

TEST REPORT

Report No.: 25120097HKG-001

Dyson Inc

Application For Class II Permissive Change of 47 CFR Part 15 Certification

Hair Styler

FCC ID: QVHHS08001

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Date: March 17, 2026

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TEST REPORT

GENERAL INFORMATION

Grantee:	Dyson Inc
Grantee Address:	1330 W Fulton St 5th Fl, Chicago Illinois, 60607, United States.
Manufacturer Name:	Dyson Technology Limited
Manufacturer Address:	Tetbury Hill, Malmesbury, Wiltshire, SN16 0RP, United Kingdom.
FCC Specification Standard:	FCC Part 15, October 1, 2024 Edition
FCC ID:	QVHHS08001
FCC Model(s):	HS08
Type of EUT:	Spread Spectrum Transmitter
Description of EUT:	Hair Styler
Brand Name:	dyson
Sample Receipt Date:	February 28, 2024 (For original samples) December 03, 2025 (For updated samples)
Date of Test:	February 28, 2024 to March 04, 2024 (For conducted data) December 04, 2025 to December 12, 2025 (For radiated and AC line conducted data)
Report Date:	March 17, 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.

TEST REPORT

SUMMARY OF TEST RESULT

Test Items	FCC Part 15 Section	Results
Antenna Requirement	15.203	Complied
Max. Conducted Output Power (Peak)	15.247(b)(3)&(4)	Complied
Min. 6dB RF Bandwidth	15.247(a)(2)	Complied
Max. Power Density (Average)	15.247(e)	Complied
Out of Band Antenna Conducted Emission	15.247(d)	Complied
Radiated Emission in Restricted Bands and Spurious Emissions	15.247(d), 15.209 & 15.109	Complied
AC Power Line Conducted Emission	15.207 & 15.107	Complied

Note: 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.

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

FCC Part 15, October 1, 2024 Edition

TEST REPORT

TABLE OF CONTENTS

EXHIBIT 1	GENERAL DESCRIPTION	5
1.1	Product Description	5
1.2	Test Methodology	5
1.3	Test Facility.....	5
1.4	Related Submittal(s) Grants	5
EXHIBIT 2	SYSTEM TEST CONFIGURATION	6
2.1	Justification	6
2.2	EUT Exercising Software.....	7
2.3	Support Equipment List and Description.....	7
2.4	Measurement Uncertainty.....	7
EXHIBIT 3	TEST RESULTS.....	8
3.1	Maximum Conducted (Peak) Output Power at Antenna Terminals.....	8
3.2	Minimum 6dB RF Bandwidth	9
3.3	Minimum Power Spectral Density	10
3.4	Out of Band Conducted Emissions.....	11
3.5	Field Strength Calculation	12
3.6	Transmitter Radiated Emissions in Restricted Bands and Spurious Emissions	13
3.7	Transmitter Duty Cycle Calculation	19
3.8	AC Power Line Conducted Emission	19
EXHIBIT 4	EQUIPMENT LIST	23

TEST REPORT

EXHIBIT 1 GENERAL DESCRIPTION

1.1 Product Description

The Equipment Under Test (EUT), is a 2.4GHz BLE Transceiver for a BLE hair styler. The sample supplied operated on 40 channels, normally at 2402 – 2480MHz. The channels are separated with 2MHz spacing.

The EUT is powered by 120VAC. After switching on the EUT, air with different strength and temperature will be exhausted based on the buttons pressed on the hair styler. The EUT can be paired up with a smartphone and different status and settings can be viewed through a mobile app.

The antenna(s) used in the EUT is integral, and the test sample is a prototype.
Peak Antenna Gain: 3dBi

The circuit description is saved with filename: descri.pdf.

1.2 Test Methodology

Both AC power 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. Preliminary radiated scans and all radiated measurements were performed in radiated emission test sites. All Radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the "**Justification Section**" of this Application.

Antenna port conducted measurements were performed according to ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 and KDB Publication No. 558074 D01 v05r02 (April 02, 2019) All other measurements were made in accordance with the procedures in 47 CFR Part 2.

1.3 Test Facility

The radiated emission test site, AC power line conducted measurement facility and antenna port conducted measurement facility used to collect the radiated data, AC Power Line conducted data, and conductive data are 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 fully placed on file with the FCC.

1.4 Related Submittal(s) Grants

This is a single application for certification of a transceiver.

TEST REPORT

EXHIBIT 2 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.

For the measurements, the EUT was attached to a plastic stand if necessary and placed on the wooden turntable. If the base unit attached to peripherals, they were connected and operational (as typical as possible).

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.

The rear of unit shall be flushed with the rear of the table.

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. Digital circuitries used to control additional functions other than the operation of the transmitter are subject to FCC Part 15 Section 15.109 Limits.

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 3MHz and spectrum analyzer IF bandwidth 3dB, the pulse desensitization factor was 0dB.

For AC 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.

TEST REPORT

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

Different data rates have been tested. Worst case is reported only.

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

2.2 EUT Exercising Software

The EUT exercise program (Direct Test Mode v2.1.0) used during radiated and conducted testing was designed to exercise the various system components in a manner similar to a typical use.

2.3 Support Equipment List and Description

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.

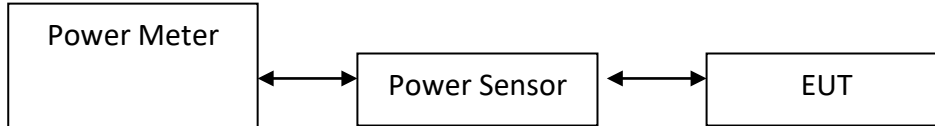
TEST REPORT

EXHIBIT 3 TEST RESULTS

3.1 Maximum Conducted (Peak) Output Power at Antenna Terminals

RF Conduct Measurement Test Setup

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



The antenna port of the EUT was connected to the input of a spectrum analyzer.

- ☒ The antenna power of the EUT was connected to the input of a power meter. Power was read directly and cable loss correction was added to the reading to obtain power at the EUT antenna terminals. The measurement procedure 8.3.2.3 was used.
- ☐ The EUT should be configured to transmit continuously (at a minimum duty cycle of 98%) at full power over the measurement duration. The measurement procedure AVG1 was used.

Peak Antenna Gain = 3 dBi

Frequency (MHz)	Output in dBm	Output in mW
Low Channel: 2402	2.39	1.73
Middle Channel: 2440	2.15	1.64
High Channel: 2480	1.43	1.39

Cable loss: 0.7 dB External Attenuation: 0 dB

Cable loss, external attenuation: ☒ included in OFFSET function
☐ added to SA raw reading

Max. Conducted (Peak) Output Level = 2.39 dBm

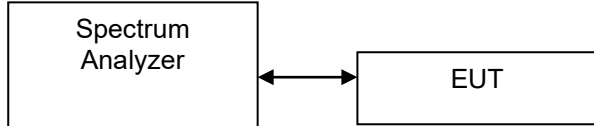
Limits:

1W (30dBm) for antennas with gains of 6dBi or less

TEST REPORT

3.2 Minimum 6dB RF Bandwidth

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



The antenna port of the EUT was connected to the input of a spectrum analyzer. The EBW measurement procedure was used. A PEAK output reading was taken, a DISPLAY line was drawn 6dB lower than PEAK level. The 6dB bandwidth was determined from where the channel output spectrum intersected the display line.

Refer to Test Data.pdf

Frequency (MHz)	6dB Bandwidth (MHz)
Low Channel: 2402 (P.4)	0.6931
Middle Channel: 2440 (P.15)	0.7525
High Channel: 2480 (P.23)	0.6931

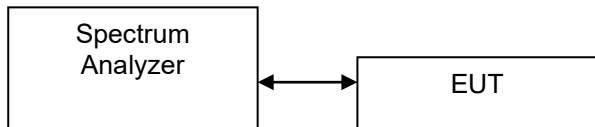
Limits:

6dB bandwidth shall be at least 500kHz.

TEST REPORT

3.3 Minimum Power Spectral Density

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



Antenna output of the EUT was coupled directly to spectrum analyzer. The measurement procedure 10.2 PKPSD was used. If an external attenuator and/or cable was used, these losses are compensated for using the OFFSET function of the analyser.

Refer to Test Data.pdf

Frequency (MHz)	PSD in 100kHz (dBm)
Low Channel: 2402 (P.7)	2.780
Middle Channel: 2440 (P.18)	2.477
High Channel: 2480 (P.26)	1.599

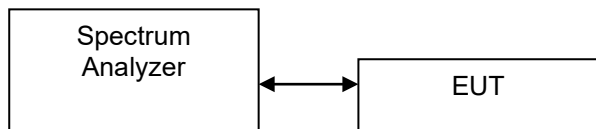
Cable Loss: 0.7dB

Limit: 8dBm in 3kHz

TEST REPORT

3.4 Out of Band Conducted Emissions

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



The maximum conducted (peak) output power was used to demonstrate compliance as described in 9.1. Then the display line (in red) shown in the following plots denotes the limit at 20dB below maximum measured in-band peak PSD level in 100 KHz bandwidth.

The measurement procedures under sections 11 of KDB558074 D01 v05r02 (April 2, 2019) were used.

Furthermore, delta measurement technique for measuring bandedge emissions was incorporated in the test of the edge at 2483.5MHz.

Limits:

All spurious emission and up to the tenth harmonic was measured and they were found to be at least 20dB below the maximum measured in-band peak PSD level.

Refer to Test Data.pdf

Frequency (MHz)	Out of Band Conducted Emissions	Band Edge
Low Channel: 2402	P.12	P.8
Middle Channel: 2440	P.20	N/A
High Channel: 2480	P.31	P.27

TEST REPORT

3.5 Field Strength Calculation

The field strength is calculated by adding the reading on the Spectrum Analyzer to the factors associated with preamplifiers (if any), antennas, cables, pulse desensitization and average factors (when specified limit is in average and measurements are made with peak detectors). A sample calculation is included below.

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

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

In the radiated emission table which follows, the reading shown on the data table may reflect the preamplifier gain. An example of the calculations, where the reading does not reflect the preamplifier gain, follows:

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

Example:

Assume a receiver reading of 62.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29.0 dB is subtracted. The pulse desensitization factor of the spectrum analyzer is 0.0 dB, and the resultant average factor is -10.0 dB. The net field strength for comparison to the appropriate emission limit is 32.0 dBμV/m. This value in dBμV/m is converted to its corresponding level in μV/m.

$$\begin{aligned}
 RA &= 62.0 \text{ dB}\mu\text{V} \\
 AF &= 7.4 \text{ dB} \\
 CF &= 1.6 \text{ dB} \\
 AG &= 29.0 \text{ dB} \\
 PD &= 0.0 \text{ dB} \\
 AV &= -10.0 \text{ dB} \\
 FS &= 62.0 + 7.4 + 1.6 - 29.0 + 0.0 + (-10.0) = 32.0 \text{ dB}\mu\text{V/m}
 \end{aligned}$$

$$\text{Level in } \mu\text{V/m} = \text{Common Antilogarithm } [(32.0 \text{ dB}\mu\text{V/m})/20] = 39.8 \text{ } \mu\text{V/m}$$

TEST REPORT

3.6 Transmitter Radiated Emissions in Restricted Bands and Spurious Emissions

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.

The data on the following pages list the significant emission frequencies, the limit and the margin of compliance.

3.6.1 Radiated Emission Configuration Photograph

Worst Case Restricted Band Radiated Emission at 2390 MHz.

The worst case radiated emission configuration photographs are saved with filename:
Radiated Photos.pdf

3.6.2 Radiated Emission Data

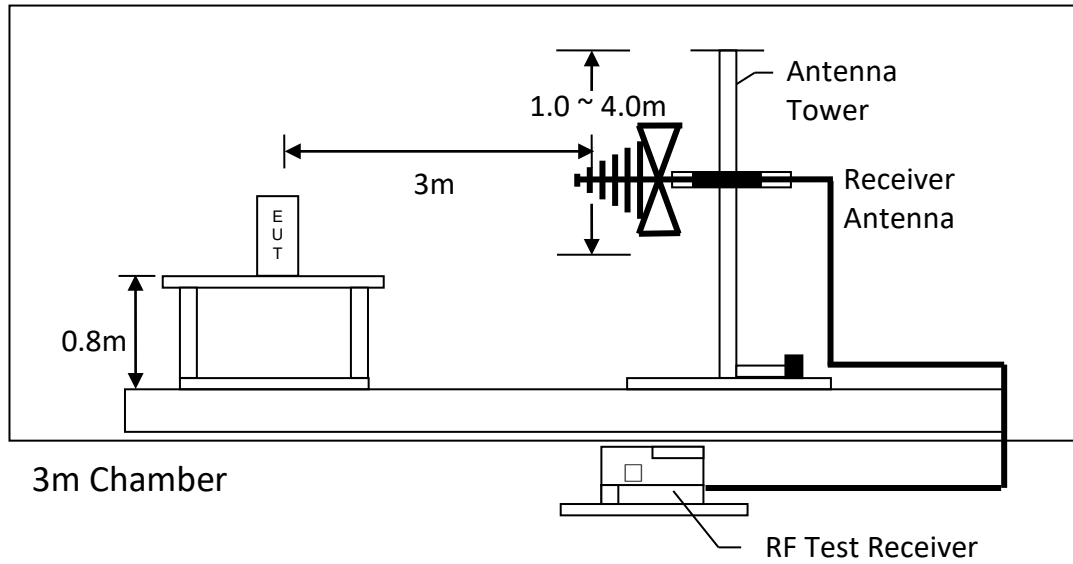
The data in tables 1-4 list the significant emission frequencies, the limit and the margin of compliance.

Judgement – Passed by 10.0 dB margin

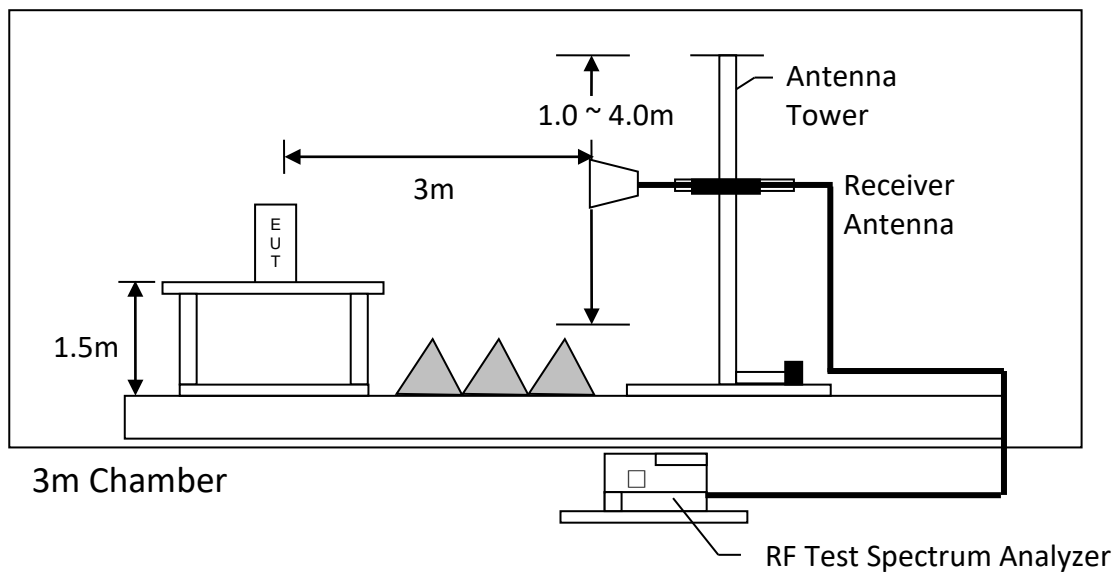
TEST REPORT

3.6.3 Radiated Emission Test Setup

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



Test setup of radiated emissions up to 1GHz



Test setup of radiated emissions above 1GHz

TEST REPORT

RADIATED EMISSION DATA

Mode: TX-Channel 2402MHz

Table 1

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	2390.000	47.6	33	29.4	44.0	54.0	-10.0
H	4804.000	29.9	33	34.9	31.8	54.0	-22.2
V	7206.000	31.3	33	37.9	36.2	54.0	-17.8
V	9608.000	32.4	33	40.4	39.8	54.0	-14.2
H	12010.000	33.6	33	40.5	41.1	54.0	-12.9
V	14412.000	36.3	33	40.0	43.3	54.0	-10.7

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	2390.000	63.1	33	29.4	59.5	74.0	-14.5
H	4804.000	43.6	33	34.9	45.5	74.0	-28.5
V	7206.000	44.7	33	37.9	49.6	74.0	-24.4
V	9608.000	45.4	33	40.4	52.8	74.0	-21.2
H	12010.000	50.6	33	40.5	58.1	74.0	-15.9
V	14412.000	51.4	33	40.0	58.4	74.0	-15.6

- Notes:
1. Peak detector is used for the emission measurement.
 2. Average detector is used for the average data of emission measurement.
 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.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSION DATA

Mode: TX-Channel 2440MHz

Table 2

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)
V	4880.000	30.0	33	34.9	31.9	54.0	-22.1
H	7320.000	32.0	33	37.9	36.9	54.0	-17.1
V	9760.000	33.0	33	40.4	40.4	54.0	-13.6
H	12200.000	34.3	33	40.5	41.8	54.0	-12.2
H	14640.000	38.6	33	38.4	44.0	54.0	-10.0

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)
V	4880.000	43.5	33	34.9	45.4	74.0	-28.6
H	7320.000	45.2	33	37.9	50.1	74.0	-23.9
V	9760.000	46.5	33	40.4	53.9	74.0	-20.1
H	12200.000	51.6	33	40.5	59.1	74.0	-14.9
H	14640.000	52.0	33	38.4	57.4	74.0	-16.6

- Notes:
1. Peak detector is used for the emission measurement.
 2. Average detector is used for the average data of emission measurement.
 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.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSION DATA

Mode: TX-Channel 2480MHz

Table 3

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	2483.500	47.4	33	29.4	43.8	54.0	-10.2
V	4960.000	30.2	33	34.9	32.1	54.0	-21.9
V	7440.000	32.2	33	37.9	37.1	54.0	-16.9
V	9920.000	32.6	33	40.4	40.0	54.0	-14.0
V	12400.000	34.2	33	40.5	41.7	54.0	-12.3
V	14880.000	37.1	33	38.4	42.5	54.0	-11.5

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	2483.500	62.9	33	29.4	59.3	74.0	-14.7
V	4960.000	44.0	33	34.9	45.9	74.0	-28.1
V	7440.000	45.9	33	37.9	50.8	74.0	-23.2
V	9920.000	45.8	33	40.4	53.2	74.0	-20.8
V	12400.000	53.7	33	40.5	61.2	74.0	-12.8
V	14880.000	51.1	33	38.4	56.5	74.0	-17.5

- Notes:
1. Peak detector is used for the emission measurement.
 2. Average detector is used for the average data of emission measurement.
 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.
 7. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

RADIATED EMISSION DATA

Mode: BLE Operating (Serial Number: 9SH-US-UMA3199A)

Table 4

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp (dB)	Antenna Factor (dB)	Net at 3m (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)
V	34.729	25.9	16	10.0	19.9	40.0	-20.1
V	70.013	13.2	16	7.0	4.2	40.0	-35.8
V	165.194	9.4	16	17.0	10.4	43.5	-33.1
V	291.051	11.8	16	22.0	17.8	46.0	-28.2
H	493.539	4.4	16	26.0	14.4	46.0	-31.6
V	695.541	6.0	16	30.0	20.0	46.0	-26.0

- Notes:
1. Quasi-Peak detector is used for the emission measurement.
 2. All measurements were made at 3 meters.
 3. Negative value in the margin column shows emission below limit.
 4. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205.
 5. Measurement Uncertainty is ± 5.3 dB at a level of confidence of 95%.

TEST REPORT

3.7 Transmitter Duty Cycle Calculation

Not Applicable – No average factor is required

3.8 AC Power Line Conducted Emission

- ☐ Not Applicable – EUT is only powered by battery for operation.
- ☒ EUT connects to AC power line. Emission Data is listed in following pages.
- ☐ Base Unit connects to AC power line and has transmission. Handset connects to AC power line but has no transmission. Emission Data of Base Unit is listed in following pages.

3.8.1 AC Power Line Conducted Emission Configuration Photograph

Worst Case Line-Conducted Configuration at 0.3885 MHz.

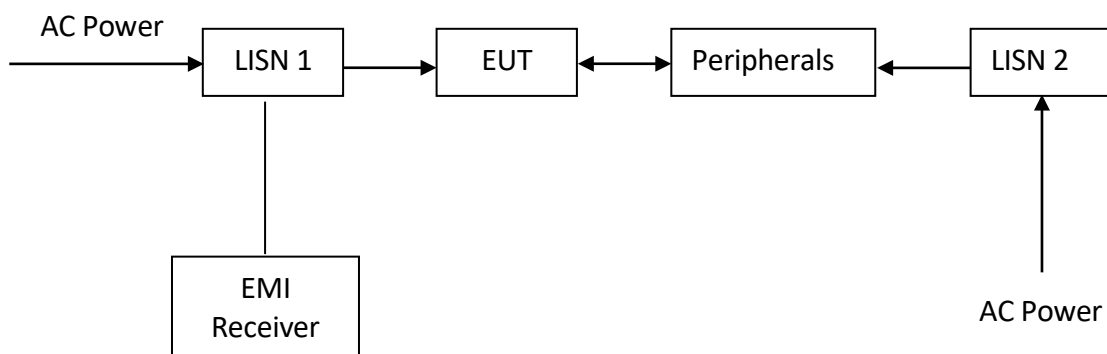
The worst-case line conducted configuration photographs are attached in the Appendix and saved with filename: Setup Photos.pdf.

3.8.2 AC Power Line Conducted Emission Data

The plot(s) and data in the following pages list the significant emission frequencies, the limit and the margin of compliance.

Passed by 10.77 dB margin

3.8.3 Conducted Emission Test Setup



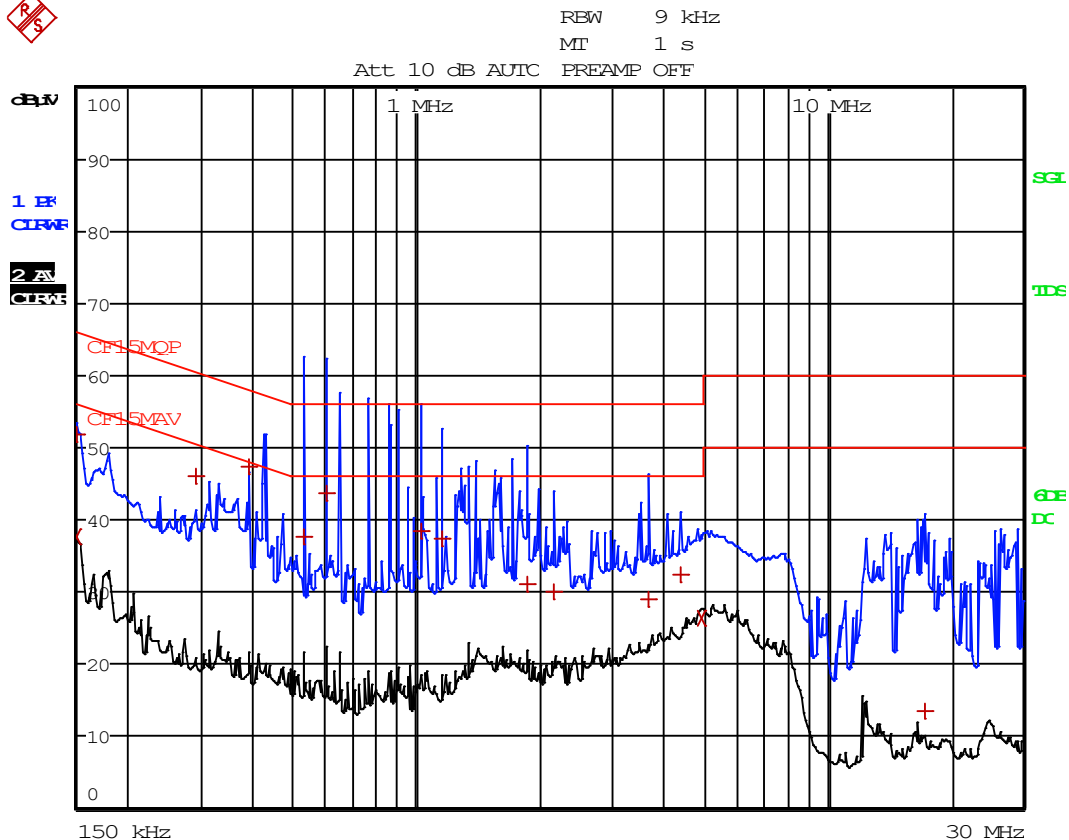
The EUT along with its peripherals were placed on a 1.0m(W)×1.5m(L) and 0.8m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane. The EUT was connected to power mains through a line impedance stabilization network (LISN), which provided 50 ohm 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.

TEST REPORT

AC POWER LINE CONDUCTED EMISSION

Worst Case: BLE Operating (Serial Number: 9SH-US-UMA3199A)



TEST REPORT

AC POWER LINE CONDUCTED EMISSION

Worst Case: BLE Operating (Serial Number: 9SH-US-UMA3199A)

EDIT PEAK LIST (Final Measurement Results)

Trace1: CF15MQP

Trace2: CF15MAV

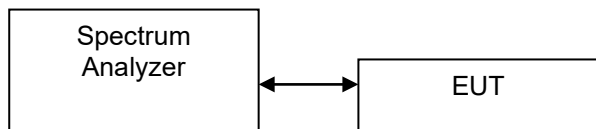
Trace3: ---

	TRACE	FREQUENCY	LEVEL dBμV	DELTA LIMIT dB
1	Quasi Peak	150 kHz	51.85 L1	-14.14
2	CISPR Average	150 kHz	37.74 N	-18.26
1	Quasi Peak	289.5 kHz	46.10 L1	-14.43
1	Quasi Peak	388.5 kHz	47.32 L1	-10.77
1	Quasi Peak	532.5 kHz	37.65 L1	-18.34
1	Quasi Peak	604.5 kHz	43.73 N	-12.26
1	Quasi Peak	1.023 MHz	38.45 N	-17.54
1	Quasi Peak	1.1535 MHz	37.47 L1	-18.52
1	Quasi Peak	1.869 MHz	31.06 N	-24.93
1	Quasi Peak	2.1525 MHz	29.96 N	-26.04
1	Quasi Peak	3.6735 MHz	29.04 L1	-26.95
1	Quasi Peak	4.4115 MHz	32.38 L1	-23.62
2	CISPR Average	4.9245 MHz	26.38 L1	-19.61
1	Quasi Peak	17.2905 MHz	13.60 L1	-46.39

TEST REPORT

OCCUPIED BANDWIDTH

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



Occupied Bandwidth Results: (Refer to Test Data.pdf)

Frequency (MHz)	Occupied Bandwidth (kHz)
Low Channel: 2402 (P.5)	1038
Middle Channel: 2440 (P.16)	1053
High Channel: 2480 (P.24)	1038

TEST REPORT

EXHIBIT 4 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	May 02, 2026	July 30, 2026	July 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-0194	EW-3326	EW-3229
Manufacturer	EMCO	EMCO	BONN ELEKTRO
Model No.	3115	6502	BLMA 0118-5G
Calibration Date	January 23, 2025	January 05, 2024	October 14, 2024
Calibration Due Date	July 23, 2026	January 05, 2026	January 14, 2026

Equipment	2.4GHz Notch Filter	14m Double Shield RF Cable (9kHz - 6GHz)	RF Cable 14m (1GHz to 26.5GHz)
Registration No.	EW-3435	EW-2376	EW-2781
Manufacturer	MICROWAVE	RADIAL	GREATBILLION
Model No.	N0324413	n m/br56/bnc m 14m	SMA m/SHF5MPU /SMA m ra14m,26G
Calibration Date	October 09, 2024	November 06, 2025	February 18, 2025
Calibration Due Date	January 09, 2026	November 06, 2026	February 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	February 18, 2026	May 06, 2027

TEST REPORT

EXHIBIT 4 EQUIPMENT LIST (CONT'D)

2) Conductive Measurement Test

Equipment	5m RF Cable (40GHz)	RF Power Meter with Power Sensor (N1921A)	EMI Test Receiver (9kHz to 26.5GHz)
Registration No.	EW-2701	EW-3309	EW-3156
Manufacturer	RADIAL	ROHDESCHWARZ	ROHDESCHWARZ
Model No.	Sma m-m 5m 40G	NRP-Z81	ESR26
Calibration Date	November 24, 2020	February 14, 2023	January 31, 2024
Calibration Due Date	May 24, 2024	May 14, 2024	January 31, 2025

3) 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	RADIAL	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	June 12, 2026	June 23, 2026	June 19, 2026

4) Control Software for Radiated Emission

Software Information	
Software Name	EMC32
Manufacturer	ROHDESCHWARZ
Software version	10.50.40

END OF TEST REPORT