Plot 5-7 Radiated Upper Band Edge – DH5 SISO ANT1 2480 MHz – Peak

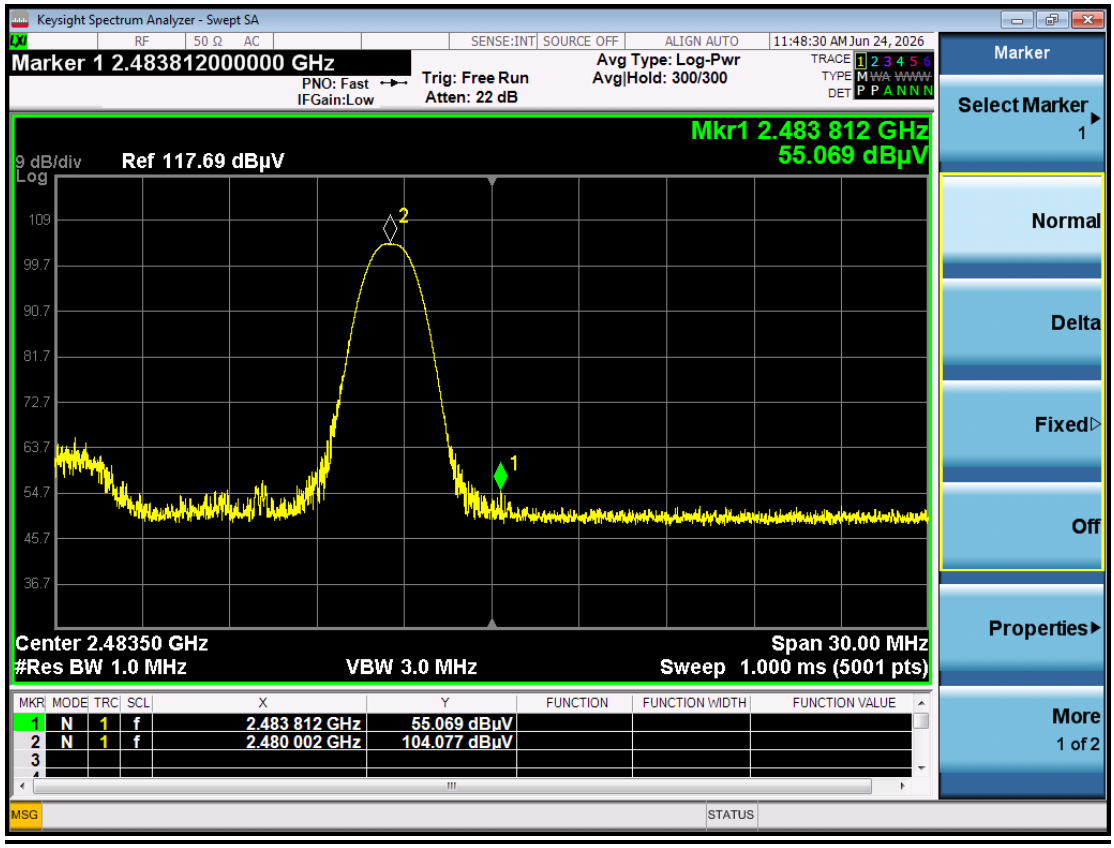


Table 5-7 Radiated Upper Band Edge – BT SISO ANT1

Test Mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBµV]	Pol [H/V]	Detector Mode	DCCF [dB]	AFCL [dB/m]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]
DH5	2480	2 483.81	55.07	V	PK	0.00	-1.48	53.59	74.00	-20.41
		2 483.61	40.56	V	AV	-22.50	-1.48	16.58	54.00	-37.42
2DH5	2480	2 483.81	52.27	V	PK	0.00	-1.48	50.79	74.00	-23.22
		2 485.46	40.34	V	AV	-22.50	-1.48	16.36	54.00	-37.64
3DH5	2480	2 484.03	51.73	V	PK	0.00	-1.48	50.25	74.00	-23.75
		2 484.92	40.13	V	AV	-22.50	-1.48	16.15	54.00	-37.85

Plot 5-8 Radiated Lower Band Edge – DH5 SISO ANT2 2402 MHz – Peak

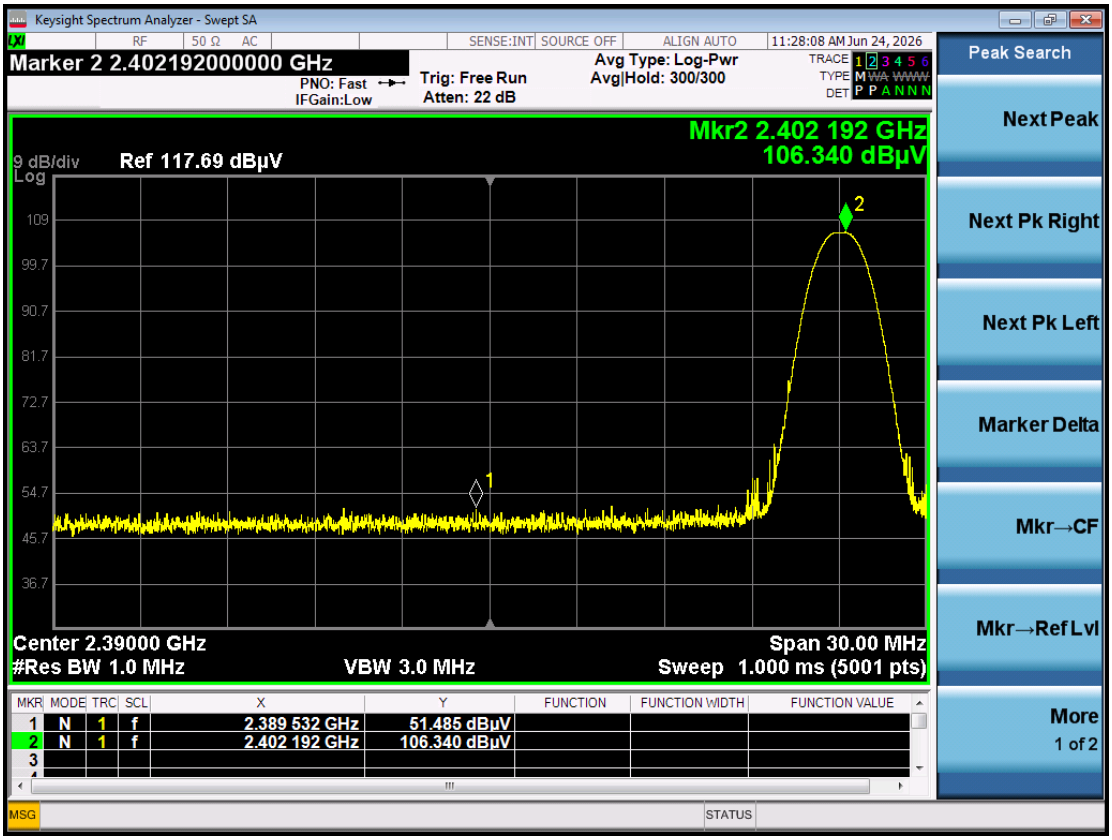


Table 5-8 Radiated Lower Band Edge – BT SISO ANT2

Test Mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBµV]	Pol [H/V]	Detector Mode	DCCF [dB]	AFCL [dB/m]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]
DH5	2402	2 389.53	51.49	H	PK	0.00	-1.58	49.91	74.00	-24.10
		2 389.73	40.21	H	AV	-22.50	-1.58	16.13	54.00	-37.87
2DH5	2402	2 389.46	51.40	H	PK	0.00	-1.58	49.82	74.00	-24.18
		2 389.79	39.93	H	AV	-22.50	-1.58	15.85	54.00	-38.15
3DH5	2402	2 388.93	51.41	H	PK	0.00	-1.58	49.83	74.00	-24.17
		2 389.36	39.71	H	AV	-22.50	-1.58	15.63	54.00	-38.37

Plot 5-9 Radiated Upper Band Edge –3DH5 SISO ANT2 2480 MHz – Peak

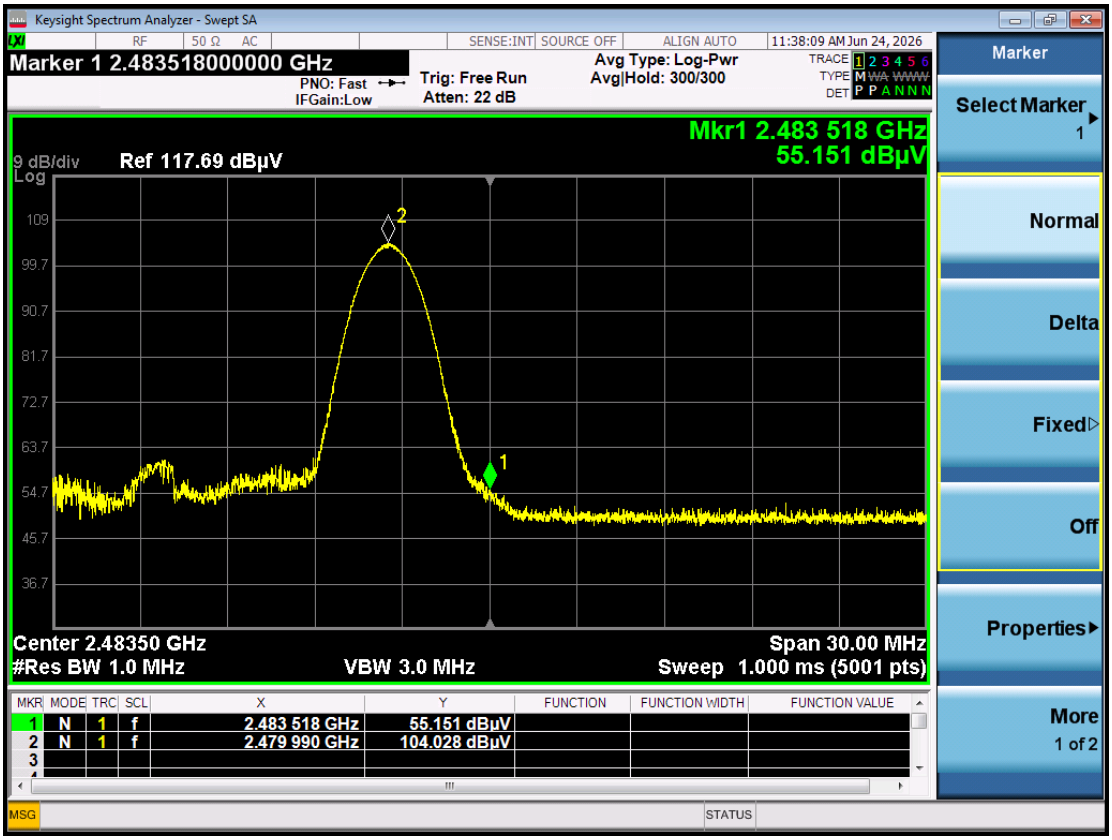


Table 5-9 Radiated Upper Band Edge – BT SISO ANT2

Test Mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBµV]	Pol [H/V]	Detector Mode	DCCF [dB]	AFCL [dB/m]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]
DH5	2480	2 483.93	51.73	H	PK	0.00	-1.48	50.25	74.00	-23.75
		2 484.74	40.98	H	AV	-22.50	-1.48	17.00	54.00	-37.00
2DH5	2480	2 483.51	54.10	H	PK	0.00	-1.48	52.62	74.00	-21.38
		2 483.51	41.56	H	AV	-22.50	-1.48	17.58	54.00	-36.42
3DH5	2480	2 483.52	55.15	H	PK	0.00	-1.48	53.67	74.00	-20.33
		2 483.56	41.66	H	AV	-22.50	-1.48	17.68	54.00	-36.32

Plot 5-10 Radiated Lower Band Edge – 3DH5 MIMO 2402 MHz – Peak

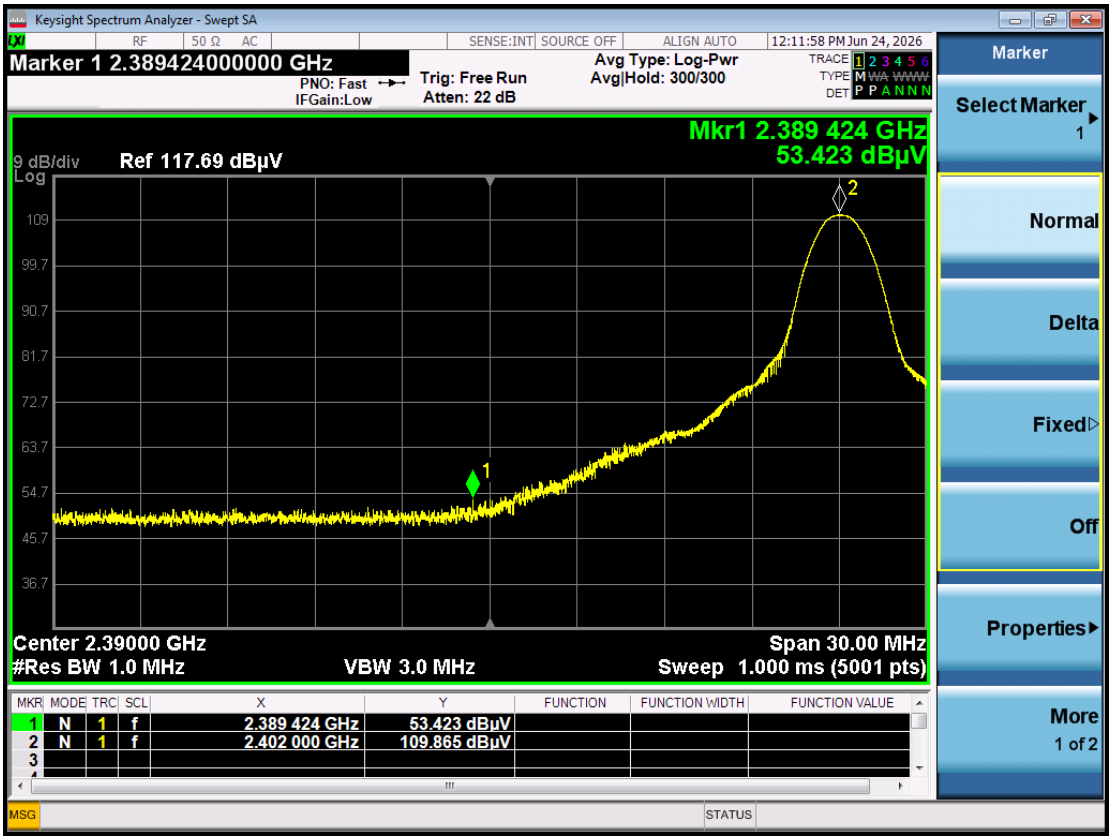


Table 5-10 Radiated Lower Band Edge – BT MIMO

Test Mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBµV]	Pol [H/V]	Detector Mode	DCCF [dB]	AFCL [dB/m]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]
DH5	2402	2 389.98	51.54	H	PK	0.00	-1.58	49.96	74.00	-24.04
		2 389.86	39.51	H	AV	-22.50	-1.58	15.43	54.00	-38.57
2DH5	2402	2 389.45	52.76	H	PK	0.00	-1.58	51.18	74.00	-22.82
		2 389.90	40.25	H	AV	-22.50	-1.58	16.17	54.00	-37.83
3DH5	2402	2 389.42	53.42	H	PK	0.00	-1.58	51.84	74.00	-22.16
		2 389.99	40.35	H	AV	-22.50	-1.58	16.27	54.00	-37.73

Plot 5-11 Radiated Upper Band Edge – 2DH5 MIMO 2480 MHz – Peak

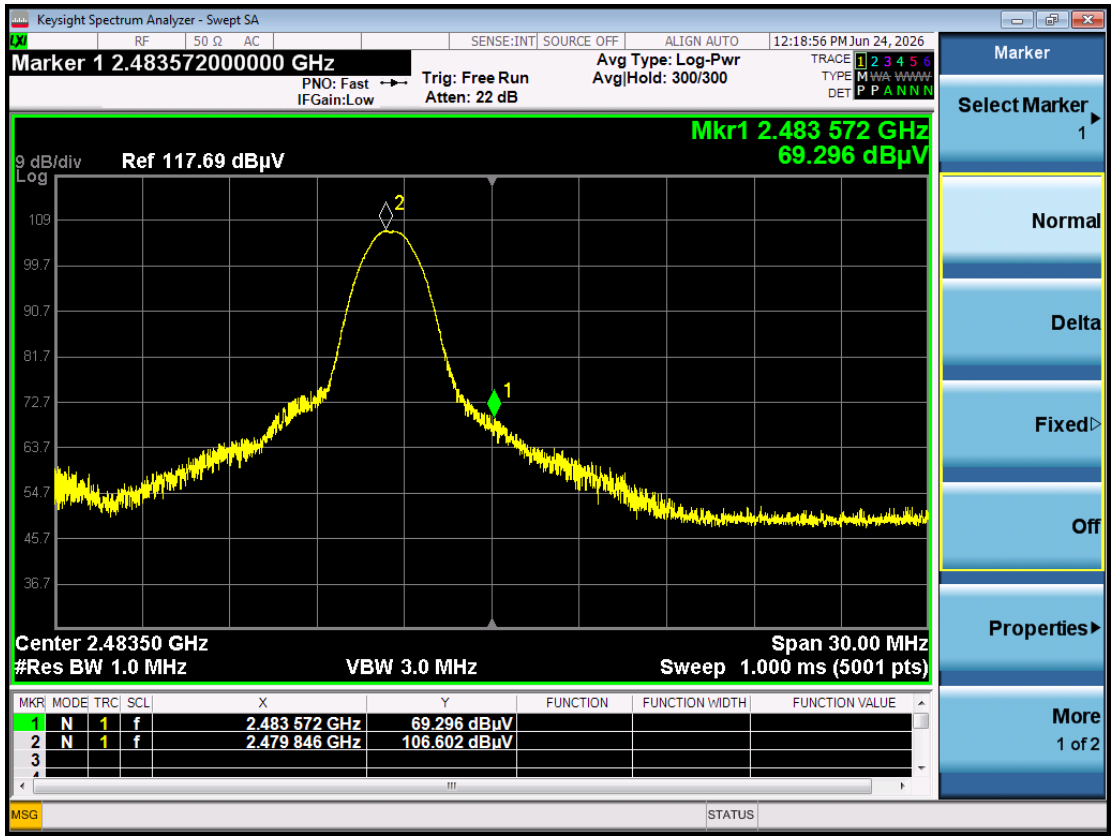


Table 5-11 Radiated Upper Band Edge – BT MIMO

Test Mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBµV]	Pol [H/V]	Detector Mode	DCCF [dB]	AFCL [dB/m]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]
DH5	2480	2 483.52	56.68	H	PK	0.00	-1.48	55.20	74.00	-18.80
		2 483.51	40.40	H	AV	-22.50	-1.48	16.42	54.00	-37.58
2DH5	2480	2 483.57	69.30	H	PK	0.00	-1.48	67.82	74.00	-6.18
		2 483.51	49.86	H	AV	-22.50	-1.48	25.88	54.00	-28.12
3DH5	2480	2 483.51	68.77	H	PK	0.00	-1.48	67.29	74.00	-6.71
		2 483.52	49.87	H	AV	-22.50	-1.48	25.89	54.00	-28.11

6. AC Line Conducted Test Results

6.1. Test Configuration

AC line conducted emission testing was performed inside a 3 m semi-anechoic chamber (shielded room) in strict accordance with Clauses 6.2 of ANSI C63.10. The DUT was configured as a tabletop device and placed on a non-conducting platform with a nominal size of 1 m × 1.5 m, raised 80 cm above the reference ground plane. A vertical conducting plane or screen with a size of at least 2 m × 2 m was positioned 40 cm to the rear of the DUT. The rear of the DUT and its associated peripherals were aligned and flush with the back edge of the tabletop.

Interconnecting cables hanging closer than 40 cm to the ground plane were folded back and forth in the center, forming a bundle 30 cm to 40 cm long. Peripherals and accessories that are part of the tested system were arranged on the tabletop with a 10 cm separation between the nearest points of their cabinets.

AC line conducted emission measurements were performed over the frequency range from 150 kHz to 30 MHz. Since the fundamental frequency of the EUT does not operate within this AC power-line emission test range, the EUT was operated on the mid channel and in the operational mode producing the highest output power.

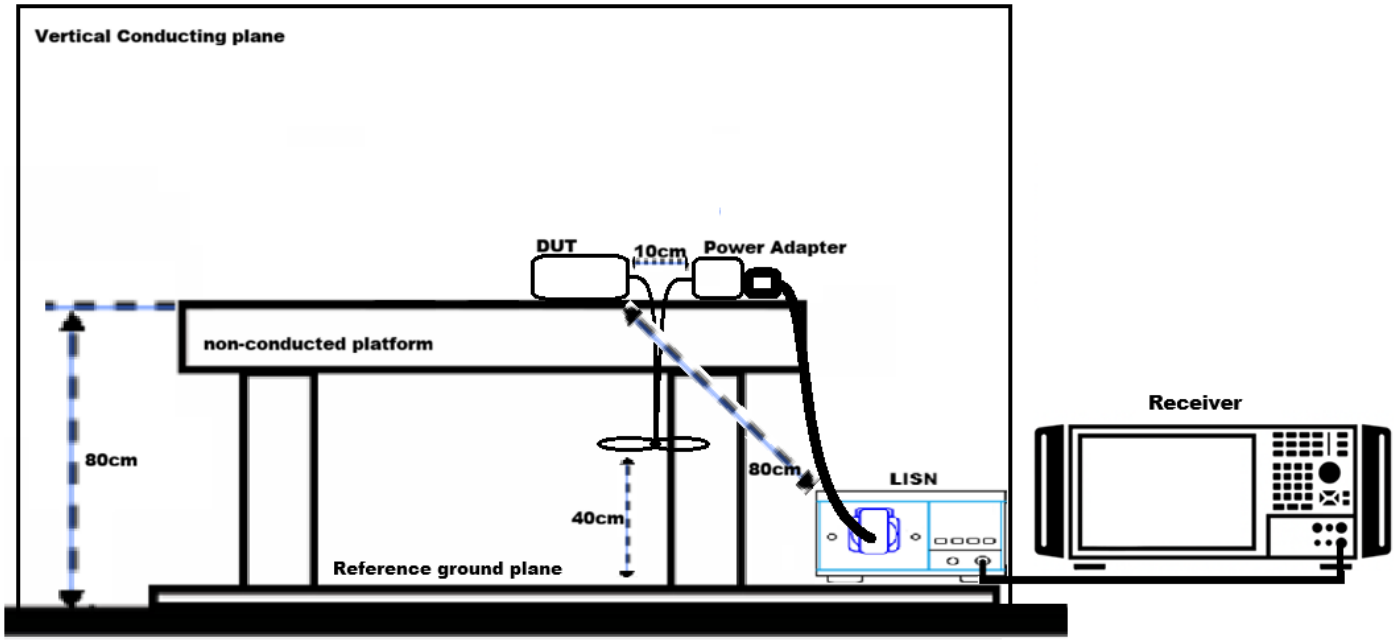
The electrical power parameters applied during the test were as follows:

- **Applied Supply Voltage:** 120 V AC
- **Applied Supply Frequency:** 60 Hz

AC Line Conducted emissions were captured using automated test software 'EMC 32' Ver. 10.60.20

6.2. AC Line Conducted Measurement Setup

Figure 6-1 AC Line Conducted Measurement Setup



6.3. AC Line Conducted Measurement Sample

Serial Number(s) : ZDH0461M, ZDH0460M

6.4. AC Line Conducted Emissions

6.4.1. Regulatory Limit

Part. 15.207(a)

Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 µH/50 Ω Line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

RSS-GEN - Section 8.8

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 4, as measured using a 50 µH / 50 Ω Line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 4 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

Frequency of emission (MHz)	Conducted limit (dBµV)	
	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.

6.4.2. Test Method

ANSI C63.10 – 2020, clause 6.2

6.4.3. Test Procedure

Quasi-Peak

a) RBW = 9 kHz
b) Detector = Quasi-Peak
c) Trace Mode = Max-Hold
d) Sweep Time = Auto (Coupled)

Average

a) RBW = 9 kHz
b) Detector = RMS
c) Sweep time = Auto (Coupled) or sufficient to investigate
d) Trace mode = Max-Hold

Test Note

✓ All Bluetooth modes were investigated. The DUT was operated on the mid-channel in the mode producing the highest output power, and those results are reported.

6.4.4. Test Results

Plot 6-1 BT – Line L

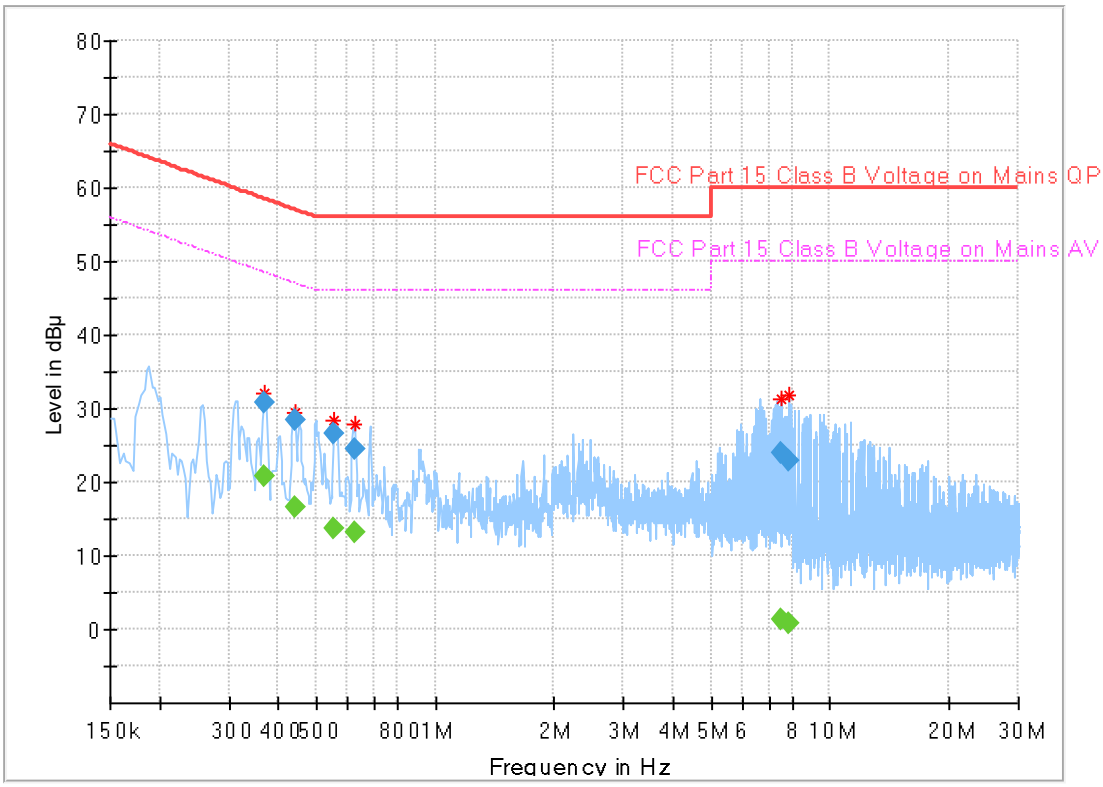


Table 6-1 BT – Line L

Frequency [MHz]	Quasi-Peak [dBuV]	Limit [dBuV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. (dB)
0.37	30.76	58.48	27.72	1000.00	9.00	L1	OFF	9.81
0.44	28.44	57.07	28.63	1000.00	9.00	L1	OFF	9.86
0.56	26.50	56.00	29.50	1000.00	9.00	L1	OFF	9.87
0.62	24.51	56.00	31.49	1000.00	9.00	L1	OFF	9.87
7.49	23.96	60.00	36.04	1000.00	9.00	L1	OFF	10.14
7.87	22.82	60.00	37.18	1000.00	9.00	L1	OFF	10.15
Frequency [MHz]	Average [dBuV]	Limit [dBuV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. (dB)
0.37	20.83	48.48	27.65	1000.00	9.00	L1	OFF	9.81
0.44	16.52	47.07	30.55	1000.00	9.00	L1	OFF	9.86
0.56	13.67	46.00	32.33	1000.00	9.00	L1	OFF	9.87
0.62	13.19	46.00	32.81	1000.00	9.00	L1	OFF	9.87
7.49	1.28	50.00	48.72	1000.00	9.00	L1	OFF	10.14
7.87	0.86	50.00	49.14	1000.00	9.00	L1	OFF	10.15

Plot 6-2 BT – Line N

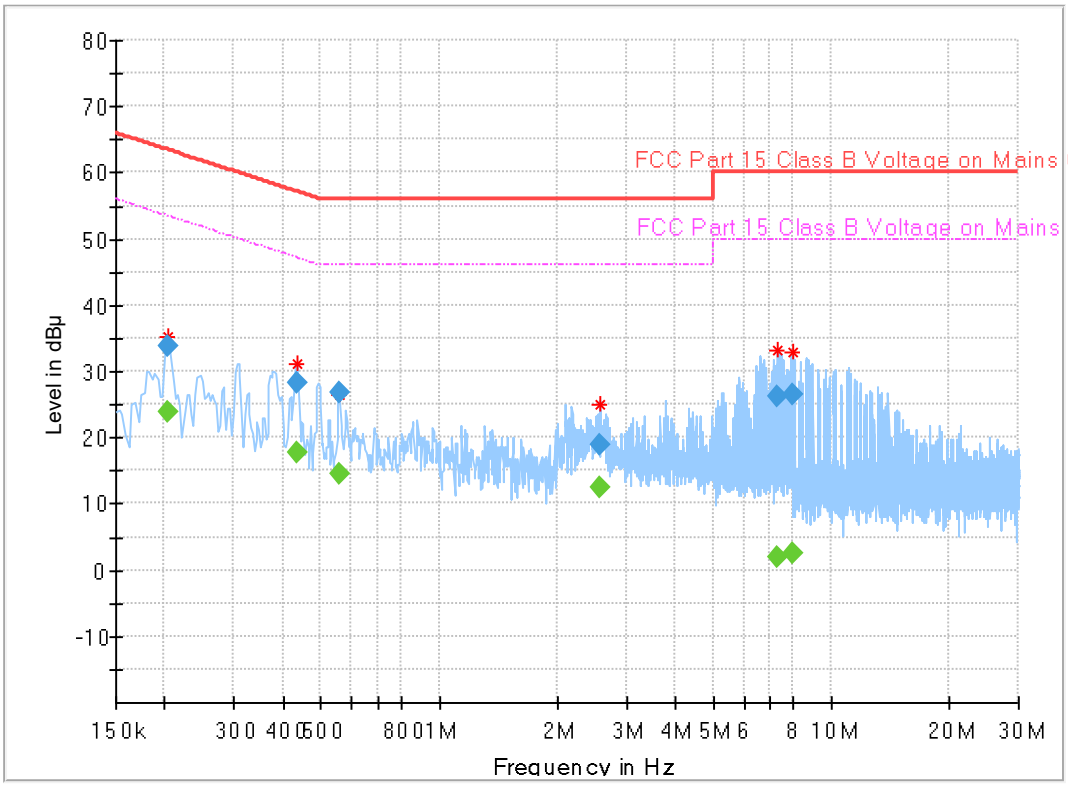


Table 6-2 BT – Line N

Frequency [MHz]	Quasi-Peak [dBuV]	Limit [dBuV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. (dB)
0.20	33.70	63.46	29.75	1000.00	9.00	N	OFF	9.97
0.44	28.30	57.13	28.83	1000.00	9.00	N	OFF	9.89
0.56	26.67	56.00	29.33	1000.00	9.00	N	OFF	9.90
2.56	18.86	56.00	37.14	1000.00	9.00	N	OFF	9.91
7.25	26.09	60.00	33.91	1000.00	9.00	N	OFF	10.16
7.98	26.45	60.00	33.55	1000.00	9.00	N	OFF	10.18
Frequency [MHz]	Average [dBuV]	Limit [dBuV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. (dB)
0.20	23.88	53.46	29.58	1000.00	9.00	N	OFF	9.97
0.44	17.69	47.13	29.44	1000.00	9.00	N	OFF	9.89
0.56	14.61	46.00	31.39	1000.00	9.00	N	OFF	9.90
2.56	12.47	46.00	33.53	1000.00	9.00	N	OFF	9.91
7.25	2.07	50.00	47.93	1000.00	9.00	N	OFF	10.16
7.98	2.37	50.00	47.63	1000.00	9.00	N	OFF	10.18

7. Revision History

Rev.	Issue Date	Revisions	Prepared By
00	06/30/2026	Initial Release	SK Hong
01	07/04/2026	Typographical and Wording Corrections	SK Hong
02	07/10/2026	Typographical errors corrected	SK Hong
03	07/24/2026	Typo corrections	SK Hong

8. Measurement Uncertainty

Measurement Items	Frequency Range	Expanded Uncertainty (±)	
Maximum Conducted Output Power	f < 8 GHz	1.06	dB
Conducted Emissions	f < 1 GHz	0.71	dB
Conducted Emissions	f < 18 GHz	2.06	dB
Conducted Emissions	f > 18 GHz	3.12	dB
Radiated Emissions	f < 30 MHz	3.68	dB
Radiated Emissions	f < 1 GHz	4.01	dB
Radiated Emissions	f > 1 GHz	4.41	dB
Radiated Emissions	f > 18 GHz	5.23	dB
AC Line Conducted Emissions	f < 30 MHz	2.66	dB
Occupied Bandwidth		0.43	%
Time		4.8	%

The expanded measurement uncertainty is calculated at an approximate 95% confidence level (k = 2).

✓ Note : Measurement uncertainty is for reference only. Based on Simple Acceptance, compliance is determined by directly comparing the measured data against applicable limits.

9. Equipment List

All test equipment used for the measurements was within its valid calibration interval. All test antennas were calibrated in accordance with ANSI C63.5-2017, and all test cables were calibrated in-house prior to testing. The calibration dates presented in the tables below apply only to equipment calibrated by an accredited calibration laboratory.

Table 9-1 Test Equipment and Calibration Date

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Signal & Spectrum Analyzer	Rohde & Schwarz	FSW43	103432	2026-02-13	2027-02-13
Signal & Spectrum Analyzer	Keysight	N9010B	MY56460241	2025-12-18	2026-12-18
Signal & Spectrum Analyzer	Keysight	N9040B	MY62480133	2026-01-23	2027-01-23
Signal & Spectrum Analyzer	Keysight	N9020A	MY54482751	2025-10-16	2026-10-16
Signal & Spectrum Analyzer	Keysight	N9020A	MY54480472	2026-02-24	2027-02-24
Power Sensor	Rohde & Schwarz	NRP-Z85	102404	2026-01-19	2027-01-19
EMI Test Receiver	Rohde & Schwarz	ESU40	100469	2026-01-07	2027-01-07
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101318	2026-01-19	2027-01-19
Bi-log Antenna	Schwarzbeck	VULB9163	01843	2026-01-06	2027-01-06
Horn Antenna	RF SPIN	DRH18S	CE2F08A18S	2026-01-08	2027-01-08
Horn Antenna	Rohde & Schwarz	DRH40G20K	101356	2026-01-23	2027-01-23
Call Simulator	Rohde & Schwarz	CMX500	100198	2025-09-30	2026-09-30
Vector Signal Generator	Rohde & Schwarz	SMM100A	101593	2026-01-05	2027-01-05
Signal Generator	Rohde & Schwarz	SMC100A	104214	2026-02-10	2027-02-10
Temperature&Humidity Chamber	ENEX	EN-STH-604_1K	EN202510-03	2026-01-10	2027-01-10
DC Power supply	Rohde & Schwarz	NGC101	100740	2026-01-07	2027-01-07
Two-Line V-Network	Rohde & Schwarz	ENV216	103321	2026-01-09	2027-01-09
Temperature & Humidity Meter	TESTO	608-H2	86293672	2026-04-02	2027-04-02
Vector Network Analyzer	Rohde & Schwarz	ZNL20	101202	2026-01-28	2027-01-28
Conducted Test System	Various				
Radiated Test System	Various				

Table 9-2 Conducted Test System

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Power Splitter	Mini-Circuits	ZFRSC-183-S+	FA46402540-1	2026-01-16	2027-01-16
Power Splitter	Mini-Circuits	ZFRSC-183-S+	FA46402540-2	2026-01-16	2027-01-16
DC coupler	EXYNOD	EXDC-00504000	251201	2026-01-16	2027-01-16
DC coupler	EXYNOD	EXDC-00504000	251202	2026-01-16	2027-01-16
RF Attenuator	EXYNOD	10A	008	2026-01-05	2027-01-05
RF Attenuator	EXYNOD	SN0609	0609	2026-01-05	2027-01-05
RF Cable	OSI	PLH16D-EXD	RF Cable 1	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 2	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 3	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 4	-	-
RF Cable	Rosenberger	LU7	0062	-	-
RF Cable	Rosenberger	LU7	0083	-	-

Table 9-3 Radiated Test System

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Amplifier	EXYNOD	ELNA01-40D	631307	2026-01-05	2027-01-05
Amplifier	EXYNOD	ELNA18	33686	2026-01-05	2027-01-05
Amplifier	EXYNOD	ELNA40-50	631308	2026-01-05	2027-01-05
9000 MHz High Pass Filter	Mini-Circuits	ZHFW-K9000	2537	2026-01-29	2027-01-29
18000 MHz High Pass Filter	Mini-Circuits	ZHSS-K18G+	2546	2026-01-29	2027-01-29
RF Cable	OSI	LH18-EXD	AP_X1	-	-
RF Cable	OSI	LH18-EXD	AP_X2	-	-
RF Cable	OSI	E31-EXD	AP_X3	-	-
RF Cable	OSI	E31-EXD	AP_X4	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 5	-	-

Table 9-4 Test Accessories

Test Accessories Name	Brand	Model No.	Used For
Power Adapter	SamSung	EP-TA865	AC Line Conducted
Charger Cable (C-type)	SamSung	EP-DN980	AC Line Conducted

10. Conclusion

The RF evaluation indicates that the DUT is capable of compliance with the applicable FCC&ISED technical requirements for all parameters subject to this test. These measurements were performed under worst-case operating conditions to ensure representative results. Appropriate laboratory procedures were applied to ensure the repeatability and reliability of the measurements. The results and statements relate only to the item(s) tested.

End of Test Report.