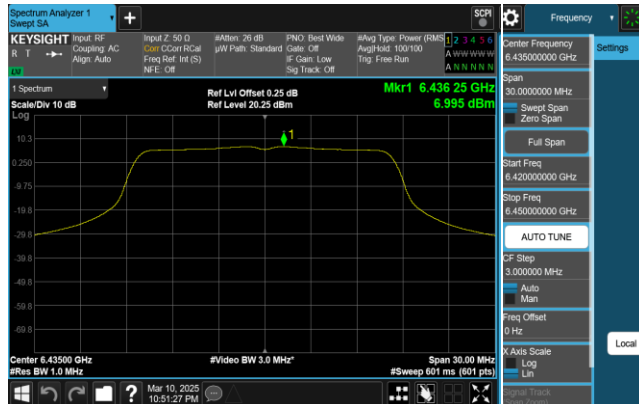
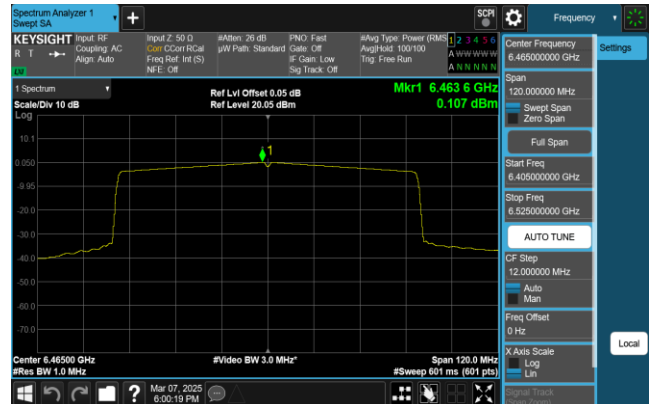




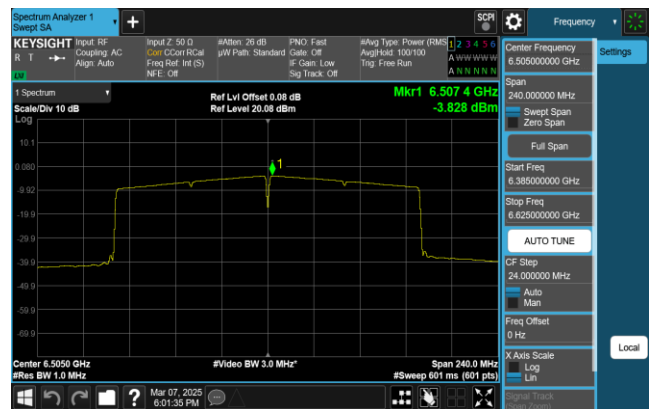
Plot 7-61. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 6) – Ch. 97)



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

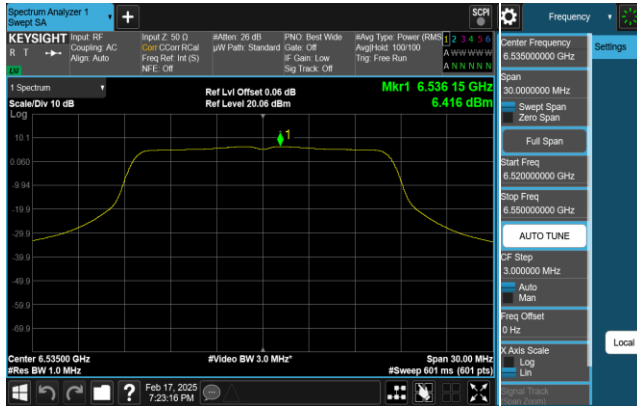


Plot 7-62. Power Spectral Density Plot Antenna 0 (40MHz 802.11ax (UNII Band 6) – Ch. 99)

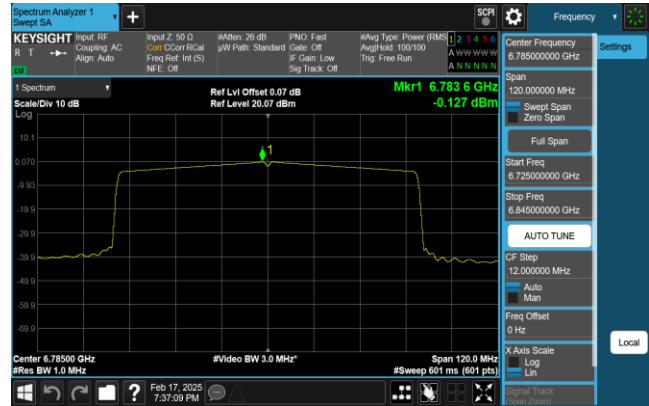


Plot 7-64. Power Spectral Density Plot Antenna 0 (160MHz 802.11ax (UNII Band 6) – Ch. 111)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-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 192



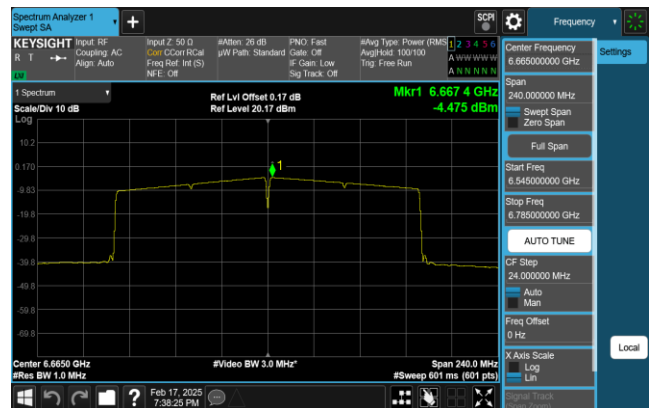
Plot 7-65. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 7) – Ch. 117)



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. 155)



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

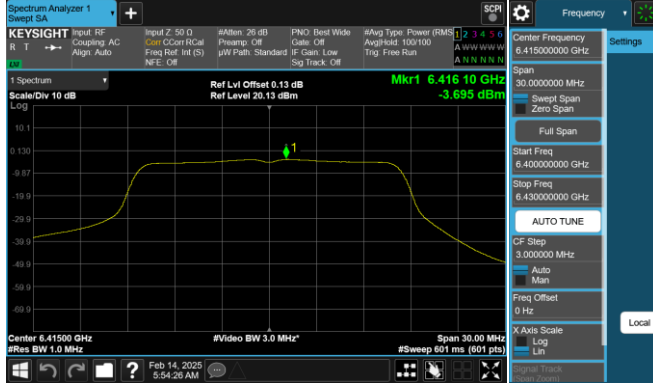
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 55 of 192

7.4.2 Antenna 0 Power Spectral Density Measurements – LPI

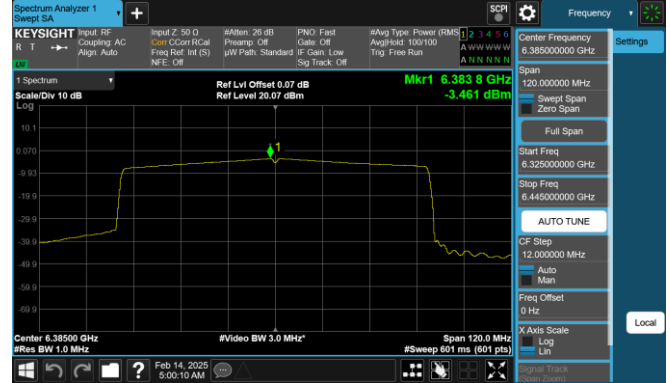
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	24Mbps	-5.98	2.54	-3.44	-1	-2.44
	6175	45	a	54Mbps	-6.01	2.71	-3.30	-1	-2.30
	6415	93	a	24Mbps	-3.70	0.88	-2.82	-1	-1.82
	5955	1	ax (20MHz)	MCS2	-6.15	2.54	-3.61	-1	-2.61
	6175	45	ax (20MHz)	MCS4	-6.33	2.71	-3.62	-1	-2.62
	6415	93	ax (20MHz)	MCS4	-3.88	0.88	-3.00	-1	-2.00
	5965	3	ax (40MHz)	MCS2	-5.96	2.54	-3.42	-1	-2.42
	6165	43	ax (40MHz)	MCS2	-5.55	2.71	-2.84	-1	-1.84
	6405	91	ax (40MHz)	MCS2	-3.43	0.88	-2.55	-1	-1.55
	5985	7	ax (80MHz)	MCS2	-5.86	2.54	-3.32	-1	-2.32
	6145	39	ax (80MHz)	MCS2	-5.59	2.71	-2.88	-1	-1.88
	6385	87	ax (80MHz)	MCS2	-3.46	0.88	-2.58	-1	-1.58
	6025	15	ax (160MHz)	MCS4	-5.14	2.54	-2.60	-1	-1.60
Band 6	6185	47	ax (160MHz)	MCS2	-5.98	2.71	-3.27	-1	-2.27
	6345	79	ax (160MHz)	MCS4	-3.75	0.88	-2.87	-1	-1.87
	6435	97	a	12Mbps	-4.65	1.52	-3.13	-1	-2.13
	6475	105	a	12Mbps	-4.88	1.52	-3.36	-1	-2.36
	6515	113	a	54Mbps	-5.15	1.52	-3.63	-1	-2.63
	6435	97	ax (20MHz)	MCS2	-4.95	1.52	-3.43	-1	-2.43
	6475	105	ax (20MHz)	MCS2	-5.17	1.52	-3.65	-1	-2.65
	6515	113	ax (20MHz)	MCS2	-4.99	1.52	-3.47	-1	-2.47
	6445	99	ax (40MHz)	MCS2	-4.33	1.52	-2.81	-1	-1.81
	6485	107	ax (40MHz)	MCS2	-4.59	1.52	-3.07	-1	-2.07
	6525	115	ax (40MHz)	MCS2	-4.87	1.52	-3.35	-1	-2.35
	6465	103	ax (80MHz)	MCS2	-4.64	1.52	-3.12	-1	-2.12
	6505	111	ax (160MHz)	MCS2	-4.90	1.52	-3.38	-1	-2.38
Band 7	6535	117	a	24Mbps	-2.91	-0.24	-3.15	-1	-2.15
	6695	149	a	12Mbps	-2.94	-0.24	-3.18	-1	-2.18
	6875	185	a	54Mbps	-3.10	-0.24	-3.34	-1	-2.34
	6535	117	ax (20MHz)	MCS2	-3.12	-0.24	-3.36	-1	-2.36
	6695	149	ax (20MHz)	MCS2	-3.24	-0.24	-3.48	-1	-2.48
	6875	185	ax (20MHz)	MCS2	-2.98	-0.24	-3.22	-1	-2.22
	6565	123	ax (40MHz)	MCS2	-2.51	-0.24	-2.75	-1	-1.75
	6725	155	ax (40MHz)	MCS2	-2.91	-0.24	-3.15	-1	-2.15
	6845	179	ax (40MHz)	MCS2	-2.60	-0.24	-2.84	-1	-1.84
	6545	119	ax (80MHz)	MCS2	-4.73	-0.24	-4.97	-1	-3.97
	6705	151	ax (80MHz)	MCS2	-2.67	-0.24	-2.91	-1	-1.91
	6865	183	ax (80MHz)	MCS2	-2.39	-0.24	-2.63	-1	-1.63
	6665	143	ax (160MHz)	MCS2	-4.00	-0.24	-4.24	-1	-3.24
Band 8	6825	175	ax (160MHz)	MCS2	-5.35	-0.24	-5.59	-1	-4.59
	6895	189	a	12Mbps	-3.04	-1.74	-4.78	-1	-3.78
	6995	209	a	54Mbps	-2.95	-1.74	-4.69	-1	-3.69
	7115	233	a	12Mbps	-2.66	-1.74	-4.40	-1	-3.40
	6895	189	ax (20MHz)	MCS2	-2.88	-1.74	-4.62	-1	-3.62
	6995	209	ax (20MHz)	MCS2	-2.79	-1.74	-4.53	-1	-3.53
	7115	233	ax (20MHz)	MCS2	-2.95	-1.74	-4.69	-1	-3.69
	6885	187	ax (40MHz)	MCS2	-2.76	-1.74	-4.50	-1	-3.50
	7005	211	ax (40MHz)	MCS2	-2.37	-1.74	-4.11	-1	-3.11
	7085	227	ax (40MHz)	MCS2	-2.50	-1.74	-4.24	-1	-3.24
	6945	199	ax (80MHz)	MCS2	-2.68	-1.74	-4.42	-1	-3.42
	7025	215	ax (80MHz)	MCS2	-2.80	-1.74	-4.54	-1	-3.54
	6985	207	ax (160MHz)	MCS4	-5.72	-1.74	-7.46	-1	-6.46

Table 7-31. Power Spectral Density Measurements Antenna 0

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-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 192



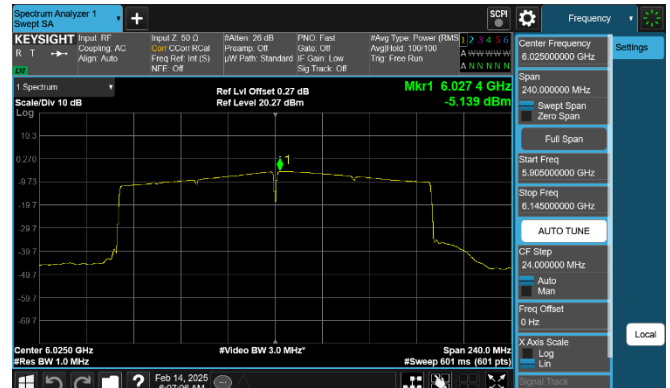
Plot 7-69. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 5) – Ch. 93)



Plot 7-71. Power Spectral Density Plot Antenna 0 (80MHz 802.11ax (UNII Band 5) – Ch. 87)

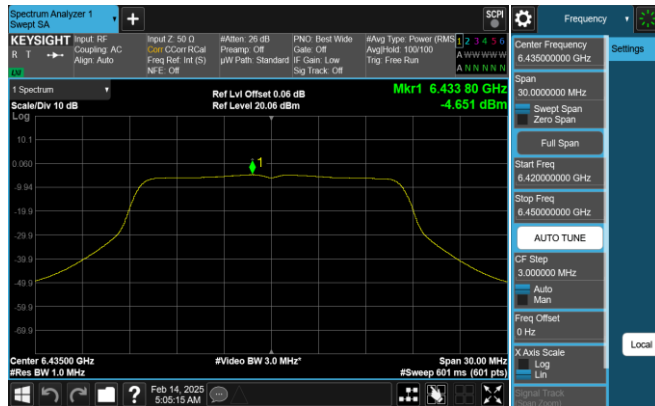


Plot 7-70. Power Spectral Density Plot Antenna 0 (40MHz 802.11ax (UNII Band 5) – Ch. 91)

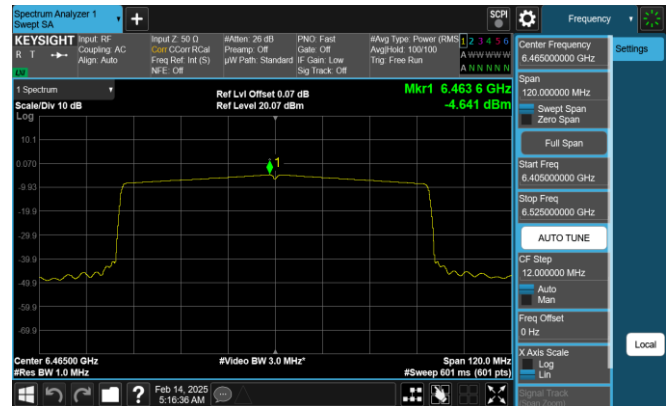


Plot 7-72. Power Spectral Density Plot Antenna 0 (160MHz 802.11ax (UNII Band 5) – Ch. 15)

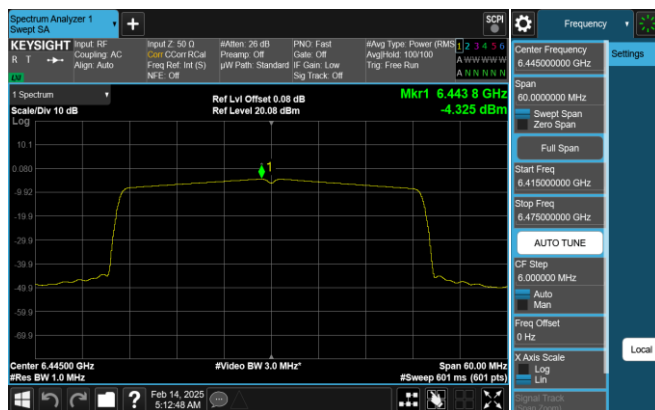
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 57 of 192



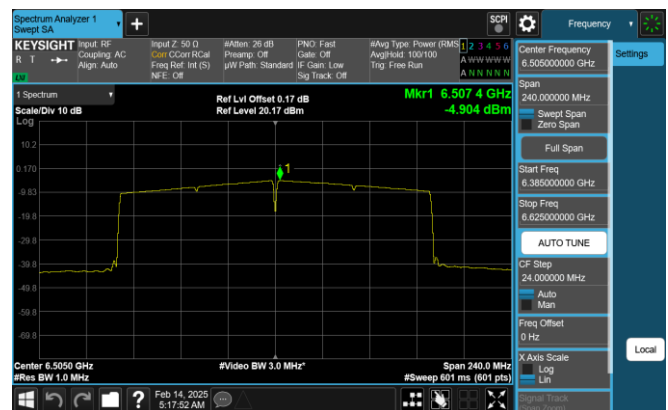
Plot 7-73. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 6) – Ch. 97)



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

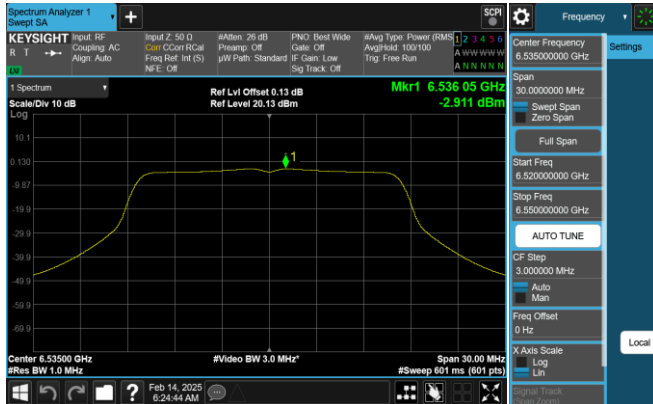


Plot 7-74. Power Spectral Density Plot Antenna 0 (40MHz 802.11ax (UNII Band 6) – Ch. 99)

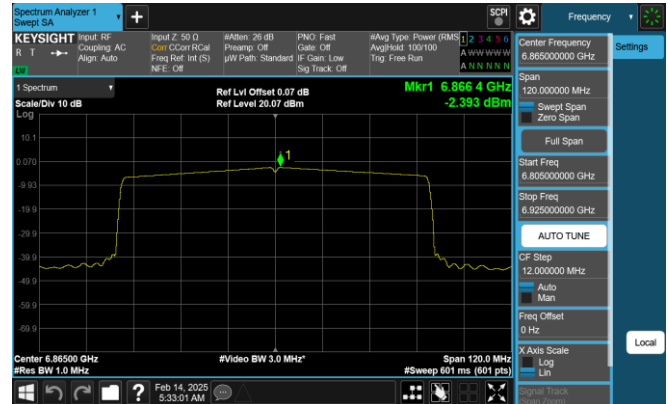


Plot 7-76. Power Spectral Density Plot Antenna 0 (160MHz 802.11ax (UNII Band 6) – Ch. 111)

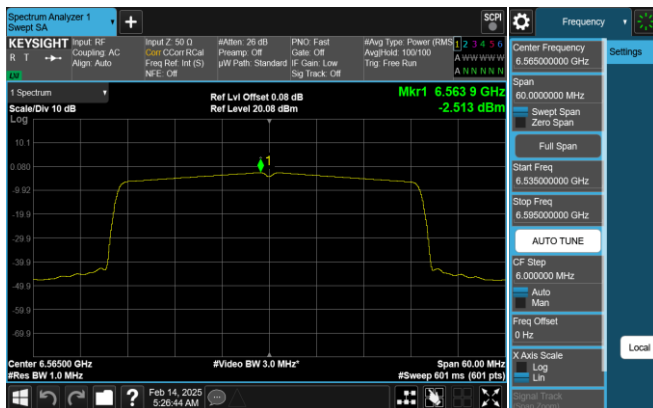
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 58 of 192



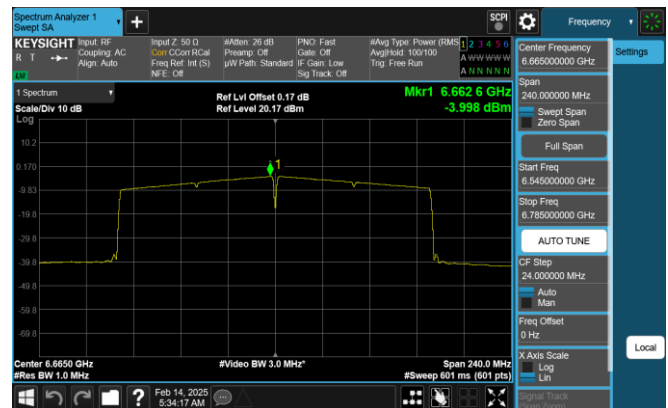
Plot 7-77. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 7) – Ch. 117)



Plot 7-79. Power Spectral Density Plot Antenna 0 (80MHz 802.11ax (UNII Band 7) – Ch. 183)

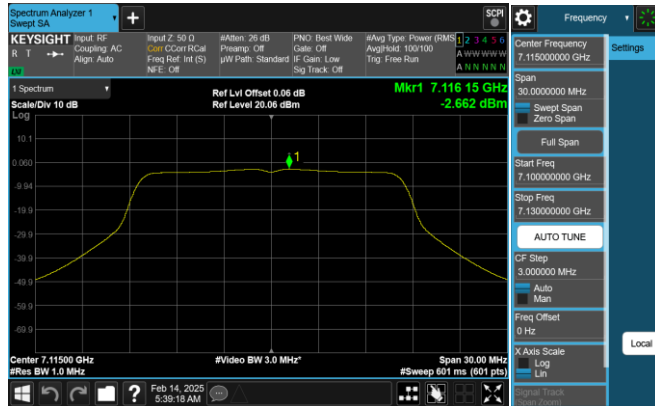


Plot 7-78. Power Spectral Density Plot Antenna 0 (40MHz 802.11ax (UNII Band 7) – Ch. 123)

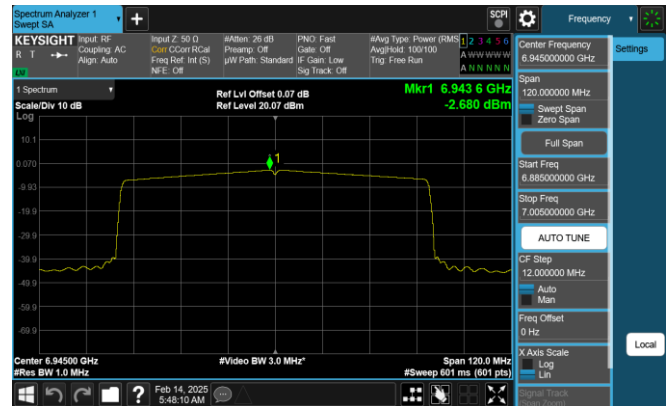


Plot 7-80. Power Spectral Density Plot Antenna 0 (160MHz 802.11ax (UNII Band 7) – Ch. 143)

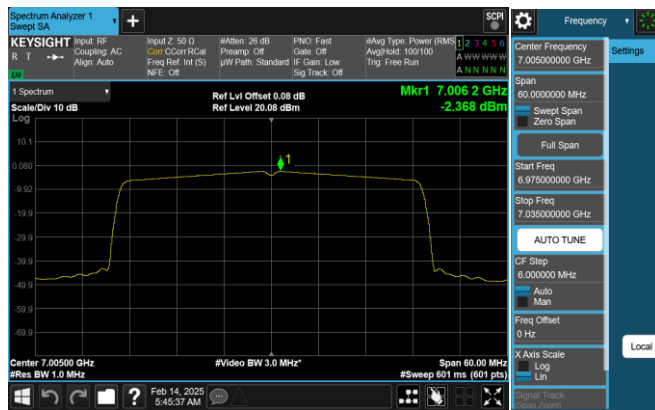
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 59 of 192



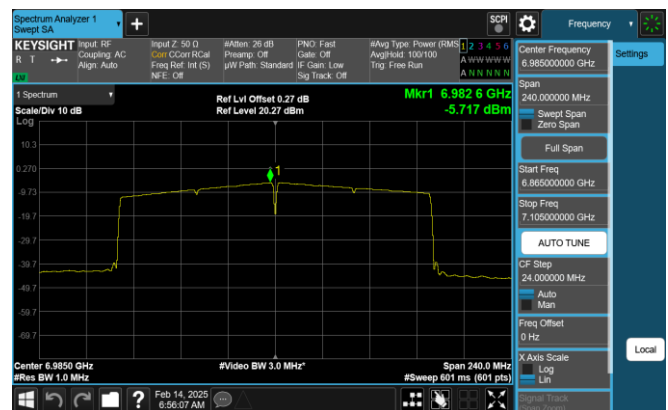
Plot 7-81. Power Spectral Density Plot Antenna 0 (20MHz 802.11a (UNII Band 8) – Ch. 233)



Plot 7-83. Power Spectral Density Plot Antenna 0 (80MHz 802.11ax (UNII Band 8) – Ch. 199)



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)

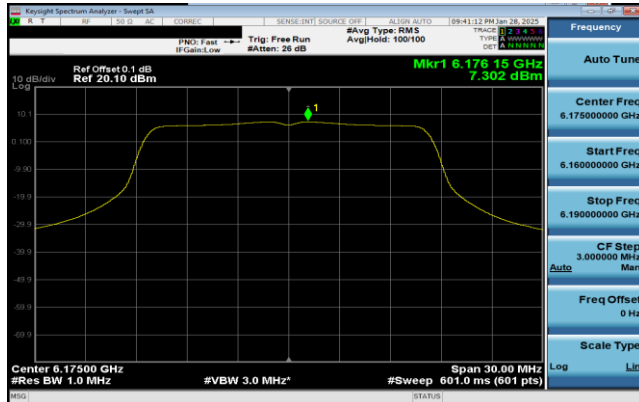
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 60 of 192

7.4.3 Antenna 1 Power Spectral Density Measurements – SP

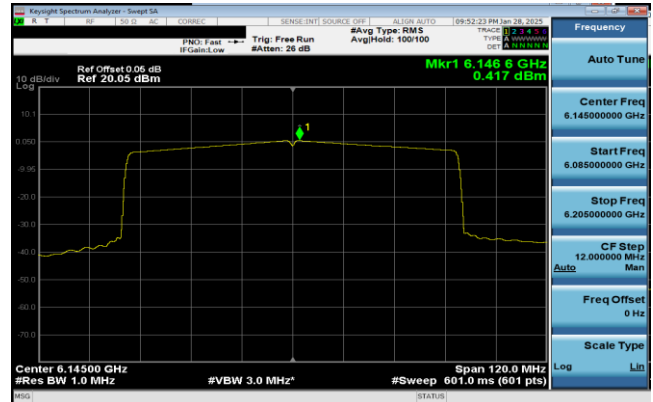
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	54Mbps	7.23	1.66	8.89	17	-8.11
	6175	45	a	12Mbps	7.30	2.33	9.63	17	-7.37
	6415	93	a	54Mbps	7.33	0.68	8.01	17	-8.99
	5955	1	ax (20MHz)	MCS2	5.23	1.66	6.89	17	-10.11
	6175	45	ax (20MHz)	MCS2	5.40	2.33	7.73	17	-9.27
	6415	93	ax (20MHz)	MCS2	5.56	0.68	6.24	17	-10.76
	5965	3	ax (40MHz)	MCS2	3.07	1.66	4.73	17	-12.28
	6165	43	ax (40MHz)	MCS2	3.08	2.33	5.41	17	-11.59
	6405	91	ax (40MHz)	MCS2	3.19	0.68	3.87	17	-13.13
	5985	7	ax (80MHz)	MCS2	0.05	1.66	1.71	17	-15.29
	6145	39	ax (80MHz)	MCS2	0.42	2.33	2.75	17	-14.25
	6385	87	ax (80MHz)	MCS4	0.61	0.68	1.29	17	-15.71
	6025	15	ax (160MHz)	MCS2	-2.96	1.66	-1.30	17	-18.30
	6181	47	ax (160MHz)	MCS2	-3.43	2.33	-1.10	17	-18.10
Band 6	6345	79	ax (160MHz)	MCS4	-3.05	0.68	-2.37	17	-19.37
	6435	97	a	54Mbps	6.70	0.28	6.98	17	-10.02
	6475	105	a	54Mbps	6.70	0.28	6.98	17	-10.03
	6515	113	a	54Mbps	7.02	0.28	7.30	17	-9.70
	6435	97	ax (20MHz)	MCS2	5.38	0.28	5.66	17	-11.34
	6475	105	ax (20MHz)	MCS2	5.33	0.28	5.61	17	-11.39
	6515	113	ax (20MHz)	MCS2	5.15	0.28	5.43	17	-11.57
	6445	99	ax (40MHz)	MCS4	3.26	0.28	3.54	17	-13.46
	6485	107	ax (40MHz)	MCS2	3.12	0.28	3.40	17	-13.60
	6525	115	ax (40MHz)	MCS4	2.94	0.28	3.22	17	-13.78
Band 7	6465	103	ax (80MHz)	MCS4	0.07	0.28	0.35	17	-16.65
	6505	111	ax (160MHz)	MCS4	-3.73	0.28	-3.45	17	-20.45
	6535	117	a	54Mbps	6.88	-0.61	6.27	17	-10.73
	6695	149	a	12Mbps	6.89	-0.61	6.28	17	-10.72
	6875	181	a	12Mbps	6.79	-0.61	6.18	17	-10.82
	6535	117	ax (20MHz)	MCS2	5.08	-0.61	4.47	17	-12.53
	6695	149	ax (20MHz)	MCS2	4.95	-0.61	4.34	17	-12.66
	6875	181	ax (20MHz)	MCS2	4.92	-0.61	4.31	17	-12.69
	6565	123	ax (40MHz)	MCS2	2.83	-0.61	2.22	17	-14.78
	6725	155	ax (40MHz)	MCS4	2.69	-0.61	2.08	17	-14.92
	6845	179	ax (40MHz)	MCS4	2.74	-0.61	2.13	17	-14.87
	6545	119	ax (80MHz)	MCS4	-0.84	-0.61	-1.45	17	-18.45
	6705	151	ax (80MHz)	MCS2	0.01	-0.61	-0.60	17	-17.60
	6865	167	ax (80MHz)	MCS2	-0.43	-0.61	-1.04	17	-18.04
	6665	143	ax (160MHz)	MCS2	-3.86	-0.61	-4.47	17	-21.47

Table 7-32. Power Spectral Density Measurements Antenna 1

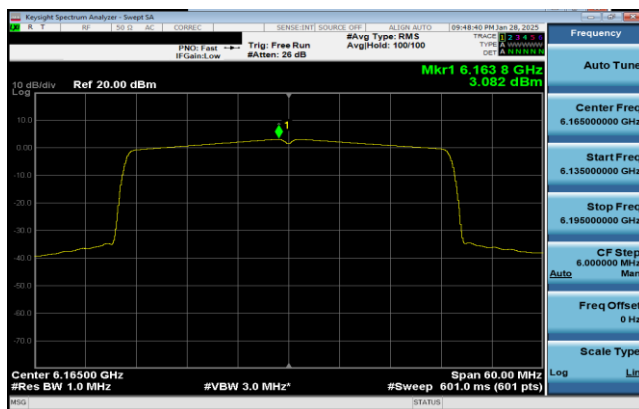
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 61 of 192



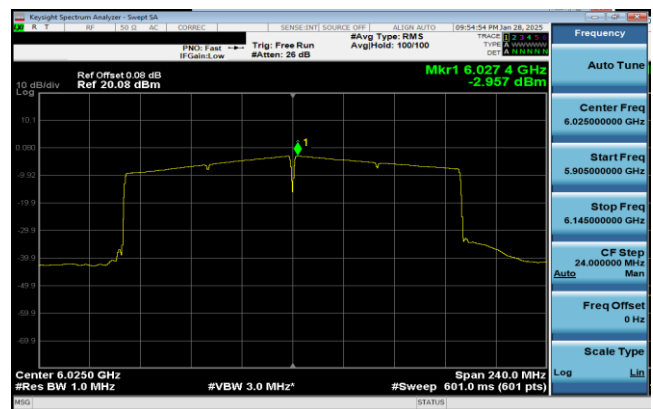
Plot 7-85. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 5) – Ch. 45)



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

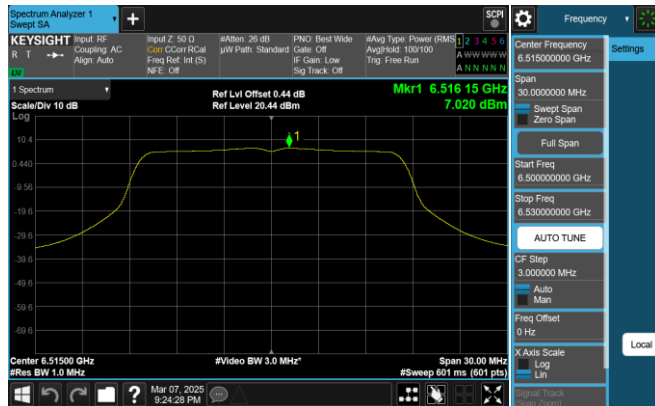


Plot 7-86. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 5) – Ch. 43)

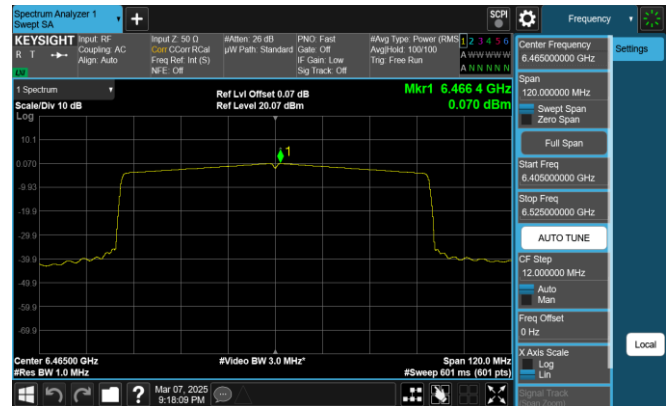


Plot 7-88. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 5) – Ch. 47)

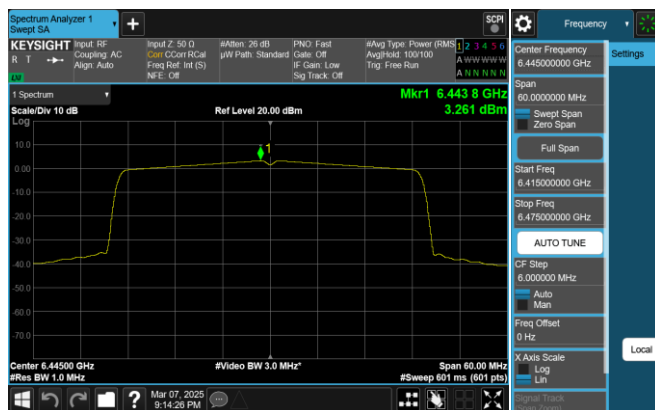
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 62 of 192



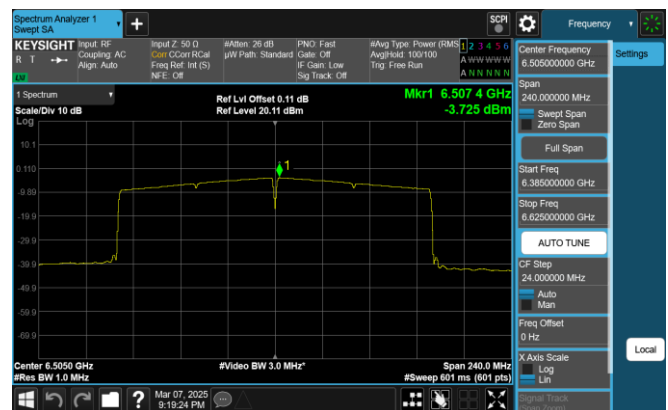
Plot 7-89. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 6) – Ch. 113)



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

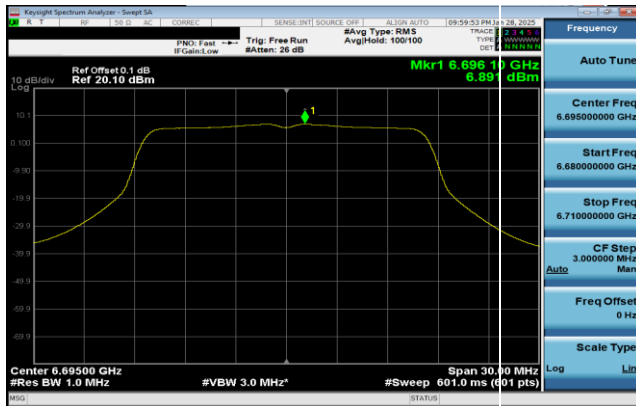


Plot 7-90. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 6) – Ch. 99)



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

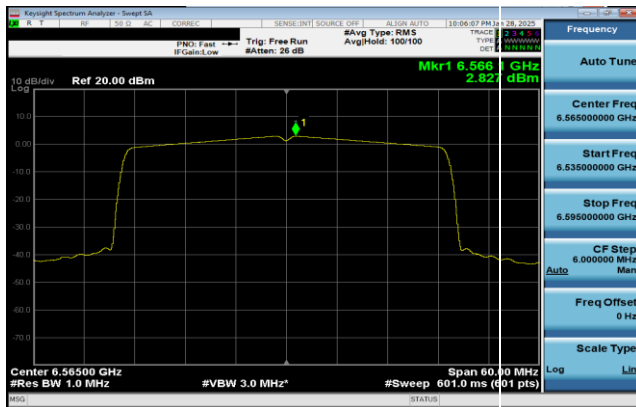
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 63 of 192



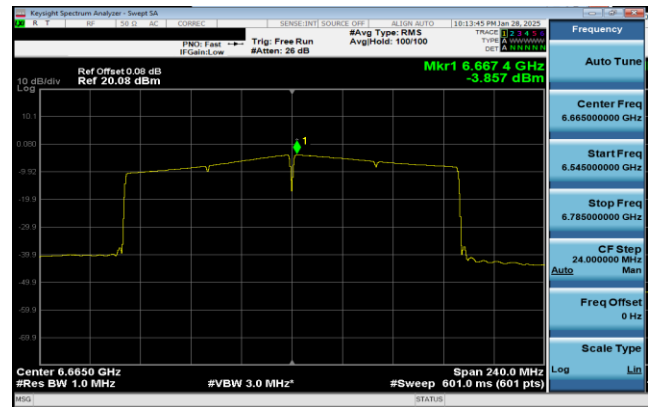
Plot 7-93. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 7) – Ch. 149)



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. 123)



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

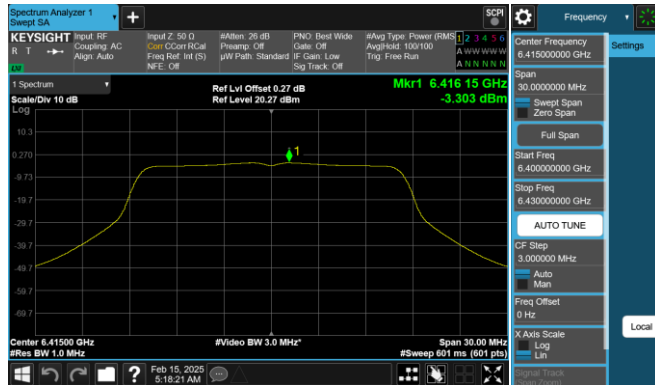
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 64 of 192

7.4.4 Antenna 1 Power Spectral Density Measurements – LPI

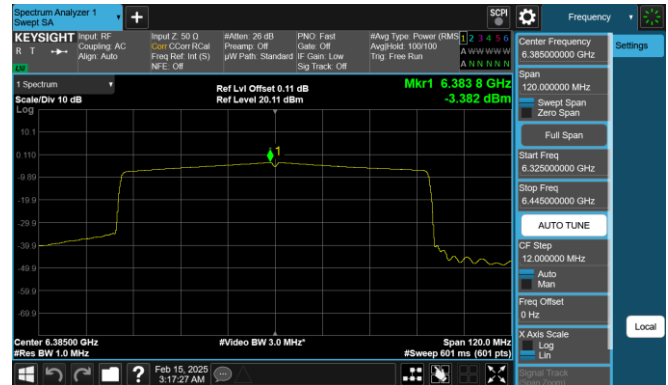
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	24Mbps	-5.99	1.66	-4.33	-1	-3.33
	6175	45	a	54Mbps	-5.74	2.33	-3.41	-1	-2.41
	6415	93	a	54Mbps	-3.30	0.68	-2.62	-1	-1.62
	5955	1	ax (20MHz)	MCS2	-6.24	1.66	-4.58	-1	-3.58
	6175	45	ax (20MHz)	MCS4	-6.26	2.33	-3.93	-1	-2.93
	6415	93	ax (20MHz)	MCS2	-3.82	0.68	-3.14	-1	-2.14
	5965	3	ax (40MHz)	MCS2	-6.01	1.66	-4.35	-1	-3.35
	6165	43	ax (40MHz)	MCS2	-5.89	2.33	-3.56	-1	-2.56
	6405	91	ax (40MHz)	MCS2	-3.78	0.68	-3.10	-1	-2.10
	5985	7	ax (80MHz)	MCS2	-5.89	1.66	-4.23	-1	-3.23
	6145	39	ax (80MHz)	MCS2	-5.65	2.33	-3.32	-1	-2.32
	6385	87	ax (80MHz)	MCS2	-3.38	0.68	-2.70	-1	-1.70
	6025	15	ax (160MHz)	MCS2	-5.16	1.66	-3.50	-1	-2.50
	6185	47	ax (160MHz)	MCS2	-5.62	2.33	-3.29	-1	-2.29
Band 6	6345	79	ax (160MHz)	MCS2	-3.50	0.68	-2.82	-1	-1.82
	6435	97	a	54Mbps	-4.43	0.28	-4.15	-1	-3.15
	6475	105	a	54Mbps	-4.68	0.28	-4.40	-1	-3.40
	6515	113	a	54Mbps	-4.95	0.28	-4.67	-1	-3.67
	6435	97	ax (20MHz)	MCS4	-4.92	0.28	-4.64	-1	-3.64
	6475	105	ax (20MHz)	MCS2	-5.15	0.28	-4.87	-1	-3.87
	6515	113	ax (20MHz)	MCS2	-5.50	0.28	-5.22	-1	-4.22
	6445	99	ax (40MHz)	MCS2	-4.82	0.28	-4.54	-1	-3.54
	6485	107	ax (40MHz)	MCS2	-5.03	0.28	-4.75	-1	-3.75
	6525	115	ax (40MHz)	MCS2	-4.89	0.28	-4.61	-1	-3.61
Band 7	6465	103	ax (80MHz)	MCS4	-4.64	0.28	-4.36	-1	-3.36
	6505	111	ax (160MHz)	MCS2	-5.10	0.28	-4.82	-1	-3.82
	6535	117	a	12Mbps	-2.96	-0.61	-3.57	-1	-2.57
	6695	149	a	54Mbps	-2.72	-0.61	-3.33	-1	-2.33
	6875	185	a	54Mbps	-2.70	-0.61	-3.31	-1	-2.31
	6535	117	ax (20MHz)	MCS2	-3.43	-0.61	-4.04	-1	-3.04
	6695	149	ax (20MHz)	MCS2	-3.19	-0.61	-3.80	-1	-2.80
	6875	185	ax (20MHz)	MCS2	-3.10	-0.61	-3.71	-1	-2.71
	6565	123	ax (40MHz)	MCS2	-3.12	-0.61	-3.73	-1	-2.73
	6725	155	ax (40MHz)	MCS2	-3.65	-0.61	-4.26	-1	-3.26
	6845	179	ax (40MHz)	MCS2	-3.16	-0.61	-3.77	-1	-2.77
	6545	119	ax (80MHz)	MCS2	-5.06	-0.61	-5.67	-1	-4.67
Band 8	6705	151	ax (80MHz)	MCS2	-2.81	-0.61	-3.42	-1	-2.42
	6865	183	ax (80MHz)	MCS2	-3.08	-0.61	-3.69	-1	-2.69
	6665	143	ax (160MHz)	MCS2	-4.38	-0.61	-4.99	-1	-3.99
	6825	175	ax (160MHz)	MCS4	-5.84	-0.61	-6.45	-1	-5.45
	6895	189	a	54Mbps	-2.64	-0.38	-3.02	-1	-2.02
	6995	209	a	54Mbps	-2.53	-0.38	-2.91	-1	-1.91
	7115	233	a	12Mbps	-2.88	-0.38	-3.26	-1	-2.26
	6895	189	ax (20MHz)	MCS2	-3.03	-0.38	-3.41	-1	-2.41
	6995	209	ax (20MHz)	MCS2	-2.88	-0.38	-3.26	-1	-2.26
	7115	233	ax (20MHz)	MCS2	-2.83	-0.38	-3.21	-1	-2.21
	6885	187	ax (40MHz)	MCS2	-3.51	-0.38	-3.89	-1	-2.89
	7005	211	ax (40MHz)	MCS2	-2.60	-0.38	-2.98	-1	-1.98
	7085	227	ax (40MHz)	MCS2	-2.67	-0.38	-3.05	-1	-2.05
	6945	199	ax (80MHz)	MCS4	-2.58	-0.38	-2.96	-1	-1.96
	7025	215	ax (80MHz)	MCS4	-2.48	-0.38	-2.86	-1	-1.86
	6985	207	ax (160MHz)	MCS4	-5.44	-0.38	-5.82	-1	-4.82

Table 7-33. Power Spectral Density Measurements Antenna 1

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-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 192



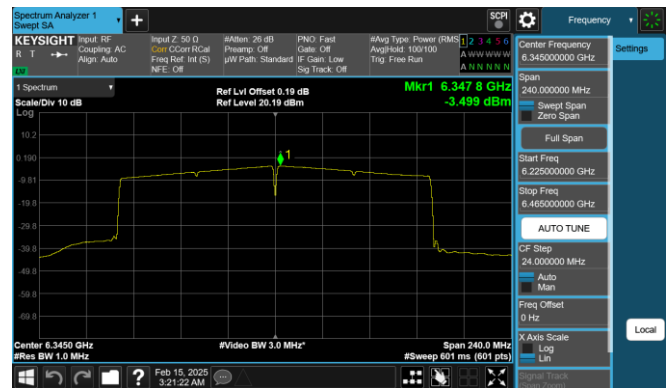
Plot 7-97. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 5) – Ch. 93)



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

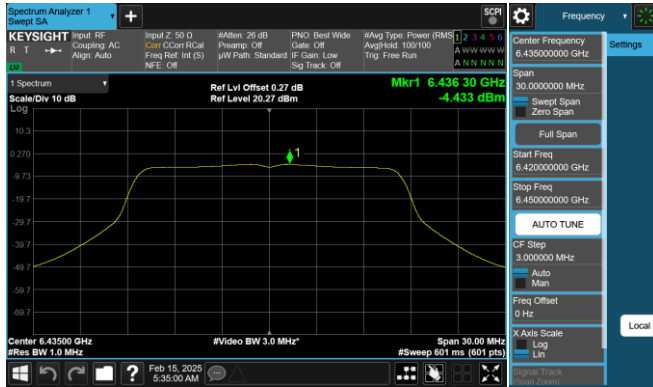


Plot 7-98. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 5) – Ch. 91)

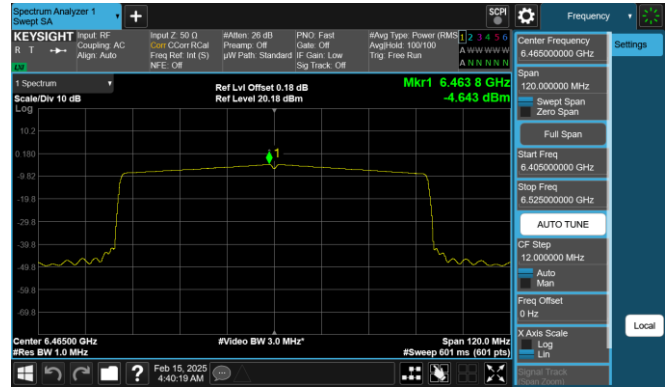


Plot 7-100. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 5) – Ch. 79)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-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 192



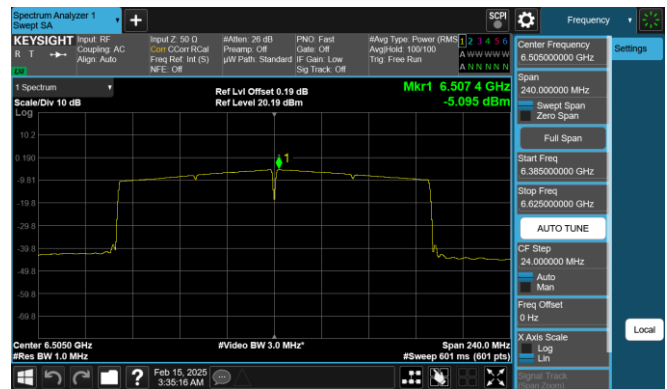
Plot 7-101. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 6) – Ch. 97)



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

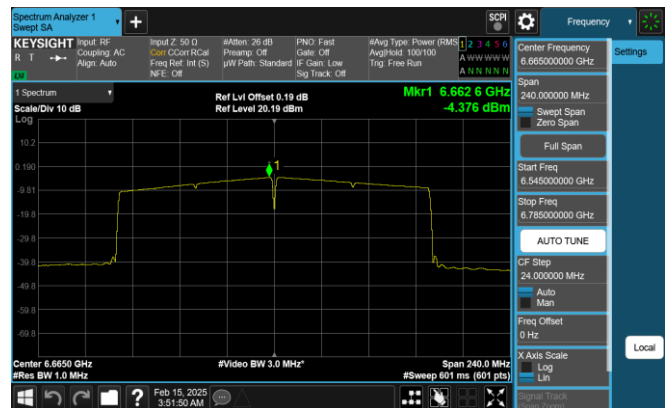
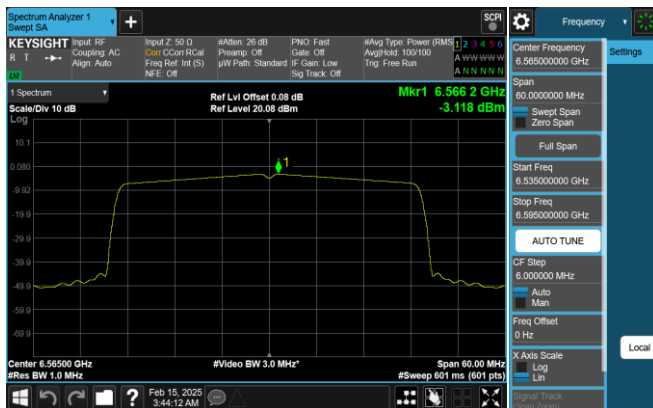
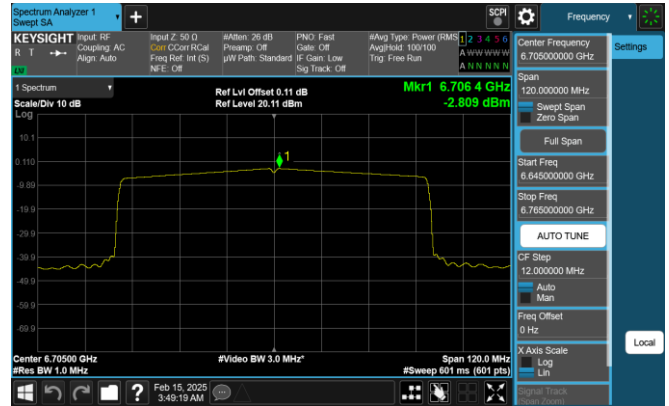
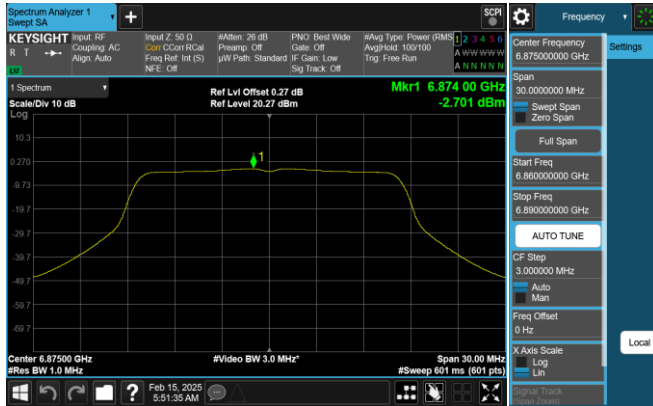


Plot 7-102. Power Spectral Density Plot Antenna 1 (40MHz 802.11ax (UNII Band 6) – Ch. 99)

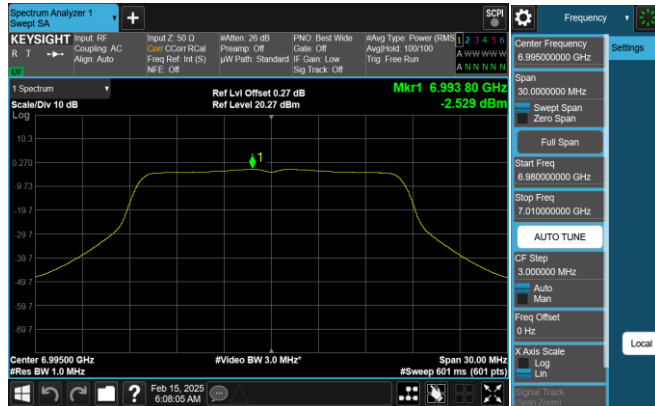


Plot 7-104. Power Spectral Density Plot Antenna 1 (160MHz 802.11ax (UNII Band 6) – Ch. 111)

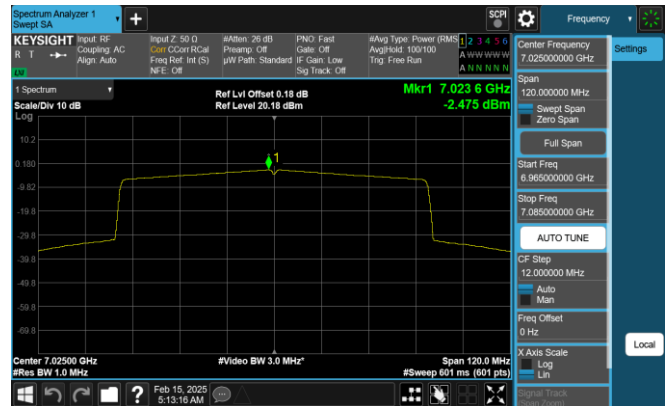
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 67 of 192



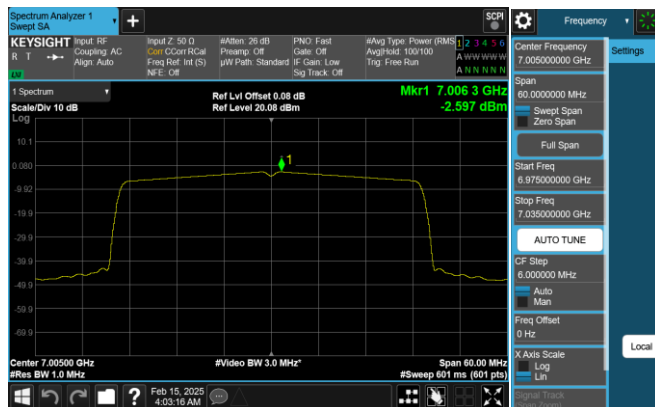
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 68 of 192



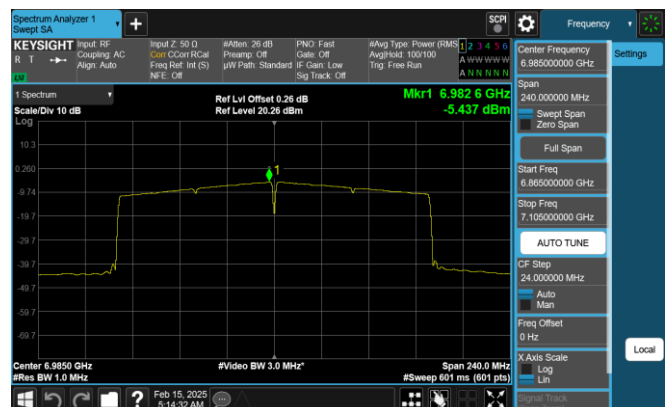
Plot 7-109. Power Spectral Density Plot Antenna 1 (20MHz 802.11a (UNII Band 8) – Ch. 209)



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. 211)



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

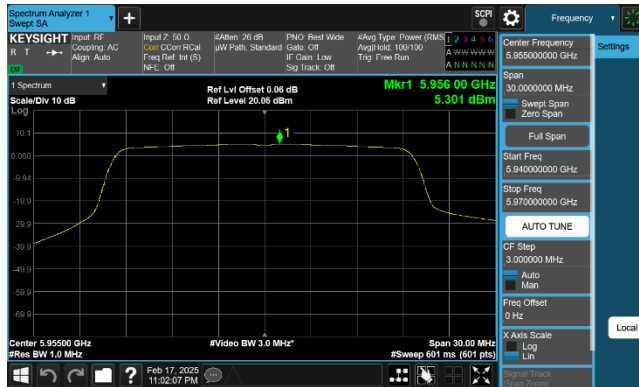
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 69 of 192

7.4.5 CDD Power Spectral Density Measurements – SP

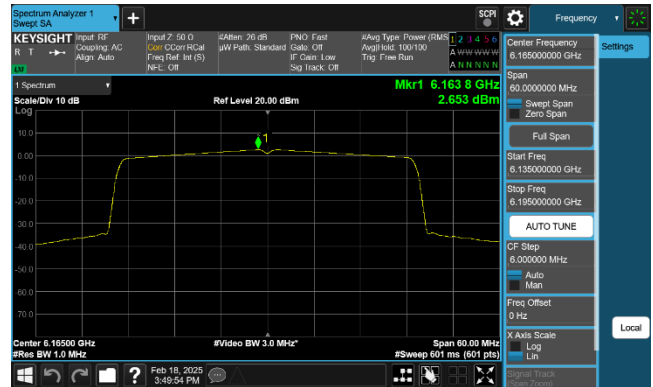
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna 0 Measured Power Density [dBm/MHz]	Antenna 1 Measured Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	CDD	MCS2	5.40	5.12	8.27	5.12	13.39	17	-3.61
	6175	45	ax (20MHz)	CDD	MCS4	5.29	4.96	8.14	5.53	13.67	17	-3.33
	6415	93	ax (20MHz)	CDD	MCS4	4.97	5.04	8.02	3.79	11.81	17	-5.19
	5965	3	ax (40MHz)	CDD	MCS4	3.03	3.01	6.03	5.12	11.15	17	-5.85
	6165	43	ax (40MHz)	CDD	MCS2	2.92	2.65	5.80	5.53	11.33	17	-5.67
	6405	91	ax (40MHz)	CDD	MCS4	3.14	2.64	5.90	3.79	9.69	17	-7.31
	5985	7	ax (80MHz)	CDD	MCS4	-0.12	-0.30	2.80	5.12	7.92	17	-9.08
	6145	39	ax (80MHz)	CDD	MCS4	-0.31	0.17	2.94	5.53	8.48	17	-8.52
	6385	87	ax (80MHz)	CDD	MCS2	0.31	-0.66	2.87	3.79	6.66	17	-10.34
	6025	15	ax (160MHz)	CDD	MCS2	-3.25	-3.93	-0.56	5.12	4.56	17	-12.44
Band 6	6181	47	ax (160MHz)	CDD	MCS4	-4.17	-4.38	-1.27	5.53	4.27	17	-12.73
	6345	79	ax (160MHz)	CDD	MCS2	-3.30	-3.85	-0.56	3.79	3.23	17	-13.77
	6435	97	ax (20MHz)	CDD	MCS2	5.10	5.32	8.22	3.93	12.15	17	-4.85
	6475	105	ax (20MHz)	CDD	MCS4	5.19	5.31	8.26	3.93	12.19	17	-4.81
	6515	113	ax (20MHz)	CDD	MCS4	5.06	5.12	8.10	3.93	12.03	17	-4.97
	6445	99	ax (40MHz)	CDD	MCS4	2.96	3.21	6.10	3.93	10.03	17	-6.97
	6485	107	ax (40MHz)	CDD	MCS2	2.92	3.12	6.03	3.93	9.96	17	-7.04
	6525	115	ax (40MHz)	CDD	MCS2	2.84	3.03	5.94	3.93	9.88	17	-7.12
	6465	103	ax (80MHz)	CDD	MCS4	0.14	0.13	3.14	3.93	7.07	17	-9.93
	6505	111	ax (160MHz)	CDD	MCS4	-3.67	-3.23	-0.43	3.93	3.50	17	-13.50
Band 7	6535	117	ax (20MHz)	CDD	MCS4	4.76	4.60	7.69	2.59	10.28	17	-6.72
	6695	149	ax (20MHz)	CDD	MCS4	4.93	4.15	7.57	2.59	10.15	17	-6.85
	6875	181	ax (20MHz)	CDD	MCS4	4.46	4.41	7.45	2.59	10.04	17	-6.96
	6565	123	ax (40MHz)	CDD	MCS4	2.46	2.34	5.41	2.59	8.00	17	-9.00
	6725	155	ax (40MHz)	CDD	MCS4	2.75	1.98	5.39	2.59	7.98	17	-9.02
	6845	179	ax (40MHz)	CDD	MCS2	2.35	2.28	5.32	2.59	7.91	17	-9.09
	6545	119	ax (80MHz)	CDD	MCS4	-0.44	-0.91	2.34	2.59	4.93	17	-12.07
	6705	151	ax (80MHz)	CDD	MCS4	-0.14	-0.65	2.62	2.59	5.21	17	-11.79
	6865	167	ax (80MHz)	CDD	MCS2	-0.15	-0.73	2.58	2.59	5.17	17	-11.83
	6665	143	ax (160MHz)	CDD	MCS2	-4.22	-4.67	-1.43	2.59	1.16	17	-15.84

Table 7-34. Power Spectral Density Measurements CDD

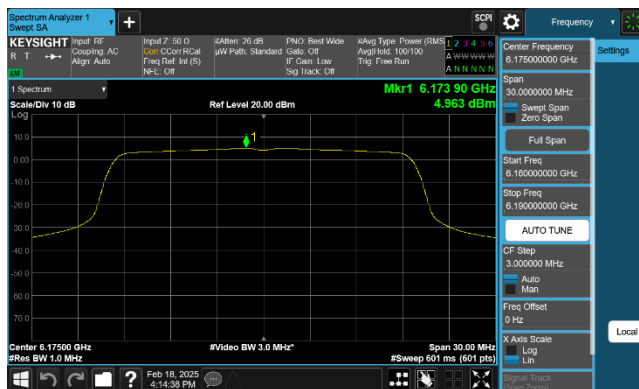
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 70 of 192



Plot 7-113. Power Spectral Density Plot CDD Antenna 0 (20MHz 802.11ax (UNII Band 5) – Ch. 45)



Plot 7-116. Power Spectral Density Plot CDD Antenna 1 (40MHz 802.11ax (UNII Band 5) – Ch. 43)



Plot 7-114. Power Spectral Density Plot CDD Antenna 1 (20MHz 802.11ax (UNII Band 5) – Ch. 45)



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

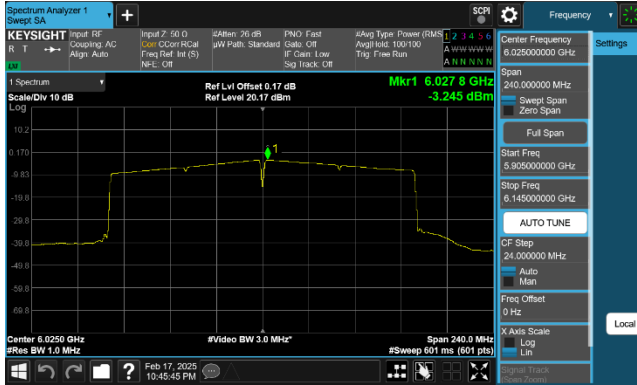


Plot 7-115. Power Spectral Density Plot CDD Antenna 0 (40MHz 802.11ax (UNII Band 5) – Ch. 43)



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

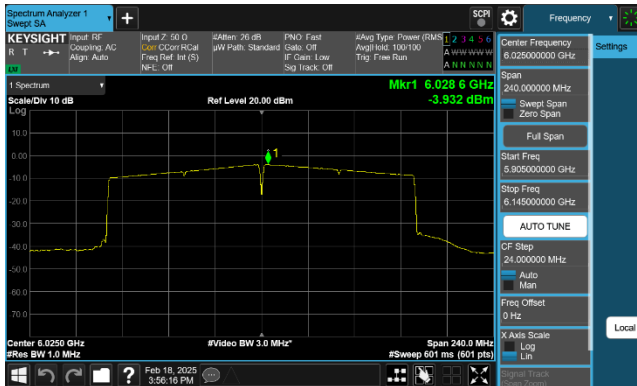
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 71 of 192



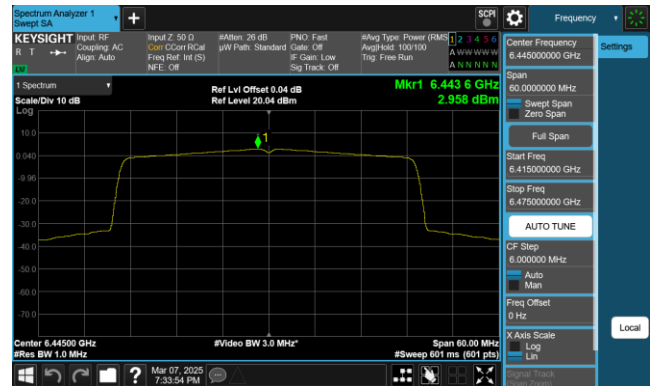
Plot 7-119. Power Spectral Density Plot CDD Antenna 0 (160MHz 802.11ax (UNII Band 5) – Ch. 15)



Plot 7-122. Power Spectral Density Plot CDD Antenna 1 (20MHz 802.11ax (UNII Band 6) – Ch. 105)



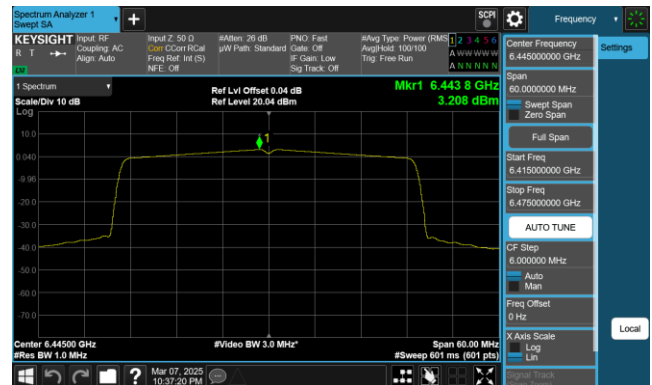
Plot 7-120. Power Spectral Density Plot CDD Antenna 1 (160MHz 802.11ax (UNII Band 5) – Ch. 15)



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

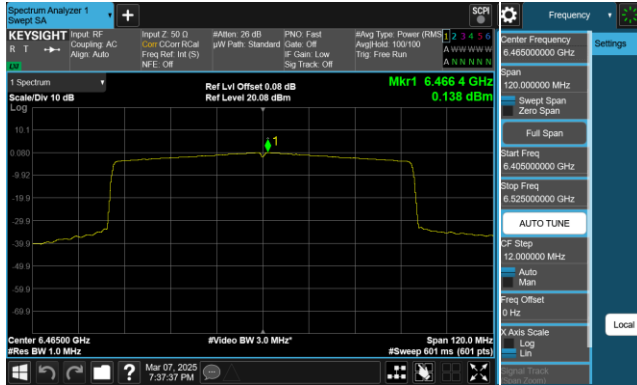


Plot 7-121. Power Spectral Density Plot CDD Antenna 0 (20MHz 802.11ax (UNII Band 6) – Ch. 105)

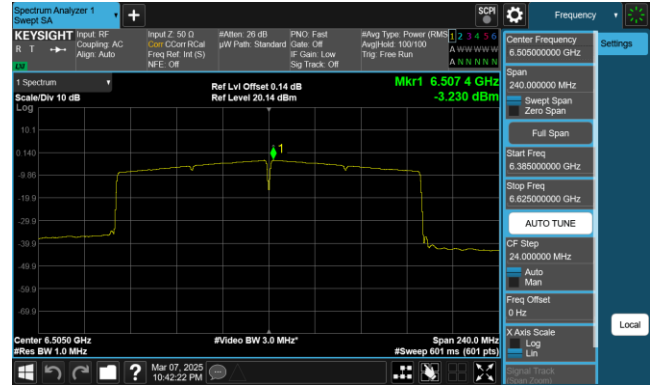


Plot 7-124. Power Spectral Density Plot CDD Antenna 1 (40MHz 802.11ax (UNII Band 6) – Ch. 99)

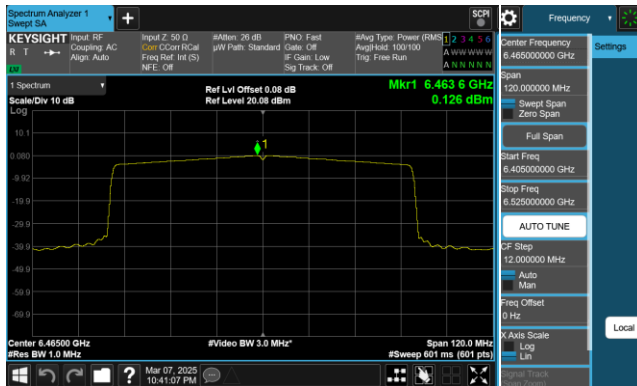
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 72 of 192



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



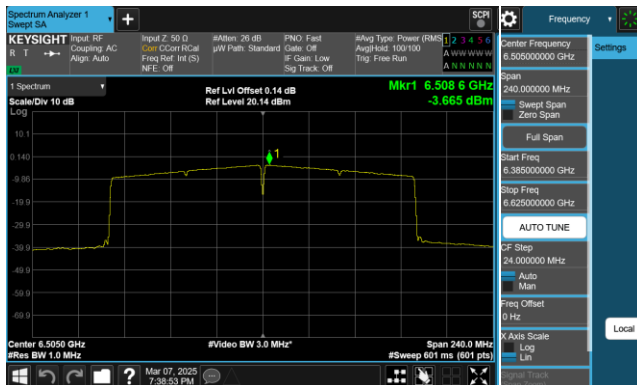
Plot 7-128. Power Spectral Density Plot CDD Antenna 1 (160MHz 802.11ax (UNII Band 6) - Ch. 111)



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



Plot 7-129. Power Spectral Density Plot CDD Antenna 0 (20MHz 802.11ax (UNII Band 7) - Ch. 117)



Plot 7-127. Power Spectral Density Plot CDD Antenna 0 (160MHz 802.11ax (UNII Band 6) - Ch. 111)



Plot 7-130. Power Spectral Density Plot CDD Antenna 1 (20MHz 802.11ax (UNII Band 7) - Ch. 117)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 12/12/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-09-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 73 of 192