



Radiated Emission Measurement

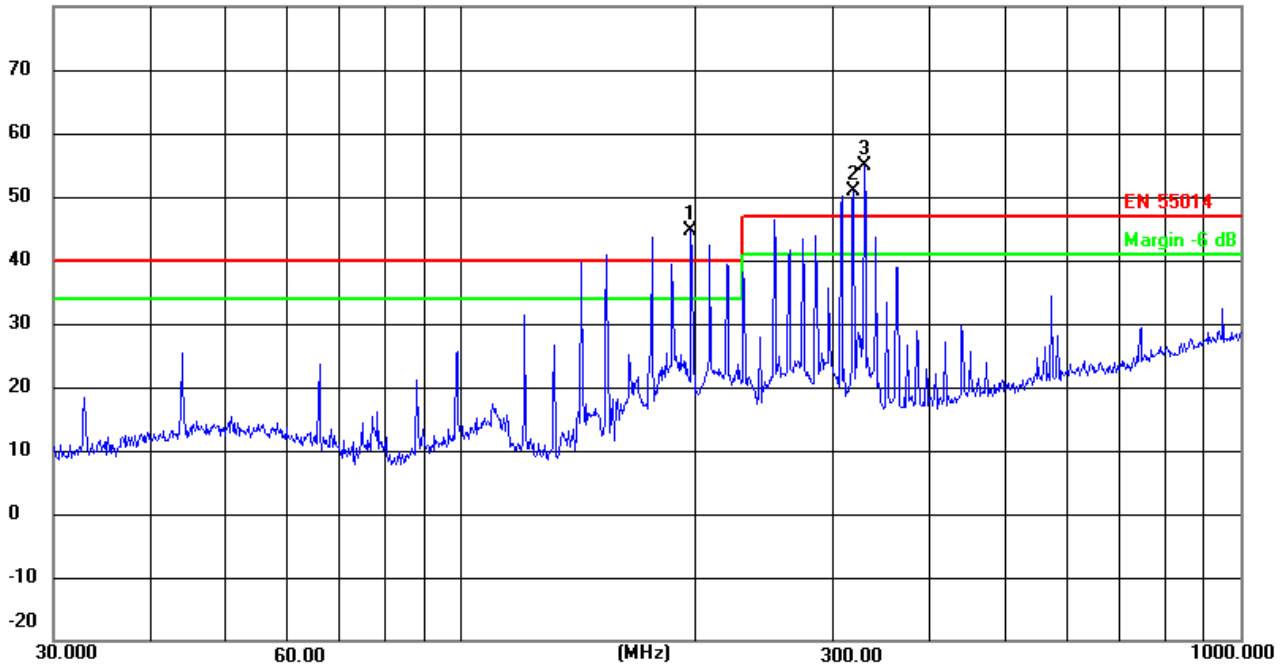
File : 优能拓

Data : #115

Date: 2024/11/18

Time: 17:03:55

80.0 dBuV/m



Site 966 Chamber

Polarization: **Horizontal**

Temperature: 24.5(C)

Limit: EN 55014

Power: AC230V/50Hz

Humidity: 53 %

EUT: HW50 Water system pullout sensor

Distance: 3m

M/N:

Mode: 工作

Note: A1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	Comment
1	X	197.2001	59.82	-15.27	44.55	40.00	4.55	100	0	peak
2	X	318.8170	62.46	-11.51	50.95	47.00	3.95	100	0	peak
3	*	329.0390	66.07	-11.20	54.87	47.00	7.87	100	0	peak

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1

Spectrum Analyzer: ESRP

Antenna: VULB 9162(23.11.06 Jack)

Engineer Signature:

Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

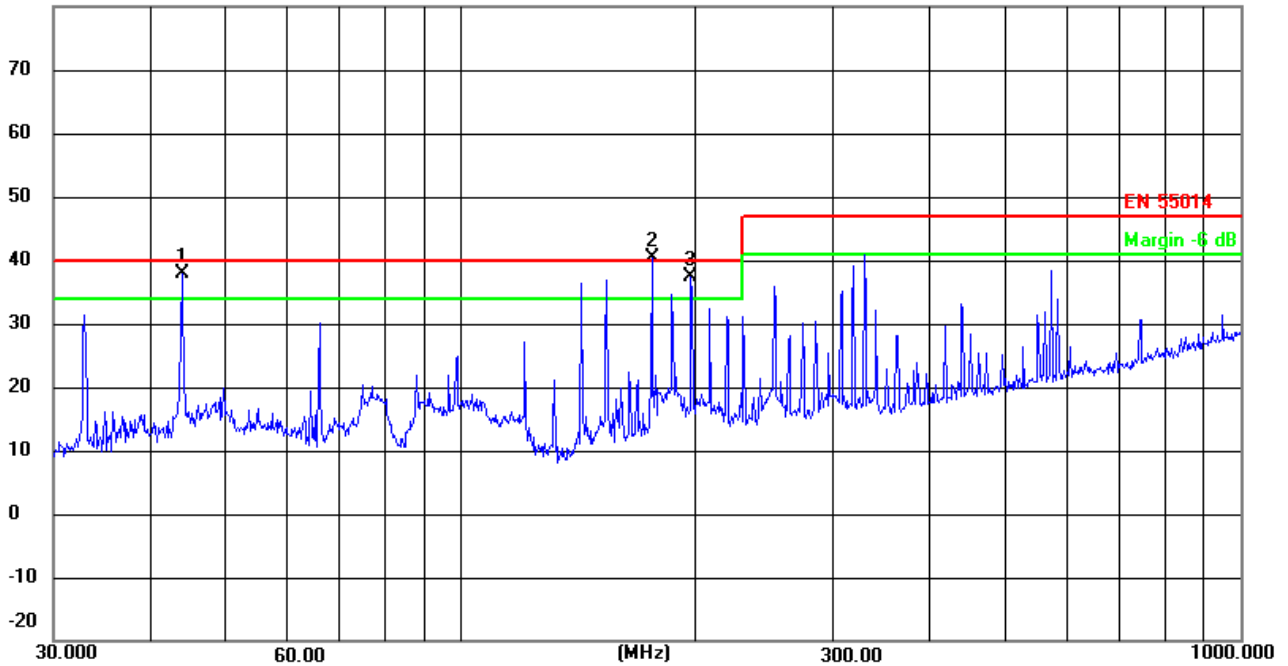
File : 优能拓

Data : #116

Date: 2024/11/18

Time: 17:04:59

80.0 dBuV/m



Site 966 Chamber

Polarization: **Vertical**

Temperature: 24.5(C)

Limit: EN 55014

Power: AC230V/50Hz

Humidity: 53 %

EUT: HW50 Water system pullout sensor

Distance: 3m

M/N:

Mode: 工作

Note: A1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	Comment
1	!	43.8119	51.11	-13.25	37.86	40.00	-2.14	100	360	peak
2	*	175.6516	57.11	-16.68	40.43	40.00	0.43	100	360	peak
3	!	197.2001	52.77	-15.27	37.50	40.00	-2.50	100	360	peak

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1

Spectrum Analyzer: ESRP

Antenna: VULB 9162(23.11.06 Jack)

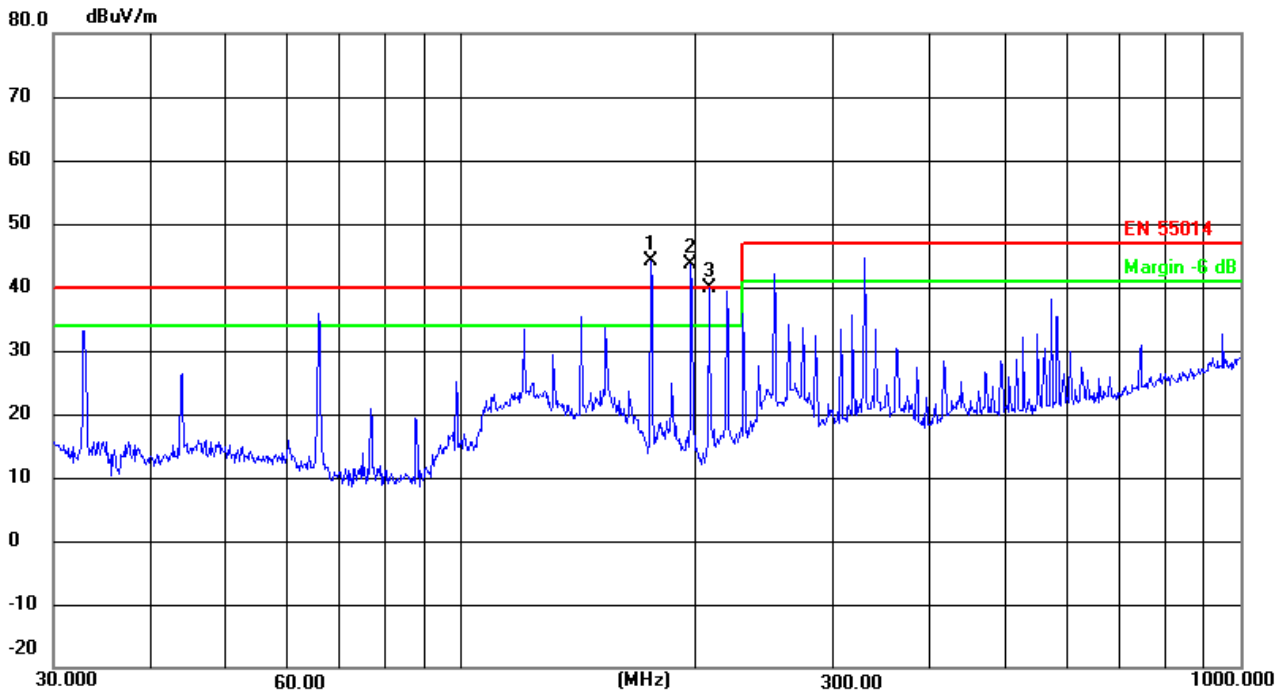
Engineer Signature:

Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

File : 优能拓 Data : #117 Date: 2024/11/18 Time: 17:11:29



Site 966 Chamber

Polarization: **Vertical**

Temperature: 24.5(C)

Limit: EN 55014

Power: AC230V/50Hz

Humidity: 53 %

EUT: HW40 Water system pullout sensor

Distance: 3m

M/N:

Mode: 工作

Note: A1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	
1	*	175.0368	60.88	-16.80	44.08	40.00	4.08	peak	100	360
2	X	197.2001	58.83	-15.27	43.56	40.00	3.56	peak	100	360
3	!	207.8501	54.49	-14.60	39.89	40.00	-0.11	peak	100	360

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1

Spectrum Analyzer: ESRP

Antenna: VULB 9162(23.11.06 Jack)

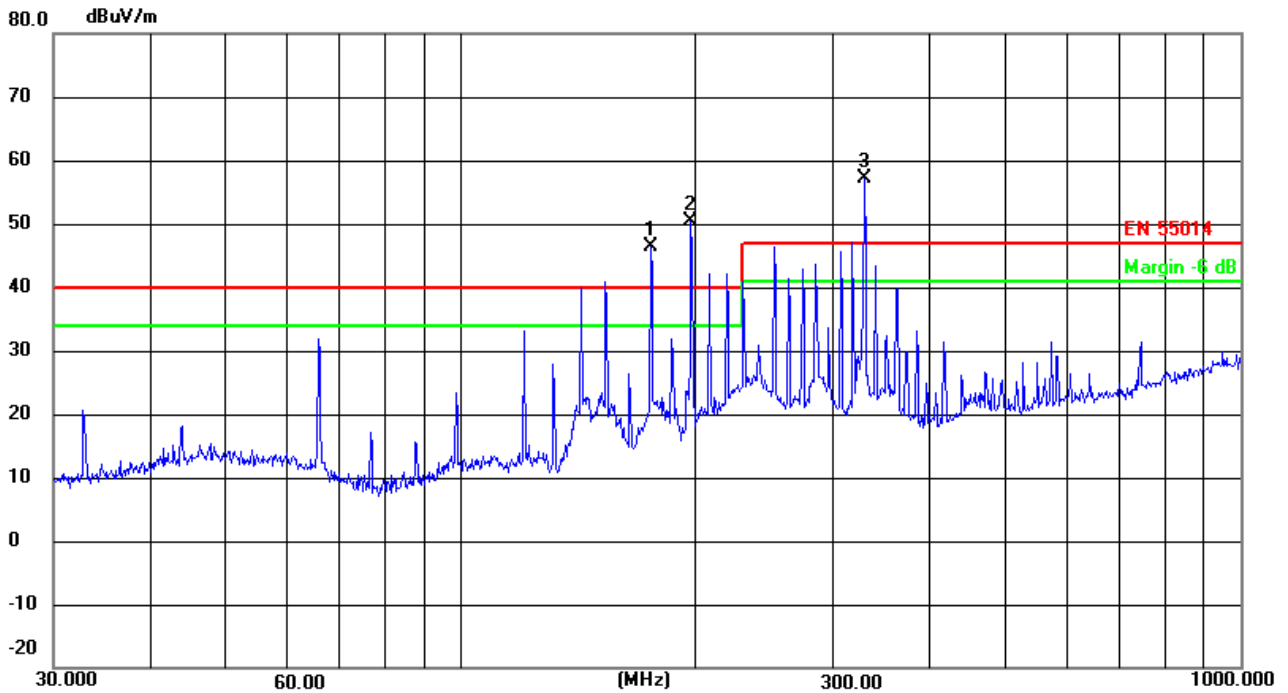
Engineer Signature:

Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

File : 优能拓 Data : #118 Date: 2024/11/18 Time: 17:12:24



Site 966 Chamber

Polarization: **Horizontal**

Temperature: 24.5(C)

Limit: EN 55014

Power: AC230V/50Hz

Humidity: 53 %

EUT: HW40 Water system pullout sensor

Distance: 3m

M/N:

Mode: 工作

Note: A1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	Comment
1	X	175.0368	63.14	-16.80	46.34	40.00	6.34	100	0	peak
2	*	197.2001	65.56	-15.27	50.29	40.00	10.29	100	0	peak
3	X	329.0390	68.29	-11.20	57.09	47.00	10.09	100	0	peak

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1

Spectrum Analyzer: ESRP

Antenna: VULB 9162(23.11.06 Jack)

Engineer Signature:

Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

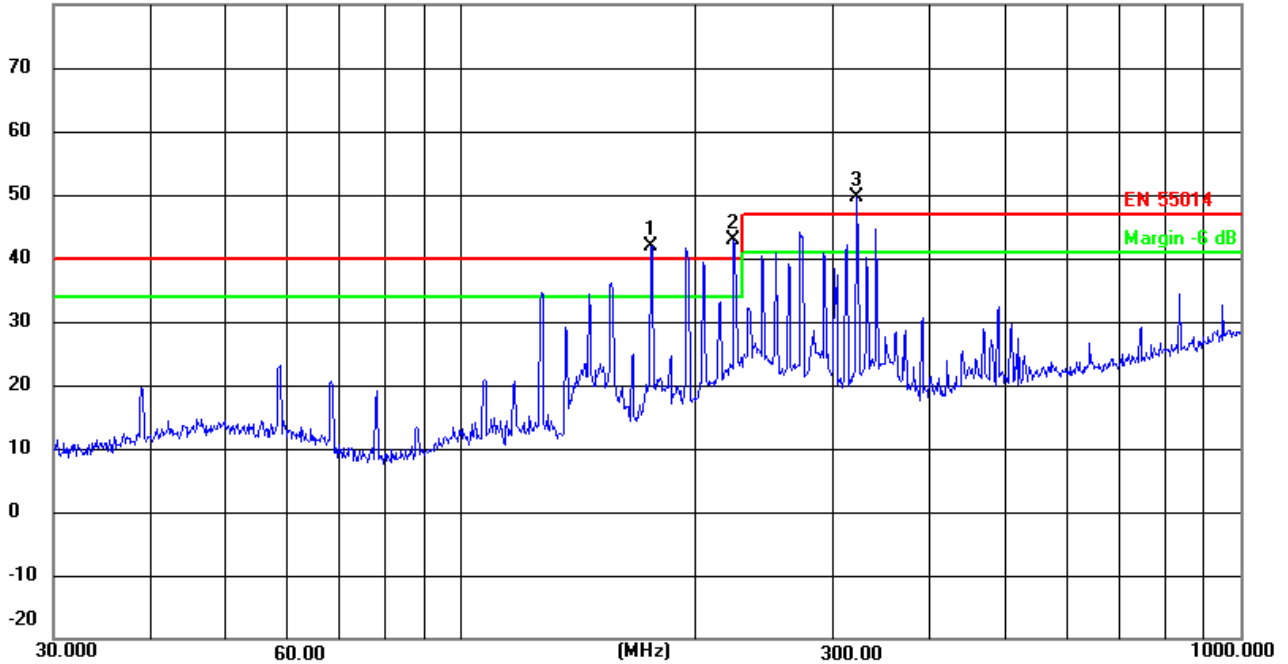
File : 优能拓

Data : #119

Date: 2024/11/18

Time: 17:26:11

80.0 dBuV/m



Site 966 Chamber

Polarization: **Horizontal**

Temperature: 24.5(C)

Limit: EN 55014

Power: AC230V/50Hz

Humidity: 53 %

EUT: HW40 Water system pullout sensor

Distance: 3m

M/N:

Mode: 工作

Note: A3

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	Comment
1	X	175.0368	58.80	-16.80	42.00	40.00	2.00	100	360	peak
2	*	223.7334	56.90	-14.07	42.83	40.00	2.83	100	360	peak
3	X	321.0608	61.16	-11.55	49.61	47.00	2.61	100	360	peak

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1

Spectrum Analyzer: ESRP

Antenna: VULB 9162(23.11.06 Jack)

Engineer Signature:

Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

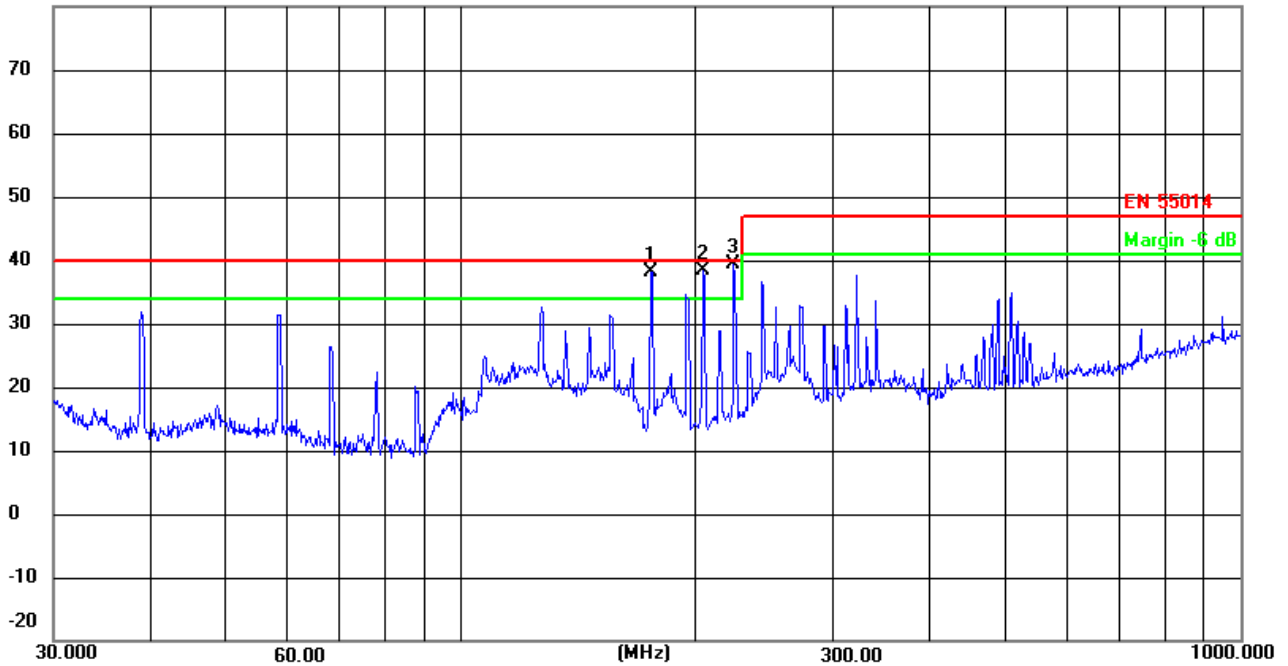
File : 优能拓

Data : #120

Date: 2024/11/18

Time: 17:27:10

80.0 dBuV/m



Site 966 Chamber

Polarization: **Vertical**

Temperature: 24.5(C)

Limit: EN 55014

Power: AC230V/50Hz

Humidity: 53 %

EUT: HW40 Water system pullout sensor

Distance: 3m

M/N:

Mode: 工作

Note: A3

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	Comment
1	!	175.0368	54.83	-16.80	38.03	40.00	-1.97	100	0	peak
2	!	204.2377	53.27	-14.88	38.39	40.00	-1.61	100	0	peak
3	*	223.7334	53.35	-14.07	39.28	40.00	-0.72	100	0	peak

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1

Spectrum Analyzer: ESRP

Antenna: VULB 9162(23.11.06 Jack)

Engineer Signature:

Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

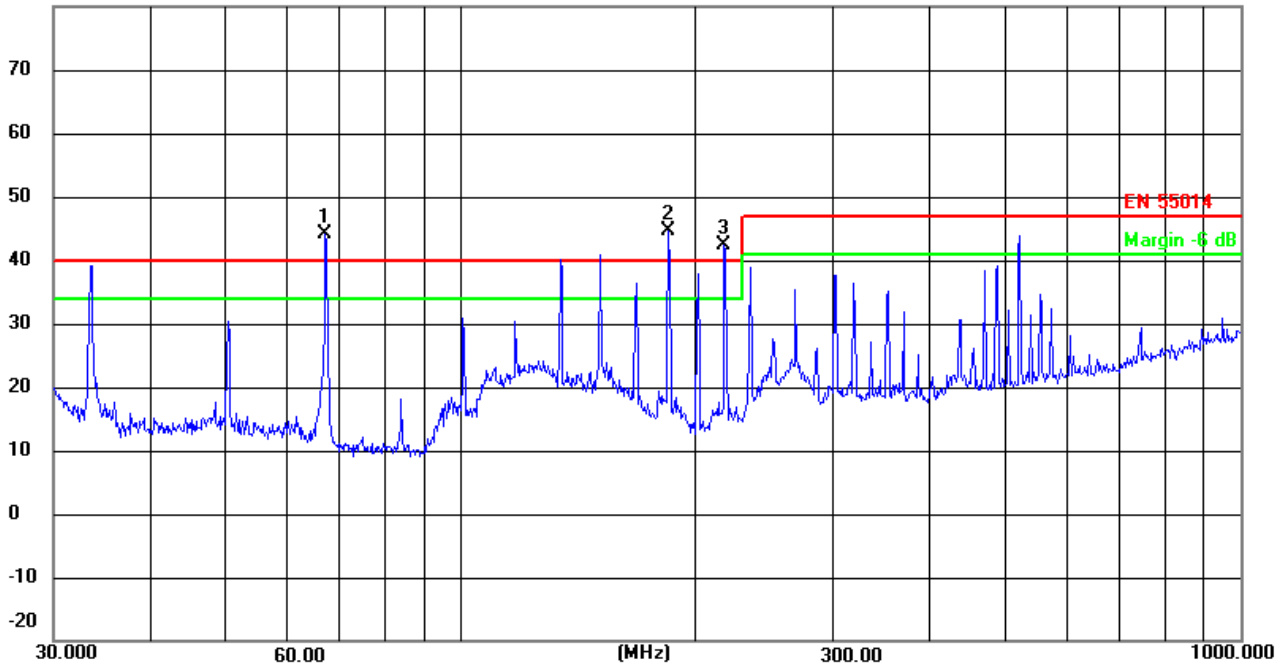
File : 优能拓

Data : #121

Date: 2024/11/18

Time: 17:33:30

80.0 dBuV/m



Site 966 Chamber

Polarization: **Vertical**

Temperature: 24.5(C)

Limit: EN 55014

Power: AC230V/50Hz

Humidity: 53 %

EUT: HW40 Water system pullout sensor

Distance: 3m

M/N:

Mode: 工作

Note: B1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	Comment
1	X	66.9669	59.61	-15.49	44.12	40.00	4.12	peak	100	360
2	*	184.4898	60.80	-16.21	44.59	40.00	4.59	peak	100	360
3	X	217.5443	56.70	-14.23	42.47	40.00	2.47	peak	100	360

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1

Spectrum Analyzer: ESRP

Antenna: VULB 9162(23.11.06 Jack)

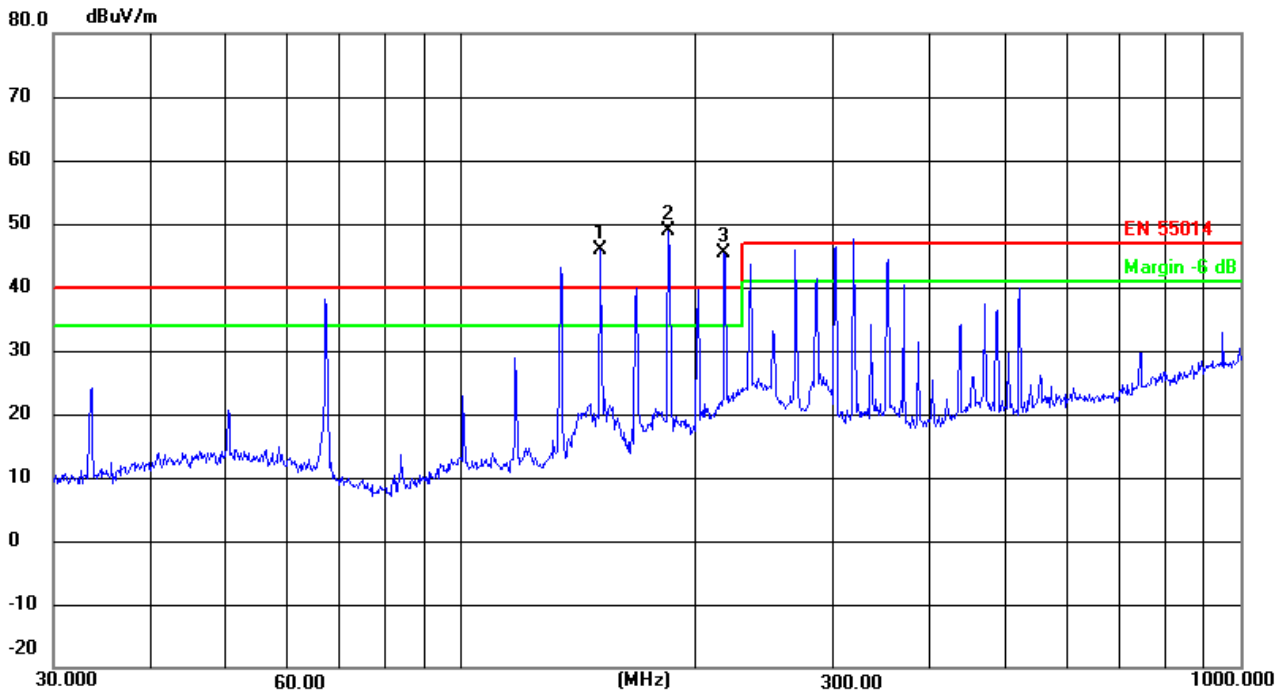
Engineer Signature:

Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

File : 优能拓 Data : #122 Date: 2024/11/18 Time: 17:34:24



Site 966 Chamber
 Limit: EN 55014
 EUT: HW40 Water system pullout sensor
 M/N:
 Mode: 工作
 Note: B1

Polarization: **Horizontal** Temperature: 24.5(C)
 Power: AC230V/50Hz Humidity: 53 %
 Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	Comment
1	X	150.5378	64.12	-18.26	45.86	40.00	5.86	peak	100	0
2	*	184.4898	64.99	-16.21	48.78	40.00	8.78	peak	100	0
3	X	217.5443	59.62	-14.23	45.39	40.00	5.39	peak	100	0

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1 Spectrum Analyzer: ESRP
 Antenna: VULB 9162(23.11.06 Jack) Engineer Signature:
 Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

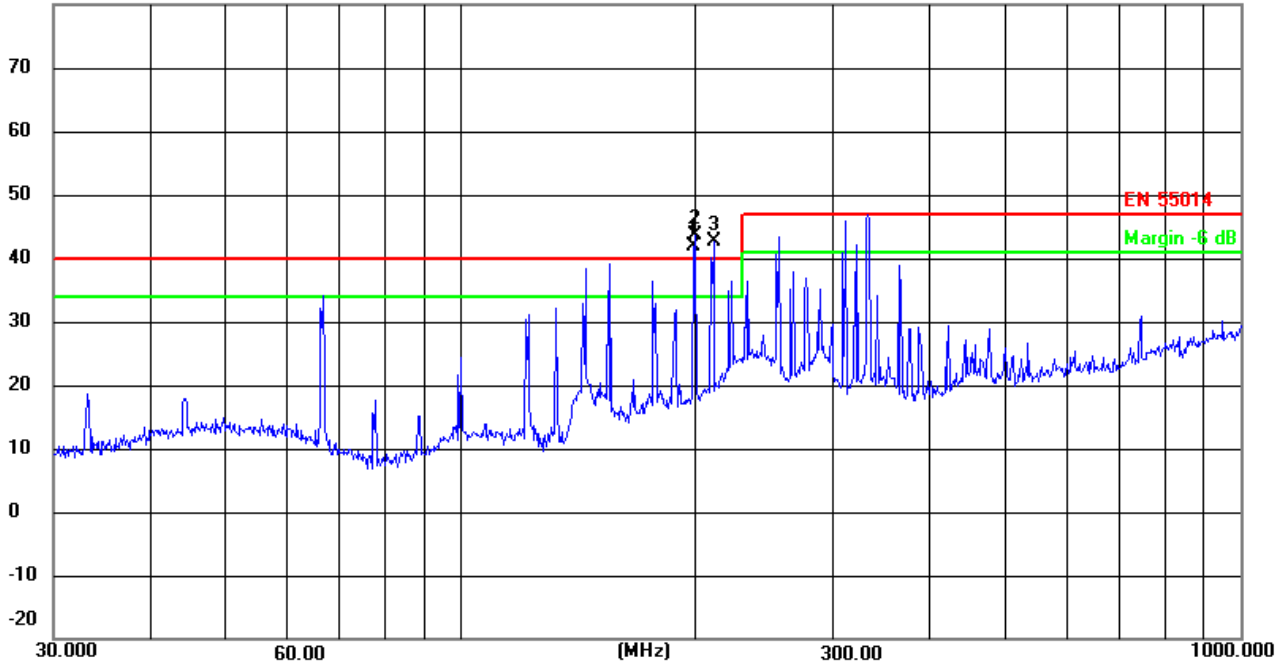
File : 优能拓

Data : #123

Date: 2024/11/18

Time: 17:58:55

80.0 dBuV/m



Site 966 Chamber

Polarization: **Horizontal**

Temperature: 24.5(C)

Limit: EN 55014

Power: AC230V/50Hz

Humidity: 53 %

EUT: HW40 Water system pullout sensor

Distance: 3m

M/N:

Mode: 工作

Note: A1共模电感

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree	Comment
1	X	198.5879	56.83	-14.90	41.93	40.00	1.93			peak
2	*	199.9855	58.59	-15.08	43.51	40.00	3.51			peak
3	X	210.7860	57.04	-14.40	42.64	40.00	2.64			peak

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1

Spectrum Analyzer: ESRP

Antenna: VULB 9162(23.11.06 Jack)

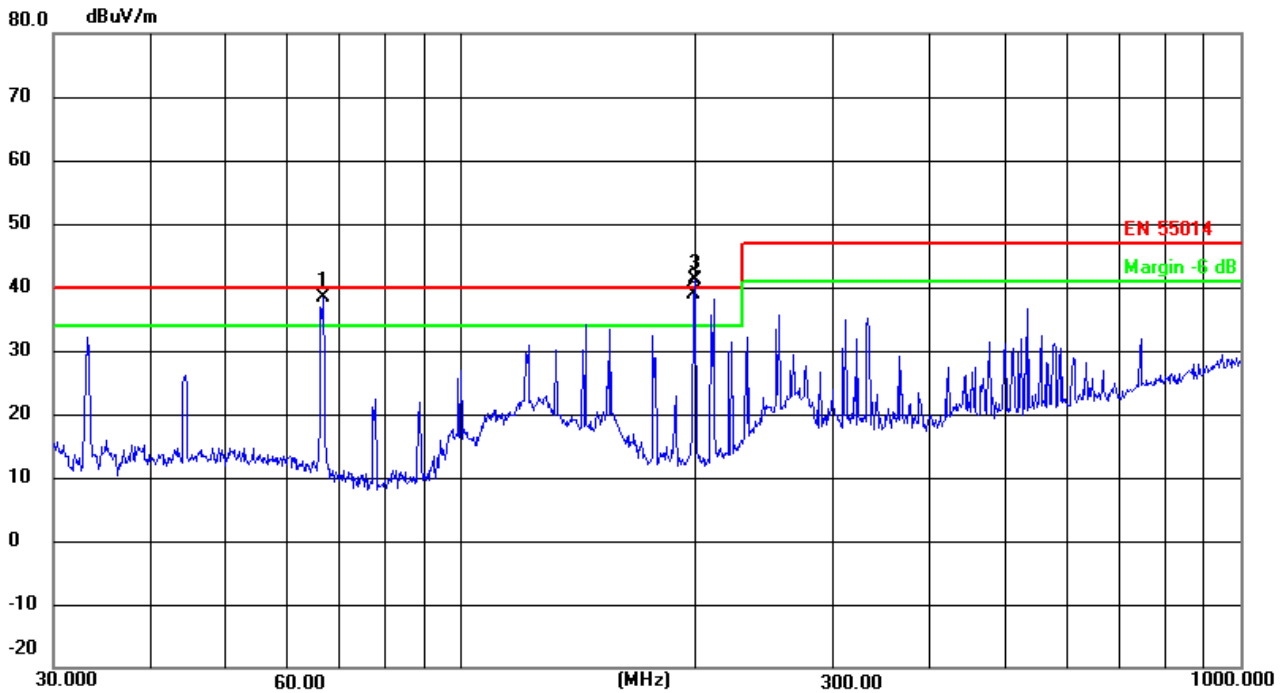
Engineer Signature:

Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

File : 优能拓 Data : #124 Date: 2024/11/18 Time: 17:59:49



Site 966 Chamber
 Limit: EN 55014
 EUT: HW40 Water system pullout sensor
 M/N:
 Mode: 工作
 Note: A1共模电感

Polarization: **Vertical** Temperature: 24.5(C)
 Power: AC230V/50Hz Humidity: 53 %
 Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree		
1	!	66.4989	53.71	-15.35	38.36	40.00	-1.64			peak	
2	!	198.5879	53.73	-14.90	38.83	40.00	-1.17			peak	
3	*	199.9855	56.32	-15.08	41.24	40.00	1.24			peak	

*:Maximum data x:Over limit !:over margin

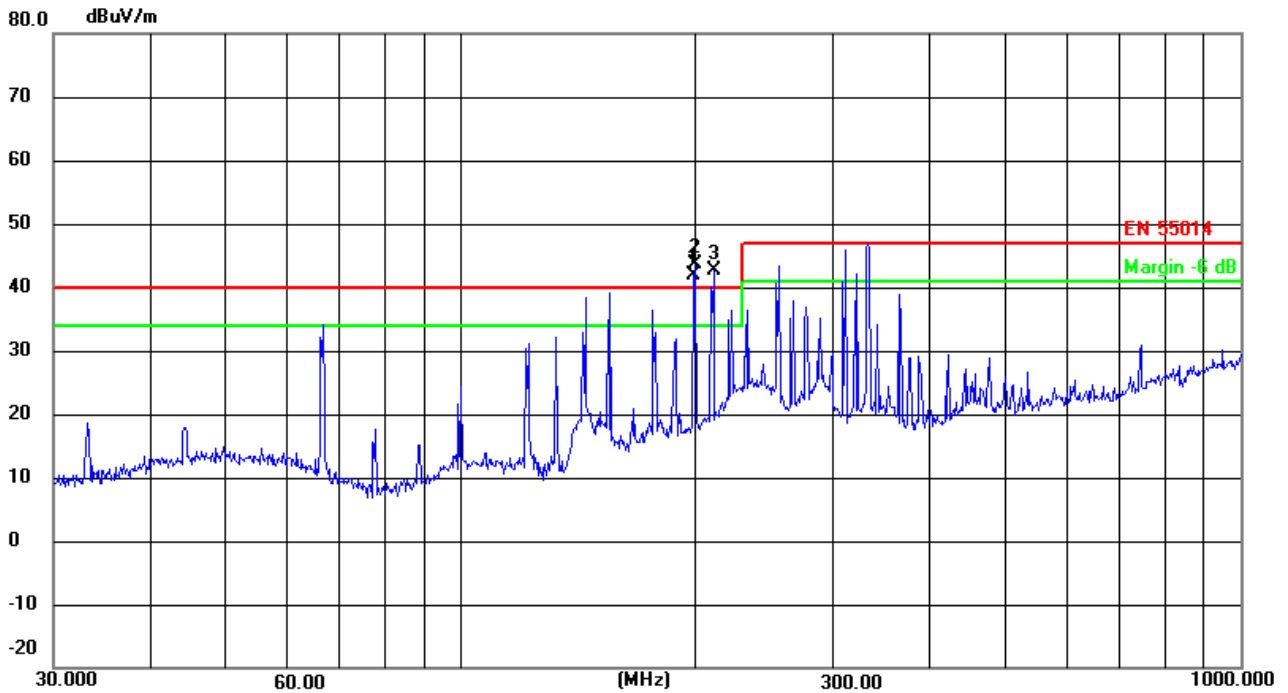
<Reference Only

Receiver: ESRP_1 Spectrum Analyzer: ESRP
 Antenna: VULB 9162(23.11.06 Jack) Engineer Signature:
 Amplifier: 9743B(23.11.06 Jack)



Radiated Emission Measurement

File : 优能拓 Data : #125 Date: 2024/11/18 Time: 17:58:55



Site 966 Chamber Polarization: **Horizontal** Temperature: 24.5(C)
 Limit: EN 55014 Power: AC230V/50Hz Humidity: 53 %
 EUT: HW40 Water system pullout sensor Distance: 3m
 M/N:
 Mode: 工作
 Note: A1共模电感

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dB/m	dB	cm	degree		
1	X	198.5879	56.83	-14.90	41.93	40.00	1.93			peak	
2	*	199.9855	58.59	-15.08	43.51	40.00	3.51			peak	
3	X	210.7860	57.04	-14.40	42.64	40.00	2.64			peak	

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESRP_1 Spectrum Analyzer: ESRP
 Antenna: VULB 9162(23.11.06 Jack) Engineer Signature:
 Amplifier: 9743B(23.11.06 Jack)