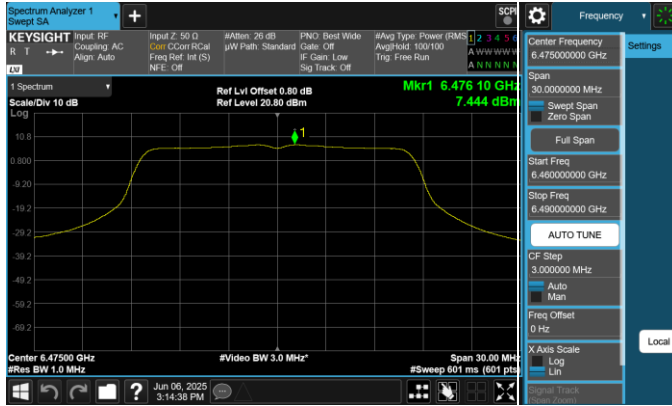




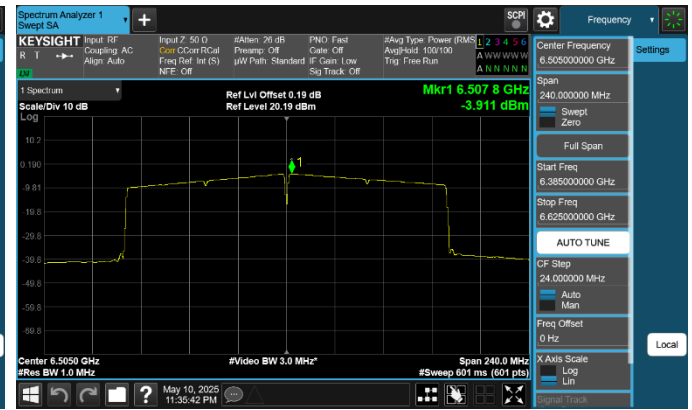
Plot 7-61. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 6) – Ch. 105)



Plot 7-63. Power Spectral Density Plot Antenna 0 (80MHz 802.11ax (UNII Band 6) – Ch. 103)

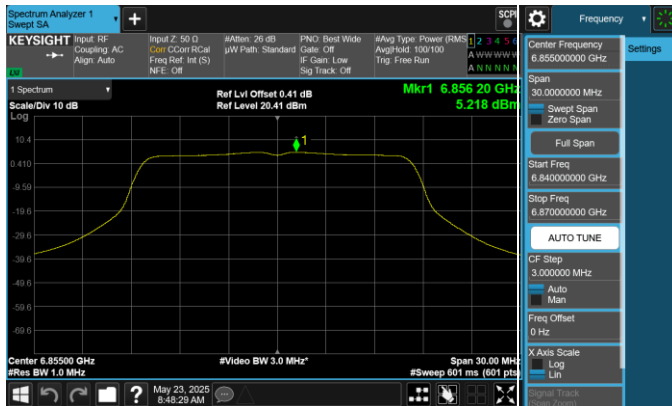


Plot 7-62. Power Spectral Density Plot Antenna 0 (40MHz 802.11ax (UNII Band 6) – Ch. 107)

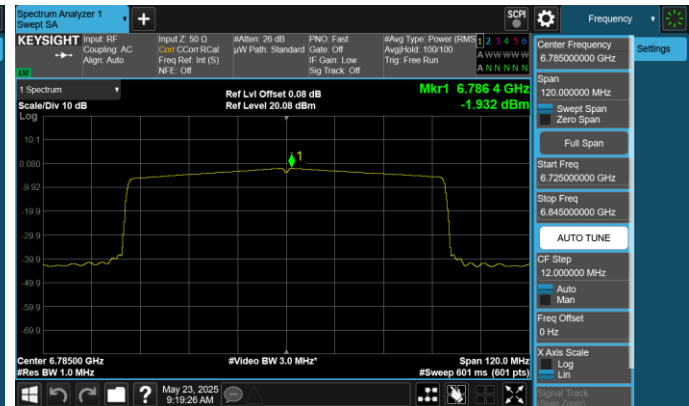


Plot 7-64. Power Spectral Density Plot Antenna 0 (160MHz 802.11ax (UNII Band 6) – Ch. 111)

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 53 of 171



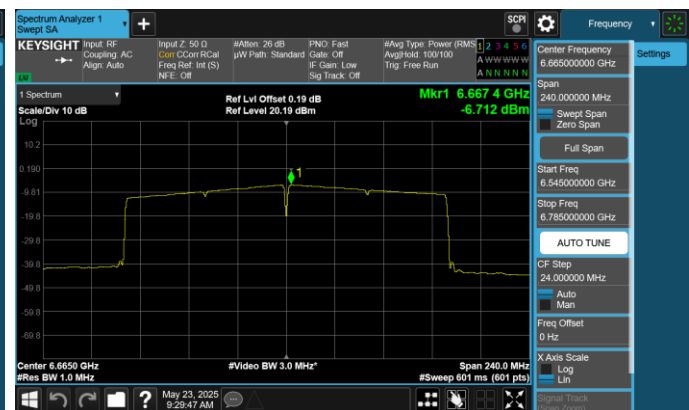
Plot 7-65. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 7) – Ch. 181)



Plot 7-67. Power Spectral Density Plot Antenna 0 (80MHz 802.11ax (UNII Band 7) – Ch. 167)



Plot 7-66. Power Spectral Density Plot Antenna 0 (40MHz 802.11ax (UNII Band 7) – Ch. 179)



Plot 7-68. Power Spectral Density Plot Antenna 0 (160MHz 802.11ax (UNII Band 7) – Ch. 143)

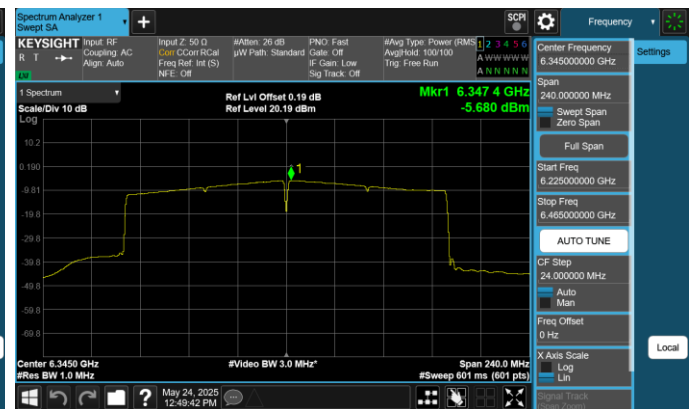
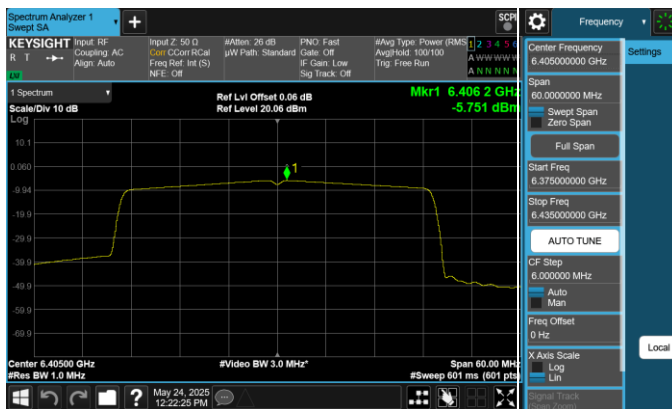
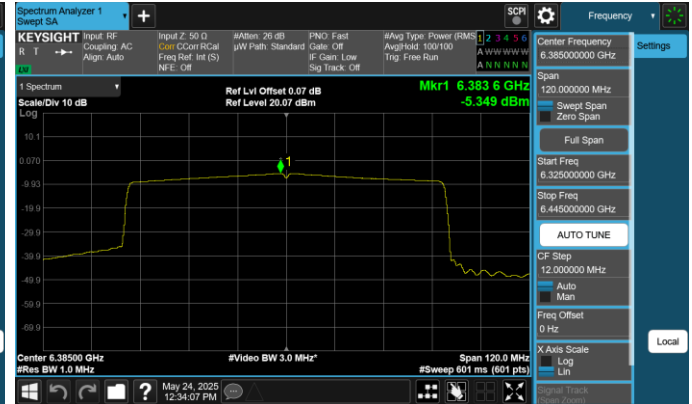
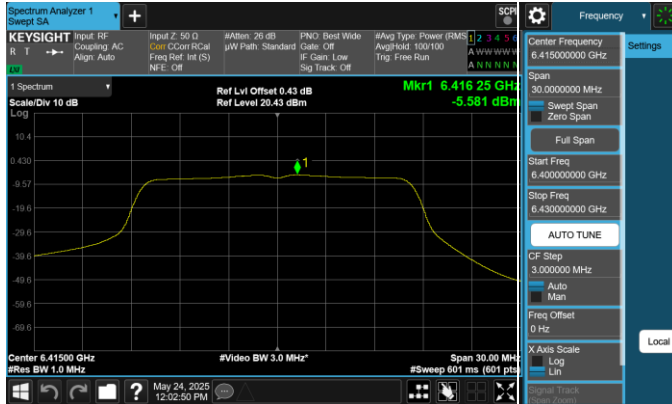
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 54 of 171

7.4.2 Antenna 0 Power Spectral Density Measurements – LPI

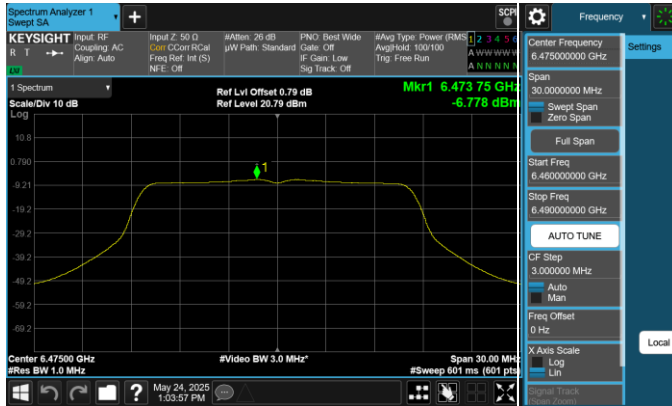
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	54	-7.68	2.85	-4.83	-1	-3.83
	6175	45	a	54	-7.84	2.85	-4.99	-1	-3.99
	6415	93	a	24	-5.58	2.85	-2.73	-1	-1.73
	5955	1	ax (20MHz)	24/25.8 (MCS2)	-8.12	2.85	-5.27	-1	-4.27
	6175	45	ax (20MHz)	49/51.6 (MCS4)	-8.07	2.85	-5.22	-1	-4.22
	6415	93	ax (20MHz)	24/25.8 (MCS2)	-5.75	2.85	-2.90	-1	-1.90
	5965	3	ax (40MHz)	49/51.6 (MCS2)	-7.94	2.85	-5.09	-1	-4.09
	6165	43	ax (40MHz)	49/51.6 (MCS2)	-6.81	2.85	-3.96	-1	-2.96
	6405	91	ax (40MHz)	49/51.6 (MCS2)	-5.75	2.85	-2.90	-1	-1.90
	5985	7	ax (80MHz)	204/216.2 (MCS4)	-7.56	2.85	-4.71	-1	-3.71
	6145	39	ax (80MHz)	102/108.1 (MCS2)	-6.76	2.85	-3.91	-1	-2.91
	6385	87	ax (80MHz)	102/108.1 (MCS2)	-5.35	2.85	-2.50	-1	-1.50
Band 6	6025	15	ax (160MHz)	367.5/432.4 (MCS4)	-7.70	2.85	-4.85	-1	-3.85
	6185	47	ax (160MHz)	367.5/432.4 (MCS4)	-6.39	2.85	-3.54	-1	-2.54
	6345	79	ax (160MHz)	367.5/432.4 (MCS4)	-5.68	2.85	-2.83	-1	-1.83
	6435	97	a	54	-7.13	1.73	-5.40	-1	-4.40
	6475	105	a	54	-6.78	1.73	-5.05	-1	-4.05
	6515	113	a	54	-7.14	1.73	-5.41	-1	-4.41
	6435	97	ax (20MHz)	49/51.6 (MCS4)	-7.24	1.73	-5.51	-1	-4.51
	6475	105	ax (20MHz)	49/51.6 (MCS4)	-6.87	1.73	-5.14	-1	-4.14
	6515	113	ax (20MHz)	49/51.6 (MCS4)	-7.31	1.73	-5.58	-1	-4.58
	6445	99	ax (40MHz)	49/51.6 (MCS2)	-7.15	1.73	-5.42	-1	-4.42
	6485	107	ax (40MHz)	49/51.6 (MCS2)	-6.29	1.73	-4.56	-1	-3.56
	6465	103	ax (80MHz)	102/108.1 (MCS2)	-6.58	1.73	-4.85	-1	-3.85
Band 7	6505	111	ax (160MHz)	183.8/216.2 (MCS2)	-6.80	1.73	-5.07	-1	-4.07
	6535	117	a	54	-4.06	-1.02	-5.08	-1	-4.08
	6695	149	a	12	-4.05	-1.02	-5.07	-1	-4.07
	6875	185	a	24	-5.08	-1.02	-6.10	-1	-5.10
	6535	117	ax (20MHz)	49/51.6 (MCS4)	-4.60	-1.02	-5.62	-1	-4.62
	6695	149	ax (20MHz)	49/51.6 (MCS4)	-4.04	-1.02	-5.06	-1	-4.06
	6875	185	ax (20MHz)	49/51.6 (MCS4)	-5.15	-1.02	-6.17	-1	-5.17
	6565	123	ax (40MHz)	98/103.2 (MCS4)	-3.79	-1.02	-4.81	-1	-3.81
	6725	155	ax (40MHz)	49/51.6 (MCS2)	-3.84	-1.02	-4.86	-1	-3.86
	6845	179	ax (40MHz)	49/51.6 (MCS2)	-3.87	-1.02	-4.89	-1	-3.89
	6545	119	ax (80MHz)	102/108.1 (MCS2)	-6.95	-1.02	-7.97	-1	-6.97
	6705	151	ax (80MHz)	102/108.1 (MCS2)	-4.09	-1.02	-5.11	-1	-4.11
Band 8	6865	183	ax (80MHz)	204/216.2 (MCS4)	-4.57	-1.02	-5.59	-1	-4.59
	6665	143	ax (160MHz)	183.8/216.2 (MCS2)	-7.17	-1.02	-8.19	-1	-7.19
	6825	175	ax (160MHz)	367.5/432.4 (MCS4)	-7.27	-1.02	-8.29	-1	-7.29
	6895	189	a	54	-5.08	-0.26	-5.34	-1	-4.34
	6995	209	a	54	-5.49	-0.26	-5.75	-1	-4.75
	7115	233	a	54	-6.84	-0.26	-7.10	-1	-6.10
	6895	189	ax (20MHz)	49/51.6 (MCS4)	-5.67	-0.26	-5.93	-1	-4.93
	6995	209	ax (20MHz)	49/51.6 (MCS4)	-6.05	-0.26	-6.31	-1	-5.31
	7115	233	ax (20MHz)	135/143.4 (MCS11)	-7.77	-0.26	-8.03	-1	-7.03
	6885	187	ax (40MHz)	49/51.6 (MCS2)	-5.04	-0.26	-5.30	-1	-4.30
	7005	211	ax (40MHz)	49/51.6 (MCS2)	-4.95	-0.26	-5.21	-1	-4.21
	7085	227	ax (40MHz)	49/51.6 (MCS2)	-4.96	-0.26	-5.22	-1	-4.22
	6945	199	ax (80MHz)	204/216.2 (MCS4)	-4.83	-0.26	-5.09	-1	-4.09
	7025	215	ax (80MHz)	102/108.1 (MCS2)	-4.68	-0.26	-4.94	-1	-3.94
	6985	207	ax (160MHz)	367.5/432.4 (MCS4)	-7.75	-0.26	-8.01	-1	-7.01

Table 7-31. Power Spectral Density Measurements Antenna 0

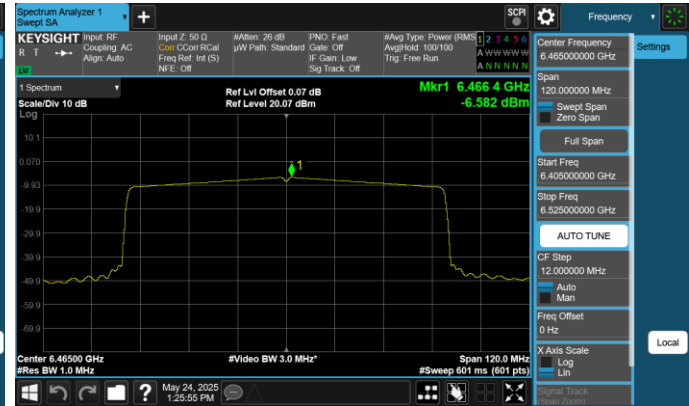
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 55 of 171



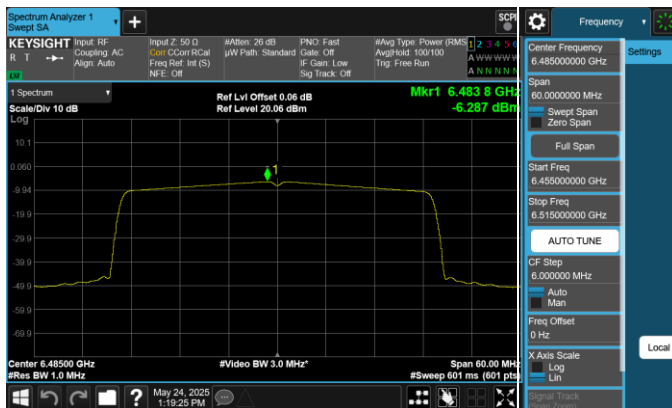
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 56 of 171



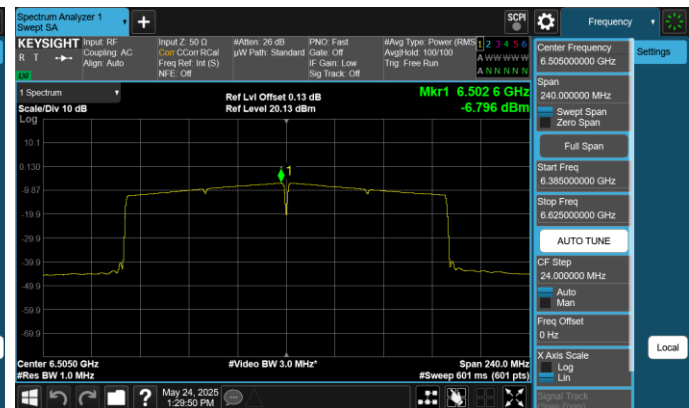
Plot 7-73. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 6) – Ch. 105)



Plot 7-75. Power Spectral Density Plot Antenna 0 (80MHz 802.11ax (UNII Band 6) – Ch. 103)

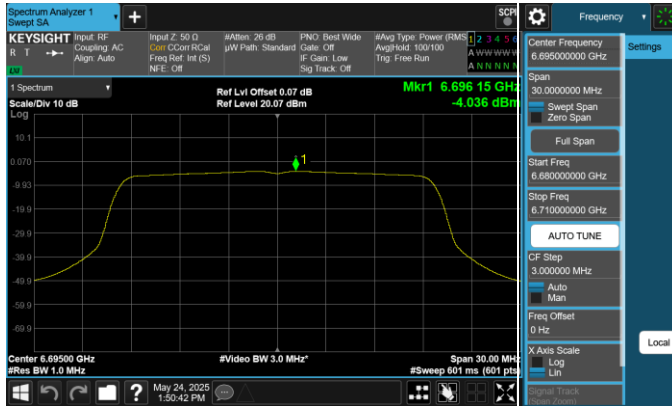


Plot 7-74. Power Spectral Density Plot Antenna 0 (40MHz 802.11ax (UNII Band 6) – Ch. 107)

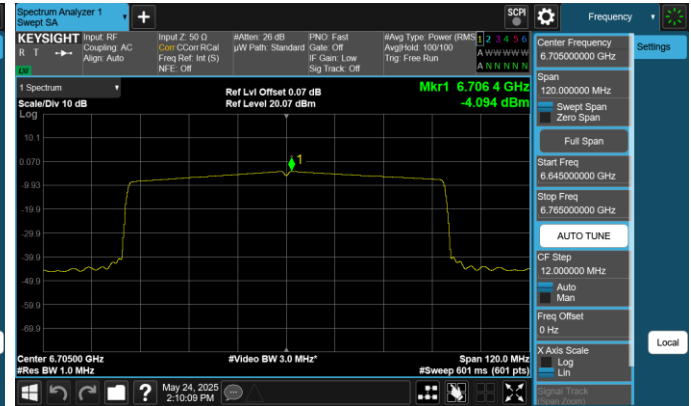


Plot 7-76. Power Spectral Density Plot Antenna 0 (160MHz 802.11ax (UNII Band 6) – Ch. 111)

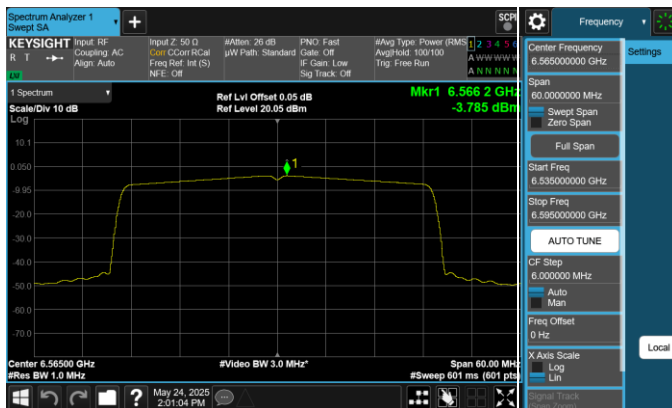
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 57 of 171



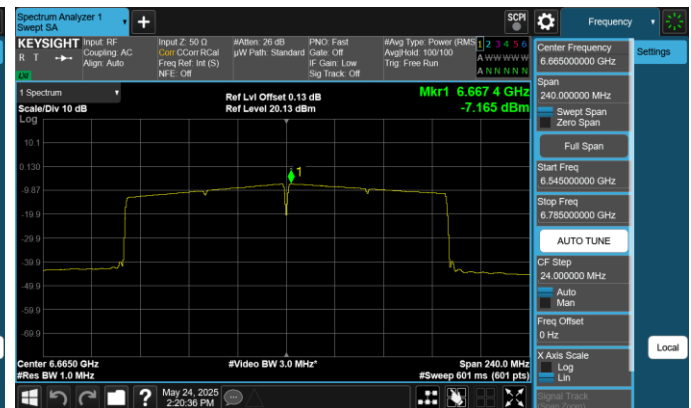
Plot 7-77. Power Spectral Density Plot Antenna 0 (20MHz
802.11ax (UNII Band 7) – Ch. 149)



Plot 7-79. Power Spectral Density Plot Antenna 0 (80MHz
802.11ax (UNII Band 7) – Ch. 151)

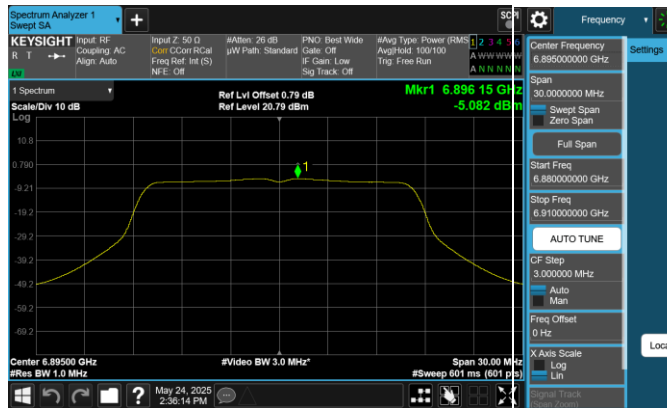


Plot 7-78. Power Spectral Density Plot Antenna 0 (40MHz
802.11ax (UNII Band 7) – Ch. 123)

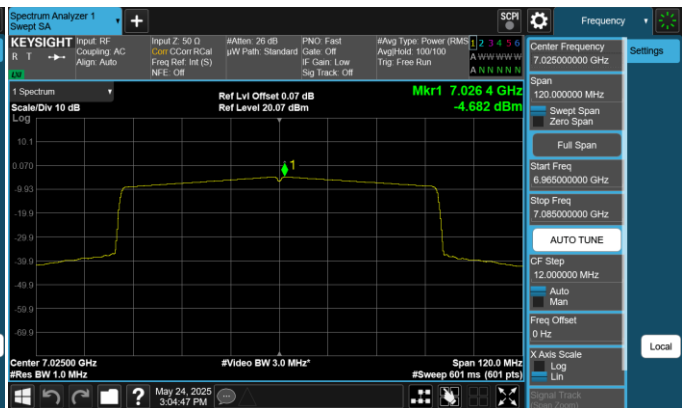


Plot 7-80. Power Spectral Density Plot Antenna 0 (160MHz
802.11ax (UNII Band 7) – Ch. 143)

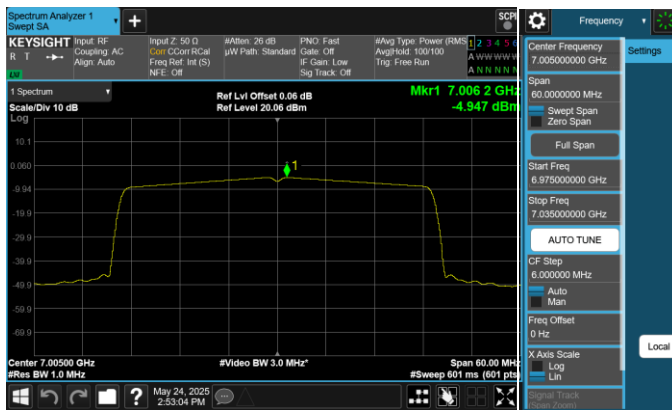
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 58 of 171



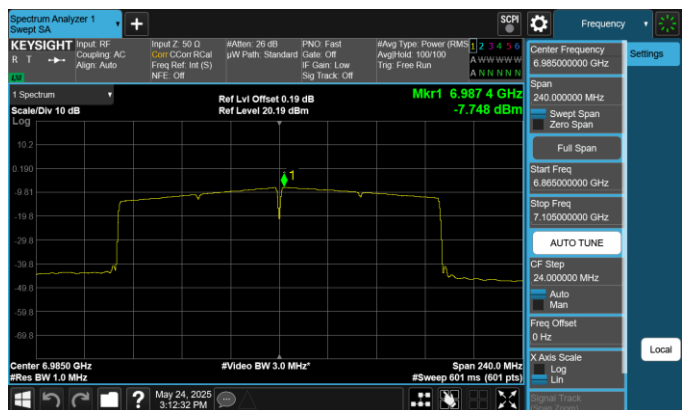
Plot 7-81. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 8) – Ch. 189)



Plot 7-83. Power Spectral Density Plot Antenna 0 (80MHz 802.11ax (UNII Band 8) – Ch. 215)



Plot 7-82. Power Spectral Density Plot Antenna 0 (40MHz 802.11ax (UNII Band 8) – Ch. 211)



Plot 7-84. Power Spectral Density Plot Antenna 0 (160MHz 802.11ax (UNII Band 8) – Ch. 207)

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 59 of 171

7.4.3 Antenna 1 Power Spectral Density Measurements – SP

	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	a	54	5.63	2.14	7.77	17	-9.23
	6175	45	a	54	5.42	2.14	7.56	17	-9.44
	6415	93	a	54	5.62	2.14	7.76	17	-9.24
	5955	1	ax (20MHz)	24/25.8 (MCS2)	3.78	2.14	5.92	17	-11.08
	6175	45	ax (20MHz)	24/25.8 (MCS2)	3.60	2.14	5.74	17	-11.26
	6415	93	ax (20MHz)	24/25.8 (MCS2)	4.06	2.14	6.20	17	-10.80
	5965	3	ax (40MHz)	49/51.6 (MCS2)	1.50	2.14	3.64	17	-13.36
	6165	43	ax (40MHz)	49/51.6 (MCS2)	1.53	2.14	3.67	17	-13.33
	6405	91	ax (40MHz)	49/51.6 (MCS2)	1.71	2.14	3.85	17	-13.15
	5985	7	ax (80MHz)	204/216.2 (MCS4)	-1.74	2.14	0.40	17	-16.60
	6145	39	ax (80MHz)	102/108.1 (MCS2)	-1.31	2.14	0.83	17	-16.17
	6385	87	ax (80MHz)	102/108.1 (MCS2)	-1.83	2.14	0.31	17	-16.69
	6025	15	ax (160MHz)	367.5/432.4 (MCS4)	-5.58	2.14	-3.44	17	-20.44
	6185	47	ax (160MHz)	367.5/432.4 (MCS4)	-5.81	2.14	-3.67	17	-20.67
	6345	79	ax (160MHz)	367.5/432.4 (MCS4)	-4.76	2.14	-2.62	17	-19.62
Band 6	6435	97	a	54	6.13	0.74	6.87	17	-10.13
	6475	105	a	54	5.81	0.74	6.55	17	-10.45
	6515	113	a	54	6.04	0.74	6.78	17	-10.22
	6435	97	ax (20MHz)	49/51.6 (MCS4)	4.51	0.74	5.25	17	-11.75
	6475	105	ax (20MHz)	49/51.6 (MCS4)	4.14	0.74	4.88	17	-12.12
	6515	113	ax (20MHz)	24/25.8 (MCS2)	4.44	0.74	5.18	17	-11.82
	6445	99	ax (40MHz)	49/51.6 (MCS2)	2.31	0.74	3.05	17	-13.95
	6485	107	ax (40MHz)	98/103.2 (MCS4)	2.02	0.74	2.76	17	-14.24
	6465	103	ax (80MHz)	204/216.2 (MCS4)	-0.53	0.74	0.22	17	-16.79
	6505	111	ax (160MHz)	183.8/216.2 (MCS2)	-3.82	0.74	-3.08	17	-20.08
Band 7	6535	117	a	12	5.11	-0.88	4.23	17	-12.77
	6695	149	a	54	4.97	-0.88	4.09	17	-12.91
	6855	181	a	54	4.77	-0.88	3.89	17	-13.11
	6535	117	ax (20MHz)	24/25.8 (MCS2)	3.25	-0.88	2.37	17	-14.63
	6695	149	ax (20MHz)	49/51.6 (MCS4)	3.35	-0.88	2.47	17	-14.53
	6855	181	ax (20MHz)	24/25.8 (MCS2)	3.17	-0.88	2.29	17	-14.71
	6565	123	ax (40MHz)	49/51.6 (MCS2)	1.37	-0.88	0.49	17	-16.51
	6725	155	ax (40MHz)	49/51.6 (MCS2)	1.42	-0.88	0.54	17	-16.47
	6845	179	ax (40MHz)	98/103.2 (MCS4)	1.30	-0.88	0.42	17	-16.58
	6625	135	ax (80MHz)	102/108.1 (MCS2)	-1.83	-0.88	-2.71	17	-19.71
	6705	151	ax (80MHz)	204/216.2 (MCS4)	-1.63	-0.88	-2.51	17	-19.51
	6785	167	ax (80MHz)	204/216.2 (MCS4)	-2.00	-0.88	-2.88	17	-19.88
	6665	143	ax (160MHz)	183.8/216.2 (MCS2)	-5.95	-0.88	-6.83	17	-23.83

Table 7-32. Power Spectral Density Measurements Antenna 1

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 60 of 171



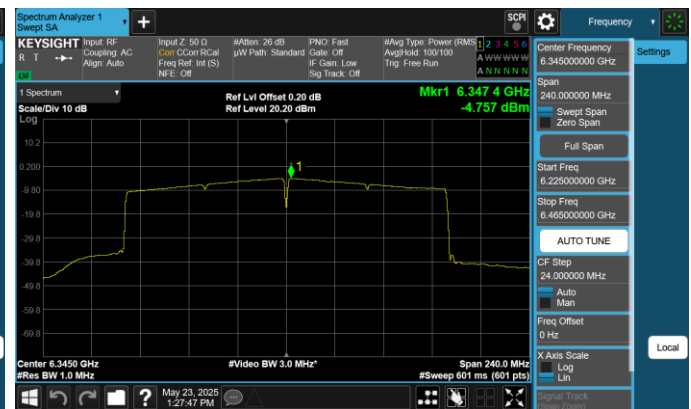
Plot 7-85. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 5) – Ch. 1)



Plot 7-87. Power Spectral Density Plot Antenna 1 (80MHz 802.11ax (UNII Band 5) – Ch. 39)

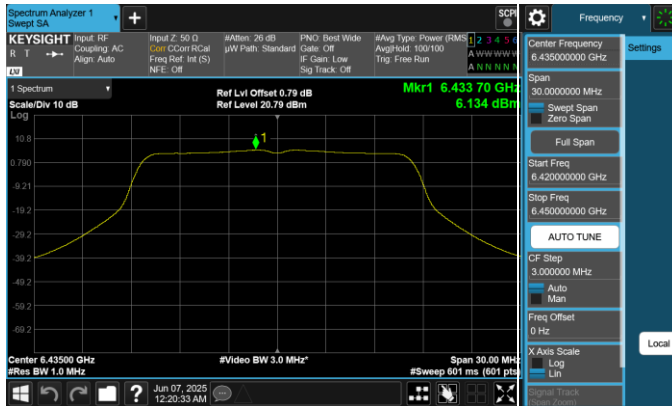


Plot 7-86. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 5) – Ch. 91)

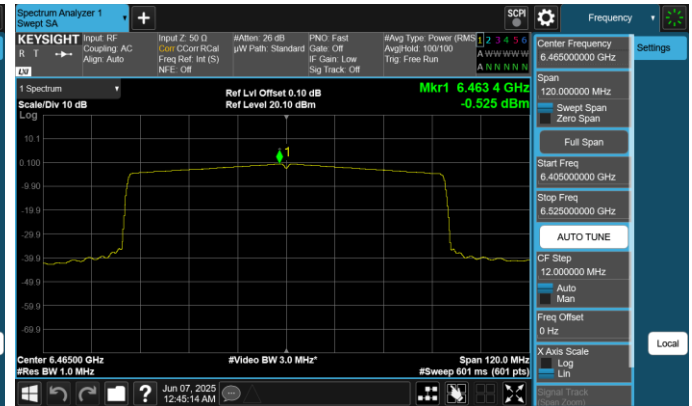


Plot 7-88. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 5) – Ch. 79)

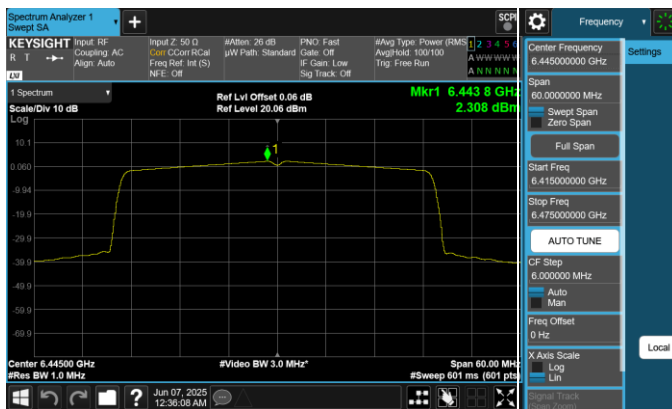
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 61 of 171



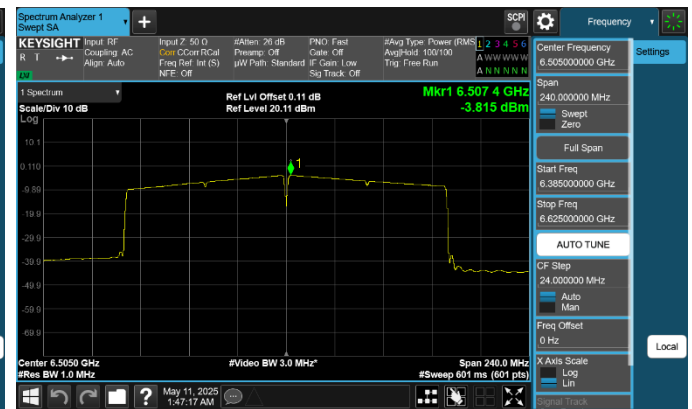
Plot 7-89. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 6) – Ch. 97)



Plot 7-91. Power Spectral Density Plot Antenna 1 (80MHz 802.11ax (UNII Band 6) – Ch. 103)

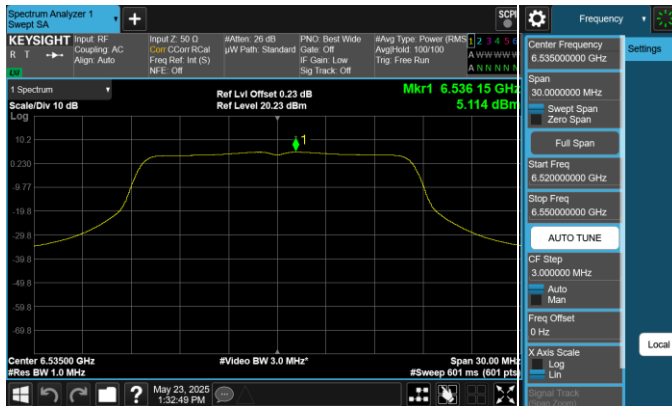


Plot 7-90. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 6) – Ch. 99)

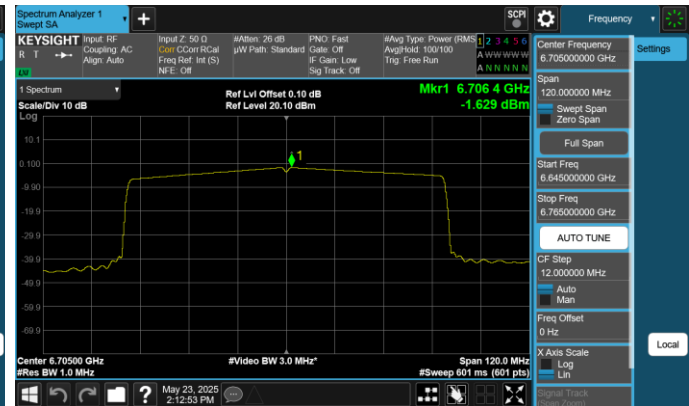


Plot 7-92. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 6) – Ch. 111)

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 62 of 171



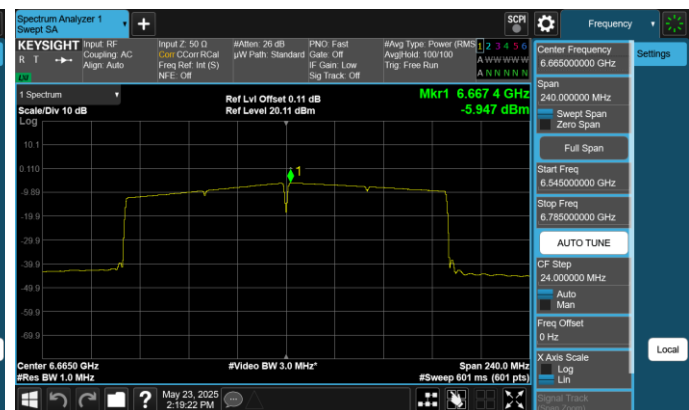
Plot 7-93. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 7) – Ch. 117)



Plot 7-95. Power Spectral Density Plot Antenna 1 (80MHz 802.11ax (UNII Band 7) – Ch. 151)



Plot 7-94. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 7) – Ch. 155)



Plot 7-96. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 7) – Ch. 143)

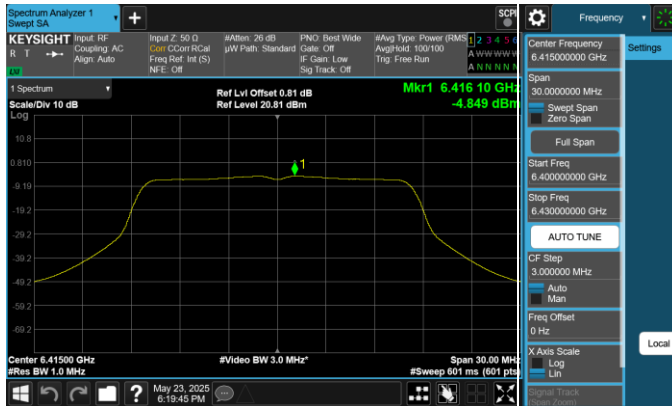
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 63 of 171

7.4.4 Antenna 1 Power Spectral Density Measurements – LPI

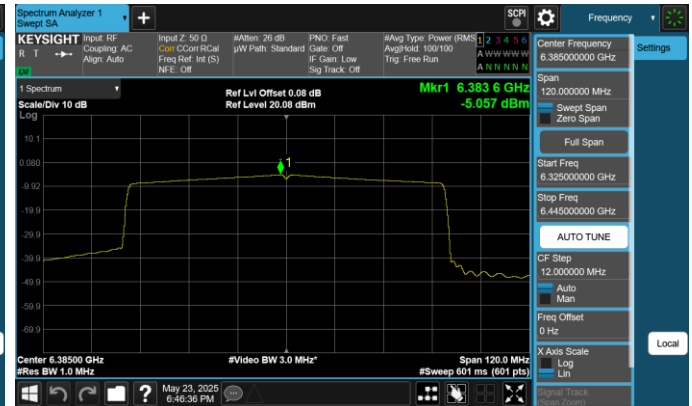
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	24	-6.89	2.14	-4.75	-1	-3.75
	6175	45	a	12	-6.76	2.14	-4.62	-1	-3.62
	6415	93	a	54	-4.85	2.14	-2.71	-1	-1.71
	5955	1	ax (20MHz)	24/25.8 (MCS2)	-7.37	2.14	-5.23	-1	-4.23
	6175	45	ax (20MHz)	24/25.8 (MCS2)	-6.81	2.14	-4.67	-1	-3.67
	6415	93	ax (20MHz)	24/25.8 (MCS2)	-5.46	2.14	-3.32	-1	-2.32
	5965	3	ax (40MHz)	98/103.2 (MCS4)	-7.35	2.14	-5.21	-1	-4.21
	6165	43	ax (40MHz)	98/103.2 (MCS4)	-6.16	2.14	-4.02	-1	-3.02
	6405	91	ax (40MHz)	49/51.6 (MCS2)	-5.08	2.14	-2.94	-1	-1.94
	5985	7	ax (80MHz)	204/216.2 (MCS4)	-7.16	2.14	-5.02	-1	-4.02
	6145	39	ax (80MHz)	204/216.2 (MCS4)	-6.51	2.14	-4.37	-1	-3.37
	6385	87	ax (80MHz)	102/108.1 (MCS2)	-5.06	2.14	-2.92	-1	-1.92
Band 6	6025	15	ax (160MHz)	367.5/432.4 (MCS4)	-6.93	2.14	-4.79	-1	-3.79
	6185	47	ax (160MHz)	183.8/216.2 (MCS2)	-7.01	2.14	-4.87	-1	-3.87
	6345	79	ax (160MHz)	183.8/216.2 (MCS2)	-4.89	2.14	-2.75	-1	-1.75
	6435	97	a	12	-5.49	0.74	-4.75	-1	-3.75
	6475	105	a	54	-5.92	0.74	-5.18	-1	-4.18
	6515	113	a	24	-5.90	0.74	-5.16	-1	-4.16
	6435	97	ax (20MHz)	24/25.8 (MCS2)	-5.50	0.74	-4.76	-1	-3.76
	6475	105	ax (20MHz)	24/25.8 (MCS2)	-5.82	0.74	-5.08	-1	-4.08
	6515	113	ax (20MHz)	24/25.8 (MCS2)	-6.42	0.74	-5.68	-1	-4.68
	6445	99	ax (40MHz)	49/51.6 (MCS2)	-5.61	0.74	-4.87	-1	-3.87
	6485	107	ax (40MHz)	98/103.2 (MCS4)	-5.89	0.74	-5.15	-1	-4.15
	6465	103	ax (80MHz)	102/108.1 (MCS2)	-5.51	0.74	-4.77	-1	-3.77
Band 7	6505	111	ax (160MHz)	367.5/432.4 (MCS4)	-5.94	0.74	-5.20	-1	-4.20
	6535	117	a	54	-3.40	-0.88	-4.28	-1	-3.28
	6695	149	a	24	-2.64	-0.88	-3.52	-1	-2.52
	6875	185	a	54	-4.06	-0.88	-4.94	-1	-3.94
	6535	117	ax (20MHz)	49/51.6 (MCS4)	-3.47	-0.88	-4.35	-1	-3.35
	6695	149	ax (20MHz)	24/25.8 (MCS2)	-3.55	-0.88	-4.43	-1	-3.43
	6875	185	ax (20MHz)	24/25.8 (MCS2)	-4.13	-0.88	-5.01	-1	-4.01
	6565	123	ax (40MHz)	49/51.6 (MCS2)	-2.51	-0.88	-3.39	-1	-2.39
	6725	155	ax (40MHz)	98/103.2 (MCS4)	-2.93	-0.88	-3.81	-1	-2.81
	6845	179	ax (40MHz)	98/103.2 (MCS4)	-3.24	-0.88	-4.12	-1	-3.12
	6545	119	ax (80MHz)	204/216.2 (MCS4)	-5.69	-0.88	-6.57	-1	-5.57
	6705	151	ax (80MHz)	102/108.1 (MCS2)	-2.99	-0.88	-3.87	-1	-2.87
Band 8	6865	183	ax (80MHz)	102/108.1 (MCS2)	-3.70	-0.88	-4.58	-1	-3.58
	6665	143	ax (160MHz)	367.5/432.4 (MCS4)	-5.11	-0.88	-5.99	-1	-4.99
	6825	175	ax (160MHz)	367.5/432.4 (MCS4)	-6.51	-0.88	-7.39	-1	-6.39
	6895	189	a	24	-4.13	0.18	-3.95	-1	-2.95
	6995	209	a	12	-3.85	0.18	-3.67	-1	-2.67
	7115	233	a	54	-5.28	0.18	-5.10	-1	-4.10
	6895	189	ax (20MHz)	24/25.8 (MCS2)	-4.76	0.18	-4.58	-1	-3.58
	6995	209	ax (20MHz)	24/25.8 (MCS2)	-4.45	0.18	-4.27	-1	-3.27
	7115	233	ax (20MHz)	24/25.8 (MCS2)	-6.32	0.18	-6.14	-1	-5.14
	6885	187	ax (40MHz)	49/51.6 (MCS2)	-4.15	0.18	-3.97	-1	-2.97
	7005	211	ax (40MHz)	98/103.2 (MCS4)	-3.65	0.18	-3.47	-1	-2.47
	7085	227	ax (40MHz)	49/51.6 (MCS2)	-3.36	0.18	-3.18	-1	-2.18
	6945	199	ax (80MHz)	102/108.1 (MCS2)	-4.03	0.18	-3.85	-1	-2.85
	7025	215	ax (80MHz)	102/108.1 (MCS2)	-3.76	0.18	-3.58	-1	-2.58
	6985	207	ax (160MHz)	367.5/432.4 (MCS4)	-6.38	0.18	-6.20	-1	-5.20

Table 7-33. Power Spectral Density Measurements Antenna 1

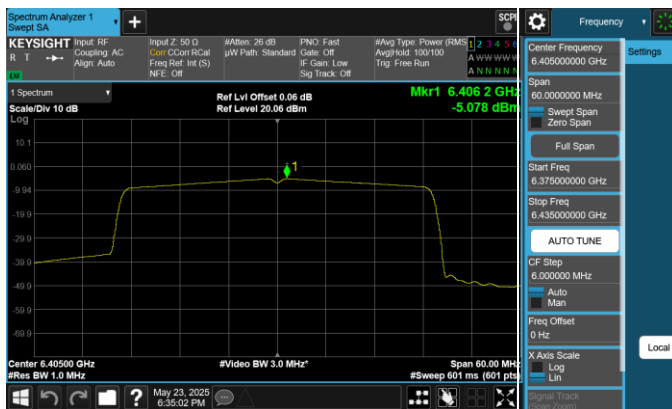
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 64 of 171



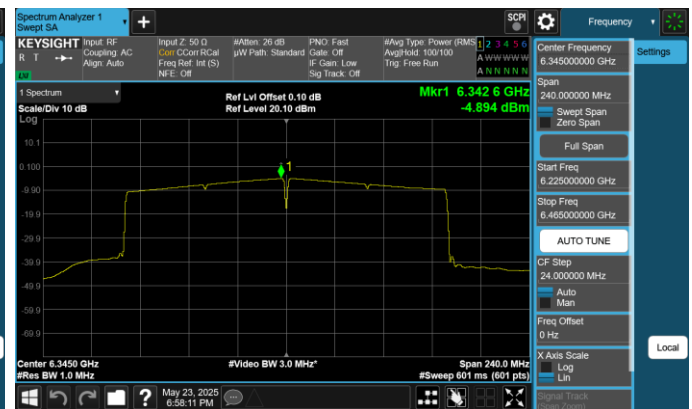
Plot 7-97. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 5) – Ch. 93)



Plot 7-99. Power Spectral Density Plot Antenna 1 (80MHz 802.11ax (UNII Band 5) – Ch. 87)

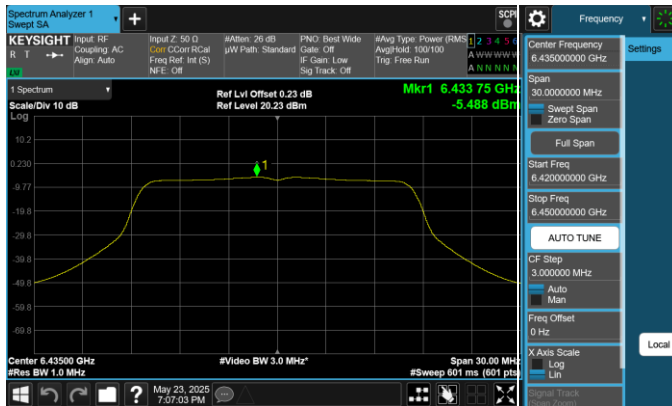


Plot 7-98. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 5) – Ch. 91)

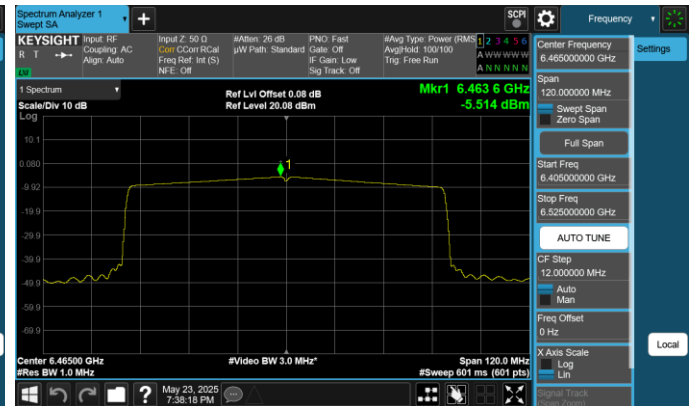


Plot 7-100. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 5) – Ch. 79)

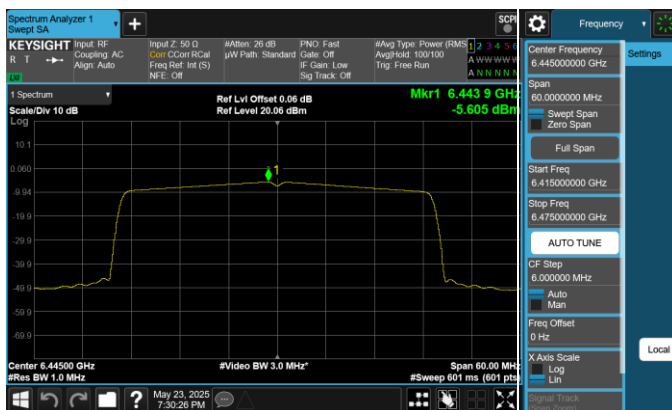
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 65 of 171



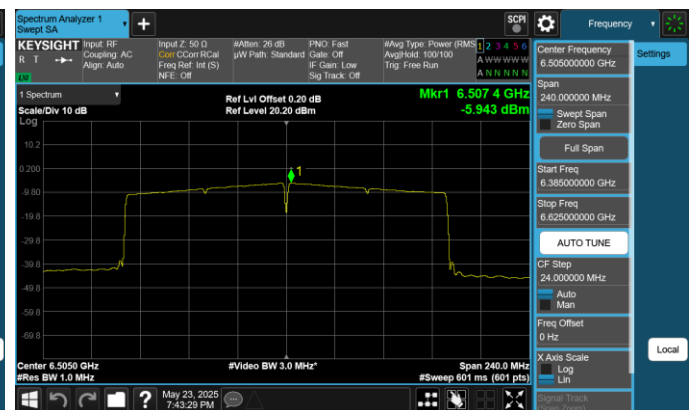
Plot 7-101. Power Spectral Density Plot Antenna 1 (20MHz
802.11a (UNII Band 6) – Ch. 97)



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

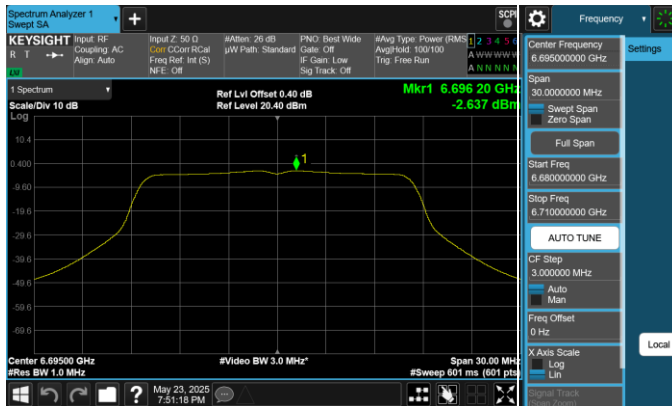


Plot 7-102. Power Spectral Density Plot Antenna 1 (40MHz
802.11ax (UNII Band 6) – Ch. 99)

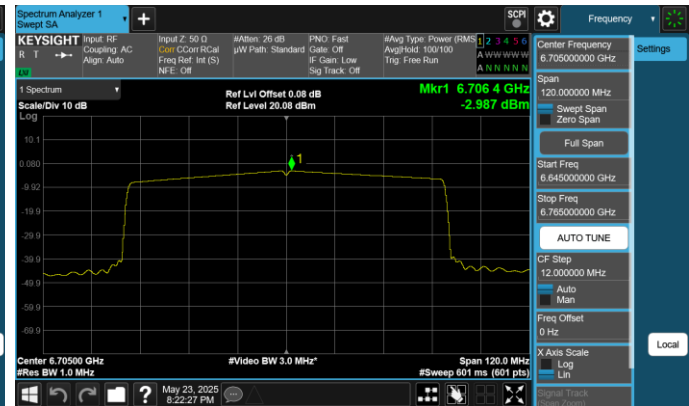


Plot 7-104. Power Spectral Density Plot Antenna 1 (160MHz
802.11ax (UNII Band 6) – Ch. 111)

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 66 of 171



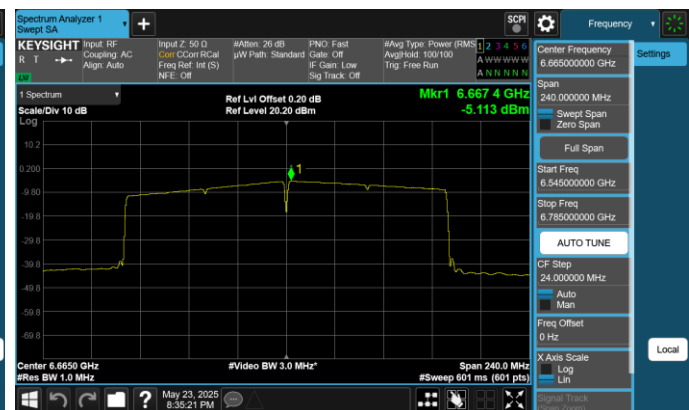
Plot 7-105. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 7) – Ch. 149)



Plot 7-107. Power Spectral Density Plot Antenna 1 (80MHz 802.11ax (UNII Band 7) – Ch. 151)

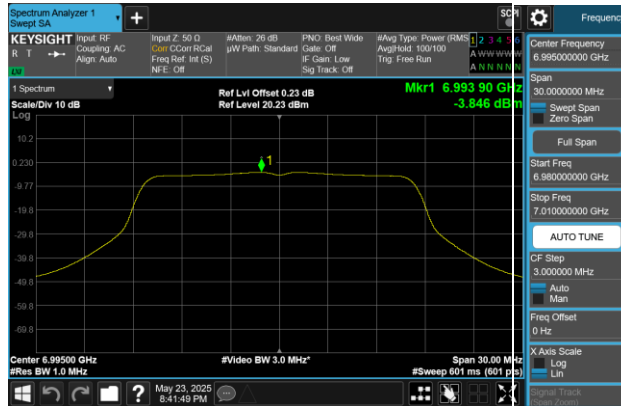


Plot 7-106. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 7) – Ch. 123)

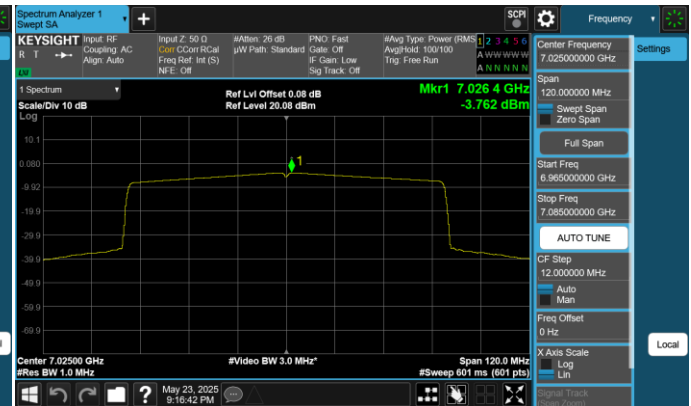


Plot 7-108. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 7) – Ch. 143)

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 67 of 171



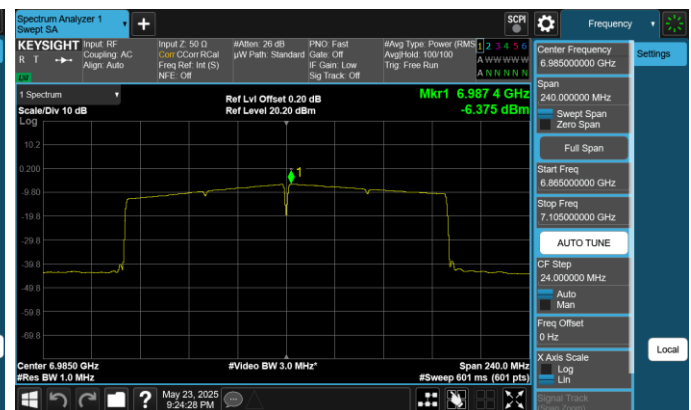
Plot 7-109. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 8) – Ch. 209)



Plot 7-111. Power Spectral Density Plot Antenna 1 (80MHz 802.11ax (UNII Band 8) – Ch. 215)



Plot 7-110. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 8) – Ch. 227)



Plot 7-112. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 8) – Ch. 207)

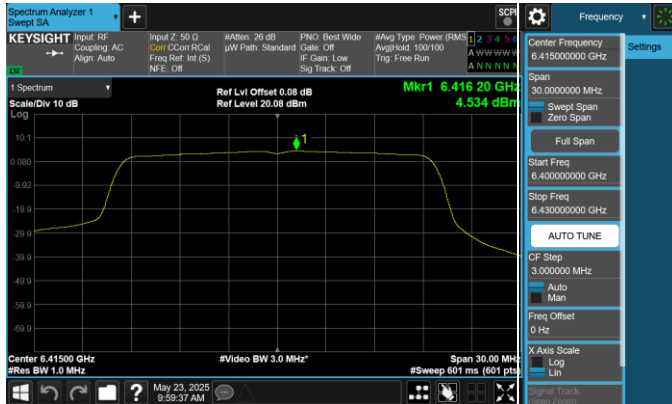
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 68 of 171

7.4.5 CDD Power Spectral Density Measurements – SP

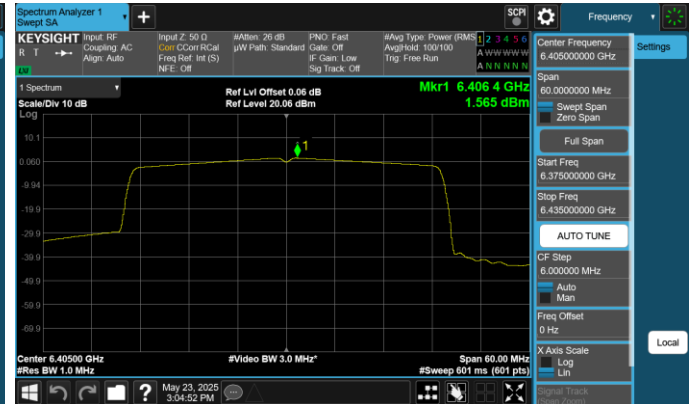
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 0 Measured Power Density [dBm/MHz]	Antenna 1 Measured Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	CDD	48/51.6 (MCS2)	4.39	3.69	7.06	5.51	12.57	17	-4.43
	6175	45	ax (20MHz)	CDD	48/51.6 (MCS2)	4.03	3.48	6.77	5.51	12.28	17	-4.72
	6415	93	ax (20MHz)	CDD	48/51.6 (MCS2)	4.53	4.07	7.32	5.51	12.83	17	-4.17
	5965	3	ax (40MHz)	CDD	98/103.2 (MCS2)	1.81	1.27	4.56	5.51	10.07	17	-6.93
	6165	43	ax (40MHz)	CDD	98/103.2 (MCS2)	1.96	1.34	4.67	5.51	10.19	17	-6.81
	6405	91	ax (40MHz)	CDD	98/103.2 (MCS2)	2.12	1.57	4.86	5.51	10.37	17	-6.63
	5985	7	ax (80MHz)	CDD	408/432.4 (MCS4)	-1.33	-1.78	1.46	5.51	6.97	17	-10.03
	6145	39	ax (80MHz)	CDD	408/432.4 (MCS4)	-1.44	-1.00	1.80	5.51	7.31	17	-9.69
	6385	87	ax (80MHz)	CDD	204/216.2 (MCS2)	-1.00	-1.79	1.63	5.51	7.15	17	-9.85
	6025	15	ax (160MHz)	CDD	735/864.7 (MCS4)	-4.40	-5.19	-1.76	5.51	3.75	17	-13.25
	6185	47	ax (160MHz)	CDD	735/864.7 (MCS4)	-5.66	-5.93	-2.78	5.51	2.73	17	-14.27
	6345	79	ax (160MHz)	CDD	735/864.7 (MCS4)	-4.39	-4.64	-1.50	5.51	4.01	17	-12.99
Band 6	6435	97	ax (20MHz)	CDD	98/103.2 (MCS4)	5.56	4.61	8.12	4.26	12.38	17	-4.62
	6475	105	ax (20MHz)	CDD	98/103.2 (MCS4)	5.69	4.29	8.06	4.26	12.31	17	-4.69
	6515	113	ax (20MHz)	CDD	98/103.2 (MCS4)	5.16	4.59	7.89	4.26	12.15	17	-4.85
	6445	99	ax (40MHz)	CDD	98/103.2 (MCS2)	3.87	2.44	6.23	4.26	10.49	17	-6.51
	6485	107	ax (40MHz)	CDD	196/206.5 (MCS4)	3.19	2.15	5.71	4.26	9.97	17	-7.03
	6465	103	ax (80MHz)	CDD	204/216.2 (MCS2)	0.38	-0.65	2.91	4.26	7.17	17	-9.83
Band 7	6505	111	ax (160MHz)	CDD	735/864.7 (MCS4)	-4.28	-3.22	-0.70	4.26	3.56	17	-13.44
	6535	117	ax (20MHz)	CDD	48/51.6 (MCS2)	2.82	2.97	5.91	2.06	7.97	17	-9.03
	6695	149	ax (20MHz)	CDD	48/51.6 (MCS2)	3.39	3.71	6.57	2.06	8.63	17	-8.37
	6855	181	ax (20MHz)	CDD	98/103.2 (MCS4)	3.12	3.35	6.25	2.06	8.31	17	-8.69
	6565	123	ax (40MHz)	CDD	196/206.5 (MCS4)	1.19	2.33	4.80	2.06	6.87	17	-10.13
	6725	155	ax (40MHz)	CDD	196/206.5 (MCS4)	0.95	2.12	4.58	2.06	6.64	17	-10.36
	6845	179	ax (40MHz)	CDD	98/103.2 (MCS2)	1.45	2.48	5.01	2.06	7.07	17	-9.93
	6625	135	ax (80MHz)	CDD	204/216.2 (MCS2)	-2.18	-0.58	1.71	2.06	3.77	17	-13.23
	6705	151	ax (80MHz)	CDD	204/216.2 (MCS2)	-2.25	-0.48	1.74	2.06	3.80	17	-13.20
	6785	167	ax (80MHz)	CDD	408/432.4 (MCS4)	-1.81	-0.29	2.02	2.06	4.09	17	-12.91
	6665	143	ax (160MHz)	CDD	367.5/432.4 (MCS2)	-6.69	-4.25	-2.29	2.06	-0.22	17	-17.22

Table 7-34. Power Spectral Density Measurements CDD

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 69 of 171



Plot 7-113. Power Spectral Density Plot CDD Antenna 0 (20MHz 802.11ax (UNII Band 5) – Ch. 93)



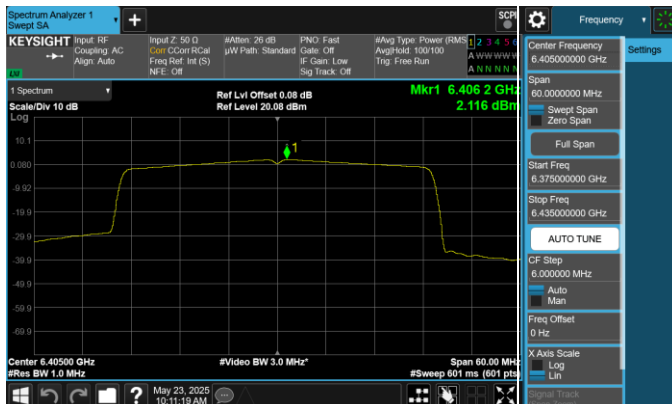
Plot 7-116. Power Spectral Density Plot CDD Antenna 1 (40MHz 802.11ax (UNII Band 5) – Ch. 91)



Plot 7-114. Power Spectral Density Plot CDD Antenna 1 (20MHz 802.11ax (UNII Band 5) – Ch. 93)



Plot 7-117. Power Spectral Density Plot CDD Antenna 0 (80MHz 802.11ax (UNII Band 5) – Ch. 39)

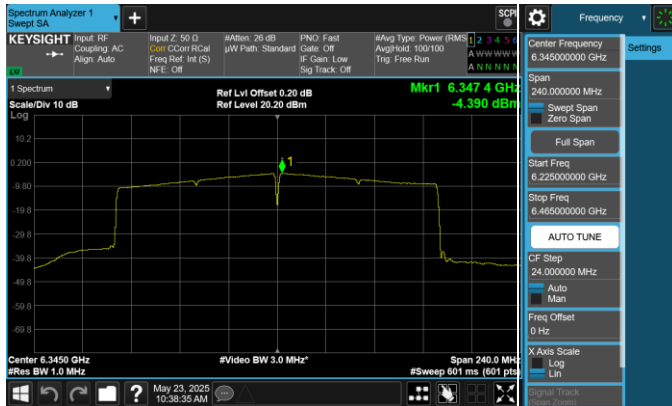


Plot 7-115. Power Spectral Density Plot CDD Antenna 0 (40MHz 802.11ax (UNII Band 5) – Ch. 91)

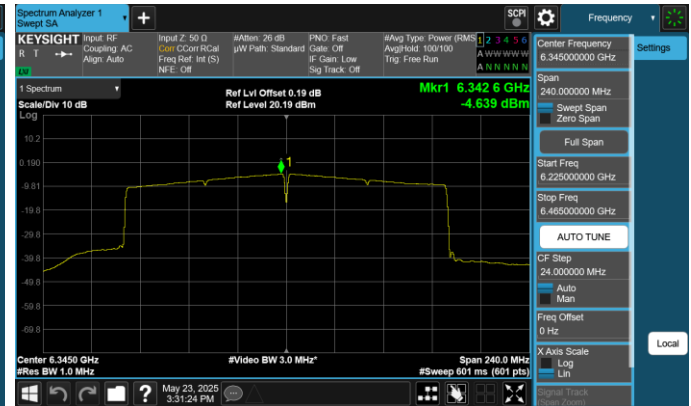


Plot 7-118. Power Spectral Density Plot CDD Antenna 1 (80MHz 802.11ax (UNII Band 5) – Ch. 39)

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 70 of 171

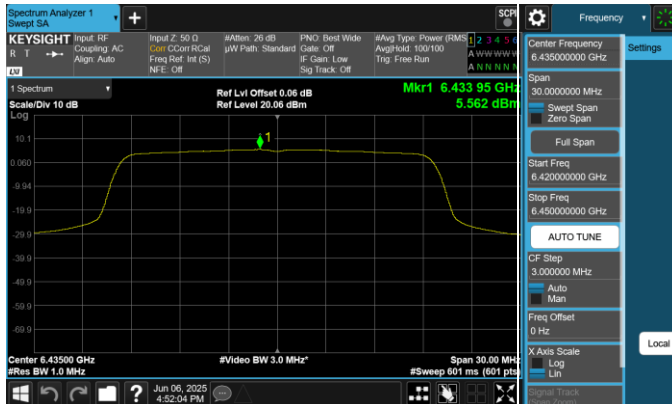


Plot 7-119. Power Spectral Density Plot CDD Antenna 0 (160MHz 802.11ax (UNII Band 5) – Ch. 79)

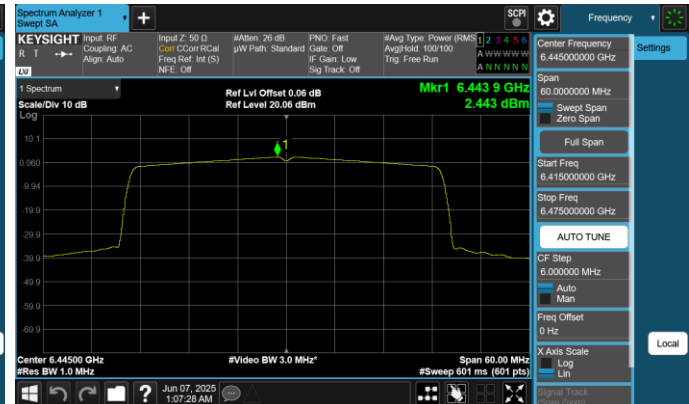


Plot 7-120. Power Spectral Density Plot CDD Antenna 1 (160MHz 802.11ax (UNII Band 5) – Ch. 79)

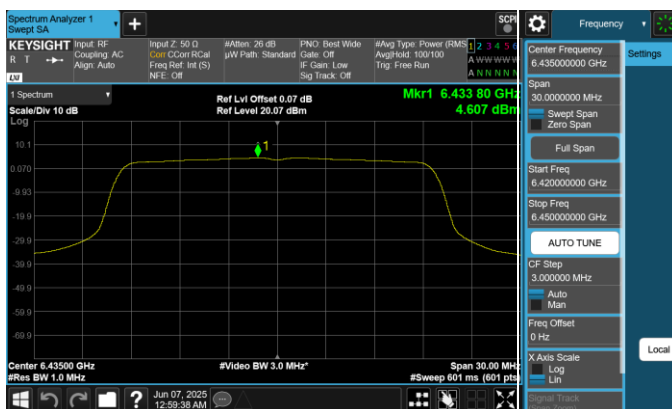
FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 71 of 171



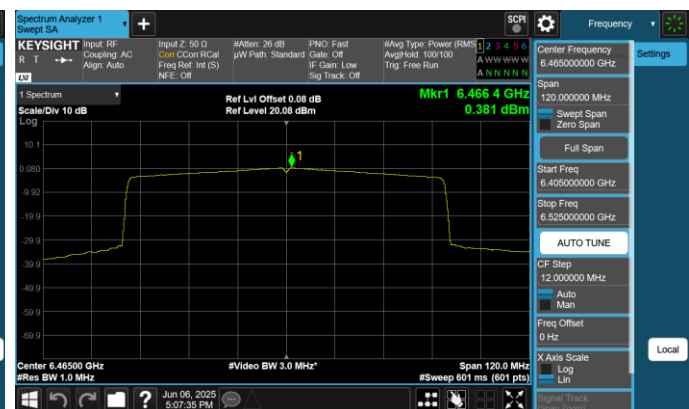
Plot 7-121. Power Spectral Density Plot CDD Antenna 0 (20MHz 802.11ax (UNII Band 6) – Ch. 97)



Plot 7-124. Power Spectral Density Plot CDD Antenna 1 (40MHz 802.11ax (UNII Band 6) – Ch. 99)



Plot 7-122. Power Spectral Density Plot CDD Antenna 1 (20MHz 802.11ax (UNII Band 6) – Ch. 97)



Plot 7-125. Power Spectral Density Plot CDD Antenna 0 (80MHz 802.11ax (UNII Band 6) – Ch. 103)



Plot 7-123. Power Spectral Density Plot CDD Antenna 0 (40MHz 802.11ax (UNII Band 6) – Ch. 99)



Plot 7-126. Power Spectral Density Plot CDD Antenna 1 (80MHz 802.11ax (UNII Band 6) – Ch. 103)

FCC ID: BCGA3300 IC: 579C-A3300	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-09-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 72 of 171