

TEST REPORT

Report No.: 26070454HKG-007

Warmup plc

Application For Original Grant of 47 CFR Part 15 Certification

New Family of RSS-210 Issue 11 Certification

Programmable Thermostat

FCC ID: 2AHBWRSWNAP

IC: 21121-RSWNAP

This report contains the data of Bluetooth Classic portion only

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TEST REPORT

GENERAL INFORMATION

Grantee:	Warmup plc
Grantee Address:	704 Tudor Estate, Abbey Road London NW10 7UW United Kingdom
FCC Specification Standard:	FCC Part 15, October 1, 2024 Edition
FCC ID:	2AHBWRSWNAP
FCC Model(s):	RSW-04-WH-LC, 0804-0403-TW, 0804-0403-TB
IC Specification Standard:	RSS-210 Issue 11, June 2024 RSS-Gen Issue 5 Amendment 2, February 2021
IC:	21121-RSWNAP
HVIN:	RSW-04-WH-LC(P), 0804-0403-TW(P), 0804-0403-TB(P)
PMN:	RSW-04-WH-LC, 0804-0403-TW, 0804-0403-TB
Type of EUT:	Transceiver
Description of EUT:	Programmable Thermostat
Brand Name:	Warmup, Laticrete
Sample Receipt Date:	August 06, 2026
Date of Test:	August 06, 2026 to August 17, 2026
Report Date:	August 24, 2026
Environmental Conditions:	Temperature: +10 to 40°C Relative Humidity: 10 to 90%
Conclusion:	Test was conducted by client submitted sample. The submitted sample as received complied with the 47 CFR Part 15 / RSS-210 Issue 11 Certification. This report contains the data of Bluetooth Classic portion only

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SUMMARY OF TEST RESULT

Test Items	FCC Part 15 Section	RSS-210 / RSS-Gen [#]	Results
Transmitter Power Line Conducted Emissions	15.207	8.8 [#]	Complied
Radiated Emission	15.249, 15.209	B.10 / 8.9 [#]	Complied
Radiated Emission on the Bandedge			Complied
Radiated Emission in Restricted Bands	15.205	8.10 [#]	Complied

For all technical data can be referred to Annex B – Report cover sheet.

For electronic filing, the Annex B – Report cover sheet is saved with filename: Annex B.pdf.

The equipment under test is found to be complying with the following standards:

FCC Part 15, October 1, 2024 Edition

RSS-210 Issue 11, June 2024

RSS-Gen Issue 5 Amendment 2, February 2021

- Note:
1. The EUT uses a permanently attached antenna which, in accordance to section 15.203, is considered sufficient to comply with the pervisions of this section.
 2. Pursuant to FCC Part 15 Section 15.215(c), the 20dB bandwidth of the emission was contained within the frequency band designated (mentioned as above) which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over expected variations in temperature and supply voltage were considered.

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TEST REPORT

1.0 GENERAL DESCRIPTION

1.1 Product Description

The Equipment Under Test (EUT) is a Wi-Fi and Bluetooth Classic enabled thermostat designed to provide timed regulation of electric underfloor heating systems.

For Bluetooth Classic Mode, it operates at frequency range of 2402.000 MHz to 2480.000 MHz with 79 channels, the channels are separated with 1MHz spacing.

The EUT is powered by 120VAC.

The antenna(s) used in the EUT is integral, and the test sample is a prototype.
Peak Antenna Gain: 3.71dBi

The Model(s): RSW-04-WH-LC and 0804-0403-TB are the same as the Model: 0804-0403-TW in electronics/electrical designs including software & firmware, PCB layout and construction design/physical design/enclosure. The only differences between these models are color, exterior casing, packaging, trade name and model number to be sold for marketing purpose as declared by client.

Antenna Type: Internal, Integral

For electronic filing, the brief circuit description is saved with filename: Descr1.pdf.

1.2 Related Submittal(s) Grants

This is a single application for certification of a transceiver (Bluetooth Classic Portion).

1.3 Test Methodology

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024. All radiated measurements were performed in an 3m Chamber. Preliminary scans were performed in the 3m Chamber only to determine worst case modes. All radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the “**Justification Section**” of this Application.

1.4 Test Facility

The 3m Chamber and conducted measurement facility used to collect the radiated data is located at Workshop No. 3, G/F., World-Wide Industrial Centre, 43-47 Shan Mei Street, Fo Tan, Sha Tin, N.T., Hong Kong SAR, China. This test facility and site measurement data have been placed on file with the FCC and IC No. 2042H, CABID is “HKAP01”.

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2.0 SYSTEM TEST CONFIGURATION

2.1 Justification

For radiated emissions testing, the equipment under test (EUT) was setup to transmit / receive continuously to simplify the measurement methodology. Care was taken to ensure proper power supply voltages during testing. During testing, all cables (if any) were manipulated to produce worst case emissions.

The EUT was powered by 120VAC during test.

For the measurements, the EUT was attached to a plastic stand if necessary and placed on the wooden turntable at 0.8m height from the ground plane for emission testing at or below 1GHz and 1.5m for emission measurements above 1GHz. If the base unit attached to peripherals, they were connected and operational (as typical as possible).

For maximizing emissions below 30MHz, the EUT was rotated through 360°, the centre of the loop antenna was placed 1 meter above the ground, and the antenna polarization was changed.

The signal was maximized through rotation and placement in the three orthogonal axes. The antenna height and polarization were varied during the search for maximum signal level. The antenna height was varied from 1 to 4 meters. Radiated emissions were taken at three meters unless the signal level was too low for measurement at that distance. If necessary, a pre-amplifier was used and/or the test was conducted at a closer distance.

For any intentional radiator powered by AC power line, measurements of the radiated signal level of the fundamental frequency component of the emission was performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage.

Radiated emission measurement for transmitter were performed from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

Emission that are directly caused by digital circuits in the transmit path and transmitter portion were measured, and the limit are according to FCC Part 15 Section 15.209 / RSS-247 2.5. Digital circuitries used to control additional functions other than the operation of the transmitter are subject to FCC Part 15 Section 15.109 / RSS-247 Section 5.5 Limits.

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2.1 Justification (Cont'd)

Detector function for radiated emissions was in peak mode. Average readings, when required, were taken by measuring the duty cycle of the equipment under test and subtracting the corresponding amount in dB from the measured peak readings. A detailed description for the calculation of the average factor can be found in section 4.8.3.

Determination of pulse desensitization was made according to Hewlett Packard Application Note 150-2, Spectrum Analysis... Pulsed RF. The effective period (Teff) was referred to Exhibit 4.8.3. With the resolution bandwidth 1MHz and spectrum analyzer IF bandwidth 3dB, the pulse desensitization factor was 0dB.

For AC power line-conducted emission test, the EUT along with its peripherals were placed on a 1.0m(W)x1.5m(L) and 0.8m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane. The EUT was connected to power mains through a line impedance stabilization network (LISN), which provided 50ohm coupling impedance for measuring instrument. The LISN housing, measuring instrument case, reference ground plane, and vertical ground plane were bounded together. The excess power cable between the EUT and the LISN was bundled.

All connecting cables of EUT and peripherals were manipulated to find the maximum emission.

All relevant operation modes have been tested, and the worst-case data is included in this report.

All data rates were tested under normal mode of WiFi. Only the worst-case data is shown in the report for DSSS and OFDM.

For simultaneous transmission, both Wi-Fi and Bluetooth Classic portions are also switched on when taking radiated emission for determining worst-case spurious emission.

2.2 EUT Exercising Software

The EUT exercise program (EspRFTTestTool v4.6) used during radiated testing was designed to exercise the various system components in a manner similar to a typical use.

2.3 Details of EUT and Description of Accessories

Not Applicable.

2.4 Measurement Uncertainty

Decision Rule for compliance: For FCC/IC standard, the measured value must be within the limits of applicable standard without accounting for the measurement uncertainty. For EN/IEC/HKTA/HKTC standard, conformity rules will be used as per standard directly excepted EN/IEC 61000-3-2, EN/IEC 61000-3-3, HKTA1004, HKCA1008, HKTA1019, HKTA1020, HKTA1041 and HKTA1044.

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3.0 EMISSION RESULTS

Data is included of the worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included.

3.1 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain (if any), Average Factor (optional) from the measured reading.

The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CF - AG - AV$$

where

FS	=	Field Strength in dBμV/m
RA	=	Receiver Amplitude (including preamplifier) in dBμV
AF	=	Antenna Factor in dB
CF	=	Cable Attenuation Factor in dB
AG	=	Amplifier Gain in dB
AV	=	Average Factor in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain.

An example for the calculations in the following table is as follows:

$$FS = RR + LF$$

where

FS	=	Field Strength in dBμV/m
RR	=	RA - AG - AV in dBμV
LF	=	CF + AF in dB

Assume a receiver reading of 52.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB are added. The amplifier gain of 29.0 dB and average factor of 5.0 dB are subtracted, giving a field strength of 27.0 dBμV/m. This value in dBμV/m was converted to its corresponding level in μV/m.

RA	=	52.0 dBμV/m	
AF	=	7.4 dB	RR = 18.0 dBμV
CF	=	1.6 dB	LF = 9.0 dB
AG	=	29.0 dB	
AV	=	5.0 dB	
FS	=	RR + LF	
FS	=	18.0 + 9.0 = 27.0 dBμV/m	

Level in μV/m = Common Antilogarithm [(27.0 dBμV/m)/20] = 22.4 μV/m

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3.2 Radiated Emission Configuration Photograph

The worst case in radiated emission was found at 2402 MHz

For electronic filing, the worst case radiated emission configuration photographs are saved with filename: Setup Photos.pdf.

3.3 Radiated Emission Data

The data on the following page lists the significant emission frequencies, the limit and the margin of compliance. Numbers with a minus sign are below the limit.

Judgment: Passed by 4.9 dB

3.4 Conducted Emission Configuration Photograph

The worst case in line-conducted emission was found at 0.5685 MHz

For electronic filing, the worst-case line-conducted configuration photographs are saved with filename: Setup Photos.pdf.

3.5 Conducted Emission Data

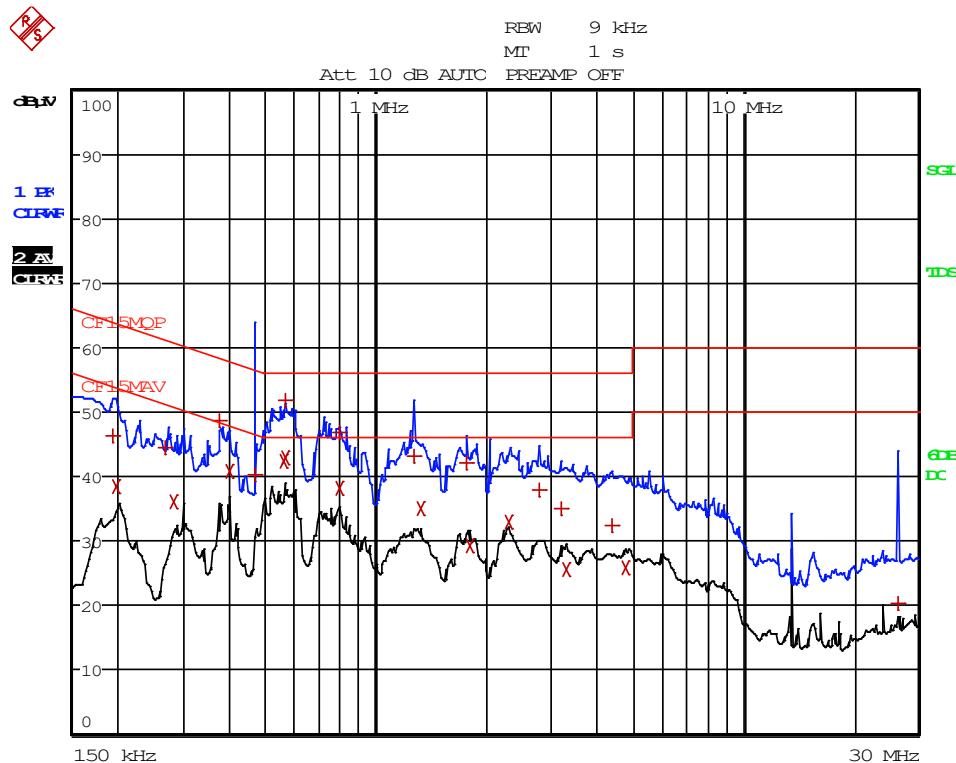
The data on the following page lists the significant emission frequencies, the limit and the margin of compliance. Numbers with a minus sign are below the limit.

Judgment: Pass by 3.16 dB

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CONDUCTED EMISSION

Model: 0804-0403-TW
Date of Test: August 07, 2026
Worst-Case Operating Mode: Wi-Fi and Bluetooth Operating



Note: Measurement Uncertainty is ± 4.2 dB at a level of confidence of 95%.

TEST REPORT

CONDUCTED EMISSION

Model: 0804-0403-TW
Date of Test: August 07, 2026
Worst-Case Operating Mode: Wi-Fi and Bluetooth Operating

EDIT PEAK LIST (Final Measurement Results)				
Trace1:	CF15MQP			
Trace2:	CF15MAV			
Trace3:	---			
TRACE	FREQUENCY	LEVEL dBµV		DELTA LIMIT dB
1 Quasi Peak	195 kHz	46.27 N		-17.54
2 CISPR Average	199.5 kHz	38.51 N		-15.11
1 Quasi Peak	271.5 kHz	44.50 N		-16.57
2 CISPR Average	285 kHz	36.07 N		-14.59
1 Quasi Peak	379.5 kHz	48.63 N		-9.65
2 CISPR Average	397.5 kHz	40.68 N		-7.21
1 Quasi Peak	465 kHz	40.18 N		-16.41
2 CISPR Average	564 kHz	42.34 N		-3.65
1 Quasi Peak	568.5 kHz	51.83 N		-4.16
2 CISPR Average	568.5 kHz	42.83 N		-3.16
1 Quasi Peak	793.5 kHz	46.93 N		-9.06
2 CISPR Average	793.5 kHz	38.28 N		-7.72
1 Quasi Peak	1.275 MHz	43.26 N		-12.73
2 CISPR Average	1.3245 MHz	34.99 N		-11.00
1 Quasi Peak	1.761 MHz	42.20 N		-13.79
2 CISPR Average	1.797 MHz	29.38 N		-16.61
2 CISPR Average	2.3145 MHz	32.82 N		-13.17
1 Quasi Peak	2.8005 MHz	37.91 N		-18.08
1 Quasi Peak	3.2145 MHz	34.99 N		-21.00
2 CISPR Average	3.318 MHz	25.52 N		-20.47

EDIT PEAK LIST (Final Measurement Results)				
Trace1:	CF15MQP			
Trace2:	CF15MAV			
Trace3:	---			
TRACE	FREQUENCY	LEVEL dBµV		DELTA LIMIT dB
1 Quasi Peak	4.398 MHz	32.35 L1		-23.64
2 CISPR Average	4.785 MHz	25.77 L1		-20.22
1 Quasi Peak	26.5245 MHz	20.25 L1		-39.74

Note: Measurement Uncertainty is ± 4.2 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting (GFSK)

Table 1

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Lowest Channel

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2402.000	92.7	33	29.4	89.1	94.0	-4.9
H	4804.000	37.4	33	34.9	39.3	54.0	-14.7
V	7206.000	29.3	33	37.9	34.2	54.0	-19.8
H	9608.000	32.0	33	40.4	39.4	54.0	-14.6
V	12010.000	37.1	33	40.5	44.6	54.0	-9.4
V	14412.000	36.8	33	40.0	43.8	54.0	-10.2

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2402.000	103.8	33	29.4	100.2	114.0	-13.8
H	4804.000	49.9	33	34.9	51.8	74.0	-22.2
V	7206.000	42.8	33	37.9	47.7	74.0	-26.3
H	9608.000	45.6	33	40.4	53.0	74.0	-21.0
V	12010.000	50.1	33	40.5	57.6	74.0	-16.4
V	14412.000	50.2	33	40.0	57.2	74.0	-16.8

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting (GFSK)

Table 2

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Middle Channel

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2440.000	92.4	33	29.4	88.8	94.0	-5.2
V	4880.000	35.3	33	34.9	37.2	54.0	-16.8
V	7320.000	29.9	33	37.9	34.8	54.0	-19.2
V	9760.000	32.7	33	40.4	40.1	54.0	-13.9
V	12200.000	36.6	33	40.5	44.1	54.0	-9.9
V	14640.000	37.5	33	38.4	42.9	54.0	-11.1

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2440.000	103.7	33	29.4	100.1	114.0	-13.9
V	4880.000	48.1	33	34.9	50.0	74.0	-24.0
V	7320.000	43.6	33	37.9	48.5	74.0	-25.5
V	9760.000	46.0	33	40.4	53.4	74.0	-20.6
V	12200.000	49.9	33	40.5	57.4	74.0	-16.6
V	14640.000	51.0	33	38.4	56.4	74.0	-17.6

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting (GFSK)

Table 3

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Highest Channel

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2480.000	91.7	33	29.4	88.1	94.0	-5.9
H	4960.000	35.2	33	34.9	37.1	54.0	-16.9
H	7440.000	30.4	33	37.9	35.3	54.0	-18.7
H	9920.000	32.2	33	40.4	39.6	54.0	-14.4
H	12400.000	37.9	33	40.5	45.4	54.0	-8.6
H	14880.000	37.4	33	38.4	42.8	54.0	-11.2

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2480.000	102.8	33	29.4	99.2	114.0	-14.8
H	4960.000	48.2	33	34.9	50.1	74.0	-23.9
H	7440.000	44.2	33	37.9	49.1	74.0	-24.9
H	9920.000	45.8	33	40.4	53.2	74.0	-20.8
H	12400.000	52.1	33	40.5	59.6	74.0	-14.4
H	14880.000	50.6	33	38.4	56.0	74.0	-18.0

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

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RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting ($\pi/4$ -DQPSK)

Table 4

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Lowest Channel

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dB μ V/m)	Average Limit at 3m (dB μ V/m)	Margin (dB)
H	2402.000	90.9	33	29.4	87.3	94.0	-6.7
H	4804.000	36.7	33	34.9	38.6	54.0	-15.4
V	7206.000	29.7	33	37.9	34.6	54.0	-19.4
V	9608.000	32.3	33	40.4	39.7	54.0	-14.3
H	12010.000	37.0	33	40.5	44.5	54.0	-9.5
V	14412.000	37.3	33	40.0	44.3	54.0	-9.7

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB μ V/m)	Peak Limit at 3m (dB μ V/m)	Margin (dB)
H	2402.000	104.8	33	29.4	101.2	114.0	-12.8
H	4804.000	50.3	33	34.9	52.2	74.0	-21.8
V	7206.000	43.7	33	37.9	48.6	74.0	-25.4
V	9608.000	45.8	33	40.4	53.2	74.0	-20.8
H	12010.000	50.4	33	40.5	57.9	74.0	-16.1
V	14412.000	50.6	33	40.0	57.6	74.0	-16.4

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting ($\pi/4$ -DQPSK)

Table 5

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Middle Channel

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dB μ V/m)	Average Limit at 3m (dB μ V/m)	Margin (dB)
H	2440.000	90.9	33	29.4	87.3	94.0	-6.7
H	4880.000	35.7	33	34.9	37.6	54.0	-16.4
H	7320.000	29.9	33	37.9	34.8	54.0	-19.2
V	9760.000	32.7	33	40.4	40.1	54.0	-13.9
V	12200.000	36.1	33	40.5	43.6	54.0	-10.4
V	14640.000	37.1	33	38.4	42.5	54.0	-11.5

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB μ V/m)	Peak Limit at 3m (dB μ V/m)	Margin (dB)
H	2440.000	104.5	33	29.4	100.9	114.0	-13.1
H	4880.000	49.4	33	34.9	51.3	74.0	-22.7
H	7320.000	43.9	33	37.9	48.8	74.0	-25.2
V	9760.000	46.3	33	40.4	53.7	74.0	-20.3
V	12200.000	50.2	33	40.5	57.7	74.0	-16.3
V	14640.000	50.0	33	38.4	55.4	74.0	-18.6

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting ($\pi/4$ -DQPSK)

Table 6

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Highest Channel

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dB μ V/m)	Average Limit at 3m (dB μ V/m)	Margin (dB)
H	2480.000	90.4	33	29.4	86.8	94.0	-7.2
V	4960.000	33.8	33	34.9	35.7	54.0	-18.3
V	7440.000	30.1	33	37.9	35.0	54.0	-19.0
H	9920.000	32.1	33	40.4	39.5	54.0	-14.5
V	12400.000	37.6	33	40.5	45.1	54.0	-8.9
V	14880.000	37.1	33	38.4	42.5	54.0	-11.5

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB μ V/m)	Peak Limit at 3m (dB μ V/m)	Margin (dB)
H	2480.000	104.0	33	29.4	100.4	114.0	-13.6
V	4960.000	47.7	33	34.9	49.6	74.0	-24.4
V	7440.000	43.5	33	37.9	48.4	74.0	-25.6
H	9920.000	45.8	33	40.4	53.2	74.0	-20.8
V	12400.000	51.1	33	40.5	58.6	74.0	-15.4
V	14880.000	50.4	33	38.4	55.8	74.0	-18.2

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting (8DPSK)

Table 7

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Lowest Channel

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2402.000	91.7	33	29.4	88.1	94.0	-5.9
H	4804.000	37.3	33	34.9	39.2	54.0	-14.8
H	7206.000	29.5	33	37.9	34.4	54.0	-19.6
H	9608.000	31.9	33	40.4	39.3	54.0	-14.7
H	12010.000	37.0	33	40.5	44.5	54.0	-9.5
H	14412.000	37.2	33	40.0	44.2	54.0	-9.8

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2402.000	105.4	33	29.4	101.8	114.0	-12.2
H	4804.000	52.0	33	34.9	53.9	74.0	-20.1
H	7206.000	43.4	33	37.9	48.3	74.0	-25.7
H	9608.000	45.3	33	40.4	52.7	74.0	-21.3
H	12010.000	50.7	33	40.5	58.2	74.0	-15.8
H	14412.000	50.9	33	40.0	57.9	74.0	-16.1

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ±5.3dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting (8DPSK)

Table 8

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Middle Channel

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2440.000	90.3	33	29.4	86.7	94.0	-7.3
V	4880.000	33.3	33	34.9	35.2	54.0	-18.8
H	7320.000	29.8	33	37.9	34.7	54.0	-19.3
H	9760.000	32.6	33	40.4	40.0	54.0	-14.0
V	12200.000	36.5	33	40.5	44.0	54.0	-10.0
H	14640.000	37.4	33	38.4	42.8	54.0	-11.2

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2440.000	104.1	33	29.4	100.5	114.0	-13.5
V	4880.000	47.7	33	34.9	49.6	74.0	-24.4
H	7320.000	42.9	33	37.9	47.8	74.0	-26.2
H	9760.000	46.2	33	40.4	53.6	74.0	-20.4
V	12200.000	50.0	33	40.5	57.5	74.0	-16.5
H	14640.000	51.0	33	38.4	56.4	74.0	-17.6

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 11, 2026
Worst-Case Operating Mode: Transmitting (8DPSK)

Table 9

Pursuant to FCC Part 15 Section 15.249 / RSS-210 B10.0 Requirement

Highest Channel

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2480.000	91.3	33	29.4	87.7	94.0	-6.3
V	4960.000	33.7	33	34.9	35.6	54.0	-18.4
H	7440.000	30.3	33	37.9	35.2	54.0	-18.8
H	9920.000	32.2	33	40.4	39.6	54.0	-14.4
H	12400.000	37.9	33	40.5	45.4	54.0	-8.6
H	14880.000	37.4	33	38.4	42.8	54.0	-11.2
Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2480.000	105.0	33	29.4	101.4	114.0	-12.6
V	4960.000	47.9	33	34.9	49.8	74.0	-24.2
H	7440.000	43.6	33	37.9	48.5	74.0	-25.5
H	9920.000	45.5	33	40.4	52.9	74.0	-21.1
H	12400.000	51.9	33	40.5	59.4	74.0	-14.6
H	14880.000	50.7	33	38.4	56.1	74.0	-17.9

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. Average detector is applied according to ANSI C63.10.
 3. All measurements were made at 3 meters.
 4. Negative value in the margin column shows emission below limit.
 5. Horn antenna is used for the emission over 1000MHz.
 6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 08, 2026
Worst-Case Operating Mode: GFSK TX-Channel 2402 Baseband

Table 10

Pursuant to FCC Part 15 Section 15.209 / RSS-GEN 8.9 Requirement

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp (dB)	Antenna Factor (dB)	Net at 3m (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)
V	64.556	26.4	16	9.0	19.4	40.0	-20.6
V	123.726	23.9	16	14.0	21.9	43.5	-21.6
H	195.870	38.2	16	16.0	38.2	43.5	-5.3
H	399.934	25.6	16	25.0	34.6	46.0	-11.4
H	640.009	26.0	16	29.0	39.0	46.0	-7.0
H	800.059	21.4	16	31.0	36.4	46.0	-9.6

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. All measurements were made at 3 meters.
 3. Negative value in the margin column shows emission below limit.
 4. Horn antenna is used for the emission over 1000MHz.
 5. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 6. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS

Model: 0804-0403-TW
Date of Test: August 10, 2026
Worst-Case Operating Mode: Wi-Fi and Bluetooth Operating

Table 11

Pursuant to FCC Part 15 Section 15.209 / RSS-GEN 8.9 Requirement

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp (dB)	Antenna Factor (dB)	Net at 3m (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)
V	82.138	32.9	16	7.0	23.9	40.0	-16.1
H	320.030	27.6	16	23.0	34.6	46.0	-11.4
V	374.956	25.2	16	24.0	33.2	46.0	-12.8
H	480.000	29.1	16	26.0	39.1	46.0	-6.9
H	559.984	24.5	16	28.0	36.5	46.0	-9.5
H	720.034	21.7	16	30.0	35.7	46.0	-10.3

- Notes:
1. Peak Detector Data unless otherwise stated.
 2. All measurements were made at 3 meters.
 3. Negative value in the margin column shows emission below limit.
 4. Horn antenna is used for the emission over 1000MHz.
 5. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10.
 6. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSIONS PLOTS

Mode: GFSK TX-Channel 2402

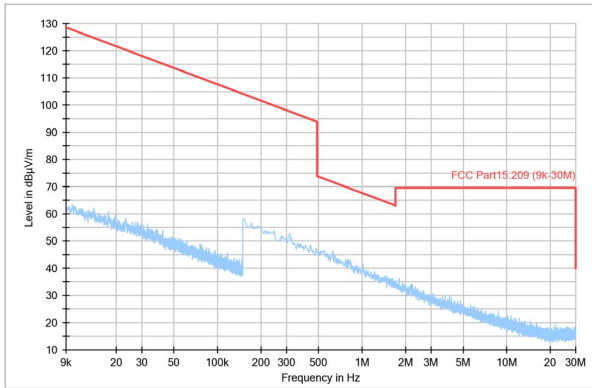


Figure 1. 9k-30MHz

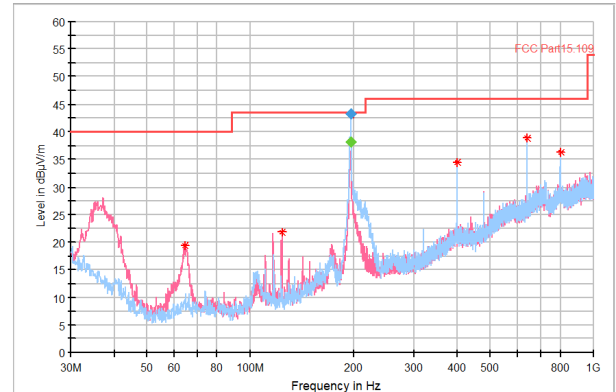


Figure 2. 30M-1GHz

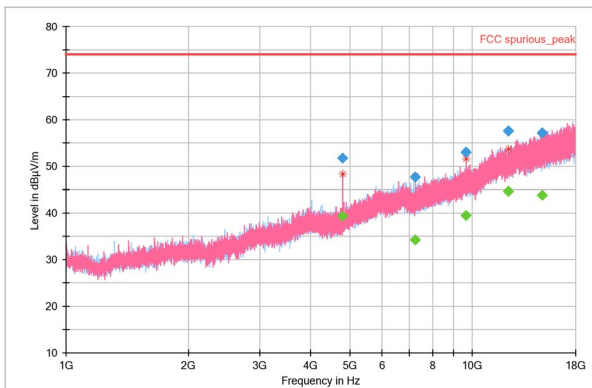


Figure 3. 1-18GHz Peak

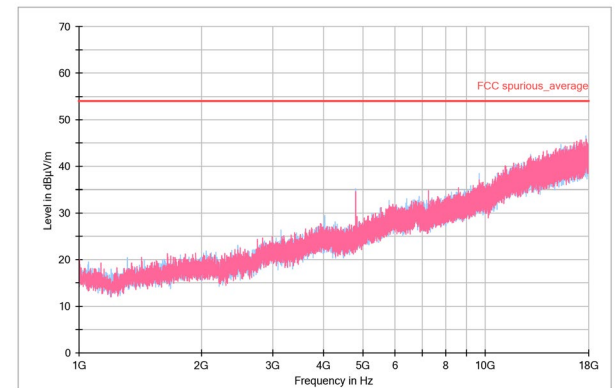


Figure 4. 1-18GHz Average

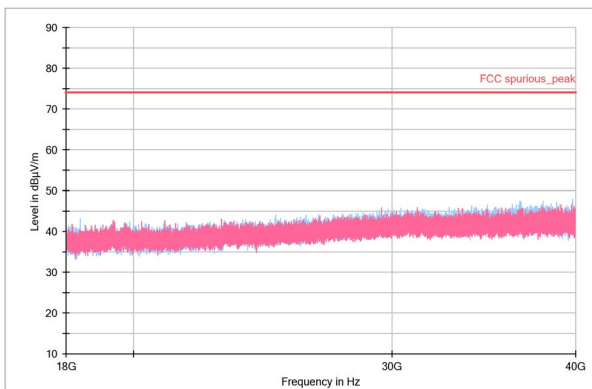


Figure 5. 18-40GHz Peak

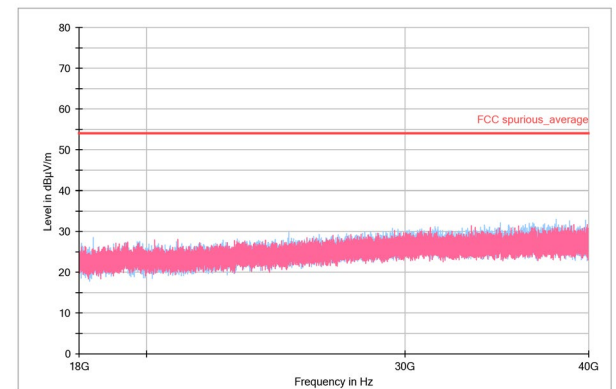


Figure 6. 18-40GHz Average

For Figure 3 and 4, Fundamental emission is filtered out by notch filter during measurement.

TEST REPORT

RADIATED EMISSION PLOTS

Mode: Wi-Fi and Bluetooth Operating

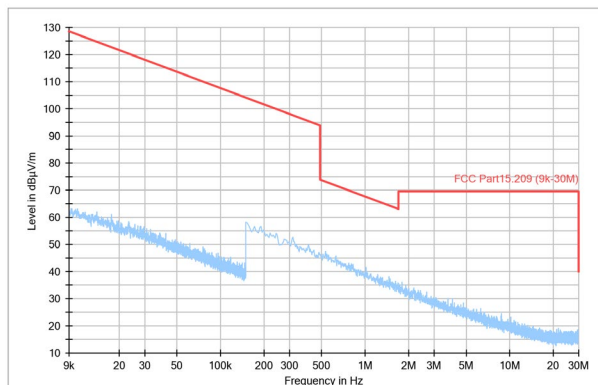


Figure 7. 9k-30MHz

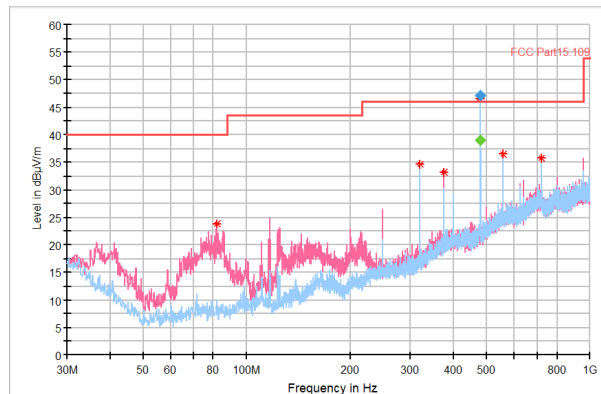


Figure 8. 30M-1GHz

TEST REPORT

4.0 EQUIPMENT PHOTOGRAPHS

For electronic filing, the photographs are saved with filename: External Photos.pdf and Internal Photos.pdf.

5.0 PRODUCT LABELLING

For electronics filing, the FCC ID label artwork and the label location are saved with filename: Label.pdf.

6.0 TECHNICAL SPECIFICATIONS

For electronic filing, the block diagram and schematic of the tested EUT are saved with filename: Block.pdf and Circuit.pdf respectively.

7.0 INSTRUCTION MANUAL

For electronic filing, a preliminary copy of the Instruction Manual is saved with filename: Manual.pdf.

This manual will be provided to the end-user with each unit sold/leased in the United States and Canada.

TEST REPORT

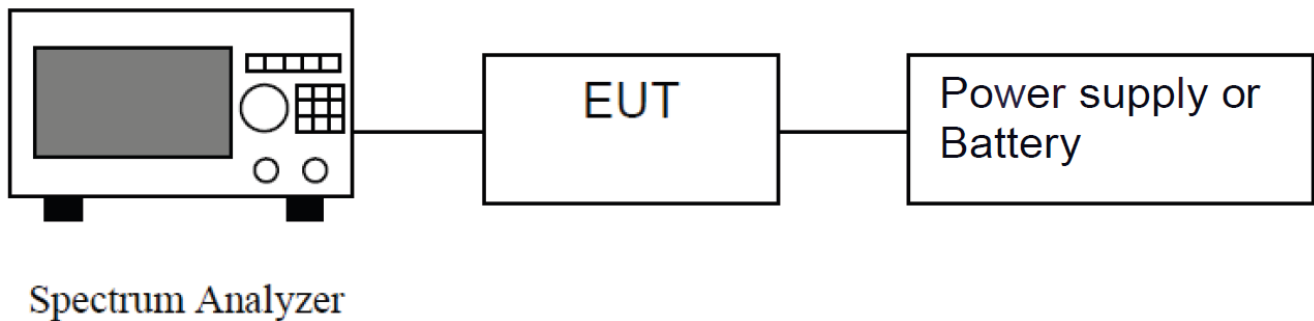
8.0 MISCELLANEOUS INFORMATION

The miscellaneous information includes details of the test procedure and measured bandwidth / calculation of factor such as pulse desensitization and averaging factor (calculation and timing diagram).

8.1 Radiated Emission on the Bandedge

From the following plots, they show that the fundamental emissions are confined in the specified band (2400MHz to 2483.5MHz). In case of the fundamental emissions are within two standard bandwidths from the bandedge, the delta measurement technique is used for determining bandedge compliance. Standard bandwidth is the bandwidth specified by ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 for frequency being measured.

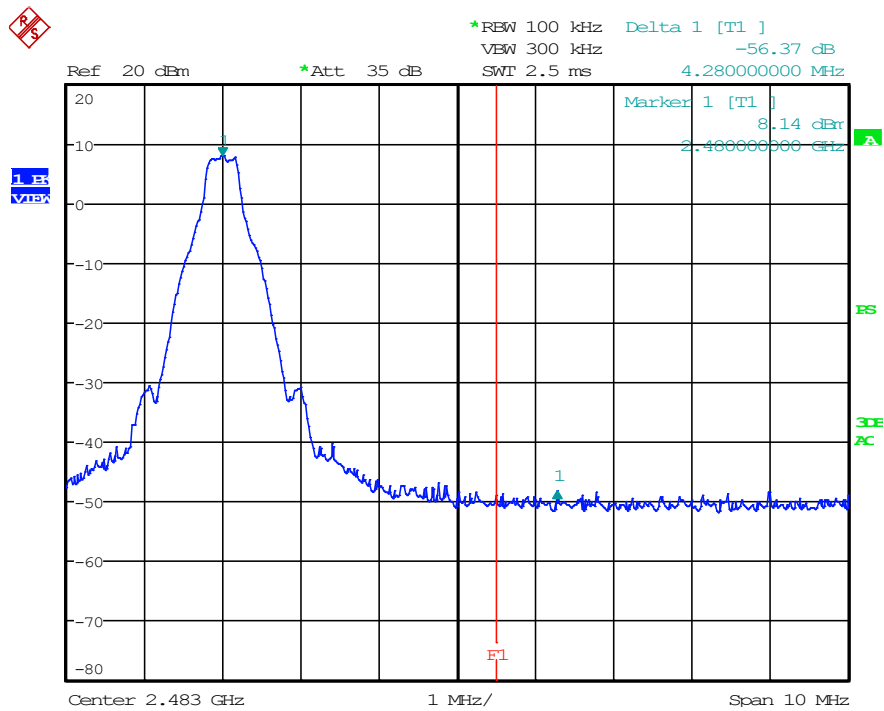
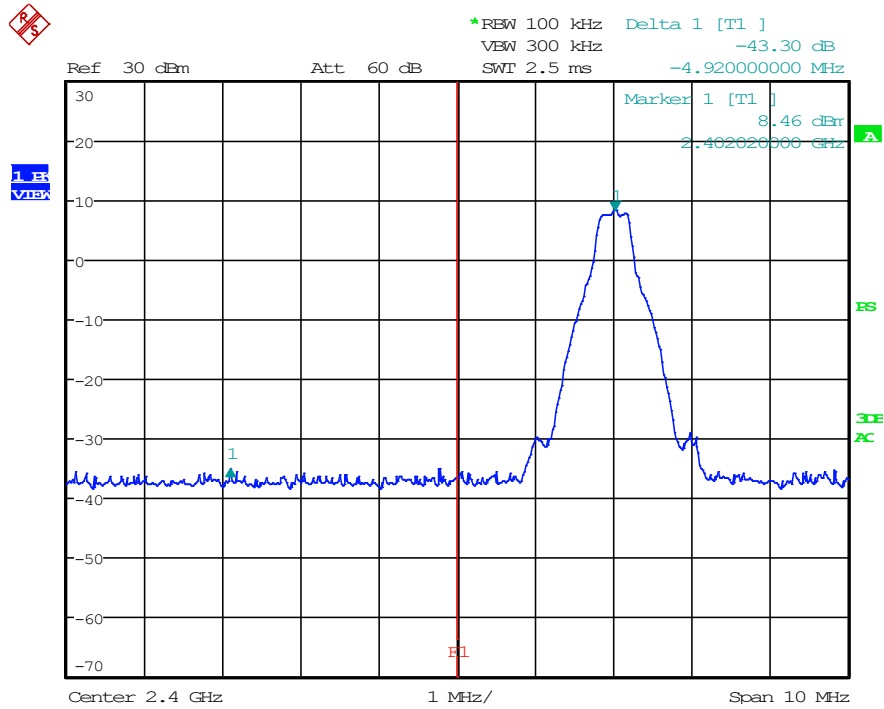
Emissions radiated outside of the specified frequency bands, except harmonics, are attenuated by 50dB below the level of the fundamental or to the general radiated emissions limits in Section 15.209 / RSS-Gen 8.9, whichever is the lesser attenuation, which meet the requirement of Part 15.249(d) / RSS-210 B.10.



Block diagram of Test setup

TEST REPORT

PEAK MEASUREMENT (GFSK)



TEST REPORT

PEAK MEASUREMENT (GFSK)

Bandedge compliance is determined by applying marker-delta method, i.e. (Bandedge Plot).

Lower Bandedge

Peak Resultant Field Strength = Fundamental Emissions (Peak Value) – delta from the plot

$$= 100.2 \text{ dB}\mu\text{V/m} - 43.3 \text{ dB}$$

$$= 56.9 \text{ dB}\mu\text{V/m}$$

Average Resultant Field Strength = Fundamental Emissions (Average Value) – delta from the plot

$$= 89.1 \text{ dB}\mu\text{V/m} - 43.3 \text{ dB}$$

$$= 45.8 \text{ dB}\mu\text{V/m}$$

Upper Bandedge

Peak Resultant Field Strength = Fundamental Emissions (Peak Value) – delta from the plot

$$= 99.2 \text{ dB}\mu\text{V/m} - 56.4 \text{ dB}$$

$$= 42.8 \text{ dB}\mu\text{V/m}$$

Average Resultant Field Strength = Fundamental Emissions (Average Value) – delta from the plot

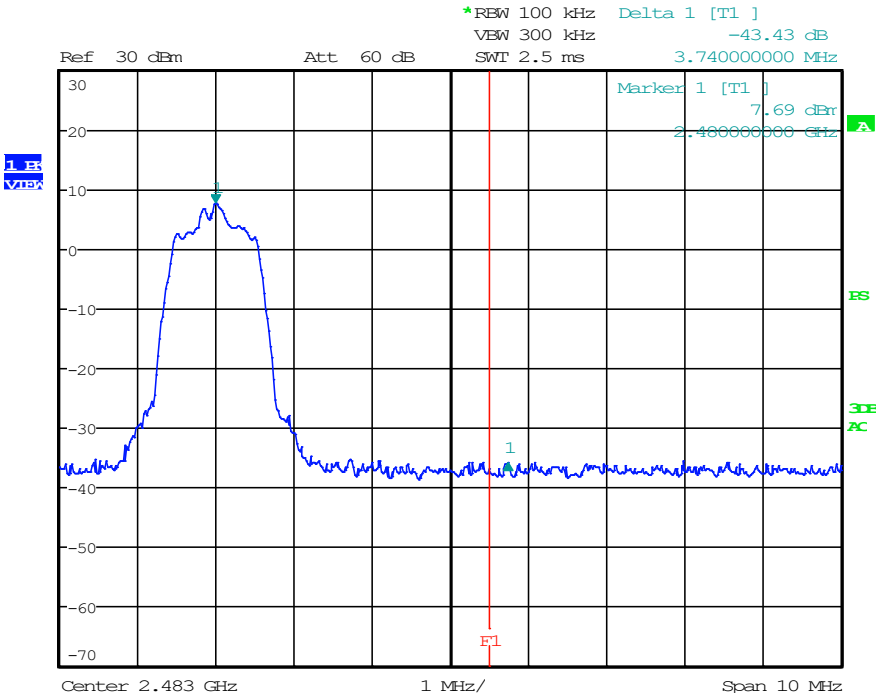
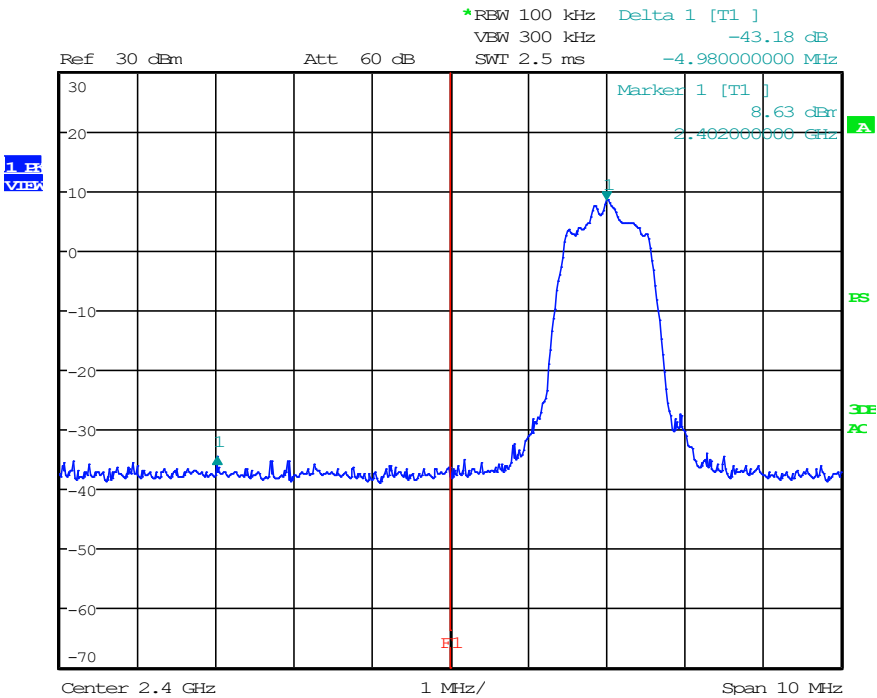
$$= 88.1 \text{ dB}\mu\text{V/m} - 56.4 \text{ dB}$$

$$= 31.7 \text{ dB}\mu\text{V/m}$$

The resultant field strength meets the general radiated emission limit in Section 15.209, which does not exceed 74 dBμV/m (Peak Limit) and 54 dBμV/m (Average Limit).

TEST REPORT

PEAK MEASUREMENT ($\pi/4$ -DQPSK)



TEST REPORT

PEAK MEASUREMENT ($\pi/4$ -DQPSK)

Bandedge compliance is determined by applying marker-delta method, i.e. (Bandedge Plot).

Lower Bandedge

Peak Resultant Field Strength = Fundamental Emissions (Peak Value) – delta from the plot

$$= 101.2 \text{ dB}\mu\text{V/m} - 43.2 \text{ dB}$$

$$= 58.0 \text{ dB}\mu\text{V/m}$$

Average Resultant Field Strength = Fundamental Emissions (Average Value) – delta from the plot

$$= 87.3 \text{ dB}\mu\text{V/m} - 43.2 \text{ dB}$$

$$= 44.1 \text{ dB}\mu\text{V/m}$$

Upper Bandedge

Peak Resultant Field Strength = Fundamental Emissions (Peak Value) – delta from the plot

$$= 100.4 \text{ dB}\mu\text{V/m} - 43.4 \text{ dB}$$

$$= 57.0 \text{ dB}\mu\text{V/m}$$

Average Resultant Field Strength = Fundamental Emissions (Average Value) – delta from the plot

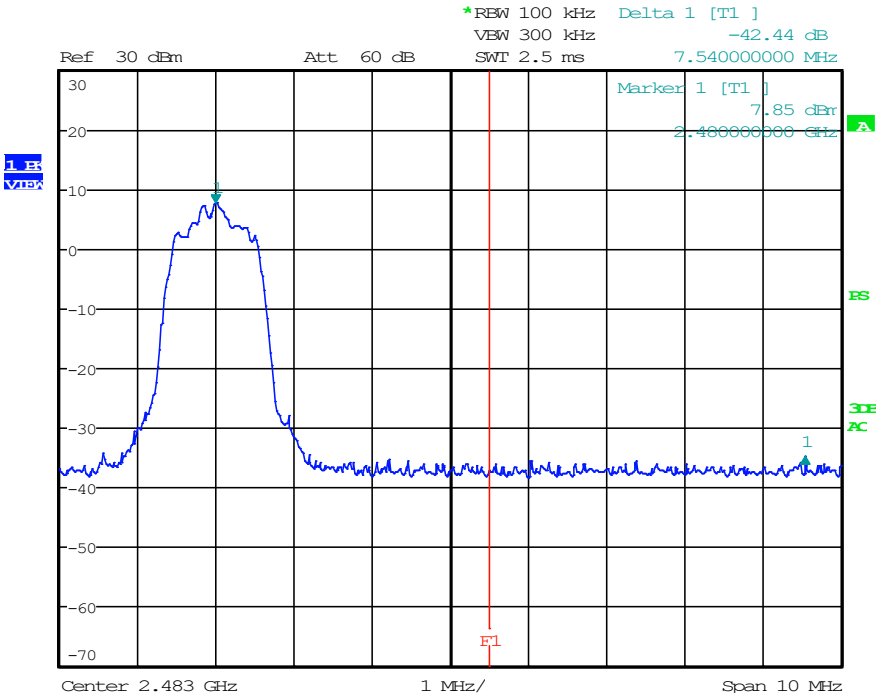
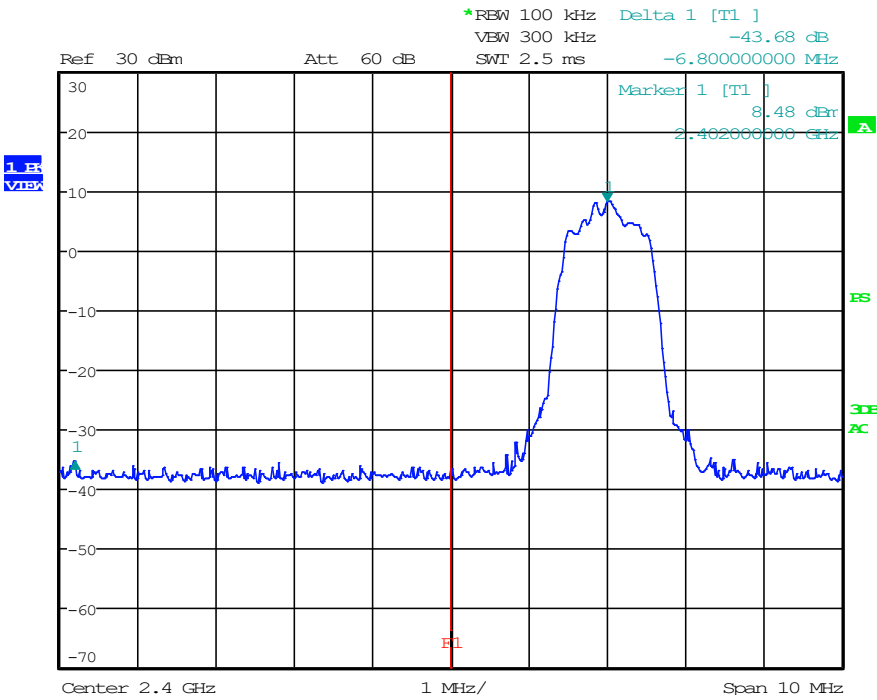
$$= 86.8 \text{ dB}\mu\text{V/m} - 43.4 \text{ dB}$$

$$= 43.4 \text{ dB}\mu\text{V/m}$$

The resultant field strength meets the general radiated emission limit in Section 15.209, which does not exceed 74 dB μ V/m (Peak Limit) and 54 dB μ V/m (Average Limit).

TEST REPORT

PEAK MEASUREMENT (8DPSK)



TEST REPORT

PEAK MEASUREMENT (8DPSK)

Bandedge compliance is determined by applying marker-delta method, i.e. (Bandedge Plot).

Lower Bandedge

Peak Resultant Field Strength = Fundamental Emissions (Peak Value) – delta from the plot

$$= 101.8 \text{ dB}\mu\text{V/m} - 43.7 \text{ dB}$$

$$= 58.1 \text{ dB}\mu\text{V/m}$$

Average Resultant Field Strength = Fundamental Emissions (Average Value) – delta from the plot

$$= 88.1 \text{ dB}\mu\text{V/m} - 43.7 \text{ dB}$$

$$= 44.4 \text{ dB}\mu\text{V/m}$$

Upper Bandedge

Peak Resultant Field Strength = Fundamental Emissions (Peak Value) – delta from the plot

$$= 101.4 \text{ dB}\mu\text{V/m} - 42.4 \text{ dB}$$

$$= 59.0 \text{ dB}\mu\text{V/m}$$

Average Resultant Field Strength = Fundamental Emissions (Average Value) – delta from the plot

$$= 87.7 \text{ dB}\mu\text{V/m} - 42.4 \text{ dB}$$

$$= 45.3 \text{ dB}\mu\text{V/m}$$

The resultant field strength meets the general radiated emission limit in Section 15.209, which does not exceed 74 dB μ V/m (Peak Limit) and 54 dB μ V/m (Average Limit).

TEST REPORT

8.2 Discussion of Pulse Desensitization

Pulse desensitivity is not applicable for this device. The effective period (T_{eff}) is approximately $625\mu s$ for a digital "1" bit which illustrated on technical specification, with a resolution bandwidth (3dB) of 3MHz, so the pulse desensitivity factor is 0dB.

8.3 Calculation of Average Factor

Not Applicable

TEST REPORT

8.4 Emissions Test Procedures

The following is a description of the test procedure used by Intertek Testing Services Hong Kong Ltd. in the measurements of transmitter operating under the Part 15, Subpart C rules.

The transmitting equipment under test (EUT) is placed on a wooden turntable which is four feet in diameter and approximately 0.8m in height above the ground plane for emission measurement at or below 1GHz and 1.5m in height above the ground plane for emission measurement above 1GHz. During the radiated emissions test, the turntable is rotated and any cables leaving the EUT are manipulated to find the configuration resulting in maximum emissions. The EUT is adjusted through all three orthogonal axis to obtain maximum emission levels. The antenna height and polarization are also varied during the testing to search for maximum signal levels. The height of the antenna is varied from one to four meters.

Detector function for radiated emissions is in peak mode. Average readings, when required, are taken by measuring the duty cycle of the equipment under test and subtracting the corresponding amount in dB from the measured peak readings. A detailed description for the calculation of the average factor can be found in Exhibit 8.3.

The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.

The EUT is warmed up for 15 minutes prior to the test.

AC power to the unit is varied from 85% to 115% nominal and variation in the fundamental emission field strength is recorded. If battery powered, a new, fully charged battery is used.

Conducted measurements were made as described in ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024.

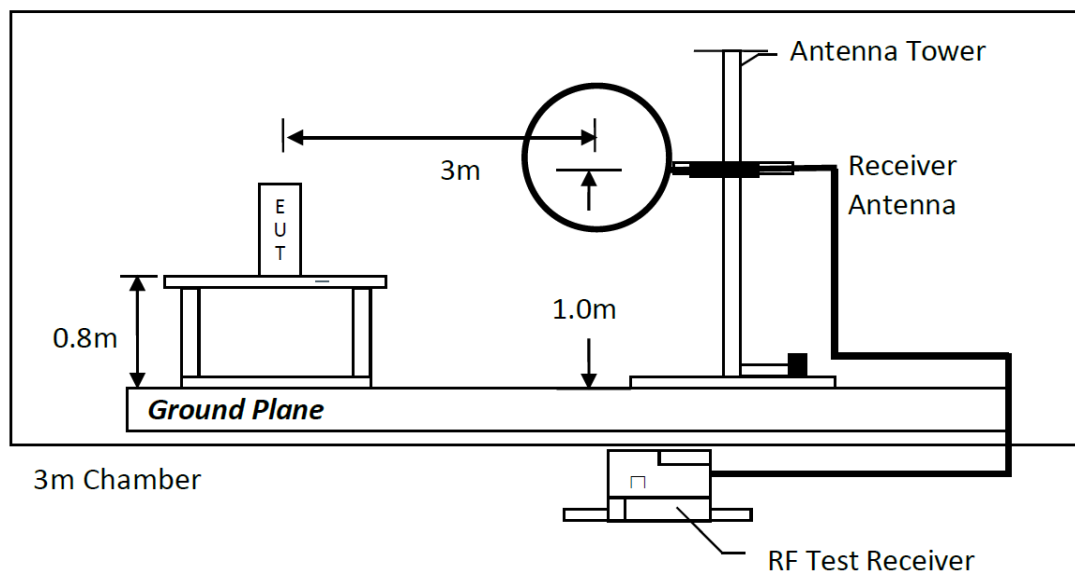
The IF bandwidth used for measurement of radiated signal strength was 100 kHz or greater when frequency is below 1000 MHz. Where pulsed transmissions of short enough pulse duration warrant, a greater bandwidth is selected according to the recommendations of Hewlett Packard Application Note 150-2. A discussion of whether pulse desensitivity is applicable to this unit is included in this report (See Exhibit 8.1). Above 1000 MHz, a resolution bandwidth of 3 MHz is used.

Transmitter measurements are normally conducted at a measurement distance of three meters. However, to assure low enough noise floor in the forbidden bands and above 1 GHz, signals are acquired at a distance of one meter or less. All measurements are extrapolated to three meters using inverse scaling, unless otherwise reported. Measurements taken at a closer distance are so marked.

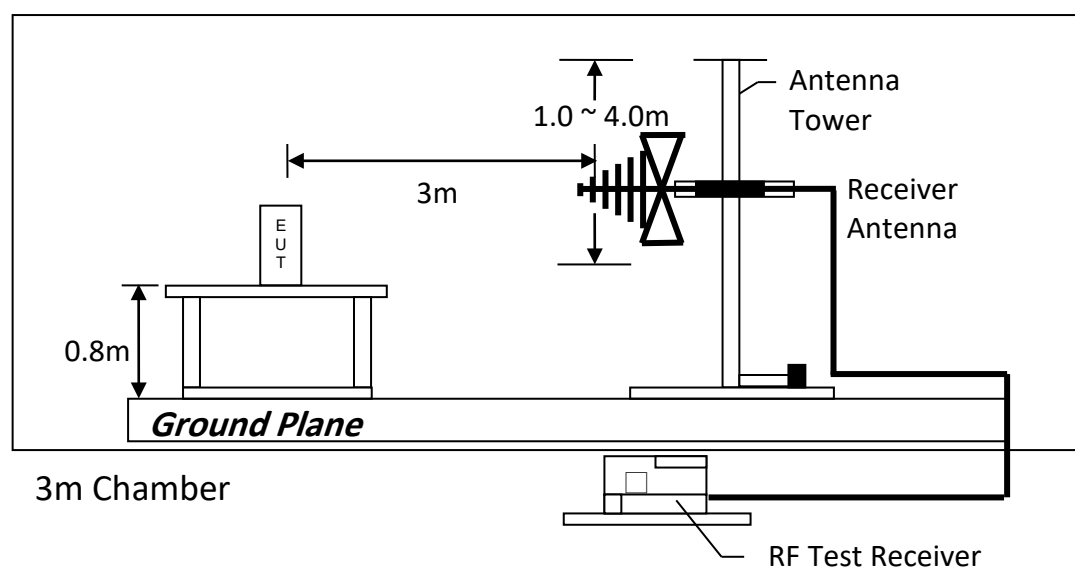
TEST REPORT

8.4.1 Radiated Emission Test Setup

The figure below shows the test setup, which is utilized to make these measurements.

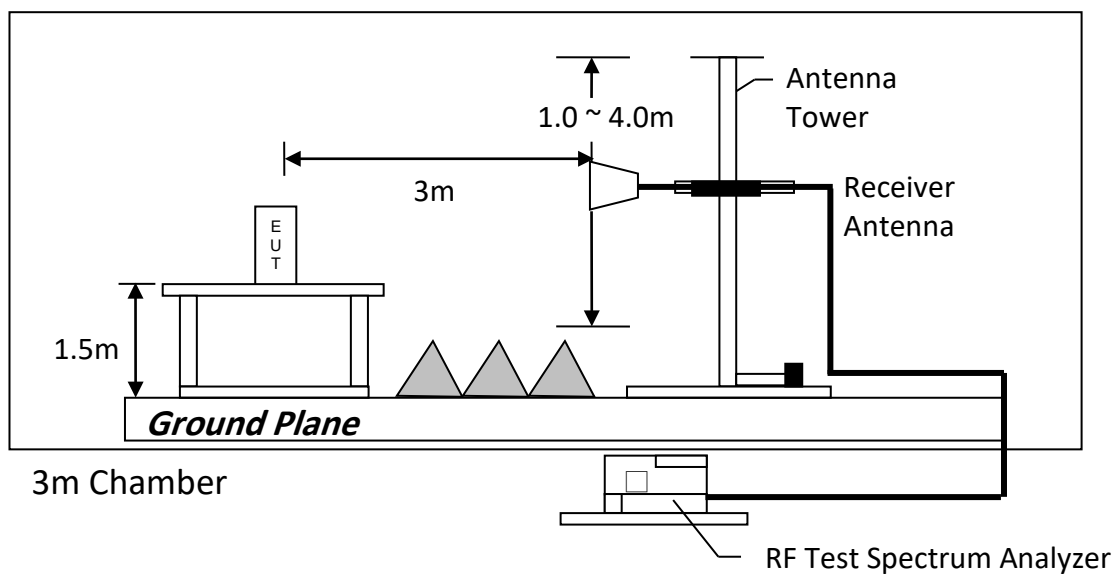


Test setup of radiated emissions 9kHz to 30MHz



Test setup of radiated emissions up to 1GHz

TEST REPORT



Test setup of radiated emissions above 1GHz

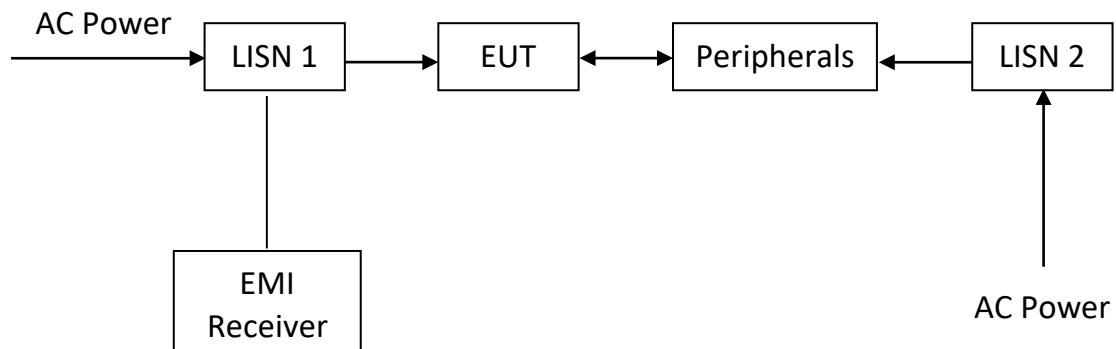
TEST REPORT

8.4.2 Conducted Emission Test Procedures

For tabletop equipment, the EUT along with its peripherals were placed on a 1.0m(W)×1.5m(L) and 0.8m in height wooden table. For floor-standing equipment, the EUT and all cables were insulated, if required, from the ground plane by up to 12 mm of insulating material. The EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane. The EUT was connected to power mains through a line impedance stabilization network (LISN), which provided 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room. The excess power cable between the EUT and the LISN was bundled.

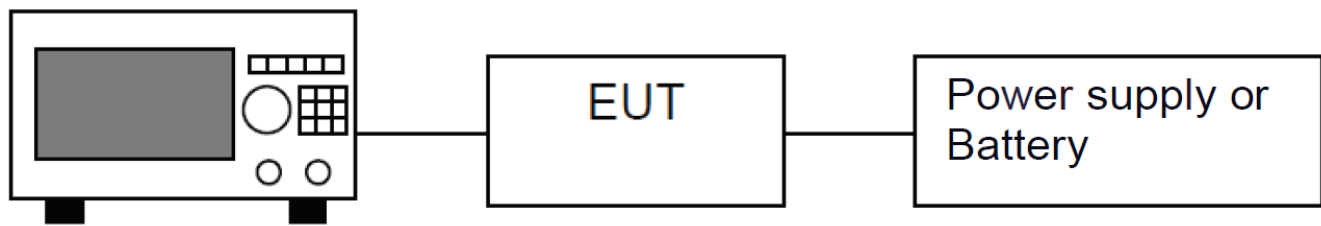
All connecting cables of EUT and peripherals were moved to find the maximum emission.

8.4.3 Conducted Emission Test Setup



TEST REPORT

8.5 Occupied Bandwidth



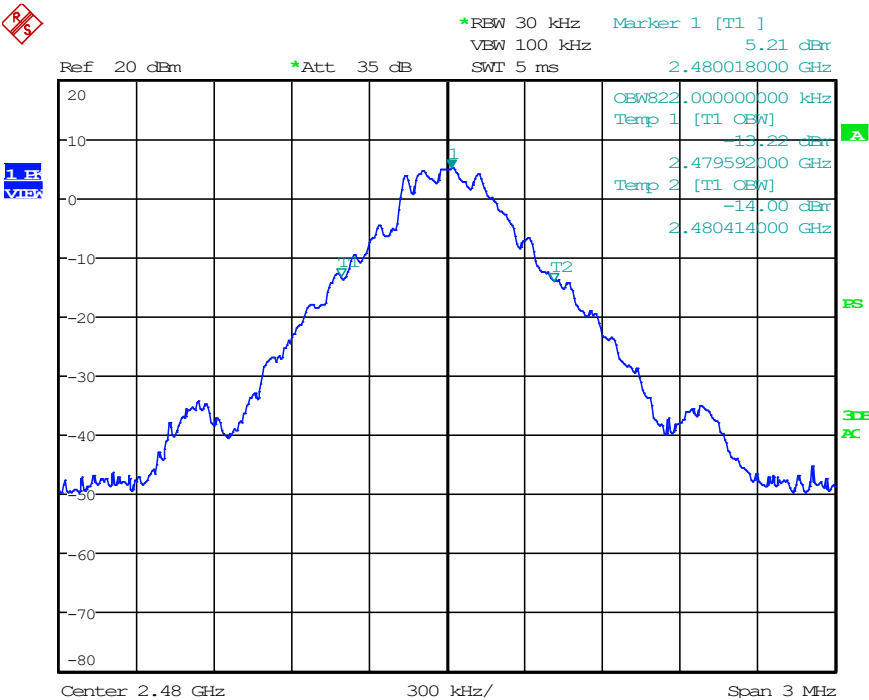
Spectrum Analyzer

Block diagram of Test setup

Occupied Bandwidth Results: (GFSK)

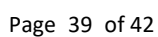
Bluetooth (MHz)	Occupied Bandwidth (kHz)
Low Channel: 2402	816
Middle Channel: 2440	822
High Channel: 2480	822

The worst case is shown as below:



Occupied Bandwidth Results: ($\pi/4$ -DQPSK)

The worst case is shown as below:

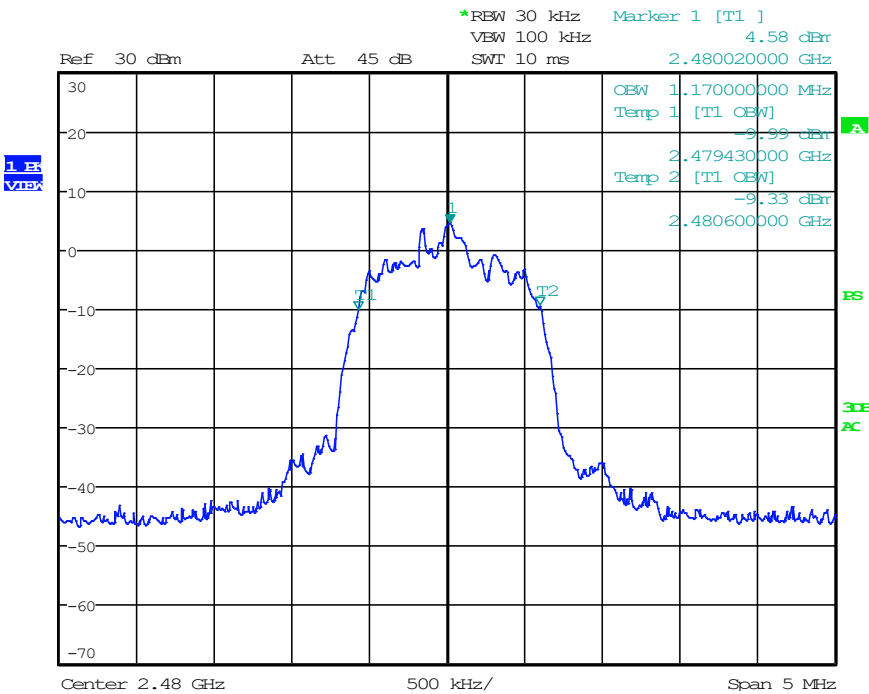


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Occupied Bandwidth Results: (8DPSK)

Bluetooth (MHz)	Occupied Bandwidth (kHz)
Low Channel: 2402	1170
Middle Channel: 2440	1170
High Channel: 2480	1170

The worst case is shown as below:



TEST REPORT

9.0 CONFIDENTIALITY REQUEST

For electronic filing, a preliminary copy of the confidentiality request is saved with filename: Request.pdf.

10.0 EQUIPMENT LIST

1) Radiated Emissions Test

Equipment	EMI Test Receiver (9kHz to 26.5GHz)	Biconical Antenna (30MHz to 300MHz)	Log Periodic Antenna
Registration No.	EW-3156	EW-3242	EW-3243
Manufacturer	ROHDESCHWARZ	EMCO	EMCO
Model No.	ESR26	3110C	3148B
Calibration Date	May 02, 2025	July 30, 2024	July 30, 2024
Calibration Due Date	November 02, 2026	October 30, 2026	October 30, 2026

Equipment	Double Ridged Guide Antenna (1GHz - 18GHz)	Active Loop Antenna (H-field) (9kHz to 30MHz)	Solid State Low Noise Preamplifier Assembly (1 - 18)GHz
Registration No.	EW-1133	EW-2313	EW-3431
Manufacturer	EMCO	ELECTROMETRI	BONN ELEKTRO
Model No.	3115	EM-6876	BLMA 0118-5G
Calibration Date	January 23, 2025	December 19, 2025	December 11, 2025
Calibration Due Date	October 23, 2026	December 19, 2027	December 11, 2026

Equipment	Notch Filter (cutoff frequency 2.4GHz to 2.5GHz)	14m Double Shield RF Cable (9kHz - 6GHz)	RF Cable 14m (1GHz to 26.5GHz)
Registration No.	EW-2213b	EW-2376	EW-2781
Manufacturer	MICROTRONICS	RADIALL	GREATBILLION
Model No.	BRM50701-02	n m/br56/bnc m 14m	SMA m/SHF5MPU /SMA m ra14m,26G
Calibration Date	March 04, 2026	November 06, 2025	February 18, 2025
Calibration Due Date	March 04, 2027	November 06, 2026	August 18, 2026

Equipment	12 metre RF Cable (1-40)GHz	Pyramidal Horn Antenna
Registration No.	EW-2774	EW-0905
Manufacturer	GREATBILLION	EMCO
Model No.	SMA m-m ra 12m 40G outdoor	3160-09
Calibration Date	February 18, 2025	November 06, 2025
Calibration Due Date	August 18, 2026	May 06, 2027

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2) Conducted Emissions Test

Equipment	RF Cable 240cm (RG142) (9kHz to 30MHz)	Artificial Mains Network	EMI Test Receiver (9kHz to 3GHz)
Registration No.	EW-2454	EW-3360	EW-3095
Manufacturer	RADIALL	ROHDESCHWARZ	ROHDESCHWARZ
Model No.	Bnc m st / 142 / bnc mra 240cm	ENV-216	ESCI
Calibration Date	June 12, 2025	June 23, 2025	June 19, 2025
Calibration Due Date	September 12, 2026	September 23, 2026	September 19, 2026

3) Bandedge & Bandwidth Measurement

Equipment	EMI Test Receiver (9kHz to 3GHz)
Registration No.	EW-3095
Manufacturer	ROHDESCHWARZ
Model No.	ESCI
Calibration Date	June 19, 2025
Calibration Due Date	September 19, 2026

4) Control Software for Radiated Emission

Software Information	
Software Name	EMC32
Manufacturer	ROHDESCHWARZ
Software version	10.50.40

END OF TEST REPORT