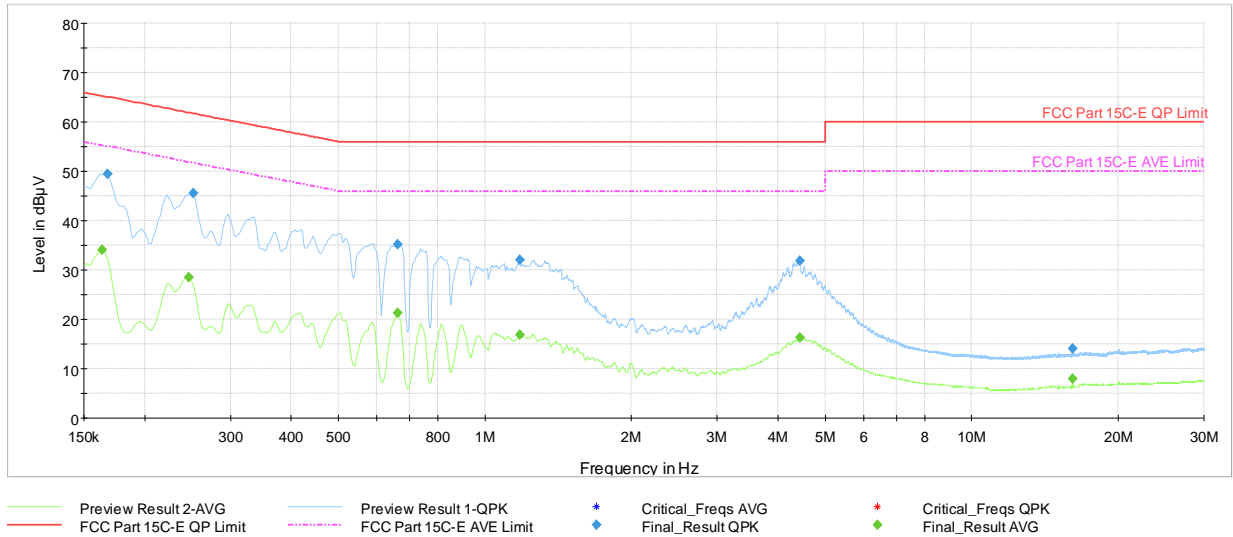


**Plot 7-1813. AC Line Conducted Plot with SDM Primary 11ax UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC Adapter**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	—	34.76	55.17	-20.41	L1	GND
0.168	FINAL	46.0	—	65.06	-19.02	L1	GND
0.249	FINAL	—	30.58	51.79	-21.21	L1	GND
0.251	FINAL	43.7	—	61.72	-17.98	L1	GND
0.652	FINAL	37.3	—	56.00	-18.68	L1	GND
0.654	FINAL	—	21.99	46.00	-24.01	L1	GND
1.088	FINAL	—	18.30	46.00	-27.70	L1	GND
1.095	FINAL	34.4	—	56.00	-21.58	L1	GND
4.295	FINAL	33.1	—	56.00	-22.88	L1	GND
4.297	FINAL	—	18.80	46.00	-27.20	L1	GND
16.118	FINAL	—	13.69	50.00	-36.31	L1	GND
16.118	FINAL	19.5	—	60.00	-40.53	L1	GND

**Table 7-285. AC Line Conducted Data with SDM Primary 11ax UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC Adapter**

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 593 of 607

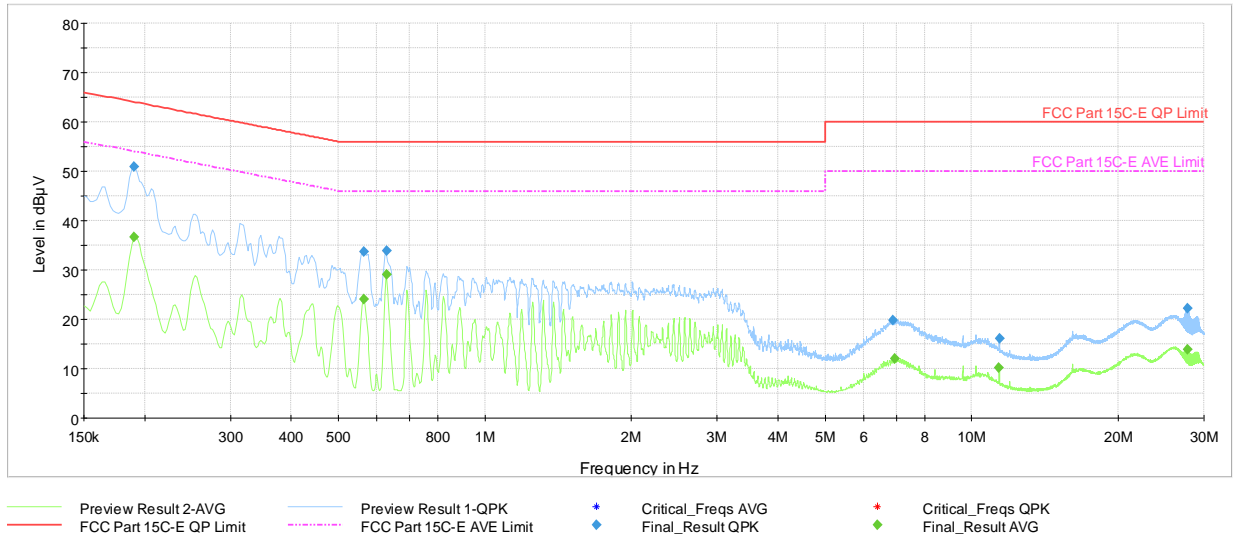


**Plot 7-1814. AC Line Conducted Plot with SDM Primary 11ax UNII Band 5 – RU26 – Ch.1 (N) with AC/DC Adapter**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.164	FINAL	—	34.05	55.28	-21.23	N	GND
0.168	FINAL	49.4	—	65.06	-15.68	N	GND
0.247	FINAL	—	28.45	51.87	-23.42	N	GND
0.251	FINAL	45.5	—	61.72	-16.23	N	GND
0.663	FINAL	—	21.22	46.00	-24.78	N	GND
0.663	FINAL	35.2	—	56.00	-20.81	N	GND
1.178	FINAL	—	16.88	46.00	-29.12	N	GND
1.181	FINAL	32.1	—	56.00	-23.89	N	GND
4.427	FINAL	31.9	—	56.00	-24.15	N	GND
4.427	FINAL	—	16.34	46.00	-29.66	N	GND
16.109	FINAL	—	7.95	50.00	-42.05	N	GND
16.109	FINAL	14.0	—	60.00	-45.97	N	GND

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

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 594 of 607

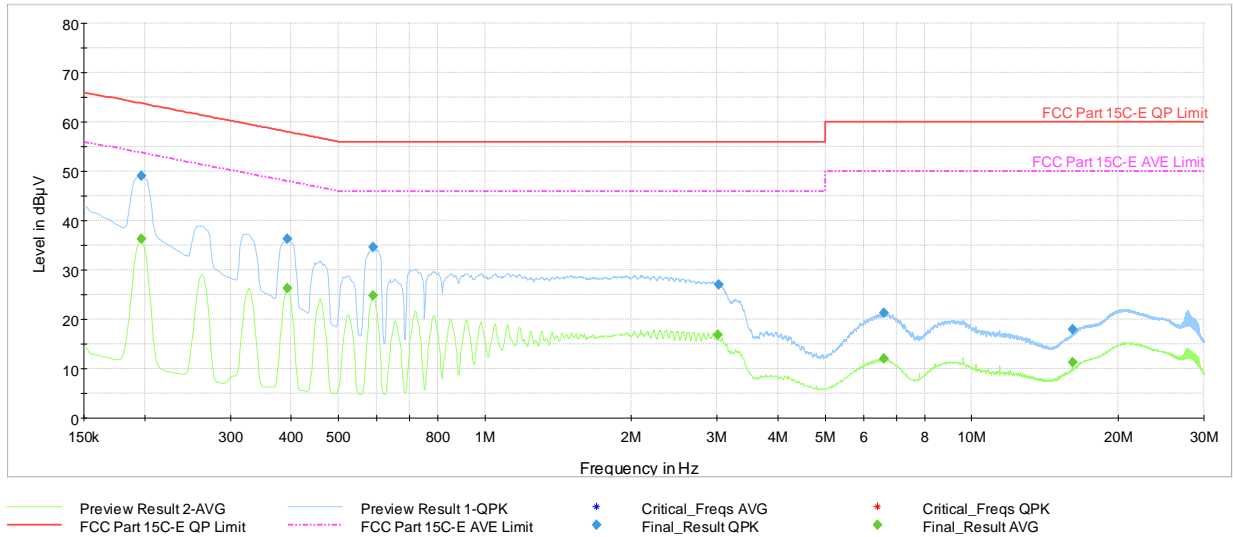


**Plot 7-1815. AC Line Conducted Plot with SDM Primary 11ax UNII Band 5 – RU242 – Ch.1 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.191	FINAL	—	36.75	54.02	-17.26	L1	GND
0.191	FINAL	50.9	—	64.02	-13.11	L1	GND
0.564	FINAL	—	24.05	46.00	-21.95	L1	GND
0.564	FINAL	33.8	—	56.00	-22.23	L1	GND
0.627	FINAL	—	29.00	46.00	-17.00	L1	GND
0.627	FINAL	33.8	—	56.00	-22.16	L1	GND
6.875	FINAL	19.7	—	60.00	-40.27	L1	GND
6.952	FINAL	—	11.96	50.00	-38.04	L1	GND
11.387	FINAL	—	10.12	50.00	-39.88	L1	GND
11.389	FINAL	16.1	—	60.00	-43.95	L1	GND
27.805	FINAL	—	13.94	50.00	-36.06	L1	GND
27.805	FINAL	22.2	—	60.00	-37.82	L1	GND

**Table 7-287. AC Line Conducted Data with SDM Primary 11ax UNII Band 5 – RU242 – Ch.1 (L1) with Laptop**

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 595 of 607

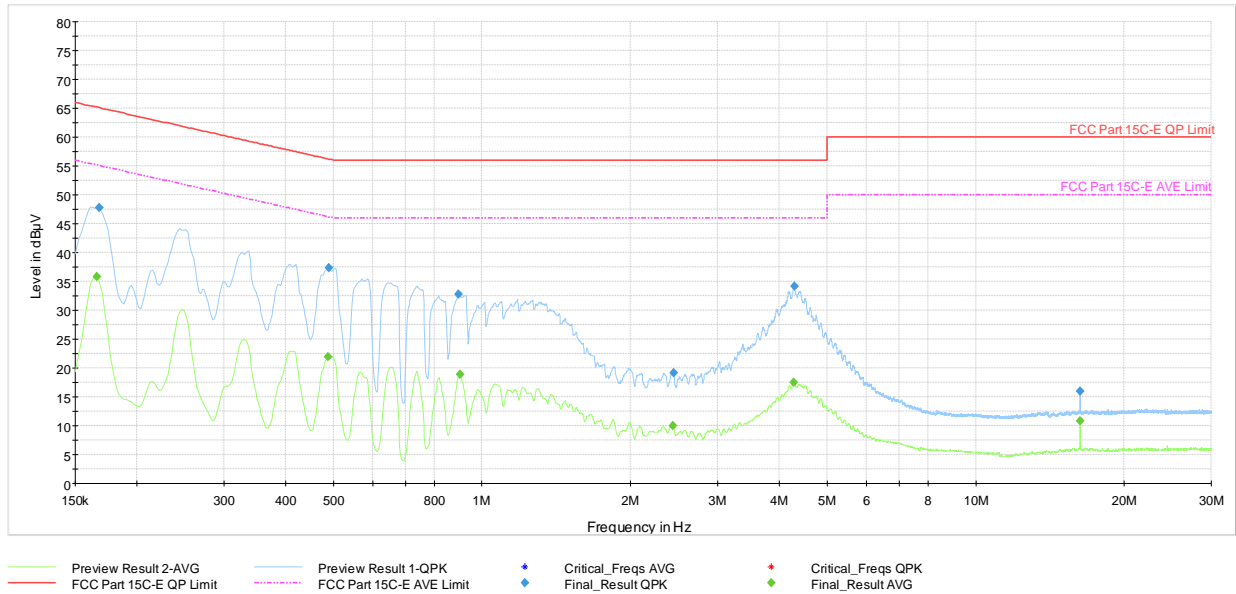


**Plot 7-1816. AC Line Conducted Plot with SDM Primary 11ax UNII Band 5 – RU242 – Ch.1 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.197	FINAL	—	36.32	53.73	-17.41	N	GND
0.197	FINAL	49.1	—	63.73	-14.63	N	GND
0.393	FINAL	—	26.35	48.00	-21.65	N	GND
0.393	FINAL	36.4	—	58.00	-21.64	N	GND
0.589	FINAL	34.6	—	56.00	-21.44	N	GND
0.589	FINAL	—	24.75	46.00	-21.25	N	GND
3.005	FINAL	—	16.77	46.00	-29.23	N	GND
3.017	FINAL	27.0	—	56.00	-29.00	N	GND
6.596	FINAL	—	12.05	50.00	-37.95	N	GND
6.608	FINAL	21.2	—	60.00	-38.79	N	GND
16.087	FINAL	—	11.38	50.00	-38.62	N	GND
16.087	FINAL	17.9	—	60.00	-42.13	N	GND

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

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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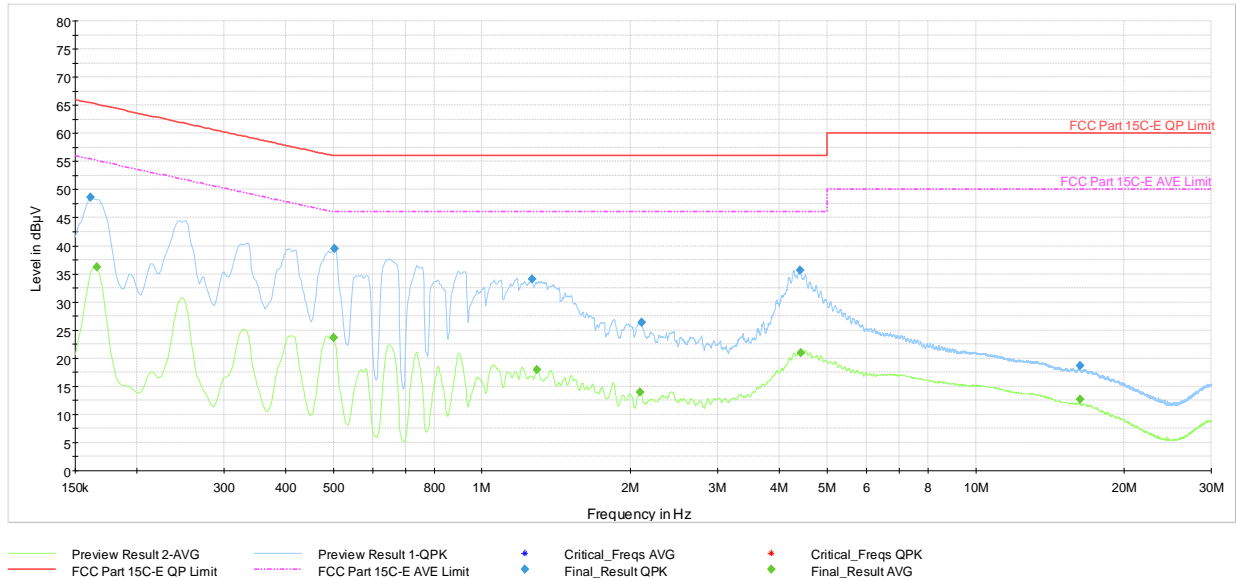


**Plot 7-1817. AC Line Conducted Plot with SDM Diversity 11ax UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC Adapter**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	—	35.83	55.17	-19.34	L1	GND
0.168	FINAL	47.7	—	65.06	-17.34	L1	GND
0.488	FINAL	—	21.94	46.21	-24.27	L1	GND
0.490	FINAL	37.3	—	56.17	-18.85	L1	GND
0.897	FINAL	32.8	—	56.00	-23.24	L1	GND
0.902	FINAL	—	18.82	46.00	-27.18	L1	GND
2.432	FINAL	—	10.06	46.00	-35.94	L1	GND
2.443	FINAL	19.2	—	56.00	-36.80	L1	GND
4.279	FINAL	—	17.51	46.00	-28.49	L1	GND
4.292	FINAL	34.1	—	56.00	-21.90	L1	GND
16.274	FINAL	—	10.90	50.00	-39.10	L1	GND
16.274	FINAL	16.0	—	60.00	-43.99	L1	GND

**Table 7-289. AC Line Conducted Data with SDM Diversity 11ax UNII Band 5 – RU26 – Ch.1 (L1) with AC/DC Adapter**

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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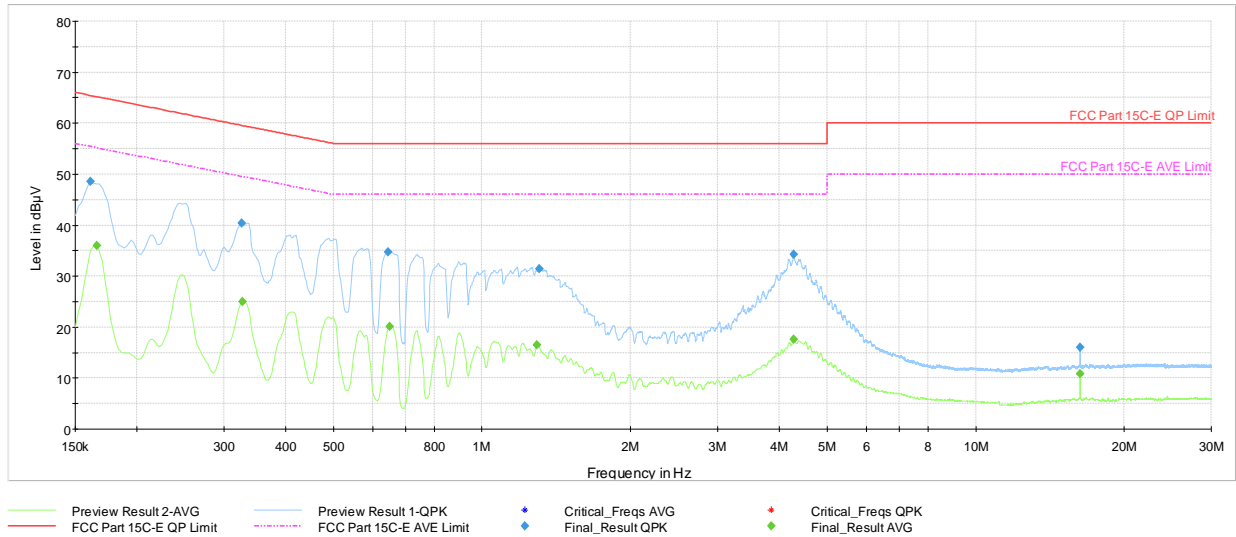


**Plot 7-1818. AC Line Conducted Plot with SDM Diversity 11ax UNII Band 5 – RU26 – Ch.1 (N) with AC/DC Adapter**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.161	FINAL	48.6	—	65.40	-16.80	N	GND
0.166	FINAL	—	36.18	55.17	-18.99	N	GND
0.501	FINAL	—	23.68	46.00	-22.32	N	GND
0.503	FINAL	39.5	—	56.00	-16.55	N	GND
1.264	FINAL	34.1	—	56.00	-21.92	N	GND
1.291	FINAL	—	17.99	46.00	-28.01	N	GND
2.092	FINAL	—	13.97	46.00	-32.03	N	GND
2.108	FINAL	26.3	—	56.00	-29.67	N	GND
4.407	FINAL	35.6	—	56.00	-20.36	N	GND
4.427	FINAL	—	21.03	46.00	-24.97	N	GND
16.278	FINAL	—	12.72	50.00	-37.28	N	GND
16.278	FINAL	18.7	—	60.00	-41.29	N	GND

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

<b>FCC ID:</b> BCGA2899 <b>IC:</b> 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270066-27-R3.BCG	<b>Test Dates:</b> 11/29/2023 - 04/05/2024	<b>EUT Type:</b> Tablet Device	Page 598 of 607

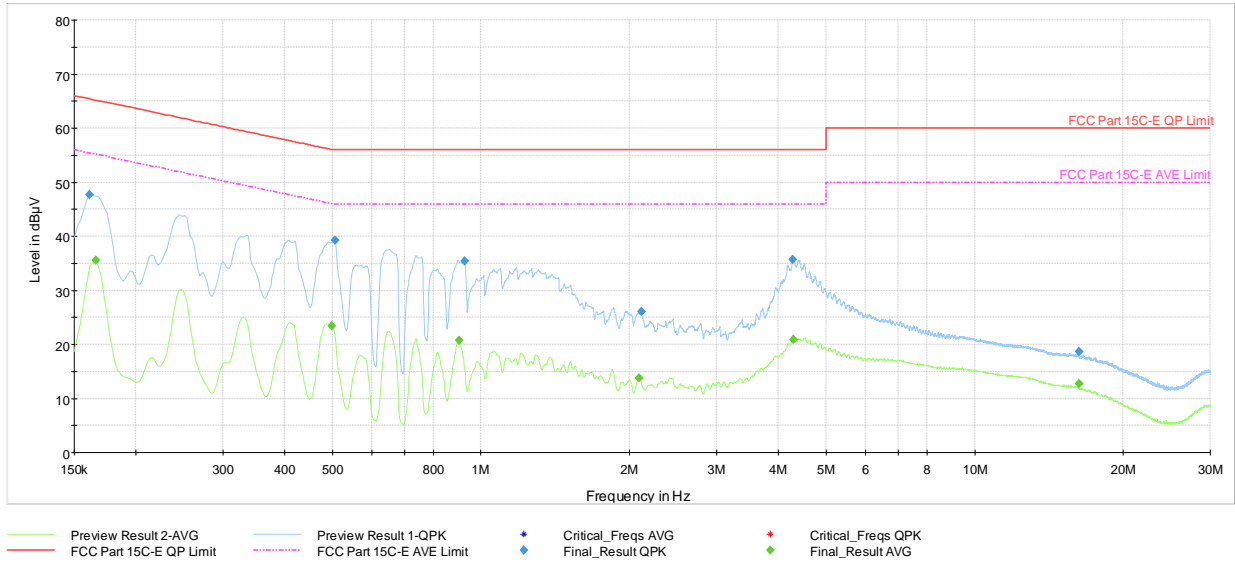


**Plot 7-1819. AC Line Conducted Plot with SDM Diversity 11ax UNII Band 5 – RU242 – Ch.1 (L1) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.161	FINAL	48.5	—	65.40	-16.91	L1	GND
0.166	FINAL	—	35.99	55.17	-19.18	L1	GND
0.326	FINAL	40.3	—	59.57	-19.24	L1	GND
0.328	FINAL	—	24.92	49.51	-24.59	L1	GND
0.645	FINAL	34.8	—	56.00	-21.19	L1	GND
0.650	FINAL	—	20.06	46.00	-25.94	L1	GND
1.291	FINAL	—	16.46	46.00	-29.54	L1	GND
1.307	FINAL	31.5	—	56.00	-24.52	L1	GND
4.274	FINAL	—	17.60	46.00	-28.40	L1	GND
4.281	FINAL	34.3	—	56.00	-21.74	L1	GND
16.276	FINAL	—	10.92	50.00	-39.08	L1	GND
16.276	FINAL	16.0	—	60.00	-43.99	L1	GND

**Table 7-291. AC Line Conducted Data with SDM Diversity 11ax UNII Band 5 – RU242 – Ch.1 (L1) with Laptop**

<b>FCC ID:</b> BCGA2899 <b>IC:</b> 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
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**Plot 7-1820. AC Line Conducted Plot with SDM Diversity 11x UNII Band 5 – RU242 – Ch.1 (N) with Laptop**

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.161	FINAL	47.7	—	65.40	-17.68	N	GND
0.166	FINAL	—	35.53	55.17	-19.64	N	GND
0.499	FINAL	—	23.36	46.02	-22.66	N	GND
0.506	FINAL	39.3	—	56.00	-16.69	N	GND
0.902	FINAL	—	20.81	46.00	-25.19	N	GND
0.926	FINAL	35.5	—	56.00	-20.52	N	GND
2.092	FINAL	—	13.84	46.00	-32.16	N	GND
2.110	FINAL	26.0	—	56.00	-29.97	N	GND
4.286	FINAL	35.8	—	56.00	-20.24	N	GND
4.297	FINAL	—	20.93	46.00	-25.07	N	GND
16.283	FINAL	—	12.68	50.00	-37.32	N	GND
16.283	FINAL	18.7	—	60.00	-41.35	N	GND

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

FCC ID: BCGA2899 IC: 579C-A2899		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.

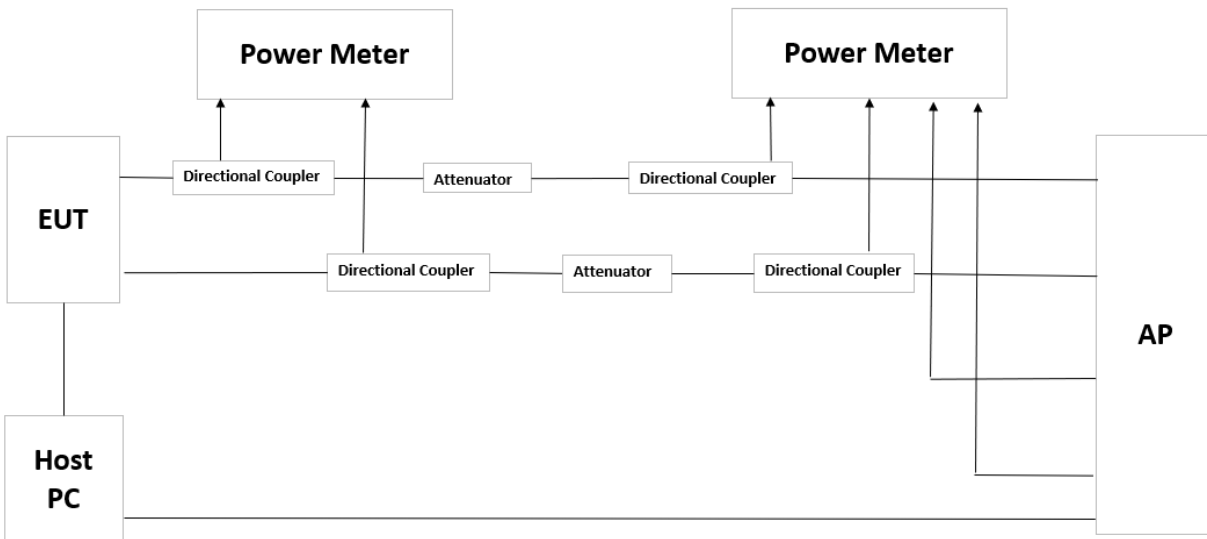


Figure 7-8. Test Instrument & Measurement Setup

### Test Notes

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

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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	19.75	19.86	19.72	19.37	25.7	6.02	31.72

**Table 7-293: AP measured e.i.r.p**

Channel	Frequency (MHz)	Power Measured (dBm)			Correlated Gain (dBi)	Measured e.i.r.p (dBm)
		Antenna 5T	Antenna 3b	Summed		
5	5975	14.09	9.44	15.37	3.0	18.37

**Table 7-294: EUT measured e.i.r.p (MIMO)**

<b>FCC ID:</b> BCGA2899 <b>IC:</b> 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270066-27-R3.BCG	<b>Test Dates:</b> 11/29/2023 - 04/05/2024	<b>EUT Type:</b> Tablet Device	Page 602 of 607

## 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	19.96	19.54	19.30	25.62	0	25.62

**Table 7-295: AP measured e.i.r.p**

Channel	Frequency (MHz)	Power Measured (dBm)			Correlated Gain (dBi)	Measured e.i.r.p (dBm)
		Antenna 5T	Antenna 3b	Summed		
5	5975	13.18	9.39	14.7	3.0	17.7

**Table 7-296: EUT measured e.i.r.p (MIMO)**

<b>FCC ID:</b> BCGA2899 <b>IC:</b> 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270066-27-R3.BCG	<b>Test Dates:</b> 11/29/2023 - 04/05/2024	<b>EUT Type:</b> Tablet Device	Page 603 of 607

## 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	12.87	12.76	13.18	12.29	18.81	0	18.81

**Table 7-297: AP measured e.i.r.p**

Antenna	Channel	Frequency (MHz)	Power Measured (dBm)	Antenna Gain (dBi)	Measured e.i.r.p (dBm)
5T	5	5975	11.06	3.0	14.06
3b	5	5975	9.4	-0.2	9.2

**Table 7-298: EUT measured e.i.r.p (SISO)**

<b>FCC ID:</b> BCGA2899 <b>IC:</b> 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
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## 7.11 Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP §15.407

### 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.

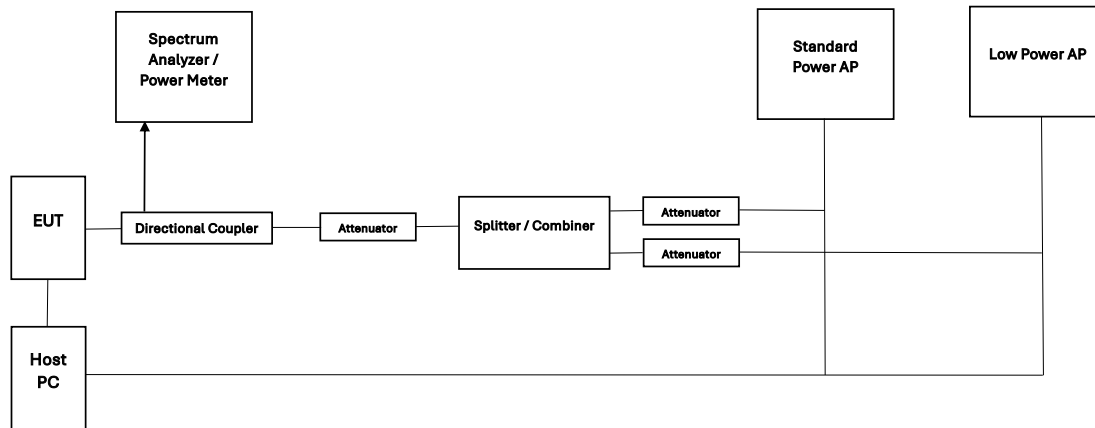


Figure 7-9. Test Instrument & Measurement Setup

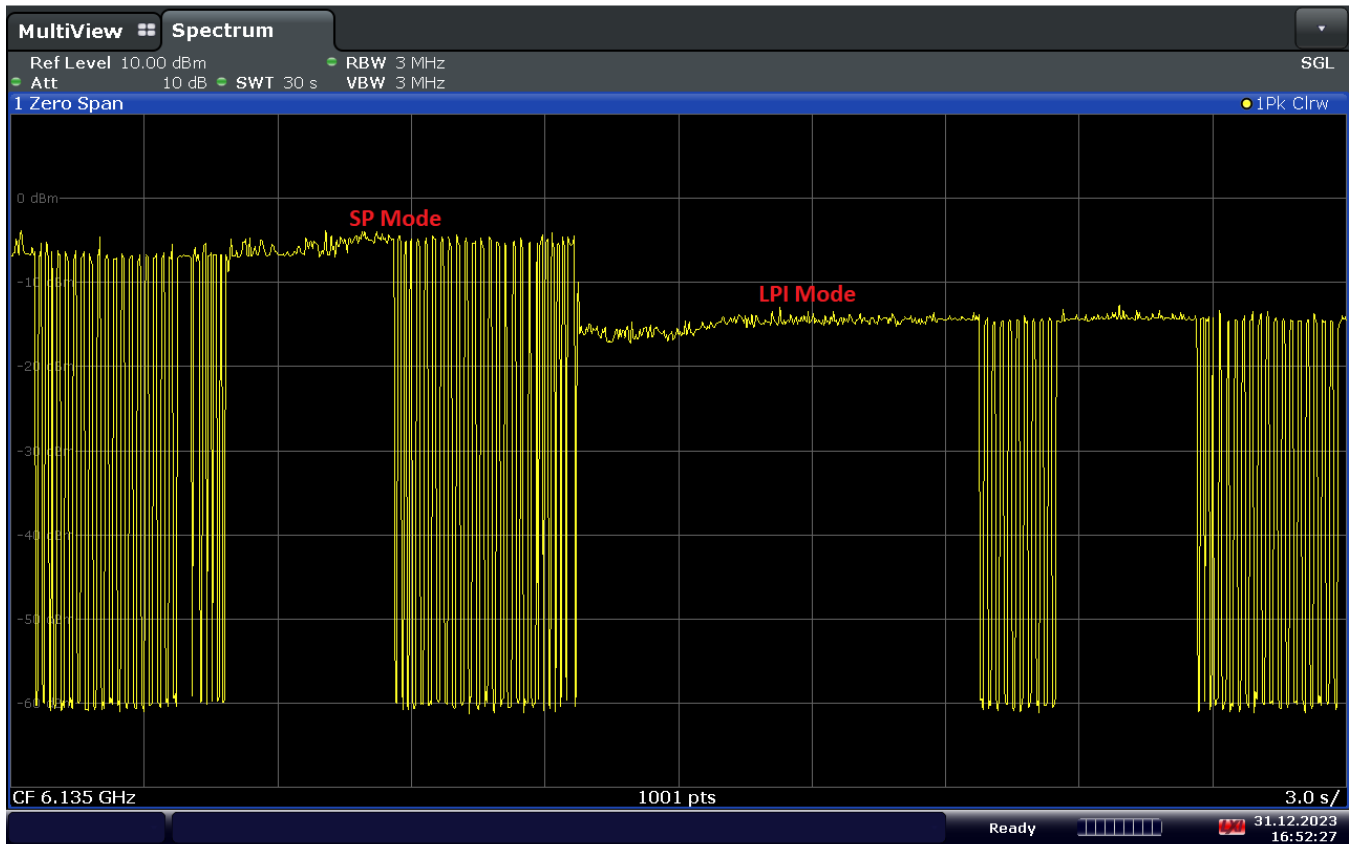
### Test Notes

1. Standard Power AP was set on highest power setting (36dBm EIRP)
2. Standard Power AP and Low Power Indoor AP were configured to transmit on same channel.
3. DUT was configured for SISO transmission so Antenna 5T was measured.

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Plot 7-1821. 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	19.39	19.54	19.61	19.38	25.5	6.02	31.52

Table 7-299: 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)
5T	37	6135	11.19	3.0	14.19

Table 7-300: 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)
5T	37	6135	5.16	3.0	8.16

Table 7-301: EUT measured e.i.r.p when established with Low Power Indoor AP

FCC ID: BCGA2899 IC: 579C-A2899		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: BCGA2899** and **IC: 579C-A2899** 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> BCGA2899 <b>IC:</b> 579C-A2899	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270066-27-R3.BCG	<b>Test Dates:</b> 11/29/2023 - 04/05/2024	<b>EUT Type:</b> Tablet Device