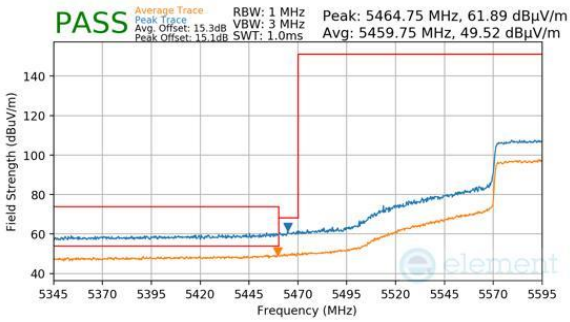
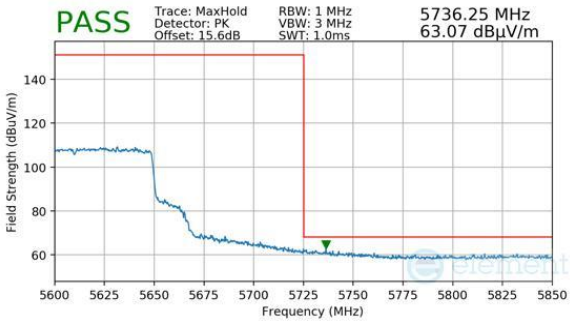
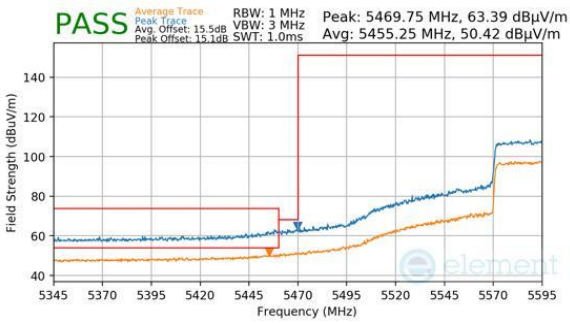


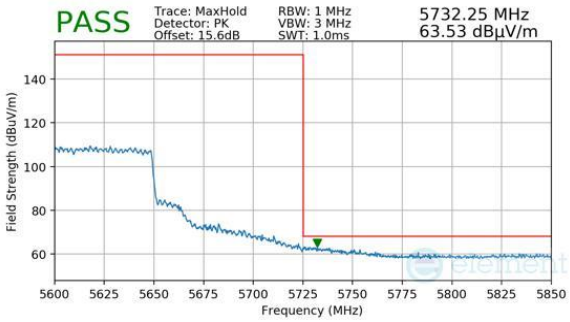
Plot 7-1932. (FCC Only) CDD Diversity (Peak & Average, Ch.122, 802.11ax(SU), MCS2)



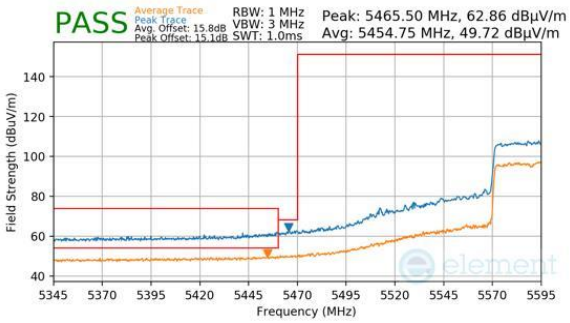
Plot 7-1933. (FCC Only) CDD Diversity (Peak, Ch.122, 802.11ax(SU), MCS2)



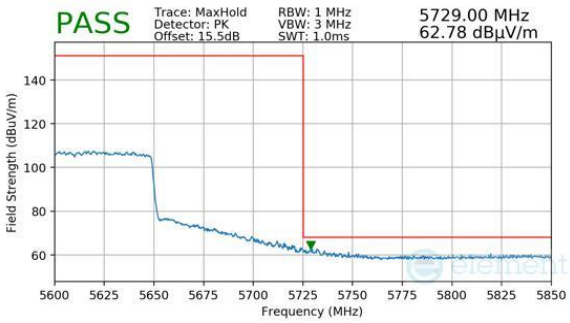
Plot 7-1934. (FCC Only) CDD Diversity (Peak & Average, Ch.122, 802.11ax(SU), MCS4)



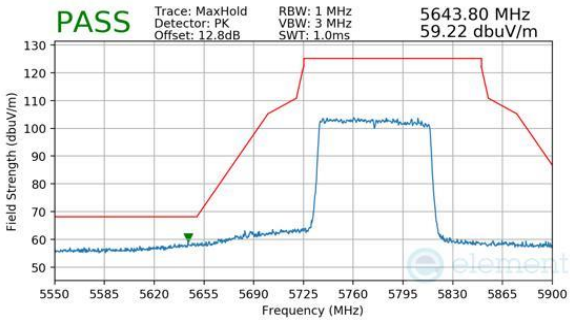
Plot 7-1935. (FCC Only) CDD Diversity (Peak, Ch.122, 802.11ax(SU), MCS4)



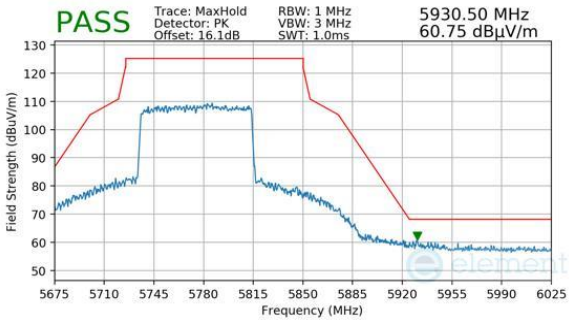
Plot 7-1936. (FCC Only) CDD Diversity (Peak & Average, Ch.122, 802.11ax(SU), MCS11)



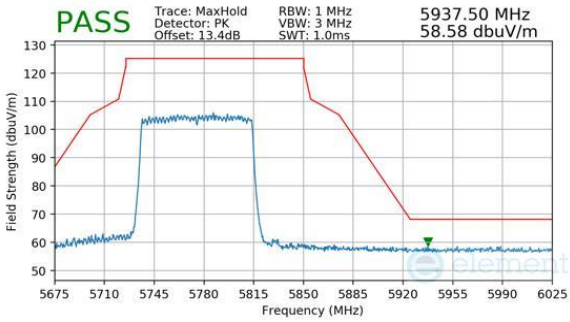
Plot 7-1937. (FCC Only) CDD Diversity (Peak, Ch.122, 802.11ax(SU), MCS11)



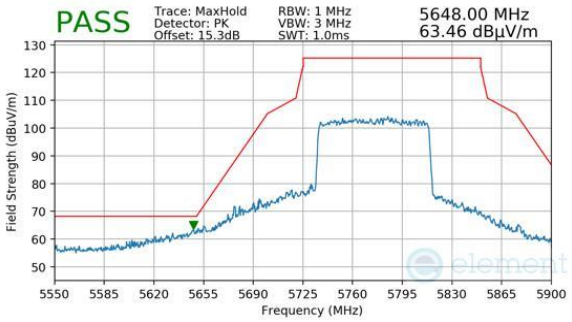
Plot 7-1938. CDD Diversity (Peak, Ch.155, 802.11ax(SU), MCS2)



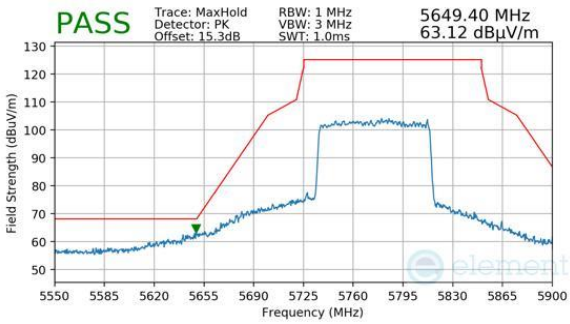
Plot 7-1941. CDD Diversity (Peak, Ch.155, 802.11ax(SU), MCS4)



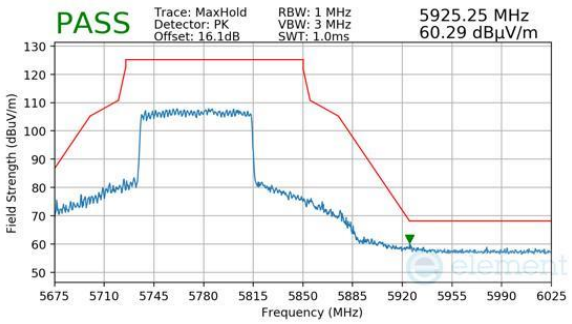
Plot 7-1939. CDD Diversity (Peak, Ch.155, 802.11ax(SU), MCS2)



Plot 7-1942. CDD Diversity (Peak, Ch.155, 802.11ax(SU), MCS11)



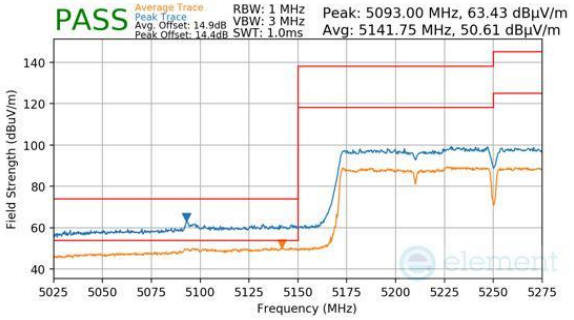
Plot 7-1940. CDD Diversity (Peak, Ch.155, 802.11ax(SU), MCS4)



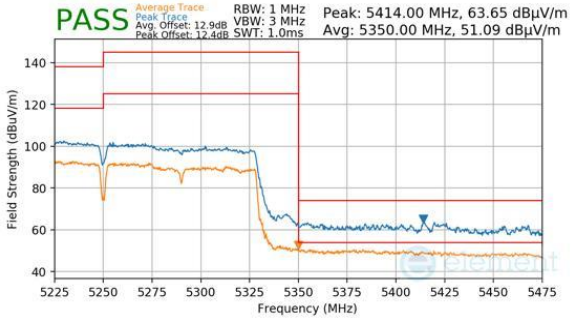
Plot 7-1943. CDD Diversity (Peak, Ch.155, 802.11ax(SU), MCS11)

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

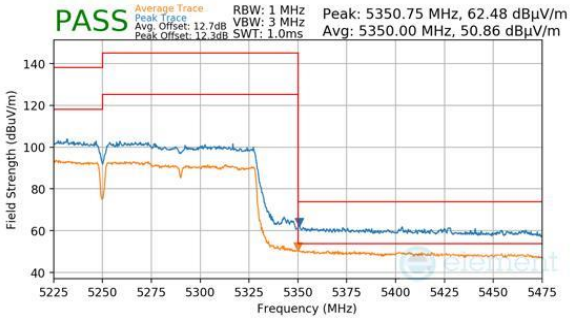
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]



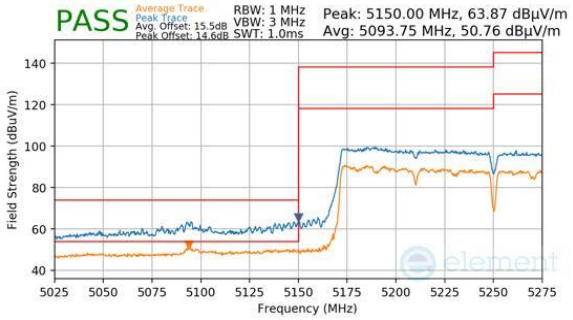
Plot 7-1944. CDD Diversity (Peak & Average, Ch.50, 802.11ac, MCS2)



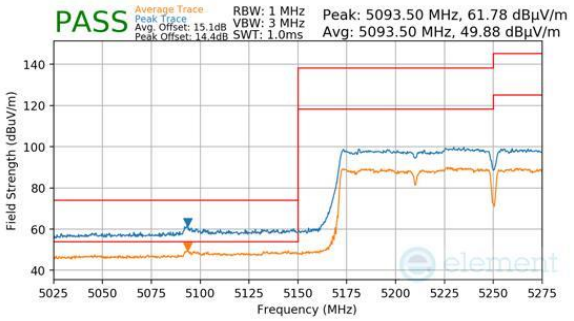
Plot 7-1947. CDD Diversity (Peak & Average, Ch.50, 802.11ac, MCS4)



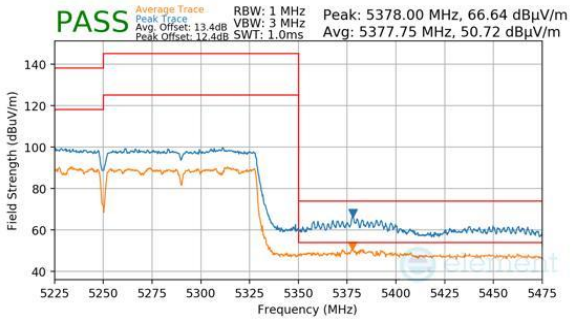
Plot 7-1945. CDD Diversity (Peak & Average, Ch.50, 802.11ac, MCS2)



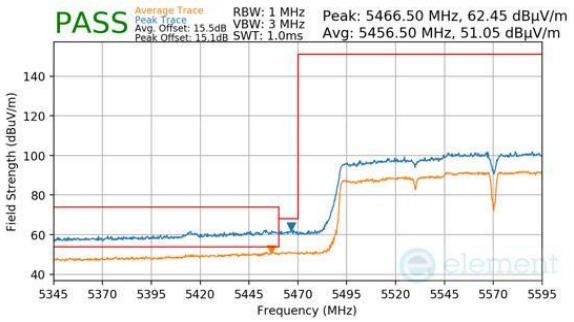
Plot 7-1948. CDD Diversity (Peak & Average, Ch.50, 802.11ac, MCS9)



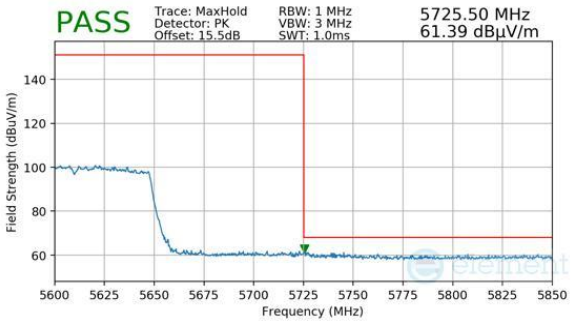
Plot 7-1946. CDD Diversity (Peak & Average, Ch.50, 802.11ac, MCS4)



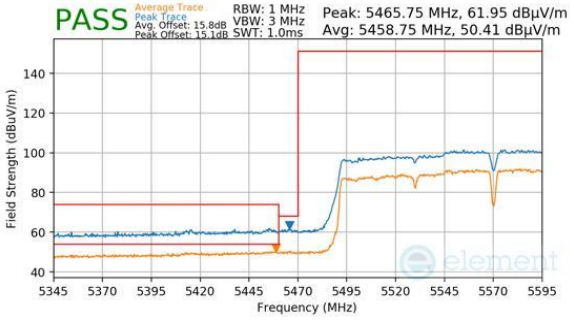
Plot 7-1949. CDD Diversity (Peak & Average, Ch.50, 802.11ac, MCS9)



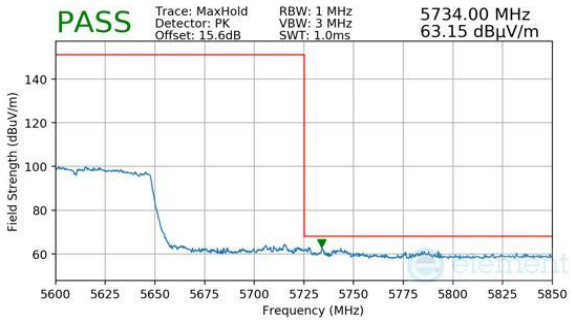
Plot 7-1950. (FCC Only) CDD Diversity (Peak & Average, Ch.114, 802.11ac, MCS2)



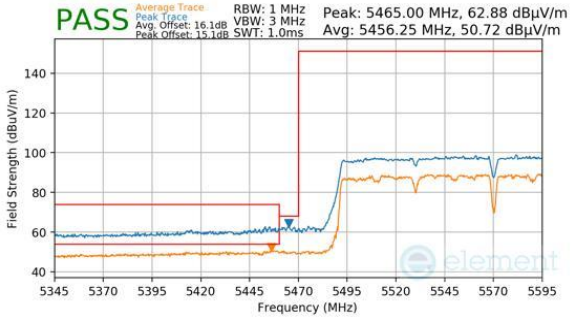
Plot 7-1951. (FCC Only) CDD Diversity (Peak, Ch.114, 802.11ac, MCS2)



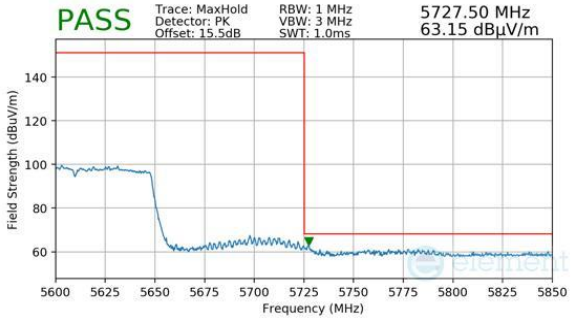
Plot 7-1952. (FCC Only) CDD Diversity (Peak & Average, Ch.114, 802.11ac, MCS4)



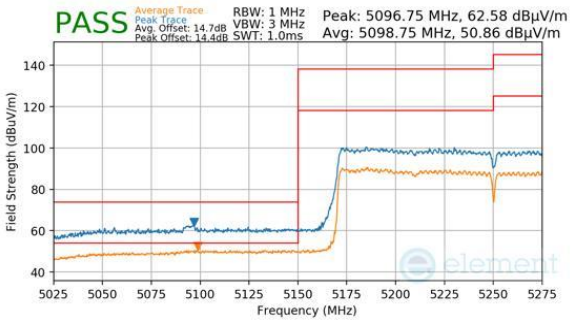
Plot 7-1953. (FCC Only) CDD Diversity (Peak, Ch.114, 802.11ac, MCS4)



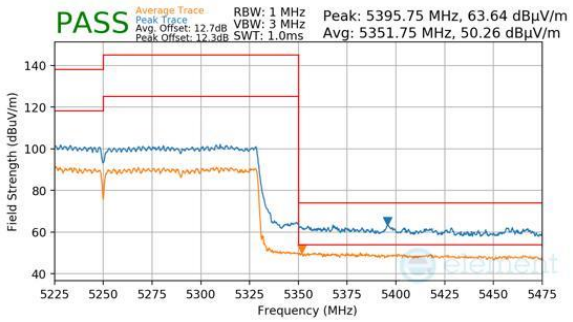
Plot 7-1954. (FCC Only) CDD Diversity (Peak & Average, Ch.114, 802.11ac, MCS9)



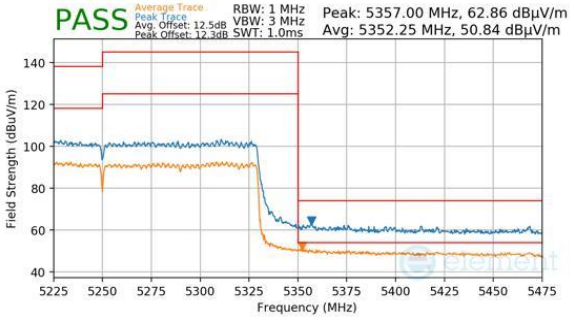
Plot 7-1955. (FCC Only) CDD Diversity (Peak, Ch.114, 802.11ac, MCS9)



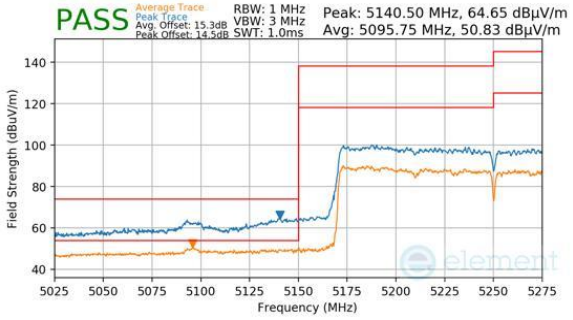
Plot 7-1956. CDD Diversity (Peak & Average, Ch.50, 802.11ax(SU), MCS2)



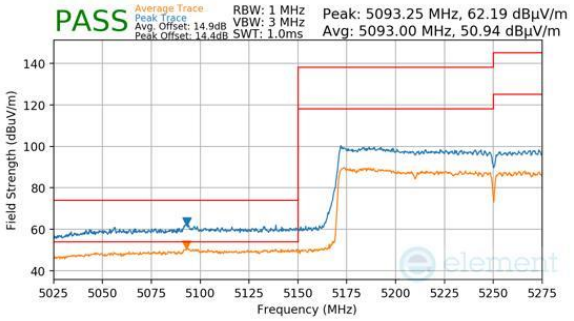
Plot 7-1959. CDD Diversity (Peak & Average, Ch.50, 802.11ax(SU), MCS4)



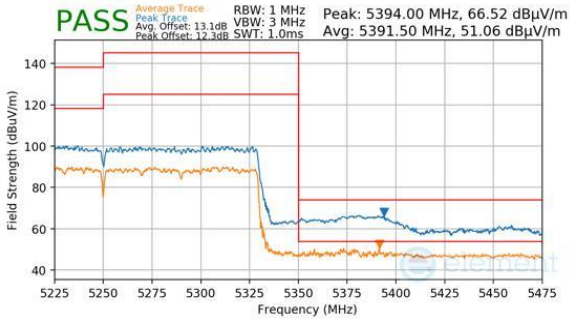
Plot 7-1957. CDD Diversity (Peak & Average, Ch.50, 802.11ax(SU), MCS2)



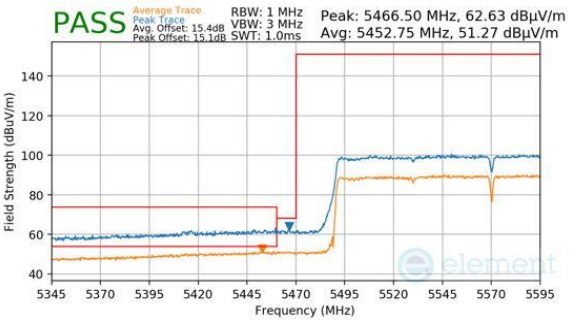
Plot 7-1960. CDD Diversity (Peak & Average, Ch.50, 802.11ax(SU), MCS11)



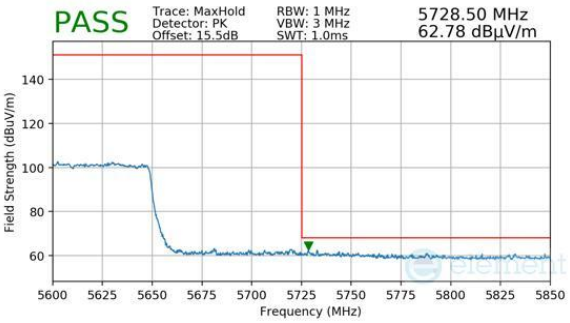
Plot 7-1958. CDD Diversity (Peak & Average, Ch.50, 802.11ax(SU), MCS4)



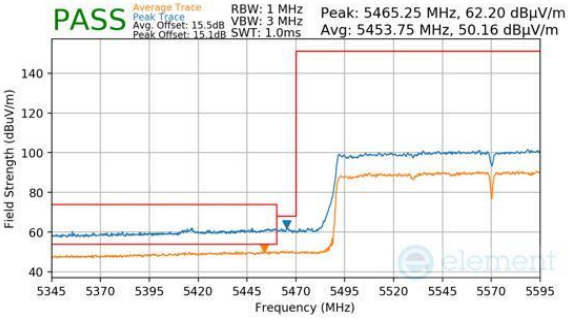
Plot 7-1961. CDD Diversity (Peak & Average, Ch.50, 802.11ax(SU), MCS11)



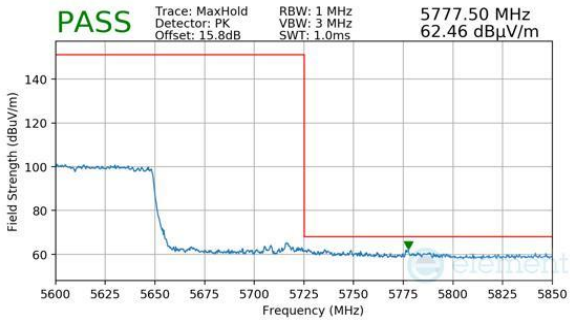
Plot 7-1962. (FCC Only) CDD Diversity (Peak & Average, Ch.114, 802.11ax(SU), MCS2)



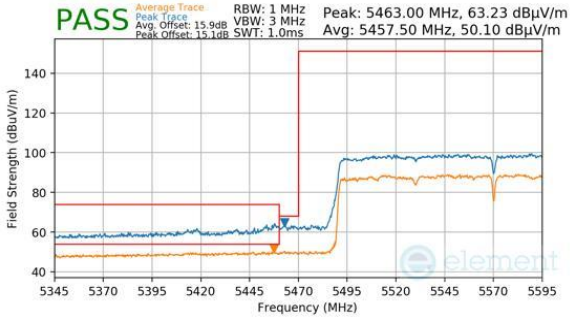
Plot 7-1963. (FCC Only) CDD Diversity (Peak, Ch.114, 802.11ax(SU), MCS2)



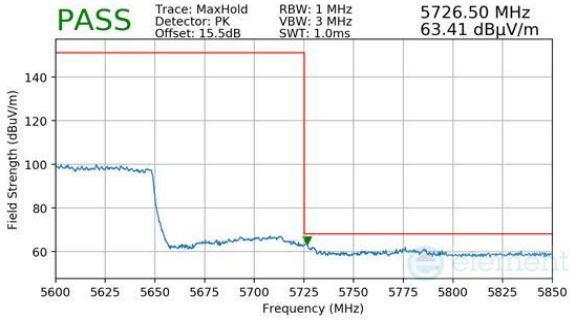
Plot 7-1964. (FCC Only) CDD Diversity (Peak & Average, Ch.114, 802.11ax(SU), MCS4)



Plot 7-1965. (FCC Only) CDD Diversity (Peak, Ch.114, 802.11ax(SU), MCS4)



Plot 7-1966. (FCC Only) CDD Diversity (Peak & Average, Ch.114, 802.11ax(SU), MCS11)



Plot 7-1967. (FCC Only) CDD Diversity (Peak, Ch.114, 802.11ax(SU), MCS11)

7.7 Radiated Spurious Emissions – Below 1GHz

§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 7-369 per Section 15.209 and RSS-Gen (8.9).

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

Table 7-369. Radiated Limits

Test Procedures Used

ANSI C63.10-2013

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.

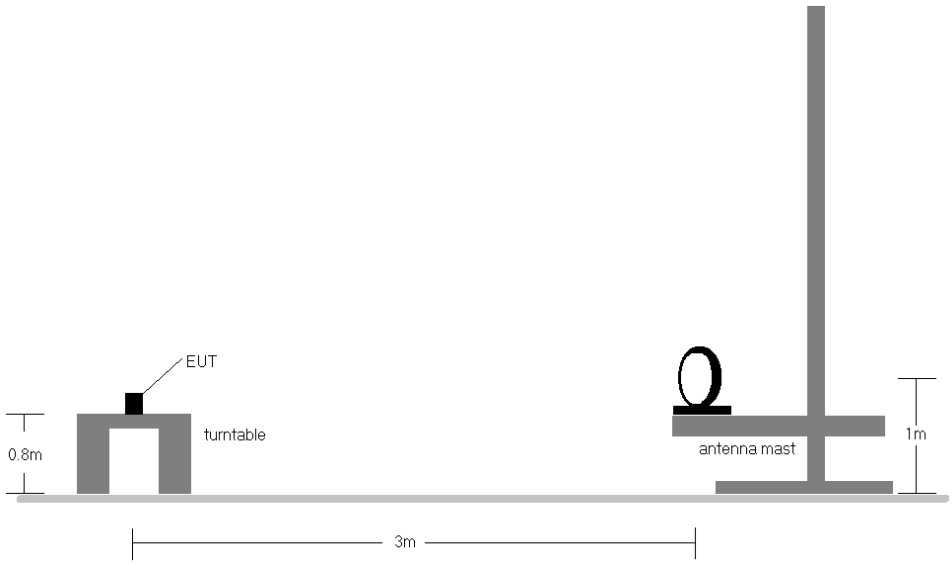


Figure 7-6. Radiated Test Setup < 30MHz

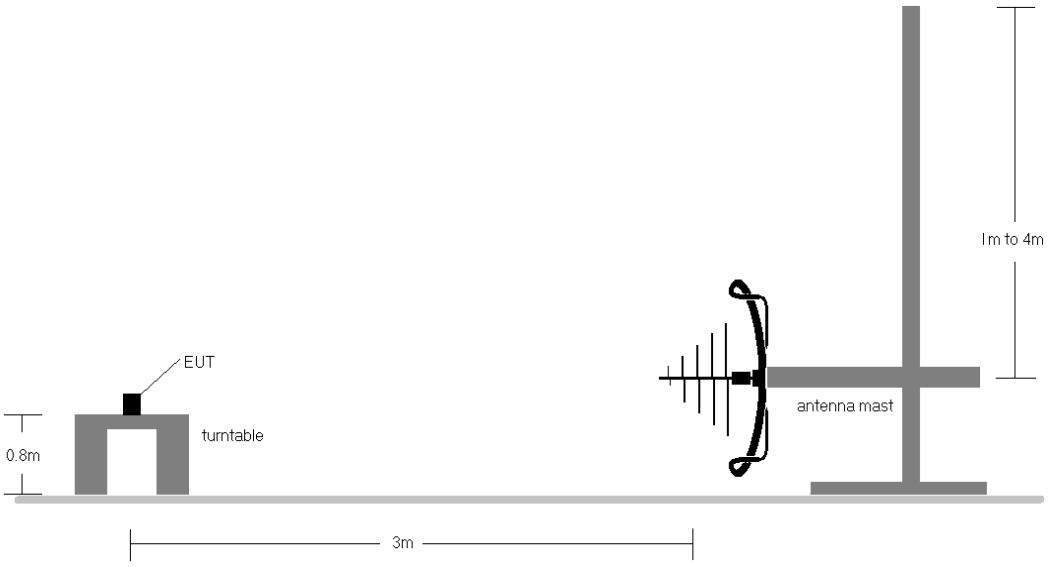


Figure 7-7. Radiated Test Setup < 1GHz

Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-369.
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.

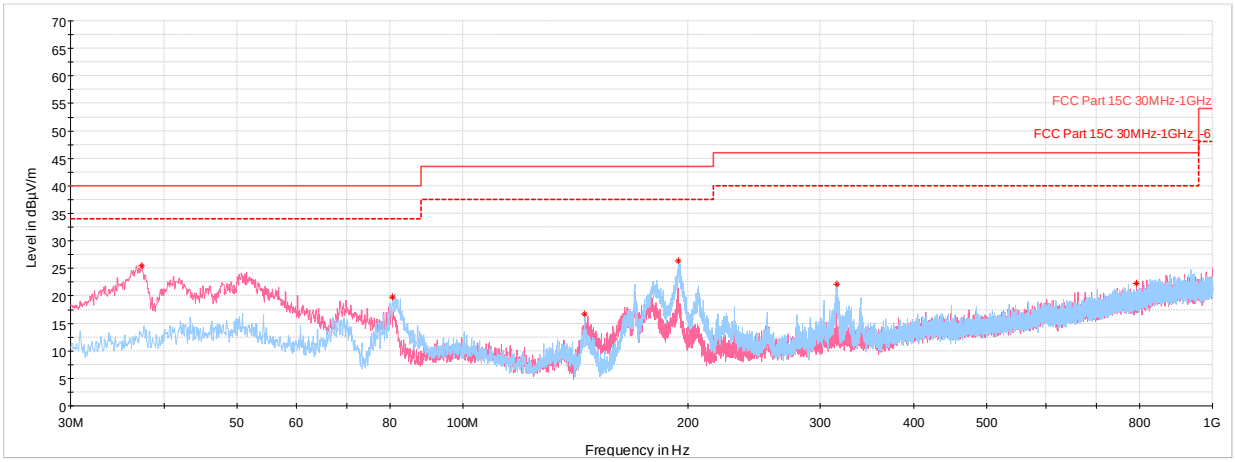
Sample Calculations

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

CDD Primary Radiated Spurious Emissions Measurements (Below 1GHz)

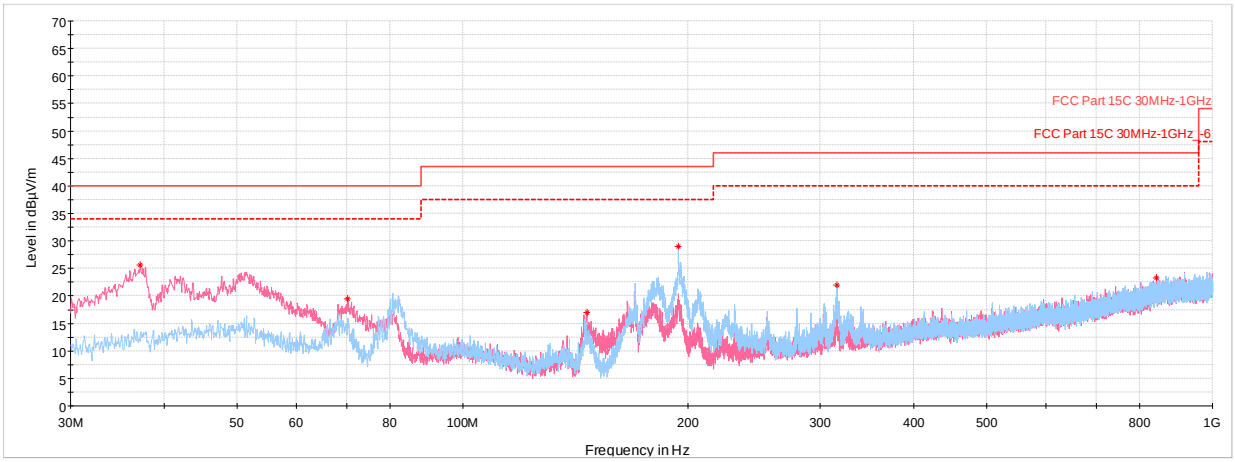
§15.209; RSS-Gen [8.9]



Plot 7-1968. Radiated Spurious Emissions below 1GHz CDD Primary, 802.11n, Ch.40 with AC/DC Adapter

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]
37.37	Max-Peak	V	100	277	-66.43	-15.14	25.43	40.00	-14.57
80.63	Max-Peak	H	200	144	-66.11	-21.12	19.77	40.00	-20.23
145.43	Max-Peak	H	200	173	-69.71	-20.57	16.72	43.52	-26.80
193.88	Max-Peak	H	200	241	-63.62	-16.96	26.42	43.52	-17.10
315.47	Max-Peak	H	100	274	-70.93	-13.99	22.08	46.02	-23.94
792.47	Max-Peak	V	100	22	-79.77	-4.94	22.29	46.02	-23.73

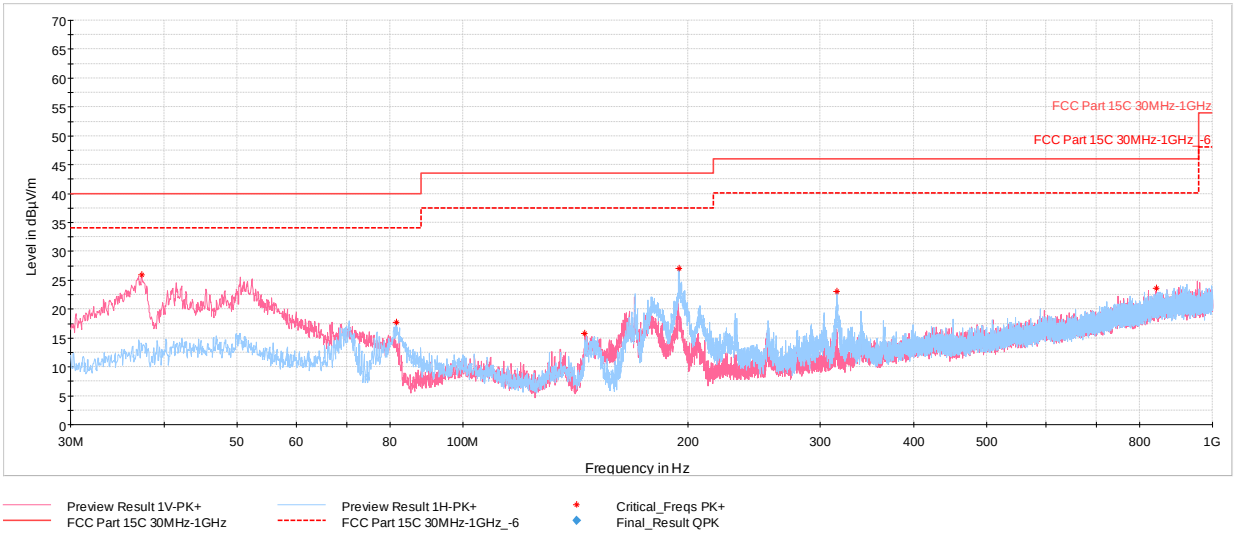
Table 7-370. Radiated Spurious Emissions below 1GHz CDD Primary, 802.11n, Ch.40 with AC/DC Adapter



Plot 7-1969. Radiated Spurious Emissions below 1GHz CDD Primary, 802.11ax (SU), Ch.40 with AC/DC Adapter

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]
37.18	Max-Peak	V	100	4	-66.19	-15.19	25.62	40.00	-14.38
70.26	Max-Peak	V	200	218	-68.82	-18.74	19.44	40.00	-20.56
146.40	Max-Peak	V	100	190	-69.59	-20.47	16.94	43.52	-26.58
194.08	Max-Peak	H	100	233	-61.14	-16.92	28.94	43.52	-14.58
315.91	Max-Peak	H	100	121	-71.13	-13.94	21.93	46.02	-24.09
842.23	Max-Peak	V	300	291	-80.28	-3.45	23.27	46.02	-22.75

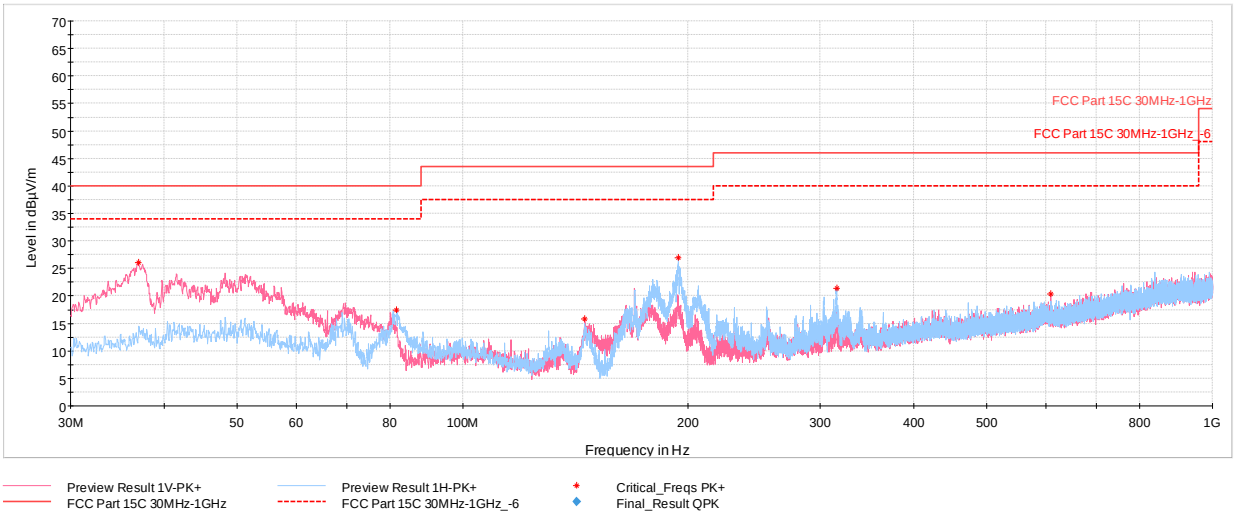
Table 7-371. Radiated Spurious Emissions below 1GHz, 802.11ax (SU) SDM Primary, Ch.40 with AC/DC Adapter



Plot 7-1970. Radiated Spurious Emissions below 1GHz CDD Diversity, 802.11n, Ch.40 with AC/DC Adapter

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]
37.32	Max-Peak	V	100	27	-65.98	-15.15	25.87	40.00	-14.13
81.65	Max-Peak	H	200	104	-68.50	-20.86	17.64	40.00	-22.36
145.62	Max-Peak	V	100	0	-70.68	-20.56	15.76	43.52	-27.76
194.22	Max-Peak	H	100	183	-63.13	-16.88	26.99	43.52	-16.53
315.62	Max-Peak	H	100	18	-69.99	-13.97	23.04	46.02	-22.98
842.18	Max-Peak	V	300	139	-79.92	-3.44	23.64	46.02	-22.38

Table 7-372. Radiated Spurious Emissions below 1GHz CDD Diversity, 802.11n, Ch.40 with AC/DC Adapter



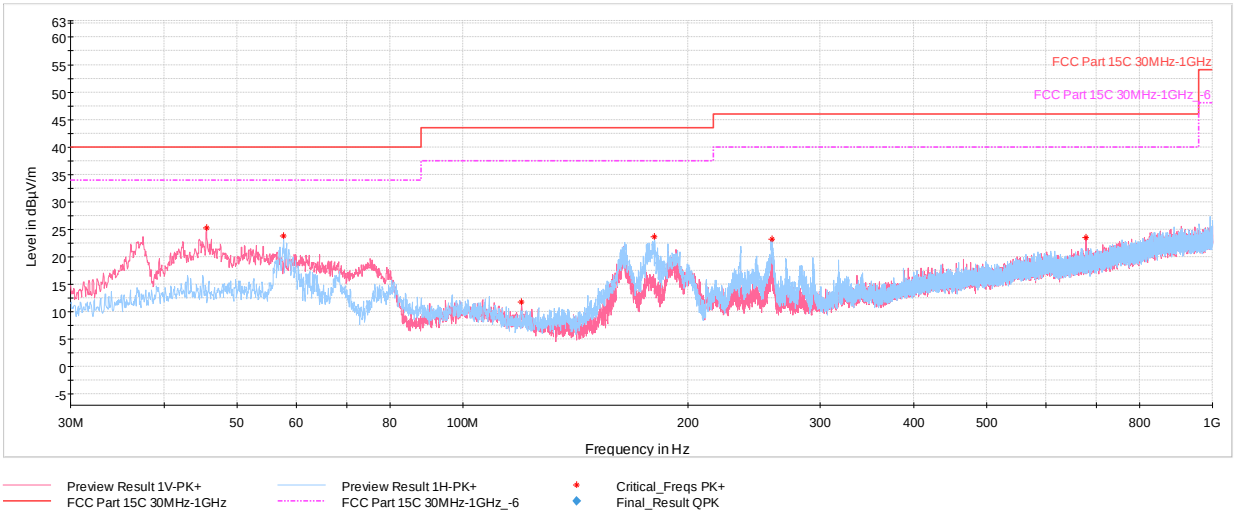
Plot 7-1971. Radiated Spurious Emissions below 1GHz CDD Diversity, 802.11ax (SU), Ch.40 with AC/DC Adapter

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]
36.94	Max-Peak	V	100	19	-65.66	-15.25	26.09	40.00	-13.91
81.65	Max-Peak	H	200	292	-68.71	-20.86	17.43	40.00	-22.57
145.33	Max-Peak	V	100	6	-70.58	-20.57	15.85	43.52	-27.67
193.88	Max-Peak	H	100	222	-63.05	-16.96	26.99	43.52	-16.53
315.33	Max-Peak	H	100	103	-71.55	-14.00	21.45	46.02	-24.57
607.97	Max-Peak	V	100	347	-79.22	-7.42	20.36	46.02	-25.66

Table 7-373. Radiated Spurious Emissions below 1GHz, 802.11ax (SU) CDD Diversity, Ch.40 with AC/DC Adapter

Simultaneous TX Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



Plot 7-1972. Radiated Spurious Emissions – Simultaneous Transmission 30MHz – 1GHz, with AC/DC Adapter)

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]
45.52	Max-Peak	V	100	30	-68.32	-13.44	25.24	40.00	-14.76
57.69	Max-Peak	H	200	311	-68.37	-14.77	23.86	40.00	-16.14
119.92	Max-Peak	V	200	110	-77.04	-18.24	11.72	43.52	-31.80
180.30	Max-Peak	H	200	283	-64.75	-18.58	23.67	43.52	-19.85
258.29	Max-Peak	H	100	134	-68.66	-15.16	23.18	46.02	-22.84
677.38	Max-Peak	V	100	48	-76.56	-6.84	23.60	46.02	-22.42

Table 7-374. Worst Case Simultaneous Transmission Configuration

7.8 AC Line-Conducted Emissions Measurement

§15.407; RSS-Gen [8.8]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for 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 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-375. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, 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.

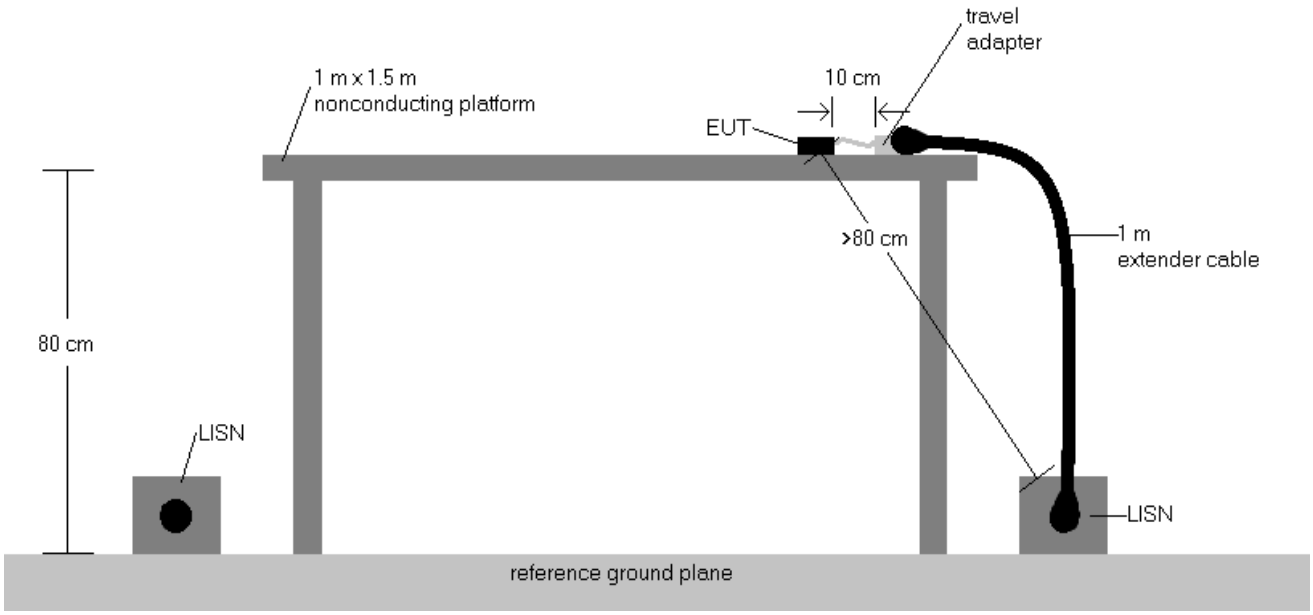
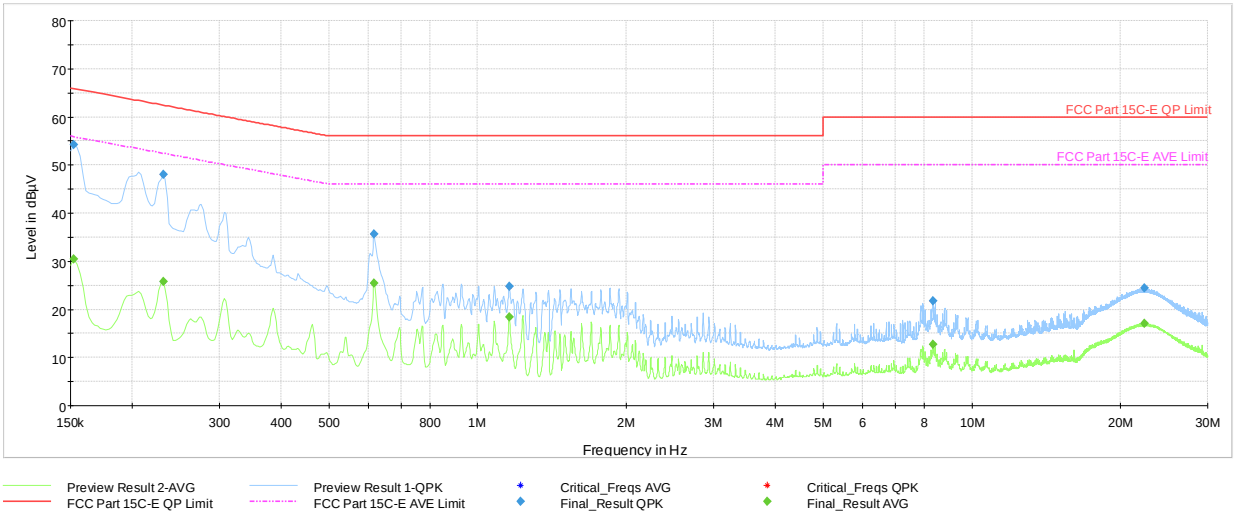


Figure 7-8. Test Instrument & Measurement Setup

Test Notes

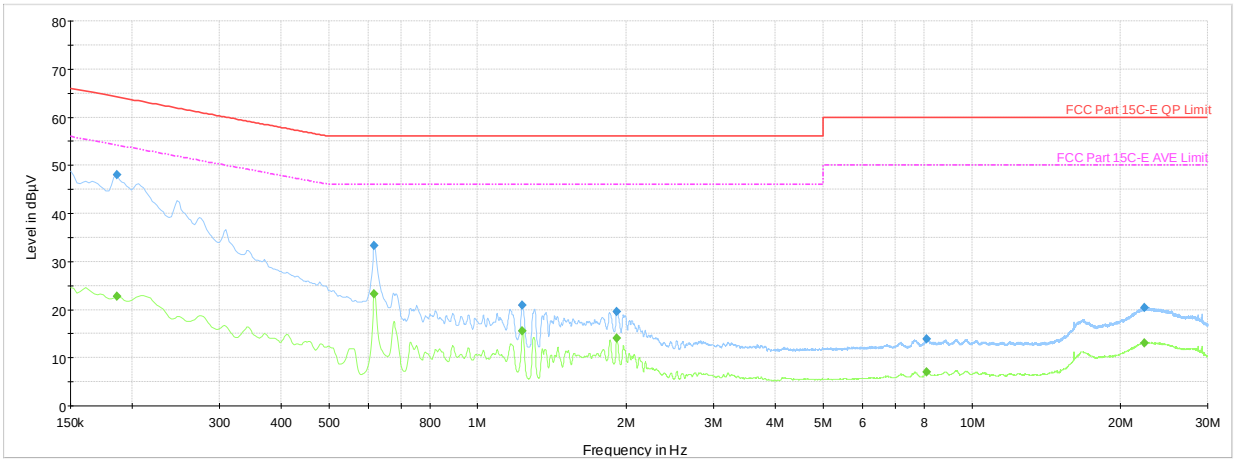
1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
    a. EUT powered by AC/DC adaptor via USB-C 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 and RSS-Gen (8.8).
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 7-1973. AC Line Conducted Plot with 802.11n CDD Primary – Ch.40 (L1), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.152	FINAL	—	30.54	55.88	-25.34	L1	GND
0.152	FINAL	54.2	—	65.88	-11.64	L1	GND
0.231	FINAL	—	25.71	52.41	-26.70	L1	GND
0.231	FINAL	48.0	—	62.41	-14.45	L1	GND
0.618	FINAL	—	25.52	46.00	-20.48	L1	GND
0.618	FINAL	35.7	—	56.00	-20.28	L1	GND
1.158	FINAL	24.8	—	56.00	-31.17	L1	GND
1.158	FINAL	—	18.46	46.00	-27.54	L1	GND
8.347	FINAL	21.8	—	60.00	-38.20	L1	GND
8.347	FINAL	—	12.65	50.00	-37.35	L1	GND
22.331	FINAL	—	17.10	50.00	-32.90	L1	GND
22.331	FINAL	24.4	—	60.00	-35.59	L1	GND

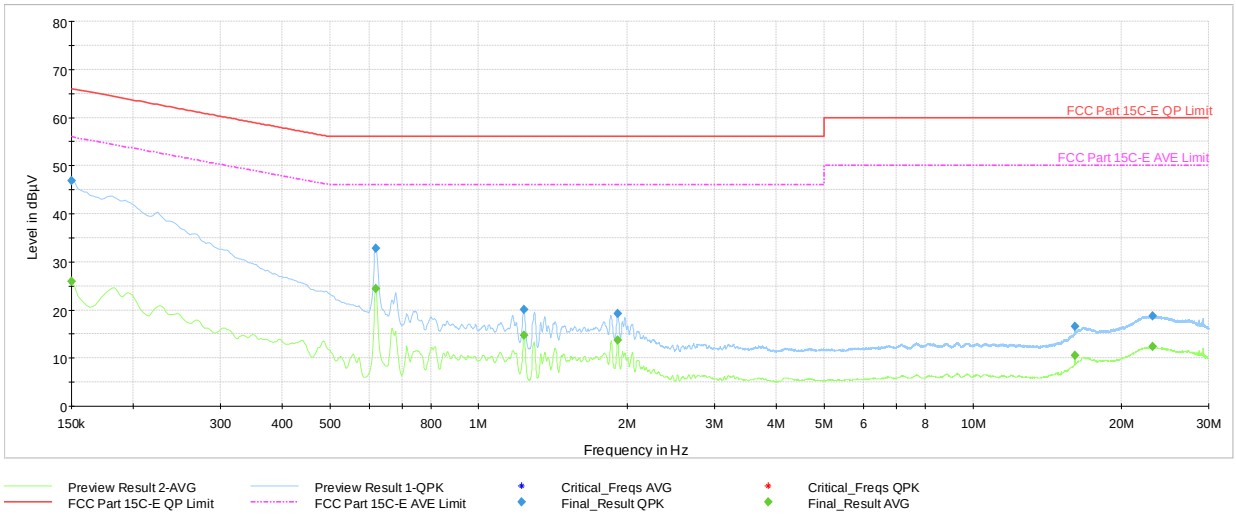
Table 7-376. AC Line Conducted Data with 802.11n CDD Primary – Ch.40 (L1) with AC/DC adapter



Plot 7-1974. AC Line Conducted Plot with 802.11n CDD Primary – Ch.40 (N), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.186	FINAL	—	22.69	54.21	-31.52	N	GND
0.186	FINAL	48.0	—	64.21	-16.25	N	GND
0.618	FINAL	—	23.30	46.00	-22.70	N	GND
0.618	FINAL	33.3	—	56.00	-22.71	N	GND
1.232	FINAL	—	15.60	46.00	-30.40	N	GND
1.232	FINAL	20.9	—	56.00	-35.09	N	GND
1.912	FINAL	19.6	—	56.00	-36.40	N	GND
1.912	FINAL	—	14.13	46.00	-31.87	N	GND
8.104	FINAL	13.9	—	60.00	-46.06	N	GND
8.104	FINAL	—	7.00	50.00	-43.00	N	GND
22.355	FINAL	—	13.14	50.00	-36.86	N	GND
22.355	FINAL	20.4	—	60.00	-39.56	N	GND

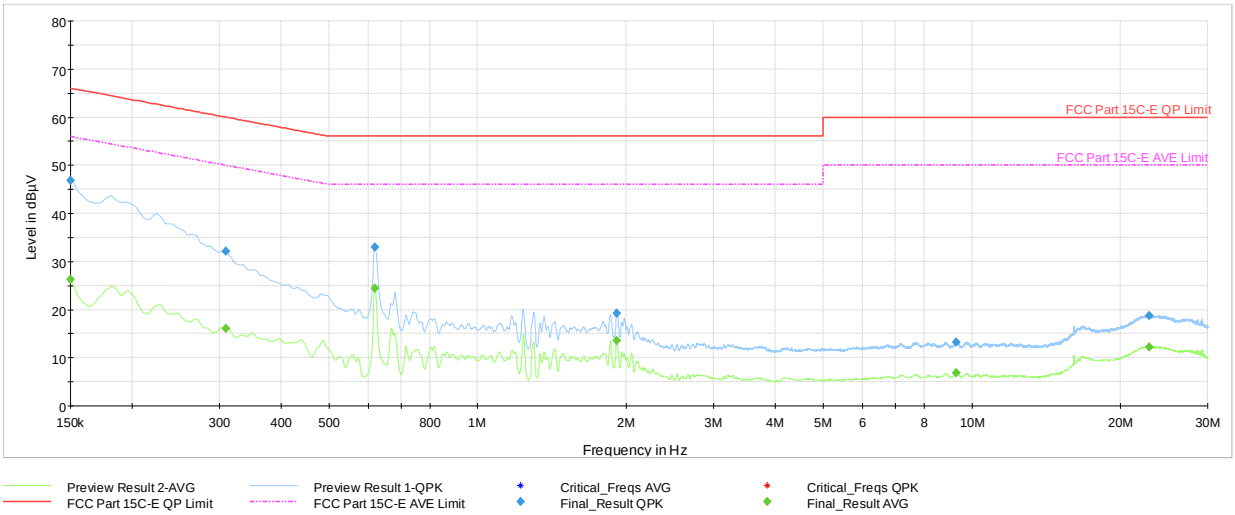
Table 7-377. AC Line Conducted Data with 802.11n CDD Primary – Ch.40 (N), with AC/DC adapter



Plot 7-1975. AC Line Conducted Plot with 802.11ax(SU) CDD Primary – Ch.40 (L1), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.150	FINAL	—	25.91	56.00	-30.09	L1	GND
0.150	FINAL	46.9	—	66.00	-19.08	L1	GND
0.620	FINAL	—	24.37	46.00	-21.63	L1	GND
0.620	FINAL	32.9	—	56.00	-23.11	L1	GND
1.235	FINAL	—	14.72	46.00	-31.28	L1	GND
1.235	FINAL	20.0	—	56.00	-35.98	L1	GND
1.912	FINAL	19.3	—	56.00	-36.75	L1	GND
1.912	FINAL	—	13.65	46.00	-32.35	L1	GND
16.080	FINAL	16.6	—	60.00	-43.43	L1	GND
16.080	FINAL	—	10.52	50.00	-39.48	L1	GND
23.129	FINAL	—	12.32	50.00	-37.68	L1	GND
23.129	FINAL	18.7	—	60.00	-41.32	L1	GND

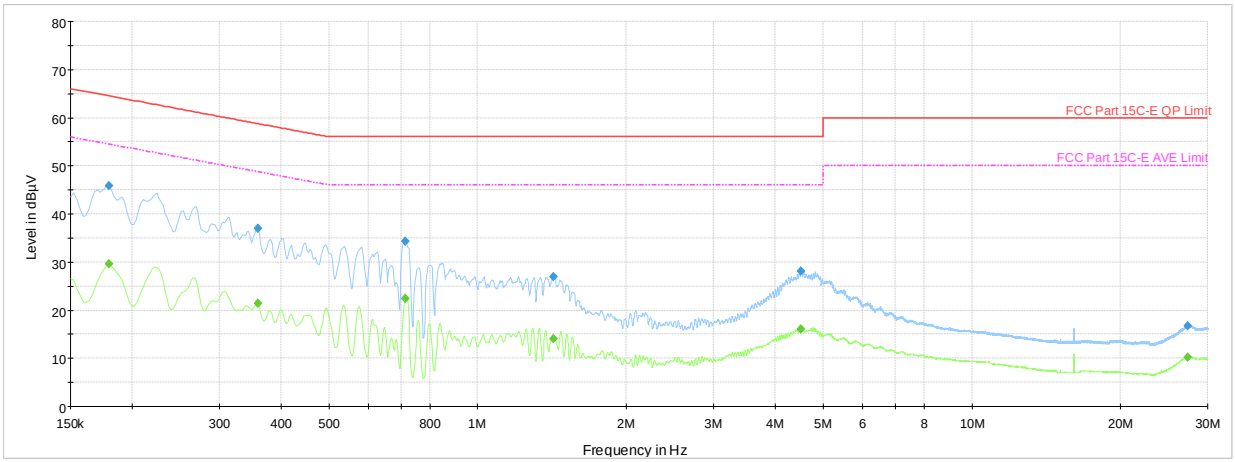
Table 7-378. AC Line Conducted Data with 802.11ax(SU) CDD Primary – Ch.40 (L1) with AC/DC adapter



Plot 7-1976. AC Line Conducted Plot with 802.11ax(SU) CDD Primary – Ch.40 (N), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.150	FINAL	—	26.31	56.00	-29.69	N	GND
0.150	FINAL	46.8	—	66.00	-19.16	N	GND
0.310	FINAL	—	16.00	49.98	-33.97	N	GND
0.310	FINAL	32.1	—	59.98	-27.85	N	GND
0.620	FINAL	—	24.40	46.00	-21.60	N	GND
0.620	FINAL	33.0	—	56.00	-22.97	N	GND
1.914	FINAL	19.2	—	56.00	-36.83	N	GND
1.914	FINAL	—	13.58	46.00	-32.42	N	GND
9.305	FINAL	13.3	—	60.00	-46.70	N	GND
9.305	FINAL	—	6.85	50.00	-43.15	N	GND
22.837	FINAL	—	12.24	50.00	-37.76	N	GND
22.837	FINAL	18.8	—	60.00	-41.22	N	GND

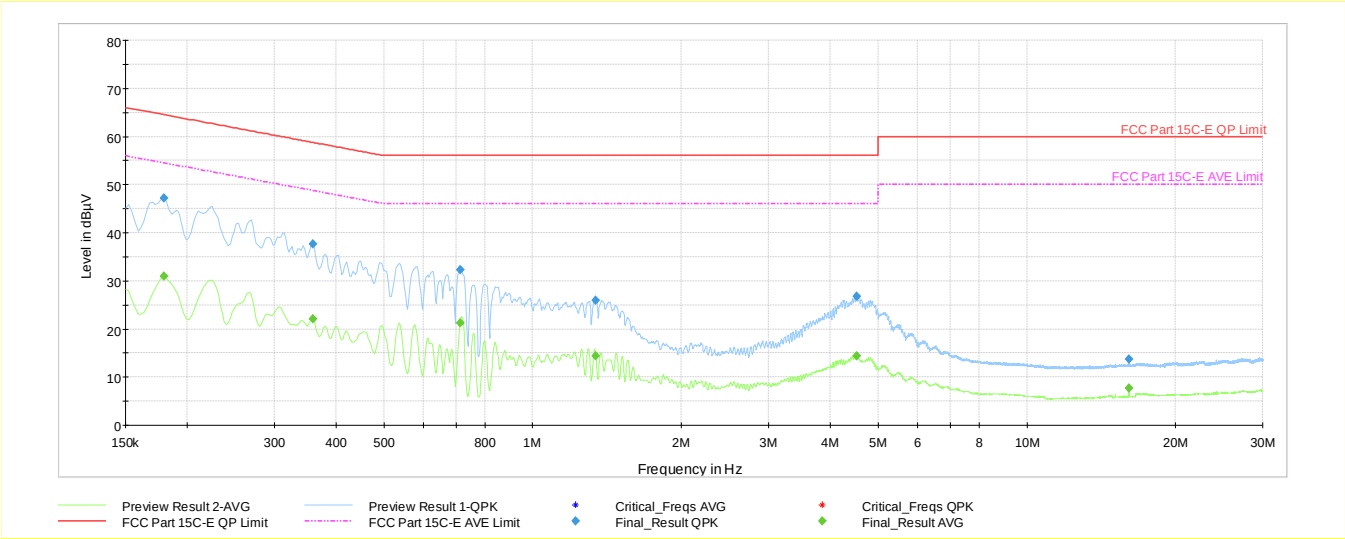
Table 7-379. AC Line Conducted Data with 802.11ax(SU) CDD Primary – Ch.40 (N), with AC/DC adapter



Plot 7-1977. AC Line Conducted Plot with 802.11n CDD Diversity – Ch.40 (L1), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.179	FINAL	—	29.54	54.52	-24.98	L1	GND
0.179	FINAL	45.9	—	64.52	-18.62	L1	GND
0.359	FINAL	—	21.36	48.75	-27.39	L1	GND
0.359	FINAL	37.0	—	58.75	-21.76	L1	GND
0.713	FINAL	—	22.37	46.00	-23.63	L1	GND
0.713	FINAL	34.4	—	56.00	-21.65	L1	GND
1.421	FINAL	27.0	—	56.00	-29.05	L1	GND
1.421	FINAL	—	14.10	46.00	-31.90	L1	GND
4.515	FINAL	28.1	—	56.00	-27.89	L1	GND
4.515	FINAL	—	16.05	46.00	-29.95	L1	GND
27.330	FINAL	—	10.29	50.00	-39.71	L1	GND
27.330	FINAL	16.7	—	60.00	-43.31	L1	GND

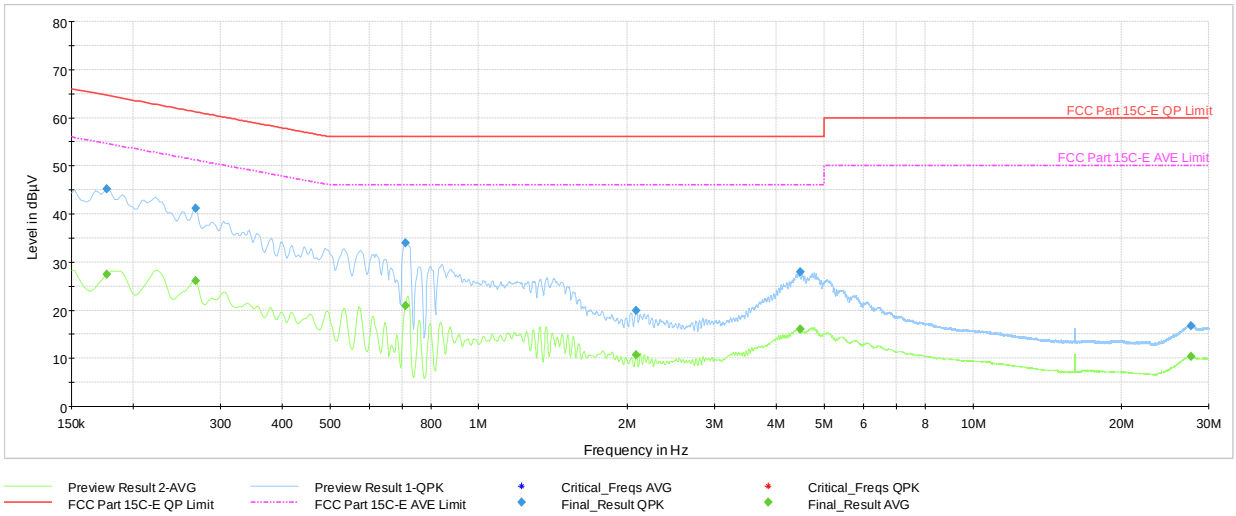
Table 7-380. AC Line Conducted Data with 802.11n CDD Diversity – Ch.40 (L1) with AC/DC adapter



Plot 7-1978. AC Line Conducted Plot with 802.11n CDD Diversity – Ch.40 (N), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.179	FINAL	—	30.90	54.52	-23.62	N	GND
0.179	FINAL	47.2	—	64.52	-17.35	N	GND
0.359	FINAL	—	22.14	48.75	-26.61	N	GND
0.359	FINAL	37.7	—	58.75	-21.03	N	GND
0.713	FINAL	—	21.21	46.00	-24.79	N	GND
0.713	FINAL	32.3	—	56.00	-23.72	N	GND
1.343	FINAL	25.9	—	56.00	-30.06	N	GND
1.343	FINAL	—	14.38	46.00	-31.62	N	GND
4.524	FINAL	26.8	—	56.00	-29.19	N	GND
4.524	FINAL	—	14.33	46.00	-31.67	N	GND
16.089	FINAL	—	7.71	50.00	-42.29	N	GND
16.089	FINAL	13.7	—	60.00	-46.28	N	GND

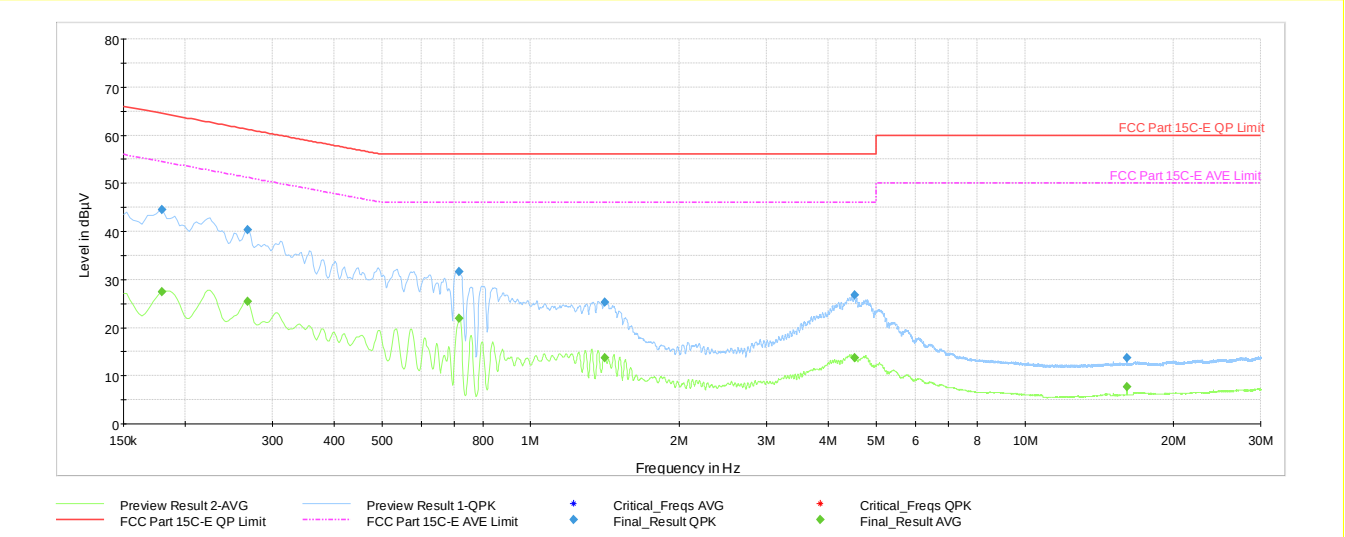
Table 7-381. AC Line Conducted Data with 802.11n CDD Diversity – Ch.40 (N), with AC/DC adapter



Plot 7-1979. AC Line Conducted Plot with 802.11ax(SU) CDD Diversity – Ch.40 (L1), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.177	FINAL	—	27.49	54.63	-27.14	L1	GND
0.177	FINAL	45.2	—	64.63	-19.46	L1	GND
0.267	FINAL	—	26.10	51.21	-25.11	L1	GND
0.267	FINAL	41.2	—	61.21	-20.02	L1	GND
0.710	FINAL	—	20.98	46.00	-25.02	L1	GND
0.710	FINAL	34.0	—	56.00	-22.04	L1	GND
2.078	FINAL	19.9	—	56.00	-36.06	L1	GND
2.078	FINAL	—	10.77	46.00	-35.23	L1	GND
4.477	FINAL	28.0	—	56.00	-27.97	L1	GND
4.477	FINAL	—	16.02	46.00	-29.98	L1	GND
27.618	FINAL	—	10.32	50.00	-39.68	L1	GND
27.618	FINAL	16.7	—	60.00	-43.34	L1	GND

Table 7-382. AC Line Conducted Data with 802.11ax(SU) CDD Diversity – Ch.40 (L1) with AC/DC adapter



Plot 7-1980. AC Line Conducted Plot with 802.11ax(SU) CDD Diversity – Ch.40 (N), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.179	FINAL	—	27.39	54.52	-27.13	N	GND
0.179	FINAL	44.5	—	64.52	-20.06	N	GND
0.267	FINAL	—	25.52	51.21	-25.69	N	GND
0.267	FINAL	40.4	—	61.21	-20.81	N	GND
0.717	FINAL	—	21.99	46.00	-24.01	N	GND
0.717	FINAL	31.7	—	56.00	-24.34	N	GND
1.415	FINAL	25.2	—	56.00	-30.77	N	GND
1.415	FINAL	—	13.70	46.00	-32.30	N	GND
4.517	FINAL	26.7	—	56.00	-29.26	N	GND
4.517	FINAL	—	13.66	46.00	-32.34	N	GND
16.067	FINAL	—	7.66	50.00	-42.34	N	GND
16.067	FINAL	13.7	—	60.00	-46.28	N	GND

Table 7-383. AC Line Conducted Data with 802.11ax(SU) CDD Diversity – Ch.40 (N), with AC/DC adapter

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2926** and **IC: 579C-A2926** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-247 of the Innovation, Science and Economic Development Canada Rules.