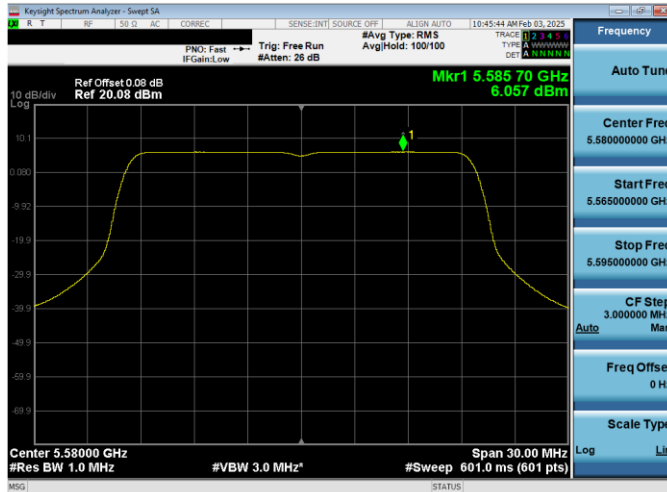
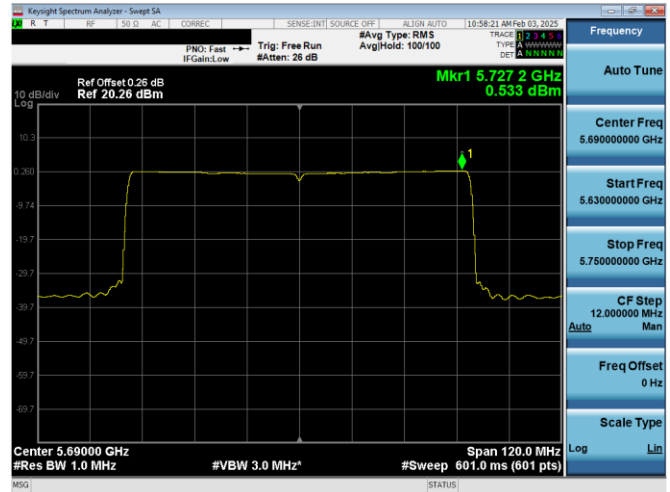
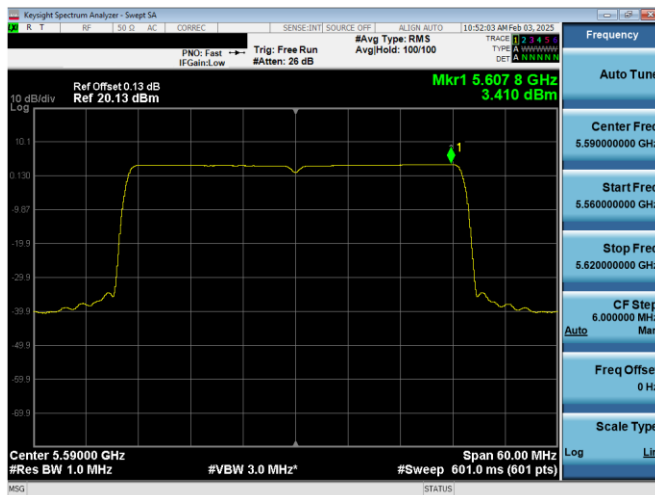




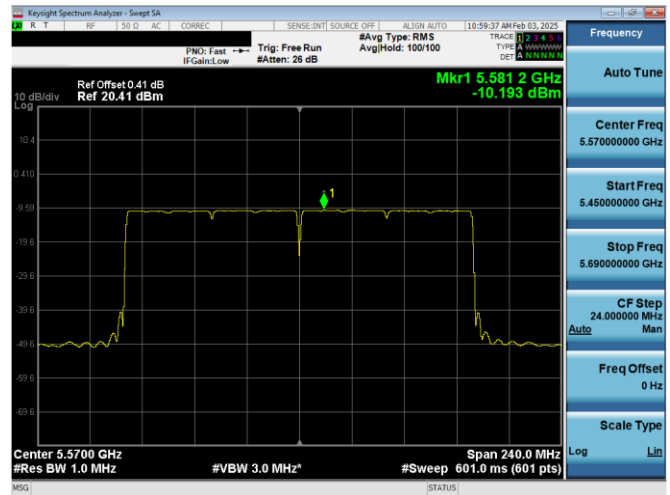
Plot 7-53. PSD Antenna 1 (20MHz BW 11ax- RU242 – Ch.116)



Plot 7-55. PSD Antenna 1 (80MHz BW 11ax- RU996 – Ch.138)



Plot 7-54. PSD Antenna 1 (40MHz BW 11ax- RU484 – Ch.118)



Plot 7-56. PSD Antenna 1 (160MHz BW 11ax- RU996x2 – Ch.114)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.23	30.0	-25.77
				26	4	12.5/14.7 (MCS11)	3.97	30.0	-26.03
				26	8	12.5/14.7 (MCS11)	4.13	30.0	-25.87
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.08	30.0	-25.92
				26	4	12.5/14.7 (MCS11)	3.88	30.0	-26.12
				26	8	12.5/14.7 (MCS11)	3.64	30.0	-26.36
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.03	30.0	-25.97
				26	4	12.5/14.7 (MCS11)	3.80	30.0	-26.20
				26	8	12.5/14.7 (MCS11)	4.12	30.0	-25.89
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	4.23	30.0	-25.77
				26	8	12.5/14.7 (MCS11)	3.95	30.0	-26.05
				26	17	12.5/14.7 (MCS11)	3.71	30.0	-26.29
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	3.68	30.0	-26.32
				26	8	12.5/14.7 (MCS11)	3.87	30.0	-26.13
				26	17	12.5/14.7 (MCS11)	3.84	30.0	-26.16
	5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	4.23	30.0	-25.77
				26	18	12.5/14.7 (MCS11)	3.86	30.0	-26.14
				26	36	12.5/14.7 (MCS11)	3.78	30.0	-26.22

Table 7-116. Band 3 Power Spectral Density Measurements Antenna 1 (RU26)

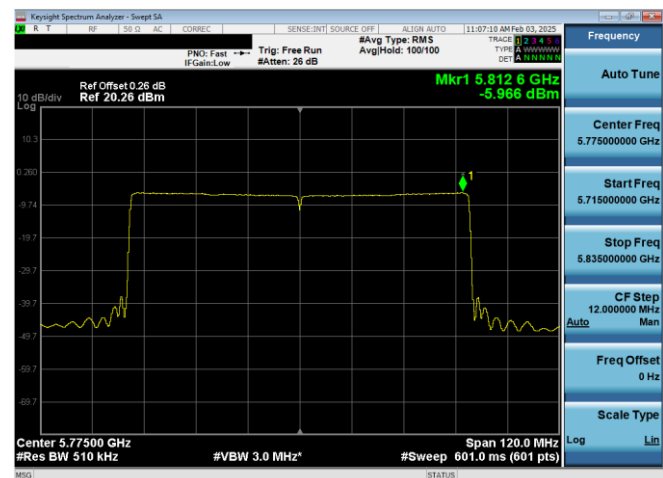
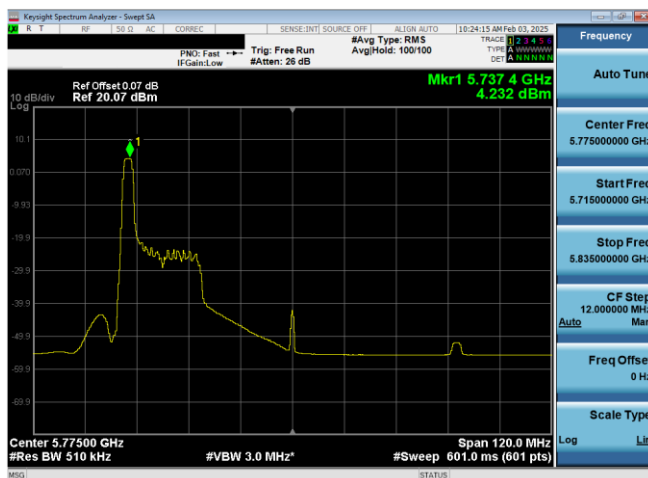
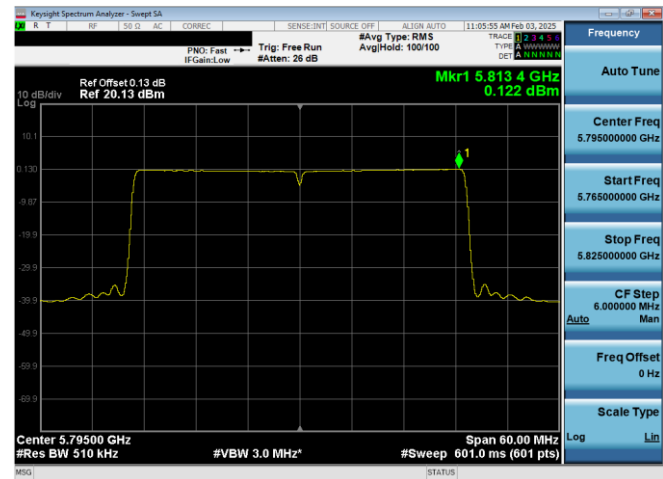
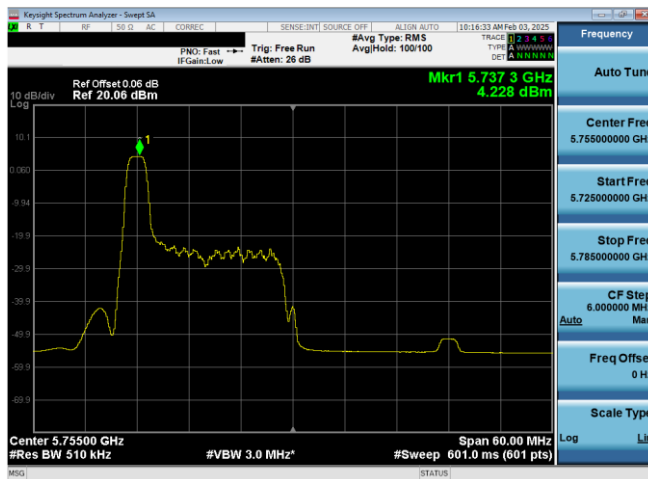
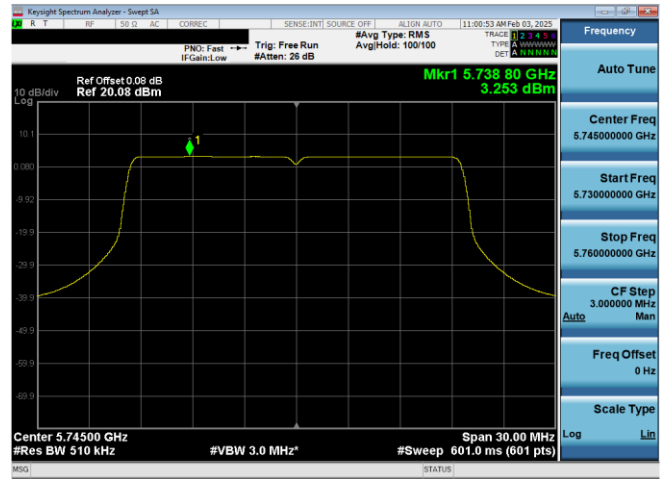
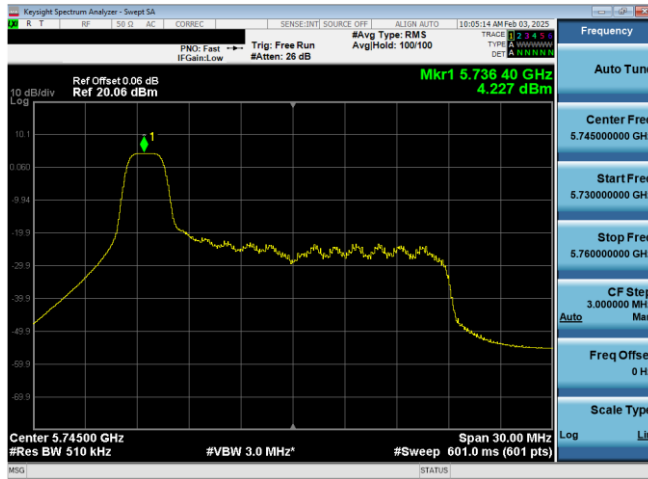
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.25	30.0	-26.75
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	2.64	30.0	-27.36
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.16	30.0	-26.84
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-0.08	30.0	-30.08
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.12	30.0	-29.88
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-5.97	30.0	-35.97

Table 7-117. Band 3 Power Spectral Density Measurements Antenna 1 (Fully-loaded RU)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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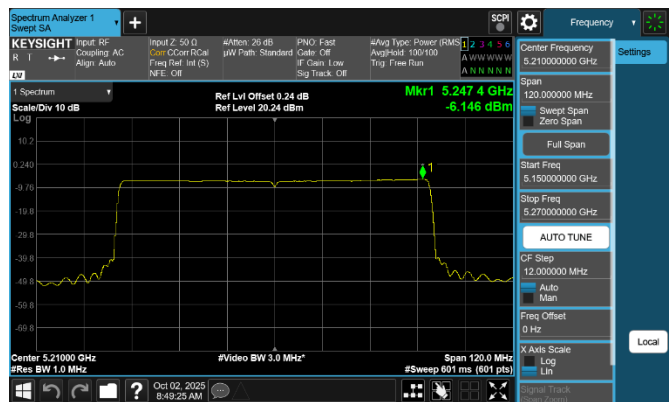
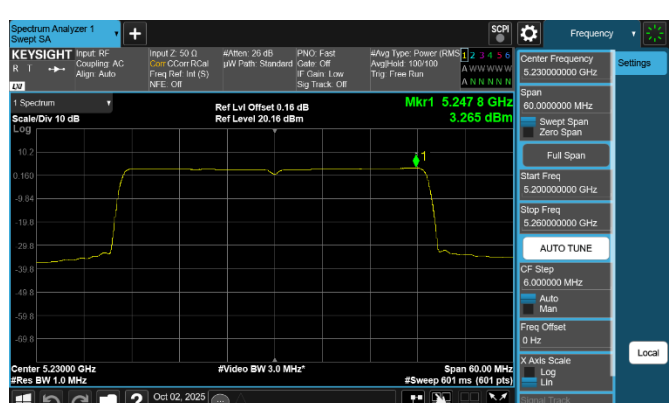
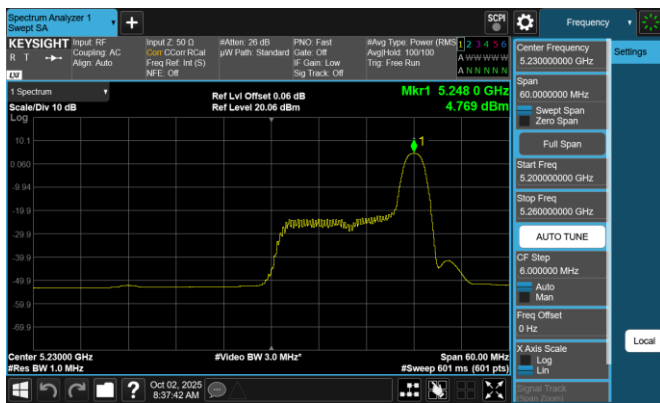
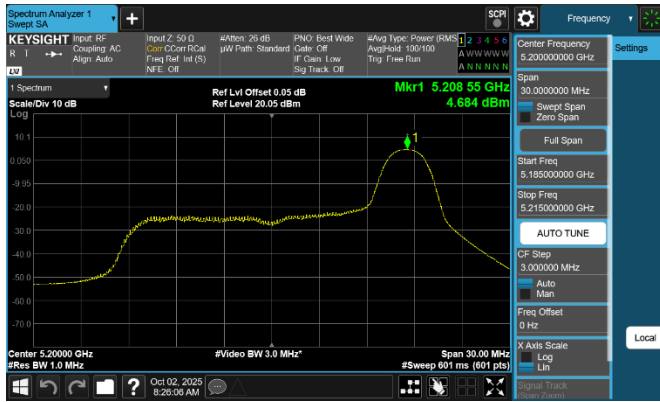
	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.28	1.78	6.06	10.0	-3.94
				26	4	12.5/14.7 (MCS11)	3.29	1.78	5.07	10.0	-4.93
				26	8	12.5/14.7 (MCS11)	4.61	1.78	6.39	10.0	-3.61
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.46	1.78	6.24	10.0	-3.76
				26	4	12.5/14.7 (MCS11)	3.50	1.78	5.28	10.0	-4.72
				26	8	12.5/14.7 (MCS11)	4.68	1.78	6.46	10.0	-3.54
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.43	1.78	6.21	10.0	-3.79
				26	4	12.5/14.7 (MCS11)	3.37	1.78	5.15	10.0	-4.85
				26	8	12.5/14.7 (MCS11)	4.57	1.78	6.35	10.0	-3.65
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	4.47	1.78	6.25	10.0	-3.75
				26	8	12.5/14.7 (MCS11)	4.42	1.78	6.20	10.0	-3.80
				26	17	12.5/14.7 (MCS11)	4.31	1.78	6.09	10.0	-3.91
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	4.45	1.78	6.23	10.0	-3.77
				26	8	12.5/14.7 (MCS11)	4.12	1.78	5.90	10.0	-4.10
				26	17	12.5/14.7 (MCS11)	4.77	1.78	6.55	10.0	-3.45
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	4.36	1.78	6.14	10.0	-3.86
				26	18	12.5/14.7 (MCS11)	3.38	1.78	5.16	10.0	-4.84
				26	36	12.5/14.7 (MCS11)	4.30	1.78	6.08	10.0	-3.92

Table 7-118. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1 (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.54	1.78	5.32	10.0	-4.68
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.12	1.78	5.90	10.0	-4.10
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.95	1.78	5.73	10.0	-4.27
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-1.17	1.78	0.61	10.0	-9.39
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.27	1.78	5.05	10.0	-4.96
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-6.15	1.78	-4.37	10.0	-14.37

Table 7-119. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1 (Fully-loaded RU)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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7.5.3 Summed CDD/SDM Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 0 Power Density [dBm/MHz]	Antenna 1 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	5.33	5.01	8.19	11.0	-2.81
					26	4	25/29.4 (MCS11)	4.36	4.14	7.26	11.0	-3.74
					26	8	25/29.4 (MCS11)	5.63	5.40	8.53	11.0	-2.47
	5200	40	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	5.48	5.13	8.32	11.0	-2.68
					26	4	25/29.4 (MCS11)	4.39	4.21	7.31	11.0	-3.69
					26	8	25/29.4 (MCS11)	5.64	4.99	8.34	11.0	-2.66
	5240	48	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	5.60	5.46	8.54	11.0	-2.46
					26	4	25/29.4 (MCS11)	4.40	4.34	7.38	11.0	-3.62
					26	8	25/29.4 (MCS11)	5.37	5.41	8.40	11.0	-2.60
	5190	38	ax (40MHz)	CDD	26	0	25/29.4 (MCS11)	5.35	5.07	8.22	11.0	-2.78
					26	8	25/29.4 (MCS11)	5.31	5.14	8.23	11.0	-2.77
					26	17	25/29.4 (MCS11)	5.27	5.00	8.15	11.0	-2.85
	5230	46	ax (40MHz)	CDD	26	0	25/29.4 (MCS11)	5.42	5.33	8.39	11.0	-2.61
					26	8	25/29.4 (MCS11)	5.58	5.06	8.34	11.0	-2.66
					26	17	25/29.4 (MCS11)	5.56	5.54	8.56	11.0	-2.44
	5210	42	ax (80MHz)	CDD	26	0	25/29.4 (MCS11)	5.26	5.04	8.16	11.0	-2.84
					26	18	25/29.4 (MCS11)	4.50	4.29	7.40	11.0	-3.60
					26	36	25/29.4 (MCS11)	5.19	5.20	8.21	11.0	-2.79

Table 7-120. Bands 1 Power Spectral Density Measurements CDD (RU26)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 0 Power Density [dBm/MHz]	Antenna 1 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1/2A	5250	50	ax (160MHz)	CDD	52	37	50/58.8 (MCS11)	4.43	3.98	7.22	11.0	-7.02
		52			44	50/58.8 (MCS11)	4.64	4.26	7.46	11.0	-6.75	
		52			52	50/58.8 (MCS11)	4.87	4.89	7.89	11.0	-6.11	
Band 2A	5260	52	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	4.75	4.75	7.76	11.0	-6.25
					52	38	50/58.8 (MCS11)	5.20	4.68	7.96	11.0	-6.32
					52	40	50/58.8 (MCS11)	5.22	4.67	7.96	11.0	-6.33
	5280	60	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	5.30	5.09	8.21	11.0	-5.91
					52	38	50/58.8 (MCS11)	5.21	5.14	8.19	11.0	-5.86
					52	40	50/58.8 (MCS11)	4.77	5.08	7.94	11.0	-5.92
	5320	64	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	4.76	4.69	7.74	11.0	-6.31
					52	38	50/58.8 (MCS11)	5.31	5.21	8.27	11.0	-5.79
					52	40	50/58.8 (MCS11)	4.71	4.64	7.68	11.0	-6.36
	5270	54	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	5.30	4.86	8.10	11.0	-6.14
					52	40	50/58.8 (MCS11)	5.12	5.11	8.12	11.0	-5.89
					52	44	50/58.8 (MCS11)	4.93	4.89	7.92	11.0	-6.11
	5310	62	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	4.86	5.19	8.04	11.0	-5.82
					52	40	50/58.8 (MCS11)	5.16	5.02	8.10	11.0	-5.98
					52	44	50/58.8 (MCS11)	4.90	4.80	7.86	11.0	-6.20
	5290	58	ax (80MHz)	CDD	52	37	50/58.8 (MCS11)	4.35	4.31	7.34	11.0	-6.69
					52	44	50/58.8 (MCS11)	4.67	4.20	7.45	11.0	-6.80
					52	52	50/58.8 (MCS11)	4.40	4.46	7.44	11.0	-6.54
Band 2C	5500	100	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	4.95	4.96	7.96	11.0	-6.04
					52	38	50/58.8 (MCS11)	5.03	4.91	7.98	11.0	-6.09
					52	40	50/58.8 (MCS11)	4.96	4.91	7.94	11.0	-6.09
	5580	116	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	5.30	5.17	8.25	11.0	-5.83
					52	38	50/58.8 (MCS11)	5.30	5.21	8.27	11.0	-5.79
					52	40	50/58.8 (MCS11)	5.43	5.21	8.33	11.0	-5.79
	5720	144	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	4.86	4.80	7.84	11.0	-6.20
					52	38	50/58.8 (MCS11)	4.90	4.83	7.88	11.0	-6.17
					52	40	50/58.8 (MCS11)	5.01	4.81	7.92	11.0	-6.20
	5510	102	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	5.17	5.15	8.17	11.0	-5.85
					52	40	50/58.8 (MCS11)	4.77	4.77	7.78	11.0	-6.23
					52	44	50/58.8 (MCS11)	5.19	4.71	7.97	11.0	-6.29
	5550	110	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	4.91	4.96	7.94	11.0	-6.04
					52	40	50/58.8 (MCS11)	5.23	5.15	8.20	11.0	-5.85
					52	44	50/58.8 (MCS11)	5.00	4.98	8.00	11.0	-6.02
	5590	118	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	4.95	5.32	8.15	11.0	-5.68
					52	40	50/58.8 (MCS11)	5.29	5.12	8.22	11.0	-5.88
					52	44	50/58.8 (MCS11)	5.15	5.39	8.28	11.0	-5.61
	5670	134	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	5.00	5.19	8.10	11.0	-5.81
					52	40	50/58.8 (MCS11)	5.15	4.82	8.00	11.0	-6.18
					52	44	50/58.8 (MCS11)	4.92	4.61	7.78	11.0	-6.39
	5710	142	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	5.04	4.76	7.91	11.0	-6.24
					52	40	50/58.8 (MCS11)	4.75	5.12	7.95	11.0	-5.88
					52	44	50/58.8 (MCS11)	5.15	4.83	8.00	11.0	-6.17
	5530	106	ax (80MHz)	CDD	52	37	50/58.8 (MCS11)	3.66	3.58	6.63	11.0	-7.42
					52	44	50/58.8 (MCS11)	3.52	3.39	6.47	11.0	-7.61
					52	52	50/58.8 (MCS11)	3.70	3.20	6.47	11.0	-7.80
	5610	122	ax (80MHz)	CDD	52	37	50/58.8 (MCS11)	4.95	5.24	8.11	11.0	-5.76
					52	44	50/58.8 (MCS11)	5.34	5.14	8.25	11.0	-5.86
					52	52	50/58.8 (MCS11)	5.07	4.78	7.94	11.0	-6.22
	5690	138	ax (80MHz)	CDD	52	37	50/58.8 (MCS11)	4.91	5.23	8.08	11.0	-5.77
					52	44	50/58.8 (MCS11)	4.64	4.87	7.77	11.0	-6.13
					52	52	50/58.8 (MCS11)	4.82	5.17	8.01	11.0	-5.83
	5570	114	ax (160MHz)	CDD	52	37	50/58.8 (MCS11)	4.16	3.96	7.07	11.0	-7.04
					52	44	50/58.8 (MCS11)	4.10	3.83	6.98	11.0	-7.17
					52	52	50/58.8 (MCS11)	4.15	4.19	7.18	11.0	-6.81

Table 7-121. Bands 1, 2A, 2C Power Spectral Density Measurements CDD (RU52)

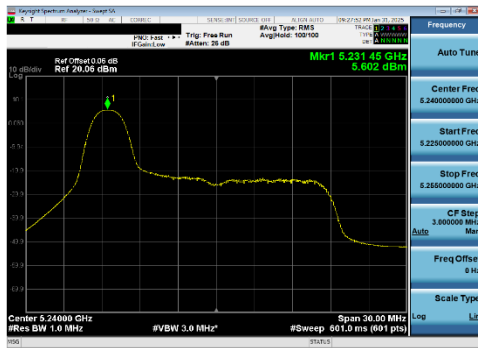
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 95 of 198

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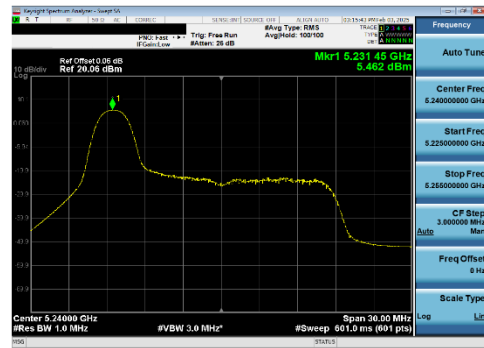
	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 0 Power Density [dBm/MHz]	Antenna 1 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	2.49	2.37	5.44	11.0	-5.56
	5200	40	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.43	5.55	8.50	11.0	-2.50
	5240	48	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.95	5.46	8.72	11.0	-2.28
	5190	38	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-3.20	-3.39	-0.28	11.0	-11.28
	5230	46	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	2.13	2.15	5.15	11.0	-5.85
	5210	42	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-8.41	-8.24	-5.31	11.0	-16.31
Band 1/2A	5250	50	ax (160MHz)	CDD	996x2	68	2041.6/2402 (MCS11)	-10.78	-11.04	-7.90	11.0	-18.90
Band 2A	5260	52	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.69	6.00	8.86	11.0	-2.14
	5280	60	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.74	5.53	8.65	11.0	-2.35
	5320	64	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	3.10	3.14	6.13	11.0	-4.87
	5270	54	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	2.41	1.84	5.14	11.0	-5.86
	5310	62	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-3.24	-3.35	-0.29	11.0	-11.29
	5290	58	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-7.67	-7.98	-4.81	11.0	-15.81
Band 2C	5500	100	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	0.91	0.79	3.86	11.0	-7.14
	5580	116	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.91	5.69	8.81	11.0	-2.19
	5720	144	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.58	5.32	8.46	11.0	-2.54
	5510	102	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-3.97	-3.99	-0.97	11.0	-11.97
	5550	110	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	1.43	0.92	4.19	11.0	-6.81
	5710	142	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	3.36	3.14	6.26	11.0	-4.74
	5530	106	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-8.97	-8.87	-5.91	11.0	-16.91
	5610	122	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-4.08	-6.81	-2.22	11.0	-13.22
	5690	138	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-0.07	0.48	3.22	11.0	-7.78
	5570	114	ax (160MHz)	CDD	996x2	68	2041.6/2402 (MCS11)	-11.40	-11.59	-8.48	11.0	-19.48

Table 7-122. Bands 1, 2A, 2C Power Spectral Density Measurements CDD (Fully-loaded RU)

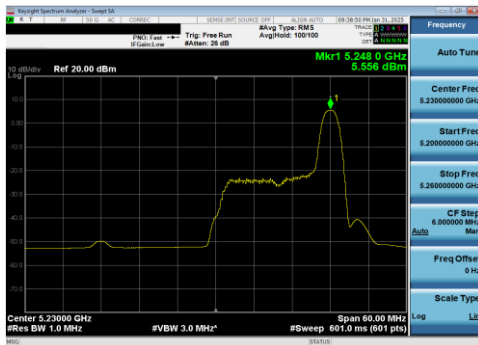
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 96 of 198



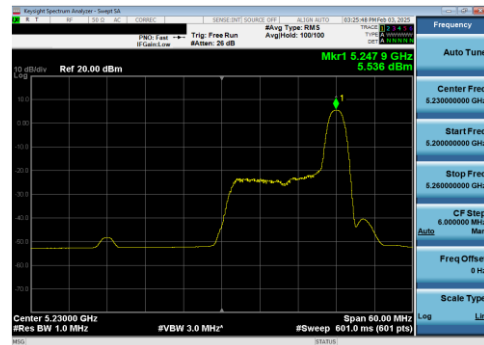
Plot 7-69. PSD CDD Antenna 0 (20MHz BW 11ax Index 0 - RU26 - Ch.48)



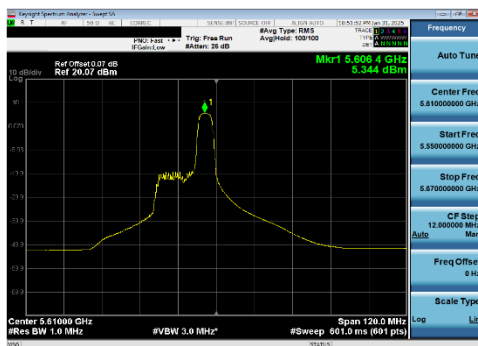
Plot 7-73. PSD CDD Antenna 1 (20MHz BW 11ax Index 0 - RU26 - Ch.48)



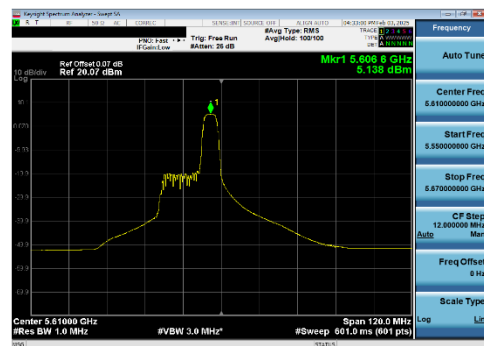
Plot 7-70. PSD CDD Antenna 0 (40MHz BW 11ax Index 17 - RU26 - Ch.46)



Plot 7-74. PSD CDD Antenna 1 (40MHz BW 11ax Index 17 - RU26 - Ch.46)



Plot 7-71. PSD CDD Antenna 0 (80MHz BW 11ax Index 44 - RU52 - Ch.122)



Plot 7-75. PSD CDD Antenna 1 (80MHz BW 11ax Index 44 - RU52 - Ch.122)

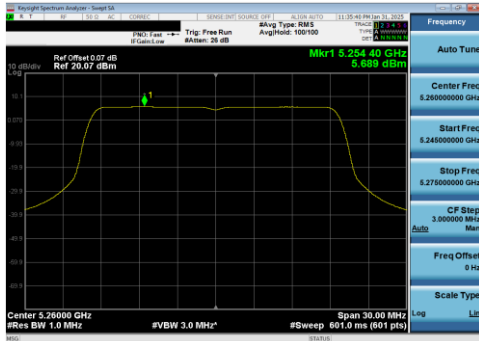


Plot 7-72. PSD CDD Antenna 0 (160MHz BW 11ax Index 52 - RU52 - Ch.50)

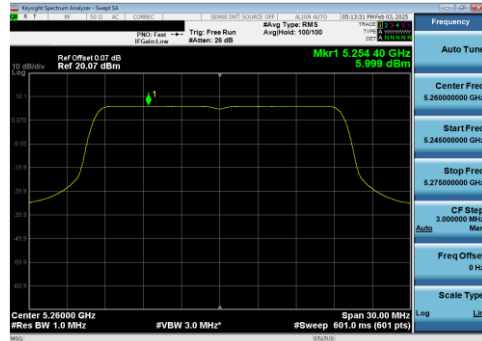


Plot 7-76. PSD CDD Antenna 1 (160MHz BW 11ax Index 52 - RU52 - Ch.50)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 198



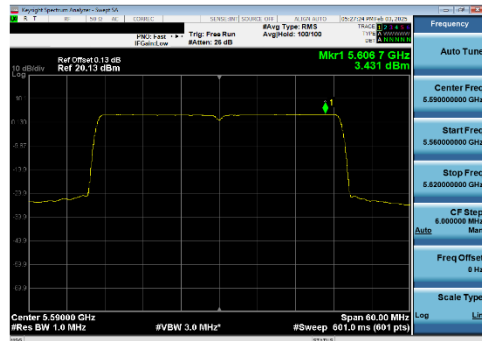
Plot 7-77. PSD CDD Antenna 0 (20MHz BW 11ax- RU242 - Ch.52)



Plot 7-81. PSD CDD Antenna 1 (20MHz BW 11ax- RU242 - Ch.52)



Plot 7-78. PSD CDD Antenna 0 (40MHz BW 11ax- RU484 - Ch.118)



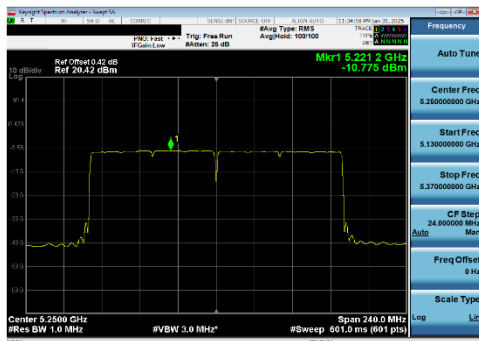
Plot 7-82. PSD CDD Antenna 1 (40MHz BW 11ax- RU484 - Ch.118)



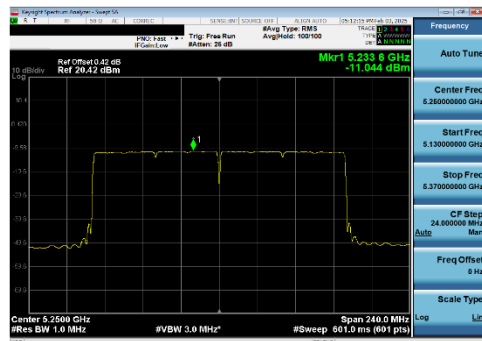
Plot 7-79. PSD CDD Antenna 0 (80MHz BW 11ax- RU996 - Ch.138)



Plot 7-83. PSD CDD Antenna 1 (80MHz BW 11ax- RU996 - Ch.138)



Plot 7-80. PSD CDD Antenna 0 (160MHz BW 11ax- RU996x2 - Ch.50)



Plot 7-84. PSD CDD Antenna 1 (160MHz BW 11ax- RU996x2 - Ch.50)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 198

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 0 Power Density [dBm/MHz]	Antenna 1 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	3.90	4.13	7.02	30.0	-22.98
					26	4	25/29.4 (MCS11)	3.82	4.01	6.93	30.0	-23.07
					26	8	25/29.4 (MCS11)	3.96	4.11	7.04	30.0	-22.96
	5785	157	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	4.16	4.11	7.15	30.0	-22.85
					26	4	25/29.4 (MCS11)	4.01	3.93	6.98	30.0	-23.02
					26	8	25/29.4 (MCS11)	4.26	3.71	7.00	30.0	-23.00
	5825	165	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	3.86	3.93	6.91	30.0	-23.09
					26	4	25/29.4 (MCS11)	4.32	3.87	7.11	30.0	-22.89
					26	8	25/29.4 (MCS11)	4.09	4.13	7.12	30.0	-22.88
	5755	151	ax (40MHz)	CDD	26	0	25/29.4 (MCS11)	3.97	4.29	7.14	30.0	-22.86
					26	8	25/29.4 (MCS11)	4.21	3.85	7.05	30.0	-22.95
					26	17	25/29.4 (MCS11)	3.88	3.76	6.83	30.0	-23.17
	5795	159	ax (40MHz)	CDD	26	0	25/29.4 (MCS11)	4.29	4.18	7.24	30.0	-22.76
					26	8	25/29.4 (MCS11)	3.94	3.82	6.89	30.0	-23.11
					26	17	25/29.4 (MCS11)	4.35	3.81	7.10	30.0	-22.90
	5775	155	ax (80MHz)	CDD	26	0	25/29.4 (MCS11)	4.03	4.23	7.14	30.0	-22.86
					26	18	25/29.4 (MCS11)	4.28	3.82	7.06	30.0	-22.94
					26	36	25/29.4 (MCS11)	4.01	3.78	6.90	30.0	-23.10

Table 7-123. Band 3 Power Spectral Density Measurements CDD (RU26)

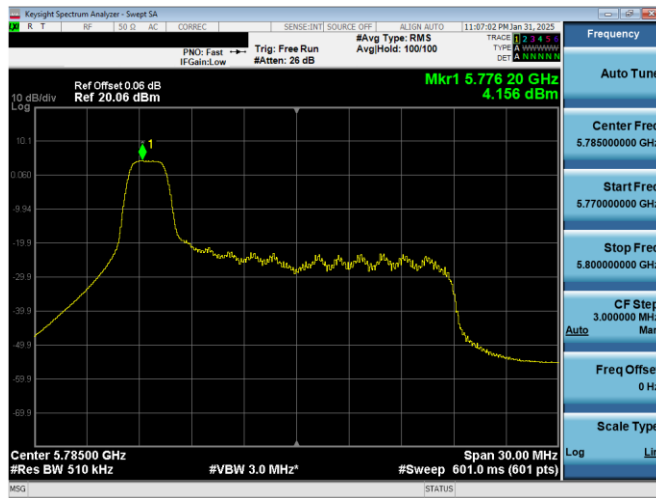
	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 0 Power Density [dBm/MHz]	Antenna 1 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	3.10	3.31	6.22	30.0	-23.78
	5785	157	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	3.31	2.71	6.03	30.0	-23.97
	5825	165	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	3.16	3.19	6.18	30.0	-23.82
	5755	151	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	0.22	0.09	3.16	30.0	-26.84
	5795	159	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	0.51	0.23	3.38	30.0	-26.62
	5775	155	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-6.95	-14.57	-6.26	30.0	-36.26

Table 7-124. Band 3 Power Spectral Density Measurements CDD (Fully-loaded RU)

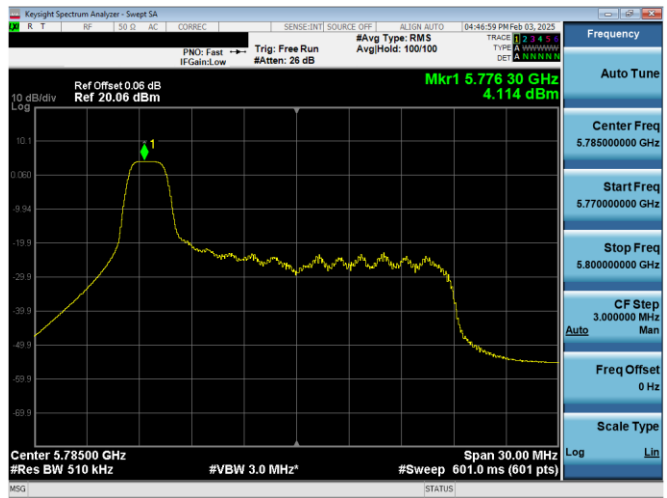
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 99 of 198

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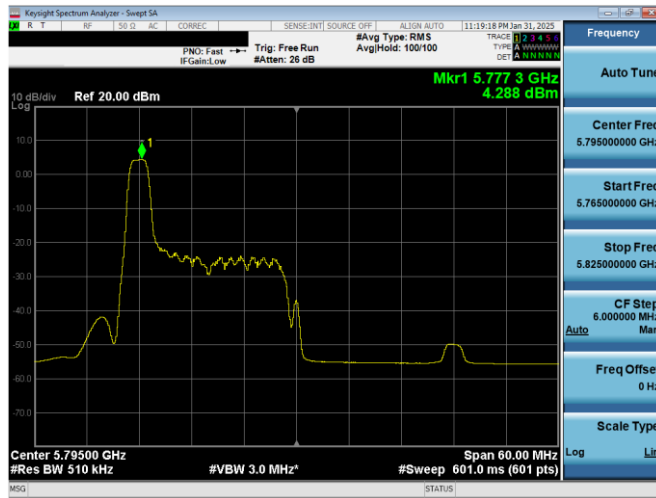
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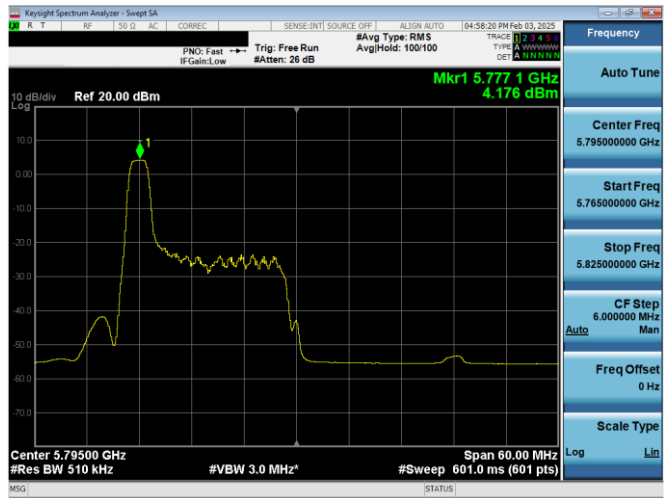
Plot 7-85. PSD CDD Antenna 0 (20MHz BW 11ax Index 0 - RU26 - Ch.157)



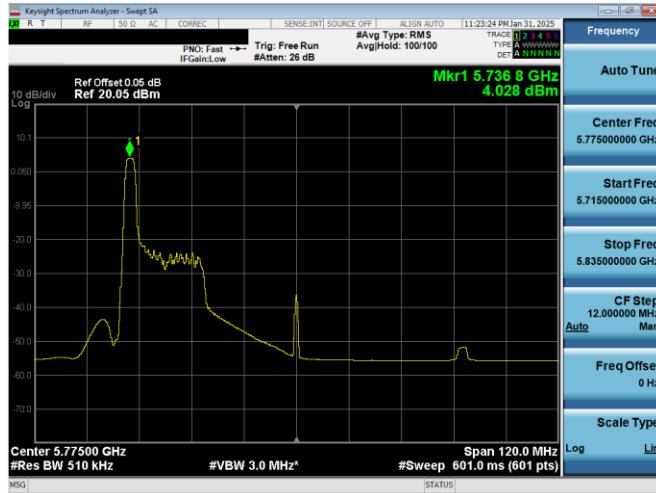
Plot 7-88. PSD CDD Antenna 1 (20MHz BW 11ax Index 0 - RU26 - Ch.157)



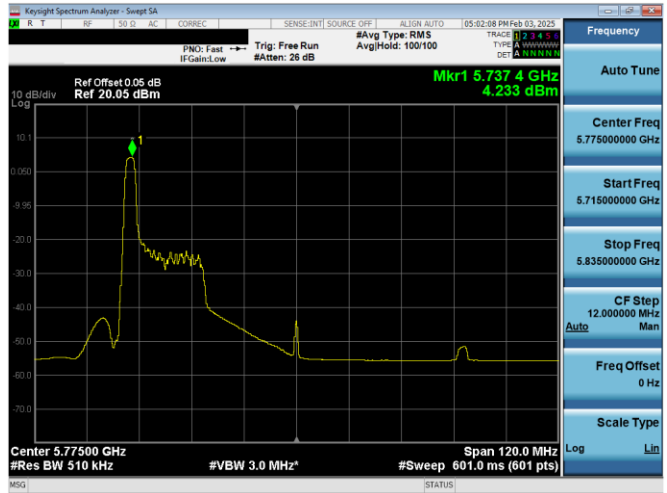
Plot 7-86. PSD CDD Antenna 0 (40MHz BW 11ax Index 0 - RU26 - Ch.159)



Plot 7-89. PSD CDD Antenna 1 (40MHz BW 11ax Index 0 - RU26 - Ch.159)

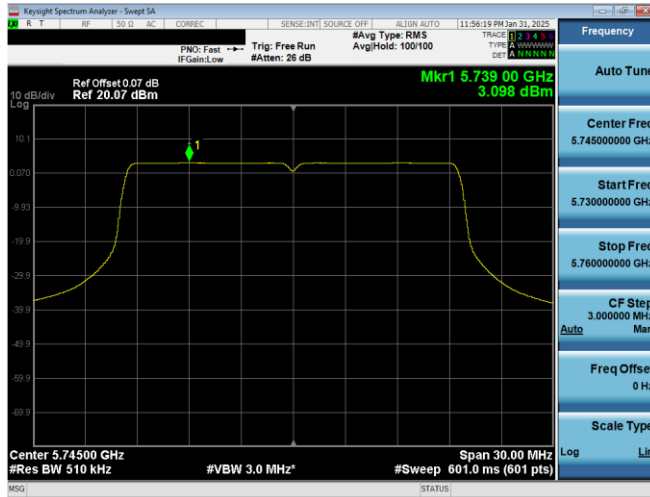


Plot 7-87. PSD CDD Antenna 0 (80MHz BW 11ax Index 0 - RU26 - Ch.155)

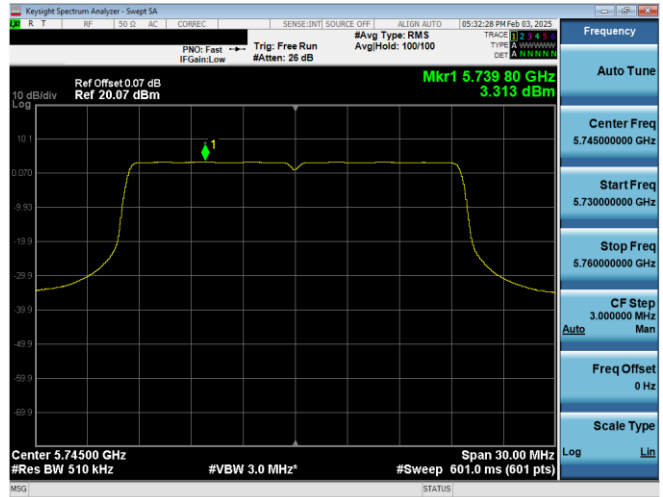


Plot 7-90. PSD CDD Antenna 1 (80MHz BW 11ax Index 0 - RU26 - Ch.155)

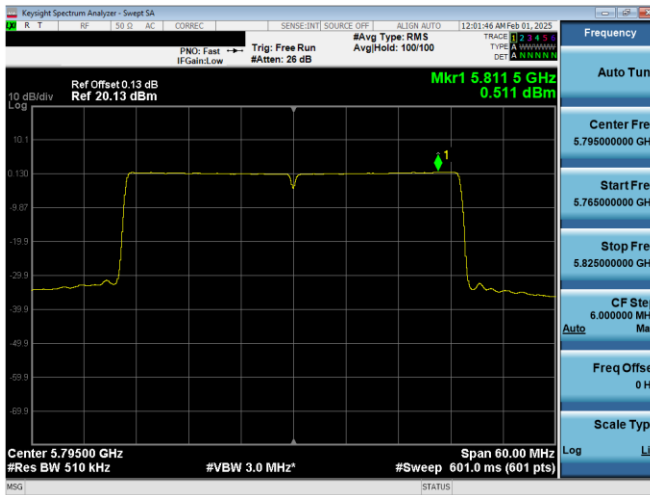
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 100 of 198	



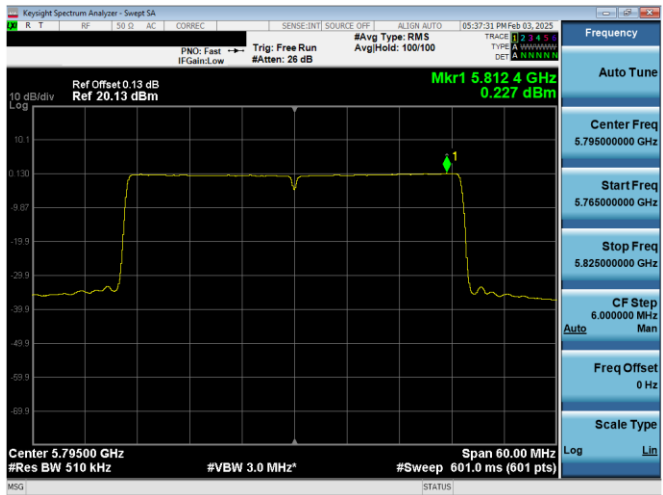
Plot 7-91. PSD CDD Antenna 0 (20MHz BW 11ax- RU242 - Ch.149)



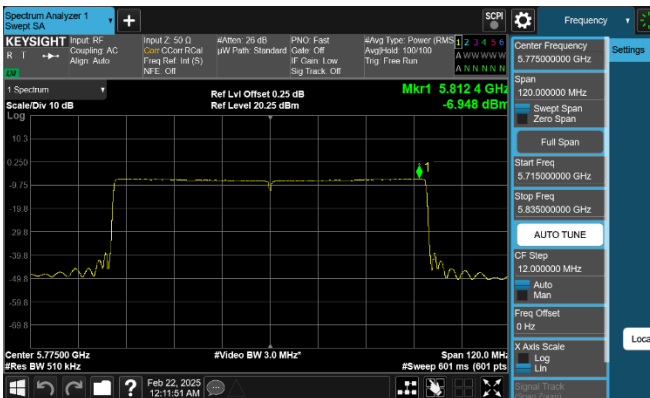
Plot 7-94. PSD CDD Antenna 1 (20MHz BW 11ax- RU242 - Ch.149)



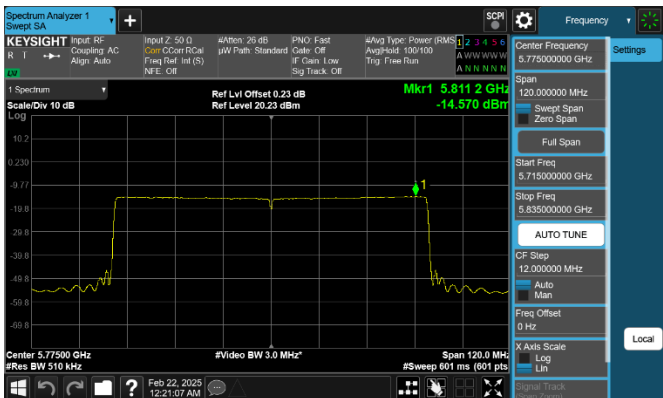
Plot 7-92. PSD CDD Antenna 0 (40MHz BW 11ax- RU484 - Ch.159)



Plot 7-95. PSD CDD Antenna 1 (40MHz BW 11ax- RU484 - Ch.159)



Plot 7-93. PSD CDD Antenna 0 (80MHz BW 11ax- RU996 - Ch.155)



Plot 7-96. PSD CDD Antenna 1 (80MHz BW 11ax- RU996 - Ch.155)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 101 of 198

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	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 0 Power Density [dBm/MHz]	Antenna 1 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directioinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	SDM	26	0	25/29.4 (MCS11)	2.82	2.88	5.86	1.23	7.09	10.0	-2.91
					26	4	25/29.4 (MCS11)	1.78	1.92	4.86	1.23	6.10	10.0	-3.90
					26	8	25/29.4 (MCS11)	2.87	3.18	6.04	1.23	7.27	10.0	-2.73
	5200	40	ax (20MHz)	SDM	26	0	25/29.4 (MCS11)	2.78	2.98	5.89	1.23	7.13	10.0	-2.87
					26	4	25/29.4 (MCS11)	1.66	2.05	4.87	1.23	6.10	10.0	-3.90
					26	8	25/29.4 (MCS11)	2.80	2.69	5.75	1.23	6.99	10.0	-3.01
	5240	48	ax (20MHz)	SDM	26	0	25/29.4 (MCS11)	2.60	2.96	5.79	1.23	7.03	10.0	-2.97
					26	4	25/29.4 (MCS11)	1.49	1.90	4.71	1.23	5.94	10.0	-4.06
					26	8	25/29.4 (MCS11)	2.60	3.11	5.87	1.23	7.11	10.0	-2.89
	5190	38	ax (40MHz)	SDM	26	0	25/29.4 (MCS11)	2.84	2.94	5.90	1.23	7.13	10.0	-2.87
					26	8	25/29.4 (MCS11)	2.47	2.87	5.69	1.23	6.92	10.0	-3.08
					26	17	25/29.4 (MCS11)	2.31	2.76	5.55	1.23	6.79	10.0	-3.21
	5230	46	ax (40MHz)	SDM	26	0	25/29.4 (MCS11)	2.50	2.93	5.73	1.23	6.96	10.0	-3.04
					26	8	25/29.4 (MCS11)	2.69	3.14	5.93	1.23	7.16	10.0	-2.84
					26	17	25/29.4 (MCS11)	2.73	3.22	5.99	1.23	7.23	10.0	-2.77
	5210	42	ax (80MHz)	SDM	26	0	25/29.4 (MCS11)	2.68	2.80	5.75	1.23	6.99	10.0	-3.01
					26	18	25/29.4 (MCS11)	1.51	1.90	4.72	1.23	5.95	10.0	-4.05
					26	36	25/29.4 (MCS11)	2.31	2.71	5.52	1.23	6.76	10.0	-3.24

Table 7-125. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM (RU26)

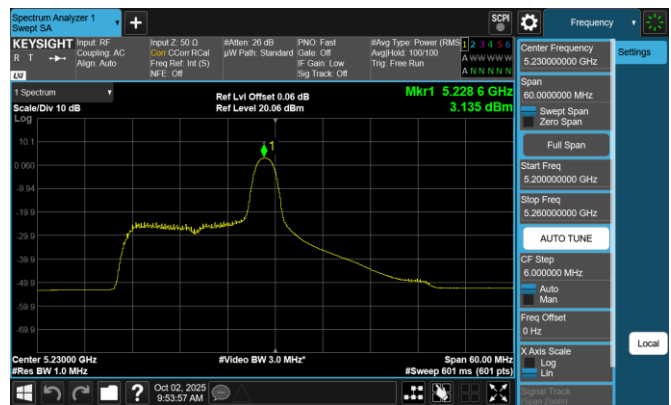
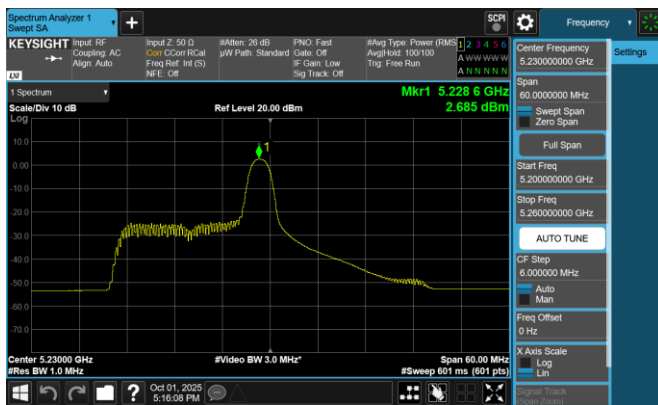
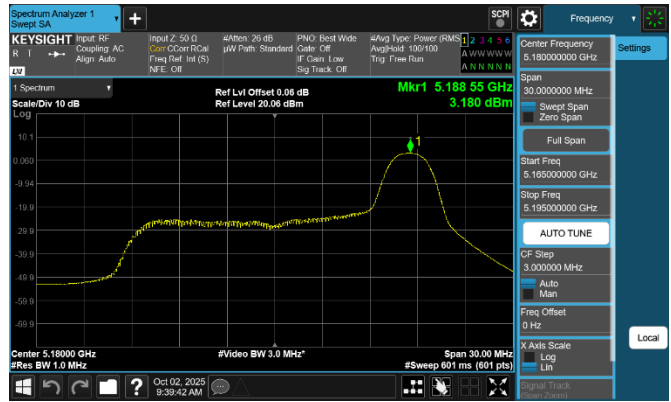
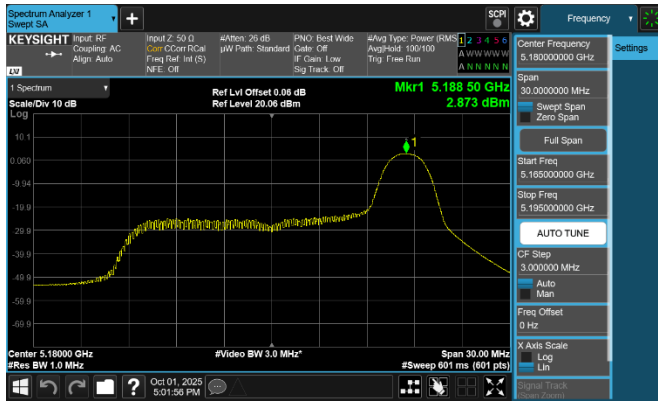
	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Core 0 Power Density [dBm/MHz]	Core 1 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directioinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	SDM	242	61	243.8/286.8 (MCS11)	2.23	2.56	5.40	1.23	6.64	10.0	-3.36
	5200	40	ax (20MHz)	SDM	242	61	243.8/286.8 (MCS11)	2.66	3.18	5.94	1.23	7.17	10.0	-2.83
	5240	48	ax (20MHz)	SDM	242	61	243.8/286.8 (MCS11)	2.45	3.01	5.75	1.23	6.98	10.0	-3.02
	5190	38	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-3.64	-3.21	-0.41	4.22	3.82	10.0	-6.18
	5230	46	ax (40MHz)	SDM	484	65	487.5/573.5 (MCS11)	1.80	2.27	5.05	1.23	6.29	10.0	-3.71
	5210	42	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-8.41	-8.24	-5.32	4.22	-1.09	10.0	-11.09

Table 7-126. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM (Fully-loaded RU)

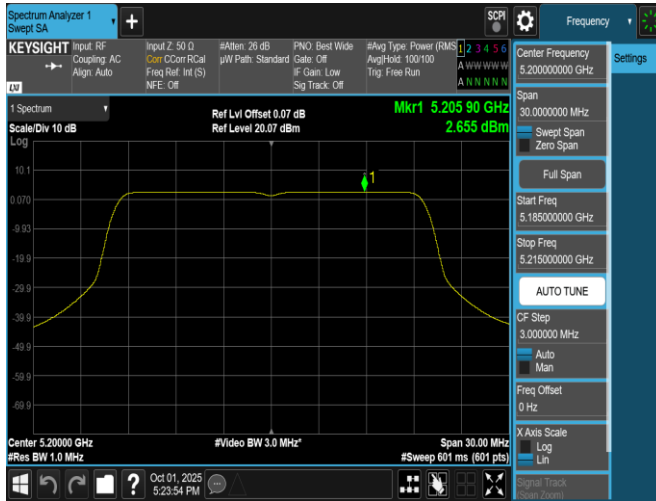
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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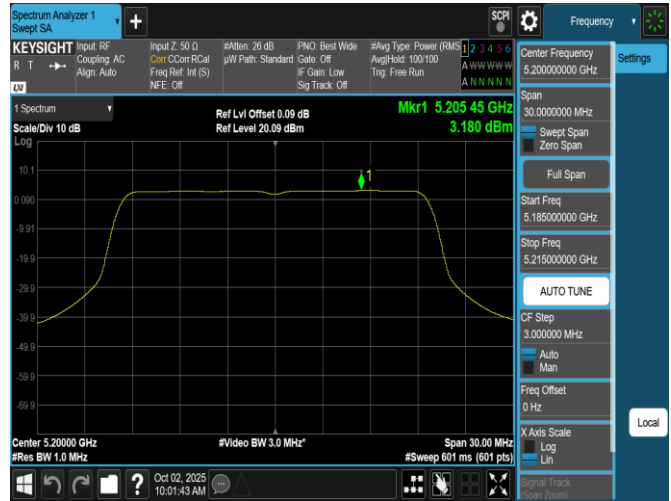
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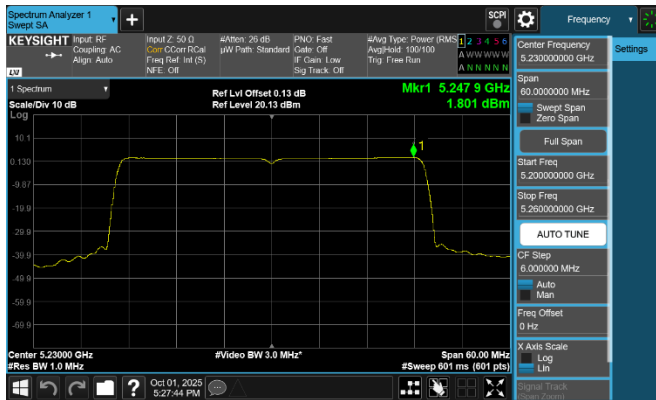
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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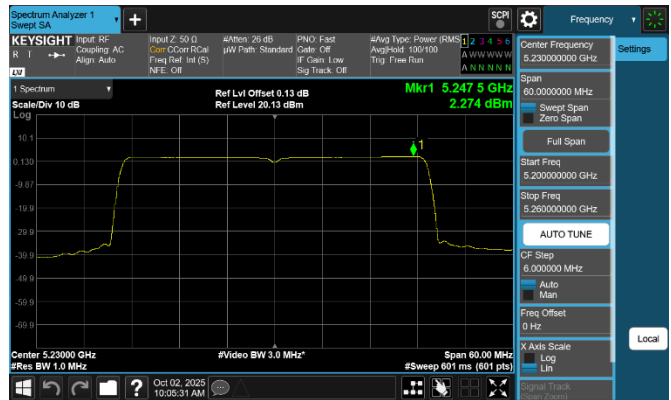
Plot 7-103. ISED PSD SDM Antenna 0 (20MHz BW 11ax- RU242 - Ch.40)



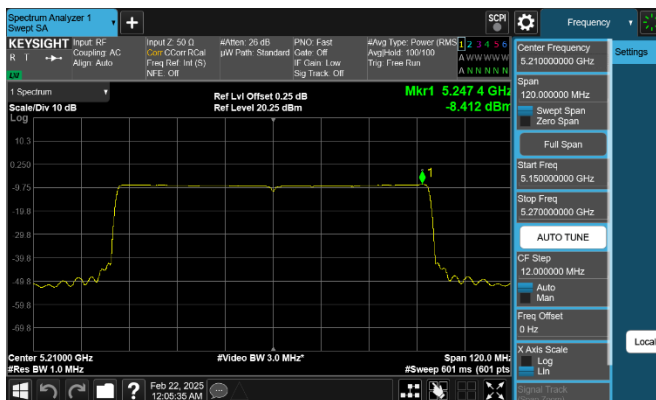
Plot 7-106. ISED PSD SDM Antenna 1 (20MHz BW 11ax- RU242 - Ch.40)



Plot 7-104. ISED PSD SDM Antenna 0 (40MHz BW 11ax- RU484 - Ch.46)



Plot 7-107. ISED PSD SDM Antenna 1 (40MHz BW 11ax- RU484 - Ch.46)



Plot 7-105. ISED PSD SDM Antenna 0 (80MHz BW 11ax- RU996 - Ch.42)



Plot 7-108. ISED PSD SDM Antenna 1 (80MHz BW 11ax- RU996 - Ch.42)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Note:

Per ANSI C63.10-2013 Subclause 14.3.2.2 and KDB 662911 v02r01 Section E)2), the power spectral density at Antenna 0 and Antenna 1 were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Sample Directional Gain Calculation:

For correlated signals, assuming the antenna gain is 0.8 dBi for Antenna 0 and 2.0 dBi for Antenna 1.

$$\begin{aligned} \text{Directional gain} &= 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{0.8/20} + 10^{2.0/20} / 2] \text{ dBi} \\ &= 4.43 \text{ dBi} \end{aligned}$$

For uncorrelated signals, assuming the antenna gain is 0.8 dBi for Antenna 0 and 2.0 dBi for Antenna 1.

$$\begin{aligned} \text{Directional gain} &= 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{0.8/10} + 10^{2.0/10} / 2] \text{ dBi} \\ &= 1.44 \text{ dBi} \end{aligned}$$

Sample CDD/SDM Calculation:

Assuming the average conducted power spectral density was measured to be 2.82 dBm for Antenna 0 and 2.88 dBm for Antenna 1.

$$\text{Antenna 0} + \text{Antenna 1} = \text{CDD/SDM}$$

$$(2.82 \text{ dBm} + 2.88 \text{ dBm}) = (1.914 \text{ mW} + 1.941 \text{ mW}) = 3.855 \text{ mW} = 5.86 \text{ dBm}$$

Sample e.i.r.p Power Spectral Density Calculation:

Assuming the average CDD/SDM power density was calculated to be 5.86 dBm with directional gain of 1.23 dBi.

$$\text{e.i.r.p. Power Spectral Density(dBm)} = \text{Power Spectral Density (dBm)} + \text{directional gain (dBi)}$$

$$5.86 \text{ dBm} + 1.23 \text{ dBi} = 7.09 \text{ dBm}$$

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7.6 Radiated Spurious Emission – Above 1GHz

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna 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. All channels, modes (e.g. RU26, 52 Tones, RU106, RU242, RU484, RU996 and RU996x2), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.15-5.25 GHz and 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 6 of RSS-Gen (7.5) must not exceed the limits shown in Table 7-127 per Section 15.209 and RSS-Gen (7.4.3).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-127. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 – Subclauses 12.7.7, 12.7.6
KDB 789033 D02 v02r01 – Section G

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Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span}/\text{RBW}$)
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Test Setup

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

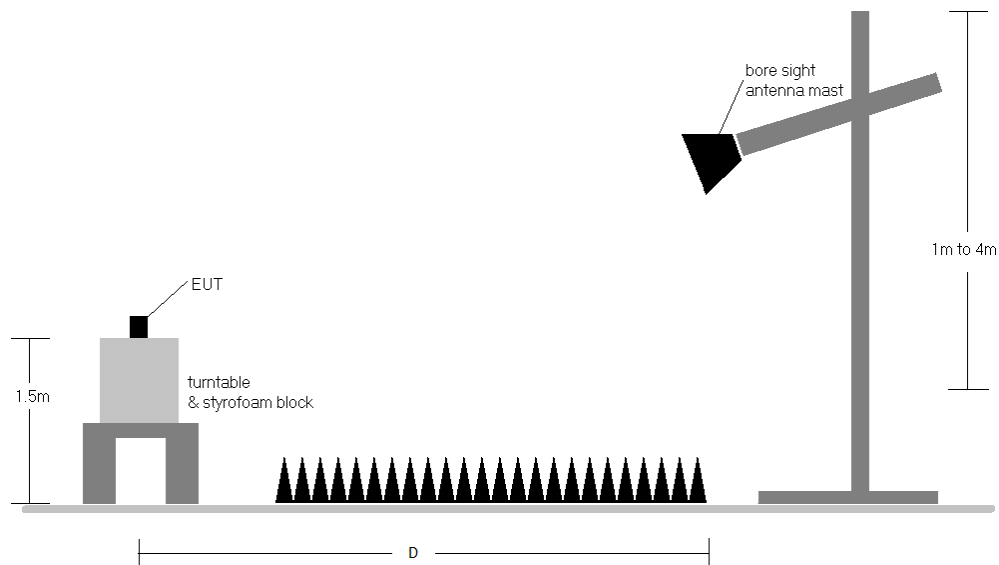


Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 7.5 of RSS-Gen are below the limit shown in Table 7-127.
2. All spurious emissions lying in restricted bands specified in §15.205 and Section 7.5 of RSS-Gen are below the limit shown in Table 7-127. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested while powered by an AC/DC Adapter via USB-C Cable.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.
10. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $_{[dB\mu V/m]} = \text{Analyzer Level }_{[dBm]} + 107 + \text{AFCL }_{[dB/m]}$
- $\text{AFCL }_{[dB/m]} = \text{Antenna Factor }_{[dB/m]} + \text{Cable Loss }_{[dB]} - \text{Preamplifier Gain }_{[dB]}$
- $\text{Margin }_{[dB]} = \text{Field Strength Level }_{[dB\mu V/m]} - \text{Limit }_{[dB\mu V/m]}$

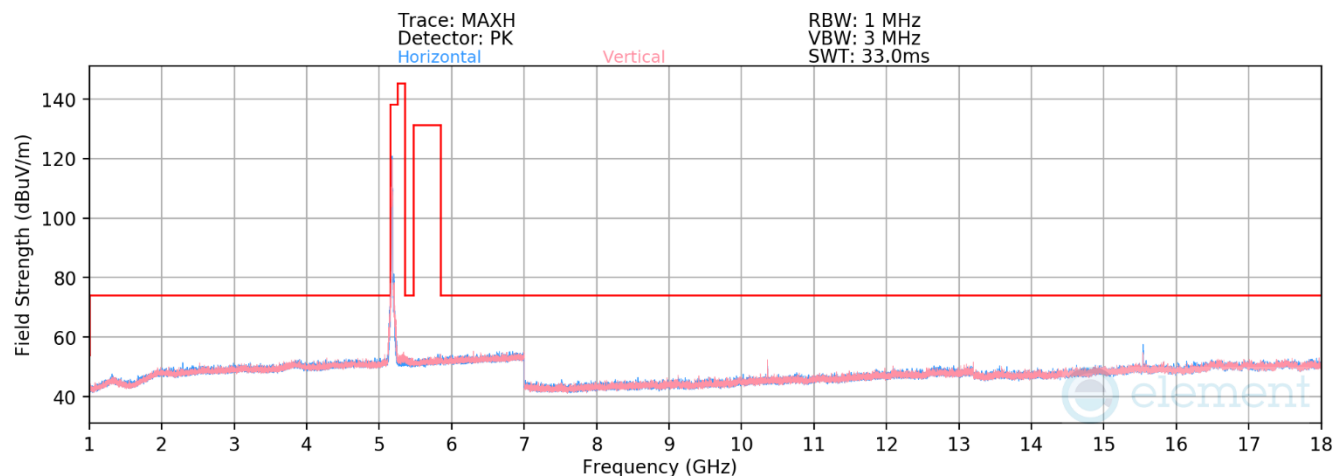
Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.6.2 to 7.6.13 was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

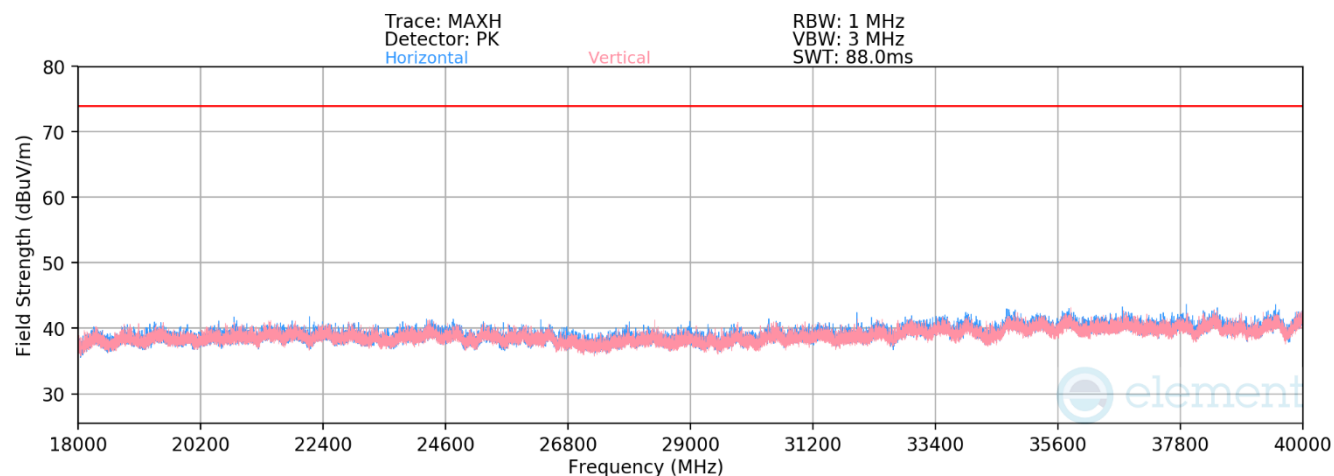
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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7.6.1 CDD Radiated Spurious Emissions RU26/52



Plot 7-109. RSE above 1GHz CDD (11ax - Ch.36 - RU26)



Plot 7-110. RSE 18GHz - 40 GHz CDD (11ax Ch.36 - RU26)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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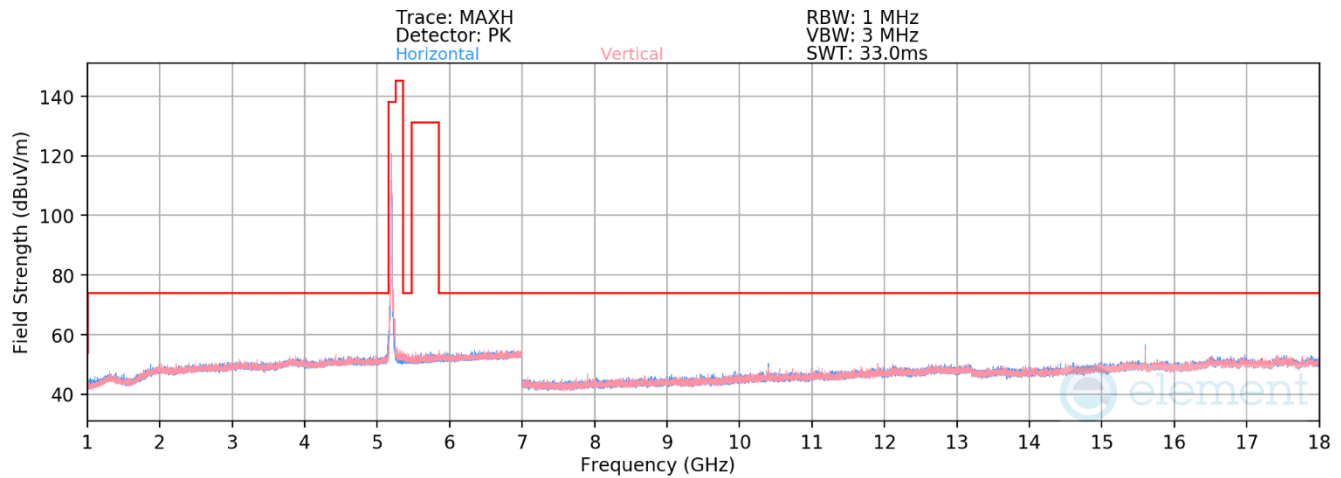
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	H	235	2	-61.86	8.46	0.00	53.60	68.23	-14.63
* 15540.00	Average	V	184	330	-73.24	14.12	0.00	47.88	53.98	-6.10
* 15540.00	Peak	V	184	330	-60.27	14.12	0.00	60.85	73.98	-13.13
* 20720.00	Average	H	319	194	-58.00	-5.96	-9.54	33.50	53.98	-20.48
* 20720.00	Peak	H	319	194	-45.58	-5.96	-9.54	45.92	73.98	-28.06
25900.00	Peak	H	319	360	-50.92	-5.44	-9.54	41.10	68.23	-27.13
31080.00	Peak	H	319	360	-51.51	-4.09	-9.54	41.87	68.23	-26.36

Table 7-128. Radiated Measurements CDD (RU26)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Plot 7-111. RSE above 1GHz CDD (11ax – Ch.40 – RU26)

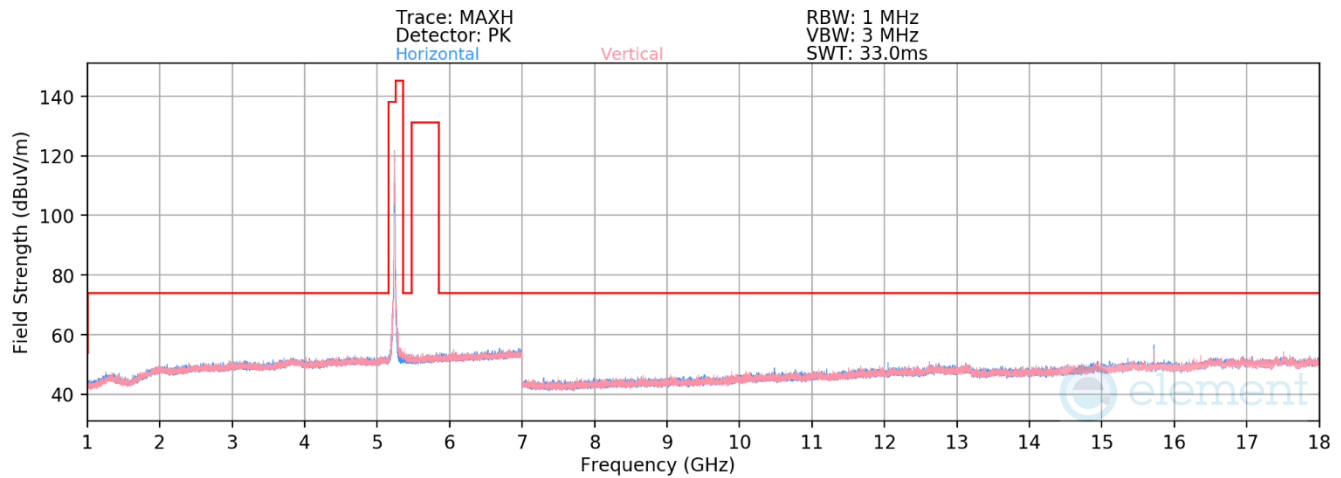
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
	10400.00	Peak	H	220	362	-63.06	8.49	52.44	68.23	-15.79
*	15600.00	Average	V	308	333	-75.81	14.17	45.37	53.98	-8.61
*	15600.00	Peak	V	308	333	-63.03	14.17	58.14	73.98	-15.84

Table 7-129. Radiated Measurements CDD (RU26)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Plot 7-112. RSE above 1GHz CDD (11ax – Ch.48 – RU26)

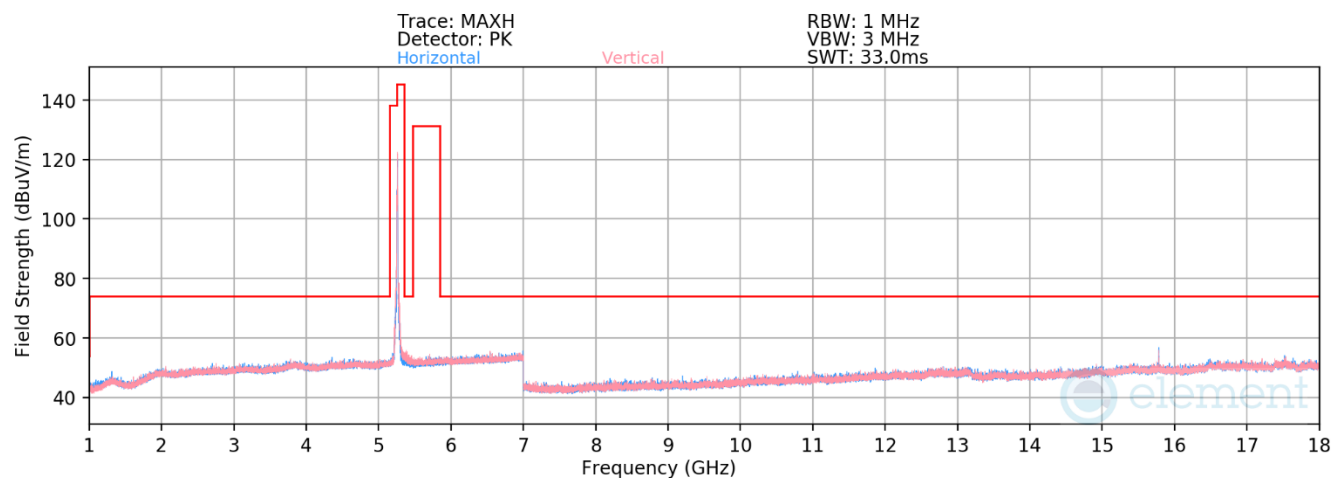
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	H	223	3	-64.20	8.82	51.62	68.23	-16.61
* 15720.00	Average	V	176	328	-73.97	13.52	46.55	53.98	-7.43
* 15720.00	Peak	V	176	328	-61.15	13.44	59.30	73.98	-14.68

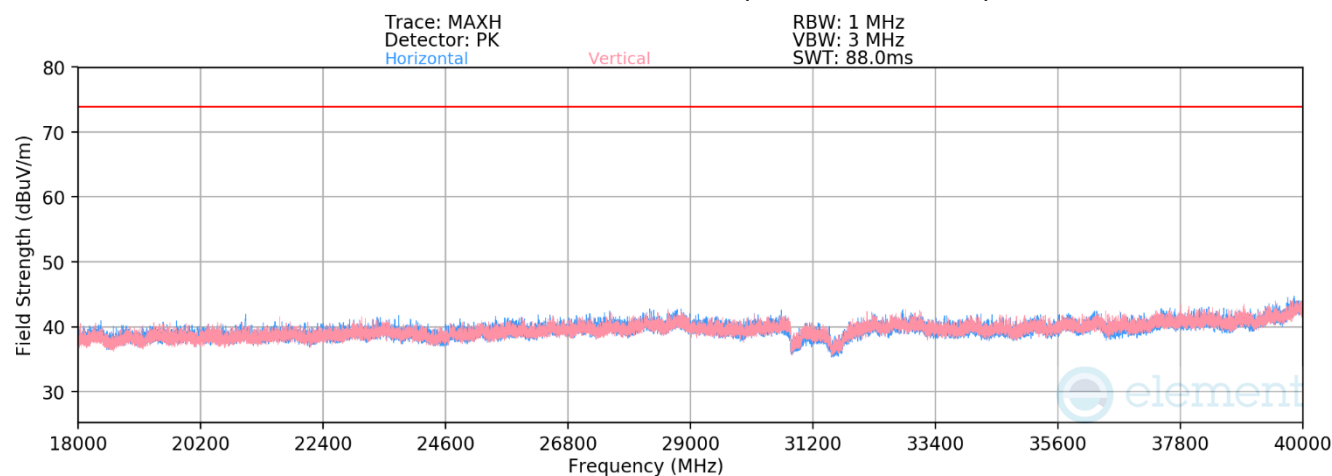
Table 7-130. Radiated Measurements CDD (RU26)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Plot 7-113. RSE above 1GHz CDD (11ax – Ch.52 – RU52)



Plot 7-114. RSE 18GHz – 40 GHz CDD (11ax Ch.52 — RU52)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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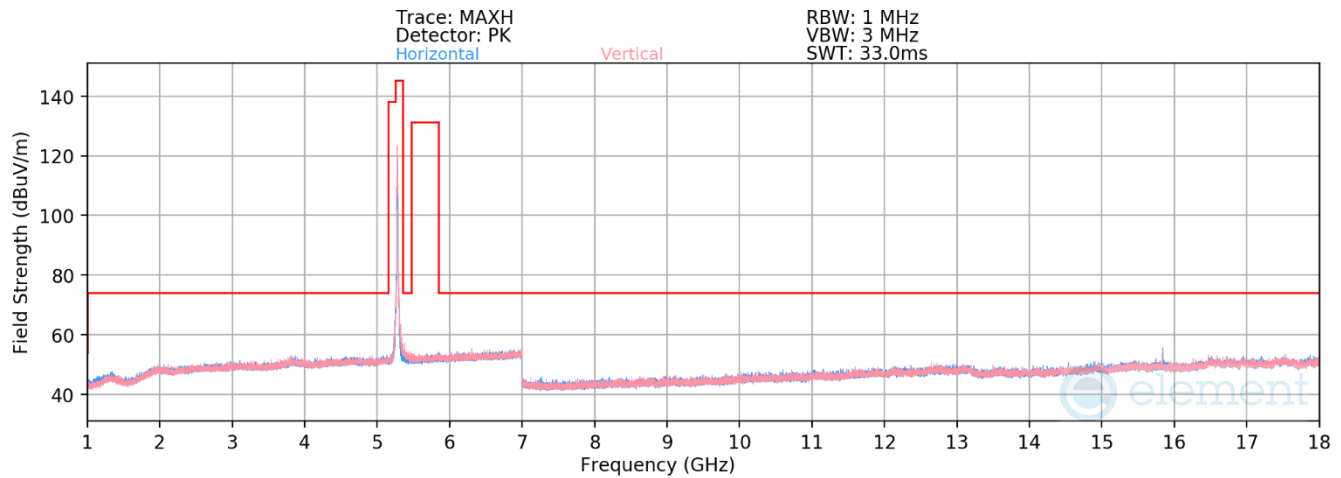
Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 39
 Distance of Measurements: 3 Meters
 Operating Frequency: 5260MHz
 Channel: 52

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	210	5	-64.62	8.67	0.00	51.05	68.23	-17.18
* 15780.00	Average	H	130	34	-72.65	13.36	0.00	47.71	53.98	-6.27
* 15780.00	Peak	H	130	34	-58.73	13.36	0.00	61.63	73.98	-12.35
* 21040.00	Average	V	-7	360	-60.72	-6.35	-9.54	30.39	53.98	-23.59
* 21040.00	Peak	V	-7	360	-47.95	-6.35	-9.54	43.16	73.98	-30.82
26300.00	Peak	V	-	-	-50.71	-5.24	-9.54	41.51	68.23	-26.72

Table 7-131. Radiated Measurements CDD (RU52)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Plot 7-115. RSE above 1GHz CDD (11ax – Ch.56 – RU52)

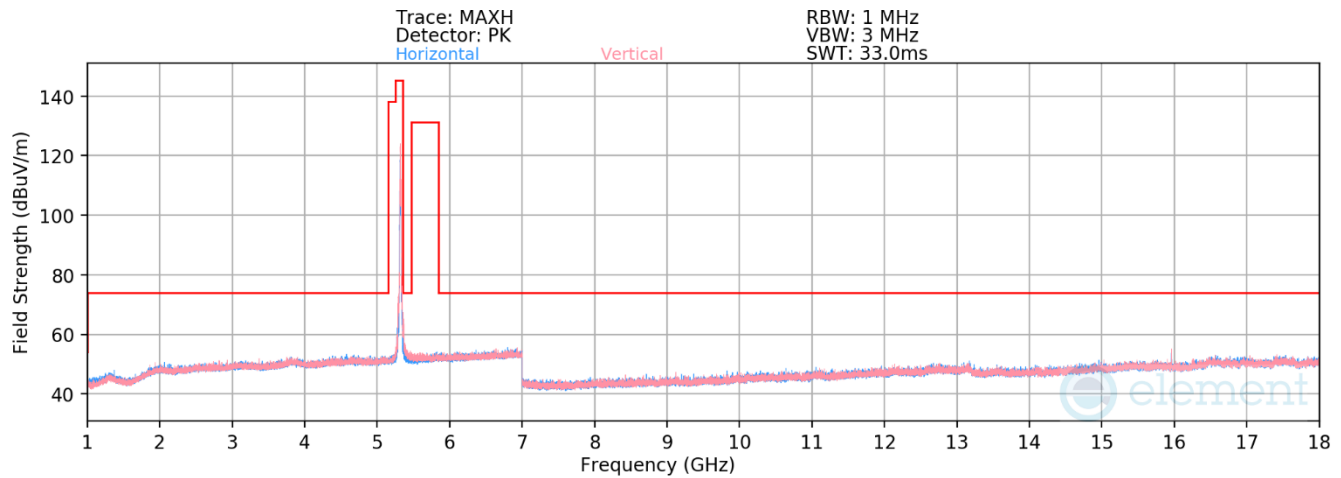
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 39
Distance of Measurements: 3 Meters
Operating Frequency: 5280MHz
Channel: 56

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
	10560.00	Peak	H	204	3	-65.25	8.72	50.47	68.23	-17.76
*	15840.00	Average	H	354	57	-75.22	13.45	45.23	53.98	-8.75
*	15840.00	Peak	H	354	57	-62.90	13.47	57.57	73.98	-16.41

Table 7-132. Radiated Measurements CDD (RU52)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 116 of 198

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Plot 7-116. RSE above 1GHz CDD (11ax – Ch.64 – RU52)

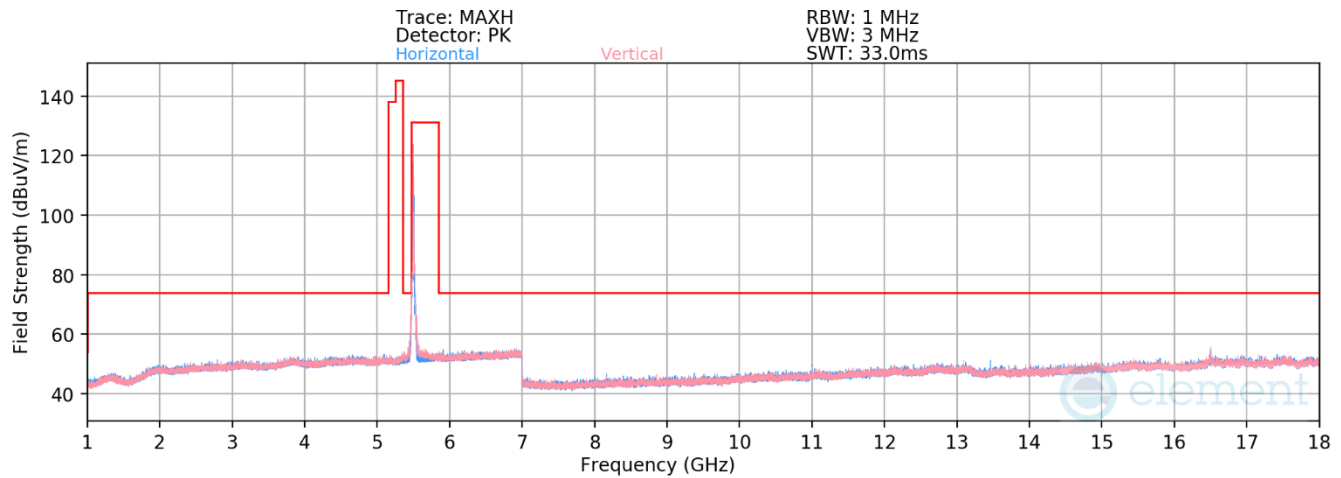
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 39
Distance of Measurements: 3 Meters
Operating Frequency: 5320MHz
Channel: 64

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
*	10640.00	Average	H	197	5	-76.70	8.79	39.10	53.98	-14.88
*	10640.00	Peak	H	197	5	-65.45	8.80	50.35	73.98	-23.63
*	15960.00	Average	V	227	42	-75.69	13.35	44.65	53.98	-9.33
*	15960.00	Peak	V	227	42	-62.20	13.35	58.15	73.98	-15.83

Table 7-133. Radiated Measurements CDD (RU52)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 117 of 198

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Plot 7-117. RSE above 1GHz CDD (11ax – Ch.100 – RU52)

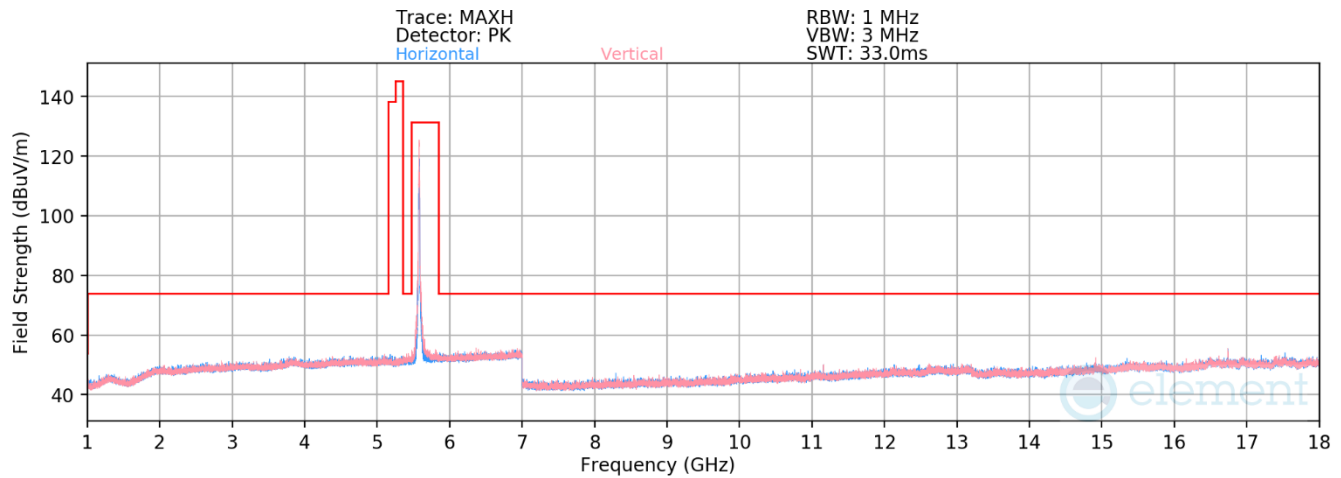
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 39
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
*	11000.00	Average	H	221	323	-77.32	9.12	38.80	53.98	-15.18
*	11000.00	Peak	H	221	323	-66.65	9.12	49.48	73.98	-24.50
	16500.00	Peak	H	226	46	-62.41	15.47	60.06	68.23	-8.17

Table 7-134. Radiated Measurements CDD (RU52)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 118 of 198

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Plot 7-118. RSE above 1GHz CDD (11ax – Ch.116 – RU52)

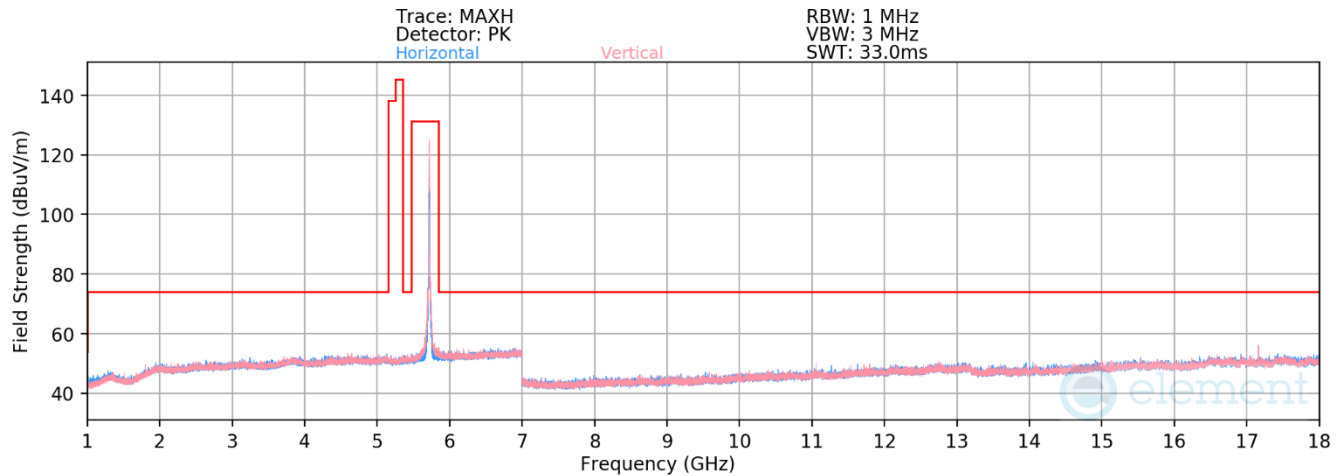
Mode: 802.11ax (20MHz BW)
Data Rate: MCS11
RU Index: 39
Distance of Measurements: 3 Meters
Operating Frequency: 5580MHz
Channel: 116

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
*	11160.00	Average	V	235	44	-71.36	9.05	44.69	53.98	-9.29
*	11160.00	Peak	V	235	44	-62.59	9.05	53.46	73.98	-20.52
	16740.00	Peak	H	268	312	-61.00	15.12	61.12	68.23	-7.11

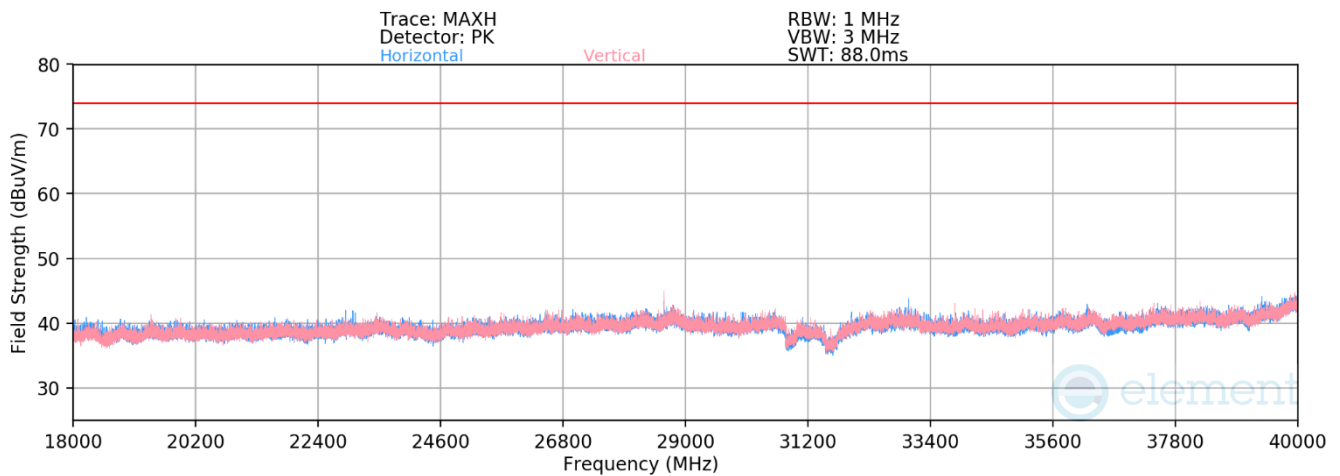
Table 7-135. Radiated Measurements CDD (RU52)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 119 of 198

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Plot 7-119. RSE above 1GHz CDD (11ax – Ch.144 – RU52)



Plot 7-120. RSE 18GHz – 40 GHz CDD (11ax Ch.144 — RU52)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 120 of 198

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Mode: 802.11ax (20MHz BW)
 Data Rate: MCS11
 RU Index: 39
 Distance of Measurements: 3 Meters
 Operating Frequency: 5720MHz
 Channel: 144

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	V	118	24	-75.46	9.41	0.00	40.95	53.98	-13.03
* 11440.00	Peak	V	118	24	-65.81	9.41	0.00	50.60	73.98	-23.38
17160.00	Peak	H	249	301	-61.26	16.13	0.00	61.86	68.23	-6.37
* 22880.00	Average	H	-	-	-61.52	-5.73	-9.54	30.22	53.98	-23.76
* 22880.00	Peak	H	-	-	-50.16	-5.73	-9.54	41.57	73.98	-32.41
28600.00	Peak	H	364	342	-48.09	-3.48	-9.54	45.89	68.23	-22.34

Table 7-136. Radiated Measurements CDD (RU52)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2026	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-07-R3.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 121 of 198

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