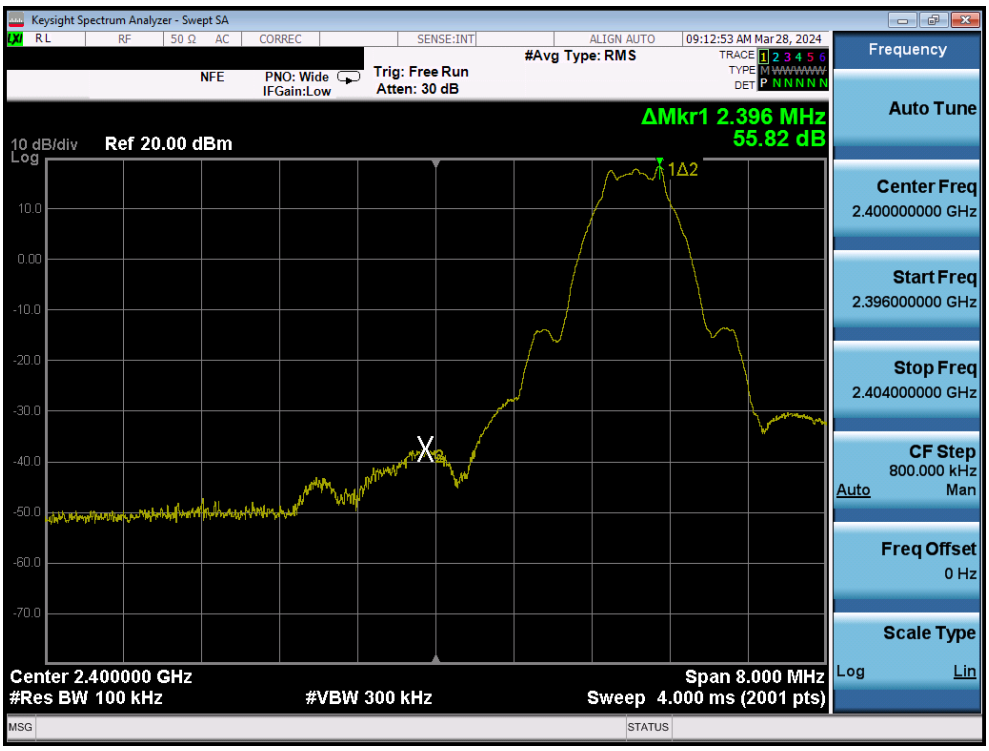
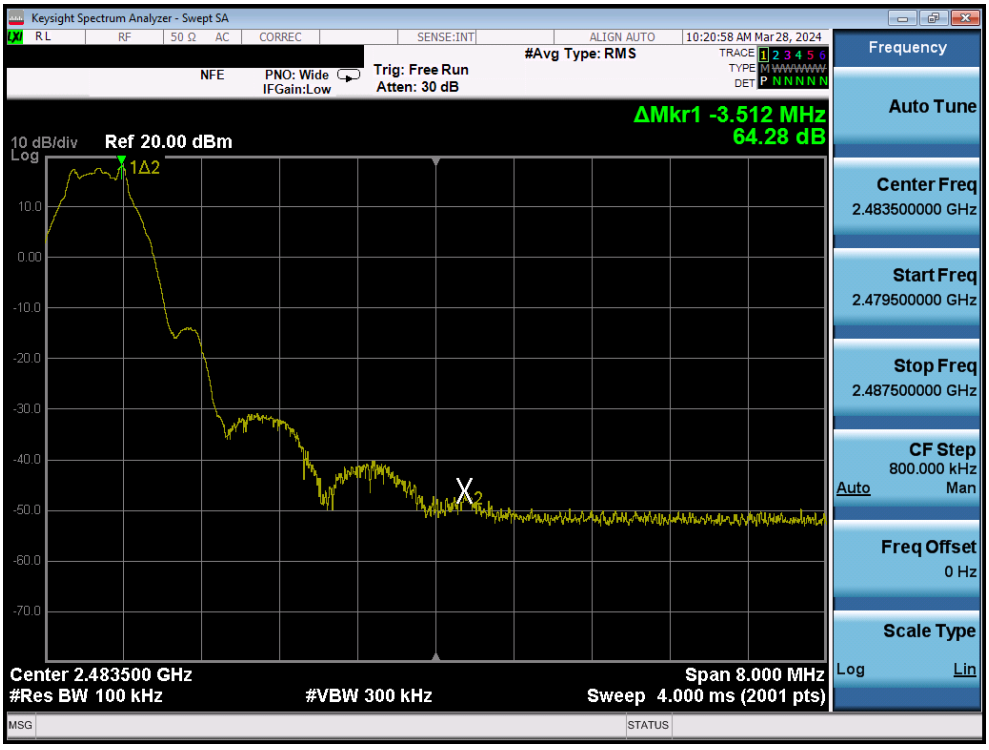
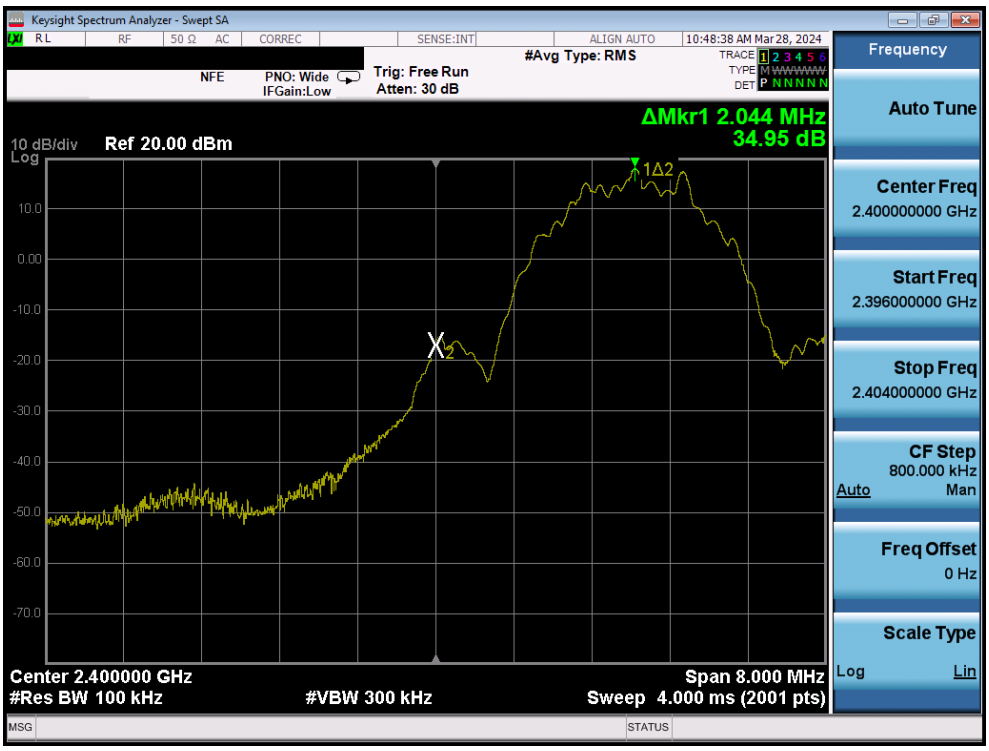


Plot 7-100. Band Edge Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Ant2

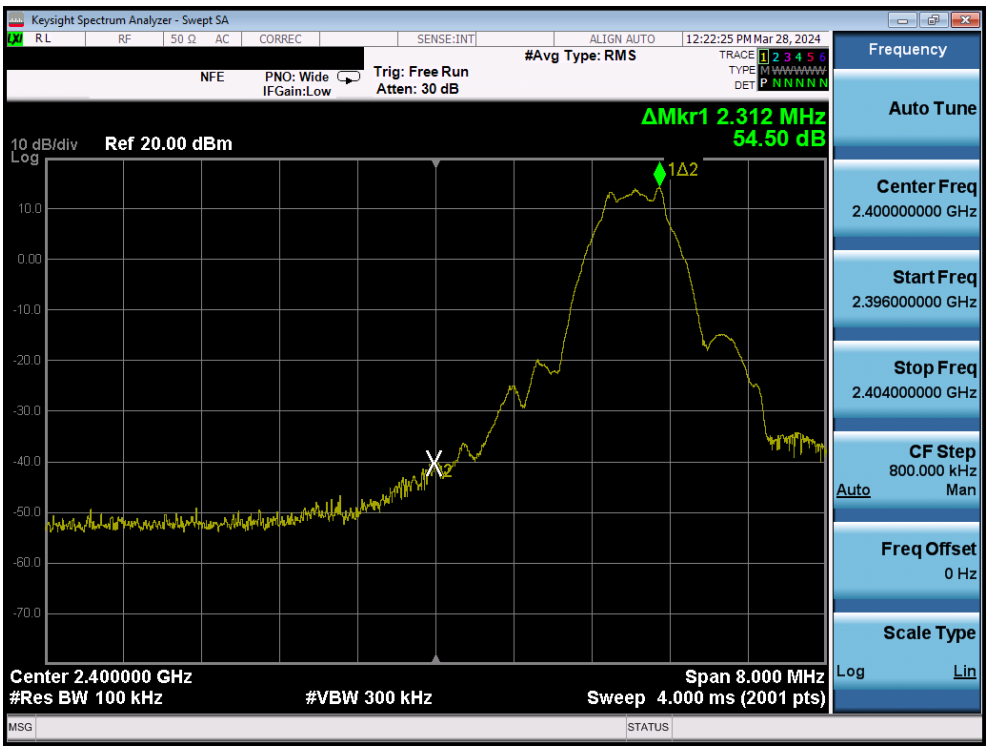


Plot 7-101. Band Edge Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Ant2

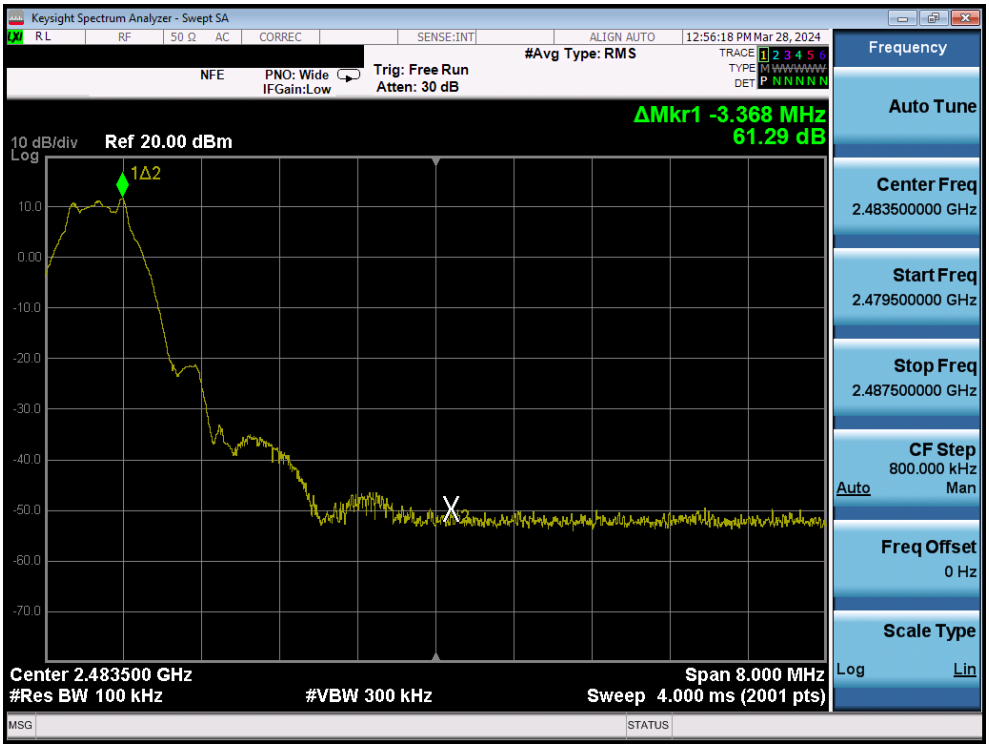


Plot 7-102. Band Edge Plot (Bluetooth (LE), 2Mbps – Ch. 0) – Ant2

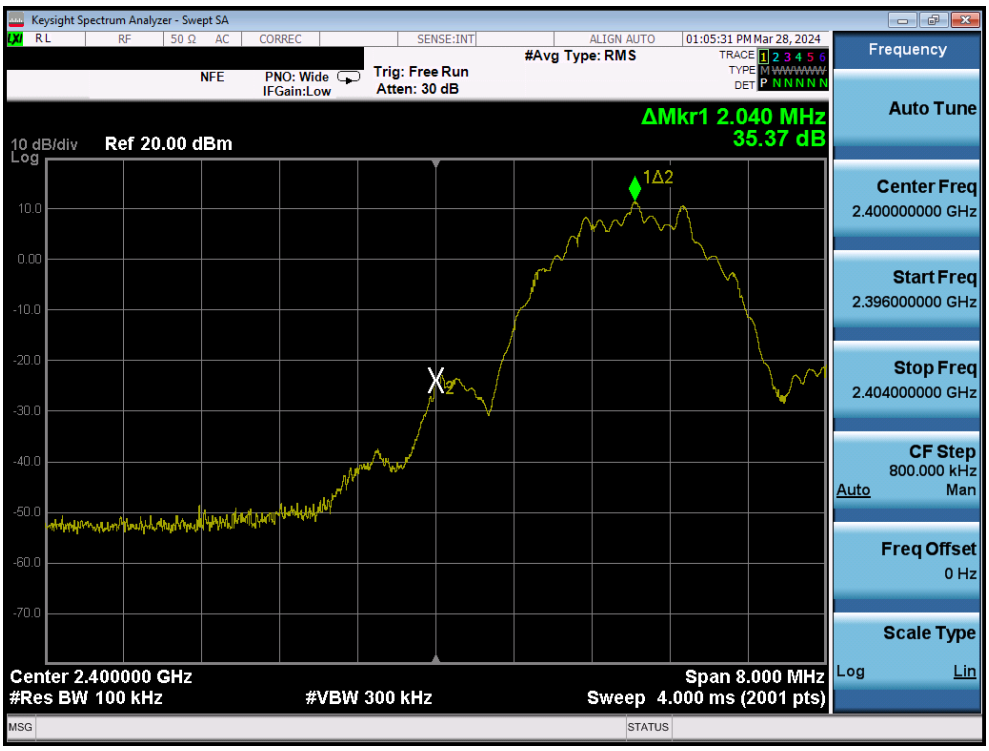
Plot 7-103. Band Edge Plot (Bluetooth (LE), 2Mbps – Ch. 39) – Ant2



Plot 7-104. Band Edge Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Dual Ant1

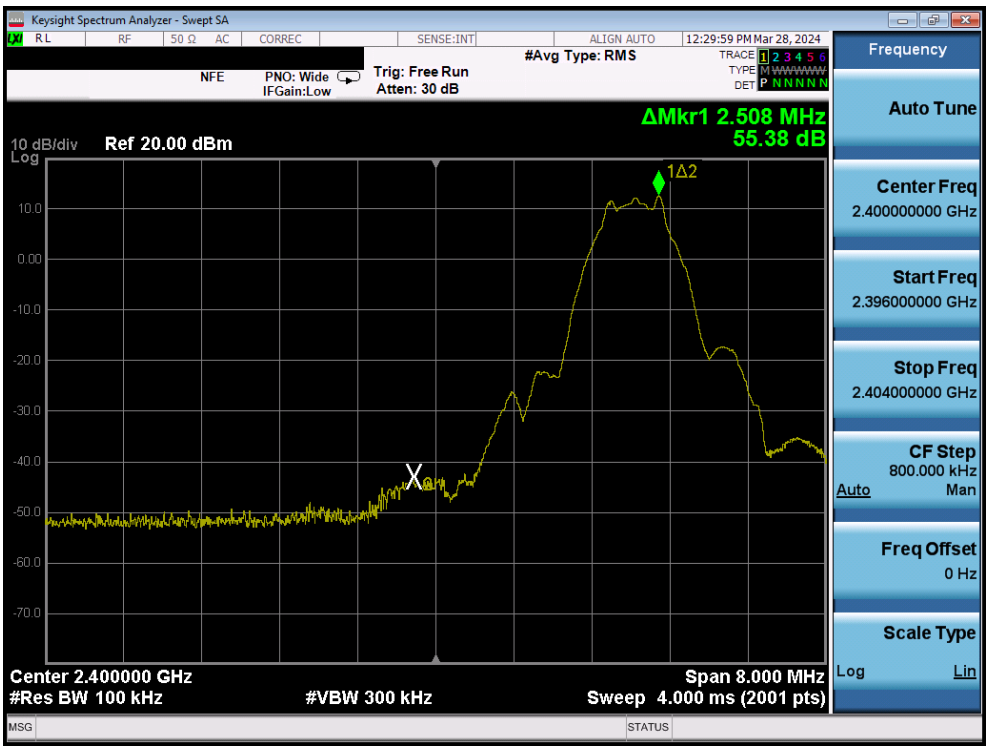


Plot 7-105. Band Edge Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Dual Ant1



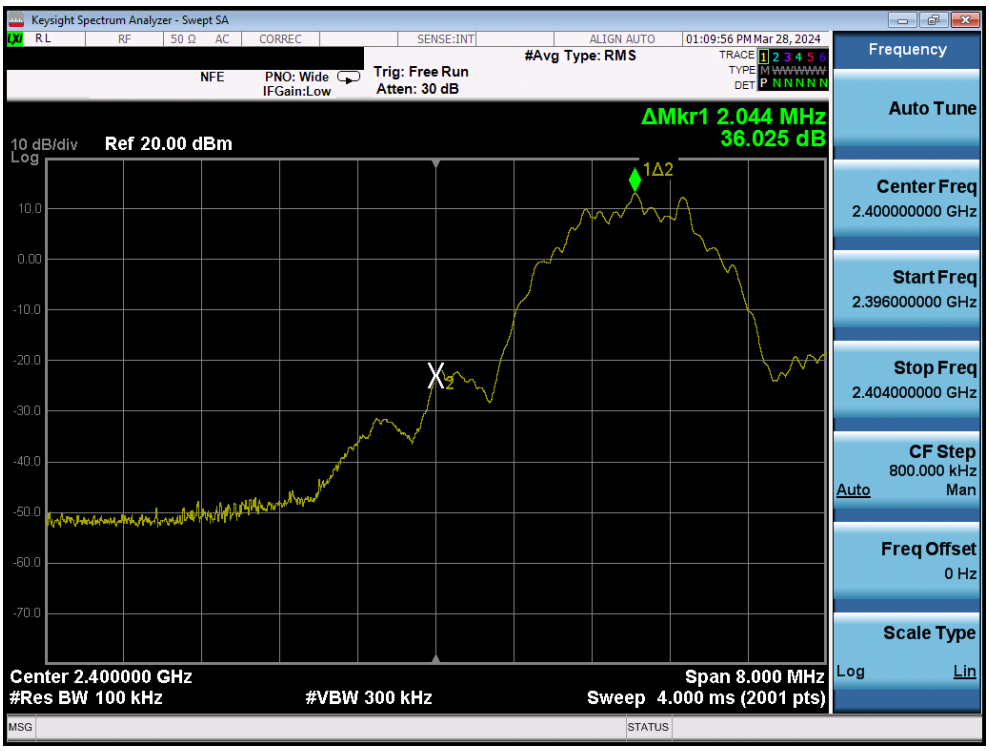
Plot 7-106. Band Edge Plot (Bluetooth (LE), 2Mbps – Ch. 0) – Dual Ant1

Plot 7-107. Band Edge Plot (Bluetooth (LE), 2Mbps – Ch. 39) – Dual Ant1



Plot 7-108. Band Edge Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Dual Ant2

Plot 7-109. Band Edge Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Dual Ant2



Plot 7-110. Band Edge Plot (Bluetooth (LE), 2Mbps – Ch. 0) – Dual Ant2

Plot 7-111. Band Edge Plot (Bluetooth (LE), 2Mbps – Ch. 39) – Dual Ant2

7.6 Conducted Spurious Emissions

§15.247(d); RSS-247 [5.5]

Test Overview and Limit

For the following out of band conducted spurious emissions plots, the EUT was set to transmit at maximum power with the largest packet size available. The worst case spurious emissions were found in this configuration.

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth per the procedure in Section 11.11.3 of ANSI C63.10-2013.

Test Procedure Used

ANSI C63.10-2013 – Section 11.11.3

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 25GHz (separated into two plots per channel)
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

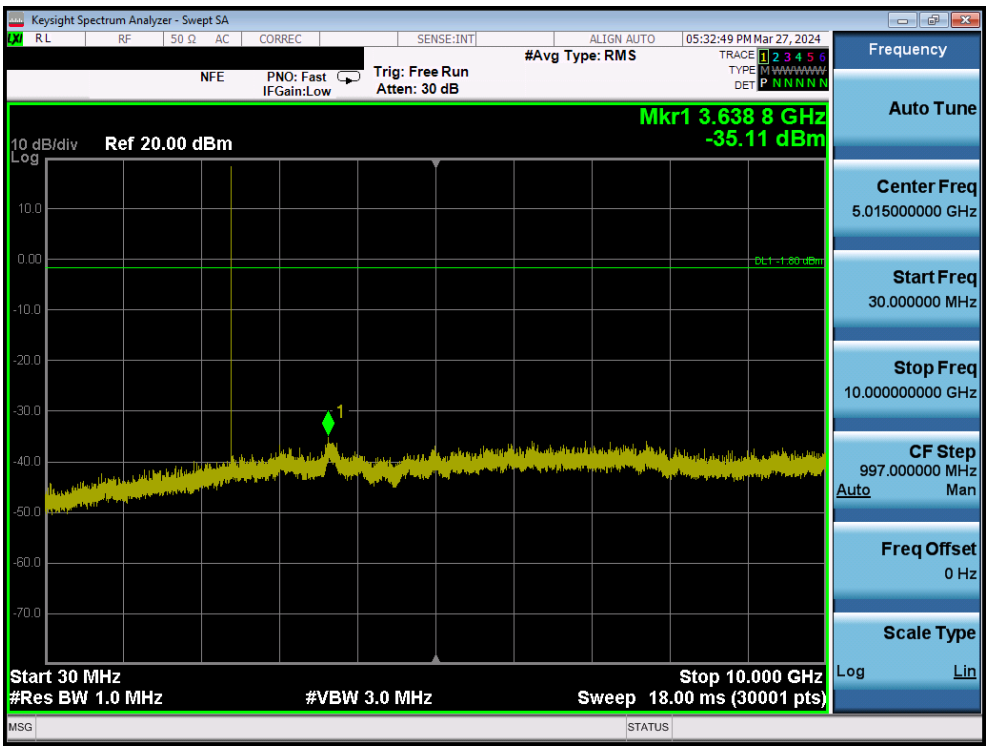
Figure 7-5. Test Instrument & Measurement Setup

Test Notes

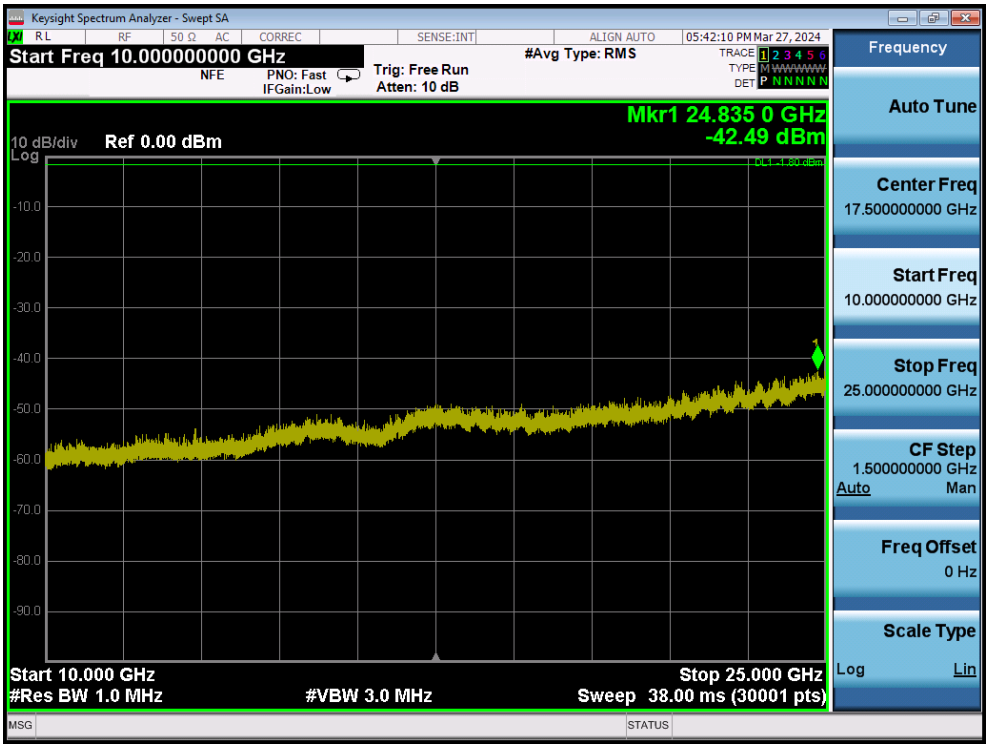
1. RBW was set to 1MHz rather than 100kHz in order to increase the measurement speed.

2. The display line shown in the following plots denotes the limit at 20dB below the fundamental emission level measured in a 100kHz bandwidth. However, since the traces in the following plots are measured with a 1MHz RBW, the display line may not necessarily appear to be 20dB below the level of the fundamental in a 1MHz bandwidth.

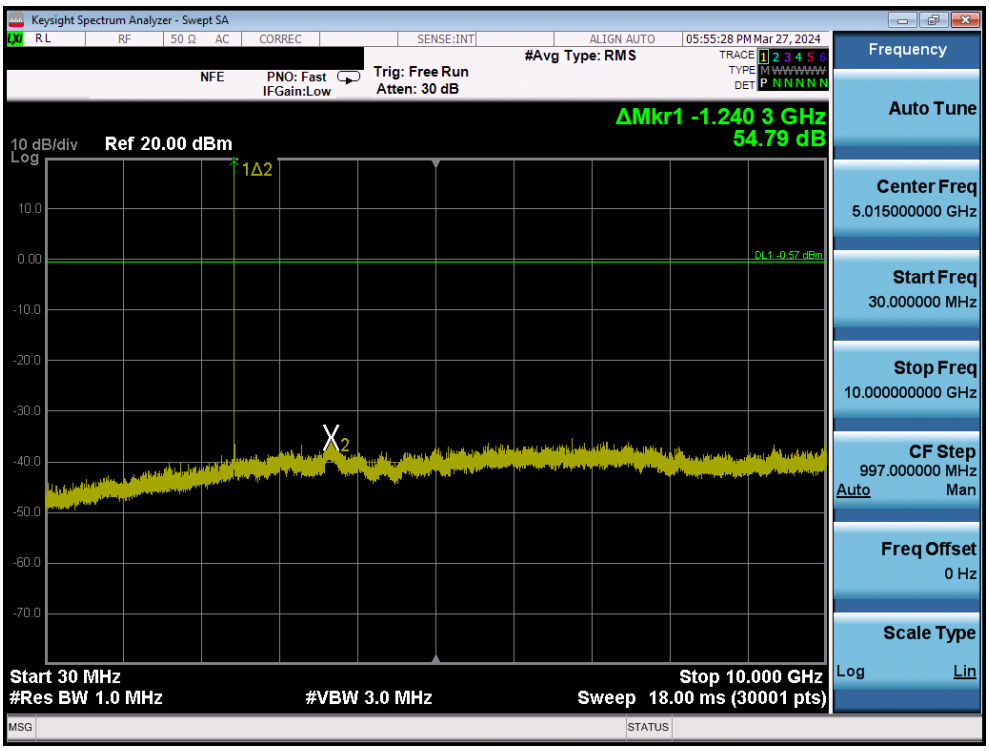
3. For plots showing conducted spurious emissions near the limit, the frequencies were investigated with a reduced RBW to ensure that no emissions were present.



Plot 7-112. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Ant1

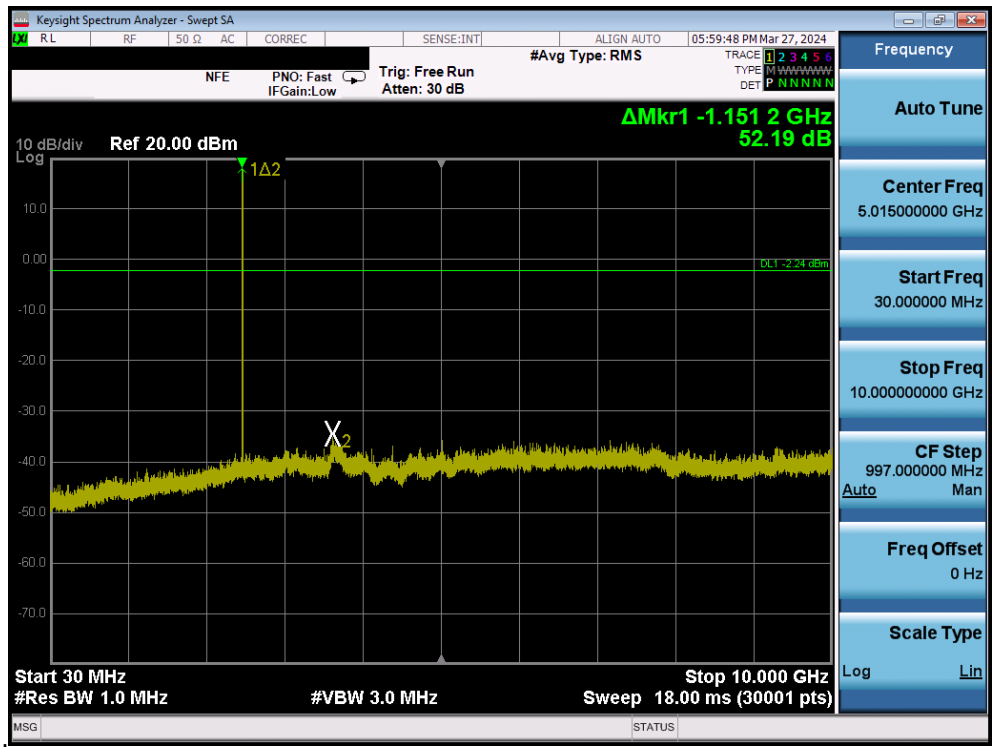


Plot 7-113. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Ant1



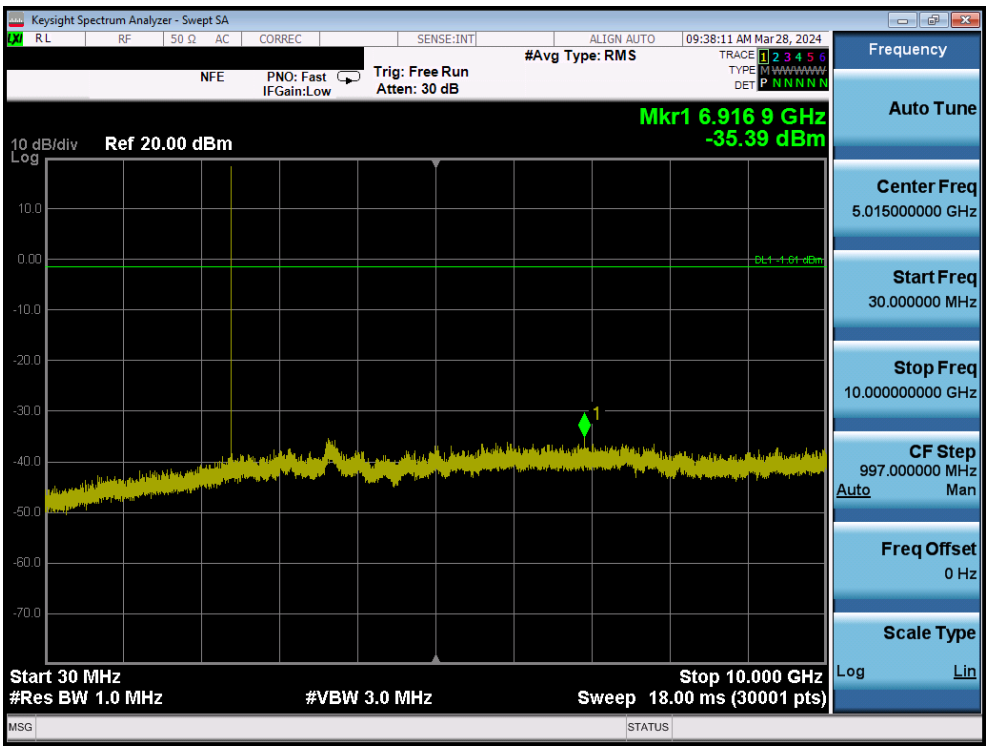
Plot 7-114. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 19) – Ant1

Plot 7-115. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 19) – Ant1



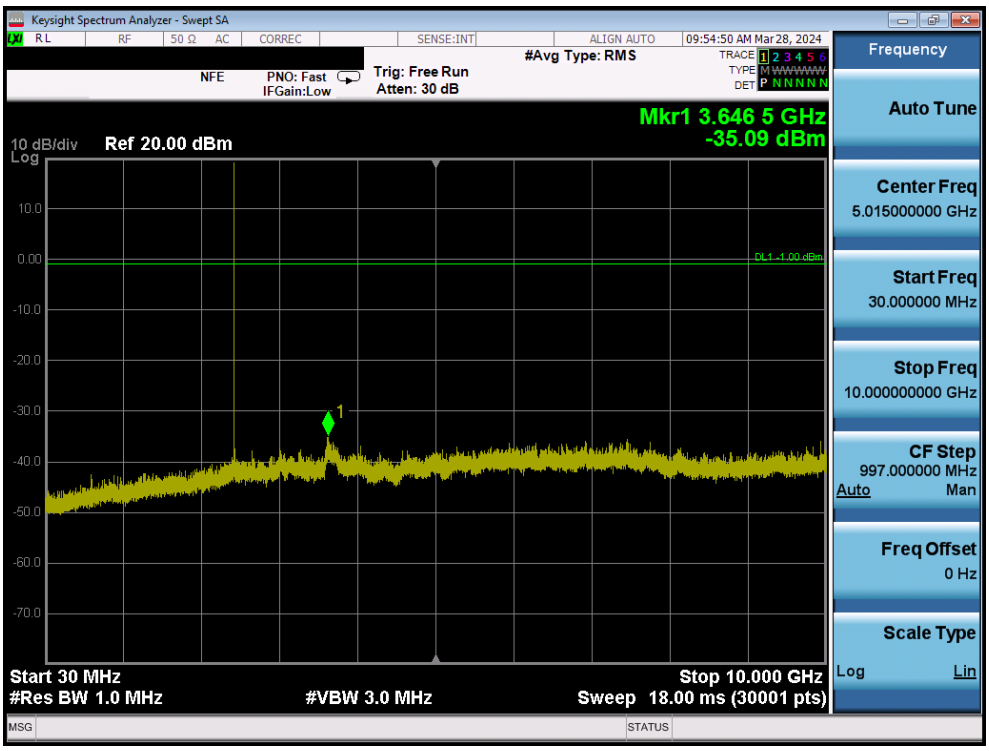
Plot 7-116. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Ant1

Plot 7-117. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Ant1



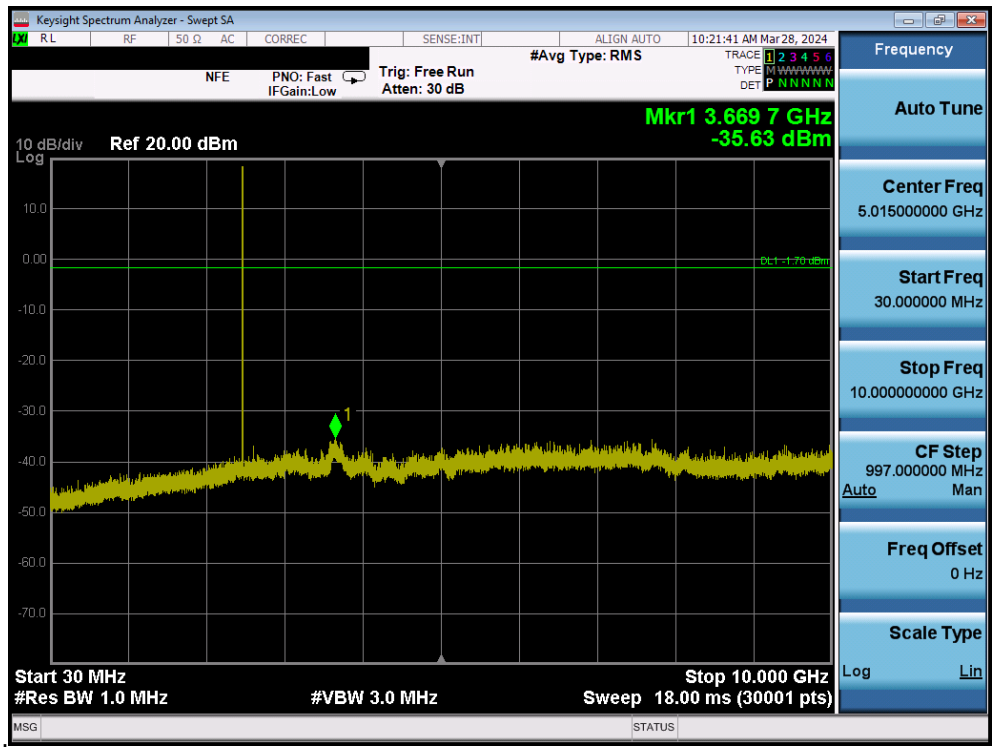
Plot 7-118. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Ant2

Plot 7-119. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Ant2



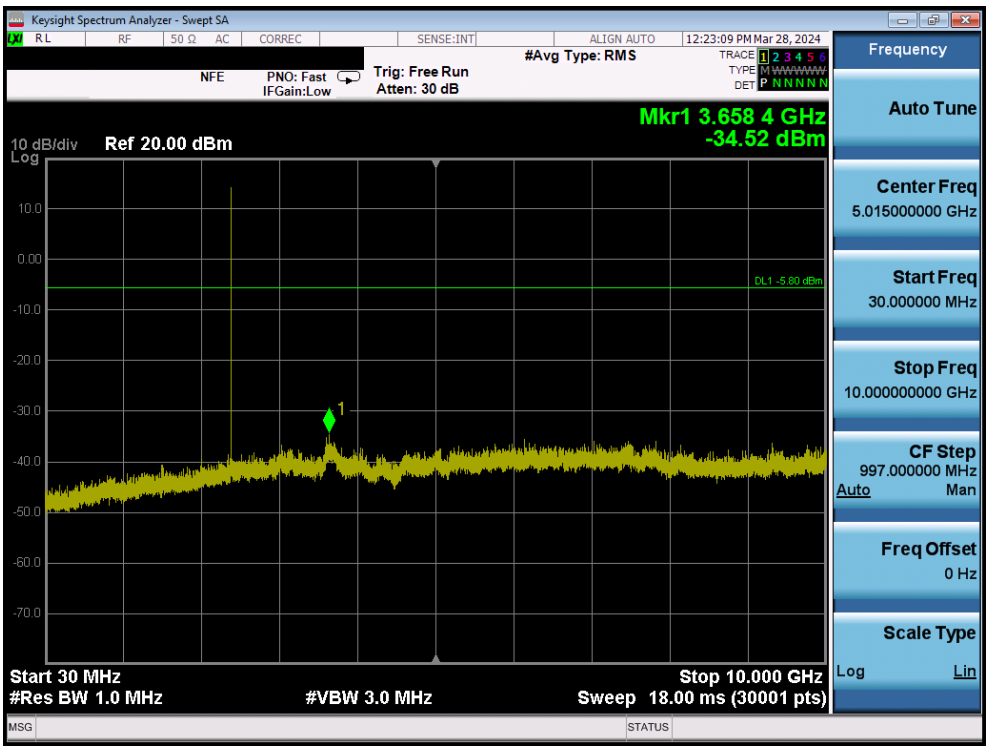
Plot 7-120. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 19) – Ant2

Plot 7-121. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 19) – Ant2



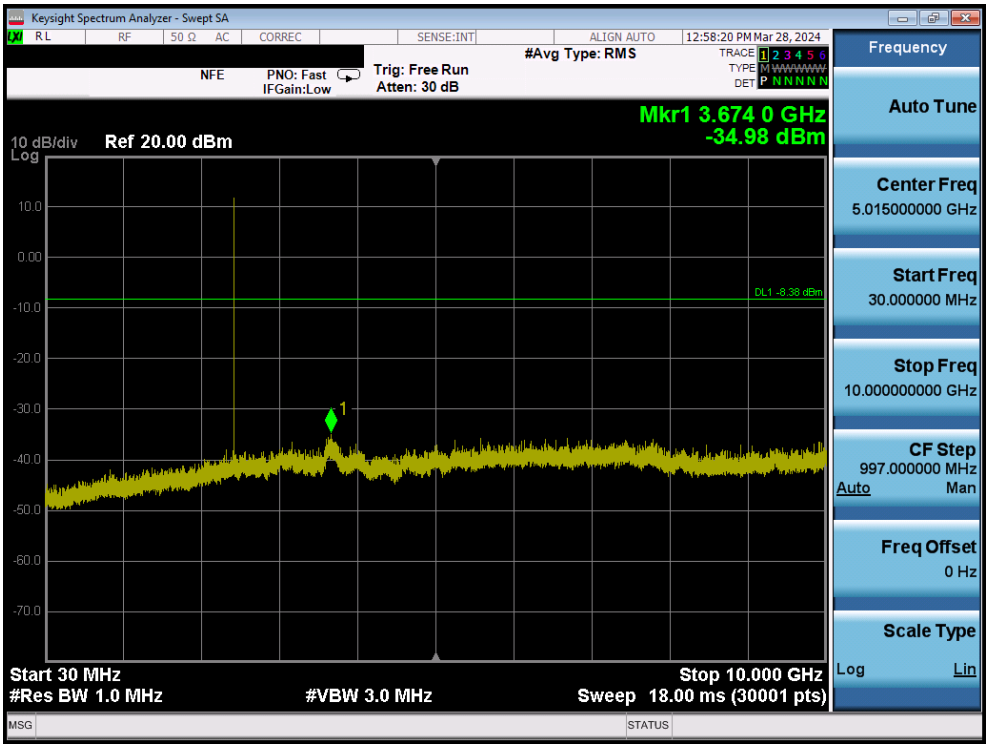
Plot 7-122. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Ant2

Plot 7-123. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Ant2



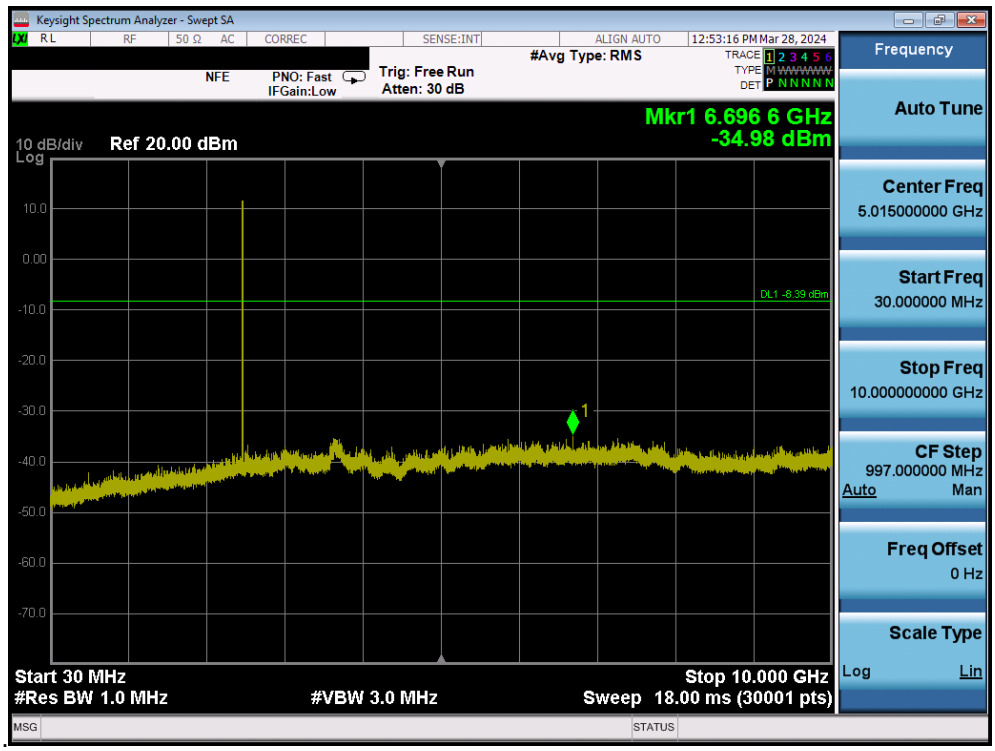
Plot 7-124. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Dual Ant1

Plot 7-125. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Dual Ant1

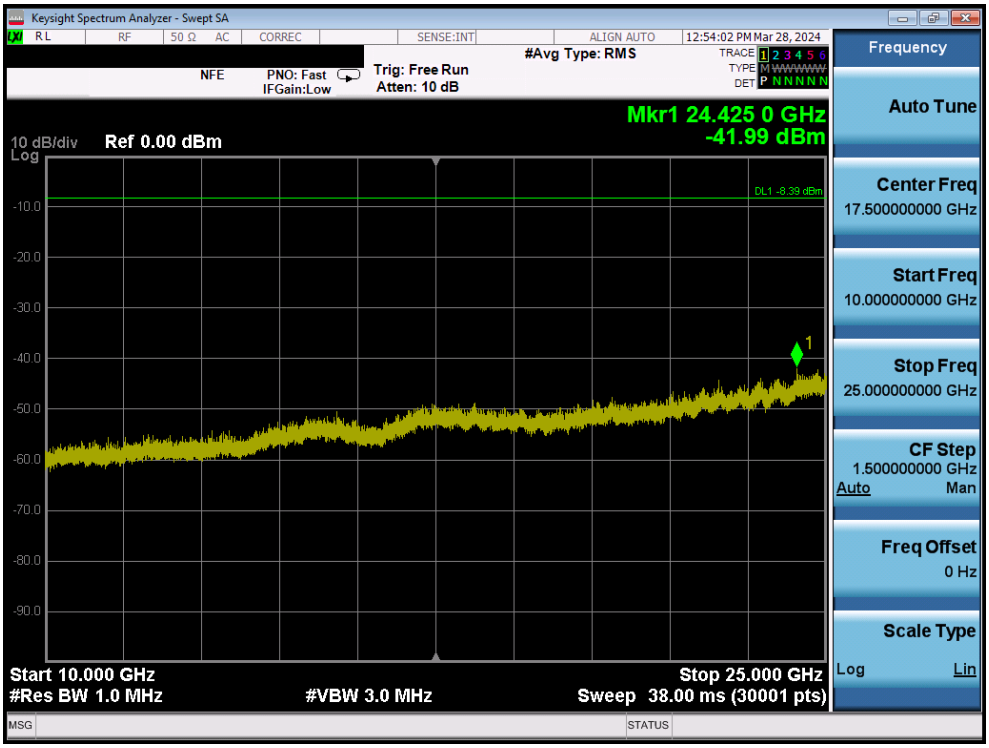


Plot 7-126. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 19) – Dual Ant1

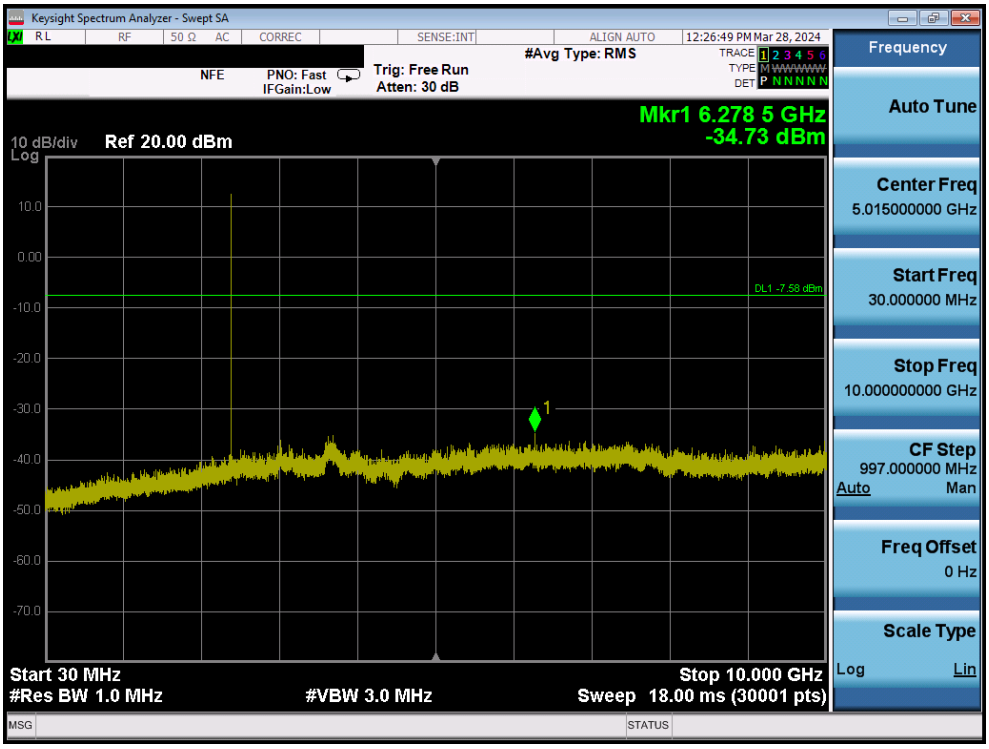
Plot 7-127. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 19) – Dual Ant1



Plot 7-128. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Dual Ant1

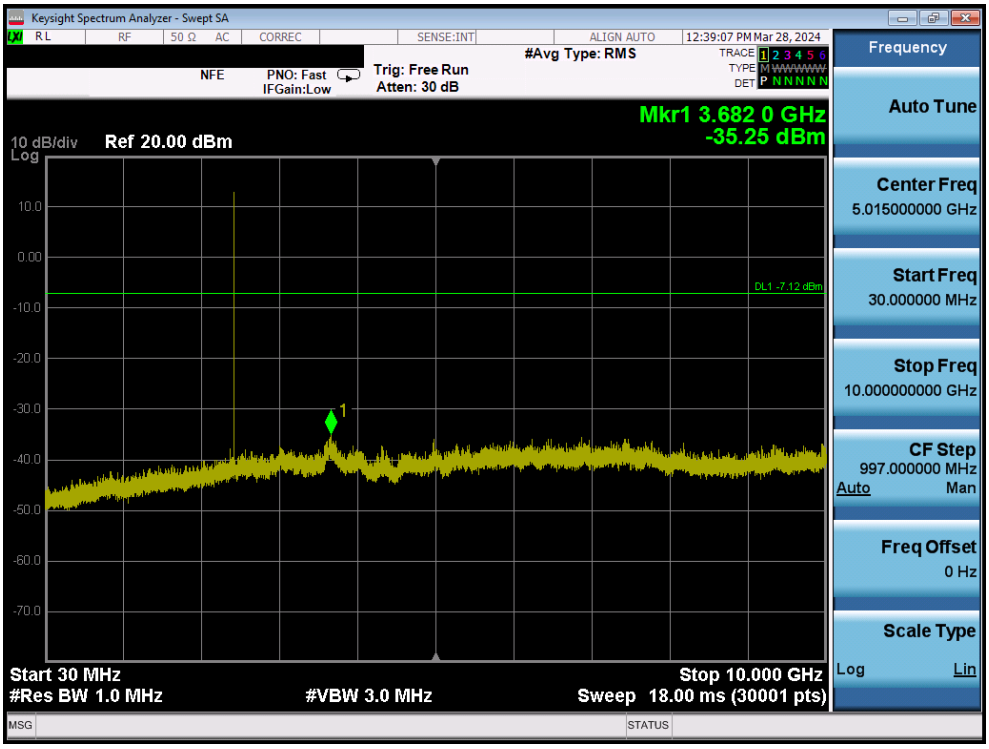


Plot 7-129. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Dual Ant1

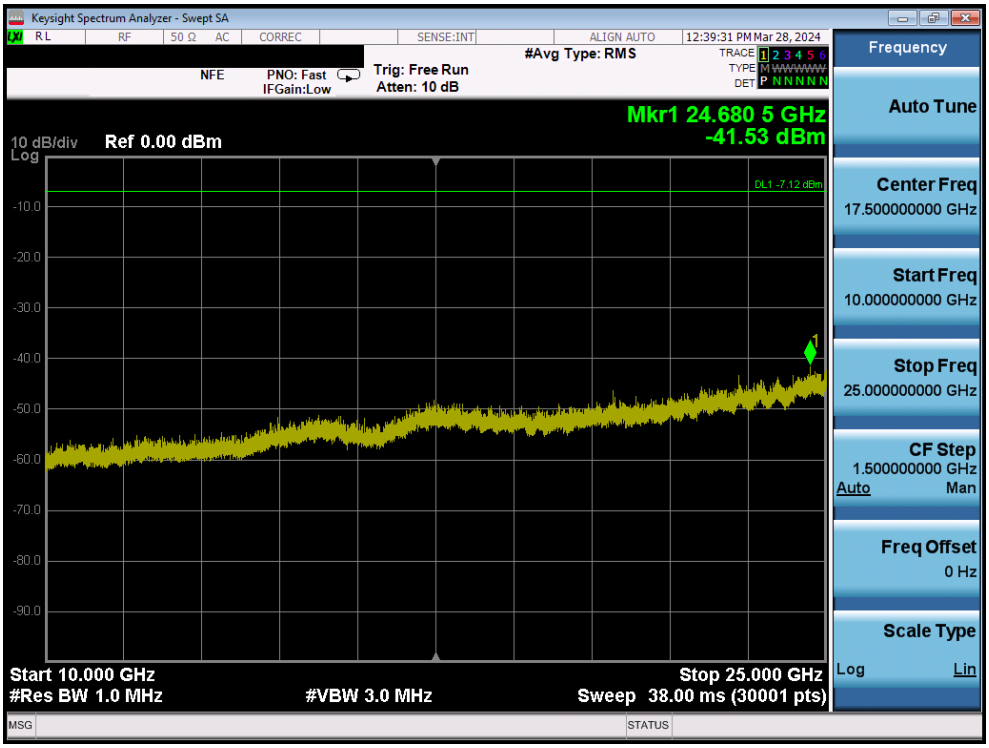


Plot 7-130. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Dual Ant2

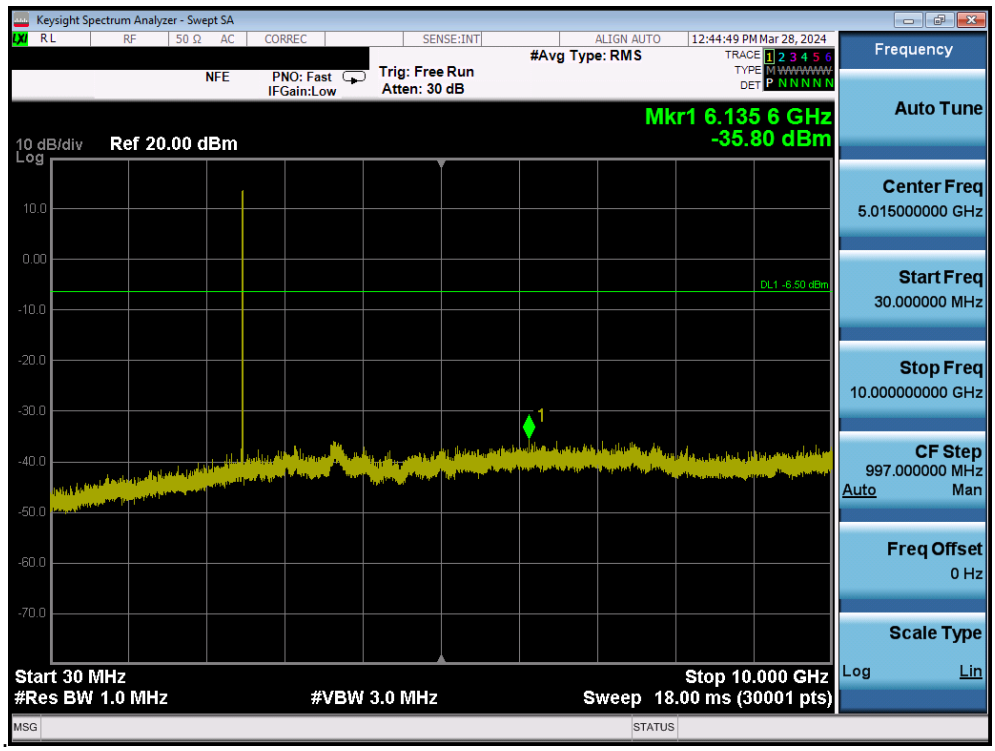
Plot 7-131. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 0) – Dual Ant2



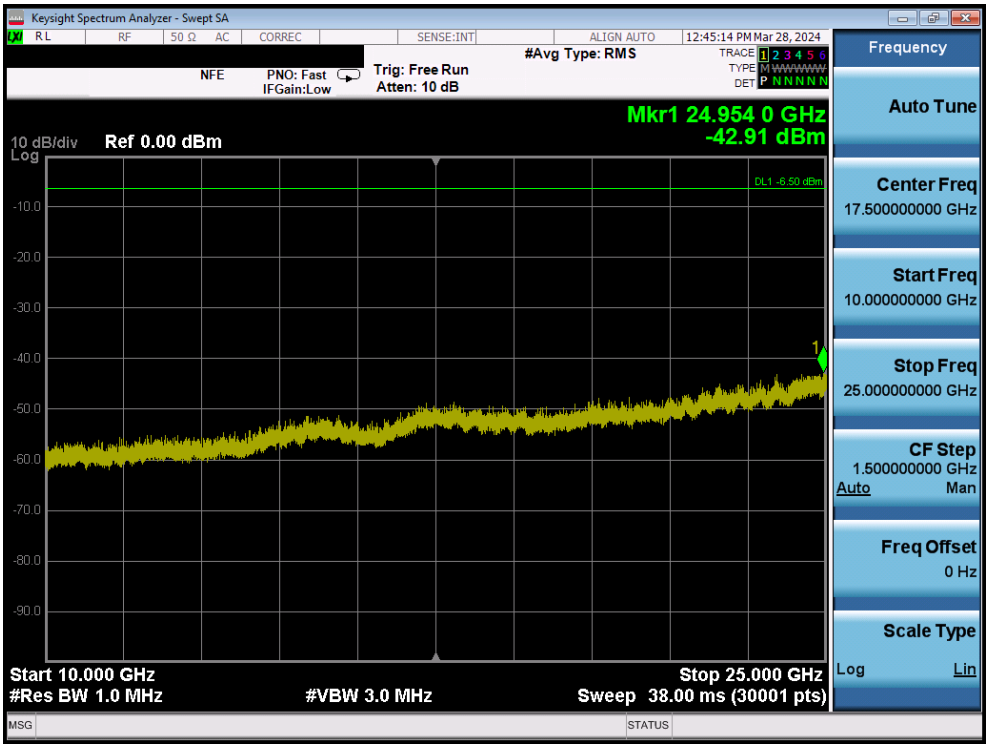
Plot 7-132. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 19) – Dual Ant2



Plot 7-133. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 19) – Dual Ant2



Plot 7-134. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Dual Ant2



Plot 7-135. Conducted Spurious Plot (Bluetooth (LE), 1Mbps – Ch. 39) – Dual Ant2

7.7 Radiated Spurious Emission Measurements

§15.205 §15.209 §15.247(d); RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at maximum power and at the appropriate frequencies. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 6 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-14 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [µV/m]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-14. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Section 6.6.4.3

Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3kHz > 1/T
4. Averaging type was set to RMS to ensure that video filtering was applied in the power domain
5. Detector = peak
6. Sweep time = auto
7. Trace mode = max hold
8. Trace was allowed to run for at least 50 times (1/duty cycle) traces

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW is set depending on measurement frequency, as specified in Table 7-15 below
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Frequency	RBW
9 – 150kHz	200 – 300Hz
0.15 – 30MHz	9 – 10kHz
30 – 1000MHz	100 – 120kHz
> 1000MHz	1MHz

Table 7-15. RBW as a Function of Frequency

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

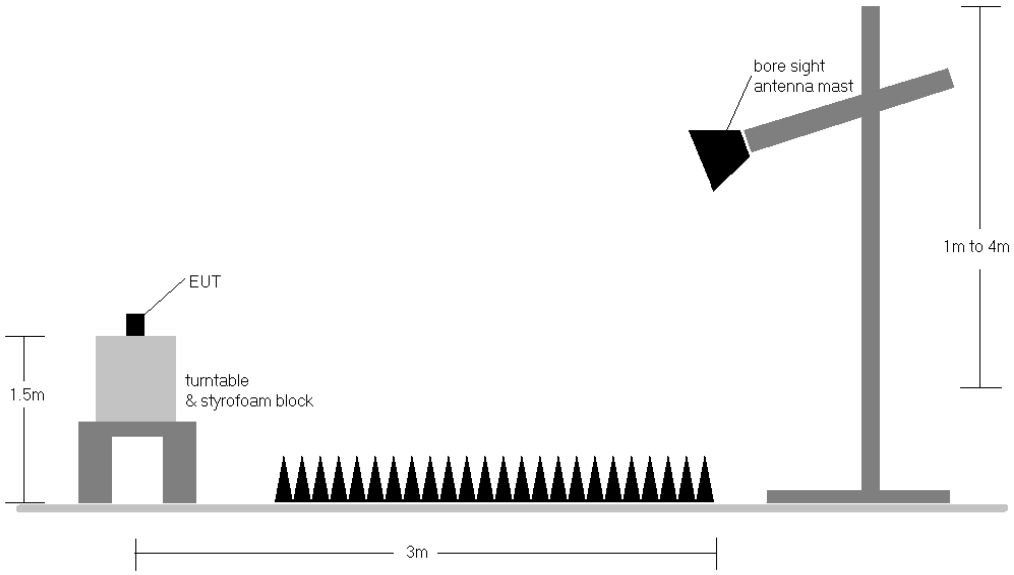


Figure 7-6. Radiated Test Setup >1GHz

Test Notes

1. All radiated spurious emissions levels were measured in a radiated test setup.
2. All emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-14.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
6. Average measurements were recorded using a VBW of 3kHz, per Section 4.1.4.2.3 of ANSI C63.10-2013, since 1/T is equal to just under 3kHz. This method was used because the EUT could not be configured to operate with a duty cycle > 98%. Both average and peak measurements were made using a peak detector
7. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. No Emission was founded above 18GHz.

Sample Calculations

Determining Spurious Emissions Levels

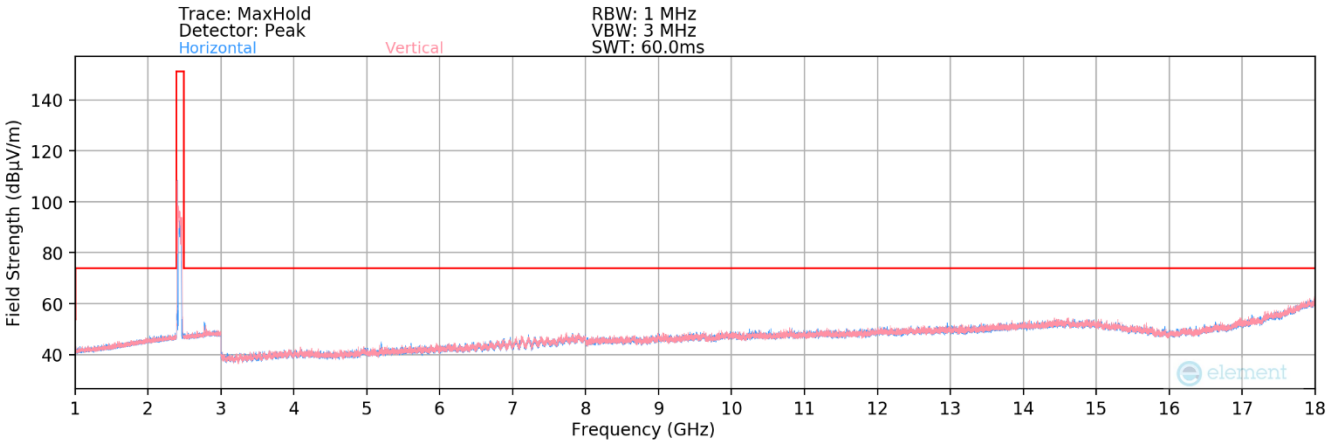
- Field Strength Level $_{[dB\mu V/m]}$ = Analyzer Level $_{[dBm]}$ + 107 + AFCL $_{[dB/m]}$
- AFCL $_{[dB/m]}$ = Antenna Factor $_{[dB/m]}$ + Cable Loss $_{[dB]}$
- Margin $_{[dB]}$ = Field Strength Level $_{[dB\mu V/m]}$ – Limit $_{[dB\mu V/m]}$

Radiated Band Edge Measurement Offset

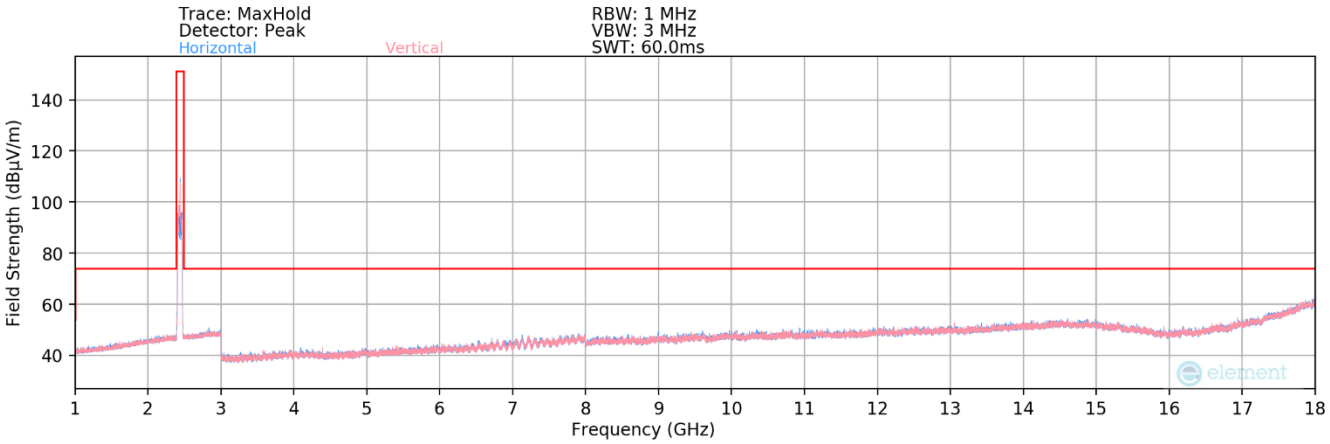
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.8 was calculated using the formula:
  Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

Radiated Spurious Emission Measurements – Ant1

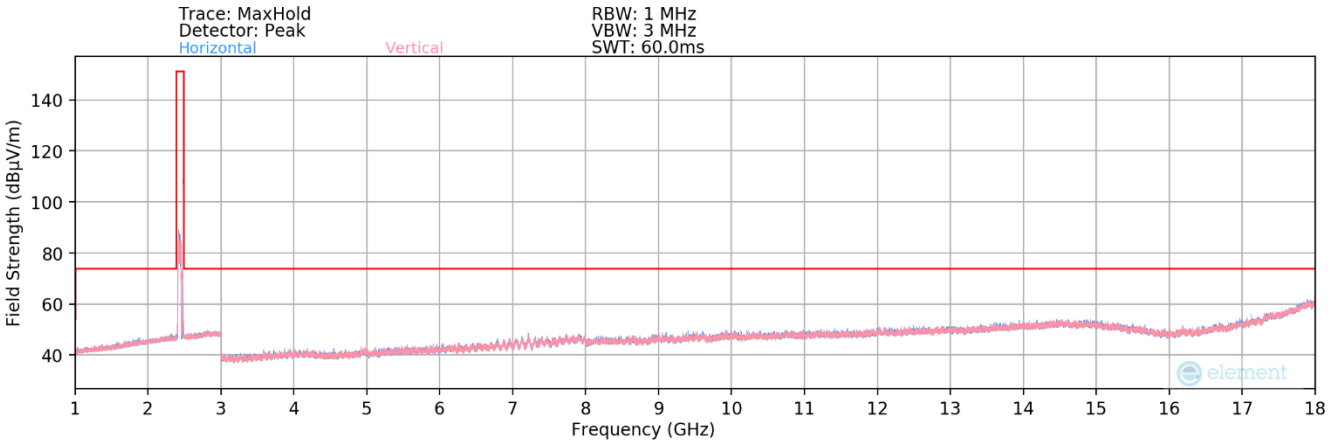
§15.205 §15.209 §15.247(d); RSS-Gen [8.9]



Plot 7-136. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 0) – Ant1



Plot 7-137. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 19) – Ant1



Plot 7-138. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 39) – Ant1

Radiated Spurious Emission Measurements – Ant1

§15.205 §15.209 §15.247(d); RSS-Gen [8.9]

Bluetooth Mode:	LE
Distance of Measurements:	3 Meters
Operating Frequency:	2402MHz
Channel:	0

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4804.00	Avg	V	198	50	-73.35	0.13	33.78	53.98	-20.20
4804.00	Peak	V	198	50	-62.85	0.13	43.95	73.98	-30.03
12010.00	Avg	V	-	-	-81.19	12.88	38.69	53.98	-15.29
12010.00	Peak	V	-	-	-69.94	12.88	49.94	73.98	-24.04

Table 7-16. Radiated Measurements – Ant1

Bluetooth Mode:	LE
Distance of Measurements:	3 Meters
Operating Frequency:	2440MHz
Channel:	19

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4880.00	Avg	V	114	359	-72.36	0.36	35.00	53.98	-18.98
4880.00	Peak	V	114	359	-62.94	0.36	44.42	73.98	-29.56
7320.00	Avg	V	-	-	-77.52	6.13	35.61	53.98	-18.37
7320.00	Peak	V	-	-	-65.84	6.13	47.29	73.98	-26.69
12200.00	Avg	V	-	-	-80.64	12.80	39.16	53.98	-14.82
12200.00	Peak	V	-	-	-68.78	12.80	51.02	73.98	-22.96

Table 7-17. Radiated Measurements – Ant1

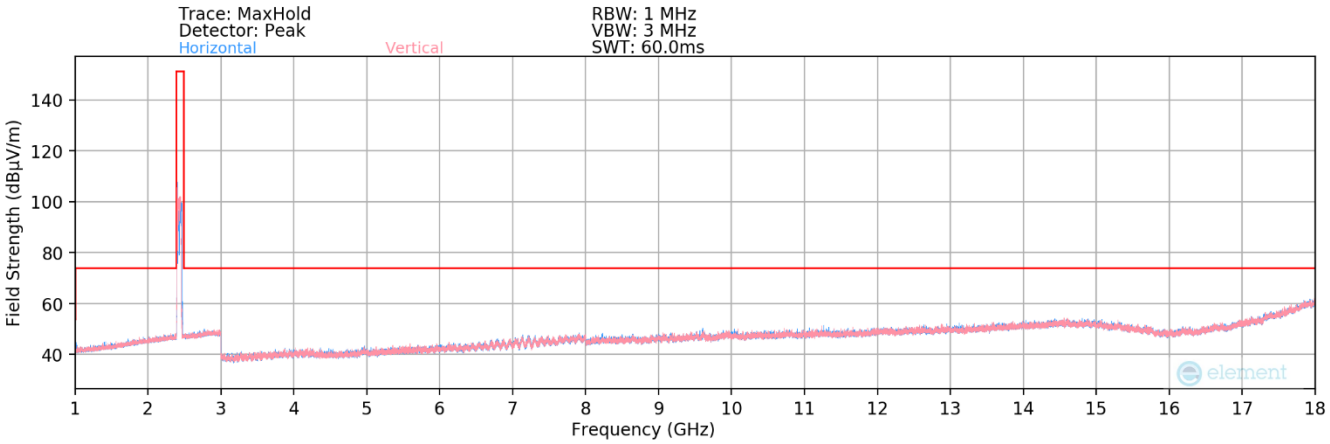
Bluetooth Mode: LE
Distance of Measurements: 3 Meters
Operating Frequency: 2480MHz
Channel: 39

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4960.00	Avg	V	186	49	-76.91	1.41	31.50	53.98	-22.48
4960.00	Peak	V	186	49	-65.69	1.41	42.72	73.98	-31.26
7440.00	Avg	V	-	-	-78.44	6.20	34.76	53.98	-19.22
7440.00	Peak	V	-	-	-67.27	6.20	45.93	73.98	-28.05
12400.00	Avg	V	-	-	-81.76	13.37	38.61	53.98	-15.37
12400.00	Peak	V	-	-	-70.15	13.37	50.22	73.98	-23.76

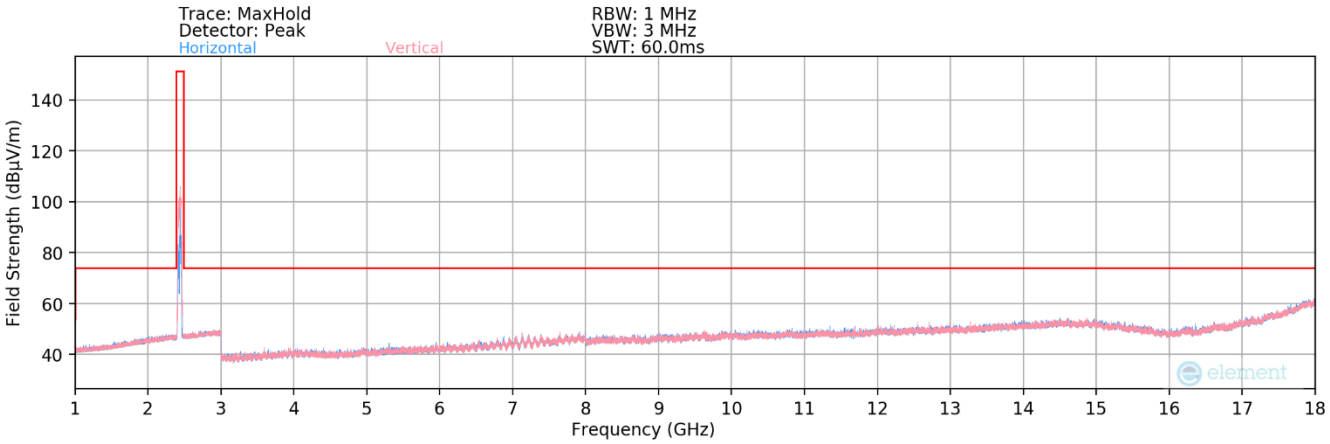
Table 7-18. Radiated Measurements – Ant1

Radiated Spurious Emission Measurements – Ant2

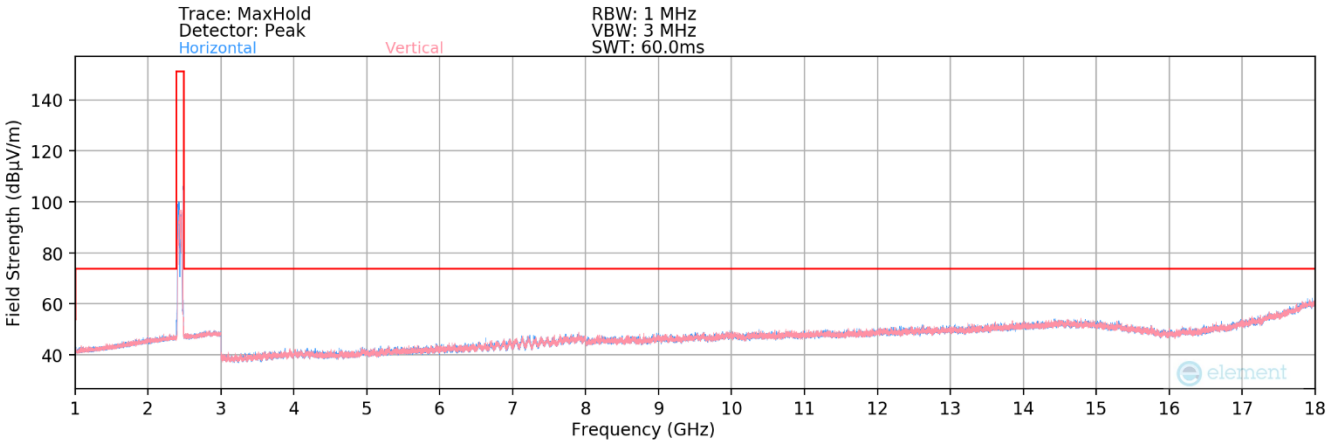
§15.205 §15.209 §15.247(d); RSS-Gen [8.9]



Plot 7-139. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 0) – Ant2



Plot 7-140. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 19) – Ant2



Plot 7-141. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 39) – Ant2

Radiated Spurious Emission Measurements – Ant2

§15.205 §15.209 §15.247(d); RSS-Gen [8.9]

Bluetooth Mode:	LE
Distance of Measurements:	3 Meters
Operating Frequency:	2402MHz
Channel:	0

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4804.00	Avg	V	-	-	-75.94	0.13	31.19	53.98	-22.79
4804.00	Peak	V	-	-	-62.85	0.13	43.01	73.98	-30.97
12010.00	Avg	V	-	-	-81.18	12.88	38.70	53.98	-15.28
12010.00	Peak	V	-	-	-70.04	12.88	49.84	73.98	-24.14

Table 7-19. Radiated Measurements – Ant2

Bluetooth Mode:	LE
Distance of Measurements:	3 Meters
Operating Frequency:	2440MHz
Channel:	19

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4880.00	Avg	V	-	-	-76.13	0.36	31.23	53.98	-22.75
4880.00	Peak	V	-	-	-64.32	0.36	43.04	73.98	-30.94
7320.00	Avg	V	-	-	-77.48	6.13	35.65	53.98	-18.33
7320.00	Peak	V	-	-	-65.79	6.13	47.34	73.98	-26.64
12200.00	Avg	V	-	-	-80.68	12.80	39.12	53.98	-14.86
12200.00	Peak	V	-	-	-69.13	12.80	50.67	73.98	-23.31

Table 7-20. Radiated Measurements – Ant2

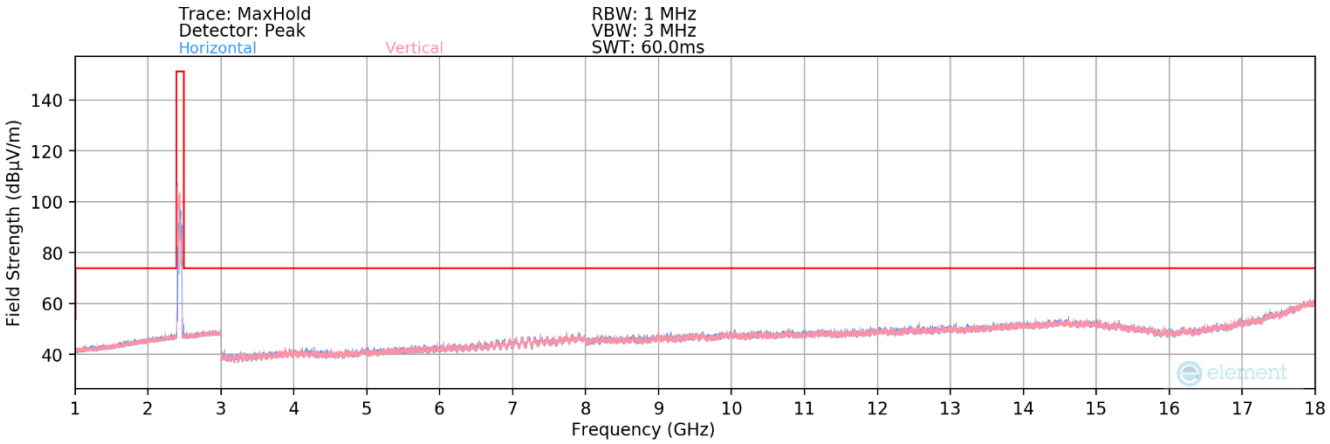
Bluetooth Mode: LE
Distance of Measurements: 3 Meters
Operating Frequency: 2480MHz
Channel: 39

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4960.00	Avg	V	-	-	-76.24	1.41	32.17	53.98	-21.81
4960.00	Peak	V	-	-	-65.36	1.41	43.05	73.98	-30.93
7440.00	Avg	V	-	-	-78.16	6.20	35.04	53.98	-18.94
7440.00	Peak	V	-	-	-68.34	6.20	44.86	73.98	-29.12
12400.00	Avg	V	-	-	-81.39	13.37	38.98	53.98	-15.00
12400.00	Peak	V	-	-	-70.27	13.37	50.10	73.98	-23.88

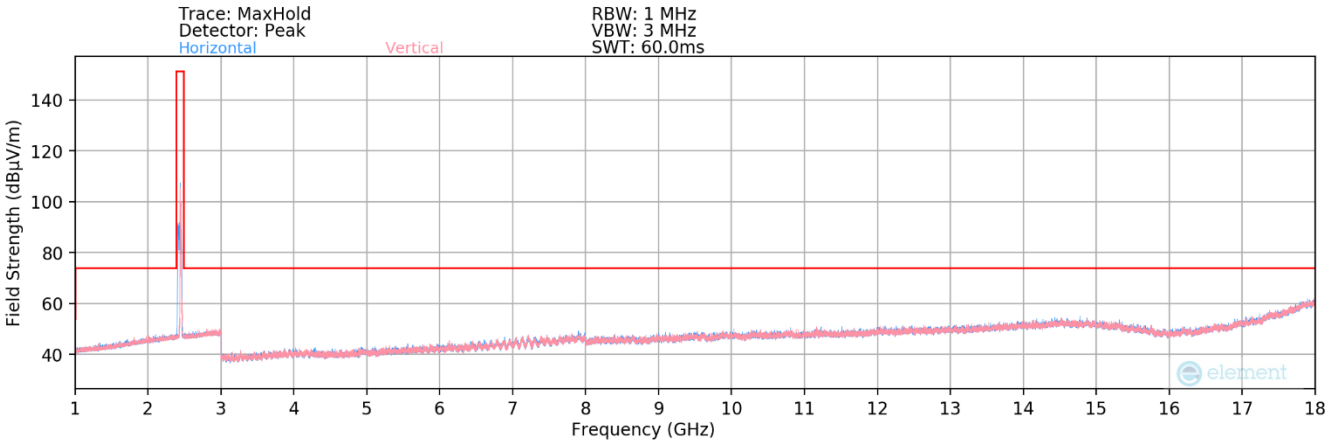
Table 7-21. Radiated Measurements – Ant2

Radiated Spurious Emission Measurements – Dual

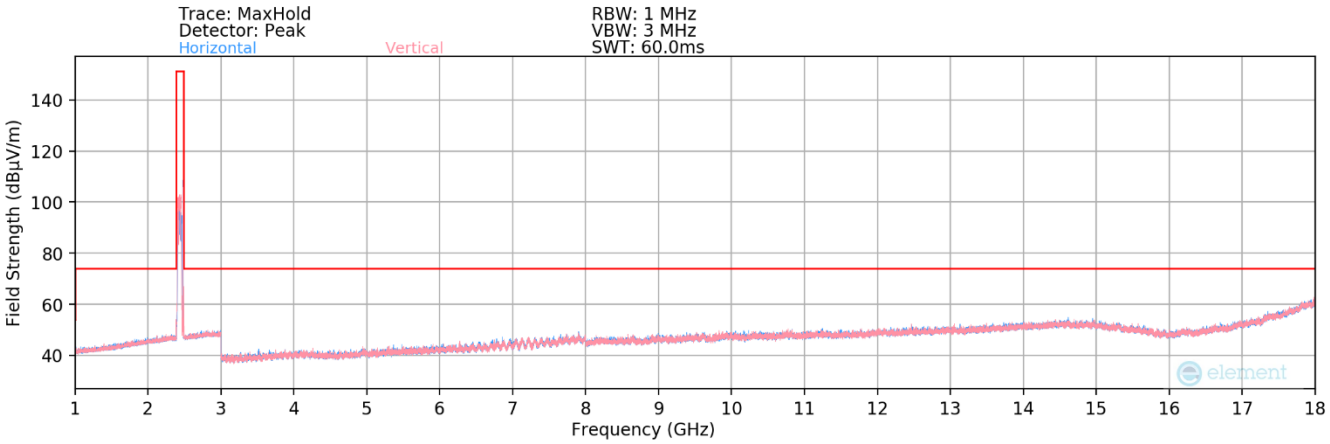
§15.205 §15.209 §15.247(d); RSS-Gen [8.9]



Plot 7-142. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 0) – Dual



Plot 7-143. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 19) – Dual



Plot 7-144. Radiated Spurious Plot above 1GHz (Bluetooth (LE) – Ch. 39) – Dual

Radiated Spurious Emission Measurements – Dual

§15.205 §15.209 §15.247(d); RSS-Gen [8.9]

Bluetooth Mode:	LE
Distance of Measurements:	3 Meters
Operating Frequency:	2402MHz
Channel:	0

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4804.00	Avg	V	186	38	-72.19	0.13	34.94	53.98	-19.04
4804.00	Peak	V	186	38	-62.85	0.13	43.62	73.98	-30.36
12010.00	Avg	V	-	-	-81.08	12.88	38.80	53.98	-15.18
12010.00	Peak	V	-	-	-69.78	12.88	50.10	73.98	-23.88

Table 7-22. Radiated Measurements – Dual

Bluetooth Mode:	LE
Distance of Measurements:	3 Meters
Operating Frequency:	2440MHz
Channel:	19

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4880.00	Avg	V	190	36	-73.13	0.36	34.23	53.98	-19.75
4880.00	Peak	V	190	36	-65.45	0.36	41.91	73.98	-32.07
7320.00	Avg	V	-	-	-77.63	6.13	35.50	53.98	-18.48
7320.00	Peak	V	-	-	-65.06	6.13	48.07	73.98	-25.91
12200.00	Avg	V	-	-	-81.03	12.80	38.77	53.98	-15.21
12200.00	Peak	V	-	-	-68.92	12.80	50.88	73.98	-23.10

Table 7-23. Radiated Measurements – Dual

Bluetooth Mode: LE
Distance of Measurements: 3 Meters
Operating Frequency: 2480MHz
Channel: 39

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4960.00	Avg	V	234	40	-74.36	1.41	34.05	53.98	-19.93
4960.00	Peak	V	234	40	-63.59	1.41	44.82	73.98	-29.16
7440.00	Avg	V	-	-	-80.36	6.20	32.84	53.98	-21.14
7440.00	Peak	V	-	-	-66.34	6.20	46.86	73.98	-27.12
12400.00	Avg	V	-	-	-81.32	13.37	39.05	53.98	-14.93
12400.00	Peak	V	-	-	-69.68	13.37	50.69	73.98	-23.29

Table 7-24. Radiated Measurements – Dual

7.8 Radiated Restricted Band Edge Measurements

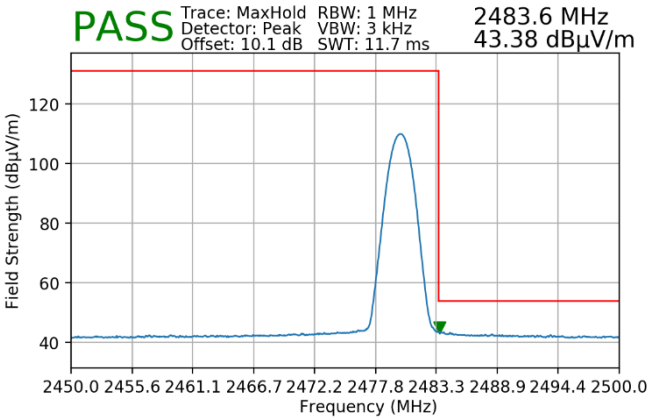
§15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

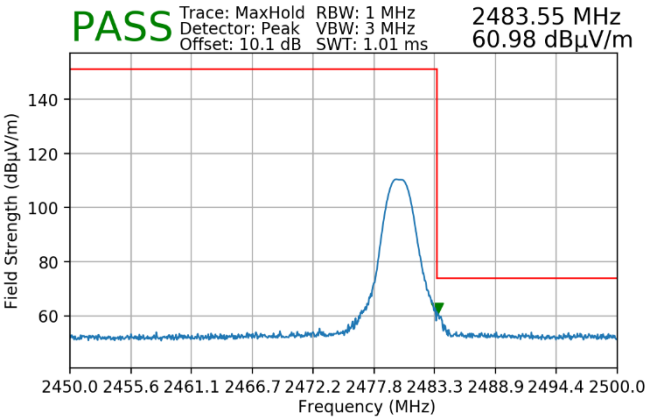
The amplitude offset shown in the following plots for average measurements was calculated using the formula:

Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

Bluetooth Mode:	LE
Measurement Distance:	3 Meters
Operating Frequency:	2480MHz
Channel:	39

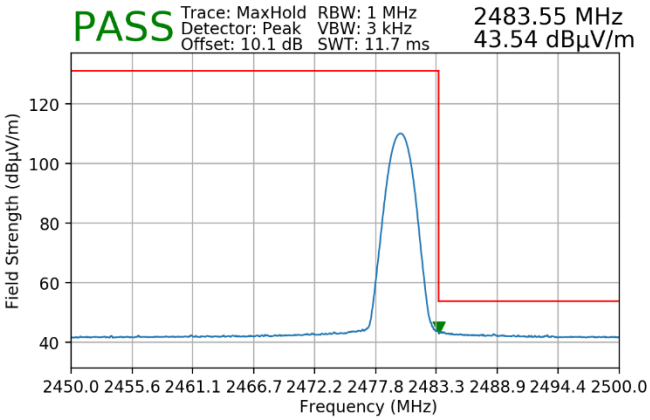


Plot 7-145. Radiated Restricted Lower Band Edge Measurement (Average) – Ant1

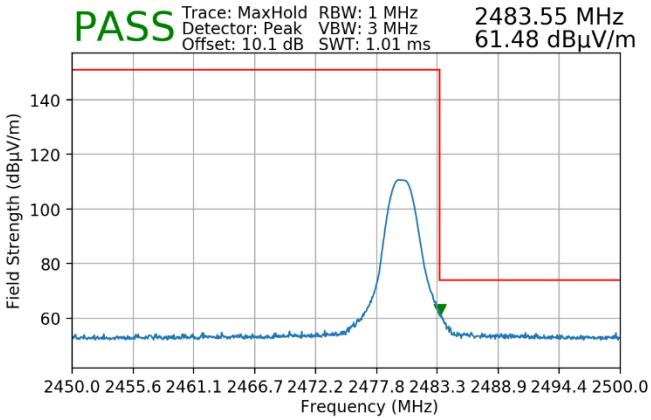


Plot 7-146. Radiated Restricted Lower Band Edge Measurement (Peak) – Ant1

Bluetooth Mode:	LE
Measurement Distance:	3 Meters
Operating Frequency:	2480MHz
Channel:	39

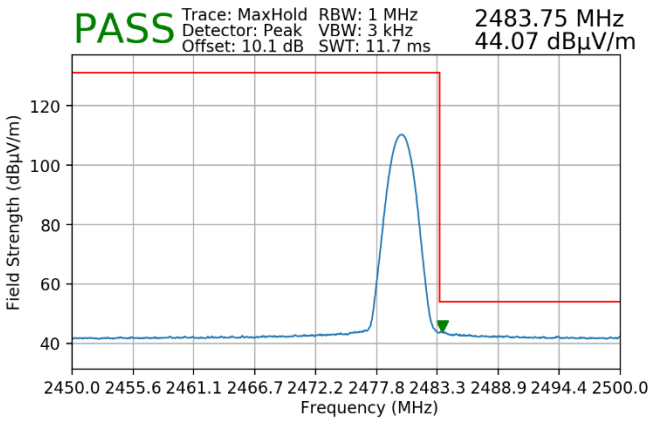


Plot 7-147. Radiated Restricted Upper Band Edge Measurement (Average) – Ant2

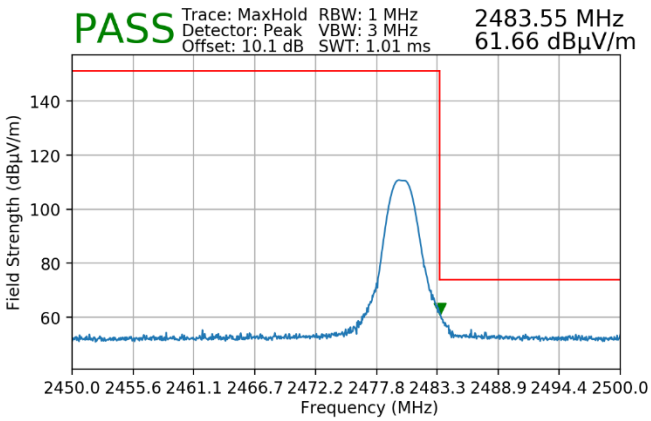


Plot 7-148. Radiated Restricted Upper Band Edge Measurement (Peak) – Ant2

Bluetooth Mode:	LE
Measurement Distance:	3 Meters
Operating Frequency:	2480MHz
Channel:	39



Plot 7-149. Radiated Restricted Upper Band Edge Measurement (Average) – Dual



Plot 7-150. Radiated Restricted Upper Band Edge Measurement (Peak) – Dual

7.9 Line Conducted Measurement Data

§15.207; RSS-Gen [8.8]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below per Section 15.207 and RSS-Gen (8.8).

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

Table 7-21. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, Section 6.2

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

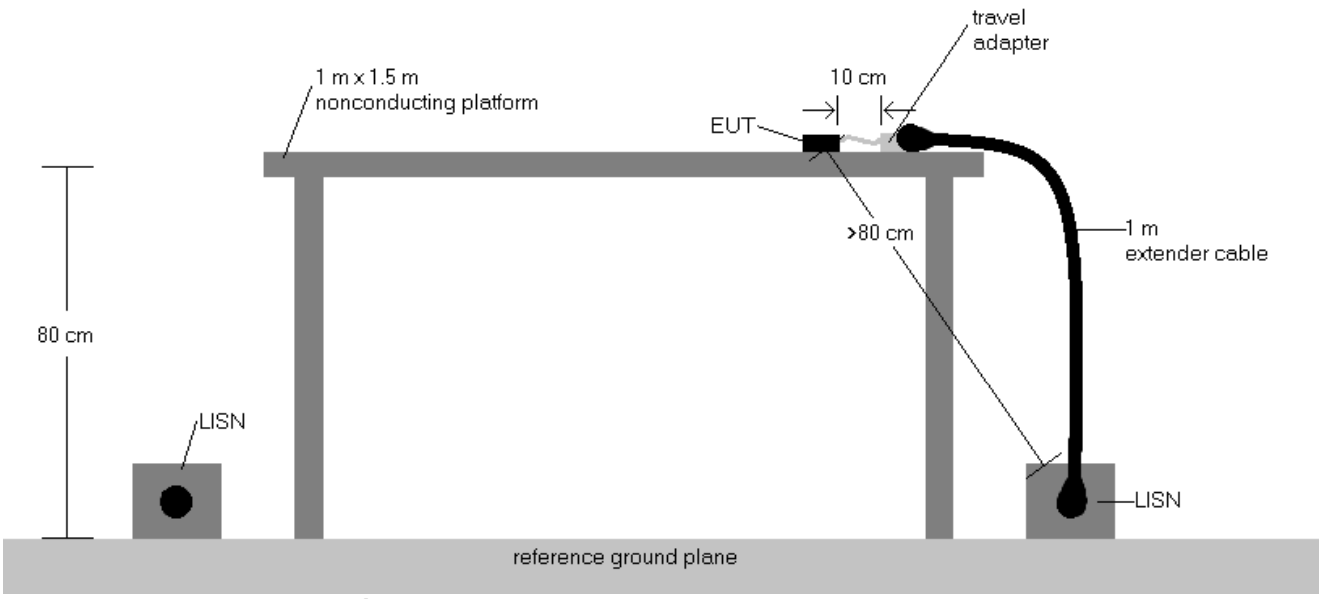
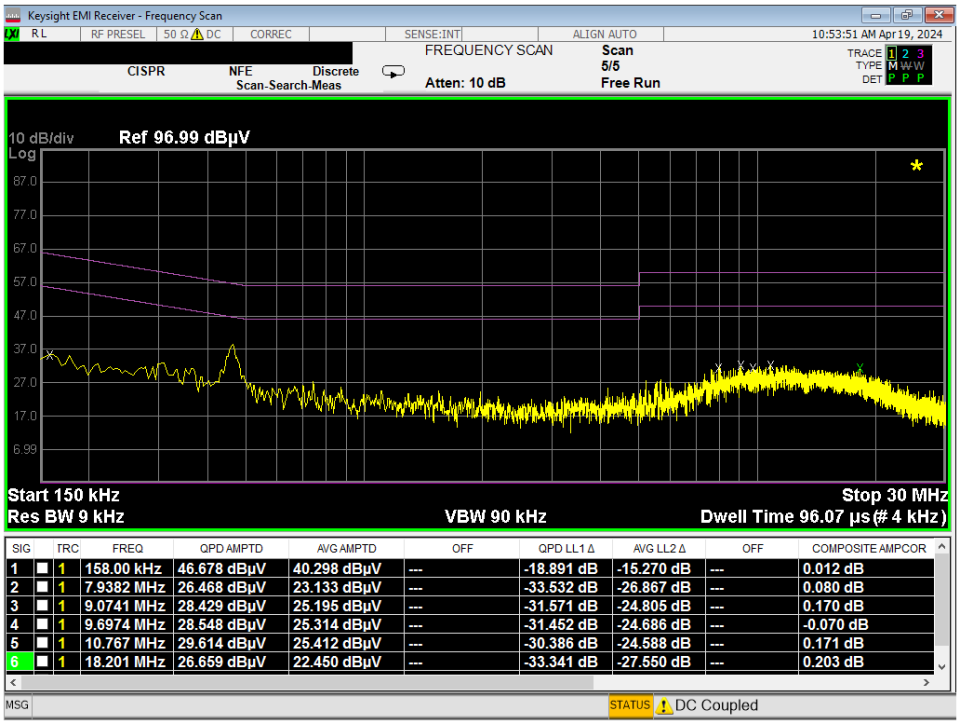


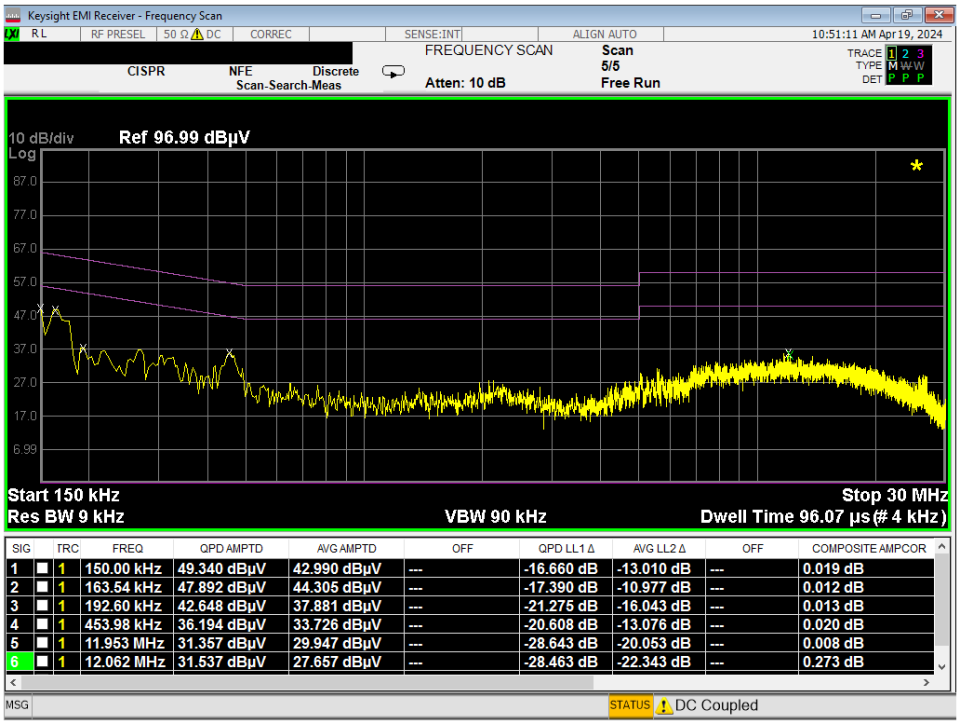
Figure 7-7. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated, and the worst-case emissions are reported using mid channel. The emissions found were not affected by the choice of channel used during testing.
2. The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207 and RSS-Gen (8.8).
3. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
4. QP/AV Level (dBμV) = QP/AV Analyzer/Receiver Level (dBμV) + Corr. (dB)
5. Margin (dB) = QP/AV Limit (dBμV) - QP/AV Level (dBμV)
6. Traces shown in plot are made using a peak detector.
7. Deviations to the Specifications: None.



Plot 7-151. Line-Conducted Test Plot (L1)



Plot 7-152. Line-Conducted Test Plot (N)

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Computing Device FCC ID: A3LNP960XMA** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules.