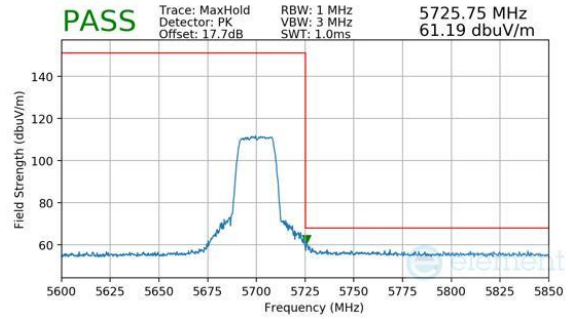
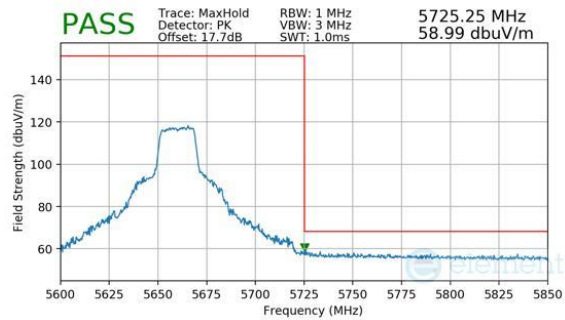


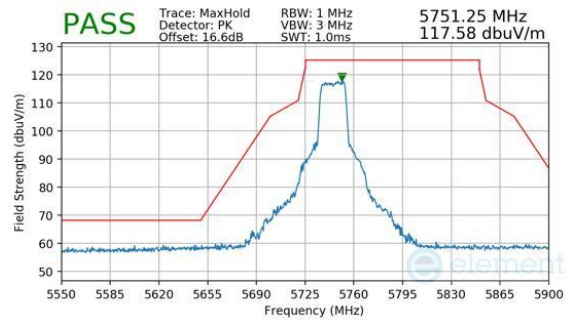
Plot 7-451. CDC Diversity (Peak & Average, Ch.108, 802.11n, MCS15)



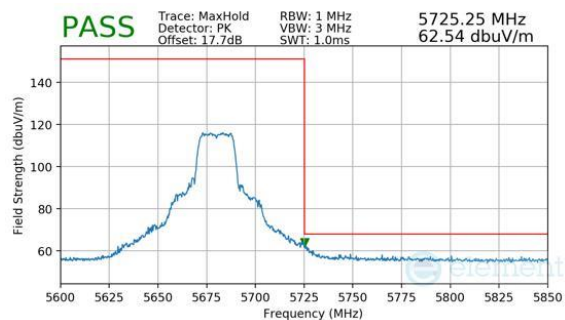
Plot 7-454. CDC Diversity (Peak, Ch.140, 802.11n, MCS15)



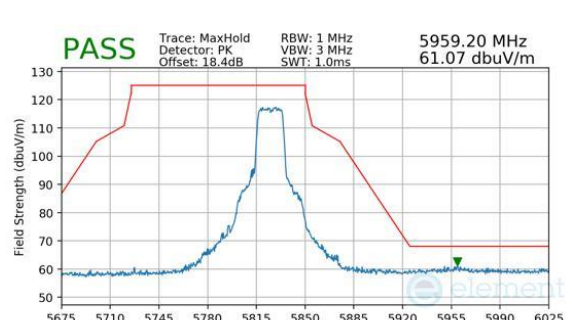
Plot 7-452. CDC Diversity (Peak, Ch.132, 802.11n, MCS15)



Plot 7-455. CDC Diversity (Peak, Ch.149, 802.11n, MCS15)

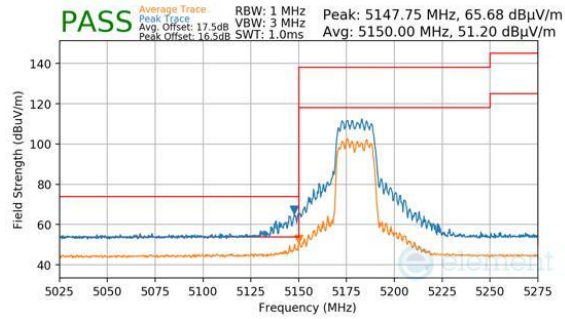


Plot 7-453. CDC Diversity (Peak, Ch.136, 802.11n, MCS15)

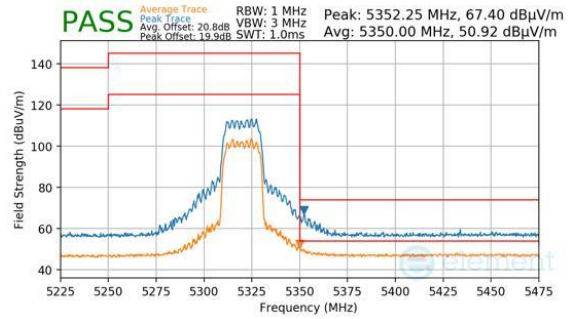


Plot 7-456. CDC Diversity (Peak, Ch.165, 802.11n, MCS15)

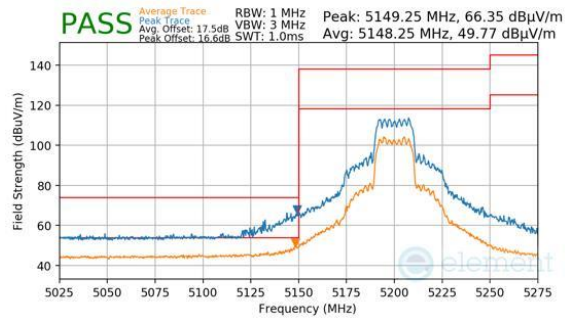
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 240 of 270



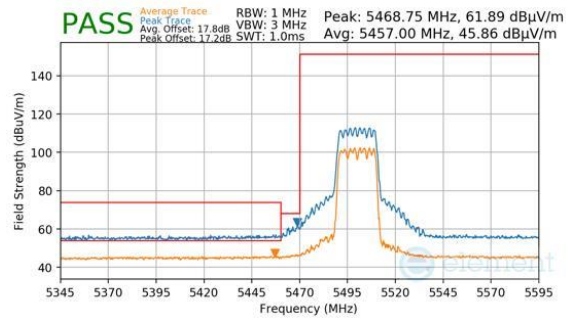
Plot 7-457. CDC Diversity (Peak & Average, Ch.36, 802.11ax(SU), MCS11)



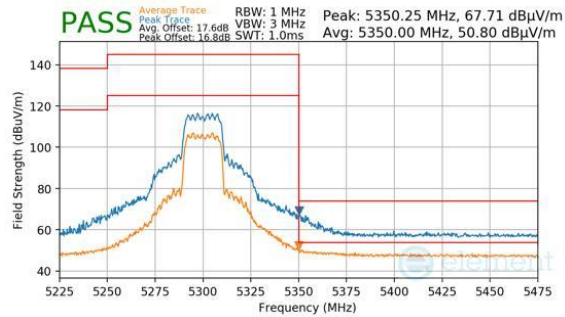
Plot 7-460. CDC Diversity (Peak & Average, Ch.64, 802.11ax(SU), MCS11)



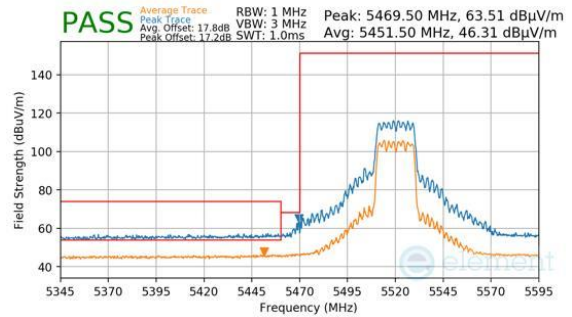
Plot 7-458. CDC Diversity (Peak & Average, Ch.40, 802.11ax(SU), MCS11)



Plot 7-461. CDC Diversity (Peak & Average, Ch.100, 802.11ax(SU), MCS11)



Plot 7-459. CDC Diversity (Peak & Average, Ch.60, 802.11ax(SU), MCS11)

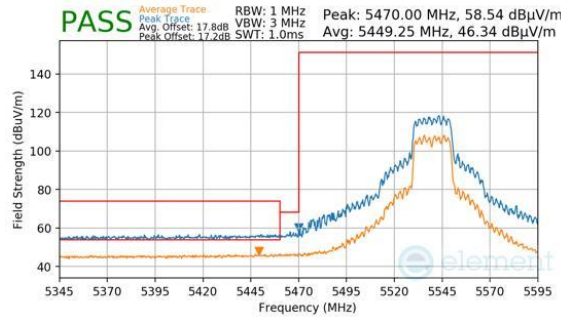


Plot 7-462. CDC Diversity (Peak & Average, Ch.104, 802.11ax(SU), MCS11)

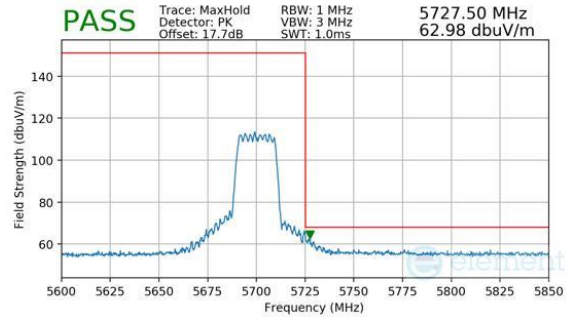
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 241 of 270

V 10.6 10/27/2023

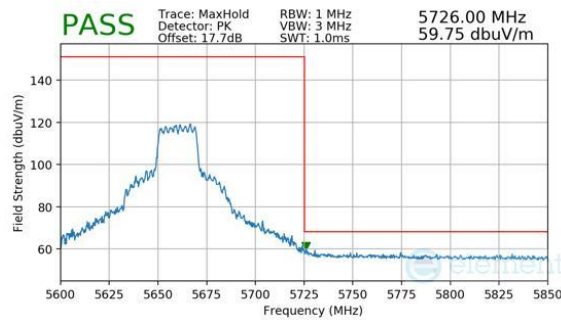
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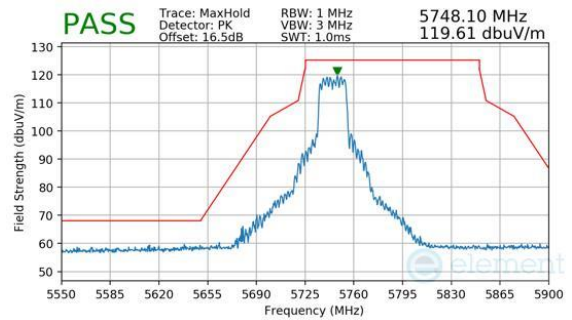
Plot 7-463. CDC Diversity (Peak & Average, Ch.108, 802.11ax(SU), MCS11)



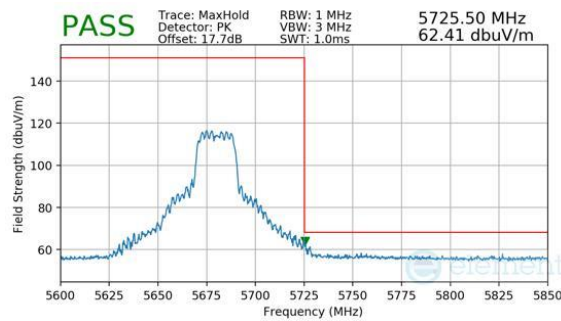
Plot 7-466. CDC Diversity (Peak, Ch.140, 802.11ax(SU), MCS11)



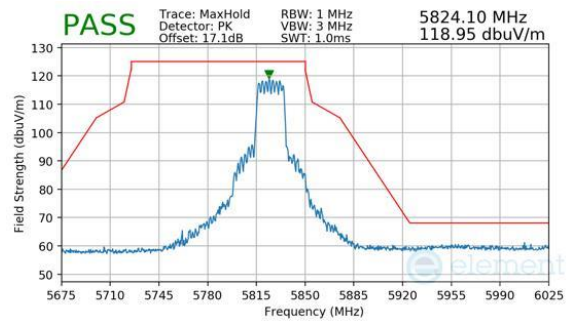
Plot 7-464. CDC Diversity (Peak, Ch.132, 802.11ax(SU), MCS11)



Plot 7-467. CDC Diversity (Peak, Ch.149, 802.11ax(SU), MCS11)



Plot 7-465. CDC Diversity (Peak, Ch.136, 802.11ax(SU), MCS11)

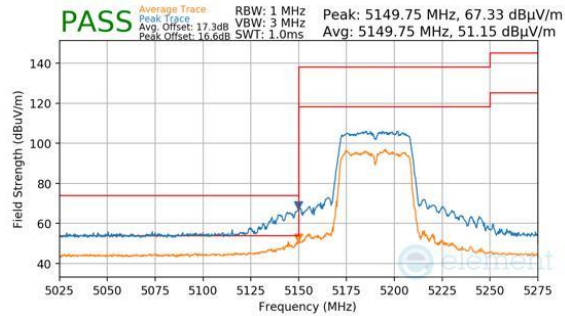


Plot 7-468. CDC Diversity (Peak, Ch.165, 802.11ax(SU), MCS11)

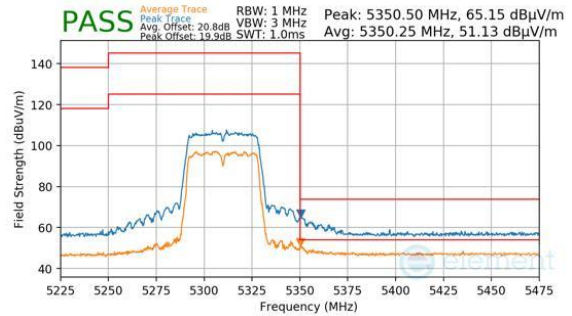
FCC ID: BCGA3269 IC: 579C-A3269			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 242 of 270	

7.6.21 CDD Diversity Radiated Band Edge Measurements (40MHz BW)

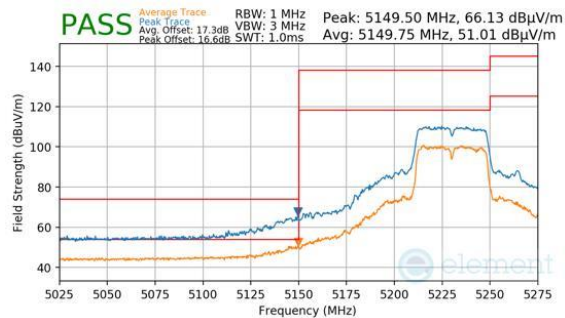
\$15.407(b.1)(b.2) \$15.205 \$15.209; RSS-Gen [8.9]



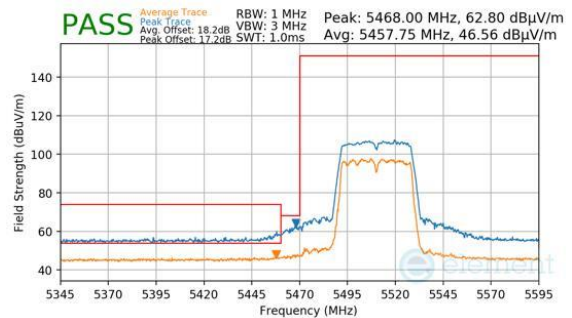
Plot 7-469. CDC Diversity (Peak & Average, Ch.38, 802.11n, MCS15)



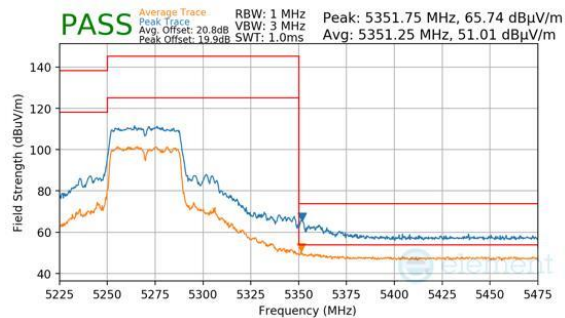
Plot 7-472. CDC Diversity (Peak & Average, Ch.62, 802.11n, MCS15)



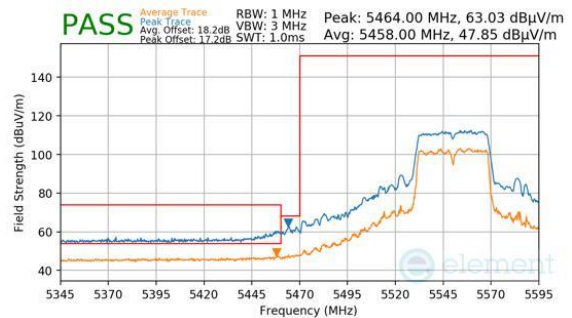
Plot 7-470. CDC Diversity (Peak & Average, Ch.46, 802.11n, MCS15)



Plot 7-473. CDC Diversity (Peak & Average, Ch.102, 802.11n, MCS15)



Plot 7-471. CDC Diversity (Peak & Average, Ch.54, 802.11n, MCS15)

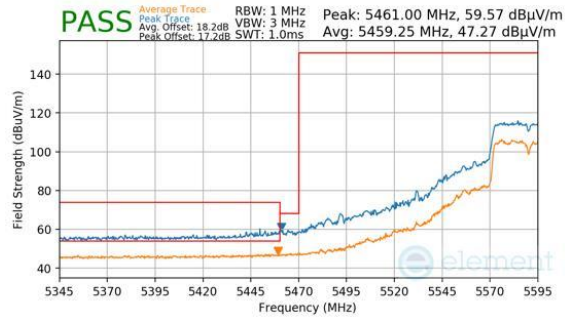


Plot 7-474. CDC Diversity (Peak & Average, Ch.110, 802.11n, MCS15)

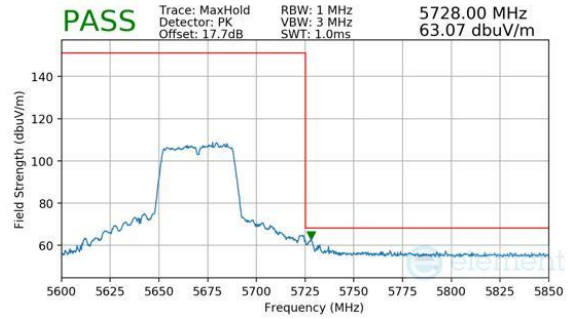
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 243 of 270

V 10.6 10/27/2023

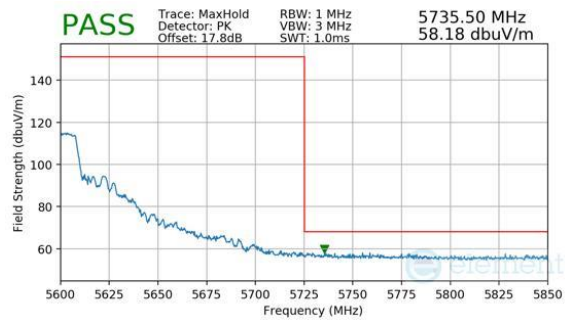
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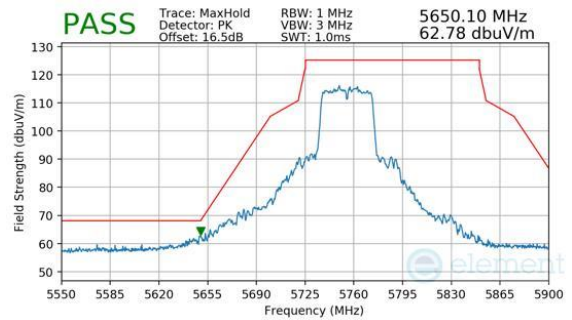
Plot 7-475. (FCC Only) CDC Diversity (Peak & Average, Ch.118, 802.11n, MCS15)



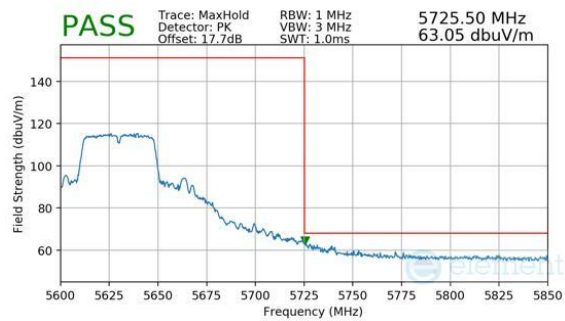
Plot 7-478. CDC Diversity (Peak, Ch.134, 802.11n, MCS15)



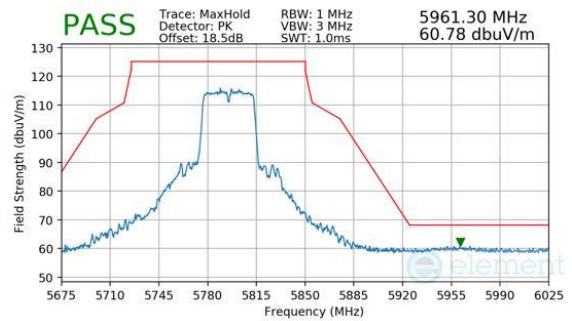
Plot 7-476. (FCC Only) CDC Diversity (Peak, Ch.118, 802.11n, MCS15)



Plot 7-479. CDC Diversity (Peak, Ch.151, 802.11n, MCS15)

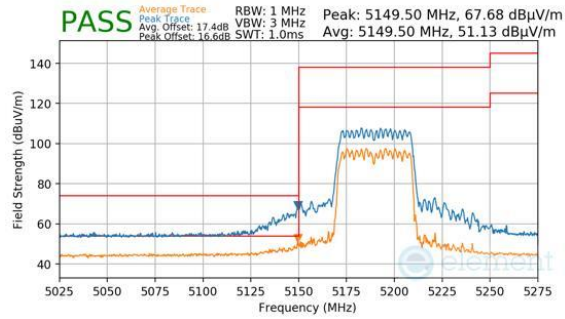


Plot 7-477. (FCC Only) CDC Diversity (Peak, Ch.126, 802.11n, MCS15)

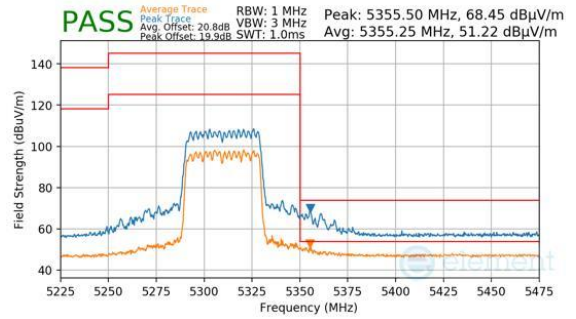


Plot 7-480. CDC Diversity (Peak, Ch.159, 802.11n, MCS15)

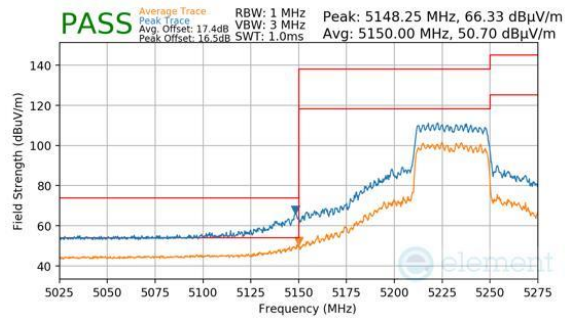
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 244 of 270



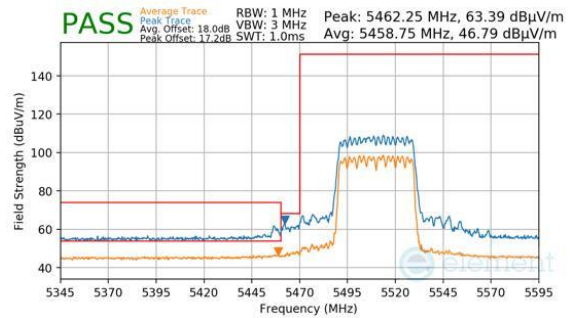
Plot 7-481. CDC Diversity (Peak & Average, Ch.38, 802.11ax(SU), MCS11)



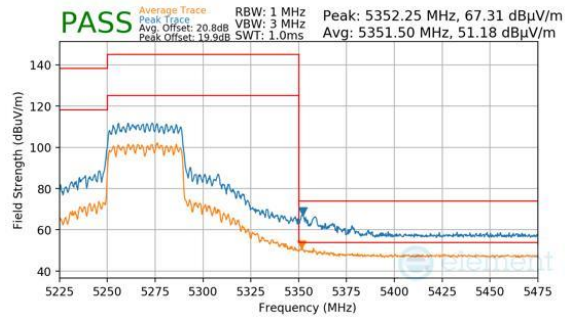
Plot 7-484. CDC Diversity (Peak & Average, Ch.62, 802.11ax(SU), MCS11)



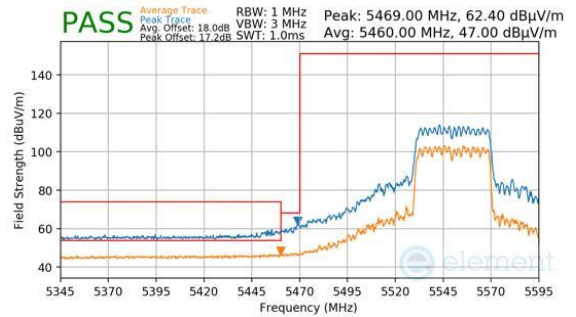
Plot 7-482. CDC Diversity (Peak & Average, Ch.46, 802.11ax(SU), MCS11)



Plot 7-485. CDC Diversity (Peak & Average, Ch.102, 802.11ax(SU), MCS11)

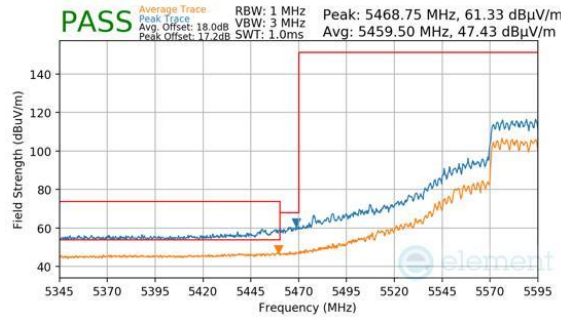


Plot 7-483. CDC Diversity (Peak & Average, Ch.54, 802.11ax(SU), MCS11)

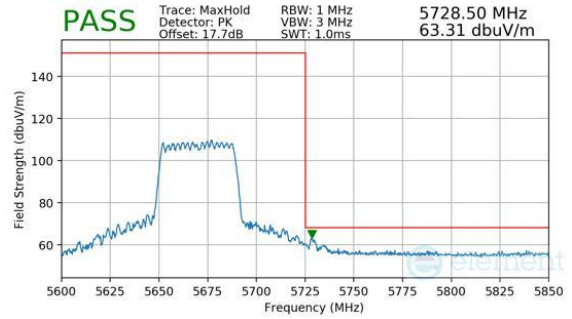


Plot 7-486. CDC Diversity (Peak & Average, Ch.110, 802.11ax(SU), MCS11)

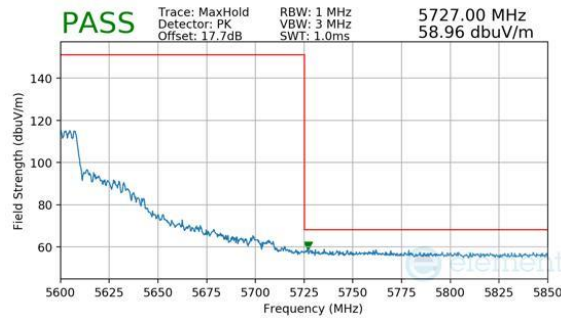
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 245 of 270



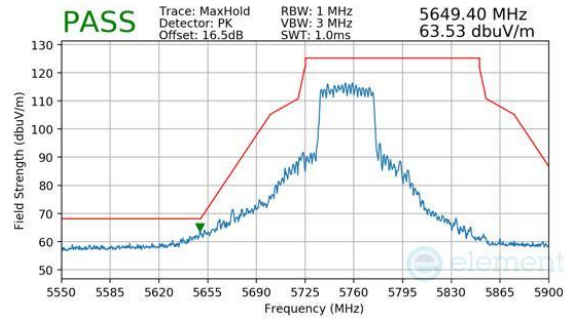
Plot 7-487. (FCC Only) CDC Diversity (Peak & Average, Ch.118, 802.11ax(SU), MCS11)



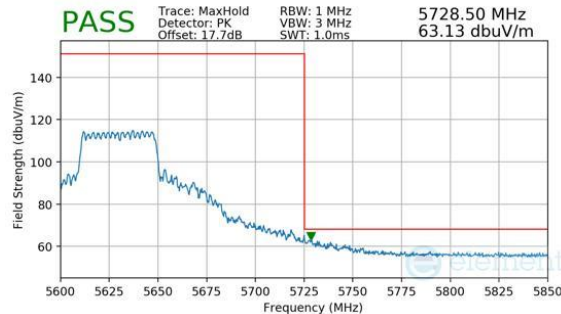
Plot 7-490. CDC Diversity (Peak, Ch.134, 802.11ax(SU), MCS11)



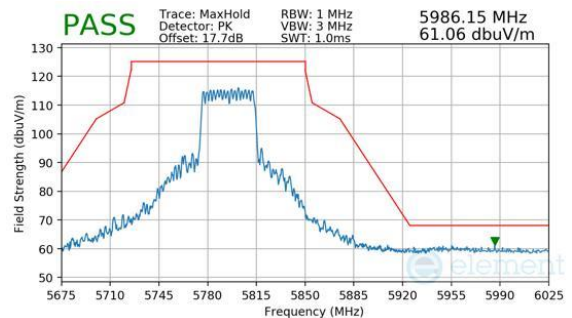
Plot 7-488. (FCC Only) CDC Diversity (Peak, Ch.118, 802.11ax(SU), MCS11)



Plot 7-491. CDC Diversity (Peak, Ch.151, 802.11ax(SU), MCS11)



Plot 7-489. (FCC Only) CDC Diversity (Peak, Ch.126, 802.11ax(SU), MCS11)



Plot 7-492. CDC Diversity (Peak, Ch.159, 802.11ax(SU), MCS11)

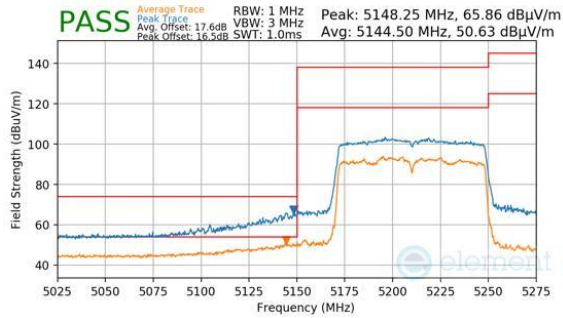
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 246 of 270

V 10.6 10/27/2023

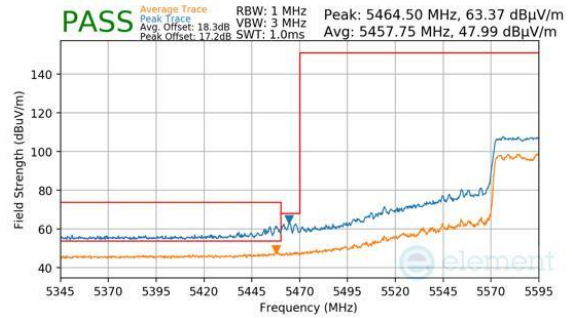
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7.6.22 CDD Diversity Radiated Band Edge Measurements (80MHz BW)

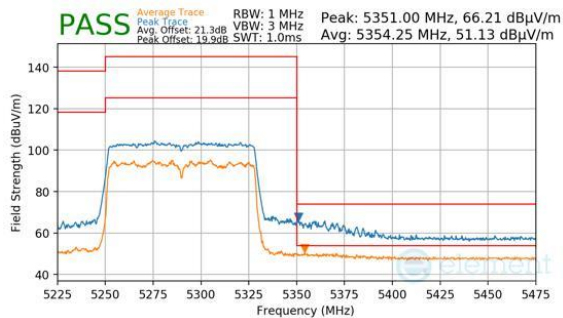
\$15.407(b.1)(b.2) \$15.205 \$15.209; RSS-Gen [8.9]



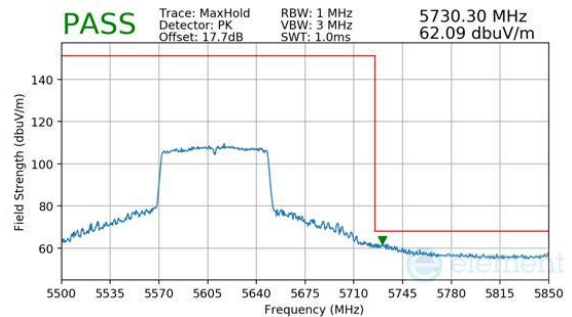
Plot 7-493. CDC Diversity (Peak & Average, Ch.42, 802.11ac, MCS9)



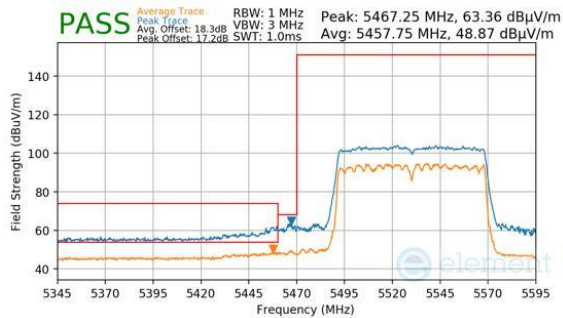
Plot 7-496. (FCC Only) CDC Diversity (Peak & Average, Ch.122, 802.11ac, MCS9)



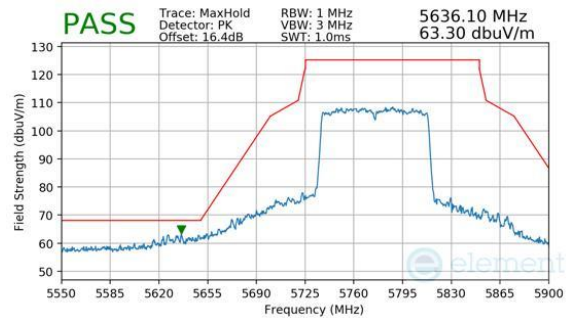
Plot 7-494. CDC Diversity (Peak & Average, Ch.58, 802.11ac, MCS9)



Plot 7-497. (FCC Only) CDC Diversity (Peak, Ch.122, 802.11ac, MCS9)



Plot 7-495. CDC Diversity (Peak & Average, Ch.106, 802.11ac, MCS9)

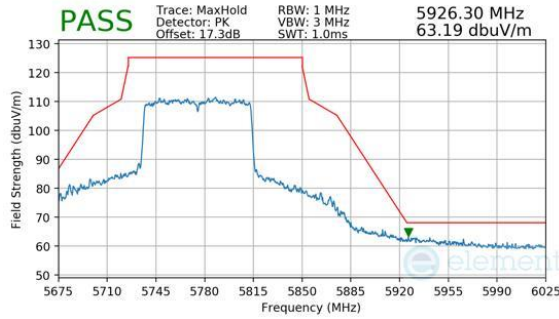


Plot 7-498. CDC Diversity (Peak, Ch.155, 802.11ac, MCS9)

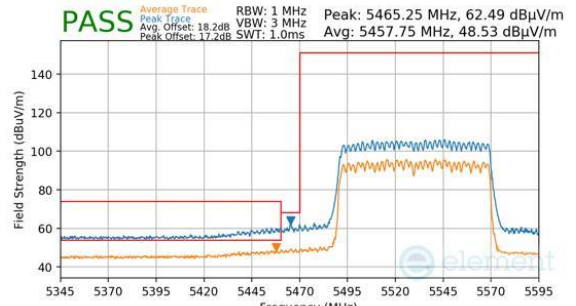
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 247 of 270

V 10.6 10/27/2023

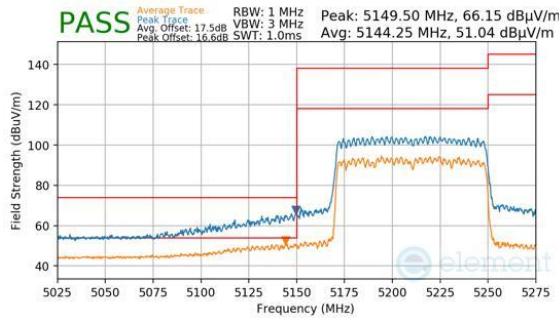
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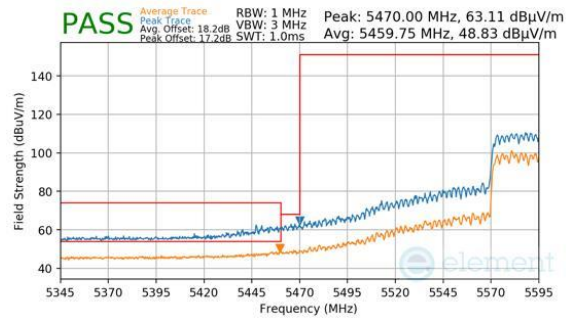
Plot 7-499. CDC Diversity (Peak, Ch.155, 802.11ac, MCS9)



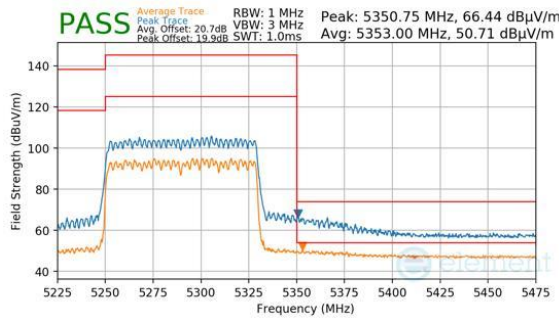
Plot 7-502. CDC Diversity (Peak & Average, Ch.106, 802.11ax(SU), MCS11)



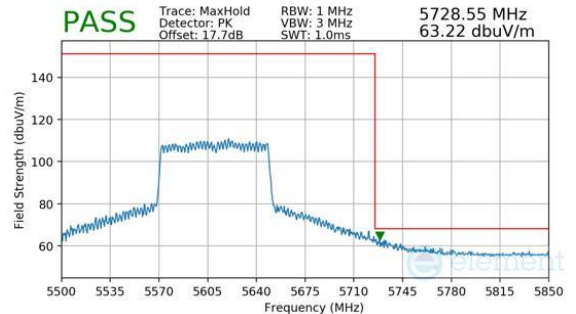
Plot 7-500. CDC Diversity (Peak & Average, Ch.42, 802.11ax(SU), MCS11)



Plot 7-503. (FCC Only) CDC Diversity (Peak & Average, Ch.122, 802.11ax(SU), MCS11)

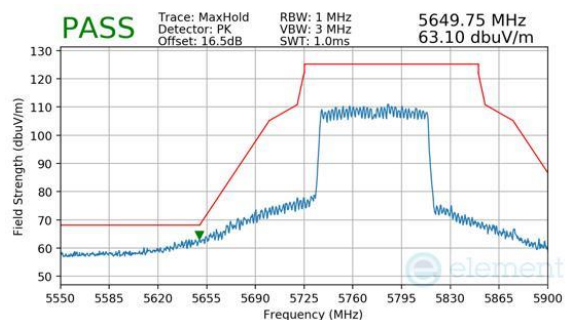


Plot 7-501. CDC Diversity (Peak & Average, Ch.58, 802.11ax(SU), MCS11)

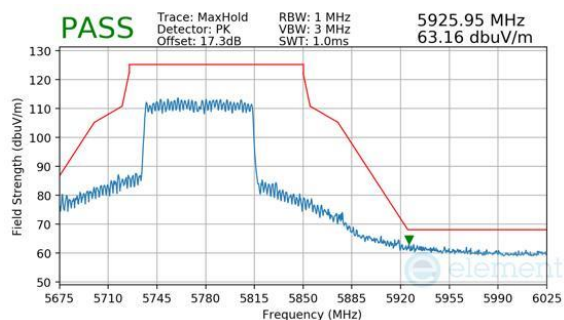


Plot 7-504. (FCC Only) CDC Diversity (Peak, Ch.122, 802.11ax(SU), MCS11)


FCC ID: BCGA3269 IC: 579C-A3269			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 248 of 270	



Plot 7-505. CDC Diversity (Peak, Ch.155, 802.11ax(SU), MCS11)



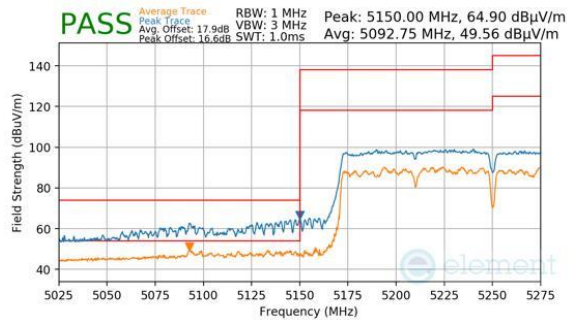
Plot 7-506. CDC Diversity (Peak, Ch.155, 802.11ax(SU), MCS11)

FCC ID: BCGA3269 IC: 579C-A3269	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 249 of 270

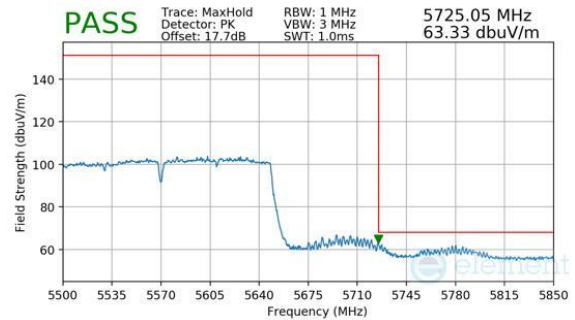
V 10.6 10/27/2023

7.6.23 CDD Diversity Radiated Band Edge Measurements (160MHz BW)

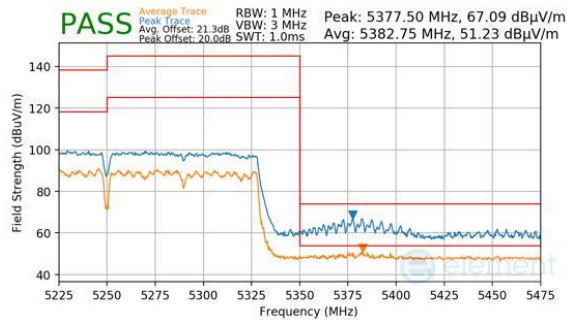
\$15.407(b.1)(b.2) \$15.205 \$15.209; RSS-Gen [8.9]



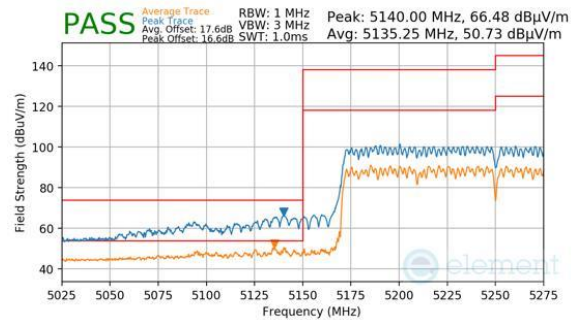
Plot 7-507. CDC Diversity (Peak & Average, Ch.50, 802.11ac, MCS9)



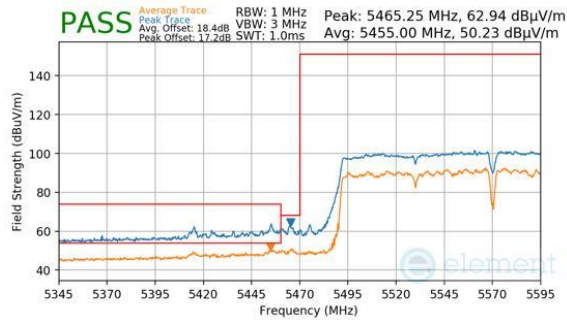
Plot 7-510. (FCC Only) CDC Diversity (Peak, Ch.114, 802.11ac, MCS9)



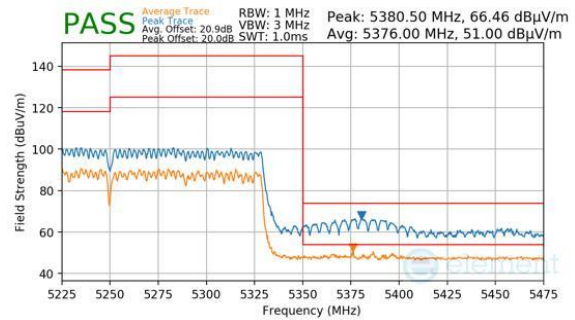
Plot 7-508. CDC Diversity (Peak & Average, Ch.50, 802.11ac, MCS9)



Plot 7-511. CDC Diversity (Peak & Average, Ch.50, 802.11ac(SU), MCS11)



Plot 7-509. (FCC Only) CDC Diversity (Peak & Average, Ch.114, 802.11ac, MCS9)

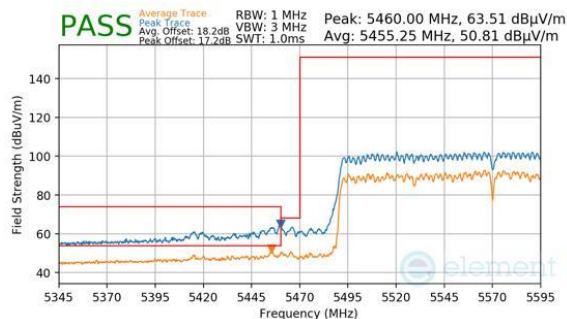


Plot 7-512. CDC Diversity (Peak & Average, Ch.50, 802.11ax(SU), MCS11)

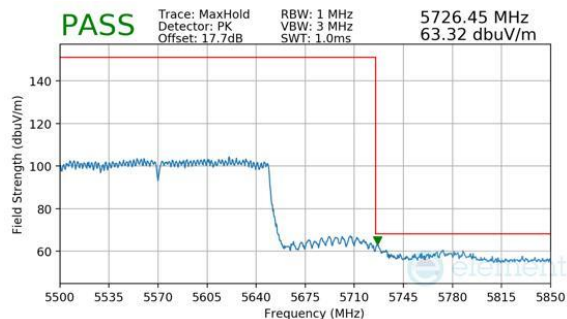
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 250 of 270

V 10.6 10/27/2023


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Plot 7-513. (FCC Only) CDC Diversity (Peak & Average, Ch.114, 802.11ax(SU), MCS11)



Plot 7-514. (FCC Only) CDC Diversity (Peak, Ch.114, 802.11ax(SU), MCS11)

FCC ID: BCGA3269 IC: 579C-A3269	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 251 of 270

V 10.6 10/27/2023

7.7 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 7-165 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 7-165. 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: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 252 of 270

V 10.6 10/27/2023

Test Setup

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

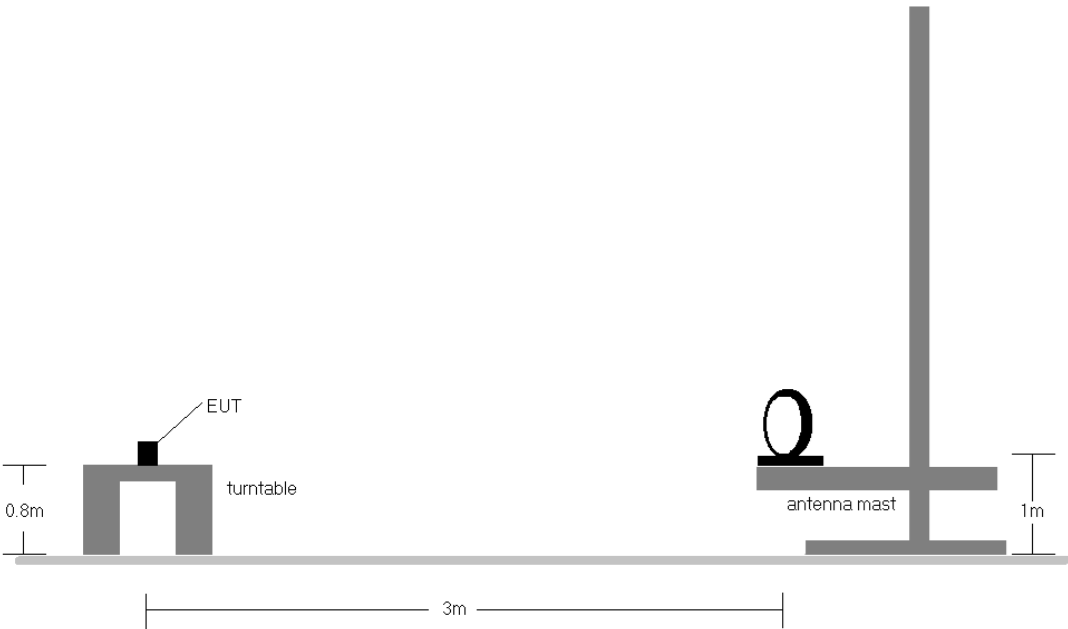


Figure 7-6. Radiated Test Setup < 30MHz

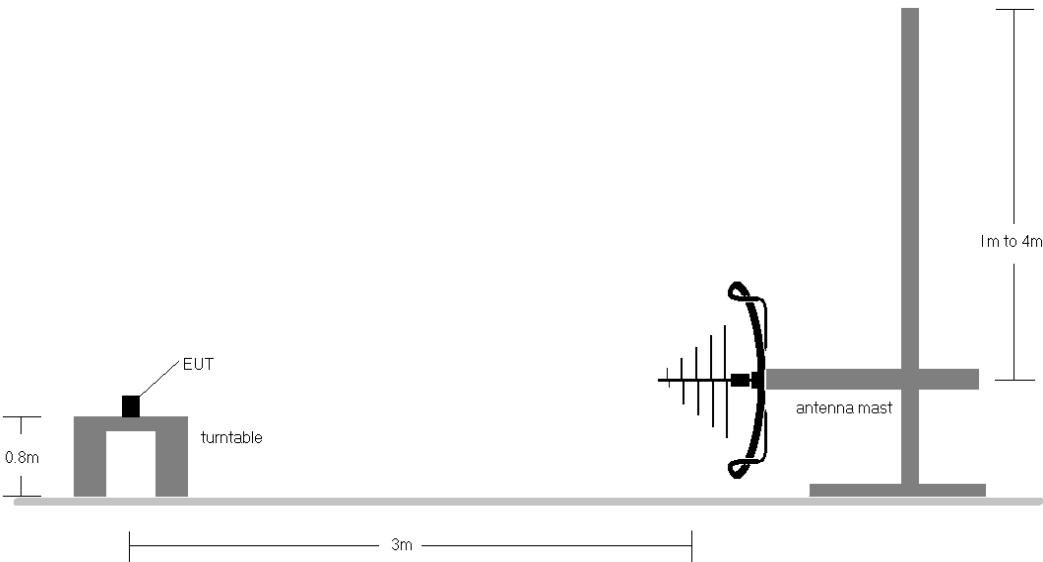



Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 253 of 270

V 10.6 10/27/2023

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 7-165.
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

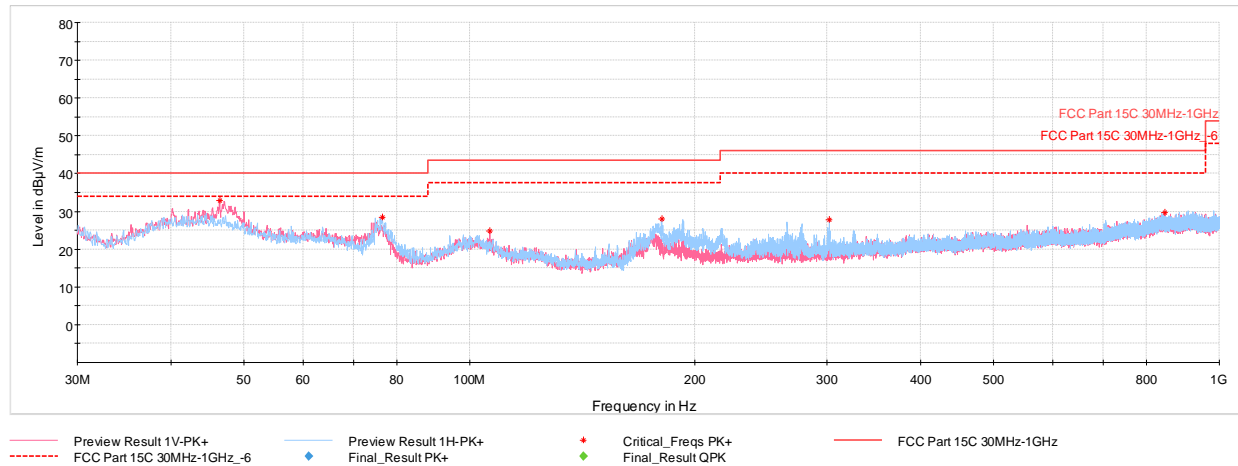
Determining Spurious Emissions Levels

- 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: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 254 of 270

V 10.6 10/27/2023

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



Plot 7-515. Radiated Spurious Emissions below 1GHz CDD Primary, 802.11n, Ch.40 with AC/DC Adapter

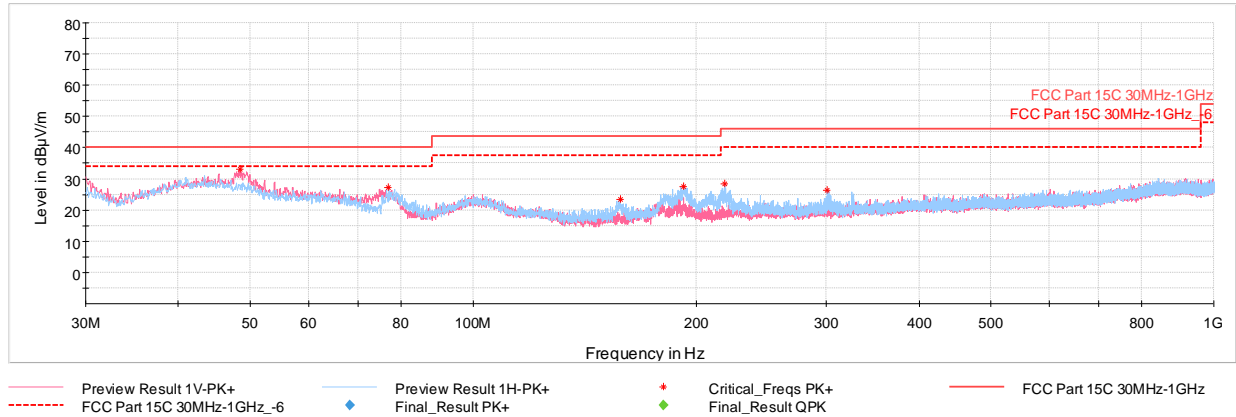
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
46.44	Max Peak	V	100	151	-59.65	-14.42	32.93	40.00	-7.07
76.56	Max Peak	H	300	62	-57.37	-21.28	28.35	40.00	-11.65
106.44	Max Peak	V	100	151	-65.62	-16.60	24.78	43.52	-18.74
180.40	Max Peak	H	200	174	-61.30	-17.75	27.95	43.52	-15.57
301.75	Max Peak	H	100	88	-66.07	-13.25	27.68	46.02	-18.34
845.58	Max Peak	V	100	13	-75.20	-2.17	29.63	46.02	-16.39

Table 7-166. Radiated Spurious Emissions below 1GHz CDD Primary, 802.11n, Ch.40 with AC/DC Adapter

FCC ID: BCGA3269 IC: 579C-A3269	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 255 of 270

V 10.6 10/27/2023

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Plot 7-516. Radiated Spurious Emissions below 1GHz CDD Primary, 802.11ax (SU), Ch.40 with AC/DC Adapter

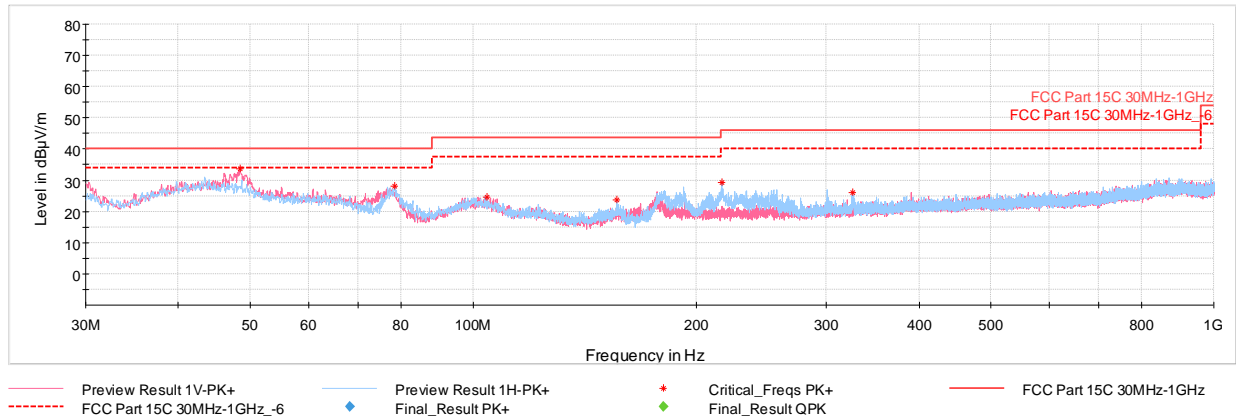
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
48.43	Max Peak	V	100	117	-59.46	-14.35	33.19	40.00	-6.81
76.90	Max Peak	H	200	266	-58.41	-21.34	27.25	40.00	-12.75
157.99	Max Peak	H	100	202	-64.62	-19.01	23.37	43.52	-20.15
192.18	Max Peak	H	100	336	-63.07	-16.26	27.67	43.52	-15.85
218.91	Max Peak	H	100	234	-62.65	-15.84	28.51	46.02	-17.51
300.92	Max Peak	H	100	271	-67.38	-13.33	26.29	46.02	-19.73

Table 7-167. Radiated Spurious Emissions below 1GHz CDD Primary, 802.11ax (SU), Ch.40 with AC/DC Adapter

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 256 of 270

V 10.6 10/27/2023

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



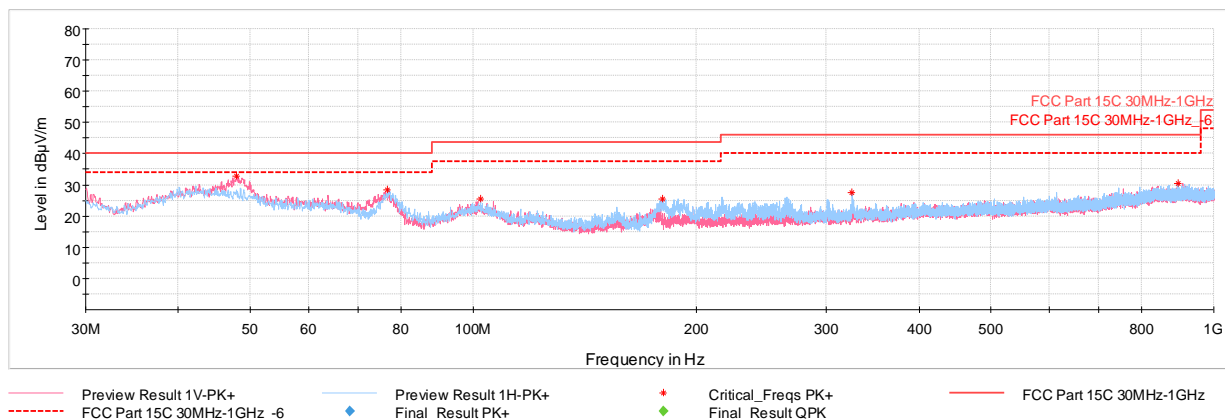
Plot 7-517. Radiated Spurious Emissions below 1GHz CDD Diversity, 802.11n, Ch.40 with AC/DC Adapter

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]
48.48	Max Peak	V	100	220	-59.02	-14.35	33.63	40.00	-6.37
78.36	Max Peak	H	300	43	-57.46	-21.57	27.97	40.00	-12.03
104.35	Max Peak	V	300	307	-66.08	-16.36	24.56	43.52	-18.96
156.34	Max Peak	H	200	195	-64.07	-19.22	23.71	43.52	-19.81
216.58	Max Peak	H	200	200	-61.87	-15.97	29.16	46.02	-16.86
325.71	Max Peak	H	100	270	-68.39	-12.48	26.13	46.02	-19.89

Table 7-168. Radiated Spurious Emissions below 1GHz CDD Diversity, 802.11n, Ch.40 with AC/DC Adapter


FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 257 of 270

V 10.6 10/27/2023



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]
47.95	Max Peak	V	100	304	-59.81	-14.36	32.83	40.00	-7.17
76.66	Max Peak	H	300	275	-57.35	-21.30	28.35	40.00	-11.65
102.41	Max Peak	H	200	128	-65.20	-16.40	25.40	43.52	-18.12
180.30	Max Peak	H	200	212	-63.68	-17.75	25.57	43.52	-17.95
324.98	Max Peak	H	100	256	-66.98	-12.49	27.53	46.02	-18.49
895.19	Max Peak	H	100	15	-74.80	-1.65	30.55	46.02	-15.47

Table 7-169. Radiated Spurious Emissions below 1GHz CDD Diversity, 802.11ax (SU), Ch.40 with AC/DC Adapter

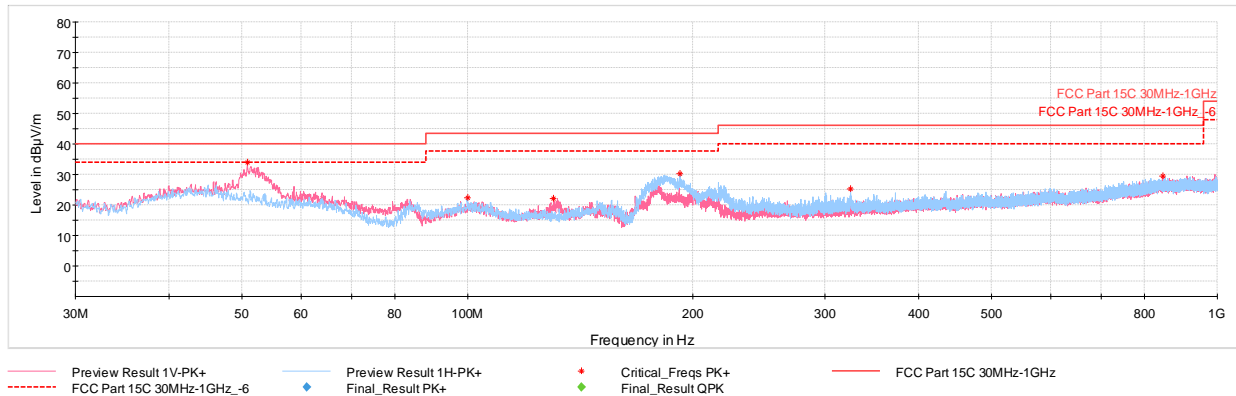
FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 258 of 270

V 10.6 10/27/2023

7.7.3 Simultaneous TX Radiated Spurious Emissions Measurements (Below 1GHz)

Description	LTE (Band 41)	802.11n 5GHz
Antenna	Antenna 3b	Antenna 3b
Channel	39750	36
Operating Frequency (MHz)	2506	5180
Mode/Modulation	QPSK/1RB/20MHz	802.11n

Table 7-170. Worst Case Simultaneous Transmission Configuration



Plot 7-519. Radiated Spurious Emissions – Simultaneous Transmission 30MHz – 1GHz, 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]
50.90	Max Peak	V	100	25	-58.83	-14.21	33.95	40.00	-6.05
99.99	Max Peak	H	300	19	-68.17	-16.59	22.24	43.52	-21.28
130.20	Max Peak	V	100	244	-65.22	-19.60	22.17	43.52	-21.35
191.89	Max Peak	H	200	189	-60.50	-16.31	30.20	43.52	-13.32
324.20	Max Peak	H	100	173	-69.31	-12.56	25.13	46.02	-20.89
845.43	Max Peak	V	300	98	-75.28	-2.19	29.53	46.02	-16.49

Table 7-171. Radiated Spurious Emissions – Simultaneous Transmission 30MHz – 1GHz, with AC/DC Adapter)

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 259 of 270

V 10.6 10/27/2023

7.8 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 7-172. 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: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 260 of 270

V 10.6 10/27/2023

Test Setup

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

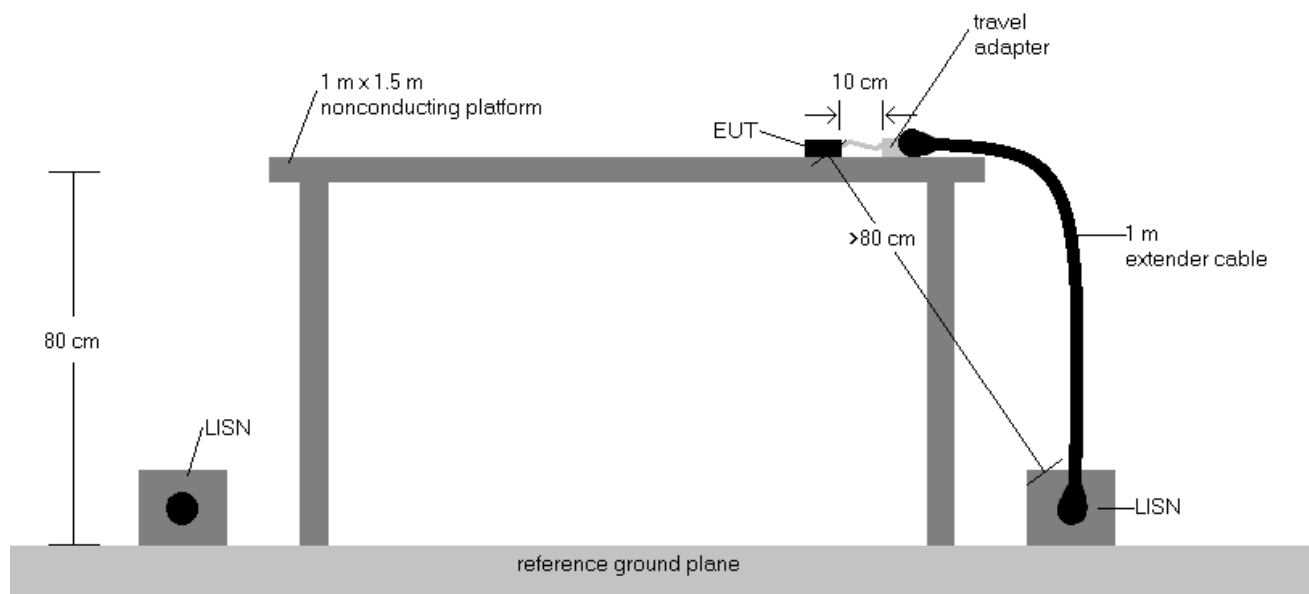



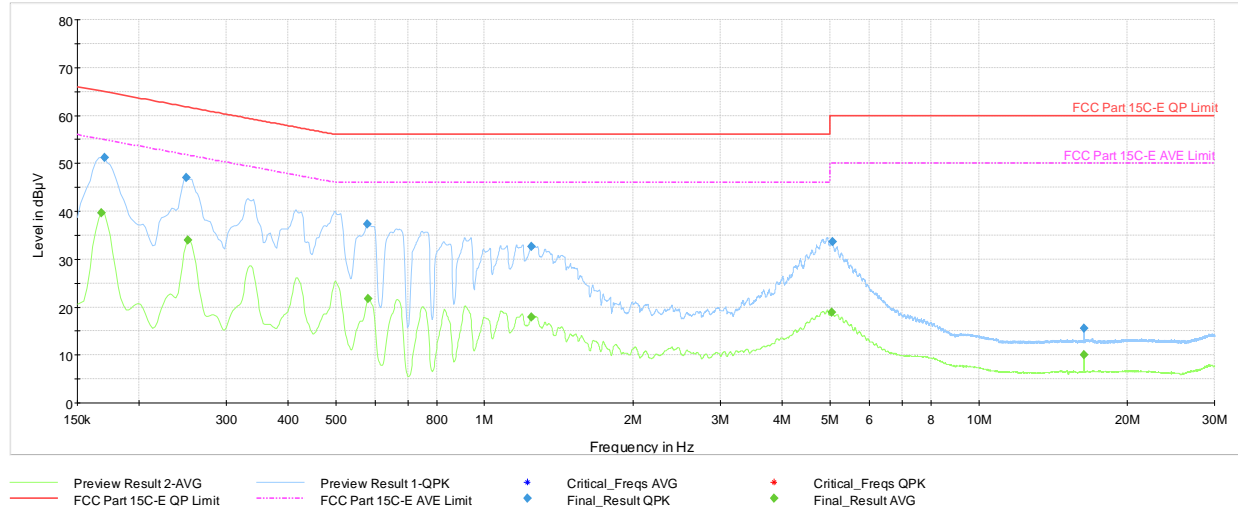
Figure 7-8. Test Instrument & Measurement Setup

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: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 261 of 270

V 10.6 10/27/2023



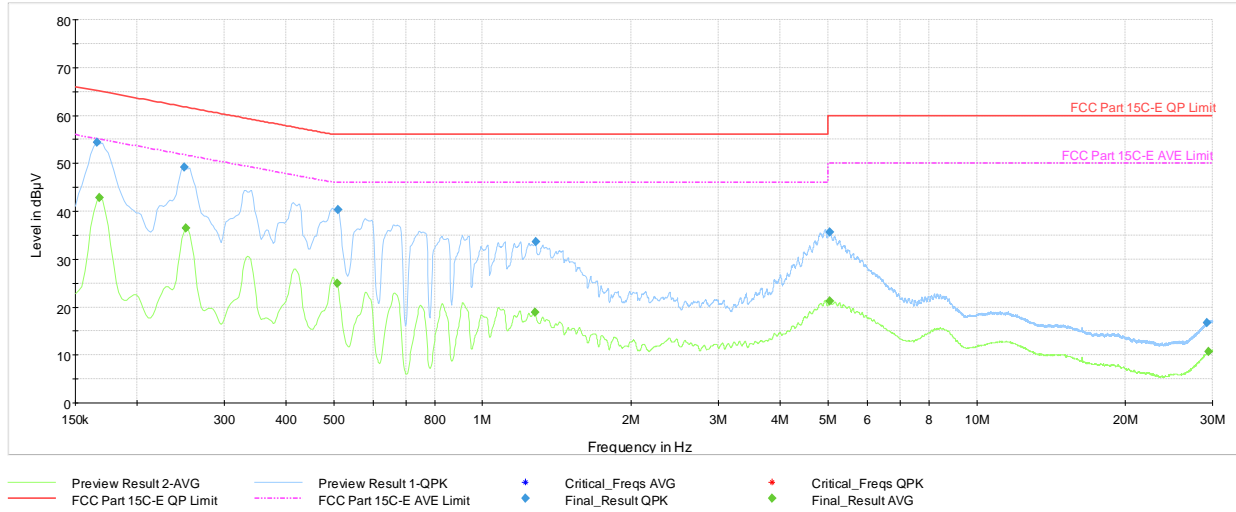
Plot 7-520. AC Line Conducted Plot with 802.11n CDD Primary – Ch.40 (L1), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	39.72	55.06	-15.34	L1	GND
0.17	FINAL	51.14	---	64.95	-13.81	L1	GND
0.25	FINAL	47.03	---	61.79	-14.76	L1	GND
0.25	FINAL	---	33.97	51.72	-17.75	L1	GND
0.58	FINAL	37.27	---	56.00	-18.73	L1	GND
0.58	FINAL	---	21.77	46.00	-24.23	L1	GND
1.24	FINAL	---	17.86	46.00	-28.14	L1	GND
1.25	FINAL	32.64	---	56.00	-23.36	L1	GND
5.04	FINAL	---	18.94	50.00	-31.06	L1	GND
5.05	FINAL	33.63	---	60.00	-26.37	L1	GND
16.32	FINAL	15.56	---	60.00	-44.44	L1	GND
16.33	FINAL	---	10.09	50.00	-39.91	L1	GND

Table 7-173. AC Line Conducted Data with 802.11n CDD Primary – Ch.40 (L1) with AC/DC adapter

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 262 of 270

V 10.6 10/27/2023



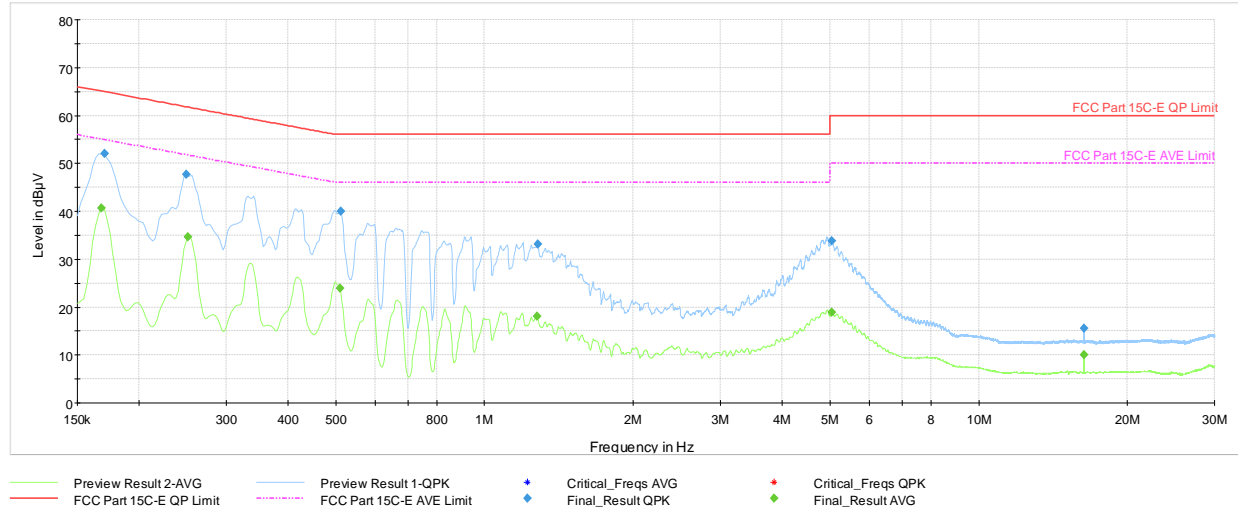
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	54.32	---	65.17	-10.85	N	GND
0.17	FINAL	---	42.91	55.06	-12.15	N	GND
0.25	FINAL	49.25	---	61.79	-12.54	N	GND
0.25	FINAL	---	36.44	51.72	-15.28	N	GND
0.51	FINAL	---	24.88	46.00	-21.12	N	GND
0.51	FINAL	40.29	---	56.00	-15.71	N	GND
1.28	FINAL	---	18.86	46.00	-27.14	N	GND
1.28	FINAL	33.56	---	56.00	-22.44	N	GND
5.04	FINAL	35.63	---	60.00	-24.37	N	GND
5.04	FINAL	---	21.19	50.00	-28.81	N	GND
29.27	FINAL	16.75	---	60.00	-43.25	N	GND
29.47	FINAL	---	10.65	50.00	-39.35	N	GND

Table 7-174. AC Line Conducted Data with 802.11n CDD Primary – Ch.40 (N), with AC/DC adapter

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 263 of 270

V 10.6 10/27/2023

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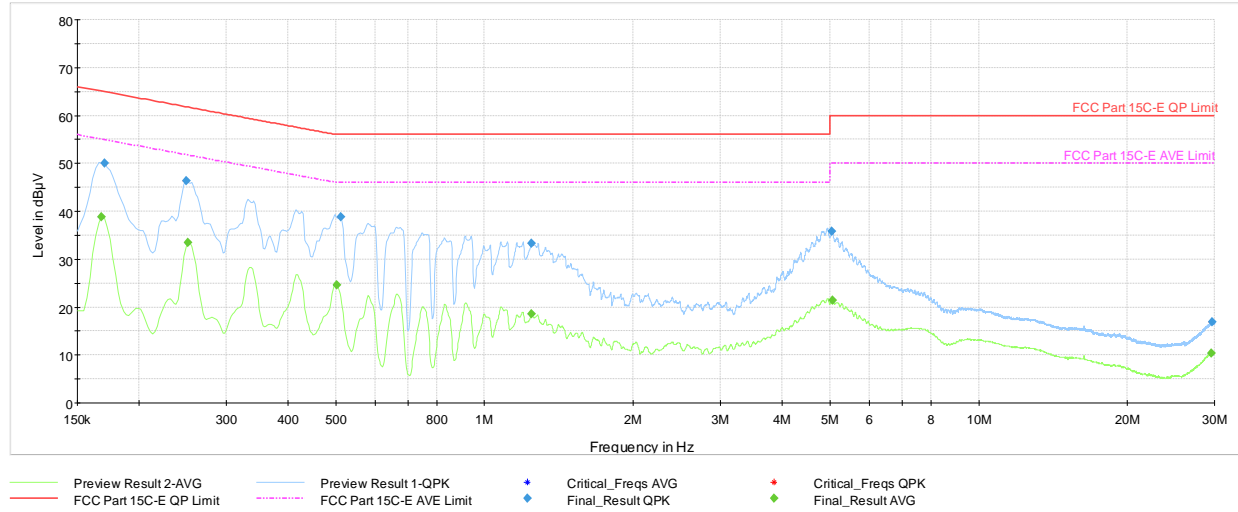
Plot 7-522. AC Line Conducted Plot with 802.11ax(SU) CDD Primary – Ch.40 (L1), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	40.69	55.06	-14.37	L1	GND
0.17	FINAL	52.05	---	64.95	-12.90	L1	GND
0.25	FINAL	47.63	---	61.79	-14.16	L1	GND
0.25	FINAL	---	34.67	51.72	-17.05	L1	GND
0.51	FINAL	---	23.93	46.00	-22.07	L1	GND
0.51	FINAL	40.04	---	56.00	-15.96	L1	GND
1.28	FINAL	---	18.02	46.00	-27.98	L1	GND
1.28	FINAL	33.13	---	56.00	-22.87	L1	GND
5.05	FINAL	33.82	---	60.00	-26.18	L1	GND
5.05	FINAL	---	18.99	50.00	-31.01	L1	GND
16.33	FINAL	15.49	---	60.00	-44.51	L1	GND
16.33	FINAL	---	10.04	50.00	-39.96	L1	GND

Table 7-175. AC Line Conducted Data with 802.11ax(SU) CDD Primary – Ch.40 (L1) with AC/DC adapter

FCC ID: BCGA3269 IC: 579C-A3269	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 264 of 270

V 10.6 10/27/2023



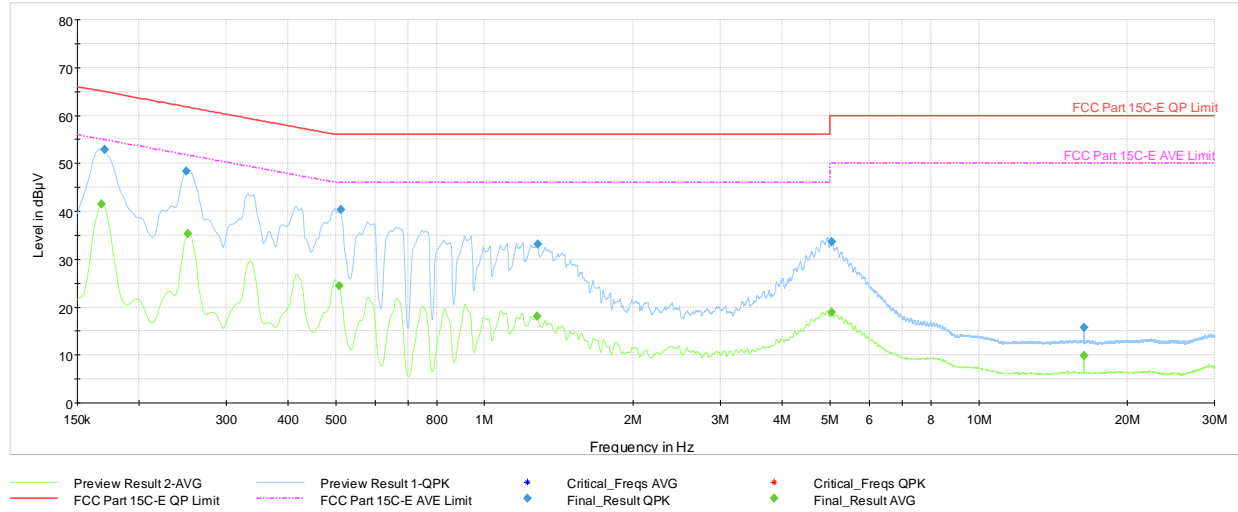
Plot 7-523. AC Line Conducted Plot with 802.11ax(SU) CDD Primary – Ch.40 (N), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.17	FINAL	---	38.76	55.06	-16.30	N	GND
0.17	FINAL	50.04	---	64.95	-14.91	N	GND
0.25	FINAL	46.35	---	61.79	-15.44	N	GND
0.25	FINAL	---	33.42	51.72	-18.30	N	GND
0.50	FINAL	---	24.59	46.00	-21.41	N	GND
0.51	FINAL	38.81	---	56.00	-17.19	N	GND
1.25	FINAL	33.38	---	56.00	-22.62	N	GND
1.25	FINAL	---	18.57	46.00	-27.43	N	GND
5.05	FINAL	35.86	---	60.00	-24.14	N	GND
5.05	FINAL	---	21.43	50.00	-28.57	N	GND
29.54	FINAL	---	10.36	50.00	-39.64	N	GND
29.62	FINAL	16.83	---	60.00	-43.17	N	GND

Table 7-176. AC Line Conducted Data with 802.11ax(SU) CDD Primary – Ch.40 (N), with AC/DC adapter

FCC ID: BCGA3269 IC: 579C-A3269	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 265 of 270

V 10.6 10/27/2023



Plot 7-524. AC Line Conducted Plot with 802.11n CDD Diversity – Ch.40 (L1), with AC/DC adapter

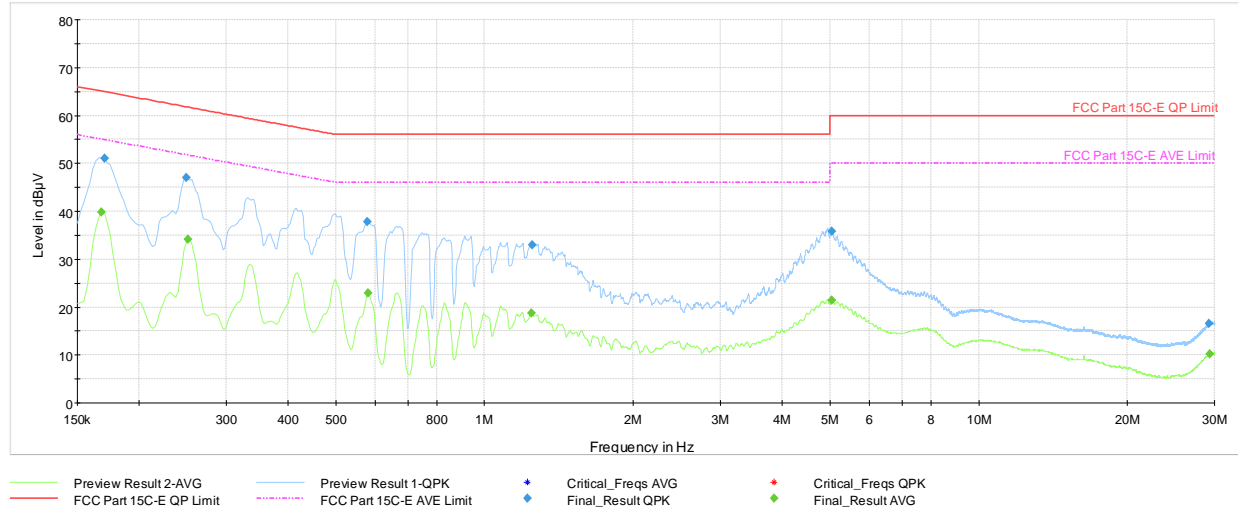
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	41.57	55.06	-13.49	L1	GND
0.17	FINAL	52.95	---	64.95	-12.00	L1	GND
0.25	FINAL	48.29	---	61.79	-13.50	L1	GND
0.25	FINAL	---	35.32	51.72	-16.40	L1	GND
0.51	FINAL	---	24.36	46.00	-21.64	L1	GND
0.51	FINAL	40.31	---	56.00	-15.69	L1	GND
1.28	FINAL	---	18.16	46.00	-27.84	L1	GND
1.28	FINAL	33.13	---	56.00	-22.87	L1	GND
5.05	FINAL	33.69	---	60.00	-26.31	L1	GND
5.05	FINAL	---	18.88	50.00	-31.12	L1	GND
16.33	FINAL	---	9.87	50.00	-40.13	L1	GND
16.34	FINAL	15.65	---	60.00	-44.35	L1	GND

Table 7-177. AC Line Conducted Data with 802.11n CDD Diversity – Ch.40 (L1) with AC/DC adapter

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 266 of 270

V 10.6 10/27/2023

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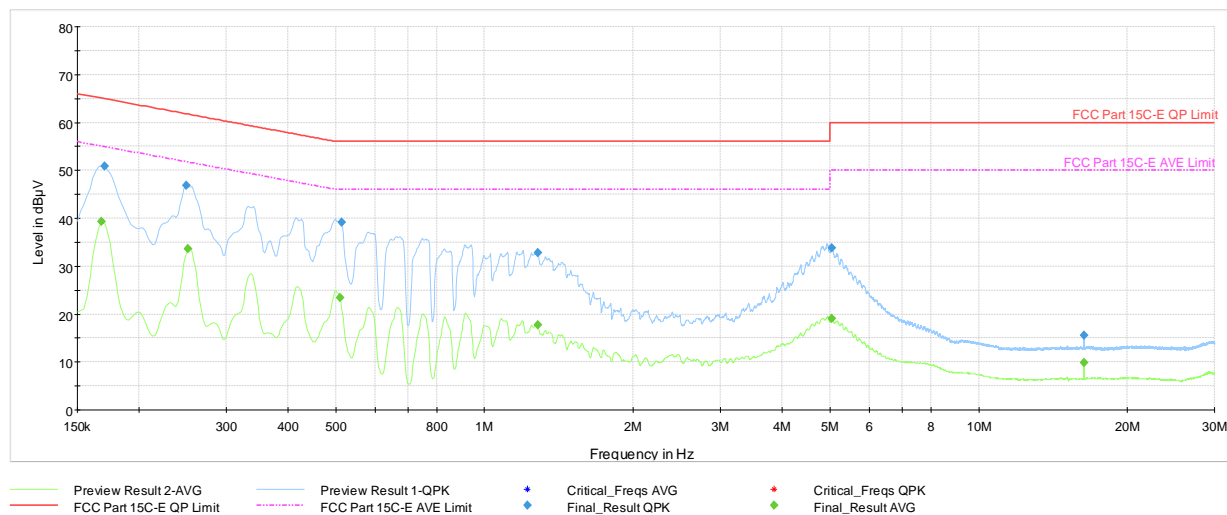
Plot 7-525. AC Line Conducted Plot with 802.11n CDD Diversity – Ch.40 (N), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	39.90	55.06	-15.16	N	GND
0.17	FINAL	51.11	---	64.95	-13.84	N	GND
0.25	FINAL	47.04	---	61.79	-14.75	N	GND
0.25	FINAL	---	34.18	51.72	-17.54	N	GND
0.58	FINAL	37.75	---	56.00	-18.25	N	GND
0.58	FINAL	---	22.88	46.00	-23.12	N	GND
1.24	FINAL	---	18.78	46.00	-27.22	N	GND
1.25	FINAL	32.99	---	56.00	-23.01	N	GND
5.04	FINAL	---	21.39	50.00	-28.61	N	GND
5.04	FINAL	35.85	---	60.00	-24.15	N	GND
29.23	FINAL	16.50	---	60.00	-43.50	N	GND
29.36	FINAL	---	10.25	50.00	-39.75	N	GND

Table 7-178. AC Line Conducted Data with 802.11n CDD Diversity – Ch.40 (N), with AC/DC adapter

FCC ID: BCGA3269 IC: 579C-A3269	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 267 of 270


V 10.6 10/27/2023



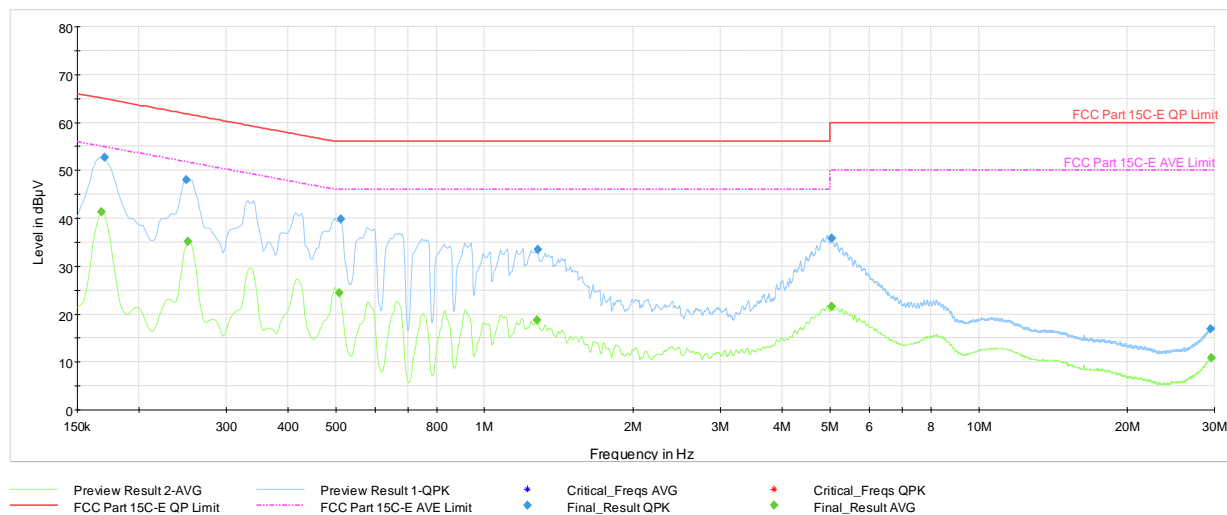
Plot 7-526. AC Line Conducted Plot with 802.11ax(SU) CDD Diversity – Ch.40 (L1), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.17	FINAL	---	39.39	55.06	-15.67	L1	GND
0.17	FINAL	50.94	---	64.95	-14.01	L1	GND
0.25	FINAL	46.83	---	61.79	-14.96	L1	GND
0.25	FINAL	---	33.68	51.72	-18.04	L1	GND
0.51	FINAL	---	23.46	46.00	-22.54	L1	GND
0.52	FINAL	39.12	---	56.00	-16.88	L1	GND
1.28	FINAL	---	17.72	46.00	-28.28	L1	GND
1.28	FINAL	32.79	---	56.00	-23.21	L1	GND
5.04	FINAL	33.81	---	60.00	-26.19	L1	GND
5.04	FINAL	---	19.07	50.00	-30.93	L1	GND
16.32	FINAL	---	9.91	50.00	-40.09	L1	GND
16.32	FINAL	15.60	---	60.00	-44.40	L1	GND

Table 7-179. AC Line Conducted Data with 802.11ax(SU) CDD Diversity – Ch.40 (L1) with AC/DC adapter

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 268 of 270

V 10.6 10/27/2023



Plot 7-527. AC Line Conducted Plot with 802.11ax(SU) CDD Diversity – Ch.40 (N), with AC/DC adapter

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.17	FINAL	---	41.32	55.06	-13.74	N	GND
0.17	FINAL	52.69	---	64.95	-12.26	N	GND
0.25	FINAL	48.10	---	61.79	-13.69	N	GND
0.25	FINAL	---	35.19	51.72	-16.53	N	GND
0.51	FINAL	---	24.39	46.00	-21.61	N	GND
0.51	FINAL	39.78	---	56.00	-16.22	N	GND
1.28	FINAL	---	18.72	46.00	-27.28	N	GND
1.28	FINAL	33.50	---	56.00	-22.50	N	GND
5.04	FINAL	---	21.52	50.00	-28.48	N	GND
5.05	FINAL	35.77	---	60.00	-24.23	N	GND
29.46	FINAL	16.92	---	60.00	-43.08	N	GND
29.59	FINAL	---	10.80	50.00	-39.20	N	GND

Table 7-180. AC Line Conducted Data with 802.11ax(SU) CDD Diversity – Ch.40 (N), with AC/DC adapter

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 269 of 270

V 10.6 10/27/2023

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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: BCGA3269** and **IC: 579C-A3269** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-247 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA3269 IC: 579C-A3269		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210075-21-R1.BCG	Test Dates: 10/25/2024 - 1/14/2025	EUT Type: Tablet Device	Page 270 of 270

V 10.6 10/27/2023

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