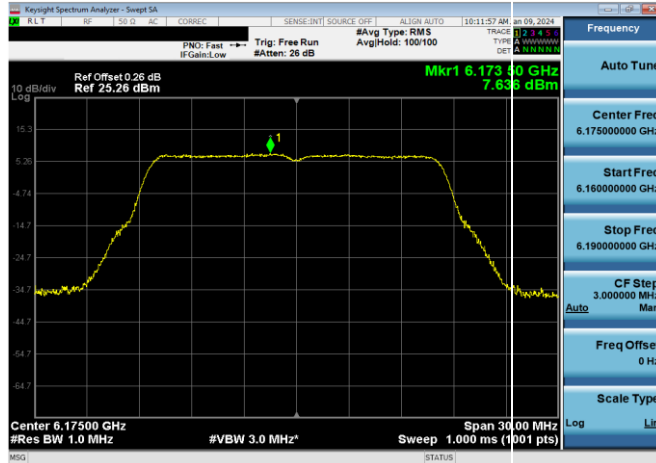
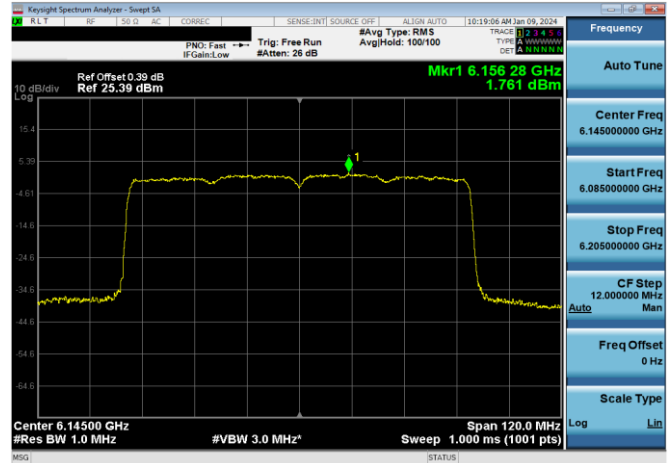


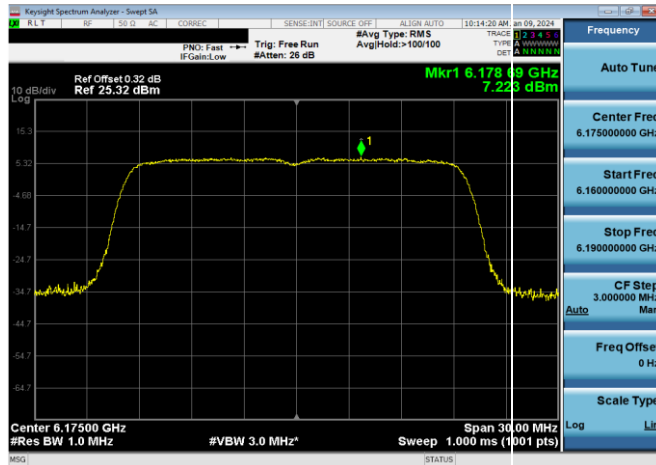
High Data Rate



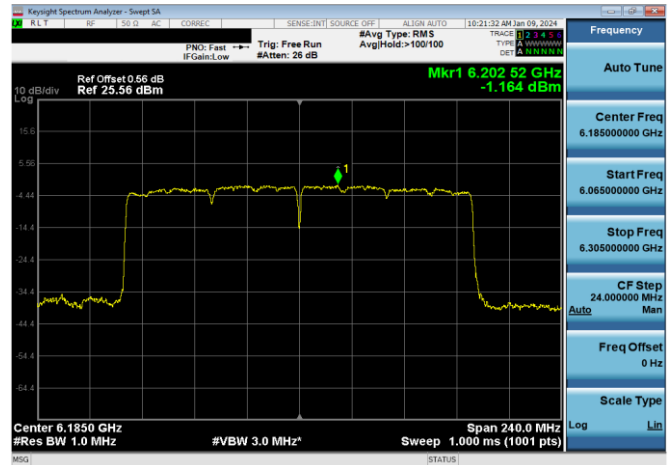
Plot 7-261. Power Spectral Density Plot Antenna 5T Standard Power (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



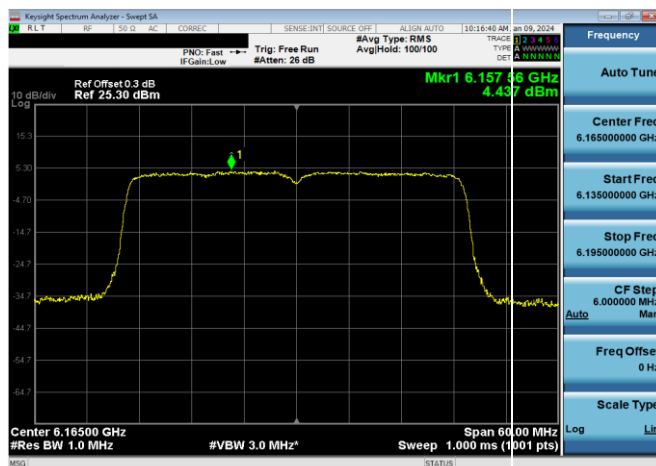
Plot 7-264. Power Spectral Density Plot Antenna 5T Standard Power (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



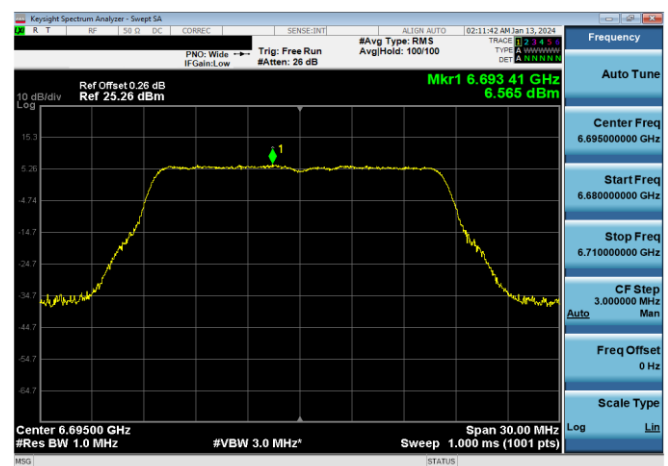
Plot 7-262. Power Spectral Density Plot Antenna 5T Standard Power (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-265. Power Spectral Density Plot Antenna 5T Standard Power (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



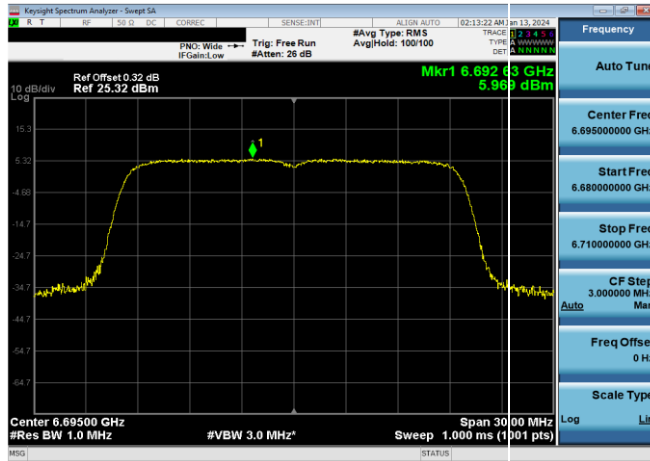
Plot 7-263. Power Spectral Density Plot Antenna 5T Standard Power (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)



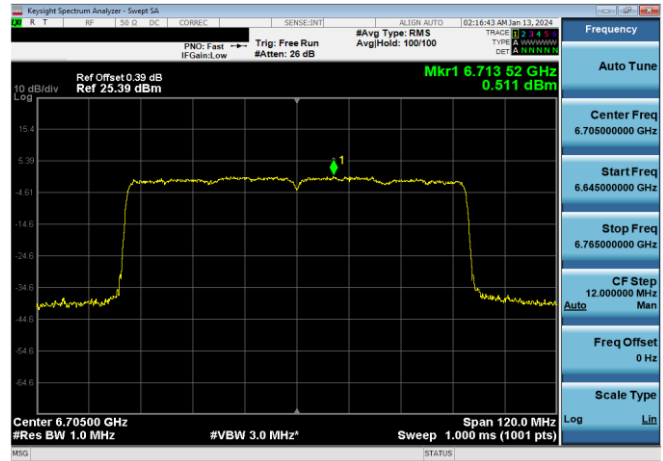
Plot 7-266. Power Spectral Density Plot Antenna 5T Standard Power (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 132 of 567

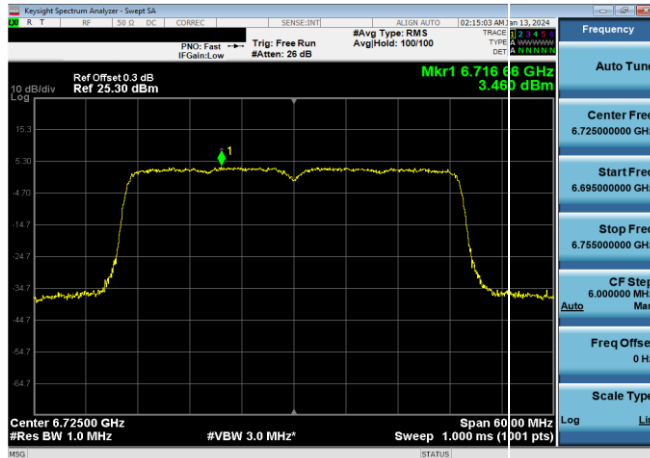
V 10.5 12/15/2021



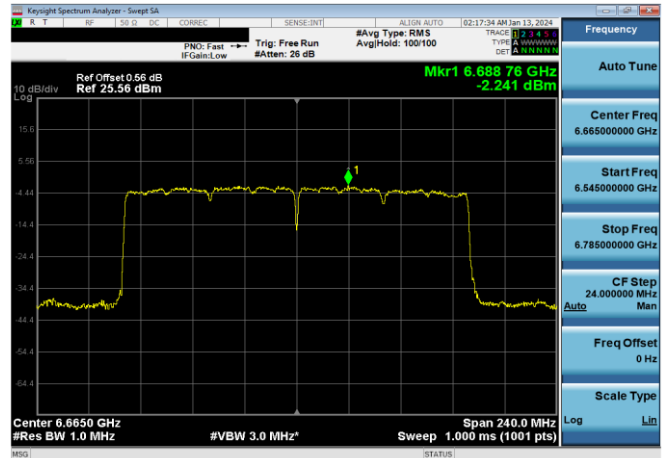
Plot 7-267. Power Spectral Density Plot Antenna 5T Standard Power (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-269. Power Spectral Density Plot Antenna 5T Standard Power (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-268. Power Spectral Density Plot Antenna 5T Standard Power (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-270. Power Spectral Density Plot Antenna 5T Standard Power (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 133 of 567

7.4.2 Antenna 3b Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	12	-6.36	-0.10	-6.46	-1	-5.46
	6175	45	a	12	-5.02	-0.10	-5.12	-1	-4.12
	6415	93	a	12	-6.03	-0.10	-6.13	-1	-5.13
	5955	1	ax (20MHz)	24/25.8 (MCS2)	-6.80	-0.10	-6.90	-1	-5.90
	6175	45	ax (20MHz)	24/25.8 (MCS2)	-5.63	-0.10	-5.73	-1	-4.73
	6415	93	ax (20MHz)	24/25.8 (MCS2)	-6.60	-0.10	-6.70	-1	-5.70
	5965	3	ax (40MHz)	24/25.8 (MCS2)	-6.51	-0.10	-6.61	-1	-5.61
	6165	43	ax (40MHz)	24/25.8 (MCS2)	-6.49	-0.10	-6.59	-1	-5.59
	6405	91	ax (40MHz)	24/25.8 (MCS2)	-6.70	-0.10	-6.80	-1	-5.80
	5985	7	ax (80MHz)	24/25.8 (MCS2)	-6.74	-0.10	-6.84	-1	-5.84
	6145	39	ax (80MHz)	24/25.8 (MCS2)	-6.36	-0.10	-6.46	-1	-5.46
	6385	87	ax (80MHz)	24/25.8 (MCS2)	-6.44	-0.10	-6.54	-1	-5.54
	6025	15	ax (160MHz)	24/25.8 (MCS2)	-6.99	-0.10	-7.09	-1	-6.09
Band 6	6185	47	ax (160MHz)	24/25.8 (MCS2)	-6.32	-0.10	-6.42	-1	-5.42
	6345	79	ax (160MHz)	24/25.8 (MCS2)	-6.69	-0.10	-6.79	-1	-5.79
	6435	97	a	12	-6.51	-1.70	-8.21	-1	-7.21
	6475	105	a	12	-6.76	-1.70	-8.46	-1	-7.46
	6515	113	a	12	-6.62	-1.70	-8.32	-1	-7.32
	6435	97	ax (20MHz)	24/25.8 (MCS2)	-7.09	-1.70	-8.79	-1	-7.79
	6475	105	ax (20MHz)	24/25.8 (MCS2)	-6.91	-1.70	-8.61	-1	-7.61
	6515	113	ax (20MHz)	24/25.8 (MCS2)	-6.86	-1.70	-8.56	-1	-7.56
	6445	99	ax (40MHz)	24/25.8 (MCS2)	-6.79	-1.70	-8.49	-1	-7.49
	6485	107	ax (40MHz)	24/25.8 (MCS2)	-6.62	-1.70	-8.32	-1	-7.32
Band 7	6525	115	ax (40MHz)	24/25.8 (MCS2)	-7.69	-1.70	-9.39	-1	-8.39
	6465	103	ax (80MHz)	24/25.8 (MCS2)	-6.44	-1.70	-8.14	-1	-7.14
	6505	111	ax (160MHz)	24/25.8 (MCS2)	-8.01	-1.70	-9.71	-1	-8.71
	6535	117	a	12	-8.26	-0.70	-8.96	-1	-7.96
	6695	149	a	12	-8.00	-0.70	-8.70	-1	-7.70
	6875	185	a	12	-8.10	-0.70	-8.80	-1	-7.80
	6535	117	ax (20MHz)	24/25.8 (MCS2)	-8.86	-0.70	-9.56	-1	-8.56
	6695	149	ax (20MHz)	24/25.8 (MCS2)	-8.45	-0.70	-9.15	-1	-8.15
	6875	185	ax (20MHz)	24/25.8 (MCS2)	-8.99	-0.70	-9.69	-1	-8.69
	6565	123	ax (40MHz)	24/25.8 (MCS2)	-7.84	-0.70	-8.54	-1	-7.54
Band 8	6725	155	ax (40MHz)	24/25.8 (MCS2)	-7.95	-0.70	-8.65	-1	-7.65
	6845	179	ax (40MHz)	24/25.8 (MCS2)	-8.07	-0.70	-8.77	-1	-7.77
	6545	119	ax (80MHz)	24/25.8 (MCS2)	-8.00	-0.70	-8.70	-1	-7.70
	6705	151	ax (80MHz)	24/25.8 (MCS2)	-8.05	-0.70	-8.75	-1	-7.75
	6865	183	ax (80MHz)	24/25.8 (MCS2)	-8.52	-0.70	-9.22	-1	-8.22
	6665	143	ax (160MHz)	24/25.8 (MCS2)	-8.31	-0.70	-9.01	-1	-8.01
	6825	175	ax (160MHz)	24/25.8 (MCS2)	-8.35	-0.70	-9.05	-1	-8.05
	6895	189	a	12	-7.58	-1.60	-9.18	-1	-8.18
	6995	209	a	12	-7.84	-1.60	-9.44	-1	-8.44
	7115	233	a	12	-7.98	-1.60	-9.58	-1	-8.58
Band 8	6895	189	ax (20MHz)	24/25.8 (MCS2)	-8.21	-1.60	-9.81	-1	-8.81
	6995	209	ax (20MHz)	24/25.8 (MCS2)	-8.09	-1.60	-9.69	-1	-8.69
	7115	233	ax (20MHz)	24/25.8 (MCS2)	-8.50	-1.60	-10.10	-1	-9.10
	6885	187	ax (40MHz)	24/25.8 (MCS2)	-7.45	-1.60	-9.05	-1	-8.05
	7005	211	ax (40MHz)	24/25.8 (MCS2)	-7.82	-1.60	-9.42	-1	-8.42
	7085	227	ax (40MHz)	24/25.8 (MCS2)	-7.85	-1.60	-9.45	-1	-8.45
	6945	199	ax (80MHz)	24/25.8 (MCS2)	-8.17	-1.60	-9.77	-1	-8.77
	7025	215	ax (80MHz)	24/25.8 (MCS2)	-8.24	-1.60	-9.84	-1	-8.84
	6985	207	ax (160MHz)	24/25.8 (MCS2)	-8.40	-1.60	-10.00	-1	-9.00

Table 7-137. Power Spectral Density Measurements Antenna 3b LPI (Low Data Rate)

FCC ID: BCGA2899 IC: 579C-A2899	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 134 of 567

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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 Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	24	-6.53	-0.10	-6.63	-1	-5.63
	6175	45	a	24	-4.94	-0.10	-5.04	-1	-4.04
	6415	93	a	24	-6.32	-0.10	-6.42	-1	-5.42
	5955	1	ax (20MHz)	49/51.6 (MCS4)	-6.89	-0.10	-6.99	-1	-5.99
	6175	45	ax (20MHz)	49/51.6 (MCS4)	-5.32	-0.10	-5.42	-1	-4.42
	6415	93	ax (20MHz)	49/51.6 (MCS4)	-6.71	-0.10	-6.81	-1	-5.81
	5965	3	ax (40MHz)	49/51.6 (MCS4)	-6.79	-0.10	-6.89	-1	-5.89
	6165	43	ax (40MHz)	49/51.6 (MCS4)	-6.31	-0.10	-6.41	-1	-5.41
	6405	91	ax (40MHz)	49/51.6 (MCS4)	-6.63	-0.10	-6.73	-1	-5.73
	5985	7	ax (80MHz)	49/51.6 (MCS4)	-6.48	-0.10	-6.58	-1	-5.58
	6145	39	ax (80MHz)	49/51.6 (MCS4)	-6.16	-0.10	-6.26	-1	-5.26
	6385	87	ax (80MHz)	49/51.6 (MCS4)	-6.54	-0.10	-6.64	-1	-5.64
	6025	15	ax (160MHz)	49/51.6 (MCS4)	-6.85	-0.10	-6.95	-1	-5.95
	6185	47	ax (160MHz)	49/51.6 (MCS4)	-6.57	-0.10	-6.67	-1	-5.67
Band 6	6345	79	ax (160MHz)	49/51.6 (MCS4)	-6.88	-0.10	-6.98	-1	-5.98
	6435	97	a	24	-6.31	-1.70	-8.01	-1	-7.01
	6475	105	a	24	-7.09	-1.70	-8.79	-1	-7.79
	6515	113	a	24	-6.95	-1.70	-8.65	-1	-7.65
	6435	97	ax (20MHz)	49/51.6 (MCS4)	-7.33	-1.70	-9.03	-1	-8.03
	6475	105	ax (20MHz)	49/51.6 (MCS4)	-7.84	-1.70	-9.54	-1	-8.54
	6515	113	ax (20MHz)	49/51.6 (MCS4)	-7.13	-1.70	-8.83	-1	-7.83
	6445	99	ax (40MHz)	49/51.6 (MCS4)	-6.99	-1.70	-8.69	-1	-7.69
	6485	107	ax (40MHz)	49/51.6 (MCS4)	-7.38	-1.70	-9.08	-1	-8.08
	6525	115	ax (40MHz)	49/51.6 (MCS4)	-8.04	-1.70	-9.74	-1	-8.74
Band 7	6465	103	ax (80MHz)	49/51.6 (MCS4)	-6.48	-1.70	-8.18	-1	-7.18
	6505	111	ax (160MHz)	49/51.6 (MCS4)	-7.82	-1.70	-9.52	-1	-8.52
	6535	117	a	24	-8.05	-0.70	-8.75	-1	-7.75
	6695	149	a	24	-7.85	-0.70	-8.55	-1	-7.55
	6875	185	a	24	-8.43	-0.70	-9.13	-1	-8.13
	6535	117	ax (20MHz)	49/51.6 (MCS4)	-8.33	-0.70	-9.03	-1	-8.03
	6695	149	ax (20MHz)	49/51.6 (MCS4)	-8.07	-0.70	-8.77	-1	-7.77
	6875	185	ax (20MHz)	49/51.6 (MCS4)	-8.84	-0.70	-9.54	-1	-8.54
	6565	123	ax (40MHz)	49/51.6 (MCS4)	-7.99	-0.70	-8.69	-1	-7.69
	6725	155	ax (40MHz)	49/51.6 (MCS4)	-7.77	-0.70	-8.47	-1	-7.47
	6845	179	ax (40MHz)	49/51.6 (MCS4)	-7.84	-0.70	-8.54	-1	-7.54
	6545	119	ax (80MHz)	49/51.6 (MCS4)	-7.96	-0.70	-8.66	-1	-7.66
Band 8	6705	151	ax (80MHz)	49/51.6 (MCS4)	-8.04	-0.70	-8.74	-1	-7.74
	6865	183	ax (80MHz)	49/51.6 (MCS4)	-7.92	-0.70	-8.62	-1	-7.62
	6665	143	ax (160MHz)	49/51.6 (MCS4)	-8.88	-0.70	-9.58	-1	-8.58
	6825	175	ax (160MHz)	49/51.6 (MCS4)	-8.68	-0.70	-9.38	-1	-8.38
	6895	189	a	24	-8.42	-1.60	-10.02	-1	-9.02
	6995	209	a	24	-8.12	-1.60	-9.72	-1	-8.72
	7115	233	a	24	-8.33	-1.60	-9.93	-1	-8.93
	6895	189	ax (20MHz)	49/51.6 (MCS4)	-8.54	-1.60	-10.14	-1	-9.14
	6995	209	ax (20MHz)	49/51.6 (MCS4)	-8.55	-1.60	-10.15	-1	-9.15
	7115	233	ax (20MHz)	49/51.6 (MCS4)	-9.15	-1.60	-10.75	-1	-9.75
	6885	187	ax (40MHz)	49/51.6 (MCS4)	-7.50	-1.60	-9.10	-1	-8.10
	7005	211	ax (40MHz)	49/51.6 (MCS4)	-7.35	-1.60	-8.95	-1	-7.95
	7085	227	ax (40MHz)	49/51.6 (MCS4)	-7.53	-1.60	-9.13	-1	-8.13
	6945	199	ax (80MHz)	49/51.6 (MCS4)	-8.02	-1.60	-9.62	-1	-8.62
	7025	215	ax (80MHz)	49/51.6 (MCS4)	-7.67	-1.60	-9.27	-1	-8.27
	6985	207	ax (160MHz)	49/51.6 (MCS4)	-8.24	-1.60	-9.84	-1	-8.84

Table 7-138. Power Spectral Density Measurements Antenna 3b LPI (Mid Data Rate)

FCC ID: BCGA2899 IC: 579C-A2899	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 135 of 567

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	54	-6.54	-0.10	-6.64	-1	-5.64
	6175	45	a	54	-4.91	-0.10	-5.01	-1	-4.01
	6415	93	a	54	-6.00	-0.10	-6.10	-1	-5.10
	5955	1	ax (20MHz)	135/143.4 (MCS11)	-6.86	-0.10	-6.96	-1	-5.96
	6175	45	ax (20MHz)	135/143.4 (MCS11)	-5.37	-0.10	-5.47	-1	-4.47
	6415	93	ax (20MHz)	135/143.4 (MCS11)	-6.64	-0.10	-6.74	-1	-5.74
	5965	3	ax (40MHz)	135/143.4 (MCS11)	-6.51	-0.10	-6.61	-1	-5.61
	6165	43	ax (40MHz)	135/143.4 (MCS11)	-6.23	-0.10	-6.33	-1	-5.33
	6405	91	ax (40MHz)	135/143.4 (MCS11)	-6.62	-0.10	-6.72	-1	-5.72
	5985	7	ax (80MHz)	135/143.4 (MCS11)	-6.51	-0.10	-6.61	-1	-5.61
	6145	39	ax (80MHz)	135/143.4 (MCS11)	-6.33	-0.10	-6.43	-1	-5.43
	6385	87	ax (80MHz)	135/143.4 (MCS11)	-6.49	-0.10	-6.59	-1	-5.59
	6025	15	ax (160MHz)	135/143.4 (MCS11)	-6.67	-0.10	-6.77	-1	-5.77
	6185	47	ax (160MHz)	135/143.4 (MCS11)	-6.25	-0.10	-6.35	-1	-5.35
Band 6	6345	79	ax (160MHz)	135/143.4 (MCS11)	-6.59	-0.10	-6.69	-1	-5.69
	6435	97	a	54	-6.57	-1.70	-8.27	-1	-7.27
	6475	105	a	54	-6.86	-1.70	-8.56	-1	-7.56
	6515	113	a	54	-6.46	-1.70	-8.16	-1	-7.16
	6435	97	ax (20MHz)	135/143.4 (MCS11)	-7.14	-1.70	-8.84	-1	-7.84
	6475	105	ax (20MHz)	135/143.4 (MCS11)	-7.19	-1.70	-8.89	-1	-7.89
	6515	113	ax (20MHz)	135/143.4 (MCS11)	-6.40	-1.70	-8.10	-1	-7.10
	6445	99	ax (40MHz)	135/143.4 (MCS11)	-6.49	-1.70	-8.19	-1	-7.19
	6485	107	ax (40MHz)	135/143.4 (MCS11)	-6.36	-1.70	-8.06	-1	-7.06
	6525	115	ax (40MHz)	135/143.4 (MCS11)	-9.23	-1.70	-10.93	-1	-9.93
	6465	103	ax (80MHz)	135/143.4 (MCS11)	-6.59	-1.70	-8.29	-1	-7.29
	6505	111	ax (160MHz)	135/143.4 (MCS11)	-8.15	-1.70	-9.85	-1	-8.85
Band 7	6535	117	a	54	-7.96	-0.70	-8.66	-1	-7.66
	6695	149	a	54	-7.82	-0.70	-8.52	-1	-7.52
	6875	185	a	54	-7.94	-0.70	-8.64	-1	-7.64
	6535	117	ax (20MHz)	135/143.4 (MCS11)	-8.25	-0.70	-8.95	-1	-7.95
	6695	149	ax (20MHz)	135/143.4 (MCS11)	-8.25	-0.70	-8.95	-1	-7.95
	6875	185	ax (20MHz)	135/143.4 (MCS11)	-8.87	-0.70	-9.57	-1	-8.57
	6565	123	ax (40MHz)	135/143.4 (MCS11)	-7.63	-0.70	-8.33	-1	-7.33
	6725	155	ax (40MHz)	135/143.4 (MCS11)	-7.56	-0.70	-8.26	-1	-7.26
	6845	179	ax (40MHz)	135/143.4 (MCS11)	-7.83	-0.70	-8.53	-1	-7.53
	6545	119	ax (80MHz)	135/143.4 (MCS11)	-8.01	-0.70	-8.71	-1	-7.71
	6705	151	ax (80MHz)	135/143.4 (MCS11)	-7.74	-0.70	-8.44	-1	-7.44
	6865	183	ax (80MHz)	135/143.4 (MCS11)	-8.41	-0.70	-9.11	-1	-8.11
	6665	143	ax (160MHz)	135/143.4 (MCS11)	-8.41	-0.70	-9.11	-1	-8.11
	6825	175	ax (160MHz)	135/143.4 (MCS11)	-8.30	-0.70	-9.00	-1	-8.00
Band 8	6895	189	a	54	-8.03	-1.60	-9.63	-1	-8.63
	6995	209	a	54	-7.77	-1.60	-9.37	-1	-8.37
	7115	233	a	54	-7.77	-1.60	-9.37	-1	-8.37
	6895	189	ax (20MHz)	135/143.4 (MCS11)	-8.33	-1.60	-9.93	-1	-8.93
	6995	209	ax (20MHz)	135/143.4 (MCS11)	-8.23	-1.60	-9.83	-1	-8.83
	7115	233	ax (20MHz)	135/143.4 (MCS11)	-8.70	-1.60	-10.30	-1	-9.30
	6885	187	ax (40MHz)	135/143.4 (MCS11)	-7.41	-1.60	-9.01	-1	-8.01
	7005	211	ax (40MHz)	135/143.4 (MCS11)	-7.54	-1.60	-9.14	-1	-8.14
	7085	227	ax (40MHz)	135/143.4 (MCS11)	-7.62	-1.60	-9.22	-1	-8.22
	6945	199	ax (80MHz)	135/143.4 (MCS11)	-8.11	-1.60	-9.71	-1	-8.71
	7025	215	ax (80MHz)	135/143.4 (MCS11)	-7.57	-1.60	-9.17	-1	-8.17
	6985	207	ax (160MHz)	135/143.4 (MCS11)	-7.88	-1.60	-9.48	-1	-8.48

Table 7-139. Power Spectral Density Measurements Antenna 3b LPI (High Data Rate)

FCC ID: BCGA2899 IC: 579C-A2899	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 136 of 567

	Frequency [MHz]	Channel No.	802.11 Mode	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	5955	1	ax (20MHz)	24/25.8 (MCS2)	6.74	-0.10	6.64	17	-10.36
	6175	45	ax (20MHz)	24/25.8 (MCS2)	7.14	-0.10	7.04	17	-9.96
	6415	93	ax (20MHz)	24/25.8 (MCS2)	6.98	-0.10	6.88	17	-10.12
	5965	3	ax (40MHz)	49/51.6 (MCS2)	3.97	-0.10	3.87	17	-13.13
	6165	43	ax (40MHz)	49/51.6 (MCS2)	4.15	-0.10	4.05	17	-12.95
	6405	91	ax (40MHz)	49/51.6 (MCS2)	4.05	-0.10	3.95	17	-13.05
	5985	7	ax (80MHz)	102/108.1 (MCS2)	0.98	-0.10	0.88	17	-16.12
	6145	39	ax (80MHz)	102/108.1 (MCS2)	1.21	-0.10	1.11	17	-15.89
	6385	87	ax (80MHz)	102/108.1 (MCS2)	1.70	-0.10	1.60	17	-15.40
	6025	15	ax (160MHz)	183.8/216.2 (MCS2)	-1.75	-0.10	-1.85	17	-18.85
	6185	47	ax (160MHz)	183.8/216.2 (MCS2)	-1.53	-0.10	-1.63	17	-18.63
Band 7	6345	79	ax (160MHz)	183.8/216.2 (MCS2)	-1.59	-0.10	-1.69	17	-18.69
	6535	117	ax (20MHz)	24/25.8 (MCS2)	6.13	-0.70	5.43	17	-11.57
	6695	149	ax (20MHz)	24/25.8 (MCS2)	6.38	-0.70	5.68	17	-11.33
	6875	181	ax (20MHz)	24/25.8 (MCS2)	4.22	-0.70	3.52	17	-13.48
	6565	123	ax (40MHz)	49/51.6 (MCS2)	3.78	-0.70	3.08	17	-13.92
	6725	155	ax (40MHz)	49/51.6 (MCS2)	3.77	-0.70	3.07	17	-13.93
	6845	179	ax (40MHz)	49/51.6 (MCS2)	3.09	-0.70	2.39	17	-14.62
	6545	135	ax (80MHz)	102/108.1 (MCS2)	-0.34	-0.70	-1.04	17	-18.04
	6705	151	ax (80MHz)	102/108.1 (MCS2)	0.81	-0.70	0.11	17	-16.89
	6865	167	ax (80MHz)	102/108.1 (MCS2)	-0.49	-0.70	-1.19	17	-18.19
	6665	143	ax (160MHz)	183.8/216.2 (MCS2)	-2.46	-0.70	-3.16	17	-20.16

Table 7-140. Power Spectral Density Measurements Antenna 3b Standard Power (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	49/51.6 (MCS4)	7.07	-0.10	6.97	17	-10.03
	6175	45	ax (20MHz)	49/51.6 (MCS4)	7.02	-0.10	6.92	17	-10.08
	6415	93	ax (20MHz)	49/51.6 (MCS4)	6.94	-0.10	6.84	17	-10.16
	5965	3	ax (40MHz)	98/103.2 (MCS4)	4.09	-0.10	3.99	17	-13.01
	6165	43	ax (40MHz)	98/103.2 (MCS4)	4.31	-0.10	4.21	17	-12.79
	6405	91	ax (40MHz)	98/103.2 (MCS4)	4.36	-0.10	4.26	17	-12.74
	5985	7	ax (80MHz)	204/216.2 (MCS4)	1.36	-0.10	1.26	17	-15.74
	6145	39	ax (80MHz)	204/216.2 (MCS4)	1.59	-0.10	1.49	17	-15.51
	6385	87	ax (80MHz)	204/216.2 (MCS4)	1.78	-0.10	1.68	17	-15.32
	6025	15	ax (160MHz)	367.5/432.4 (MCS4)	-1.73	-0.10	-1.83	17	-18.83
	6185	47	ax (160MHz)	367.5/432.4 (MCS4)	-1.38	-0.10	-1.48	17	-18.48
Band 7	6345	79	ax (160MHz)	367.5/432.4 (MCS4)	-1.49	-0.10	-1.59	17	-18.59
	6535	117	ax (20MHz)	49/51.6 (MCS4)	6.02	-0.70	5.32	17	-11.68
	6695	149	ax (20MHz)	49/51.6 (MCS4)	6.59	-0.70	5.89	17	-11.11
	6875	181	ax (20MHz)	49/51.6 (MCS4)	4.53	-0.70	3.83	17	-13.17
	6565	123	ax (40MHz)	98/103.2 (MCS4)	3.95	-0.70	3.25	17	-13.75
	6725	155	ax (40MHz)	98/103.2 (MCS4)	4.15	-0.70	3.45	17	-13.55
	6845	179	ax (40MHz)	98/103.2 (MCS4)	3.39	-0.70	2.69	17	-14.32
	6545	135	ax (80MHz)	204/216.2 (MCS4)	-0.02	-0.70	-0.72	17	-17.72
	6705	151	ax (80MHz)	204/216.2 (MCS4)	0.91	-0.70	0.21	17	-16.79
	6865	167	ax (80MHz)	204/216.2 (MCS4)	-0.60	-0.70	-1.30	17	-18.30
	6665	143	ax (160MHz)	367.5/432.4 (MCS4)	-2.30	-0.70	-3.00	17	-20.00

Table 7-141. Power Spectral Density Measurements Antenna 3b Standard Power (Mid Data Rate)

FCC ID: BCGA2899 IC: 579C-A2899	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 137 of 567

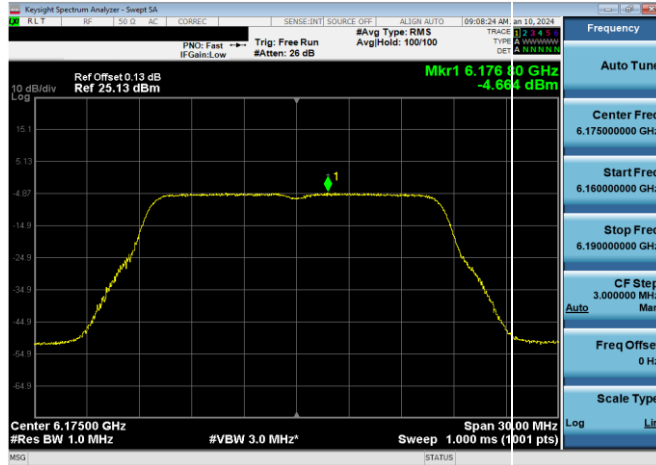
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	135/143.4 (MCS11)	6.93	-0.10	6.83	17	-10.17
	6175	45	ax (20MHz)	135/143.4 (MCS11)	6.95	-0.10	6.85	17	-10.15
	6415	93	ax (20MHz)	135/143.4 (MCS11)	6.89	-0.10	6.79	17	-10.21
	5965	3	ax (40MHz)	271/286.8 (MCS11)	4.29	-0.10	4.19	17	-12.81
	6165	43	ax (40MHz)	271/286.8 (MCS11)	4.24	-0.10	4.14	17	-12.86
	6405	91	ax (40MHz)	271/286.8 (MCS11)	4.14	-0.10	4.04	17	-12.96
	5985	7	ax (80MHz)	567/600.5 (MCS11)	1.39	-0.10	1.29	17	-15.71
	6145	39	ax (80MHz)	567/600.5 (MCS11)	1.34	-0.10	1.24	17	-15.76
	6385	87	ax (80MHz)	567/600.5 (MCS11)	1.63	-0.10	1.53	17	-15.47
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-1.53	-0.10	-1.63	17	-18.63
	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-1.47	-0.10	-1.57	17	-18.57
Band 7	6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-1.53	-0.10	-1.63	17	-18.63
	6535	117	ax (20MHz)	135/143.4 (MCS11)	6.09	-0.70	5.39	17	-11.61
	6695	149	ax (20MHz)	135/143.4 (MCS11)	6.51	-0.70	5.81	17	-11.19
	6875	181	ax (20MHz)	135/143.4 (MCS11)	4.16	-0.70	3.46	17	-13.54
	6565	123	ax (40MHz)	271/286.8 (MCS11)	3.74	-0.70	3.04	17	-13.96
	6725	155	ax (40MHz)	271/286.8 (MCS11)	4.31	-0.70	3.61	17	-13.39
	6845	179	ax (40MHz)	271/286.8 (MCS11)	3.34	-0.70	2.64	17	-14.36
	6545	135	ax (80MHz)	567/600.5 (MCS11)	0.01	-0.70	-0.69	17	-17.69
	6705	151	ax (80MHz)	567/600.5 (MCS11)	1.09	-0.70	0.39	17	-16.61
	6865	167	ax (80MHz)	567/600.5 (MCS11)	-0.25	-0.70	-0.95	17	-17.95
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-2.06	-0.70	-2.76	17	-19.76

Table 7-142. Power Spectral Density Measurements Antenna 3b Standard Power (High Data Rate)

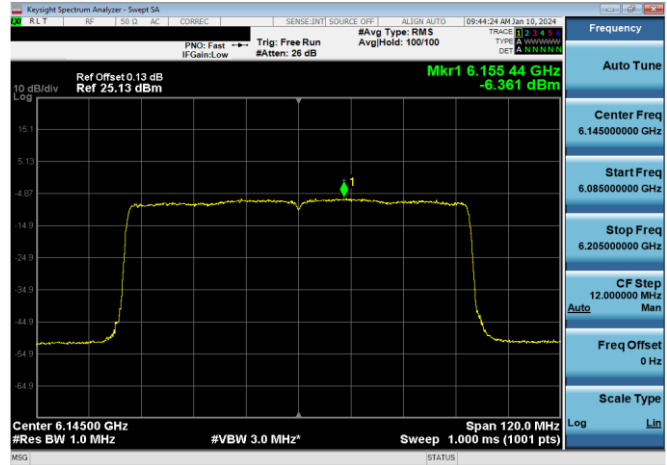
FCC ID: BCGA2899 IC: 579C-A2899	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 138 of 567

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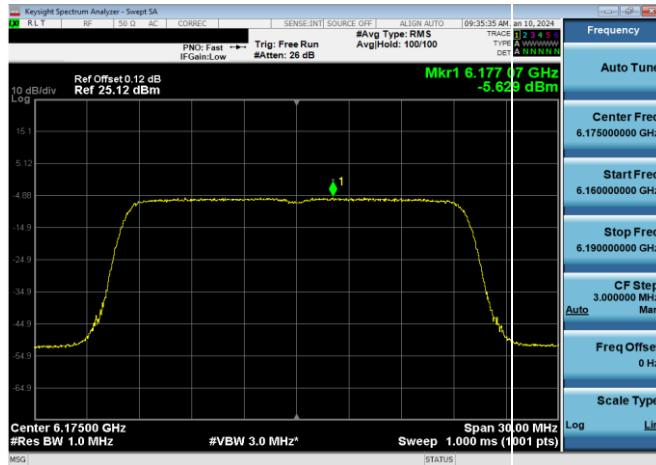
Low Data Rate



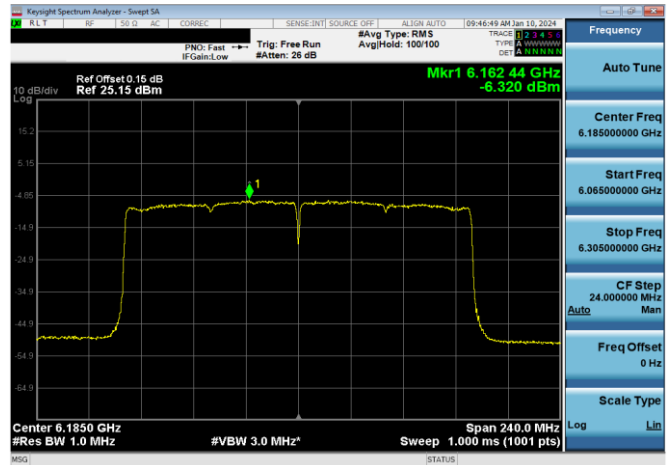
Plot 7-271. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11a (UNII Band 5) – Ch. 45, 12Mbps)



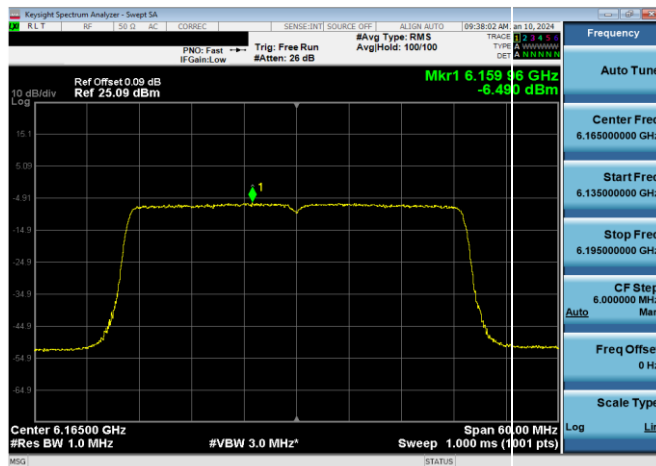
Plot 7-274. Power Spectral Density Plot Antenna 3b LPI (80MHz) 802.11ax (UNII Band 5) – Ch. 39, MCS2)



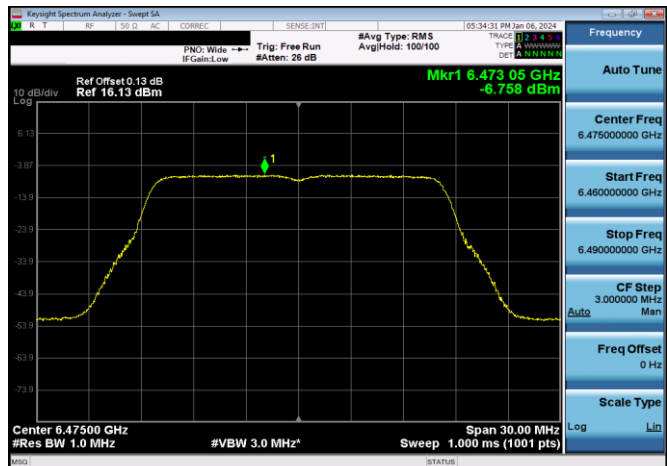
Plot 7-272. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-275. Power Spectral Density Plot Antenna 3b LPI (160MHz) 802.11ax (UNII Band 5) – Ch. 47, MCS2)



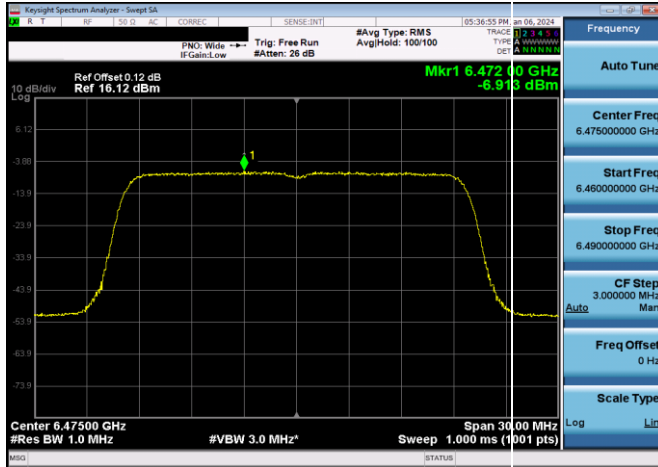
Plot 7-273. Power Spectral Density Plot Antenna 3b LPI (40MHz) 802.11ax (UNII Band 5) – Ch. 43, MCS2)



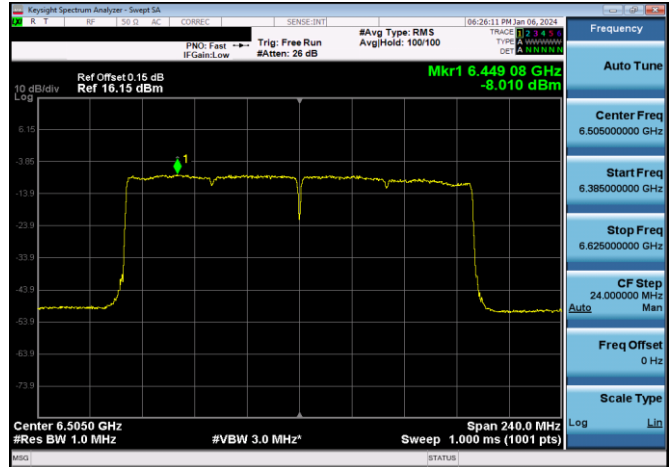
Plot 7-276. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11a (UNII Band 6) – Ch. 105, 12Mbps)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 139 of 567

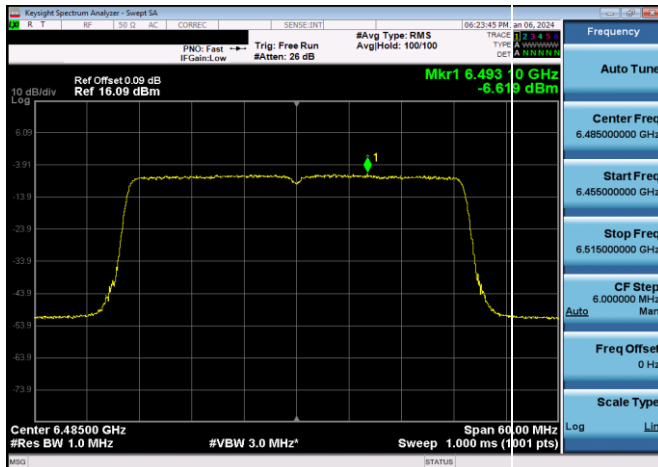
V 10.5 12/15/2021



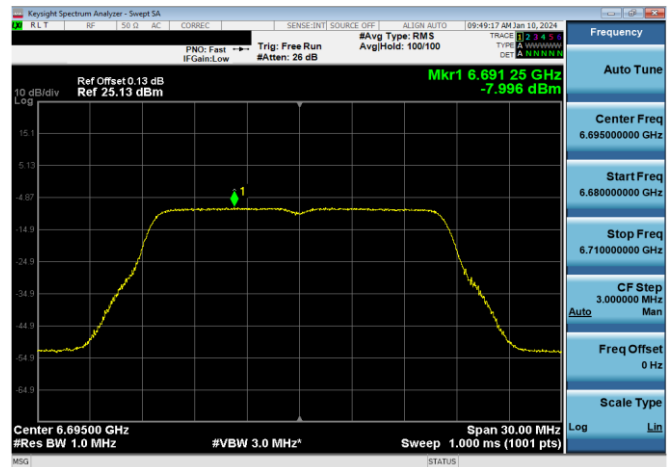
Plot 7-277. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



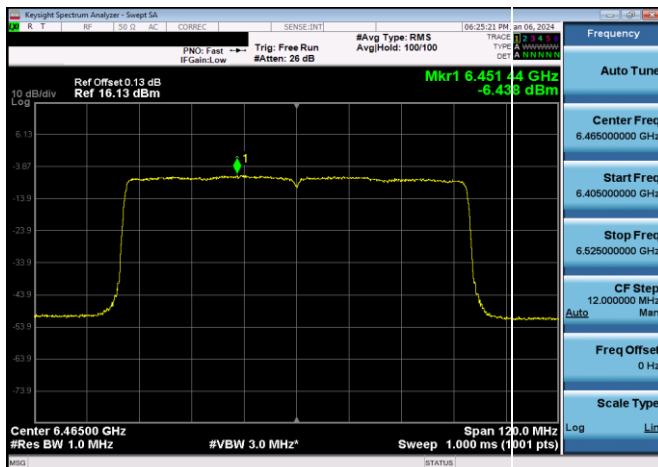
Plot 7-280. Power Spectral Density Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



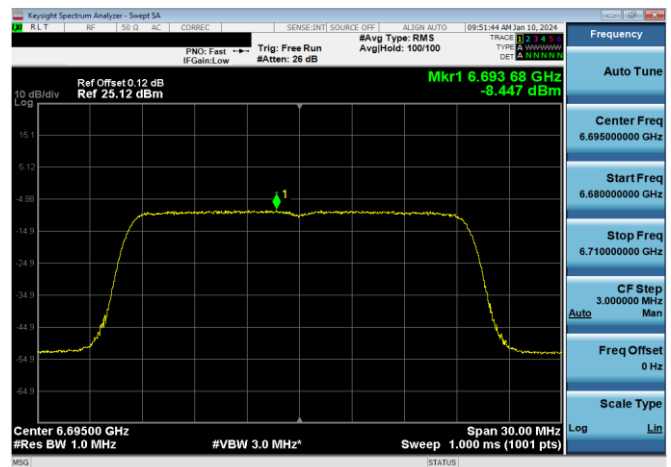
Plot 7-278. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-281. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 12Mbps)

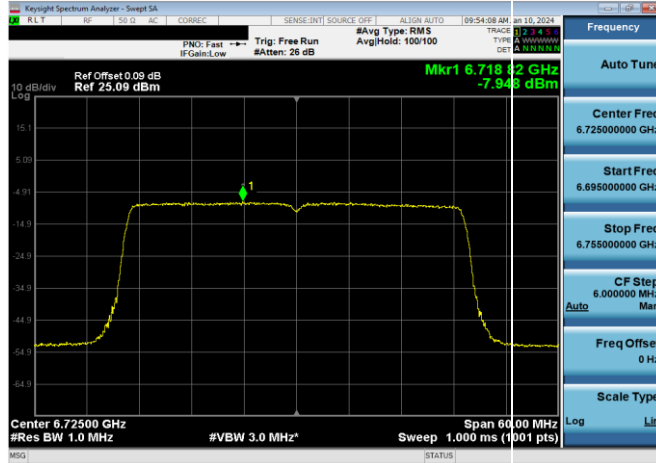


Plot 7-279. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)

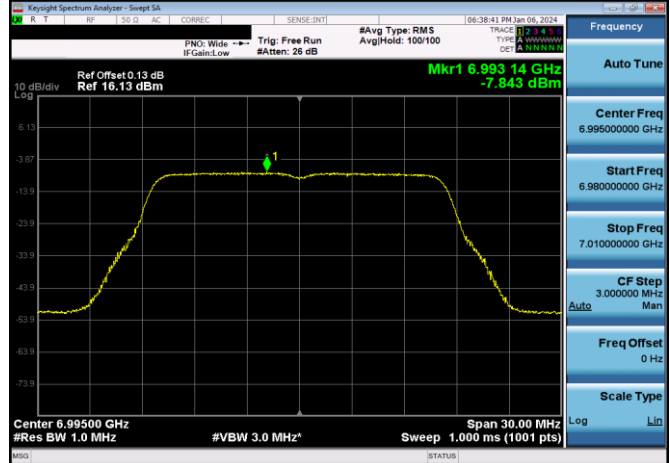


Plot 7-282. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

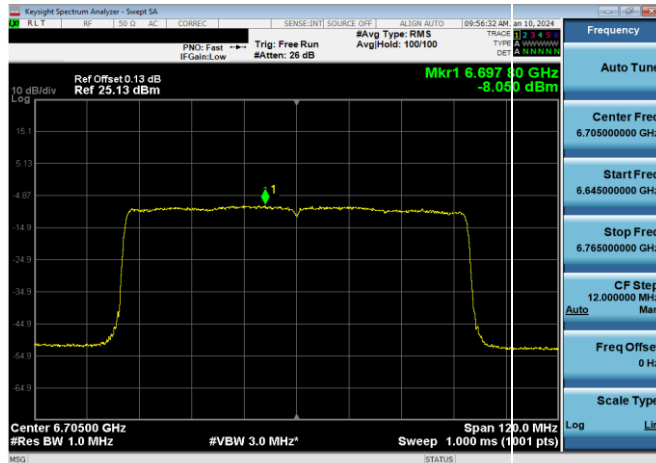
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 140 of 567



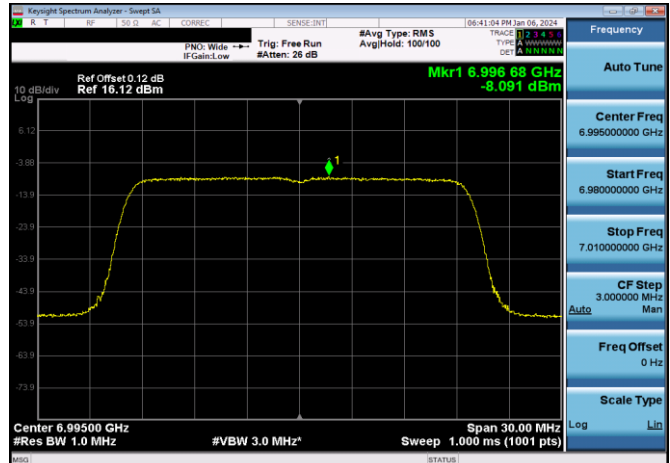
Plot 7-283. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



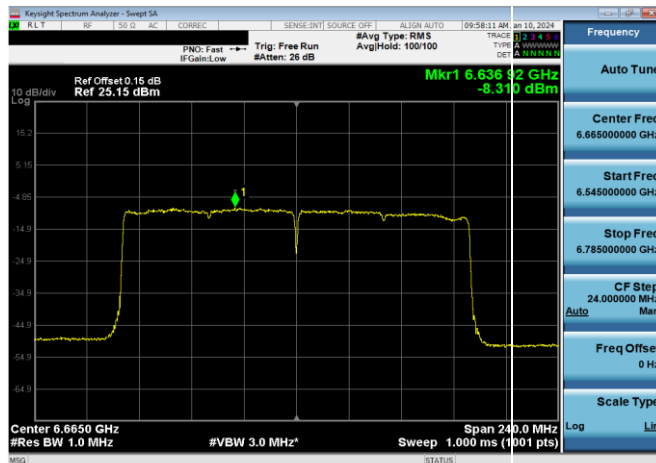
Plot 7-286. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 12Mbps)



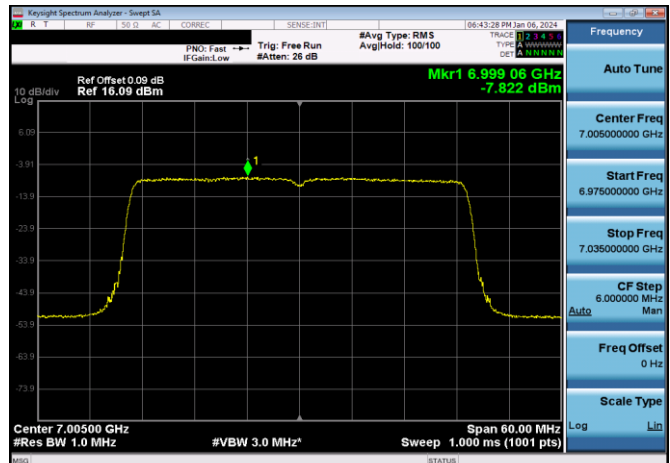
Plot 7-284. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-287. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS2)

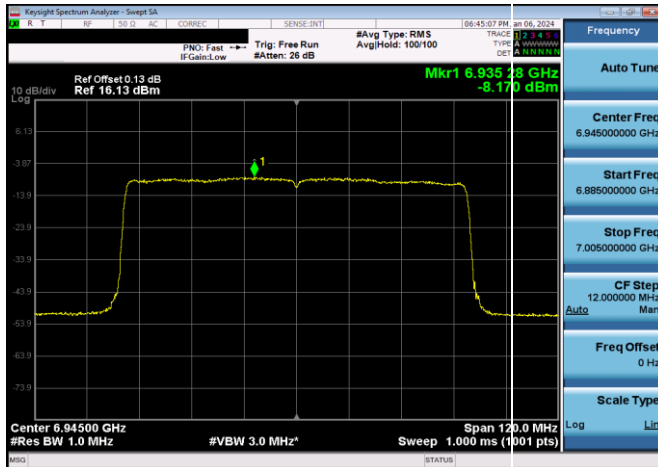


Plot 7-285. Power Spectral Density Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

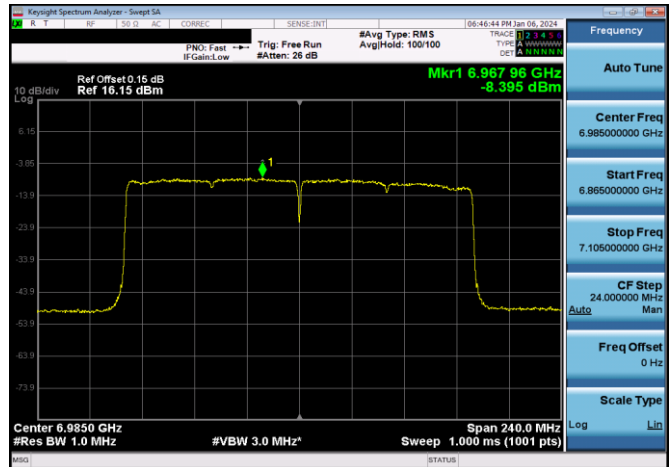


Plot 7-288. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS2)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 141 of 567



Plot 7-289. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 8) - Ch. 199, MCS2)

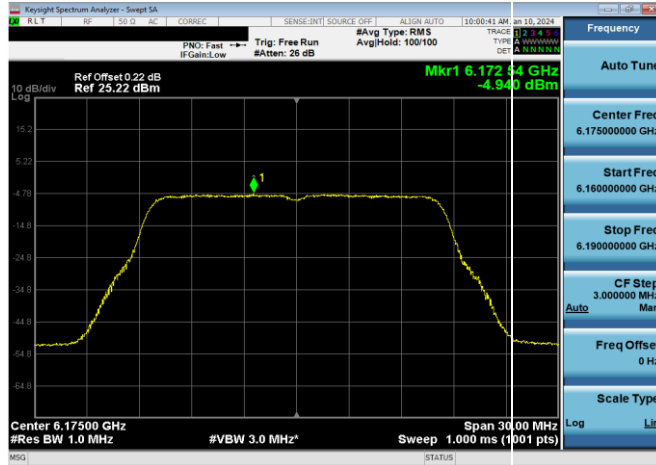


Plot 7-290. Power Spectral Density Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 8) - Ch. 207, MCS2)

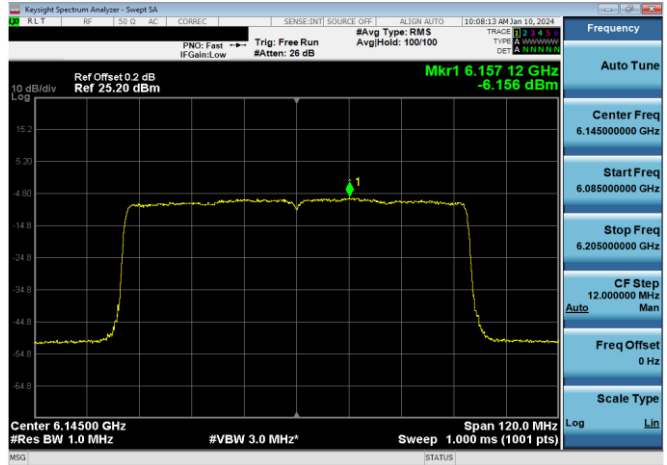
FCC ID: BCGA2899 IC: 579C-A2899	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 142 of 567

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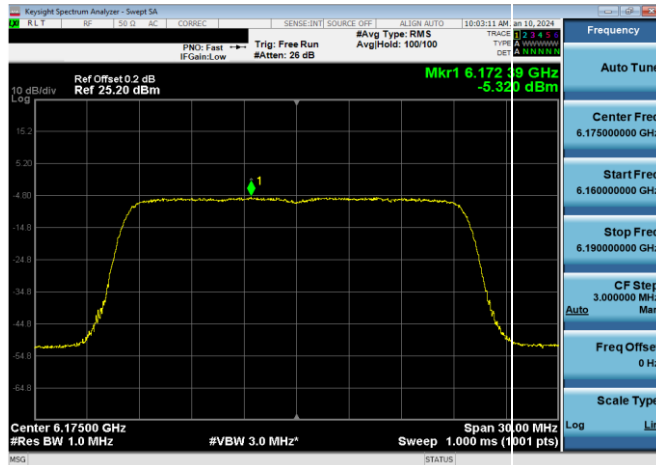
Mid Data Rate



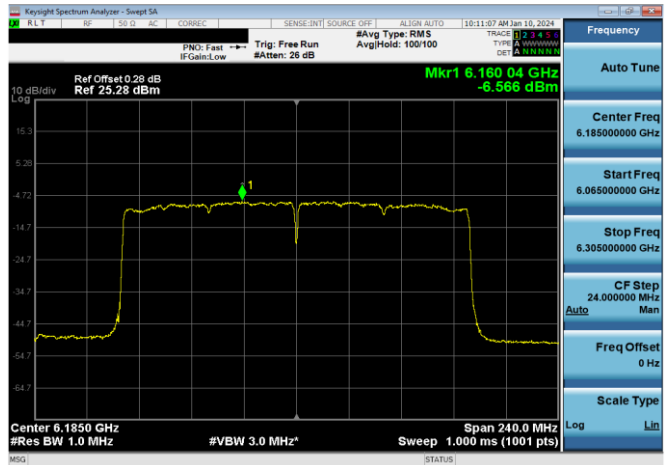
Plot 7-291. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



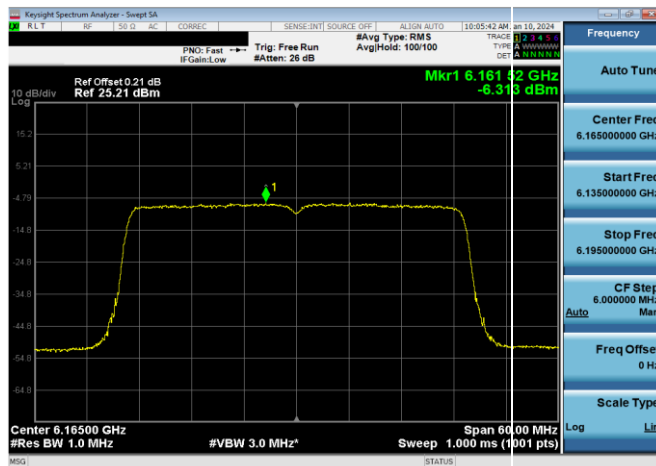
Plot 7-294. Power Spectral Density Plot Antenna 3b LPI (80MHz) 802.11ax (UNII Band 5) – Ch. 39, MCS4)



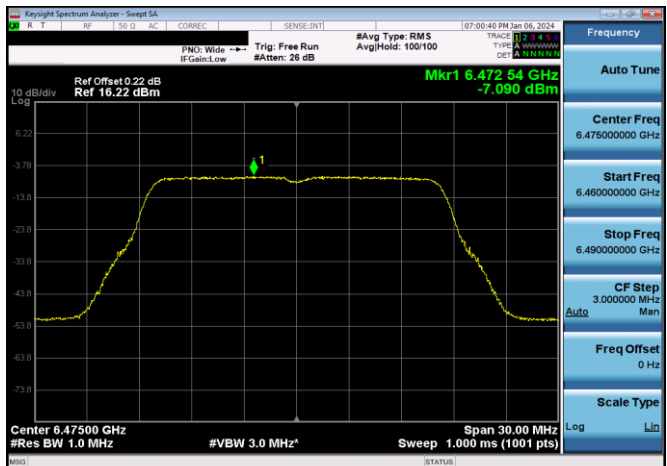
Plot 7-292. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-295. Power Spectral Density Plot Antenna 3b LPI (160MHz) 802.11ax (UNII Band 5) – Ch. 47, MCS4)



Plot 7-293. Power Spectral Density Plot Antenna 3b LPI (40MHz) 802.11ax (UNII Band 5) – Ch. 43, MCS4)

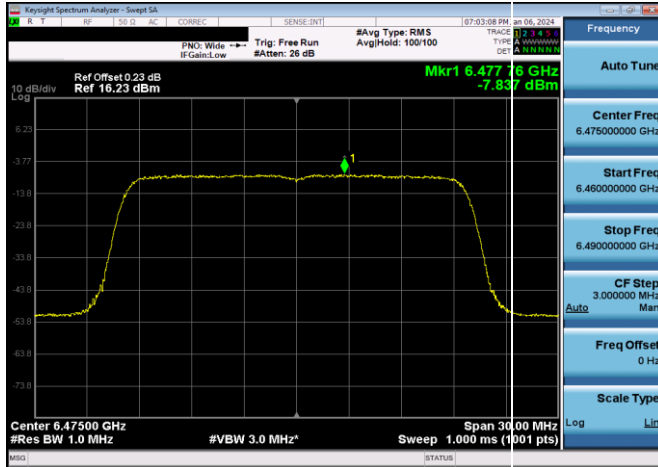


Plot 7-296. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11a (UNII Band 6) – Ch. 105, 24Mbps)

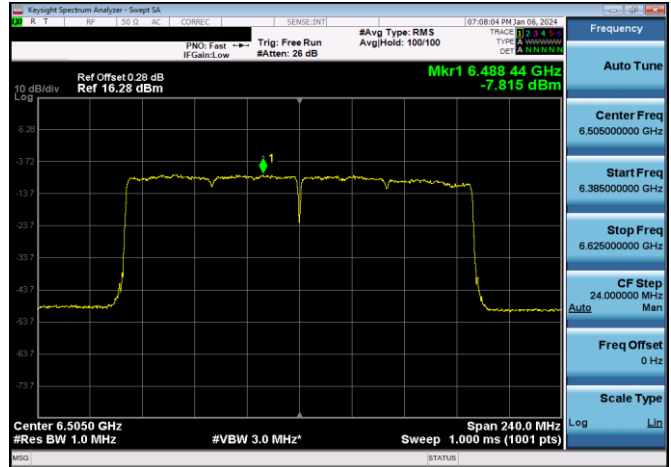
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 143 of 567

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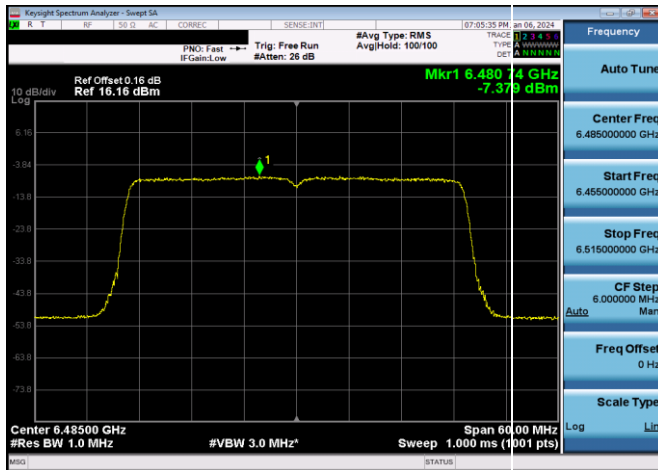
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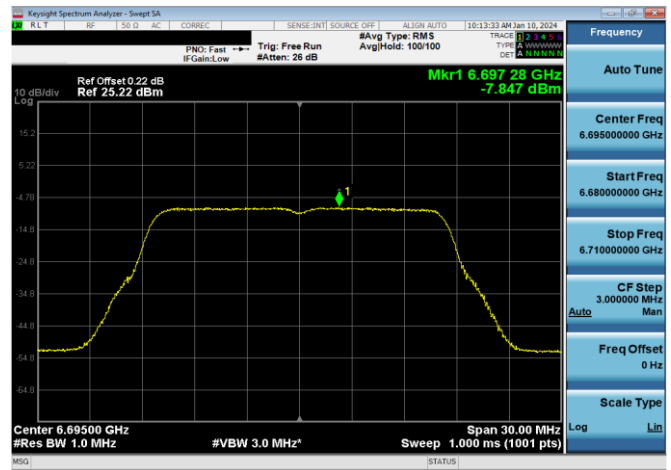
Plot 7-297. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



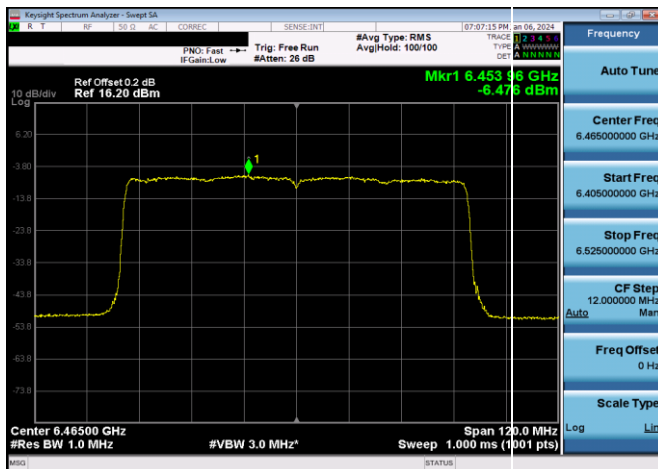
Plot 7-300. Power Spectral Density Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)



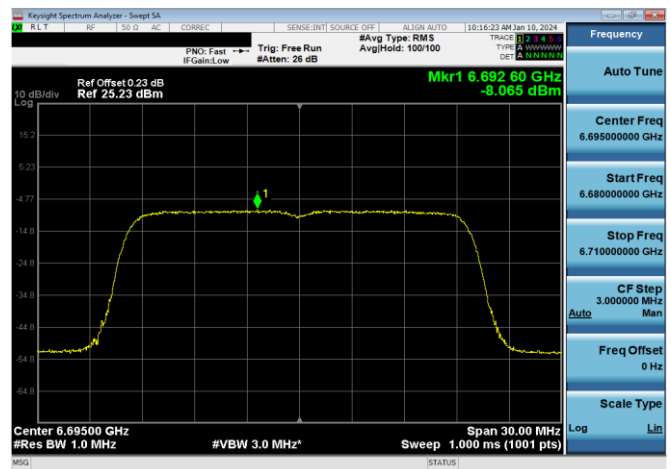
Plot 7-298. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-301. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

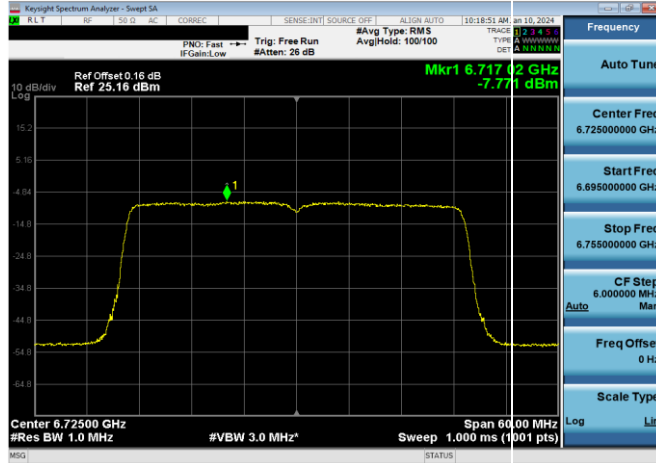


Plot 7-299. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)

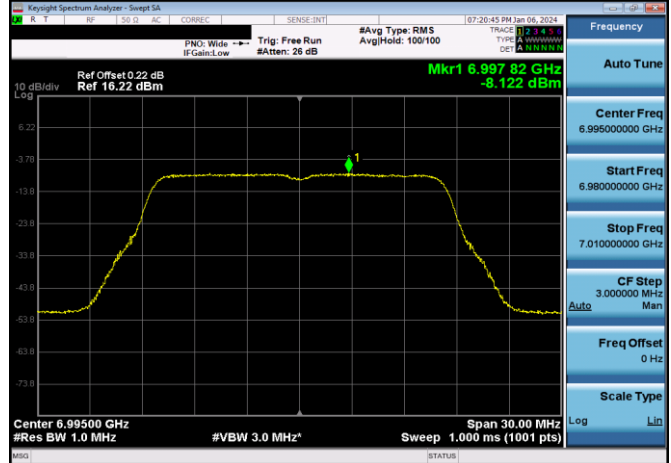


Plot 7-302. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

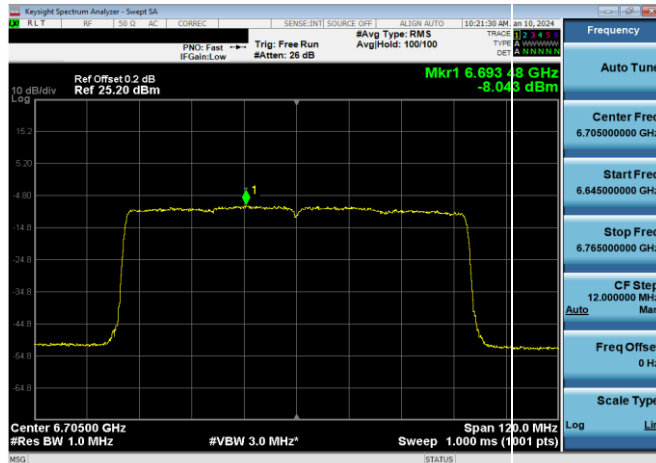
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 144 of 567



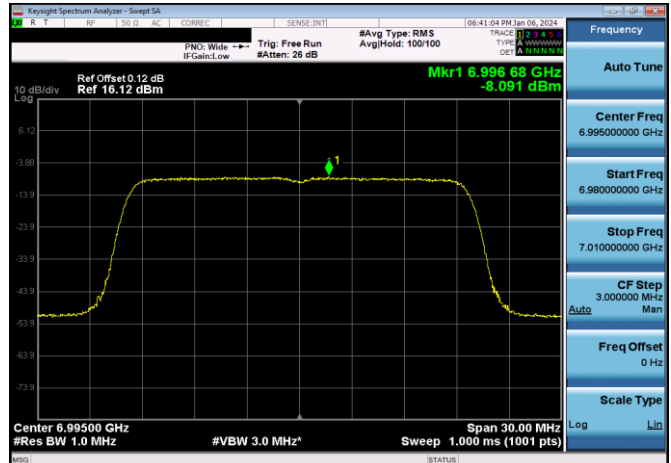
Plot 7-303. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



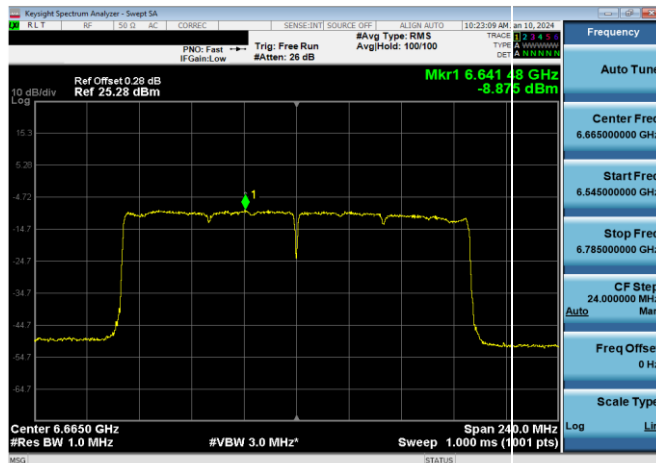
Plot 7-306. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 24Mbps)



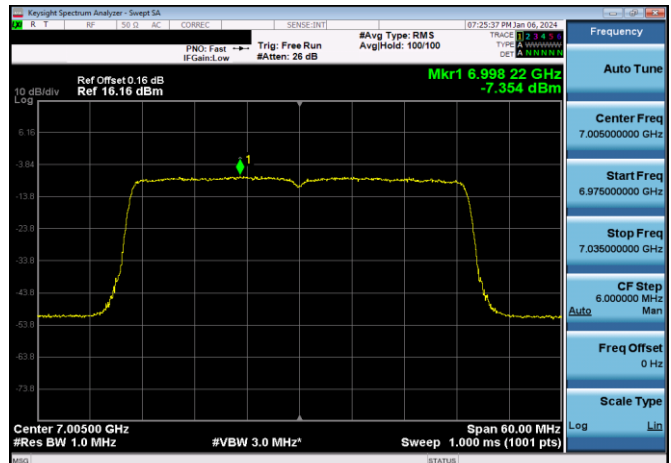
Plot 7-304. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-307. Power Spectral Density Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 8) – Ch. 209, MCS4)

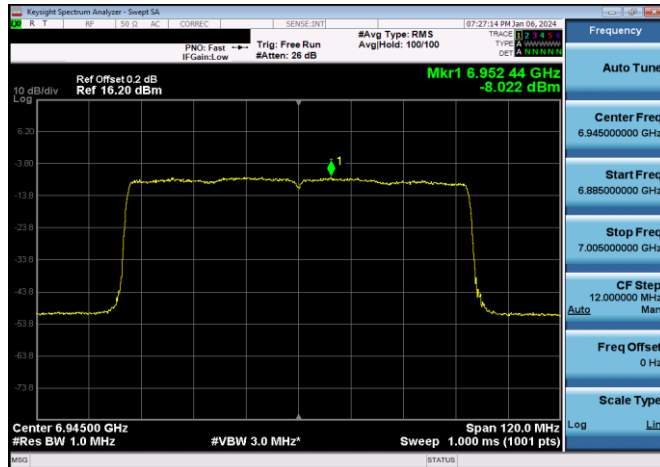


Plot 7-305. Power Spectral Density Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)

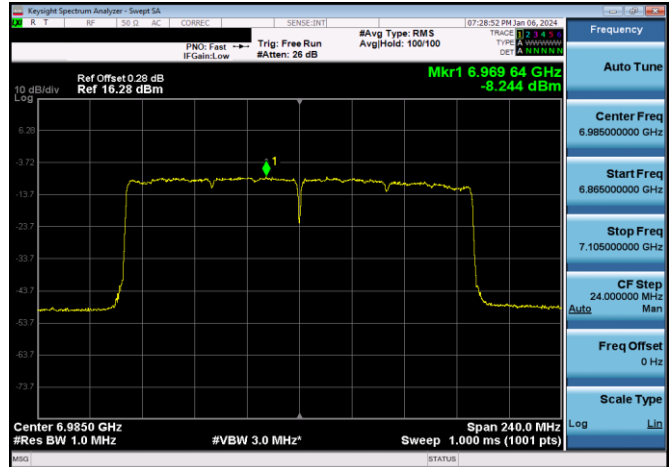


Plot 7-308. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS4)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 145 of 567



Plot 7-309. Power Spectral Density Plot Antenna 3b LPI (80MHz) 802.11ax (UNII Band 8) - Ch. 199, MCS4)

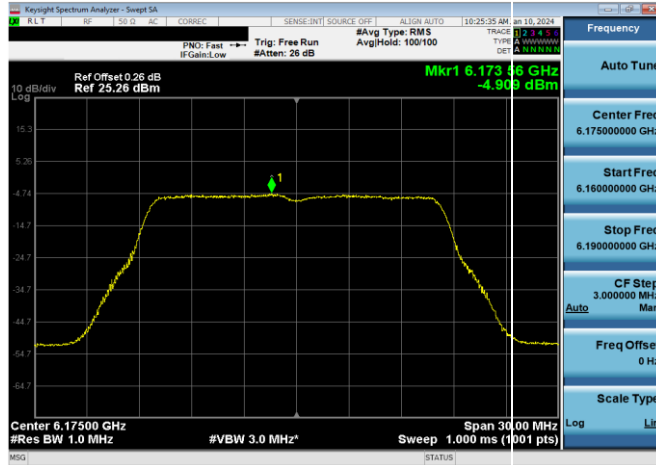


Plot 7-310. Power Spectral Density Plot Antenna 3b LPI (80MHz) 802.11ax (UNII Band 8) - Ch. 207, MCS4)

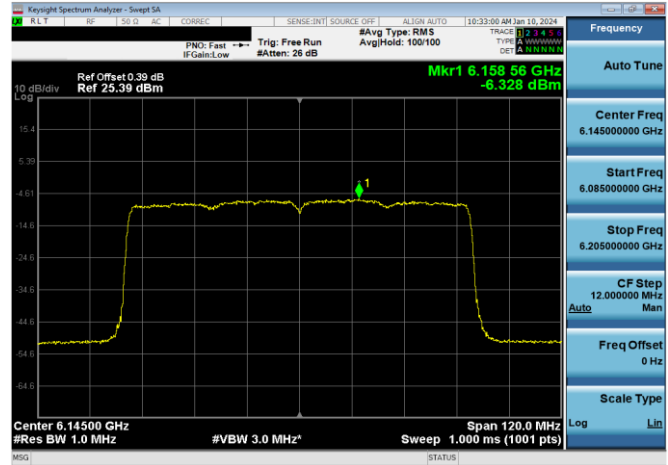
FCC ID: BCGA2899 IC: 579C-A2899	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 146 of 567

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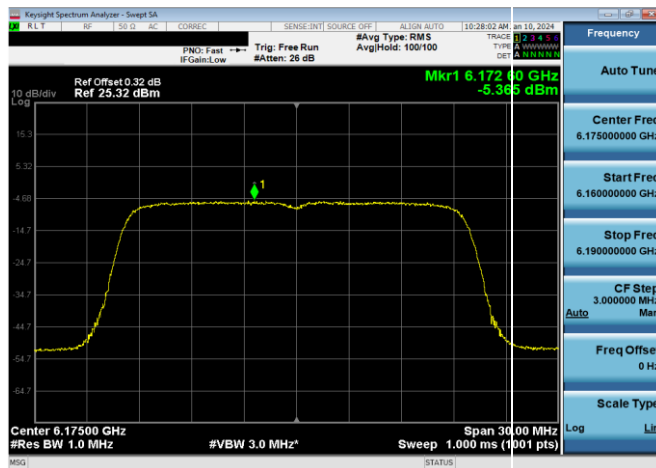
High Data Rate



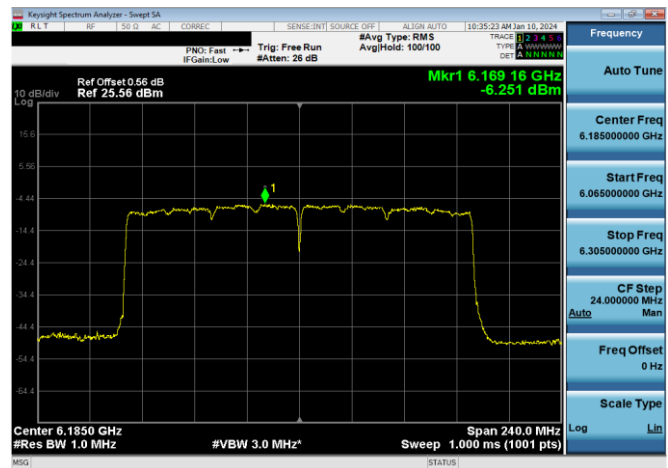
Plot 7-311. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



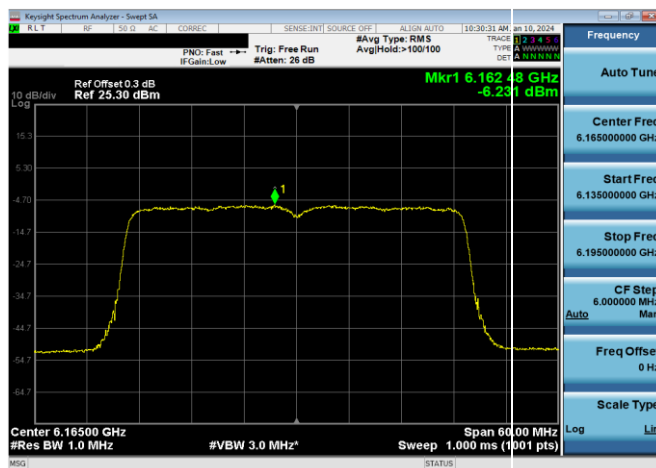
Plot 7-314. Power Spectral Density Plot Antenna 3b LPI (80MHz) 802.11ax (UNII Band 5) – Ch. 39, MCS11)



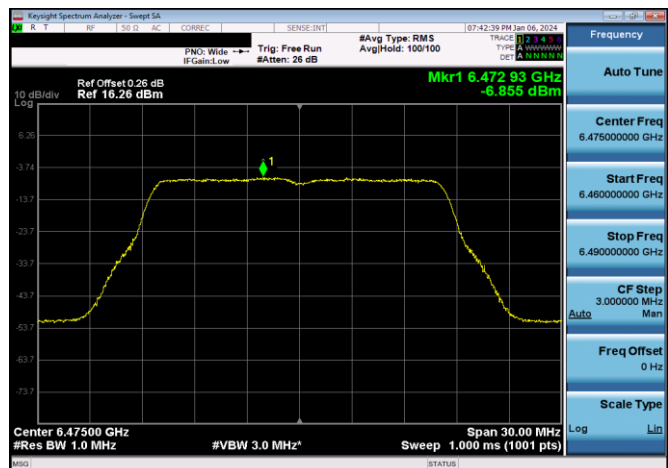
Plot 7-312. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-315. Power Spectral Density Plot Antenna 3b LPI (160MHz) 802.11ax (UNII Band 5) – Ch. 47, MCS11)



Plot 7-313. Power Spectral Density Plot Antenna 3b LPI (40MHz) 802.11ax (UNII Band 5) – Ch. 43, MCS11)

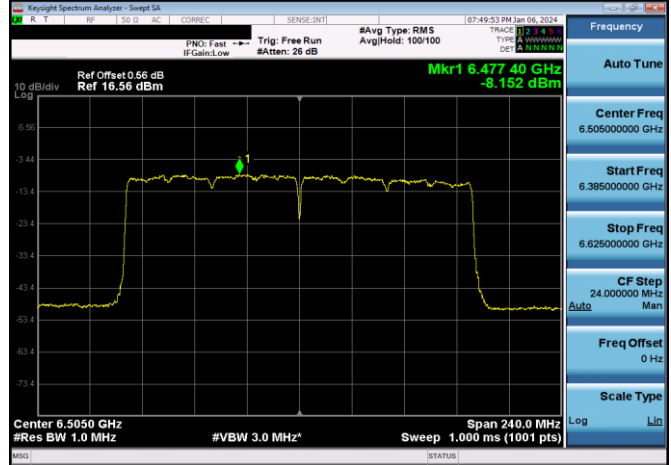


Plot 7-316. Power Spectral Density Plot Antenna 3b LPI (20MHz) 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

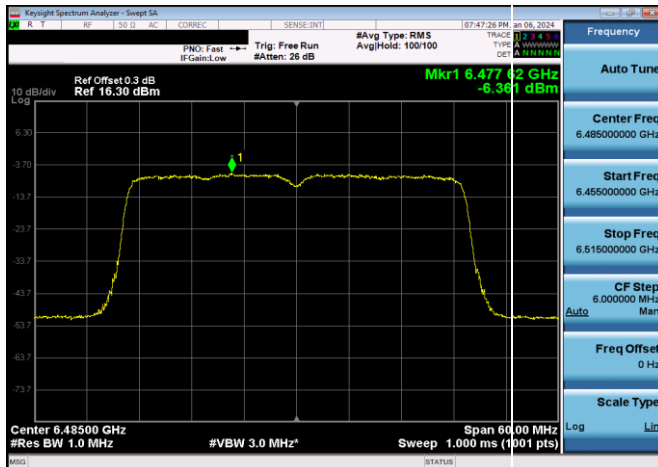
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 147 of 567



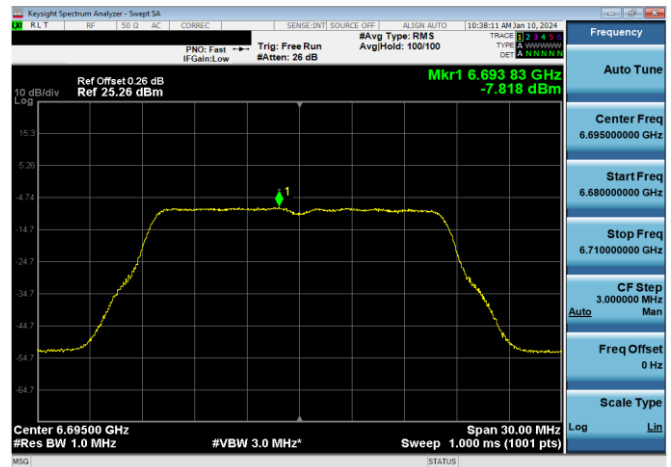
Plot 7-317. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



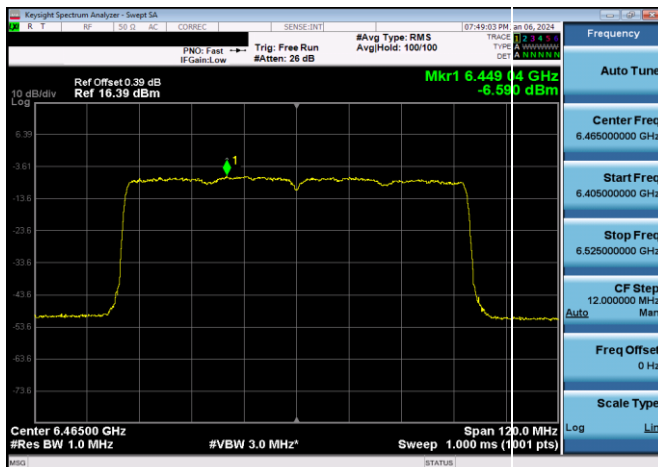
Plot 7-320. Power Spectral Density Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



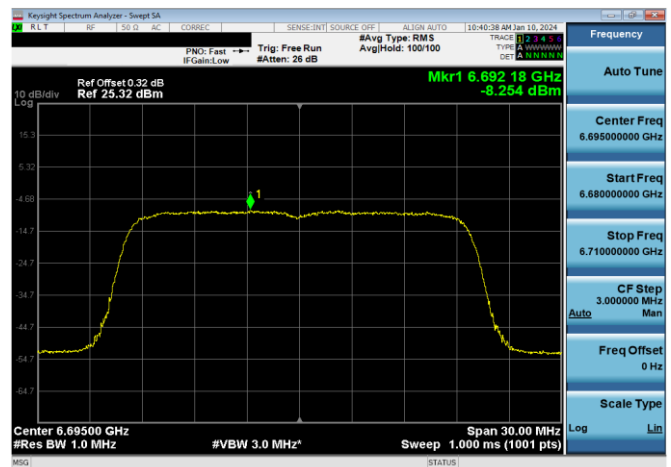
Plot 7-318. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-321. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

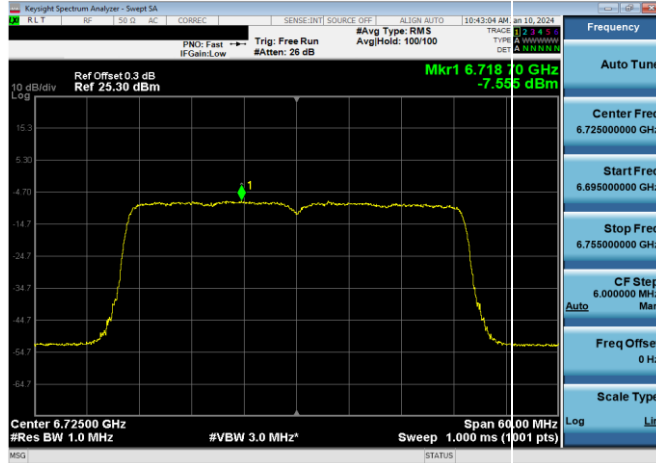


Plot 7-319. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

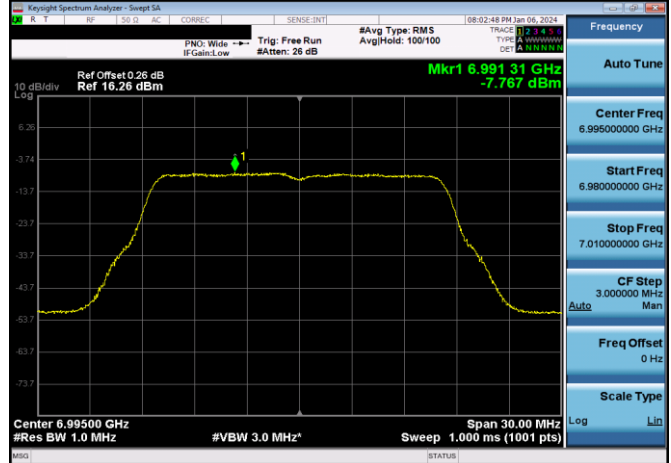


Plot 7-322. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

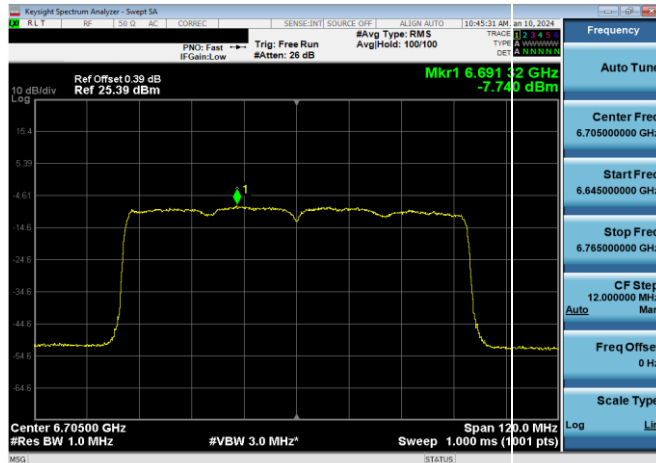
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 148 of 567



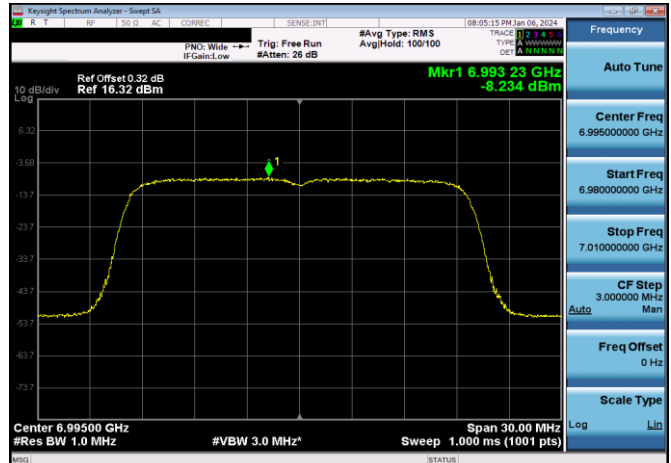
Plot 7-323. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



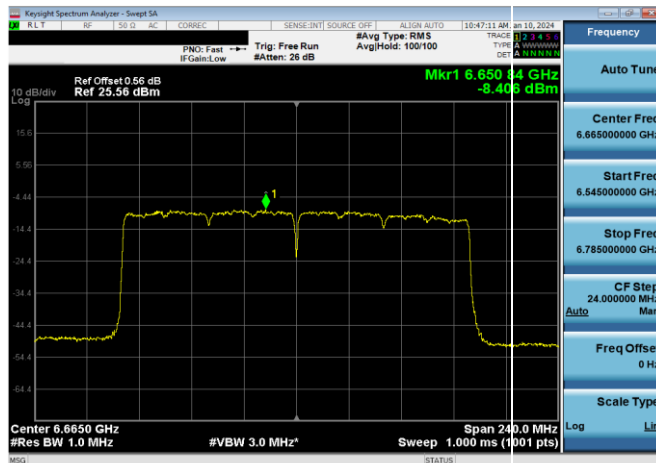
Plot 7-326. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



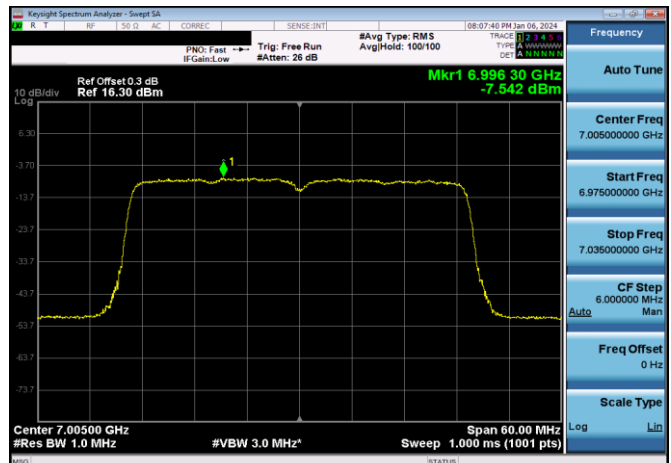
Plot 7-324. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-327. Power Spectral Density Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

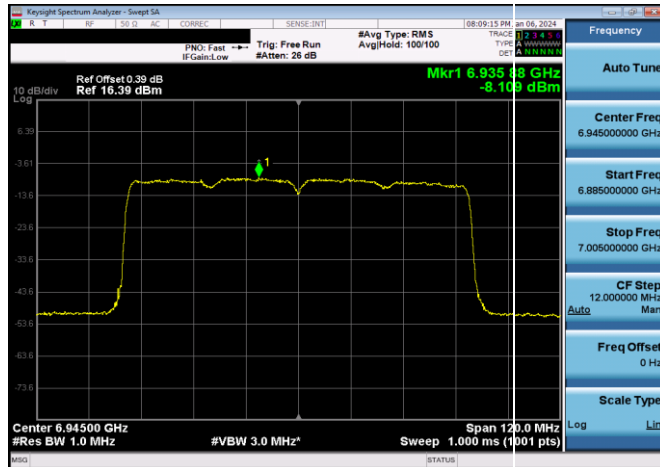


Plot 7-325. Power Spectral Density Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

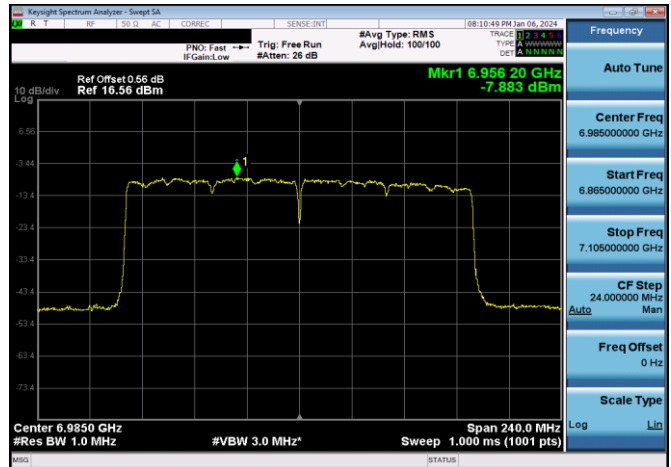


Plot 7-328. Power Spectral Density Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 149 of 567



Plot 7-329. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 8) - Ch. 199, MCS11)

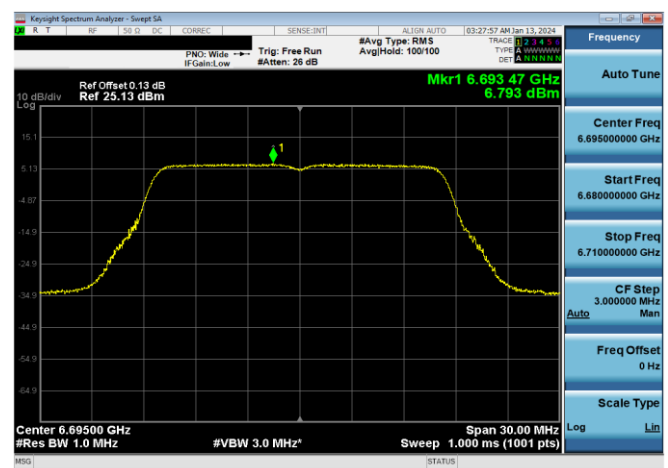
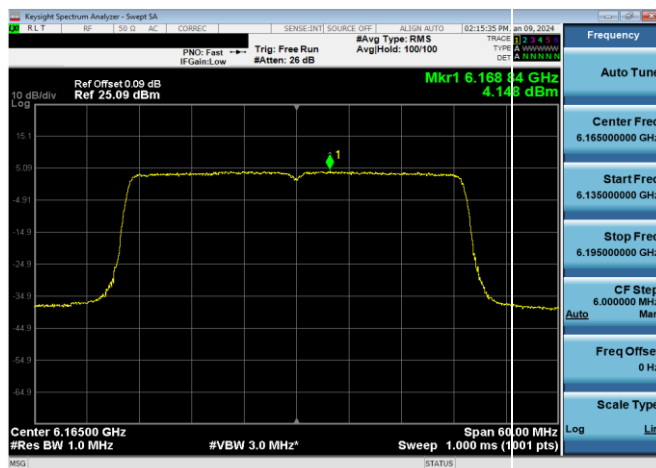
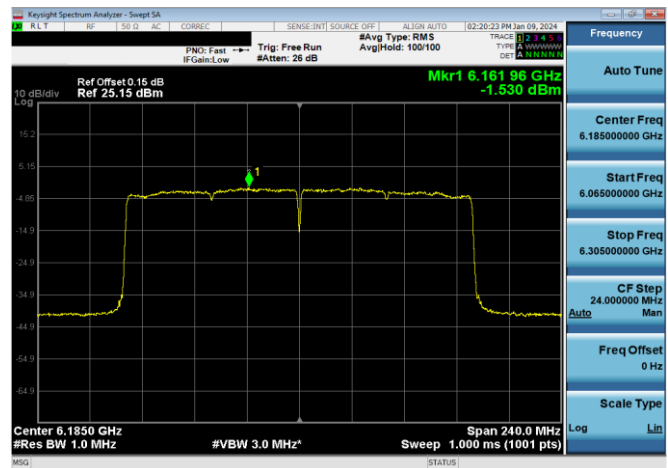
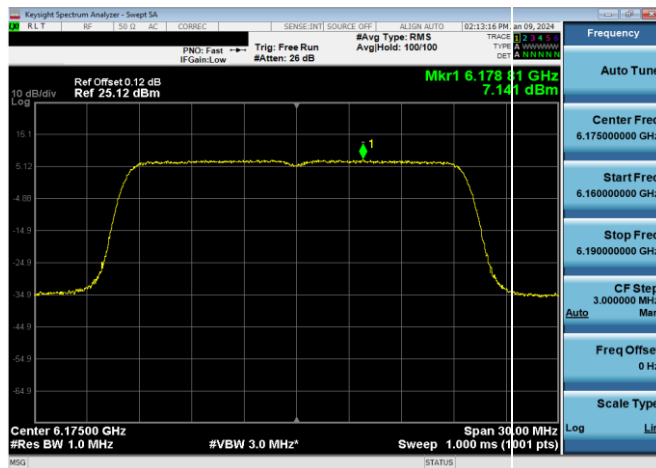
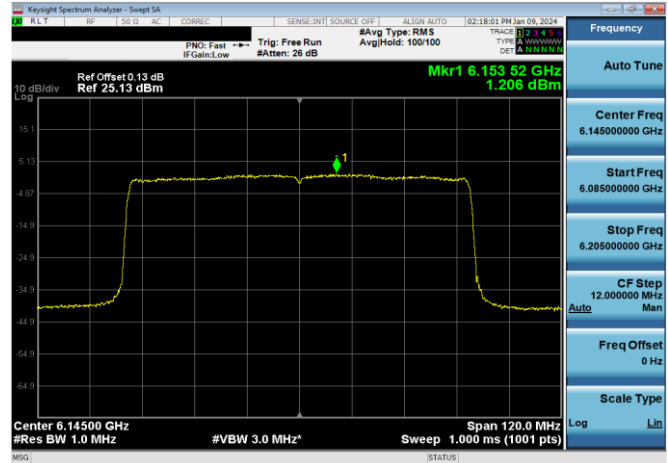
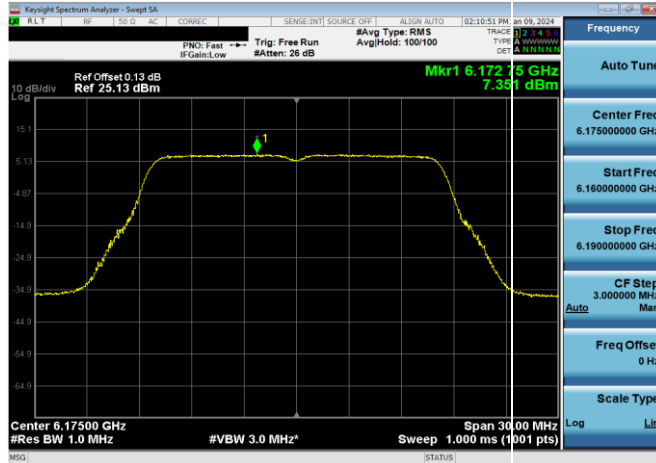


Plot 7-330. Power Spectral Density Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 8) - Ch. 207, MCS11)

FCC ID: BCGA2899 IC: 579C-A2899	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 150 of 567

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FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-26-R3.BCG	Test Dates: 11/29/2023 - 04/05/24	EUT Type: Tablet Device	Page 151 of 567