

CERTIFICATION TEST REPORT

Report Number. : S-4792147635-E6V1

Applicant : SAMSUNG ELECTRONICS CO., LTD.
129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI,
GYEONGGI-DO, 16677, KOREA

Model : SC-57G, SCG41

FCC ID : A3LSMF971JPN

EUT Description : GSM/WCDMA/LTE/5G NR Phone + BT/BLE,
DTS/UNII a/b/g/n/ac/ax/be, NFC, WPT and UWB

Test Standard(s) : FCC 47 CFR PART 15 SUBPART C

Date Of Issue:
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Revision History

Rev.	Issue Date	Revisions	Presented By
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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: SAMSUNG ELECTRONICS CO., LTD.

EUT DESCRIPTION: GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, NFC, WPT and UWB

MODEL NUMBER: SC-57G, SCG41

SERIAL NUMBER: R3GL3081M2H (CONDUCTED);
R3GL3080E7Z, R3GL3080EJF, R3GL3080CVJ (RADIATED);

DATE TESTED: 2026-03-31 – 2026-05-22

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
47 CFR Part 15 Subpart C	Complies

UL KOREA LTD. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL KOREA LTD. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL KOREA LTD. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL KOREA LTD. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by IAS, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL KOREA LTD. By:



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Suwon Lab Engineer
UL KOREA LTD.

Tested By:



Myeongjun Kwon
Suwon Lab Engineer
UL KOREA LTD.

2. TEST METHODOLOGY

1. FCC 47 CFR Part 2.
2. FCC 47 CFR Part 15.
3. KDB 558074 D01 15.247 Meas Guidance v05r02.
4. KDB 662911 D01 v02r01
5. ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea. Line conducted emissions are measured only at the 218 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

218 Maeyeong-ro	
☒	Chamber 1(3m semi-anechoic chamber)
☒	Chamber 2(3m semi-anechoic chamber)
☒	Chamber 3(3m semi-anechoic chamber)
☐	Chamber 4(3m Full-anechoic chamber)
☐	Chamber 5(3m Full-anechoic chamber)

UL KOREA LTD. is accredited by IAS, Laboratory Code TL-637. The full scope of accreditation can be viewed at <https://www.iasonline.org/wp-content/uploads/2017/05/TL-637-cert-New.pdf>.

4. DECISION RULES AND MEASUREMENT UNCERTAINTY

4.1. METROLOGICAL TRACEABILITY

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\begin{aligned}\text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \\ &\text{Cable Loss (dB)} - \text{Preamp Gain (dB)} \\ 28.9 \text{ dBuV/m} &= 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB}\end{aligned}$$

$$\begin{aligned}\text{AC Corrected Reading (dBuV)} &= \text{Measured Voltage (dBuV)} + \text{Extension Cord} \\ &\text{Loss (dB)} + \text{Cable Loss (dB)} \\ 44.72 \text{ dBuV} &= 34.72 \text{ dBuV} + 9.9 \text{ dB} + 0.1 \text{ dB}\end{aligned}$$

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
RF Output Power	0.70 dB
Power Spectral Density	1.99 dB
Occupied Bandwidth	0.04 %
Conducted Spurious Emissions	2.00 dB
Conducted Disturbance, 0.15 to 30 MHz	1.84 dB
Radiated Disturbance, 9 kHz to 30 MHz	2.41 dB
Radiated Disturbance, 30 MHz to 1 GHz	3.78 dB
Radiated Disturbance, 1 GHz to 18 GHz	5.25 dB
Radiated Disturbance, Above 18 GHz	5.07 dB

Uncertainty figures are valid to a confidence level of 95%.

4.4. DECISION RULES

Decision rule for statement(s) of conformity is based on Clause 4.4.3 in IEC Guide 115:2023.

5. EQUIPMENT UNDER TEST

5.1. EUT DESCRIPTION

The EUT is a GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, NFC, WPT and UWB. This test report addresses the DTS (BLE) operational mode.

Representative model	Comparison Criteria	Derivative model
		SCG41
SC-57G	Hardware	Identical
	Software	UI modified according to Service Provider specifications

The SC-57G model was used as the representative model for final testing. All test results in this report apply to both the representative model and its derivative variants.

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak and average conducted output power as follows:

Antenna1

Frequency Range[MHz]	Mode	Power Mode	Output Power [dBm]	Output Power [mW]
2 402 ~ 2 480	1 Mbps (37 pkt)	Peak	9.53	8.97
		Average	9.31	8.53
2 404 ~ 2 478	2Mbps (255 pkt)	Peak	9.71	9.35
		Average	9.33	8.58
2 404 ~ 2 478	CS_SYNC_1M	Peak	9.44	8.79
		Average	8.99	7.92

Antenna2

Frequency Range[MHz]	Mode	Power Mode	Output Power [dBm]	Output Power [mW]
2 402 ~ 2 480	1 Mbps (37 pkt)	Peak	8.81	7.60
		Average	8.57	7.19
2 404 ~ 2 478	2Mbps (255 pkt)	Peak	9.08	8.09
		Average	8.39	6.90
2 404 ~ 2 478	CS_SYNC_1M	Peak	8.77	7.53
		Average	8.30	6.76

Antenna Dual mode

Frequency Range[MHz]	Mode	Power Mode	Output Power [dBm]	Output Power [mW]
2 402 ~ 2 480	1 Mbps (37 pkt)	Peak	9.12	8.17
		Average	8.85	7.68
2 404 ~ 2 478	2Mbps (255 pkt)	Peak	9.15	8.22
		Average	8.72	7.45

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

**The internal antenna was Permanently attached.
Therefore this E.U.T Complies with the requirement of §15.203.**

The radio utilizes a internal antenna, with a maximum gain of:

Frequency Band[MHz]	ANT1 Gain [dBi]	ANT2 Gain [dBi]	Correlated Chains Directional Gain[dBi]
DTS 2400 – 2483.5	-6.99	-4.25	-2.50

Directional gain for the MIMO operations is determined using KDB 662911 D01 Multiple Transmitter Output section F (2)(d)(1) for *Unequal antenna gains, with equal transmit powers*. The gain is calculated using the formula for correlated transmissions across the two transmit antennas.

Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ dBi.

Sample calculation for this device with $N_{ANT} = 2$

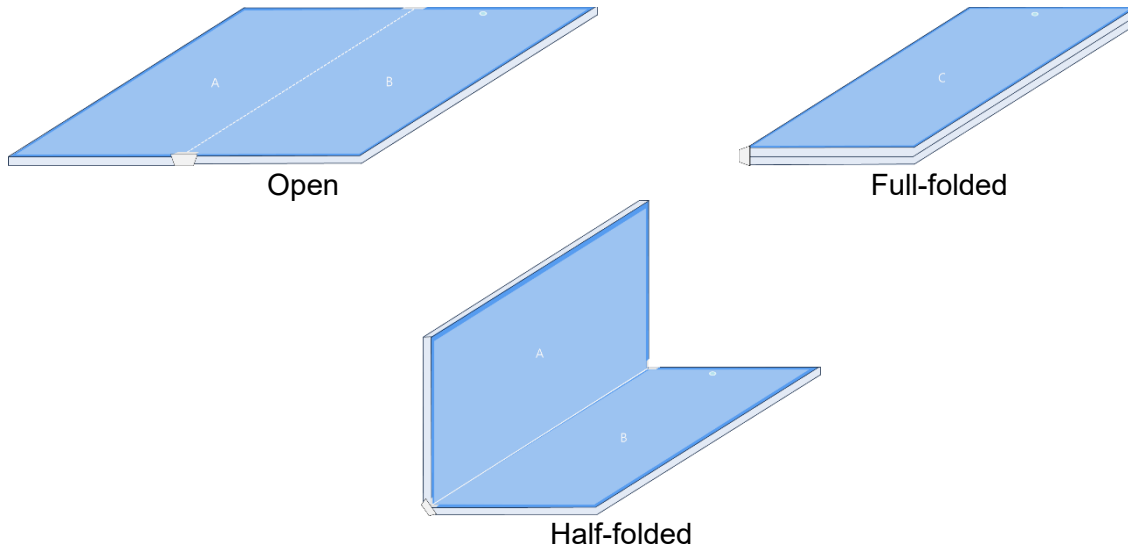
Directional gain = $10 \log[(10^{-6.99/20} + 10^{-4.25/20})^2 / 2] = -2.50$ dBi

“SUB1” and “SUB5” as indicated in antenna specification are written as ANT1 and ANT2 in this report.

5.4. WORST-CASE CONFIGURATION AND MODE

Both Bluetooth LE Diversity mode and DUAL mode have been investigated and confirmed.

The fundamentals of the EUT were investigated in three orthogonal orientations X, Y and Z. It was determined that below table's orientation was the worst-case orientation.



Worst-case		ANT1	ANT2	DUAL
Axis	Band-Edge	Y (Open)	Y (Half-Folded)	X (Open)
	Spurious	Z (Open)	Y (Half-Folded)	X (Half-Folded)

For conducted power test, both Diversity and DUAL mode were tested and reported. For Dual mode, only the worst conducted power for packet size was reported, since no noticeable emissions were detected in the other test items.

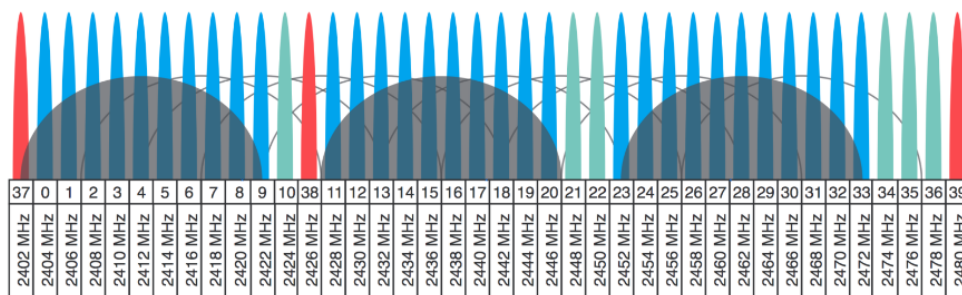
Radiated and power line conducted tests were performed with EUT connected to AC power adapter as the worst-case configuration. Radiated harmonics spurious 1~18 GHz Low/Mid/High channels, 18-26GHz were performed with the EUT set at the Diversity and DUAL mode. Radiated emission below 1GHz and power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

For Radiated band-edge and spurious test, tests were performed on Diversity and DUAL mode.

Due to modulation characteristics, BLE coded data was worse than 1Mbps in the RBW 3kHz PSD results. However, based on the RBW (1MHz) when measuring radiated spurious, the PSD of 1Mbps is higher, so 1Mbps was selected as the worst case to suit the radiation test environment.

All radiated and power line conducted tests were performed attached with travel adapter for the worst-case condition mode.

The EUT does not supported Primary PHY channels (2402[37] / 2426[38] / 2480[39] MHz) at the BLE 2Mbps data-rate. BLE Channels that used for testing are follows in below.



Bluetooth LE Channel Sounding supports CS_SYNC_1M and CS_TONE_ASK (DSS).
For CS_SYNC_1M, the output power is lower than the existing 1 Mbps, and since the duty cycle in actual use is very short, the measurement data of the existing 1 Mbps was used to represent CS_SYNC_1M.

Power verification

The output power of all data rates was investigated. The 1 Mbps, 2 Mbps, and CS_SYNC_1M modes represent the worst case in terms of symbol rate. All tests were performed in these three modes.

Symbol Rate [Ms/s]	Mode	Freq. [MHz]	Conducted Burst Avg [dBm]	Symbol Rate [Ms/s]	Mode	Freq. [MHz]	Conducted Burst Avg [dBm]
1	1 Mbps 37 pkt ANT1	2 402	8.319	2	2 Mbps 37 pkt ANT1	2 404	8.207
		2 440	9.309			2 440	9.146
		2 480	8.914			2 478	8.734
	1 Mbps 37 pkt ANT2	2 402	8.569		2 Mbps 37 pkt ANT2	2 404	7.938
		2 440	8.427			2 440	8.052
		2 480	8.077			2 478	8.387
	1 Mbps 255 pkt ANT1	2 402	8.252		2 Mbps 255 pkt ANT1	2 404	8.186
		2 440	9.258			2 440	9.333
		2 480	8.836			2 478	8.743
	1 Mbps 255 pkt ANT2	2 402	8.350		2 Mbps 255 pkt ANT2	2 404	7.950
		2 440	8.161			2 440	8.031
		2 480	7.965			2 478	8.351
1 Coded S=8	125 kbps 37 pkt ANT1	2 402	8.180	1 Coded S=2	500 kbps 37 pkt ANT1	2 402	8.092
		2 440	9.247			2 440	9.090
		2 480	8.855			2 480	8.573
	125 kbps 37 pkt ANT2	2 402	8.324		500 kbps 37 pkt ANT2	2 402	8.160
		2 440	8.135			2 440	8.132
		2 480	7.926			2 480	7.957
	125 kbps 255 pkt ANT1	2 402	8.284		500 kbps 255 pkt ANT1	2 402	8.162
		2 440	9.249			2 440	9.213
		2 480	8.861			2 480	8.878
	125 kbps 255 pkt ANT2	2 402	8.204		500 kbps 255 pkt ANT2	2 402	8.137
		2 440	8.117			2 440	8.114
		2 480	7.939			2 480	7.937
1	CS_SYNC_1M ANT1	2 404	7.878				
		2 440	8.989				
		2 478	8.187				
	CS_SYNC_1M ANT2	2 404	7.712				
		2 440	7.948				
		2 478	8.298				

5.5. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Charger	SAMSUNG	EP-T2510	N/A	N/A
Data Cable	SAMSUNG	EP-DN980	N/A	N/A

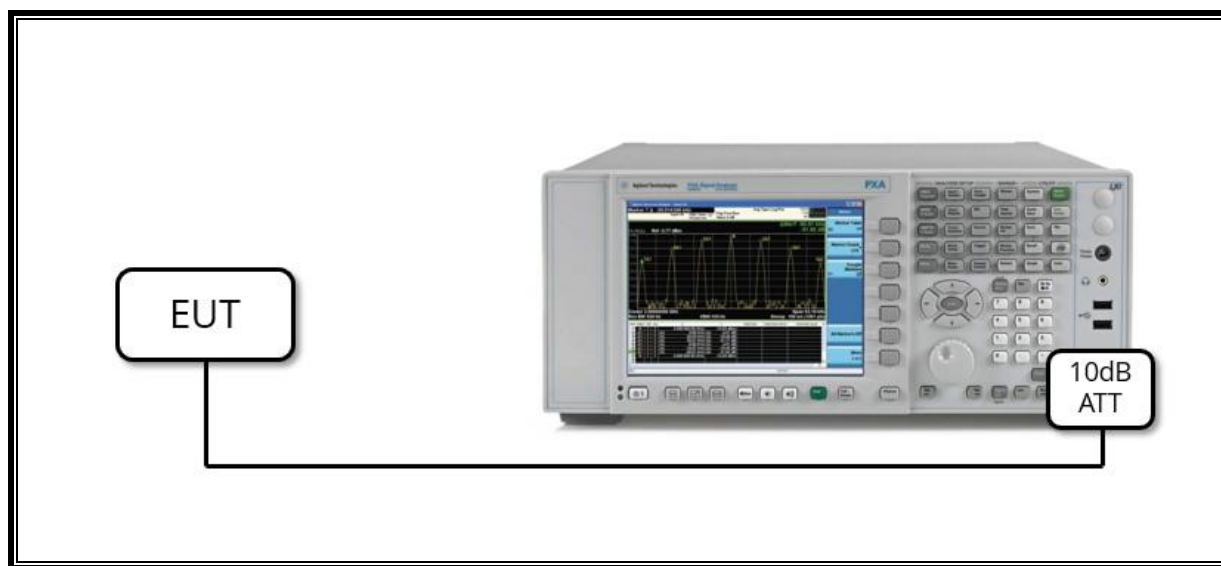
I/O CABLE

I/O Cable List						
Cable No.	Port	# of identical ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC Power	1	C Type	Shielded	1.0 m	N/A

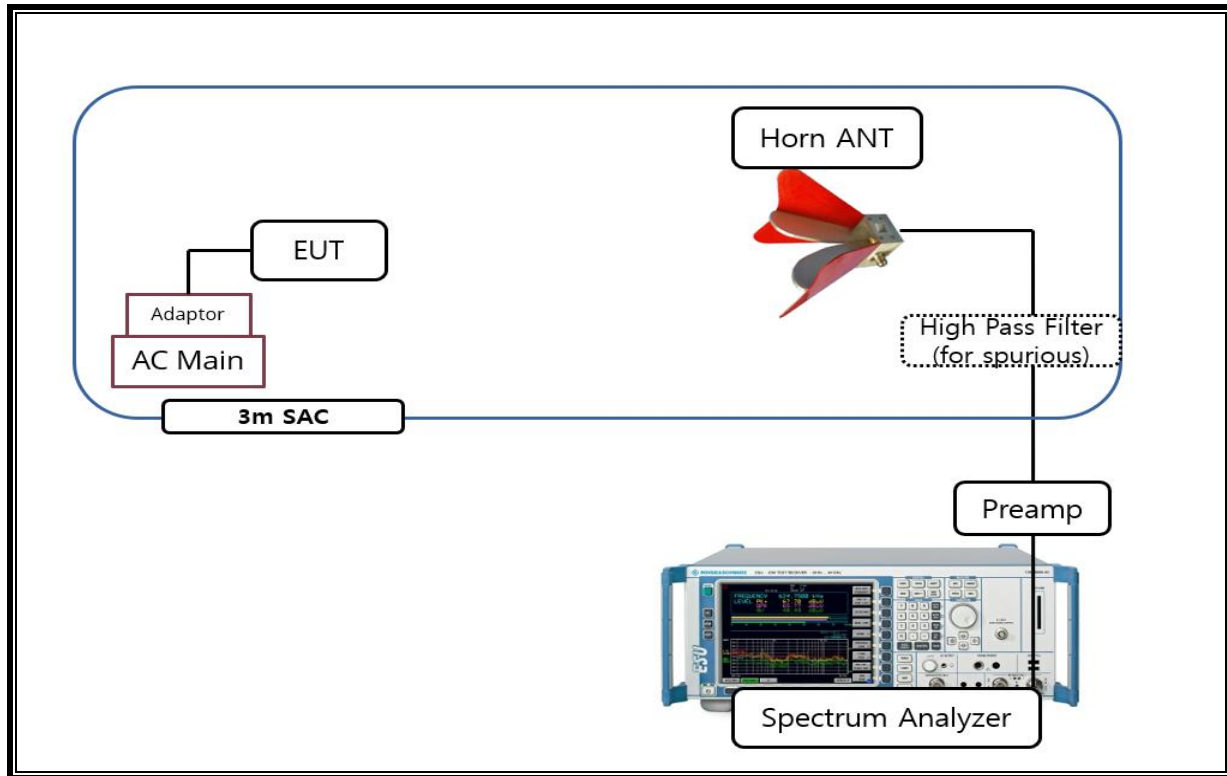
TEST SETUP

The EUT is a stand-alone unit during the tests.
Test software in hidden menu exercised the EUT to enable BLE mode.

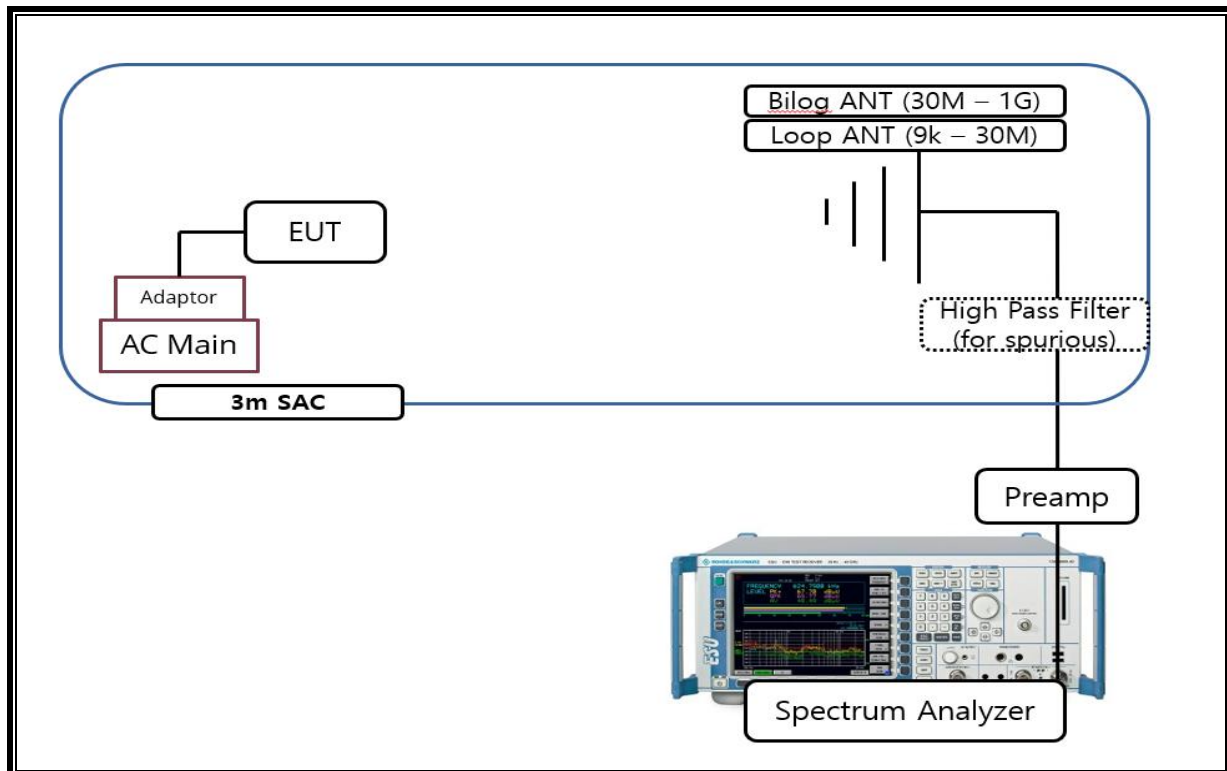
SETUP DIAGRAM FOR TESTS (CONDUCTED TEST SETUP)



SETUP DIAGRAM FOR TESTS (RADIATED TEST SETUP)



SETUP DIAGRAM FOR TESTS (RADIATED TEST SETUP) Below 1GHz



6. MEASUREMENT METHOD

6 dB BW : ANSI C63.10-2020, Section 11.8.2 Option 2

OUTPUT POWER: ANSI C63.10-2020, Section 11.9.1.1 $RBW \geq$ DTS bandwidth

POWER SPECTRAL DENSITY: ANSI C63.10-2020, Section 11.10.2 Method PKPSD (peak PSD)

Out-of-band Emissions (Conducted): ANSI C63.10-2020, Section 11.11 Emissions in nonrestricted frequency bands

Out-of-band Emissions in Non-restricted Bands: ANSI C63.10-2020, Section 11.11 Emissions in nonrestricted frequency bands

Out-of-band Emissions in Restricted Bands: ANSI C63.10-2020, Section 11.12 Emissions in restricted frequency bands

AC Power Line Conducted Emission: ANSI C63.10-2020, Section 6.2

7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Test Equipment List				
Description	Manufacturer	Model	S/N	Cal Due
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB 9163	750	2026-07-30
Antenna, Horn, 18 GHz	ETS	3117	00168717	2026-07-17
Antenna, Horn, 40 GHz	ETS	3116C	00166155	2026-07-23
Preamplifier	ETS	3116C-PA	00168841	2026-07-28
Preamplifier, 1000 MHz	Sonoma	310N	341282	2026-07-21
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029169	2026-07-21
Spectrum Analyzer, 44 GHz	Agilent / HP	N9030A	MY54170614	2026-07-21
Spectrum Analyzer, 44 GHz	Agilent / HP	N9030A	MY54490312	2026-12-29
RF Switching Unit	TA Engineering	TA-018S-16	SW-1	N/A
Average Power Sensor	Agilent / HP	U2000A	MY54270007	2026-07-22
Average Power Sensor	Agilent / HP	U2000A	MY54260010	2026-07-22
Attenuator	PASTERNAK	PE7087-10	A001	2026-07-22
Attenuator	PASTERNAK	PE7087-10	A008	2026-07-22
EMI Test Receive, 40 GHz	R&S	ESU40	100439	2026-07-21
EMI Test Receive, 40 GHz	R&S	ESU40	100457	2026-07-21
EMI Test Receive	R&S	ESW 8	101227	2026-07-17
Low Pass Filter 5GHz	Micro-Tronics	LPS17541	009	2026-07-21
High Pass Filter 3GHz	Micro-Tronics	HPM17543	010	2026-07-21
High Pass Filter 6GHz	Micro-Tronics	HPS17542	21	2026-07-21
LISN	R&S	ENV216	101837	2026-07-22
Antenna, Loop, 9kHz-30MHz	R&S	HFH2-Z2E	100900	2027-07-24
UL Software				
Description	Manufacturer	Model	Version	
Radiated software	UL	UL EMC	Ver 9.5	
AC Line Conducted software	UL	UL EMC	Ver 9.5	

8. TEST RESULTS SUMMARY

FCC Part Section	Test Description	Test Limit	Test Condition	Test Result
15.247 (a)(2)	Occupied Bandwidth(6dB)	> 500kHz	Conducted	Complies
2.1051, 15.247(d)	Band Edge / Conducted Spurious Emission	-20 dBc		Complies
15.247 (b)(3)	TX conducted output power	< 30 dBm		Complies
15.247(e)	PSD	< 8 dBm/3kHz		Complies
15.207(a)	AC Power Line conducted emissions	Section 11	Power Line conducted	Complies
15.205, 15.209	Radiated Spurious Emission	< 54dBuV/m(Av)	Radiated	Complies

9. ANTENNA PORT TEST RESULTS

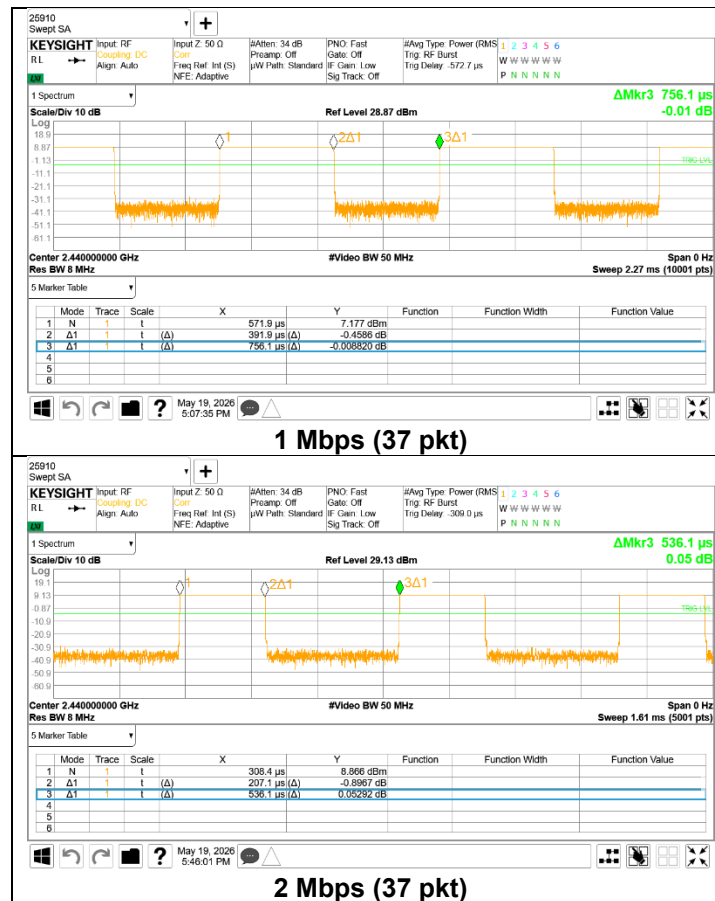
9.1. ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only.

Mode	On time [msec]	Period [msec]	Duty cycle x [Linear]	Duty Cycle [%]	Duty Cycle Correction Factor [dB]	1/T Minimum VBW [kHz]
2 400 ~ 2 483.5 MHz Bands						
1 Mbps [37pkt]	0.392	0.756	0.5185	51.85	2.85	2.55
1 Mbps [255pkt]	2.131	2.500	0.8524	85.24	0.69	0.47
2 Mbps [37pkt]	0.207	0.536	0.3862	38.62	4.13	4.83
2 Mbps [255pkt]	1.076	1.408	0.7642	76.42	1.17	0.93

Note: Due to All diversity and Dual mode have the same duty cycle, the duty cycle of ANT1 is reported as a representative in the table above.



9.2. 6 dB BANDWIDTH

LIMITS

FCC §15.247 (a) (2)

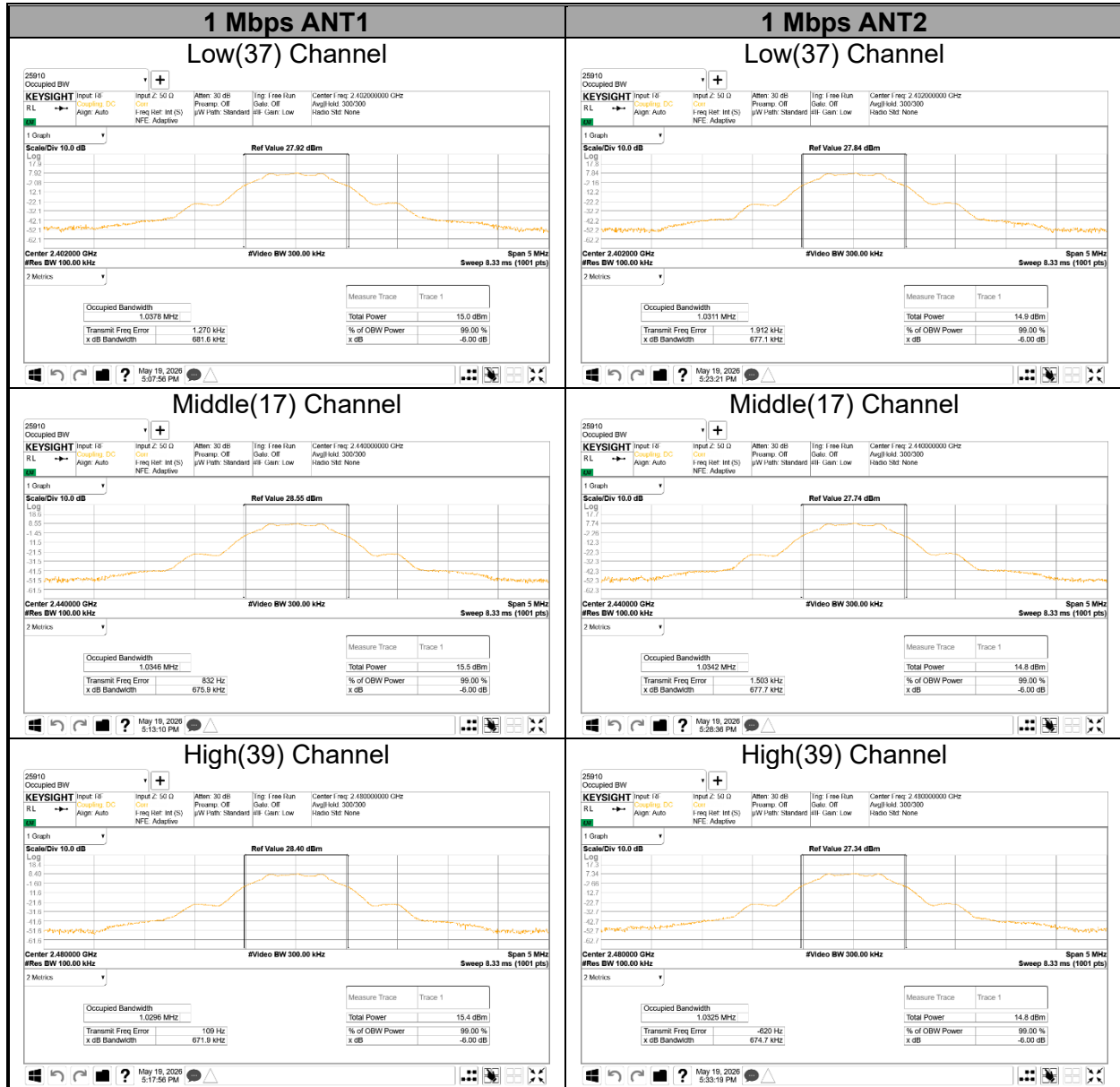
The minimum 6 dB bandwidth shall be at least 500 kHz.

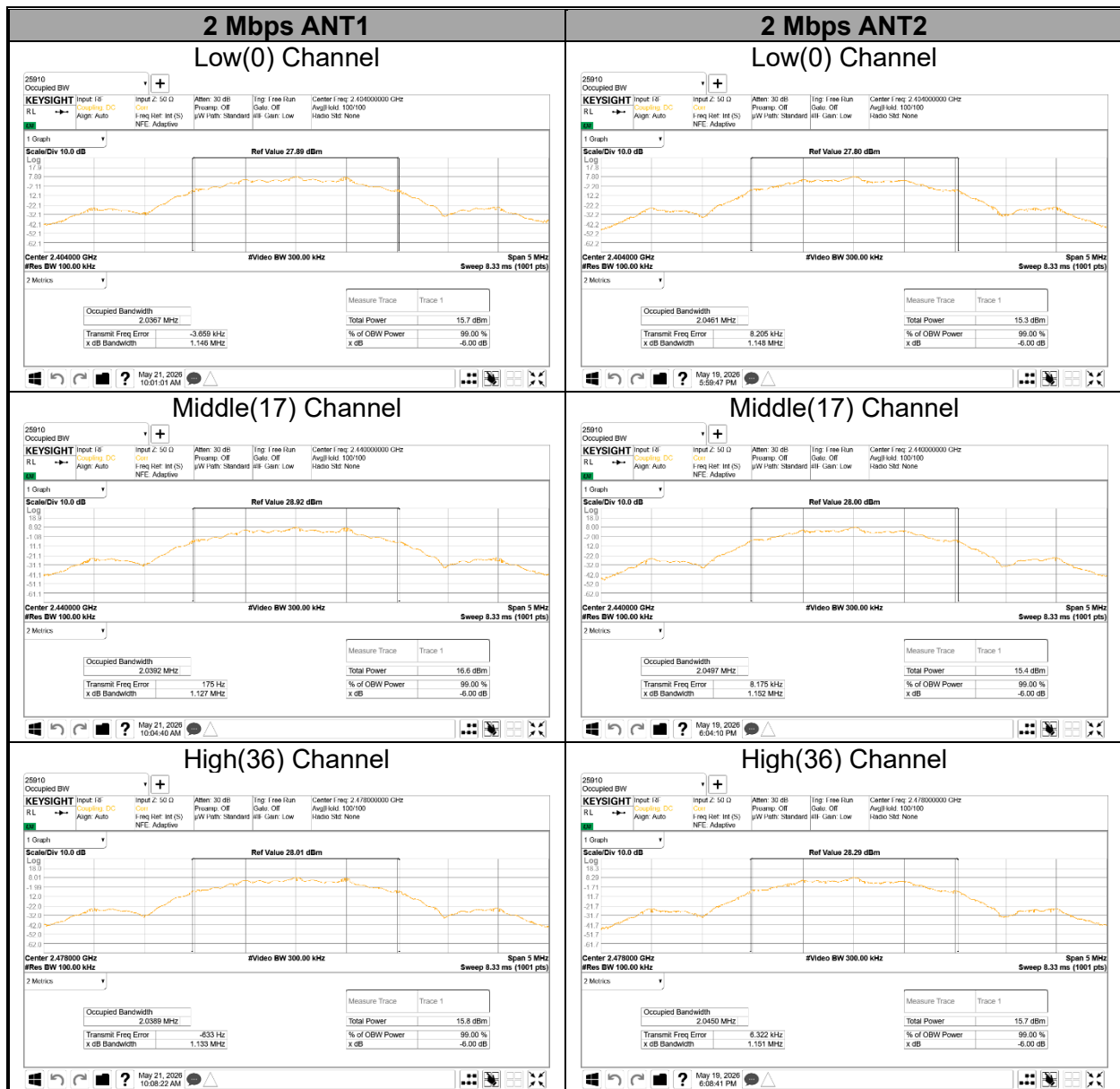
RESULTS

9.2.1. Test data

Mode	Antenna	Channel	Frequency [MHz]	6 dB Bandwidth [kHz]	Minimum Limit [kHz]
1 Mbps	ANT1 (37pkt)	37	2 402	681.6	500.0
		17	2 440	675.9	
		39	2 480	671.9	
	ANT2 (37pkt)	37	2 402	677.1	
		17	2 440	677.7	
		39	2 480	674.7	
2 Mbps	ANT1 (255pkt)	0	2 404	1146.0	
		17	2 440	1127.0	
		36	2 478	1133.0	
	ANT2 (37pkt)	0	2 404	1148.0	
		17	2 440	1152.0	
		36	2 478	1151.0	
Worst				671.9	

9.2.2. 6 dB BANDWIDTH PLOTS





9.3. OUTPUT POWER

LIMITS

FCC §15.247 (b) (3)

The maximum antenna gain is less than or equal to 6 dBi, therefore the limit is 30 dBm.

TEST PROCEDURE

Peak power is measured using ANSI C63.10(2020) under section 11.9.1.1 utilizing spectrum analyzer(RBW $\geq$ DTS bandwidth).

RESULTS

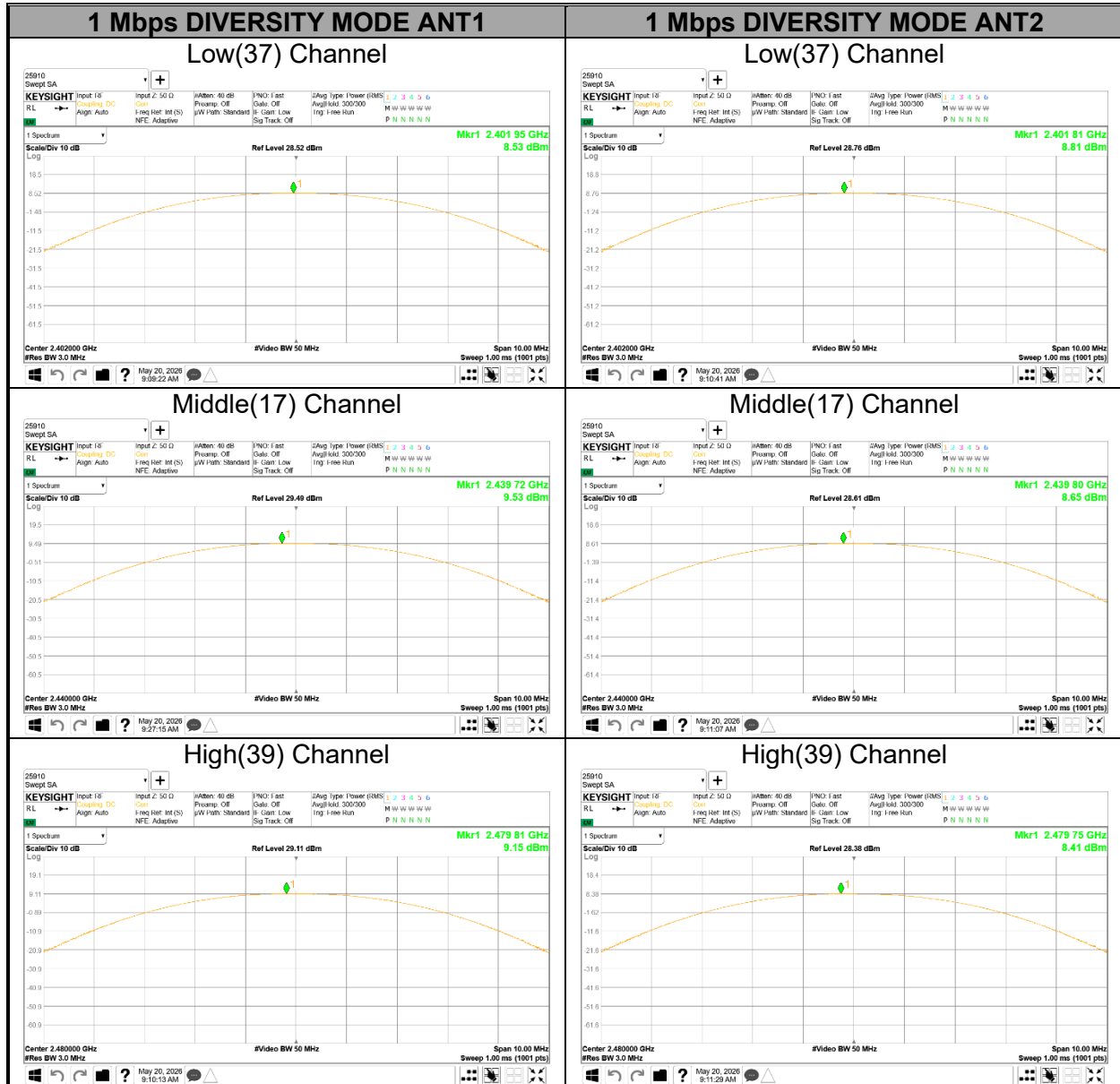
9.3.1. DIVERSITY MODE TEST DATA

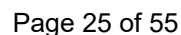
Mode	Antenna	Channel	Frequency [MHz]	Peak Output Power [dBm]	Limit [dBm]	Margin [dB]
1 Mbps	ANT1 (37 pkt)	37	2 402	8.53	30.00	-21.47
		17	2 440	9.53		-20.47
		39	2 480	9.15		-20.85
	ANT2 (37 pkt)	37	2 402	8.81		-21.19
		17	2 440	8.65		-21.35
		39	2 480	8.41		-21.59
2 Mbps	ANT1 (255 pkt)	0	2 404	8.53		-21.47
		17	2 440	9.71		-20.29
		36	2 478	9.15		-20.85
	ANT2 (37 pkt)	0	2 404	8.33		-21.67
		17	2 440	8.42		-21.58
		36	2 478	9.08		-20.92
CS SYNC 1 M	ANT1	0	2 404	8.24		-21.76
		17	2 440	9.44		-20.56
		36	2 478	8.69		-21.31
	ANT2	0	2 404	8.23		-21.77
		17	2 440	8.28		-21.72
		36	2 478	8.77		-21.23
Worst				9.71	-20.29	

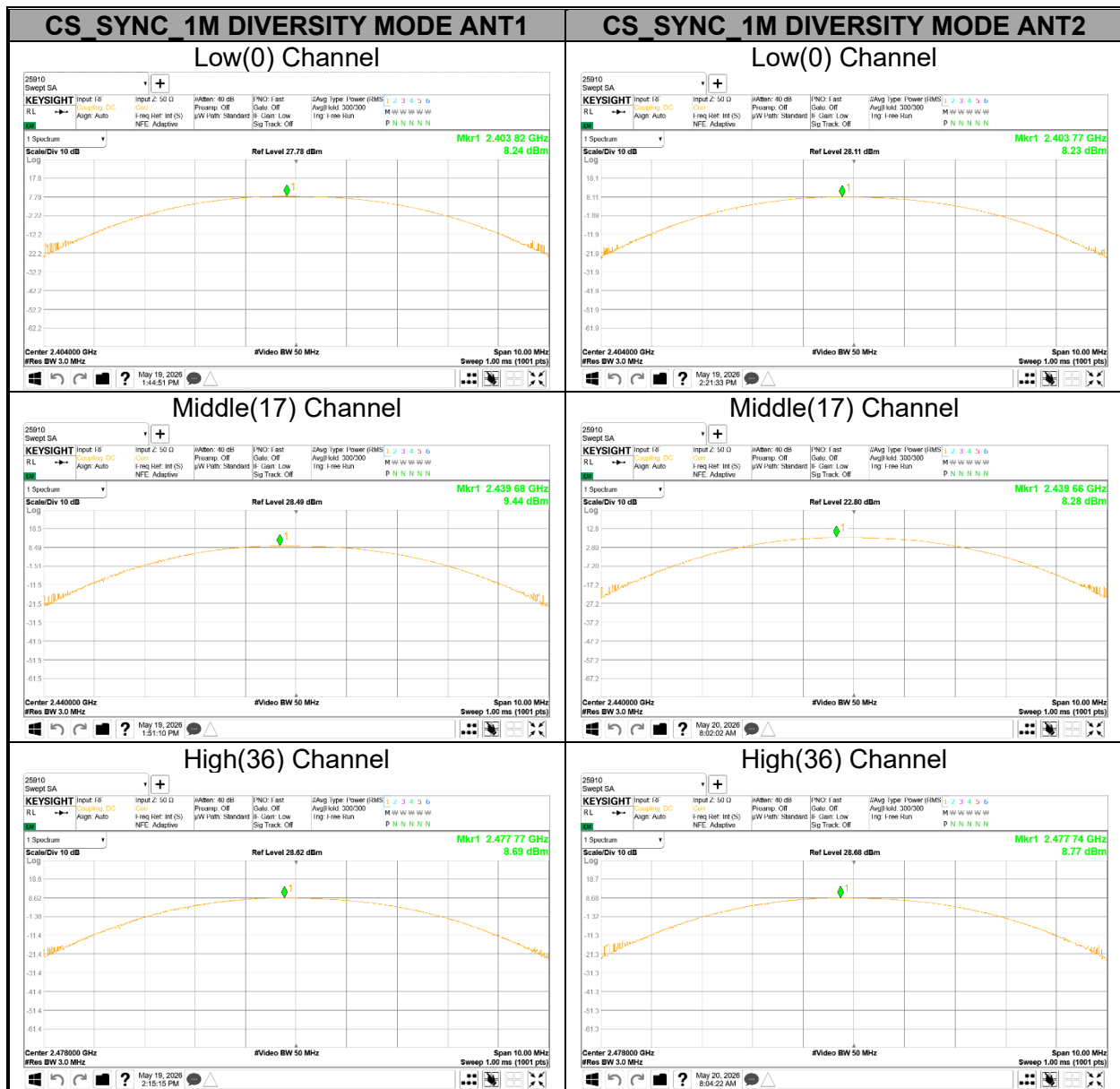
9.3.2. DUAL MODE TEST DATA

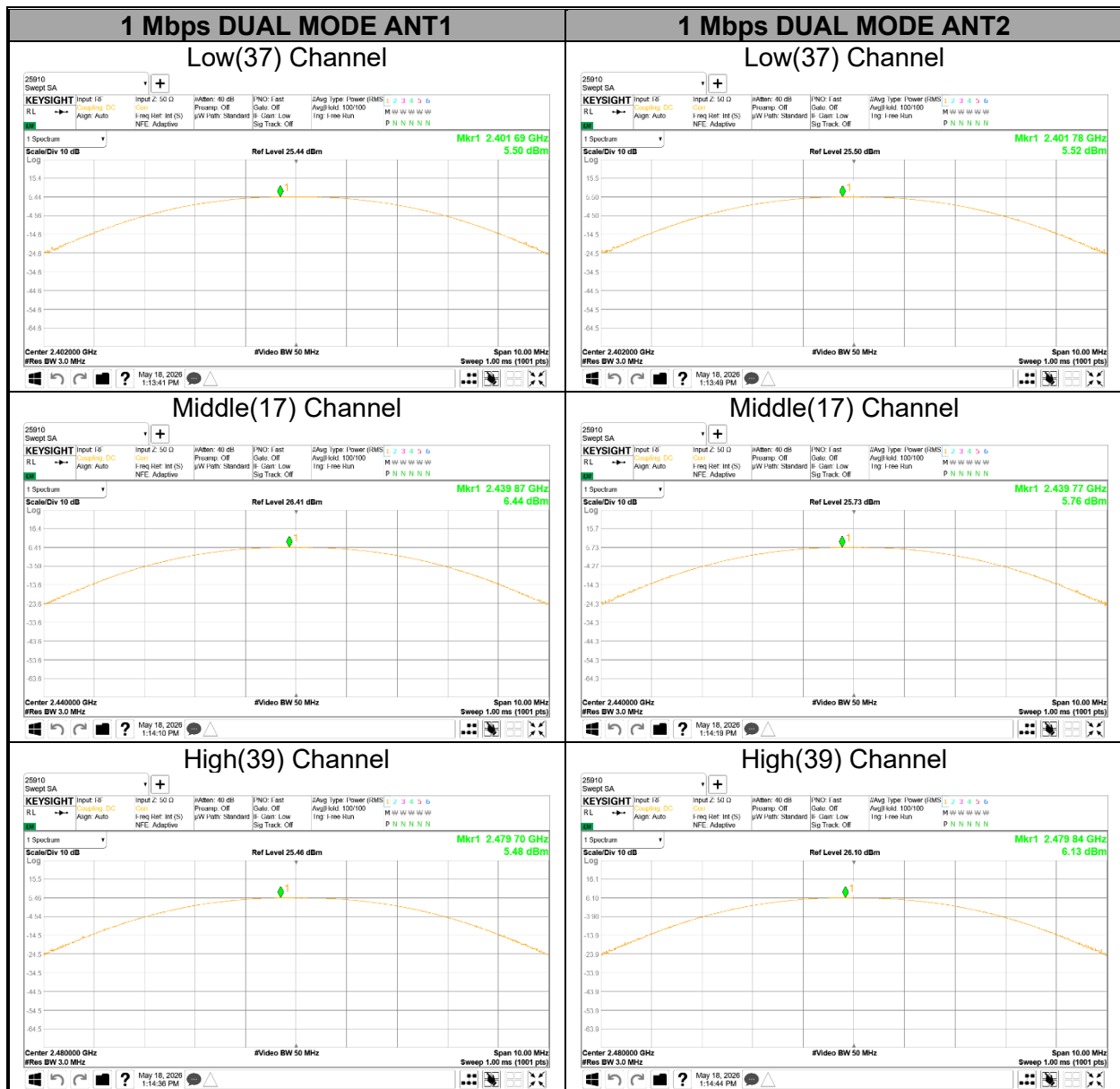
Mode	Antenna	Channel	Frequency [MHz]	Peak Output Power [dBm]	Limit [dBm]	Margin [dB]
1 Mbps	DUAL ANT1 (255 pkt)	37	2 402	5.50	30.00	
		17	2 440	6.44		
		39	2 480	5.48		
	DUAL ANT2 (255 pkt)	37	2 402	5.52		
		17	2 440	5.76		
		39	2 480	6.13		
	DUAL ANT1+2 (255 pkt)	37	2 402	8.52		-21.48
		17	2 440	9.12		-20.88
		39	2 480	8.83		-21.17
2 Mbps	DUAL ANT1 (255 pkt)	0	2 404	5.38	30.00	
		17	2 440	6.49		
		36	2 478	5.23		
	DUAL ANT2 (255 pkt)	0	2 404	5.35		
		17	2 440	5.76		
		36	2 478	6.66		
	DUAL ANT1+2 (255 pkt)	0	2 404	8.38		-21.62
		17	2 440	9.15		-20.85
		36	2 478	9.01		-20.99
Worst				9.15		-20.85

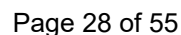
9.3.3. PEAK POWER PLOTS











9.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband RF frame average power sensor.
The cable assembly insertion loss and duty cycle correction factor were entered as an offset in the power meter to allow for direct reading of power.

RESULTS

9.4.1. DIVERSITY MODE TEST DATA

Mode	Antenna	Channel	Frequency [MHz]	Average Output Power [dBm]	Average Output Power [mW]
1 Mbps	ANT1 (37 pkt)	37	2 402	8.319	6.790
		17	2 440	9.309	8.529
		39	2 480	8.914	7.788
	ANT2 (37 pkt)	37	2 402	8.569	7.193
		17	2 440	8.427	6.961
		39	2 480	8.077	6.422
2 Mbps	ANT1 (255 pkt)	0	2 404	8.186	6.586
		17	2 440	9.333	8.576
		36	2 478	8.743	7.487
	ANT2 (37 pkt)	0	2 404	7.938	6.220
		17	2 440	8.052	6.386
		36	2 478	8.387	6.898
CS SYNC 1M	ANT1	0	2 404	7.878	6.135
		17	2 440	8.989	7.923
		36	2 478	8.187	6.587
	ANT2	0	2 404	7.712	5.905
		17	2 440	7.948	6.234
		36	2 478	8.298	6.758

9.4.2. DUAL MODE TEST DATA

Mode	Antenna	Channel	Frequency [MHz]	Average Output Power [dBm]	Average Output Power [mW]
1 Mbps (37 pkt)	DUAL ANT1	37	2 402	5.243	
		17	2 440	6.185	
		39	2 480	5.206	
	DUAL ANT2	37	2 402	5.213	
		17	2 440	5.474	
		39	2 480	5.787	
	DUAL ANT1+2	37	2 402	8.238	6.665
		17	2 440	8.854	7.681
		39	2 480	8.517	7.106
2 Mbps (255 pkt)	DUAL ANT1	0	2 404	4.934	
		17	2 440	6.061	
		36	2 478	4.810	
	DUAL ANT2	0	2 404	4.912	
		17	2 440	5.334	
		36	2 478	6.140	
	DUAL ANT1+2	0	2 404	7.933	6.213
		17	2 440	8.723	7.452
		36	2 478	8.536	7.138

9.5. POWER SPECTRAL DENSITY

LIMITS

FCC §15.247 (e)

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

TEST PROCEDURE

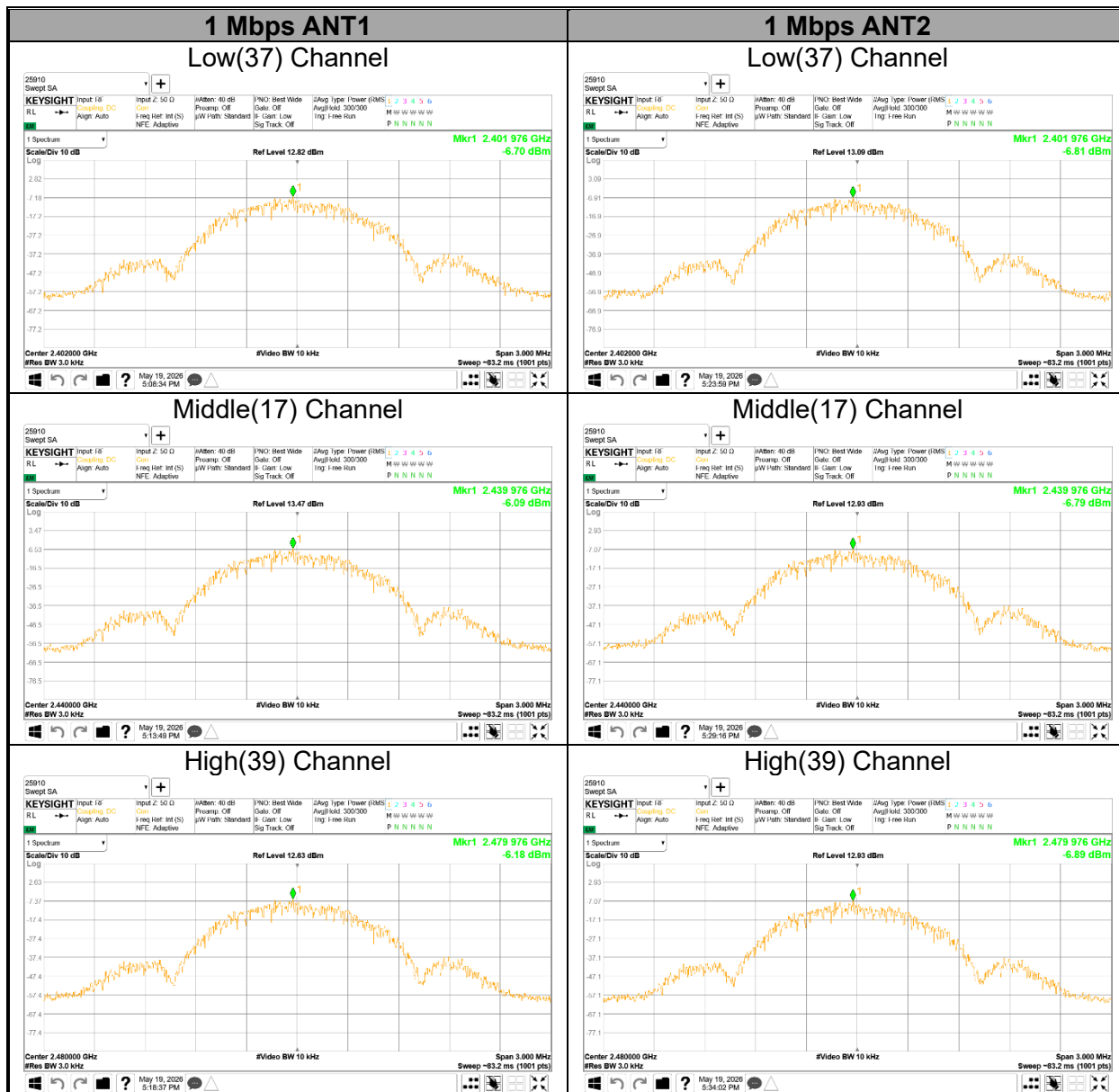
ANSI C63.10-2020, Section 11.10.2 Method PKPSD (peak PSD)

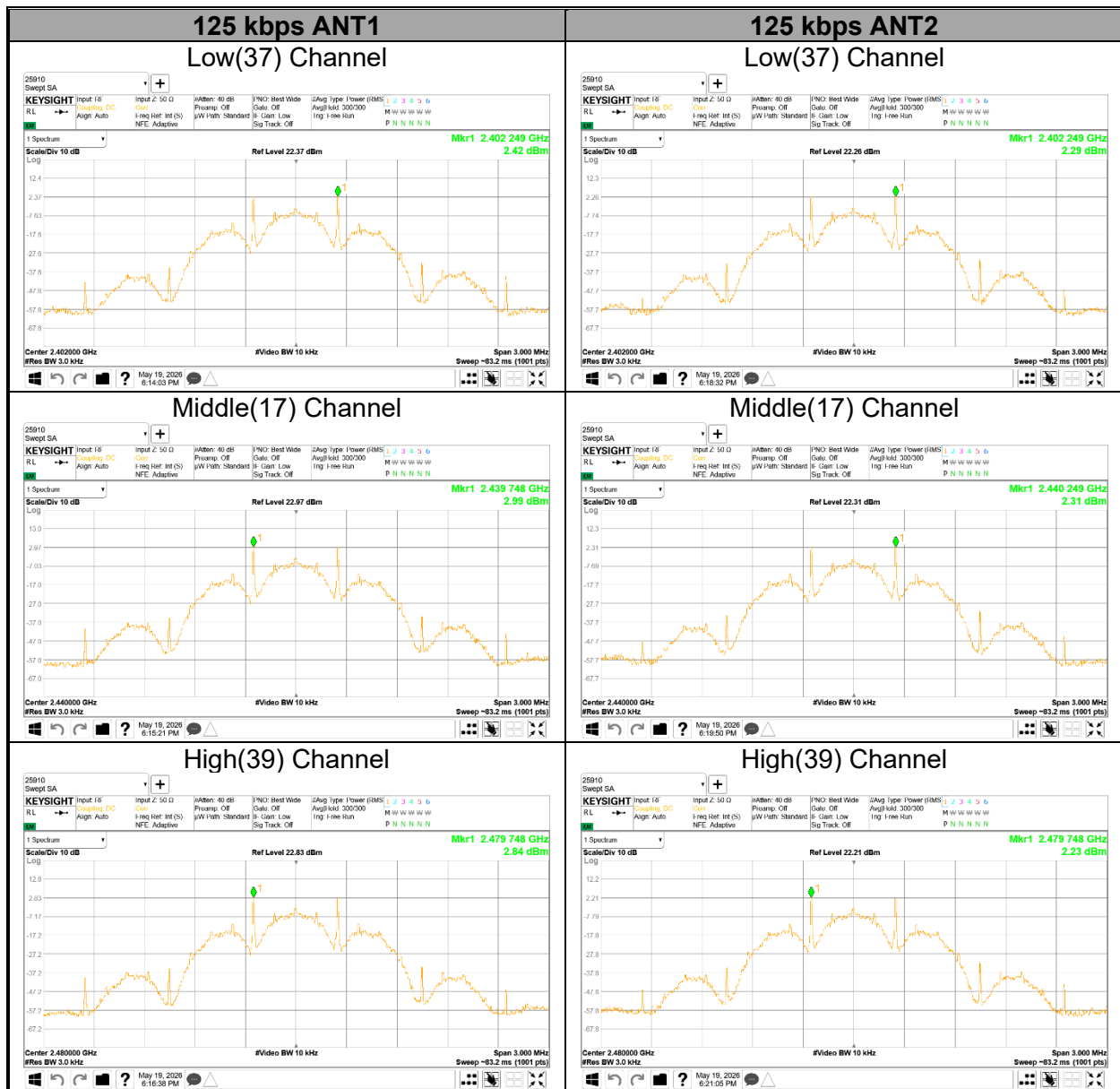
RESULTS

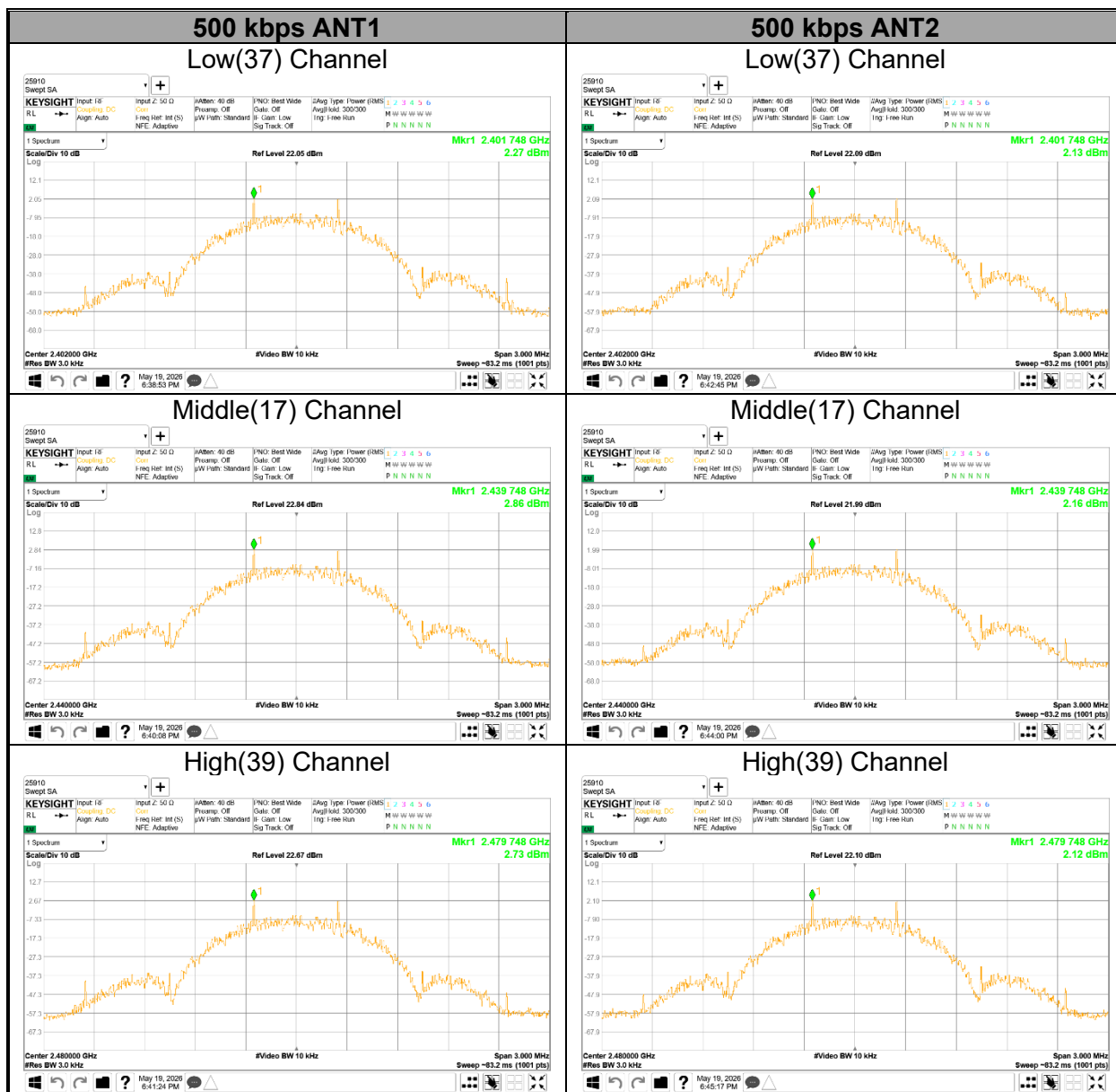
9.5.1. TEST DATA

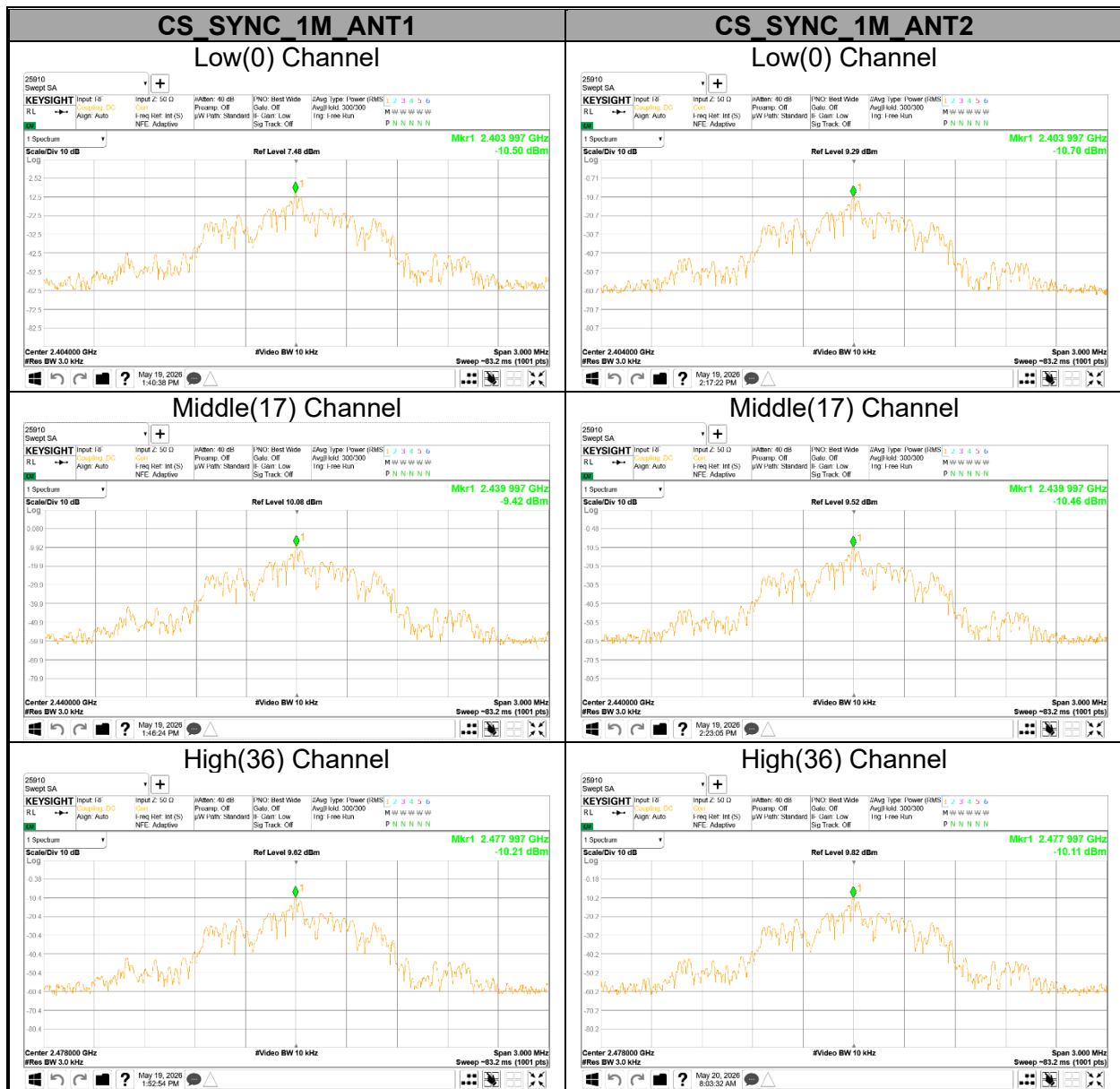
Mode	Antenna	Channel	Frequency [MHz]	PSD [dBm/3kHz]	Limit [dBm/3kHz]	Margin [dB]
1 Mbps	ANT1 (37pkt)	37	2 402	-6.70	8.00	-14.70
		17	2 440	-6.09		-14.09
		39	2 480	-6.18		-14.18
	ANT2 (37pkt)	37	2 402	-6.81		-14.81
		17	2 440	-6.79		-14.79
		39	2 480	-6.89		-14.89
125 kbps	ANT1 (255pkt)	37	2 402	2.42		-5.58
		17	2 440	2.99		-5.01
		39	2 480	2.84		-5.16
	ANT2 (255pkt)	37	2 402	2.29		-5.71
		17	2 440	2.31		-5.69
		39	2 480	2.23		-5.77
500 kbps	ANT1 (37pkt)	37	2 402	2.27		-5.73
		17	2 440	2.86		-5.14
		39	2 480	2.73		-5.27
	ANT2 (37pkt)	37	2 402	2.13		-5.87
		17	2 440	2.16		-5.84
		39	2 480	2.12		-5.88
CS_SYNC 1M	ANT1	0	2 404	-10.50		-18.50
		17	2 440	-9.42		-17.42
		36	2 478	-10.21		-18.21
	ANT2	0	2 404	-10.70		-18.70
		17	2 440	-10.46		-18.46
		36	2 478	-10.11		-18.11
2 Mbps	ANT1 (255pkt)	0	2 404	-10.96		-18.96
		17	2 440	-10.10		-18.10
		36	2 478	-10.44		-18.44
	ANT2 (37pkt)	0	2 404	-9.11		-17.11
		17	2 440	-8.99		-16.99
		36	2 478	-8.59		-16.59
Worst				2.99	-5.01	

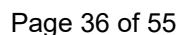
9.5.2. PSD TEST PLOTS











9.6. CONDUCTED SPURIOUS EMISSIONS

LIMITS

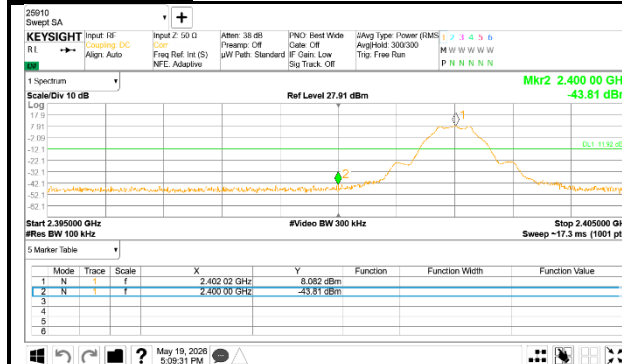
FCC §15.247 (d)

Output power was measured based on the use of a peak measurement.
Therefore, spurious emissions are required to be 20 dBc.

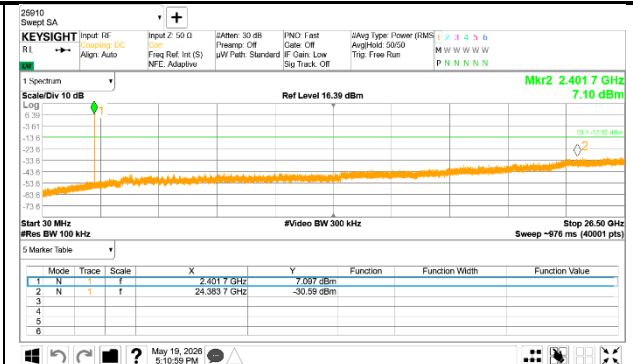
RESULTS

9.6.1. Test plot

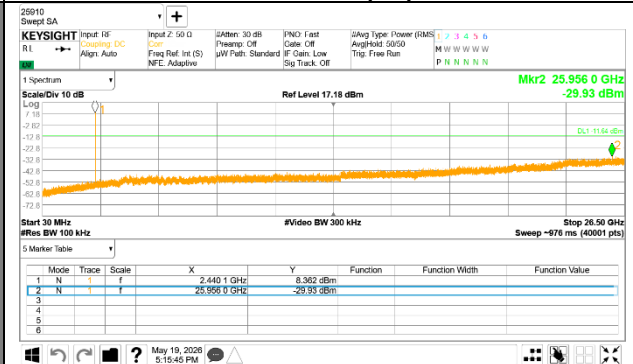
1 Mbps ANT1



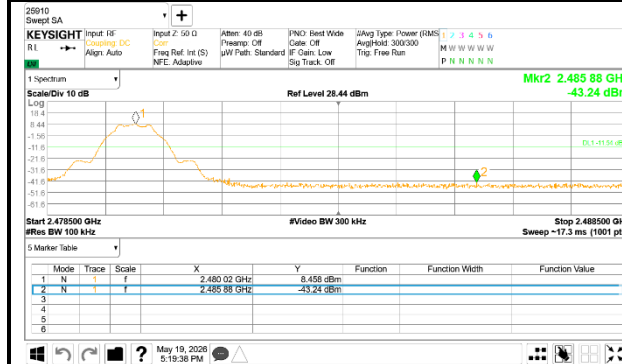
LOW(37) CHANNEL BANDEDGE



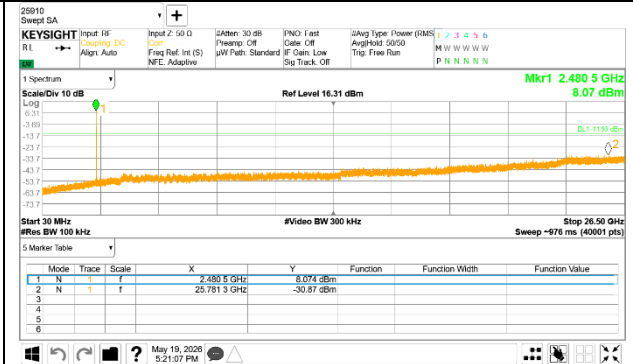
OUT-OF-BAND LOW(37) CHANNEL



OUT-OF-BAND MIDDLE(17) CHANNEL

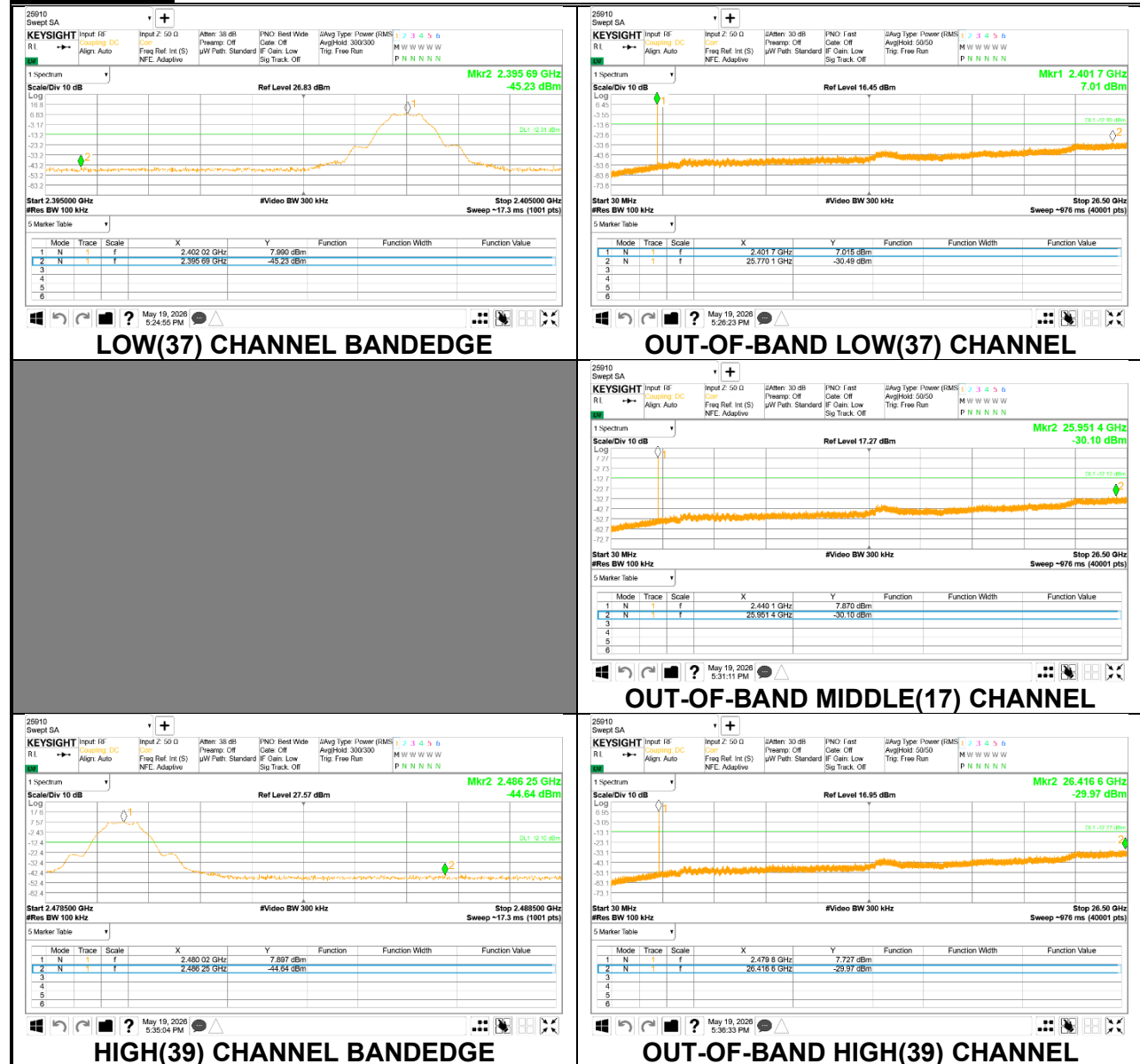


HIGH(39) CHANNEL BANDEDGE

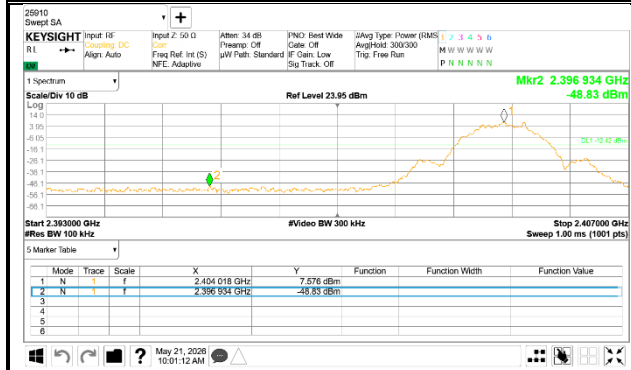


OUT-OF-BAND HIGH(39) CHANNEL

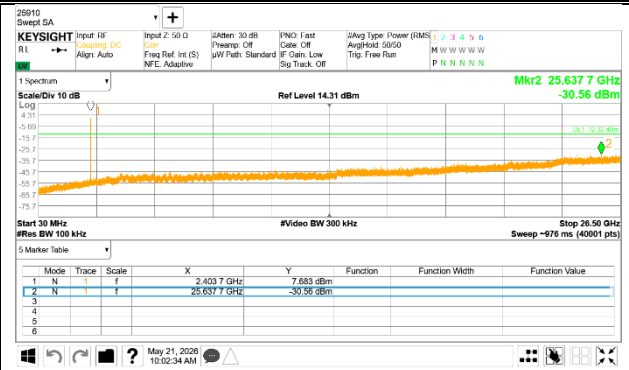
1 Mbps ANT2



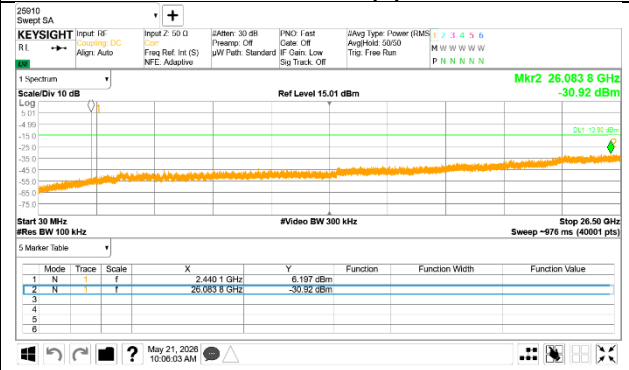
2 Mbps ANT1



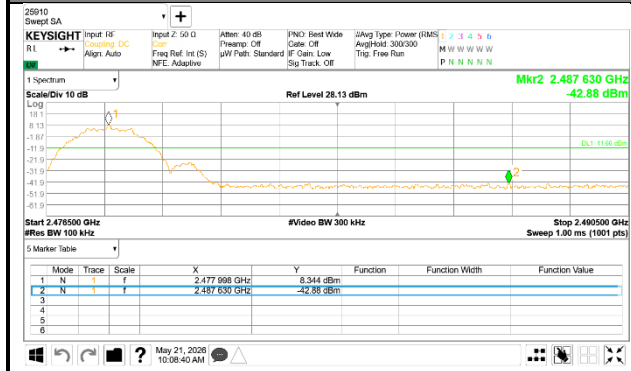
LOW(0) CHANNEL BANDEGE



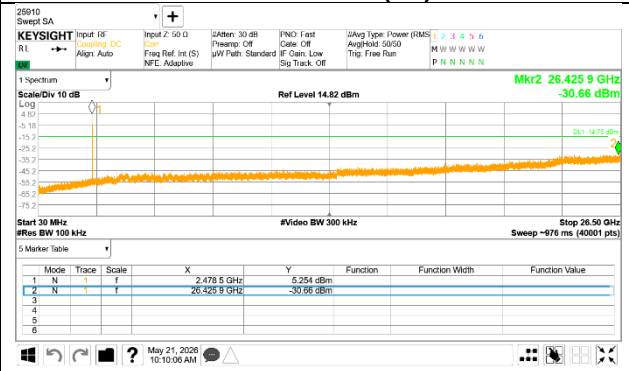
OUT-OF-BAND LOW(0) CHANNEL



OUT-OF-BAND MIDDLE(17) CHANNEL

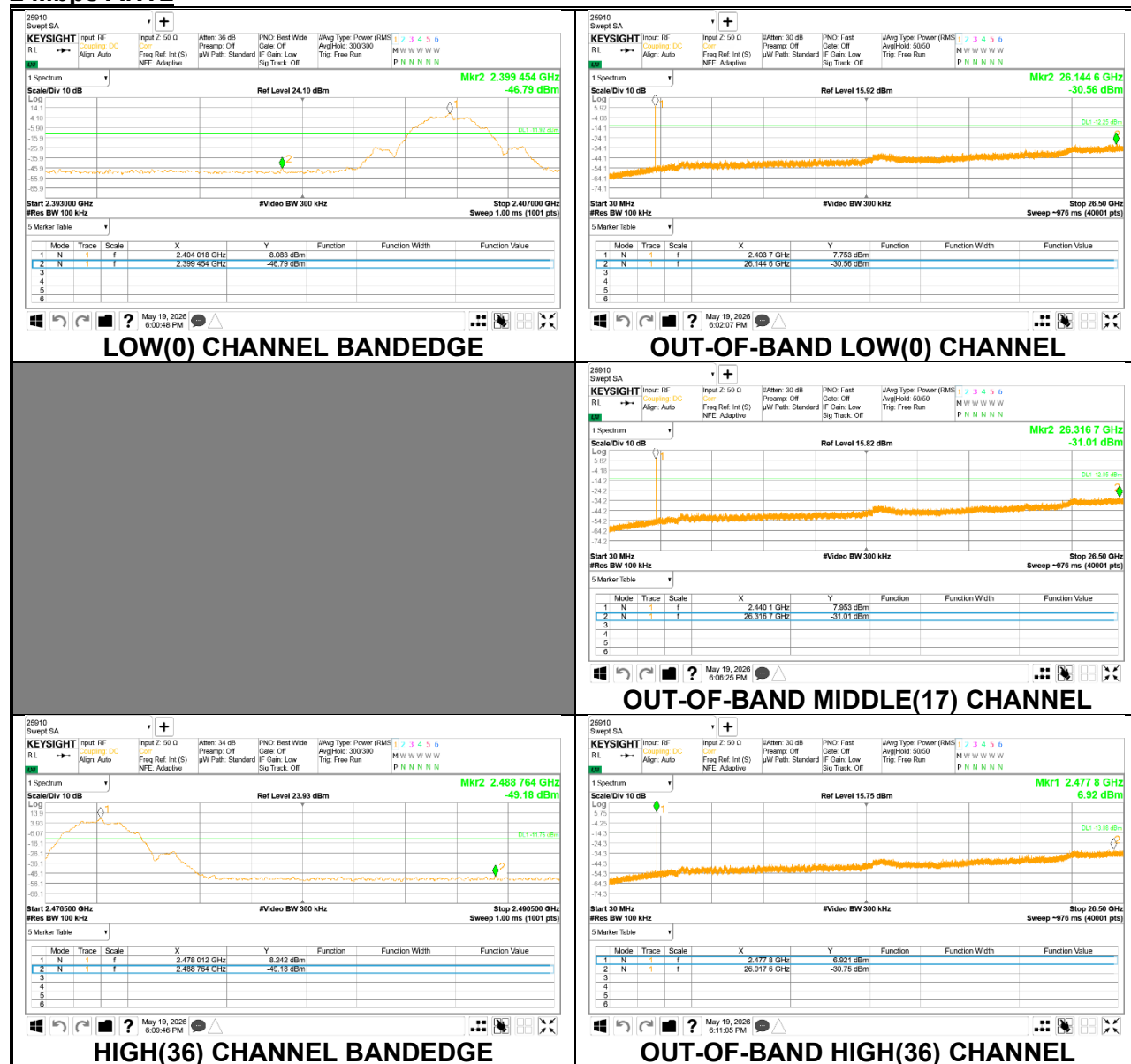


HIGH(36) CHANNEL BANDEGE



OUT-OF-BAND HIGH(36) CHANNEL

2 Mbps ANT2



10. RADIATED TEST RESULTS

10.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

Limits for radiated disturbance of an intentional radiator		
Frequency range (MHz)	Limits (µV/m)	Measurement Distance (m)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30	30
30 – 88	100**	3
88 - 216	150**	3
216 – 960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g. §§ 15.231 and 15.241.

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150 cm for above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and add duty cycle factor for average measurements. (Restricted band-edge, Final detection of spurious harmonic emissions)

Duty cycle factor = $10 \log (1/x)$. For this sample:

Mode	Duty cycle x [Linear]	Duty Cycle Correction Factor [dB]
1 Mbps [37pkt]	0.5185	2.85
1 Mbps [255pkt]	0.8524	0.69
2 Mbps [37pkt]	0.3862	4.13
2 Mbps [255pkt]	0.7642	1.17

Pre-scans to detect harmonic and spurious emissions, the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 kHz for peak measurements.

The spectrum from 1 GHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

(From 30MHz to 1GHz, test was performed with the EUT set to transmit at the channel with highest output power)

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

Note : Emission was pre-scanned from 9kHz to 30MHz; No emissions were detected which was at least 20dB below the specification limit (consider distance correction factor).

Per FCC part 15.31(o), test results were not reported.

Although these tests were performed other than open field test site, adequate comparison measurements were confirmed against 30 m open are test site.

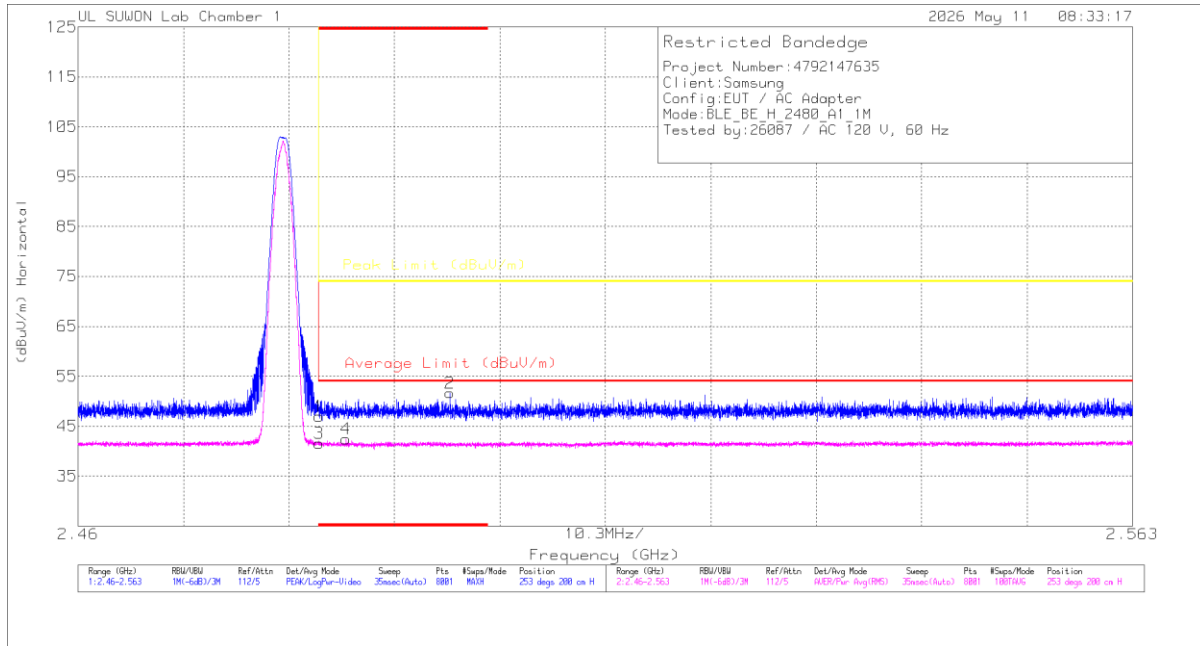
Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the one of tests made in an open field based on KDB 414788.

10.2. TRANSMITTER ABOVE 1 GHz

10.2.1. TX ABOVE 1 GHz BLUETOOTH LE 1 Mbps

BANDEDGE (WORST CASE: 2480 MHz, ANT2)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_Factor (dBm)	10dB_Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	41.13	Pk	32	-26.2	0	46.93	-	-	74	-27.07	253	200	H
2	* 2.49633	45.88	Pk	32	-26.2	0	51.68	-	-	74	-22.32	253	200	H
3	* 2.48351	32.86	RMS	32	-26.2	2.85	41.51	54	-12.49	-	-	253	200	H
4	* 2.48615	33.72	RMS	32	-26.1	2.85	42.47	54	-11.53	-	-	253	200	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE TEST DATA

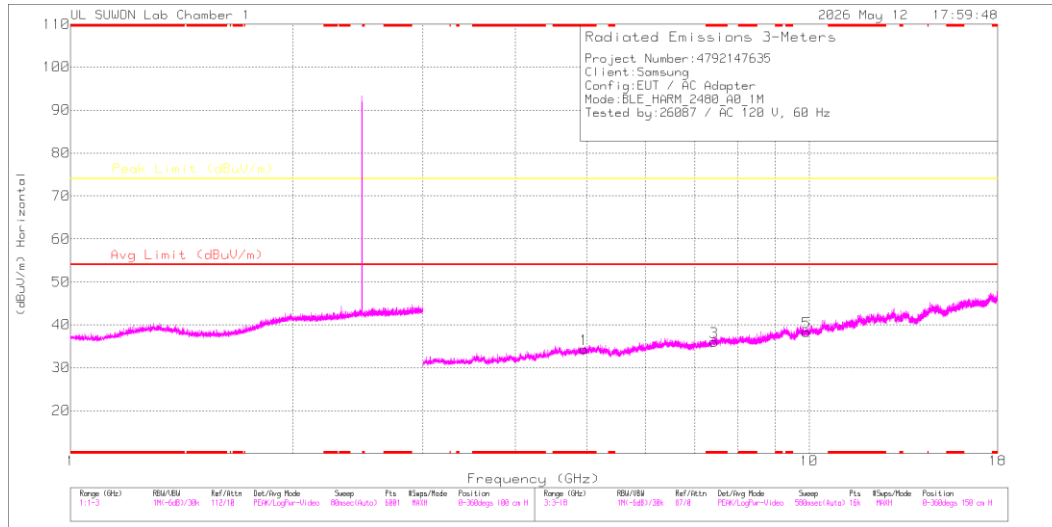
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2402	ANT1	* 2.39	42.36	Pk	31.70	-26.20	0.00	47.86	-	-	74.00	-26.14	157	240	H
		* 2.38708	45.19	Pk	31.70	-26.20	0.00	50.69	-	-	74.00	-23.31	157	240	H
		* 2.39	32.64	RMS	31.70	-26.20	2.85	40.99	54.00	-13.01	-	-	157	240	H
		* 2.38401	33.23	RMS	31.70	-26.20	2.85	41.58	54.00	-12.42	-	-	157	240	H
		* 2.39	41.89	Pk	31.70	-26.20	0.00	47.39	-	-	74.00	-26.61	300	279	V
		* 2.34506	45.90	Pk	31.60	-26.20	0.00	51.30	-	-	74.00	-22.70	300	279	V
		* 2.39	32.91	RMS	31.70	-26.20	2.85	41.26	54.00	-12.74	-	-	300	279	V
		* 2.3824	33.24	RMS	31.70	-26.20	2.85	41.59	54.00	-12.41	-	-	300	279	V
2480	ANT1	* 2.48351	42.37	Pk	32.00	-26.20	0.00	48.17	-	-	74.00	-25.83	141	126	H
		2.529	45.93	Pk	32.00	-26.10	0.00	51.83	-	-	74.00	-22.17	141	126	H
		* 2.48351	32.54	RMS	32.00	-26.20	2.85	41.19	54.00	-12.81	-	-	141	126	H
		2.525	33.43	RMS	32.00	-26.10	2.85	42.18	54.00	-11.82	-	-	141	126	H
		* 2.48351	42.48	Pk	32.00	-26.20	0.00	48.28	-	-	74.00	-25.72	317	295	V
		2.555	46.42	Pk	32.10	-26.00	0.00	52.52	-	-	74.00	-21.48	317	295	V
		* 2.48351	32.55	RMS	32.00	-26.20	2.85	41.20	54.00	-12.80	-	-	317	295	V
		2.513	33.27	RMS	32.00	-26.00	2.85	42.12	54.00	-11.88	-	-	317	295	V
2402	ANT2	* 2.39	42.98	Pk	31.70	-26.20	0.00	48.48	-	-	74.00	-25.52	258	125	H
		* 2.37122	45.67	Pk	31.70	-26.20	0.00	51.17	-	-	74.00	-22.83	258	125	H
		* 2.39	32.29	RMS	31.70	-26.20	2.85	40.64	54.00	-13.36	-	-	258	125	H
		* 2.36736	33.29	RMS	31.70	-26.20	2.85	41.64	54.00	-12.36	-	-	258	125	H
		* 2.39	42.23	Pk	31.70	-26.20	0.00	47.73	-	-	74.00	-26.27	242	396	V
		* 2.34689	44.97	Pk	31.60	-26.20	0.00	50.37	-	-	74.00	-23.63	242	396	V
		* 2.39	32.50	RMS	31.70	-26.20	2.85	40.85	54.00	-13.15	-	-	242	396	V
		* 2.338	33.43	RMS	31.60	-26.20	2.85	41.68	54.00	-12.32	-	-	242	396	V
2480	ANT2	* 2.48351	41.13	Pk	32.00	-26.20	0.00	46.93	-	-	74.00	-27.07	253	200	H
		* 2.49633	45.88	Pk	32.00	-26.20	0.00	51.68	-	-	74.00	-22.32	253	200	H
		* 2.48351	32.86	RMS	32.00	-26.20	2.85	41.51	54.00	-12.49	-	-	253	200	H
		* 2.48615	33.72	RMS	32.00	-26.10	2.85	42.47	54.00	-11.53	-	-	253	200	H
		* 2.48351	44.55	Pk	32.00	-26.20	0.00	50.35	-	-	74.00	-23.65	254	367	V
		2.539	45.50	Pk	32.10	-26.00	0.00	51.60	-	-	74.00	-22.40	254	367	V
		* 2.48351	32.81	RMS	32.00	-26.20	2.85	41.46	54.00	-12.54	-	-	254	367	V
		* 2.4934	33.45	RMS	32.00	-26.10	2.85	42.20	54.00	-11.80	-	-	254	367	V
2402	DUAL	* 2.39	42.12	Pk	31.70	-26.20	0.00	47.62	-	-	74.00	-26.38	259	123	H
		* 2.37594	45.41	Pk	31.70	-26.30	0.00	50.81	-	-	74.00	-23.19	259	123	H
		* 2.39	32.53	RMS	31.70	-26.20	2.85	40.88	54.00	-13.12	-	-	259	123	H
		* 2.3792	33.16	RMS	31.70	-26.10	2.85	41.61	54.00	-12.39aa	-	-	259	123	H
		* 2.39	41.73	Pk	31.70	-26.20	0.00	47.23	-	-	74.00	-26.77	246	352	V
		* 2.36532	45.16	Pk	31.70	-26.20	0.00	50.66	-	-	74.00	-23.34	246	352	V
		* 2.39	32.61	RMS	31.70	-26.20	2.85	40.96	54.00	-13.04	-	-	246	352	V
		* 2.3807	33.40	RMS	31.70	-26.20	2.85	41.75	54.00	-12.25	-	-	246	352	V
2480	DUAL	* 2.48351	41.47	Pk	32.00	-26.20	0.00	47.27	-	-	74.00	-26.73	259	123	H
		2.562	45.76	Pk	32.10	-26.00	0.00	51.86	-	-	74.00	-22.14	259	123	H
		* 2.48351	32.60	RMS	32.00	-26.20	2.85	41.25	54.00	-12.75	-	-	259	123	H
		2.560	33.20	RMS	32.10	-26.00	2.85	42.15	54.00	-11.85	-	-	259	123	H
		* 2.48351	43.36	Pk	32.00	-26.20	0.00	49.16	-	-	74.00	-24.84	248	367	V
		2.562	45.50	Pk	32.10	-26.00	0.00	51.60	-	-	74.00	-22.40	248	367	V
		* 2.48351	32.43	RMS	32.00	-26.20	2.85	41.08	54.00	-12.92	-	-	248	367	V
		2.560	33.04	RMS	32.10	-25.90	2.85	42.09	54.00	-11.91	-	-	248	367	V

Note1. Pk - Peak detector, RMS - RMS detector

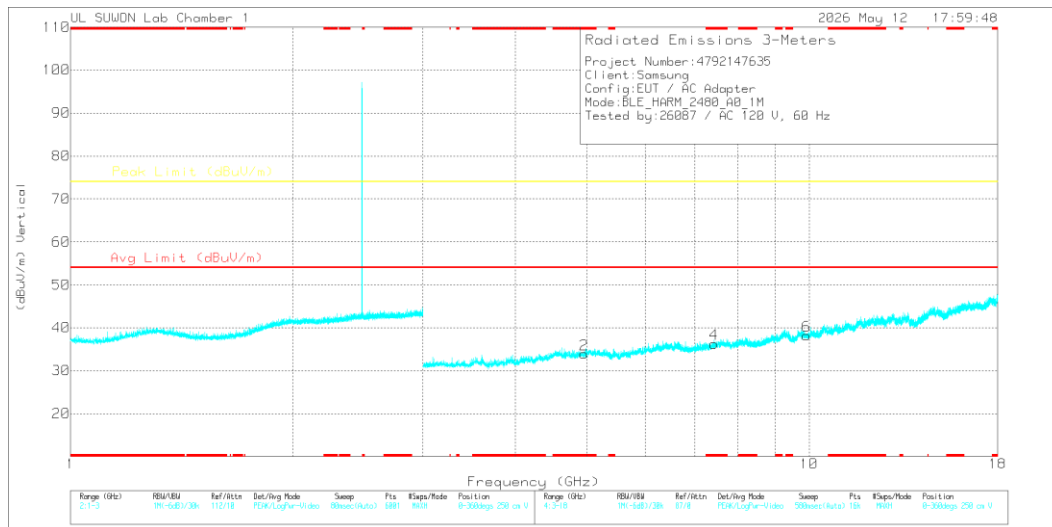
Note2. * - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 2480 MHz, ANT1)

2480 MHz RESULTS



HORIZONTAL



VERTICAL

Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_Factor (dB/m)	3GHz_HP_Pat h Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.96059	43.31	PK2	34.2	-32.9	0	44.61	-	-	74	-29.39	117	156	H
* 4.95996	31.84	MAv1	34.2	-32.9	2.85	35.99	54	-18.01	-	-	117	156	H
* 4.95995	43.27	PK2	34.2	-32.9	0	44.57	-	-	74	-29.43	8	245	V
* 4.95971	32.03	MAv1	34.2	-32.9	2.85	36.18	54	-17.82	-	-	8	245	V
* 7.43998	42.09	PK2	35.6	-30.4	0	47.29	-	-	74	-26.71	139	103	H
* 7.43937	31.12	MAv1	35.6	-30.4	2.85	39.17	54	-14.83	-	-	139	103	H
* 7.43937	41.62	PK2	35.6	-30.4	0	46.82	-	-	74	-27.18	197	103	V
* 7.43949	30.84	MAv1	35.6	-30.4	2.85	38.89	54	-15.11	-	-	197	103	V
9.9209	37.31	PK2	37.4	-27.1	0	47.61	-	-	74	-26.39	0	100	H
9.91794	36.99	PK2	37.4	-27.1	0	47.29	-	-	74	-26.71	0	100	V

* - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result dBuV/m	AV Limit dBuV/m	AV Margin [dB]	PK Limit dBuV/m	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2402	ANT1	* 4.80412	36.43	PK2	34.20	-33.00	0.00	37.63	-	-	74.00	-36.37	119	165	H
		* 4.80366	33.78	MAv1	34.20	-33.00	2.85	37.83	54.00	-16.17	-	-	119	165	H
		* 4.80398	44.32	PK2	34.20	-33.00	0.00	45.52	-	-	74.00	-28.48	91	103	V
		* 4.80373	32.81	MAv1	34.20	-33.00	2.85	36.86	54.00	-17.14	-	-	91	103	V
		7.207	41.55	PK2	35.50	-31.00	0.00	46.05	-	-	74.00	-27.95	112	112	H
		7.207	41.95	PK2	35.50	-31.00	0.00	46.45	-	-	74.00	-27.55	196	100	V
		9.610	37.16	PK2	37.00	-27.10	0.00	47.06	-	-	74.00	-26.94	0	100	H
		9.606	36.46	PK2	37.00	-27.10	0.00	46.36	-	-	74.00	-27.64	0	100	V
		* 4.87948	43.26	PK2	34.20	-33.00	0.00	44.46	-	-	74.00	-29.54	114	160	H
		* 4.88003	32.12	MAv1	34.20	-33.00	2.85	36.17	54.00	-17.83	-	-	114	160	H
2440	ANT1	* 4.88066	43.39	PK2	34.20	-33.00	0.00	44.59	-	-	74.00	-29.41	0	236	V
		* 4.87974	31.68	MAv1	34.20	-33.00	2.85	35.73	54.00	-18.27	-	-	0	236	V
		* 7.32089	41.98	PK2	35.50	-30.80	0.00	46.68	-	-	74.00	-27.32	112	114	H
		* 7.31947	30.86	MAv1	35.50	-30.80	2.85	38.41	54.00	-15.59	-	-	112	114	H
		* 7.32092	41.82	PK2	35.50	-30.80	0.00	46.52	-	-	74.00	-27.48	196	108	V
		* 7.31935	30.47	MAv1	35.50	-30.80	2.85	38.02	54.00	-15.98	-	-	196	108	V
		9.759	35.94	PK2	37.20	-26.40	0.00	46.74	-	-	74.00	-27.26	0	100	H
		9.762	36.39	PK2	37.20	-26.40	0.00	47.19	-	-	74.00	-26.81	0	100	V
		* 4.96059	43.31	PK2	34.20	-32.90	0.00	44.61	-	-	74.00	-29.39	117	156	H
		* 4.95996	31.84	MAv1	34.20	-32.90	2.85	35.99	54.00	-18.01	-	-	117	156	H
2480	ANT1	* 4.95995	43.27	PK2	34.20	-32.90	0.00	44.57	-	-	74.00	-29.43	8	245	V
		* 4.95971	32.03	MAv1	34.20	-32.90	2.85	36.18	54.00	-17.82	-	-	8	245	V
		* 7.43998	42.09	PK2	35.60	-30.40	0.00	47.29	-	-	74.00	-26.71	139	103	H
		* 7.43937	31.12	MAv1	35.60	-30.40	2.85	39.17	54.00	-14.83	-	-	139	103	H
		* 7.43937	41.62	PK2	35.60	-30.40	0.00	46.82	-	-	74.00	-27.18	197	103	V
		* 7.43949	30.84	MAv1	35.60	-30.40	2.85	38.89	54.00	-15.11	-	-	197	103	V
		9.921	37.31	PK2	37.40	-27.10	0.00	47.61	-	-	74.00	-26.39	0	100	H
		9.918	36.99	PK2	37.40	-27.10	0.00	47.29	-	-	74.00	-26.71	0	100	V
		* 4.8053	42.53	PK2	34.20	-32.90	0.00	43.83	-	-	74.00	-30.17	0	100	H
		* 4.80427	42.30	PK2	34.20	-33.00	0.00	43.50	-	-	74.00	-30.50	0	100	V
2402	ANT2	7.204	40.25	PK2	35.50	-30.90	0.00	44.85	-	-	74.00	-29.15	0	100	H
		7.207	40.32	PK2	35.50	-31.00	0.00	44.82	-	-	74.00	-29.18	0	100	V
		9.606	37.00	PK2	37.00	-27.10	0.00	46.90	-	-	74.00	-27.10	0	100	H
		9.607	36.95	PK2	37.00	-27.10	0.00	46.85	-	-	74.00	-27.15	0	100	V
		* 4.87755	41.87	PK2	34.20	-33.00	0.00	43.07	-	-	74.00	-30.93	0	100	H
		* 4.88043	42.22	PK2	34.20	-33.00	0.00	43.42	-	-	74.00	-30.58	0	100	V
		* 7.31968	40.41	PK2	35.50	-30.80	0.00	45.11	-	-	74.00	-28.89	0	100	H
		* 7.32042	39.79	PK2	35.50	-30.80	0.00	44.49	-	-	74.00	-29.51	0	100	V
		9.759	36.47	PK2	37.20	-26.40	0.00	47.27	-	-	74.00	-26.73	0	100	H
		9.760	36.89	PK2	37.20	-26.40	0.00	47.69	-	-	74.00	-26.31	0	100	V
2480	ANT2	* 4.95912	42.54	PK2	34.20	-32.90	0.00	43.84	-	-	74.00	-30.16	0	100	H
		* 4.95756	42.12	PK2	34.20	-32.90	0.00	43.42	-	-	74.00	-30.58	0	100	V
		* 7.44229	39.91	PK2	35.60	-30.30	0.00	45.21	-	-	74.00	-28.79	0	100	H
		* 7.43998	40.29	PK2	35.60	-30.40	0.00	45.49	-	-	74.00	-28.51	0	100	V
		9.922	37.04	PK2	37.40	-27.10	0.00	47.34	-	-	74.00	-26.66	0	100	H
		9.922	36.87	PK2	37.40	-27.10	0.00	47.17	-	-	74.00	-26.83	0	100	V
		* 4.80435	42.26	PK2	34.20	-33.00	0.00	43.46	-	-	74.00	-30.54	0	100	H
		* 4.80382	41.73	PK2	34.20	-33.00	0.00	42.93	-	-	74.00	-31.07	0	100	V
		7.205	40.52	PK2	35.50	-30.90	0.00	45.12	-	-	74.00	-28.88	0	100	H
		7.207	39.93	PK2	35.50	-31.00	0.00	44.43	-	-	74.00	-29.57	0	100	V
2402	DUAL	9.609	37.08	PK2	37.00	-27.10	0.00	46.98	-	-	74.00	-27.02	0	100	H
		9.608	36.95	PK2	37.00	-27.10	0.00	46.85	-	-	74.00	-27.15	0	100	V
		* 4.88082	42.13	PK2	34.20	-33.00	0.00	43.33	-	-	74.00	-30.67	0	100	H
		* 4.88114	41.75	PK2	34.20	-33.00	0.00	42.95	-	-	74.00	-31.05	0	100	V
		* 7.32065	40.29	PK2	35.50	-30.80	0.00	44.99	-	-	74.00	-29.01	0	100	H
		* 7.32038	40.08	PK2	35.50	-30.80	0.00	44.78	-	-	74.00	-29.22	0	100	V
		9.760	36.81	PK2	37.20	-26.40	0.00	47.61	-	-	74.00	-26.39	0	100	H
		9.762	36.48	PK2	37.20	-26.50	0.00	47.18	-	-	74.00	-26.82	0	100	V
		* 4.96164	42.44	PK2	34.20	-33.00	0.00	43.64	-	-	74.00	-30.36	46	110	H
		* 4.96046	30.70	MAv1	34.20	-32.90	2.85	34.85	54.00	-19.15	-	-	46	110	H
2480	DUAL	* 4.96064	42.71	PK2	34.20	-32.90	0.00	44.01	-	-	74.00	-29.99	0	100	V
		* 7.44171	40.38	PK2	35.60	-30.30	0.00	45.68	-	-	74.00	-28.32	0	100	H
		* 7.43815	40.08	PK2	35.60	-30.30	0.00	45.38	-	-	74.00	-28.62	0	100	V
		9.920	36.81	PK2	37.40	-27.10	0.00	47.11	-	-	74.00	-26.89	0	100	H
		9.922	36.57	PK2	37.40	-27.10	0.00	46.87	-	-	74.00	-27.13	0	100	V

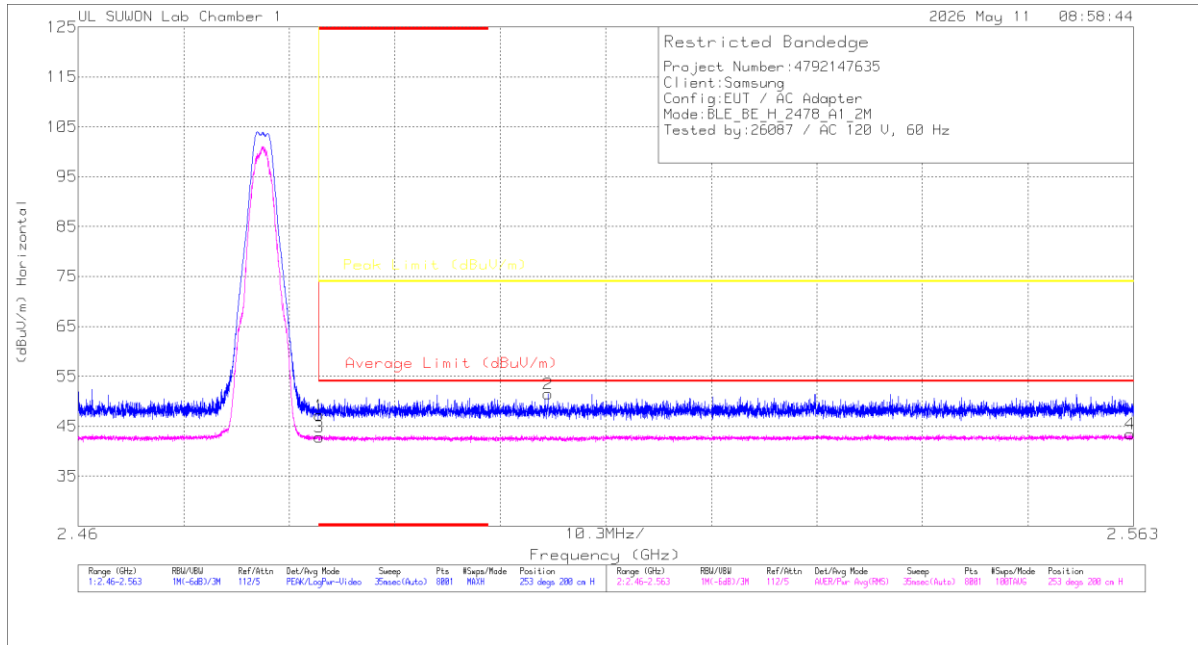
Note1. PK2 - KDB558074 Method: Maximum Peak / MAv1 - KDB558074 Option 1 Maximum RMS Average

Note2. * - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

10.2.2. TX ABOVE 1 GHz BLUETOOTH LE 2 Mbps

BANDEDGE (WORST CASE: 2478 MHz, ANT2)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_Factor (dBm)	10dB_Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	41.37	PK	32	-26.2	0	47.17	-	-	74	-26.83	253	200	H
2	2.50586	45.64	PK	32	-26.2	0	51.44	-	-	74	-22.56	253	200	H
3	* 2.48351	32.87	RMS	32	-26.2	4.13	42.8	54	-11.2	-	-	253	200	H
4	2.5627	33.24	RMS	32.1	-26	4.13	43.47	54	-10.53	-	-	253	200	H

* - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BANDEDGE TEST DATA

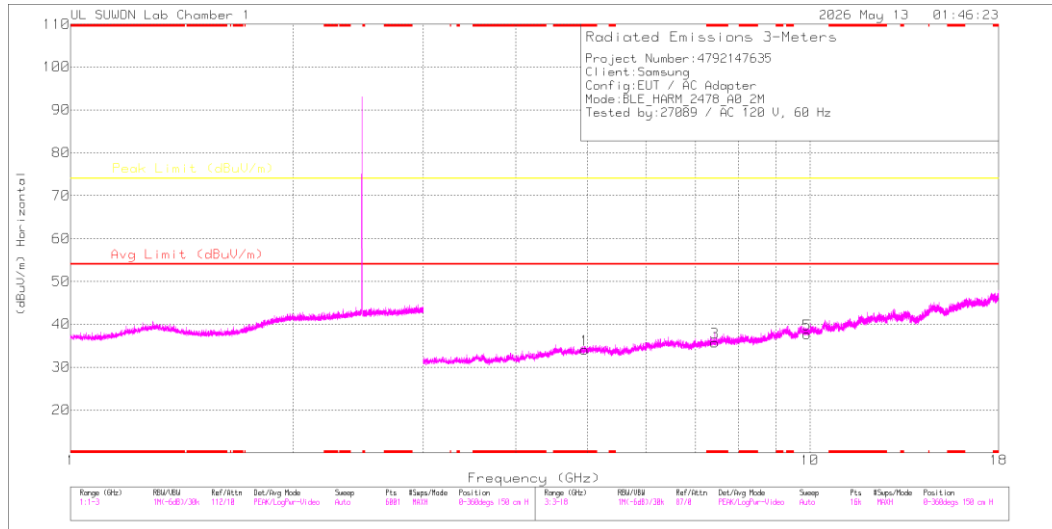
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2404	ANT 1	* 2.39	42.05	Pk	31.70	-26.20	0.00	47.55	-	-	74.00	-26.45	155	360	H
		* 2.36001	46.19	Pk	31.70	-26.30	0.00	51.59	-	-	74.00	-22.41	155	360	H
		* 2.39	32.47	RMS	31.70	-26.20	1.17	39.14	54.00	-14.86	-	-	155	360	H
		* 2.38422	33.21	RMS	31.70	-26.20	1.17	39.88	54.00	-14.12	-	-	155	360	H
		* 2.39	42.44	Pk	31.70	-26.20	0.00	47.94	-	-	74.00	-26.06	300	279	V
		* 2.35682	45.18	Pk	31.70	-26.20	0.00	50.68	-	-	74.00	-23.32	300	279	V
		* 2.39	32.43	RMS	31.70	-26.20	1.17	39.10	54.00	-14.90	-	-	300	279	V
		* 2.37829	33.22	RMS	31.70	-26.10	1.17	39.99	54.00	-14.01	-	-	300	279	V
2478	ANT 1	* 2.48351	42.21	Pk	32.00	-26.20	0.00	48.01	-	-	74.00	-25.99	151	375	H
		2.531	45.64	Pk	32.00	-26.00	0.00	51.64	-	-	74.00	-22.36	151	375	H
		* 2.48351	32.44	RMS	32.00	-26.20	1.17	39.41	54.00	-14.59	-	-	151	375	H
		2.560	33.06	RMS	32.10	-25.90	1.17	40.43	54.00	-13.57	-	-	151	375	H
		* 2.48351	42.50	Pk	32.00	-26.20	0.00	48.30	-	-	74.00	-25.70	317	295	V
		2.528	45.25	Pk	32.00	-26.10	0.00	51.15	-	-	74.00	-22.85	317	295	V
		* 2.48351	32.53	RMS	32.00	-26.20	1.17	39.50	54.00	-14.50	-	-	317	295	V
		2.520	33.26	RMS	32.00	-26.00	1.17	40.43	54.00	-13.57	-	-	317	295	V
2404	ANT 2	* 2.39	42.81	Pk	31.70	-26.20	0.00	48.31	-	-	74.00	-25.69	260	301	H
		* 2.36733	46.00	Pk	31.70	-26.20	0.00	51.50	-	-	74.00	-22.50	260	301	H
		* 2.39	32.75	RMS	31.70	-26.20	4.13	42.38	54.00	-11.62	-	-	260	301	H
		* 2.38882	33.28	RMS	31.70	-26.20	4.13	42.91	54.00	-11.09	-	-	260	301	H
		* 2.39	41.72	Pk	31.70	-26.20	0.00	47.22	-	-	74.00	-26.78	242	396	V
		* 2.34991	45.23	Pk	31.60	-26.30	0.00	50.53	-	-	74.00	-23.47	242	396	V
		* 2.39	32.58	RMS	31.70	-26.20	4.13	42.21	54.00	-11.79	-	-	242	396	V
		* 2.36401	33.26	RMS	31.70	-26.20	4.13	42.89	54.00	-11.11	-	-	242	396	V
2478	ANT 2	* 2.48351	41.37	Pk	32.00	-26.20	0.00	47.17	-	-	74.00	-26.83	253	200	H
		2.506	45.64	Pk	32.00	-26.20	0.00	51.44	-	-	74.00	-22.56	253	200	H
		* 2.48351	32.87	RMS	32.00	-26.20	4.13	42.80	54.00	-11.20	-	-	253	200	H
		2.563	33.24	RMS	32.10	-26.00	4.13	43.47	54.00	-10.53	-	-	253	200	H
		* 2.48351	42.05	Pk	32.00	-26.20	0.00	47.85	-	-	74.00	-26.15	254	367	V
		2.540	45.75	Pk	32.10	-26.00	0.00	51.85	-	-	74.00	-22.15	254	367	V
		* 2.48351	31.42	RMS	32.00	-26.20	4.13	41.35	54.00	-12.65	-	-	254	367	V
		2.542	32.01	RMS	32.10	-26.10	4.13	42.14	54.00	-11.86	-	-	254	367	V
2404	DUAL	* 2.39	41.89	Pk	31.70	-26.20	0.00	47.39	-	-	74.00	-26.61	259	123	H
		* 2.31474	45.99	Pk	31.50	-26.30	0.00	51.19	-	-	74.00	-22.81	259	123	H
		* 2.39	32.53	RMS	31.70	-26.20	4.13	42.16	54.00	-11.84	-	-	259	123	H
		* 2.3518	33.54	RMS	31.60	-26.30	4.13	42.97	54.00	-11.03	-	-	259	123	H
		* 2.39	43.53	Pk	31.70	-26.20	0.00	49.03	-	-	74.00	-24.97	246	352	V
		* 2.37065	45.70	Pk	31.70	-26.20	0.00	51.20	-	-	74.00	-22.80	246	352	V
		* 2.39	32.33	RMS	31.70	-26.20	4.13	37.83	54.00	-16.17	-	-	246	352	V
		* 2.37975	33.19	RMS	31.70	-26.20	4.13	38.69	54.00	-15.31	-	-	246	352	V
2478	DUAL	* 2.48351	42.91	Pk	32.00	-26.20	0.00	48.71	-	-	74.00	-25.29	267	119	H
		* 2.4929	45.53	Pk	32.00	-26.10	0.00	51.43	-	-	74.00	-22.57	267	119	H
		* 2.48351	32.68	RMS	32.00	-26.20	4.13	42.61	54.00	-11.39	-	-	267	119	H
		2.526	33.25	RMS	32.00	-26.00	4.13	43.38	54.00	-10.62	-	-	267	119	H
		* 2.48351	41.85	Pk	32.00	-26.20	0.00	47.65	-	-	74.00	-26.35	248	367	V
		2.504	45.74	Pk	32.00	-26.20	0.00	51.54	-	-	74.00	-22.46	248	367	V
		* 2.48351	32.05	RMS	32.00	-26.20	4.13	41.98	54.00	-12.02	-	-	248	367	V
		2.560	33.14	RMS	32.10	-25.90	4.13	43.47	54.00	-10.53	-	-	248	367	V

Note1. Pk - Peak detector, RMS - RMS detector

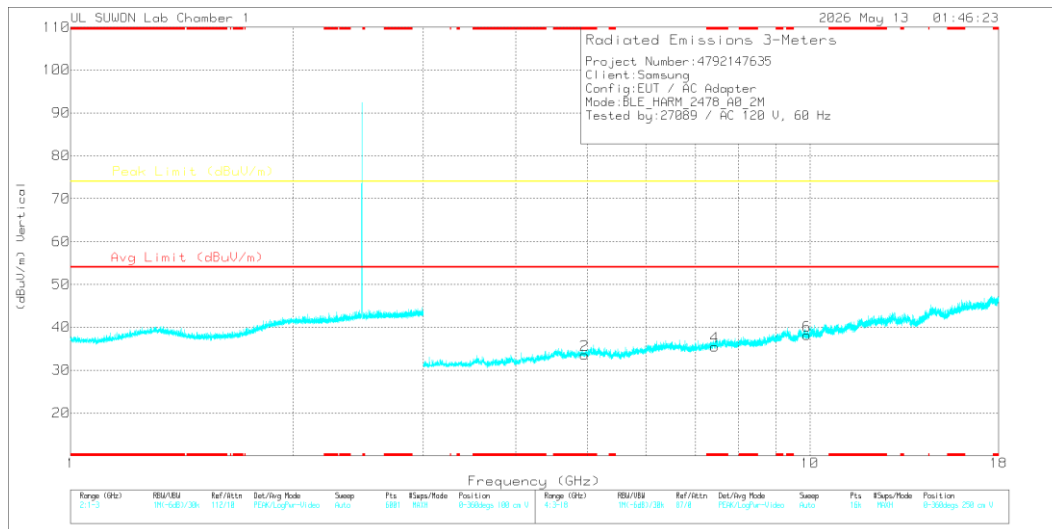
Note2. * - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS(WORST CASE: 2478 MHz, ANT1)

2478 MHz RESULTS



HORIZONTAL



VERTICAL

Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Factor (dB/m)	3GHz_HP_Pat h Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.95599	43.18	PK2	34.2	-33	0	44.38	-	-	74	-29.62	115	158	H
* 4.95631	30.57	MAV1	34.2	-33	1.17	32.94	54	-21.06	-	-	115	158	H
* 4.9572	42.55	PK2	34.2	-32.9	0	43.85	-	-	74	-30.15	132	113	V
* 4.95574	30.37	MAV1	34.2	-33	1.17	32.74	54	-21.26	-	-	132	113	V
* 7.43273	41.79	PK2	35.6	-30.3	0	47.09	-	-	74	-26.91	139	100	H
* 7.43265	29.1	MAV1	35.6	-30.3	1.17	35.57	54	-18.43	-	-	139	100	H
* 7.43512	40.87	PK2	35.6	-30.3	0	46.17	-	-	74	-27.83	210	400	V
* 7.43278	28.14	MAV1	35.6	-30.3	1.17	34.61	54	-19.39	-	-	210	400	V
9.91375	37.57	PK2	37.4	-27.1	0	47.87	-	-	74	-26.13	0	100	H
9.91014	37.36	PK2	37.4	-27.1	0	47.66	-	-	74	-26.34	0	100	V

* - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

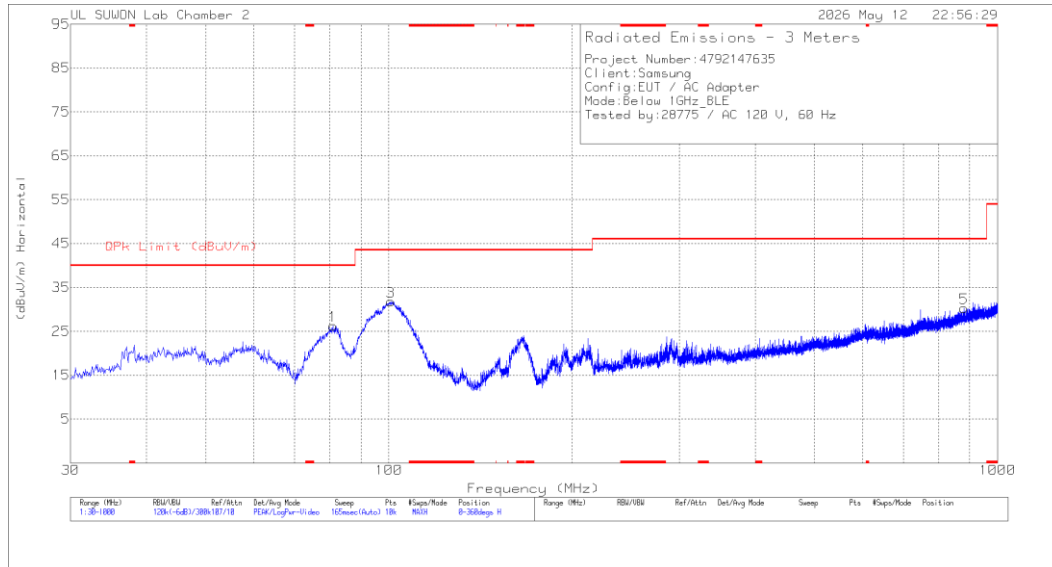
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2404	ANT 1	* 4.80698	43.95	PK2	34.20	-32.90	0.00	45.25	-	-	74.00	-28.75	117	125	H
		* 4.80716	31.71	MAv1	34.20	-32.90	1.17	34.18	54.00	-19.82	-	-	117	125	H
		* 4.80721	42.88	PK2	34.20	-32.90	0.00	44.18	-	-	74.00	-29.82	231	100	V
		* 4.80706	30.74	MAv1	34.20	-32.90	1.17	33.21	54.00	-20.79	-	-	231	100	V
		7.211	41.53	PK2	35.60	-30.90	0.00	46.23	-	-	74.00	-27.77	107	113	H
		7.210	40.33	PK2	35.60	-30.90	0.00	45.03	-	-	74.00	-28.97	221	396	V
		9.620	36.68	PK2	37.00	-27.00	0.00	46.68	-	-	74.00	-27.32	0	100	H
		9.615	36.62	PK2	37.00	-27.00	0.00	46.62	-	-	74.00	-27.38	0	100	V
		* 4.88103	43.04	PK2	34.20	-33.00	0.00	44.24	-	-	74.00	-29.76	117	119	H
		* 4.87915	30.71	MAv1	34.20	-33.00	1.17	33.08	54.00	-20.92	-	-	117	119	H
2440	ANT 1	* 4.87921	42.57	PK2	34.20	-33.00	0.00	43.77	-	-	74.00	-30.23	248	103	V
		* 4.87926	30.25	MAv1	34.20	-33.00	1.17	32.62	54.00	-21.38	-	-	248	103	V
		* 7.32003	41.97	PK2	35.50	-30.80	0.00	46.67	-	-	74.00	-27.33	109	130	H
		* 7.31863	29.44	MAv1	35.50	-30.80	1.17	35.31	54.00	-18.69	-	-	109	130	H
		* 7.32138	40.97	PK2	35.50	-30.70	0.00	45.77	-	-	74.00	-28.23	231	400	V
		* 7.31861	28.58	MAv1	35.50	-30.80	1.17	34.45	54.00	-19.55	-	-	231	400	V
		9.758	36.28	PK2	37.20	-26.40	0.00	47.08	-	-	74.00	-26.92	0	100	H
		9.761	36.56	PK2	37.20	-26.40	0.00	47.36	-	-	74.00	-26.64	0	100	V
		* 4.95599	43.18	PK2	34.20	-33.00	0.00	44.38	-	-	74.00	-29.62	115	158	H
		* 4.95631	30.57	MAv1	34.20	-33.00	1.17	32.94	54.00	-21.06	-	-	115	158	H
2478	ANT 1	* 4.9572	42.55	PK2	34.20	-32.90	0.00	43.85	-	-	74.00	-30.15	132	113	V
		* 4.95574	30.37	MAv1	34.20	-33.00	1.17	32.74	54.00	-21.26	-	-	132	113	V
		* 7.43273	41.79	PK2	35.60	-30.30	0.00	47.09	-	-	74.00	-26.91	139	100	H
		* 7.43265	29.10	MAv1	35.60	-30.30	1.17	35.57	54.00	-18.43	-	-	139	100	H
		* 7.43512	40.87	PK2	35.60	-30.30	0.00	46.17	-	-	74.00	-27.83	210	400	V
		* 7.43278	28.14	MAv1	35.60	-30.30	1.17	34.61	54.00	-19.39	-	-	210	400	V
		9.914	37.57	PK2	37.40	-27.10	0.00	47.87	-	-	74.00	-26.13	0	100	H
		9.910	37.36	PK2	37.40	-27.10	0.00	47.66	-	-	74.00	-26.34	0	100	V
		* 4.80946	42.77	PK2	34.20	-33.00	0.00	43.97	-	-	74.00	-30.03	0	100	H
		* 4.80702	42.07	PK2	34.20	-32.90	0.00	43.37	-	-	74.00	-30.63	0	100	V
2404	ANT 2	7.213	40.60	PK2	35.60	-30.90	0.00	45.30	-	-	74.00	-28.70	0	100	H
		7.211	40.44	PK2	35.60	-30.90	0.00	45.14	-	-	74.00	-28.86	0	100	V
		9.615	37.51	PK2	37.00	-27.00	0.00	47.51	-	-	74.00	-26.49	0	100	H
		9.617	37.09	PK2	37.00	-27.00	0.00	47.09	-	-	74.00	-26.91	0	100	V
		* 4.88098	42.51	PK2	34.20	-33.00	0.00	43.71	-	-	74.00	-30.29	0	100	H
		* 4.87895	42.35	PK2	34.20	-33.00	0.00	43.55	-	-	74.00	-30.45	0	100	V
		* 7.31878	40.28	PK2	35.50	-30.80	0.00	44.98	-	-	74.00	-29.02	0	100	H
		* 7.3206	39.92	PK2	35.50	-30.80	0.00	44.62	-	-	74.00	-29.38	0	100	V
		9.761	36.93	PK2	37.20	-26.40	0.00	47.73	-	-	74.00	-26.27	0	100	H
		9.758	36.18	PK2	37.20	-26.40	0.00	46.98	-	-	74.00	-27.02	0	100	V
2478	ANT 2	* 4.9575	42.49	PK2	34.20	-32.90	0.00	43.79	-	-	74.00	-30.21	0	100	H
		* 4.95655	42.07	PK2	34.20	-33.00	0.00	43.27	-	-	74.00	-30.73	0	100	V
		* 7.43319	39.84	PK2	35.60	-30.30	0.00	45.14	-	-	74.00	-28.86	0	100	H
		* 7.43455	39.90	PK2	35.60	-30.30	0.00	45.20	-	-	74.00	-28.80	0	100	V
		9.912	36.99	PK2	37.40	-27.10	0.00	47.29	-	-	74.00	-26.71	0	100	H
		9.914	37.02	PK2	37.40	-27.10	0.00	47.32	-	-	74.00	-26.68	0	100	V
		* 4.80568	42.51	PK2	34.20	-32.90	0.00	43.81	-	-	74.00	-30.19	0	100	H
		* 4.80838	42.25	PK2	34.20	-33.00	0.00	43.45	-	-	74.00	-30.55	0	100	V
		7.214	41.28	PK2	35.60	-30.90	0.00	45.98	-	-	74.00	-28.02	0	100	H
		7.213	40.10	PK2	35.60	-30.90	0.00	44.80	-	-	74.00	-29.20	0	100	V
2404	DUAL	9.617	37.00	PK2	37.00	-27.00	0.00	47.00	-	-	74.00	-27.00	0	100	H
		9.617	36.98	PK2	37.00	-27.00	0.00	46.98	-	-	74.00	-27.02	0	100	V
		* 4.88197	41.78	PK2	34.20	-33.00	0.00	42.98	-	-	74.00	-31.02	0	100	H
		* 4.88116	41.65	PK2	34.20	-33.00	0.00	42.85	-	-	74.00	-31.15	0	100	V
		* 7.32005	40.15	PK2	35.50	-30.80	0.00	44.85	-	-	74.00	-29.15	0	100	H
		* 7.3201	40.21	PK2	35.50	-30.80	0.00	44.91	-	-	74.00	-29.09	0	100	V
		9.761	36.42	PK2	37.20	-26.40	0.00	47.22	-	-	74.00	-26.78	0	100	H
		9.758	36.73	PK2	37.20	-26.30	0.00	47.63	-	-	74.00	-26.37	0	100	V
		* 4.9572	42.19	PK2	34.20	-32.90	0.00	43.49	-	-	74.00	-30.51	0	100	H
		* 4.95552	42.64	PK2	34.20	-33.00	0.00	43.84	-	-	74.00	-30.16	0	100	V
2478	DUAL	* 7.43212	39.46	PK2	35.60	-30.40	0.00	44.66	-	-	74.00	-29.34	0	100	H
		* 7.4341	39.87	PK2	35.60	-30.30	0.00	45.17	-	-	74.00	-28.83	0	100	V
		9.914	36.69	PK2	37.40	-27.10	0.00	46.99	-	-	74.00	-27.01	0	100	H
		9.911	36.80	PK2	37.40	-27.10	0.00	47.10	-	-	74.00	-26.90	0	100	V

Note1. PK2 - KDB558074 Method: Maximum Peak / MAV1 - KDB558074 Option 1 Maximum RMS Average

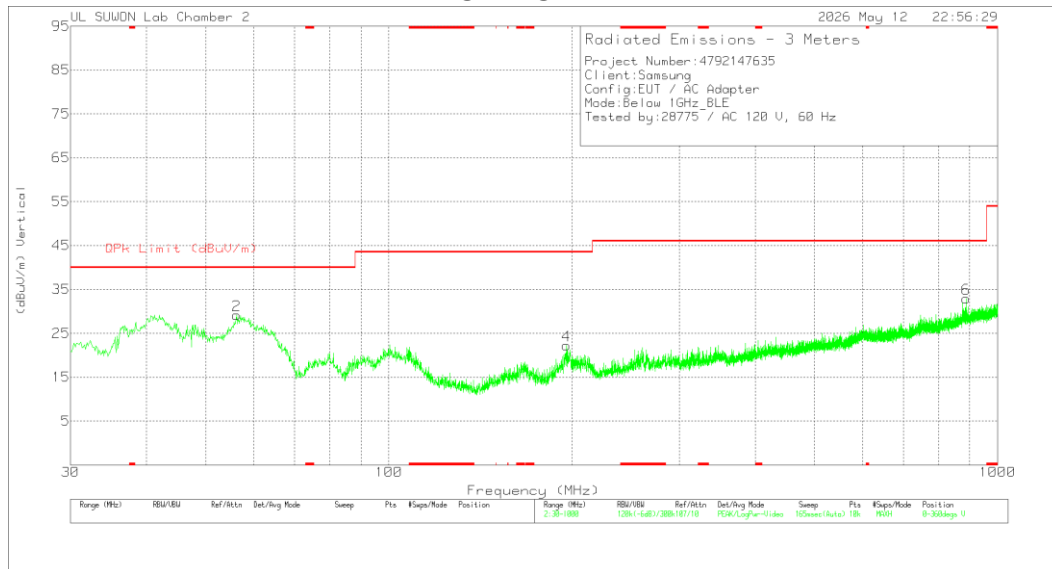
Note2. * - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

10.3. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_Factor (dB/m)	Below_1G_Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	80.925	44.94	Pk	12.7	-31.4	26.24	40	-13.76	0-360	100	H
3	100.713	45.65	Pk	17.5	-31.4	31.75	43.52	-11.77	0-360	200	H
5	881.175	30.89	Pk	27.6	-28.2	30.29	46.02	-15.73	0-360	200	H
2	56.287	41.52	Pk	19.2	-31.6	29.12	40	-10.88	0-360	100	V
4	195.967	35.58	Pk	17.4	-30.7	22.28	43.52	-21.24	0-360	100	V
6	887.383	33.47	Pk	27.7	-28.2	32.97	46.02	-13.05	0-360	100	V

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

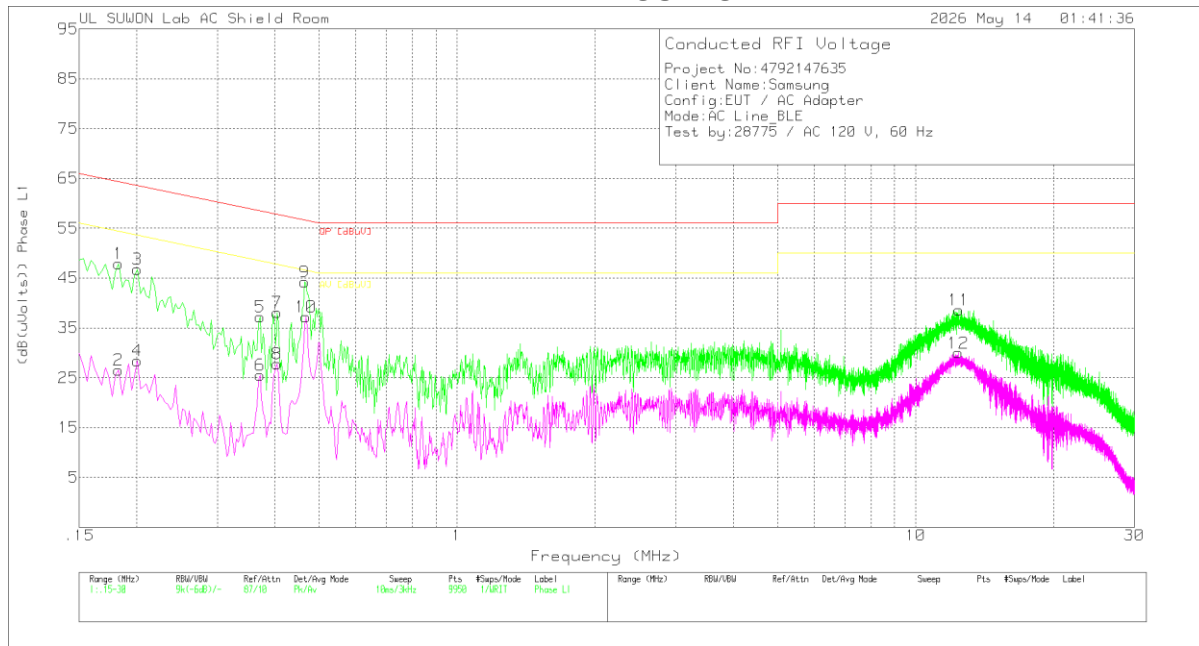
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

11.1. AC Power Line

LINE 1 RESULTS



Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_L1 [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	QP [dBuV]	Margin (dB)	AV [dBuV]	Margin (dB)
1	.183	37.97	Pk	9.8	.1	47.87	64.35	-16.48	-	-
2	.183	16.66	Av	9.8	.1	26.56	-	-	54.35	-27.79
3	.201	36.88	Pk	9.8	.1	46.78	63.57	-16.79	-	-
4	.201	18.55	Av	9.8	.1	28.45	-	-	53.57	-25.12
5	.372	27.38	Pk	9.7	.1	37.18	58.46	-21.28	-	-
6	.372	15.72	Av	9.7	.1	25.52	-	-	48.46	-22.94
7	.405	28.25	Pk	9.7	.1	38.05	57.75	-19.7	-	-
8	.405	18.01	Av	9.7	.1	27.81	-	-	47.75	-19.94
9	.465	34.29	Pk	9.8	.1	44.19	56.6	-12.41	-	-
10	.468	27.33	Av	9.8	.1	37.23	-	-	46.55	-9.32
11	12.432	28.7	Pk	9.7	.2	38.6	60	-21.4	-	-
12	12.381	20.08	Av	9.7	.2	29.98	-	-	50	-20.02

Pk - Peak detector

Av - Average detection

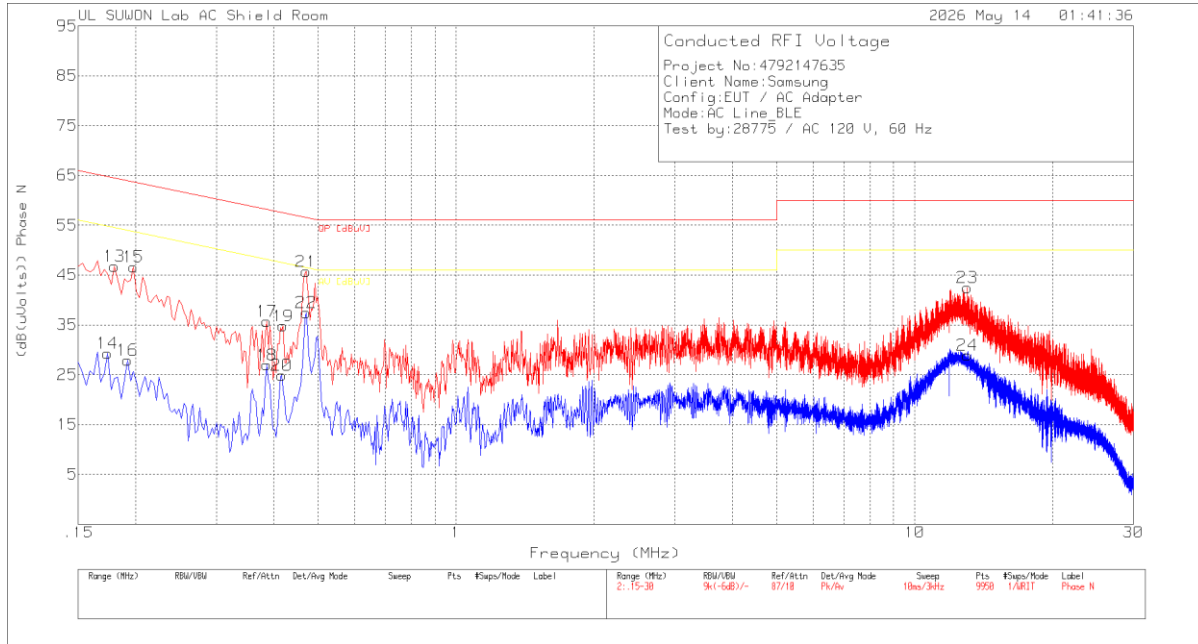
Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_L1 [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	QP [dBuV]	Margin (dB)	AV [dBuV]	Margin (dB)
.46875	27.51	Qp	9.8	.1	37.41	56.54	-19.13	-	-

Qp - Quasi-Peak detector

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_N [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	QP [dBuV]	Margin (dB)	AV [dBuV]	Margin (dB)
13	.18	36.88	Pk	9.8	.1	46.78	64.49	-17.71	-	-
14	.174	19.24	Av	9.9	.1	29.24	-	-	54.77	-25.53
15	.198	36.69	Pk	9.8	.1	46.59	63.69	-17.1	-	-
16	.192	18.01	Av	9.8	.1	27.91	-	-	53.95	-26.04
17	.387	25.85	Pk	9.7	.1	35.65	58.13	-22.48	-	-
18	.387	17.16	Av	9.7	.1	26.96	-	-	48.13	-21.17
19	.42	24.96	Pk	9.7	.1	34.76	57.45	-22.69	-	-
20	.417	15.05	Av	9.7	.1	24.85	-	-	47.51	-22.66
21	.471	35.79	Pk	9.8	.1	45.69	56.5	-10.81	-	-
22	.471	27.57	Av	9.8	.1	37.47	-	-	46.5	-9.03
23	13.023	32.55	Pk	9.6	.3	42.45	60	-17.55	-	-
24	13.023	19.06	Av	9.6	.3	28.96	-	-	50	-21.04

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_N [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	QP [dBuV]	Margin (dB)	AV [dBuV]	Margin (dB)
.47175	31.35	Qp	9.8	.1	41.25	56.48	-15.23	-	-

Qp - Quasi-Peak detector

END OF TEST REPORT