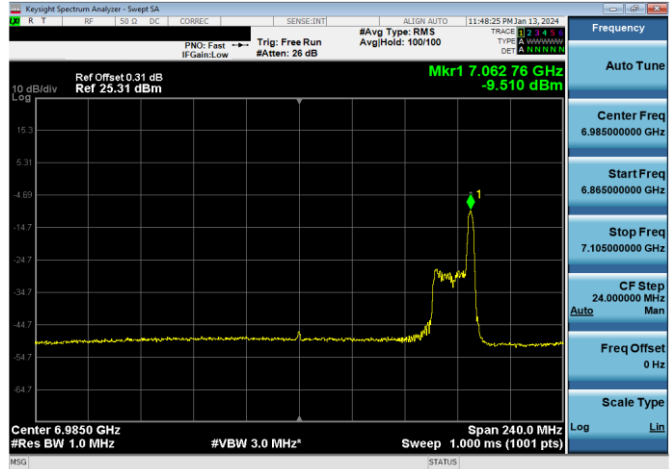
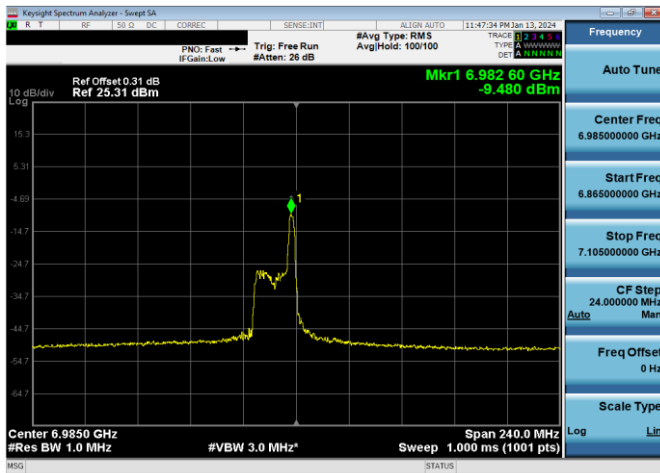


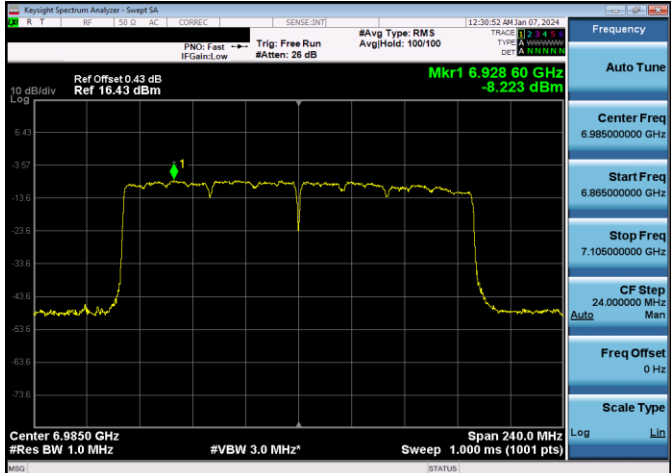
Plot 7-541. LPI Power Spectral Density Plot Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-543. LPI Power Spectral Density Plot Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-542. LPI Power Spectral Density Plot Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-544. LPI Power Spectral Density Plot Antenna 3b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

<b>FCC ID:</b> BCGA2899 <b>IC:</b> 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270066-27-R3.BCG	<b>Test Dates:</b> 11/29/2023 - 04/05/2024	<b>EUT Type:</b> Tablet Device	Page 193 of 607

## 7.4.8 Antenna 1b LPI Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.70	0.10	-6.60	-1	-5.60
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.82	0.10	-7.72	-1	-6.72
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-7.46	0.10	-7.36	-1	-6.36
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.81	0.10	-6.71	-1	-5.71
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.39	0.10	-8.29	-1	-7.29
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-7.82	0.10	-7.72	-1	-6.72
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.31	0.10	-8.21	-1	-7.21
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.36	0.10	-9.26	-1	-8.26
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.96	0.10	-8.86	-1	-7.86
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.66	0.10	-8.56	-1	-7.56
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.35	0.10	-7.25	-1	-6.25
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.58	0.10	-8.48	-1	-7.48
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.80	0.10	-6.70	-1	-5.70
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.54	0.10	-7.44	-1	-6.44
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.56	0.10	-6.46	-1	-5.46
	6165	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-7.74	0.10	-7.64	-1	-6.64
	6165	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.50	0.10	-7.40	-1	-6.40
	6165	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-7.74	0.10	-7.64	-1	-6.64
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-7.48	0.10	-7.38	-1	-6.38
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-7.88	0.10	-7.78	-1	-6.78
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.42	0.10	-7.32	-1	-6.32
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-7.70	0.10	-7.60	-1	-6.60
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-8.38	0.10	-8.28	-1	-7.28
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-6.99	0.10	-6.89	-1	-5.89
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-7.58	0.10	-7.48	-1	-6.48
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-8.50	0.10	-8.40	-1	-7.40
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.95	0.10	-7.85	-1	-6.85
	6025	15	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-8.20	0.10	-8.10	-1	-7.10
	6025	15	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-7.40	0.10	-7.30	-1	-6.30
	6025	15	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-8.09	0.10	-7.99	-1	-6.99
	6185	47	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-8.39	0.10	-8.29	-1	-7.29
	6185	47	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-7.06	0.10	-6.96	-1	-5.96
6185	47	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-8.49	0.10	-8.39	-1	-7.39	
6345	79	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-8.24	0.10	-8.14	-1	-7.14	
6345	79	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-7.22	0.10	-7.12	-1	-6.12	
6345	79	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-8.01	0.10	-7.91	-1	-6.91	
Band 6	6345	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.10	0.10	-8.00	-1	-7.00
	6345	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.61	0.10	-9.51	-1	-8.51
	6345	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.53	0.10	-8.43	-1	-7.43
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-7.92	0.10	-7.82	-1	-6.82
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.09	0.10	-8.99	-1	-7.99
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-7.97	0.10	-7.87	-1	-6.87
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.07	0.10	-7.97	-1	-6.97
	6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.77	0.10	-8.67	-1	-7.67
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-7.67	0.10	-7.57	-1	-6.57
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.08	0.10	-7.98	-1	-6.98
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.70	0.10	-7.60	-1	-6.60
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.24	0.10	-8.14	-1	-7.14
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-7.83	0.10	-7.73	-1	-6.73
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.71	0.10	-7.61	-1	-6.61
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.17	0.10	-8.07	-1	-7.07
	6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-9.31	0.10	-9.21	-1	-8.21
	6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.33	0.10	-9.23	-1	-8.23
	6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-9.37	0.10	-9.27	-1	-8.27
	6465	103	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-8.16	0.10	-8.06	-1	-7.06
	6465	103	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-9.26	0.10	-9.16	-1	-8.16
	6465	103	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.94	0.10	-7.84	-1	-6.84
	6505	111	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-9.06	0.10	-8.96	-1	-7.96
	6505	111	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-8.88	0.10	-8.78	-1	-7.78
	6505	111	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-10.69	0.10	-10.59	-1	-9.59

Table 7-147. Bands 5, 6 LPI Power Spectral Density Measurements Antenna 1b (RU26)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 194 of 607

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.52	-0.90	-9.42	-1	-8.42
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.43	-0.90	-10.33	-1	-9.33
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.77	-0.90	-9.67	-1	-8.67
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.51	-0.90	-9.41	-1	-8.41
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.27	-0.90	-10.17	-1	-9.17
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.54	-0.90	-9.44	-1	-8.44
	6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.18	-0.90	-10.08	-1	-9.08
	6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.83	-0.90	-10.73	-1	-9.73
	6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-9.32	-0.90	-10.22	-1	-9.22
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.76	-0.90	-9.66	-1	-8.66
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-8.93	-0.90	-9.83	-1	-8.83
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-9.07	-0.90	-9.97	-1	-8.97
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.64	-0.90	-9.54	-1	-8.54
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-8.65	-0.90	-9.55	-1	-8.55
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-9.14	-0.90	-10.04	-1	-9.04
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.92	-0.90	-9.82	-1	-8.82
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-8.73	-0.90	-9.63	-1	-8.63
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.85	-0.90	-9.75	-1	-8.75
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-8.60	-0.90	-9.50	-1	-8.50
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-9.86	-0.90	-10.76	-1	-9.76
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-8.80	-0.90	-9.70	-1	-8.70
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-8.99	-0.90	-9.89	-1	-8.89
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-9.92	-0.90	-10.82	-1	-9.82
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-9.46	-0.90	-10.36	-1	-9.36
	6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-9.62	-0.90	-10.52	-1	-9.52
	6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-10.32	-0.90	-11.22	-1	-10.22
	6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-9.22	-0.90	-10.12	-1	-9.12
	6665	143	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-8.93	-0.90	-9.83	-1	-8.83
	6665	143	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-9.22	-0.90	-10.12	-1	-9.12
	6665	143	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-10.20	-0.90	-11.10	-1	-10.10
6825	175	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-9.63	-0.90	-10.53	-1	-9.53	
6825	175	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-9.96	-0.90	-10.86	-1	-9.86	
6825	175	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-10.20	-0.90	-11.10	-1	-10.10	
Band 8	6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.34	-0.70	-10.04	-1	-9.04
	6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.94	-0.70	-10.64	-1	-9.64
	6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-10.33	-0.70	-11.03	-1	-10.03
	6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.94	-0.70	-10.64	-1	-9.64
	6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.69	-0.70	-10.39	-1	-9.39
	6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-9.61	-0.70	-10.31	-1	-9.31
	7115	233	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.66	-0.70	-10.36	-1	-9.36
	7115	233	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-10.48	-0.70	-11.18	-1	-10.18
	7115	233	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-10.28	-0.70	-10.98	-1	-9.98
	6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-9.80	-0.70	-10.50	-1	-9.50
	6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.63	-0.70	-10.33	-1	-9.33
	6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-10.04	-0.70	-10.74	-1	-9.74
	7005	211	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-9.99	-0.70	-10.69	-1	-9.69
	7005	211	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.43	-0.70	-10.13	-1	-9.13
	7005	211	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-10.14	-0.70	-10.84	-1	-9.84
	7085	227	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-9.50	-0.70	-10.20	-1	-9.20
	7085	227	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.84	-0.70	-10.54	-1	-9.54
	7085	227	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-9.55	-0.70	-10.25	-1	-9.25
	6945	199	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-9.79	-0.70	-10.49	-1	-9.49
	6945	199	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-10.59	-0.70	-11.29	-1	-10.29
	6945	199	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-10.39	-0.70	-11.09	-1	-10.09
	7025	215	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-9.77	-0.70	-10.47	-1	-9.47
	7025	215	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-11.17	-0.70	-11.87	-1	-10.87
	7025	215	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-10.00	-0.70	-10.70	-1	-9.70
	6985	207	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-9.88	-0.70	-10.58	-1	-9.58
	6985	207	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-10.39	-0.70	-11.09	-1	-10.09
	6985	207	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-11.46	-0.70	-12.16	-1	-11.16

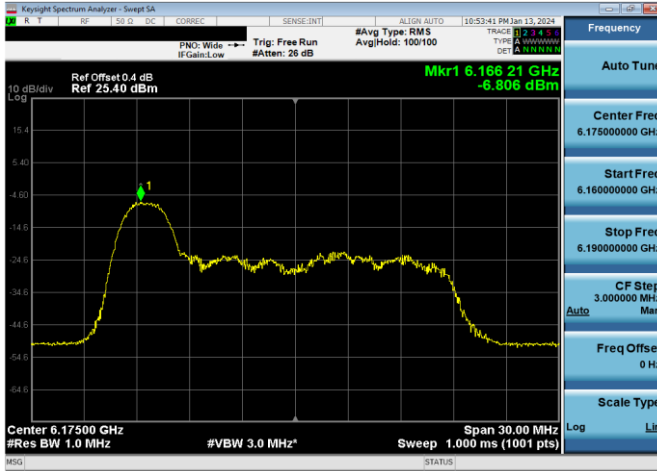
**Table 7-148. Bands 7, 8 LPI Power Spectral Density Measurements Antenna 1b (RU26)**

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 195 of 607

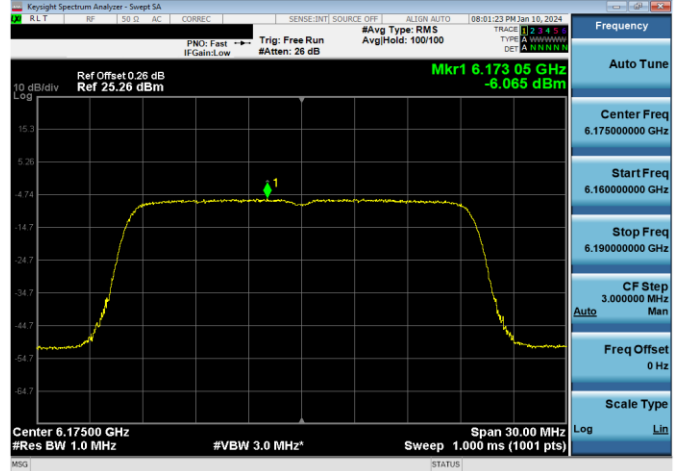
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.65	0.10	-6.55	-1	-5.55
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.07	0.10	-5.97	-1	-4.97
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.72	0.10	-6.62	-1	-5.62
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.54	0.10	-6.44	-1	-5.44
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.07	0.10	-5.97	-1	-4.97
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.65	0.10	-6.55	-1	-5.55
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-6.30	0.10	-6.20	-1	-5.20
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-6.23	0.10	-6.13	-1	-5.13
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-6.16	0.10	-6.06	-1	-5.06
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-6.33	0.10	-6.23	-1	-5.23
	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-6.08	0.10	-5.98	-1	-4.98
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-6.61	0.10	-6.51	-1	-5.51
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.66	0.10	-7.56	-1	-6.56
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.83	0.10	-7.73	-1	-6.73
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.53	0.10	-7.43	-1	-6.43
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.44	0.10	-7.34	-1	-6.34
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.29	0.10	-7.19	-1	-6.19
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.77	0.10	-8.77	-1	-7.77
	6465	103	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.40	0.10	-7.30	-1	-6.30
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.15	0.10	-8.05	-1	-7.05
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.37	-0.90	-9.27	-1	-8.27
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.93	-0.90	-8.83	-1	-7.83
	6875	185	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.59	-0.90	-9.49	-1	-8.49
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.04	-0.90	-8.94	-1	-7.94
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.85	-0.90	-8.75	-1	-7.75
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.26	-0.90	-9.16	-1	-8.16
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.73	-0.90	-8.63	-1	-7.63
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.01	-0.90	-8.91	-1	-7.91
	6865	183	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.01	-0.90	-8.91	-1	-7.91
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.41	-0.90	-9.31	-1	-8.31
	6825	175	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.21	-0.90	-9.11	-1	-8.11
	Band 8	6895	189	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.49	-0.70	-9.19	-1
6995		209	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.44	-0.70	-9.14	-1	-8.14
7115		233	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.92	-0.70	-9.62	-1	-8.62
6885		187	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.36	-0.70	-9.06	-1	-8.06
7005		211	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.15	-0.70	-8.85	-1	-7.85
7085		227	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.55	-0.70	-9.25	-1	-8.25
6945		199	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.15	-0.70	-8.85	-1	-7.85
7025		215	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.22	-0.70	-8.92	-1	-7.92
6985		207	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-7.96	-0.70	-8.66	-1	-7.66

**Table 7-149. LPI Power Spectral Density Measurements Antenna 1b (Fully loaded RU)**

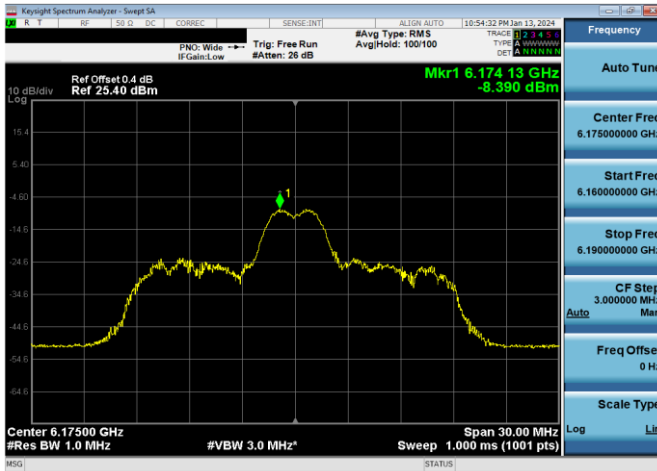
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 196 of 607



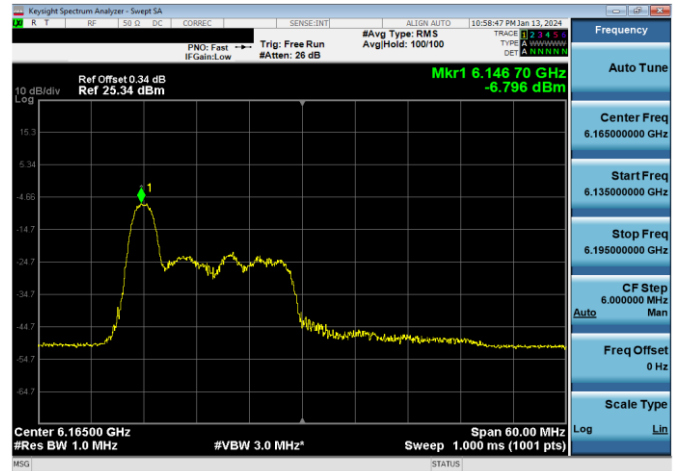
Plot 7-545. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



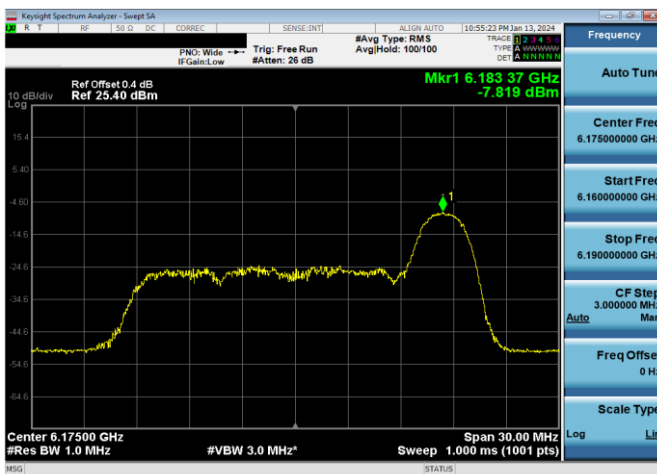
Plot 7-548. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



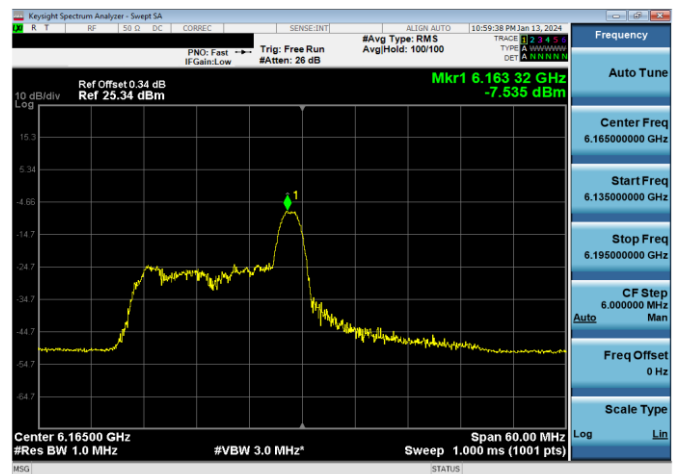
Plot 7-546. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-549. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

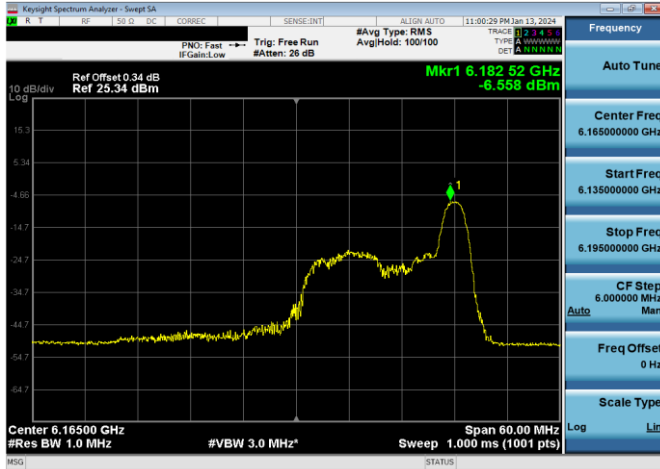


Plot 7-547. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

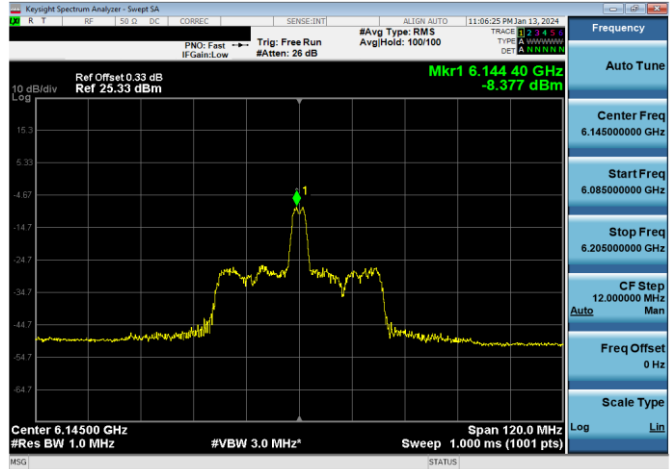


Plot 7-550. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

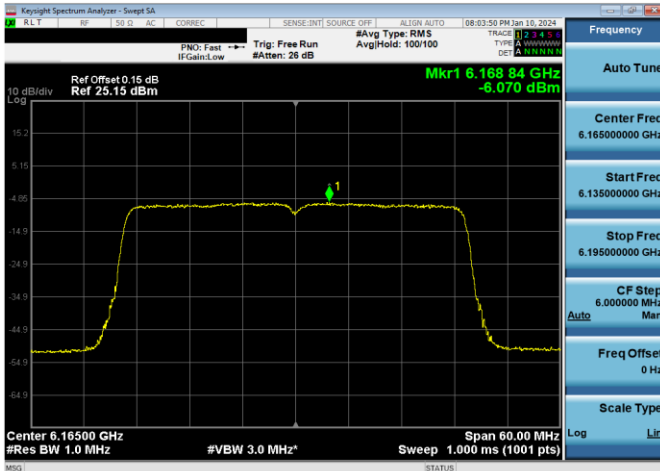
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 197 of 607



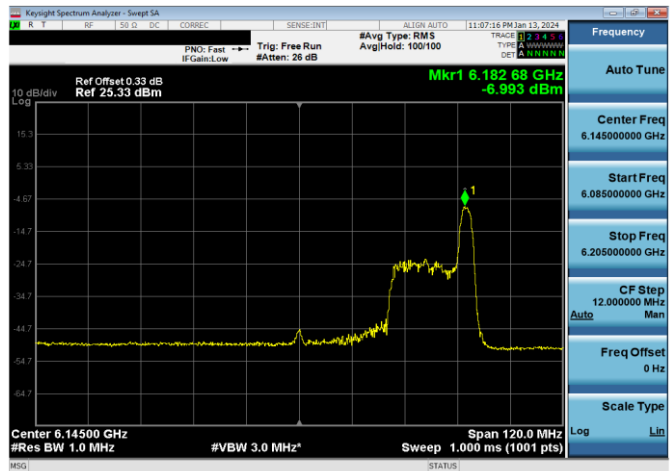
Plot 7-551. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



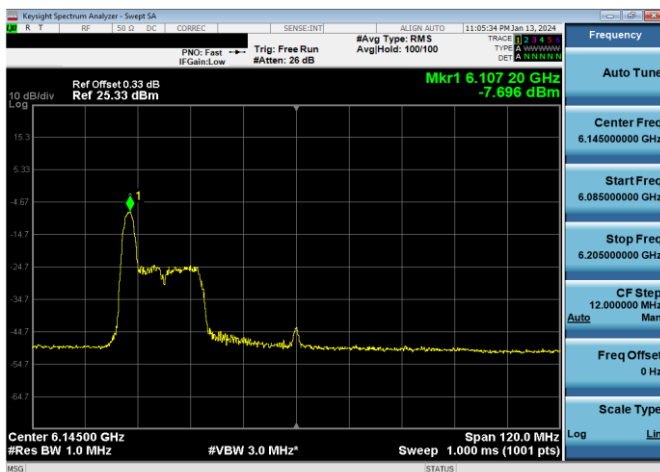
Plot 7-554. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



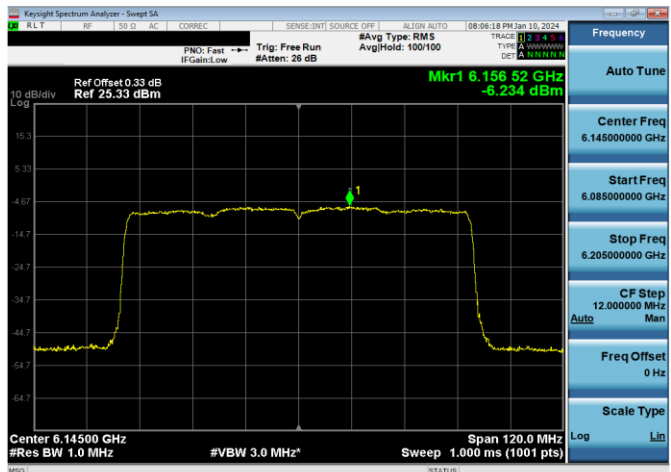
Plot 7-552. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



Plot 7-555. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

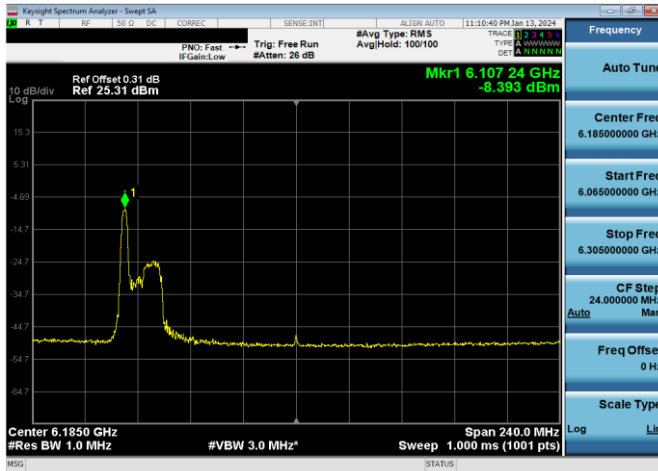


Plot 7-553. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



Plot 7-556. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

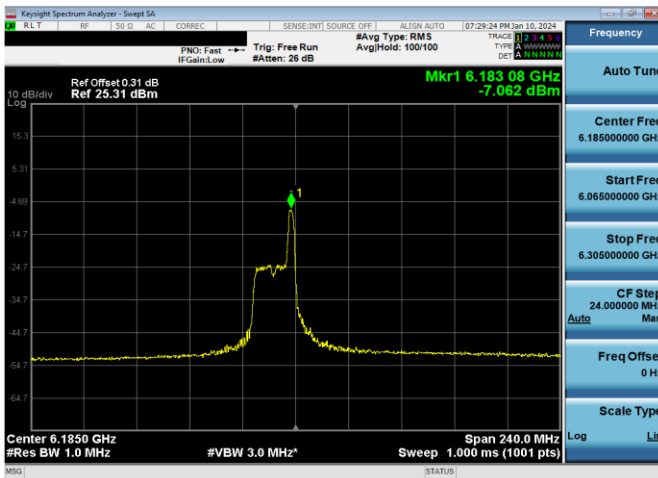
FCC ID: BCGA2899 IC: 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 198 of 607



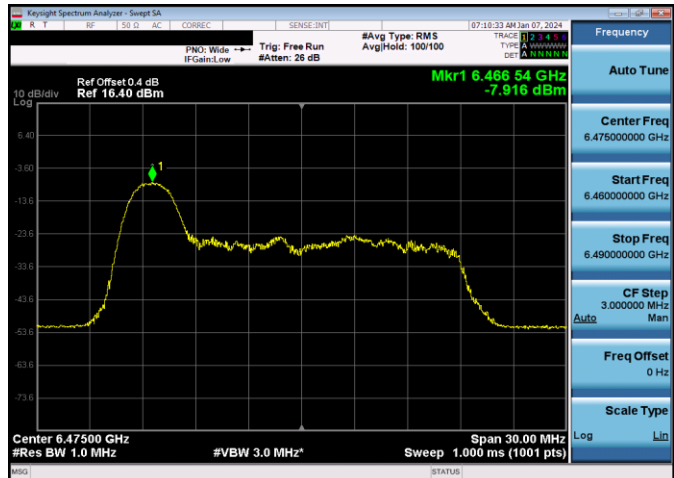
Plot 7-557. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



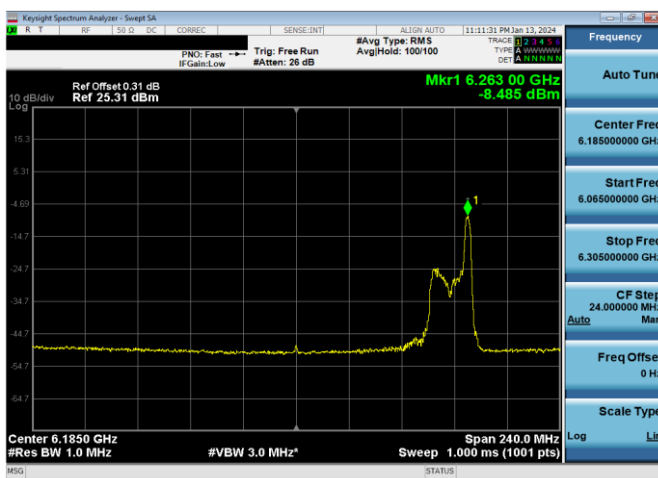
Plot 7-560. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



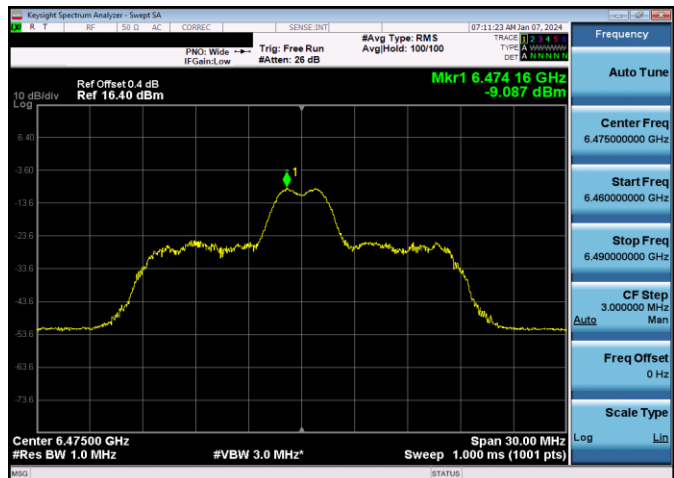
Plot 7-558. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-561. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

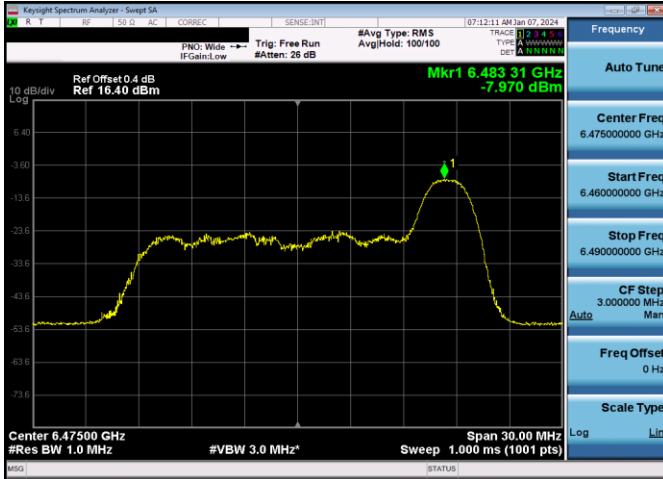


Plot 7-559. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

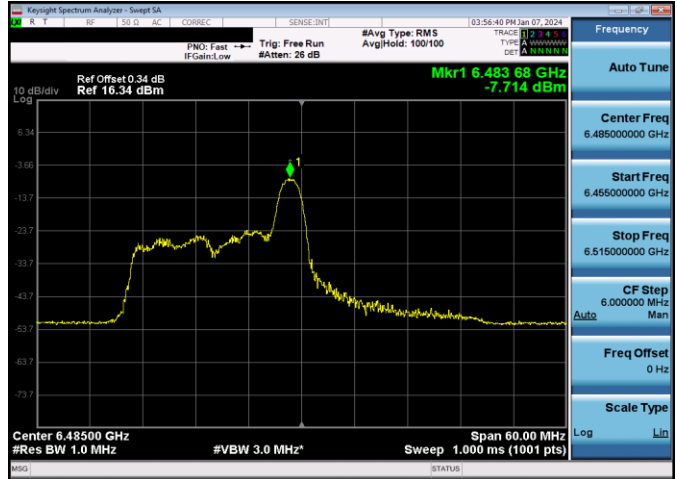


Plot 7-562. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

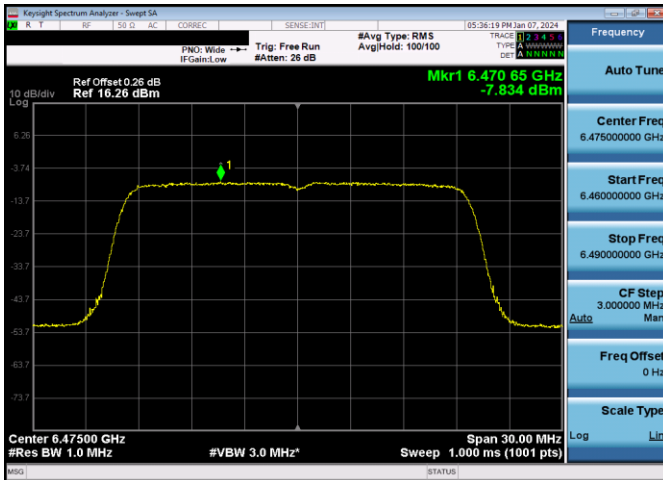
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 199 of 607



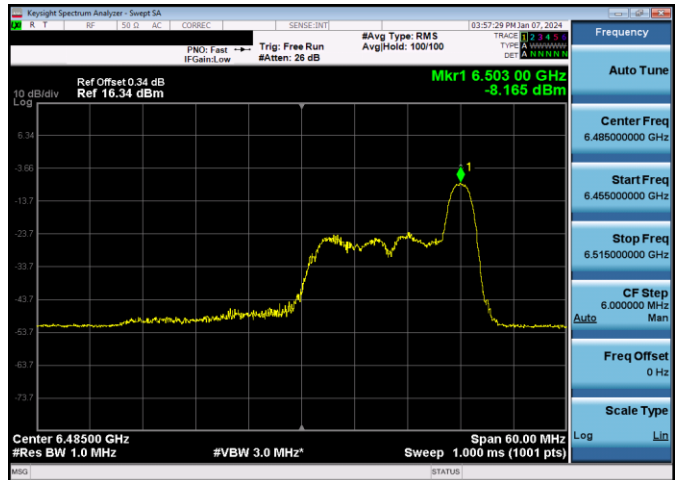
Plot 7-563. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11x RU26 (UNII Band 6) – Ch. 105)



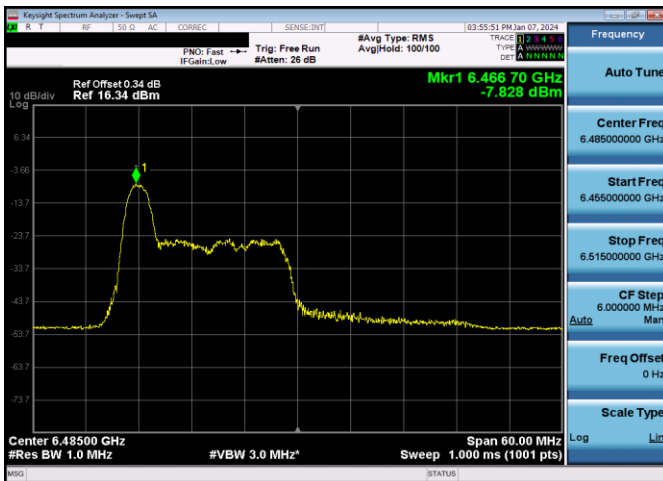
Plot 7-566. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU26 (UNII Band 6) – Ch. 107)



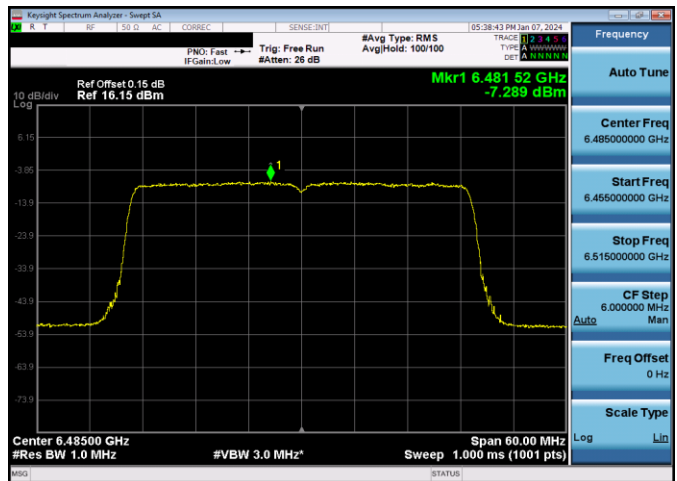
Plot 7-564. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11x RU242 (UNII Band 6) – Ch. 105)



Plot 7-567. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU26 (UNII Band 6) – Ch. 107)



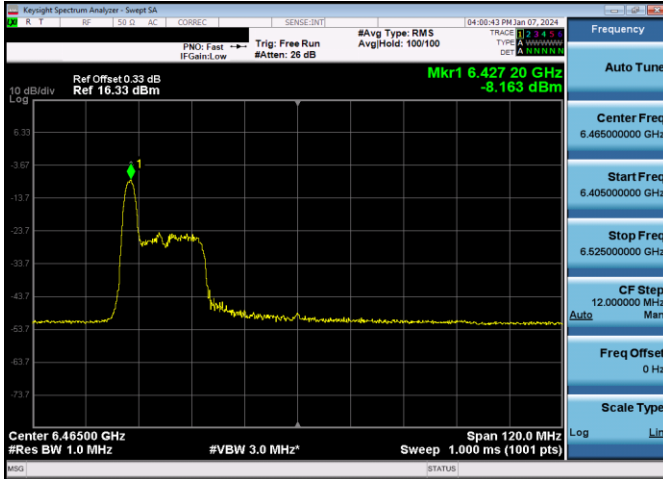
Plot 7-565. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU26 (UNII Band 6) – Ch. 107)



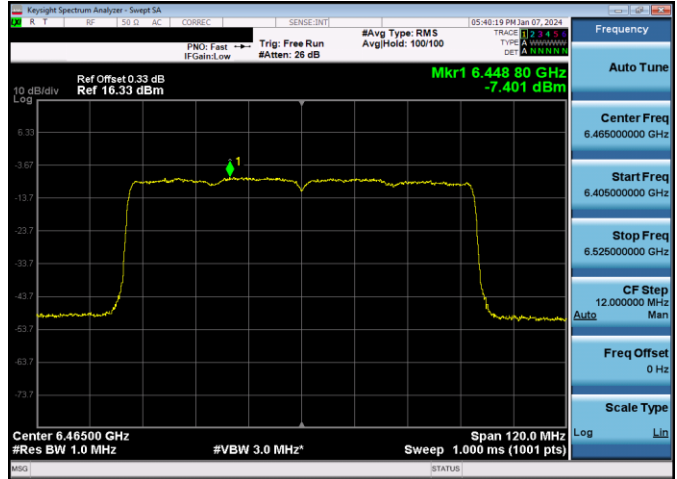
Plot 7-568. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU484 (UNII Band 6) – Ch. 107)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 200 of 607

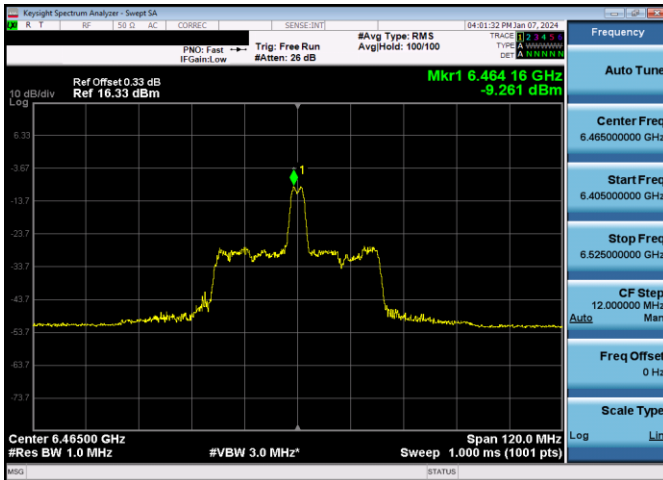




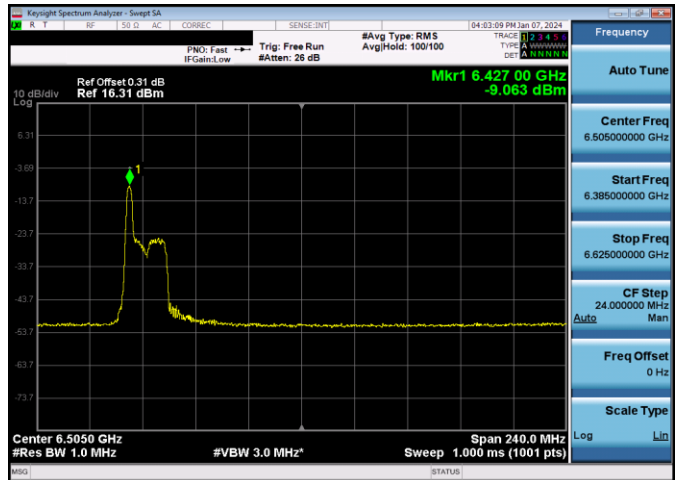
Plot 7-569. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



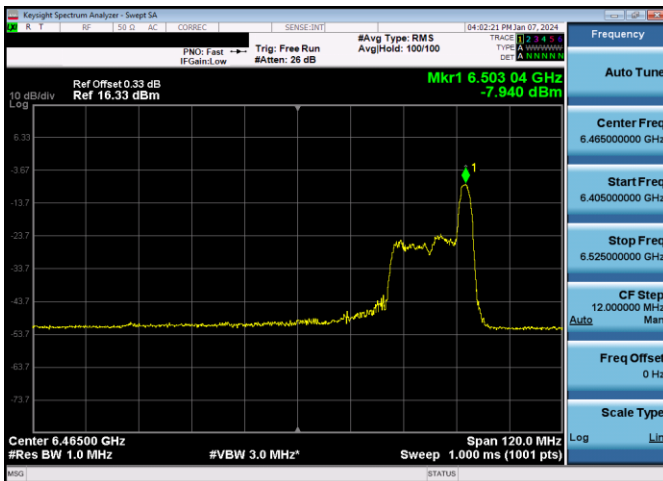
Plot 7-572. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



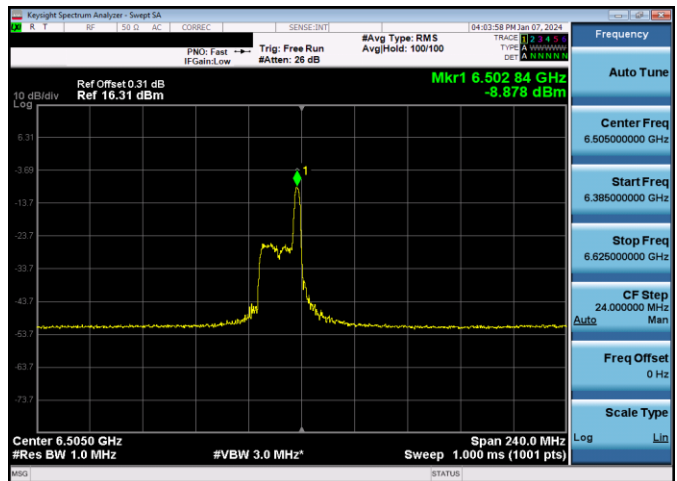
Plot 7-570. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-573. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

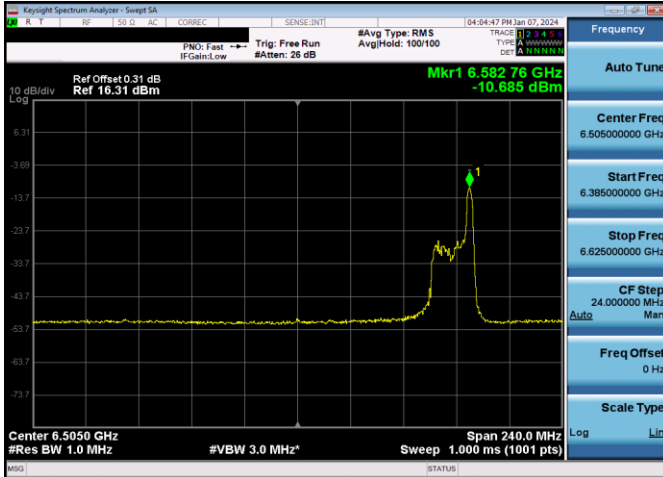


Plot 7-571. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)

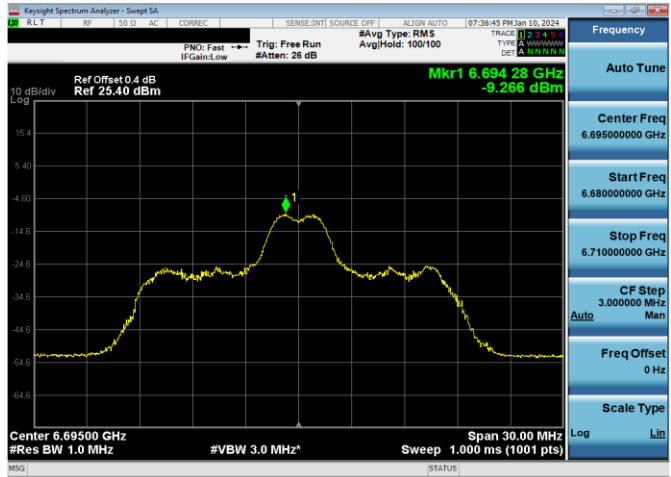


Plot 7-574. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

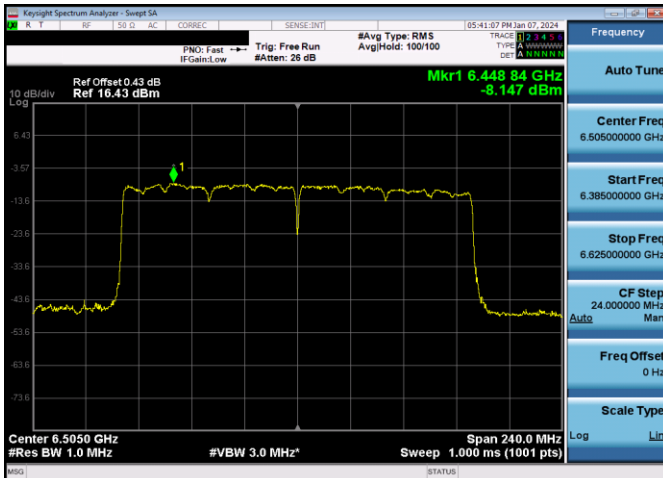
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 201 of 607



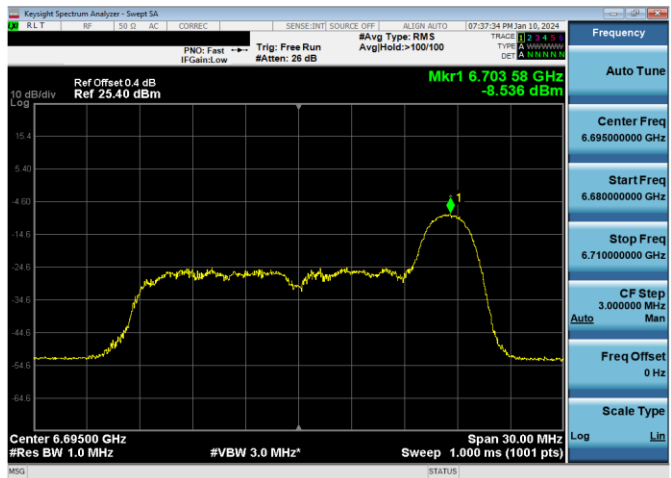
Plot 7-575. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



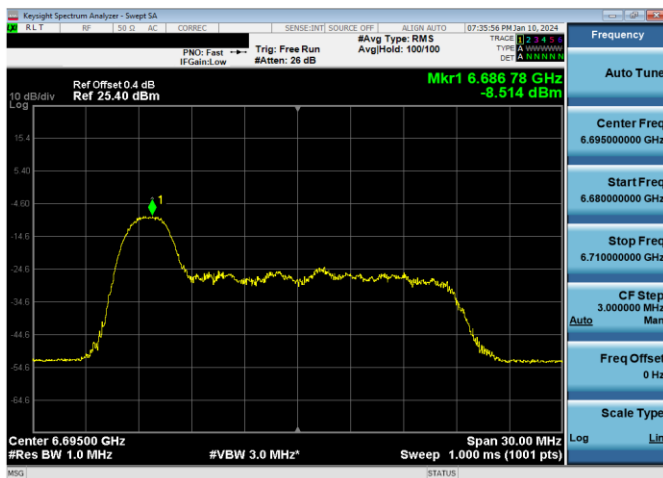
Plot 7-578. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



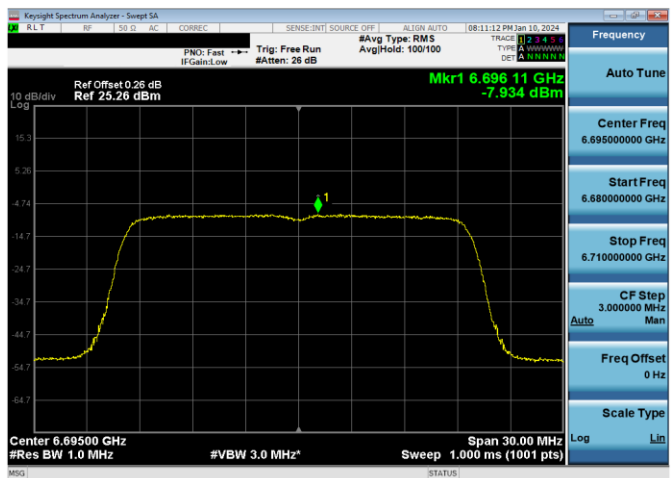
Plot 7-576. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)



Plot 7-579. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

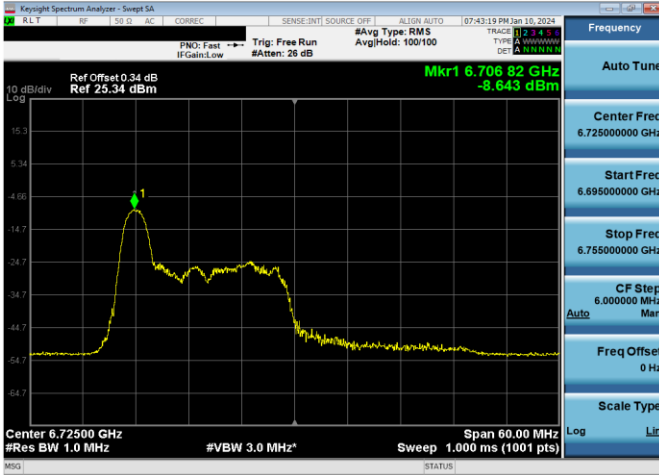


Plot 7-577. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

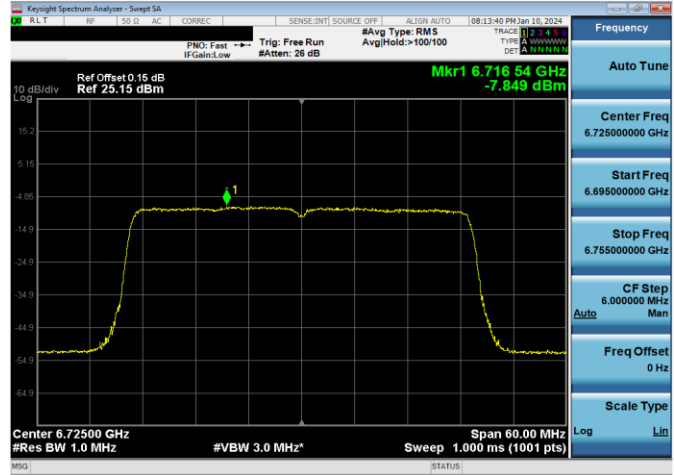


Plot 7-580. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)

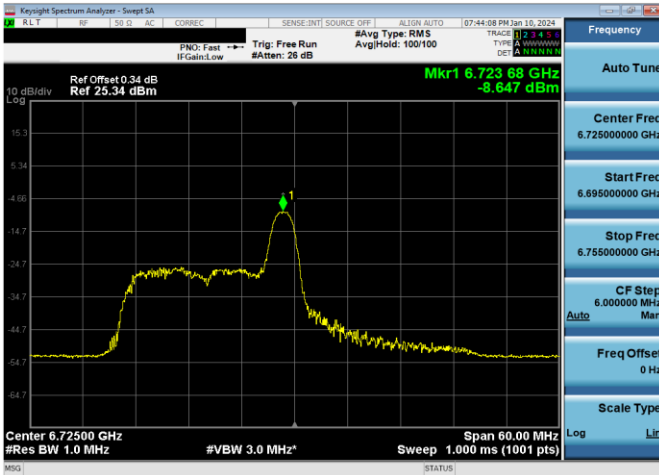
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 202 of 607



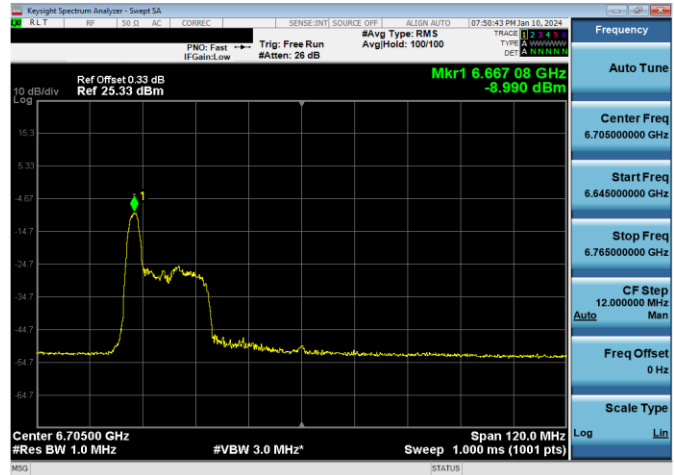
Plot 7-581. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU26 (UNII Band 7) – Ch. 155)



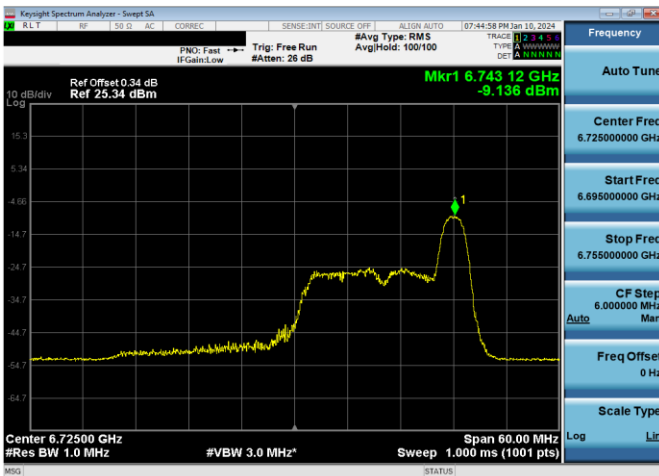
Plot 7-584. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU484 (UNII Band 7) – Ch. 155)



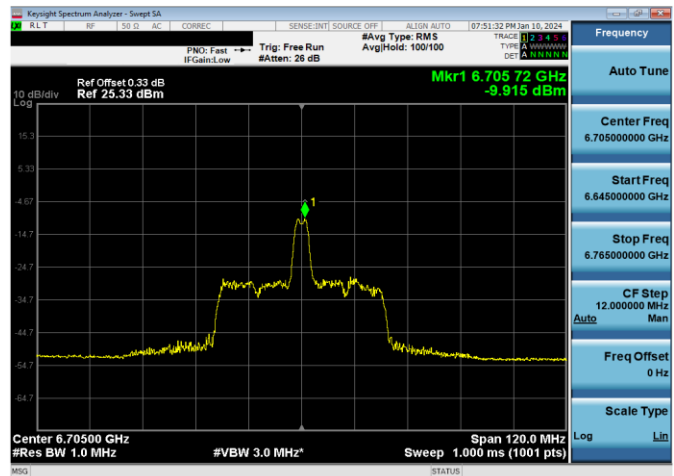
Plot 7-582. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU26 (UNII Band 7) – Ch. 155)



Plot 7-585. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11x RU26 (UNII Band 7) – Ch. 151)

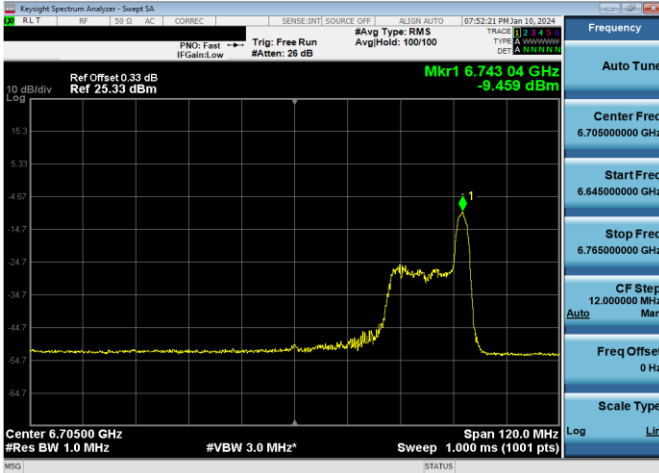


Plot 7-583. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU26 (UNII Band 7) – Ch. 155)

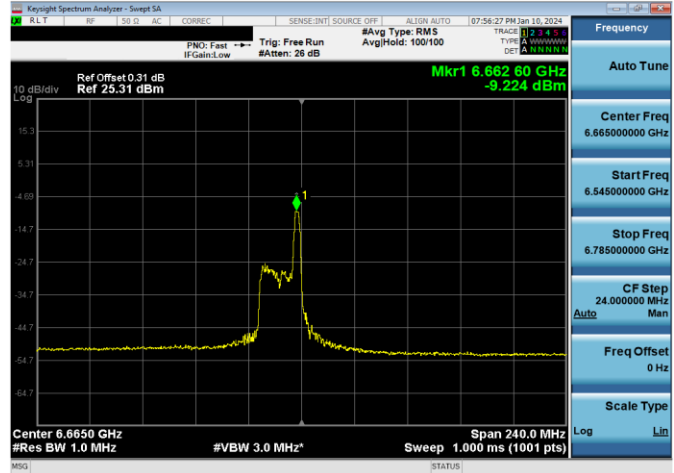


Plot 7-586. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11x RU26 (UNII Band 7) – Ch. 151)

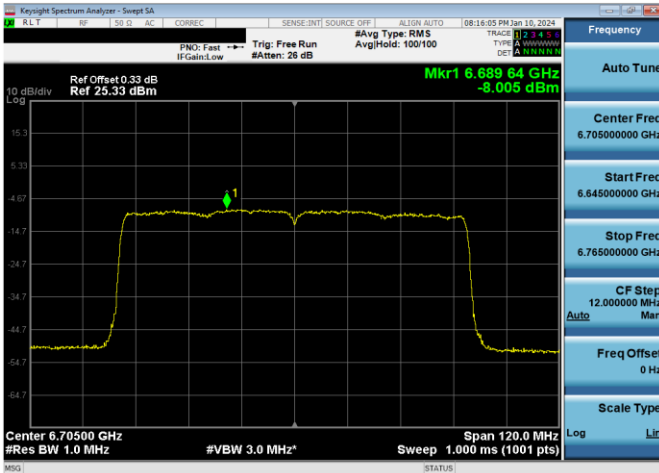
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 203 of 607



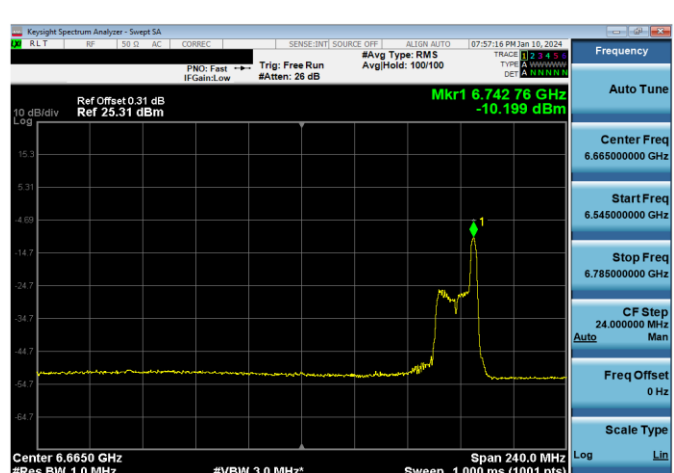
Plot 7-587. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



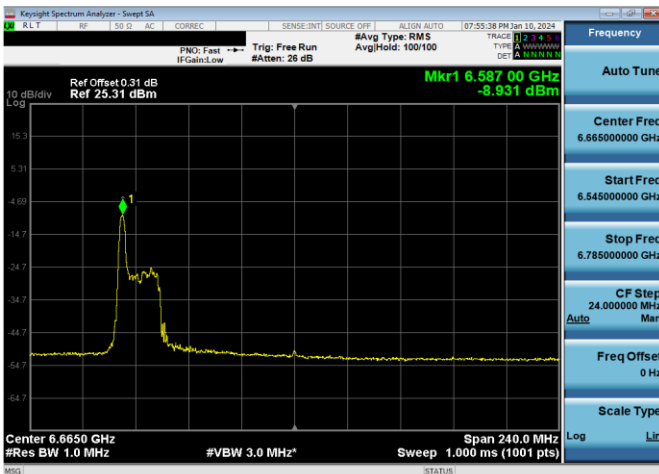
Plot 7-590. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



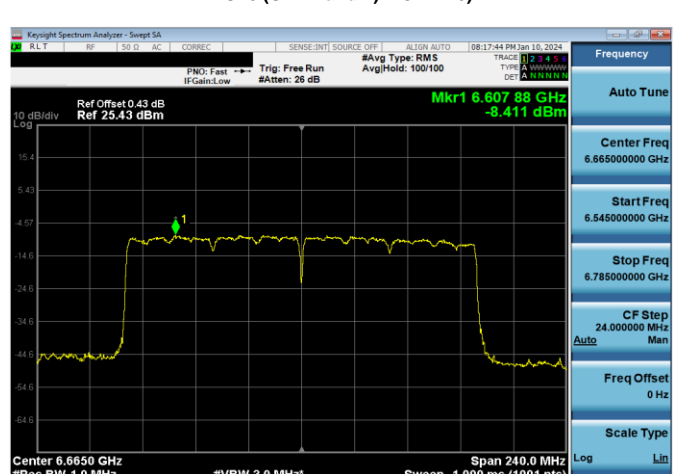
Plot 7-588. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-591. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

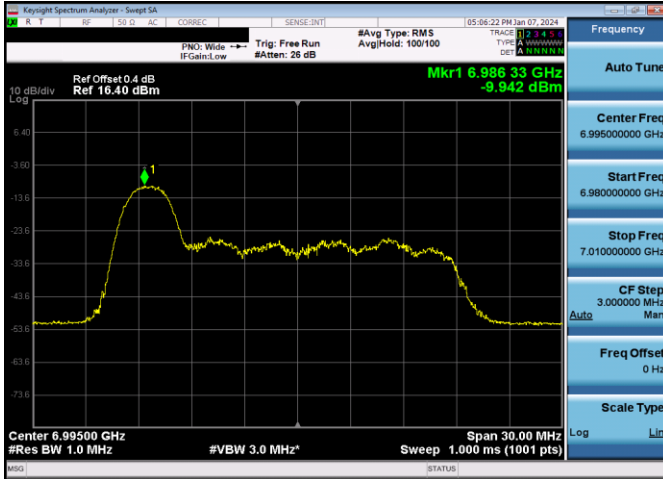


Plot 7-589. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

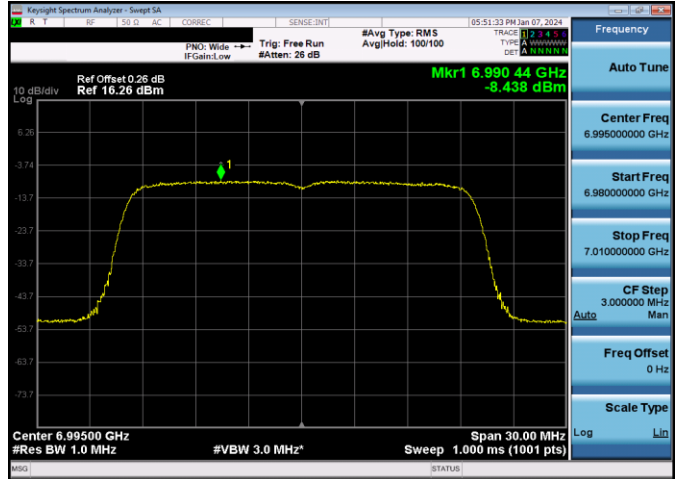


Plot 7-592. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

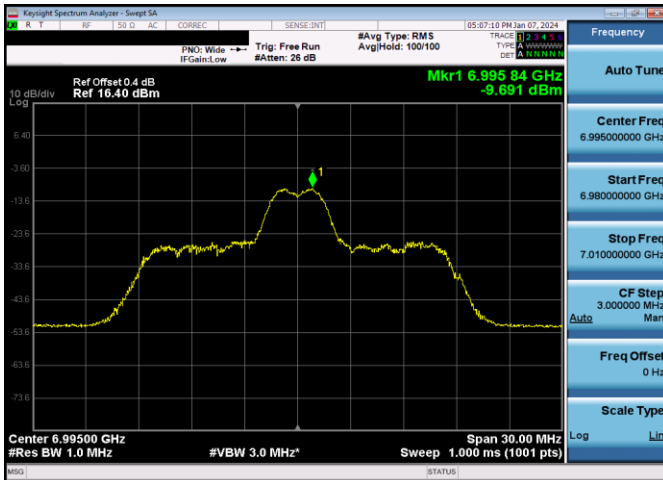
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 204 of 607



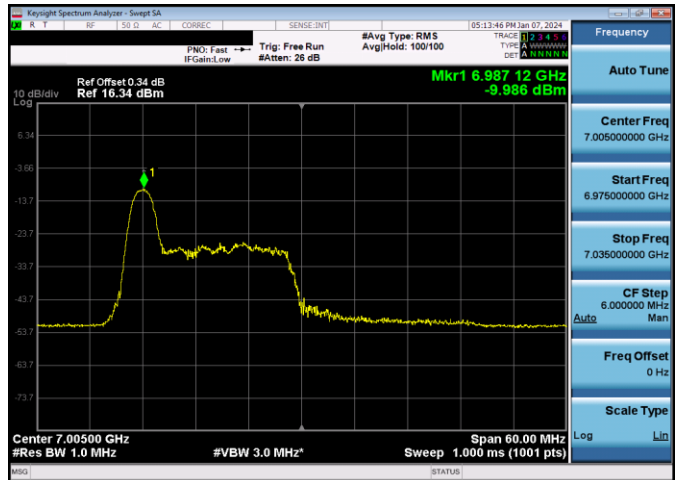
Plot 7-593. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11x RU26 (UNII Band 8) - Ch. 209)



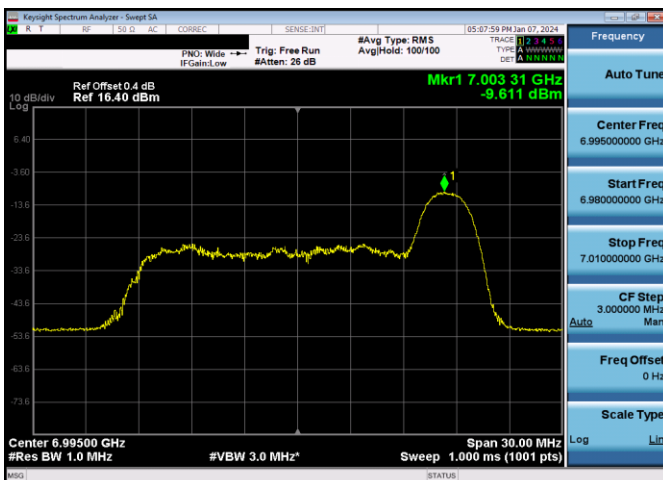
Plot 7-596. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11x RU242 (UNII Band 8) - Ch. 209)



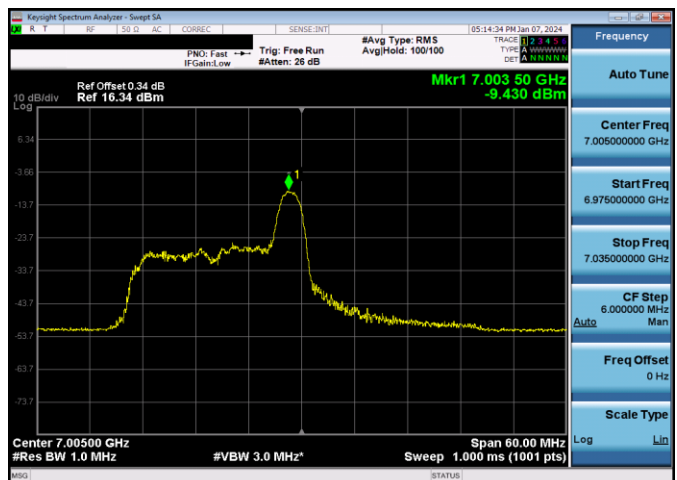
Plot 7-594. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11x RU26 (UNII Band 8) - Ch. 209)



Plot 7-597. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU26 (UNII Band 8) - Ch. 211)

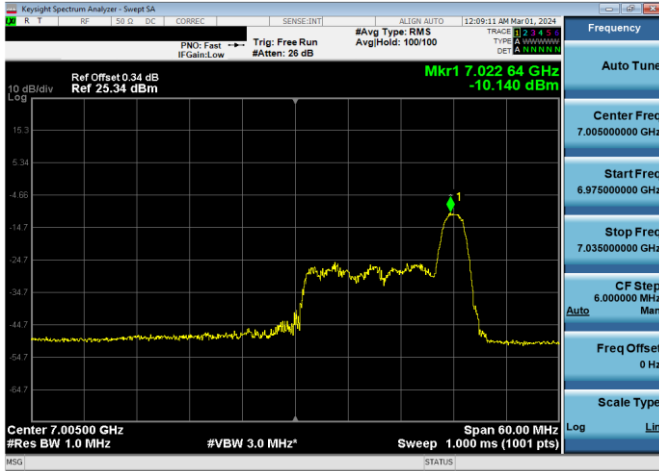


Plot 7-595. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11x RU26 (UNII Band 8) - Ch. 209)

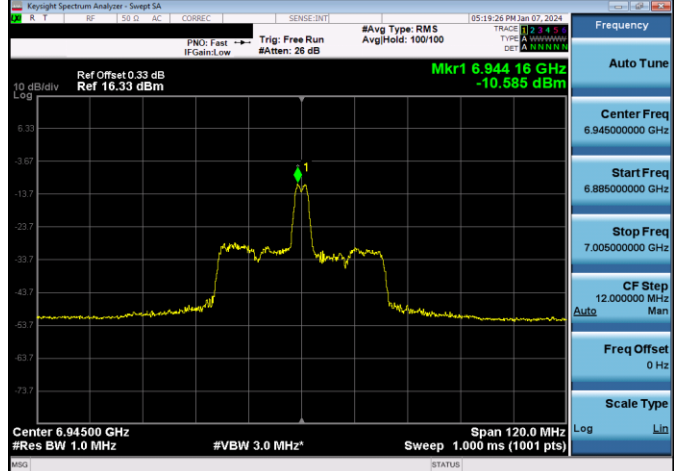


Plot 7-598. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11x RU26 (UNII Band 8) - Ch. 211)

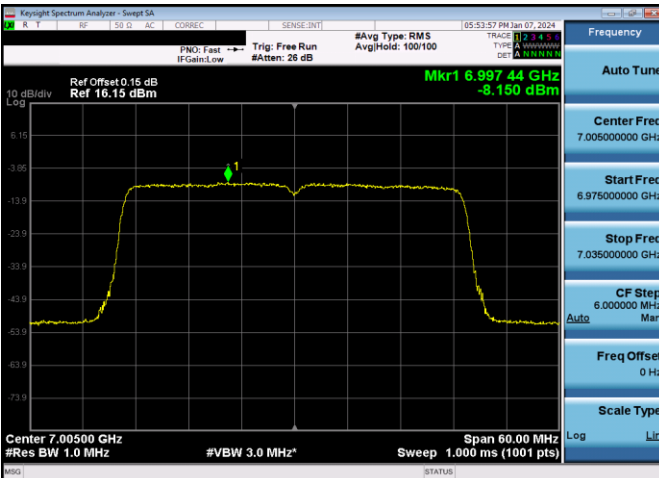
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 205 of 607



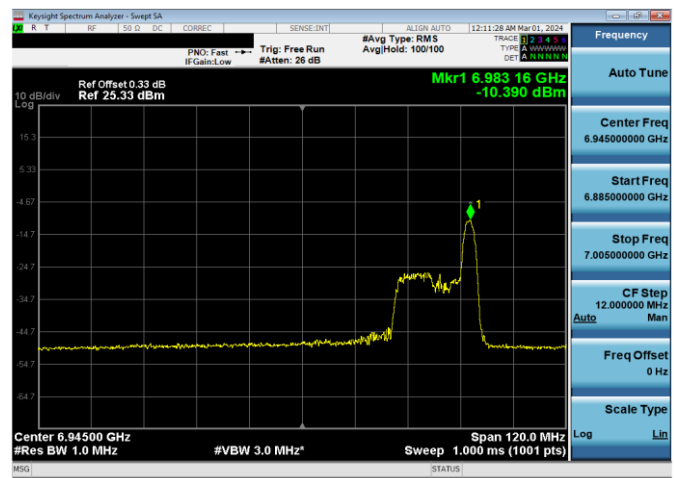
Plot 7-599. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



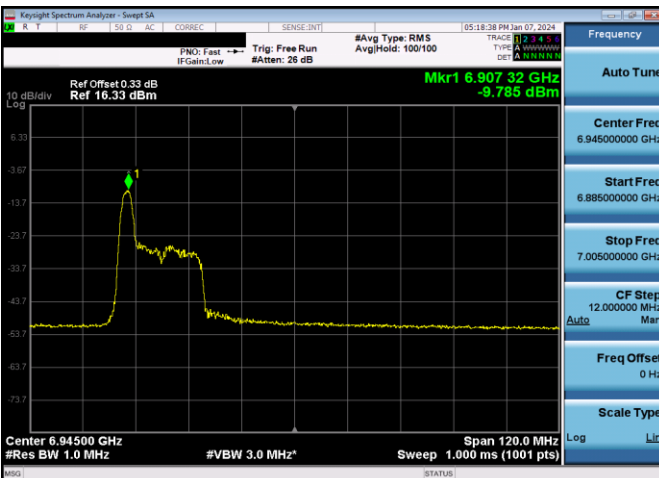
Plot 7-602. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



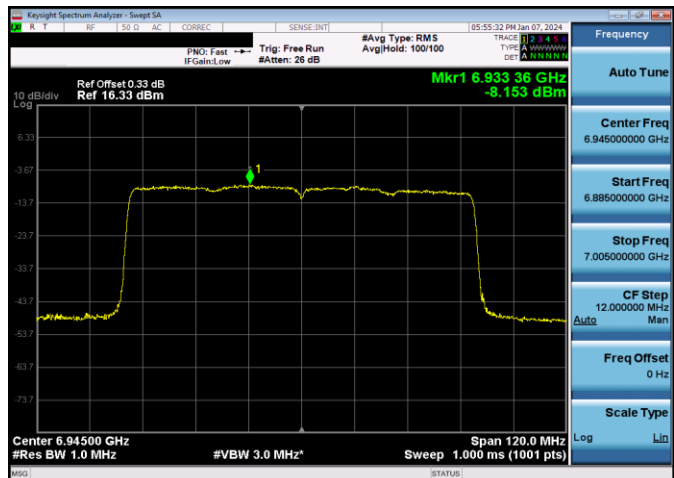
Plot 7-600. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)



Plot 7-603. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

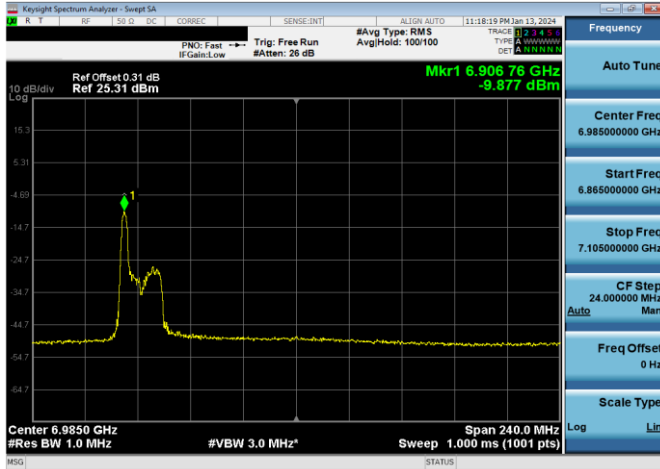


Plot 7-601. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

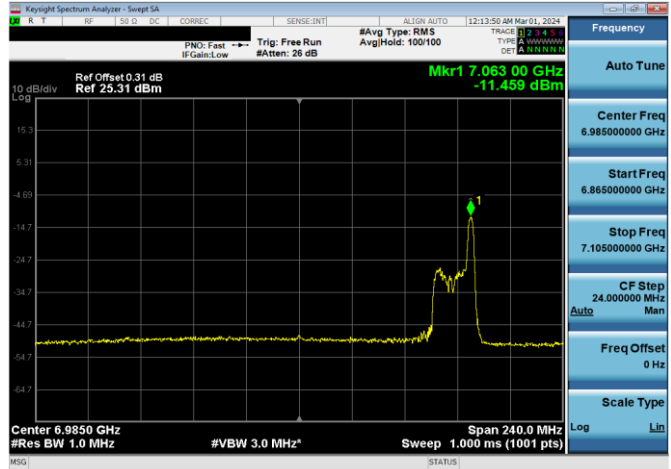


Plot 7-604. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)

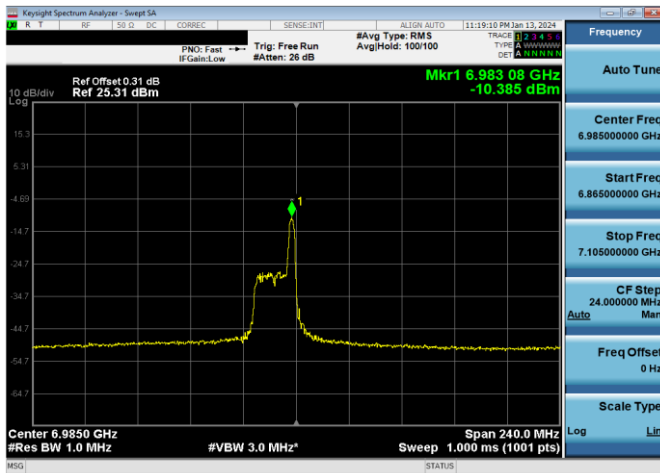
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 206 of 607



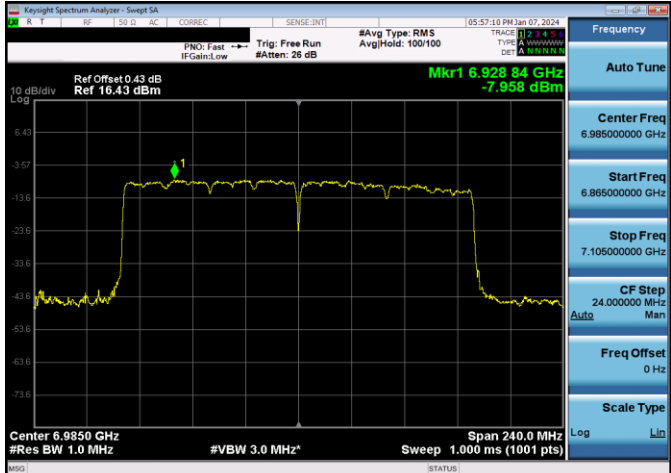
Plot 7-605. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-607. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-606. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-608. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

<b>FCC ID:</b> BCGA2899 <b>IC:</b> 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270066-27-R3.BCG			<b>Test Dates:</b> 11/29/2023 - 04/05/2024

## 7.4.9 SDM Primary LPI Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 1T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]	
Band 5	5955	1	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-8.79	-9.38	-6.06	1.99	-4.07	-1	-3.07	
	5955	1	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-9.97	-10.13	-7.04	1.99	-5.04	-1	-4.04	
	5955	1	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.18	-9.39	-6.27	1.99	-4.28	-1	-3.28	
	6175	45	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.02	-8.72	-5.86	1.99	-3.86	-1	-2.86	
	6175	45	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-9.28	-9.83	-6.54	1.99	-4.54	-1	-3.54	
	6175	45	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-8.53	-8.72	-5.61	1.99	-3.62	-1	-2.62	
	6415	93	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-8.90	-8.94	-5.91	1.99	-3.91	-1	-2.91	
	6415	93	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-9.62	-9.89	-6.74	1.99	-4.75	-1	-3.75	
	6415	93	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-8.64	-9.63	-6.09	1.99	-4.10	-1	-3.10	
	5965	3	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-8.94	-9.64	-6.27	1.99	-4.27	-1	-3.27	
	5965	3	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.14	-9.37	-6.24	1.99	-4.25	-1	-3.25	
	5965	3	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.19	-9.15	-6.16	1.99	-4.17	-1	-3.17	
	6165	43	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-8.48	-9.26	-5.84	1.99	-3.85	-1	-2.85	
	6165	43	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-7.96	-8.90	-5.39	1.99	-3.40	-1	-2.40	
	6165	43	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-8.23	-9.02	-5.60	1.99	-3.60	-1	-2.60	
	6165	91	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-8.71	-9.14	-5.91	1.99	-3.92	-1	-2.92	
	6165	91	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.14	-9.41	-6.26	1.99	-4.27	-1	-3.27	
	6165	91	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-8.70	-8.86	-5.77	1.99	-3.78	-1	-2.78	
	5985	7	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-8.55	-9.25	-5.88	1.99	-3.88	-1	-2.88	
	5985	7	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-9.72	-10.69	-7.17	1.99	-5.17	-1	-4.17	
	5985	7	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-10.50	-9.45	-6.93	1.99	-4.94	-1	-3.94	
	6145	39	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-8.13	-9.02	-5.54	1.99	-3.55	-1	-2.55	
	6145	39	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-9.10	-10.02	-6.53	1.99	-4.53	-1	-3.53	
	6145	39	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-7.87	-9.33	-5.53	1.99	-3.54	-1	-2.54	
	6385	87	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-8.16	-8.53	-5.33	1.99	-3.34	-1	-2.34	
	6385	87	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.44	-10.47	-7.44	1.99	-5.45	-1	-4.45	
	6385	87	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-8.17	-8.51	-5.32	1.99	-3.33	-1	-2.33	
	6025	15	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-8.65	-8.54	-5.58	1.99	-3.59	-1	-2.59	
	6025	15	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-8.60	-9.07	-5.82	1.99	-3.82	-1	-2.82	
	6025	15	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-8.97	-8.96	-5.95	1.99	-3.96	-1	-2.96	
	6185	47	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-8.23	-8.90	-5.54	1.99	-3.55	-1	-2.55	
	6185	47	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-8.46	-7.92	-5.17	1.99	-3.18	-1	-2.18	
	6185	47	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-8.52	-8.85	-5.67	1.99	-3.68	-1	-2.68	
	6345	79	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-9.48	-9.01	-6.23	1.99	-4.24	-1	-3.24	
	6345	79	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-9.38	-8.52	-5.92	1.99	-3.92	-1	-2.92	
	6345	79	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-9.42	-8.14	-5.72	1.99	-3.73	-1	-2.73	
	Band 6	6345	97	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.78	-10.84	-7.27	1.79	-5.48	-1	-4.48
		6345	97	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.28	-11.07	-7.65	1.79	-5.86	-1	-4.86
		6345	97	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.34	-10.21	-6.74	1.79	-4.95	-1	-3.95
		6475	105	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.17	-10.35	-6.71	1.79	-4.92	-1	-3.92
6475		105	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.39	-11.67	-7.97	1.79	-6.18	-1	-5.18	
6475		105	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.31	-10.46	-6.84	1.79	-5.05	-1	-4.05	
6515		113	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.88	-10.08	-6.97	1.79	-5.18	-1	-4.18	
6515		113	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.55	-11.28	-7.89	1.79	-6.10	-1	-5.10	
6515		113	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.40	-10.77	-7.02	1.79	-5.23	-1	-4.23	
6445		99	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.55	-10.87	-7.15	1.79	-5.36	-1	-4.36	
6445		99	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.78	-10.39	-7.07	1.79	-5.28	-1	-4.28	
6445		99	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.44	-10.22	-6.80	1.79	-5.01	-1	-4.01	
6485		107	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.05	-10.19	-6.57	1.79	-4.78	-1	-3.78	
6485		107	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.59	-11.75	-7.53	1.79	-5.74	-1	-4.74	
6485		107	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.64	-11.15	-7.32	1.79	-5.53	-1	-4.53	
6525		115	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-10.34	-10.67	-7.49	1.79	-5.70	-1	-4.70	
6525		115	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.98	-10.73	-7.33	1.79	-5.54	-1	-4.54	
6525		115	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-10.45	-11.24	-7.81	1.79	-6.02	-1	-5.02	
6465		103	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-9.09	-9.40	-6.23	1.79	-4.44	-1	-3.44	
6465		103	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.81	-11.94	-8.33	1.79	-6.54	-1	-5.54	
6465		103	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-9.92	-10.23	-7.06	1.79	-5.27	-1	-4.27	
6505		111	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-10.02	-10.65	-7.31	1.79	-5.52	-1	-4.52	
6505		111	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-10.27	-11.43	-7.80	1.79	-6.01	-1	-5.01	
6505		111	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-10.91	-11.18	-8.03	1.79	-6.24	-1	-5.24	

Table 7-150. Bands 5, 6 LPI Power Spectral Density Measurements SDM Primary (RU26)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 208 of 607



	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]	
Band 7	6535	117	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.33	-10.08	-6.68	2.87	-3.81	-1	-2.81	
	6535	117	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.71	-10.75	-7.72	2.87	-4.85	-1	-3.85	
	6535	117	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-10.16	-10.11	-7.12	2.87	-4.26	-1	-3.26	
	6695	149	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.78	-9.81	-6.78	2.87	-3.91	-1	-2.91	
	6695	149	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.40	-10.69	-7.53	2.87	-4.66	-1	-3.66	
	6695	149	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.98	-10.04	-7.00	2.87	-4.13	-1	-3.13	
	6875	185	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.96	-10.60	-7.26	2.87	-4.39	-1	-3.39	
	6875	185	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.46	-11.16	-7.79	2.87	-4.92	-1	-3.92	
	6875	185	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-10.20	-10.50	-7.34	2.87	-4.47	-1	-3.47	
	6565	123	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.97	-10.34	-7.14	2.87	-4.27	-1	-3.27	
	6565	123	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.05	-10.49	-7.25	2.87	-4.38	-1	-3.38	
	6565	123	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.99	-10.47	-7.21	2.87	-4.35	-1	-3.35	
	6725	155	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.15	-9.87	-6.48	2.87	-3.62	-1	-2.62	
	6725	155	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.80	-10.12	-6.95	2.87	-4.08	-1	-3.08	
	6725	155	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.94	-10.29	-7.10	2.87	-4.23	-1	-3.23	
	6845	179	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.83	-10.08	-6.94	2.87	-4.07	-1	-3.07	
	6845	179	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.05	-10.38	-7.20	2.87	-4.34	-1	-3.34	
	6845	179	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.50	-10.71	-7.05	2.87	-4.18	-1	-3.18	
	6545	119	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-9.85	-10.23	-7.02	2.87	-4.16	-1	-3.16	
	6545	119	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.51	-11.01	-7.74	2.87	-4.87	-1	-3.87	
	6545	119	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-9.70	-10.47	-7.06	2.87	-4.19	-1	-3.19	
	6705	151	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-10.38	-9.83	-7.09	2.87	-4.22	-1	-3.22	
	6705	151	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.87	-11.35	-8.10	2.87	-5.23	-1	-4.23	
	6705	151	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-9.79	-10.02	-6.89	2.87	-4.02	-1	-3.02	
	6865	183	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-9.72	-9.94	-6.81	2.87	-3.95	-1	-2.95	
	6865	183	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.49	-11.89	-8.12	2.87	-5.26	-1	-4.26	
	6865	183	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-10.05	-10.60	-7.30	2.87	-4.43	-1	-3.43	
	6665	143	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-9.14	-10.46	-6.74	2.87	-3.87	-1	-2.87	
	6665	143	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-9.92	-10.13	-7.02	2.87	-4.15	-1	-3.15	
	6665	143	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-9.52	-10.21	-6.84	2.87	-3.97	-1	-2.97	
	6825	175	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-10.09	-9.97	-7.02	2.87	-4.15	-1	-3.15	
	6825	175	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-10.21	-10.02	-7.10	2.87	-4.23	-1	-3.23	
	6825	175	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-10.65	-9.58	-7.07	2.87	-4.20	-1	-3.20	
	Band 8	6895	189	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-10.83	-9.55	-7.14	3.01	-4.12	-1	-3.12
		6895	189	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-11.49	-11.59	-8.53	3.01	-5.51	-1	-4.51
		6895	189	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-10.13	-11.02	-7.54	3.01	-4.53	-1	-3.53
6995		209	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-10.13	-10.87	-7.47	3.01	-4.46	-1	-3.46	
6995		209	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.83	-11.41	-8.10	3.01	-5.09	-1	-4.09	
6995		209	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.96	-10.85	-7.37	3.01	-4.35	-1	-3.35	
7115		233	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-10.38	-11.48	-7.89	3.01	-4.87	-1	-3.87	
7115		233	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-11.01	-10.70	-7.84	3.01	-4.83	-1	-3.83	
7115		233	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-10.31	-10.78	-7.53	3.01	-4.52	-1	-3.52	
6885		187	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-10.23	-10.42	-7.32	3.01	-4.30	-1	-3.30	
6885		187	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.23	-10.20	-7.20	3.01	-4.19	-1	-3.19	
6885		187	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-10.11	-11.01	-7.53	3.01	-4.51	-1	-3.51	
7005		211	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.98	-11.02	-7.46	3.01	-4.44	-1	-3.44	
7005		211	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.56	-11.17	-7.85	3.01	-4.83	-1	-3.83	
7005		211	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-10.58	-10.85	-7.70	3.01	-4.69	-1	-3.69	
7085		227	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.99	-10.66	-7.30	3.01	-4.29	-1	-3.29	
7085		227	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.14	-10.88	-7.48	3.01	-4.47	-1	-3.47	
7085		227	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-10.32	-11.46	-7.85	3.01	-4.83	-1	-3.83	
6945		199	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-9.94	-11.12	-7.48	3.01	-4.46	-1	-3.46	
6945		199	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-11.58	-11.61	-8.59	3.01	-5.57	-1	-4.57	
6945		199	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-10.47	-11.10	-7.76	3.01	-4.75	-1	-3.75	
7025		215	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-10.83	-10.54	-7.67	3.01	-4.66	-1	-3.66	
7025		215	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-11.15	-12.28	-8.66	3.01	-5.65	-1	-4.65	
7025		215	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-10.37	-11.06	-7.69	3.01	-4.68	-1	-3.68	
6985	207	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-10.89	-10.34	-7.60	3.01	-4.58	-1	-3.58		
6985	207	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-10.84	-10.72	-7.77	3.01	-4.76	-1	-3.76		
6985	207	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-11.61	-10.39	-7.94	3.01	-4.93	-1	-3.93		

Table 7-151. Bands 7, 8 LPI Power Spectral Density Measurements SDM Primary (RU26)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 209 of 607

	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]	
Band 5	5955	1	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.17	-8.80	-5.46	1.99	-3.47	-1	-2.47
	6175	45	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-7.78	-8.07	-4.91	1.99	-2.92	-1	-1.92
	6415	93	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-7.89	-8.28	-5.07	1.99	-3.08	-1	-2.08
	5965	3	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.31	-8.43	-5.36	1.99	-3.36	-1	-2.36
	6165	43	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-7.66	-7.93	-4.78	1.99	-2.79	-1	-1.79
	6165	91	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-7.84	-8.51	-5.15	1.99	-3.16	-1	-2.16
	5985	7	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-7.99	-8.27	-5.12	1.99	-3.12	-1	-2.12
	6145	39	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-7.48	-7.73	-4.59	1.99	-2.60	-1	-1.60
	6385	87	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-7.84	-7.76	-4.79	1.99	-2.80	-1	-1.80
	6025	15	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-8.57	-8.34	-5.45	1.99	-3.45	-1	-2.45
	6185	47	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-7.57	-7.81	-4.68	1.99	-2.68	-1	-1.68
	6345	79	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-8.25	-8.20	-5.21	1.99	-3.22	-1	-2.22
Band 6	6345	97	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.94	-8.73	-5.83	1.79	-4.04	-1	-3.04
	6475	105	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.84	-9.43	-6.11	1.79	-4.32	-1	-3.32
	6515	113	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-9.26	-8.75	-5.99	1.79	-4.20	-1	-3.20
	6445	99	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.85	-8.31	-5.56	1.79	-3.77	-1	-2.77
	6485	107	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.80	-8.24	-5.50	1.79	-3.71	-1	-2.71
	6525	115	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.77	-9.30	-6.52	1.79	-4.73	-1	-3.73
	6465	103	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-8.96	-8.16	-5.53	1.79	-3.74	-1	-2.74
	6505	111	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-9.08	-8.64	-5.85	1.79	-4.06	-1	-3.06
	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.95	-9.12	-6.02	2.87	-3.15	-1	-2.15
	6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.71	-8.61	-5.65	2.87	-2.78	-1	-1.78
Band 7	6875	185	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.71	-9.22	-5.95	2.87	-3.08	-1	-2.08
	6565	123	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.13	-9.58	-6.34	2.87	-3.47	-1	-2.47
	6725	155	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.00	-9.07	-6.03	2.87	-3.16	-1	-2.16
	6845	179	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.26	-9.32	-6.28	2.87	-3.41	-1	-2.41
	6545	119	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-8.90	-9.29	-6.08	2.87	-3.21	-1	-2.21
	6705	151	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-9.30	-8.96	-6.12	2.87	-3.25	-1	-2.25
	6865	183	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-8.98	-9.55	-6.24	2.87	-3.37	-1	-2.37
	6665	143	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-9.37	-9.25	-6.30	2.87	-3.43	-1	-2.43
	6825	175	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-8.94	-9.24	-6.08	2.87	-3.21	-1	-2.21
	6895	189	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.33	-9.29	-7.18	3.01	-4.17	-1	-3.17
	6995	209	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.18	-9.09	-7.00	3.01	-3.99	-1	-2.99
	7115	233	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.38	-9.64	-7.41	3.01	-4.40	-1	-3.40
Band 8	6885	187	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.15	-9.23	-6.18	3.01	-3.16	-1	-2.16
	7005	211	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.16	-9.76	-6.44	3.01	-3.43	-1	-2.43
	7085	227	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.28	-9.31	-6.29	3.01	-3.27	-1	-2.27
	6945	199	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-9.10	-8.89	-5.98	3.01	-2.97	-1	-1.97
	7025	215	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-8.63	-8.77	-5.69	3.01	-2.68	-1	-1.68
	6985	207	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-8.79	-8.73	-5.75	3.01	-2.74	-1	-1.74

**Table 7-152. LPI Power Spectral Density Measurements SDM Primary (Fully-loaded RU)**

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 210 of 607