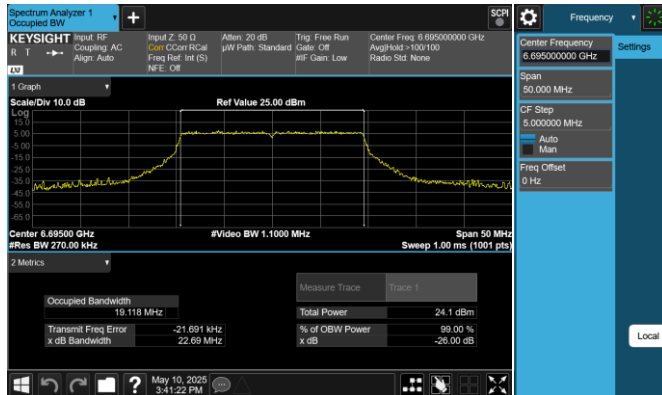
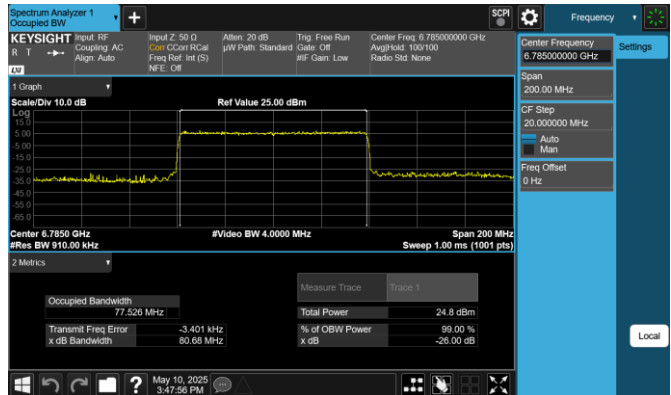
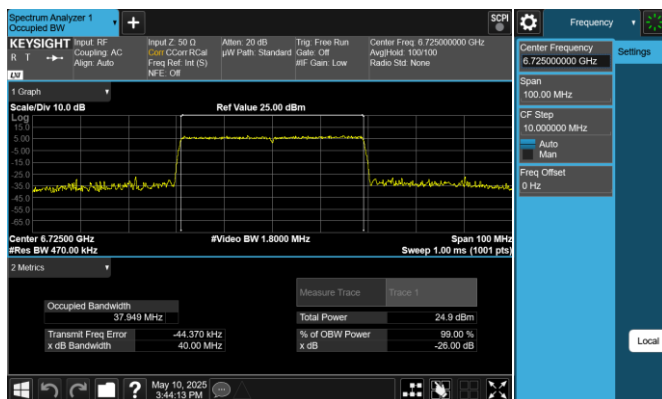




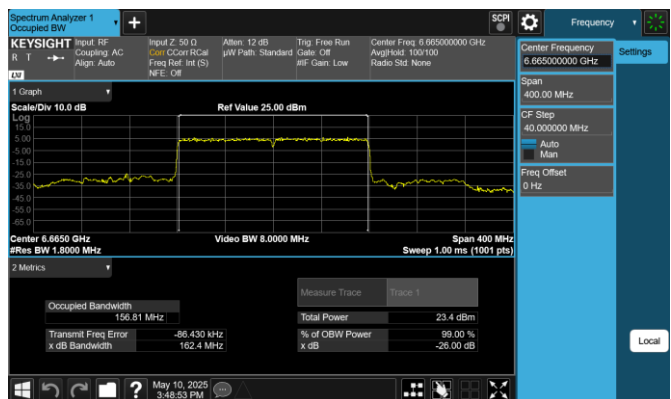
Plot 7-77. 26dB & 99% Bandwidth Plot Antenna 1 (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-79. 26dB & 99% Bandwidth Plot Antenna 1 (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 167)



Plot 7-78. 26dB & 99% Bandwidth Plot Antenna 1 (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



Plot 7-80. 26dB & 99% Bandwidth Plot Antenna 1 (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 43 of 325

7.2.4 Antenna 1 26dB & 99% Bandwidth Measurements – LPI

Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5									
5955	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.39	12.92	320	Pass
5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.79	18.08	320	Pass
5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.33	19.93	320	Pass
6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.41	20.35	320	Pass
6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.95	18.07	320	Pass
6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.25	20.10	320	Pass
6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.44	20.01	320	Pass
6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.67	17.90	320	Pass
6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.48	20.35	320	Pass
5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.72	18.85	320	Pass
5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.43	21.60	320	Pass
5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.60	18.85	320	Pass
6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.65	18.79	320	Pass
6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.46	21.72	320	Pass
6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.64	18.91	320	Pass
6405	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.65	18.91	320	Pass
6405	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.59	21.43	320	Pass
6405	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.60	18.86	320	Pass
5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.59	19.30	320	Pass
5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	36.45	38.83	320	Pass
5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.75	19.22	320	Pass
6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.00	19.39	320	Pass
6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	36.33	38.39	320	Pass
6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.93	19.17	320	Pass
6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.88	19.27	320	Pass
6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	36.53	38.50	320	Pass
6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.92	19.21	320	Pass
6025	15 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	17.73	19.15	320	Pass
6025	15 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.05	21.57	320	Pass
6025	15 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	17.94	19.49	320	Pass
6185	47 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.16	19.42	320	Pass
6185	47 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.02	21.92	320	Pass
6185	47 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	18.11	19.46	320	Pass
6345	79 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	17.06	18.60	320	Pass
6345	79 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.37	21.73	320	Pass
6345	79 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	18.09	19.52	320	Pass
6435	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.23	19.86	320	Pass
6435	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.00	18.09	320	Pass
6435	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.40	20.27	320	Pass
6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.30	20.71	320	Pass
6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.01	18.07	320	Pass
6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.35	20.10	320	Pass
6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.41	19.95	320	Pass
6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.97	18.08	320	Pass
6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.33	20.20	320	Pass
6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.63	18.86	320	Pass
6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.56	21.76	320	Pass
6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.61	18.93	320	Pass
6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.62	18.88	320	Pass
6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.63	21.54	320	Pass
6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.64	18.91	320	Pass
6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.69	18.97	320	Pass
6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.70	21.49	320	Pass
6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.62	18.92	320	Pass
6465	103	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.07	19.14	320	Pass
6465	103	ax (80MHz)	26	18	12.5/14.7 (MCS11)	36.61	38.90	320	Pass
6465	103	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.77	19.04	320	Pass
6505	111 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	17.69	19.23	320	Pass
6505	111 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.44	22.33	320	Pass
6505	111 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	18.01	19.24	320	Pass
6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.34	20.10	320	Pass
6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.97	18.10	320	Pass
6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.29	20.05	320	Pass
6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.37	20.16	320	Pass
6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.83	17.93	320	Pass
6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	20.13	320	Pass
6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.33	19.97	320	Pass
6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.92	18.09	320	Pass
6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.26	20.00	320	Pass
6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.67	18.89	320	Pass
6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.68	21.75	320	Pass
6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.53	18.80	320	Pass
6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.72	18.87	320	Pass
6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.55	21.80	320	Pass
6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.55	18.90	320	Pass
6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.64	18.86	320	Pass
6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.52	21.17	320	Pass
6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.58	18.93	320	Pass
6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.00	19.48	320	Pass
6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	36.50	38.24	320	Pass
6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.82	19.10	320	Pass
6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.97	19.36	320	Pass
6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	36.56	38.47	320	Pass
6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.87	19.11	320	Pass
6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.92	19.26	320	Pass
6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	35.93	38.35	320	Pass
6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.95	19.19	320	Pass
6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.13	19.56	320	Pass
6665	143 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	18.80	19.75	320	Pass
6665	143 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	17.86	19.51	320	Pass
6825	175 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.10	19.32	320	Pass
6825	175 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.46	22.37	320	Pass
6825	175 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	18.13	19.48	320	Pass
6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.36	20.01	320	Pass
6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.78	18.15	320	Pass
6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.41	20.23	320	Pass
6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.44	20.43	320	Pass
6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.03	18.15	320	Pass
6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	20.08	320	Pass
7095	229	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.35	20.19	320	Pass
7095	229	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.91	18.21	320	Pass
7095	229	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.32	20.07	320	Pass
6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.63	18.88	320	Pass
6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.58	21.79	320	Pass
6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.62	18.90	320	Pass
7005	211	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.61	18.83	320	Pass
7005	211	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.55	21.36	320	Pass
7005	211	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.50	18.81	320	Pass
7085	227	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.66	18.81	320	Pass
7085	227	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.74	22.18	320	Pass
7085	227	ax (40MHz)	26	17	12.5/14.7 (MCS11)	17.64	18.88	320	Pass
6945	199	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.88	19.45	320	Pass
6945	199	ax (80MHz)	26	18	12.5/14.7 (MCS11)	35.52	38.41	320	Pass
6945	199	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.97	19.25	320	Pass
7025	215	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.92	19.50	320	Pass
7025	215	ax (80MHz)	26	18	12.5/14.7 (MCS11)	36.20	38.18	320	Pass
7025	215	ax (80MHz)	26	36	12.5/14.7 (MCS11)	17.81	19.20	320	Pass
6985	207 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	17.86	19.28	320	Pass
6985	207 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.78	22.85	320	Pass
6985	207 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	18.12	19.42	320	Pass

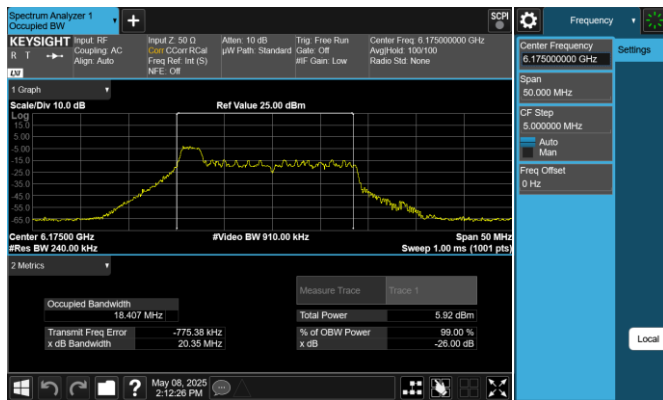
Table 7-8. Conducted Bandwidth Measurements Antenna 1 (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 44 of 325

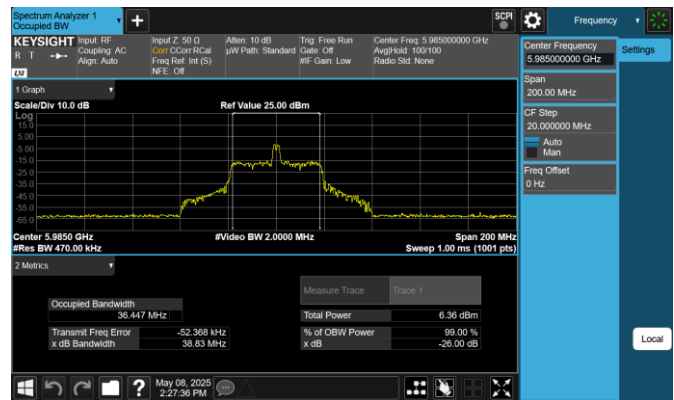
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.12	22.58	320	Pass
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.10	22.68	320	Pass
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.13	22.65	320	Pass
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.89	39.89	320	Pass
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.92	39.97	320	Pass
	6405	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.92	39.92	320	Pass
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.53	80.75	320	Pass
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.51	80.74	320	Pass
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.50	80.73	320	Pass
	6025	15	ax (160MHz)	996	68	1020.8/1201 (MCS11)	156.86	162.50	320	Pass
Band 6	6185	47	ax (160MHz)	996	68	1020.8/1201 (MCS11)	156.77	162.49	320	Pass
	6345	79	ax (160MHz)	996	68	1020.8/1201 (MCS11)	156.90	162.47	320	Pass
	6435	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.12	23.01	320	Pass
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.13	22.71	320	Pass
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.15	22.24	320	Pass
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.90	39.90	320	Pass
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.88	39.86	320	Pass
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.95	39.91	320	Pass
	6465	103	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.58	80.72	320	Pass
	6505	111	ax (160MHz)	996	68	1020.8/1201 (MCS11)	156.81	162.56	320	Pass
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.12	22.51	320	Pass
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.09	22.60	320	Pass
	6875	185	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.11	22.40	320	Pass
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.92	39.93	320	Pass
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.92	40.01	320	Pass
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.96	39.90	320	Pass
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.54	80.71	320	Pass
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.51	80.72	320	Pass
	6865	183	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.49	80.78	320	Pass
	6665	143	ax (160MHz)	996	68	1020.8/1201 (MCS11)	156.71	162.86	320	Pass
Band 8	6825	175	ax (160MHz)	996	68	1020.8/1201 (MCS11)	156.72	162.37	320	Pass
	6895	189	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.16	22.66	320	Pass
	6995	209	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.13	22.24	320	Pass
	7095	229	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.13	22.54	320	Pass
	6885	187	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.90	39.85	320	Pass
	7005	211	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.88	39.88	320	Pass
	7085	227	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.94	39.81	320	Pass
	6945	199	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.56	80.68	320	Pass
	7025	215	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.51	80.65	320	Pass
	6985	207	ax (160MHz)	996	68	1020.8/1201 (MCS11)	156.96	162.45	320	Pass

Table 7-9. Conducted Bandwidth Measurements Antenna 1 (Fully – Loaded RU)

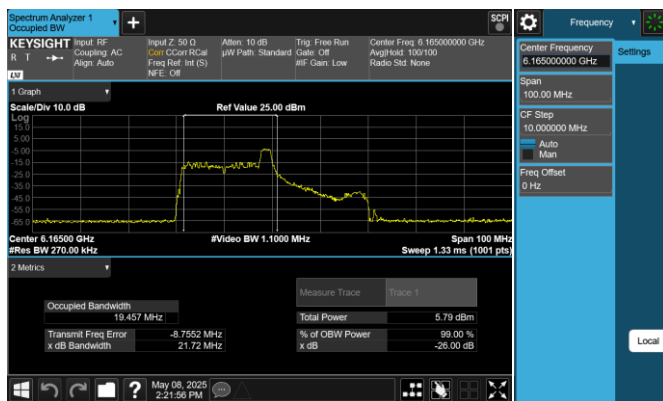
FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 45 of 325



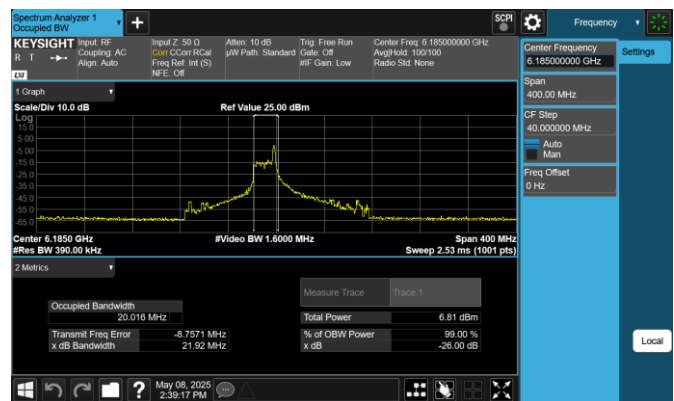
Plot 7-81. 26dB & 99% Bandwidth Plot Antenna 1 (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-83. 26dB & 99% Bandwidth Plot Antenna 1 (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 7)



Plot 7-82. 26dB & 99% Bandwidth Plot Antenna 1 (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

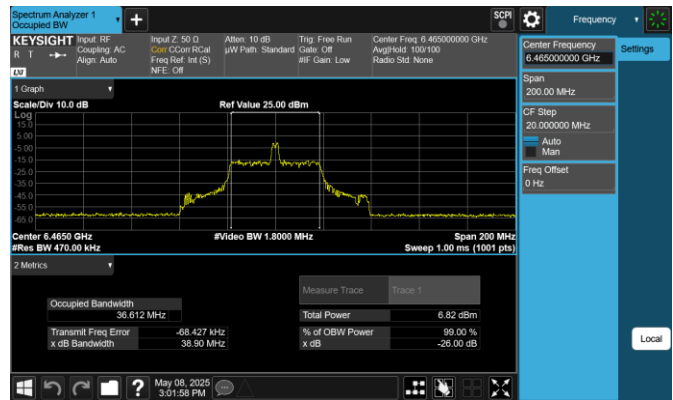


Plot 7-84. 26dB & 99% Bandwidth Plot Antenna 1 (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

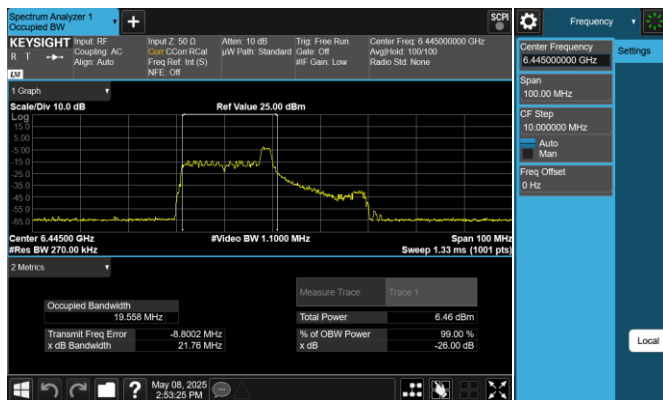
FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 46 of 325



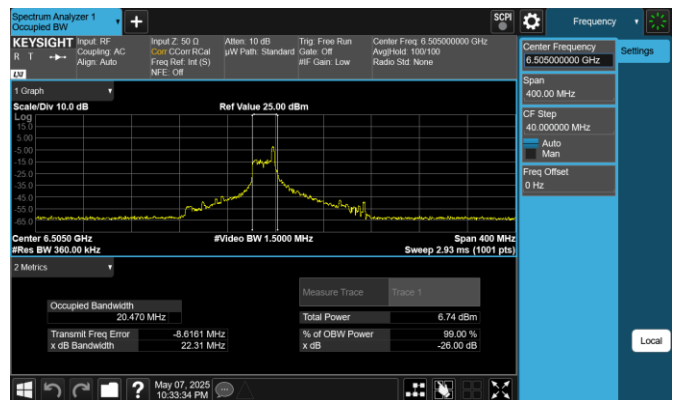
Plot 7-89. 26dB & 99% Bandwidth Plot Antenna 1 (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



Plot 7-91. 26dB & 99% Bandwidth Plot Antenna 1 (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-90. 26dB & 99% Bandwidth Plot Antenna 1 (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 99)

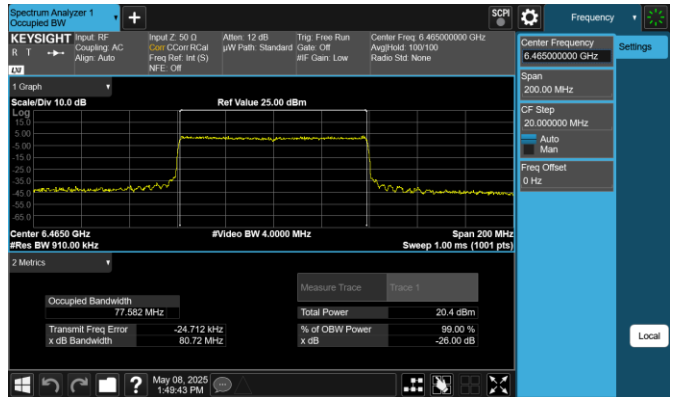


Plot 7-92. 26dB & 99% Bandwidth Plot Antenna 1 (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

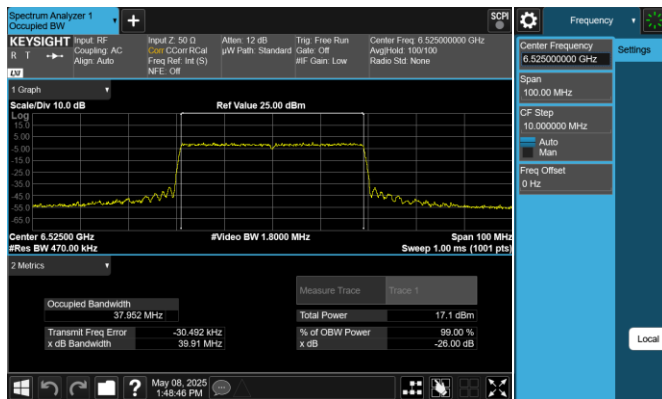
FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 48 of 325



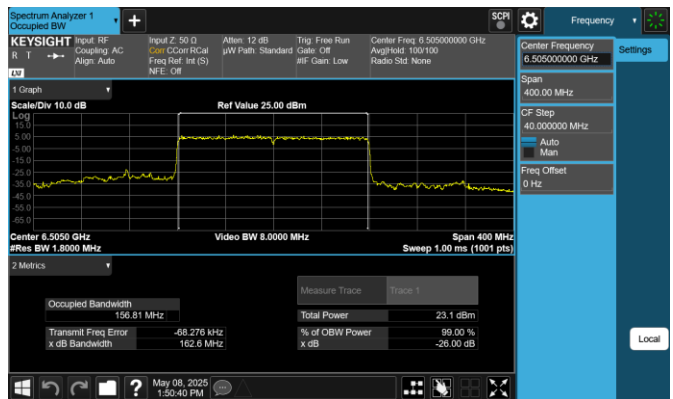
Plot 7-93. 26dB & 99% Bandwidth Plot Antenna 1 (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 97)



Plot 7-95. 26dB & 99% Bandwidth Plot Antenna 1 (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)

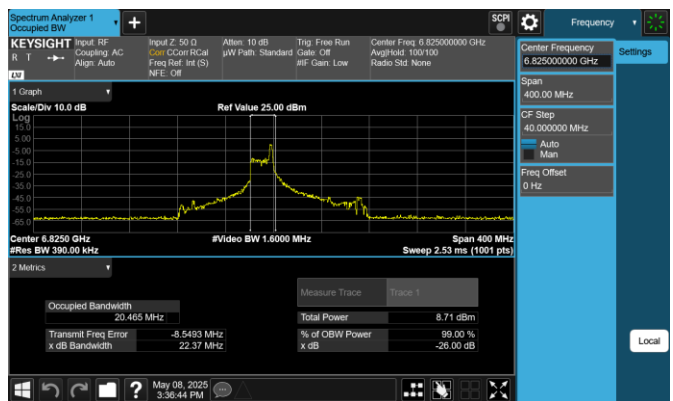
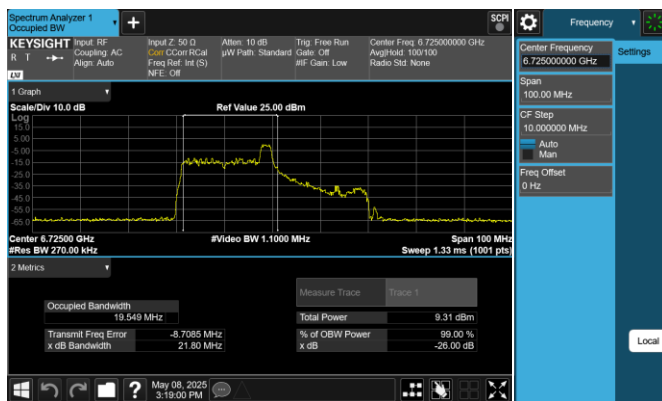
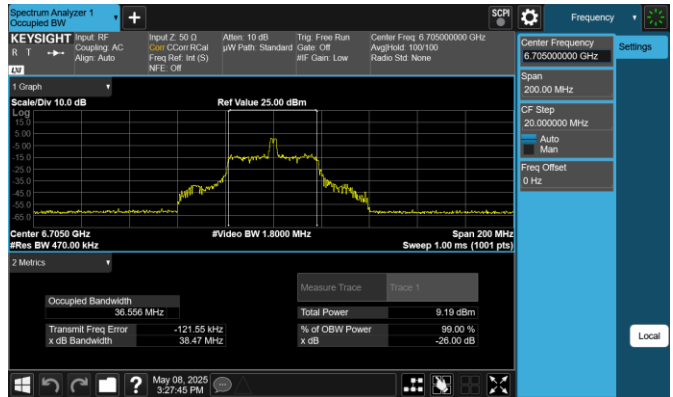
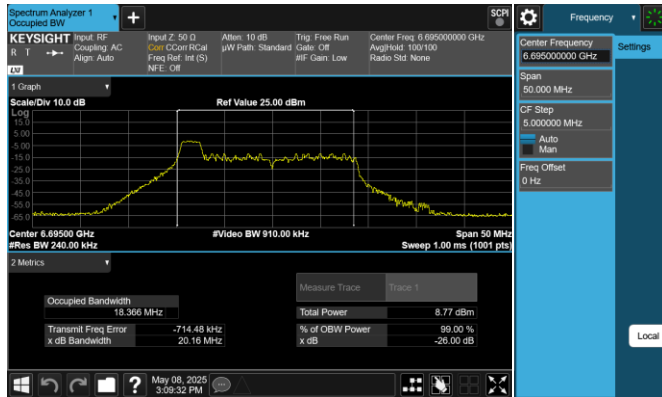


Plot 7-94. 26dB & 99% Bandwidth Plot Antenna 1 (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 115)



Plot 7-96. 26dB & 99% Bandwidth Plot Antenna 1 (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

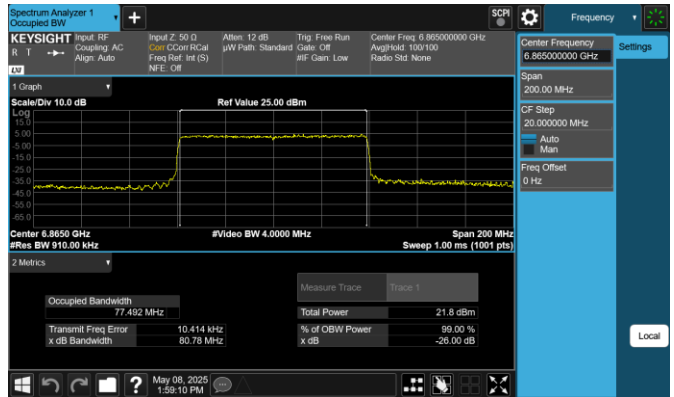
FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 49 of 325



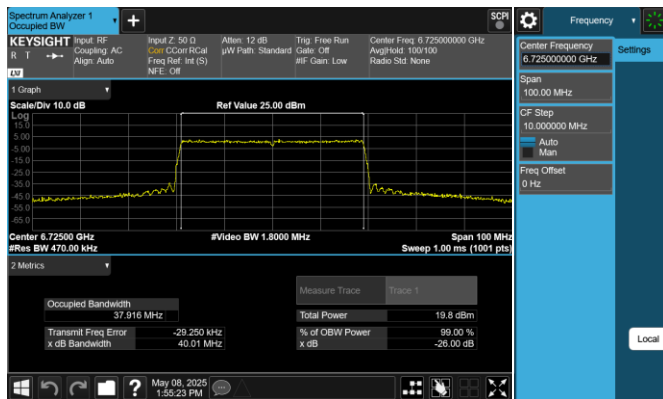
FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 50 of 325



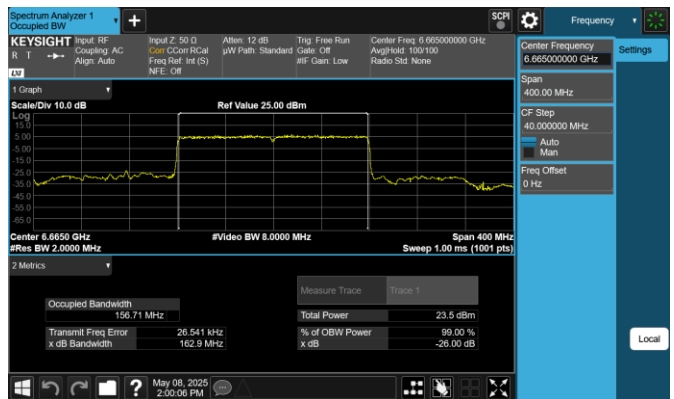
Plot 7-101. 26dB & 99% Bandwidth Plot Antenna 1 (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-103. 26dB & 99% Bandwidth Plot Antenna 1 (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 183)

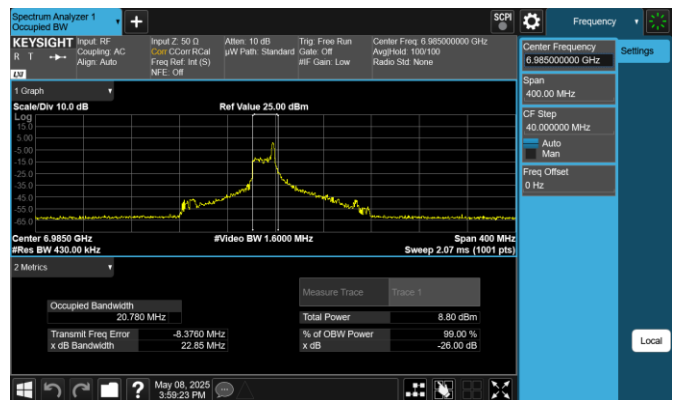
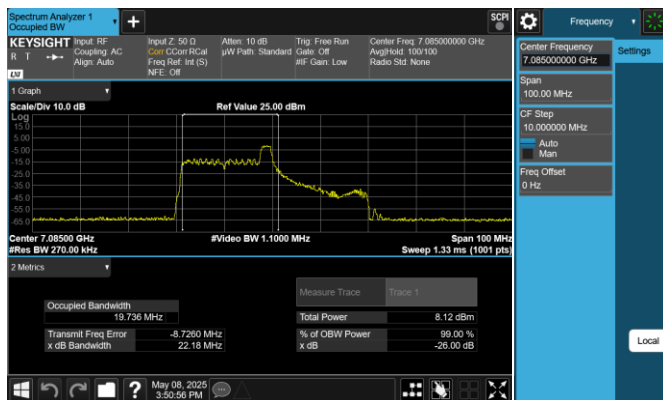
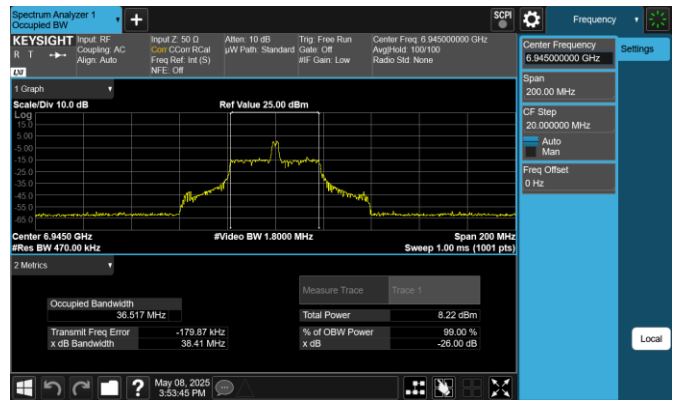
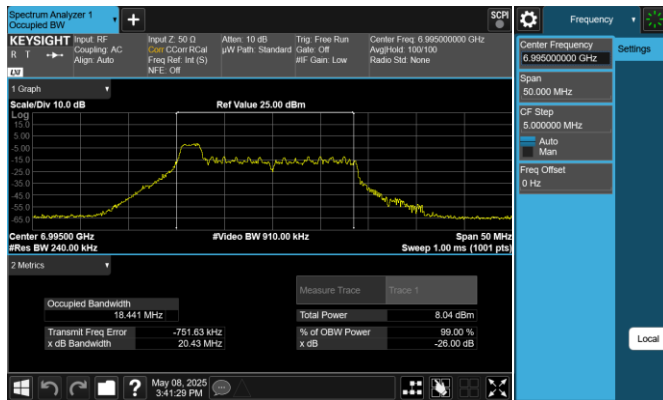


Plot 7-102. 26dB & 99% Bandwidth Plot Antenna 1 (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)

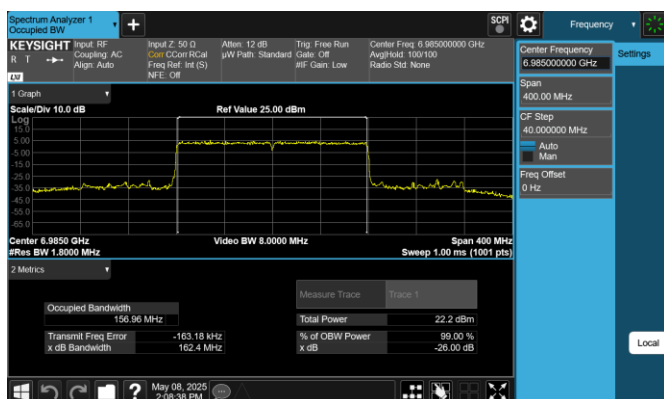
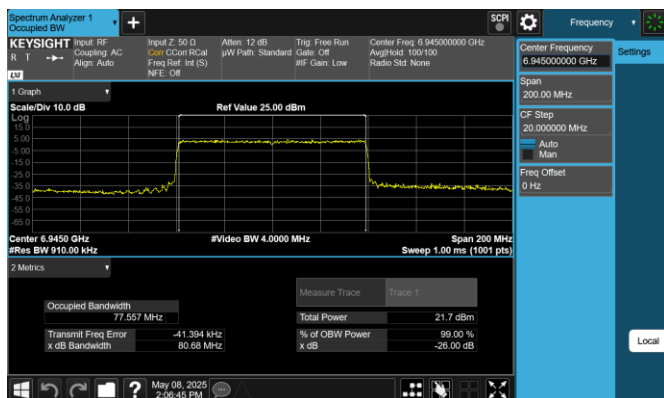
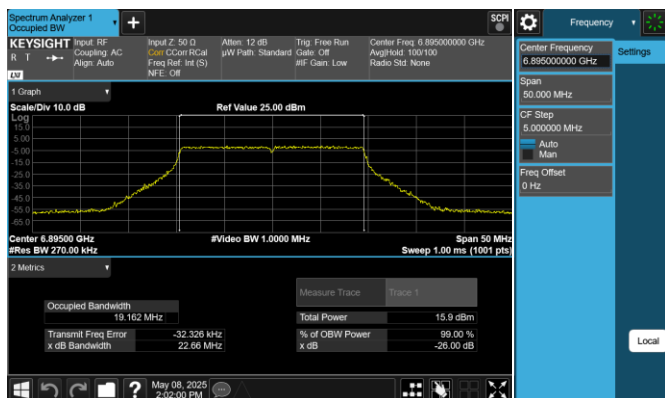


Plot 7-104. 26dB & 99% Bandwidth Plot Antenna 1 (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 51 of 325



FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 52 of 325



FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

7.3 Conducted Output Power and Max EIRP Measurement

Test Overview and Limits

A transmitter antenna terminal of the EUT is connected to the input of an RF pulse power sensor. Measurement is made using a broadband average power meter while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 and KDB 789033 D02 v02r01, and at the appropriate frequencies.

In the 5.925 – 7.125GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30dBm for Standard Power mode (SP), and 24dBm for Low Power Indoor mode (LPI).

Test Procedure Used

ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 – Section 12.4.3.2 Method PM-G

KDB 789033 D02 v02r01 – Section E)3)b) Method PM-G

ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 – Section 14.4 Measure-and-Sum Technique

KDB 662911 v02r01 – Section E)1) Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-2. Test Instrument & Measurement Setup

Test Notes

None

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

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7.3.1 Antenna 0 Conducted Output Power Measurements – SP

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	26	0	12.5/14.7 (MCS11)	9.84	2.85	12.69	30.00	-17.31
			AVG	26	4	12.5/14.7 (MCS11)	9.84	2.85	12.69	30.00	-17.31
			AVG	26	8	12.5/14.7 (MCS11)	9.98	2.85	12.83	30.00	-17.17
	6175	45	AVG	26	0	12.5/14.7 (MCS11)	9.49	2.85	12.34	30.00	-17.66
			AVG	26	4	12.5/14.7 (MCS11)	9.34	2.85	12.19	30.00	-17.81
			AVG	26	8	12.5/14.7 (MCS11)	9.92	2.85	12.77	30.00	-17.23
	6415	93	AVG	26	0	12.5/14.7 (MCS11)	9.72	2.85	12.57	30.00	-17.43
			AVG	26	4	12.5/14.7 (MCS11)	9.63	2.85	12.48	30.00	-17.53
			AVG	26	8	12.5/14.7 (MCS11)	9.69	2.85	12.54	30.00	-17.46
	6435	97	AVG	26	0	12.5/14.7 (MCS11)	9.59	1.73	11.32	30.00	-18.68
			AVG	26	4	12.5/14.7 (MCS11)	9.50	1.73	11.23	30.00	-18.78
			AVG	26	8	12.5/14.7 (MCS11)	9.55	1.73	11.28	30.00	-18.72
	6475	105	AVG	26	0	12.5/14.7 (MCS11)	9.86	1.73	11.59	30.00	-18.41
			AVG	26	4	12.5/14.7 (MCS11)	9.68	1.73	11.41	30.00	-18.59
			AVG	26	8	12.5/14.7 (MCS11)	9.69	1.73	11.42	30.00	-18.58
	6515	113	AVG	26	0	12.5/14.7 (MCS11)	9.54	1.73	11.27	30.00	-18.73
			AVG	26	4	12.5/14.7 (MCS11)	9.33	1.73	11.06	30.00	-18.94
			AVG	26	8	12.5/14.7 (MCS11)	9.31	1.73	11.04	30.00	-18.96
	6535	117	AVG	26	0	12.5/14.7 (MCS11)	9.97	-1.02	8.95	30.00	-21.05
			AVG	26	4	12.5/14.7 (MCS11)	9.80	-1.02	8.78	30.00	-21.23
			AVG	26	8	12.5/14.7 (MCS11)	9.78	-1.02	8.76	30.00	-21.24
	6695	149	AVG	26	0	12.5/14.7 (MCS11)	9.65	-1.02	8.63	30.00	-21.37
			AVG	26	4	12.5/14.7 (MCS11)	9.48	-1.02	8.46	30.00	-21.54
			AVG	26	8	12.5/14.7 (MCS11)	9.50	-1.02	8.48	30.00	-21.52
	6875	185	AVG	26	0	12.5/14.7 (MCS11)	9.81	-1.02	8.79	30.00	-21.21
			AVG	26	4	12.5/14.7 (MCS11)	9.72	-1.02	8.70	30.00	-21.30
			AVG	26	8	12.5/14.7 (MCS11)	9.82	-1.02	8.80	30.00	-21.20

Table 7-10. Antenna 0 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	52	37	25/29.4 (MCS11)	10.97	2.85	13.82	30.00	-16.18
			AVG	52	39	25/29.4 (MCS11)	10.96	2.85	13.81	30.00	-16.19
			AVG	52	40	25/29.4 (MCS11)	10.99	2.85	13.84	30.00	-16.16
	6175	45	AVG	52	37	25/29.4 (MCS11)	10.98	2.85	13.83	30.00	-16.17
			AVG	52	39	25/29.4 (MCS11)	10.90	2.85	13.75	30.00	-16.25
			AVG	52	40	25/29.4 (MCS11)	10.90	2.85	13.75	30.00	-16.25
	6415	93	AVG	52	37	25/29.4 (MCS11)	10.63	2.85	13.48	30.00	-16.52
			AVG	52	39	25/29.4 (MCS11)	10.08	2.85	12.93	30.00	-17.07
			AVG	52	40	25/29.4 (MCS11)	10.62	2.85	13.47	30.00	-16.53
	6435	97	AVG	52	37	25/29.4 (MCS11)	10.03	1.73	11.76	30.00	-18.24
			AVG	52	39	25/29.4 (MCS11)	10.01	1.73	11.74	30.00	-18.26
			AVG	52	40	25/29.4 (MCS11)	10.75	1.73	12.48	30.00	-17.52
	6475	105	AVG	52	37	25/29.4 (MCS11)	10.87	1.73	12.60	30.00	-17.40
			AVG	52	39	25/29.4 (MCS11)	10.04	1.73	11.77	30.00	-18.23
			AVG	52	40	25/29.4 (MCS11)	10.83	1.73	12.56	30.00	-17.44
	6515	113	AVG	52	37	25/29.4 (MCS11)	10.60	1.73	12.33	30.00	-17.67
			AVG	52	39	25/29.4 (MCS11)	10.84	1.73	12.57	30.00	-17.43
			AVG	52	40	25/29.4 (MCS11)	10.80	1.73	12.53	30.00	-17.47
	6535	117	AVG	52	37	25/29.4 (MCS11)	10.53	-1.02	9.51	30.00	-20.49
			AVG	52	39	25/29.4 (MCS11)	10.17	-1.02	9.15	30.00	-20.85
			AVG	52	40	25/29.4 (MCS11)	10.35	-1.02	9.33	30.00	-20.67
	6695	149	AVG	52	37	25/29.4 (MCS11)	10.07	-1.02	9.05	30.00	-20.95
			AVG	52	39	25/29.4 (MCS11)	10.75	-1.02	9.73	30.00	-20.27
			AVG	52	40	25/29.4 (MCS11)	10.74	-1.02	9.72	30.00	-20.28
	6875	185	AVG	52	37	25/29.4 (MCS11)	10.58	-1.02	9.56	30.00	-20.44
			AVG	52	39	25/29.4 (MCS11)	10.57	-1.02	9.55	30.00	-20.45
			AVG	52	40	25/29.4 (MCS11)	10.61	-1.02	9.59	30.00	-20.41

Table 7-11. Antenna 0 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU52)

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	106	53	53.1/62.5 (MCS11)	11.71	2.85	14.56	30.00	-15.44
			AVG	106	54	53.1/62.5 (MCS11)	11.55	2.85	14.40	30.00	-15.60
	6175	45	AVG	106	53	53.1/62.5 (MCS11)	11.51	1.87	13.38	30.00	-16.62
			AVG	106	54	53.1/62.5 (MCS11)	11.38	1.87	13.25	30.00	-16.75
	6415	93	AVG	106	53	53.1/62.5 (MCS11)	11.64	1.45	13.09	30.00	-16.91
			AVG	106	54	53.1/62.5 (MCS11)	11.62	1.45	13.07	30.00	-16.93
	6435	97	AVG	106	53	53.1/62.5 (MCS11)	11.60	1.73	13.33	30.00	-16.67
			AVG	106	54	53.1/62.5 (MCS11)	11.52	1.73	13.25	30.00	-16.75
	6475	105	AVG	106	53	53.1/62.5 (MCS11)	11.76	1.73	13.49	30.00	-16.51
			AVG	106	54	53.1/62.5 (MCS11)	11.67	1.73	13.40	30.00	-16.60
	6515	113	AVG	106	53	53.1/62.5 (MCS11)	11.81	1.73	13.54	30.00	-16.46
			AVG	106	54	53.1/62.5 (MCS11)	11.68	1.73	13.41	30.00	-16.59
	6535	117	AVG	106	53	53.1/62.5 (MCS11)	11.78	-1.02	10.76	30.00	-19.24
			AVG	106	54	53.1/62.5 (MCS11)	11.71	-1.02	10.69	30.00	-19.31
	6695	149	AVG	106	53	53.1/62.5 (MCS11)	11.35	-1.02	10.33	30.00	-19.67
			AVG	106	54	53.1/62.5 (MCS11)	11.23	-1.02	10.21	30.00	-19.80
	6875	185	AVG	106	53	53.1/62.5 (MCS11)	11.55	-1.02	10.53	30.00	-19.47
			AVG	106	54	53.1/62.5 (MCS11)	11.67	-1.02	10.65	30.00	-19.35

Table 7-12. Antenna 0 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU106)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	26	0	12.5/14.7 (MCS11)	9.56	2.85	12.41	30.00	-17.60
			AVG	26	8	12.5/14.7 (MCS11)	9.36	2.85	12.21	30.00	-17.79
			AVG	26	17	12.5/14.7 (MCS11)	9.77	2.85	12.62	30.00	-17.38
	6165	43	AVG	26	0	12.5/14.7 (MCS11)	9.57	2.85	12.42	30.00	-17.58
			AVG	26	8	12.5/14.7 (MCS11)	9.78	2.85	12.63	30.00	-17.37
			AVG	26	17	12.5/14.7 (MCS11)	9.56	2.85	12.41	30.00	-17.59
	6405	91	AVG	26	0	12.5/14.7 (MCS11)	9.81	2.85	12.66	30.00	-17.35
			AVG	26	8	12.5/14.7 (MCS11)	9.50	2.85	12.35	30.00	-17.65
			AVG	26	17	12.5/14.7 (MCS11)	9.89	2.85	12.74	30.00	-17.26
	6445	99	AVG	26	0	12.5/14.7 (MCS11)	9.67	1.73	11.40	30.00	-18.60
			AVG	26	8	12.5/14.7 (MCS11)	9.34	1.73	11.07	30.00	-18.93
			AVG	26	17	12.5/14.7 (MCS11)	9.57	1.73	11.30	30.00	-18.70
	6485	107	AVG	26	0	12.5/14.7 (MCS11)	9.82	1.73	11.55	30.00	-18.45
			AVG	26	8	12.5/14.7 (MCS11)	9.44	1.73	11.17	30.00	-18.83
			AVG	26	17	12.5/14.7 (MCS11)	9.74	1.73	11.47	30.00	-18.53
	6525	115	AVG	26	0	12.5/14.7 (MCS11)	9.52	-1.02	8.50	30.00	-21.50
			AVG	26	8	12.5/14.7 (MCS11)	9.94	-1.02	8.92	30.00	-21.08
			AVG	26	17	12.5/14.7 (MCS11)	9.44	-1.02	8.42	30.00	-21.58
	6565	123	AVG	26	0	12.5/14.7 (MCS11)	9.74	-1.02	8.72	30.00	-21.28
			AVG	26	8	12.5/14.7 (MCS11)	9.79	-1.02	8.77	30.00	-21.23
			AVG	26	17	12.5/14.7 (MCS11)	9.68	-1.02	8.66	30.00	-21.34
	6725	155	AVG	26	0	12.5/14.7 (MCS11)	9.84	-1.02	8.82	30.00	-21.18
			AVG	26	8	12.5/14.7 (MCS11)	9.67	-1.02	8.65	30.00	-21.35
			AVG	26	17	12.5/14.7 (MCS11)	9.97	-1.02	8.95	30.00	-21.05
	6845	179	AVG	26	0	12.5/14.7 (MCS11)	9.66	-1.02	8.64	30.00	-21.36
			AVG	26	8	12.5/14.7 (MCS11)	9.28	-1.02	8.26	30.00	-21.74
			AVG	26	17	12.5/14.7 (MCS11)	9.67	-1.02	8.65	30.00	-21.35

Table 7-13. Antenna 0 40MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	26	0	12.5/14.7 (MCS11)	9.69	2.85	12.54	30.00	-17.46
			AVG	26	18	12.5/14.7 (MCS11)	9.75	2.85	12.60	30.00	-17.40
			AVG	26	36	12.5/14.7 (MCS11)	9.85	2.85	12.70	30.00	-17.30
	6145	39	AVG	26	0	12.5/14.7 (MCS11)	9.78	2.85	12.63	30.00	-17.37
			AVG	26	18	12.5/14.7 (MCS11)	9.70	2.85	12.55	30.00	-17.45
			AVG	26	36	12.5/14.7 (MCS11)	9.78	2.85	12.63	30.00	-17.37
	6385	87	AVG	26	0	12.5/14.7 (MCS11)	9.78	2.85	12.63	30.00	-17.37
			AVG	26	18	12.5/14.7 (MCS11)	9.73	2.85	12.58	30.00	-17.43
			AVG	26	36	12.5/14.7 (MCS11)	9.80	2.85	12.65	30.00	-17.35
	6465	103	AVG	26	0	12.5/14.7 (MCS11)	9.52	1.73	11.25	30.00	-18.76
			AVG	26	18	12.5/14.7 (MCS11)	9.33	1.73	11.06	30.00	-18.94
			AVG	26	36	12.5/14.7 (MCS11)	9.18	1.73	10.91	30.00	-19.09
	6545	119	AVG	26	0	12.5/14.7 (MCS11)	9.80	-1.02	8.78	30.00	-21.23
			AVG	26	18	12.5/14.7 (MCS11)	9.61	-1.02	8.59	30.00	-21.41
			AVG	26	36	12.5/14.7 (MCS11)	9.61	-1.02	8.59	30.00	-21.41
	6705	151	AVG	26	0	12.5/14.7 (MCS11)	9.42	-1.02	8.40	30.00	-21.60
			AVG	26	18	12.5/14.7 (MCS11)	9.32	-1.02	8.30	30.00	-21.71
			AVG	26	36	12.5/14.7 (MCS11)	9.48	-1.02	8.46	30.00	-21.54
	6865	183	AVG	26	0	12.5/14.7 (MCS11)	9.53	-1.02	8.51	30.00	-21.49
			AVG	26	18	12.5/14.7 (MCS11)	9.87	-1.02	8.85	30.00	-21.15
			AVG	26	36	12.5/14.7 (MCS11)	9.90	-1.02	8.88	30.00	-21.12

Table 7-14. Antenna 0 80MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15(L)	AVG	26	0	12.5/14.7 (MCS11)	9.70	2.85	12.55	30.00	-17.45
			AVG	26	36	12.5/14.7 (MCS11)	9.82	2.85	12.67	30.00	-17.33
		15(H)	AVG	26	36	12.5/14.7 (MCS11)	9.96	2.85	12.81	30.00	-17.19
	6185	47(L)	AVG	26	0	12.5/14.7 (MCS11)	9.60	2.85	12.45	30.00	-17.55
			AVG	26	36	12.5/14.7 (MCS11)	9.59	2.85	12.44	30.00	-17.56
		47(H)	AVG	26	36	12.5/14.7 (MCS11)	9.59	2.85	12.44	30.00	-17.56
	6345	79(L)	AVG	26	0	12.5/14.7 (MCS11)	9.88	2.85	12.73	30.00	-17.27
			AVG	26	36	12.5/14.7 (MCS11)	9.89	2.85	12.74	30.00	-17.26
		79(H)	AVG	26	36	12.5/14.7 (MCS11)	9.89	2.85	12.74	30.00	-17.26
	6505	111(L)	AVG	26	0	12.5/14.7 (MCS11)	9.84	1.73	11.57	30.00	-18.43
			AVG	26	36	12.5/14.7 (MCS11)	9.63	1.73	11.36	30.00	-18.64
		111(H)	AVG	26	36	12.5/14.7 (MCS11)	9.92	1.73	11.65	30.00	-18.35
	6665	143(L)	AVG	26	0	12.5/14.7 (MCS11)	9.77	-1.02	8.75	30.00	-21.25
			AVG	26	36	12.5/14.7 (MCS11)	9.78	-1.02	8.76	30.00	-21.24
		143(H)	AVG	26	36	12.5/14.7 (MCS11)	9.78	-1.02	8.76	30.00	-21.24

Table 7-15. Antenna 0 160MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	242	61	121.9/143.4 (MCS11)	16.92	2.85	19.77	30.00	-10.24
	6175	45	AVG	242	61	121.9/143.4 (MCS11)	16.87	2.85	19.72	30.00	-10.28
	6415	93	AVG	242	61	121.9/143.4 (MCS11)	16.98	2.85	19.83	30.00	-10.17
	6435	97	AVG	242	61	121.9/143.4 (MCS11)	16.71	1.73	18.44	30.00	-11.56
	6475	105	AVG	242	61	121.9/143.4 (MCS11)	16.92	1.73	18.65	30.00	-11.35
	6515	113	AVG	242	61	121.9/143.4 (MCS11)	16.40	1.73	18.13	30.00	-11.87
	6535	117	AVG	242	61	121.9/143.4 (MCS11)	16.04	-1.02	15.02	30.00	-14.98
	6695	149	AVG	242	61	121.9/143.4 (MCS11)	16.36	-1.02	15.34	30.00	-14.66
	6875	185	AVG	242	61	121.9/143.4 (MCS11)	16.35	-1.02	15.33	30.00	-14.67

Table 7-16. Antenna 0 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	484	65	243.8/286.8 (MCS11)	16.44	2.85	19.29	30.00	-10.71
	6165	43	AVG	484	65	243.8/286.8 (MCS11)	16.50	2.85	19.35	30.00	-10.65
	6405	91	AVG	484	65	243.8/286.8 (MCS11)	16.72	2.85	19.57	30.00	-10.43
	6445	99	AVG	484	65	243.8/286.8 (MCS11)	16.61	1.73	18.34	30.00	-11.66
	6485	107	AVG	484	65	243.8/286.8 (MCS11)	16.67	1.73	18.40	30.00	-11.60
	6525	115	AVG	484	65	243.8/286.8 (MCS11)	16.14	-1.02	15.12	30.00	-14.88
	6565	123	AVG	484	65	243.8/286.8 (MCS11)	16.01	-1.02	14.99	30.00	-15.01
	6725	155	AVG	484	65	243.8/286.8 (MCS11)	16.37	-1.02	15.35	30.00	-14.65
	6845	179	AVG	484	65	243.8/286.8 (MCS11)	16.24	-1.02	15.22	30.00	-14.78

Table 7-17. Antenna 0 40MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	996	67	510.4/600.5 (MCS11)	16.80	2.85	19.65	30.00	-10.35
	6145	39	AVG	996	67	510.4/600.5 (MCS11)	16.90	1.87	18.77	30.00	-11.23
	6385	87	AVG	996	67	510.4/600.5 (MCS11)	16.72	1.45	18.17	30.00	-11.83
	6465	103	AVG	996	67	510.4/600.5 (MCS11)	16.16	1.73	17.89	30.00	-12.11
	6545	119	AVG	996	67	510.4/600.5 (MCS11)	16.07	-1.02	15.05	30.00	-14.95
	6705	151	AVG	996	67	510.4/600.5 (MCS11)	16.35	-1.02	15.33	30.00	-14.67
	6865	183	AVG	996	67	510.4/600.5 (MCS11)	16.39	-1.02	15.37	30.00	-14.63

Table 7-18. Antenna 0 80MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	996x2	68	1020.8/1201 (MCS11)	15.89	2.85	18.74	30.00	-11.26
	6185	47	AVG	996x2	68	1020.8/1201 (MCS11)	15.04	2.85	17.89	30.00	-12.12
	6345	79	AVG	996x2	68	1020.8/1201 (MCS11)	15.47	2.85	18.32	30.00	-11.68
	6505	111	AVG	996x2	68	1020.8/1201 (MCS11)	16.00	1.73	17.73	30.00	-12.27
	6665	143	AVG	996x2	68	1020.8/1201 (MCS11)	14.80	-1.02	13.78	30.00	-16.22

Table 7-19. Antenna 0 160MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

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7.3.2 Antenna 0 Conducted Output Power Measurements – LPI

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	26	0	12.5/14.7 (MCS11)	-3.67	2.85	-0.82	24.00	-24.82
			AVG	26	4	12.5/14.7 (MCS11)	-3.65	2.85	-0.80	24.00	-24.80
			AVG	26	8	12.5/14.7 (MCS11)	-3.98	2.85	-1.13	24.00	-25.13
	6175	45	AVG	26	0	12.5/14.7 (MCS11)	-3.24	2.85	-0.39	24.00	-24.39
			AVG	26	4	12.5/14.7 (MCS11)	-3.38	2.85	-0.53	24.00	-24.53
			AVG	26	8	12.5/14.7 (MCS11)	-3.30	2.85	-0.45	24.00	-24.45
	6415	93	AVG	26	0	12.5/14.7 (MCS11)	-2.27	2.85	0.58	24.00	-23.42
			AVG	26	4	12.5/14.7 (MCS11)	-2.33	2.85	0.52	24.00	-23.48
			AVG	26	8	12.5/14.7 (MCS11)	-2.24	2.85	0.62	24.00	-23.39
	6435	97	AVG	26	0	12.5/14.7 (MCS11)	-3.00	1.73	-1.27	24.00	-25.27
			AVG	26	4	12.5/14.7 (MCS11)	-3.14	1.73	-1.41	24.00	-25.41
			AVG	26	8	12.5/14.7 (MCS11)	-3.11	1.73	-1.38	24.00	-25.38
	6475	105	AVG	26	0	12.5/14.7 (MCS11)	-2.80	1.73	-1.07	24.00	-25.07
			AVG	26	4	12.5/14.7 (MCS11)	-2.94	1.73	-1.21	24.00	-25.21
			AVG	26	8	12.5/14.7 (MCS11)	-2.87	1.73	-1.14	24.00	-25.14
	6515	113	AVG	26	0	12.5/14.7 (MCS11)	-3.00	1.73	-1.27	24.00	-25.27
			AVG	26	4	12.5/14.7 (MCS11)	-3.17	1.73	-1.44	24.00	-25.44
			AVG	26	8	12.5/14.7 (MCS11)	-3.15	1.73	-1.42	24.00	-25.42
	6535	117	AVG	26	0	12.5/14.7 (MCS11)	-0.31	-1.02	-1.33	24.00	-25.33
			AVG	26	4	12.5/14.7 (MCS11)	-0.52	-1.02	-1.54	24.00	-25.54
			AVG	26	8	12.5/14.7 (MCS11)	-0.52	-1.02	-1.54	24.00	-25.54
	6695	149	AVG	26	0	12.5/14.7 (MCS11)	-0.20	-1.02	-1.22	24.00	-25.22
			AVG	26	4	12.5/14.7 (MCS11)	-0.38	-1.02	-1.40	24.00	-25.40
			AVG	26	8	12.5/14.7 (MCS11)	-0.40	-1.02	-1.42	24.00	-25.42
	6875	185	AVG	26	0	12.5/14.7 (MCS11)	-1.31	-1.02	-2.33	24.00	-26.33
			AVG	26	4	12.5/14.7 (MCS11)	-1.41	-1.02	-2.43	24.00	-26.43
			AVG	26	8	12.5/14.7 (MCS11)	-1.27	-1.02	-2.29	24.00	-26.29
	6895	189	AVG	26	0	12.5/14.7 (MCS11)	-1.21	-0.26	-1.47	24.00	-25.47
			AVG	26	4	12.5/14.7 (MCS11)	-1.29	-0.26	-1.55	24.00	-25.55
			AVG	26	8	12.5/14.7 (MCS11)	-1.19	-0.26	-1.45	24.00	-25.45
	6995	209	AVG	26	0	12.5/14.7 (MCS11)	-1.50	-0.26	-1.76	24.00	-25.76
			AVG	26	4	12.5/14.7 (MCS11)	-1.66	-0.26	-1.92	24.00	-25.92
			AVG	26	8	12.5/14.7 (MCS11)	-1.60	-0.26	-1.86	24.00	-25.86
	7095	229	AVG	26	0	12.5/14.7 (MCS11)	-1.35	-0.26	-1.61	24.00	-25.61
			AVG	26	4	12.5/14.7 (MCS11)	-1.11	-0.26	-1.37	24.00	-25.37
			AVG	26	8	12.5/14.7 (MCS11)	-1.40	-0.26	-1.66	24.00	-25.66

Table 7-20. Antenna 0 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	52	37	25/29.4 (MCS11)	-0.58	2.85	2.27	24.00	-21.73
			AVG	52	39	25/29.4 (MCS11)	-0.51	2.85	2.34	24.00	-21.66
			AVG	52	40	25/29.4 (MCS11)	-0.94	2.85	1.91	24.00	-22.09
	6175	45	AVG	52	37	25/29.4 (MCS11)	-0.06	2.85	2.79	24.00	-21.21
			AVG	52	39	25/29.4 (MCS11)	-0.14	2.85	2.71	24.00	-21.29
			AVG	52	40	25/29.4 (MCS11)	-0.12	2.85	2.74	24.00	-21.27
	6415	93	AVG	52	37	25/29.4 (MCS11)	0.66	2.85	3.51	24.00	-20.49
			AVG	52	39	25/29.4 (MCS11)	0.63	2.85	3.48	24.00	-20.52
			AVG	52	40	25/29.4 (MCS11)	0.67	2.85	3.52	24.00	-20.48
	6435	97	AVG	52	37	25/29.4 (MCS11)	0.44	1.73	2.17	24.00	-21.83
			AVG	52	39	25/29.4 (MCS11)	0.33	1.73	2.06	24.00	-21.94
			AVG	52	40	25/29.4 (MCS11)	0.33	1.73	2.06	24.00	-21.94
	6475	105	AVG	52	37	25/29.4 (MCS11)	0.44	1.73	2.17	24.00	-21.83
			AVG	52	39	25/29.4 (MCS11)	0.33	1.73	2.06	24.00	-21.94
			AVG	52	40	25/29.4 (MCS11)	0.35	1.73	2.08	24.00	-21.92
	6515	113	AVG	52	37	25/29.4 (MCS11)	0.15	1.73	1.88	24.00	-22.13
			AVG	52	39	25/29.4 (MCS11)	0.00	1.73	1.73	24.00	-22.27
			AVG	52	40	25/29.4 (MCS11)	-0.03	1.73	1.70	24.00	-22.30
	6535	117	AVG	52	37	25/29.4 (MCS11)	2.96	-1.02	1.94	24.00	-22.06
AVG			52	39	25/29.4 (MCS11)	2.80	-1.02	1.78	24.00	-22.22	
AVG			52	40	25/29.4 (MCS11)	2.80	-1.02	1.78	24.00	-22.22	
6695	149	AVG	52	37	25/29.4 (MCS11)	2.98	-1.02	1.96	24.00	-22.04	
		AVG	52	39	25/29.4 (MCS11)	2.81	-1.02	1.79	24.00	-22.22	
		AVG	52	40	25/29.4 (MCS11)	2.80	-1.02	1.78	24.00	-22.22	
6875	185	AVG	52	37	25/29.4 (MCS11)	1.63	-1.02	0.61	24.00	-23.39	
		AVG	52	39	25/29.4 (MCS11)	1.62	-1.02	0.60	24.00	-23.40	
		AVG	52	40	25/29.4 (MCS11)	1.64	-1.02	0.62	24.00	-23.38	
6895	189	AVG	52	37	25/29.4 (MCS11)	1.65	-0.26	1.39	24.00	-22.61	
		AVG	52	39	25/29.4 (MCS11)	1.62	-0.26	1.36	24.00	-22.64	
		AVG	52	40	25/29.4 (MCS11)	1.66	-0.26	1.40	24.00	-22.60	
6995	209	AVG	52	37	25/29.4 (MCS11)	1.80	-0.26	1.54	24.00	-22.46	
		AVG	52	39	25/29.4 (MCS11)	1.69	-0.26	1.43	24.00	-22.57	
		AVG	52	40	25/29.4 (MCS11)	1.70	-0.26	1.44	24.00	-22.56	
7095	229	AVG	52	37	25/29.4 (MCS11)	1.85	-0.26	1.59	24.00	-22.41	
		AVG	52	39	25/29.4 (MCS11)	1.65	-0.26	1.39	24.00	-22.61	
		AVG	52	40	25/29.4 (MCS11)	1.75	-0.26	1.49	24.00	-22.51	

Table 7-21. Antenna 0 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU52)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	106	53	53.1/62.5 (MCS11)	2.42	2.85	5.27	24.00	-18.73
			AVG	106	54	53.1/62.5 (MCS11)	2.10	2.85	4.95	24.00	-19.05
	6175	45	AVG	106	53	53.1/62.5 (MCS11)	2.83	2.85	5.68	24.00	-18.32
			AVG	106	54	53.1/62.5 (MCS11)	2.78	2.85	5.63	24.00	-18.37
	6415	93	AVG	106	53	53.1/62.5 (MCS11)	3.73	2.85	6.58	24.00	-17.42
			AVG	106	54	53.1/62.5 (MCS11)	3.74	2.85	6.59	24.00	-17.41
	6435	97	AVG	106	53	53.1/62.5 (MCS11)	3.04	1.73	4.77	24.00	-19.23
			AVG	106	54	53.1/62.5 (MCS11)	3.43	1.73	5.16	24.00	-18.84
	6475	105	AVG	106	53	53.1/62.5 (MCS11)	3.50	1.73	5.23	24.00	-18.77
			AVG	106	54	53.1/62.5 (MCS11)	3.44	1.73	5.17	24.00	-18.84
	6515	113	AVG	106	53	53.1/62.5 (MCS11)	3.39	1.73	5.12	24.00	-18.88
			AVG	106	54	53.1/62.5 (MCS11)	3.28	1.73	5.01	24.00	-18.99
	6535	117	AVG	106	53	53.1/62.5 (MCS11)	5.68	-1.02	4.66	24.00	-19.34
			AVG	106	54	53.1/62.5 (MCS11)	5.53	-1.02	4.51	24.00	-19.49
	6695	149	AVG	106	53	53.1/62.5 (MCS11)	5.68	-1.02	4.66	24.00	-19.35
			AVG	106	54	53.1/62.5 (MCS11)	5.54	-1.02	4.52	24.00	-19.49
	6875	185	AVG	106	53	53.1/62.5 (MCS11)	4.68	-1.02	3.66	24.00	-20.34
			AVG	106	54	53.1/62.5 (MCS11)	4.71	-1.02	3.69	24.00	-20.31
	6895	189	AVG	106	53	53.1/62.5 (MCS11)	4.65	-0.26	4.39	24.00	-19.62
			AVG	106	54	53.1/62.5 (MCS11)	4.65	-0.26	4.39	24.00	-19.61
	6995	209	AVG	106	53	53.1/62.5 (MCS11)	5.00	-0.26	4.74	24.00	-19.26
			AVG	106	54	53.1/62.5 (MCS11)	4.93	-0.26	4.67	24.00	-19.33
	7095	229	AVG	106	53	53.1/62.5 (MCS11)	4.67	-0.26	4.41	24.00	-19.59
			AVG	106	54	53.1/62.5 (MCS11)	4.68	-0.26	4.42	24.00	-19.58

Table 7-22. Antenna 0 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU106)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	26	0	12.5/14.7 (MCS11)	-4.01	2.85	-1.16	24.00	-25.16
			AVG	26	8	12.5/14.7 (MCS11)	-4.15	2.85	-1.30	24.00	-25.30
			AVG	26	17	12.5/14.7 (MCS11)	-3.77	2.85	-0.92	24.00	-24.92
	6165	43	AVG	26	0	12.5/14.7 (MCS11)	-3.32	2.85	-0.47	24.00	-24.47
			AVG	26	8	12.5/14.7 (MCS11)	-3.48	2.85	-0.63	24.00	-24.63
			AVG	26	17	12.5/14.7 (MCS11)	-3.20	2.85	-0.35	24.00	-24.35
	6405	91	AVG	26	0	12.5/14.7 (MCS11)	-2.16	2.85	0.69	24.00	-23.31
			AVG	26	8	12.5/14.7 (MCS11)	-2.45	2.85	0.40	24.00	-23.60
			AVG	26	17	12.5/14.7 (MCS11)	-2.05	2.85	0.80	24.00	-23.20
	6445	99	AVG	26	0	12.5/14.7 (MCS11)	-3.06	1.73	-1.33	24.00	-25.33
			AVG	26	8	12.5/14.7 (MCS11)	-3.30	1.73	-1.57	24.00	-25.57
			AVG	26	17	12.5/14.7 (MCS11)	-2.99	1.73	-1.26	24.00	-25.26
	6485	107	AVG	26	0	12.5/14.7 (MCS11)	-2.83	1.73	-1.10	24.00	-25.10
			AVG	26	8	12.5/14.7 (MCS11)	-3.06	1.73	-1.33	24.00	-25.33
			AVG	26	17	12.5/14.7 (MCS11)	-2.84	1.73	-1.11	24.00	-25.11
	6525	115	AVG	26	0	12.5/14.7 (MCS11)	-2.95	-1.02	-3.97	24.00	-27.97
			AVG	26	8	12.5/14.7 (MCS11)	-3.37	-1.02	-4.39	24.00	-28.39
			AVG	26	17	12.5/14.7 (MCS11)	-3.01	-1.02	-4.03	24.00	-28.03
	6565	123	AVG	26	0	12.5/14.7 (MCS11)	-0.10	-1.02	-1.12	24.00	-25.12
			AVG	26	8	12.5/14.7 (MCS11)	-0.55	-1.02	-1.57	24.00	-25.57
			AVG	26	17	12.5/14.7 (MCS11)	-0.20	-1.02	-1.22	24.00	-25.22
	6725	155	AVG	26	0	12.5/14.7 (MCS11)	-0.07	-1.02	-1.09	24.00	-25.09
			AVG	26	8	12.5/14.7 (MCS11)	-0.28	-1.02	-1.30	24.00	-25.30
			AVG	26	17	12.5/14.7 (MCS11)	-0.46	-1.02	-1.48	24.00	-25.48
	6845	179	AVG	26	0	12.5/14.7 (MCS11)	-0.09	-1.02	-1.11	24.00	-25.11
			AVG	26	8	12.5/14.7 (MCS11)	-0.42	-1.02	-1.44	24.00	-25.44
			AVG	26	17	12.5/14.7 (MCS11)	-0.48	-1.02	-1.50	24.00	-25.50
	6885	187	AVG	26	0	12.5/14.7 (MCS11)	-1.15	-0.26	-1.41	24.00	-25.41
			AVG	26	8	12.5/14.7 (MCS11)	-1.37	-0.26	-1.63	24.00	-25.63
			AVG	26	17	12.5/14.7 (MCS11)	-1.08	-0.26	-1.34	24.00	-25.34
	7005	211	AVG	26	0	12.5/14.7 (MCS11)	-1.50	-0.26	-1.76	24.00	-25.76
			AVG	26	8	12.5/14.7 (MCS11)	-1.74	-0.26	-2.00	24.00	-26.00
			AVG	26	17	12.5/14.7 (MCS11)	-1.51	-0.26	-1.77	24.00	-25.77
	7085	227	AVG	26	0	12.5/14.7 (MCS11)	-1.18	-0.26	-1.44	24.00	-25.44
			AVG	26	8	12.5/14.7 (MCS11)	-1.41	-0.26	-1.67	24.00	-25.67
			AVG	26	17	12.5/14.7 (MCS11)	-1.18	-0.26	-1.44	24.00	-25.44

Table 7-23. Antenna 0 40MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	26	0	12.5/14.7 (MCS11)	-4.22	2.85	-1.37	24.00	-25.37
			AVG	26	18	12.5/14.7 (MCS11)	-4.18	2.85	-1.33	24.00	-25.33
			AVG	26	36	12.5/14.7 (MCS11)	-4.07	2.85	-1.22	24.00	-25.22
	6145	39	AVG	26	0	12.5/14.7 (MCS11)	-3.59	2.85	-0.74	24.00	-24.74
			AVG	26	18	12.5/14.7 (MCS11)	-3.55	2.85	-0.70	24.00	-24.70
			AVG	26	36	12.5/14.7 (MCS11)	-3.47	2.85	-0.62	24.00	-24.62
	6385	87	AVG	26	0	12.5/14.7 (MCS11)	-2.22	2.85	0.63	24.00	-23.37
			AVG	26	18	12.5/14.7 (MCS11)	-2.45	2.85	0.40	24.00	-23.60
			AVG	26	36	12.5/14.7 (MCS11)	-2.23	2.85	0.62	24.00	-23.38
	6465	103	AVG	26	0	12.5/14.7 (MCS11)	-3.10	1.73	-1.37	24.00	-25.37
			AVG	26	18	12.5/14.7 (MCS11)	-2.62	1.73	-0.89	24.00	-24.89
			AVG	26	36	12.5/14.7 (MCS11)	-2.77	1.73	-1.04	24.00	-25.04
	6545	119	AVG	26	0	12.5/14.7 (MCS11)	-2.54	-1.02	-3.56	24.00	-27.56
			AVG	26	18	12.5/14.7 (MCS11)	-2.77	-1.02	-3.79	24.00	-27.79
			AVG	26	36	12.5/14.7 (MCS11)	-2.65	-1.02	-3.67	24.00	-27.67
	6705	151	AVG	26	0	12.5/14.7 (MCS11)	-0.18	-1.02	-1.20	24.00	-25.20
			AVG	26	18	12.5/14.7 (MCS11)	-0.40	-1.02	-1.42	24.00	-25.42
			AVG	26	36	12.5/14.7 (MCS11)	-0.30	-1.02	-1.32	24.00	-25.32
	6865	183	AVG	26	0	12.5/14.7 (MCS11)	-1.18	-1.02	-2.20	24.00	-26.20
			AVG	26	18	12.5/14.7 (MCS11)	-1.13	-1.02	-2.15	24.00	-26.15
			AVG	26	36	12.5/14.7 (MCS11)	-1.27	-1.02	-2.29	24.00	-26.29
	6945	199	AVG	26	0	12.5/14.7 (MCS11)	-1.21	-0.26	-1.47	24.00	-25.47
			AVG	26	18	12.5/14.7 (MCS11)	-1.37	-0.26	-1.63	24.00	-25.63
			AVG	26	36	12.5/14.7 (MCS11)	-1.33	-0.26	-1.59	24.00	-25.59
	7025	215	AVG	26	0	12.5/14.7 (MCS11)	-1.06	-0.26	-1.32	24.00	-25.32
			AVG	26	18	12.5/14.7 (MCS11)	-1.37	-0.26	-1.63	24.00	-25.63
			AVG	26	36	12.5/14.7 (MCS11)	-1.41	-0.26	-1.67	24.00	-25.67

Table 7-24. Antenna 0 80MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15 (L)	AVG	26	0	12.5/14.7 (MCS11)	-4.39	2.85	-1.54	24.00	-25.54
			AVG	26	36	12.5/14.7 (MCS11)	-4.19	2.85	-1.34	24.00	-25.34
		15 (U)	AVG	26	36	12.5/14.7 (MCS11)	-4.05	2.85	-1.20	24.00	-25.20
	6185	47 (L)	AVG	26	0	12.5/14.7 (MCS11)	-3.42	2.85	-0.57	24.00	-24.57
			AVG	26	36	12.5/14.7 (MCS11)	-3.22	2.85	-0.37	24.00	-24.37
		47 (U)	AVG	26	36	12.5/14.7 (MCS11)	-3.22	2.85	-0.37	24.00	-24.37
	6345	79 (L)	AVG	26	0	12.5/14.7 (MCS11)	-2.43	2.85	0.42	24.00	-23.58
			AVG	26	36	12.5/14.7 (MCS11)	-2.30	2.85	0.55	24.00	-23.45
		79 (U)	AVG	26	36	12.5/14.7 (MCS11)	-2.33	2.85	0.52	24.00	-23.48
	6505	111 (L)	AVG	26	0	12.5/14.7 (MCS11)	-2.72	1.73	-0.99	24.00	-24.99
			AVG	26	36	12.5/14.7 (MCS11)	-2.91	1.73	-1.18	24.00	-25.18
		111 (U)	AVG	26	36	12.5/14.7 (MCS11)	-2.90	1.73	-1.17	24.00	-25.17
	6665	143 (L)	AVG	26	0	12.5/14.7 (MCS11)	-0.15	-1.02	-1.17	24.00	-25.17
			AVG	26	36	12.5/14.7 (MCS11)	-0.16	-1.02	-1.18	24.00	-25.18
		143 (U)	AVG	26	36	12.5/14.7 (MCS11)	-0.17	-1.02	-1.19	24.00	-25.19
	6825	175 (L)	AVG	26	0	12.5/14.7 (MCS11)	-1.17	-1.02	-2.19	24.00	-26.19
			AVG	26	36	12.5/14.7 (MCS11)	-1.08	-1.02	-2.10	24.00	-26.10
		175 (U)	AVG	26	36	12.5/14.7 (MCS11)	-1.08	-1.02	-2.10	24.00	-26.10
	6985	207 (L)	AVG	26	0	12.5/14.7 (MCS11)	-1.15	-0.26	-1.41	24.00	-25.41
			AVG	26	36	12.5/14.7 (MCS11)	-1.25	-0.26	-1.51	24.00	-25.51
		207 (U)	AVG	26	36	12.5/14.7 (MCS11)	-1.27	-0.26	-1.53	24.00	-25.53

Table 7-25. Antenna 0 160MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	242	61	121.9/143.4 (MCS11)	5.40	2.85	8.25	24.00	-15.75
	6175	45	AVG	242	61	121.9/143.4 (MCS11)	5.74	2.85	8.59	24.00	-15.41
	6415	93	AVG	242	61	121.9/143.4 (MCS11)	6.65	2.85	9.50	24.00	-14.50
	6435	97	AVG	242	61	121.9/143.4 (MCS11)	6.34	1.73	8.07	24.00	-15.93
	6475	105	AVG	242	61	121.9/143.4 (MCS11)	6.31	1.73	8.04	24.00	-15.96
	6515	113	AVG	242	61	121.9/143.4 (MCS11)	6.17	1.73	7.90	24.00	-16.10
	6535	117	AVG	242	61	121.9/143.4 (MCS11)	8.54	-1.02	7.52	24.00	-16.49
	6695	149	AVG	242	61	121.9/143.4 (MCS11)	8.89	-1.02	7.87	24.00	-16.13
	6875	185	AVG	242	61	121.9/143.4 (MCS11)	7.80	-1.02	6.78	24.00	-17.22
	6895	189	AVG	242	61	121.9/143.4 (MCS11)	7.67	-0.26	7.41	24.00	-16.59
	6995	209	AVG	242	61	121.9/143.4 (MCS11)	7.88	-0.26	7.62	24.00	-16.38
	7095	229	AVG	242	61	121.9/143.4 (MCS11)	7.83	-0.26	7.57	24.00	-16.43

Table 7-26. Antenna 0 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	484	65	243.8/286.8 (MCS11)	7.55	2.85	10.40	24.00	-13.60
	6165	43	AVG	484	65	243.8/286.8 (MCS11)	8.08	2.85	10.93	24.00	-13.07
	6405	91	AVG	484	65	243.8/286.8 (MCS11)	9.26	2.85	12.11	24.00	-11.89
	6445	99	AVG	484	65	243.8/286.8 (MCS11)	8.77	1.73	10.50	24.00	-13.50
	6485	107	AVG	484	65	243.8/286.8 (MCS11)	8.92	1.73	10.65	24.00	-13.35
	6525	115	AVG	484	65	243.8/286.8 (MCS11)	8.68	-1.02	7.66	24.00	-16.34
	6565	123	AVG	484	65	243.8/286.8 (MCS11)	11.00	-1.02	9.98	24.00	-14.02
	6725	155	AVG	484	65	243.8/286.8 (MCS11)	10.61	-1.02	9.59	24.00	-14.41
	6845	179	AVG	484	65	243.8/286.8 (MCS11)	11.46	-1.02	10.44	24.00	-13.56
	6885	187	AVG	484	65	243.8/286.8 (MCS11)	10.26	-0.26	10.00	24.00	-14.00
	7005	211	AVG	484	65	243.8/286.8 (MCS11)	10.02	-0.26	9.76	24.00	-14.24
	7085	227	AVG	484	65	243.8/286.8 (MCS11)	10.42	-0.26	10.16	24.00	-13.84

Table 7-27. Antenna 0 40MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	996	67	510.4/600.5 (MCS11)	10.33	2.85	13.18	24.00	-10.82
	6145	39	AVG	996	67	510.4/600.5 (MCS11)	11.19	2.85	14.04	24.00	-9.96
	6385	87	AVG	996	67	510.4/600.5 (MCS11)	12.30	2.85	15.15	24.00	-8.85
	6465	103	AVG	996	67	510.4/600.5 (MCS11)	11.48	1.73	13.21	24.00	-10.79
	6545	119	AVG	996	67	510.4/600.5 (MCS11)	11.55	-1.02	10.53	24.00	-13.47
	6705	151	AVG	996	67	510.4/600.5 (MCS11)	14.19	-1.02	13.17	24.00	-10.83
	6865	183	AVG	996	67	510.4/600.5 (MCS11)	13.34	-1.02	12.32	24.00	-11.68
	6945	199	AVG	996	67	510.4/600.5 (MCS11)	13.47	-0.26	13.21	24.00	-10.79
	7025	215	AVG	996	67	510.4/600.5 (MCS11)	13.34	-0.26	13.08	24.00	-10.92

Table 7-28. Antenna 0 80MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	996x2	68	1020.8/1201 (MCS11)	13.44	2.85	16.29	24.00	-7.71
	6185	47	AVG	996x2	68	1020.8/1201 (MCS11)	13.54	2.85	16.39	24.00	-7.61
	6345	79	AVG	996x2	68	1020.8/1201 (MCS11)	14.74	2.85	17.59	24.00	-6.41
	6505	111	AVG	996x2	68	1020.8/1201 (MCS11)	14.02	1.73	15.75	24.00	-8.25
	6665	143	AVG	996x2	68	1020.8/1201 (MCS11)	14.68	-1.02	13.66	24.00	-10.34
	6825	175	AVG	996x2	68	1020.8/1201 (MCS11)	13.21	-1.02	12.19	24.00	-11.82
	6985	207	AVG	996x2	68	1020.8/1201 (MCS11)	13.12	-0.26	12.86	24.00	-11.14

Table 7-29. Antenna 0 160MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

7.3.3 Antenna 1 Conducted Output Power Measurements – SP

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	26	0	12.5/14.7 (MCS11)	9.80	2.14	11.94	30.00	-18.06
			AVG	26	4	12.5/14.7 (MCS11)	9.82	2.14	11.96	30.00	-18.04
			AVG	26	8	12.5/14.7 (MCS11)	9.52	2.14	11.66	30.00	-18.34
	6175	45	AVG	26	0	12.5/14.7 (MCS11)	9.43	2.14	11.57	30.00	-18.43
			AVG	26	4	12.5/14.7 (MCS11)	9.33	2.14	11.47	30.00	-18.54
			AVG	26	8	12.5/14.7 (MCS11)	9.41	2.14	11.55	30.00	-18.45
	6415	93	AVG	26	0	12.5/14.7 (MCS11)	9.52	2.14	11.66	30.00	-18.34
			AVG	26	4	12.5/14.7 (MCS11)	9.32	2.14	11.46	30.00	-18.54
			AVG	26	8	12.5/14.7 (MCS11)	9.37	2.14	11.51	30.00	-18.49
	6435	97	AVG	26	0	12.5/14.7 (MCS11)	9.65	0.74	10.39	30.00	-19.61
			AVG	26	4	12.5/14.7 (MCS11)	9.96	0.74	10.70	30.00	-19.30
			AVG	26	8	12.5/14.7 (MCS11)	9.60	0.74	10.34	30.00	-19.67
	6475	105	AVG	26	0	12.5/14.7 (MCS11)	9.92	0.74	10.66	30.00	-19.34
			AVG	26	4	12.5/14.7 (MCS11)	9.78	0.74	10.52	30.00	-19.48
			AVG	26	8	12.5/14.7 (MCS11)	9.84	0.74	10.58	30.00	-19.42
	6515	113	AVG	26	0	12.5/14.7 (MCS11)	9.59	0.74	10.33	30.00	-19.67
			AVG	26	4	12.5/14.7 (MCS11)	9.87	0.74	10.61	30.00	-19.39
			AVG	26	8	12.5/14.7 (MCS11)	9.88	0.74	10.62	30.00	-19.38
	6535	117	AVG	26	0	12.5/14.7 (MCS11)	9.67	-0.88	8.79	30.00	-21.21
			AVG	26	4	12.5/14.7 (MCS11)	9.51	-0.88	8.63	30.00	-21.37
			AVG	26	8	12.5/14.7 (MCS11)	9.47	-0.88	8.59	30.00	-21.41
	6695	149	AVG	26	0	12.5/14.7 (MCS11)	9.21	-0.88	8.33	30.00	-21.67
			AVG	26	4	12.5/14.7 (MCS11)	9.22	-0.88	8.34	30.00	-21.66
			AVG	26	8	12.5/14.7 (MCS11)	9.35	-0.88	8.47	30.00	-21.53
	6875	185	AVG	26	0	12.5/14.7 (MCS11)	9.66	-0.88	8.78	30.00	-21.22
			AVG	26	4	12.5/14.7 (MCS11)	9.68	-0.88	8.80	30.00	-21.20
			AVG	26	8	12.5/14.7 (MCS11)	9.76	-0.88	8.88	30.00	-21.12

Table 7-30. Antenna 1 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	52	37	25/29.4 (MCS11)	10.84	2.14	12.98	30.00	-17.02
			AVG	52	39	25/29.4 (MCS11)	10.91	2.14	13.05	30.00	-16.95
			AVG	52	40	25/29.4 (MCS11)	11.00	2.14	13.14	30.00	-16.86
	6175	45	AVG	52	37	25/29.4 (MCS11)	10.92	2.14	13.06	30.00	-16.94
			AVG	52	39	25/29.4 (MCS11)	10.84	2.14	12.98	30.00	-17.02
			AVG	52	40	25/29.4 (MCS11)	10.85	2.14	12.99	30.00	-17.01
	6415	93	AVG	52	37	25/29.4 (MCS11)	10.91	2.14	13.05	30.00	-16.95
			AVG	52	39	25/29.4 (MCS11)	10.79	2.14	12.93	30.00	-17.07
			AVG	52	40	25/29.4 (MCS11)	10.82	2.14	12.96	30.00	-17.04
	6435	97	AVG	52	37	25/29.4 (MCS11)	10.61	0.74	11.35	30.00	-18.65
			AVG	52	39	25/29.4 (MCS11)	10.53	0.74	11.27	30.00	-18.73
			AVG	52	40	25/29.4 (MCS11)	10.53	0.74	11.27	30.00	-18.73
	6475	105	AVG	52	37	25/29.4 (MCS11)	10.94	0.74	11.68	30.00	-18.32
			AVG	52	39	25/29.4 (MCS11)	10.83	0.74	11.57	30.00	-18.43
			AVG	52	40	25/29.4 (MCS11)	10.80	0.74	11.54	30.00	-18.46
	6515	113	AVG	52	37	25/29.4 (MCS11)	10.96	0.74	11.70	30.00	-18.30
			AVG	52	39	25/29.4 (MCS11)	10.87	0.74	11.61	30.00	-18.39
			AVG	52	40	25/29.4 (MCS11)	10.88	0.74	11.62	30.00	-18.38
	6535	117	AVG	52	37	25/29.4 (MCS11)	10.58	-0.88	9.70	30.00	-20.30
			AVG	52	39	25/29.4 (MCS11)	10.38	-0.88	9.50	30.00	-20.50
			AVG	52	40	25/29.4 (MCS11)	10.40	-0.88	9.52	30.00	-20.48
	6695	149	AVG	52	37	25/29.4 (MCS11)	11.00	-0.88	10.12	30.00	-19.88
			AVG	52	39	25/29.4 (MCS11)	10.26	-0.88	9.38	30.00	-20.62
			AVG	52	40	25/29.4 (MCS11)	10.32	-0.88	9.44	30.00	-20.56
	6875	185	AVG	52	37	25/29.4 (MCS11)	10.73	-0.88	9.85	30.00	-20.15
			AVG	52	39	25/29.4 (MCS11)	10.74	-0.88	9.86	30.00	-20.14
			AVG	52	40	25/29.4 (MCS11)	10.78	-0.88	9.90	30.00	-20.10

Table 7-31. Antenna 1 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU52)

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	106	53	53.1/62.5 (MCS11)	11.66	2.14	13.80	30.00	-16.21
			AVG	106	54	53.1/62.5 (MCS11)	11.97	2.14	14.11	30.00	-15.89
	6175	45	AVG	106	53	53.1/62.5 (MCS11)	11.81	2.14	13.95	30.00	-16.05
			AVG	106	54	53.1/62.5 (MCS11)	11.82	2.14	13.96	30.00	-16.04
	6415	93	AVG	106	53	53.1/62.5 (MCS11)	11.81	2.14	13.95	30.00	-16.05
			AVG	106	54	53.1/62.5 (MCS11)	11.77	2.14	13.91	30.00	-16.09
	6435	97	AVG	106	53	53.1/62.5 (MCS11)	11.98	0.74	12.72	30.00	-17.28
			AVG	106	54	53.1/62.5 (MCS11)	11.96	0.74	12.70	30.00	-17.30
	6475	105	AVG	106	53	53.1/62.5 (MCS11)	11.75	0.74	12.49	30.00	-17.51
			AVG	106	54	53.1/62.5 (MCS11)	11.73	0.74	12.47	30.00	-17.53
	6515	113	AVG	106	53	53.1/62.5 (MCS11)	11.85	0.74	12.59	30.00	-17.41
			AVG	106	54	53.1/62.5 (MCS11)	11.77	0.74	12.51	30.00	-17.49
	6535	117	AVG	106	53	53.1/62.5 (MCS11)	11.81	-0.88	10.93	30.00	-19.07
			AVG	106	54	53.1/62.5 (MCS11)	11.30	-0.88	10.42	30.00	-19.59
	6695	149	AVG	106	53	53.1/62.5 (MCS11)	11.94	-0.88	11.06	30.00	-18.94
			AVG	106	54	53.1/62.5 (MCS11)	11.21	-0.88	10.33	30.00	-19.67
	6875	185	AVG	106	53	53.1/62.5 (MCS11)	11.63	-0.88	10.75	30.00	-19.25
			AVG	106	54	53.1/62.5 (MCS11)	11.71	-0.88	10.83	30.00	-19.17

Table 7-32. Antenna 1 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU106)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	26	0	12.5/14.7 (MCS11)	9.48	2.14	11.62	30.00	-18.38
			AVG	26	8	12.5/14.7 (MCS11)	9.40	2.14	11.54	30.00	-18.46
			AVG	26	17	12.5/14.7 (MCS11)	9.66	2.14	11.80	30.00	-18.20
	6165	43	AVG	26	0	12.5/14.7 (MCS11)	9.52	2.14	11.66	30.00	-18.34
			AVG	26	8	12.5/14.7 (MCS11)	9.80	2.14	11.94	30.00	-18.06
			AVG	26	17	12.5/14.7 (MCS11)	9.62	2.14	11.76	30.00	-18.25
	6405	91	AVG	26	0	12.5/14.7 (MCS11)	9.62	2.14	11.76	30.00	-18.24
			AVG	26	8	12.5/14.7 (MCS11)	9.26	2.14	11.40	30.00	-18.61
			AVG	26	17	12.5/14.7 (MCS11)	9.52	2.14	11.66	30.00	-18.34
	6445	99	AVG	26	0	12.5/14.7 (MCS11)	9.64	0.74	10.38	30.00	-19.62
			AVG	26	8	12.5/14.7 (MCS11)	9.88	0.74	10.62	30.00	-19.38
			AVG	26	17	12.5/14.7 (MCS11)	9.66	0.74	10.40	30.00	-19.60
	6485	107	AVG	26	0	12.5/14.7 (MCS11)	9.58	0.74	10.32	30.00	-19.68
			AVG	26	8	12.5/14.7 (MCS11)	9.56	0.74	10.30	30.00	-19.70
			AVG	26	17	12.5/14.7 (MCS11)	9.93	0.74	10.67	30.00	-19.33
	6525	115	AVG	26	0	12.5/14.7 (MCS11)	9.54	-0.88	8.66	30.00	-21.34
			AVG	26	8	12.5/14.7 (MCS11)	9.76	-0.88	8.88	30.00	-21.12
			AVG	26	17	12.5/14.7 (MCS11)	9.96	-0.88	9.08	30.00	-20.93
	6565	123	AVG	26	0	12.5/14.7 (MCS11)	9.51	-0.88	8.63	30.00	-21.37
			AVG	26	8	12.5/14.7 (MCS11)	9.41	-0.88	8.53	30.00	-21.47
			AVG	26	17	12.5/14.7 (MCS11)	9.65	-0.88	8.77	30.00	-21.24
	6725	155	AVG	26	0	12.5/14.7 (MCS11)	9.67	-0.88	8.79	30.00	-21.22
			AVG	26	8	12.5/14.7 (MCS11)	9.57	-0.88	8.69	30.00	-21.31
			AVG	26	17	12.5/14.7 (MCS11)	9.69	-0.88	8.81	30.00	-21.19
	6845	179	AVG	26	0	12.5/14.7 (MCS11)	9.54	-0.88	8.66	30.00	-21.34
			AVG	26	8	12.5/14.7 (MCS11)	9.37	-0.88	8.49	30.00	-21.51
			AVG	26	17	12.5/14.7 (MCS11)	9.53	-0.88	8.65	30.00	-21.35

Table 7-33. Antenna 1 40MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	26	0	12.5/14.7 (MCS11)	9.24	2.14	11.38	30.00	-18.62
			AVG	26	18	12.5/14.7 (MCS11)	9.27	2.14	11.41	30.00	-18.59
			AVG	26	36	12.5/14.7 (MCS11)	9.44	2.14	11.58	30.00	-18.42
	6145	39	AVG	26	0	12.5/14.7 (MCS11)	9.75	2.14	11.89	30.00	-18.11
			AVG	26	18	12.5/14.7 (MCS11)	9.26	2.14	11.40	30.00	-18.60
			AVG	26	36	12.5/14.7 (MCS11)	9.26	2.14	11.40	30.00	-18.61
	6385	87	AVG	26	0	12.5/14.7 (MCS11)	9.78	2.14	11.92	30.00	-18.08
			AVG	26	18	12.5/14.7 (MCS11)	9.88	2.14	12.02	30.00	-17.98
			AVG	26	36	12.5/14.7 (MCS11)	9.89	2.14	12.03	30.00	-17.97
	6465	103	AVG	26	0	12.5/14.7 (MCS11)	9.43	0.74	10.17	30.00	-19.83
			AVG	26	18	12.5/14.7 (MCS11)	9.81	0.74	10.55	30.00	-19.45
			AVG	26	36	12.5/14.7 (MCS11)	9.89	0.74	10.63	30.00	-19.37
	6545	119	AVG	26	0	12.5/14.7 (MCS11)	9.39	-0.88	8.51	30.00	-21.50
			AVG	26	18	12.5/14.7 (MCS11)	9.24	-0.88	8.36	30.00	-21.65
			AVG	26	36	12.5/14.7 (MCS11)	9.33	-0.88	8.45	30.00	-21.55
	6705	151	AVG	26	0	12.5/14.7 (MCS11)	9.82	-0.88	8.94	30.00	-21.06
			AVG	26	18	12.5/14.7 (MCS11)	9.73	-0.88	8.85	30.00	-21.15
			AVG	26	36	12.5/14.7 (MCS11)	9.75	-0.88	8.87	30.00	-21.13
	6865	183	AVG	26	0	12.5/14.7 (MCS11)	9.32	-0.88	8.44	30.00	-21.56
			AVG	26	18	12.5/14.7 (MCS11)	9.26	-0.88	8.38	30.00	-21.62
			AVG	26	36	12.5/14.7 (MCS11)	9.25	-0.88	8.37	30.00	-21.63

Table 7-34. Antenna 1 80MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15(L)	AVG	26	0	12.5/14.7 (MCS11)	9.99	2.14	12.13	30.00	-17.87
			AVG	26	36	12.5/14.7 (MCS11)	9.56	2.14	11.70	30.00	-18.30
		15(H)	AVG	26	36	12.5/14.7 (MCS11)	9.60	2.14	11.74	30.00	-18.26
	6185	47(L)	AVG	26	0	12.5/14.7 (MCS11)	9.74	2.14	11.88	30.00	-18.12
			AVG	26	36	12.5/14.7 (MCS11)	9.84	2.14	11.98	30.00	-18.02
		47(H)	AVG	26	36	12.5/14.7 (MCS11)	9.78	2.14	11.92	30.00	-18.08
	6345	79(L)	AVG	26	0	12.5/14.7 (MCS11)	9.44	2.14	11.58	30.00	-18.42
			AVG	26	36	12.5/14.7 (MCS11)	9.41	2.14	11.55	30.00	-18.45
		79(H)	AVG	26	36	12.5/14.7 (MCS11)	9.39	2.14	11.53	30.00	-18.47
	6505	111(L)	AVG	26	0	12.5/14.7 (MCS11)	9.93	0.74	10.67	30.00	-19.33
			AVG	26	36	12.5/14.7 (MCS11)	9.70	0.74	10.44	30.00	-19.56
		111(H)	AVG	26	36	12.5/14.7 (MCS11)	9.71	0.74	10.45	30.00	-19.55
	6665	143(L)	AVG	26	0	12.5/14.7 (MCS11)	9.24	-0.88	8.36	30.00	-21.64
			AVG	26	36	12.5/14.7 (MCS11)	9.31	-0.88	8.43	30.00	-21.58
		143(H)	AVG	26	36	12.5/14.7 (MCS11)	9.29	-0.88	8.41	30.00	-21.59

Table 7-35. Antenna 1 160MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	242	61	121.9/143.4 (MCS11)	16.72	2.14	18.86	30.00	-11.15
	6175	45	AVG	242	61	121.9/143.4 (MCS11)	16.63	2.14	18.77	30.00	-11.24
	6415	93	AVG	242	61	121.9/143.4 (MCS11)	16.47	2.14	18.61	30.00	-11.39
	6435	97	AVG	242	61	121.9/143.4 (MCS11)	16.81	0.74	17.55	30.00	-12.45
	6475	105	AVG	242	61	121.9/143.4 (MCS11)	16.55	0.74	17.29	30.00	-12.71
	6515	113	AVG	242	61	121.9/143.4 (MCS11)	16.95	0.74	17.69	30.00	-12.31
	6535	117	AVG	242	61	121.9/143.4 (MCS11)	16.08	-0.88	15.20	30.00	-14.80
	6695	149	AVG	242	61	121.9/143.4 (MCS11)	15.94	-0.88	15.06	30.00	-14.94
	6875	185	AVG	242	61	121.9/143.4 (MCS11)	16.41	-0.88	15.53	30.00	-14.47

Table 7-36. Antenna 1 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	484	65	243.8/286.8 (MCS11)	16.87	2.14	19.01	30.00	-10.99
	6165	43	AVG	484	65	243.8/286.8 (MCS11)	16.77	2.14	18.91	30.00	-11.09
	6405	91	AVG	484	65	243.8/286.8 (MCS11)	16.57	2.14	18.71	30.00	-11.29
	6445	99	AVG	484	65	243.8/286.8 (MCS11)	16.83	0.74	17.57	30.00	-12.43
	6485	107	AVG	484	65	243.8/286.8 (MCS11)	16.63	0.74	17.37	30.00	-12.63
	6525	115	AVG	484	65	243.8/286.8 (MCS11)	16.03	-0.88	15.15	30.00	-14.86
	6565	123	AVG	484	65	243.8/286.8 (MCS11)	16.16	-0.88	15.28	30.00	-14.72
	6725	155	AVG	484	65	243.8/286.8 (MCS11)	16.36	-0.88	15.48	30.00	-14.52
	6845	179	AVG	484	65	243.8/286.8 (MCS11)	16.41	-0.88	15.53	30.00	-14.47

Table 7-37. Antenna 1 40MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	996	67	510.4/600.5 (MCS11)	16.62	2.14	18.76	30.00	-11.25
	6145	39	AVG	996	67	510.4/600.5 (MCS11)	16.46	2.14	18.60	30.00	-11.40
	6385	87	AVG	996	67	510.4/600.5 (MCS11)	16.53	2.14	18.67	30.00	-11.33
	6465	103	AVG	996	67	510.4/600.5 (MCS11)	16.60	0.74	17.34	30.00	-12.66
	6545	119	AVG	996	67	510.4/600.5 (MCS11)	15.94	-0.88	15.06	30.00	-14.94
	6705	151	AVG	996	67	510.4/600.5 (MCS11)	15.78	-0.88	14.90	30.00	-15.10
	6865	183	AVG	996	67	510.4/600.5 (MCS11)	16.28	-0.88	15.40	30.00	-14.60

Table 7-38. Antenna 1 80MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	996x2	68	1020.8/1201 (MCS11)	15.85	2.14	17.99	30.00	-12.01
	6185	47	AVG	996x2	68	1020.8/1201 (MCS11)	15.01	2.14	17.15	30.00	-12.85
	6345	79	AVG	996x2	68	1020.8/1201 (MCS11)	15.58	2.14	17.72	30.00	-12.28
	6505	111	AVG	996x2	68	1020.8/1201 (MCS11)	15.83	0.74	16.57	30.00	-13.43
	6665	143	AVG	996x2	68	1020.8/1201 (MCS11)	14.94	-0.88	14.06	30.00	-15.94

Table 7-39. Antenna 1 160MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

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7.3.4 Antenna 1 Conducted Output Power Measurements – LPI

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
			AVG	26	0	12.5/14.7 (MCS11)	-4.02	2.14	-1.88	24.00	-25.88
5955	1		AVG	26	4	12.5/14.7 (MCS11)	-4.02	2.14	-1.88	24.00	-25.88
			AVG	26	8	12.5/14.7 (MCS11)	-3.86	2.14	-1.72	24.00	-25.72
			AVG	26	0	12.5/14.7 (MCS11)	-3.94	2.14	-1.80	24.00	-25.80
6175	45		AVG	26	0	12.5/14.7 (MCS11)	-3.94	2.14	-1.80	24.00	-25.80
			AVG	26	4	12.5/14.7 (MCS11)	-3.02	2.14	-0.88	24.00	-24.88
			AVG	26	8	12.5/14.7 (MCS11)	-3.89	2.14	-1.75	24.00	-25.75
6415	93		AVG	26	0	12.5/14.7 (MCS11)	-2.03	2.14	0.11	24.00	-23.89
			AVG	26	4	12.5/14.7 (MCS11)	-2.14	2.14	0.00	24.00	-24.00
			AVG	26	8	12.5/14.7 (MCS11)	-2.10	2.14	0.04	24.00	-23.96
6435	97		AVG	26	0	12.5/14.7 (MCS11)	-2.59	0.74	-1.85	24.00	-25.85
			AVG	26	4	12.5/14.7 (MCS11)	-2.68	0.74	-1.94	24.00	-25.94
			AVG	26	8	12.5/14.7 (MCS11)	-2.56	0.74	-1.82	24.00	-25.82
6475	105		AVG	26	0	12.5/14.7 (MCS11)	-2.55	0.74	-1.81	24.00	-25.81
			AVG	26	4	12.5/14.7 (MCS11)	-2.68	0.74	-1.94	24.00	-25.94
			AVG	26	8	12.5/14.7 (MCS11)	-2.59	0.74	-1.85	24.00	-25.85
6515	113		AVG	26	0	12.5/14.7 (MCS11)	-2.94	0.74	-2.20	24.00	-26.20
			AVG	26	4	12.5/14.7 (MCS11)	-3.17	0.74	-2.43	24.00	-26.43
			AVG	26	8	12.5/14.7 (MCS11)	-3.13	0.74	-2.39	24.00	-26.39
6535	117		AVG	26	0	12.5/14.7 (MCS11)	-0.27	-0.88	-1.15	24.00	-25.15
			AVG	26	4	12.5/14.7 (MCS11)	-0.41	-0.88	-1.29	24.00	-25.29
			AVG	26	8	12.5/14.7 (MCS11)	-0.34	-0.88	-1.22	24.00	-25.22
6695	149		AVG	26	0	12.5/14.7 (MCS11)	-0.14	-0.88	-1.02	24.00	-25.02
			AVG	26	4	12.5/14.7 (MCS11)	-0.16	-0.88	-1.04	24.00	-25.04
			AVG	26	8	12.5/14.7 (MCS11)	-0.03	-0.88	-0.91	24.00	-24.91
6875	185		AVG	26	0	12.5/14.7 (MCS11)	-1.20	-0.88	-2.08	24.00	-26.08
			AVG	26	4	12.5/14.7 (MCS11)	-1.38	-0.88	-2.26	24.00	-26.26
			AVG	26	8	12.5/14.7 (MCS11)	-1.19	-0.88	-2.07	24.00	-26.07
6895	189		AVG	26	0	12.5/14.7 (MCS11)	-1.34	0.18	-1.16	24.00	-25.16
			AVG	26	4	12.5/14.7 (MCS11)	-1.44	0.18	-1.26	24.00	-25.26
			AVG	26	8	12.5/14.7 (MCS11)	-1.33	0.18	-1.15	24.00	-25.15
6995	209		AVG	26	0	12.5/14.7 (MCS11)	-1.56	0.18	-1.38	24.00	-25.38
			AVG	26	4	12.5/14.7 (MCS11)	-1.64	0.18	-1.46	24.00	-25.46
			AVG	26	8	12.5/14.7 (MCS11)	-1.50	0.18	-1.32	24.00	-25.32
7095	229		AVG	26	0	12.5/14.7 (MCS11)	-1.02	0.18	-0.84	24.00	-24.84
			AVG	26	4	12.5/14.7 (MCS11)	-1.14	0.18	-0.96	24.00	-24.96
			AVG	26	8	12.5/14.7 (MCS11)	-1.01	0.18	-0.83	24.00	-24.83

Table 7-40. Antenna 1 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	52	37	25/29.4 (MCS11)	-1.00	2.14	1.14	24.00	-22.86
			AVG	52	39	25/29.4 (MCS11)	-0.85	2.14	1.29	24.00	-22.71
			AVG	52	40	25/29.4 (MCS11)	-0.78	2.14	1.36	24.00	-22.64
	6175	45	AVG	52	37	25/29.4 (MCS11)	-0.45	2.14	1.69	24.00	-22.31
			AVG	52	39	25/29.4 (MCS11)	-0.51	2.14	1.63	24.00	-22.37
			AVG	52	40	25/29.4 (MCS11)	-0.42	2.14	1.72	24.00	-22.28
	6415	93	AVG	52	37	25/29.4 (MCS11)	0.84	2.14	2.98	24.00	-21.02
			AVG	52	39	25/29.4 (MCS11)	0.79	2.14	2.93	24.00	-21.07
			AVG	52	40	25/29.4 (MCS11)	0.80	2.14	2.94	24.00	-21.06
	6435	97	AVG	52	37	25/29.4 (MCS11)	0.37	0.74	1.11	24.00	-22.90
			AVG	52	39	25/29.4 (MCS11)	0.32	0.74	1.06	24.00	-22.94
			AVG	52	40	25/29.4 (MCS11)	0.40	0.74	1.14	24.00	-22.86
	6475	105	AVG	52	37	25/29.4 (MCS11)	0.34	0.74	1.08	24.00	-22.92
			AVG	52	39	25/29.4 (MCS11)	0.25	0.74	0.99	24.00	-23.02
			AVG	52	40	25/29.4 (MCS11)	0.30	0.74	1.04	24.00	-22.96
	6515	113	AVG	52	37	25/29.4 (MCS11)	-0.23	0.74	0.51	24.00	-23.49
			AVG	52	39	25/29.4 (MCS11)	-0.31	0.74	0.43	24.00	-23.57
			AVG	52	40	25/29.4 (MCS11)	-0.32	0.74	0.42	24.00	-23.58
	6535	117	AVG	52	37	25/29.4 (MCS11)	3.00	-0.88	2.12	24.00	-21.88
AVG			52	39	25/29.4 (MCS11)	2.87	-0.88	1.99	24.00	-22.02	
AVG			52	40	25/29.4 (MCS11)	2.91	-0.88	2.03	24.00	-21.97	
6695	149	AVG	52	37	25/29.4 (MCS11)	2.97	-0.88	2.09	24.00	-21.91	
		AVG	52	39	25/29.4 (MCS11)	2.91	-0.88	2.03	24.00	-21.97	
		AVG	52	40	25/29.4 (MCS11)	2.97	-0.88	2.09	24.00	-21.91	
6875	185	AVG	52	37	25/29.4 (MCS11)	1.11	-0.88	0.23	24.00	-23.77	
		AVG	52	39	25/29.4 (MCS11)	1.10	-0.88	0.22	24.00	-23.78	
		AVG	52	40	25/29.4 (MCS11)	1.17	-0.88	0.29	24.00	-23.72	
6895	189	AVG	52	37	25/29.4 (MCS11)	1.15	0.18	1.33	24.00	-22.67	
		AVG	52	39	25/29.4 (MCS11)	1.09	0.18	1.27	24.00	-22.73	
		AVG	52	40	25/29.4 (MCS11)	1.04	0.18	1.22	24.00	-22.78	
6995	209	AVG	52	37	25/29.4 (MCS11)	1.58	0.18	1.76	24.00	-22.24	
		AVG	52	39	25/29.4 (MCS11)	1.57	0.18	1.75	24.00	-22.25	
		AVG	52	40	25/29.4 (MCS11)	1.62	0.18	1.80	24.00	-22.20	
7095	229	AVG	52	37	25/29.4 (MCS11)	1.77	0.18	1.95	24.00	-22.05	
		AVG	52	39	25/29.4 (MCS11)	1.86	0.18	2.04	24.00	-21.96	
		AVG	52	40	25/29.4 (MCS11)	1.85	0.18	2.03	24.00	-21.97	

Table 7-41. Antenna 1 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU52)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	106	53	53.1/62.5 (MCS11)	2.11	2.14	4.25	24.00	-19.76
			AVG	106	54	53.1/62.5 (MCS11)	2.26	2.14	4.40	24.00	-19.60
	6175	45	AVG	106	53	53.1/62.5 (MCS11)	2.94	2.14	5.08	24.00	-18.92
			AVG	106	54	53.1/62.5 (MCS11)	2.94	2.14	5.08	24.00	-18.92
	6415	93	AVG	106	53	53.1/62.5 (MCS11)	3.81	2.14	5.95	24.00	-18.05
			AVG	106	54	53.1/62.5 (MCS11)	3.77	2.14	5.91	24.00	-18.09
	6435	97	AVG	106	53	53.1/62.5 (MCS11)	3.10	0.74	3.84	24.00	-20.17
			AVG	106	54	53.1/62.5 (MCS11)	3.09	0.74	3.83	24.00	-20.17
	6475	105	AVG	106	53	53.1/62.5 (MCS11)	3.31	0.74	4.05	24.00	-19.95
			AVG	106	54	53.1/62.5 (MCS11)	3.29	0.74	4.03	24.00	-19.97
	6515	113	AVG	106	53	53.1/62.5 (MCS11)	3.39	0.74	4.13	24.00	-19.87
			AVG	106	54	53.1/62.5 (MCS11)	3.34	0.74	4.08	24.00	-19.92
	6535	117	AVG	106	53	53.1/62.5 (MCS11)	5.70	-0.88	4.82	24.00	-19.18
			AVG	106	54	53.1/62.5 (MCS11)	5.65	-0.88	4.77	24.00	-19.23
	6695	149	AVG	106	53	53.1/62.5 (MCS11)	5.66	-0.88	4.78	24.00	-19.22
			AVG	106	54	53.1/62.5 (MCS11)	5.75	-0.88	4.87	24.00	-19.14
	6875	185	AVG	106	53	53.1/62.5 (MCS11)	4.61	-0.88	3.73	24.00	-20.27
			AVG	106	54	53.1/62.5 (MCS11)	4.67	-0.88	3.79	24.00	-20.22
	6895	189	AVG	106	53	53.1/62.5 (MCS11)	4.57	0.18	4.75	24.00	-19.25
			AVG	106	54	53.1/62.5 (MCS11)	4.60	0.18	4.78	24.00	-19.22
	6995	209	AVG	106	53	53.1/62.5 (MCS11)	4.85	0.18	5.03	24.00	-18.97
			AVG	106	54	53.1/62.5 (MCS11)	4.87	0.18	5.05	24.00	-18.95
	7095	229	AVG	106	53	53.1/62.5 (MCS11)	4.82	0.18	5.00	24.00	-19.00
			AVG	106	54	53.1/62.5 (MCS11)	4.74	0.18	4.92	24.00	-19.08

Table 7-42. Antenna 1 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU106)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 325

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	26	0	12.5/14.7 (MCS11)	-4.03	2.14	-1.89	24.00	-25.89
			AVG	26	8	12.5/14.7 (MCS11)	-4.02	2.14	-1.88	24.00	-25.88
			AVG	26	17	12.5/14.7 (MCS11)	-3.75	2.14	-1.61	24.00	-25.61
	6165	43	AVG	26	0	12.5/14.7 (MCS11)	-3.90	2.14	-1.76	24.00	-25.76
			AVG	26	8	12.5/14.7 (MCS11)	-3.15	2.14	-1.01	24.00	-25.01
			AVG	26	17	12.5/14.7 (MCS11)	-3.78	2.14	-1.64	24.00	-25.64
	6405	91	AVG	26	0	12.5/14.7 (MCS11)	-2.01	2.14	0.13	24.00	-23.87
			AVG	26	8	12.5/14.7 (MCS11)	-2.26	2.14	-0.12	24.00	-24.12
			AVG	26	17	12.5/14.7 (MCS11)	-2.46	2.14	-0.32	24.00	-24.32
	6445	99	AVG	26	0	12.5/14.7 (MCS11)	-2.93	0.74	-2.19	24.00	-26.19
			AVG	26	8	12.5/14.7 (MCS11)	-3.14	0.74	-2.40	24.00	-26.40
			AVG	26	17	12.5/14.7 (MCS11)	-2.87	0.74	-2.13	24.00	-26.13
	6485	107	AVG	26	0	12.5/14.7 (MCS11)	-2.96	0.74	-2.22	24.00	-26.22
			AVG	26	8	12.5/14.7 (MCS11)	-3.37	0.74	-2.63	24.00	-26.63
			AVG	26	17	12.5/14.7 (MCS11)	-2.98	0.74	-2.24	24.00	-26.24
	6525	115	AVG	26	0	12.5/14.7 (MCS11)	-2.59	-0.88	-3.47	24.00	-27.47
			AVG	26	8	12.5/14.7 (MCS11)	-2.83	-0.88	-3.71	24.00	-27.71
			AVG	26	17	12.5/14.7 (MCS11)	-2.55	-0.88	-3.43	24.00	-27.43
	6565	123	AVG	26	0	12.5/14.7 (MCS11)	-0.32	-0.88	-1.20	24.00	-25.20
			AVG	26	8	12.5/14.7 (MCS11)	-0.42	-0.88	-1.30	24.00	-25.30
			AVG	26	17	12.5/14.7 (MCS11)	-0.20	-0.88	-1.08	24.00	-25.08
	6725	155	AVG	26	0	12.5/14.7 (MCS11)	-0.20	-0.88	-1.08	24.00	-25.08
			AVG	26	8	12.5/14.7 (MCS11)	-0.24	-0.88	-1.12	24.00	-25.12
			AVG	26	17	12.5/14.7 (MCS11)	-0.46	-0.88	-1.34	24.00	-25.34
	6845	179	AVG	26	0	12.5/14.7 (MCS11)	-0.55	-0.88	-1.43	24.00	-25.43
			AVG	26	8	12.5/14.7 (MCS11)	-0.59	-0.88	-1.47	24.00	-25.47
			AVG	26	17	12.5/14.7 (MCS11)	-0.46	-0.88	-1.34	24.00	-25.34
	6885	187	AVG	26	0	12.5/14.7 (MCS11)	-1.72	0.18	-1.54	24.00	-25.54
			AVG	26	8	12.5/14.7 (MCS11)	-1.90	0.18	-1.72	24.00	-25.72
			AVG	26	17	12.5/14.7 (MCS11)	-1.66	0.18	-1.48	24.00	-25.48
	7005	211	AVG	26	0	12.5/14.7 (MCS11)	-1.04	0.18	-0.86	24.00	-24.86
			AVG	26	8	12.5/14.7 (MCS11)	-1.25	0.18	-1.07	24.00	-25.07
			AVG	26	17	12.5/14.7 (MCS11)	-1.47	0.18	-1.29	24.00	-25.29
	7085	227	AVG	26	0	12.5/14.7 (MCS11)	-1.06	0.18	-0.88	24.00	-24.88
			AVG	26	8	12.5/14.7 (MCS11)	-1.38	0.18	-1.20	24.00	-25.20
			AVG	26	17	12.5/14.7 (MCS11)	-1.10	0.18	-0.92	24.00	-24.92

Table 7-43. Antenna 1 40MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 74 of 325

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	26	0	12.5/14.7 (MCS11)	-4.22	2.14	-2.08	24.00	-26.08
			AVG	26	18	12.5/14.7 (MCS11)	-4.11	2.14	-1.97	24.00	-25.97
			AVG	26	36	12.5/14.7 (MCS11)	-3.98	2.14	-1.84	24.00	-25.84
	6145	39	AVG	26	0	12.5/14.7 (MCS11)	-3.47	2.14	-1.33	24.00	-25.33
			AVG	26	18	12.5/14.7 (MCS11)	-3.47	2.14	-1.33	24.00	-25.33
			AVG	26	36	12.5/14.7 (MCS11)	-3.30	2.14	-1.16	24.00	-25.16
	6385	87	AVG	26	0	12.5/14.7 (MCS11)	-2.91	2.14	-0.77	24.00	-24.77
			AVG	26	18	12.5/14.7 (MCS11)	-2.09	2.14	0.05	24.00	-23.95
			AVG	26	36	12.5/14.7 (MCS11)	-2.49	2.14	-0.35	24.00	-24.35
	6465	103	AVG	26	0	12.5/14.7 (MCS11)	-2.73	0.74	-1.99	24.00	-25.99
			AVG	26	18	12.5/14.7 (MCS11)	-2.78	0.74	-2.04	24.00	-26.04
			AVG	26	36	12.5/14.7 (MCS11)	-2.76	0.74	-2.02	24.00	-26.02
	6545	119	AVG	26	0	12.5/14.7 (MCS11)	-3.22	-0.88	-4.10	24.00	-28.10
			AVG	26	18	12.5/14.7 (MCS11)	-3.35	-0.88	-4.23	24.00	-28.23
			AVG	26	36	12.5/14.7 (MCS11)	-3.20	-0.88	-4.08	24.00	-28.08
	6705	151	AVG	26	0	12.5/14.7 (MCS11)	-0.16	-0.88	-1.04	24.00	-25.04
			AVG	26	18	12.5/14.7 (MCS11)	-0.21	-0.88	-1.09	24.00	-25.09
			AVG	26	36	12.5/14.7 (MCS11)	-0.05	-0.88	-0.93	24.00	-24.93
	6865	183	AVG	26	0	12.5/14.7 (MCS11)	-1.59	-0.88	-2.47	24.00	-26.47
			AVG	26	18	12.5/14.7 (MCS11)	-1.74	-0.88	-2.62	24.00	-26.62
			AVG	26	36	12.5/14.7 (MCS11)	-1.70	-0.88	-2.58	24.00	-26.58
	6945	199	AVG	26	0	12.5/14.7 (MCS11)	-1.73	0.18	-1.55	24.00	-25.55
			AVG	26	18	12.5/14.7 (MCS11)	-1.78	0.18	-1.60	24.00	-25.60
			AVG	26	36	12.5/14.7 (MCS11)	-1.94	0.18	-1.76	24.00	-25.76
	7025	215	AVG	26	0	12.5/14.7 (MCS11)	-1.58	0.18	-1.40	24.00	-25.40
			AVG	26	18	12.5/14.7 (MCS11)	-1.76	0.18	-1.58	24.00	-25.58
			AVG	26	36	12.5/14.7 (MCS11)	-1.78	0.18	-1.60	24.00	-25.60

Table 7-44. Antenna 1 80MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15 (L)	AVG	26	0	12.5/14.7 (MCS11)	-4.17	2.14	-2.03	24.00	-26.03
			AVG	26	36	12.5/14.7 (MCS11)	-3.89	2.14	-1.75	24.00	-25.75
		15 (U)	AVG	26	36	12.5/14.7 (MCS11)	-3.83	2.14	-1.69	24.00	-25.69
	6185	47 (L)	AVG	26	0	12.5/14.7 (MCS11)	-3.79	2.14	-1.65	24.00	-25.65
			AVG	26	36	12.5/14.7 (MCS11)	-3.61	2.14	-1.47	24.00	-25.47
		47 (U)	AVG	26	36	12.5/14.7 (MCS11)	-3.63	2.14	-1.49	24.00	-25.49
	6345	79 (L)	AVG	26	0	12.5/14.7 (MCS11)	-2.73	2.14	-0.59	24.00	-24.59
			AVG	26	36	12.5/14.7 (MCS11)	-2.74	2.14	-0.60	24.00	-24.60
		79 (U)	AVG	26	36	12.5/14.7 (MCS11)	-2.75	2.14	-0.61	24.00	-24.61
	6505	111 (L)	AVG	26	0	12.5/14.7 (MCS11)	-2.81	0.74	-2.07	24.00	-26.07
			AVG	26	36	12.5/14.7 (MCS11)	-2.82	0.74	-2.08	24.00	-26.08
		111 (U)	AVG	26	36	12.5/14.7 (MCS11)	-2.82	0.74	-2.08	24.00	-26.08
	6665	143 (L)	AVG	26	0	12.5/14.7 (MCS11)	-0.24	-0.88	-1.12	24.00	-25.12
			AVG	26	36	12.5/14.7 (MCS11)	-0.10	-0.88	-0.98	24.00	-24.98
		143 (U)	AVG	26	36	12.5/14.7 (MCS11)	-0.07	-0.88	-0.95	24.00	-24.95
	6825	175 (L)	AVG	26	0	12.5/14.7 (MCS11)	-1.76	-0.88	-2.64	24.00	-26.64
			AVG	26	36	12.5/14.7 (MCS11)	-1.76	-0.88	-2.64	24.00	-26.64
		175 (U)	AVG	26	36	12.5/14.7 (MCS11)	-1.78	-0.88	-2.66	24.00	-26.66
	6985	207 (L)	AVG	26	0	12.5/14.7 (MCS11)	-1.74	0.18	-1.56	24.00	-25.56
			AVG	26	36	12.5/14.7 (MCS11)	-1.74	0.18	-1.56	24.00	-25.56
		207 (U)	AVG	26	36	12.5/14.7 (MCS11)	-1.76	0.18	-1.58	24.00	-25.58

Table 7-45. Antenna 1 160MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 75 of 325

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5955	1	AVG	242	61	121.9/143.4 (MCS11)	5.10	2.14	7.24	24.00	-16.76
	6175	45	AVG	242	61	121.9/143.4 (MCS11)	5.68	2.14	7.82	24.00	-16.18
	6415	93	AVG	242	61	121.9/143.4 (MCS11)	6.98	2.14	9.12	24.00	-14.88
	6435	97	AVG	242	61	121.9/143.4 (MCS11)	5.90	0.74	6.64	24.00	-17.36
	6475	105	AVG	242	61	121.9/143.4 (MCS11)	6.09	0.74	6.83	24.00	-17.17
	6515	113	AVG	242	61	121.9/143.4 (MCS11)	5.68	0.74	6.42	24.00	-17.58
	6535	117	AVG	242	61	121.9/143.4 (MCS11)	8.98	-0.88	8.10	24.00	-15.90
	6695	149	AVG	242	61	121.9/143.4 (MCS11)	8.72	-0.88	7.84	24.00	-16.16
	6875	185	AVG	242	61	121.9/143.4 (MCS11)	7.79	-0.88	6.91	24.00	-17.09
	6895	189	AVG	242	61	121.9/143.4 (MCS11)	7.69	0.18	7.87	24.00	-16.13
	6995	209	AVG	242	61	121.9/143.4 (MCS11)	7.93	0.18	8.11	24.00	-15.89
	7095	229	AVG	242	61	121.9/143.4 (MCS11)	7.59	0.18	7.77	24.00	-16.23

Table 7-46. Antenna 1 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	484	65	243.8/286.8 (MCS11)	7.85	2.14	9.99	24.00	-14.01
	6165	43	AVG	484	65	243.8/286.8 (MCS11)	8.33	2.14	10.47	24.00	-13.53
	6405	91	AVG	484	65	243.8/286.8 (MCS11)	9.43	2.14	11.57	24.00	-12.43
	6445	99	AVG	484	65	243.8/286.8 (MCS11)	8.54	0.74	9.28	24.00	-14.72
	6485	107	AVG	484	65	243.8/286.8 (MCS11)	8.79	0.74	9.53	24.00	-14.48
	6525	115	AVG	484	65	243.8/286.8 (MCS11)	8.61	-0.88	7.73	24.00	-16.28
	6565	123	AVG	484	65	243.8/286.8 (MCS11)	10.84	-0.88	9.96	24.00	-14.04
	6725	155	AVG	484	65	243.8/286.8 (MCS11)	10.90	-0.88	10.02	24.00	-13.98
	6845	179	AVG	484	65	243.8/286.8 (MCS11)	11.18	-0.88	10.30	24.00	-13.70
	6885	187	AVG	484	65	243.8/286.8 (MCS11)	9.68	0.18	9.86	24.00	-14.14
	7005	211	AVG	484	65	243.8/286.8 (MCS11)	9.89	0.18	10.07	24.00	-13.93
	7085	227	AVG	484	65	243.8/286.8 (MCS11)	9.91	0.18	10.09	24.00	-13.91

Table 7-47. Antenna 1 40MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	996	67	510.4/600.5 (MCS11)	10.12	2.14	12.26	24.00	-11.75
	6145	39	AVG	996	67	510.4/600.5 (MCS11)	11.09	2.14	13.23	24.00	-10.77
	6385	87	AVG	996	67	510.4/600.5 (MCS11)	12.41	2.14	14.55	24.00	-9.45
	6465	103	AVG	996	67	510.4/600.5 (MCS11)	11.93	0.74	12.67	24.00	-11.34
	6545	119	AVG	996	67	510.4/600.5 (MCS11)	11.62	-0.88	10.74	24.00	-13.26
	6705	151	AVG	996	67	510.4/600.5 (MCS11)	14.42	-0.88	13.54	24.00	-10.46
	6865	183	AVG	996	67	510.4/600.5 (MCS11)	13.32	-0.88	12.44	24.00	-11.57
	6945	199	AVG	996	67	510.4/600.5 (MCS11)	13.07	0.18	13.25	24.00	-10.75
	7025	215	AVG	996	67	510.4/600.5 (MCS11)	13.32	0.18	13.50	24.00	-10.50

Table 7-48. Antenna 1 80MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	996x2	68	1020.8/1201 (MCS11)	13.48	2.14	15.62	24.00	-8.38
	6185	47	AVG	996x2	68	1020.8/1201 (MCS11)	13.63	2.14	15.77	24.00	-8.23
	6345	79	AVG	996x2	68	1020.8/1201 (MCS11)	14.88	2.14	17.02	24.00	-6.98
	6505	111	AVG	996x2	68	1020.8/1201 (MCS11)	14.03	0.74	14.77	24.00	-9.23
	6665	143	AVG	996x2	68	1020.8/1201 (MCS11)	14.07	-0.88	13.19	24.00	-10.81
	6825	175	AVG	996x2	68	1020.8/1201 (MCS11)	13.28	-0.88	12.40	24.00	-11.60
	6985	207	AVG	996x2	68	1020.8/1201 (MCS11)	13.39	0.18	13.57	24.00	-10.43

Table 7-49. Antenna 1 160MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 76 of 325

7.3.5 CDD Conducted Output Power Measurements – SP

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
6GHz (20MHz Bandwidth)	5955	1	CDD	AVG	26	0	25/29.4 (MCS11)	8.82	8.80	11.82	2.85	14.67	30.00	-15.33
			CDD	AVG	26	4	25/29.4 (MCS11)	8.84	8.80	11.83	2.85	14.68	30.00	-15.32
			CDD	AVG	26	8	25/29.4 (MCS11)	8.91	8.95	11.94	2.85	14.79	30.00	-15.21
	6175	45	CDD	AVG	26	0	25/29.4 (MCS11)	8.92	8.80	11.87	2.85	14.72	30.00	-15.28
			CDD	AVG	26	4	25/29.4 (MCS11)	8.86	8.83	11.85	2.85	14.70	30.00	-15.30
			CDD	AVG	26	8	25/29.4 (MCS11)	8.82	8.84	11.84	2.85	14.69	30.00	-15.31
	6415	93	CDD	AVG	26	0	25/29.4 (MCS11)	8.75	8.44	11.61	2.85	14.46	30.00	-15.54
			CDD	AVG	26	4	25/29.4 (MCS11)	8.66	8.31	11.49	2.85	14.34	30.00	-15.66
			CDD	AVG	26	8	25/29.4 (MCS11)	8.67	8.54	11.61	2.85	14.46	30.00	-15.54
	6435	97	CDD	AVG	26	0	25/29.4 (MCS11)	8.74	8.55	11.66	1.73	13.39	30.00	-16.61
			CDD	AVG	26	4	25/29.4 (MCS11)	8.49	8.51	11.51	1.73	13.24	30.00	-16.76
			CDD	AVG	26	8	25/29.4 (MCS11)	8.54	8.53	11.55	1.73	13.28	30.00	-16.72
	6475	105	CDD	AVG	26	0	25/29.4 (MCS11)	8.88	8.88	11.89	1.73	13.62	30.00	-16.38
			CDD	AVG	26	4	25/29.4 (MCS11)	8.65	8.80	11.74	1.73	13.47	30.00	-16.53
			CDD	AVG	26	8	25/29.4 (MCS11)	8.72	8.82	11.78	1.73	13.51	30.00	-16.49
	6515	113	CDD	AVG	26	0	25/29.4 (MCS11)	8.62	8.58	11.61	1.73	13.34	30.00	-16.66
			CDD	AVG	26	4	25/29.4 (MCS11)	8.36	8.95	11.68	1.73	13.41	30.00	-16.59
			CDD	AVG	26	8	25/29.4 (MCS11)	8.35	8.97	11.68	1.73	13.41	30.00	-16.59
	6535	117	CDD	AVG	26	0	25/29.4 (MCS11)	8.68	8.65	11.67	-0.88	10.79	30.00	-19.21
			CDD	AVG	26	4	25/29.4 (MCS11)	8.80	8.51	11.67	-0.88	10.79	30.00	-19.21
			CDD	AVG	26	8	25/29.4 (MCS11)	8.78	8.54	11.67	-0.88	10.79	30.00	-19.21
	6695	149	CDD	AVG	26	0	25/29.4 (MCS11)	8.66	8.22	11.46	-0.88	10.58	30.00	-19.42
			CDD	AVG	26	4	25/29.4 (MCS11)	8.43	8.28	11.36	-0.88	10.48	30.00	-19.52
			CDD	AVG	26	8	25/29.4 (MCS11)	8.46	8.36	11.42	-0.88	10.54	30.00	-19.46
	6875	185	CDD	AVG	26	0	25/29.4 (MCS11)	8.85	8.76	11.81	-0.88	10.93	30.00	-19.07
			CDD	AVG	26	4	25/29.4 (MCS11)	8.80	8.72	11.77	-0.88	10.89	30.00	-19.11
			CDD	AVG	26	8	25/29.4 (MCS11)	8.79	8.86	11.84	-0.88	10.96	30.00	-19.04

Table 7-50. CDD 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
6GHz (20MHz Bandwidth)	5955	1	CDD	AVG	52	37	50/58.8 (MCS11)	9.86	9.77	12.83	2.85	15.68	30.00	-14.32
			CDD	AVG	52	39	50/58.8 (MCS11)	9.83	9.94	12.90	2.85	15.75	30.00	-14.25
			CDD	AVG	52	40	50/58.8 (MCS11)	9.93	9.95	12.95	2.85	15.80	30.00	-14.20
	6175	45	CDD	AVG	52	37	50/58.8 (MCS11)	9.99	9.87	12.94	2.85	15.79	30.00	-14.21
			CDD	AVG	52	39	50/58.8 (MCS11)	9.82	9.83	12.84	2.85	15.69	30.00	-14.31
			CDD	AVG	52	40	50/58.8 (MCS11)	9.91	9.87	12.90	2.85	15.75	30.00	-14.25
	6415	93	CDD	AVG	52	37	50/58.8 (MCS11)	9.69	9.89	12.80	2.85	15.65	30.00	-14.35
			CDD	AVG	52	39	50/58.8 (MCS11)	9.61	9.82	12.73	2.85	15.58	30.00	-14.42
			CDD	AVG	52	40	50/58.8 (MCS11)	9.65	9.82	12.75	2.85	15.60	30.00	-14.40
	6435	97	CDD	AVG	52	37	50/58.8 (MCS11)	9.83	9.61	12.73	1.73	14.46	30.00	-15.54
			CDD	AVG	52	39	50/58.8 (MCS11)	9.34	9.59	12.48	1.73	14.21	30.00	-15.79
			CDD	AVG	52	40	50/58.8 (MCS11)	9.52	9.57	12.56	1.73	14.29	30.00	-15.71
	6475	105	CDD	AVG	52	37	50/58.8 (MCS11)	9.83	9.90	12.88	1.73	14.61	30.00	-15.39
			CDD	AVG	52	39	50/58.8 (MCS11)	9.77	9.81	12.80	1.73	14.53	30.00	-15.47
			CDD	AVG	52	40	50/58.8 (MCS11)	9.67	9.79	12.74	1.73	14.47	30.00	-15.53
	6515	113	CDD	AVG	52	37	50/58.8 (MCS11)	9.48	9.52	12.51	1.73	14.24	30.00	-15.76
			CDD	AVG	52	39	50/58.8 (MCS11)	9.35	9.83	12.60	1.73	14.33	30.00	-15.67
			CDD	AVG	52	40	50/58.8 (MCS11)	9.49	9.88	12.70	1.73	14.43	30.00	-15.57
	6535	117	CDD	AVG	52	37	50/58.8 (MCS11)	9.44	9.49	12.47	-0.88	11.59	30.00	-18.41
			CDD	AVG	52	39	50/58.8 (MCS11)	9.78	9.46	12.64	-0.88	11.76	30.00	-18.24
			CDD	AVG	52	40	50/58.8 (MCS11)	9.76	9.50	12.64	-0.88	11.76	30.00	-18.24
	6695	149	CDD	AVG	52	37	50/58.8 (MCS11)	9.64	9.18	12.43	-0.88	11.55	30.00	-18.45
			CDD	AVG	52	39	50/58.8 (MCS11)	9.53	9.23	12.39	-0.88	11.51	30.00	-18.49
			CDD	AVG	52	40	50/58.8 (MCS11)	9.41	9.26	12.35	-0.88	11.47	30.00	-18.53
	6875	185	CDD	AVG	52	37	50/58.8 (MCS11)	9.80	9.92	12.87	-0.88	11.99	30.00	-18.01
			CDD	AVG	52	39	50/58.8 (MCS11)	9.75	9.74	12.75	-0.88	11.87	30.00	-18.13
			CDD	AVG	52	40	50/58.8 (MCS11)	9.79	9.76	12.78	-0.88	11.90	30.00	-18.10

Table 7-51. CDD 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU52)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 77 of 325

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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5955	1	CDD	AVG	106	53	106.3/125 (MCS11)	10.38	10.85	13.63	2.85	16.48	30.00	-13.52
			CDD	AVG	106	54	106.3/125 (MCS11)	10.43	10.88	13.67	2.85	16.52	30.00	-13.48
	6175	45	CDD	AVG	106	53	106.3/125 (MCS11)	10.58	10.79	13.70	2.85	16.55	30.00	-13.45
			CDD	AVG	106	54	106.3/125 (MCS11)	10.35	10.86	13.62	2.85	16.47	30.00	-13.53
	6415	93	CDD	AVG	106	53	106.3/125 (MCS11)	10.71	10.83	13.78	2.85	16.63	30.00	-13.37
			CDD	AVG	106	54	106.3/125 (MCS11)	10.61	10.77	13.70	2.85	16.55	30.00	-13.45
	6435	97	CDD	AVG	106	53	106.3/125 (MCS11)	10.02	10.51	13.28	1.73	15.01	30.00	-14.99
			CDD	AVG	106	54	106.3/125 (MCS11)	10.55	10.50	13.54	1.73	15.27	30.00	-14.73
	6475	105	CDD	AVG	106	53	106.3/125 (MCS11)	10.93	10.83	13.89	1.73	15.62	30.00	-14.38
			CDD	AVG	106	54	106.3/125 (MCS11)	10.69	10.76	13.73	1.73	15.46	30.00	-14.54
	6515	113	CDD	AVG	106	53	106.3/125 (MCS11)	10.05	10.94	13.53	1.73	15.26	30.00	-14.74
			CDD	AVG	106	54	106.3/125 (MCS11)	10.73	10.82	13.79	1.73	15.52	30.00	-14.48
	6535	117	CDD	AVG	106	53	106.3/125 (MCS11)	10.44	10.48	13.47	-0.88	12.59	30.00	-17.41
			CDD	AVG	106	54	106.3/125 (MCS11)	10.29	10.33	13.32	-0.88	12.44	30.00	-17.56
	6695	149	CDD	AVG	106	53	106.3/125 (MCS11)	10.93	10.19	13.58	-0.88	12.70	30.00	-17.30
			CDD	AVG	106	54	106.3/125 (MCS11)	10.76	10.27	13.53	-0.88	12.65	30.00	-17.35
	6875	185	CDD	AVG	106	53	106.3/125 (MCS11)	10.60	10.70	13.66	-0.88	12.78	30.00	-17.22
			CDD	AVG	106	54	106.3/125 (MCS11)	10.22	10.80	13.53	-0.88	12.65	30.00	-17.35

Table 7-52. CDD 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU106)

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5965	3	CDD	AVG	26	0	25/29.4 (MCS11)	8.41	8.37	11.40	2.85	14.25	30.00	-15.75
			CDD	AVG	26	8	25/29.4 (MCS11)	8.74	8.30	11.53	2.85	14.38	30.00	-15.62
			CDD	AVG	26	17	25/29.4 (MCS11)	8.63	8.59	11.62	2.85	14.47	30.00	-15.53
	6165	43	CDD	AVG	26	0	25/29.4 (MCS11)	8.56	8.38	11.48	2.85	14.33	30.00	-15.67
			CDD	AVG	26	8	25/29.4 (MCS11)	8.69	8.14	11.43	2.85	14.28	30.00	-15.72
			CDD	AVG	26	17	25/29.4 (MCS11)	8.98	8.57	11.79	2.85	14.64	30.00	-15.36
	6405	91	CDD	AVG	26	0	25/29.4 (MCS11)	8.80	8.39	11.61	2.85	14.46	30.00	-15.54
			CDD	AVG	26	8	25/29.4 (MCS11)	8.51	8.20	11.37	2.85	14.22	30.00	-15.78
			CDD	AVG	26	17	25/29.4 (MCS11)	8.86	8.46	11.68	2.85	14.53	30.00	-15.47
	6445	99	CDD	AVG	26	0	25/29.4 (MCS11)	8.72	8.61	11.68	1.73	13.41	30.00	-16.59
			CDD	AVG	26	8	25/29.4 (MCS11)	8.39	8.88	11.66	1.73	13.39	30.00	-16.61
			CDD	AVG	26	17	25/29.4 (MCS11)	8.57	8.66	11.63	1.73	13.36	30.00	-16.64
	6485	107	CDD	AVG	26	0	25/29.4 (MCS11)	8.89	9.00	11.95	1.73	13.68	30.00	-16.32
			CDD	AVG	26	8	25/29.4 (MCS11)	8.48	8.58	11.54	1.73	13.27	30.00	-16.73
			CDD	AVG	26	17	25/29.4 (MCS11)	8.81	8.85	11.84	1.73	13.57	30.00	-16.43
	6525	115	CDD	AVG	26	0	25/29.4 (MCS11)	8.56	8.59	11.58	-0.88	10.70	30.00	-19.30
			CDD	AVG	26	8	25/29.4 (MCS11)	8.56	8.83	11.70	-0.88	10.82	30.00	-19.18
			CDD	AVG	26	17	25/29.4 (MCS11)	8.89	8.53	11.72	-0.88	10.84	30.00	-19.16
	6565	123	CDD	AVG	26	0	25/29.4 (MCS11)	8.82	8.71	11.78	-0.88	10.90	30.00	-19.10
			CDD	AVG	26	8	25/29.4 (MCS11)	8.79	8.44	11.63	-0.88	10.75	30.00	-19.25
			CDD	AVG	26	17	25/29.4 (MCS11)	8.65	8.67	11.67	-0.88	10.79	30.00	-19.21
	6725	155	CDD	AVG	26	0	25/29.4 (MCS11)	8.84	8.79	11.82	-0.88	10.94	30.00	-19.06
			CDD	AVG	26	8	25/29.4 (MCS11)	8.67	8.45	11.57	-0.88	10.69	30.00	-19.31
			CDD	AVG	26	17	25/29.4 (MCS11)	8.95	8.75	11.86	-0.88	10.98	30.00	-19.02
	6845	179	CDD	AVG	26	0	25/29.4 (MCS11)	8.73	8.66	11.71	-0.88	10.83	30.00	-19.17
			CDD	AVG	26	8	25/29.4 (MCS11)	8.80	8.46	11.64	-0.88	10.76	30.00	-19.24
			CDD	AVG	26	17	25/29.4 (MCS11)	8.66	8.69	11.69	-0.88	10.81	30.00	-19.19

Table 7-53. CDD 40MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5985	7	CDD	AVG	26	0	25/29.4 (MCS11)	8.65	8.30	11.49	2.85	14.34	30.00	-15.66
			CDD	AVG	26	18	25/29.4 (MCS11)	8.70	8.15	11.45	2.85	14.30	30.00	-15.70
			CDD	AVG	26	36	25/29.4 (MCS11)	8.89	8.29	11.61	2.85	14.46	30.00	-15.54
	6145	39	CDD	AVG	26	0	25/29.4 (MCS11)	8.87	8.08	11.50	2.85	14.35	30.00	-15.65
			CDD	AVG	26	18	25/29.4 (MCS11)	8.61	8.03	11.34	2.85	14.19	30.00	-15.81
			CDD	AVG	26	36	25/29.4 (MCS11)	8.63	8.18	11.42	2.85	14.27	30.00	-15.73
	6385	87	CDD	AVG	26	0	25/29.4 (MCS11)	8.80	8.90	11.86	2.85	14.71	30.00	-15.29
			CDD	AVG	26	18	25/29.4 (MCS11)	8.68	8.83	11.77	2.85	14.62	30.00	-15.38
			CDD	AVG	26	36	25/29.4 (MCS11)	8.80	8.90	11.86	2.85	14.71	30.00	-15.29
	6465	103	CDD	AVG	26	0	25/29.4 (MCS11)	8.48	8.88	11.70	1.73	13.43	30.00	-16.57
			CDD	AVG	26	18	25/29.4 (MCS11)	8.29	8.82	11.57	1.73	13.30	30.00	-16.70
			CDD	AVG	26	36	25/29.4 (MCS11)	8.16	8.84	11.52	1.73	13.25	30.00	-16.75
	6545	119	CDD	AVG	26	0	25/29.4 (MCS11)	8.79	8.37	11.59	-0.88	10.71	30.00	-19.29
			CDD	AVG	26	18	25/29.4 (MCS11)	8.62	8.24	11.44	-0.88	10.56	30.00	-19.44
			CDD	AVG	26	36	25/29.4 (MCS11)	8.55	8.32	11.45	-0.88	10.57	30.00	-19.43
	6705	151	CDD	AVG	26	0	25/29.4 (MCS11)	8.43	8.12	11.29	-0.88	10.41	30.00	-19.59
			CDD	AVG	26	18	25/29.4 (MCS11)	8.75	8.02	11.41	-0.88	10.53	30.00	-19.47
			CDD	AVG	26	36	25/29.4 (MCS11)	8.87	8.16	11.54	-0.88	10.66	30.00	-19.34
6865	183	CDD	AVG	26	0	25/29.4 (MCS11)	8.95	8.40	11.69	-0.88	10.81	30.00	-19.19	
		CDD	AVG	26	18	25/29.4 (MCS11)	8.72	8.33	11.54	-0.88	10.66	30.00	-19.34	
		CDD	AVG	26	36	25/29.4 (MCS11)	8.88	8.30	11.61	-0.88	10.73	30.00	-19.27	

Table 7-54. CDD 80MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	6025	15	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	16.65	16.36	19.51	2.85	22.36	30.00	-7.64
	6185	47	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	16.77	16.72	19.75	2.85	22.60	30.00	-7.40
	6345	79	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	16.96	16.88	19.93	2.85	22.78	30.00	-7.22
	6505	111	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	15.87	15.49	18.69	1.73	20.42	30.00	-9.58
	6665	143	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	16.50	16.31	19.42	-0.88	18.54	30.00	-11.46

Table 7-55. CDD 160MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5955	1	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.43	16.78	19.62	2.85	22.47	30.00	-7.53
	6175	45	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.90	16.96	19.94	2.85	22.79	30.00	-7.21
	6415	93	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.51	16.62	19.58	2.85	22.43	30.00	-7.57
	6435	97	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.43	16.86	19.66	1.73	21.39	30.00	-8.61
	6475	105	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.58	16.60	19.60	1.73	21.33	30.00	-8.67
	6515	113	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.34	16.55	19.46	1.73	21.19	30.00	-8.81
	6535	117	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.08	16.17	19.13	-0.88	18.25	30.00	-11.75
	6695	149	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.40	16.07	19.25	-0.88	18.37	30.00	-11.63
6875	185	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.27	16.03	19.16	-0.88	18.28	30.00	-11.72	

Table 7-56. CDD 20MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5965	3	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.47	16.88	19.69	2.85	22.54	30.00	-7.46
	6165	43	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.52	16.80	19.67	2.85	22.52	30.00	-7.48
	6405	91	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.69	16.67	19.69	2.85	22.54	30.00	-7.46
	6445	99	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.61	16.89	19.76	1.73	21.49	30.00	-8.51
	6485	107	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.83	16.65	19.75	1.73	21.48	30.00	-8.52
	6525	115	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.02	16.11	19.08	-0.88	18.20	30.00	-11.80
	6565	123	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.00	15.66	18.84	-0.88	17.96	30.00	-12.04
	6725	155	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.34	15.87	19.12	-0.88	18.24	30.00	-11.76
6845	179	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.08	15.94	19.02	-0.88	18.14	30.00	-11.86	

Table 7-57. CDD 40MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 79 of 325

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5985	7	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.87	16.61	19.75	2.85	22.60	30.00	-7.40
	6145	39	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.83	16.52	19.69	2.85	22.54	30.00	-7.46
	6385	87	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.72	16.35	19.55	2.85	22.40	30.00	-7.60
	6465	103	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.38	16.68	19.54	1.73	21.27	30.00	-8.73
	6545	119	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.03	16.46	19.26	-0.88	18.38	30.00	-11.62
	6705	151	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.38	15.91	19.16	-0.88	18.28	30.00	-11.72
	6865	183	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.44	16.20	19.33	-0.88	18.45	30.00	-11.55

Table 7-58. CDD 80MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	6025	15	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	16.65	16.36	19.51	2.85	22.36	30.00	-7.64
	6185	47	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	16.77	16.72	19.75	2.85	22.60	30.00	-7.40
	6345	79	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	16.96	16.88	19.93	2.85	22.78	30.00	-7.22
	6505	111	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	15.87	15.49	18.69	1.73	20.42	30.00	-9.58
	6665	143	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	16.50	16.31	19.42	-0.88	18.54	30.00	-11.46

Table 7-59. CDD 160MHz BW 802.11ax SP Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 80 of 325

7.3.6 SDM Conducted Output Power Measurements – LPI

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5955	1	SDM	AVG	26	0	25/29.4 (MCS11)	-6.05	-6.56	-3.28	2.51	-0.77	24.00	-24.77
			SDM	AVG	26	4	25/29.4 (MCS11)	-6.05	-6.51	-3.27	2.51	-0.76	24.00	-24.76
			SDM	AVG	26	8	25/29.4 (MCS11)	-6.46	-6.28	-3.36	2.51	-0.85	24.00	-24.85
	6175	45	SDM	AVG	26	0	25/29.4 (MCS11)	-6.83	-6.47	-3.64	2.51	-1.13	24.00	-25.13
			SDM	AVG	26	4	25/29.4 (MCS11)	-6.91	-6.54	-3.71	2.51	-1.20	24.00	-25.20
			SDM	AVG	26	8	25/29.4 (MCS11)	-6.87	-6.41	-3.62	2.51	-1.11	24.00	-25.11
	6415	93	SDM	AVG	26	0	25/29.4 (MCS11)	-5.26	-5.04	-2.14	2.51	0.37	24.00	-23.63
			SDM	AVG	26	4	25/29.4 (MCS11)	-5.37	-5.10	-2.22	2.51	0.29	24.00	-23.71
			SDM	AVG	26	8	25/29.4 (MCS11)	-5.21	-5.11	-2.15	2.51	0.36	24.00	-23.64
	6435	97	SDM	AVG	26	0	25/29.4 (MCS11)	-5.29	-5.44	-2.35	1.26	-1.09	24.00	-25.09
			SDM	AVG	26	4	25/29.4 (MCS11)	-5.59	-5.44	-2.50	1.26	-1.24	24.00	-25.24
			SDM	AVG	26	8	25/29.4 (MCS11)	-5.55	-5.38	-2.45	1.26	-1.19	24.00	-25.19
	6475	105	SDM	AVG	26	0	25/29.4 (MCS11)	-5.26	-5.15	-2.19	1.26	-0.93	24.00	-24.93
			SDM	AVG	26	4	25/29.4 (MCS11)	-5.42	-5.24	-2.32	1.26	-1.06	24.00	-25.06
			SDM	AVG	26	8	25/29.4 (MCS11)	-5.35	-5.15	-2.23	1.26	-0.97	24.00	-24.97
	6515	113	SDM	AVG	26	0	25/29.4 (MCS11)	-5.37	-5.52	-2.43	1.26	-1.17	24.00	-25.17
			SDM	AVG	26	4	25/29.4 (MCS11)	-5.55	-5.67	-2.60	1.26	-1.34	24.00	-25.34
			SDM	AVG	26	8	25/29.4 (MCS11)	-5.52	-5.62	-2.56	1.26	-1.30	24.00	-25.30
	6535	117	SDM	AVG	26	0	25/29.4 (MCS11)	-3.51	-3.20	-0.34	-0.95	-1.29	24.00	-25.29
			SDM	AVG	26	4	25/29.4 (MCS11)	-3.69	-3.34	-0.50	-0.95	-1.45	24.00	-25.45
			SDM	AVG	26	8	25/29.4 (MCS11)	-3.69	-3.31	-0.49	-0.95	-1.44	24.00	-25.44
	6695	149	SDM	AVG	26	0	25/29.4 (MCS11)	-3.99	-3.05	-0.48	-0.95	-1.43	24.00	-25.43
			SDM	AVG	26	4	25/29.4 (MCS11)	-3.42	-3.21	-0.30	-0.95	-1.25	24.00	-25.25
			SDM	AVG	26	8	25/29.4 (MCS11)	-3.44	-3.06	-0.23	-0.95	-1.18	24.00	-25.18
	6875	185	SDM	AVG	26	0	25/29.4 (MCS11)	-4.46	-4.06	-1.24	-0.95	-2.19	24.00	-26.19
			SDM	AVG	26	4	25/29.4 (MCS11)	-3.50	-4.11	-0.79	-0.95	-1.74	24.00	-25.74
			SDM	AVG	26	8	25/29.4 (MCS11)	-3.95	-4.02	-0.97	-0.95	-1.92	24.00	-25.92
	6895	189	SDM	AVG	26	0	25/29.4 (MCS11)	-3.96	-3.55	-0.74	-0.03	-0.77	24.00	-24.77
			SDM	AVG	26	4	25/29.4 (MCS11)	-4.05	-3.73	-0.87	-0.03	-0.90	24.00	-24.90
			SDM	AVG	26	8	25/29.4 (MCS11)	-3.90	-3.56	-0.71	-0.03	-0.74	24.00	-24.74
	6995	209	SDM	AVG	26	0	25/29.4 (MCS11)	-4.16	-4.08	-1.11	-0.03	-1.14	24.00	-25.14
			SDM	AVG	26	4	25/29.4 (MCS11)	-4.24	-4.14	-1.18	-0.03	-1.21	24.00	-25.21
			SDM	AVG	26	8	25/29.4 (MCS11)	-4.22	-4.02	-1.11	-0.03	-1.14	24.00	-25.14
	7095	229	SDM	AVG	26	0	25/29.4 (MCS11)	-3.64	-3.60	-0.61	-0.03	-0.64	24.00	-24.64
			SDM	AVG	26	4	25/29.4 (MCS11)	-3.51	-3.66	-0.57	-0.03	-0.60	24.00	-24.60
			SDM	AVG	26	8	25/29.4 (MCS11)	-3.65	-3.68	-0.66	-0.03	-0.69	24.00	-24.69

Table 7-60. SDM 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 81 of 325

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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5955	1	SDM	AVG	52	37	50/58.8 (MCS11)	-3.49	-3.15	-0.30	2.51	2.21	24.00	-21.79
			SDM	AVG	52	39	50/58.8 (MCS11)	-3.47	-3.01	-0.22	2.51	2.29	24.00	-21.71
			SDM	AVG	52	40	50/58.8 (MCS11)	-3.42	-3.77	-0.58	2.51	1.93	24.00	-22.07
	6175	45	SDM	AVG	52	37	50/58.8 (MCS11)	-3.75	-3.88	-0.80	2.51	1.71	24.00	-22.29
			SDM	AVG	52	39	50/58.8 (MCS11)	-3.80	-3.94	-0.86	2.51	1.65	24.00	-22.35
			SDM	AVG	52	40	50/58.8 (MCS11)	-3.82	-3.87	-0.83	2.51	1.68	24.00	-22.32
	6415	93	SDM	AVG	52	37	50/58.8 (MCS11)	-2.35	-2.16	0.75	2.51	3.26	24.00	-20.74
			SDM	AVG	52	39	50/58.8 (MCS11)	-2.39	-2.24	0.69	2.51	3.20	24.00	-20.80
			SDM	AVG	52	40	50/58.8 (MCS11)	-2.39	-2.20	0.72	2.51	3.23	24.00	-20.77
	6435	97	SDM	AVG	52	37	50/58.8 (MCS11)	-2.59	-2.72	0.36	1.26	1.62	24.00	-22.38
			SDM	AVG	52	39	50/58.8 (MCS11)	-2.66	-2.79	0.29	1.26	1.55	24.00	-22.45
			SDM	AVG	52	40	50/58.8 (MCS11)	-2.70	-2.70	0.31	1.26	1.57	24.00	-22.43
	6475	105	SDM	AVG	52	37	50/58.8 (MCS11)	-2.14	-2.19	0.85	1.26	2.11	24.00	-21.89
			SDM	AVG	52	39	50/58.8 (MCS11)	-2.15	-2.33	0.77	1.26	2.03	24.00	-21.97
			SDM	AVG	52	40	50/58.8 (MCS11)	-2.25	-2.24	0.77	1.26	2.03	24.00	-21.97
	6515	113	SDM	AVG	52	37	50/58.8 (MCS11)	-2.34	-2.70	0.50	1.26	1.76	24.00	-22.24
			SDM	AVG	52	39	50/58.8 (MCS11)	-2.45	-2.84	0.37	1.26	1.63	24.00	-22.37
			SDM	AVG	52	40	50/58.8 (MCS11)	-2.46	-2.79	0.39	1.26	1.65	24.00	-22.35
	6535	117	SDM	AVG	52	37	50/58.8 (MCS11)	-0.39	-0.29	2.67	-0.95	1.72	24.00	-22.28
			SDM	AVG	52	39	50/58.8 (MCS11)	-0.53	-0.44	2.53	-0.95	1.58	24.00	-22.42
			SDM	AVG	52	40	50/58.8 (MCS11)	-0.53	-0.40	2.55	-0.95	1.60	24.00	-22.40
	6695	149	SDM	AVG	52	37	50/58.8 (MCS11)	-0.26	-0.30	2.73	-0.95	1.78	24.00	-22.22
			SDM	AVG	52	39	50/58.8 (MCS11)	-0.42	-0.21	2.70	-0.95	1.75	24.00	-22.25
			SDM	AVG	52	40	50/58.8 (MCS11)	-0.48	-0.14	2.70	-0.95	1.75	24.00	-22.25
	6875	185	SDM	AVG	52	37	50/58.8 (MCS11)	-1.40	-1.34	1.64	-0.95	0.69	24.00	-23.31
			SDM	AVG	52	39	50/58.8 (MCS11)	-1.39	-1.37	1.63	-0.95	0.68	24.00	-23.32
			SDM	AVG	52	40	50/58.8 (MCS11)	-1.35	-1.27	1.70	-0.95	0.75	24.00	-23.25
	6895	189	SDM	AVG	52	37	50/58.8 (MCS11)	-0.52	-0.72	2.39	-0.03	2.36	24.00	-21.64
			SDM	AVG	52	39	50/58.8 (MCS11)	-0.52	-0.58	2.46	-0.03	2.43	24.00	-21.57
			SDM	AVG	52	40	50/58.8 (MCS11)	-0.58	-0.64	2.40	-0.03	2.37	24.00	-21.63
	6995	209	SDM	AVG	52	37	50/58.8 (MCS11)	-0.63	-0.67	2.36	-0.03	2.33	24.00	-21.67
			SDM	AVG	52	39	50/58.8 (MCS11)	-0.75	-0.70	2.28	-0.03	2.25	24.00	-21.75
			SDM	AVG	52	40	50/58.8 (MCS11)	-0.73	-0.66	2.32	-0.03	2.29	24.00	-21.71
	7095	229	SDM	AVG	52	37	50/58.8 (MCS11)	-0.95	-0.53	2.28	-0.03	2.25	24.00	-21.75
			SDM	AVG	52	39	50/58.8 (MCS11)	-0.66	-0.64	2.36	-0.03	2.33	24.00	-21.67
			SDM	AVG	52	40	50/58.8 (MCS11)	-0.52	-0.56	2.47	-0.03	2.44	24.00	-21.56

Table 7-61. SDM 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU52)

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5955	1	SDM	AVG	106	53	106.3/125 (MCS11)	-0.09	-0.04	2.95	2.51	5.46	24.00	-18.54
			SDM	AVG	106	54	106.3/125 (MCS11)	-0.53	-0.40	2.55	2.51	5.06	24.00	-18.94
	6175	45	SDM	AVG	106	53	106.3/125 (MCS11)	-0.66	-0.12	2.63	2.51	5.14	24.00	-18.86
			SDM	AVG	106	54	106.3/125 (MCS11)	-0.68	-0.08	2.64	2.51	5.15	24.00	-18.85
	6415	93	SDM	AVG	106	53	106.3/125 (MCS11)	0.61	0.81	3.72	2.51	6.23	24.00	-17.77
			SDM	AVG	106	54	106.3/125 (MCS11)	0.63	0.74	3.69	2.51	6.20	24.00	-17.80
	6435	97	SDM	AVG	106	53	106.3/125 (MCS11)	0.41	0.23	3.33	1.26	4.59	24.00	-19.41
			SDM	AVG	106	54	106.3/125 (MCS11)	0.35	0.25	3.31	1.26	4.57	24.00	-19.43
	6475	105	SDM	AVG	106	53	106.3/125 (MCS11)	0.87	0.87	3.88	1.26	5.14	24.00	-18.86
			SDM	AVG	106	54	106.3/125 (MCS11)	0.83	0.71	3.78	1.26	5.04	24.00	-18.96
	6515	113	SDM	AVG	106	53	106.3/125 (MCS11)	0.55	0.18	3.38	1.26	4.64	24.00	-19.36
			SDM	AVG	106	54	106.3/125 (MCS11)	0.41	0.08	3.26	1.26	4.52	24.00	-19.48
	6535	117	SDM	AVG	106	53	106.3/125 (MCS11)	2.79	2.84	5.82	-0.95	4.87	24.00	-19.13
			SDM	AVG	106	54	106.3/125 (MCS11)	2.69	2.76	5.74	-0.95	4.79	24.00	-19.21
	6695	149	SDM	AVG	106	53	106.3/125 (MCS11)	2.81	2.91	5.87	-0.95	4.92	24.00	-19.08
			SDM	AVG	106	54	106.3/125 (MCS11)	2.67	2.83	5.76	-0.95	4.81	24.00	-19.19
	6875	185	SDM	AVG	106	53	106.3/125 (MCS11)	2.25	2.15	5.21	-0.95	4.26	24.00	-19.74
			SDM	AVG	106	54	106.3/125 (MCS11)	2.26	2.22	5.25	-0.95	4.30	24.00	-19.70
	6895	189	SDM	AVG	106	53	106.3/125 (MCS11)	2.37	2.15	5.27	-0.03	5.24	24.00	-18.76
			SDM	AVG	106	54	106.3/125 (MCS11)	2.23	2.16	5.21	-0.03	5.18	24.00	-18.82
	6995	209	SDM	AVG	106	53	106.3/125 (MCS11)	2.18	2.49	5.35	-0.03	5.32	24.00	-18.68
			SDM	AVG	106	54	106.3/125 (MCS11)	2.06	2.44	5.26	-0.03	5.23	24.00	-18.77
	7095	229	SDM	AVG	106	53	106.3/125 (MCS11)	2.10	2.30	5.21	-0.03	5.18	24.00	-18.82
			SDM	AVG	106	54	106.3/125 (MCS11)	2.12	2.14	5.14	-0.03	5.11	24.00	-18.89

Table 7-62. SDM 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU106)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 82 of 325

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5965	3	SDM	AVG	26	0	25/29.4 (MCS11)	-6.30	-6.51	-3.39	2.51	-0.88	24.00	-24.88
			SDM	AVG	26	8	25/29.4 (MCS11)	-6.67	-6.52	-3.58	2.51	-1.07	24.00	-25.07
			SDM	AVG	26	17	25/29.4 (MCS11)	-6.20	-6.28	-3.23	2.51	-0.72	24.00	-24.72
	6165	43	SDM	AVG	26	0	25/29.4 (MCS11)	-6.73	-6.41	-3.56	2.51	-1.05	24.00	-25.05
			SDM	AVG	26	8	25/29.4 (MCS11)	-6.97	-6.71	-3.83	2.51	-1.32	24.00	-25.32
			SDM	AVG	26	17	25/29.4 (MCS11)	-6.75	-6.28	-3.50	2.51	-0.99	24.00	-24.99
	6405	91	SDM	AVG	26	0	25/29.4 (MCS11)	-5.06	-5.03	-2.04	2.51	0.47	24.00	-23.53
			SDM	AVG	26	8	25/29.4 (MCS11)	-5.49	-5.21	-2.34	2.51	0.17	24.00	-23.83
			SDM	AVG	26	17	25/29.4 (MCS11)	-5.08	-5.03	-2.04	2.51	0.47	24.00	-23.53
	6445	99	SDM	AVG	26	0	25/29.4 (MCS11)	-5.51	-5.87	-2.68	1.26	-1.42	24.00	-25.42
			SDM	AVG	26	8	25/29.4 (MCS11)	-5.72	-5.10	-2.39	1.26	-1.13	24.00	-25.13
			SDM	AVG	26	17	25/29.4 (MCS11)	-5.48	-5.32	-2.39	1.26	-1.13	24.00	-25.13
	6485	107	SDM	AVG	26	0	25/29.4 (MCS11)	-5.30	-5.05	-2.16	1.26	-0.90	24.00	-24.90
			SDM	AVG	26	8	25/29.4 (MCS11)	-5.57	-5.44	-2.49	1.26	-1.23	24.00	-25.23
			SDM	AVG	26	17	25/29.4 (MCS11)	-5.30	-5.66	-2.46	1.26	-1.20	24.00	-25.20
	6525	115	SDM	AVG	26	0	25/29.4 (MCS11)	-5.29	-5.52	-2.40	-0.95	-3.35	24.00	-27.35
			SDM	AVG	26	8	25/29.4 (MCS11)	-5.72	-5.75	-2.73	-0.95	-3.68	24.00	-27.68
			SDM	AVG	26	17	25/29.4 (MCS11)	-5.44	-5.51	-2.46	-0.95	-3.41	24.00	-27.41
	6565	123	SDM	AVG	26	0	25/29.4 (MCS11)	-3.43	-3.29	-0.35	-0.95	-1.30	24.00	-25.30
			SDM	AVG	26	8	25/29.4 (MCS11)	-3.92	-3.37	-0.63	-0.95	-1.58	24.00	-25.58
			SDM	AVG	26	17	25/29.4 (MCS11)	-3.51	-3.21	-0.35	-0.95	-1.30	24.00	-25.30
	6725	155	SDM	AVG	26	0	25/29.4 (MCS11)	-3.95	-3.18	-0.54	-0.95	-1.49	24.00	-25.49
			SDM	AVG	26	8	25/29.4 (MCS11)	-3.28	-3.20	-0.23	-0.95	-1.18	24.00	-25.18
			SDM	AVG	26	17	25/29.4 (MCS11)	-3.38	-3.42	-0.39	-0.95	-1.34	24.00	-25.34
	6845	179	SDM	AVG	26	0	25/29.4 (MCS11)	-3.63	-3.45	-0.53	-0.95	-1.48	24.00	-25.48
			SDM	AVG	26	8	25/29.4 (MCS11)	-3.92	-3.60	-0.75	-0.95	-1.70	24.00	-25.70
			SDM	AVG	26	17	25/29.4 (MCS11)	-3.59	-3.39	-0.48	-0.95	-1.43	24.00	-25.43
	6885	187	SDM	AVG	26	0	25/29.4 (MCS11)	-3.72	-3.99	-0.84	-0.03	-0.87	24.00	-24.87
			SDM	AVG	26	8	25/29.4 (MCS11)	-4.05	-4.17	-1.10	-0.03	-1.13	24.00	-25.13
			SDM	AVG	26	17	25/29.4 (MCS11)	-3.77	-3.91	-0.83	-0.03	-0.86	24.00	-24.86
	7005	211	SDM	AVG	26	0	25/29.4 (MCS11)	-3.99	-3.51	-0.73	-0.03	-0.76	24.00	-24.76
			SDM	AVG	26	8	25/29.4 (MCS11)	-4.38	-3.78	-1.06	-0.03	-1.09	24.00	-25.09
			SDM	AVG	26	17	25/29.4 (MCS11)	-4.06	-3.52	-0.77	-0.03	-0.80	24.00	-24.80
	7085	227	SDM	AVG	26	0	25/29.4 (MCS11)	-3.70	-3.51	-0.59	-0.03	-0.62	24.00	-24.62
			SDM	AVG	26	8	25/29.4 (MCS11)	-4.06	-3.86	-0.95	-0.03	-0.98	24.00	-24.98
			SDM	AVG	26	17	25/29.4 (MCS11)	-3.83	-3.58	-0.69	-0.03	-0.72	24.00	-24.72

Table 7-63. SDM 40MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5985	7	SDM	AVG	26	0	25/29.4 (MCS11)	-6.62	-6.75	-3.67	2.51	-1.16	24.00	-25.16
			SDM	AVG	26	18	25/29.4 (MCS11)	-6.75	-6.61	-3.67	2.51	-1.16	24.00	-25.16
			SDM	AVG	26	36	25/29.4 (MCS11)	-6.56	-6.55	-3.55	2.51	-1.04	24.00	-25.04
	6145	39	SDM	AVG	26	0	25/29.4 (MCS11)	-6.99	-6.50	-3.73	2.51	-1.22	24.00	-25.22
			SDM	AVG	26	18	25/29.4 (MCS11)	-6.18	-6.48	-3.32	2.51	-0.81	24.00	-24.81
			SDM	AVG	26	36	25/29.4 (MCS11)	-6.01	-6.39	-3.18	2.51	-0.67	24.00	-24.67
	6385	87	SDM	AVG	26	0	25/29.4 (MCS11)	-5.67	-5.29	-2.46	2.51	0.05	24.00	-23.95
			SDM	AVG	26	18	25/29.4 (MCS11)	-5.68	-5.62	-2.64	2.51	-0.13	24.00	-24.13
			SDM	AVG	26	36	25/29.4 (MCS11)	-5.69	-5.57	-2.62	2.51	-0.11	24.00	-24.11
	6465	103	SDM	AVG	26	0	25/29.4 (MCS11)	-5.76	-5.07	-2.39	1.26	-1.13	24.00	-25.13
			SDM	AVG	26	18	25/29.4 (MCS11)	-5.86	-5.18	-2.50	1.26	-1.24	24.00	-25.24
			SDM	AVG	26	36	25/29.4 (MCS11)	-5.86	-5.16	-2.49	1.26	-1.23	24.00	-25.23
	6545	119	SDM	AVG	26	0	25/29.4 (MCS11)	-5.67	-5.92	-2.78	-0.95	-3.73	24.00	-27.73
			SDM	AVG	26	18	25/29.4 (MCS11)	-5.77	-5.10	-2.41	-0.95	-3.36	24.00	-27.36
			SDM	AVG	26	36	25/29.4 (MCS11)	-5.73	-5.03	-2.35	-0.95	-3.30	24.00	-27.30
	6705	151	SDM	AVG	26	0	25/29.4 (MCS11)	-3.61	-3.98	-0.78	-0.95	-1.73	24.00	-25.73
			SDM	AVG	26	18	25/29.4 (MCS11)	-3.69	-3.23	-0.44	-0.95	-1.39	24.00	-25.39
			SDM	AVG	26	36	25/29.4 (MCS11)	-3.74	-3.02	-0.35	-0.95	-1.30	24.00	-25.30
	6865	183	SDM	AVG	26	0	25/29.4 (MCS11)	-4.43	-3.68	-1.03	-0.95	-1.98	24.00	-25.98
			SDM	AVG	26	18	25/29.4 (MCS11)	-4.42	-3.81	-1.09	-0.95	-2.04	24.00	-26.04
			SDM	AVG	26	36	25/29.4 (MCS11)	-4.38	-3.77	-1.05	-0.95	-2.00	24.00	-26.00
	6945	199	SDM	AVG	26	0	25/29.4 (MCS11)	-4.47	-4.33	-1.39	-0.03	-1.42	24.00	-25.42
			SDM	AVG	26	18	25/29.4 (MCS11)	-3.65	-4.45	-1.02	-0.03	-1.05	24.00	-25.05
			SDM	AVG	26	36	25/29.4 (MCS11)	-3.58	-3.96	-0.76	-0.03	-0.79	24.00	-24.79
	7025	215	SDM	AVG	26	0	25/29.4 (MCS11)	-3.85	-3.78	-0.81	-0.03	-0.84	24.00	-24.84
			SDM	AVG	26	18	25/29.4 (MCS11)	-4.05	-3.92	-0.97	-0.03	-1.00	24.00	-25.00
			SDM	AVG	26	36	25/29.4 (MCS11)	-3.99	-3.87	-0.91	-0.03	-0.94	24.00	-24.94

Table 7-64. SDM 80MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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.		

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
6025	15 (L)	SDM	AVG	26	0	25/29.4 (MCS11)	-6.07	-6.35	-3.19	2.51	-0.68	24.00	-24.68	
		SDM	AVG	26	36	25/29.4 (MCS11)	-6.48	-6.10	-3.28	2.51	-0.77	24.00	-24.77	
	15 (U)	SDM	AVG	26	36	25/29.4 (MCS11)	-6.41	-6.01	-3.20	2.51	-0.69	24.00	-24.69	
		SDM	AVG	26	0	25/29.4 (MCS11)	-6.61	-6.15	-3.36	2.51	-0.85	24.00	-24.85	
6185	47 (L)	SDM	AVG	26	36	25/29.4 (MCS11)	-6.63	-6.50	-3.56	2.51	-1.05	24.00	-25.05	
		SDM	AVG	26	36	25/29.4 (MCS11)	-6.59	-6.20	-3.38	2.51	-0.87	24.00	-24.87	
	47 (U)	SDM	AVG	26	36	25/29.4 (MCS11)	-5.19	-5.34	-2.25	2.51	0.26	24.00	-23.74	
		SDM	AVG	26	0	25/29.4 (MCS11)	-5.38	-5.08	-2.22	2.51	0.29	24.00	-23.71	
6345	79 (L)	SDM	AVG	26	36	25/29.4 (MCS11)	-5.36	-5.45	-2.39	2.51	0.12	24.00	-23.88	
		SDM	AVG	26	36	25/29.4 (MCS11)	-5.69	-5.02	-2.33	1.26	-1.07	24.00	-25.07	
	79 (U)	SDM	AVG	26	36	25/29.4 (MCS11)	-5.80	-5.52	-2.65	1.26	-1.39	24.00	-25.39	
		SDM	AVG	26	36	25/29.4 (MCS11)	-5.79	-5.50	-2.63	1.26	-1.37	24.00	-25.37	
6505	111 (L)	SDM	AVG	26	0	25/29.4 (MCS11)	-3.94	-3.16	-0.52	-0.95	-1.47	24.00	-25.47	
		SDM	AVG	26	36	25/29.4 (MCS11)	-3.96	-3.43	-0.68	-0.95	-1.63	24.00	-25.63	
	111 (U)	SDM	AVG	26	36	25/29.4 (MCS11)	-3.08	-3.48	-0.26	-0.95	-1.21	24.00	-25.21	
		SDM	AVG	26	0	25/29.4 (MCS11)	-3.67	-3.82	-0.73	-0.95	-1.68	24.00	-25.68	
6665	143 (L)	SDM	AVG	26	36	25/29.4 (MCS11)	-3.56	-3.81	-0.67	-0.95	-1.62	24.00	-25.62	
		SDM	AVG	26	36	25/29.4 (MCS11)	-3.59	-3.77	-0.67	-0.95	-1.62	24.00	-25.62	
	143 (U)	SDM	AVG	26	0	25/29.4 (MCS11)	-4.08	-3.96	-1.01	-0.03	-1.04	24.00	-25.04	
		SDM	AVG	26	36	25/29.4 (MCS11)	-4.25	-3.94	-1.08	-0.03	-1.11	24.00	-25.11	
6825	175 (L)	SDM	AVG	26	36	25/29.4 (MCS11)	-4.24	-3.94	-1.08	-0.03	-1.11	24.00	-25.11	
		SDM	AVG	26	36	25/29.4 (MCS11)	-4.24	-3.94	-1.08	-0.03	-1.11	24.00	-25.11	
	175 (U)	SDM	AVG	26	36	25/29.4 (MCS11)	-4.24	-3.94	-1.08	-0.03	-1.11	24.00	-25.11	
		SDM	AVG	26	36	25/29.4 (MCS11)	-4.24	-3.94	-1.08	-0.03	-1.11	24.00	-25.11	
6985	207 (L)	SDM	AVG	26	0	25/29.4 (MCS11)	-4.08	-3.96	-1.01	-0.03	-1.04	24.00	-25.04	
		SDM	AVG	26	36	25/29.4 (MCS11)	-4.25	-3.94	-1.08	-0.03	-1.11	24.00	-25.11	
	207 (U)	SDM	AVG	26	36	25/29.4 (MCS11)	-4.24	-3.94	-1.08	-0.03	-1.11	24.00	-25.11	
		SDM	AVG	26	36	25/29.4 (MCS11)	-4.24	-3.94	-1.08	-0.03	-1.11	24.00	-25.11	

Table 7-65. SDM 160MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (RU26)

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5955	1	SDM	AVG	242	61	243.8/286.8 (MCS11)	2.79	2.18	5.51	2.51	8.02	24.00	-15.98
	6175	45	SDM	AVG	242	61	243.8/286.8 (MCS11)	2.63	2.76	5.71	2.51	8.22	24.00	-15.78
	6415	93	SDM	AVG	242	61	243.8/286.8 (MCS11)	3.61	3.75	6.69	2.51	9.20	24.00	-14.80
	6435	97	SDM	AVG	242	61	243.8/286.8 (MCS11)	3.88	3.61	6.75	1.26	8.01	24.00	-15.99
	6475	105	SDM	AVG	242	61	243.8/286.8 (MCS11)	3.81	3.63	6.73	1.26	7.99	24.00	-16.01
	6515	113	SDM	AVG	242	61	243.8/286.8 (MCS11)	3.66	3.66	6.67	1.26	7.93	24.00	-16.07
	6535	117	SDM	AVG	242	61	243.8/286.8 (MCS11)	5.57	5.72	8.66	-0.95	7.71	24.00	-16.29
	6695	149	SDM	AVG	242	61	243.8/286.8 (MCS11)	5.53	5.62	8.59	-0.95	7.64	24.00	-16.36
6875	185	SDM	AVG	242	61	243.8/286.8 (MCS11)	5.13	5.09	8.12	-0.95	7.17	24.00	-16.83	
6895	189	SDM	AVG	242	61	243.8/286.8 (MCS11)	5.05	5.00	8.04	-0.03	8.01	24.00	-15.99	
6995	209	SDM	AVG	242	61	243.8/286.8 (MCS11)	5.44	5.27	8.36	-0.03	8.33	24.00	-15.67	
7095	229	SDM	AVG	242	61	243.8/286.8 (MCS11)	5.49	5.22	8.37	-0.03	8.34	24.00	-15.66	

Table 7-66. SDM 20MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5965	3	SDM	AVG	484	65	487.5/573.5 (MCS11)	5.32	4.54	7.96	2.51	10.47	24.00	-13.53
	6165	43	SDM	AVG	484	65	487.5/573.5 (MCS11)	5.17	5.29	8.24	2.51	10.75	24.00	-13.25
	6405	91	SDM	AVG	484	65	487.5/573.5 (MCS11)	6.09	6.19	9.15	2.51	11.66	24.00	-12.34
	6445	99	SDM	AVG	484	65	487.5/573.5 (MCS11)	6.31	6.49	9.41	1.26	10.67	24.00	-13.33
	6485	107	SDM	AVG	484	65	487.5/573.5 (MCS11)	6.27	6.13	9.21	1.26	10.47	24.00	-13.53
	6525	115	SDM	AVG	484	65	487.5/573.5 (MCS11)	6.46	6.44	9.46	-0.95	8.51	24.00	-15.49
	6565	123	SDM	AVG	484	65	487.5/573.5 (MCS11)	8.13	8.37	11.26	-0.95	10.31	24.00	-13.69
	6725	155	SDM	AVG	484	65	487.5/573.5 (MCS11)	8.17	8.16	11.17	-0.95	10.22	24.00	-13.78
6845	179	SDM	AVG	484	65	487.5/573.5 (MCS11)	8.39	8.46	11.43	-0.95	10.48	24.00	-13.52	
6885	187	SDM	AVG	484	65	487.5/573.5 (MCS11)	7.72	7.69	10.72	-0.03	10.69	24.00	-13.31	
7005	211	SDM	AVG	484	65	487.5/573.5 (MCS11)	7.91	7.98	10.95	-0.03	10.92	24.00	-13.08	
7085	227	SDM	AVG	484	65	487.5/573.5 (MCS11)	7.89	7.75	10.83	-0.03	10.80	24.00	-13.20	

Table 7-67. SDM 40MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	5985	7	SDM	AVG	996	67	1020.8/1201 (MCS11)	8.32	7.58	10.98	2.51	13.49	24.00	-10.51
	6145	39	SDM	AVG	996	67	1020.8/1201 (MCS11)	8.15	8.09	11.13	2.51	13.64	24.00	-10.36
	6385	87	SDM	AVG	996	67	1020.8/1201 (MCS11)	9.26	9.29	12.29	2.51	14.80	24.00	-9.20
	6465	103	SDM	AVG	996	67	1020.8/1201 (MCS11)	9.42	9.34	12.39	1.26	13.65	24.00	-10.35
	6545	119	SDM	AVG	996	67	1020.8/1201 (MCS11)	9.20	9.35	12.29	-0.95	11.34	24.00	-12.66
	6705	151	SDM	AVG	996	67	1020.8/1201 (MCS11)	11.12	11.37	14.26	-0.95	13.31	24.00	-10.69
	6865	183	SDM	AVG	996	67	1020.8/1201 (MCS11)	10.58	10.21	13.40	-0.95	12.45	24.00	-11.55
	6945	199	SDM	AVG	996	67	1020.8/1201 (MCS11)	10.31	10.56	13.45	-0.03	13.42	24.00	-10.58
7025	215	SDM	AVG	996	67	1020.8/1201 (MCS11)	10.74	10.62	13.69	-0.03	13.66	24.00	-10.34	

Table 7-68. SDM 80MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 84 of 325

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 0	Antenna 1	Summed				
	6025	15	SDM	AVG	996x2	68	2041.6/2402 (MCS11)	10.71	10.04	13.39	2.51	15.90	24.00	-8.10
	6185	47	SDM	AVG	996x2	68	2041.6/2402 (MCS11)	10.43	10.62	13.54	2.51	16.05	24.00	-7.95
	6345	79	SDM	AVG	996x2	68	2041.6/2402 (MCS11)	11.74	11.64	14.70	2.51	17.21	24.00	-6.79
	6505	111	SDM	AVG	996x2	68	2041.6/2402 (MCS11)	11.59	11.64	14.62	1.26	15.88	24.00	-8.12
	6665	143	SDM	AVG	996x2	68	2041.6/2402 (MCS11)	13.69	13.72	16.71	-0.95	15.76	24.00	-8.24
	6825	175	SDM	AVG	996x2	68	2041.6/2402 (MCS11)	13.16	13.26	16.22	-0.95	15.27	24.00	-8.73
	6985	207	SDM	AVG	996x2	68	2041.6/2402 (MCS11)	13.07	13.27	16.18	-0.03	16.15	24.00	-7.85

Table 7-69. SDM 160MHz BW 802.11ax LPI Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Note:

Per ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 and KDB 662911 v02r01 Section E)1), the conducted powers at Antenna 0 and Antenna 1 were first measured separately during MIMO transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 Subclause 14.6.3, the correlated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = G_{ANT} + \text{Array Gain dBi}$$

Per ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 Subclause 14.6.3, the uncorrelated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log [(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}] \text{ dBi}$$

Sample MIMO Calculation:

At 5955MHz in 802.11ax RU (20MHz BW) mode, the average conducted output power was measured to be -6.05 dBm for Antenna 0 and -6.56 dBm for Antenna 1.

$$\text{Antenna 0} + \text{Antenna 1} = \text{MIMO}$$

$$(-6.05\text{dBm} + -6.56 \text{ dBm}) = (0.248 \text{ mW} + 0.221 \text{ mW}) = 0.469 \text{ mW} = -3.28 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5955MHz in 802.11ax RU (20MHz BW) mode, the average MIMO conducted power was calculated to be -3.29 dBm with directional gain of 2.33 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$-3.28 \text{ dBm} + 2.33 \text{ dBi} = -0.95 \text{ dBm}$$

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 86 of 325

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7.4 Maximum Power Spectral Density

Test Overview and Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Method SA-1, as defined in ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 and KDB 789033 D02 v02r01, was used to measure the power spectral density.

In the 5.925 – 7.125GHz band, the maximum permissible power spectral density must not exceed -1dBm e.i.r.p. in any 1-megahertz band for Low Power Indoor operating modes.

In the 5.925 – 6.875GHz bands, the maximum permissible power spectral density must not exceed 17dBm e.i.r.p. in any 1-megahertz band for Standard Power operating modes.

Test Procedure Used

ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 – Section 12.4.2.2

KDB 789033 D02 v02r01 – Section F

ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 – Section 14.5.2.2 Measure-and-Sum Technique

KDB 662911 v02r01 – Section E)2) Measure-and-Sum Technique

Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Set span to encompass the entire 99% OBW of the signal
3. RBW = 1MHz
4. VBW = 3MHz
5. Number of sweep points $\geq 2 \times (\text{span}/\text{RBW})$
6. Sweep time = auto
7. Detector = power averaging (RMS)
8. Trigger was set to free run for all modes
9. Trace was averaged over 100 sweeps
10. The peak search function of the spectrum analyzer was used to find the peak of the spectrum.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-3. Test Instrument & Measurement Setup

Test Notes

1. All RU's were investigated and only worst case partially loaded and fully loaded RU's were reported.
2. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel PSD plots have been reported.
3. The duty cycle correction factor (DCCF) has been applied as an amplitude offset in the spectrum analyzer to ensure the required correction is accurately reflected in the measured Power Spectral Density (PSD). The offset value is indicated on each PSD plot.

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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7.4.1 Antenna 0 Power Spectral Density Measurements – SP

	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 Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.79	2.85	9.64	17	-7.36
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.80	2.85	8.65	17	-8.35
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.97	2.85	9.82	17	-7.18
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.17	1.87	8.04	17	-8.96
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.15	1.87	7.02	17	-9.98
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.76	1.87	8.63	17	-8.37
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.47	1.45	7.92	17	-9.08
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.44	1.45	6.89	17	-10.11
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.73	1.45	8.18	17	-8.82
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.17	2.85	9.02	17	-7.98
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.16	2.85	9.01	17	-8.00
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.26	2.85	9.11	17	-7.89
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.25	1.87	8.12	17	-8.88
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.42	1.87	8.29	17	-8.71
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.36	1.87	8.23	17	-8.77
	6405	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.47	1.45	7.92	17	-9.08
	6405	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.29	1.45	7.74	17	-9.26
	6405	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.78	1.45	8.23	17	-8.77
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.51	2.85	9.36	17	-7.64
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.21	2.85	8.06	17	-8.94
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	6.29	2.85	9.14	17	-7.87
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.61	1.87	8.48	17	-8.52
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.37	1.87	7.24	17	-9.76
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	6.51	1.87	8.38	17	-8.62
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.59	1.45	8.04	17	-8.96
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.34	1.45	6.79	17	-10.21
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	6.68	1.45	8.13	17	-8.87
	6025	15 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	6.42	2.85	9.27	17	-7.73
	6025	15 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	6.08	2.85	8.93	17	-8.07
	6025	15 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	6.91	2.85	9.76	17	-7.24
	6185	47 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	6.31	1.87	8.18	17	-8.82
	6185	47 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.96	1.87	7.83	17	-9.18
	6185	47 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.81	1.87	7.68	17	-9.32
	6345	79 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	6.90	1.45	8.35	17	-8.65
	6345	79 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	6.83	1.45	8.28	17	-8.73
	6345	79 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	6.87	1.45	8.32	17	-8.68
	6435	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.31	1.73	9.04	17	-7.96
Band 6	6435	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.98	1.73	7.71	17	-9.29
	6435	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.06	1.73	8.79	17	-8.21
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.34	1.73	9.07	17	-7.93
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.11	1.73	7.84	17	-9.16
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.25	1.73	8.98	17	-8.02
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.91	1.73	8.64	17	-8.36
	6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.67	1.73	7.40	17	-9.60
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.80	1.73	8.53	17	-8.47
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.28	1.73	9.01	17	-7.99
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.88	1.73	8.61	17	-8.39
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.05	1.73	8.78	17	-8.22
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.35	1.73	9.08	17	-7.92
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.87	1.73	8.60	17	-8.40
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.10	1.73	8.83	17	-8.17
	6465	103	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.14	1.73	8.87	17	-8.13
	6465	103	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.74	1.73	7.47	17	-9.53
	6505	111 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	6.21	1.73	7.94	17	-9.06
	6505	111 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	6.04	1.73	7.77	17	-9.23
	6505	111 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	6.29	1.73	8.02	17	-8.98
	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.45	-1.02	5.43	17	-11.57
Band 7	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.08	-1.02	4.06	17	-12.94
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.32	-1.02	5.30	17	-11.71
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.98	-1.02	4.96	17	-12.04
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	4.99	-1.02	3.97	17	-13.03
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.28	-1.02	5.26	17	-11.74
	6855	181	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.44	-1.02	5.42	17	-11.58
	6855	181	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.35	-1.02	4.33	17	-12.67
	6855	181	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.62	-1.02	5.60	17	-11.41
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.07	-1.02	5.05	17	-11.95
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.25	-1.02	5.23	17	-11.77
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.27	-1.02	5.25	17	-11.76
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.31	-1.02	5.29	17	-11.72
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.22	-1.02	5.20	17	-11.81
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.83	-1.02	5.81	17	-11.19
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.34	-1.02	5.32	17	-11.68
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.29	-1.02	5.27	17	-11.73
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.68	-1.02	5.66	17	-11.34
	6625	135	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.06	-1.02	5.04	17	-11.96
	6625	135	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.79	-1.02	3.77	17	-13.23
	6625	135	ax (80MHz)	26	36	12.5/14.7 (MCS11)	6.01	-1.02	4.99	17	-12.01
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.72	-1.02	4.70	17	-12.30
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.68	-1.02	3.66	17	-13.34
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	6.17	-1.02	5.15	17	-11.85
	6785	167	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.08	-1.02	5.06	17	-11.94
	6785	167	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.44	-1.02	4.42	17	-12.58
	6785	167	ax (80MHz)	26	36	12.5/14.7 (MCS11)	6.52	-1.02	5.50	17	-11.50
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.80	-1.02	4.78	17	-12.22
	6665	143 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.53	-1.02	4.51	17	-12.49
	6665	143 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	6.05	-1.02	5.03	17	-11.97

Table 7-70. Power Spectral Density Measurements Antenna 0 (RU26)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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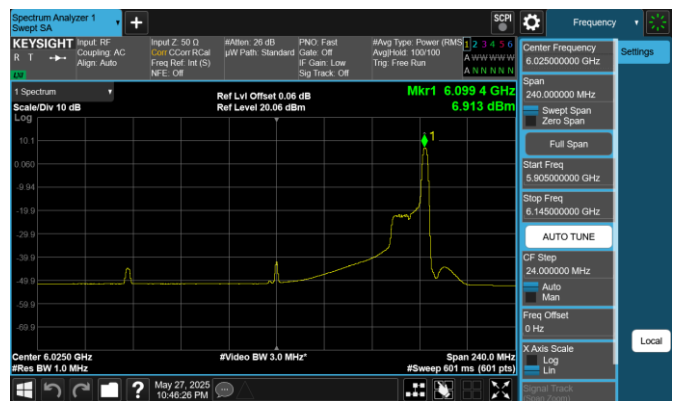
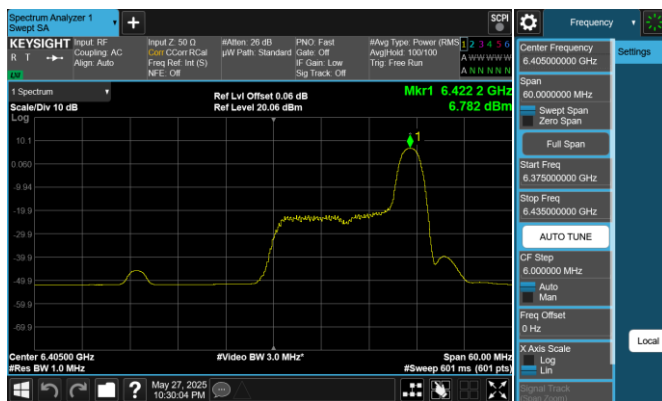
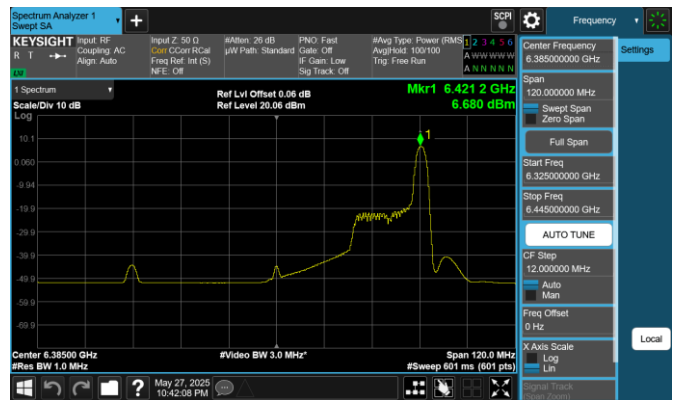
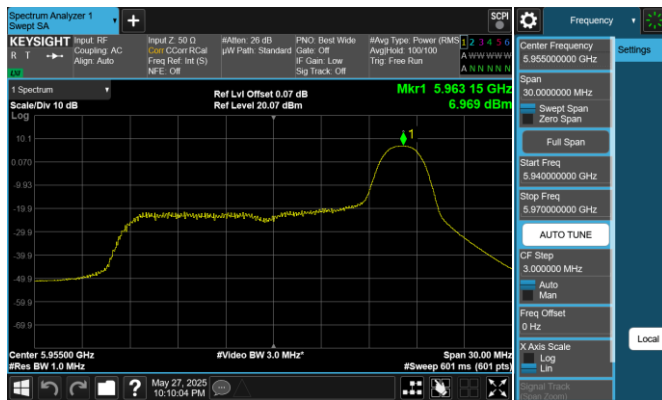
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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.33	2.85	7.18	17	-9.82
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.33	1.87	6.20	17	-10.80
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.69	1.45	6.14	17	-10.86
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	1.16	2.85	4.01	17	-12.99
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	1.17	1.87	3.04	17	-13.96
	6405	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	1.55	1.45	3.00	17	-14.00
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-1.73	2.85	1.12	17	-15.88
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-1.54	1.87	0.34	17	-16.67
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-1.52	1.45	-0.07	17	-17.07
	6025	15	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-5.49	2.85	-2.64	17	-19.64
Band 6	6185	47	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-6.71	1.87	-4.84	17	-21.84
	6345	79	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-5.57	1.45	-4.12	17	-21.12
	6435	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.01	1.73	6.74	17	-10.26
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.13	1.73	6.86	17	-10.15
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.53	1.73	6.26	17	-10.75
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	1.92	1.73	3.65	17	-13.35
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	2.03	1.73	3.76	17	-13.24
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	1.49	1.73	3.22	17	-13.78
	6465	103	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-1.25	1.73	0.48	17	-16.52
	6505	111	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-4.79	1.73	-3.06	17	-20.06
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.22	-1.02	2.20	17	-14.80
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.51	-1.02	2.49	17	-14.51
	6855	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.49	-1.02	2.47	17	-14.53
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.50	-1.02	-0.52	17	-17.52
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	1.09	-1.02	0.07	17	-16.93
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	1.03	-1.02	0.00	17	-17.00
	6625	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-2.63	-1.02	-3.65	17	-20.65
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-2.15	-1.02	-3.17	17	-20.17
	6785	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-2.14	-1.02	-3.16	17	-20.16
	6665	143	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-7.72	-1.02	-8.74	17	-25.74

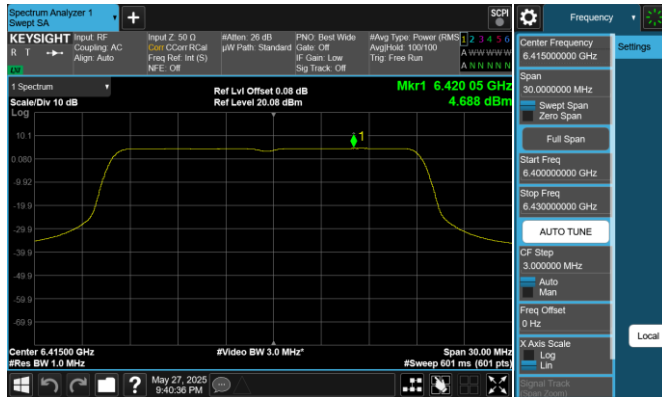
Table 7-71. Power Spectral Density Measurements Antenna 0 (Fully – Loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 89 of 325

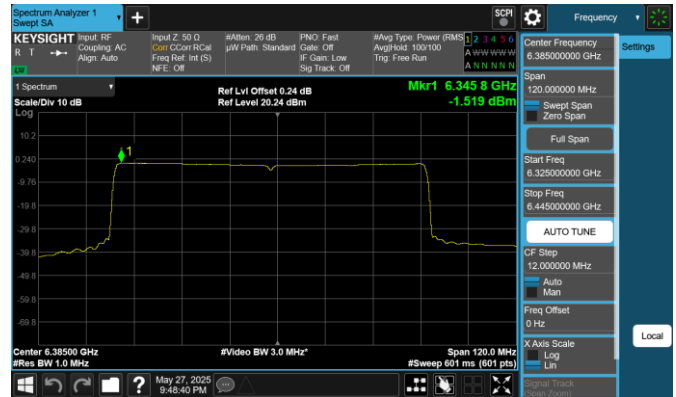
V 12.0 03/03/2026



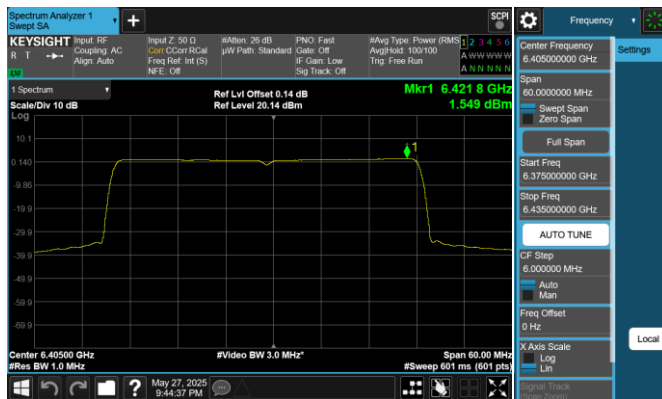
FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 90 of 325



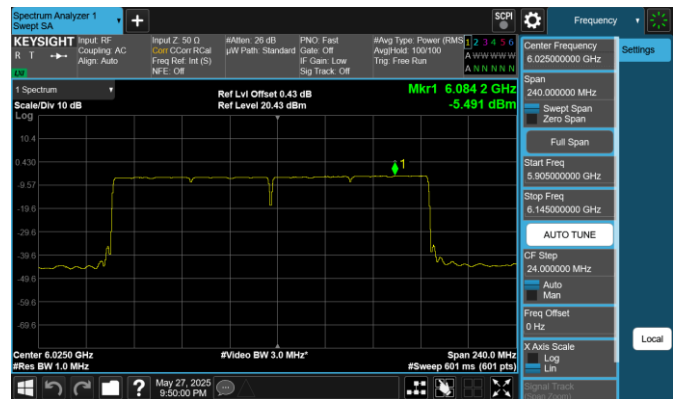
Plot 7-117. PSD Plot Antenna 0 (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 93)



Plot 7-119. PSD Plot Antenna 0 (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 87)

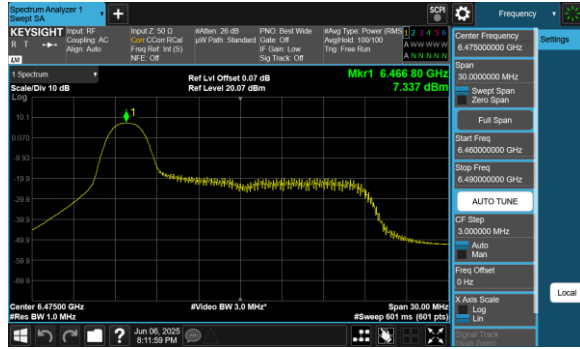


Plot 7-118. PSD Plot Antenna 0 (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 91)

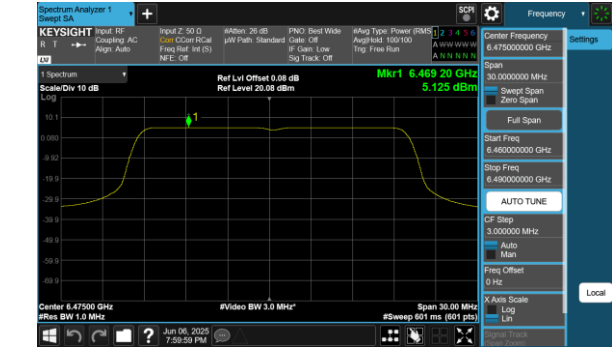


Plot 7-120. PSD Plot Antenna 0 (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 15)

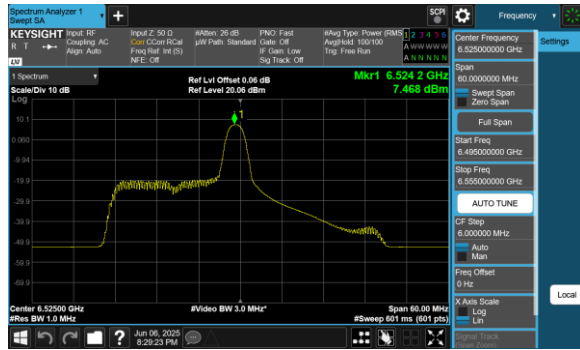
FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 91 of 325



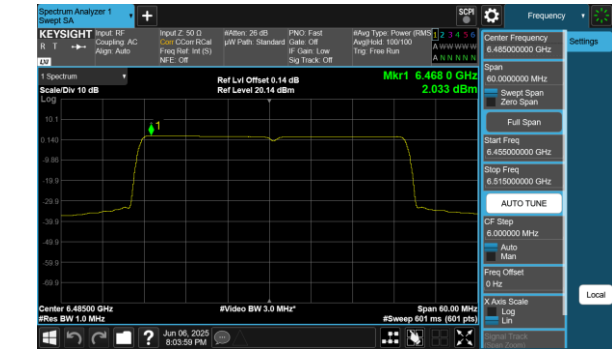
Plot 7-121. PSD Plot Antenna 0 (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



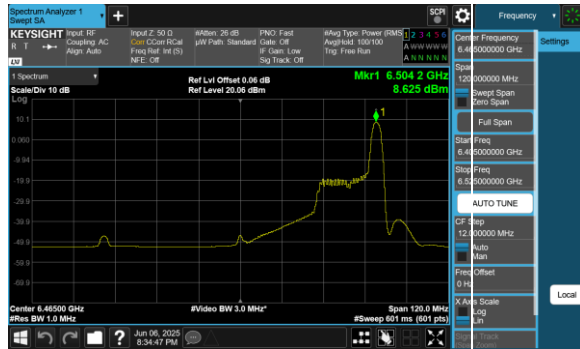
Plot 7-125. PSD Plot Antenna 0 (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 105)



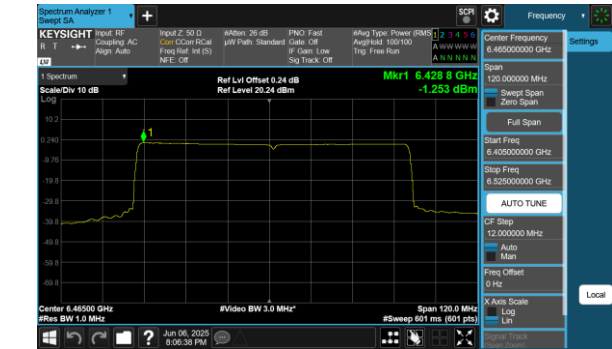
Plot 7-122. PSD Plot Antenna 0 (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 115)



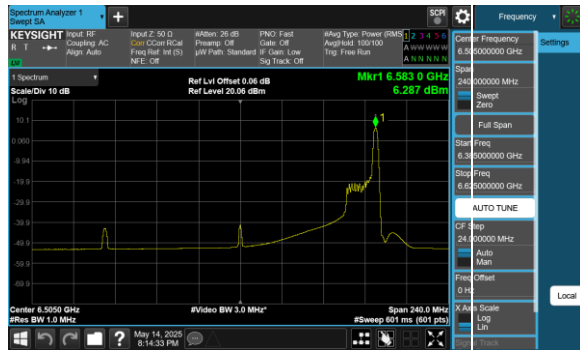
Plot 7-126. PSD Plot Antenna 0 (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 107)



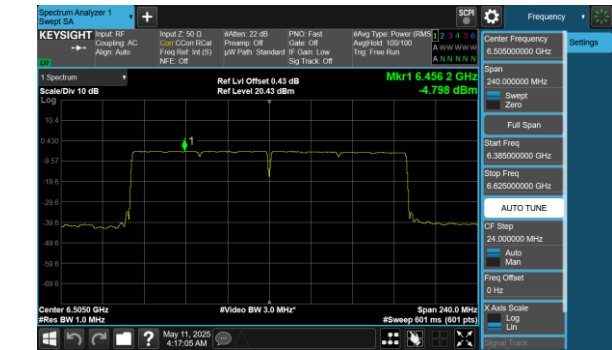
Plot 7-123. PSD Plot Antenna 0 (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-127. PSD Plot Antenna 0 (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)

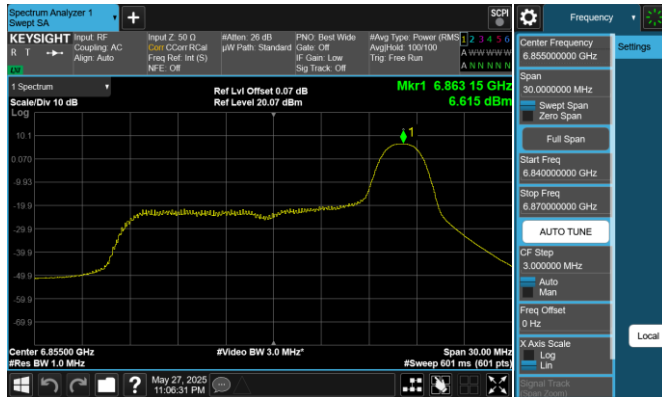


Plot 7-124. PSD Plot Antenna 0 (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

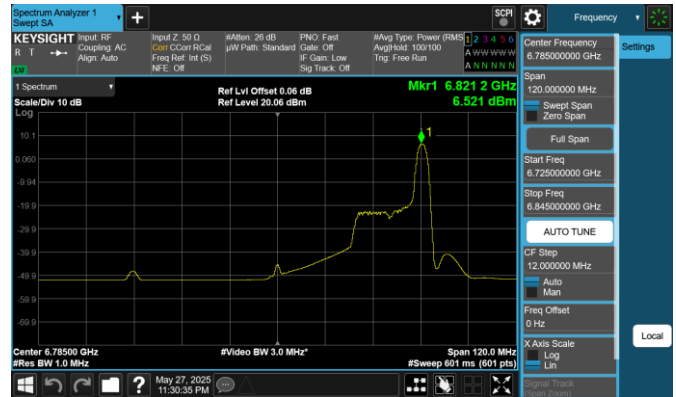


Plot 7-128. PSD Plot Antenna 0 (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)

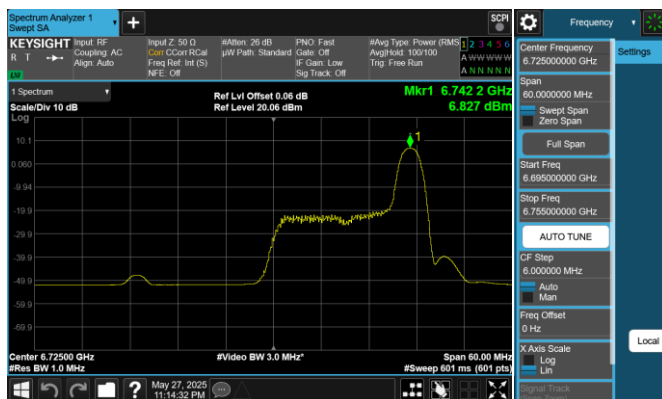
FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 92 of 325



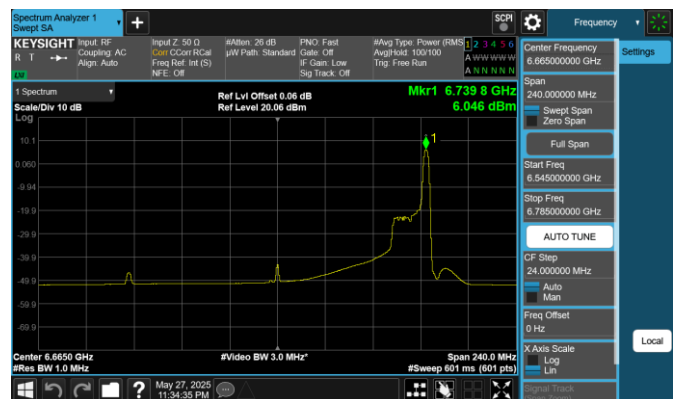
Plot 7-129. PSD Plot Antenna 0 (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 181)



Plot 7-131. PSD Plot Antenna 0 (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 167)

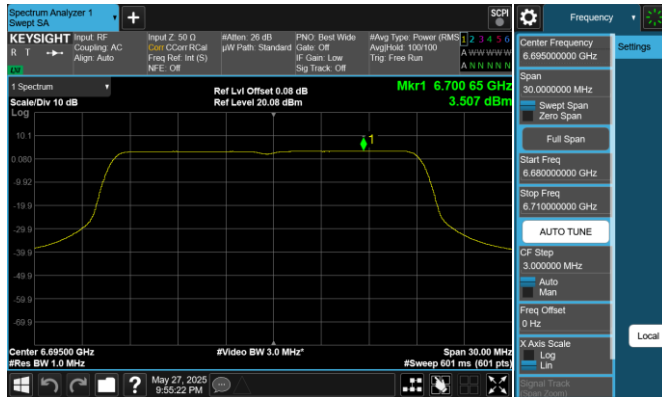


Plot 7-130. PSD Plot Antenna 0 (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

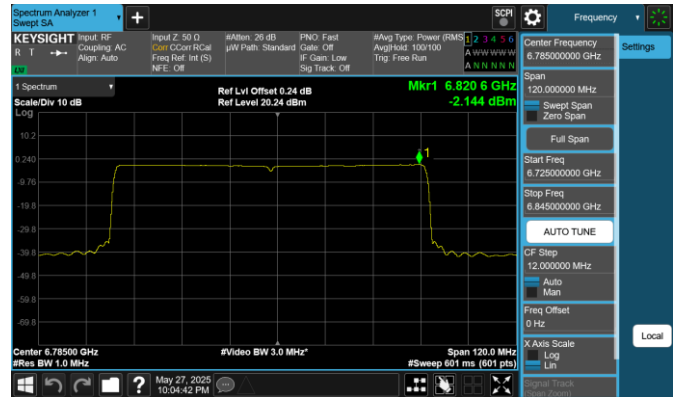


Plot 7-132. PSD Plot Antenna 0 (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

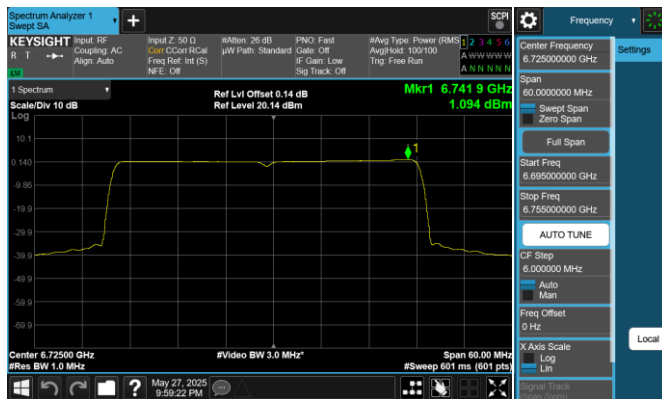
FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 93 of 325



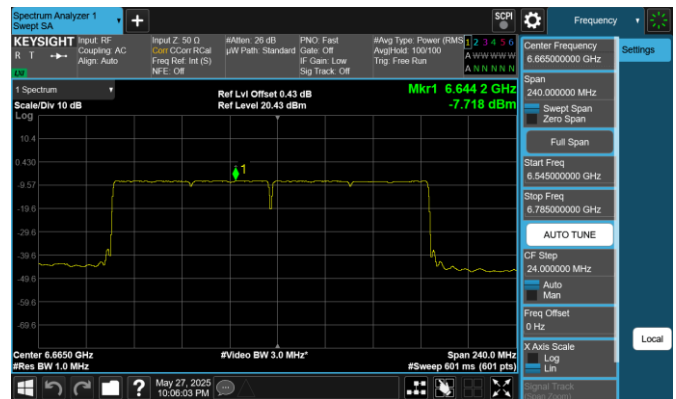
Plot 7-133. PSD Plot Antenna 0 (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-135. PSD Plot Antenna 0 (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 167)



Plot 7-134. PSD Plot Antenna 0 (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



Plot 7-136. PSD Plot Antenna 0 (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 94 of 325

7.4.2 Antenna 0 Power Spectral Density Measurements – LPI

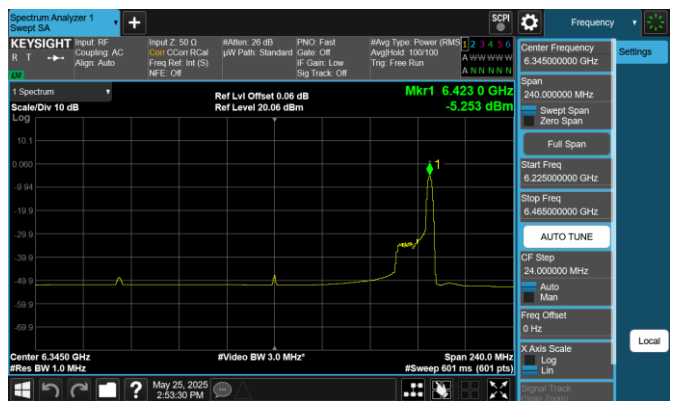
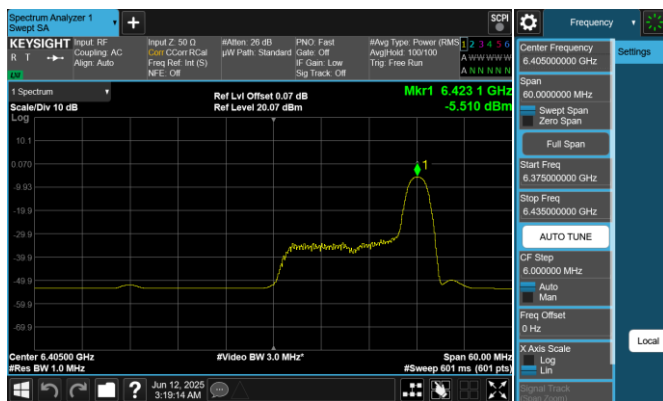
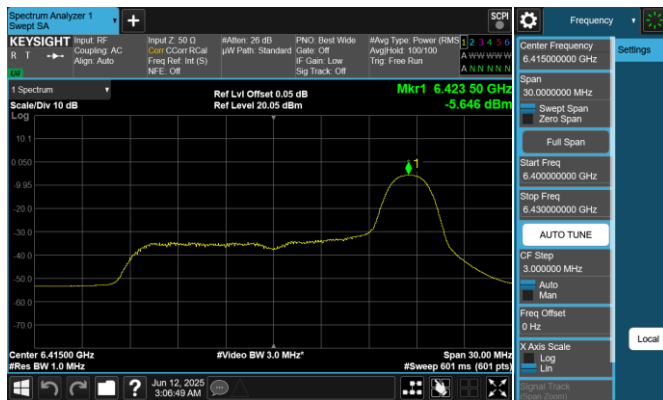
	Frequency [MHz]	Channel	MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.83	2.85	-3.98	-1	-2.98
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.95	2.85	-5.10	-1	-4.10
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-7.31	2.85	-4.46	-1	-3.46
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.93	1.87	-5.06	-1	-4.06
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.15	1.87	-6.28	-1	-5.28
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-7.14	1.87	-5.27	-1	-4.27
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-5.75	1.45	-4.30	-1	-3.30
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.01	1.45	-5.56	-1	-4.56
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-5.65	1.45	-4.20	-1	-3.20
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-7.12	2.85	-4.27	-1	-3.27
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.46	2.85	-4.61	-1	-3.61
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-7.52	2.85	-4.67	-1	-3.67
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.73	1.87	-4.86	-1	-3.86
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.23	1.87	-5.36	-1	-4.36
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.90	1.87	-5.03	-1	-4.03
	6405	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-5.63	1.45	-4.18	-1	-3.18
	6405	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-5.90	1.45	-4.45	-1	-3.45
	6405	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-5.51	1.45	-4.06	-1	-3.06
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-7.64	2.85	-4.79	-1	-3.79
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-9.41	2.85	-6.96	-1	-5.96
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.94	2.85	-5.09	-1	-4.09
	6345	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-6.68	1.87	-4.81	-1	-3.81
	6345	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-7.95	1.87	-6.08	-1	-5.08
	6345	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-6.89	1.87	-5.02	-1	-4.02
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-6.04	1.45	-3.59	-1	-2.59
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.30	1.45	-4.85	-1	-3.85
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-5.13	1.45	-3.68	-1	-2.68
	6025	15 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-7.28	2.85	-4.43	-1	-3.43
	6025	15 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-7.53	2.85	-4.68	-1	-3.68
	6025	15 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-6.93	2.85	-4.07	-1	-3.07
	6185	47 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-6.83	1.87	-4.96	-1	-3.96
	6185	47 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-7.01	1.87	-5.14	-1	-4.14
	6185	47 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-6.95	1.87	-5.08	-1	-4.08
	6345	79 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-5.31	1.45	-3.86	-1	-2.86
	6345	79 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-5.23	1.45	-3.78	-1	-2.78
	6345	79 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-5.21	1.45	-3.76	-1	-2.76
Band 6	6435	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.67	1.73	-4.94	-1	-3.94
	6435	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.93	1.73	-6.20	-1	-5.20
	6435	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.83	1.73	-5.13	-1	-4.13
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.28	1.73	-4.55	-1	-3.55
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.47	1.73	-5.74	-1	-4.74
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.44	1.73	-4.71	-1	-3.71
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.86	1.73	-5.13	-1	-4.13
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.02	1.73	-6.29	-1	-5.29
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.92	1.73	-5.19	-1	-4.19
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.63	1.73	-4.90	-1	-3.90
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.09	1.73	-5.36	-1	-4.36
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.69	1.73	-4.96	-1	-3.96
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.33	1.73	-4.59	-1	-3.59
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.64	1.73	-4.91	-1	-3.91
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.46	1.73	-4.73	-1	-3.73
	6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.84	1.73	-5.11	-1	-4.11
	6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.14	1.73	-5.41	-1	-4.41
	6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.80	1.73	-5.07	-1	-4.07
	6465	103	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.80	1.73	-4.07	-1	-3.07
	6465	103	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.66	1.73	-4.93	-1	-3.93
	6465	103	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-5.67	1.73	-3.94	-1	-2.94
	6505	111 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-5.63	1.73	-3.90	-1	-2.90
	6505	111 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-5.92	1.73	-4.19	-1	-3.19
	6505	111 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-5.97	1.73	-4.24	-1	-3.24
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-4.13	-1.02	-5.15	-1	-4.15
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.31	-1.02	-6.33	-1	-5.33
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.19	-1.02	-5.21	-1	-4.21
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-3.71	-1.02	-4.73	-1	-3.73
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-4.83	-1.02	-5.85	-1	-4.85
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-3.67	-1.02	-4.69	-1	-3.69
	6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-4.64	-1.02	-5.66	-1	-4.66
	6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.79	-1.02	-6.81	-1	-5.81
	6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.65	-1.02	-5.67	-1	-4.67
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-3.73	-1.02	-4.75	-1	-3.75
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-4.23	-1.02	-5.25	-1	-4.25
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-3.78	-1.02	-4.80	-1	-3.80
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-3.33	-1.02	-4.35	-1	-3.35
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-3.78	-1.02	-4.80	-1	-3.80
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-3.72	-1.02	-4.74	-1	-3.74
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-3.73	-1.02	-4.75	-1	-3.75
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-3.96	-1.02	-4.98	-1	-3.98
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-4.00	-1.02	-5.02	-1	-4.02
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.48	-1.02	-6.50	-1	-5.50
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.68	-1.02	-7.70	-1	-6.70
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-5.56	-1.02	-6.58	-1	-5.58
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-4.15	-1.02	-5.17	-1	-4.17
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-5.36	-1.02	-6.38	-1	-5.38
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-4.13	-1.02	-5.15	-1	-4.15
	6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-4.43	-1.02	-5.45	-1	-4.45
	6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-5.56	-1.02	-6.58	-1	-5.58
	6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-4.36	-1.02	-5.38	-1	-4.38
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-3.88	-1.02	-4.90	-1	-3.90
	6665	143 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-4.06	-1.02	-5.08	-1	-4.08
	6665	143 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-3.98	-1.02	-5.00	-1	-4.00
	6825	175 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-4.18	-1.02	-5.20	-1	-4.20
	6825	175 (L)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-4.26	-1.02	-5.28	-1	-4.28
	6825	175 (H)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-4.26	-1.02	-5.28	-1	-4.28
Band 8	6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-4.67	-0.26	-4.93	-1	-3.93
	6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.80	-0.26	-6.06	-1	-5.06
	6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.67	-0.26	-4.93	-1	-3.93
	6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-4.70	-0.26	-4.96	-1	-3.96
	6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.82	-0.26	-6.08	-1	-5.08
	6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.72	-0.26	-4.98	-1	-3.98
	7095	229	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-4.33	-0.26	-4.59	-1	-3.59
	7095	229	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.07	-0.26	-5.33	-1	-4.33
	7095	229	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.37	-0.26	-4.63	-1	-3.63
	6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-4.55	-0.26	-4.81	-1	-3.81
	6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-4.88	-0.26	-5.14	-1	-4.14
	6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-4.52	-0.26	-4.78	-1	-3

	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 Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.26	2.85	-4.41	-1	-3.41
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.09	1.87	-5.22	-1	-4.22
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-5.95	1.45	-4.50	-1	-3.50
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.36	2.85	-5.51	-1	-4.51
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-5.02	1.87	-3.15	-1	-2.15
	6405	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.20	1.45	-4.75	-1	-3.75
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.58	2.85	-4.73	-1	-3.73
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.21	1.87	-5.34	-1	-4.34
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-5.79	1.45	-4.34	-1	-3.34
	6025	15	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-8.00	2.85	-5.15	-1	-4.15
Band 6	6185	47	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-8.42	1.87	-6.55	-1	-5.55
	6345	79	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-6.52	1.45	-5.07	-1	-4.07
	6435	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.76	1.73	-5.03	-1	-4.03
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.54	1.73	-4.81	-1	-3.81
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.09	1.73	-5.36	-1	-4.36
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.35	1.73	-5.62	-1	-4.62
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.96	1.73	-5.23	-1	-4.23
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.24	1.73	-5.51	-1	-4.51
	6465	103	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.43	1.73	-5.70	-1	-4.70
	6505	111	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-3.55	1.73	-1.82	-1	-0.82
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.78	-1.02	-5.80	-1	-4.80
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.05	-1.02	-5.07	-1	-4.07
	6875	185	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.82	-1.02	-5.84	-1	-4.84
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-0.99	-1.02	-2.01	-1	-1.01
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.81	-1.02	-5.83	-1	-4.83
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-3.86	-1.02	-4.88	-1	-3.88
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-6.88	-1.02	-7.90	-1	-6.90
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.17	-1.02	-5.19	-1	-4.19
	6865	183	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.85	-1.02	-5.87	-1	-4.87
	6665	143	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-7.81	-1.02	-8.83	-1	-7.83
Band 8	6825	175	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-4.23	-1.02	-5.25	-1	-4.25
	6895	189	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.80	-0.26	-5.06	-1	-4.06
	6995	209	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.73	-0.26	-4.99	-1	-3.99
	7095	229	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-5.06	-0.26	-5.32	-1	-4.32
	6885	187	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-1.32	-0.26	-1.58	-1	-0.58
	7005	211	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-3.93	-0.26	-4.19	-1	-3.19
	7085	227	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.64	-0.26	-4.90	-1	-3.90
	6945	199	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.82	-0.26	-5.08	-1	-4.08
	7025	215	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-5.14	-0.26	-5.40	-1	-4.40
	6985	207	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-4.35	-0.26	-4.61	-1	-3.61

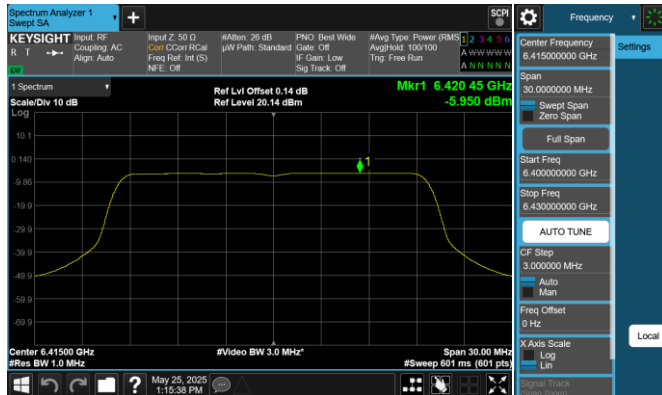
Table 7-73. Power Spectral Density Measurements Antenna 0 (Fully – Loaded RU)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 96 of 325

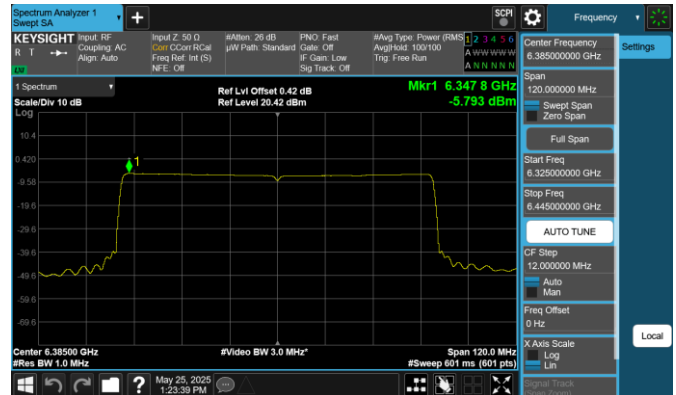
V 12.0 03/03/2026



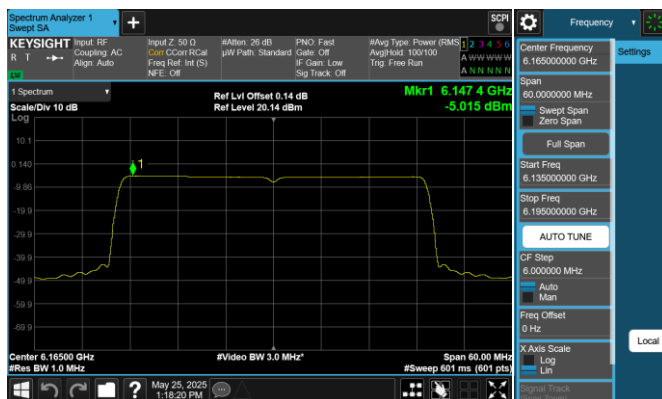
FCC ID: BCGA3300 IC: 579C-A3300	element	Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 97 of 325



Plot 7-141. PSD Plot Antenna 0 (20MHz 802.11ax RU242 (UNII Band 5) – Ch1 93)



Plot 7-143. PSD Plot Antenna 0 (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 87)



Plot 7-142. PSD Plot Antenna 0 (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



Plot 7-144. PSD Plot Antenna 0 (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 79)

FCC ID: BCGA3300 IC: 579C-A3300		Test Dates: 3/24/2025 - 6/20/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2503170028-10-R2.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 98 of 325