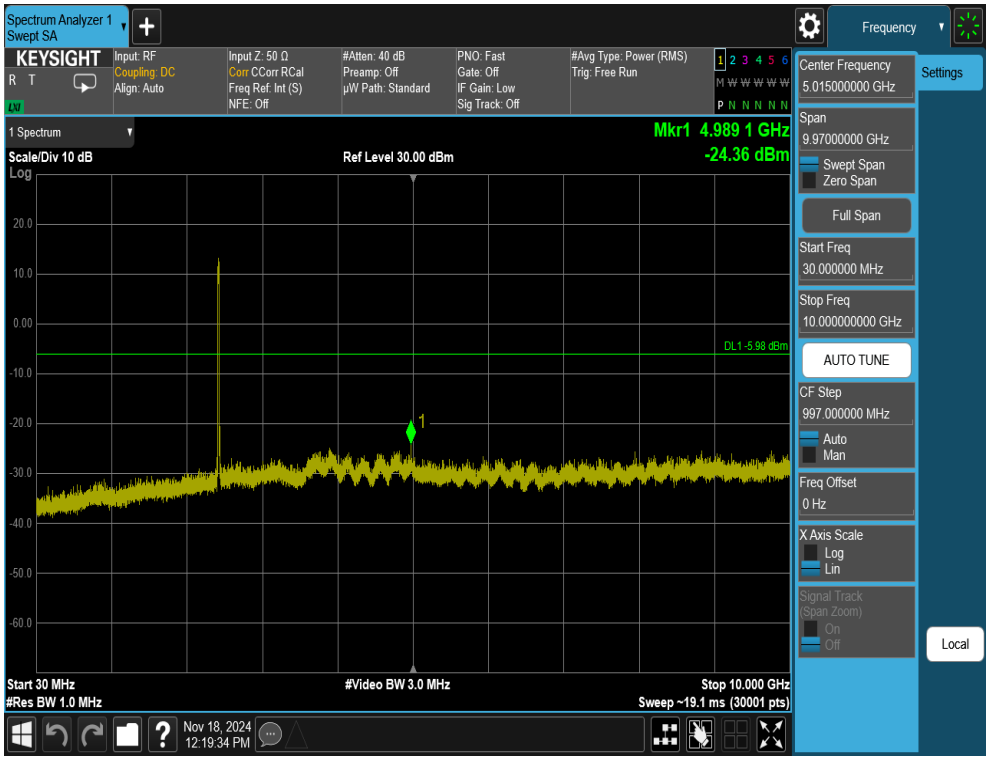
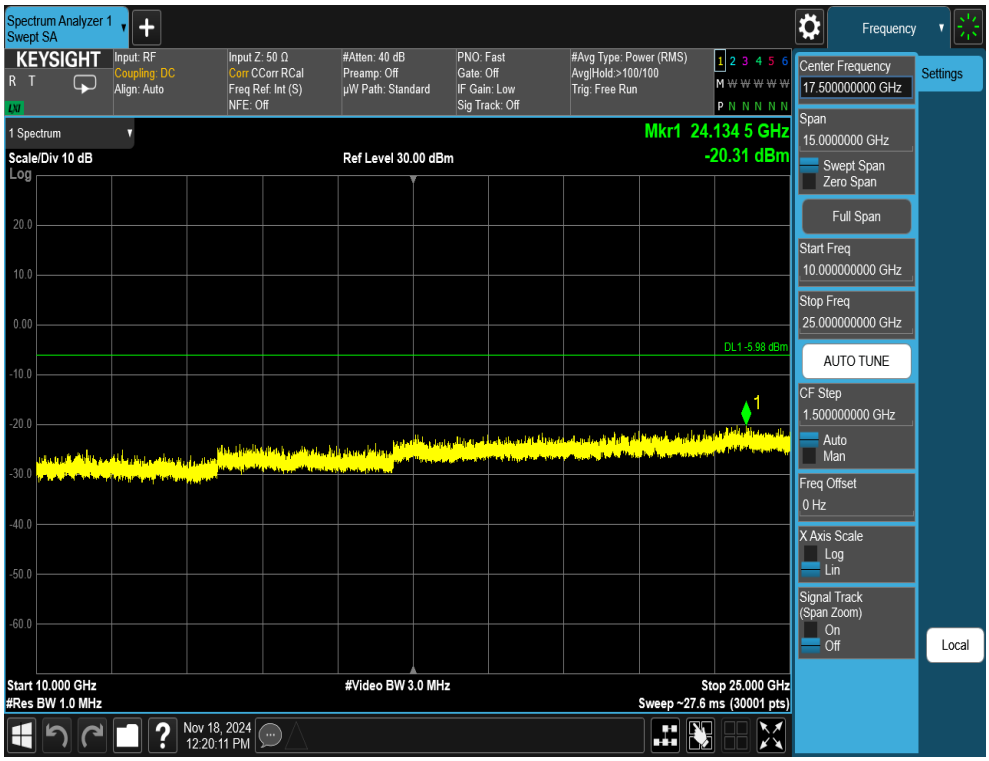
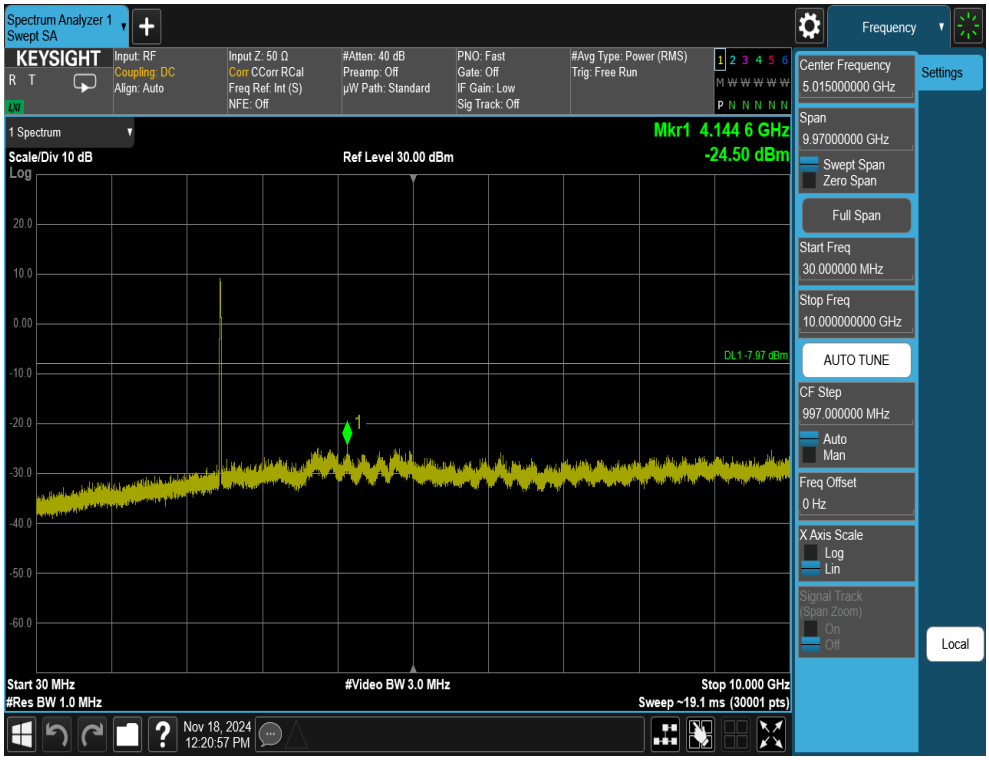


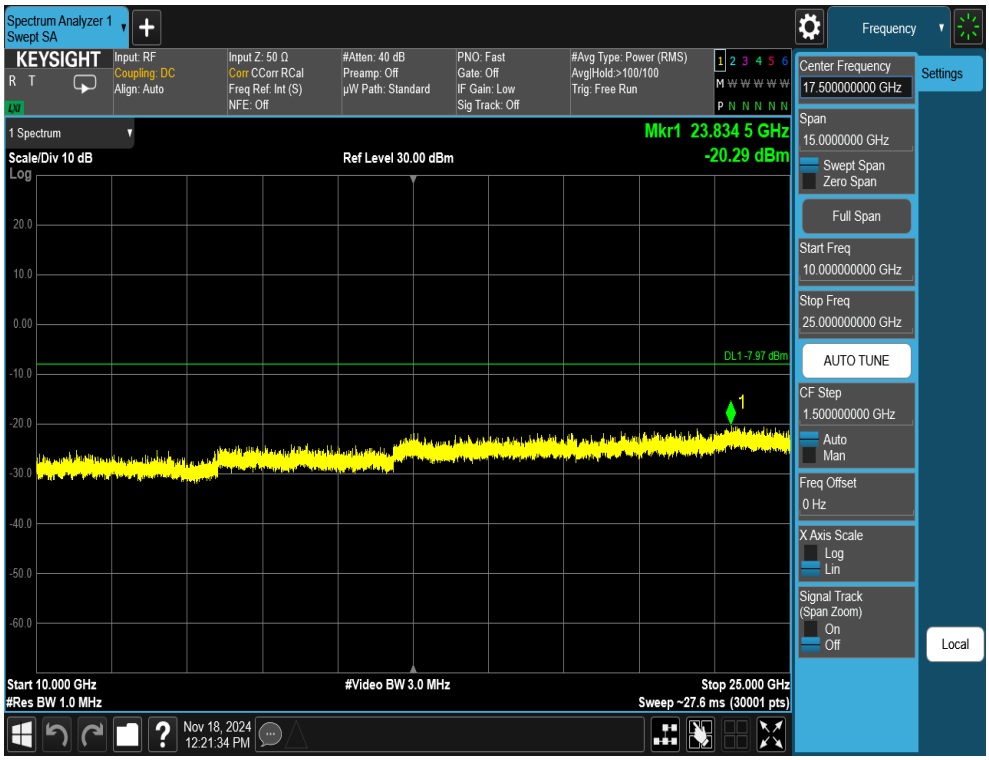
Plot 7-70. Conducted Spurious Plot Antenna WF8 (802.11ax OFDMA – RU242 – Ch. 6)



Plot 7-71. Conducted Spurious Plot Antenna WF8 (802.11ax OFDMA – RU242 – Ch. 6)

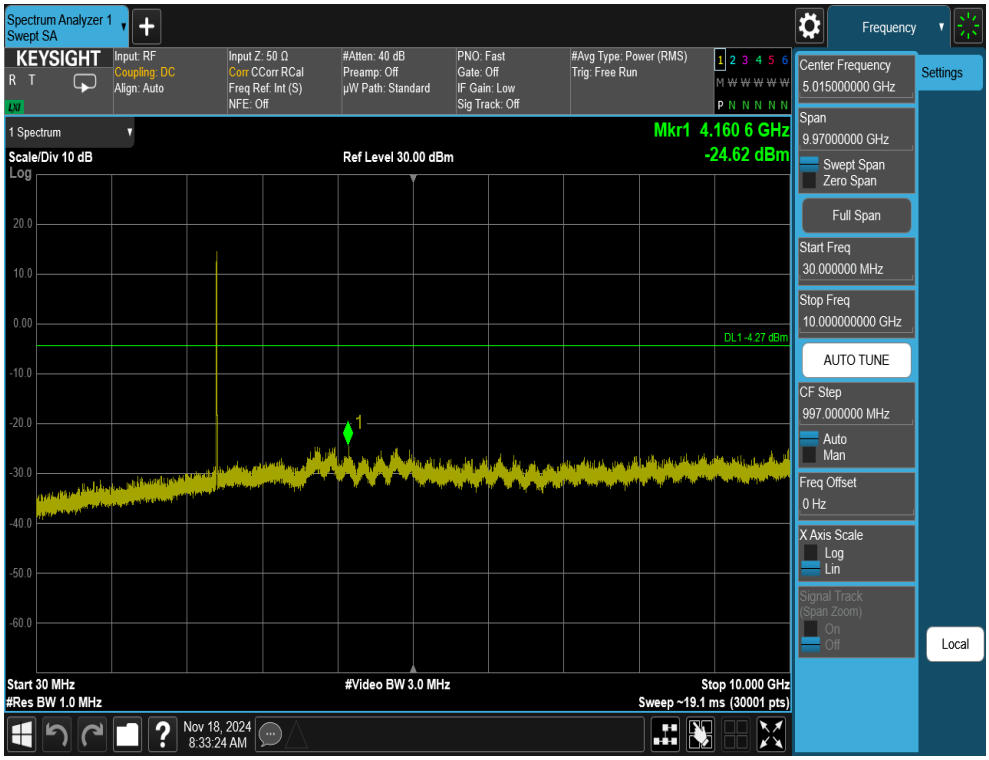


Plot 7-72. Conducted Spurious Plot Antenna WF8 (802.11ax OFDMA – RU242 – Ch. 11)

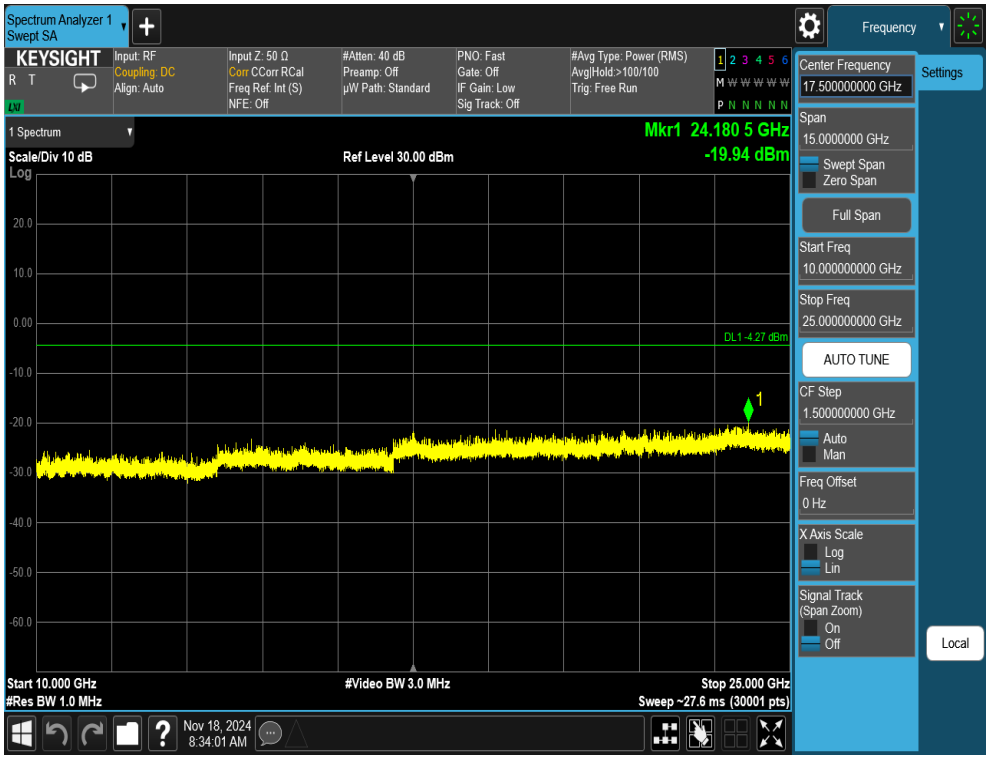


Plot 7-73. Conducted Spurious Plot Antenna WF8 (802.11ax OFDMA – RU242 – Ch. 11)

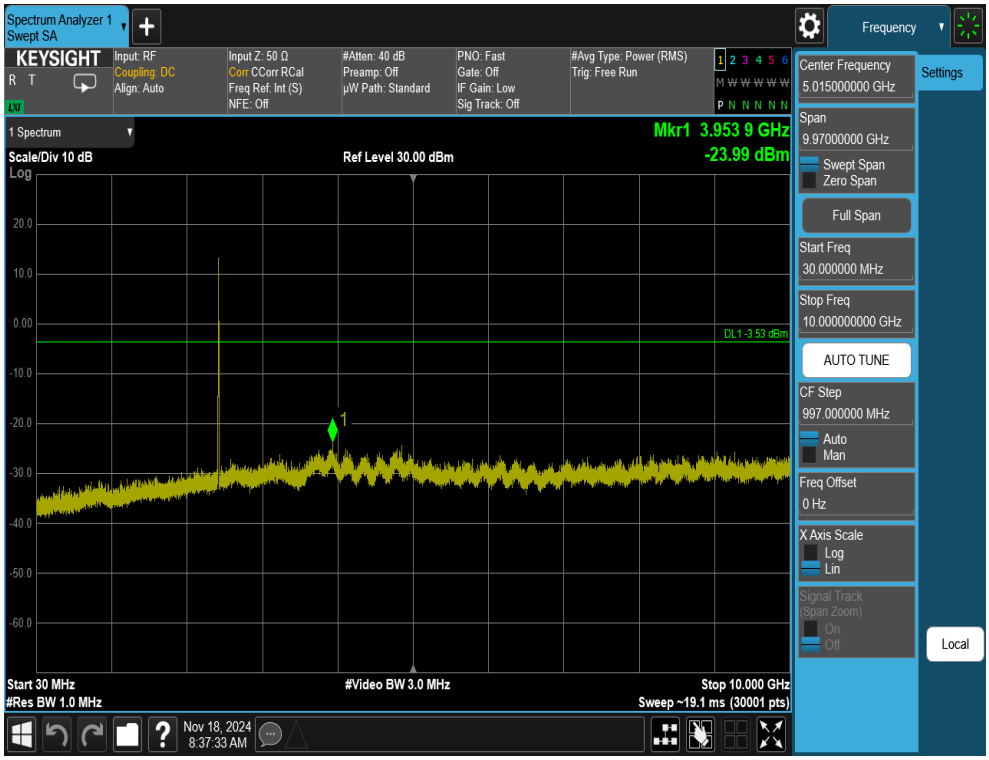
7.6.2 Antenna WF8 (Common) Conducted Spurious Emission



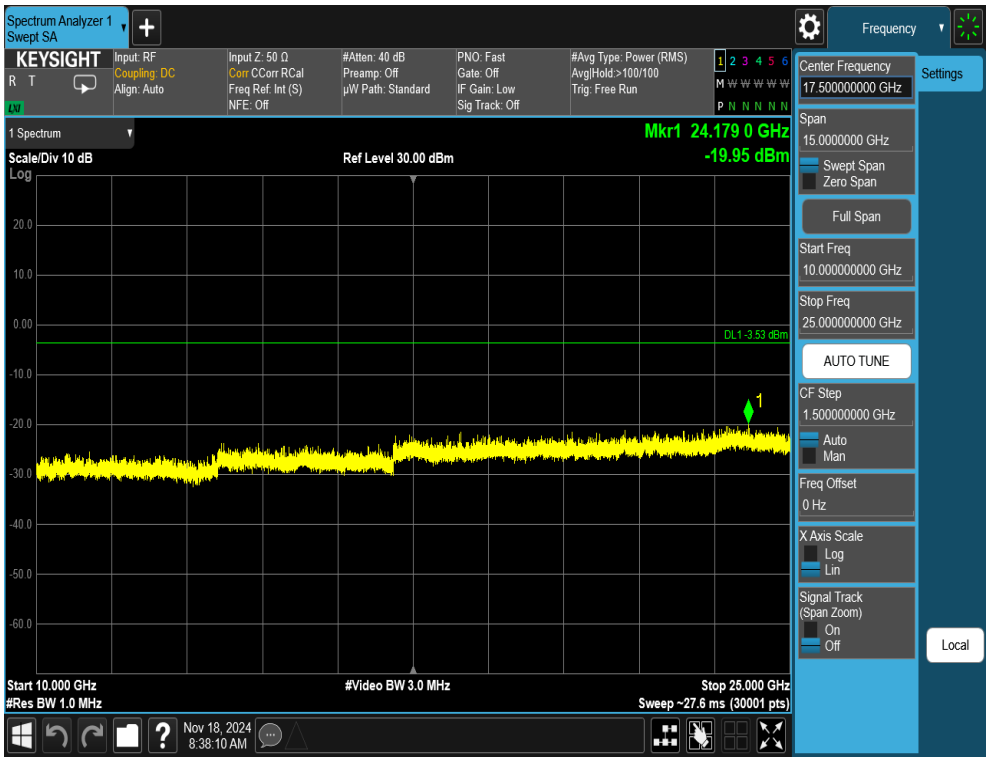
Plot 7-74. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU26 – Ch. 1)



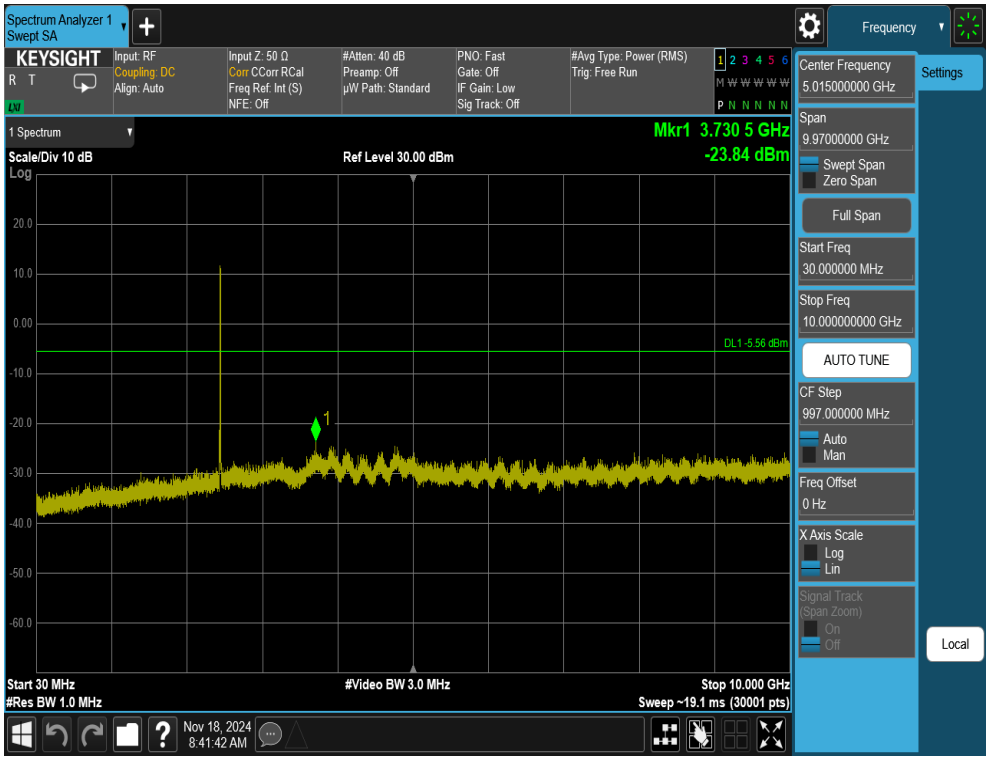
Plot 7-75. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU26 – Ch. 1)



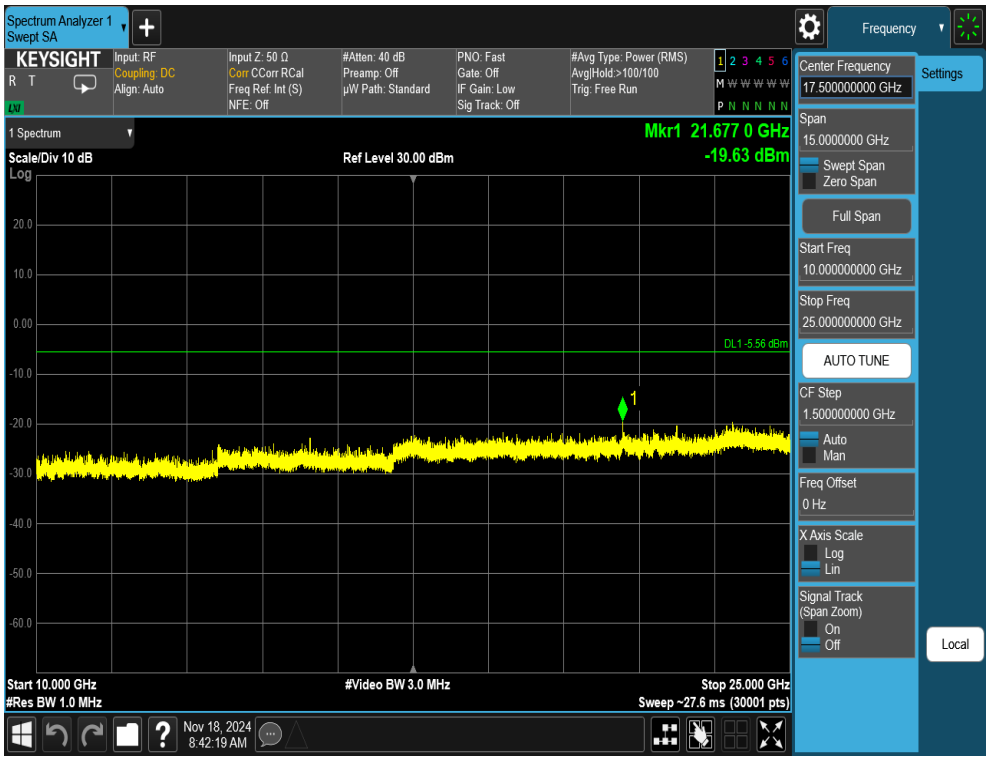
Plot 7-76. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU26 – Ch. 6)



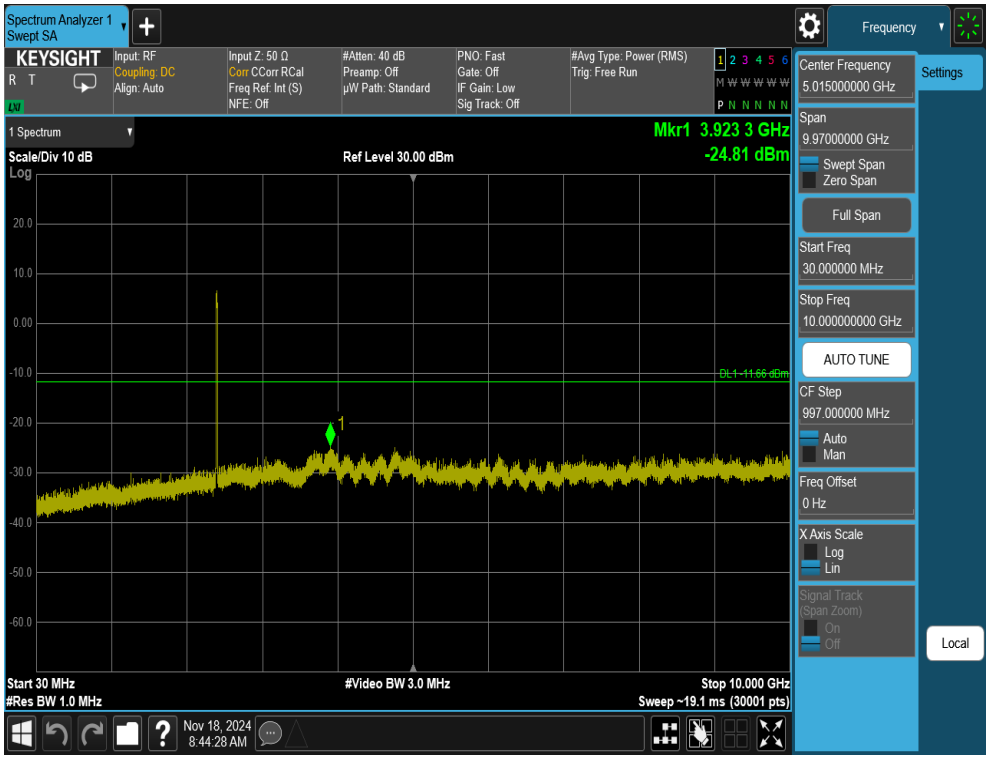
Plot 7-77. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU26 – Ch. 6)



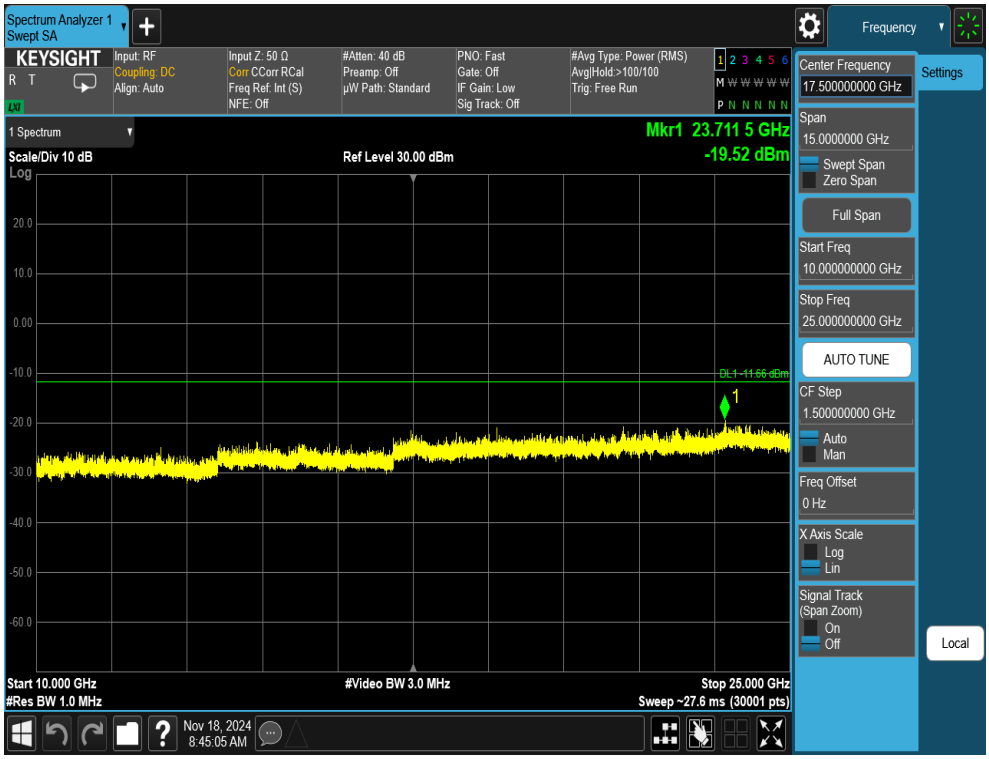
Plot 7-78. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU26 – Ch. 11)



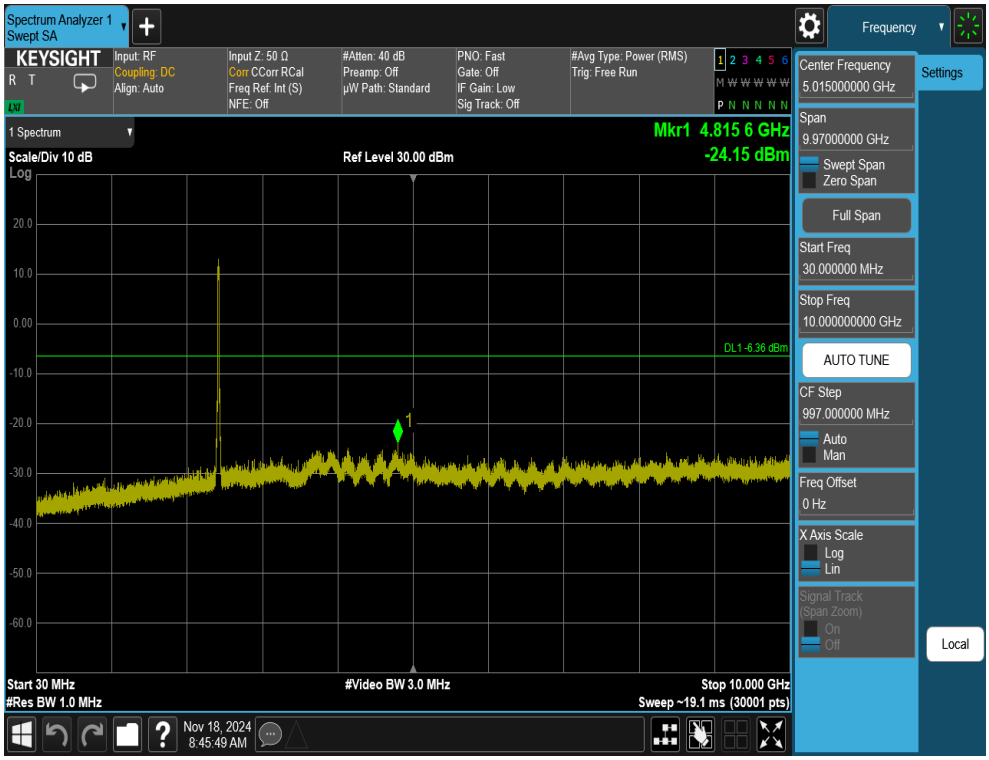
Plot 7-79. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU26 – Ch. 11)



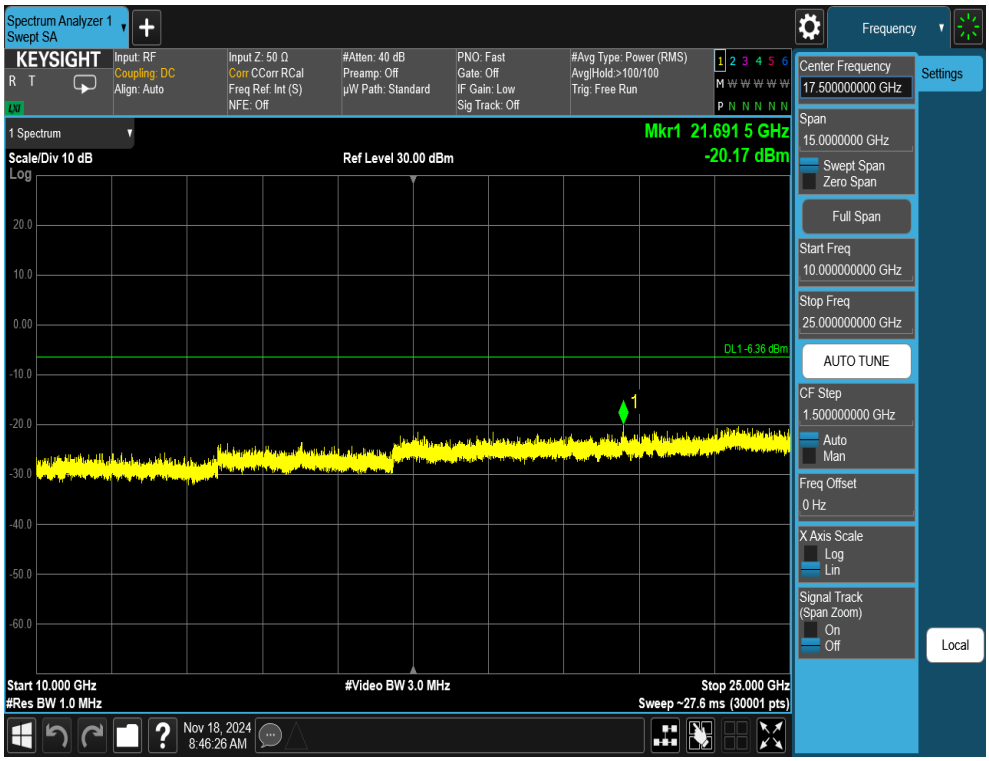
Plot 7-80. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU242 – Ch. 1)



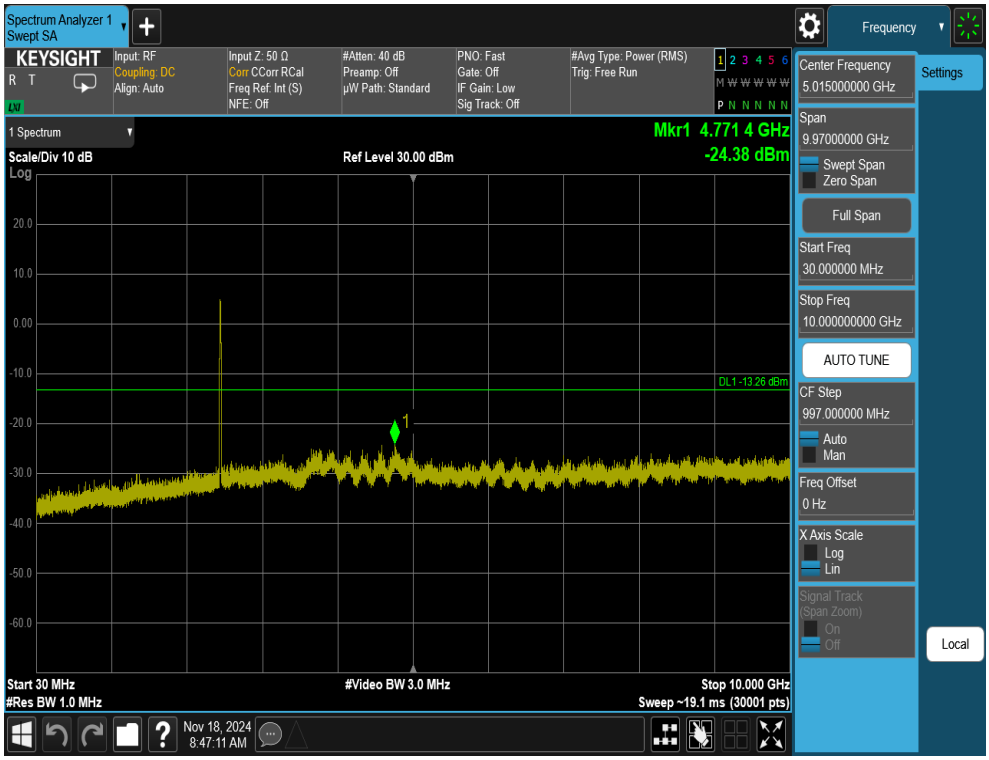
Plot 7-81. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU242 – Ch. 1)



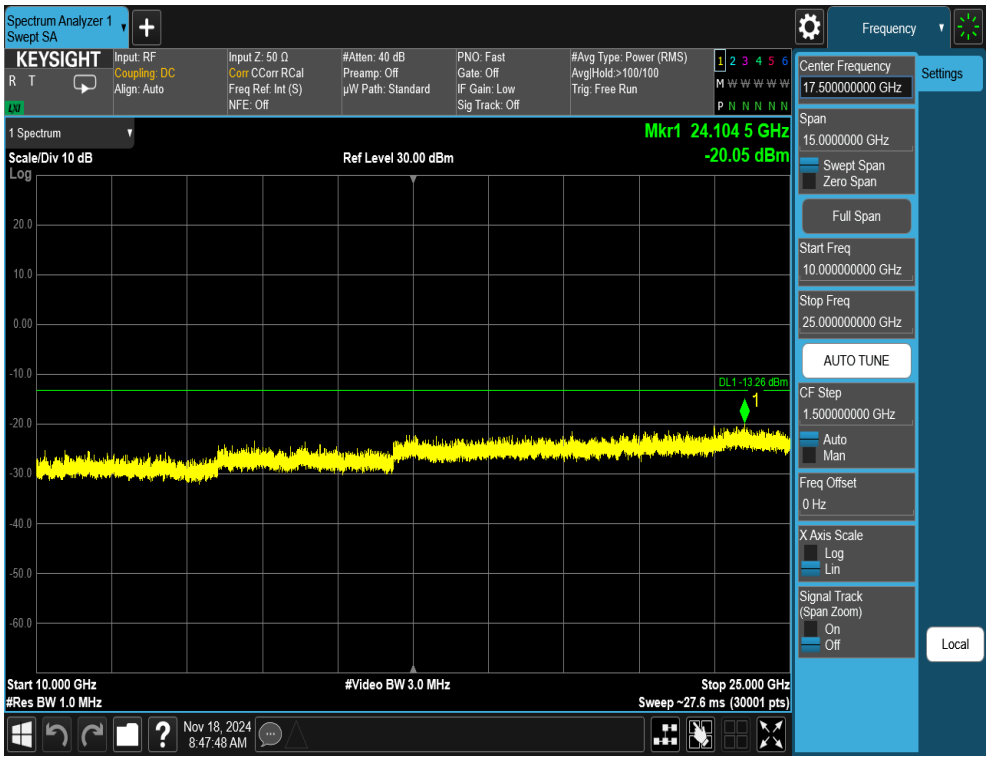
Plot 7-82. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU242 – Ch. 6)



Plot 7-83. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU242 – Ch. 6)

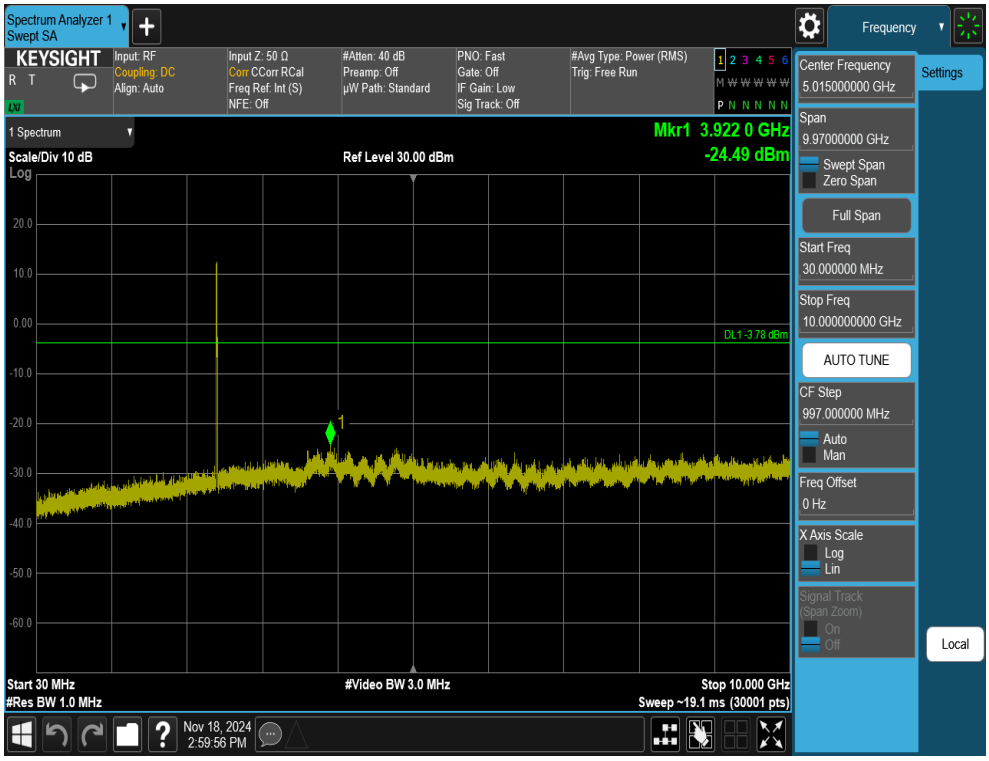


Plot 7-84. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU242 – Ch. 11)

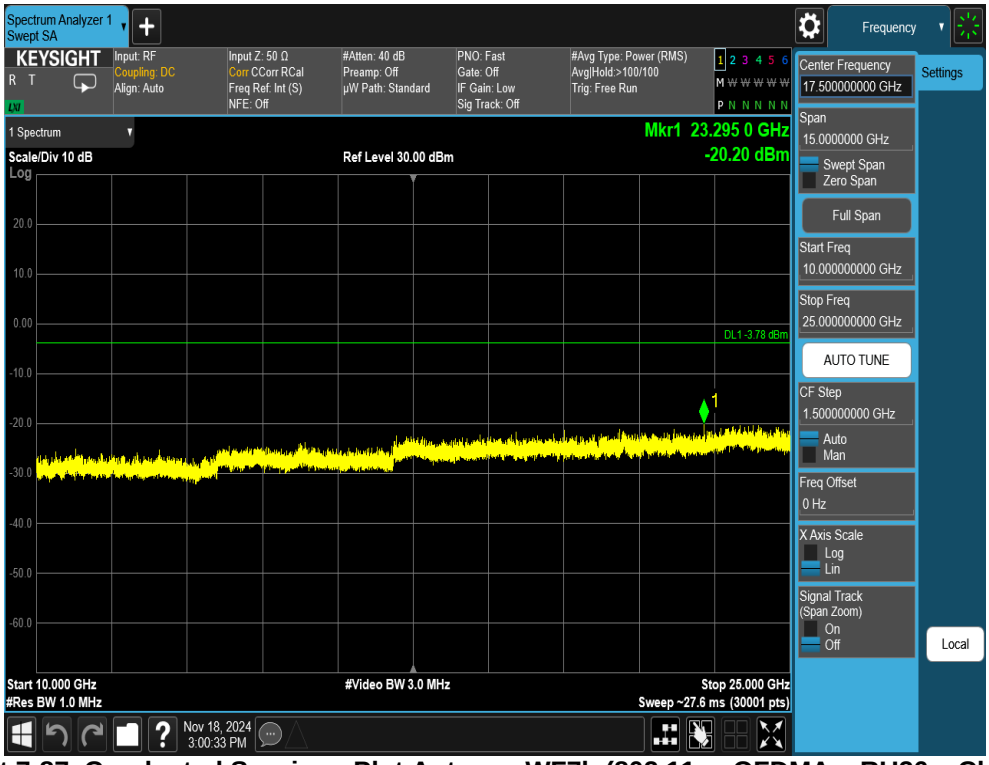


Plot 7-85. Conducted Spurious Plot Antenna WF8 (Common) (802.11ax OFDMA – RU242 – Ch. 11)

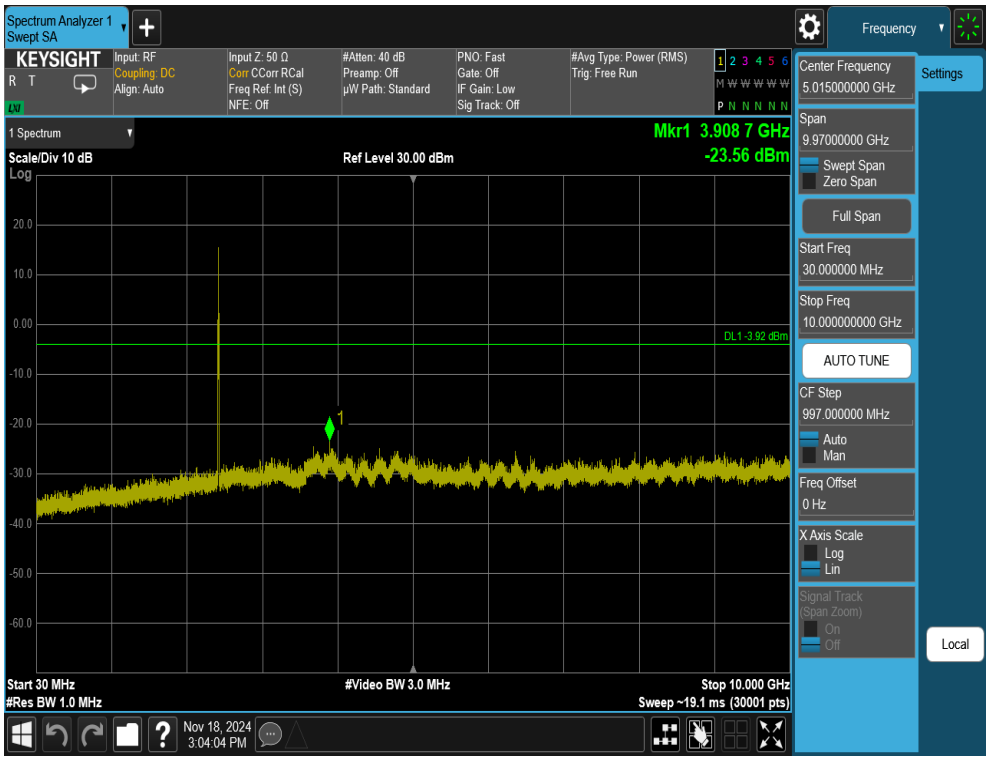
7.6.3 Antenna WF7b Conducted Spurious Emissions



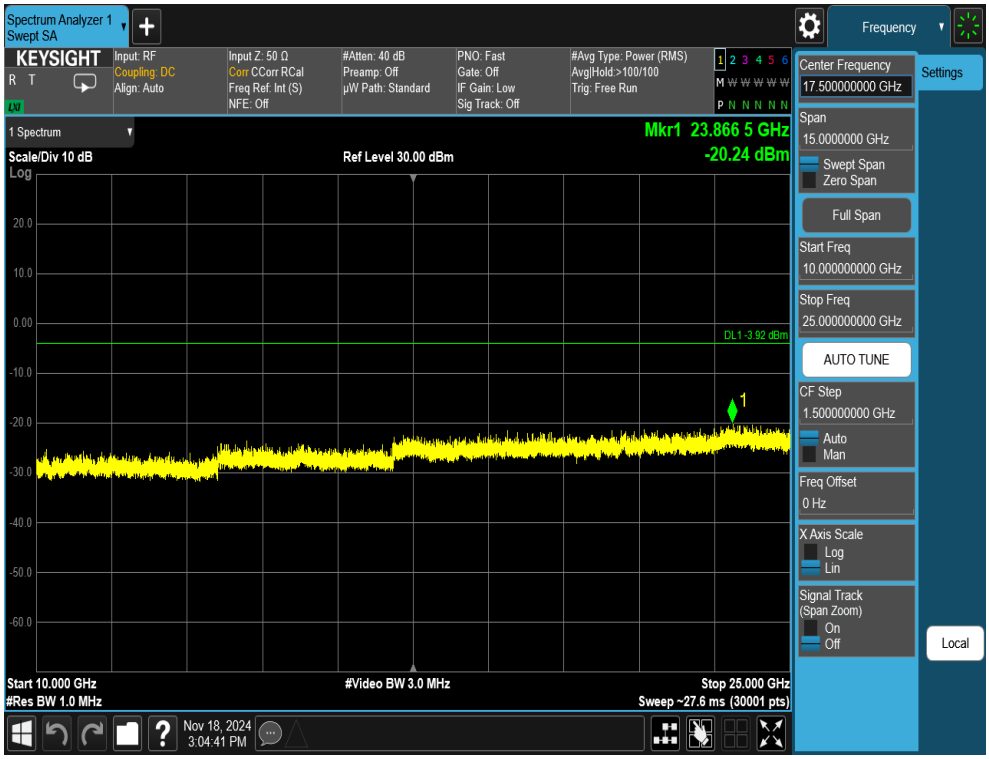
Plot 7-86. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU26 – Ch. 1)



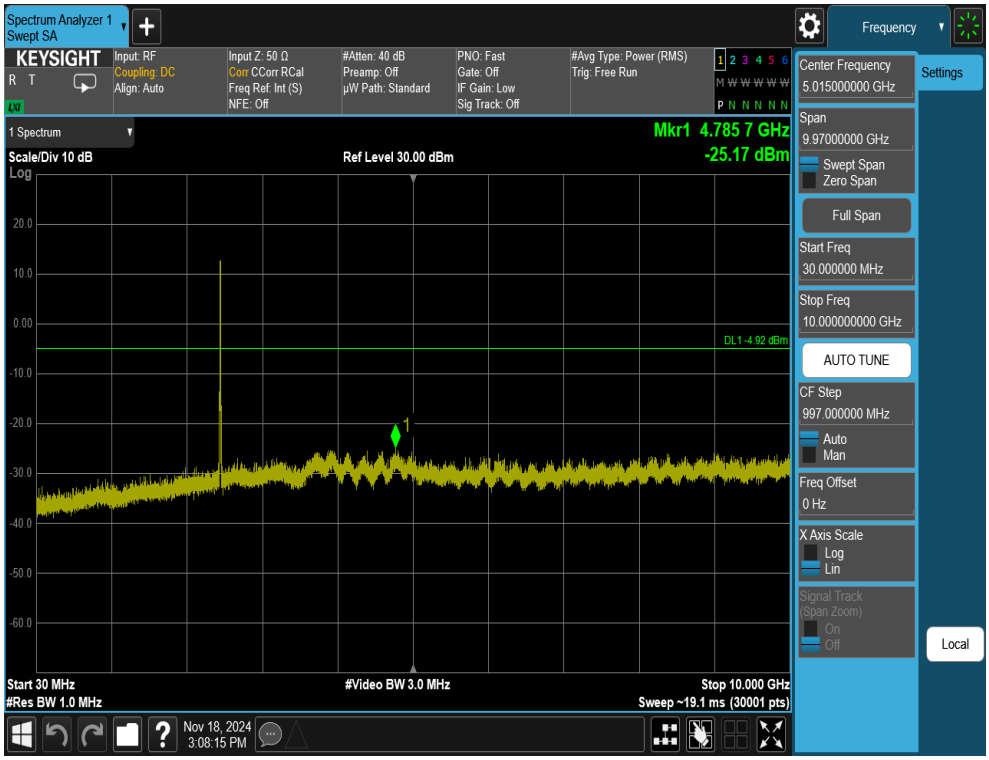
Plot 7-87. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU26 – Ch. 1)



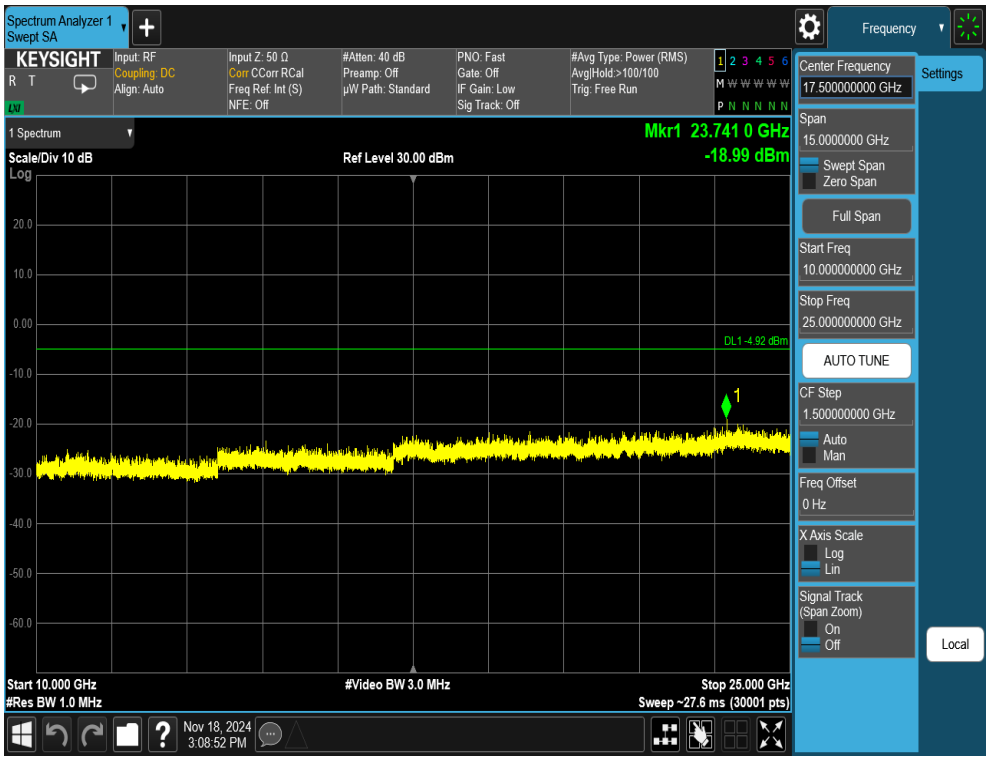
Plot 7-88. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU26 – Ch. 6)



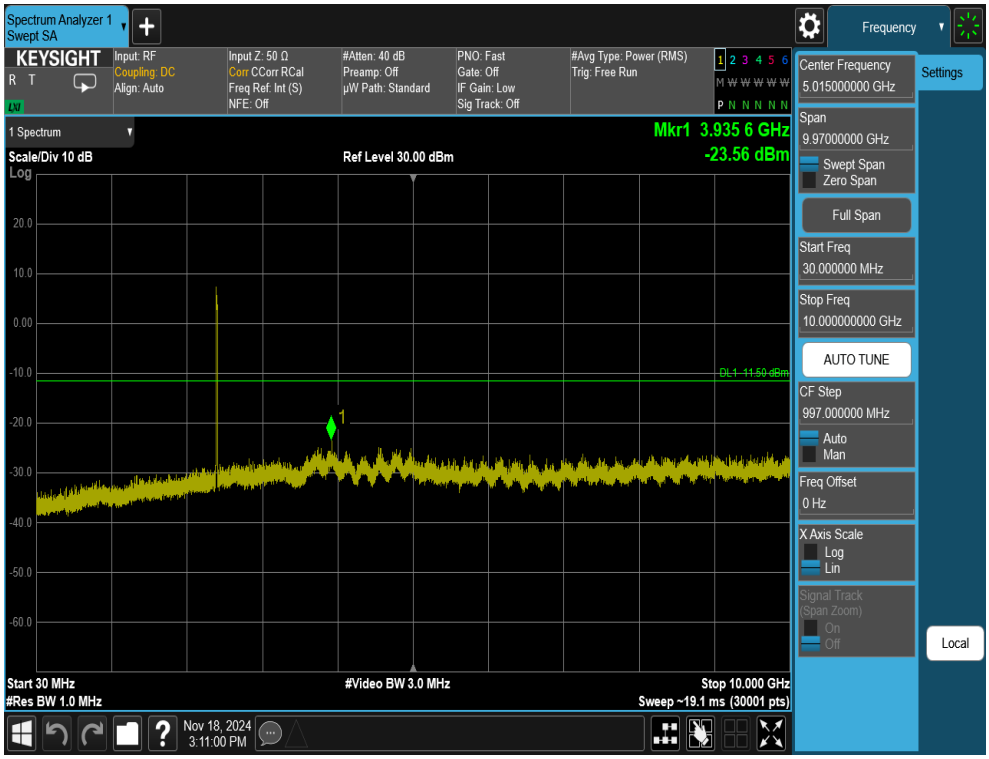
Plot 7-89. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU26 – Ch. 6)



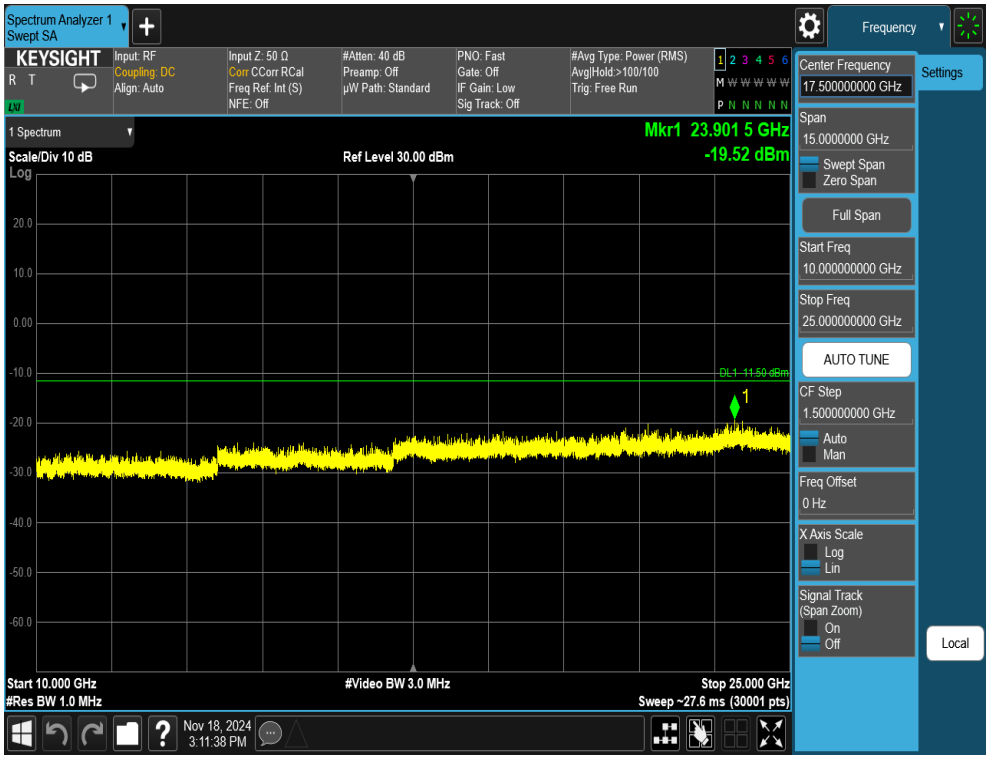
Plot 7-90. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU26 – Ch. 11)



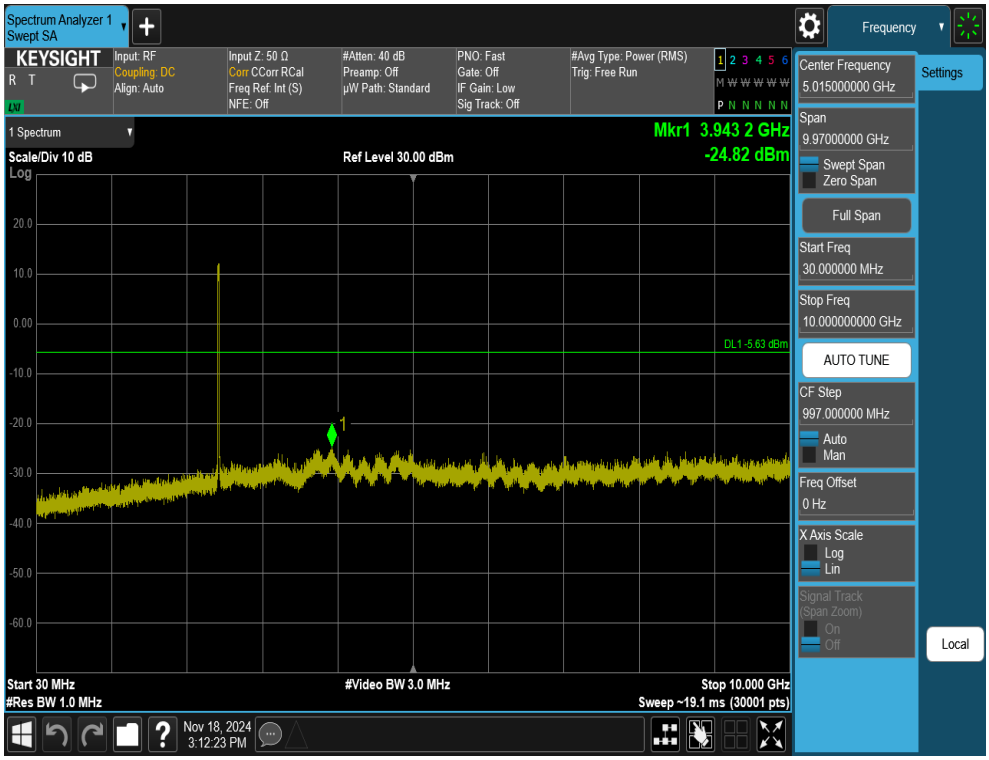
Plot 7-91. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU26 – Ch. 11)



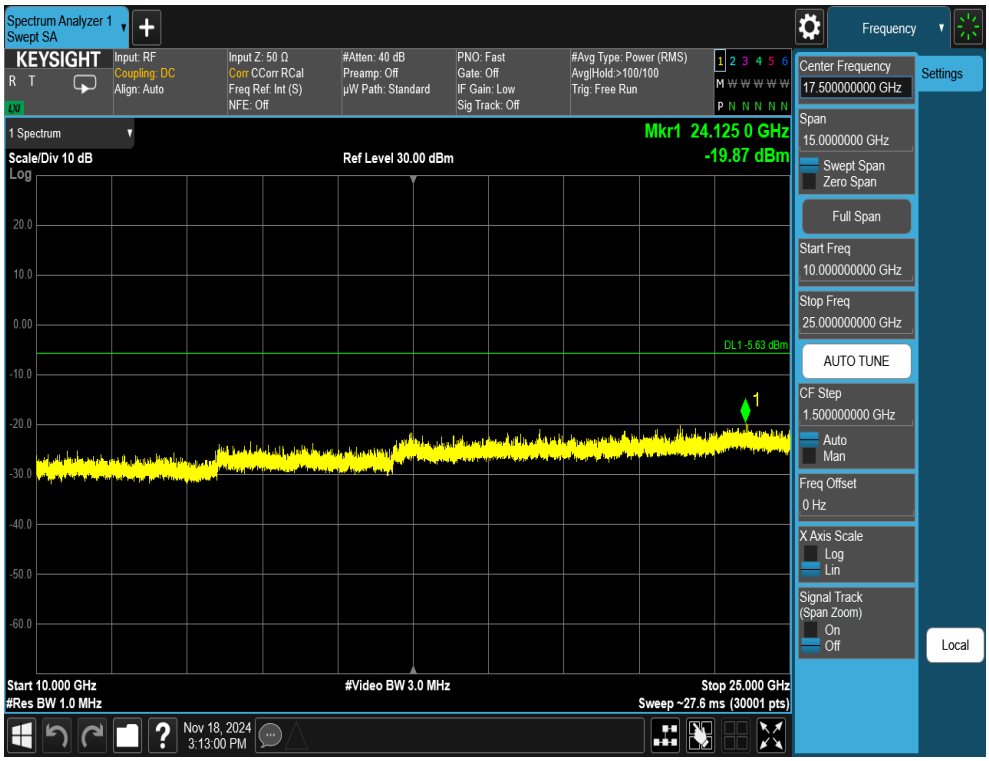
Plot 7-92. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU242 – Ch. 1)



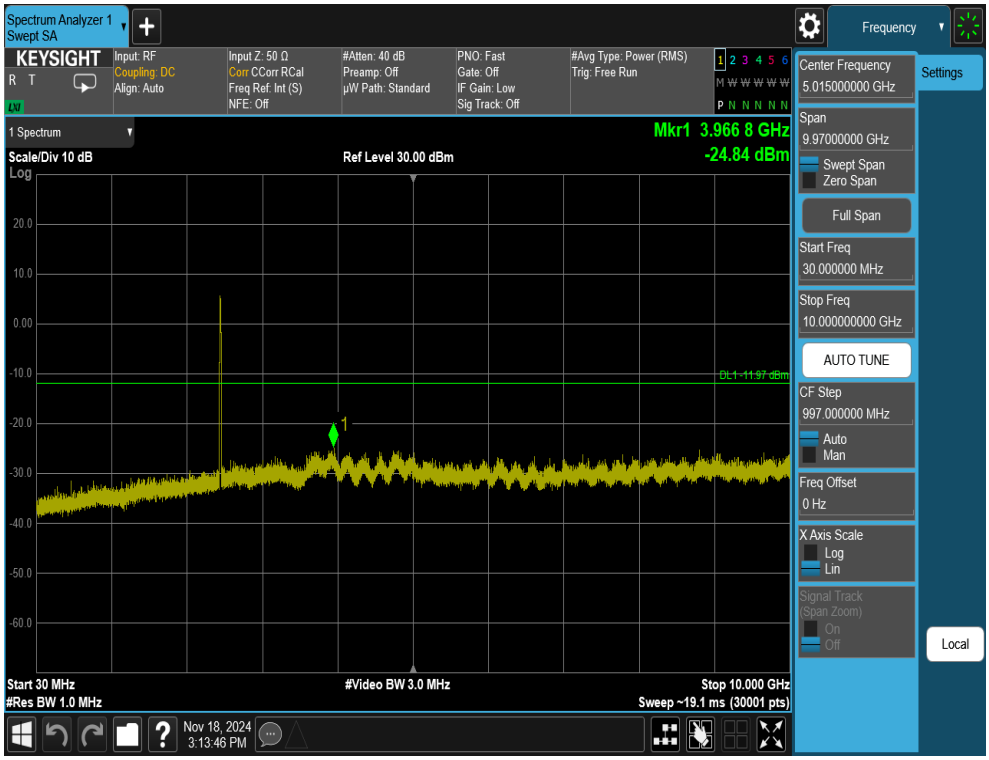
Plot 7-93. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU242 – Ch. 1)



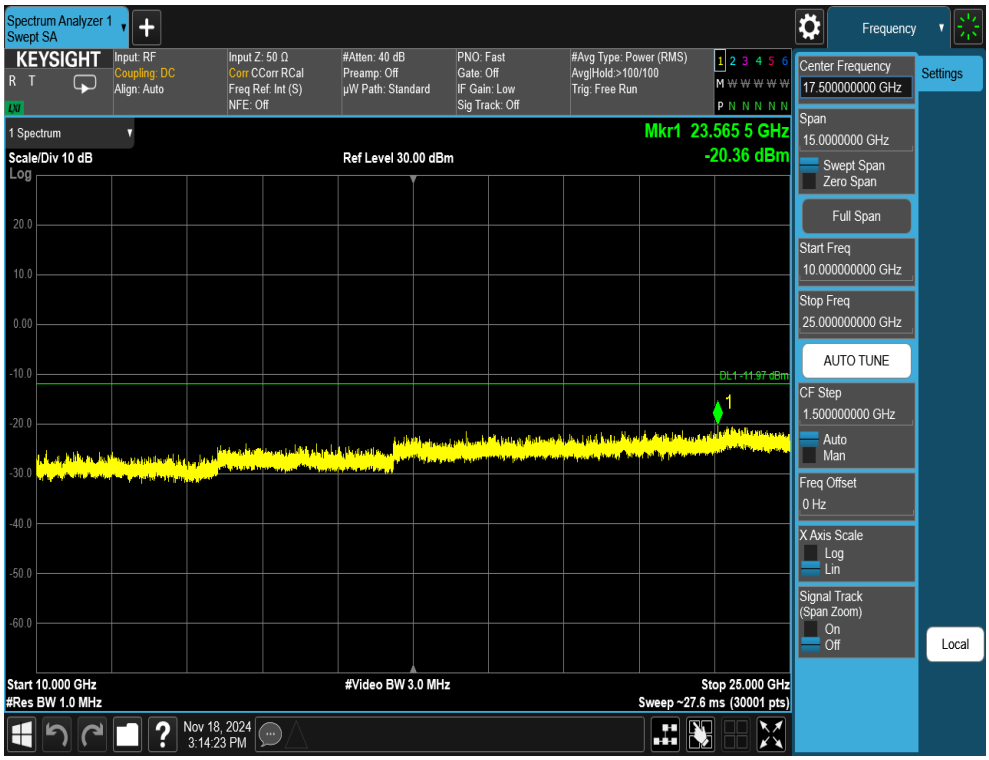
Plot 7-94. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU242 – Ch. 6)



Plot 7-95. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU242 – Ch. 6)



Plot 7-96. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU242 – Ch. 11)



Plot 7-97. Conducted Spurious Plot Antenna WF7b (802.11ax OFDMA – RU242 – Ch. 11)

7.7 Radiated Spurious Emissions – Above 1 GHz

§15.247(d) §15.205 & §15.209; 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 its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. 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 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-38 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [µV/m]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-38. Radiated Limits

Test Procedures Used

ANSI C63.10-2020 – Subclause 6.6.4.3
KDB 558074 D01 v05r02 – Sections 8.6, 8.7

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 = 3MHz
4. Detector = power average (RMS)
5. Number of Measurement points = 1001 (Number of points must be ≥ 2 x span/RBW)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Test Setup

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

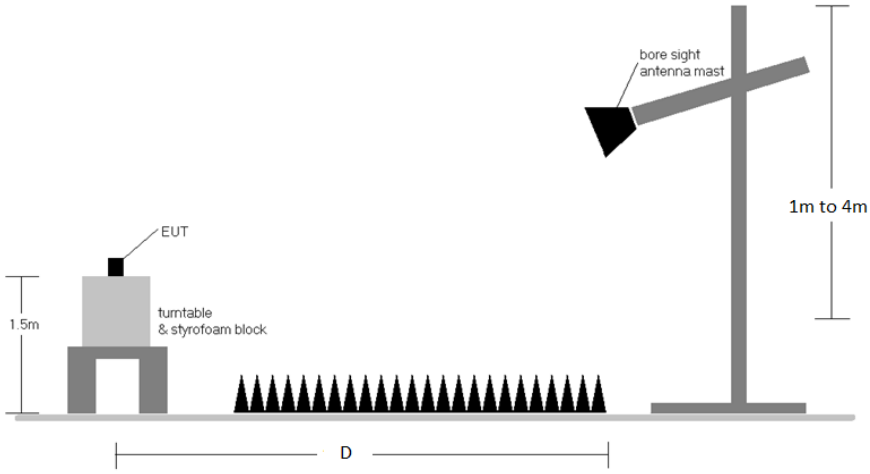


Figure 7-6. Radiated Measurement Setup

Test Notes

1. The optional test procedures for antenna port conducted measurements of unwanted emissions per the guidance of KDB 558074 D01 v05r02 were not used to evaluate this device for compliance to radiated limits. All Radiated Spurious Emissions levels were measured in a radiated test setup.
2. All emissions lying in restricted bands specified in Section 15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-38.
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.
6. D is the Measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. All antenna configurations and data rates were investigated and only the worst case is reported.
10. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level [dBµV/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB] – Preamplifier Gain [dB]
- Margin [dB] = Field Strength Level [dBµV/m] – Limit [dBµV/m]

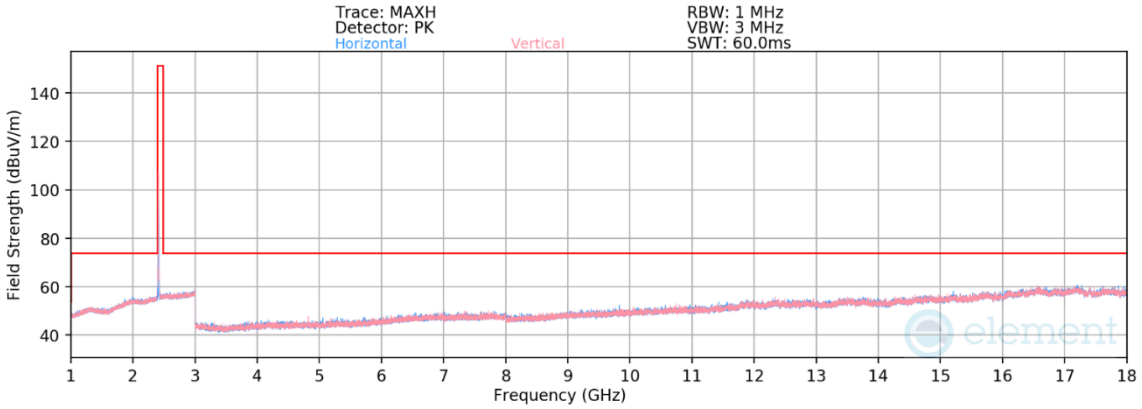
Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.3 to 7.7.7 was calculated using the formula:

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

7.7.1 CDD (Dedicated) Radiated Spurious Emission Measurements

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

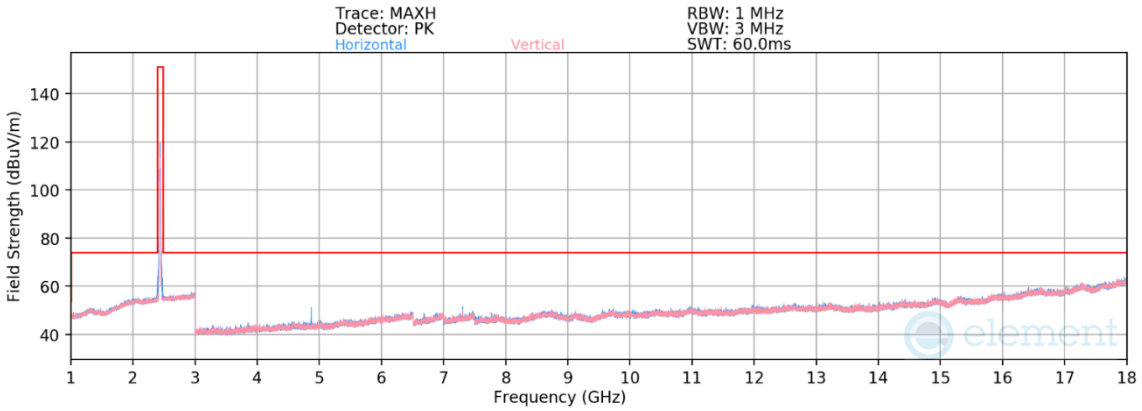


Plot 7-98. Radiated Spurious Emissions above 1GHz CDD (Dedicated) (802.11ax OFDMA – RU26 – Ch. 1)

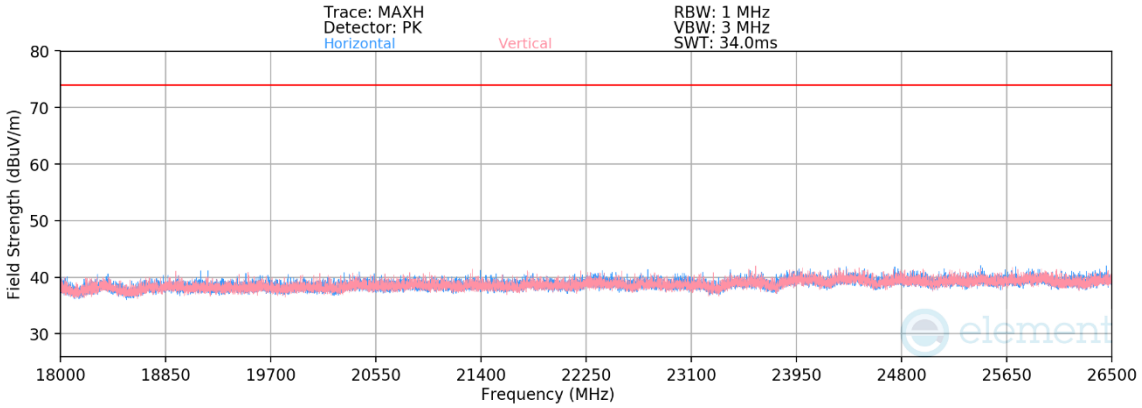
Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

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]
4824.00	Average	V	148	188	-73.77	7.47	40.70	53.98	-13.28
4824.00	Peak	V	148	188	-65.75	7.47	48.72	73.98	-25.26
12060.00	Average	H	-	-	-82.00	18.03	43.03	53.98	-10.95
12060.00	Peak	H	-	-	-70.37	18.03	54.66	73.98	-19.32

Table 7-39. Radiated Measurements CDD (Dedicated) (RU26)



Plot 7-99. Radiated Spurious Emissions above 1GHz CDD (Dedicated) (802.11ax OFDMA – RU26 – Ch. 6)

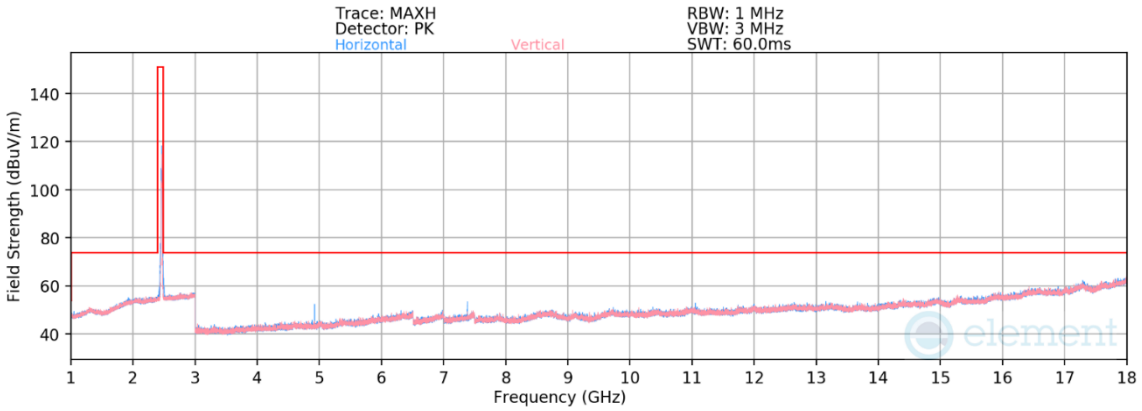


Plot 7-100. Radiated Spurious Emissions above 18GHz CDD (Dedicated) (802.11ax OFDMA – RU26 – Ch. 6)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

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]
4874.00	Average	V	186	176	-75.25	7.47	39.22	53.98	-14.76
4874.00	Peak	V	186	176	-66.80	7.47	47.67	73.98	-26.31
7311.00	Average	V	105	251	-74.32	10.53	43.21	53.98	-10.77
7311.00	Peak	V	105	251	-60.25	10.53	57.28	73.98	-16.70
12185.00	Average	H	-	-	-81.99	18.03	43.04	53.98	-10.94
12185.00	Peak	H	-	-	-70.98	18.03	54.05	73.98	-19.93

Table 7-40. Radiated Measurements CDD (Dedicated) (RU26)

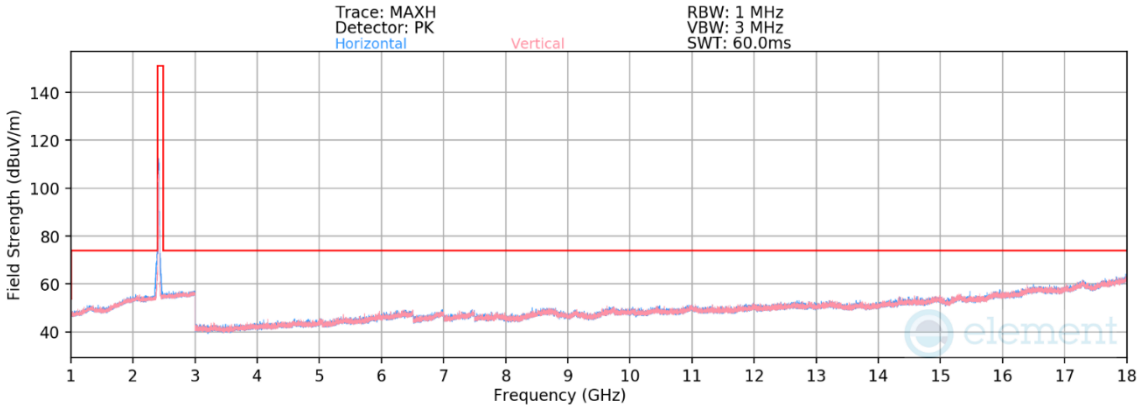


Plot 7-101. Radiated Spurious Emissions above 1GHz CDD (Dedicated) (802.11ax OFDMA – RU26 – Ch. 11)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

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]
4823.90	Average	V	312	193	-74.31	7.47	40.16	53.98	-13.82
4823.95	Peak	V	312	193	-65.91	7.47	48.56	73.98	-25.42
7386.00	Average	V	109	249	-74.56	10.53	42.97	53.98	-11.01
7386.00	Peak	V	109	249	-60.37	10.53	57.16	73.98	-16.82
12310.00	Average	H	-	-	-82.07	18.03	42.96	53.98	-11.02
12310.00	Peak	H	-	-	-70.83	18.03	54.20	73.98	-19.78

Table 7-41. Radiated Measurements CDD (Dedicated) (RU26)

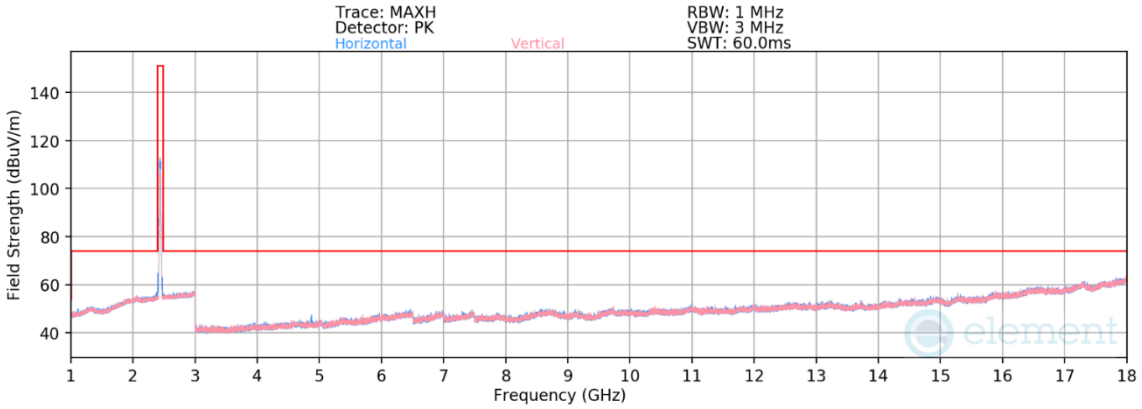


Plot 7-102. Radiated Spurious Emissions above 1GHz CDD (Dedicated) (802.11ax OFDMA – RU242 – Ch. 1)

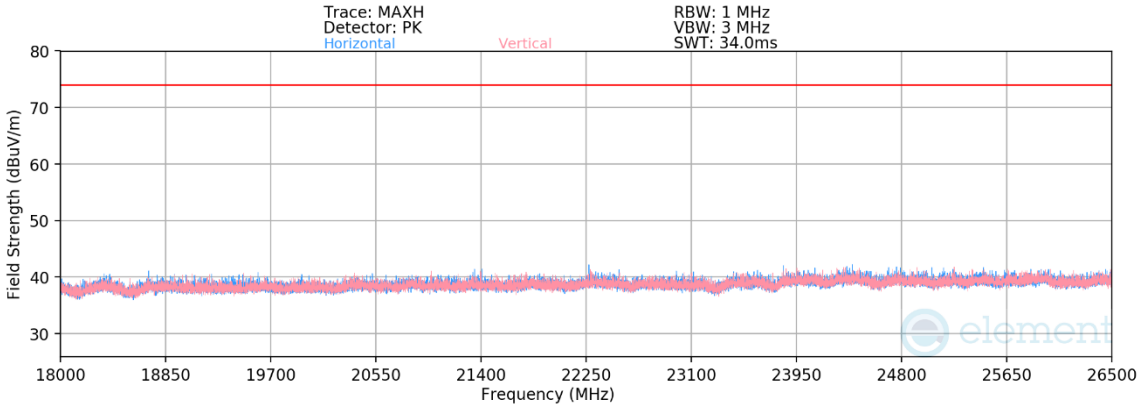
Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

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]
4824.00	Average	V	226	188	-74.09	7.47	40.38	53.98	-13.60
4824.00	Peak	V	226	188	-65.94	7.47	48.53	73.98	-25.45
12060.00	Average	V	-	-	-82.20	18.03	42.83	53.98	-11.15
12060.00	Peak	V	-	-	-70.44	18.03	54.59	73.98	-19.39

Table 7-42. Radiated Measurements CDD (Dedicated) (RU242)



Plot 7-103. Radiated Spurious Emissions above 1GHz CDD (Dedicated) (802.11ax OFDMA – RU242 – Ch. 6)

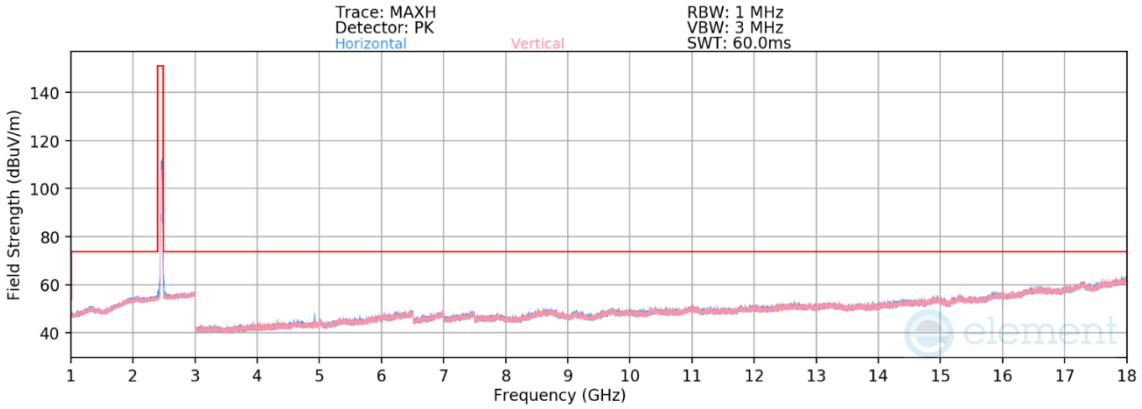


Plot 7-104. Radiated Spurious Emissions above 18GHz CDD (Dedicated) (802.11ax OFDMA – RU242 – Ch. 6)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

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]
4874.00	Average	V	250	174	-74.79	7.47	39.68	53.98	-14.30
4874.00	Peak	V	250	174	-66.20	7.47	48.27	73.98	-25.71
7311.00	Average	V	-	-	-80.15	10.58	37.43	53.98	-16.55
7311.00	Peak	V	-	-	-69.54	10.58	48.04	73.98	-25.94
12185.00	Average	V	-	-	-81.94	18.03	43.08	53.98	-10.90
12185.00	Peak	V	-	-	-69.90	18.03	55.13	73.98	-18.85

Table 7-43. Radiated Measurements CDD (Dedicated) (RU242)



Plot 7-105. Radiated Spurious Emissions above 1GHz CDD (Dedicated) (802.11ax OFDMA – RU242 – Ch. 11)

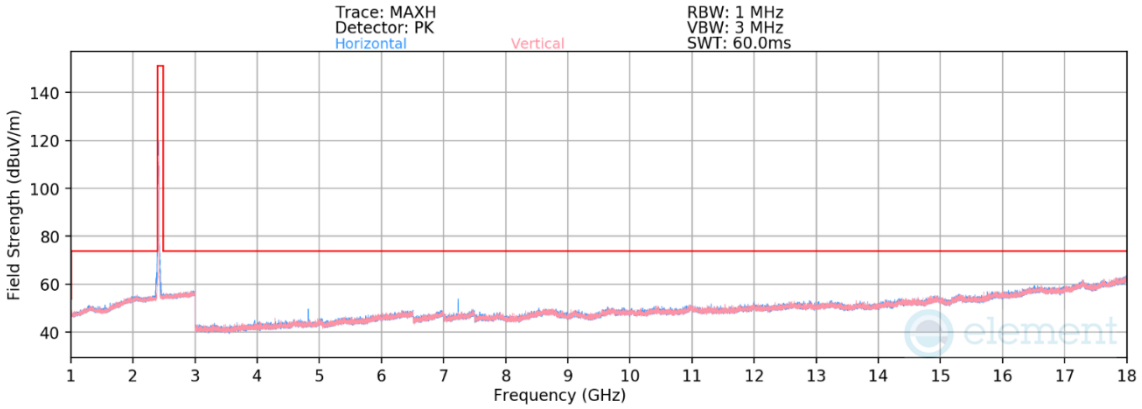
Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

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]
4924.00	Average	V	103	192	-73.27	7.47	41.20	53.98	-12.78
4924.00	Peak	V	103	192	-65.60	7.47	48.87	73.98	-25.11
7386.00	Average	V	-	-	-80.04	10.53	37.49	53.98	-16.49
7386.00	Peak	V	-	-	-68.35	10.53	49.18	73.98	-24.80
12310.00	Average	V	-	-	-82.05	18.03	42.98	53.98	-11.00
12310.00	Peak	V	-	-	-70.35	18.03	54.68	73.98	-19.30

Table 7-44. Radiated Measurements CDD (Dedicated) (RU242)

7.7.2 CDD (Common) Radiated Spurious Emission Measurements

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

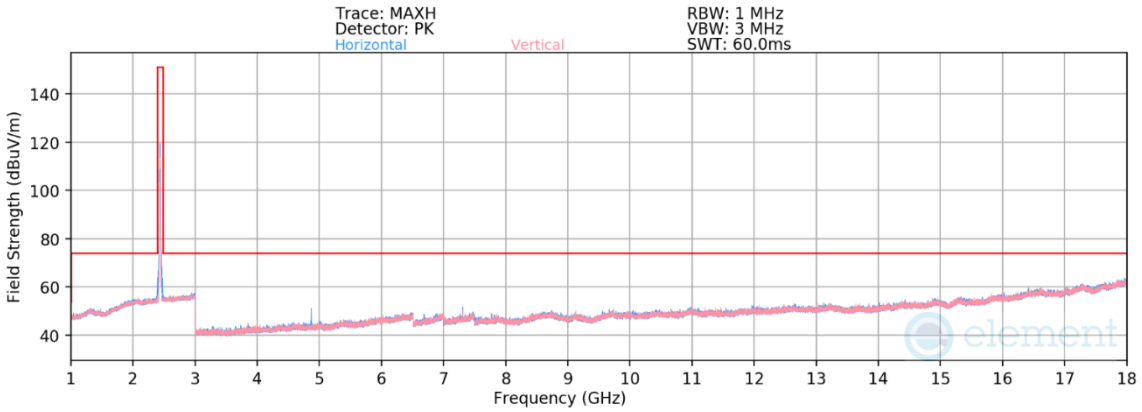


Plot 7-106. Radiated Spurious Emissions above 1GHz CDD (Common) (802.11ax OFDMA – RU26 – Ch. 1)

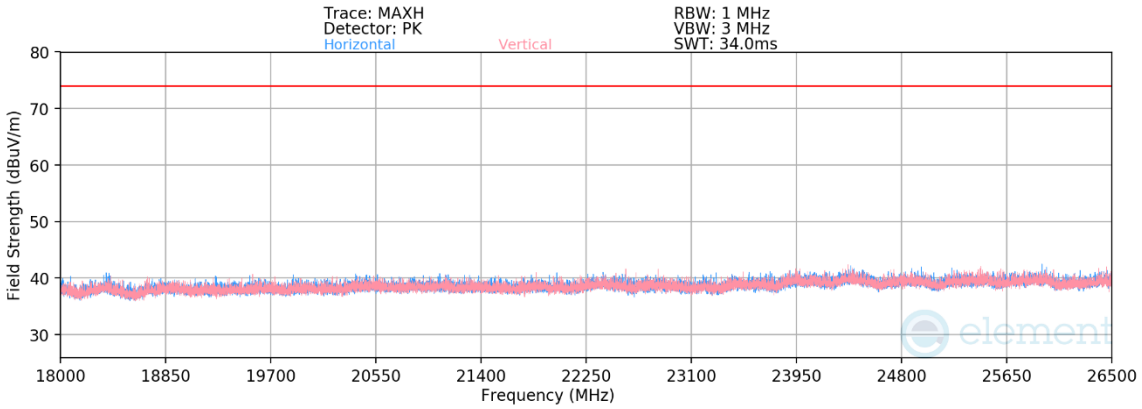
Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

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]
4824.00	Average	H	236	245	-69.98	5.35	42.37	53.98	-11.61
4824.00	Peak	H	236	245	-60.05	5.35	52.30	73.98	-21.68
12060.00	Average	V	-	-	-81.04	15.11	41.07	53.98	-12.91
12060.00	Peak	V	-	-	-70.57	15.11	51.54	73.98	-22.44

Table 7-45. Radiated Measurements CDD (Common) (RU26)



Plot 7-107. Radiated Spurious Emissions above 1GHz CDD (Common) (802.11ax OFDMA – RU26 – Ch. 6)

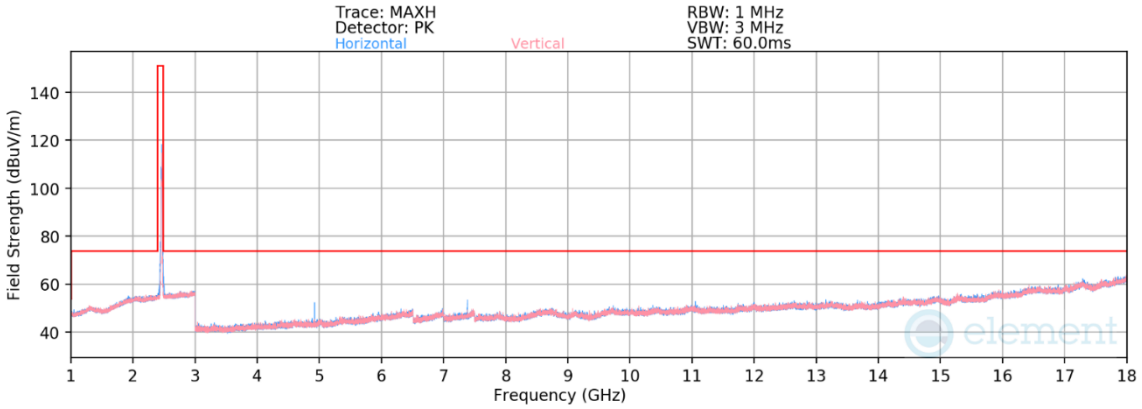


Plot 7-108. Radiated Spurious Emissions above 18GHz CDD (Common) (802.11ax OFDMA – RU26 – Ch. 6)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

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]
4874.00	Average	H	268	244	-67.44	5.32	44.88	53.98	-9.10
4874.00	Peak	H	268	244	-57.81	5.32	54.51	73.98	-19.47
7311.00	Average	H	101	250	-74.51	9.82	42.31	53.98	-11.67
7311.00	Peak	H	101	250	-60.07	9.82	56.75	73.98	-17.23
12185.00	Average	H	-	-	-81.25	15.01	40.76	53.98	-13.22
12185.00	Peak	H	-	-	-70.52	15.01	51.49	73.98	-22.49

Table 7-46. Radiated Measurements CDD (Common) (RU26)

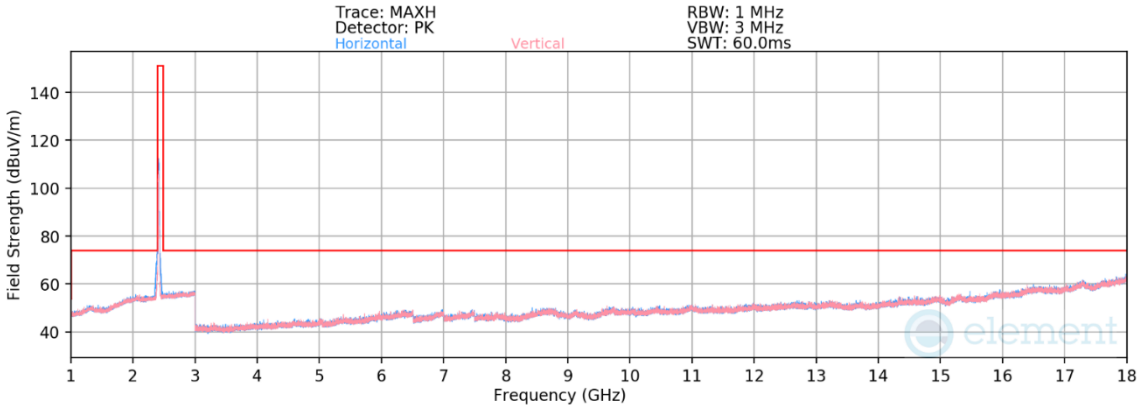


Plot 7-109. Radiated Spurious Emissions above 1GHz CDD (Common) (802.11ax OFDMA – RU26 – Ch. 11)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

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]
4924.00	Average	H	253	243	-65.90	5.26	46.36	53.98	-7.62
4924.00	Peak	H	253	243	-56.48	5.26	55.78	73.98	-18.20
7386.00	Average	H	111	253	-74.38	9.56	42.18	53.98	-11.80
7386.00	Peak	H	111	253	-60.27	9.56	56.29	73.98	-17.69
12310.00	Average	H	-	-	-82.35	15.60	40.25	53.98	-13.73
12310.00	Peak	H	-	-	-71.12	15.60	51.48	73.98	-22.50

Table 7-47. Radiated Measurements CDD (Common) (RU26)

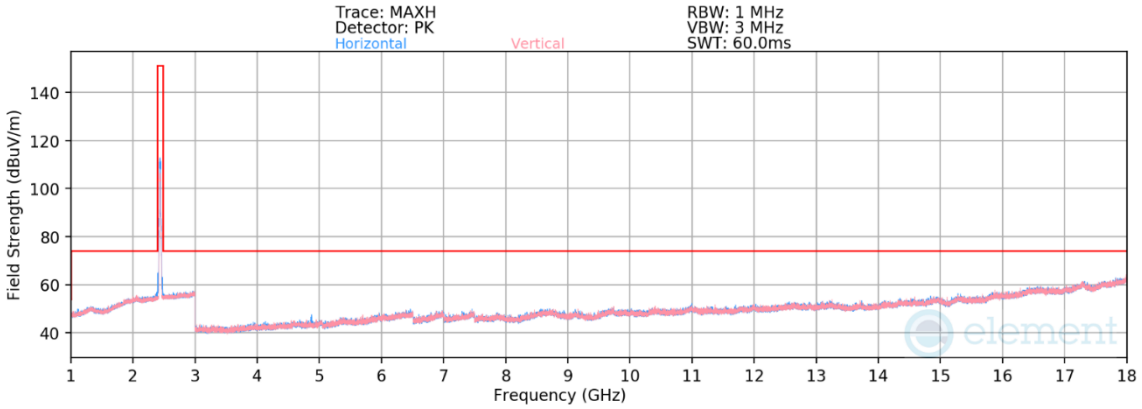


Plot 7-110. Radiated Spurious Emissions above 1GHz CDD (Common) (802.11ax OFDMA – RU242 – Ch. 1)

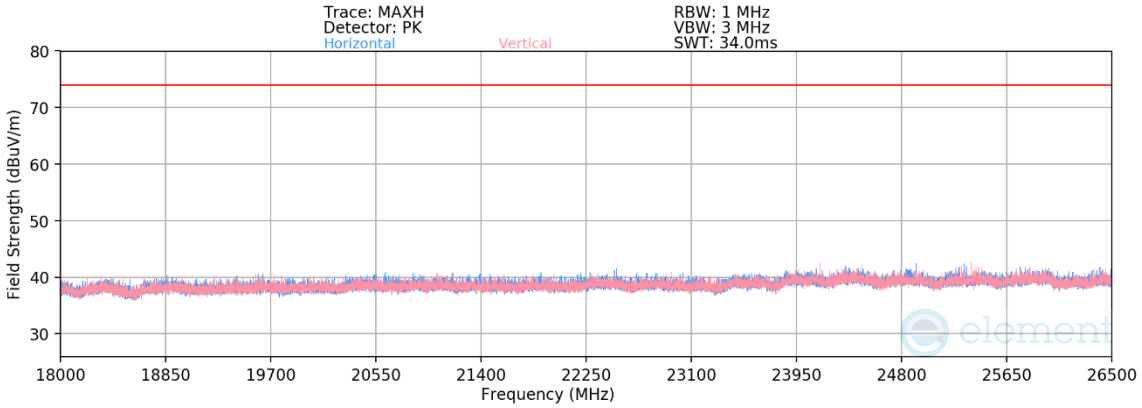
Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

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]
4824.00	Average	H	243	246	-75.67	5.35	36.68	53.98	-17.30
4824.00	Peak	H	243	246	-64.35	5.35	48.00	73.98	-25.98
12060.00	Average	H	-	-	-81.04	14.68	40.63	53.98	-13.35
12060.00	Peak	H	-	-	-70.79	14.68	50.88	73.98	-23.10

Table 7-48. Radiated Measurements CDD (Common) (RU242)



Plot 7-111. Radiated Spurious Emissions above 1GHz CDD (Common) (802.11ax OFDMA – RU242 – Ch. 6)

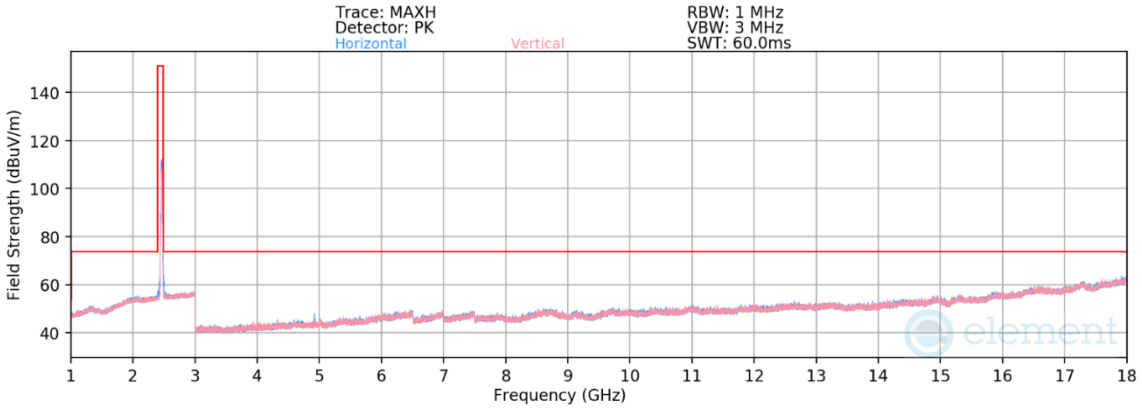


Plot 7-112. Radiated Spurious Emissions above 1GHz CDD (Common) (802.11ax OFDMA – RU242 – Ch. 6)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

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]
4874.00	Average	H	254	248	-74.49	5.32	37.83	53.98	-16.15
4874.00	Peak	H	254	248	-62.52	5.32	49.80	73.98	-24.18
7311.00	Average	H	-	-	-80.27	9.78	36.51	53.98	-17.47
7311.00	Peak	H	-	-	-68.67	9.78	48.12	73.98	-25.86
12185.00	Average	V	-	-	-81.38	15.01	40.64	53.98	-13.34
12185.00	Peak	V	-	-	-70.31	15.01	51.70	73.98	-22.28

Table 7-49. Radiated Measurements CDD (Common) (RU242)



Plot 7-113. Radiated Spurious Emissions above 1GHz CDD (Common) (802.11ax OFDMA – RU242 – Ch. 11)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

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]
4924.00	Average	H	271	245	-73.65	5.26	38.61	53.98	-15.37
4924.00	Peak	H	271	245	-62.43	5.26	49.83	73.98	-24.15
7386.00	Average	H	-	-	-79.98	9.54	36.56	53.98	-17.42
7386.00	Peak	H	-	-	-68.20	9.54	48.34	73.98	-25.64
12310.00	Average	H	-	-	-82.16	15.60	40.44	53.98	-13.54
12310.00	Peak	H	-	-	-70.90	15.60	51.71	73.98	-22.27

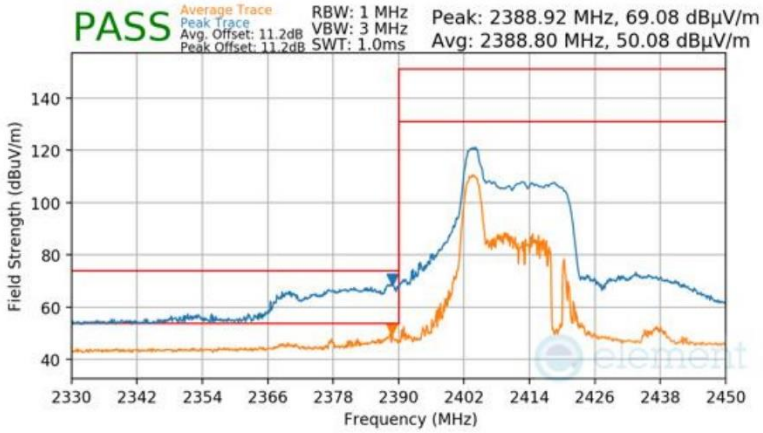
Table 7-50. Radiated Measurements CDD (Common) (RU242)

7.7.3 Antenna WF8 (Dedicated) Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

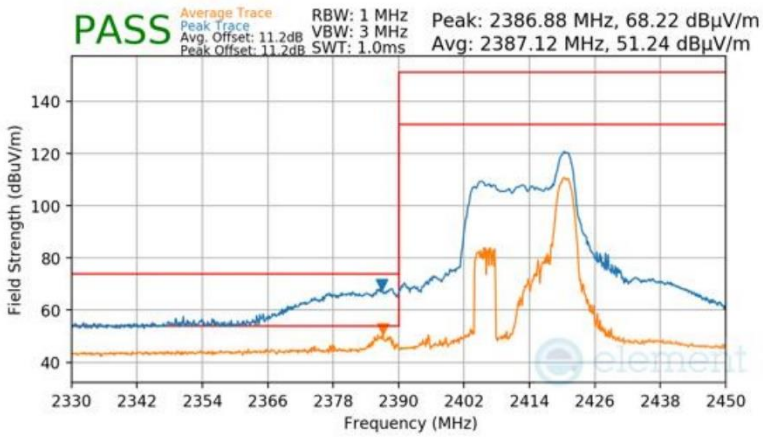
RU26

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	0
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1



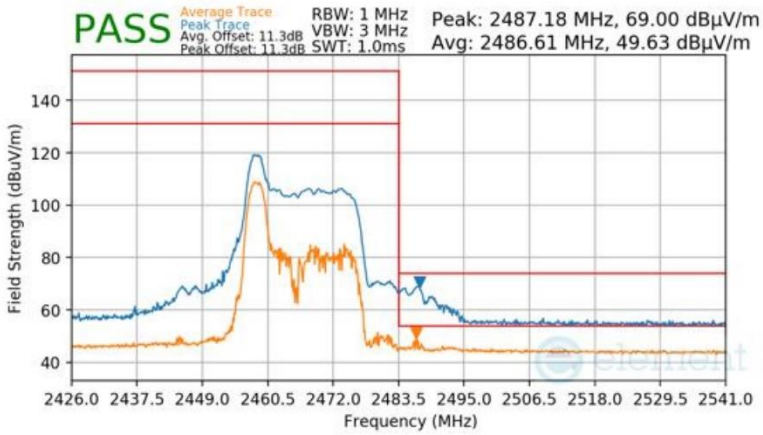
Plot 7-114 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU26)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1



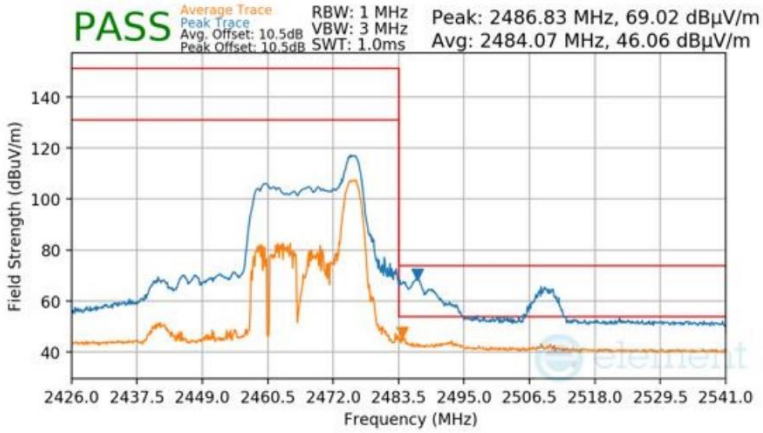
Plot 7-115 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU26)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	0
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-116 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU26)

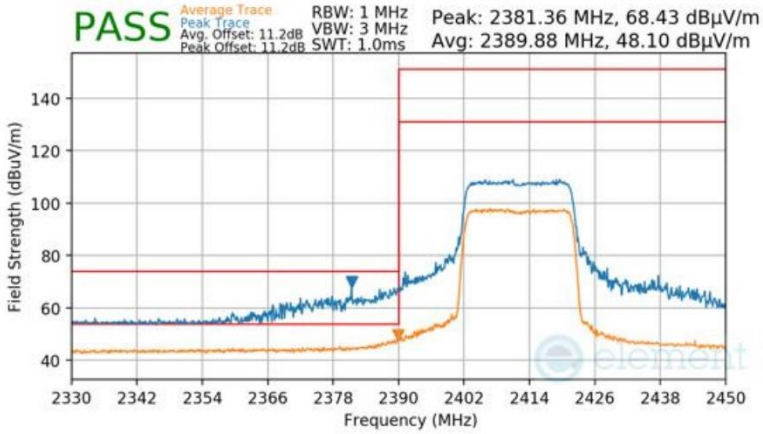
Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-117 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU26)

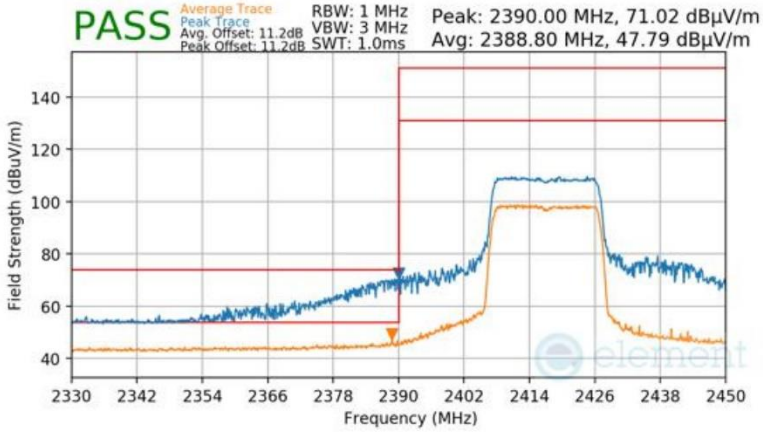
RU242

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1



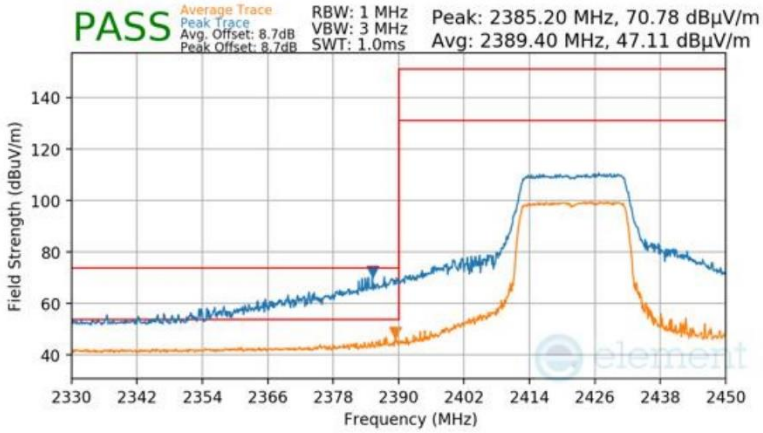
Plot 7-118 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2417MHz
Channel:	2



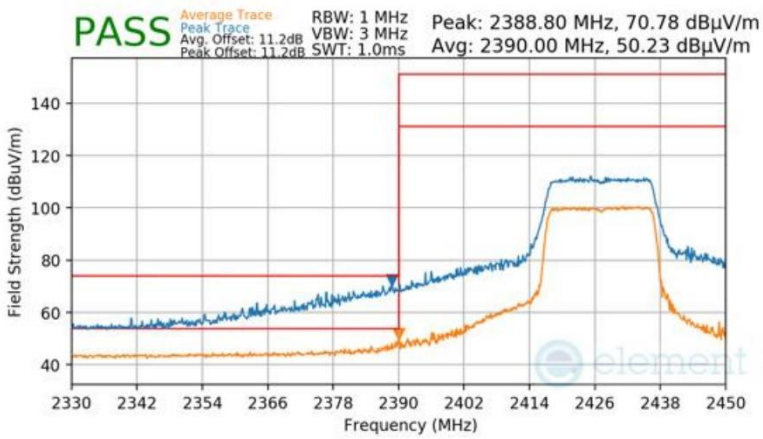
Plot 7-119 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2422MHz
Channel:	3



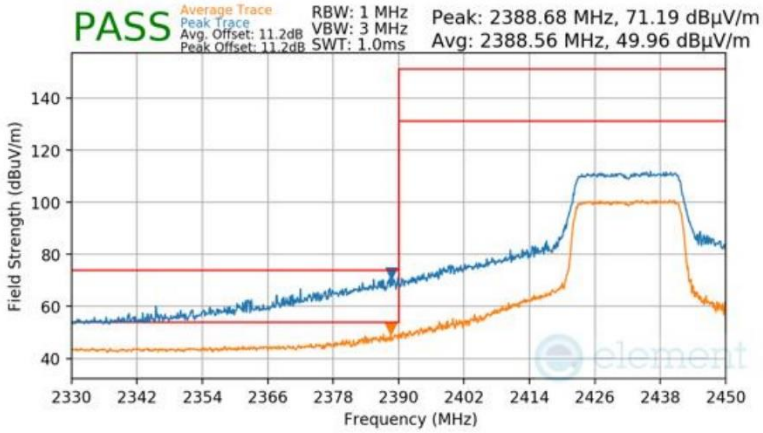
Plot 7-120 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2427MHz
Channel:	4



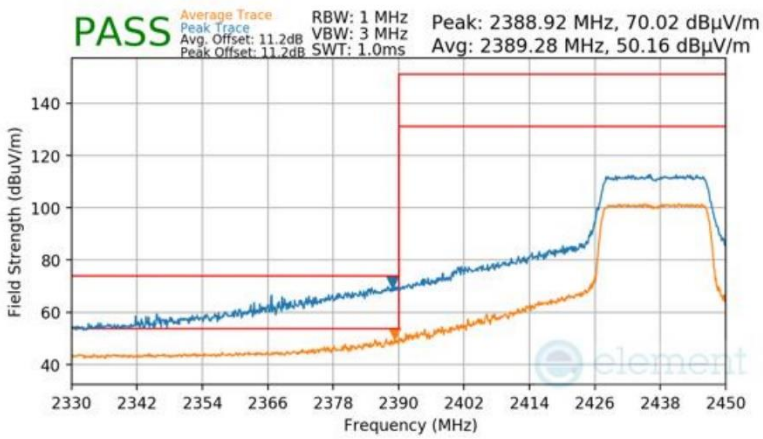
Plot 7-121 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2432MHz
Channel:	5



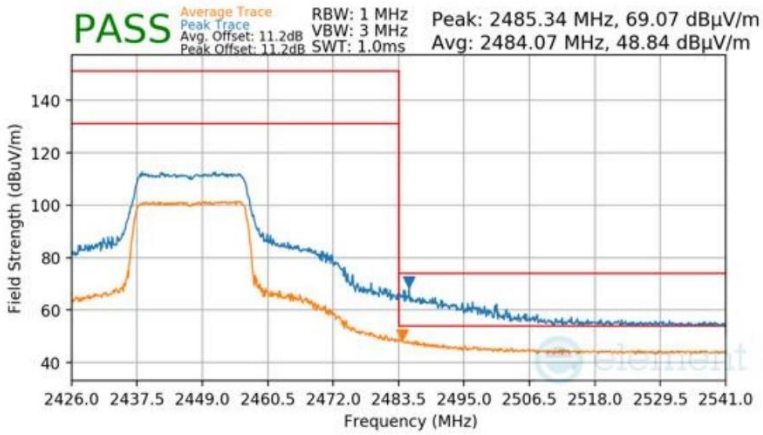
Plot 7-122 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	6



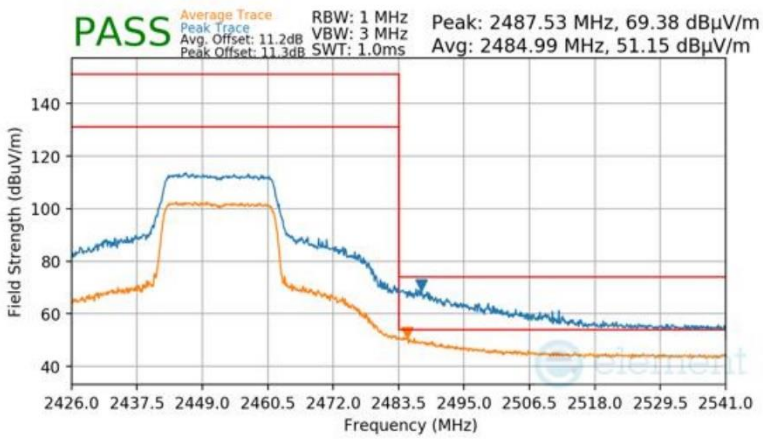
Plot 7-123 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2447MHz
Channel:	8



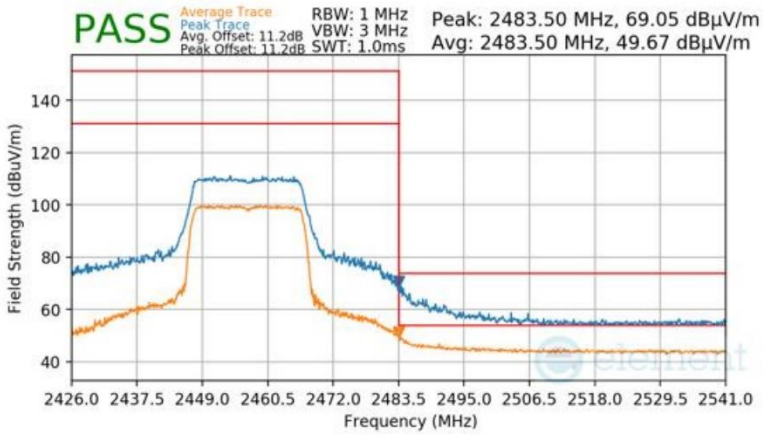
Plot 7-124 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2452MHz
Channel:	9



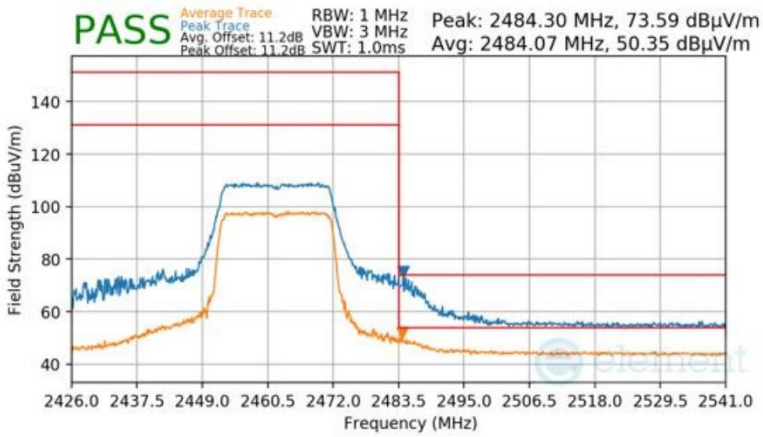
Plot 7-125 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2457MHz
Channel:	10



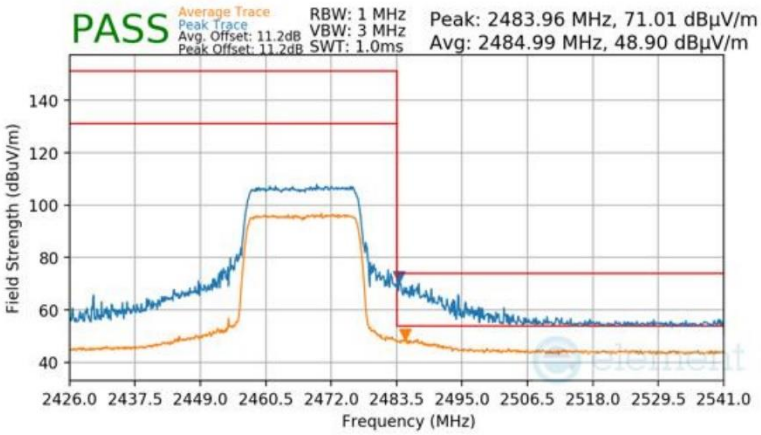
Plot 7-126 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11



Plot 7-127 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



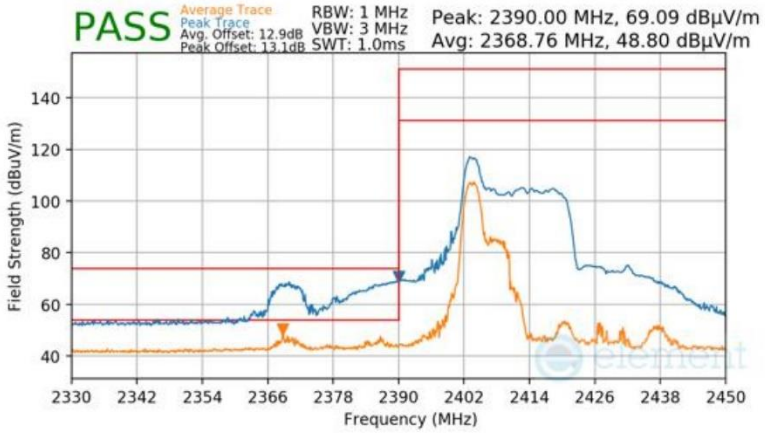
Plot 7-128 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Dedicated) (Peak & Average – RU242)

7.7.4 Antenna WF8 (Common) Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

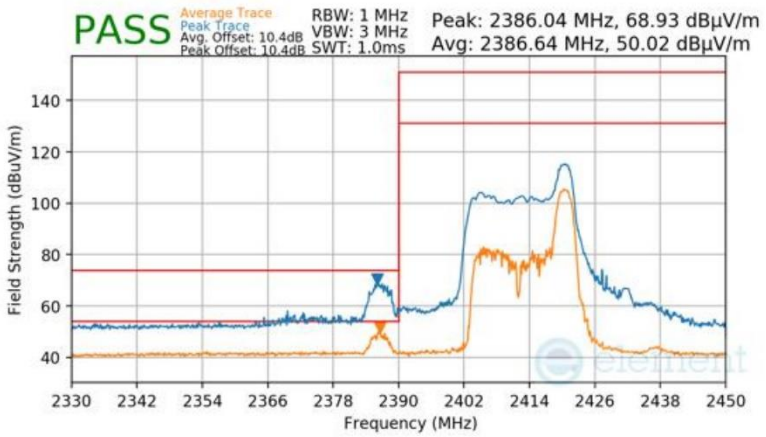
RU26

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	0
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1



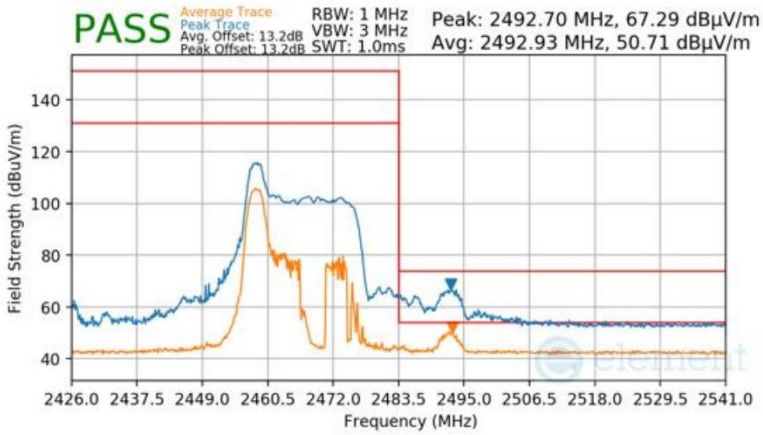
Plot 7-129 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU26)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1



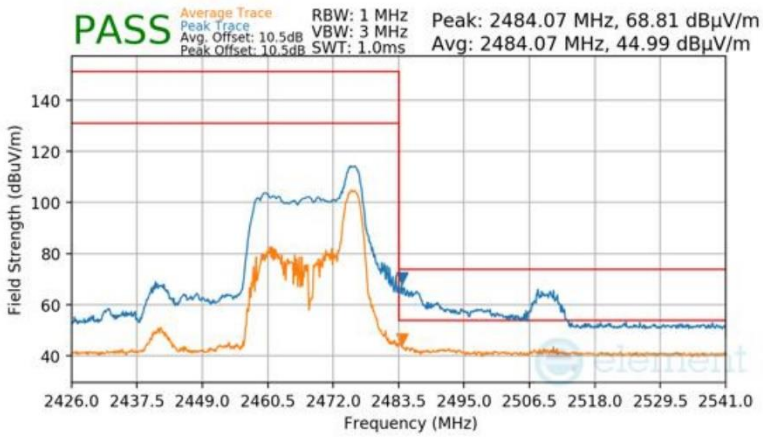
Plot 7-130 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU26)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	0
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-131 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU26)

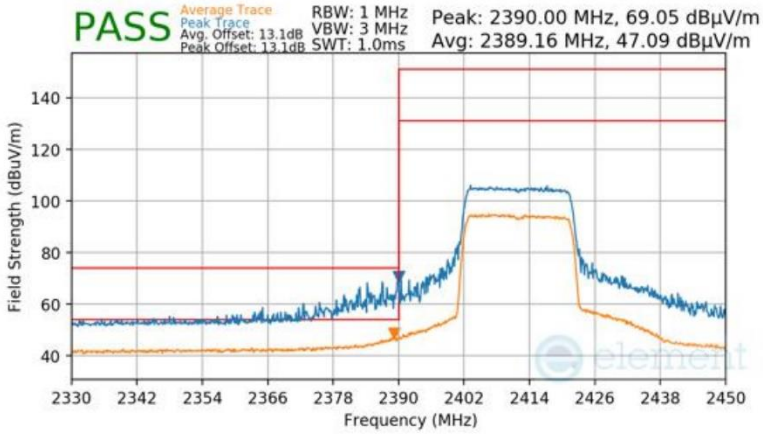
Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-132 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU26)

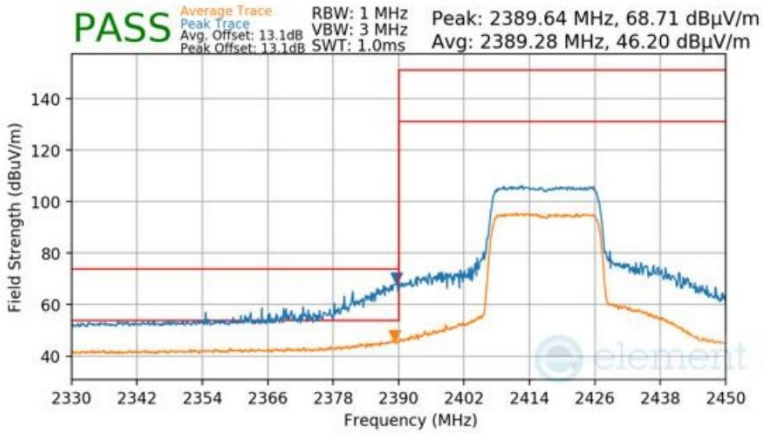
RU242

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1



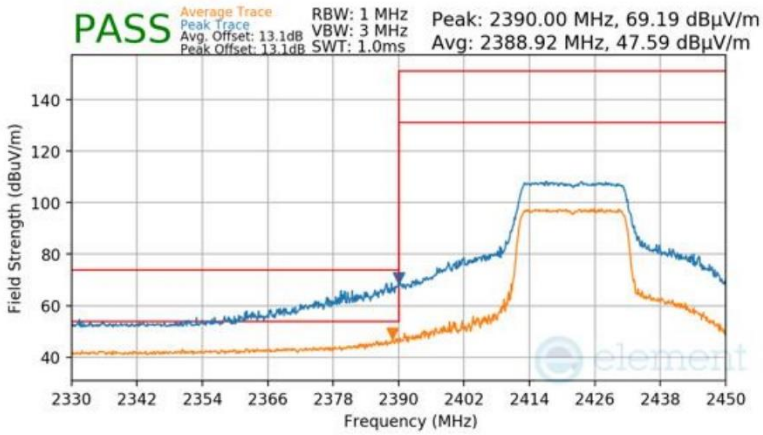
Plot 7-133 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2417MHz
Channel:	2



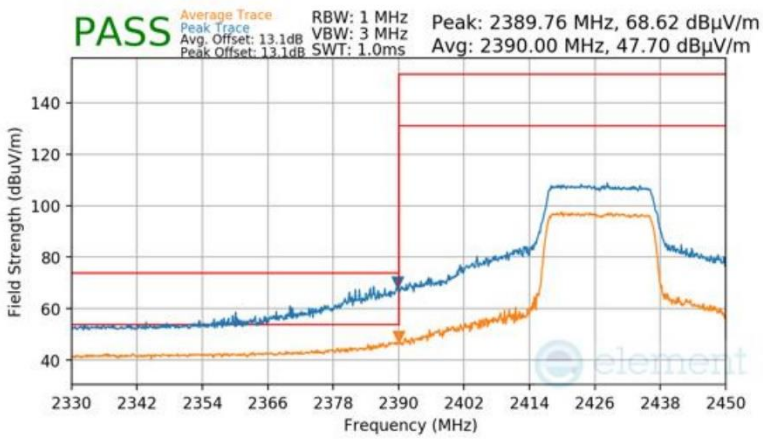
Plot 7-134 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2422MHz
Channel:	3



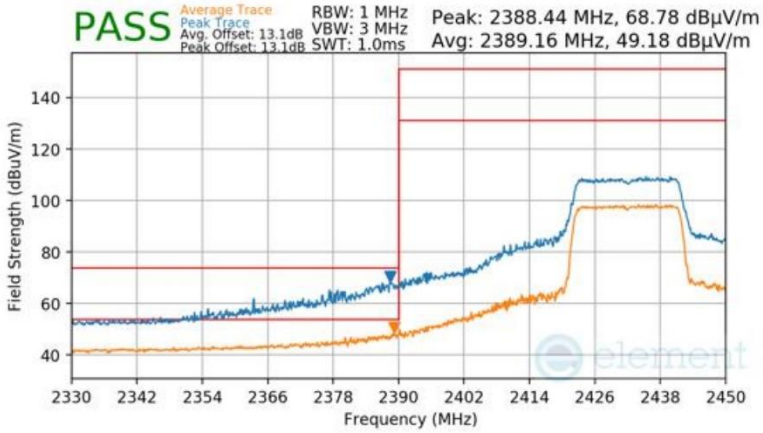
Plot 7-135 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2427MHz
Channel:	4



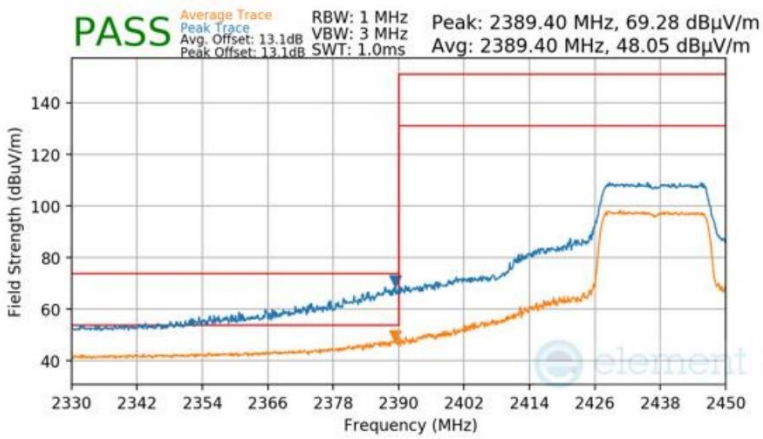
Plot 7-136 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2432MHz
Channel:	5



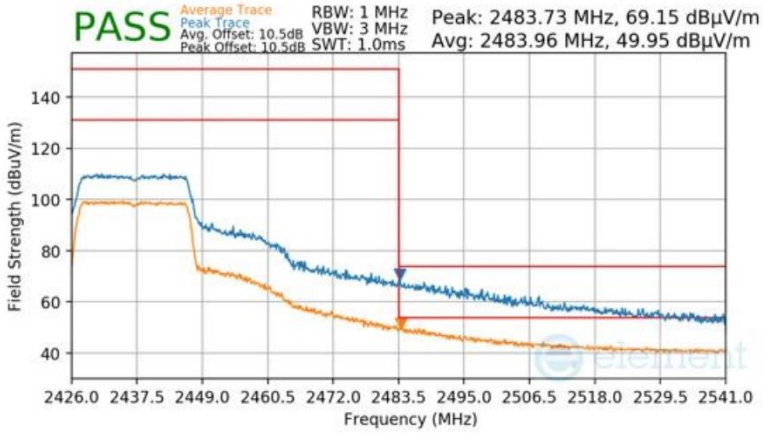
Plot 7-137 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	6



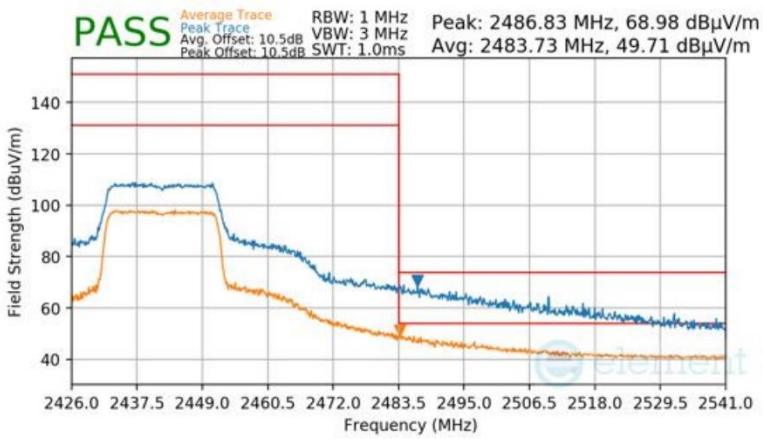
Plot 7-138 Radiated Restricted Lower Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	6



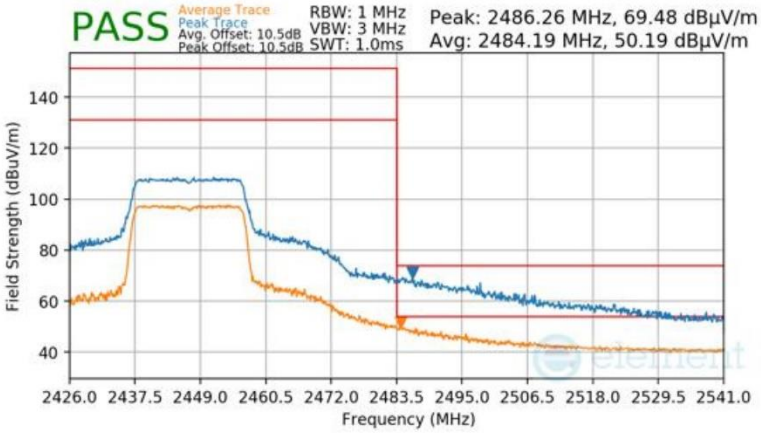
Plot 7-139 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2442MHz
Channel:	7



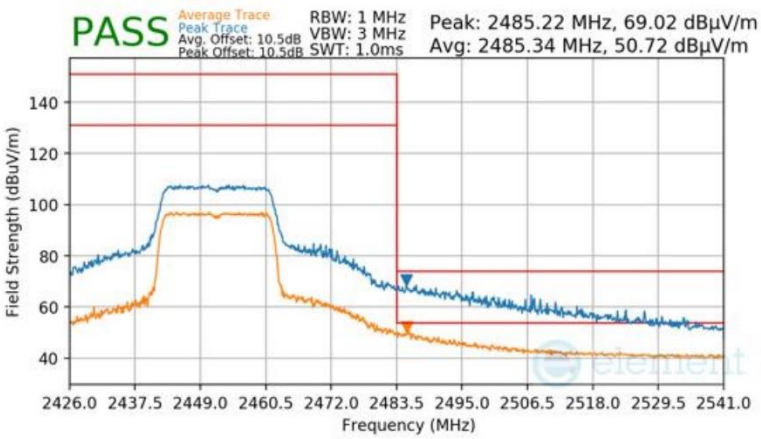
Plot 7-140 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2447MHz
Channel:	8



Plot 7-141 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)

Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2452MHz
Channel:	9



Plot 7-142 Radiated Restricted Upper Band Edge Measurement Antenna WF8 (Common) (Peak & Average – RU242)