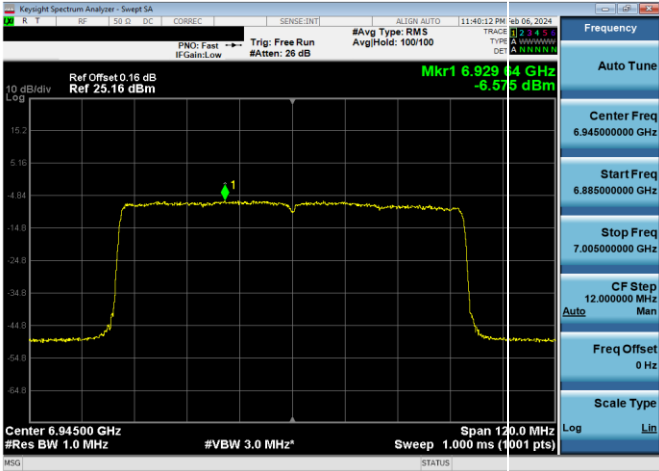




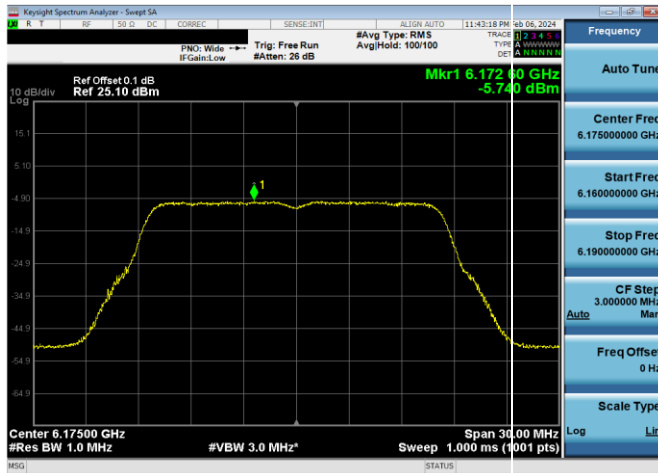
Plot 7-289. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS2)



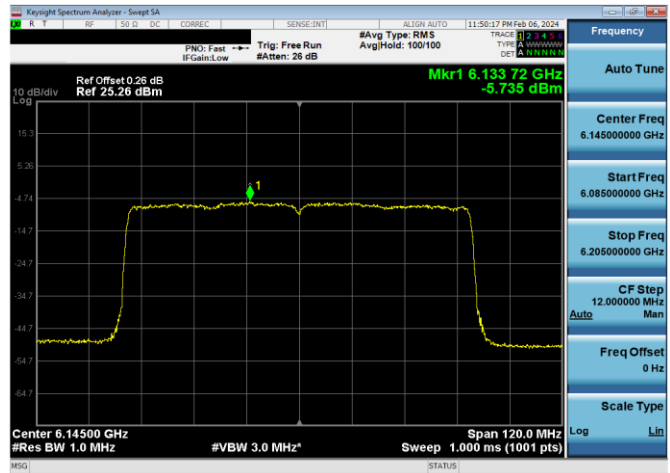
Plot 7-290. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS2)

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 139 of 510	

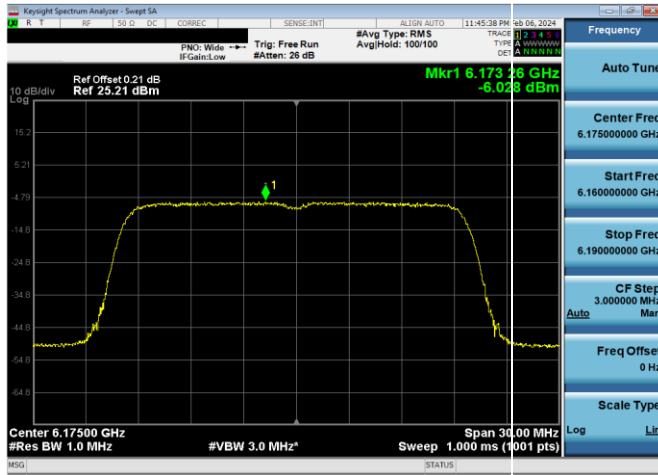
Mid Data Rate



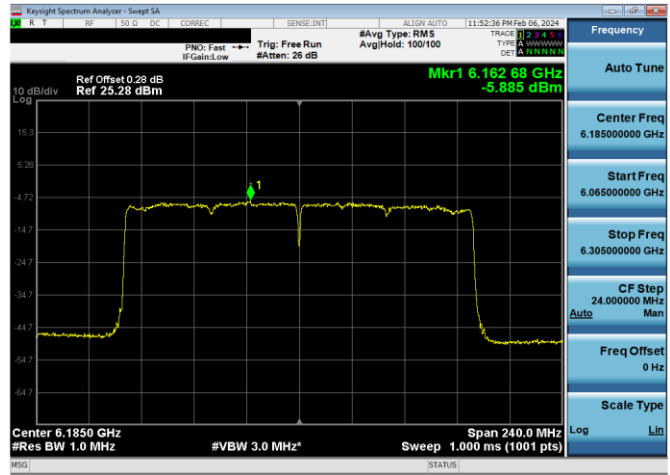
Plot 7-291. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



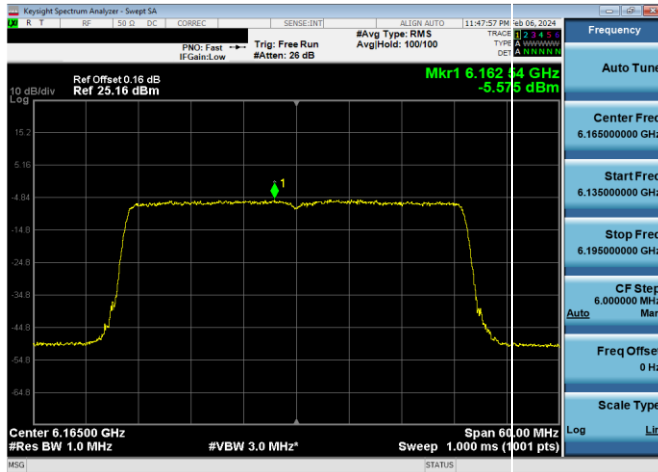
Plot 7-294. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



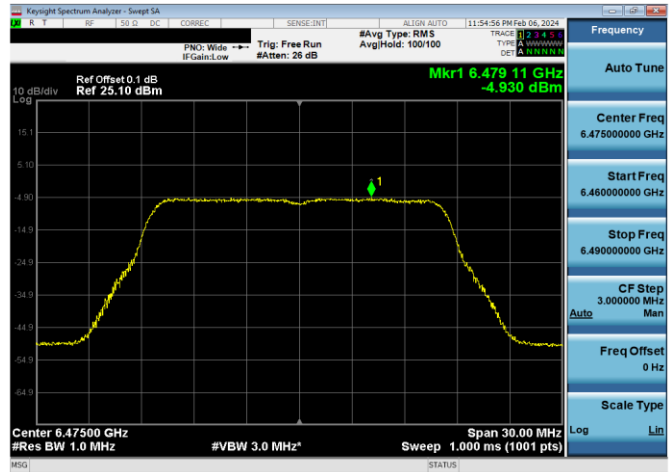
Plot 7-292. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-295. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)

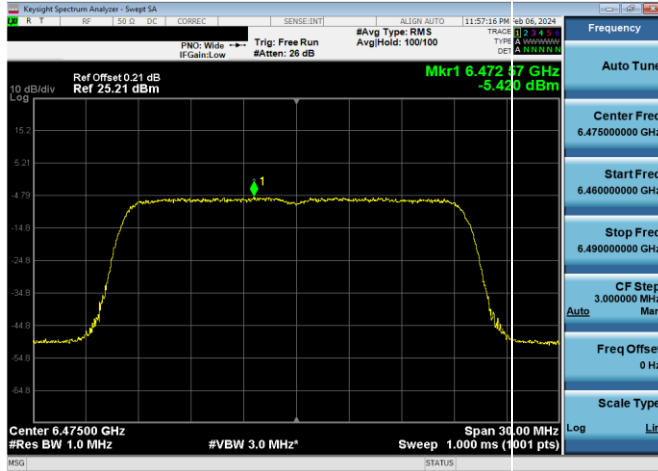


Plot 7-293. Power Spectral Density Plot Antenna 4a LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)



Plot 7-296. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11a (UNII Band 6) – Ch. 105, 24Mbps)

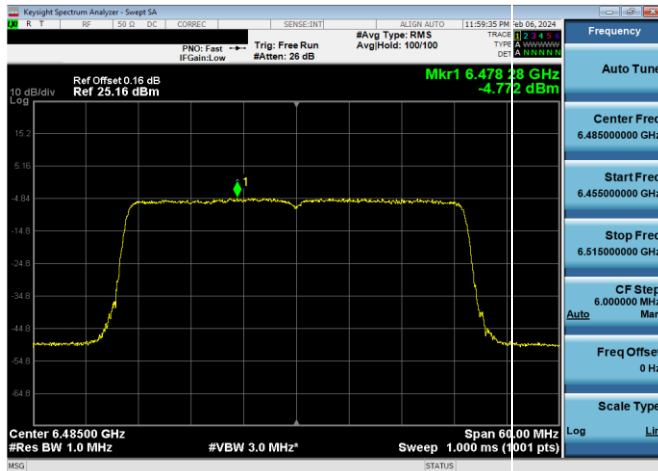
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 140 of 510



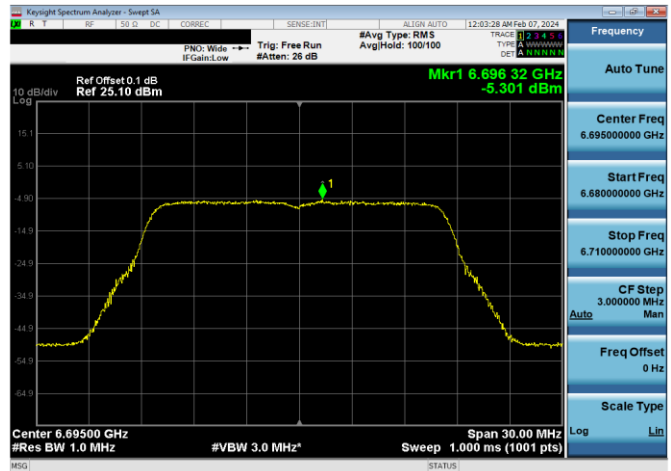
Plot 7-297. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



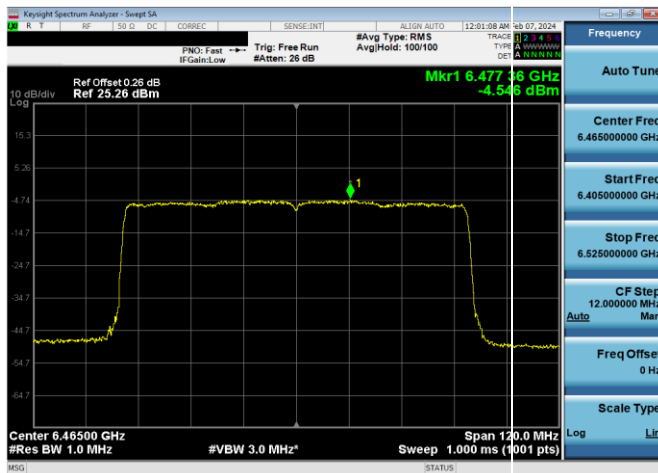
Plot 7-300. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)



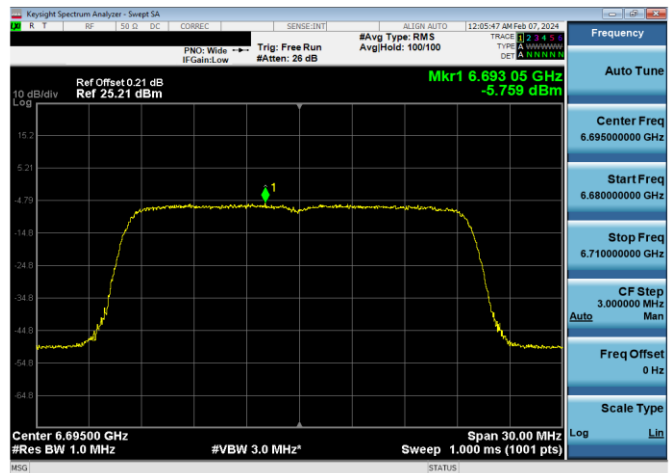
Plot 7-298. Power Spectral Density Plot Antenna 4a LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-301. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

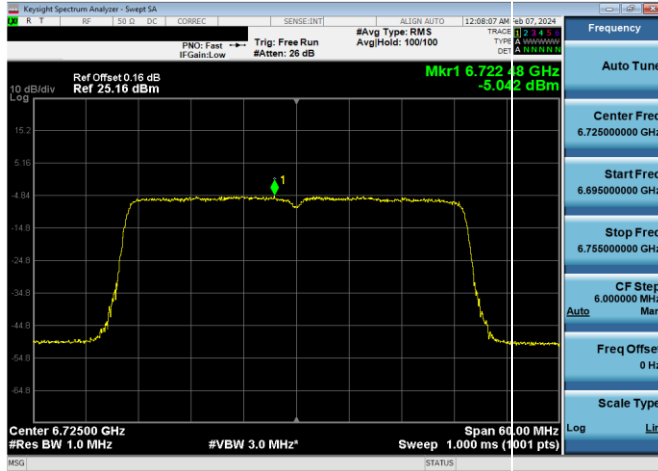


Plot 7-299. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)

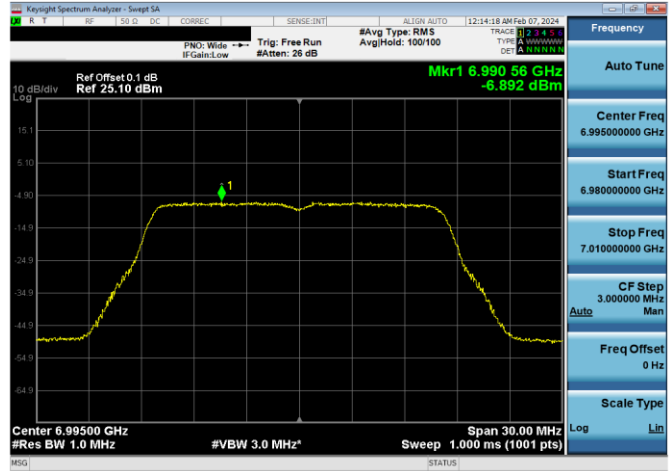


Plot 7-302. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

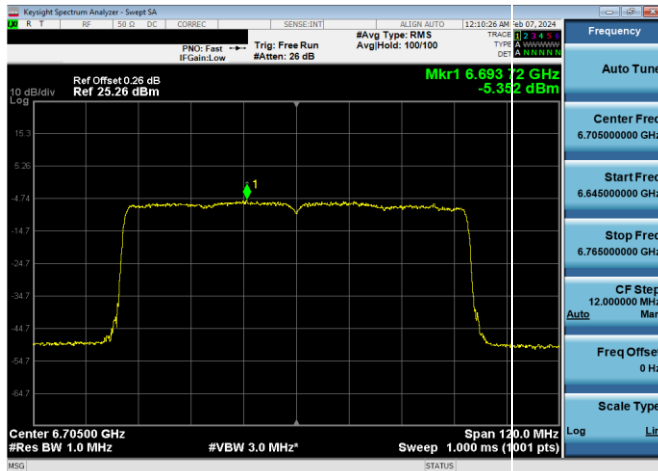
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 141 of 510



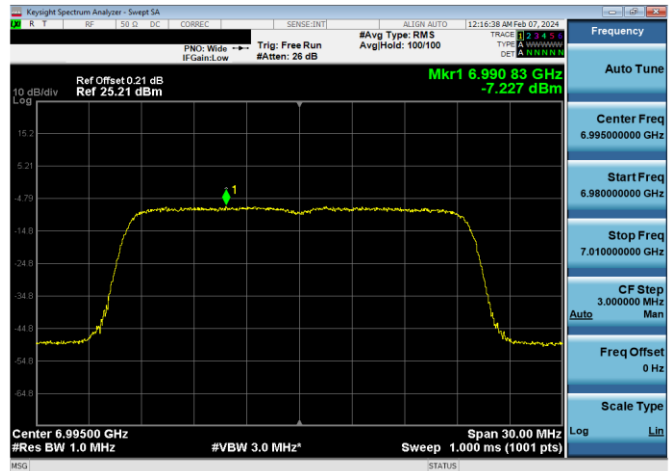
Plot 7-303. Power Spectral Density Plot Antenna 4a LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



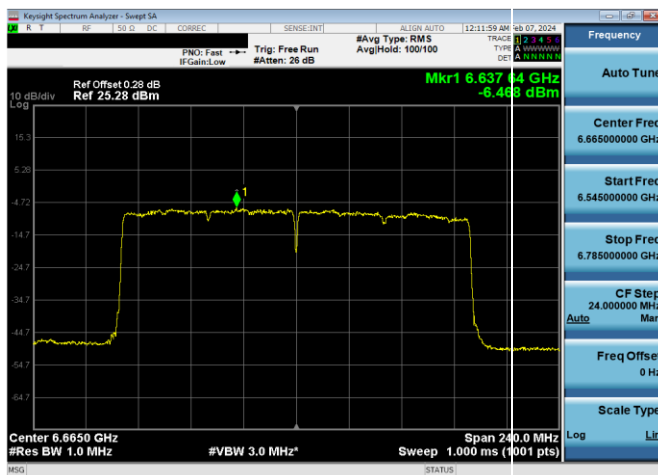
Plot 7-306. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 24Mbps)



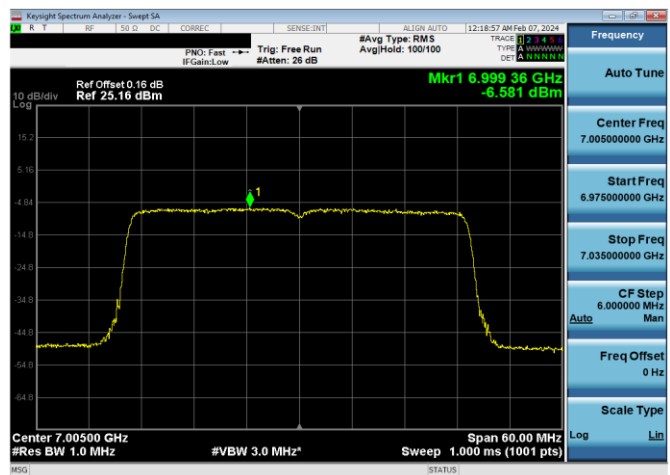
Plot 7-304. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-307. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS4)

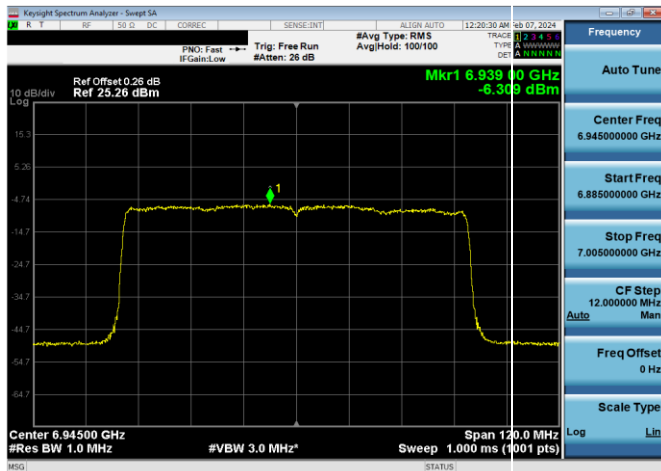


Plot 7-305. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)



Plot 7-308. Power Spectral Density Plot Antenna 4a LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS4)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 142 of 510



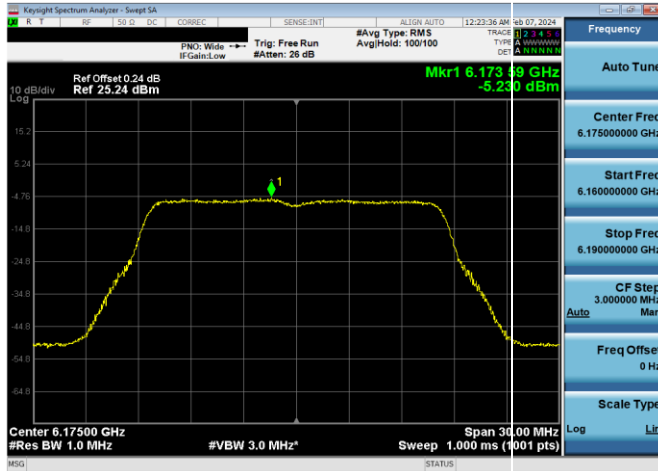
Plot 7-309. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS4)



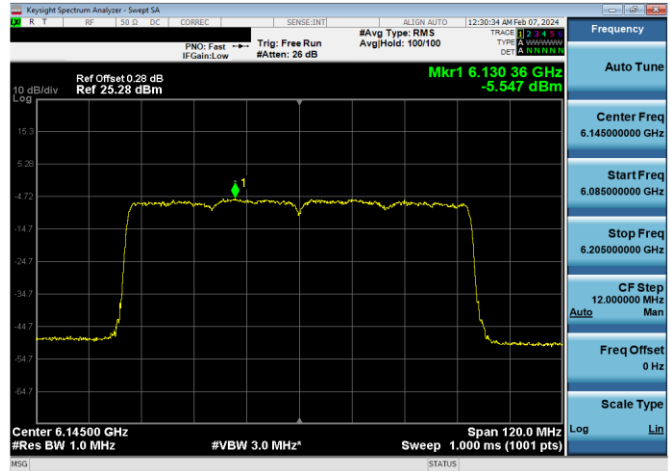
Plot 7-310. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS4)

FCC ID: BCGA2837 IC: 579C-A2837		element		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager	
Test Report S/N: 1C2311270068-24-R2.BCG		Test Dates: 11/28/2023 - 04/04/2024		EUT Type: Tablet Device		Page 143 of 510	

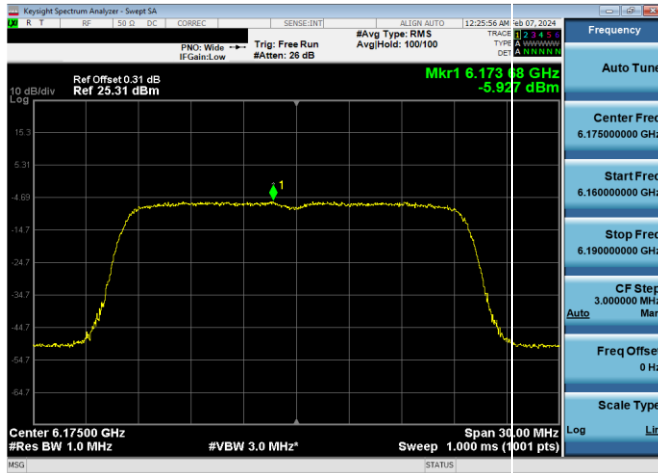
High Data Rate



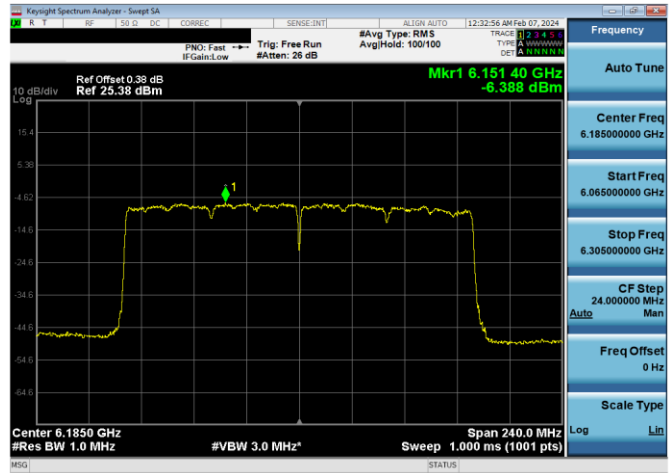
Plot 7-311. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



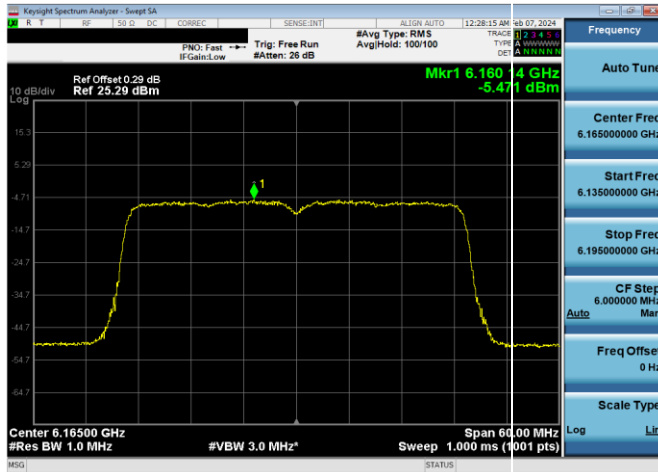
Plot 7-314. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



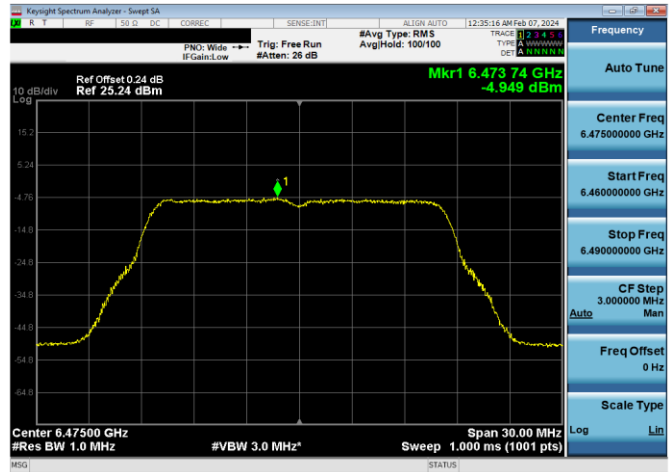
Plot 7-312. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-315. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

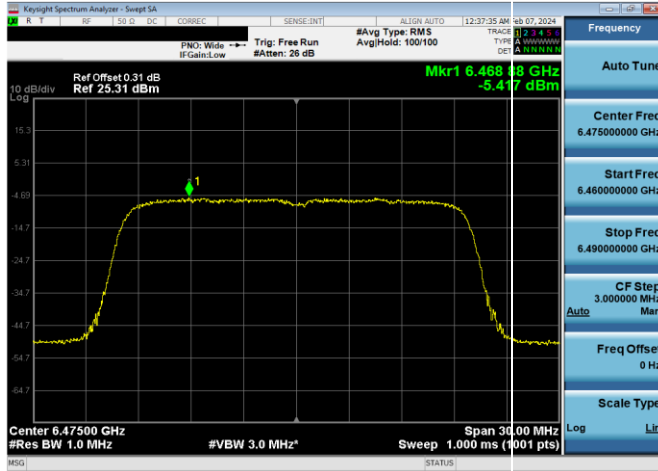


Plot 7-313. Power Spectral Density Plot Antenna 4a LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)



Plot 7-316. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

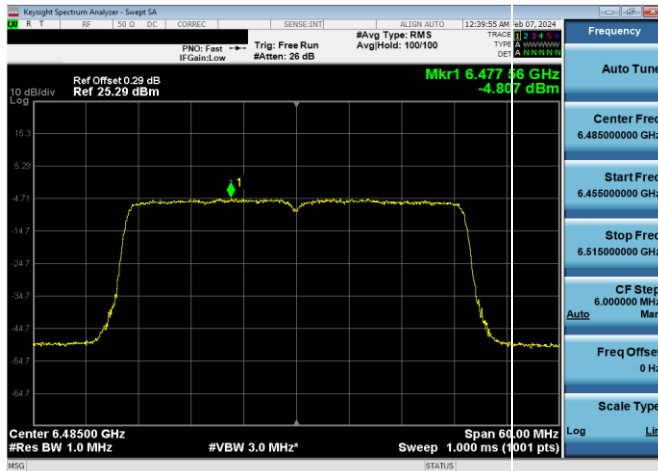
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 144 of 510



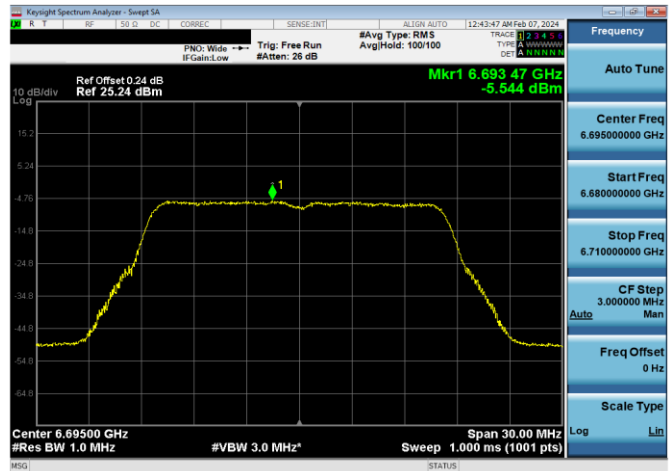
Plot 7-317. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



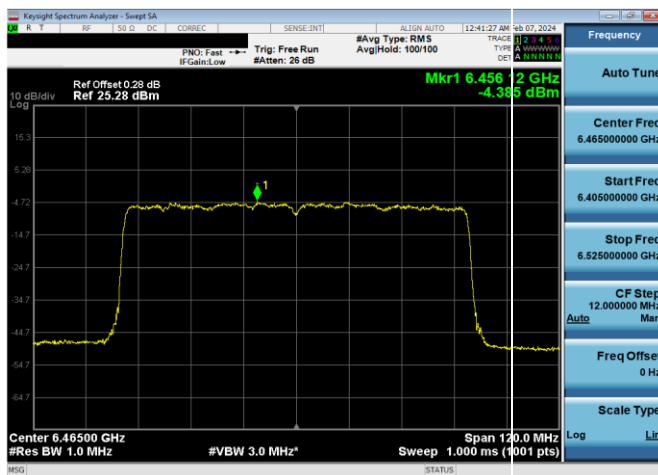
Plot 7-320. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



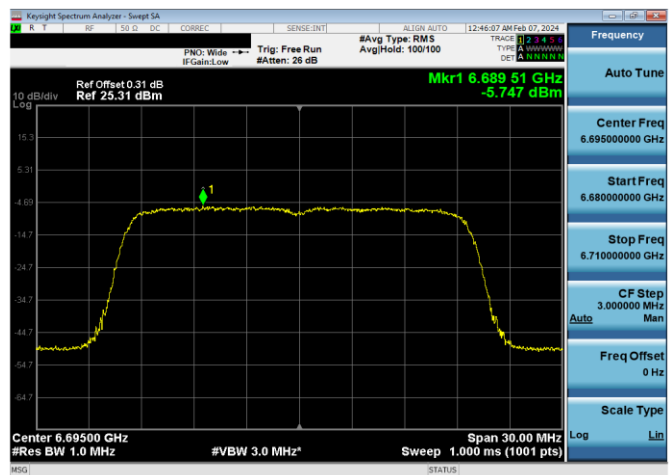
Plot 7-318. Power Spectral Density Plot Antenna 4a LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-321. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

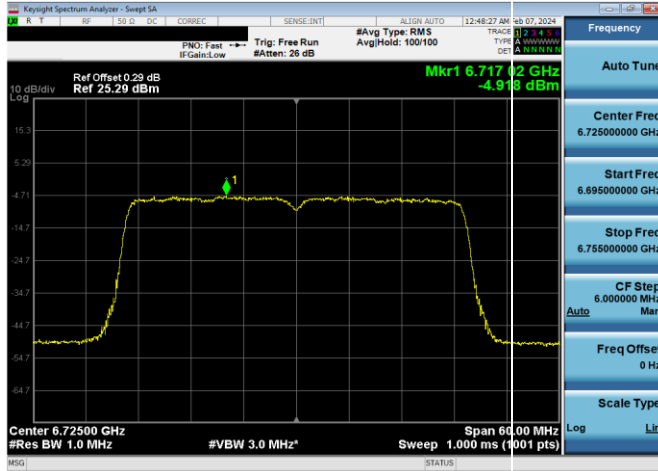


Plot 7-319. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

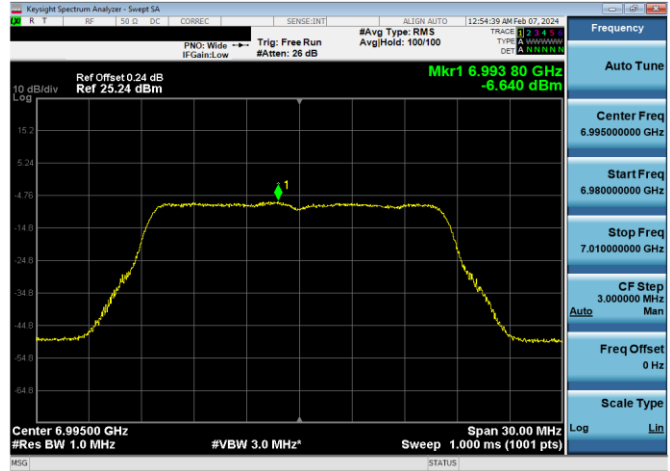


Plot 7-322. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

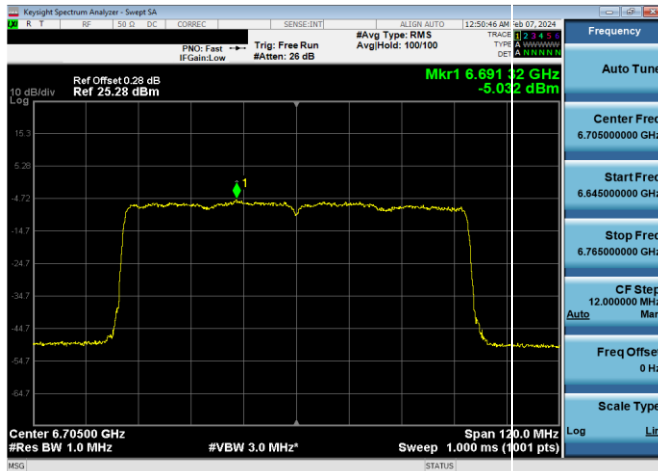
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 145 of 510



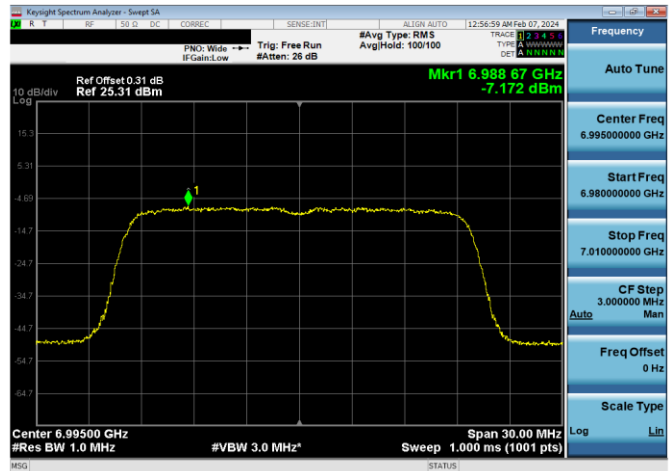
Plot 7-323. Power Spectral Density Plot Antenna 4a LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



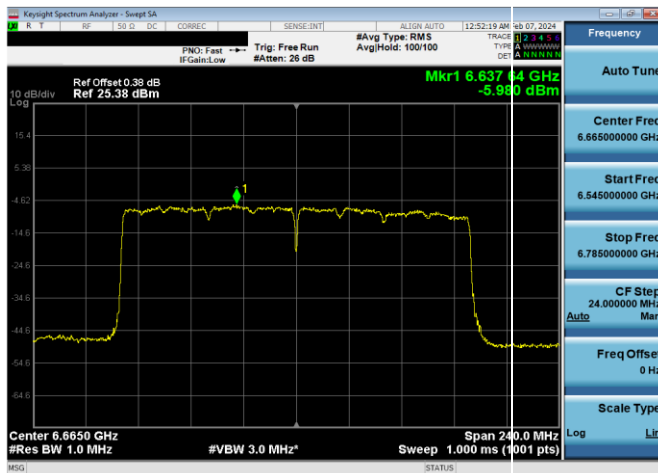
Plot 7-326. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



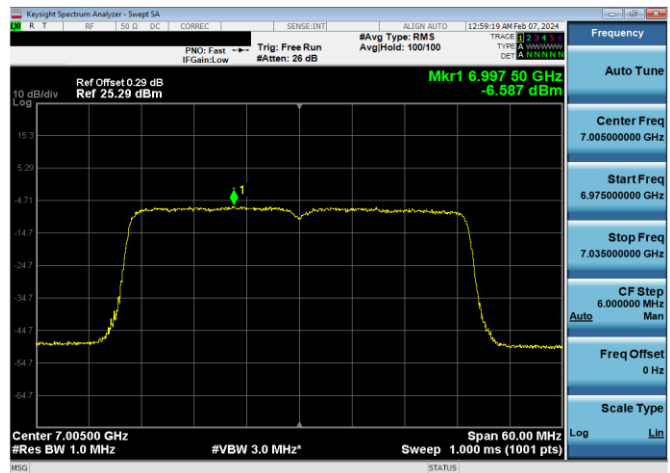
Plot 7-324. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-327. Power Spectral Density Plot Antenna 4a LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

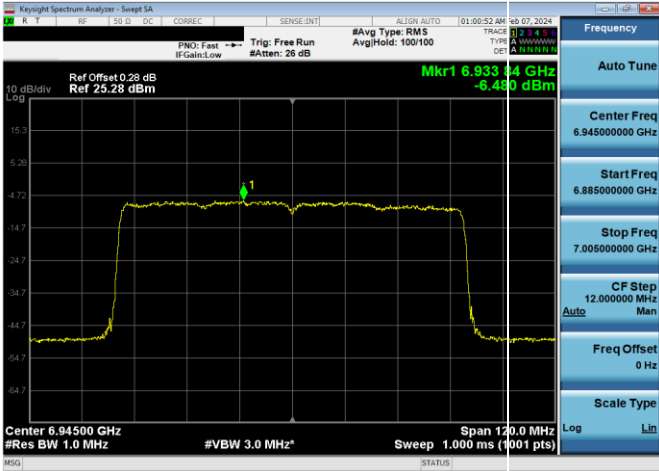


Plot 7-325. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

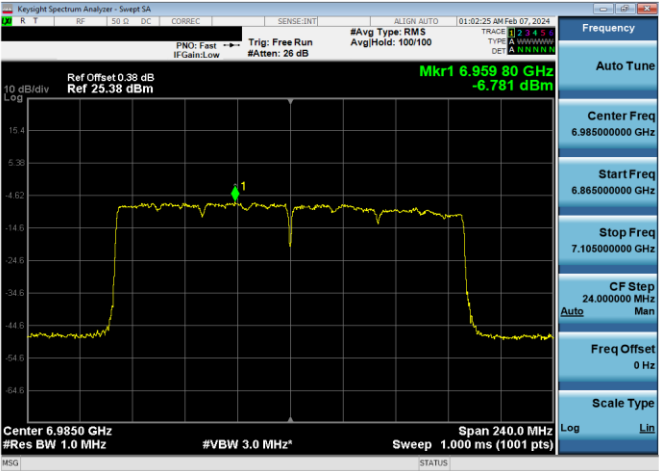


Plot 7-328. Power Spectral Density Plot Antenna 4a LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 146 of 510



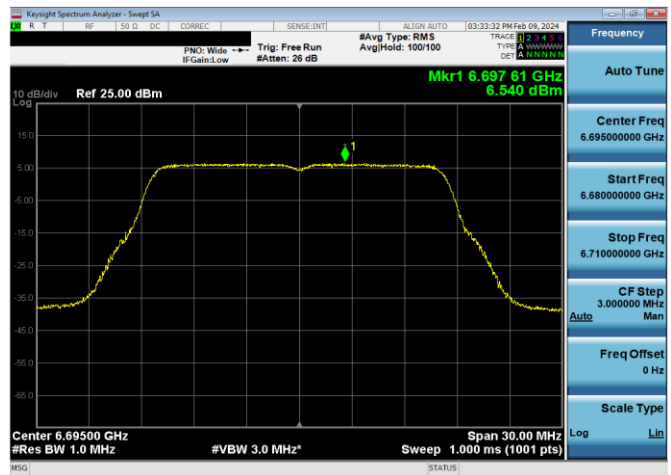
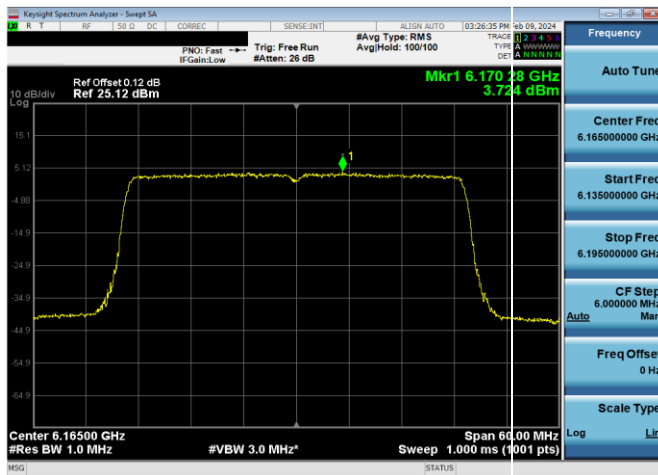
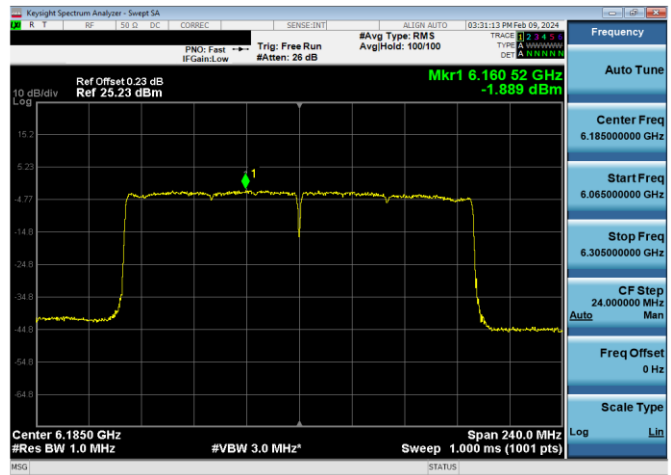
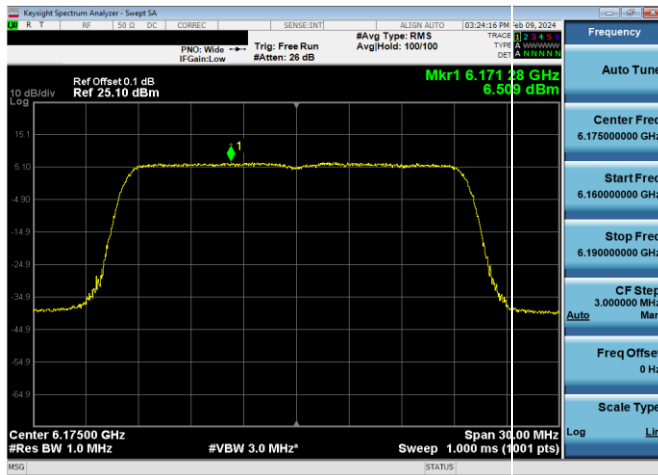
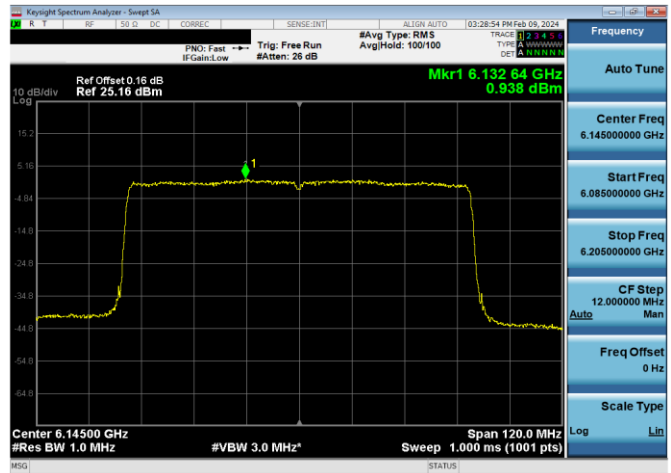
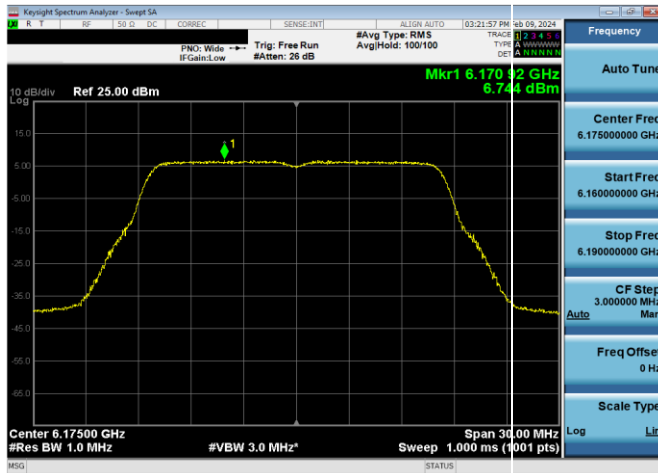
Plot 7-329. Power Spectral Density Plot Antenna 4a LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)



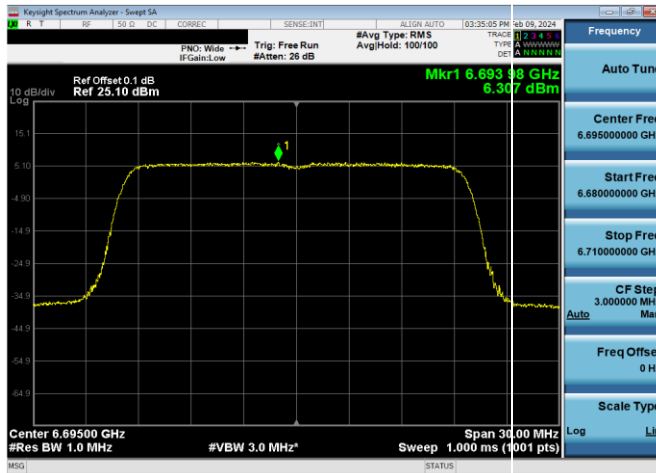
Plot 7-330. Power Spectral Density Plot Antenna 4a LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 147 of 510

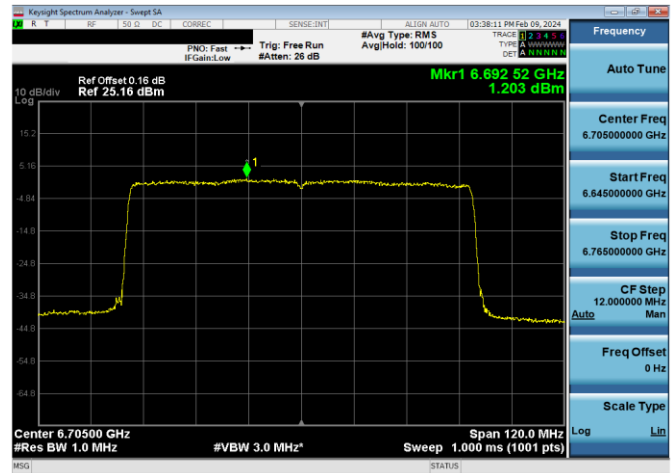
Low Data Rate



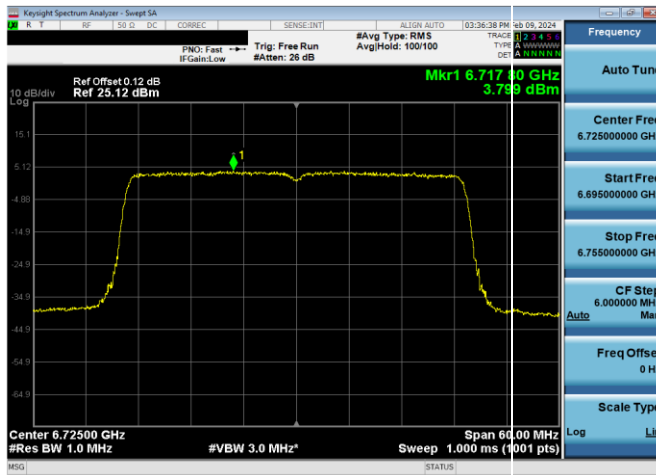
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 148 of 510



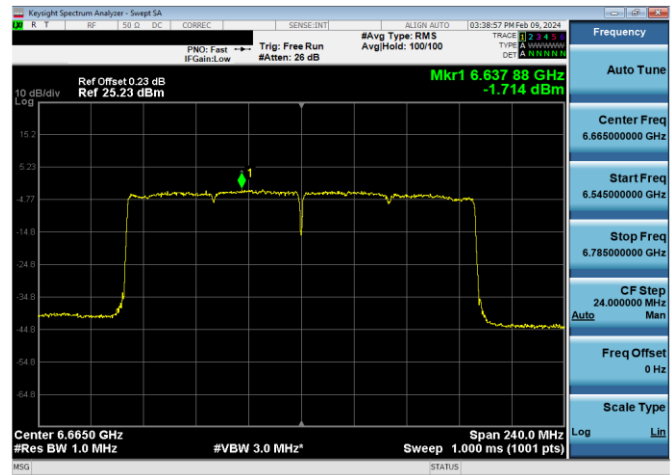
Plot 7-337. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)



Plot 7-339. Power Spectral Density Plot Antenna 4a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-338. Power Spectral Density Plot Antenna 4a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



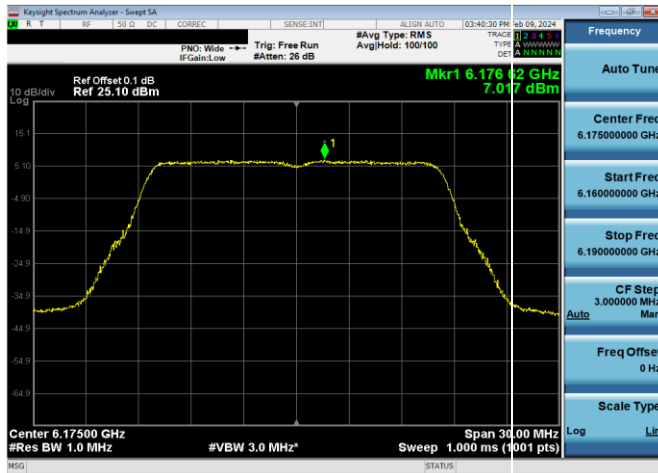
Plot 7-340. Power Spectral Density Plot Antenna 4a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 149 of 510

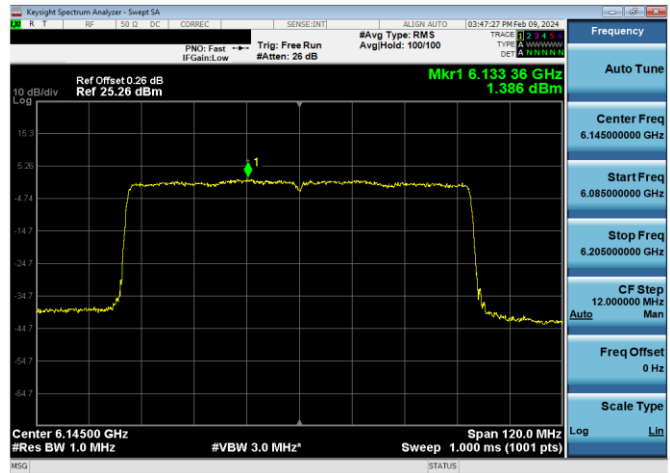
V 10.50.40 12/15/2021

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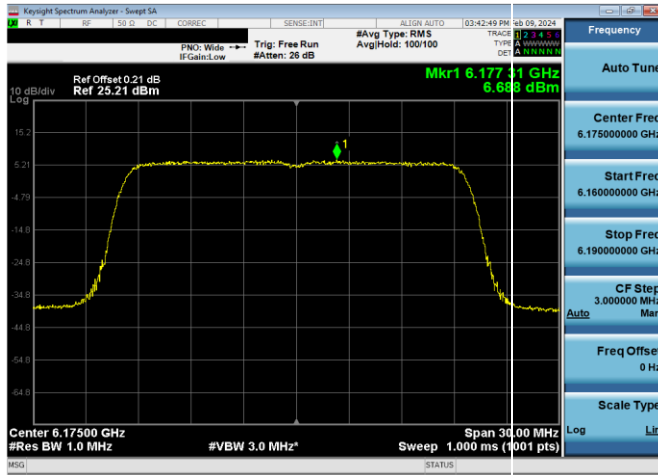
Mid Data Rate



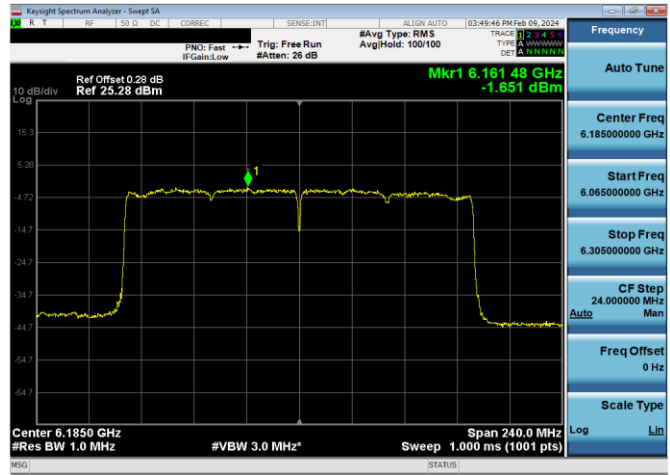
Plot 7-341. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



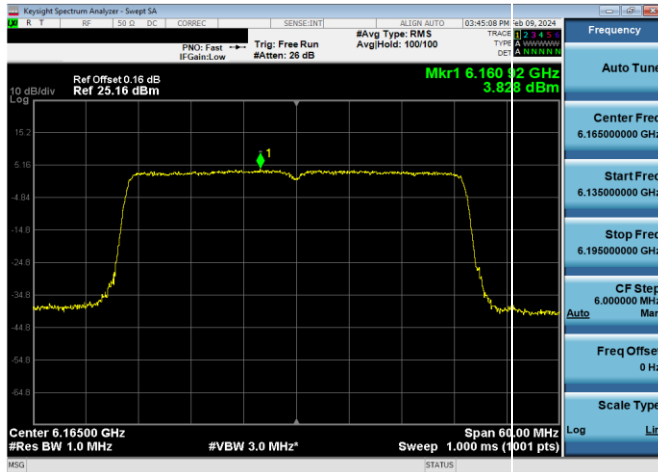
Plot 7-344. Power Spectral Density Plot Antenna 4a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



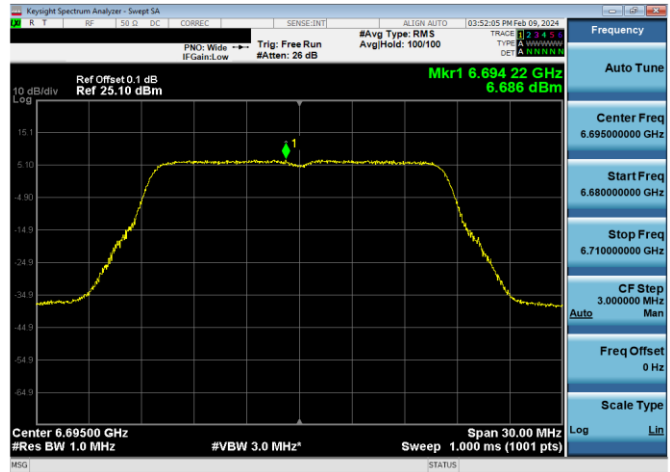
Plot 7-342. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-345. Power Spectral Density Plot Antenna 4a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)

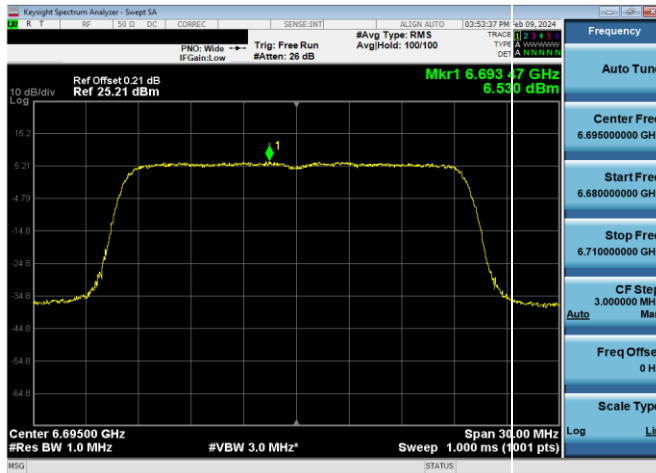


Plot 7-343. Power Spectral Density Plot Antenna 4a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

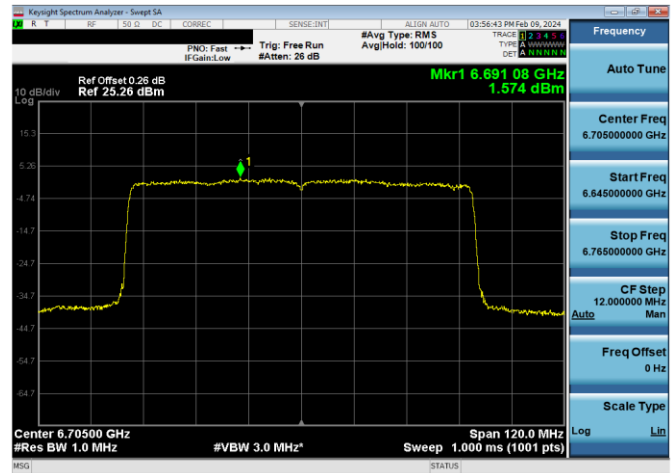


Plot 7-346. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

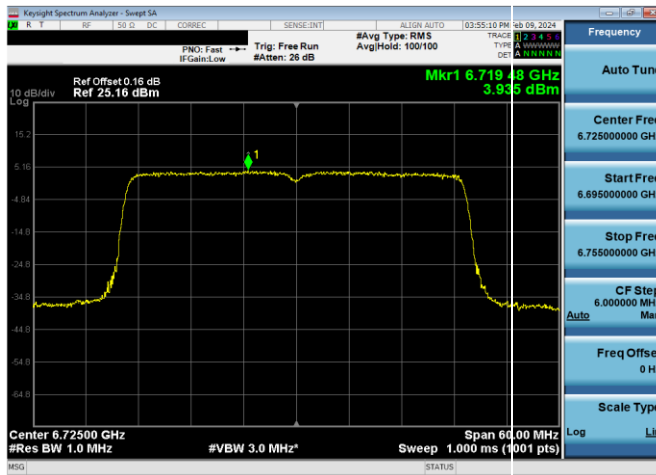
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 150 of 510



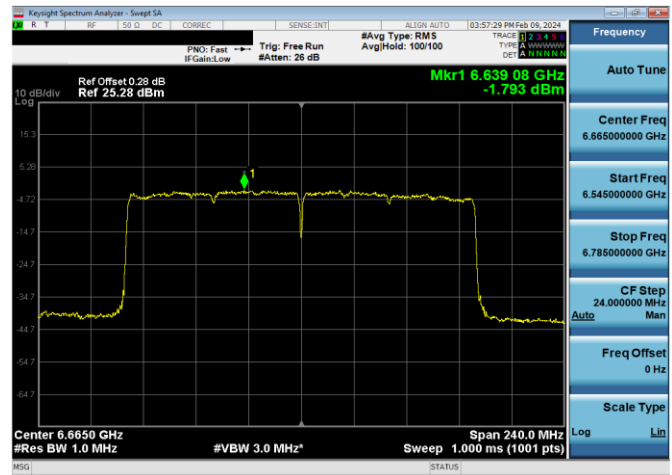
Plot 7-347. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)



Plot 7-349. Power Spectral Density Plot Antenna 4a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-348. Power Spectral Density Plot Antenna 4a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



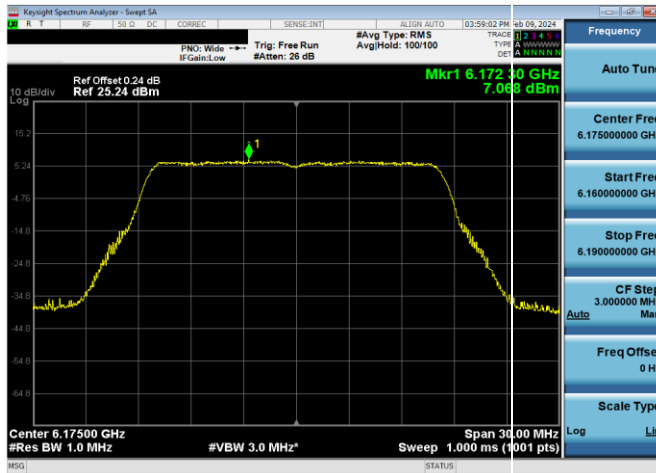
Plot 7-350. Power Spectral Density Plot Antenna 4a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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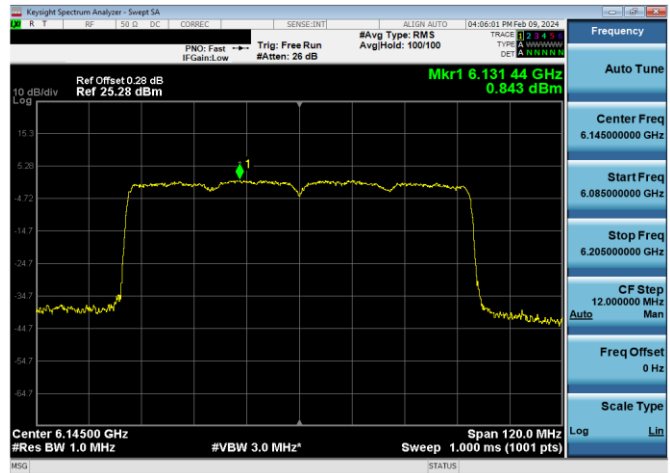
V 10.50.40 12/15/2021

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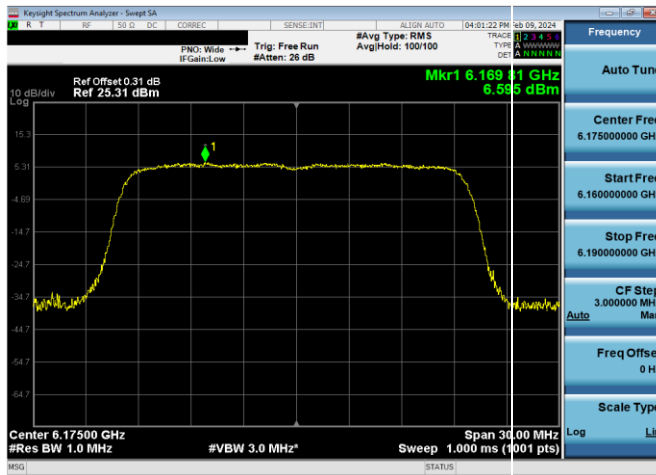
High Data Rate



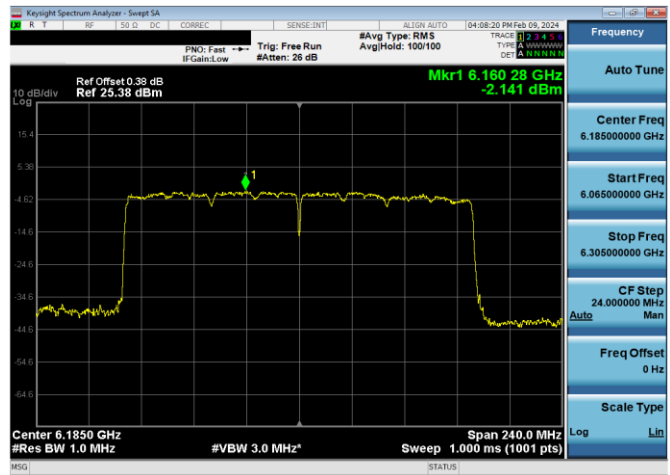
Plot 7-351. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



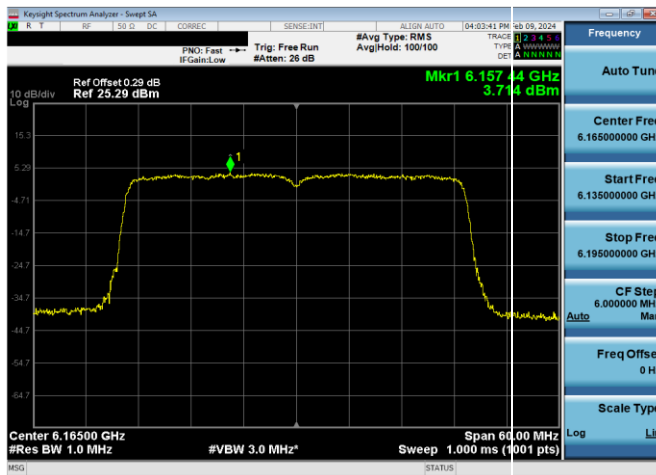
Plot 7-354. Power Spectral Density Plot Antenna 4a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



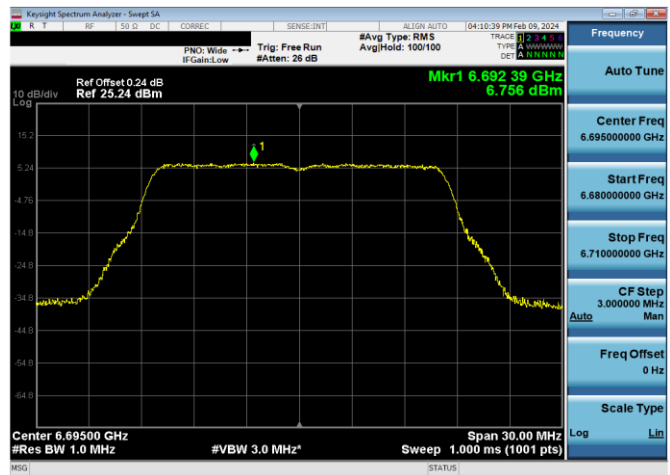
Plot 7-352. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-355. Power Spectral Density Plot Antenna 4a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



Plot 7-353. Power Spectral Density Plot Antenna 4a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

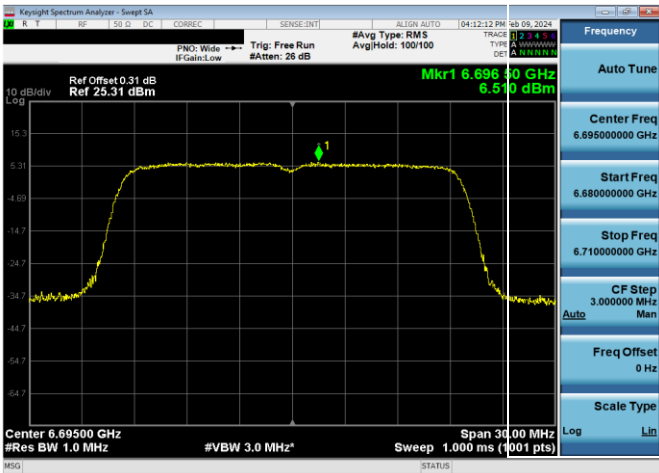


Plot 7-356. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

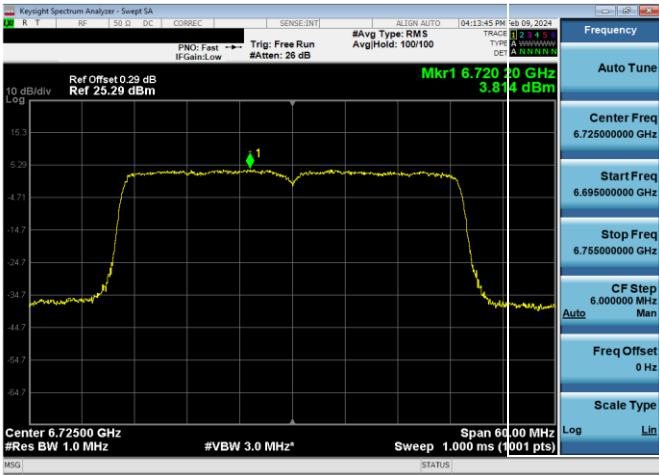
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 152 of 510

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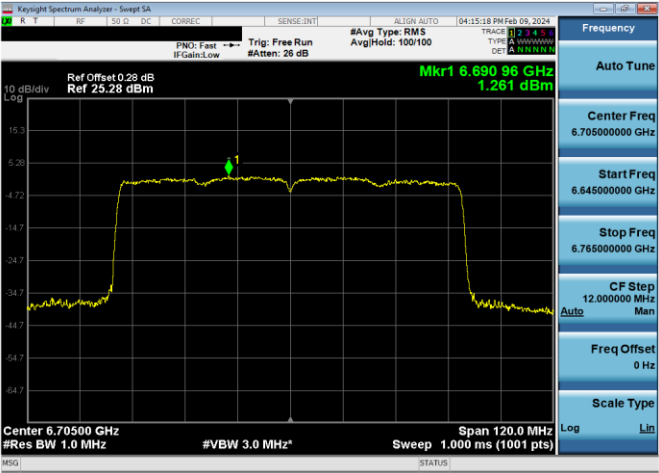
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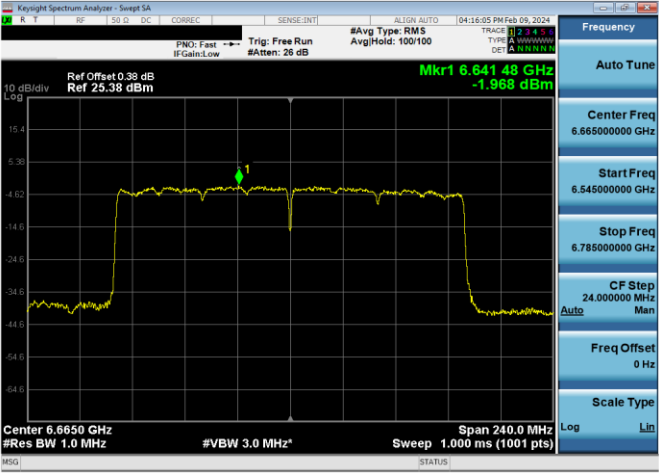
Plot 7-357. Power Spectral Density Plot Antenna 4a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-358. Power Spectral Density Plot Antenna 4a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-359. Power Spectral Density Plot Antenna 4a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-360. Power Spectral Density Plot Antenna 4a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.4.3 Antenna 2a Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	12	-5.22	-1.00	-6.22	-1	-5.22
	6175	45	a	12	-5.10	-1.00	-6.10	-1	-5.10
	6415	93	a	12	-5.44	-1.00	-6.44	-1	-5.44
	5955	1	ax (20MHz)	24/25.8 (MCS2)	-5.68	-1.00	-6.68	-1	-5.68
	6175	45	ax (20MHz)	24/25.8 (MCS2)	-5.68	-1.00	-6.68	-1	-5.68
	6415	93	ax (20MHz)	24/25.8 (MCS2)	-5.91	-1.00	-6.91	-1	-5.91
	5965	3	ax (40MHz)	49/51.6 (MCS2)	-4.87	-1.00	-5.87	-1	-4.87
	6165	43	ax (40MHz)	49/51.6 (MCS2)	-5.59	-1.00	-6.59	-1	-5.59
	6405	91	ax (40MHz)	49/51.6 (MCS2)	-5.21	-1.00	-6.21	-1	-5.21
	5985	7	ax (80MHz)	102/108.1 (MCS2)	-4.50	-1.00	-5.50	-1	-4.50
	6145	39	ax (80MHz)	102/108.1 (MCS2)	-5.00	-1.00	-6.00	-1	-5.00
	6385	87	ax (80MHz)	102/108.1 (MCS2)	-5.25	-1.00	-6.25	-1	-5.25
	6025	15	ax (160MHz)	183.8/216.2 (MCS2)	-5.14	-1.00	-6.14	-1	-5.14
	6185	47	ax (160MHz)	183.8/216.2 (MCS2)	-5.47	-1.00	-6.47	-1	-5.47
Band 6	6345	79	ax (160MHz)	183.8/216.2 (MCS2)	-5.72	-1.00	-6.72	-1	-5.72
	6435	97	a	12	-5.72	-0.10	-5.82	-1	-4.82
	6475	105	a	12	-5.39	-0.10	-5.49	-1	-4.49
	6515	113	a	12	-5.38	-0.10	-5.48	-1	-4.48
	6435	97	ax (20MHz)	24/25.8 (MCS2)	-6.10	-0.10	-6.20	-1	-5.20
	6475	105	ax (20MHz)	24/25.8 (MCS2)	-6.27	-0.10	-6.37	-1	-5.37
	6515	113	ax (20MHz)	24/25.8 (MCS2)	-6.06	-0.10	-6.16	-1	-5.16
	6445	99	ax (40MHz)	49/51.6 (MCS2)	-4.73	-0.10	-4.83	-1	-3.83
	6485	107	ax (40MHz)	49/51.6 (MCS2)	-4.76	-0.10	-4.86	-1	-3.86
	6525	115	ax (40MHz)	49/51.6 (MCS2)	-5.30	-0.10	-5.40	-1	-4.40
Band 7	6465	103	ax (80MHz)	102/108.1 (MCS2)	-5.28	-0.10	-5.38	-1	-4.38
	6505	111	ax (160MHz)	183.8/216.2 (MCS2)	-6.30	-0.10	-6.40	-1	-5.40
	6535	117	a	12	-5.81	1.00	-4.81	-1	-3.81
	6695	149	a	12	-5.60	1.00	-4.60	-1	-3.60
	6875	185	a	12	-6.26	1.00	-5.26	-1	-4.26
	6535	117	ax (20MHz)	24/25.8 (MCS2)	-6.45	1.00	-5.45	-1	-4.45
	6695	149	ax (20MHz)	24/25.8 (MCS2)	-5.93	1.00	-4.93	-1	-3.93
	6875	185	ax (20MHz)	24/25.8 (MCS2)	-7.17	1.00	-6.17	-1	-5.17
	6565	123	ax (40MHz)	49/51.6 (MCS2)	-5.77	1.00	-4.77	-1	-3.77
	6725	155	ax (40MHz)	49/51.6 (MCS2)	-5.22	1.00	-4.22	-1	-3.22
	6845	179	ax (40MHz)	49/51.6 (MCS2)	-5.76	1.00	-4.76	-1	-3.76
	6545	119	ax (80MHz)	102/108.1 (MCS2)	-5.32	1.00	-4.32	-1	-3.32
	6705	151	ax (80MHz)	102/108.1 (MCS2)	-5.30	1.00	-4.30	-1	-3.30
	6865	183	ax (80MHz)	102/108.1 (MCS2)	-6.15	1.00	-5.15	-1	-4.15
Band 8	6665	143	ax (160MHz)	183.8/216.2 (MCS2)	-6.18	1.00	-5.18	-1	-4.18
	6825	175	ax (160MHz)	183.8/216.2 (MCS2)	-6.60	1.00	-5.60	-1	-4.60
	6895	189	a	12	-6.24	0.00	-6.24	-1	-5.24
	6995	209	a	12	-6.60	0.00	-6.60	-1	-5.60
	7115	233	a	12	-6.11	0.00	-6.11	-1	-5.11
	6895	189	ax (20MHz)	24/25.8 (MCS2)	-7.02	0.00	-7.02	-1	-6.02
	6995	209	ax (20MHz)	24/25.8 (MCS2)	-7.12	0.00	-7.12	-1	-6.12
	7115	233	ax (20MHz)	24/25.8 (MCS2)	-6.81	0.00	-6.81	-1	-5.81
	6885	187	ax (40MHz)	49/51.6 (MCS2)	-6.63	0.00	-6.63	-1	-5.63
	7005	211	ax (40MHz)	49/51.6 (MCS2)	-6.58	0.00	-6.58	-1	-5.58
	7085	227	ax (40MHz)	49/51.6 (MCS2)	-6.59	0.00	-6.59	-1	-5.59
	6945	199	ax (80MHz)	102/108.1 (MCS2)	-6.19	0.00	-6.19	-1	-5.19
	7025	215	ax (80MHz)	102/108.1 (MCS2)	-6.12	0.00	-6.12	-1	-5.12
	6985	207	ax (160MHz)	183.8/216.2 (MCS2)	-6.77	0.00	-6.77	-1	-5.77

Table 7-143. Power Spectral Density Measurements Antenna 2a (Low Data Rate)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	24	-5.01	-1.00	-6.01	-1	-5.01
	6175	45	a	24	-5.38	-1.00	-6.38	-1	-5.38
	6415	93	a	24	-5.40	-1.00	-6.40	-1	-5.40
	5955	1	ax (20MHz)	49/51.6 (MCS4)	-5.40	-1.00	-6.40	-1	-5.40
	6175	45	ax (20MHz)	49/51.6 (MCS4)	-5.69	-1.00	-6.69	-1	-5.69
	6415	93	ax (20MHz)	49/51.6 (MCS4)	-6.14	-1.00	-7.14	-1	-6.14
	5965	3	ax (40MHz)	98/103.2 (MCS4)	-4.31	-1.00	-5.31	-1	-4.31
	6165	43	ax (40MHz)	98/103.2 (MCS4)	-5.45	-1.00	-6.45	-1	-5.45
	6405	91	ax (40MHz)	98/103.2 (MCS4)	-5.30	-1.00	-6.30	-1	-5.30
	5985	7	ax (80MHz)	204/216.2 (MCS4)	-4.23	-1.00	-5.23	-1	-4.23
	6145	39	ax (80MHz)	204/216.2 (MCS4)	-4.94	-1.00	-5.94	-1	-4.94
	6385	87	ax (80MHz)	204/216.2 (MCS4)	-4.79	-1.00	-5.79	-1	-4.79
	6025	15	ax (160MHz)	367.5/432.4 (MCS4)	-4.93	-1.00	-5.93	-1	-4.93
	6185	47	ax (160MHz)	367.5/432.4 (MCS4)	-5.22	-1.00	-6.22	-1	-5.22
Band 6	6345	79	ax (160MHz)	367.5/432.4 (MCS4)	-5.42	-1.00	-6.42	-1	-5.42
	6435	97	a	24	-5.72	-0.10	-5.82	-1	-4.82
	6475	105	a	24	-5.96	-0.10	-6.06	-1	-5.06
	6515	113	a	24	-5.03	-0.10	-5.13	-1	-4.13
	6435	97	ax (20MHz)	49/51.6 (MCS4)	-5.69	-0.10	-5.79	-1	-4.79
	6475	105	ax (20MHz)	49/51.6 (MCS4)	-6.11	-0.10	-6.21	-1	-5.21
	6515	113	ax (20MHz)	49/51.6 (MCS4)	-5.71	-0.10	-5.81	-1	-4.81
	6445	99	ax (40MHz)	98/103.2 (MCS4)	-4.41	-0.10	-4.51	-1	-3.51
	6485	107	ax (40MHz)	98/103.2 (MCS4)	-4.83	-0.10	-4.93	-1	-3.93
	6525	115	ax (40MHz)	98/103.2 (MCS4)	-4.79	-0.10	-4.89	-1	-3.89
Band 7	6465	103	ax (80MHz)	204/216.2 (MCS4)	-5.33	-0.10	-5.43	-1	-4.43
	6505	111	ax (160MHz)	367.5/432.4 (MCS4)	-5.44	-0.10	-5.54	-1	-4.54
	6535	117	a	24	-5.71	1.00	-4.71	-1	-3.71
	6695	149	a	24	-5.71	1.00	-4.71	-1	-3.71
	6875	185	a	24	-6.63	1.00	-5.63	-1	-4.63
	6535	117	ax (20MHz)	49/51.6 (MCS4)	-6.24	1.00	-5.24	-1	-4.24
	6695	149	ax (20MHz)	49/51.6 (MCS4)	-6.23	1.00	-5.23	-1	-4.23
	6875	185	ax (20MHz)	49/51.6 (MCS4)	-7.03	1.00	-6.03	-1	-5.03
	6565	123	ax (40MHz)	98/103.2 (MCS4)	-5.56	1.00	-4.56	-1	-3.56
	6725	155	ax (40MHz)	98/103.2 (MCS4)	-5.12	1.00	-4.12	-1	-3.12
	6845	179	ax (40MHz)	98/103.2 (MCS4)	-5.46	1.00	-4.46	-1	-3.46
	6545	119	ax (80MHz)	204/216.2 (MCS4)	-5.34	1.00	-4.34	-1	-3.34
	6705	151	ax (80MHz)	204/216.2 (MCS4)	-5.13	1.00	-4.13	-1	-3.13
	6865	183	ax (80MHz)	204/216.2 (MCS4)	-6.00	1.00	-5.00	-1	-4.00
Band 8	6665	143	ax (160MHz)	367.5/432.4 (MCS4)	-5.99	1.00	-4.99	-1	-3.99
	6825	175	ax (160MHz)	367.5/432.4 (MCS4)	-6.14	1.00	-5.14	-1	-4.14
	6895	189	a	24	-6.67	0.00	-6.67	-1	-5.67
	6995	209	a	24	-6.58	0.00	-6.58	-1	-5.58
	7115	233	a	24	-6.21	0.00	-6.21	-1	-5.21
	6895	189	ax (20MHz)	49/51.6 (MCS4)	-7.21	0.00	-7.21	-1	-6.21
	6995	209	ax (20MHz)	49/51.6 (MCS4)	-7.04	0.00	-7.04	-1	-6.04
	7115	233	ax (20MHz)	49/51.6 (MCS4)	-6.59	0.00	-6.59	-1	-5.59
	6885	187	ax (40MHz)	98/103.2 (MCS4)	-6.52	0.00	-6.52	-1	-5.52
	7005	211	ax (40MHz)	98/103.2 (MCS4)	-6.12	0.00	-6.12	-1	-5.12
	7085	227	ax (40MHz)	98/103.2 (MCS4)	-6.83	0.00	-6.83	-1	-5.83
	6945	199	ax (80MHz)	204/216.2 (MCS4)	-5.95	0.00	-5.95	-1	-4.95
	7025	215	ax (80MHz)	204/216.2 (MCS4)	-6.10	0.00	-6.10	-1	-5.10
	6985	207	ax (160MHz)	367.5/432.4 (MCS4)	-6.73	0.00	-6.73	-1	-5.73

Table 7-144. Power Spectral Density Measurements Antenna 2a (Mid Data Rate)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 155 of 510

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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	54	-4.53	-1.00	-5.53	-1	-4.53
	6175	45	a	54	-4.80	-1.00	-5.80	-1	-4.80
	6415	93	a	54	-4.97	-1.00	-5.97	-1	-4.97
	5955	1	ax (20MHz)	135/143.4 (MCS11)	-5.48	-1.00	-6.48	-1	-5.48
	6175	45	ax (20MHz)	135/143.4 (MCS11)	-5.62	-1.00	-6.62	-1	-5.62
	6415	93	ax (20MHz)	135/143.4 (MCS11)	-5.72	-1.00	-6.72	-1	-5.72
	5965	3	ax (40MHz)	271/286.8 (MCS11)	-4.29	-1.00	-5.29	-1	-4.29
	6165	43	ax (40MHz)	271/286.8 (MCS11)	-5.46	-1.00	-6.46	-1	-5.46
	6405	91	ax (40MHz)	271/286.8 (MCS11)	-4.94	-1.00	-5.94	-1	-4.94
	5985	7	ax (80MHz)	567/600.5 (MCS11)	-4.42	-1.00	-5.42	-1	-4.42
	6145	39	ax (80MHz)	567/600.5 (MCS11)	-4.89	-1.00	-5.89	-1	-4.89
	6385	87	ax (80MHz)	567/600.5 (MCS11)	-5.04	-1.00	-6.04	-1	-5.04
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-4.93	-1.00	-5.93	-1	-4.93
	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-5.39	-1.00	-6.39	-1	-5.39
Band 6	6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-4.79	-1.00	-5.79	-1	-4.79
	6435	97	a	54	-5.49	-0.10	-5.59	-1	-4.59
	6475	105	a	54	-5.41	-0.10	-5.51	-1	-4.51
	6515	113	a	54	-4.69	-0.10	-4.79	-1	-3.79
	6435	97	ax (20MHz)	135/143.4 (MCS11)	-5.62	-0.10	-5.72	-1	-4.72
	6475	105	ax (20MHz)	135/143.4 (MCS11)	-6.08	-0.10	-6.18	-1	-5.18
	6515	113	ax (20MHz)	135/143.4 (MCS11)	-5.63	-0.10	-5.73	-1	-4.73
	6445	99	ax (40MHz)	271/286.8 (MCS11)	-4.31	-0.10	-4.41	-1	-3.41
	6485	107	ax (40MHz)	271/286.8 (MCS11)	-4.53	-0.10	-4.63	-1	-3.63
	6525	115	ax (40MHz)	271/286.8 (MCS11)	-5.08	-0.10	-5.18	-1	-4.18
Band 7	6465	103	ax (80MHz)	567/600.5 (MCS11)	-5.10	-0.10	-5.20	-1	-4.20
	6505	111	ax (160MHz)	1020.8/1201 (MCS11)	-5.63	-0.10	-5.73	-1	-4.73
	6535	117	a	54	-5.37	1.00	-4.37	-1	-3.37
	6695	149	a	54	-5.51	1.00	-4.51	-1	-3.51
	6875	185	a	54	-6.22	1.00	-5.22	-1	-4.22
	6535	117	ax (20MHz)	135/143.4 (MCS11)	-5.93	1.00	-4.93	-1	-3.93
	6695	149	ax (20MHz)	135/143.4 (MCS11)	-5.68	1.00	-4.68	-1	-3.68
	6875	185	ax (20MHz)	135/143.4 (MCS11)	-6.70	1.00	-5.70	-1	-4.70
	6565	123	ax (40MHz)	271/286.8 (MCS11)	-5.65	1.00	-4.65	-1	-3.65
	6725	155	ax (40MHz)	271/286.8 (MCS11)	-5.24	1.00	-4.24	-1	-3.24
	6845	179	ax (40MHz)	271/286.8 (MCS11)	-5.30	1.00	-4.30	-1	-3.30
	6545	119	ax (80MHz)	567/600.5 (MCS11)	-5.40	1.00	-4.40	-1	-3.40
	6705	151	ax (80MHz)	567/600.5 (MCS11)	-5.04	1.00	-4.04	-1	-3.04
	6865	183	ax (80MHz)	567/600.5 (MCS11)	-6.08	1.00	-5.08	-1	-4.08
Band 8	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-5.88	1.00	-4.88	-1	-3.88
	6825	175	ax (160MHz)	1020.8/1201 (MCS11)	-5.75	1.00	-4.75	-1	-3.75
	6895	189	a	54	-6.41	0.00	-6.41	-1	-5.41
	6995	209	a	54	-6.21	0.00	-6.21	-1	-5.21
	7115	233	a	54	-6.09	0.00	-6.09	-1	-5.09
	6895	189	ax (20MHz)	135/143.4 (MCS11)	-7.03	0.00	-7.03	-1	-6.03
	6995	209	ax (20MHz)	135/143.4 (MCS11)	-6.86	0.00	-6.86	-1	-5.86
	7115	233	ax (20MHz)	135/143.4 (MCS11)	-6.87	0.00	-6.87	-1	-5.87
	6885	187	ax (40MHz)	271/286.8 (MCS11)	-6.44	0.00	-6.44	-1	-5.44
	7005	211	ax (40MHz)	271/286.8 (MCS11)	-6.15	0.00	-6.15	-1	-5.15
	7085	227	ax (40MHz)	271/286.8 (MCS11)	-6.20	0.00	-6.20	-1	-5.20
	6945	199	ax (80MHz)	567/600.5 (MCS11)	-5.74	0.00	-5.74	-1	-4.74
	7025	215	ax (80MHz)	567/600.5 (MCS11)	-6.32	0.00	-6.32	-1	-5.32
	6985	207	ax (160MHz)	1020.8/1201 (MCS11)	-6.68	0.00	-6.68	-1	-5.68

Table 7-145. Power Spectral Density Measurements Antenna 2a (High Data Rate)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	12	6.11	-1.00	5.11	17	-11.90
	6175	45	a	12	6.25	-1.00	5.25	17	-11.75
	6415	93	a	12	6.63	-1.00	5.63	17	-11.37
	5955	1	ax (20MHz)	24/25.8 (MCS2)	5.85	-1.00	4.85	17	-12.15
	6175	45	ax (20MHz)	24/25.8 (MCS2)	5.98	-1.00	4.98	17	-12.02
	6415	93	ax (20MHz)	24/25.8 (MCS2)	6.33	-1.00	5.33	17	-11.67
	5965	3	ax (40MHz)	49/51.6 (MCS2)	2.88	-1.00	1.88	17	-15.12
	6165	43	ax (40MHz)	49/51.6 (MCS2)	3.00	-1.00	2.00	17	-15.00
	6405	91	ax (40MHz)	49/51.6 (MCS2)	3.28	-1.00	2.28	17	-14.72
	5985	7	ax (80MHz)	102/108.1 (MCS2)	0.32	-1.00	-0.68	17	-17.68
	6145	39	ax (80MHz)	102/108.1 (MCS2)	0.35	-1.00	-0.65	17	-17.65
	6385	87	ax (80MHz)	102/108.1 (MCS2)	0.62	-1.00	-0.39	17	-17.39
	6025	15	ax (160MHz)	183.8/216.2 (MCS2)	-2.46	-1.00	-3.46	17	-20.46
	6181	47	ax (160MHz)	183.8/216.2 (MCS2)	-2.70	-1.00	-3.70	17	-20.70
	6345	79	ax (160MHz)	183.8/216.2 (MCS2)	-2.82	-1.00	-3.82	17	-20.82
Band 7	6535	117	a	12	6.05	1.00	7.05	17	-9.95
	6695	149	a	12	6.33	1.00	7.33	17	-9.67
	6875	181	a	12	5.55	1.00	6.55	17	-10.45
	6535	117	ax (20MHz)	24/25.8 (MCS2)	5.87	1.00	6.87	17	-10.14
	6695	149	ax (20MHz)	24/25.8 (MCS2)	5.87	1.00	6.87	17	-10.13
	6875	181	ax (20MHz)	24/25.8 (MCS2)	4.65	1.00	5.65	17	-11.35
	6565	123	ax (40MHz)	49/51.6 (MCS2)	3.06	1.00	4.06	17	-12.94
	6725	155	ax (40MHz)	49/51.6 (MCS2)	3.34	1.00	4.34	17	-12.66
	6845	179	ax (40MHz)	49/51.6 (MCS2)	3.24	1.00	4.24	17	-12.76
	6545	135	ax (80MHz)	102/108.1 (MCS2)	-0.85	1.00	0.15	17	-16.85
	6705	151	ax (80MHz)	102/108.1 (MCS2)	0.53	1.00	1.53	17	-15.47
	6865	167	ax (80MHz)	102/108.1 (MCS2)	-0.06	1.00	0.94	17	-16.06
	6665	143	ax (160MHz)	183.8/216.2 (MCS2)	-3.04	1.00	-2.04	17	-19.04

Table 7-146. Power Spectral Density Measurements Antenna 2a Standard Power (Low Data Rate)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	24	6.23	-1.00	5.23	17	-11.77
	6175	45	a	24	6.40	-1.00	5.40	17	-11.60
	6415	93	a	24	6.75	-1.00	5.75	17	-11.25
	5955	1	ax (20MHz)	49/51.6 (MCS4)	5.93	-1.00	4.93	17	-12.07
	6175	45	ax (20MHz)	49/51.6 (MCS4)	6.16	-1.00	5.16	17	-11.84
	6415	93	ax (20MHz)	49/51.6 (MCS4)	6.29	-1.00	5.29	17	-11.71
	5965	3	ax (40MHz)	98/103.2 (MCS4)	3.00	-1.00	2.00	17	-15.00
	6165	43	ax (40MHz)	98/103.2 (MCS4)	3.28	-1.00	2.28	17	-14.72
	6405	91	ax (40MHz)	98/103.2 (MCS4)	3.32	-1.00	2.32	17	-14.68
	5985	7	ax (80MHz)	204/216.2 (MCS4)	0.25	-1.00	-0.75	17	-17.75
	6145	39	ax (80MHz)	204/216.2 (MCS4)	0.62	-1.00	-0.38	17	-17.38
	6385	87	ax (80MHz)	204/216.2 (MCS4)	0.47	-1.00	-0.53	17	-17.53
	6025	15	ax (160MHz)	367.5/432.4 (MCS4)	-2.84	-1.00	-3.84	17	-20.84
	6181	47	ax (160MHz)	367.5/432.4 (MCS4)	-2.61	-1.00	-3.61	17	-20.61
Band 7	6345	79	ax (160MHz)	367.5/432.4 (MCS4)	-2.95	-1.00	-3.95	17	-20.95
	6535	117	a	24	6.07	1.00	7.07	17	-9.93
	6695	149	a	24	6.15	1.00	7.15	17	-9.85
	6875	181	a	24	5.54	1.00	6.54	17	-10.46
	6535	117	ax (20MHz)	49/51.6 (MCS4)	5.91	1.00	6.91	18	-11.09
	6695	149	ax (20MHz)	49/51.6 (MCS4)	5.97	1.00	6.97	19	-12.04
	6875	181	ax (20MHz)	49/51.6 (MCS4)	5.11	1.00	6.11	20	-13.89
	6565	123	ax (40MHz)	98/103.2 (MCS4)	3.14	1.00	4.14	21	-16.86
	6725	155	ax (40MHz)	98/103.2 (MCS4)	3.09	1.00	4.09	17	-12.91
	6845	179	ax (40MHz)	98/103.2 (MCS4)	3.46	1.00	4.46	17	-12.55
	6545	135	ax (80MHz)	204/216.2 (MCS4)	-0.67	1.00	0.33	17	-16.67
	6705	151	ax (80MHz)	204/216.2 (MCS4)	0.27	1.00	1.27	17	-15.73
	6865	167	ax (80MHz)	204/216.2 (MCS4)	-0.11	1.00	0.89	17	-16.11
	6665	143	ax (160MHz)	367.5/432.4 (MCS4)	-2.81	1.00	-1.81	17	-18.81

Table 7-147. Power Spectral Density Measurements Antenna 2a Standard Power (Mid Data Rate)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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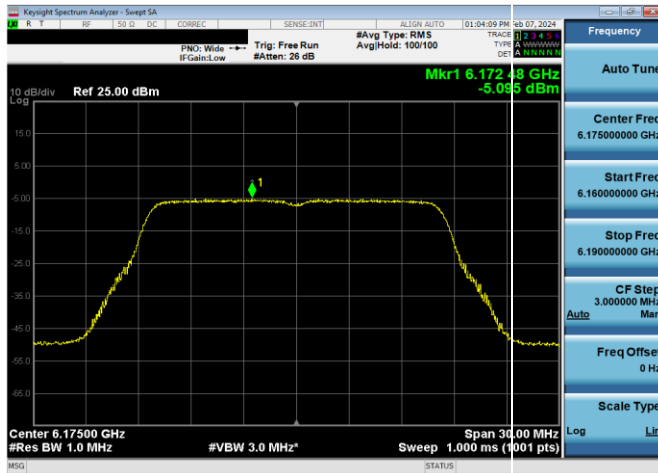
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	54	6.31	-1.00	5.31	17	-11.69
	6175	45	a	54	6.28	-1.00	5.28	17	-11.72
	6415	93	a	54	6.65	-1.00	5.65	17	-11.35
	5955	1	ax (20MHz)	135/143.4 (MCS11)	5.62	-1.00	4.62	17	-12.38
	6175	45	ax (20MHz)	135/143.4 (MCS11)	5.95	-1.00	4.95	17	-12.05
	6415	93	ax (20MHz)	135/143.4 (MCS11)	6.06	-1.00	5.06	17	-11.94
	5965	3	ax (40MHz)	271/286.8 (MCS11)	2.62	-1.00	1.62	17	-15.39
	6165	43	ax (40MHz)	271/286.8 (MCS11)	2.86	-1.00	1.86	17	-15.14
	6405	91	ax (40MHz)	271/286.8 (MCS11)	3.11	-1.00	2.11	17	-14.89
	5985	7	ax (80MHz)	567/600.5 (MCS11)	0.46	-1.00	-0.54	17	-17.54
	6145	39	ax (80MHz)	567/600.5 (MCS11)	0.16	-1.00	-0.84	17	-17.84
	6385	87	ax (80MHz)	567/600.5 (MCS11)	0.30	-1.00	-0.70	17	-17.70
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-2.97	-1.00	-3.97	17	-20.97
	6181	47	ax (160MHz)	1020.8/1201 (MCS11)	-2.98	-1.00	-3.98	17	-20.98
Band 7	6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-3.24	-1.00	-4.24	17	-21.24
	6535	117	a	54	6.32	1.00	7.32	17	-9.68
	6695	149	a	54	6.21	1.00	7.21	17	-9.79
	6875	181	a	54	5.78	1.00	6.78	17	-10.23
	6535	117	ax (20MHz)	135/143.4 (MCS11)	5.62	1.00	6.62	17	-10.38
	6695	149	ax (20MHz)	135/143.4 (MCS11)	5.63	1.00	6.63	17	-10.38
	6875	181	ax (20MHz)	135/143.4 (MCS11)	4.76	1.00	5.76	17	-11.24
	6565	123	ax (40MHz)	271/286.8 (MCS11)	2.98	1.00	3.98	17	-13.02
	6725	155	ax (40MHz)	271/286.8 (MCS11)	3.33	1.00	4.33	17	-12.67
	6845	179	ax (40MHz)	271/286.8 (MCS11)	3.12	1.00	4.12	17	-12.88
	6545	135	ax (80MHz)	567/600.5 (MCS11)	-0.85	1.00	0.15	17	-16.85
	6705	151	ax (80MHz)	567/600.5 (MCS11)	-0.06	1.00	0.94	17	-16.06
	6865	167	ax (80MHz)	567/600.5 (MCS11)	-0.20	1.00	0.80	17	-16.20
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-3.31	1.00	-2.31	17	-19.31

Table 7-148. Power Spectral Density Measurements Antenna 2a Standard Power (High Data Rate)

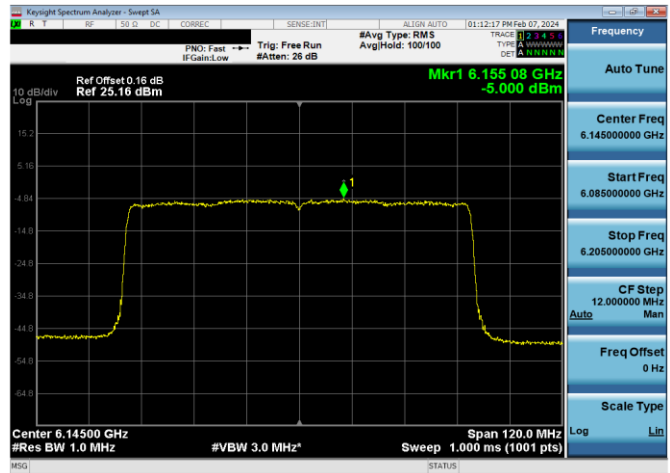
FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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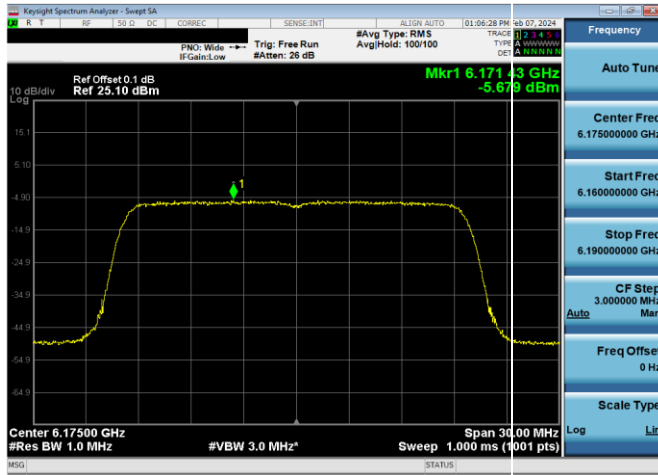
Low Data Rate



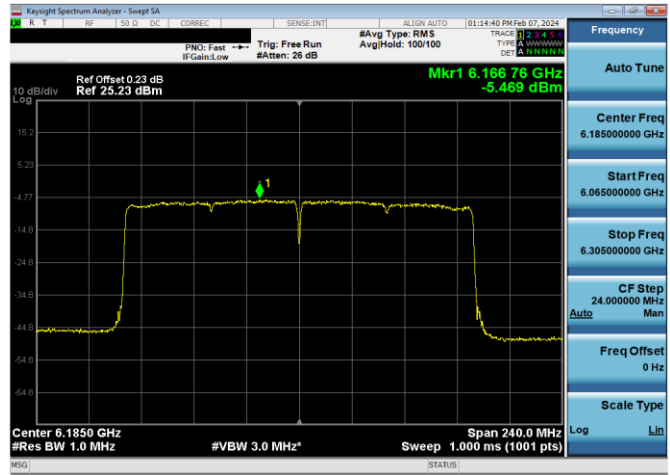
Plot 7-361. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 5) – Ch. 45, 12Mbps)



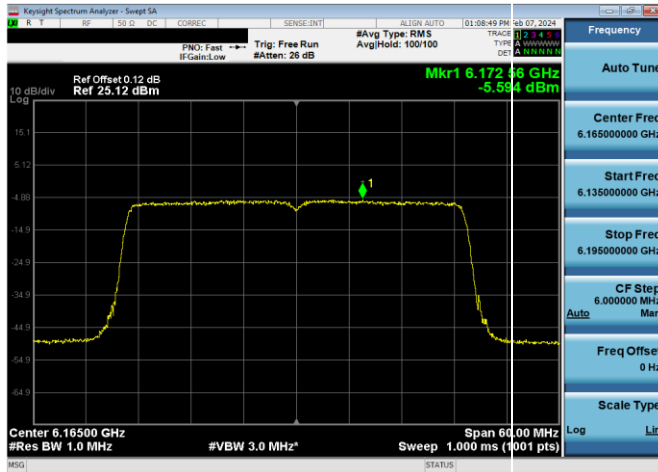
Plot 7-364. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



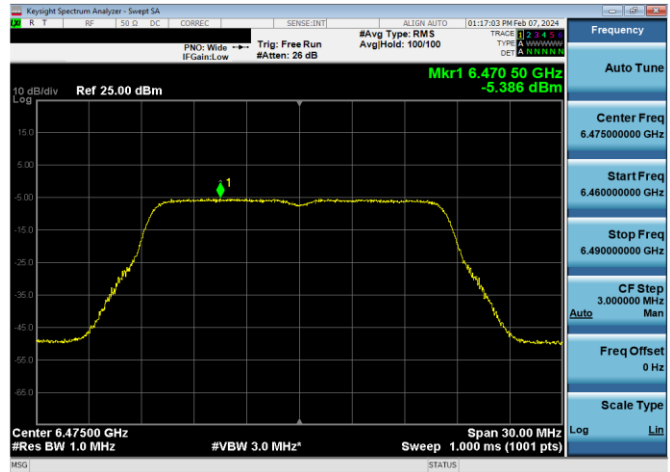
Plot 7-362. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-365. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)



Plot 7-363. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)



Plot 7-366. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 6) – Ch. 105, 12Mbps)

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