

TEST REPORT

Application No.: SUCR2509000964WM
Applicant: Xiaomi Communications Co., Ltd.
Address of Applicant: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer: Xiaomi Communications Co., Ltd.
Address of Manufacturer: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Equipment Under Test (EUT):
EUT Description: Mobile Phone
Model No.: 2511FPC34G
Trade Mark: POCO
FCC ID: 2AFZZFPC34G
Standard(s) : 47 CFR Part 15, Subpart B
Date of Receipt: 2025-09-29
Date of Test: 2025-10-08 to 2025-10-11
Date of Issue: 2025-10-21

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

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Revision Record			
Version	Description	Date	Remark
01	Original	2025-10-21	/

Authorized for issue by:				
Tested By		Nature Shen		
		Nature Shen / Project Manager		
Approved By		Cedar cheng		
		Cedar Cheng/Technical Manager		

2 Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at Mains Terminals (150kHz-30MHz)	47 CFR Part 15, Subpart B	ANSI C63.4-2014 +C63.4a-2017	15.107(a);Class B	Pass
Radiated Emissions (30MHz-1GHz)		ANSI C63.4-2014 +C63.4a-2017	15.109(a);Class B	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.4-2014 +C63.4a-2017	15.109(g);Class B	Pass

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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 3.83V from internal rechargeable battery which can be charge by AC/DC adapter
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Accessory:

Item No.	Brand Name	Mode No.	Manufacturer
Adapter 1	MI	MDY-19-EX	Aohai
Adapter 2	MI	MDY-19-EX	Chenyang
USB cable 1	MI	L26320	LUXSHARE
USB cable 2	MI	H26320	Dehong
USB cable 3	MI	K26320	KELI
USB cable 4	MI	B26320	Fuhong
Battery 1	MI	BM6Q	Sunwoda
Battery 2	MI	BM6Q	CosMX

EUT no.	Memory	Battery	Screen	Remark
1	12+512G	CosMX	TIANMA	EUT1 with Charge IC(Silergy)
2	8+256G	Sunwoda	Wuhan China Star	EUT2 with Charge IC(Silergy)
3	8+256G	Sunwoda	Wuhan China Star	EUT3 with Charge IC(SouthChip)

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Test modes

Pretest these modes to find the worst case and show the worse data in the test items:	07 Transfer data between the EUT1 and the PC+USB cable1 08 Transfer data between the EUT2 and the PC+USB cable2 09 Transfer data between the EUT3 and the PC+USB cable3 10 Transfer data between the EUT1 and the PC+USB cable4 11 EUT1:adapter1+usb Cable1/Earphone+MP4+BT(Idle)+5GWLAN(Idle)+GNSS+GSM850(RX) 12 EUT2:adapter2+usb Cable2/Earphone+MP4+BT(Idle)+2.4GWLAN(Idle)+GNSS+WCDMA Band 5(RX) 13 EUT3:adapter1+usb Cable3/Earphone+MP4+BT(Idle)+5GWLAN(Idle)+GNSS+LTE Band 5(RX) 14 EUT1:adapter1+usb Cable4/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS+MP4+LTE Band 26(RX) 15 EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS+MP4+LTE Band 71(RX) 16 EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS+Camera(Rear)+NR n5(RX) 17 EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS+Camera(Rear)+NR n26(RX) 18 EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS+Camera(Front)+NR n71(RX) 19 EUT1:OTG USB Reverse Charging:9V/3A+NFC
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4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Laptop	Lenovo	L480	REF. No.SEA18C00E
Mouse	Lenovo	M-U0025-O	REF. No.:SEA24A00
Wireless Router	Netgear	JNR3300	REF. No.SEA60A01A
Earphone	VIVO	N/A	N/A

4.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at Mains Terminals (150kHz-30MHz)	$\pm 3.1\text{dB}$
Radiated Emissions (30MHz-1GHz)	$\pm 6.0\text{dB}$ for 3m; $\pm 5.0\text{dB}$ for 10m
Radiated Emissions (Above 1GHz)	$\pm 4.6\text{dB}$
Remark: The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.	

4.5 Test Location

All tests were sub-contracted and performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 6336.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

• Innovation, Science and Economic Development Canada

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

• FCC –Designation Number: CN1312

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory.

Designation Number: CN1312.

Test Firm Registration Number: 717327

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2025-05-07	2028-05-06
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2025-01-08	2026-01-07
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2025-07-05	2026-07-04
LISN	Rohde&Schwarz	ENV216	SEM007-01	2025-07-25	2026-07-24
LISN	ETS-LINDGREN	3816/2	SEM007-02	2025-03-03	2026-03-02

Radiated Emissions (30MHz-1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-06-19	2026-06-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2025-07-25	2026-07-24
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2025-08-29	2027-08-28
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2025-03-04	2026-03-03
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2025-07-05	2026-07-04

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2025-05-07	2028-05-06
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2025-03-04	2026-03-03
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2025-07-22	2026-07-21
Microwave system amplifier	Agilent	83017A	SEM005-25	2025-09-10	2026-09-09
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2025-07-05	2026-07-04



General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2025-07-23	2026-07-22
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2025-07-23	2026-07-22
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2025-03-03	2026-03-02
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-03	2025-03-03	2026-03-02
Radio Communication Analyzer	Anritsu	MT8821C	SEM010-09	2025-03-04	2026-03-03
Radio Communication Analyzer	Anritsu	MT8000A	SEM010-10	2025-03-04	2026-03-03

6 Emission Test Results

6.1 Conducted Emissions at Mains Terminals (150kHz-30MHz)

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014 +C63.4a-2017

Limit:

0.15M-0.5MHz 66dB(μV)-56dB(μV) quasi-peak, 56dB(μV)-46dB(μV) average
0.5M-5MHz 56dB(μV) quasi-peak, 46dB(μV) average
5M-30MHz 60dB(μV) quasi-peak, 50dB(μV) average
Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

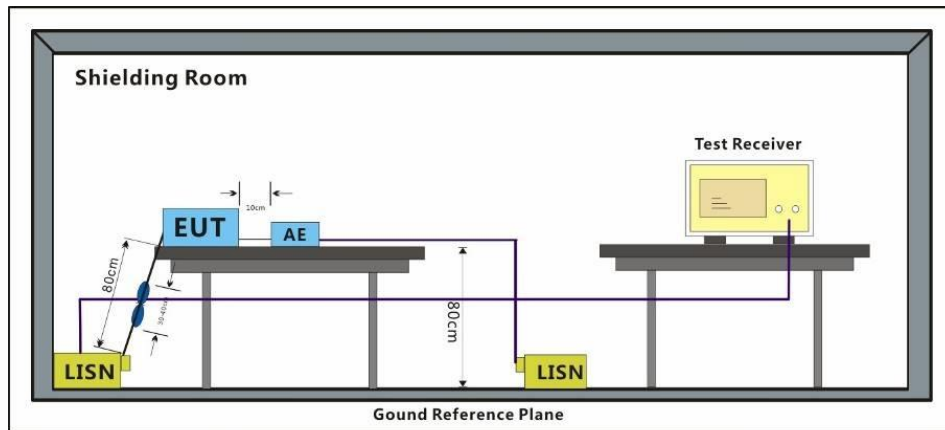
6.1.1 E.U.T. Operation

Operating Environment:
Temperature: 25.3 °C Humidity: 40.5 % RH Atmospheric Pressure: 1020 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	Transfer data between the EUT1 and the PC+USB cable1
Final test	08	Transfer data between the EUT2 and the PC+USB cable2
Final test	09	Transfer data between the EUT3 and the PC+USB cable3
Final test	10	Transfer data between the EUT1 and the PC+USB cable4
Final test	11	EUT1:adapter1+usb Cable1/Earphone+MP4+BT(Idle)+5GWLAN(Idle)+GNSS +GSM850(RX)
Final test	12	EUT2:adapter2+usb Cable2/Earphone+MP4+BT(Idle)+2.4GWLAN(Idle)+GNSS +WCDMA Band 5(RX)
Final test	13	EUT3:adapter1+usb Cable3/Earphone+MP4+BT(Idle)+5GWLAN(Idle)+GNSS +LTE Band 5(RX)
Final test	14	EUT1:adapter1+usb Cable4/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +MP4+LTE Band 26(RX)
Pre-scan	16	EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +Camera(Rear)+NR n5(RX)
Pre-scan	18	EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +Camera(Front)+NR n71(RX)

6.1.3 Test Setup Diagram

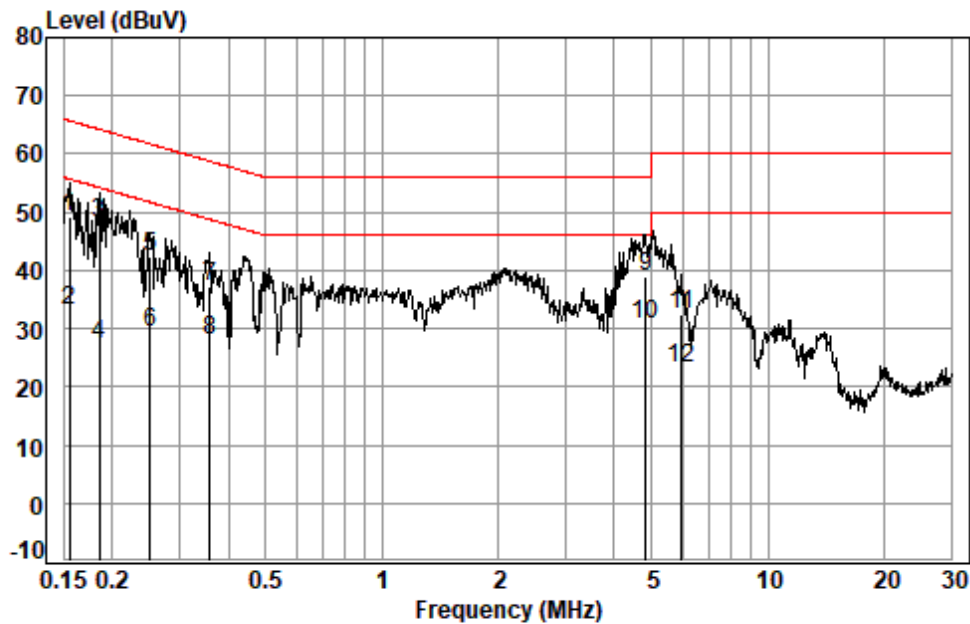


6.1.4 Measurement Procedure and Data

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.

Remark : $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{LISN Factor}$

Test Mode: 07; Line: Live line



Site : Shielding Room

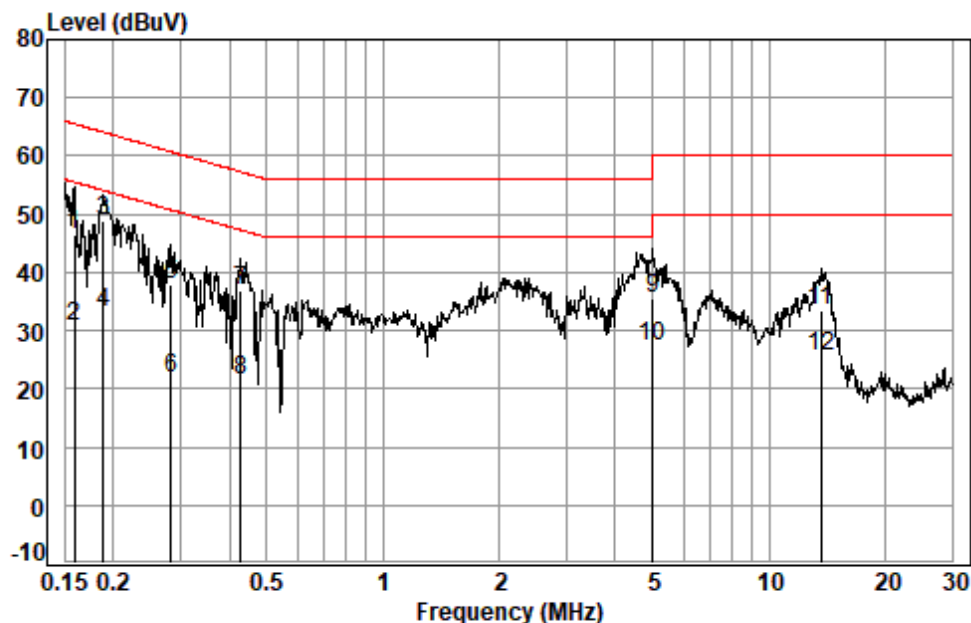
Condition: Line

Job No. : 04261WM

Test mode: 07

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1548	0.06	10.19	38.99	49.24	65.74	-16.50	QP
2	0.1548	0.06	10.19	22.73	32.98	55.74	-22.76	Average
3 *	0.1854	0.07	10.14	37.81	48.02	64.24	-16.22	QP
4	0.1854	0.07	10.14	17.18	27.39	54.24	-26.85	Average
5	0.2508	0.07	9.97	32.33	42.37	61.73	-19.36	QP
6	0.2508	0.07	9.97	19.20	29.24	51.73	-22.49	Average
7	0.3577	0.08	9.74	27.39	37.21	58.78	-21.57	QP
8	0.3577	0.08	9.74	18.25	28.07	48.78	-20.71	Average
9	4.8224	0.14	9.66	29.13	38.93	56.00	-17.07	QP
10 *	4.8224	0.14	9.66	20.83	30.63	46.00	-15.37	Average
11	5.9925	0.14	9.67	22.59	32.40	60.00	-27.60	QP
12	5.9925	0.14	9.67	13.35	23.16	50.00	-26.84	Average

Test Mode: 07; Line: Neutral Line



Site : Shielding Room

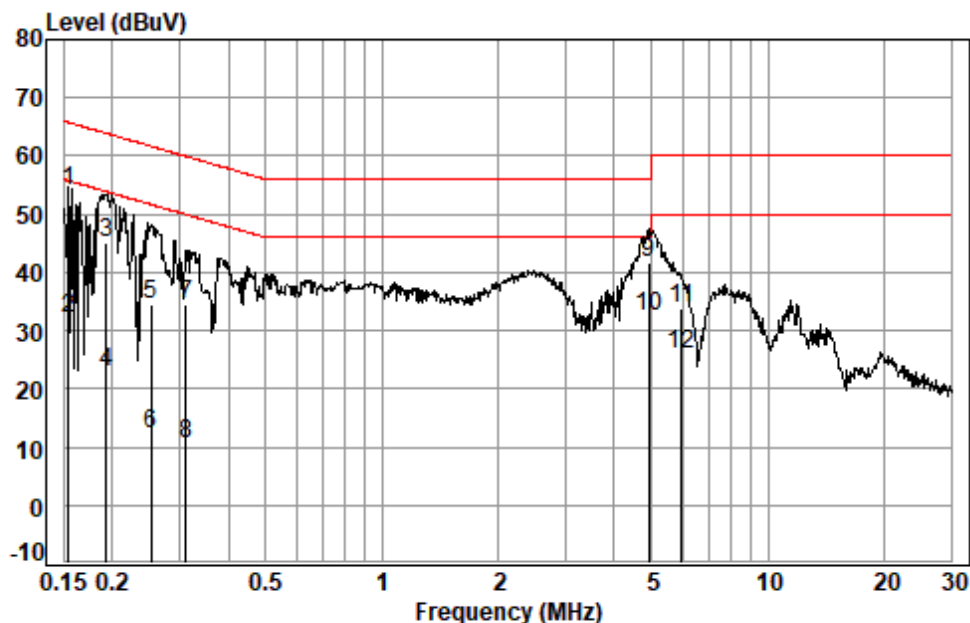
Condition: Neutral

Job No. : 04261WM

Test mode: 07

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1590	0.06	10.14	36.21	46.41	65.52	-19.11	QP
2	0.1590	0.06	10.14	20.62	30.82	55.52	-24.70	Average
3 *	0.1884	0.07	10.09	38.53	48.69	64.11	-15.42	QP
4 *	0.1884	0.07	10.09	22.94	33.10	54.11	-21.01	Average
5	0.2833	0.08	9.81	28.14	38.03	60.72	-22.69	QP
6	0.2833	0.08	9.81	12.04	21.93	50.72	-28.79	Average
7	0.4282	0.09	9.73	26.93	36.75	57.29	-20.54	QP
8	0.4282	0.09	9.73	11.72	21.54	47.29	-25.75	Average
9	5.0046	0.14	9.56	25.78	35.48	60.00	-24.52	QP
10	5.0046	0.14	9.56	17.60	27.30	50.00	-22.70	Average
11	13.6228	0.17	9.79	23.63	33.59	60.00	-26.41	QP
12	13.6228	0.17	9.79	15.49	25.45	50.00	-24.55	Average

Test Mode: 08; Line: Live line



Site : Shielding Room

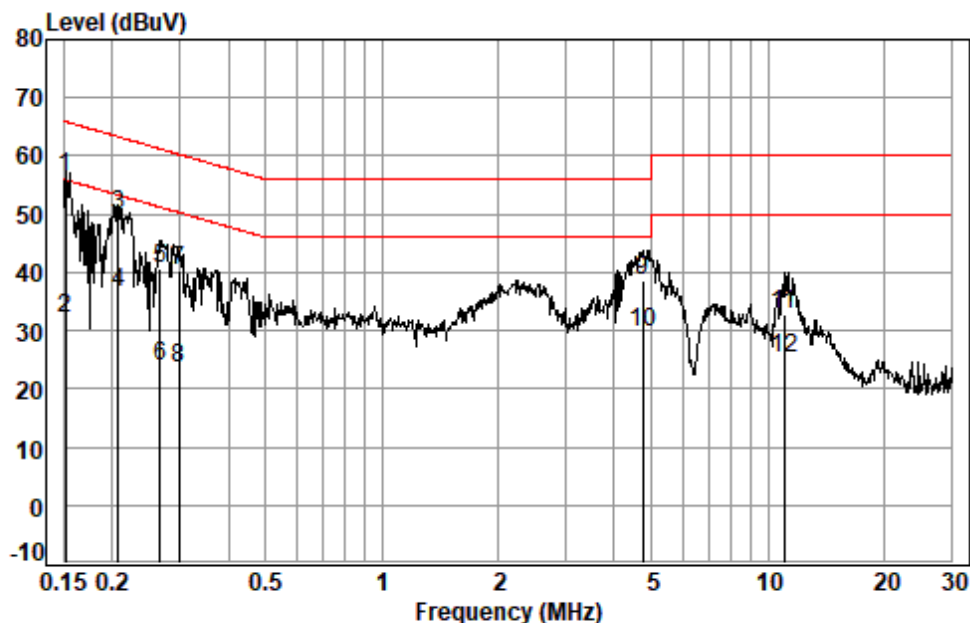
Condition: Line

Job No. : 04261WM

Test mode: 08

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1540	0.06	10.19	43.79	54.04	65.78	-11.74	QP
2	0.1540	0.06	10.19	21.74	31.99	55.78	-23.79	Average
3	0.1934	0.07	10.13	34.81	45.01	63.89	-18.88	QP
4	0.1934	0.07	10.13	12.67	22.87	53.89	-31.02	Average
5	0.2521	0.07	9.97	24.28	34.32	61.69	-27.37	QP
6	0.2521	0.07	9.97	2.30	12.34	51.69	-39.35	Average
7	0.3100	0.08	9.83	24.67	34.58	59.97	-25.39	QP
8	0.3100	0.08	9.83	0.61	10.52	49.97	-39.45	Average
9	4.9257	0.14	9.66	31.95	41.75	56.00	-14.25	QP
10 *	4.9257	0.14	9.66	22.72	32.52	46.00	-13.48	Average
11	5.9925	0.14	9.67	24.01	33.82	60.00	-26.18	QP
12	5.9925	0.14	9.67	16.25	26.06	50.00	-23.94	Average

Test Mode: 08; Line: Neutral Line



Site : Shielding Room

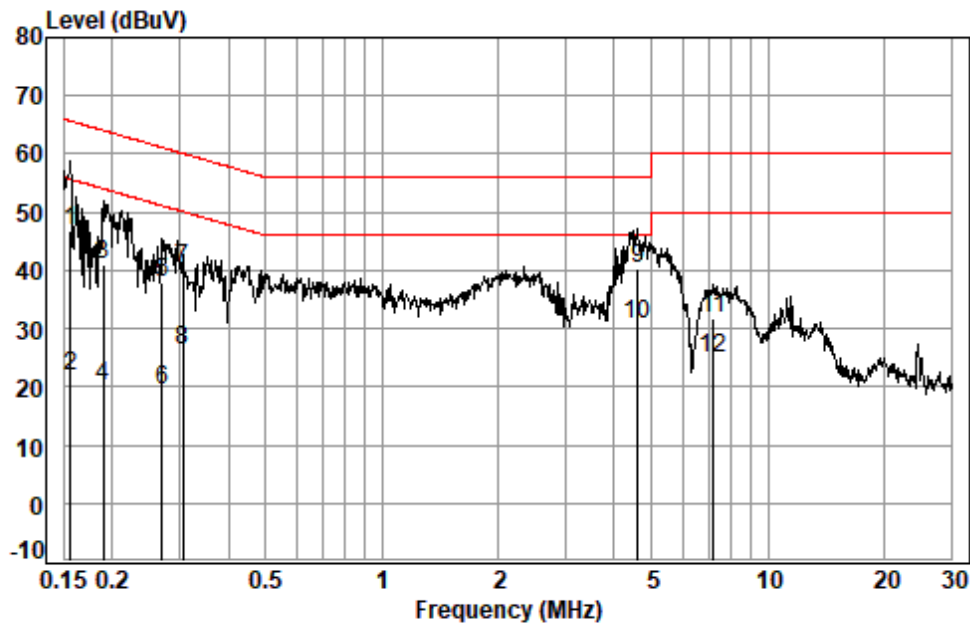
Condition: Neutral

Job No. : 04261WM

Test mode: 08

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1516	0.06	10.15	46.28	56.49	65.91	-9.42	QP
2	0.1516	0.06	10.15	21.93	32.14	55.91	-23.77	Average
3	0.2072	0.07	10.05	39.66	49.78	63.32	-13.54	QP
4	0.2072	0.07	10.05	26.44	36.56	53.32	-16.76	Average
5	0.2658	0.08	9.86	30.55	40.49	61.25	-20.76	QP
6	0.2658	0.08	9.86	13.79	23.73	51.25	-27.52	Average
7	0.2987	0.08	9.77	30.45	40.30	60.28	-19.98	QP
8	0.2987	0.08	9.77	13.68	23.53	50.28	-26.75	Average
9	4.7464	0.14	9.56	28.89	38.59	56.00	-17.41	QP
10 *	4.7464	0.14	9.56	20.04	29.74	46.00	-16.26	Average
11	11.0211	0.15	9.64	23.12	32.91	60.00	-27.09	QP
12	11.0211	0.15	9.64	15.54	25.33	50.00	-24.67	Average

Test Mode: 09; Line: Live line



Site : Shielding Room

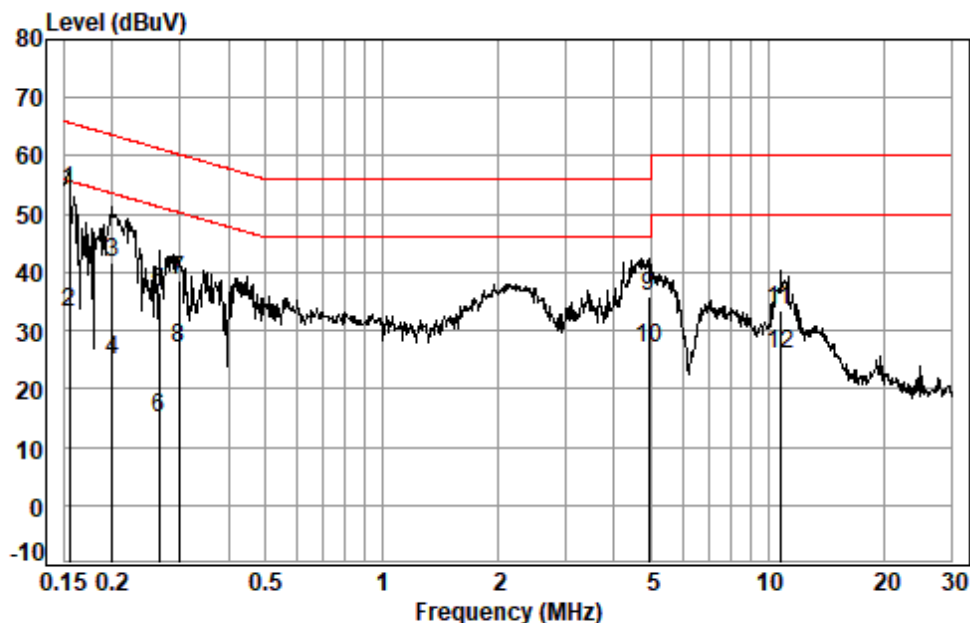
Condition: Line

Job No. : 04261WM

Test mode: 09

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1565	0.06	10.18	36.65	46.89	65.65	-18.76	QP
2	0.1565	0.06	10.18	11.59	21.83	55.65	-33.82	Average
3	0.1894	0.07	10.13	30.92	41.12	64.06	-22.94	QP
4	0.1894	0.07	10.13	10.07	20.27	54.06	-33.79	Average
5	0.2701	0.08	9.92	28.02	38.02	61.12	-23.10	QP
6	0.2701	0.08	9.92	9.56	19.56	51.12	-31.56	Average
7	0.3051	0.08	9.84	30.34	40.26	60.10	-19.84	QP
8	0.3051	0.08	9.84	16.21	26.13	50.10	-23.97	Average
9 *	4.5979	0.14	9.66	30.61	40.41	56.00	-15.59	QP
10 *	4.5979	0.14	9.66	20.99	30.79	46.00	-15.21	Average
11	7.2135	0.15	9.68	21.91	31.74	60.00	-28.26	QP
12	7.2135	0.15	9.68	15.13	24.96	50.00	-25.04	Average

Test Mode: 09; Line: Neutral Line



Site : Shielding Room

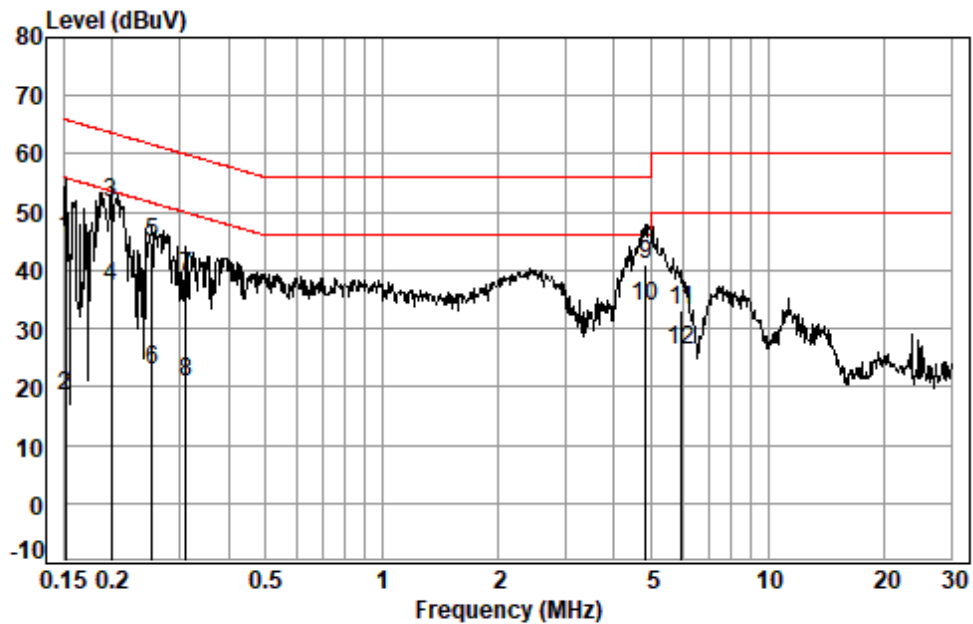
Condition: Neutral

Job No. : 04261WM

Test mode: 09

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1548	0.06	10.14	43.70	53.90	65.74	-11.84	QP
2	0.1548	0.06	10.14	22.97	33.17	55.74	-22.57	Average
3	0.1997	0.07	10.08	31.61	41.76	63.62	-21.86	QP
4	0.1997	0.07	10.08	14.64	24.79	53.62	-28.83	Average
5	0.2644	0.08	9.87	26.48	36.43	61.29	-24.86	QP
6	0.2644	0.08	9.87	4.89	14.84	51.29	-36.45	Average
7	0.2987	0.08	9.77	28.91	38.76	60.28	-21.52	QP
8	0.2987	0.08	9.77	16.96	26.81	50.28	-23.47	Average
9	4.9257	0.14	9.56	26.15	35.85	56.00	-20.15	QP
10 *	4.9257	0.14	9.56	17.34	27.04	46.00	-18.96	Average
11	10.7900	0.15	9.63	23.57	33.35	60.00	-26.65	QP
12	10.7900	0.15	9.63	16.16	25.94	50.00	-24.06	Average

Test Mode: 10; Line: Live line



Site : Shielding Room

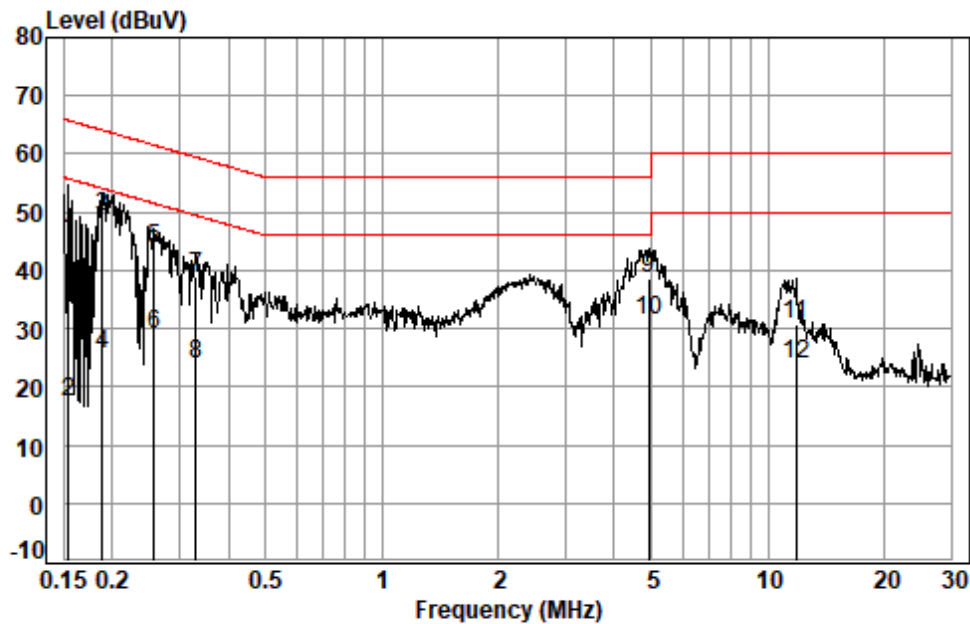
Condition: Line

Job No. : 04261WM

Test mode: 10

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1516	0.06	10.19	35.25	45.50	65.91	-20.41	QP
2	0.1516	0.06	10.19	8.32	18.57	55.91	-37.34	Average
3 *	0.1986	0.07	10.12	41.34	51.53	63.67	-12.14	QP
4	0.1986	0.07	10.12	27.10	37.29	53.67	-16.38	Average
5	0.2535	0.07	9.96	34.62	44.65	61.64	-16.99	QP
6	0.2535	0.07	9.96	12.74	22.77	51.64	-28.87	Average
7	0.3116	0.08	9.83	29.13	39.04	59.93	-20.89	QP
8	0.3116	0.08	9.83	10.87	20.78	49.93	-29.15	Average
9	4.8224	0.14	9.66	31.33	41.13	56.00	-14.87	QP
10 *	4.8224	0.14	9.66	24.04	33.84	46.00	-12.16	Average
11	5.9925	0.14	9.67	23.32	33.13	60.00	-26.87	QP
12	5.9925	0.14	9.67	16.46	26.27	50.00	-23.73	Average

Test Mode: 10; Line: Neutral Line



Site : Shielding Room

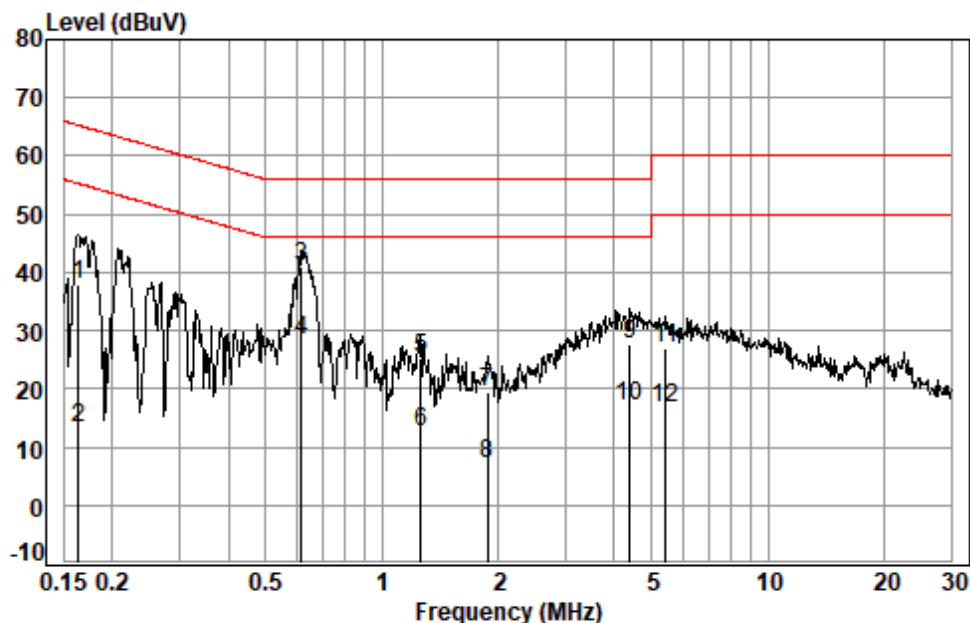
Condition: Neutral

Job No. : 04261WM

Test mode: 10

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1540	0.06	10.14	34.89	45.09	65.78	-20.69	QP
2	0.1540	0.06	10.14	7.27	17.47	55.78	-38.31	Average
3 *	0.1884	0.07	10.09	39.17	49.33	64.11	-14.78	QP
4	0.1884	0.07	10.09	15.50	25.66	54.11	-28.45	Average
5	0.2575	0.07	9.89	33.60	43.56	61.51	-17.95	QP
6	0.2575	0.07	9.89	18.92	28.88	51.51	-22.63	Average
7	0.3303	0.08	9.76	28.96	38.80	59.44	-20.64	QP
8	0.3303	0.08	9.76	14.10	23.94	49.44	-25.50	Average
9	4.9257	0.14	9.56	29.01	38.71	56.00	-17.29	QP
10 *	4.9257	0.14	9.56	21.69	31.39	46.00	-14.61	Average
11	11.8697	0.16	9.69	20.84	30.69	60.00	-29.31	QP
12	11.8697	0.16	9.69	13.93	23.78	50.00	-26.22	Average

Test Mode: 11; Line: Live line



Site : Shielding Room

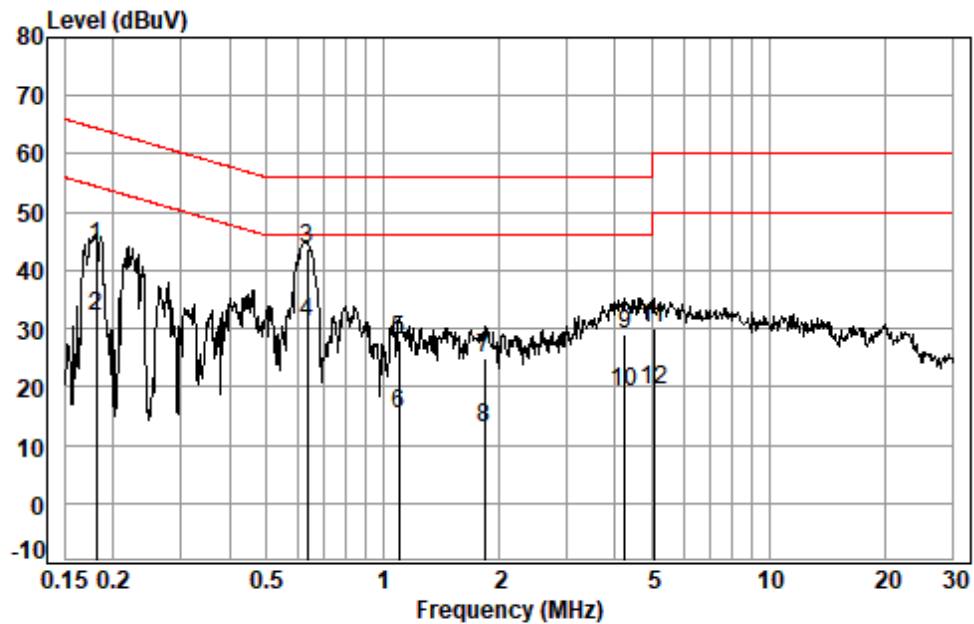
Condition: Line

Job No. : 04261WM

Test mode: 11

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1633	0.06	10.17	27.68	37.91	65.30	-27.39	QP
2	0.1633	0.06	10.17	3.08	13.31	55.30	-41.99	Average
3 *	0.6205	0.10	9.61	31.27	40.98	56.00	-15.02	QP
4 *	0.6205	0.10	9.61	18.71	28.42	46.00	-17.58	Average
5	1.2621	0.11	9.58	15.59	25.28	56.00	-30.72	QP
6	1.2621	0.11	9.58	2.88	12.57	46.00	-33.43	Average
7	1.8779	0.12	9.58	9.56	19.26	56.00	-36.74	QP
8	1.8779	0.12	9.58	-2.47	7.23	46.00	-38.77	Average
9	4.3838	0.14	9.66	17.98	27.78	56.00	-28.22	QP
10	4.3838	0.14	9.66	7.16	16.96	46.00	-29.04	Average
11	5.4474	0.14	9.67	17.24	27.05	60.00	-32.95	QP
12	5.4474	0.14	9.67	6.95	16.76	50.00	-33.24	Average

Test Mode: 11; Line: Neutral Line



Site : Shielding Room

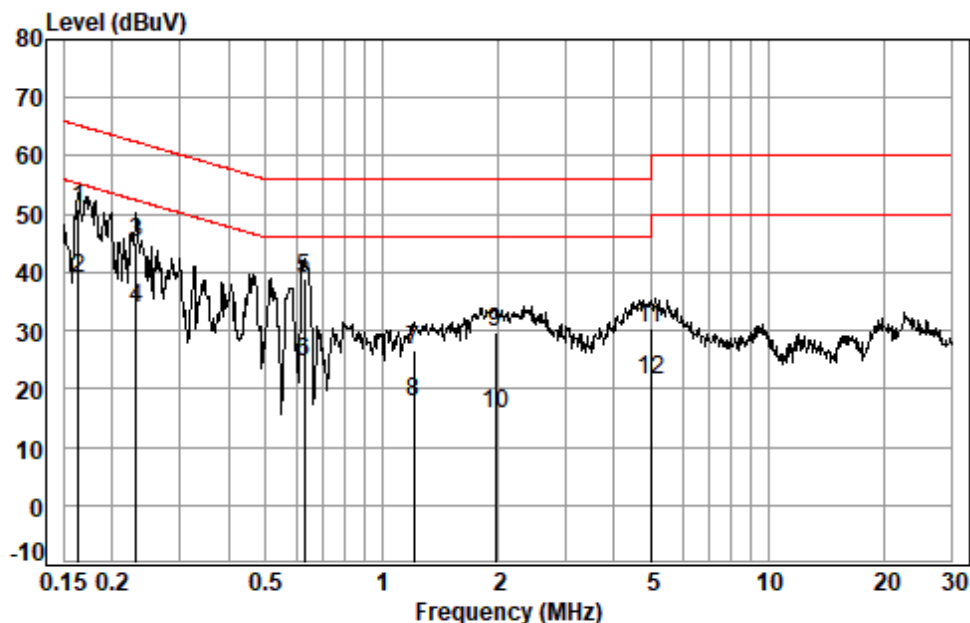
Condition: Neutral

Job No. : 04261WM

Test mode: 11

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1806	0.07	10.11	33.98	44.16	64.46	-20.30	QP
2	0.1806	0.07	10.11	21.95	32.13	54.46	-22.33	Average
3 *	0.6372	0.10	9.67	33.83	43.60	56.00	-12.40	QP
4 *	0.6372	0.10	9.67	21.44	31.21	46.00	-14.79	Average
5	1.0997	0.11	9.54	18.31	27.96	56.00	-28.04	QP
6	1.0997	0.11	9.54	5.61	15.26	46.00	-30.74	Average
7	1.8288	0.12	9.55	15.22	24.89	56.00	-31.11	QP
8	1.8288	0.12	9.55	3.28	12.95	46.00	-33.05	Average
9	4.2466	0.14	9.55	19.34	29.03	56.00	-26.97	QP
10	4.2466	0.14	9.55	9.28	18.97	46.00	-27.03	Average
11	5.0312	0.14	9.56	20.31	30.01	60.00	-29.99	QP
12	5.0312	0.14	9.56	9.82	19.52	50.00	-30.48	Average

Test Mode: 12; Line: Live line



Site : Shielding Room

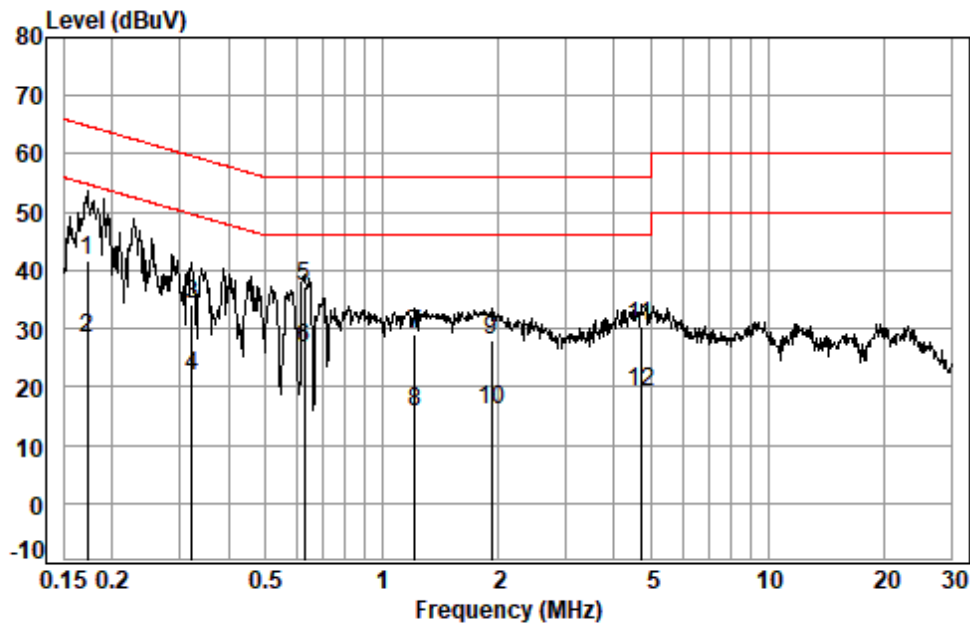
Condition: Line

Job No. : 04261WM

Test mode: 12

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1633	0.06	10.17	40.78	51.01	65.30	-14.29	QP
2 *	0.1633	0.06	10.17	28.88	39.11	55.30	-16.19	Average
3	0.2304	0.07	10.03	34.84	44.94	62.44	-17.50	QP
4	0.2304	0.07	10.03	23.80	33.90	52.44	-18.54	Average
5	0.6305	0.10	9.62	29.34	39.06	56.00	-16.94	QP
6	0.6305	0.10	9.62	14.93	24.65	46.00	-21.35	Average
7	1.2098	0.11	9.58	17.06	26.75	56.00	-29.25	QP
8	1.2098	0.11	9.58	8.09	17.78	46.00	-28.22	Average
9	1.9697	0.12	9.58	19.88	29.58	56.00	-26.42	QP
10	1.9697	0.12	9.58	6.06	15.76	46.00	-30.24	Average
11	4.9782	0.14	9.66	20.56	30.36	56.00	-25.64	QP
12	4.9782	0.14	9.66	11.78	21.58	46.00	-24.42	Average

Test Mode: 12; Line: Neutral Line



Site : Shielding Room

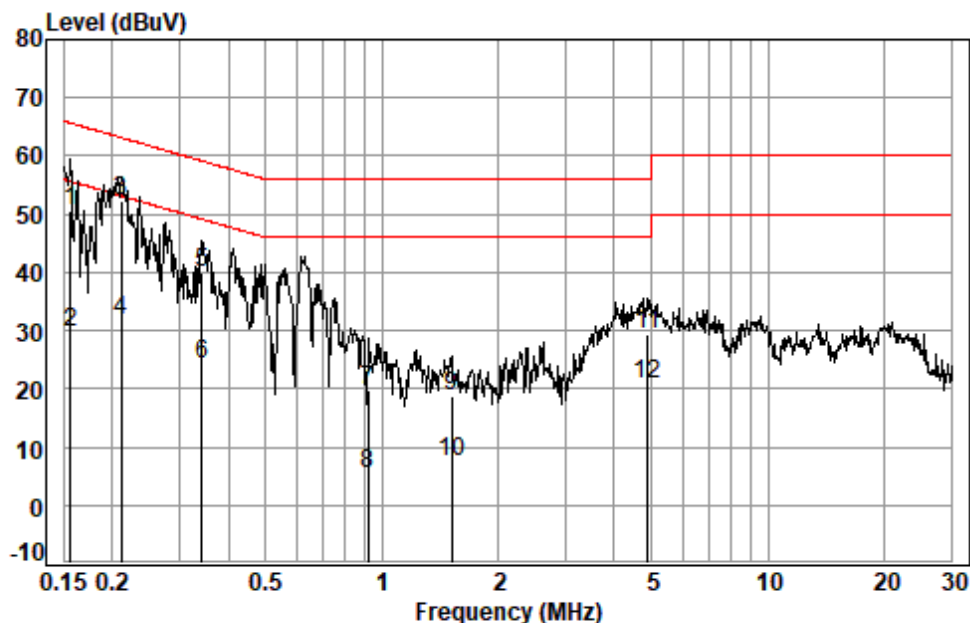
Condition: Neutral

Job No. : 04261WM

Test mode: 12

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1722	0.06	10.12	31.56	41.74	64.86	-23.12	QP
2	0.1722	0.06	10.12	18.13	28.31	54.86	-26.55	Average
3	0.3217	0.08	9.76	24.31	34.15	59.66	-25.51	QP
4	0.3217	0.08	9.76	11.88	21.72	49.66	-27.94	Average
5 *	0.6305	0.10	9.67	27.46	37.23	56.00	-18.77	QP
6 *	0.6305	0.10	9.67	16.96	26.73	46.00	-19.27	Average
7	1.2162	0.11	9.54	19.42	29.07	56.00	-26.93	QP
8	1.2162	0.11	9.54	6.08	15.73	46.00	-30.27	Average
9	1.9182	0.12	9.55	18.48	28.15	56.00	-27.85	QP
10	1.9182	0.12	9.55	6.42	16.09	46.00	-29.91	Average
11	4.6964	0.14	9.56	20.53	30.23	56.00	-25.77	QP
12	4.6964	0.14	9.56	9.43	19.13	46.00	-26.87	Average

Test Mode: 13; Line: Live line



Site : Shielding Room

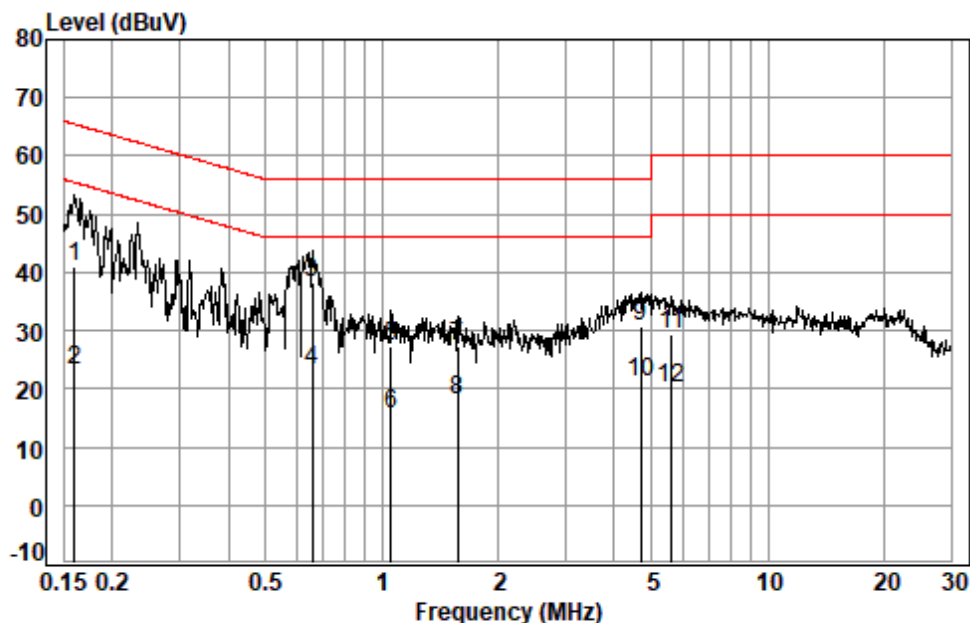
Condition: Line

Job No. : 04261WM

Test mode: 13

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1565	0.06	10.18	40.18	50.42	65.65	-15.23	QP
2	0.1565	0.06	10.18	19.36	29.60	55.65	-26.05	Average
3 *	0.2117	0.07	10.08	42.23	52.38	63.14	-10.76	QP
4 *	0.2117	0.07	10.08	21.51	31.66	53.14	-21.48	Average
5	0.3410	0.08	9.77	30.23	40.08	59.18	-19.10	QP
6	0.3410	0.08	9.77	14.28	24.13	49.18	-25.05	Average
7	0.9233	0.11	9.60	10.20	19.91	56.00	-36.09	QP
8	0.9233	0.11	9.60	-4.37	5.34	46.00	-40.66	Average
9	1.5193	0.12	9.58	9.13	18.83	56.00	-37.17	QP
10	1.5193	0.12	9.58	-2.20	7.50	46.00	-38.50	Average
11	4.8997	0.14	9.66	19.67	29.47	56.00	-26.53	QP
12	4.8997	0.14	9.66	10.90	20.70	46.00	-25.30	Average

Test Mode: 13; Line: Neutral Line



Site : Shielding Room

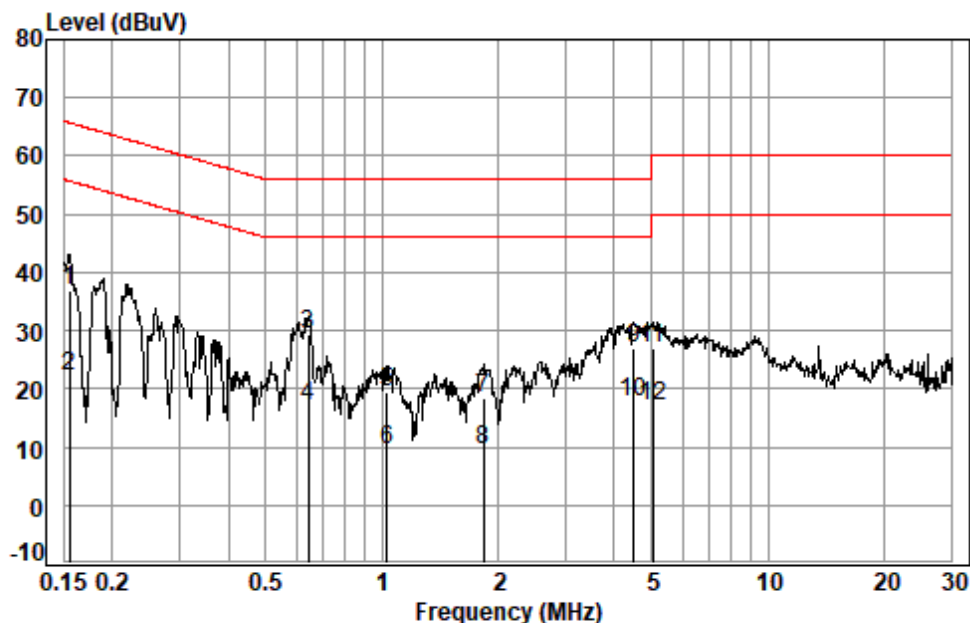
Condition: Neutral

Job No. : 04261WM

Test mode: 13

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1598	0.06	10.13	30.92	41.11	65.47	-24.36	QP
2	0.1598	0.06	10.13	13.13	23.32	55.47	-32.15	Average
3 *	0.6613	0.10	9.66	28.56	38.32	56.00	-17.68	QP
4 *	0.6613	0.10	9.66	13.38	23.14	46.00	-22.86	Average
5	1.0541	0.11	9.54	17.66	27.31	56.00	-28.69	QP
6	1.0541	0.11	9.54	6.08	15.73	46.00	-30.27	Average
7	1.5684	0.12	9.55	17.62	27.29	56.00	-28.71	QP
8	1.5684	0.12	9.55	8.46	18.13	46.00	-27.87	Average
9	4.6964	0.14	9.56	21.03	30.73	56.00	-25.27	QP
10	4.6964	0.14	9.56	11.53	21.23	46.00	-24.77	Average
11	5.6234	0.14	9.59	19.72	29.45	60.00	-30.55	QP
12	5.6234	0.14	9.59	10.55	20.28	50.00	-29.72	Average

Test Mode: 14; Line: Live line



Site : Shielding Room

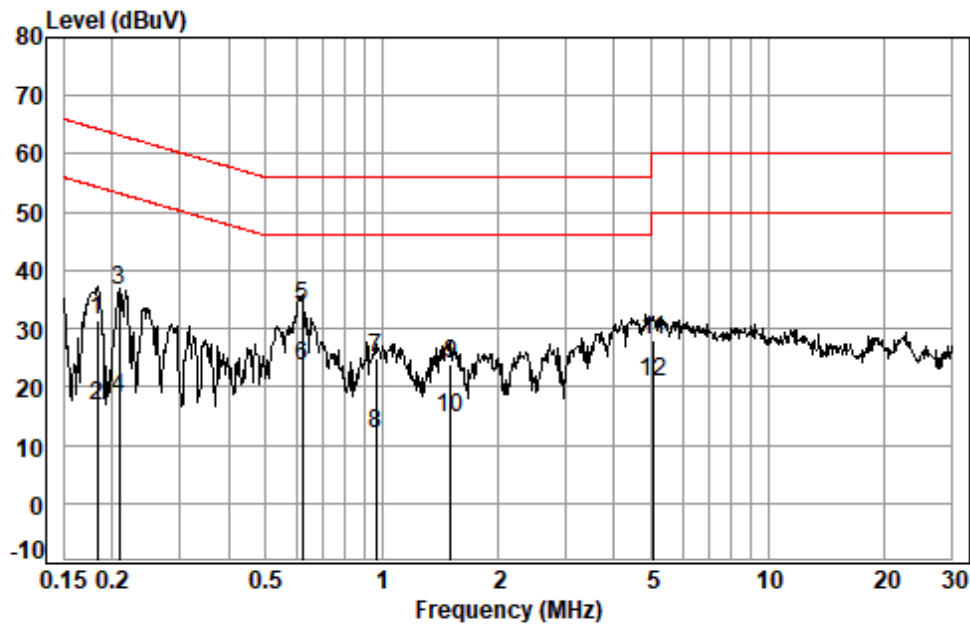
Condition: Line

Job No. : 04261WM

Test mode: 14

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1548	0.06	10.19	26.69	36.94	65.74	-28.80	QP
2	0.1548	0.06	10.19	12.02	22.27	55.74	-33.47	Average
3 *	0.6440	0.10	9.62	19.51	29.23	56.00	-26.77	QP
4	0.6440	0.10	9.62	7.25	16.97	46.00	-29.03	Average
5	1.0320	0.11	9.58	9.71	19.40	56.00	-36.60	QP
6	1.0320	0.11	9.58	-0.02	9.67	46.00	-36.33	Average
7	1.8386	0.12	9.58	8.78	18.48	56.00	-37.52	QP
8	1.8386	0.12	9.58	-0.35	9.35	46.00	-36.65	Average
9	4.5015	0.14	9.66	17.20	27.00	56.00	-29.00	QP
10 *	4.5015	0.14	9.66	7.79	17.59	46.00	-28.41	Average
11	5.0312	0.14	9.66	17.21	27.01	60.00	-32.99	QP
12	5.0312	0.14	9.66	7.32	17.12	50.00	-32.88	Average

Test Mode: 14; Line: Neutral Line



Site : Shielding Room

Condition: Neutral

Job No. : 04261WM

Test mode: 14

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1835	0.07	10.10	21.12	31.29	64.33	-33.04	QP
2	0.1835	0.07	10.10	6.51	16.68	54.33	-37.65	Average
3	0.2083	0.07	10.05	26.55	36.67	63.27	-26.60	QP
4	0.2083	0.07	10.05	7.85	17.97	53.27	-35.30	Average
5 *	0.6238	0.10	9.67	24.17	33.94	56.00	-22.06	QP
6 *	0.6238	0.10	9.67	13.79	23.56	46.00	-22.44	Average
7	0.9684	0.11	9.55	15.10	24.76	56.00	-31.24	QP
8	0.9684	0.11	9.55	2.25	11.91	46.00	-34.09	Average
9	1.5113	0.12	9.55	14.16	23.83	56.00	-32.17	QP
10	1.5113	0.12	9.55	4.82	14.49	46.00	-31.51	Average
11	5.0580	0.14	9.56	18.24	27.94	60.00	-32.06	QP
12	5.0580	0.14	9.56	11.01	20.71	50.00	-29.29	Average

6.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014 +C63.4a-2017
Measurement Distance: 3m

Limit:

FREQUENCY (MHz)	dBμV/m (At 10m)	dBμV/m (At 3m)
	Class B	Class B
30MHz -88MHz	29.5	40.0
88MHz-216MHz	33.1	43.5
216MHz-960MHz	35.6	46.0
960MHz-1000MHz	43.5	54.0
Detector: Peak for pre-scan (120kHz resolution bandwidth) 30M to 1000MHz		

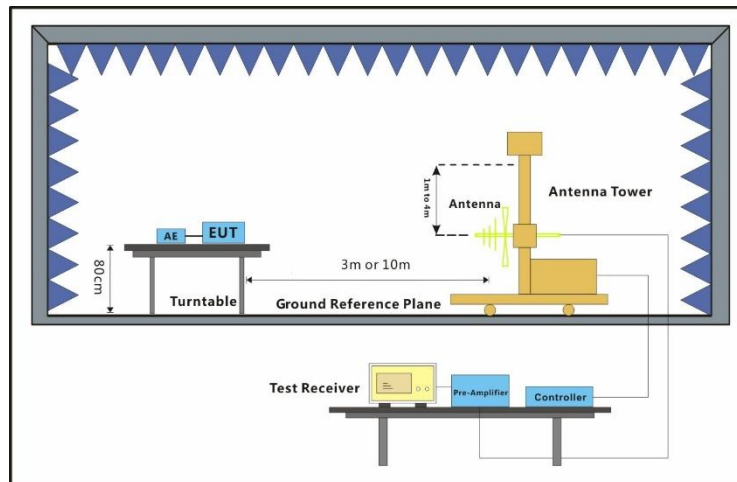
6.2.1 E.U.T. Operation

Operating Environment:
Temperature: 23.5 °C Humidity: 46.8 % RH Atmospheric Pressure: 1020 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	Transfer data between the EUT1 and the PC+USB cable1
Final test	08	Transfer data between the EUT2 and the PC+USB cable2
Final test	09	Transfer data between the EUT3 and the PC+USB cable3
Final test	10	Transfer data between the EUT1 and the PC+USB cable4
Final test	11	EUT1:adapter1+usb Cable1/Earphone+MP4+BT(Idle)+5GWLAN(Idle)+GNSS +GSM850(RX)
Final test	12	EUT2:adapter2+usb Cable2/Earphone+MP4+BT(Idle)+2.4GWLAN(Idle)+GNSS +WCDMA Band 5(RX)
Final test	13	EUT3:adapter1+usb Cable3/Earphone+MP4+BT(Idle)+5GWLAN(Idle)+GNSS +LTE Band 5(RX)
Final test	14	EUT1:adapter1+usb Cable4/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +MP4+LTE Band 26(RX)
Pre-scan	16	EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +Camera(Rear)+NR n5(RX)
Pre-scan	18	EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +Camera(Front)+NR n71(RX)
Pre-scan	19	EUT1:OTG USB Reverse Charging:9V/3A+NFC

6.2.3 Test Setup Diagram

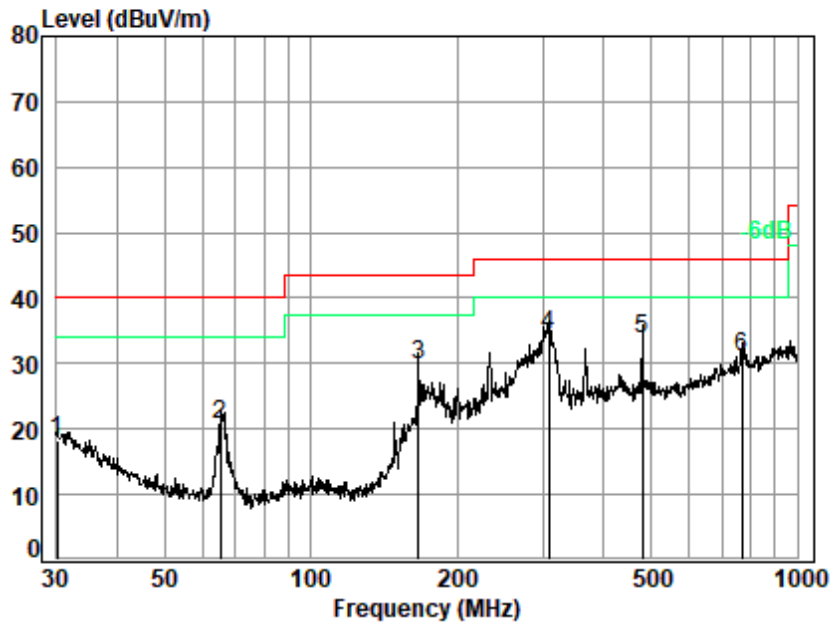


6.2.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

Remark: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$

Test Mode: 07; Polarity: Horizontal



Site : chamber

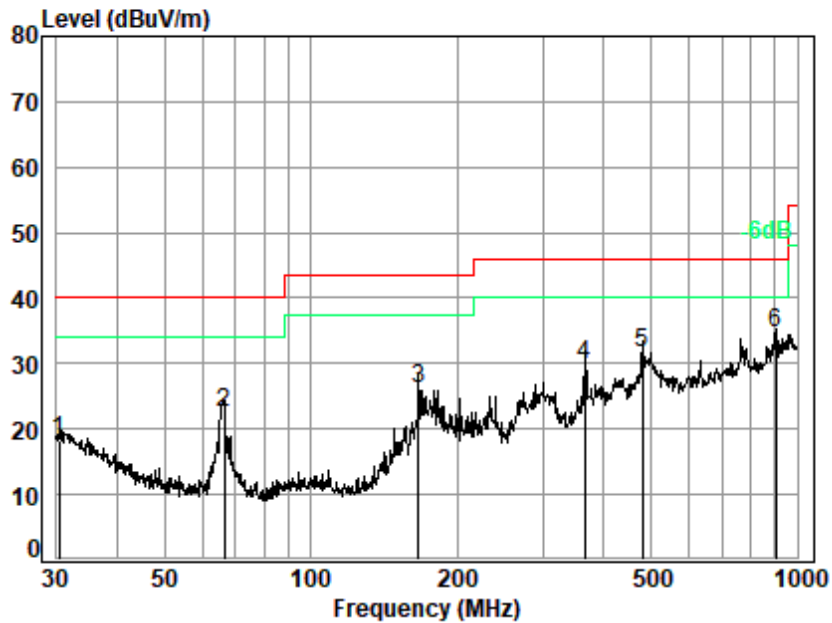
Condition: 3m HORIZONTAL

Job No. : 04261WM

Test Mode: 07

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	30.105	21.15	0.74	27.65	18.19	23.95	-21.81	40.00	QP
2	65.114	11.01	0.95	27.62	20.83	36.49	-19.17	40.00	QP
3	166.068	13.16	1.57	27.75	29.67	42.69	-13.83	43.50	QP
4 q	307.831	18.43	2.14	27.52	34.45	41.40	-11.55	46.00	QP
5	480.528	22.77	2.75	27.91	33.82	36.21	-12.18	46.00	QP
6	768.748	26.67	3.61	27.67	31.02	28.41	-14.98	46.00	QP

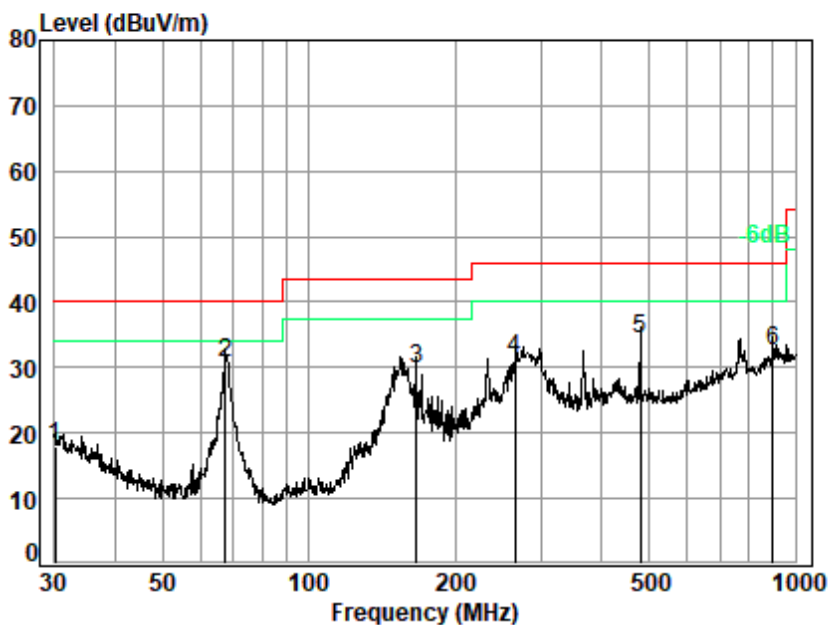
Test Mode: 07; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04261WM
Test Mode: 07

		Ant	Cable	Preamp	Read	Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.317	21.05	0.74	27.65	23.98	18.12	40.00	-21.88 QP
2	66.266	10.90	0.96	27.62	38.19	22.43	40.00	-17.57 QP
3	166.651	13.16	1.57	27.75	39.22	26.20	43.50	-17.30 QP
4	365.539	20.31	2.37	27.67	34.92	29.93	46.00	-16.07 QP
5	480.528	22.77	2.75	27.91	33.91	31.52	46.00	-14.48 QP
6 q	903.309	27.80	3.99	26.95	29.85	34.69	46.00	-11.31 QP

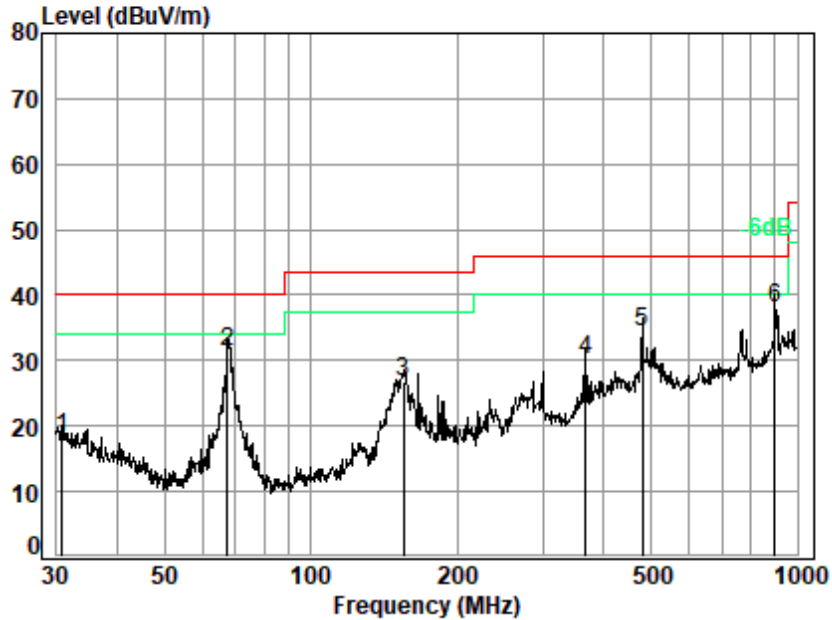
Test Mode: 08; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04261WM
Test Mode: 08

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	30.105	21.15	0.74	27.65	17.98	23.74	-22.02	40.00	QP
2 q	67.438	10.78	0.97	27.62	30.85	46.72	-9.15	40.00	QP
3	166.068	13.16	1.57	27.75	29.73	42.75	-13.77	43.50	QP
4	265.676	17.06	1.99	27.59	31.36	39.90	-14.64	46.00	QP
5	480.528	22.77	2.75	27.91	34.22	36.61	-11.78	46.00	QP
6	900.147	27.82	3.98	26.97	32.58	27.75	-13.42	46.00	QP

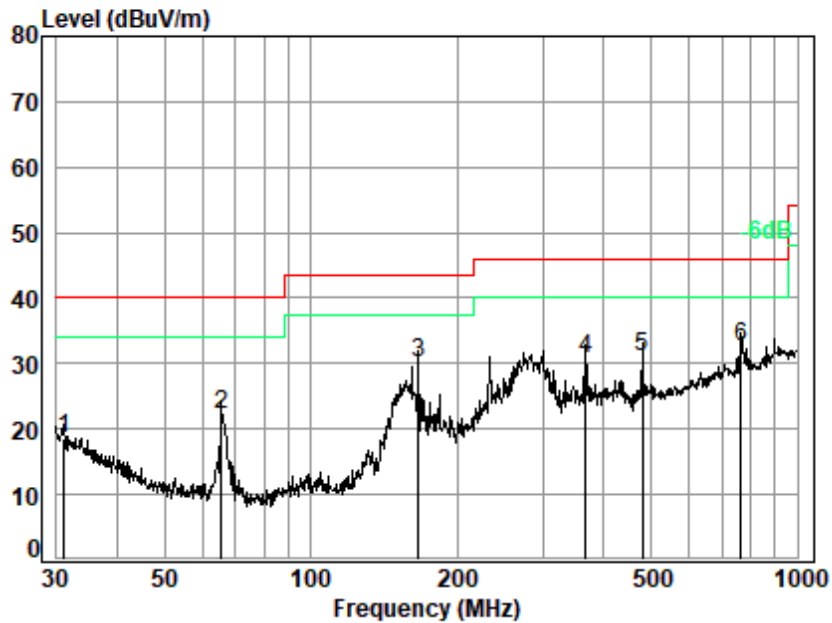
Test Mode: 08; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04261WM
Test Mode: 08

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	30.745	20.85	0.75	27.65	18.19	24.24	-21.81	40.00	QP
2	67.438	10.78	0.97	27.62	31.33	47.20	-8.67	40.00	QP
3	155.364	13.54	1.53	27.73	26.69	39.35	-16.81	43.50	QP
4	366.823	20.34	2.38	27.67	29.97	34.92	-16.03	46.00	QP
5	480.528	22.77	2.75	27.91	34.40	36.79	-11.60	46.00	QP
6 q	896.997	27.96	3.97	26.98	38.02	33.07	-7.98	46.00	QP

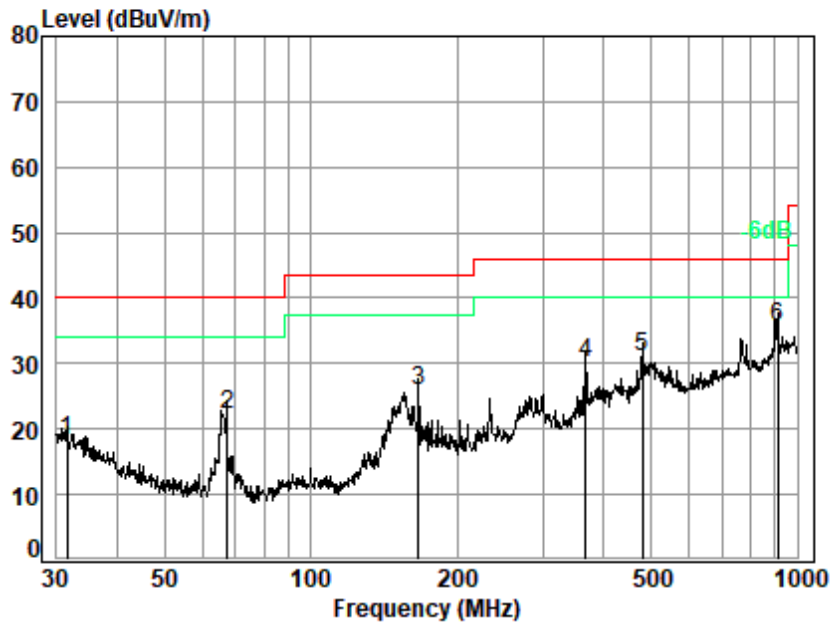
Test Mode: 09; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04261WM
Test Mode: 09

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	31.071	20.70	0.75	27.65	18.54	24.74	-21.46	40.00	QP
2	65.343	10.99	0.95	27.62	22.29	37.97	-17.71	40.00	QP
3	166.068	13.16	1.57	27.75	30.05	43.07	-13.45	43.50	QP
4	366.823	20.34	2.38	27.67	30.72	35.67	-15.28	46.00	QP
5	480.528	22.77	2.75	27.91	31.02	33.41	-14.98	46.00	QP
6 q	766.057	26.54	3.60	27.68	32.63	30.17	-13.37	46.00	QP

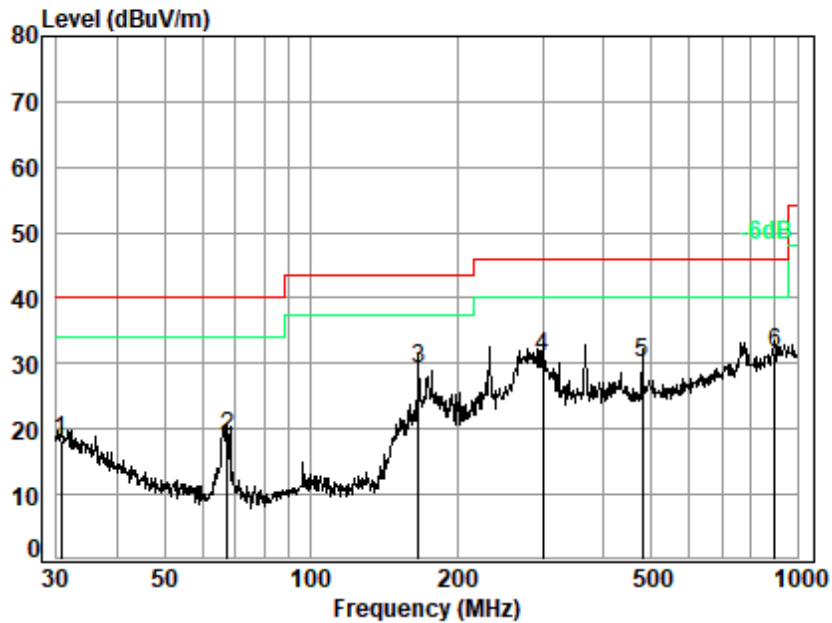
Test Mode: 09; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04261WM
Test Mode: 09

		Ant	Cable	Preamp	Read	Limit	Over	
	Freq	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	31.510	20.50	0.75	27.65	24.67	18.27	40.00	-21.73 QP
2	67.202	10.80	0.96	27.62	38.07	22.21	40.00	-17.79 QP
3	166.068	13.16	1.57	27.75	38.78	25.76	43.50	-17.74 QP
4	366.823	20.34	2.38	27.67	34.94	29.99	46.00	-16.01 QP
5	480.528	22.77	2.75	27.91	33.54	31.15	46.00	-14.85 QP
6 q	909.667	27.97	4.00	26.91	30.58	35.64	46.00	-10.36 QP

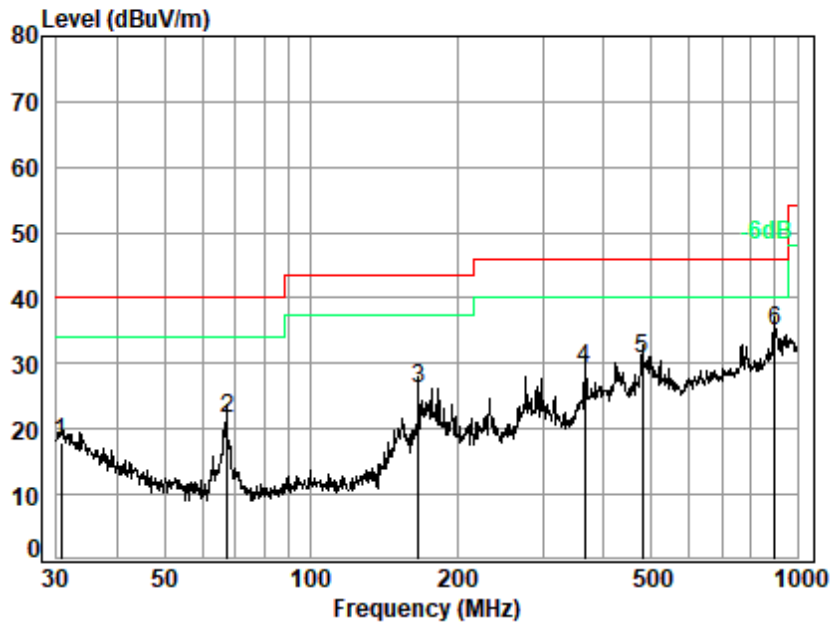
Test Mode: 10; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04261WM
Test Mode: 10

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	30.638	20.90	0.75	27.65	18.27	24.27	-21.73	40.00	QP
2	67.202	10.80	0.96	27.62	18.74	34.60	-21.26	40.00	QP
3 q	166.651	13.16	1.57	27.75	29.23	42.25	-14.27	43.50	QP
4	299.316	17.94	2.11	27.50	31.09	38.54	-14.91	46.00	QP
5	480.528	22.77	2.75	27.91	30.22	32.61	-15.78	46.00	QP
6	900.147	27.82	3.98	26.97	31.54	26.71	-14.46	46.00	QP

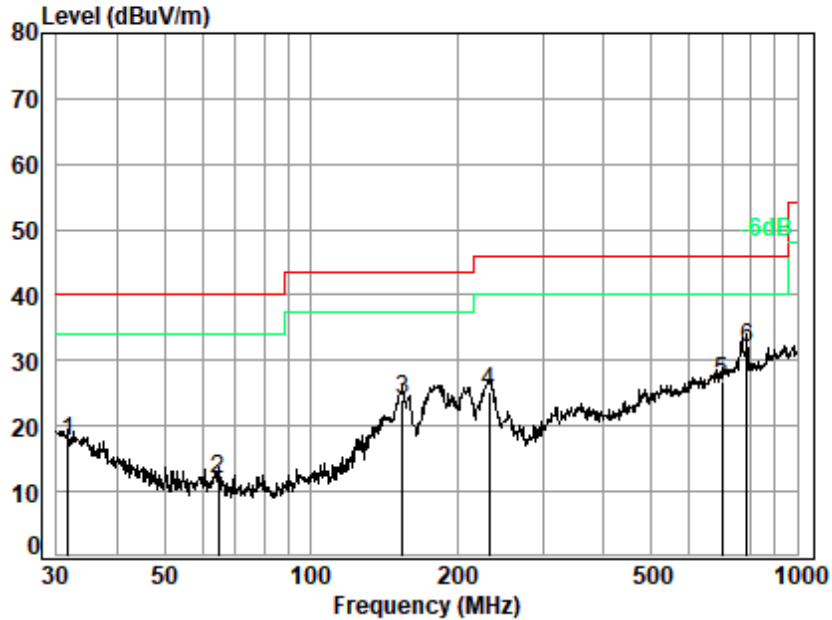
Test Mode: 10; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04261WM
Test Mode: 10

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	30.638	20.90	0.75	27.65	17.85	23.85	-22.15	40.00	QP
2	67.202	10.80	0.96	27.62	21.65	37.51	-18.35	40.00	QP
3	166.651	13.16	1.57	27.75	26.06	39.08	-17.44	43.50	QP
4	365.539	20.31	2.37	27.67	29.24	34.23	-16.76	46.00	QP
5	480.528	22.77	2.75	27.91	30.73	33.12	-15.27	46.00	QP
6 q	900.147	27.82	3.98	26.97	35.06	30.23	-10.94	46.00	QP

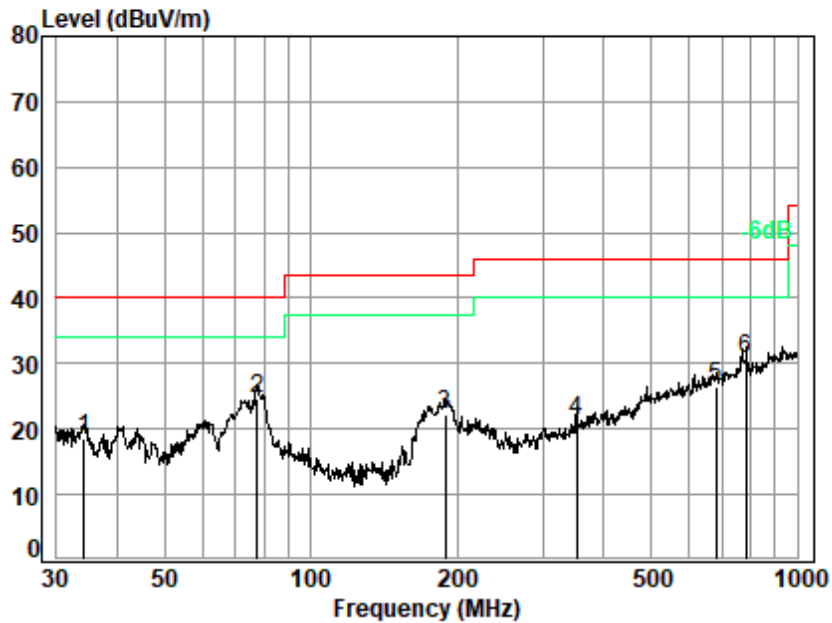
Test Mode: 11; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04261WM
Test Mode: 11

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	31.731	20.39	0.76	27.65	17.56	24.06	-22.44	40.00	QP
2	64.433	11.07	0.95	27.62	11.79	27.39	-28.21	40.00	QP
3	154.279	13.47	1.52	27.73	24.05	36.79	-19.45	43.50	QP
4	232.532	16.86	1.85	27.69	25.12	34.10	-20.88	46.00	QP
5	699.305	25.93	3.41	27.83	26.87	25.36	-19.13	46.00	QP
6 q	787.851	27.22	3.66	27.63	32.07	28.82	-13.93	46.00	QP

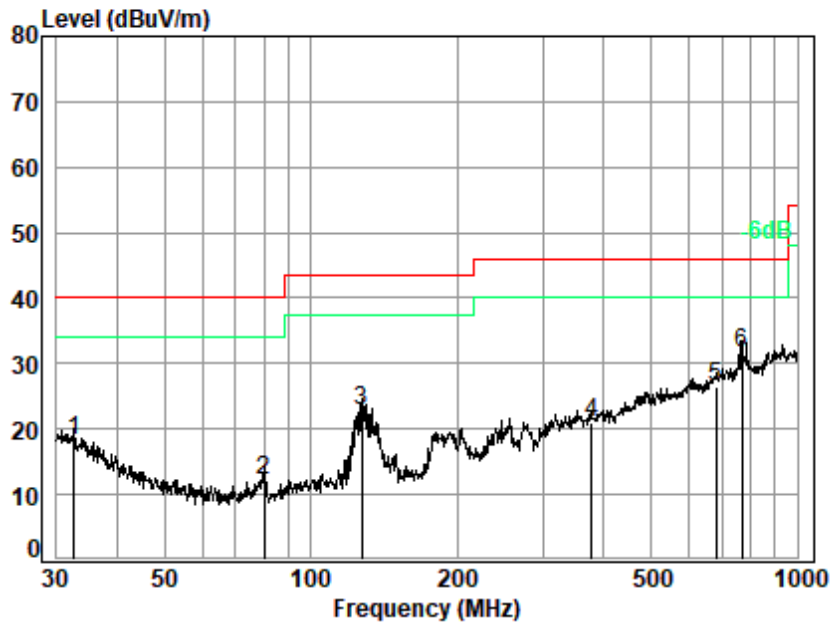
Test Mode: 11; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04261WM
Test Mode: 11

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	34.156	19.34	0.78	27.65	18.58	26.11	-21.42	40.00	QP
2	77.593	10.39	1.07	27.61	24.63	40.78	-15.37	40.00	QP
3	189.074	14.30	1.66	27.78	22.29	34.11	-21.21	43.50	QP
4	351.708	20.00	2.32	27.64	21.27	26.59	-24.73	46.00	QP
5	679.960	25.86	3.35	27.88	26.48	25.15	-19.52	46.00	QP
6 q	785.093	27.15	3.65	27.63	30.69	27.52	-15.31	46.00	QP

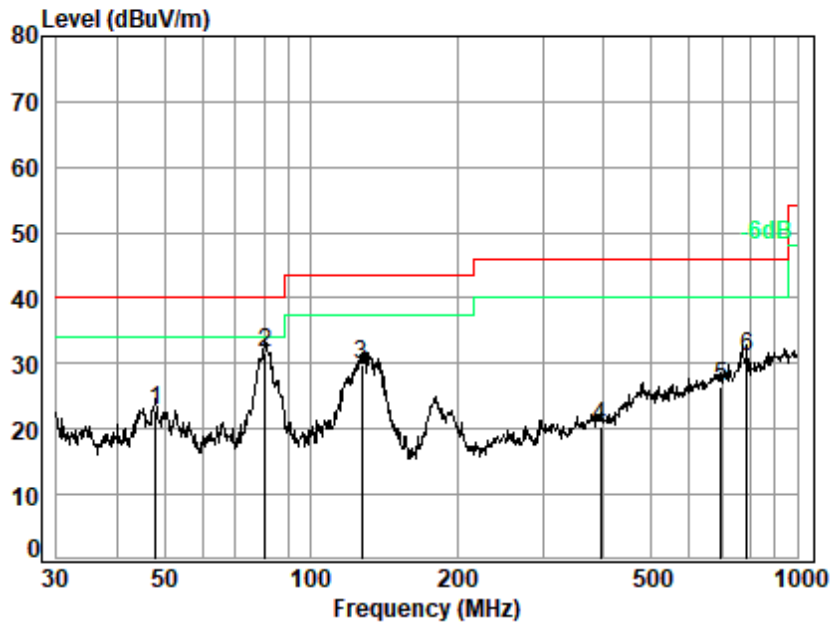
Test Mode: 12; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04261WM
Test Mode: 12

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	32.634	20.00	0.76	27.65	18.18	25.07	-21.82	40.00	QP
2	80.081	10.46	1.10	27.61	12.28	28.33	-27.72	40.00	QP
3	127.218	10.98	1.39	27.67	22.71	38.01	-20.79	43.50	QP
4	377.259	20.81	2.41	27.70	20.85	25.33	-25.15	46.00	QP
5	682.348	25.83	3.36	27.88	26.53	25.22	-19.47	46.00	QP
6 q	768.748	26.67	3.61	27.67	31.51	28.90	-14.49	46.00	QP

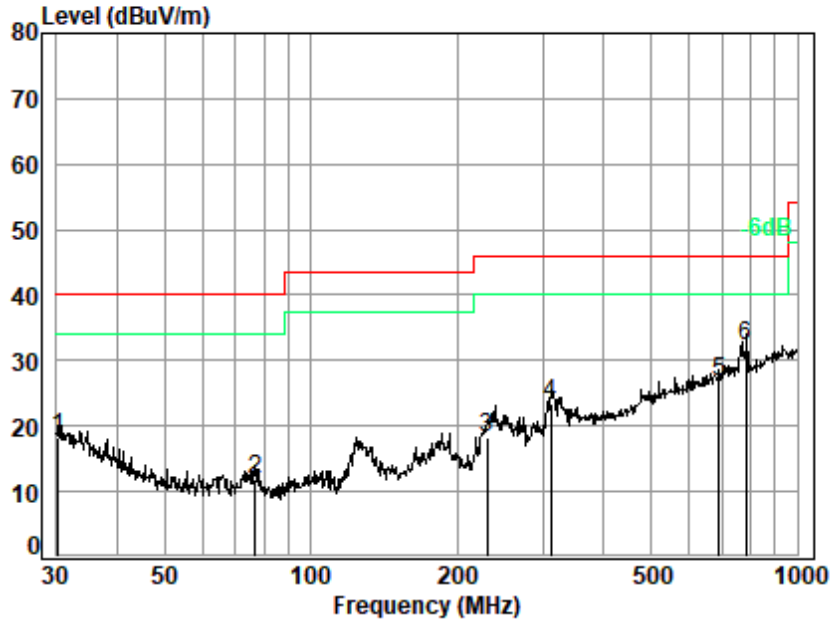
Test Mode: 12; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04261WM
Test Mode: 12

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	47.994	13.30	0.89	27.63	22.72	36.16	-17.28	40.00	QP
2 q	80.644	10.50	1.11	27.61	31.60	47.60	-8.40	40.00	QP
3	127.218	10.98	1.39	27.67	29.73	45.03	-13.77	43.50	QP
4	393.472	20.72	2.47	27.73	20.47	25.01	-25.53	46.00	QP
5	696.857	25.87	3.40	27.84	26.52	25.09	-19.48	46.00	QP
6	787.851	27.22	3.66	27.63	31.00	27.75	-15.00	46.00	QP

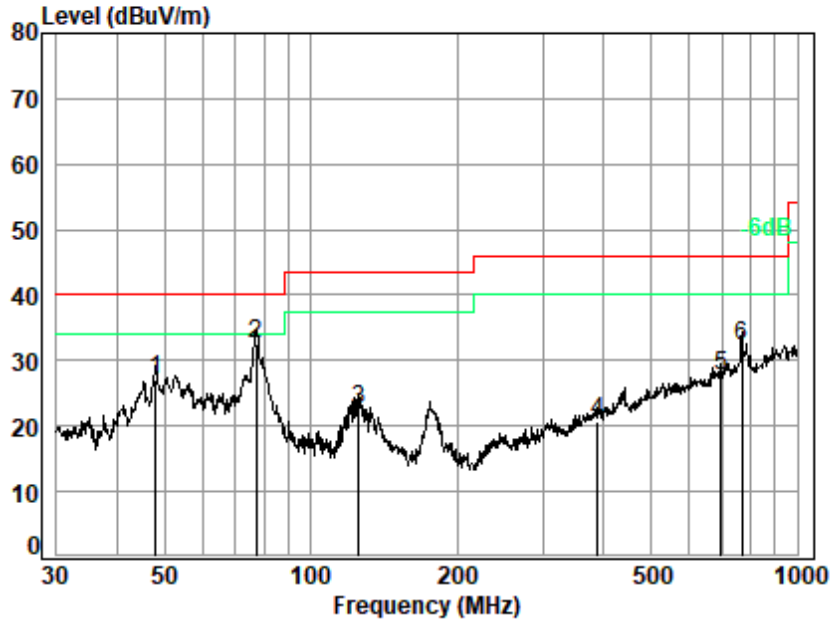
Test Mode: 13; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04261WM
Test Mode: 13

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	30.211	21.10	0.74	27.65	18.19	24.00	-21.81	40.00	QP
2	76.781	10.38	1.06	27.61	11.87	28.04	-28.13	40.00	QP
3	230.099	16.47	1.84	27.70	18.31	27.70	-27.69	46.00	QP
4	311.087	18.39	2.16	27.53	23.48	30.46	-22.52	46.00	QP
5	691.987	25.76	3.39	27.85	26.66	25.36	-19.34	46.00	QP
6 q	785.093	27.15	3.65	27.63	32.13	28.96	-13.87	46.00	QP

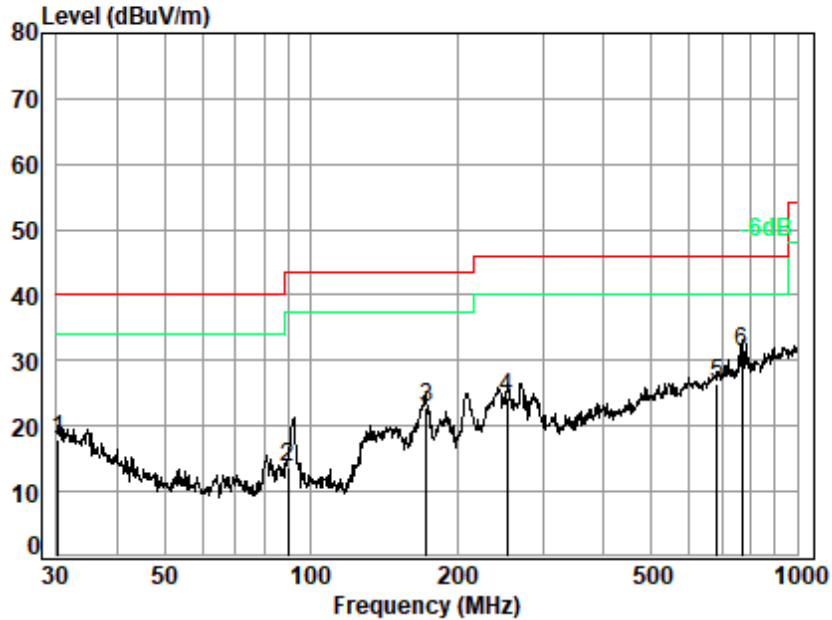
Test Mode: 13; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04261WM
Test Mode: 13

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	47.994	13.30	0.89	27.63	27.11	40.55	-12.89	40.00	QP
2 q	77.051	10.39	1.07	27.61	32.66	48.81	-7.34	40.00	QP
3	125.446	10.98	1.38	27.67	22.66	37.97	-20.84	43.50	QP
4	389.355	20.78	2.45	27.73	20.75	25.25	-25.25	46.00	QP
5	696.857	25.87	3.40	27.84	27.56	26.13	-18.44	46.00	QP
6	768.748	26.67	3.61	27.67	32.29	29.68	-13.71	46.00	QP

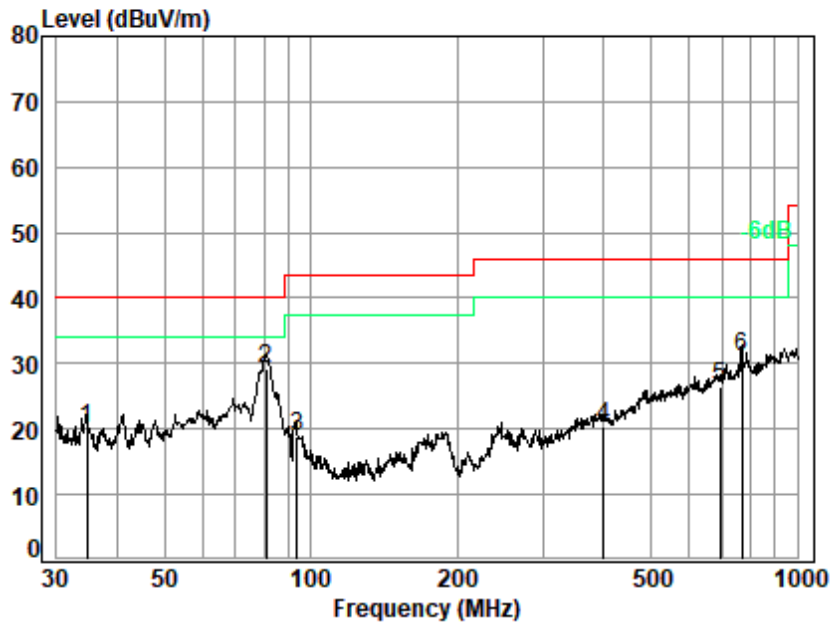
Test Mode: 14; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04261WM
Test Mode: 14

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	30.211	21.10	0.74	27.65	17.95	23.76	-22.05	40.00	QP
2	89.905	11.72	1.18	27.60	13.69	28.39	-29.81	43.50	QP
3	172.599	13.56	1.60	27.76	22.92	35.52	-20.58	43.50	QP
4	252.948	17.28	1.94	27.63	24.44	32.85	-21.56	46.00	QP
5	684.745	25.76	3.37	27.87	26.41	25.15	-19.59	46.00	QP
6 q	768.748	26.67	3.61	27.67	31.26	28.65	-14.74	46.00	QP

Test Mode: 14; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04261WM
Test Mode: 14

		Ant	Cable	Preamp		Read	Over	Limit	
	Freq	Factor	Loss	Factor	Level	Level	Limit	Line	Remark
	MHz	dB/m	dB	dB	dBuV/m	dBuV	dB	dBuV/m	
1	34.639	19.07	0.78	27.65	20.21	28.01	-19.79	40.00	QP
2 q	80.927	10.53	1.11	27.61	29.35	45.32	-10.65	40.00	QP
3	93.440	12.00	1.19	27.60	18.85	33.26	-24.65	43.50	QP
4	399.030	20.63	2.49	27.75	20.26	24.89	-25.74	46.00	QP
5	694.417	25.81	3.39	27.85	26.33	24.98	-19.67	46.00	QP
6	768.748	26.67	3.61	27.67	30.93	28.32	-15.07	46.00	QP

6.3 Radiated Emissions (Above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014 +C63.4a-2017
Measurement Distance: 3m

Limit:

Above 1GHz 74(dBμV/m) peak, 54(dBμV/m) average at 3m distance
83.54(dBμV/m) peak, 63.54(dBμV/m) average at 1m distance

Detector: Peak for pre-scan (1MHz resolution bandwidth) 1GHz to 40GHz

6.3.1 E.U.T. Operation

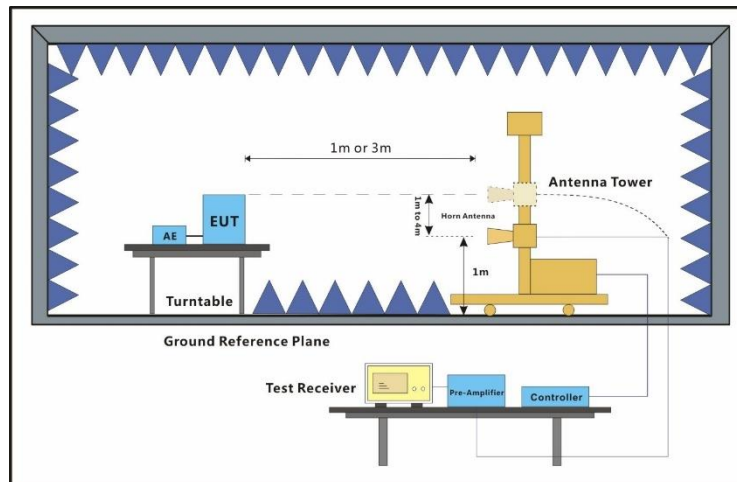
Operating Environment:

Temperature: 23.5 °C Humidity: 56.3 % RH Atmospheric Pressure: 1020 mbar

6.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	Transfer data between the EUT1 and the PC+USB cable1
Final test	08	Transfer data between the EUT2 and the PC+USB cable2
Final test	09	Transfer data between the EUT3 and the PC+USB cable3
Final test	10	Transfer data between the EUT1 and the PC+USB cable4
Final test	11	EUT1:adapter1+usb Cable1/Earphone+MP4+BT(Idle)+5GWLAN(Idle)+GNSS +GSM850(RX)
Pre-scan	12	EUT2:adapter2+usb Cable2/Earphone+MP4+BT(Idle)+2.4GWLAN(Idle)+GNSS +WCDMA Band 5(RX)
Pre-scan	13	EUT3:adapter1+usb Cable3/Earphone+MP4+BT(Idle)+5GWLAN(Idle)+GNSS +LTE Band 5(RX)
Pre-scan	14	EUT1:adapter1+usb Cable4/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +MP4+LTE Band 26(RX)
Pre-scan	16	EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +Camera(Rear)+NR n5(RX)
Pre-scan	18	EUT1:adapter1+usb Cable1/Earphone+BT(Idle)+5GWLAN(Idle)+GNSS +Camera(Front)+NR n71(RX)
Pre-scan	19	EUT1:OTG USB Reverse Charging:9V/3A+NFC

6.3.3 Test Setup Diagram



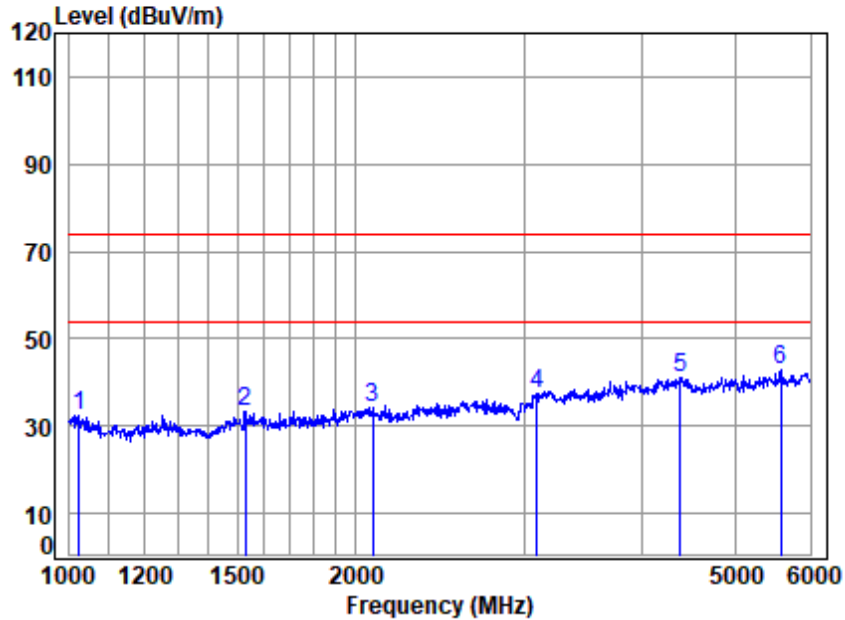
6.3.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

The red line show in graphic is the limit in standard used in this section.

Remark: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$

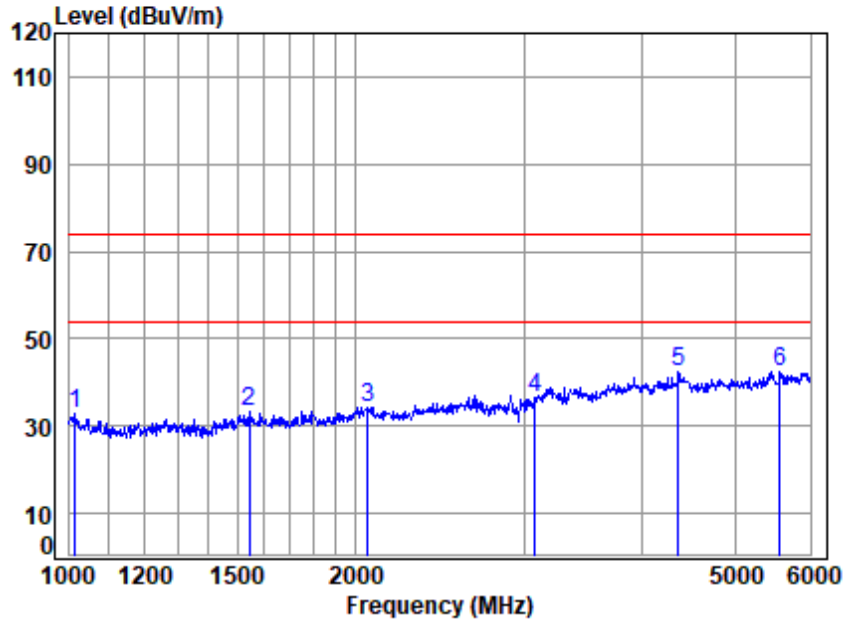
Test Mode: 07; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 04261WM
Mode : 07

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1023.566	5.86	25.55	54.61	55.57	32.37	74.00	-41.63	peak
2	1529.051	4.99	26.92	54.78	56.30	33.43	74.00	-40.57	peak
3	2080.961	5.08	28.88	54.91	55.28	34.33	74.00	-39.67	peak
4	3097.515	5.95	31.53	54.92	54.76	37.32	74.00	-36.68	peak
5	4377.203	7.11	34.62	54.26	53.65	41.12	74.00	-32.88	peak
6 p	5585.026	8.30	34.70	53.53	53.30	42.77	74.00	-31.23	peak

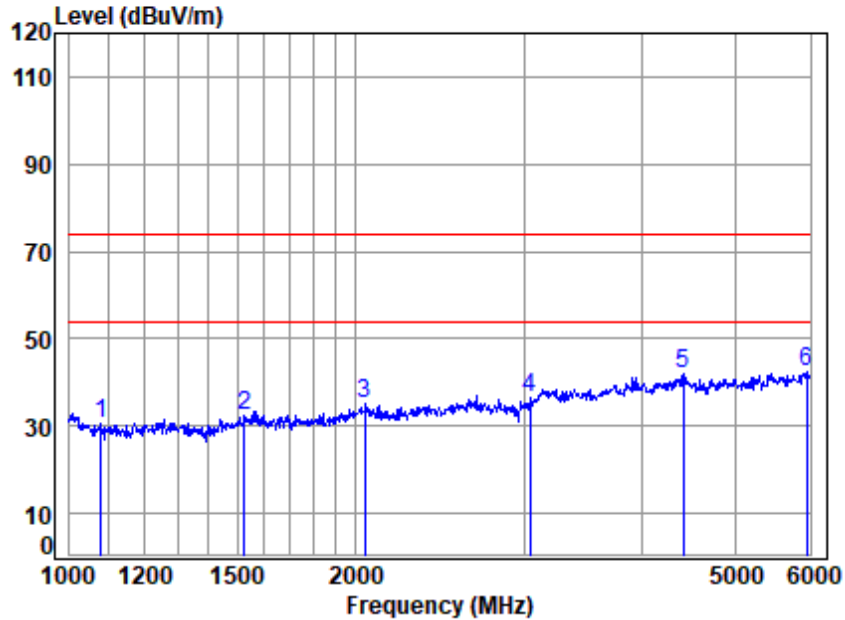
Test Mode: 07; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 04261WM
Mode : 07

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1012.621	5.88	25.90	54.61	55.88	33.05	74.00	-40.95	peak
2	1545.577	4.99	26.98	54.79	56.29	33.47	74.00	-40.53	peak
3	2055.023	5.06	28.98	54.91	55.22	34.35	74.00	-39.65	peak
4	3080.910	5.94	31.07	54.94	54.46	36.53	74.00	-37.47	peak
5 p	4361.545	7.10	34.49	54.26	54.98	42.31	74.00	-31.69	peak
6	5575.028	8.28	34.70	53.54	52.84	42.28	74.00	-31.72	peak

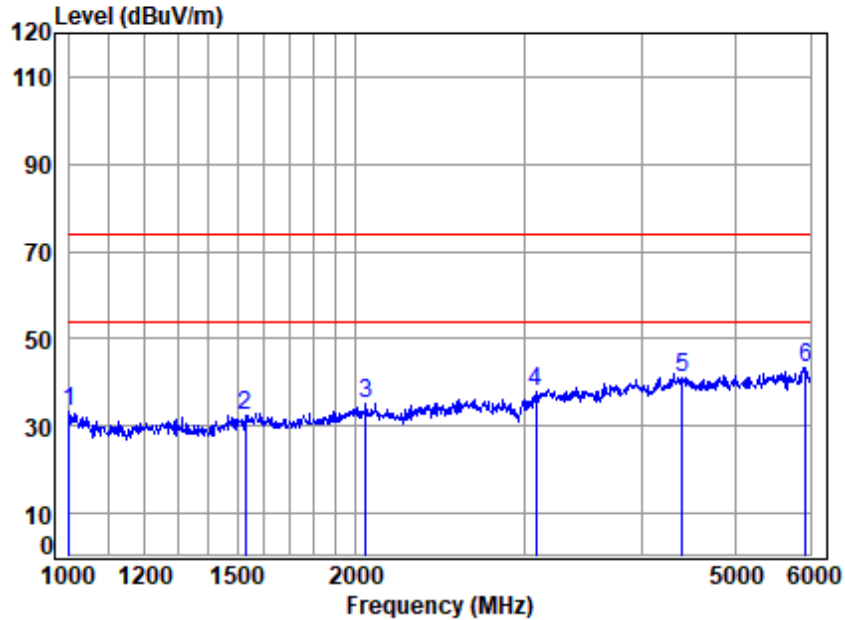
Test Mode: 08; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 04261WM
Mode : 08

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1078.158	5.74	24.14	54.63	55.18	30.43	74.00	-43.57	Peak
2	1526.313	4.99	26.91	54.78	55.32	32.44	74.00	-41.56	peak
3	2044.007	5.05	28.98	54.91	55.93	35.05	74.00	-38.95	peak
4	3042.509	5.92	30.20	54.97	55.38	36.53	74.00	-37.47	peak
5	4408.687	7.12	34.70	54.26	54.31	41.87	74.00	-32.13	peak
6 p	5946.487	8.85	34.69	53.15	51.90	42.29	74.00	-31.71	peak

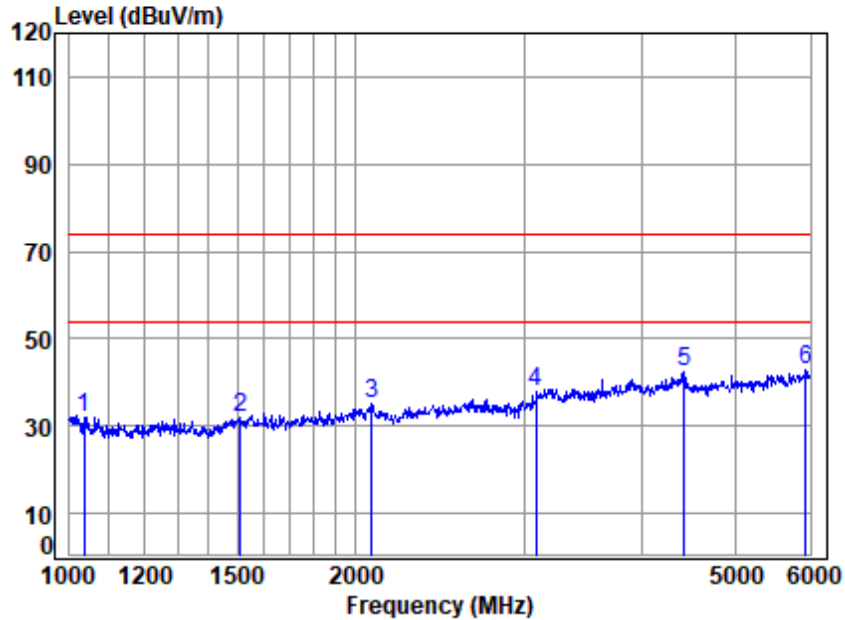
Test Mode: 08; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 04261WM
Mode : 08

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1000.000	5.91	26.30	54.60	55.88	33.49	74.00	-40.51	peak
2	1529.051	4.99	26.92	54.78	55.26	32.39	74.00	-41.61	peak
3	2047.672	5.05	28.99	54.91	55.98	35.11	74.00	-38.89	peak
4	3086.435	5.95	31.22	54.93	55.65	37.89	74.00	-36.11	peak
5	4400.794	7.12	34.79	54.26	53.42	41.07	74.00	-32.93	peak
6 p	5935.842	8.83	34.67	53.16	52.83	43.17	74.00	-30.83	peak

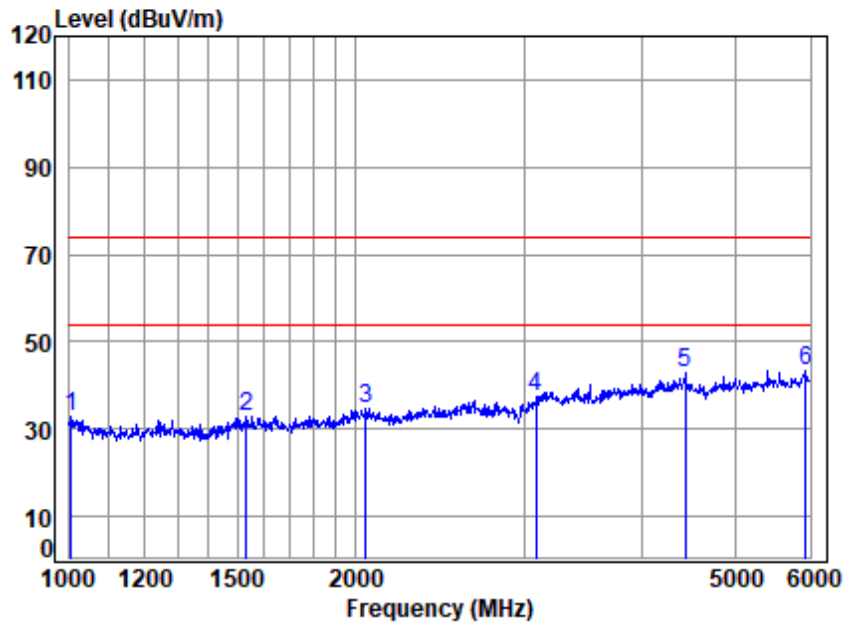
Test Mode: 09; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 04261WM
Mode : 09

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1034.630	5.83	25.19	54.61	55.60	32.01	74.00	-41.99	Peak
2	1512.700	4.99	26.85	54.78	55.02	32.08	74.00	-41.92	peak
3	2077.235	5.08	28.89	54.91	56.19	35.25	74.00	-38.75	peak
4	3091.970	5.95	31.38	54.93	55.57	37.97	74.00	-36.03	peak
5	4424.514	7.13	34.51	54.25	54.92	42.31	74.00	-31.69	peak
6 p	5935.842	8.83	34.67	53.16	52.40	42.74	74.00	-31.26	peak

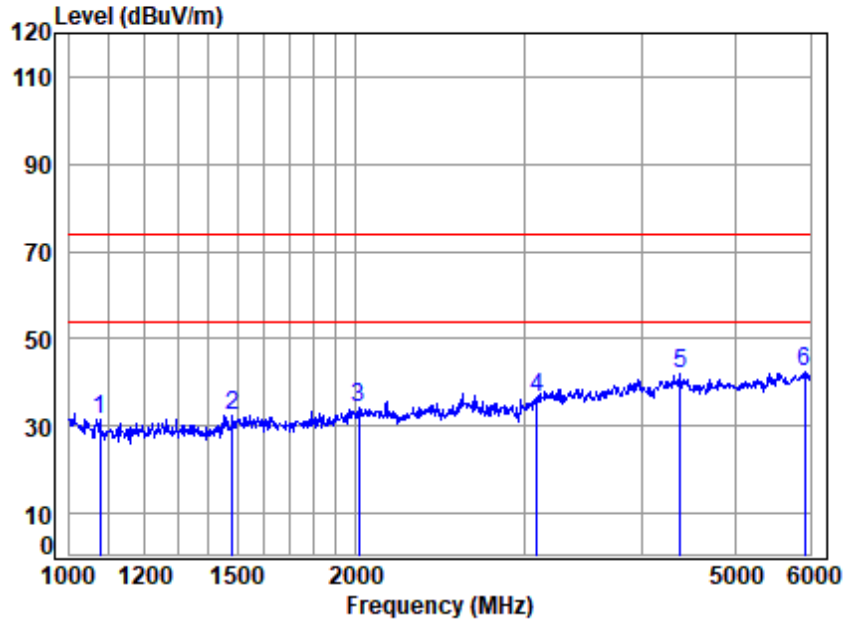
Test Mode: 09; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 04261WM
Mode : 09

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1003.590	5.90	26.19	54.60	55.39	32.88	74.00	-41.12	peak
2	1534.540	4.99	26.94	54.79	55.51	32.65	74.00	-41.35	peak
3	2047.672	5.05	28.99	54.91	55.67	34.80	74.00	-39.20	peak
4	3091.970	5.95	31.38	54.93	54.94	37.34	74.00	-36.66	peak
5	4432.448	7.14	34.41	54.25	55.69	42.99	74.00	-31.01	peak
6 p	5935.842	8.83	34.67	53.16	52.85	43.19	74.00	-30.81	peak

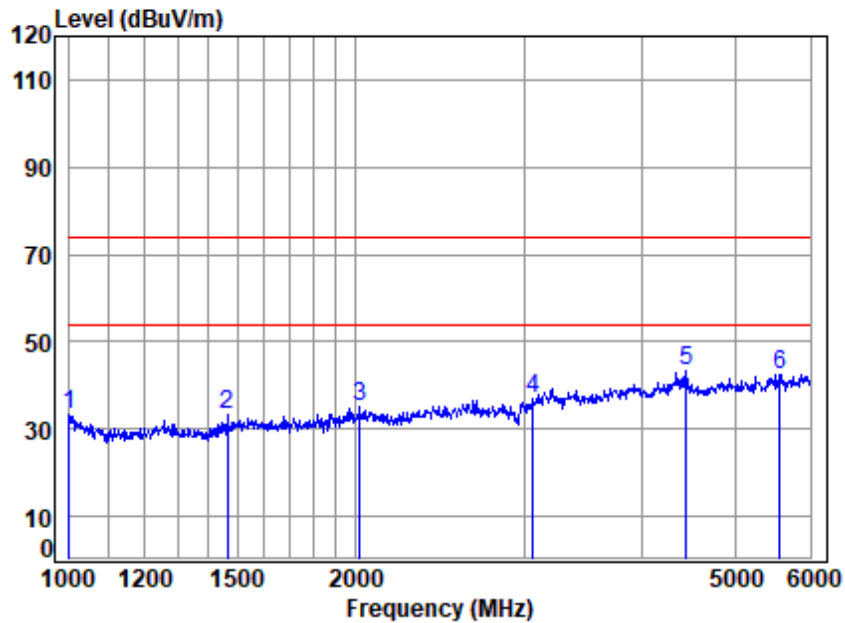
Test Mode: 10; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 04261WM
Mode : 10

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1076.228	5.74	24.18	54.63	56.18	31.47	74.00	-42.53	Peak
2	1483.178	5.02	26.33	54.77	56.01	32.59	74.00	-41.41	peak
3	2011.310	5.02	28.85	54.90	55.47	34.44	74.00	-39.56	peak
4	3097.515	5.95	31.53	54.92	53.78	36.34	74.00	-37.66	peak
5	4377.203	7.11	34.62	54.26	54.29	41.76	74.00	-32.24	peak
6 p	5914.609	8.80	34.63	53.19	52.15	42.39	74.00	-31.61	peak

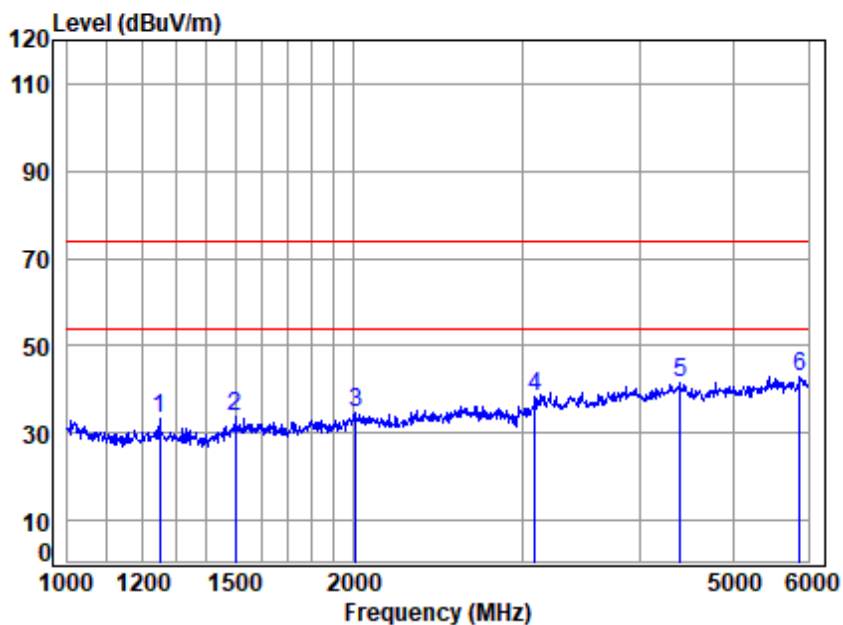
Test Mode: 10; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 04261WM
Mode : 10

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1000.000	5.91	26.30	54.60	55.81	33.42	74.00	-40.58	peak
2	1464.692	5.04	25.81	54.77	57.15	33.23	74.00	-40.77	peak
3	2018.530	5.03	28.87	54.90	55.94	34.94	74.00	-39.06	peak
4	3069.889	5.93	30.76	54.94	55.18	36.93	74.00	-37.07	peak
5 p	4448.361	7.14	34.22	54.25	56.13	43.24	74.00	-30.76	peak
6	5575.028	8.28	34.70	53.54	53.13	42.57	74.00	-31.43	peak

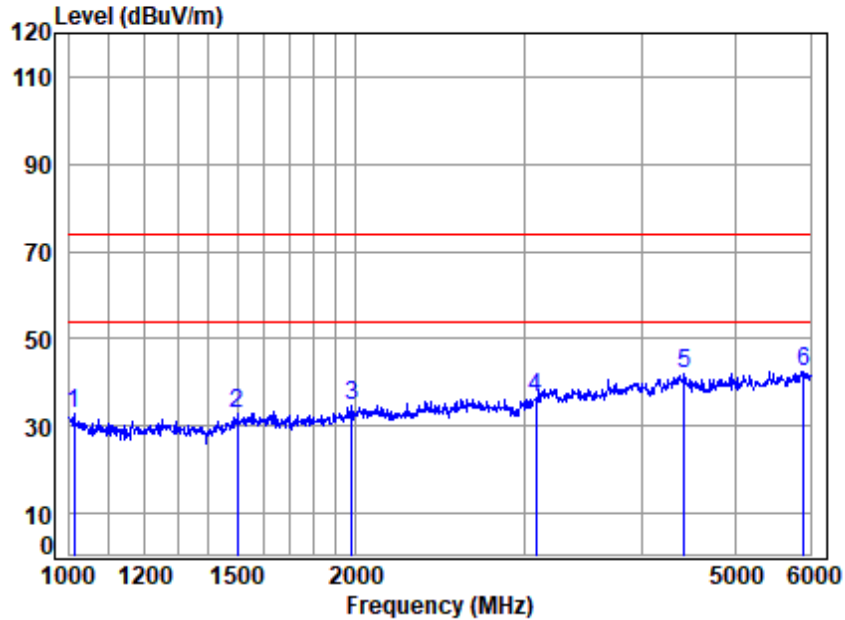
Test Mode: 11; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 04261WM
Mode : 11

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1248.794	5.41	25.08	54.70	57.60	33.39	74.00	-40.61	Peak
2	1501.898	4.99	26.81	54.78	56.75	33.77	74.00	-40.23	peak
3	2007.709	5.02	28.83	54.90	55.86	34.81	74.00	-39.19	peak
4	3097.515	5.95	31.53	54.92	55.60	38.16	74.00	-35.84	peak
5	4400.794	7.12	34.79	54.26	53.88	41.53	74.00	-32.47	peak
6 p	5872.370	8.74	34.49	53.23	52.71	42.71	74.00	-31.29	peak

Test Mode: 11; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 04261WM
Mode : 11

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1010.809	5.89	25.95	54.60	55.68	32.92	74.00	-41.08	peak
2	1501.898	4.99	26.81	54.78	55.90	32.92	74.00	-41.08	peak
3	1979.136	5.01	28.42	54.90	56.09	34.62	74.00	-39.38	peak
4	3086.435	5.95	31.22	54.93	54.35	36.59	74.00	-37.41	peak
5	4424.514	7.13	34.51	54.25	54.39	41.78	74.00	-32.22	peak
6 p	5904.021	8.79	34.61	53.20	52.39	42.59	74.00	-31.41	peak



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7 Test Setup Photo

Refer to SUCR2509000964WM_Appendix A.1_Setup Photo

8 EUT Constructional Details (EUT Photos)

Refer to SUCR2509000964WM_Appendix_External Photo & Internal Photo

- End of the Report -