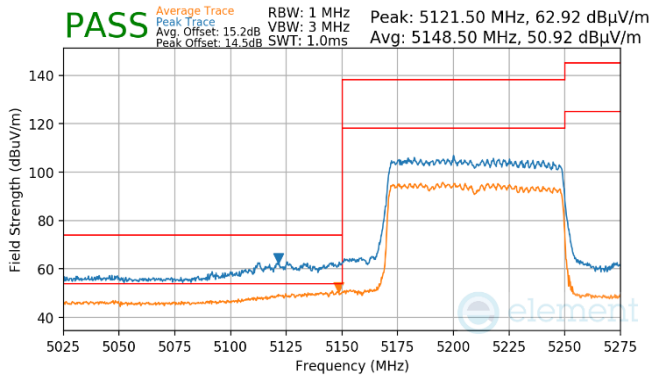
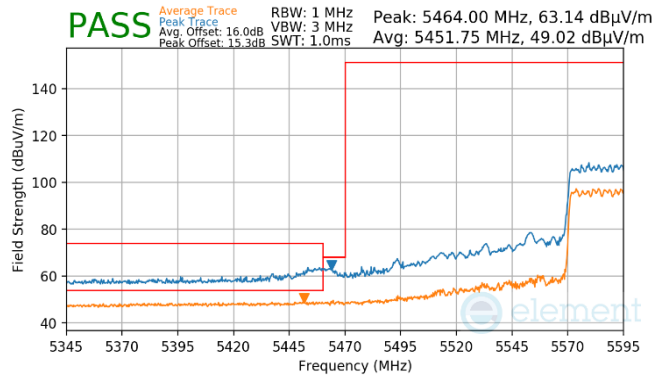


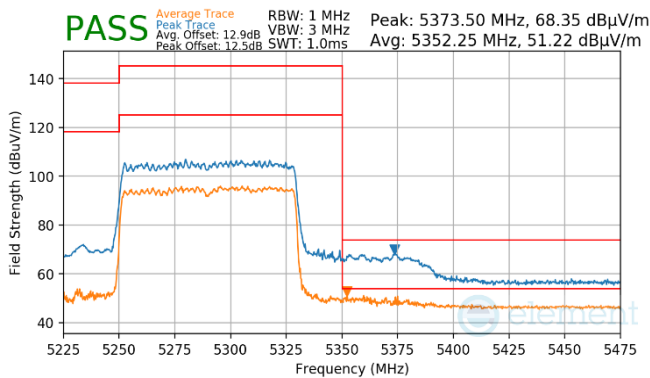
# RU996



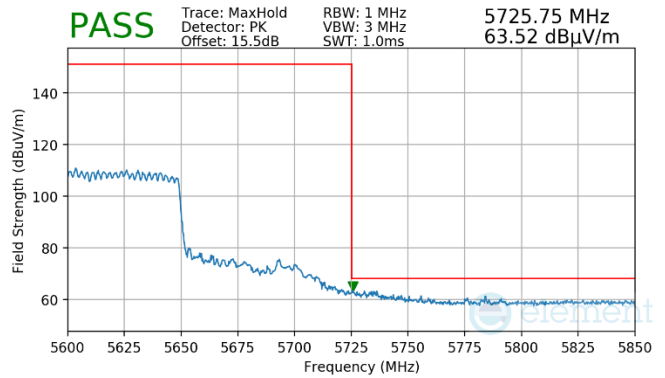
Plot 7-1011. CDD Primary (Pk & Avg, RU996, Index 67, Ch.42, MCS11)



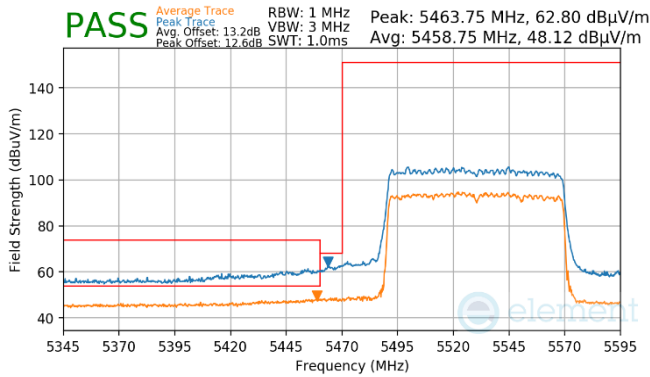
Plot 7-1014. (FCC Only) CDD Primary (Pk & Avg, RU996, Index 67, Ch.122, MCS11)



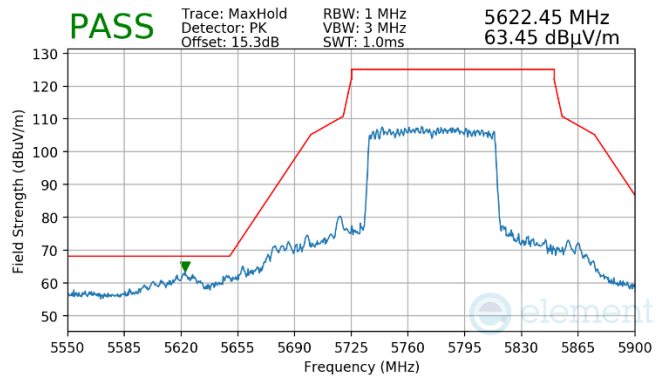
Plot 7-1012. CDD Primary (Pk & Avg, RU996, Index 67, Ch.58, MCS11)



Plot 7-1015. (FCC Only) Primary CDD (Pk, RU996, Index 67, Ch.122, MCS11)

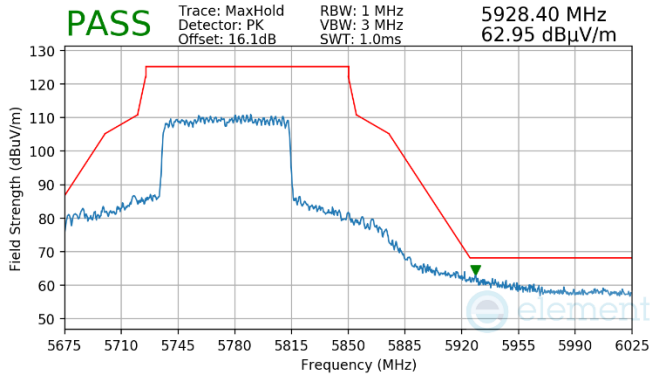


Plot 7-1013. CDD Primary (Pk & Avg, RU996, Index 67, Ch.106, MCS11)



Plot 7-1016. CDD Primary (Pk, RU996, Index 67, Ch.155, MCS11)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 418 of 450



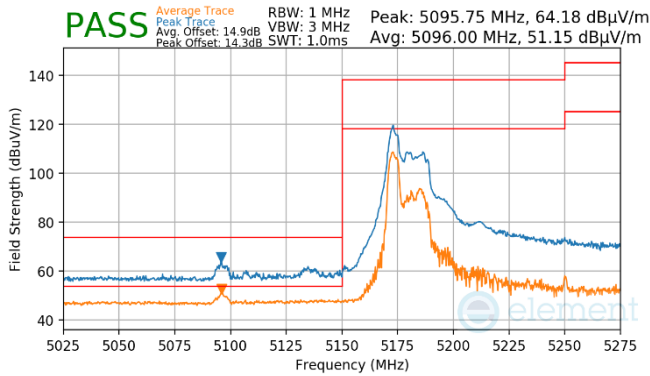
**Plot 7-1017. CDD Primary (PK, RU996, Index 67, Ch.155, MCS11)**

FCC ID: BCGA2926 IC: 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-23-R2.BCG	<b>Test Dates:</b> 1/3/2024 - 3/24/2024	<b>EUT Type:</b> Tablet Device	Page 419 of 450

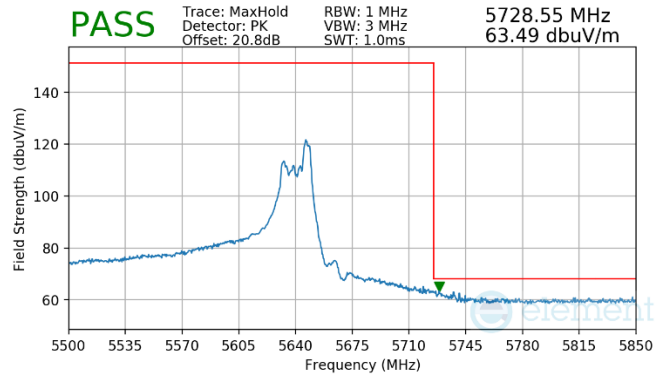
## 7.6.21 CDD Primary Radiated Band Edge Measurements (160MHz BW)

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

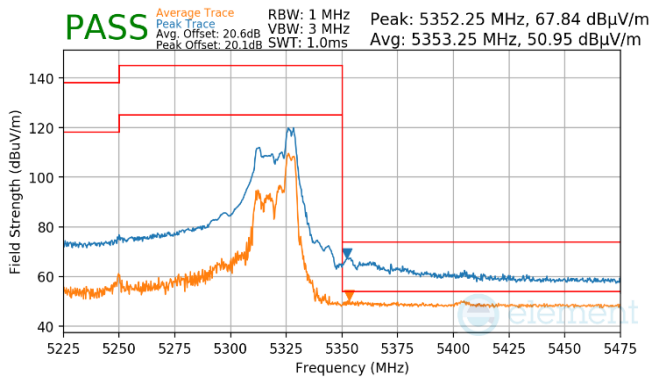
RU52



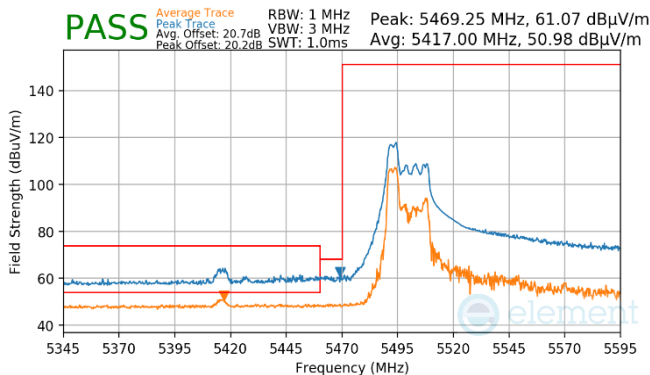
Plot 7-1018. CDD Primary (Pk & Avg, RU52, Index 37, Ch.50 (L), MCS11)



Plot 7-1021. (FCC Only) CDD Primary (Pk, RU52, Index 52, Ch.114 (U), MCS11)



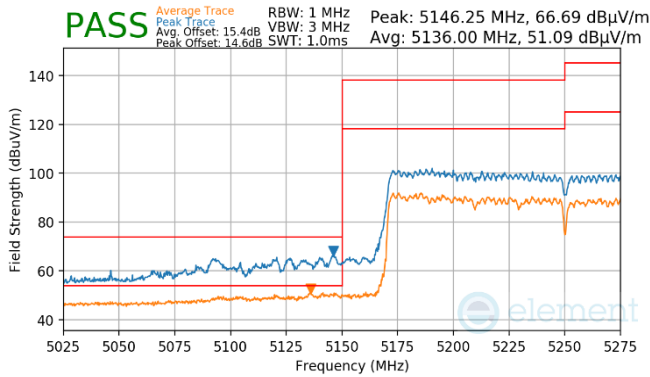
Plot 7-1019. CDD Primary (Pk & Avg, RU52, Index 52, Ch.50 (U), MCS11)



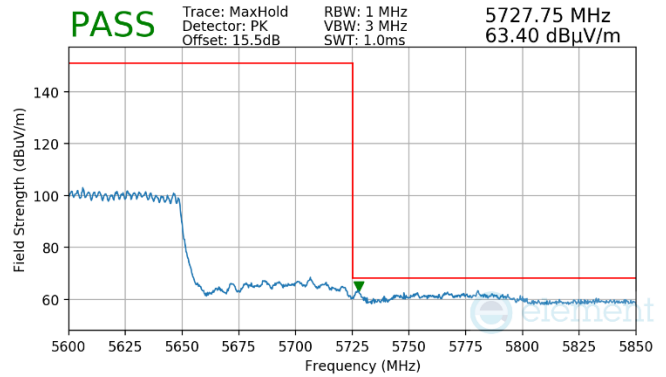
Plot 7-1020. (FCC Only) CDD Primary (Pk & Avg, RU52, Index 37, Ch.114 (L), MCS11)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 420 of 450

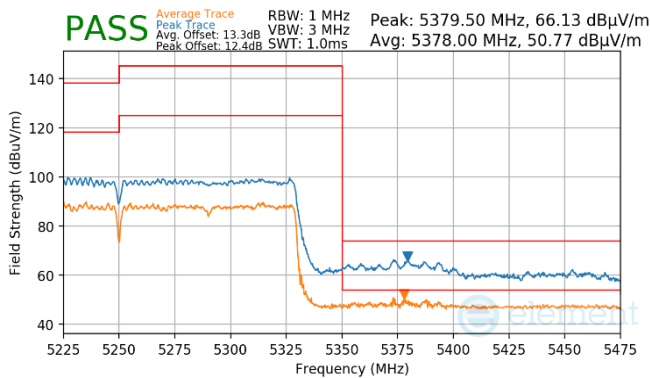
## RU996x2



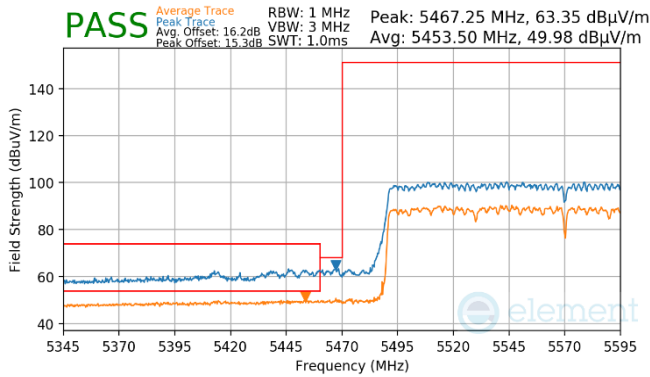
Plot 7-1022. CDD Primary (Pk & Avg, RU996x2, Index 68, Ch.50, MCS11)



Plot 7-1025. (FCC Only) CDD Primary (Pk, RU996x2, Index 68, Ch.114, MCS11)



Plot 7-1023. CDD Primary (Pk & Avg, RU996x2, Index 68, Ch.50, MCS11)



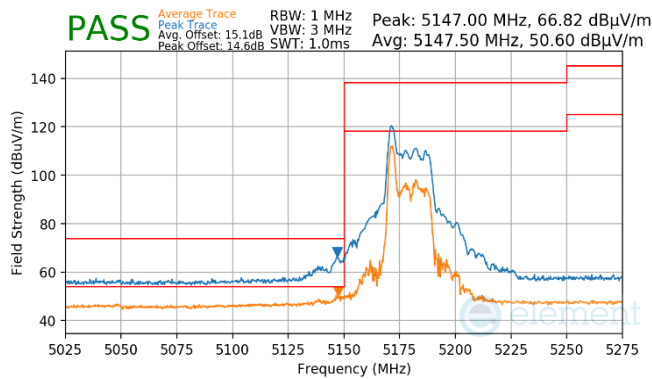
Plot 7-1024. (FCC Only) CDD Primary (Pk & Avg, RU996x2, Index 68, Ch.114, MCS11)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 421 of 450

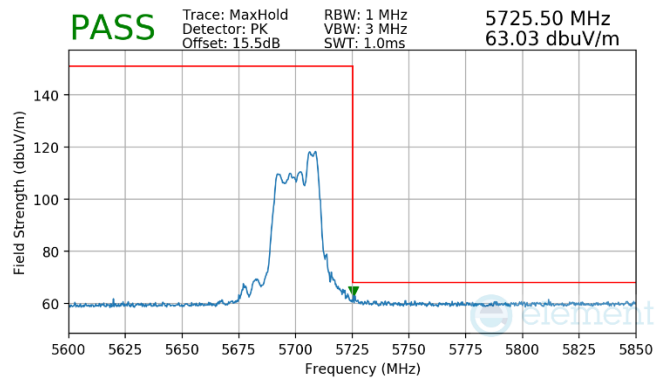
## 7.6.22 CDD Diversity Radiated Band Edge Measurements (20MHz BW)

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

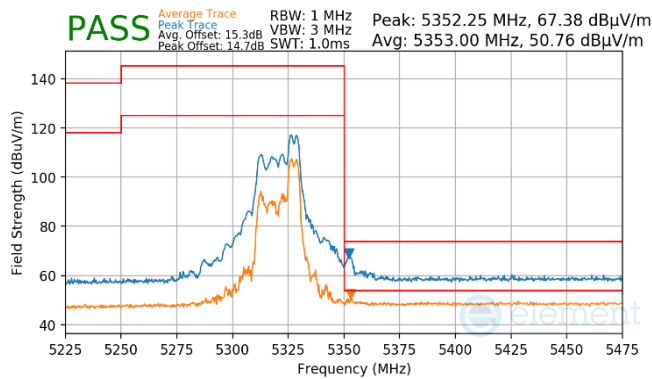
### RU26/RU52



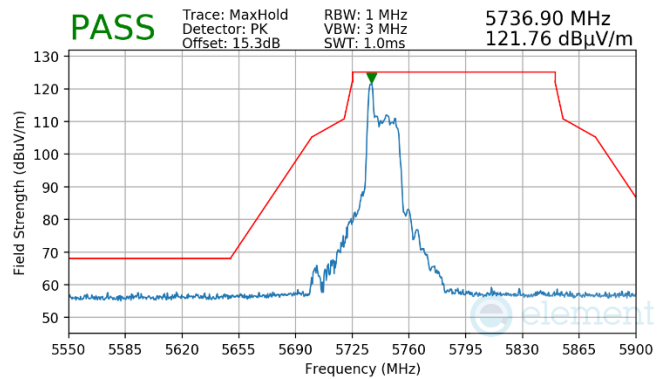
Plot 7-1026. CDD Diversity (Pk & Avg, RU26, Index 0, Ch.36, MCS11)



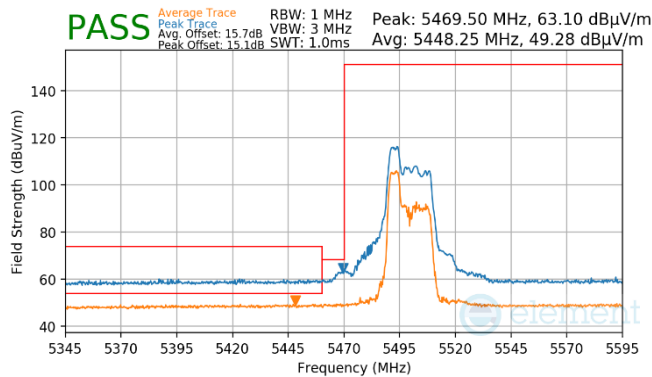
Plot 7-1029. CDD Diversity (Pk, RU52, Index 40, Ch.140, MCS11)



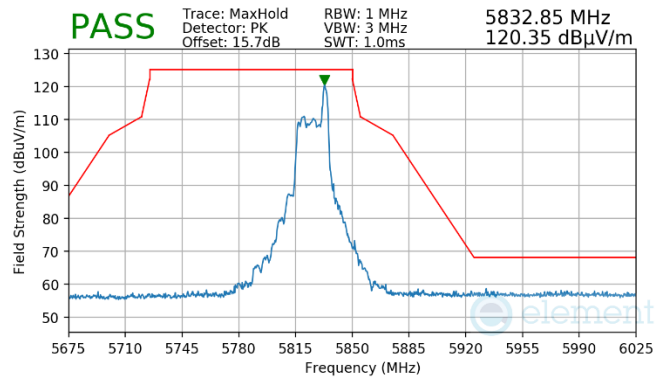
Plot 7-1027. CDD Diversity (Pk & Avg, RU52, Index 40, Ch.64, MCS11)



Plot 7-1030. CDD Diversity (Pk, RU26, Index 0, Ch.149, MCS11)



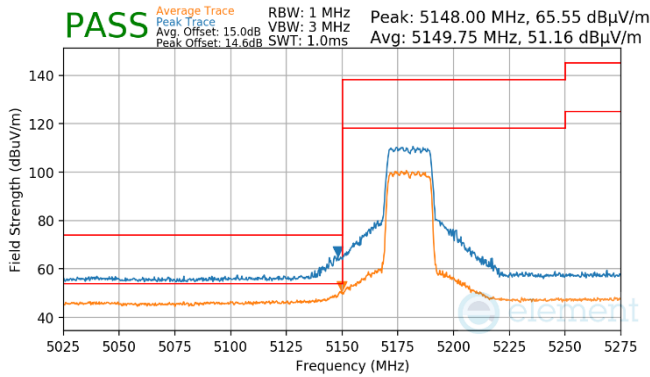
Plot 7-1028. CDD Diversity (Pk & Avg, RU52, Index 37, Ch.100, MCS11)



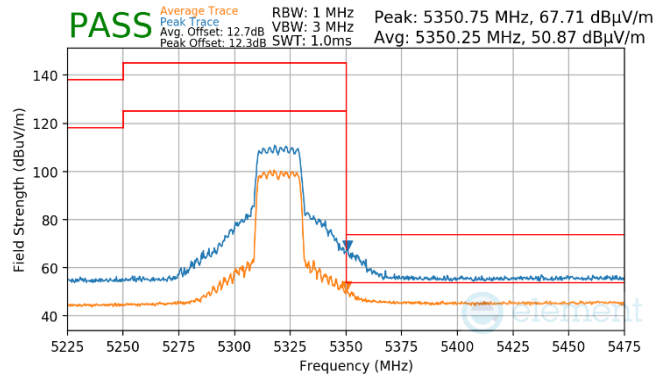
Plot 7-1031. CDD Diversity (Pk, RU26, Index 8, Ch.165, MCS11)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 422 of 450

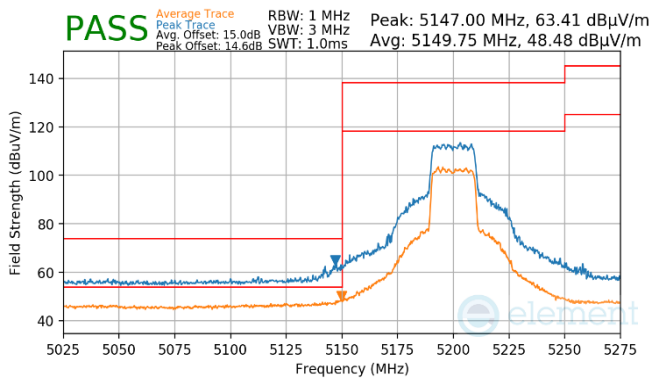
## RU242



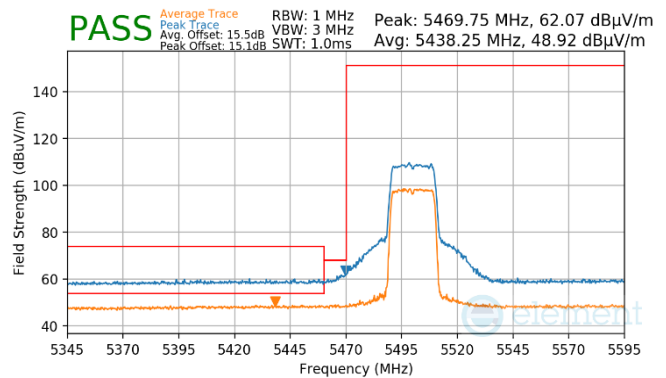
Plot 7-1032. CDD Diversity (Pk & Avg, RU242, Index 61, Ch.36, MCS11)



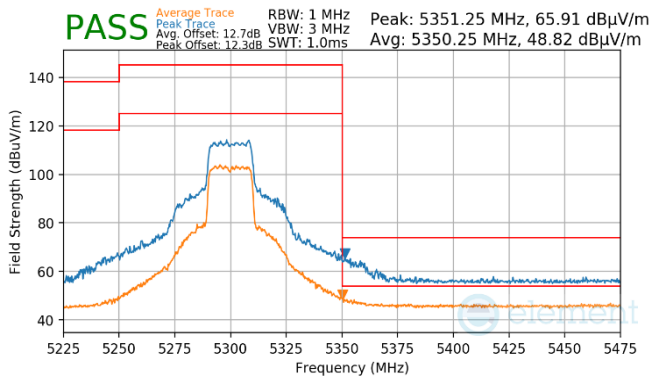
Plot 7-1035. CDD Diversity (Pk & Avg, RU242, Index 61, Ch.64, MCS11)



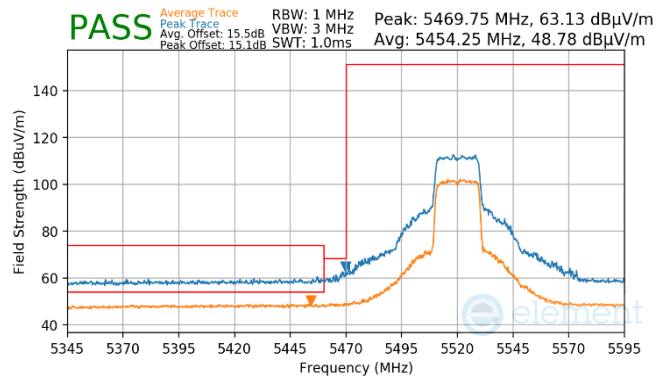
Plot 7-1033. CDD Diversity (Pk & Avg, RU242, Index 61, Ch.40, MCS11)



Plot 7-1036. CDD Diversity (Pk & Avg, RU242, Index 61, Ch.100, MCS11)

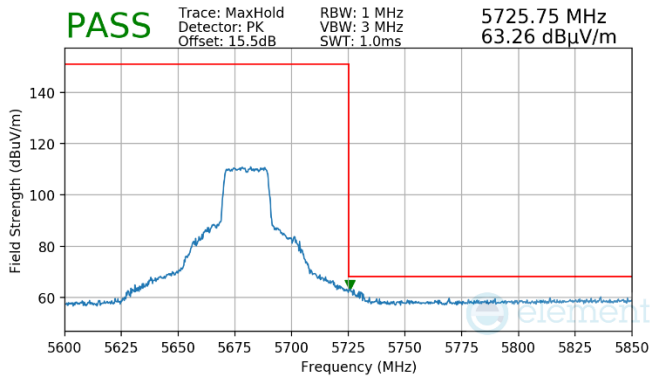


Plot 7-1034. CDD Diversity (Pk & Avg, RU242, Index 61, Ch.60, MCS11)

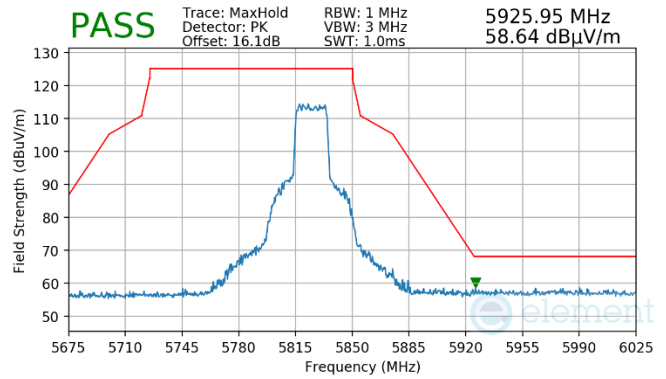


Plot 7-1037. CDD Diversity (Pk & Avg, RU242, Index 61, Ch.104, MCS11)

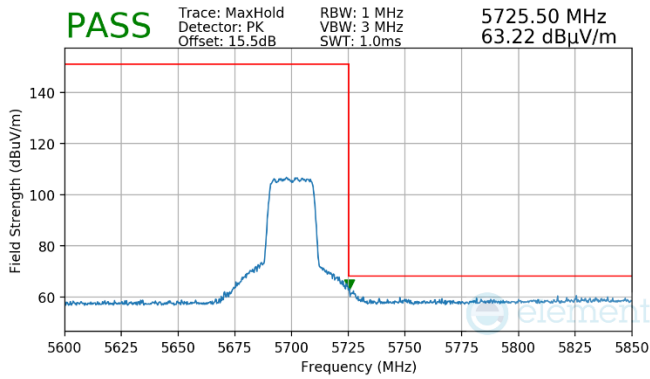
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 423 of 450



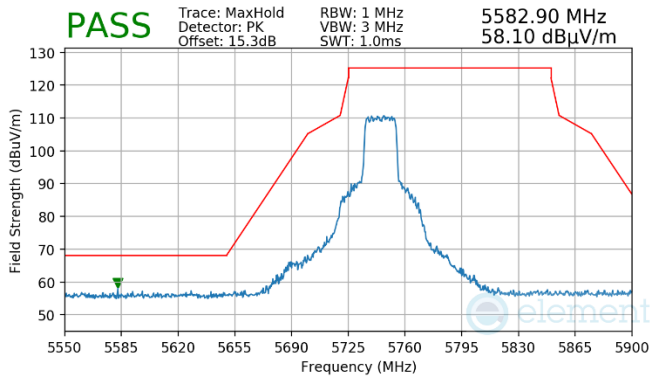
**Plot 7-1038. CDD Diversity (Pk, RU242, Index 61, Ch.136, MCS11)**



**Plot 7-1041. CDD Diversity (Pk, RU242, Index 61, Ch.165, MCS11)**



**Plot 7-1039. CDD Diversity (Pk, RU242, Index 61, Ch.140, MCS11)**



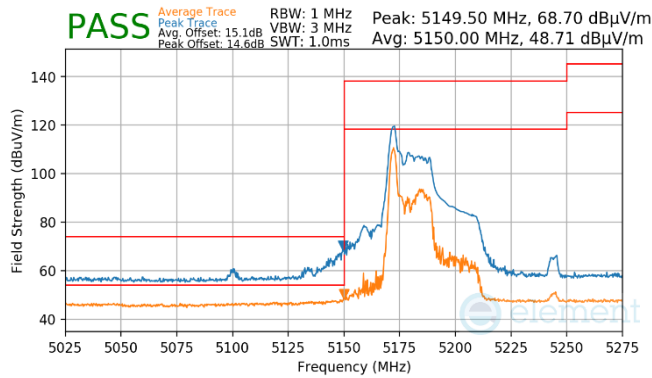
**Plot 7-1040. CDD Diversity (Pk, RU242, Index 61, Ch.149, MCS11)**

<b>FCC ID:</b> BCGA2926 <b>IC:</b> 579C-A2926		<b>MEASUREMENT REPORT</b> <b>(CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-23-R2.BCG	<b>Test Dates:</b> 1/3/2024 - 3/24/2024	<b>EUT Type:</b> Tablet Device	Page 424 of 450

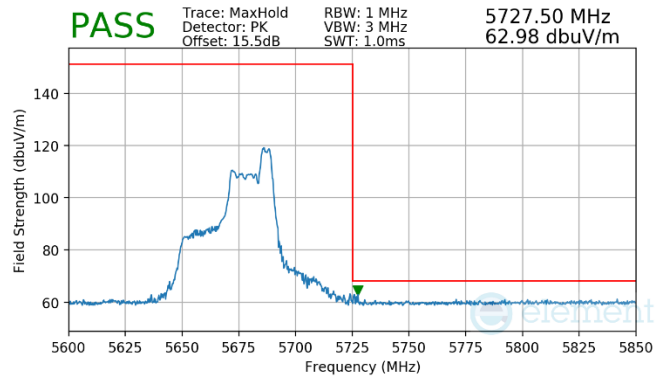


## 7.6.23 CDD Diversity Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

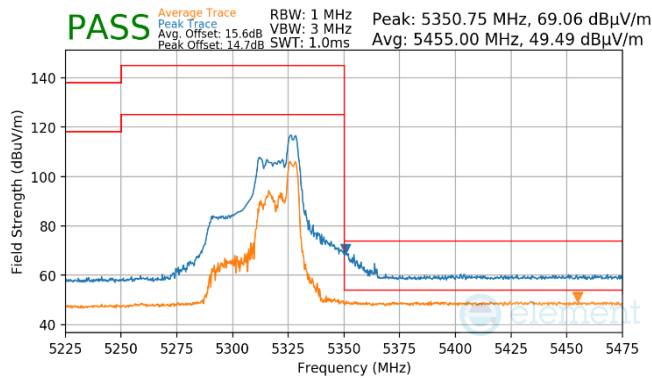
### RU26/RU52



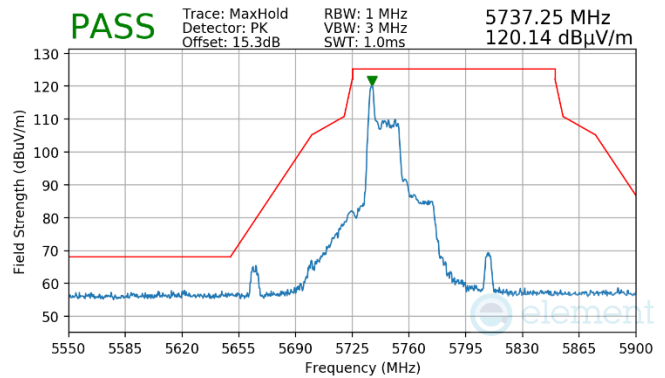
Plot 7-1042. CDD Diversity (Pk & Avg, RU26, Index 0, Ch.38, MCS11)



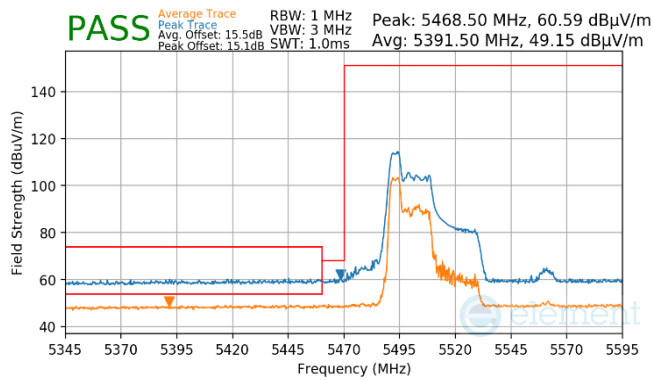
Plot 7-1045. CDD Diversity (Pk, RU52, Index 44, Ch.134, MCS11)



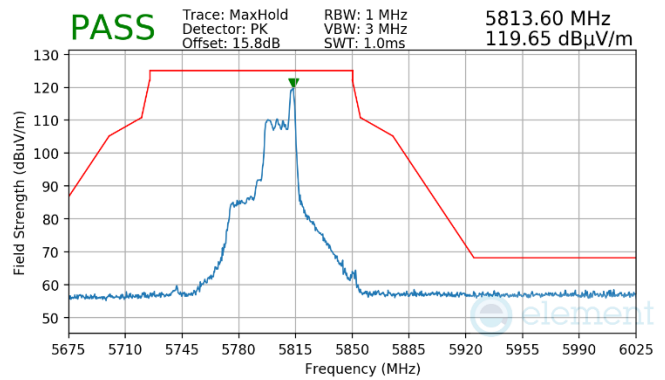
Plot 7-1043. CDD Diversity (Pk & Avg, RU52, Index 44, Ch.62, MCS11)



Plot 7-1046. CDD Diversity (Pk, RU26, Index 0, Ch.151, MCS11)



Plot 7-1044. CDD Diversity (Pk & Avg, RU52, Index 37, Ch.102, MCS11)

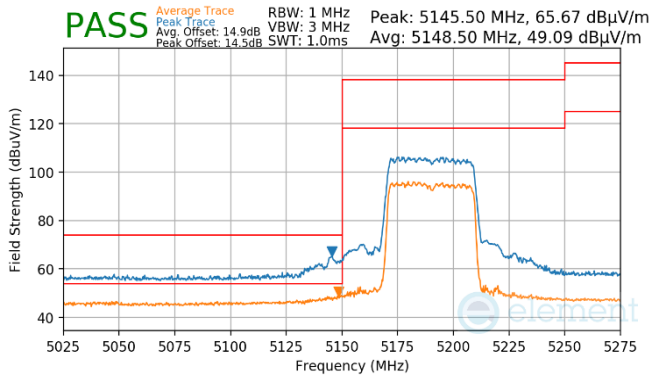


Plot 7-1047. CDD Diversity (Pk, RU26, Index 17, Ch.159, MCS11)

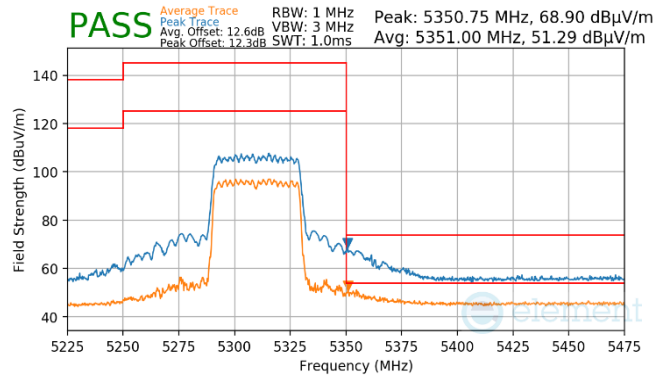
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 425 of 450



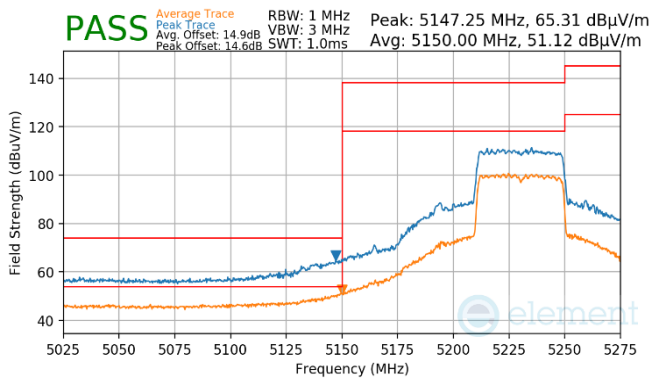
# RU484



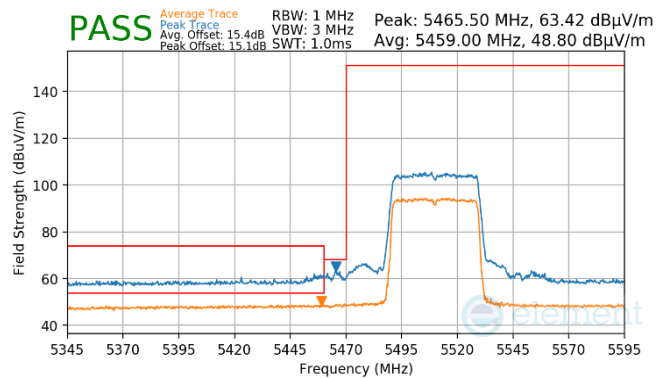
Plot 7-1048. CDD Diversity (Pk & Avg, RU484, Index 65, Ch.38, MCS11)



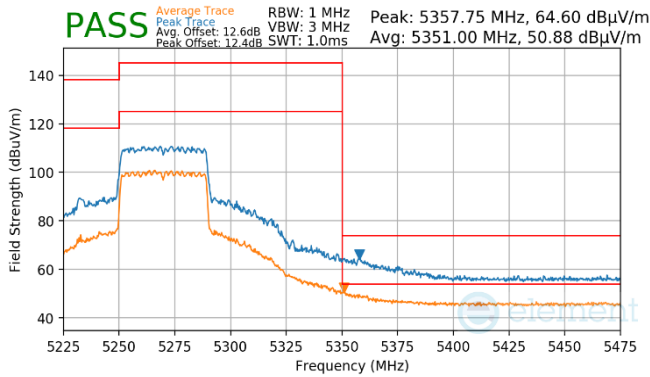
Plot 7-1051. CDD Diversity (Pk & Avg, RU484, Index 65, Ch.62, MCS11)



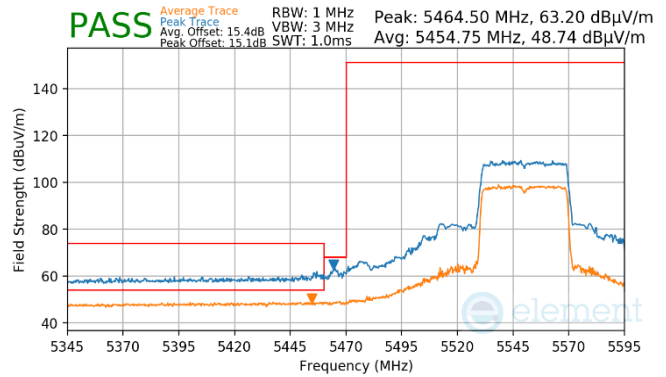
Plot 7-1049. CDD Diversity (Pk & Avg, RU484, Index 65, Ch.46, MCS11)



Plot 7-1052. CDD Diversity (Pk & Avg, RU484, Index 65, Ch.102, MCS11)

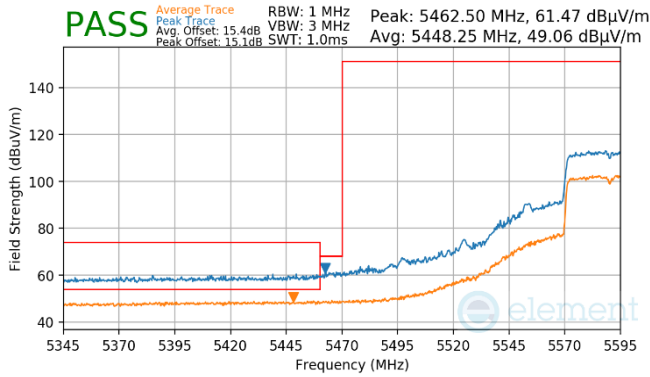


Plot 7-1050. CDD Diversity (Pk & Avg, RU484, Index 65, Ch.54, MCS11)

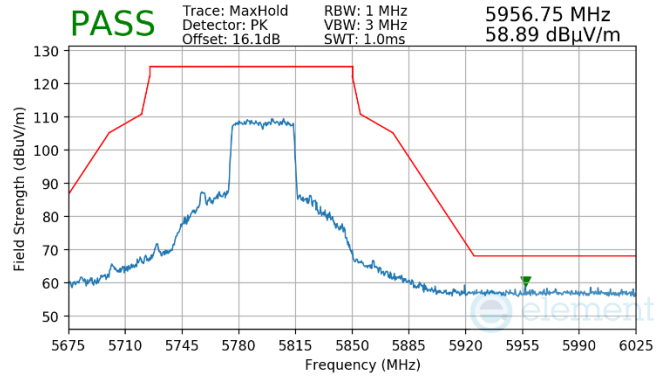


Plot 7-1053. CDD Diversity (Pk & Avg, RU484, Index 65, Ch.110, MCS11)

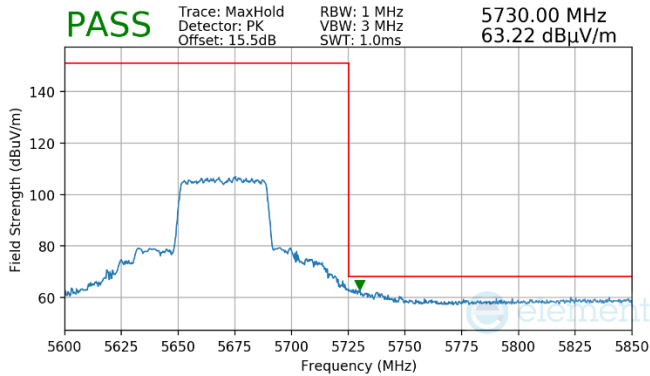
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 426 of 450



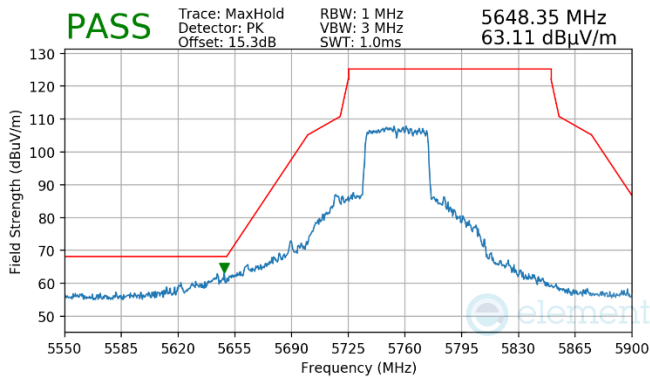
Plot 7-1054. (FCC Only) CDD Diversity (Pk & Avg, RU484, Index 65, Ch.118, MCS11)



Plot 7-1057. CDD Diversity (Pk, RU484, Index 65, Ch.159, MCS11)



Plot 7-1055. CDD Diversity (Pk, RU484, Index 65, Ch.134, MCS11)

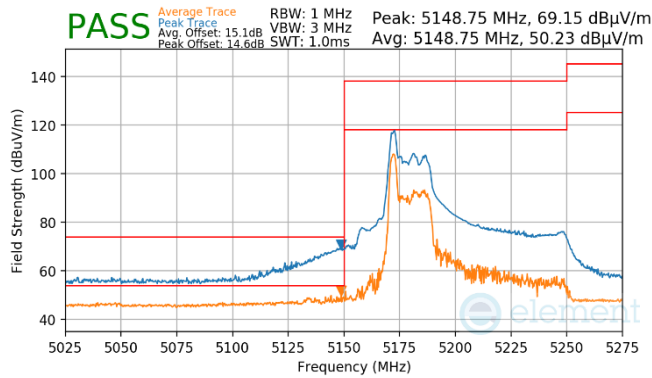


Plot 7-1056. CDD Diversity (Pk, RU484, Index 65, Ch.151, MCS11)

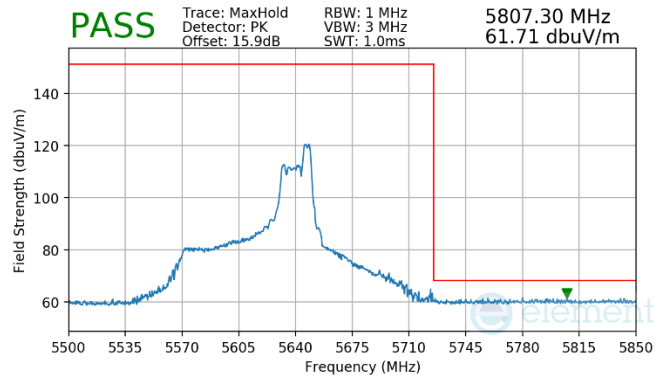
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 427 of 450

## 7.6.24 CDD Diversity Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

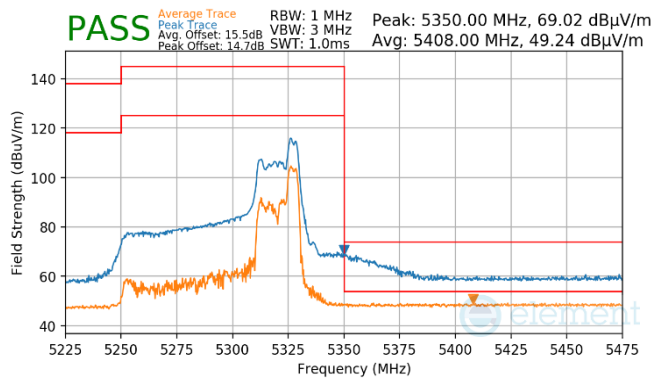
### RU26/RU52



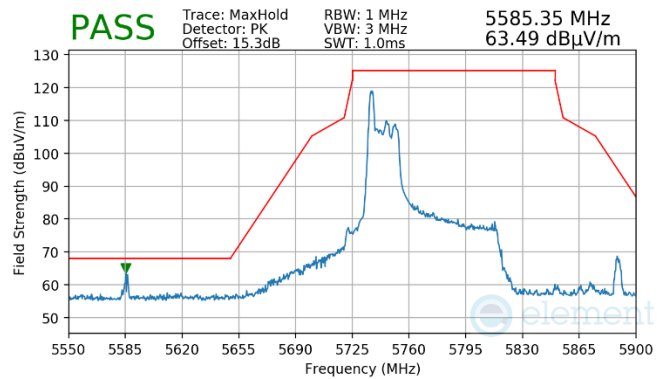
Plot 7-1058. CDD Diversity (Pk & Avg, RU26, Index 0, Ch.42, MCS11)



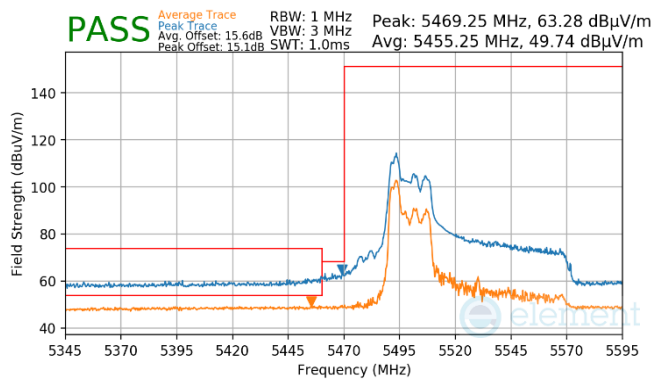
Plot 7-1061. (FCC Only) CDD Diversity (Pk, RU52, Index 52, Ch.122, MCS11)



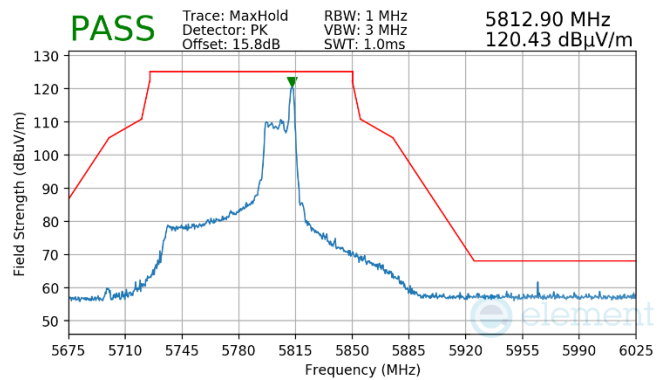
Plot 7-1059. CDD Diversity (Pk & Avg, RU52, Index 52, Ch.58, MCS11)



Plot 7-1062. CDD Diversity (Pk, RU26, Index 0, Ch.155, MCS11)



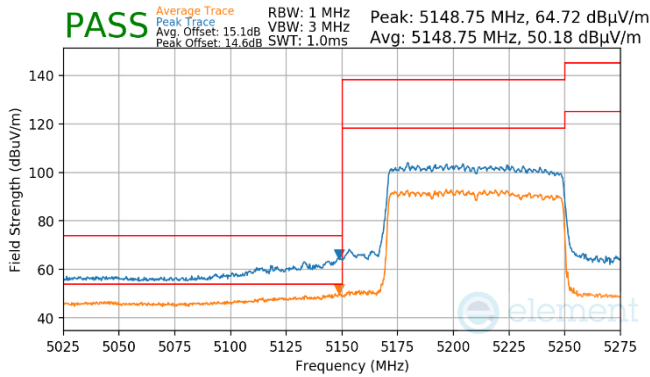
Plot 7-1060. CDD Diversity (Pk & Avg, RU52, Index 37, Ch.106, MCS11)



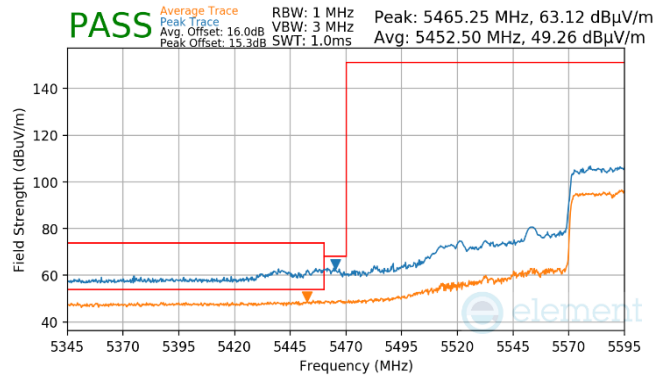
Plot 7-1063. CDD Diversity (Pk, RU26, Index 36, Ch.155, MCS11)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 428 of 450

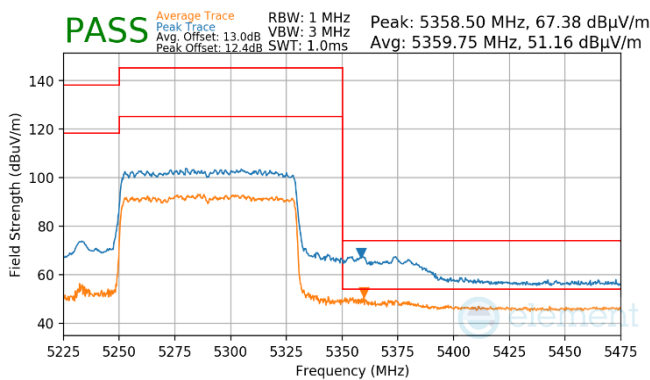
# RU996



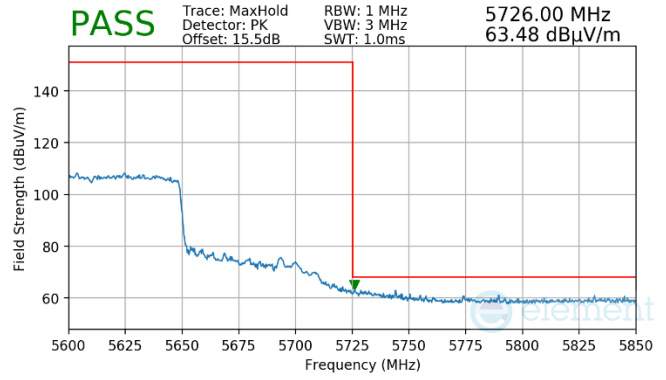
Plot 7-1064. CDD Diversity (Pk & Avg, RU996, Index 67, Ch.42, MCS11)



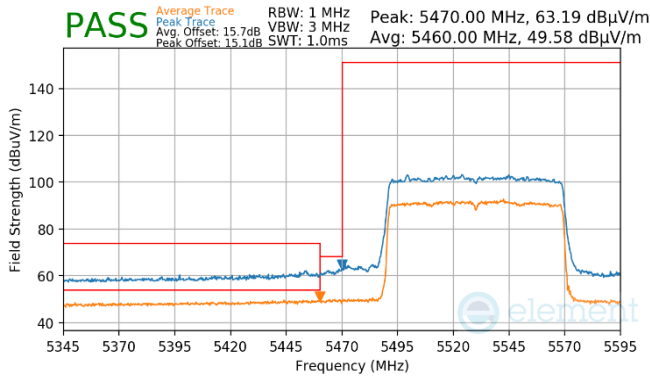
Plot 7-1067. (FCC Only) CDD Diversity (Pk & Avg, RU996, Index 67, Ch.122, MCS11)



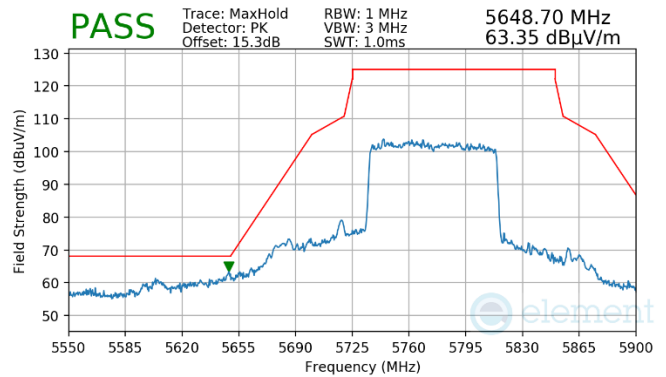
Plot 7-1065. CDD Diversity (Pk & Avg, RU996, Index 67, Ch.58, MCS11)



Plot 7-1068. (FCC Only) Diversity CDD (Pk, RU996, Index 67, Ch.122, MCS11)

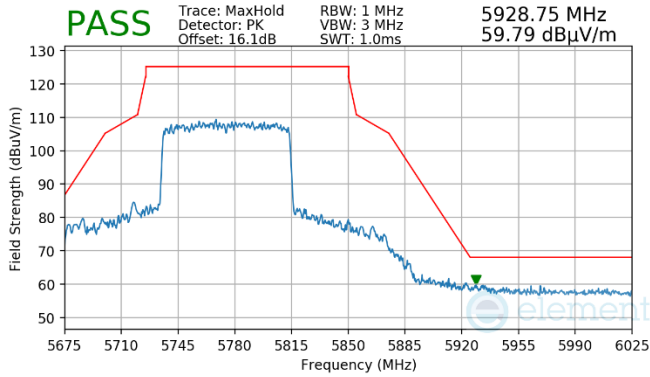


Plot 7-1066. CDD Diversity (Pk & Avg, RU996, Index 67, Ch.106, MCS11)



Plot 7-1069. CDD Diversity (Pk, RU996, Index 67, Ch.155, MCS11)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 429 of 450



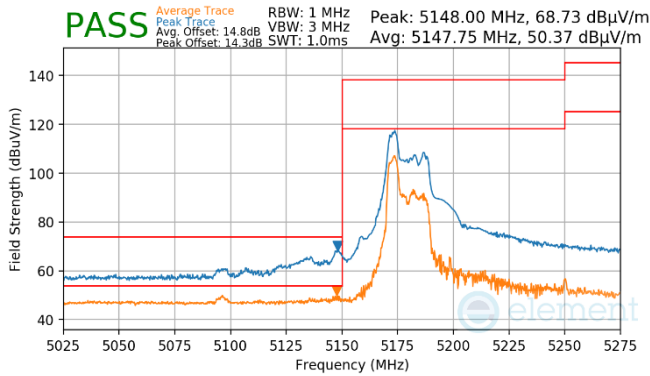
**Plot 7-1070. CDD Diversity (Pk, RU996, Index 67, Ch.155, MCS11)**

FCC ID: BCGA2926 IC: 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-23-R2.BCG	<b>Test Dates:</b> 1/3/2024 - 3/24/2024	<b>EUT Type:</b> Tablet Device	Page 430 of 450

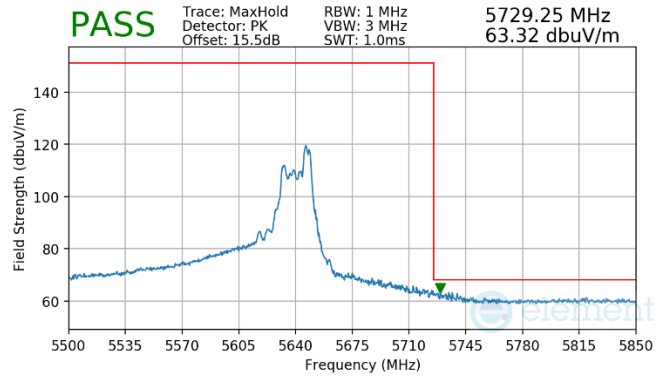
## 7.6.25 CDD Diversity Radiated Band Edge Measurements (160MHz BW)

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

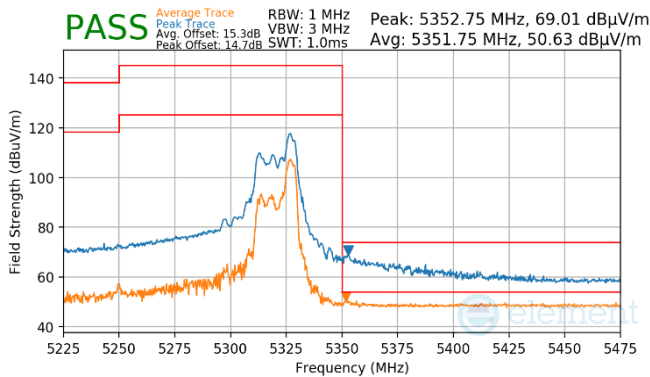
RU52



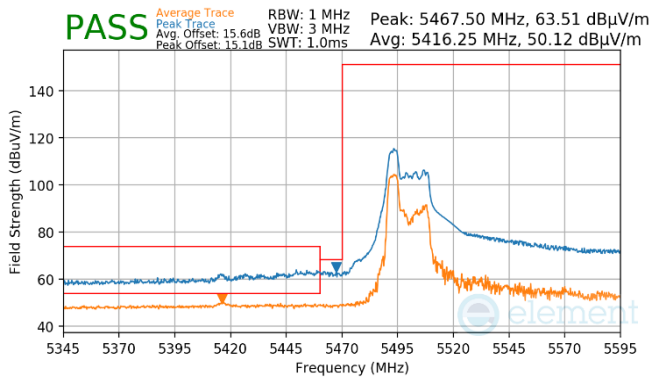
Plot 7-1071. CDD Diversity (Pk & Avg, RU52, Index 37, Ch.50 (L), MCS11)



Plot 7-1074. (FCC Only) CDD Diversity (Pk, RU52, Index 52, Ch.114 (U), MCS11)



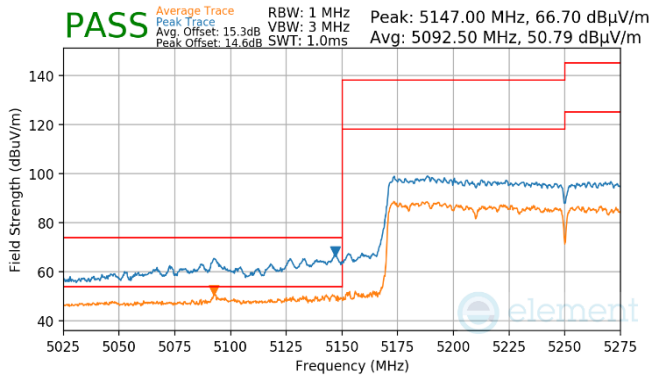
Plot 7-1072. CDD Diversity (Pk & Avg, RU52, Index 52, Ch.50 (U), MCS11)



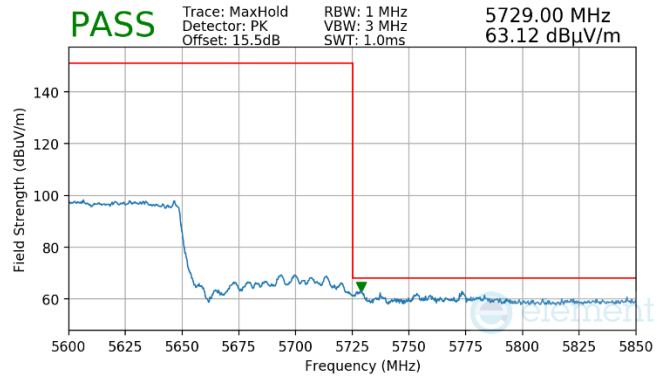
Plot 7-1073. (FCC Only) CDD Diversity (Pk & Avg, RU52, Index 37, Ch.114 (L), MCS11)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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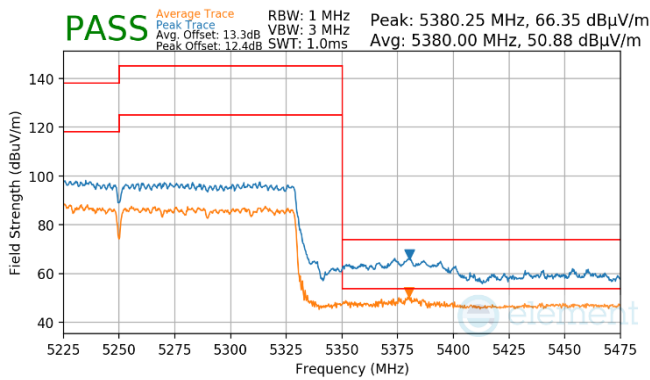
## RU996x2



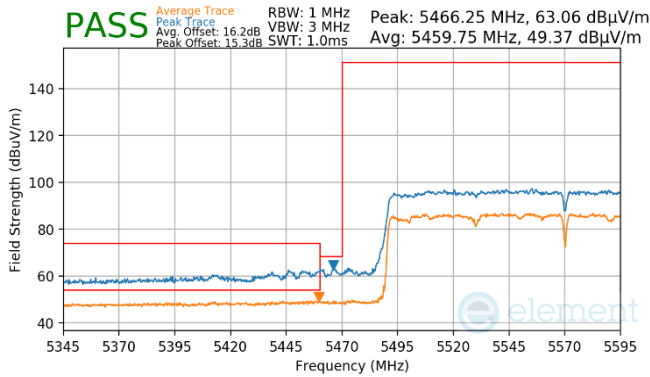
Plot 7-1075. CDD Diversity (Pk & Avg, RU996x2, Index 68, Ch.50, MCS11)



Plot 7-1078. (FCC Only) CDD Diversity (Pk, RU996x2, Index 68, Ch.114, MCS11)



Plot 7-1076. CDD Diversity (Pk & Avg, RU996x2, Index 68, Ch.50, MCS11)



Plot 7-1077. (FCC Only) CDD Diversity (Pk & Avg, RU996x2, Index 68, Ch.114, MCS11)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 432 of 450



## 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 7-323 per Section 15.209 and RSS-Gen (8.9).***

Frequency	Field Strength [ $\mu\text{V/m}$ ]	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 7-323. Radiated Limits**

### Test Procedures Used

ANSI C63.10-2013

### 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

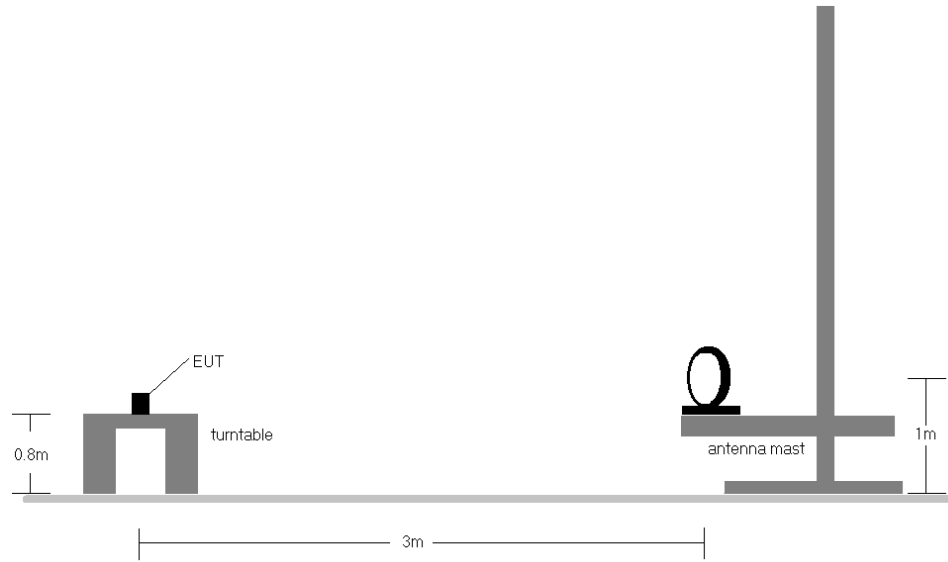
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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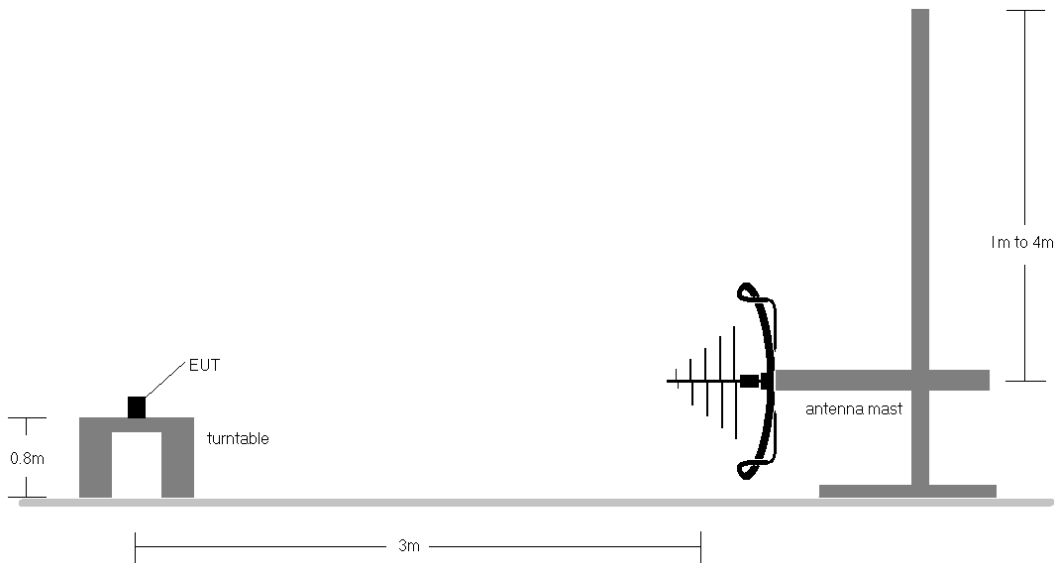
V 10.5 12/15/2021

**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**

<b>FCC ID:</b> BCGA2926 <b>IC:</b> 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-23-R2.BCG	<b>Test Dates:</b> 1/3/2024 - 3/24/2024	<b>EUT Type:</b> Tablet Device	Page 434 of 450

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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 7-323.
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 for emissions 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. All antenna configurations and data rates were investigated and only the worst case are reported.
10. 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

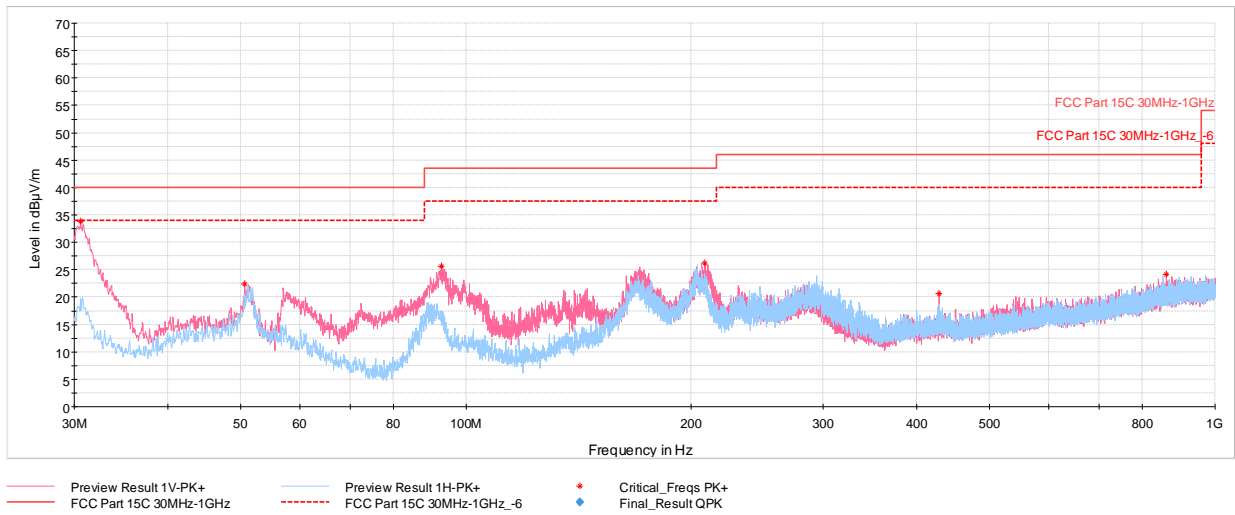
**Sample Calculations**

**Determining Spurious Emissions Levels**

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

<b>FCC ID:</b> BCGA2926 <b>IC:</b> 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-23-R2.BCG	<b>Test Dates:</b> 1/3/2024 - 3/24/2024	<b>EUT Type:</b> Tablet Device	Page 435 of 450

## 7.6.27 CDD Radiated Spurious Emissions (Below 1GHz) §15.209; RSS-Gen [8.9]

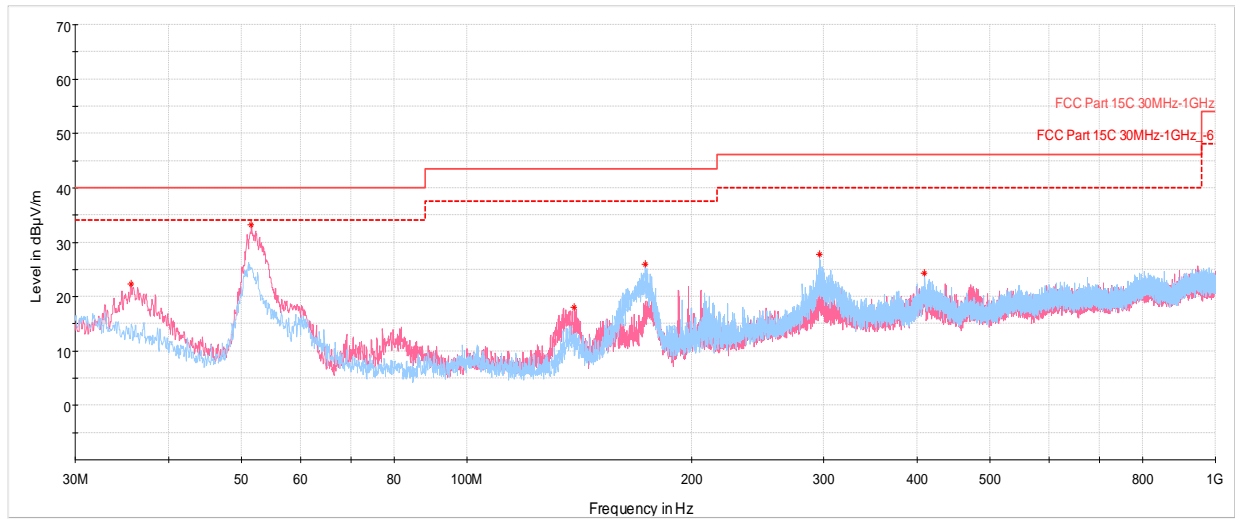


Plot 7-1079. RSE below 1GHz CDD Primary (RU26 – Ch.40), with Laptop

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]
30.63	Max Peak	V	100	339	-57.21	-16.01	33.78	40.00	-6.22
50.71	Max Peak	V	100	96	-71.42	-13.12	22.46	40.00	-17.54
92.86	Max Peak	V	100	147	-63.66	-17.66	25.68	43.52	-17.84
208.14	Max Peak	V	100	96	-63.40	-17.34	26.26	43.52	-17.26
427.85	Max Peak	V	200	223	-75.32	-11.08	20.60	46.02	-25.42
861.14	Max Peak	V	200	103	-79.61	-3.20	24.19	46.02	-21.83

Table 7-324. RSE below 1GHz CDD Primary (RU26 – Ch.40), with Laptop

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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— Preview Result 1V-PK+      - - - Preview Result 1H-PK+      ★ Critical\_Freqs PK+  
— FCC Part 15C 30MHz-1GHz      - - - FCC Part 15C 30MHz-1GHz\_6      ◆ Final\_Result QPK

**Plot 7-1080. RSE below 1GHz CDD Primary (RU242 – Ch.40), with Laptop**

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]
35.63	Max Peak	V	100	146	-65.74	-18.97	22.29	40.00	-17.71
51.58	Max Peak	V	100	146	-50.69	-23.12	33.19	40.00	-6.81
139.32	Max Peak	V	100	113	-67.84	-21.08	18.08	43.52	-25.44
173.12	Max Peak	H	100	141	-60.85	-20.18	25.97	43.52	-17.55
296.17	Max Peak	H	100	135	-64.18	-14.98	27.84	46.02	-18.18
409.08	Max Peak	H	200	130	-71.01	-11.71	24.28	46.02	-21.74

**Table 7-325. RSE below 1GHz CDD Primary (RU242– Ch.40), with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device		Page 437 of 450

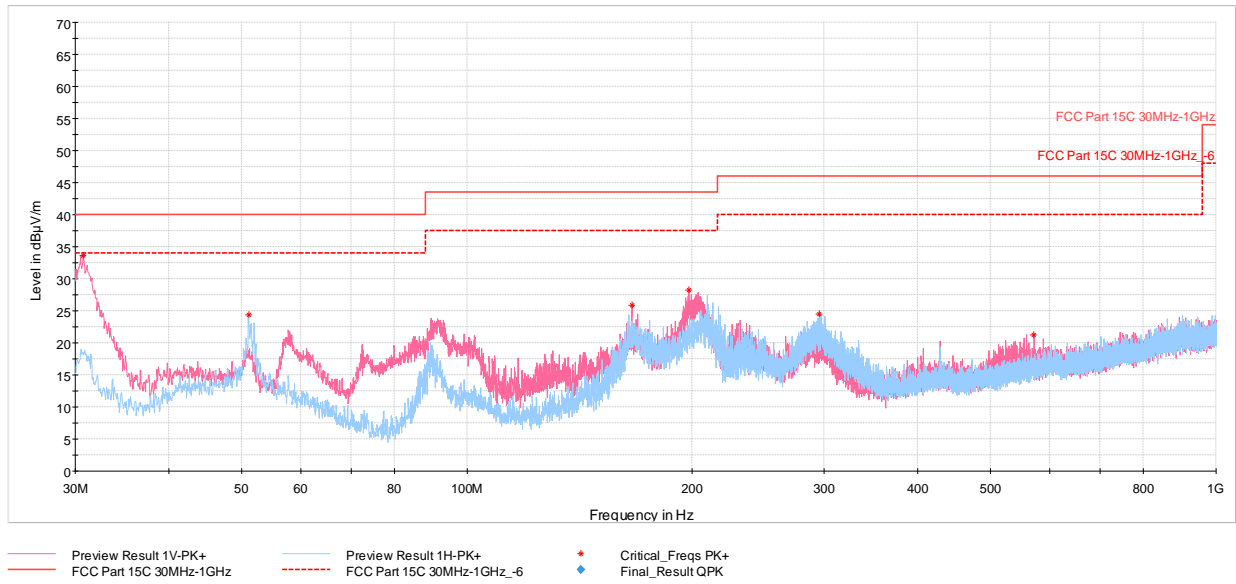


**Plot 7-1081. RSE below 1GHz CDD Diversity (RU26 – Ch.40), with Laptop**

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]
30.58	Max Peak	V	100	6	-57.74	-16.00	33.26	40.00	-6.74
51.34	Max Peak	H	200	185	-70.73	-13.12	23.15	40.00	-16.85
93.92	Max Peak	V	100	223	-65.17	-17.51	24.32	43.52	-19.20
199.07	Max Peak	V	100	94	-61.38	-16.84	28.78	43.52	-14.74
287.34	Max Peak	H	100	238	-67.41	-14.79	24.80	46.02	-21.22
613.26	Max Peak	V	100	94	-76.52	-7.59	22.89	46.02	-23.13

**Table 7-326. RSE below 1GHz CDD Diversity (RU26 – Ch.40), with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-23-R2.BCG	<b>Test Dates:</b> 1/3/2024 - 3/24/2024	<b>EUT Type:</b> Tablet Device	Page 438 of 450



Plot 7-1082. RSE below 1GHz CDD Diversity (RU242 – Ch.40), with Laptop

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]
30.78	Max Peak	V	100	0	-57.32	-16.05	33.63	40.00	-6.37
51.10	Max Peak	H	300	209	-69.44	-13.13	24.43	40.00	-15.57
165.99	Max Peak	V	100	67	-61.74	-19.37	25.89	43.52	-17.63
197.91	Max Peak	V	100	79	-62.19	-16.59	28.22	43.52	-15.30
295.00	Max Peak	H	100	243	-67.91	-14.65	24.44	46.02	-21.58
571.50	Max Peak	V	100	73	-77.15	-8.57	21.28	46.02	-24.74

Table 7-327. RSE below 1GHz CDD Diversity (RU242 – Ch.40), with Laptop

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## 7.8 AC Line Conducted Emissions Measurement

§15.207; 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. All data rates and modes were investigated for AC Line conducted spurious emissions.

**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 $\mu$ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

**Table 7-328. Conducted Limits**

\*Decreases with the logarithm of the frequency.

### Test Procedures Used

ANSI C63.10-2013, Subclause 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

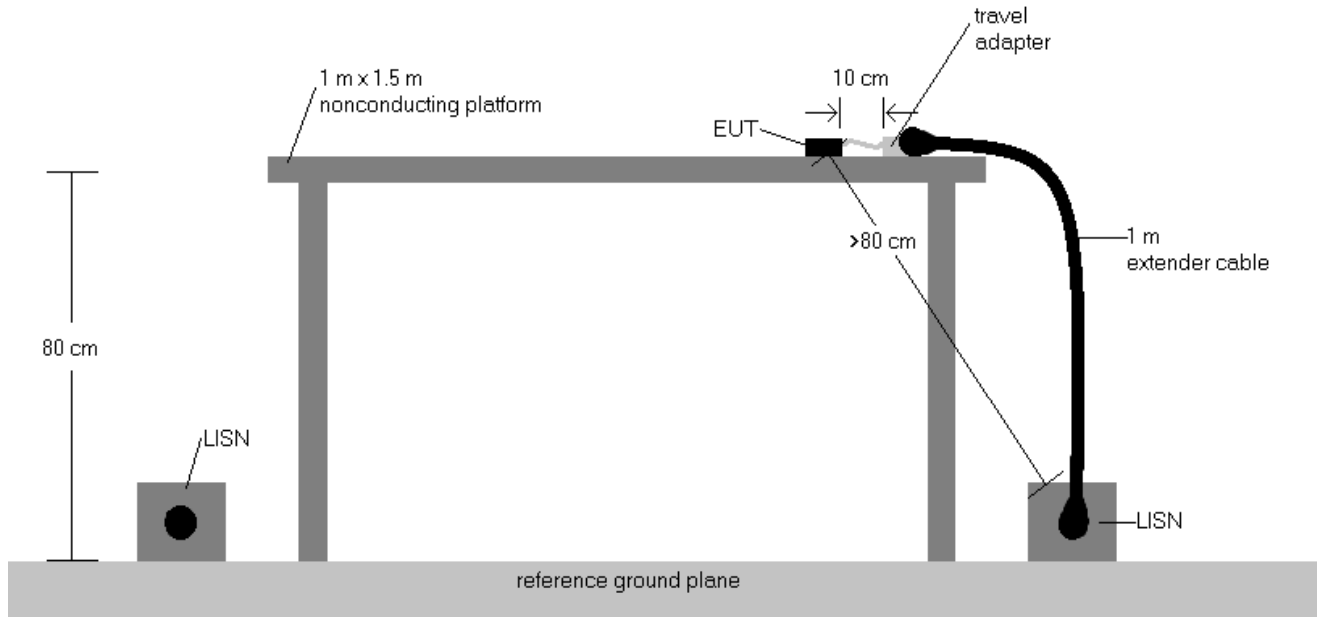
1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: BCGA2926 IC: 579C-A2926		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.



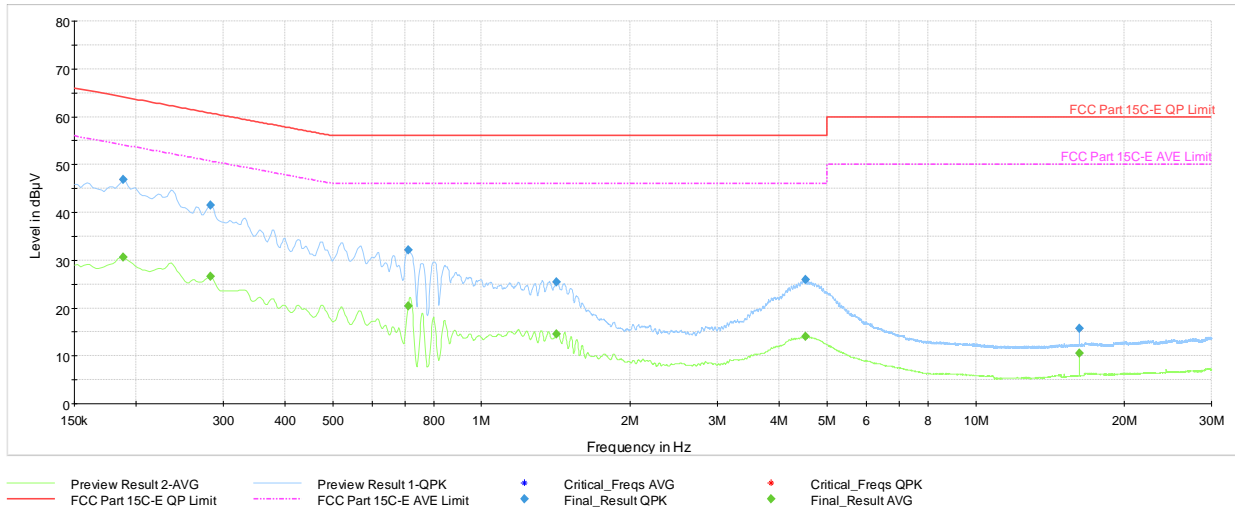
**Figure 7-8. Test Instrument & Measurement Setup**

## 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.

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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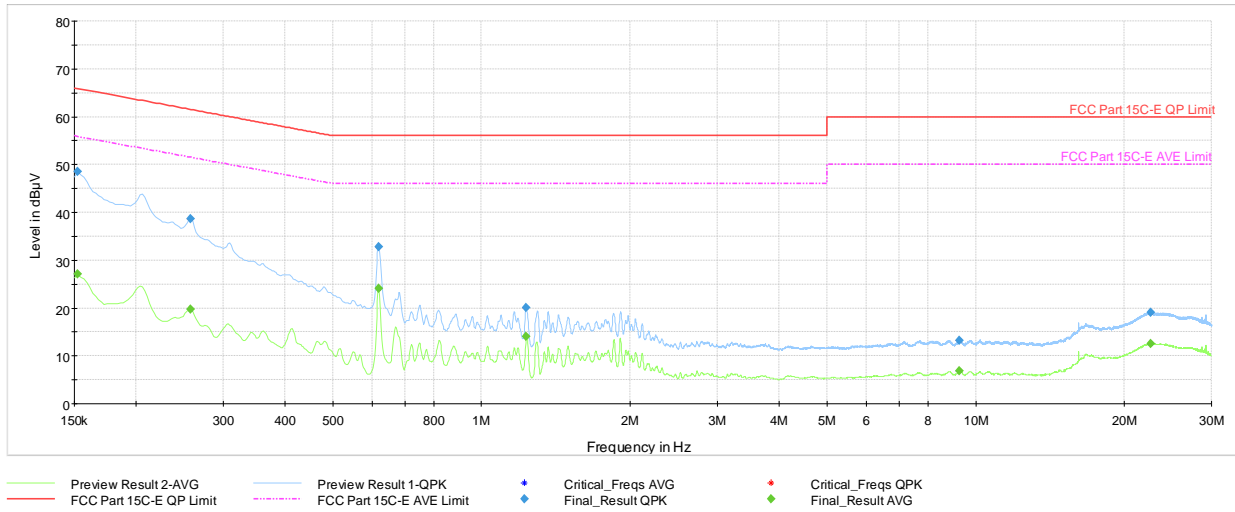


**Plot 7-1083. AC Line Conducted Plot with 11ax UNII Band 1 CDD Primary – RU26 – Ch.40 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.188	FINAL	—	30.62	54.11	-23.49	L1	GND
0.188	FINAL	46.9	—	64.11	-17.19	L1	GND
0.283	FINAL	—	26.66	50.74	-24.07	L1	GND
0.283	FINAL	41.5	—	60.74	-19.23	L1	GND
0.710	FINAL	—	20.48	46.00	-25.52	L1	GND
0.710	FINAL	32.1	—	56.00	-23.92	L1	GND
1.419	FINAL	25.4	—	56.00	-30.56	L1	GND
1.419	FINAL	—	14.55	46.00	-31.45	L1	GND
4.529	FINAL	26.0	—	56.00	-30.05	L1	GND
4.529	FINAL	—	14.14	46.00	-31.86	L1	GND
16.197	FINAL	—	10.60	50.00	-39.40	L1	GND
16.197	FINAL	15.7	—	60.00	-44.31	L1	GND

**Table 7-329. AC Line Conducted with 11ax UNII Band 1 CDD Primary– RU26 – Ch.40 (L1) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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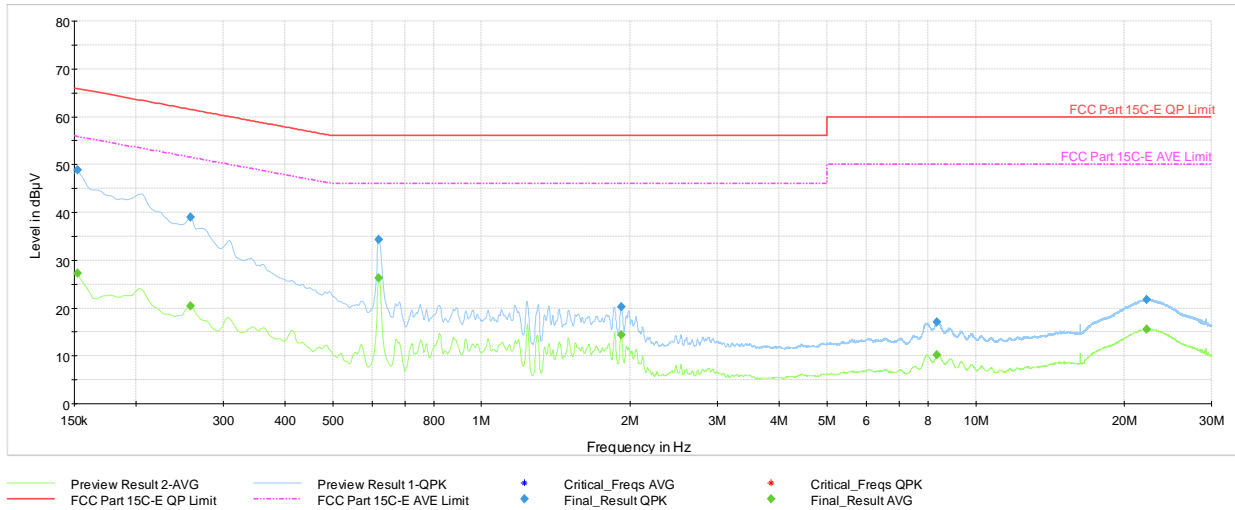


**Plot 7-1084. AC Line Conducted Plot with 11ax UNII Band 1 CDD Primary – RU26 – Ch.40 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.188	FINAL	—	27.10	55.88	-28.78	N	GND
0.188	FINAL	48.5	—	65.88	-17.37	N	GND
0.332	FINAL	—	19.67	51.50	-31.82	N	GND
0.332	FINAL	38.7	—	61.50	-22.76	N	GND
0.713	FINAL	—	24.11	46.00	-21.89	N	GND
0.713	FINAL	32.8	—	56.00	-23.20	N	GND
1.424	FINAL	20.1	—	56.00	-35.95	N	GND
1.424	FINAL	—	13.98	46.00	-32.02	N	GND
4.576	FINAL	13.3	—	60.00	-46.72	N	GND
4.576	FINAL	—	6.81	50.00	-43.19	N	GND
27.434	FINAL	—	12.49	50.00	-37.51	N	GND
27.434	FINAL	19.0	—	60.00	-40.97	N	GND

**Table 7-330. AC Line Conducted with 11ax UNII Band 1 CDD Primary – RU26 – Ch.40 (N) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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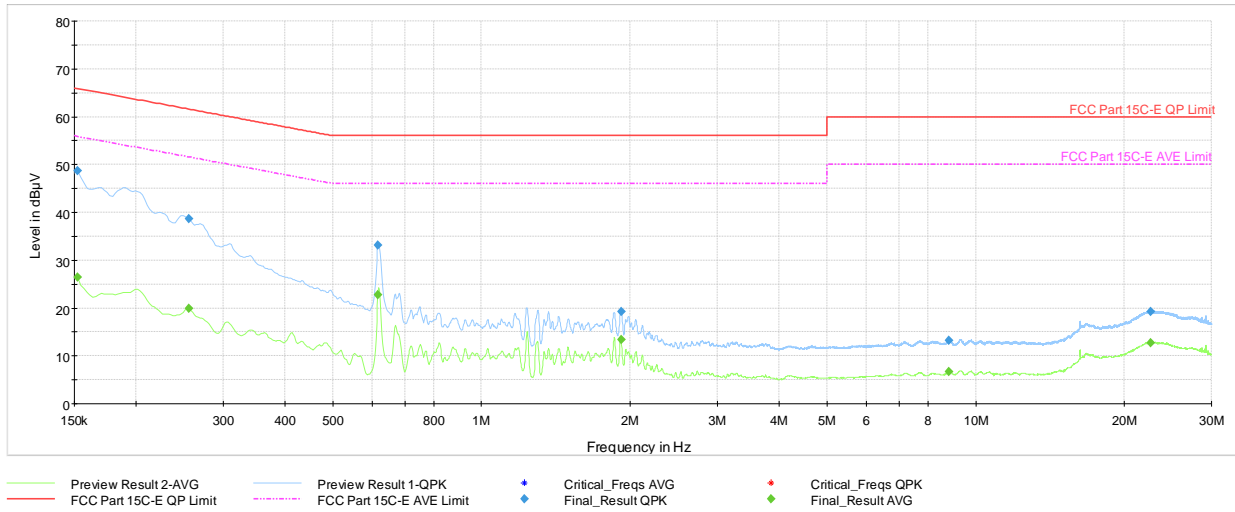


**Plot 7-1085. AC Line Conducted Plot with 11ax UNII Band 1 CDD Primary – RU242 – Ch.40 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.152	FINAL	—	27.24	55.88	-28.64	L1	GND
0.152	FINAL	48.9	—	65.88	-16.96	L1	GND
0.267	FINAL	—	20.38	51.50	-31.12	L1	GND
0.267	FINAL	39.0	—	61.50	-22.50	L1	GND
0.708	FINAL	—	26.34	46.00	-19.66	L1	GND
0.708	FINAL	34.4	—	56.00	-21.65	L1	GND
1.417	FINAL	20.3	—	56.00	-35.68	L1	GND
1.417	FINAL	—	14.40	46.00	-31.60	L1	GND
4.517	FINAL	17.1	—	60.00	-42.95	L1	GND
4.517	FINAL	—	10.26	50.00	-39.74	L1	GND
16.258	FINAL	—	15.50	50.00	-34.50	L1	GND
16.258	FINAL	21.8	—	60.00	-38.21	L1	GND

**Table 7-331. AC Line Conducted with 11ax UNII Band 1 CDD Primary – RU242 – Ch.40 (L1) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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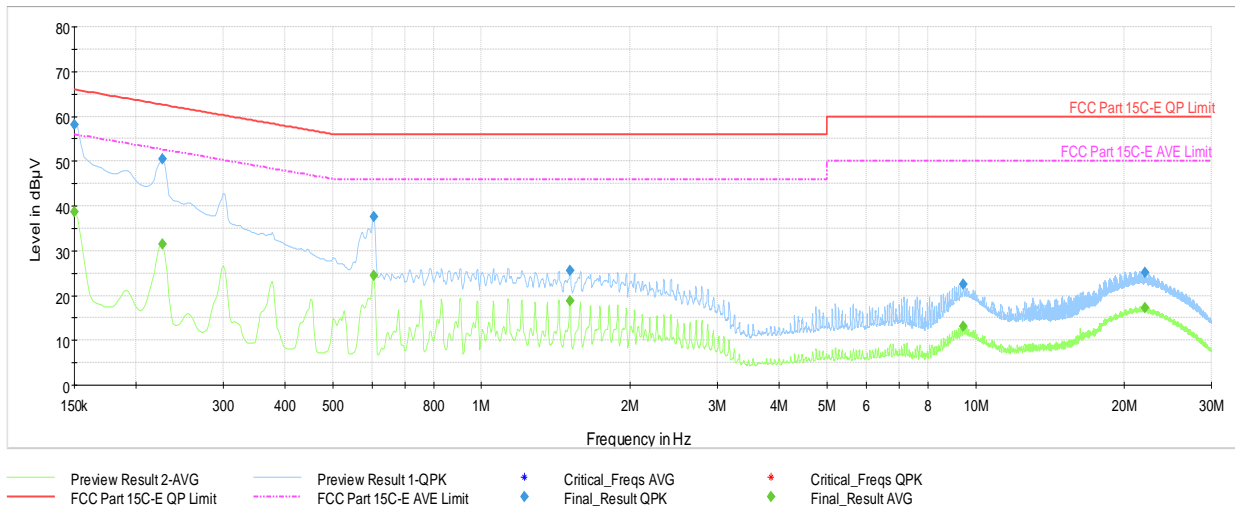


**Plot 7-1086. AC Line Conducted Plot with 11ax UNII Band 1 CDD Primary – RU242 – Ch.40 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.177	FINAL	—	26.36	55.88	-29.52	N	GND
0.177	FINAL	48.7	—	65.88	-17.18	N	GND
0.380	FINAL	—	19.93	51.57	-31.64	N	GND
0.380	FINAL	38.6	—	61.57	-22.98	N	GND
0.715	FINAL	—	22.82	46.00	-23.18	N	GND
0.715	FINAL	33.1	—	56.00	-22.89	N	GND
1.424	FINAL	19.2	—	56.00	-36.79	N	GND
1.424	FINAL	—	13.39	46.00	-32.61	N	GND
4.472	FINAL	13.2	—	60.00	-46.81	N	GND
4.472	FINAL	—	6.65	50.00	-43.35	N	GND
27.294	FINAL	—	12.72	50.00	-37.28	N	GND
27.294	FINAL	19.3	—	60.00	-40.68	N	GND

**Table 7-332. AC Line Conducted with 11ax UNII Band 1 CDD Primary – RU242 – Ch.40 (N) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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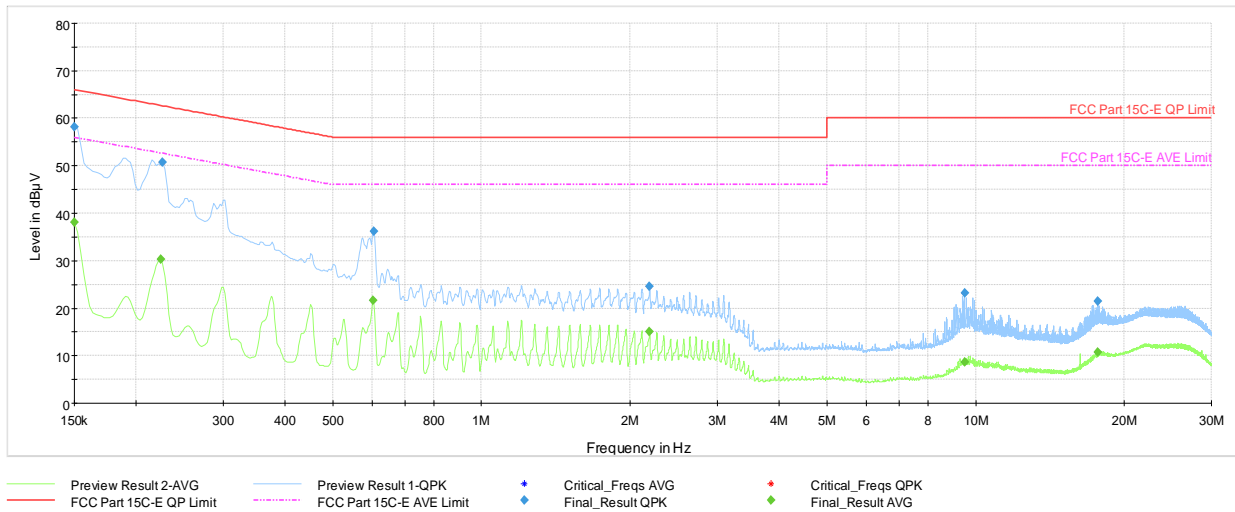
**Plot 7-1087. AC Line Conducted Plot with 11ax UNII Band 1 CDD Diversity – RU26 – Ch.40 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.152	FINAL	—	38.72	56.00	-17.28	L1	GND
0.152	FINAL	58.0	—	66.00	-7.96	L1	GND
0.204	FINAL	—	31.42	52.58	-21.16	L1	GND
0.204	FINAL	50.6	—	62.58	-11.98	L1	GND
0.618	FINAL	—	24.50	46.00	-21.50	L1	GND
0.618	FINAL	37.5	—	56.00	-18.51	L1	GND
1.232	FINAL	—	25.6	56.00	-30.40	L1	GND
1.232	FINAL	—	18.88	46.00	-27.12	L1	GND
8.329	FINAL	—	22.6	60.00	-37.41	L1	GND
8.329	FINAL	—	13.16	50.00	-36.84	L1	GND
22.328	FINAL	—	17.23	50.00	-32.77	L1	GND
22.328	FINAL	25.2	—	60.00	-34.85	L1	GND

**Table 7-333. AC Line Conducted with 11ax UNII Band 1 CDD Diversity– RU26 – Ch.40 (L1) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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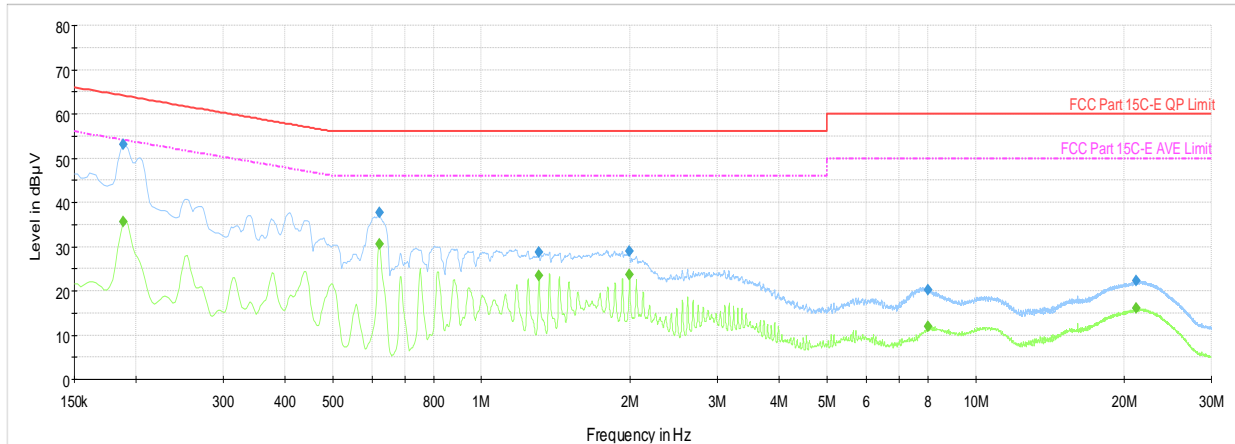


**Plot 7-1088. AC Line Conducted Plot with 11ax UNII Band 1 CDD Diversity – RU26 – Ch.40 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.152	FINAL	—	38.07	56.00	-17.93	N	GND
0.152	FINAL	58.2	—	66.00	-7.76	N	GND
0.258	FINAL	—	30.36	52.66	-22.30	N	GND
0.258	FINAL	50.8	—	62.58	-11.80	N	GND
0.620	FINAL	—	21.62	46.00	-24.38	N	GND
0.620	FINAL	36.2	—	56.00	-19.85	N	GND
1.232	FINAL	24.6	—	56.00	-31.45	N	GND
1.232	FINAL	—	15.09	46.00	-30.91	N	GND
9.276	FINAL	23.2	—	60.00	-36.76	N	GND
9.276	FINAL	—	8.65	50.00	-41.35	N	GND
22.578	FINAL	21.4	—	60.00	-38.61	N	GND
22.578	FINAL	—	10.82	50.00	-39.18	N	GND

**Table 7-334. AC Line Conducted with 11ax UNII Band 1 CDD Diversity – RU26 – Ch.40 (N) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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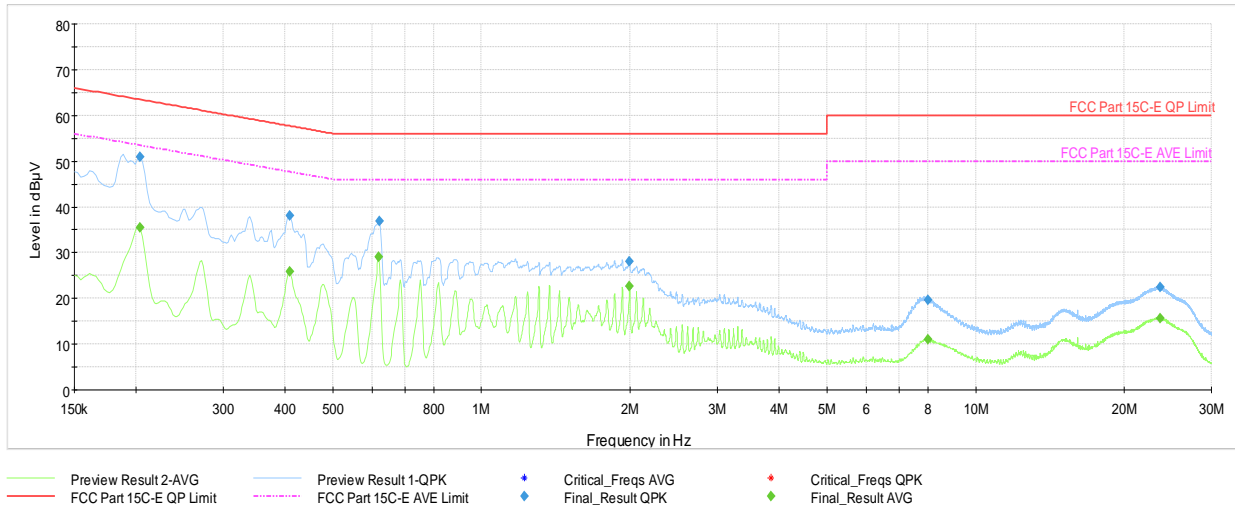
— Preview Result 2-AVG     — Preview Result 1-QPK     ◆ Critical\_Freqs AVG     ◆ Critical\_Freqs QPK  
— FCC Part 15C-E QP Limit     — FCC Part 15C-E AVE Limit     ◆ Final\_Result QPK     ◆ Final\_Result AVG

**Plot 7-1089. AC Line Conducted Plot with 11ax UNII Band 1 CDD Diversity – RU242 – Ch.40 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.152	FINAL	—	35.62	54.11	-18.50	L1	GND
0.152	FINAL	53.1	—	64.11	-10.98	L1	GND
0.258	FINAL	—	30.55	46.00	-15.45	L1	GND
0.258	FINAL	37.7	—	56.00	-18.29	L1	GND
0.620	FINAL	—	23.50	46.00	-22.50	L1	GND
0.620	FINAL	28.9	—	56.00	-27.15	L1	GND
1.919	FINAL	29.0	—	56.00	-26.99	L1	GND
1.919	FINAL	—	23.66	46.00	-22.34	L1	GND
8.354	FINAL	20.3	—	60.00	-39.67	L1	GND
8.354	FINAL	—	11.86	50.00	-38.14	L1	GND
22.191	FINAL	22.2	—	60.00	-37.81	L1	GND
22.191	FINAL	—	16.03	50.00	-33.98	L1	GND

**Table 7-335. AC Line Conducted with 11ax UNII Band 1 CDD Diversity – RU242 – Ch.40 (L1) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-1090. AC Line Conducted Plot with 11ax UNII Band 1 CDD Diversity – RU242 – Ch.40 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.152	FINAL	—	35.45	53.45	-18.00	N	GND
0.152	FINAL	50.9	—	63.45	-12.53	N	GND
0.256	FINAL	—	25.95	47.67	-21.72	N	GND
0.256	FINAL	38.1	—	57.67	-19.58	N	GND
0.618	FINAL	—	29.04	46.00	-16.96	N	GND
0.618	FINAL	36.9	—	56.00	-19.12	N	GND
1.916	FINAL	28.0	—	56.00	-28.01	N	GND
1.916	FINAL	—	22.61	46.00	-23.39	N	GND
8.828	FINAL	19.7	—	60.00	-40.26	N	GND
8.828	FINAL	—	11.08	50.00	-38.92	N	GND
22.576	FINAL	—	15.71	50.00	-34.29	N	GND
22.576	FINAL	22.5	—	60.00	-37.47	N	GND

**Table 7-336. AC Line Conducted with 11ax UNII Band 1 CDD Diversity – RU242 – Ch.40 (N) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		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: BCGA2926** and **IC: 579C-A2926** is in compliance with 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.

<b>FCC ID:</b> BCGA2926 <b>IC:</b> 579C-A2926	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-23-R2.BCG	<b>Test Dates:</b> 1/3/2024 - 3/24/2024	<b>EUT Type:</b> Tablet Device	Page 450 of 450

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