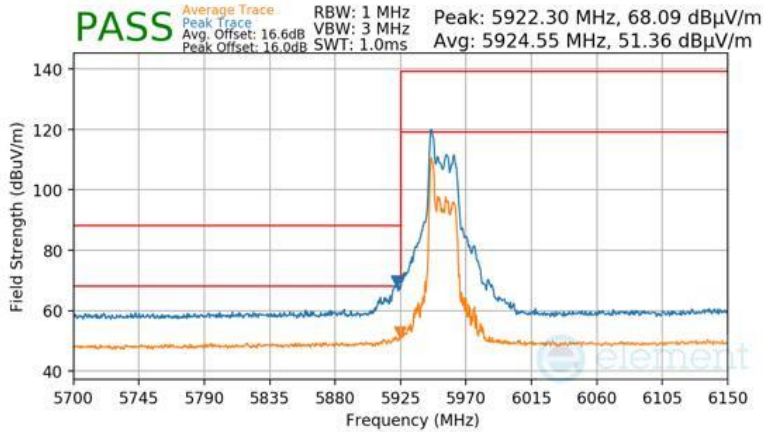


### 7.7.18 SDM Primary Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

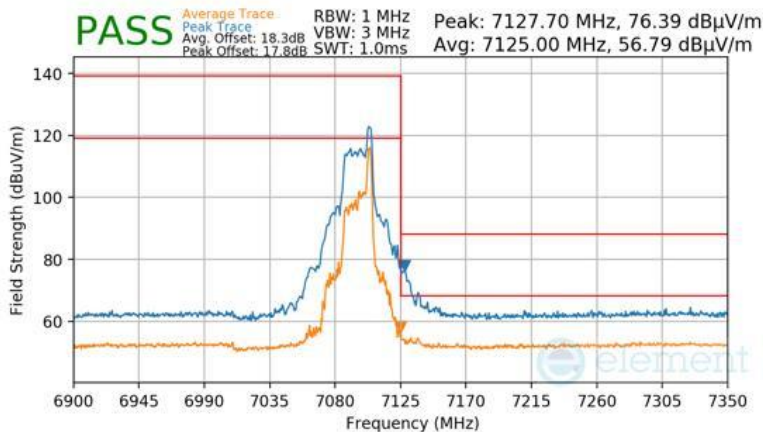
#### RU26

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5955MHz  
 Channel: 1



**Plot 7-1763. SDM Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7095MHz  
 Channel: 229

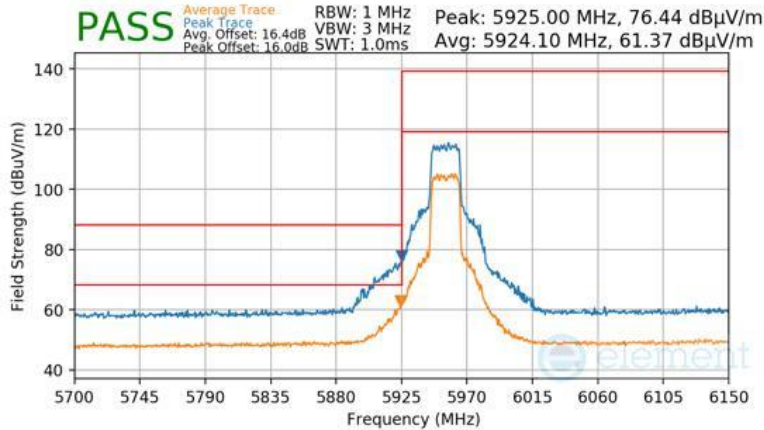


**Plot 7-1764. SDM Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 559 of 600

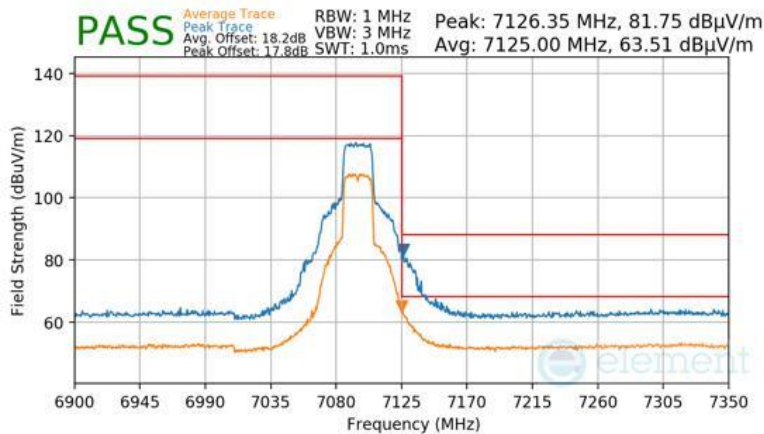
## RU242

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5955MHz  
 Channel: 1



**Plot 7-1765. SDM Primary Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU242)**

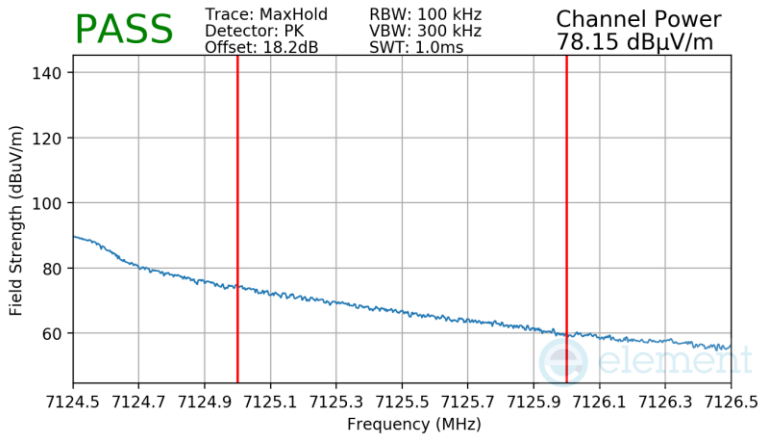
Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7095MHz  
 Channel: 229



**Plot 7-1766. SDM Primary Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU242)**

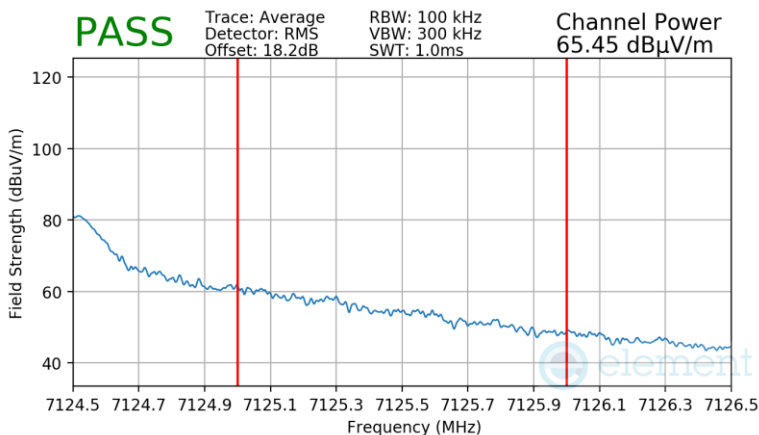
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 560 of 600

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233



**Plot 7-1767. SDM Primary Radiated Upper Band Edge (Peak – UNII Band 8 – RU242)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233



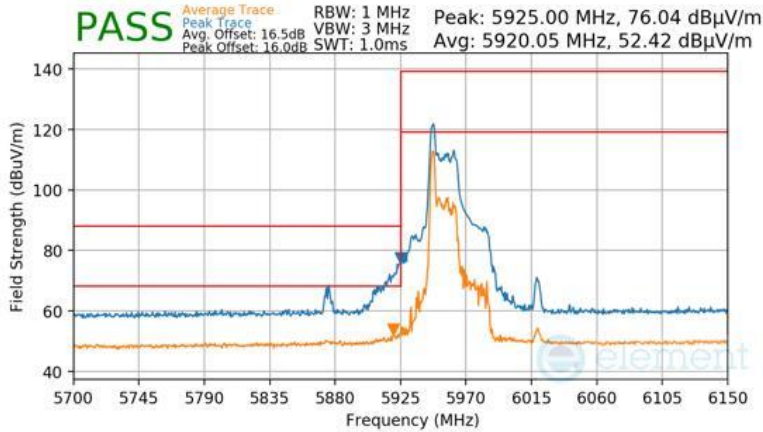
**Plot 7-1768. SDM Primary Radiated Upper Band Edge (Average – UNII Band 8 – RU242)**

FCC ID: BCGA2926 IC: 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-25.BCG	<b>Test Dates:</b> 1/3/2024 - 2/28/2024	<b>EUT Type:</b> Tablet Device	Page 561 of 600

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

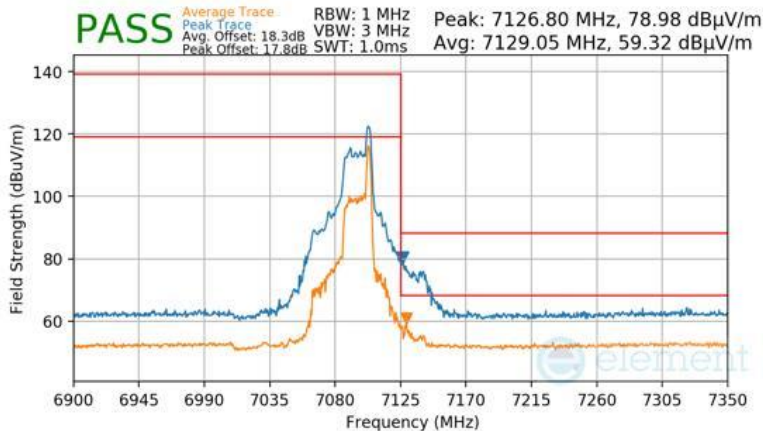
#### RU26

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5965MHz  
 Channel: 3



**Plot 7-1769. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7085MHz  
 Channel: 227

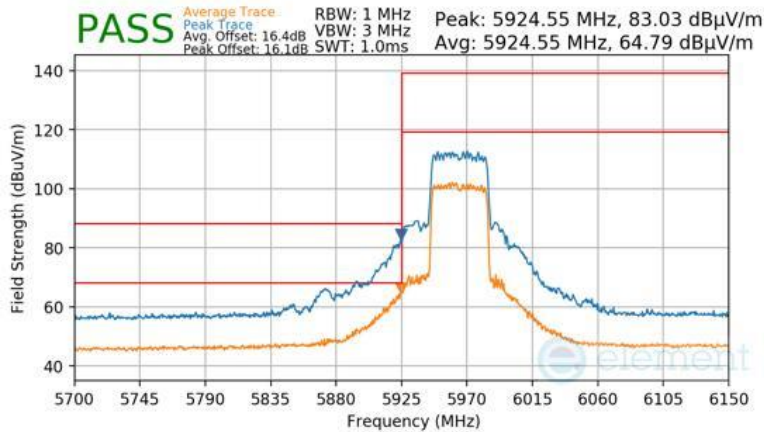


**Plot 7-1770. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 562 of 600

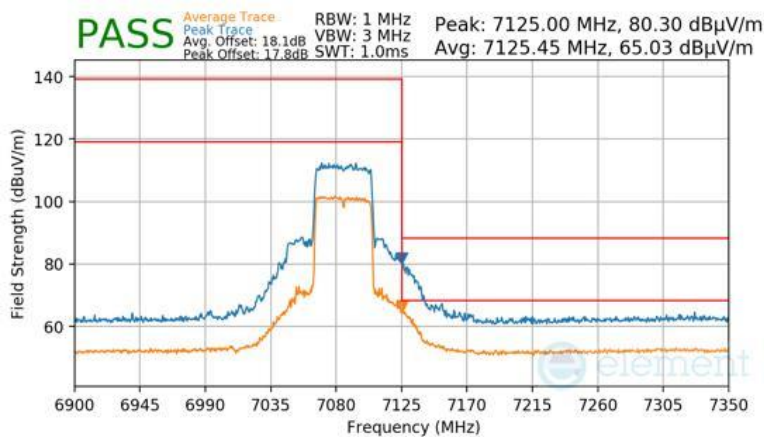
### RU484

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5965MHz  
 Channel: 3



**Plot 7-1771. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU484)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7085MHz  
 Channel: 227



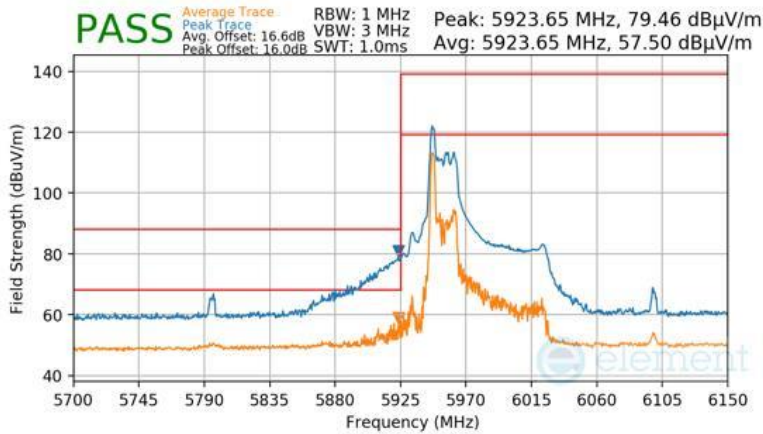
**Plot 7-1772. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU484)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 563 of 600

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

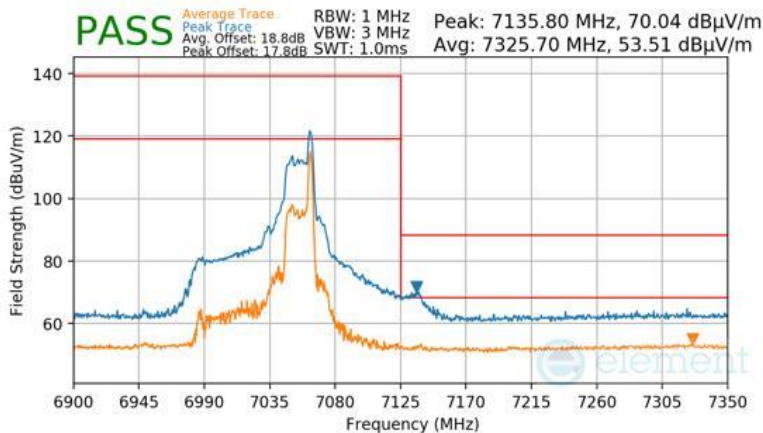
#### RU26

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5985MHz  
 Channel: 7



**Plot 7-1773. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7025MHz  
 Channel: 215

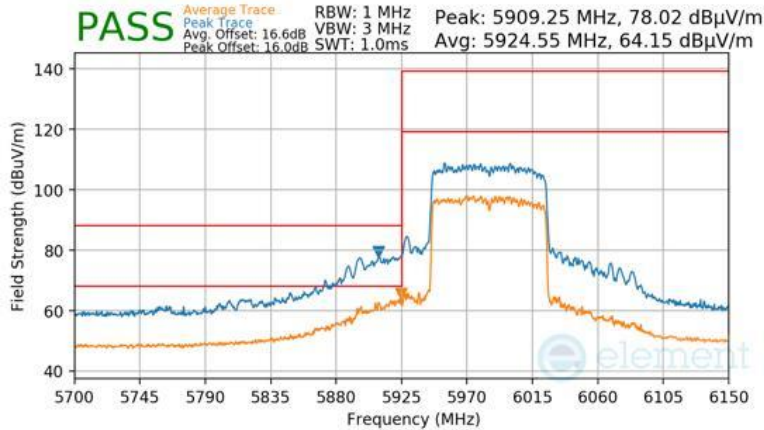


**Plot 7-1774. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 564 of 600

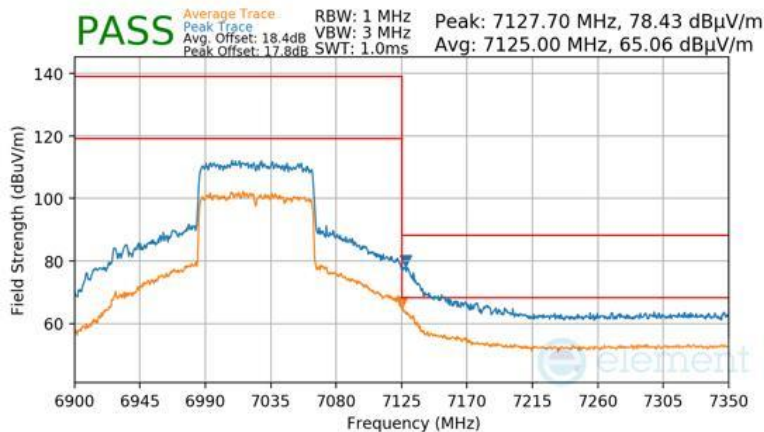
### RU996

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5985MHz  
 Channel: 7



**Plot 7-1775. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU996)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7025MHz  
 Channel: 215



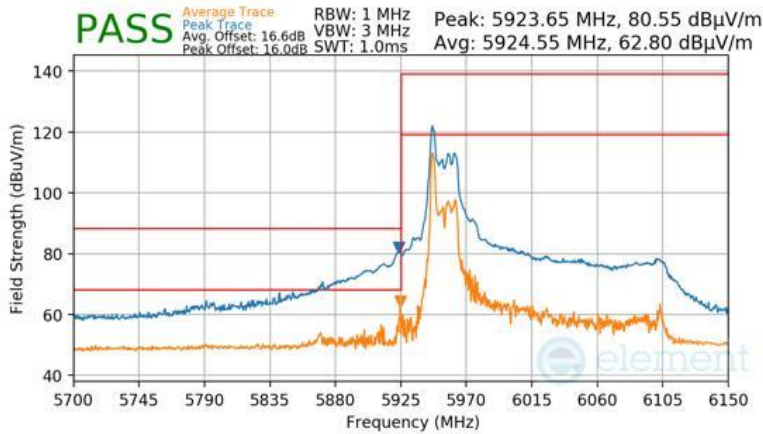
**Plot 7-1776. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU996)**

FCC ID: BCGA2926 IC: 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-25.BCG	<b>Test Dates:</b> 1/3/2024 - 2/28/2024	<b>EUT Type:</b> Tablet Device	Page 565 of 600

### 7.7.21 SDM Primary Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

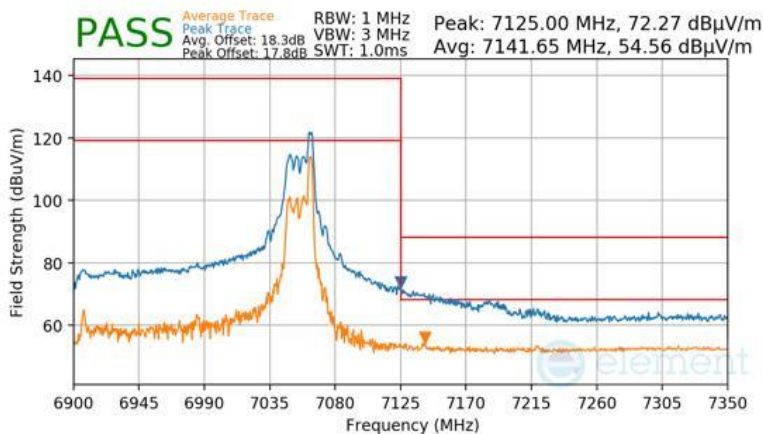
#### RU26

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6025MHz  
 Channel: 15



**Plot 7-1777. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6985MHz  
 Channel: 207



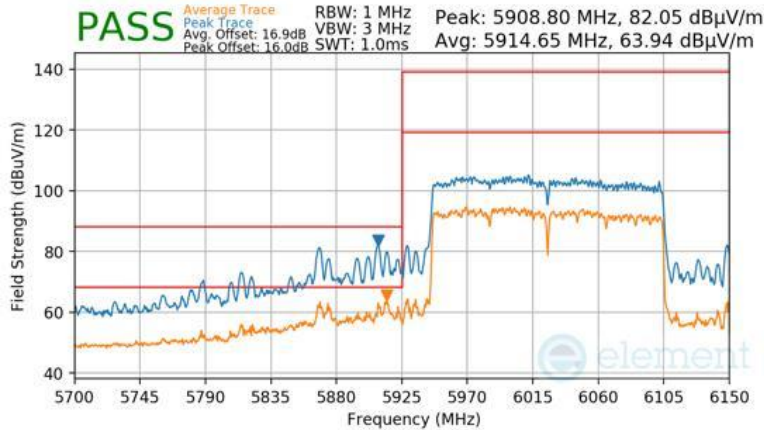
**Plot 7-1778. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 566 of 600



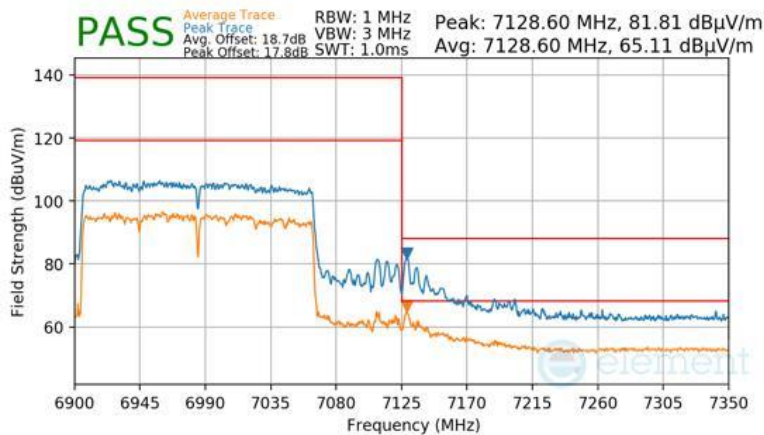
## RU996x2

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6025MHz  
 Channel: 15



**Plot 7-1779. SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU996x2)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6985MHz  
 Channel: 207



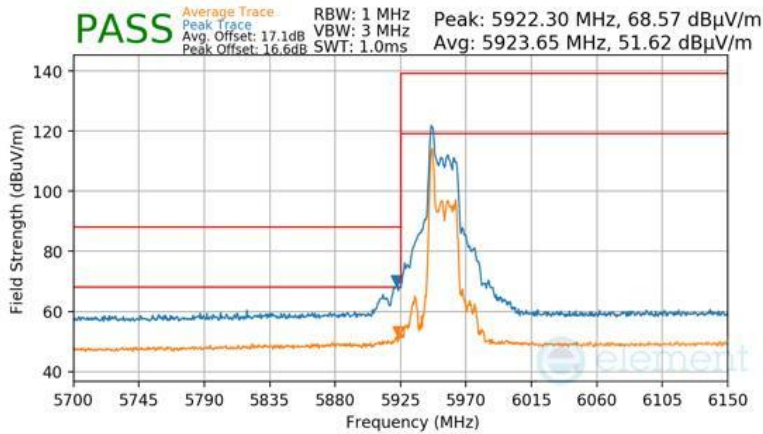
**Plot 7-1780. SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU996x2)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 567 of 600

## 7.7.22 SDM Diversity Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

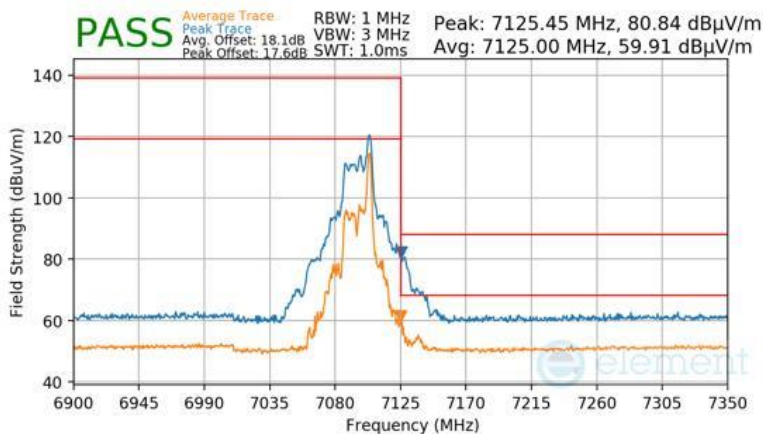
### RU26

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5955MHz  
 Channel: 1



**Plot 7-1781. SDM Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7095MHz  
 Channel: 229

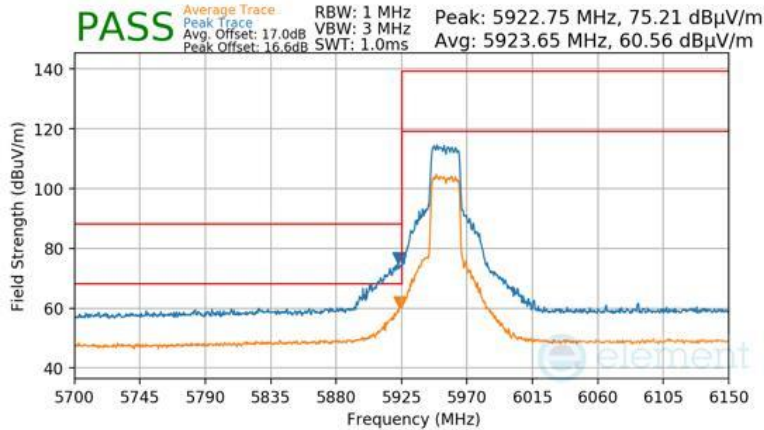


**Plot 7-1782. SDM Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU26)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 568 of 600

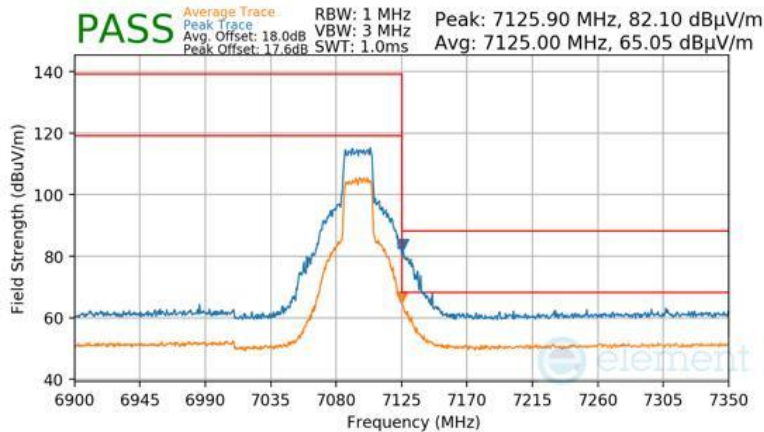
## RU242

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5955MHz  
 Channel: 1



**Plot 7-1783. SDM Diversity Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU242)**

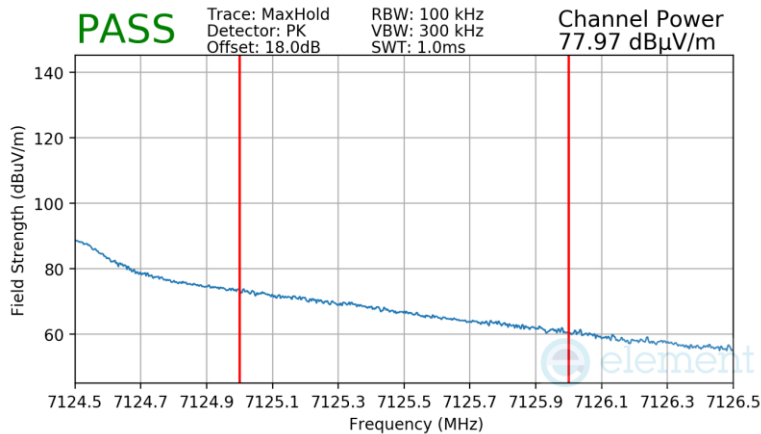
Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7095MHz  
 Channel: 229



**Plot 7-1784. SDM Diversity Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU242)**

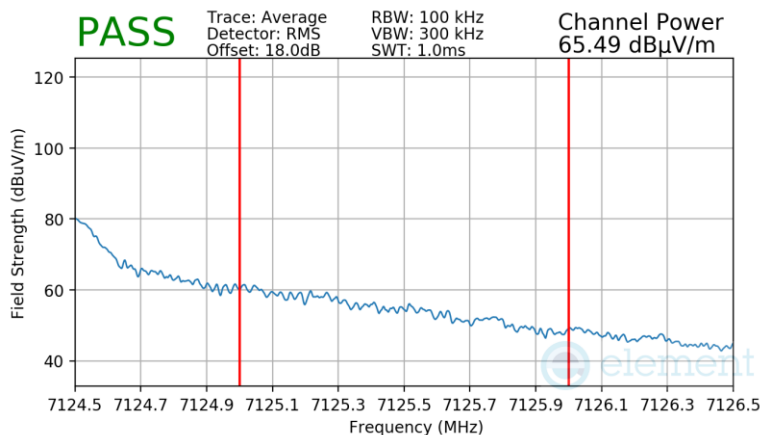
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 569 of 600

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233



**Plot 7-1785. SDM Diversity Radiated Upper Band Edge (Peak – UNII Band 8 – RU242)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233



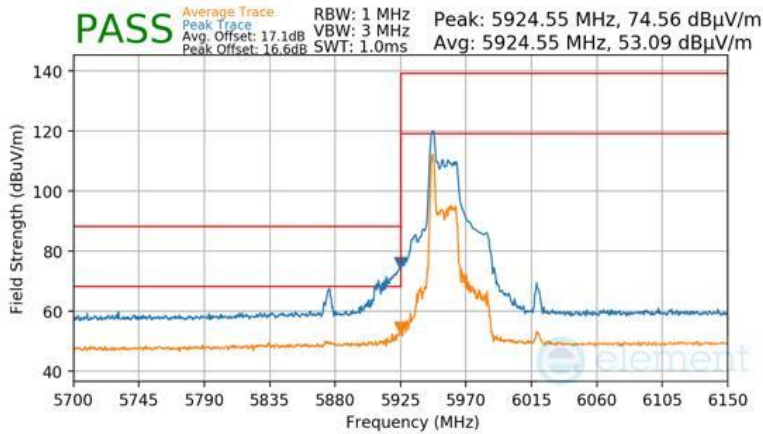
**Plot 7-1786. SDM Diversity Radiated Upper Band Edge (Average – UNII Band 8 – RU242)**

FCC ID: BCGA2926 IC: 579C-A2926	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-25.BCG		<b>Test Dates:</b> 1/3/2024 - 2/28/2024

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

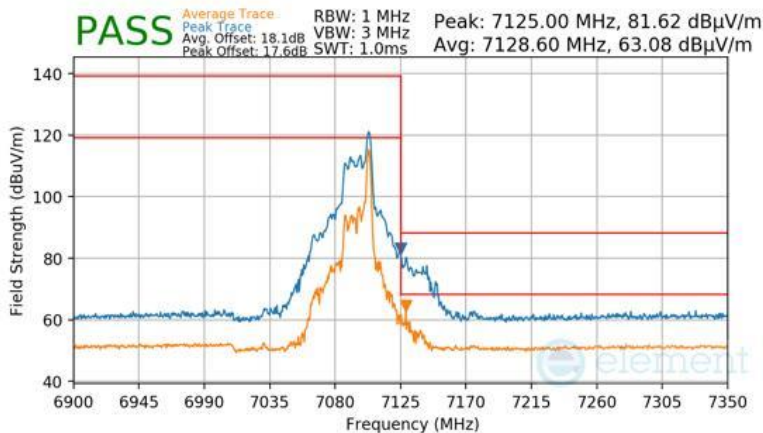
#### RU26

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5965MHz  
 Channel: 3



**Plot 7-1787. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7085MHz  
 Channel: 227

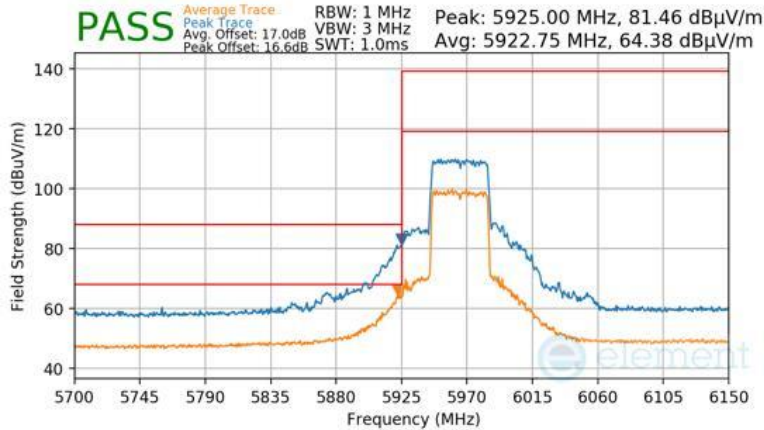


**Plot 7-1788. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 571 of 600

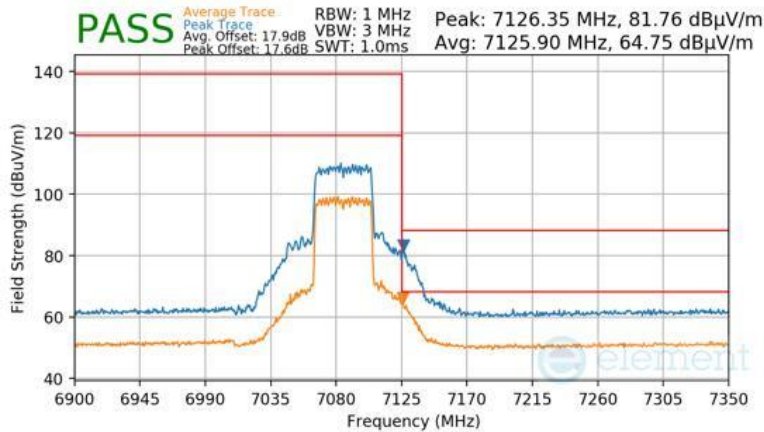
### RU484

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5965MHz  
 Channel: 3



**Plot 7-1789. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU484)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7085MHz  
 Channel: 227



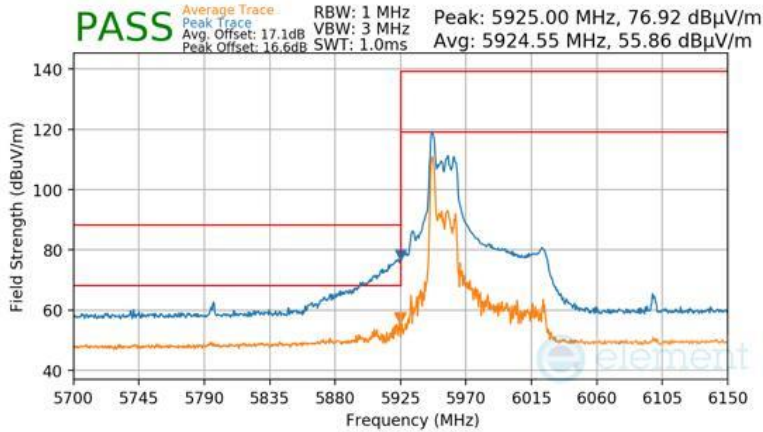
**Plot 7-1790. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU484)**

FCC ID: BCGA2926 IC: 579C-A2926		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270070-25.BCG	<b>Test Dates:</b> 1/3/2024 - 2/28/2024	<b>EUT Type:</b> Tablet Device	Page 572 of 600

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

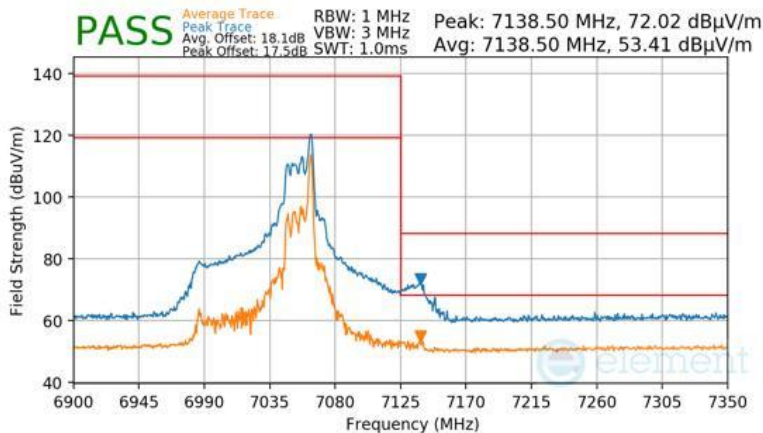
#### RU26

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5985MHz  
 Channel: 7



**Plot 7-1791. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7025MHz  
 Channel: 215

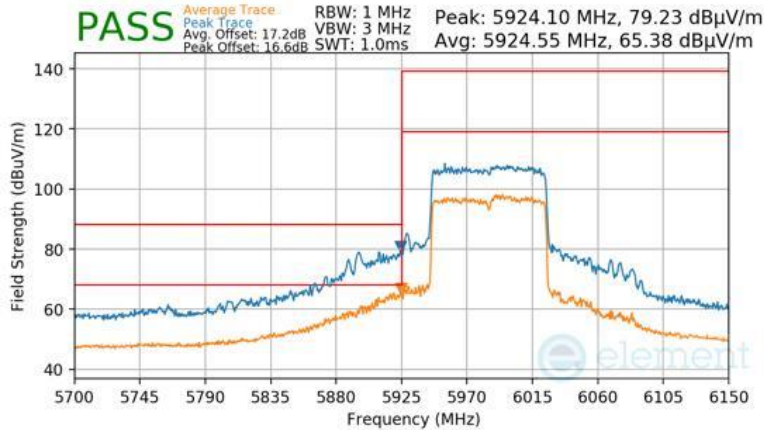


**Plot 7-1792. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 573 of 600

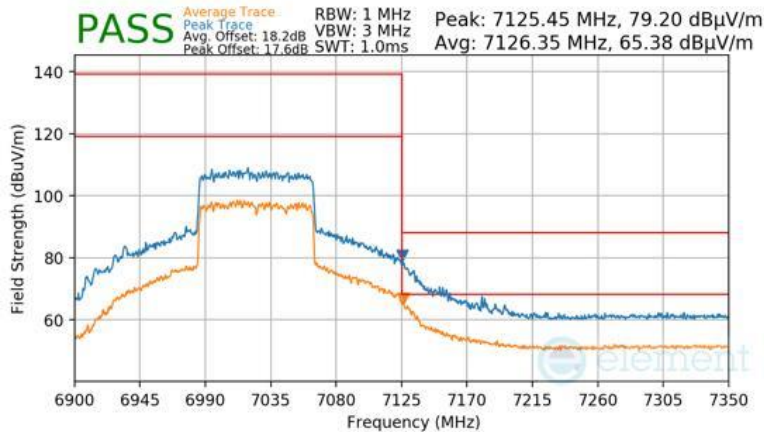
### RU996

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5985MHz  
 Channel: 7



**Plot 7-1793. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU996)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7025MHz  
 Channel: 215



**Plot 7-1794. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU996)**

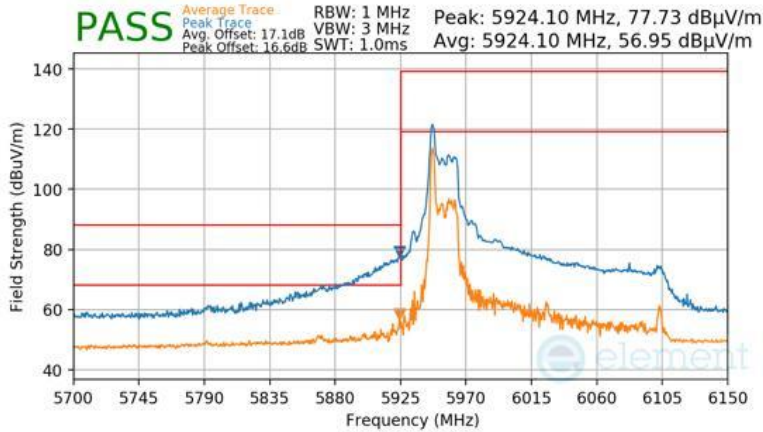
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 574 of 600



### 7.7.25 SDM Diversity Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

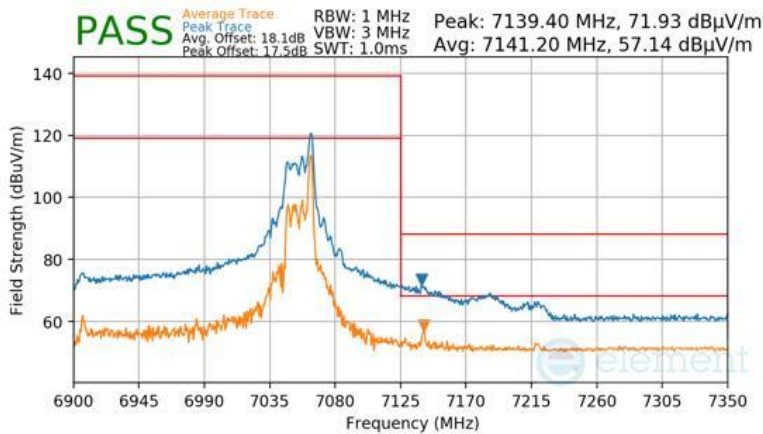
#### RU26

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6025MHz  
 Channel: 15



**Plot 7-1795. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6985MHz  
 Channel: 207

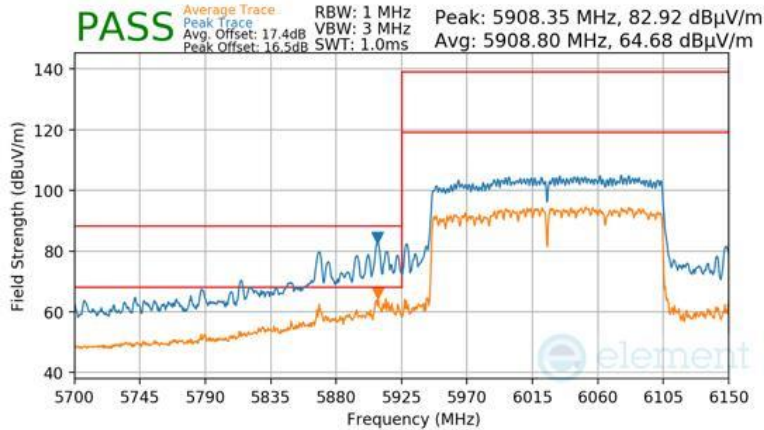


**Plot 7-1796. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 575 of 600

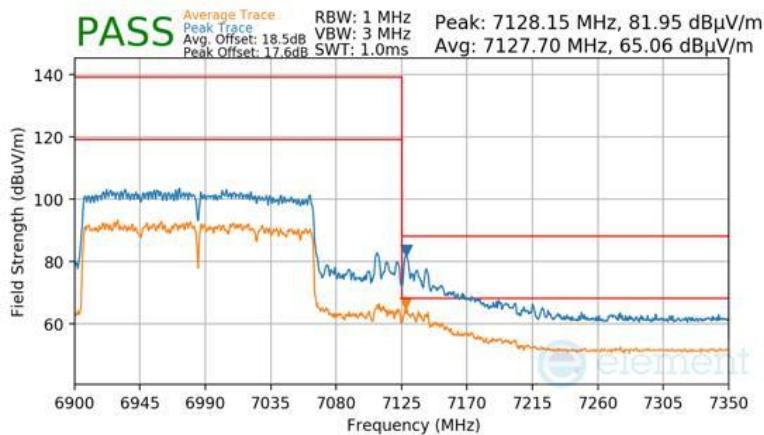
## RU996x2

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6025MHz  
 Channel: 15



**Plot 7-1797. SDM Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU996x2)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS11  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6985MHz  
 Channel: 207



**Plot 7-1798. SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU996x2)**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-25.BCG	Test Dates: 1/3/2024 - 2/28/2024	EUT Type: Tablet Device	Page 576 of 600

## 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 7-280 per Section 15.209 and RSS-Gen (8.9).**

Frequency	Field Strength [ $\mu$ 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 7-280. 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

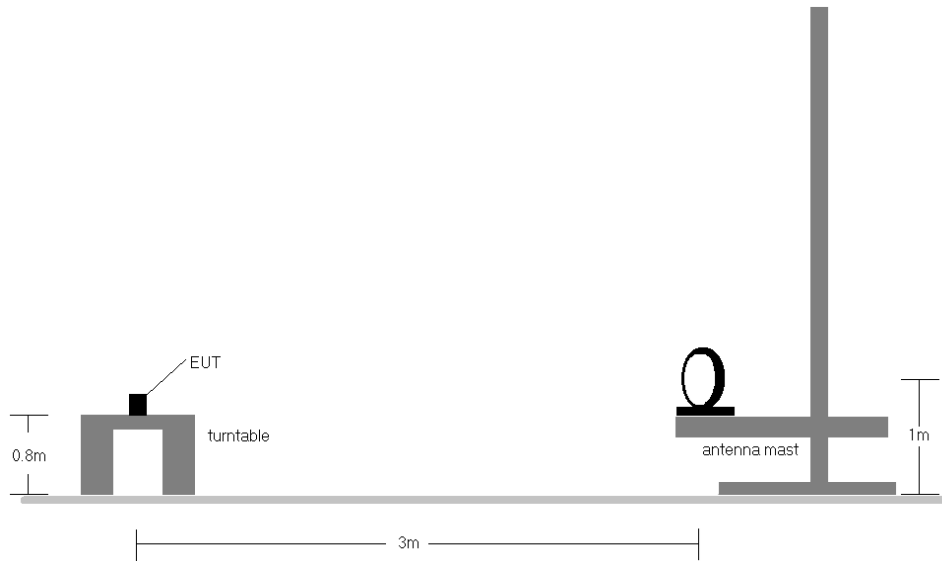
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = quasi-peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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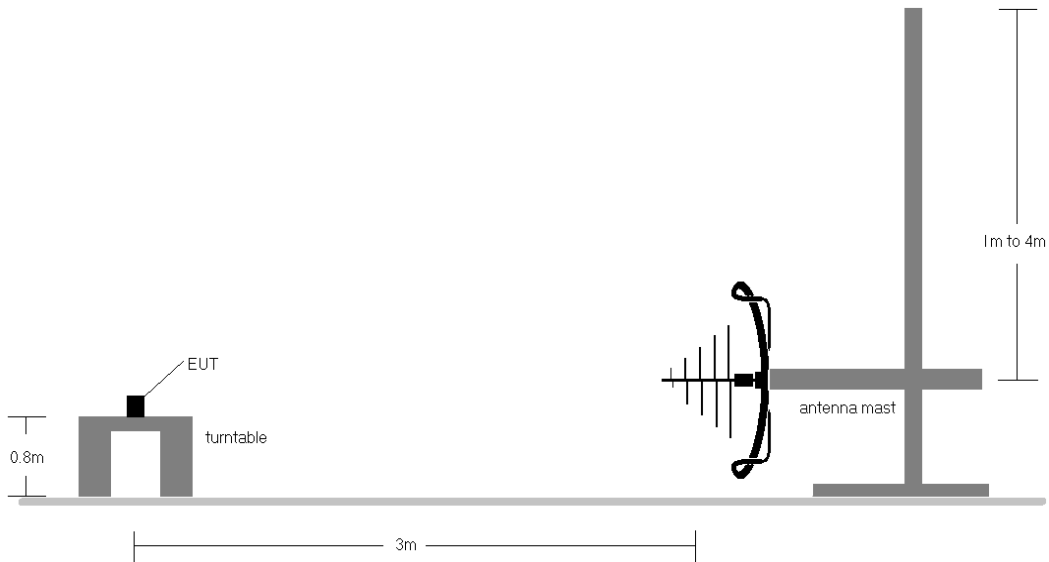
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**Test Setup**

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**

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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 7-280.
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.

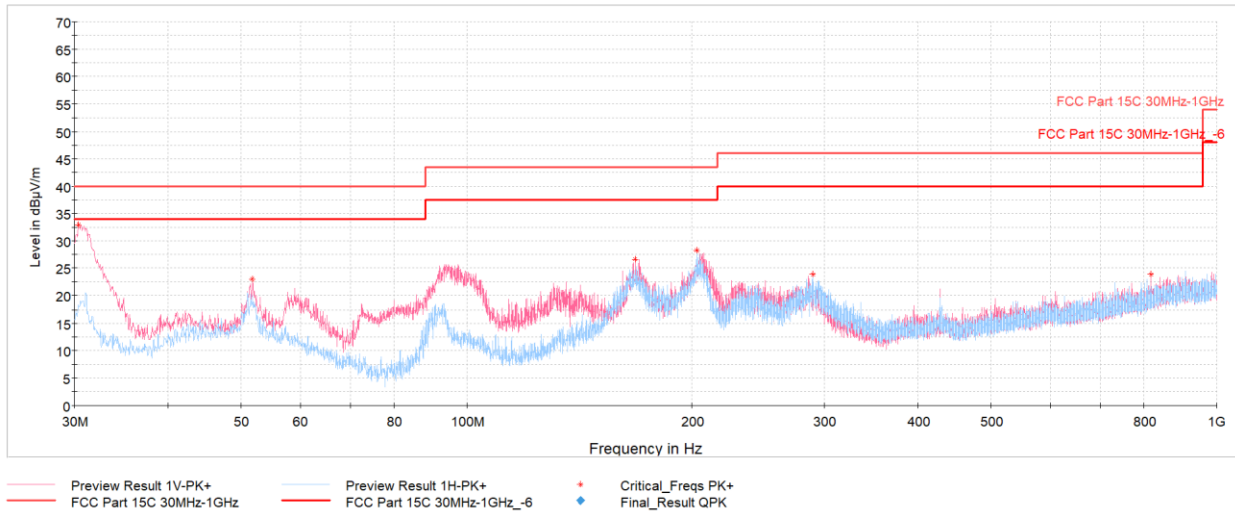
**Sample Calculations**

**Determining Spurious Emissions Levels**

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

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### 7.8.1 SDM Primary Radiated Spurious Emissions Measurements (Below 1GHz) §15.209; RSS-Gen [8.9]

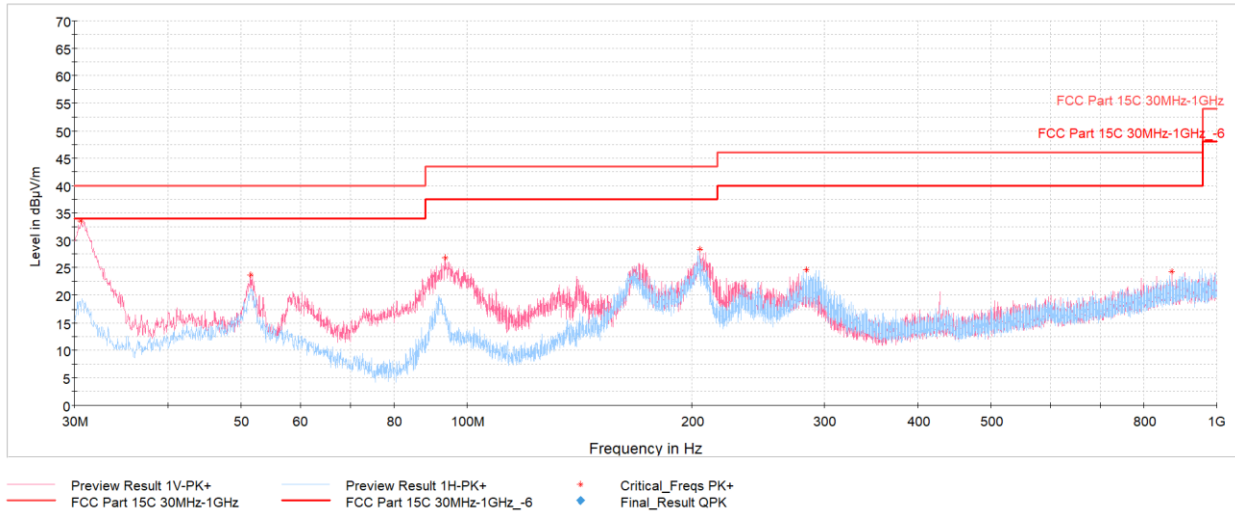


Plot 7-1799. Radiated Spurious Emissions below 1GHz SDM Primary (802.11ax – Ch.1 – RU26) with Laptop

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]
30.34	Max-Peak	V	100	24	-58.05	-15.94	33.01	40.00	-6.99
51.78	Max-Peak	V	100	106	-70.88	-13.13	22.99	40.00	-17.01
167.69	Max-Peak	V	100	93	-61.05	-19.32	26.63	43.52	-16.89
202.71	Max-Peak	H	100	238	-61.23	-17.53	28.24	43.52	-15.28
289.86	Max-Peak	H	100	244	-68.35	-14.79	23.86	46.02	-22.16
818.17	Max-Peak	V	300	240	-78.89	-4.25	23.86	46.02	-22.16

Table 7-281. Radiated Spurious Emissions below 1GHz SDM Primary (802.11ax – Ch.1 – RU26) with Laptop

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1800. Radiated Spurious Emissions below 1GHz SDM Primary (802.11ax – Ch.1 – RU242) with Laptop

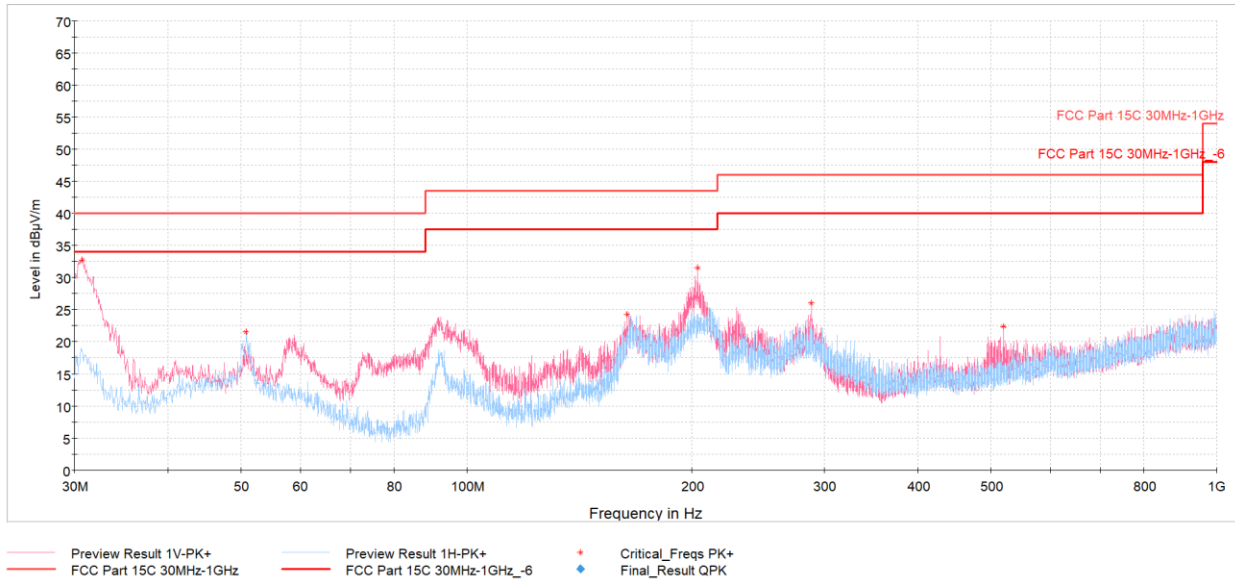
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
30.63	Max-Peak	V	100	327	-57.41	-16.01	33.58	40.00	-6.42
51.49	Max-Peak	V	100	161	-70.14	-13.12	23.74	40.00	-16.26
93.58	Max-Peak	V	100	154	-62.66	-17.56	26.78	43.52	-16.74
204.84	Max-Peak	V	200	97	-61.19	-17.46	28.35	43.52	-15.17
284.09	Max-Peak	H	100	238	-67.46	-14.93	24.61	46.02	-21.41
871.96	Max-Peak	V	300	101	-79.46	-3.28	24.26	46.02	-21.76

Table 7-282. Radiated Spurious Emissions below 1GHz SDM Primary(802.11ax – Ch.1 – RU242) with Laptop

FCC ID: BCGA2926 IC: 579C-A2926	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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## 7.8.2 SDM Diversity Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



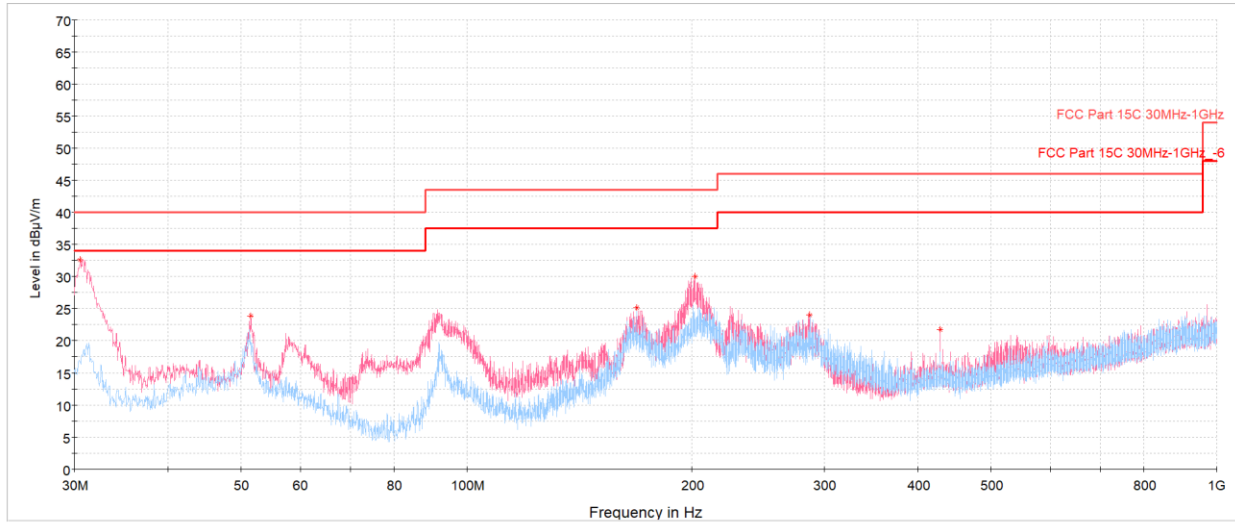
Plot 7-1801. Radiated Spurious Emissions below 1GHz SDM Diversity (802.11ax – Ch.1 – RU26) with Laptop

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]
30.73	Max-Peak	V	100	24	-58.25	-16.04	32.71	40.00	-7.29
50.81	Max-Peak	H	300	227	-72.42	-13.12	21.46	40.00	-18.54
163.81	Max-Peak	V	100	297	-63.32	-19.45	24.23	43.52	-19.29
203.34	Max-Peak	V	100	118	-57.96	-17.52	31.52	43.52	-12.00
288.46	Max-Peak	V	100	125	-66.19	-14.83	25.98	46.02	-20.04
520.04	Max-Peak	V	100	81	-75.08	-9.49	22.43	46.02	-23.59

Table 7-283. Radiated Spurious Emissions below 1GHz SDM Diversity (802.11ax – Ch.1 – RU26) 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 7-1802. Radiated Spurious Emissions below 1GHz SDM Diversity (802.11ax – Ch.1 – RU242) 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]
30.53	Max-Peak	V	100	0	-58.34	-15.99	32.67	40.00	-7.33
51.58	Max-Peak	V	100	154	-69.98	-13.12	23.90	40.00	-16.10
168.52	Max-Peak	H	200	156	-62.57	-19.25	25.18	43.52	-18.34
201.79	Max-Peak	V	100	106	-59.47	-17.47	30.06	43.52	-13.46
286.47	Max-Peak	V	100	142	-68.18	-14.79	24.03	46.02	-21.99
427.85	Max-Peak	V	100	161	-74.16	-11.08	21.76	46.02	-24.26

**Table 7-284. Radiated Spurious Emissions below 1GHz SDM Diversity (802.11ax – Ch.1 – RU242) with Laptop**

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

§15.407; RSS-Gen [8.8]

### Test Overview and Limit

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

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

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

**Table 7-285. Conducted Limits**

\*Decreases with the logarithm of the frequency.

### Test Procedures Used

ANSI C63.10-2013, 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: 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.

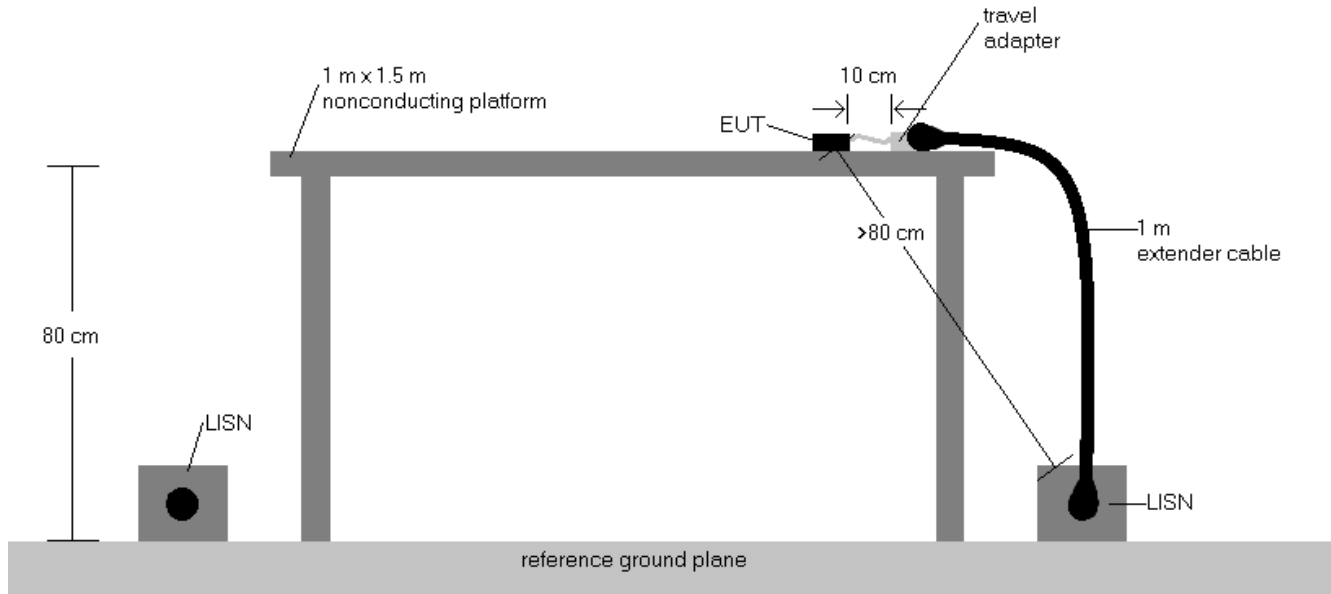


Figure 7-8. Test Instrument & Measurement Setup

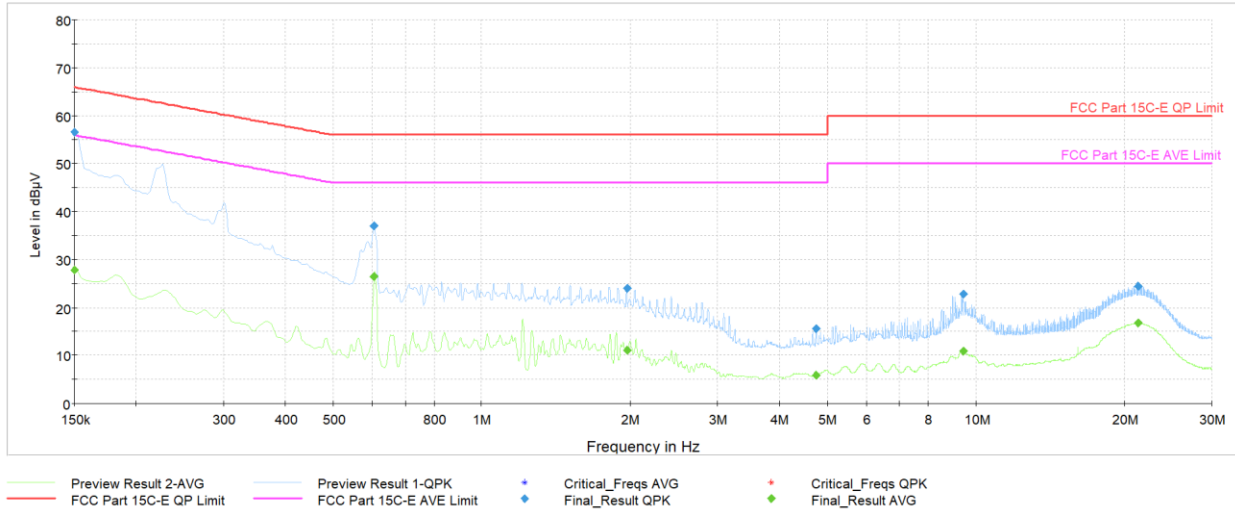
### Test Notes

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.
9. The unit was tested with all possible modes and only the highest emission is reported.

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### 7.9.1 SDM Primary Line-Conducted Emissions Measurements

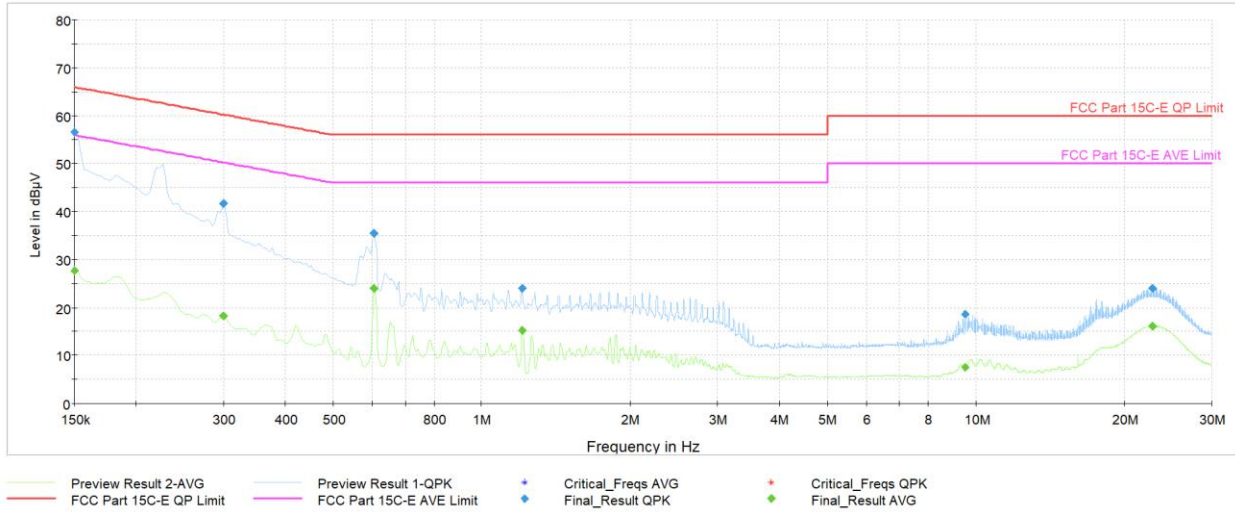


**Plot 7-1803. AC Line Conducted Plot with SDM Primary 11ax UNII Band 5 – RU26 – Ch.1 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.150	FINAL	—	27.83	56.00	-28.17	L1	GND
0.150	FINAL	56.57	—	66.00	-9.43	L1	GND
0.605	FINAL	—	26.50	46.00	-19.50	L1	GND
0.605	FINAL	36.99	—	56.00	-19.01	L1	GND
1.966	FINAL	—	11.02	46.00	-34.98	L1	GND
1.966	FINAL	23.88	—	56.00	-32.12	L1	GND
4.747	FINAL	15.60	—	56.00	-40.40	L1	GND
4.747	FINAL	—	5.88	46.00	-40.12	L1	GND
9.425	FINAL	22.68	—	60.00	-37.32	L1	GND
9.425	FINAL	—	10.96	50.00	-39.04	L1	GND
21.246	FINAL	—	16.73	50.00	-33.27	L1	GND
21.246	FINAL	24.36	—	60.00	-35.64	L1	GND

**Table 7-286. AC Line Conducted Data with SDM Primary 11ax UNII Band 5 – RU26 – Ch.1 (L1) with Laptop**

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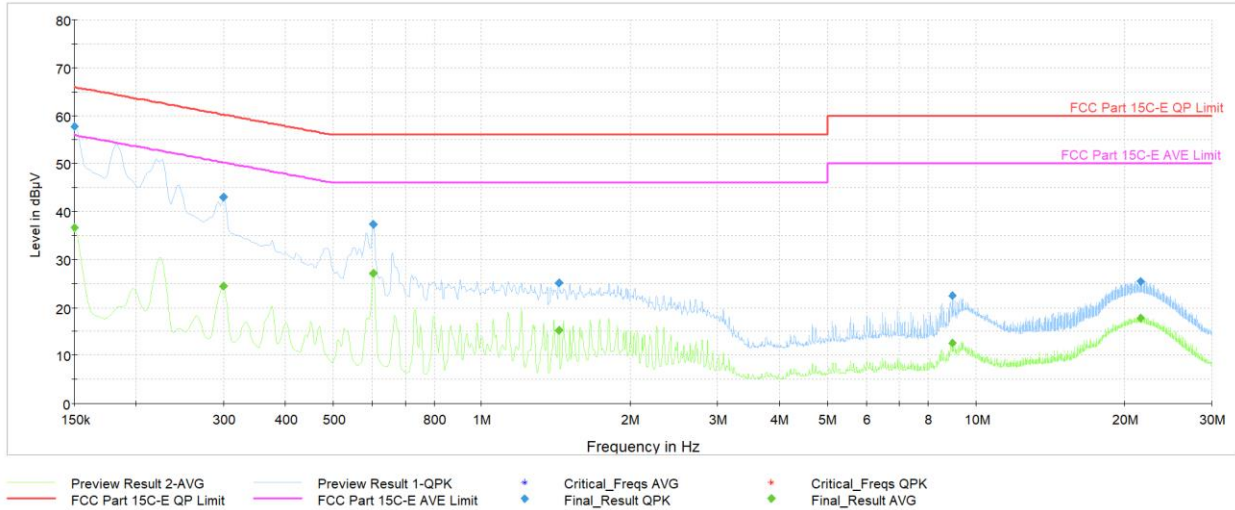


**Plot 7-1804. AC Line Conducted Plot with SDM Primary 11ax UNII Band 5 – RU26 – Ch.1 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.150	FINAL	—	27.60	56.00	-28.40	N	GND
0.150	FINAL	56.54	—	66.00	-9.46	N	GND
0.301	FINAL	—	18.20	50.22	-32.02	N	GND
0.301	FINAL	41.69	—	60.22	-18.53	N	GND
0.605	FINAL	—	23.98	46.00	-22.02	N	GND
0.605	FINAL	35.51	—	56.00	-20.49	N	GND
1.208	FINAL	23.89	—	56.00	-32.11	N	GND
1.208	FINAL	—	15.27	46.00	-30.73	N	GND
9.497	FINAL	18.56	—	60.00	-41.44	N	GND
9.497	FINAL	—	7.52	50.00	-42.48	N	GND
22.731	FINAL	—	16.06	50.00	-33.94	N	GND
22.731	FINAL	23.90	—	60.00	-36.10	N	GND

**Table 7-287. AC Line Conducted Data with SDM Primary 11ax UNII Band 5 – RU26 – Ch.1 (N) with Laptop**

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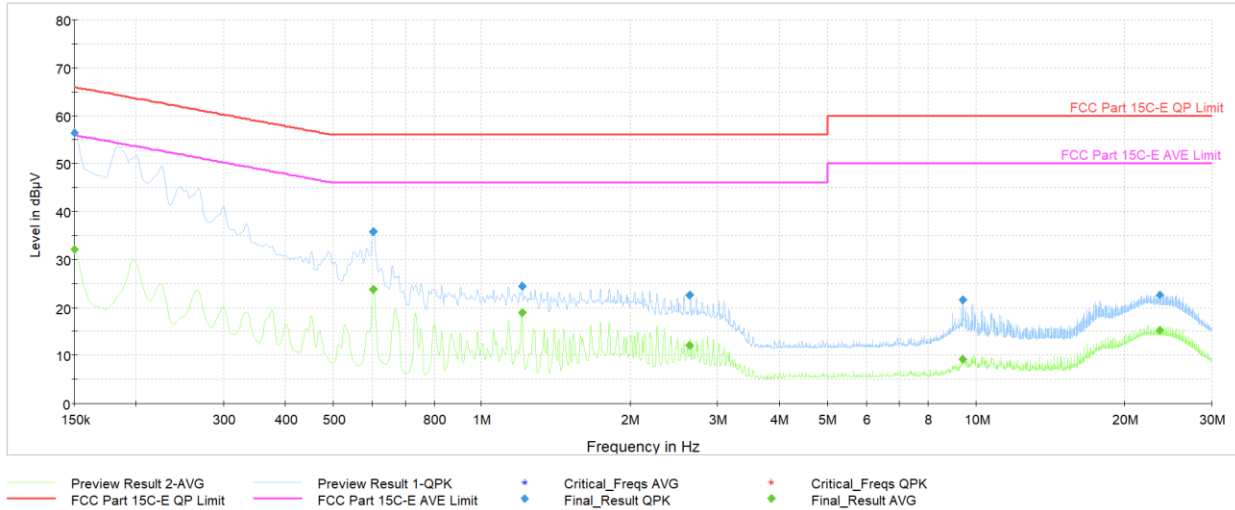


**Plot 7-1805. AC Line Conducted Plot with SDM Primary 11ax UNII Band 5 – RU242 – Ch.1 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.150	FINAL	—	36.62	56.00	-19.38	L1	GND
0.150	FINAL	57.66	—	66.00	-8.34	L1	GND
0.301	FINAL	—	24.45	50.22	-25.77	L1	GND
0.301	FINAL	43.03	—	60.22	-17.19	L1	GND
0.602	FINAL	—	27.07	46.00	-18.93	L1	GND
0.602	FINAL	37.27	—	56.00	-18.73	L1	GND
1.433	FINAL	25.03	—	56.00	-30.97	L1	GND
1.433	FINAL	—	15.17	46.00	-30.83	L1	GND
8.970	FINAL	22.35	—	60.00	-37.65	L1	GND
8.970	FINAL	—	12.62	50.00	-37.38	L1	GND
21.521	FINAL	—	17.74	50.00	-32.26	L1	GND
21.521	FINAL	25.49	—	60.00	-34.51	L1	GND

**Table 7-288. AC Line Conducted Data with SDM Primary 11ax UNII Band 5 – RU242 – Ch.1 (L1) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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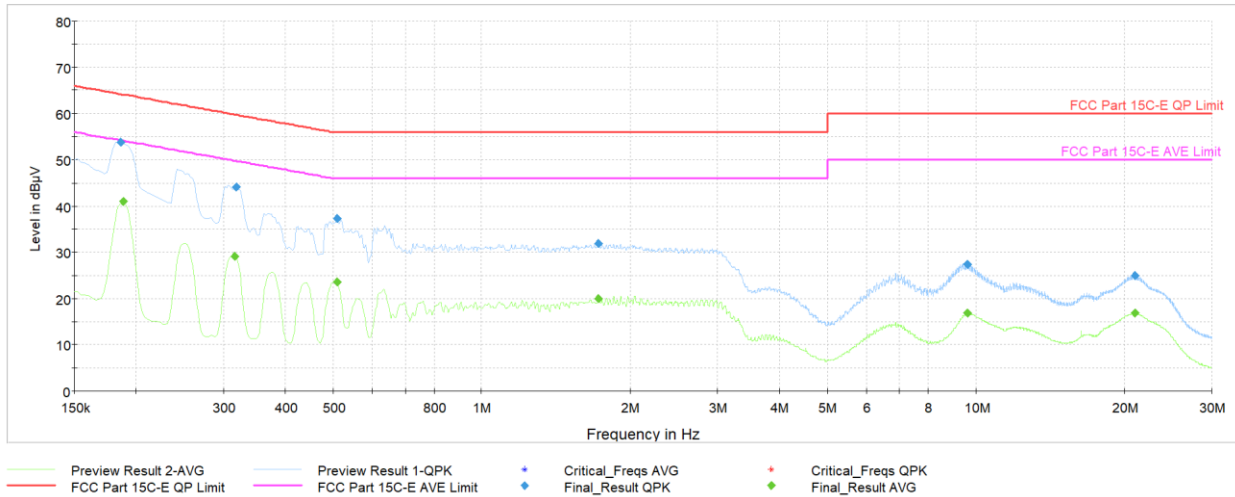
**Plot 7-1806. AC Line Conducted Plot with SDM Primary 11ax UNII Band 5 – RU242 – Ch.1 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.150	FINAL	—	32.07	56.00	-23.93	N	GND
0.150	FINAL	56.38	—	66.00	-9.62	N	GND
0.602	FINAL	—	23.77	46.00	-22.23	N	GND
0.602	FINAL	35.86	—	56.00	-20.14	N	GND
1.208	FINAL	—	18.90	46.00	-27.10	N	GND
1.208	FINAL	24.52	—	56.00	-31.48	N	GND
2.636	FINAL	22.57	—	56.00	-33.43	N	GND
2.636	FINAL	—	12.08	46.00	-33.92	N	GND
9.418	FINAL	21.60	—	60.00	-38.40	N	GND
9.418	FINAL	—	9.24	50.00	-40.76	N	GND
23.510	FINAL	—	15.20	50.00	-34.80	N	GND
23.510	FINAL	22.58	—	60.00	-37.42	N	GND

**Table 7-289. AC Line Conducted Data with SDM Primary 11ax UNII Band 5 – RU242 – Ch.1 (N) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## 7.9.2 SDM Diversity Line-Conducted Emissions Measurements



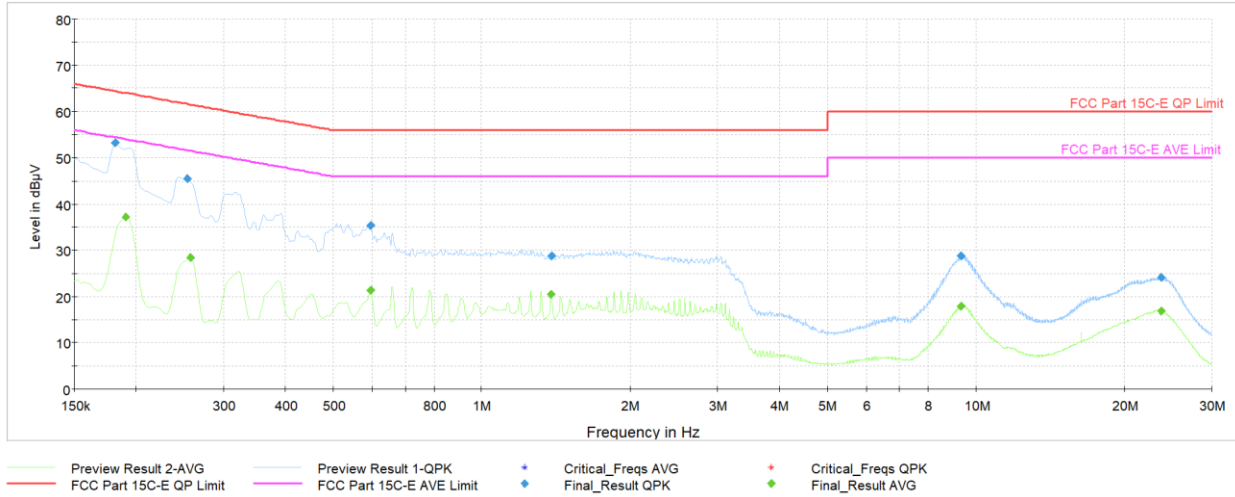
**Plot 7-1807. AC Line Conducted Plot with SDM Diversity 11ax UNII Band 5 – RU26 – Ch.1 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.186	FINAL	53.88	—	64.21	-10.34	L1	GND
0.188	FINAL	—	40.92	54.11	-13.19	L1	GND
0.317	FINAL	—	29.24	49.80	-20.56	L1	GND
0.319	FINAL	44.16	—	59.74	-15.58	L1	GND
0.510	FINAL	—	23.64	46.00	-22.36	L1	GND
0.510	FINAL	37.23	—	56.00	-18.78	L1	GND
1.721	FINAL	31.86	—	56.00	-24.14	L1	GND
1.723	FINAL	—	20.02	46.00	-25.98	L1	GND
9.609	FINAL	—	16.82	50.00	-33.18	L1	GND
9.616	FINAL	27.49	—	60.00	-32.51	L1	GND
20.951	FINAL	—	16.77	50.00	-33.23	L1	GND
20.956	FINAL	24.98	—	60.00	-35.02	L1	GND

**Table 7-290. AC Line Conducted Data with SDM Diversity 11ax UNII Band 5 – RU26 – Ch.1 (L1) with Laptop**

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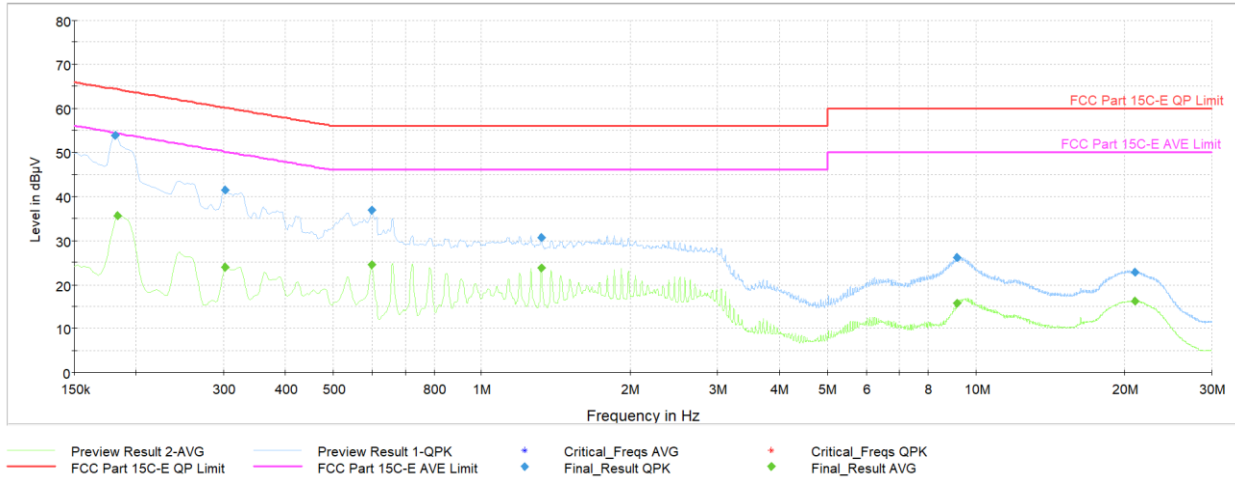


**Plot 7-1808. AC Line Conducted Plot with SDM Diversity 11ax UNII Band 5 – RU26 – Ch.1 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.182	FINAL	53.29	—	64.42	-11.13	N	GND
0.191	FINAL	—	37.18	54.02	-16.83	N	GND
0.254	FINAL	45.44	—	61.64	-16.21	N	GND
0.258	FINAL	—	28.50	51.50	-22.99	N	GND
0.596	FINAL	35.37	—	56.00	-20.63	N	GND
0.596	FINAL	—	21.41	46.00	-24.59	N	GND
1.383	FINAL	—	20.42	46.00	-25.58	N	GND
1.388	FINAL	28.87	—	56.00	-27.13	N	GND
9.344	FINAL	28.79	—	60.00	-31.21	N	GND
9.344	FINAL	—	17.89	50.00	-32.11	N	GND
23.683	FINAL	—	16.80	50.00	-33.20	N	GND
23.690	FINAL	24.10	—	60.00	-35.90	N	GND

**Table 7-291. AC Line Conducted Data with SDM Diversity 11ax UNII Band 5 – RU26 – Ch.1 (N) with Laptop**

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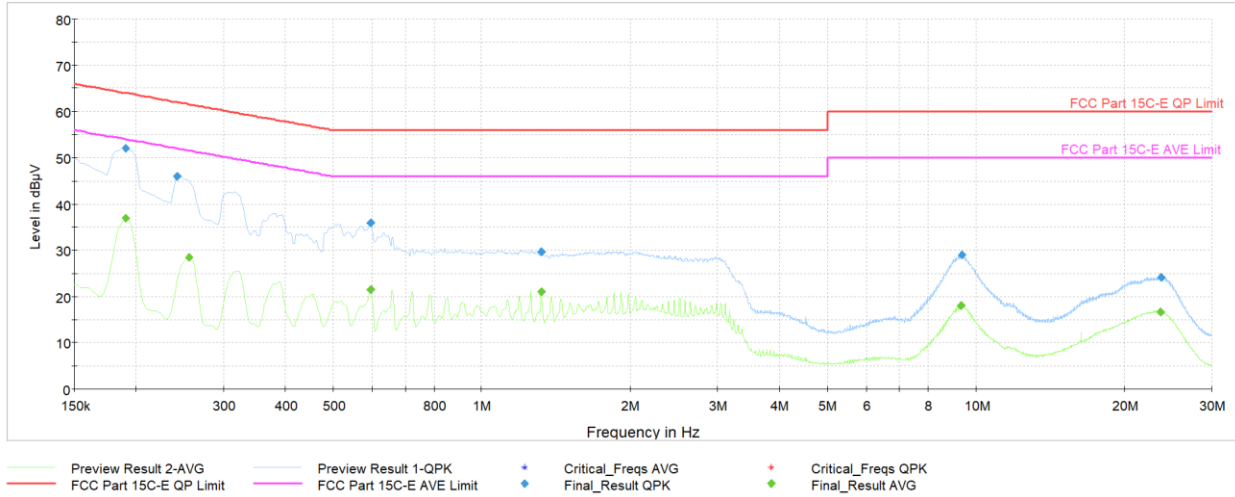


**Plot 7-1809. AC Line Conducted Plot with SDM Diversity 11ax UNII Band 5 – RU242 – Ch.1 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.182	FINAL	53.95	—	64.42	-10.47	L1	GND
0.184	FINAL	—	35.56	54.31	-18.76	L1	GND
0.303	FINAL	—	23.99	50.16	-26.17	L1	GND
0.303	FINAL	41.48	—	60.16	-18.68	L1	GND
0.598	FINAL	—	24.40	46.00	-21.60	L1	GND
0.598	FINAL	36.93	—	56.00	-19.07	L1	GND
1.320	FINAL	30.74	—	56.00	-25.26	L1	GND
1.320	FINAL	—	23.78	46.00	-22.22	L1	GND
9.146	FINAL	26.07	—	60.00	-33.93	L1	GND
9.155	FINAL	—	15.75	50.00	-34.25	L1	GND
20.972	FINAL	—	16.23	50.00	-33.77	L1	GND
20.981	FINAL	22.88	—	60.00	-37.12	L1	GND

**Table 7-292. AC Line Conducted Data with SDM Diversity 11ax UNII Band 5 – RU242 – Ch.1 (L1) with Laptop**

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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**Plot 7-1810. AC Line Conducted Plot with SDM Diversity 11ax UNII Band 5 – RU242 – Ch.1 (N) with AC/DC Adapter**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.191	FINAL	—	36.93	54.02	-17.09	N	GND
0.191	FINAL	52.11	—	64.02	-11.91	N	GND
0.242	FINAL	45.92	—	62.02	-16.10	N	GND
0.256	FINAL	—	28.50	51.57	-23.06	N	GND
0.596	FINAL	35.85	—	56.00	-20.15	N	GND
0.596	FINAL	—	21.55	46.00	-24.45	N	GND
1.320	FINAL	29.61	—	56.00	-26.39	N	GND
1.320	FINAL	—	20.97	46.00	-25.03	N	GND
9.339	FINAL	—	18.01	50.00	-31.99	N	GND
9.373	FINAL	28.94	—	60.00	-31.06	N	GND
23.656	FINAL	—	16.64	50.00	-33.36	N	GND
23.678	FINAL	24.06	—	60.00	-35.94	N	GND

**Table 7-293. AC Line Conducted Data with SDM Diversity 11ax UNII Band 5 – RU242 – Ch.1 (N) with AC/DC Adapter**

FCC ID: BCGA2926 IC: 579C-A2926	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 D02 v02r01 – Section L  
ANSI C63.10-2013 – Section 12.3.3.2 Method PM-G  
ANSI C63.10-2013 – Section 14.2 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.

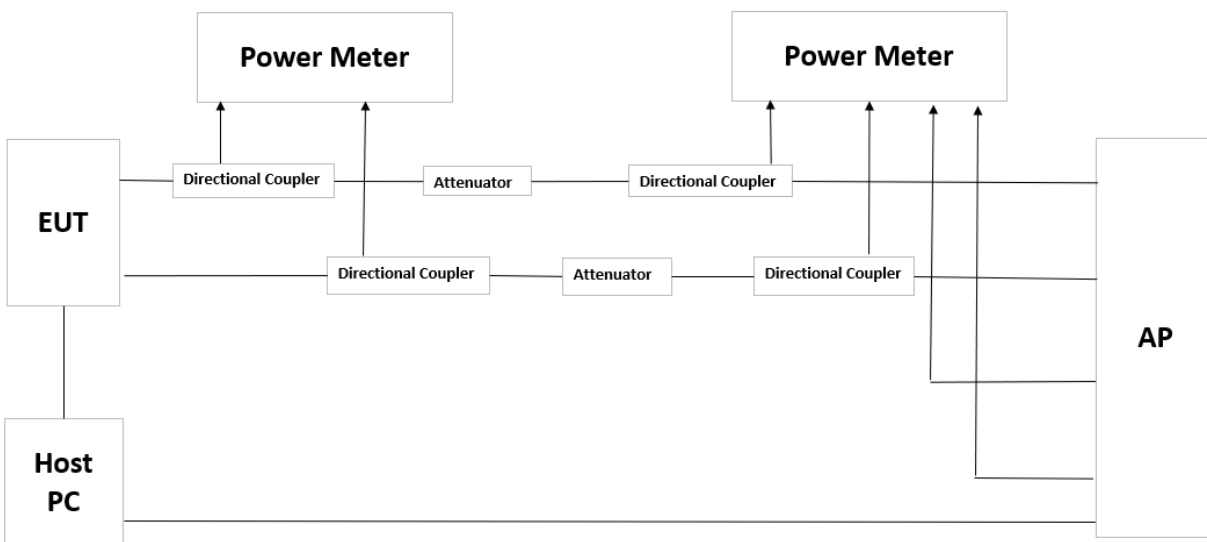


Figure 9: Test Instrument & Measurement Setup

### Test Notes

1. Standard Power AP which was used in the test setup is not certified and it's a production version.
2. Standard Power AP specification is declared by Apple/manufacturer
3. AFC Limit was set to 36, 28 and 21 dBm EIRP.

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### 36 dBm EIRP

Channel	Frequency (MHz)	Mode	Power Measured (dBm)					Correlated Gain (dBi)	Measured e.i.r.p (dBm)
			Ant0	Ant1	Ant2	Ant3	Summed		
5	5975	TxBF	20.32	19.78	19.86	19.71	25.94	6.02	31.72

Table 294. AP measured e.i.r.p

Channel	Frequency (MHz)	Power Measured (dBm)			Correlated Gain (dBi)	Measured e.i.r.p (dBm)
		Antenna 5b	Antenna 4a	Summed		
5	5975	12.87	7.16	13.9	2.0	15.9

Table 295. EUT measured e.i.r.p (MIMO)

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

Channel	Frequency (MHz)	Mode	Power Measured (dBm)					Correlated Gain (dBi)	Measured e.i.r.p (dBm)
			Ant0	Ant1	Ant2	Ant3	Summed		
5	5975	CDD	19.59	19.58	19.75	19.32	25.58	0	25.62

Table 296. AP measured e.i.r.p

Channel	Frequency (MHz)	Power Measured (dBm)			Correlated Gain (dBi)	Measured e.i.r.p (dBm)
		Antenna 5b	Antenna 4a	Summed		
5	5975	11.46	7.09	12.81	2.0	14.8

Table 297. EUT measured e.i.r.p (MIMO)

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

Channel	Frequency (MHz)	Mode	Power Measured (dBm)					Correlated Gain (dBi)	Measured e.i.r.p (dBm)
			Ant0	Ant1	Ant2	Ant3	Summed		
5	5975	CDD	13.1	12.74	13.16	12.39	18.88	0	18.81

Table 298. AP measured e.i.r.p

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)
5b	5	5975	10.49	2.0	12.49
4a	5	5975	6.96	1.3	8.26

Table 299. EUT measured e.i.r.p (SISO)

FCC ID: BCGA2926 IC: 579C-A2926		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 v02r01 – Section K  
ANSI C63.10-2013 – Section 12.3.3.2 Method PM-G  
ANSI C63.10-2013 – Section 14.2 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.

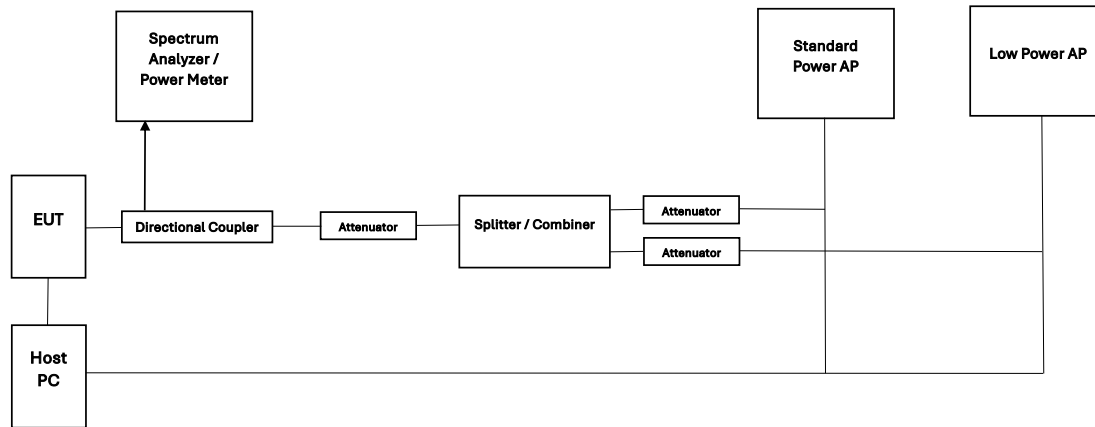


Figure 10: Test Instrument & Measurement Setup

### Test Notes

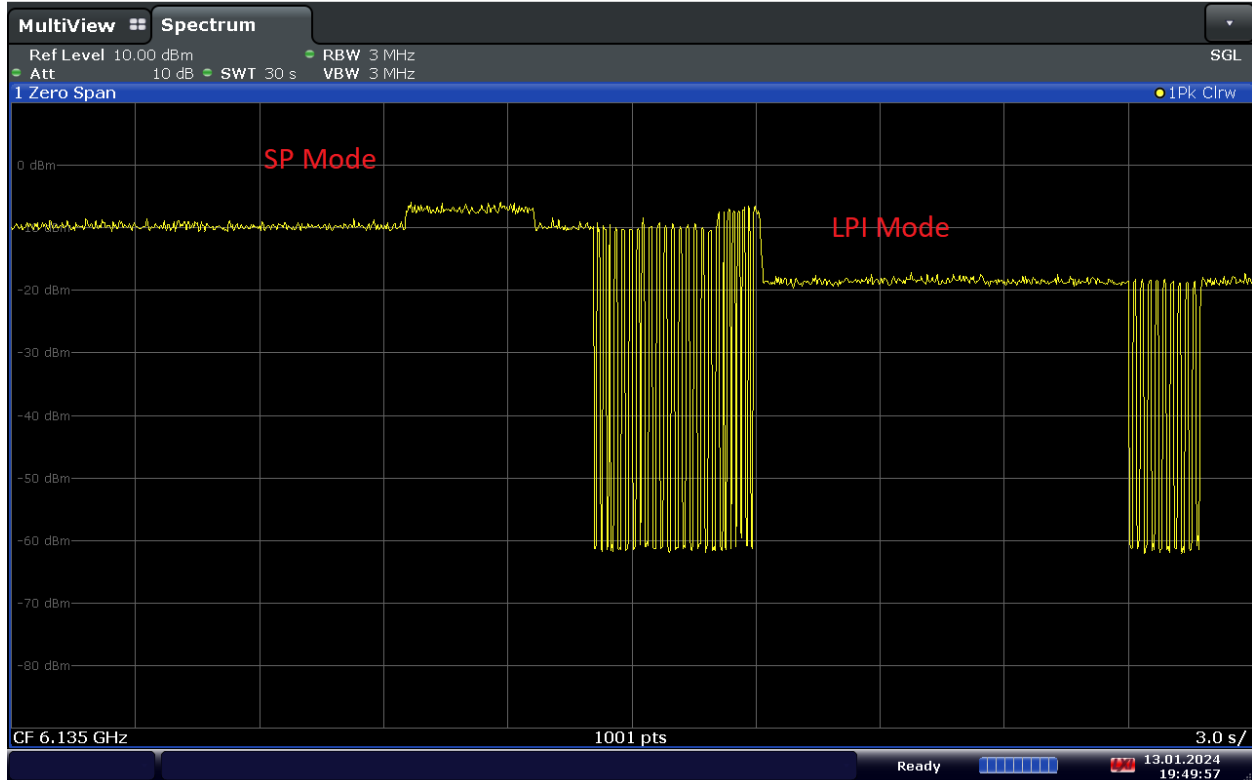
1. Standard Power AP which was used in the test setup is not certified and it's a production version.
2. Standard Power AP specification is declared by Apple/manufacturer.
3. Standard Power AP was set on highest power setting (36dBm EIRP)
4. Standard Power AP and Low Power Indoor AP were configured to transmit on same channel.
5. DUT was configured for SISO transmission so Antenna 5b was measured.

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Figure 11: Client device observation from Standard Power AP to Low Power Indoor AP

Channel	Frequency (MHz)	Mode	Power Measured (dBm)					Correlated Gain (dBi)	Measured e.i.r.p (dBm)
			Ant0	Ant1	Ant2	Ant3	Summed		
37	6135	TxBF	20.32	19.78	19.86	19.71	25.94	6.02	31.52

Table 300: Measured e.i.r.p from Standard Power AP

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)
5b	37	6135	13.26	2.0	15.26

Table 301: EUT measured e.i.r.p when established with Standard Power AP

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)
5b	37	6135	4.18	2.0	6.18

Table 302: EUT measured e.i.r.p when established with Low Power Indoor AP

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 Part 15 Subpart E (15.407) of the FCC Rules and RSS-248 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> 1C2311270070-25.BCG	<b>Test Dates:</b> 1/3/2024 - 2/28/2024	<b>EUT Type:</b> Tablet Device	Page 600 of 600

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