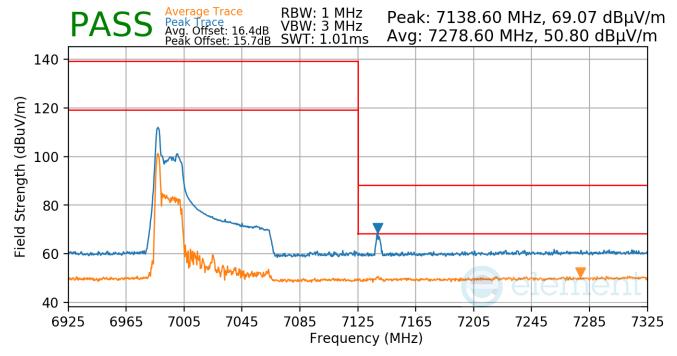


Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax	
MCS11	
3 Meters	
7025MHz	
215	



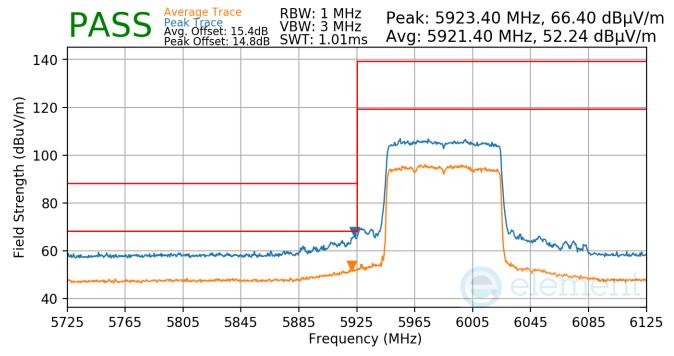
Plot 7-784. Antenna WF5b Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 200 of 222
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### **RU996**

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

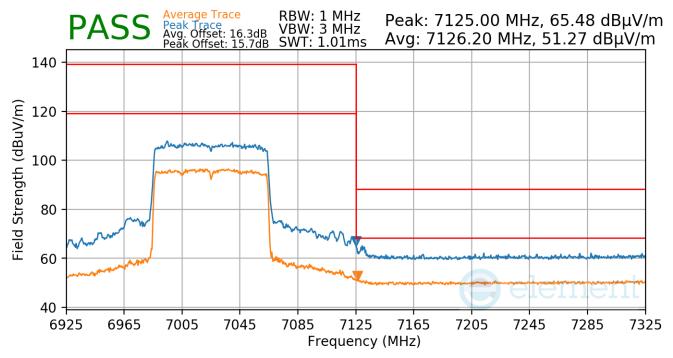


Plot 7-785. Antenna WF5b Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU996)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 200 of 222
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Worst Case Mode: 802.11ax MCS11 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 7025MHz Channel: 215



Plot 7-786. Antenna WF5b Radiated Upper Band Edge (Peak & Average - UNII Band 8 - RU996)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 201 of 222
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## 7.7.11 Antenna WF5b Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

## **RU26**

Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:
Channel:

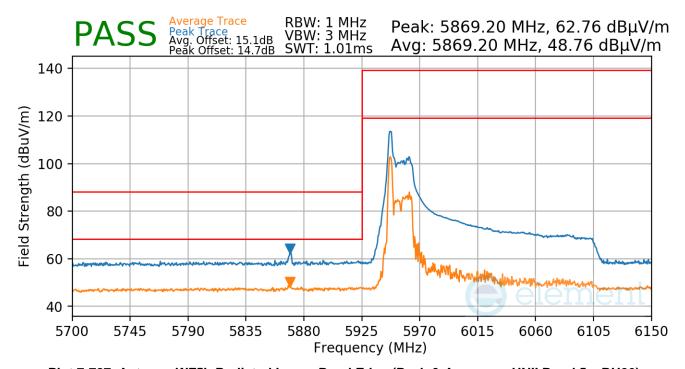
802.11ax

MCS11

3 Meters

6025MHz

15

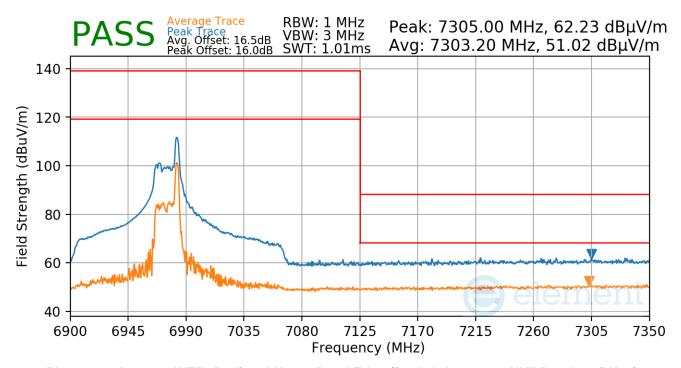


Plot 7-787. Antenna WF5b Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode: 802.11ax MCS11 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 6985MHz Channel: 207



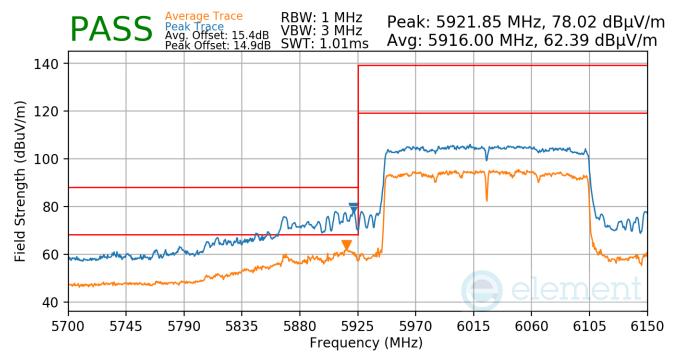
Plot 7-788. Antenna WF5b Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 293 of 323
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## RU996x2

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

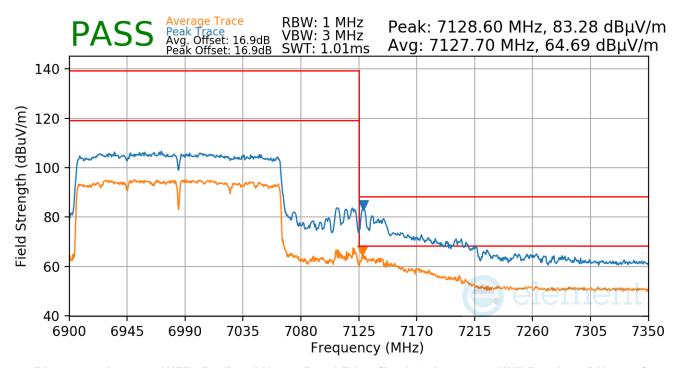


Plot 7-789. Antenna WF5b Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU996x2)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 204 of 222
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Worst Case Mode: 802.11ax MCS11 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 6985MHz Channel: 207



Plot 7-790. Antenna WF5b Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU996x2)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 295 of 323
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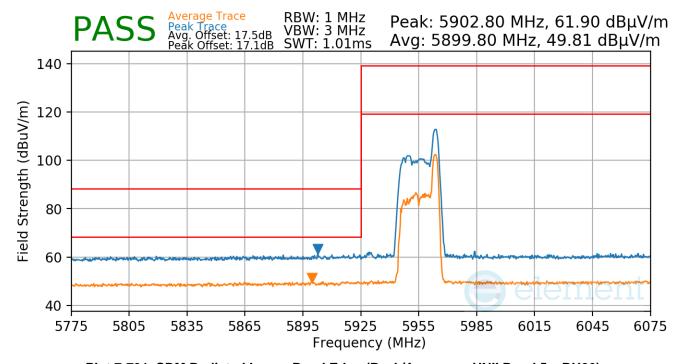
## 7.7.12 SDM Radiated Band Edge Measurements (20MHz BW)

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

## **RU26**

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
5955MHz
1



Plot 7-791. SDM Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU26)

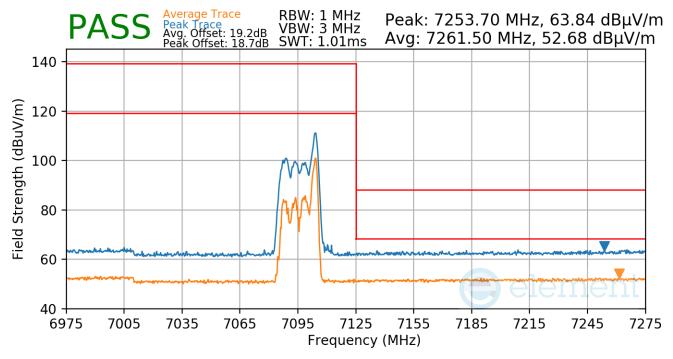
FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 206 of 222
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
7095MHz
229



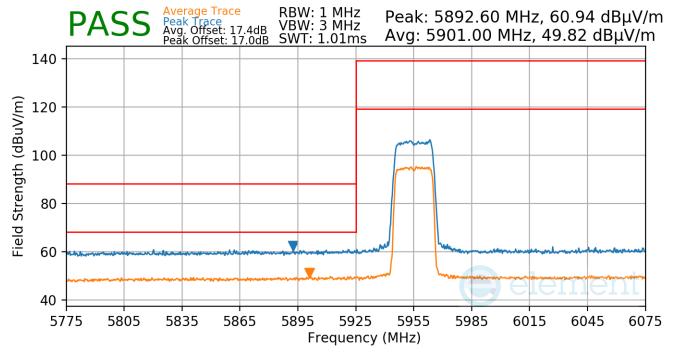
Plot 7-792. SDM Radiated Upper Band Edge (Peak/Average - UNII Band 8 - RU26)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 207 of 222
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### **RU242**

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



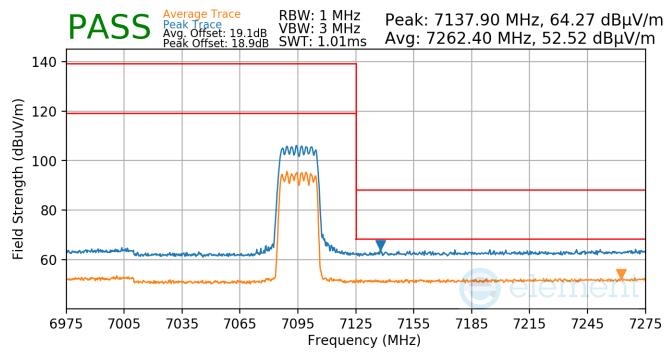
Plot 7-793. SDM Radiated Lower Band Edge (Peak/Average – UNII Band 5 – RU242)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 200 of 222
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
7095MHz
229



Plot 7-794. SDM Radiated Upper Band Edge (Peak/Average – UNII Band 8 – RU242)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## 7.7.13 SDM Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

## **RU26**

Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:
Channel:

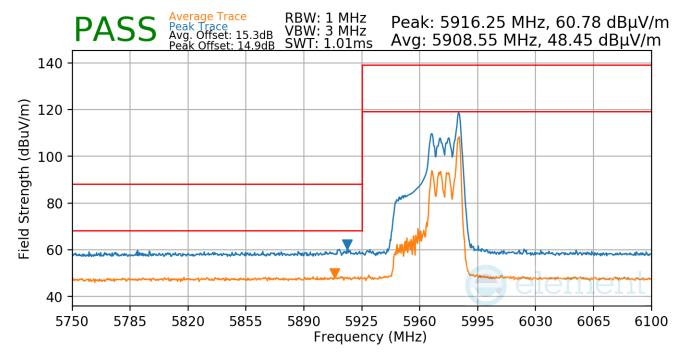
802.11ax

MCS11

3 Meters

5965MHz

3



Plot 7-795. SDM Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)

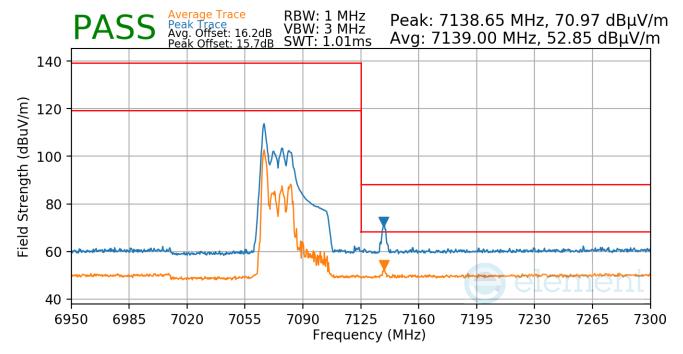
FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dago 200 of 222
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a
MCS11
3 Meter
7085MF

802.11ax
MCS11
3 Meters
7085MHz
227



Plot 7-796. SDM Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)

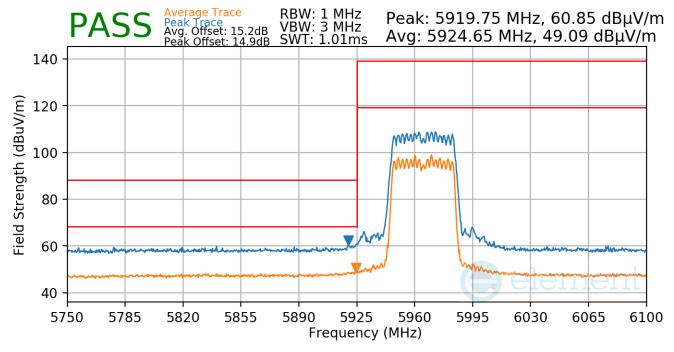
FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 301 of 323
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### **RU484**

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
5965MHz
3



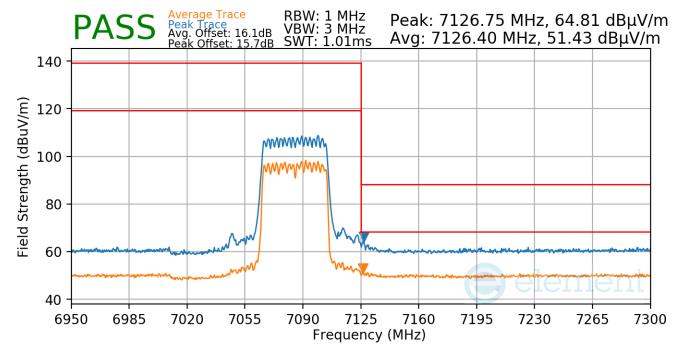
Plot 7-797. SDM Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU484)

FCC ID: BCGA2436 IC: 579C-A2436	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: Worst Case Transfer Rate: Distance of Measurements: Operating Frequency: Channel:

802.11ax
MCS11
3 Meters
7085MHz
227



Plot 7-798. SDM Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU484)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 303 of 323
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## 7.7.14 SDM Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

## **RU26**

Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:
Channel:

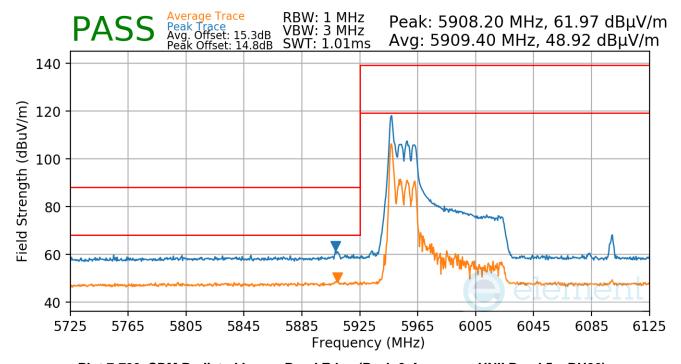
802.11ax

MCS11

3 Meters

5985MHz

7



Plot 7-799. SDM Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)

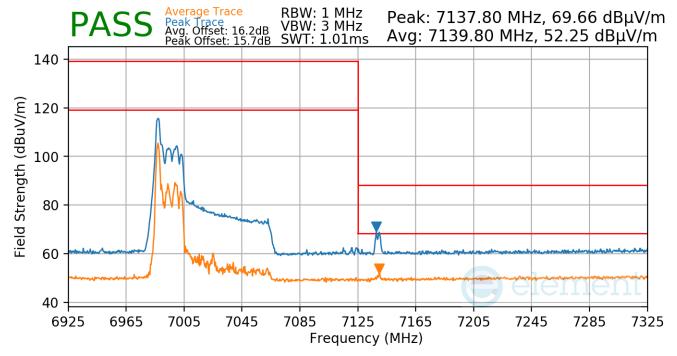
FCC ID: BCGA2436 IC: 579C-A2436	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 204 of 222
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
7025MHz
215



Plot 7-800. SDM Radiated Upper Band Edge (Peak & Average - UNII Band 8 - RU26)

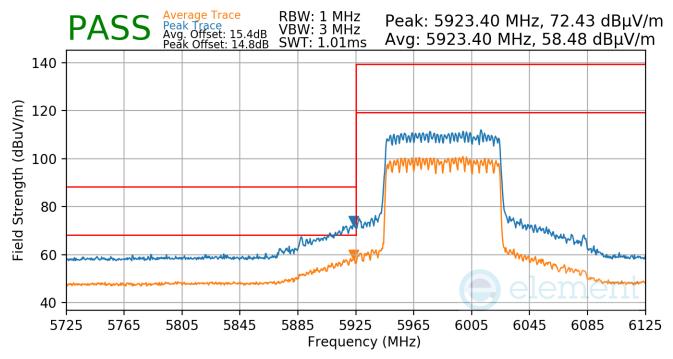
FCC ID: BCGA2436 IC: 579C-A2436	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Page 305 of 323
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### **RU996**

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
5985MHz
7



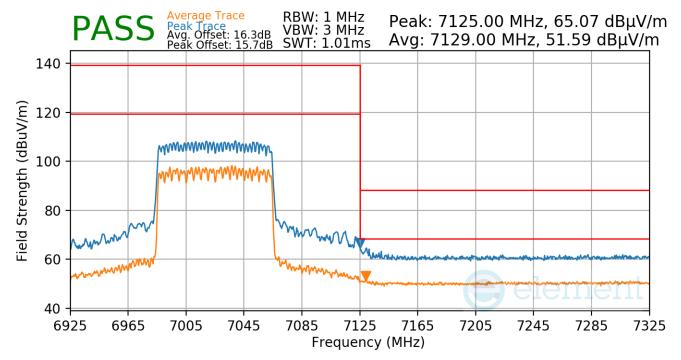
Plot 7-801. SDM Radiated Lower Band Edge (Peak & Average - UNII Band 5 - RU996)

FCC ID: BCGA2436 IC: 579C-A2436	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dags 206 of 222
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
7025MHz
215



Plot 7-802. SDM Radiated Upper Band Edge (Peak & Average - UNII Band 8 - RU996)

FCC ID: BCGA2436 IC: 579C-A2436	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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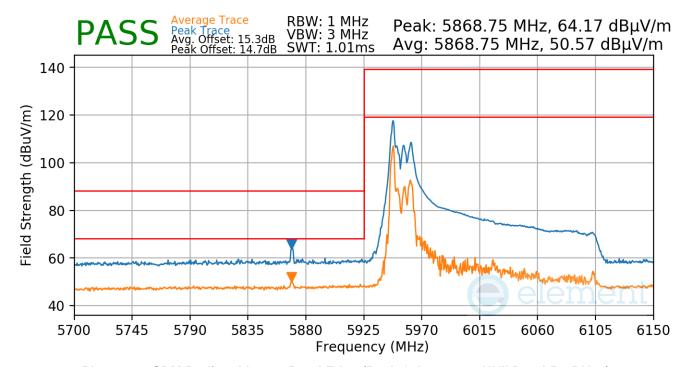


## 7.7.15 SDM Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

### **RU26**

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
6025MHz
15



Plot 7-803. SDM Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU26)

FCC ID: BCGA2436 IC: 579C-A2436	element	element MEASUREMENT REPORT (CERTIFICATION)	
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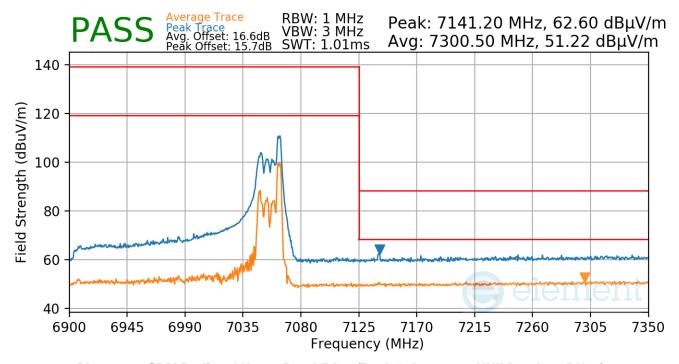
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
6985MHz
207



Plot 7-804. SDM Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU26)

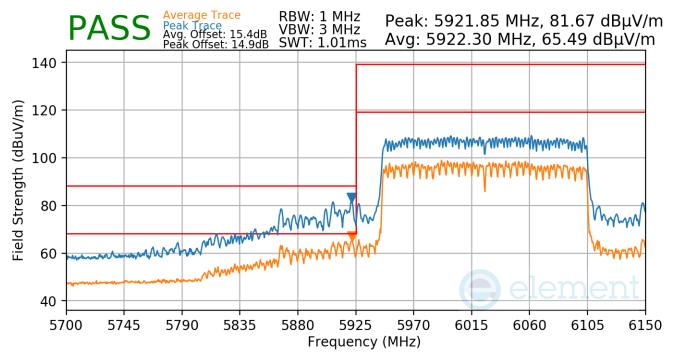
FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 200 of 222
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## RU996x2

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
6025MHz
15



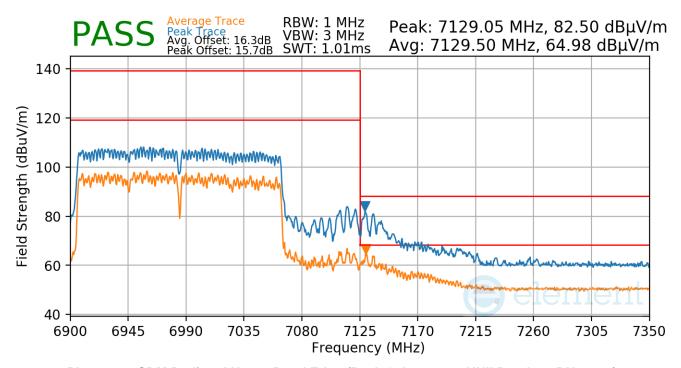
Plot 7-805. SDM Radiated Lower Band Edge (Peak & Average – UNII Band 5 – RU996x2)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
6985MHz
207



Plot 7-806. SDM Radiated Upper Band Edge (Peak & Average – UNII Band 8 – RU996x2)

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## 7.8 Radiated Spurious Emissions – Below 1GHz

§15.209; RSS-Gen [8.9]

#### **Test Overview and Limit**

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

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-124 per Section 15.209 and RSS-Gen (8.9).

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

Table 7-124. 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**

- 7. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 8. RBW = 120kHz (for emissions from 30MHz 1GHz)
- 9. VBW = 300kHz
- 10. Detector = quasi-peak
- 11. Sweep time = auto couple
- 12. Trace mode = max hold
- 13. Trace was allowed to stabilize

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## **Test Setup**

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

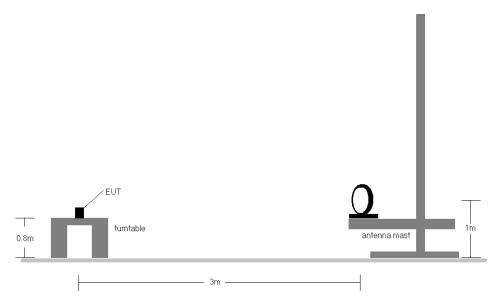


Figure 7-6. Radiated Test Setup < 30MHz

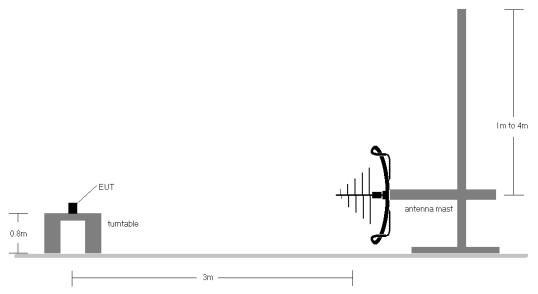


Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: BCGA2436 IC: 579C-A2436	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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 7-124.
- 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

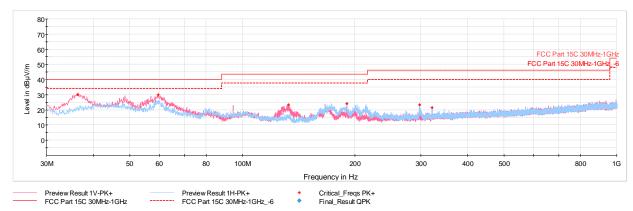
#### **Determining Spurious Emissions Levels**

- $\circ$  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 [dBμV/m] Limit [dBμV/m]

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



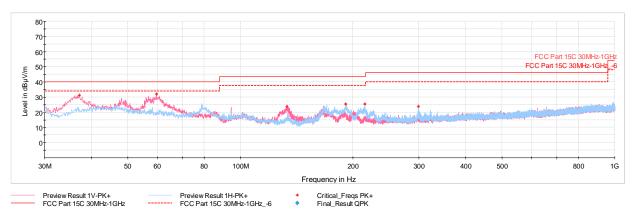
Plot 7-807. Radiated Spurious Emissions below 1GHz SDM (802.11ax - Ch.1 - RU26) with AC/DC Adapter

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
36.31	Max Peak	V	100	233	-58.38	-18.38	30.24	40.00	-9.76
59.59	Max Peak	V	100	15	-60.10	-16.84	30.06	40.00	-9.94
132.77	Max Peak	V	100	15	-62.75	-20.91	23.34	43.52	-20.18
190.24	Max Peak	Н	200	209	-64.37	-18.43	24.20	43.52	-19.32
297.57	Max Peak	Н	100	136	-68.18	-15.36	23.46	46.02	-22.56
321.05	Max Peak	Н	100	136	-70.84	-14.65	21.51	46.02	-24.51

Table 7-125. Radiated Limits Radiated Spurious Emissions below 1GHz SDM (802.11ax - Ch.1 - RU26) with AC/DC Adapter

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Plot 7-808. Radiated Spurious Emissions below 1GHz SDM (802.11ax - Ch.1 - RU242) with AC/DC Adapter

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
37.13	Max Peak	V	100	159	-57.60	-18.19	31.21	40.00	-8.79
59.68	Max Peak	V	100	321	-58.15	-16.86	31.99	40.00	-8.01
133.16	Max Peak	V	100	12	-62.28	-20.89	23.83	43.52	-19.69
191.02	Max Peak	Н	200	175	-63.25	-18.28	25.47	43.52	-18.05
214.88	Max Peak	Н	100	183	-63.61	-17.88	25.51	43.52	-18.01
298.64	Max Peak	Н	100	141	-67.74	-15.49	23.77	46.02	-22.25

Table 7-126. Radiated Spurious Emissions below 1GHz SDM (802.11ax - Ch.1 - RU242) with AC/DC Adapter

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

**Table 7-127. Conducted Limits** 

#### **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
- RBW = 9kHz (for emissions from 150kHz 30MHz)
- 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)
- Detector = RMS
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- 6. Trace was allowed to stabilize

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<sup>\*</sup>Decreases with the logarithm of the frequency.



#### **Test Setup**

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

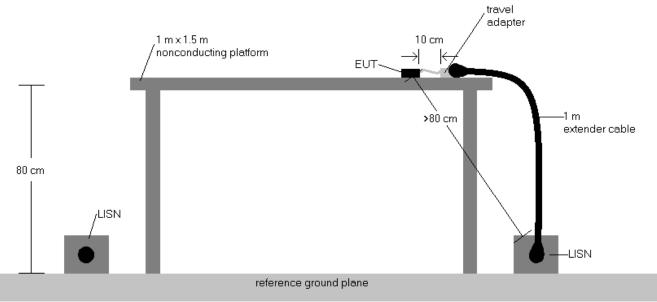


Figure 7-8. Test Instrument & Measurement Setup

#### **Test Notes**

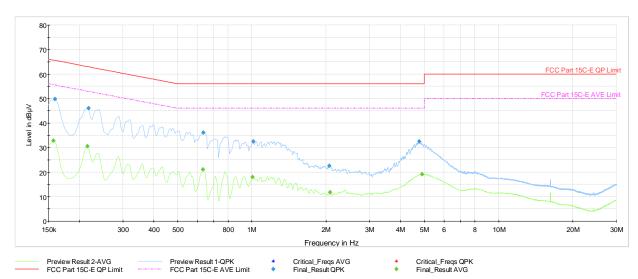
- 1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
- 2. Both configurations below were investigated, and the worst case has been reported.
  - a. EUT powered by AC/DC adaptor via 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. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
- 5. QP/AV Level (dB $\mu$ V) = QP/AV Analyzer/Receiver Level (dB $\mu$ V) + Correction Factor (dB)
- 6. Margin (dB) = QP/AV Level (dB $\mu$ V) QP/AV Limit (dB $\mu$ V)
- 7. Traces shown in plots are made using quasi-peak and average detectors.
- 8. Deviations to the Specifications: None.

thereof, please contact ct.info@element.com

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

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Plot 7-809. AC Line Conducted Plot with 11ax UNII Band 5 - RU26 - Ch.1 (L1) with AC/DC Adapter

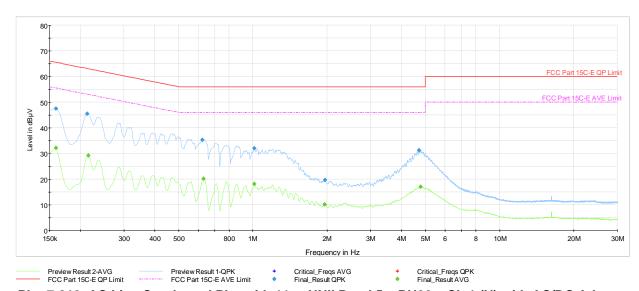
Frequency [MHz]	Process State	QuasiPea k [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.157	FINAL	_	32.89	55.63	-22.74	L1	GND
0.159	FINAL	49.8	_	65.52	-15.70	L1	GND
0.215	FINAL		30.55	53.00	-22.45	L1	GND
0.218	FINAL	46.0	-	62.91	-16.93	L1	GND
0.634	FINAL		21.04	46.00	-24.96	L1	GND
0.636	FINAL	36.0	-	56.00	-19.96	L1	GND
1.005	FINAL		18.00	46.00	-28.00	L1	GND
1.014	FINAL	32.5	-	56.00	-23.52	L1	GND
2.060	FINAL	22.5	-	56.00	-33.50	L1	GND
2.074	FINAL		11.70	46.00	-34.30	L1	GND
4.767	FINAL	32.5	_	56.00	-23.55	L1	GND
4.886	FINAL		19.07	46.00	-26.93	L1	GND

Table 7-128. AC Line Conducted Data with 11ax UNII Band 5 - RU26 - Ch.1 (L1) with AC/DC Adapter

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Plot 7-810. AC Line Conducted Plot with 11ax UNII Band 5 - RU26 - Ch.1 (N) with AC/DC Adapter

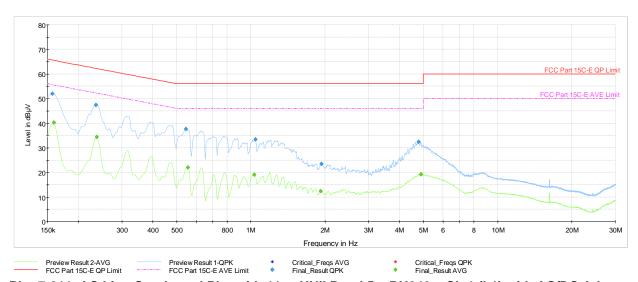
Frequency [MHz]	Process State	QuasiPea k [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.159	FINAL		32.17	55.52	-23.34	N	GND
0.159	FINAL	47.6	-	65.52	-17.97	N	GND
0.213	FINAL	45.4	_	63.09	-17.66	N	GND
0.215	FINAL	_	29.29	53.00	-23.71	N	GND
0.625	FINAL	35.3	-	56.00	-20.71	N	GND
0.632	FINAL	_	20.15	46.00	-25.85	N	GND
1.014	FINAL	32.0	_	56.00	-24.01	N	GND
1.014	FINAL	-	18.17	46.00	-27.83	N	GND
1.952	FINAL	-	10.14	46.00	-35.86	N	GND
1.964	FINAL	19.6		56.00	-36.36	N	GND
4.713	FINAL	31.3		56.00	-24.68	N	GND
4.790	FINAL		16.96	46.00	-29.04	N	GND

Table 7-129. AC Line Conducted Data with 11ax UNII Band 5 - RU26 - Ch.1 (N) with AC/DC Adapter

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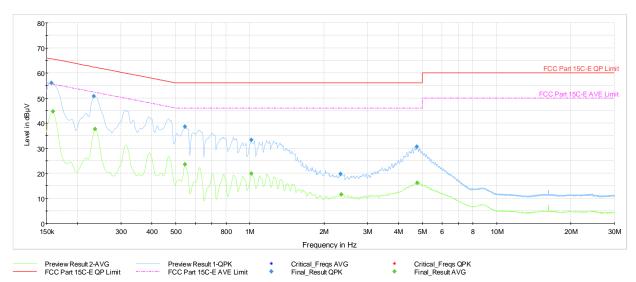
Plot 7-811. AC Line Conducted Plot with 11ax UNII Band 5 - RU242 - Ch.1 (L1) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPea k [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.157	FINAL	52.0		65.63	-13.61	L1	GND
0.159	FINAL	-	40.21	55.52	-15.31	L1	GND
0.236	FINAL	47.5	-	62.25	-14.77	L1	GND
0.238	FINAL	_	34.31	52.17	-17.87	L1	GND
0.546	FINAL	37.7	-	56.00	-18.31	L1	GND
0.555	FINAL	_	22.03	46.00	-23.97	L1	GND
1.034	FINAL	_	19.08	46.00	-26.92	L1	GND
1.043	FINAL	33.5	-	56.00	-22.55	L1	GND
1.919	FINAL	_	12.32	46.00	-33.68	L1	GND
1.930	FINAL	23.4		56.00	-32.57	L1	GND
4.781	FINAL	32.5		56.00	-23.52	L1	GND
4.891	FINAL		19.24	46.00	-26.76	L1	GND

Table 7-130. AC Line Conducted Data with 11ax UNII Band 5 - RU242 - Ch.1 (L1) with AC/DC Adapter

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Plot 7-812. AC Line Conducted Plot with 11ax UNII Band 5 - RU242 - Ch.1 (N) with AC/DC Adapter

Frequency [MHz]	Process State	QuasiPea k [dBμV]	Average [dBμV]	Limit [dB <sub>µ</sub> V]	Margin [dB]	Line	PE
0.157	FINAL	55.9		65.63	-9.71	N	GND
0.159	FINAL	-	44.63	55.52	-10.89	N	GND
0.233	FINAL	50.8	-	62.33	-11.59	N	GND
0.236	FINAL	_	37.56	52.25	-14.69	N	GND
0.546	FINAL	_	23.47	46.00	-22.53	N	GND
0.546	FINAL	38.5	-	56.00	-17.46	N	GND
1.012	FINAL	33.3	-	56.00	-22.67	N	GND
1.012	FINAL	_	19.80	46.00	-26.20	N	GND
2.330	FINAL	19.7	-	56.00	-36.30	N	GND
2.351	FINAL	_	11.59	46.00	-34.41	N	GND
4.754	FINAL	30.5		56.00	-25.51	N	GND
4.765	FINAL		16.16	46.00	-29.84	N	GND

Table 7-131. AC Line Conducted Data with 11ax UNII Band 5 - RU242 - Ch.1 (N) with AC/DC Adapter

FCC ID: BCGA2436 IC: 579C-A2436	element	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: BCGA2436** and **IC: 579C-A2436** 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.

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