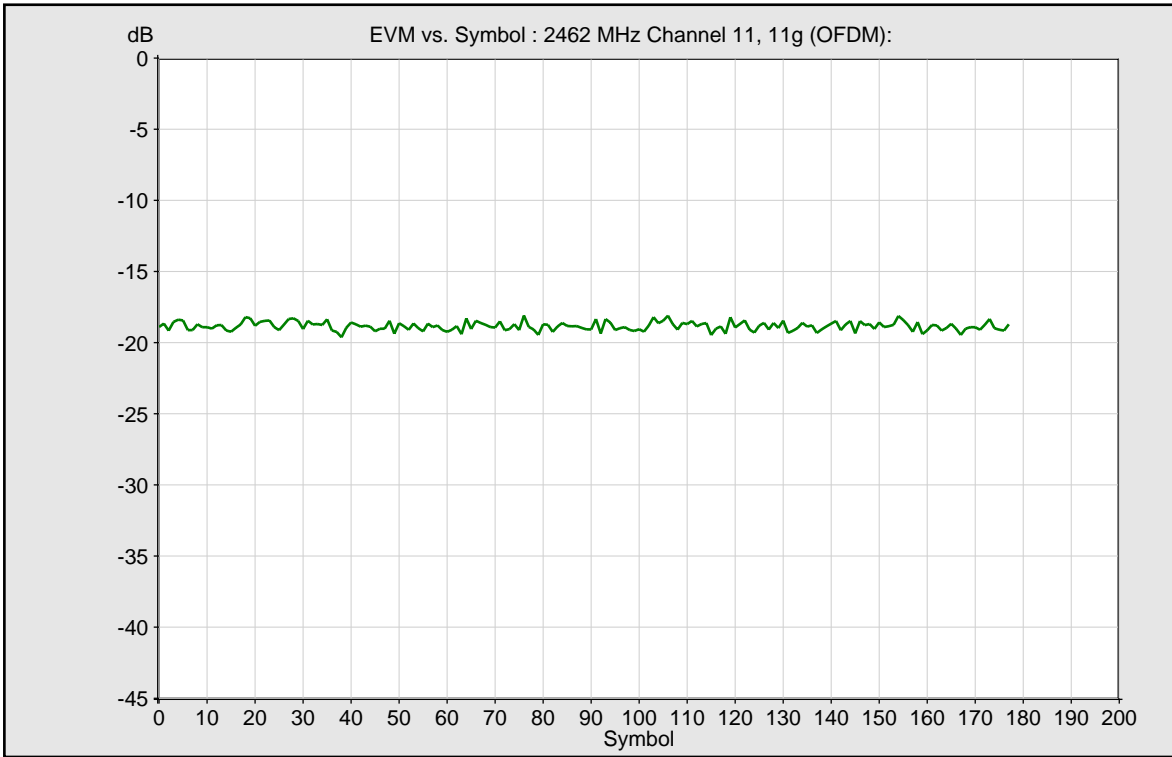
Trigger Source = IF Power

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	16.43	dBm	Passed
EVM All Carriers (Average)		-5	-18.32	dB	Passed
EVM Data Carriers (Average)		-5	-18.21	dB	Passed
EVM Pilot Carriers (Average)		-8	-19.85	dB	Passed
Center Frequency Error (Average)	-60000	60000	20465.06	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.33	ppm	Passed
IQ Offset (Average)		-15	-45.12	dB	Passed
Gain Imbalance (Average)	-140	0	0.11	dB	Passed
Quadrature Error (Average)	-180	180	-0.05	deg	Passed

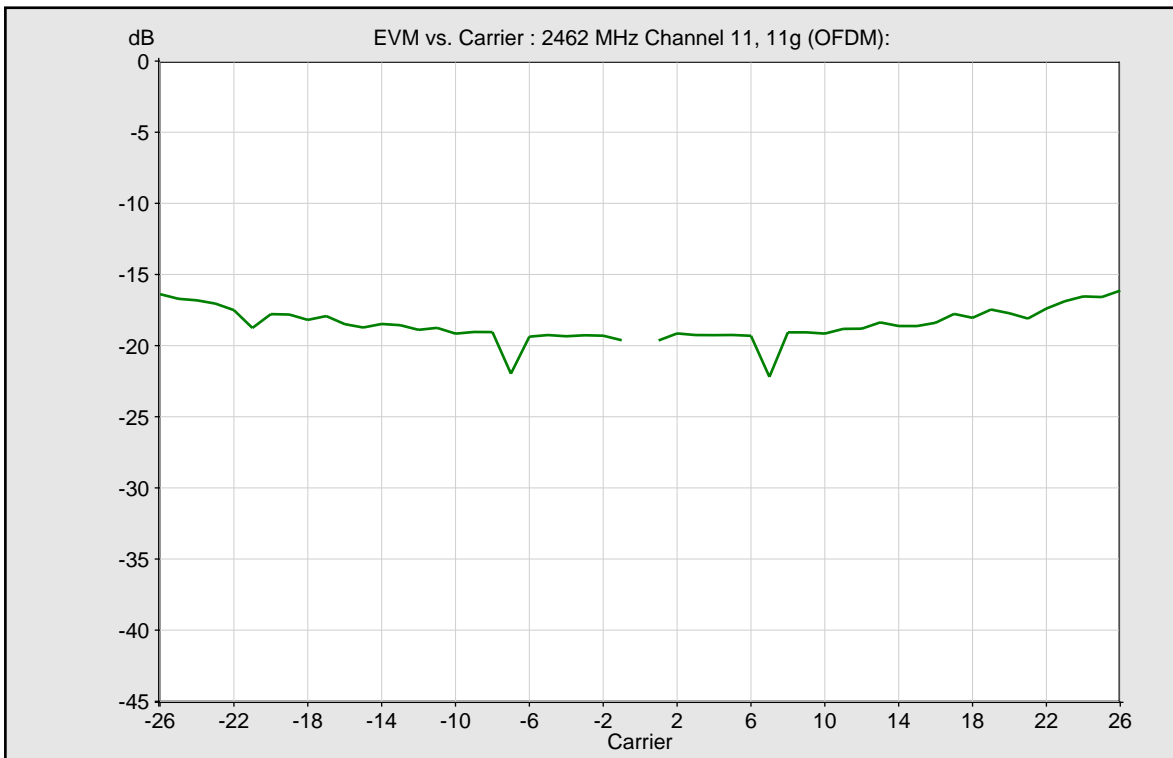
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.16	dB	Passed
Lower Margin Left Side (Average)	-6		-0.80	dB	Passed
Lower Margin Left Center (Average)	-4		-2.66	dB	Passed
Lower Margin Right Center (Average)	-4		-2.91	dB	Passed
Lower Margin Right Side (Average)	-6		-0.94	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-10.91	dB	Passed
Margin BC (Average)		0.00	-10.87	dB	Passed
Margin CD (Average)		0.00	-13.95	dB	Passed
Margin DE (Average)		0.00	-12.84	dB	Passed
Margin ED (Average)		0.00	-11.89	dB	Passed

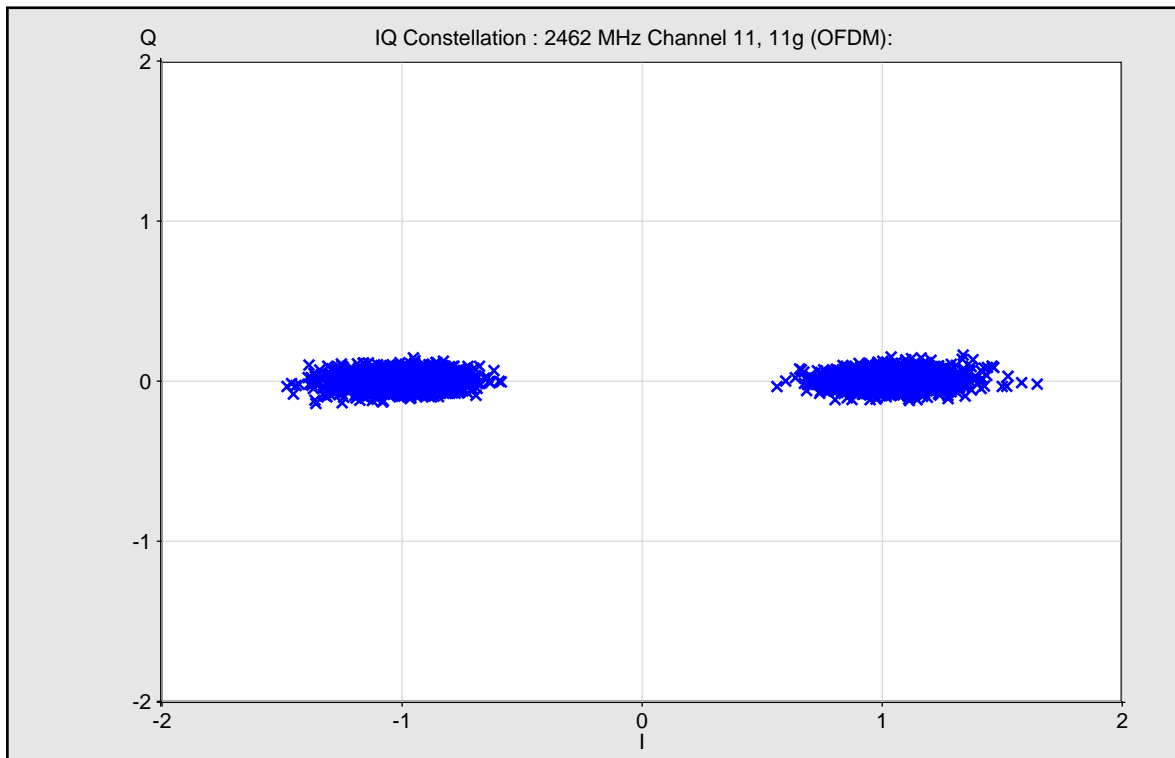
Margin DC (Average)		0.00	-12.36	dB	Passed
Margin CB (Average)		0.00	-17.03	dB	Passed
Margin BA (Average)		0.00	-17.05	dB	Passed
Occupied Bandwidth (Average)			16.35	MHz	

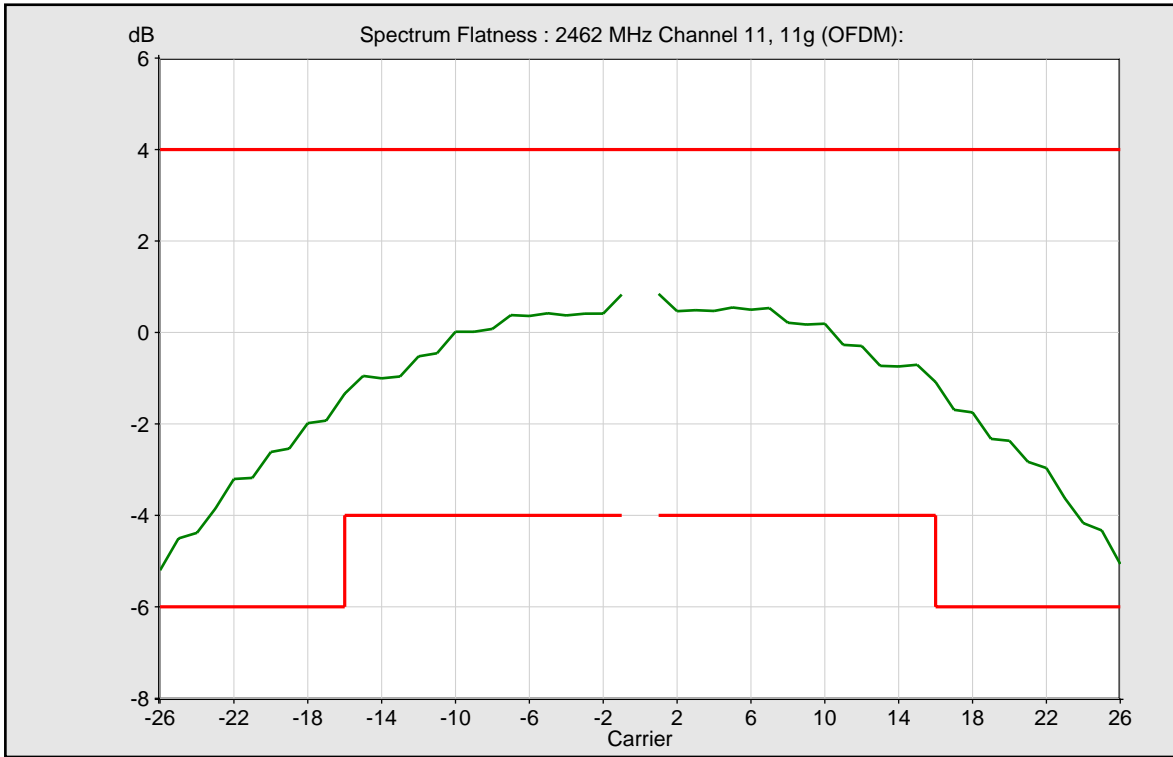


— Average

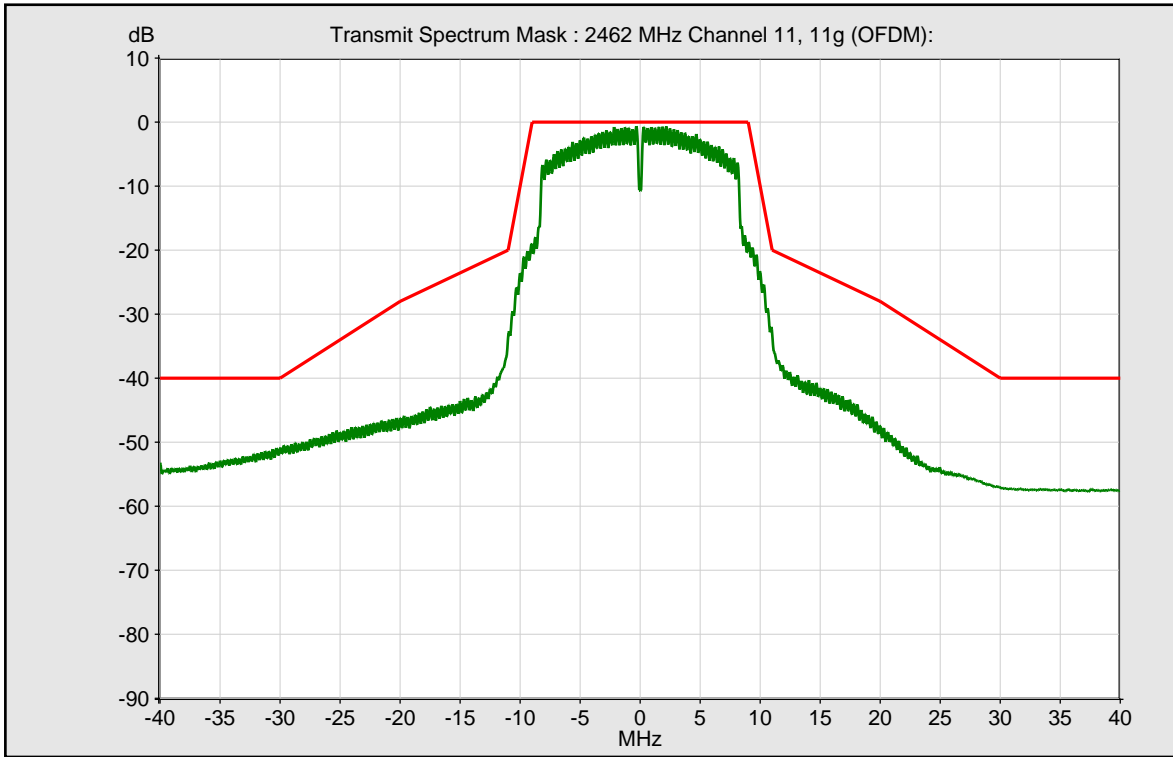


— Average

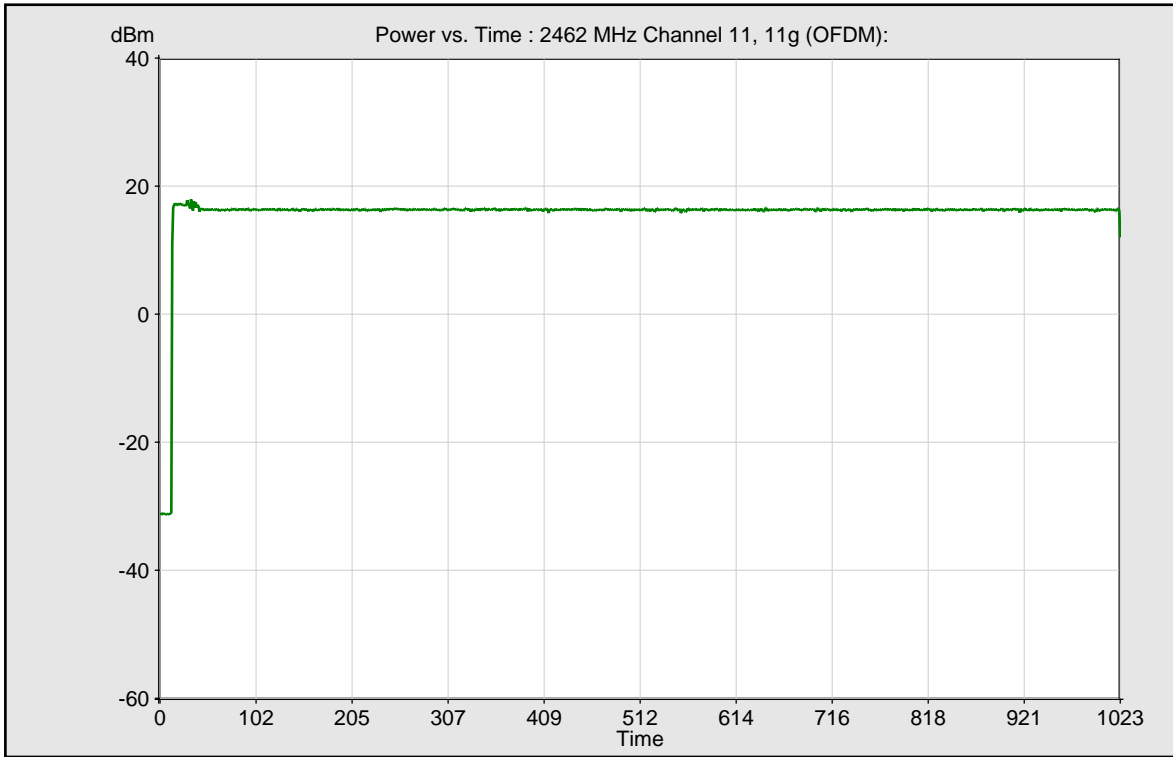




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 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

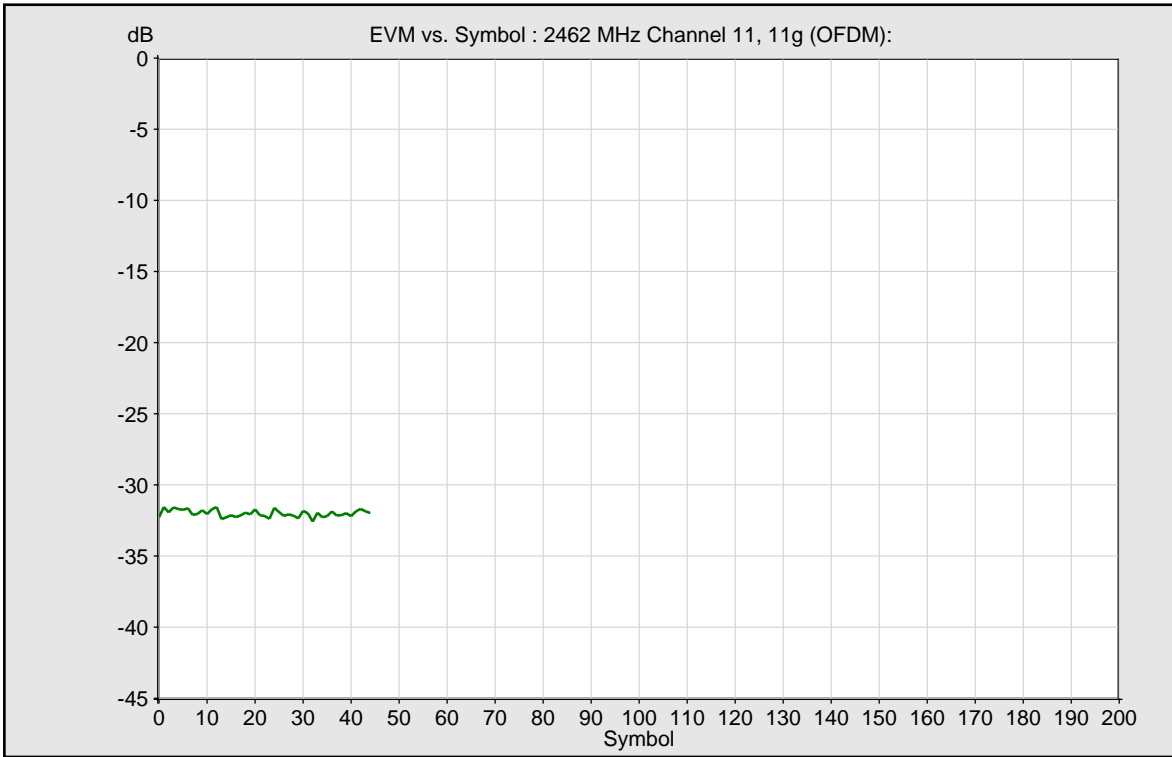
Trigger Source = IF Power

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	15.32	dBm	Passed
EVM All Carriers (Average)		-16	-31.37	dB	Passed
EVM Data Carriers (Average)		-16	-31.24	dB	Passed
EVM Pilot Carriers (Average)		-8	-33.25	dB	Passed
Center Frequency Error (Average)	-60000	60000	20701.42	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.48	ppm	Passed
IQ Offset (Average)		-15	-45.81	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	-0.01	deg	Passed

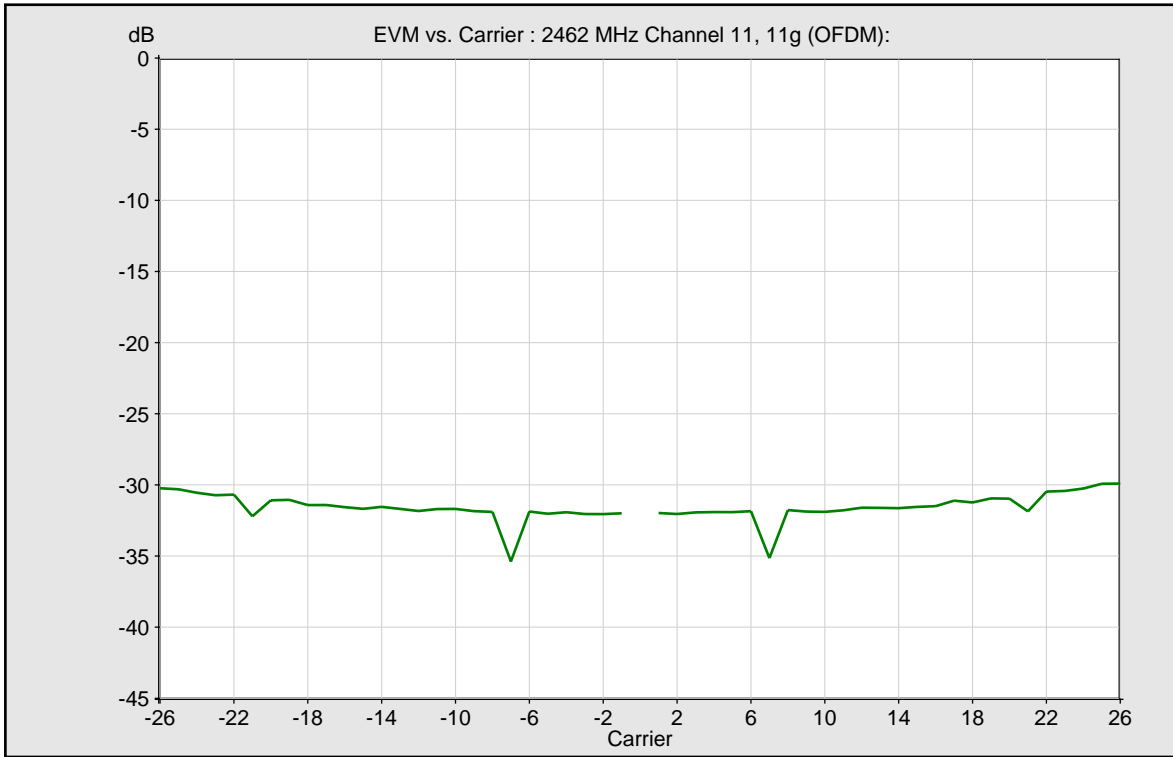
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.32	dB	Passed
Lower Margin Left Side (Average)	-6		-0.95	dB	Passed
Lower Margin Left Center (Average)	-4		-2.55	dB	Passed
Lower Margin Right Center (Average)	-4		-2.81	dB	Passed
Lower Margin Right Side (Average)	-6		-1.16	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-11.14	dB	Passed
Margin BC (Average)		0.00	-11.14	dB	Passed
Margin CD (Average)		0.00	-9.26	dB	Passed
Margin DE (Average)		0.00	-8.80	dB	Passed
Margin ED (Average)		0.00	-8.23	dB	Passed

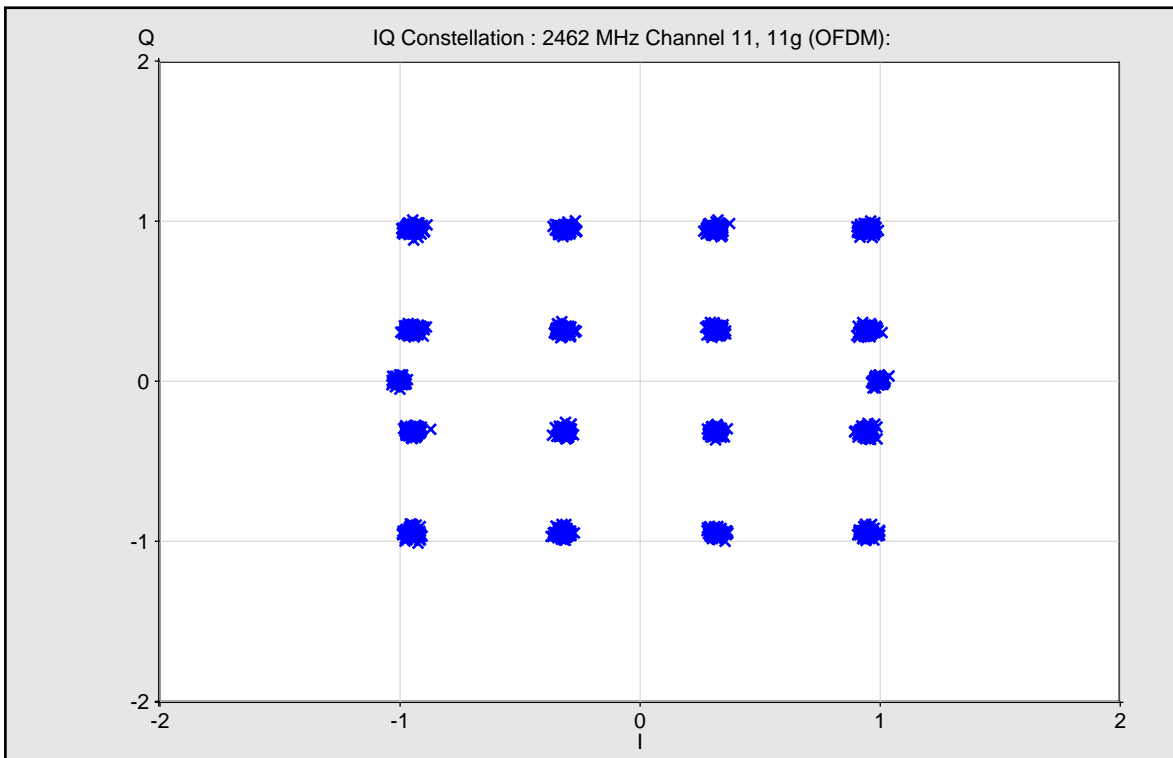
Margin DC (Average)		0.00	-8.23	dB	Passed
Margin CB (Average)		0.00	-16.99	dB	Passed
Margin BA (Average)		0.00	-17.00	dB	Passed
Occupied Bandwidth (Average)			16.38	MHz	

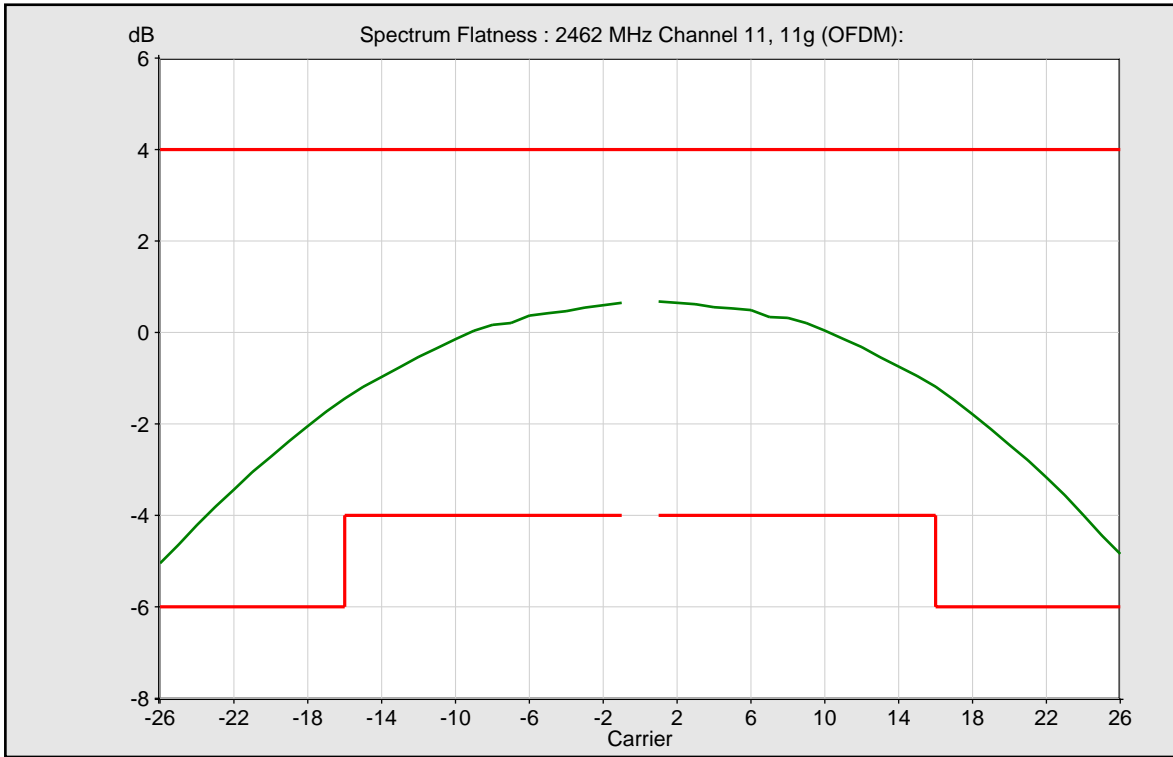


— Average

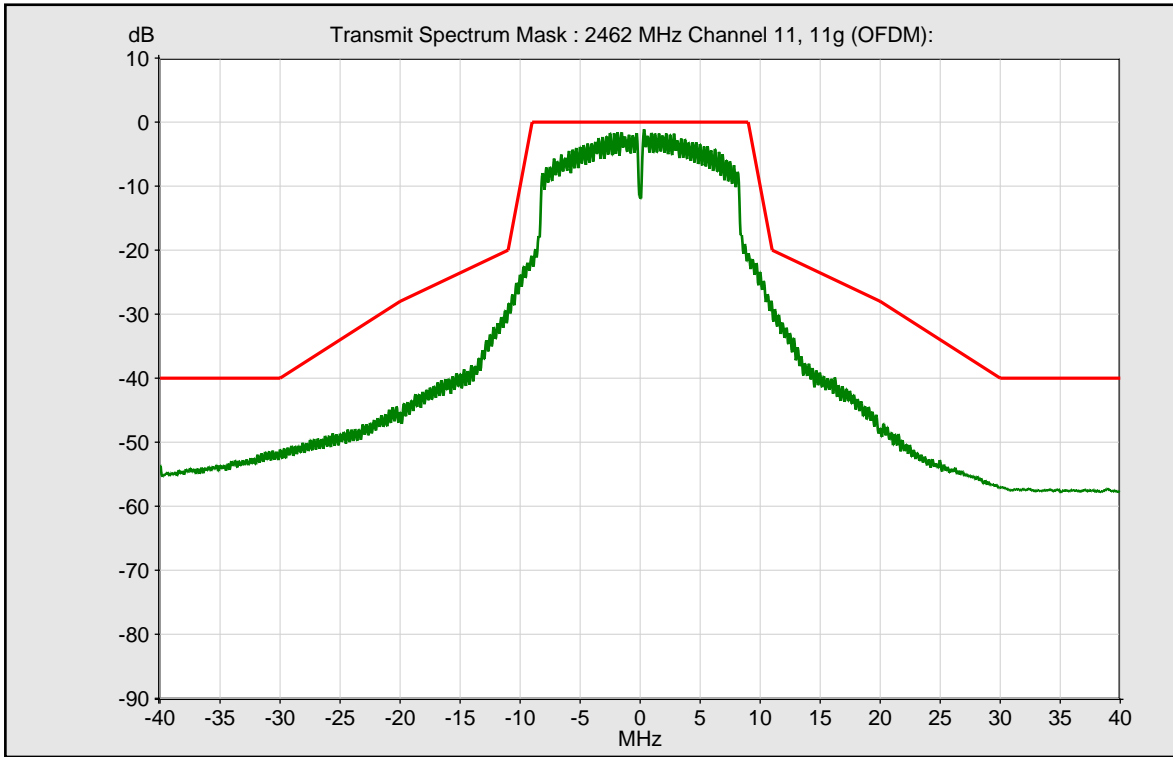


— Average

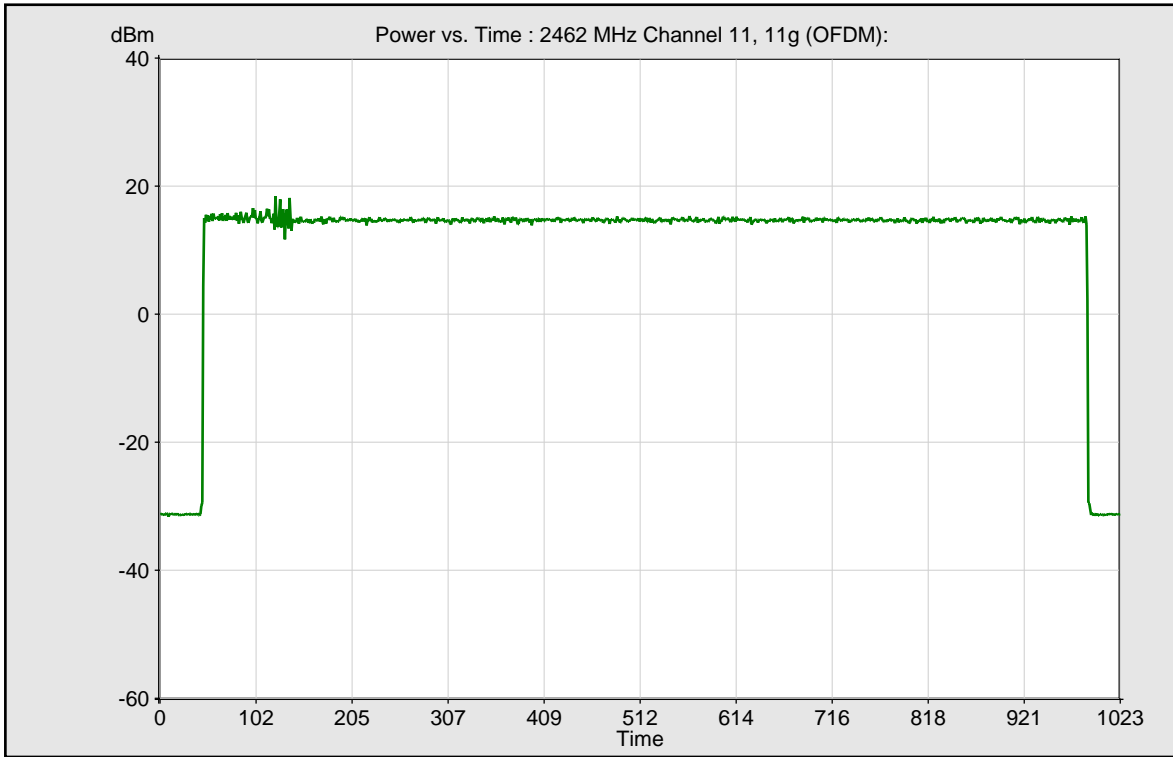




— Limit_Line
— Average



— 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 12 -length const packet 1200 -delay 1000 -tx_power 30

calibrator wlan0 cc33xx_plt start_tx

WLAN Signaling Tx Measurement: TX Measurement

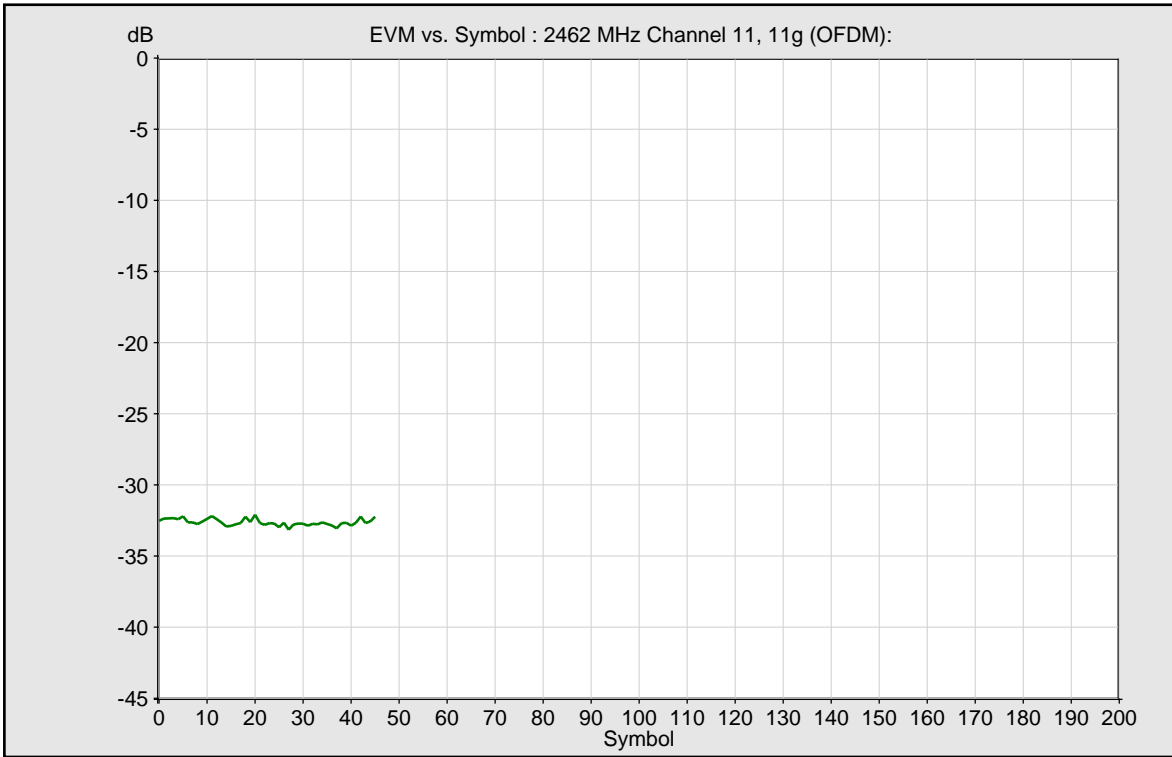
Trigger Source = IF Power

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	15.59	dBm	Passed
EVM All Carriers (Average)		-25	-31.98	dB	Passed
EVM Data Carriers (Average)		-25	-31.85	dB	Passed
EVM Pilot Carriers (Average)		-8	-33.97	dB	Passed
Center Frequency Error (Average)	-60000	60000	21497.52	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.57	ppm	Passed
IQ Offset (Average)		-15	-46.74	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	0.01	deg	Passed

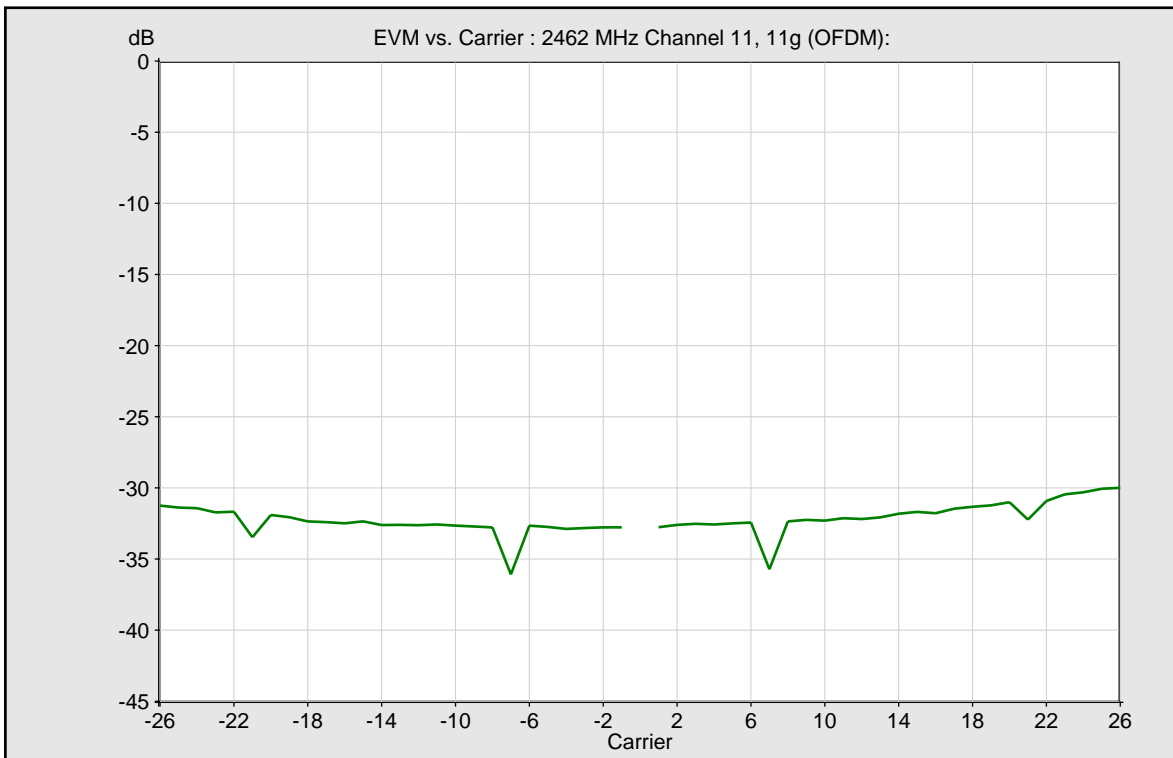
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.33	dB	Passed
Lower Margin Left Side (Average)	-6		-0.95	dB	Passed
Lower Margin Left Center (Average)	-4		-2.56	dB	Passed
Lower Margin Right Center (Average)	-4		-2.81	dB	Passed
Lower Margin Right Side (Average)	-6		-1.15	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-11.26	dB	Passed
Margin BC (Average)		0.00	-11.26	dB	Passed
Margin CD (Average)		0.00	-9.22	dB	Passed
Margin DE (Average)		0.00	-8.73	dB	Passed
Margin ED (Average)		0.00	-8.26	dB	Passed

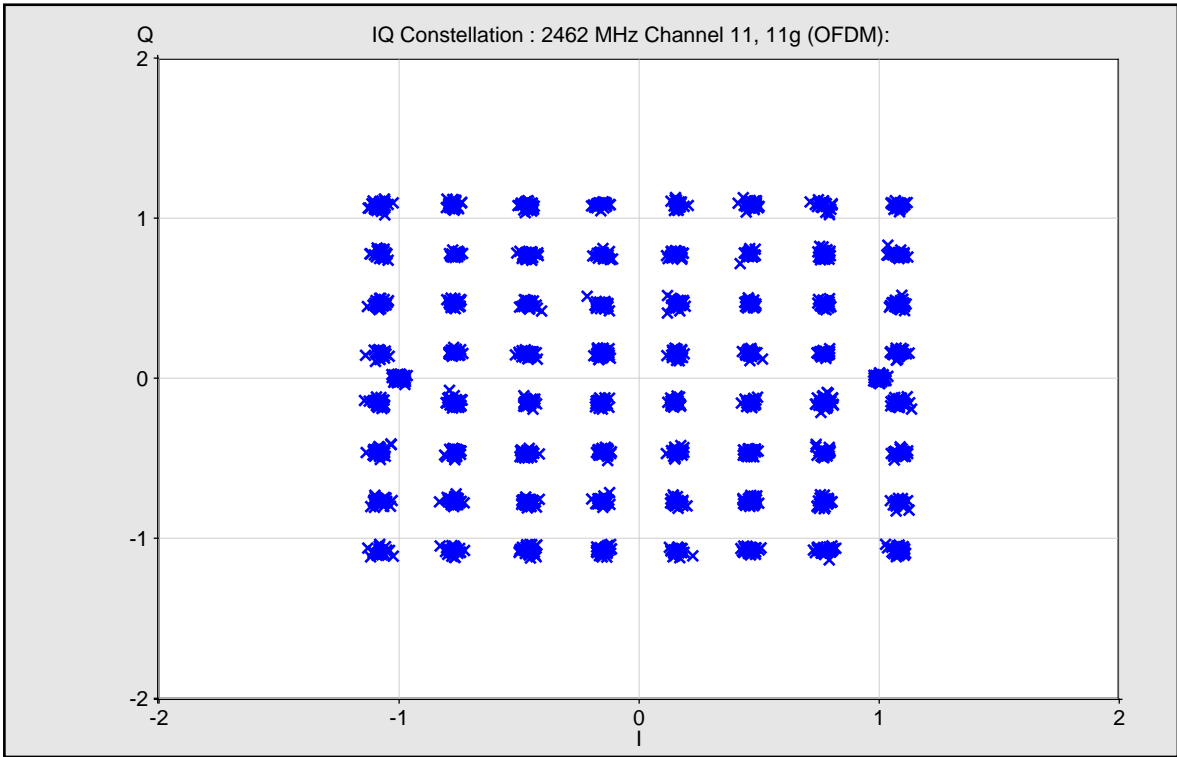
Margin DC (Average)		0.00	-8.26	dB	Passed
Margin CB (Average)		0.00	-17.09	dB	Passed
Margin BA (Average)		0.00	-17.09	dB	Passed
Occupied Bandwidth (Average)			16.38	MHz	

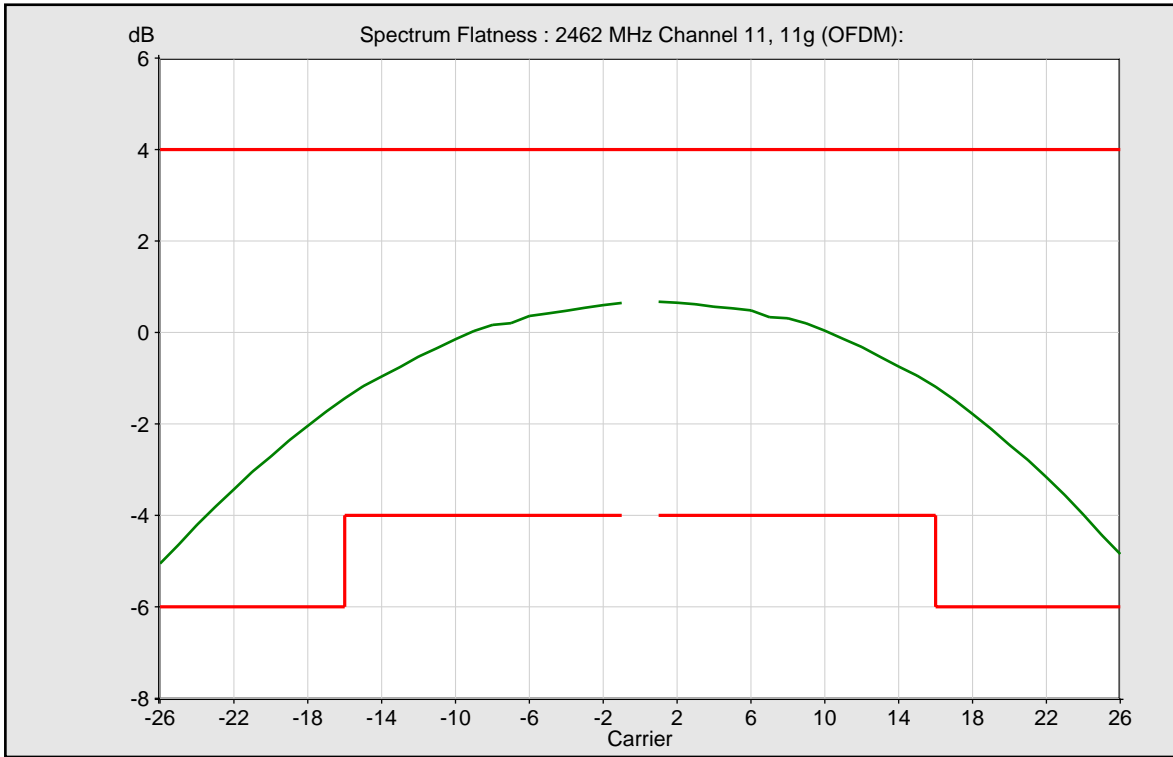


— Average

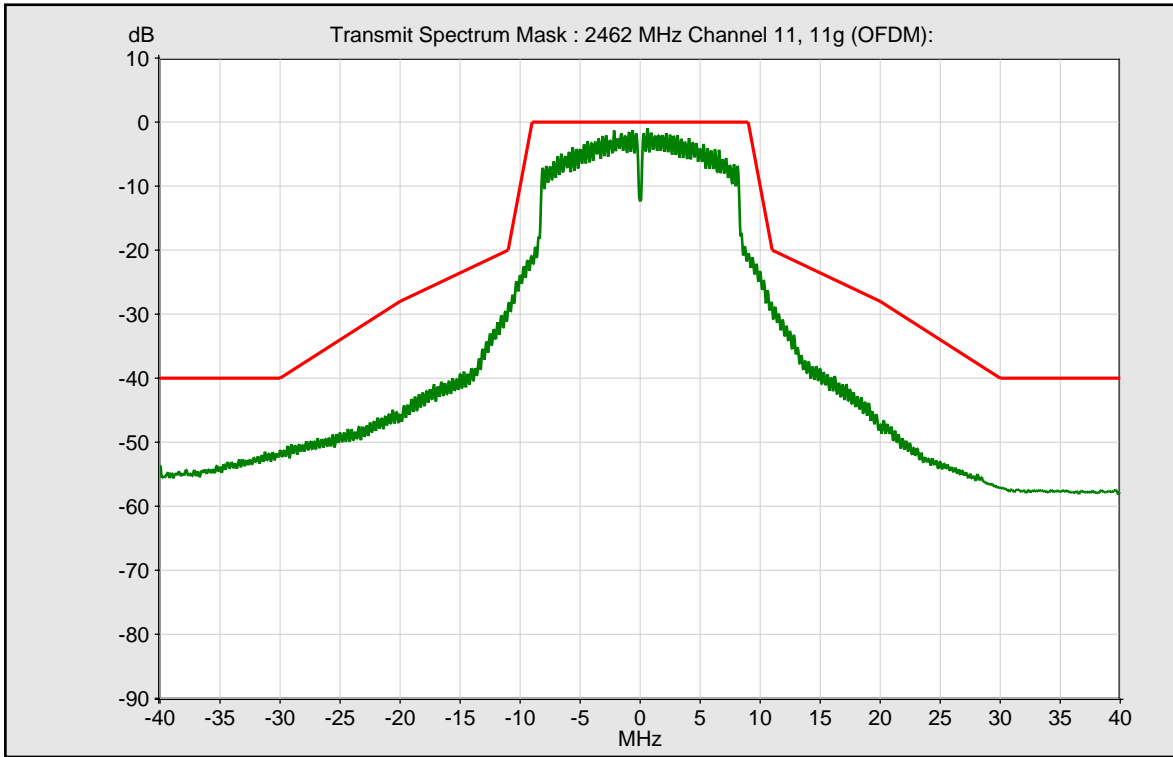


— Average

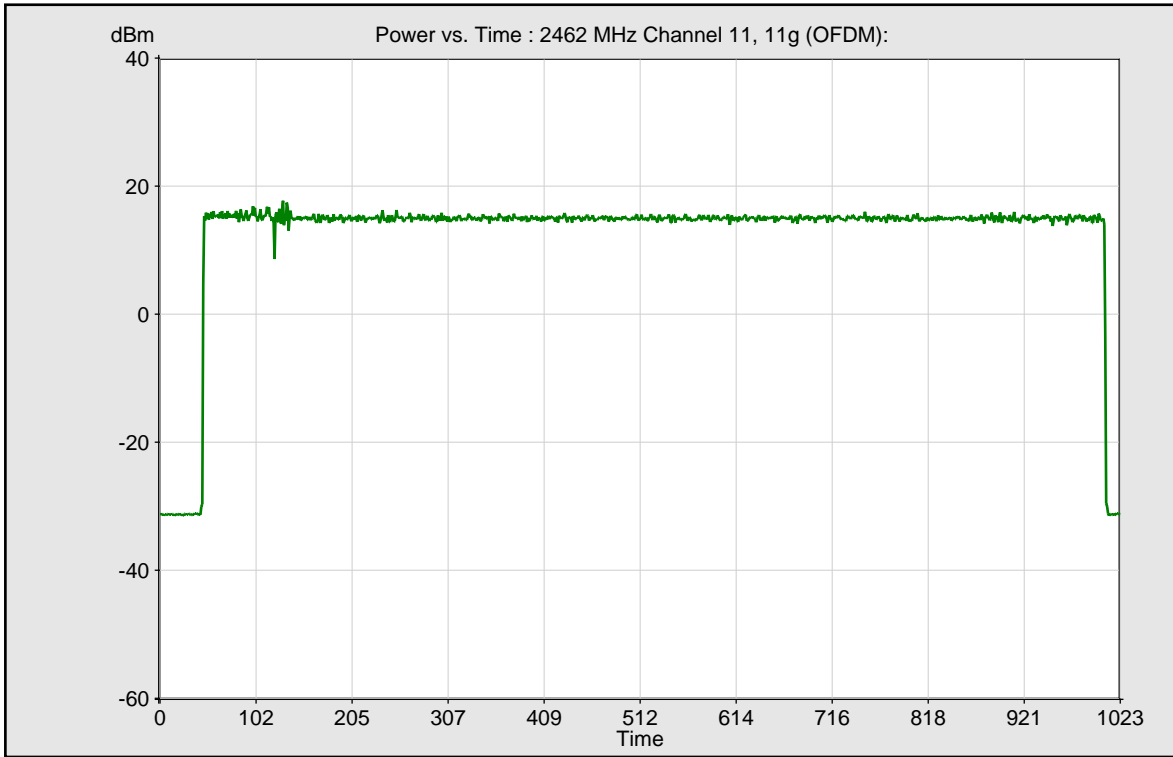




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

```
calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 cc33xx_plt tune_channel 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

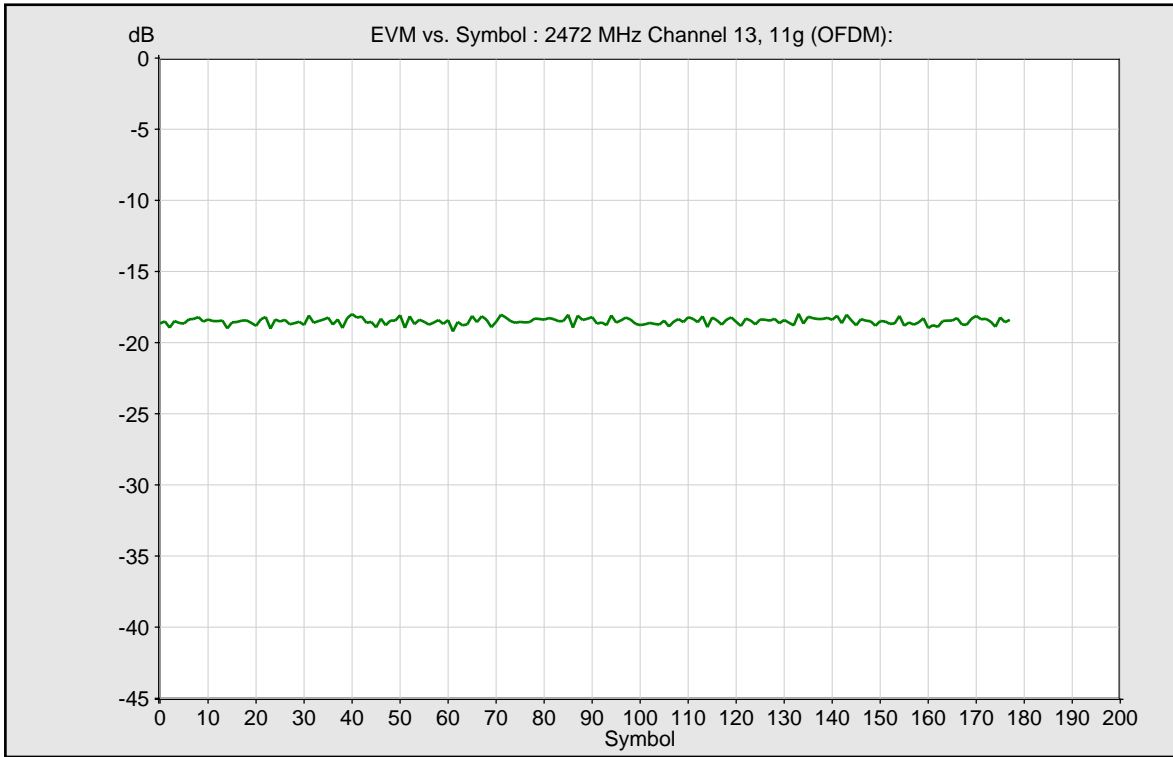
Trigger Source = IF Power

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	16.41	dBm	Passed
EVM All Carriers (Average)		-5	-17.96	dB	Passed
EVM Data Carriers (Average)		-5	-17.86	dB	Passed
EVM Pilot Carriers (Average)		-8	-19.39	dB	Passed
Center Frequency Error (Average)	-60000	60000	20322.07	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.51	ppm	Passed
IQ Offset (Average)		-15	-44.83	dB	Passed
Gain Imbalance (Average)	-140	0	0.13	dB	Passed
Quadrature Error (Average)	-180	180	-0.05	deg	Passed

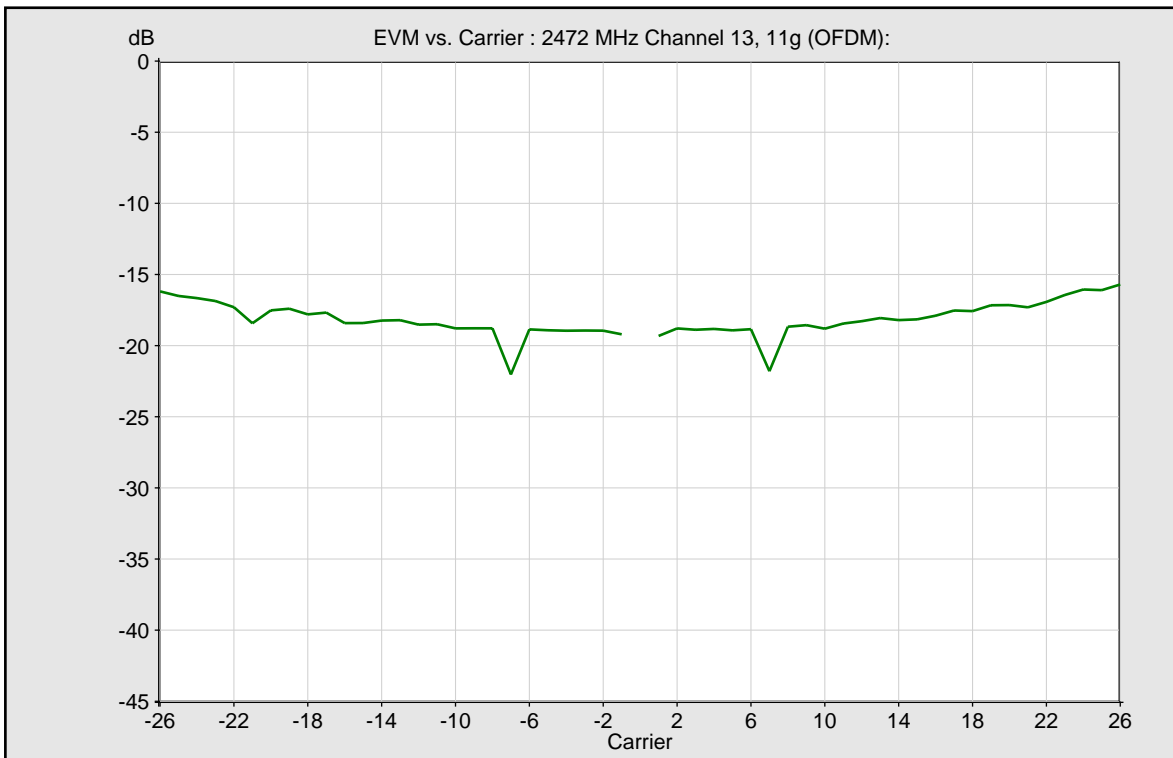
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.09	dB	Passed
Lower Margin Left Side (Average)	-6		-0.81	dB	Passed
Lower Margin Left Center (Average)	-4		-2.83	dB	Passed
Lower Margin Right Center (Average)	-4		-2.50	dB	Passed
Lower Margin Right Side (Average)	-6		-0.07	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-10.86	dB	Passed
Margin BC (Average)		0.00	-10.86	dB	Passed
Margin CD (Average)		0.00	-14.21	dB	Passed
Margin DE (Average)		0.00	-12.99	dB	Passed
Margin ED (Average)		0.00	-13.02	dB	Passed

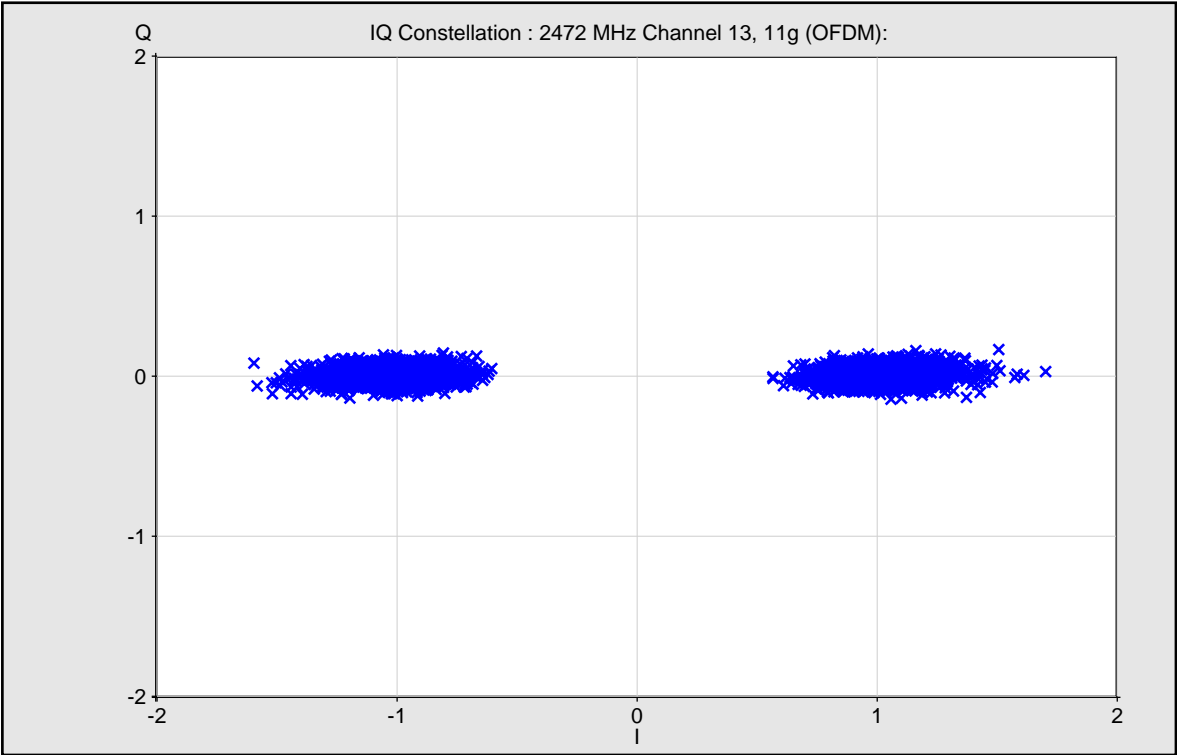
Margin DC (Average)		0.00	-13.15	dB	Passed
Margin CB (Average)		0.00	-17.47	dB	Passed
Margin BA (Average)		0.00	-17.36	dB	Passed
Occupied Bandwidth (Average)			16.31	MHz	

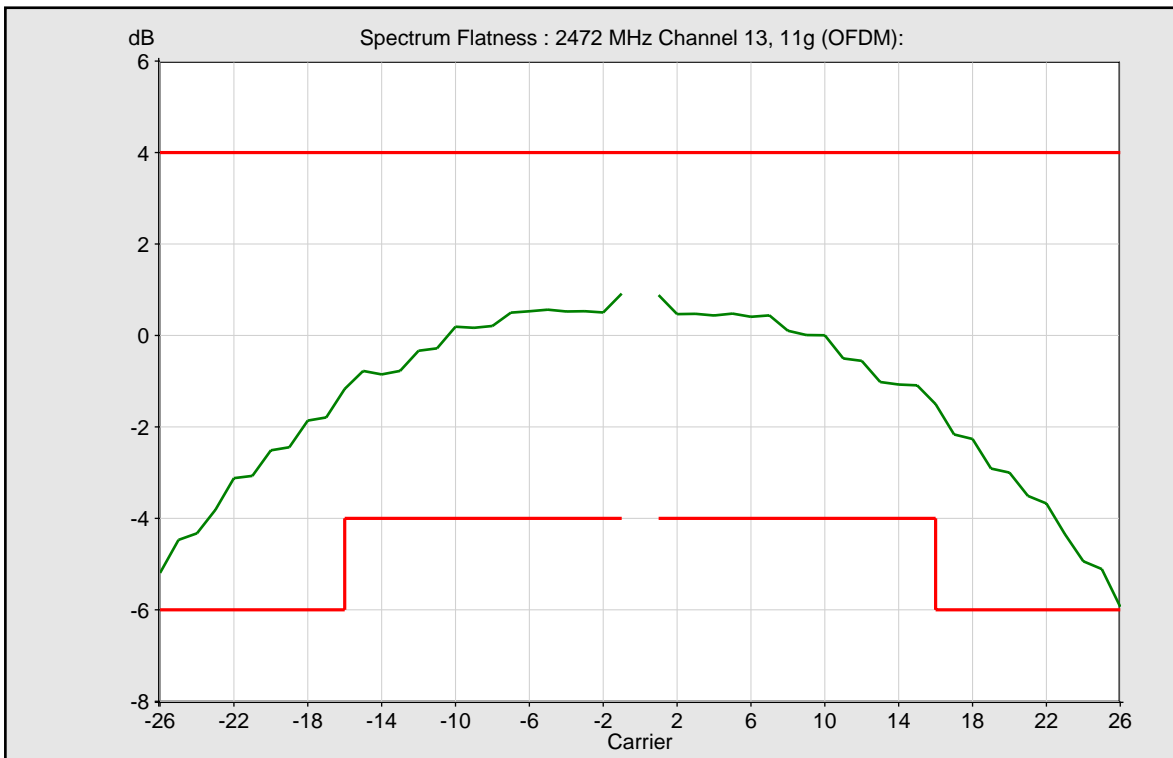


— Average

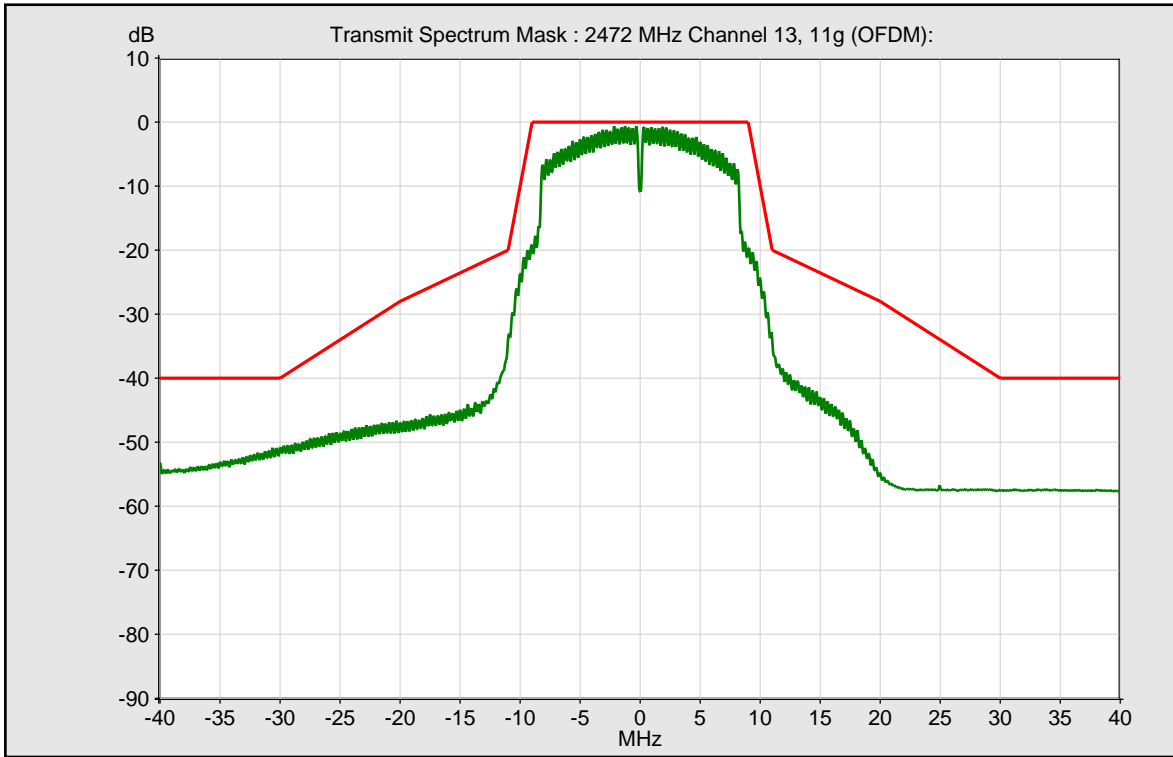


— Average

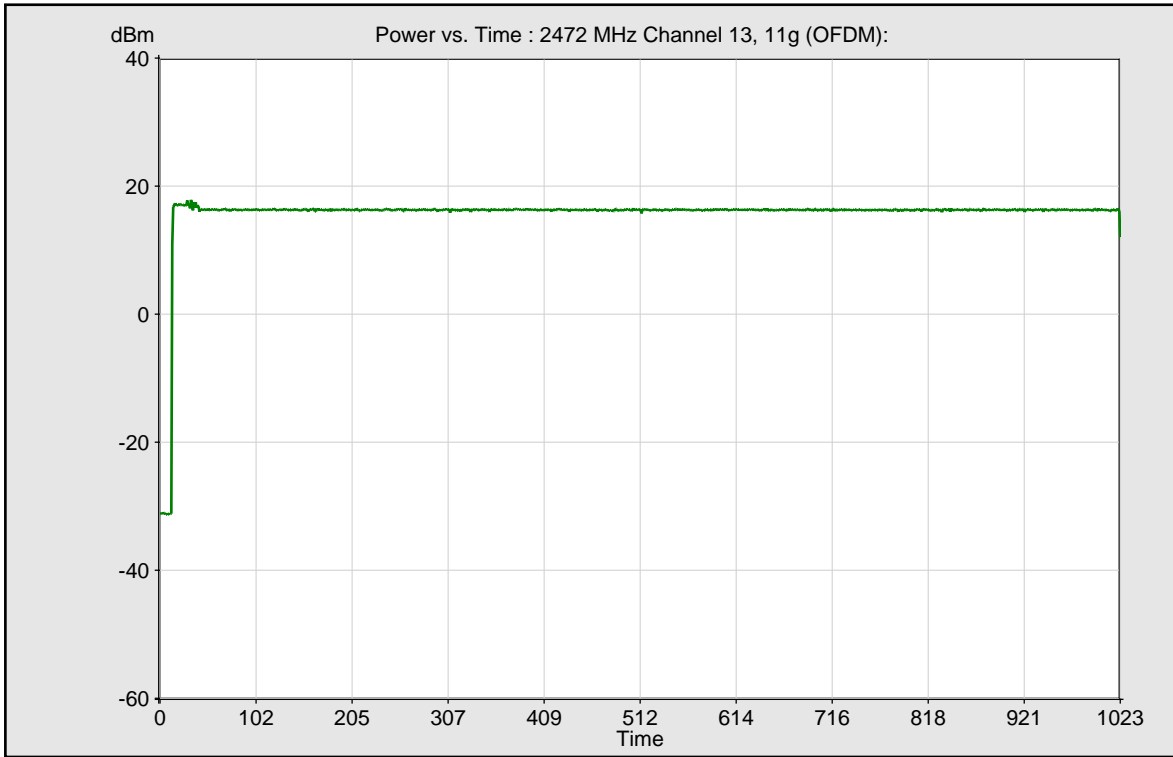




— Limit_Line
— Average



— 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

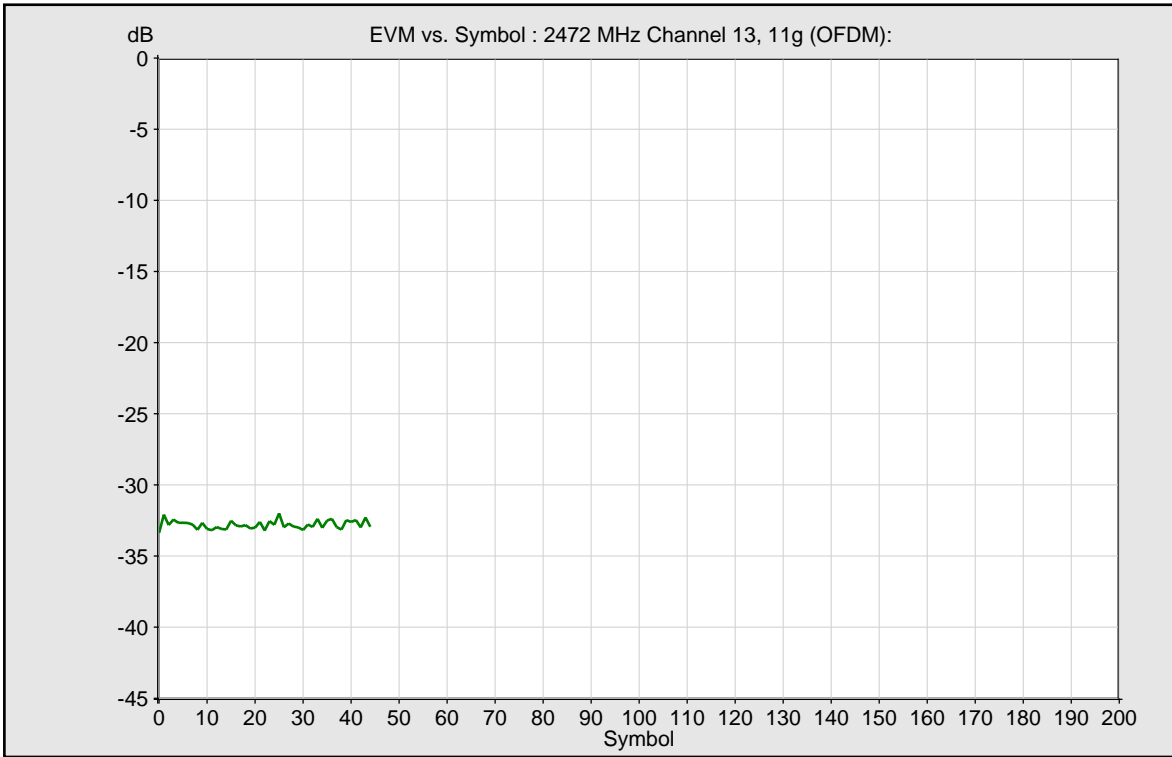
Trigger Source = IF Power

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	15.31	dBm	Passed
EVM All Carriers (Average)		-16	-31.99	dB	Passed
EVM Data Carriers (Average)		-16	-31.85	dB	Passed
EVM Pilot Carriers (Average)		-8	-33.97	dB	Passed
Center Frequency Error (Average)	-60000	60000	20589.84	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.23	ppm	Passed
IQ Offset (Average)		-15	-45.51	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	-0.01	deg	Passed

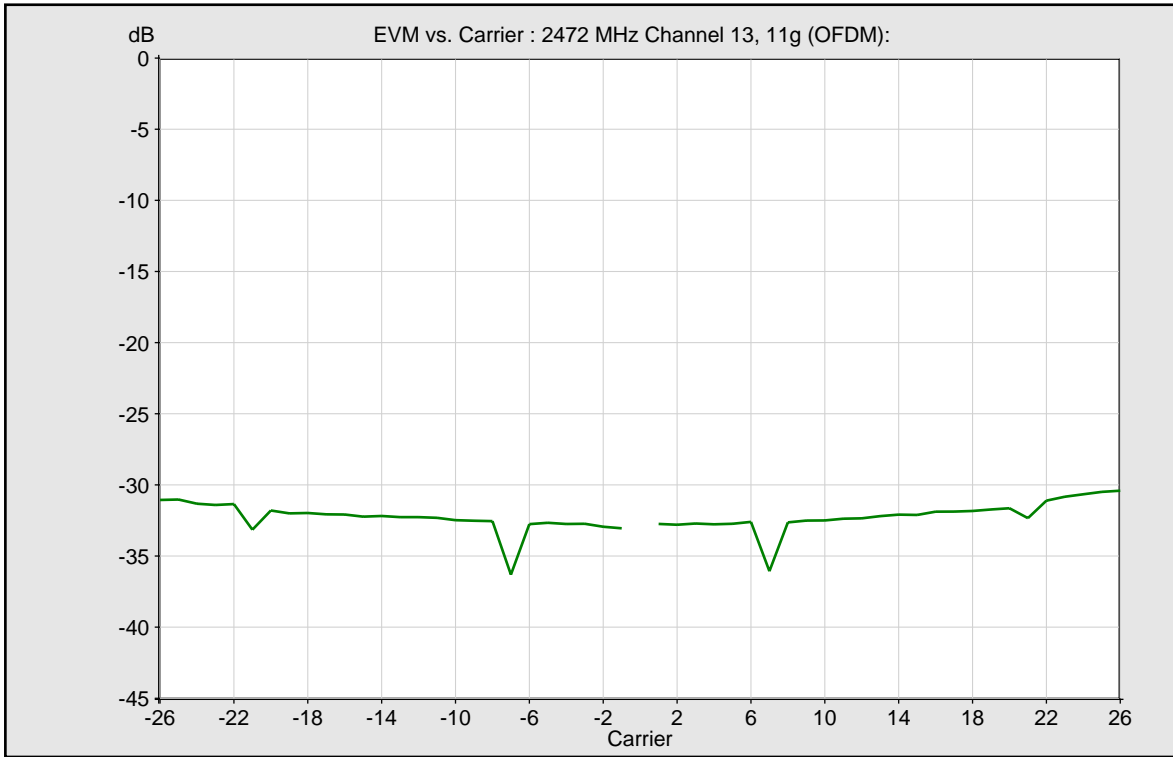
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.26	dB	Passed
Lower Margin Left Side (Average)	-6		-0.94	dB	Passed
Lower Margin Left Center (Average)	-4		-2.70	dB	Passed
Lower Margin Right Center (Average)	-4		-2.41	dB	Passed
Lower Margin Right Side (Average)	-6		-0.30	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-11.25	dB	Passed
Margin BC (Average)		0.00	-11.25	dB	Passed
Margin CD (Average)		0.00	-9.69	dB	Passed
Margin DE (Average)		0.00	-8.98	dB	Passed
Margin ED (Average)		0.00	-9.59	dB	Passed

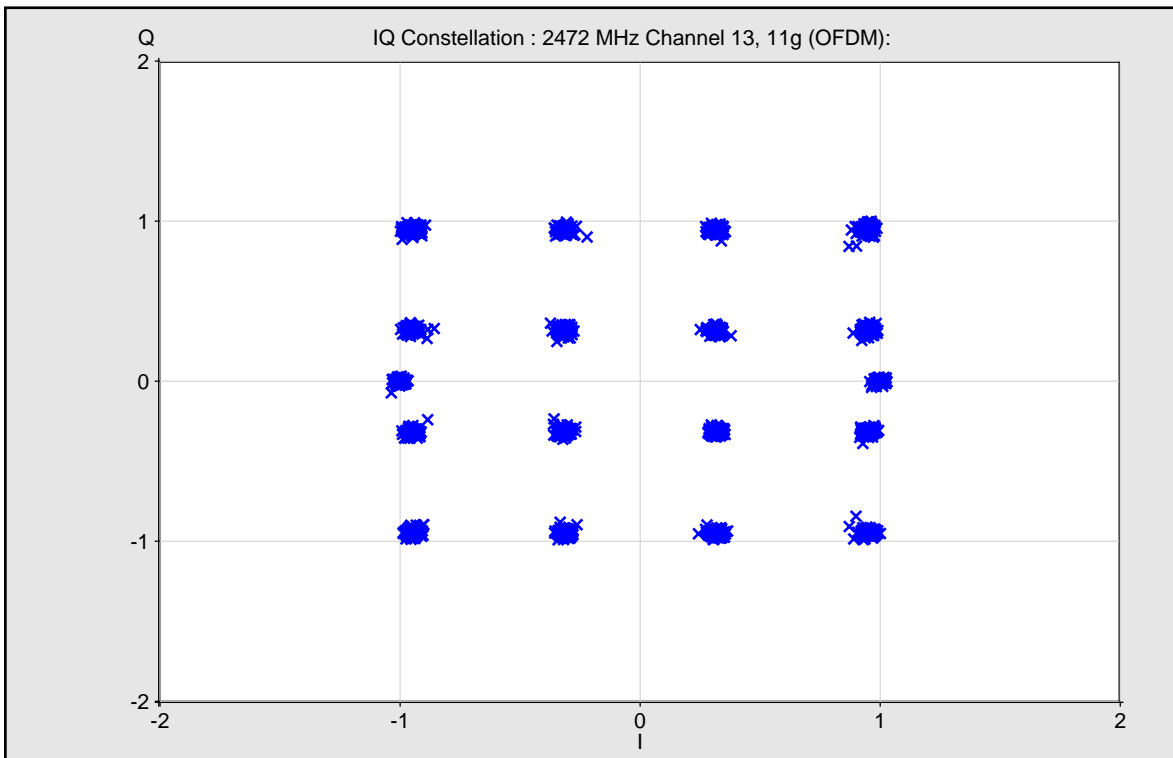
Margin DC (Average)		0.00	-9.59	dB	Passed
Margin CB (Average)		0.00	-17.55	dB	Passed
Margin BA (Average)		0.00	-17.34	dB	Passed
Occupied Bandwidth (Average)			16.34	MHz	

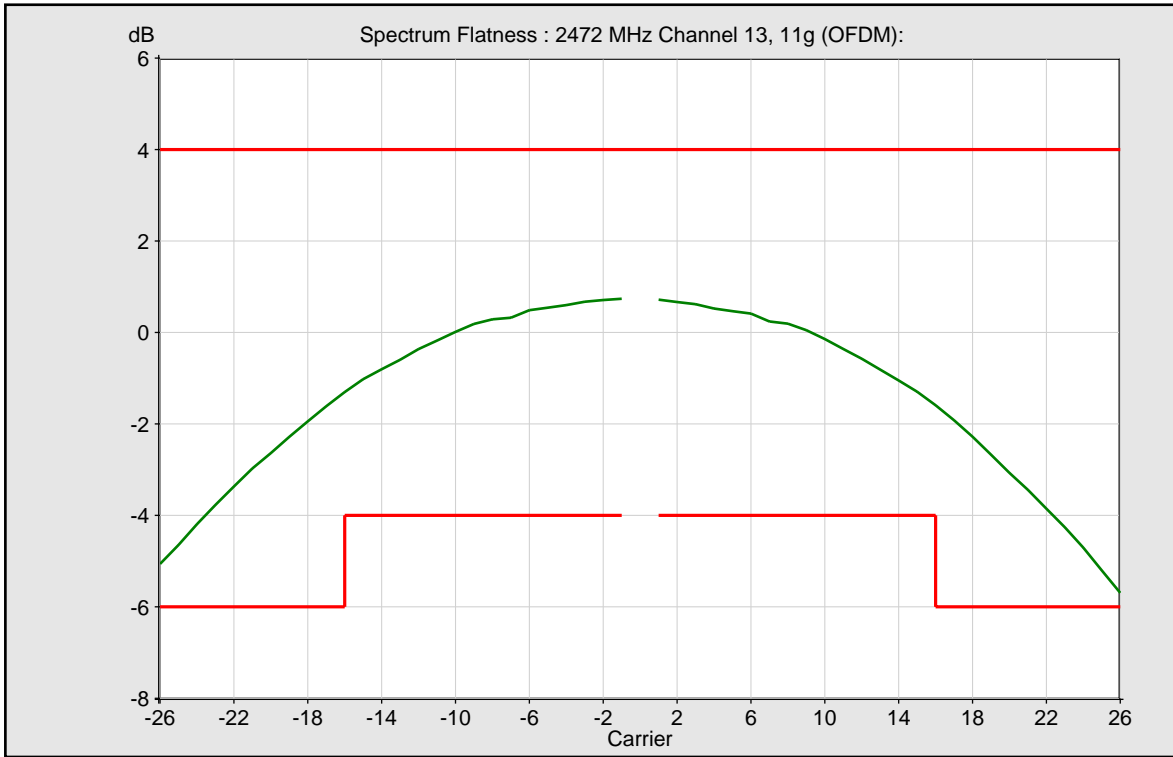


— Average

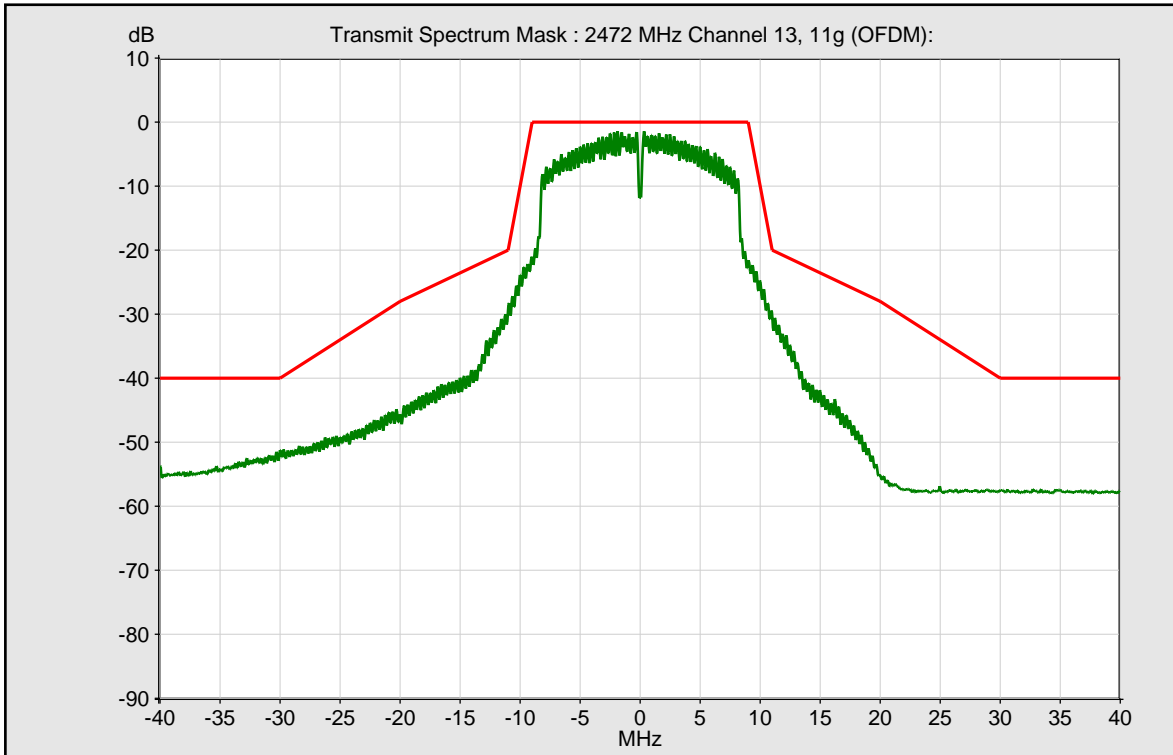


— Average

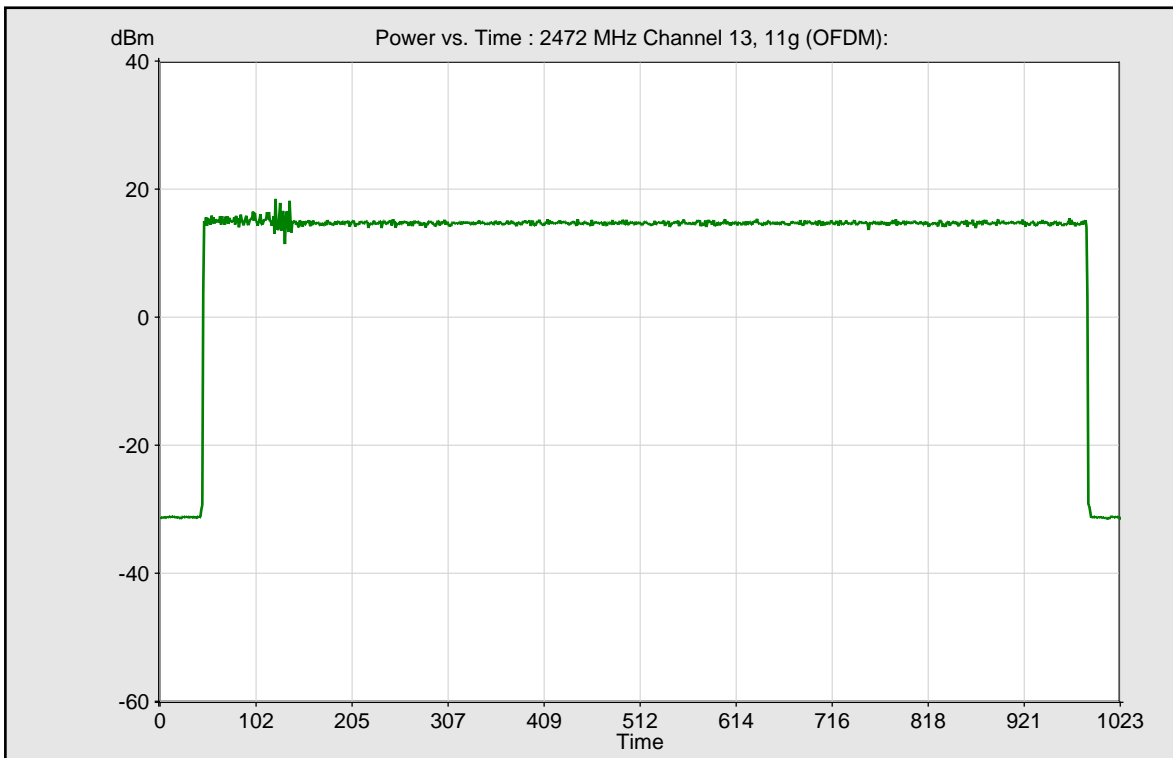




— Limit_Line
— Average



— 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

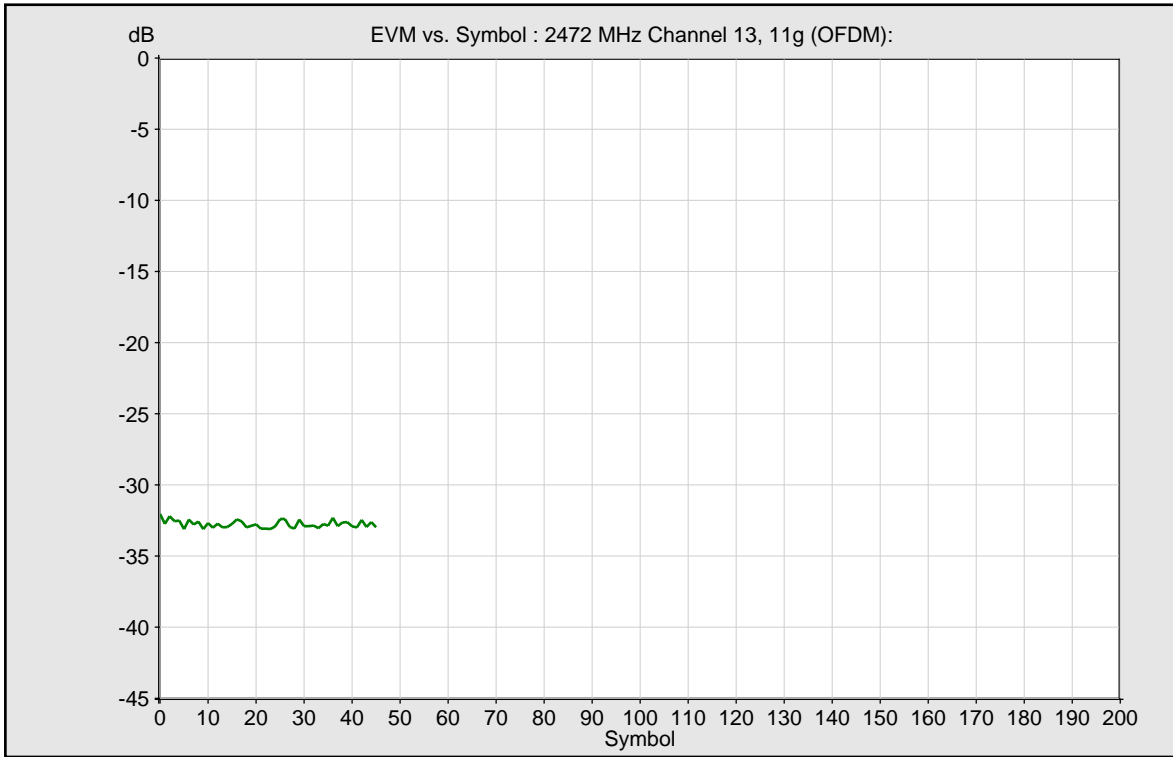
Trigger Source = IF Power

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	15.59	dBm	Passed
EVM All Carriers (Average)		-25	-31.99	dB	Passed
EVM Data Carriers (Average)		-25	-31.85	dB	Passed
EVM Pilot Carriers (Average)		-8	-33.99	dB	Passed
Center Frequency Error (Average)	-60000	60000	21430.22	Hz	Passed
Symbol Clock Error (Average)	-25	25	8.74	ppm	Passed
IQ Offset (Average)		-15	-46.83	dB	Passed
Gain Imbalance (Average)	-140	0	0.10	dB	Passed
Quadrature Error (Average)	-180	180	0.02	deg	Passed

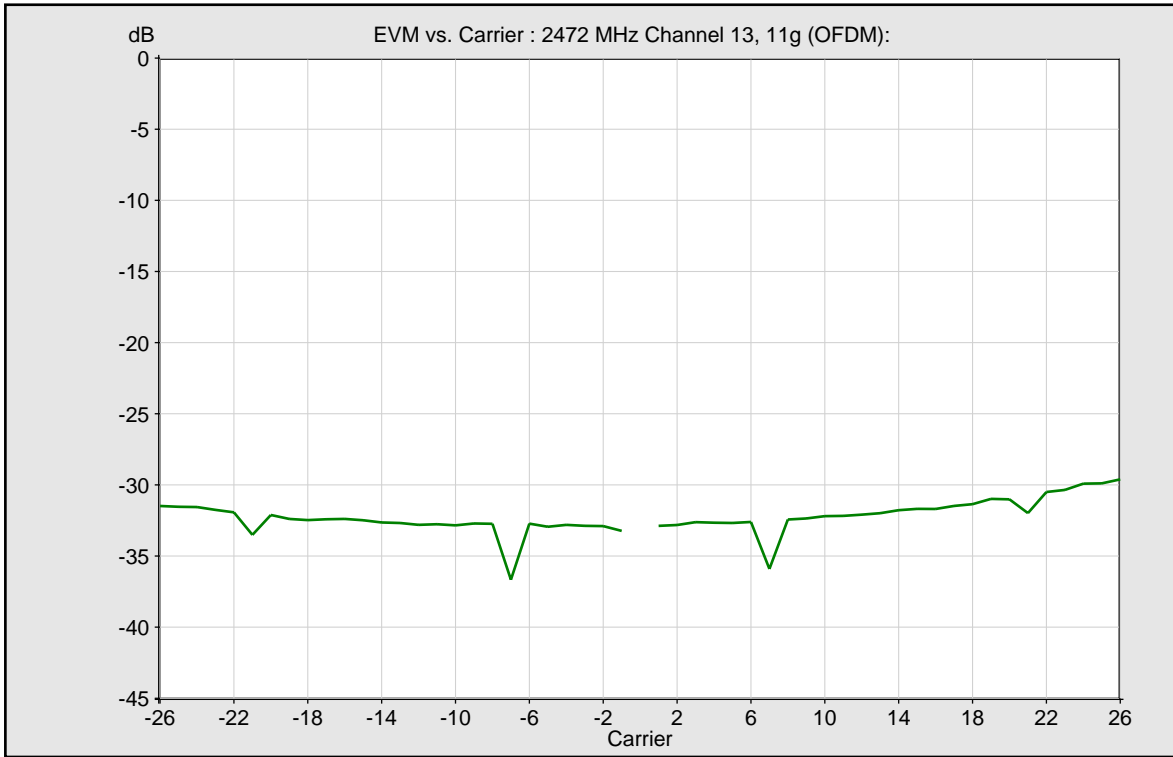
TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Spectrum Flatness (Measured value is the delta to lower/upper limit, must be negative)					
Upper Margin (Average)		4	-3.27	dB	Passed
Lower Margin Left Side (Average)	-6		-0.92	dB	Passed
Lower Margin Left Center (Average)	-4		-2.68	dB	Passed
Lower Margin Right Center (Average)	-4		-2.42	dB	Passed
Lower Margin Right Side (Average)	-6		-0.35	dB	Passed

TX Measurement	Lower Limit	Upper Limit	Measured	Unit	Status
Transmit Spectrum Mask					
Margin AB (Average)		0.00	-11.35	dB	Passed
Margin BC (Average)		0.00	-11.32	dB	Passed
Margin CD (Average)		0.00	-9.48	dB	Passed
Margin DE (Average)		0.00	-9.22	dB	Passed
Margin ED (Average)		0.00	-9.37	dB	Passed

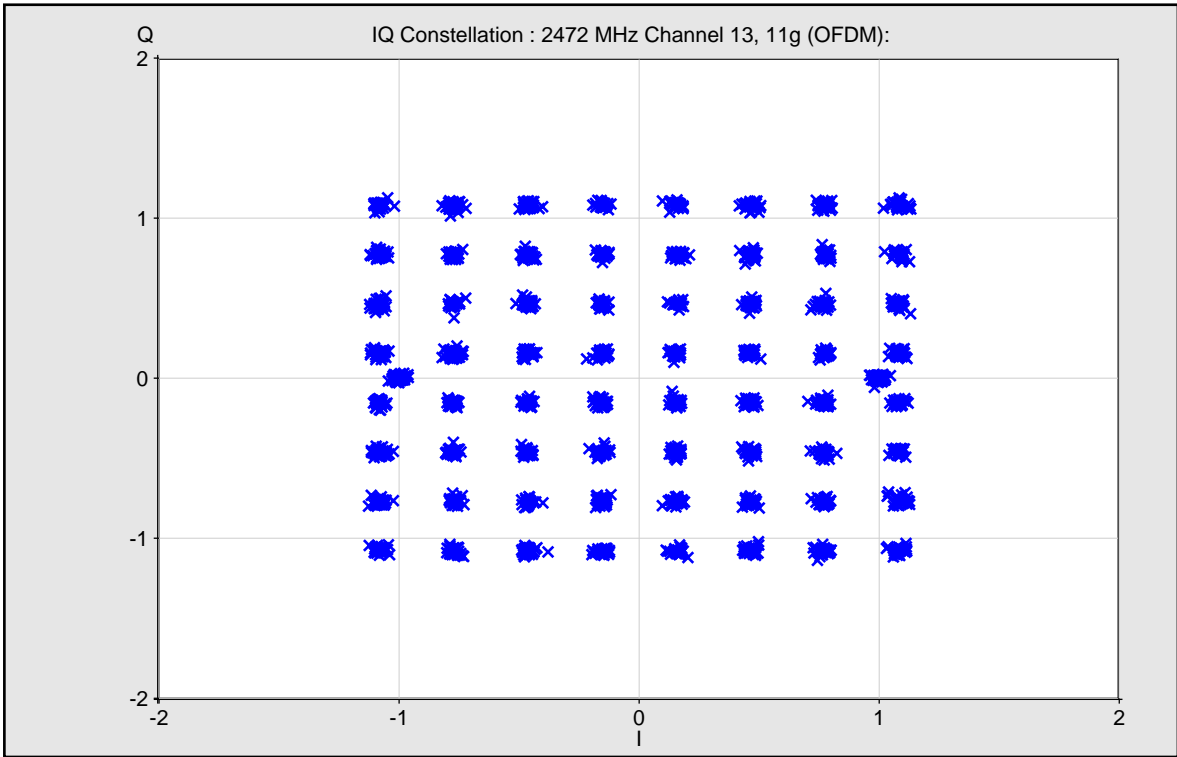
Margin DC (Average)		0.00	-9.37	dB	Passed
Margin CB (Average)		0.00	-17.91	dB	Passed
Margin BA (Average)		0.00	-17.63	dB	Passed
Occupied Bandwidth (Average)			16.33	MHz	

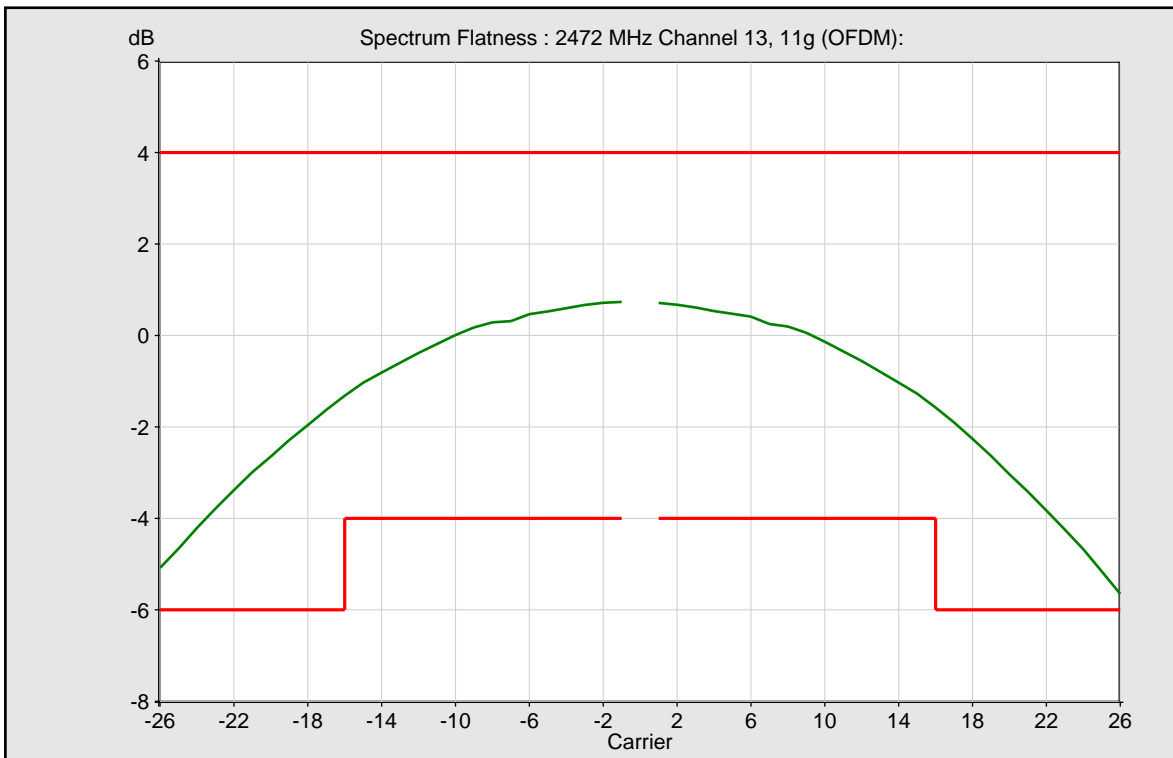


— Average

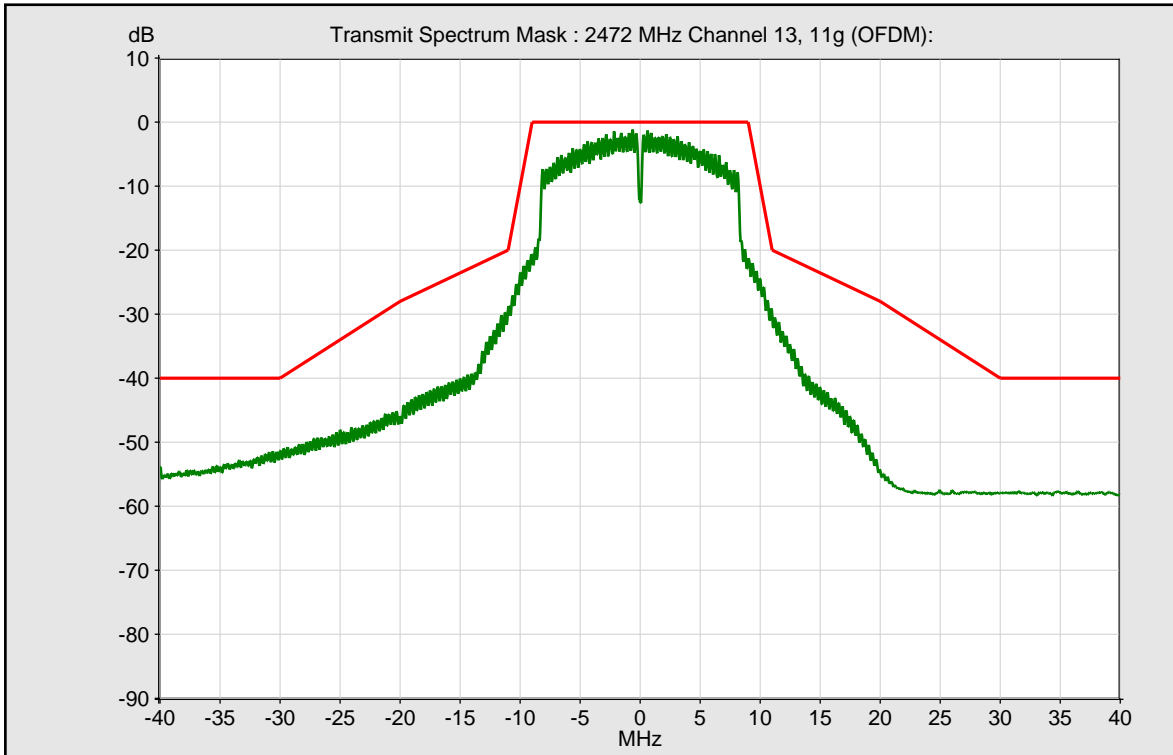


— Average

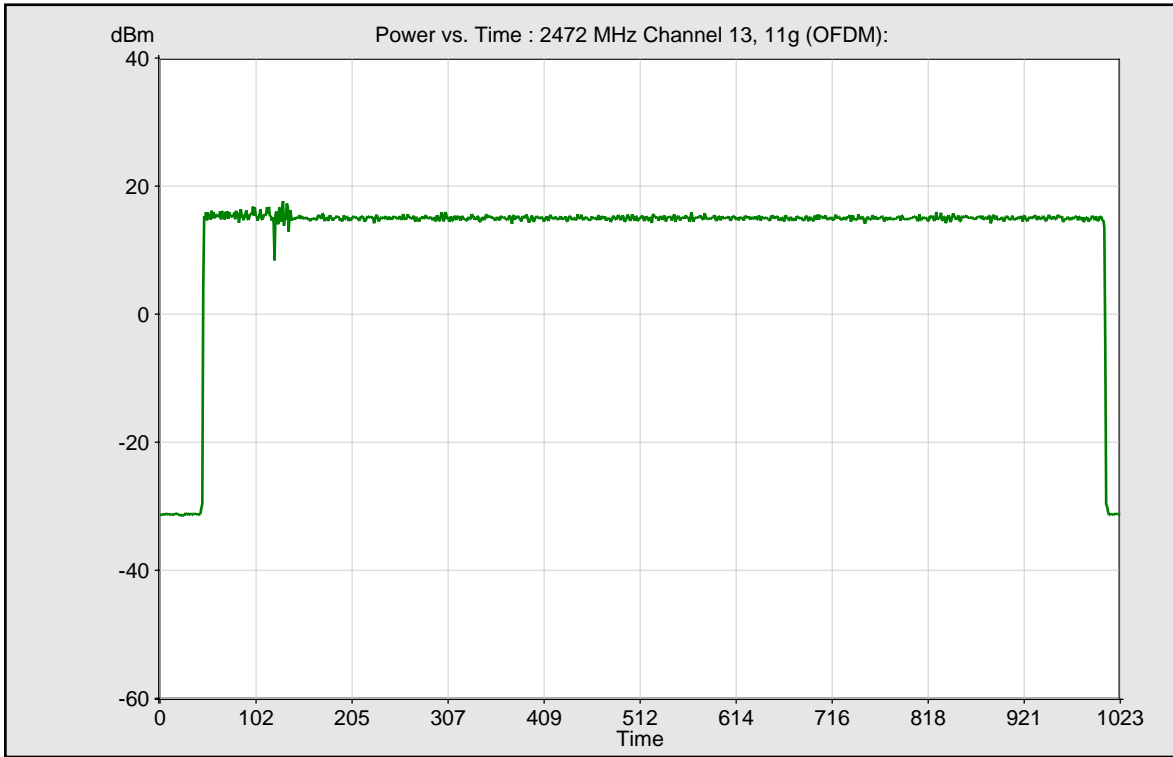




— Limit_Line
— Average



— Limit_Line
— Average



— Average

Serial Command: Send

calibrator wlan0 cc33xx_plt stop_tx
calibrator wlan0 plt power_mode off

Serial Close Port: Close