

TEST REPORT

Application No.: SZCR2410003954WM
Applicant: Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address of Applicant: No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Manufacturer: Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address of Manufacturer: No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Equipment Under Test (EUT):
EUT Name: Mobile Phone
Model No.: RMX5051
Trade Mark: realme
FCC ID: 2AUYFRMX5051
Standard(s) : 47 CFR Part 15, Subpart B
Date of Receipt: 2024-10-25
Date of Test: 2024-11-06 to 2024-11-08
Date of Issue: 2024-11-18

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

Keny Xu

Keny Xu
EMC Laboratory Manager



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Shenzhen Branch EMC Laboratory

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2024-11-18		Original

Authorized for issue by:				
		Sherlock Fang		
		Sherlock Fang/Project Engineer		
		Eric Fu		
		Eric Fu/Reviewer		



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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	15.107(a);Class B	Pass
Radiated Emissions (30MHz-1GHz)		ANSI C63.4:2014	15.109(a);Class B	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.4:2014	15.109(g);Class B	Pass



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 3.92V from internal rechargeable battery which can be charged by AC/DC adapter
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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.

Item No.	Mode No.	Manufacturer
Adapter 1	VCB80AUH	Dongguan Aohai Technology Co., Ltd.
Adapter 2	VCB80AUH	Huizhou Golden Lake Industrial Co., Ltd.
USB cable	DL129	/
Battery	BLPB77	Dongguan NVT Technology Co., Ltd

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Router	NETGEAR	DGN2200	REF. No.SEA22A00
Laptop	Lenovo	T14	REF. No.SEA18F04
Mouse	Lenovo	M-U0025-O	REF. No.:SEA24A00
Earphone	OPPO	MH135	/

4.3 Test modes

Pretest these modes to find the worst case and show the worse data in the test items:	19 Transfer data between the EUT and the PC+USB Cable 20 Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter1/earphone 21 Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter2/earphone 22 Telecom Idle+EUT+NFC+BT+WLAN5G+USB cable+Adapter(worst)/earphone 23 Telecom Idle+EUT+NFC+camera(Front)+USB cable+Adapter(worst)/earphone 24 Telecom Idle+EUT+NFC+camera(Back)+USB cable+Adapter(worst)/earphone 25 Telecom Idle+EUT+NFC+BT+WLAN2.4G+GNSS+OTG output 26 GSM 850(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone 27 WCDMA Band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone 28 LTE band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone 29 LTE band 12(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone 30 LTE band 13(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone 31 LTE band 17(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone 32 LTE band 26(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
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34	NR_SA_N5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
35	NR_SA_N26(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone

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.	



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4.5 Test Location

All tests were performed at:

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

No tests were sub-contracted.

4.6 Test Facility

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

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC –Designation Number: CN1336

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.

• Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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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	2022-05-14	2025-05-13
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2024-01-30	2025-01-29
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2024-07-06	2025-07-05
LISN	Rohde&Schwarz	ENV216	SEM007-01	2024-08-15	2025-08-14
LISN	ETS-LINDGREN	3816/2	SEM007-02	2024-03-14	2025-03-13

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	2024-08-14	2025-08-13
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2023-09-16	2025-09-15
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2024-03-14	2025-03-13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2024-07-06	2025-07-05

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2024-05-11	2027-05-10
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2024-03-15	2025-03-14
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2023-07-23	2025-07-22
Microwave system amplifier	Agilent	83017A	SEM005-25	2024-09-14	2025-09-13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2024-07-06	2025-07-05

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General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2024-07-24	2025-07-23
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2024-07-24	2025-07-23
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2024-03-18	2025-03-17
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-03	2024-03-14	2025-03-13
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-11	2024-03-14	2025-03-13
Radio Communication Analyzer	Anritsu	MT8821C	SEM010-09	2024-03-14	2025-03-13
Radio Communication Analyzer	Anritsu	MT8000A	SEM010-10	2024-03-14	2025-03-13



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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

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: 22.5 °C

Humidity: 44.5 % RH

Atmospheric Pressure: 1020 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	19	Transfer data between the EUT and the PC+USB Cable
Final test	20	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter1/earphone
Final test	21	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter2/earphone
Final test	22	Telecom Idle+EUT+NFC+BT+WLAN5G+USB cable+Adapter(worst)/earphone
Pre-scan	23	Telecom Idle+EUT+NFC+camera(Front)+USB cable+Adapter(worst)/earphone
Pre-scan	24	Telecom Idle+EUT+NFC+camera(Back)+USB cable+Adapter(worst)/earphone
Pre-scan	25	Telecom Idle+EUT+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	26	GSM 850(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	27	WCDMA Band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	28	LTE band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	34	NR_SA_N5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone



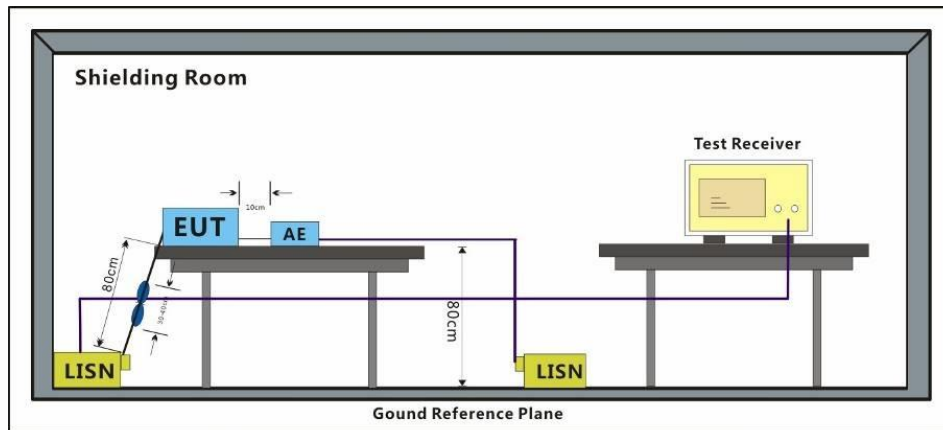
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6.1.3 Test Setup Diagram



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: Level= Read Level+ Cable Loss+ LISN Factor



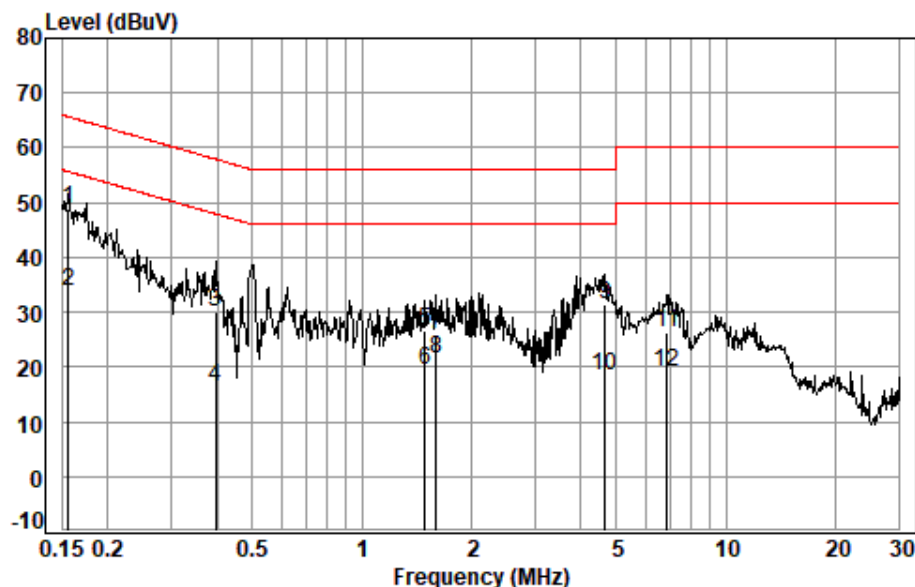
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Test Mode: 19; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 03954WM
Test mode: 19

	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	9.81	38.83	48.70	65.65	-16.95	QP
2 *	0.1565	0.06	9.81	23.99	33.86	55.65	-21.79	Average
3	0.3955	0.07	9.73	20.15	29.95	57.95	-28.00	QP
4	0.3955	0.07	9.73	6.69	16.49	47.95	-31.46	Average
5	1.4874	0.10	9.68	16.68	26.46	56.00	-29.54	QP
6	1.4874	0.10	9.68	9.71	19.49	46.00	-26.51	Average
7	1.6020	0.10	9.68	16.26	26.04	56.00	-29.96	QP
8	1.6020	0.10	9.68	11.81	21.59	46.00	-24.41	Average
9	4.6469	0.12	9.64	21.78	31.54	56.00	-24.46	QP
10	4.6469	0.12	9.64	8.80	18.56	46.00	-27.44	Average
11	6.9141	0.16	9.83	16.17	26.16	60.00	-33.84	QP
12	6.9141	0.16	9.83	9.11	19.10	50.00	-30.90	Average



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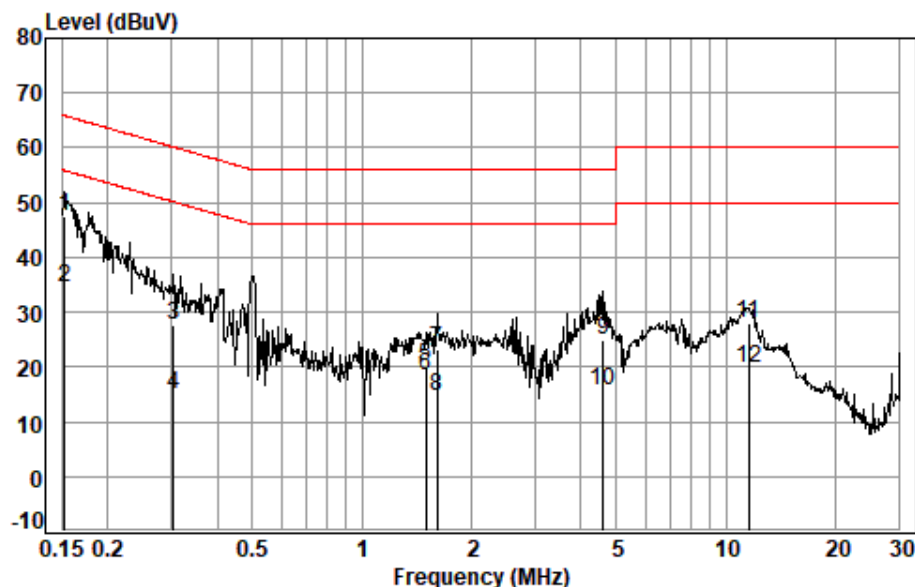
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Report No.: SZCR241000395401

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Test Mode: 19; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 03954WM
Test mode: 19

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1524	0.06	9.82	37.49	47.37	65.87	-18.50	QP
2 *	0.1524	0.06	9.82	24.58	34.46	55.87	-21.41	Average
3	0.3035	0.07	9.79	17.85	27.71	60.15	-32.44	QP
4	0.3035	0.07	9.79	5.20	15.06	50.15	-35.09	Average
5	1.5033	0.10	9.71	10.20	20.01	56.00	-35.99	QP
6	1.5033	0.10	9.71	8.45	18.26	46.00	-27.74	Average
7	1.6105	0.10	9.70	13.47	23.27	56.00	-32.73	QP
8	1.6105	0.10	9.70	4.92	14.72	46.00	-31.28	Average
9	4.5979	0.12	9.66	15.29	25.07	56.00	-30.93	QP
10	4.5979	0.12	9.66	5.80	15.58	46.00	-30.42	Average
11	11.5594	0.22	10.06	17.69	27.97	60.00	-32.03	QP
12	11.5594	0.22	10.06	9.35	19.63	50.00	-30.37	Average



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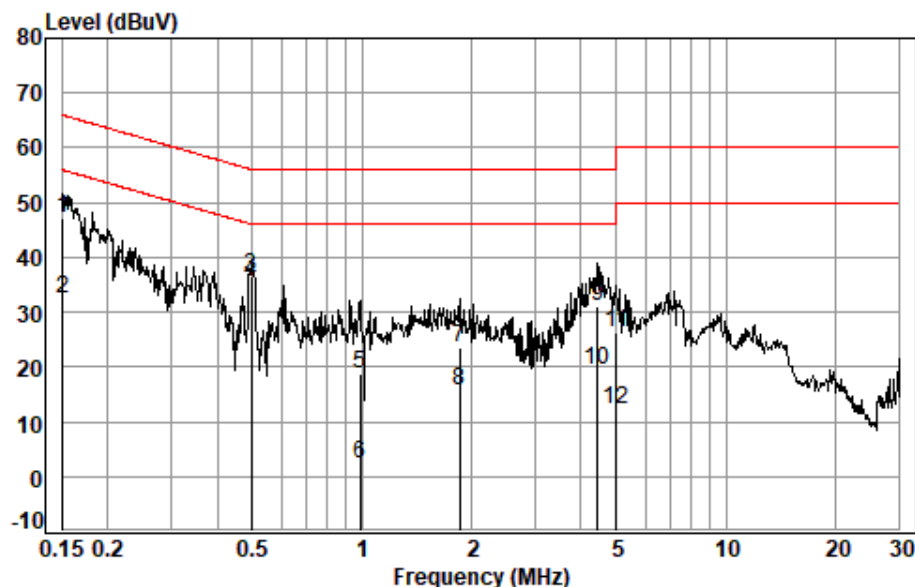
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Test Mode: 20; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 03954WM

Test mode: 20

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1508	0.06	9.81	37.27	47.14	65.96	-18.82	QP
2	0.1508	0.06	9.81	22.63	32.50	55.96	-23.46	Average
3	0.4967	0.08	9.71	26.87	36.66	56.05	-19.39	QP
4 *	0.4967	0.08	9.71	25.58	35.37	46.05	-10.68	Average
5	0.9891	0.09	9.71	8.96	18.76	56.00	-37.24	QP
6	0.9891	0.09	9.71	-7.37	2.43	46.00	-43.57	Average
7	1.8581	0.10	9.67	13.66	23.43	56.00	-32.57	QP
8	1.8581	0.10	9.67	5.98	15.75	46.00	-30.25	Average
9	4.4540	0.12	9.64	21.20	30.96	56.00	-25.04	QP
10	4.4540	0.12	9.64	9.51	19.27	46.00	-26.73	Average
11	5.0046	0.12	9.64	16.66	26.42	60.00	-33.58	QP
12	5.0046	0.12	9.64	2.44	12.20	50.00	-37.80	Average



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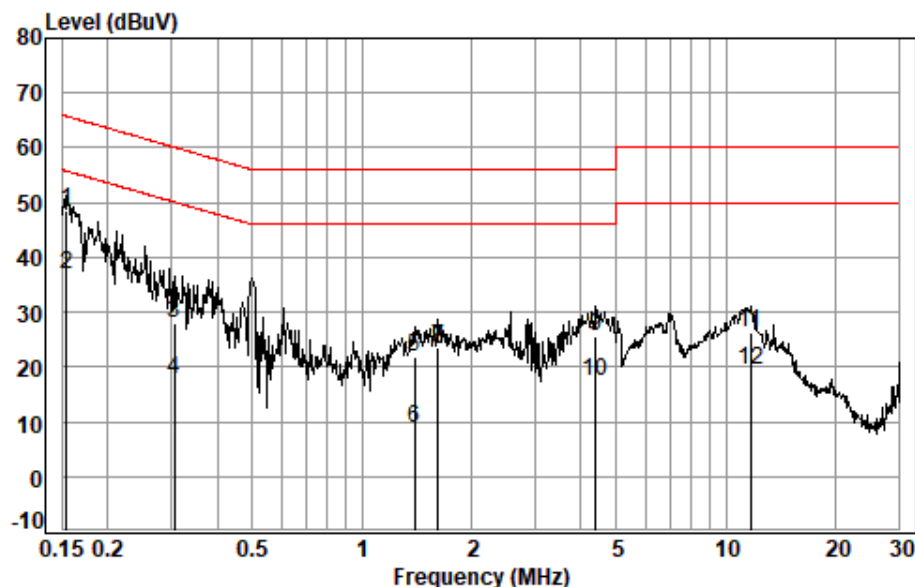
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Test Mode: 20; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 03954WM
Test mode: 20

	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	9.82	38.56	48.44	65.78	-17.34	QP
2 *	0.1540	0.06	9.82	26.89	36.77	55.78	-19.01	Average
3	0.3051	0.07	9.79	18.00	27.86	60.10	-32.24	QP
4	0.3051	0.07	9.79	8.02	17.88	50.10	-32.22	Average
5	1.3958	0.10	9.71	11.90	21.71	56.00	-34.29	QP
6	1.3958	0.10	9.71	-1.05	8.76	46.00	-37.24	Average
7	1.6190	0.10	9.70	13.58	23.38	56.00	-32.62	QP
8	1.6190	0.10	9.70	13.26	23.06	46.00	-22.94	Average
9	4.3838	0.12	9.66	15.73	25.51	56.00	-30.49	QP
10	4.3838	0.12	9.66	7.73	17.51	46.00	-28.49	Average
11	11.6826	0.22	10.06	16.12	26.40	60.00	-33.60	QP
12	11.6826	0.22	10.06	9.23	19.51	50.00	-30.49	Average



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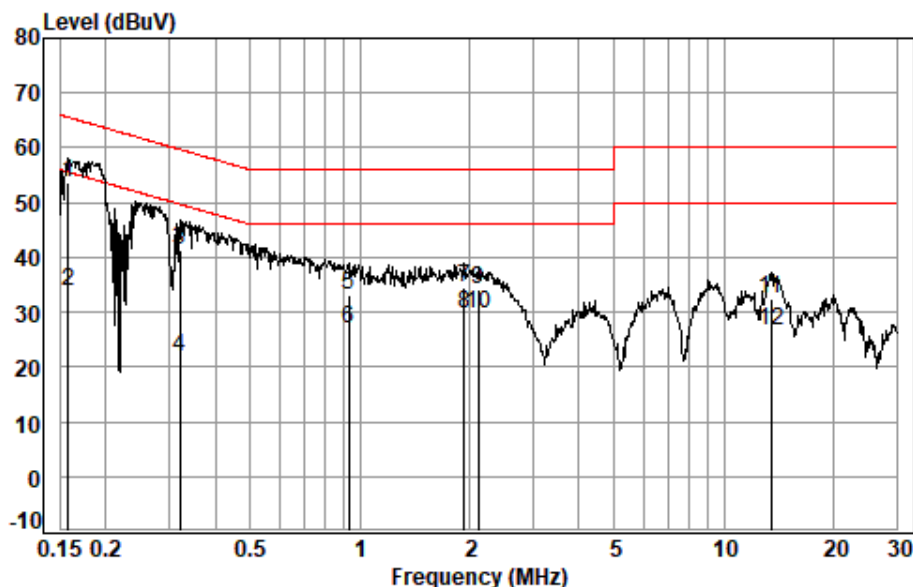
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Test Mode: 21; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 03954WM

Test mode: 21

	Freq	Cable	LISN	Read	Limit	Over	
	MHz	Loss	Factor	Level	Line	Limit	Remark
		dB	dB	dBuV	dBuV	dB	
1 *	0.1582	0.06	9.81	43.80	53.67	65.56	-11.89 QP
2	0.1582	0.06	9.81	24.04	33.91	55.56	-21.65 Average
3	0.3200	0.07	9.74	31.57	41.38	59.71	-18.33 QP
4	0.3200	0.07	9.74	12.10	21.91	49.71	-27.80 Average
5	0.9331	0.09	9.71	23.35	33.15	56.00	-22.85 QP
6	0.9331	0.09	9.71	17.31	27.11	46.00	-18.89 Average
7	1.9386	0.10	9.66	24.75	34.51	56.00	-21.49 QP
8 *	1.9386	0.10	9.66	20.07	29.83	46.00	-16.17 Average
9	2.1101	0.10	9.66	24.52	34.28	56.00	-21.72 QP
10	2.1101	0.10	9.66	19.84	29.60	46.00	-16.40 Average
11	13.4793	0.24	10.06	22.01	32.31	60.00	-27.69 QP
12	13.4793	0.24	10.06	16.48	26.78	50.00	-23.22 Average



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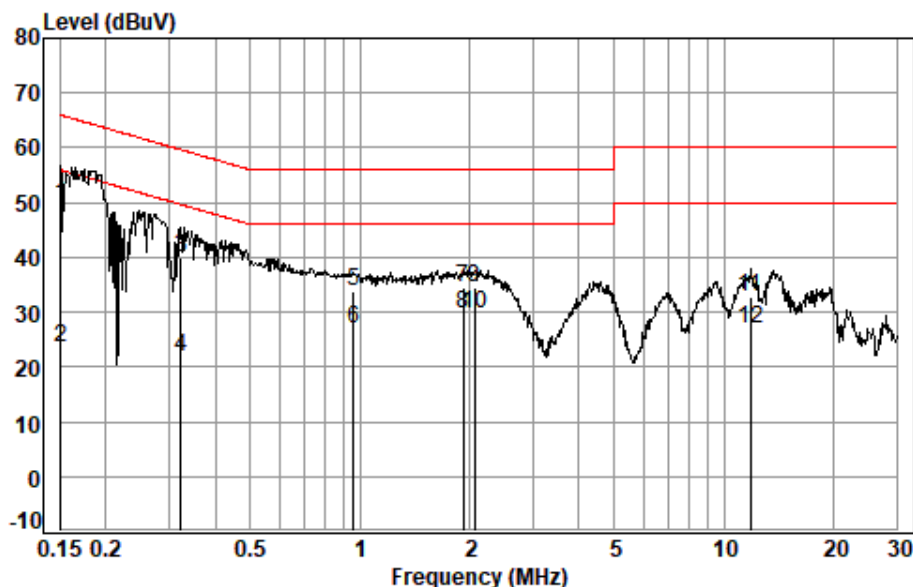
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Test Mode: 21; Line: Neutral Line



Site : Shielding Room

Condition: Neutral

Job No. : 03954WM

Test mode: 21

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1508	0.06	9.82	39.70	49.58	65.96	-16.38	QP
2	0.1508	0.06	9.82	13.67	23.55	55.96	-32.41	Average
3	0.3217	0.07	9.78	30.03	39.88	59.66	-19.78	QP
4	0.3217	0.07	9.78	12.03	21.88	49.66	-27.78	Average
5	0.9582	0.09	9.73	23.85	33.67	56.00	-22.33	QP
6	0.9582	0.09	9.73	17.17	26.99	46.00	-19.01	Average
7	1.9182	0.10	9.69	24.68	34.47	56.00	-21.53	QP
8 *	1.9182	0.10	9.69	20.03	29.82	46.00	-16.18	Average
9	2.0659	0.10	9.69	24.64	34.43	56.00	-21.57	QP
10	2.0659	0.10	9.69	19.93	29.72	46.00	-16.28	Average
11	11.8697	0.23	10.07	22.56	32.86	60.00	-27.14	QP
12	11.8697	0.23	10.07	16.77	27.07	50.00	-22.93	Average



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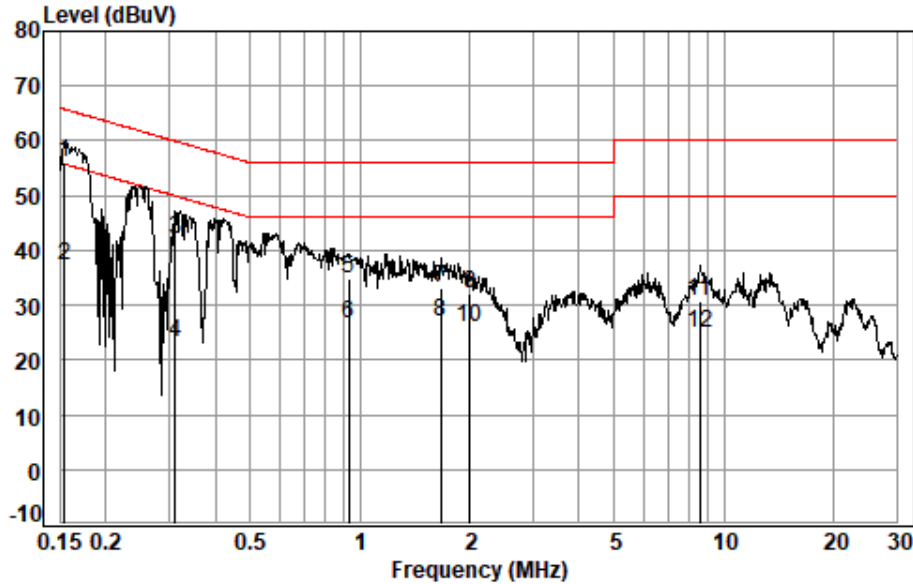
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Test Mode: 22; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 03954WM
Test mode: 22

	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	9.81	46.12	55.99	65.78	-9.79	QP
2 *	0.1540	0.06	9.81	27.27	37.14	55.78	-18.64	Average
3	0.3100	0.07	9.75	32.22	42.04	59.97	-17.93	QP
4	0.3100	0.07	9.75	13.26	23.08	49.97	-26.89	Average
5	0.9331	0.09	9.71	25.17	34.97	56.00	-21.03	QP
6	0.9331	0.09	9.71	16.70	26.50	46.00	-19.50	Average
7	1.6713	0.10	9.67	23.26	33.03	56.00	-22.97	QP
8	1.6713	0.10	9.67	17.22	26.99	46.00	-19.01	Average
9	2.0012	0.10	9.66	22.49	32.25	56.00	-23.75	QP
10	2.0012	0.10	9.66	16.17	25.93	46.00	-20.07	Average
11	8.5917	0.18	9.88	20.76	30.82	60.00	-29.18	QP
12	8.5917	0.18	9.88	14.86	24.92	50.00	-25.08	Average



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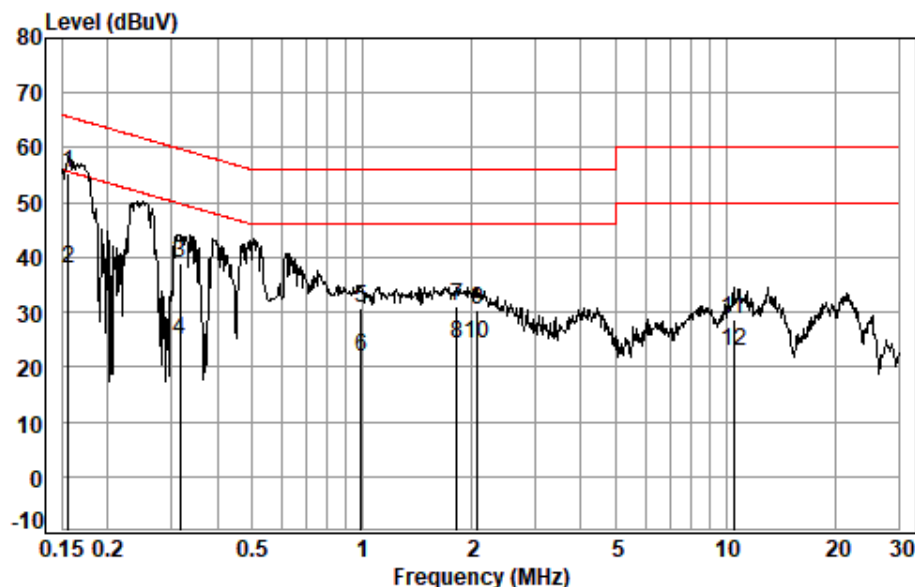
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Test Mode: 22; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 03954WM
Test mode: 22

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1557	0.06	9.82	45.50	55.38	65.69	-10.31	QP
2 *	0.1557	0.06	9.82	28.15	38.03	55.69	-17.66	Average
3	0.3166	0.07	9.78	29.05	38.90	59.80	-20.90	QP
4	0.3166	0.07	9.78	15.03	24.88	49.80	-24.92	Average
5	0.9944	0.09	9.73	21.07	30.89	56.00	-25.11	QP
6	0.9944	0.09	9.73	11.86	21.68	46.00	-24.32	Average
7	1.8192	0.10	9.70	21.25	31.05	56.00	-24.95	QP
8	1.8192	0.10	9.70	14.47	24.27	46.00	-21.73	Average
9	2.0768	0.10	9.69	20.74	30.53	56.00	-25.47	QP
10	2.0768	0.10	9.69	14.26	24.05	46.00	-21.95	Average
11	10.5079	0.21	10.01	18.28	28.50	60.00	-31.50	QP
12	10.5079	0.21	10.01	12.72	22.94	50.00	-27.06	Average



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6.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4:2014

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: 22.5 °C

Humidity: 44.5 % RH

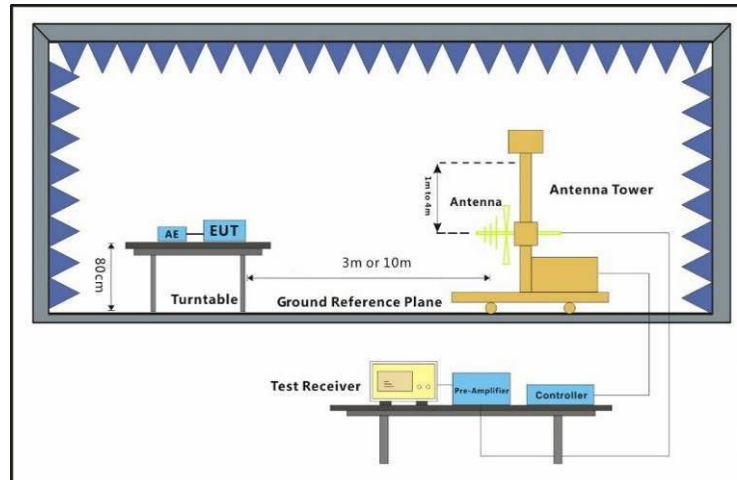
Atmospheric Pressure: 1020 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	19	Transfer data between the EUT and the PC+USB Cable
Final test	20	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter1/earphone
Final test	21	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter2/earphone
Final test	22	Telecom Idle+EUT+NFC+BT+WLAN5G+USB cable+Adapter(worst)/earphone
Pre-scan	23	Telecom Idle+EUT+NFC+camera(Front)+USB cable+Adapter(worst)/earphone
Pre-scan	24	Telecom Idle+EUT+NFC+camera(Back)+USB cable+Adapter(worst)/earphone
Final test	25	Telecom Idle+EUT+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	26	GSM 850(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	27	WCDMA Band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	28	LTE band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	34	NR_SA_N5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone



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: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

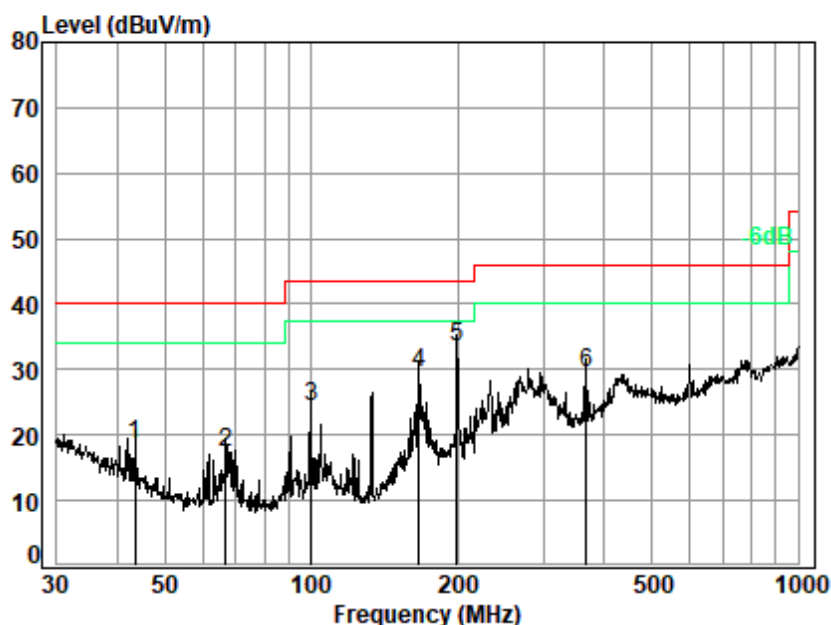
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Test Mode: 19; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 03954WM

Test Mode: 19

	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	43.506	14.74	0.81	27.75	30.82	18.62	40.00	-21.38 QP
2	66.733	10.84	1.00	27.69	33.29	17.44	40.00	-22.56 QP
3	99.878	12.29	1.22	27.59	38.53	24.45	43.50	-19.05 QP
4	166.068	13.16	1.62	27.31	41.95	29.42	43.50	-14.08 QP
5 q	199.286	14.08	1.76	27.17	44.64	33.31	43.50	-10.19 QP
6	366.823	20.35	2.47	27.02	33.78	29.58	46.00	-16.42 QP



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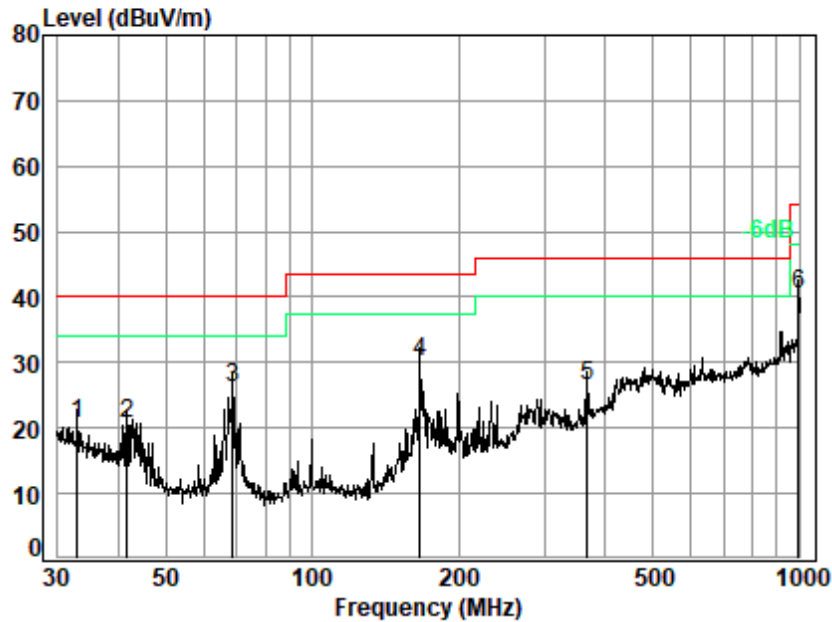
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Test Mode: 19; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 03954WM
Test Mode: 19

	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	32.979	19.89	0.71	27.78	27.86	20.68	40.00	-19.32 QP
2	41.713	15.55	0.80	27.76	32.05	20.64	40.00	-19.36 QP
3	68.631	10.68	1.01	27.68	42.14	26.15	40.00	-13.85 QP
4 q	166.651	13.15	1.62	27.31	42.72	30.18	43.50	-13.32 QP
5	366.823	20.35	2.47	27.02	30.77	26.57	46.00	-19.43 QP
6	996.500	28.18	4.37	26.08	34.09	40.56	54.00	-13.44 QP



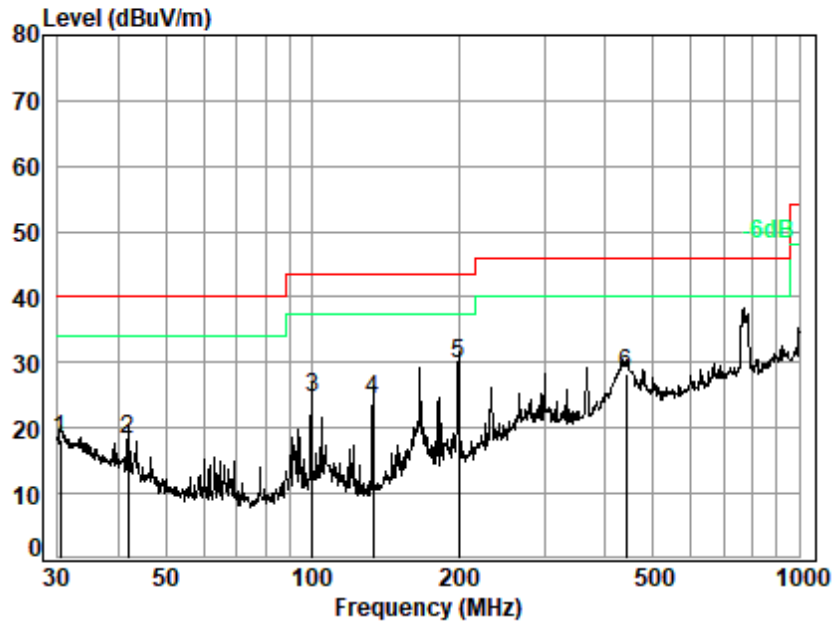
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Test Mode: 20; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 03954WM
Test Mode: 20

	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	30.424	21.00	0.68	27.79	24.51	18.40	40.00	-21.60 QP
2	41.860	15.48	0.80	27.76	29.78	18.30	40.00	-21.70 QP
3	99.878	12.29	1.22	27.59	38.77	24.69	43.50	-18.81 QP
4	133.151	11.21	1.44	27.45	39.12	24.32	43.50	-19.18 QP
5 q	199.986	14.10	1.76	27.17	41.02	29.71	43.50	-13.79 QP
6	441.743	21.09	2.73	27.33	31.84	28.33	46.00	-17.67 QP



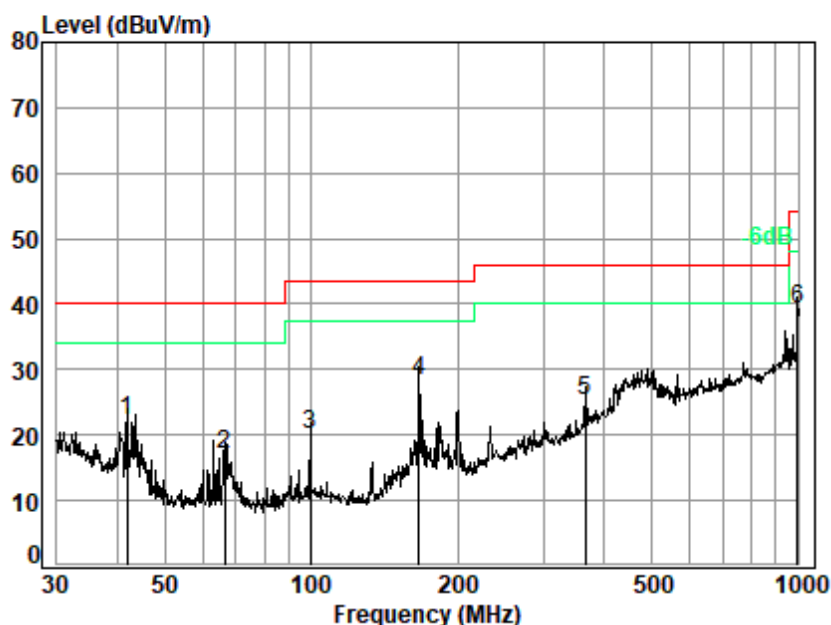
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Test Mode: 20; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 03954WM
Test Mode: 20

	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	41.860	15.48	0.80	27.76	33.54	22.06	40.00	-17.94 QP
2	66.499	10.87	1.00	27.69	32.83	17.01	40.00	-22.99 QP
3	99.528	12.28	1.22	27.59	34.02	19.93	43.50	-23.57 QP
4	166.651	13.15	1.62	27.31	40.92	28.38	43.50	-15.12 QP
5	365.539	20.31	2.46	27.02	29.62	25.37	46.00	-20.63 QP
6 q	996.500	28.18	4.37	26.08	32.72	39.19	54.00	-14.81 QP



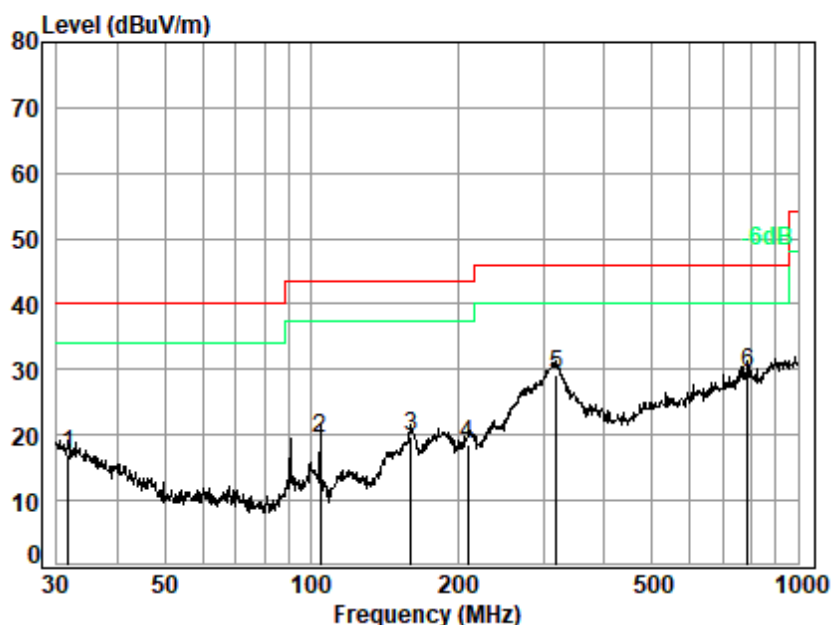
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Test Mode: 21; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 03954WM
Test Mode: 21

	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	31.731	20.39	0.69	27.79	23.78	17.07	40.00	-22.93 QP
2	104.170	12.22	1.25	27.57	33.58	19.48	43.50	-24.02 QP
3	160.346	13.56	1.59	27.34	31.84	19.65	43.50	-23.85 QP
4	210.048	14.78	1.81	27.13	29.25	18.71	43.50	-24.79 QP
5	318.817	18.48	2.28	26.83	35.33	29.26	46.00	-16.74 QP
6 q	787.851	27.15	3.82	27.51	25.97	29.43	46.00	-16.57 QP



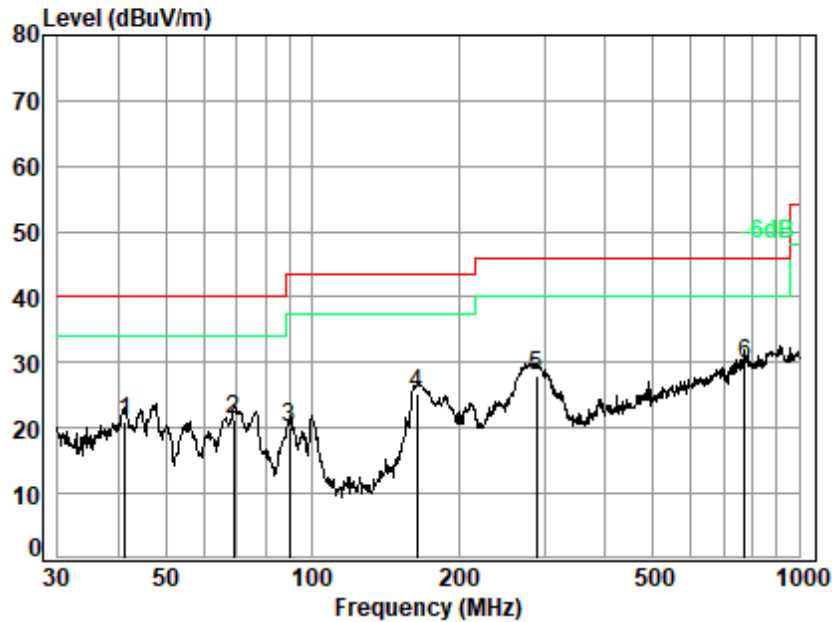
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Test Mode: 21; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 03954WM
Test Mode: 21

	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	41.277	15.76	0.79	27.76	32.23	21.02	40.00	-18.98 QP
2	68.872	10.67	1.01	27.68	37.31	21.31	40.00	-18.69 QP
3	89.905	11.72	1.16	27.62	34.76	20.02	43.50	-23.48 QP
4	164.330	13.24	1.61	27.32	37.60	25.13	43.50	-18.37 QP
5	289.002	17.01	2.16	26.80	35.59	27.96	46.00	-18.04 QP
6 q	771.449	26.76	3.77	27.55	26.89	29.87	46.00	-16.13 QP



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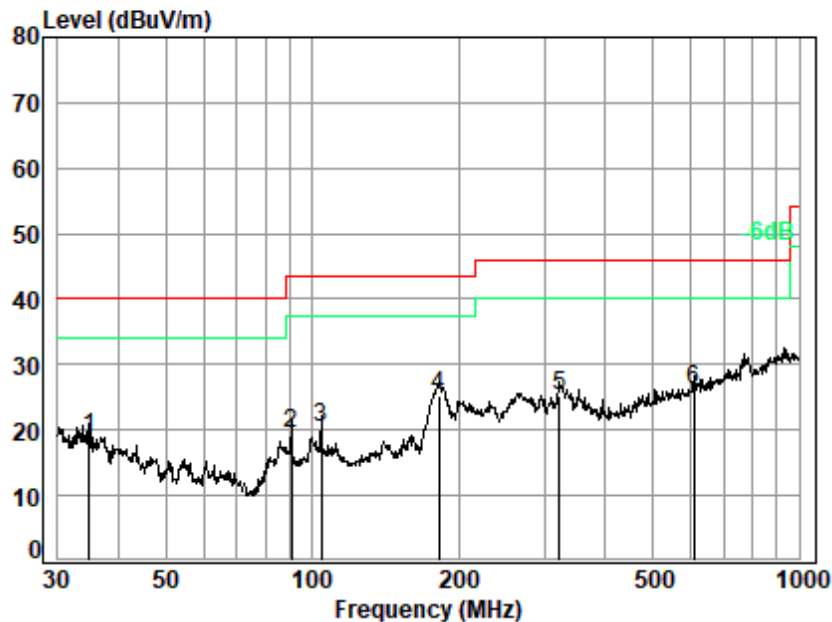
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Test Mode: 22; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 03954WM

Test Mode: 22

	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	34.882	18.94	0.73	27.78	26.96	18.85	40.00	-21.15 QP
2	90.537	11.77	1.16	27.62	34.20	19.51	43.50	-23.99 QP
3	104.170	12.22	1.25	27.57	34.45	20.35	43.50	-23.15 QP
4 q	181.920	14.15	1.69	27.25	36.73	25.32	43.50	-18.18 QP
5	322.189	18.55	2.29	26.84	31.32	25.32	46.00	-20.68 QP
6	607.787	24.61	3.27	27.95	26.29	26.22	46.00	-19.78 QP



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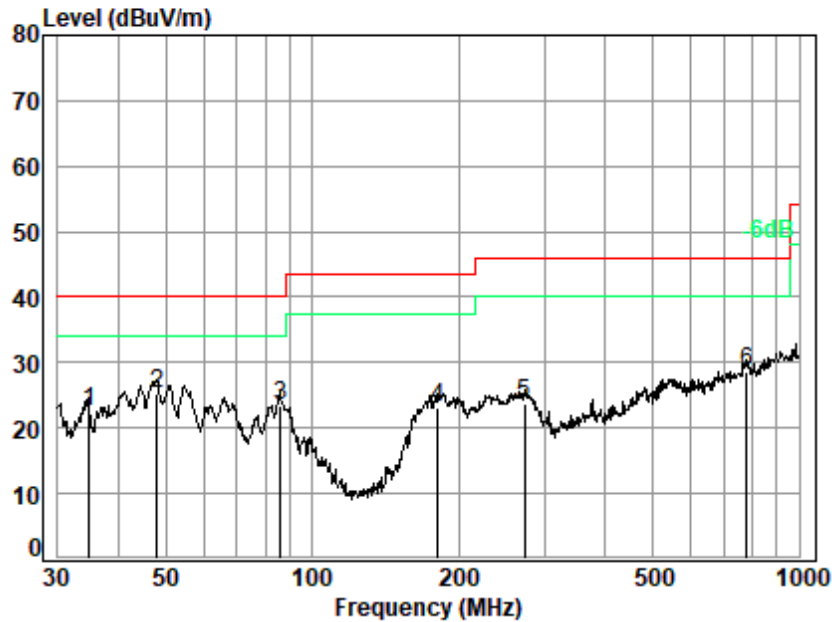
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Test Mode: 22; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 03954WM
Test Mode: 22

		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	34.760	19.01	0.73	27.78	30.62	22.58	40.00	-17.42 QP
2 q	47.994	13.30	0.85	27.74	38.93	25.34	40.00	-14.66 QP
3	85.898	11.15	1.13	27.63	38.79	23.44	40.00	-16.56 QP
4	181.283	14.13	1.68	27.25	34.59	23.15	43.50	-20.35 QP
5	273.234	17.08	2.10	26.86	31.43	23.75	46.00	-22.25 QP
6	779.607	27.03	3.80	27.53	25.23	28.53	46.00	-17.47 QP



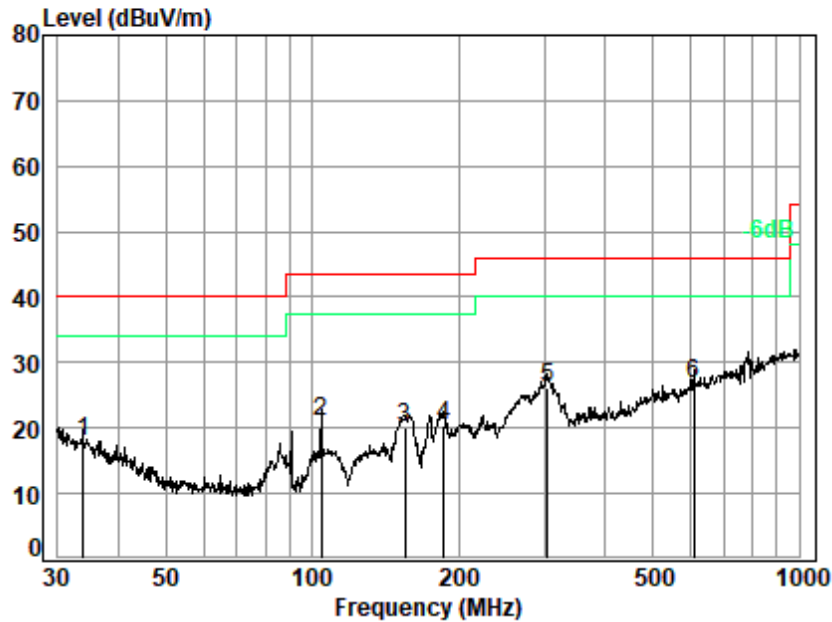
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Test Mode: 25; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 03954WM
Test Mode: 25

	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	33.799	19.52	0.72	27.78	25.44	17.90	40.00	-22.10 QP
2	104.170	12.22	1.25	27.57	34.99	20.89	43.50	-22.61 QP
3	155.364	13.55	1.56	27.36	32.29	20.04	43.50	-23.46 QP
4	186.441	14.30	1.71	27.23	31.70	20.48	43.50	-23.02 QP
5	303.544	18.30	2.22	26.76	32.46	26.22	46.00	-19.78 QP
6 q	607.787	24.61	3.27	27.95	26.88	26.81	46.00	-19.19 QP



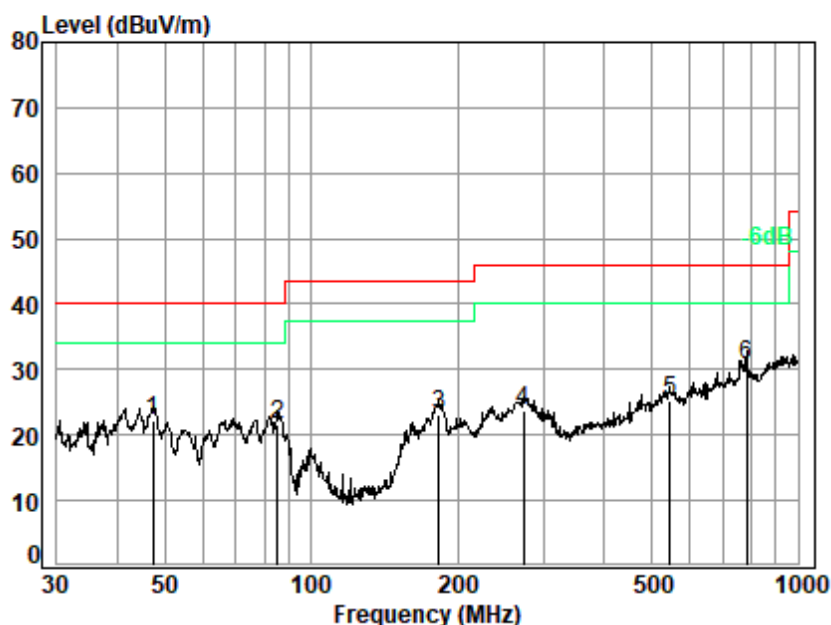
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Test Mode: 25; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 03954WM
Test Mode: 25

	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	47.326	13.53	0.84	27.74	35.58	22.21	40.00	-17.79 QP
2	85.298	11.07	1.13	27.63	37.02	21.59	40.00	-18.41 QP
3	183.201	14.20	1.69	27.24	34.45	23.10	43.50	-20.40 QP
4	273.234	17.08	2.10	26.86	31.49	23.81	46.00	-22.19 QP
5	545.183	23.81	3.07	27.75	26.23	25.36	46.00	-20.64 QP
6 q	785.093	27.13	3.81	27.52	27.40	30.82	46.00	-15.18 QP



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6.3 Radiated Emissions (Above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4:2014

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: 22.8 °C Humidity: 47.0 % RH Atmospheric Pressure: 1020 mbar

6.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	19	Transfer data between the EUT and the PC+USB Cable
Final test	20	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter1/earphone
Final test	21	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter2/earphone
Final test	22	Telecom Idle+EUT+NFC+BT+WLAN5G+USB cable+Adapter(worst)/earphone
Final test	23	Telecom Idle+EUT+NFC+camera(Front)+USB cable+Adapter(worst)/earphone
Final test	24	Telecom Idle+EUT+NFC+camera(Back)+USB cable+Adapter(worst)/earphone
Final test	25	Telecom Idle+EUT+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	26	GSM 850(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	27	WCDMA Band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	28	LTE band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	34	NR_SA_N5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone



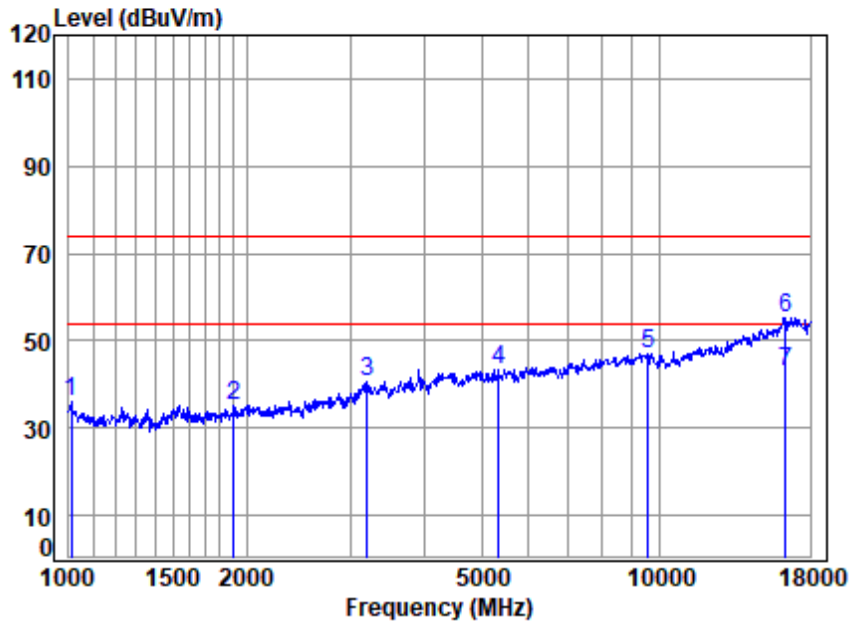
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Test Mode: 19; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 03954WM
Mode : 19

	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	1011.629	5.92	25.93	61.31	65.33	35.87	74.00	-38.13	Peak
2	1905.135	5.03	27.45	61.60	64.17	35.05	74.00	-38.95	Peak
3	3196.094	6.09	32.87	61.61	63.26	40.61	74.00	-33.39	Peak
4	5346.358	8.10	34.39	60.83	61.85	43.51	74.00	-30.49	Peak
5	9558.018	10.62	37.48	61.22	60.23	47.11	74.00	-26.89	Peak
6	p16362.460	14.13	42.00	60.97	60.19	55.35	74.00	-18.65	Peak
7	q16362.460	14.13	42.00	60.97	47.69	42.85	54.00	-11.15	Average



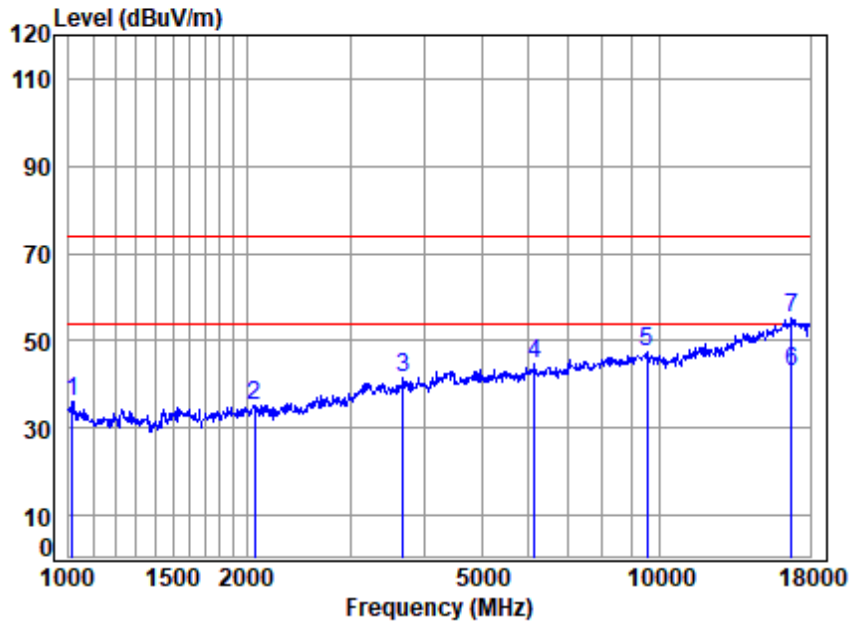
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Test Mode: 19; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 03954WM
Mode : 19

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1014.557	5.91	25.83	61.31	65.51	35.94	74.00	-38.06	Peak
2	2065.729	5.12	28.94	61.62	62.72	35.16	74.00	-38.84	Peak
3	3682.374	6.47	32.89	61.47	63.41	41.30	74.00	-32.70	Peak
4	6142.019	8.79	34.93	60.58	61.53	44.67	74.00	-29.33	Peak
5	9530.432	10.63	37.50	61.20	60.53	47.46	74.00	-26.54	Peak
6	q16745.210	14.19	42.79	60.75	46.52	42.75	54.00	-11.25	Average
7	p16745.210	14.19	42.79	60.75	59.01	55.24	74.00	-18.76	Peak



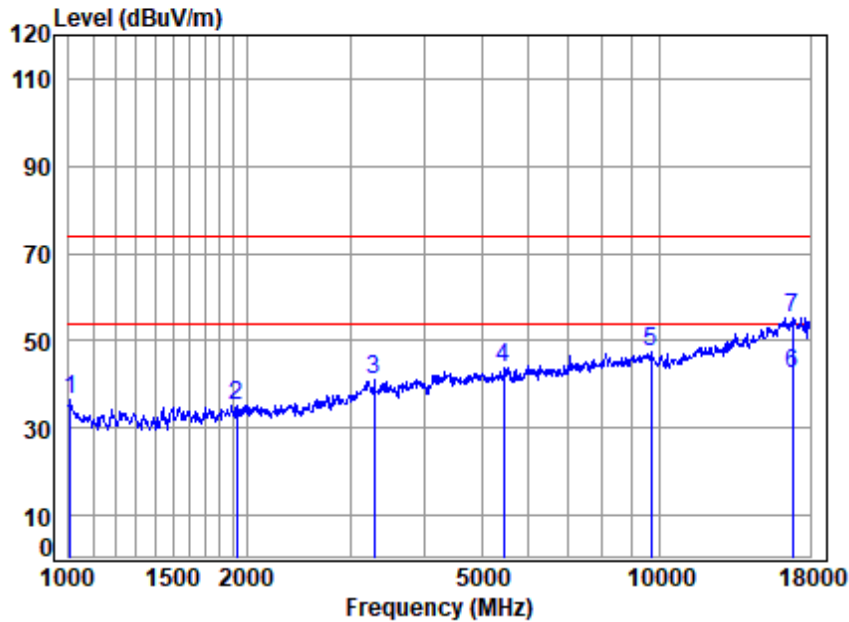
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Test Mode: 20; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 03954WM
Mode : 20

	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	1005.797	5.93	26.11	61.30	65.60	36.34	74.00	-37.66	Peak
2	1921.727	5.04	27.62	61.60	64.26	35.32	74.00	-38.68	Peak
3	3289.821	6.15	31.38	61.58	64.92	40.87	74.00	-33.13	Peak
4	5455.631	8.24	34.68	60.79	61.60	43.73	74.00	-30.27	Peak
5	9669.164	10.58	37.50	61.28	60.68	47.48	74.00	-26.52	Peak
6	q16793.680	14.20	42.89	60.73	46.13	42.49	54.00	-11.51	Average
7	p16793.680	14.20	42.89	60.73	58.91	55.27	74.00	-18.73	Peak



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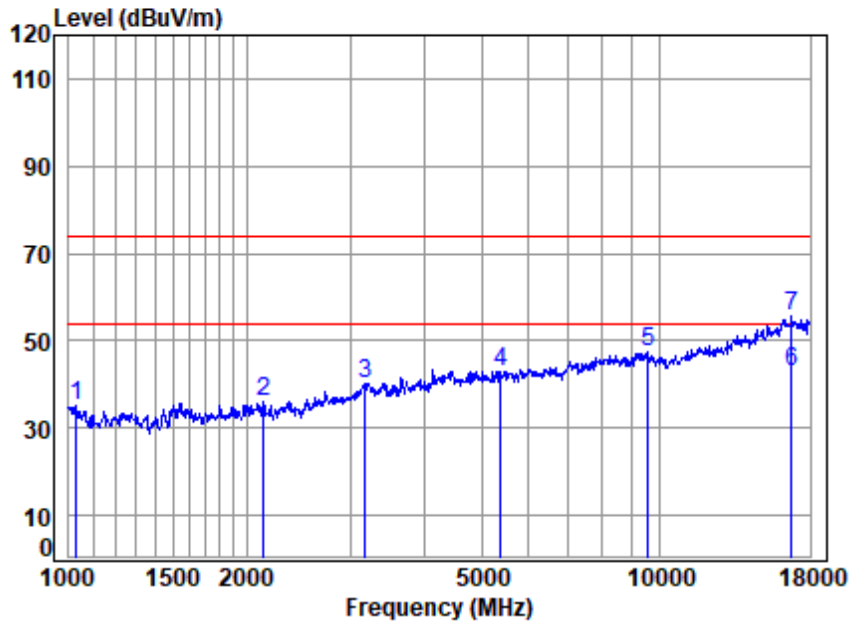
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Test Mode: 20; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 03954WM
Mode : 20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1029.325	5.87	25.36	61.31	64.99	34.91	74.00	-39.09	Peak
2	2138.635	5.18	28.34	61.63	64.31	36.20	74.00	-37.80	Peak
3	3177.672	6.07	32.72	61.62	63.17	40.34	74.00	-33.66	Peak
4	5377.354	8.14	34.51	60.82	61.24	43.07	74.00	-30.93	Peak
5	9558.018	10.62	37.48	61.22	60.46	47.34	74.00	-26.66	Peak
6	q16745.210	14.19	42.79	60.75	46.47	42.70	54.00	-11.30	Average
7	p16745.210	14.19	42.79	60.75	59.46	55.69	74.00	-18.31	Peak



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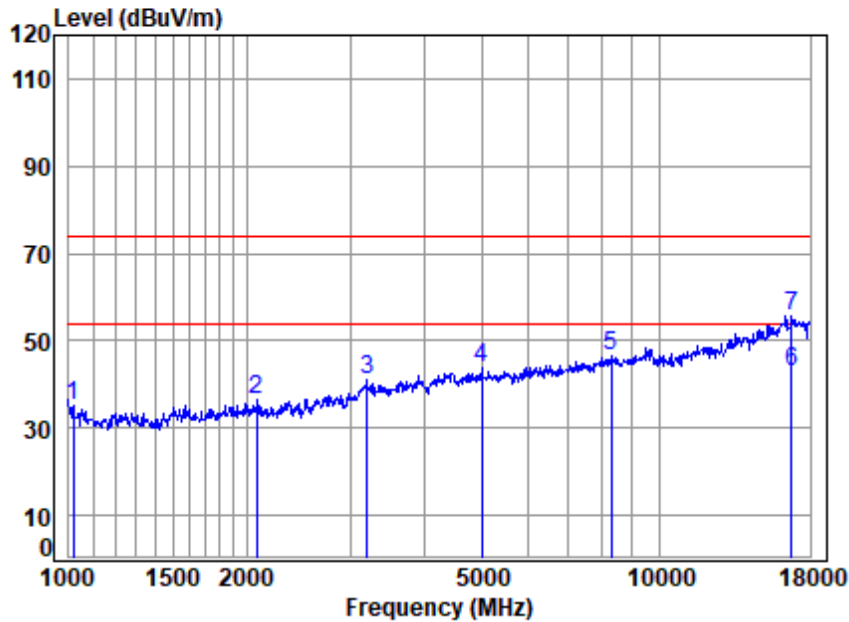
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Test Mode: 21; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 03954WM
Mode : 21

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1017.493	5.90	25.74	61.31	64.71	35.04	74.00	-38.96	Peak
2	2083.719	5.13	28.87	61.63	64.19	36.56	74.00	-37.44	Peak
3	3196.094	6.09	32.87	61.61	63.63	40.98	74.00	-33.02	Peak
4	5002.497	7.64	34.39	60.96	62.61	43.68	74.00	-30.32	Peak
5	8295.823	9.40	36.70	60.46	60.80	46.44	74.00	-27.56	Peak
6	q16745.210	14.19	42.79	60.75	46.51	42.74	54.00	-11.26	Average
7	p16745.210	14.19	42.79	60.75	59.43	55.66	74.00	-18.34	Peak



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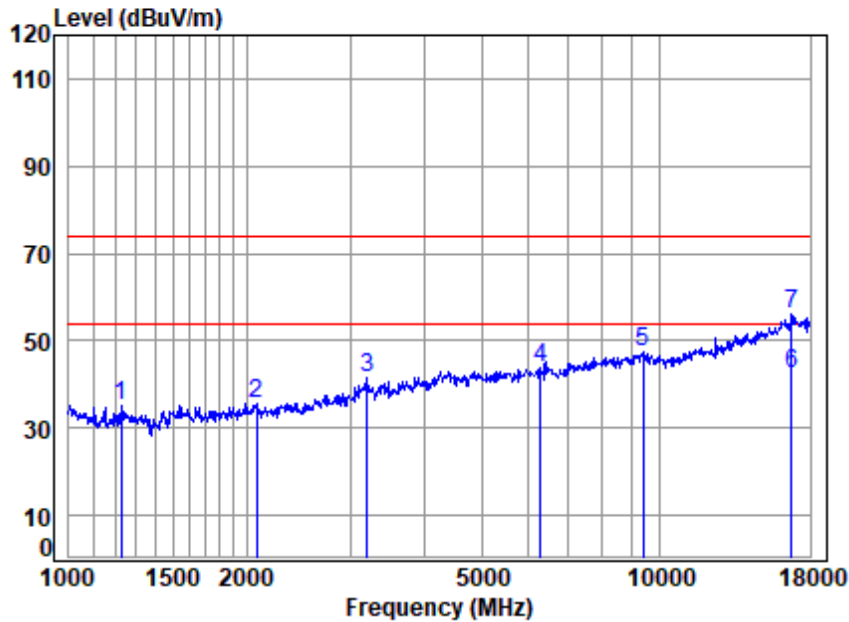
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Test Mode: 21; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 03954WM
Mode : 21

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	5.41	24.79	61.39	66.28	35.09	74.00	-38.91	Peak
2	2077.705	5.13	28.89	61.63	63.24	35.63	74.00	-38.37	Peak
3	3196.094	6.09	32.87	61.61	63.96	41.31	74.00	-32.69	Peak
4	6303.890	8.81	34.99	60.55	60.34	43.59	74.00	-30.41	Peak
5	9393.689	10.63	37.31	61.13	60.56	47.37	74.00	-26.63	Peak
6	q16745.210	14.19	42.79	60.75	46.37	42.60	54.00	-11.40	Average
7	p16745.210	14.19	42.79	60.75	59.68	55.91	74.00	-18.09	Peak



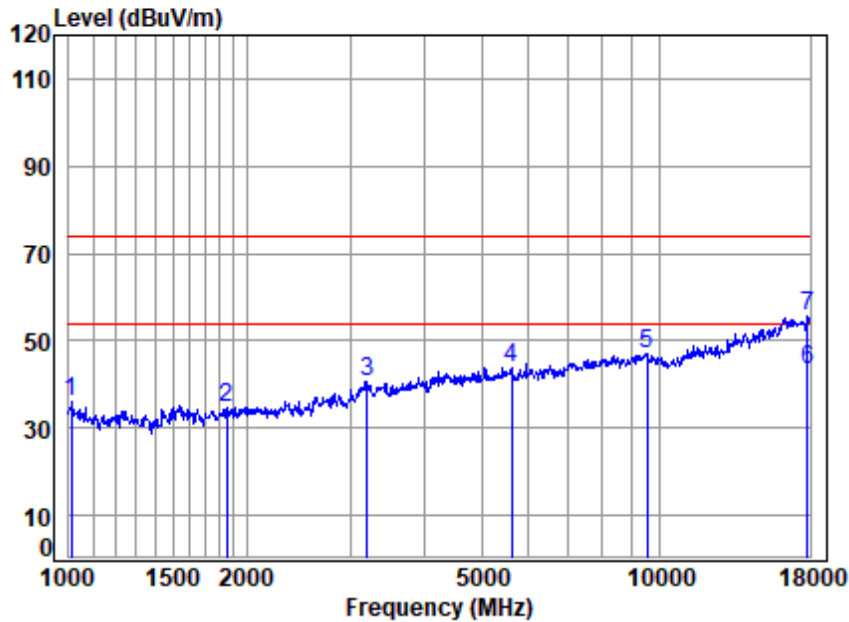
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Test Mode: 22; Polarity: Horizontal

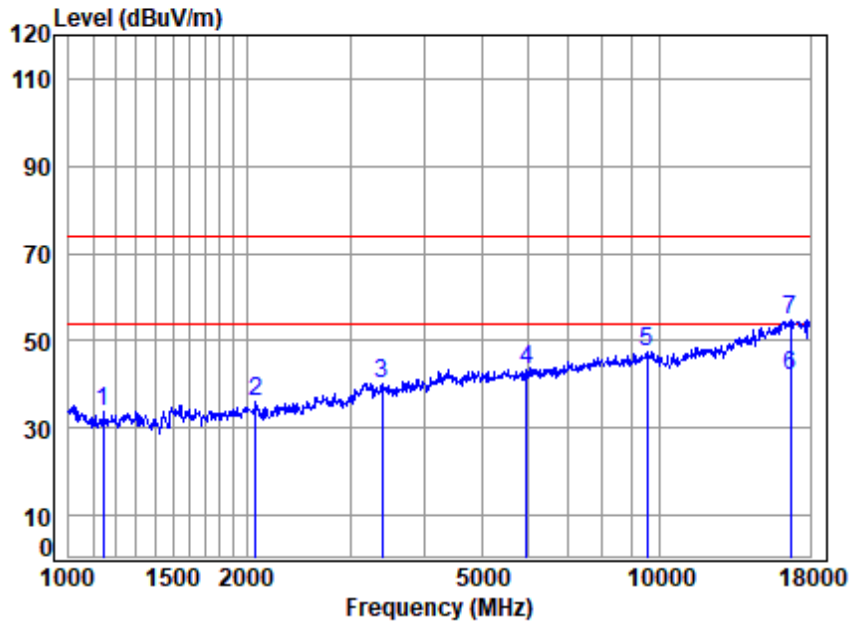


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03954WM
Mode : 22

	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	1011.629	5.92	25.93	61.31	65.73	36.27	74.00	-37.73	Peak
2	1850.858	5.01	27.01	61.58	64.46	34.90	74.00	-39.10	Peak
3	3205.345	6.09	32.81	61.61	63.20	40.49	74.00	-33.51	Peak
4	5615.620	8.41	34.61	60.74	61.71	43.99	74.00	-30.01	Peak
5	9530.432	10.63	37.50	61.20	60.10	47.03	74.00	-26.97	Peak
6	q17793.090	14.74	43.89	60.19	45.09	43.53	54.00	-10.47	Average
7	p17793.090	14.74	43.89	60.19	57.27	55.71	74.00	-18.29	Peak



Test Mode: 22; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 03954WM
Mode : 22

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1142.201	5.60	23.87	61.36	65.84	33.95	74.00	-40.05	Peak
2	2071.708	5.12	28.91	61.63	63.74	36.14	74.00	-37.86	Peak
3	3396.098	6.22	32.38	61.55	63.32	40.37	74.00	-33.63	Peak
4	5967.033	8.74	34.77	60.62	60.66	43.55	74.00	-30.45	Peak
5	9530.432	10.63	37.50	61.20	60.46	47.39	74.00	-26.61	Peak
6	q16696.880	14.17	42.69	60.78	45.99	42.07	54.00	-11.93	Average
7	p16696.880	14.17	42.69	60.78	58.68	54.76	74.00	-19.24	Peak



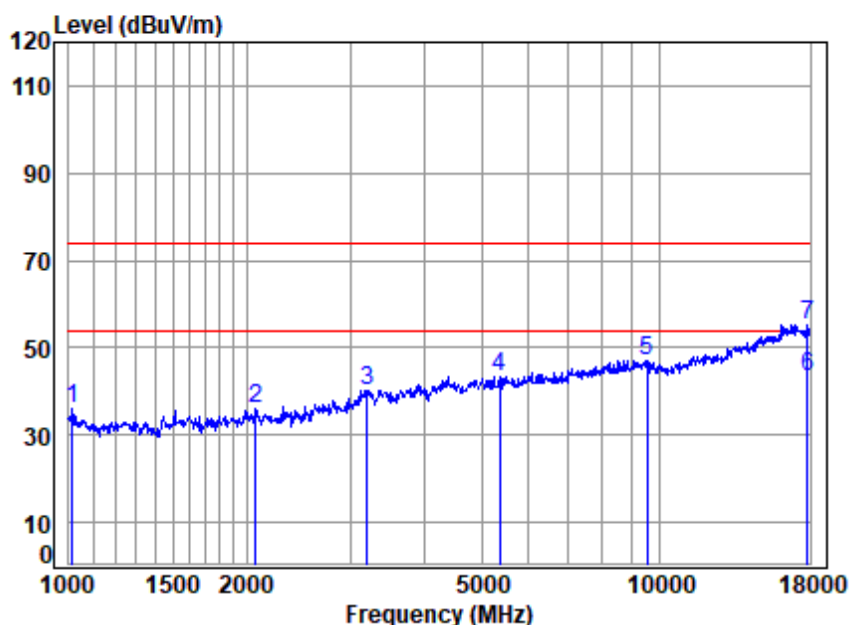
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Test Mode: 23; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 03954WM
Mode : 23

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1014.557	5.91	25.83	61.31	65.45	35.88	74.00	-38.12	Peak
2	2071.708	5.12	28.91	61.63	63.71	36.11	74.00	-37.89	Peak
3	3205.345	6.09	32.81	61.61	63.09	40.38	74.00	-33.62	Peak
4	5361.833	8.12	34.45	60.82	61.47	43.22	74.00	-30.78	Peak
5	9530.432	10.63	37.50	61.20	60.25	47.18	74.00	-26.82	Peak
6	q17793.090	14.74	43.89	60.19	44.89	43.33	54.00	-10.67	Average
7	p17793.090	14.74	43.89	60.19	56.97	55.41	74.00	-18.59	Peak



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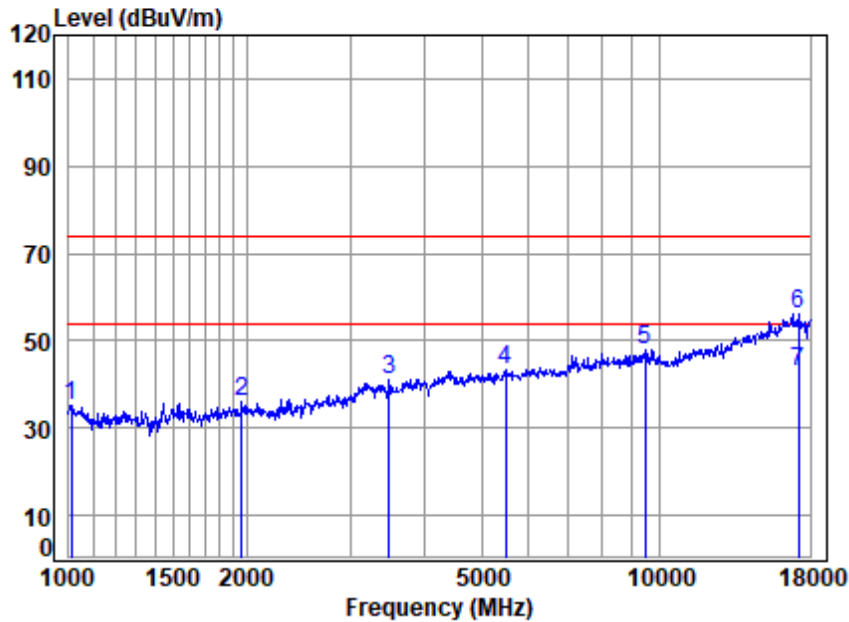
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Test Mode: 23; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 03954WM
Mode : 23

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1011.629	5.92	25.93	61.31	64.80	35.34	74.00	-38.66	Peak
2	1961.004	5.05	28.10	61.61	64.41	35.95	74.00	-38.05	Peak
3	3485.601	6.27	31.66	61.52	64.63	41.04	74.00	-32.96	Peak
4	5503.143	8.30	34.51	60.77	61.31	43.35	74.00	-30.65	Peak
5	9448.149	10.63	37.40	61.16	61.04	47.91	74.00	-26.09	Peak
6	p17186.530	14.41	43.01	60.51	59.42	56.33	74.00	-17.67	Peak
7	q17186.530	14.41	43.01	60.51	46.12	43.03	54.00	-10.97	Average



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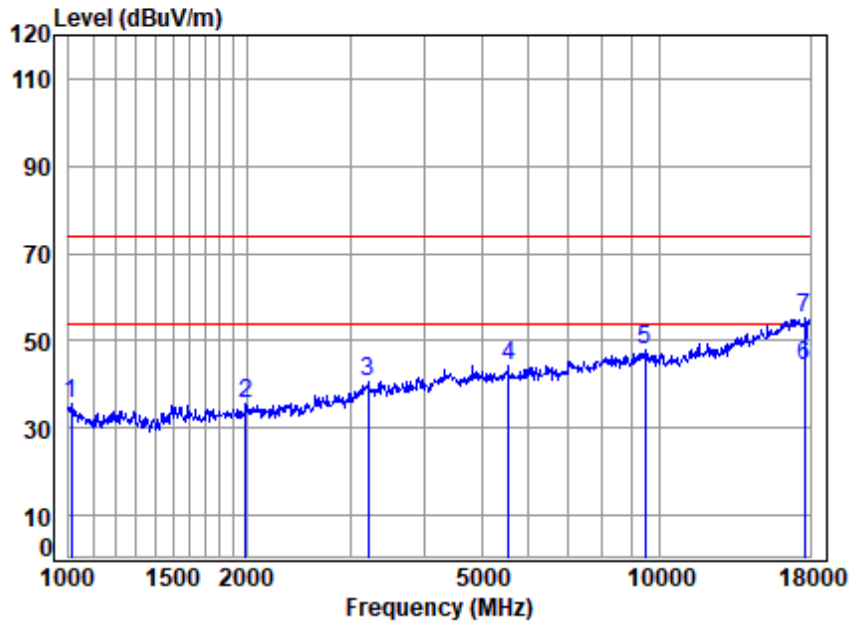
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

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Test Mode: 24; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 03954WM
Mode : 24

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1011.629	5.92	25.93	61.31	65.04	35.58	74.00	-38.42	Peak
2	1989.550	5.06	28.61	61.62	63.34	35.39	74.00	-38.61	Peak
3	3214.623	6.10	32.67	61.61	63.29	40.45	74.00	-33.55	Peak
4	5551.069	8.35	34.70	60.76	62.00	44.29	74.00	-29.71	Peak
5	9448.149	10.63	37.40	61.16	60.93	47.80	74.00	-26.20	Peak
6	q17639.470	14.69	43.68	60.27	46.00	44.10	54.00	-9.90	Average
7	p17639.470	14.69	43.68	60.27	57.23	55.33	74.00	-18.67	Peak



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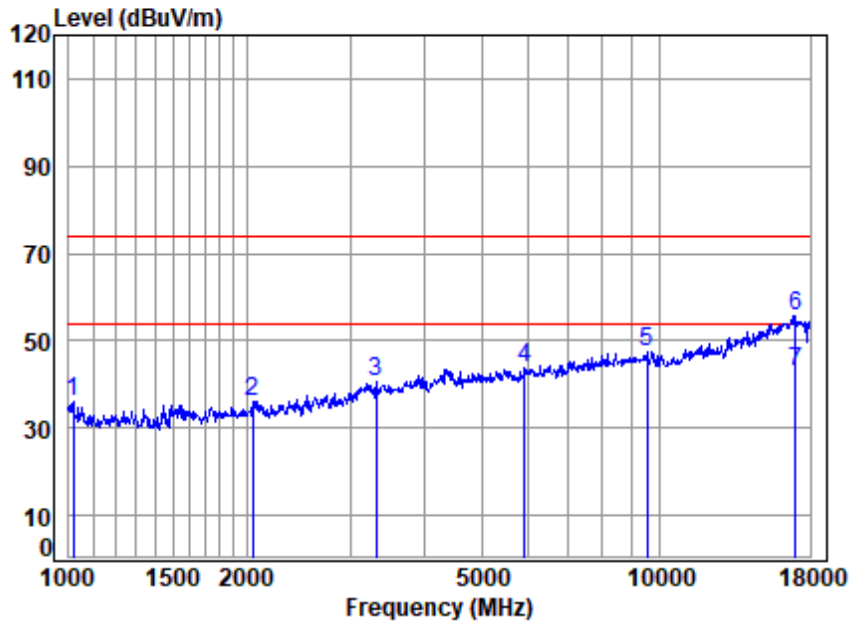
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Test Mode: 24; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 03954WM
Mode : 24

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1017.493	5.90	25.74	61.31	65.72	36.05	74.00	-37.95	Peak
2	2047.895	5.10	28.99	61.62	63.41	35.88	74.00	-38.12	Peak
3	3318.471	6.17	31.53	61.57	64.37	40.50	74.00	-33.50	Peak
4	5915.516	8.69	34.63	60.64	60.97	43.65	74.00	-30.35	Peak
5	9530.432	10.63	37.50	61.20	60.52	47.45	74.00	-26.55	Peak
6	p17038.150	14.30	43.10	60.59	58.94	55.75	74.00	-18.25	Peak
7	q17038.150	14.30	43.10	60.59	45.96	42.77	54.00	-11.23	Average



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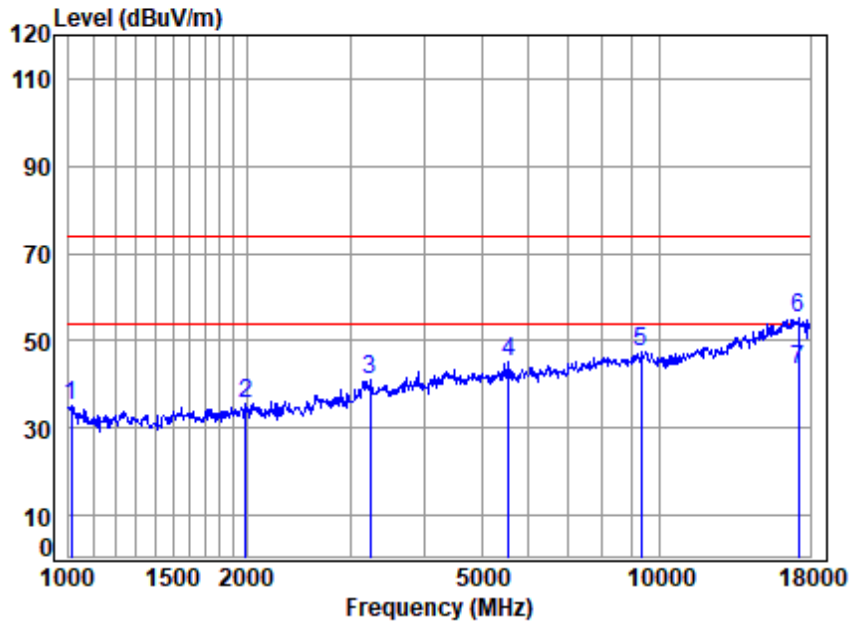
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SZEMC-TRF-01 Rev. A/1

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Test Mode: 25; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 03954WM
Mode : 25

	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	1008.709	5.93	26.02	61.30	64.37	35.02	74.00	-38.98	Peak
2	1995.309	5.06	28.72	61.62	63.64	35.80	74.00	-38.20	Peak
3	3242.619	6.12	32.22	61.60	64.18	40.92	74.00	-33.08	Peak
4	5567.137	8.37	34.70	60.75	62.77	45.09	74.00	-28.91	Peak
5	9312.588	10.61	37.40	61.08	60.34	47.27	74.00	-26.73	Peak
6	p17186.530	14.41	43.01	60.51	58.34	55.25	74.00	-18.75	Peak
7	q17186.530	14.41	43.01	60.51	46.39	43.30	54.00	-10.70	Average



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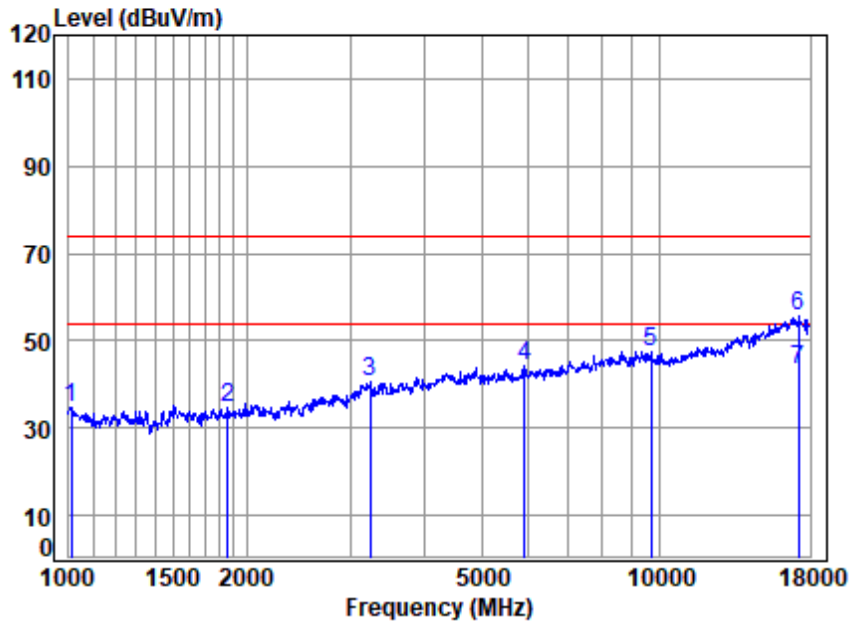
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Report No.: SZCR241000395401

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Test Mode: 25; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 03954WM
Mode : 25

	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	1011.629	5.92	25.93	61.31	64.30	34.84	74.00	-39.16	Peak
2	1856.215	5.02	27.05	61.59	64.01	34.49	74.00	-39.51	Peak
3	3233.260	6.11	32.37	61.60	63.69	40.57	74.00	-33.43	Peak
4	5915.516	8.69	34.63	60.64	61.54	44.22	74.00	-29.78	Peak
5	9697.151	10.58	37.50	61.30	60.69	47.47	74.00	-26.53	Peak
6	p17186.530	14.41	43.01	60.51	58.62	55.53	74.00	-18.47	Peak
7	q17186.530	14.41	43.01	60.51	46.29	43.20	54.00	-10.80	Average



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7 Test Setup Photo

Please refer to SZCR2410003954 Appendix_Setup Photo.

8 EUT Constructional Details (EUT Photos)

Please refer to SZCR2410003954 Appendix_ External Photo and Internal Photo.

- End of the Report -

