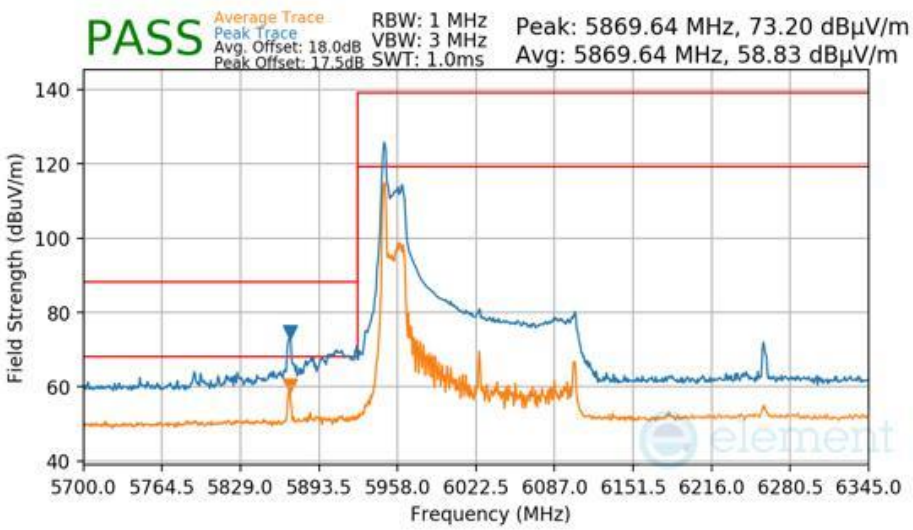
7.7.9 Antenna 5T Radiated Band Edge Measurements (160MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

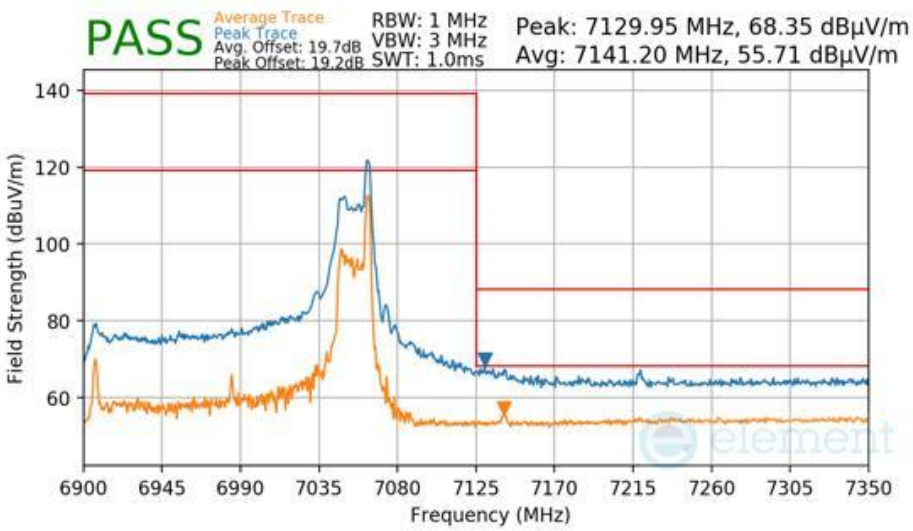
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2048 Antenna 5T Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

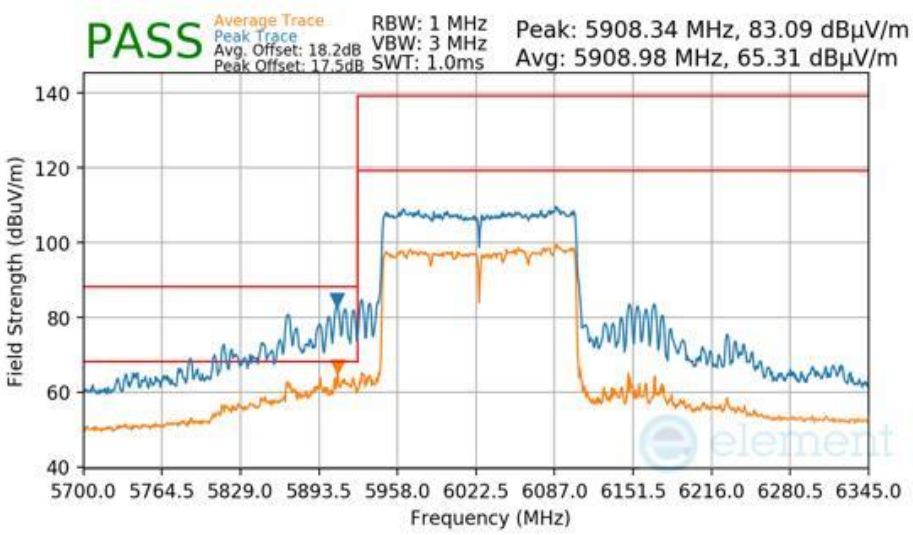
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-2049 Antenna 5T Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

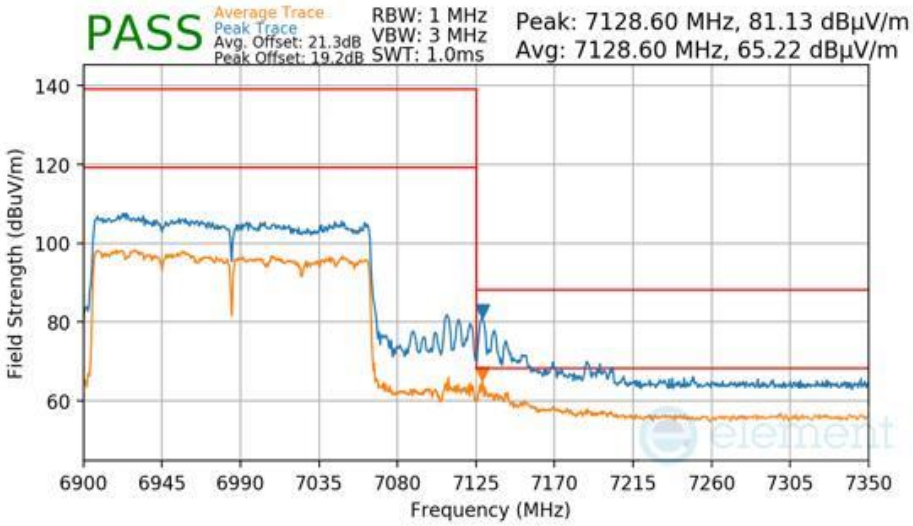
RU996x2

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2050 Antenna 5T Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996x2)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



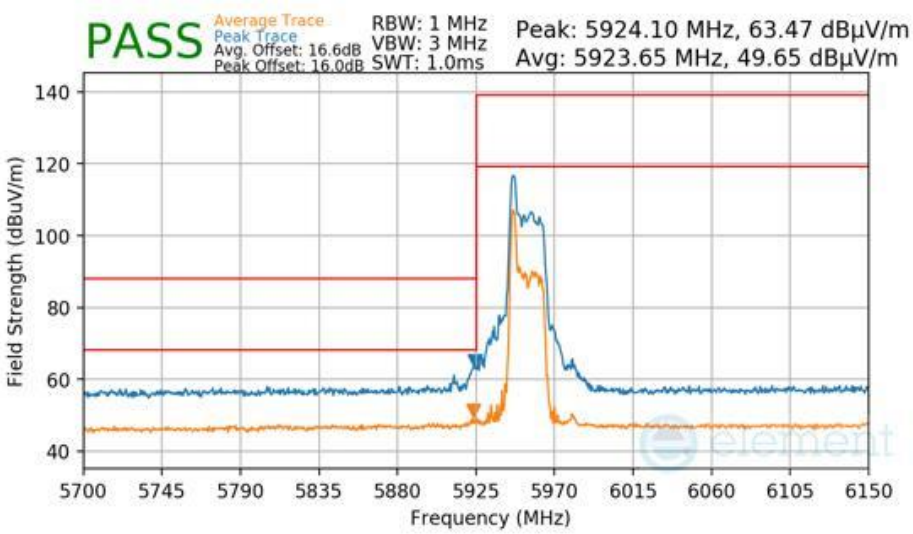
Plot 7-2051 Antenna 5T Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996x2)

7.7.10 Antenna 3b Radiated Band Edge Measurements (20MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

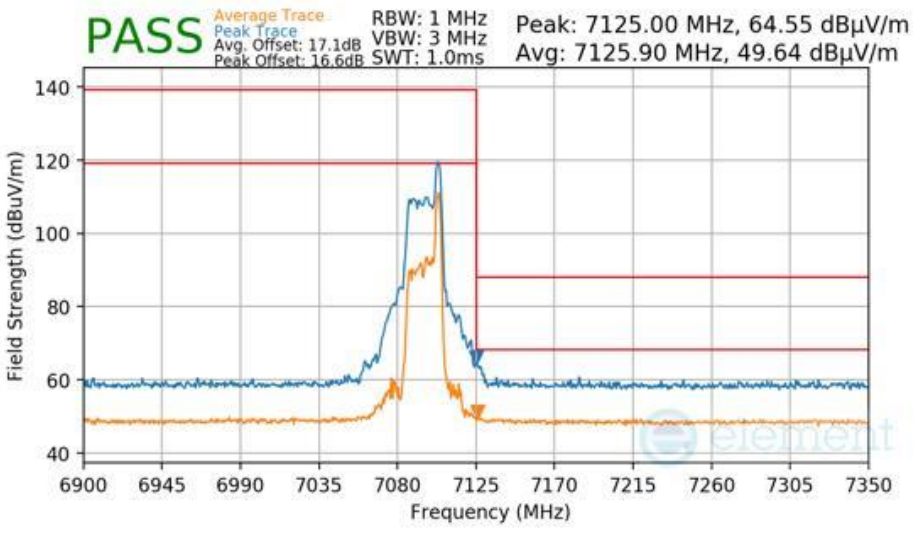
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



Plot 7-2052 Antenna 3b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

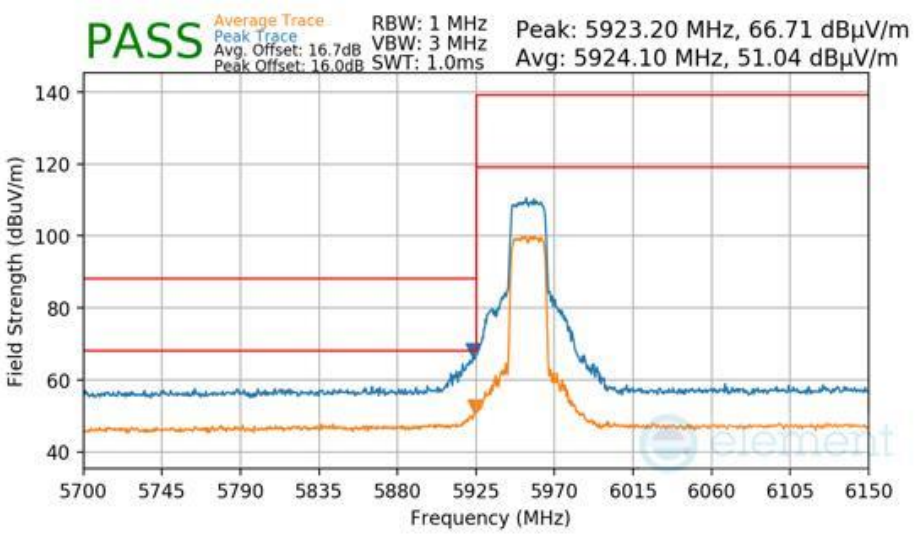
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229



Plot 7-2053 Antenna 3b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

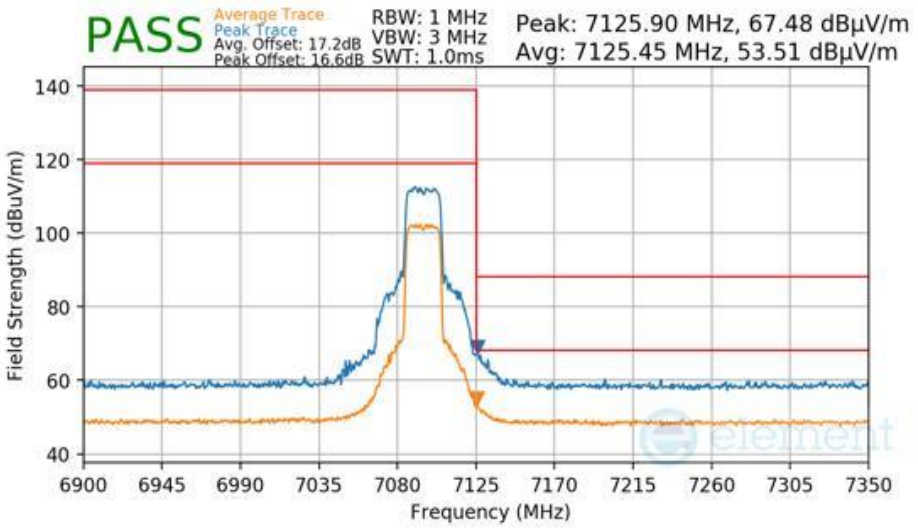
RU242

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



Plot 7-2054 Antenna 3b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU242)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229



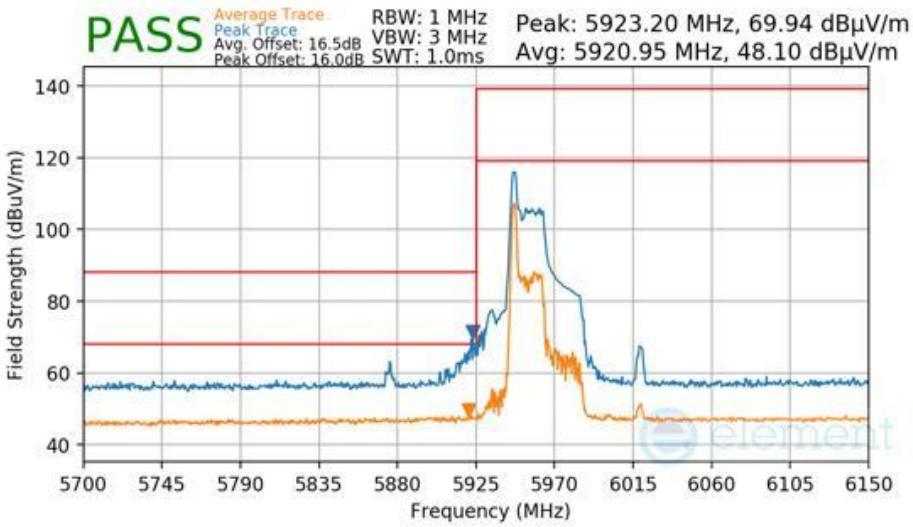
Plot 7-2055 Antenna 3b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU242)

7.7.11 Antenna 3b Radiated Band Edge Measurements (40MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

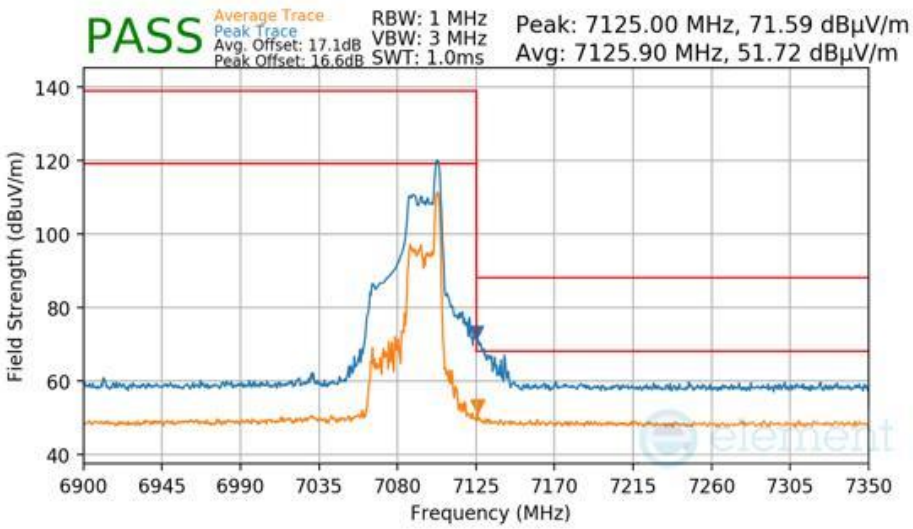
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-2056 Antenna 3b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

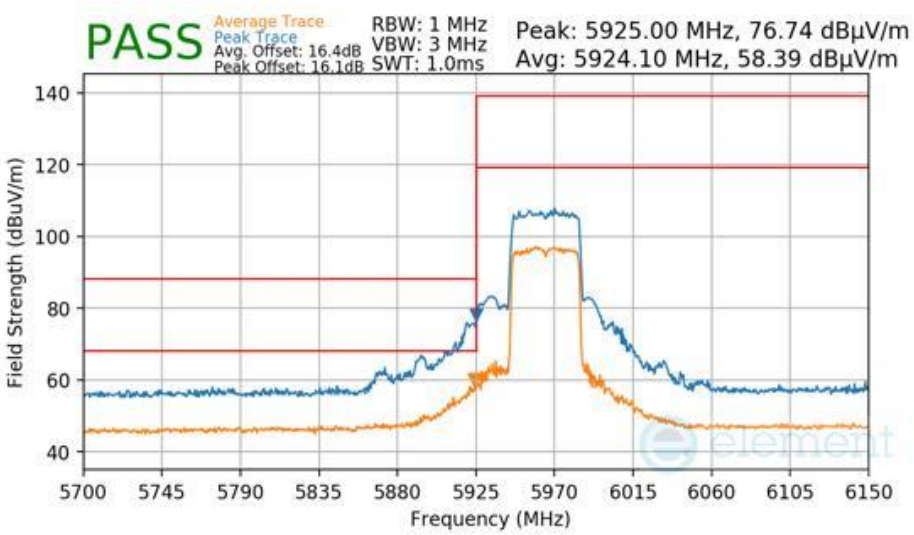
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



Plot 7-2057 Antenna 3b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

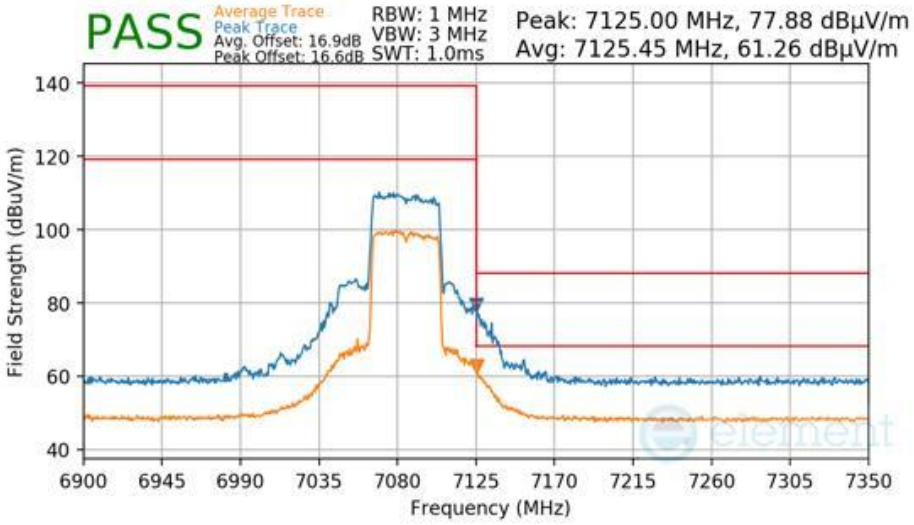
RU484

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-2058 Antenna 3b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU484)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



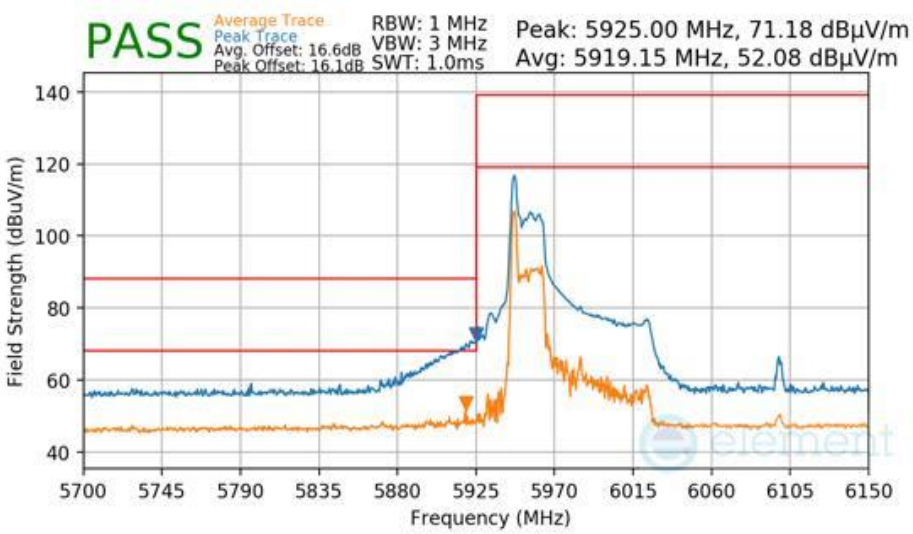
Plot 7-2059 Antenna 3b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU484)

7.7.12 Antenna 3b Radiated Band Edge Measurements (80MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

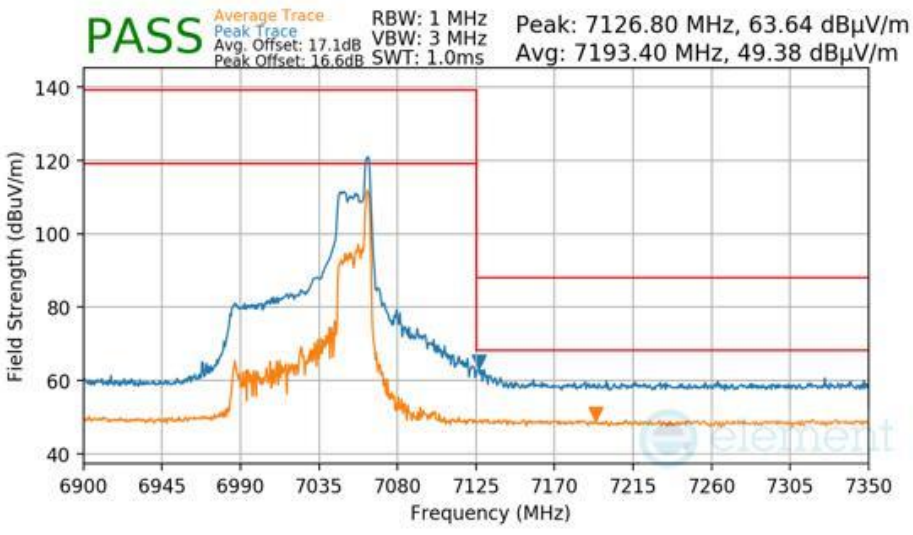
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-2060 Antenna 3b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

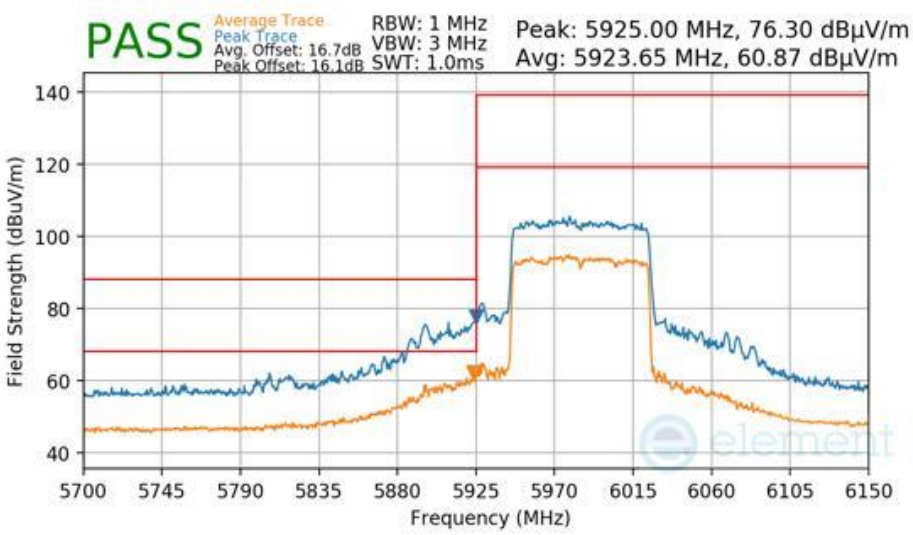
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



Plot 7-2061 Antenna 3b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

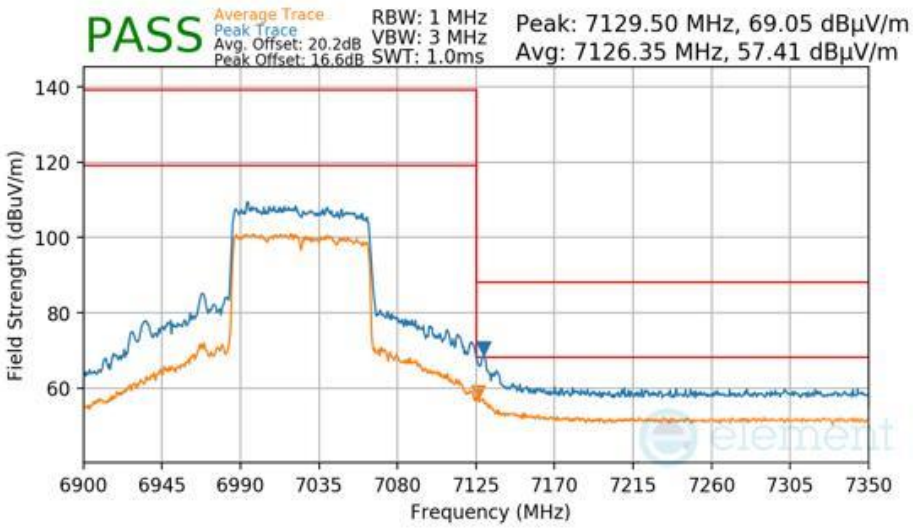
RU996

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-2062 Antenna 3b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



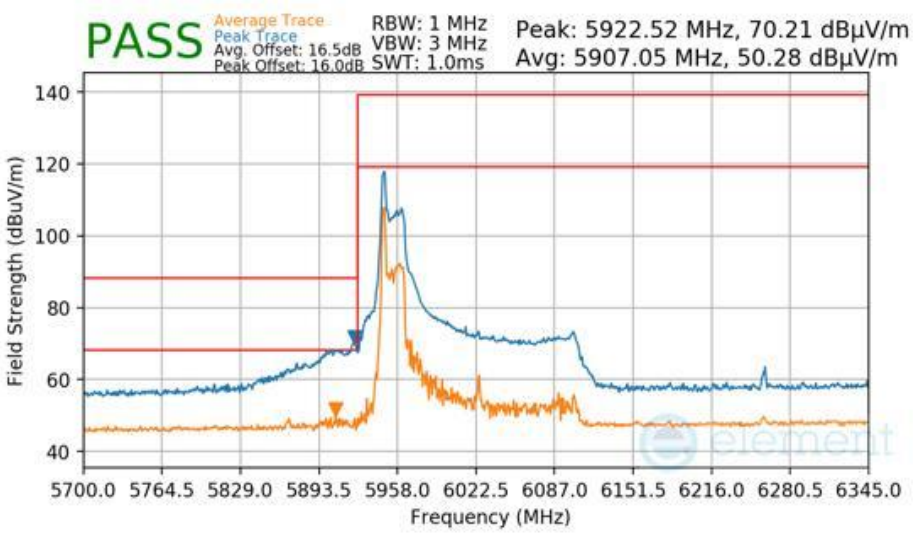
Plot 7-2063 Antenna 3b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996)

7.7.13 Antenna 3b Radiated Band Edge Measurements (160MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

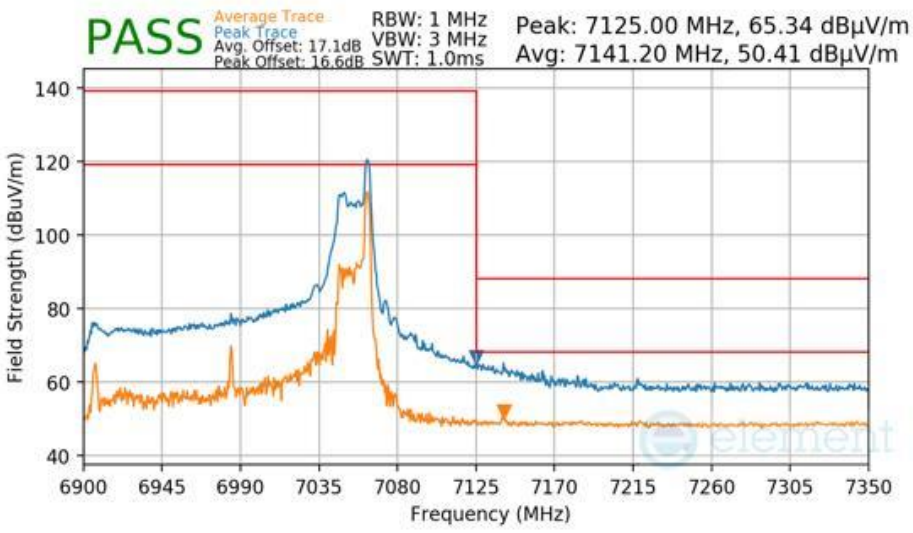
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2064 Antenna 3b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

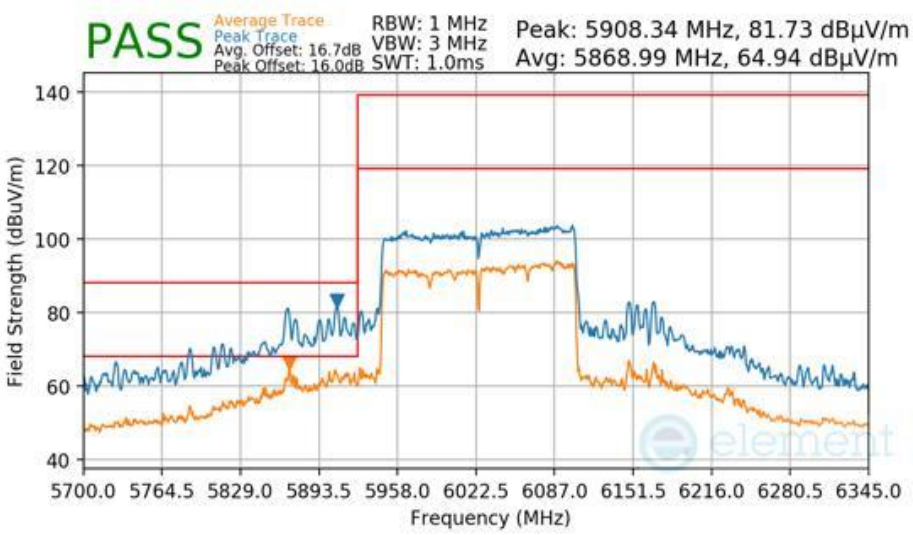
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-2065 Antenna 3b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

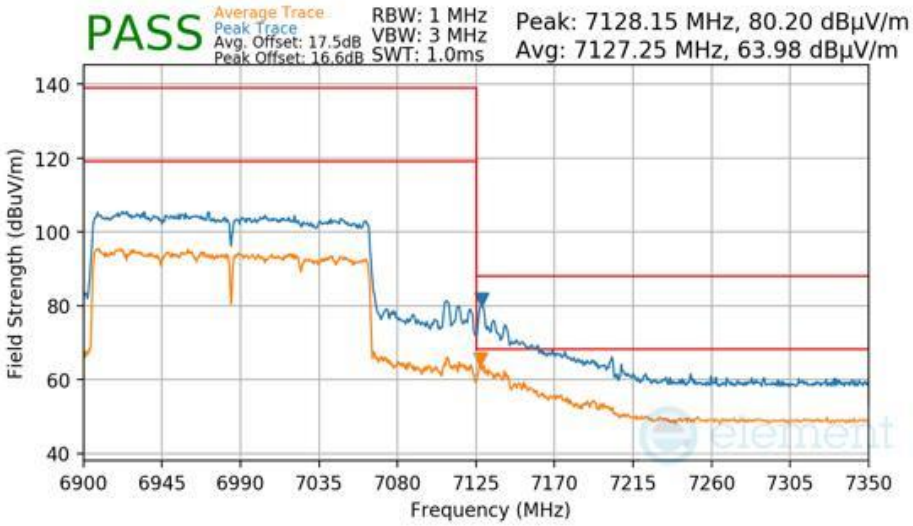
RU996x2

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2066 Antenna 3b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996x2)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



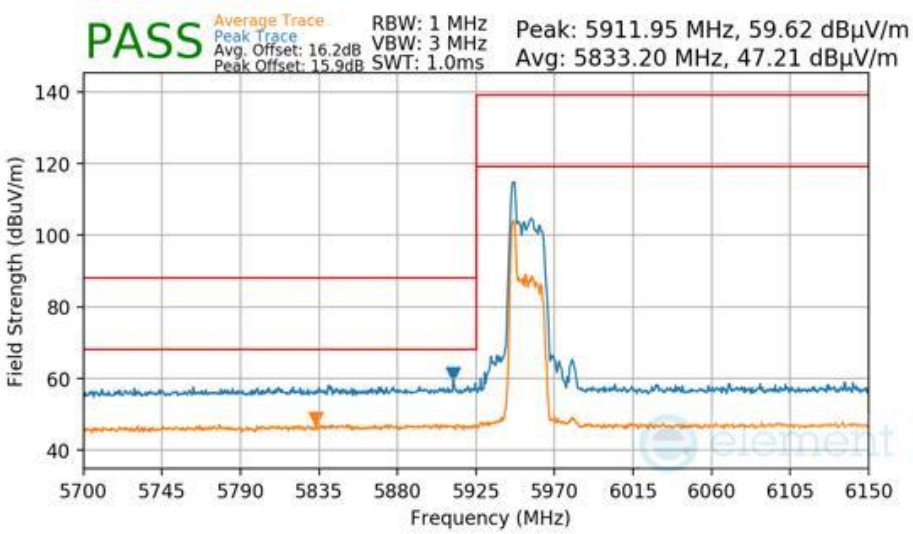
Plot 7-2067 Antenna 3b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996x2)

7.7.14 Antenna 1b Radiated Band Edge Measurements (20MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

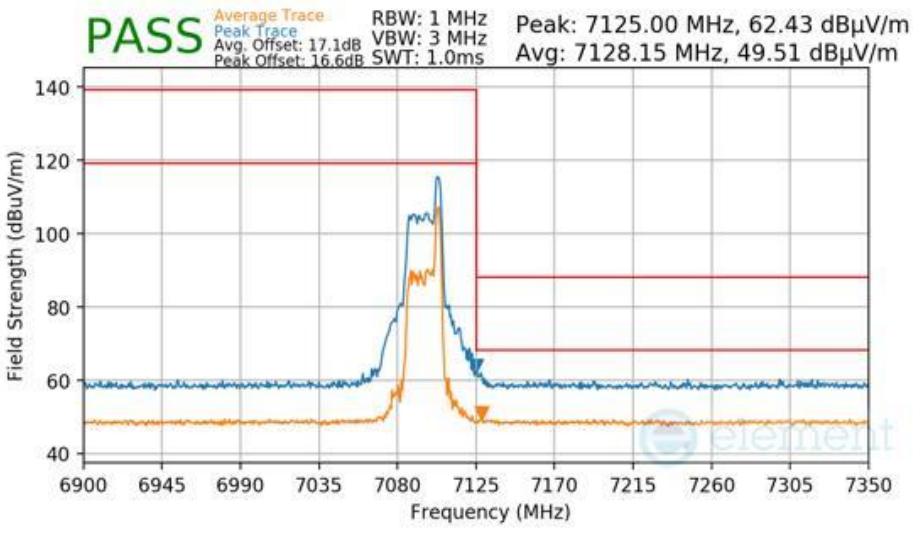
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



Plot 7-2068 Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

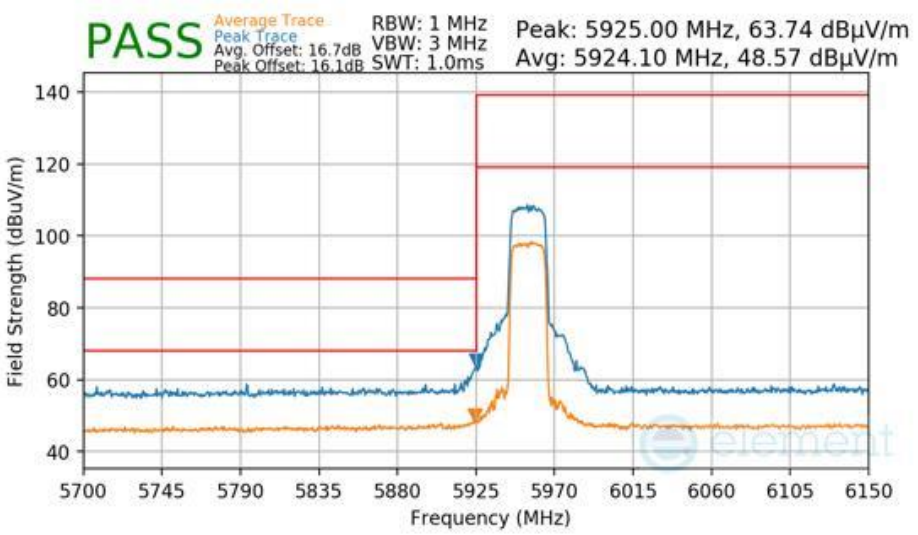
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229



Plot 7-2069 Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

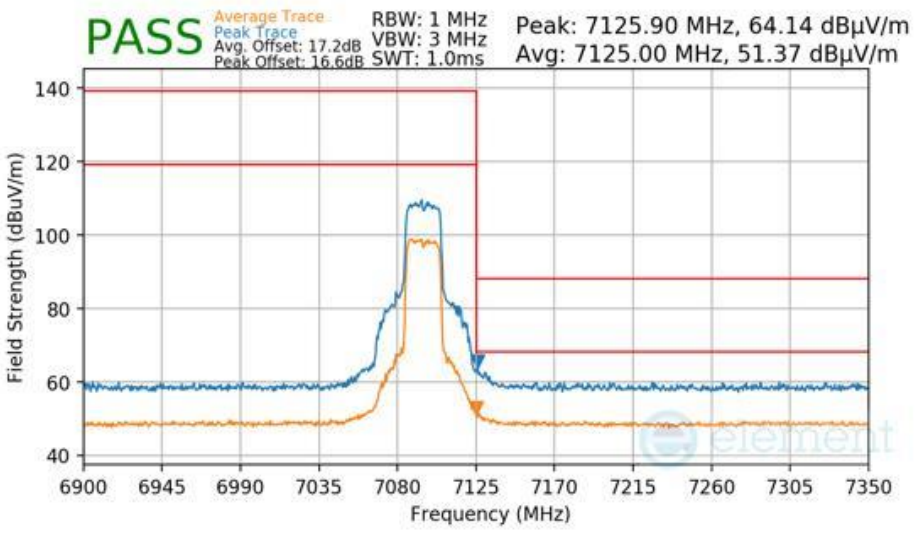
RU242

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



Plot 7-2070 Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU242)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229



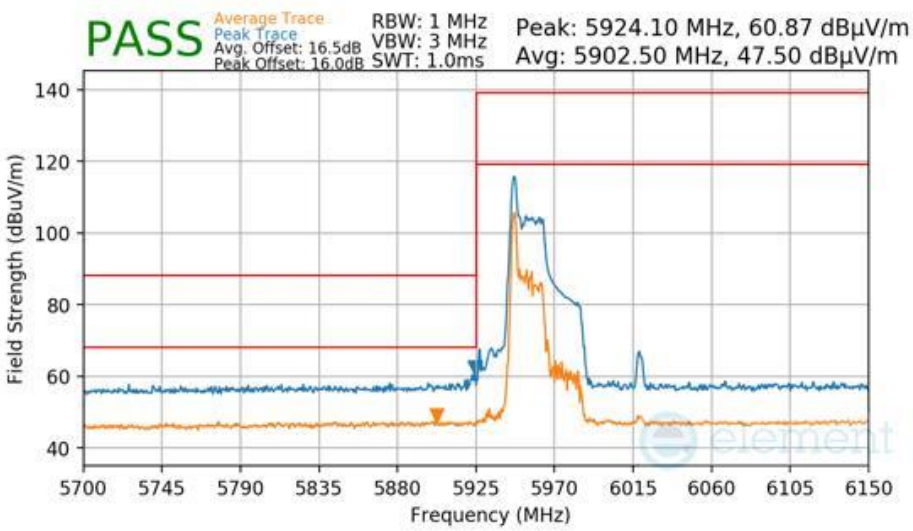
Plot 7-2071 Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU242)

7.7.15 Antenna 1b Radiated Band Edge Measurements (40MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

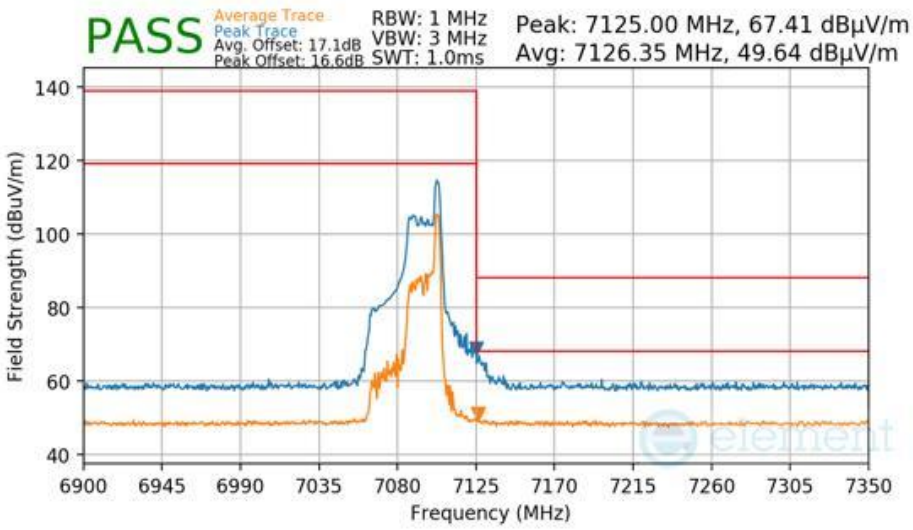
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-2072 Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

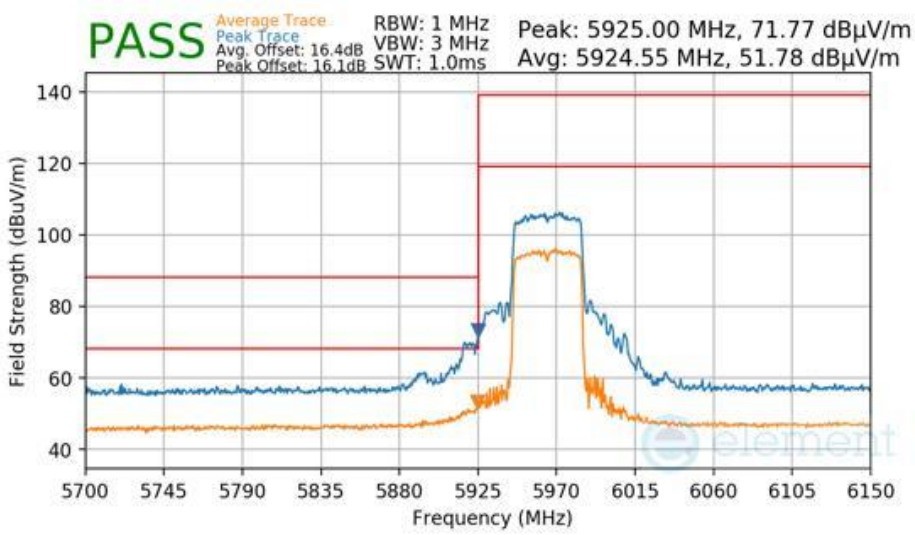
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



Plot 7-2073 Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

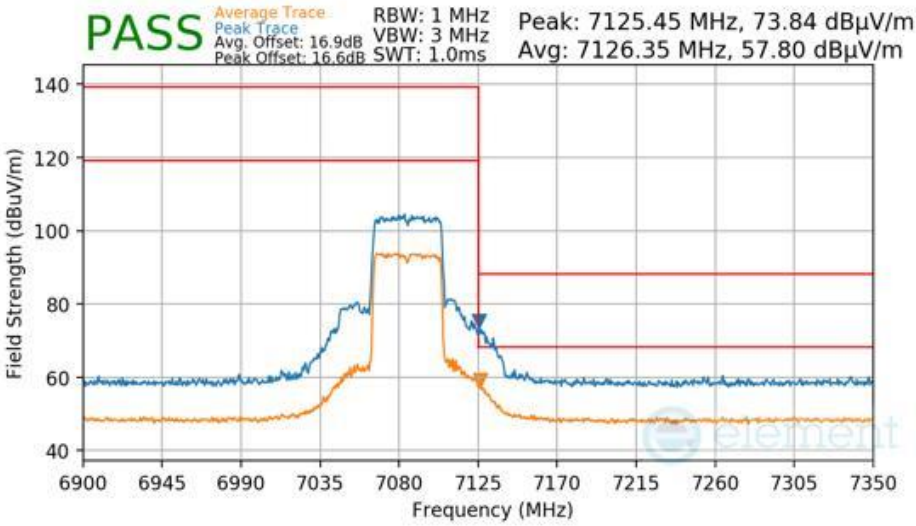
RU484

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-2074 Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU484)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



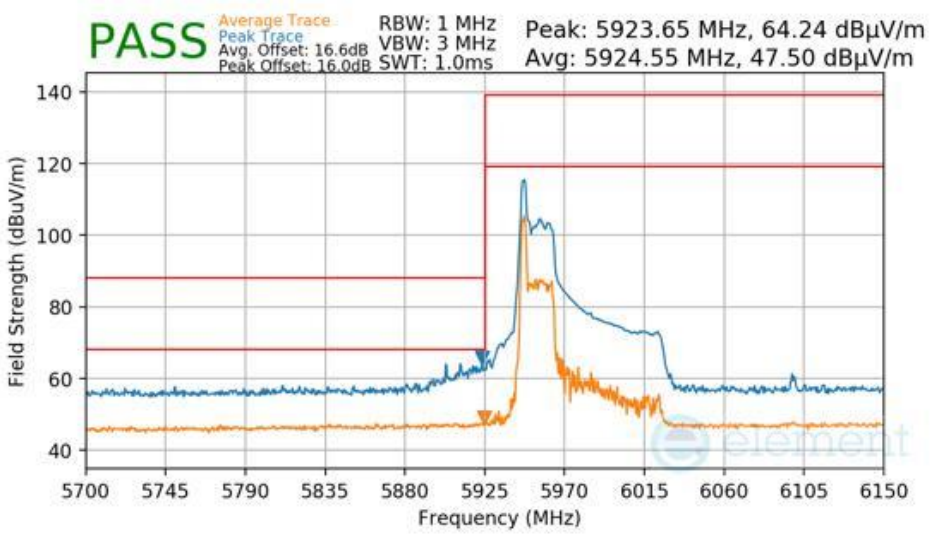
Plot 7-2075 Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU484)

7.7.16 Antenna 1b Radiated Band Edge Measurements (80MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

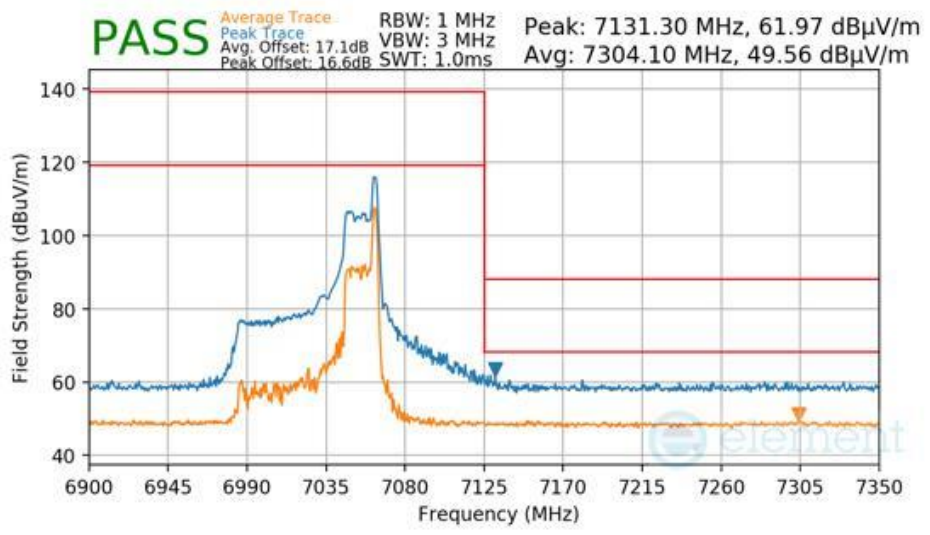
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-2076 Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

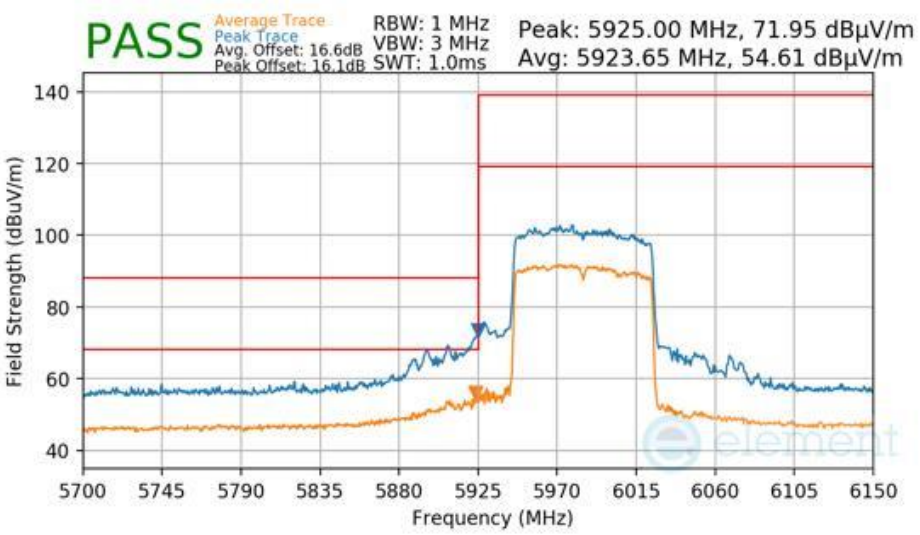
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



Plot 7-2077 Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

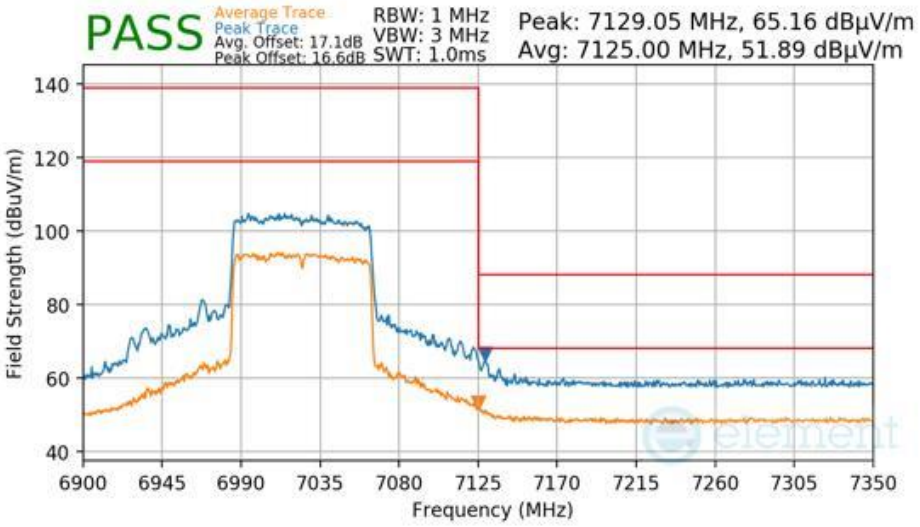
RU996

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-2078 Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



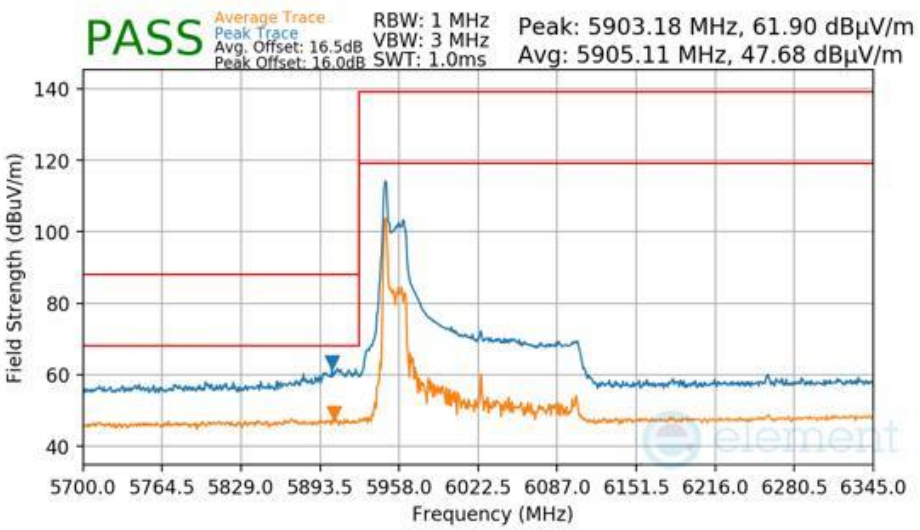
Plot 7-2079 Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996)

7.7.17 Antenna 1b Radiated Band Edge Measurements (160MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

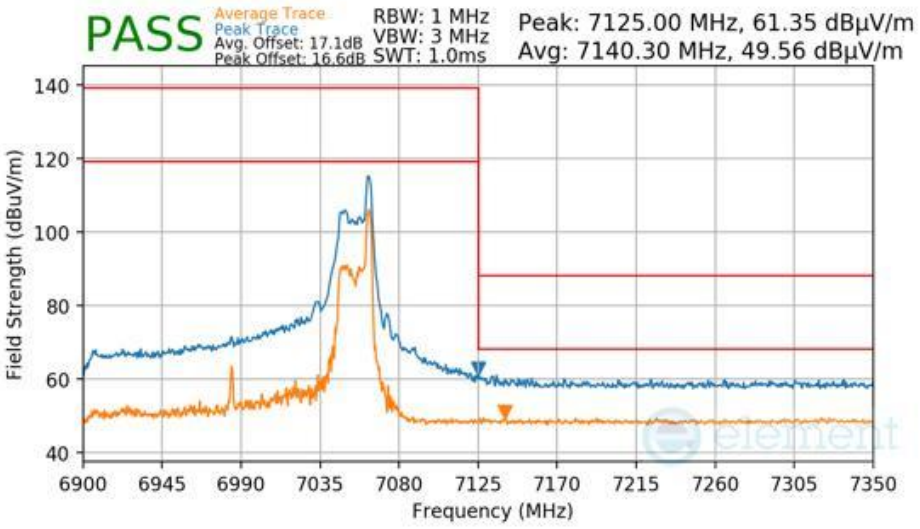
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2080 Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

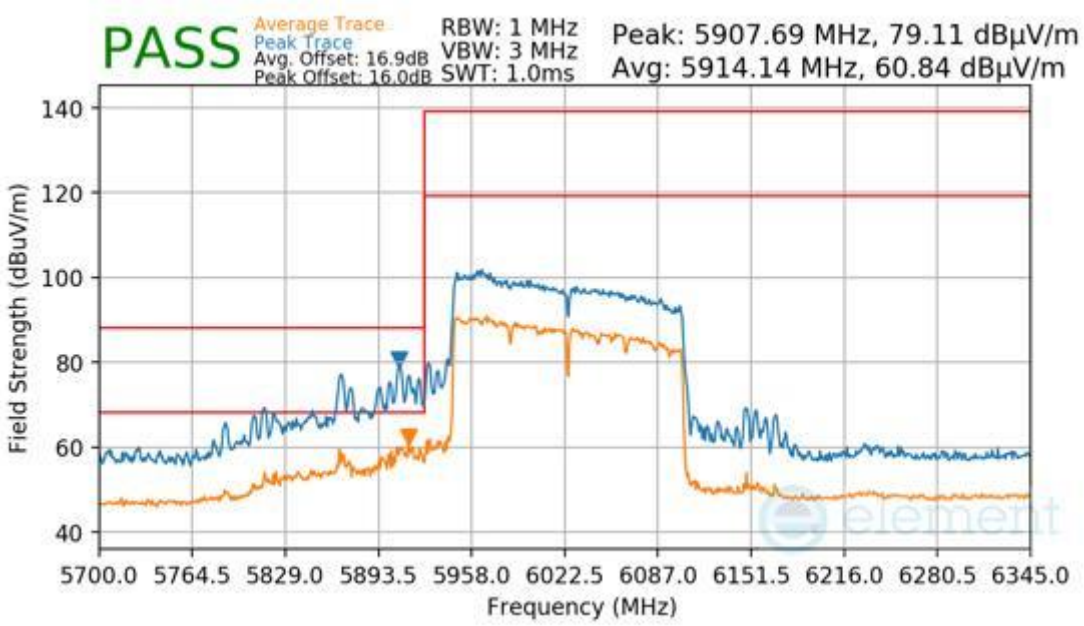
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-2081 Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

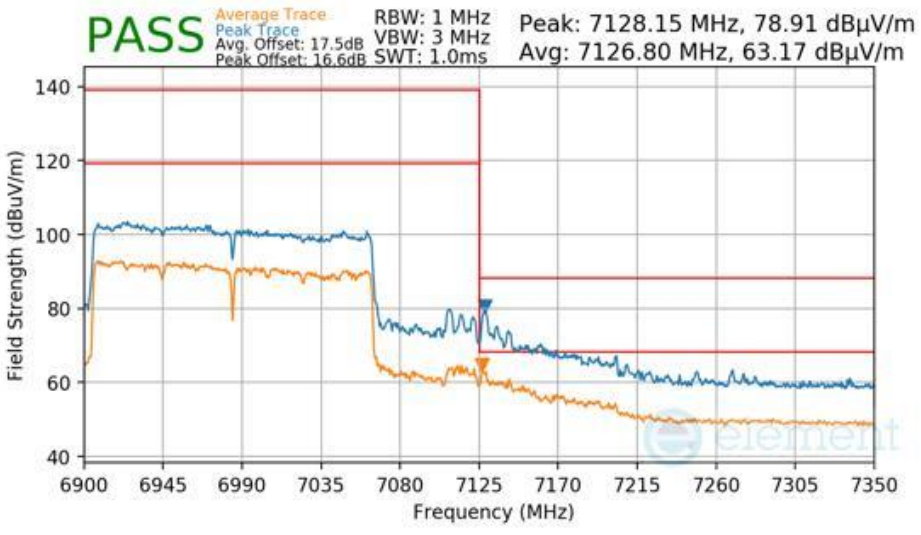
RU996x2

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2082 Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996x2)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



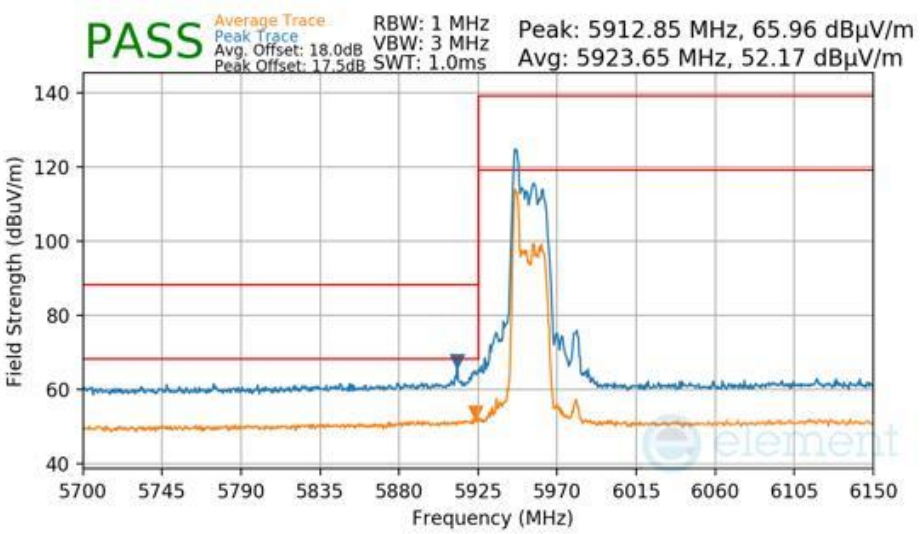
Plot 7-2083 Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996x2)

7.7.18 CDD Primary Radiated Band Edge Measurements (20MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

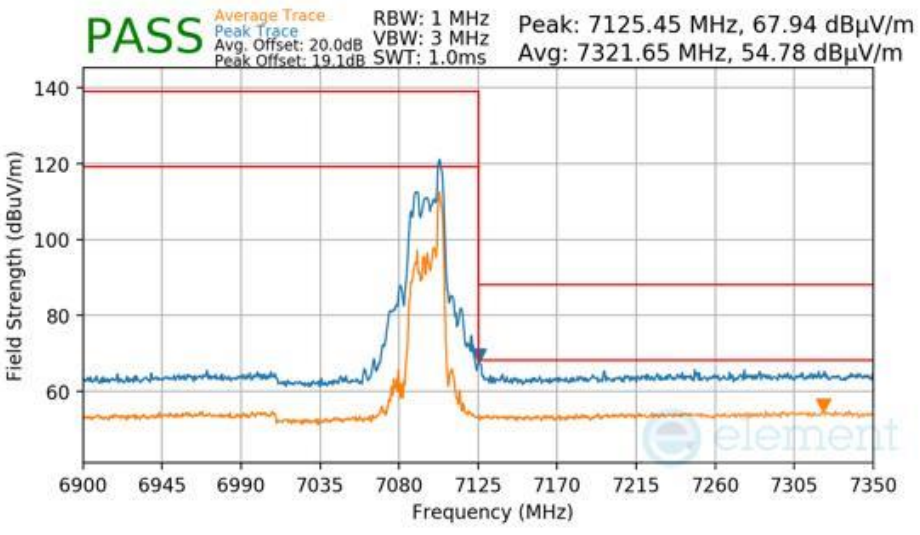
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



Plot 7-2084 CDD Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

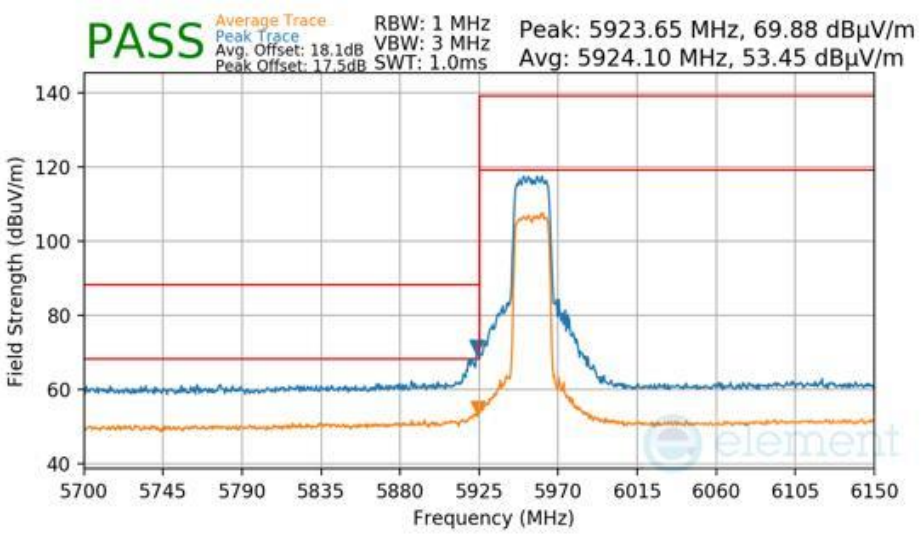
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229



Plot 7-2085 CDD Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

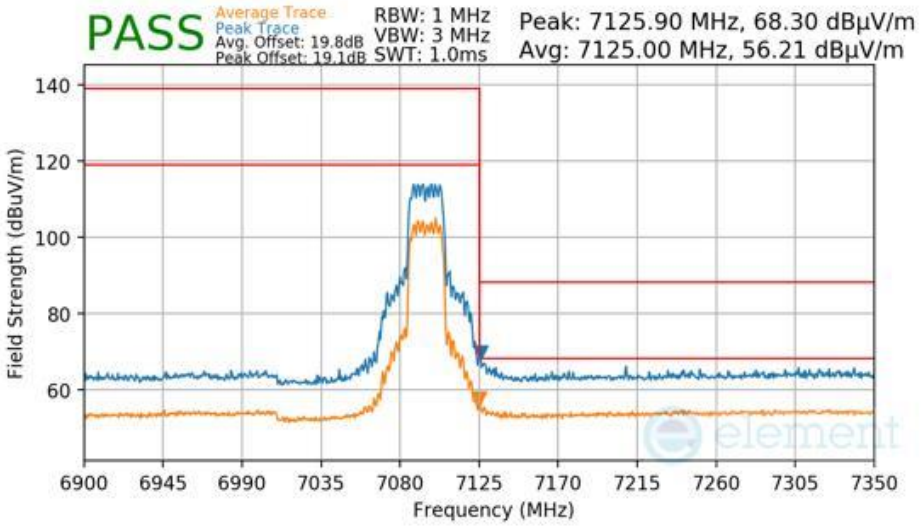
RU242

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



Plot 7-2086 CDD Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU242)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229



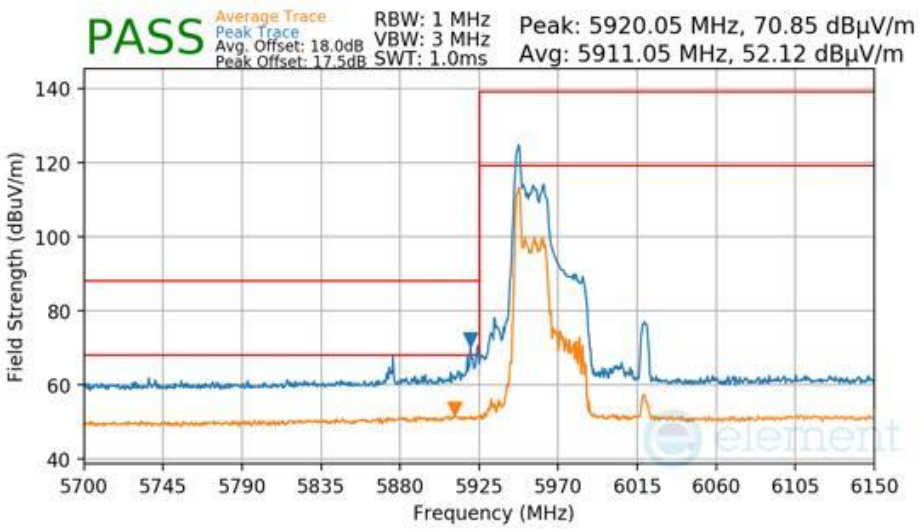
Plot 7-2087 CDD Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU242)

7.7.19 CDD Primary Radiated Band Edge Measurements (40MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

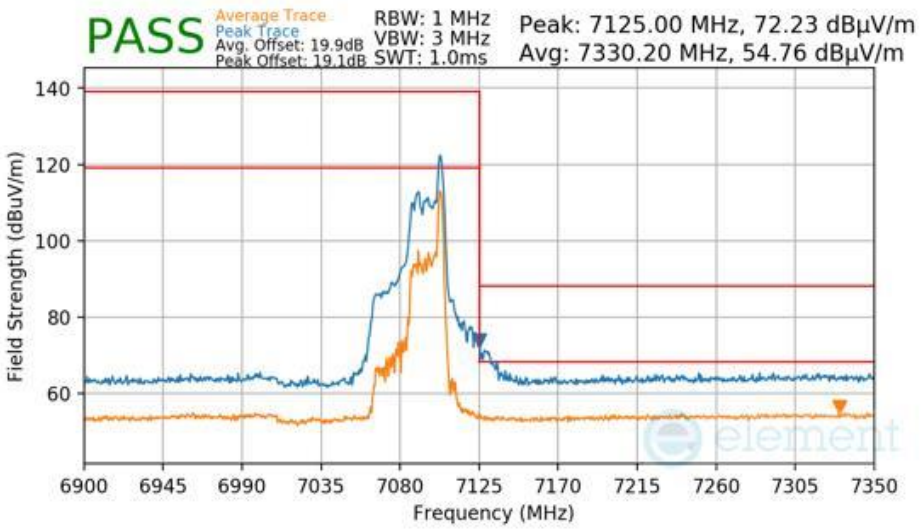
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-2088 CDD Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

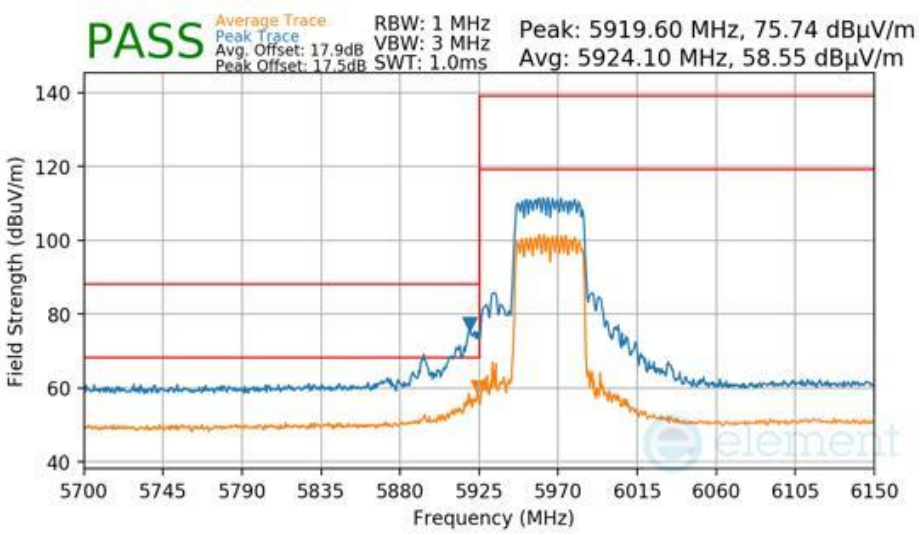
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



Plot 7-2089 CDD Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

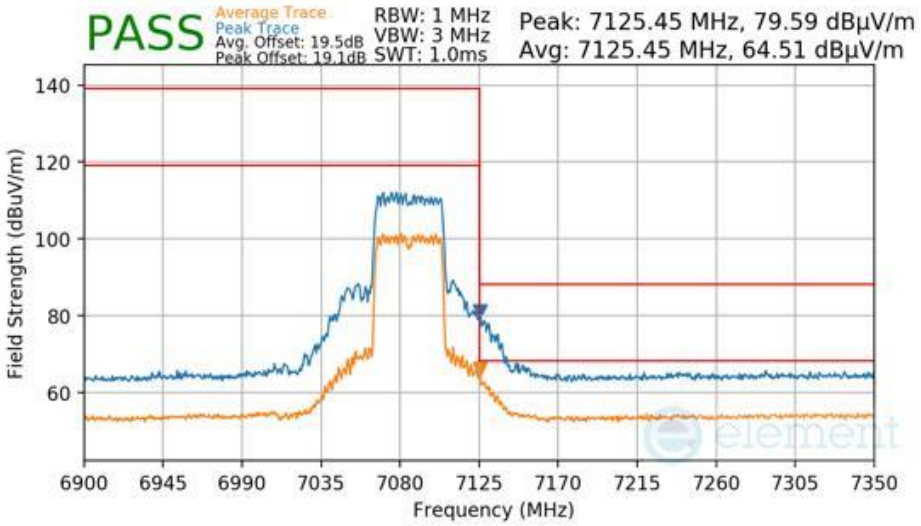
RU484

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-2090 CDD Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU484)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



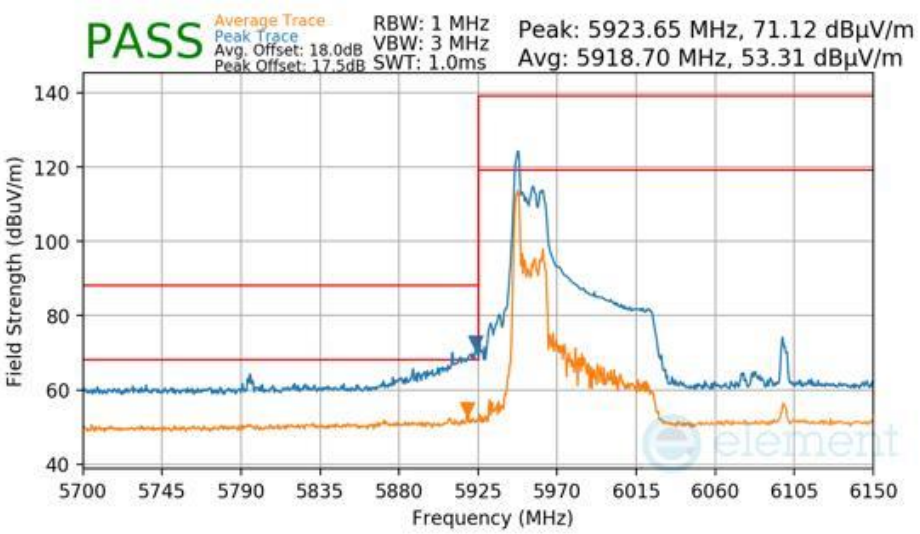
Plot 7-2091 CDD Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU484)

7.7.20 CDD Primary Radiated Band Edge Measurements (80MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

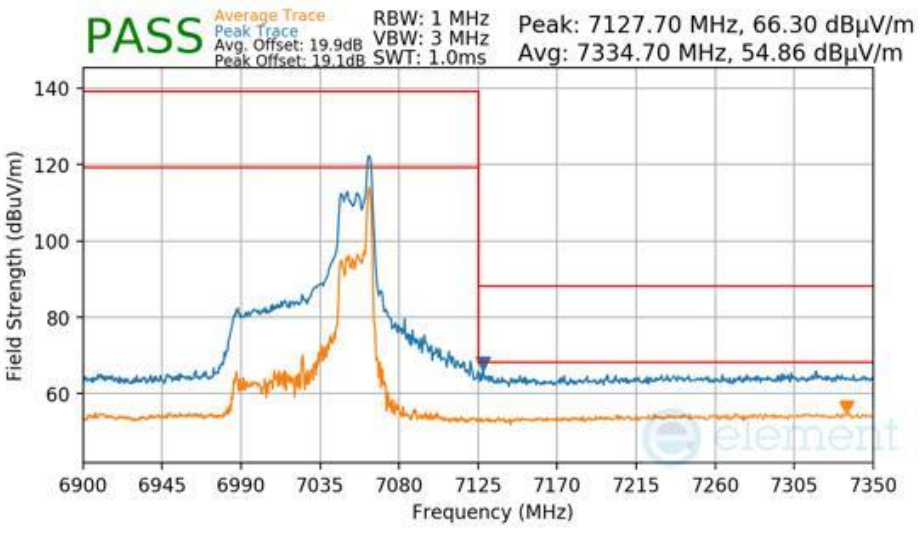
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-2092 CDD Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

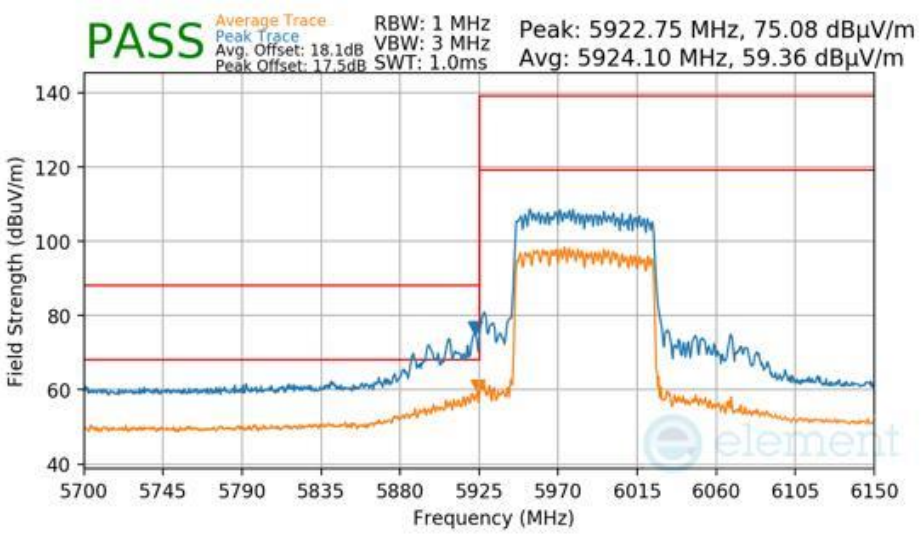
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



Plot 7-2093 CDD Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

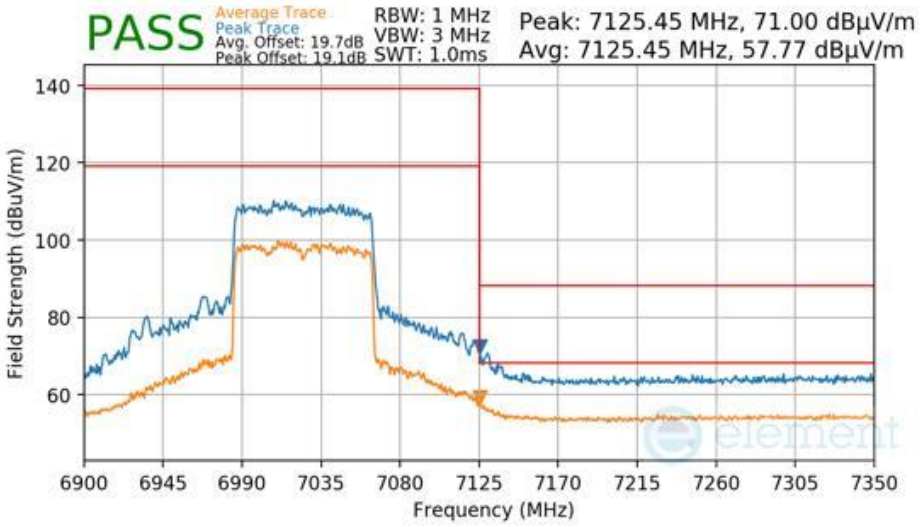
RU996

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-2094 CDD Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



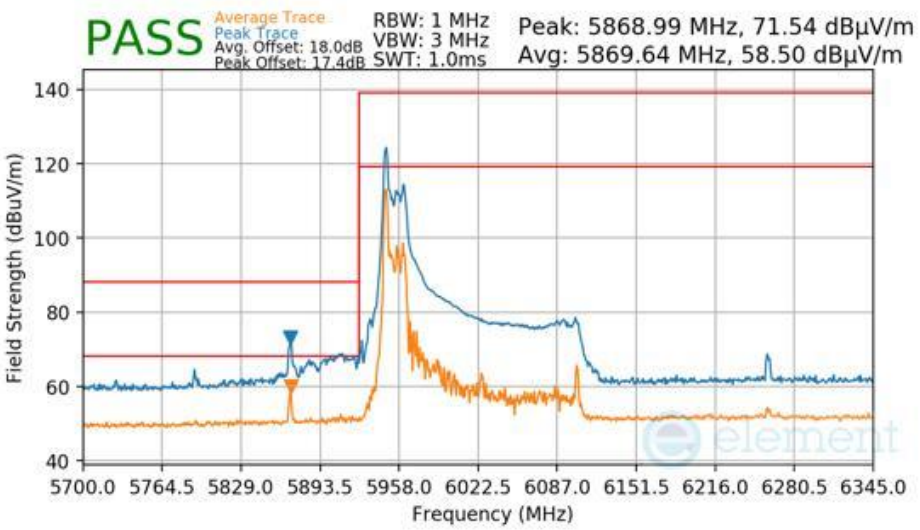
Plot 7-2095 CDD Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996)

7.7.21 CDD Primary Radiated Band Edge Measurements (160MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

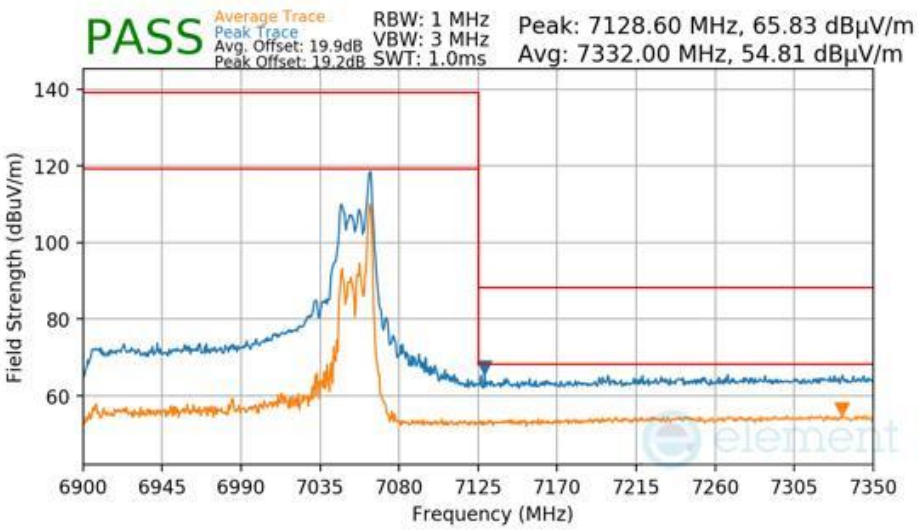
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2096 CDD Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

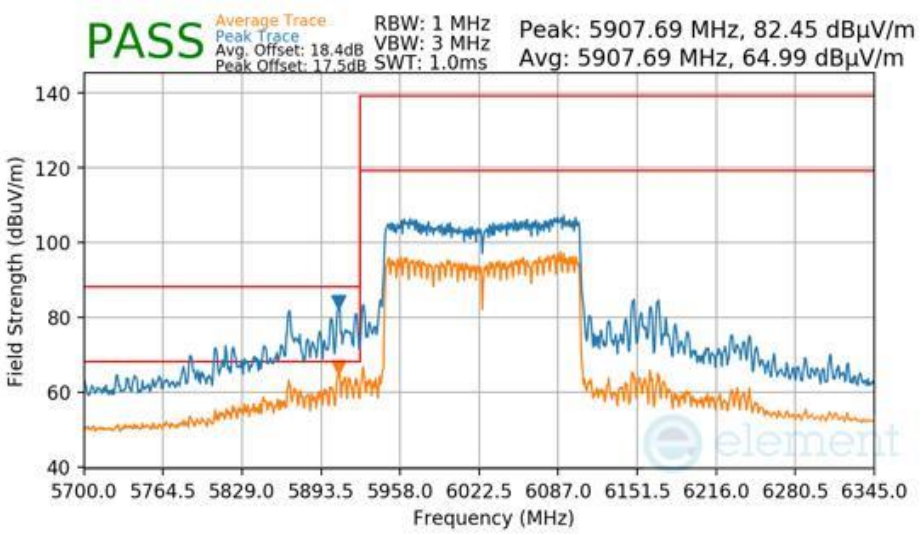
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-2097 CDD Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

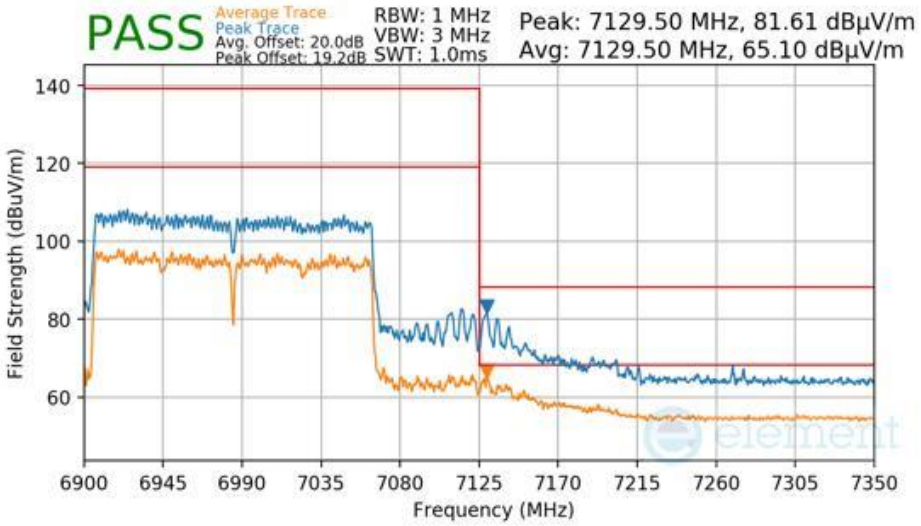
RU996x2

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2098 CDD Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996x2)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



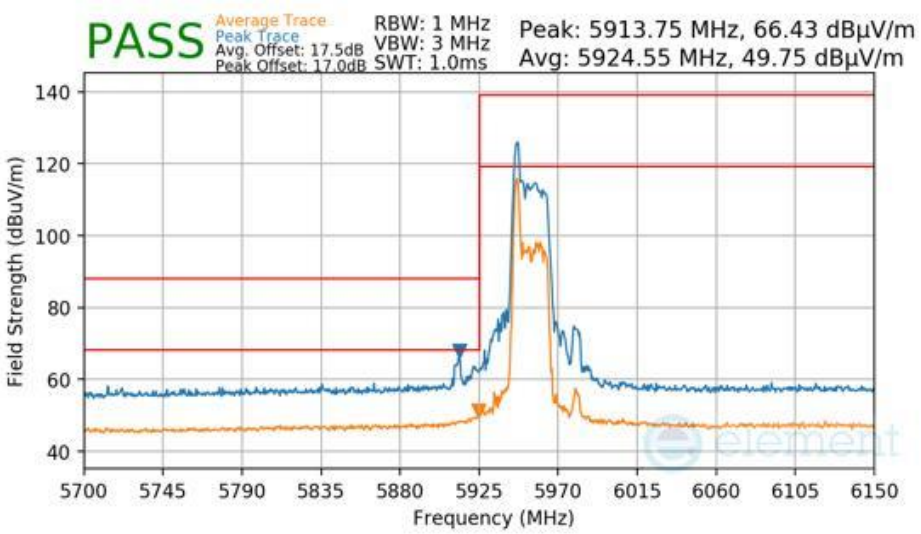
Plot 7-2099 CDD Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996x2)

7.7.22 CDD Diversity Radiated Band Edge Measurements (20MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

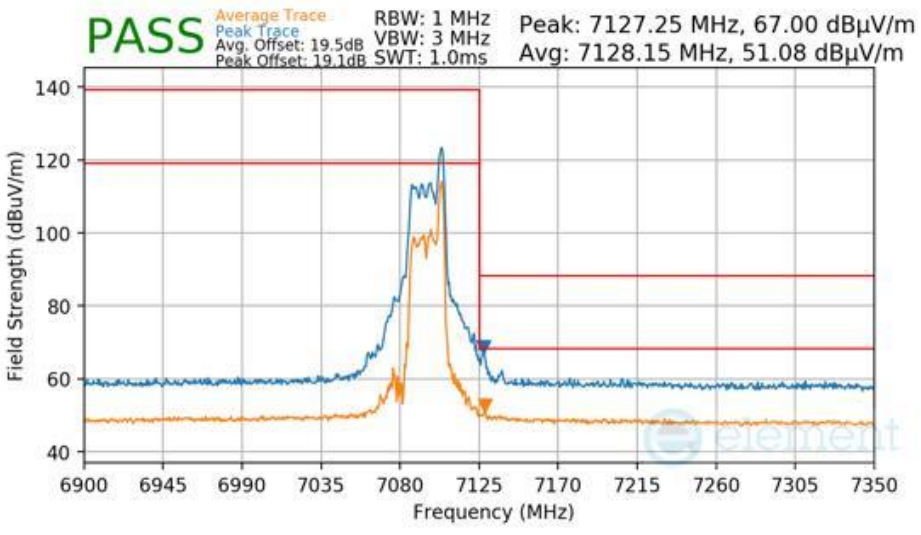
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



Plot 7-2100 CDD Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

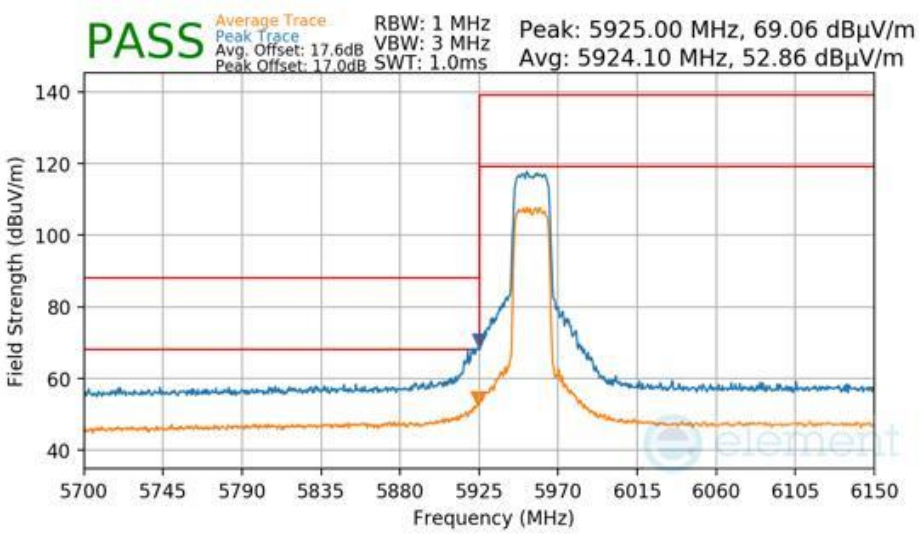
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229



Plot 7-2101 CDD Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

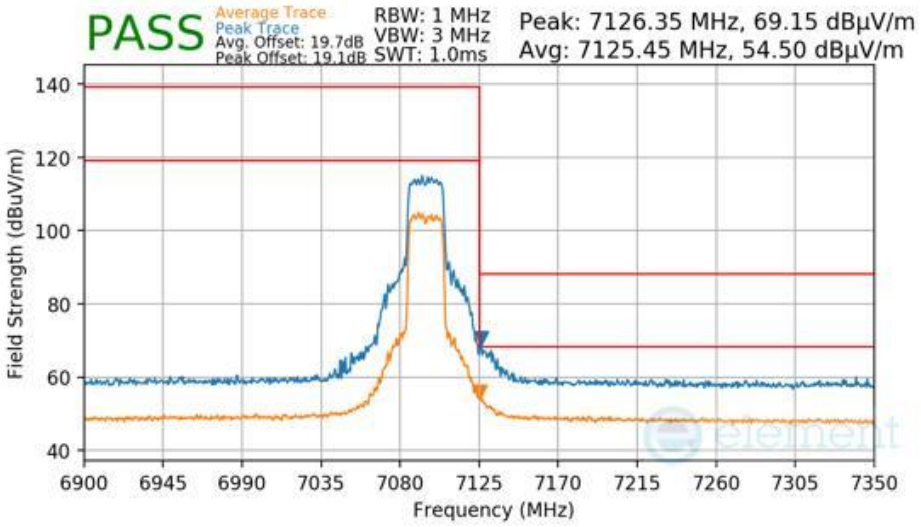
RU242

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



Plot 7-2102 CDD Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU242)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229



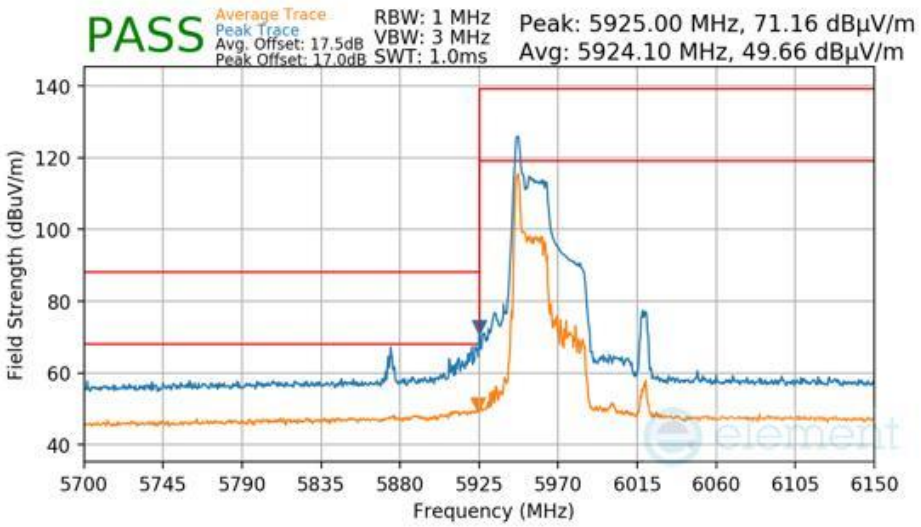
Plot 7-2103 CDD Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU242)

7.7.23 CDD Diversity Radiated Band Edge Measurements (40MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

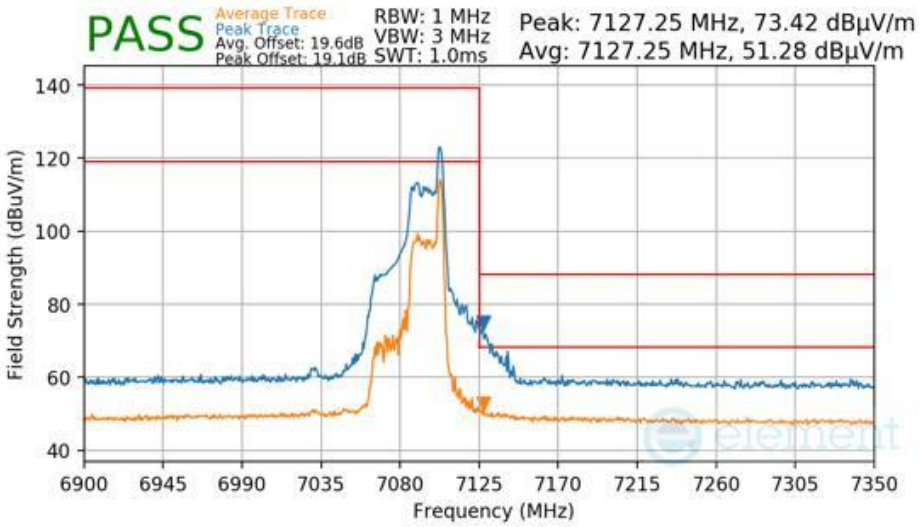
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-2104 CDD Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

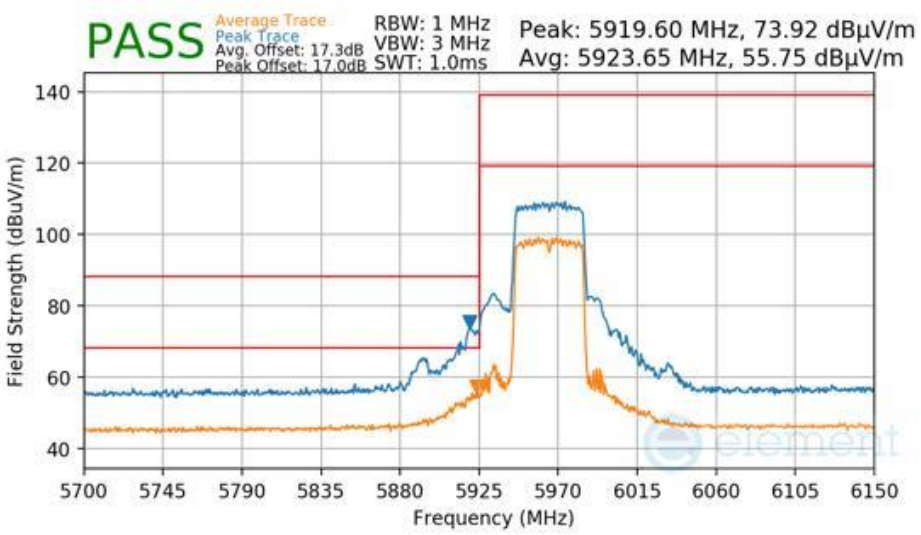
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



Plot 7-2105 CDD Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

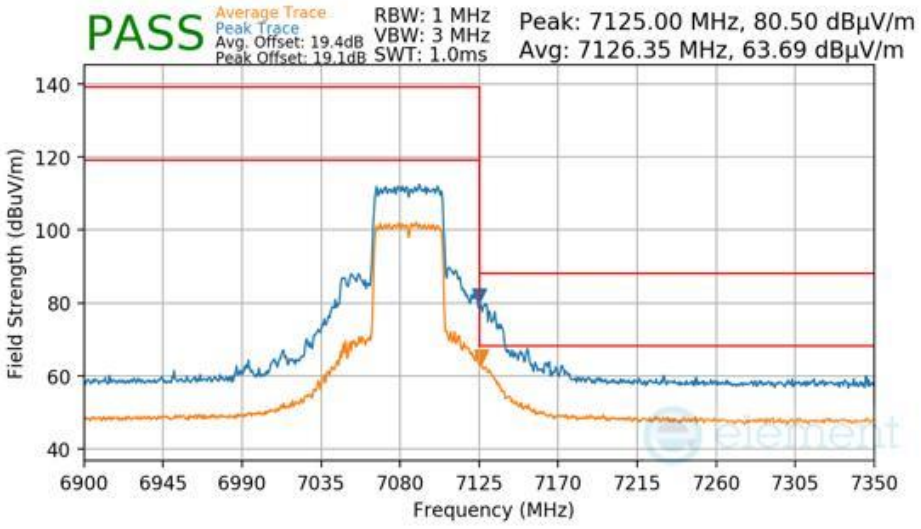
RU484

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



Plot 7-2106 CDD Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – R484)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



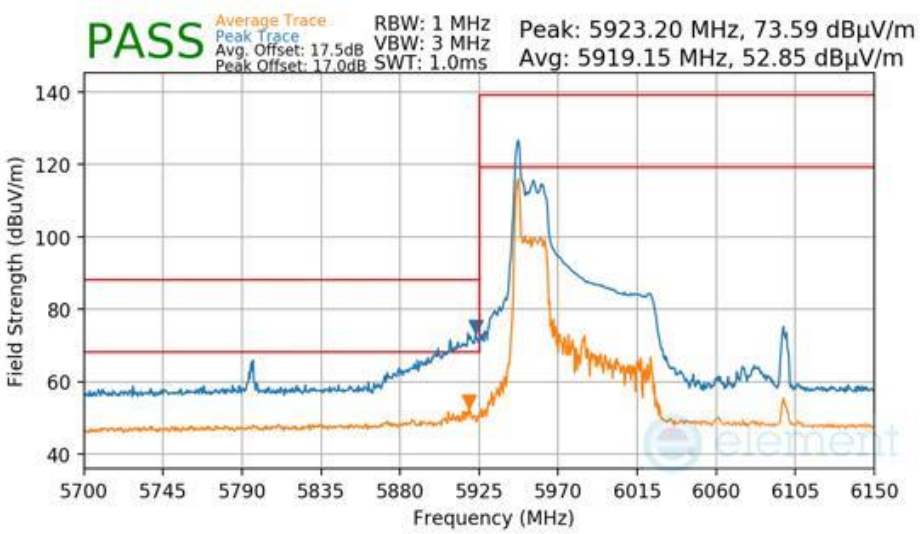
Plot 7-2107 CDD Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU484)

7.7.24 CDD Diversity Radiated Band Edge Measurements (80MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

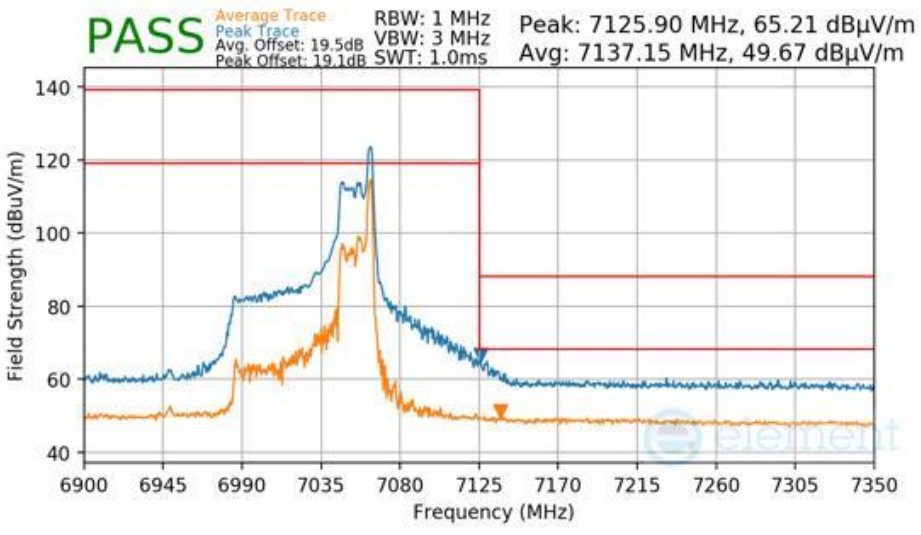
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-2108 CDD Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

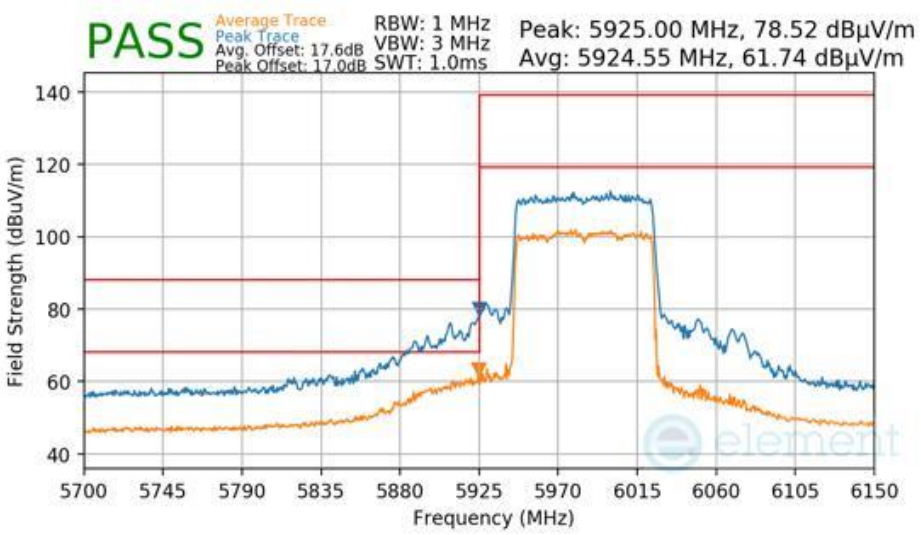
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



Plot 7-2109 CDD Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

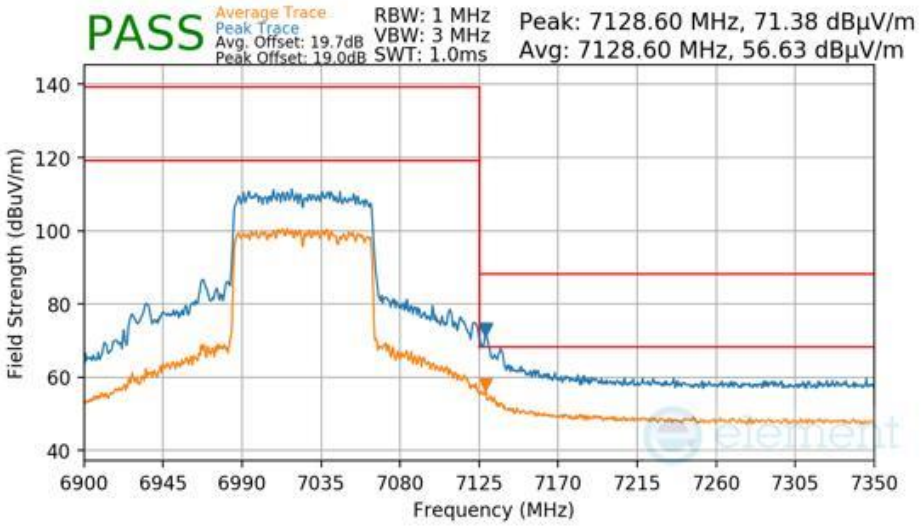
RU996

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



Plot 7-2110 CDD Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



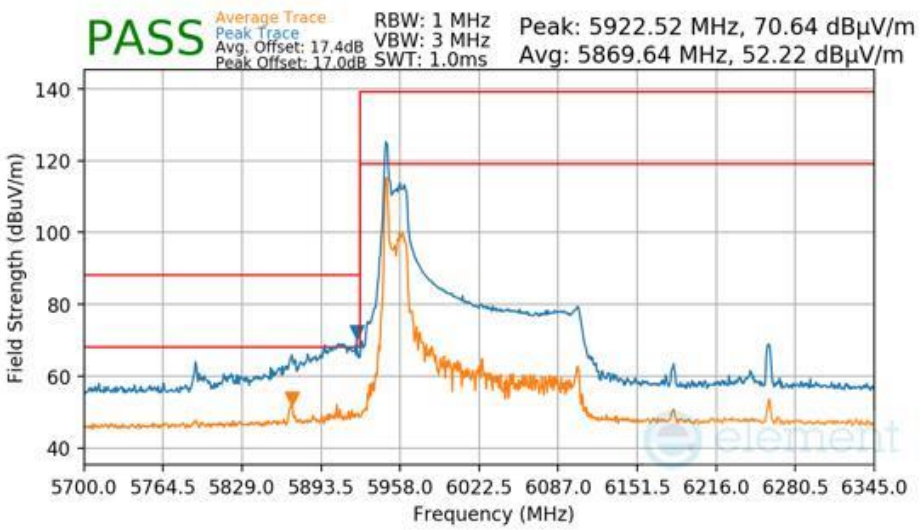
Plot 7-2111 CDD Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996)

7.7.25 CDD Diversity Radiated Band Edge Measurements (160MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209

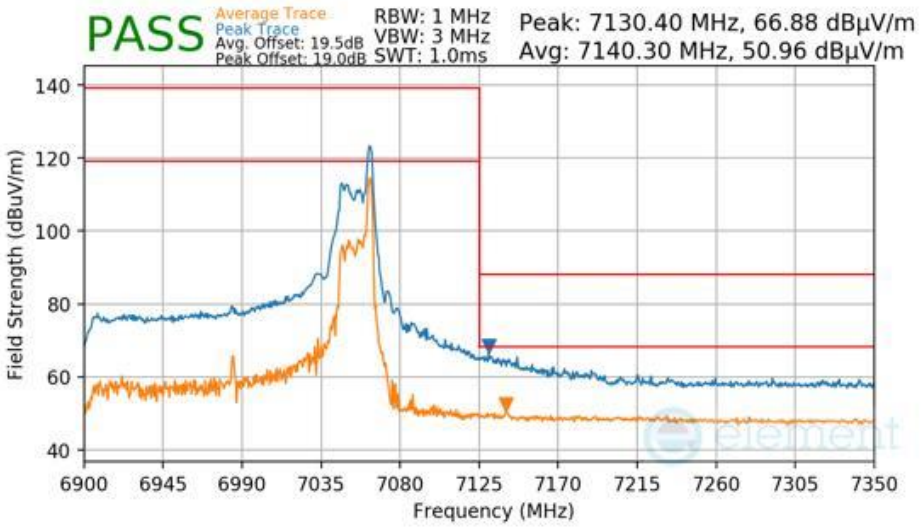
RU26

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2112 CDD Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

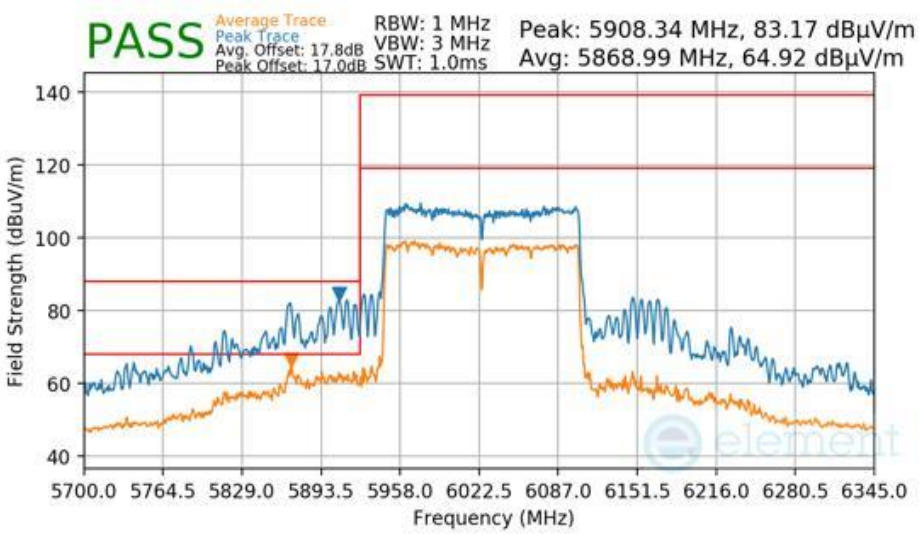
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-2113 CDD Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)

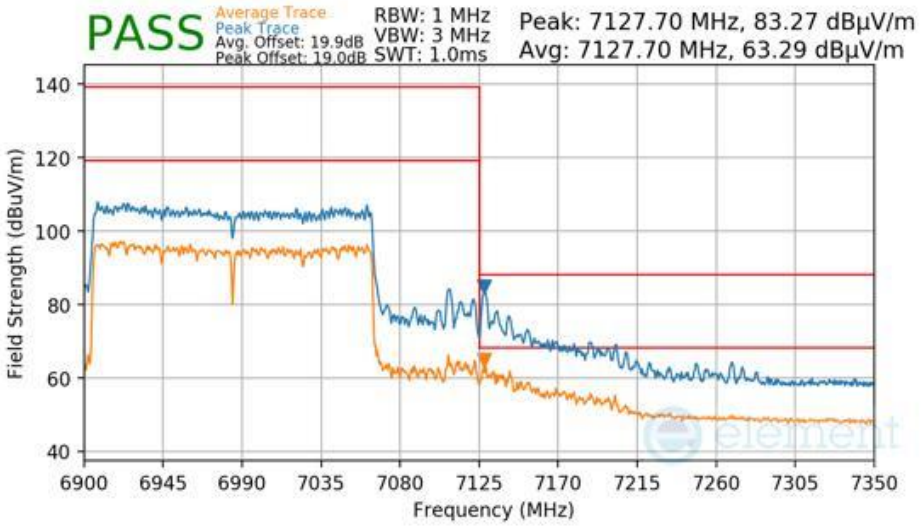
RU996x2

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-2114 CDD Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU996x2)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-2115 CDD Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU996x2)

7.8 Radiated Spurious Emissions – Below 1GHz

§15.209

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 must not exceed the limits shown in Table 7-356 per Section 15.209.

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 7-356. Radiated Limits

Test Procedures Used

ANSI C63.10-2020

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = quasi-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 diagrams below.

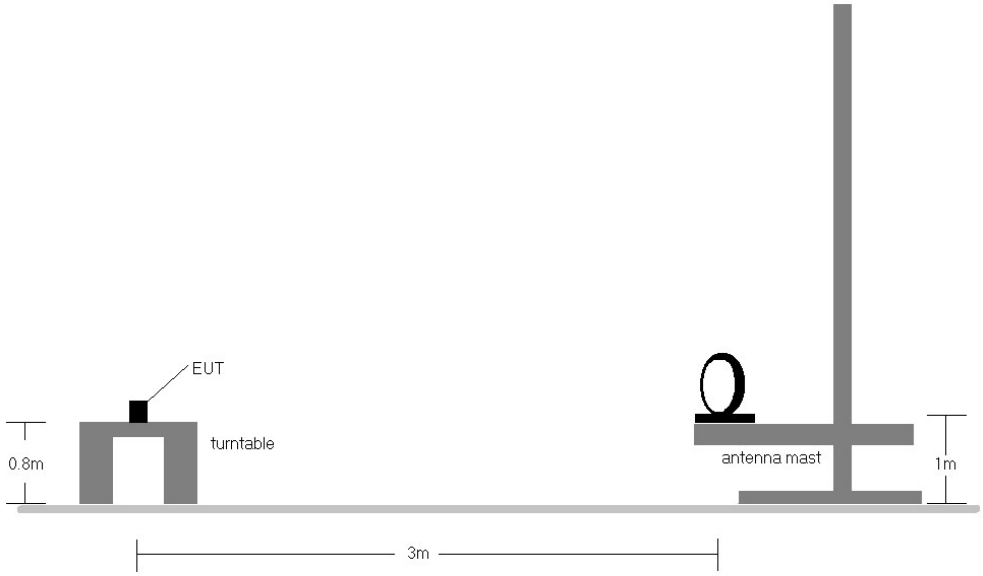


Figure 7-6. Radiated Test Setup < 30MHz

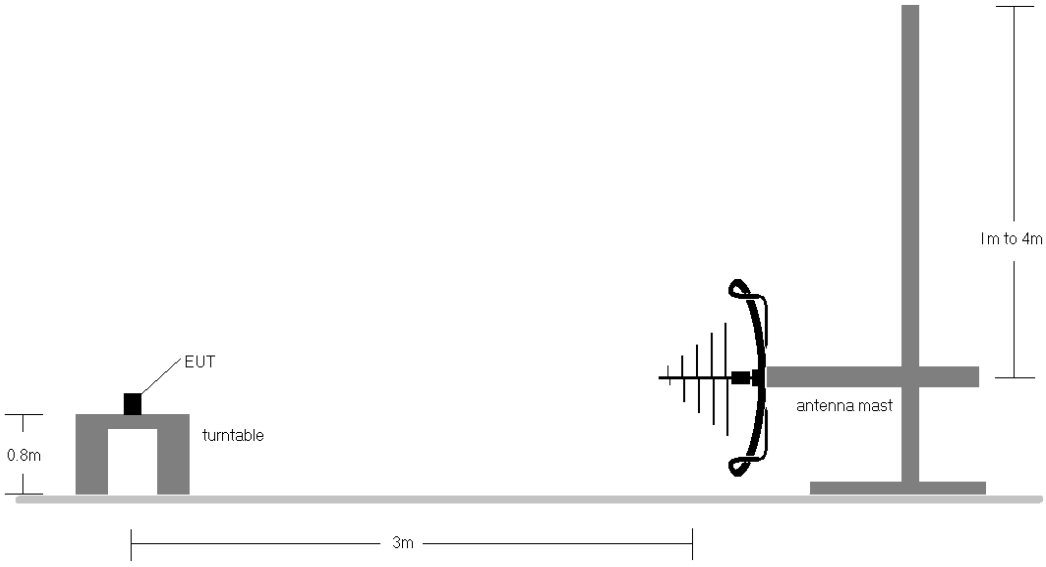


Figure 7-7. Radiated Test Setup < 1GHz

Test Notes

1. All emissions lying in restricted bands specified in §15.205 are below the limit shown in Table 7-356.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector on emissions that were within 6dB of the limit.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
9. Both configurations below were investigated, and the worst case has been reported.
    a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
    b. EUT powered by host PC via USB-C cable with wire charger
10. All antenna configurations were investigated and only the worst case is reported.
11. The unit was tested with all possible modes and only the highest emission is reported.

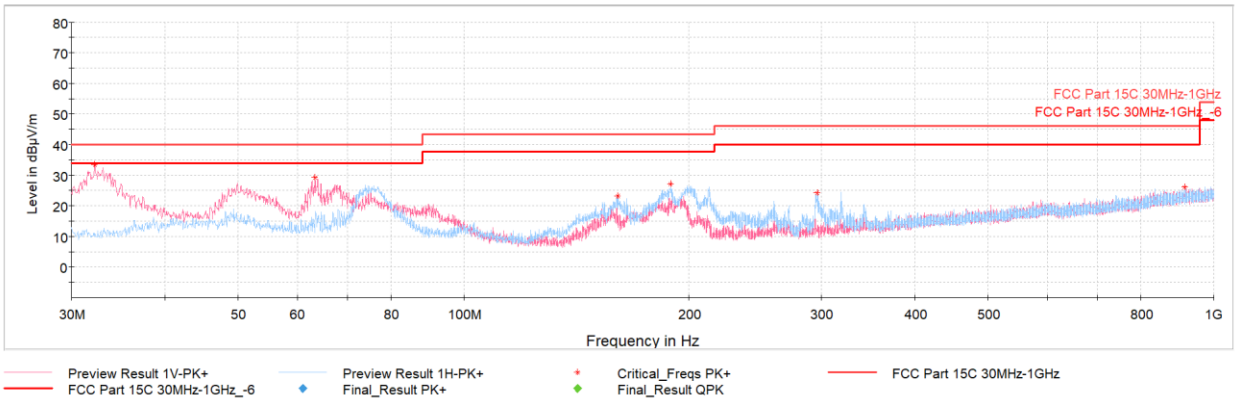
Sample Calculations

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 $_{[dB]}$ - Preamp Gain $_{[dB]}$
- Margin $_{[dB]}$ = Field Strength Level $_{[dB\mu V/m]}$ – Limit $_{[dB\mu V/m]}$

7.8.1 CDD Primary Radiated Spurious Emissions Measurements (Below 1GHz)

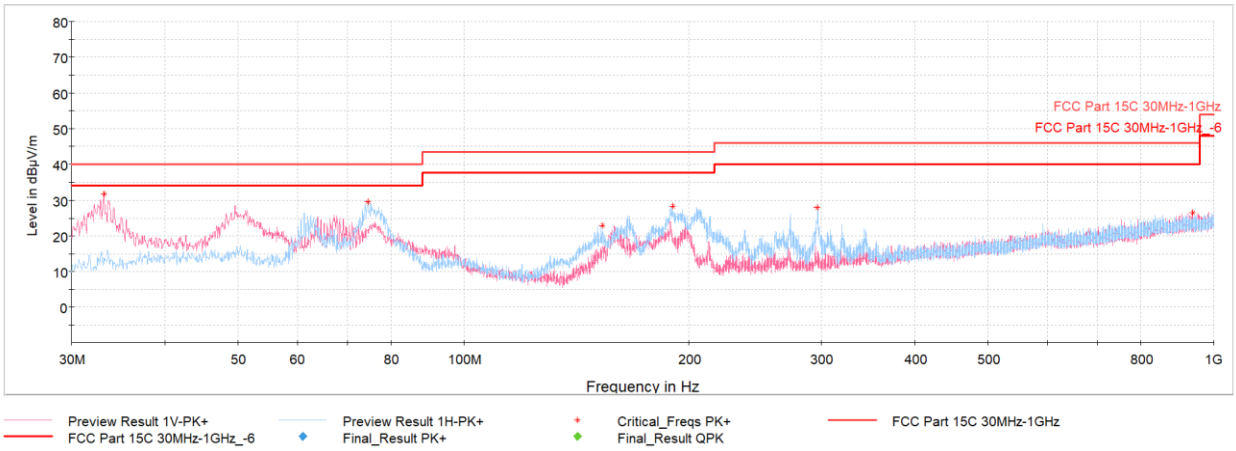
§15.209



Plot 7-2116. Radiated Spurious Emissions below 1GHz CDD Primary (802.11ax – Ch.1 – RU26) with AC/DC adaptor via USB-C cable with wire charger

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]
32.23	Max-Peak	V	100	21	-57.65	-15.96	33.39	40.00	-6.61
63.37	Max-Peak	V	100	230	-61.71	-15.98	29.31	40.00	-10.69
160.47	Max-Peak	H	100	189	-64.74	-19.01	23.25	43.52	-20.27
188.60	Max-Peak	H	200	322	-62.72	-17.17	27.11	43.52	-16.41
295.78	Max-Peak	H	100	67	-68.72	-13.99	24.29	46.02	-21.73
915.66	Max-Peak	H	100	167	-79.07	-1.92	26.01	46.02	-20.01

Table 7-357. Radiated Spurious Emissions below 1GHz CDD Primary (802.11ax – Ch.1 – RU26) with AC/DC adaptor via USB-C cable with wire charger



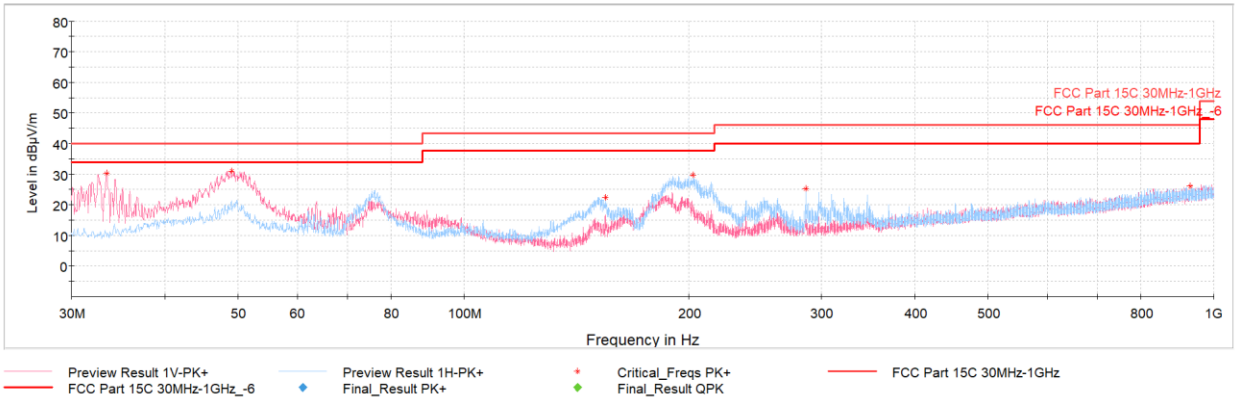
Plot 7-2117. Radiated Spurious Emissions below 1GHz CDD Primary (802.11ax – Ch.1 – RU242) with AC/DC adaptor via USB-C cable with wire charger

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]
33.15	Max-Peak	V	200	166	-59.59	-15.77	31.64	40.00	-8.36
74.57	Max-Peak	H	300	80	-57.44	-20.18	29.38	40.00	-10.62
153.29	Max-Peak	H	200	149	-64.66	-19.41	22.93	43.52	-20.59
190.20	Max-Peak	H	200	356	-61.78	-16.90	28.32	43.52	-15.20
296.02	Max-Peak	H	100	271	-65.17	-13.97	27.86	46.02	-18.16
936.95	Max-Peak	V	300	5	-78.46	-1.99	26.55	46.02	-19.47

Table 7-358. Radiated Spurious Emissions below 1GHz CDD Primary (802.11ax – Ch.1 – RU242) with AC/DC adaptor via USB-C cable with wire charger

7.8.2 CDD Diversity Radiated Spurious Emissions Measurements (Below 1GHz)

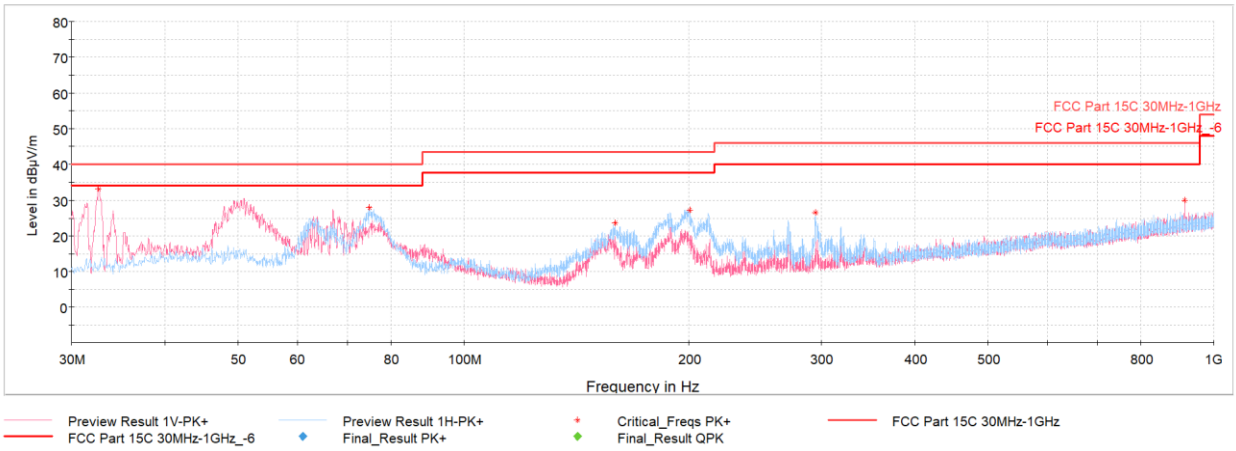
§15.209



Plot 7-2118. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11ax – Ch.1 – RU26) with AC/DC adaptor via USB-C cable with wire charger

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]
33.40	Max-Peak	V	100	236	-61.12	-15.70	30.18	40.00	-9.82
49.01	Max-Peak	V	200	244	-63.03	-12.84	31.13	40.00	-8.87
154.65	Max-Peak	H	200	166	-65.39	-19.34	22.27	43.52	-21.25
202.18	Max-Peak	H	100	161	-60.51	-16.86	29.63	43.52	-13.89
285.84	Max-Peak	H	100	243	-67.59	-14.20	25.21	46.02	-20.81
932.25	Max-Peak	V	300	217	-79.02	-1.96	26.02	46.02	-20.00

Table 7-359. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11ax – Ch.1 – RU26) with AC/DC adaptor via USB-C cable with wire charger



Plot 7-2119. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11ax – Ch.1 – RU242) with AC/DC adaptor via USB-C cable with wire charger

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]
32.62	Max-Peak	V	200	221	-58.07	-15.89	33.04	40.00	-6.96
74.81	Max-Peak	H	300	261	-58.86	-20.25	27.89	40.00	-12.11
159.20	Max-Peak	H	200	175	-64.46	-19.02	23.52	43.52	-20.00
200.04	Max-Peak	H	100	162	-63.19	-16.56	27.25	43.52	-16.27
294.62	Max-Peak	H	100	250	-66.37	-14.08	26.55	46.02	-19.47
914.59	Max-Peak	V	200	15	-75.09	-1.92	29.99	46.02	-16.03

Table 7-360. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11ax – Ch.1 – RU242) with AC/DC adaptor via USB-C cable with wire charger

7.9 AC Line-Conducted Emissions Measurement

§15.407

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 AC Line 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.

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 7-361. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2020, Section 6.2

Test Settings

Quasi-Peak 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 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.

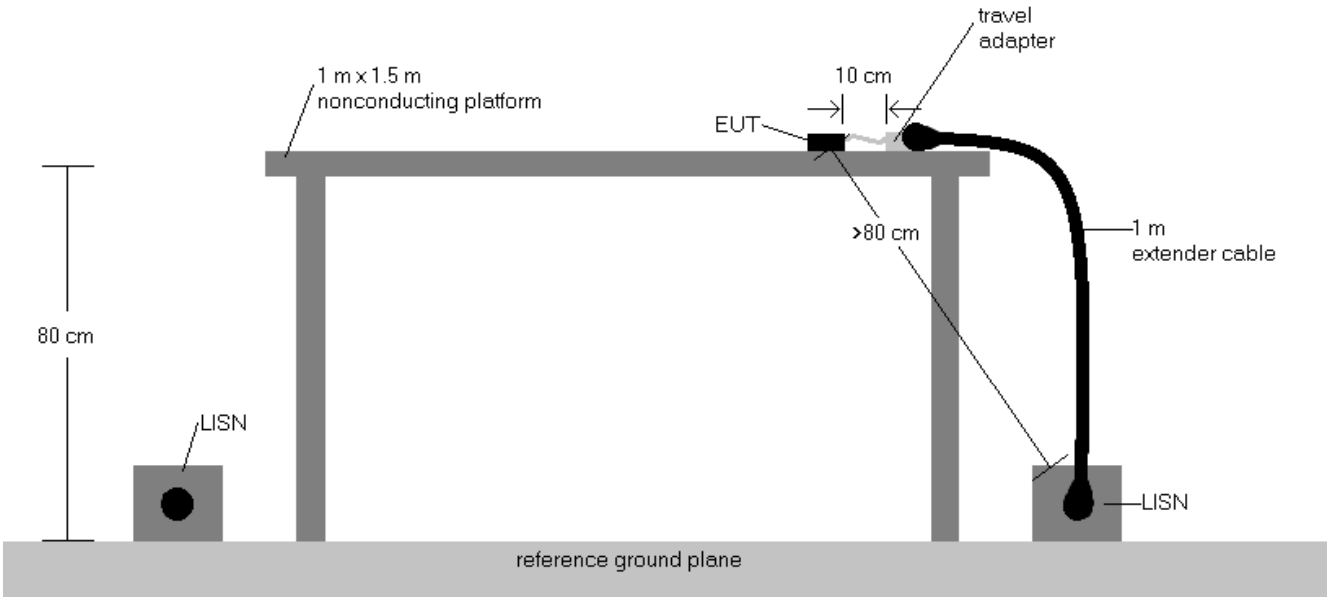
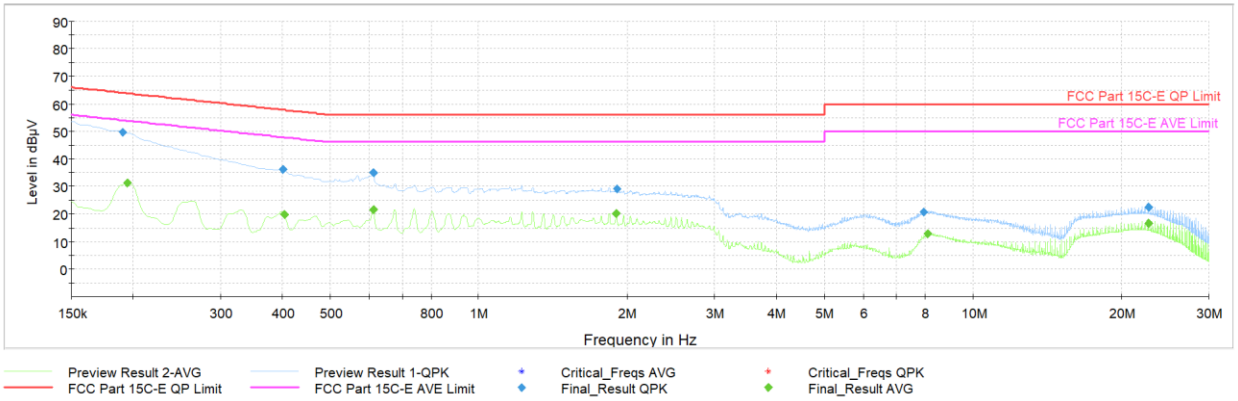


Figure 7-8. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
    a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
    b. EUT powered by host PC via USB-C cable with wire charger
3. The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207.
4. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
5. QP/AV Level (dBμV) = QP/AV Analyzer/Receiver Level (dBμV) + Correction Factor (dB)
6. Margin (dB) = QP/AV Level (dBμV) - QP/AV Limit (dBμV)
7. Traces shown in plots are made using quasi-peak and average detectors.
8. Deviations to the Specifications: None.
9. The unit was tested with all possible modes and only the highest emission is reported.

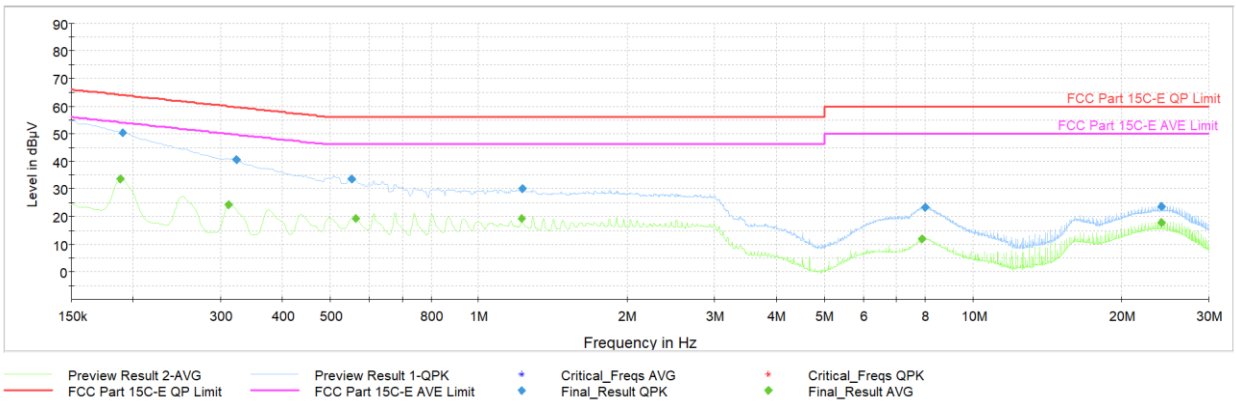
7.9.1 CDD Primary Line-Conducted Emissions Measurements



Plot 7-2120. AC Line Conducted Plot with CDD Primary 11ax UNII Band 5 – RU26 – Ch.1 (L1) with host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.191	FINAL	49.6	—	64.02	-14.42	L1	GND
0.195	FINAL	—	31.10	53.82	-22.72	L1	GND
0.402	FINAL	36.2	—	57.81	-21.59	L1	GND
0.404	FINAL	—	19.69	47.77	-28.07	L1	GND
0.611	FINAL	35.2	—	56.00	-20.83	L1	GND
0.611	FINAL	—	21.55	46.00	-24.45	L1	GND
1.898	FINAL	—	20.14	46.00	-25.86	L1	GND
1.901	FINAL	29.2	—	56.00	-26.85	L1	GND
7.955	FINAL	20.9	—	60.00	-39.15	L1	GND
8.111	FINAL	—	12.70	50.00	-37.30	L1	GND
22.668	FINAL	—	16.71	50.00	-33.29	L1	GND
22.668	FINAL	22.5	—	60.00	-37.53	L1	GND

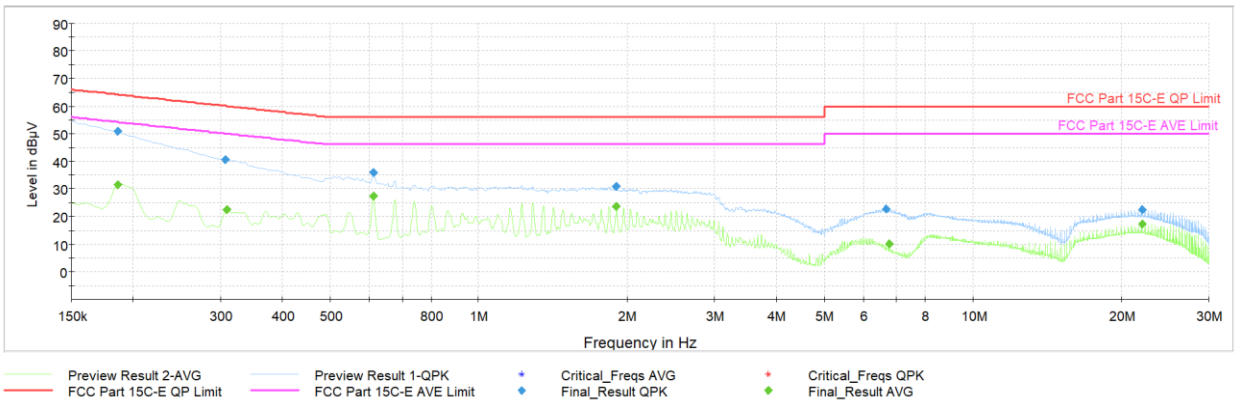
Table 7-362. AC Line Conducted Data with CDD Primary 11ax UNII Band 5 – RU26 – Ch.1 (L1) with host PC via USB-C cable with wire charger



Plot 7-2121. AC Line Conducted Plot with CDD Primary 11ax UNII Band 5 – RU26 – Ch.1 (N) with host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.188	FINAL	—	33.46	54.11	-20.66	N	GND
0.191	FINAL	50.4	—	64.02	-13.66	N	GND
0.312	FINAL	—	24.26	49.92	-25.66	N	GND
0.323	FINAL	40.5	—	59.62	-19.12	N	GND
0.553	FINAL	33.6	—	56.00	-22.41	N	GND
0.564	FINAL	—	19.27	46.00	-26.73	N	GND
1.223	FINAL	—	19.37	46.00	-26.63	N	GND
1.226	FINAL	30.0	—	56.00	-25.97	N	GND
7.892	FINAL	—	11.81	50.00	-38.19	N	GND
7.998	FINAL	23.4	—	60.00	-36.60	N	GND
24.113	FINAL	—	17.80	50.00	-32.20	N	GND
24.115	FINAL	23.5	—	60.00	-36.48	N	GND

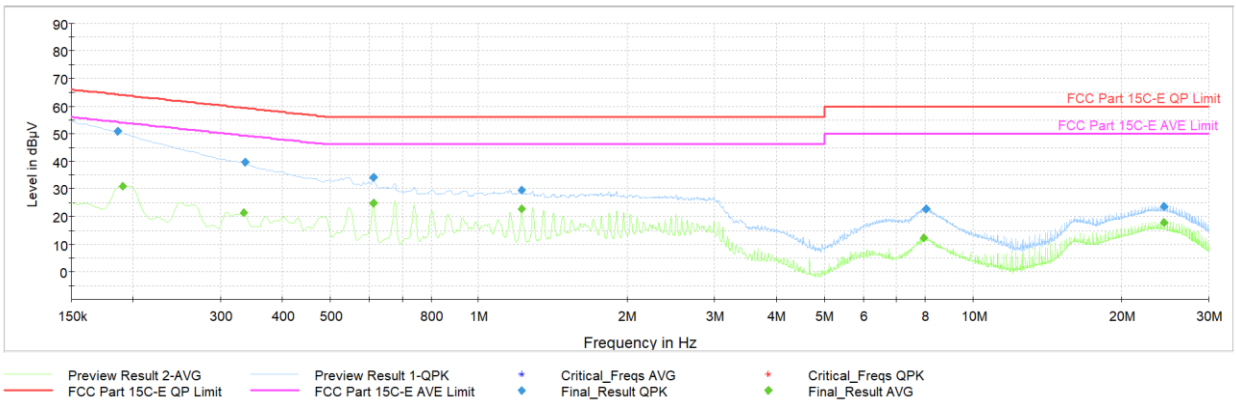
Table 7-363. AC Line Conducted Data with CDD Primary 11ax UNII Band 5 – RU26 – Ch.1 (N) with host PC via USB-C cable with wire charger



Plot 7-2122. AC Line Conducted Plot with CDD Primary 11ax UNII Band 5 – RU242 – Ch.1 (L1) with host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.186	FINAL	—	31.62	54.21	-22.59	L1	GND
0.186	FINAL	50.9	—	64.21	-13.32	L1	GND
0.308	FINAL	40.6	—	60.04	-19.42	L1	GND
0.310	FINAL	—	22.47	49.98	-27.51	L1	GND
0.611	FINAL	—	27.42	46.00	-18.58	L1	GND
0.611	FINAL	36.0	—	56.00	-20.01	L1	GND
1.898	FINAL	30.9	—	56.00	-25.07	L1	GND
1.898	FINAL	—	23.75	46.00	-22.25	L1	GND
6.666	FINAL	22.8	—	60.00	-37.25	L1	GND
6.779	FINAL	—	10.04	50.00	-39.96	L1	GND
22.002	FINAL	—	17.08	50.00	-32.92	L1	GND
22.002	FINAL	22.5	—	60.00	-37.48	L1	GND

Table 7-364. AC Line Conducted Data with CDD Primary 11ax UNII Band 5 – RU242 – Ch.1 (L1) with host PC via USB-C cable with wire charger

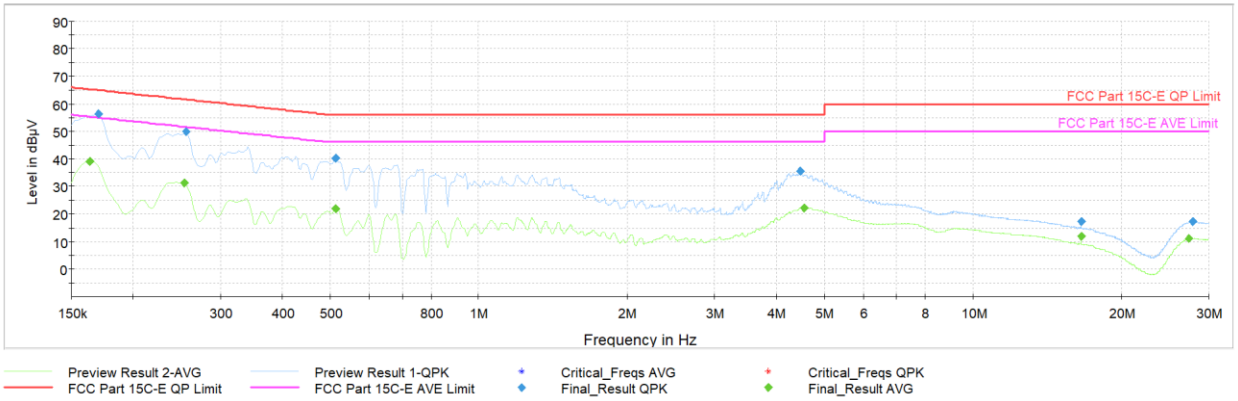


Plot 7-2123. AC Line Conducted Plot with CDD Primary 11ax UNII Band 5 – RU242 – Ch.1 (N) with host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.186	FINAL	50.9	—	64.21	-13.29	N	GND
0.191	FINAL	—	30.98	54.02	-23.03	N	GND
0.335	FINAL	—	21.23	49.34	-28.11	N	GND
0.337	FINAL	39.7	—	59.28	-19.59	N	GND
0.611	FINAL	—	24.90	46.00	-21.10	N	GND
0.611	FINAL	34.2	—	56.00	-21.82	N	GND
1.221	FINAL	29.4	—	56.00	-26.63	N	GND
1.223	FINAL	—	22.81	46.00	-23.19	N	GND
7.951	FINAL	—	12.33	50.00	-37.67	N	GND
8.023	FINAL	22.8	—	60.00	-37.18	N	GND
24.335	FINAL	—	17.73	50.00	-32.27	N	GND
24.335	FINAL	23.7	—	60.00	-36.34	N	GND

Table 7-365. AC Line Conducted Data with CDD Primary 11ax UNII Band 5 – RU242 – Ch.1 (N) with host PC via USB-C cable with wire charger

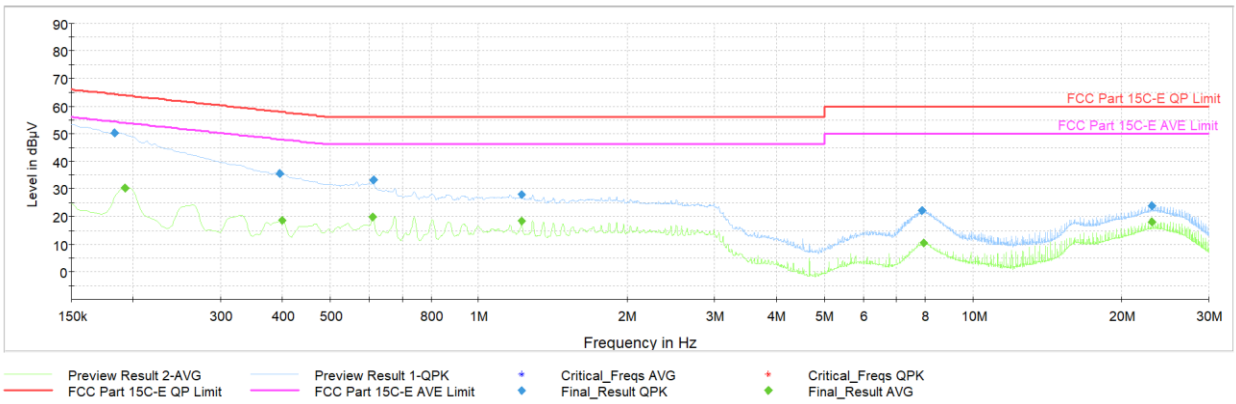
7.9.2 CDD Diversity Line-Conducted Emissions Measurements



Plot 7-2124. AC Line Conducted Plot with CDD Diversity 11ax UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.164	FINAL	—	39.27	55.28	-16.02	L1	GND
0.170	FINAL	56.4	—	64.95	-8.60	L1	GND
0.254	FINAL	—	31.13	51.64	-20.51	L1	GND
0.256	FINAL	50.0	—	61.57	-11.58	L1	GND
0.515	FINAL	—	21.83	46.00	-24.17	L1	GND
0.515	FINAL	40.2	—	56.00	-15.81	L1	GND
4.472	FINAL	35.5	—	56.00	-20.52	L1	GND
4.558	FINAL	—	22.10	46.00	-23.90	L1	GND
16.571	FINAL	17.2	—	60.00	-42.77	L1	GND
16.571	FINAL	—	11.95	50.00	-38.05	L1	GND
27.344	FINAL	—	10.92	50.00	-39.08	L1	GND
27.870	FINAL	17.3	—	60.00	-42.71	L1	GND

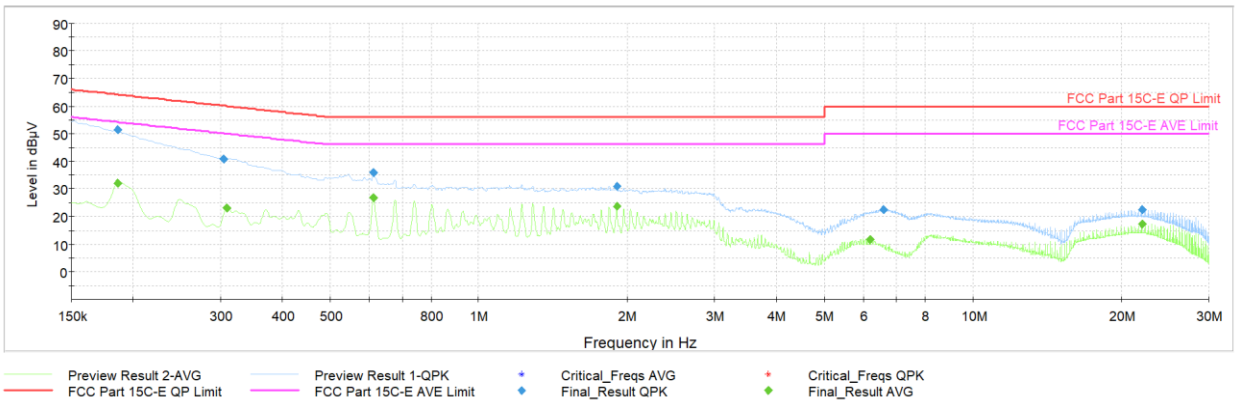
Table 7-366. AC Line Conducted Data with CDD Diversity 11ax UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC adaptor via USB-C cable with wire charger



Plot 7-2125. AC Line Conducted Plot with CDD Diversity 11ax UNII Band 5 – RU26 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.184	FINAL	50.3	—	64.31	-14.05	N	GND
0.193	FINAL	—	30.38	53.92	-23.54	N	GND
0.395	FINAL	35.5	—	57.95	-22.48	N	GND
0.400	FINAL	—	18.64	47.86	-29.22	N	GND
0.609	FINAL	—	19.78	46.00	-26.22	N	GND
0.611	FINAL	33.2	—	56.00	-22.80	N	GND
1.223	FINAL	28.0	—	56.00	-28.05	N	GND
1.223	FINAL	—	18.30	46.00	-27.70	N	GND
7.892	FINAL	22.1	—	60.00	-37.89	N	GND
7.946	FINAL	—	10.38	50.00	-39.62	N	GND
23.001	FINAL	—	18.07	50.00	-31.93	N	GND
23.001	FINAL	23.8	—	60.00	-36.22	N	GND

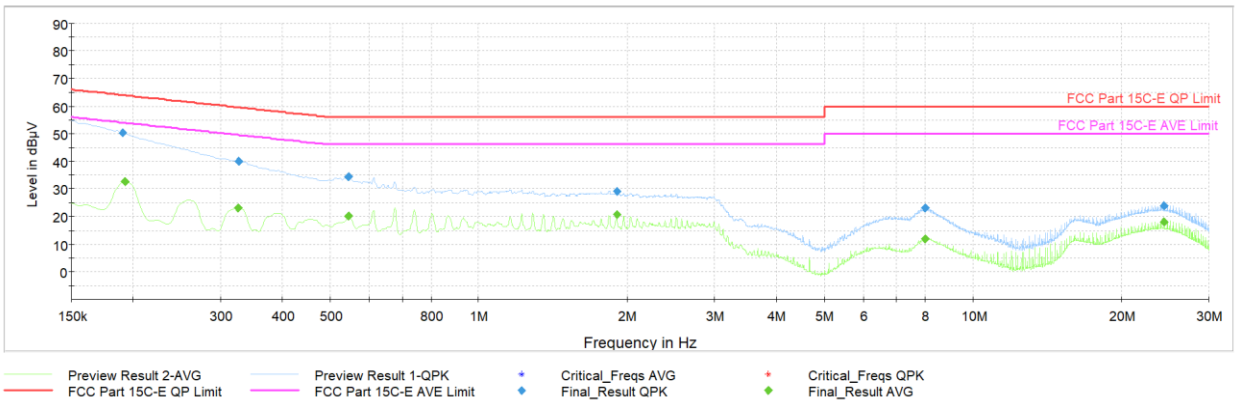
Table 7-367. AC Line Conducted Data with CDD Diversity 11ax UNII Band 5 – RU26 – Ch.1 (N) with AC/DC adaptor via USB-C cable with wire charger



Plot 7-2126. AC Line Conducted Plot with CDD Diversity 11ax UNII Band 5 – RU242 – Ch.1 (L1) with host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.186	FINAL	—	32.24	54.21	-21.98	L1	GND
0.186	FINAL	51.4	—	64.21	-12.86	L1	GND
0.305	FINAL	40.9	—	60.10	-19.21	L1	GND
0.310	FINAL	—	23.12	49.98	-26.86	L1	GND
0.611	FINAL	36.0	—	56.00	-20.05	L1	GND
0.611	FINAL	—	26.97	46.00	-19.03	L1	GND
1.901	FINAL	30.9	—	56.00	-25.14	L1	GND
1.901	FINAL	—	23.51	46.00	-22.49	L1	GND
6.180	FINAL	—	11.68	50.00	-38.32	L1	GND
6.594	FINAL	22.6	—	60.00	-37.41	L1	GND
22.002	FINAL	—	17.14	50.00	-32.86	L1	GND
22.002	FINAL	22.5	—	60.00	-37.50	L1	GND

Table 7-368. AC Line Conducted Data with CDD Diversity 11ax UNII Band 5 – RU242 – Ch.1 (L1) with host PC via USB-C cable with wire charger



Plot 7-2127. AC Line Conducted Plot with CDD Diversity 11ax UNII Band 5 – RU242 – Ch.1 (N) with host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.191	FINAL	50.1	—	64.02	-13.87	N	GND
0.193	FINAL	—	32.58	53.92	-21.33	N	GND
0.326	FINAL	—	23.14	49.57	-26.43	N	GND
0.328	FINAL	40.1	—	59.51	-19.40	N	GND
0.546	FINAL	34.6	—	56.00	-21.45	N	GND
0.546	FINAL	—	20.15	46.00	-25.85	N	GND
1.901	FINAL	29.2	—	56.00	-26.80	N	GND
1.901	FINAL	—	20.82	46.00	-25.18	N	GND
7.998	FINAL	—	11.99	50.00	-38.01	N	GND
8.003	FINAL	23.1	—	60.00	-36.93	N	GND
24.335	FINAL	—	17.97	50.00	-32.03	N	GND
24.335	FINAL	24.0	—	60.00	-36.01	N	GND

Table 7-369. AC Line Conducted Data with CDD Diversity 11ax UNII Band 5 – RU242 – Ch.1 (N) with host PC via USB-C cable with wire charger

7.10 Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point

§15.407

Test Overview and Limits

A client device that connects to a Standard Power AP must limit its power to a minimum of 6 dB lower than its associated Standard Power access point's authorized transmit power. The term "authorized" means the AFC-approved power level for the AP to use on a particular channel.

Test Procedure Used

KDB 987594 D02 v02r01 – Section L
ANSI C63.10-2020 – Section 12.4.3.2 Method PM-G
ANSI C63.10-2020 – Section 14.4 Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

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

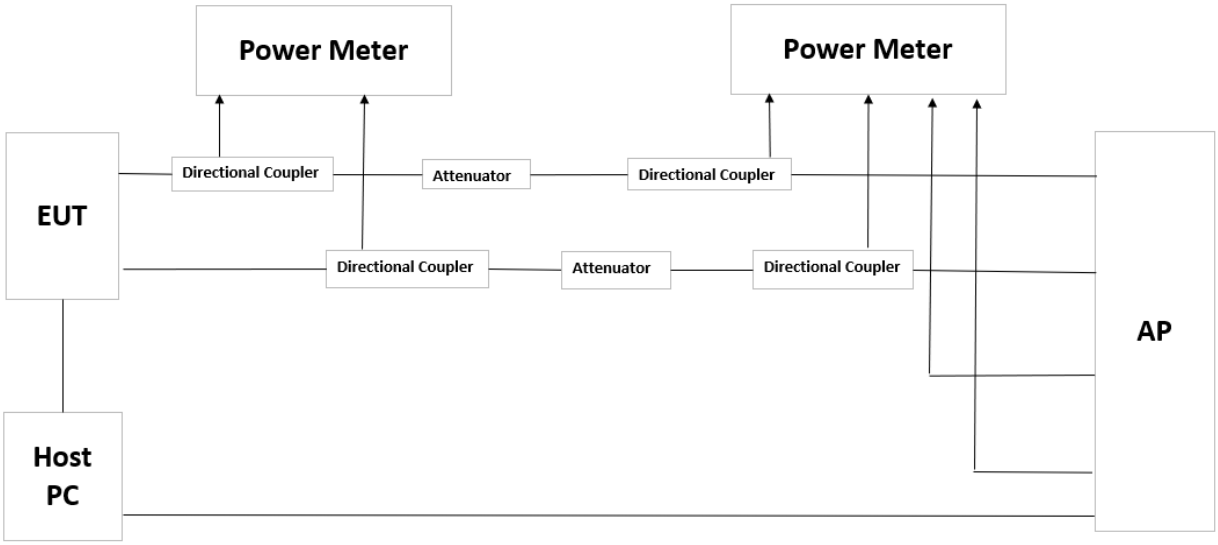


Figure 7-9. Test Instrument & Measurement Setup

Test Notes

1. AFC Limit was set to 36, 28 and 21 dBm EIRP.
2. Standard Power AP which was used in the test setup is not certified and it's a production version.
3. Standard Power AP specification is declared by Apple/manufacturer.

AFC Authorized Power (36dBm EIRP)

Channel	Frequency (MHz)	Power Measured (dBm)			Correlated Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
		Antenna 5T	Antenna 3b	Summed				
37	6135	12.15	9.22	13.94	3.70	17.64	30.00	-12.36

Table 7-370: EUT measured e.i.r.p (MIMO)

AFC Authorized Power (28dBm EIRP)

Channel	Frequency (MHz)	Power Measured (dBm)			Correlated Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
		Antenna 5T	Antenna 3b	Summed				
37	6135	12.07	9.02	13.82	3.70	17.52	22.00	-4.48

Table 7-371: EUT measured e.i.r.p (MIMO)

AFC Authorized Power (21dBm EIRP)

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
5T	37	6135	9.50	3.70	13.20	15.00	-1.80
3b	37	6135	7.92	0.60	8.52	15.00	-6.48

Table 7-372: EUT measured e.i.r.p (SISO)

7.11 Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

§15.407

Test Overview and Limits

A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP. A client may also connect to a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP. If a client has the flexibility to connect to both APs, verification is needed to show that it can distinguish between the two configurations, and then control the power levels accordingly.

Test Procedure Used

KDB 987594 D02 v02r01 – Section K
ANSI C63.10-2020 – Section 12.4.3.2 Method PM-G
ANSI C63.10-2020 – Section 14.4 Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

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

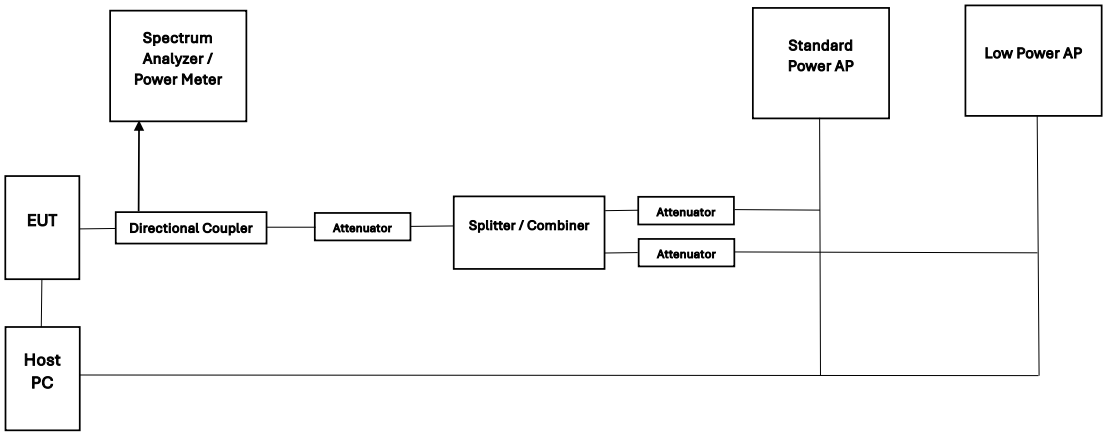
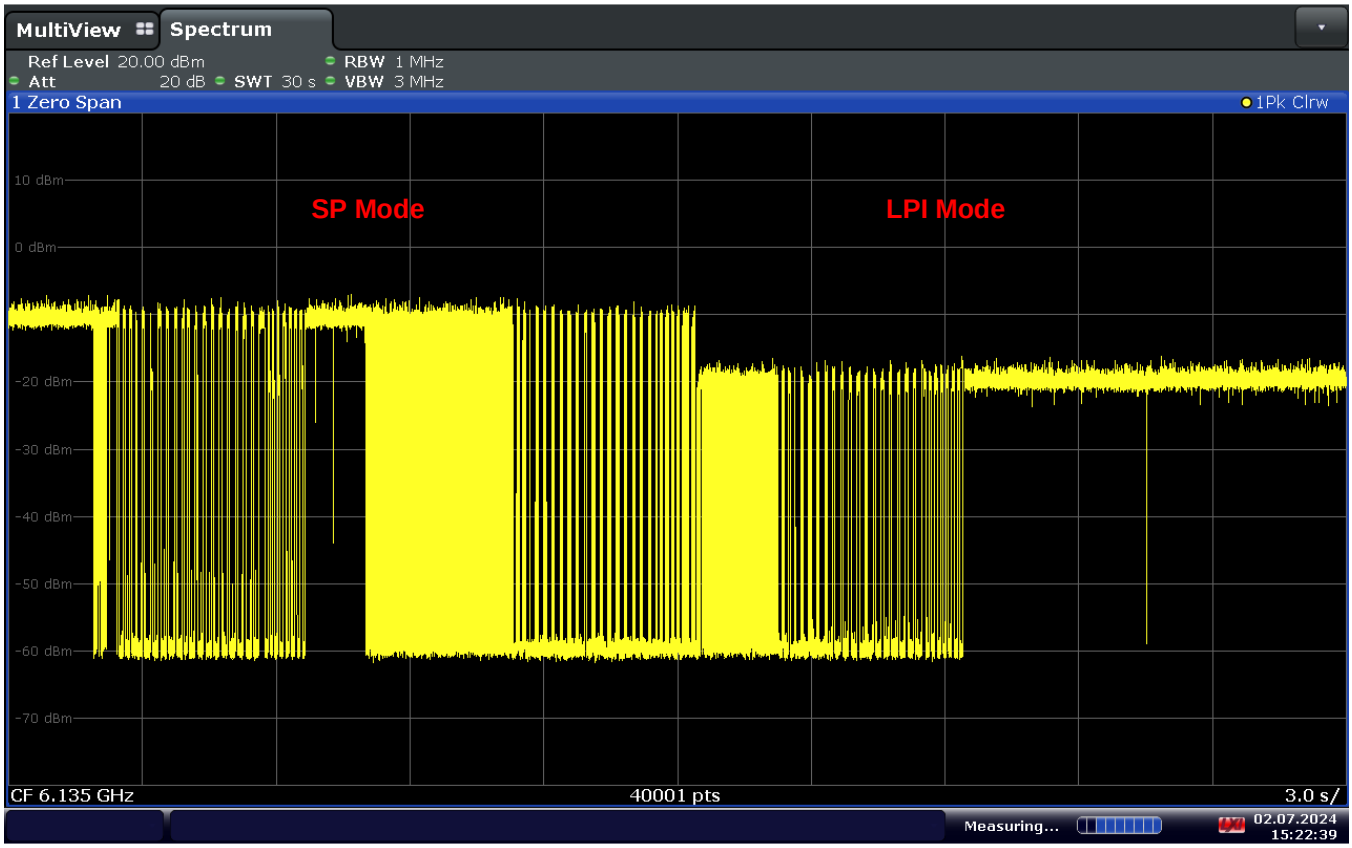


Figure 7-10. Test Instrument & Measurement Setup

Test Notes

1. Standard Power AP was set on highest power setting (36dBm EIRP)
2. Standard Power AP and Low Power Indoor AP were configured to transmit on same channel.
3. DUT was configured for SISO transmission so Antenna 3b was measured.

Element



15:22:40 02.07.2024

Plot 7-2128. Client device observation from Standard Power AP to Low Power Indoor AP

Channel	Frequency (MHz)	Mode	Power Measured (dBm)					Correlated Gain (dBi)	Measured e.i.r.p
			Ant0	Ant1	Ant2	Ant3	Summed		
37	6135	TxBF	19.62	19.86	19.55	19.63	25.69	6.02	31.71

Table 7-373: Measured e.i.r.p from Standard Power AP

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)
5T	37	6135	12.06	3.7	15.76

Table 7-374: EUT measured e.i.r.p when established with Standard Power AP

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)
5T	37	6135	2.12	3.7	5.82

Table 7-375: EUT measured e.i.r.p when established with Low Power Indoor AP

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2995** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.