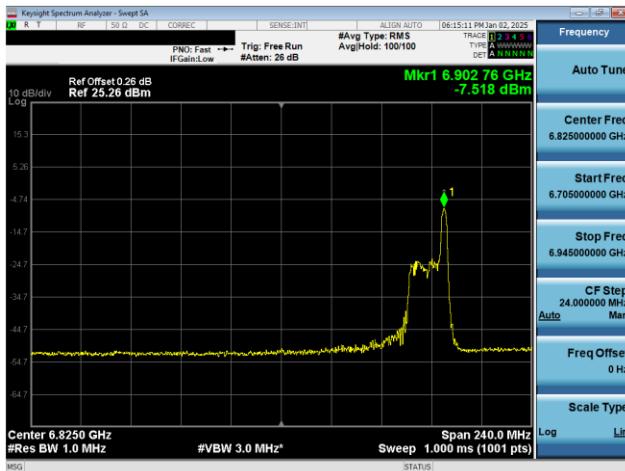
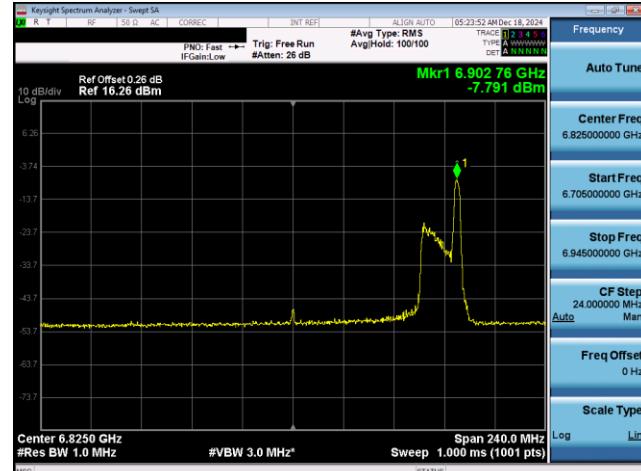


FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 258 of 594

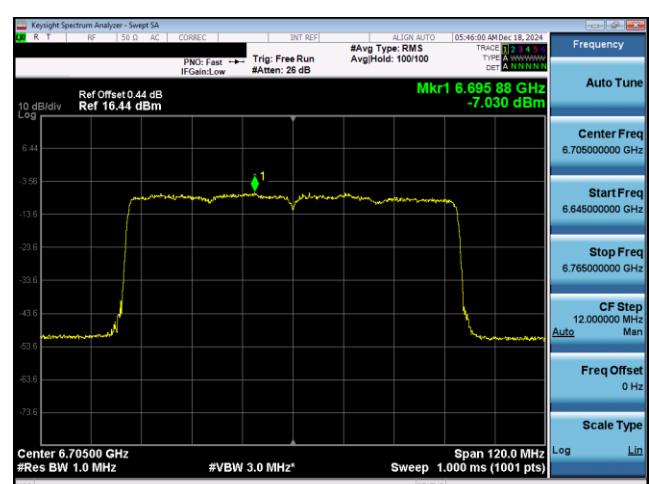
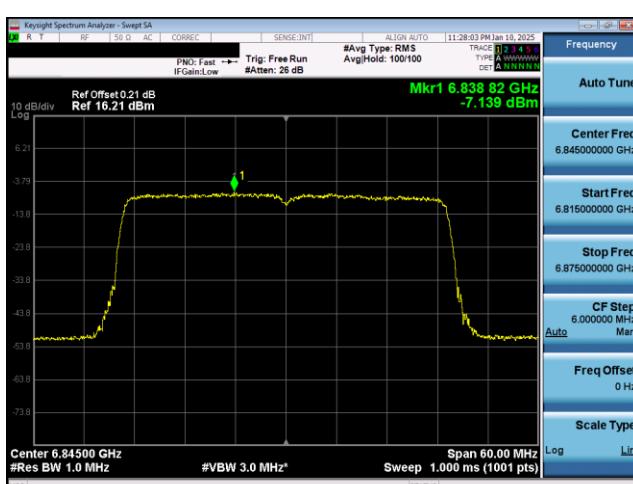
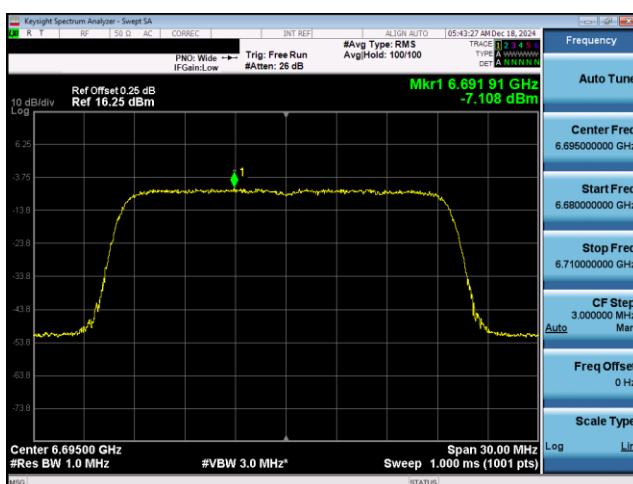
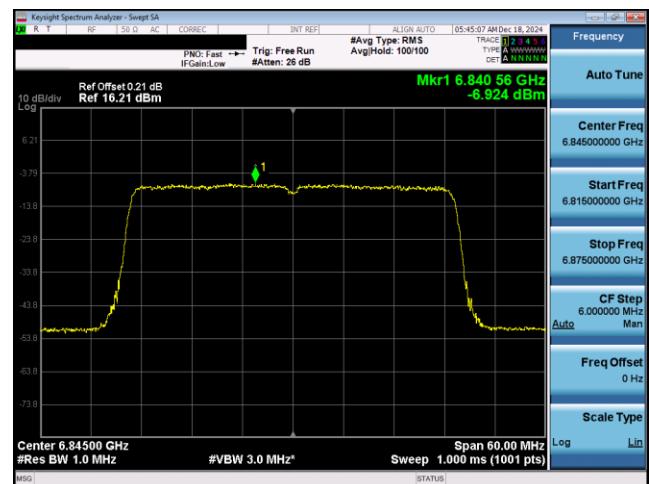
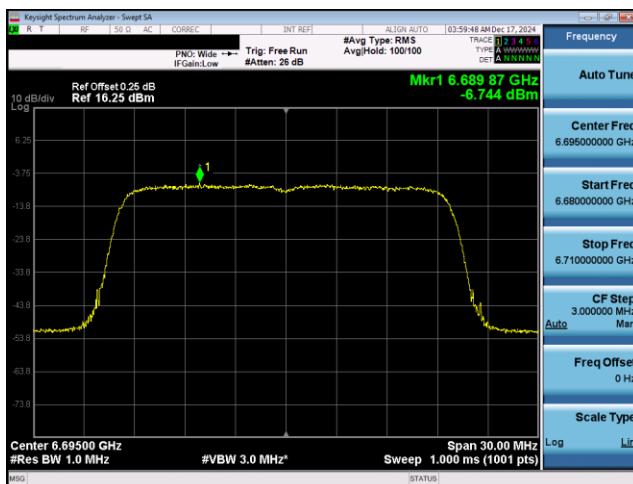


Plot 7-535. PSD Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 175)

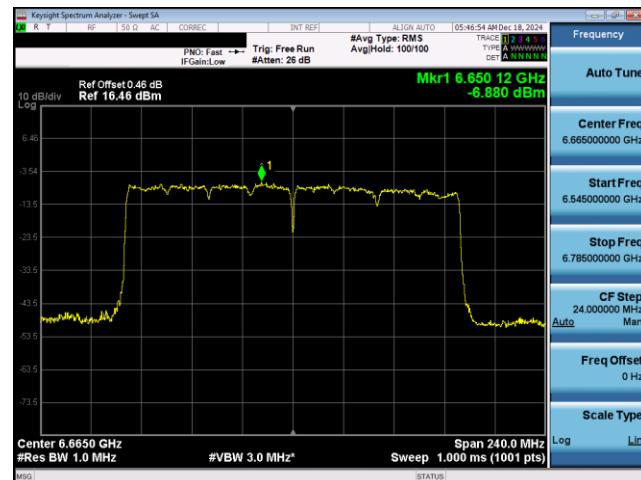
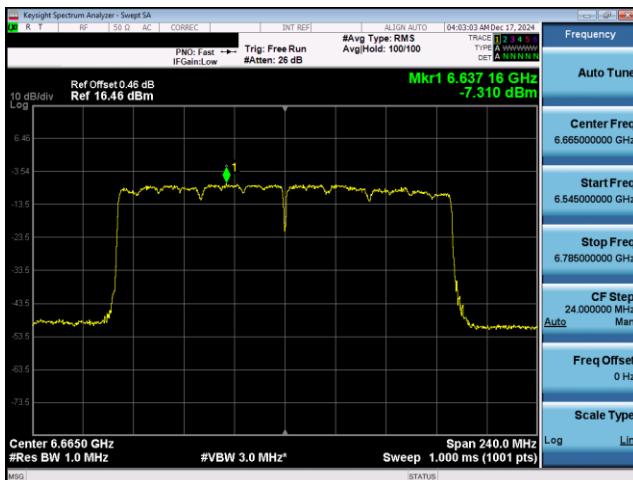


Plot 7-536. PSD Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 175)

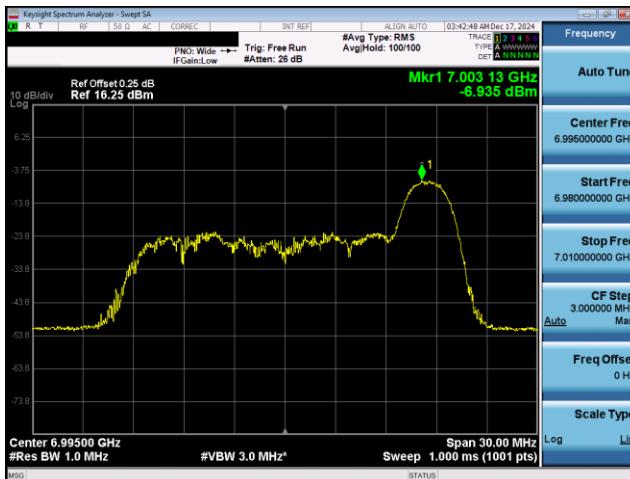
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 259 of 594



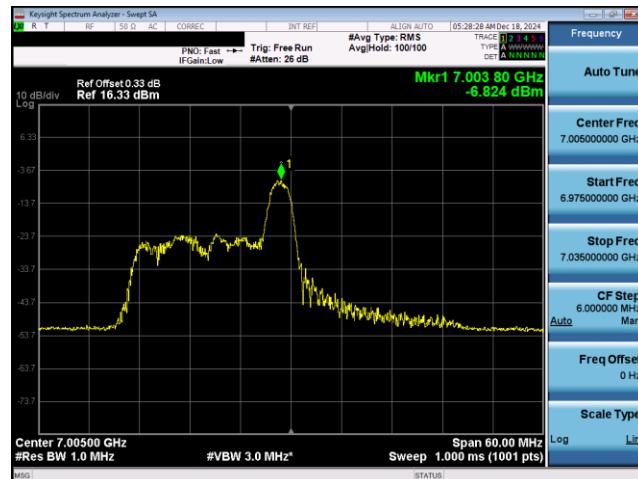
FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 260 of 594



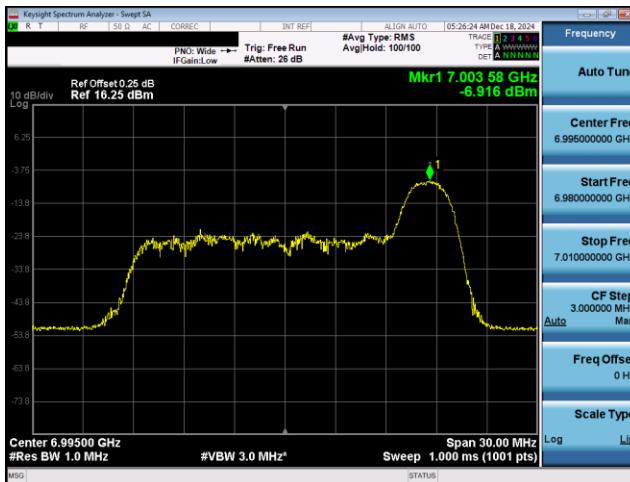
FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 261 of 594



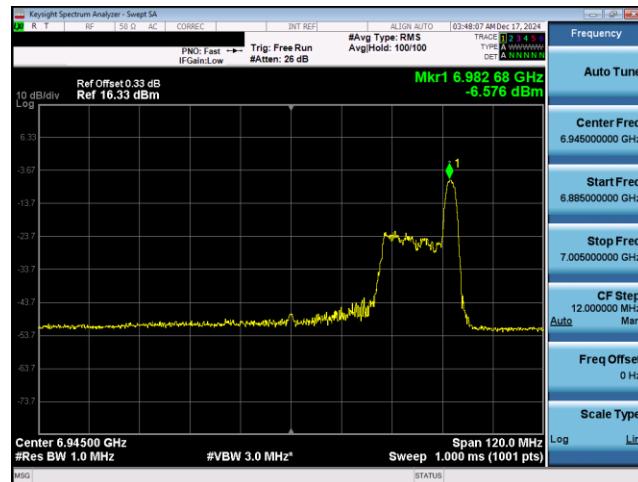
Plot 7-545. PSD Plot SDM Diversity Antenna 3c (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



Plot 7-548. PSD Plot SDM Diversity Antenna 1b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



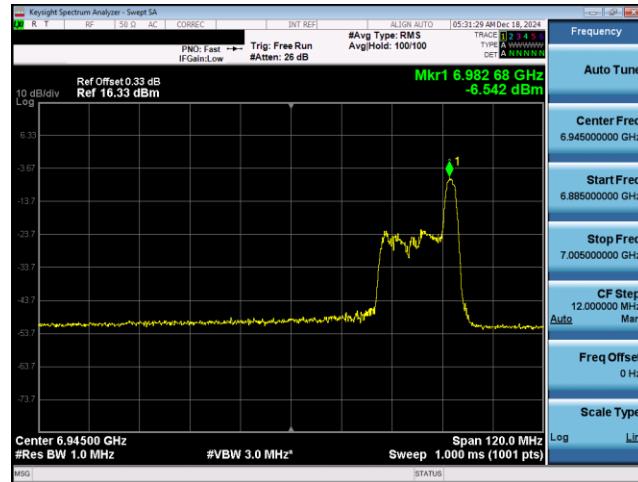
Plot 7-546. PSD Plot SDM Diversity Antenna 1b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



Plot 7-549. PSD Plot SDM Diversity Antenna 3c (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

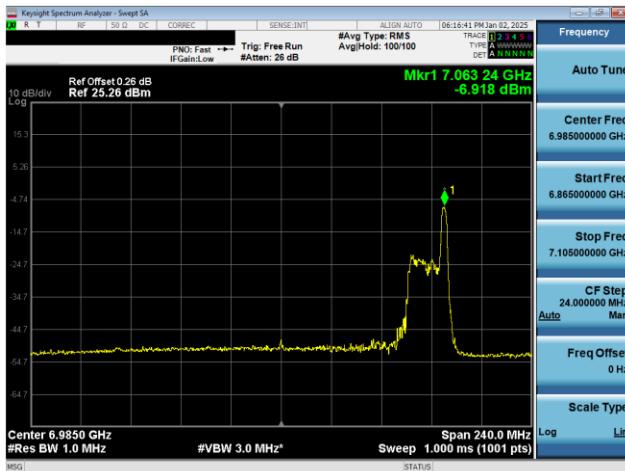


Plot 7-547. PSD Plot SDM Diversity Antenna 3c (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

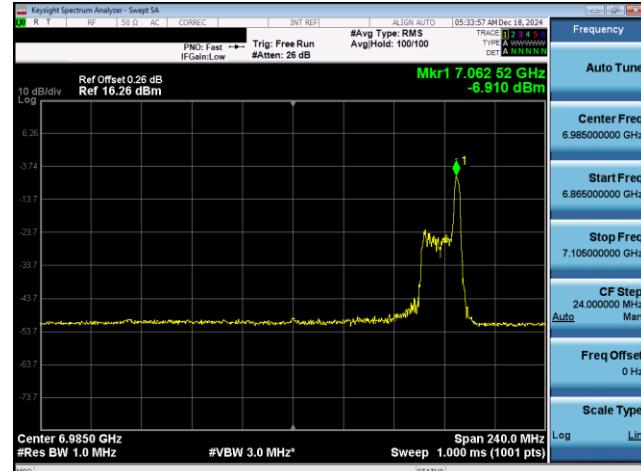


Plot 7-550. PSD Plot SDM Diversity Antenna 1b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 262 of 594

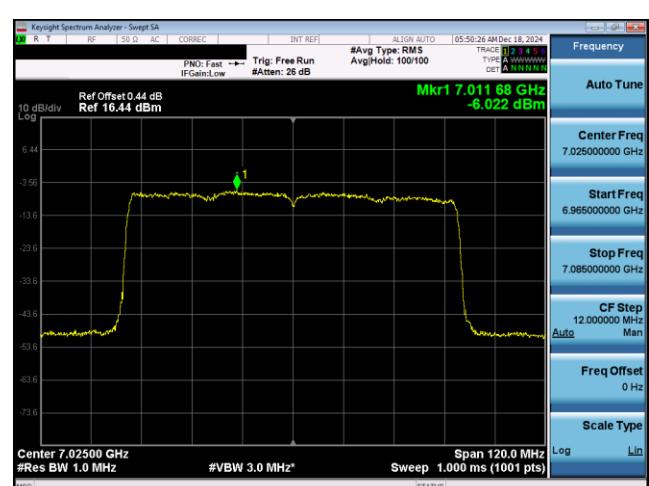
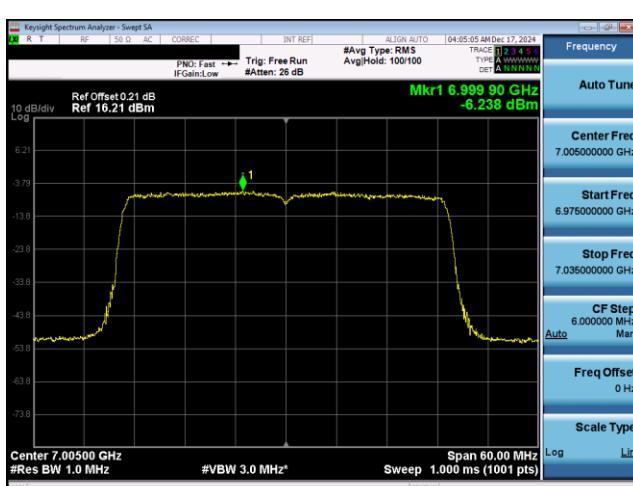
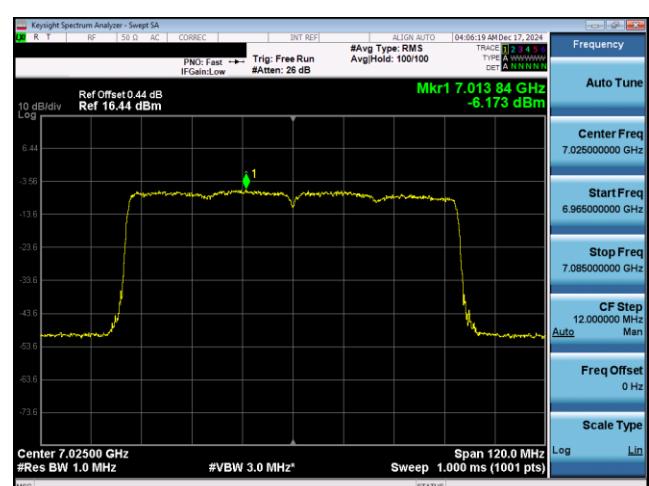
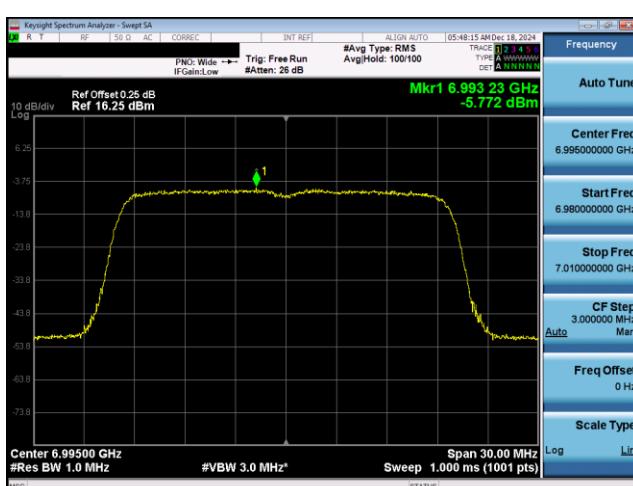
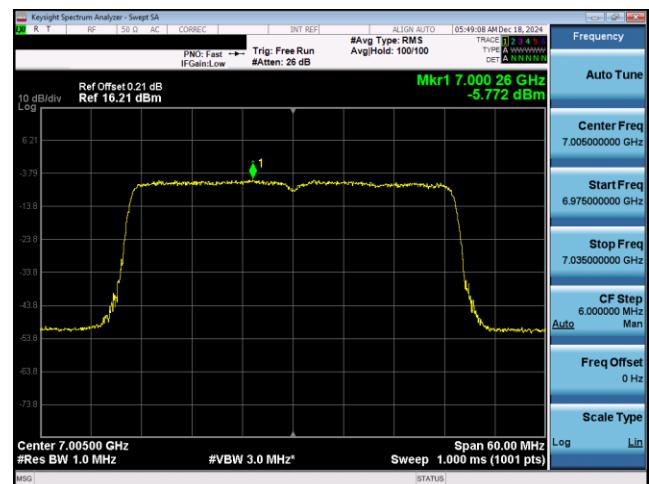
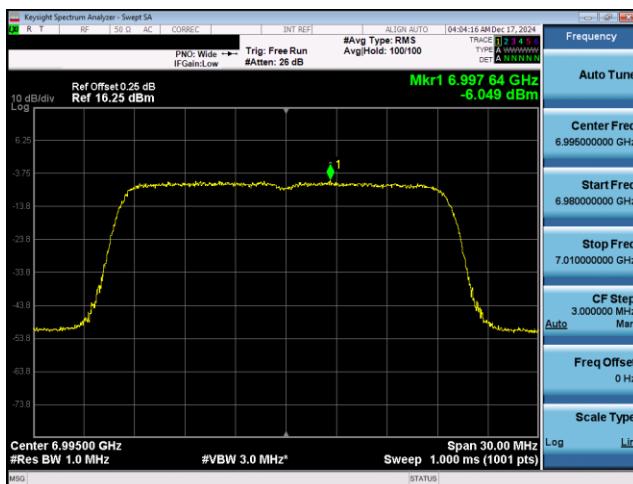


Plot 7-551. PSD Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-552. PSD Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

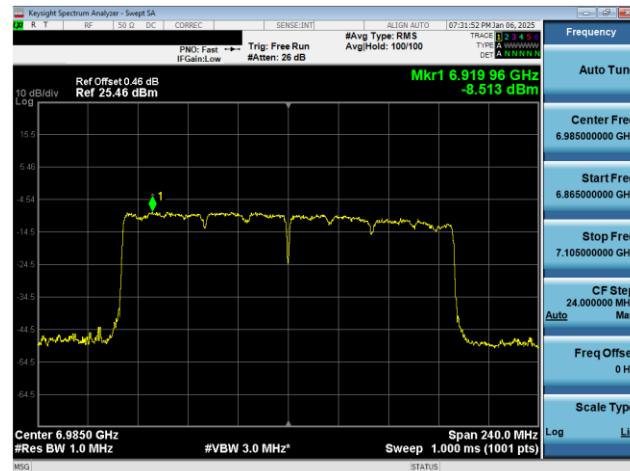
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 263 of 594



FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 264 of 594



Plot 7-559. PSD Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)



Plot 7-560. PSD Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 265 of 594

Note:

Per ANSI C63.10-2020 and KDB 662911 v02r01 Section E)1), the conducted powers at Antenna 3c and Antenna 3a were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Sample Directional Gain Calculation:

For correlated signals, assuming the antenna gain is 1.80 dBi for Antenna 3c and 0.50 dBi for Antenna 3a.

$$\begin{aligned}\text{Directional gain} &= 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{1.80/20} + 10^{0.50/20})^2 / 2] \text{ dBi} \\ &= 4.18 \text{ dBi}\end{aligned}$$

For uncorrelated signals, assuming the antenna gain is 1.80 dBi for Antenna 3c and 0.50 dBi for Antenna 3a.

$$\begin{aligned}\text{Directional gain} &= 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{1.80/10} + 10^{0.50/10}) / 2] \text{ dBi} \\ &= 1.20 \text{ dBi}\end{aligned}$$

Sample CDD/SDM Calculation:

At 5955MHz in 802.11ax (20MHz BW) mode, the average conducted output power was measured to be 7.09 dBm for Antenna 3c and 7.08 dBm for Antenna 3a.

$$\text{Antenna 3c} + \text{Antenna 3a} = \text{CDD/SDM}$$

$$(7.09 \text{ dBm} + 7.08 \text{ dBm}) = (5.117 \text{ mW} + 5.110 \text{ mW}) = 10.227 \text{ mW} = 10.09 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5955MHz in 802.11ax (20MHz BW) mode, the average MIMO conducted power was calculated to be 10.09 dBm with directional gain of 1.44 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$10.09 \text{ dBm} + 4.18 \text{ dBi} = 14.28 \text{ dBm}$$

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 266 of 594

7.5 In-Band Emissions

§15.407(b)(7), RSS-248 [4.6.2]

Test Overview and Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies.

For transmitters operating solely in the 5.925-7.125 GHz bands: For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

Test Procedure Used

ANSI C63.10-2020 – Section 12.4.2.2

KDB 987594 D02 v03 – Section J

Test Settings

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.6.2 of ANSI C63.10-2020.
3. Measure the 26 dB EBW using the test procedure 12.5.2 of ANSI C63.10-2020. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW \geq 3 X RBW
 - d) Number of points in sweep \geq [2 X span / RBW].
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - i) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
 - j) Suppressed by 28 dB at one channel bandwidth from the channel center.
 - k) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 267 of 594

Test Setup

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



Figure 7-4. Test Instrument & Measurement Setup

Test Notes

1. All RU's were investigated and only worst case partially loaded and fully loaded RU's were reported.
2. Low, mid, and high channels were tested and in-band emission for only worst case PSD channel plots have been reported.

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 268 of 594

7.5.1 Antenna 3c In-Band Emission Measurements – SP

Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c In-Band Emission
Band 5	5955	1 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5955	1 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	5955	1 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6025	15 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6025	15 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6181	47 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6181	47 (L) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6181	47 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6345	79 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6345	79 (L) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6345	79 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
Band 6	6345	97 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6345	97 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6345	97 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6505	111 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6505	111 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6505	111 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass

Table 7-170. In-Band Emission Measurements Antenna 3c (RU26)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 269 of 594

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c In-Band Emission
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6875	181	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6875	181	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6875	181	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6545	135	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6545	135	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6545	135	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6865	167	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6865	167	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6865	167	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6665		ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6665	143 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass

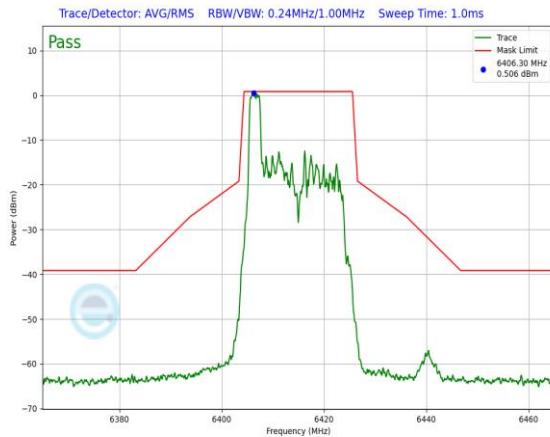
Table 7-171. In-Band Emission Measurements Antenna 3c (RU26)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 270 of 594

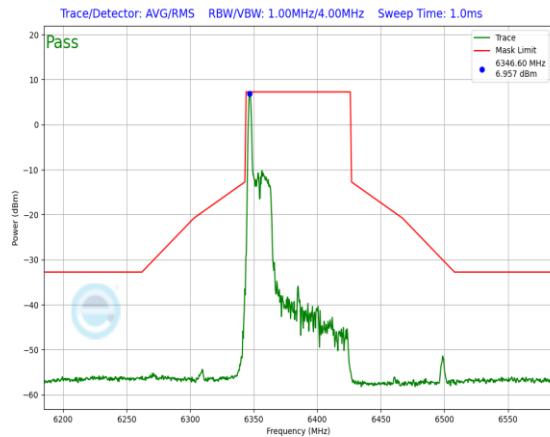
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c In-Band Emission
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
	6181	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6465	103	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass

Table 7-172. In-Band Emission Measurements Antenna 3c (Fully – Loaded RU)

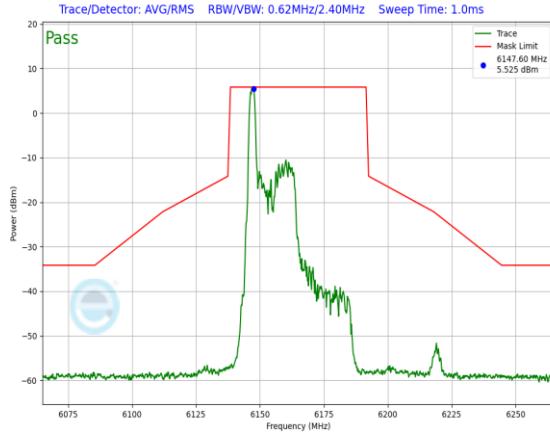
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 271 of 594



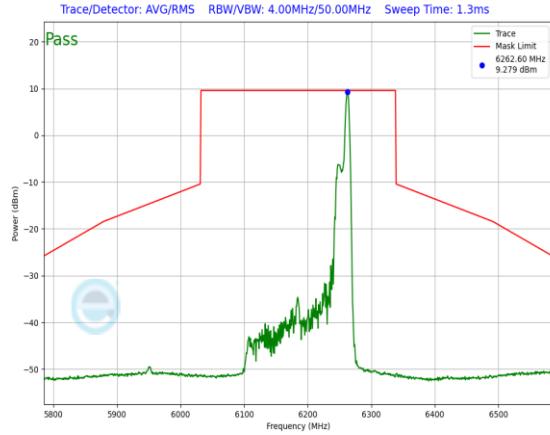
Plot 7-561. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 93)



Plot 7-563. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 87)

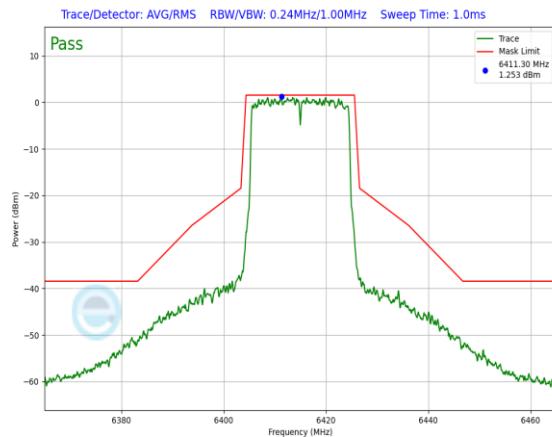


Plot 7-562. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

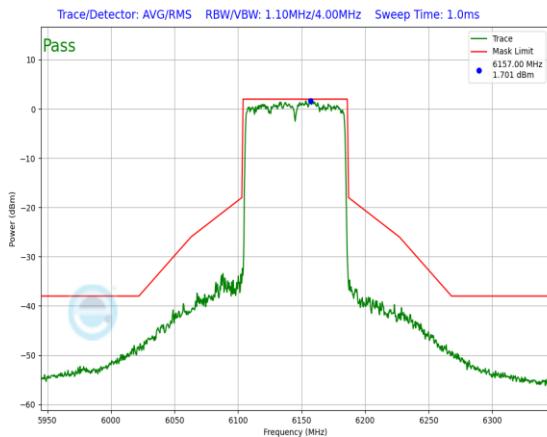


Plot 7-564. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

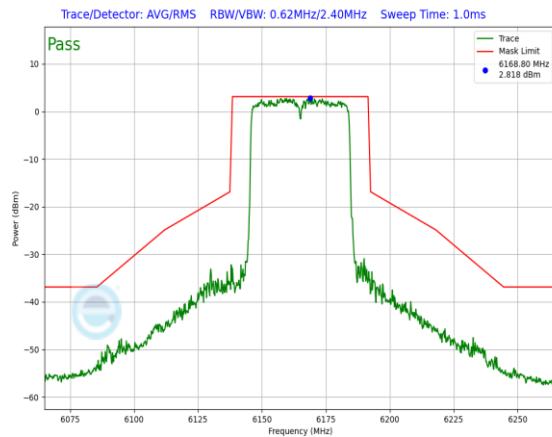
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 272 of 594



Plot 7-565. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 93)



Plot 7-567. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

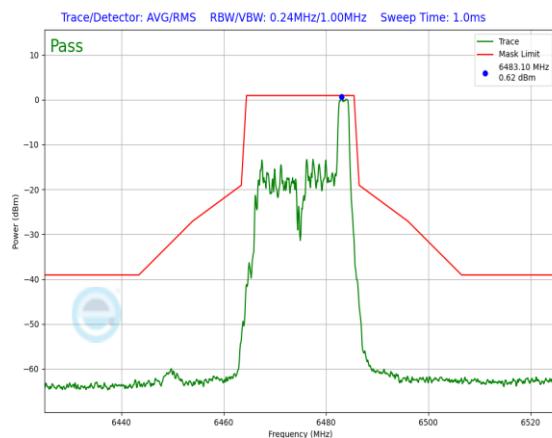


Plot 7-566. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)

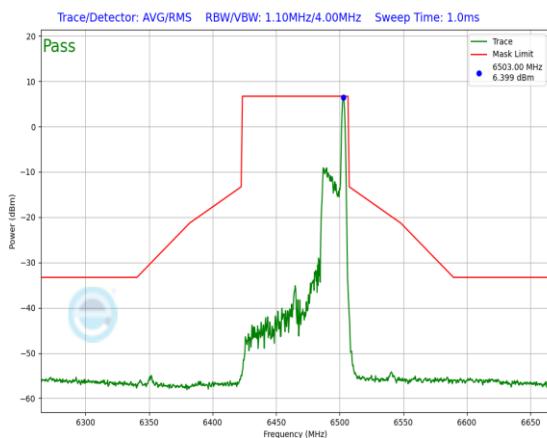


Plot 7-568. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 15)

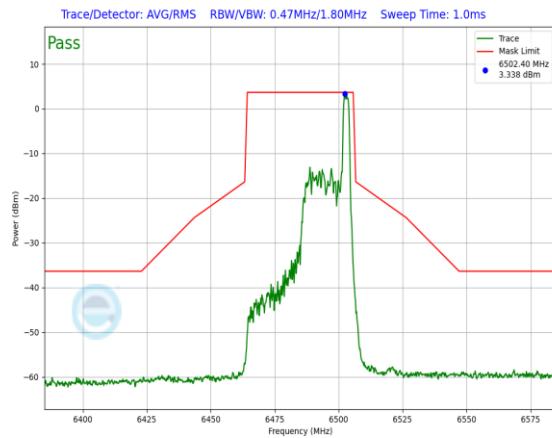
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 273 of 594



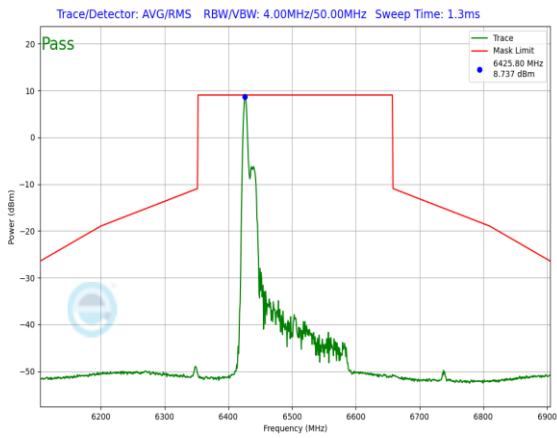
Plot 7-569. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



Plot 7-571. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)

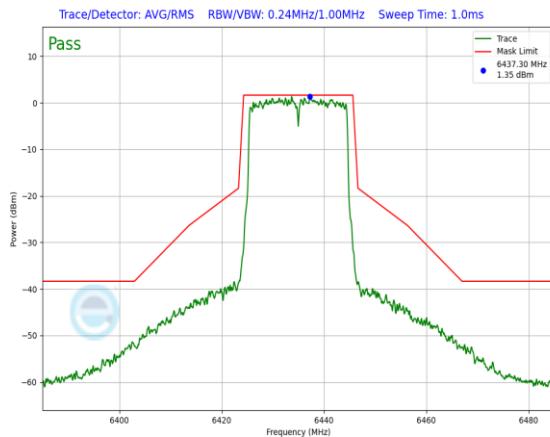


Plot 7-570. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

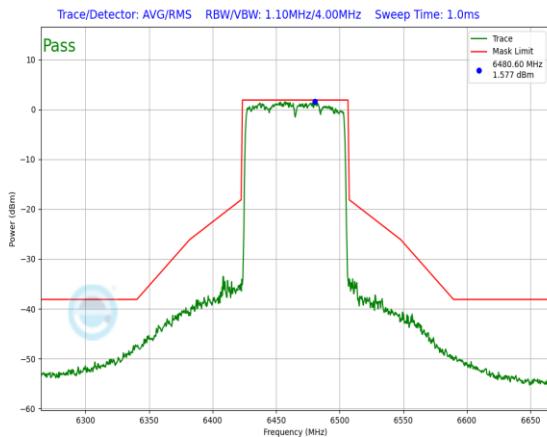


Plot 7-572. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

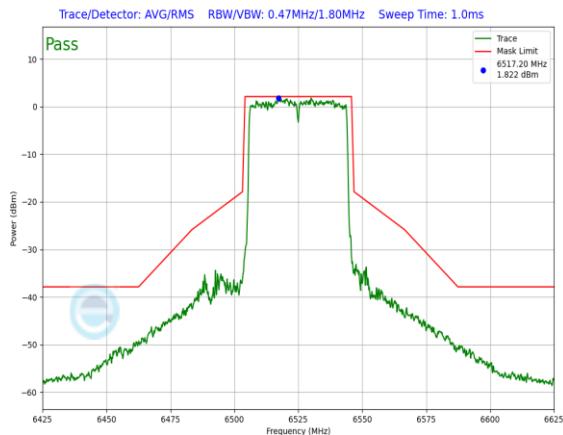
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 274 of 594



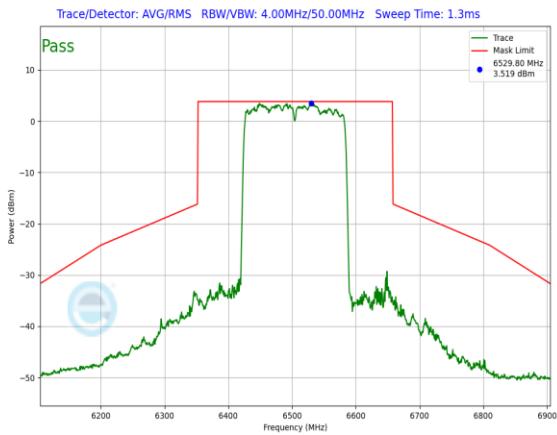
Plot 7-573. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 97)



Plot 7-575. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)

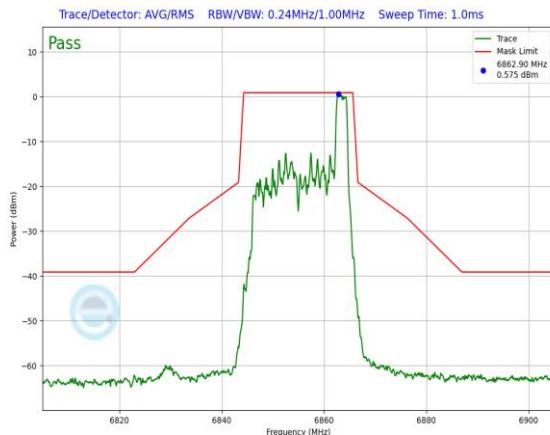


Plot 7-574. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 115)

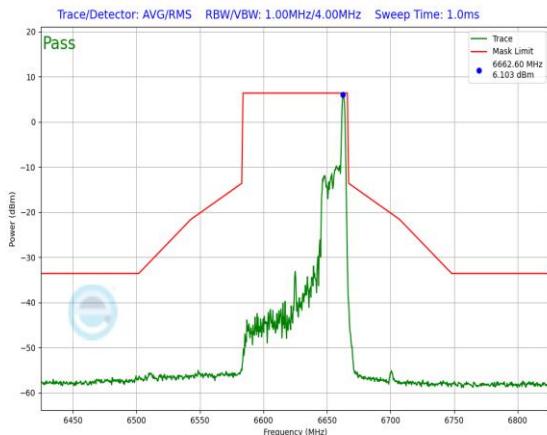


Plot 7-576. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)

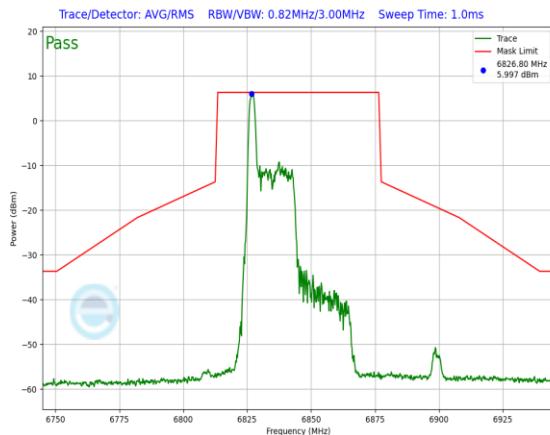
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 275 of 594



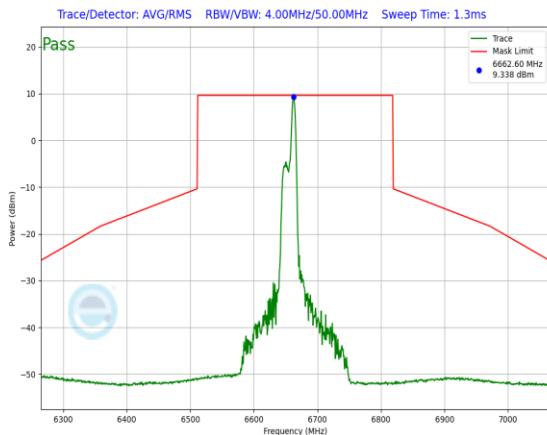
Plot 7-577. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 181)



Plot 7-579. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 135)

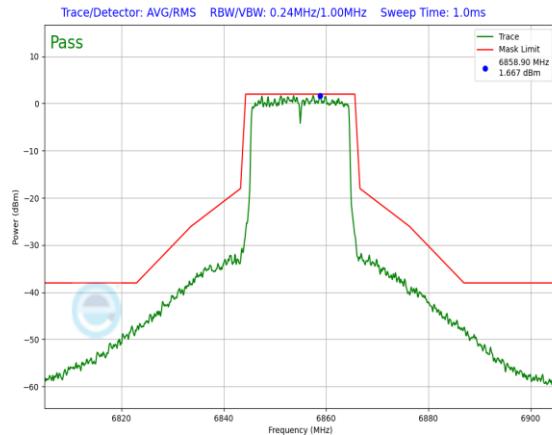


Plot 7-578. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 179)

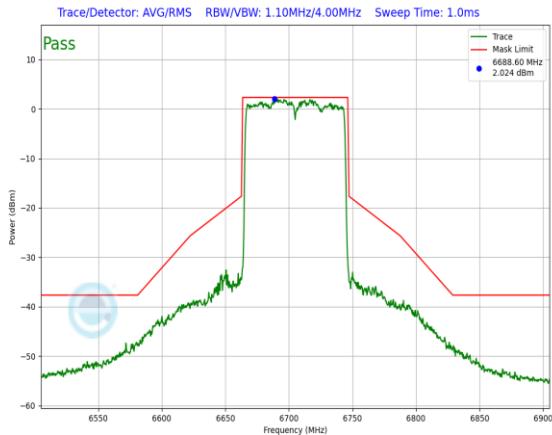


Plot 7-580. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

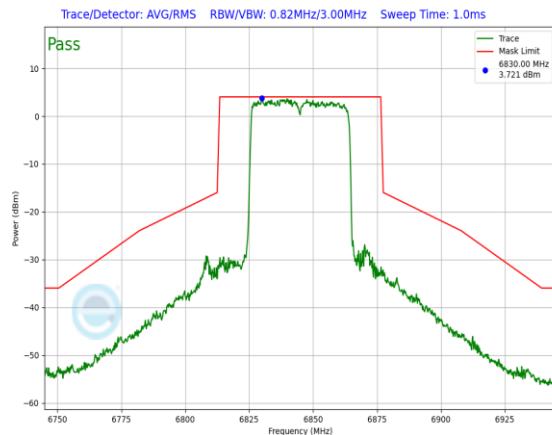
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 276 of 594



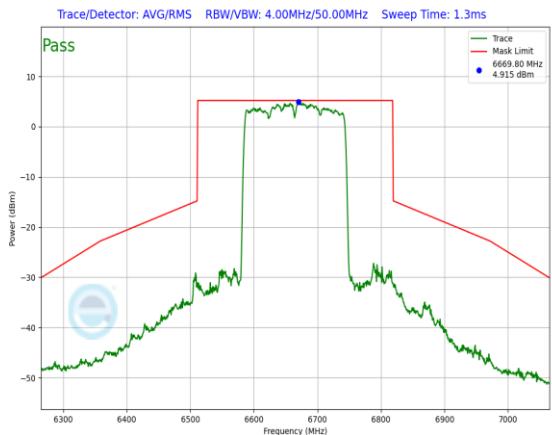
Plot 7-581. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 181)



Plot 7-583. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-582. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



Plot 7-584. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 277 of 594

7.5.2 Antenna 3c In-Band Emission Measurements – LPI

Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c In-Band Emission
Band 5	5955	1 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5955	1 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	5955	1 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6025	15 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6025		26	36	12.5/14.7 (MCS11)	Pass
	6025	15 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6185		26	0	12.5/14.7 (MCS11)	Pass
	6185	47 (L) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6185		26	36	12.5/14.7 (MCS11)	Pass
	6185	47 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6345		26	0	12.5/14.7 (MCS11)	Pass
	6345	79 (L) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6345		26	36	12.5/14.7 (MCS11)	Pass
	6345	79 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6345		26	0	12.5/14.7 (MCS11)	Pass
Band 6	6345	97 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6345	97 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80Mhz)	26	0	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80Mhz)	26	18	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80Mhz)	26	36	12.5/14.7 (MCS11)	Pass
	6505	111 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6505		26	36	12.5/14.7 (MCS11)	Pass
	6505	111 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass

Table 7-173. In-Band Emission Measurements Antenna 3c (RU26)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 278 of 594

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c In-Band Emission
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6665	143 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6665	143 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6825	175 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6825	175 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6825	175 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
Band 8	6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	7095	229	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	7095	229	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	7095	229	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	7005	211	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	7005	211	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	7005	211	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	7085	227	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	7085	227	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	7085	227	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6945	199	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6945	199	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6945	199	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	7025	215	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	7025	215	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	7025	215	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6985	207 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6985	207 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6985	207 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass

Table 7-174. In-Band Emission Measurements Antenna 3c (RU26)

FCC ID: BCGA3267 IC: 579C-A3267	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device			

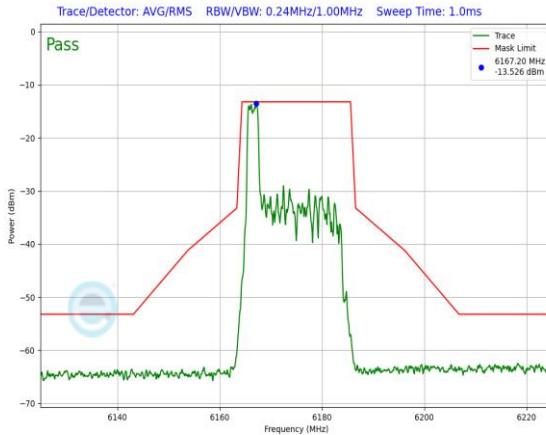
V 10.6 10/27/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

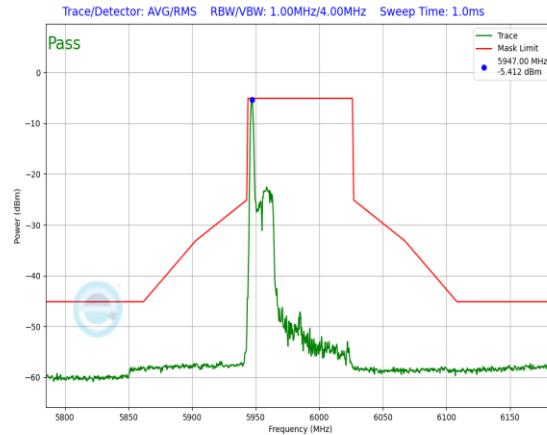
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c In-Band Emission
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6465	103	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6875	185	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6865	183	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
	6825	175	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
	6895	189	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
Band 8	6995	209	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	7095	229	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6885	187	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	7005	211	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	7085	227	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6945	199	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	7025	215	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6985	207	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass

Table 7-175. In-Band Emission Measurements Antenna 3c (Fully – Loaded RU)

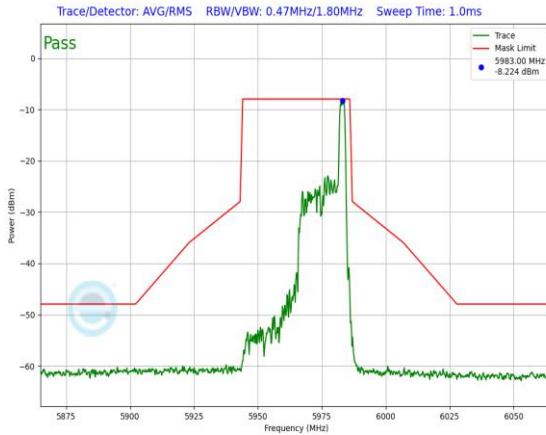
FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 280 of 594



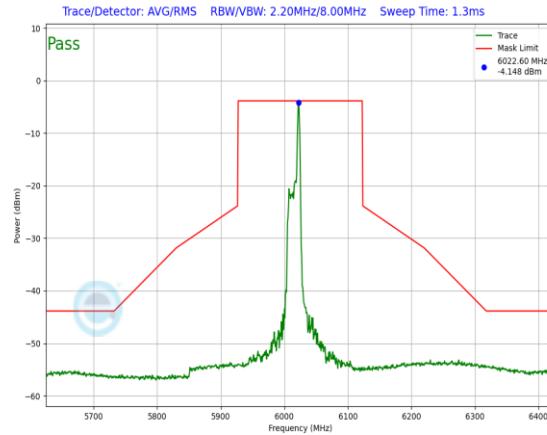
Plot 7-585. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-587. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 7)

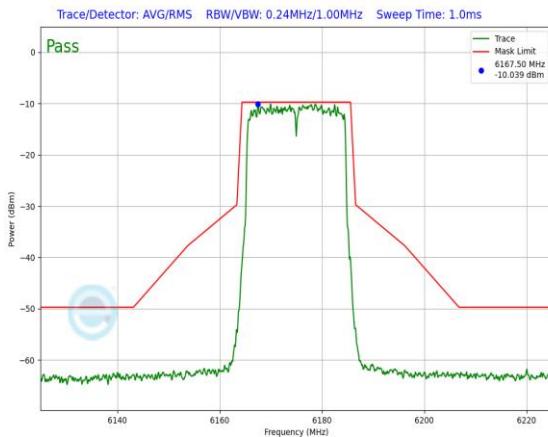


Plot 7-586. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 3)

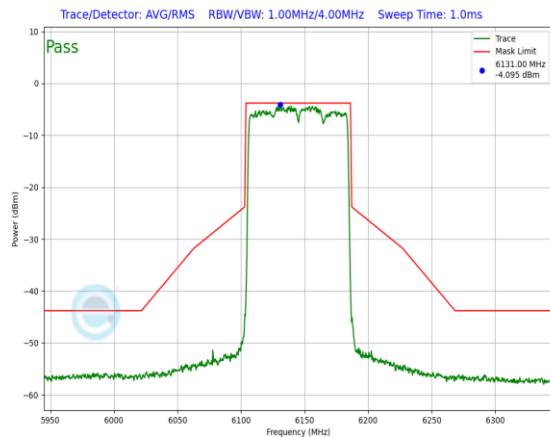


Plot 7-588. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 15)

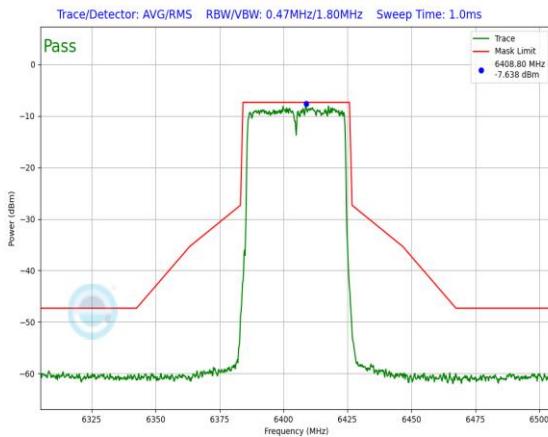
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 281 of 594



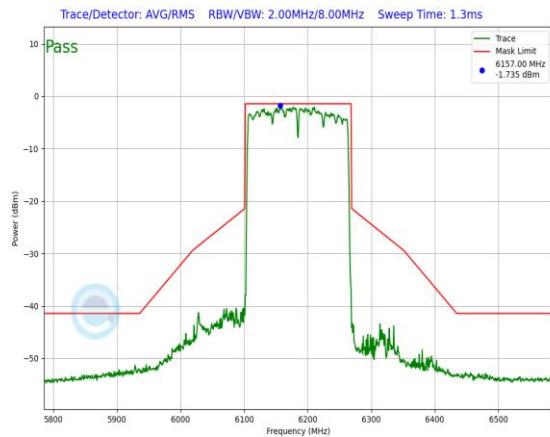
Plot 7-589. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 5) – Ch45)



Plot 7-591. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

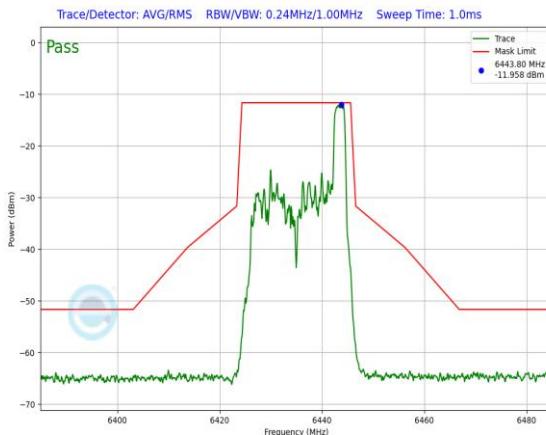


Plot 7-590. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 91)

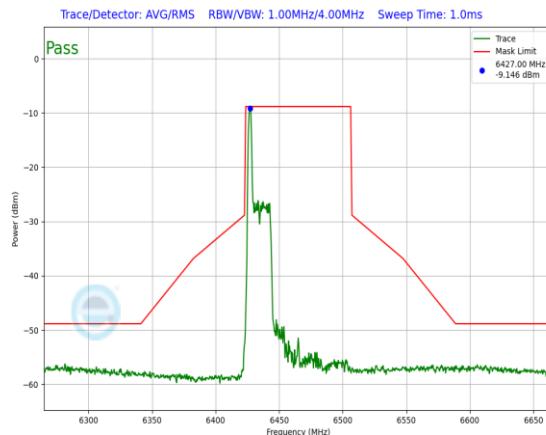


Plot 7-592. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

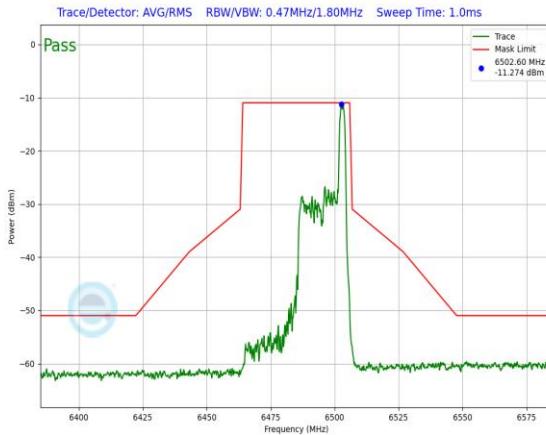
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 282 of 594



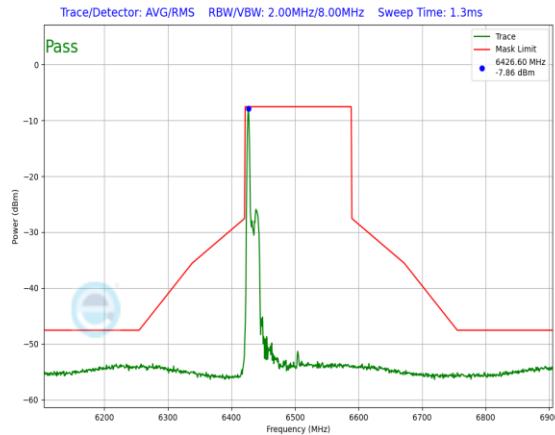
Plot 7-593. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 97)



Plot 7-595. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)

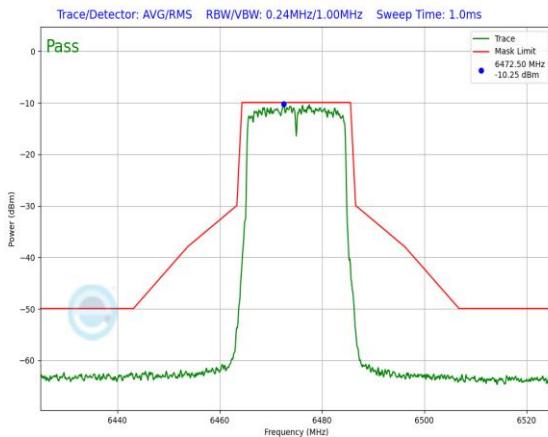


Plot 7-594. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

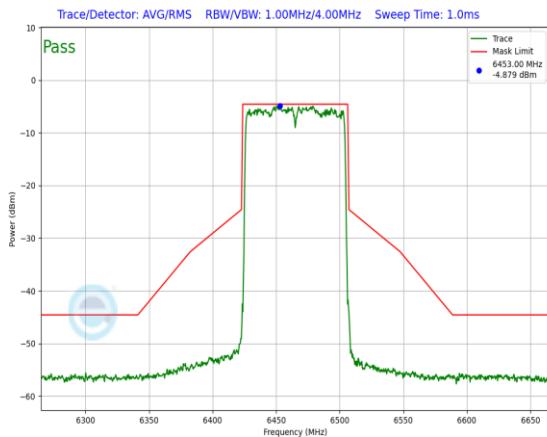


Plot 7-596. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

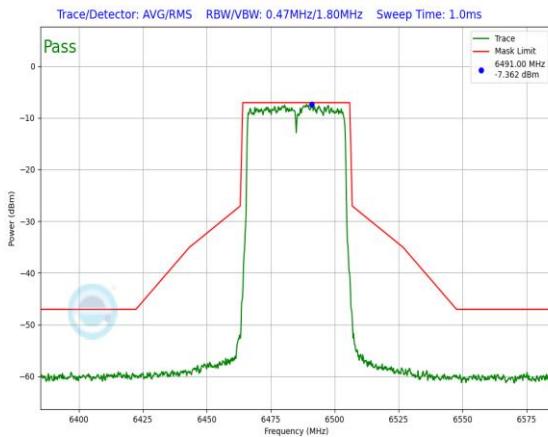
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 283 of 594



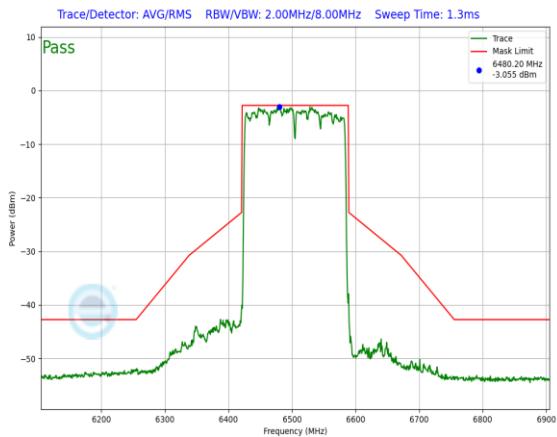
Plot 7-597. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 105)



Plot 7-599. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)

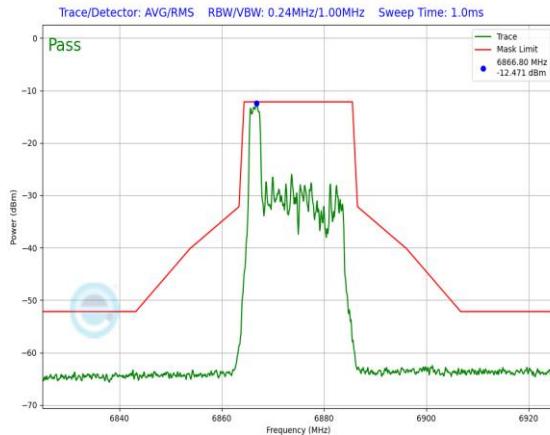


Plot 7-598. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 107)

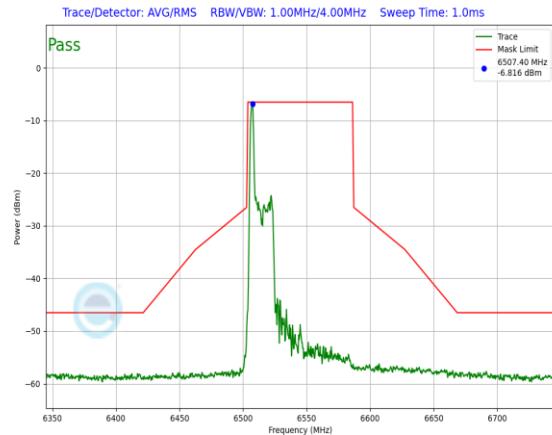


Plot 7-600. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)

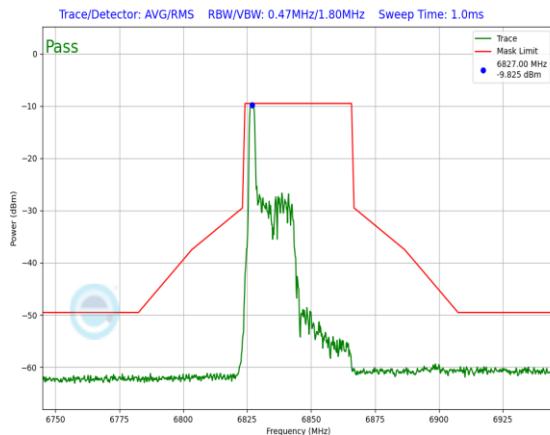
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 284 of 594



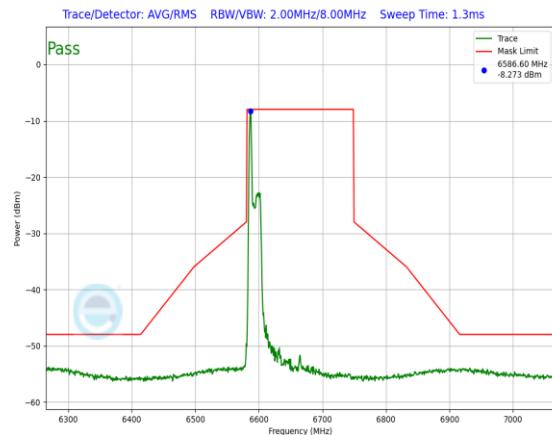
Plot 7-601. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 185)



Plot 7-603. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 119)

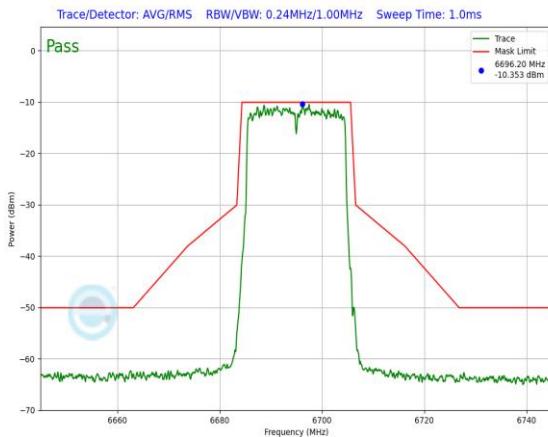


Plot 7-602. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 179)

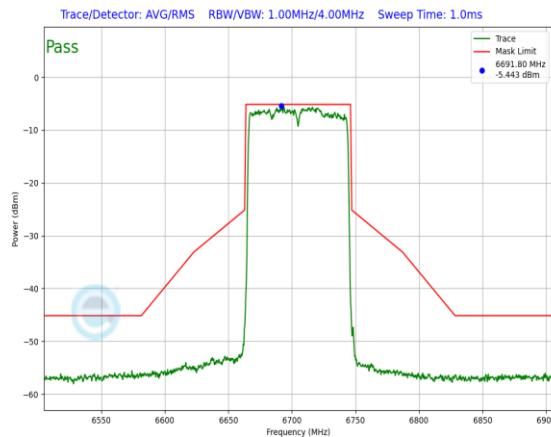


Plot 7-604. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

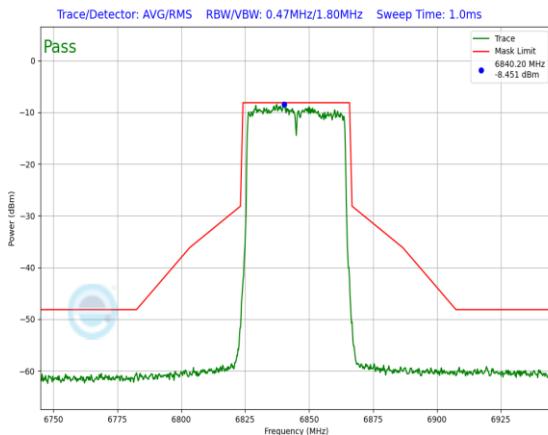
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 285 of 594



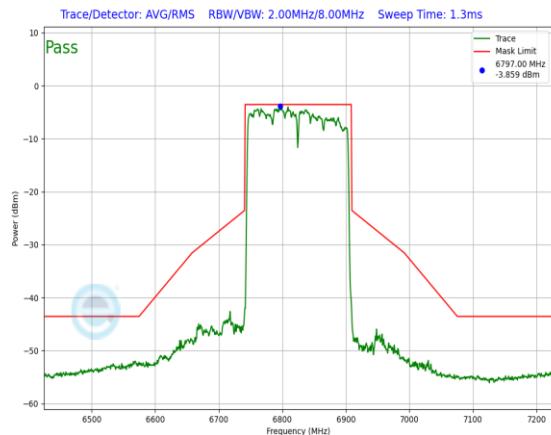
Plot 7-605. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-607. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)

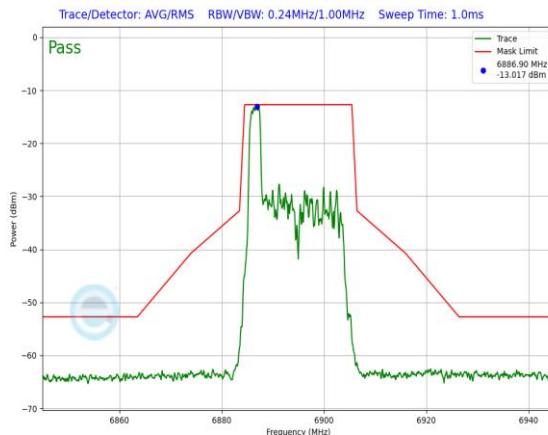


Plot 7-606. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)

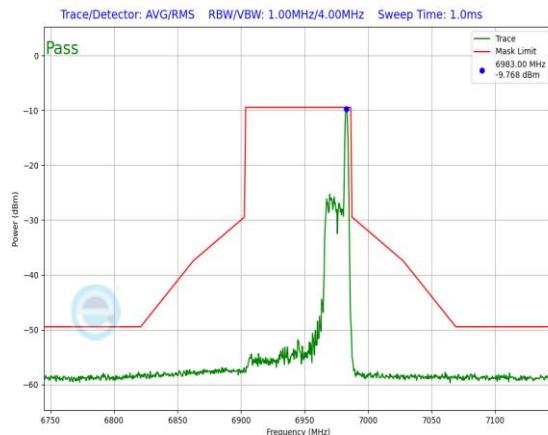


Plot 7-608. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 175)

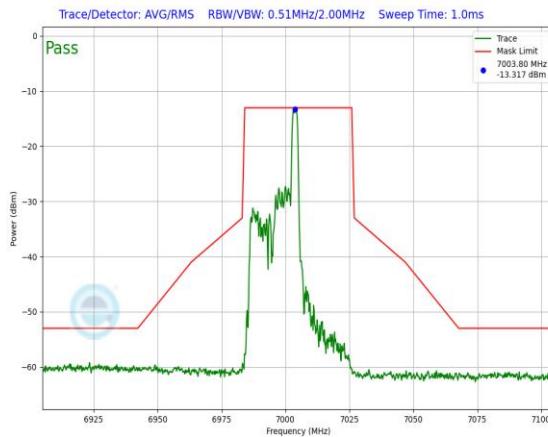
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 286 of 594



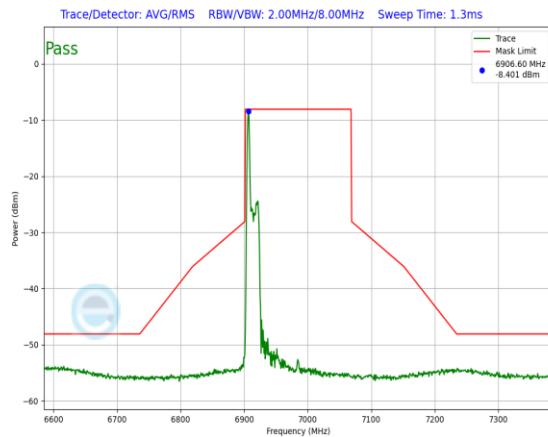
Plot 7-609. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 189)



Plot 7-611. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

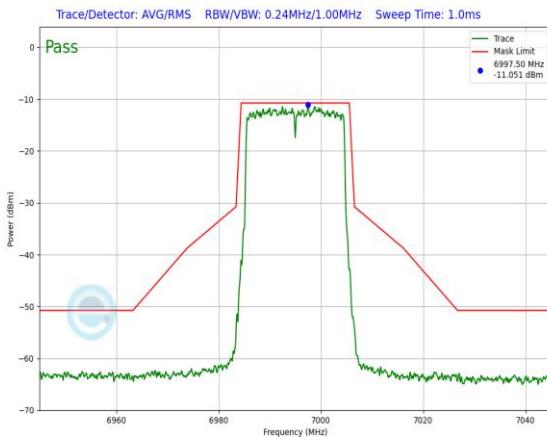


Plot 7-610. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

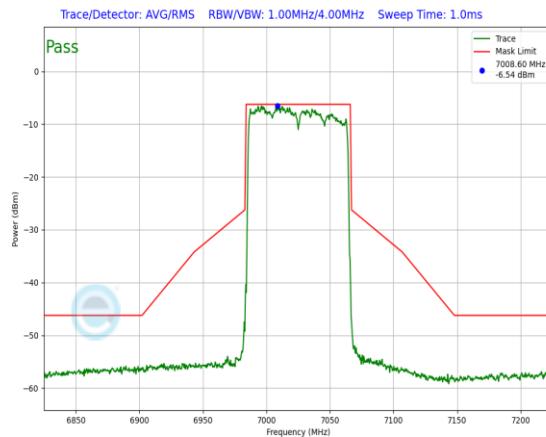


Plot 7-612. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

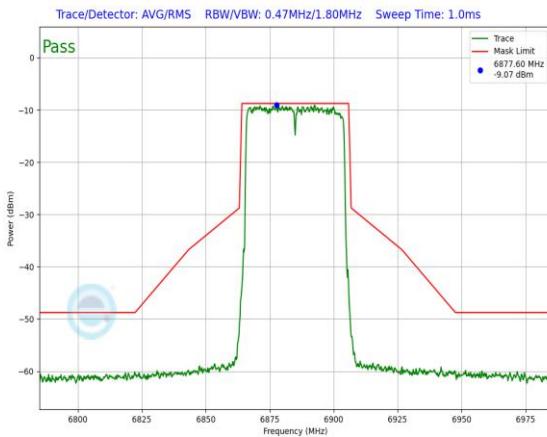
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 287 of 594



Plot 7-613. In-Band Emission Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



Plot 7-615. In-Band Emission Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 215)



Plot 7-614. In-Band Emission Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 187)



Plot 7-616. In-Band Emission Plot Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 288 of 594

7.5.3 Antenna 3a In-Band Emission Measurements – SP

Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3a In-Band Emission
Band 5	5955	1 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5955	1 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	5955	1 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6175	45 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6415	93 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	5965	3 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6165	43 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6165	91 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	5985	7 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6145	39 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6385	87 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6025	15 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6025	15 (L) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6025	15 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6181	47 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6181	47 (L) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6181	47 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6345	79 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6345	79 (L) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6345	79 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
Band 6	6345	97 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6345	97 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6345	97 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6475	105 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6515	113 ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6445	99 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6485	107 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6525	115 ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6465	103 ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6505	111 (L) ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6505	111 (L) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6505	111 (U) ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass

Table 7-176. In-Band Emission Measurements Antenna 3a (RU26)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 289 of 594

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3a In-Band Emission
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6875	181	ax (20MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6875	181	ax (20MHz)	26	4	12.5/14.7 (MCS11)	Pass
	6875	181	ax (20MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	Pass
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6545	135	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6545	135	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6545	135	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6865	167	ax (80MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6865	167	ax (80MHz)	26	18	12.5/14.7 (MCS11)	Pass
	6865	167	ax (80MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	Pass
	6665		ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass
	6665	143 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	Pass

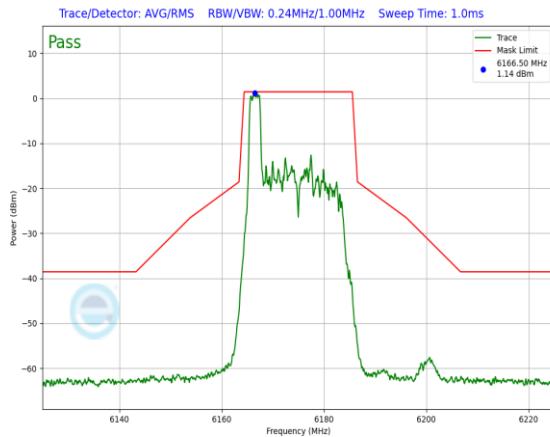
Table 7-177. In-Band Emission Measurements Antenna 3a (RU26)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 290 of 594

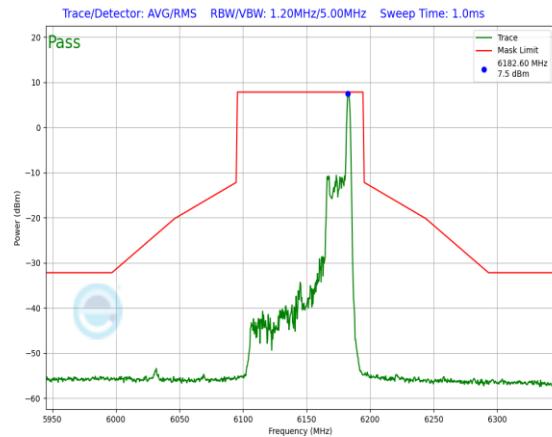
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Antenna 3a In-Band Emission
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
	6181	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6465	103	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	Pass
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	Pass
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	Pass
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	Pass

Table 7-178. In-Band Emission Measurements Antenna 3a (Fully – Loaded RU)

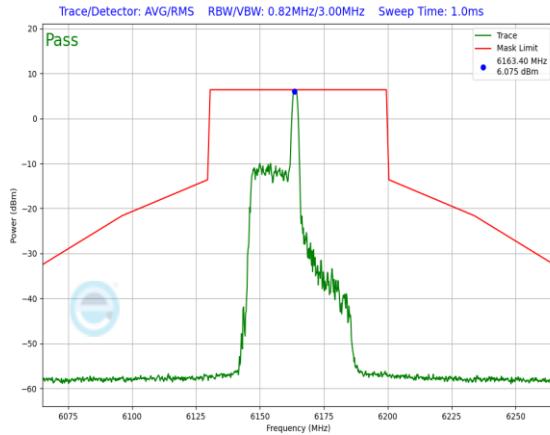
FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 291 of 594



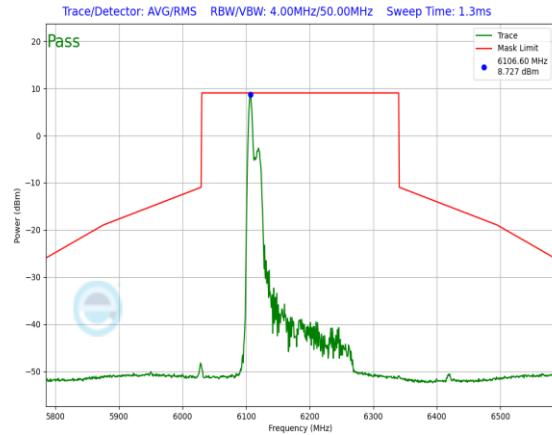
Plot 7-617. In-Band Emission Plot Antenna 3a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-619. In-Band Emission Plot Antenna 3a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



Plot 7-618. In-Band Emission Plot Antenna 3a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



Plot 7-620. In-Band Emission Plot Antenna 3a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

FCC ID: BCGA3267 IC: 579C-A3267	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-24.BCG	Test Dates: 10/25/2024 - 12/31/2024	EUT Type: Tablet Device	Page 292 of 594