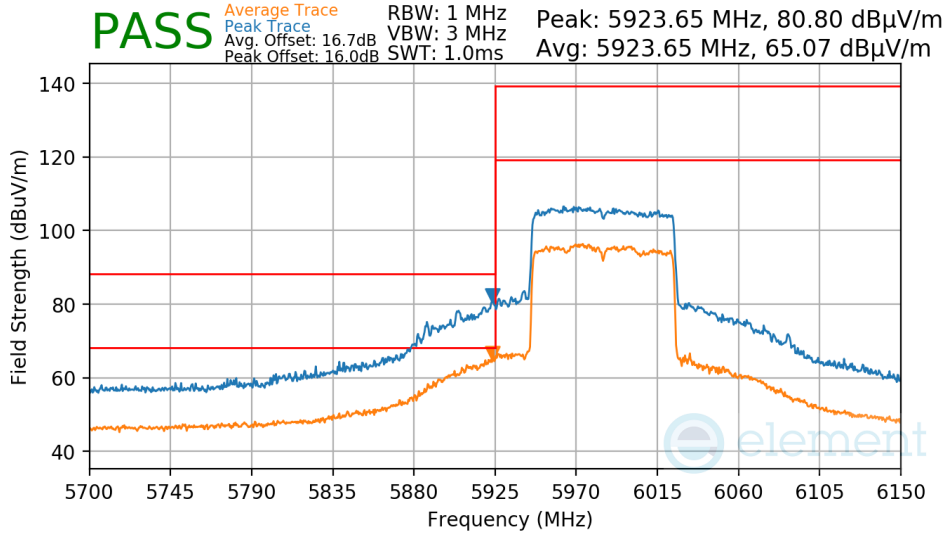
7.8.12 Antenna 3b Radiated Band Edge Measurements (80MHz BW)

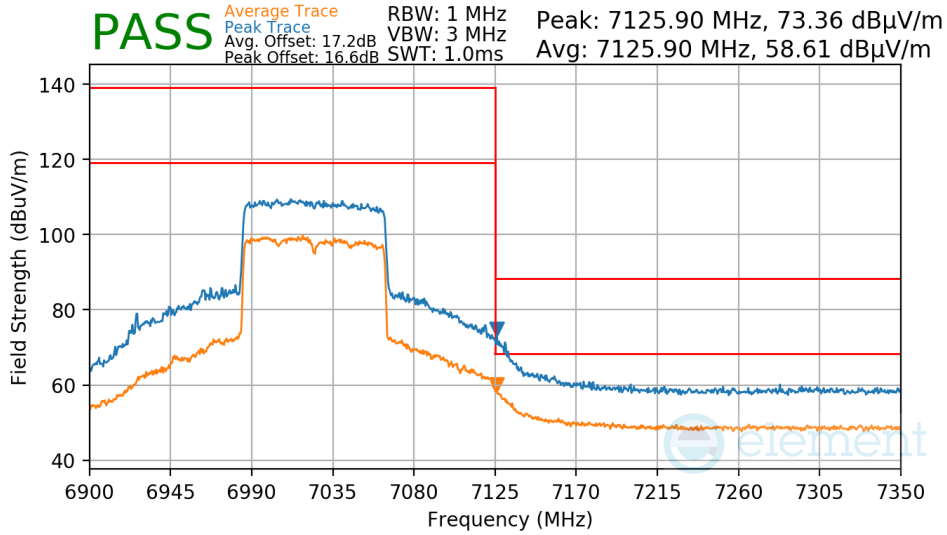
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-691. Antenna 3b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

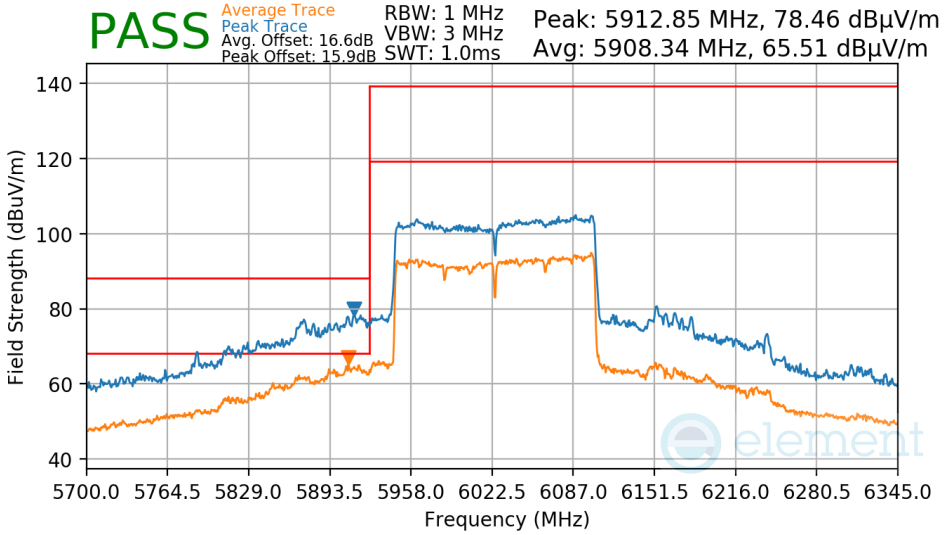


Plot 7-692. Antenna 3b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

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

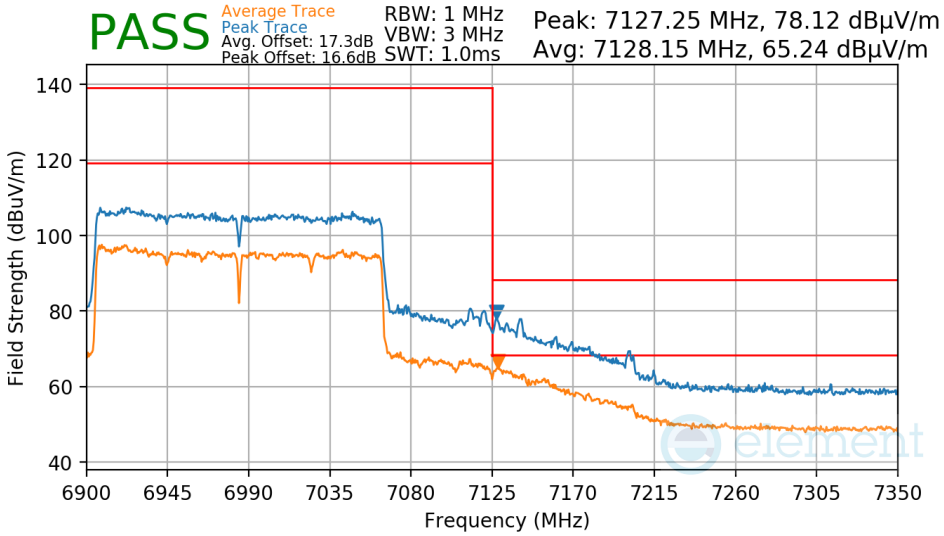
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-693. Antenna 3b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

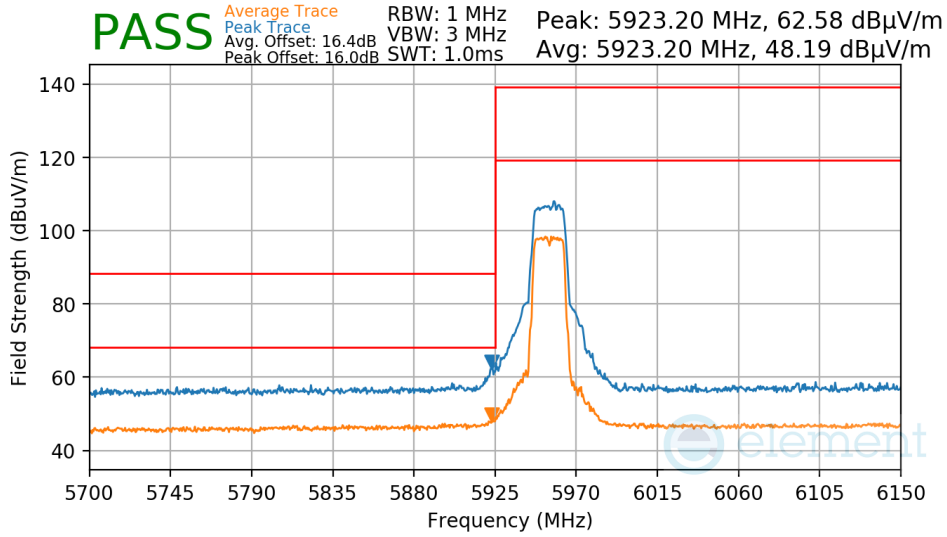


Plot 7-694. Antenna 3b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

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

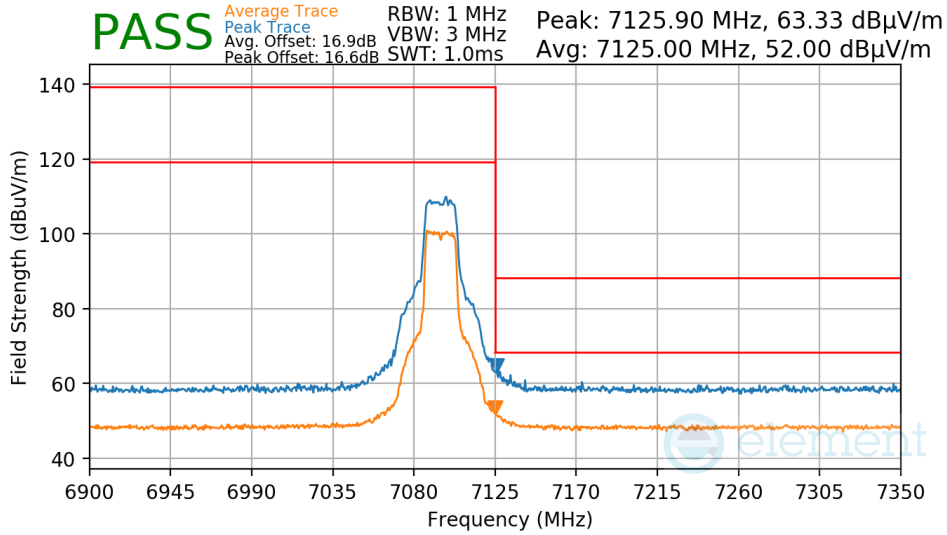
§15.407(b.1)(b.2) §15.205 §15.209

Worst Case Mode:	802.11a
Worst Case Transfer Rate:	54Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1



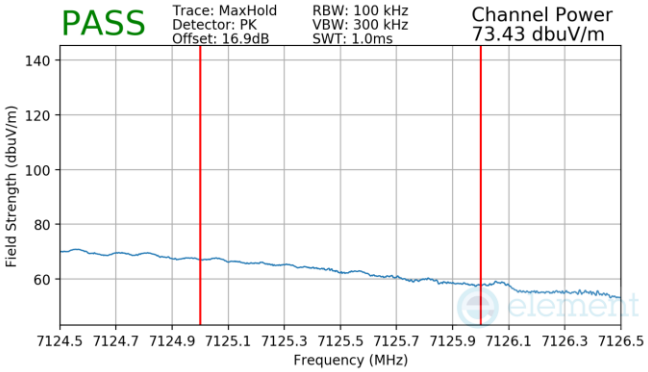
Plot 7-695. Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5)

Worst Case Mode:	802.11a
Worst Case Transfer Rate:	54Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	7095MHz
Channel:	229

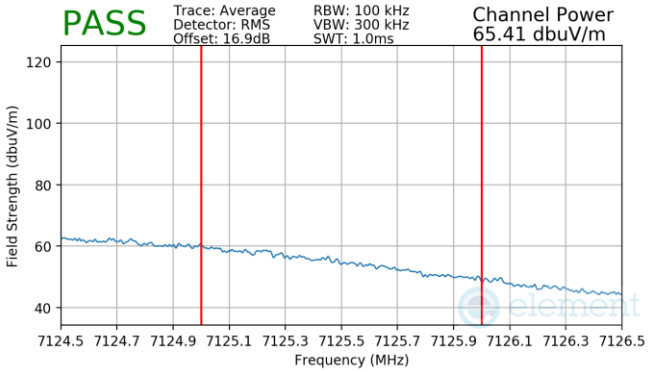


Plot 7-696. Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8)

Worst Case Mode:	802.11a
Worst Case Transfer Rate:	54Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233

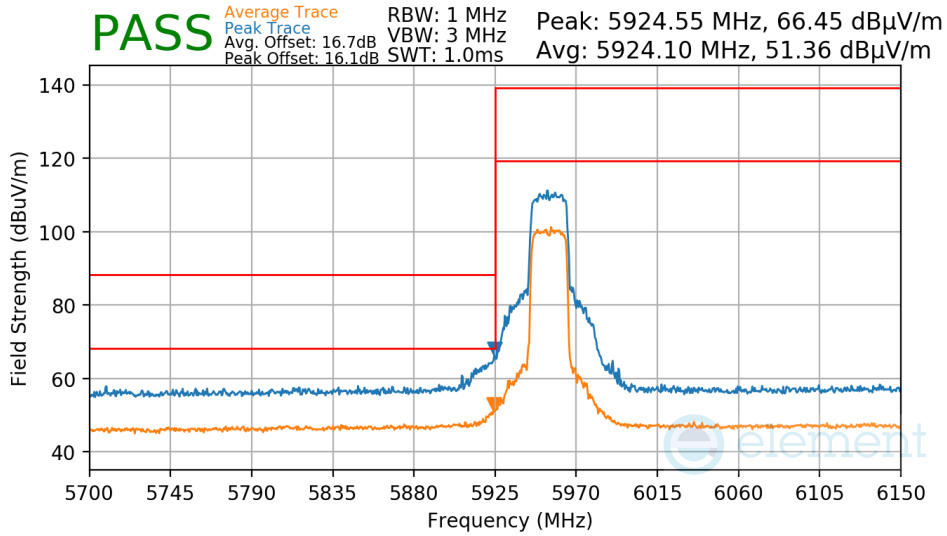


Plot 7-697. Antenna 1b Radiated Upper Band Edge (Peak – UNII Band 8)



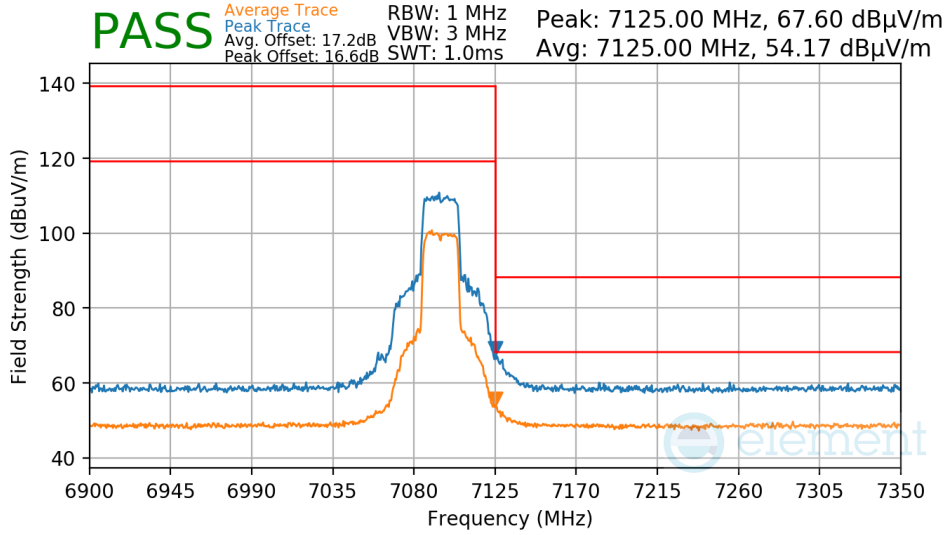
Plot 7-698. Antenna 1b Radiated Upper Band Edge (Average – UNII Band 8)

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



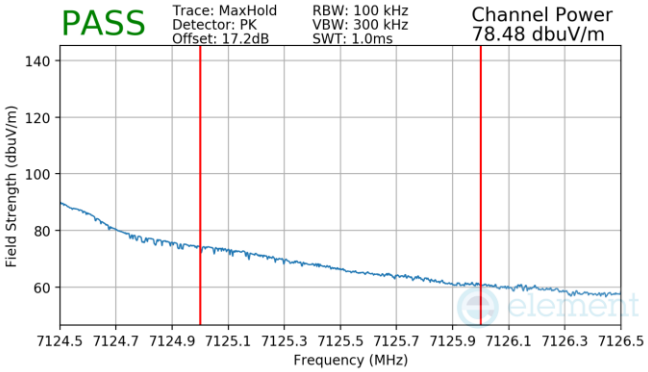
Plot 7-699. Antenna 1b Radiated Lower Band Edge (Peak/Average – UNII Band 5)

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

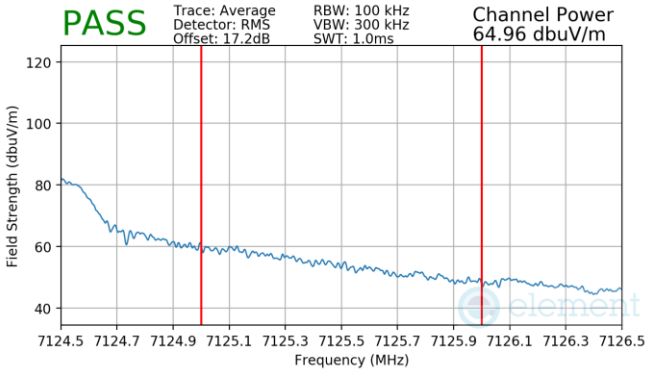


Plot 7-700. Antenna 1b Radiated Upper Band Edge (Peak/Average – UNII Band 8)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



Plot 7-701. Antenna 1b Radiated Upper Band Edge (Peak – UNII Band 8)

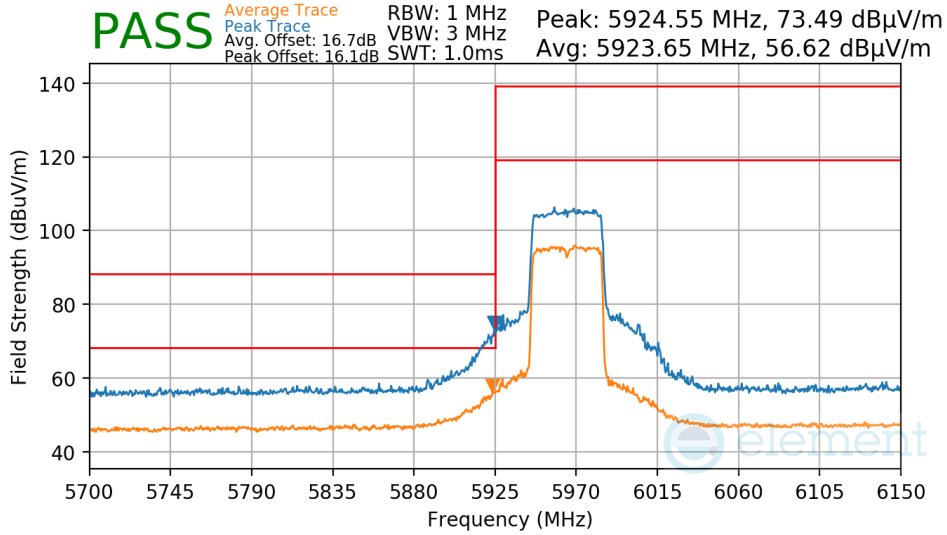


Plot 7-702. Antenna 1b Radiated Upper Band Edge (Average – UNII Band 8)

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

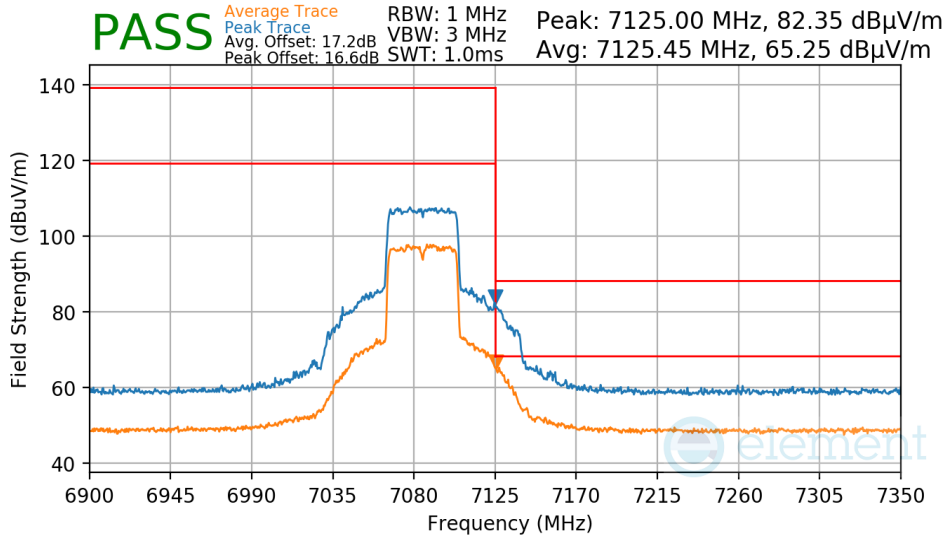
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-703. Antenna 1b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

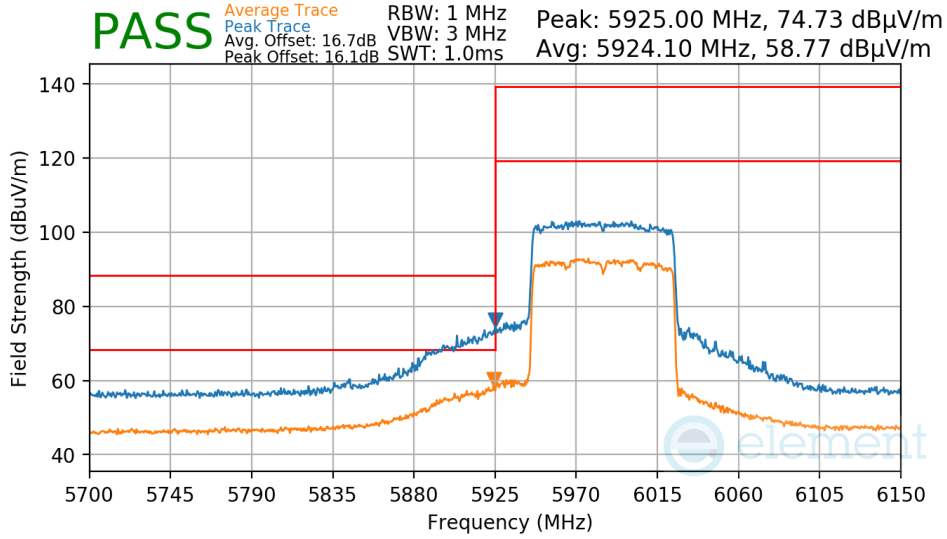


Plot 7-704. Antenna 1b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

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

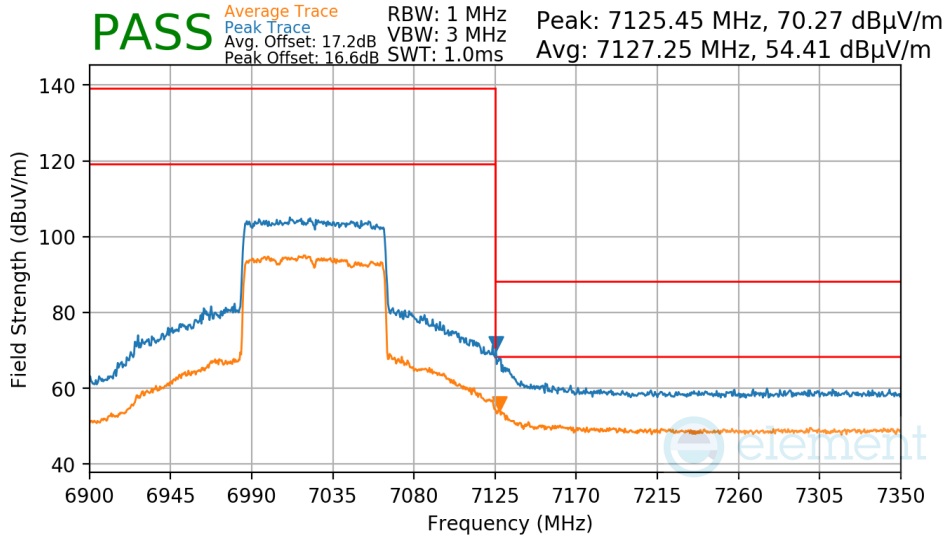
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-705. Antenna 1b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

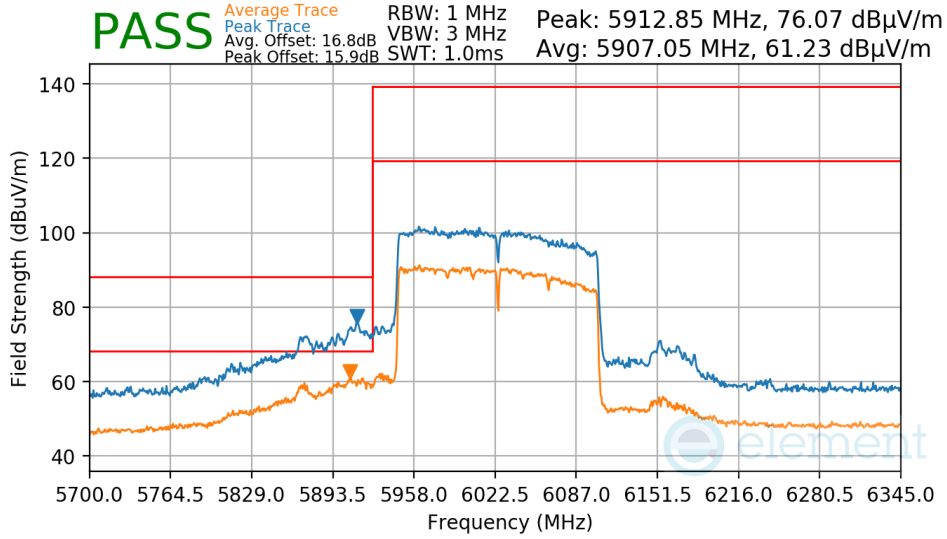


Plot 7-706. Antenna 1b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

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

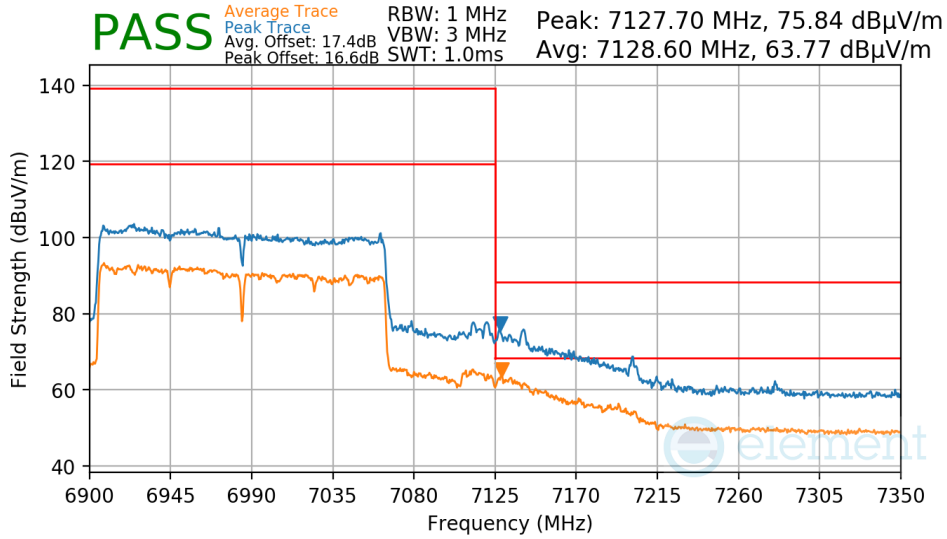
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-707. Antenna 1b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

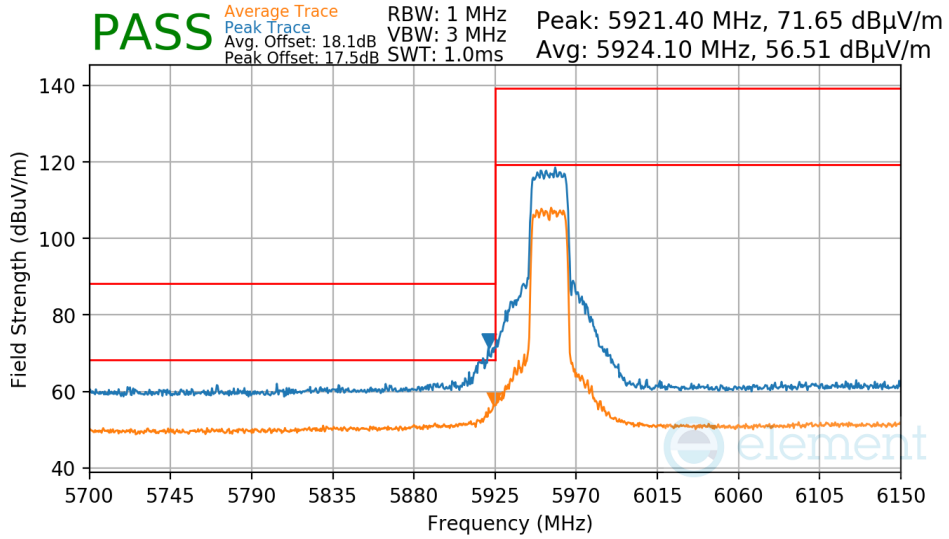


Plot 7-708. Antenna 1b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

7.8.18 SDM Primary Radiated Band Edge Measurements (20MHz BW)

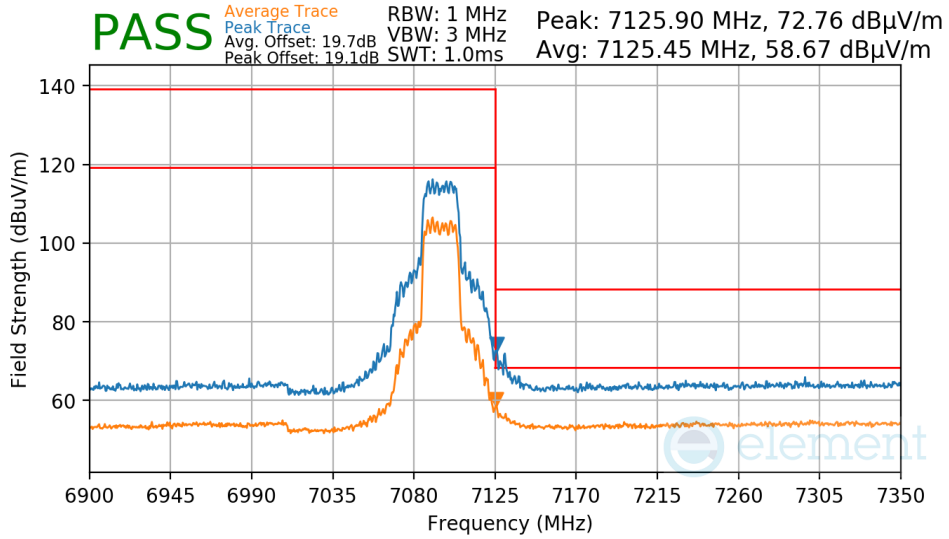
§15.407(b.1)(b.2) §15.205 §15.209

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



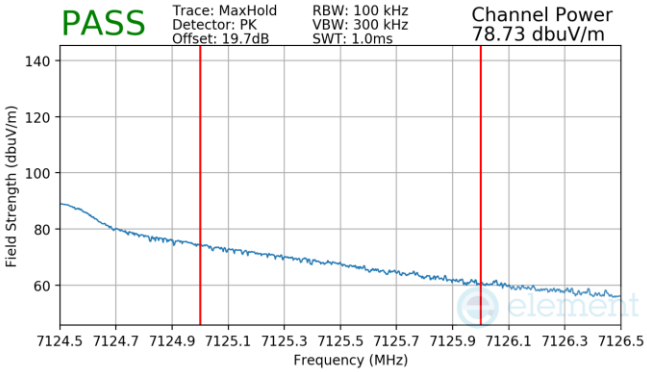
Plot 7-709. SDM Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5)

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

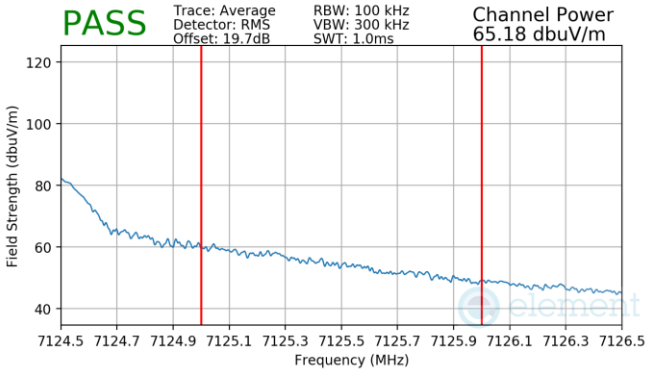


Plot 7-710. SDM Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



Plot 7-711. SDM Primary Radiated Upper Band Edge (Peak – UNII Band 8)

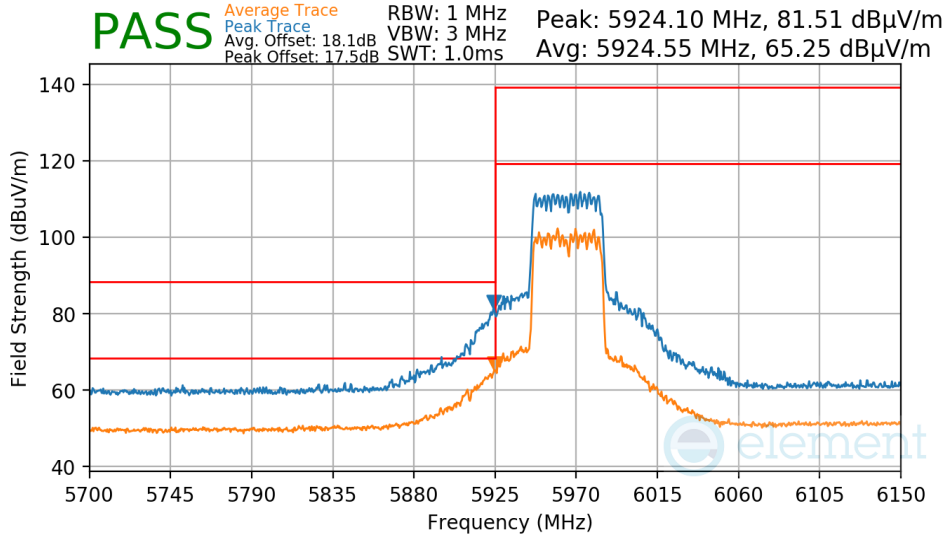


Plot 7-712. SDM Primary Radiated Upper Band Edge (Average – UNII Band 8)

7.8.19 SDM Primary Radiated Band Edge Measurements (40MHz BW)

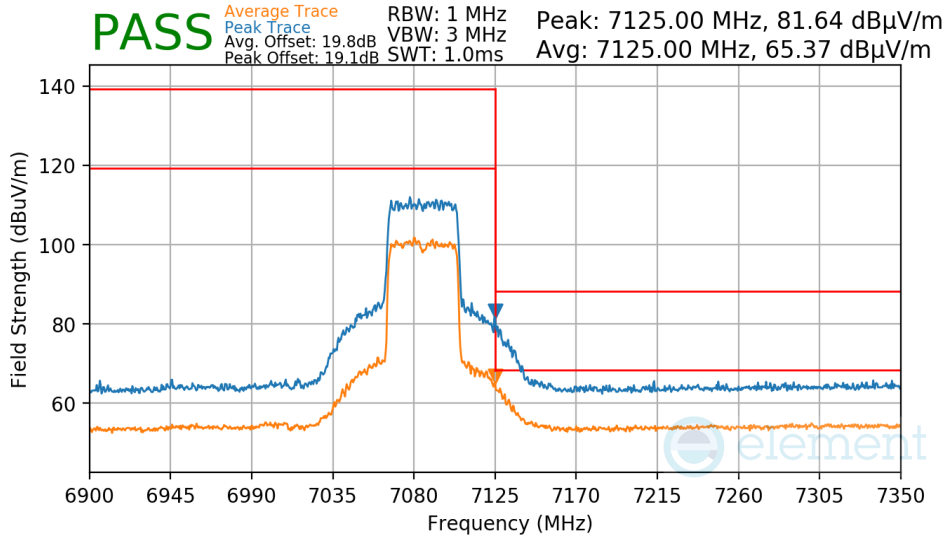
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-713. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

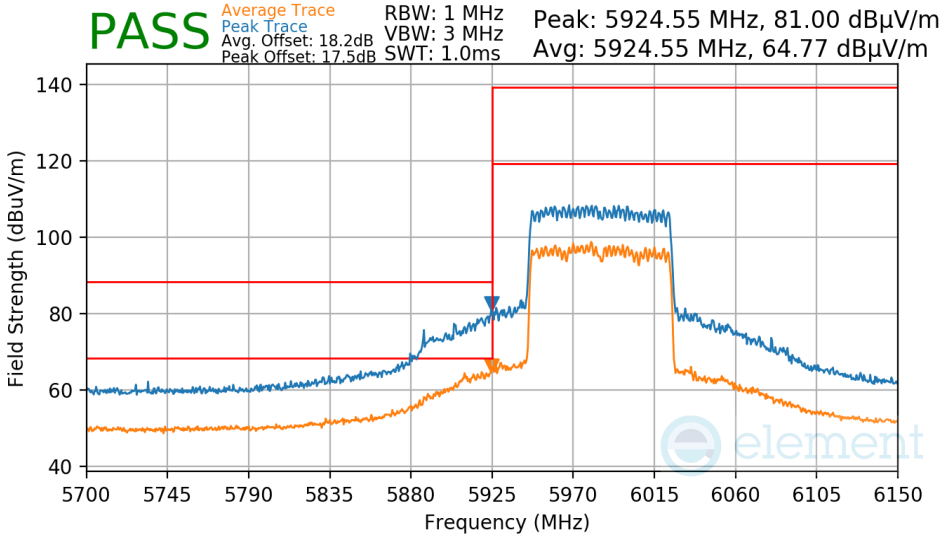


Plot 7-714. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

7.8.20 SDM Primary Radiated Band Edge Measurements (80MHz BW)

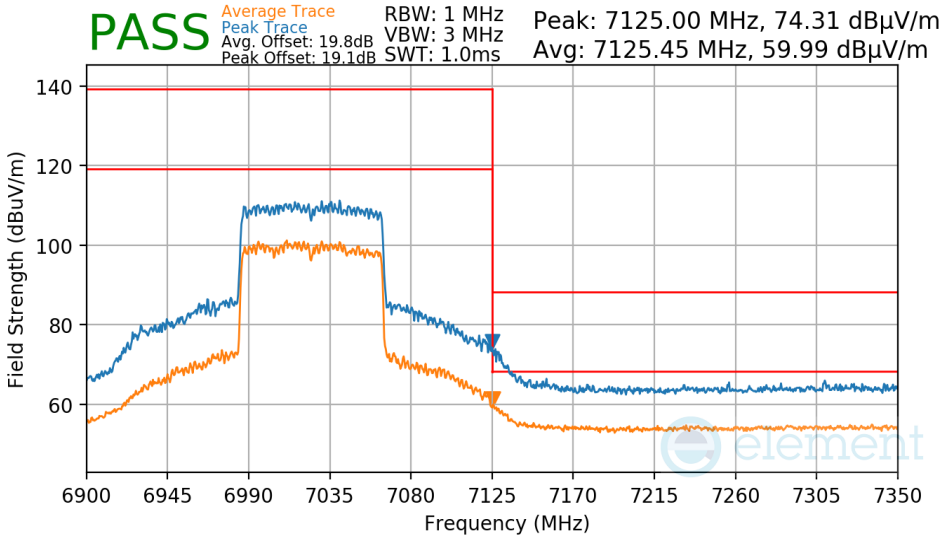
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-715. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

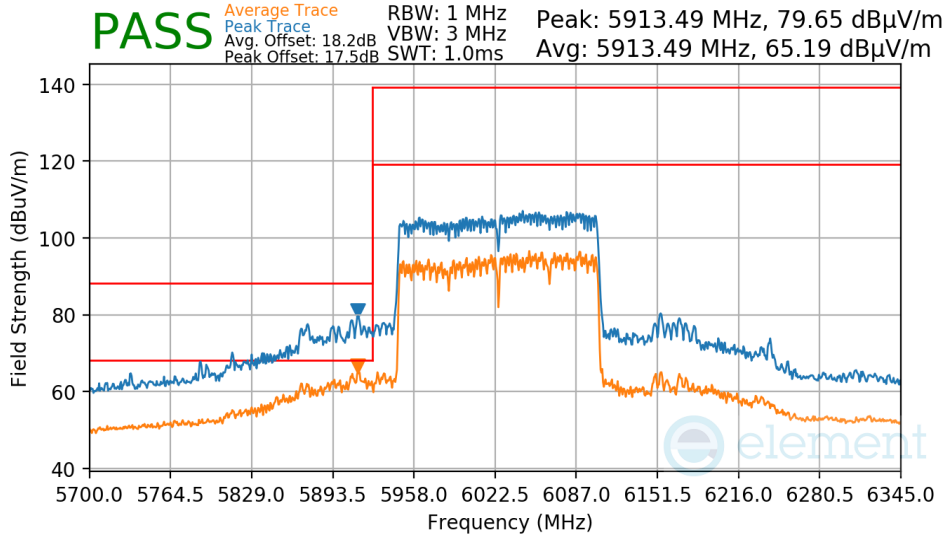


Plot 7-716. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

7.8.21 SDM Primary Radiated Band Edge Measurements (160MHz BW)

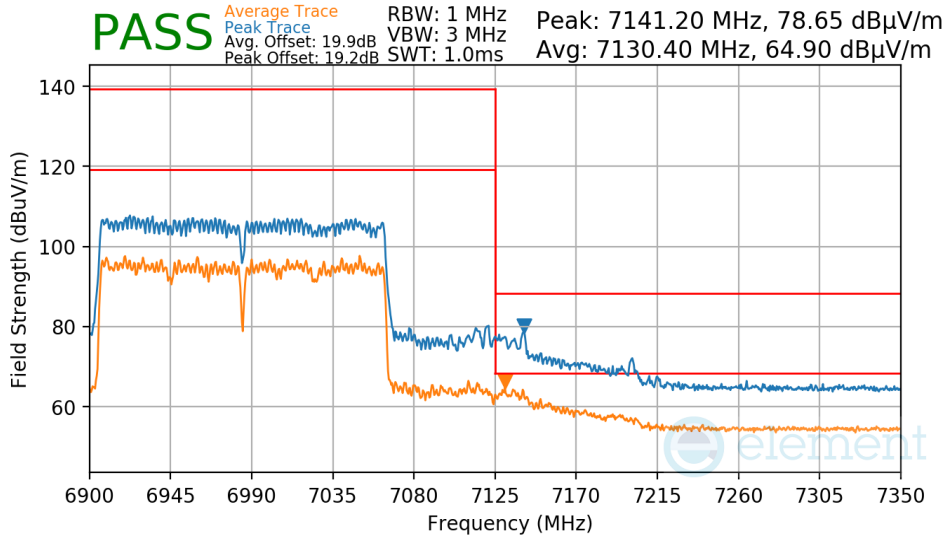
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-717. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

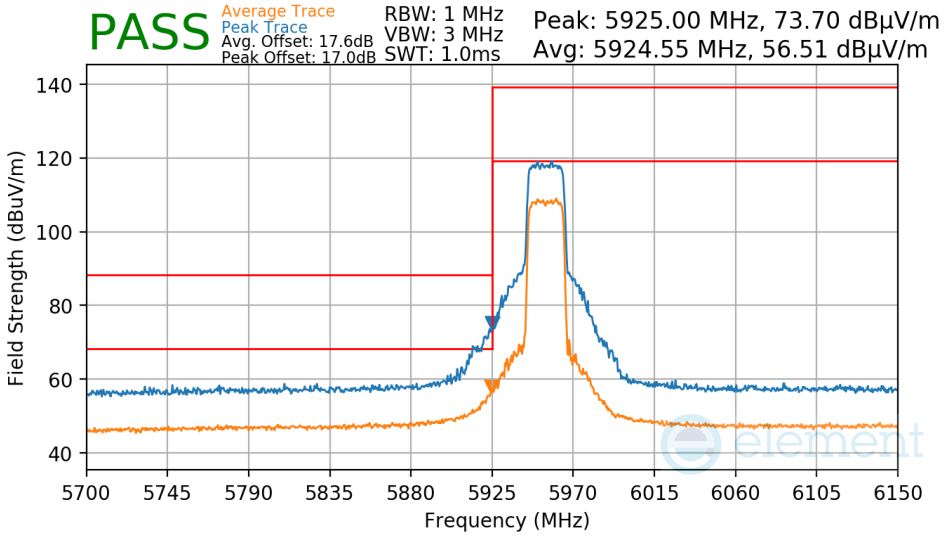


Plot 7-718. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

7.8.22 SDM Diversity Radiated Band Edge Measurements (20MHz BW)

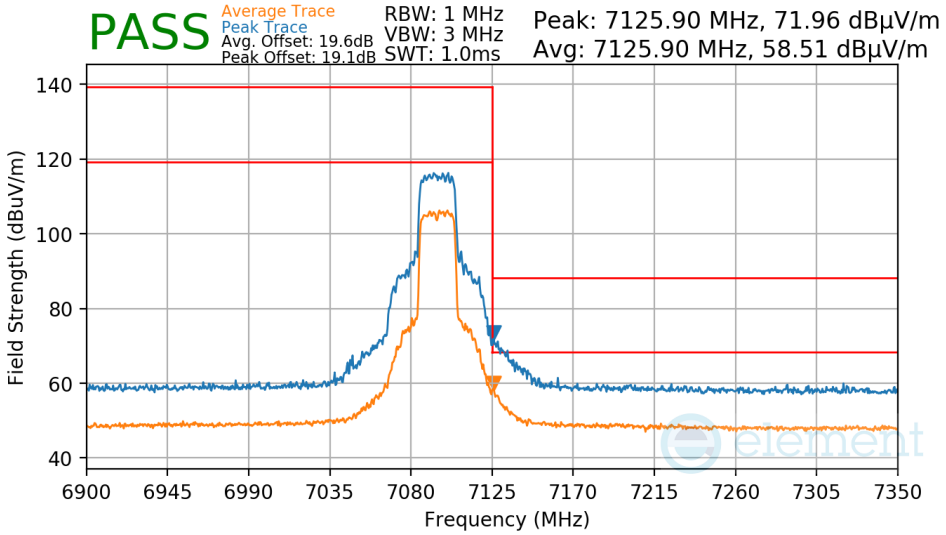
§15.407(b.1)(b.2) §15.205 §15.209

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



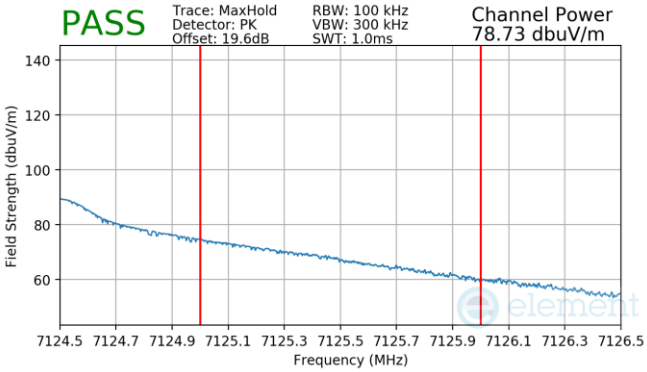
Plot 7-719. SDM Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5)

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

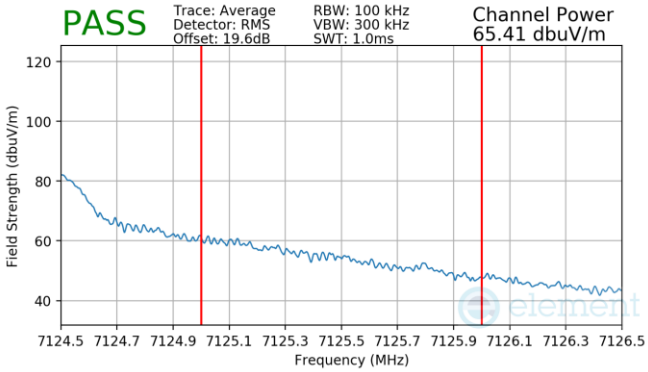


Plot 7-720. SDM Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS11
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



Plot 7-721. SDM Diversity Radiated Upper Band Edge (Peak – UNII Band 8)

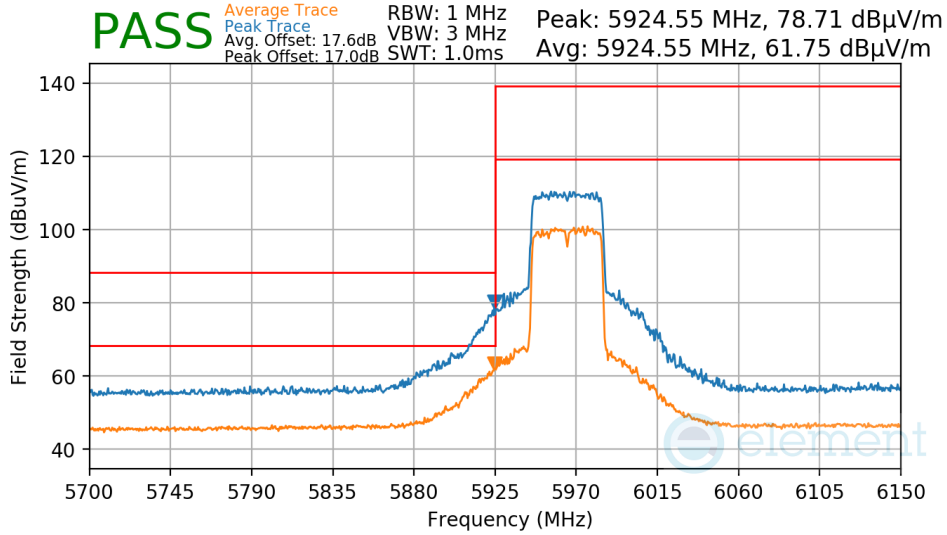


Plot 7-722. SDM Diversity Radiated Upper Band Edge (Average – UNII Band 8)

7.8.23 SDM Diversity Radiated Band Edge Measurements (40MHz BW)

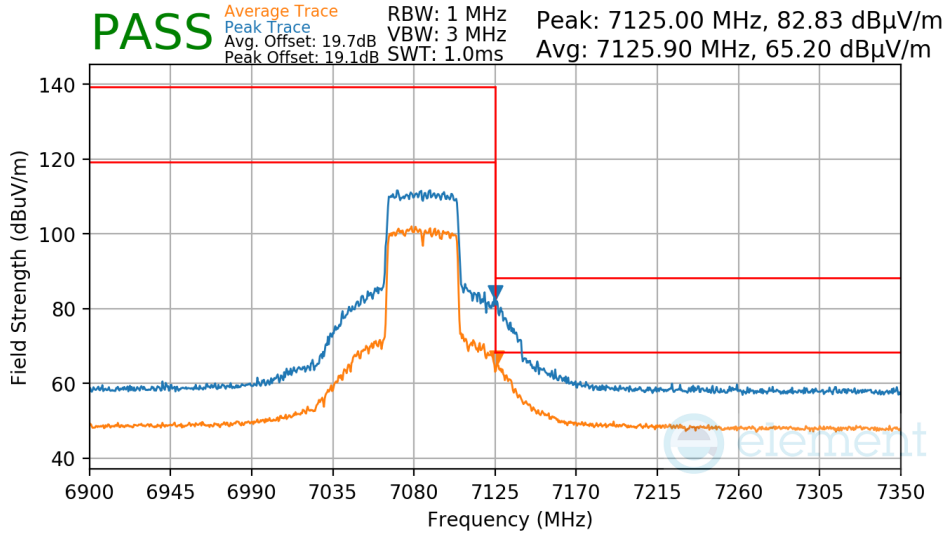
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-723. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

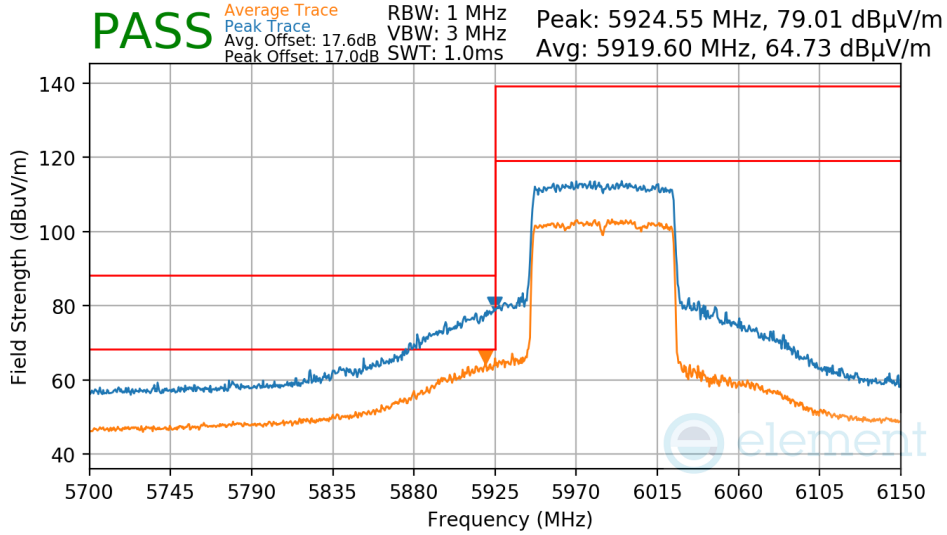


Plot 7-724. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

7.8.24 SDM Diversity Radiated Band Edge Measurements (80MHz BW)

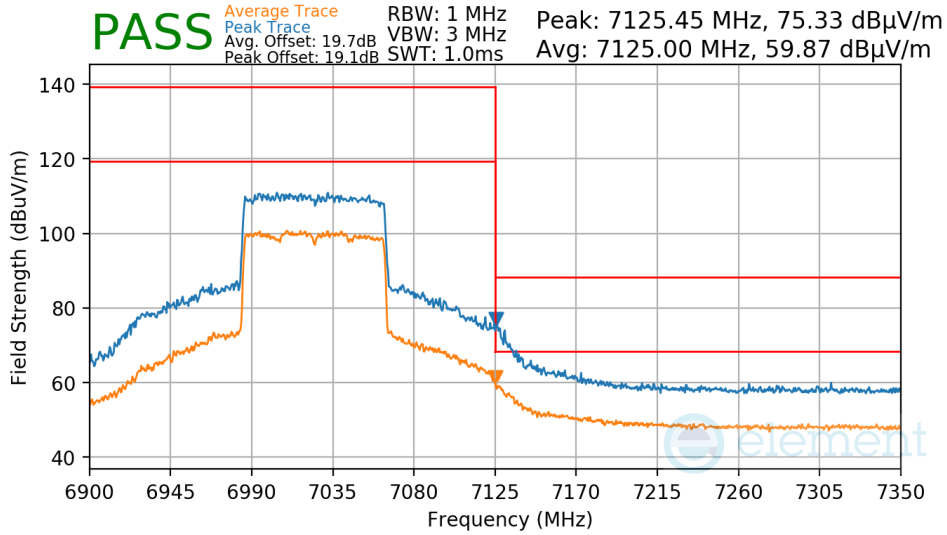
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-725. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

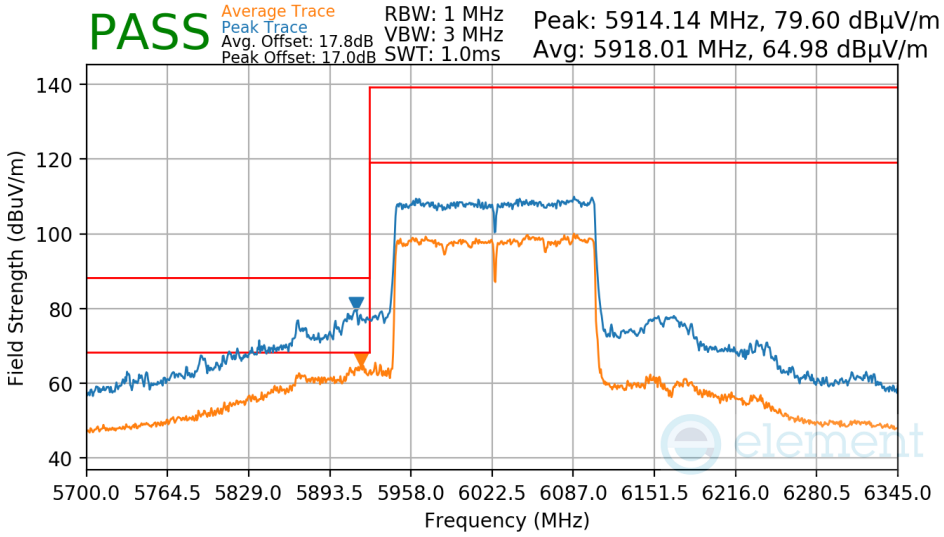


Plot 7-726. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

7.8.25 SDM Diversity Radiated Band Edge Measurements (160MHz BW)

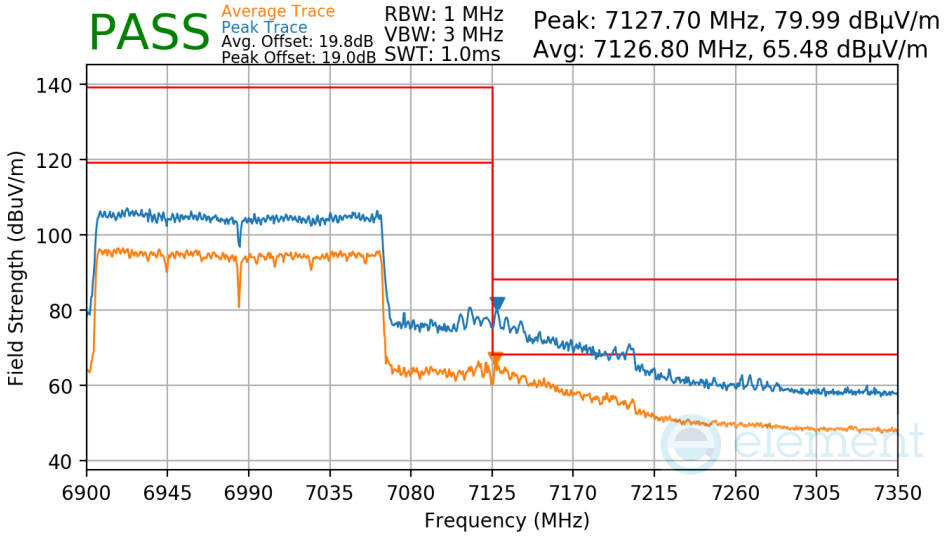
§15.407(b.1)(b.2) §15.205 §15.209

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



Plot 7-727. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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



Plot 7-728. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

7.9 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 7-155 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 7-155. 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.

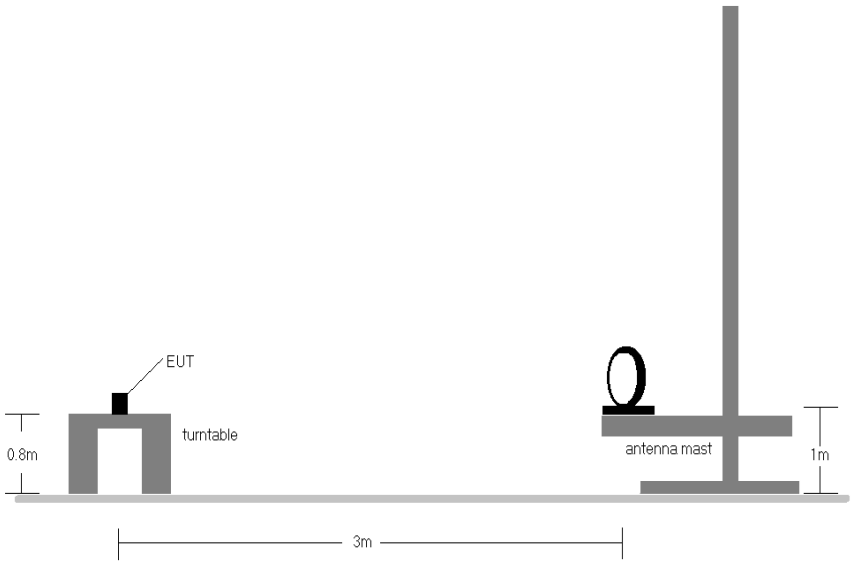


Figure 7-8. Radiated Test Setup < 30MHz

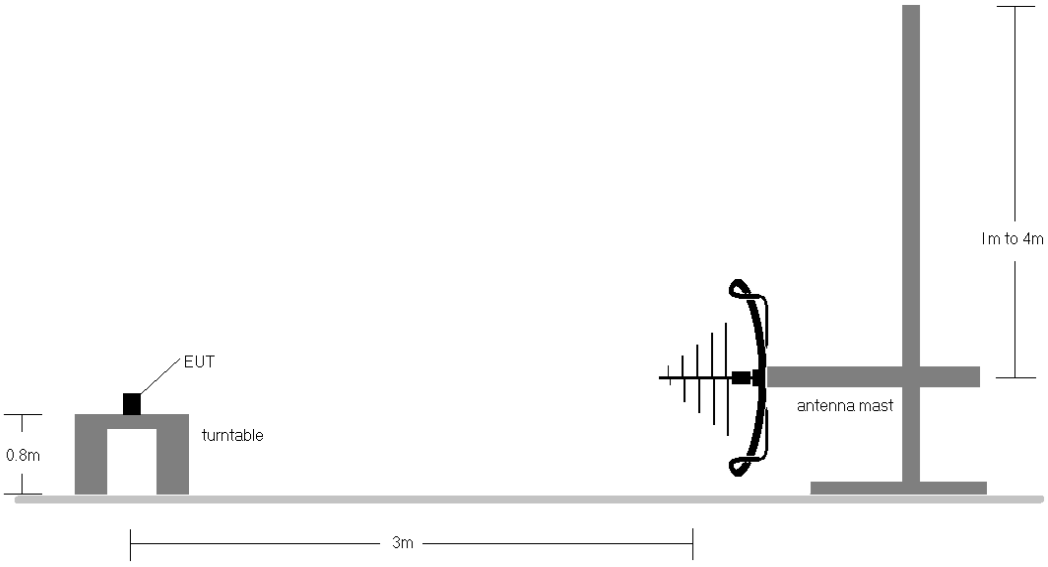


Figure 7-9. Radiated Test Setup < 1GHz

Test Notes

1. All emissions lying in restricted bands specified in §15.205 are below the limit shown in Table 7-155.
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.

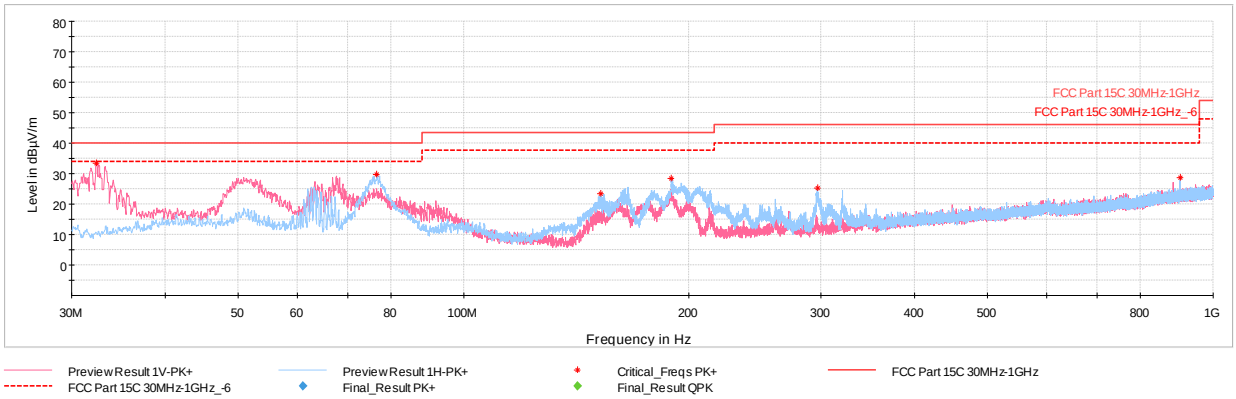
Sample Calculations

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 $_{[dB\mu V/m]}$

7.9.1 SDM Primary Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209



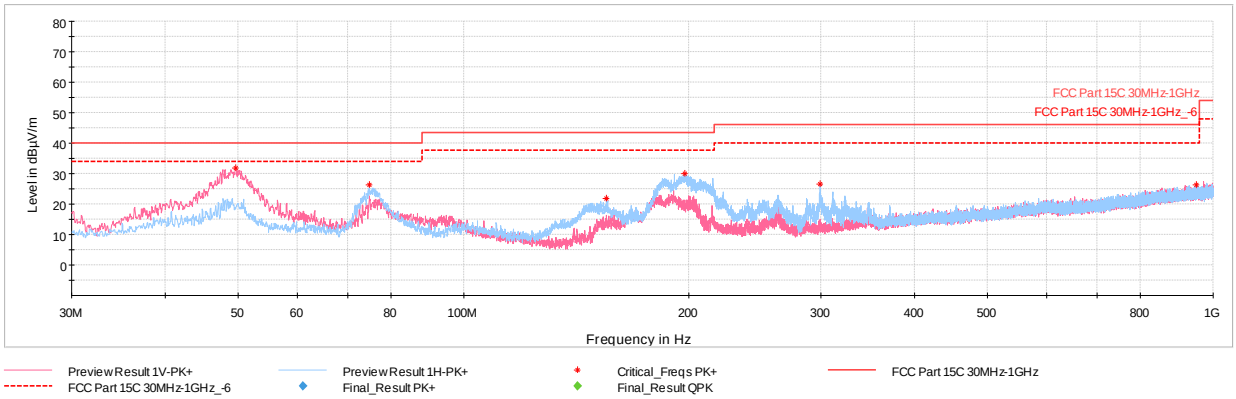
Plot 7-729. Radiated Spurious Emissions below 1GHz SDM Primary, 802.11ax, Ch.1 - EUT powered by AC/DC adaptor via USB-C cable with wire charger

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]
32.38	Max-Peak	V	100	217	-57.53	-15.93	33.54	40.00	-6.46
76.61	Max-Peak	H	200	80	-56.49	-20.73	29.78	40.00	-10.22
152.56	Max-Peak	H	200	167	-64.06	-19.49	23.45	43.52	-20.07
189.37	Max-Peak	H	200	349	-61.59	-17.05	28.36	43.52	-15.16
296.46	Max-Peak	H	100	231	-67.83	-13.97	25.20	46.02	-20.82
903.00	Max-Peak	H	100	252	-76.34	-2.08	28.58	46.02	-17.44

Table 7-156. Radiated Spurious Emissions Measurement below 1GHz SDM Primary, 802.11ax, Ch.1 - EUT powered by AC/DC adaptor via USB-C cable with wire charger

7.9.2 SDM Diversity Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209



Plot 7-730. Radiated Spurious Emissions below 1GHz SDM Diversity, 802.11ax, Ch.1 - EUT powered by 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]
49.69	Max-Peak	V	100	171	-62.36	-12.80	31.84	40.00	-8.16
74.86	Max-Peak	H	300	82	-60.52	-20.26	26.22	40.00	-13.78
155.18	Max-Peak	H	200	170	-65.91	-19.32	21.77	40.00	-18.23
197.37	Max-Peak	H	100	142	-60.99	-16.02	29.99	40.00	-10.01
299.08	Max-Peak	H	100	95	-66.36	-13.96	26.68	40.00	-13.32
950.68	Max-Peak	V	100	186	-79.02	-1.71	26.27	40.00	-13.73

Table 7-157. Radiated Spurious Emissions Measurement below 1GHz SDM Diversity, 802.11ax, Ch.1 - EUT powered by AC/DC adaptor via USB-C cable with wire charger

7.10 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 7-158. 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.

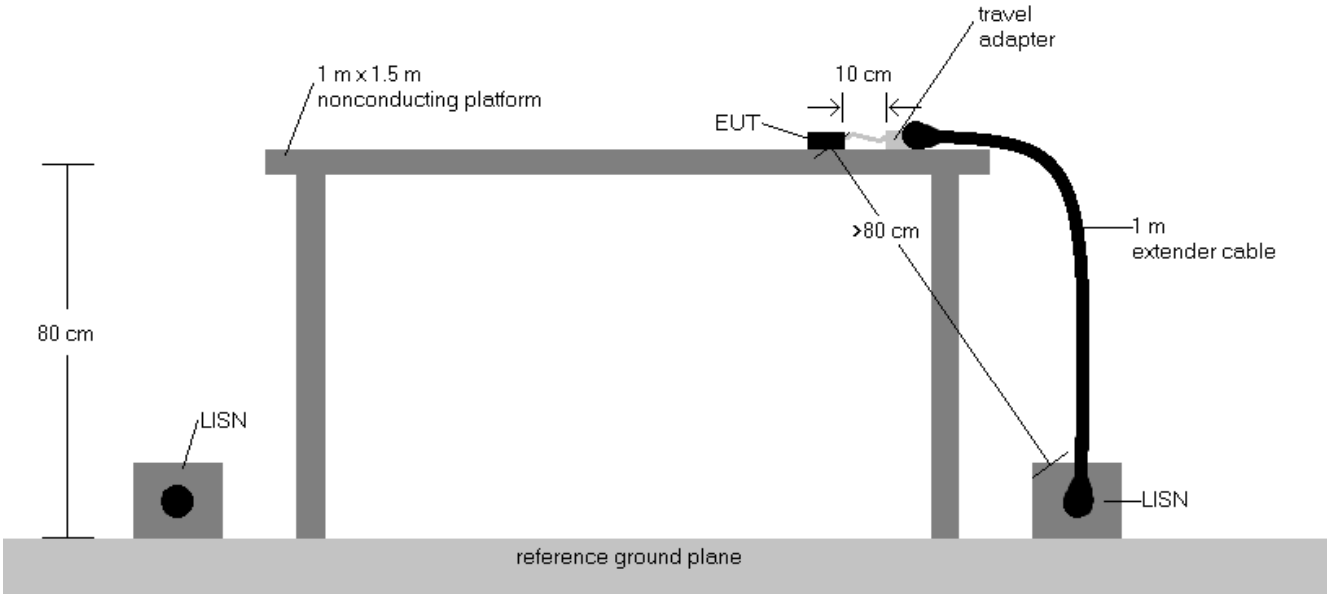
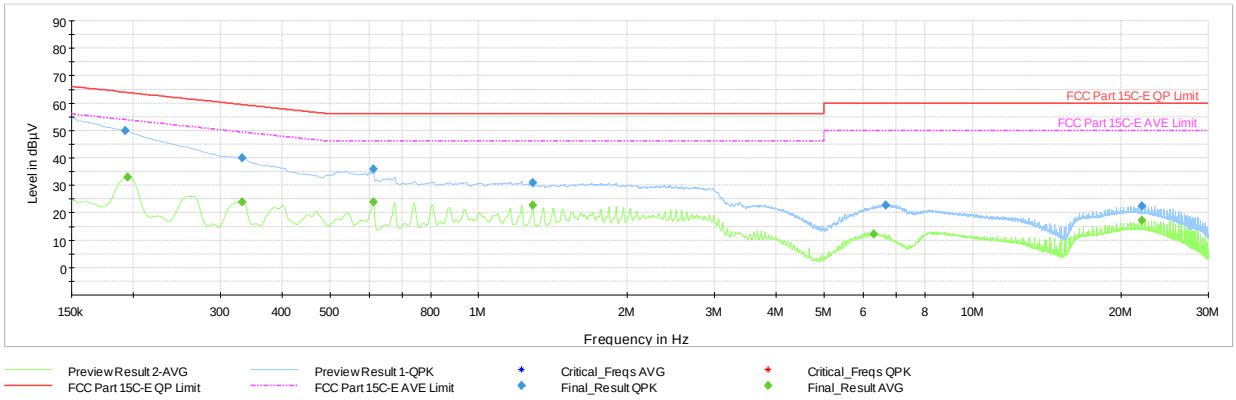


Figure 7-10. Test Instrument & Measurement Setup

Test Notes

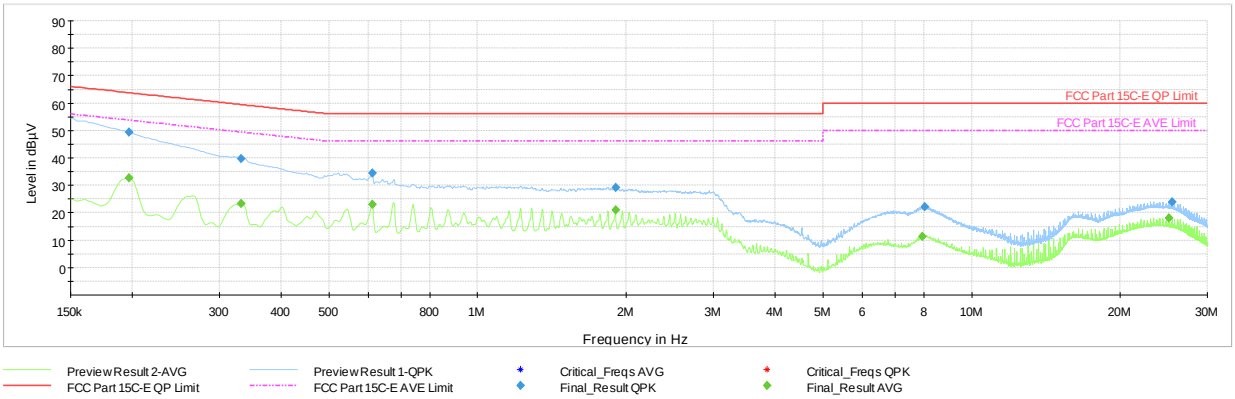
1. All modes of operation were investigated, and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
    a. EUT powered by AC/DC adaptor via USB-C 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.



Plot 7-731. AC Line Conducted Plot with 802.11ax SDM Primary – Ch.1 (L1), EUT powered by host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.193	FINAL	49.9	—	63.92	-14.01	L1	GND
0.195	FINAL	—	32.87	53.82	-20.95	L1	GND
0.332	FINAL	—	24.05	49.40	-25.34	L1	GND
0.332	FINAL	40.0	—	59.40	-19.35	L1	GND
0.611	FINAL	35.9	—	56.00	-20.10	L1	GND
0.611	FINAL	—	23.81	46.00	-22.19	L1	GND
1.286	FINAL	—	22.75	46.00	-23.25	L1	GND
1.289	FINAL	30.9	—	56.00	-25.10	L1	GND
6.306	FINAL	—	12.35	50.00	-37.65	L1	GND
6.666	FINAL	22.8	—	60.00	-37.17	L1	GND
22.002	FINAL	—	17.07	50.00	-32.93	L1	GND
22.002	FINAL	22.5	—	60.00	-37.48	L1	GND

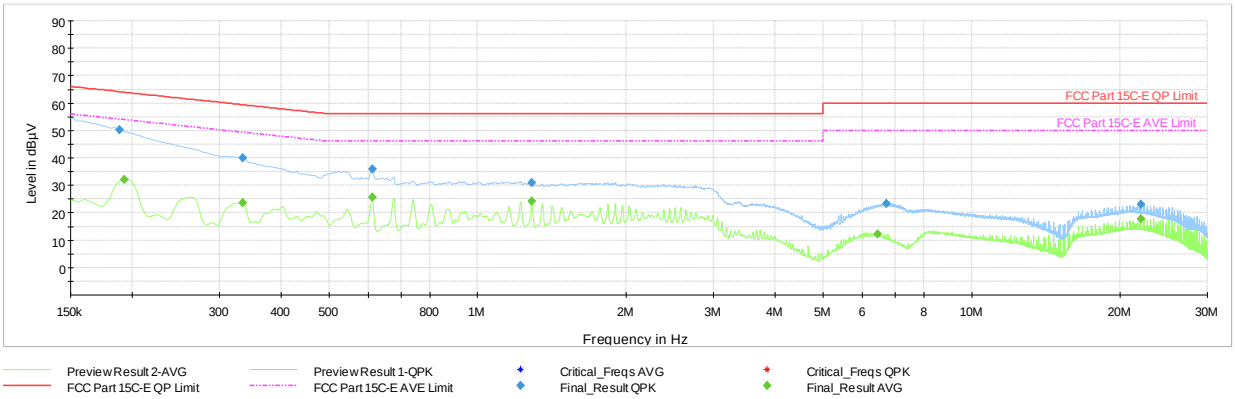
Table 7-159. AC Line Conducted Data with 802.11ax SDM Primary – Ch. 1 (L1), EUT powered by host PC via USB-C cable with wire charger



Plot 7-732. AC Line Conducted Plot with 802.11ax SDM Primary – Ch. 1 (N), EUT powered by host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.197	FINAL	—	32.77	53.73	-20.96	N	GND
0.197	FINAL	49.5	—	63.73	-14.24	N	GND
0.332	FINAL	—	23.41	49.40	-25.98	N	GND
0.332	FINAL	39.8	—	59.40	-19.62	N	GND
0.611	FINAL	34.5	—	56.00	-21.48	N	GND
0.611	FINAL	—	23.08	46.00	-22.92	N	GND
1.901	FINAL	29.3	—	56.00	-26.70	N	GND
1.901	FINAL	—	21.02	46.00	-24.98	N	GND
7.962	FINAL	—	11.35	50.00	-38.65	N	GND
8.032	FINAL	22.1	—	60.00	-37.86	N	GND
25.114	FINAL	—	18.14	50.00	-31.86	N	GND
25.447	FINAL	23.8	—	60.00	-36.17	N	GND

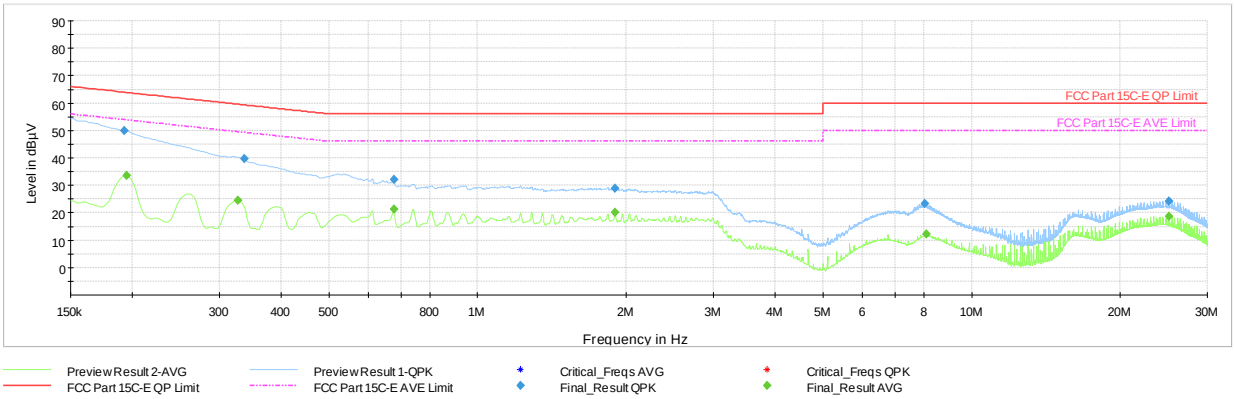
Table 7-160. AC Line Conducted Data with 802.11ax SDM Primary – Ch. 1 (N), EUT powered by host PC via USB-C cable with wire charger



Plot 7-733. AC Line Conducted Plot with 802.11ax SDM Diversity – Ch.1 (L1), EUT powered by 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	50.2	—	64.11	-13.90	L1	GND
0.193	FINAL	—	32.25	53.92	-21.67	L1	GND
0.335	FINAL	—	23.67	49.34	-25.67	L1	GND
0.335	FINAL	40.1	—	59.34	-19.28	L1	GND
0.611	FINAL	36.0	—	56.00	-20.00	L1	GND
0.611	FINAL	—	25.70	46.00	-20.30	L1	GND
1.286	FINAL	31.0	—	56.00	-25.04	L1	GND
1.286	FINAL	—	24.08	46.00	-21.92	L1	GND
6.446	FINAL	—	12.23	50.00	-37.77	L1	GND
6.729	FINAL	23.2	—	60.00	-36.81	L1	GND
22.002	FINAL	—	17.70	50.00	-32.30	L1	GND
22.002	FINAL	22.9	—	60.00	-37.10	L1	GND

Table 7-161. AC Line Conducted Data with 802.11ax SDM Diversity – Ch. 1 (L1), EUT powered by host PC via USB-C cable with wire charger



Plot 7-734. AC Line Conducted Plot with 802.11ax SDM Diversity – Ch. 1 (N), EUT powered by host PC via USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.193	FINAL	50.0	—	63.92	-13.96	N	GND
0.195	FINAL	—	33.57	53.82	-20.25	N	GND
0.328	FINAL	—	24.36	49.51	-25.15	N	GND
0.337	FINAL	39.7	—	59.28	-19.57	N	GND
0.677	FINAL	—	21.26	46.00	-24.74	N	GND
0.677	FINAL	32.3	—	56.00	-23.75	N	GND
1.896	FINAL	29.0	—	56.00	-26.99	N	GND
1.898	FINAL	—	20.05	46.00	-25.95	N	GND
8.030	FINAL	23.3	—	60.00	-36.71	N	GND
8.111	FINAL	—	12.11	50.00	-37.89	N	GND
25.114	FINAL	—	18.78	50.00	-31.22	N	GND
25.114	FINAL	24.3	—	60.00	-35.75	N	GND

Table 7-162. AC Line Conducted Data with 802.11ax SDM Diversity – Ch. 1 (N), EUT powered by host PC via USB-C cable with wire charger

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.