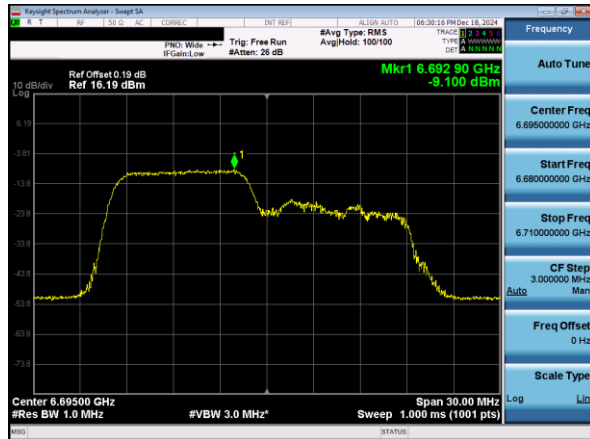
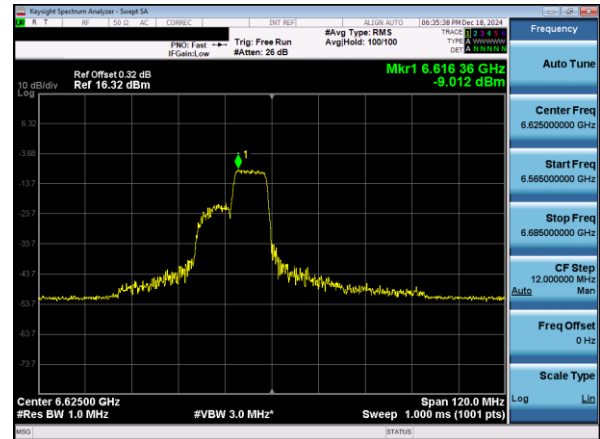
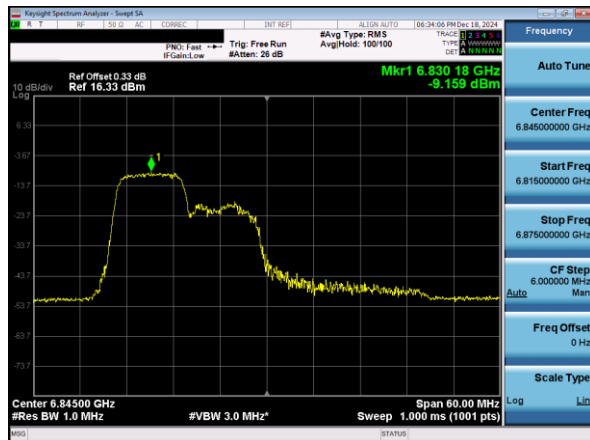




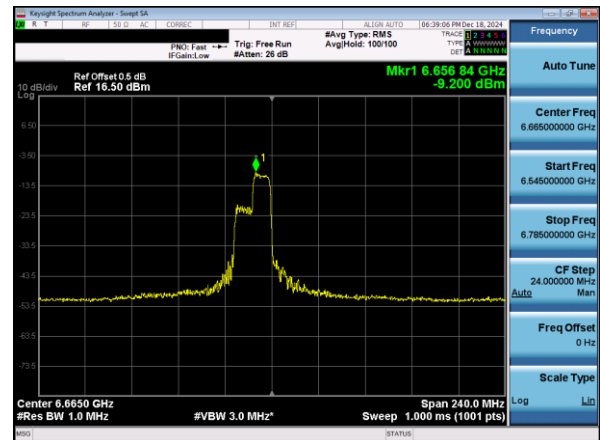
Plot 7-57. PSD Plot Antenna 3c (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 149)



Plot 7-59. PSD Plot Antenna 3c (80MHz 802.11ax RU106 (UNII Band 7) – Ch. 135)



Plot 7-58. PSD Plot Antenna 3c (40MHz 802.11ax RU106 (UNII Band 7) – Ch. 179)

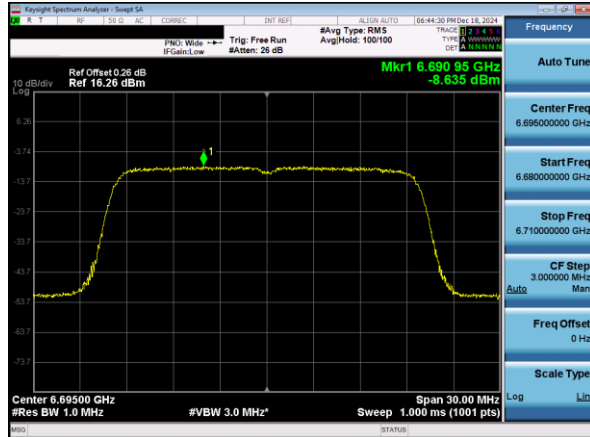


Plot 7-60. PSD Plot Antenna 3c (160MHz 802.11ax RU106 (UNII Band 7) – Ch. 143)

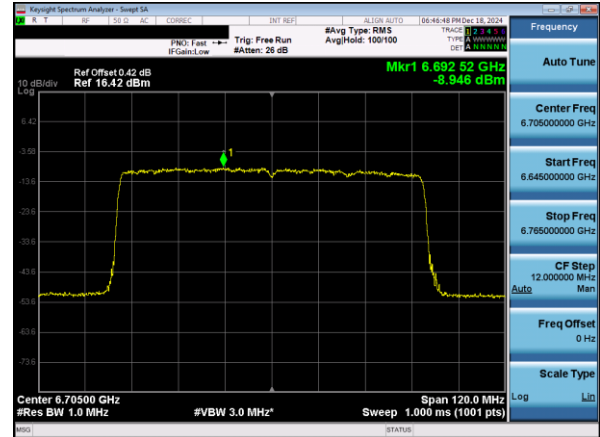
FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 61 of 223

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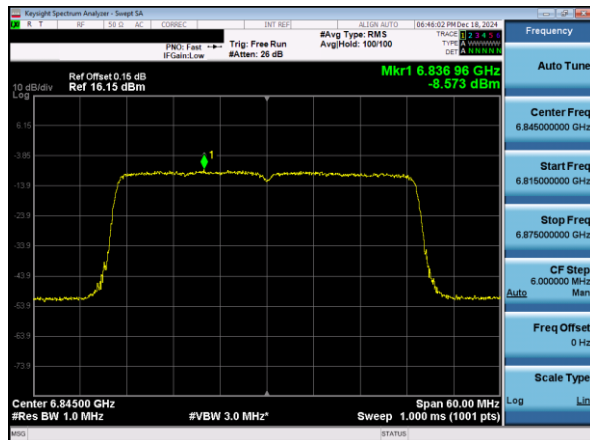
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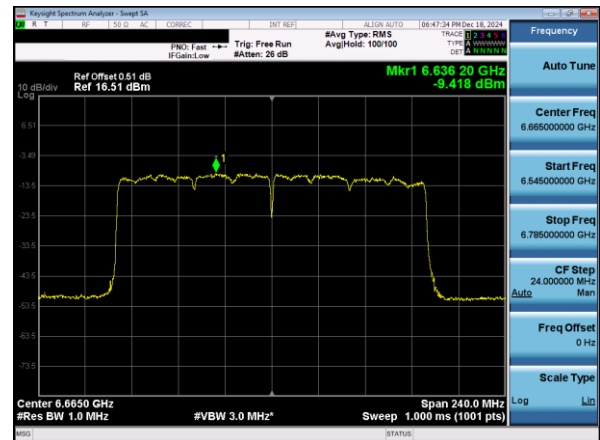
Plot 7-61. PSD Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-63. PSD Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-62. PSD Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



Plot 7-64. PSD 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: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 62 of 223

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7.4.2 Antenna 3a Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-7.78	-0.20	-7.98	-5	-2.98
	6115	33	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-7.91	-0.20	-8.11	-5	-3.11
	6255	61	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-8.39	-0.20	-8.59	-5	-3.59
	6255	61	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-8.21	-0.20	-8.41	-5	-3.41
	6415	93	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-9.11	-0.20	-9.31	-5	-4.31
	6415	93	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-8.52	-0.20	-8.72	-5	-3.72
	6125	35	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-8.05	-0.20	-8.25	-5	-3.25
	6125	35	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.07	-0.20	-8.27	-5	-3.27
	6125	35	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-8.17	-0.20	-8.37	-5	-3.37
	6245	59	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-8.60	-0.20	-8.80	-5	-3.80
	6245	59	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.18	-0.20	-8.38	-5	-3.38
	6245	59	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-8.20	-0.20	-8.40	-5	-3.40
	6405	91	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-8.34	-0.20	-8.54	-5	-3.54
	6405	91	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.30	-0.20	-8.50	-5	-3.50
	6405	91	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-8.08	-0.20	-8.28	-5	-3.28
	6145	39	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-8.44	-0.20	-8.64	-5	-3.64
	6145	39	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.02	-0.20	-9.22	-5	-4.22
	6145	39	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-8.24	-0.20	-8.44	-5	-3.44
	6225	55	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-8.54	-0.20	-8.74	-5	-3.74
	6225	55	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-7.83	-0.20	-8.03	-5	-3.03
	6225	55	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-7.78	-0.20	-7.98	-5	-2.98
	6385	87	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-8.67	-0.20	-8.87	-5	-3.87
	6385	87	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-8.66	-0.20	-8.86	-5	-3.86
	6385	87	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-8.22	-0.20	-8.42	-5	-3.42
	6185	47 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-8.22	-0.20	-8.42	-5	-3.42
	6185		ax (160MHz)	106	60	53.1/62.5 (MCS11)	-8.95	-0.20	-9.15	-5	-4.15
	6185	47 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-8.94	-0.20	-9.14	-5	-4.14
	6345	79 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-8.81	-0.20	-9.01	-5	-4.01
	6345		ax (160MHz)	106	60	53.1/62.5 (MCS11)	-8.74	-0.20	-8.94	-5	-3.94
	6345	79 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-8.56	-0.20	-8.76	-5	-3.76
Band 7	6535	117	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-8.95	-0.80	-9.75	-5	-4.75
	6535	117	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-9.45	-0.80	-10.25	-5	-5.25
	6695	149	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-9.03	-0.80	-9.83	-5	-4.83
	6695	149	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-8.82	-0.80	-9.62	-5	-4.62
	6855	181	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-9.12	-0.80	-9.92	-5	-4.92
	6855	181	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-9.04	-0.80	-9.84	-5	-4.84
	6565	123	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-9.34	-0.80	-10.14	-5	-5.14
	6565	123	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-10.07	-0.80	-10.87	-5	-5.87
	6565	123	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-10.01	-0.80	-10.81	-5	-5.81
	6725	155	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-8.75	-0.80	-9.55	-5	-4.55
	6725	155	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.93	-0.80	-9.73	-5	-4.73
	6725	155	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-9.18	-0.80	-9.98	-5	-4.98
	6845	179	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-9.10	-0.80	-9.90	-5	-4.90
	6845	179	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.97	-0.80	-9.77	-5	-4.77
	6845	179	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-9.07	-0.80	-9.87	-5	-4.87
	6625	135	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-8.93	-0.80	-9.73	-5	-4.73
	6625	135	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.27	-0.80	-10.07	-5	-5.07
	6625	135	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-8.53	-0.80	-9.33	-5	-4.33
	6705	151	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-9.13	-0.80	-9.93	-5	-4.93
	6705	151	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.50	-0.80	-10.30	-5	-5.30
	6705	151	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-9.42	-0.80	-10.22	-5	-5.22
	6785	167	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-9.41	-0.80	-10.21	-5	-5.21
	6785	167	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.46	-0.80	-10.26	-5	-5.26
	6785	167	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-9.16	-0.80	-9.96	-5	-4.96
	6665	143 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-9.72	-0.80	-10.52	-5	-5.52
	6665		ax (160MHz)	106	60	53.1/62.5 (MCS11)	-9.56	-0.80	-10.36	-5	-5.36
	6665	143 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-9.61	-0.80	-10.41	-5	-5.41

Table 7-65. Power Spectral Density Measurements Antenna 3a (RU106)

FCC ID: BCGA3267 IC: 579C-A3267	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 63 of 223

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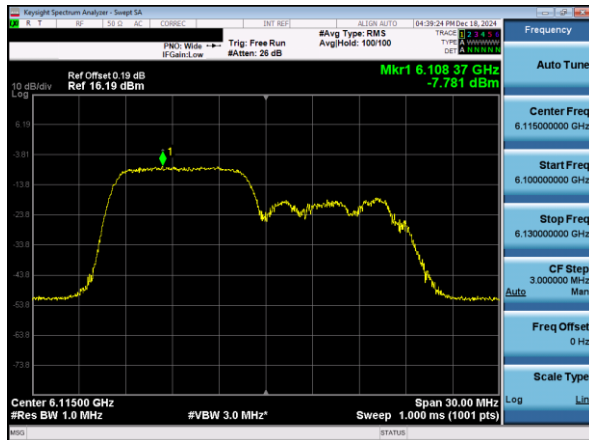
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.84	-0.20	-8.04	-5	-3.04
	6255	61	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.00	-0.20	-8.20	-5	-3.20
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.10	-0.20	-8.30	-5	-3.30
	6125	35	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.65	-0.20	-7.85	-5	-2.85
	6245	59	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.62	-0.20	-7.82	-5	-2.82
	6405	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.81	-0.20	-8.01	-5	-3.01
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.79	-0.20	-7.99	-5	-2.99
	6225	55	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.39	-0.20	-8.59	-5	-3.59
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.15	-0.20	-8.35	-5	-3.35
	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.24	-0.20	-8.44	-5	-3.44
Band 7	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.33	-0.20	-8.53	-5	-3.53
	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.62	-0.80	-9.42	-5	-4.42
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.46	-0.80	-9.26	-5	-4.26
	6855	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.76	-0.80	-9.56	-5	-4.56
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.83	-0.80	-9.63	-5	-4.63
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.36	-0.80	-9.16	-5	-4.16
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.95	-0.80	-8.75	-5	-3.75
	6625	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.13	-0.80	-9.93	-5	-4.93
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.82	-0.80	-9.62	-5	-4.62
	6785	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.92	-0.80	-9.72	-5	-4.72
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.80	-0.80	-9.60	-5	-4.60

Table 7-66. Power Spectral Density Measurements Antenna 3a (Fully – Loaded RU)

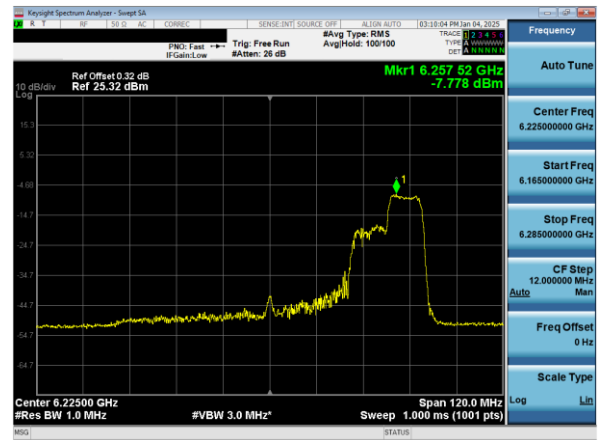
FCC ID: BCGA3267 IC: 579C-A3267	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 64 of 223

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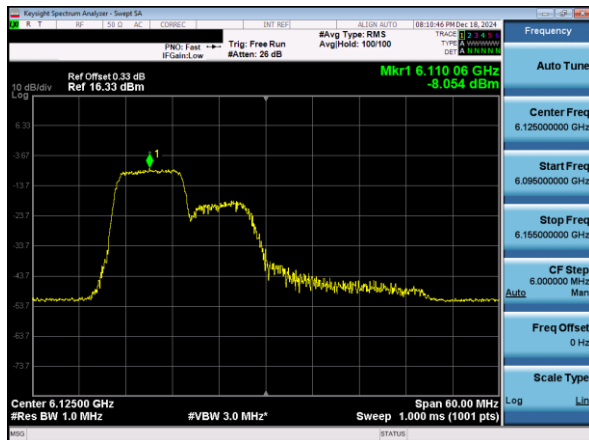
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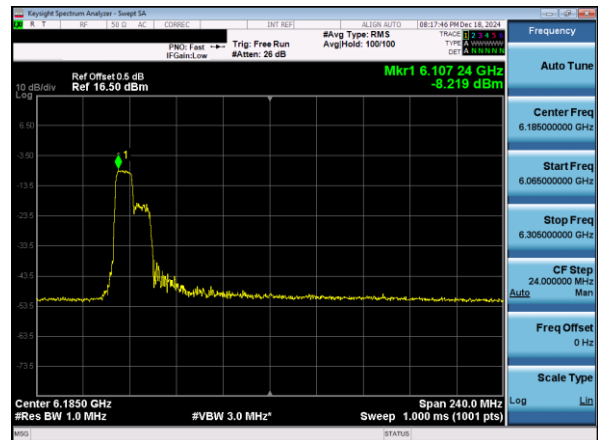
Plot 7-65. PSD Plot Antenna 3a (20MHz 802.11ax RU106 (UNII Band 5) – Ch. 33)



Plot 7-67. PSD Plot Antenna 3a (80MHz 802.11ax RU106 (UNII Band 5) – Ch. 55)



Plot 7-66. PSD Plot Antenna 3a (40MHz 802.11ax RU106 (UNII Band 5) – Ch. 35)

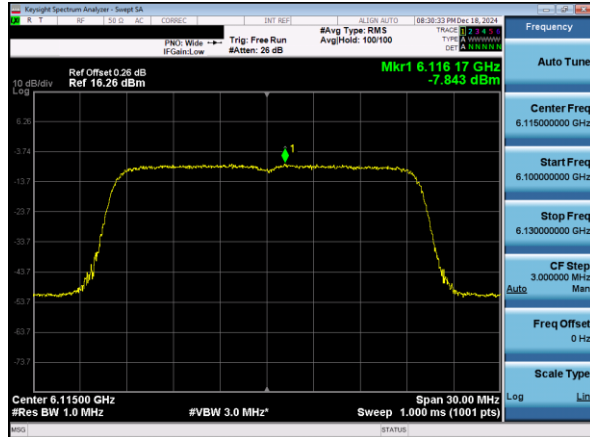


Plot 7-68. PSD Plot Antenna 3a (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)

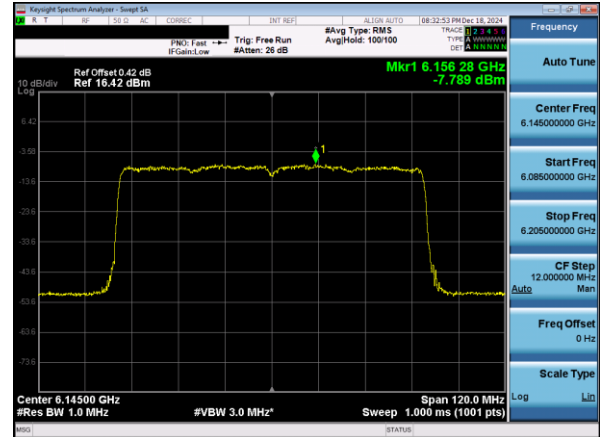
FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 65 of 223

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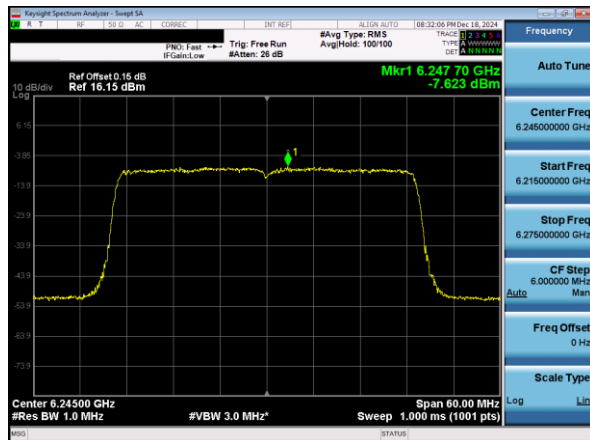
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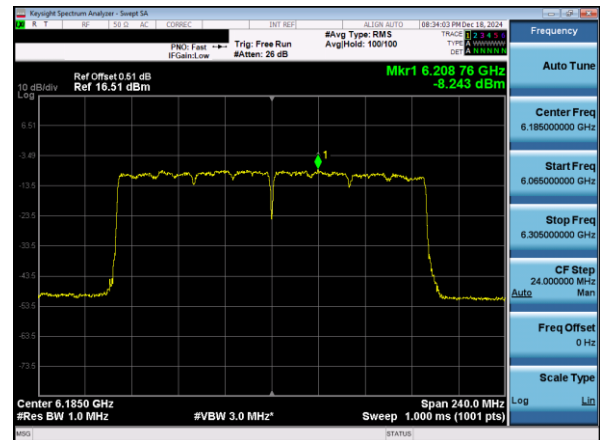
Plot 7-69. PSD Plot Antenna 3a (20MHz 802.11ax RU242 (UNII Band 5) - Ch. 33)



Plot 7-71. PSD Plot Antenna 3a (80MHz 802.11ax RU996 (UNII Band 5) - Ch. 39)



Plot 7-70. PSD Plot Antenna 3a (40MHz 802.11ax RU484 (UNII Band 5) - Ch. 59)

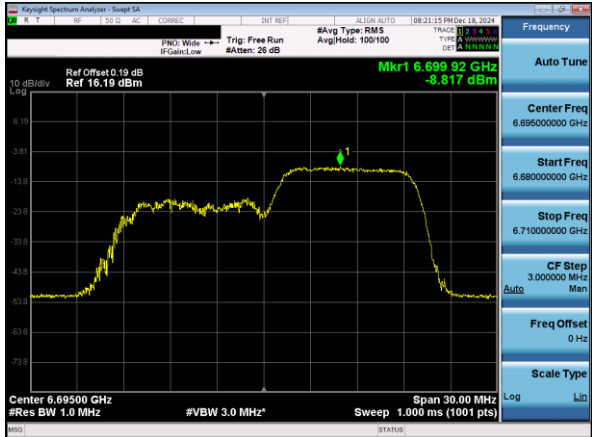


Plot 7-72. PSD Plot Antenna 3a (160MHz 802.11ax RU996x2 (UNII Band 5) - Ch. 47)

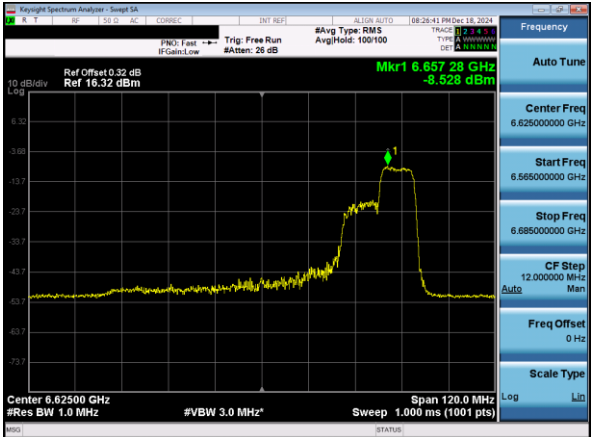
FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 66 of 223

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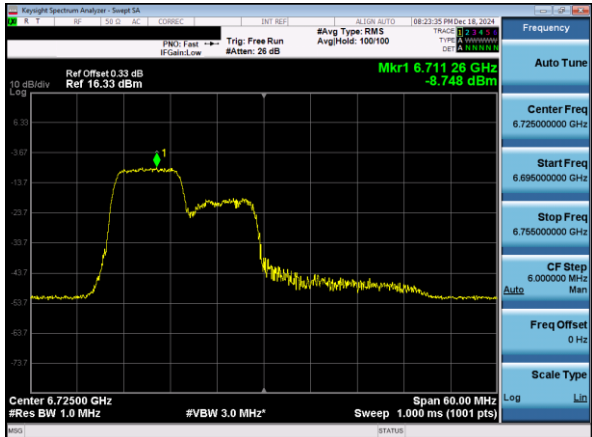
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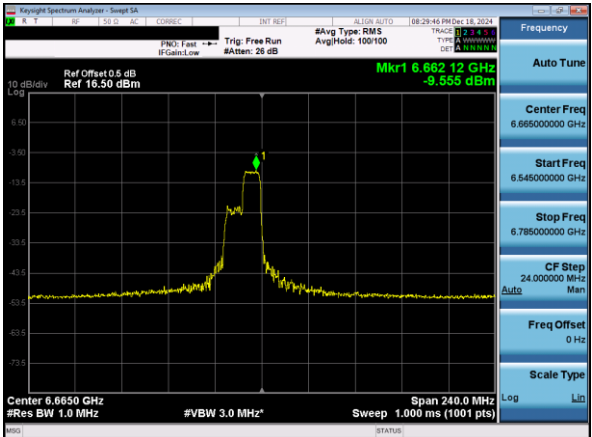
Plot 7-73. PSD Plot Antenna 3a (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 149)



Plot 7-75. PSD Plot Antenna 3a (80MHz 802.11ax RU106 (UNII Band 7) – Ch. 135)

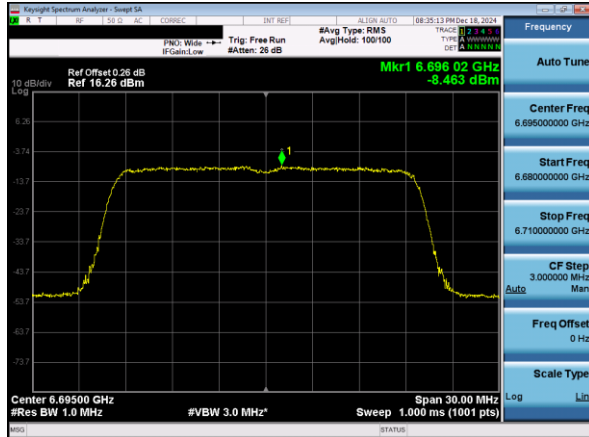


Plot 7-74. PSD Plot Antenna 3a (40MHz 802.11ax RU106 (UNII Band 7) – Ch. 155)

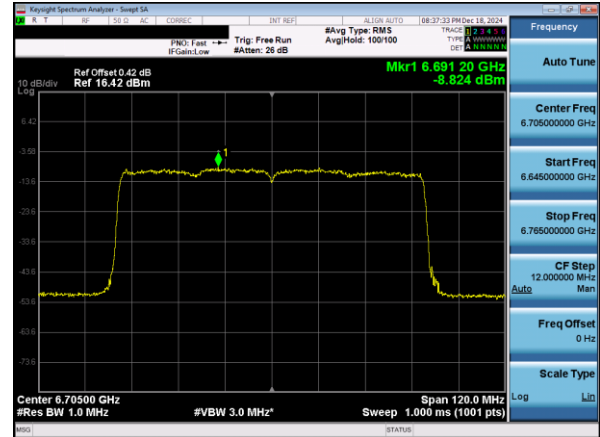


Plot 7-76. PSD Plot Antenna 3a (160MHz 802.11ax RU106 (UNII Band 7) – Ch. 143)

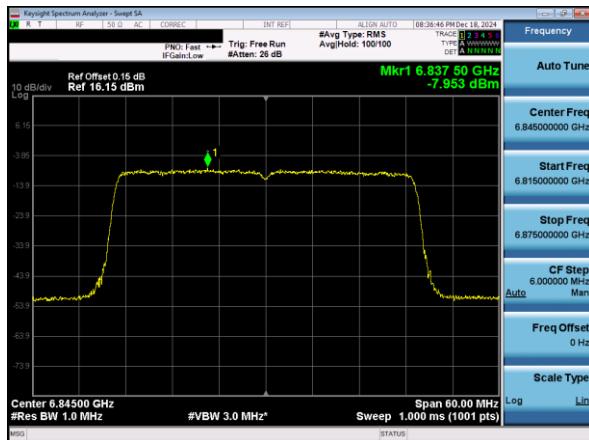
FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 67 of 223



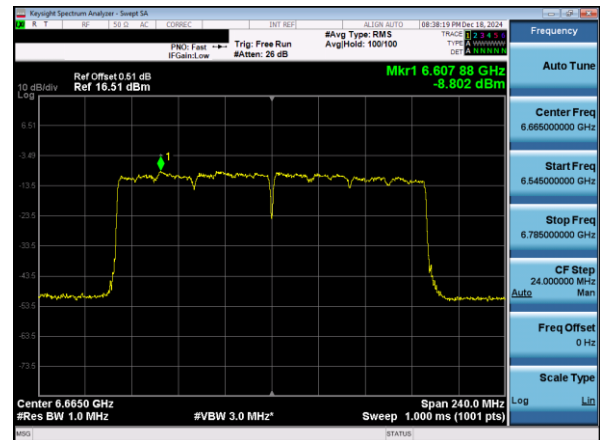
Plot 7-77. PSD Plot Antenna 3a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-79. PSD Plot Antenna 3a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-78. PSD Plot Antenna 3a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



Plot 7-80. PSD Plot Antenna 3a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 68 of 223

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7.4.3 Antenna 1b Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-8.28	-0.70	-8.98	-5	-3.98
	6115	33	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-8.14	-0.70	-8.84	-5	-3.84
	6255	61	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-7.71	-0.70	-8.41	-5	-3.41
	6255	61	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-7.49	-0.70	-8.19	-5	-3.19
	6415	93	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-8.42	-0.70	-9.12	-5	-4.12
	6415	93	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-8.04	-0.70	-8.74	-5	-3.74
	6125	35	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-8.21	-0.70	-8.91	-5	-3.91
	6125	35	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.45	-0.70	-9.15	-5	-4.15
	6125	35	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-8.50	-0.70	-9.20	-5	-4.20
	6245	59	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-7.80	-0.70	-8.50	-5	-3.50
	6245	59	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.76	-0.70	-9.46	-5	-4.46
	6245	59	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-8.18	-0.70	-8.88	-5	-3.88
	6405	91	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-7.73	-0.70	-8.43	-5	-3.43
	6405	91	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.12	-0.70	-8.82	-5	-3.82
	6405	91	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-7.85	-0.70	-8.55	-5	-3.55
	6145	39	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-8.85	-0.70	-9.55	-5	-4.55
	6145	39	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.01	-0.70	-9.71	-5	-4.71
	6145	39	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-8.06	-0.70	-8.76	-5	-3.76
	6225	55	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-7.87	-0.70	-8.57	-5	-3.57
	6225	55	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-8.24	-0.70	-8.94	-5	-3.94
	6225	55	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-9.04	-0.70	-9.74	-5	-4.74
	6385	87	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-8.24	-0.70	-8.94	-5	-3.94
	6385	87	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-8.02	-0.70	-8.72	-5	-3.72
	6385	87	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-8.30	-0.70	-9.00	-5	-4.00
	6185	47 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-8.22	-0.70	-8.92	-5	-3.92
	6185		ax (160MHz)	106	60	53.1/62.5 (MCS11)	-8.01	-0.70	-8.71	-5	-3.71
	6185	47 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-7.56	-0.70	-8.26	-5	-3.26
	6345	79 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-7.84	-0.70	-8.54	-5	-3.54
	6345		ax (160MHz)	106	60	53.1/62.5 (MCS11)	-8.58	-0.70	-9.28	-5	-4.28
	6345	79 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-8.20	-0.70	-8.90	-5	-3.90
Band 7	6535	117	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-9.06	1.70	-7.36	-5	-2.36
	6535	117	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-8.80	1.70	-7.10	-5	-2.10
	6695	149	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-8.84	1.70	-7.14	-5	-2.14
	6695	149	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-8.91	1.70	-7.21	-5	-2.21
	6855	181	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-8.93	1.70	-7.23	-5	-2.23
	6855	181	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-9.25	1.70	-7.55	-5	-2.55
	6565	123	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-9.41	1.70	-7.71	-5	-2.71
	6565	123	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-9.60	1.70	-7.90	-5	-2.90
	6565	123	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-9.74	1.70	-8.04	-5	-3.04
	6725	155	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-8.57	1.70	-6.87	-5	-1.87
	6725	155	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-8.51	1.70	-6.81	-5	-1.81
	6725	155	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-8.83	1.70	-7.13	-5	-2.13
	6845	179	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-8.69	1.70	-6.99	-5	-1.99
	6845	179	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-9.24	1.70	-7.54	-5	-2.54
	6845	179	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-8.90	1.70	-7.20	-5	-2.20
	6625	135	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-8.76	1.70	-7.06	-5	-2.06
	6625	135	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-8.48	1.70	-6.78	-5	-1.78
	6625	135	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-8.49	1.70	-6.79	-5	-1.79
	6705	151	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-9.83	1.70	-8.13	-5	-3.13
	6705	151	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-7.95	1.70	-6.25	-5	-1.25
	6705	151	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-9.39	1.70	-7.69	-5	-2.69
	6785	167	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-8.15	1.70	-6.45	-5	-1.45
	6785	167	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-7.72	1.70	-6.02	-5	-1.02
	6785	167	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-9.23	1.70	-7.53	-5	-2.53
	6665	143 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-9.52	1.70	-7.82	-5	-2.82
	6665		ax (160MHz)	106	60	53.1/62.5 (MCS11)	-8.82	1.70	-7.12	-5	-2.12
	6665	143 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-9.82	1.70	-8.12	-5	-3.12

Table 7-67. Power Spectral Density Measurements Antenna 1b (RU106)

FCC ID: BCGA3267 IC: 579C-A3267	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 69 of 223

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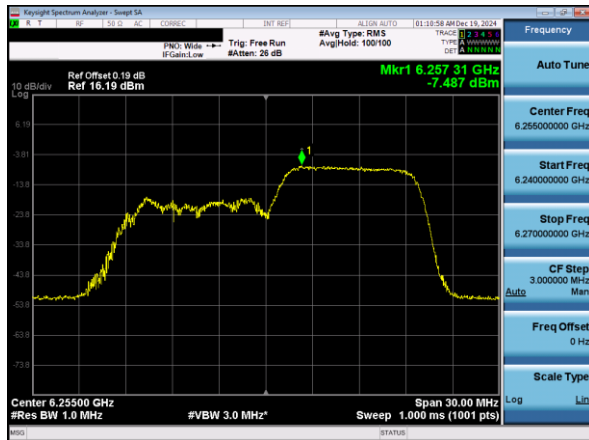
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.34	-0.70	-8.04	-5	-3.04
	6255	61	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.65	-0.70	-8.35	-5	-3.35
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.97	-0.70	-8.67	-5	-3.67
	6125	35	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.01	-0.70	-8.71	-5	-3.71
	6245	59	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.78	-0.70	-8.48	-5	-3.48
	6405	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.59	-0.70	-8.29	-5	-3.29
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.34	-0.70	-9.04	-5	-4.04
	6225	55	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.06	-0.70	-8.76	-5	-3.76
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.59	-0.70	-8.29	-5	-3.29
	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-7.46	-0.70	-8.16	-5	-3.16
Band 7	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.13	-0.70	-8.83	-5	-3.83
	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.47	1.70	-6.77	-5	-1.77
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.20	1.70	-6.50	-5	-1.50
	6855	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.49	1.70	-6.79	-5	-1.79
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.49	1.70	-6.79	-5	-1.79
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.30	1.70	-6.60	-5	-1.60
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.46	1.70	-6.76	-5	-1.76
	6625	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.23	1.70	-6.53	-5	-1.53
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.99	1.70	-6.29	-5	-1.29
	6785	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.39	1.70	-6.69	-5	-1.69
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.47	1.70	-6.77	-5	-1.77

Table 7-68. Power Spectral Density Measurements Antenna 1b (Fully – Loaded RU)

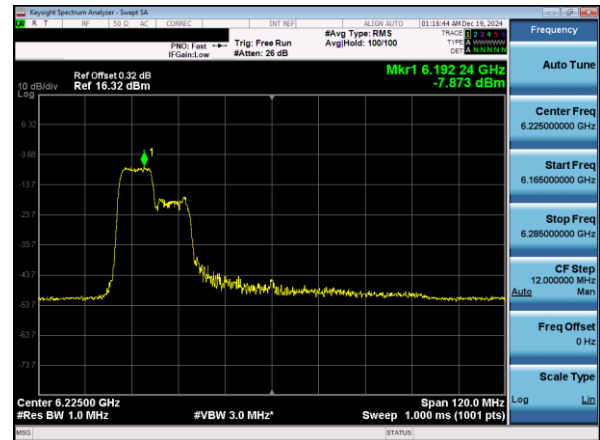
FCC ID: BCGA3267 IC: 579C-A3267	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 70 of 223

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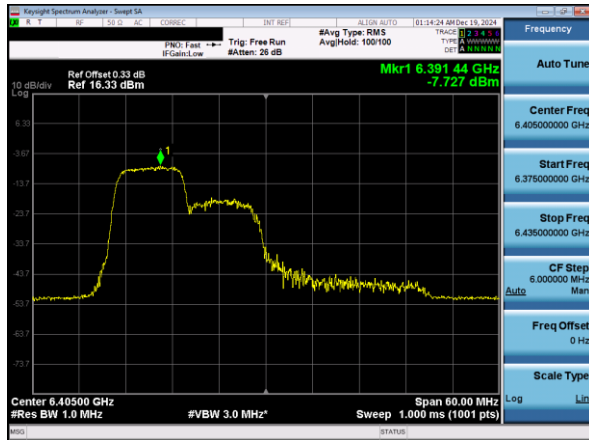
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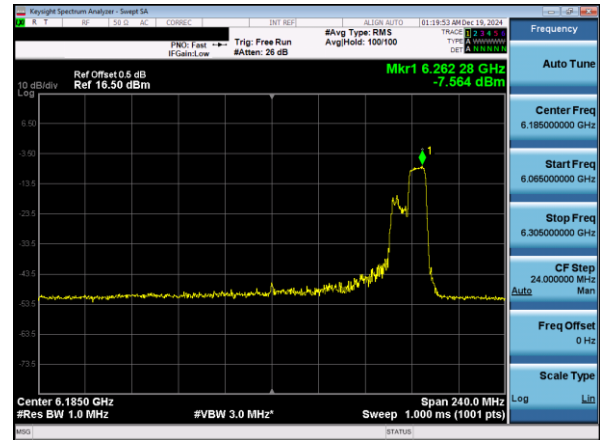
Plot 7-81. PSD Plot Antenna 1b (20MHz 802.11ax RU106 (UNII Band 5) – Ch. 61)



Plot 7-83. PSD Plot Antenna 1b (80MHz 802.11ax RU106 (UNII Band 5) – Ch. 55)



Plot 7-82. PSD Plot Antenna 1b (40MHz 802.11ax RU106 (UNII Band 5) – Ch. 91)

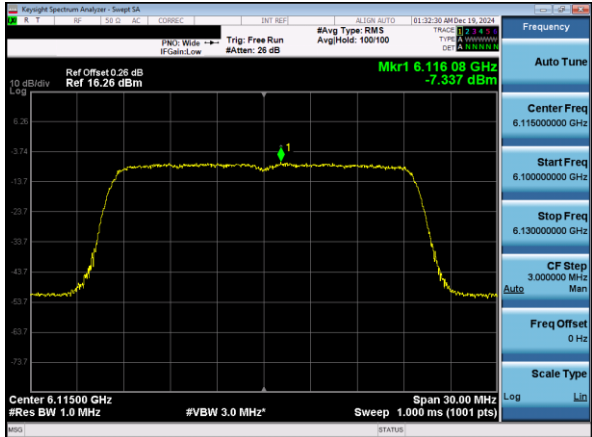


Plot 7-84. PSD Plot Antenna 1b (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)

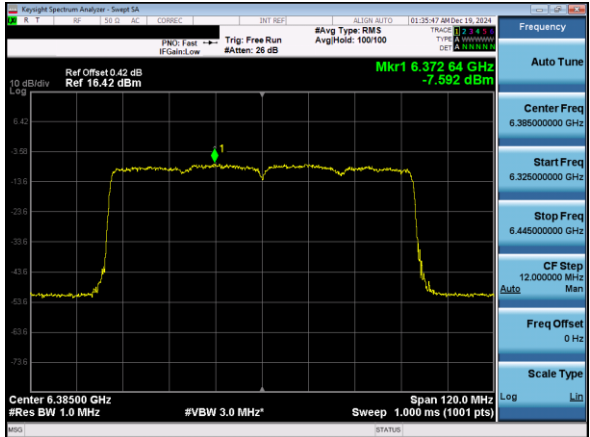
FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 71 of 223

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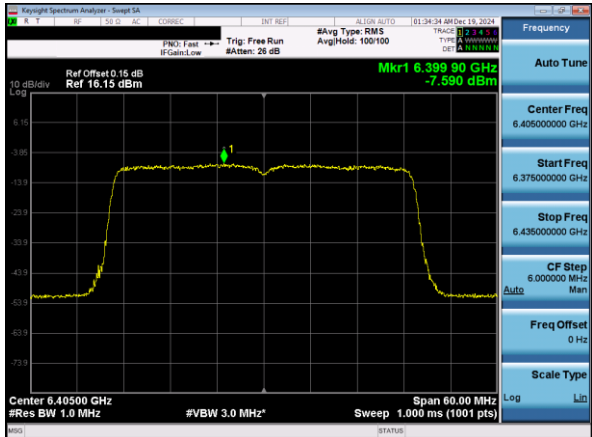
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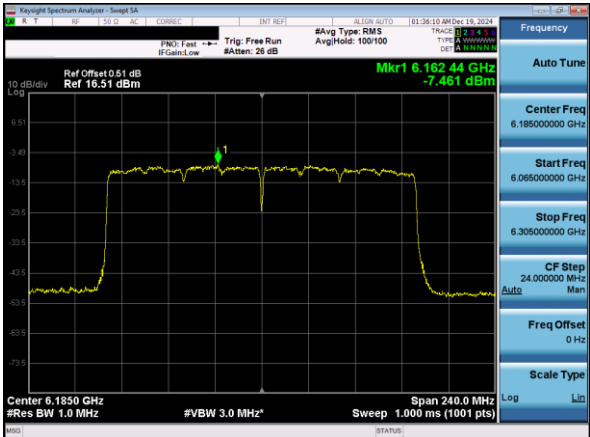
Plot 7-85. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 33)



Plot 7-87. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 87)

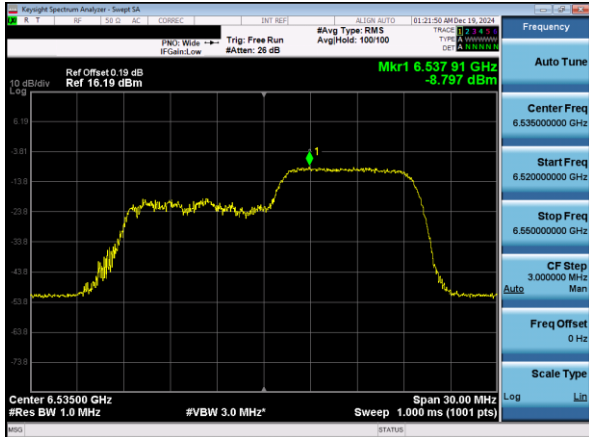


Plot 7-86. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 91)

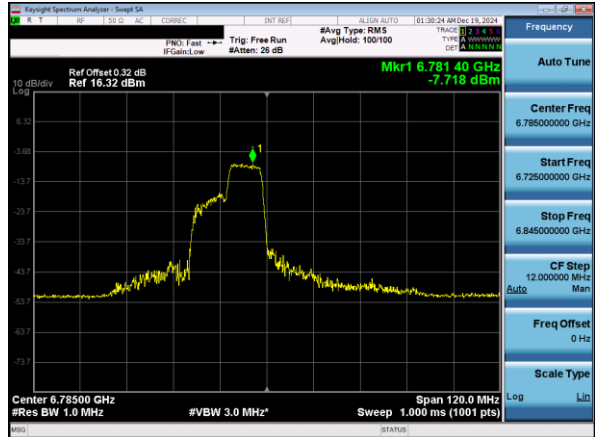


Plot 7-88. PSD Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

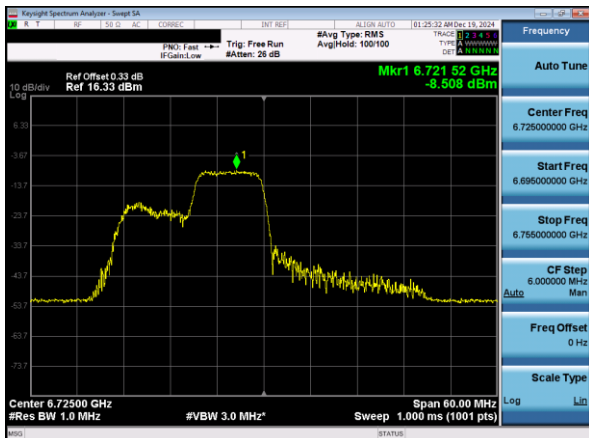
FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 72 of 223



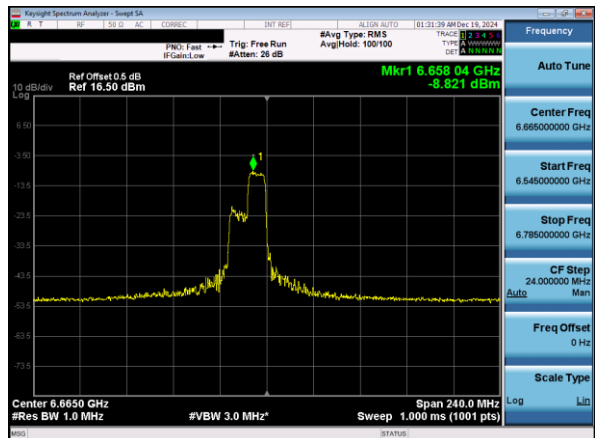
Plot 7-89. PSD Plot Antenna 1b (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 117)



Plot 7-91. PSD Plot Antenna 1b (80MHz 802.11ax RU106 (UNII Band 7) – Ch. 167)

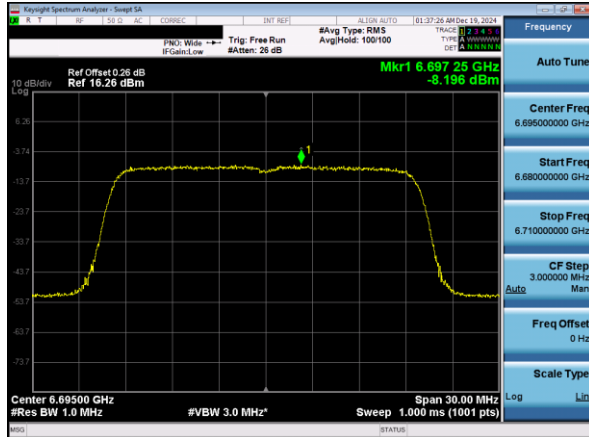


Plot 7-90. PSD Plot Antenna 1b (40MHz 802.11ax RU106 (UNII Band 7) – Ch. 155)

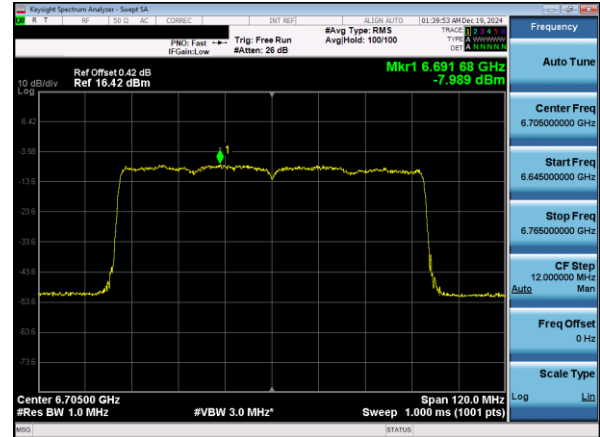


Plot 7-92. PSD Plot Antenna 1b (160MHz 802.11ax RU106 (UNII Band 7) – Ch. 143)

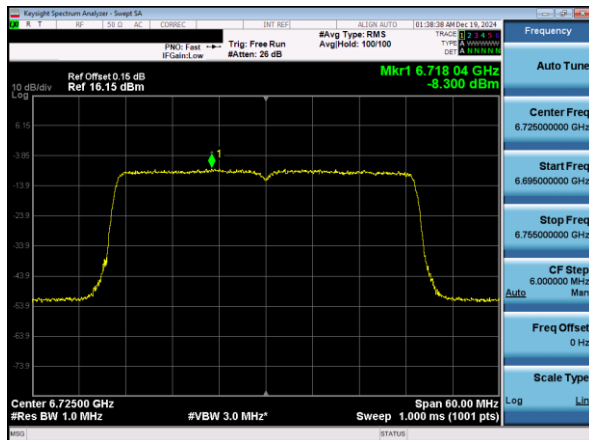
FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 73 of 223



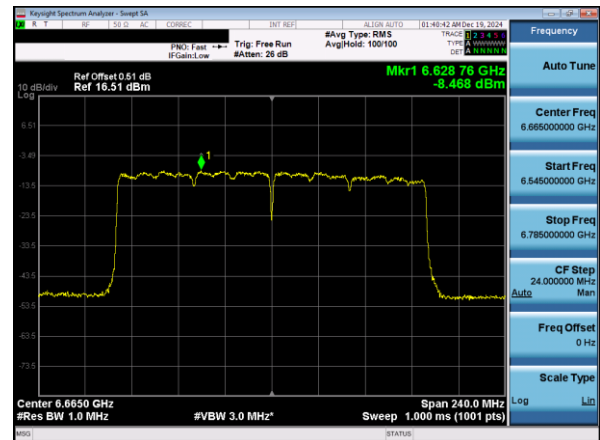
Plot 7-93. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-95. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-94. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



Plot 7-96. PSD Plot Antenna 1b (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: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 74 of 223

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7.4.4 SDM Primary Power Spectral Density Measurements – VLP

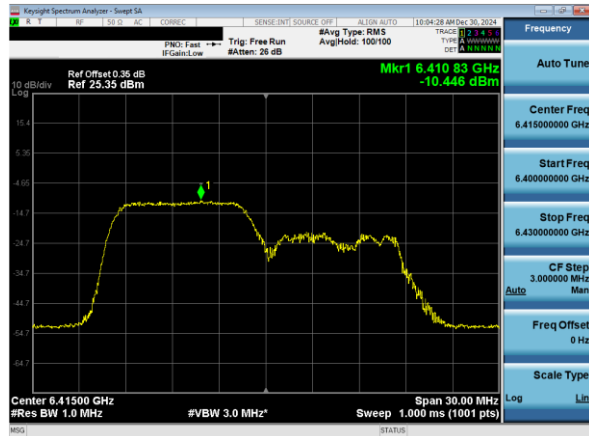
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 3a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	106	53	SDM	106.3/125 (MCS11)	-11.69	-11.02	-8.33	0.91	-7.41	-5	-2.41
	6115	33	ax (20MHz)	106	54	SDM	106.3/125 (MCS11)	-11.86	-10.56	-8.15	0.91	-7.23	-5	-2.23
	6255	61	ax (20MHz)	106	53	SDM	106.3/125 (MCS11)	-10.72	-10.55	-7.62	0.91	-6.71	-5	-1.71
	6255	61	ax (20MHz)	106	54	SDM	106.3/125 (MCS11)	-10.58	-10.96	-7.75	0.91	-6.84	-5	-1.84
	6415	93	ax (20MHz)	106	53	SDM	106.3/125 (MCS11)	-10.45	-10.55	-7.49	0.91	-6.57	-5	-1.57
	6415	93	ax (20MHz)	106	54	SDM	106.3/125 (MCS11)	-10.51	-10.52	-7.51	0.91	-6.59	-5	-1.59
	6125	35	ax (40MHz)	106	53	SDM	106.3/125 (MCS11)	-11.20	-11.41	-8.29	0.91	-7.38	-5	-2.38
	6125	35	ax (40MHz)	106	54	SDM	106.3/125 (MCS11)	-12.02	-10.74	-8.32	0.91	-7.40	-5	-2.40
	6125	35	ax (40MHz)	106	56	SDM	106.3/125 (MCS11)	-11.83	-10.88	-8.32	0.91	-7.40	-5	-2.40
	6245	59	ax (40MHz)	106	53	SDM	106.3/125 (MCS11)	-11.12	-11.29	-8.19	0.91	-7.28	-5	-2.28
	6245	59	ax (40MHz)	106	54	SDM	106.3/125 (MCS11)	-11.22	-10.69	-7.93	0.91	-7.02	-5	-2.02
	6245	59	ax (40MHz)	106	56	SDM	106.3/125 (MCS11)	-11.14	-10.88	-8.00	0.91	-7.08	-5	-2.08
	6405	91	ax (40MHz)	106	53	SDM	106.3/125 (MCS11)	-10.81	-10.83	-7.81	0.91	-6.90	-5	-1.90
	6405	91	ax (40MHz)	106	54	SDM	106.3/125 (MCS11)	-10.79	-11.01	-7.89	0.91	-6.97	-5	-1.97
	6405	91	ax (40MHz)	106	56	SDM	106.3/125 (MCS11)	-10.61	-10.82	-7.70	0.91	-6.79	-5	-1.79
	6145	39	ax (80MHz)	106	53	SDM	106.3/125 (MCS11)	-11.37	-11.06	-8.20	0.91	-7.29	-5	-2.29
	6145	39	ax (80MHz)	106	56	SDM	106.3/125 (MCS11)	-11.39	-11.47	-8.42	0.91	-7.50	-5	-2.50
	6145	39	ax (80MHz)	106	60	SDM	106.3/125 (MCS11)	-11.15	-10.98	-8.05	0.91	-7.14	-5	-2.14
	6225	55	ax (80MHz)	106	53	SDM	106.3/125 (MCS11)	-10.78	-10.35	-7.55	0.91	-6.63	-5	-1.63
	6225	55	ax (80MHz)	106	56	SDM	106.3/125 (MCS11)	-11.58	-10.69	-8.10	0.91	-7.19	-5	-2.19
	6225	55	ax (80MHz)	106	60	SDM	106.3/125 (MCS11)	-11.39	-11.14	-8.25	0.91	-7.34	-5	-2.34
	6385	87	ax (80MHz)	106	53	SDM	106.3/125 (MCS11)	-11.32	-11.05	-8.17	0.91	-7.26	-5	-2.26
	6385	87	ax (80MHz)	106	56	SDM	106.3/125 (MCS11)	-11.33	-10.98	-8.14	0.91	-7.23	-5	-2.23
	6385	87	ax (80MHz)	106	60	SDM	106.3/125 (MCS11)	-11.99	-10.60	-8.23	0.91	-7.32	-5	-2.32
	6185	47 (L)	ax (160MHz)	106	53	SDM	106.3/125 (MCS11)	-11.70	-10.72	-8.17	1.50	-6.67	-5	-1.67
	6185		ax (160MHz)	106	60	SDM	106.3/125 (MCS11)	-11.18	-10.85	-8.00	1.50	-6.50	-5	-1.50
	6185	47 (U)	ax (160MHz)	106	60	SDM	106.3/125 (MCS11)	-11.13	-11.01	-8.05	1.50	-6.55	-5	-1.55
	6345		ax (160MHz)	106	53	SDM	106.3/125 (MCS11)	-11.82	-10.99	-8.38	1.50	-6.87	-5	-1.87
	6345	79 (L)	ax (160MHz)	106	60	SDM	106.3/125 (MCS11)	-11.15	-11.42	-8.27	1.50	-6.77	-5	-1.77
	6345		ax (160MHz)	106	60	SDM	106.3/125 (MCS11)	-11.79	-10.64	-8.16	1.50	-6.66	-5	-1.66
Band 7	6565	123	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.26	-11.89	-8.55	1.50	-7.05	-5	-2.05
	6565	123	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.28	-11.91	-8.57	1.50	-7.07	-5	-2.07
	6725	155	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.14	-10.98	-8.05	1.50	-6.55	-5	-1.55
	6725	155	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.28	-11.09	-8.17	1.50	-6.67	-5	-1.67
	6845	179	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.12	-10.50	-7.79	1.50	-6.29	-5	-1.29
	6845	179	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.49	-10.85	-8.15	1.50	-6.64	-5	-1.64
	6625	135	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.98	-11.52	-8.23	1.50	-6.73	-5	-1.73
	6625	135	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.60	-11.19	-8.38	1.50	-6.87	-5	-1.87
	6625	135	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.26	-11.11	-8.17	1.50	-6.67	-5	-1.67
	6705	151	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.78	-10.80	-7.78	1.50	-6.28	-5	-1.28
	6705	151	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.88	-11.23	-8.53	1.50	-7.03	-5	-2.03
	6705	151	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-10.96	-11.03	-7.99	1.50	-6.48	-5	-1.48
	6785	167	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.63	-11.03	-7.82	1.50	-6.31	-5	-1.31
	6785	167	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.57	-11.98	-8.76	1.50	-7.26	-5	-2.26
	6785	167	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.23	-10.73	-7.96	1.50	-6.46	-5	-1.46
	6665	143 (L)	ax (160MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.84	-11.58	-8.18	1.50	-6.68	-5	-1.68
	6665		ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-10.86	-11.35	-8.09	1.50	-6.58	-5	-1.58
	6665	143 (U)	ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.04	-10.66	-7.83	1.50	-6.33	-5	-1.33

Table 7-69. Power Spectral Density Measurements SDM Primary (Partially-Loaded RU)

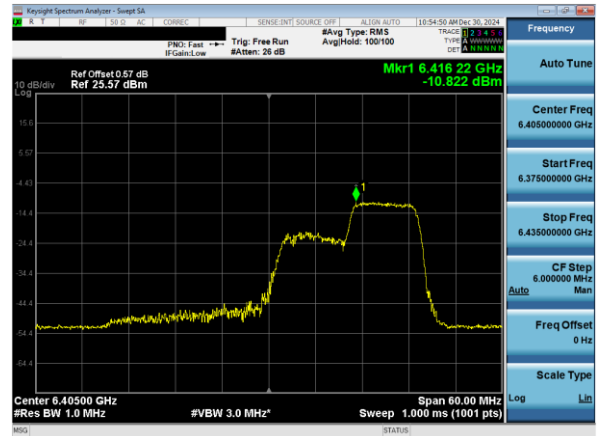
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 3a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.04	-9.51	-6.76	0.91	-5.84	-5	-0.84
	6255	61	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.32	-9.99	-7.14	0.91	-6.23	-5	-1.23
	6415	93	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-9.92	-10.82	-7.34	0.91	-6.42	-5	-1.42
	6125	35	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.91	-9.99	-6.94	0.91	-6.02	-5	-1.02
	6245	59	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.73	-9.80	-6.75	0.91	-5.84	-5	-0.84
	6405	91	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.96	-9.65	-6.79	0.91	-5.88	-5	-0.88
	6145	39	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.35	-10.50	-7.41	0.91	-6.50	-5	-1.50
	6225	55	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.13	-10.26	-7.18	0.91	-6.27	-5	-1.27
	6385	87	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.07	-9.90	-6.97	0.91	-6.06	-5	-1.06
	6185	47	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-10.13	-9.87	-6.99	0.91	-6.07	-5	-1.07
	6345	79	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-10.00	-10.18	-7.08	0.91	-6.17	-5	-1.17
Band 7	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.40	-11.57	-8.47	1.50	-6.97	-5	-1.97
	6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.19	-11.12	-8.14	1.50	-6.64	-5	-1.64
	6855	181	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.22	-10.92	-8.05	1.50	-6.55	-5	-1.55
	6565	123	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.68	-11.79	-8.72	1.50	-7.22	-5	-2.22
	6725	155	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.22	-11.54	-8.37	1.50	-6.86	-5	-1.86
	6845	179	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.10	-10.97	-8.02	1.50	-6.52	-5	-1.52
	6625	135	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.39	-11.84	-8.60	1.50	-7.10	-5	-2.10
	6705	151	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.48	-11.46	-8.46	1.50	-6.96	-5	-1.96
	6785	167	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.16	-11.19	-8.17	1.50	-6.66	-5	-1.66
	6665	143	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-11.89	-11.68	-8.77	1.50	-7.27	-5	-2.27

Table 7-70. Power Spectral Density Measurements SDM Primary (Fully-loaded RU)

FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG		Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 75 of 223



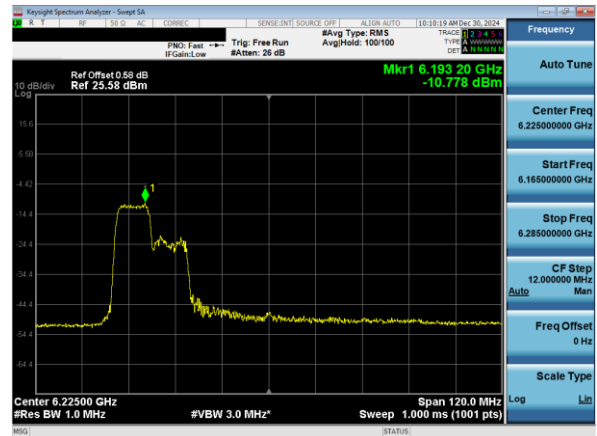
Plot 7-97. PSD Plot Antenna 3c (20MHz 802.11ax RU106 (UNII Band 5) - Ch. 93)



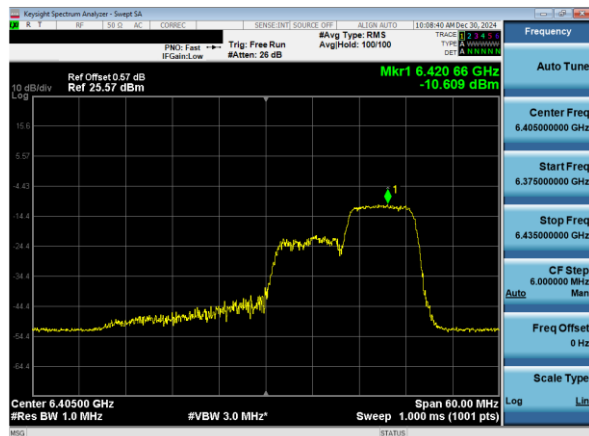
Plot 7-100. PSD Plot Antenna 3a (40MHz 802.11ax RU106 (UNII Band 5) - Ch. 91)



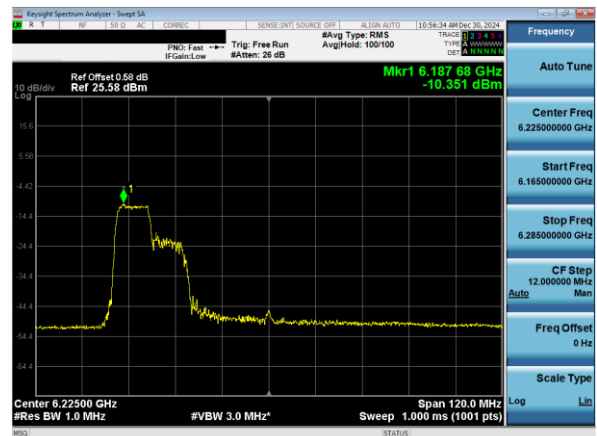
Plot 7-98. PSD Plot Antenna 3a (20MHz 802.11ax RU106 (UNII Band 5) - Ch. 93)



Plot 7-101. PSD Plot Antenna 3c (80MHz 802.11ax RU106 (UNII Band 5) - Ch. 55)



Plot 7-99. PSD Plot Antenna 3c (40MHz 802.11ax RU106 (UNII Band 5) - Ch. 91)

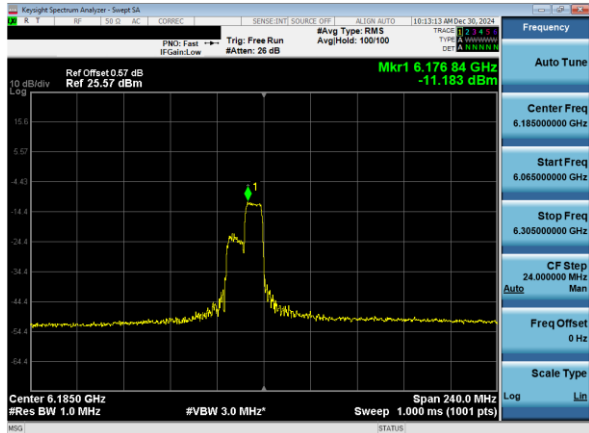


Plot 7-102. PSD Plot Antenna 3a (80MHz 802.11ax RU106 (UNII Band 5) - Ch. 55)

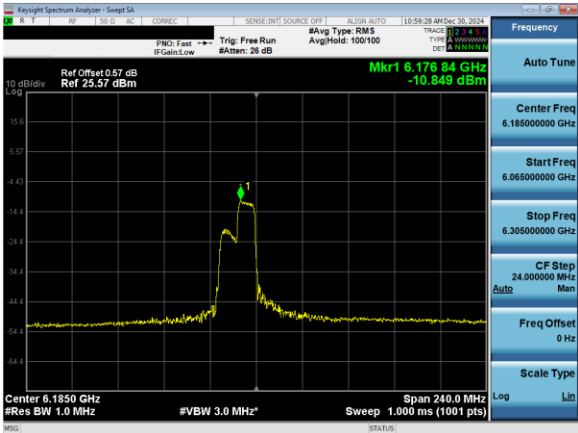
FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 76 of 223

V 10.6 10/27/2023

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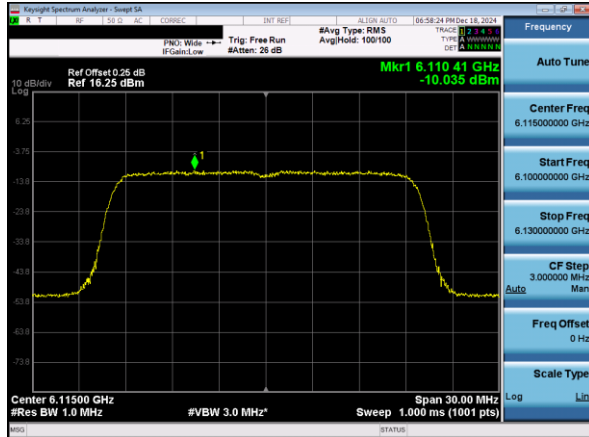


Plot 7-103. PSD Plot Antenna 3c (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)

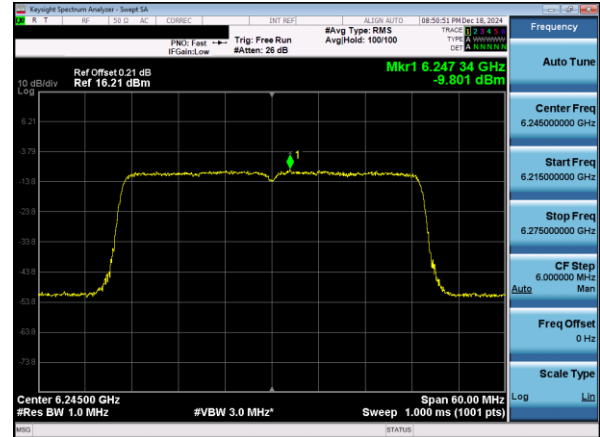


Plot 7-104. PSD Plot Antenna 3a (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)

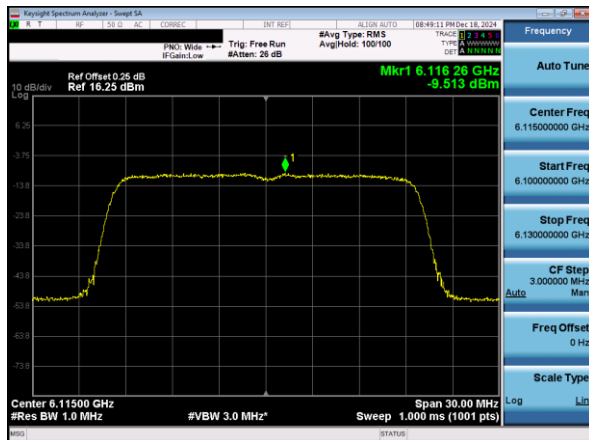
FCC ID: BCGA3267 IC: 579C-A3267		element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025			
		EUT Type:	Tablet Device	Page 77 of 223



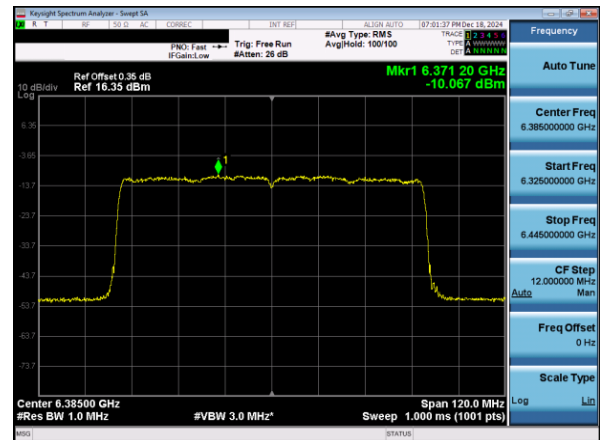
Plot 7-105. PSD Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 33)



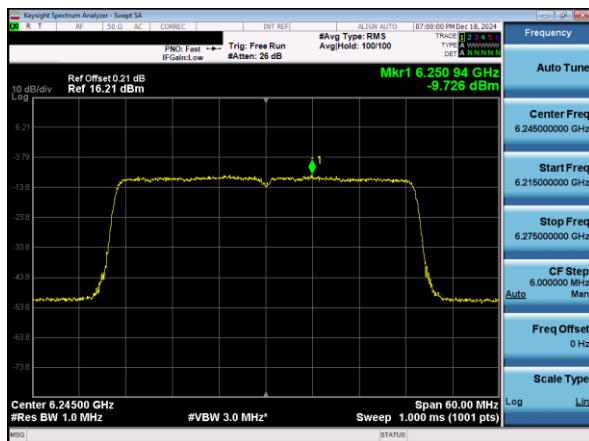
Plot 7-108. PSD Plot Antenna 3a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 59)



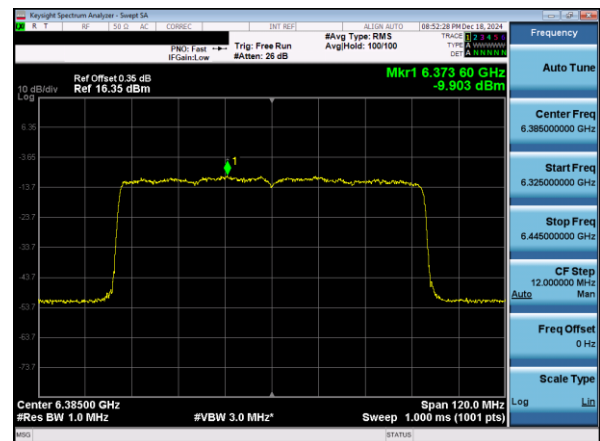
Plot 7-106. PSD Plot Antenna 3a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 33)



Plot 7-109. PSD Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 87)

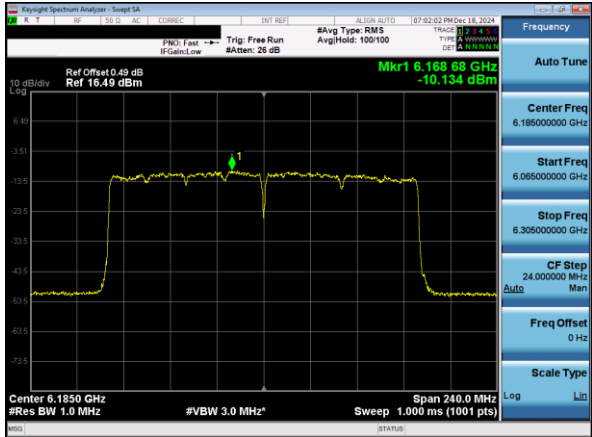


Plot 7-107. PSD Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 59)

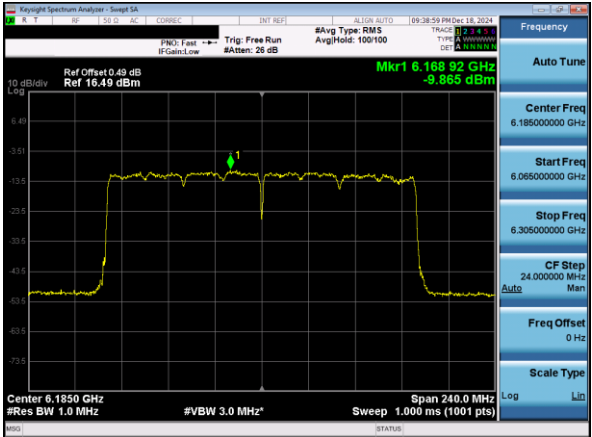


Plot 7-110. PSD Plot Antenna 3a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 87)

FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 78 of 223

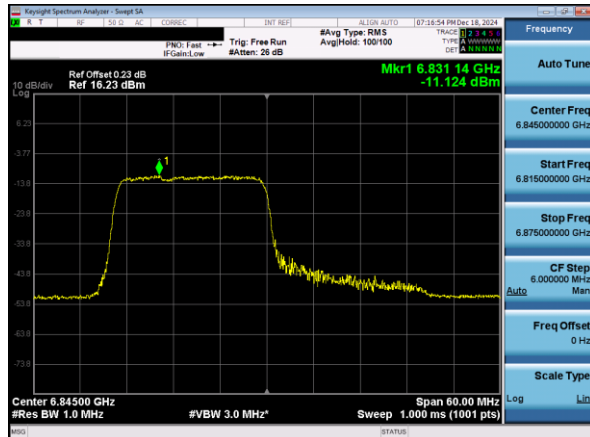


Plot 7-111. PSD Plot Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

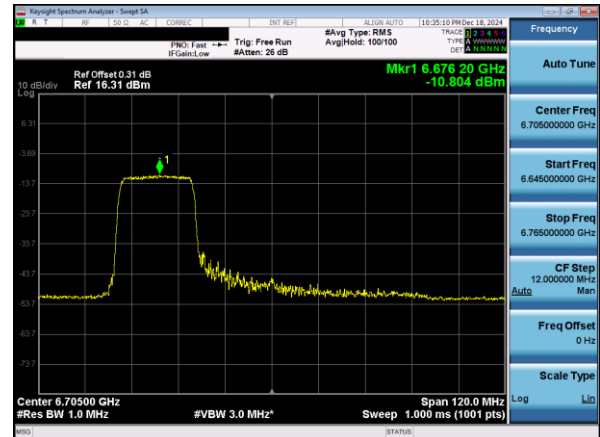


Plot 7-112. PSD Plot Antenna 3a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

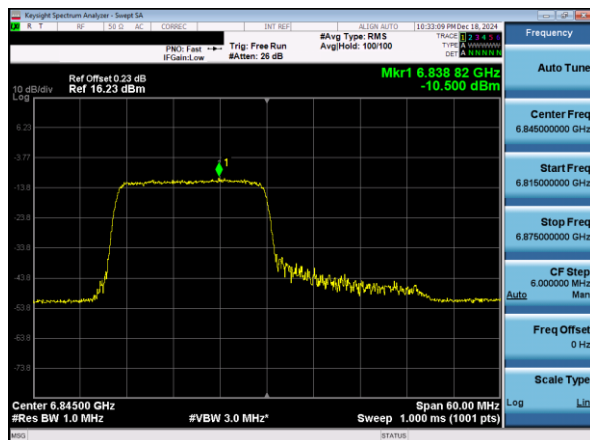
FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 79 of 223



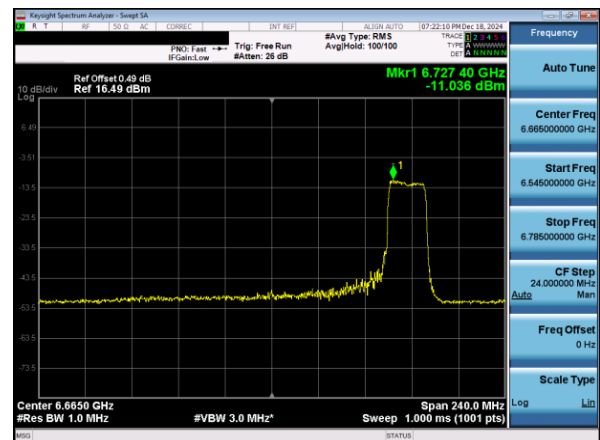
Plot 7-113. PSD Plot Antenna 3c (40MHz 802.11ax RU242 (UNII Band 7) - Ch. 179)



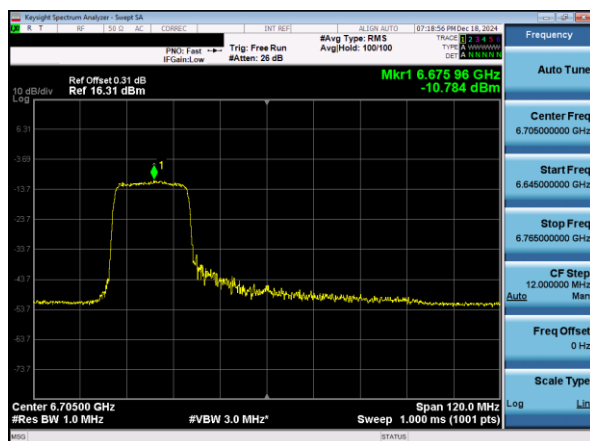
Plot 7-116. PSD Plot Antenna 3a (80MHz 802.11ax RU242 (UNII Band 7) - Ch. 151)



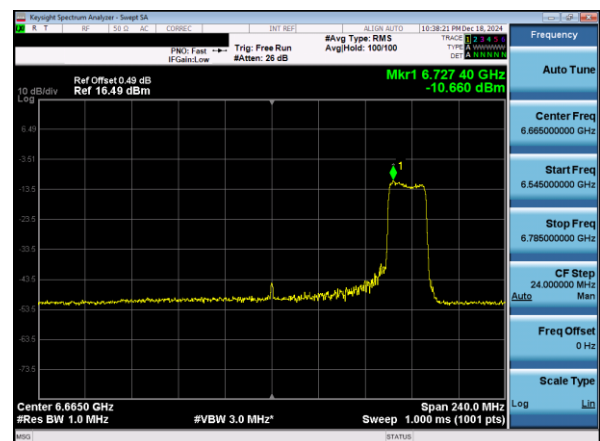
Plot 7-114. PSD Plot Antenna 3a (40MHz 802.11ax RU242 (UNII Band 7) - Ch. 179)



Plot 7-117. PSD Plot Antenna 3c (160MHz 802.11ax RU242 (UNII Band 7) - Ch. 143)

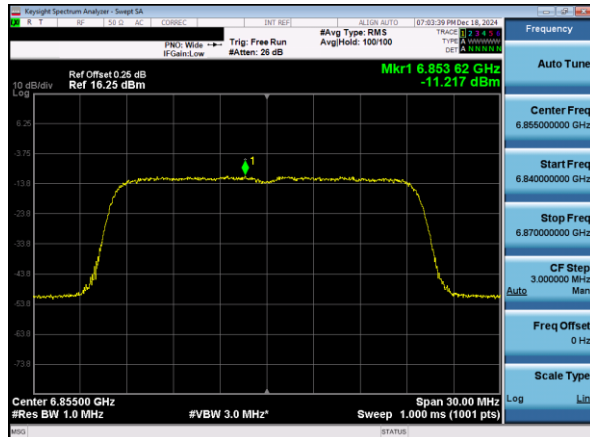


Plot 7-115. PSD Plot Antenna 3c (80MHz 802.11ax RU242 (UNII Band 7) - Ch. 151)

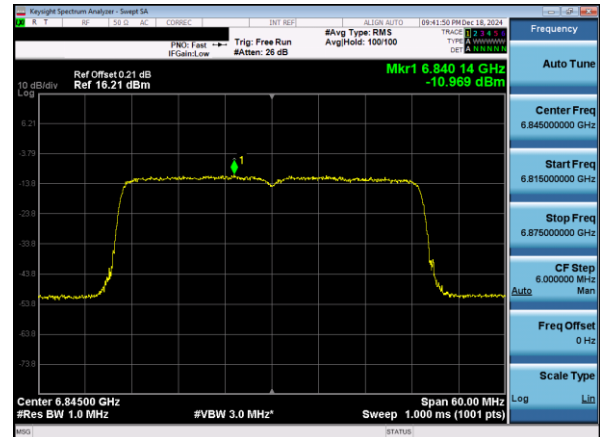


Plot 7-118. PSD Plot Antenna 3a (160MHz 802.11ax RU242 (UNII Band 7) - Ch. 143)

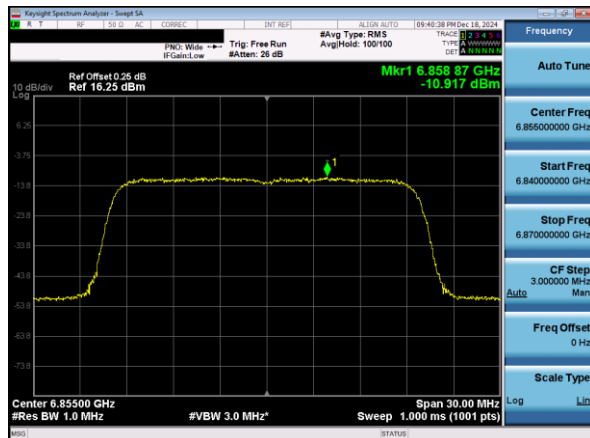
FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 80 of 223



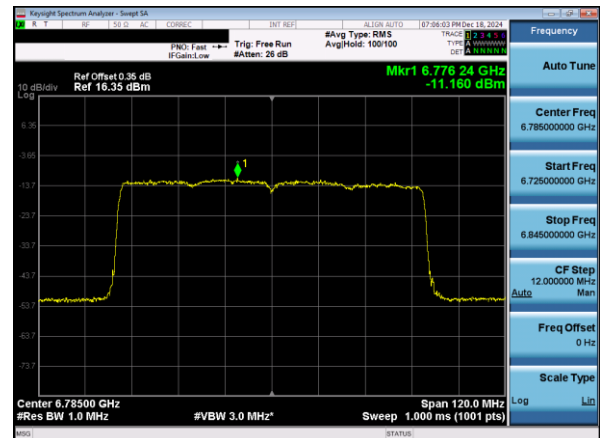
Plot 7-119. PSD Plot Antenna 3c (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 181)



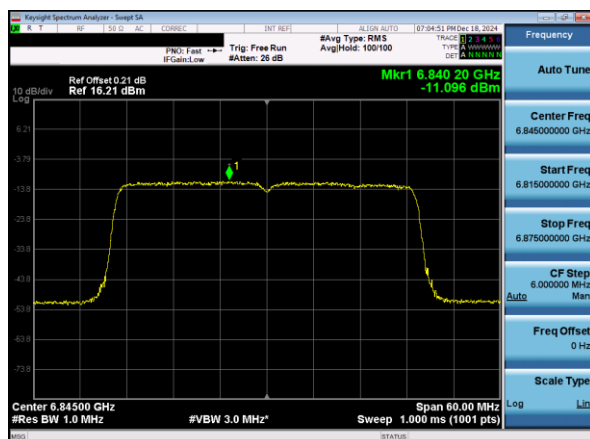
Plot 7-122. PSD Plot Antenna 3a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 179)



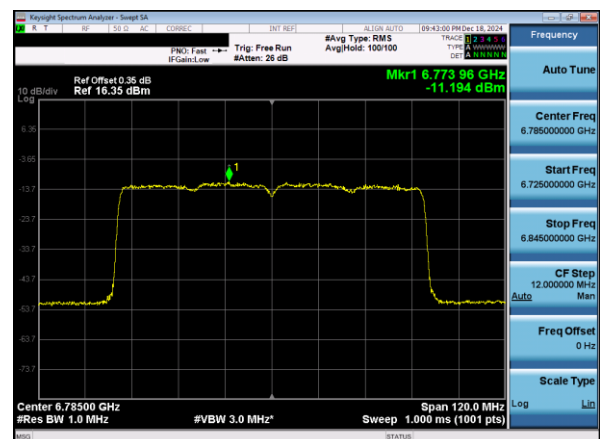
Plot 7-120. PSD Plot Antenna 3a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 181)



Plot 7-123. PSD Plot Antenna 3c (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 167)



Plot 7-121. PSD Plot Antenna 3c (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 179)



Plot 7-124. PSD Plot Antenna 3a (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 167)

FCC ID: BCGA3267 IC: 579C-A3267	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 81 of 223

7.4.5 SDM Diversity Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	106	53	SDM	106.3/125 (MCS11)	-11.69	-10.42	-8.00	0.73	-7.27	-5	-2.27
	6115	33	ax (20MHz)	106	54	SDM	106.3/125 (MCS11)	-11.86	-10.63	-8.19	0.73	-7.46	-5	-2.46
	6255	61	ax (20MHz)	106	53	SDM	106.3/125 (MCS11)	-10.72	-10.61	-7.65	0.73	-6.93	-5	-1.93
	6255	61	ax (20MHz)	106	54	SDM	106.3/125 (MCS11)	-10.58	-10.50	-7.53	0.73	-6.80	-5	-1.80
	6415	93	ax (20MHz)	106	53	SDM	106.3/125 (MCS11)	-10.45	-10.51	-7.47	0.73	-6.74	-5	-1.74
	6415	93	ax (20MHz)	106	54	SDM	106.3/125 (MCS11)	-10.51	-10.39	-7.44	0.73	-6.72	-5	-1.72
	6125	35	ax (40MHz)	106	53	SDM	106.3/125 (MCS11)	-11.20	-10.50	-7.82	0.73	-7.10	-5	-2.10
	6125	35	ax (40MHz)	106	54	SDM	106.3/125 (MCS11)	-12.02	-10.65	-8.27	0.73	-7.54	-5	-2.54
	6125	35	ax (40MHz)	106	56	SDM	106.3/125 (MCS11)	-11.83	-10.41	-8.05	0.73	-7.32	-5	-2.32
	6245	59	ax (40MHz)	106	53	SDM	106.3/125 (MCS11)	-11.12	-10.77	-7.93	0.73	-7.20	-5	-2.20
	6245	59	ax (40MHz)	106	54	SDM	106.3/125 (MCS11)	-11.22	-11.00	-8.10	0.73	-7.37	-5	-2.37
	6245	59	ax (40MHz)	106	56	SDM	106.3/125 (MCS11)	-11.14	-10.58	-7.84	0.73	-7.11	-5	-2.11
	6405	91	ax (40MHz)	106	53	SDM	106.3/125 (MCS11)	-10.81	-11.10	-7.94	0.73	-7.22	-5	-2.22
	6405	91	ax (40MHz)	106	54	SDM	106.3/125 (MCS11)	-10.79	-10.46	-7.61	0.73	-6.88	-5	-1.88
	6405	91	ax (40MHz)	106	56	SDM	106.3/125 (MCS11)	-10.61	-10.97	-7.77	0.73	-7.05	-5	-2.05
	6145	39	ax (80MHz)	106	53	SDM	106.3/125 (MCS11)	-11.37	-10.98	-8.16	0.73	-7.43	-5	-2.43
	6145	39	ax (80MHz)	106	56	SDM	106.3/125 (MCS11)	-11.39	-10.95	-8.15	0.73	-7.43	-5	-2.43
	6145	39	ax (80MHz)	106	60	SDM	106.3/125 (MCS11)	-11.15	-10.29	-7.69	0.73	-6.96	-5	-1.96
	6225	55	ax (80MHz)	106	53	SDM	106.3/125 (MCS11)	-10.78	-11.05	-7.90	0.73	-7.17	-5	-2.17
	6225	55	ax (80MHz)	106	56	SDM	106.3/125 (MCS11)	-11.58	-10.33	-7.90	0.73	-7.17	-5	-2.17
	6225	55	ax (80MHz)	106	60	SDM	106.3/125 (MCS11)	-11.39	-10.77	-8.06	0.73	-7.33	-5	-2.33
	6385	87	ax (80MHz)	106	53	SDM	106.3/125 (MCS11)	-11.32	-11.24	-8.27	0.73	-7.54	-5	-2.54
	6385	87	ax (80MHz)	106	56	SDM	106.3/125 (MCS11)	-11.33	-11.80	-8.55	0.73	-7.82	-5	-2.82
	6385	87	ax (80MHz)	106	60	SDM	106.3/125 (MCS11)	-11.99	-11.04	-8.48	0.73	-7.75	-5	-2.75
	6185	47 (L)	ax (160MHz)	106	53	SDM	106.3/125 (MCS11)	-11.70	-11.42	-8.55	2.40	-6.15	-5	-1.15
	6185	47 (L)	ax (160MHz)	106	60	SDM	106.3/125 (MCS11)	-11.18	-11.50	-8.33	2.40	-5.93	-5	-0.93
	6185	47 (U)	ax (160MHz)	106	60	SDM	106.3/125 (MCS11)	-11.13	-11.64	-8.36	2.40	-5.96	-5	-0.96
	6345	79 (L)	ax (160MHz)	106	53	SDM	106.3/125 (MCS11)	-11.82	-11.01	-8.38	2.40	-5.99	-5	-0.99
	6345	79 (L)	ax (160MHz)	106	60	SDM	106.3/125 (MCS11)	-11.15	-11.67	-8.39	2.40	-5.99	-5	-0.99
	6345	79 (U)	ax (160MHz)	106	60	SDM	106.3/125 (MCS11)	-11.79	-11.40	-8.58	2.40	-6.18	-5	-1.18
Band 7	6565	123	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.26	-11.74	-8.48	2.40	-6.08	-5	-1.08
	6565	123	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.28	-12.18	-8.69	2.40	-6.30	-5	-1.30
	6725	155	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.14	-10.89	-8.00	2.40	-5.60	-5	-0.60
	6725	155	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.28	-11.04	-8.15	2.40	-5.75	-5	-0.75
	6845	179	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.12	-11.50	-8.30	2.40	-5.90	-5	-0.90
	6845	179	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.49	-11.28	-8.37	2.40	-5.97	-5	-0.97
	6625	135	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.98	-11.01	-7.98	2.40	-5.58	-5	-0.58
	6625	135	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.60	-10.94	-8.24	2.40	-5.85	-5	-0.85
	6625	135	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.26	-10.68	-7.95	2.40	-5.55	-5	-0.55
	6705	151	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.78	-11.49	-8.11	2.40	-5.71	-5	-0.71
	6705	151	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.88	-10.87	-8.33	2.40	-5.94	-5	-0.94
	6705	151	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-10.96	-11.67	-8.29	2.40	-5.89	-5	-0.89
	6785	167	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.63	-11.74	-8.14	2.40	-5.74	-5	-0.74
	6785	167	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.57	-10.99	-8.26	2.40	-5.86	-5	-0.86
	6785	167	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.23	-11.00	-8.11	2.40	-5.71	-5	-0.71
	6665	143 (L)	ax (160MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.84	-11.89	-8.32	2.40	-5.92	-5	-0.92
	6665	143 (L)	ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-10.86	-11.79	-8.29	2.40	-5.89	-5	-0.89
	6665	143 (U)	ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.04	-11.48	-8.24	2.40	-5.85	-5	-0.85

Table 7-71. Power Spectral Density Measurements SDM Diversity (Partially-Loaded RU)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	33	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.04	-9.50	-6.75	0.73	-6.02	-5	-1.02
	6175	61	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.32	-9.60	-6.93	0.73	-6.21	-5	-1.21
	6415	93	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-9.92	-9.91	-6.90	0.73	-6.18	-5	-1.18
	5965	35	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.91	-9.49	-6.68	0.73	-5.96	-5	-0.96
	6165	59	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.73	-9.72	-6.71	0.73	-5.99	-5	-0.99
	6165	91	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.96	-10.04	-6.99	0.73	-6.26	-5	-1.26
	5985	39	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.35	-10.42	-7.37	0.73	-6.65	-5	-1.65
	6145	55	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.13	-10.23	-7.17	0.73	-6.45	-5	-1.45
	6385	87	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.07	-9.83	-6.94	0.73	-6.21	-5	-1.21
	6181	47	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-10.13	-10.39	-7.25	0.73	-6.52	-5	-1.52
Band 7	6345	79	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-10.00	-10.16	-7.07	0.73	-6.34	-5	-1.34
	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.40	-11.46	-8.42	2.40	-6.02	-5	-1.02
	6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.19	-11.24	-8.21	2.40	-5.81	-5	-0.81
	6875	181	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.22	-11.17	-8.18	2.40	-5.78	-5	-0.78
	6565	123	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.68	-12.34	-8.99	2.40	-6.59	-5	-1.59
	6725	155	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.22	-11.96	-8.56	2.40	-6.16	-5	-1.16
	6845	179	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.10	-10.99	-8.03	2.40	-5.63	-5	-0.63
	6545	135	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.39	-10.78	-8.06	2.40	-5.66	-5	-0.66
	6705	151	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.48	-10.50	-7.95	2.40	-5.55	-5	-0.55
	6865	167	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.16	-12.13	-8.61	2.40	-6.21	-5	-1.21
	6665	143	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-11.89	-11.33	-8.59	2.40	-6.19	-5	-1.19

Table 7-72. Power Spectral Density Measurements SDM Diversity (Fully-loaded RU)

FCC ID: BCGA3267 IC: 579C-A3267		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210073-26.BCG	Test Dates: 10/25/2024 - 1/6/2025	EUT Type: Tablet Device	Page 83 of 223

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