

7.7 Radiated Spurious Emissions – Above 1GHz

§15.205 §15.209 §15.247(d); 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 maximum power and at the appropriate frequencies. 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 7-20 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-20. Radiated Limits

Test Procedures Used

ANSI C63.10-2020 – Subclause 6.6.4.3
KDB 558074 D01 v05r02 – Sections 8.6, 8.7

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 $\geq 2 \times \text{span/RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces

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

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Test Setup

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

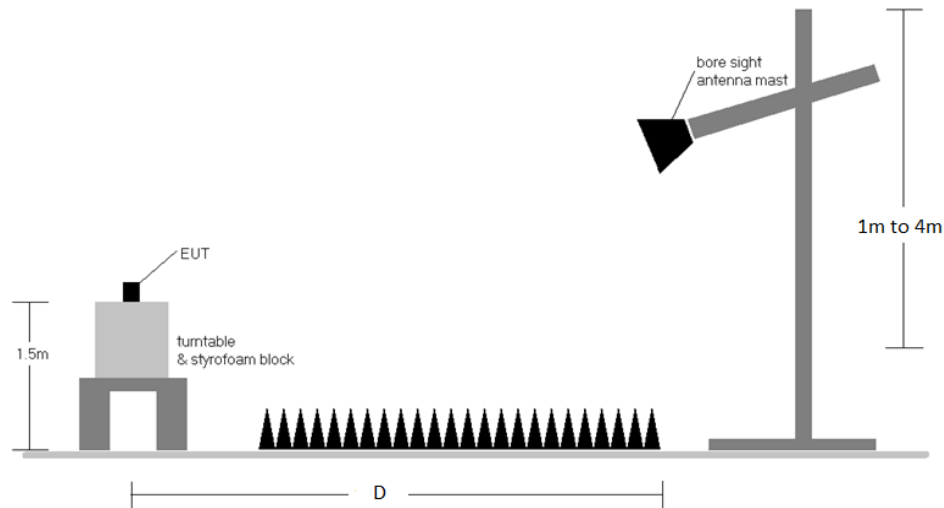


Figure 7-6. Radiated Test Setup >1GHz

Test Notes

1. The optional test procedures for antenna port conducted measurements of unwanted emissions per the guidance of KDB 558074 D01 v05r02 were not used to evaluate this device for compliance to radiated limits. All radiated spurious emissions levels were measured in a radiated test setup.
2. All emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-20.
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 "-" shown in the following RSE tables are used to denote a noise floor measurement.
8. All supported modulation, antenna (including TxBF mode) and power schemes have been tested on the unit and only worst case configuration is reported.

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Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $_{\text{[dB}\mu\text{V/m]}} = \text{Analyzer Level}_{\text{[dBm]}} + 107 + \text{AFCL}_{\text{[dB/m]}}$
- $\text{AFCL}_{\text{[dB/m]}} = \text{Antenna Factor}_{\text{[dB/m]}} + \text{Cable Loss}_{\text{[dB]}} - \text{Preamplifier Gain}_{\text{[dB]}}$
- $\text{Margin}_{\text{[dB]}} = \text{Field Strength Level}_{\text{[dB}\mu\text{V/m]}} - \text{Limit}_{\text{[dB}\mu\text{V/m]}}$

Radiated Band Edge Measurement Offset

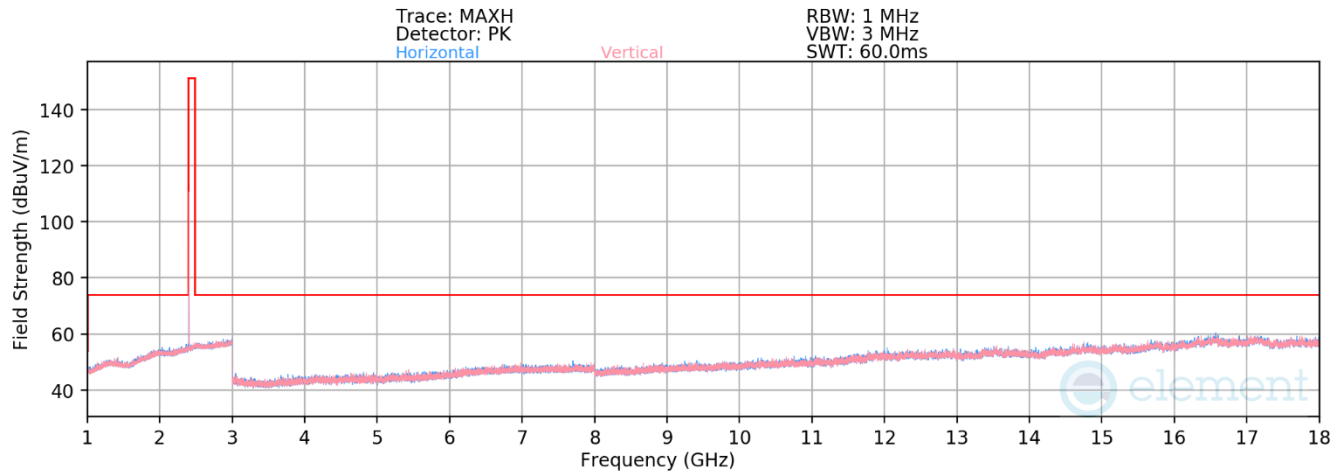
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.3 to 7.7.7 was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

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7.7.1 TxBF Primary Radiated Spurious Emission Measurements (Above 1GHz)

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



Plot 7-433. Radiated Spurious Emissions 1-18GHz TxBF Primary (4Mbps, HDR4, ePA – Ch. 1)

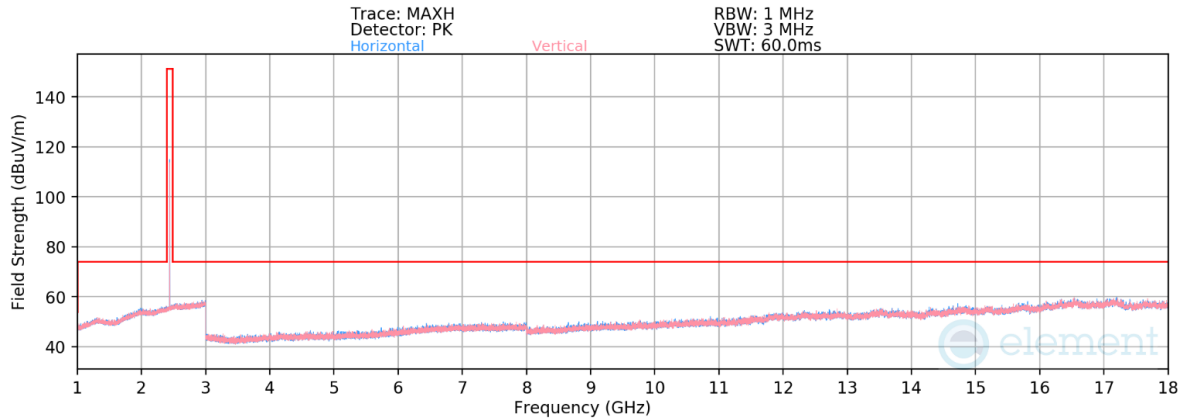
Bluetooth Mode: HDR4
Data Rate: 4Mbps
Power Scheme: ePA
Distance of Measurements: 3 Meters
Operating Frequency: 2404MHz
Channel: 1

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]
4808.00	Average	V	-	-	-79.87	7.71	34.84	53.98	-19.14
4808.00	Peak	V	-	-	-68.06	7.34	46.28	73.98	-27.70
12020.00	Average	V	-	-	-82.63	18.00	42.37	53.98	-11.61
12020.00	Peak	V	-	-	-71.14	18.08	53.94	73.98	-20.04

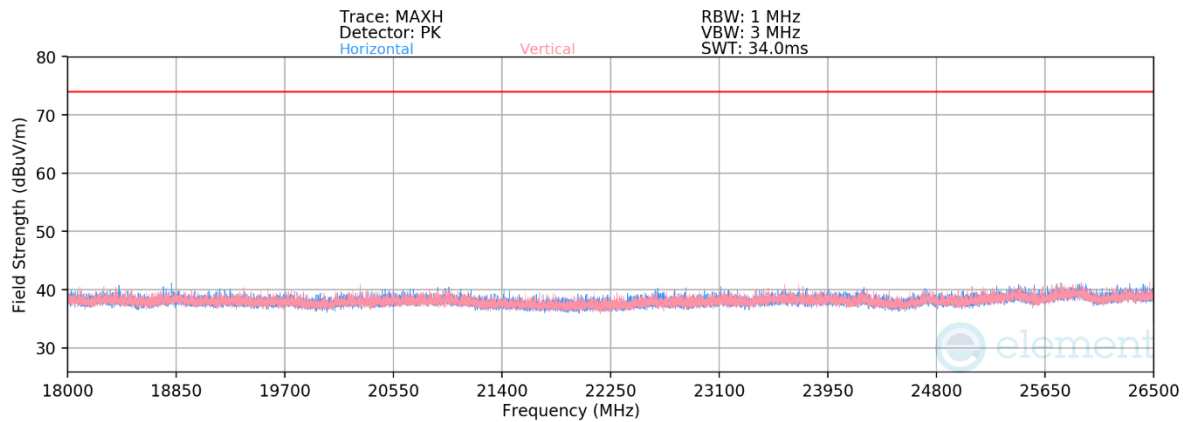
Table 7-21. Radiated Spurious Emission Measurements TxBF Primary

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Plot 7-434. Radiated Spurious Emissions 1-18GHz TxBF Primary (4Mbps, HDR4, ePA – Ch. 38)



Plot 7-435. Radiated Spurious Emissions above 18GHz TxBF Primary (4Mbps, HDR4, ePA – Ch. 38)

Bluetooth Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

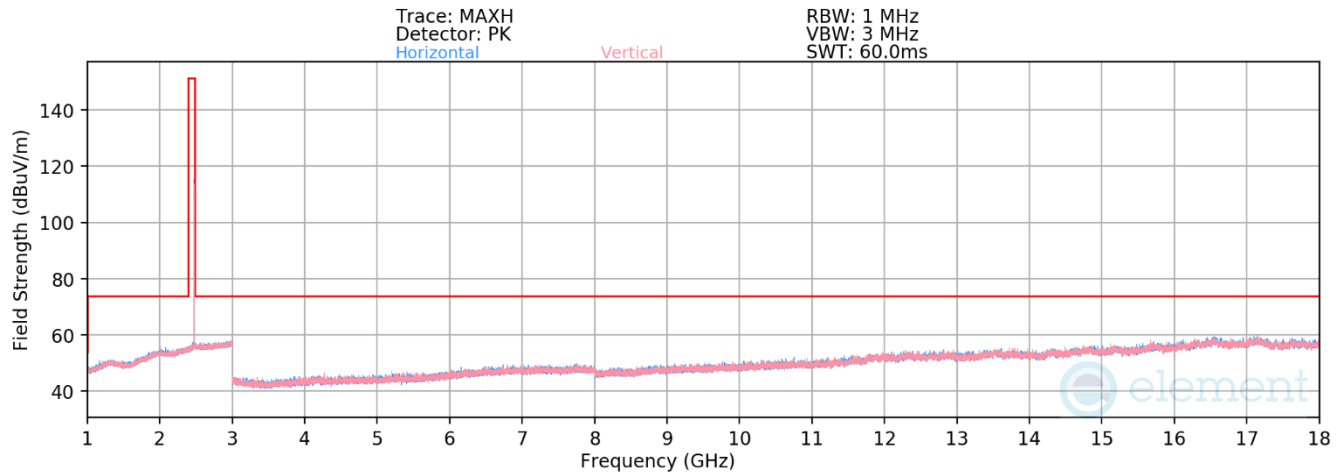
Operating Frequency: 2441MHz

Channel: 38

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]
4882.00	Average	V	-	-	-79.69	7.81	35.12	53.98	-18.86
4882.00	Peak	V	-	-	-68.48	7.81	46.32	73.98	-27.66
7323.00	Average	H	-	-	-80.01	10.81	37.79	53.98	-16.19
7323.00	Peak	H	-	-	-68.67	10.81	49.14	73.98	-24.84
12205.00	Average	V	-	-	-82.74	18.32	42.57	53.98	-11.41
12205.00	Peak	V	-	-	-70.59	17.24	53.65	73.98	-20.33

Table 7-22. Radiated Spurious Emission Measurements TxBF Primary

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-436. Radiated Spurious Emissions 1-18GHz TxBF Primary (4Mbps, HDR4, ePA – Ch. 73)

Bluetooth Mode:	HDR4
Data Rate:	4Mbps
Power Scheme	ePA
Distance of Measurements:	3 Meters
Operating Frequency:	2476MHz
Channel:	73

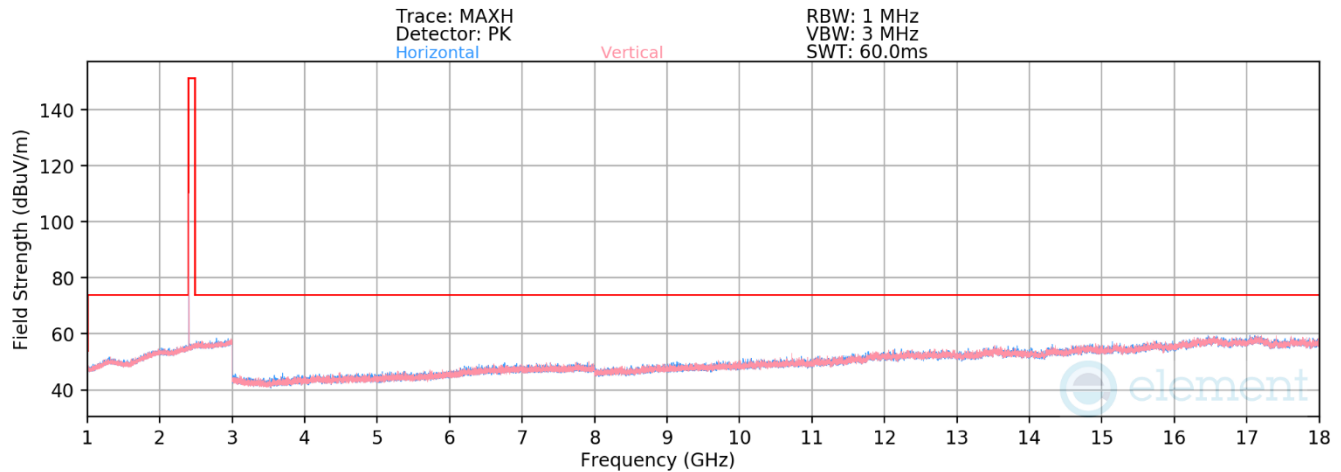
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4952.00	Average	V	-	-	-79.46	7.50	35.04	53.98	-18.94
4952.00	Peak	V	-	-	-68.04	7.41	46.36	73.98	-27.62
7428.00	Average	H	-	-	-79.91	10.78	37.87	53.98	-16.11
7428.00	Peak	H	-	-	-68.52	10.75	49.23	73.98	-24.75
12380.00	Average	H	-	-	-82.72	18.56	42.84	53.98	-11.14
12380.00	Peak	H	-	-	-70.92	18.56	54.64	73.98	-19.34

Table 7-23. Radiated Spurious Emission Measurements TxBF Primary

FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.7.2 TxBF Diversity Radiated Spurious Emission Measurements (Above 1GHz)



Plot 7-437. Radiated Spurious Emissions 1-18GHz TxBF Diversity (4Mbps, HDR4, ePA – Ch. 1)

Bluetooth Mode: HDR4
Data Rate: 4Mbps
Power Scheme: ePA
Distance of Measurements: 3 Meters
Operating Frequency: 2404MHz
Channel: 1

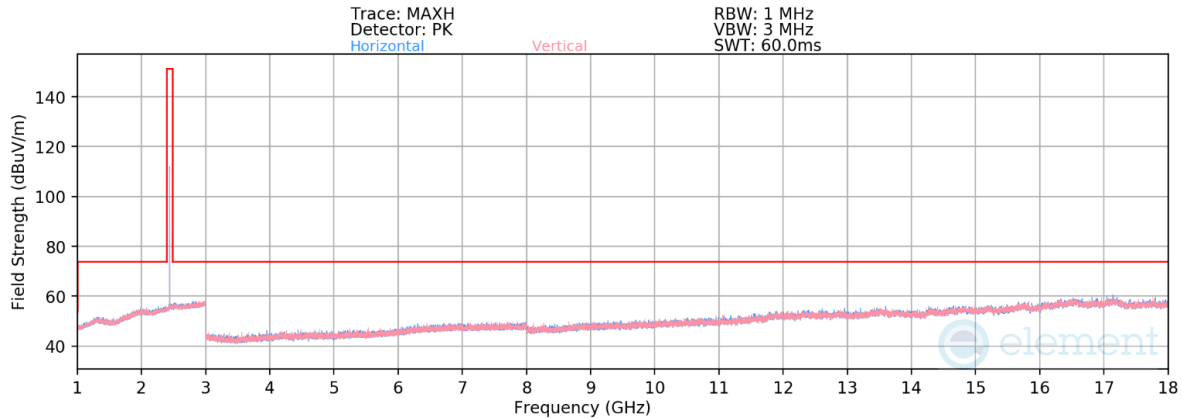
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4808.00	Average	V	-	-	-79.87	7.71	34.84	53.98	-19.14
4808.00	Peak	V	-	-	-68.23	7.71	46.48	73.98	-27.50
12020.00	Average	V	-	-	-82.65	18.08	42.43	53.98	-11.55
12020.00	Peak	V	-	-	-70.36	17.25	53.89	73.98	-20.09

Table 7-24. Radiated Spurious Emission Measurements TxBF Diversity

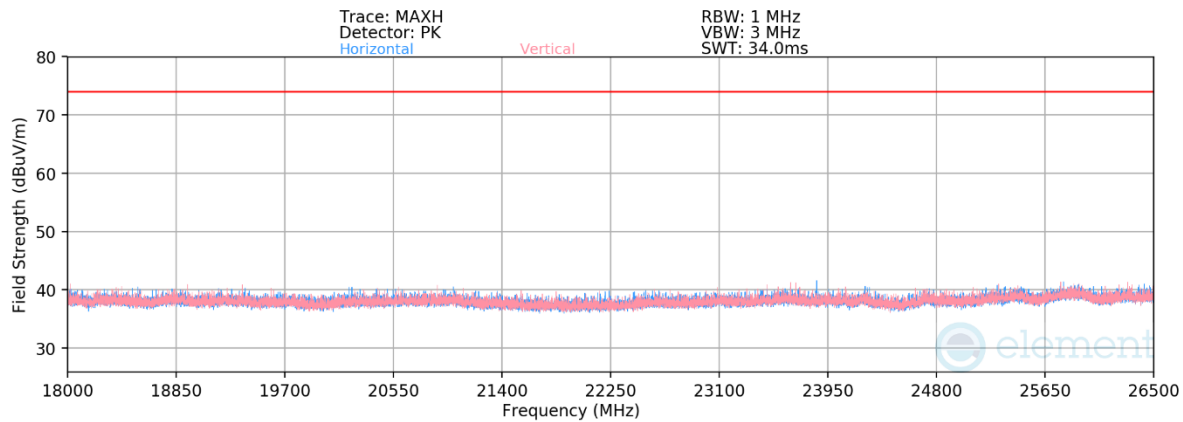
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Plot 7-438. Radiated Spurious Emissions 1-18GHz TxBF Diversity (4Mbps, HDR4, ePA – Ch. 38)



Plot 7-439. Radiated Spurious Emissions above 18GHz TxBF Diversity (4Mbps, HDR4, ePA – Ch. 38)

Bluetooth Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

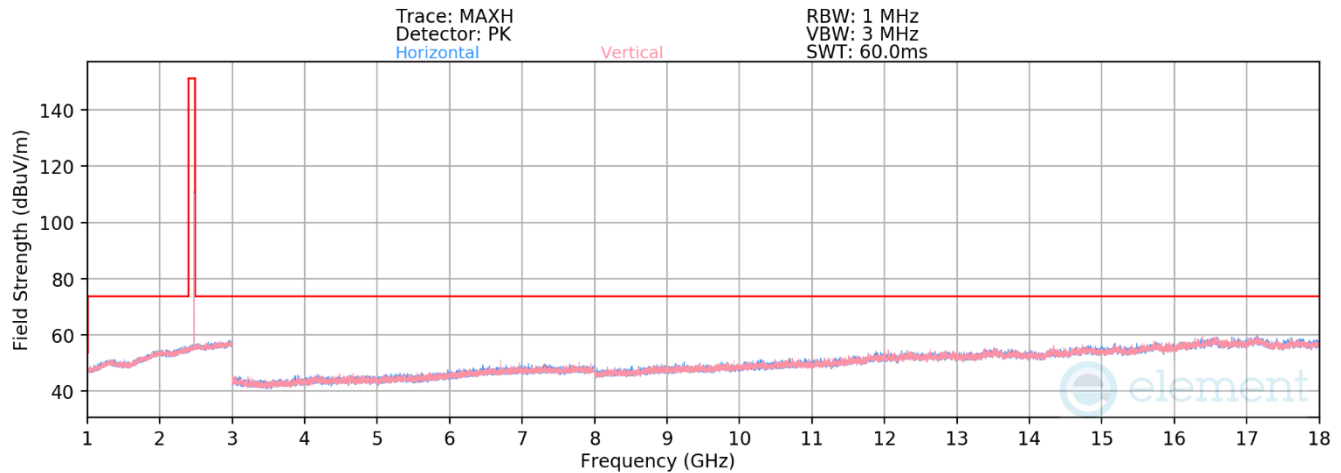
Operating Frequency: 2441MHz

Channel: 38

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]
4882.00	Average	V	-	-	-79.77	7.88	35.12	53.98	-18.86
4882.00	Peak	V	-	-	-67.98	7.37	46.39	73.98	-27.59
7323.00	Average	H	-	-	-79.91	10.74	37.83	53.98	-16.15
7323.00	Peak	H	-	-	-68.79	10.81	49.01	73.98	-24.97
12205.00	Average	V	-	-	-82.74	18.32	42.57	53.98	-11.41
12205.00	Peak	V	-	-	-71.33	18.32	53.98	73.98	-20.00

Table 7-25. Radiated Spurious Emission Measurements TxBF Diversity

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-440. Radiated Spurious Emissions 1-18GHz TxBF Diversity (4Mbps, HDR4, ePA – Ch. 73)

Bluetooth Mode: HDR4
Data Rate: 4Mbps
Power Scheme: ePA
Distance of Measurements: 3 Meters
Operating Frequency: 2476MHz
Channel: 73

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]
4952.00	Average	H	-	-	-79.62	7.65	35.03	53.98	-18.95
4952.00	Peak	H	-	-	-67.77	7.50	46.73	73.98	-27.25
7428.00	Average	V	-	-	-80.10	10.78	37.68	53.98	-16.30
7428.00	Peak	V	-	-	-68.41	10.70	49.30	73.98	-24.68
12380.00	Average	V	-	-	-82.53	18.56	43.03	53.98	-10.95
12380.00	Peak	V	-	-	-71.37	18.56	54.18	73.98	-19.80

Table 7-26. Radiated Spurious Emission Measurements TxBF Diversity

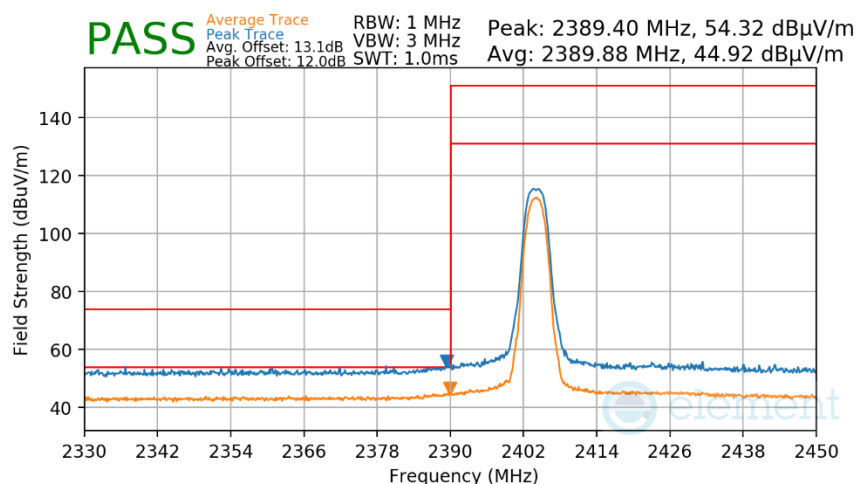
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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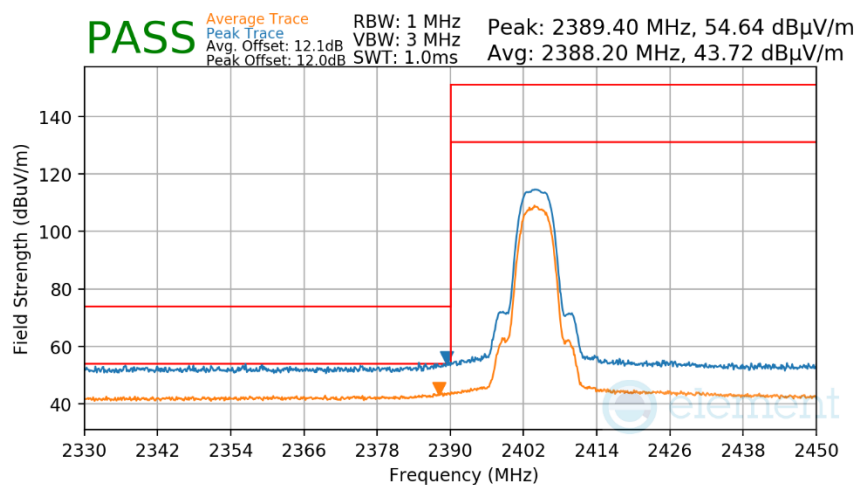
7.7.3 Antenna WF8 Radiated Restricted Band Edge Measurements

Bluetooth Mode:	HDR4
Data Rate:	4Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-441. Radiated Restricted Lower Band Edge Measurement Antenna WF8

Bluetooth Mode:	HDR8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1

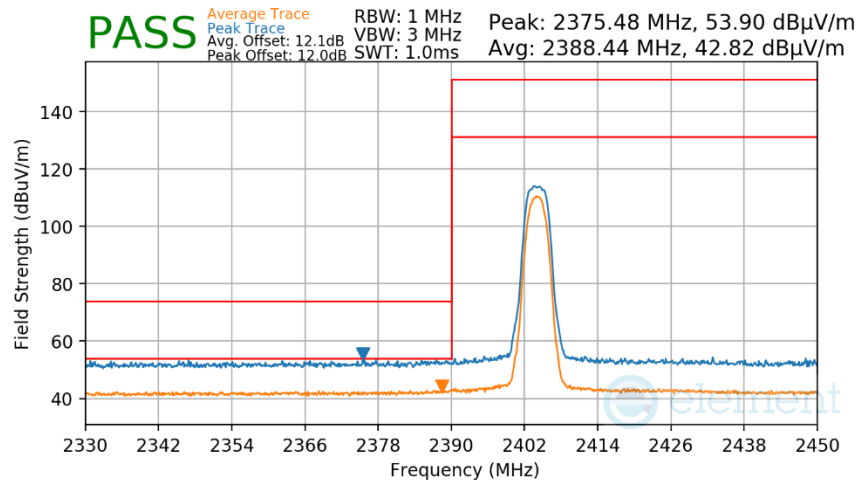


Plot 7-442. Radiated Restricted Lower Band Edge Measurement Antenna WF8

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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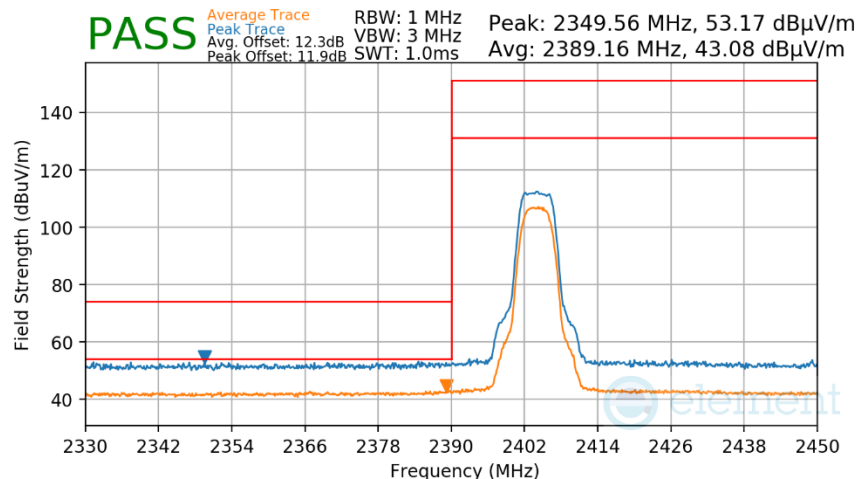
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Bluetooth Mode:	XHDRPS2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-443. Radiated Restricted Lower Band Edge Measurement Antenna WF8

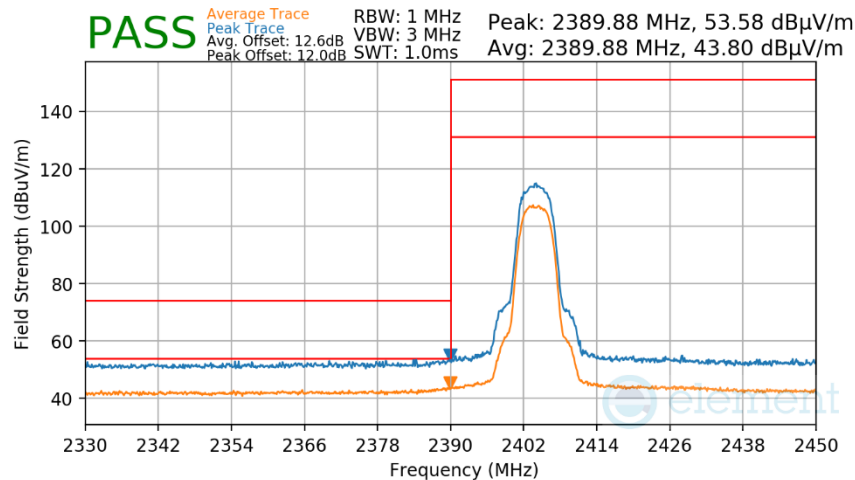
Bluetooth Mode:	XHDRPM8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-444. Radiated Restricted Lower Band Edge Measurement Antenna WF8

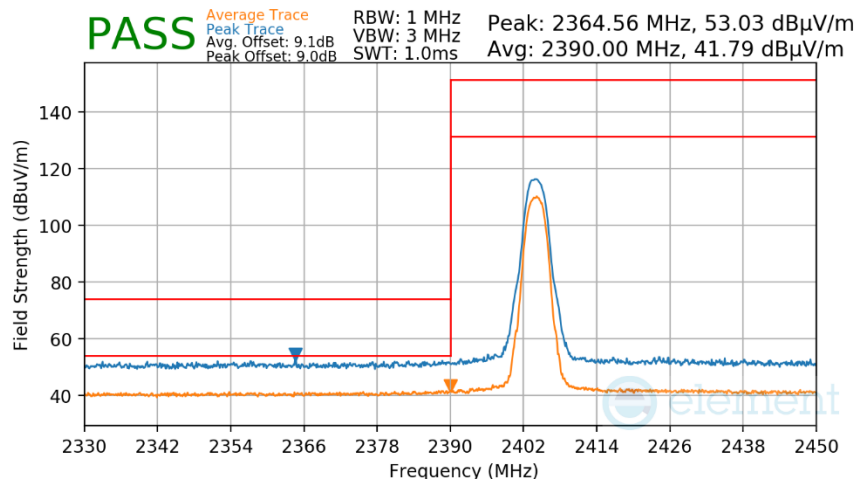
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Bluetooth Mode:	XHDRPM16
Data Rate:	16Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-445. Radiated Restricted Lower Band Edge Measurement Antenna WF8

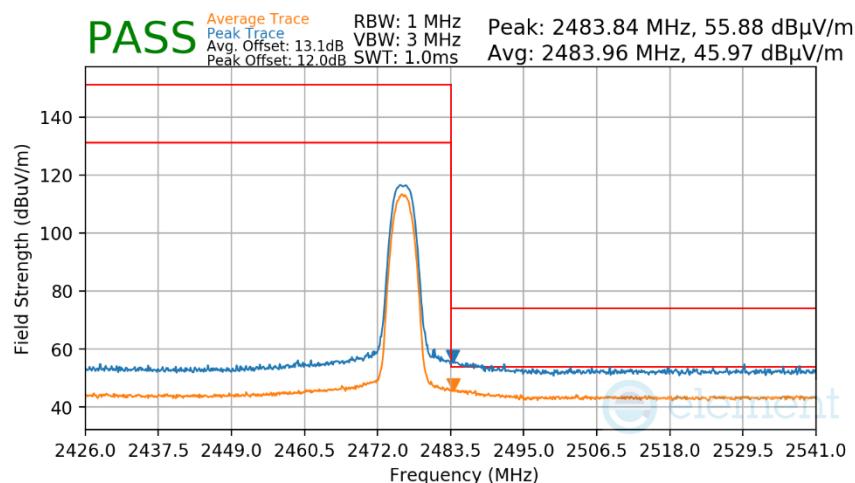
Bluetooth Mode:	HDT8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-446. Radiated Restricted Lower Band Edge Measurement Antenna WF8

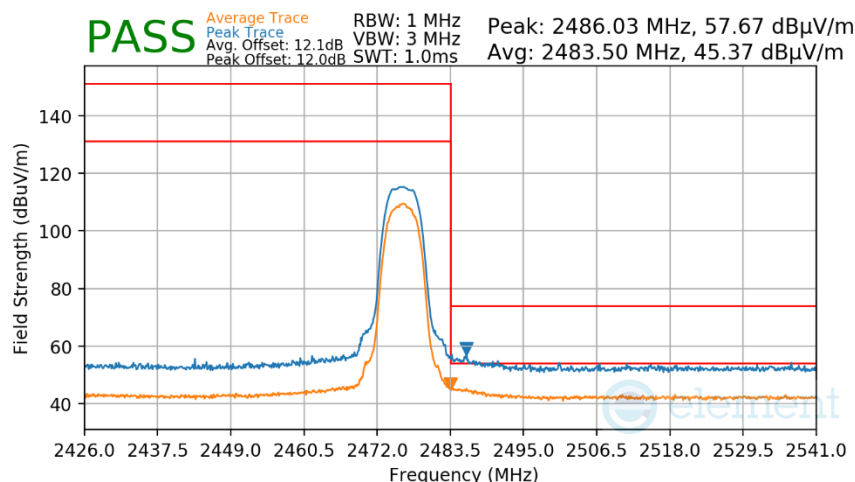
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Bluetooth Mode:	HDR4
Data Rate:	4Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-447. Radiated Restricted Upper Band Edge Measurement Antenna WF8

Bluetooth Mode:	HDR8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



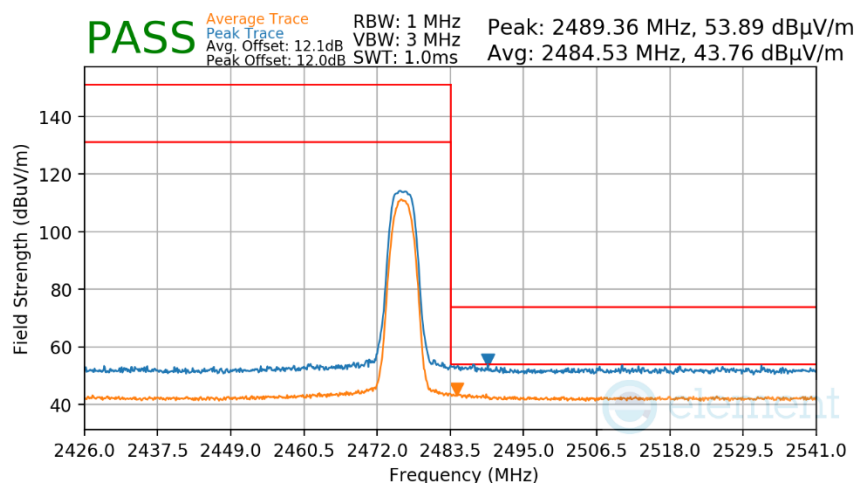
Plot 7-448. Radiated Restricted Upper Band Edge Measurement Antenna WF8

FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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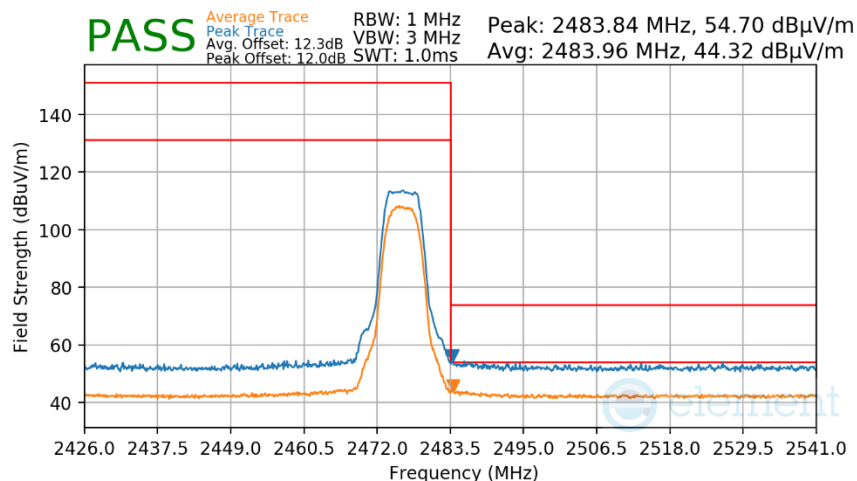
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Bluetooth Mode:	XHDRPS2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-449. Radiated Restricted Upper Band Edge Measurement Antenna WF8

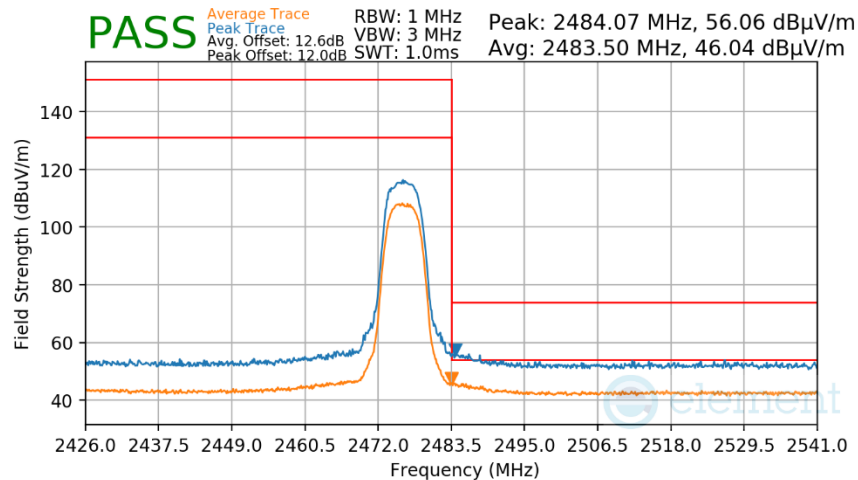
Bluetooth Mode:	XHDRPM8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-450. Radiated Restricted Upper Band Edge Measurement Antenna WF8

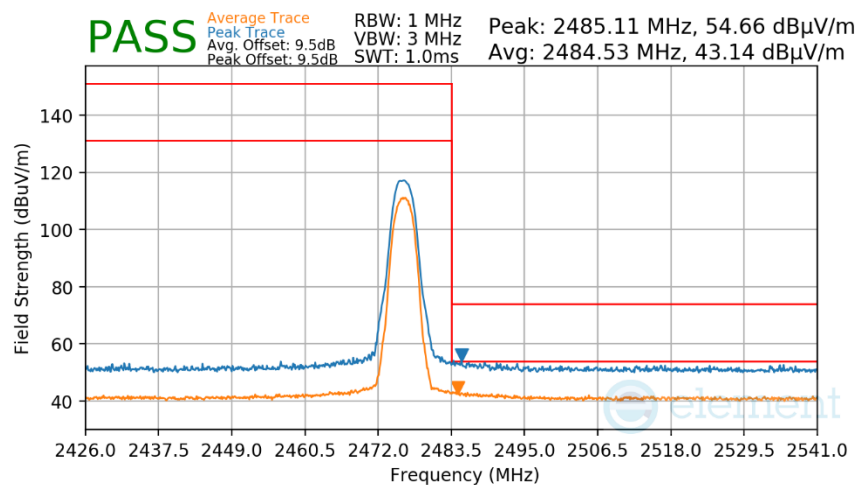
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Bluetooth Mode: XHDRPM16
 Data Rate: 16Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73



Plot 7-451. Radiated Restricted Upper Band Edge Measurement Antenna WF8

Bluetooth Mode: HDT8
 Data Rate: 8Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73



Plot 7-452. Radiated Restricted Upper Band Edge Measurement Antenna WF8

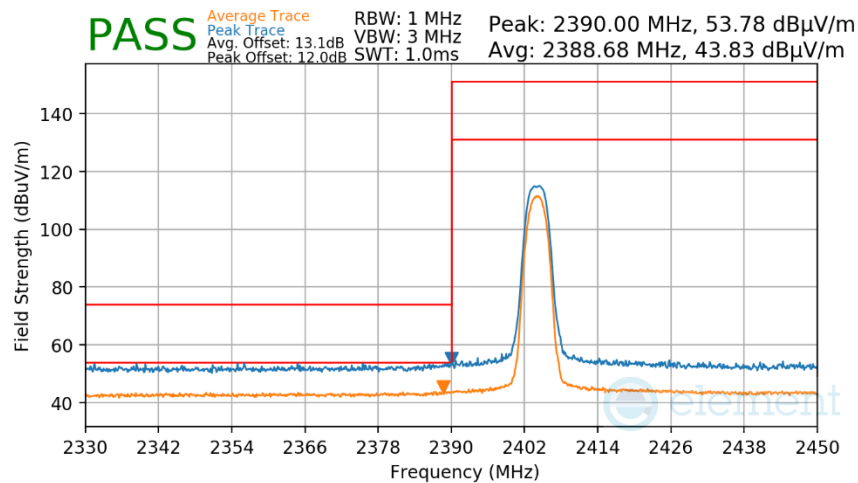
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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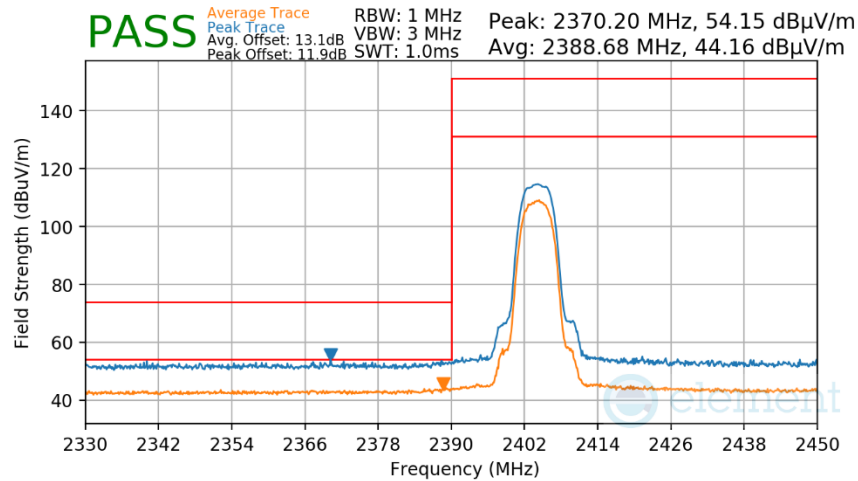
7.7.4 Antenna WF7 Radiated Restricted Band Edge Measurements

Bluetooth Mode:	HDR4
Data Rate:	4Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-453. Radiated Restricted Lower Band Edge Measurement Antenna WF7

Bluetooth Mode:	HDR8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



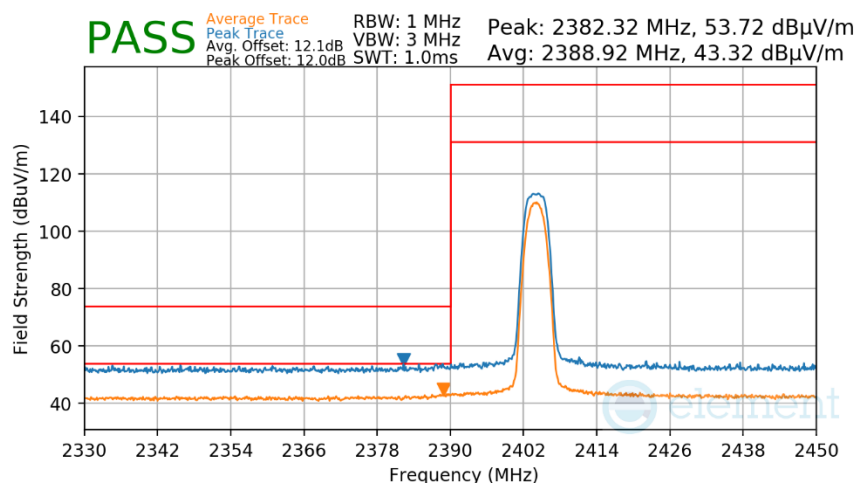
Plot 7-454. Radiated Restricted Lower Band Edge Measurement Antenna WF7

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 270 of 305

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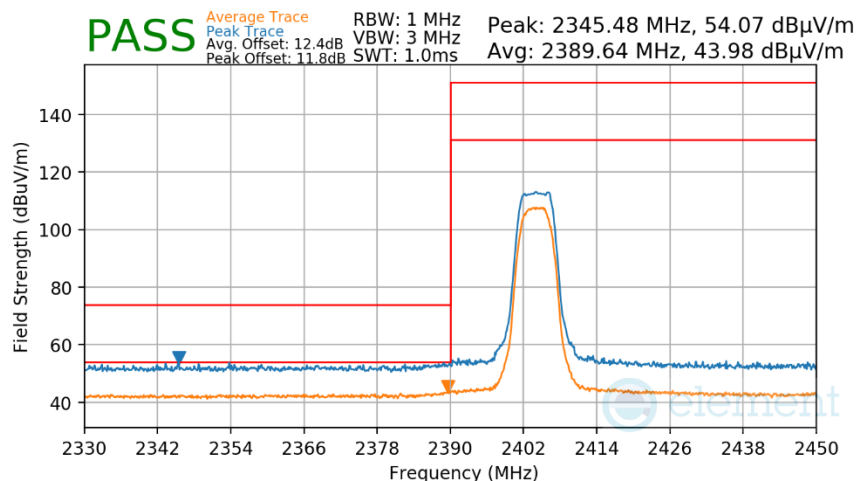
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Bluetooth Mode:	XHDRPS2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-455. Radiated Restricted Lower Band Edge Measurement Antenna WF7

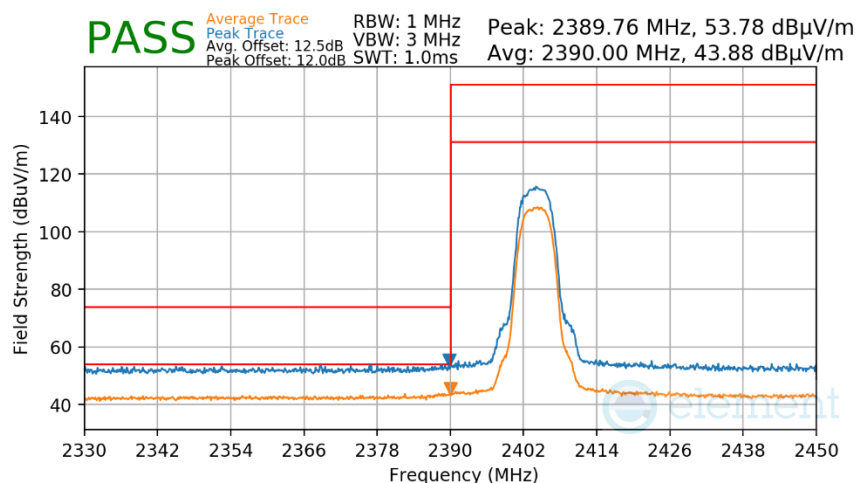
Bluetooth Mode:	XHDRPM8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-456. Radiated Restricted Lower Band Edge Measurement Antenna WF7

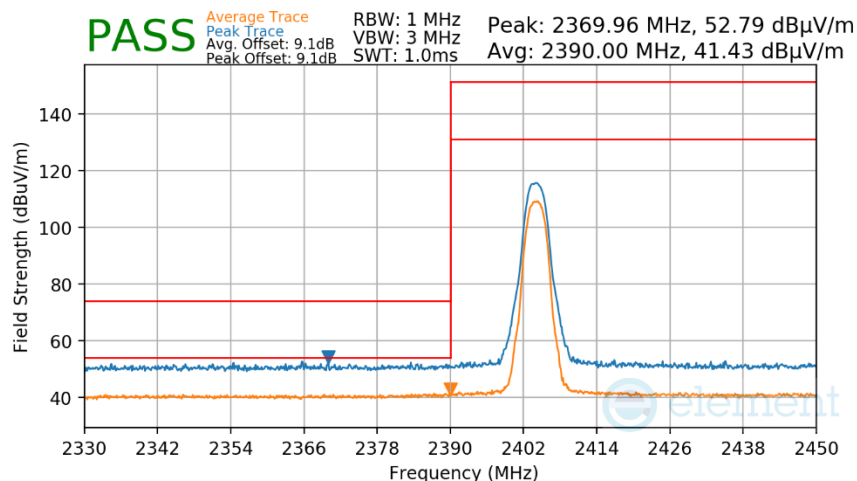
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 271 of 305

Bluetooth Mode:	XHDRPM16
Data Rate:	16Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-457. Radiated Restricted Lower Band Edge Measurement Antenna WF7

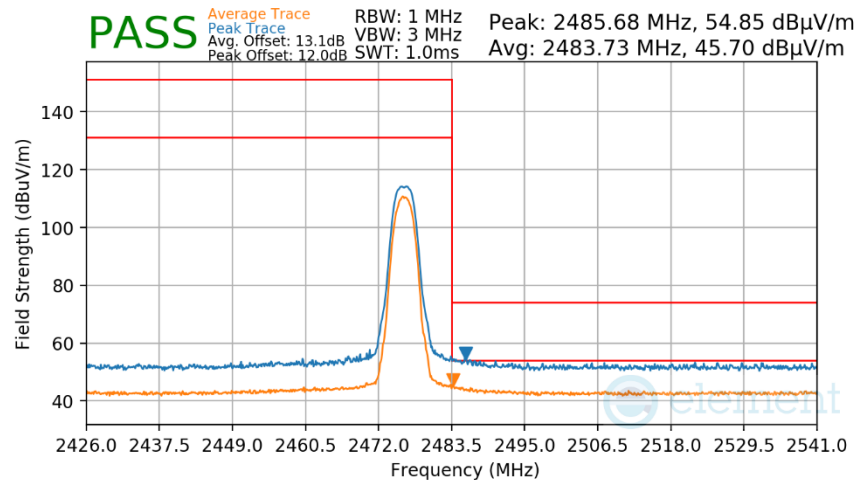
Bluetooth Mode:	HDT8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-458. Radiated Restricted Lower Band Edge Measurement Antenna WF7

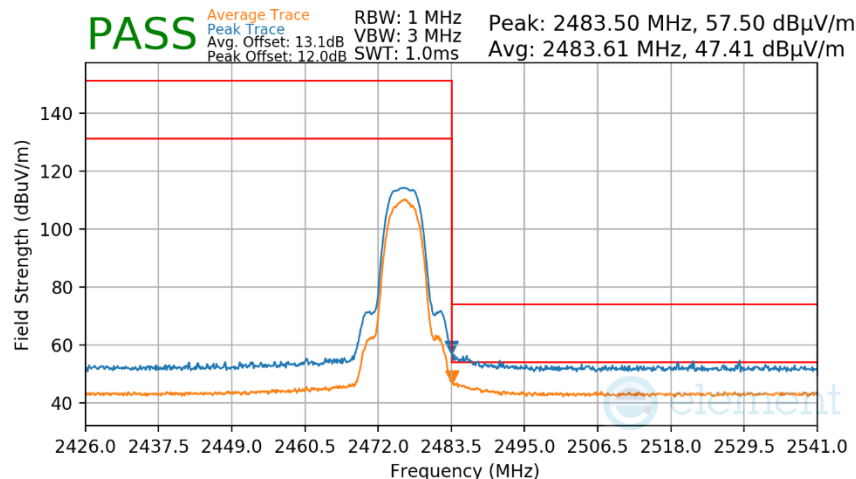
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 272 of 305

Bluetooth Mode:	HDR4
Data Rate:	4Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-459. Radiated Restricted Upper Band Edge Measurement Antenna WF7

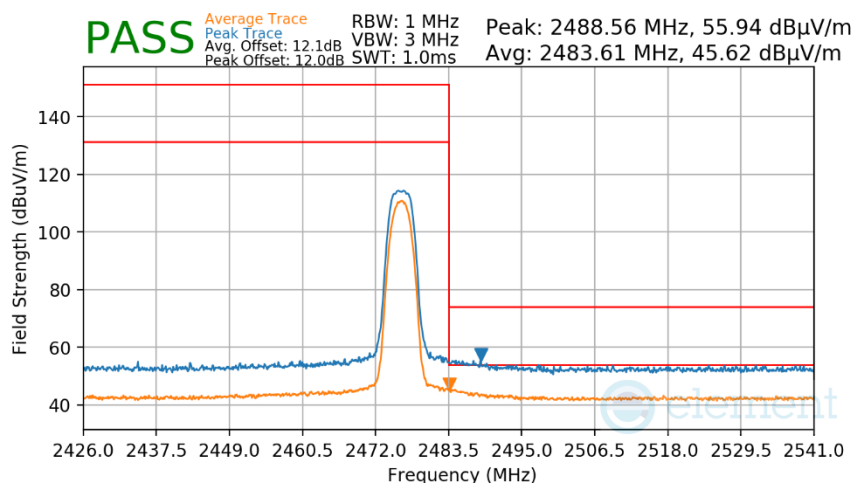
Bluetooth Mode:	HDR8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-460. Radiated Restricted Upper Band Edge Measurement Antenna WF7

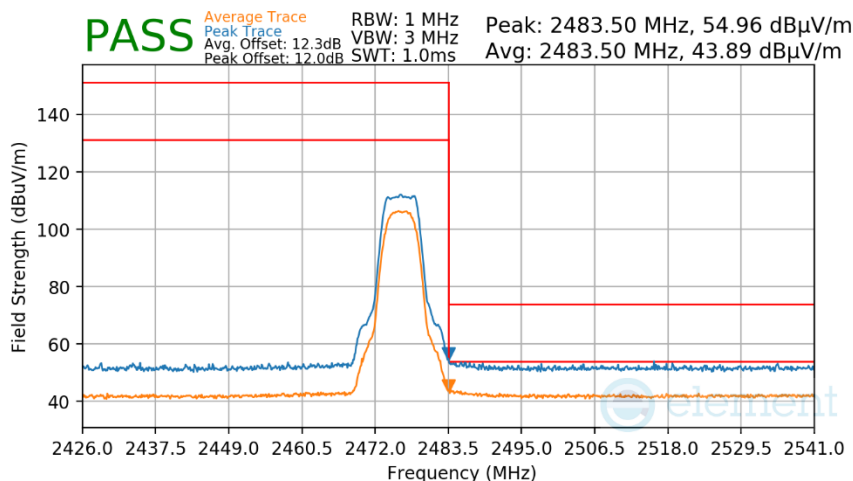
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 273 of 305

Bluetooth Mode:	XHDRPS2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-461. Radiated Restricted Upper Band Edge Measurement Antenna WF7

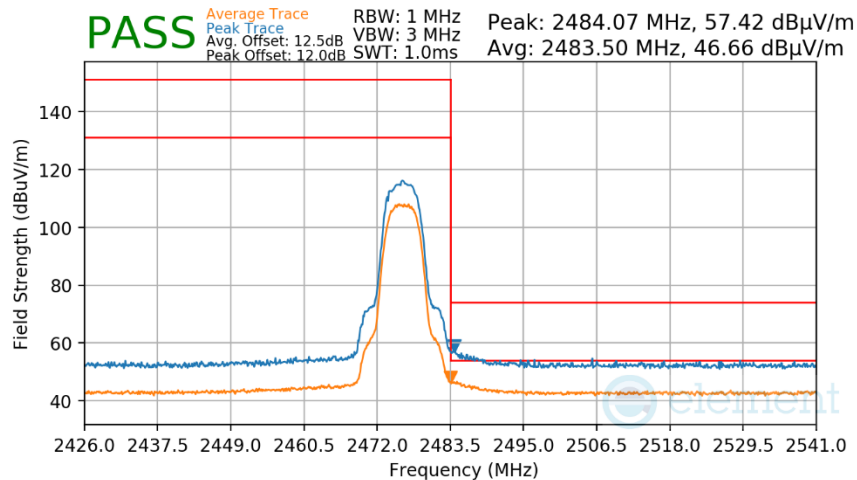
Bluetooth Mode:	XHDRPM8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-462. Radiated Restricted Upper Band Edge Measurement Antenna WF7

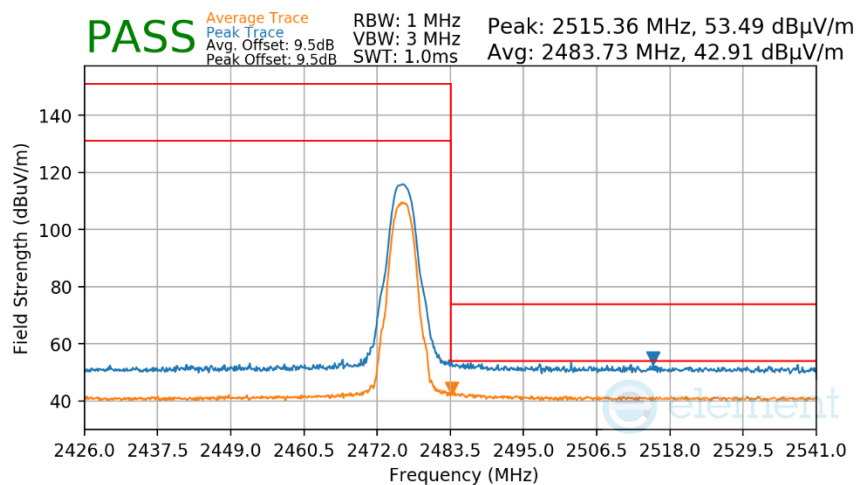
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 274 of 305

Bluetooth Mode: XHDRPM16
 Data Rate: 16Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73



Plot 7-463. Radiated Restricted Upper Band Edge Measurement Antenna WF7

Bluetooth Mode: HDT8
 Data Rate: 8Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73

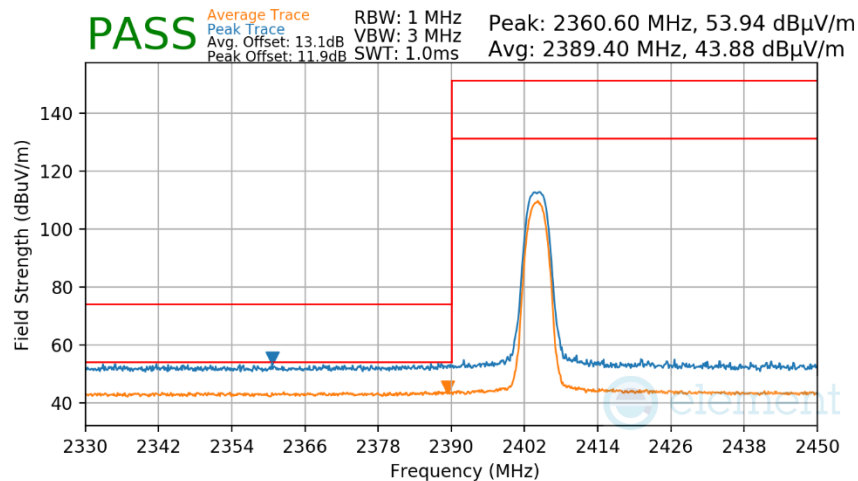


Plot 7-464. Radiated Restricted Upper Band Edge Measurement Antenna WF7

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 275 of 305

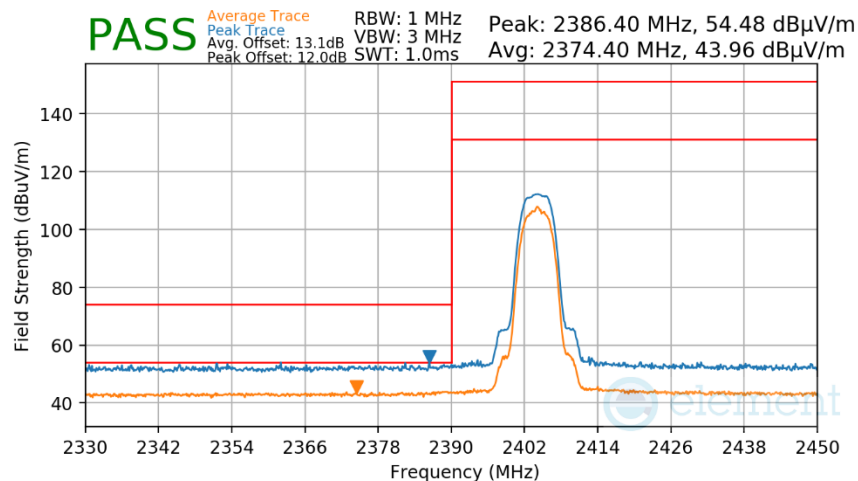
7.7.5 Antenna WF9 Radiated Restricted Band Edge Measurements

Bluetooth Mode:	HDR4
Data Rate:	4Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-465. Radiated Restricted Lower Band Edge Measurement Antenna WF9

Bluetooth Mode:	HDR8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1

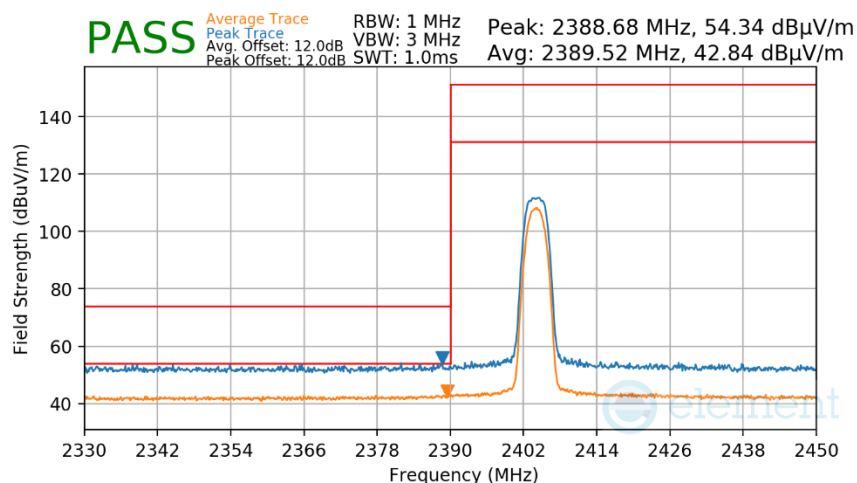


Plot 7-466. Radiated Restricted Lower Band Edge Measurement Antenna WF9

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 276 of 305

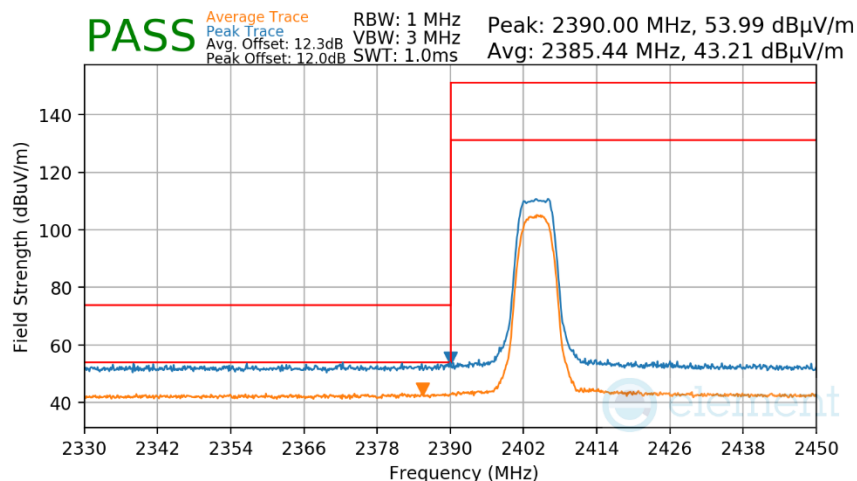
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Bluetooth Mode:	XHDRPS2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-467. Radiated Restricted Lower Band Edge Measurement Antenna WF9

Bluetooth Mode:	XHDRPM8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



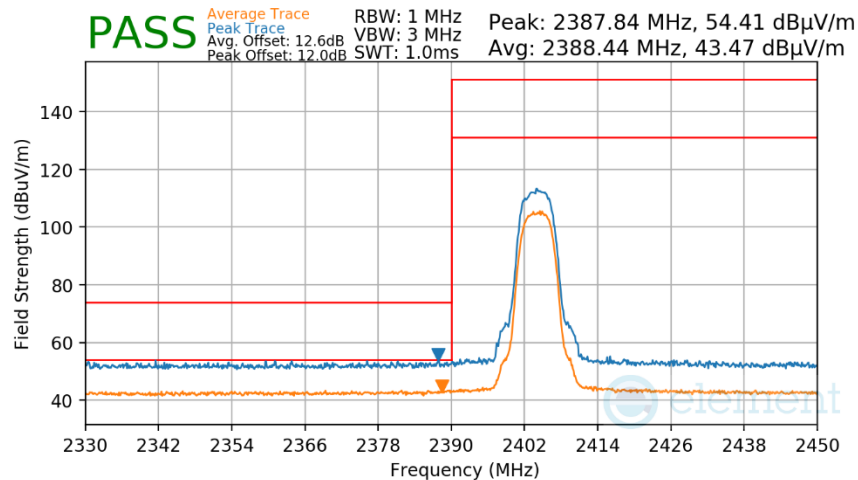
Plot 7-468. Radiated Restricted Lower Band Edge Measurement Antenna WF9

FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 277 of 305

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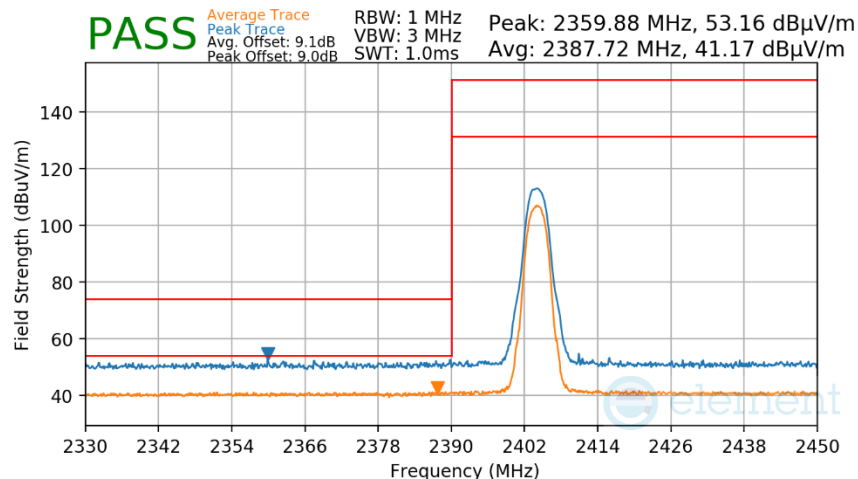
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Bluetooth Mode:	XHDRPM16
Data Rate:	16Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-469. Radiated Restricted Lower Band Edge Measurement Antenna WF9

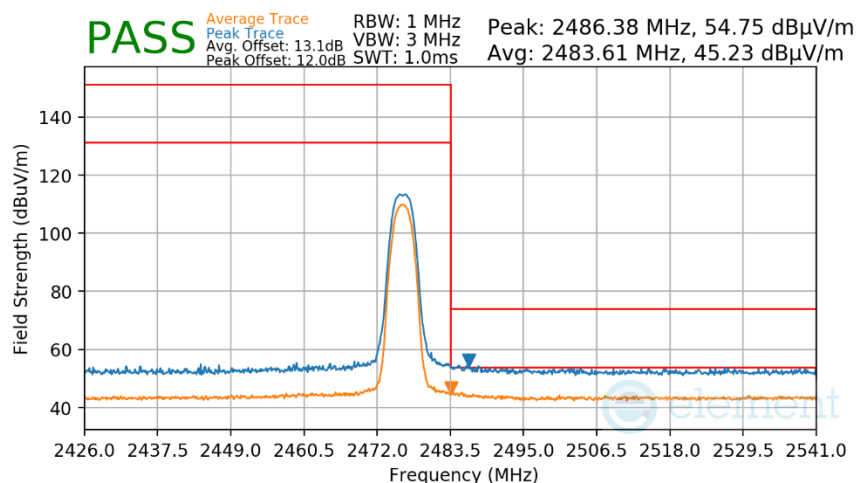
Bluetooth Mode:	HDT8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-470. Radiated Restricted Lower Band Edge Measurement Antenna WF9

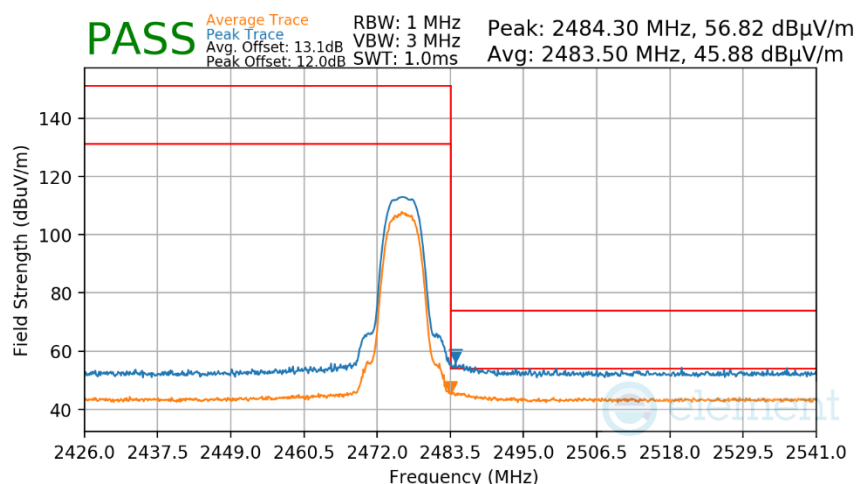
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 278 of 305

Bluetooth Mode: HDR4
 Data Rate: 4Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73



Plot 7-471. Radiated Restricted Upper Band Edge Measurement Antenna WF9

Bluetooth Mode: HDR8
 Data Rate: 8Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73



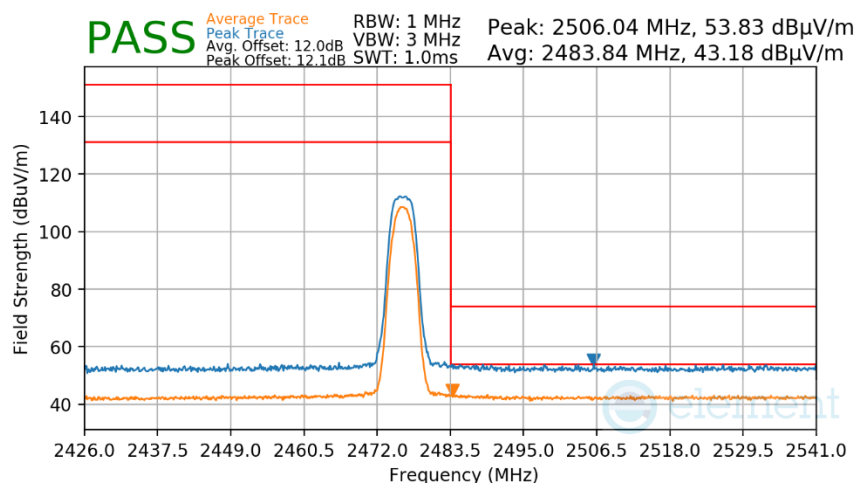
Plot 7-472. Radiated Restricted Upper Band Edge Measurement Antenna WF9

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 279 of 305

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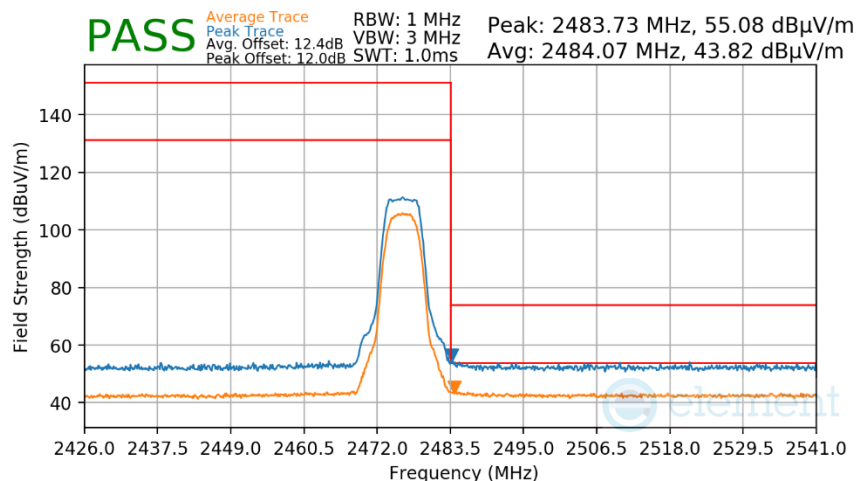
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Bluetooth Mode:	XHDRPS2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-473. Radiated Restricted Upper Band Edge Measurement Antenna WF9

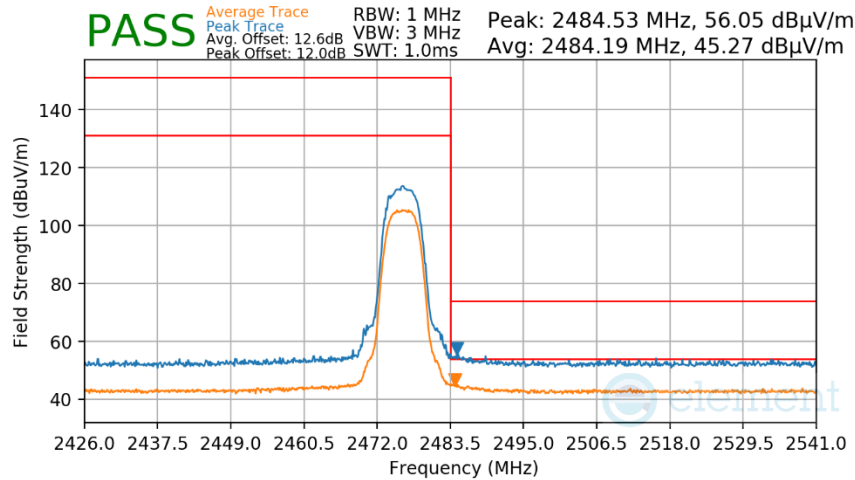
Bluetooth Mode:	XHDRPM8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476MHz
Channel:	73



Plot 7-474. Radiated Restricted Upper Band Edge Measurement Antenna WF9

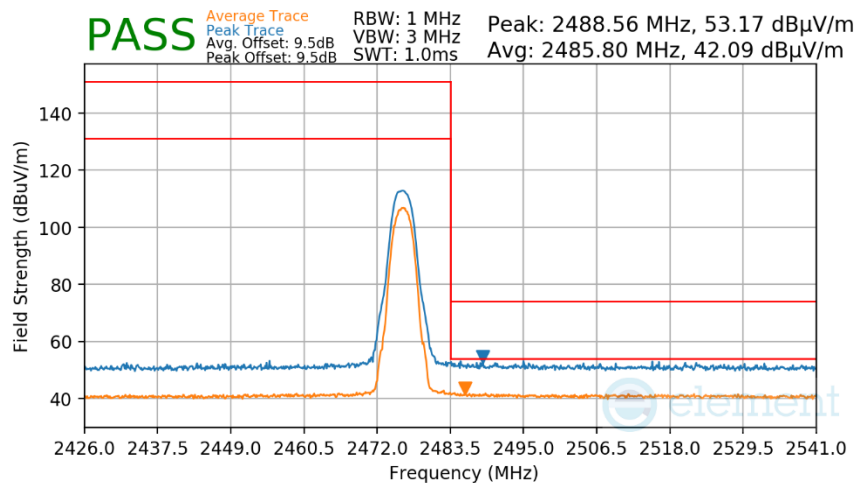
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 280 of 305

Bluetooth Mode: XHDRPM16
 Data Rate: 16Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73



Plot 7-475. Radiated Restricted Upper Band Edge Measurement Antenna WF9

Bluetooth Mode: HDT8
 Data Rate: 8Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73

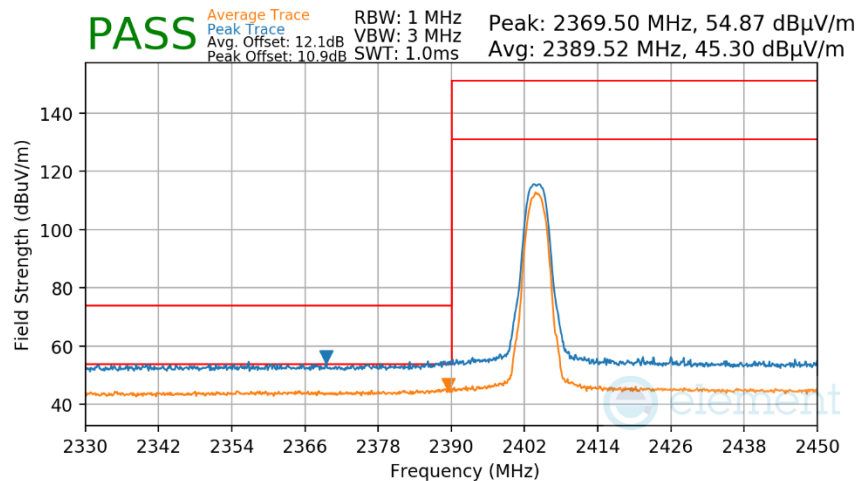


Plot 7-476. Radiated Restricted Upper Band Edge Measurement Antenna WF9

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 281 of 305

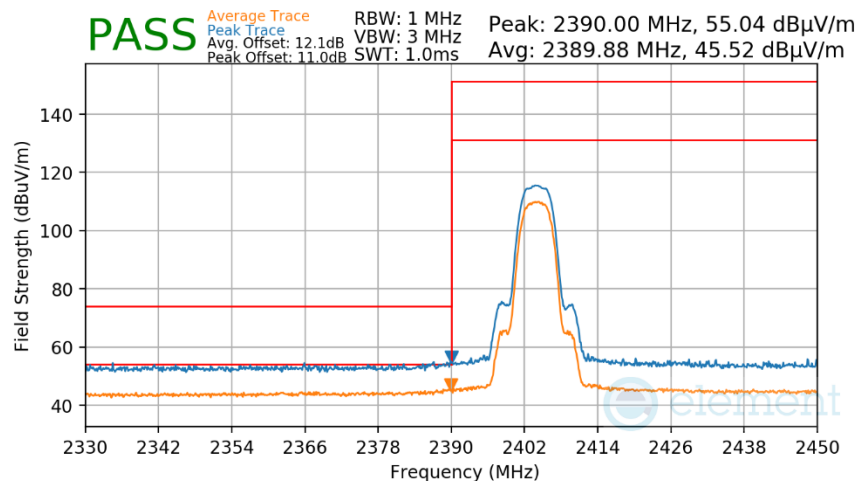
7.7.6 TxBF Primary Radiated Restricted Band Edge Measurements

Bluetooth Mode:	HDR4
Data Rate:	4Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-477. Radiated Restricted Lower Band Edge Measurement TxBF Primary

Bluetooth Mode:	HDR8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1

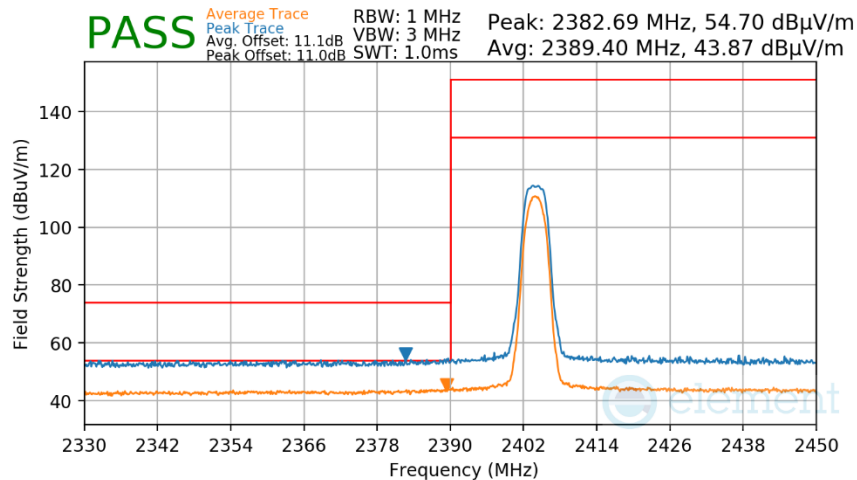


Plot 7-478. Radiated Restricted Lower Band Edge Measurement TxBF Primary

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 282 of 305

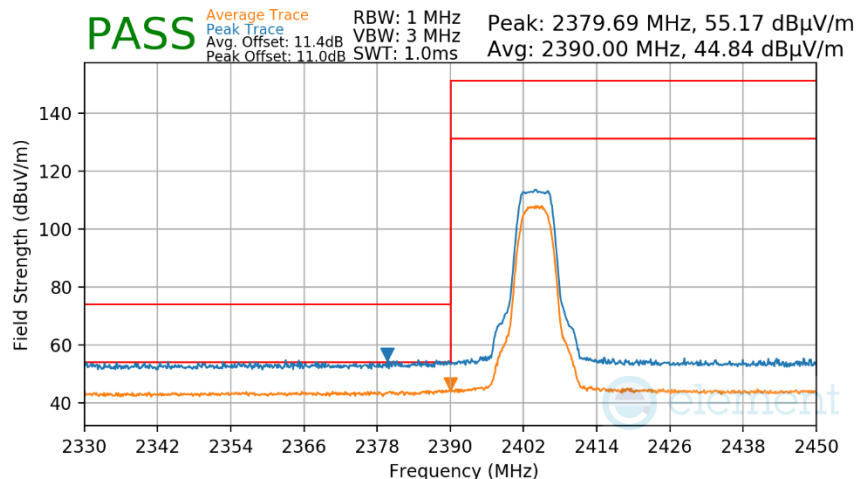
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Bluetooth Mode:	XHDRPS2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-479. Radiated Restricted Lower Band Edge Measurement TxBF Primary

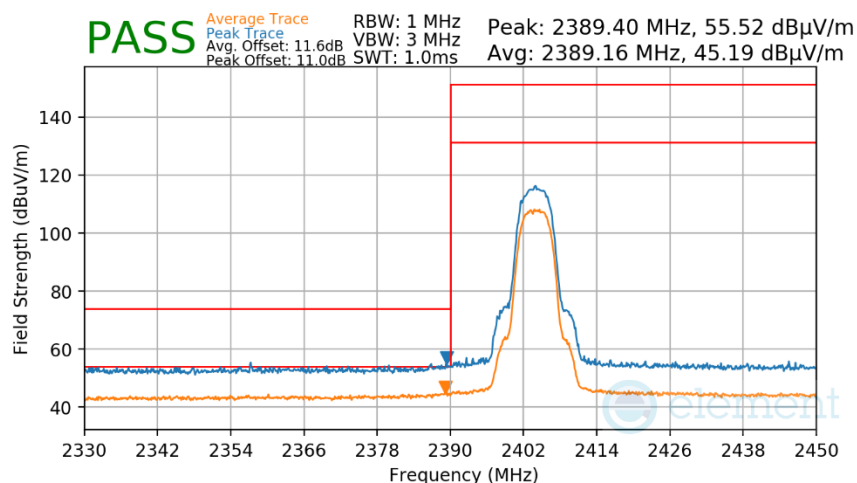
Bluetooth Mode:	XHDRPM8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-480. Radiated Restricted Lower Band Edge Measurement TxBF Primary

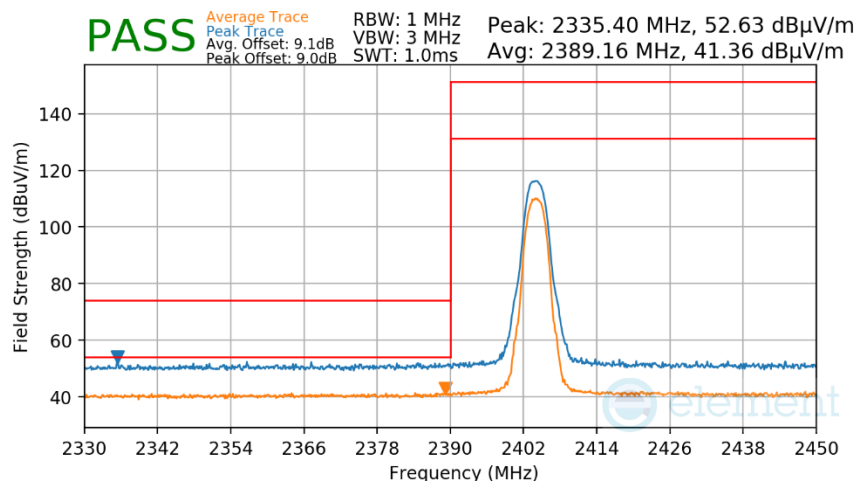
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 283 of 305

Bluetooth Mode:	XHDRPM16
Data Rate:	16Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-481. Radiated Restricted Lower Band Edge Measurement TxBF Primary

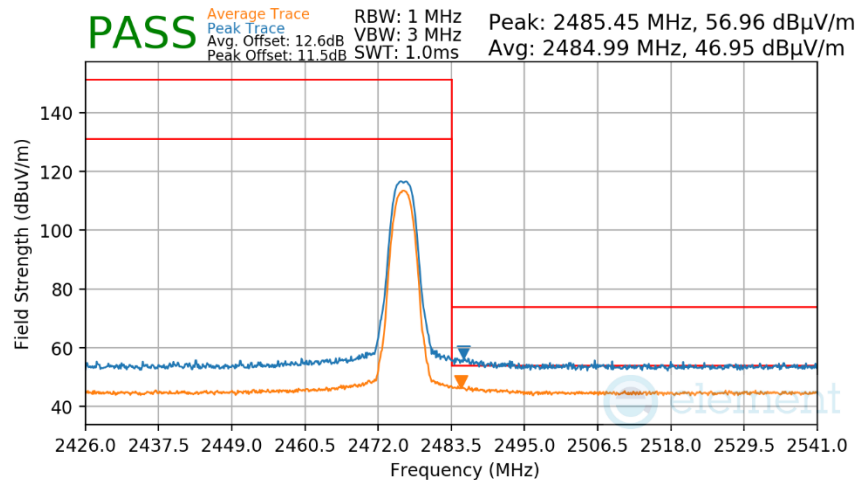
Bluetooth Mode:	HDT8
Data Rate:	8Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	1



Plot 7-482. Radiated Restricted Lower Band Edge Measurement TxBF Primary

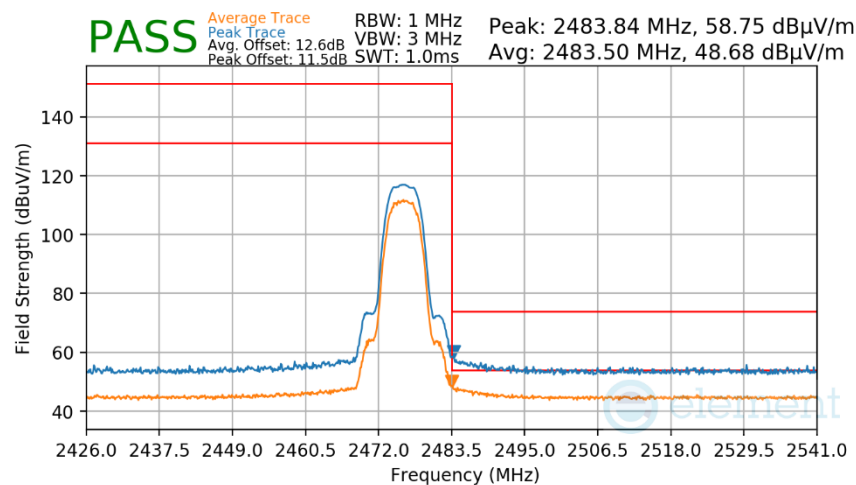
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 284 of 305

Bluetooth Mode: HDR4
 Data Rate: 4Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73



Plot 7-483. Radiated Restricted Upper Band Edge Measurement TxBF Primary

Bluetooth Mode: HDR8
 Data Rate: 8Mbps
 Power Scheme: ePA
 Measurement Distance: 3 Meters
 Operating Frequency: 2476MHz
 Channel: 73



Plot 7-484. Radiated Restricted Upper Band Edge Measurement TxBF Primary

FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-07-R2.BCG	Test Dates: 05/12/2025 - 09/02/2025	EUT Type: Tablet Device	Page 285 of 305

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