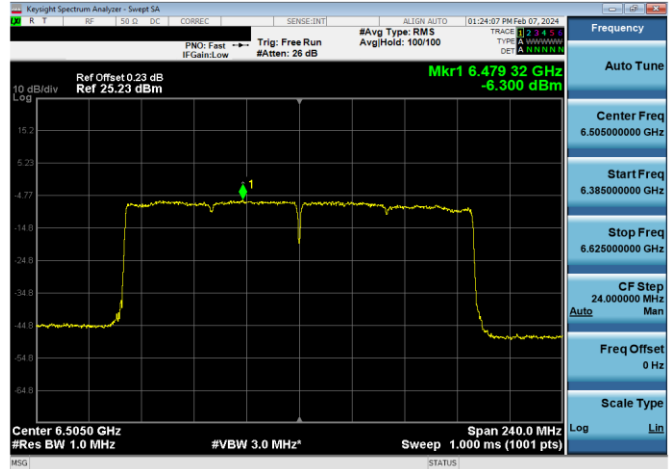
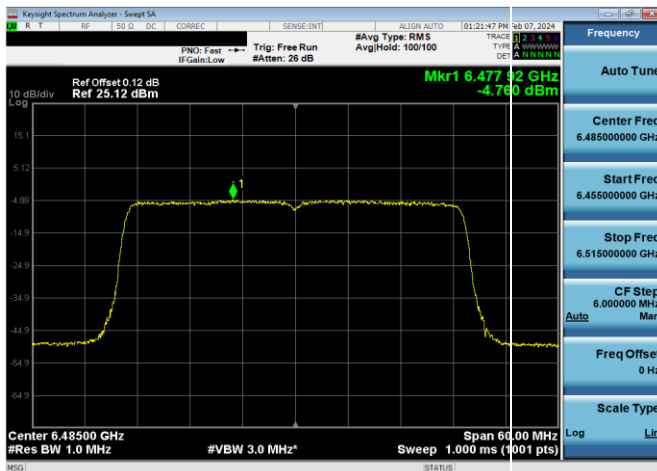


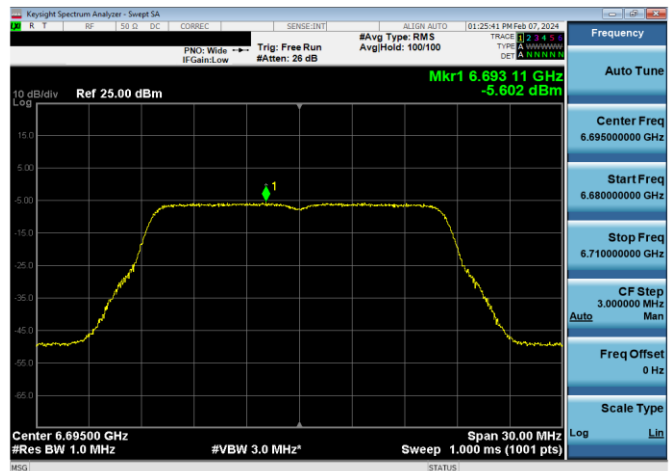
Plot 7-367. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



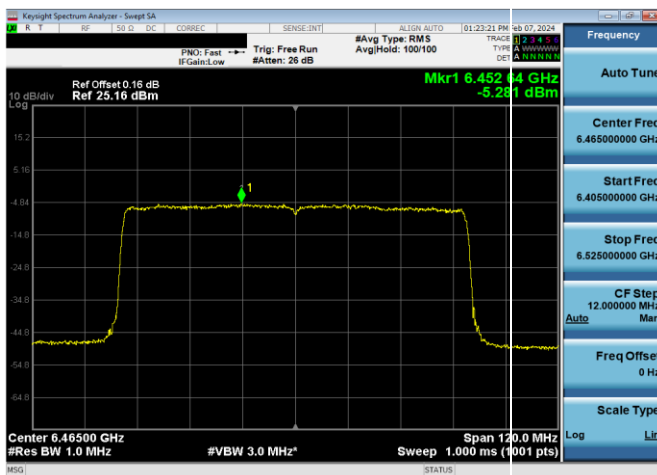
Plot 7-370. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



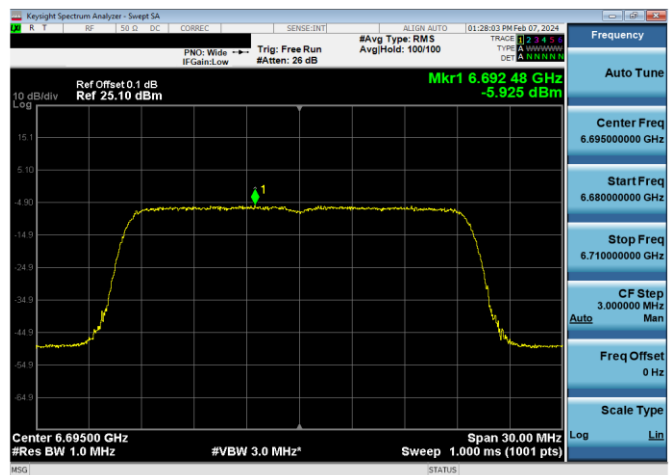
Plot 7-368. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-371. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 12Mbps)

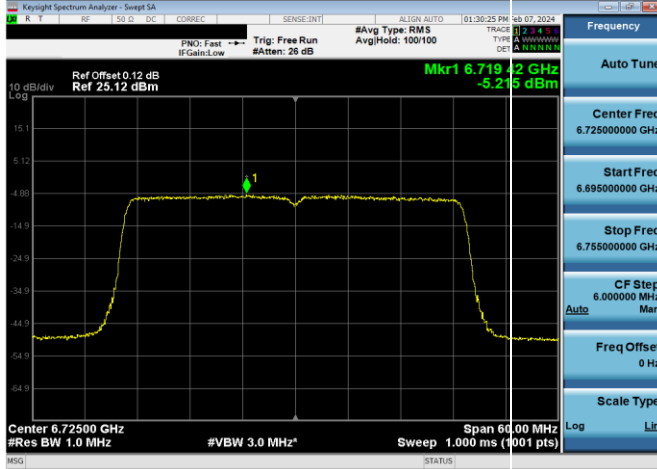


Plot 7-369. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)

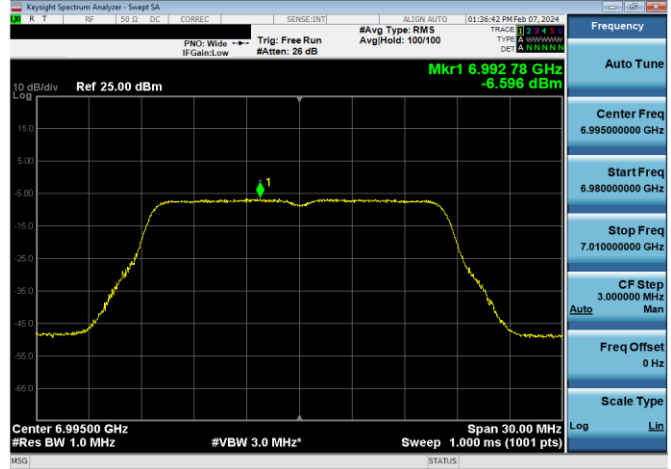


Plot 7-372. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

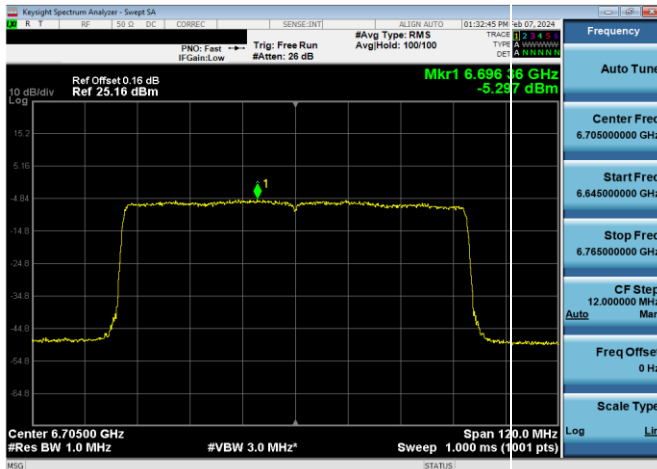
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 161 of 510



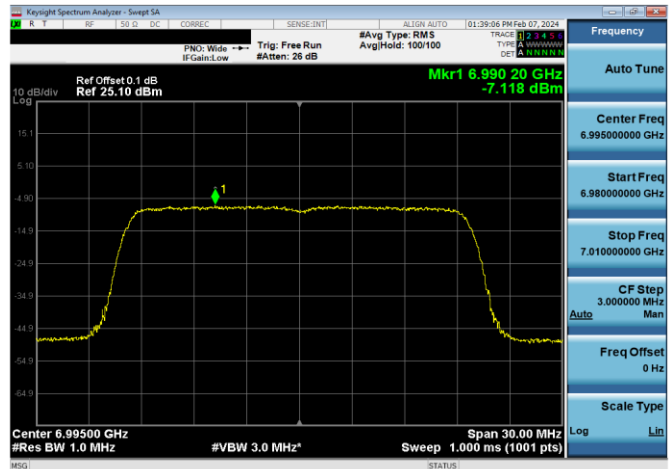
Plot 7-373. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



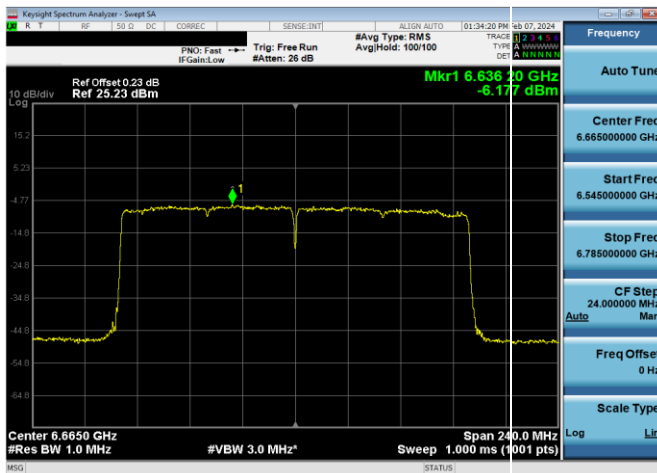
Plot 7-376. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 12Mbps)



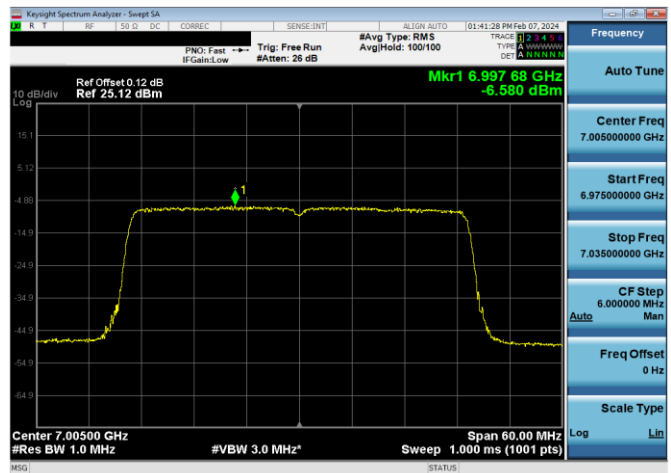
Plot 7-374. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-377. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS2)

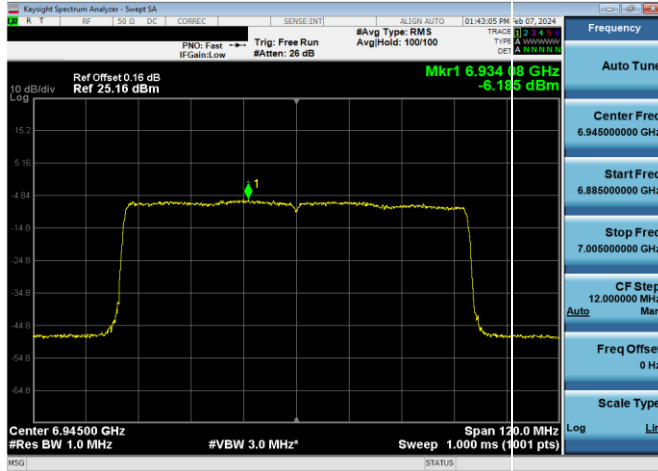


Plot 7-375. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

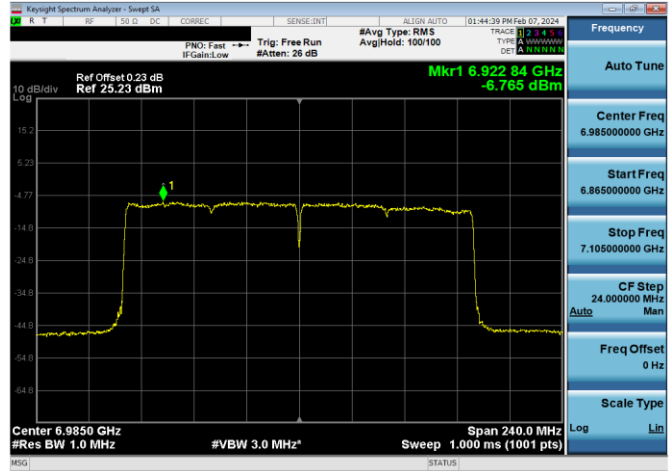


Plot 7-378. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS2)

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 162 of 510



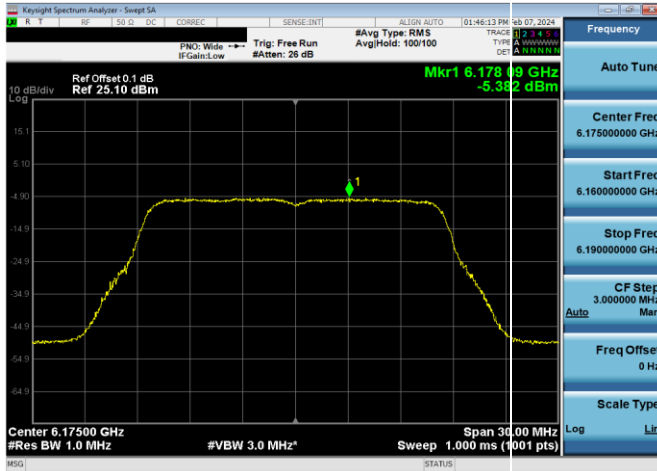
Plot 7-379. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS2)



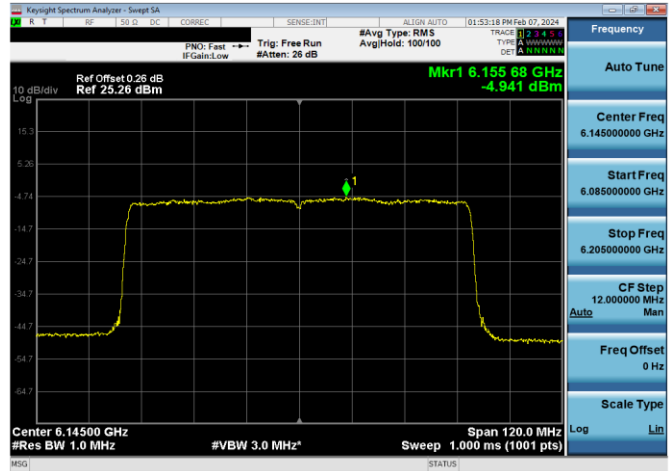
Plot 7-380. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS2)

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 163 of 510

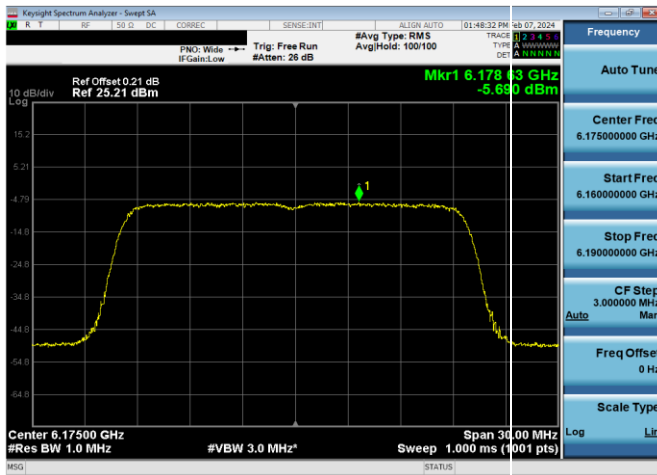
Mid Data Rate



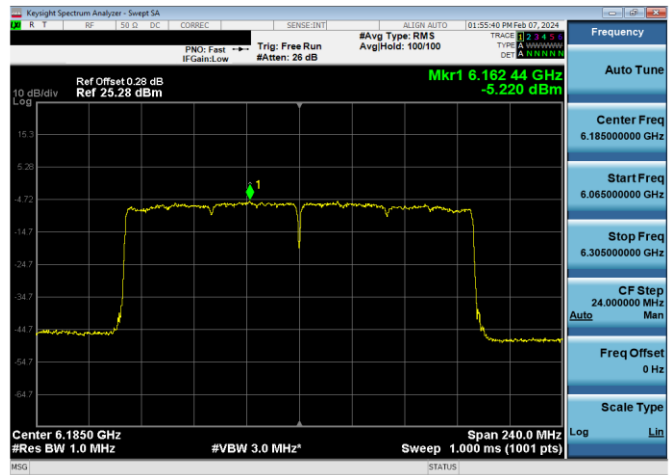
Plot 7-381. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



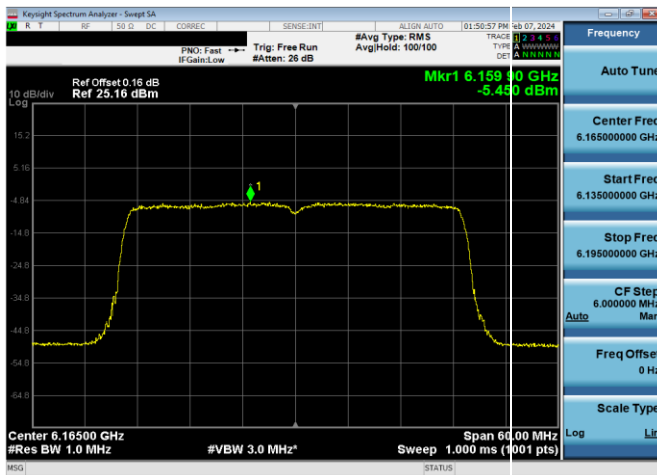
Plot 7-384. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



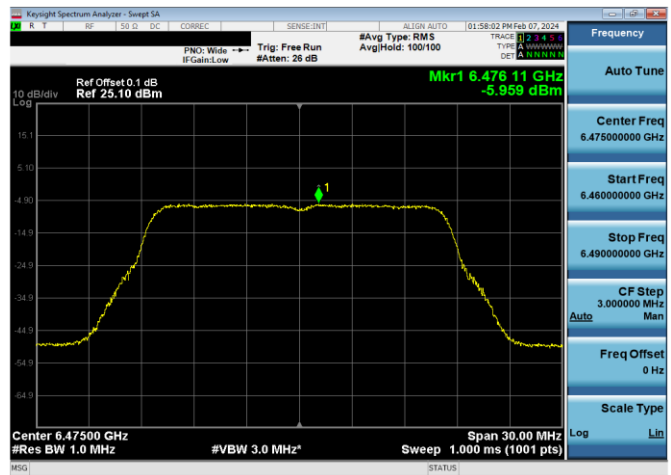
Plot 7-382. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-385. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)

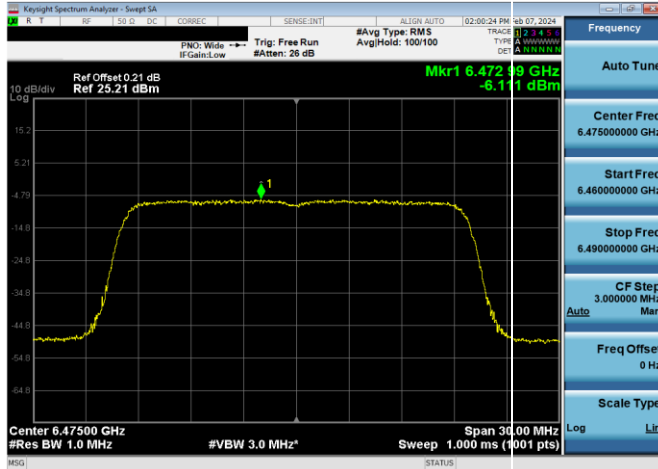


Plot 7-383. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

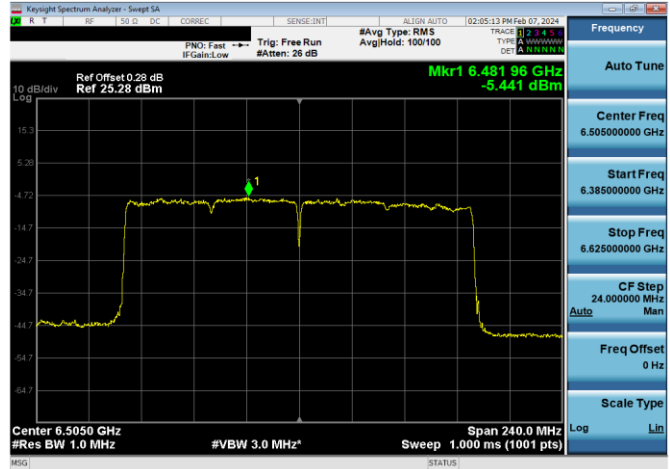


Plot 7-386. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 6) – Ch. 105, 24Mbps)

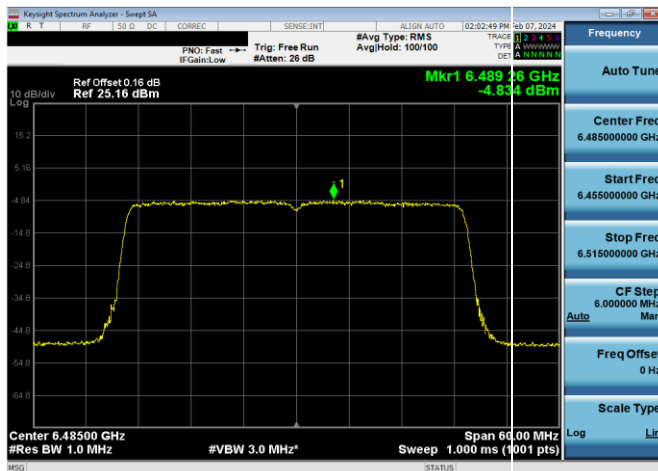
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 164 of 510



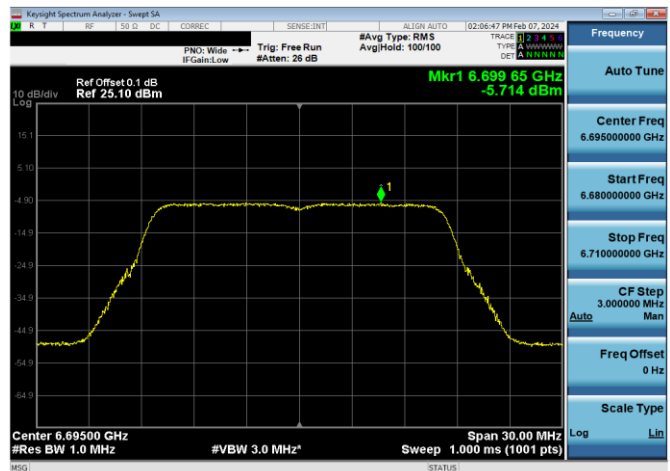
Plot 7-387. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



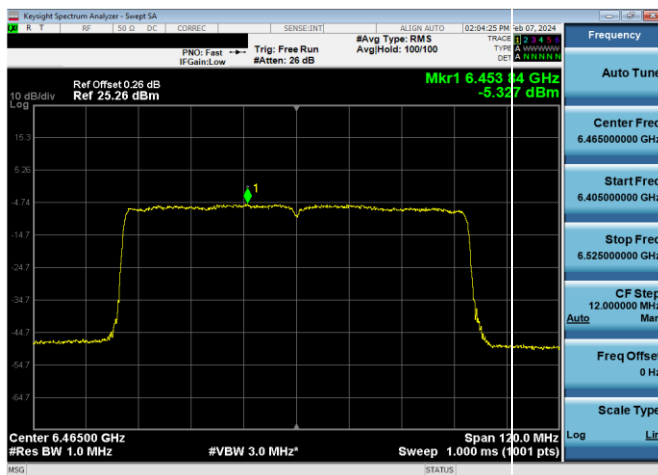
Plot 7-390. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)



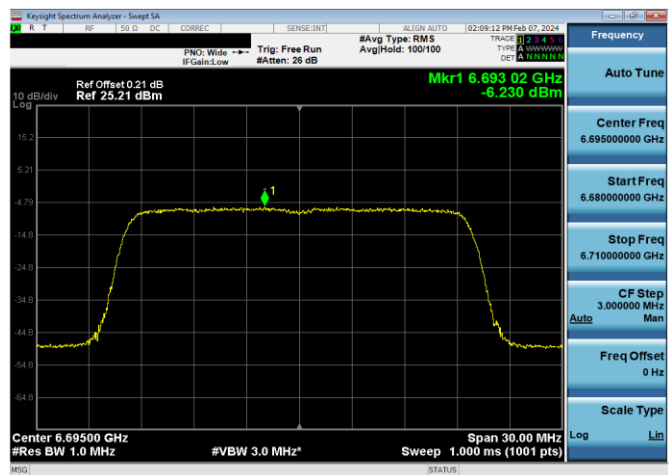
Plot 7-388. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-391. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

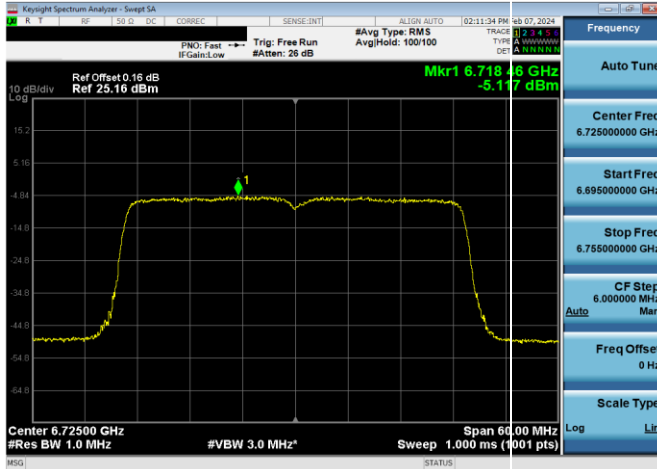


Plot 7-389. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)

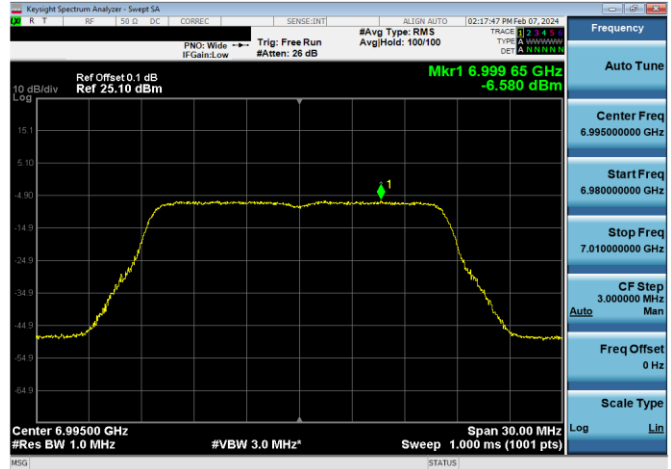


Plot 7-392. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

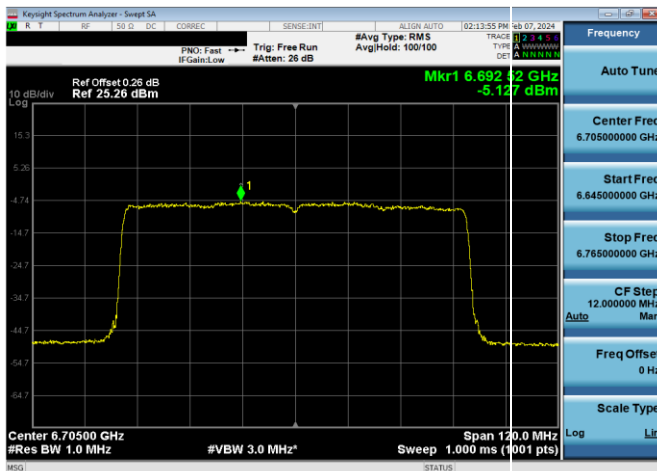
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 165 of 510



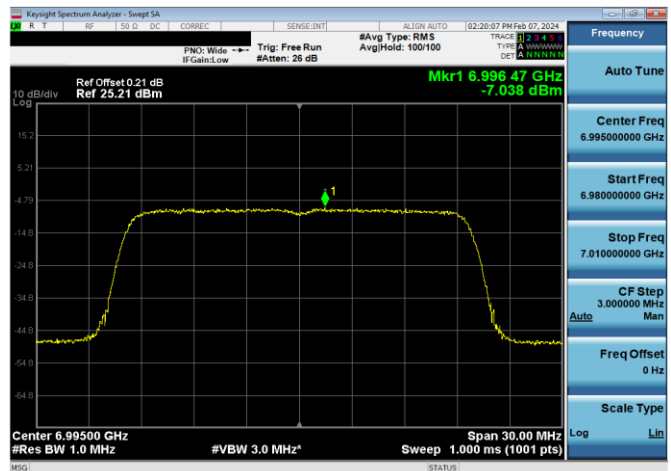
Plot 7-393. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



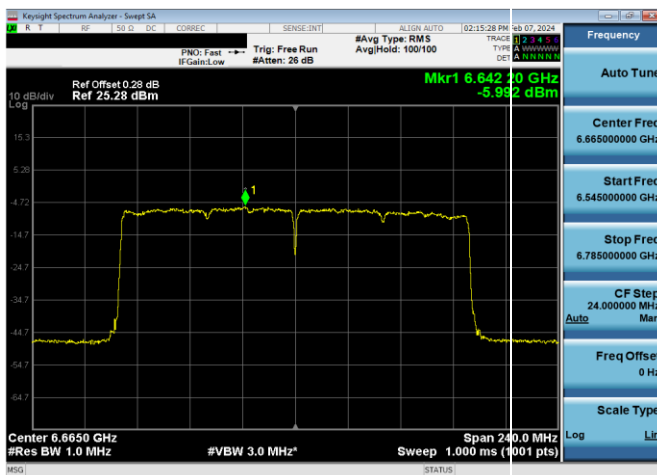
Plot 7-396. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 24Mbps)



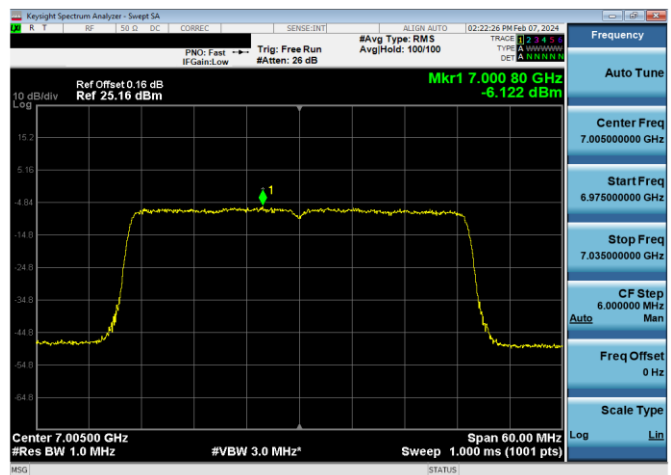
Plot 7-394. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-397. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS4)

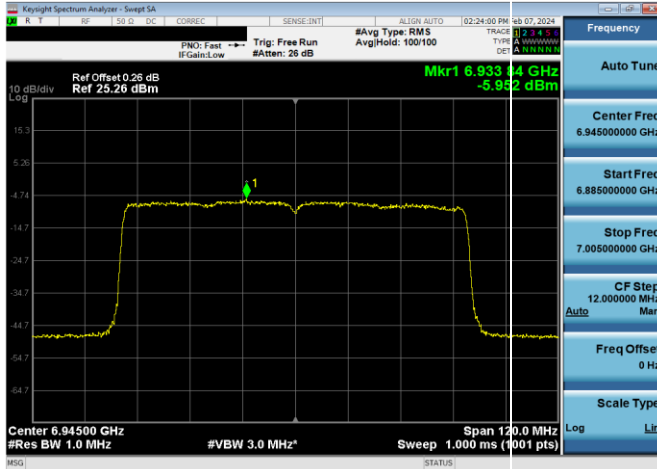


Plot 7-395. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)

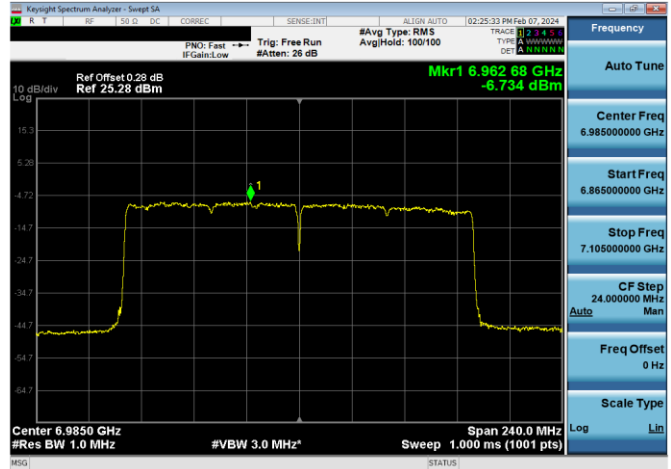


Plot 7-398. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS4)

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 166 of 510



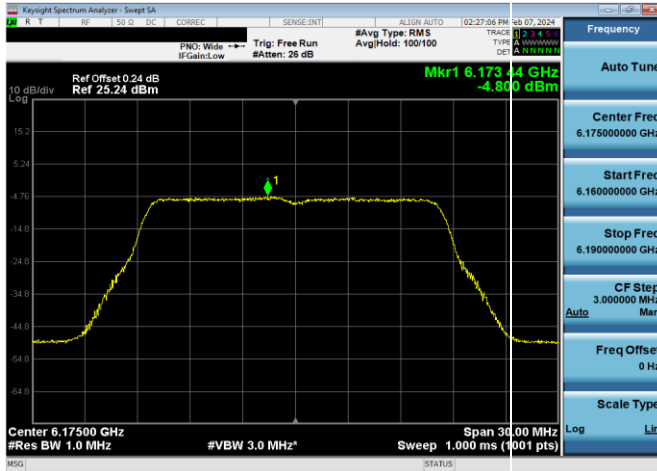
Plot 7-399. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS4)



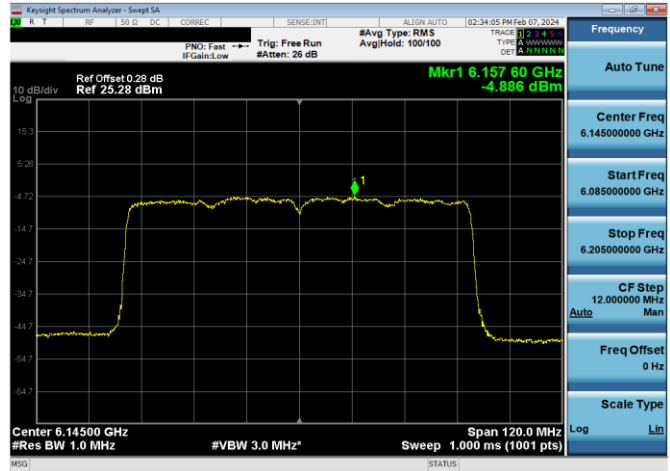
Plot 7-400. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS4)

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 167 of 510

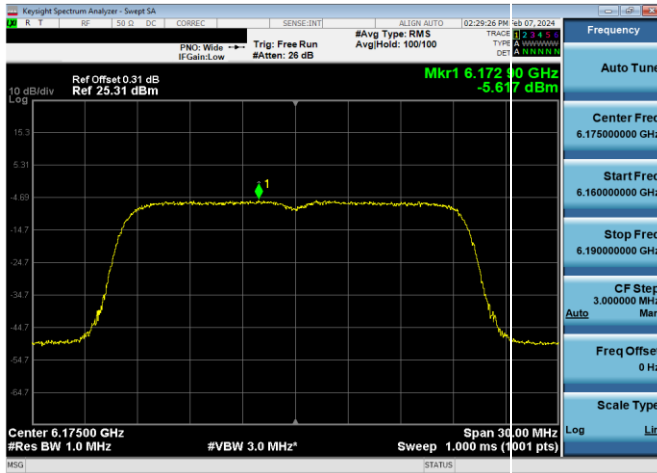
High Data Rate



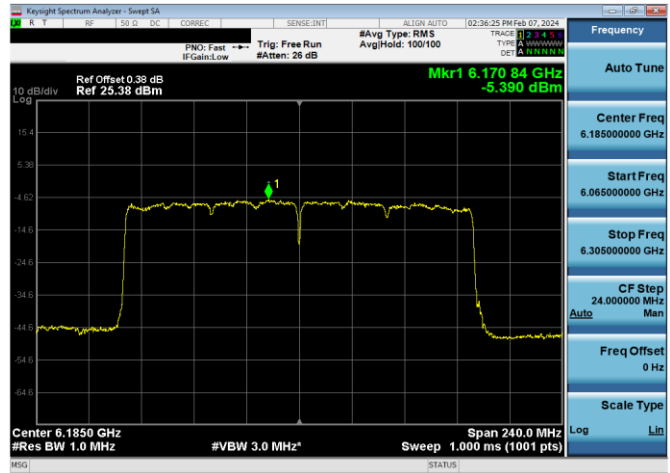
Plot 7-401. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



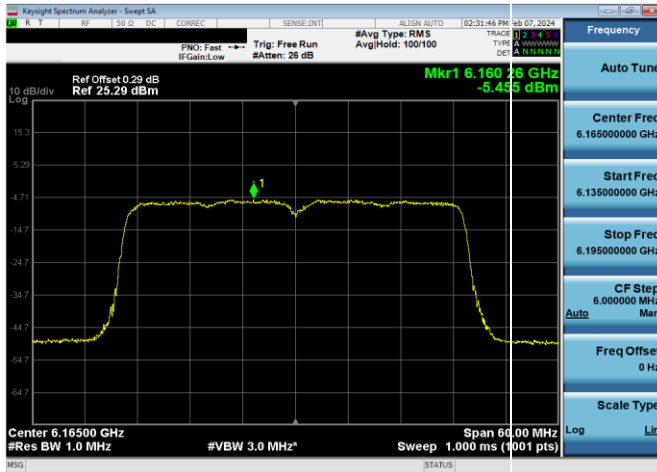
Plot 7-404. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



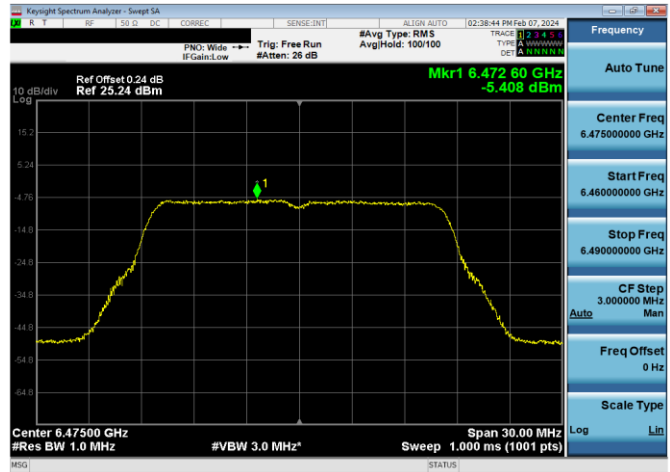
Plot 7-402. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-405. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

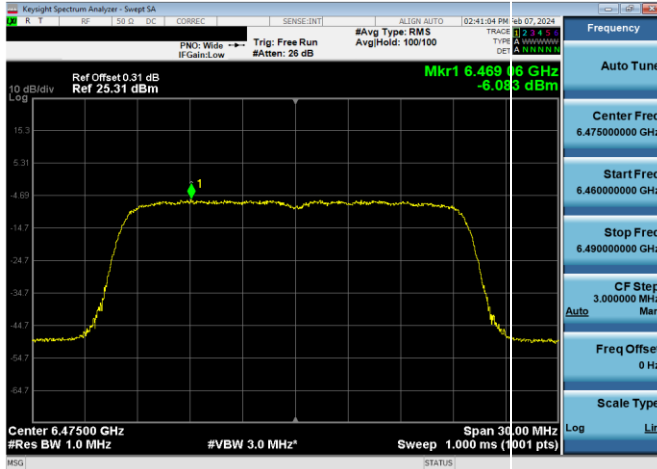


Plot 7-403. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

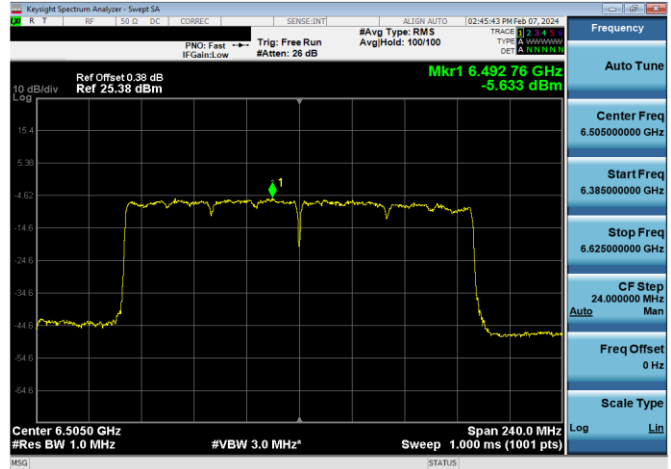


Plot 7-406. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

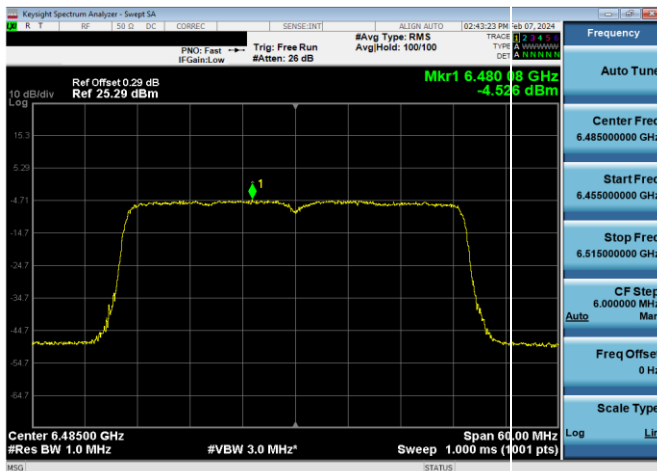
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 168 of 510



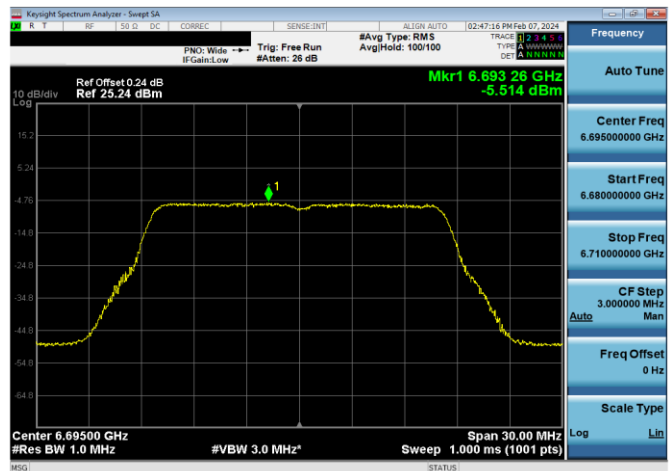
Plot 7-407. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



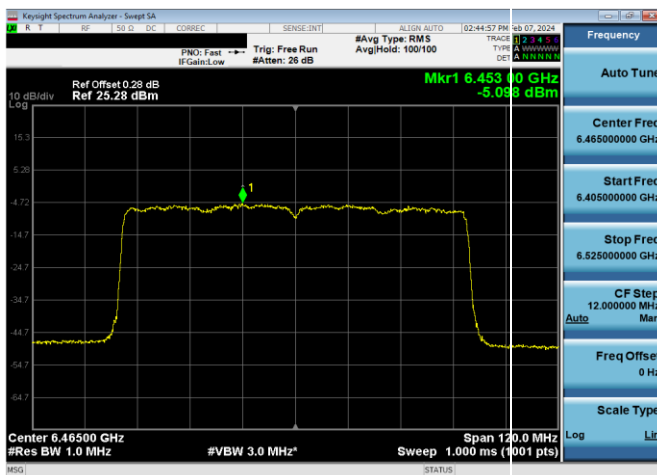
Plot 7-410. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



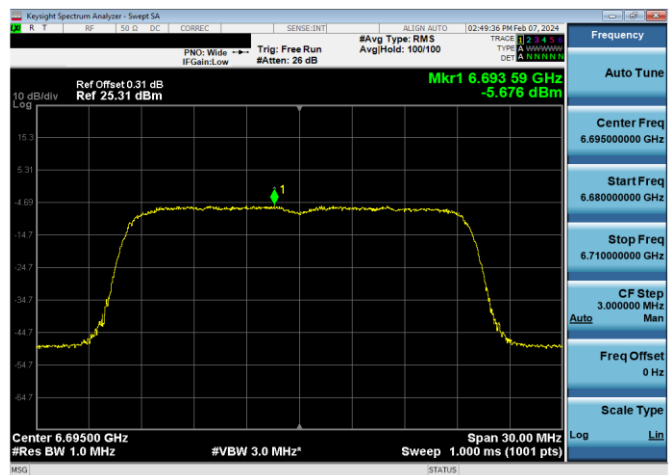
Plot 7-408. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-411. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

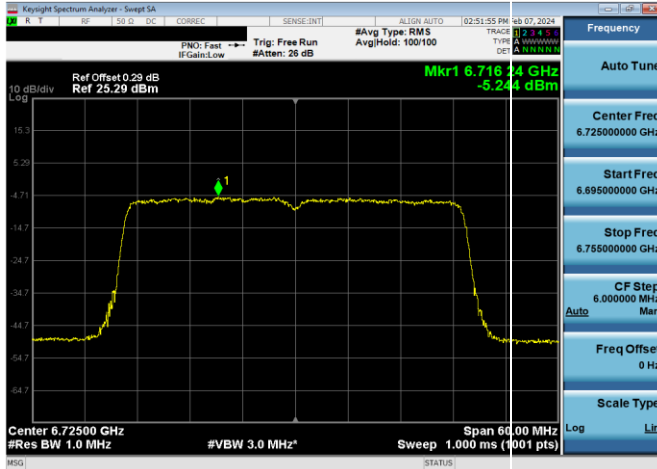


Plot 7-409. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

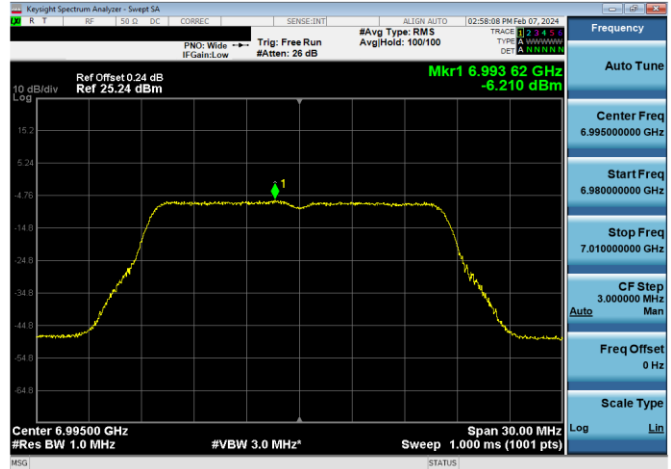


Plot 7-412. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

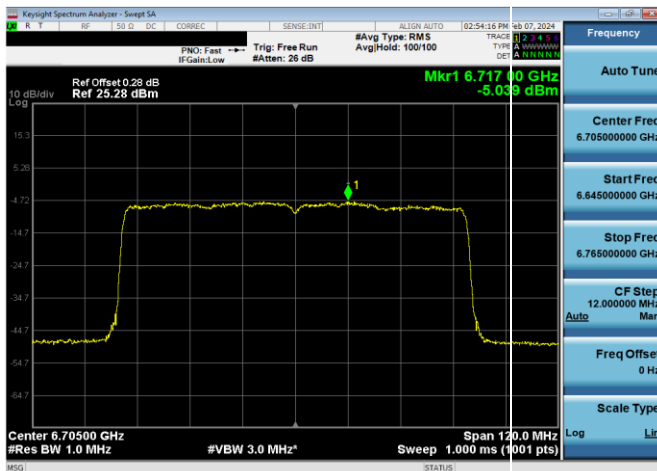
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 169 of 510



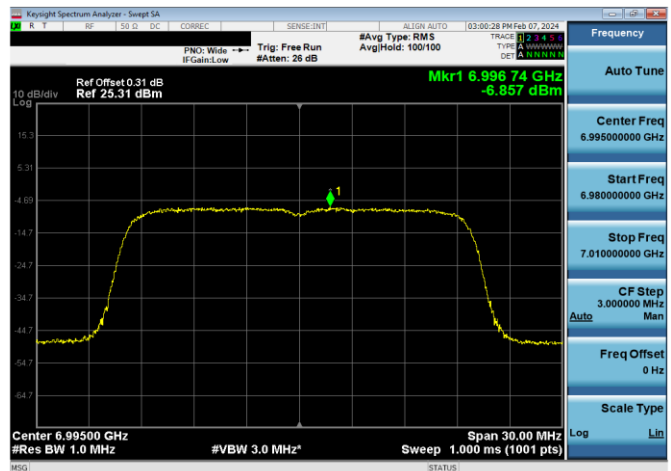
Plot 7-413. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



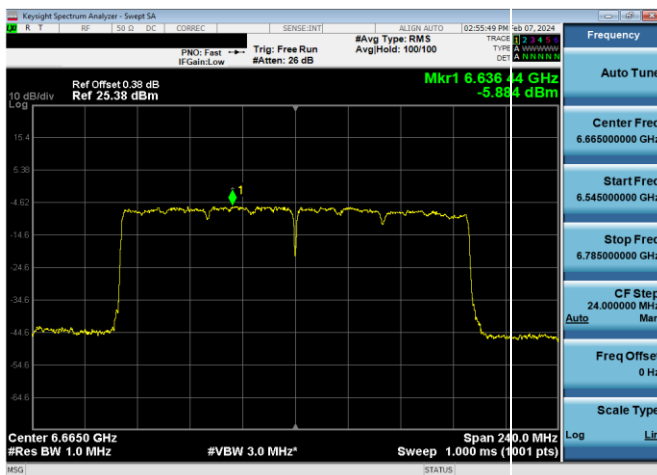
Plot 7-416. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



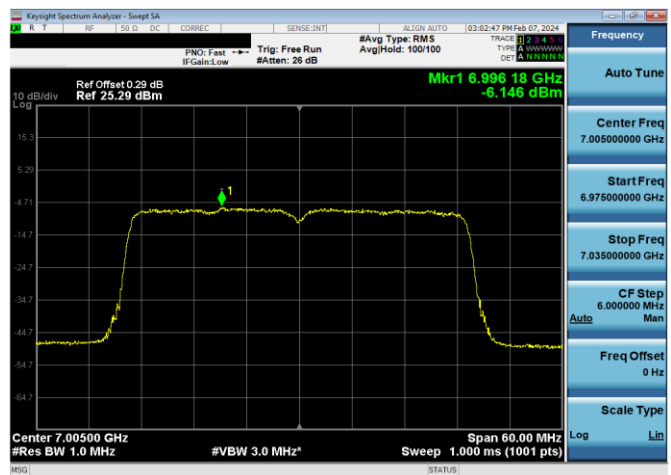
Plot 7-414. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-417. Power Spectral Density Plot Antenna 2a LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

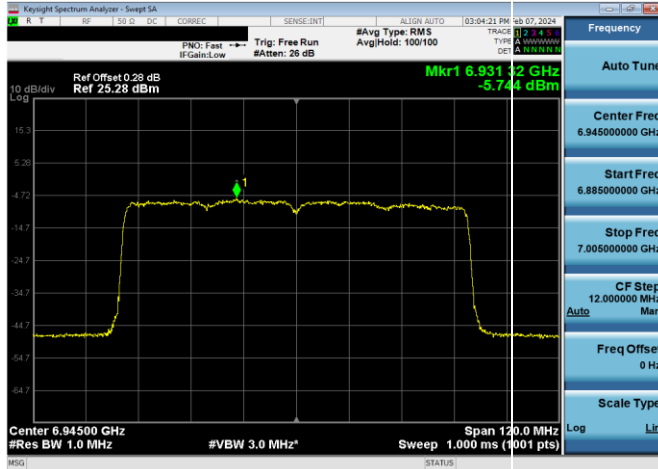


Plot 7-415. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

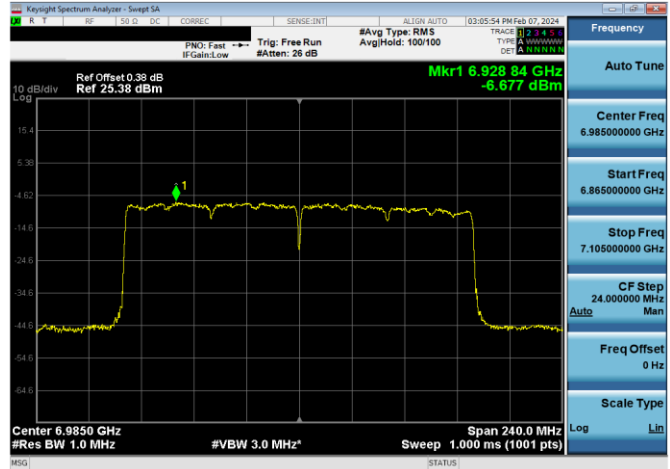


Plot 7-418. Power Spectral Density Plot Antenna 2a LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

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 170 of 510



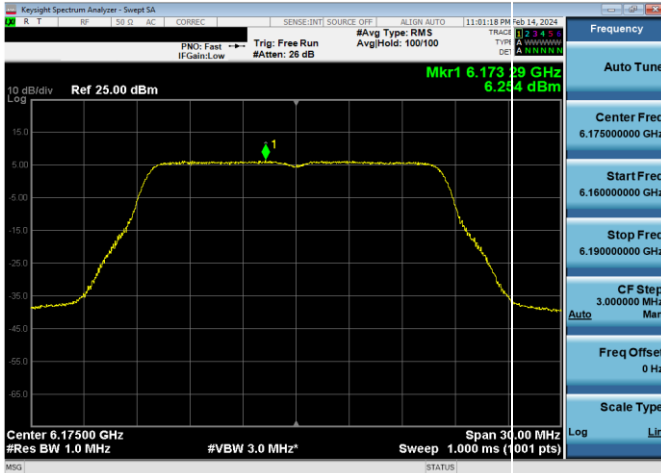
Plot 7-419. Power Spectral Density Plot Antenna 2a LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)



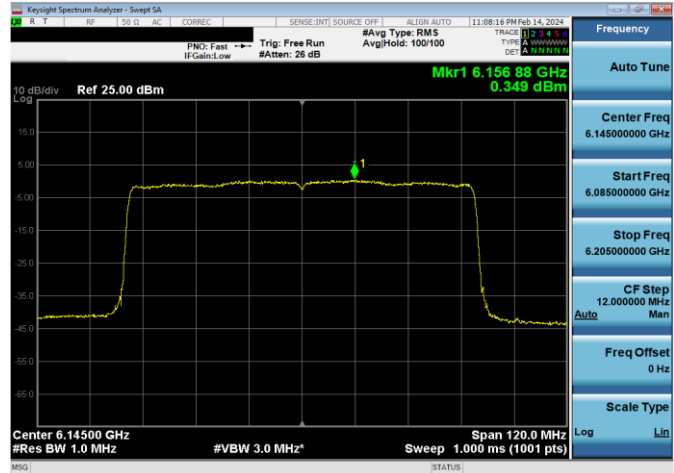
Plot 7-420. Power Spectral Density Plot Antenna 2a LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)

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 171 of 510

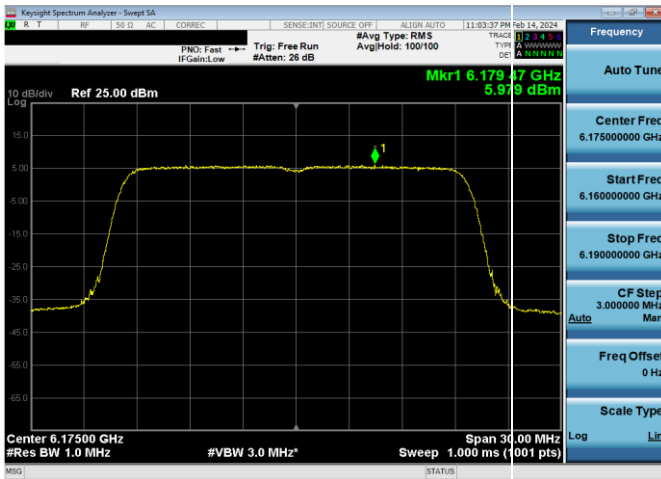
Low Data Rate



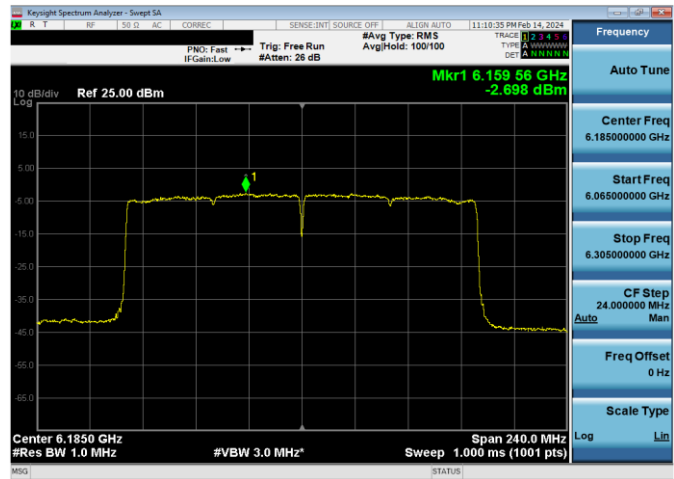
Plot 7-421. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11a (UNII Band 5) – Ch. 45, 12Mbps)



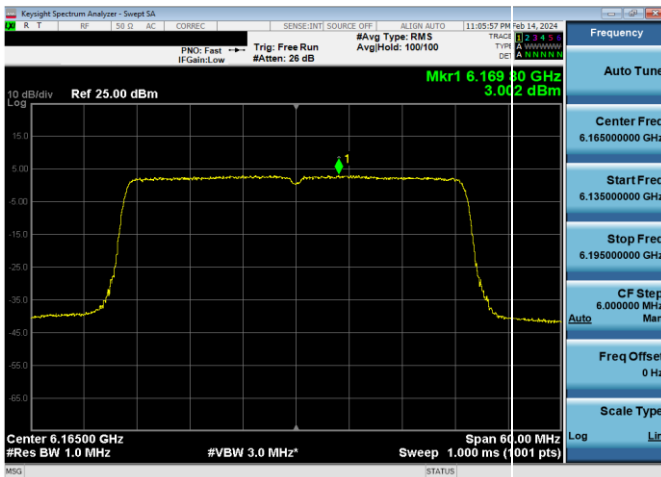
Plot 7-424. Power Spectral Density Plot Antenna 2a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



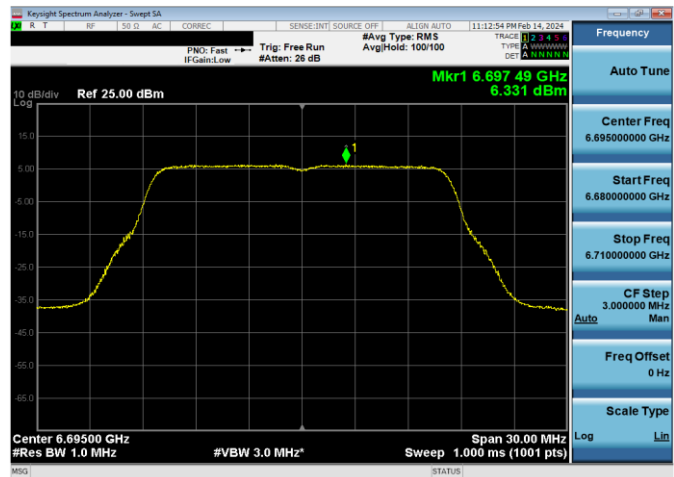
Plot 7-422. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-425. Power Spectral Density Plot Antenna 2a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)

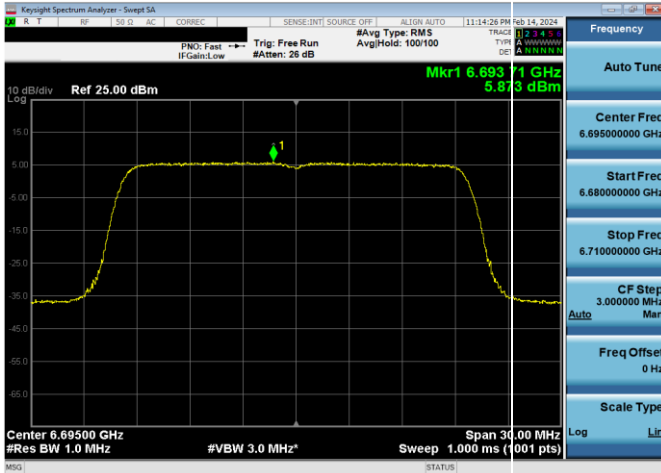


Plot 7-423. Power Spectral Density Plot Antenna 2a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)

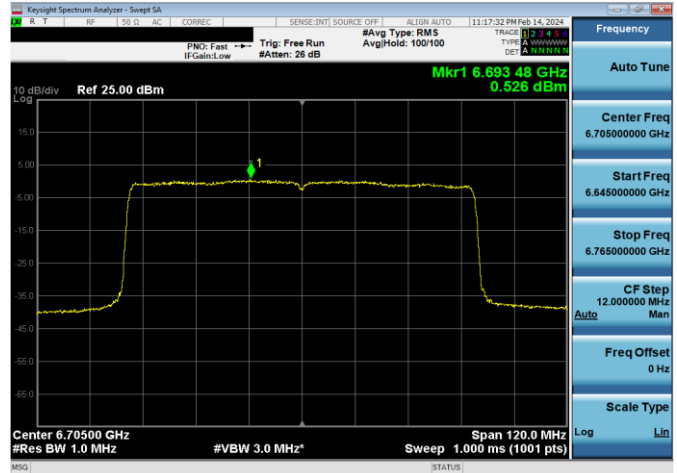


Plot 7-426. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11a (UNII Band 7) – Ch. 149, 12Mbps)

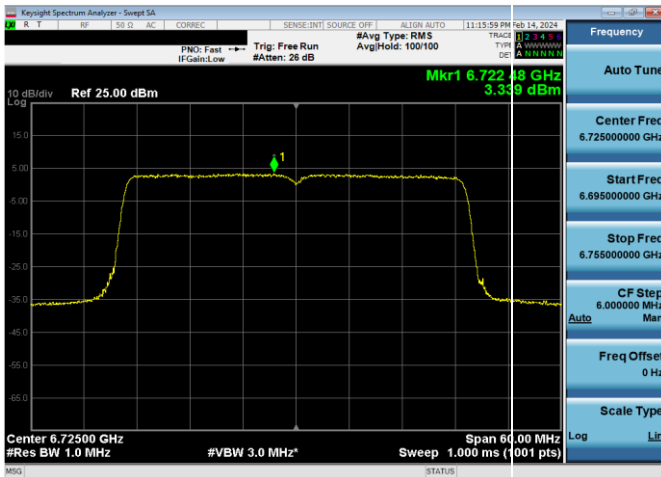
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 172 of 510



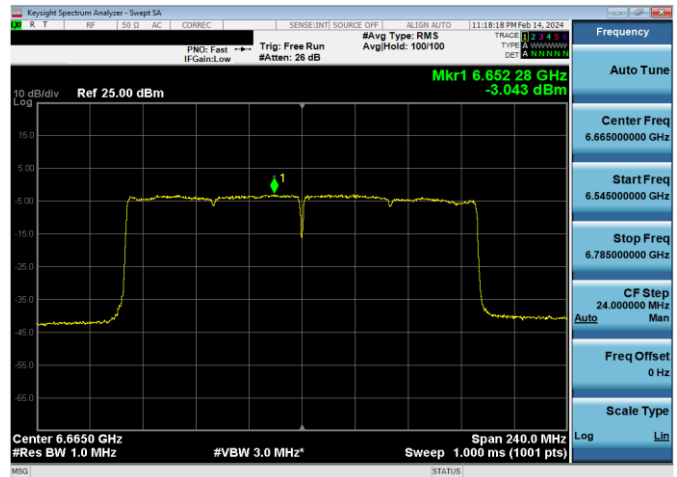
Plot 7-427. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)



Plot 7-429. Power Spectral Density Plot Antenna 2a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



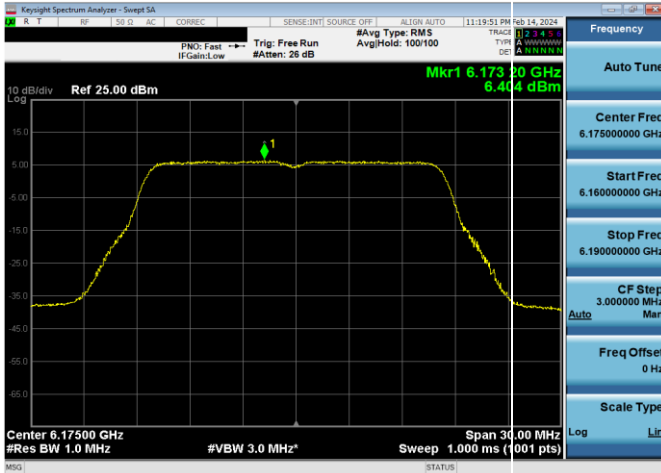
Plot 7-428. Power Spectral Density Plot Antenna 2a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



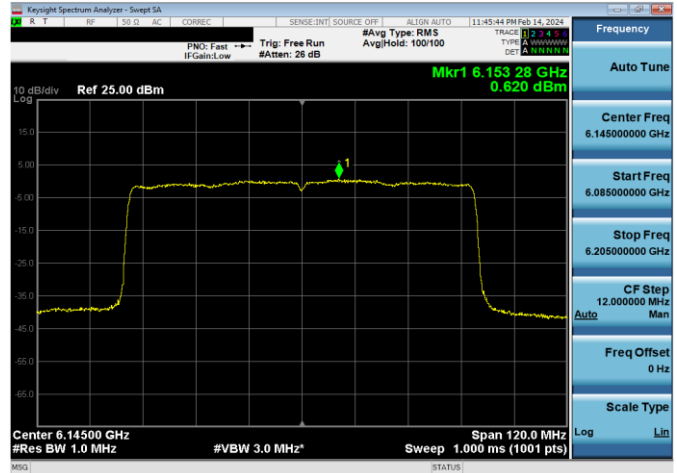
Plot 7-430. Power Spectral Density Plot Antenna 2a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

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 173 of 510

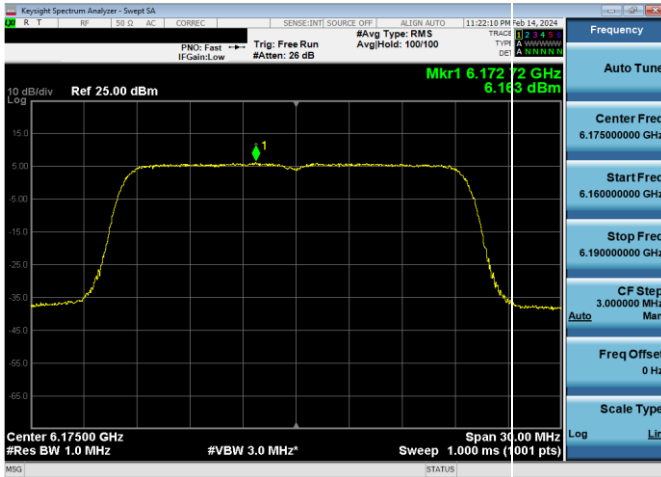
Mid Data Rate



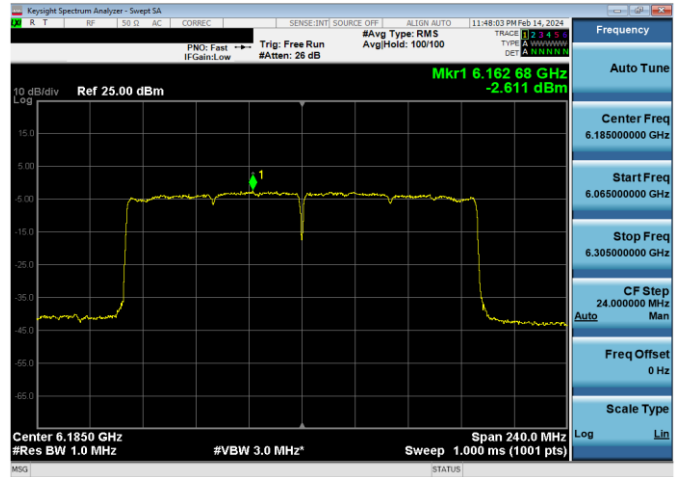
Plot 7-431. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



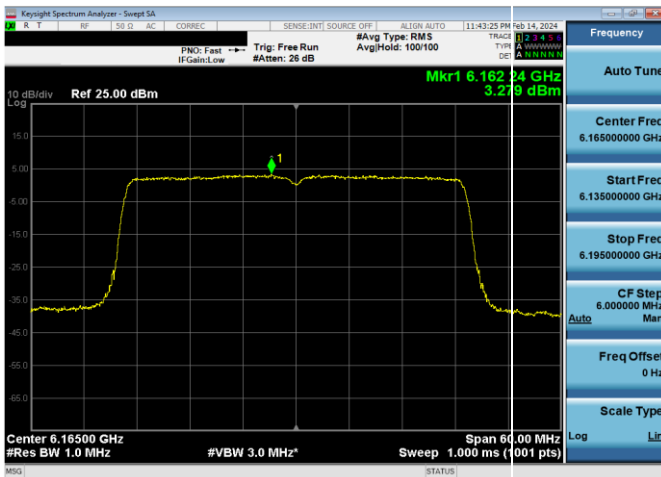
Plot 7-434. Power Spectral Density Plot Antenna 2a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



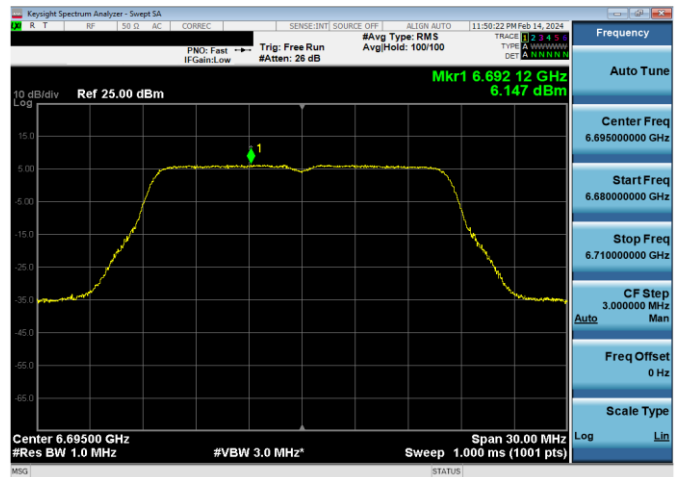
Plot 7-432. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-435. Power Spectral Density Plot Antenna 2a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)

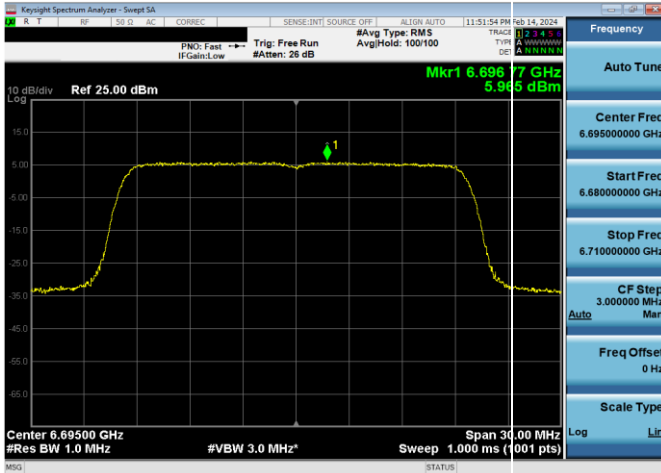


Plot 7-433. Power Spectral Density Plot Antenna 2a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

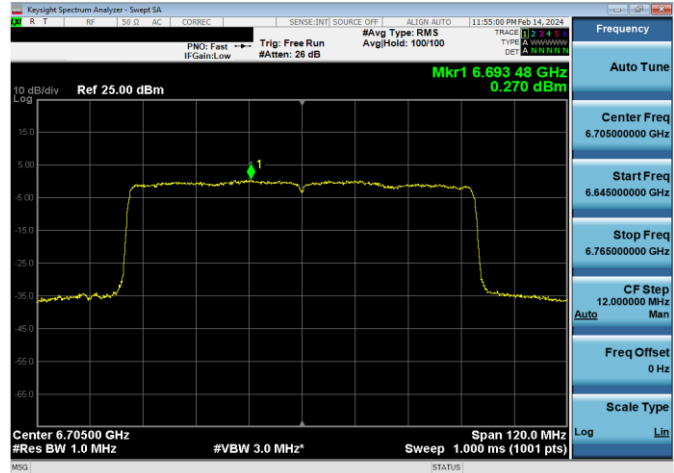


Plot 7-436. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

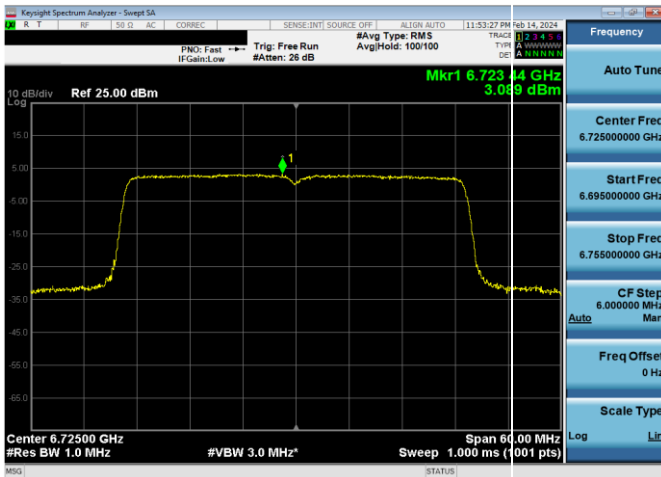
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 174 of 510



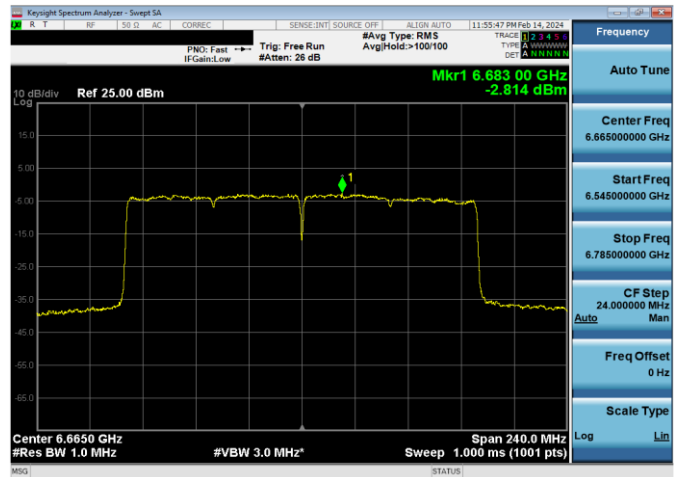
Plot 7-437. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)



Plot 7-439. Power Spectral Density Plot Antenna 2a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



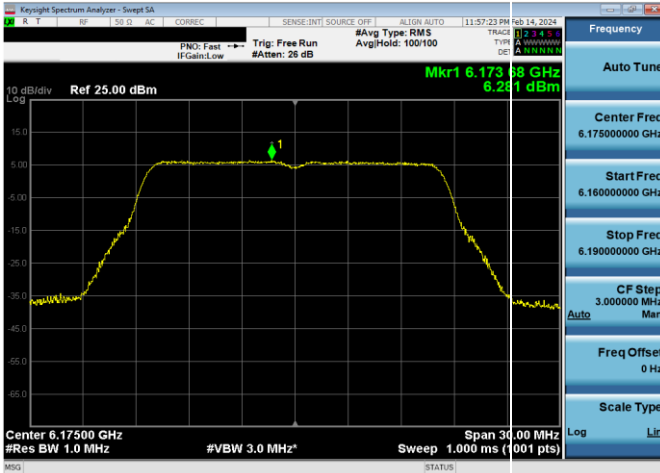
Plot 7-438. Power Spectral Density Plot Antenna 2a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



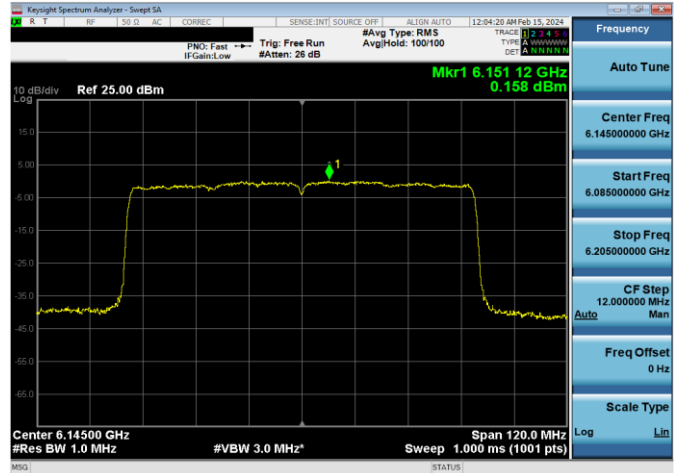
Plot 7-440. Power Spectral Density Plot Antenna 2a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)

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 175 of 510

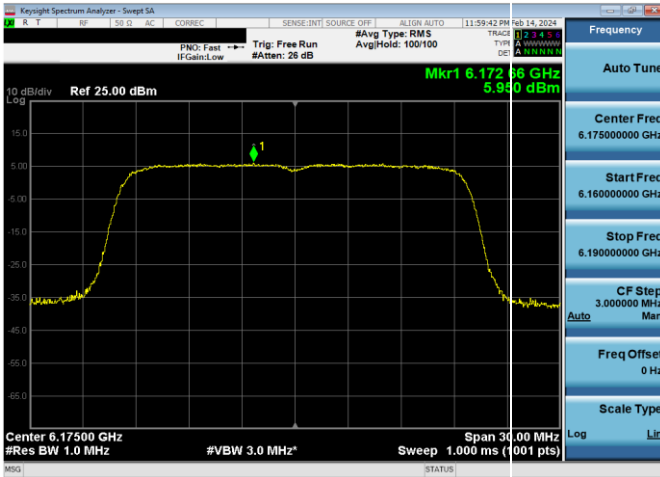
High Data Rate



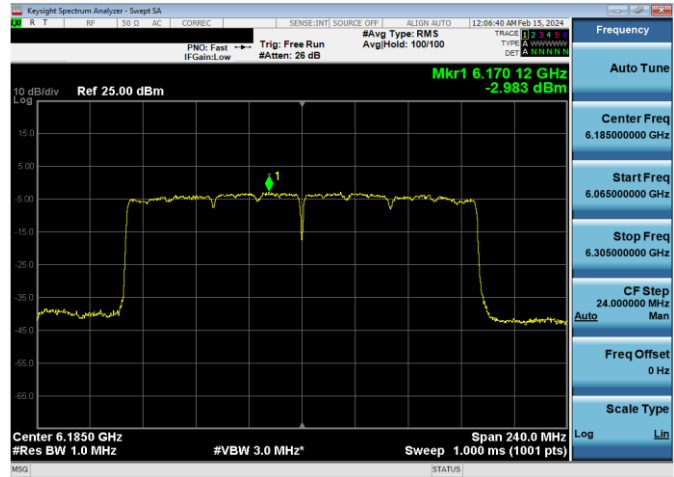
Plot 7-441. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



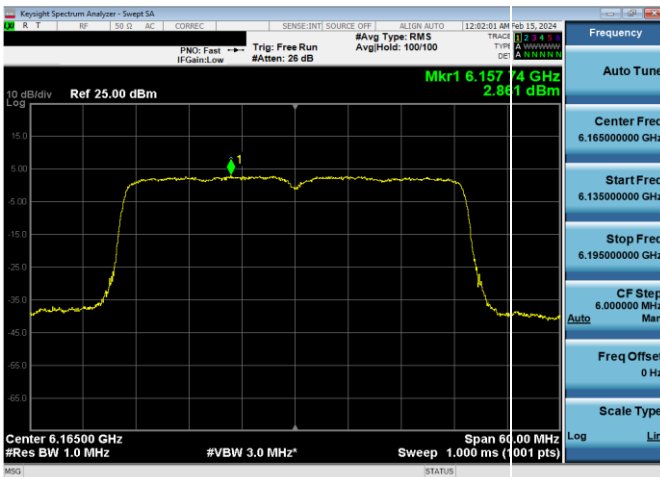
Plot 7-444. Power Spectral Density Plot Antenna 2a Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



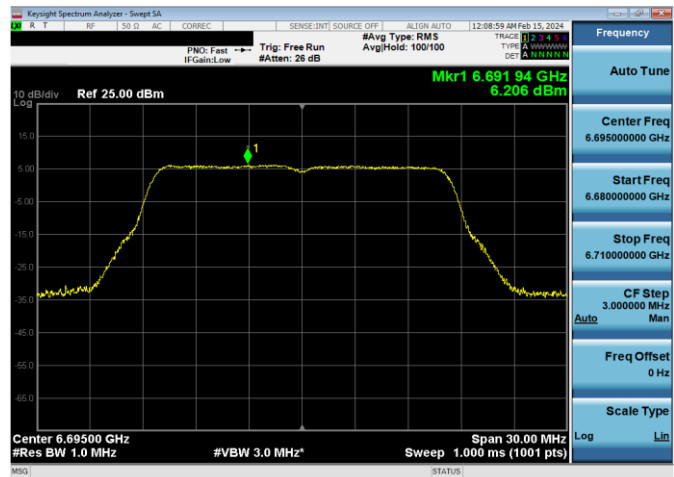
Plot 7-442. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-445. Power Spectral Density Plot Antenna 2a Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

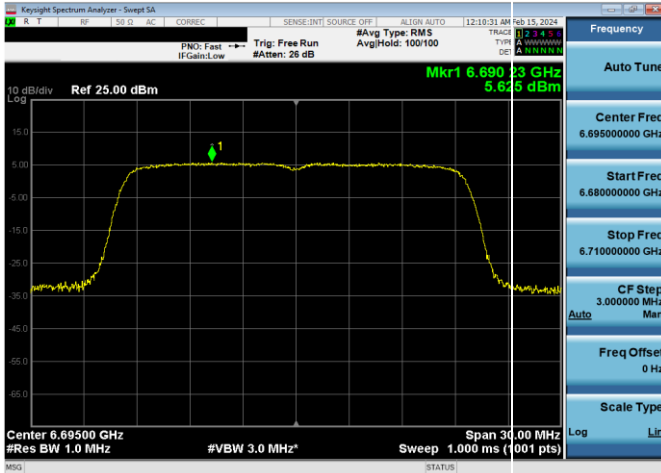


Plot 7-443. Power Spectral Density Plot Antenna 2a Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

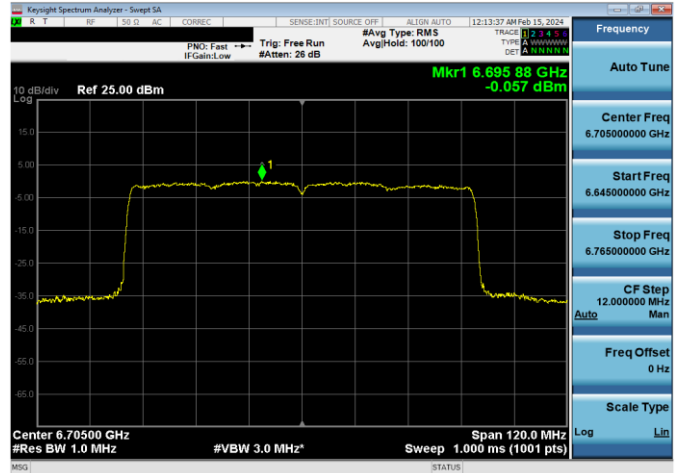


Plot 7-446. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

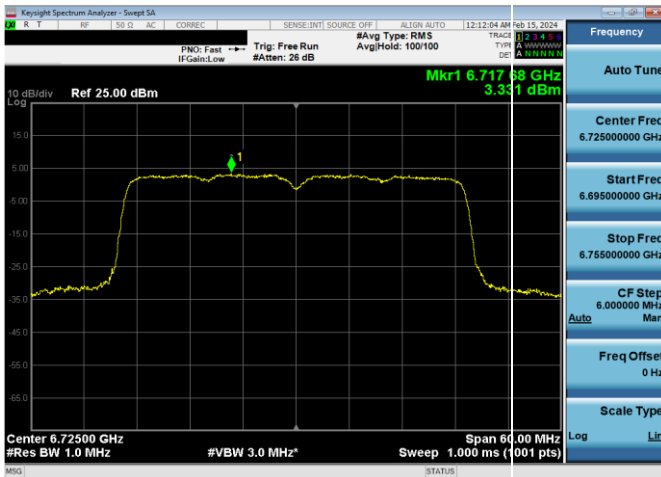
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-24-R2.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 176 of 510



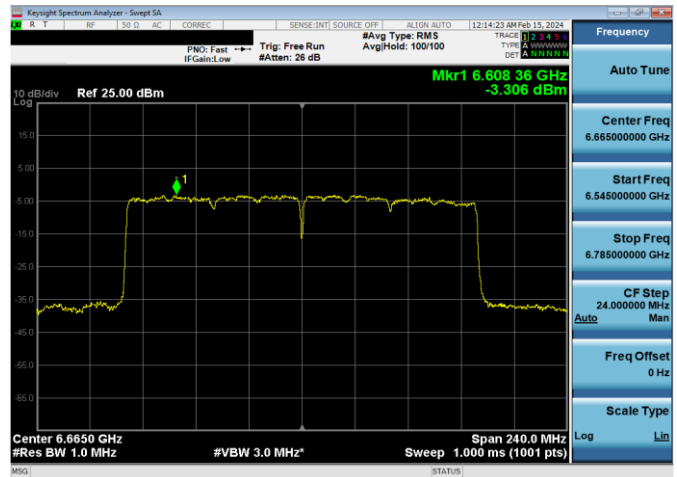
Plot 7-447. Power Spectral Density Plot Antenna 2a Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-449. Power Spectral Density Plot Antenna 2a Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-448. Power Spectral Density Plot Antenna 2a Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-450. Power Spectral Density Plot Antenna 2a Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, 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 177 of 510

7.4.4 SDM/CDD Primary Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF5B Measured Power Density [dBm/MHz]	Antenna 4a Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional 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	ax (20MHz)	SDM	48/51.6 (MCS2)	-8.08	-8.32	-5.19	2.15	-3.03	-1	-2.03
	6175	45	ax (20MHz)	SDM	48/51.6 (MCS2)	-8.74	-9.00	-5.86	2.15	-3.70	-1	-2.70
	6415	93	ax (20MHz)	SDM	48/51.6 (MCS2)	-8.97	-8.06	-5.48	2.15	-3.32	-1	-2.32
	5965	3	ax (40MHz)	SDM	98/103.2 (MCS2)	-6.76	-7.46	-4.08	2.15	-1.93	-1	-0.93
	6165	43	ax (40MHz)	SDM	98/103.2 (MCS2)	-8.34	-8.54	-5.43	2.15	-3.28	-1	-2.28
	6405	91	ax (40MHz)	SDM	98/103.2 (MCS2)	-8.35	-8.35	-5.34	2.15	-3.19	-1	-2.19
	5985	7	ax (80MHz)	SDM	204/216.2 (MCS2)	-6.78	-7.56	-4.14	2.15	-1.99	-1	-0.99
	6145	39	ax (80MHz)	SDM	204/216.2 (MCS2)	-8.46	-8.41	-5.42	2.15	-3.27	-1	-2.27
	6385	87	ax (80MHz)	SDM	204/216.2 (MCS2)	-8.42	-7.89	-5.13	2.15	-2.98	-1	-1.98
	6025	15	ax (160MHz)	SDM	367.5/432.4 (MCS2)	-7.88	-8.23	-5.04	2.15	-2.89	-1	-1.89
Band 6	6185	47	ax (160MHz)	SDM	367.5/432.4 (MCS2)	-8.79	-8.76	-5.76	2.15	-3.61	-1	-2.61
	6345	79	ax (160MHz)	SDM	367.5/432.4 (MCS2)	-8.76	-9.31	-6.02	2.15	-3.86	-1	-2.86
	6435	97	ax (20MHz)	SDM	48/51.6 (MCS2)	-8.75	-8.50	-5.61	2.20	-3.41	-1	-2.41
	6475	105	ax (20MHz)	SDM	48/51.6 (MCS2)	-9.08	-8.49	-5.76	2.20	-3.56	-1	-2.56
	6515	113	ax (20MHz)	SDM	48/51.6 (MCS2)	-8.84	-8.96	-5.89	2.20	-3.69	-1	-2.69
	6445	99	ax (40MHz)	SDM	98/103.2 (MCS2)	-8.21	-8.05	-5.12	2.20	-2.92	-1	-1.92
	6485	107	ax (40MHz)	SDM	98/103.2 (MCS2)	-7.98	-7.82	-4.89	2.20	-2.69	-1	-1.69
	6525	115	ax (40MHz)	SDM	98/103.2 (MCS2)	-8.46	-8.20	-5.32	2.20	-3.12	-1	-2.12
	6465	103	ax (80MHz)	SDM	204/216.2 (MCS2)	-8.50	-7.80	-5.12	2.20	-2.92	-1	-1.92
	6505	111	ax (160MHz)	SDM	367.5/432.4 (MCS2)	-8.86	-9.32	-6.07	2.20	-3.87	-1	-2.87
Band 7	6535	117	ax (20MHz)	SDM	48/51.6 (MCS2)	-9.21	-9.48	-6.33	2.41	-3.92	-1	-2.92
	6695	149	ax (20MHz)	SDM	48/51.6 (MCS2)	-8.92	-8.86	-5.88	2.41	-3.46	-1	-2.46
	6875	185	ax (20MHz)	SDM	48/51.6 (MCS2)	-9.15	-8.91	-6.02	2.41	-3.61	-1	-2.61
	6565	123	ax (40MHz)	SDM	98/103.2 (MCS2)	-8.76	-8.88	-5.81	2.41	-3.40	-1	-2.40
	6725	155	ax (40MHz)	SDM	98/103.2 (MCS2)	-8.36	-7.78	-5.05	2.41	-2.64	-1	-1.64
	6845	179	ax (40MHz)	SDM	98/103.2 (MCS2)	-9.08	-8.57	-5.81	2.41	-3.40	-1	-2.40
	6545	119	ax (80MHz)	SDM	204/216.2 (MCS2)	-8.32	-8.09	-5.19	2.41	-2.78	-1	-1.78
	6705	151	ax (80MHz)	SDM	204/216.2 (MCS2)	-8.63	-8.27	-5.43	2.41	-3.02	-1	-2.02
	6865	183	ax (80MHz)	SDM	204/216.2 (MCS2)	-8.64	-8.88	-5.75	2.41	-3.34	-1	-2.34
	6665	143	ax (160MHz)	SDM	367.5/432.4 (MCS2)	-9.00	-9.25	-6.11	2.41	-3.70	-1	-2.70
Band 8	6825	175	ax (160MHz)	SDM	367.5/432.4 (MCS2)	-8.70	-9.19	-5.92	2.41	-3.51	-1	-2.51
	6895	189	ax (20MHz)	SDM	48/51.6 (MCS2)	-9.29	-9.06	-6.16	2.61	-3.55	-1	-2.55
	6995	209	ax (20MHz)	SDM	48/51.6 (MCS2)	-9.55	-9.45	-6.49	2.61	-3.88	-1	-2.88
	7115	233	ax (20MHz)	SDM	48/51.6 (MCS2)	-9.50	-9.25	-6.36	2.61	-3.75	-1	-2.75
	6885	187	ax (40MHz)	SDM	98/103.2 (MCS2)	-9.08	-8.53	-5.79	2.61	-3.17	-1	-2.17
	7005	211	ax (40MHz)	SDM	98/103.2 (MCS2)	-8.59	-8.47	-5.52	2.61	-2.91	-1	-1.91
	7085	227	ax (40MHz)	SDM	98/103.2 (MCS2)	-9.42	-8.60	-5.98	2.61	-3.36	-1	-2.36
	6945	199	ax (80MHz)	SDM	204/216.2 (MCS2)	-8.70	-8.81	-5.74	2.61	-3.13	-1	-2.13
	7025	215	ax (80MHz)	SDM	204/216.2 (MCS2)	-9.06	-8.83	-5.93	2.61	-3.32	-1	-2.32
	6985	207	ax (160MHz)	SDM	367.5/432.4 (MCS2)	-9.24	-9.05	-6.13	2.61	-3.52	-1	-2.52

Table 7-149. Power Spectral Density Measurements SDM Primary (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 178 of 510

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF5B Measured Power Density [dBm/MHz]	Antenna 4a Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional 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	ax (20MHz)	SDM	98/103.2 (MCS4)	-7.77	-8.48	-5.10	2.15	-2.95	-1	-1.95
	6175	45	ax (20MHz)	SDM	98/103.2 (MCS4)	-8.59	-8.76	-5.66	2.15	-3.51	-1	-2.51
	6415	93	ax (20MHz)	SDM	98/103.2 (MCS4)	-8.90	-7.97	-5.40	2.15	-3.25	-1	-2.25
	5965	3	ax (40MHz)	SDM	196/206.5 (MCS4)	-6.91	-7.24	-4.06	2.15	-1.91	-1	-0.91
	6165	43	ax (40MHz)	SDM	196/206.5 (MCS4)	-8.24	-8.41	-5.31	2.15	-3.16	-1	-2.16
	6405	91	ax (40MHz)	SDM	196/206.5 (MCS4)	-8.20	-7.75	-4.96	2.15	-2.81	-1	-1.81
	5985	7	ax (80MHz)	SDM	408/432.4 (MCS4)	-6.81	-7.34	-4.06	2.15	-1.90	-1	-0.90
	6145	39	ax (80MHz)	SDM	408/432.4 (MCS4)	-7.98	-8.76	-5.34	2.15	-3.19	-1	-2.19
	6385	87	ax (80MHz)	SDM	408/432.4 (MCS4)	-8.36	-7.72	-5.02	2.15	-2.86	-1	-1.86
	6025	15	ax (160MHz)	SDM	735/864.7 (MCS4)	-7.82	-8.09	-4.94	2.15	-2.79	-1	-1.79
	6185	47	ax (160MHz)	SDM	735/864.7 (MCS4)	-8.60	-9.13	-5.85	2.15	-3.70	-1	-2.70
	6345	79	ax (160MHz)	SDM	735/864.7 (MCS4)	-8.79	-9.15	-5.96	2.15	-3.80	-1	-2.80
	Band 6	6435	97	ax (20MHz)	SDM	98/103.2 (MCS4)	-8.87	-8.22	-5.53	2.20	-3.33	-1
6475		105	ax (20MHz)	SDM	98/103.2 (MCS4)	-8.91	-8.49	-5.68	2.20	-3.48	-1	-2.48
6515		113	ax (20MHz)	SDM	98/103.2 (MCS4)	-8.41	-8.96	-5.67	2.20	-3.47	-1	-2.47
6445		99	ax (40MHz)	SDM	196/206.5 (MCS4)	-8.23	-8.05	-5.13	2.20	-2.93	-1	-1.93
6485		107	ax (40MHz)	SDM	196/206.5 (MCS4)	-7.93	-7.93	-4.92	2.20	-2.72	-1	-1.72
6525		115	ax (40MHz)	SDM	196/206.5 (MCS4)	-8.19	-8.11	-5.14	2.20	-2.94	-1	-1.94
6465		103	ax (80MHz)	SDM	408/432.4 (MCS4)	-8.37	-7.46	-4.88	2.20	-2.68	-1	-1.68
6505		111	ax (160MHz)	SDM	735/864.7 (MCS4)	-8.89	-9.22	-6.04	2.20	-3.84	-1	-2.84
6535		117	ax (20MHz)	SDM	98/103.2 (MCS4)	-8.91	-8.92	-5.90	2.41	-3.49	-1	-2.49
Band 7		6695	149	ax (20MHz)	SDM	98/103.2 (MCS4)	-8.87	-8.80	-5.83	2.41	-3.41	-1
	6875	185	ax (20MHz)	SDM	98/103.2 (MCS4)	-11.40	-11.69	-8.53	2.41	-6.12	-1	-5.12
	6565	123	ax (40MHz)	SDM	196/206.5 (MCS4)	-8.27	-8.77	-5.50	2.41	-3.09	-1	-2.09
	6725	155	ax (40MHz)	SDM	196/206.5 (MCS4)	-8.41	-8.05	-5.22	2.41	-2.81	-1	-1.81
	6845	179	ax (40MHz)	SDM	196/206.5 (MCS4)	-8.90	-8.38	-5.62	2.41	-3.21	-1	-2.21
	6545	119	ax (80MHz)	SDM	408/432.4 (MCS4)	-8.23	-8.04	-5.12	2.41	-2.71	-1	-1.71
	6705	151	ax (80MHz)	SDM	408/432.4 (MCS4)	-8.51	-8.46	-5.47	2.41	-3.06	-1	-2.06
	6865	183	ax (80MHz)	SDM	408/432.4 (MCS4)	-8.56	-8.72	-5.63	2.41	-3.22	-1	-2.22
	6665	143	ax (160MHz)	SDM	735/864.7 (MCS4)	-9.37	-9.09	-6.21	2.41	-3.80	-1	-2.80
	6825	175	ax (160MHz)	SDM	735/864.7 (MCS4)	-8.21	-8.82	-5.50	2.41	-3.09	-1	-2.09
Band 8	6895	189	ax (20MHz)	SDM	98/103.2 (MCS4)	-8.51	-8.73	-5.61	2.61	-2.99	-1	-1.99
	6995	209	ax (20MHz)	SDM	98/103.2 (MCS4)	-9.64	-10.68	-7.12	2.61	-4.50	-1	-3.50
	7115	233	ax (20MHz)	SDM	98/103.2 (MCS4)	-9.34	-9.08	-6.20	2.61	-3.59	-1	-2.59
	6885	187	ax (40MHz)	SDM	196/206.5 (MCS4)	-9.03	-8.71	-5.85	2.61	-3.24	-1	-2.24
	7005	211	ax (40MHz)	SDM	196/206.5 (MCS4)	-8.78	-8.65	-5.71	2.61	-3.09	-1	-2.09
	7085	227	ax (40MHz)	SDM	196/206.5 (MCS4)	-9.23	-8.65	-5.92	2.61	-3.31	-1	-2.31
	6945	199	ax (80MHz)	SDM	408/432.4 (MCS4)	-8.47	-9.01	-5.72	2.61	-3.11	-1	-2.11
	7025	215	ax (80MHz)	SDM	408/432.4 (MCS4)	-8.68	-8.67	-5.67	2.61	-3.05	-1	-2.05
	6985	207	ax (160MHz)	SDM	735/864.7 (MCS4)	-9.13	-8.83	-5.97	2.61	-3.35	-1	-2.35

Table 7-150. Power Spectral Density Measurements SDM Primary (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 179 of 510

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF5B Measured Power Density [dBm/MHz]	Antenna 4a Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional 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	ax (20MHz)	SDM	270/286.8 (MCS11)	-7.71	-8.30	-4.98	2.15	-2.83	-1	-1.83
	6175	45	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.56	-8.76	-5.65	2.15	-3.49	-1	-2.49
	6415	93	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.87	-8.03	-5.42	2.15	-3.26	-1	-2.26
	5965	3	ax (40MHz)	SDM	540/573.5 (MCS11)	-6.70	-7.52	-4.08	2.15	-1.93	-1	-0.93
	6165	43	ax (40MHz)	SDM	540/573.5 (MCS11)	-7.80	-7.96	-4.87	2.15	-2.72	-1	-1.72
	6405	91	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.09	-7.90	-4.98	2.15	-2.83	-1	-1.83
	5985	7	ax (80MHz)	SDM	1134/1201 (MCS11)	-6.39	-7.11	-3.72	2.15	-1.57	-1	-0.57
	6145	39	ax (80MHz)	SDM	1134/1201 (MCS11)	-7.76	-8.60	-5.15	2.15	-2.99	-1	-1.99
	6385	87	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.19	-7.89	-5.02	2.15	-2.87	-1	-1.87
	6025	15	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.05	-7.80	-4.91	2.15	-2.76	-1	-1.76
	6185	47	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.16	-8.89	-5.50	2.15	-3.35	-1	-2.35
	6345	79	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.50	-8.87	-5.67	2.15	-3.52	-1	-2.52
Band 6	6435	97	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.44	-8.16	-5.29	2.20	-3.09	-1	-2.09
	6475	105	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.89	-8.24	-5.54	2.20	-3.34	-1	-2.34
	6515	113	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.60	-8.89	-5.73	2.20	-3.53	-1	-2.53
	6445	99	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.30	-7.41	-4.82	2.20	-2.62	-1	-1.62
	6485	107	ax (40MHz)	SDM	540/573.5 (MCS11)	-7.68	-7.72	-4.69	2.20	-2.49	-1	-1.49
	6525	115	ax (40MHz)	SDM	540/573.5 (MCS11)	-7.90	-8.49	-5.17	2.20	-2.97	-1	-1.97
	6465	103	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.43	-7.60	-4.98	2.20	-2.78	-1	-1.78
	6505	111	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.54	-9.33	-5.91	2.20	-3.71	-1	-2.71
	6535	117	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.79	-9.15	-5.95	2.41	-3.54	-1	-2.54
	6695	149	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.66	-8.85	-5.75	2.41	-3.33	-1	-2.33
	6875	185	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.67	-8.81	-5.73	2.41	-3.32	-1	-2.32
	6565	123	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.12	-8.57	-5.33	2.41	-2.92	-1	-1.92
Band 7	6725	155	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.24	-8.01	-5.12	2.41	-2.71	-1	-1.71
	6845	179	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.59	-8.10	-5.33	2.41	-2.92	-1	-1.92
	6545	119	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.14	-7.79	-4.95	2.41	-2.54	-1	-1.54
	6705	151	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.19	-8.31	-5.24	2.41	-2.82	-1	-1.82
	6865	183	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.85	-8.96	-5.89	2.41	-3.48	-1	-2.48
	6665	143	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-9.02	-9.17	-6.09	2.41	-3.67	-1	-2.67
	6825	175	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.10	-9.07	-5.54	2.41	-3.13	-1	-2.13
	6895	189	ax (20MHz)	SDM	270/286.8 (MCS11)	-9.41	-9.10	-6.24	2.61	-3.63	-1	-2.63
	6995	209	ax (20MHz)	SDM	270/286.8 (MCS11)	-9.55	-9.31	-6.42	2.61	-3.81	-1	-2.81
	7115	233	ax (20MHz)	SDM	270/286.8 (MCS11)	-9.25	-8.80	-6.01	2.61	-3.39	-1	-2.39
	6885	187	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.70	-8.55	-5.62	2.61	-3.00	-1	-2.00
	7005	211	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.84	-8.59	-5.70	2.61	-3.09	-1	-2.09
Band 8	7085	227	ax (40MHz)	SDM	540/573.5 (MCS11)	-9.04	-8.64	-5.82	2.61	-3.21	-1	-2.21
	6945	199	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.64	-8.81	-5.71	2.61	-3.10	-1	-2.10
	7025	215	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.64	-8.79	-5.70	2.61	-3.09	-1	-2.09
	6985	207	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.92	-9.04	-5.97	2.61	-3.36	-1	-2.36

Table 7-151. Power Spectral Density Measurements SDM Primary (High 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 180 of 510

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WFSB Measured Power Density [dBm/MHz]	Antenna 4a Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional 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	ax (20MHz)	CDD	48/51.6 (MCS2)	5.71	6.27	9.01	5.16	14.17	17	-2.83
	6175	45	ax (20MHz)	CDD	48/51.6 (MCS2)	5.72	6.57	9.18	5.16	14.34	17	-2.66
	6415	93	ax (20MHz)	CDD	48/51.6 (MCS2)	6.45	6.53	9.50	5.16	14.66	17	-2.34
	5965	3	ax (40MHz)	CDD	98/103.2 (MCS2)	3.65	4.28	6.99	5.16	12.15	17	-4.85
	6165	43	ax (40MHz)	CDD	98/103.2 (MCS2)	2.83	3.76	6.33	5.16	11.49	17	-5.51
	6405	91	ax (40MHz)	CDD	98/103.2 (MCS2)	3.76	3.75	6.76	5.16	11.92	17	-5.08
	5985	7	ax (80MHz)	CDD	204/216.2 (MCS2)	0.60	1.11	3.87	5.16	9.04	17	-7.96
	6145	39	ax (80MHz)	CDD	204/216.2 (MCS2)	-0.05	0.88	3.45	5.16	8.61	17	-8.39
	6385	87	ax (80MHz)	CDD	204/216.2 (MCS2)	0.50	1.12	3.83	5.16	8.99	17	-8.01
	6025	15	ax (160MHz)	CDD	367.5/432.4 (MCS2)	-3.12	-2.07	0.45	5.16	5.61	17	-11.39
	6181	47	ax (160MHz)	CDD	367.5/432.4 (MCS2)	-2.94	-1.84	0.66	5.16	5.82	17	-11.18
	6345	79	ax (160MHz)	CDD	367.5/432.4 (MCS2)	-3.10	-2.18	0.39	5.16	5.56	17	-11.44
	6535	117	ax (20MHz)	CDD	48/51.6 (MCS2)	5.79	6.52	9.18	5.42	14.59	17	-2.41
	6695	149	ax (20MHz)	CDD	48/51.6 (MCS2)	5.65	6.56	9.14	5.42	14.56	17	-2.44
6875	181	ax (20MHz)	CDD	48/51.6 (MCS2)	4.58	4.34	7.47	5.42	12.89	17	-4.11	
6565	123	ax (40MHz)	CDD	98/103.2 (MCS2)	3.32	4.13	6.75	5.42	12.17	17	-4.83	
6725	155	ax (40MHz)	CDD	98/103.2 (MCS2)	3.76	4.14	6.96	5.42	12.38	17	-4.62	
6845	179	ax (40MHz)	CDD	98/103.2 (MCS2)	3.28	3.87	6.60	5.42	12.01	17	-4.99	
6545	135	ax (80MHz)	CDD	204/216.2 (MCS2)	-1.18	-1.61	1.62	5.42	7.04	17	-9.96	
6705	151	ax (80MHz)	CDD	204/216.2 (MCS2)	0.51	1.32	3.94	5.42	9.36	17	-7.64	
6865	167	ax (80MHz)	CDD	204/216.2 (MCS2)	-0.82	-1.43	1.90	5.42	7.31	17	-9.69	
6665	143	ax (160MHz)	CDD	367.5/432.4 (MCS2)	-2.52	-1.73	0.90	5.42	6.32	17	-10.68	

Table 7-152. Power Spectral Density Measurements CDD Primary Standard Power (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WFSB Measured Power Density [dBm/MHz]	Antenna 4a Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional 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	ax (20MHz)	CDD	98/103.2 (MCS4)	5.67	6.37	9.05	5.16	14.21	17	-2.79
	6175	45	ax (20MHz)	CDD	98/103.2 (MCS4)	5.74	6.72	9.26	5.16	14.43	17	-2.57
	6415	93	ax (20MHz)	CDD	98/103.2 (MCS4)	6.32	6.65	9.49	5.16	14.66	17	-2.34
	5965	3	ax (40MHz)	CDD	196/206.5 (MCS4)	3.44	4.27	6.88	5.16	12.05	17	-4.95
	6165	43	ax (40MHz)	CDD	196/206.5 (MCS4)	2.78	3.63	6.24	5.16	11.40	17	-5.60
	6405	91	ax (40MHz)	CDD	196/206.5 (MCS4)	3.44	4.08	6.78	5.16	11.95	17	-5.05
	5985	7	ax (80MHz)	CDD	408/432.4 (MCS4)	0.97	1.21	4.10	5.16	9.26	17	-7.74
	6145	39	ax (80MHz)	CDD	408/432.4 (MCS4)	0.30	1.15	3.75	5.16	8.91	17	-8.09
	6385	87	ax (80MHz)	CDD	408/432.4 (MCS4)	0.78	1.15	3.98	5.16	9.14	17	-7.86
	6025	15	ax (160MHz)	CDD	735/864.7 (MCS4)	-2.96	-2.15	0.48	5.16	5.64	17	-11.36
	6181	47	ax (160MHz)	CDD	735/864.7 (MCS4)	-2.89	-1.58	0.82	5.16	5.98	17	-11.02
	6345	79	ax (160MHz)	CDD	735/864.7 (MCS4)	-2.80	-2.02	0.62	5.16	5.78	17	-11.22
	6535	117	ax (20MHz)	CDD	98/103.2 (MCS4)	5.78	6.38	9.10	5.42	14.52	18	-3.48
	6695	149	ax (20MHz)	CDD	98/103.2 (MCS4)	5.70	6.75	9.27	5.42	14.68	19	-4.32
6875	181	ax (20MHz)	CDD	98/103.2 (MCS4)	5.02	6.27	8.70	5.42	14.12	20	-5.88	
6565	123	ax (40MHz)	CDD	196/206.5 (MCS4)	3.46	4.20	6.86	5.42	12.27	17	-4.73	
6725	155	ax (40MHz)	CDD	196/206.5 (MCS4)	3.61	4.10	6.87	5.42	12.29	17	-4.71	
6845	179	ax (40MHz)	CDD	196/206.5 (MCS4)	3.65	3.98	6.83	5.42	12.24	17	-4.76	
6545	135	ax (80MHz)	CDD	408/432.4 (MCS4)	-1.03	-1.55	1.73	5.42	7.14	17	-9.86	
6705	151	ax (80MHz)	CDD	408/432.4 (MCS4)	-0.15	1.23	3.60	5.42	9.02	17	-7.98	
6865	167	ax (80MHz)	CDD	408/432.4 (MCS4)	-0.57	-1.53	1.99	5.42	7.41	17	-9.59	
6665	143	ax (160MHz)	CDD	735/864.7 (MCS4)	-3.14	-1.72	0.64	5.42	6.05	17	-10.95	

Table 7-153. Power Spectral Density Measurements CDD Primary Standard Power (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 181 of 510

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WFSB Measured Power Density [dBm/MHz]	Antenna 4a Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional 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	ax (20MHz)	CDD	270/286.8 (MCS11)	5.02	6.21	8.66	5.16	13.82	17	-3.18	
	6175	45	ax (20MHz)	CDD	270/286.8 (MCS11)	5.22	6.64	9.00	5.16	14.16	17	-2.84	
	6415	93	ax (20MHz)	CDD	270/286.8 (MCS11)	5.28	6.66	9.03	5.16	14.20	17	-2.80	
	5965	3	ax (40MHz)	CDD	540/573.5 (MCS11)	2.91	3.78	6.38	5.16	11.54	17	-5.46	
	6165	43	ax (40MHz)	CDD	540/573.5 (MCS11)	2.57	3.68	6.17	5.16	11.34	17	-5.66	
	6405	91	ax (40MHz)	CDD	540/573.5 (MCS11)	3.06	3.63	6.36	5.16	11.53	17	-5.47	
	5985	7	ax (80MHz)	CDD	1134/1201 (MCS11)	0.35	1.28	3.85	5.16	9.01	17	-7.99	
	6145	39	ax (80MHz)	CDD	1134/1201 (MCS11)	-0.37	0.96	3.35	5.16	8.51	17	-8.49	
	6385	87	ax (80MHz)	CDD	1134/1201 (MCS11)	-0.07	1.00	3.51	5.16	8.67	17	-8.33	
	6025	15	ax (160MHz)	CDD	2041.7/2402 (MCS11)	-3.17	-2.04	0.44	5.16	5.60	17	-11.40	
	6181	47	ax (160MHz)	CDD	2041.7/2402 (MCS11)	-2.70	-1.90	0.73	5.16	5.89	17	-11.11	
	6345	79	ax (160MHz)	CDD	2041.7/2402 (MCS11)	-3.45	-1.98	0.36	5.16	5.52	17	-11.48	
	Band 7	6535	117	ax (20MHz)	CDD	270/286.8 (MCS11)	5.32	6.70	9.07	5.42	14.49	17	-2.51
		6695	149	ax (20MHz)	CDD	270/286.8 (MCS11)	5.29	6.59	9.00	5.42	14.41	17	-2.59
6875		181	ax (20MHz)	CDD	270/286.8 (MCS11)	4.94	4.47	7.72	5.42	13.14	17	-3.86	
6565		123	ax (40MHz)	CDD	540/573.5 (MCS11)	2.64	3.85	6.30	5.42	11.71	17	-5.29	
6725		155	ax (40MHz)	CDD	540/573.5 (MCS11)	2.89	4.24	6.62	5.42	12.04	17	-4.96	
6845		179	ax (40MHz)	CDD	540/573.5 (MCS11)	2.82	3.84	6.37	5.42	11.79	17	-5.21	
6545		135	ax (80MHz)	CDD	1134/1201 (MCS11)	-0.88	-1.54	1.81	5.42	7.23	17	-9.77	
6705		151	ax (80MHz)	CDD	1134/1201 (MCS11)	-0.10	1.36	3.70	5.42	9.11	17	-7.89	
6865		167	ax (80MHz)	CDD	1134/1201 (MCS11)	-0.49	-1.40	2.09	5.42	7.50	17	-9.50	
6665		143	ax (160MHz)	CDD	2041.7/2402 (MCS11)	-3.52	-2.42	0.08	5.42	5.49	17	-11.51	

Table 7-154. Power Spectral Density Measurements CDD Primary Standard Power (High 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 182 of 510