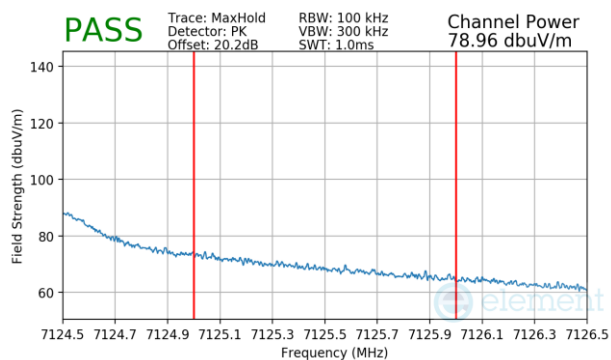
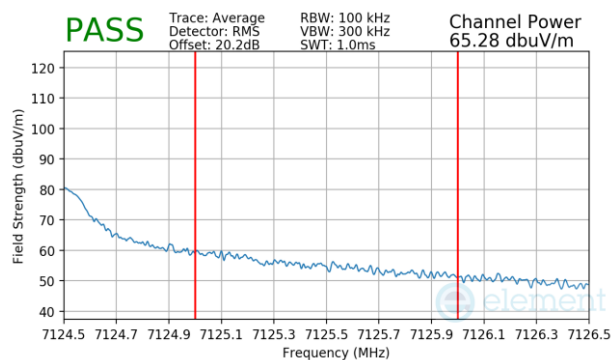


Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 7115MHz
Channel: 233



Plot 7-1679 SDM Diversity Radiated Upper Band Edge (Peak – UNII Band 8)

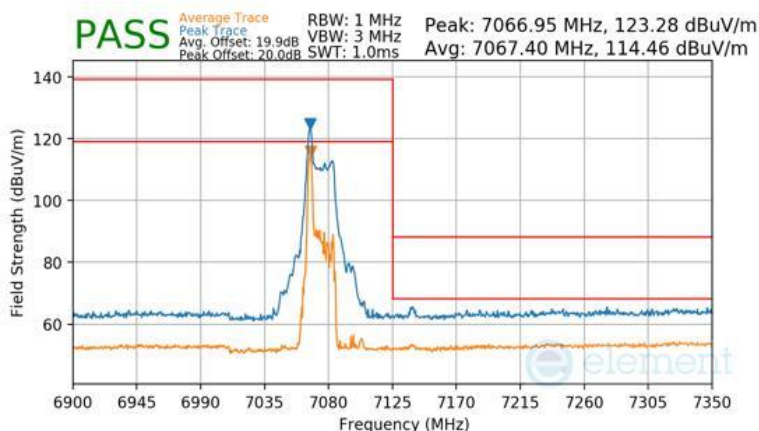


Plot 7-1680 SDM Diversity Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG			Page 600 of 649

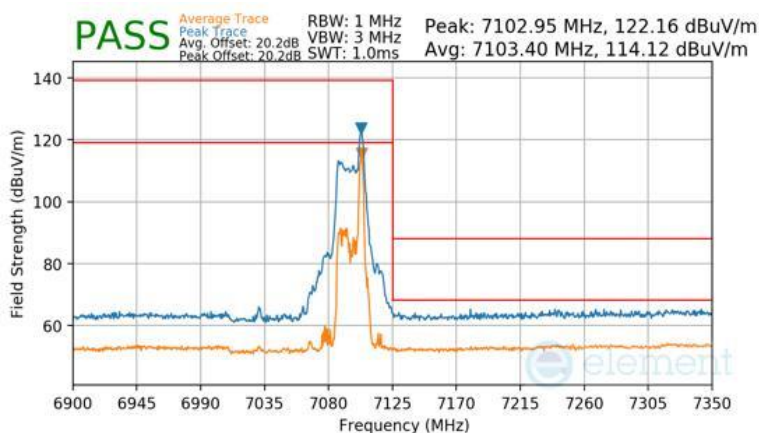
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 0
Distance of Measurements: 3 Meters
Operating Frequency: 7085MHz
Channel: 227



Plot 7-1683 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU26

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 17
Distance of Measurements: 3 Meters
Operating Frequency: 7085MHz
Channel: 227

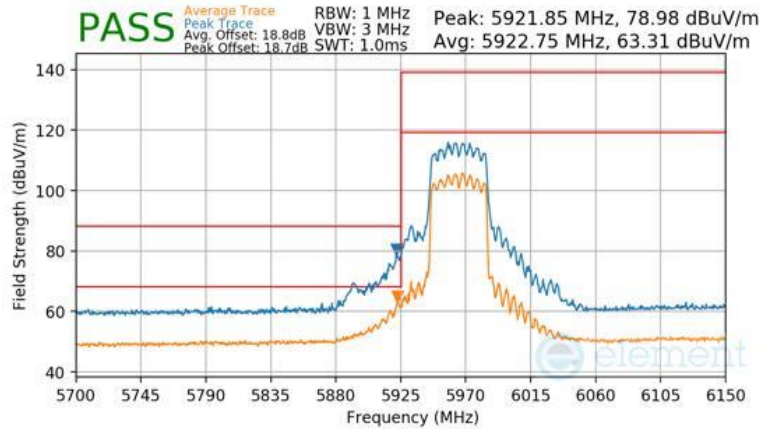


Plot 7-1684 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU26

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 602 of 649

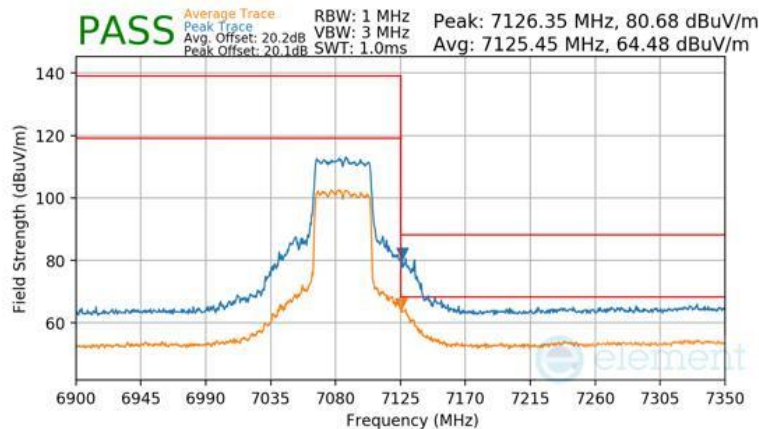
RU484

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5965MHz
Channel: 3



Plot 7-1685 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU484

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 7085MHz
Channel: 227



Plot 7-1686 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU484

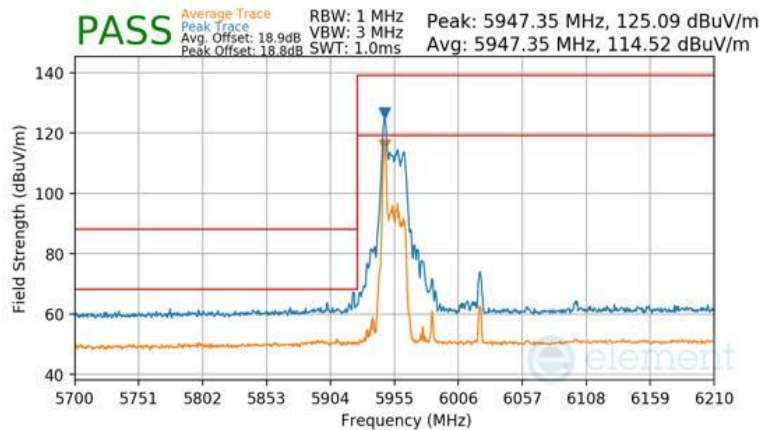
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 603 of 649

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7.7.21 CDD/SDM Diversity Radiated Band Edge Measurements (80MHz BW)

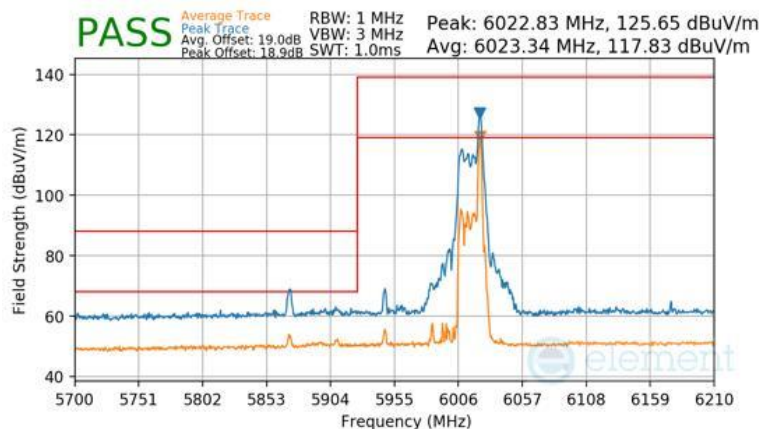
RU26

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 0
Distance of Measurements: 3 Meters
Operating Frequency: 5985MHz
Channel: 7



Plot 7-1687 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU26

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 36
Distance of Measurements: 3 Meters
Operating Frequency: 5985MHz
Channel: 7

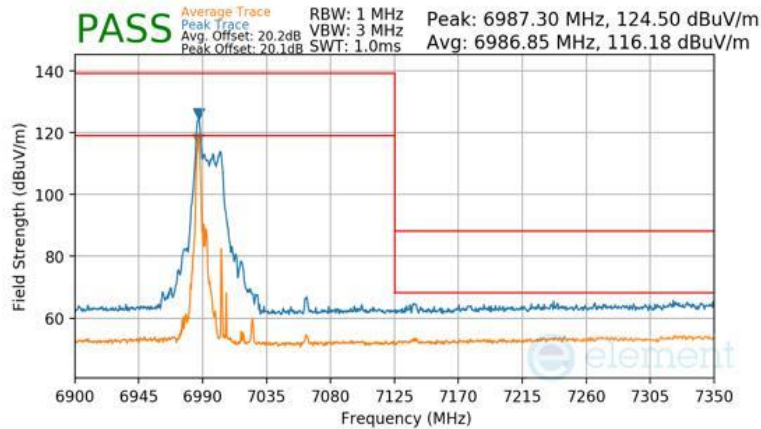


Plot 7-1688 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU26

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 604 of 649

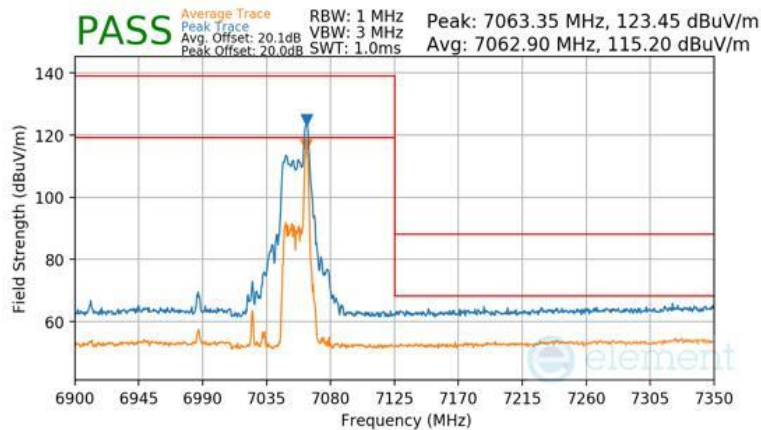
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 0
Distance of Measurements: 3 Meters
Operating Frequency: 7025MHz
Channel: 215



Plot 7-1689 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU26

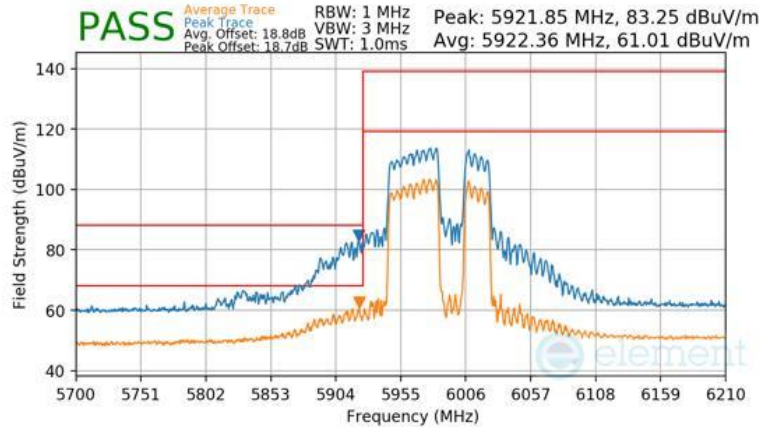
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 36
Distance of Measurements: 3 Meters
Operating Frequency: 7025MHz
Channel: 215



Plot 7-1690 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU26

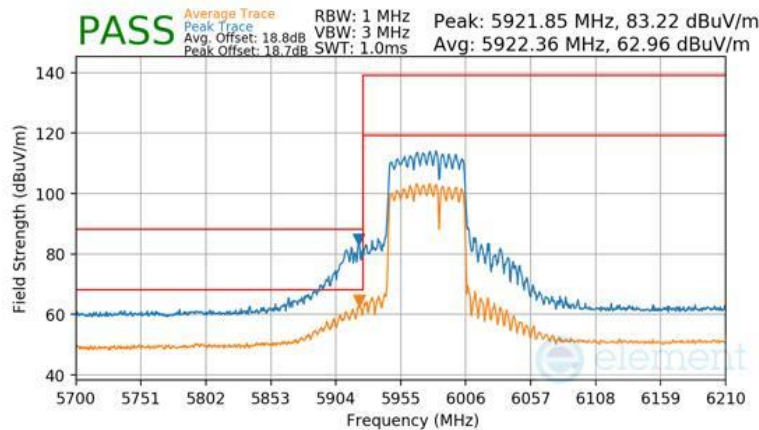
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 605 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 92
Distance of Measurements: 3 Meters
Operating Frequency: 5985MHz
Channel: 7



Plot 7-1693 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU484+242

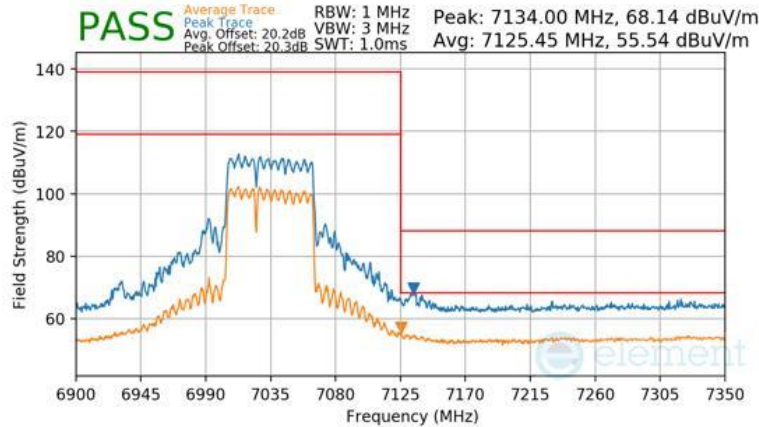
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 93
Distance of Measurements: 3 Meters
Operating Frequency: 5985MHz
Channel: 7



Plot 7-1694 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU484+242

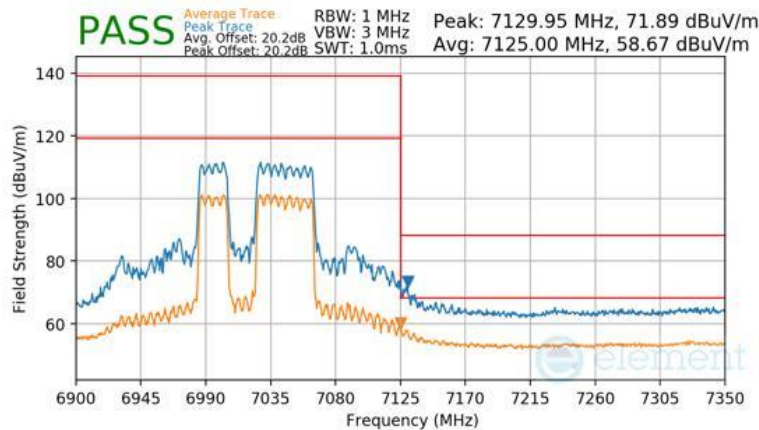
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 607 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 90
Distance of Measurements: 3 Meters
Operating Frequency: 7025MHz
Channel: 215



Plot 7-1695 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU484+242

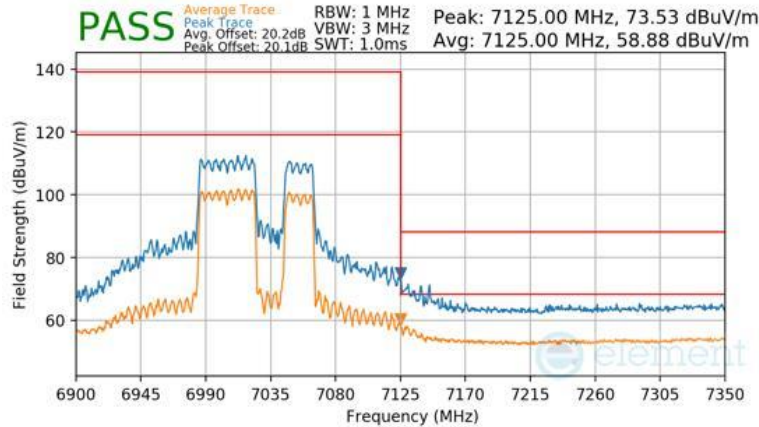
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 91
Distance of Measurements: 3 Meters
Operating Frequency: 7025MHz
Channel: 215



Plot 7-1696 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU484+242

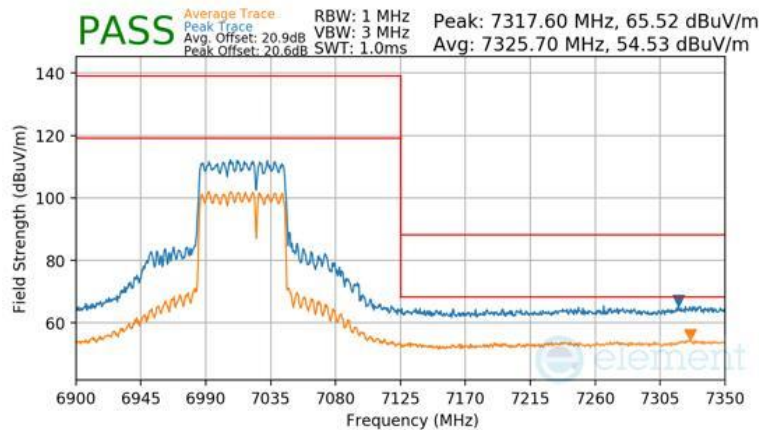
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 608 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 92
Distance of Measurements: 3 Meters
Operating Frequency: 7025MHz
Channel: 215



Plot 7-1697 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU484+242

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 93
Distance of Measurements: 3 Meters
Operating Frequency: 7025MHz
Channel: 215



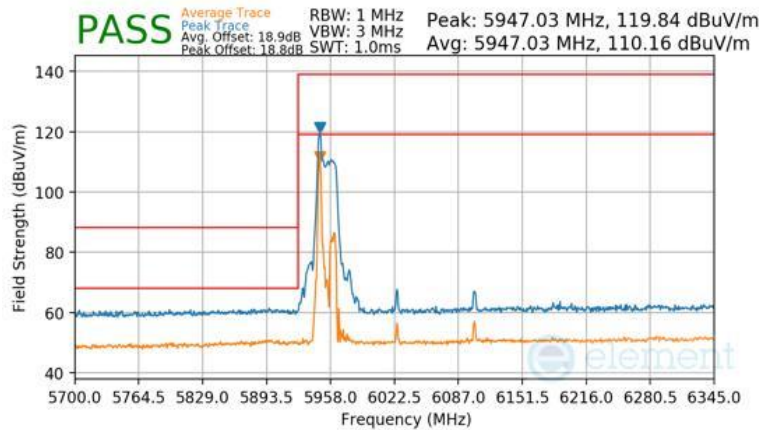
Plot 7-1698 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU484+242

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 609 of 649

7.7.22 CDD/SDM Diversity Radiated Band Edge Measurements (160MHz BW)

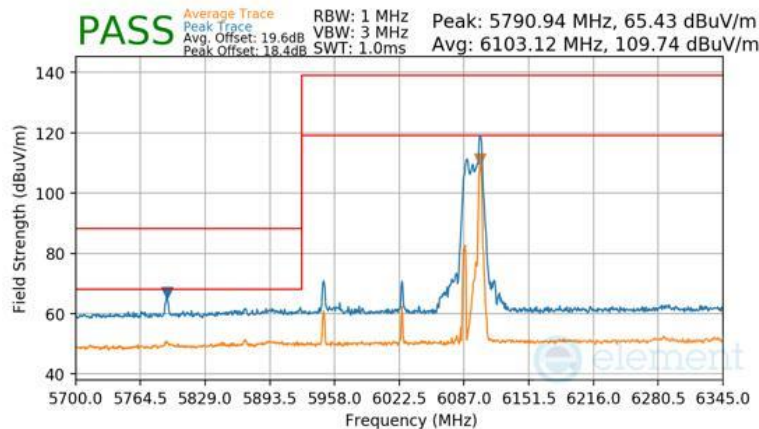
RU26

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 0
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1701 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU26 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 36
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



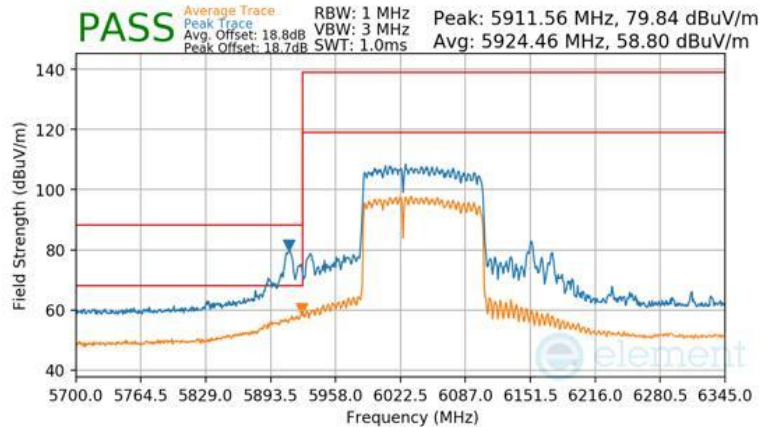
Plot 7-1702 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU26 (H)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 611 of 649

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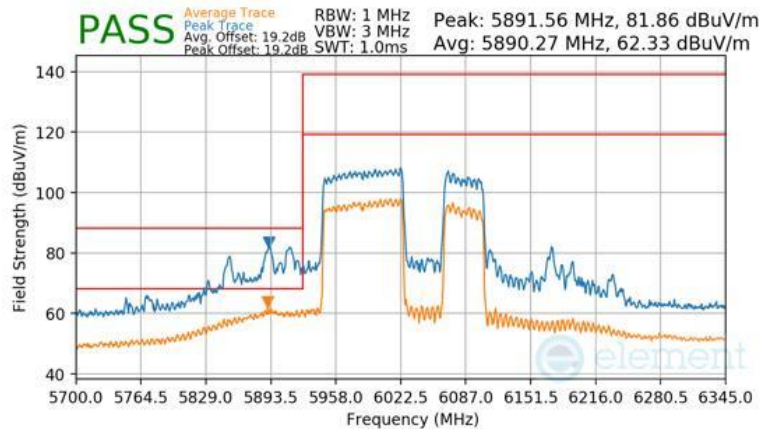
MRU

Mode:	802.11be OFDMA
Transfer Rate:	MCS11
RU Index:	94
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-1705 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484 (L)

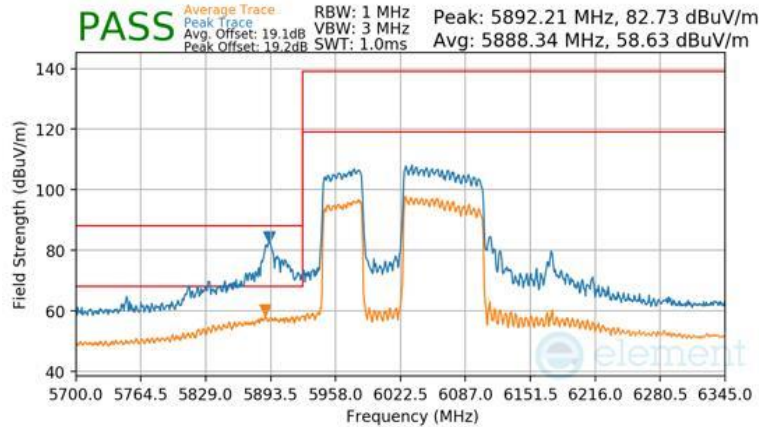
Mode:	802.11be OFDMA
Transfer Rate:	MCS11
RU Index:	94
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15



Plot 7-1706 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484 (H)

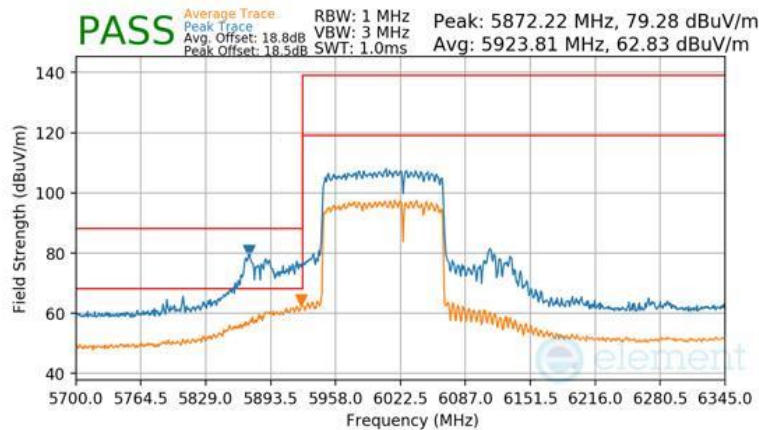
FCC ID: BCGA3460 IC: 579C-A3460	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 613 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1707 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15

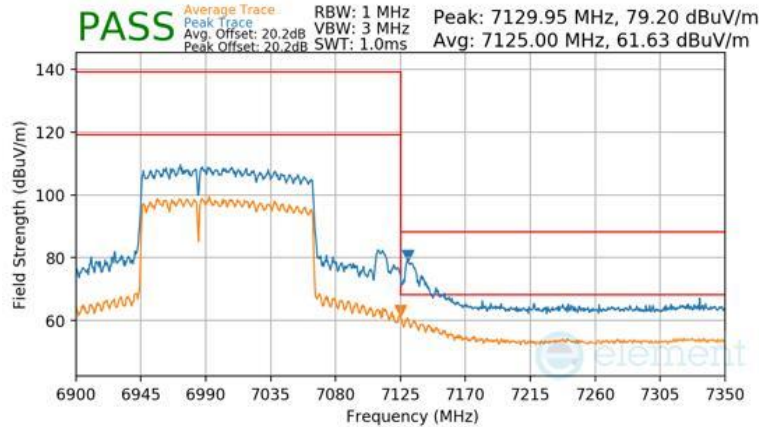


Plot 7-1708 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484 (H)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 614 of 649

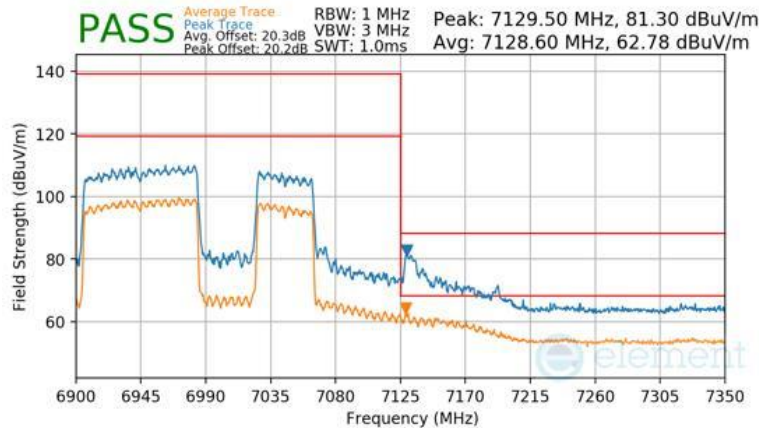
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 94
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1709 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484 (L)

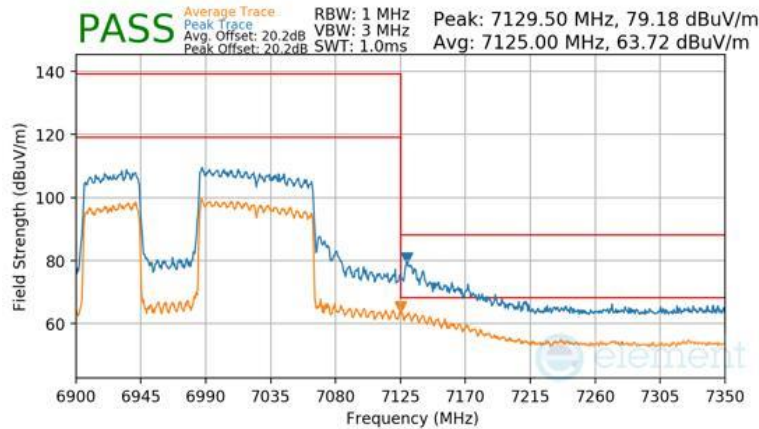
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 94
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1710 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484 (H)

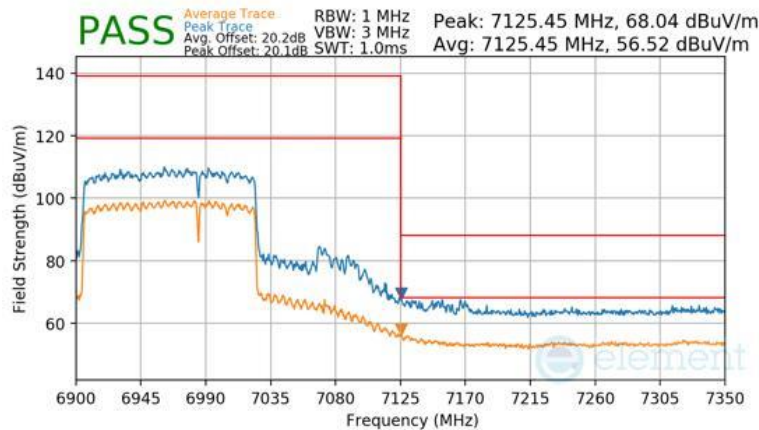
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 615 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1711 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207

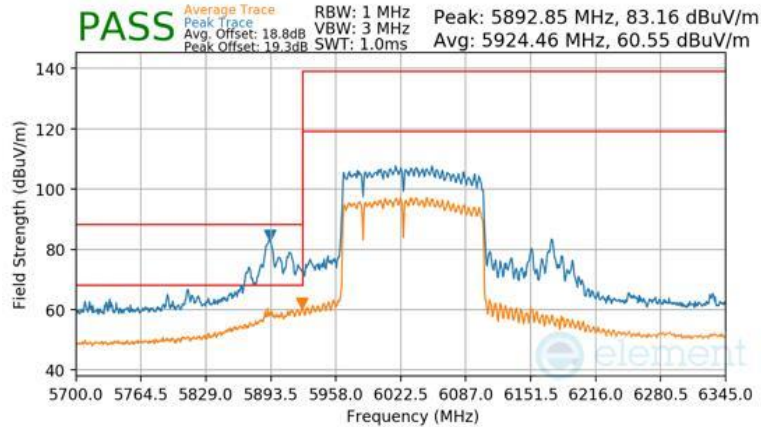


Plot 7-1712 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484 (H)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 616 of 649

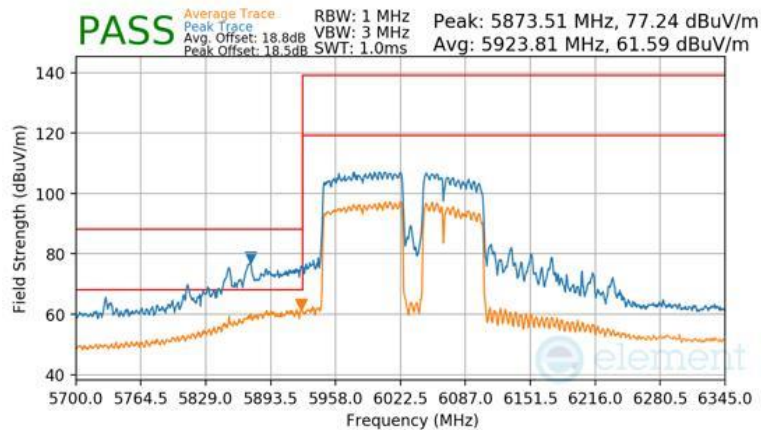
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1713 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (L)

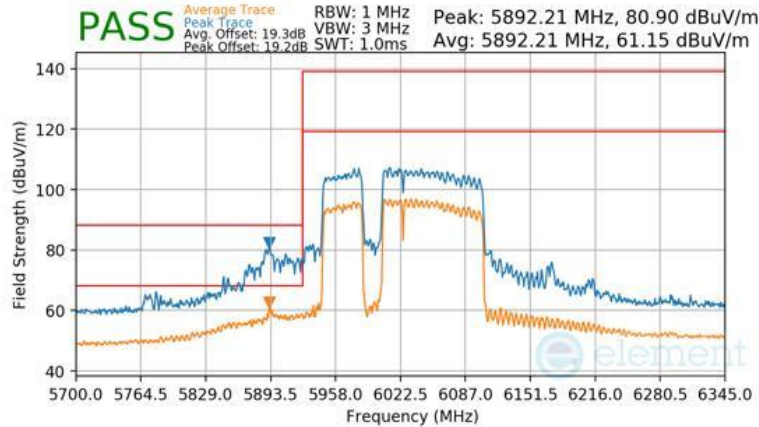
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1714 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

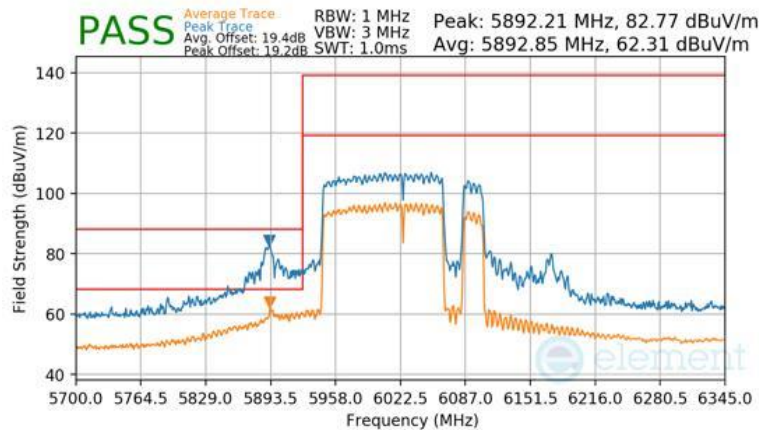
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 617 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1717 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15

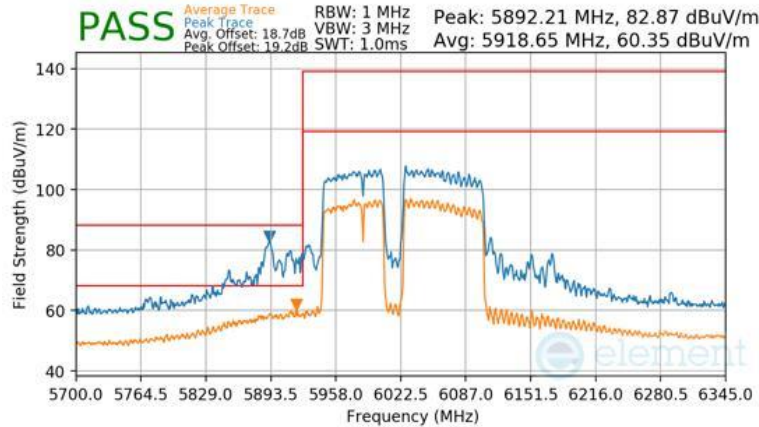


Plot 7-1718 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 619 of 649

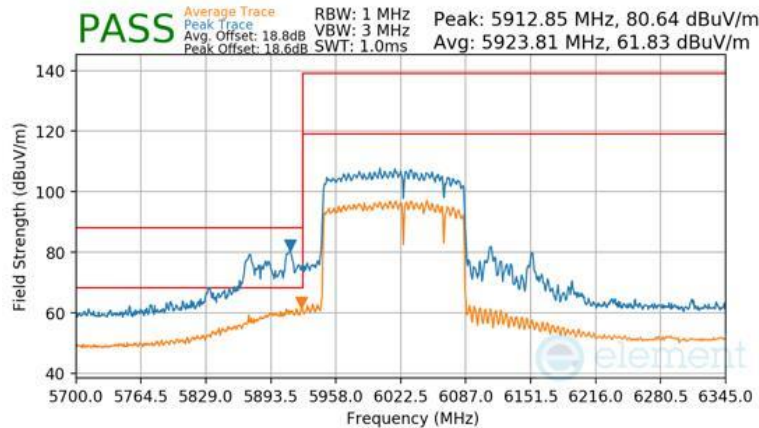
V 11.0 05/2025

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1719 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (L)

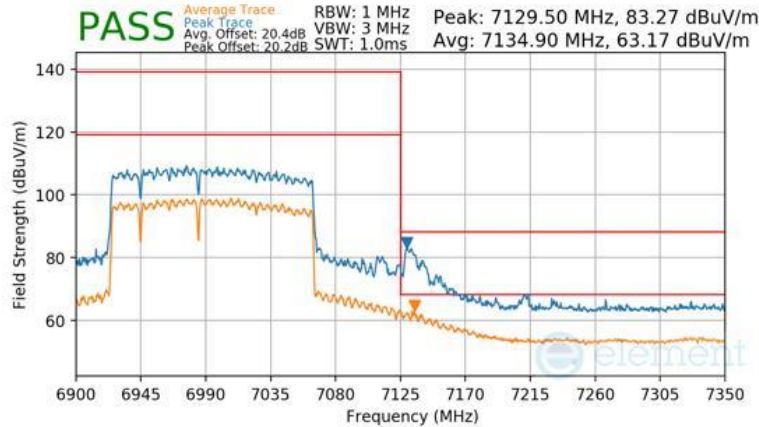
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1720 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

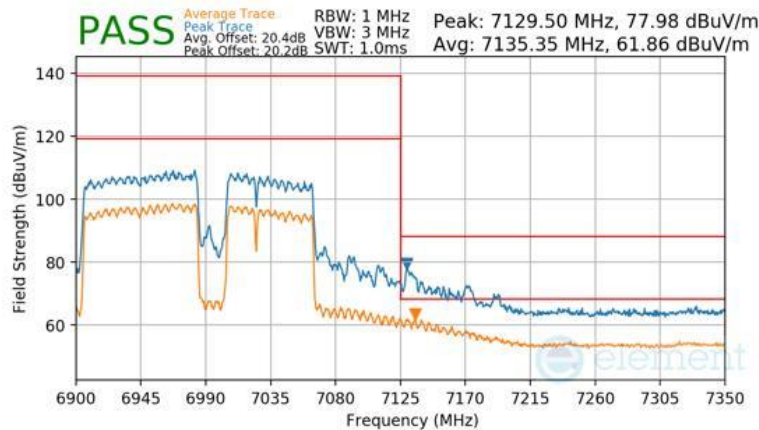
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 620 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1721 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

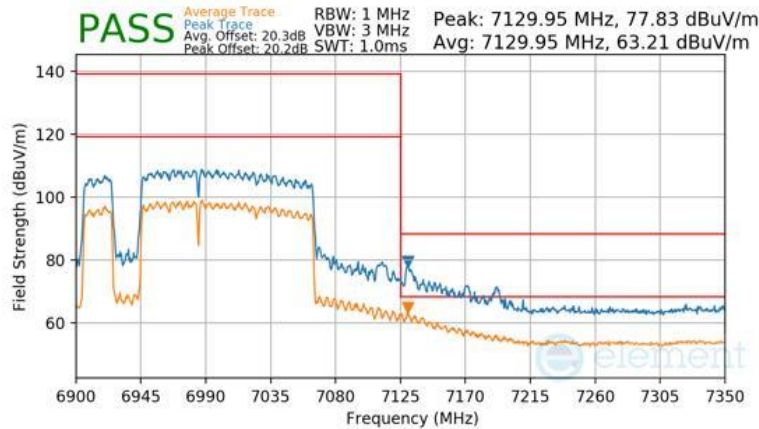
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1722 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

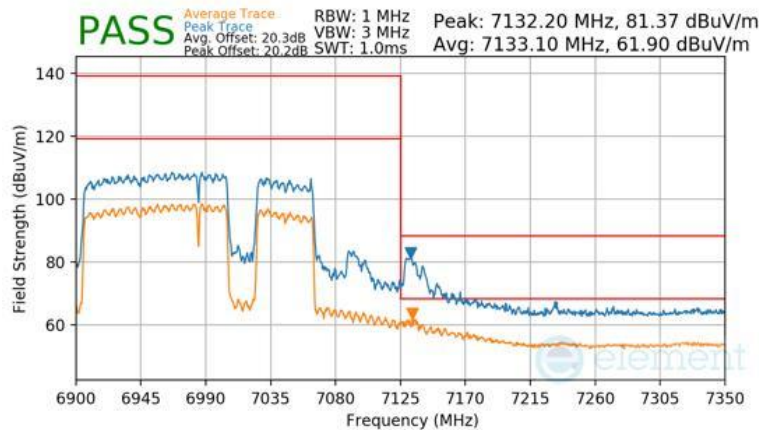
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG			Page 621 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1723 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

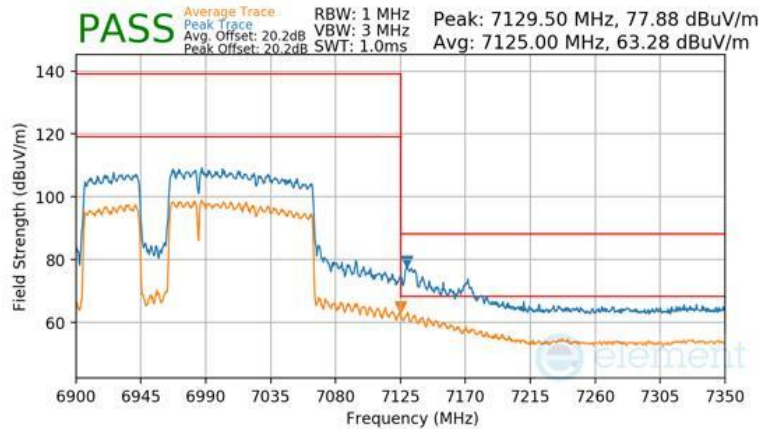
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1724 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

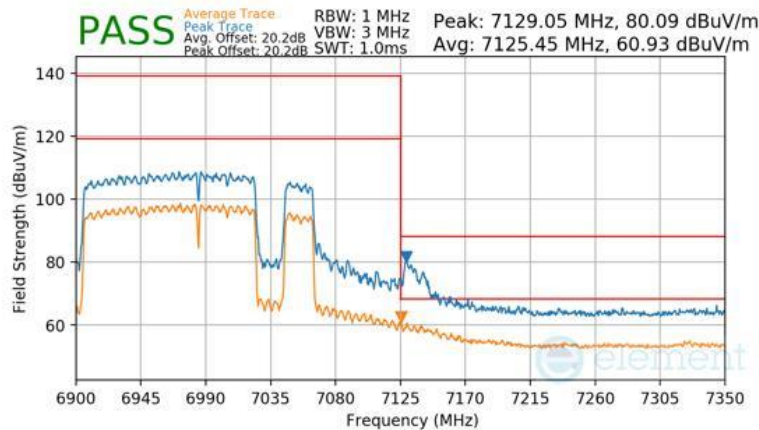
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 622 of 649

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1725 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207

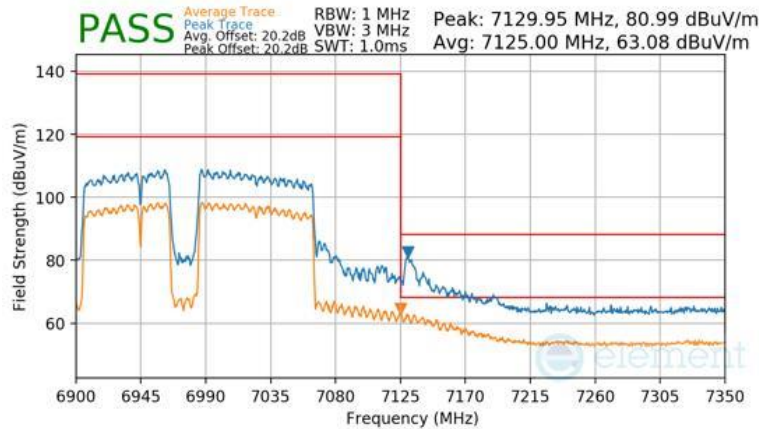


Plot 7-1726 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 623 of 649

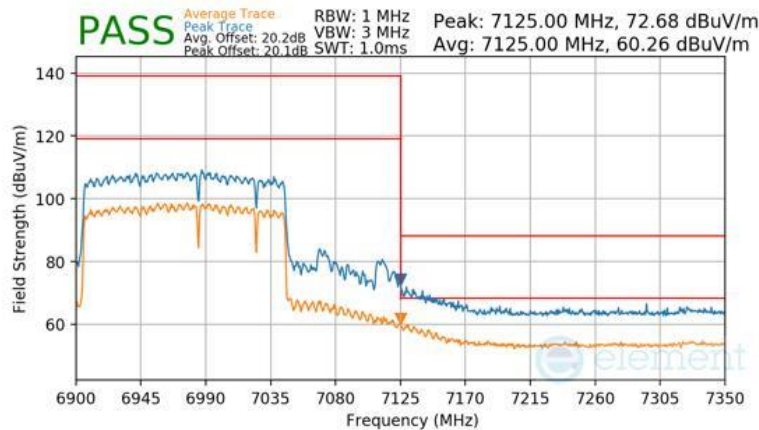
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Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1727 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



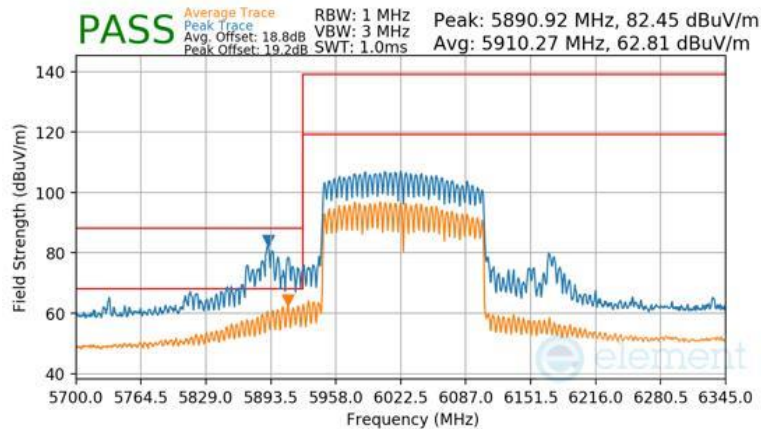
Plot 7-1728 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 624 of 649

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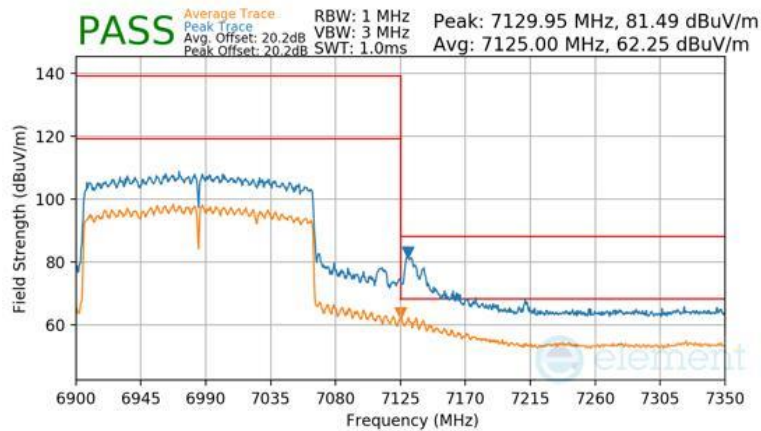
RU996x2

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 68
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1729 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996X2

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 68
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1730 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996X2

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 625 of 649

7.8 Radiated Spurious Emissions – Below 1GHz

§15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-252 per Section 15.209 and RSS-Gen (8.9).

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

Table 7-252. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = quasi-peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Test Setup

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

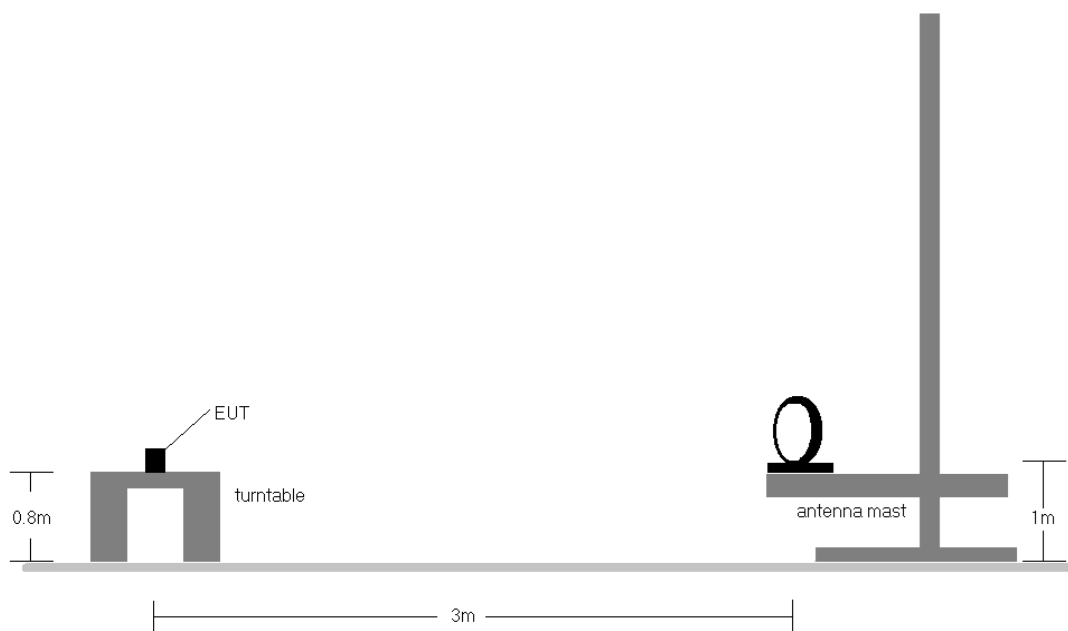


Figure 7-6. Radiated Test Setup < 30MHz

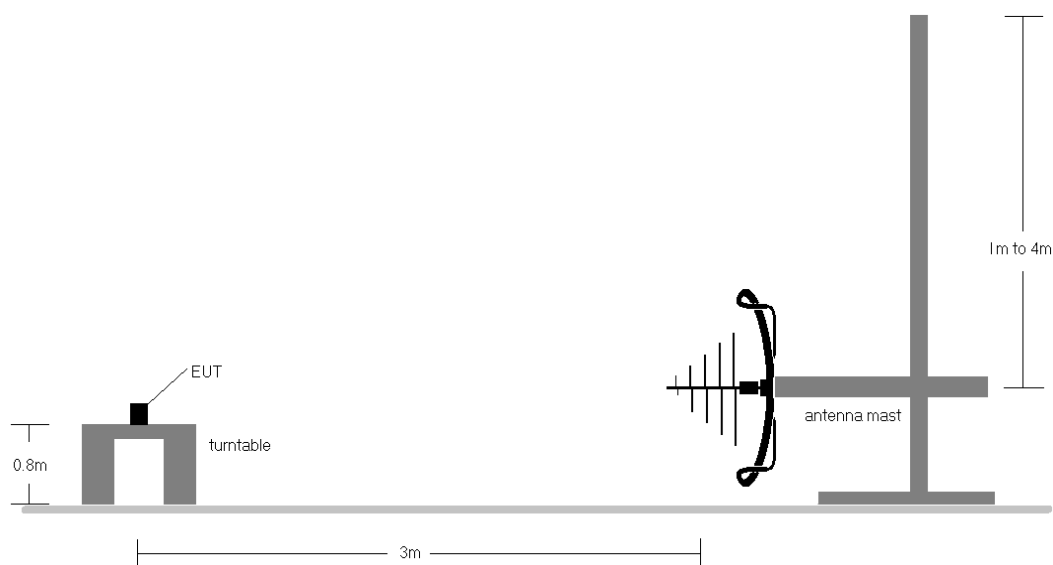


Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 627 of 649

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Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-252.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector on emissions that were within 6dB of the limit.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
9. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - b. EUT powered by host PC via USB-C cable with wire charger
10. All antenna configurations were investigated and only the worst case is reported.
11. The unit was tested with all possible modes and only the highest emission is reported.

Sample Calculations

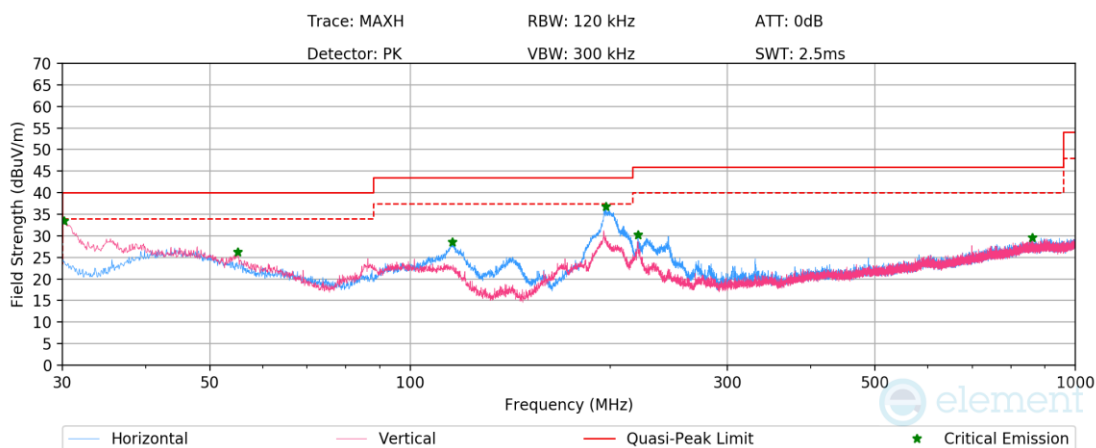
Determining Spurious Emissions Levels

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

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-25-R2.BCG	Test Dates: 09/18/2025 - 12/4/2025	EUT Type: Tablet Device	Page 628 of 649

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7.8.1 CDD Primary Radiated Spurious Emissions Measurements (Below 1GHz)



Plot 7-1731. Radiated Spurious Emissions below 1GHz CDD Primary (802.11be – Ch.45 – RU26) with AC/DC Adapter

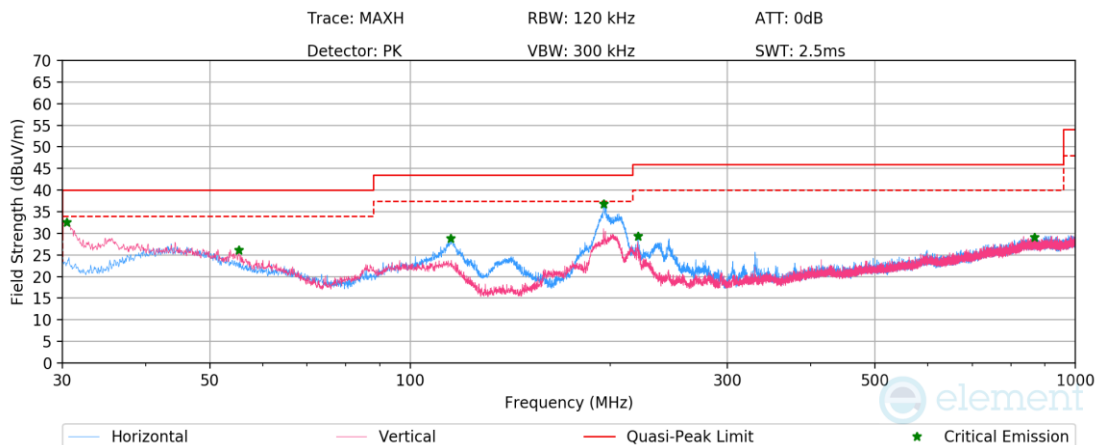
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
30.15	Max-Peak	V	100	-	-54.35	-19.22	33.42	40.00	-6.58
55.05	Max-Peak	V	100	-	-65.07	-15.67	26.26	40.00	-13.74
115.65	Max-Peak	H	200	-	-59.54	-18.95	28.51	43.50	-14.99
197.07	Max-Peak	H	100	-	-52.75	-17.48	36.77	43.50	-6.73
220.11	Max-Peak	H	100	-	-59.29	-17.42	30.29	46.00	-15.71
861.31	Max-Peak	H	300	-	-72.68	-4.76	29.55	46.00	-16.45

Table 7-253. Radiated Spurious Emissions below 1GHz CDD Primary (802.11be – Ch.45 – RU26) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1732. Radiated Spurious Emissions below 1GHz CDD Primary (802.11be – Ch.45 – RU242) with AC/DC Adapter

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
30.15	Max-Peak	V	100	-	-54.35	-19.22	33.42	40.00	-6.58
55.05	Max-Peak	V	100	-	-65.07	-15.67	26.26	40.00	-13.74
115.65	Max-Peak	H	200	-	-59.54	-18.95	28.51	43.50	-14.99
197.07	Max-Peak	H	100	-	-52.75	-17.48	36.77	43.50	-6.73
220.11	Max-Peak	H	100	-	-59.29	-17.42	30.29	46.00	-15.71
861.31	Max-Peak	H	300	-	-72.68	-4.76	29.55	46.00	-16.45

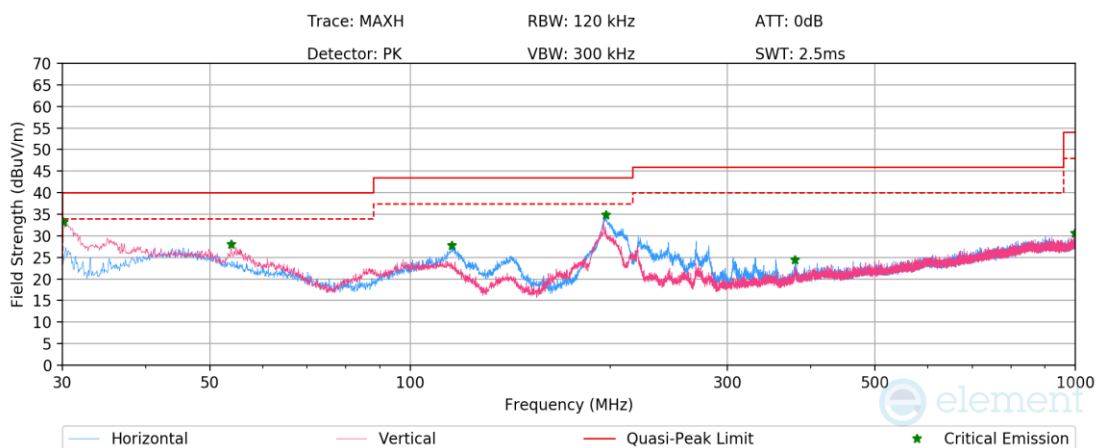
Table 7-254. Radiated Spurious Emissions below 1GHz CDD Primary (802.11be – Ch.45 – RU242) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.8.2 CDD Diversity Radiated Spurious Emissions Measurements (Below 1GHz)



Plot 7-1733. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11be – Ch.45 – RU26) with AC/DC Adapter

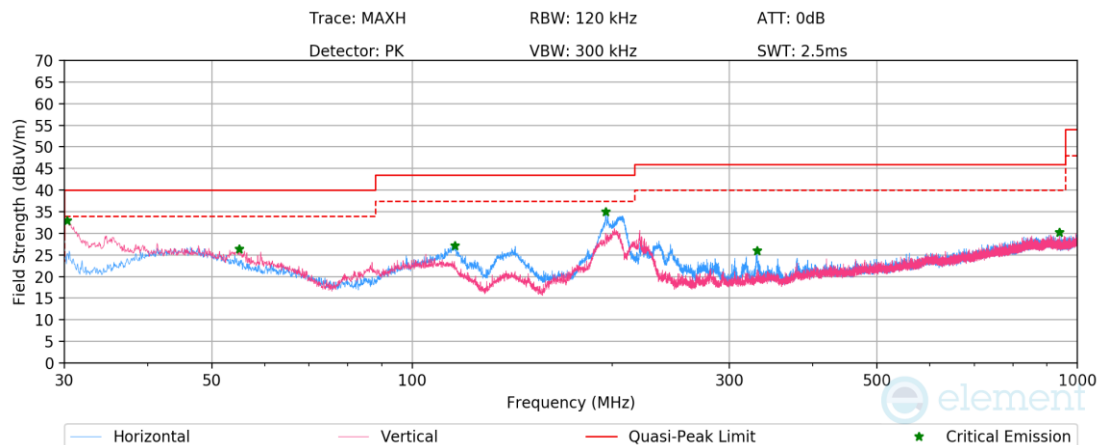
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
30.09	Max-Peak	V	100	-	-54.80	-19.03	33.17	40.00	-6.83
53.79	Max-Peak	V	100	-	-63.46	-15.44	28.10	40.00	-11.90
115.53	Max-Peak	H	200	-	-60.10	-19.09	27.81	43.50	-15.69
196.95	Max-Peak	H	100	-	-54.64	-17.48	34.87	43.50	-8.63
378.86	Max-Peak	H	100	-	-69.27	-13.34	24.39	46.00	-21.61
998.41	Max-Peak	H	300	-	-72.91	-3.45	30.64	54.00	-23.36

Table 7-255. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11be – Ch.45 – RU26) with AC/DC Adaptor

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1734. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11be – Ch.45 – RU242) with AC/DC Adaptor

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]
30.27	Max-Peak	V	200	-	-54.94	-19.10	32.96	40.00	-7.04
54.99	Max-Peak	V	100	-	-65.01	-15.56	26.42	40.00	-13.58
115.83	Max-Peak	H	200	-	-60.71	-19.15	27.14	43.50	-16.36
195.39	Max-Peak	H	200	-	-54.31	-17.73	34.96	43.50	-8.54
330.02	Max-Peak	H	100	-	-66.65	-14.29	26.05	46.00	-19.95
940.27	Max-Peak	H	200	-	-72.48	-4.33	30.19	46.00	-15.81

Table 7-256. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11be – Ch.45 – RU242) with AC/DC Adaptor

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.9 AC Line-Conducted Emissions Measurement

§15.407; RSS-Gen [8.8]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for AC Line conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (8.8).

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

Table 7-257. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024, Section 6.2

Test Settings

Quasi-Peak Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Test Setup

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

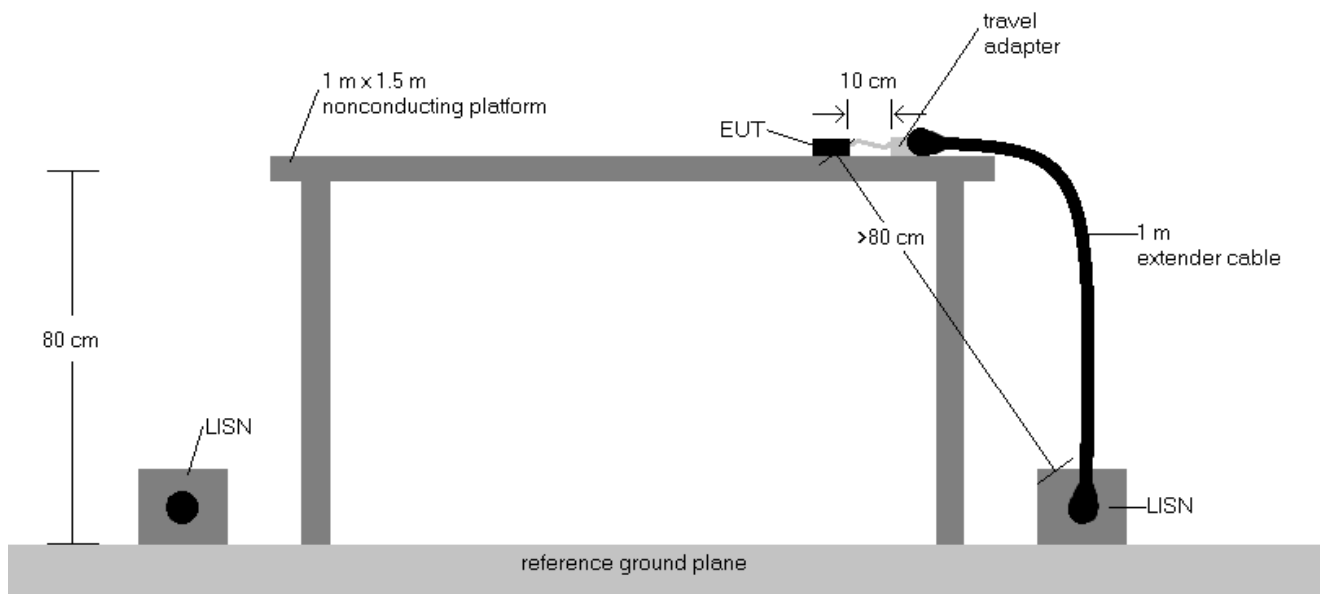


Figure 7-8. Test Instrument & Measurement Setup

Test Notes

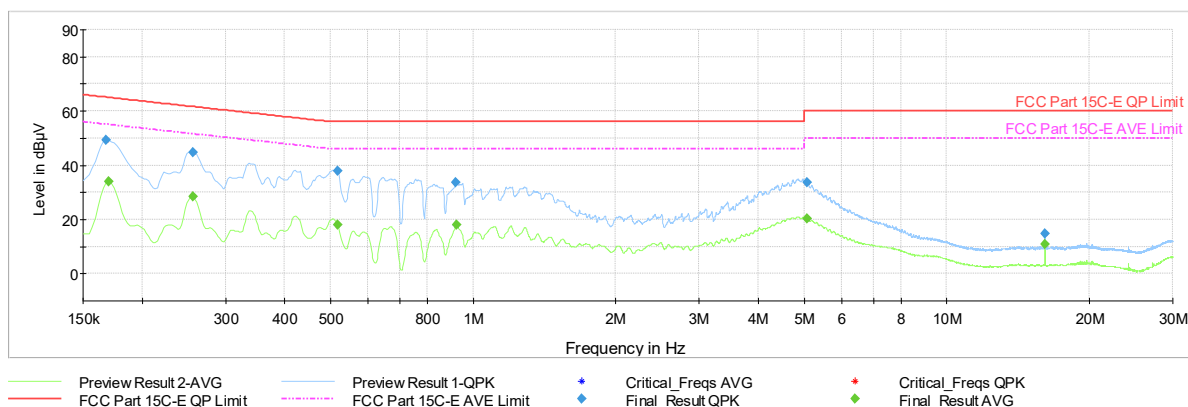
1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - b. EUT powered by host PC via USB-C cable with wire charger
3. The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207 and RSS-Gen (8.8).
4. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Correction Factor (dB)}$
6. $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plots are made using quasi-peak and average detectors.
8. Deviations to the Specifications: None.
9. The unit was tested with all possible modes and only the highest emission is reported.

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.9.1 CDD Primary



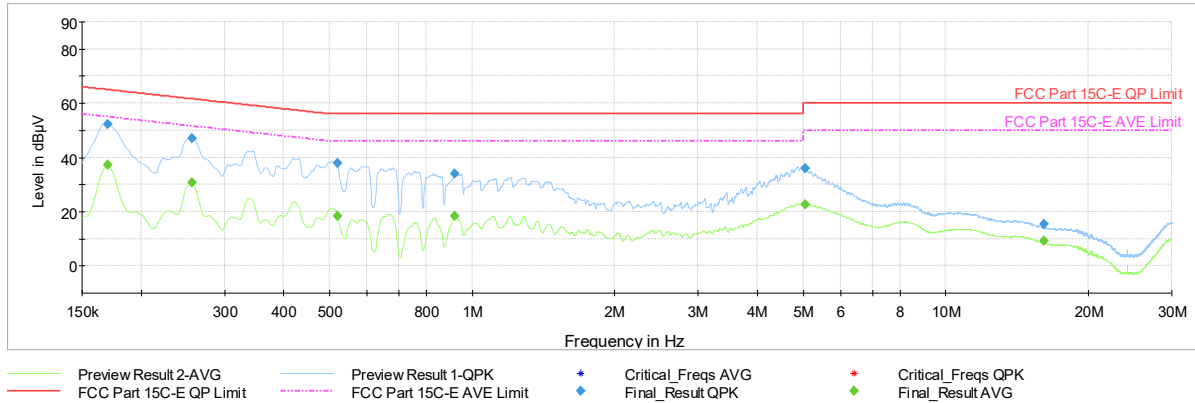
Plot 7-1735. AC Line Conducted Plot with 11be CDD Primary UNII Band 5 – RU26 – Ch.45 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.17	FINAL	49.34	---	65.06	-15.72	L1	GND
0.17	FINAL	---	34.09	54.95	-20.86	L1	GND
0.26	FINAL	---	28.29	51.57	-23.28	L1	GND
0.26	FINAL	44.72	---	61.57	-16.85	L1	GND
0.52	FINAL	---	18.04	46.00	-27.96	L1	GND
0.52	FINAL	37.80	---	56.00	-18.20	L1	GND
0.92	FINAL	33.58	---	56.00	-22.42	L1	GND
0.92	FINAL	---	17.89	46.00	-28.11	L1	GND
5.08	FINAL	---	20.22	50.00	-29.78	L1	GND
5.08	FINAL	33.66	---	60.00	-26.34	L1	GND
16.13	FINAL	---	10.87	50.00	-39.13	L1	GND
16.13	FINAL	14.75	---	60.00	-45.25	L1	GND

Table 7-258. AC Line Conducted Data with 11be CDD Primary UNII Band 5 – RU26 – Ch.45 (L1) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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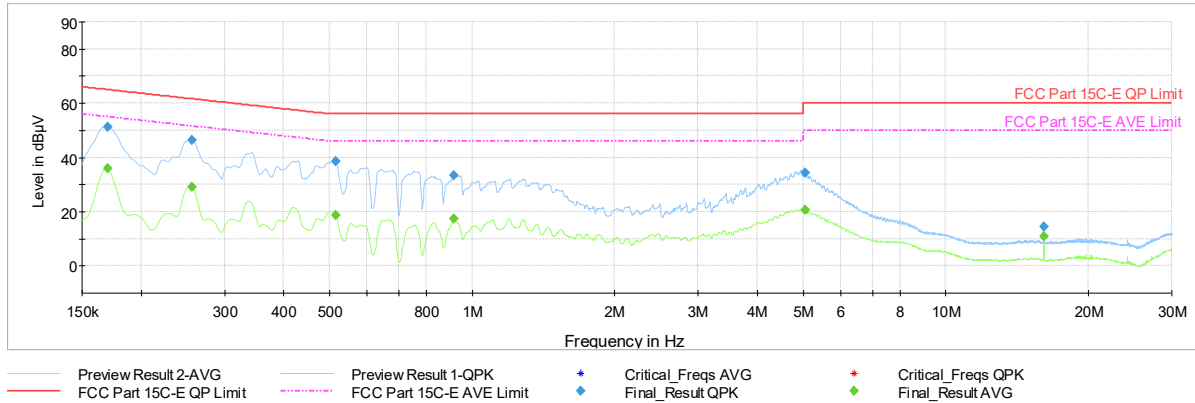
Plot 7-1736. AC Line Conducted Plot with 11be CDD Primary UNII Band 5 – RU26 – Ch.45 (N) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	37.08	54.95	-17.87	N	GND
0.17	FINAL	52.25	---	64.95	-12.70	N	GND
0.26	FINAL	---	30.57	51.57	-21.00	N	GND
0.26	FINAL	46.91	---	61.57	-14.66	N	GND
0.52	FINAL	37.84	---	56.00	-18.16	N	GND
0.52	FINAL	---	18.22	46.00	-27.78	N	GND
0.92	FINAL	33.90	---	56.00	-22.10	N	GND
0.92	FINAL	---	18.47	46.00	-27.53	N	GND
5.05	FINAL	---	22.65	50.00	-27.35	N	GND
5.06	FINAL	35.83	---	60.00	-24.17	N	GND
16.13	FINAL	---	9.30	50.00	-40.70	N	GND
16.13	FINAL	15.36	---	60.00	-44.64	N	GND

Table 7-259. AC Line Conducted Data with 11be CDD Primary UNII Band 5 – RU26 – Ch.45 (N) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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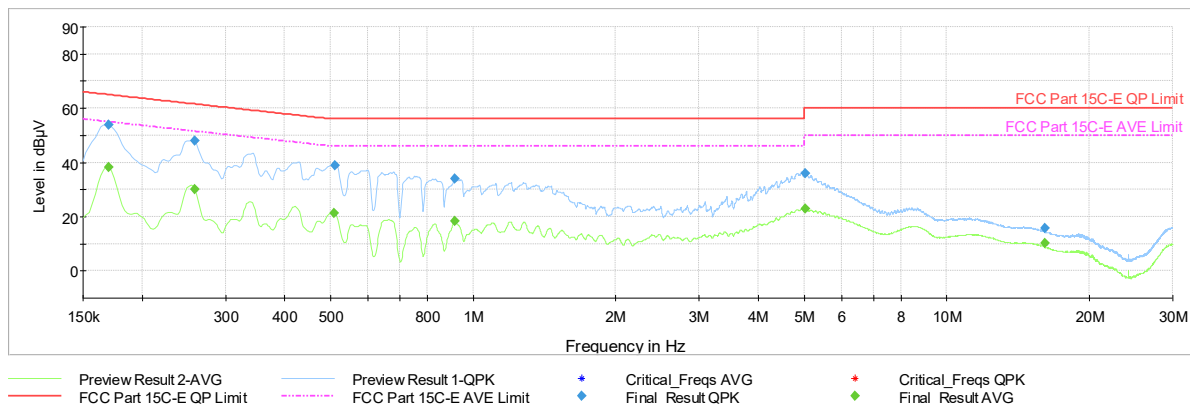
Plot 7-1737. AC Line Conducted Plot with 11be CDD Primary UNII Band 5 – RU242 – Ch.45 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	35.78	54.95	-19.17	L1	GND
0.17	FINAL	51.37	---	64.95	-13.58	L1	GND
0.26	FINAL	---	29.22	51.57	-22.35	L1	GND
0.26	FINAL	46.36	---	61.57	-15.21	L1	GND
0.52	FINAL	---	18.75	46.00	-27.25	L1	GND
0.52	FINAL	38.67	---	56.00	-17.33	L1	GND
0.91	FINAL	33.43	---	56.00	-22.57	L1	GND
0.91	FINAL	---	17.47	46.00	-28.53	L1	GND
5.04	FINAL	34.23	---	60.00	-25.77	L1	GND
5.04	FINAL	---	20.52	50.00	-29.48	L1	GND
16.11	FINAL	---	10.84	50.00	-39.16	L1	GND
16.11	FINAL	14.39	---	60.00	-45.61	L1	GND

Table 7-260. AC Line Conducted Data with 11be CDD Primary UNII Band 5 – RU242 – Ch.45 (L1) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1738. AC Line Conducted Plot with 11be CDD Primary UNII Band 5 – RU242 – Ch.45 (N) with AC/DC Adapter

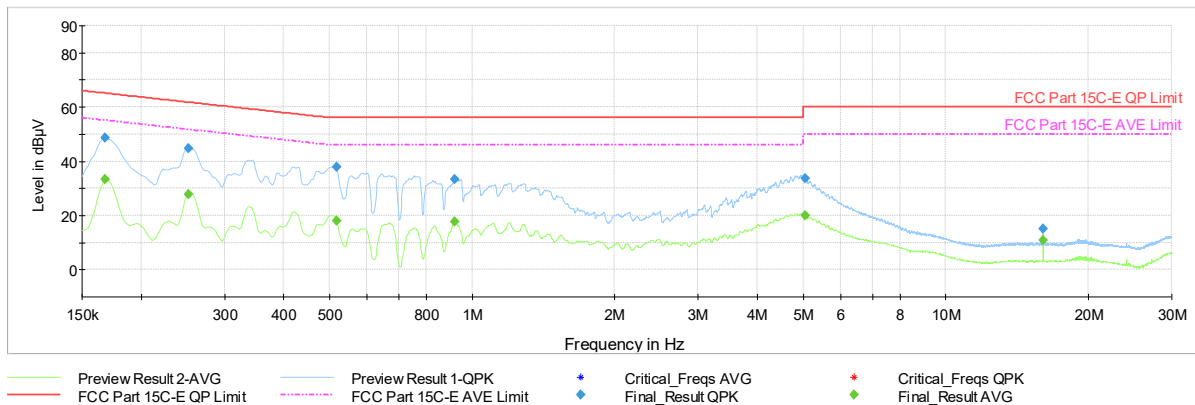
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	38.30	54.95	-16.65	N	GND
0.17	FINAL	53.90	---	64.95	-11.05	N	GND
0.26	FINAL	---	30.16	51.50	-21.34	N	GND
0.26	FINAL	48.07	---	61.50	-13.43	N	GND
0.51	FINAL	---	21.27	46.00	-24.73	N	GND
0.51	FINAL	38.83	---	56.00	-17.17	N	GND
0.91	FINAL	33.92	---	56.00	-22.08	N	GND
0.91	FINAL	---	18.46	46.00	-27.54	N	GND
5.03	FINAL	36.04	---	60.00	-23.96	N	GND
5.04	FINAL	---	22.74	50.00	-27.26	N	GND
16.10	FINAL	---	10.14	50.00	-39.86	N	GND
16.10	FINAL	15.74	---	60.00	-44.26	N	GND

Table 7-261. AC Line Conducted Data with 11be CDD Primary UNII Band 5 – RU242 – Ch.45 (N) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.9.2 CDD Diversity



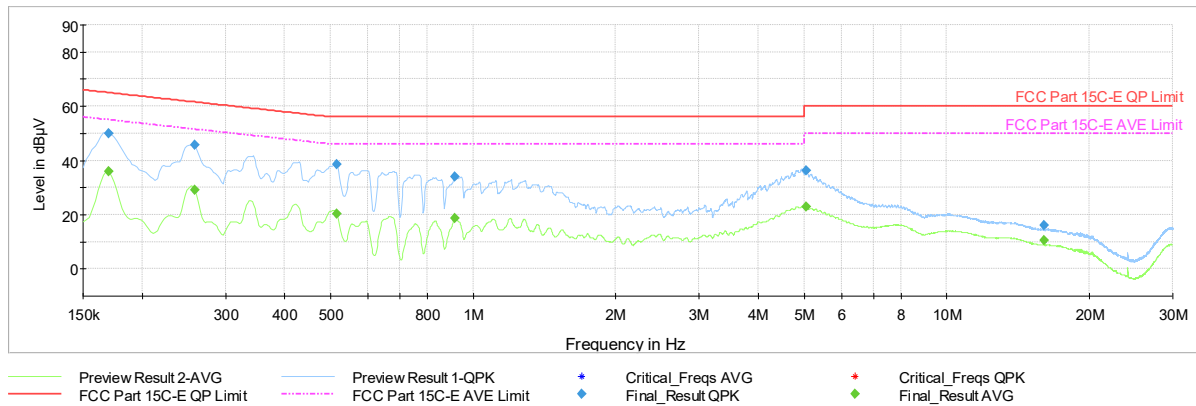
Plot 7-1739. AC Line Conducted Plot with 11be CDD Diversity UNII Band 5 – RU26 – Ch.45 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	33.23	55.06	-21.83	L1	GND
0.17	FINAL	48.53	---	65.06	-16.53	L1	GND
0.25	FINAL	---	27.91	51.72	-23.81	L1	GND
0.25	FINAL	44.59	---	61.72	-17.13	L1	GND
0.52	FINAL	---	17.99	46.00	-28.01	L1	GND
0.52	FINAL	37.79	---	56.00	-18.21	L1	GND
0.92	FINAL	33.35	---	56.00	-22.65	L1	GND
0.92	FINAL	---	17.70	46.00	-28.30	L1	GND
5.04	FINAL	33.67	---	60.00	-26.33	L1	GND
5.04	FINAL	---	20.10	50.00	-29.90	L1	GND
16.07	FINAL	---	10.91	50.00	-39.09	L1	GND
16.07	FINAL	14.92	---	60.00	-45.08	L1	GND

Table 7-262. AC Line Conducted Data with 11be CDD Diversity UNII Band 5 – RU26 – Ch.45 (L1) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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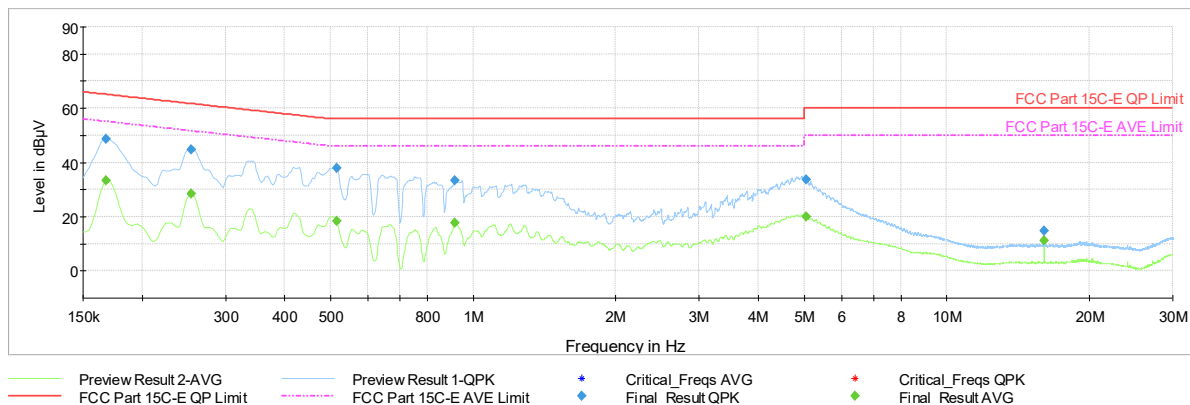


Plot 7-1740. AC Line Conducted Plot with 11be CDD Diversity UNII Band 5 – RU26 – Ch.45 (N) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	35.82	54.95	-19.13	N	GND
0.17	FINAL	50.04	---	64.95	-14.91	N	GND
0.26	FINAL	---	29.18	51.50	-22.32	N	GND
0.26	FINAL	45.60	---	61.50	-15.90	N	GND
0.52	FINAL	---	20.35	46.00	-25.65	N	GND
0.52	FINAL	38.40	---	56.00	-17.60	N	GND
0.92	FINAL	33.93	---	56.00	-22.07	N	GND
0.92	FINAL	---	18.76	46.00	-27.24	N	GND
5.05	FINAL	36.13	---	60.00	-23.87	N	GND
5.05	FINAL	---	22.86	50.00	-27.14	N	GND
16.08	FINAL	---	10.62	50.00	-39.38	N	GND
16.08	FINAL	16.13	---	60.00	-43.87	N	GND

Table 7-263. AC Line Conducted Data with 11be CDD Diversity UNII Band 5 – RU26 – Ch.45 (N) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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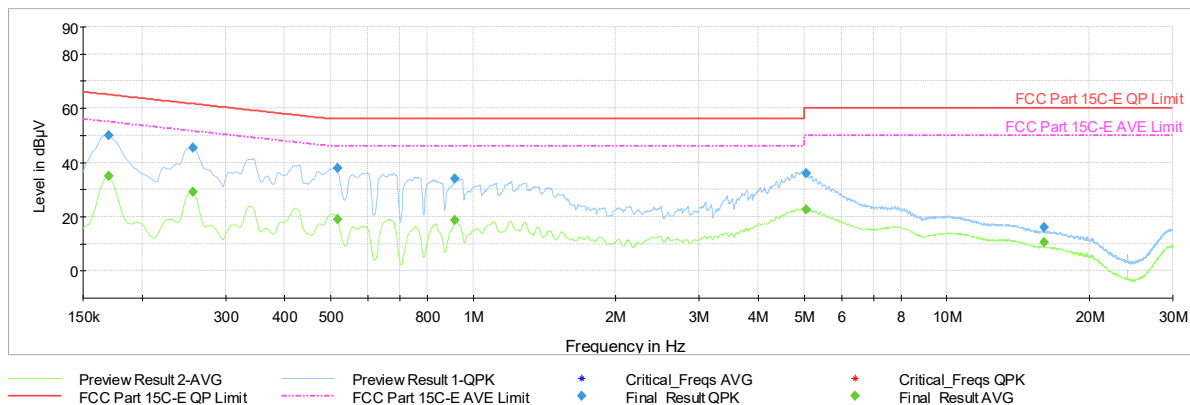
Plot 7-1741. AC Line Conducted Plot with 11be CDD Diversity UNII Band 5 – RU242 – Ch.45 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	33.43	55.06	-21.63	L1	GND
0.17	FINAL	48.72	---	65.06	-16.34	L1	GND
0.25	FINAL	---	28.29	51.64	-23.35	L1	GND
0.25	FINAL	44.64	---	61.64	-17.00	L1	GND
0.52	FINAL	37.94	---	56.00	-18.06	L1	GND
0.52	FINAL	---	18.27	46.00	-27.73	L1	GND
0.92	FINAL	33.38	---	56.00	-22.62	L1	GND
0.92	FINAL	---	17.53	46.00	-28.47	L1	GND
5.04	FINAL	---	20.01	50.00	-29.99	L1	GND
5.04	FINAL	33.74	---	60.00	-26.26	L1	GND
16.06	FINAL	---	11.06	50.00	-38.94	L1	GND
16.06	FINAL	14.89	---	60.00	-45.11	L1	GND

Table 7-264. AC Line Conducted Data with 11be CDD Diversity UNII Band 5 – RU242 – Ch.45 (L1) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1742. AC Line Conducted Plot with 11be CDD Diversity UNII Band 5 – RU242 – Ch.45 (N) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	34.83	54.95	-20.12	N	GND
0.17	FINAL	49.81	---	64.95	-15.14	N	GND
0.26	FINAL	---	29.24	51.57	-22.33	N	GND
0.26	FINAL	45.49	---	61.57	-16.08	N	GND
0.52	FINAL	---	18.88	46.00	-27.12	N	GND
0.52	FINAL	37.95	---	56.00	-18.05	N	GND
0.92	FINAL	33.85	---	56.00	-22.15	N	GND
0.92	FINAL	---	18.51	46.00	-27.49	N	GND
5.04	FINAL	35.99	---	60.00	-24.01	N	GND
5.04	FINAL	---	22.74	50.00	-27.26	N	GND
16.07	FINAL	---	10.48	50.00	-39.52	N	GND
16.07	FINAL	16.08	---	60.00	-43.92	N	GND

Table 7-265. AC Line Conducted Data with 11be CDD Diversity UNII Band 5 – RU242 – Ch.45 (N) with AC/DC Adapter

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.10 Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point

§15.407; RSS-248

Test Overview and Limits

A client device that connects to a Standard Power AP must limit its power to a minimum of 6 dB lower than its associated Standard Power access point's authorized transmit power. The term "authorized" means the AFC-approved power level for the AP to use on a particular channel.

Test Procedure Used

KDB 987594 D03 v03r04 – Section L

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Section 12.4.3.2 Method PM-G

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Section 14.4 Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

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

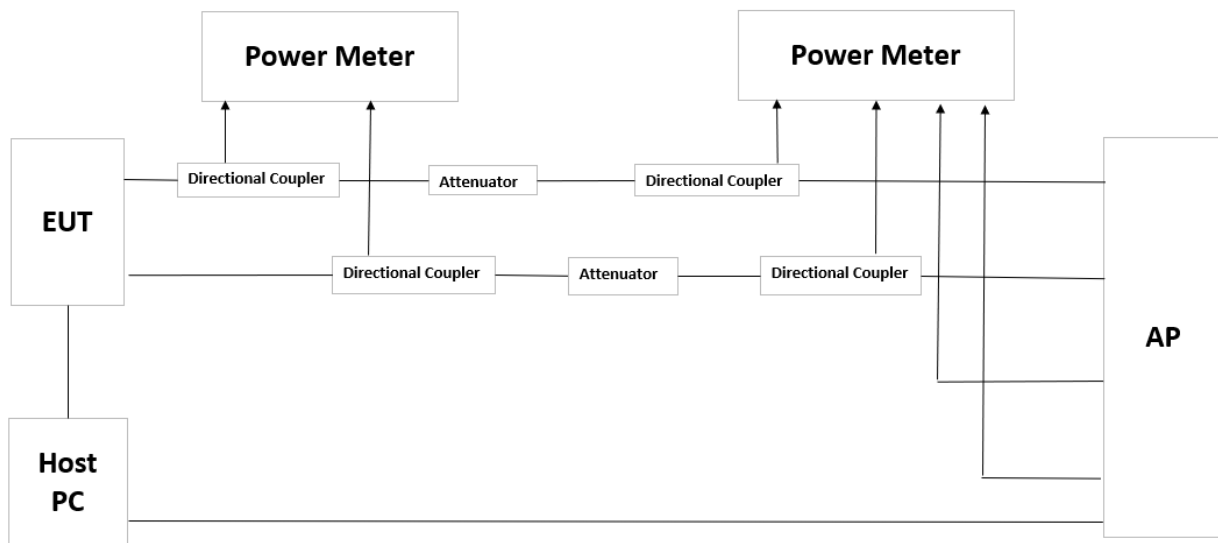


Figure 7-9. Test Instrument & Measurement Setup

Test Notes

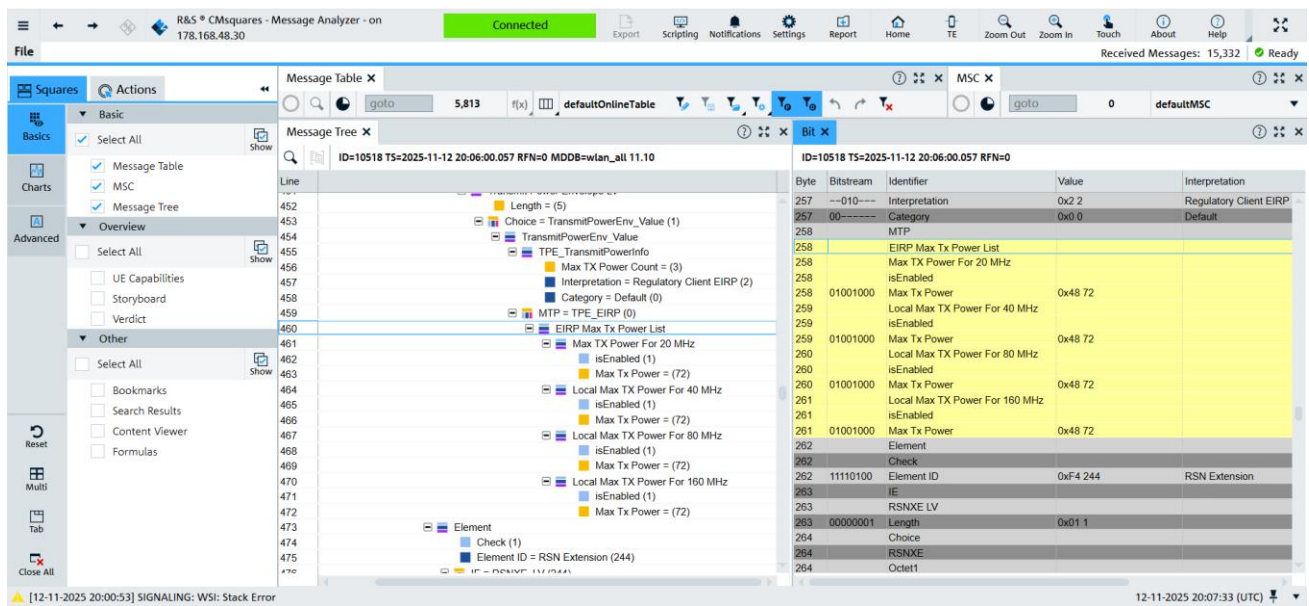
1. CMX500 was used as the AP.
2. If the AP is allowed with a maximal value of 36dbm by the AFC, the AP should advertise the TPE (Transmit Power Envelope) with EIRP (30dBm with a 6dB back-off). The DUT only needs to follow the TPE that the AP is advertising.
3. AFC Limit was set to 36, 28 and 21 dBm EIRP (TPE 30, 22,15 dBm EIRP).

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AFC Authorized Power 36dBm EIRP (TPE – 30dBm)



Plot 7-1743. AFC EIRP/PSD Authorization by channel – 36dBm

Channel	Frequency (MHz)	Power Measured (dBm)			Uncorrelated Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
		Antenna 3c	Antenna 3a	Summed				
53	6215	16.46	16.13	19.31	1.26	20.57	30.00	-9.43

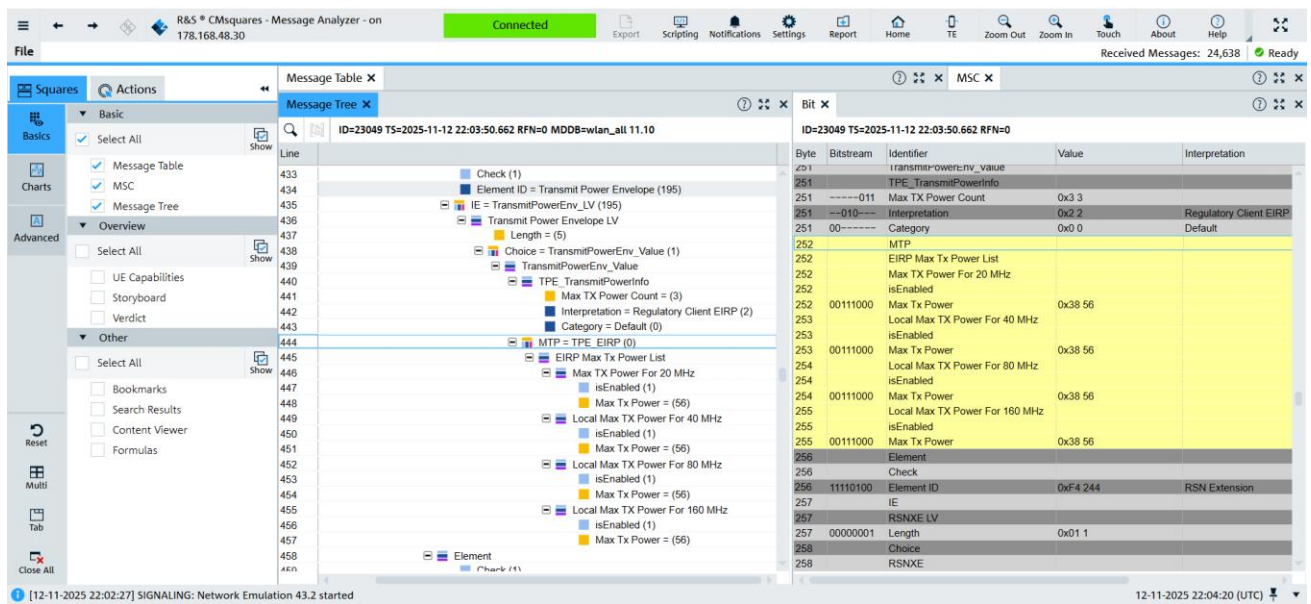
Table 7-266: EUT measured e.i.r.p (MIMO)

FCC ID: BCGA3460 IC: 579C-A3460	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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AFC Authorized Power 28dBm EIRP (TPE – 22dBm)



Plot 7-1744. AFC EIRP/PSD Authorization by channel – 28dBm

Channel	Frequency (MHz)	Power Measured (dBm)			Uncorrelated Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
		Antenna 3c	Antenna 3a	Summed				
53	6215	15.84	16.28	19.08	1.26	20.34	22.00	-1.66

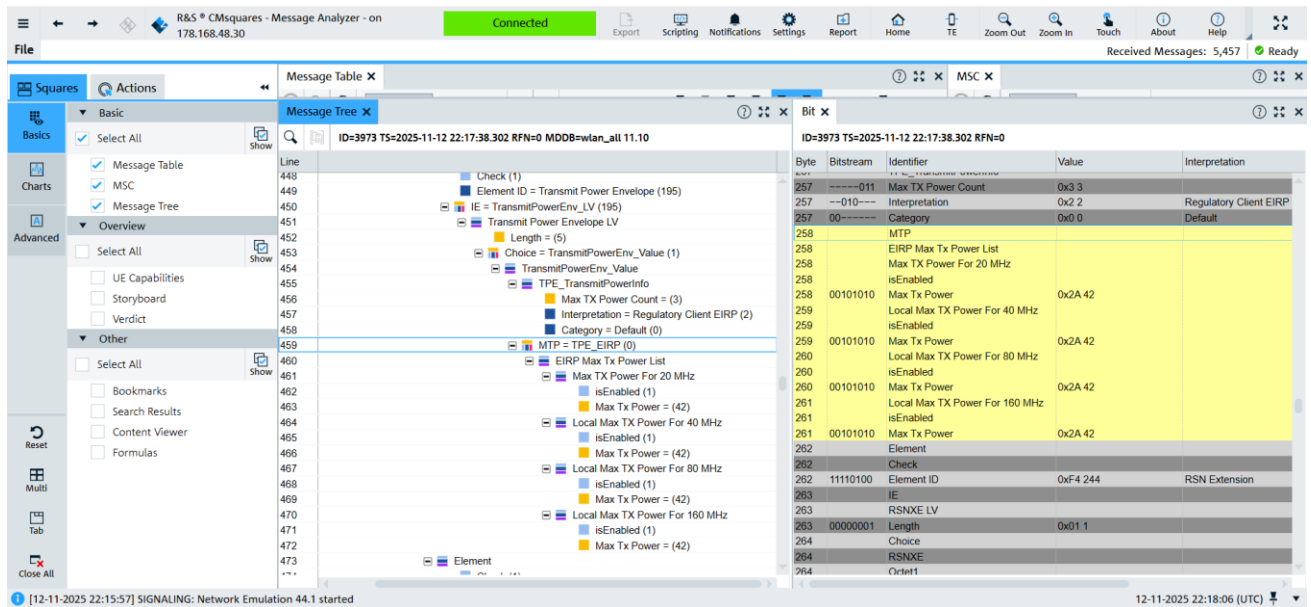
Table 7-267: EUT measured e.i.r.p (MIMO)

FCC ID: BCGA3460 IC: 579C-A3460			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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AFC Authorized Power 21dBm EIRP (TPE – 15dBm)



Plot 7-1745. AFC EIRP/PSD Authorization by channel – 21dBm

Channel	Frequency (MHz)	Power Measured (dBm)			Uncorrelated Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
		Antenna 3c	Antenna 3a	Summed				
53	6215	10.06	10.56	13.33	1.26	14.59	15.00	-0.41

Table 7-268: EUT measured e.i.r.p (SISO)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.11 Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

§15.407; RSS-248

Test Overview and Limits

A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP. A client may also connect to a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP. If a client has the flexibility to connect to both APs, verification is needed to show that it can distinguish between the two configurations, and then control the power levels accordingly.

Test Procedure Used

KDB 987594 D02 v03 – Section K

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Section 12.4.3.2 Method PM-G

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Section 14.4 Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

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

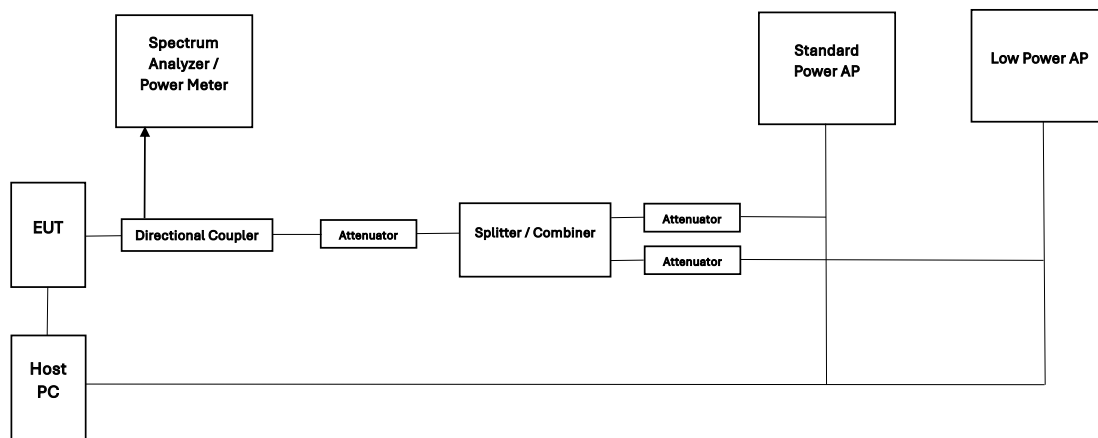


Figure 7-10. Test Instrument & Measurement Setup

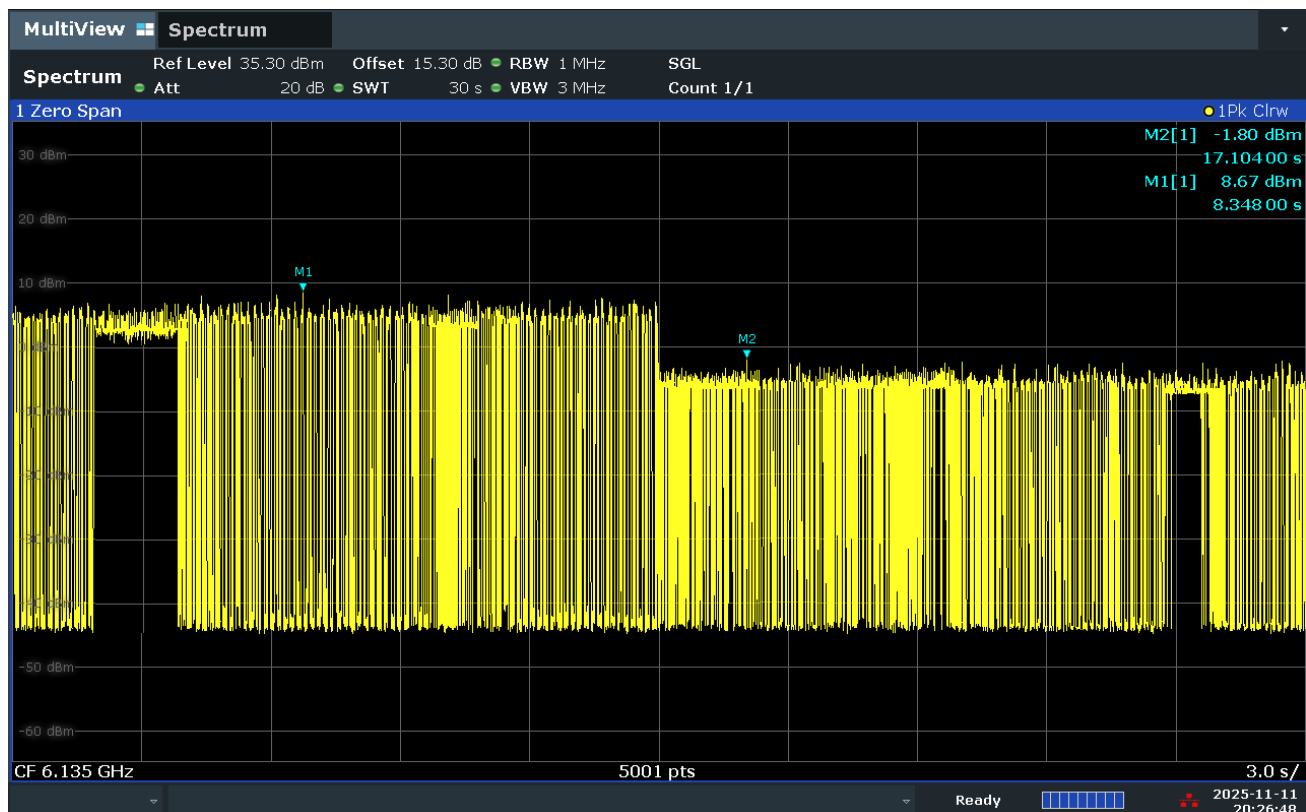
Test Notes

1. Standard Power AP was set on highest power setting (36dBm EIRP)
2. Standard Power AP and Low Power Indoor AP were configured to transmit on same channel.
3. CMX500 was used as the Standard Power AP and RAXE500 was used as the Low Power Indoor AP

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Plot 7-1746. Client device observation from Standard Power AP to Low Power Indoor AP

Channel	Frequency (MHz)	Power Measured (dBm)			Uncorrelated Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
		Antenna 3c	Antenna 3a	Summed				
53	6215	16.46	16.13	19.31	1.26	20.57	30.00	-9.43

Table 7-269: EUT measured e.i.r.p when established with Standard Power AP

Channel	Frequency (MHz)	Power Measured (dBm)			Uncorrelated Gain (dBi)	Measured e.i.r.p (dBm)	Limit (dBm)	Margin (dB)
		Antenna 3c	Antenna 3a	Summed				
53	6215	1.52	3.5	5.63	1.26	6.89	24.00	-17.11

Table 7-270: EUT measured e.i.r.p when established with Low Power Indoor AP

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA3460** and **IC: 579C-A3460** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-248 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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