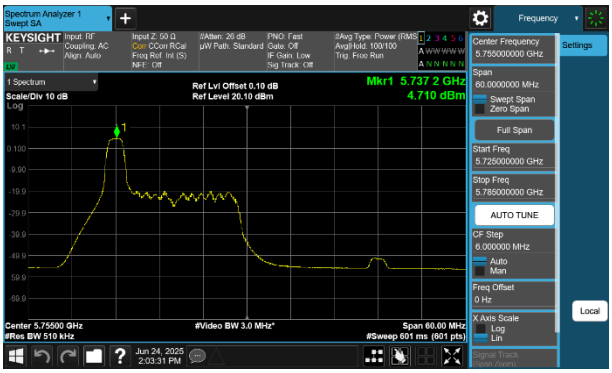
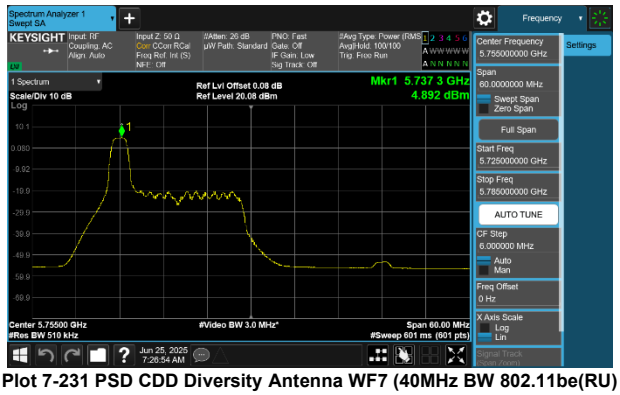
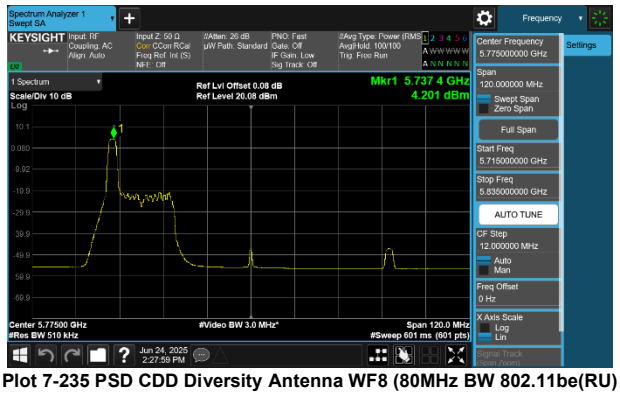
Plot 7-230 PSD CDD Diversity Antenna WF7 (20MHz BW 802.11be(RU) RU26 Index0 - Ch.157)



Plot 7-234 PSD CDD Diversity Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index0 - Ch.151)



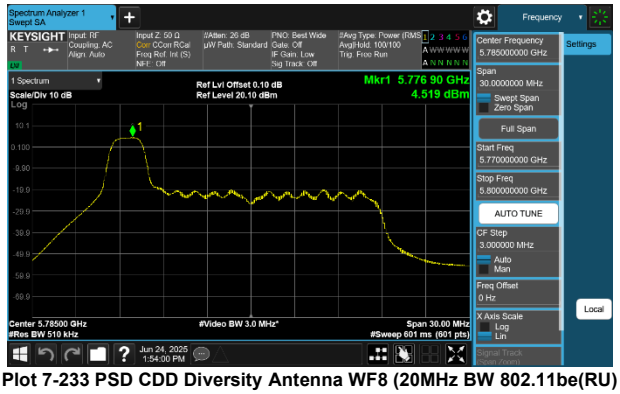
Plot 7-231 PSD CDD Diversity Antenna WF7 (40MHz BW 802.11be(RU) RU26 Index0 - Ch.151)



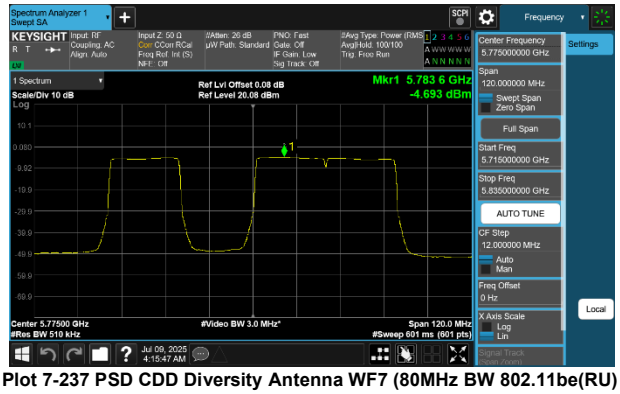
Plot 7-235 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index0 - Ch.155)

Plot 7-232 PSD CDD Diversity Antenna WF7 (80MHz BW 802.11be(RU) RU26 Index0 - Ch.155)

Plot 7-236 PSD CDD Diversity Antenna WF7 (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.157)



Plot 7-233 PSD CDD Diversity Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index0 - Ch.157)



Plot 7-237 PSD CDD Diversity Antenna WF7 (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.155)

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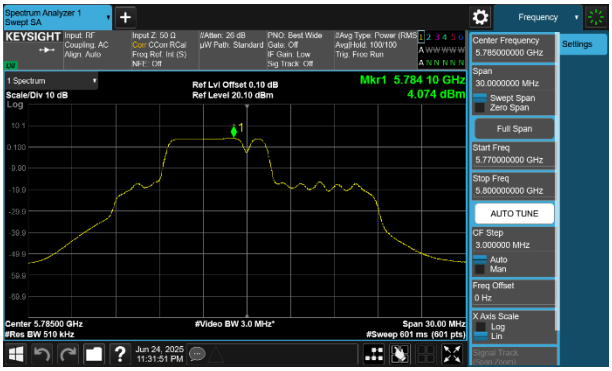
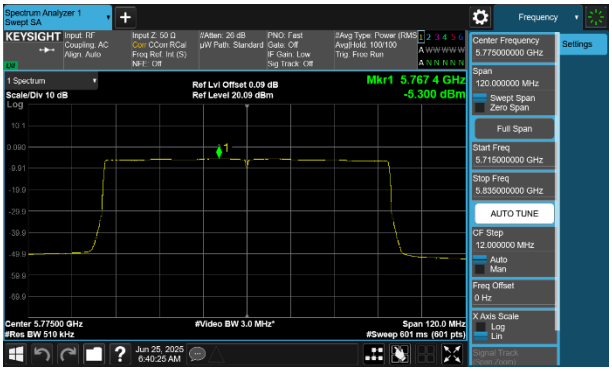
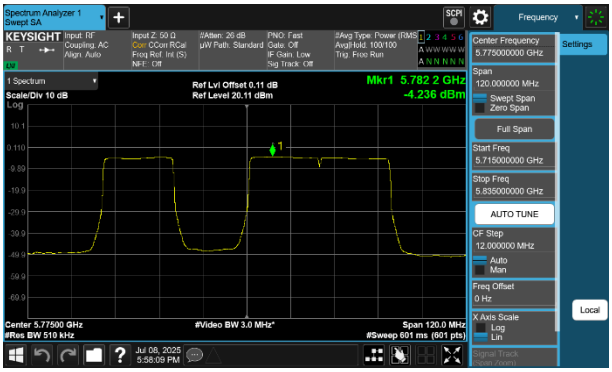


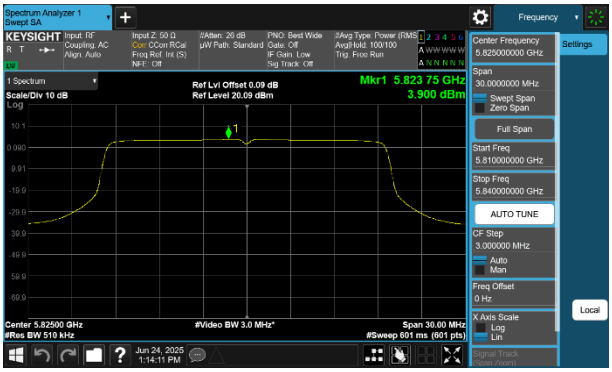
Plot 7-238 PSD CDD Diversity Antenna WF8 (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.157)



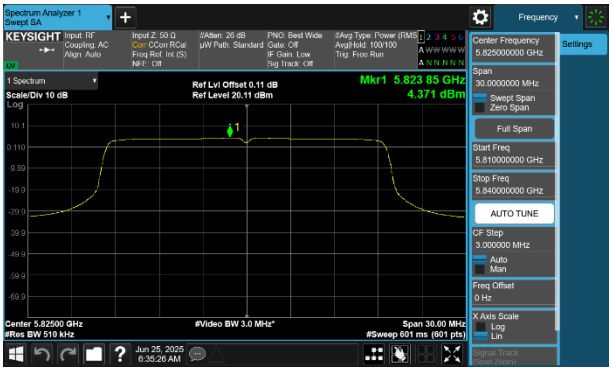
Plot 7-242 PSD CDD Diversity Antenna WF7 (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)



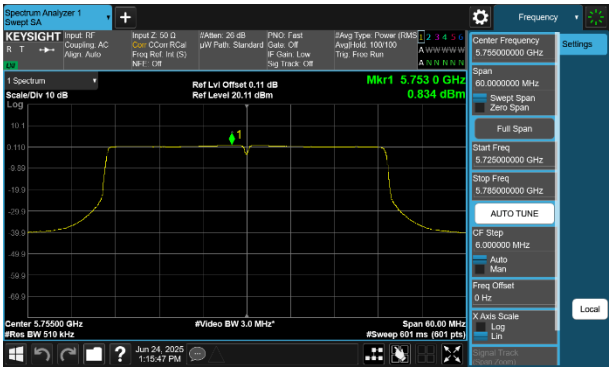
Plot 7-239 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.155)



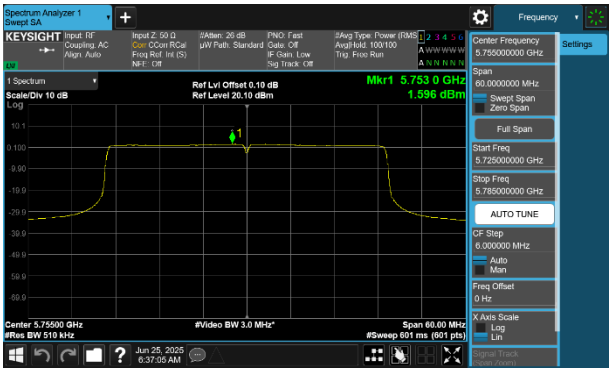
Plot 7-243 PSD CDD Diversity Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 - Ch.165)



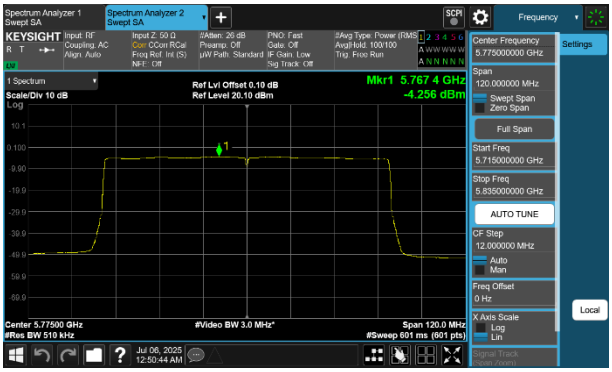
Plot 7-240 PSD CDD Diversity Antenna WF7 (20MHz BW 802.11be(RU) RU242 Index61 - Ch.165)



Plot 7-244 PSD CDD Diversity Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 - Ch.151)



Plot 7-241 PSD CDD Diversity Antenna WF7 (40MHz BW 802.11be(RU) RU484 Index65 - Ch.151)



Plot 7-245 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)

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	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	SDM	26	0	MCS5	3.44	3.84	6.65	-0.01	6.64	10.0	-3.36
	5200	40	be (20MHz)	SDM	26	8	MCS5	3.33	3.99	6.68	-0.01	6.68	10.0	-3.32
	5240	48	be (20MHz)	SDM	26	8	MCS5	3.30	3.42	6.37	-0.01	6.36	10.0	-3.64
	5190	38	be (40MHz)	SDM	26	17	MCS5	3.70	3.95	6.83	-0.01	6.83	10.0	-3.17
	5230	46	be (40MHz)	SDM	26	0	MCS5	3.49	3.84	6.68	-0.01	6.67	10.0	-3.33
	5210	42	be (80MHz)	SDM	26	36	MCS5	3.47	3.74	6.62	-0.01	6.61	10.0	-3.39
Band 1/2A	5250	50	be (160MHz)	SDM	52	52	MCS5	5.66	6.37	9.04	-0.01	9.03	10.0	-0.97

Table 7-182. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM Diversity (RU26)

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	SDM	52+26	71	MCS5	3.67	3.54	6.61	-0.01	6.61	10.0	-3.39
	5200	40	be (20MHz)	SDM	52+26	71	MCS5	3.45	3.57	6.52	-0.01	6.51	10.0	-3.49
	5240	48	be (20MHz)	SDM	52+26	72	MCS5	3.22	3.02	6.13	-0.01	6.12	10.0	-3.88
	5180	36	be (20MHz)	SDM	106+26	82	MCS5	2.16	2.24	5.21	-0.01	5.20	10.0	-4.80
	5200	40	be (20MHz)	SDM	106+26	82	MCS5	2.84	3.10	5.98	-0.01	5.97	10.0	-4.03
	5240	48	be (20MHz)	SDM	106+26	82	MCS5	3.12	3.13	6.13	-0.01	6.13	10.0	-3.87
	5210	42	be (80MHz)	CDD	484+242	92	MCS5	-5.06	-4.94	-1.99	2.91	0.92	10.0	-9.08
Band 1/2A	5250	50 (L)	be (160MHz)	CDD	996+484	95	MCS5	-8.45	-8.79	-5.60	2.91	-2.70	10.0	-12.70
	5250	50 (L)	be (160MHz)	CDD	996+484+242	97	MCS5	-9.48	-8.89	-6.16	2.91	-3.26	10.0	-13.26
	5250	50 (U)	be (160MHz)	CDD	996+484	94	MCS5	-8.66	-8.81	-5.72	2.91	-2.81	10.0	-12.81
	5250	50 (U)	be (160MHz)	CDD	996+484+242	97	MCS5	-9.35	-9.35	-6.34	2.91	-3.43	10.0	-13.43

Table 7-183. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Diversity (MRU)

	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	SDM	242	61	MCS5	2.20	2.87	5.55	-0.01	5.55	10.0	-4.45
	5200	40	be (20MHz)	SDM	242	61	MCS5	3.83	4.08	6.97	-0.01	6.96	10.0	-3.04
	5240	48	be (20MHz)	SDM	242	61	MCS5	2.92	3.31	6.13	-0.01	6.12	10.0	-3.88
	5190	38	be (40MHz)	CDD	484	65	MCS5	-1.89	-1.74	1.20	2.91	4.10	10.0	-5.90
	5230	46	be (40MHz)	SDM	484	65	MCS5	2.50	2.65	5.59	-0.01	5.58	10.0	-4.42
	5210	42	be (80MHz)	CDD	996	67	MCS5	-5.78	-6.14	-2.95	2.91	-0.04	10.0	-10.04
Band 1/2A	5250	50	be (160MHz)	CDD	996	68	MCS5	-9.66	-9.22	-6.42	2.91	-3.52	10.0	-13.52

Table 7-184. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Diversity (Fully-loaded RU)

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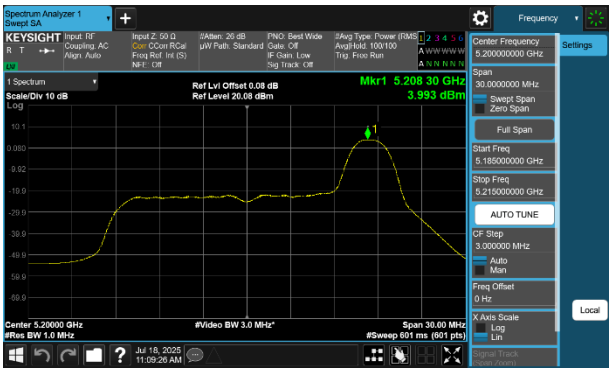
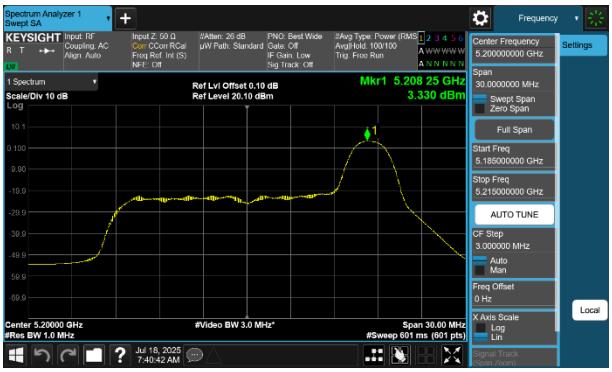
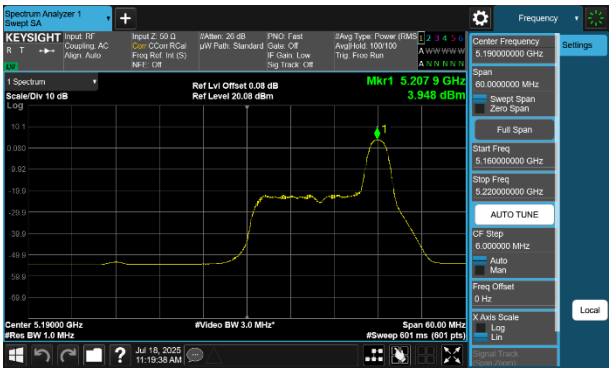


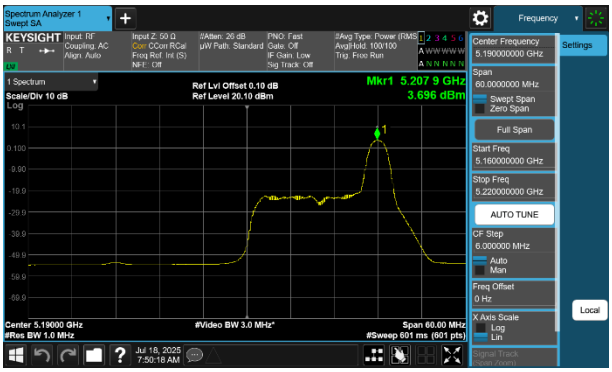
Plot 7-246 PSD CDD Diversity Antenna WF7 (20MHz BW 802.11be(RU) RU26 Index8 - Ch.40)



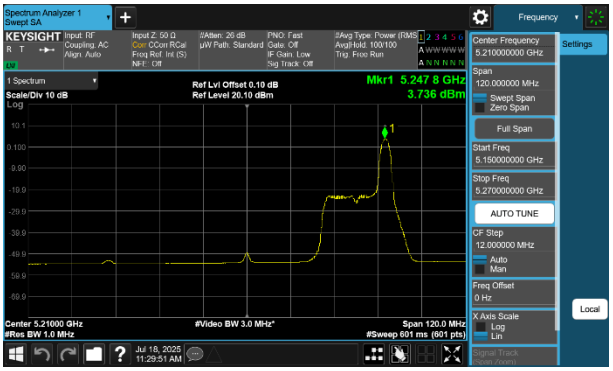
Plot 7-250 PSD CDD Diversity Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index8 - Ch.40)



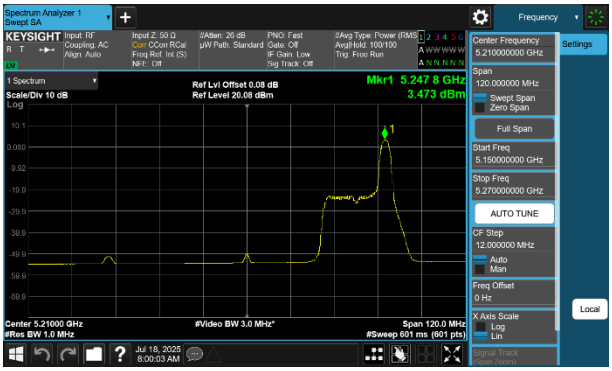
Plot 7-247 PSD CDD Diversity Antenna WF7 (40MHz BW 802.11be(RU) RU26 Index17 - Ch.38)



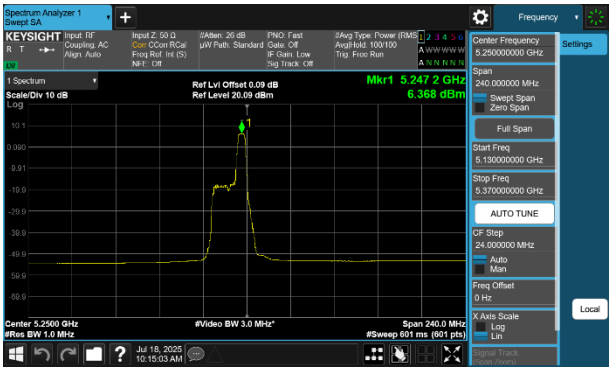
Plot 7-251 PSD CDD Diversity Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index17 - Ch.38)



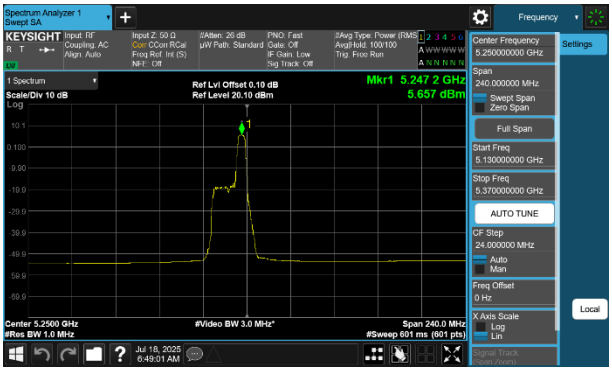
Plot 7-248 PSD CDD Diversity Antenna WF7 (80MHz BW 802.11be(RU) RU26 Index36 - Ch.42)



Plot 7-252 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index36 - Ch.42)



Plot 7-249 PSD CDD Diversity Antenna WF7 (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)



Plot 7-253 PSD CDD Diversity Antenna WF8 (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)

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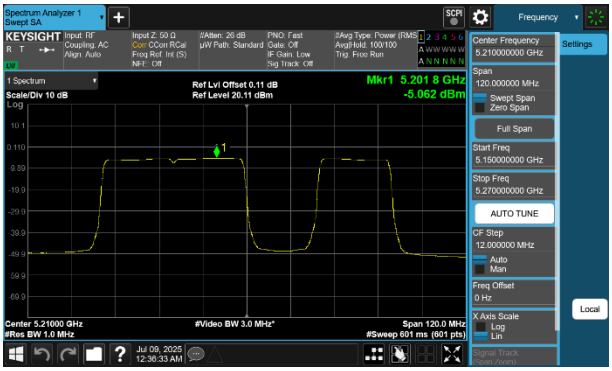
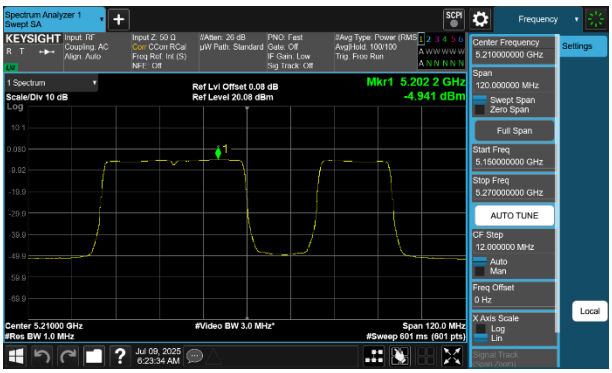
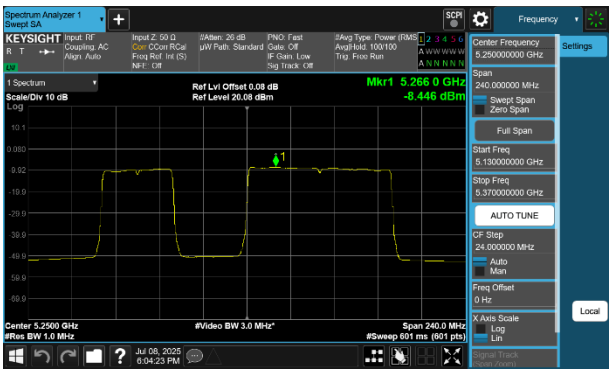
Plot 7-254 PSD CDD Diversity Antenna WF7 (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.36)



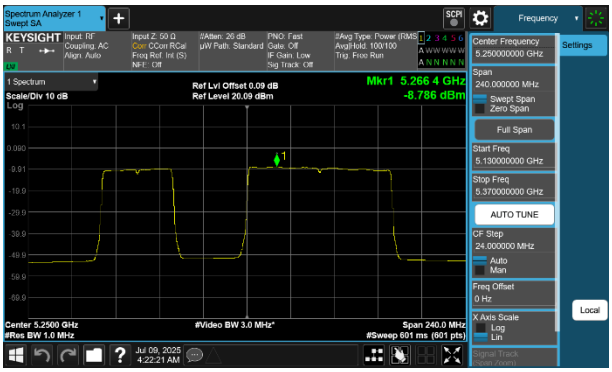
Plot 7-258 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.42)



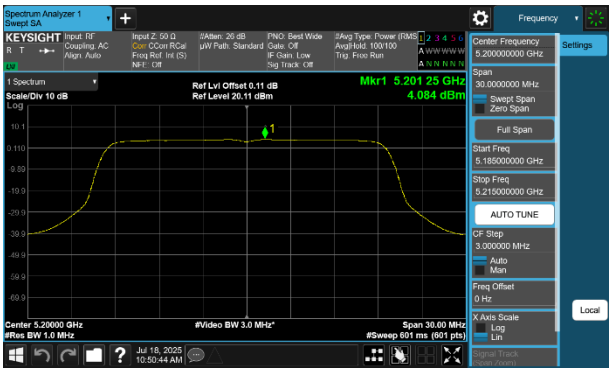
Plot 7-255 PSD CDD Diversity Antenna WF7 (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.42)



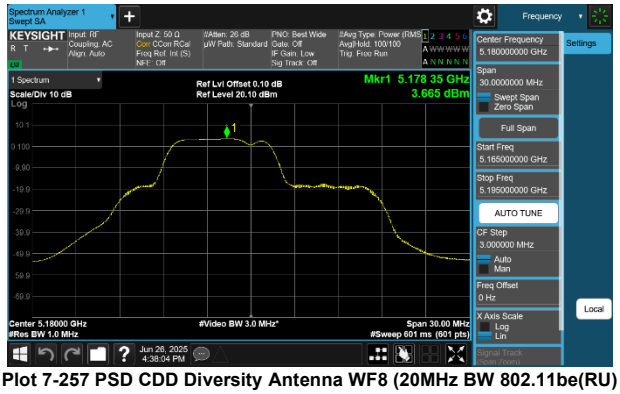
Plot 7-259 PSD CDD Diversity Antenna WF8 (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)



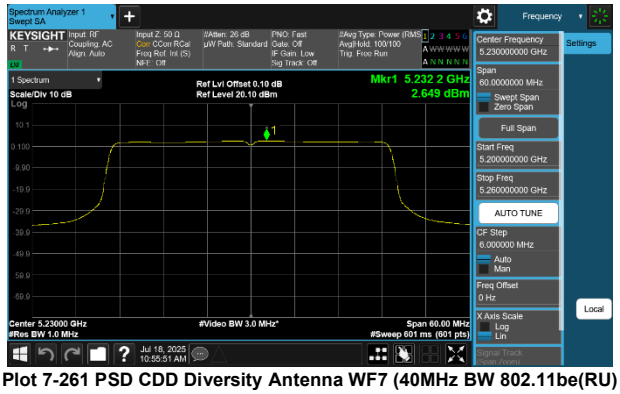
Plot 7-256 PSD CDD Diversity Antenna WF7 (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)



Plot 7-260 PSD CDD Diversity Antenna WF7 (20MHz BW 802.11be(RU) RU242 Index61 - Ch.40)



Plot 7-257 PSD CDD Diversity Antenna WF8 (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.36)



Plot 7-261 PSD CDD Diversity Antenna WF7 (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)

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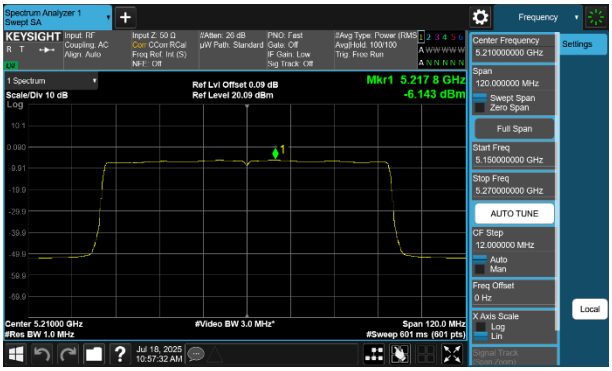
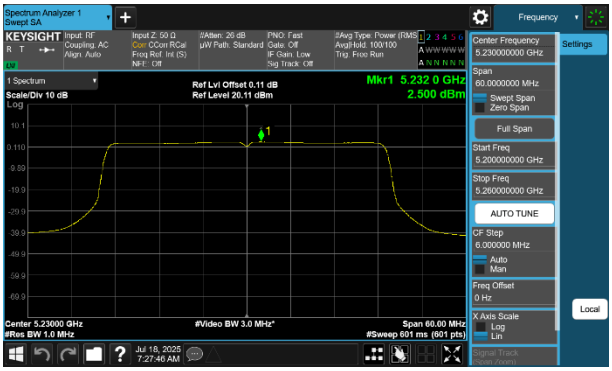
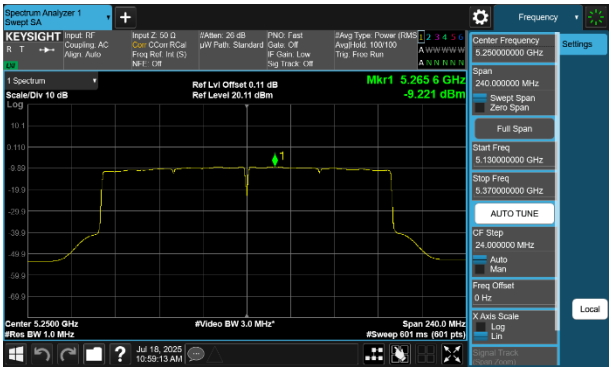


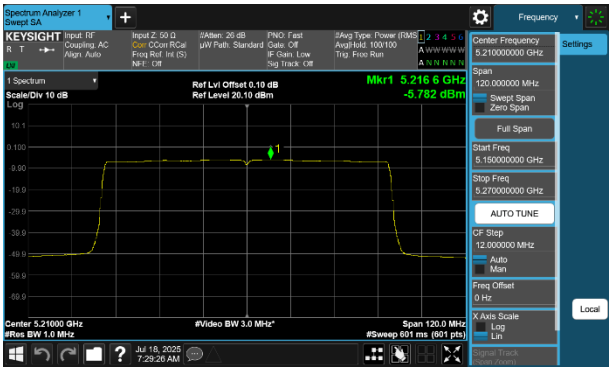
Plot 7-262 PSD CDD Diversity Antenna WF7 (80MHz BW 802.11be(RU) RU996 Index67 - Ch.42)



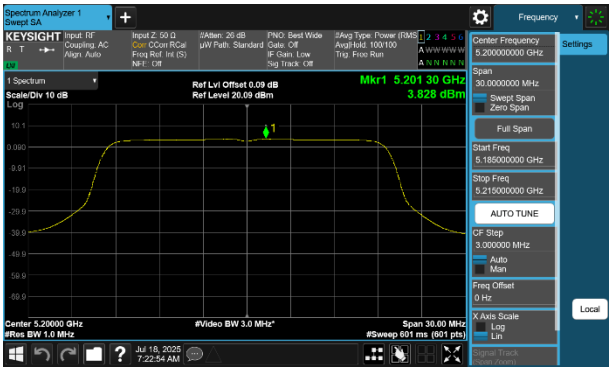
Plot 7-265 PSD CDD Diversity Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



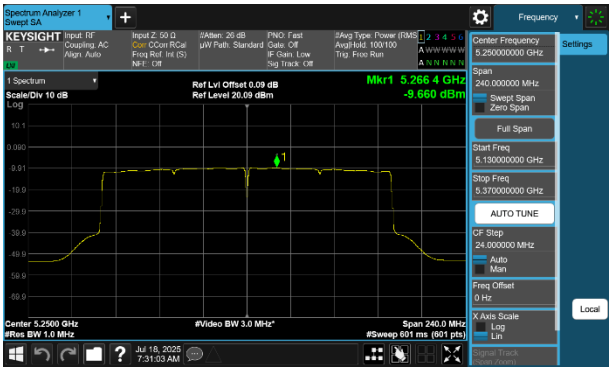
Plot 7-263 PSD CDD Diversity Antenna WF7 (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)



Plot 7-266 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 - Ch.42)



Plot 7-264 PSD CDD Diversity Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 - Ch.40)



Plot 7-267 PSD CDD Diversity Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)

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7.6 Radiated Spurious Emission – Above 1GHz

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

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. All channels, modes (e.g. RU26, 52 Tones, RU106, RU242, RU484, RU996 and RU996x2), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.15-5.25 GHz and 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of −27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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 7-185 per Section 15.209 and RSS-Gen (8.9).

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

Table 7-185. Radiated Limits

Test Procedures Used

ANSI C63.10-2020 – Subclauses 12.7.7, 12.7.6
KDB 789033 D02 v02r01 – Section G

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Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be ≥ 2 x span/RBW)
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

Peak Field Strength Measurements

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

Test Setup

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

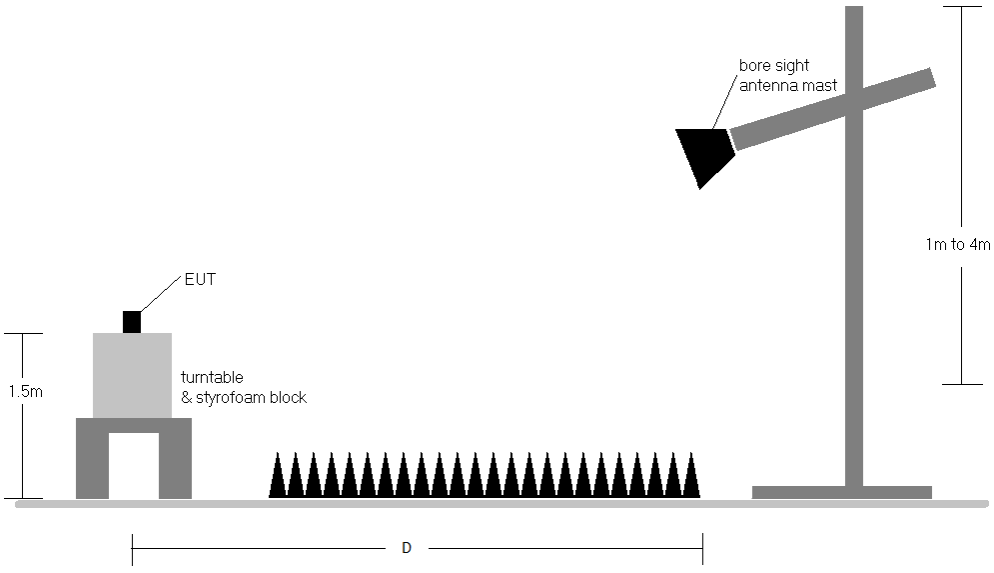

Figure 7-5. Test Instrument & Measurement Setup

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Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-185.
2. All spurious emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-185. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. Per RSS-247 Section 6.2.3, transmission on channels which overlap the 5600-5650 MHz is prohibited. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.
10. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

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Sample Calculations

Determining Spurious Emissions Levels

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

Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.6.3 to 7.6.22 was calculated using the formula:
  Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

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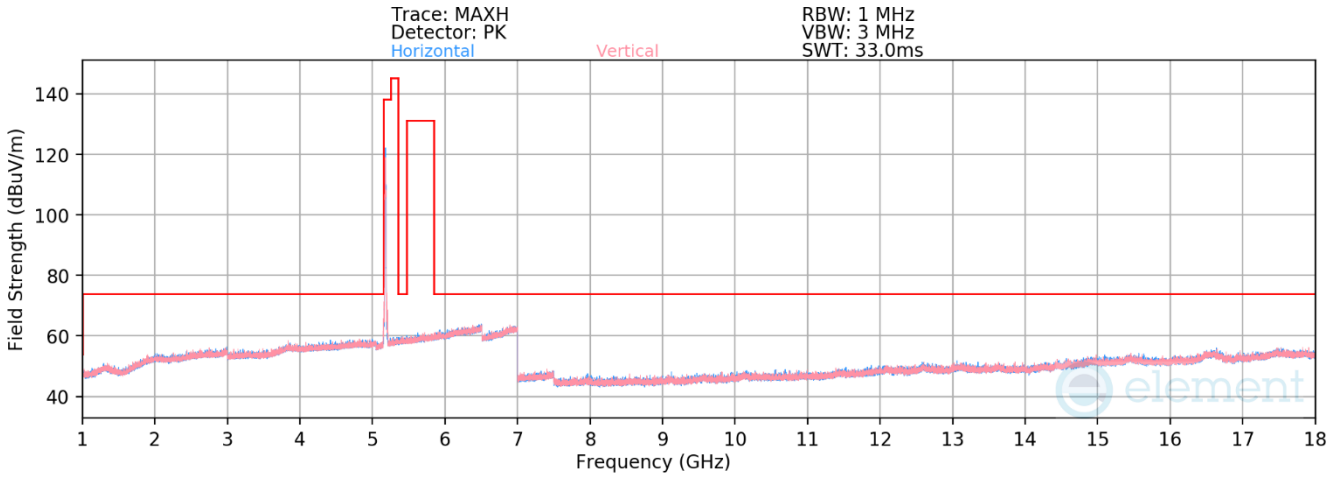
7.6.1 CDD Primary Radiated Spurious Emissions

RU26



Plot 7-268. RSE above 1GHz CDD Primary (11be – Ch.36 – RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

	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]
	10360.00	Peak	H	-	-	-68.29	9.07	47.78	68.23	-20.45
*	15540.00	Average	H	-	-	-79.83	14.49	41.66	53.98	-12.32
*	15540.00	Peak	H	-	-	-69.12	14.49	52.37	73.98	-21.61

Table 7-186. Radiated Measurements CDD Primary (RU26)

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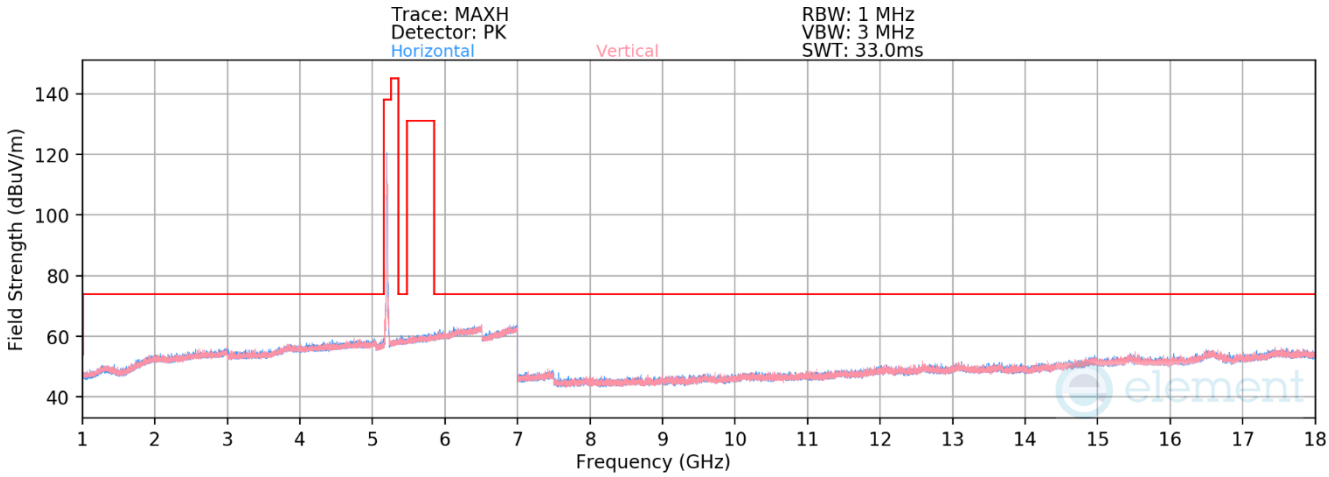
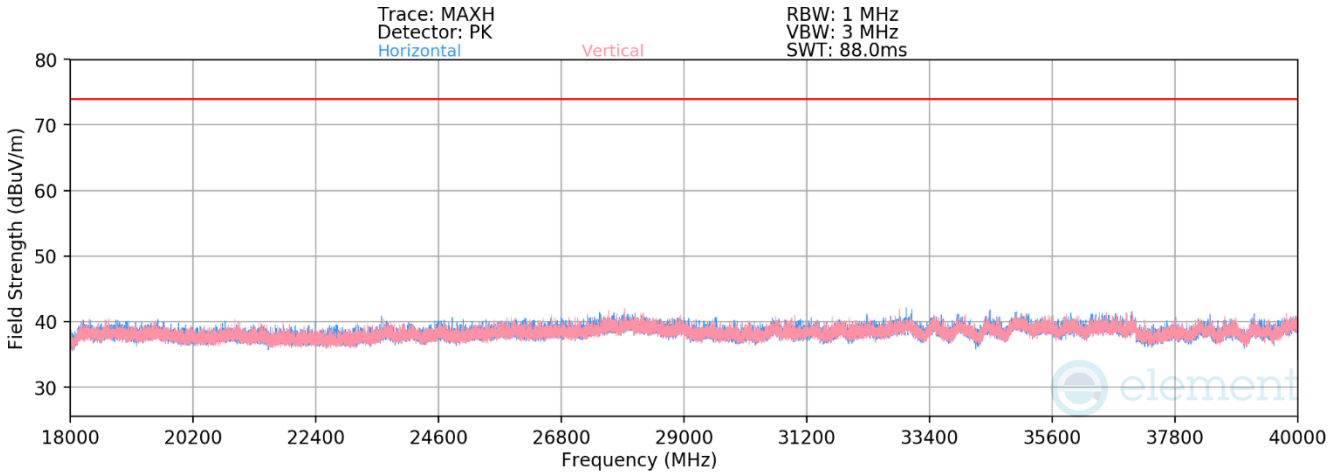


Plot 7-269. RSE above 1GHz CDD Primary (11be – Ch.40 – RU26)



Plot 7-270. RSE 18GHz – 40 GHz CDD Primary (11be Ch.40 — RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40

	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]
	10400.00	Peak	V	-	-	-67.63	9.01	48.38	68.23	-19.85
*	15600.00	Average	V	-	-	-79.89	14.69	41.79	53.98	-12.19
*	15600.00	Peak	V	-	-	-69.09	14.69	52.60	73.98	-21.38

Table 7-187. Radiated Measurements CDD Primary (RU26)

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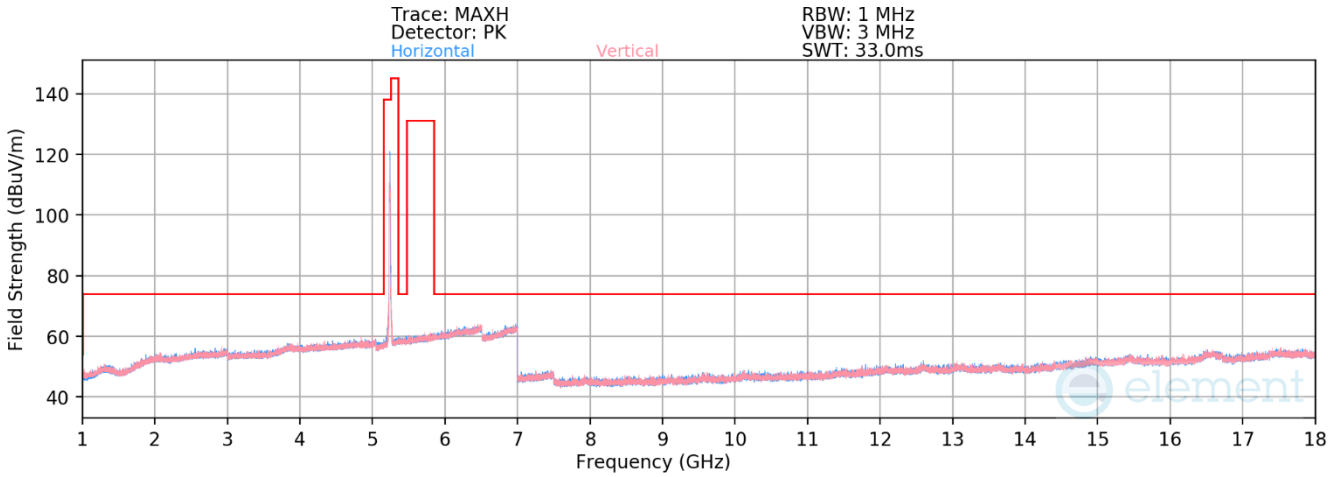

Plot 7-271. RSE above 1GHz CDD Primary (11be – Ch.48 – RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5240MHz
Channel:	48

	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]
	10480.00	Peak	H	-	-	-67.98	9.19	48.20	68.23	-20.03
*	15720.00	Average	V	-	-	-79.42	13.97	41.55	53.98	-12.43
*	15720.00	Peak	V	-	-	-68.66	13.97	52.30	73.98	-21.68

Table 7-188. Radiated Measurements CDD Primary (RU26)

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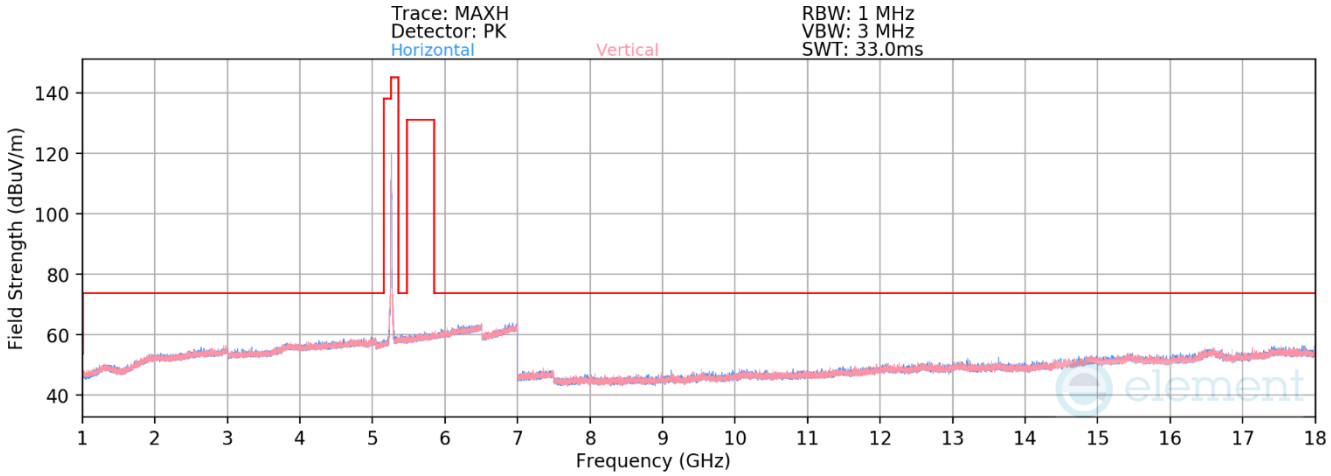

Plot 7-272. RSE above 1GHz CDD Primary (11be – Ch.52 – RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5260MHz
Channel:	52

	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]
	10520.00	Peak	H	-	-	-67.73	9.19	48.45	68.23	-19.78
*	15780.00	Average	V	-	-	-79.34	14.06	41.72	53.98	-12.26
*	15780.00	Peak	V	-	-	-68.46	14.06	52.59	73.98	-21.39

Table 7-189. Radiated Measurements CDD Primary (RU26)

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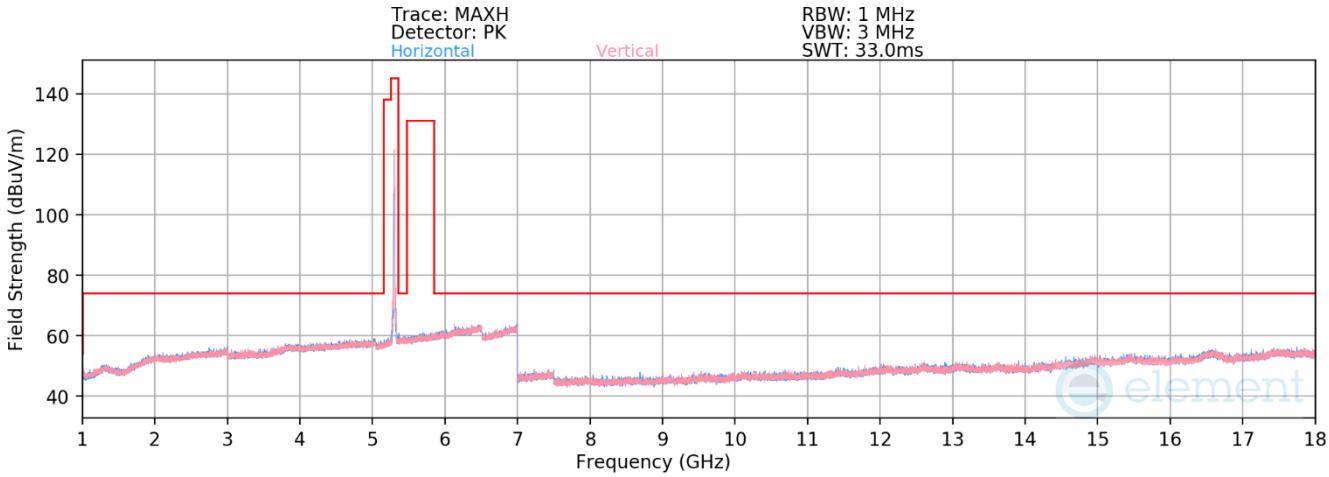
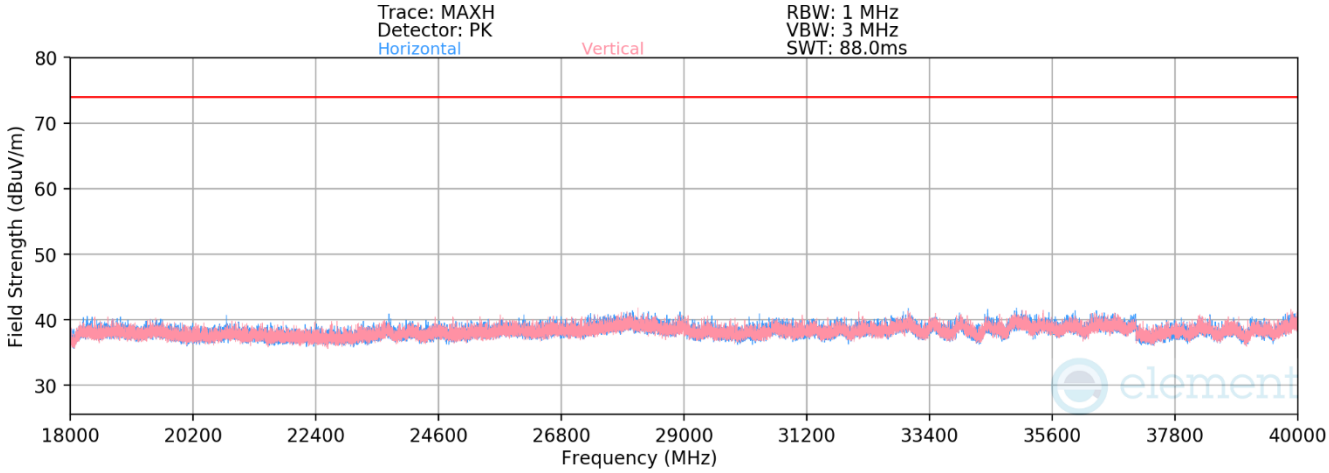


Plot 7-273. RSE above 1GHz CDD Primary (11be – Ch.56 – RU26)



Plot 7-274. RSE 18GHz – 40 GHz CDD Primary (11be Ch.56 — RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5280MHz
Channel:	56

	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]
*	10600.00	Average	V	-	-	-79.06	9.70	37.64	53.98	-16.34
*	10600.00	Peak	V	-	-	-68.89	9.70	47.81	73.98	-26.17
*	15900.00	Average	V	-	-	-79.43	14.11	41.68	53.98	-12.30
*	15900.00	Peak	V	-	-	-68.74	14.11	52.37	73.98	-21.61

Table 7-190. Radiated Measurements CDD Primary (RU26)

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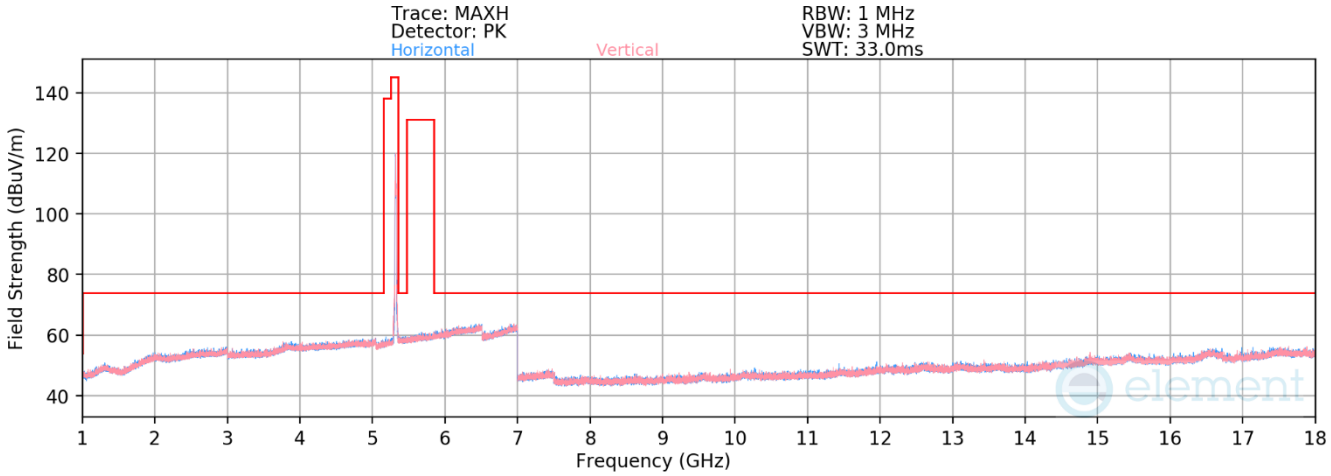

Plot 7-275. RSE above 1GHz CDD Primary (11be – Ch.64 – RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64

	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]
*	10640.00	Average	H	-	-	-79.74	9.70	36.96	53.98	-17.02
*	10640.00	Peak	H	-	-	-68.61	9.70	48.09	73.98	-25.89
*	15960.00	Average	H	-	-	-79.72	14.10	41.38	53.98	-12.60
*	15960.00	Peak	H	-	-	-69.35	14.10	51.75	73.98	-22.23

Table 7-191. Radiated Measurements CDD Primary (RU26)

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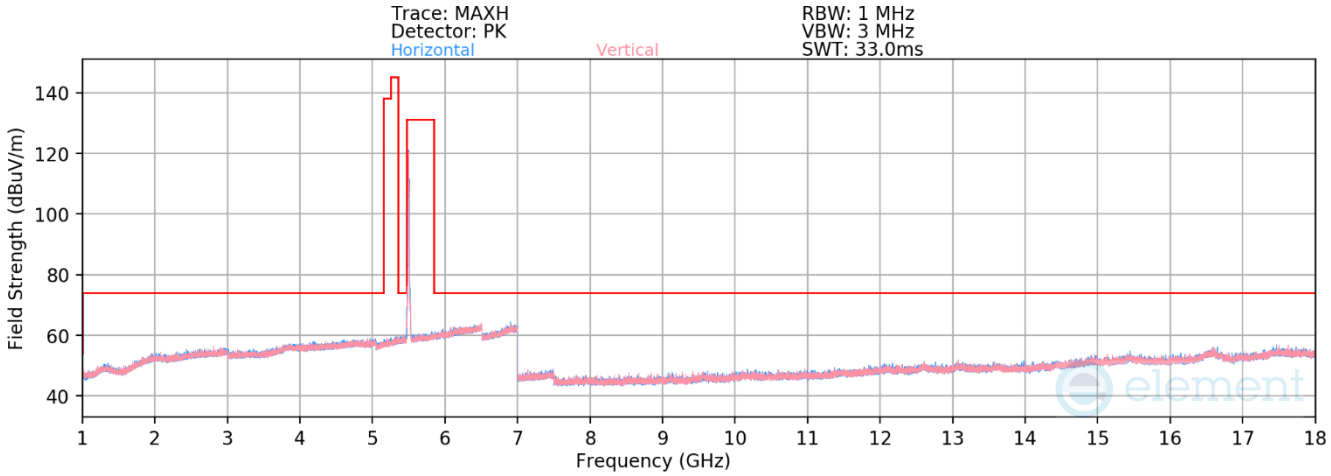

Plot 7-276. RSE above 1GHz CDD Primary (11be – Ch.100 – RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

	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]
*	11000.00	Average	V	-	-	-79.53	9.65	37.13	53.98	-16.85
*	11000.00	Peak	V	-	-	-68.64	9.65	48.01	73.98	-25.97
	16500.00	Peak	V	-	-	-69.23	16.41	54.18	68.23	-14.05

Table 7-192. Radiated Measurements CDD Primary (RU26)

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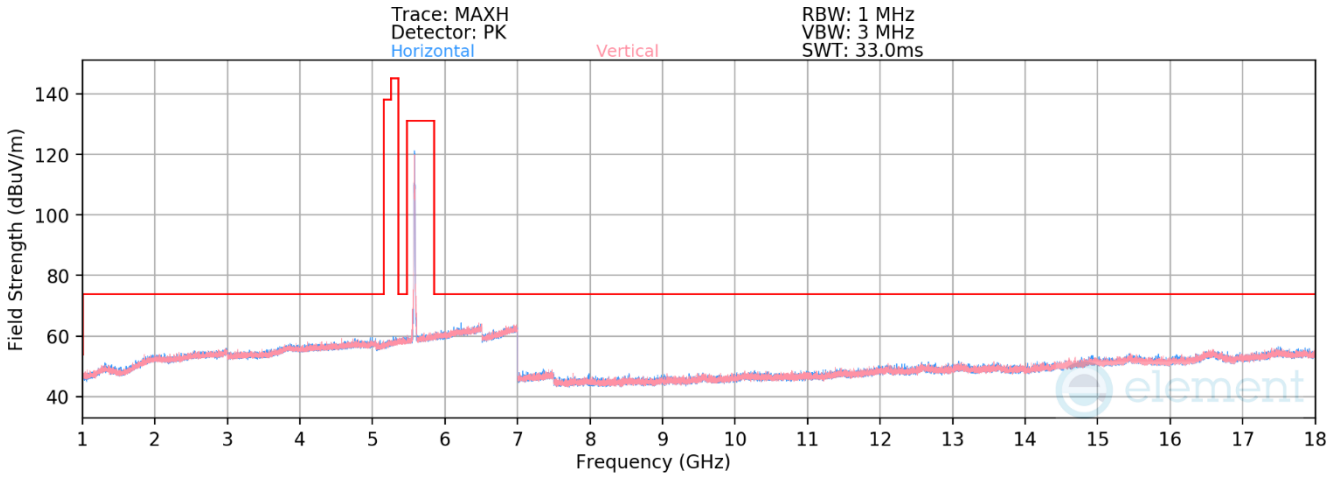
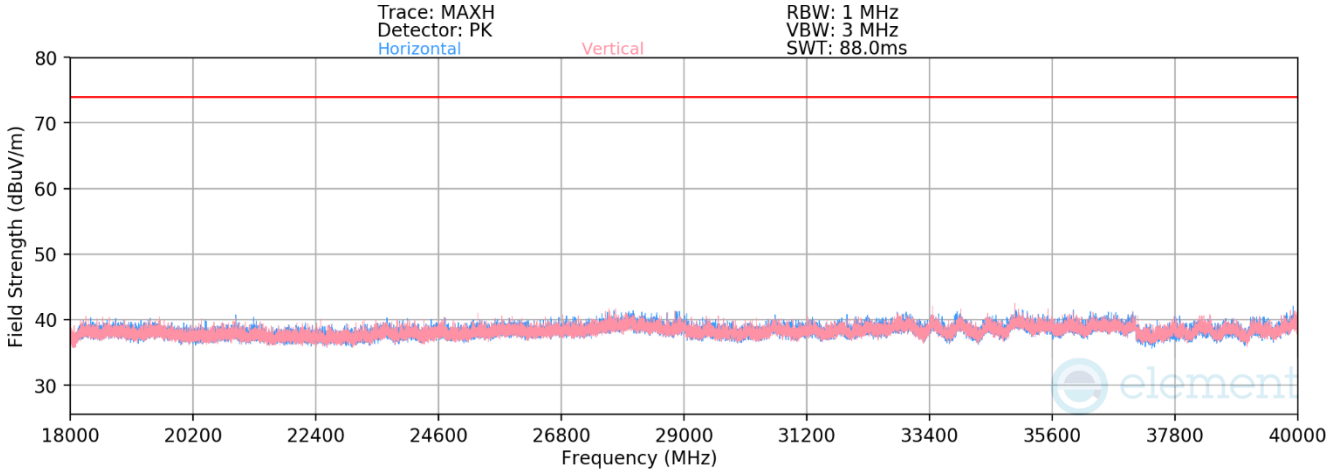


Plot 7-277. RSE above 1GHz CDD Primary (11be – Ch.116 – RU26)



Plot 7-278. RSE 18GHz – 40 GHz CDD Primary (11be Ch.116 — RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5580MHz
Channel:	116

	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]
*	11160.00	Average	V	-	-	-79.51	9.62	37.12	53.98	-16.86
*	11160.00	Peak	V	-	-	-68.23	9.62	48.40	73.98	-25.58
	16740.00	Peak	H	-	-	-68.33	15.74	54.41	68.23	-13.82

Table 7-193. Radiated Measurements CDD Primary (RU26)

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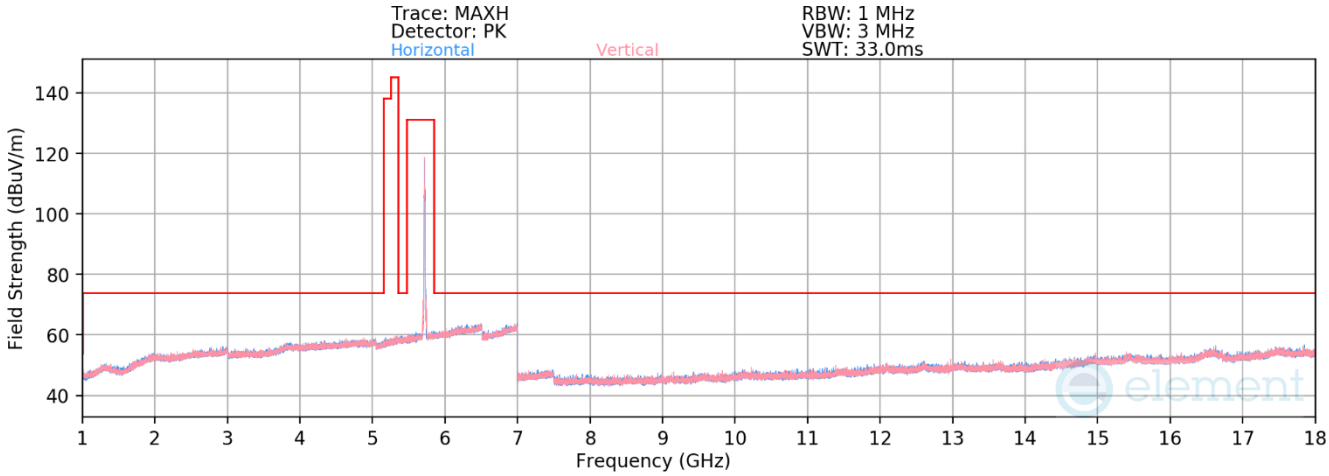

Plot 7-279. RSE above 1GHz CDD Primary (11be – Ch.144 – RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5720MHz
Channel:	144

	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]
*	11440.00	Average	V	-	-	-79.55	10.07	37.52	53.98	-16.46
*	11440.00	Peak	V	-	-	-68.24	10.07	48.84	73.98	-25.14
	17160.00	Peak	V	-	-	-69.86	16.76	53.91	68.23	-14.32

Table 7-194. Radiated Measurements CDD Primary (RU26)

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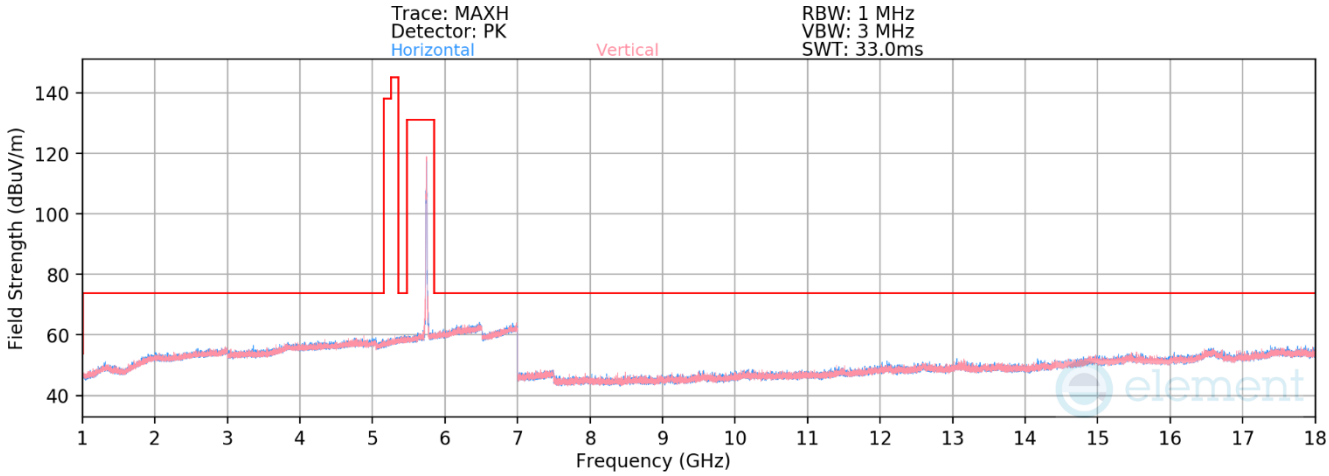

Plot 7-280. RSE above 1GHz CDD Primary (11be – Ch.149 – RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5745MHz
Channel:	149

	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]
*	11490.00	Average	V	-	-	-79.55	10.23	37.68	53.98	-16.30
*	11490.00	Peak	V	-	-	-68.95	10.23	48.28	73.98	-25.70
	17235.00	Peak	V	-	-	-69.33	16.91	54.58	68.23	-13.65

Table 7-195. Radiated Measurements CDD Primary (RU26)

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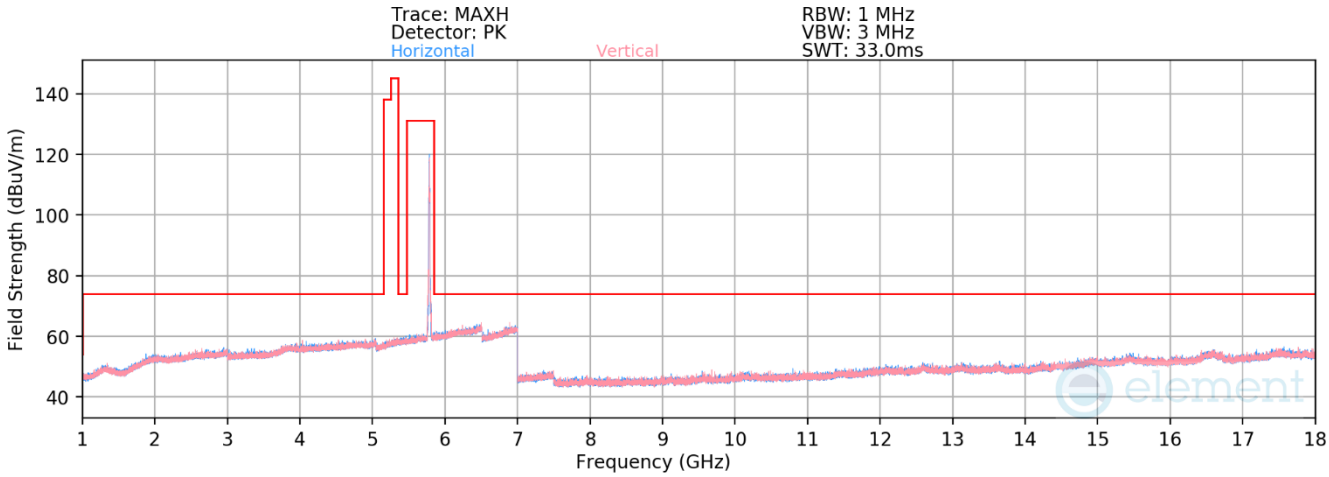
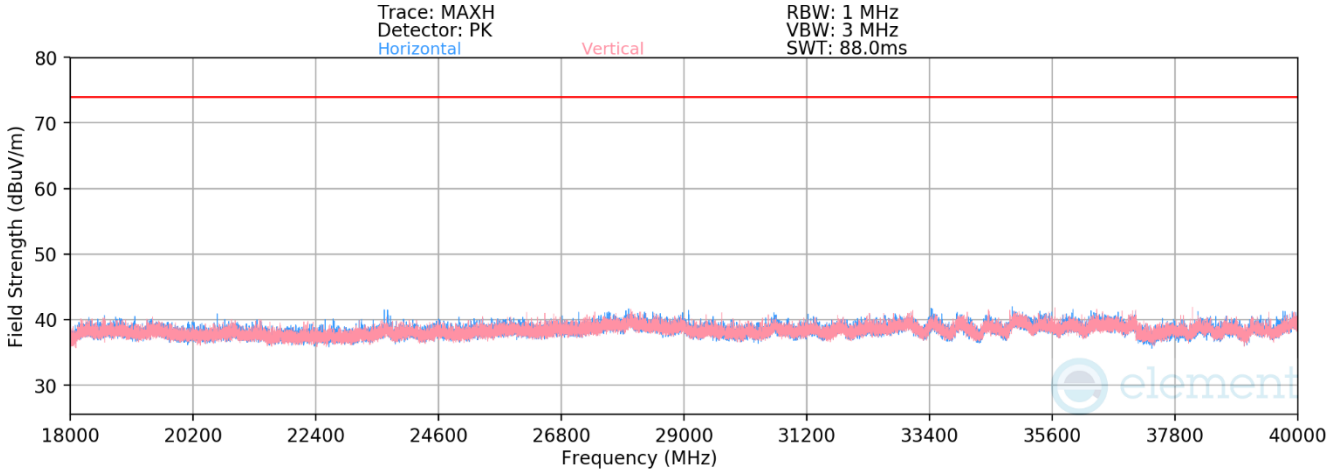


Plot 7-281. RSE above 1GHz CDD Primary (11be – Ch.157 – RU26)



Plot 7-282. RSE 18GHz – 40 GHz CDD Primary (11be Ch.157 — RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5785MHz
Channel:	157

	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]
*	11570.00	Average	H	-	-	-79.61	10.13	37.52	53.98	-16.46
*	11570.00	Peak	H	-	-	-69.00	10.13	48.12	73.98	-25.86
	17355.00	Peak	H	-	-	-69.44	17.41	54.97	68.23	-13.26

Table 7-196. Radiated Measurements CDD Primary (RU26)

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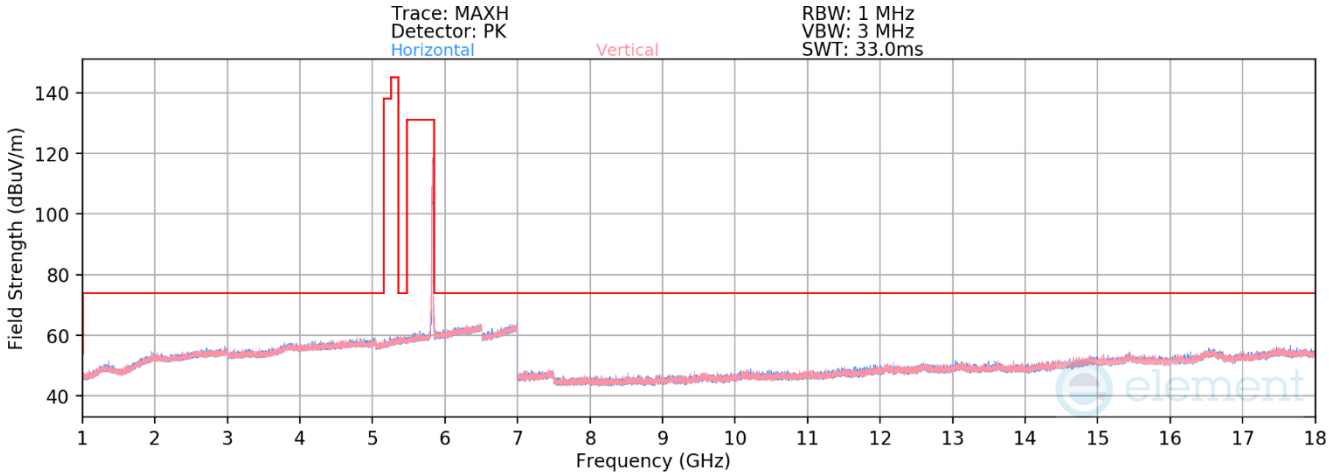

Plot 7-283. RSE above 1GHz CDD Primary (11be – Ch.165 – RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165

	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]
*	11650.00	Average	V	-	-	-79.78	10.44	37.66	53.98	-16.32
*	11650.00	Peak	V	-	-	-68.74	10.44	48.70	73.98	-25.28
	17475.00	Peak	V	-	-	-70.90	19.24	55.35	68.23	-12.88

Table 7-197. Radiated Measurements CDD Primary (RU26)

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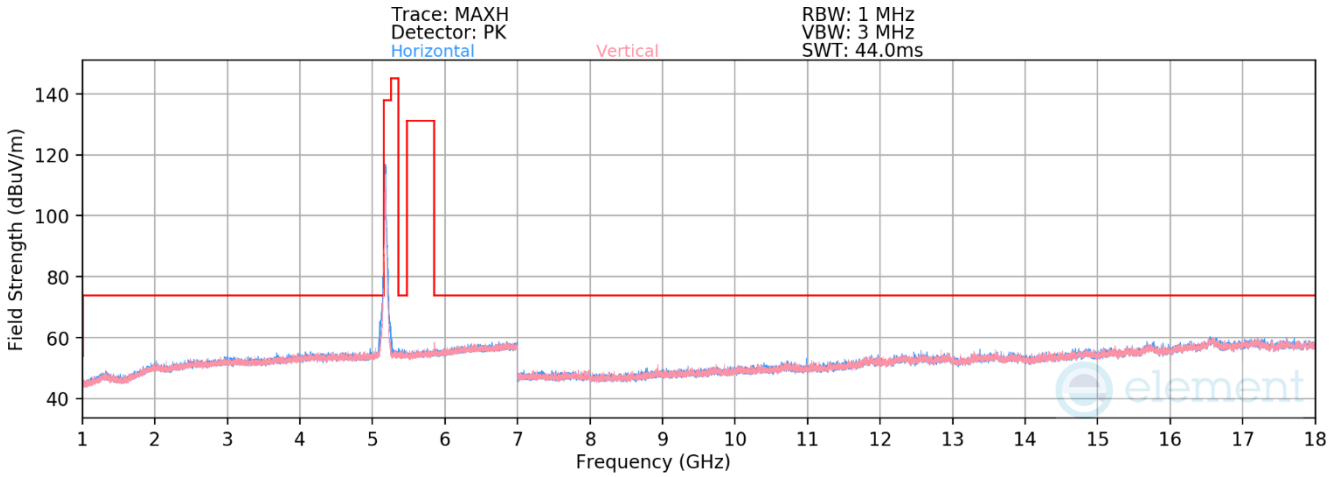
RU242



Plot 7-284. RSE above 1GHz CDD Primary (11be – Ch.36 – RU242)

Mode:	11be (20MHz BW)
Data Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

	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]
	10360.00	Peak	V	-	-	-68.53	9.01	47.48	68.23	-20.75
*	15540.00	Average	H	-	-	-79.73	14.49	41.76	53.98	-12.22
*	15540.00	Peak	H	-	-	-69.01	14.49	52.48	73.98	-21.50

Table 7-198. Radiated Measurements CDD Primary (RU242)

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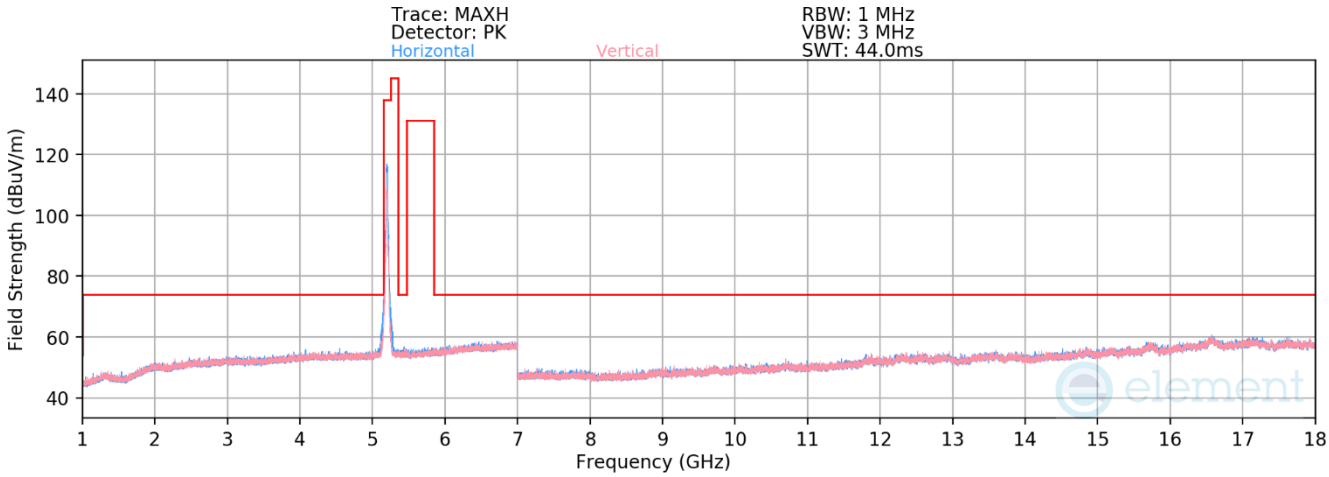
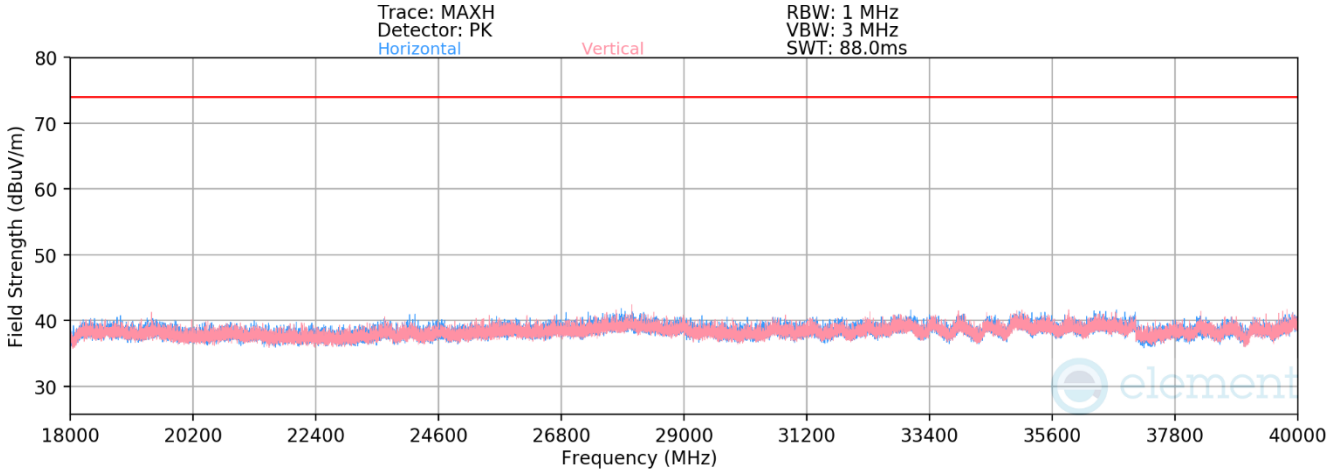


Plot 7-285. RSE above 1GHz CDD Primary (11be – Ch.40 – RU242)



Plot 7-286. RSE 18 GHz - 40GHz CDD Primary (11be Ch.40 — RU242)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40

	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]
	10400.00	Peak	V	-	-	-68.15	8.99	47.84	68.23	-20.39
*	15600.00	Average	V	-	-	-79.82	14.69	41.87	53.98	-12.11
*	15600.00	Peak	V	-	-	-69.23	14.69	52.46	73.98	-21.52

Table 7-199. Radiated Measurements CDD Primary (RU242)

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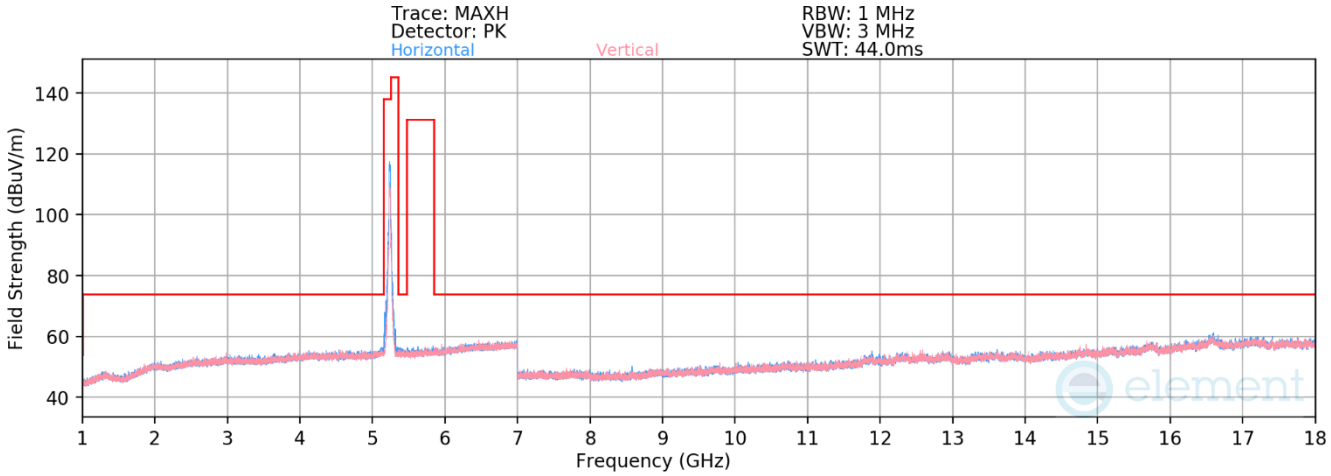

Plot 7-287. RSE above 1GHz CDD Primary (11be – Ch.48 – RU242)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5240MHz
Channel:	48

	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]
	10480.00	Peak	V	-	-	-68.30	9.43	48.13	68.23	-20.10
*	15720.00	Average	H	-	-	-79.51	13.97	41.46	53.98	-12.52
*	15720.00	Peak	H	-	-	-69.35	13.97	51.61	73.98	-22.37

Table 7-200. Radiated Measurements CDD Primary (RU242)

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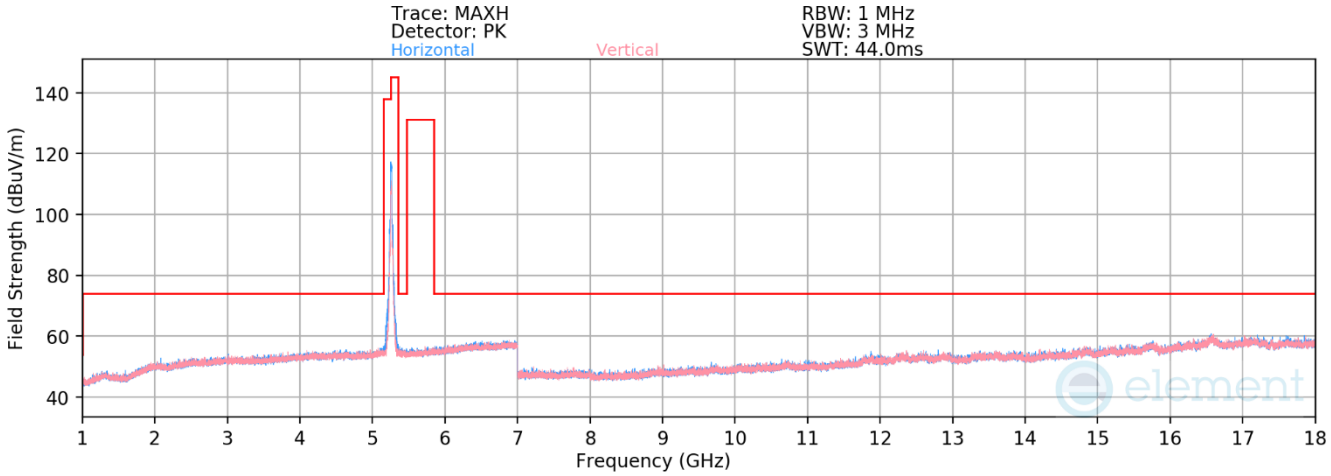

Plot 7-288. RSE above 1GHz CDD Primary (11be – Ch.52 – RU242)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5260MHz
Channel:	52

	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]
	10520.00	Peak	H	-	-	-68.38	9.25	47.87	68.23	-20.36
*	15780.00	Average	H	-	-	-79.51	14.06	41.54	53.98	-12.44
*	15780.00	Peak	H	-	-	-68.83	13.98	52.15	73.98	-21.83

Table 7-201. Radiated Measurements CDD Primary (RU242)

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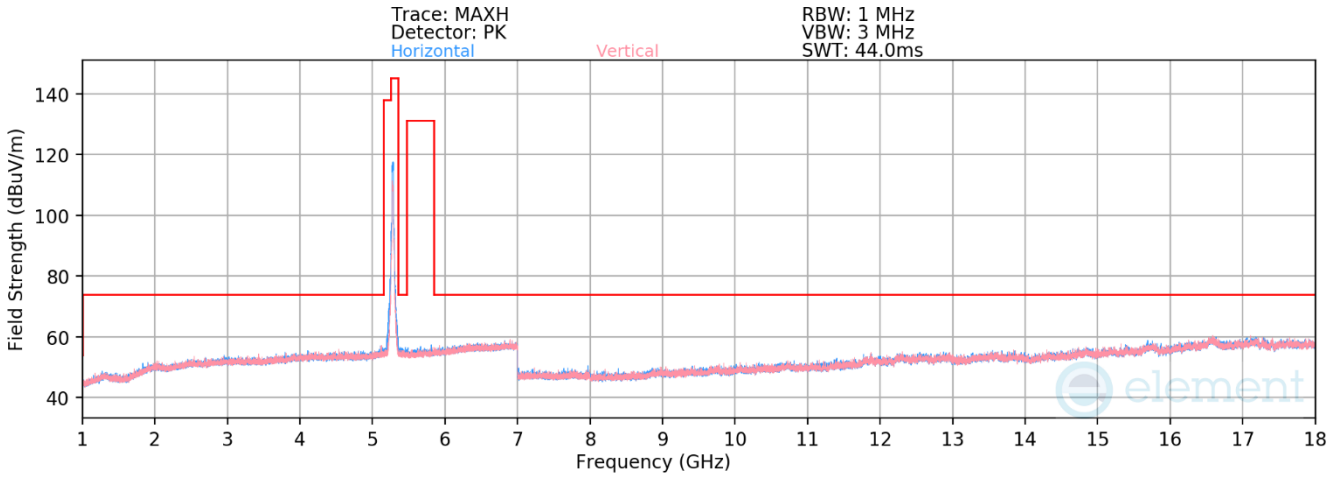
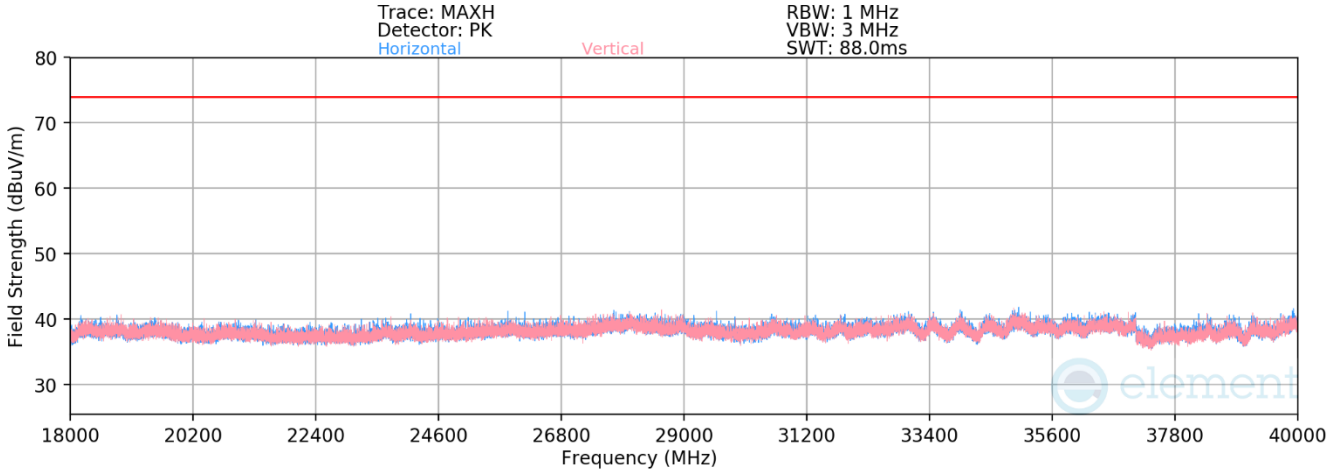


Plot 7-289. RSE above 1GHz CDD Primary (11be – Ch.56 – RU242)



Plot 7-290. RSE 18GHz – 40 GHz CDD Primary (11be Ch.56 — RU242)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5280MHz
Channel:	56

	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]
	10560.00	Peak	H	-	-	-68.99	9.70	47.71	68.23	-20.52
*	15840.00	Average	H	-	-	-79.59	14.10	41.51	53.98	-12.47
*	15840.00	Peak	H	-	-	-68.16	14.11	52.94	73.98	-21.04

Table 7-202. Radiated Measurements CDD Primary (RU242)

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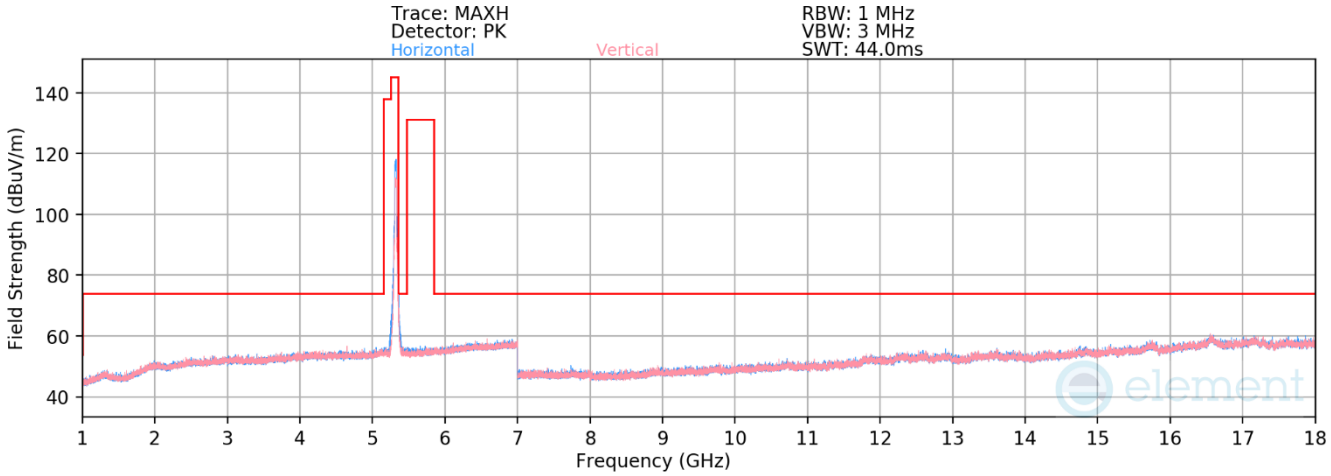

Plot 7-291. RSE above 1GHz CDD Primary (11be – Ch.64 – RU242)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64

	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]
*	10640.00	Average	H	-	-	-79.29	9.42	37.14	53.98	-16.84
*	10640.00	Peak	H	-	-	-68.94	9.70	47.76	73.98	-26.22
*	15960.00	Average	V	-	-	-79.67	13.96	41.29	53.98	-12.69
*	15960.00	Peak	V	-	-	-69.53	13.92	51.38	73.98	-22.60

Table 7-203. Radiated Measurements CDD Primary (RU242)

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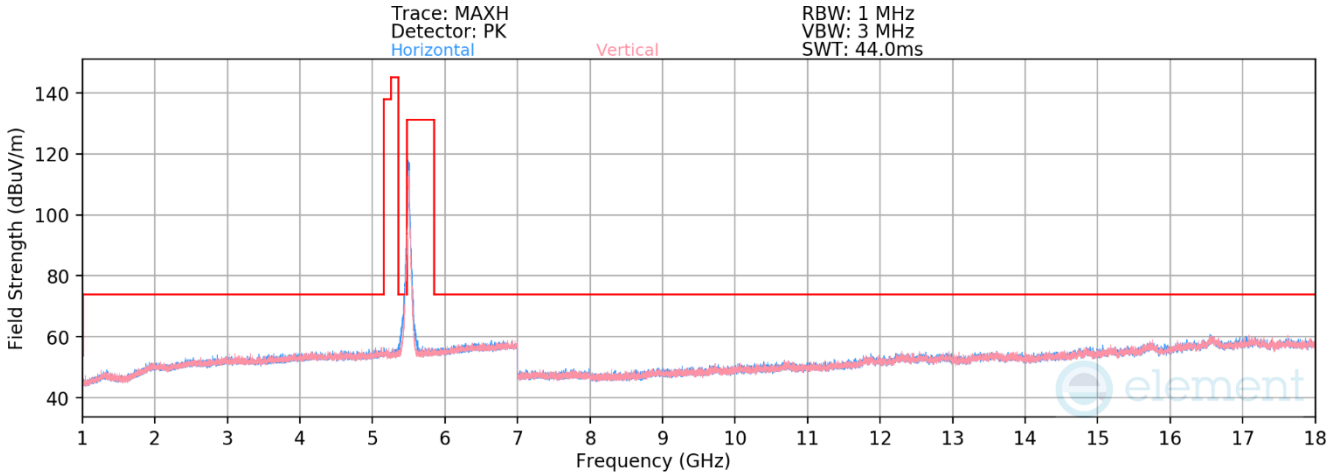

Plot 7-292. RSE above 1GHz CDD Primary (11be – Ch.100 – RU242)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

	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]
*	11000.00	Average	H	-	-	-79.39	9.62	37.24	53.98	-16.74
*	11000.00	Peak	H	-	-	-67.65	9.62	48.98	73.98	-25.00
	16500.00	Peak	V	-	-	-68.94	15.83	53.89	68.23	-14.34

Table 7-204. Radiated Measurements CDD Primary (RU242)

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