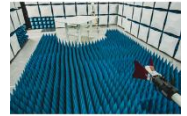




ELEMENT MATERIALS TECHNOLOGY

(formerly PCTEST)
18855 Adams Court, Morgan Hill, CA 95037 USA
Tel. 408.538.5600
<http://www.element.com>



MEASUREMENT REPORT

FCC PART 15.247 / ISED RSS-247 Bluetooth (Low Energy)

Applicant Name:

Apple Inc.
One Apple Park Way
Cupertino, CA 95014
United States

Date of Testing:

05/12/2025 - 02/25/2026

Test Report Issue Date:

9/15/2026

Test Site/Location:

Element Materials Technolgy, Morgan Hill, CA, USA

Test Report Serial No.:

1C2505300067-02-R3.BCG

FCC ID:

BCGA3374

IC:

579C-A3374

APPLICANT:

Apple Inc.

Application Type:

Certification

Model/HVIN:

A3374

EUT Type:

Smart Speaker

Max. RF Output Power:

32.509 mW (15.12 dBm) Peak Conducted

Frequency Range:

2402 – 2480MHz

FCC Classification:

Digital Transmission System (DTS)

FCC Rule Part(s):

Part 15 Subpart C (15.247)

ISED Specification:

RSS-247 Issue 4

Test Procedure(s):

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024, KDB 558074 D01 v05r02

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 558074 D01 v05r02. Test results reported herein relate only to the item(s) tested.

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

RJ Ortanez

Executive Vice President



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Revision Summary

Revision	Date	Comments	Revised By
-	04/07/2026	Initial Released	WKR007077
R1	06/02/2026	Addressed comments in section 2.1.	WKR007077
R2	06/24/2026	Addressed comments in section 2.3 and 7.2 to 7.11	WKR016696
R3	7/28/2026	Addressed comments in section 2.2, 2.3, 2.6, and 7.1-7.8	WKR016696

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1 INTRODUCTION

1.1 Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada.

1.2 Element Materials Technology Test Location

These measurement tests were conducted at the Element Materials Technology facility located at 18855 Adams Court, Morgan Hill, CA 95037. The measurement facility is compliant with the test site requirements specified in ANSI C63.4-2014 and KDB 414788 D01 v01r01.

1.3 Test Facility / Accreditations

Measurements were performed at Element Materials Technology located in Morgan Hill, CA 95037, U.S.A.

- Element Materials Technology is an ISO 17025-2017 accredited test facility under the American Association for Laboratory Accreditation (A2LA) with Certificate number 2041.02 for Specific Absorption Rate (SAR), Hearing Aid Compatibility (HAC) testing, where applicable, and Electromagnetic Compatibility (EMC) testing for FCC and Innovation, Science, and Economic Development Canada rules.
- Element Washington DC LLC TCB is a Telecommunication Certification Body (TCB) accredited to ISO/IEC 17065-2012 by A2LA (Certificate number 2041.03) in all scopes of FCC Rules and ISED Standards (RSS).
- Element Materials Technology facility is a registered (22831) test laboratory with the site description on file with ISED.
- Element Washington DC LLC is a Recognized U.S. Certification Assessment Body (CAB # US0110) for ISED Canada as designated by NIST under the U.S. and Canada Mutual Recognition Agreements (MRAs).

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2 PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the **Apple Smart Speaker FCC ID: BCGA3374 and IC: 579C-A3374**. The data found in this test report was taken with the EUT operating in Bluetooth low energy mode. While in low energy mode, the Bluetooth transmitter hops pseudo-randomly between 40 channels, three of which are “advertising channels”. When the transmitter is hopping only between the three advertising channels, the EUT does not fall under the category of a “hopper” as defined in 15.247(a)(iii) which states that a “frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels.” As operation on only the advertising channels does not qualify the EUT as a hopper, the EUT is certified as a DTS device in this mode. The data found in this report is representative of the device when it transmits on its advertising channels. Typical Bluetooth operation is covered under the DSS report found with this application.

Test Device Serial No.: DWPYQ17WGN, F4Y3LP2074, G59KG4D2LL, GXC9HHV20W, DLWP4MKXKL, DMWY056GXX, JQW7TJGXT3

2.2 Device Capabilities

This device contains the following capabilities:

802.11b/g/n/ax WLAN, 802.11a/n/ac/ax UNII (5GHz and 6GHz), 802.15.4, Bluetooth (1x, EDR, LE1M, LE2M), UWB

BLE-1M		BLE-2M	
Ch.	Frequency (MHz)	Ch.	Frequency (MHz)
37	2402	00	2404
:	:	:	:
17	2440	17	2440
:	:	:	:
39	2480	36	2478

Table 2-1. Bluetooth LE Frequency / Channel Operations

Note: This device is capable of operating in hopping and non-hopping mode. The EUT can hop between 40 different channels in the 2400 – 2483.5MHz band.

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The maximum achievable duty cycles for all modes were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz, and detector = peak per the guidance of Section 6.0 b) of KDB 558074 D01 v05r02 and ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

Measured Duty Cycle		
BLE Mode	Duty Cycle [%]	DCCF [dB]
1M	100.00	0.00
2M	100.00	0.00

Table 2-2. Measured Duty Cycles

This device supports simultaneous transmission operations, which allows multiple transmitters to transmit simultaneously on the same antenna. The table below shows all configurations possible.

Antenna	Simultaneous Tx Config	Bluetooth 2.4GHz	Thread	WLAN	WIFI 5GHz	WIFI 6GHz
		BDR, EDR, LE	802.15.4	802.11 b/g/n/ax	802.11 a/n/ac/ax	802.11 a/ax
Antenna 0	Config 1	✓	✗	✗	✓	✗
	Config 2	✓	✗	✗	✗	✓
Antenna 1	Config 3	✗	✓	✗	✓	✗
	Config 4	✗	✓	✗	✗	✓

Table 2-3. Simultaneous Transmission Configurations

✓ = Support; ✗ = Not Support

Note:

All the above simultaneous transmission configurations have been tested and the worst-case configuration was found to be Config 1 and reported in RF Bluetooth and RF UNII 5GHz OFDM test reports.

2.3 Antenna Description

Following antenna gain provided by manufacturer were used for testing. The validity of the calculated results is based on the accuracy of the information provided.

Frequency [GHz]	Antenna Gain (dBi)
	Antenna 0
2.4	1.03

Table 2-4. Highest Antenna Gain

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2.4 Test Support Equipment

1	Apple MacBook Pro w/AC/DC Adapter	Model:	A2141 A2166	S/N:	C02H604EQ05D C4H042705ZNPM0WA6
2	Apple USB-C Cable	Model:	Chimp Cable	S/N:	304323
3	AC Adapter	Model:	A3228	S/N:	C4HHAU000PD0000EWV

Table 2-5. Test Support Equipment List

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2.5 Test Configuration

The EUT was tested per the guidance of ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 558074 D01 v05r02. ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing. See Sections 3.2 for AC line conducted emissions test setups, 3.3 for radiated emissions test setups, and 7.2, 7.3, 7.4, 7.5, 7.6, and 7.7 for antenna port conducted emissions test setups.

For emissions from 1GHz – 18GHz, low, mid, and high channels were tested with highest power and worst case configuration. The emissions below 1GHz and above 18GHz were tested with the highest transmitting power and the worst case channel were reported.

The EUT was manipulated through one orthogonal plane of X-orientation (flatbed) during the testing. Only the worst case emissions were reported in this test report.

For AC line conducted and radiated test below 1GHz, following configuration were investigated and the worst case was reported.

- EUT powered by AC/DC adaptor via USB-C cable

2.6 Software and Firmware

The test was conducted with firmware version 23J215 installed on the EUT.

2.7 EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

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3 DESCRIPTION OF TESTS

3.1 Evaluation Procedure

The measurement procedures described in the American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024) and the guidance provided in KDB 558074 D01 v05r02 were used in the measurement of the EUT.

Deviation from measurement procedure.....None

3.2 AC Line Conducted Emissions

The line-conducted facility is located inside a 7m x 3.66m x 2.7m shielded enclosure. The shielded enclosure is manufactured by AP Americas. The shielding effectiveness of the shielded room is in accordance with MIL-Std-285 or NSA 65-6. A 1m x 1.5m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, 50Ω/50μH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. The external power line filter is EPCOS 2X60A Power Line Filter (100dB Attenuation, 14kHz-18GHz) and the two EPCOs 2X48A filters (100dB Minimum Insertion Loss, 14kHz - 10GHz). These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. If the EUT is a DC-powered device, power will be derived from the source power supply it normally will be powered from and this supply line(s) will be connected to the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference groundplane. Power cables for support equipment were routed down to the second LISN while ensuring that the cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the spectrum analyzer and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The spectrum was scanned from 150kHz to 30MHz with a spectrum analyzer. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 10kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions is used for final measurements on the same test site. The analyzer is set to CISPR quasi-peak and average detectors with a 9kHz resolution bandwidth for final measurements.

Line conducted emissions test results are shown in Section 7.10. Automated test software was used to perform the AC line conducted emissions testing. Automated measurement software utilized is Rohde & Schwarz EMC32, Version 10.50.40.

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3.3 Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. The test site inside the chamber is a 6m x 5.2m elliptical, obstruction-free area in accordance with Figure 5.7 of Clause 5 in ANSI C63.4-2014. Absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections for measurements above 1GHz. An 80cm tall test table made of Styrodur is placed on top of the turn table. For measurements above 1GHz, an additional Styrodur pedestal is placed on top of the test table to bring the total table height to 1.5m.

Per KDB 414788 D01 v01r01, radiated emission test sites other than open-field test sites (e.g., shielded anechoic chambers), may be employed for emission measurements below 30MHz if characterized so that the measurements correspond to those obtained at an open-field test site. To determine test site equivalency, a reference sample transmitting at 149kHz was measured on an open field test site (asphalt with no ground plane) and then measured in the 3m semi-anechoic chamber. A calibrated 60cm loop antenna was rotated about its vertical axis while the reference device was rotated through the X axis in order to capture the worst case level. A maximum deviation of 2.77dB at 149kHz was measured when comparing the 3 meter semi-anechoic chamber to the open field site.

For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30MHz up to the upper frequency shown in 15.33 depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up was placed on top of the 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, mode of operation, turntable azimuth, and receive antenna height was noted for each frequency found.

Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through one orthogonal plane and changing the polarity of the receive antenna, whichever produced the worst-case emissions.

3.4 Environmental Conditions

The temperature is controlled within range of 15°C to 35°C. The relative humidity is controlled within range of 10% to 75%. The atmospheric pressure is monitored within the range 86-106kPa (860-1060mbar).

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4 ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

- The antenna(s) of the EUT are **permanently attached**.
- There are no provisions for connection to an external antenna.

Conclusion:

The EUT complies with the requirement of §15.203.

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5 MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.23-2012. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95% level of confidence. The measurement uncertainty shown below meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Contribution	Expanded Uncertainty ($\pm$ dB)
Conducted Bench Top Measurements	2.00
Line Conducted Disturbance	1.88
Radiated Disturbance (<30MHz)	4.24
Radiated Disturbance (30MHz - 1GHz)	4.96
Radiated Disturbance (1 - 18GHz)	5.18
Radiated Disturbance (>18GHz)	5.18

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6 TEST EQUIPMENT CALIBRATION DATA

Test Equipment Calibration is traceable to the National Institute of Standards and Technology (NIST). Measurements antennas used during testing were calibrated in accordance with the requirements of ANSI C63.5-2017.

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	N9020A	MXA Signal Analyzer	7/7/2025	Biennial	7/7/2027	MY56470202
Anritsu	ML2496A	Power Meter	2/10/2025	Annual	2/10/2026	1306009
Anritsu	MA2411B	Pulse Power Sensor	2/10/2025	Annual	2/10/2026	1315051
Anritsu	MA2411B	Pulse Power Sensor	2/10/2025	Annual	2/10/2026	1339027
ATM	180-442-KF	20dB Nominal Gain Horn Antenna	3/24/2025	Annual	3/24/2026	T058601-02
ETS-Lindgren	3117	Double Ridged Guide Horn (1-18 GHz)	4/16/2025	Annual	4/16/2026	218555
Fairview Microwave/MCL	FMCA1975-36/BW-K10-2W44+	30MHz-40GHz RF Cable/Attenuator *	6/10/2025	Annual	6/10/2026	-
Keysight Technology	N9040B	UXA Signal Analyzer	6/9/2025	Annual	6/9/2026	MY57212015
Rohde & Schwarz	TS-PR18	Pre-Amplifier (1GHz - 18GHz)	8/6/2025	Annual	8/6/2026	101639
Rohde & Schwarz	FSW43	Spectrum Analyzer 2Hz to 43GHz	8/5/2025	Annual	8/5/2026	104093
Rohde & Schwarz	ESW44	EMI Test Receiver 2Hz to 44 GHz	5/13/2025	Annual	5/13/2026	101867
Rohde & Schwarz	TS-PR8	Pre-Amplifier (30MHz - 8GHz)	10/14/2025	Annual	10/14/2026	102328
Rohde & Schwarz	TS-PR1840	Pre-Amplifier (18GHz - 40GHz)	6/3/2025	Annual	6/3/2026	100052
Rohde & Schwarz	ENV216	Two-Line V-Network	4/24/2025	Annual	4/24/2026	101364
Schwarzbeck	VULB 9162	Bilog Antenna (30MHz - 6GHz)	7/17/2025	Annual	7/17/2026	00302

Table 6-1. Test Equipment List

Note:

- For equipment listed above that has a calibration date or calibration due date that falls within the test date range, care was taken to ensure that this equipment was used after the calibration date and before the calibration due date.
- * denotes passive equipment that have been internally verified/calibrated.

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7 TEST RESULTS

7.1 Summary

Company Name: Apple Inc.
 FCC ID: BCGA3374
 IC: 579C-A3374
 FCC Classification: Digital Transmission System (DTS)
 Number of Channels: 40

FCC Part Section(s)	RSS Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
15.247(a)(2)	RSS-247 [6.3.1(a)]	6dB Bandwidth	> 500kHz	CONDUCTED	PASS	Section 7.3
2.1049	RSS-Gen [5.1]	Occupied Bandwidth	N/A		N/A	Section 7.2
15.247(b)(3)	RSS-247 [6.3.2]	Transmitter Output Power	< 1 Watt		PASS	Section 7.4
15.247(e)	RSS-247 [6.3.1(b)]	Transmitter Power Spectral Density	< 8dBm / 3kHz Band		PASS	Section 7.5
15.247(d)	RSS-247 [6.6]	Band Edge / Out-of-Band Emissions	≥ 20dBc		PASS	Section 7.6, 7.7
15.205 15.209	RSS-Gen [7.4.3]	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Emissions in restricted bands must meet the radiated limits detailed in 15.209 (RSS-Gen [7.4.3])	RADIATED	PASS	Section 7.8, 7.9
15.207	RSS-Gen [7.4.2]	AC Conducted Emissions 150kHz – 30MHz	< FCC 15.207 limits (RSS-Gen [7.4.2])	LINE CONDUCTED	PASS	Section 7.10

Table 7-1. Summary of Test Results

Notes:

1. All modes of operation were investigated. The test results shown in the following sections represent the worst case emissions.
2. The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
3. All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and attenuators.
4. For conducted spurious emissions, automated test software was used to measure emissions and capture the corresponding plots necessary to show compliance. The measurement software utilized is Element "Conducted Automation," Version 1.5.0.
5. For radiated testing, automated test software was used to measure emissions and capture the corresponding plots necessary to show compliance. The measurement software utilized is Element "Chamber Automation," Version 3.6.1.

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 14 of 64

7.2 99% Occupied Bandwidth

Test Overview

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Procedure Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 6.9.3
RSS-Gen [5.1]

Test Settings

1. The signal analyzers' automatic bandwidth measurement capability of the spectrum analyzer was used to perform the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. Span = between 1.5x to 5x the OBW
3. RBW = in the range of 1- 5% of the OBW
4. VBW $\geq 3 \times$ RBW
5. Detector = Peak
6. Trace mode = max hold
7. Sweep = auto couple
8. The trace was allowed to stabilize
9. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5% of the 99% occupied bandwidth observed in Step 7

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 15 of 64

Test Setup

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

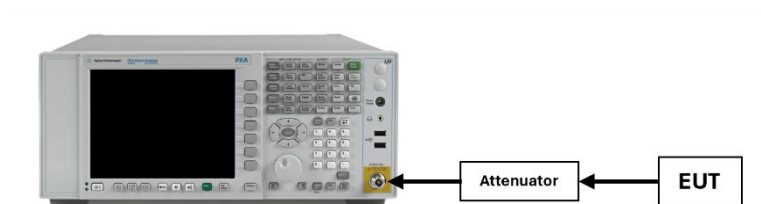


Figure 7-1. Test Instrument & Measurement Setup

Test Notes

None.

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 16 of 64

Frequency [MHz]	Data Rate [Mbps]	Power Scheme	Channel	Measured 99% Occupied Bandwidth [MHz]
2402	1.0	iPA	37	1.043
2440	1.0	iPA	17	1.043
2480	1.0	iPA	39	1.044
2404	2.0	iPA	0	2.076
2440	2.0	iPA	17	2.077
2478	2.0	iPA	36	2.077

Table 7-2. 99% OBW Measurements Antenna 0

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 17 of 64



Plot 7-1. 99% OBW Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 37)



Plot 7-2. 99% OBW Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 17)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 18 of 64

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Plot 7-3. 99% OBW Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 39)

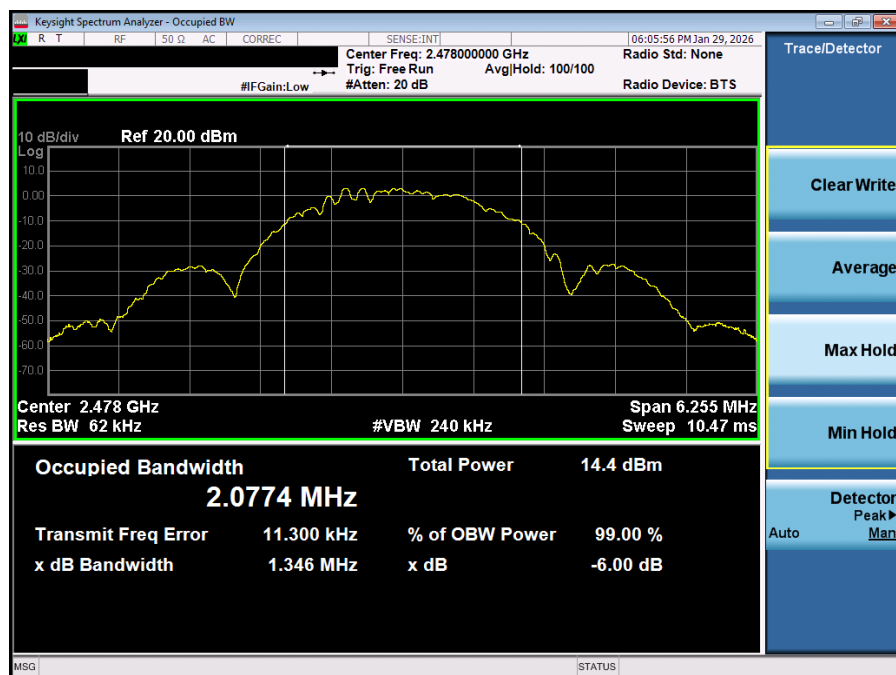


Plot 7-4. 99% OBW Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 0)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 19 of 64



Plot 7-5. 99% OBW Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 17)



Plot 7-6. 99% OBW Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 36)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 20 of 64

7.3 6 dB Bandwidth Measurement

Test Overview and Limit

The bandwidth at 6dB down from the highest in-band spectral density is measured with a spectrum analyzer connected to the transmitter antenna terminal of the EUT while the EUT is operating at maximum power and at the appropriate frequencies. All modes of operation were investigated and the worst case configuration results are reported in this section.

The minimum permissible 6dB bandwidth is 500 kHz.

Test Procedure Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.8.2 Option 2
KDB 558074 D01 v05r02 – Section 8.2

Test Settings

1. The signal analyzers' automatic bandwidth measurement capability of the spectrum analyzer was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 6. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 100kHz
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5% of the 99% occupied bandwidth observed in Step 7

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 21 of 64

Test Setup

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

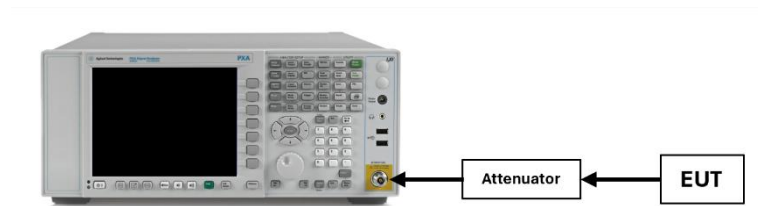


Figure 7-2. Test Instrument & Measurement Setup

Test Notes

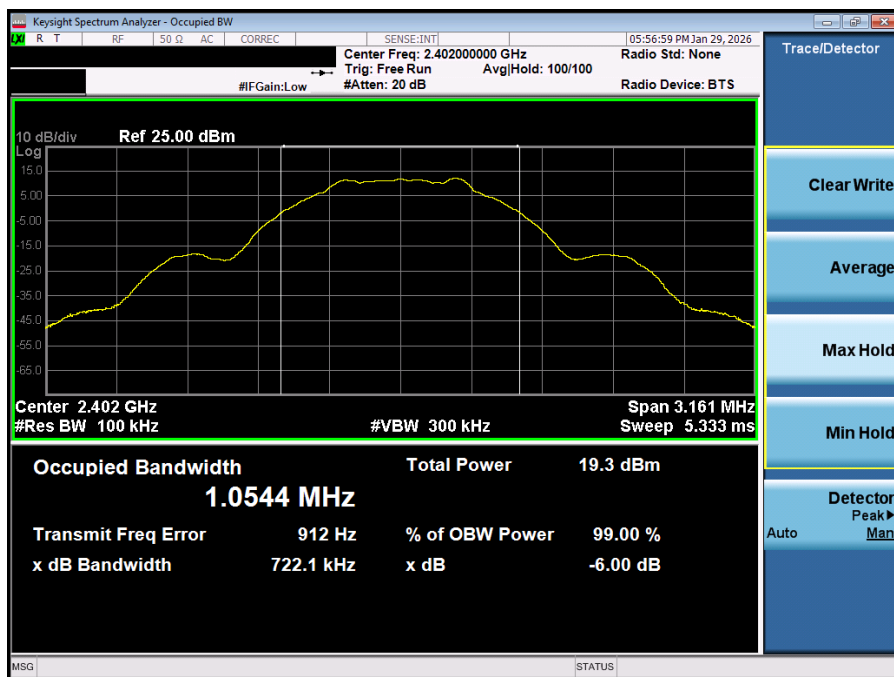
None.

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 22 of 64

Frequency [MHz]	Data Rate [Mbps]	Power Scheme	Channel	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass/Fail
2402	1.0	iPA	37	1.054	0.50	Pass
2440	1.0	iPA	17	1.055	0.50	Pass
2480	1.0	iPA	39	1.056	0.50	Pass
2404	2.0	iPA	0	2.069	0.50	Pass
2440	2.0	iPA	17	2.069	0.50	Pass
2478	2.0	iPA	36	2.070	0.50	Pass

Table 7-3. 6dB OBW Measurements Antenna 0

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 23 of 64



Plot 7-7. 6dB BW OBW Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 37)



Plot 7-8. 6dB BW OBW Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 17)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
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Plot 7-9. 6dB BW OBW Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 39)



Plot 7-10. 6dB BW OBW Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 0)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 25 of 64



Plot 7-11. 6dB BW OBW Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 17)



Plot 7-12. 6dB BW OBW Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 36)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 26 of 64

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7.4 Output Power Measurement

Test Overview and Limits

The transmitter antenna terminal of the EUT is connected to the input of a spectrum analyzer. Measurements are made while the EUT is operating at maximum power and at the appropriate frequencies.

The maximum peak conducted output power of digital modulation systems operating in the 2400-2483.5 MHz band is 1 Watt.

The conducted output power limit on paragraph above is based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For DTSS employing digital modulation techniques operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1 W. The e.i.r.p. shall not exceed 4 W.

Test Procedure Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.9.1.2 PKPM1 Peak Power Method

KDB 558074 D01 v05r02 – Section 8.3.1.3 PKPM1 Peak-reading Power Meter Method

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.9.2.3.2 Method AVGPM-G

KDB 558074 D01 v05r02 – Section 8.3.2.3 Measurement using a Power Meter (PM)

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 14.4

Test Settings

Method PKPM1 (Peak Power Measurement)

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.

Method AVGPM-G (Average Power Measurement)

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

Test Setup

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



Figure 7-3. Test Instrument & Measurement Setup for Peak and Average Power Measurement

Test Notes

None

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
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7.4.1 Peak Output Power Measurement – Bluetooth (LE)

Frequency [MHz]	Data Rate [Mbps]	Power Scheme	Channel No.	Peak Conducted Power		Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	EIRP Margin [dB]
				[dBm]	[mW]						
2402	1.0	iPA	37	15.10	32.359	30.00	-14.90	1.03	16.13	36.02	-19.89
2440	1.0	iPA	17	15.08	32.211	30.00	-14.92	1.03	16.11	36.02	-19.91
2480	1.0	iPA	39	14.88	30.761	30.00	-15.12	1.03	15.91	36.02	-20.11
2404	2.0	iPA	0	15.12	32.509	30.00	-14.88	1.03	16.15	36.02	-19.87
2440	2.0	iPA	17	15.04	31.915	30.00	-14.96	1.03	16.07	36.02	-19.95
2478	2.0	iPA	36	15.06	32.063	30.00	-14.94	1.03	16.09	36.02	-19.93

Table 7-4. Peak Conducted Output Power Measurements Antenna 0 (Bluetooth LE)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 28 of 64

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7.4.2 Average Output Power Measurement – Bluetooth (LE)

Frequency [MHz]	Data Rate [Mbps]	Power Scheme	Channel No.	Avg Conducted Power		Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	EIRP Margin [dB]
				[dBm]	[mW]						
2402	1.0	iPA	37	14.93	31.117	30.00	-15.07	1.03	15.96	36.02	-20.06
2440	1.0	iPA	17	14.90	30.903	30.00	-15.10	1.03	15.93	36.02	-20.09
2480	1.0	iPA	39	14.69	29.444	30.00	-15.31	1.03	15.72	36.02	-20.30
2404	2.0	iPA	0	14.93	31.117	30.00	-15.07	1.03	15.96	36.02	-20.06
2440	2.0	iPA	17	14.85	30.549	30.00	-15.15	1.03	15.88	36.02	-20.14
2478	2.0	iPA	36	14.87	30.690	30.00	-15.13	1.03	15.90	36.02	-20.12

Table 7-5. Average Conducted Output Power Measurements Antenna 0 (Bluetooth LE)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 29 of 64

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Note:

Sample e.i.r.p. Calculation:

At 2402MHz, the average conducted output power was calculated to be 14.93 dBm with directional gain of 1.03 dBi.

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

$$14.93 \text{ dBm} + 1.03 \text{ dBi} = 15.96 \text{ dBm}$$

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 30 of 64

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7.5 Power Spectral Density

Test Overview and Limit

The peak power density is measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power and at the appropriate frequencies.

The maximum permissible power spectral density is 8 dBm in any 3 kHz band.

Test Procedure Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.10.2 Method PKPSD
KDB 558074 D01 v05r02 – Section 8.4 DTS Maximum Power Spectral Density level in the fundamental emission
ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 14.5.2.2

Test Settings

1. Analyzer was set to the center frequency of the DTS channel under investigation
2. Span > 1.5 times the DTS channel bandwidth
3. RBW = 3kHz
4. VBW $\geq 3 \times$ RBW
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Trace was allowed to stabilize

Test Setup

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



Figure 7-4. Test Instrument & Measurement Setup

Test Notes

None

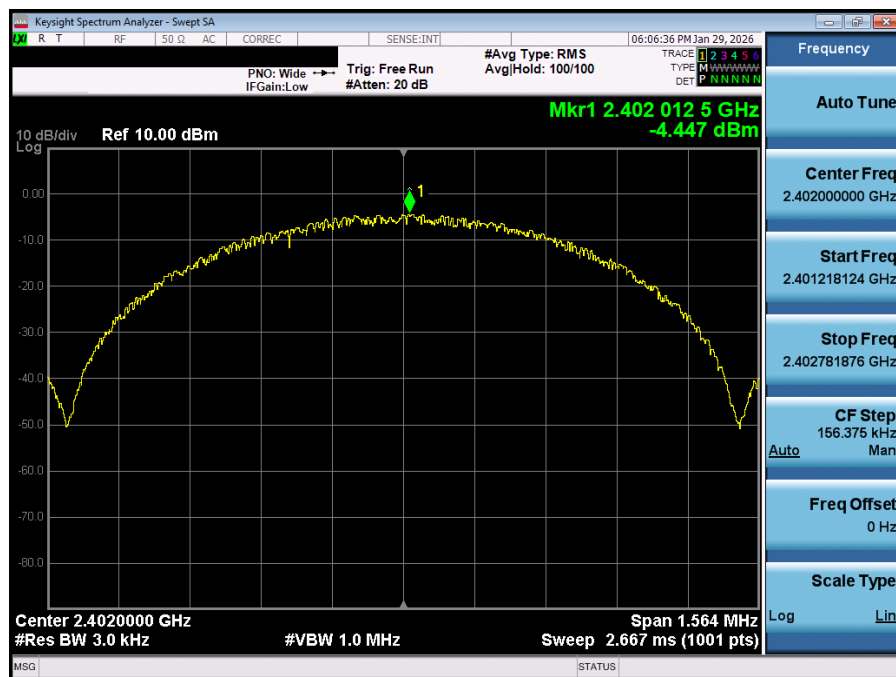
FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 31 of 64

Frequency [MHz]	Data Rate [Mbps]	Power Scheme	Channel No.	Measured Power Density [dBm/3kHz]	Max Power Density [dBm/3kHz]	Margin [dB]
2402	1.0	iPA	37	-4.45	8.0	-12.45
2440	1.0	iPA	17	-4.21	8.0	-12.21
2480	1.0	iPA	39	-4.38	8.0	-12.38
2404	2.0	iPA	0	-10.03	8.0	-18.03
2440	2.0	iPA	17	-9.72	8.0	-17.72
2478	2.0	iPA	36	-9.89	8.0	-17.89

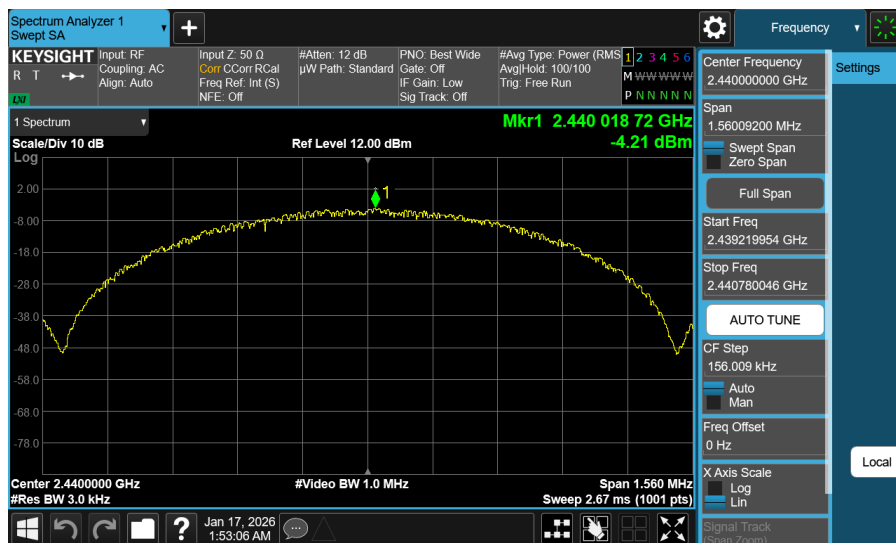
Table 7-6. Conducted Power Density Measurements Antenna 0

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 32 of 64

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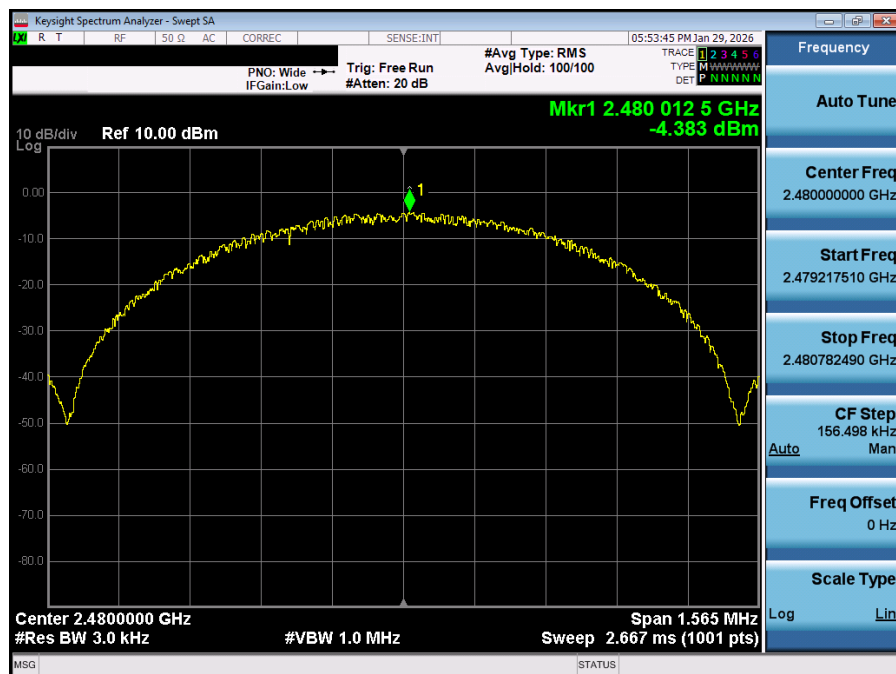


Plot 7-13. Power Spectral Density Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 37)

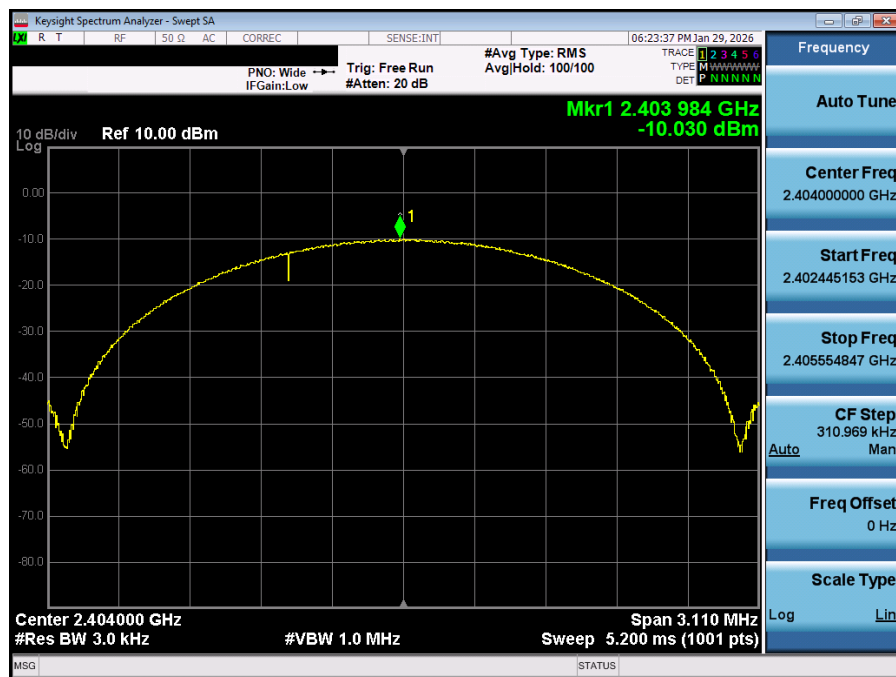


Plot 7-14. Power Spectral Density Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 17)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 33 of 64

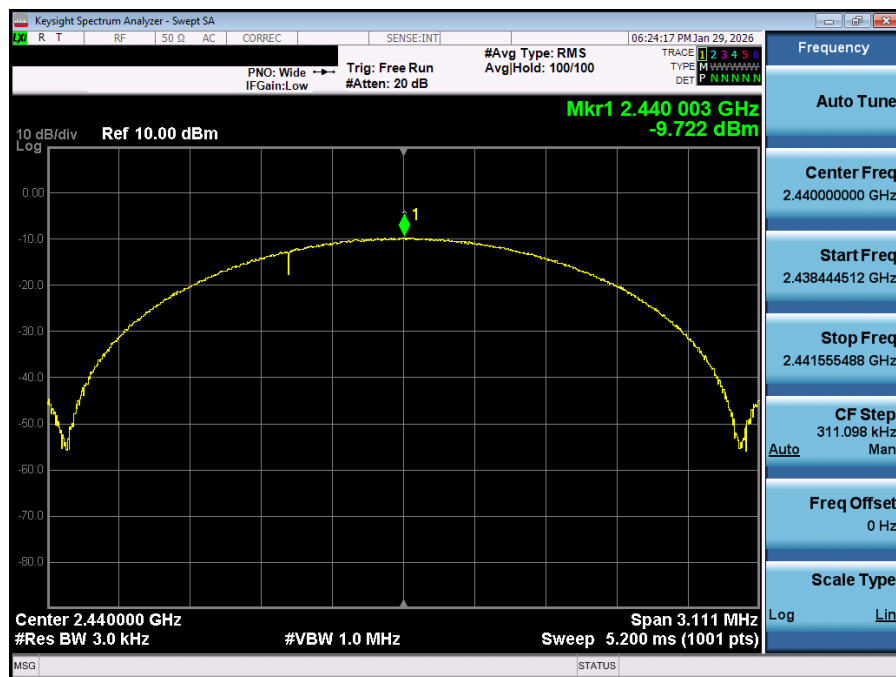


Plot 7-15. Power Spectral Density Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 39)

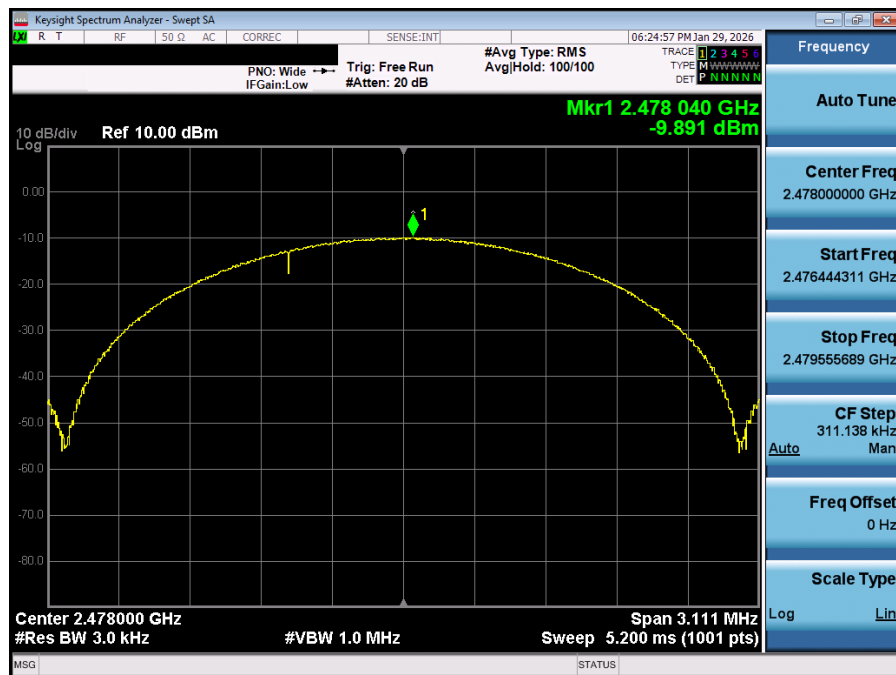


Plot 7-16. Power Spectral Density Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 0)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 34 of 64



Plot 7-17. Power Spectral Density Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 17)



Plot 7-18. Power Spectral Density Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 36)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 35 of 64

7.6 Conducted Authorized Band Edge

Test Overview and Limit

For the following out of band conducted spurious emissions plots at the band edge, the EUT was set to transmit at maximum power with the largest packet size available. These settings produced the worst-case emissions.

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth.

Test Procedure Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.11.3
KDB 558074 D01 v05r02 – Section 8.7.2

Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW = 100kHz
4. VBW $\geq 3 \times$ RBW
5. Detector = Peak
6. Number of sweep points $\geq 2 \times$ Span/RBW
7. Trace mode = max hold
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

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

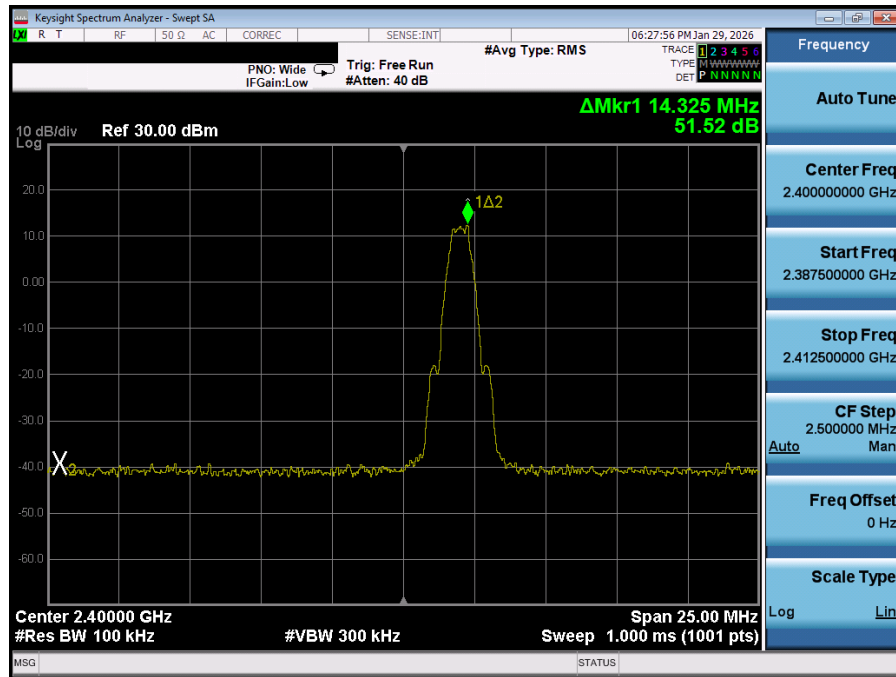


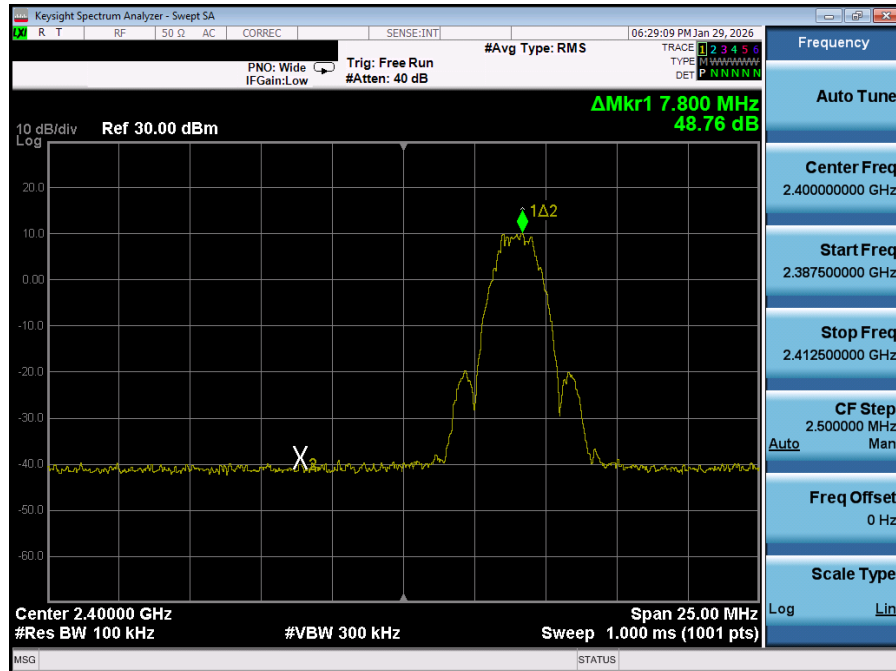
Figure 7-5. Test Instrument & Measurement Setup

Test Notes

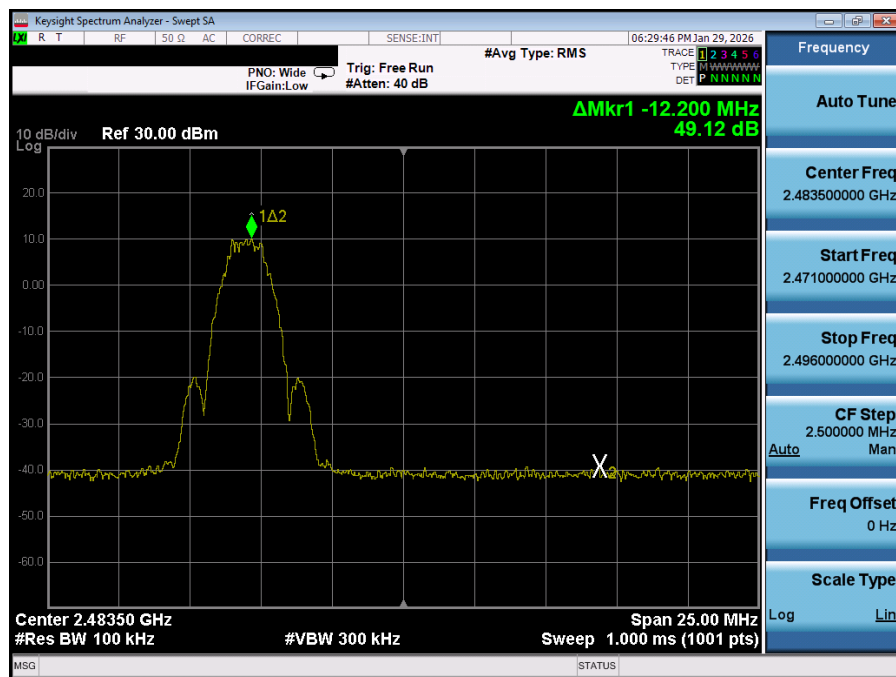
None.

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 36 of 64





Plot 7-21. Band Edge Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 0)



Plot 7-22. Band Edge Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 36)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 38 of 64

7.7 Conducted Spurious Emissions

Test Overview and Limit

For the following out of band conducted spurious emissions plots, the EUT was set to transmit at maximum power with the largest packet size available. The worst case spurious emissions were found in this configuration.

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth per the procedure in Section 8.5 of KDB 558074 D01 v05r02 and Section 11.11 of ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024.

Test Procedure Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.11.3
KDB 558074 D01 v05r02 – Section 8.5
ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 14.5.3
KDB 662911 D01 v02r01 – Section E)3)b)

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 25GHz (separated into two plots per channel)
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

Test Setup

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



Figure 7-6. Test Instrument & Measurement Setup

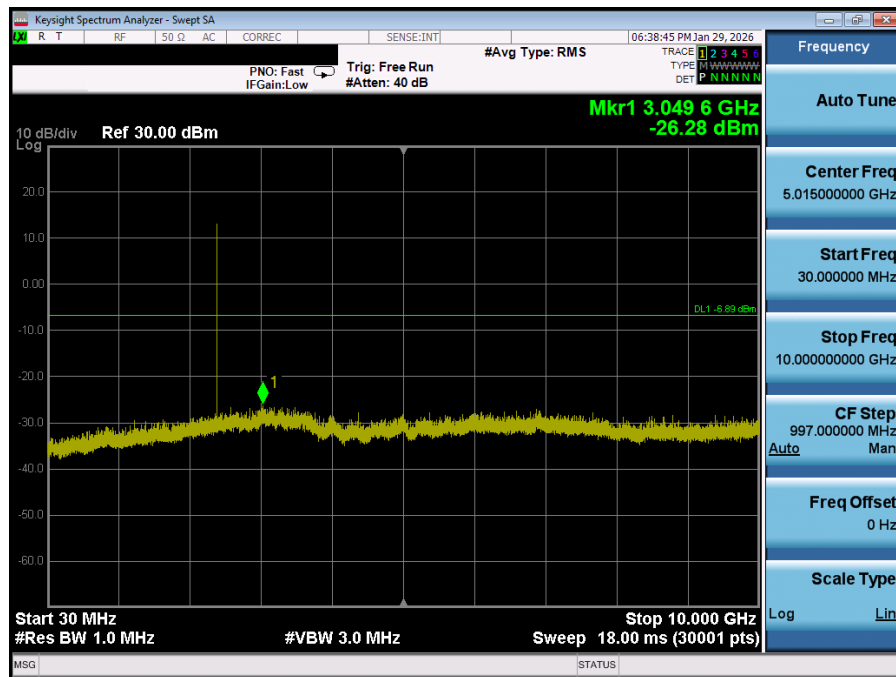
FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 39 of 64

Test Notes

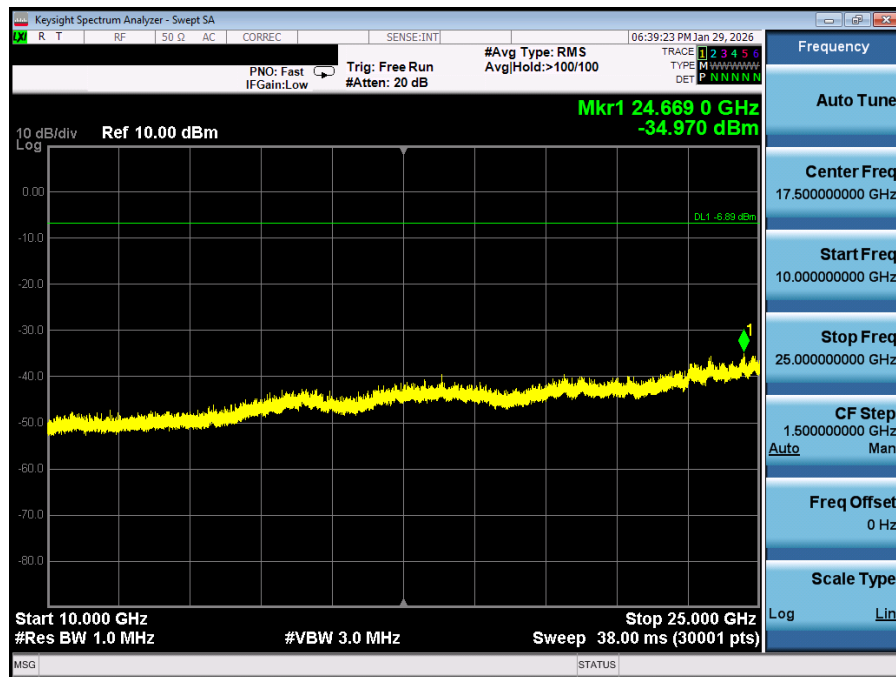
1. RBW was set to 1MHz rather than 100kHz in order to increase the measurement speed.
2. The display line shown in the following plots denotes the limit at 20dB below the fundamental emission level measured in a 100kHz bandwidth. However, since the traces in the following plots are measured with a 1MHz RBW, the display line may not necessarily appear to be 20dB below the level of the fundamental in a 1MHz bandwidth.
3. For plots showing conducted spurious emissions near the limit, the frequencies were investigated with a reduced RBW to ensure that no emissions were present.
4. All power schemes were investigated and only the worst case is reported.

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 40 of 64

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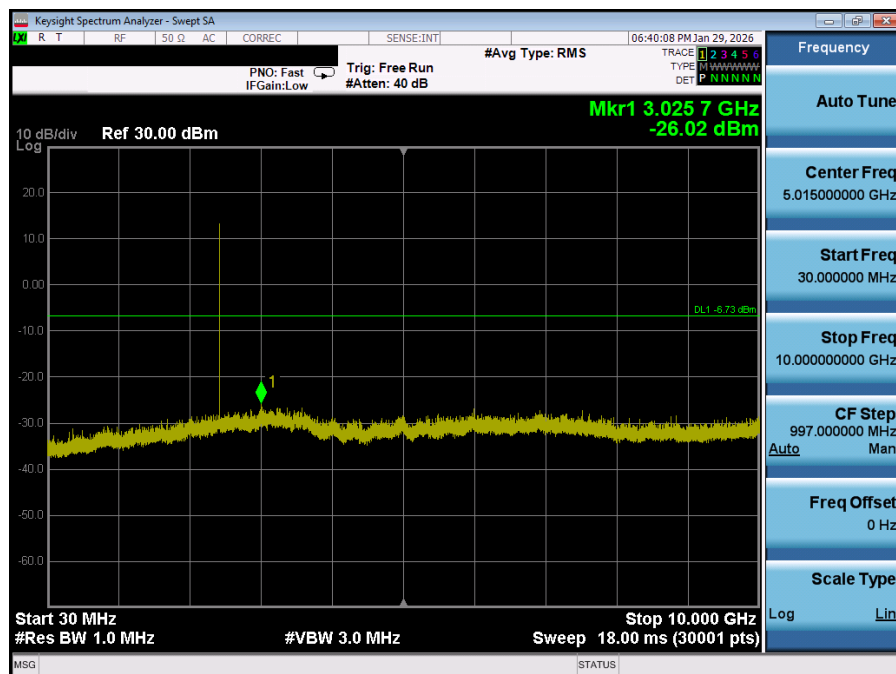


Plot 7-23. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 37)

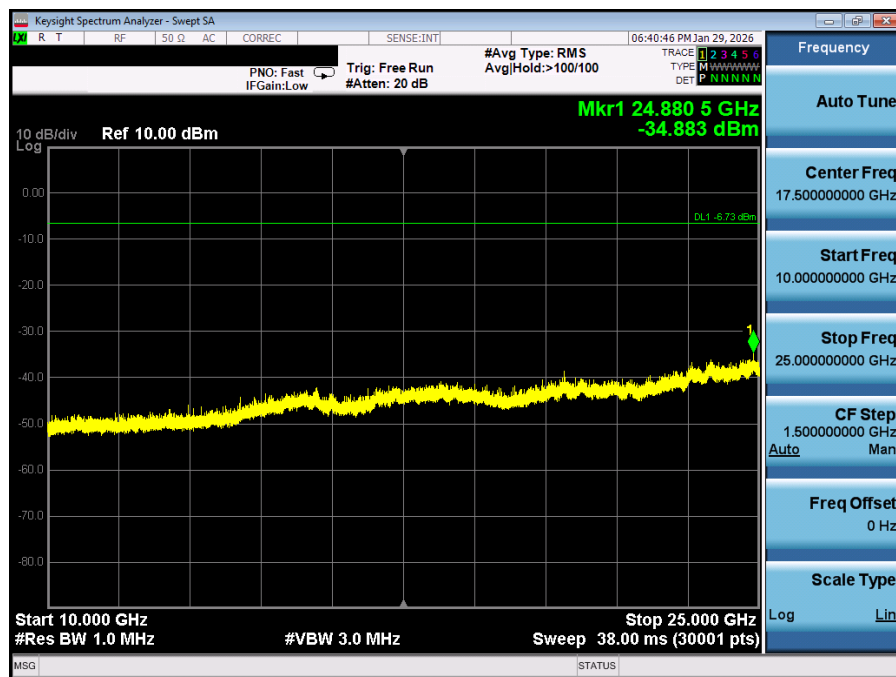


Plot 7-24. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 37)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 41 of 64

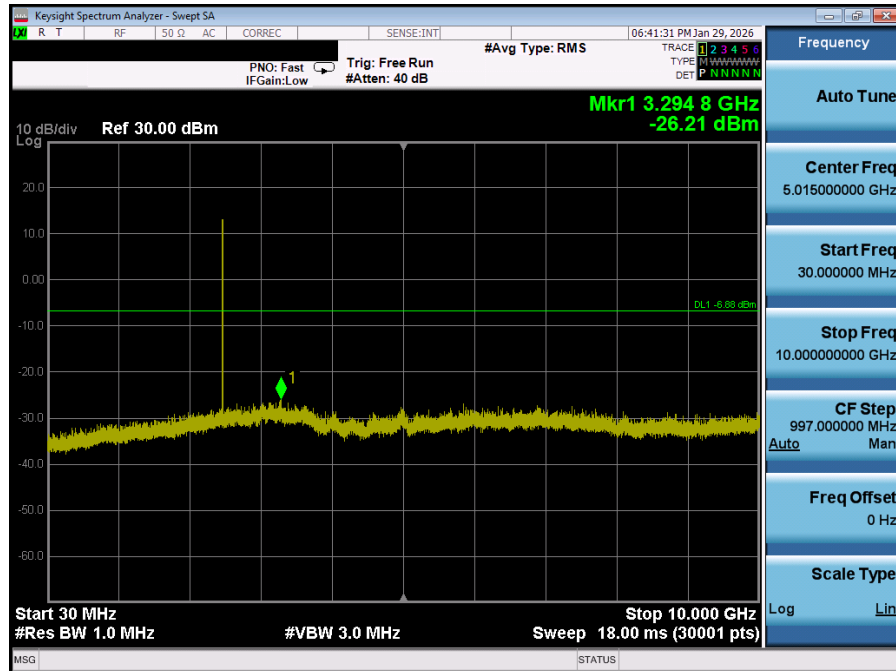


Plot 7-25. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 17)

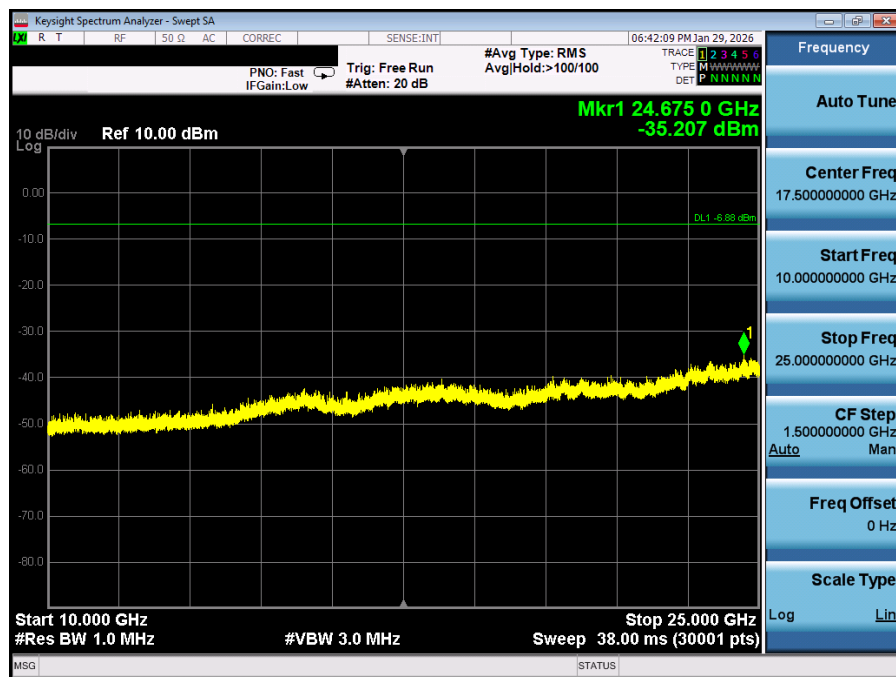


Plot 7-26. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 17)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 42 of 64

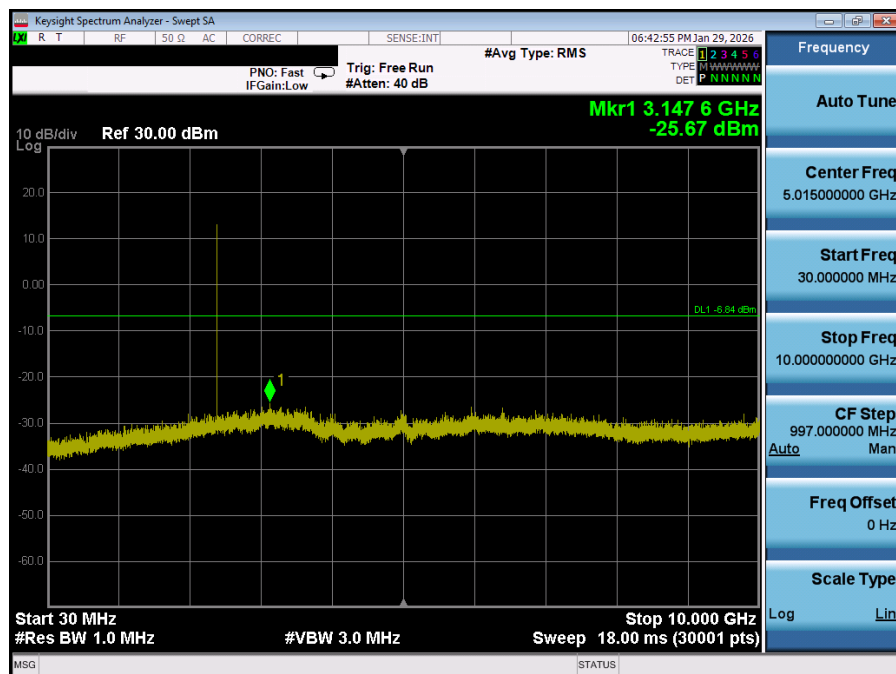


Plot 7-27. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 39)

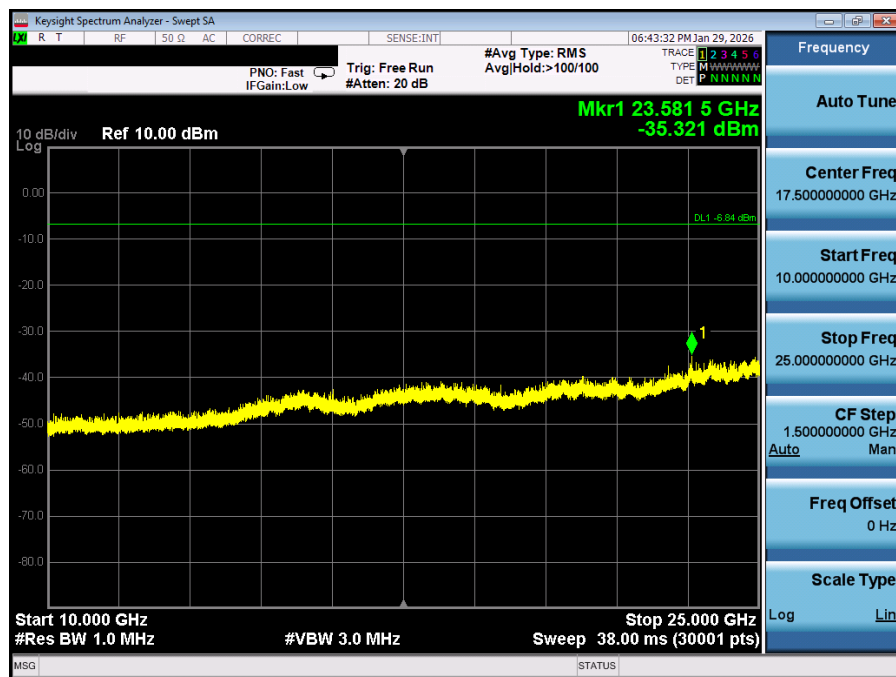


Plot 7-28. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 1Mbps, iPA – Ch. 39)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 43 of 64

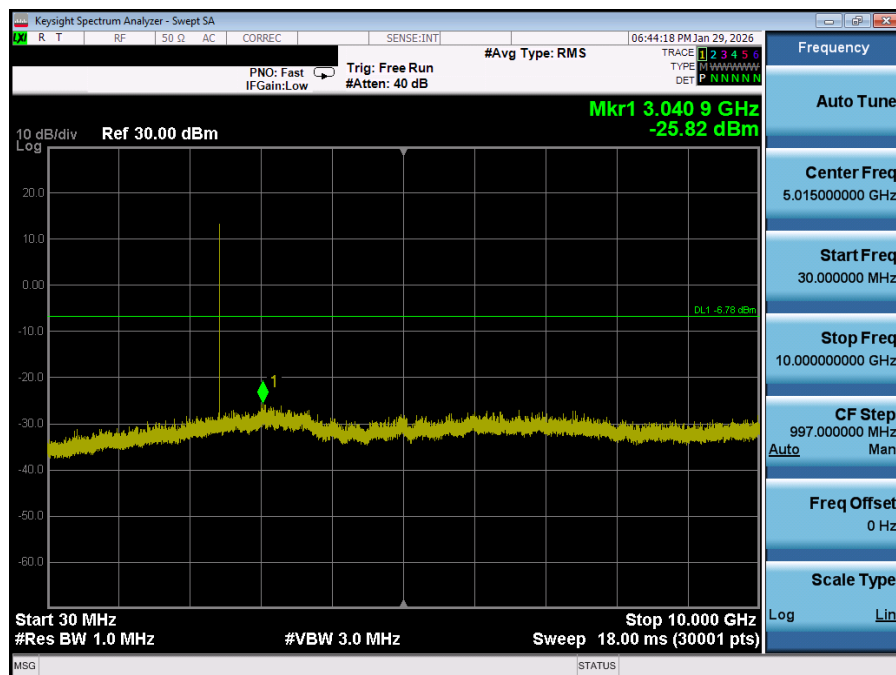


Plot 7-29. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 0)

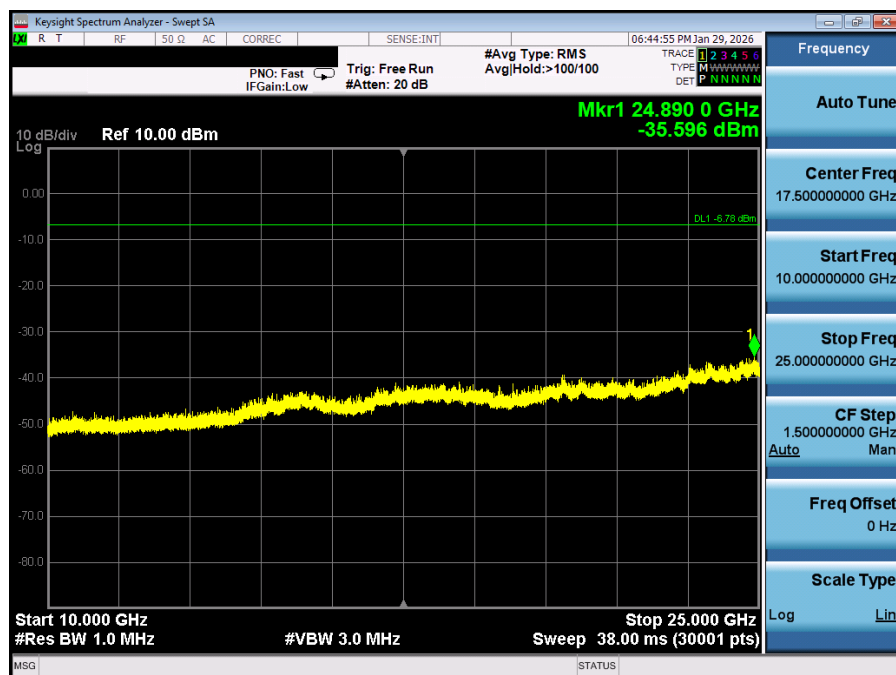


Plot 7-30. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 0)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 44 of 64

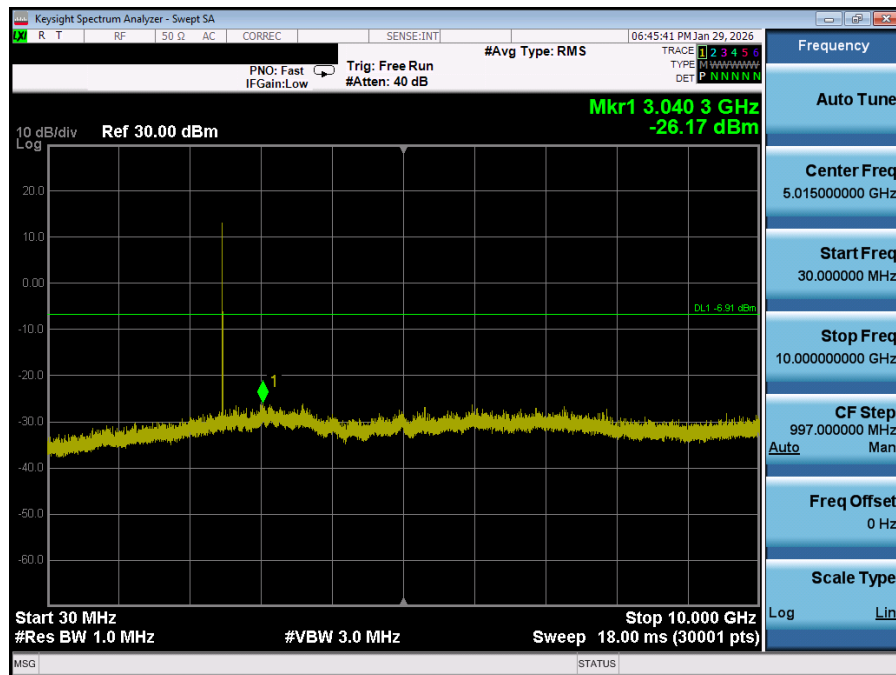


Plot 7-31. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 17)

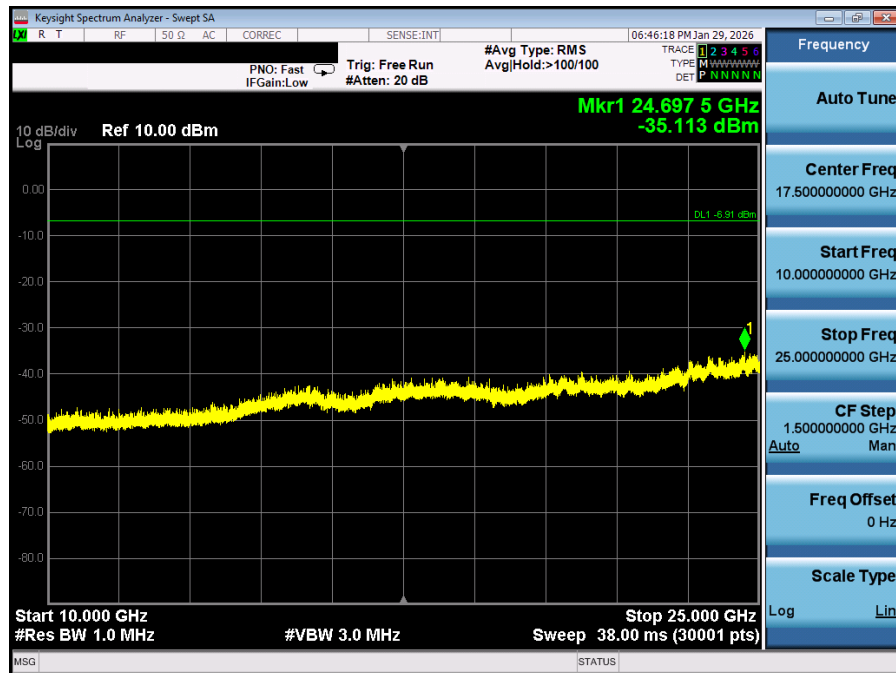


Plot 7-32. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 17)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 45 of 64



Plot 7-33. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 36)



Plot 7-34. Conducted Spurious Plot Antenna 0 (Bluetooth (LE), 2Mbps, iPA – Ch. 36)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 46 of 64

7.8 Radiated Spurious Emissions – 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 maximum power and at the appropriate frequencies. 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 7 of RSS-Gen (7.5) must not exceed the limits shown in Table 7-7 per Section 15.209 and RSS-Gen (7.4.3).

Frequency	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-7. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 6.6.4.3
KDB 558074 D01 v05r02 – Sections 8.6, 8.7

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 $\geq 2 \times \text{span/RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces

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

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
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Test Setup

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

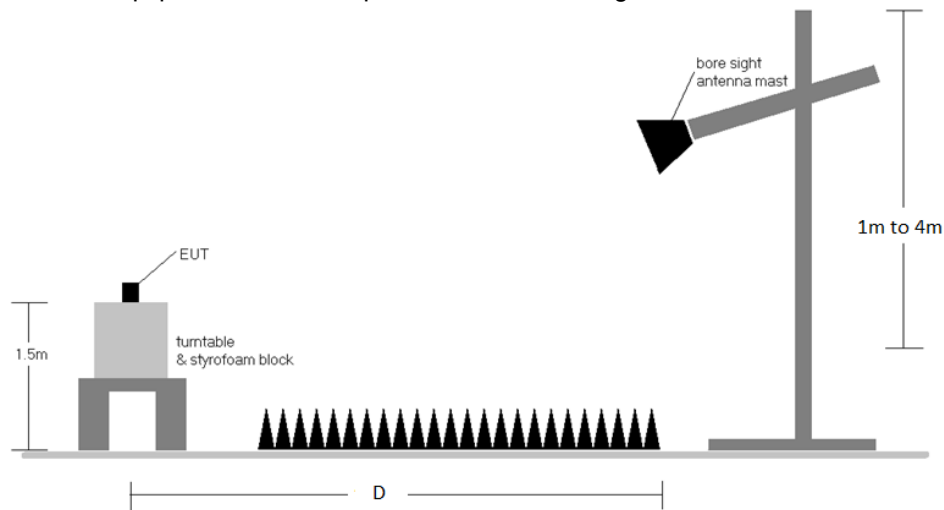


Figure 7-7. Radiated Test Setup >1GHz

Test Notes

1. The optional test procedures for antenna port conducted measurements of unwanted emissions per the guidance of KDB 558074 D01 v05r02 were not used to evaluate this device for compliance to radiated limits. All radiated spurious emissions levels were measured in a radiated test setup.
2. All emissions lying in restricted bands specified in §15.205 and Section 7.5 of RSS-Gen are below the limit shown in Table 7-7.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through one orthogonal plane.
4. This unit was tested while powered by an AC power source.
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 "-" shown in the following RSE tables are used to denote a noise floor measurement.
8. All modes were investigated and only the worst case is reported.

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Sample Calculations

Determining Spurious Emissions Levels

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

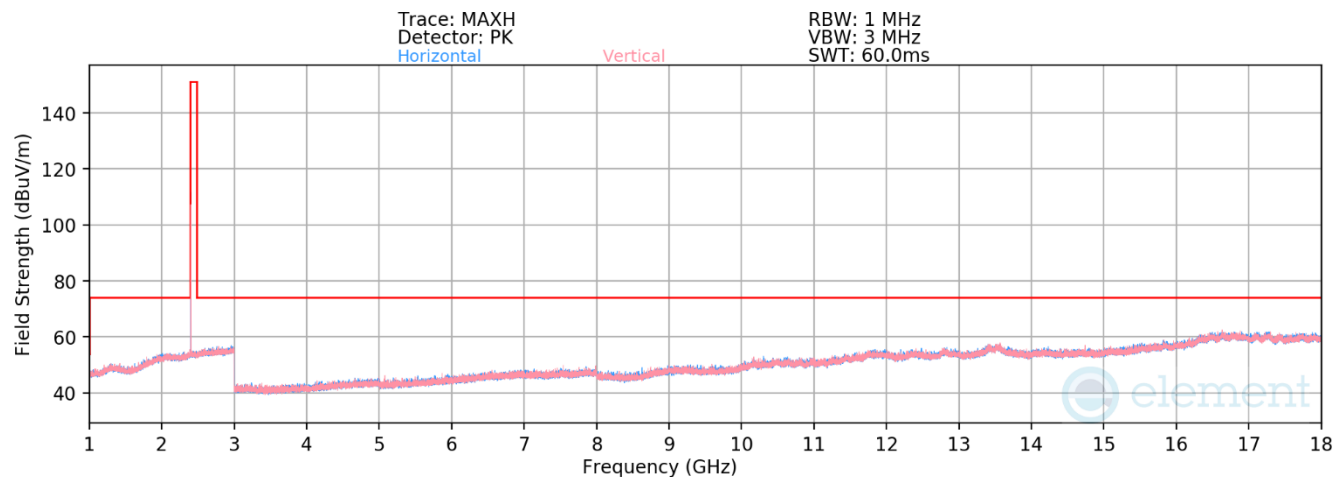
Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.8.2 was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
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7.8.1 Antenna 0 Radiated Spurious Emission Measurements (1 – 18GHz)



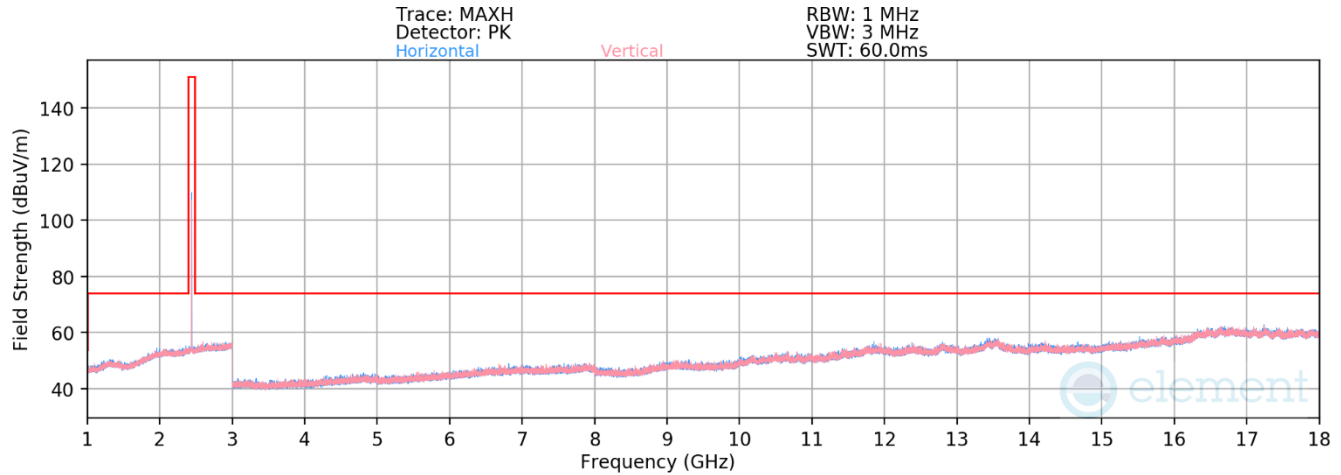
Plot 7-35. Radiated Spurious Emissions 1-18GHz Antenna 0 (1Mbps, iPA - Ch. 37)

Bluetooth Mode:	LE
Data Rate:	1Mbps
Power Scheme:	iPA
Distance of Measurements:	3 Meters
Operating Frequency:	2402MHz
Channel:	37

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]
4804.00	Avg	H	-	-	-81.96	9.23	34.27	53.98	-19.71
4804.00	Peak	H	-	-	-70.37	9.23	45.86	73.98	-28.12
12010.00	Avg	H	-	-	-83.90	20.31	43.41	53.98	-10.57
12010.00	Peak	H	-	-	-72.40	20.31	54.91	73.98	-19.07

Table 7-8. Radiated Spurious Emission Measurements Antenna 0

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 50 of 64



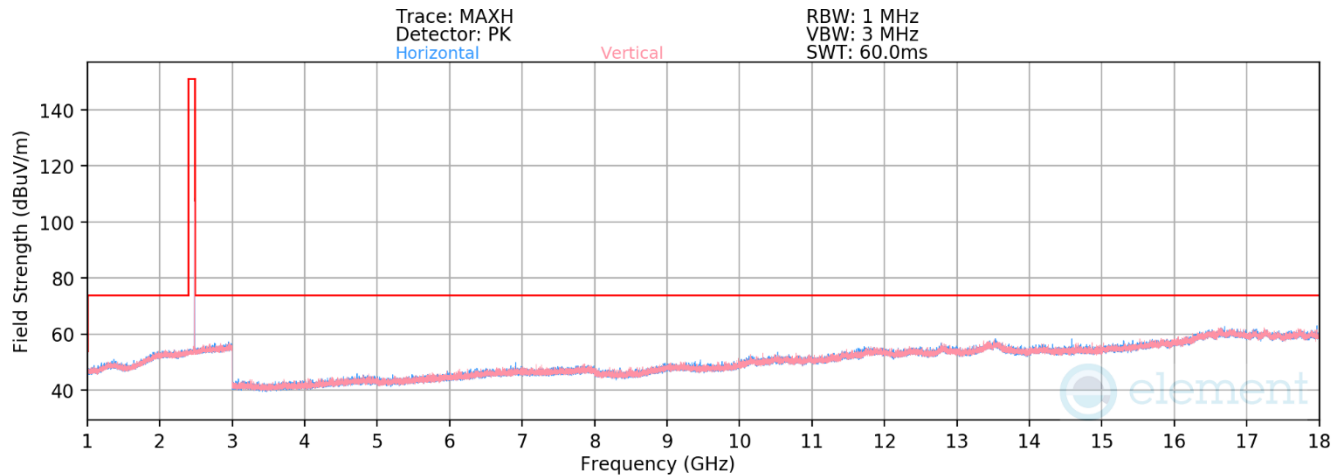
Plot 7-36. Radiated Spurious Emissions 1-18GHz Antenna 0 (1Mbps, iPA – Ch. 17)

Bluetooth Mode: LE
Data Rate: 1Mbps
Power Scheme: iPA
Distance of Measurements: 3 Meters
Operating Frequency: 2440MHz
Channel: 17

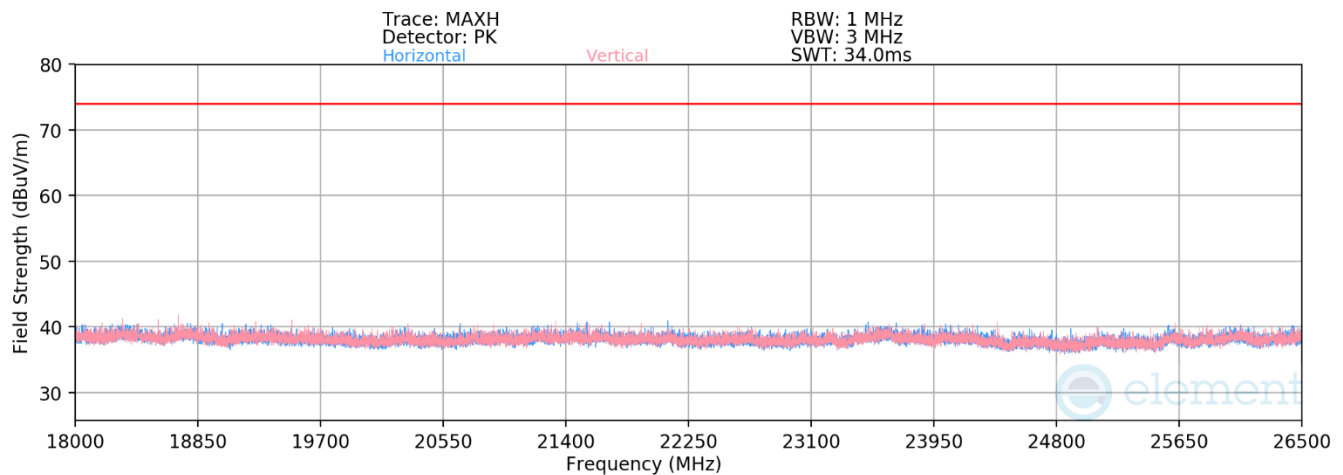
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4880.00	Avg	H	273	271	-82.06	9.44	34.38	53.98	-19.60
4880.00	Peak	H	273	271	-70.35	9.44	46.09	73.98	-27.89
7320.00	Avg	H	-	-	-83.71	13.23	36.52	53.98	-17.46
7320.00	Peak	H	-	-	-72.46	13.23	47.77	73.98	-26.21
12200.00	Avg	H	-	-	-85.23	21.09	42.86	53.98	-11.12
12200.00	Peak	H	-	-	-73.71	21.09	54.38	73.98	-19.60

Table 7-9. Radiated Spurious Emission Measurements Antenna 0

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
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Plot 7-37. Radiated Spurious Emissions 1-18GHz Antenna 0 (1Mbps, iPA – Ch. 39)



Plot 7-38. Radiated Spurious Emissions Above 18GHz Antenna 0 (1Mbps, iPA – Ch. 39)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 52 of 64

Bluetooth Mode:	LE
Data Rate:	1Mbps
Power Scheme:	iPA
Distance of Measurements:	3 Meters
Operating Frequency:	2480MHz
Channel:	39

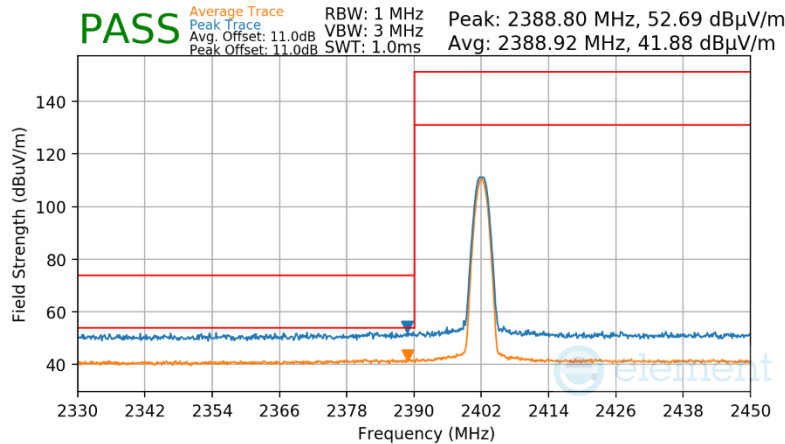
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Dist. Corr. Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4960.00	Avg	H	258	262	-79.45	9.65	0.00	37.20	53.98	-16.78
4960.00	Peak	H	258	262	-69.99	9.65	0.00	46.66	73.98	-27.32
7440.00	Avg	H	-	-	-83.84	13.39	0.00	36.55	53.98	-17.43
7440.00	Peak	H	-	-	-72.55	13.39	0.00	47.84	73.98	-26.14
12400.00	Avg	H	-	-	-84.91	21.62	0.00	43.71	53.98	-10.27
12400.00	Peak	H	-	-	-72.94	21.62	0.00	55.68	73.98	-18.30
19840.00	Avg	H	-	-	-60.25	-7.83	-9.54	29.38	53.98	-24.60
19840.00	Peak	H	-	-	-48.38	-7.83	-9.54	41.25	73.98	-32.73
22320.00	Avg	H	-	-	-61.06	-7.57	-9.54	28.83	53.98	-25.15
22320.00	Peak	H	-	-	-49.36	-7.57	-9.54	40.53	73.98	-33.45
24800.00	Avg	H	-	-	-62.06	-6.52	-9.54	28.88	53.98	-25.10
24800.00	Peak	H	-	-	-50.80	-6.52	-9.54	40.14	73.98	-33.84

Table 7-10. Radiated Spurious Emission Measurements Antenna 0

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-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 53 of 64

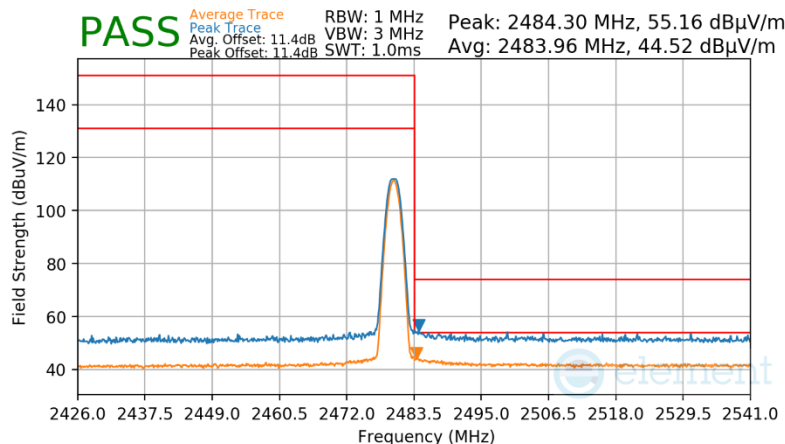
7.8.2 Antenna 0 Radiated Restricted Band Edge Measurements

Bluetooth Mode:	LE
Data Rate:	1Mbps
Power Scheme:	iPA
Measurement Distance:	3 Meters
Operating Frequency:	2402MHz
Channel:	37



Plot 7-39. Radiated Restricted Lower Band Edge Measurement Antenna 0 (Average & Peak)

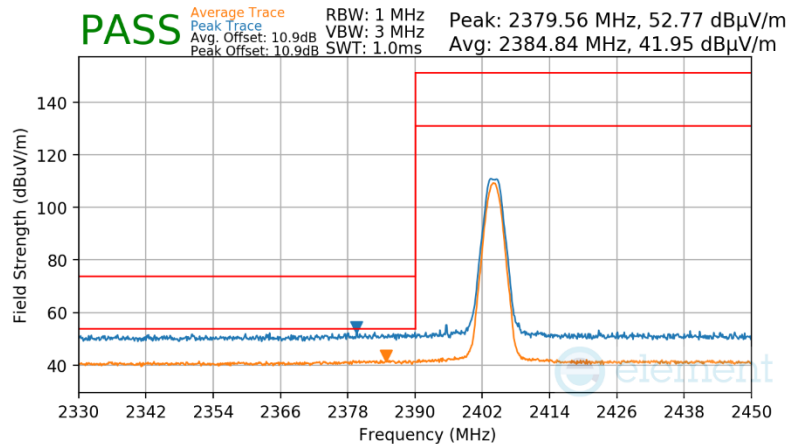
Bluetooth Mode:	LE
Data Rate:	1Mbps
Power Scheme:	iPA
Measurement Distance:	3 Meters
Operating Frequency:	2480MHz
Channel:	39



Plot 7-40. Radiated Restricted Upper Band Edge Measurement Antenna 0 (Average & Peak)

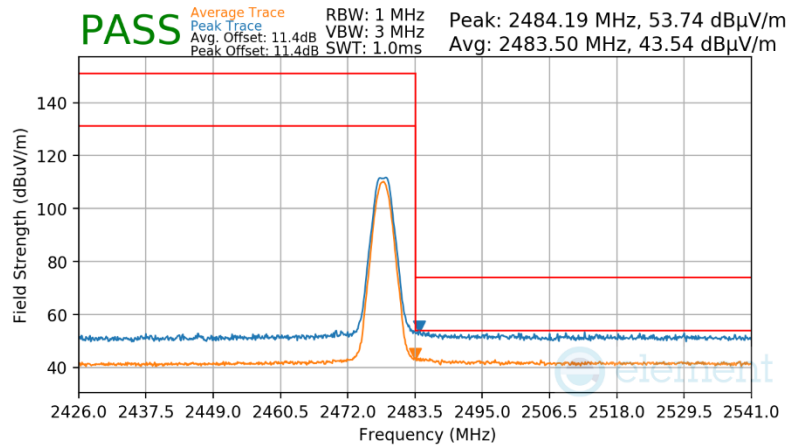
FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
Test Report S/N: 1C2505300067-02-R3.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		

Bluetooth Mode:	LE
Data Rate:	2Mbps
Power Scheme:	iPA
Measurement Distance:	3 Meters
Operating Frequency:	2404MHz
Channel:	0



Plot 7-41. Radiated Restricted Lower Band Edge Measurement Antenna 0 (Average & Peak)

Bluetooth Mode:	LE
Data Rate:	2Mbps
Power Scheme:	iPA
Measurement Distance:	3 Meters
Operating Frequency:	2478MHz
Channel:	36



Plot 7-42. Radiated Restricted Upper Band Edge Measurement Antenna 0 (Average & Peak)

FCC ID: BCGA3374 IC: 579C-A3374		Test Dates: 05/12/2025 - 02/25/2026	EUT Type: Smart Speaker	Approved by: Technical Manager
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7.9 Radiated Spurious Emissions – Below 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 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 7 of RSS-Gen (7.5) must not exceed the limits shown in Table 7-11 per Section 15.209 and RSS-Gen (7.4.3).

Frequency	Field Strength [μV/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 7-11. 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
6. Trace mode = max hold
7. Trace was allowed to stabilize

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Test Setup

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

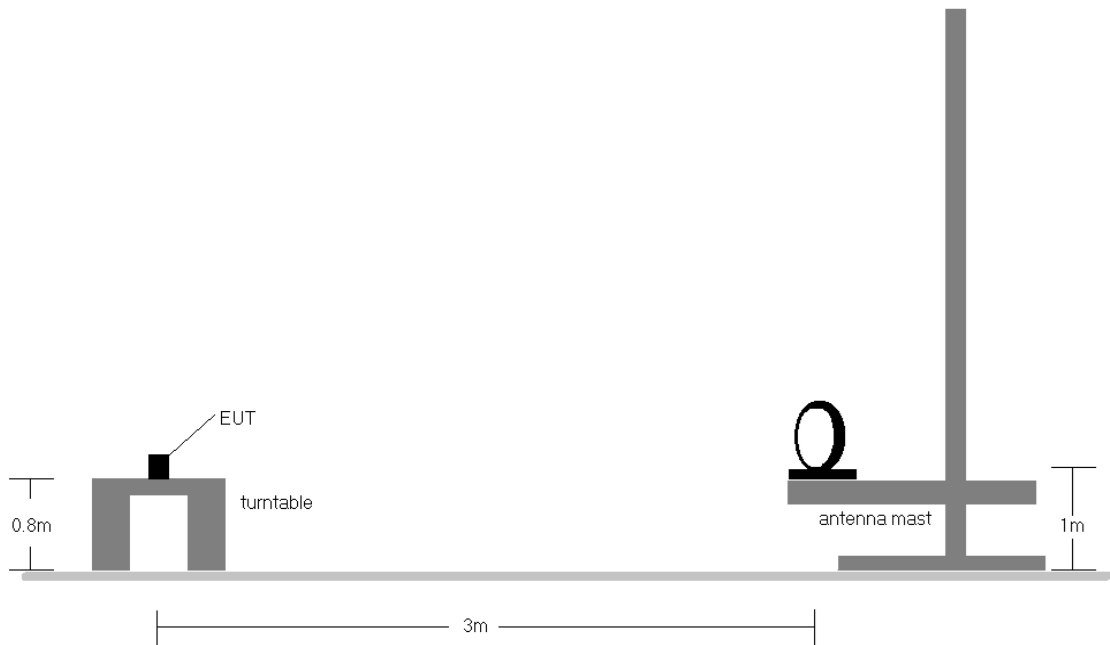


Figure 7-8. Radiated Test Setup < 30MHz

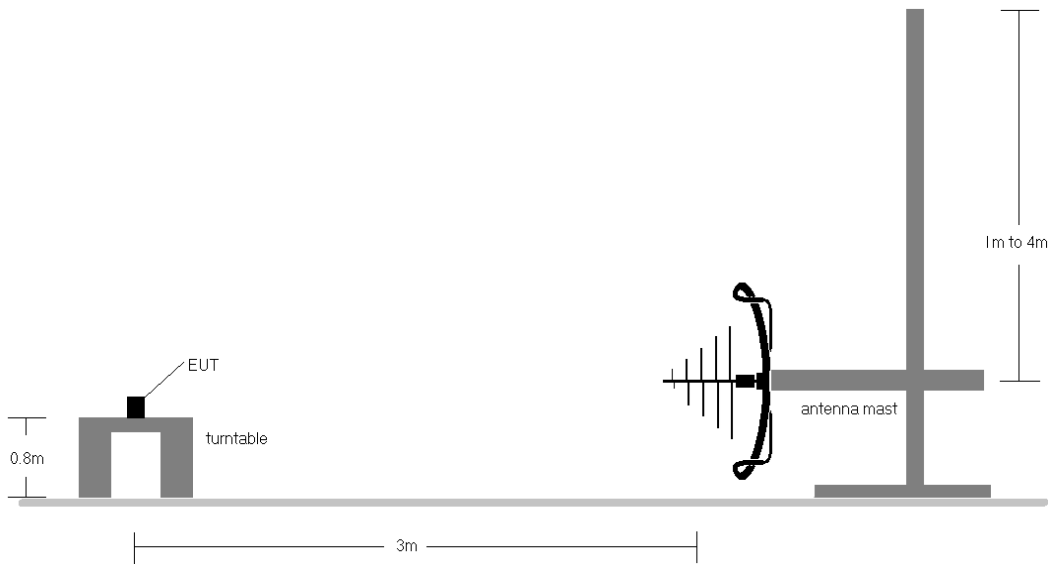


Figure 7-9. Radiated Test Setup < 1GHz

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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 7-11.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through one orthogonal plane. 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 power source.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector on emissions that were 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. All modes were investigated and only the worst case is reported.
10. The following configuration was investigated, and EUT powered by AC/DC was the worst case.
 - a. EUT powered by AC/DC adaptor via USB-C cable

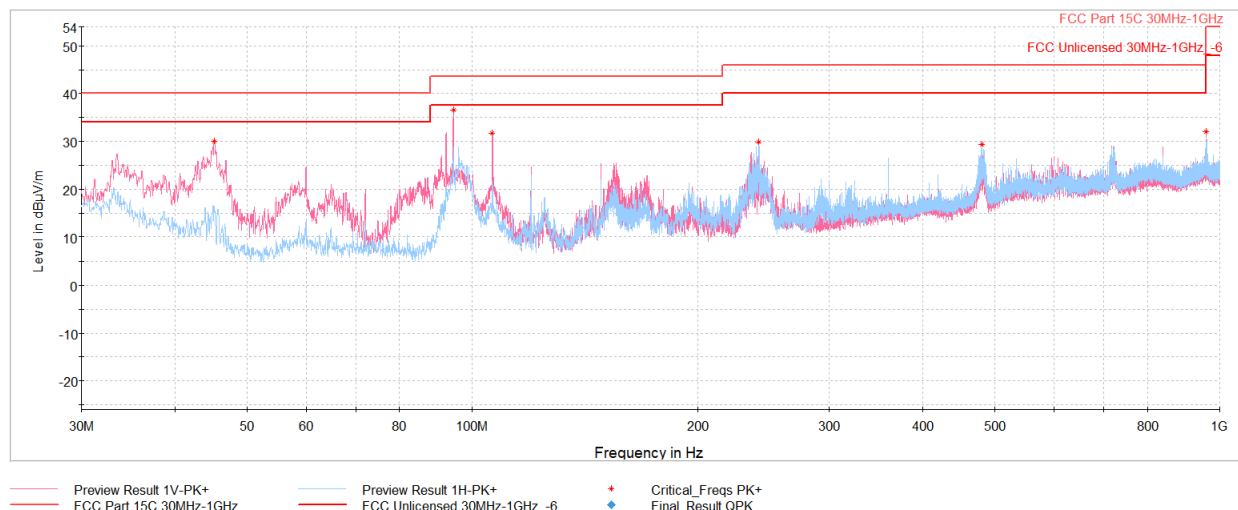
Sample Calculations

Determining Spurious Emissions Levels

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

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7.9.1 Antenna 0 Radiated Spurious Emissions Measurements (Below 1GHz)



Plot 7-43. Radiated Spurious Emissions Below 1GHz Antenna 0 (1Mbps – Ch.39, iPA, Pol. H & V, with AC/DC Adapter)

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]
45.18	Max-Peak	V	100	0	-53.76	-23.20	30.04	40.00	-9.96
94.46	Max-Peak	V	100	234	-48.83	-21.54	36.63	43.52	-6.89
106.48	Max-Peak	V	100	282	-54.95	-20.34	31.71	43.52	-11.81
241.61	Max-Peak	H	100	128	-60.88	-16.34	29.78	46.02	-16.24
479.98	Max-Peak	H	200	68	-67.73	-9.99	29.28	46.02	-16.74
960.04	Max-Peak	V	200	317	-71.10	-3.89	32.01	53.98	-21.97

Table 7-12. Radiated Spurious Emissions Below 1GHz Antenna 0 (1Mbps – Ch.39, iPA, Pol. H & V, with AC/DC Adapter)

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7.10 AC Line-Conducted Emissions Measurement

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 (dB μ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-13. 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

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Test Setup

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

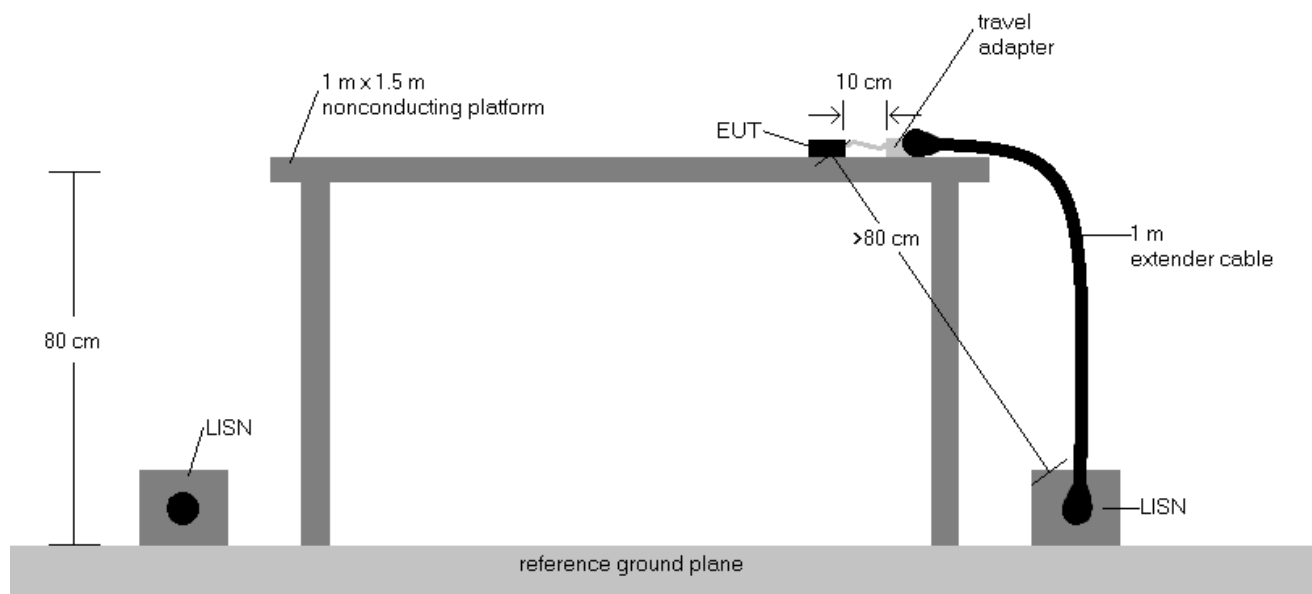
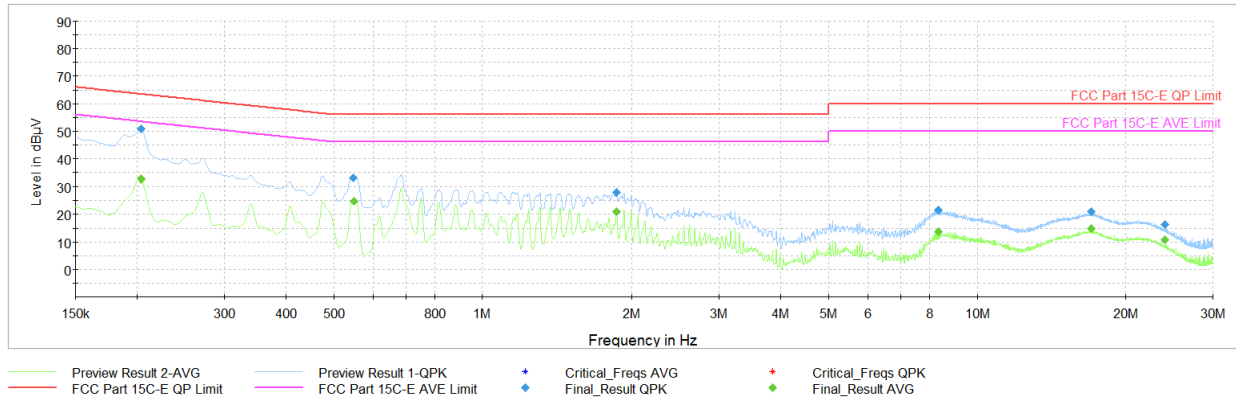


Figure 7-10. Test Instrument & Measurement Setup

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 following configuration was investigated, and EUT powered by AC/DC was the worst case.
 - a. EUT powered by AC/DC adaptor via USB-C cable
3. The limit for an intentional radiator from 150kHz to 30MHz are specified in Part 15.207 and RSS-Gen (7.4.2).
4. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Correction Factor (dB)}$
6. $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plot are made using a quasi peak and average detectors.
8. Deviations to the Specifications: None.

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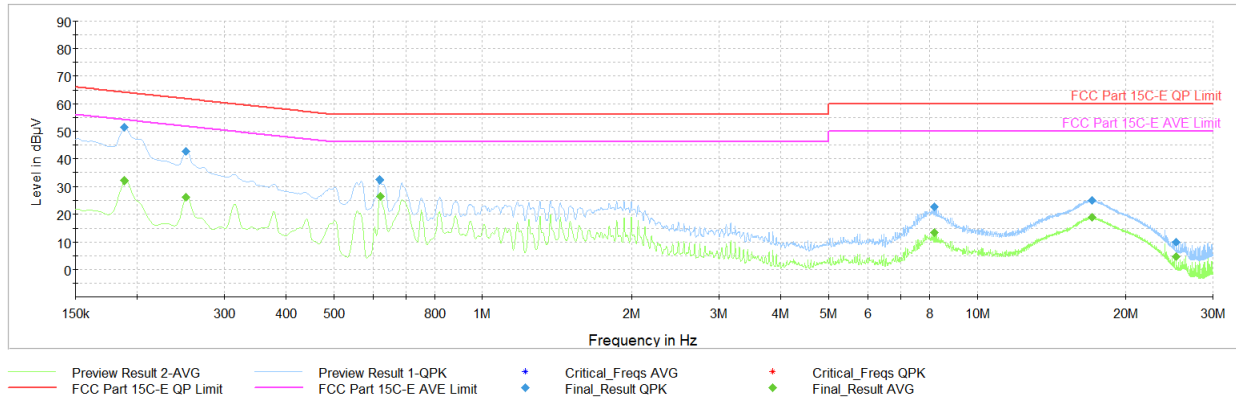


Plot 7-44. AC Line Conducted Plot with Bluetooth LE Antenna 0 (L1, 1Mbps iPA – Ch.39 with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.204	FINAL	—	32.75	53.45	-20.70	L1	GND
0.204	FINAL	50.7	—	63.45	-12.74	L1	GND
0.548	FINAL	33.0	—	56.00	-22.96	L1	GND
0.551	FINAL	—	24.90	46.00	-21.10	L1	GND
1.862	FINAL	28.0	—	56.00	-28.01	L1	GND
1.862	FINAL	—	21.13	46.00	-24.87	L1	GND
8.331	FINAL	21.7	—	60.00	-38.35	L1	GND
8.331	FINAL	—	13.77	50.00	-36.23	L1	GND
17.016	FINAL	—	14.78	50.00	-35.22	L1	GND
17.018	FINAL	21.0	—	60.00	-39.00	L1	GND
24.000	FINAL	—	10.79	50.00	-39.21	L1	GND
24.000	FINAL	16.3	—	60.00	-43.69	L1	GND

Table 7-14. AC Line Conducted Data with Bluetooth LE Antenna 0 (L1, 1Mbps iPA – Ch.39 with AC/DC Adapter)

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Plot 7-45. AC Line Conducted Plot with Bluetooth LE Antenna 0 (N, 1Mbps iPA – Ch.39, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.188	FINAL	—	32.13	54.11	-21.98	N	GND
0.188	FINAL	51.5	—	64.11	-12.59	N	GND
0.251	FINAL	—	26.32	51.72	-25.40	N	GND
0.251	FINAL	42.5	—	61.72	-19.17	N	GND
0.620	FINAL	32.3	—	56.00	-23.74	N	GND
0.623	FINAL	—	26.61	46.00	-19.39	N	GND
8.203	FINAL	22.7	—	60.00	-37.34	N	GND
8.203	FINAL	—	13.51	50.00	-36.49	N	GND
17.088	FINAL	25.2	—	60.00	-34.81	N	GND
17.088	FINAL	—	18.85	50.00	-31.15	N	GND
25.296	FINAL	—	4.68	50.00	-45.32	N	GND
25.296	FINAL	10.0	—	60.00	-50.04	N	GND

Table 7-15. AC Line Conducted Data with Bluetooth LE Antenna 0 (N, 1Mbps iPA – Ch.39 with AC/DC Adapter)

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8 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Apple Smart Speaker FCC ID: BCGA3374 and IC: 579C-A3374** 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.

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