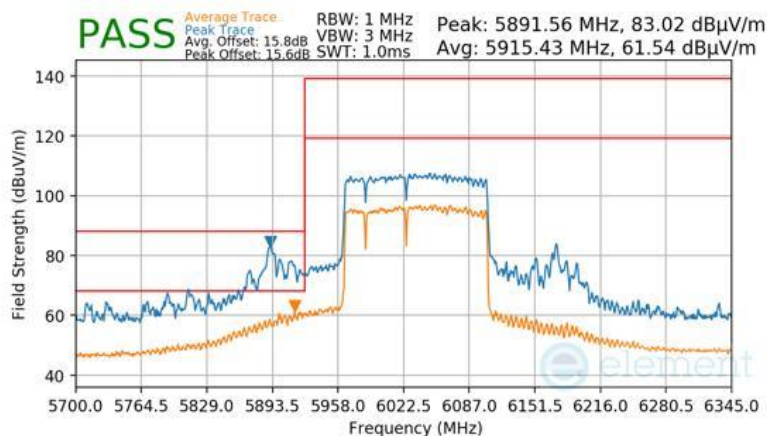
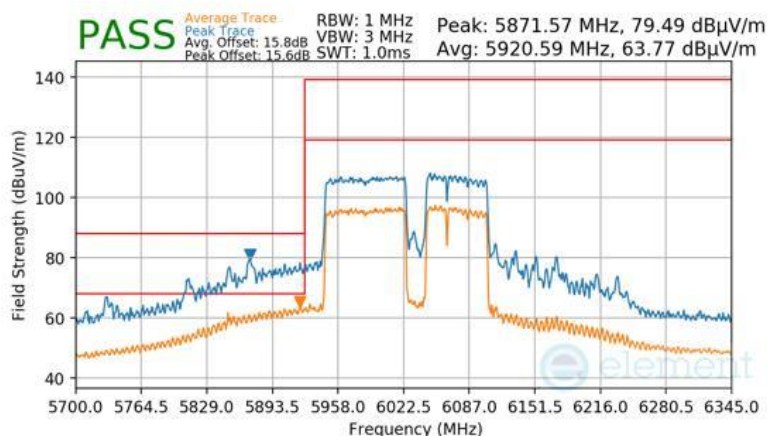


Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1699 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

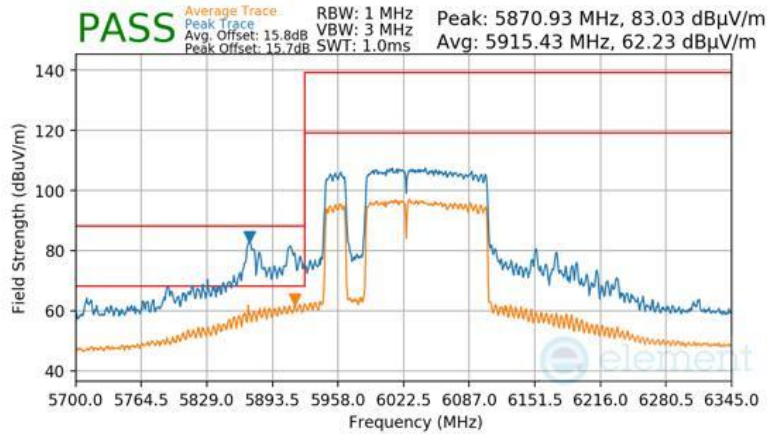


Plot 7-1700 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 603 of 635

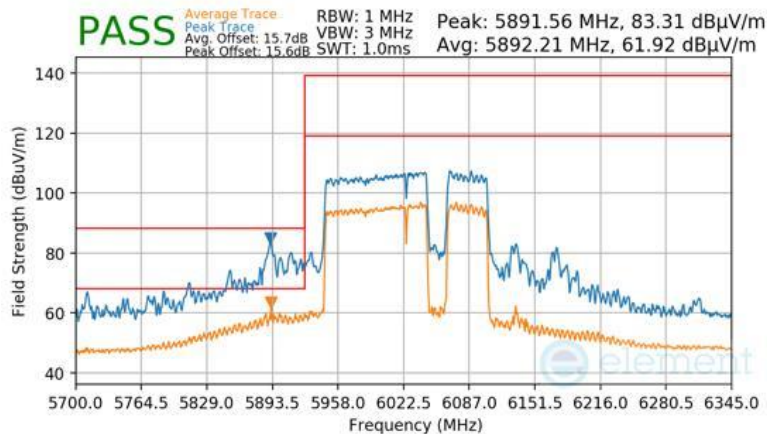
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Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1701 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (L)

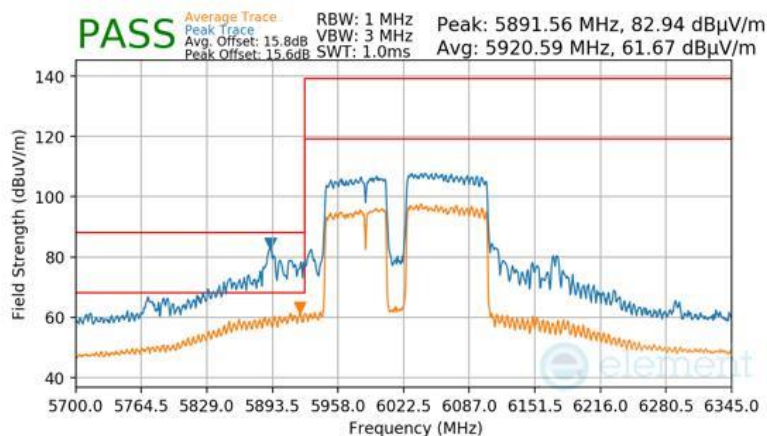
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1702 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

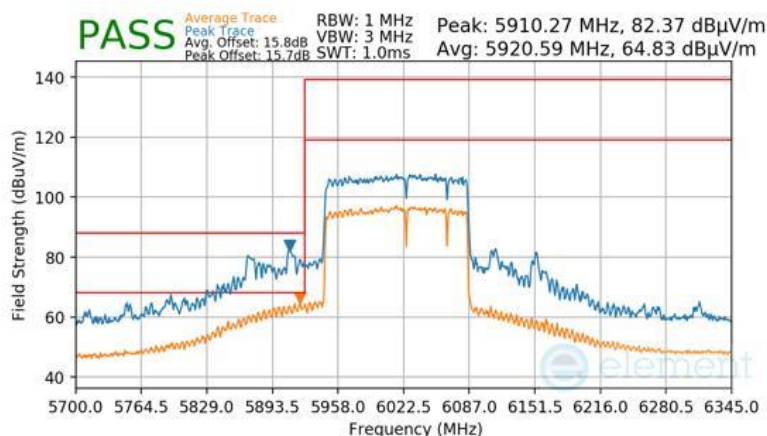
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 604 of 635

Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
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+242 (L)

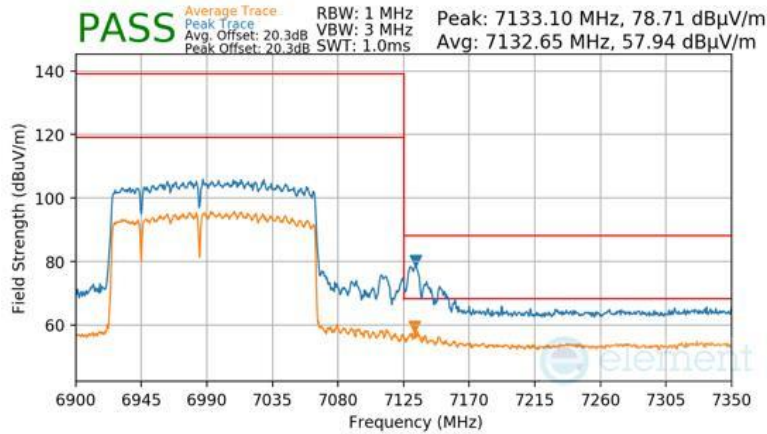
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 99
Distance of Measurements: 3 Meters
Operating Frequency: 6025MHz
Channel: 15



Plot 7-1706 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5) - RU996+484+242 (H)

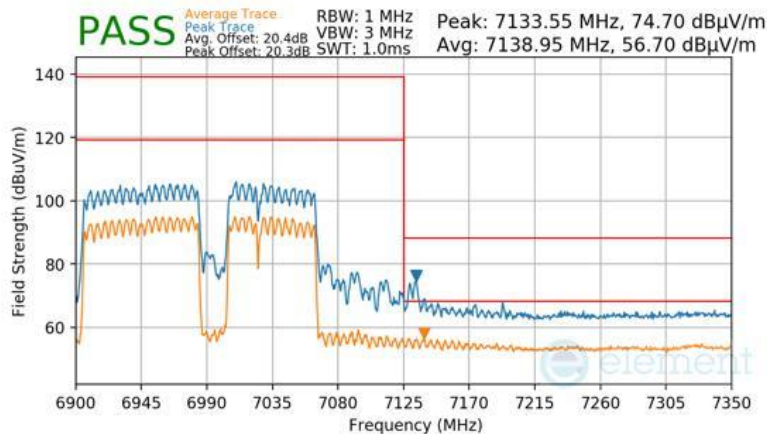
FCC ID: BCGA3361 IC: 579C-A3361			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 606 of 635	

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



Plot 7-1707 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

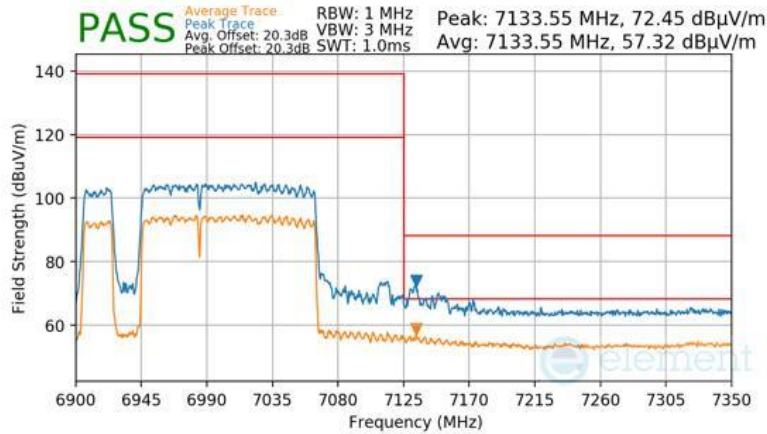
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 96
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1708 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

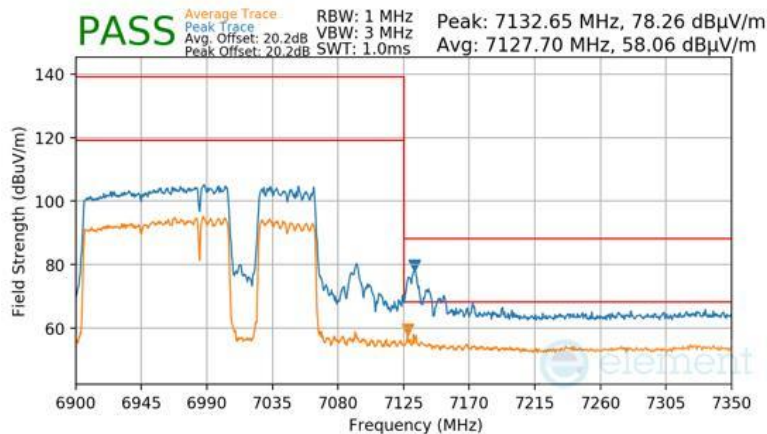
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 607 of 635

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



Plot 7-1709 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

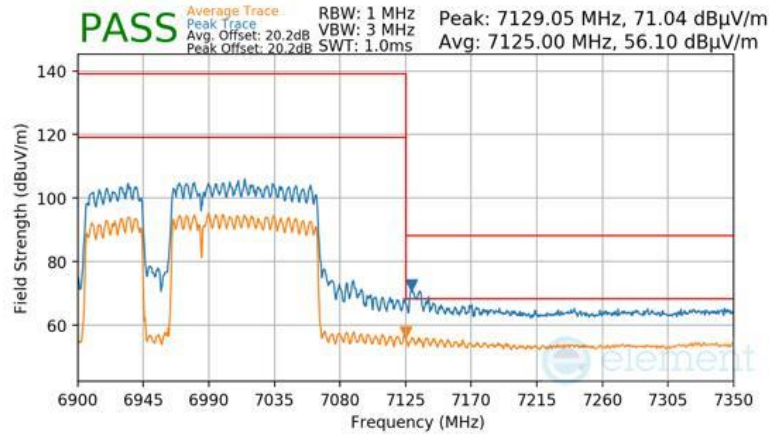
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 97
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1710 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

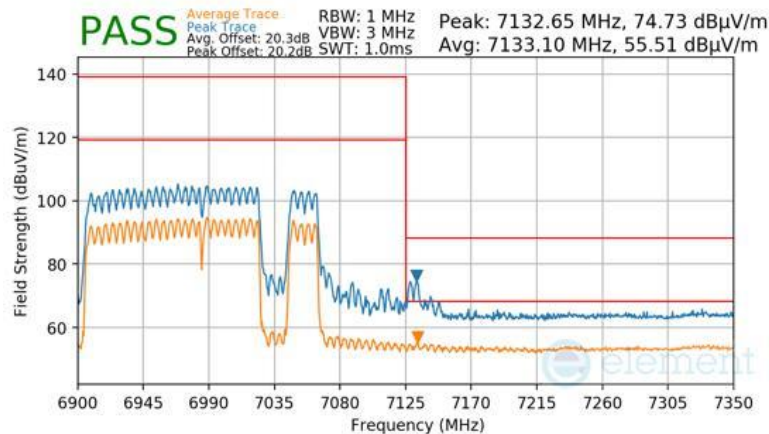
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 608 of 635

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



Plot 7-1711 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (L)

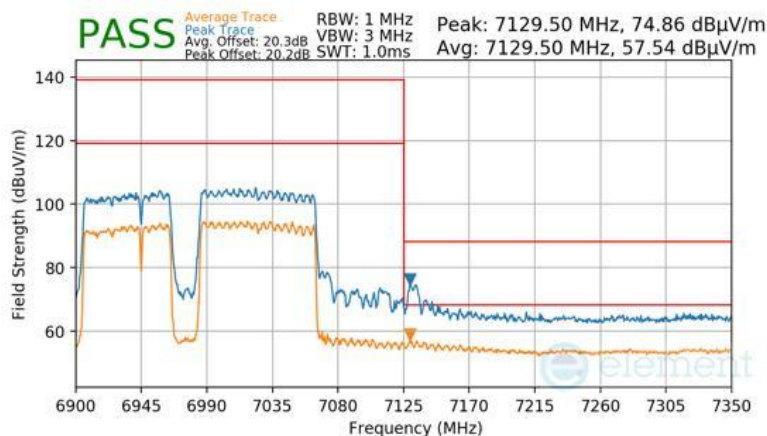
Mode: 802.11be OFDMA
Transfer Rate: MCS11
RU Index: 98
Distance of Measurements: 3 Meters
Operating Frequency: 6985MHz
Channel: 207



Plot 7-1712 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

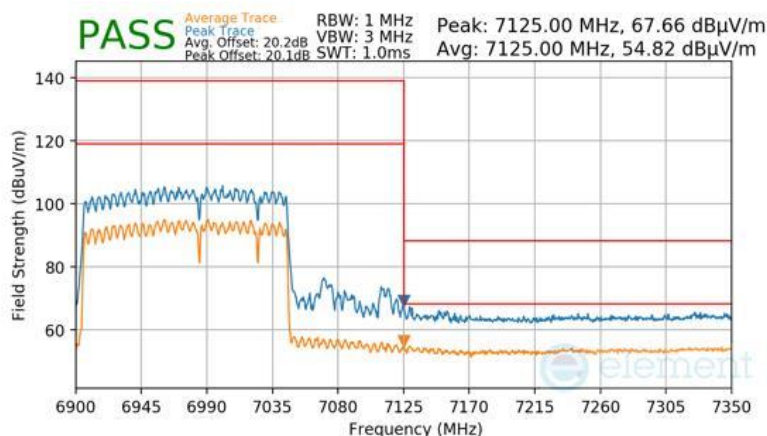
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 609 of 635

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



Plot 7-1713 CDD 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

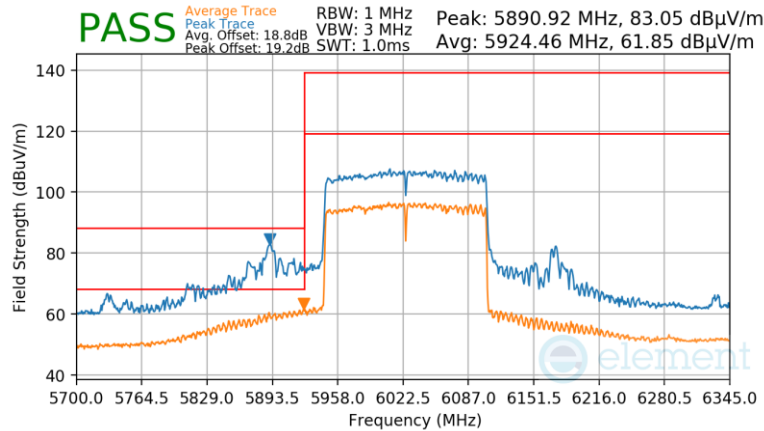


Plot 7-1714 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996+484+242 (H)

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 610 of 635

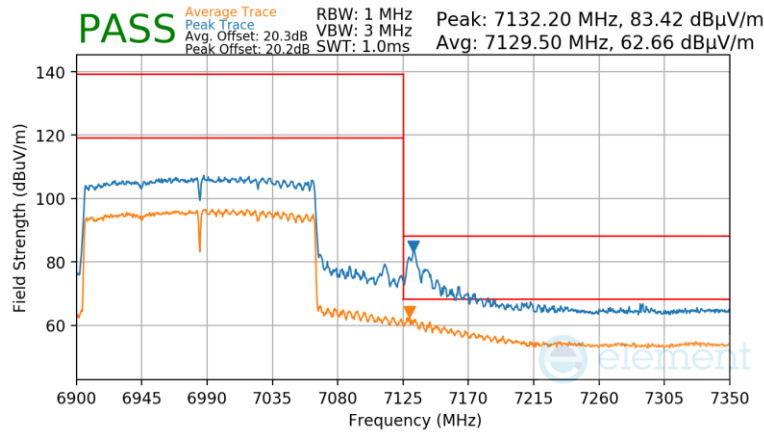
RU996x2

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



Plot 7-1715 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 7-1716 CDD Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8) - RU996X2

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 611 of 635

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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

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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 612 of 635

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Test Setup

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

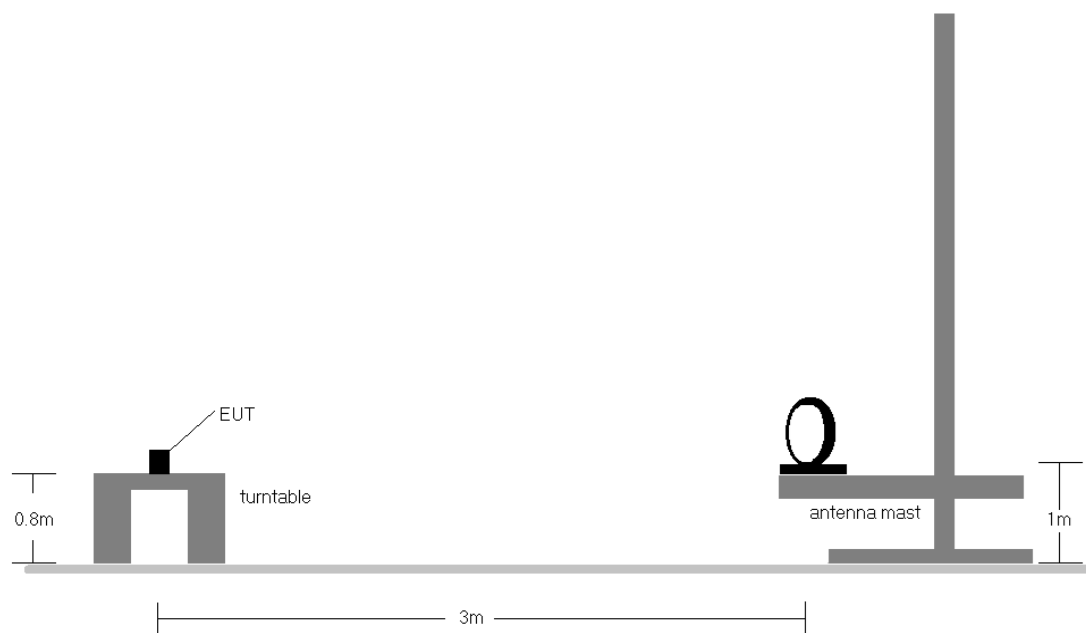


Figure 7-6. Radiated Test Setup < 30MHz

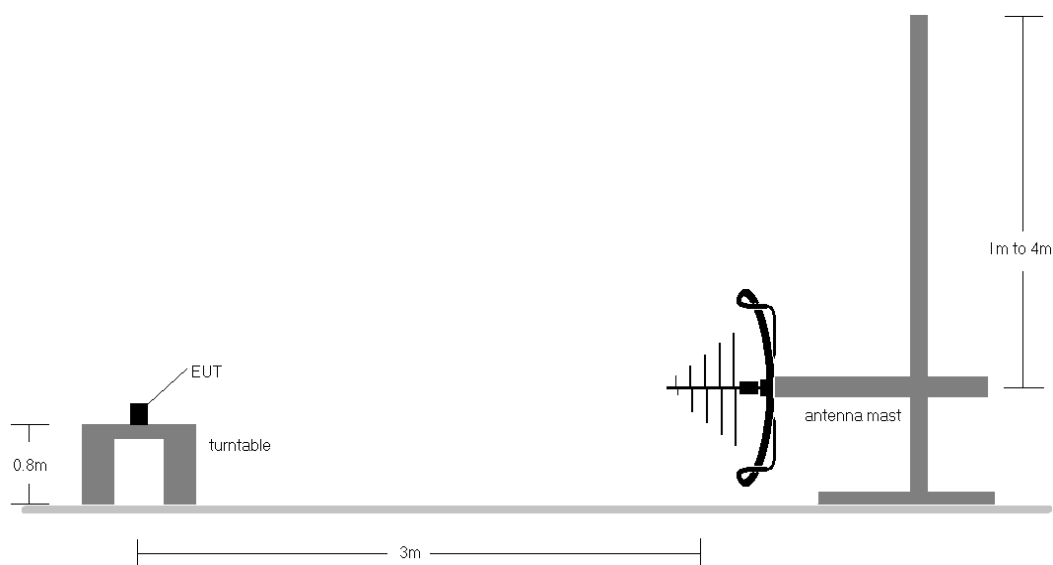


Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 613 of 635

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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

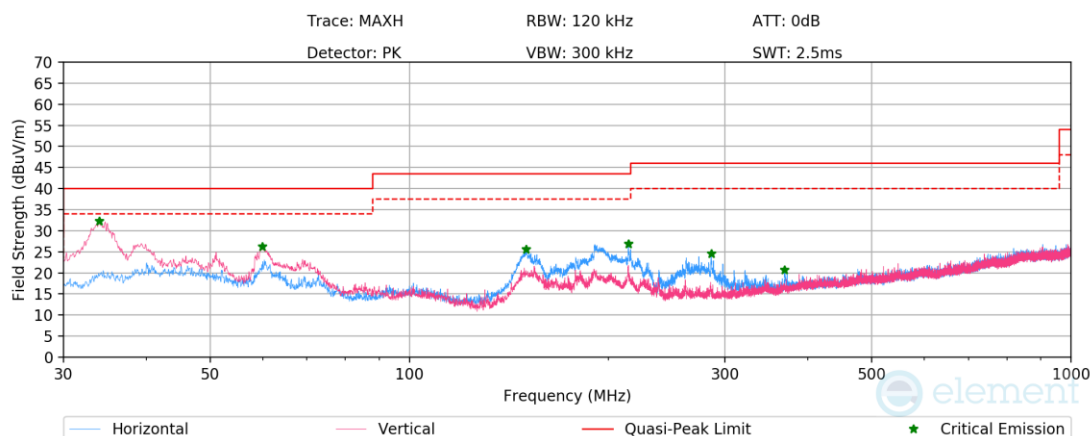
Determining Spurious Emissions Levels

- 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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 614 of 635

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



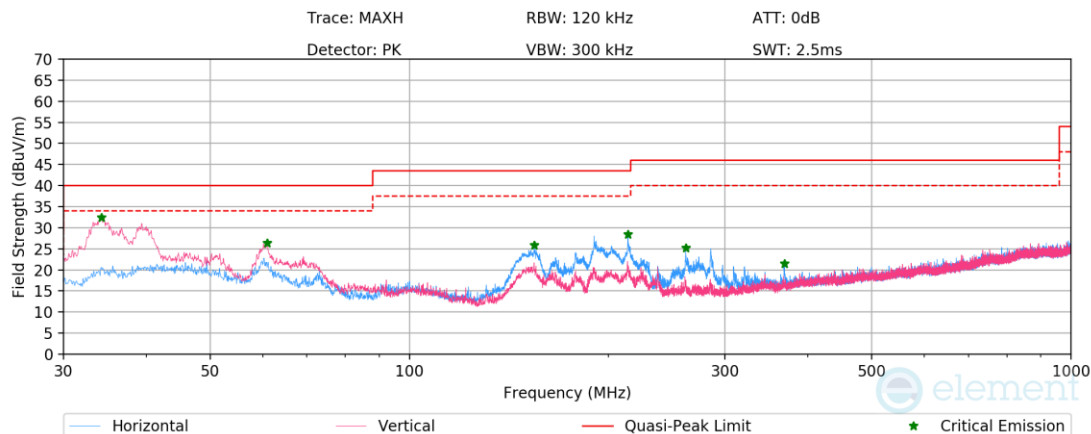
Plot 7-1717. Radiated Spurious Emissions below 1GHz CDD Primary (802.11be- Ch.45 - RU26) with AC/DC Adapter

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]
33.96	Max-Peak	V	100	15	-58.50	-16.21	32.29	40.00	-7.71
59.88	Max-Peak	V	200	110	-66.36	-14.39	26.25	40.00	-13.75
150.00	Max-Peak	H	200	4	-63.31	-18.12	25.56	43.50	-17.94
214.33	Max-Peak	H	200	104	-65.48	-14.61	26.91	43.50	-16.59
285.79	Max-Peak	H	100	86	-70.09	-12.27	24.64	46.00	-21.36
368.95	Max-Peak	H	100	136	-76.01	-10.25	20.74	46.00	-25.26

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

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1718. Radiated Spurious Emissions below 1GHz CDD Primary (802.11be– Ch.45 – RU242) with AC/DC Adapter

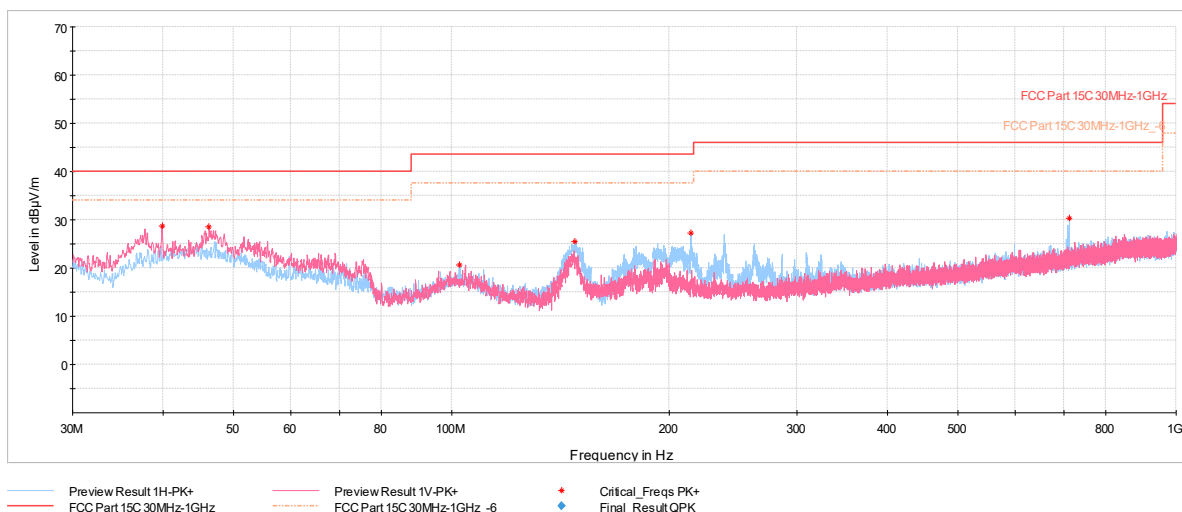
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
34.26	Max-Peak	V	100	13	-58.54	-16.09	32.37	40.00	-7.63
60.90	Max-Peak	V	100	200	-65.92	-14.69	26.39	40.00	-13.61
154.39	Max-Peak	H	200	169	-63.37	-17.71	25.92	43.50	-17.58
213.97	Max-Peak	H	200	95	-63.88	-14.65	28.47	43.50	-15.03
261.55	Max-Peak	H	100	80	-68.87	-12.91	25.21	46.00	-20.79
368.77	Max-Peak	H	100	302	-75.25	-10.25	21.49	46.00	-24.51

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

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 616 of 635

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7.8.2 CDD Diversity Radiated Spurious Emissions Measurements (Below 1GHz)



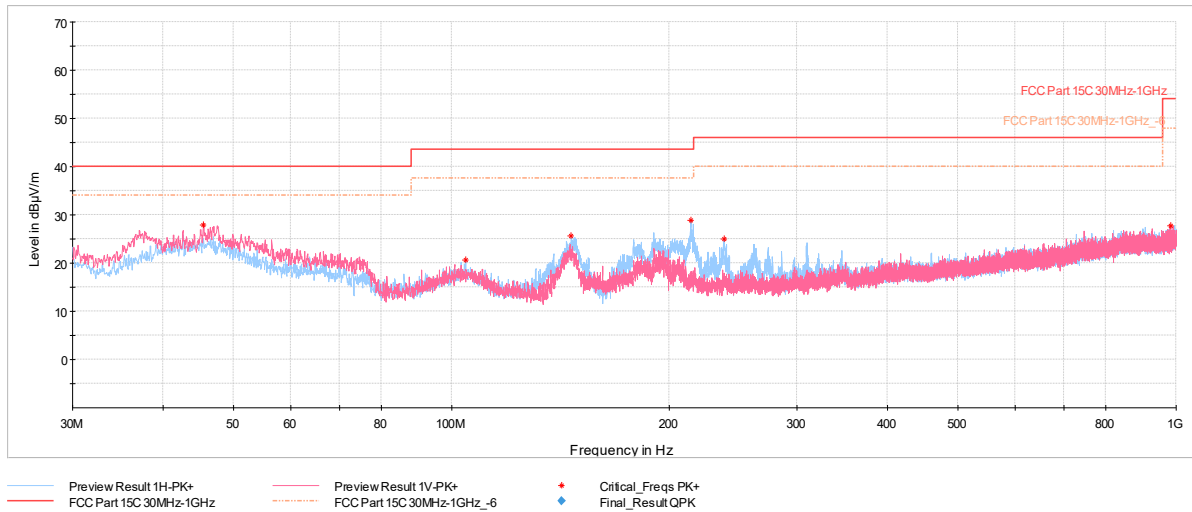
Plot 7-1719. Radiated Spurious Emissions below 1GHz CDD Diversity (802.11be- Ch.45 - RU26) with AC/DC Adapter

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
39.89	Max Peak	V	100	119	-61.74	-16.57	28.69	40.00	-11.31
46.30	Max Peak	V	100	321	-63.08	-15.39	28.53	40.00	-11.47
102.51	Max Peak	H	100	351	-68.45	-17.94	20.61	43.52	-22.91
147.95	Max Peak	H	100	207	-60.20	-21.38	25.42	43.52	-18.10
213.91	Max Peak	H	100	167	-61.56	-18.16	27.28	43.52	-16.24
712.35	Max Peak	H	100	77	-69.29	-7.41	30.30	46.02	-15.72

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

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1720. Radiated Spurious Emissions below 1GHz CDD Diversity (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 [dBµV/m]	Limit [dBµV/m]	Margin [dB]
45.42	Max Peak	V	100	47	-63.58	-15.45	27.97	40.00	-12.03
104.64	Max Peak	H	100	344	-68.34	-18.08	20.58	43.52	-22.94
146.35	Max Peak	H	100	195	-60.00	-21.44	25.56	43.52	-17.96
213.96	Max Peak	H	100	264	-59.91	-18.16	28.93	43.52	-14.59
237.87	Max Peak	H	100	163	-65.21	-16.77	25.02	46.02	-21.00
982.59	Max Peak	V	300	193	-75.37	-3.90	27.73	53.98	-26.25

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

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 618 of 635

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 (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-257. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2020, 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: BCGA3361 IC: 579C-A3361		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.

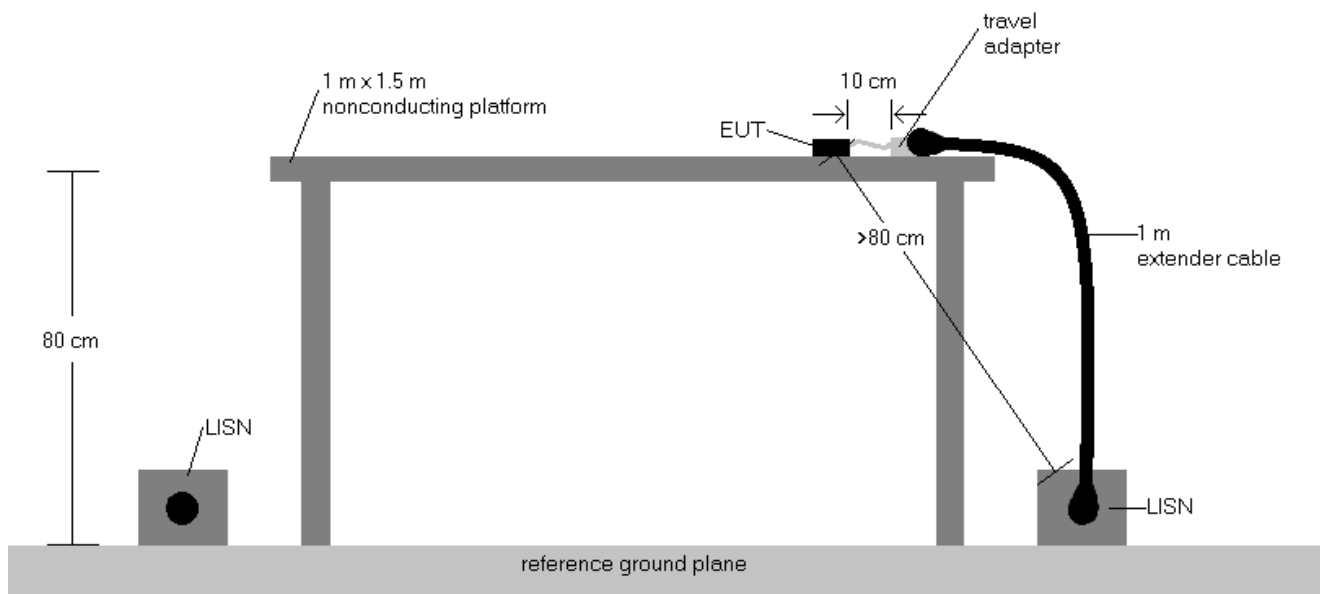


Figure 7-8. Test Instrument & Measurement Setup

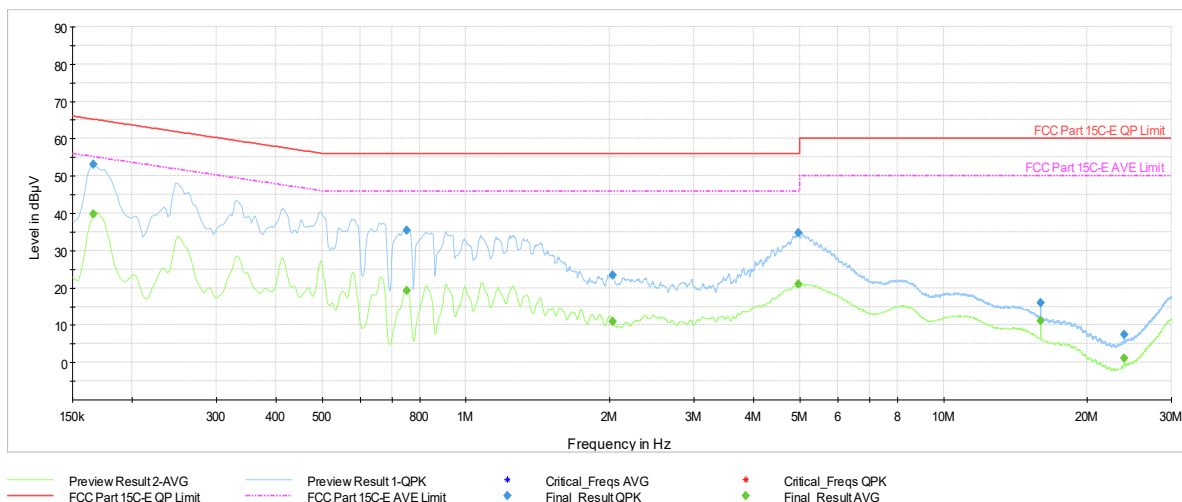
Test Notes

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.

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7.9.1 CDD Primary



Plot 7-1721. AC Line Conducted Plot with 11be CDD Primary UNII Band 5 – RU26 – Ch.45 (L1) with AC/DC Adapter

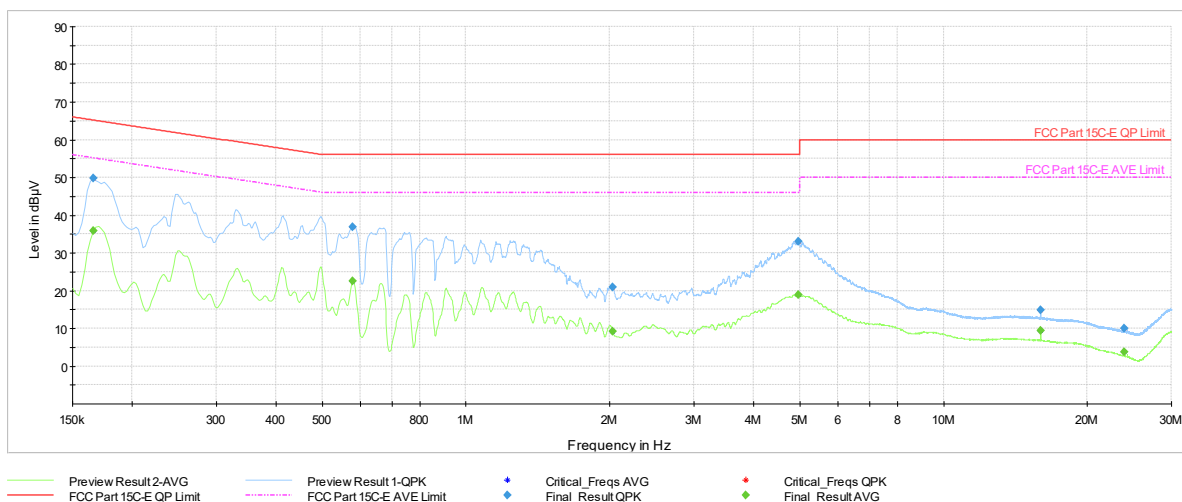
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	---	39.82	55.17	-15.35	L1	GND
0.166	FINAL	53.19	---	65.17	-11.98	L1	GND
0.753	FINAL	---	19.18	46.00	-26.82	L1	GND
0.753	FINAL	35.49	---	56.00	-20.51	L1	GND
2.029	FINAL	---	10.94	46.00	-35.06	L1	GND
2.029	FINAL	23.30	---	56.00	-32.70	L1	GND
4.963	FINAL	34.81	---	56.00	-21.19	L1	GND
4.963	FINAL	---	20.91	46.00	-25.09	L1	GND
15.952	FINAL	16.03	---	60.00	-43.97	L1	GND
15.952	FINAL	---	11.24	50.00	-38.76	L1	GND
23.924	FINAL	---	1.21	50.00	-48.79	L1	GND
23.924	FINAL	7.40	---	60.00	-52.60	L1	GND

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

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Plot 7-1722. AC Line Conducted Plot with 11be CDD Primary UNII Band 5 – RU26 – Ch.45 (N) with AC/DC Adapter

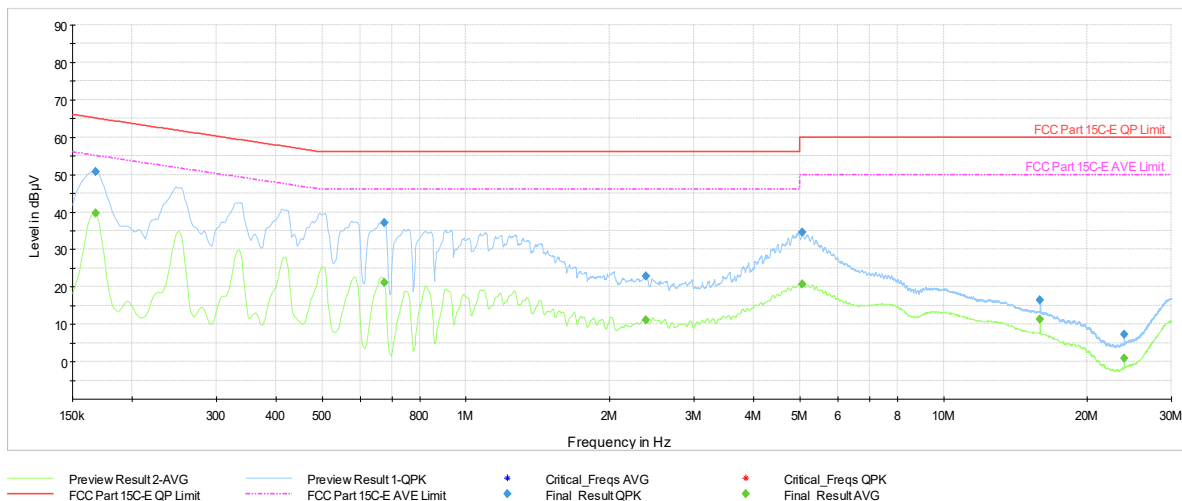
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	---	35.77	55.17	-19.40	N	GND
0.166	FINAL	49.74	---	65.17	-15.43	N	GND
0.580	FINAL	---	22.62	46.00	-23.38	N	GND
0.580	FINAL	36.91	---	56.00	-19.09	N	GND
2.029	FINAL	---	9.25	46.00	-36.75	N	GND
2.029	FINAL	20.99	---	56.00	-35.01	N	GND
4.974	FINAL	32.98	---	56.00	-23.02	N	GND
4.974	FINAL	---	18.89	46.00	-27.11	N	GND
15.954	FINAL	14.90	---	60.00	-45.10	N	GND
15.954	FINAL	---	9.40	50.00	-40.60	N	GND
23.930	FINAL	---	3.68	50.00	-46.32	N	GND
23.930	FINAL	10.03	---	60.00	-49.97	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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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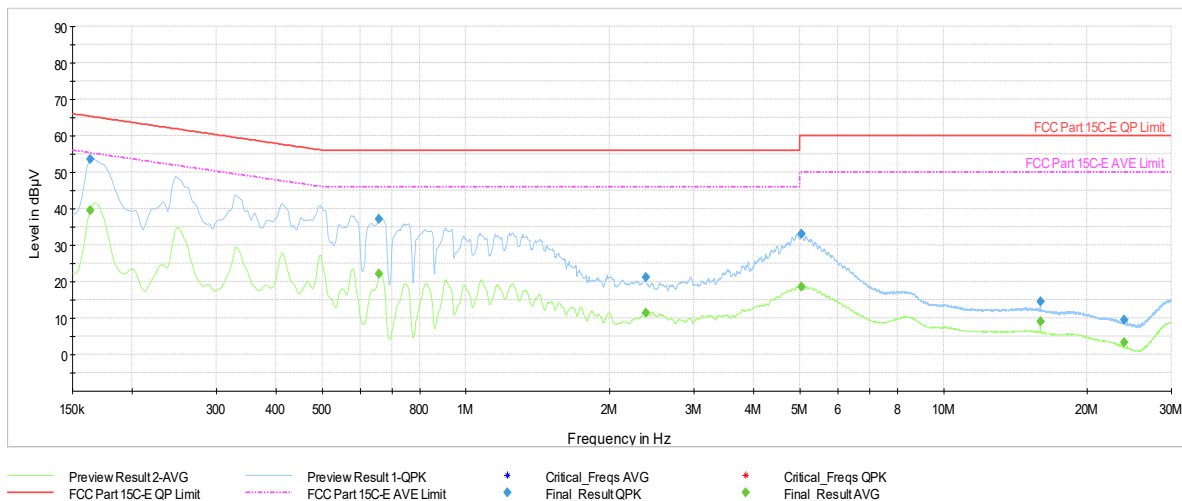
Plot 7-1723. AC Line Conducted Plot with 11be CDD Primary UNII Band 5 – RU242 – Ch.45 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.168	FINAL	---	39.75	55.06	-15.31	L1	GND
0.168	FINAL	50.76	---	65.06	-14.30	L1	GND
0.674	FINAL	---	21.13	46.00	-24.87	L1	GND
0.674	FINAL	37.06	---	56.00	-18.94	L1	GND
2.384	FINAL	---	11.08	46.00	-34.92	L1	GND
2.384	FINAL	22.93	---	56.00	-33.07	L1	GND
5.060	FINAL	34.52	---	60.00	-25.48	L1	GND
5.060	FINAL	---	20.65	50.00	-29.35	L1	GND
15.938	FINAL	16.54	---	60.00	-43.46	L1	GND
15.938	FINAL	---	11.33	50.00	-38.67	L1	GND
23.903	FINAL	---	0.94	50.00	-49.06	L1	GND
23.903	FINAL	7.32	---	60.00	-52.68	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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1724. AC Line Conducted Plot with 11be CDD Primary UNII Band 5 – RU242 – Ch.45 (N) with AC/DC Adapter

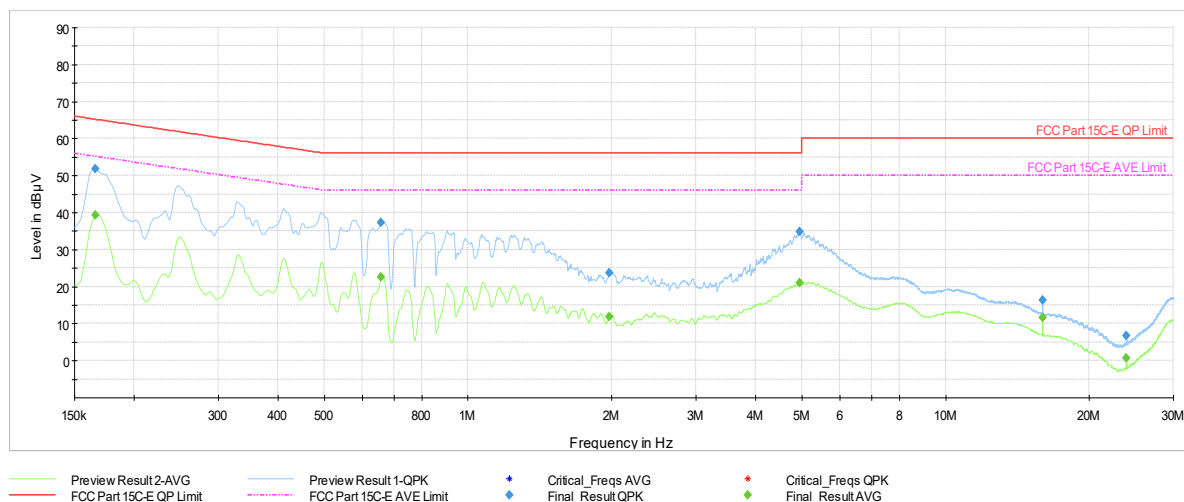
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.164	FINAL	---	39.53	55.28	-15.75	N	GND
0.164	FINAL	53.60	---	65.28	-11.68	N	GND
0.659	FINAL	---	22.13	46.00	-23.87	N	GND
0.659	FINAL	37.15	---	56.00	-18.85	N	GND
2.378	FINAL	---	11.34	46.00	-34.66	N	GND
2.378	FINAL	21.25	---	56.00	-34.75	N	GND
5.044	FINAL	33.04	---	60.00	-26.96	N	GND
5.044	FINAL	---	18.50	50.00	-31.50	N	GND
15.941	FINAL	14.49	---	60.00	-45.51	N	GND
15.941	FINAL	---	9.01	50.00	-40.99	N	GND
23.912	FINAL	---	3.36	50.00	-46.64	N	GND
23.912	FINAL	9.58	---	60.00	-50.42	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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.9.2 CDD Diversity



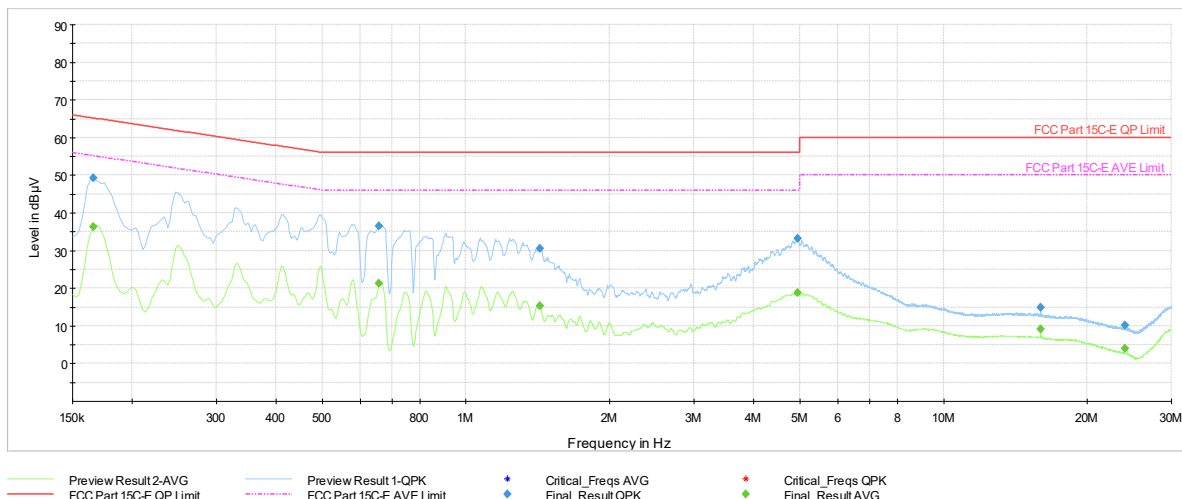
Plot 7-1725. AC Line Conducted Plot with 11be CDD Diversity UNII Band 5 – RU26 – Ch.45 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	---	39.41	55.17	-15.76	L1	GND
0.166	FINAL	51.80	---	65.17	-13.37	L1	GND
0.659	FINAL	---	22.66	46.00	-23.34	L1	GND
0.659	FINAL	37.36	---	56.00	-18.64	L1	GND
1.973	FINAL	---	11.89	46.00	-34.11	L1	GND
1.973	FINAL	23.66	---	56.00	-32.34	L1	GND
4.940	FINAL	34.94	---	56.00	-21.06	L1	GND
4.940	FINAL	---	20.92	46.00	-25.08	L1	GND
15.956	FINAL	16.35	---	60.00	-43.65	L1	GND
15.956	FINAL	---	11.64	50.00	-38.36	L1	GND
23.933	FINAL	---	0.64	50.00	-49.36	L1	GND
23.933	FINAL	6.82	---	60.00	-53.18	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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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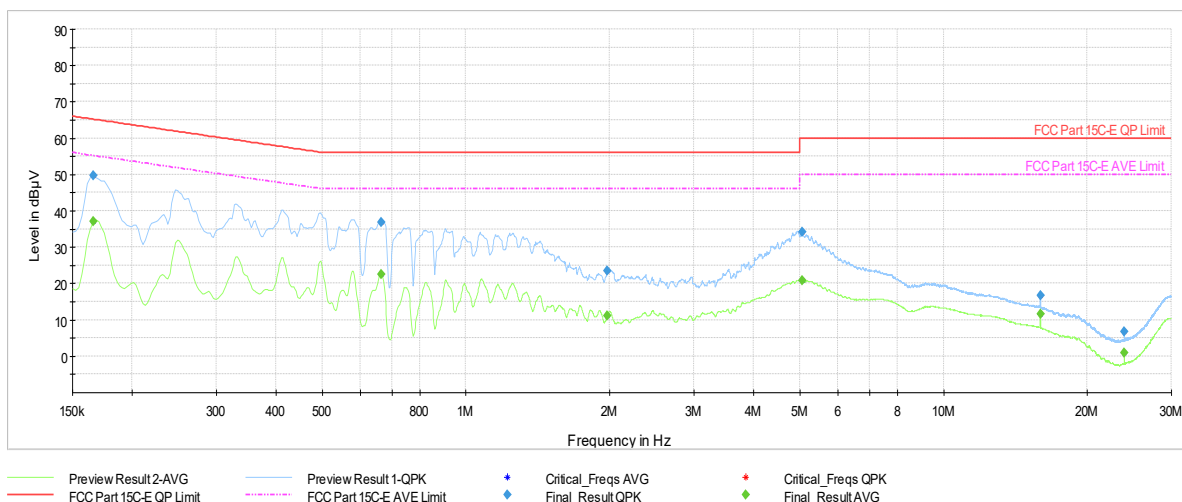
Plot 7-1726. AC Line Conducted Plot with 11be CDD Diversity UNII Band 5 – RU26 – Ch.45 (N) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	---	36.40	55.17	-18.77	N	GND
0.166	FINAL	49.26	---	65.17	-15.91	N	GND
0.659	FINAL	---	21.36	46.00	-24.64	N	GND
0.659	FINAL	36.57	---	56.00	-19.43	N	GND
1.430	FINAL	---	15.32	46.00	-30.68	N	GND
1.430	FINAL	30.57	---	56.00	-25.43	N	GND
4.954	FINAL	33.30	---	56.00	-22.70	N	GND
4.954	FINAL	---	18.76	46.00	-27.24	N	GND
15.959	FINAL	14.80	---	60.00	-45.20	N	GND
15.959	FINAL	---	9.18	50.00	-40.82	N	GND
23.942	FINAL	---	3.92	50.00	-46.08	N	GND
23.942	FINAL	10.11	---	60.00	-49.89	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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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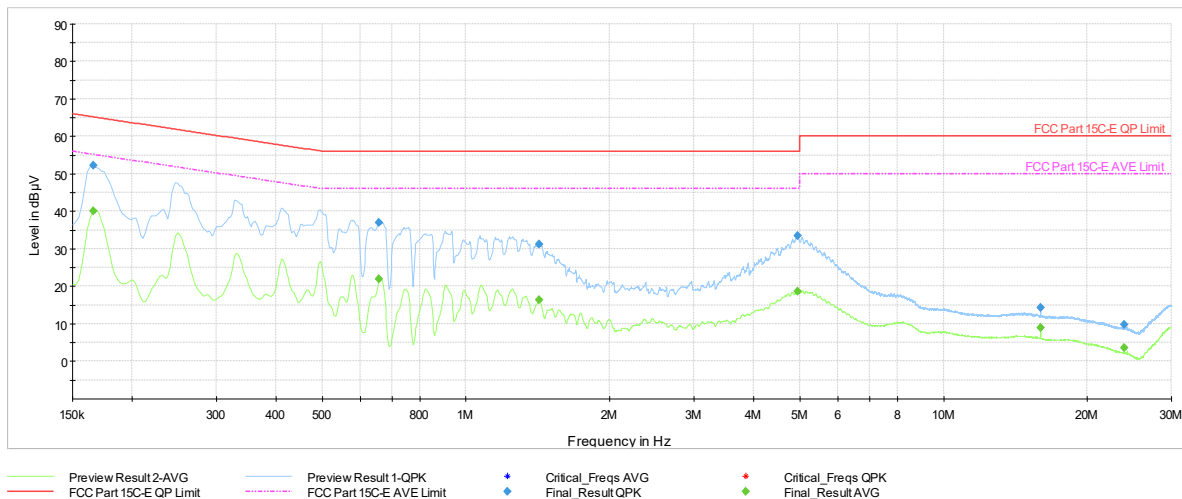


Plot 7-1727. AC Line Conducted Plot with 11be CDD Diversity UNII Band 5 – RU242 – Ch.45 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.166	FINAL	---	36.98	55.17	-18.19	L1	GND
0.166	FINAL	49.71	---	65.17	-15.46	L1	GND
0.665	FINAL	---	22.53	46.00	-23.47	L1	GND
0.665	FINAL	36.96	---	56.00	-19.04	L1	GND
1.975	FINAL	---	11.22	46.00	-34.78	L1	GND
1.975	FINAL	23.48	---	56.00	-32.52	L1	GND
5.055	FINAL	34.27	---	60.00	-25.73	L1	GND
5.055	FINAL	---	20.78	50.00	-29.22	L1	GND
15.943	FINAL	16.76	---	60.00	-43.24	L1	GND
15.943	FINAL	---	11.68	50.00	-38.32	L1	GND
23.912	FINAL	---	0.82	50.00	-49.18	L1	GND
23.912	FINAL	6.83	---	60.00	-53.17	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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1728. 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
0.166	FINAL	---	40.13	55.17	-15.04	N	GND
0.166	FINAL	52.37	---	65.17	-12.80	N	GND
0.659	FINAL	---	21.86	46.00	-24.14	N	GND
0.659	FINAL	36.92	---	56.00	-19.08	N	GND
1.421	FINAL	---	16.30	46.00	-29.70	N	GND
1.421	FINAL	31.19	---	56.00	-24.81	N	GND
4.947	FINAL	33.46	---	56.00	-22.54	N	GND
4.947	FINAL	---	18.70	46.00	-27.30	N	GND
15.945	FINAL	14.37	---	60.00	-45.63	N	GND
15.945	FINAL	---	8.91	50.00	-41.09	N	GND
23.919	FINAL	---	3.55	50.00	-46.45	N	GND
23.919	FINAL	9.87	---	60.00	-50.13	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: BCGA3361 IC: 579C-A3361		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 – Section 12.4.3.2 Method PM-G

ANSI C63.10-2020 – 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.

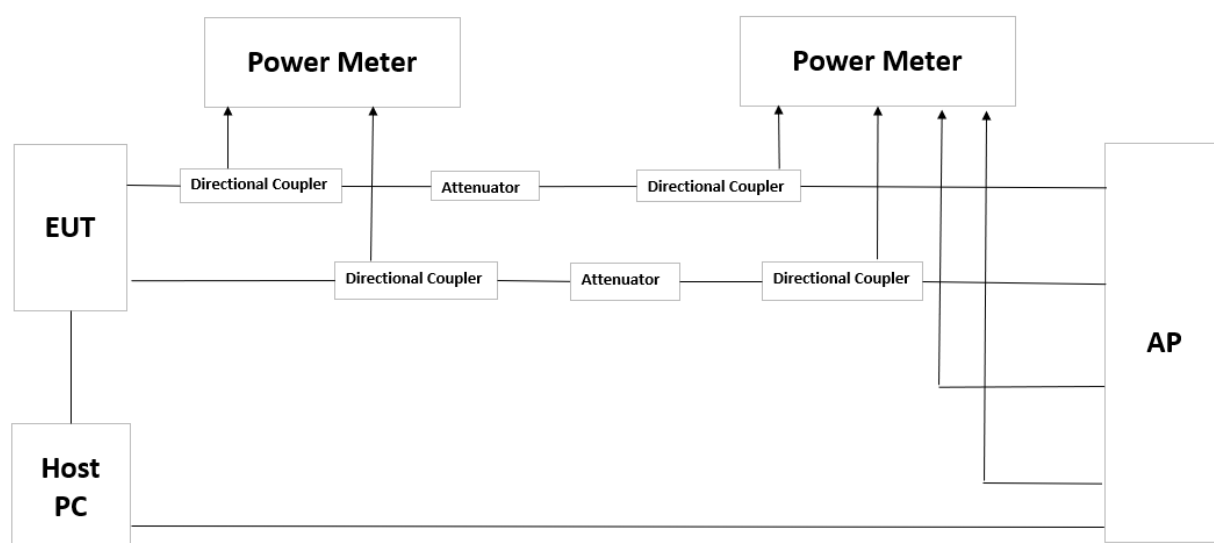


Figure 7-9. Test Instrument & Measurement Setup

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 (trusted positioning entity) 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).
4. When the AFC is configured for low authorized power (e.g., 21 dBm), the EUT automatically transitions to SISO mode by design to ensure alignment with the reduced power requirements.

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

Message Tree		Bit	
ID=524 TS=2025-07-15 22:33:09.782 RFN=0 MDDB=wlan_all 11.12		ID=524 TS=2025-07-15 22:33:09.782 RFN=0	
Line		Byte	Bitstream
452	Length = (5)	257	-----011
453	Choice = TransmitPowerEnv_Value (1)	257	---010---
454	TransmitPowerEnv_Value	257	00-----
455	TPE_TransmitPowerInfo	258	
456	Max TX Power Count = (3)	258	
457	Interpretation = Regulatory Client EIRP (2)	258	
458	Category = Default (0)	258	
459	MTP = TPE_EIRP (0)	258	00111100
460	EIRP Max Tx Power List	259	
461	Max TX Power For 20 MHz	259	
462	isEnabled (1)	259	00111100
463	Max Tx Power = (60)	260	
464	Local Max TX Power For 40 MHz	260	
465	isEnabled (1)	260	00111100
466	Max Tx Power = (60)	261	
467	Local Max TX Power For 80 MHz	261	
468	isEnabled (1)	261	00111100
469	Max Tx Power = (60)	262	
470	Local Max TX Power For 160 MHz	262	
471	isEnabled (1)	262	11110100
472	Max Tx Power = (60)	263	
473	Element	263	
474	Check (1)	263	00000001
475	Element ID = RSN Extension (244)	264	
476	IE = RSNXE_LV (244)	264	
477	RSNXE_LV	264	
		Identifier	Value
		Max TX Power Count	0x3 3
		Interpretation	0x2 2
		Category	0x0 0
		MTP	
		EIRP Max Tx Power List	
		Max TX Power For 20 MHz	
		isEnabled	
		Max Tx Power	0x3C 60
		Local Max TX Power For 40 MHz	
		isEnabled	
		Max Tx Power	0x3C 60
		Local Max TX Power For 80 MHz	
		isEnabled	
		Max Tx Power	0x3C 60
		Local Max TX Power For 160 MHz	
		isEnabled	
		Max Tx Power	0x3C 60
		Element	
		Check	
		Element ID	0xF4 244
		RSNXE_LV	
		Length	0x01 1
		Choice	
		RSNXE	

Plot 7-1729. 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 WF5B	Antenna 4a	Summed				
37	6135	13.78	15.83	17.94	1.26	19.20	30.00	-10.80

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

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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AFC Authorized Power 28dBm EIRP (TPE – 22dBm)

Message Tree X

ID=5080 TS=2025-07-15 22:35:09.779 RFN=0 MDDB=wlan_all 11.12

Line 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474

IE = TransmitPowerEnv_LV (195)

Transmit Power Envelope LV

Length = (5)

Choice = TransmitPowerEnv_Value (1)

TransmitPowerEnv_Value

TPE_TransmitPowerInfo

Max TX Power Count = (3)

Interpretation = Regulatory Client EIRP (2)

Category = Default (0)

MTP = TPE EIRP (0)

EIRP Max Tx Power List

Max TX Power For 20 MHz

isEnabled (1)

Max Tx Power = (44)

Local Max TX Power For 40 MHz

isEnabled (1)

Max Tx Power = (44)

Local Max TX Power For 80 MHz

isEnabled (1)

Max Tx Power = (44)

Local Max TX Power For 160 MHz

isEnabled (1)

Max Tx Power = (44)

Element

Check (1)

Bit X

ID=5080 TS=2025-07-15 22:35:09.779 RFN=0

Byte	Bitstream	Identifier	Value	Interpretation
257		Choice		
257		TransmitPowerEnv_Value		
257		TPE_TransmitPowerInfo		
257	-----011	Max TX Power Count	0x3 3	
257	--010---	Interpretation	0x2 2	Regulatory Client EIRP
257	00-----	Category	0x0 0	Default
258		MTP		
258		EIRP Max Tx Power List		
258		Max TX Power For 20 MHz		
258		isEnabled		
258	00101100	Max Tx Power	0x2C 44	
259		Local Max TX Power For 40 MHz		
259		isEnabled		
259	00101100	Max Tx Power	0x2C 44	
260		Local Max TX Power For 80 MHz		
260		isEnabled		
260	00101100	Max Tx Power	0x2C 44	
261		Local Max TX Power For 160 MHz		
261		isEnabled		
261	00101100	Max Tx Power	0x2C 44	
262		Element		
262		Check		
262	11110100	Element ID	0xF4 244	RSN Extension
263		IE		
263		RSNxE LV		
263	00000001	Length	0x01 1	

Plot 7-1730. 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 WF5B	Antenna 4a	Summed				
37	6135	13.25	15.35	17.44	1.26	18.70	22.00	-3.30

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

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 631 of 635

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AFC Authorized Power 21dBm EIRP (TPE – 15dBm)

Message Tree X

ID=10274 TS=2025-07-15 22:37:05.858 RFN=0 MDDb=wlan_all 11.12

Line 434 Element ID = Transmit Power Envelope (195)

435 IE = TransmitPowerEnv_LV (195)

436 Transmit Power Envelope LV

437 Length = (5)

438 Choice = TransmitPowerEnv_Value (1)

439 TransmitPowerEnv_Value

440 TPE_TransmitPowerInfo

441 Max TX Power Count = (3)

442 Interpretation = Regulatory Client EIRP (2)

443 Category = Default (0)

444 MTP = TPE_EIRP (0)

445 EIRP Max Tx Power List

446 Max TX Power For 20 MHz

447 isEnabled (1)

448 Max Tx Power = (30)

449 Local Max TX Power For 40 MHz

450 isEnabled (1)

451 Max Tx Power = (30)

452 Local Max TX Power For 80 MHz

453 isEnabled (1)

454 Local Max TX Power For 160 MHz

455 isEnabled (1)

456 Max Tx Power = (30)

457 Element

458 Check (1)

459 Element ID = RSN Extension (244)

Bit X

ID=10274 TS=2025-07-15 22:37:05.858 RFN=0

Byte	Bitstream	Identifier	Value	Interpretation
251		Choice		
251		TransmitPowerEnv_Value		
251		TPE_TransmitPowerInfo		
251	-----011	Max TX Power Count	0x3 3	
251	--010---	Interpretation	0x2 2	Regulatory Client EIRP
251	00-----	Category	0x0 0	Default
252		MTP		
252		EIRP Max Tx Power List		
252		Max TX Power For 20 MHz		
252		isEnabled		
252	00011110	Max Tx Power	0x1E 30	
253		Local Max TX Power For 40 MHz		
253		isEnabled		
253	00011110	Max Tx Power	0x1E 30	
254		Local Max TX Power For 80 MHz		
254		isEnabled		
254	00011110	Max Tx Power	0x1E 30	
255		Local Max TX Power For 160 MHz		
255		isEnabled		
255	00011110	Max Tx Power	0x1E 30	
256		Element		
256		Check		
256	11110100	Element ID	0xF4 244	RSN Extension
257		IE		
257		RSNxE LV		
257	00000001	Length	0x01 1	
258		Choice		

Plot 7-1731. 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 WF5B	Antenna 4a	Summed				
37	6135	9.31	9.75	12.55	1.26	13.81	15.00	-1.19

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

FCC ID: BCGA3361 IC: 579C-A3361		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 – Section 12.4.3.2 Method PM-G

ANSI C63.10-2020 – 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.

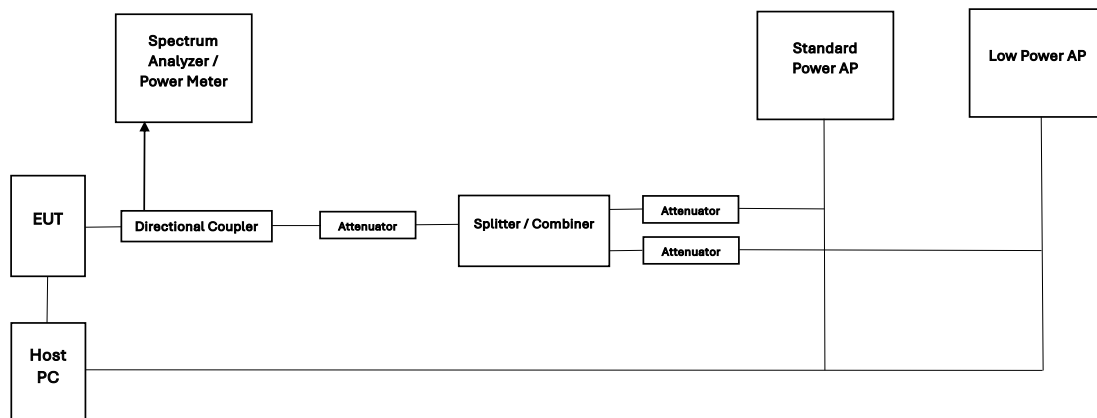


Figure 7-10. Test Instrument & Measurement Setup

Test Notes

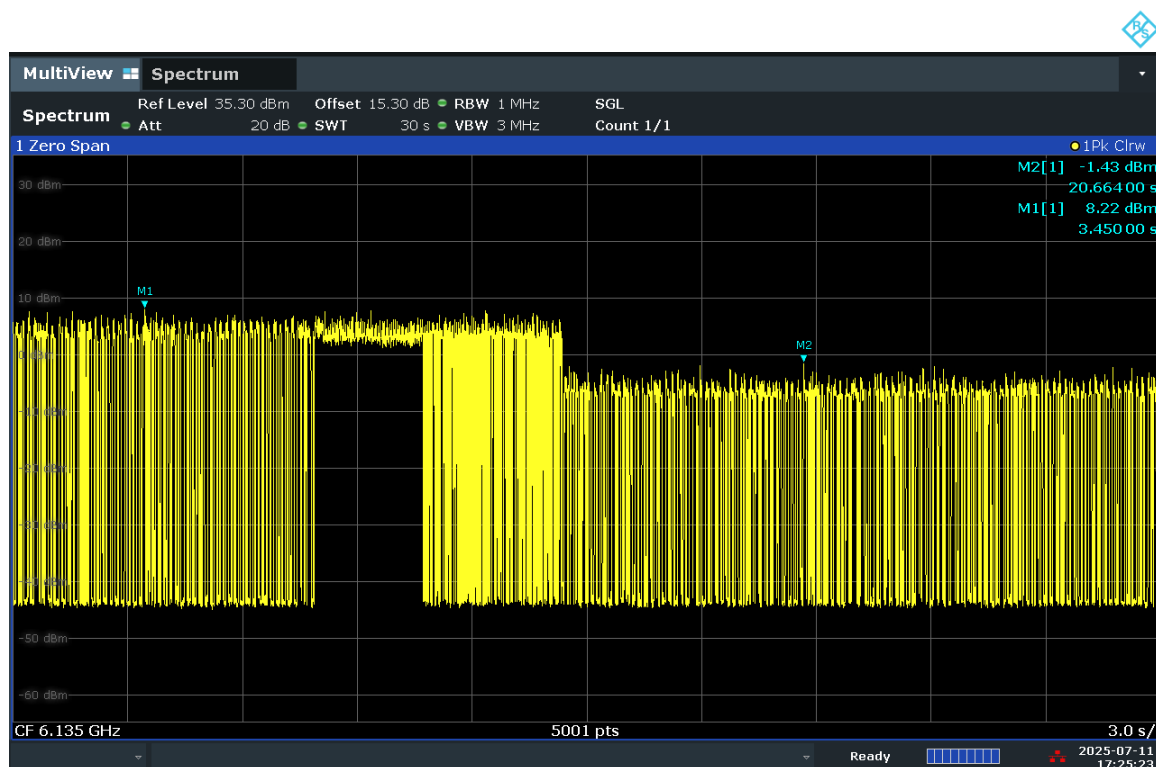
1. Standard Power AP was set on highest power setting (36dBm EIRP)
2. Standard Power AP and Low Power Indoor AP were configured to transmit on same channel.

S

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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05:25:23 PM 07/11/2025

Plot 7-1732. 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 WF5B	Antenna 4a	Summed				
37	6135	13.78	15.83	17.94	1.26	19.20	30.00	-10.80

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 WF5B	Antenna 4a	Summed				
37	6135	-0.45	8.62	9.13	1.26	10.39	24.00	-13.61

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

FCC ID: BCGA3361 IC: 579C-A3361		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: BCGA3361** and **IC: 579C-A3361** 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: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 635 of 635

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