

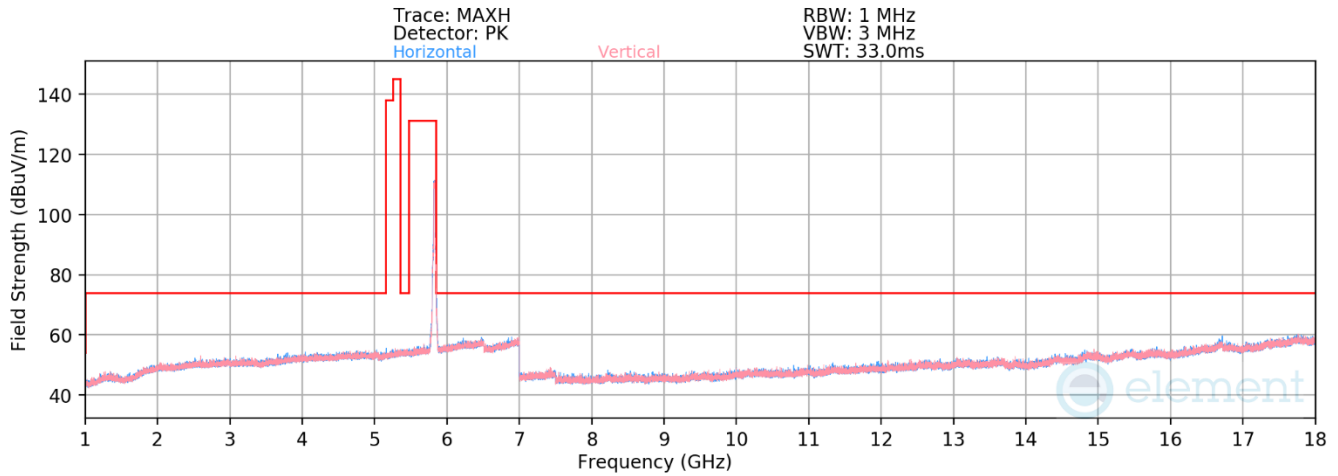
Plot 7-383. RSE above 1GHz Ant 2 (11ax – Ch.157 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 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	V	-	-	-84.35	13.53	36.18	53.98	-17.80
*	11570.00	Peak	V	-	-	-73.26	13.53	47.27	73.98	-26.71
	17355.00	Peak	V	-	-	-74.15	22.91	55.76	68.20	-12.44

Table 7-152. Radiated Measurements Ant 2 (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 187 of 263



Plot 7-384. RSE above 1GHz Ant 2 (11ax - Ch.165 - RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

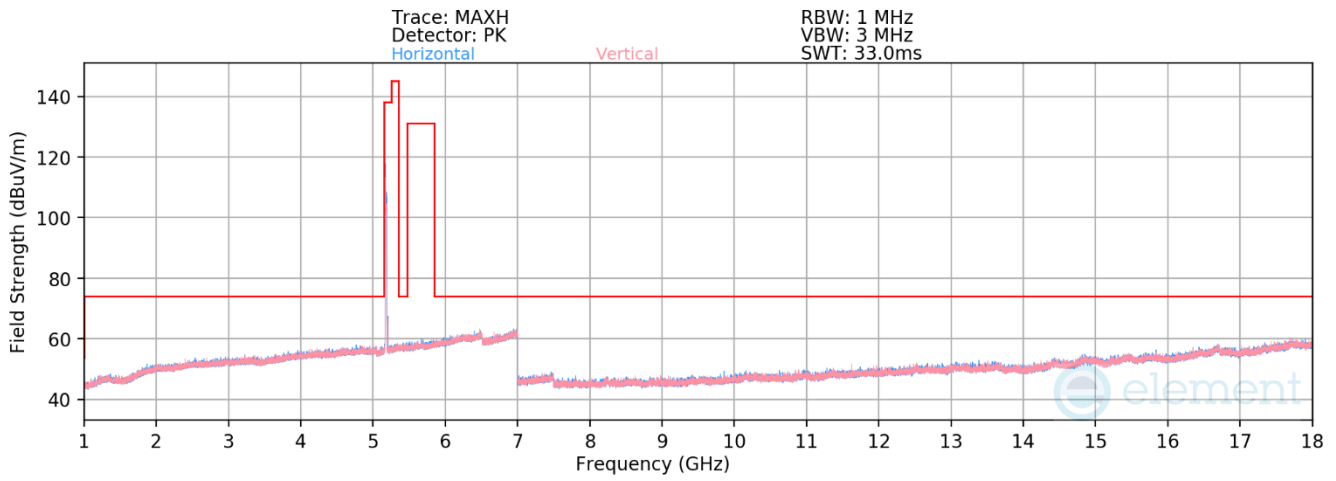
	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Duty Cycle Correction Factor [dB]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
*	11650.00	Average	V	257	161	-82.67	13.52	0.54	38.39	53.98	-15.59
*	11650.00	Peak	V	257	161	-71.39	13.52	0.00	49.13	73.98	-24.85
	17475.00	Peak	V	-	-	-74.22	23.62	0.00	56.40	68.20	-11.80

Table 7-153. Radiated Measurements Ant 2 (RU242)

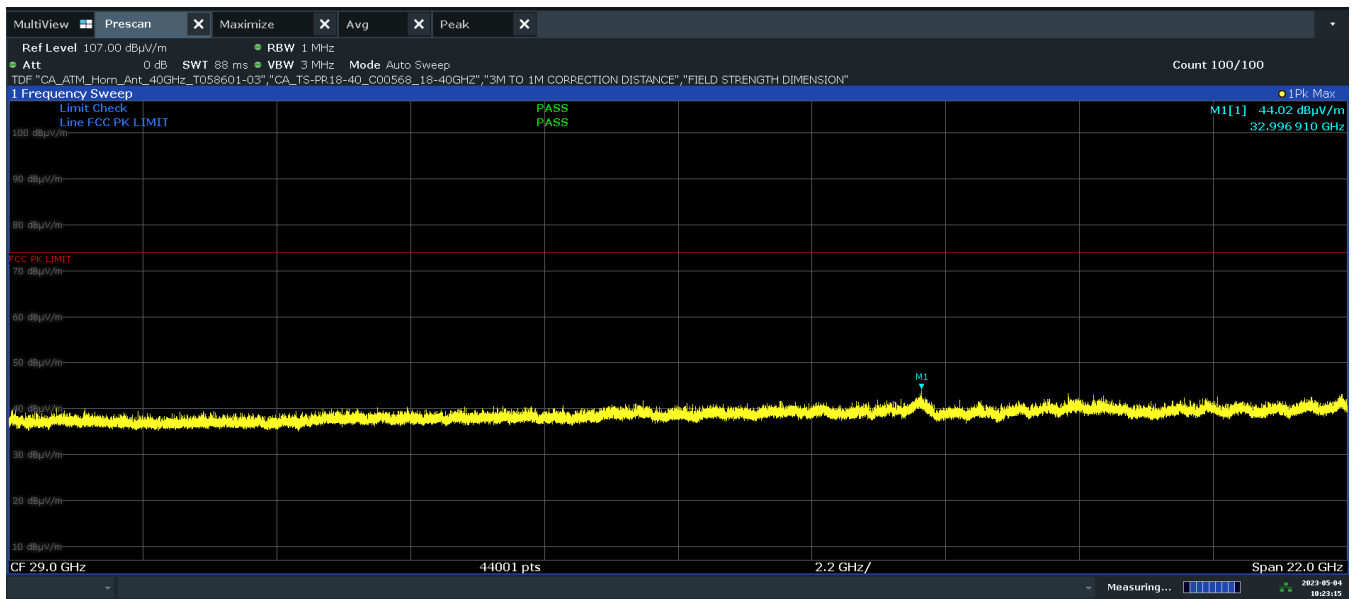
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 188 of 263

7.6.3 CDD Radiated Spurious Emissions

RU26/52

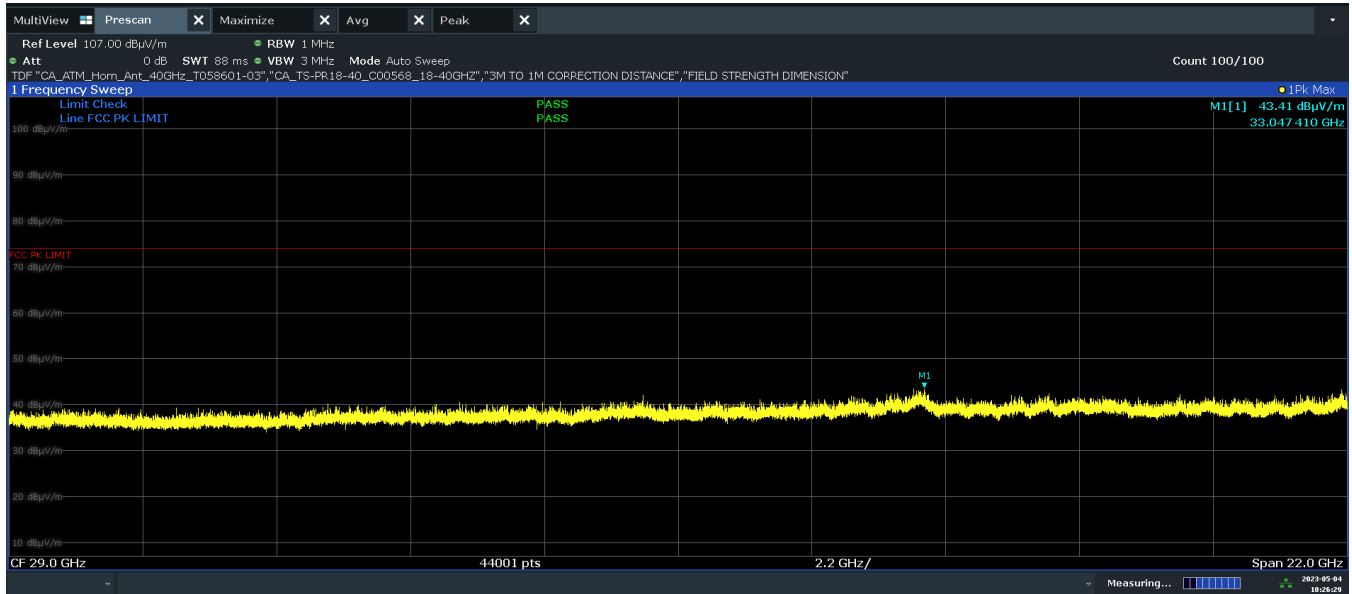


Plot 7-385. RSE above 1GHz CDD (11ax – Ch.36 – RU26)



Plot 7-386. RSE 18GHz – 40 GHz CDD (11ax Ch.36 — RU26, Pol. H)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 189 of 263



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Plot 7-387. RSE 18 GHz - 40GHz CDD (11ax Ch.36 — RU26, Pol. V)

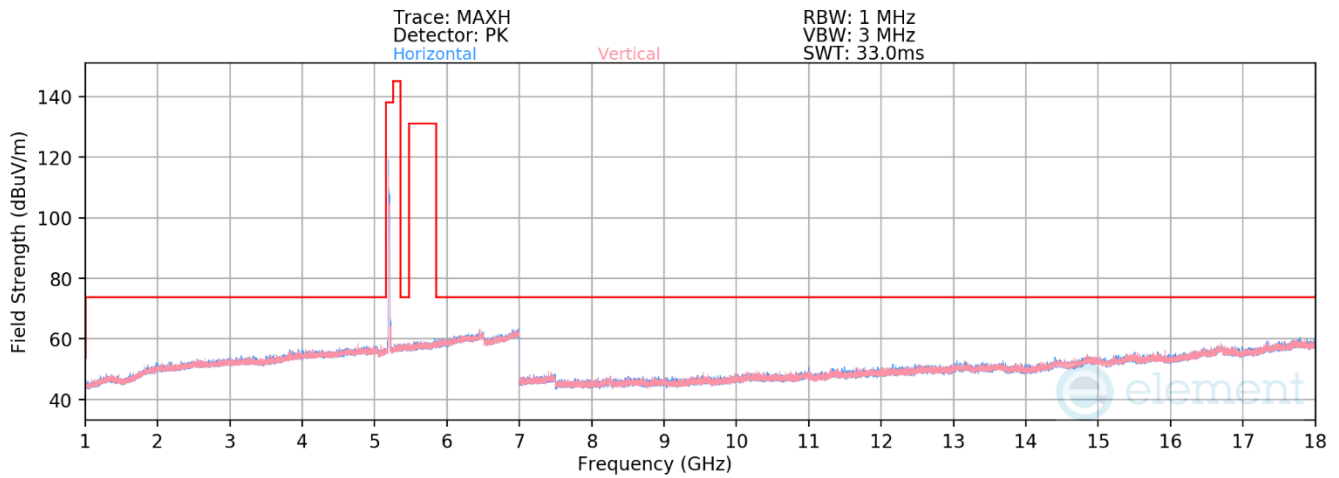
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36

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	399	247	-70.28	12.32	49.04	68.20	-19.16
* 15540.00	Average	H	-	-	-86.02	18.12	39.10	53.98	-14.87
* 15540.00	Peak	H	-	-	-75.02	18.12	50.10	73.98	-23.87

Table 7-154. Radiated Measurements CDD (RU26)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 190 of 263

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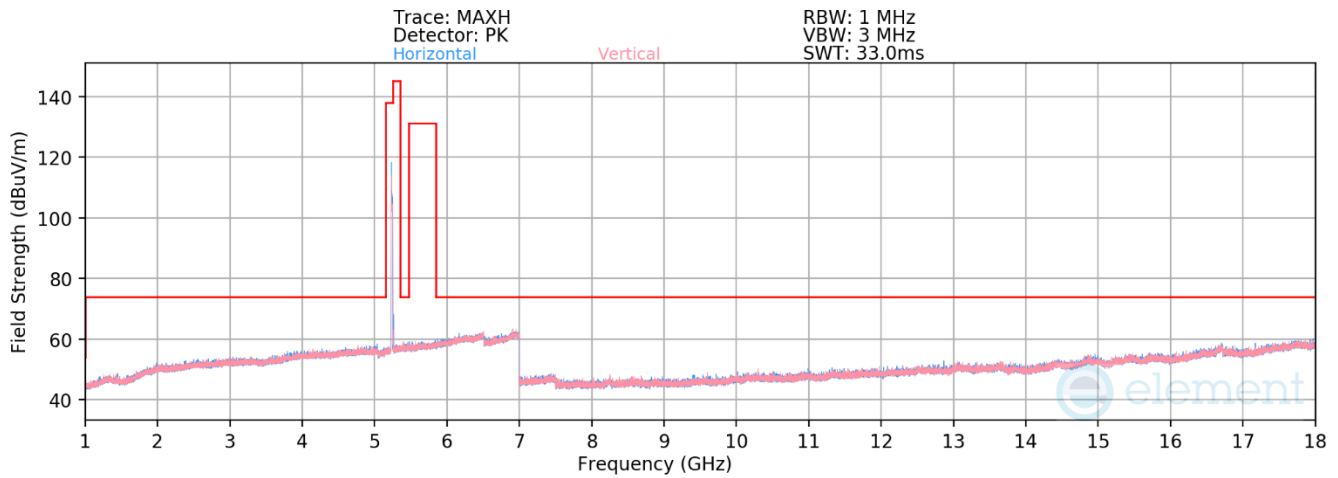
Plot 7-388. RSE above 1GHz CDD (11ax – Ch.40 – RU26)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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	H	264	196	-70.83	12.51	48.68	68.20	-19.52
* 15600.00	Average	H	-	-	-86.24	18.21	38.97	53.98	-15.01
* 15600.00	Peak	H	-	-	-74.91	18.21	50.30	73.98	-23.68

Table 7-155. Radiated Measurements CDD (RU26)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 191 of 263



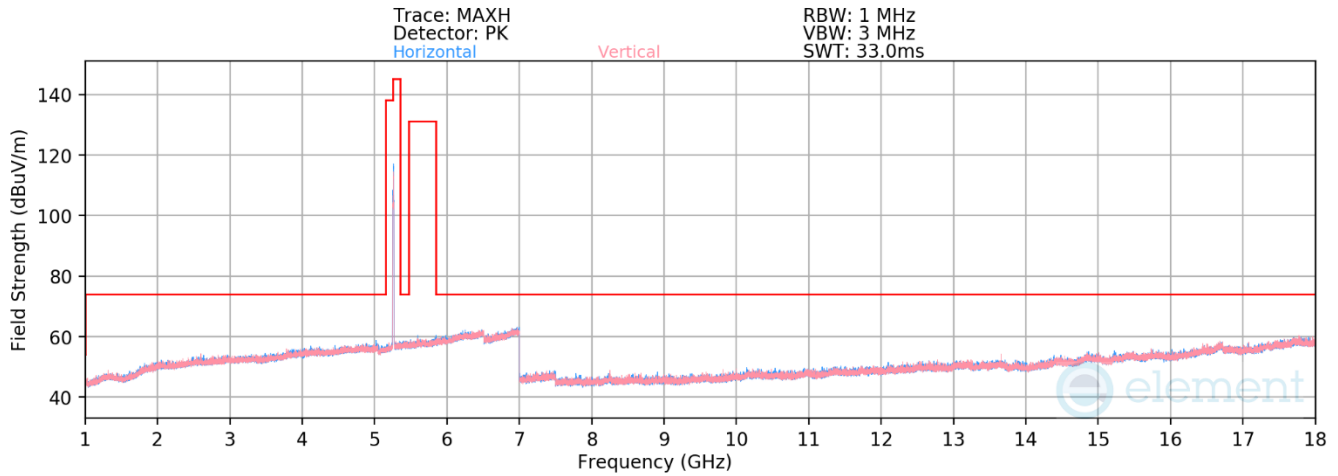
Plot 7-389. RSE above 1GHz CDD (11ax – Ch.48 – RU26)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	H	-	-	-72.45	12.64	47.19	68.20	-21.01
* 15720.00	Average	H	-	-	-86.00	18.75	39.75	53.98	-14.23
* 15720.00	Peak	H	-	-	-74.02	18.75	51.73	73.98	-22.25

Table 7-156. Radiated Measurements CDD (RU26)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 192 of 263



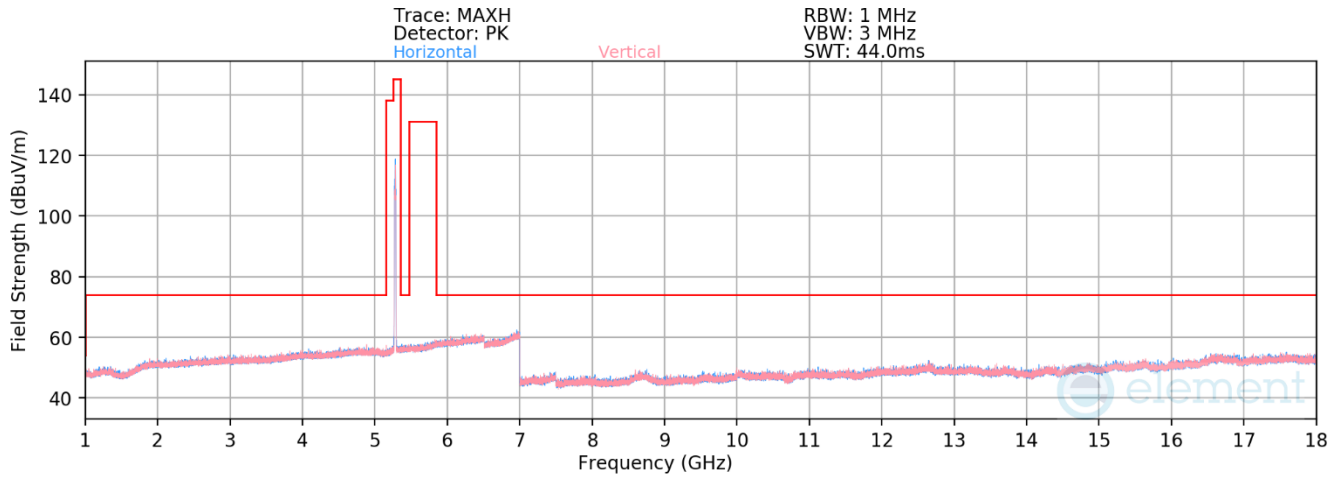
Plot 7-390. RSE above 1GHz CDD (11ax – Ch.52 – RU52)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 39
 Distance of Measurements: 3 Meters
 Operating Frequency: 5260MHz
 Channel: 52

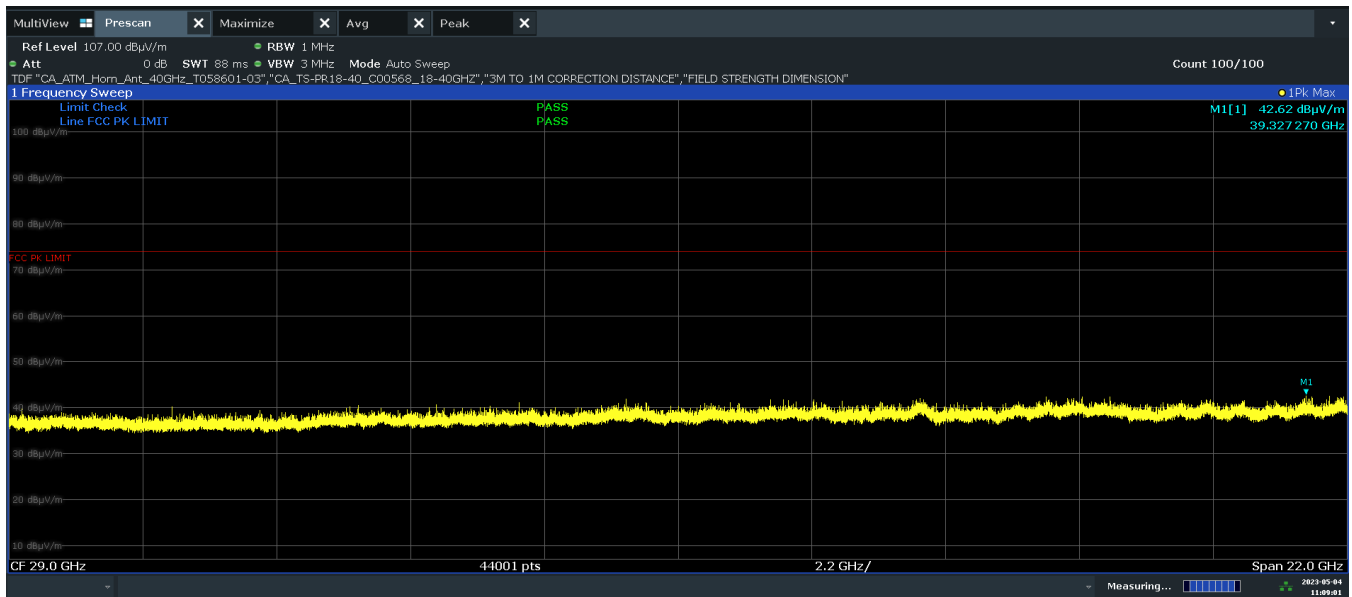
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.84	12.63	47.79	68.20	-20.41
* 15780.00	Average	H	-	-	-86.62	19.20	39.58	53.98	-14.40
* 15780.00	Peak	H	-	-	-75.17	19.20	51.03	73.98	-22.95

Table 7-157. Radiated Measurements CDD (RU52)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 193 of 263



Plot 7-391. RSE above 1GHz CDD (11ax – Ch.56 – RU52)

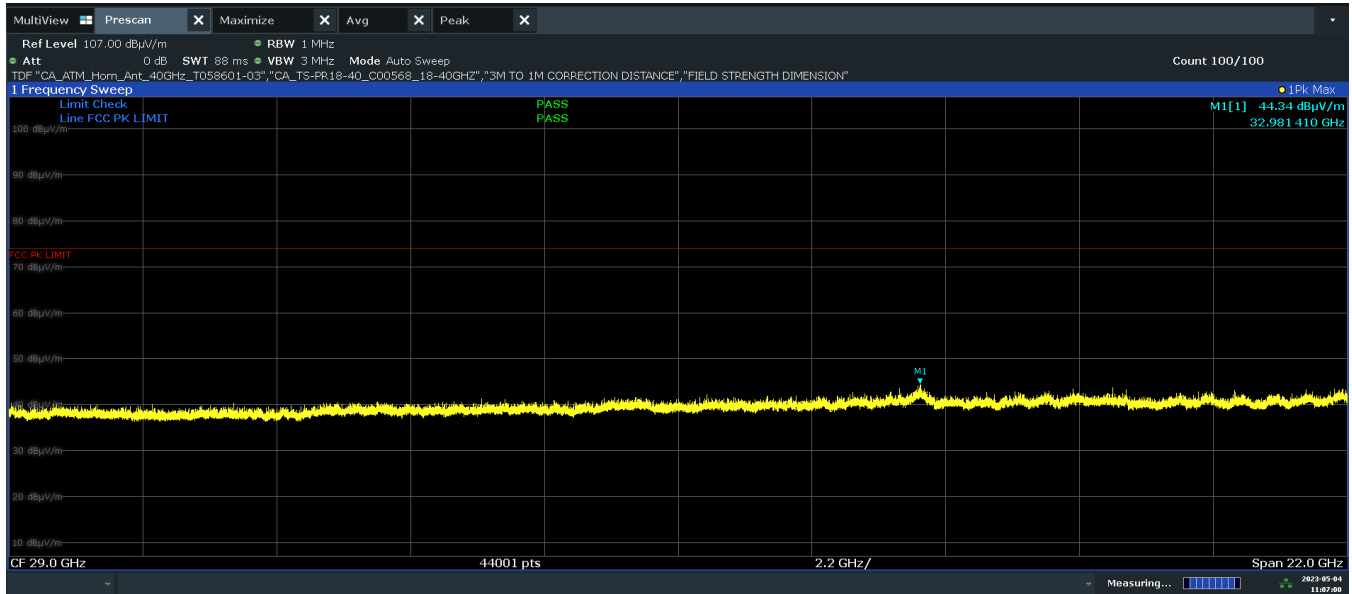


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Plot 7-392. RSE 18GHz – 40 GHz CDD (11ax Ch.56 — RU52, Pol. H)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 194 of 263

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Plot 7-393. RSE 18 GHz - 40GHz CDD (11ax Ch.56 — RU52, Pol. V)

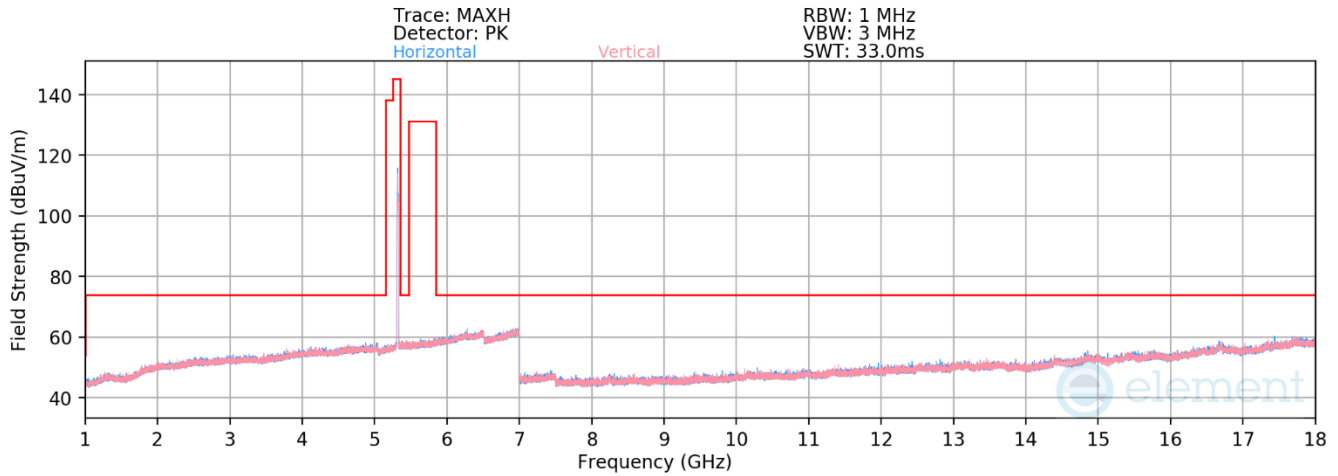
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 39
 Distance of Measurements: 3 Meters
 Operating Frequency: 5280MHz
 Channel: 56

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]
10000.00	Peak	V	167	261	-65.97	10.20	51.23	68.20	-16.97
10560.00	Peak	-	-	-	-69.20	11.14	48.94	68.20	-19.26
* 15840.00	Average	-	-	-	-82.77	14.82	39.05	53.98	-14.93
* 15840.00	Peak	-	-	-	-70.70	14.82	51.12	73.98	-22.86

Table 7-158. Radiated Measurements CDD (RU52)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 195 of 263

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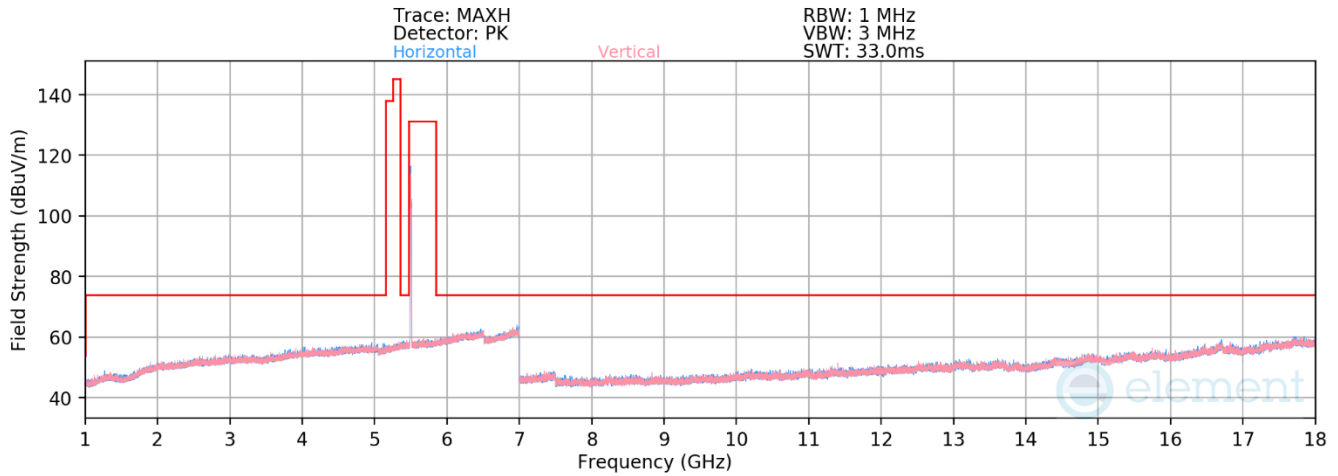
Plot 7-394. RSE above 1GHz CDD (11ax – Ch.64 – RU52)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 39
 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 [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 10640.00	Average	H	-	-	-83.79	12.36	35.57	53.98	-18.41
* 10640.00	Peak	H	-	-	-72.26	12.36	47.10	73.98	-26.88
* 15960.00	Average	H	-	-	-86.25	18.82	39.57	53.98	-14.40
* 15960.00	Peak	H	-	-	-75.41	18.82	50.41	73.98	-23.56

Table 7-159. Radiated Measurements CDD (RU52)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 196 of 263



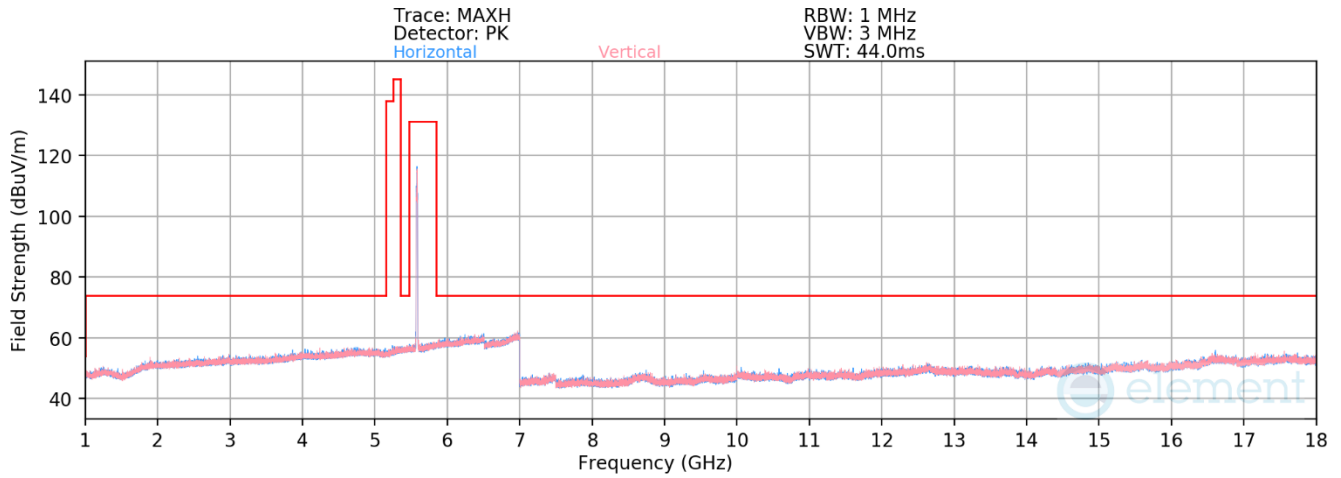
Plot 7-395. RSE above 1GHz CDD (11ax - Ch.100 - RU52)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 39
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

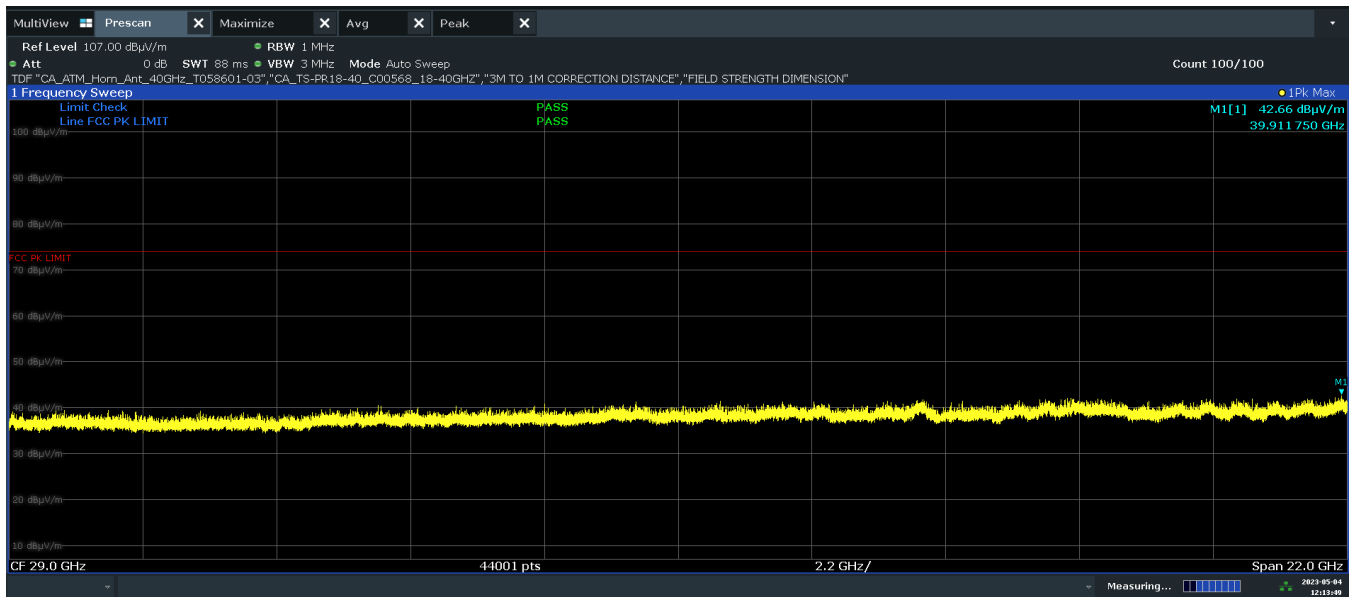
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11000.00	Average	H	-	-	-83.93	13.08	36.15	53.98	-17.83
* 11000.00	Peak	H	-	-	-72.61	13.08	47.47	73.98	-26.51
16500.00	Peak	H	-	-	-76.04	20.23	51.19	68.20	-17.01

Table 7-160. Radiated Measurements CDD (RU52)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 197 of 263

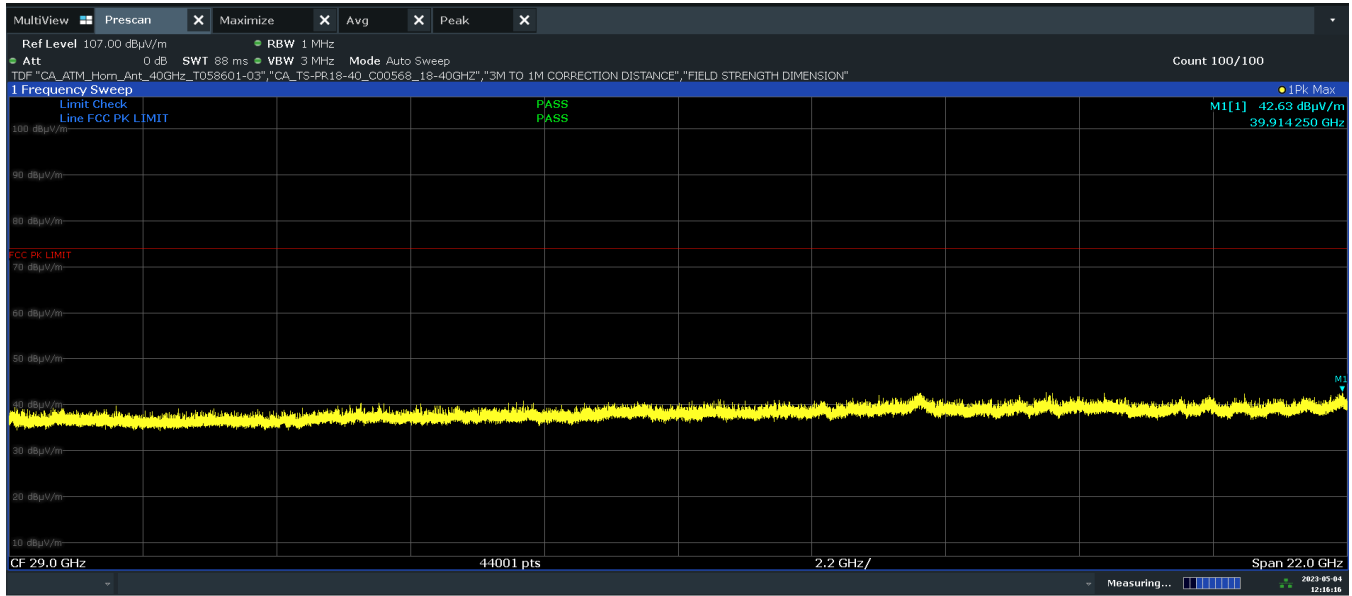


Plot 7-396. RSE above 1GHz CDD (11ax - Ch.116 - RU52)



Plot 7-397. RSE 18GHz - 40 GHz CDD (11ax Ch.116 - RU52, Pol. H)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 198 of 263



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Plot 7-398. RSE 18 GHz - 40GHz CDD (11ax Ch.116 — RU52, Pol. V)

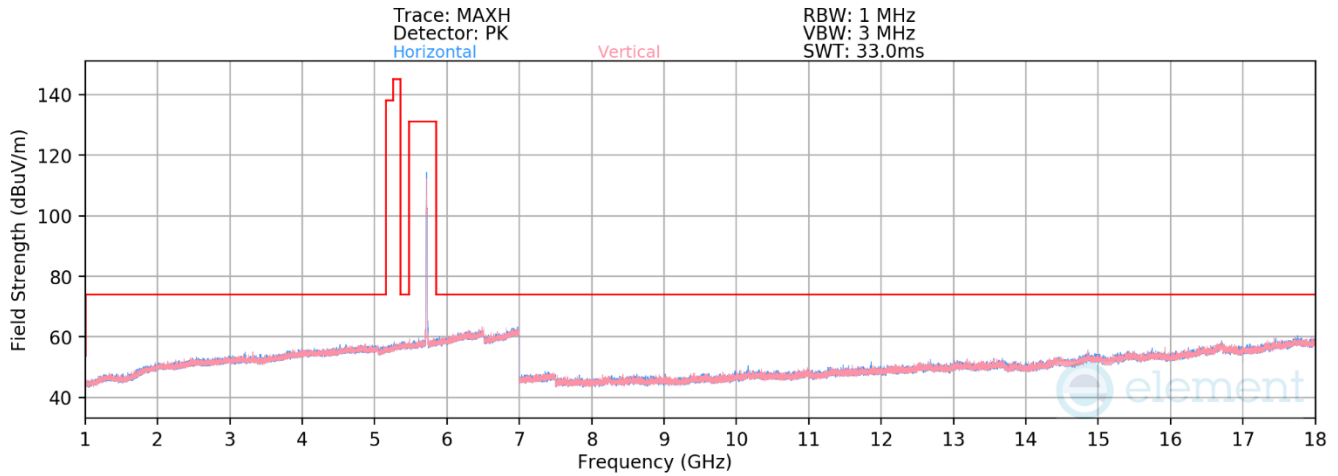
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 39
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

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]
10000.00	Peak	V	160	264	-66.72	10.20	50.48	68.20	-17.72
* 11160.00	Average	-	-	-	-82.04	11.08	36.04	53.98	-17.94
* 11160.00	Peak	-	-	-	-70.16	11.08	47.92	73.98	-26.06
16740.00	Peak	-	-	-	-71.34	17.39	53.05	68.20	-15.15

Table 7-161. Radiated Measurements CDD (RU52)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 199 of 263

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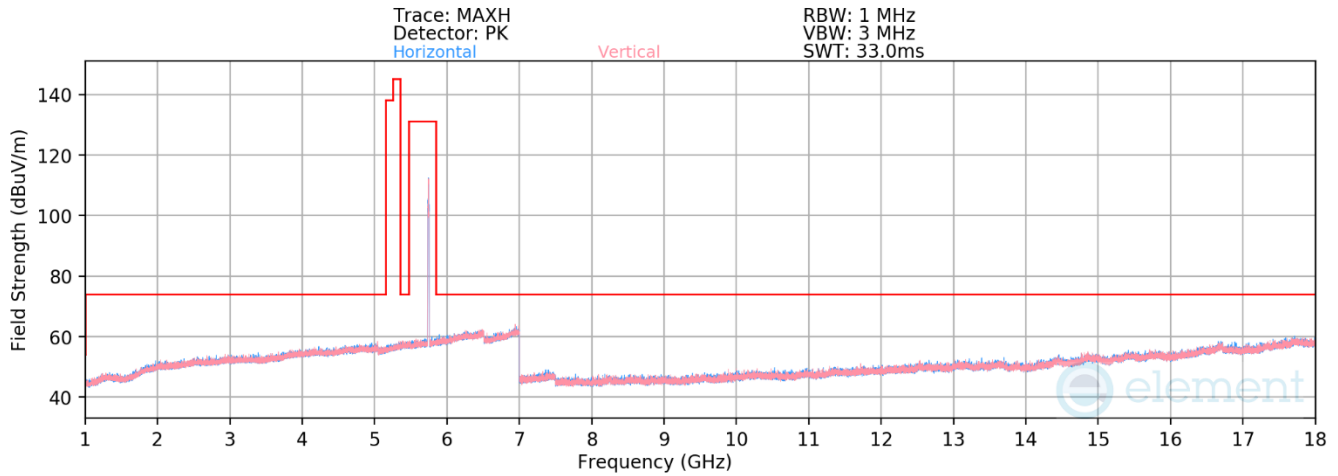
Plot 7-399. RSE above 1GHz CDD (11ax – Ch.144 – RU52)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 39
 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 [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11440.00	Average	H	-	-	-84.08	13.23	36.15	53.98	-17.83
* 11440.00	Peak	H	-	-	-72.73	13.23	47.50	73.98	-26.48
17160.00	Peak	H	-	-	-74.68	22.21	54.53	68.20	-13.67

Table 7-162. Radiated Measurements CDD (RU52)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 200 of 263



Plot 7-400. RSE above 1GHz CDD (11ax – Ch.149 – RU26)

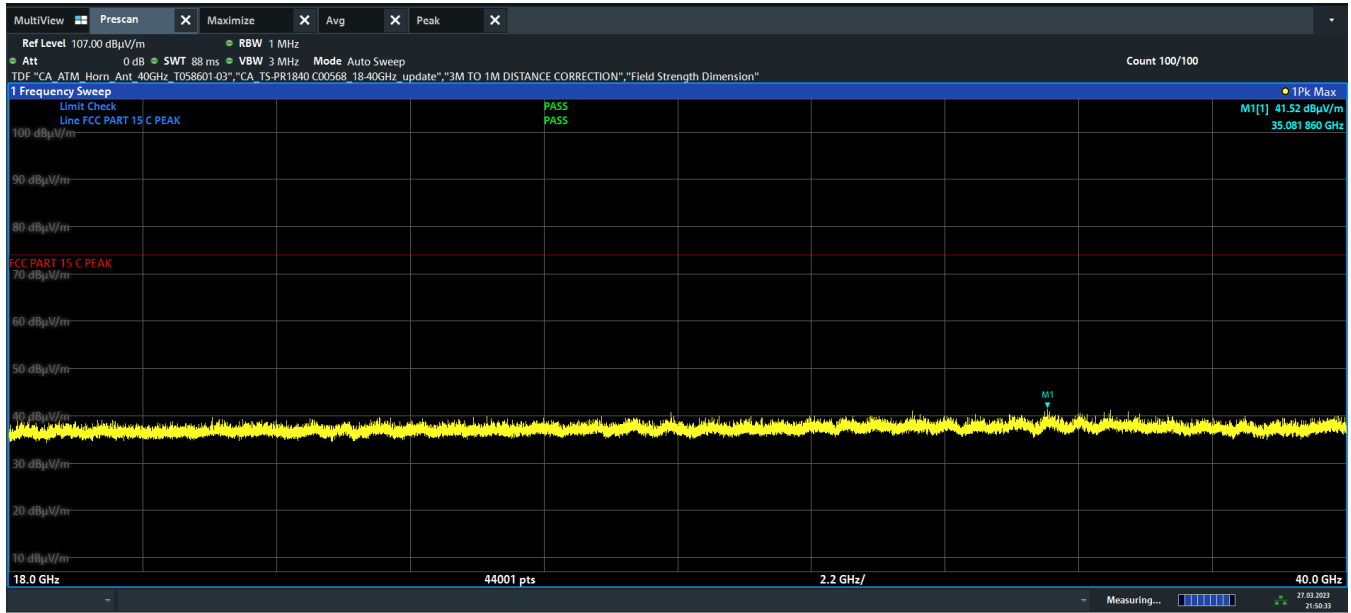


22:10:04 27_03_2023

Plot 7-401. RSE 18GHz – 40 GHz CDD (11ax Ch.149 — RU26, Pol. H)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 201 of 263

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21:50:34 27.03.2023

Plot 7-402. RSE 18 GHz - 40GHz CDD (11ax Ch.149 — RU26, Pol. V)

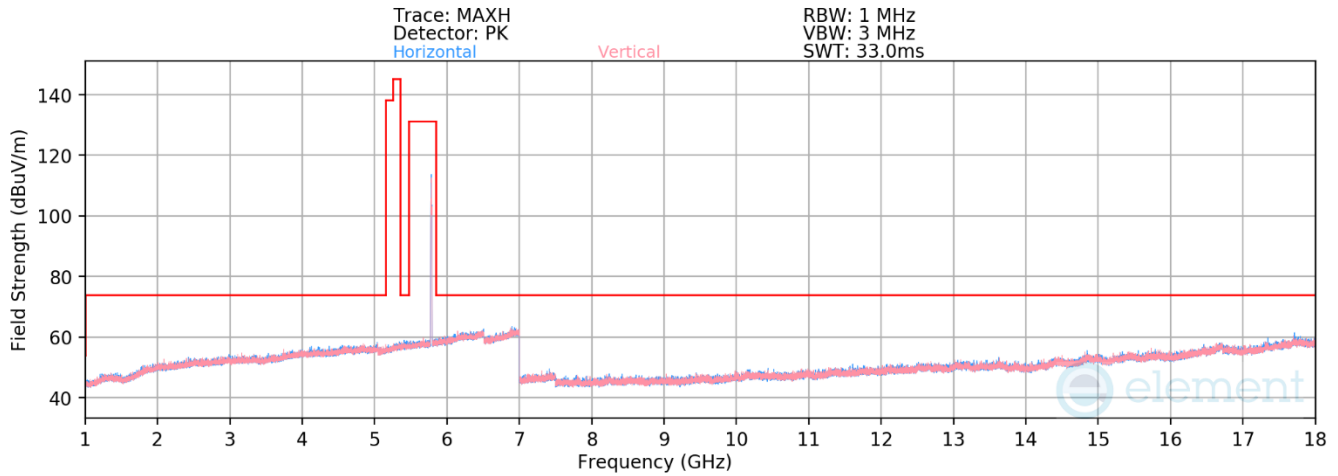
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149

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	H	-	-	-84.28	13.35	36.07	53.98	-17.91
* 11490.00	Peak	H	-	-	-72.27	13.35	48.08	73.98	-25.90
17235.00	Peak	H	-	-	-75.08	22.33	54.25	68.20	-13.95

Table 7-163. Radiated Measurements CDD (RU26)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 202 of 263

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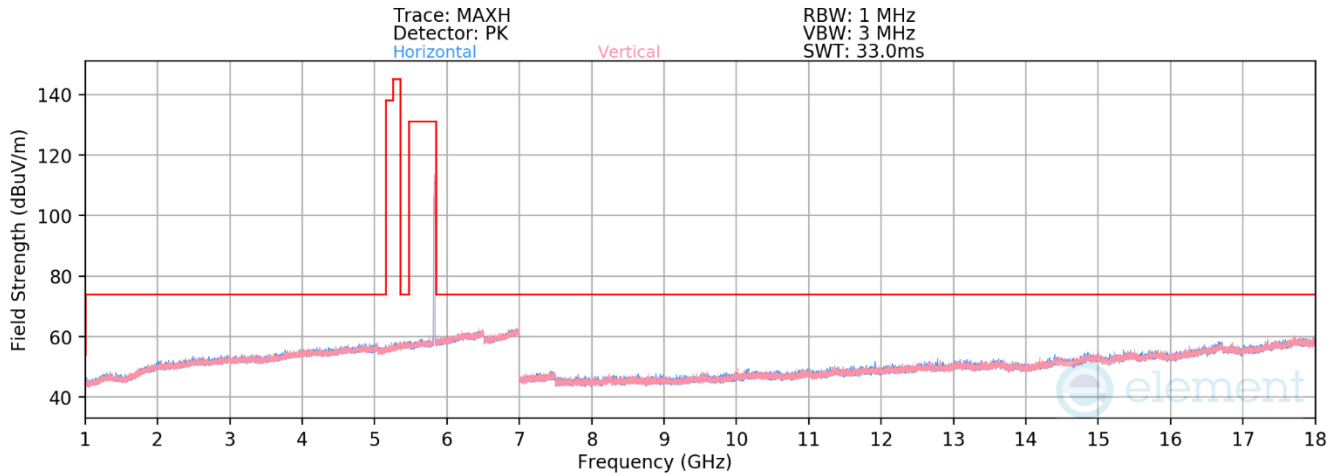
Plot 7-403. RSE above 1GHz CDD (11ax – Ch.157 – RU26)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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	-	-	-84.11	13.53	36.42	53.98	-17.56
* 11570.00	Peak	H	-	-	-73.57	13.53	46.96	73.98	-27.02
17355.00	Peak	H	-	-	-73.96	22.91	55.95	68.20	-12.25

Table 7-164. Radiated Measurements CDD (RU26)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 203 of 263



Plot 7-404. RSE above 1GHz CDD (11ax – Ch.165 – RU26)

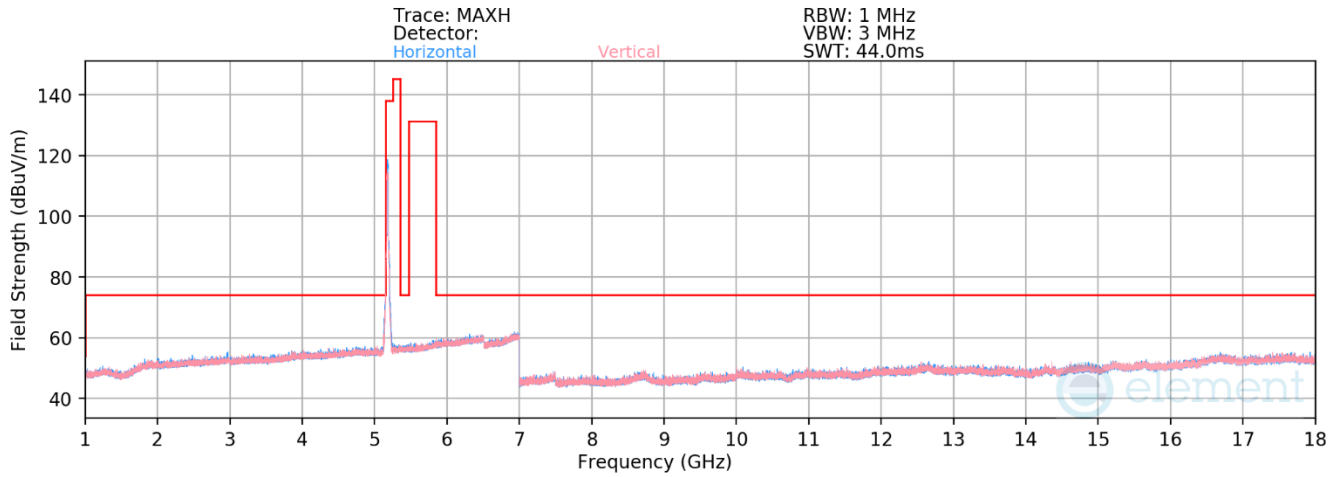
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

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	H	-	-	-84.33	13.52	36.19	53.98	-17.79
* 11650.00	Peak	H	-	-	-72.86	13.52	47.66	73.98	-26.32
17475.00	Peak	H	-	-	-74.58	23.62	56.04	68.20	-12.16

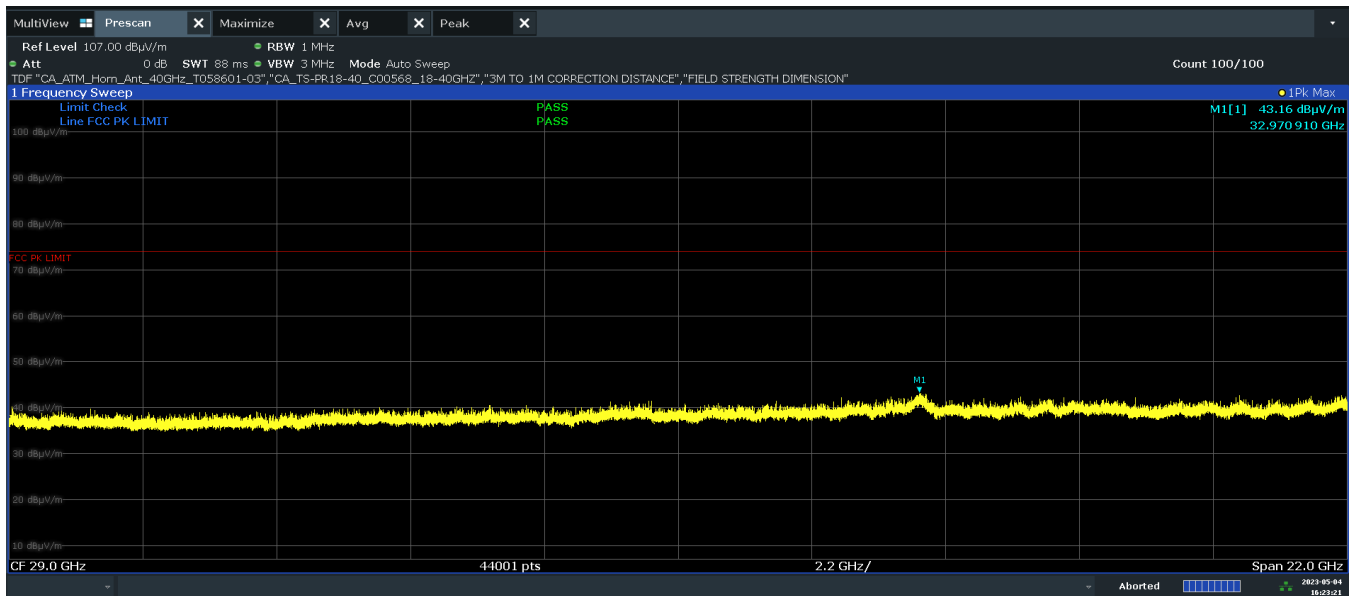
Table 7-165. Radiated Measurements CDD (RU26)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 204 of 263

RU242



Plot 7-405. RSE above 1GHz CDD (11ax – Ch.36 – RU242)

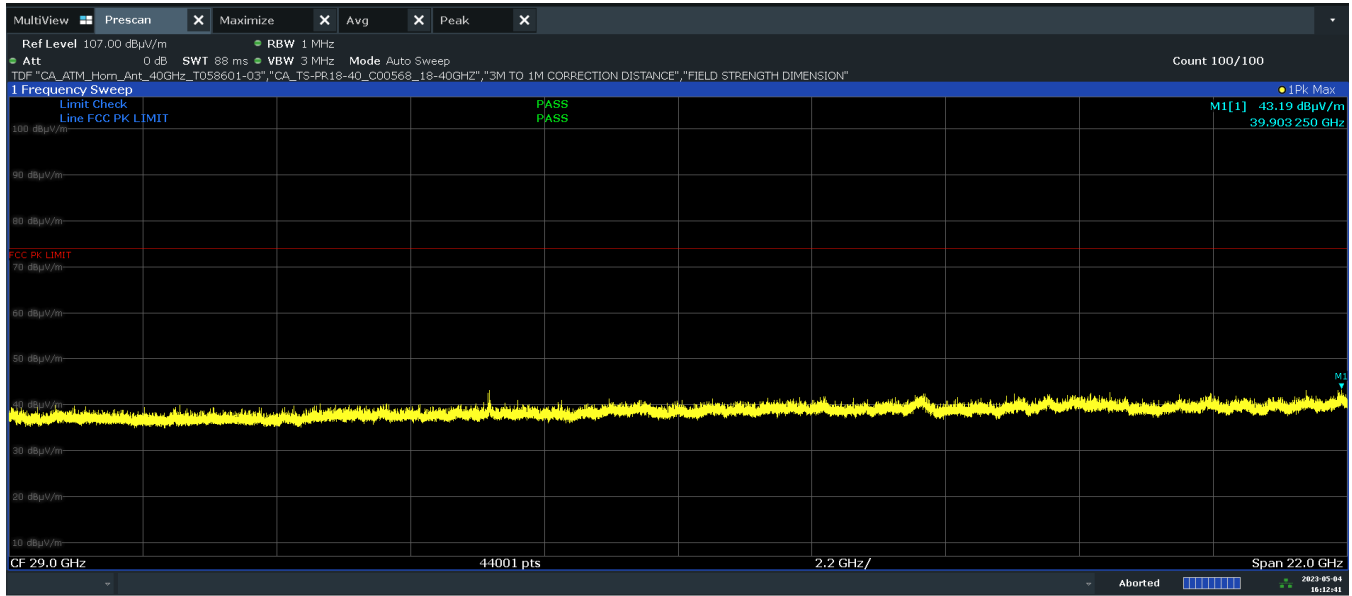


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Plot 7-406. RSE 18GHz – 40 GHz CDD (11ax Ch.36 — RU242, Pol. H)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 205 of 263

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Plot 7-407. RSE 18 GHz - 40GHz CDD (11ax Ch.36 — RU242, Pol. V)

Frequency [GHz]	Detector	Ant. Pol. [H/V]	Positioner [degree]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
25.90	Peak	H	22	221	-44.82	-5.61	-9.54	47.03	68.20	-21.17

Table 7-166.18-40GHz Radiated Measurements CDD (RU242)

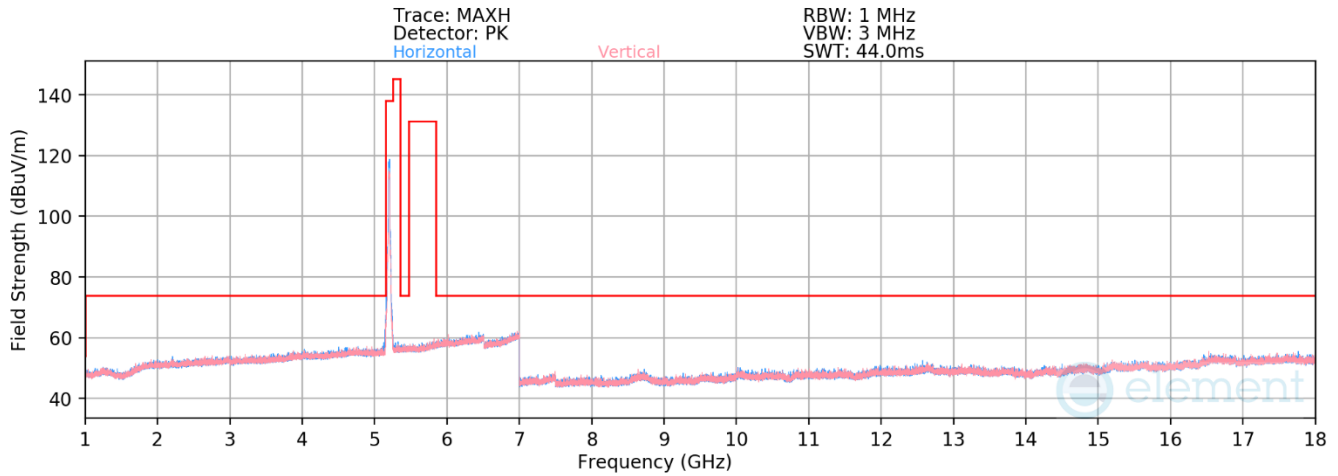
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36

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	H	167	206	-67.21	10.22	50.01	68.20	-18.19
* 15540.00	Average	H	-	-	-81.96	15.41	40.45	53.98	-13.53
* 15540.00	Peak	H	-	-	-70.76	15.41	51.65	73.98	-22.33

Table 7-167. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 206 of 263

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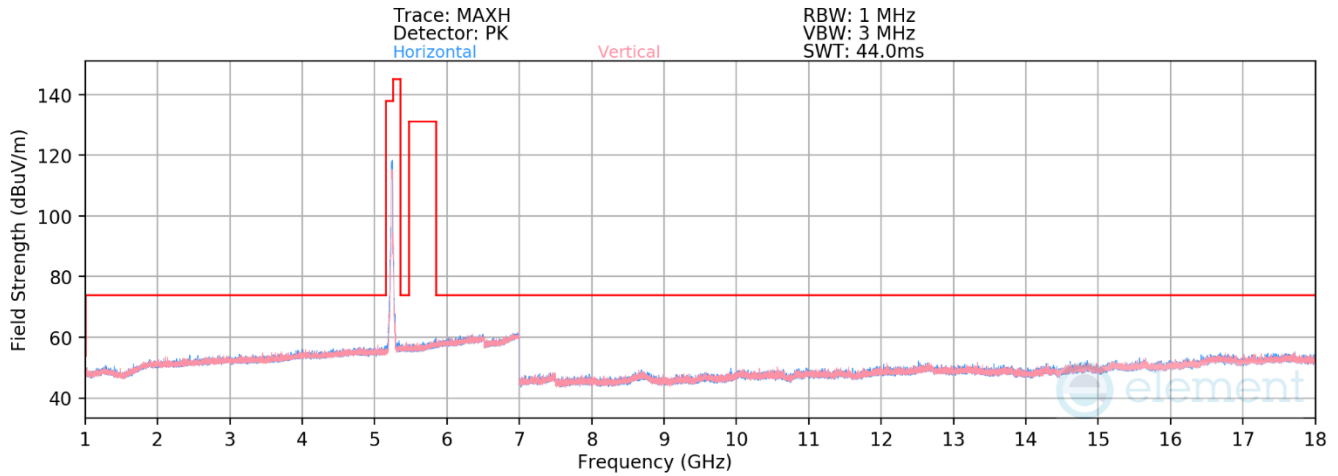
Plot 7-408. RSE above 1GHz CDD (11ax – Ch.40 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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	H	333	221	-68.73	10.36	48.63	68.20	-19.57
* 15600.00	Average	H	-	-	-81.75	15.92	41.17	53.98	-12.81
* 15600.00	Peak	H	-	-	-70.80	15.92	52.12	73.98	-21.86

Table 7-168. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 207 of 263



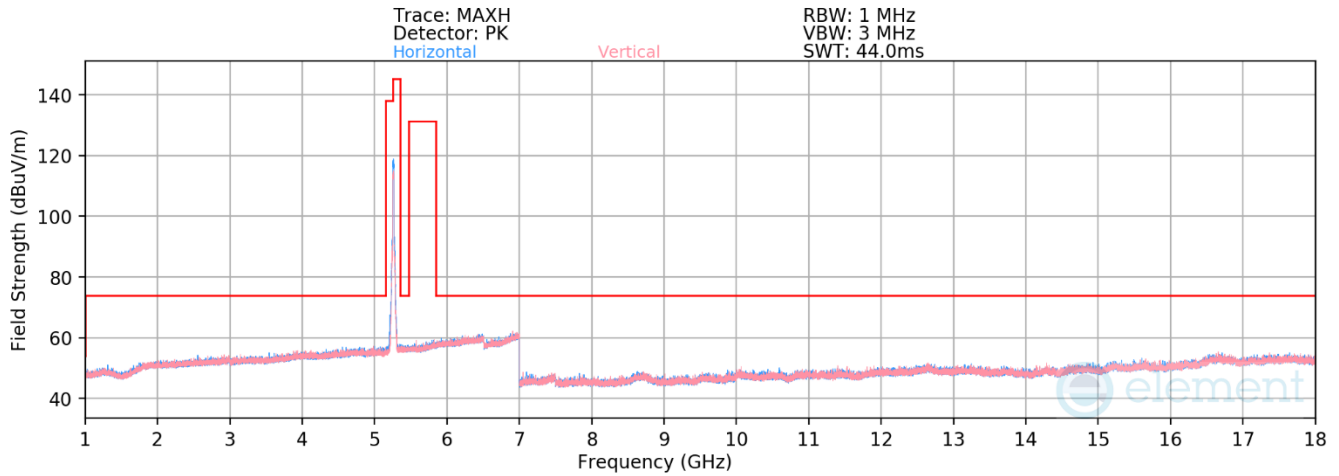
Plot 7-409. RSE above 1GHz CDD (11ax – Ch.48 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5240MHz
 Channel: 48

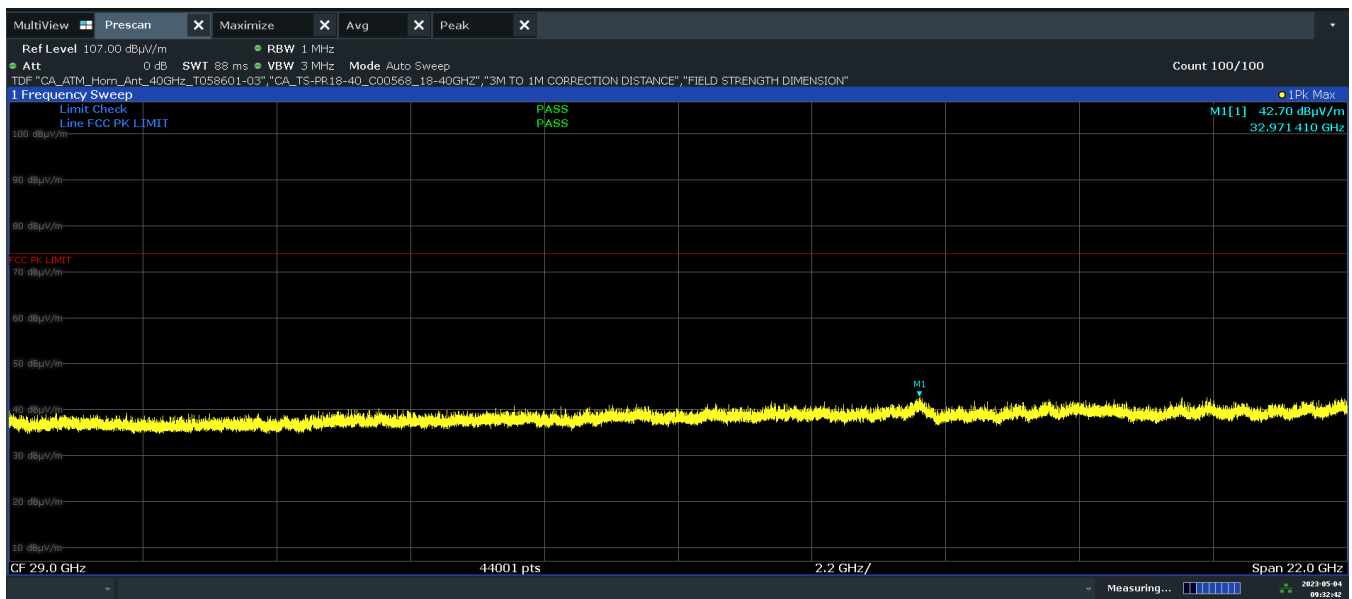
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	H	-	-	-69.13	11.00	48.87	68.20	-19.33
* 15720.00	Average	H	-	-	-82.76	15.19	39.43	53.98	-14.55
* 15720.00	Peak	H	-	-	-71.31	15.19	50.88	73.98	-23.10

Table 7-169. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 208 of 263

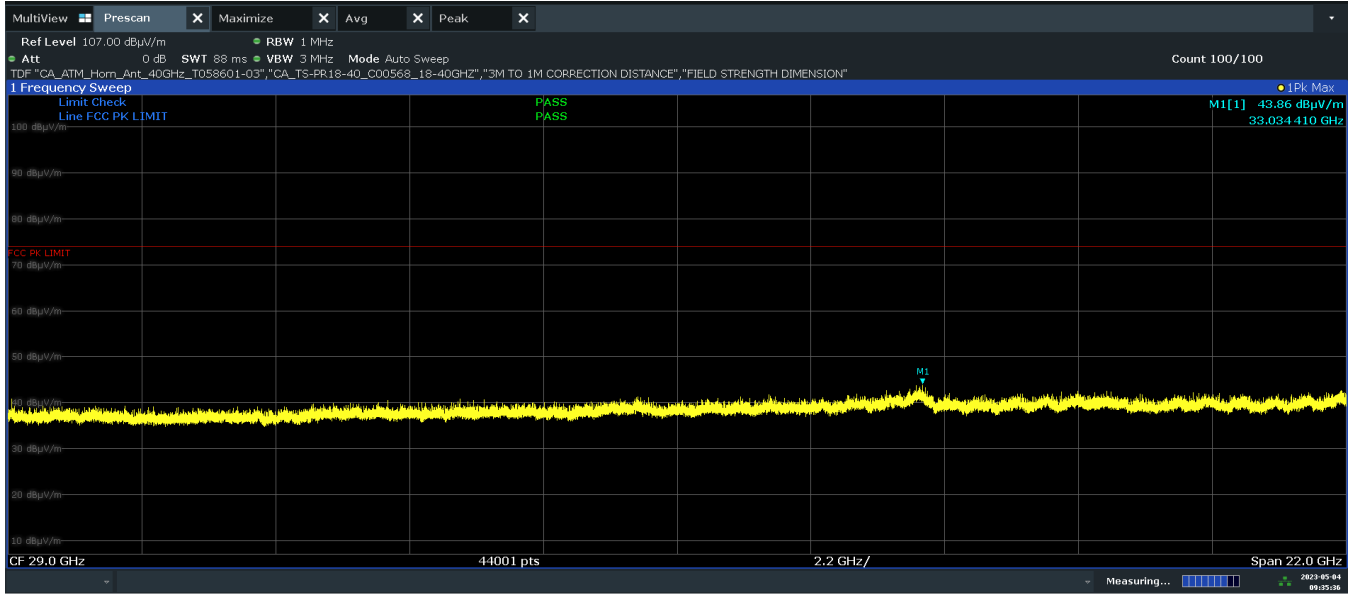


Plot 7-410. RSE above 1GHz CDD (11ax – Ch.52 – RU242)



Plot 7-411. RSE 18GHz – 40 GHz CDD (11ax Ch.52 — RU242, Pol. H)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 209 of 263



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Plot 7-412. RSE 18 GHz - 40GHz CDD (11ax Ch.52 — RU242, Pol. V)

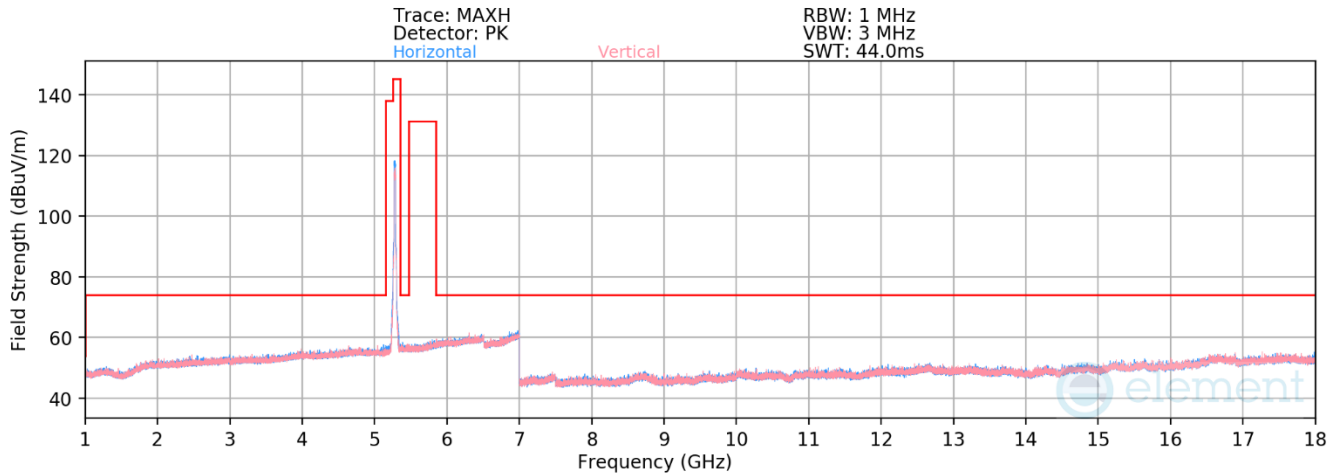
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5260MHz
 Channel: 52

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	264	196	-68.30	11.05	49.75	68.20	-18.45
* 15780.00	Average	H	-	-	-82.68	14.84	39.16	53.98	-14.82
* 15780.00	Peak	H	-	-	-70.17	14.84	51.67	73.98	-22.31

Table 7-170. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 210 of 263

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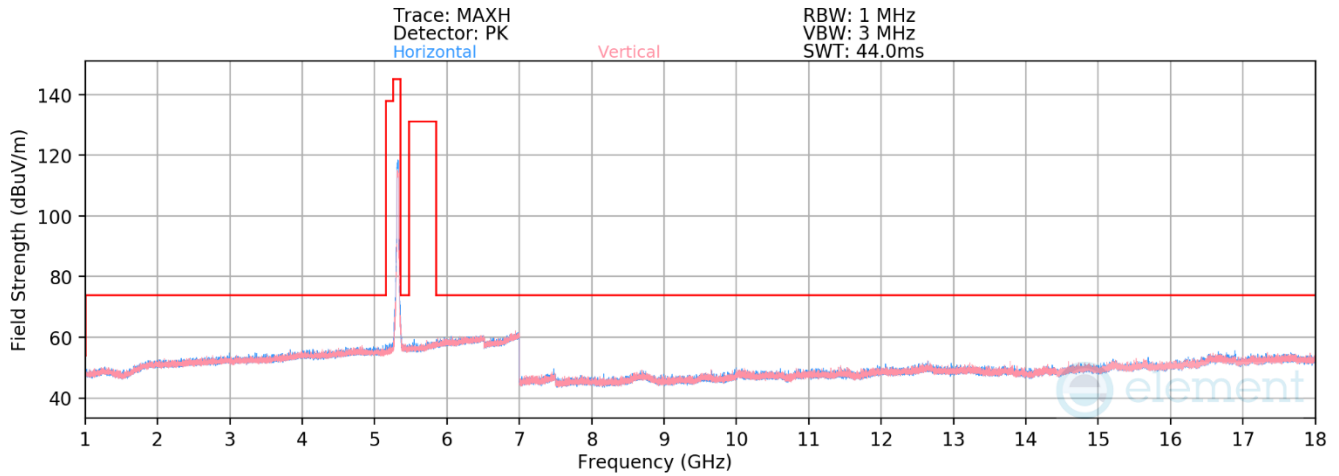
Plot 7-413. RSE above 1GHz CDD (11ax – Ch.56 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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	-	-	-70.42	11.14	47.72	68.20	-20.48
* 15840.00	Average	H	-	-	-82.68	14.82	39.14	53.98	-14.84
* 15840.00	Peak	H	-	-	-70.48	14.82	51.34	73.98	-22.64

Table 7-171. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 211 of 263



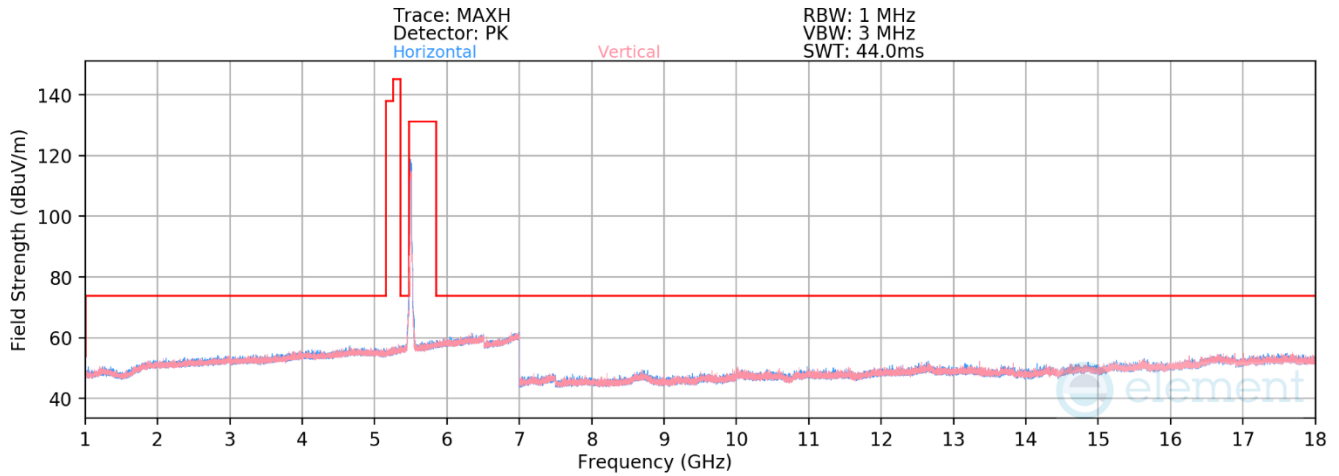
Plot 7-414. RSE above 1GHz CDD (11ax – Ch.64 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 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	-	-	-81.40	10.96	36.56	53.98	-17.42
* 10640.00	Peak	H	-	-	-69.27	10.96	48.69	73.98	-25.29
* 15960.00	Average	H	-	-	-82.89	14.72	38.83	53.98	-15.15
* 15960.00	Peak	H	-	-	-70.31	14.72	51.41	73.98	-22.57

Table 7-172. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 212 of 263



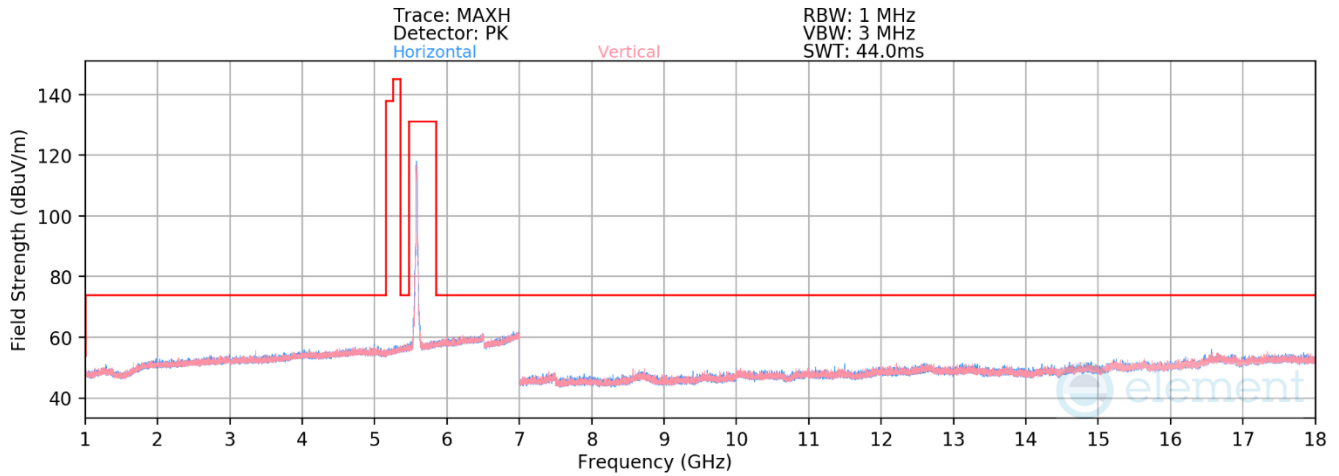
Plot 7-415. RSE above 1GHz CDD (11ax – Ch.100 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

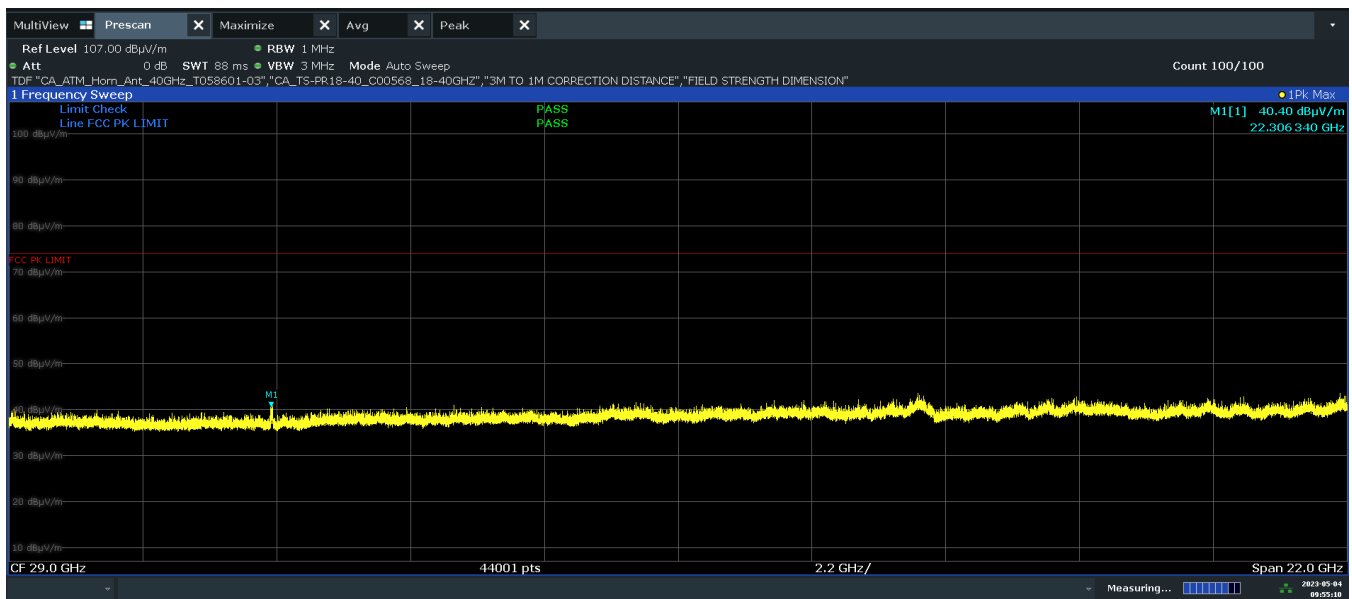
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	H	-	-	-82.44	11.54	36.10	53.98	-17.88
* 11000.00	Peak	H	-	-	-59.87	11.54	58.67	73.98	-15.31
16500.00	Peak	H	-	-	-71.02	16.37	52.35	68.20	-15.85

Table 7-173. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 213 of 263

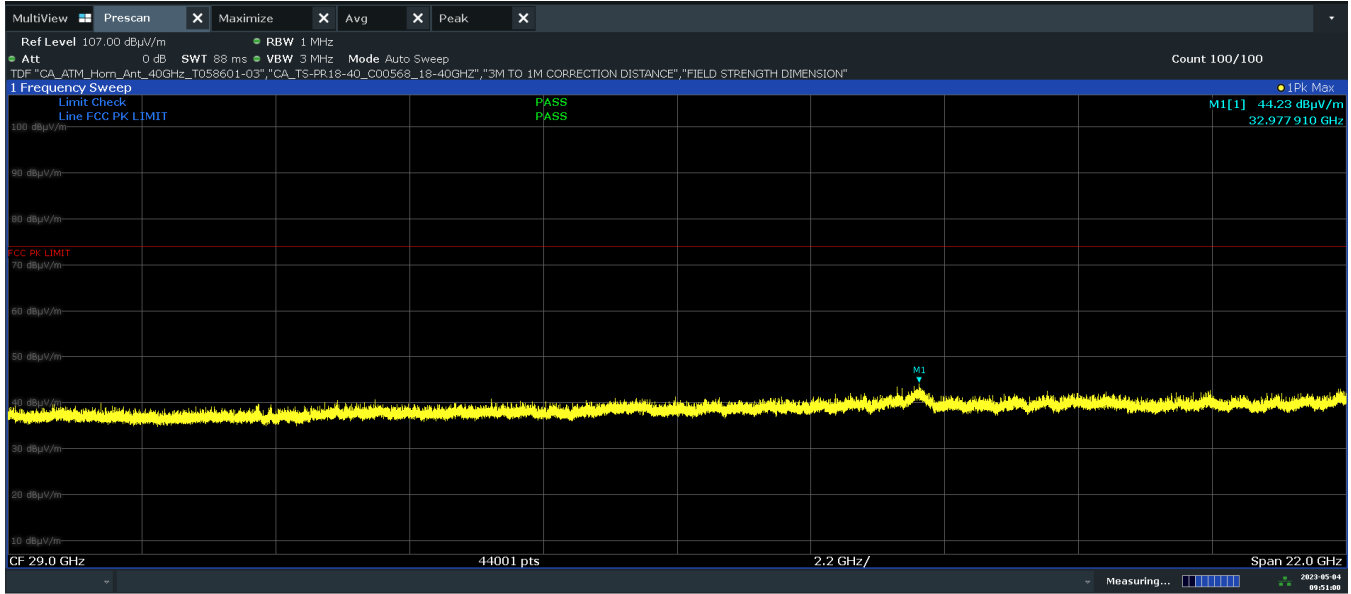


Plot 7-416. RSE above 1GHz CDD (11ax – Ch.116 – RU242)



Plot 7-417. RSE 18GHz – 40 GHz CDD (11ax Ch.116 — RU242, Pol. H)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 214 of 263



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Plot 7-418. RSE 18 GHz - 40GHz CDD (11ax Ch.116 — RU242, Pol. V)

Frequency [GHz]	Detector	Ant. Pol. [H/V]	Positioner [degree]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Duty Cycle Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 22.32	Average	H	0	100	-59.14	-7.24	-9.54	0.54	31.62	53.98	-22.36
* 22.32	Peak	H	0	100	-44.66	-7.24	-9.54	0.00	45.56	73.98	-28.42

Table 7-174.18-40GHz Radiated Measurements CDD (RU242)

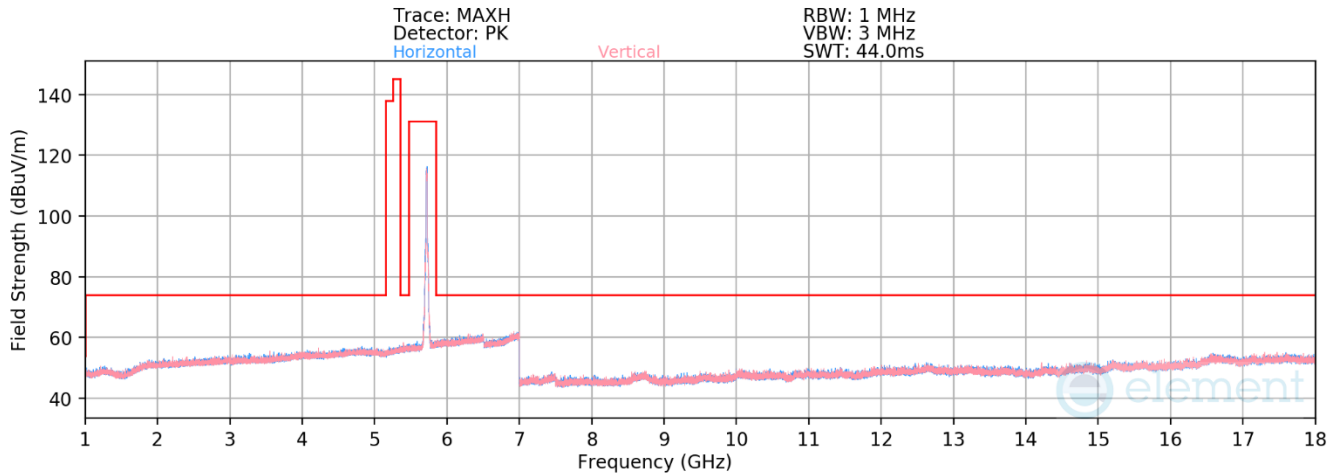
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

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	H	-	-	-81.70	11.08	36.38	53.98	-17.60
* 11160.00	Peak	H	-	-	-70.10	11.08	47.98	73.98	-26.00
16740.00	Peak	H	-	-	-70.59	17.39	53.80	68.20	-14.40

Table 7-175. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 215 of 263

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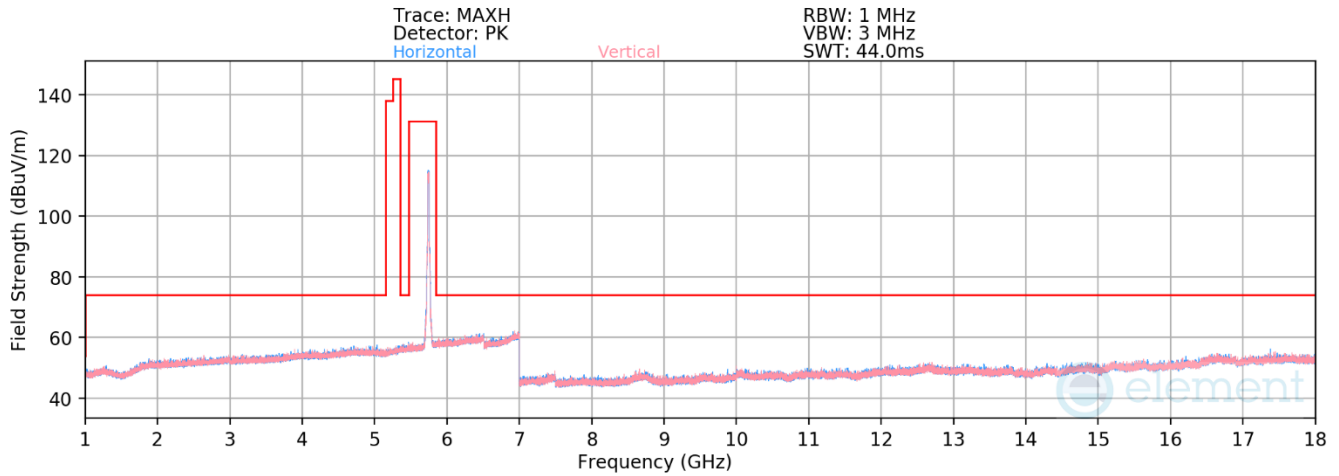
Plot 7-419. RSE above 1GHz CDD (11ax – Ch.144 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5720MHz
 Channel: 144

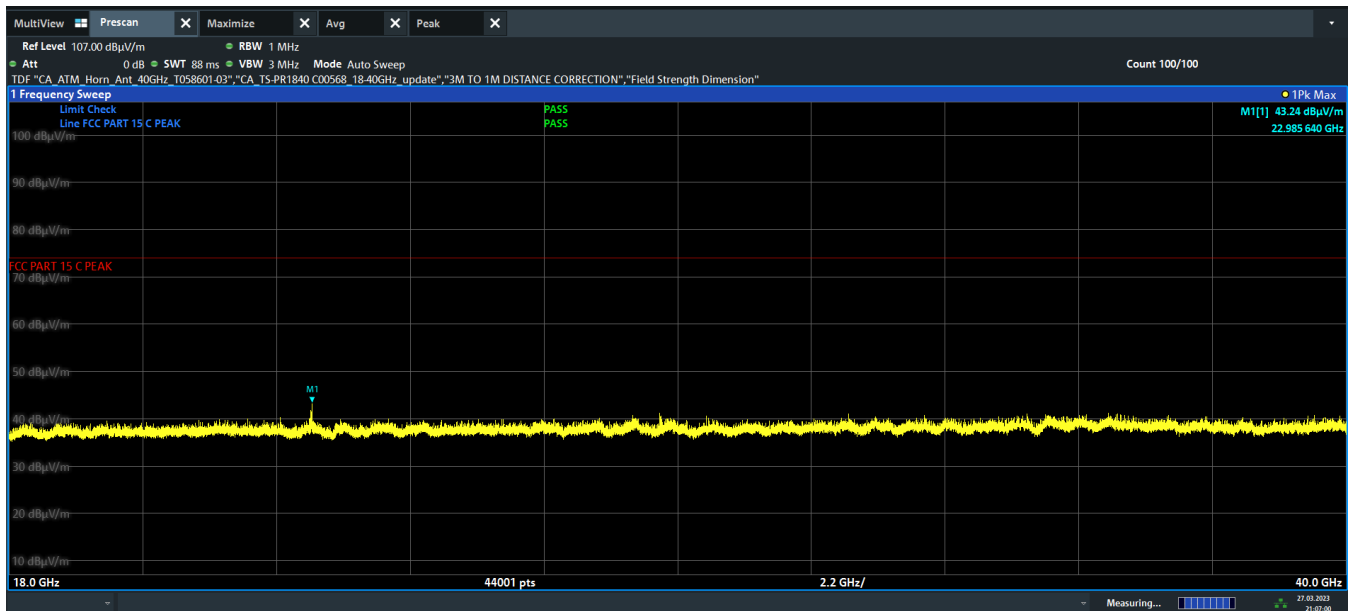
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 11440.00	Average	H	-	-	-81.66	11.77	37.11	53.98	-16.87
* 11440.00	Peak	H	-	-	-69.83	11.77	48.94	73.98	-25.04
17160.00	Peak	H	-	-	-70.99	18.09	54.10	68.20	-14.10

Table 7-176. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 216 of 263



Plot 7-420. RSE above 1GHz CDD (11ax – Ch.149 – RU242)

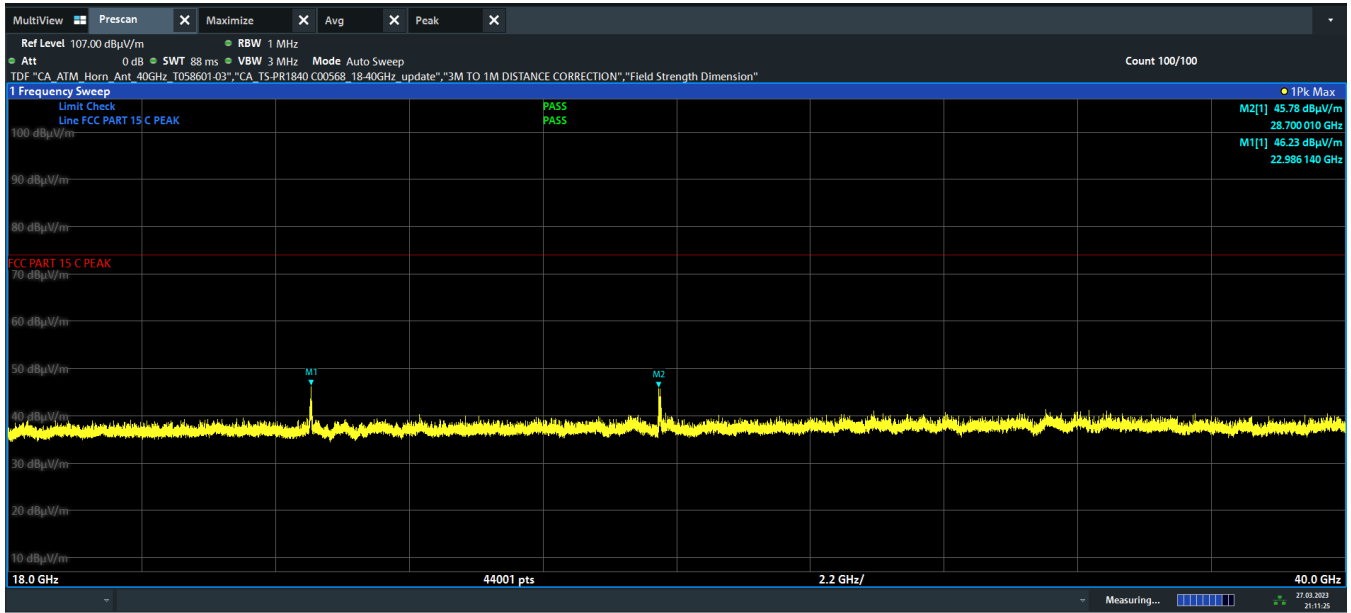


21:07:00 27.03.2023

Plot 7-421. RSE 18GHz – 40 GHz CDD (11ax Ch.149 — RU242, Pol. H)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 217 of 263

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Plot 7-422. RSE 18 GHz - 40GHz CDD (11ax Ch.149 — RU242, Pol. V)

Frequency [GHz]	Detector	Ant. Pol. [H/V]	Positioner [degree]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Duty Cycle Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 22.98	Average	V	351	269	-57.60	-6.81	-9.54	0.54	33.59	53.98	-20.39
* 22.98	Peak	V	351	269	-43.02	-6.81	-9.54	0.00	47.63	73.98	-26.35
28.70	Peak	V	7	217	-44.47	-4.60	-9.54	0.00	48.39	68.20	-19.81

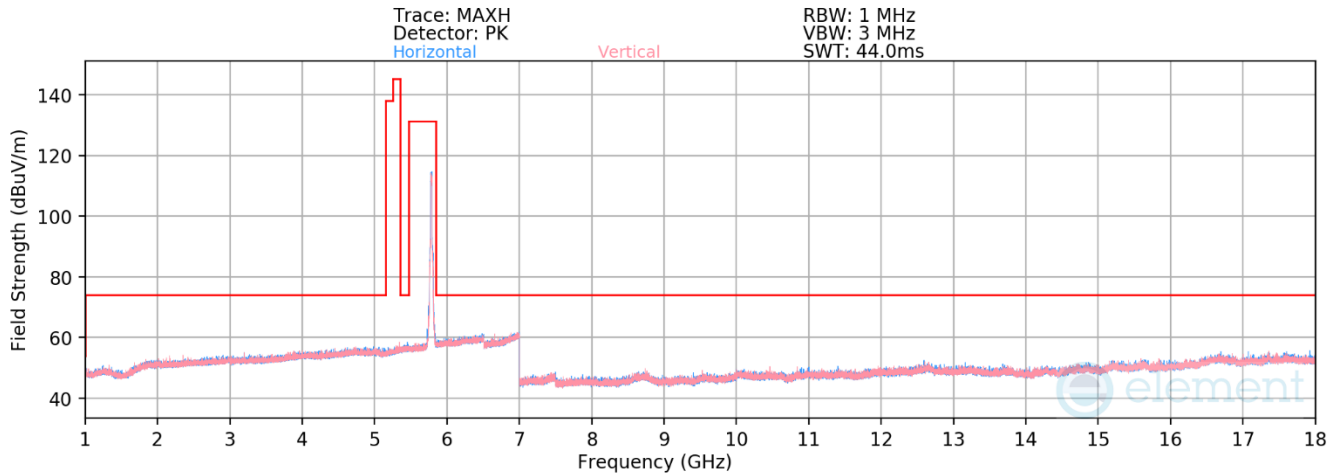
Table 7-177.18-40GHz Radiated Measurements CDD (RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 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	H	-	-	-81.80	11.66	36.86	53.98	-17.12
* 11490.00	Peak	H	-	-	-69.15	11.66	49.51	73.98	-24.47
17235.00	Peak	H	-	-	-69.87	17.88	55.01	68.20	-13.19

Table 7-178. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 218 of 263



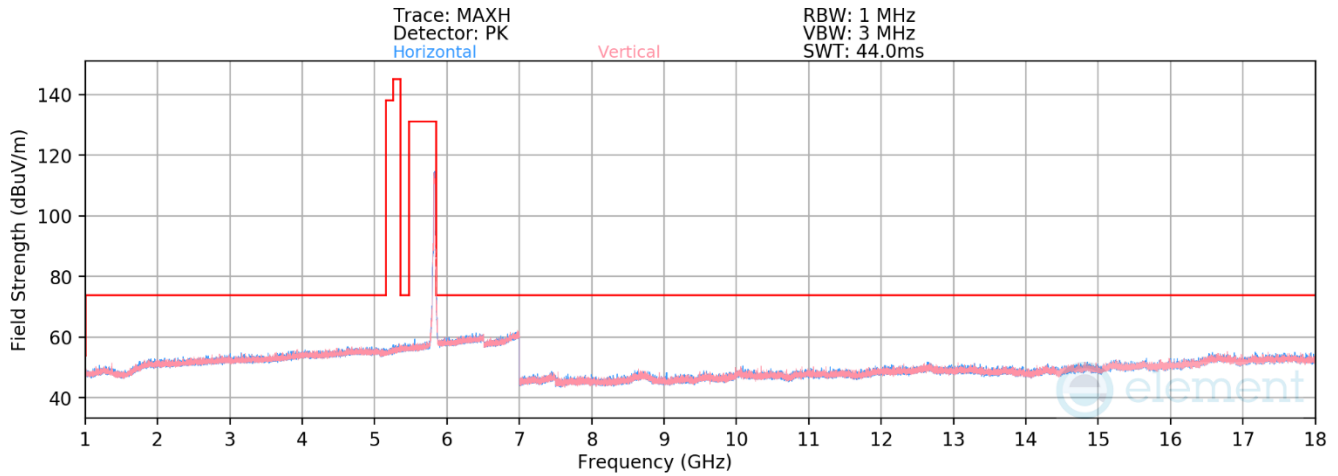
Plot 7-423. RSE above 1GHz CDD (11ax – Ch.157 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 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	-	-	-82.54	11.75	36.21	53.98	-17.77
* 11570.00	Peak	H	-	-	-70.20	11.75	48.55	73.98	-25.43
17355.00	Peak	H	-	-	-70.64	17.86	54.22	68.20	-13.98

Table 7-179. Radiated Measurements CDD (RU242)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 219 of 263



Plot 7-424. RSE above 1GHz CDD (11ax – Ch.165 – RU242)

Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

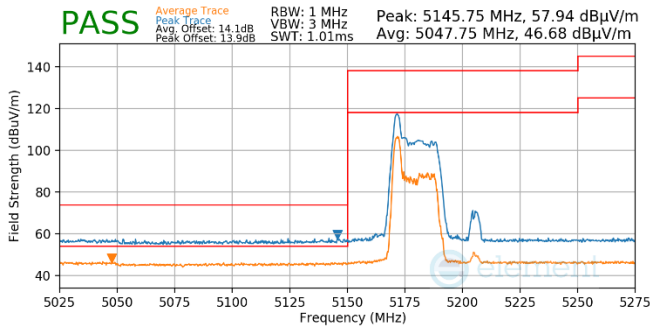
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	H	-	-	-81.25	11.78	37.53	53.98	-16.45
* 11650.00	Peak	H	-	-	-69.75	11.78	49.03	73.98	-24.95
17475.00	Peak	H	-	-	-70.32	17.95	54.63	68.20	-13.57

Table 7-180. Radiated Measurements CDD (RU242)

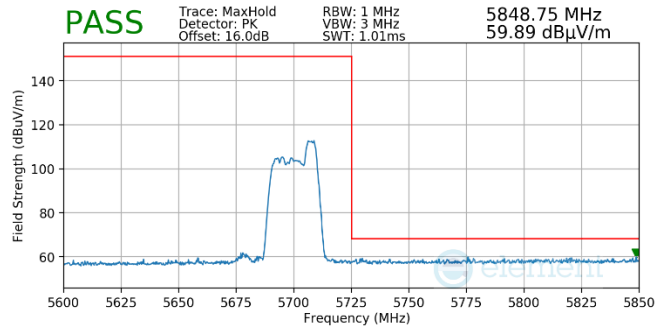
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-06.BCG	Test Dates: 2/20/2023 - 5/9/2023	EUT Type: Head Mounted Device	Page 220 of 263

7.6.4 Ant 1 Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

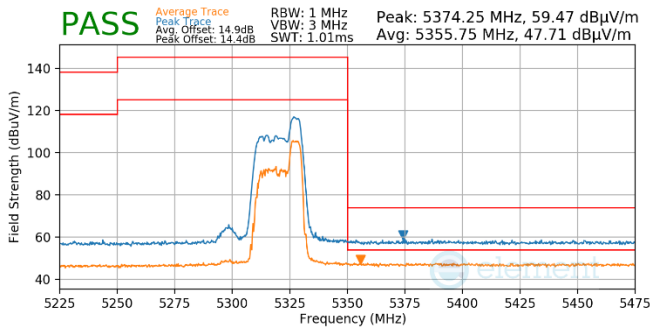
RU26/RU52



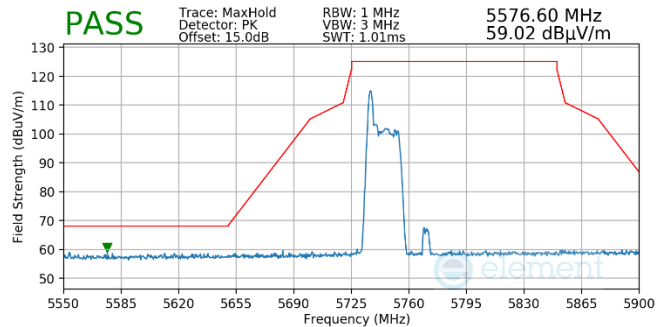
Plot 7-425. Ant 1 (Pk & Avg, RU26, Index 0, Ch.36, MCS11)



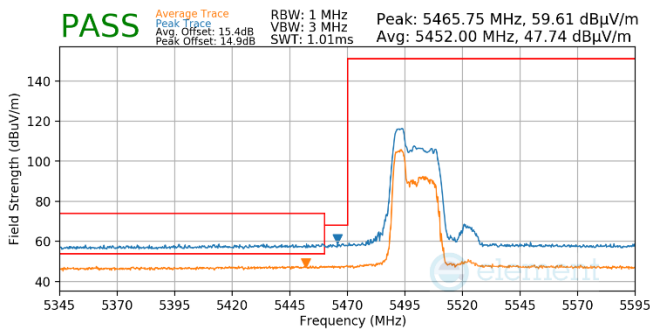
Plot 7-428. Ant 1 (Pk & Avg, RU26, Index 8, Ch.140, MCS11)



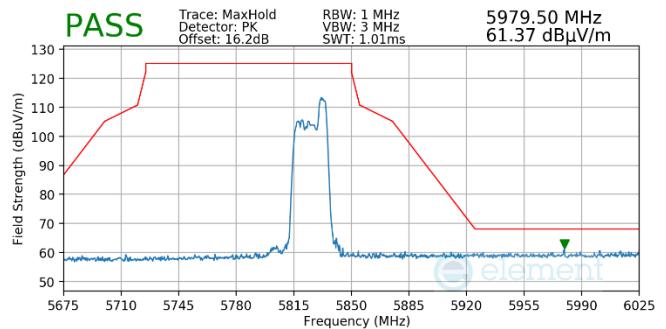
Plot 7-426. Ant 1 (Pk & Avg, RU52, Index 40, Ch.64, MCS11)



Plot 7-429. Ant 1 (Pk, RU26, Index 0, Ch.149, MCS11)



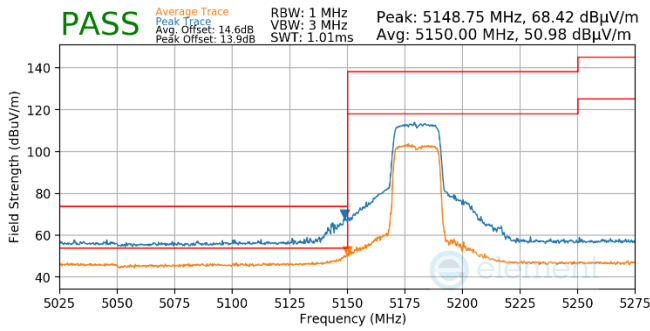
Plot 7-427. Ant 1 (Pk & Avg, RU52, Index 37, Ch.100, MCS11)



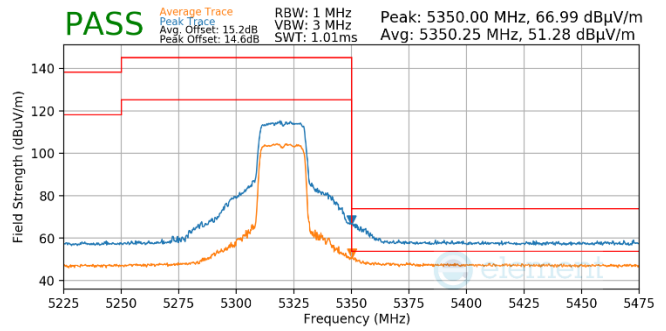
Plot 7-430. Ant 1 (Pk, RU26, Index 8, Ch.165, MCS11)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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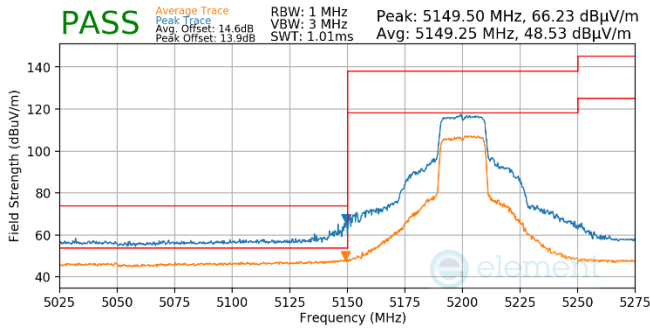
RU242



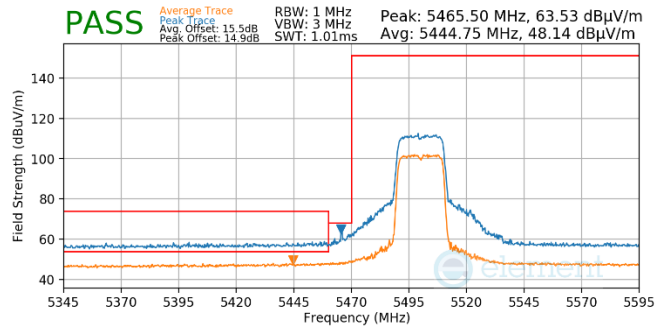
Plot 7-431. Ant 1 (Pk & Avg, RU242, Index 61, Ch.36, MCS11)



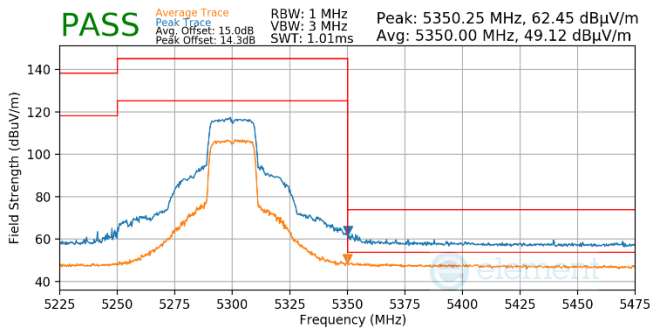
Plot 7-434. Ant 1 (Pk & Avg, RU242, Index 61, Ch.64, MCS11)



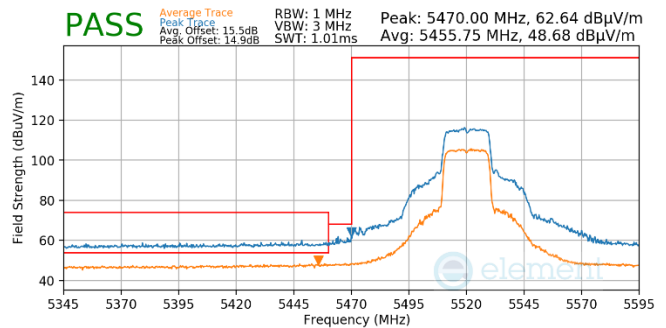
Plot 7-432. Ant 1 (Pk & Avg, RU242, Index 61, Ch.40, MCS11)



Plot 7-435. Ant 1 (Pk & Avg, RU242, Index 61, Ch.100, MCS11)

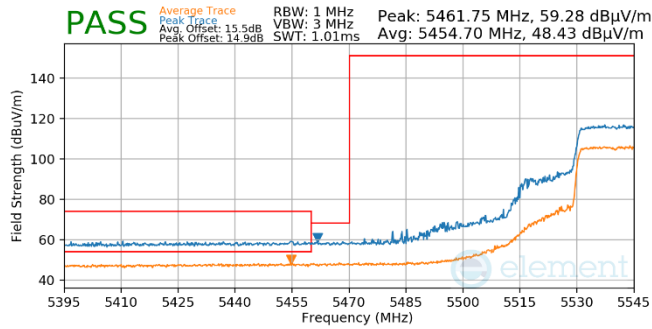


Plot 7-433. Ant 1 (Pk & Avg, RU242, Index 61, Ch.60, MCS11)

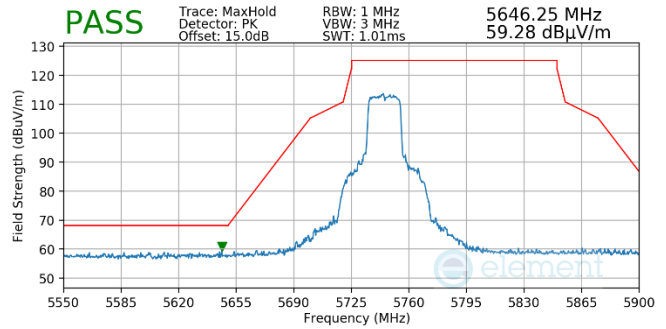


Plot 7-436. Ant 1 (Pk & Avg, RU242, Index 61, Ch.104, MCS11)

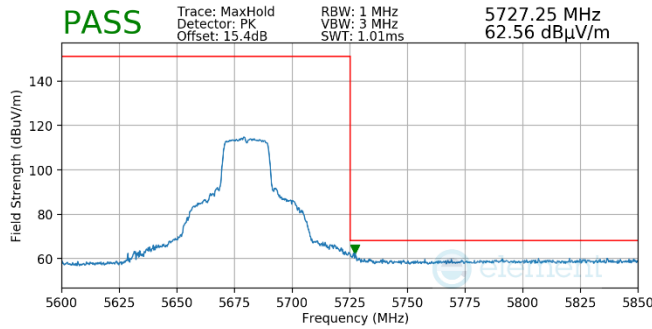
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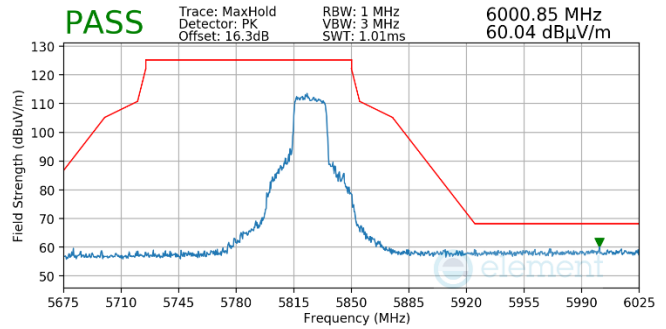
Plot 7-437. Ant 1 (Pk & Avg, RU242, Index 61, Ch.108, MCS11)



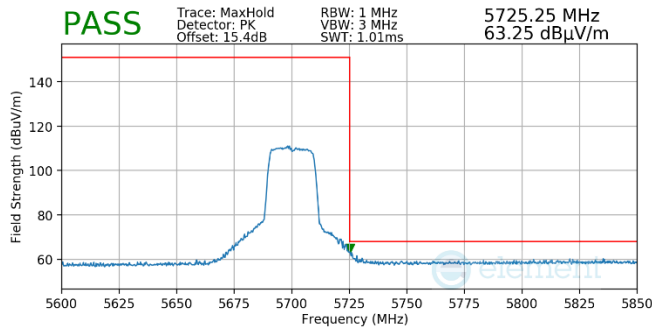
Plot 7-440. Ant 1 (Pk, RU242, Index 61, Ch.149, MCS11)




Plot 7-438. Ant 1 (Pk, RU242, Index 61, Ch.136, MCS11)



Plot 7-441. Ant 1 (Pk, RU242, Index 61, Ch.165, MCS11)



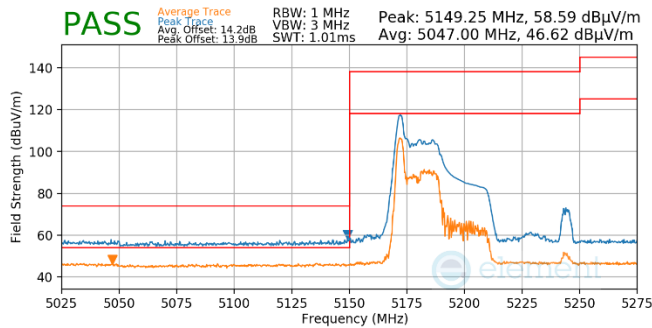
Plot 7-439. Ant 1 (Pk, RU242, Index 61, Ch.140, MCS11)

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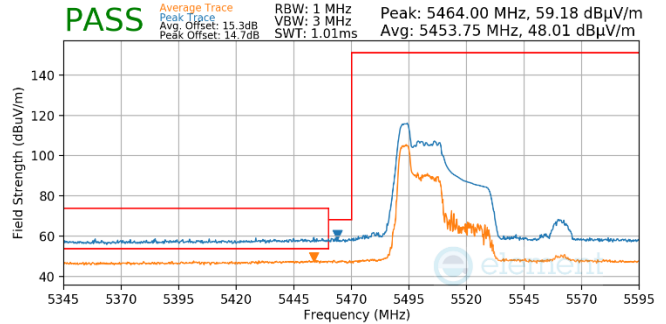
7.6.6 Ant 1 Radiated Band Edge Measurements (40MHz BW)

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

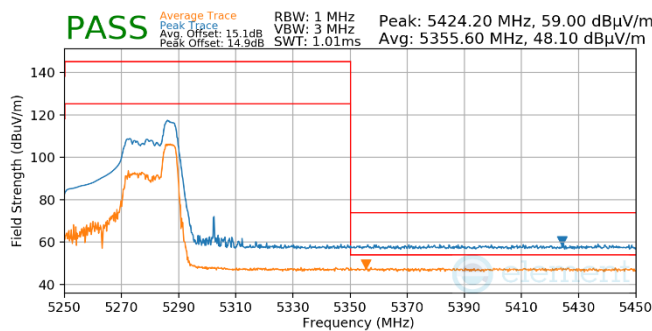
RU26/RU52



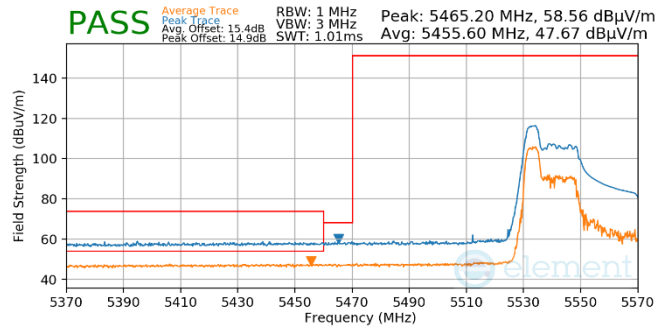
Plot 7-442. Ant 1 (Pk & Avg, RU26, Index 0, Ch.38, MCS11)



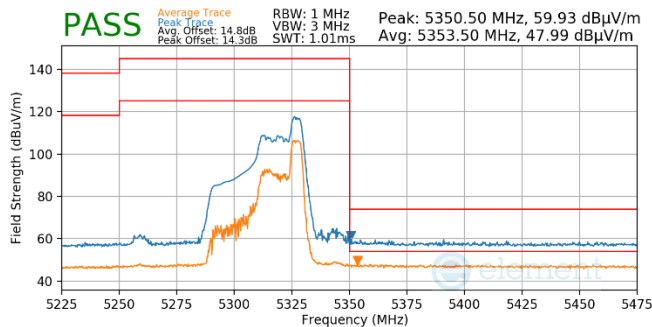
Plot 7-445. Ant 1 (Pk & Avg, RU52, Index 37, Ch.102, MCS11)



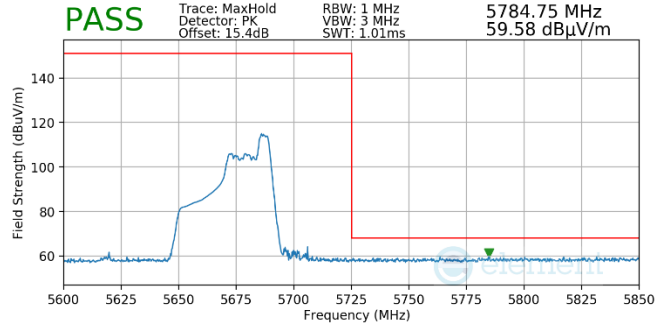
Plot 7-443. Ant 1 (Pk & Avg, RU52, Index 44, Ch.54, MCS11)



Plot 7-446. Ant 1 (Pk & Avg, RU52, Index 37, Ch.110, MCS11)

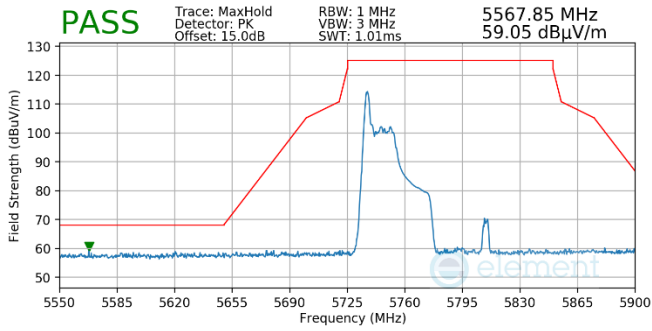


Plot 7-444. Ant 1 (Pk & Avg, RU52, Index 44, Ch.62, MCS11)

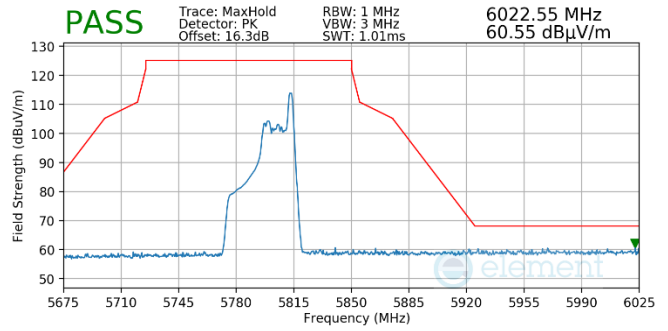


Plot 7-447. Ant 1 (Pk & Avg, RU52, Index 44, Ch.134, MCS11)

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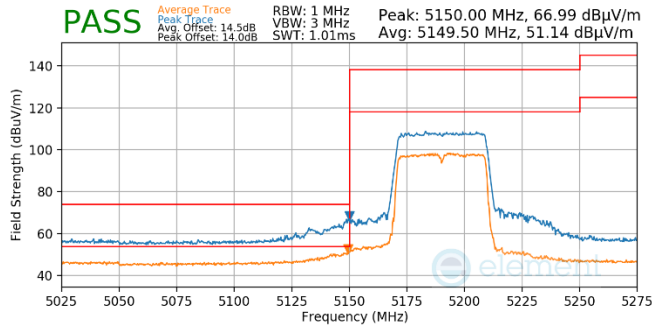
Plot 7-448. Ant 1 (Pk, RU26, Index 0, Ch.151, MCS11)



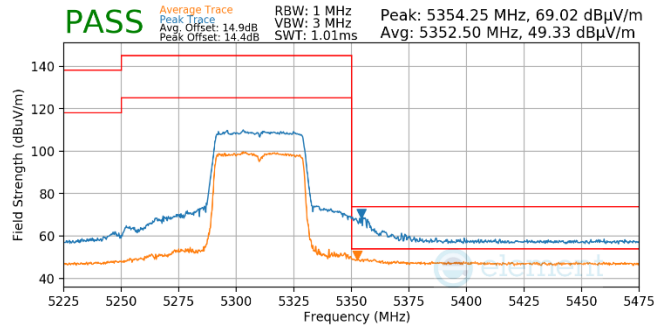
Plot 7-449. Ant 1 (Pk, RU26, Index 17, Ch.159, MCS11)

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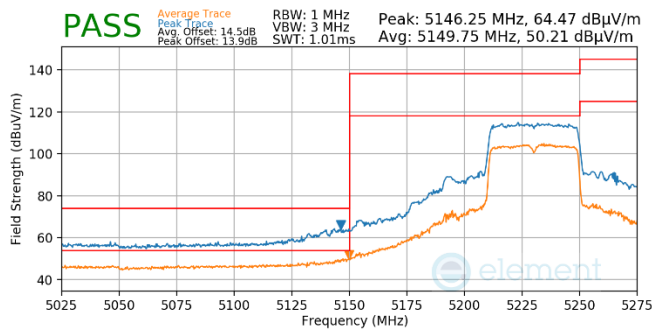
RU484



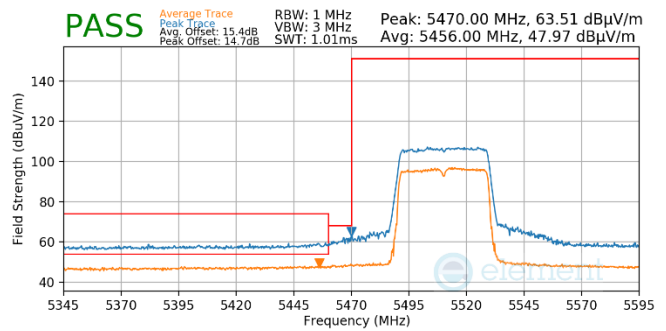
Plot 7-450. Ant 1 (Pk & Avg, RU484, Index 65, Ch.38, MCS11)



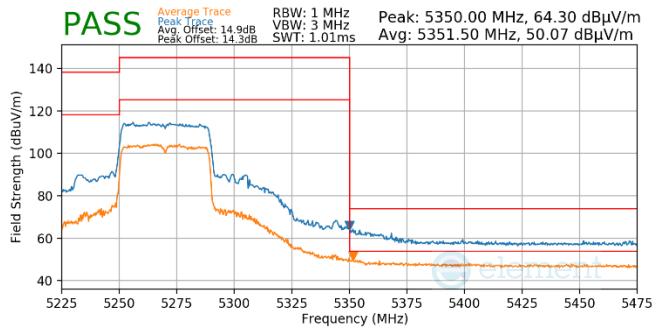
Plot 7-453. Ant 1 (Pk & Avg, RU484, Index 65, Ch.62, MCS11)



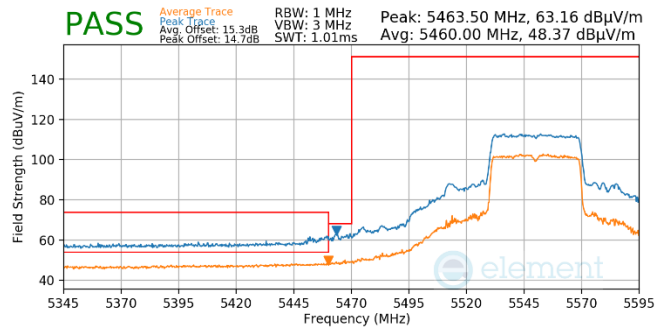
Plot 7-451. Ant 1 (Pk & Avg, RU484, Index 65, Ch.46, MCS11)



Plot 7-454. Ant 1 (Pk & Avg, RU484, Index 65, Ch.102, MCS11)



Plot 7-452. Ant 1 (Pk & Avg, RU484, Index 65, Ch.54, MCS11)



Plot 7-455. Ant 1 (Pk & Avg, RU484, Index 65, Ch.110, MCS11)

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