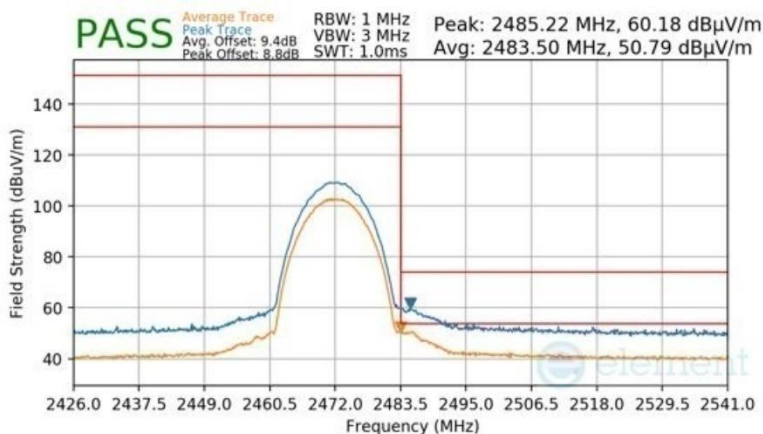
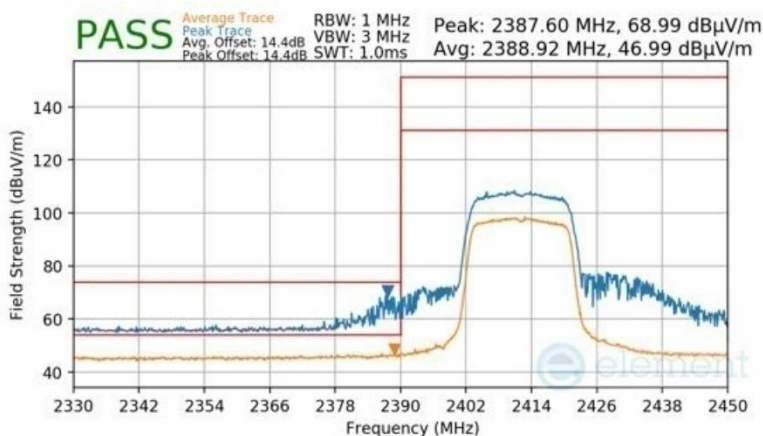


Mode	802.11b
Data Rate	11Mbps
Distance of Measurement	3 Meters
Operating Frequency	2472MHz
Channel	13



Plot 7-248 Radiated Restricted Upper Band Edge Measurement Antenna 1

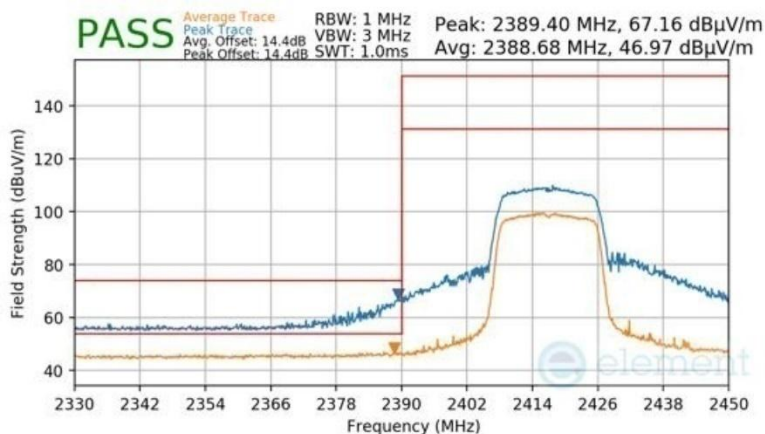
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



Plot 7-249 Radiated Restricted Lower Band Edge Measurement Antenna 1

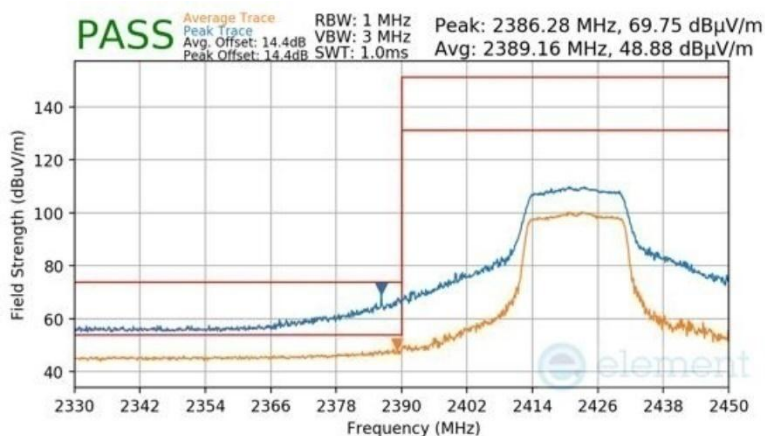
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 186 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



Plot 7-250 Radiated Restricted Lower Band Edge Measurement Antenna 1

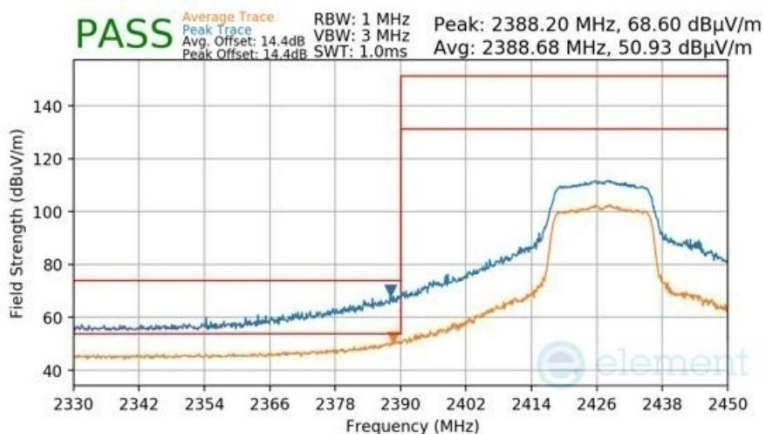
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2422MHz
Channel	3



Plot 7-251 Radiated Restricted Lower Band Edge Measurement Antenna 1

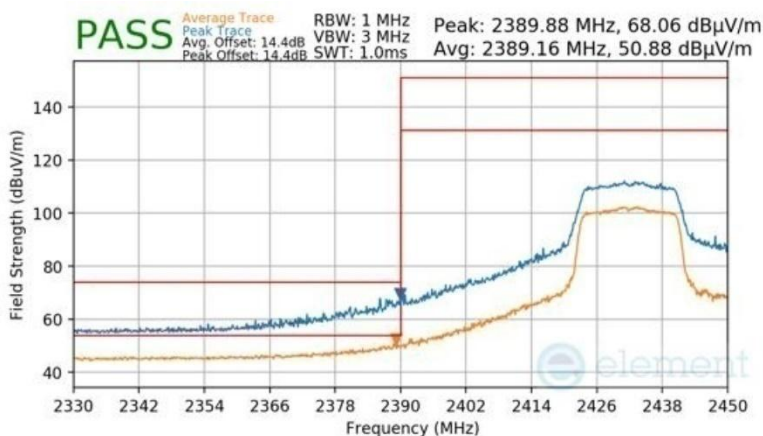
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 187 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2427MHz
Channel	4



Plot 7-252 Radiated Restricted Lower Band Edge Measurement Antenna 1

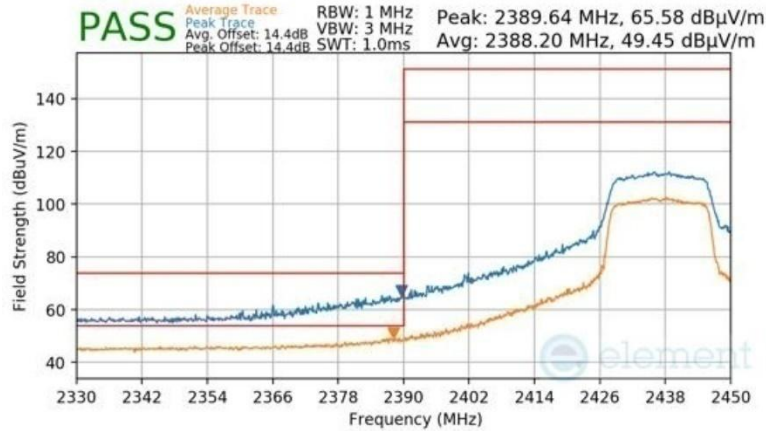
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2432MHz
Channel	5



Plot 7-253 Radiated Restricted Lower Band Edge Measurement Antenna 1

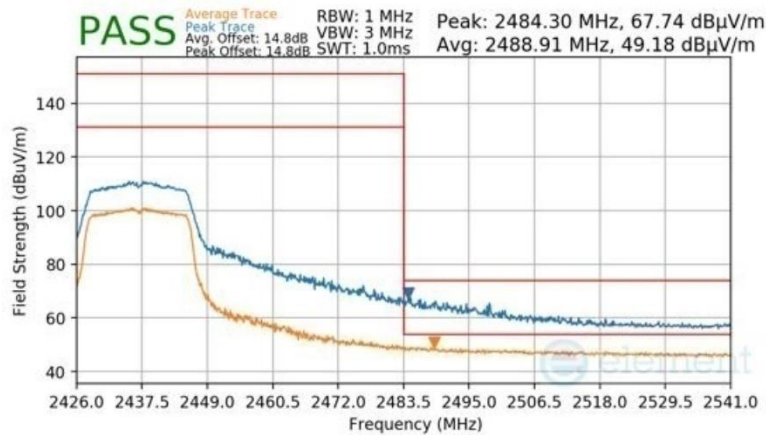
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 188 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-254 Radiated Restricted Lower Band Edge Measurement Antenna 1

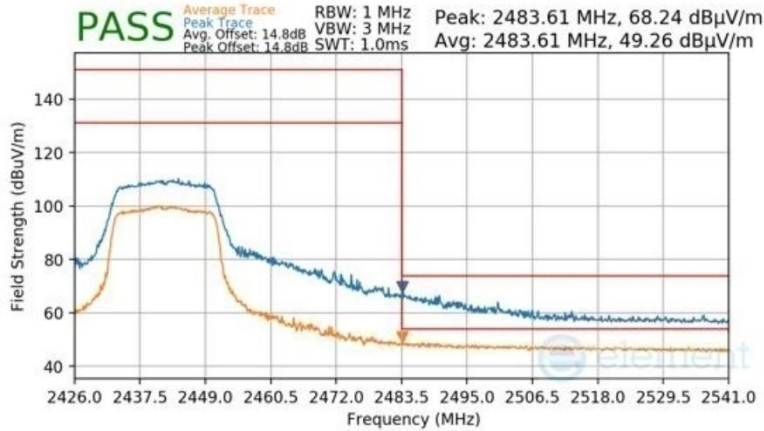
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-255 Radiated Restricted Upper Band Edge Measurement Antenna 1

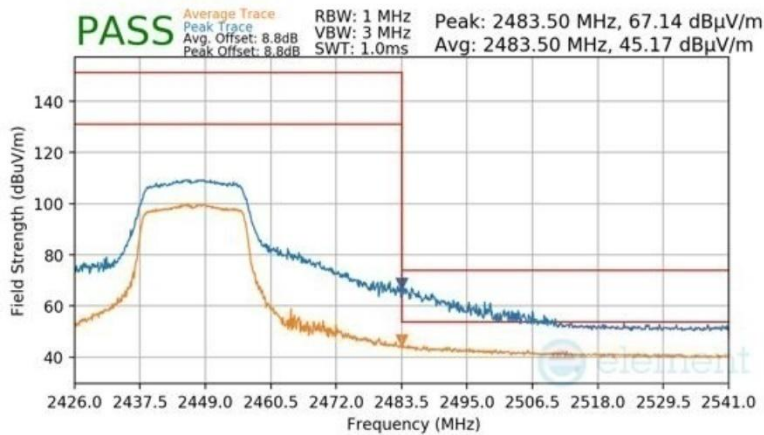
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 189 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



Plot 7-256 Radiated Restricted Upper Band Edge Measurement Antenna 1

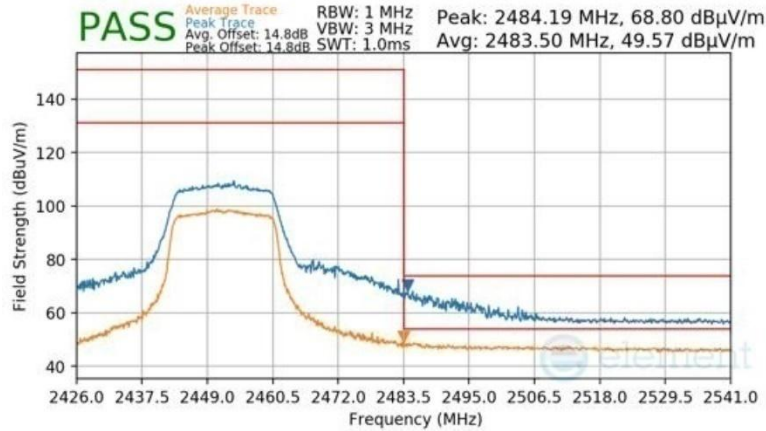
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



Plot 7-257 Radiated Restricted Upper Band Edge Measurement Antenna 1

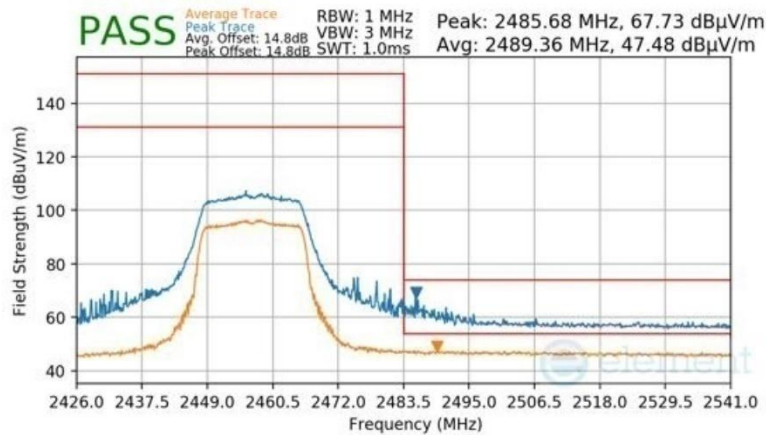
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 190 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



Plot 7-258 Radiated Restricted Upper Band Edge Measurement Antenna 1

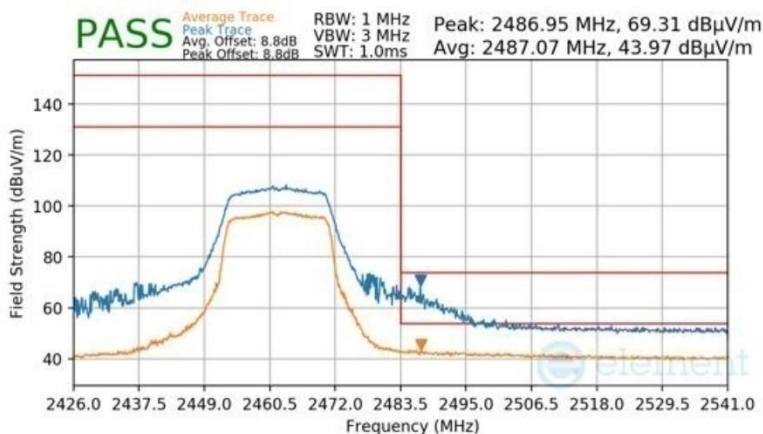
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2457MHz
Channel	10



Plot 7-259 Radiated Restricted Upper Band Edge Measurement Antenna 1

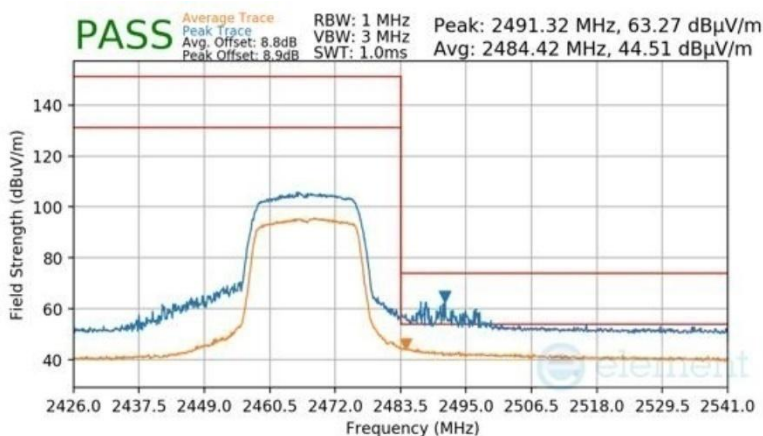
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 191 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2462MHz
Channel	11



Plot 7-260 Radiated Restricted Upper Band Edge Measurement Antenna 1

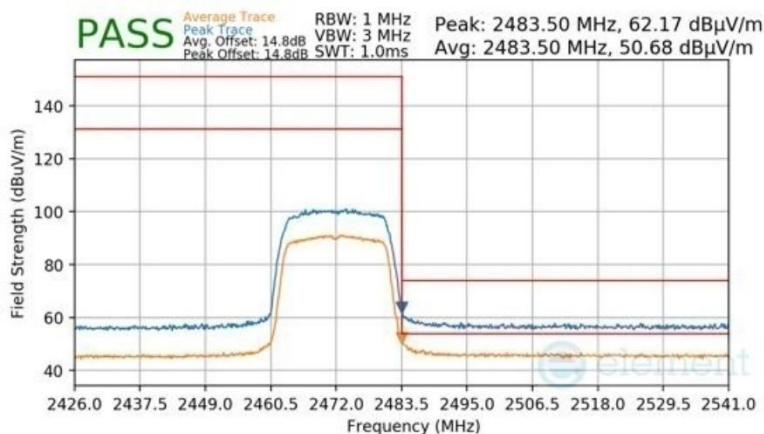
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2467MHz
Channel	12



Plot 7-261 Radiated Restricted Upper Band Edge Measurement Antenna 1

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 192 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2472MHz
Channel	13



Plot 7-262 Radiated Restricted Upper Band Edge Measurement Antenna 1

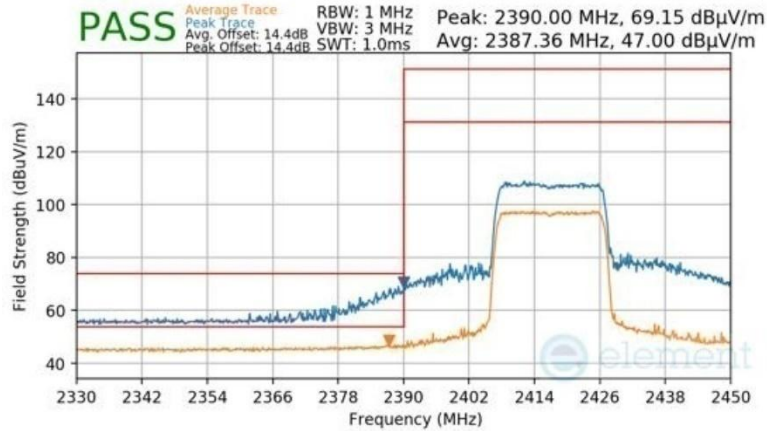
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



Plot 7-263 Radiated Restricted Lower Band Edge Measurement Antenna 1

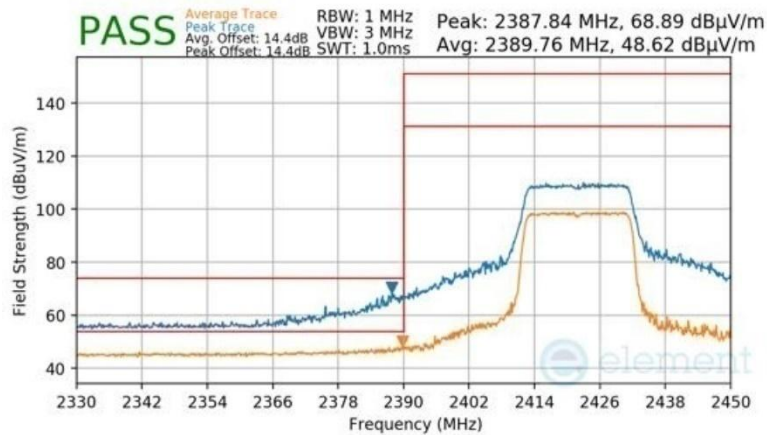
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 193 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



Plot 7-264 Radiated Restricted Lower Band Edge Measurement Antenna 1

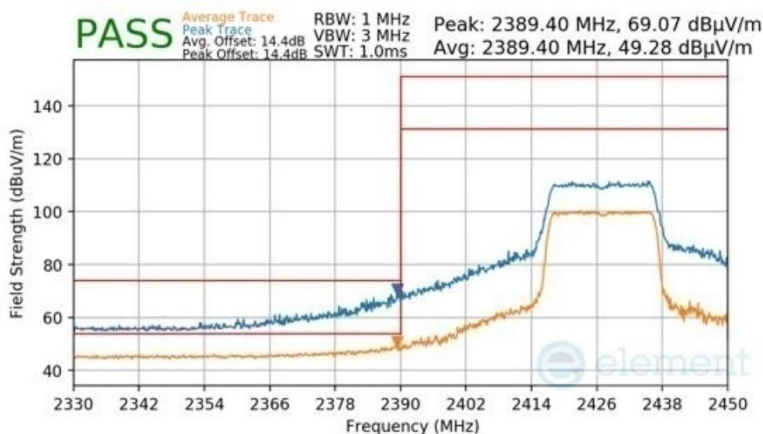
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2422MHz
Channel	3



Plot 7-265 Radiated Restricted Lower Band Edge Measurement Antenna 1

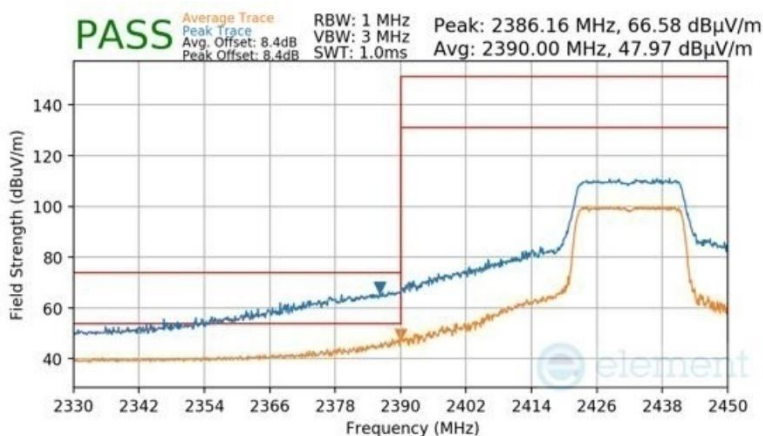
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 194 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2427MHz
Channel	4



Plot 7-266 Radiated Restricted Lower Band Edge Measurement Antenna 1

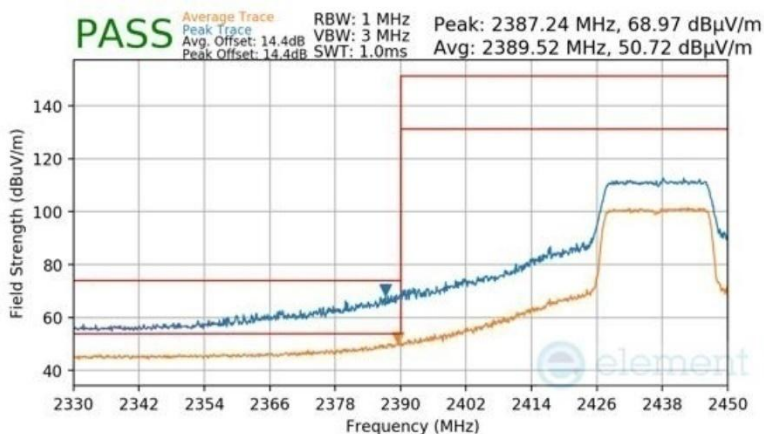
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2432MHz
Channel	5



Plot 7-267 Radiated Restricted Lower Band Edge Measurement Antenna 1

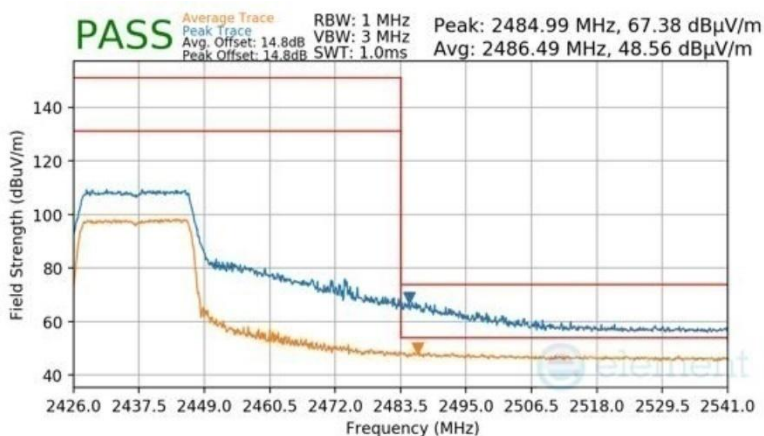
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 195 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-268 Radiated Restricted Lower Band Edge Measurement Antenna 1

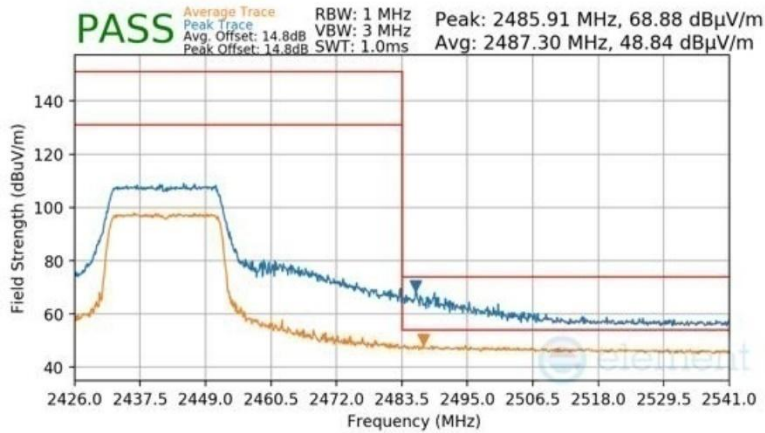
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-269 Radiated Restricted Upper Band Edge Measurement Antenna 1

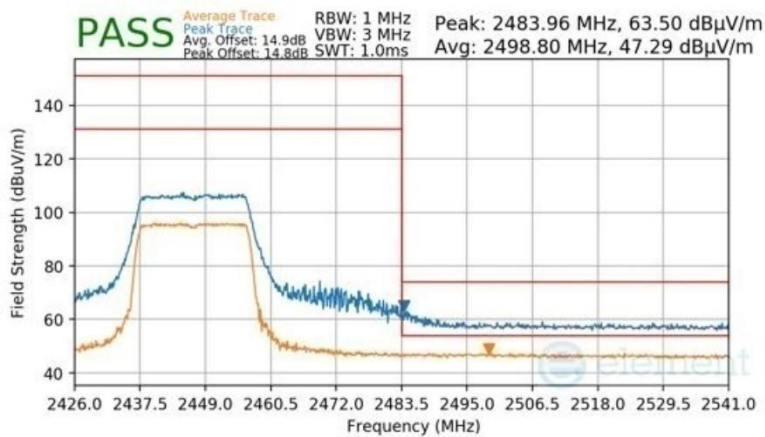
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 196 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



Plot 7-270 Radiated Restricted Upper Band Edge Measurement Antenna 1

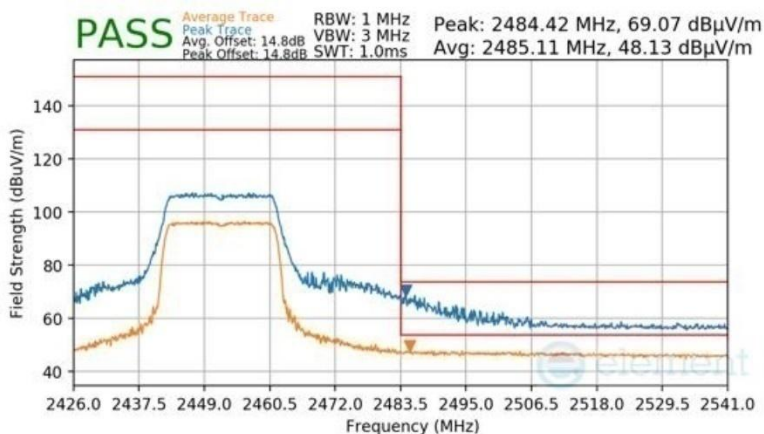
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



Plot 7-271 Radiated Restricted Upper Band Edge Measurement Antenna 1

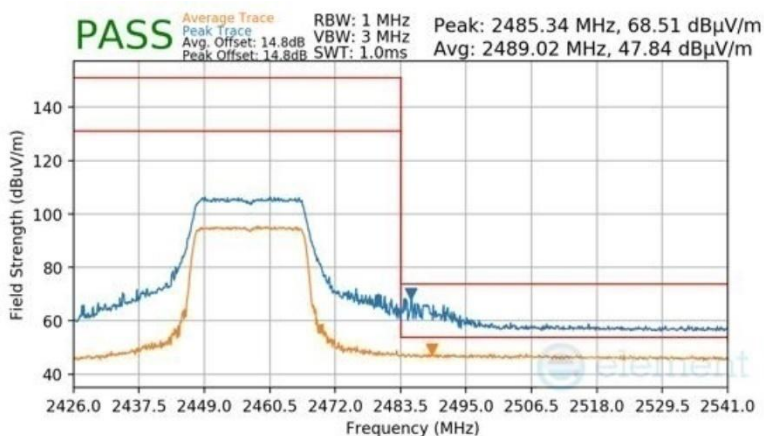
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 197 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



Plot 7-272 Radiated Restricted Upper Band Edge Measurement Antenna 1

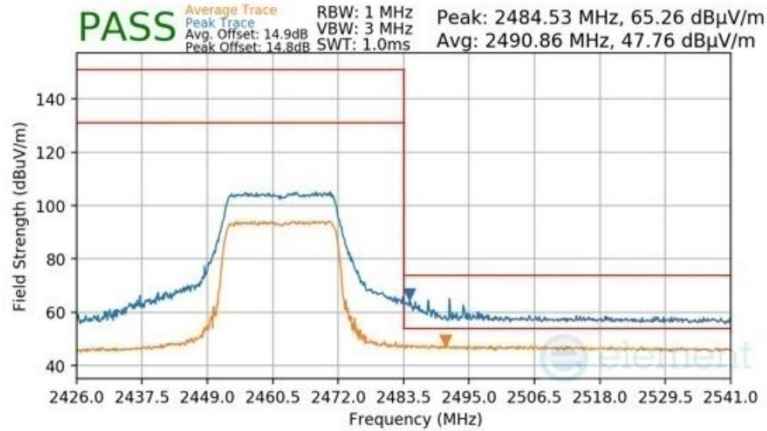
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2457MHz
Channel	10



Plot 7-273 Radiated Restricted Upper Band Edge Measurement Antenna 1

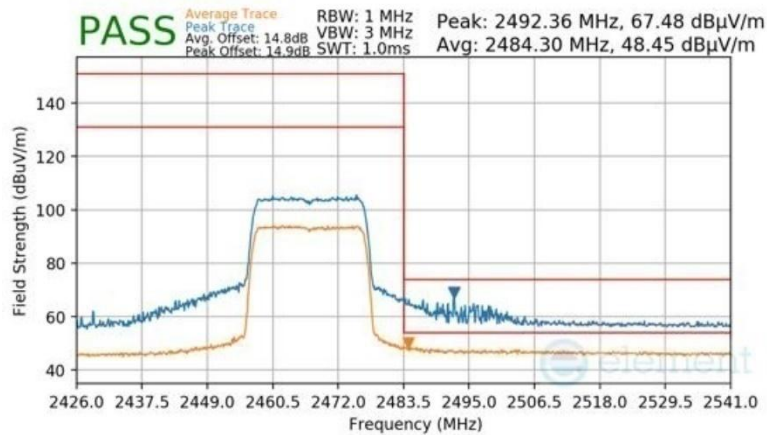
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 198 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2462MHz
Channel	11



Plot 7-274 Radiated Restricted Upper Band Edge Measurement Antenna 1

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2467MHz
Channel	12



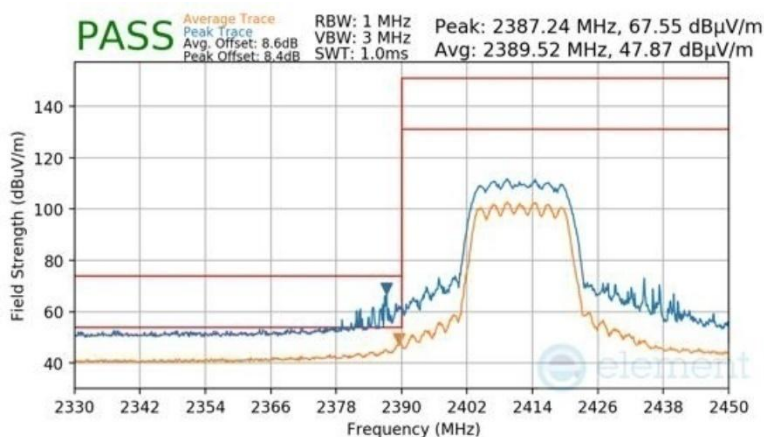
Plot 7-275 Radiated Restricted Upper Band Edge Measurement Antenna 1

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 199 of 226

7.8.9 CDD Dedicated Radiated Restricted Band Edge Measurements

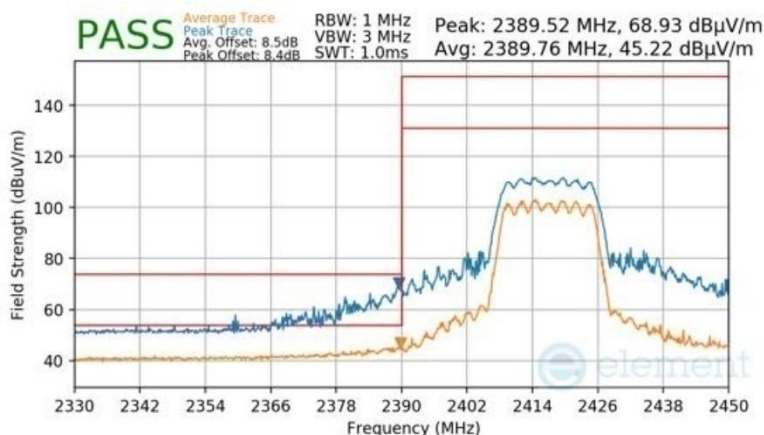
§15.205 §15.209; RSS-Gen [7.4.3]

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



Plot 7-276 Radiated Restricted Lower Band Edge Measurement CDD

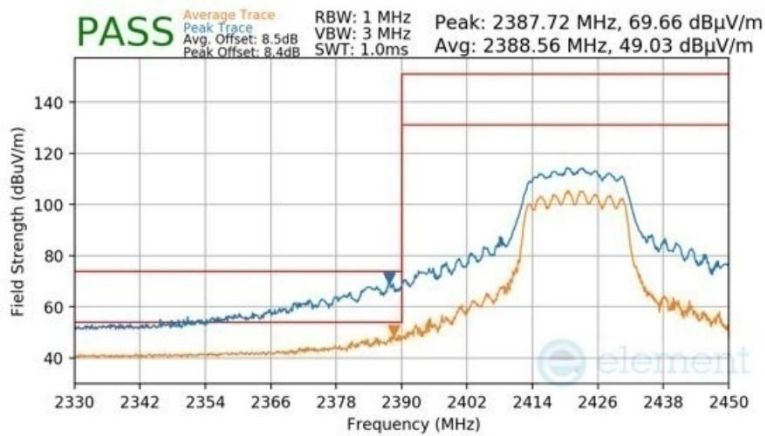
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



Plot 7-277 Radiated Restricted Lower Band Edge Measurement CDD

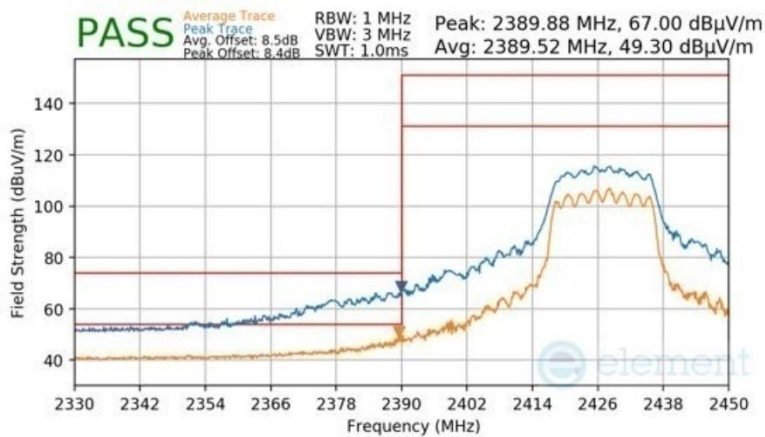
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 200 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2422MHz
Channel	3



Plot 7-278 Radiated Restricted Lower Band Edge Measurement CDD

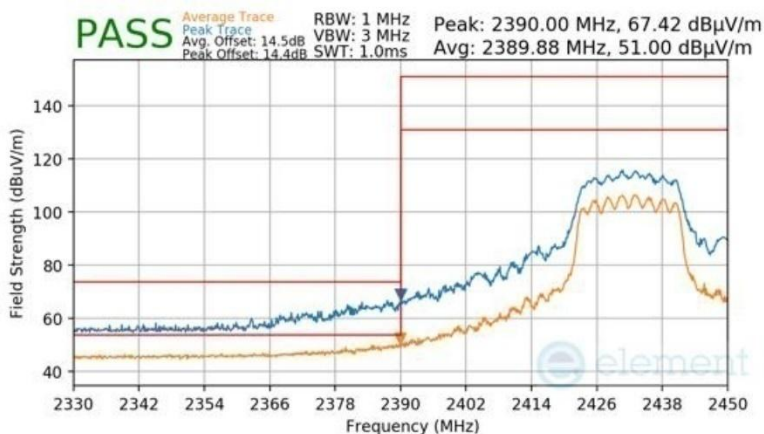
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2427MHz
Channel	4



Plot 7-279 Radiated Restricted Lower Band Edge Measurement CDD

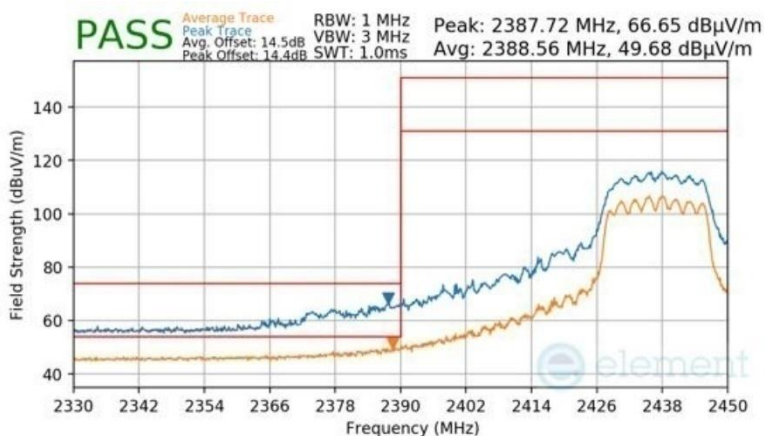
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 201 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2432MHz
Channel	5



Plot 7-280 Radiated Restricted Lower Band Edge Measurement CDD

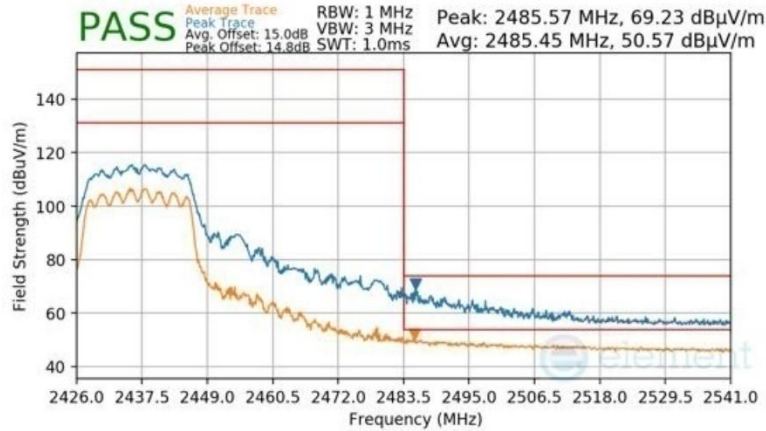
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-281 Radiated Restricted Lower Band Edge Measurement CDD

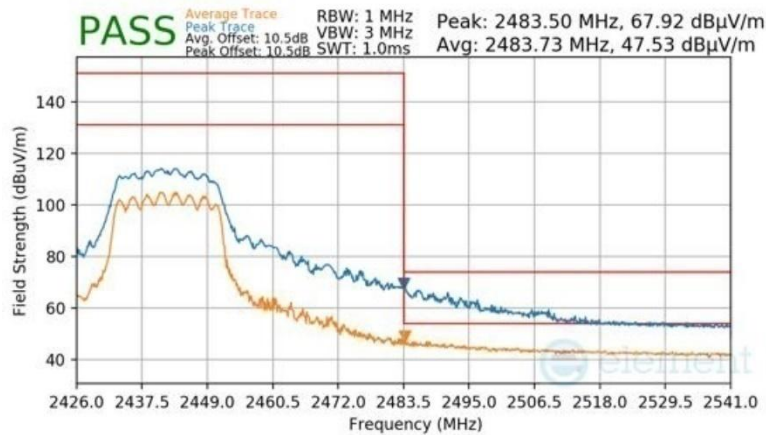
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 202 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-282 Radiated Restricted Upper Band Edge Measurement CDD

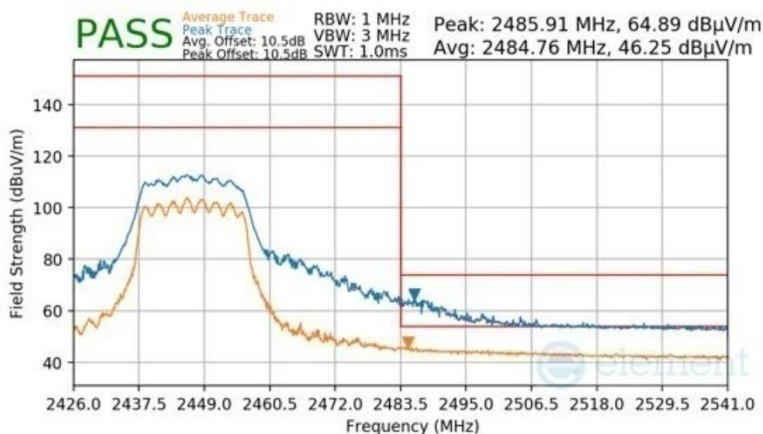
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



Plot 7-283 Radiated Restricted Upper Band Edge Measurement CDD

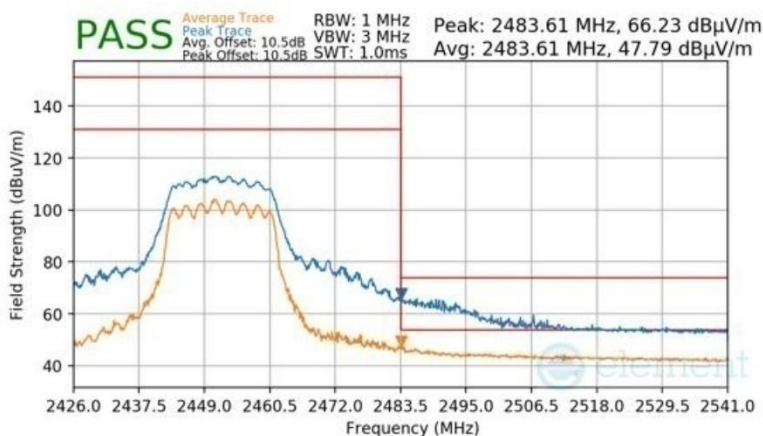
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 203 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



Plot 7-284 Radiated Restricted Upper Band Edge Measurement CDD

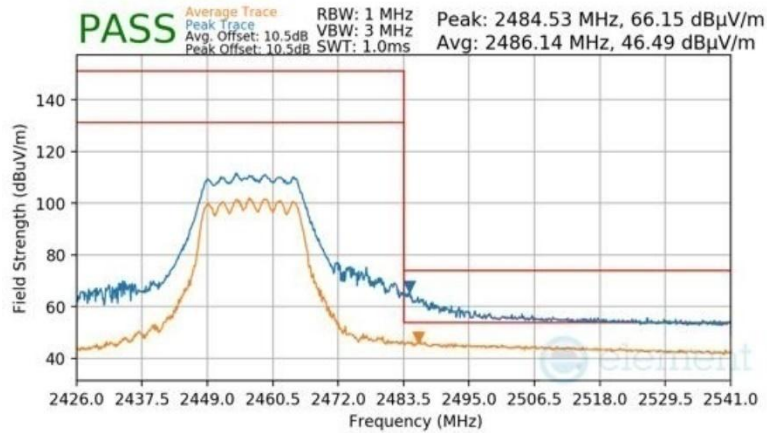
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



Plot 7-285 Radiated Restricted Upper Band Edge Measurement CDD

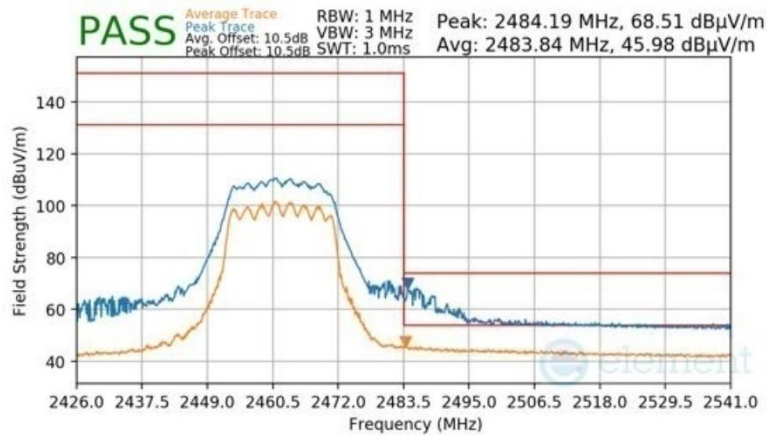
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 204 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2457MHz
Channel	10



Plot 7-286 Radiated Restricted Upper Band Edge Measurement CDD

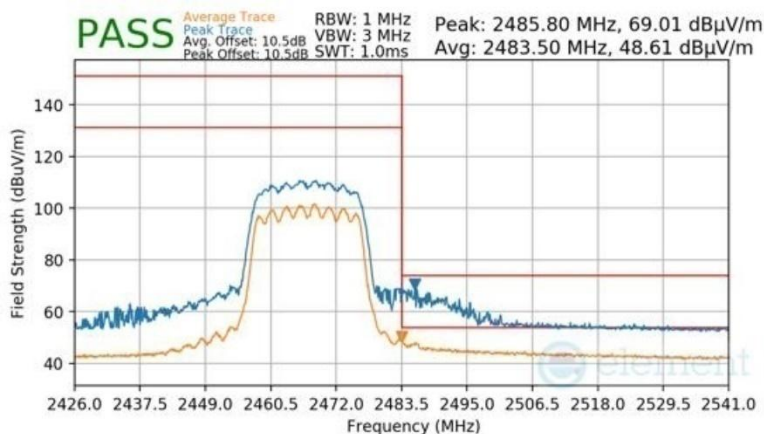
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2462MHz
Channel	11



Plot 7-287 Radiated Restricted Upper Band Edge Measurement CDD

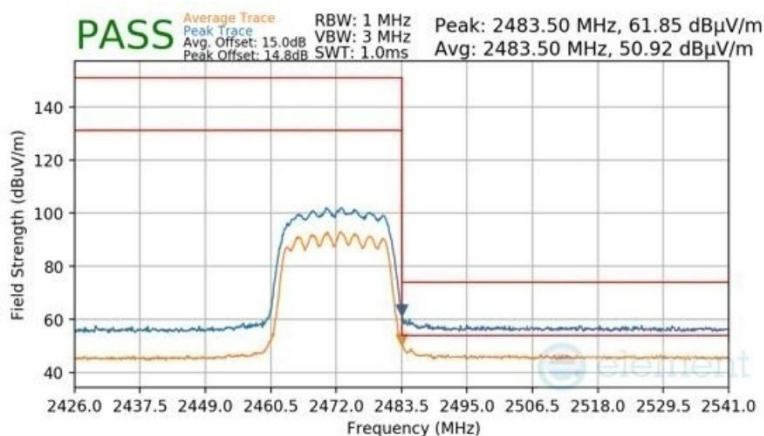
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 205 of 226

Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2467MHz
Channel	12



Plot 7-288 Radiated Restricted Upper Band Edge Measurement CDD

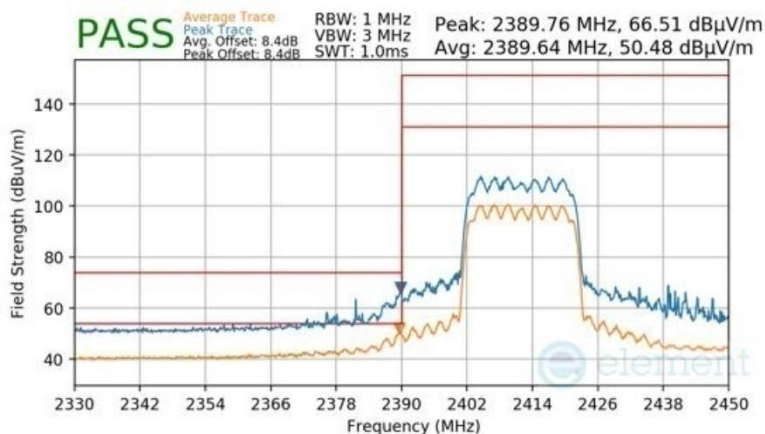
Mode	802.11n
Data Rate	MCS7
Distance of Measurement	3 Meters
Operating Frequency	2472MHz
Channel	13



Plot 7-289 Radiated Restricted Upper Band Edge Measurement CDD

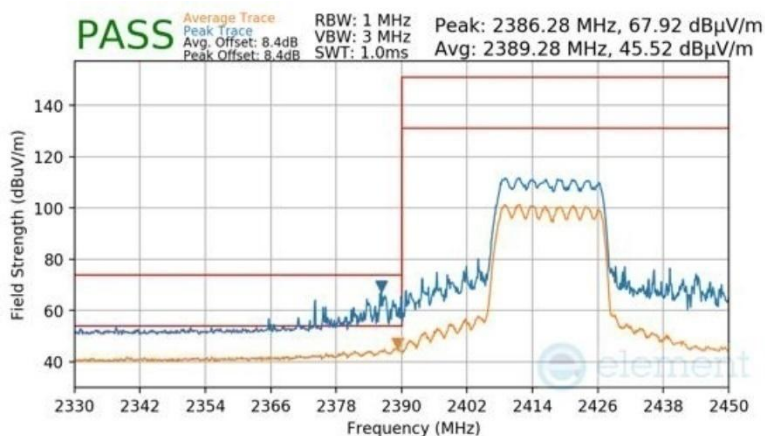
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 206 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2412MHz
Channel	1



Plot 7-290 Radiated Restricted Lower Band Edge Measurement CDD

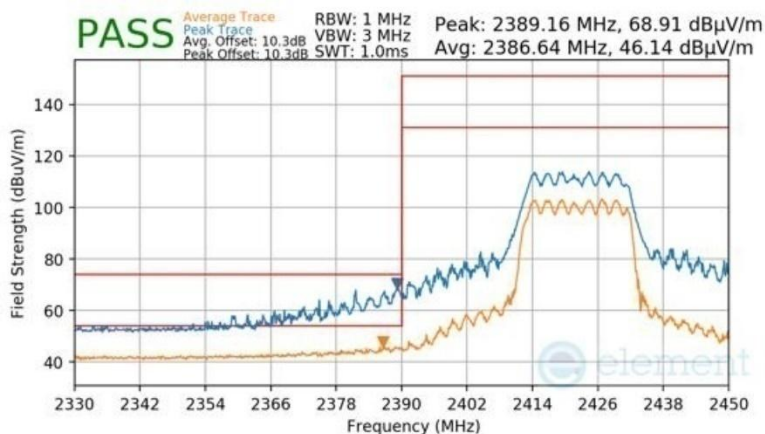
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2417MHz
Channel	2



Plot 7-291 Radiated Restricted Lower Band Edge Measurement CDD

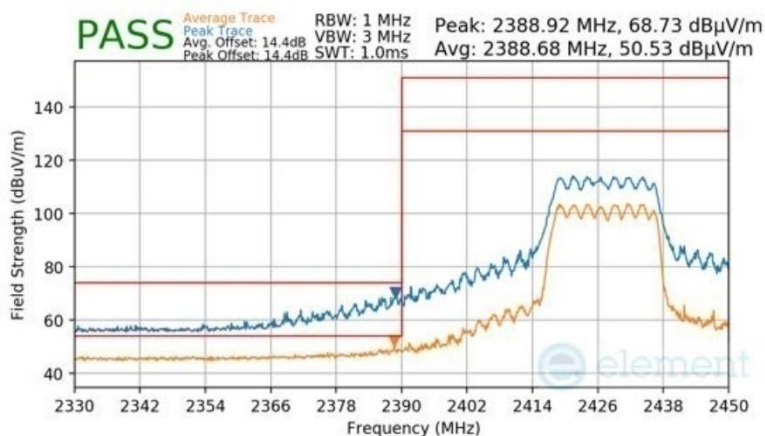
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 207 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2422MHz
Channel	3



Plot 7-292 Radiated Restricted Lower Band Edge Measurement CDD

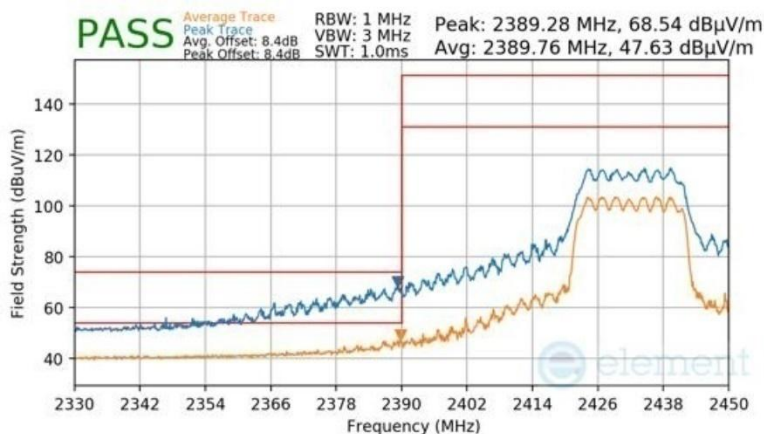
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2427MHz
Channel	4



Plot 7-293 Radiated Restricted Lower Band Edge Measurement CDD

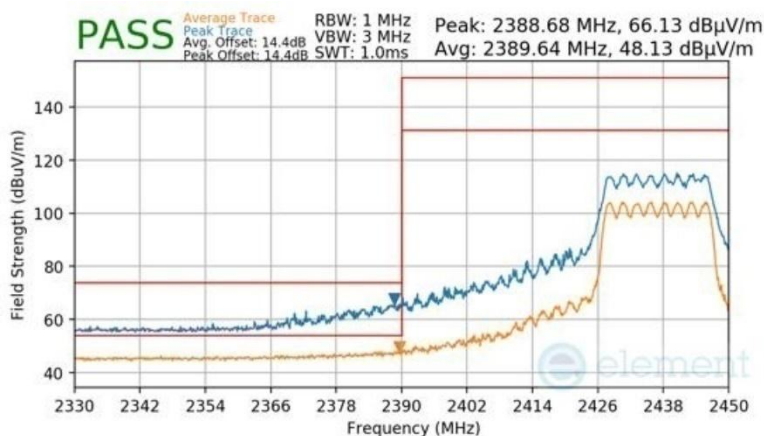
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 208 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2432MHz
Channel	5



Plot 7-294 Radiated Restricted Lower Band Edge Measurement CDD

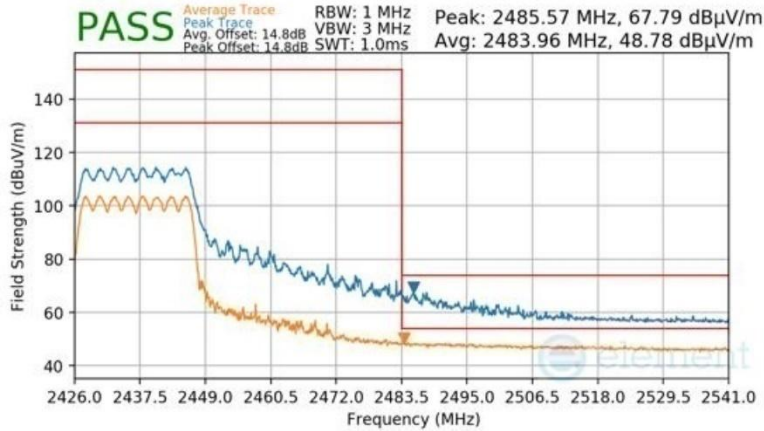
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-295 Radiated Restricted Lower Band Edge Measurement CDD

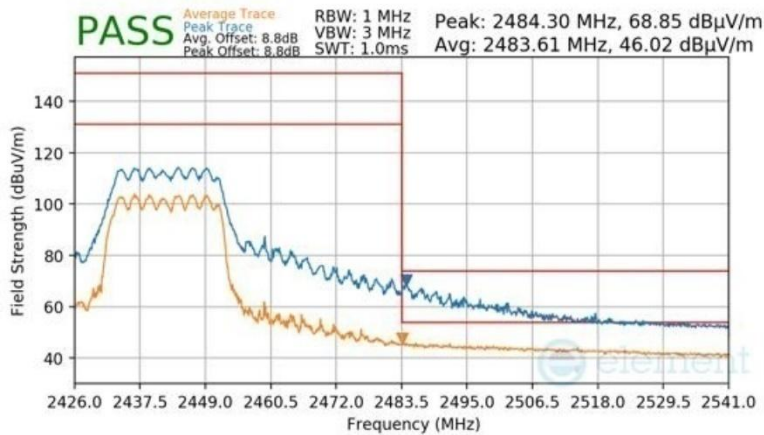
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 209 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2437MHz
Channel	6



Plot 7-296 Radiated Restricted Upper Band Edge Measurement CDD

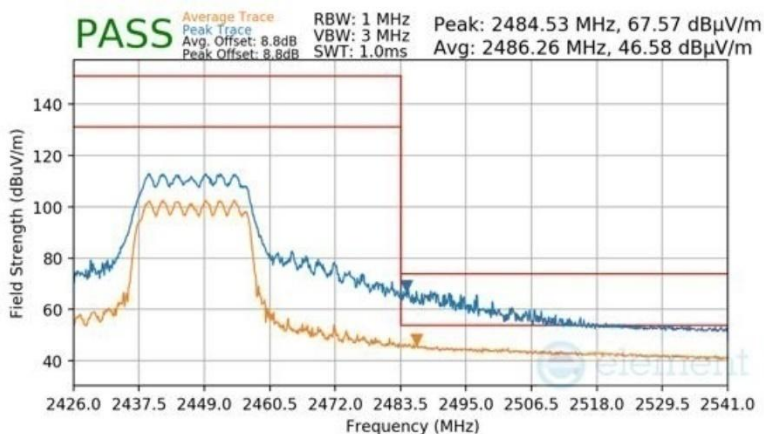
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2442MHz
Channel	7



Plot 7-297 Radiated Restricted Upper Band Edge Measurement CDD

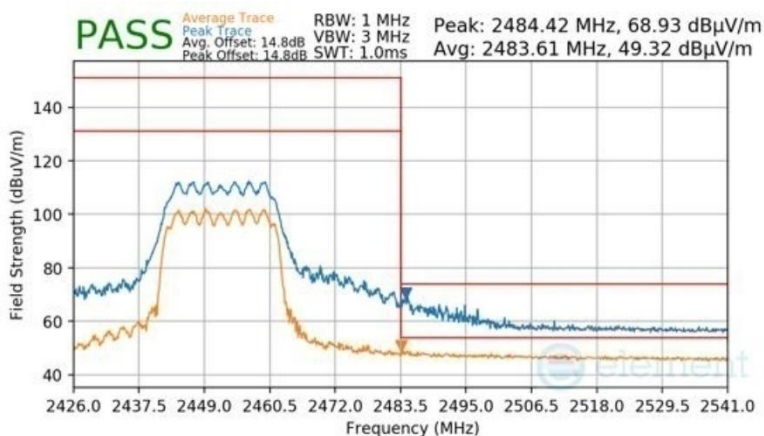
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 210 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2447MHz
Channel	8



Plot 7-298 Radiated Restricted Upper Band Edge Measurement CDD

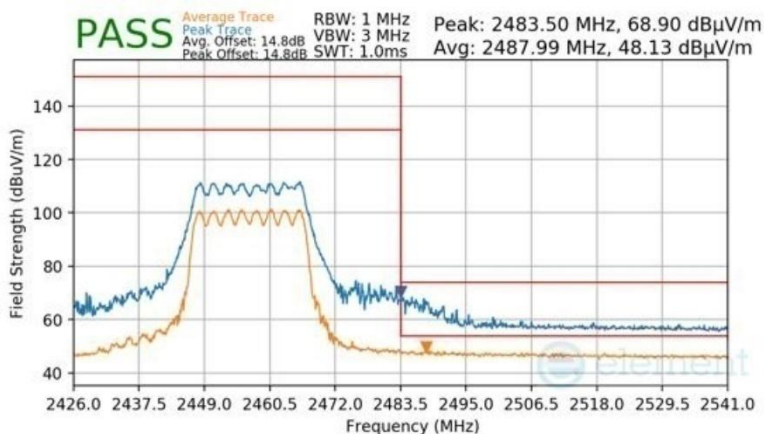
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2452MHz
Channel	9



Plot 7-299 Radiated Restricted Upper Band Edge Measurement CDD

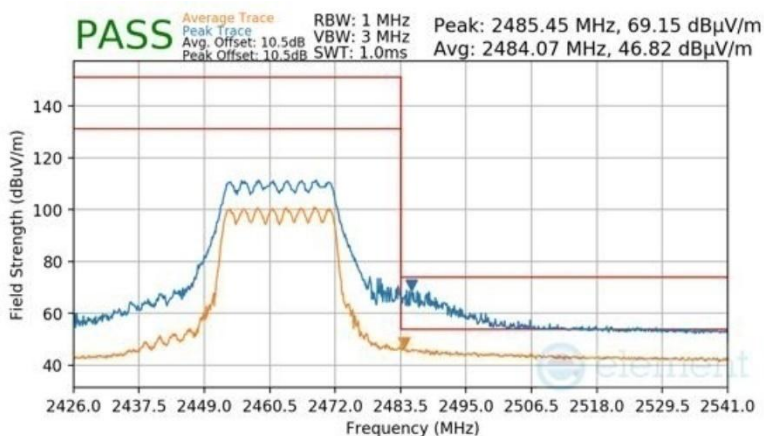
FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-R3.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 211 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2457MHz
Channel	10



Plot 7-300 Radiated Restricted Upper Band Edge Measurement CDD

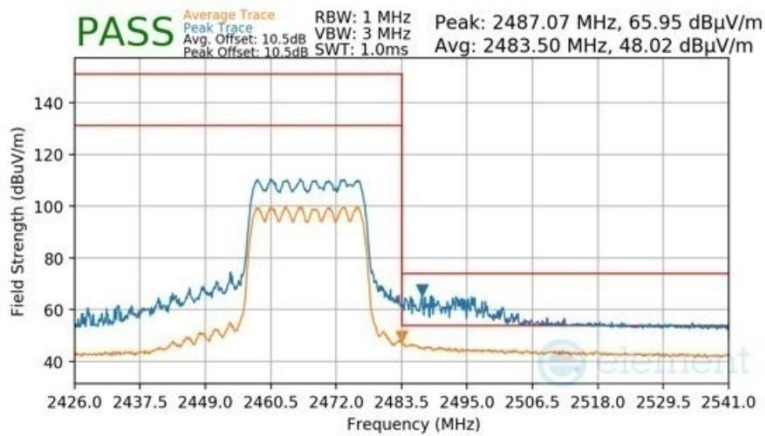
Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2462MHz
Channel	11



Plot 7-301 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 212 of 226

Mode	802.11ax-SU
Data Rate	MCS9
Distance of Measurement	3 Meters
Operating Frequency	2467MHz
Channel	12



Plot 7-302 Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 213 of 226

7.9 Radiated Spurious Emissions – Below 1GHz

§15.209; RSS-Gen [7.4.3]

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 maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

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 7-69 per Section 15.209 and RSS-Gen (7.4.3).

Frequency	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-69. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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6. Trace mode = max hold

Test Setup

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

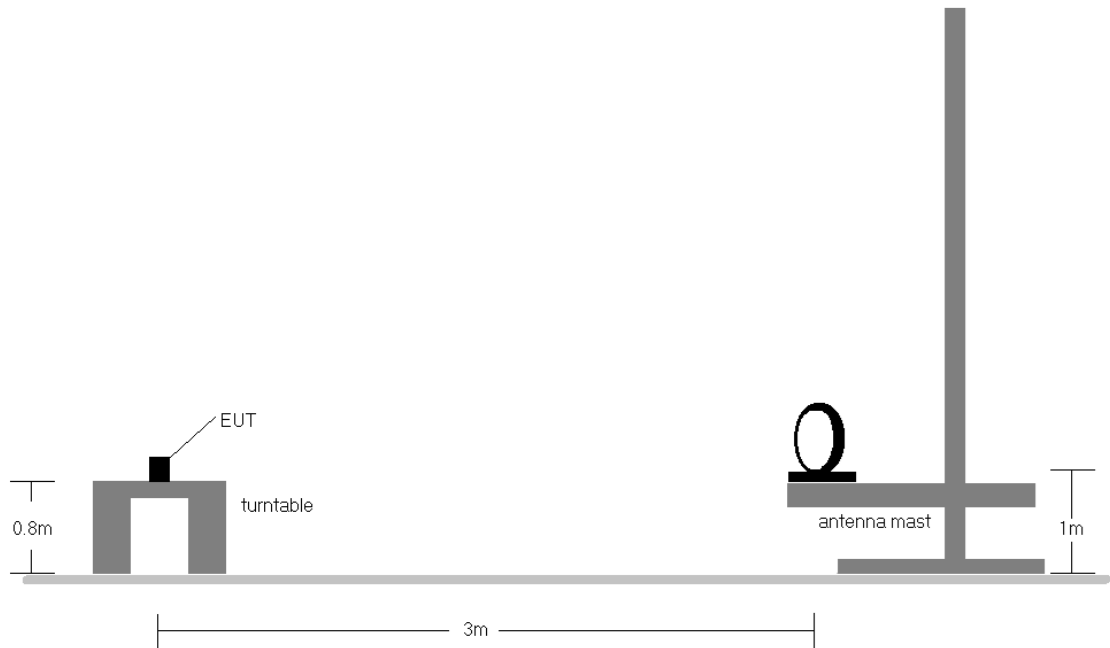


Figure 7-8. Radiated Test Setup < 30Mhz

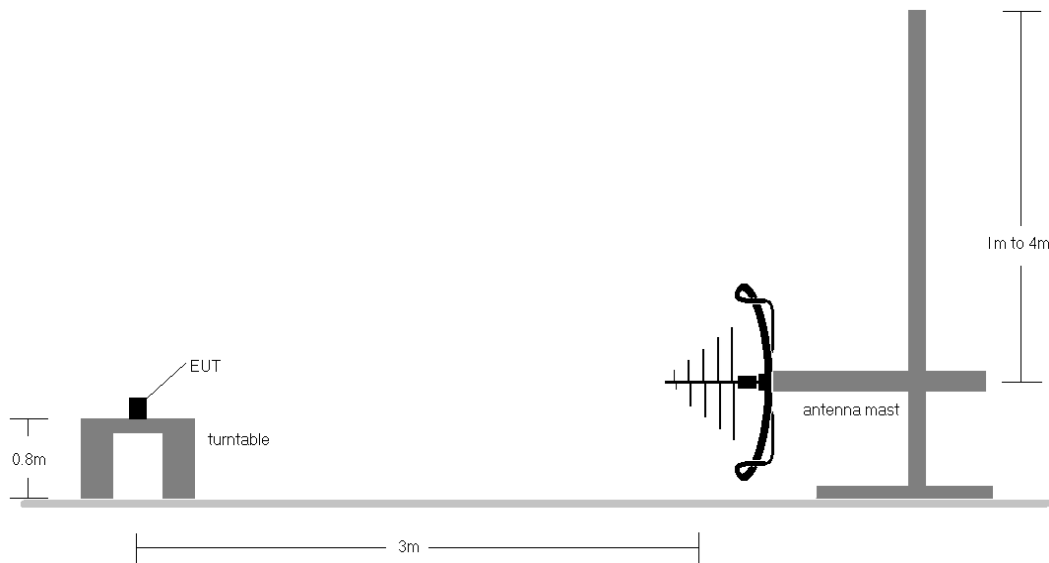


Figure 7-9. Radiated Test Setup < 1GHz

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 215 of 226

Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (7.5) are below the limit shown in Table 7-69.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three screen angles. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
3. This unit was tested while powered by an AC/DC Adapter via USB-C Cable.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector for emissions within 6dB of the limit.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
9. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification.
10. The unit was tested with all possible modes and only the highest emission is reported.
11. All antenna configurations were investigated and only the worst case is reported.

Sample Calculations

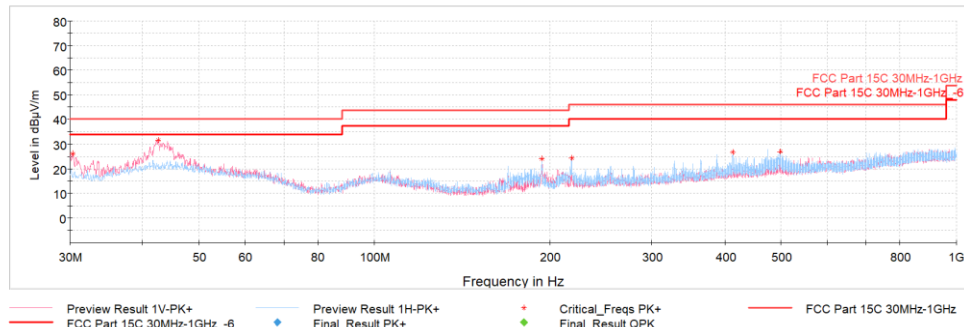
Determining Spurious Emissions Levels

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

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 216 of 226

Radiated Spurious Emissions Measurements Dedicated Path (Below 1GHz)

§15.209; RSS-Gen [7.4.3]

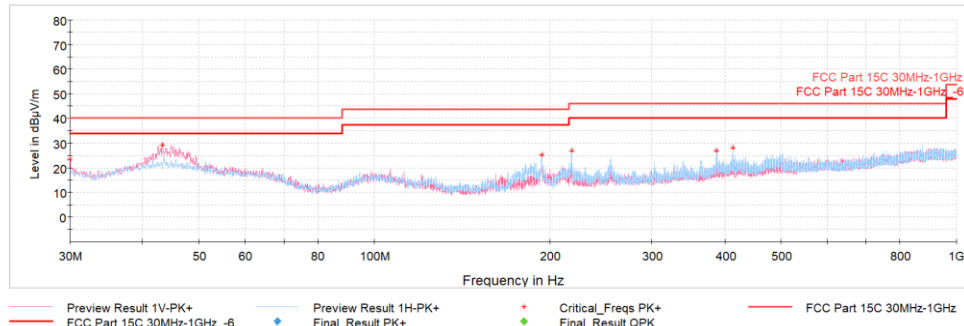


Plot 7-303. Radiated Spurious Emissions below 1GHz Antenna 0 Dedicated 11b Ch.1, with AC/DC Adapter via USB-C Cable.

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]
30.34	Max Peak	V	200	74	-62.61	-18.40	25.99	40.00	-14.01
42.51	Max Peak	V	200	263	-60.23	-15.03	31.74	40.00	-8.26
194.27	Max Peak	V	100	351	-66.90	-16.00	24.10	43.52	-19.42
218.52	Max Peak	H	100	228	-66.91	-15.84	24.25	46.02	-21.77
412.81	Max Peak	H	100	49	-70.34	-10.08	26.58	46.02	-19.44
497.83	Max Peak	H	100	32	-71.27	-8.66	27.07	46.02	-18.95

Table 7-70. Radiated Spurious Emissions below 1GHz Antenna 0 Dedicated 11b Ch.1, with AC/DC Adapter via USB-C Cable.

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 217 of 226

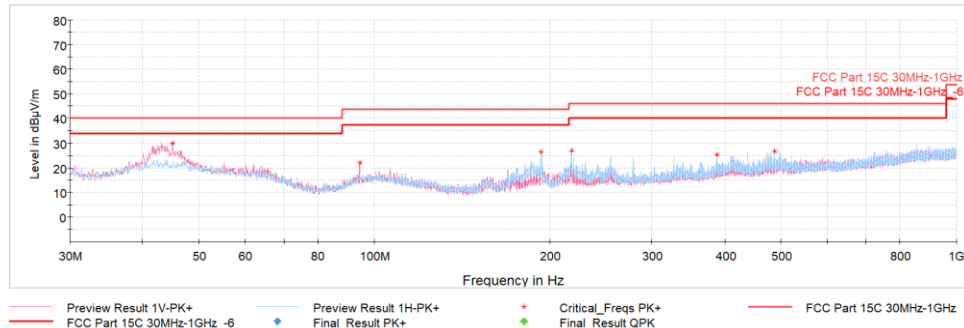


Plot 7-304. Radiated Spurious Emissions below 1GHz CDD Dedicated 11n Ch.1, with AC/DC Adapter via USB-C Cable.

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]
30.00	Max Peak	V	300	152	-65.36	-18.29	23.35	40.00	-16.65
43.29	Max Peak	V	100	17	-62.79	-14.87	29.34	40.00	-10.66
194.17	Max Peak	V	100	342	-65.66	-16.02	25.32	43.52	-18.20
218.47	Max Peak	H	100	185	-64.09	-15.84	27.07	46.02	-18.95
387.64	Max Peak	H	100	185	-69.29	-10.73	26.98	46.02	-19.04
412.76	Max Peak	H	100	333	-68.90	-10.08	28.02	46.02	-18.00

Table 7-71. Radiated Spurious Emissions below 1GHz CDD Dedicated 11n Ch.1, with AC/DC Adapter via USB-C Cable.

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 218 of 226



Plot 7-305. Radiated Spurious Emissions below 1GHz CDD Dedicated 11ax - SU Ch.1, with AC/DC Adapter via USB-C Cable.

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]
44.99	Max Peak	V	200	22	-62.46	-14.56	29.98	40.00	-10.02
94.46	Max Peak	V	100	285	-67.58	-17.48	21.94	43.52	-21.58
193.69	Max Peak	H	200	212	-64.53	-16.09	26.38	43.52	-17.14
218.47	Max Peak	H	100	186	-64.31	-15.84	26.85	46.02	-19.17
388.37	Max Peak	H	100	173	-71.22	-10.68	25.10	46.02	-20.92
487.40	Max Peak	H	200	207	-71.41	-8.81	26.78	46.02	-19.24

Table 7-72. Radiated Spurious Emissions below 1GHz CDD Dedicated 11ax - SU Ch.1, with AC/DC Adapter via USB-C Cable.

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 219 of 226

7.10 AC Line-Conducted Emissions Measurement

§15.207; RSS-Gen [7.4.2]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for AC Line conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (7.4.2).

Frequency of emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-73. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024, Subclause 6.2

Test Settings

Quasi-Peak Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 220 of 226

Test Setup

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

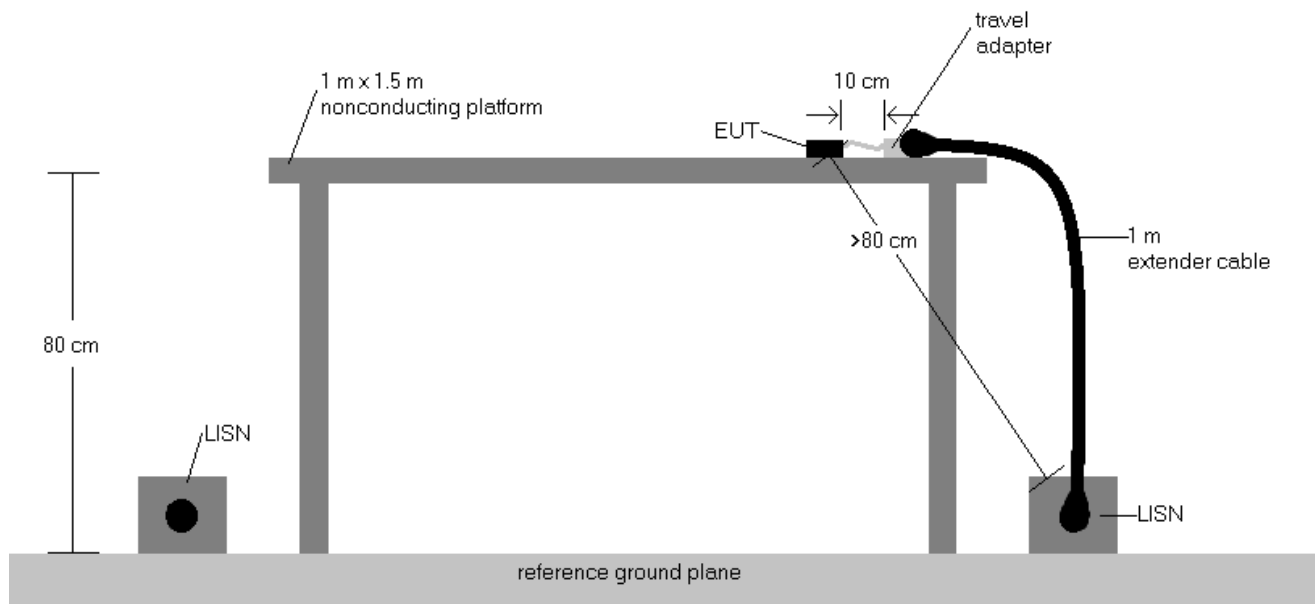
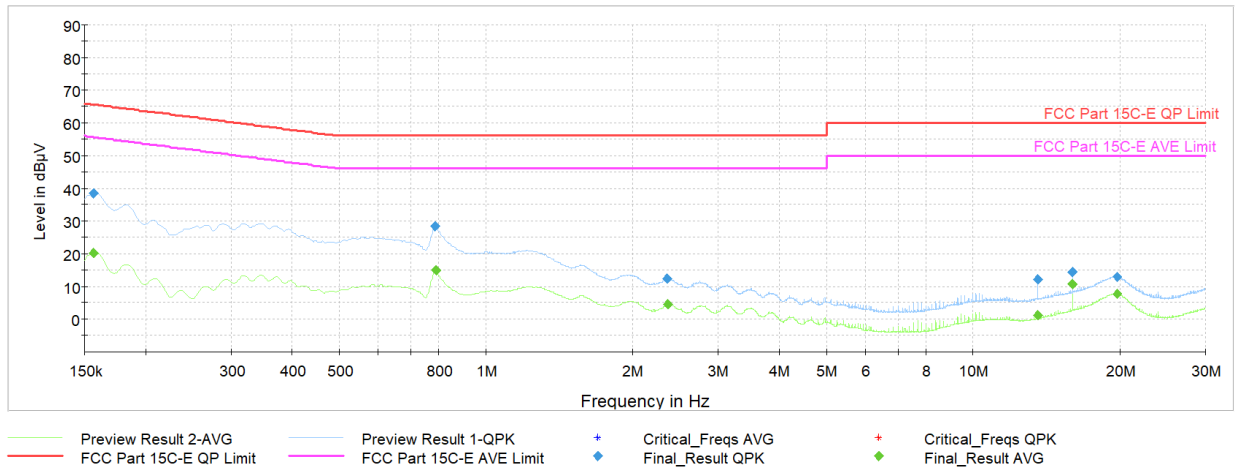


Figure 7-10. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. The limit for an intentional radiator from 150kHz to 30MHz are specified in Part 15.207 and RSS-Gen(7.4.2).
3. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
4. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Corr. (dB)}$
5. $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
6. Traces shown in plot are made using quasi peak and average detectors.
7. Deviations to the Specifications: None.
8. The unit was tested with all possible modes and only the highest emission is reported.

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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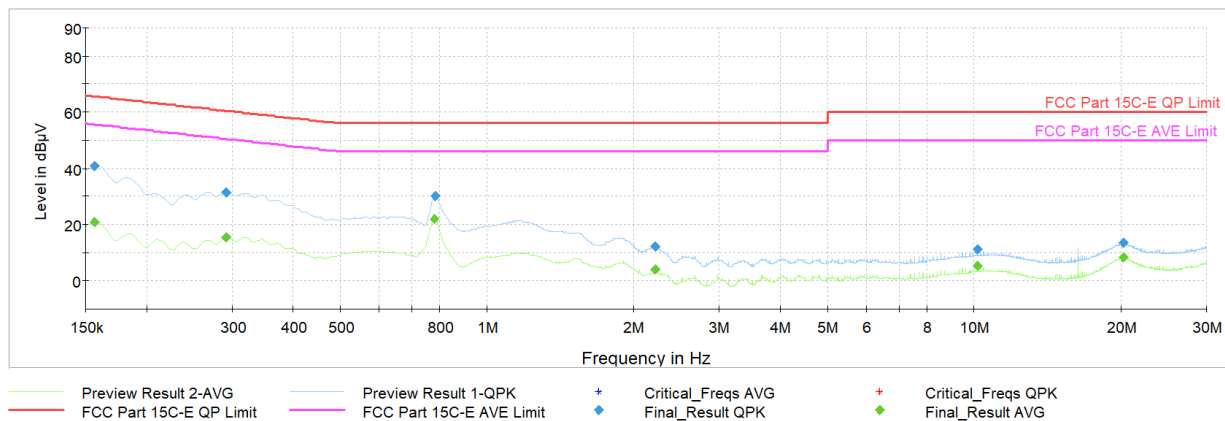


Plot 7-306. AC Line Conducted Plot with CDD Dedicated 11n Ch.6 (L1, with AC/DC Adapter via USB-C Cable)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.157	FINAL	—	20.17	55.63	-35.47	L1	GND
0.157	FINAL	38.4	—	65.63	-27.25	L1	GND
0.787	FINAL	28.4	—	56.00	-27.64	L1	GND
0.789	FINAL	—	14.92	46.00	-31.08	L1	GND
2.355	FINAL	12.4	—	56.00	-43.60	L1	GND
2.362	FINAL	—	4.67	46.00	-41.33	L1	GND
13.560	FINAL	12.2	—	60.00	-47.76	L1	GND
13.560	FINAL	—	1.10	50.00	-48.90	L1	GND
15.972	FINAL	14.2	—	60.00	-45.76	L1	GND
15.972	FINAL	—	10.61	50.00	-39.39	L1	GND
19.700	FINAL	—	7.69	50.00	-42.31	L1	GND
19.727	FINAL	13.0	—	60.00	-47.03	L1	GND

Table 7-74. AC Line Conducted Data with CDD Dedicated 11n Ch.6 (L1, with AC/DC Adapter via USB-C Cable)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 222 of 226



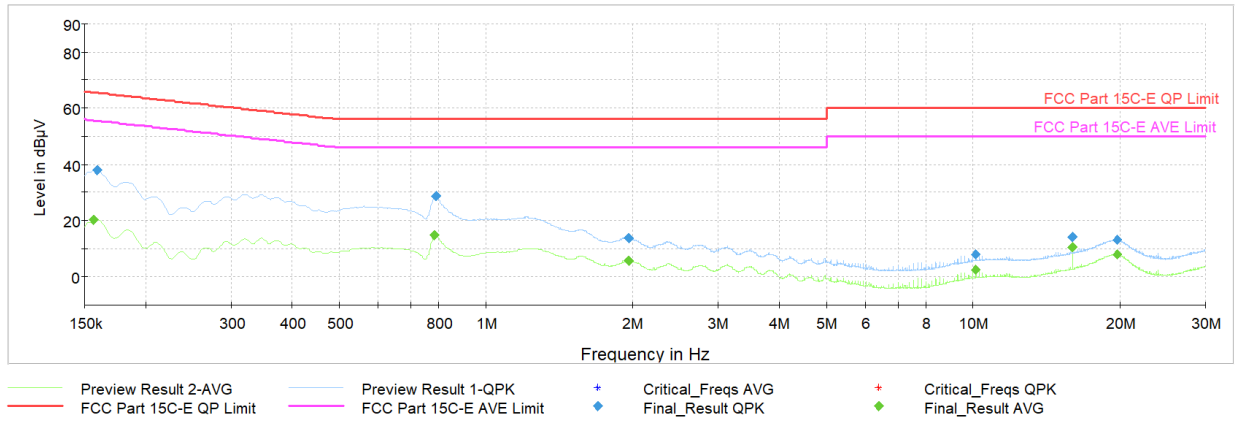
Plot 7-307. AC Line Conducted Plot with CDD Dedicated 11n Ch.6 (N, with AC/DC Adapter via USB-C Cable)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.157	FINAL	—	20.86	55.63	-34.77	N	GND
0.157	FINAL	40.7	—	65.63	-24.93	N	GND
0.292	FINAL	—	15.44	50.47	-35.03	N	GND
0.292	FINAL	31.5	—	60.47	-28.99	N	GND
0.780	FINAL	—	21.83	46.00	-24.17	N	GND
0.782	FINAL	30.2	—	56.00	-25.83	N	GND
2.211	FINAL	12.0	—	56.00	-43.96	N	GND
2.211	FINAL	—	4.12	46.00	-41.88	N	GND
10.145	FINAL	11.1	—	60.00	-48.87	N	GND
10.145	FINAL	—	5.37	50.00	-44.63	N	GND
20.258	FINAL	—	8.18	50.00	-41.82	N	GND
20.258	FINAL	13.4	—	60.00	-46.58	N	GND

Table 7-75. AC Line Conducted Data with CDD Dedicated 11n Ch.6 (N, with with AC/DC Adapter via USB-C Cable)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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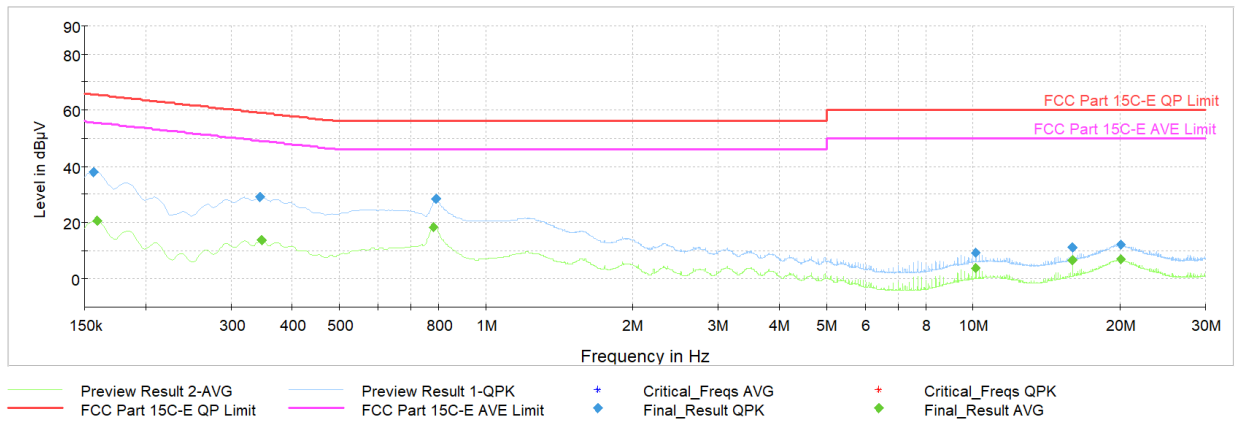


Plot 7-308. AC Line Conducted Plot with CDD Dedicated 11ax - SU Ch.6 (L1, with AC/DC Adapter via USB-C Cable)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.157	FINAL	—	20.17	55.63	-35.46	L1	GND
0.159	FINAL	37.9	—	65.52	-27.63	L1	GND
0.785	FINAL	—	14.84	46.00	-31.16	L1	GND
0.789	FINAL	28.7	—	56.00	-27.33	L1	GND
1.964	FINAL	—	5.53	46.00	-40.47	L1	GND
1.964	FINAL	13.8	—	56.00	-42.16	L1	GND
10.136	FINAL	8.1	—	60.00	-51.94	L1	GND
10.136	FINAL	—	2.32	50.00	-47.68	L1	GND
15.972	FINAL	14.2	—	60.00	-45.78	L1	GND
15.972	FINAL	—	10.59	50.00	-39.41	L1	GND
19.734	FINAL	—	7.86	50.00	-42.14	L1	GND
19.734	FINAL	13.2	—	60.00	-46.85	L1	GND

Table 7-76. AC Line Conducted Data with CDD Dedicated 11ax - SU Ch.6 (L1, with AC/DC Adapter via USB-C Cable)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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Plot 7-309. AC Line Conducted Plot with CDD Dedicated 11ax - SU Ch.6 (N, with AC/DC Adapter via USB-C Cable)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.157	FINAL	37.8	—	65.63	-27.88	N	GND
0.159	FINAL	—	20.75	55.52	-34.76	N	GND
0.344	FINAL	29.0	—	59.12	-30.12	N	GND
0.346	FINAL	—	13.65	49.06	-35.42	N	GND
0.780	FINAL	—	18.41	46.00	-27.59	N	GND
0.789	FINAL	28.3	—	56.00	-27.66	N	GND
10.136	FINAL	9.1	—	60.00	-50.91	N	GND
10.136	FINAL	—	3.69	50.00	-46.31	N	GND
15.983	FINAL	11.1	—	60.00	-48.87	N	GND
15.983	FINAL	—	6.68	50.00	-43.32	N	GND
20.117	FINAL	12.3	—	60.00	-47.72	N	GND
20.119	FINAL	—	6.84	50.00	-43.16	N	GND

Table 7-77. AC Line Conducted Data with CDD Dedicated 11ax - SU Ch.6 (N, with with AC/DC Adapter via USB-C Cable)

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Smart Speaker with Display FCC ID: BCGA3218, IC: 579C-A3218** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules and RSS-247 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA3218 IC: 579C-A3218	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 10/14/2024 - 1/15/2025	EUT Type: Smart Speaker with Display	Approved by: Technical Manager
Test Report S/N: 1C2410280081-04-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 226 of 226