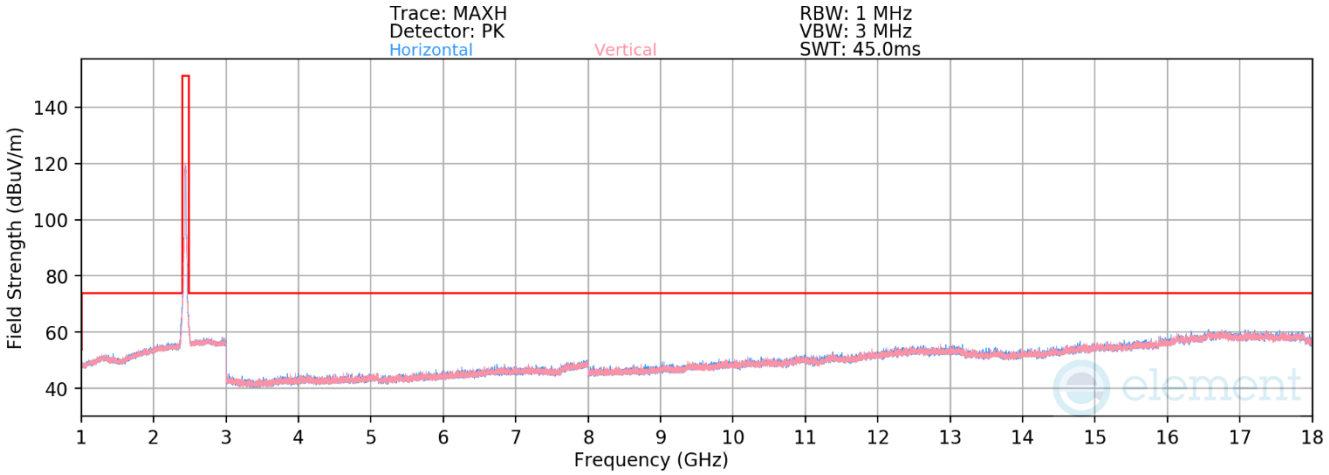
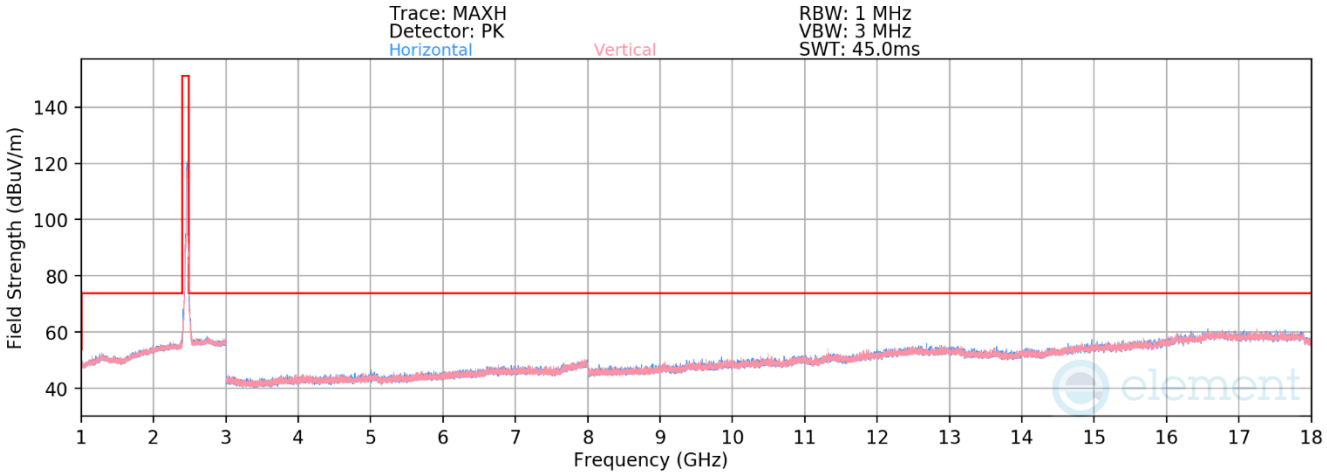


Plot 7-206. Radiated Spurious Emissions above 1GHz CDD Primary (802.11ax OFDMA – RU242 – Ch. 6)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Average	H	-	-	-78.95	7.60	35.65	53.98	-18.33
4874.00	Peak	H	-	-	-68.93	7.60	45.67	73.98	-28.31
7311.00	Average	H	-	-	-79.83	10.90	38.07	53.98	-15.91
7311.00	Peak	H	-	-	-70.53	10.90	47.37	73.98	-26.61
12185.00	Average	H	-	-	-82.33	19.02	43.70	53.98	-10.28
12185.00	Peak	H	-	-	-71.75	18.32	53.57	73.98	-20.41

Table 7-53. Radiated Measurements CDD Primary (RU242)



Plot 7-207. Radiated Spurious Emissions above 1GHz CDD Primary (802.11ax OFDMA – RU242 – Ch. 11)

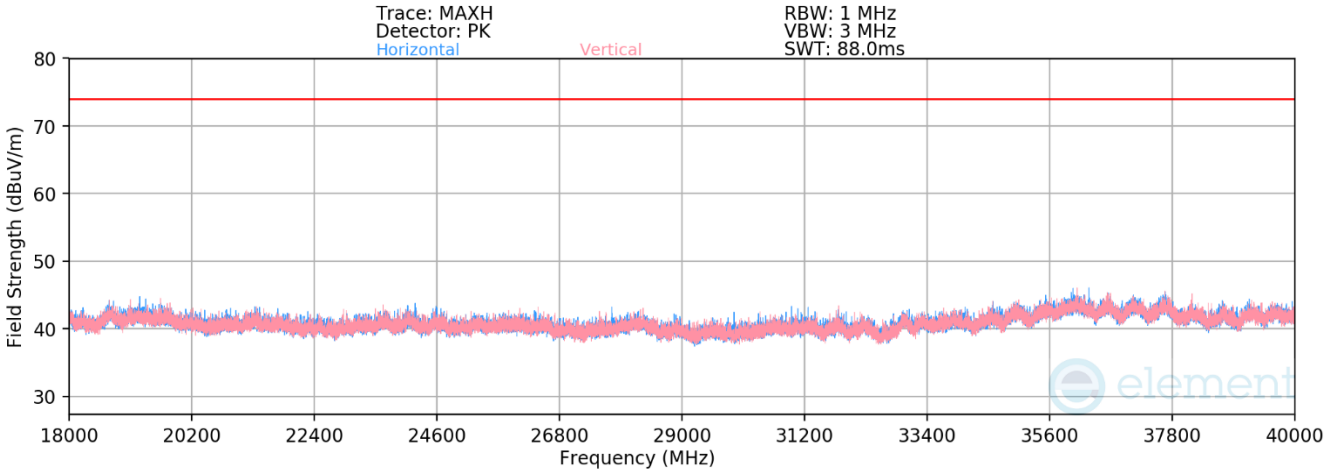
Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Average	V	-	-	-79.80	7.20	34.39	53.98	-19.59
4924.00	Peak	V	-	-	-69.02	7.20	45.18	73.98	-28.80
7386.00	Average	V	-	-	-80.59	10.86	37.26	53.98	-16.72
7386.00	Peak	V	-	-	-69.80	10.88	48.09	73.98	-25.89
12310.00	Average	V	-	-	-82.39	19.08	43.69	53.98	-10.29
12310.00	Peak	V	-	-	-72.22	19.08	53.86	73.98	-20.12

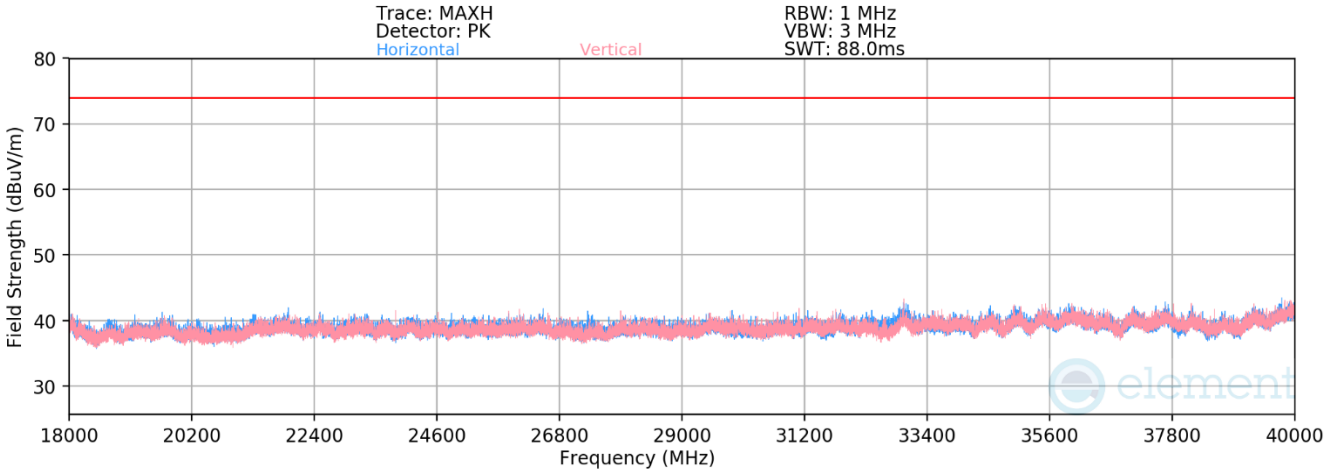
Table 7-54. Radiated Measurements CDD Primary (RU242)

CDD Primary Radiated Spurious Emission Measurements (Above 18GHz)

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



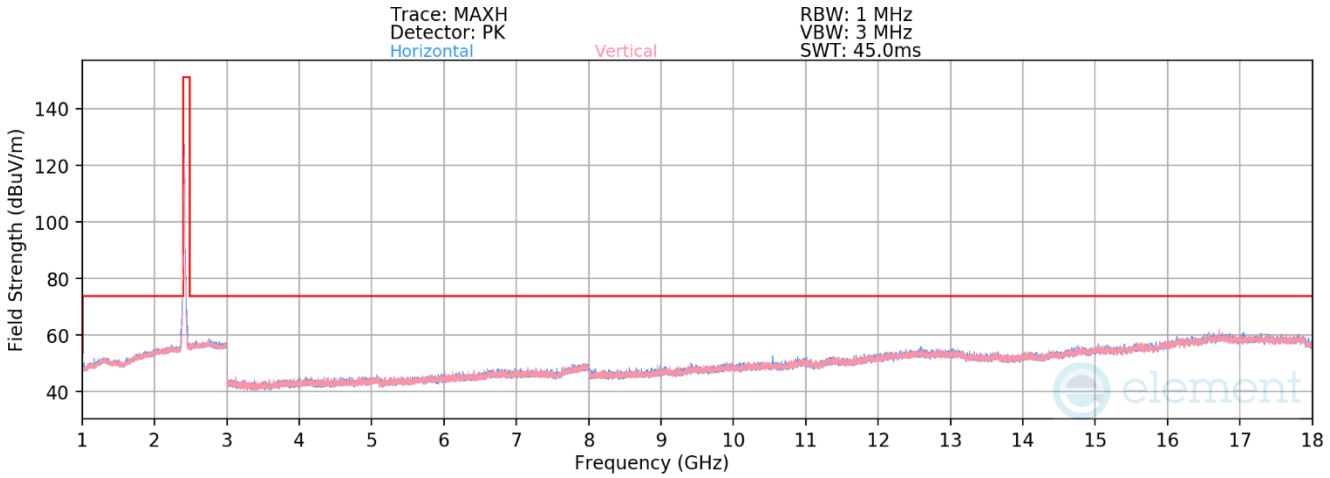
Plot 7-208. Radiated Spurious Emissions above 18GHz CDD Primary (802.11ax OFDMA – RU26 – Ch. 6)



Plot 7-209. Radiated Spurious Emissions above 18GHz CDD Primary (802.11ax OFDMA – RU242 – Ch. 6)

7.7.5 CDD Diversity Radiated Spurious Emission Measurements

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

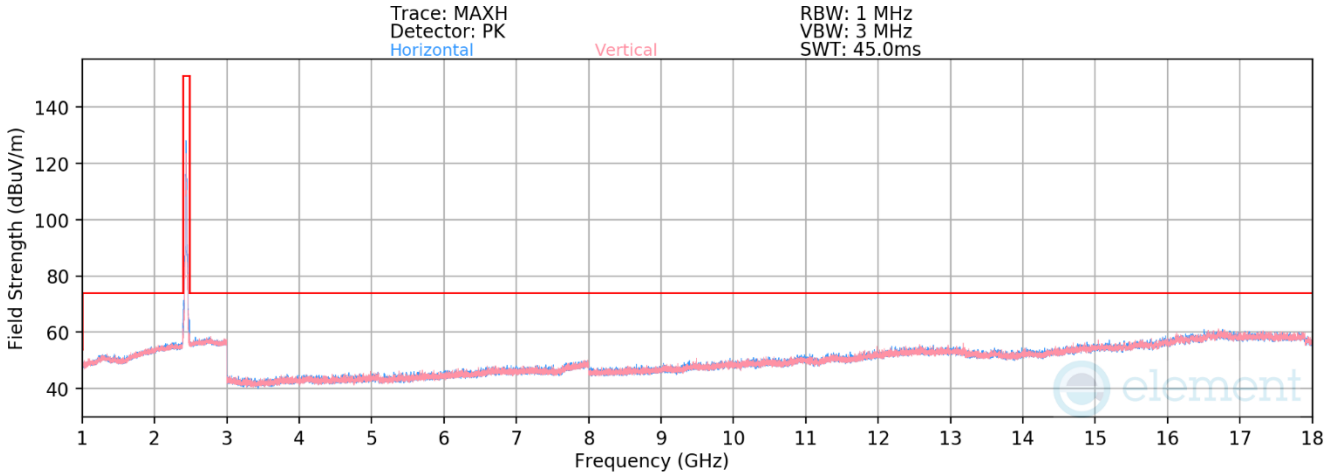


Plot 7-210. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax OFDMA – RU26 – Ch. 1)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4824.00	Average	H	-	-	-80.13	7.18	34.05	53.98	-19.93
4824.00	Peak	H	-	-	-69.14	7.18	45.04	73.98	-28.94
12060.00	Average	H	-	-	-83.40	18.39	41.99	53.98	-11.99
12060.00	Peak	H	-	-	-72.32	18.39	53.07	73.98	-20.91

Table 7-55. Radiated Measurements CDD Diversity (RU26)

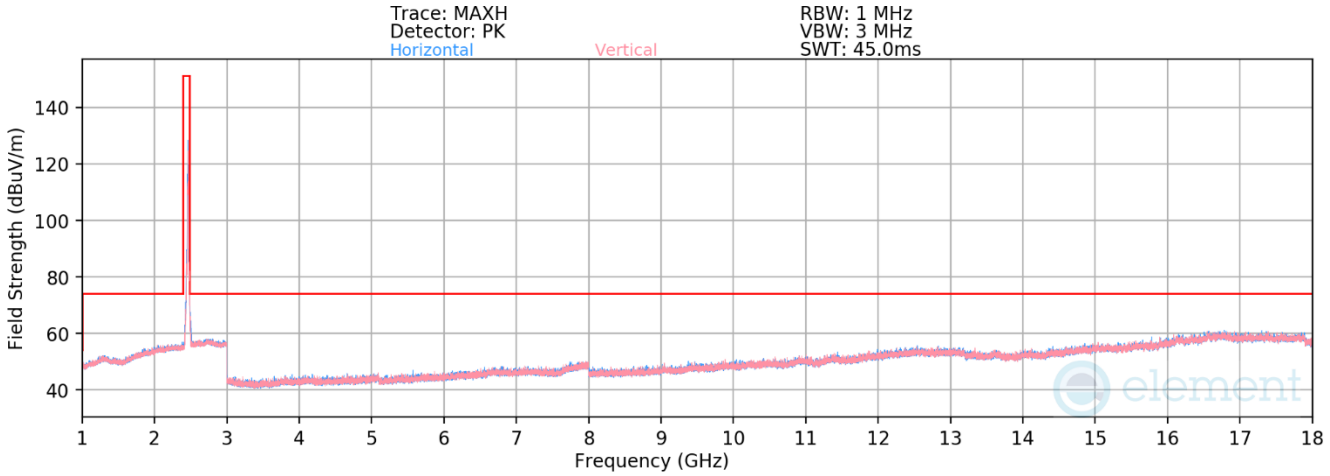


Plot 7-211. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax OFDMA – RU26 – Ch. 6)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Average	V	-	-	-80.61	7.60	33.99	53.98	-19.99
4874.00	Peak	V	-	-	-68.66	7.60	45.94	73.98	-28.04
7311.00	Average	V	-	-	-81.40	10.90	36.50	53.98	-17.48
7311.00	Peak	V	-	-	-70.36	10.90	47.55	73.98	-26.43
12185.00	Average	V	-	-	-83.25	18.77	42.52	53.98	-11.46
12185.00	Peak	V	-	-	-71.60	18.77	54.17	73.98	-19.81

Table 7-56. Radiated Measurements CDD Diversity (RU26)

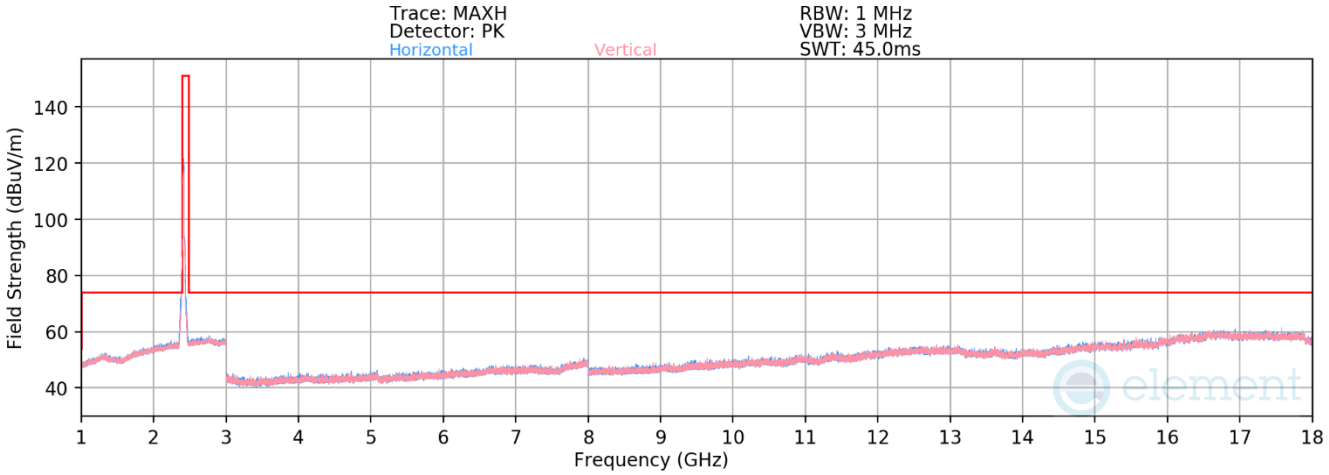


Plot 7-212. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax OFDMA – RU26 – Ch. 11)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Average	H	-	-	-80.62	7.20	33.57	53.98	-20.41
4924.00	Peak	H	-	-	-68.60	7.20	45.59	73.98	-28.39
7386.00	Average	H	-	-	-81.73	10.86	36.13	53.98	-17.85
7386.00	Peak	H	-	-	-69.68	10.86	48.18	73.98	-25.80
12310.00	Average	H	-	-	-83.41	19.08	42.67	53.98	-11.31
12310.00	Peak	H	-	-	-72.25	19.08	53.83	73.98	-20.15

Table 7-57. Radiated Measurements CDD Diversity (RU26)

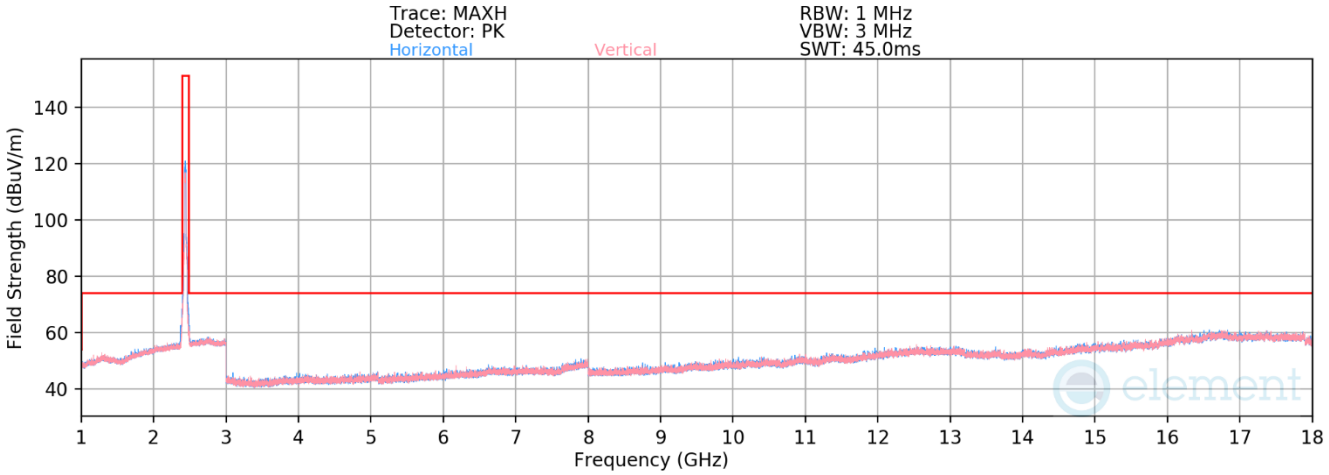


Plot 7-213. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax OFDMA – RU242 – Ch. 1)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4824.00	Average	V	-	-	-80.25	7.18	33.93	53.98	-20.05
4824.00	Peak	V	-	-	-68.42	7.18	45.76	73.98	-28.22
12060.00	Average	V	-	-	-83.60	18.39	41.79	53.98	-12.19
12060.00	Peak	V	-	-	-71.18	18.39	54.22	73.98	-19.76

Table 7-58. Radiated Measurements CDD Diversity (RU242)

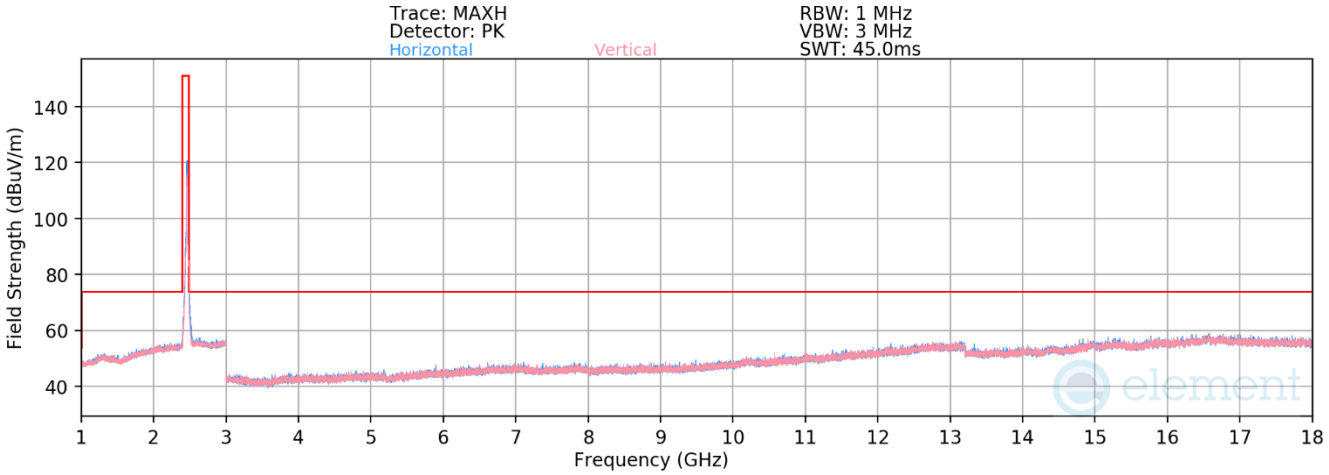


Plot 7-214. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax OFDMA – RU242 – Ch. 6)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Average	V	-	-	-80.67	7.60	33.93	53.98	-20.05
4874.00	Peak	V	-	-	-69.08	7.60	45.53	73.98	-28.45
7311.00	Average	V	-	-	-81.59	10.90	36.31	53.98	-17.67
7311.00	Peak	V	-	-	-69.71	10.90	48.19	73.98	-25.79
12185.00	Average	V	-	-	-83.56	19.02	42.47	53.98	-11.51
12185.00	Peak	V	-	-	-71.88	19.02	54.15	73.98	-19.83

Table 7-59. Radiated Measurements CDD Diversity (RU242)



Plot 7-215. Radiated Spurious Emissions above 1GHz CDD Diversity (802.11ax OFDMA – RU242 – Ch. 11)

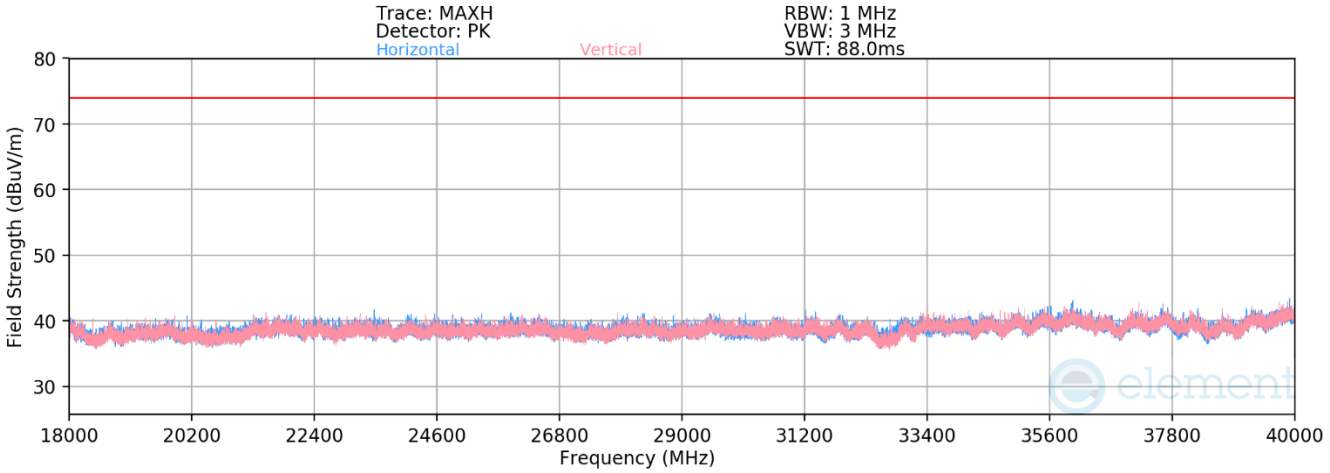
Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Average	V	-	-	-80.38	7.88	34.49	53.98	-19.49
4924.00	Peak	V	-	-	-69.41	7.88	45.47	73.98	-28.51
7386.00	Average	V	-	-	-82.06	10.98	35.91	53.98	-18.07
7386.00	Peak	V	-	-	-70.63	10.98	47.34	73.98	-26.64
12310.00	Average	V	-	-	-83.53	18.93	42.41	53.98	-11.57
12310.00	Peak	V	-	-	-72.40	18.93	53.53	73.98	-20.45

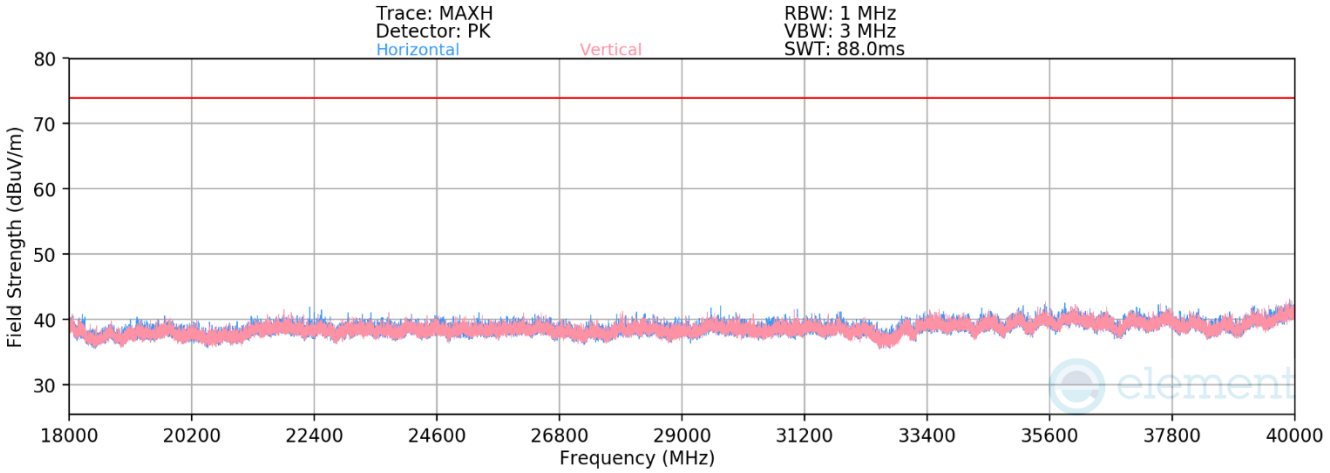
Table 7-60. Radiated Measurements CDD Diversity (RU242)

CDD Diversity Radiated Spurious Emission Measurements (Above 18GHz)

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



Plot 7-216. Radiated Spurious Emissions above 18GHz CDD Diversity (802.11ax OFDMA – RU26 – Ch. 6)



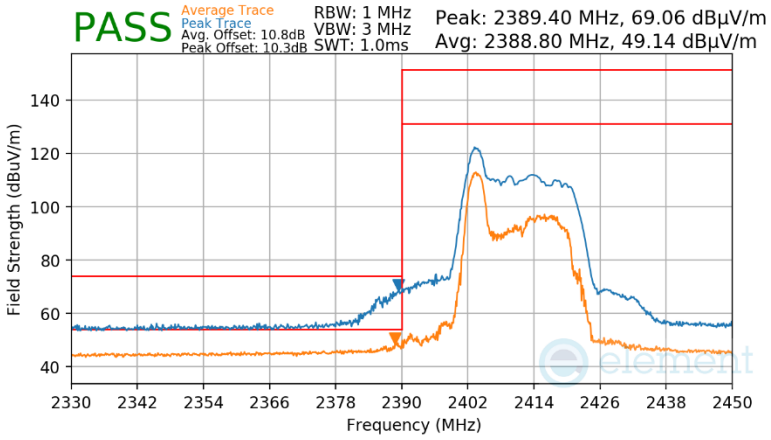
Plot 7-217. Radiated Spurious Emissions above 18GHz CDD Diversity (802.11ax OFDMA – RU242 – Ch. 6)

7.7.6 Antenna WF8 Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

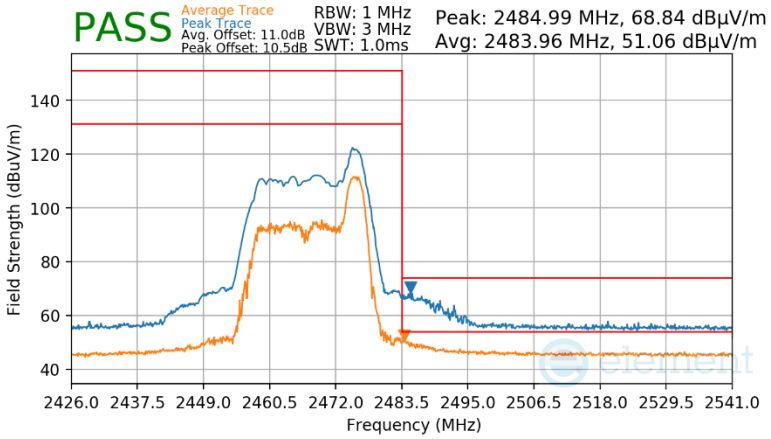
RU26

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



Plot 7-218 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU26)

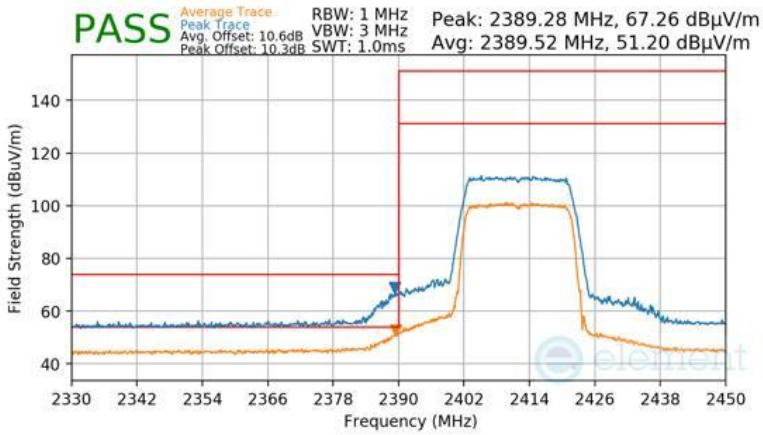
Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-219 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU26)

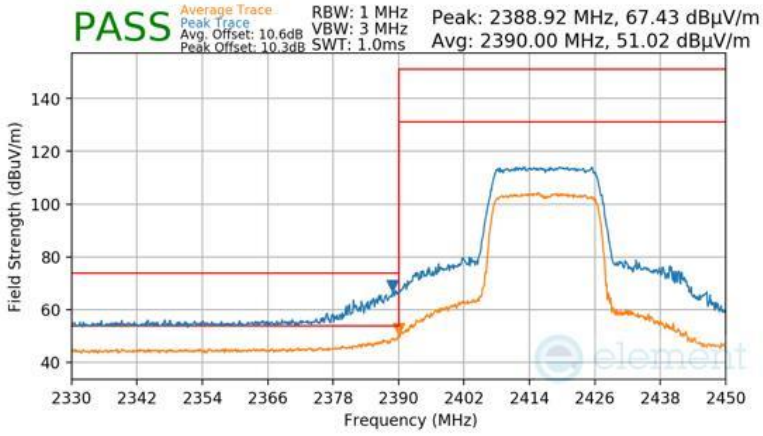
RU242

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



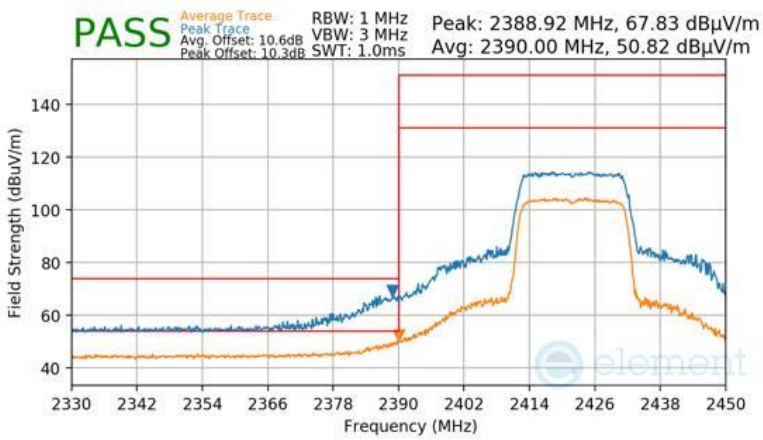
Plot 7-220 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



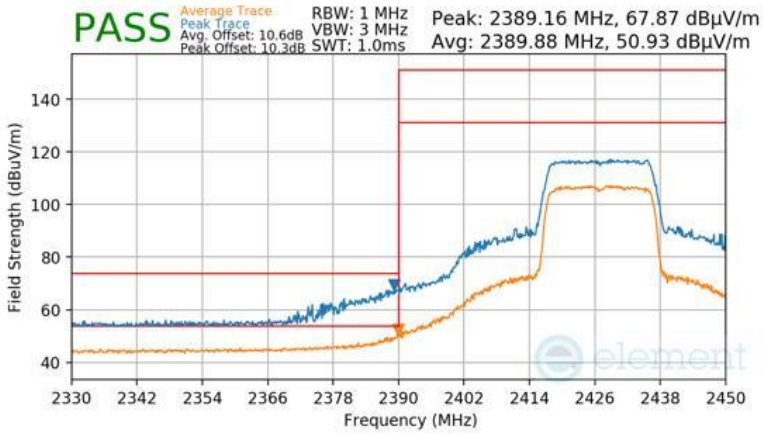
Plot 7-221 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



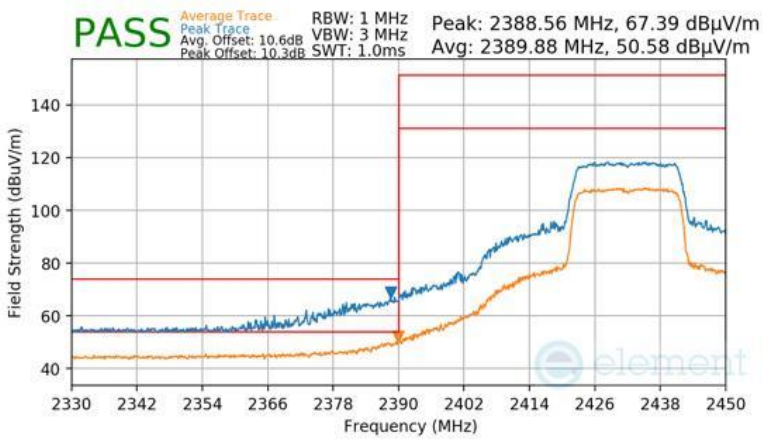
Plot 7-222 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



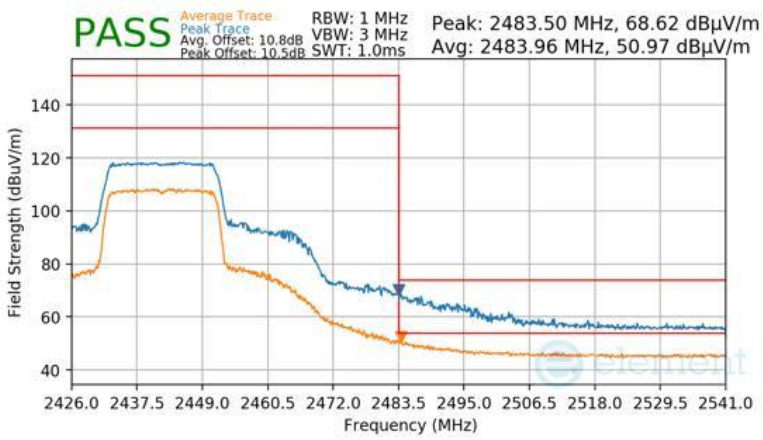
Plot 7-223 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



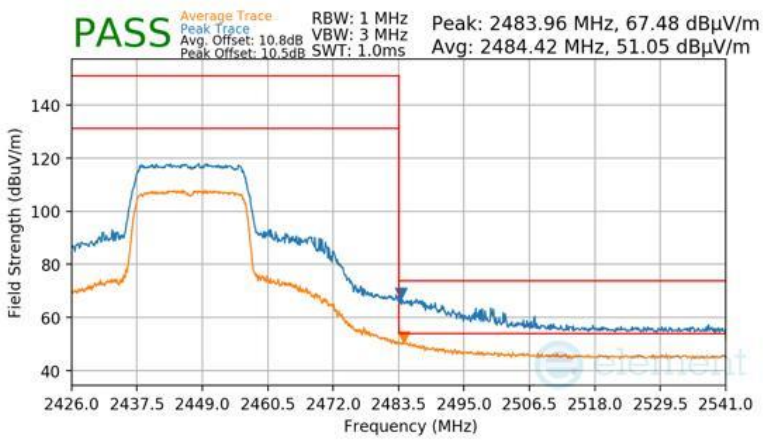
Plot 7-224 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



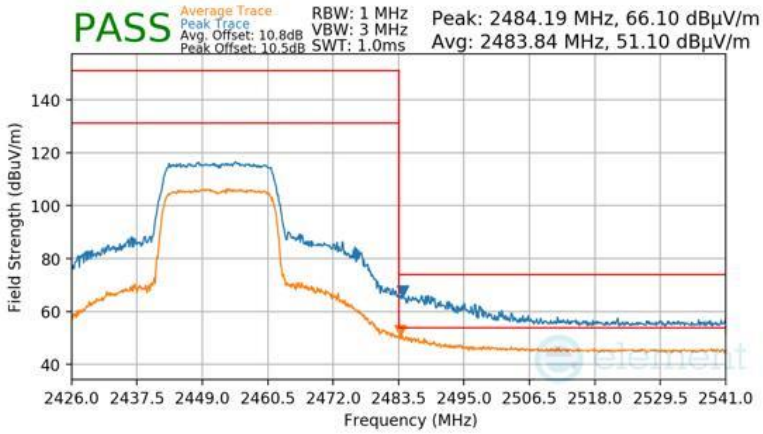
Plot 7-225 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



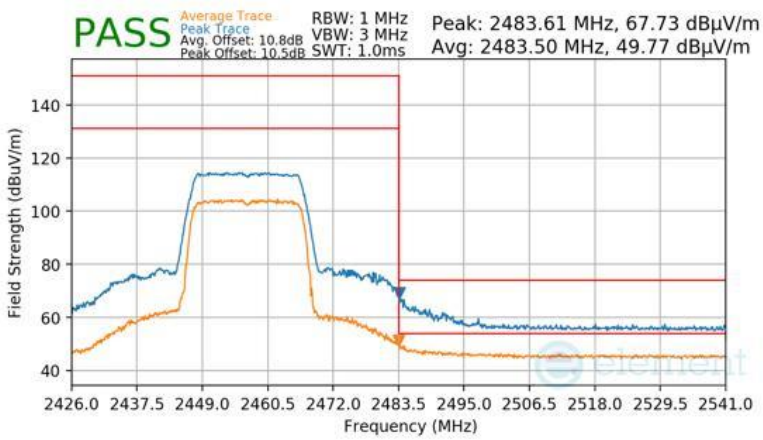
Plot 7-226 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



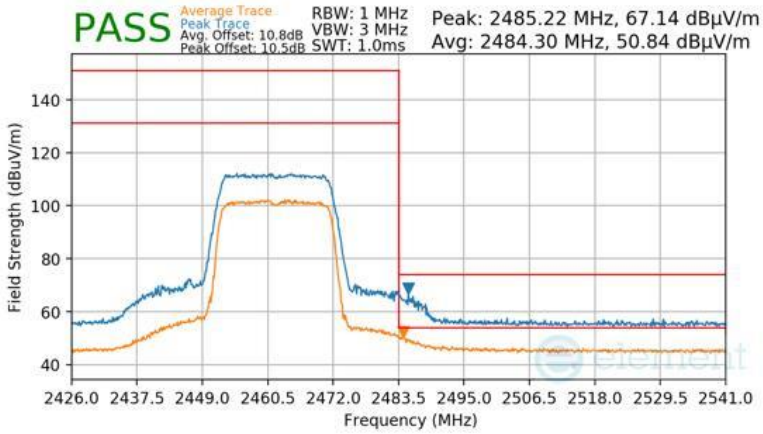
Plot 7-227 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



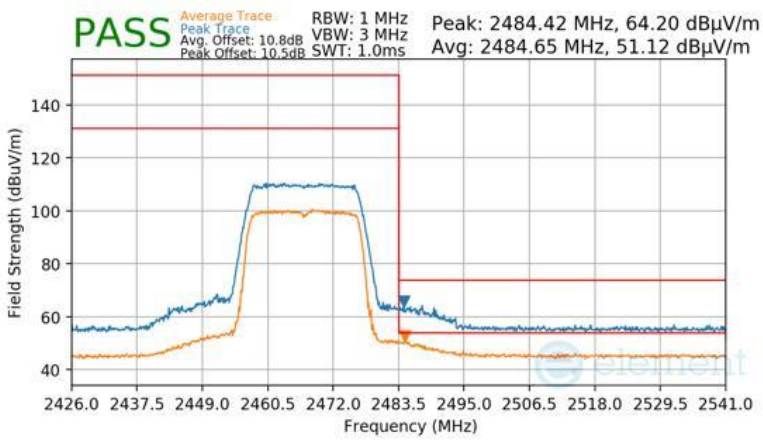
Plot 7-228 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



Plot 7-229 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

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



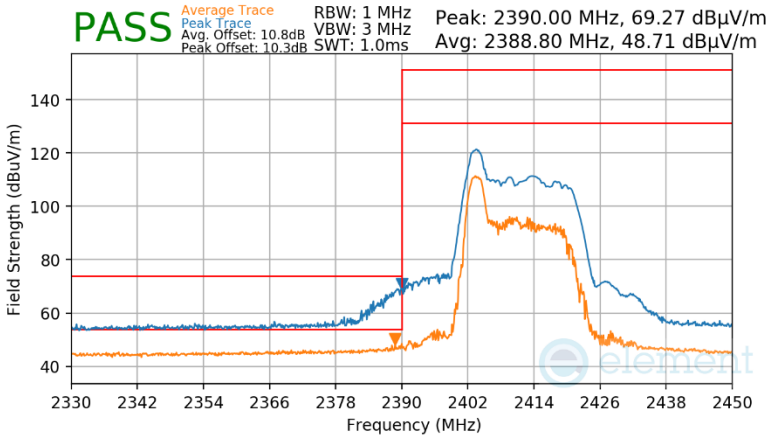
Plot 7-230 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF8 (PEAK & AVERAGE – RU242)

7.7.7 Antenna WF7 Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

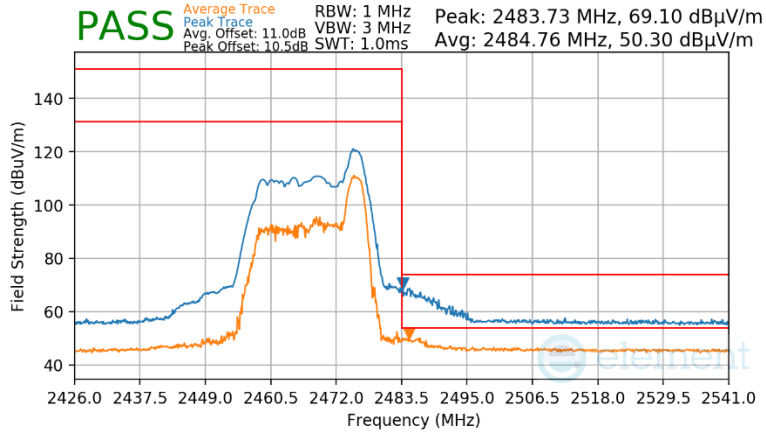
RU26

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



Plot 7-231 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU26)

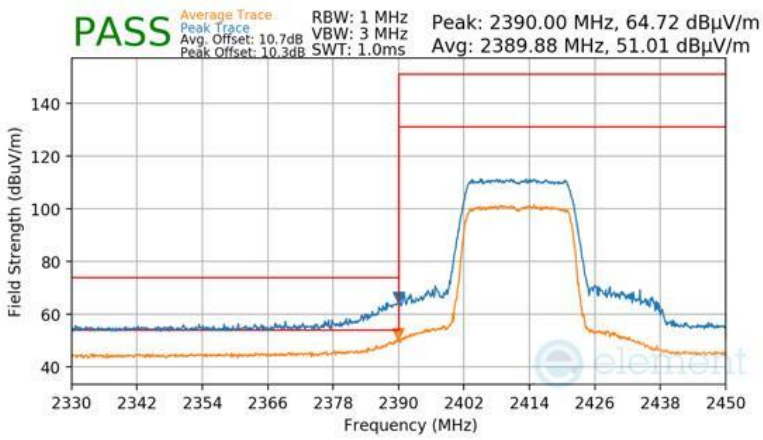
Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-232 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU26)

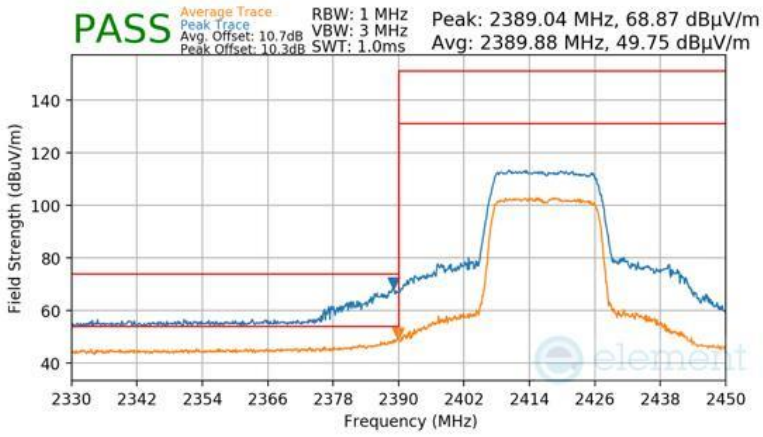
RU242

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



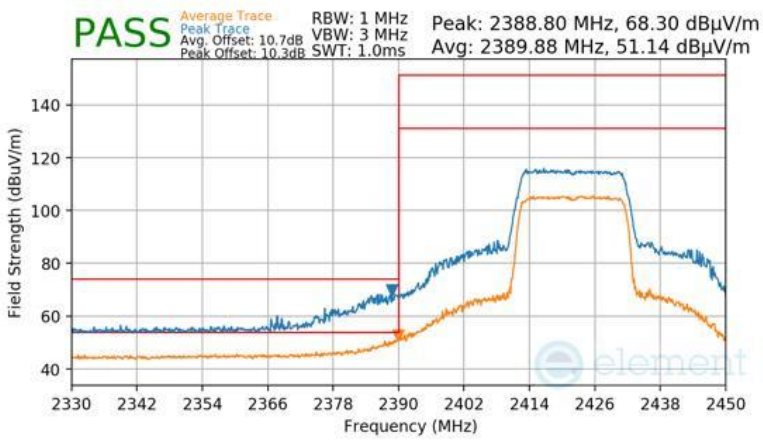
Plot 7-233 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



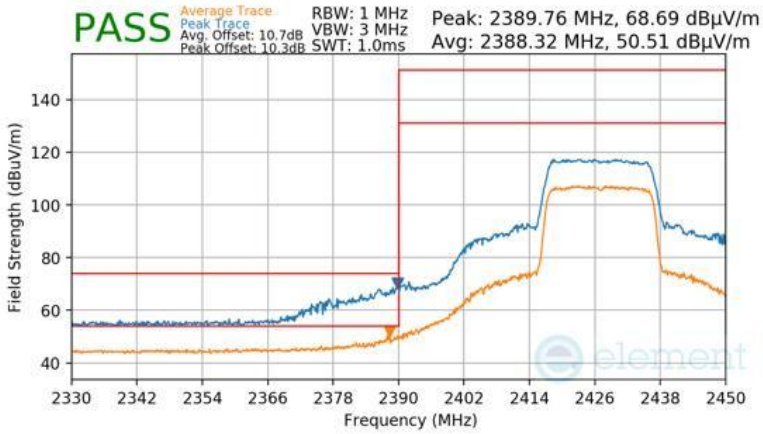
Plot 7-234 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



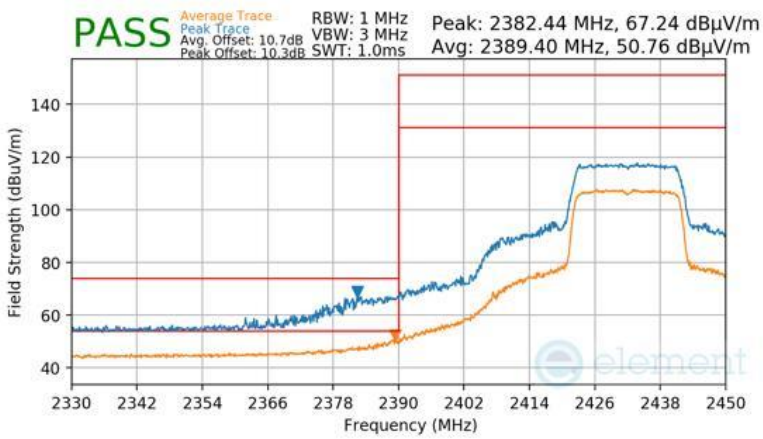
Plot 7-235 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



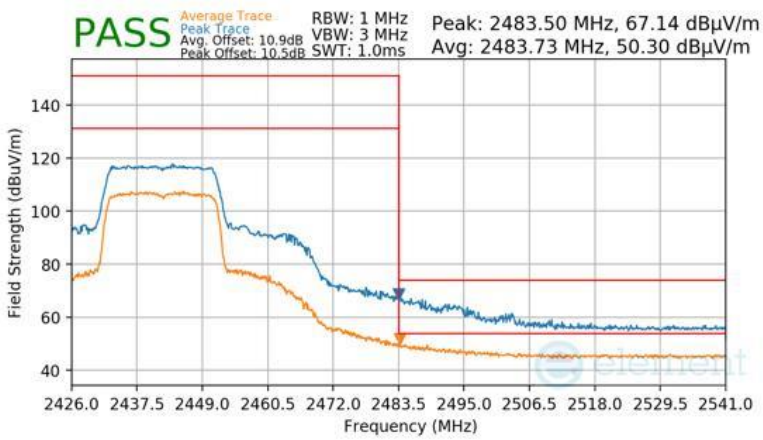
Plot 7-236 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



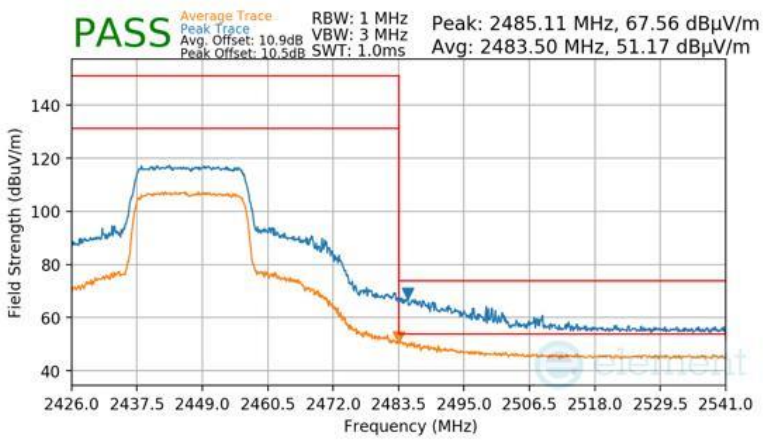
Plot 7-237 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



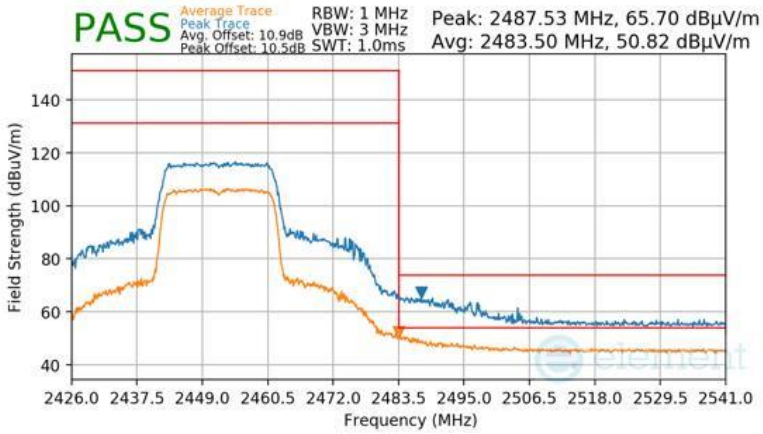
Plot 7-238 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



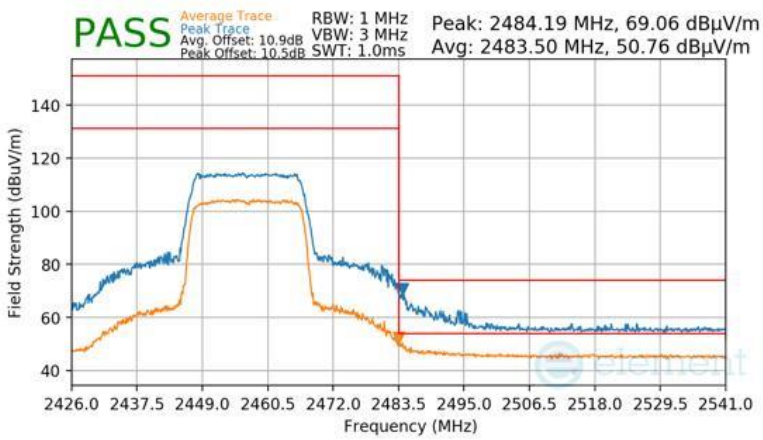
Plot 7-239 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



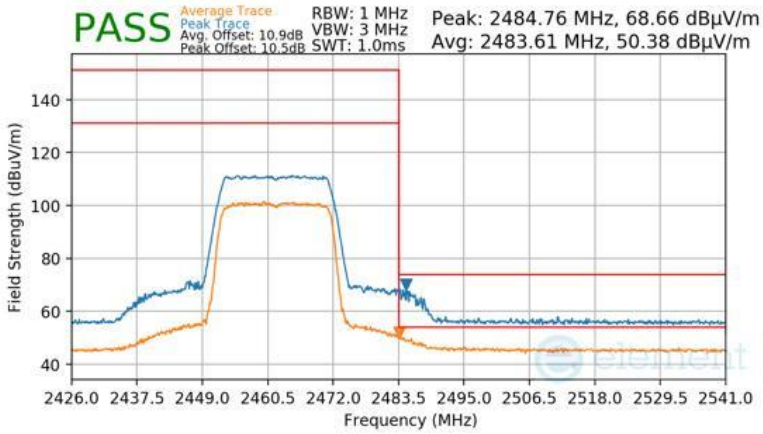
Plot 7-240 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



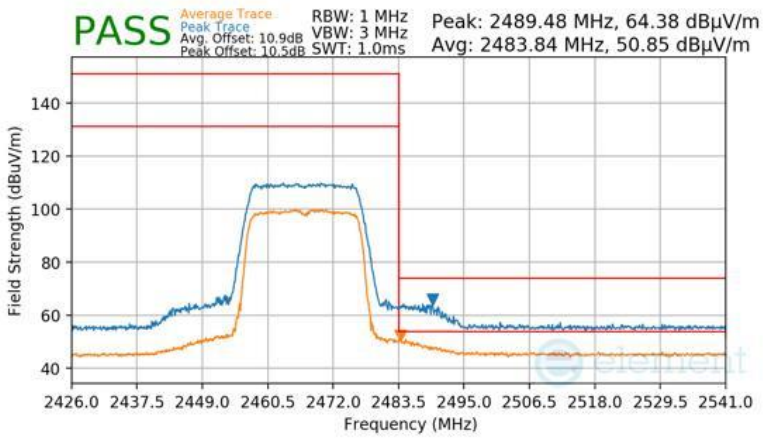
Plot 7-241 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



Plot 7-242 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

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



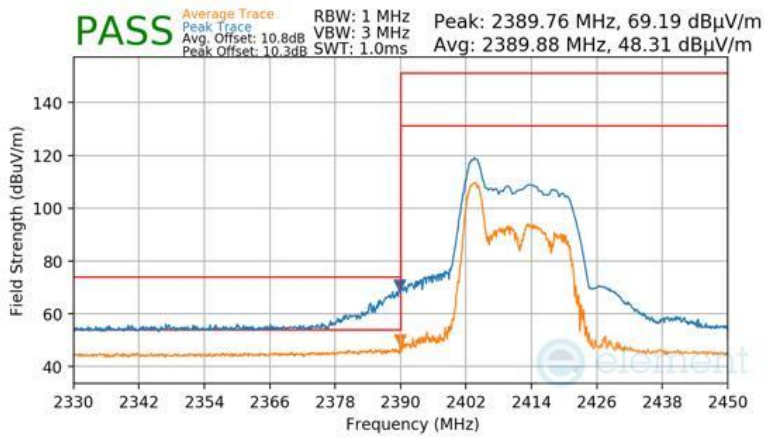
Plot 7-243 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF7 (PEAK & AVERAGE – RU242)

7.7.8 Antenna WF9 Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

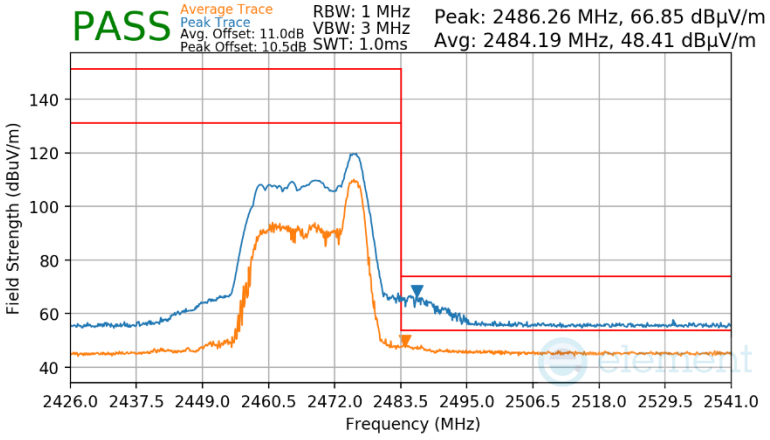
RU26

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



Plot 7-244 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU26)

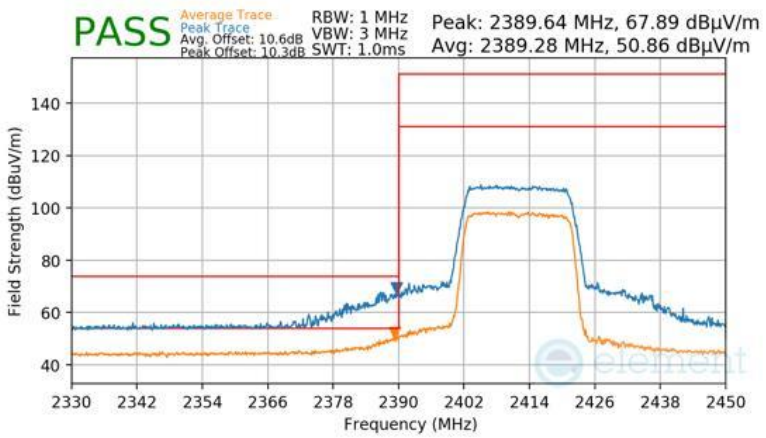
Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-245 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU26)

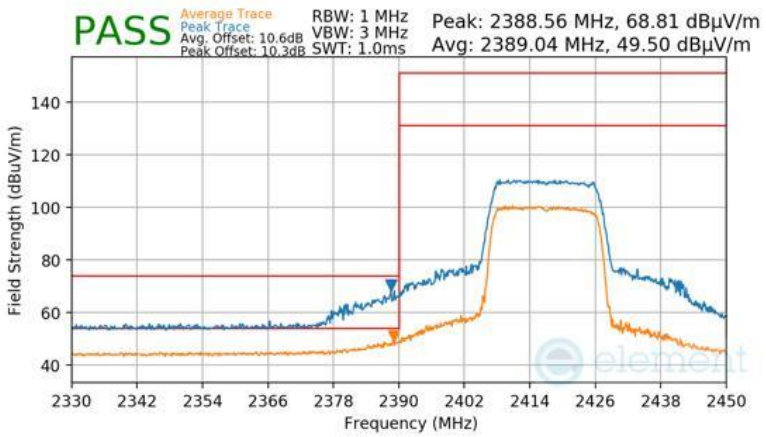
RU242

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



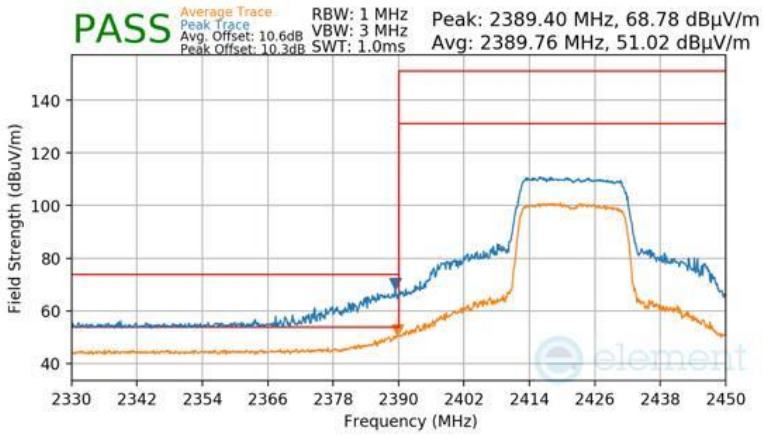
Plot 7-246 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



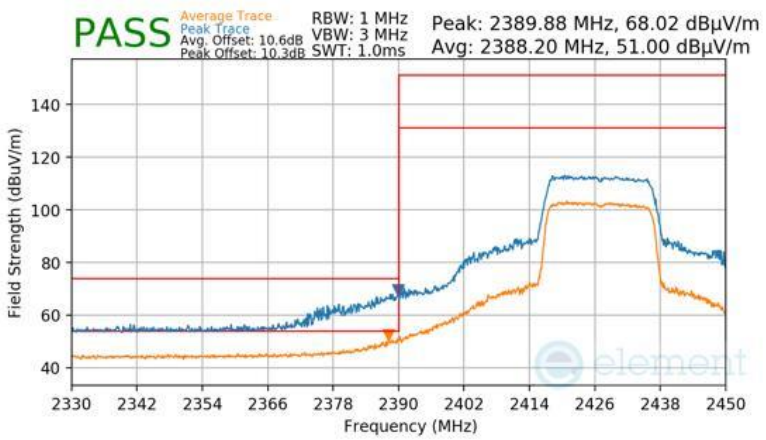
Plot 7-247 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



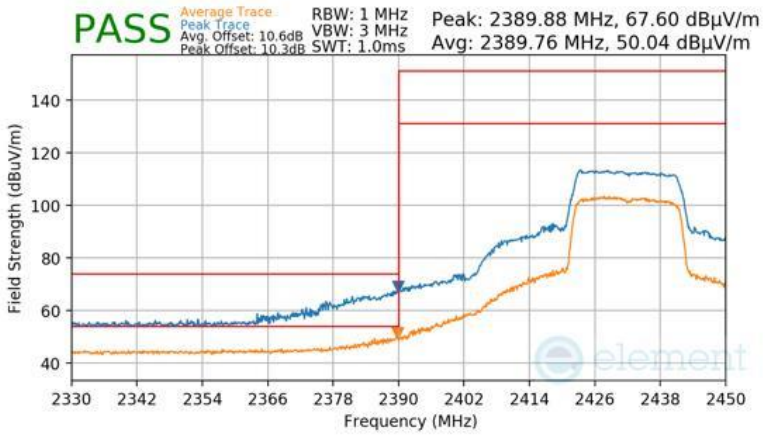
Plot 7-248 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



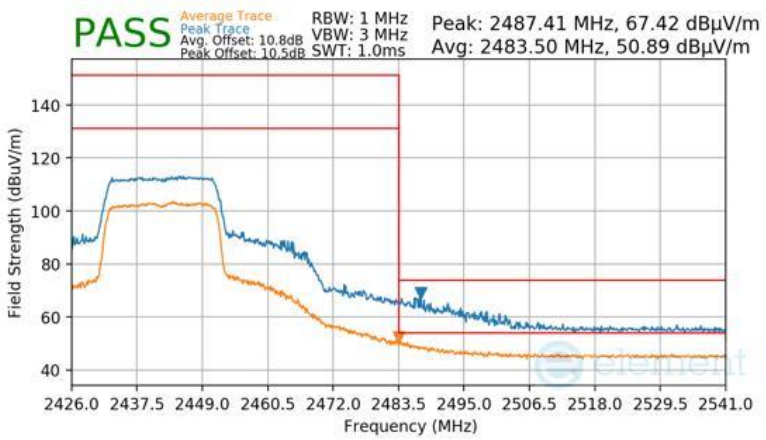
Plot 7-249 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



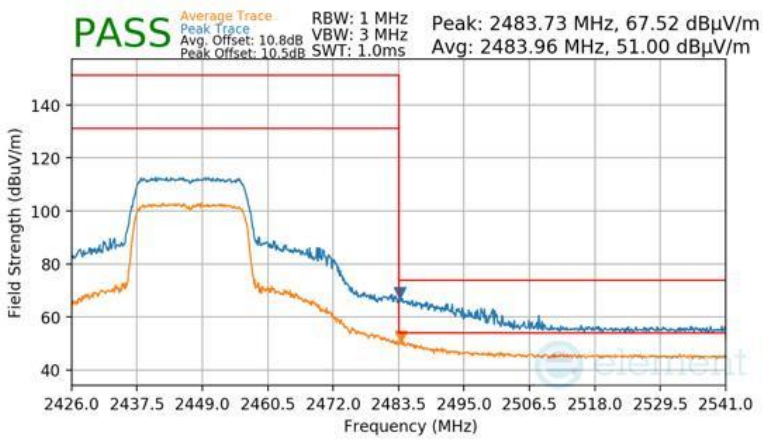
Plot 7-250 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



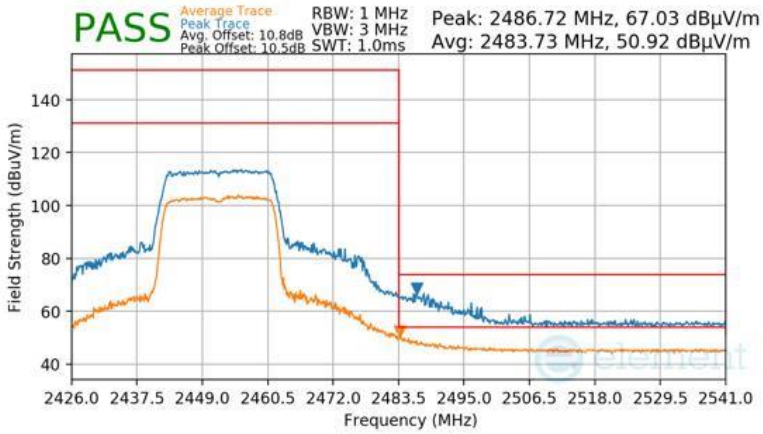
Plot 7-251 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



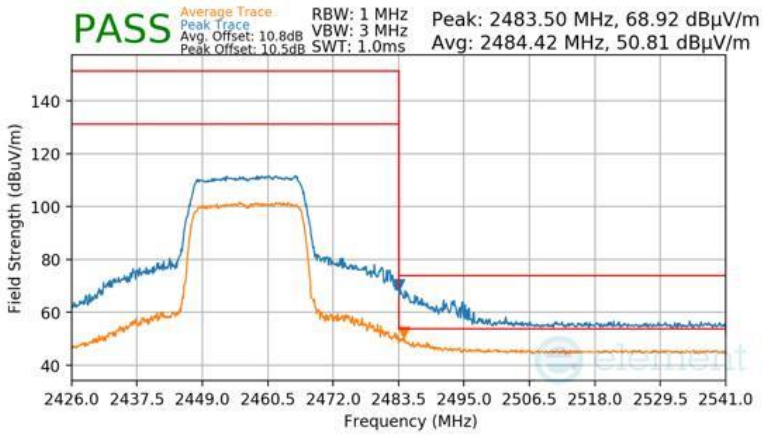
Plot 7-252 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



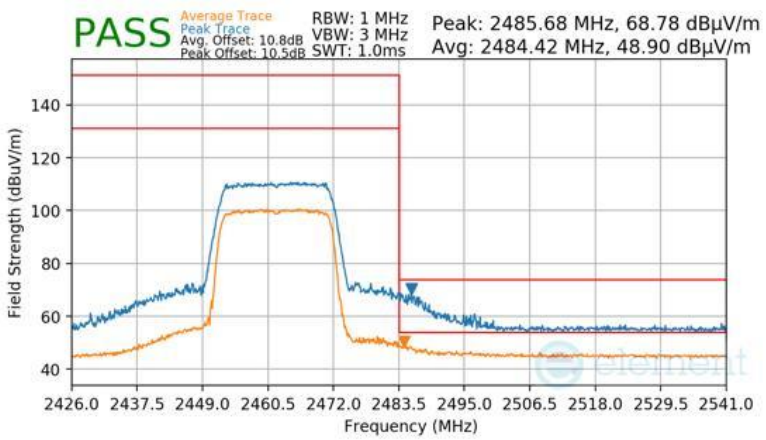
Plot 7-253 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



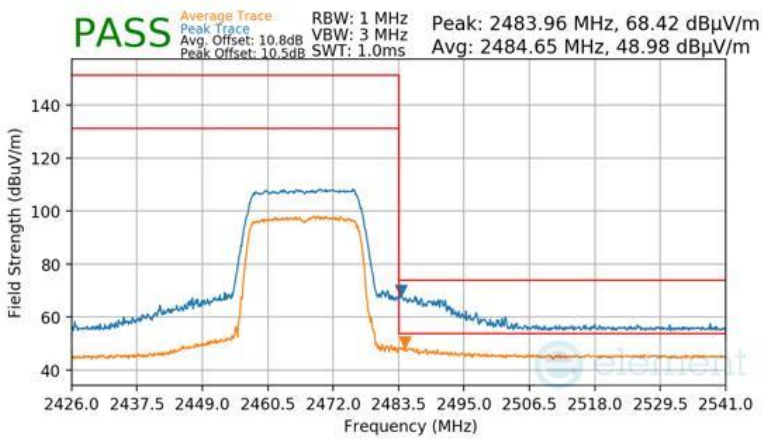
Plot 7-254 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

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



Plot 7-255 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242

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



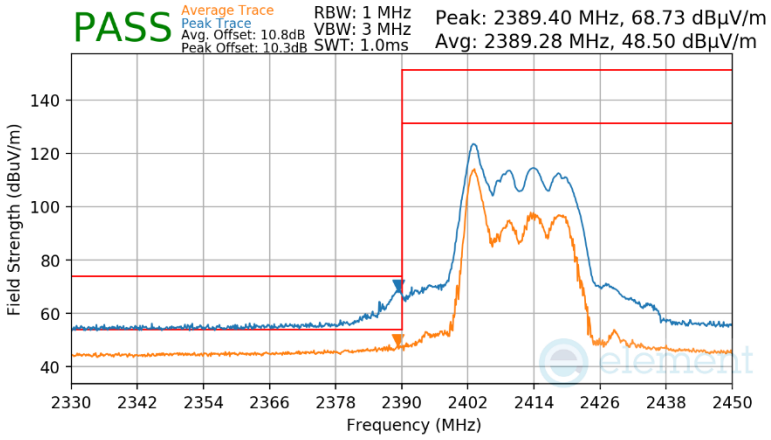
Plot 7-256 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT ANTENNA WF9 (PEAK & AVERAGE – RU242)

7.7.9 CDD Primary Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

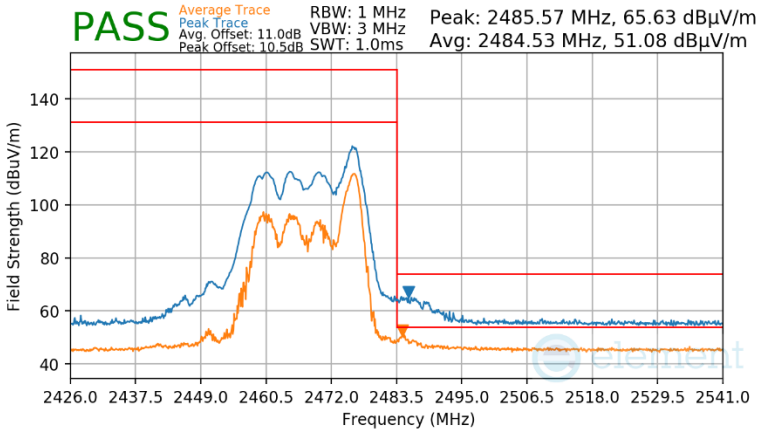
RU26

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



Plot 7-257 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU26)

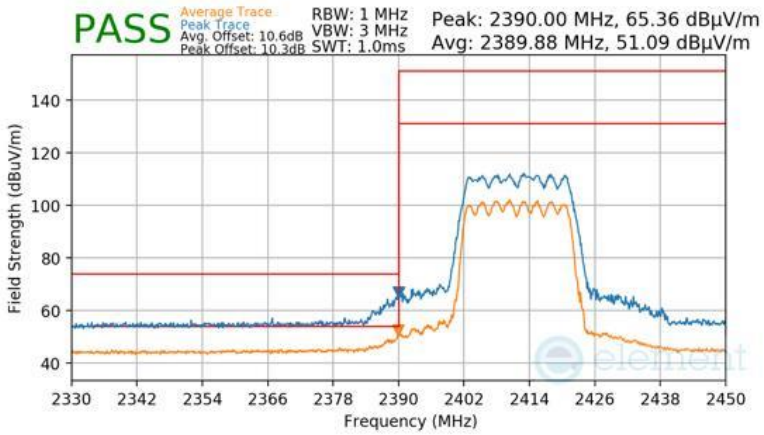
Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-258 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU26)

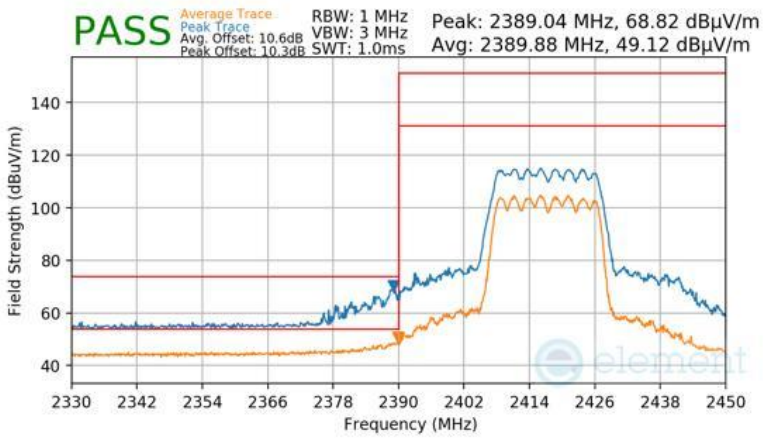
RU242

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



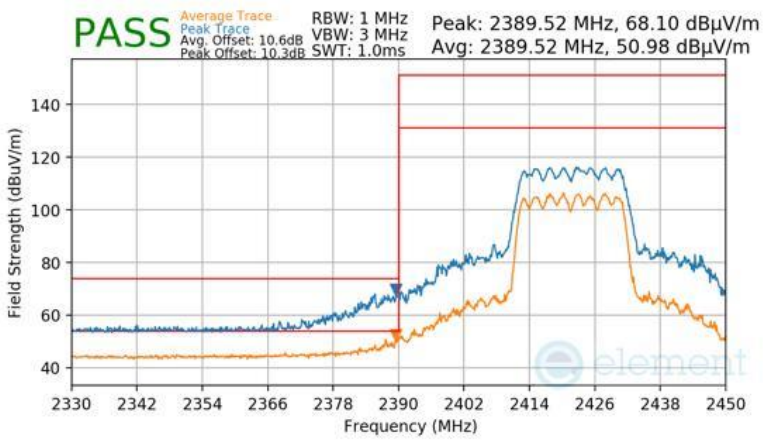
Plot 7-259 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



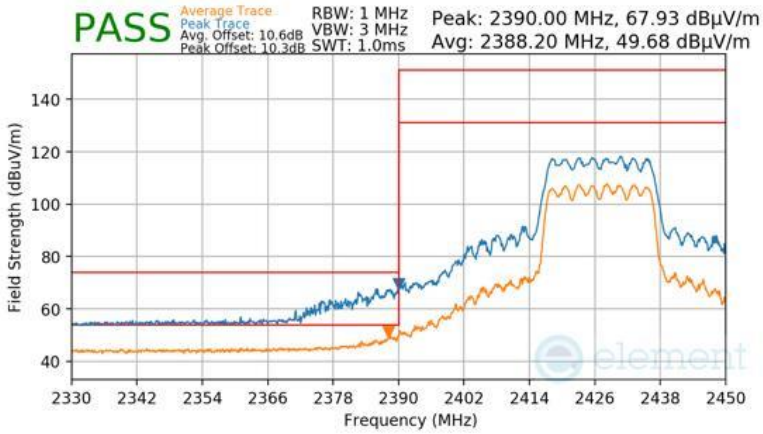
Plot 7-260 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



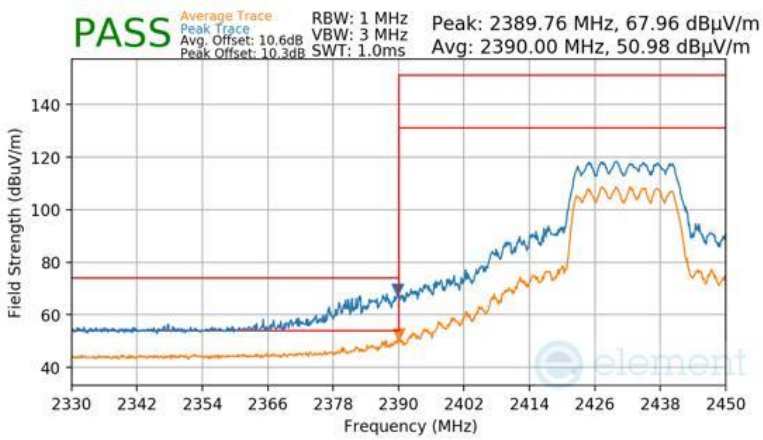
Plot 7-261 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



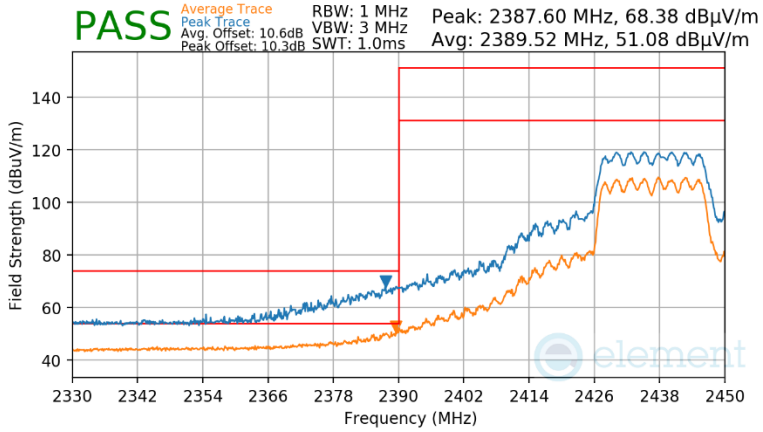
Plot 7-262 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



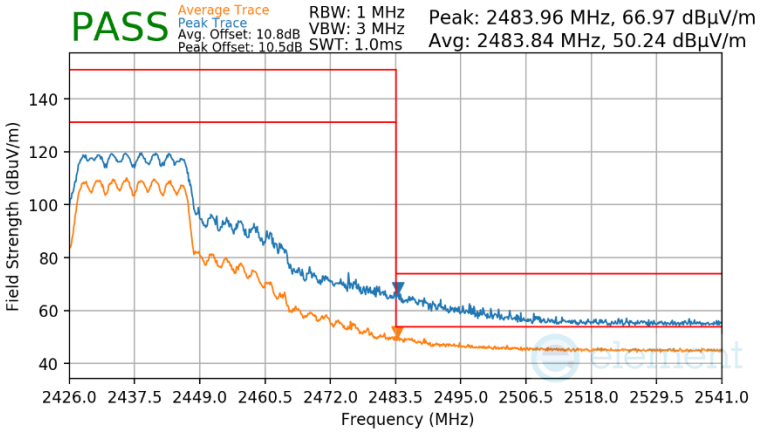
Plot 7-263 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



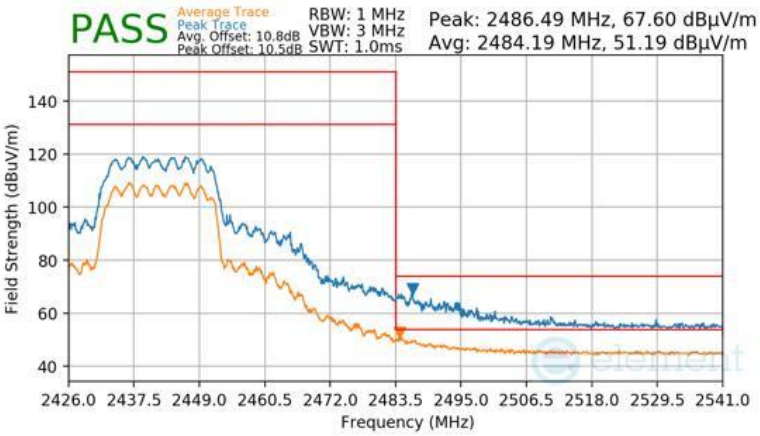
Plot 7-264 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



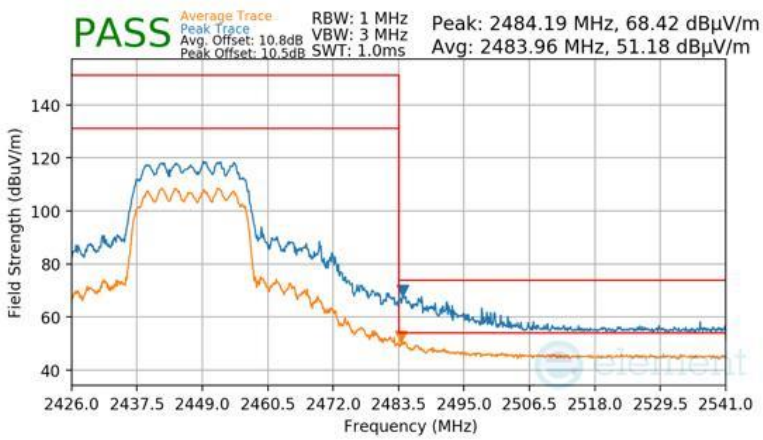
Plot 7-265 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



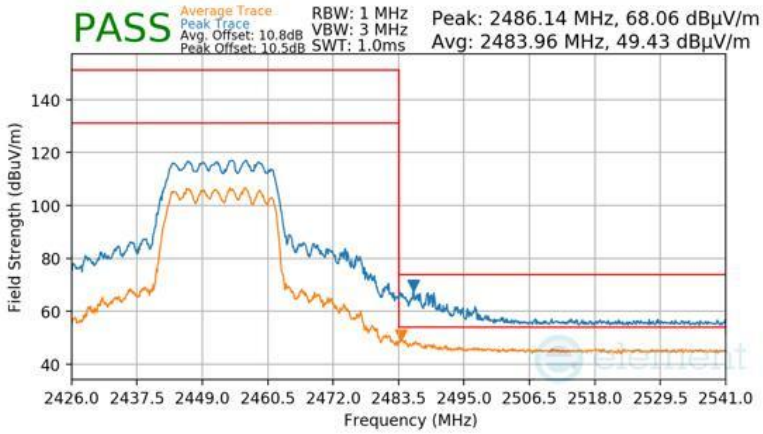
Plot 7-266 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



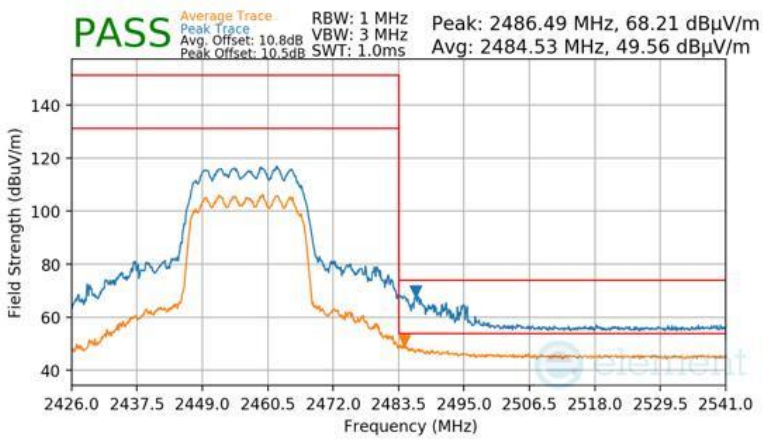
Plot 7-267 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



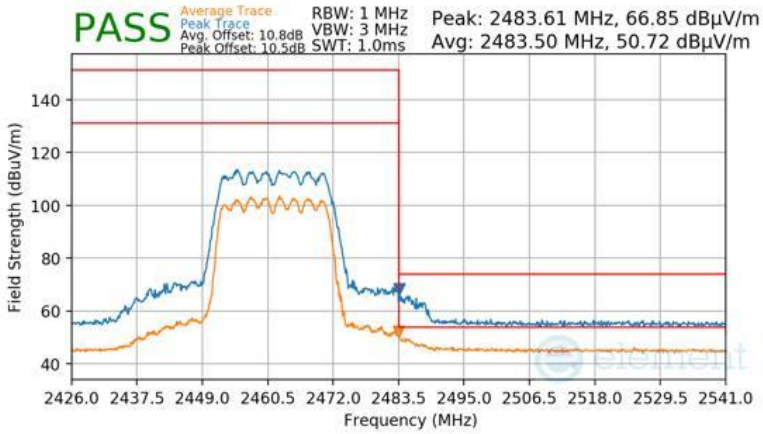
Plot 7-268 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



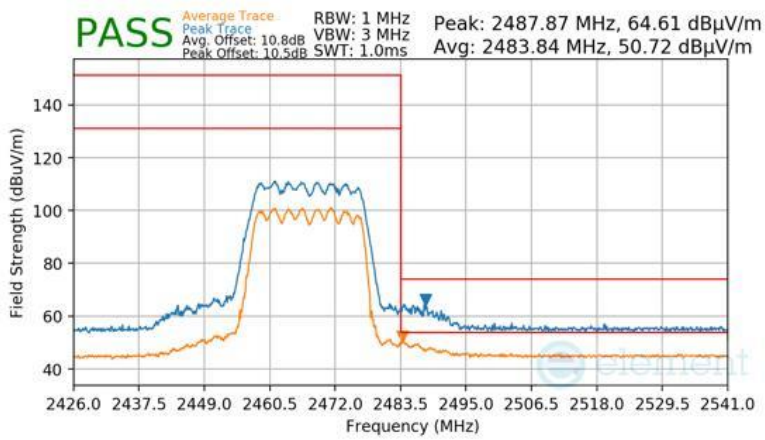
Plot 7-269 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



Plot 7-270 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

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



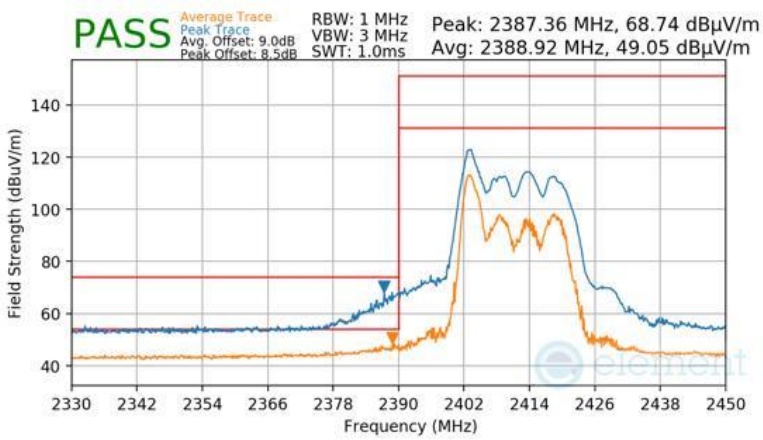
Plot 7-271 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD PRIMARY (PEAK & AVERAGE – RU242)

7.7.10 CDD Diversity Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

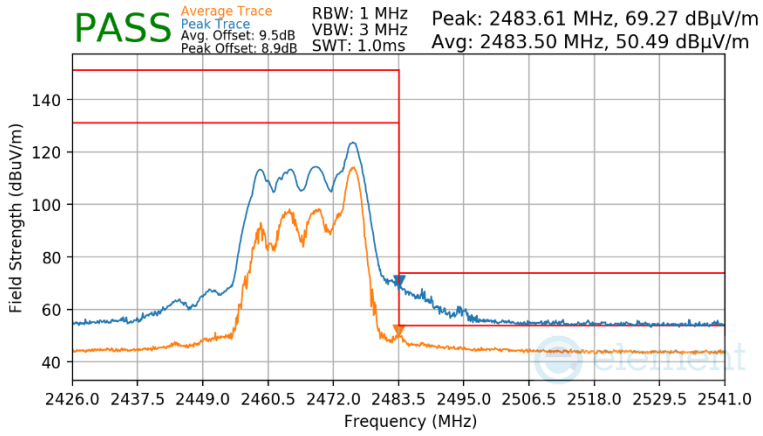
RU26

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



Plot 7-272 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU26)

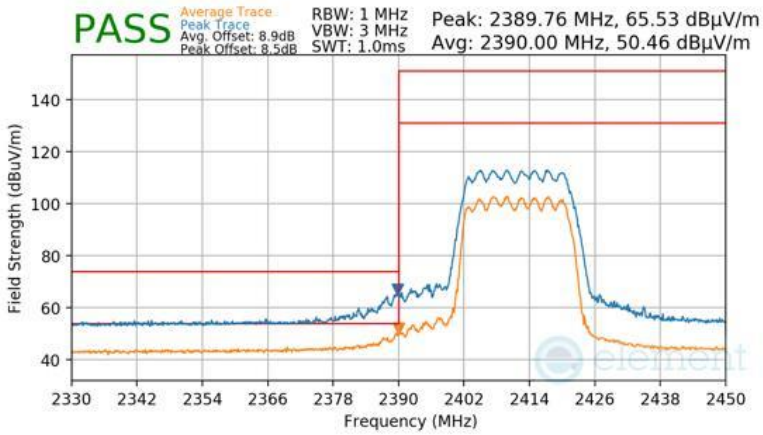
Mode:	802.11ax OFDMA
Transfer Rate:	MCS9
RU Index:	8
Distance of Measurements:	3 Meters
Operating Frequency:	2467MHz
Channel:	12



Plot 7-273 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU26)

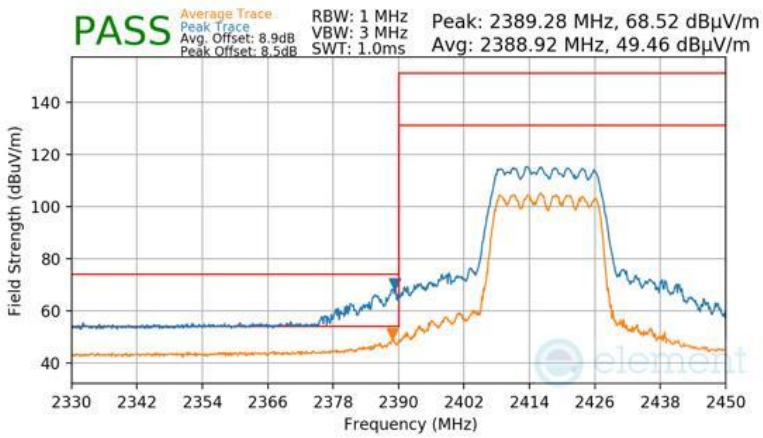
RU242

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



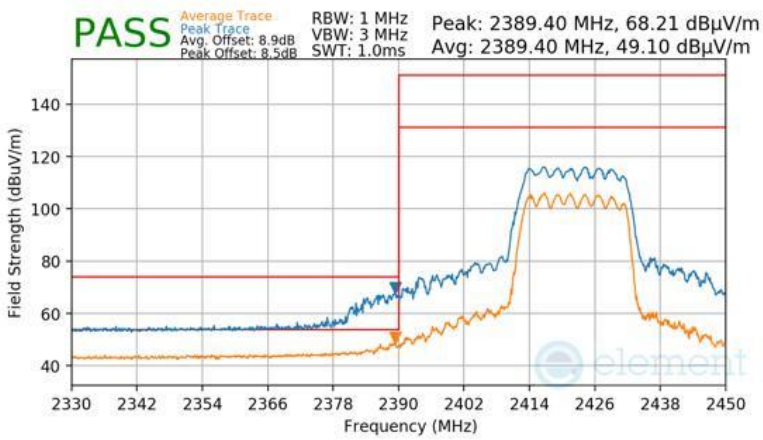
Plot 7-274 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



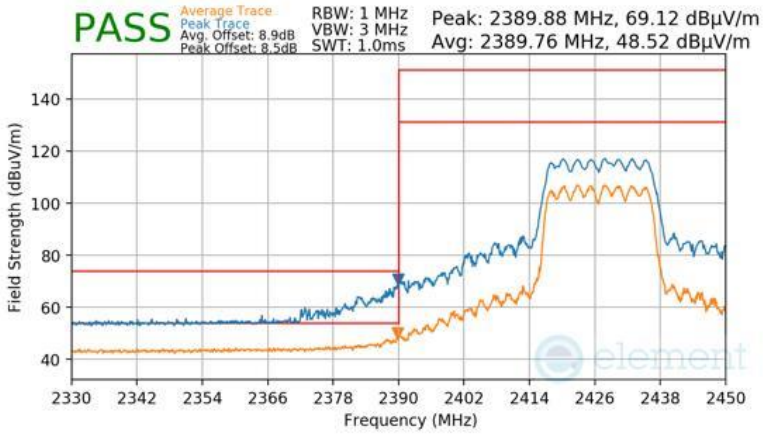
Plot 7-275 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



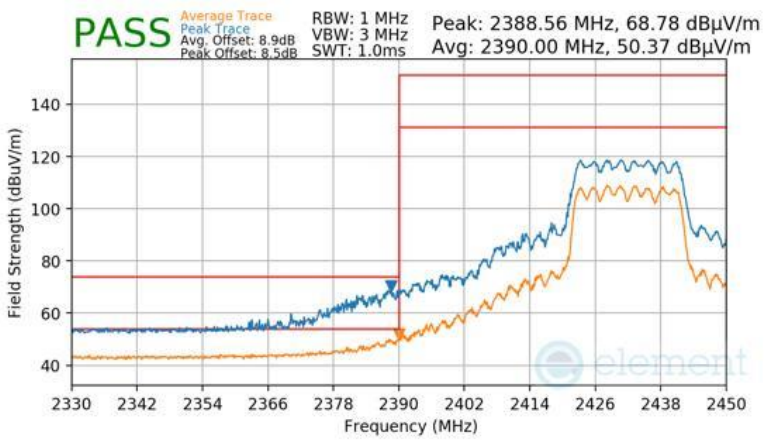
Plot 7-276 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



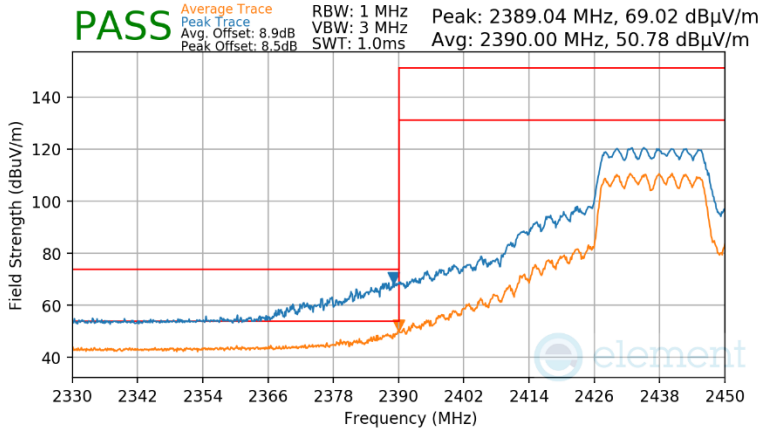
Plot 7-277 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



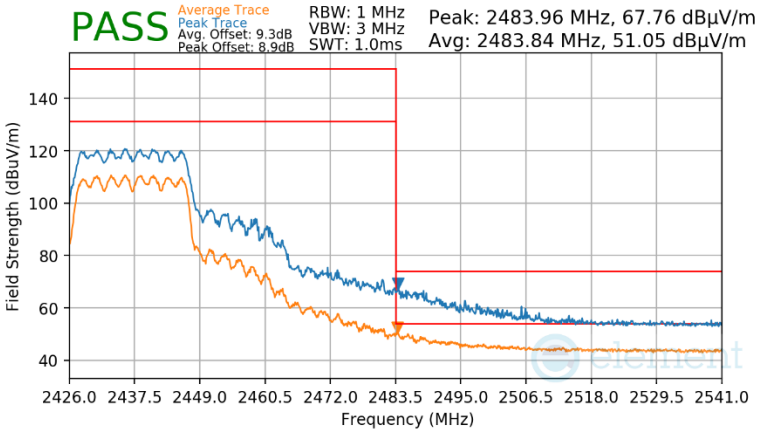
Plot 7-278 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



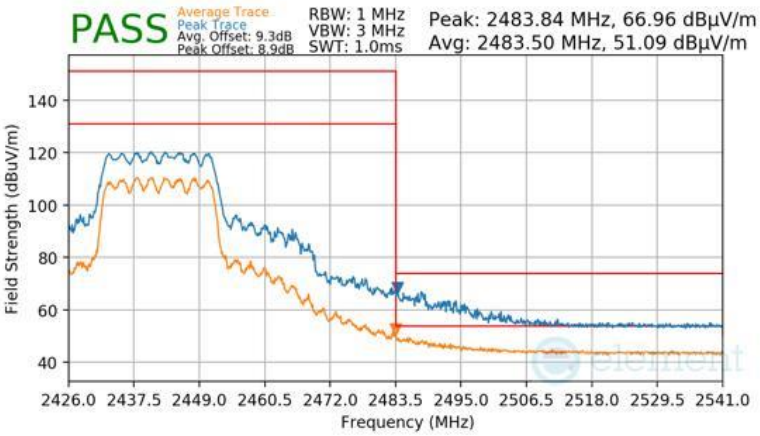
Plot 7-279 RADIATED RESTRICTED LOWER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



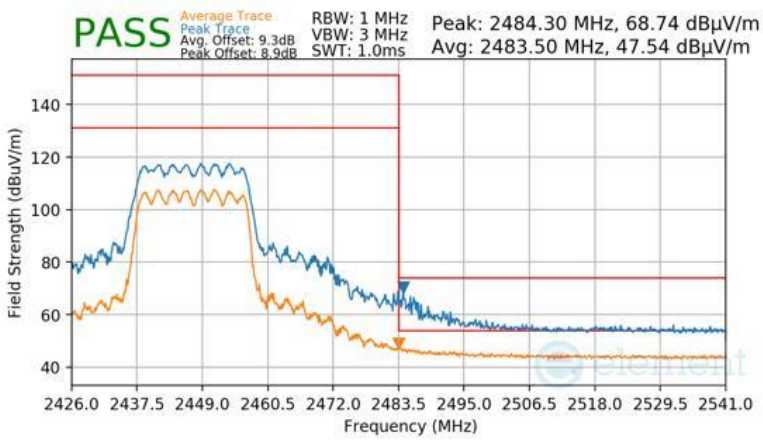
Plot 7-280 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



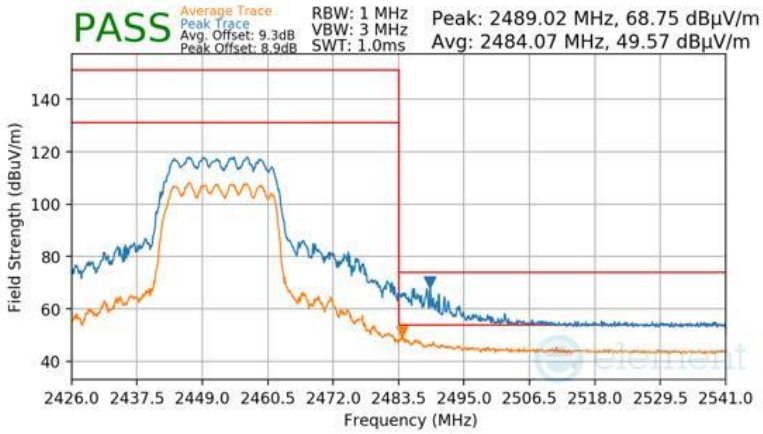
Plot 7-281 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



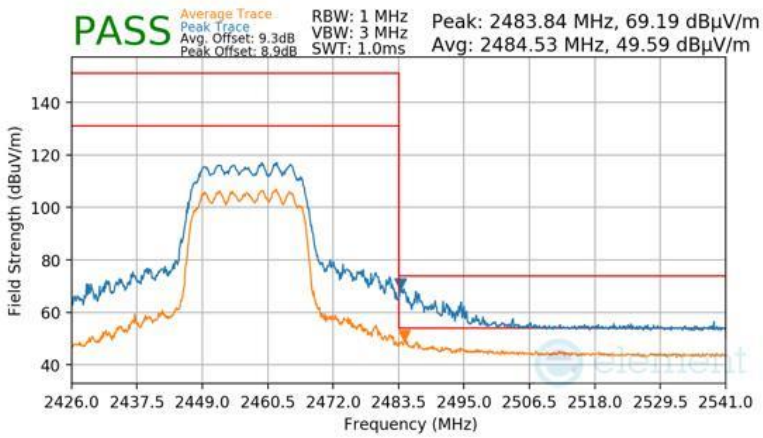
Plot 7-282 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



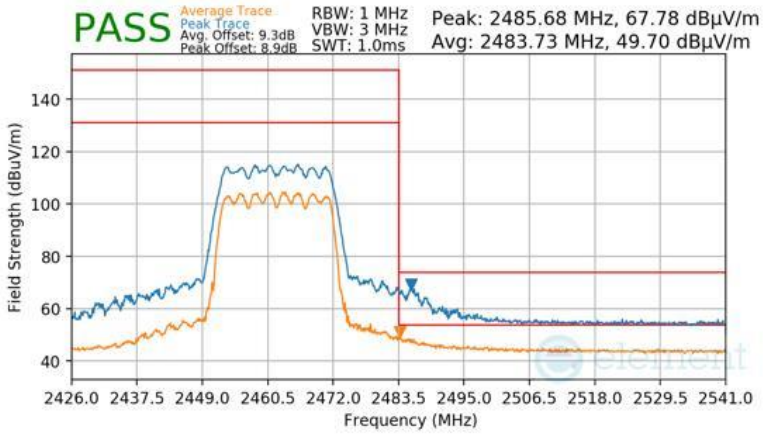
Plot 7-283 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



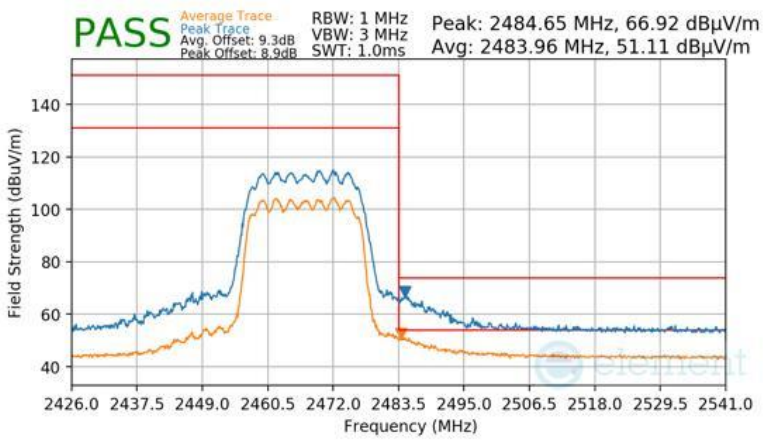
Plot 7-284 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



Plot 7-285 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

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



Plot 7-286 RADIATED RESTRICTED UPPER BAND EDGE MEASUREMENT CDD DIVERSITY (PEAK & AVERAGE – RU242)

7.8 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 7-61 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 7-61. 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 = 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.

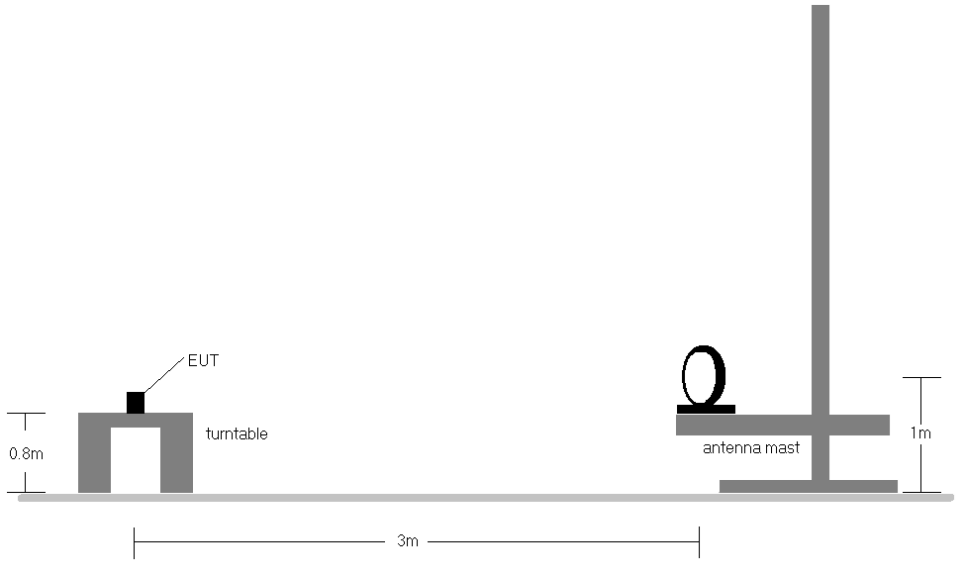


Figure 7-7. Radiated Test Setup < 30MHz

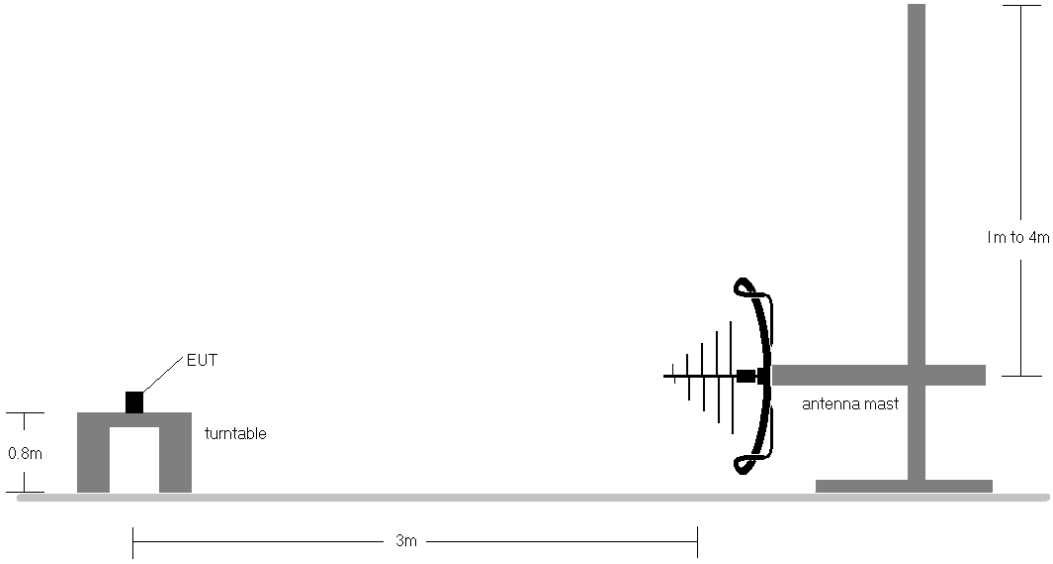


Figure 7-8. Radiated Test Setup < 1GHz

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 7-61.
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 for emissions 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. All antenna configurations and data rates were investigated and only the worst case are reported.
10. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.
11. 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

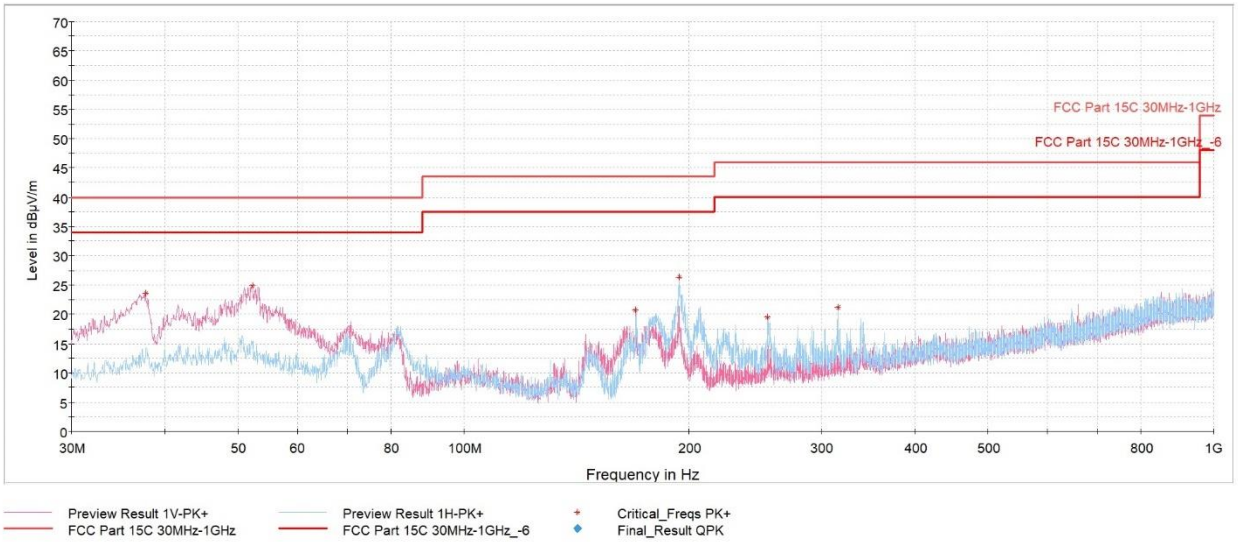
Sample Calculations

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

CDD Primary Radiated Spurious Emissions Measurements (Below 1GHz)

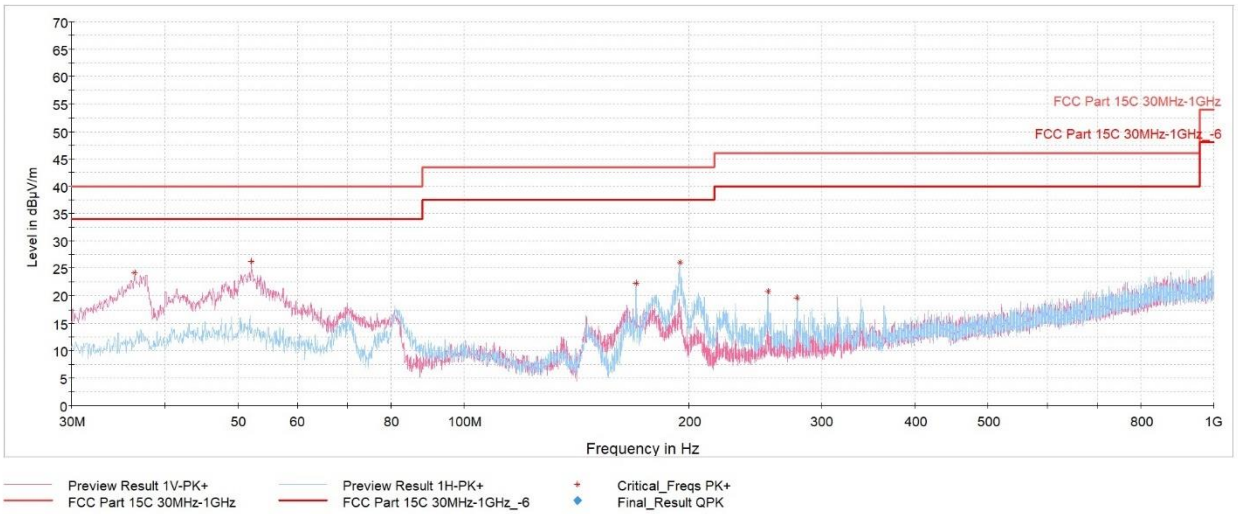
§15.209; RSS-Gen [8.9]



Plot 7-287. Radiated Spurious Emissions below 1GHz CDD Primary Ch.6 (RU26), 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]
37.66	MaxPeak	V	100	260	-68.28	-15.08	23.64	40.00	-16.36
52.26	MaxPeak	V	100	310	-68.92	-13.19	24.89	40.00	-15.11
169.49	MaxPeak	V	100	29	-67.12	-19.19	20.69	43.52	-22.83
194.08	MaxPeak	H	100	144	-63.75	-16.92	26.33	43.52	-17.19
254.36	MaxPeak	H	100	170	-72.36	-15.16	19.48	46.02	-26.54
315.33	MaxPeak	H	100	130	-71.87	-14.00	21.13	46.02	-24.89

Table 7-62. Radiated Spurious Emissions below 1GHz CDD Primary Ch.6 (RU26), with AC/DC Adapter



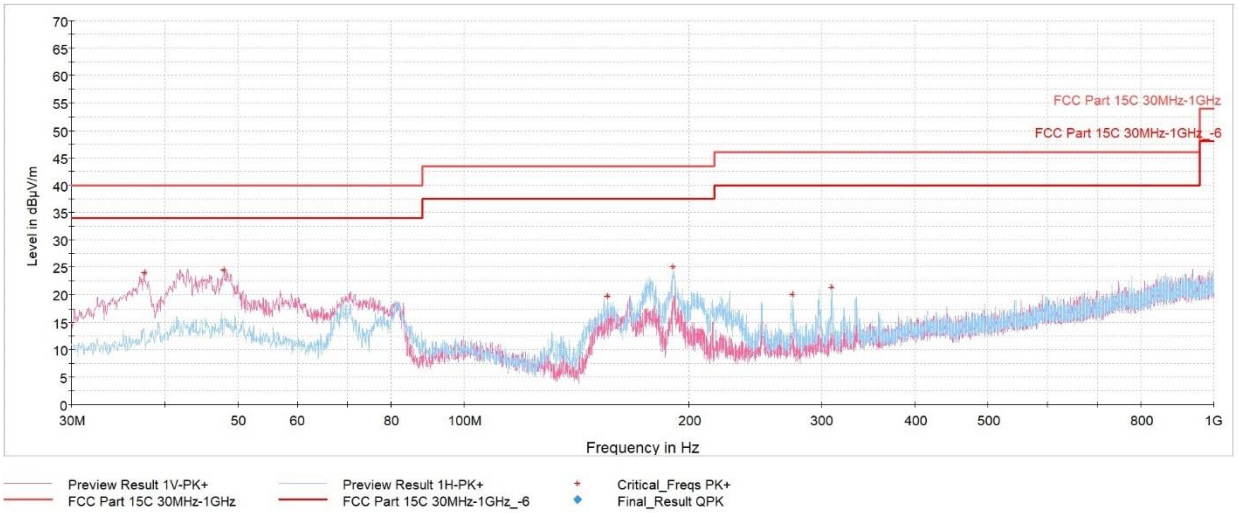
Plot 7-288. Radiated Spurious Emissions below 1GHz CDD Primary Ch.6 (RU242), with AC/DC Adapter

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]
36.45	MaxPeak	V	100	27	-67.42	-15.37	24.21	40.00	-15.79
52.16	MaxPeak	V	100	356	-67.60	-13.17	26.23	40.00	-13.77
169.63	MaxPeak	H	200	234	-65.59	-19.19	22.22	43.52	-21.30
194.22	MaxPeak	H	100	175	-64.11	-16.88	26.01	43.52	-17.51
254.51	MaxPeak	H	100	180	-71.00	-15.15	20.85	46.02	-25.17
278.71	MaxPeak	H	100	13	-72.28	-15.05	19.67	46.02	-26.35

Table 7-63. Radiated Spurious Emissions below 1GHz CDD Primary Ch.6 (RU242), with AC/DC Adapter

CDD Diversity Radiated Spurious Emissions Measurements (Below 1GHz)

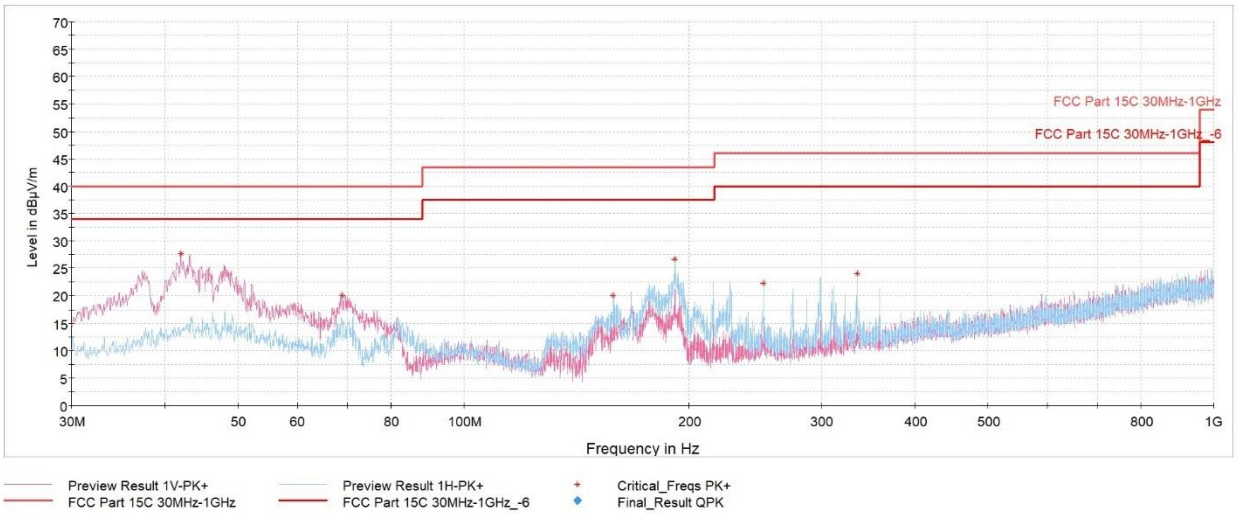
§15.209; RSS-Gen [8.9]



Plot 7-289. Radiated Spurious Emissions below 1GHz CDD Diversity Ch.6 (RU26), 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]
37.52	MaxPeak	V	100	284	-67.84	-15.11	24.05	40.00	-15.95
47.90	MaxPeak	V	200	223	-69.24	-13.37	24.39	40.00	-15.61
155.57	MaxPeak	H	200	7	-67.39	-19.88	19.73	43.52	-23.79
190.10	MaxPeak	H	200	38	-64.53	-17.45	25.02	43.52	-18.50
274.15	MaxPeak	H	100	156	-71.71	-15.17	20.12	46.02	-25.90
309.70	MaxPeak	H	100	0	-71.40	-14.29	21.31	46.02	-24.71

Table 7-64. Radiated Spurious Emissions below 1GHz CDD Diversity Ch.6 (RU26), with AC/DC Adapter



Plot 7-290. Radiated Spurious Emissions below 1GHz CDD Diversity Ch.6 (RU242), 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]
41.98	MaxPeak	V	100	61	-65.83	-13.56	27.61	40.00	-12.39
68.80	MaxPeak	V	200	0	-68.53	-18.37	20.10	40.00	-19.90
158.33	MaxPeak	H	200	22	-67.31	-19.57	20.12	43.52	-23.40
191.26	MaxPeak	H	200	224	-62.94	-17.37	26.69	43.52	-16.83
251.06	MaxPeak	H	100	358	-69.36	-15.43	22.21	46.02	-23.81
334.77	MaxPeak	H	100	0	-69.86	-13.11	24.03	46.02	-21.99

Table 7-65. Radiated Spurious Emissions below 1GHz CDD Ch.6 (RU242), with AC/DC Adapter

7.9 AC Line-Conducted Emissions Measurement

§15.207; RSS-Gen [8.8]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for 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 7-66. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, Subclause 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.

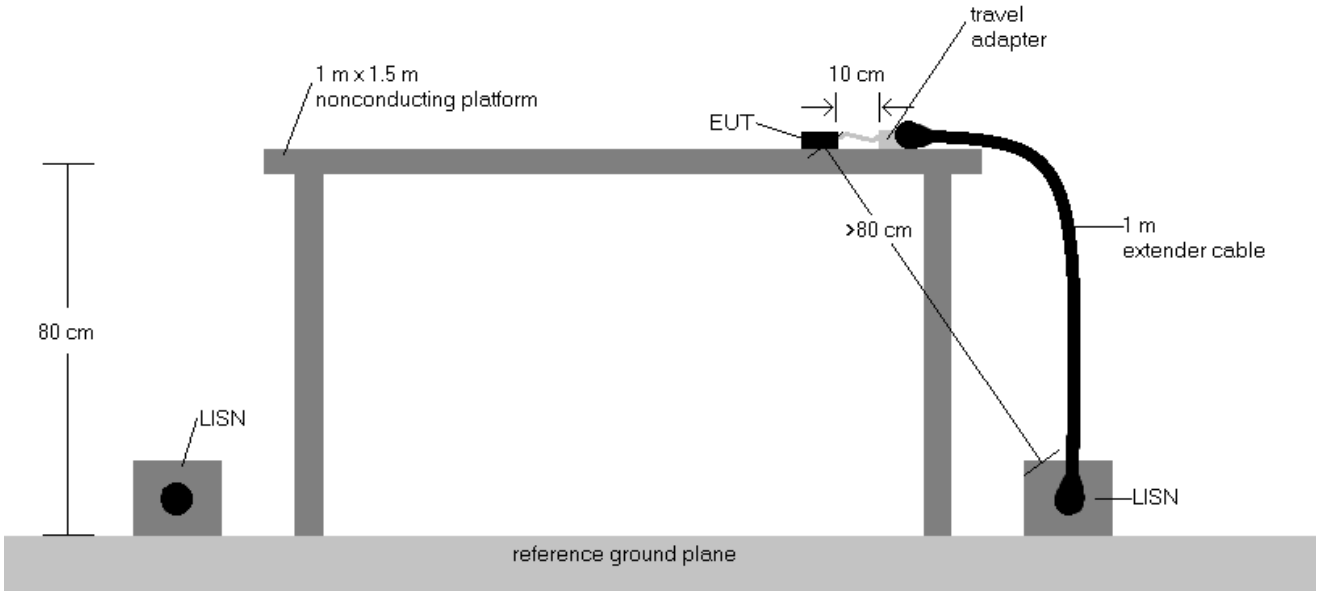
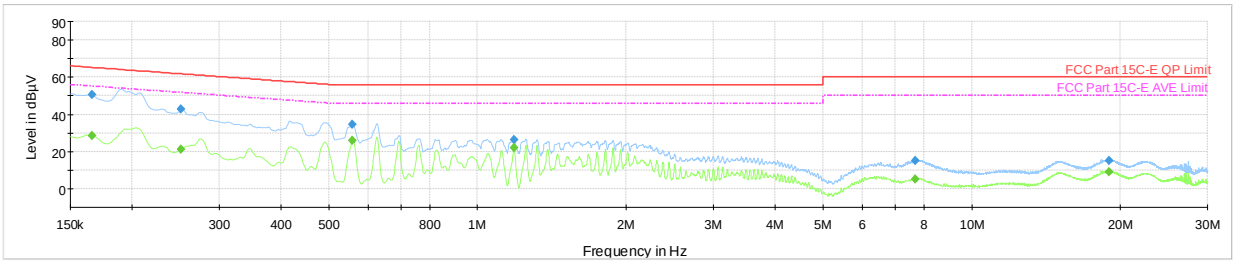


Figure 7-9. Test Instrument & Measurement Setup

Test Notes

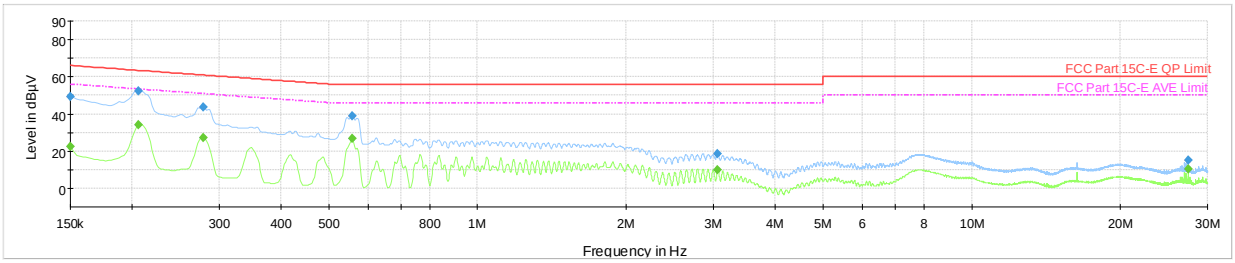
1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
   a. EUT powered by AC/DC adaptor via USB-C 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 Part 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 Factore (dB)
6. Margin (dB) = QP/AV Level (dBμV) - QP/AV Limit (dBμV)
7. Traces shown in plot are made using quasi peak and average detectors.
8. Deviations to the Specifications: None.
9. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's are reported.



Plot 7-291. AC Line Conducted Emissions with 802.11ax (RU26) Ch.6 CDD Primary (L1, with Laptop)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	—	28.57	55.17	-26.60	L1	GND
0.166	FINAL	50.7	—	65.17	-14.48	L1	GND
0.251	FINAL	—	21.31	51.72	-30.41	L1	GND
0.251	FINAL	42.6	—	61.72	-19.10	L1	GND
0.557	FINAL	—	26.14	46.00	-19.86	L1	GND
0.557	FINAL	34.5	—	56.00	-21.53	L1	GND
1.185	FINAL	26.5	—	56.00	-29.49	L1	GND
1.185	FINAL	—	21.94	46.00	-24.06	L1	GND
7.694	FINAL	15.1	—	60.00	-44.89	L1	GND
7.694	FINAL	—	5.28	50.00	-44.72	L1	GND
18.956	FINAL	—	9.08	50.00	-40.92	L1	GND
18.956	FINAL	15.1	—	60.00	-44.95	L1	GND

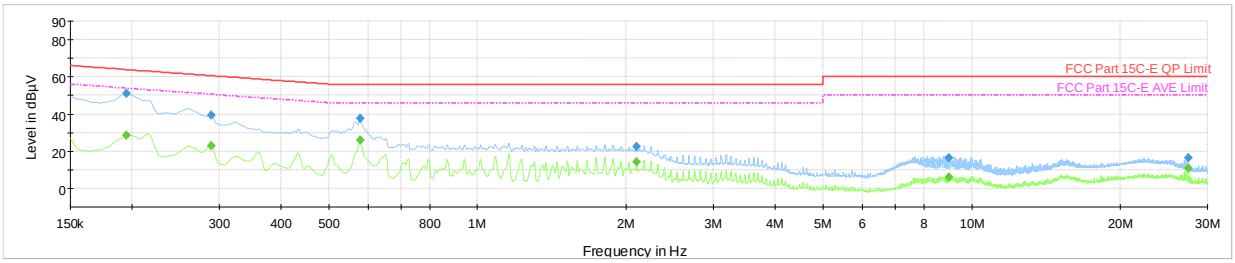
Table 7-67. AC Line Conducted Data with 802.11ax (RU26) Ch.6 CDD Primary (L1, with Laptop)



Plot 7-292. AC Line Conducted Emissions with 802.11ax (RU26) Ch.6 CDD Primary (N, with Laptop)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.150	FINAL	—	22.49	56.00	-33.51	N	GND
0.150	FINAL	49.2	—	66.00	-16.83	N	GND
0.206	FINAL	—	34.18	53.36	-19.18	N	GND
0.206	FINAL	52.4	—	63.36	-10.94	N	GND
0.278	FINAL	—	27.36	50.87	-23.51	N	GND
0.278	FINAL	43.6	—	60.87	-17.29	N	GND
0.557	FINAL	38.9	—	56.00	-17.09	N	GND
0.557	FINAL	—	26.72	46.00	-19.28	N	GND
3.062	FINAL	18.6	—	56.00	-37.39	N	GND
3.062	FINAL	—	9.70	46.00	-36.30	N	GND
27.391	FINAL	—	10.31	50.00	-39.69	N	GND
27.391	FINAL	15.1	—	60.00	-44.87	N	GND

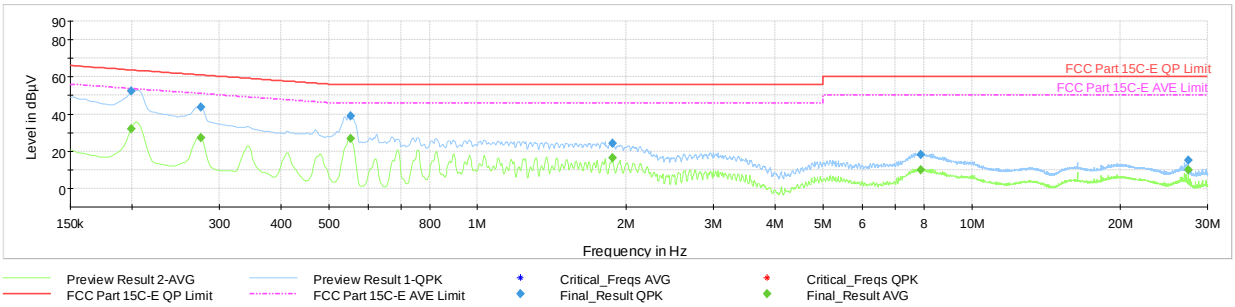
Table 7-68. AC Line Conducted Data with 802.11ax (RU26) Ch.6 CDD Primary (N, with Laptop)



Plot 7-293. AC Line Conducted Emissions with 802.11ax (RU242) Ch.6 CDD Primary (L1, with Laptop)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Averaqe [dBµV]	Limit [dBµV]	Marqin [dB]	Line	PE
0.195	FINAL	—	28.44	53.82	-25.38	L1	GND
0.195	FINAL	50.8	—	63.82	-12.99	L1	GND
0.290	FINAL	—	23.06	50.54	-27.47	L1	GND
0.290	FINAL	39.5	—	60.54	-21.01	L1	GND
0.580	FINAL	—	26.09	46.00	-19.91	L1	GND
0.580	FINAL	37.5	—	56.00	-18.47	L1	GND
2.099	FINAL	22.5	—	56.00	-33.47	L1	GND
2.099	FINAL	—	14.38	46.00	-31.62	L1	GND
8.993	FINAL	16.5	—	60.00	-43.47	L1	GND
8.993	FINAL	—	5.94	50.00	-44.06	L1	GND
27.391	FINAL	—	10.96	50.00	-39.04	L1	GND
27.391	FINAL	16.2	—	60.00	-43.78	L1	GND

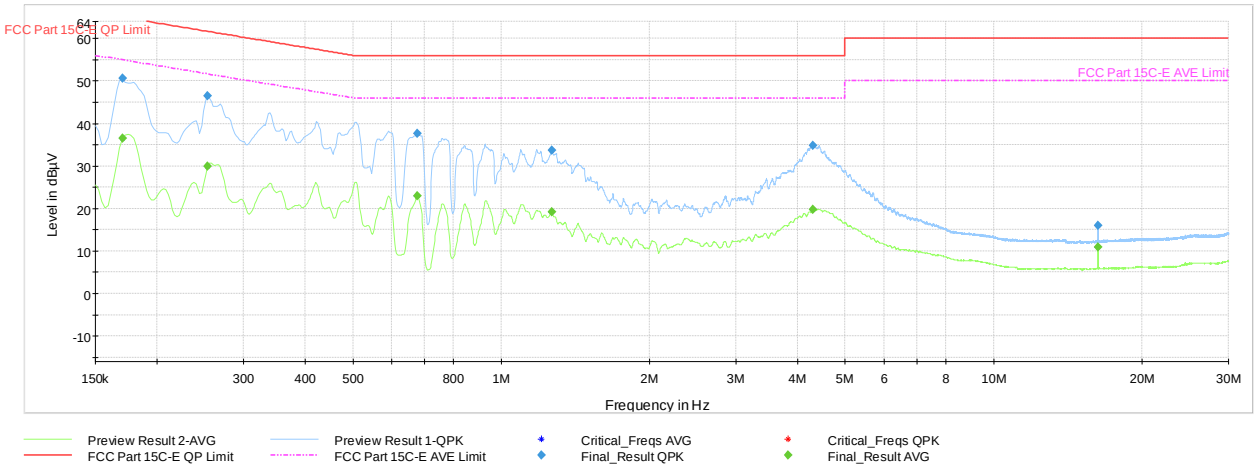
Table 7-69. AC Line Conducted Data with 802.11ax (RU242) Ch.6 CDD Primary (L1, with Laptop)



Plot 7-294. AC Line Conducted Emissions with 802.11ax (RU242) Ch.6 CDD Primary (N, with Laptop)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.200	FINAL	—	32.17	53.63	-21.46	N	GND
0.200	FINAL	52.4	—	63.63	-11.27	N	GND
0.276	FINAL	—	27.21	50.94	-23.72	N	GND
0.276	FINAL	43.6	—	60.94	-17.30	N	GND
0.553	FINAL	—	26.60	46.00	-19.40	N	GND
0.553	FINAL	38.9	—	56.00	-17.12	N	GND
1.878	FINAL	24.4	—	56.00	-31.64	N	GND
1.878	FINAL	—	16.25	46.00	-29.75	N	GND
7.897	FINAL	18.0	—	60.00	-42.05	N	GND
7.897	FINAL	—	10.05	50.00	-39.95	N	GND
27.389	FINAL	—	9.89	50.00	-40.11	N	GND
27.389	FINAL	15.2	—	60.00	-44.78	N	GND

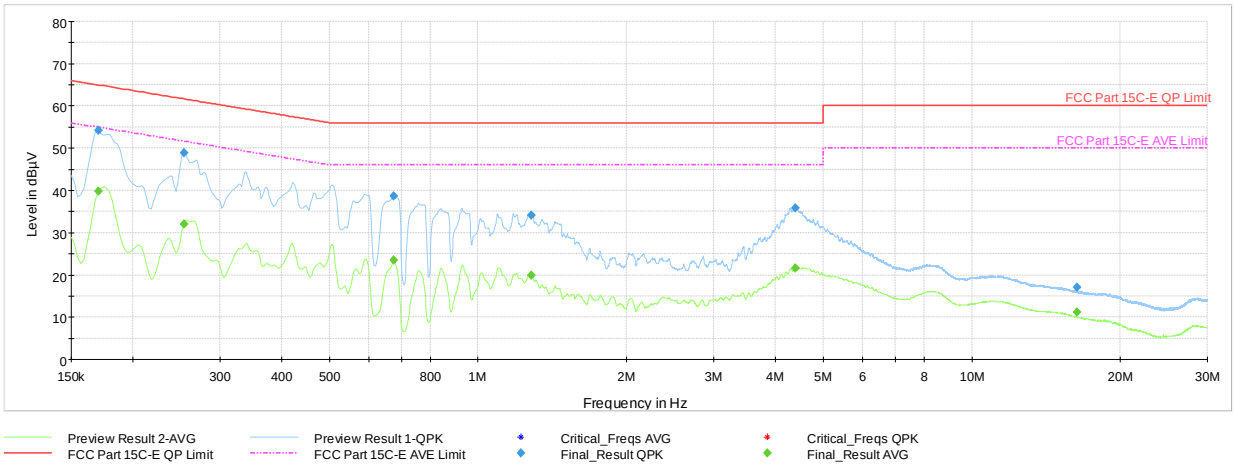
Table 7-70. AC Line Conducted Data with 802.11ax (RU242) Ch.6 CDD Primary (N, with Laptop)



Plot 7-295. AC Line Conducted Emissions with 802.11ax (RU26) Ch.6 CDD Diversity (L1, with Laptop)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.170	FINAL	—	36.46	54.95	-18.49	L1	GND
0.170	FINAL	50.5	—	64.95	-14.40	L1	GND
0.254	FINAL	—	29.86	51.64	-21.78	L1	GND
0.254	FINAL	46.5	—	61.64	-15.14	L1	GND
0.677	FINAL	—	22.96	46.00	-23.04	L1	GND
0.677	FINAL	37.6	—	56.00	-18.38	L1	GND
1.266	FINAL	33.6	—	56.00	-22.39	L1	GND
1.266	FINAL	—	19.15	46.00	-26.85	L1	GND
4.299	FINAL	34.9	—	56.00	-21.09	L1	GND
4.299	FINAL	—	19.79	46.00	-26.21	L1	GND
16.312	FINAL	—	10.90	50.00	-39.10	L1	GND
16.312	FINAL	16.1	—	60.00	-43.93	L1	GND

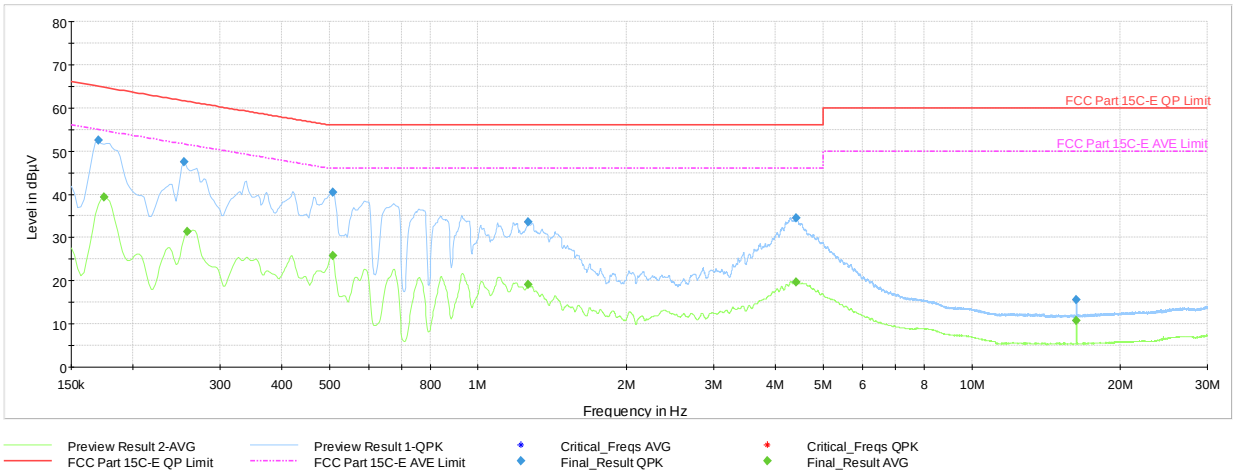
Table 7-71. AC Line Conducted Data with 802.11ax (RU26) Ch.6 CDD Diversity (L1, with Laptop)



Plot 7-296. AC Line Conducted Emissions with 802.11ax (RU26) Ch.6 CDD Diversity (N, with Laptop)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.170	FINAL	—	39.86	54.95	-15.09	N	GND
0.170	FINAL	54.2	—	64.95	-10.76	N	GND
0.254	FINAL	—	32.10	51.64	-19.54	N	GND
0.254	FINAL	49.0	—	61.64	-12.68	N	GND
0.674	FINAL	—	23.47	46.00	-22.53	N	GND
0.674	FINAL	38.7	—	56.00	-17.31	N	GND
1.284	FINAL	34.2	—	56.00	-21.81	N	GND
1.284	FINAL	—	19.83	46.00	-26.17	N	GND
4.391	FINAL	35.8	—	56.00	-20.18	N	GND
4.391	FINAL	—	21.67	46.00	-24.33	N	GND
16.301	FINAL	—	11.20	50.00	-38.80	N	GND
16.301	FINAL	17.1	—	60.00	-42.92	N	GND

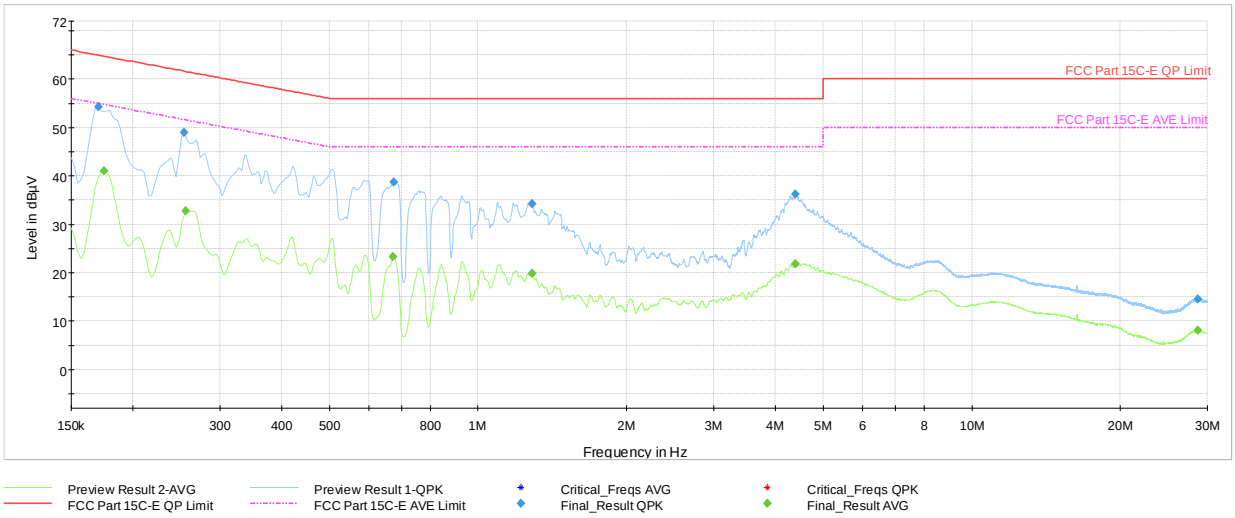
Table 7-72. AC Line Conducted Data with 802.11ax (RU26) Ch.6 CDD Diversity (N, with Laptop)



Plot 7-297. AC Line Conducted Emissions with 802.11ax (RU242) Ch.6 CDD Diversity (L1, with Laptop)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.170	FINAL	52.4	—	64.95	-12.51	L1	GND
0.175	FINAL	—	39.30	54.73	-15.43	L1	GND
0.254	FINAL	47.4	—	61.64	-14.20	L1	GND
0.258	FINAL	—	31.36	51.50	-20.13	L1	GND
0.508	FINAL	—	25.85	46.00	-20.15	L1	GND
0.508	FINAL	40.6	—	56.00	-15.45	L1	GND
1.264	FINAL	33.6	—	56.00	-22.45	L1	GND
1.264	FINAL	—	19.19	46.00	-26.81	L1	GND
4.400	FINAL	34.6	—	56.00	-21.40	L1	GND
4.400	FINAL	—	19.70	46.00	-26.30	L1	GND
16.298	FINAL	—	10.73	50.00	-39.27	L1	GND
16.298	FINAL	15.7	—	60.00	-44.35	L1	GND

Table 7-73. AC Line Conducted Data with 802.11ax (RU242) Ch.6 CDD Diversity (L1, with Laptop)



Plot 7-298. AC Line Conducted Emissions with 802.11ax (RU242) Ch.6 CDD Diversity (N, with Laptop)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.170	FINAL	54.3	—	64.95	-10.62	N	GND
0.175	FINAL	—	40.95	54.73	-13.78	N	GND
0.254	FINAL	49.0	—	61.64	-12.62	N	GND
0.256	FINAL	—	32.71	51.57	-18.85	N	GND
0.672	FINAL	—	23.26	46.00	-22.74	N	GND
0.674	FINAL	38.8	—	56.00	-17.24	N	GND
1.286	FINAL	34.3	—	56.00	-21.70	N	GND
1.286	FINAL	—	19.75	46.00	-26.25	N	GND
4.394	FINAL	—	21.76	46.00	-24.24	N	GND
4.396	FINAL	36.2	—	56.00	-19.79	N	GND
28.685	FINAL	—	8.03	50.00	-41.97	N	GND
28.685	FINAL	14.5	—	60.00	-45.52	N	GND

Table 7-74. AC Line Conducted Data with 802.11ax (RU242) Ch.6 CDD Diversity (N, with Laptop)

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2836, IC: 579C-A2836** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules and RSS-247 of the Innovation, Science and Economic Development Canada Rules.