



RF TEST REPORT

Product Name: Smart Watch

Model Number: S70

FCC ID: 2BEQO-S70

Issued For : SHENZHEN HAOCHENG TECHNOLOGY CO., LTD
501, Main Building, Qiaocheng No.1 Plaza, No.2 shenyun Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen city, China

Issued By : Shenzhen LGT Test Service Co., Ltd.
Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China

Report Number: LGT26H220RF02

Sample Received Date: Aug. 25, 2026

Date of Test: Aug. 25, 2026 ~ Sep. 03, 2026

Date of Issue: Sep. 03, 2026

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TEST REPORT CERTIFICATION

Applicant: SHENZHEN HAOCHENG TECHNOLOGY CO., LTD
Address: 501, Main Building, Qiaocheng No.1 Plaza, No.2 shenyun Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen city, China
Manufacturer: SHENZHEN HAOCHENG TECHNOLOGY CO., LTD
Address: 501, Main Building, Qiaocheng No.1 Plaza, No.2 shenyun Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen city, China
Product Name: Smart Watch
Trademark: N/A
Model Number: S70
Sample Status: Normal

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC Part 15.247, Subpart C ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	PASS

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Technical Director





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Revision History

Rev.	Issue Date	Revisions
00	Sep. 03, 2026	Initial Issue



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:
KDB 558074 D01 Part 15.247 Meas Guidance v05r02.

FCC Part 15.247, Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	--
15.247 (a)(2)	6dB Bandwidth	PASS	--
15.247 (b)(3)	Output Power	PASS	--
15.209	Radiated Spurious Emission	PASS	--
15.247 (d)	Conducted Spurious & Band Edge Emission	PASS	--
15.247 (e)	Power Spectral Density	PASS	--
15.205	Restricted Band Edge Emission	PASS	--
Part 15.247(d)/ Part 15.209(a)	Band Edge Emission	PASS	--
15.203	Antenna Requirement	PASS	--

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024.



1.1 TEST LABORATORY

Company Name:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China
Accreditation Certificate:	FCC Registration No.: 746540
	CAB ID: CN0136

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95** %.

No.	Item	Uncertainty
1	Occupied Channel Bandwidth	$\pm 0.46\%$
2	RF Output Power, Conducted	$\pm 0.71\text{dB}$
3	Power Spectral Density, Conducted	$\pm 1.57\text{dB}$
4	Unwanted Emission, Conducted	$\pm 0.63\text{dB}$
5	Conducted emission	$\pm 2.80\text{dB}$
6	All Emissions, Radiated (0.009-30MHz)	$\pm 2.16\text{dB}$
7	All Emissions, Radiated (30MHz-1GHz)	$\pm 4.61\text{dB}$
8	All Emissions, Radiated (1GHz-18GHz)	$\pm 5.49\text{dB}$
9	All Emissions, Radiated (18GHz-40GHz)	$\pm 4.31\text{dB}$
10	Temperature	$\pm 0.5^{\circ}\text{C}$
11	Humidity	$\pm 2\%$
12	Duty Cycle	$\pm 2.3\%$

Note: The measurement uncertainty is not included in the test result.



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	Smart Watch	
Test Model Number:	S70	
Series Number:	N/A	
Model Difference:	N/A	
Product Description:	Operation Frequency:	2402~2480 MHz
	Modulation Type:	GFSK
	Radio Technology:	BLE
	Bluetooth Configuration:	BLE (1M PHY, 2M PHY)
	Number Of Channel:	40
	Antenna Designation:	Monopole Antenna
	Antenna Gain (dBi)	-3.78
Channel List:	Please refer to the Note 3.	
Rating:	Input: DC 5V 200mA	
Battery:	Capacity: 235mAh Rated Voltage: 3.8V	
Hardware Version:	AB281_V03	
Software Version:	V1306	
Connecting I/O Port(s):	Please refer to the Note 1.	

Note:

- For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
- The antenna information refers to the manufacturer provide report, applicable only to the tested sample identified in the report. Due to the incorrect antenna information, a series of problems such as the accuracy of the test results will be borne by the customer.
-

Channel List							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	10	2422	20	2442	30	2462
01	2404	11	2424	21	2444	31	2464
02	2406	12	2426	22	2446	32	2466
03	2408	13	2428	23	2448	33	2468
04	2410	14	2430	24	2450	34	2470
05	2412	15	2432	25	2452	35	2472
06	2414	16	2434	26	2454	36	2474
07	2416	17	2436	27	2456	37	2476
08	2418	18	2438	28	2458	38	2478
09	2420	19	2440	29	2460	39	2480



2.2 DESCRIPTION OF THE TEST MODES

For conducted test items and radiated spurious emissions

Each of these EUT operation mode(s) or test configuration mode(s) mentioned below was evaluated respectively.

Worst Mode	Description	Data/Modulation
Mode 1	TX CH00(2402MHz)	1 Mbps/GFSK
Mode 2	TX CH19(2440MHz)	1 Mbps/GFSK
Mode 3	TX CH39(2480MHz)	1 Mbps/GFSK
Mode 4	TX CH00(2402MHz)	2 Mbps/GFSK
Mode 5	TX CH19(2440MHz)	2 Mbps/GFSK
Mode 6	TX CH39(2480MHz)	2 Mbps/GFSK

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.

(2) We have be tested for all avaiable U.S. voltage and frequency (For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation, and the worst case of 120V/60Hz is shown in the report.

(3) The battery is fully-charged during the radited and RF conducted test.

For AC Conducted Emission

Test Case	
AC Conducted Emission	Mode 7: Keeping BLE TX

2.3 TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

Test software Version	Test program: BLE	
BT_Tool V1.1.4	Mode Or Modulation type	Power setting
	1M	Default
	2M	Default



2.4 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Accessories Equipment

Description	Manufacturer	Model	S/N	Rating
USB Cable	N/A	N/A	N/A	0.5m

Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Adapter	Tenpao	S010WU05002 00	N/A	Input: 100-240V 50/60Hz 0.4A Output: 5V, 2A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.



2.5 EQUIPMENTS LIST

Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESCI	100458	2026-04-21	2027-04-20
LISN	COM-POWER	LI-115	02032	2026-03-03	2027-03-02
LISN	SCHWARZBECK	NNLK 8122	00160	2026-03-03	2027-03-02
Transient Limiter	CYBERTEK	EM5010A	E22501000 49	2026-03-03	2027-03-02
Coaxial cables (9kHz-30MHz)	Juncoax	JMR600-NMN M-2M	N.A	2026-03-03	2027-03-02
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2026-03-05	2027-03-04
Testing Software	EMC-I_V1.5.0.16_SKET				

Radiated Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2026-03-02	2027-03-01
Active loop Antenna	ETS	6502	00049544	2025-03-11	2028-03-10
Spectrum Analyzer	Keysight	N9010B	MY602425 08	2026-03-03	2027-03-02
Trilog Broadband Antenna (30M-1G)	SCHWARZBECK	VULB 9168	2705	2024-05-17	2027-05-16
Horn Antenna(1-18G)	SCHWARZBECK	3115	10SL0060	2025-03-10	2028-03-09
Horn Antenna(18-40G)	SCHWARZBECK	BBHA 9170	685	2023-10-23	2026-10-22
Pre-amplifier(30M-1G)	EMtrace	RP01A	02019	2026-03-02	2027-03-01
Pre-amplifier(1-26.5G)	Agilent	8449B	3008A4722	2026-03-02	2027-03-01
Pre-amplifier(18-40G)	SCHWARZBECK	BBV 9721	9721-019	2025-10-20	2026-10-19
Coaxial cables (9kHz-1GHz)	Juncoax	JMR600-NMN M-8M	N.A	2026-03-03	2027-03-02
Coaxial cables (1GHz-18GHz)	TaiHe	UCD460B-NM SM-1M9	N.A	2026-03-03	2027-03-02
Coaxial cables (18GHz-40GHz)	Junkosha Inc.	MWX241-050 00KMSKMS	N.A	2026-03-03	2027-03-02
Band 2.4G-2.5G Filter	SEKT	K6-2400-2500- 10S4550-001	N.A	2026-03-08	2027-03-07
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2026-08-07	2027-08-06
Antenna Tower	SAEMC	BK-4AT-BS-D	SK2021093 008	N.A	N.A
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2026-03-05	2027-03-04
Testing Software	EMC-I_V1.5.0.16_SKET				

RF Conducted Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
Signal Analyzer	Keysight	N9020A	MY505309 94	2026-03-03	2027-03-02
Power Sensor	R&S	NRP8S	104963	2026-03-02	2027-03-01
RF Automatic Test system	TST	TST PASS	293	2026-07-14	2027-07-13
MXG Vector Signal Generator	Keysight	N5182B	MY591007 17	2026-03-03	2027-03-02
Temperature& Humidity	AISRY	LX-1000L	171200018	2026-07-29	2027-07-28



test chamber					
Attenuator	eastsheep	90db	N.A	2026-03-02	2027-03-01
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2026-03-05	2027-03-04
Digital multimeter	FLUKE	F101	N.A	2026-03-03	2027-03-02
DC source	Keysight	E3634A	MY580364 68	2026-03-05	2027-03-04
Testing Software	TST Pass_2.0.2				



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

The radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table.

FREQUENCY (MHz)	Conducted Emission limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of “ * ” marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

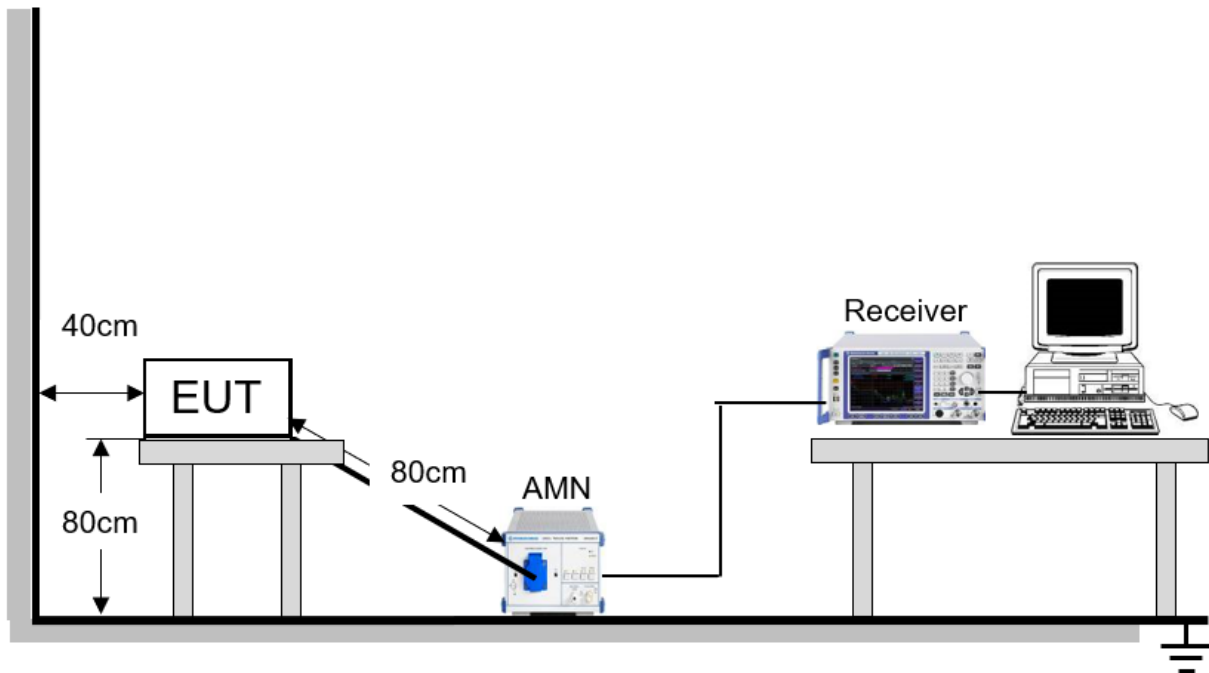
Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz



3.2 TEST PROCEDURE

- a. The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN is at least 80 cm from the nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.3 TEST SETUP



3.4 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

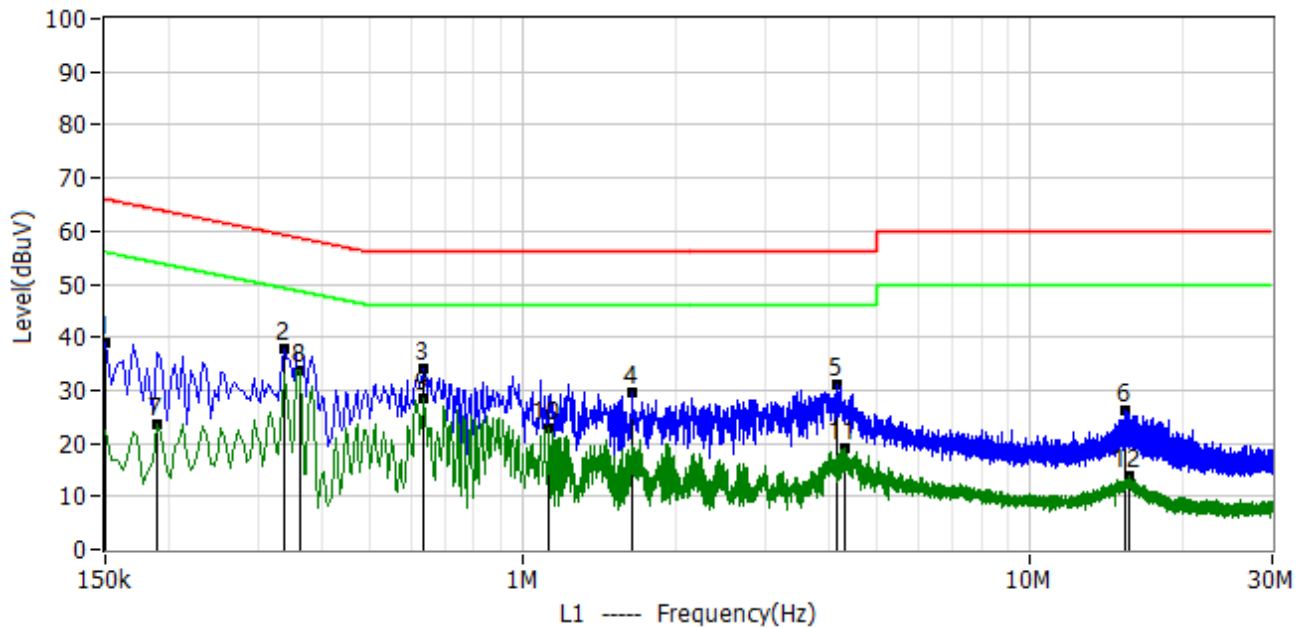


3.5 TEST RESULTS

Note: Level = Reading + Factor

Margin = Level – Limit

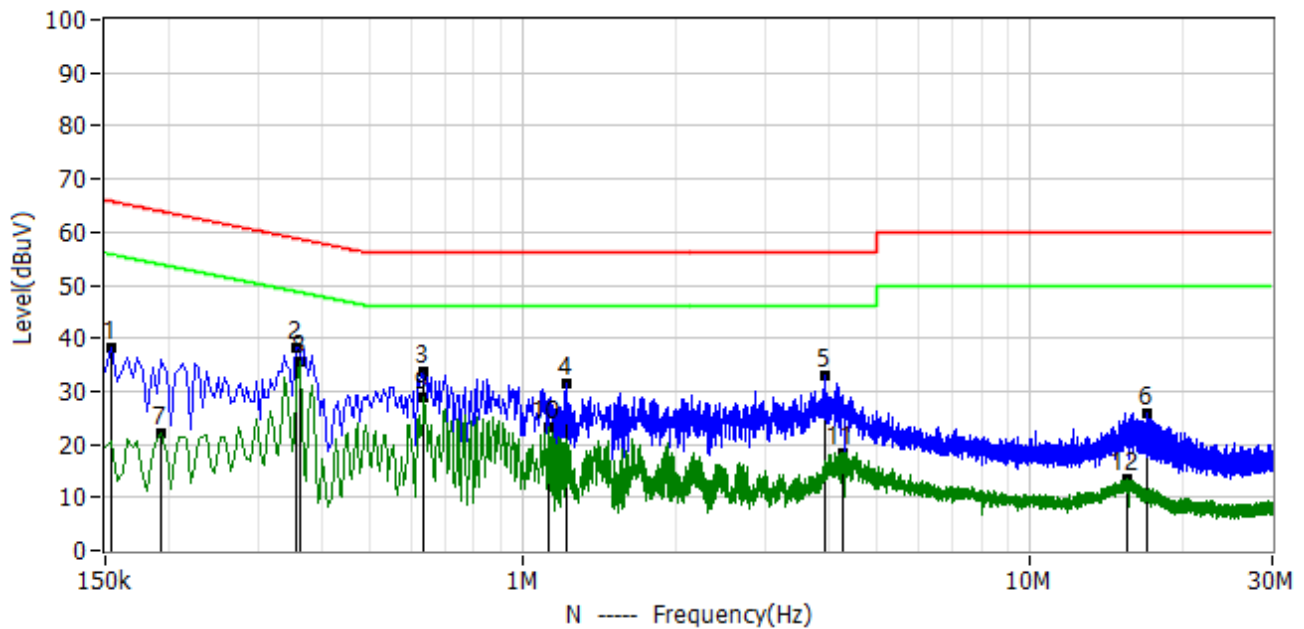
Project: LGT26H220	Test Engineer: Bill Chen
EUT: Smart Watch	Temperature: 25.5°C
M/N: S70	Humidity: 48%RH
Test Voltage: AC 120V/60Hz	Test Date: 2026-08-26
Test Mode: TX BLE 2Mbps 2440	
Note: AC Mains port	



No.	Frequency MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	0.150	28.27	10.64	38.91	66.00	-27.09	QP	L1
2*	0.338	27.12	10.63	37.75	59.25	-21.51	QP	L1
3*	0.638	23.30	10.64	33.94	56.00	-22.06	QP	L1
4*	1.638	18.74	10.80	29.54	56.00	-26.46	QP	L1
5*	4.170	20.20	10.98	31.18	56.00	-24.82	QP	L1
6*	15.314	14.57	11.46	26.03	60.00	-33.97	QP	L1
7*	0.190	13.02	10.63	23.65	54.04	-30.39	AV	L1
8*	0.362	22.97	10.63	33.60	48.68	-15.09	AV	L1
9*	0.638	17.80	10.64	28.44	46.00	-17.56	AV	L1
10*	1.126	12.26	10.68	22.94	46.00	-23.06	AV	L1
11*	4.290	8.07	10.98	19.05	46.00	-26.95	AV	L1
12*	15.702	2.49	11.46	13.95	50.00	-36.05	AV	L1



Project: LGT26H220	Test Engineer: Bill Chen
EUT: Smart Watch	Temperature: 25.5°C
M/N: S70	Humidity: 48%RH
Test Voltage: AC 120V/60Hz	Test Date: 2026-08-26
Test Mode: TX BLE 2Mbps 2440	
Note: AC Mains port	



No.	Frequency MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	0.154	27.43	10.65	38.08	65.78	-27.71	QP	N
2*	0.358	27.57	10.64	38.21	58.77	-20.57	QP	N
3*	0.638	22.92	10.65	33.57	56.00	-22.43	QP	N
4*	1.214	20.69	10.71	31.40	56.00	-24.60	QP	N
5*	3.926	21.94	10.96	32.90	56.00	-23.10	QP	N
6*	16.946	14.45	11.52	25.97	60.00	-34.03	QP	N
7*	0.194	11.53	10.65	22.18	53.86	-31.68	AV	N
8*	0.362	24.87	10.64	35.51	48.68	-13.18	AV	N
9*	0.638	18.35	10.65	29.00	46.00	-17.00	AV	N
10*	1.126	12.56	10.69	23.25	46.00	-22.75	AV	N
11*	4.266	7.53	10.98	18.51	46.00	-27.49	AV	N
12*	15.462	2.01	11.48	13.49	50.00	-36.51	AV	N



4. RADIATED EMISSION MEASUREMENT

4.1 RADIATED EMISSION LIMITS

In case the emission fall within the Restricted band specified on Part15.205 (a)&209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (0.009MHz - 1000MHz)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (1GHz-25 GHz)

FREQUENCY (MHz)	(dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

LIMITS OF RESTRICTED FREQUENCY BANDS

FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (GHz)
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			



For Radiated Emission

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/QP/AV
Start Frequency	9 KHz/150KHz (Peak/QP/AV)
Stop Frequency	150KHz/30MHz (Peak/QP/AV)
RB / VB (emission in restricted band)	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz); 200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/QP
Start Frequency	30 MHz (Peak/QP)
Stop Frequency	1000 MHz (Peak/QP)
RB / VB (emission in restricted band)	120 KHz / 300 KHz

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz (Peak/AV)
Stop Frequency	10th carrier hamonic (Peak/AV)
RB / VB (emission in restricted band)	1 MHz / 3 MHz(Peak) 1 MHz/1/T MHz(AVG)

For Restricted band

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2310 to 2410 MHz Upper Band Edge: 2475 to 2500 MHz
RB / VB	1 MHz / 3 MHz(Peak) 1 MHz/1/T MHz(AVG)

Receiver Parameter	Setting
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

4.2 TEST PROCEDURE

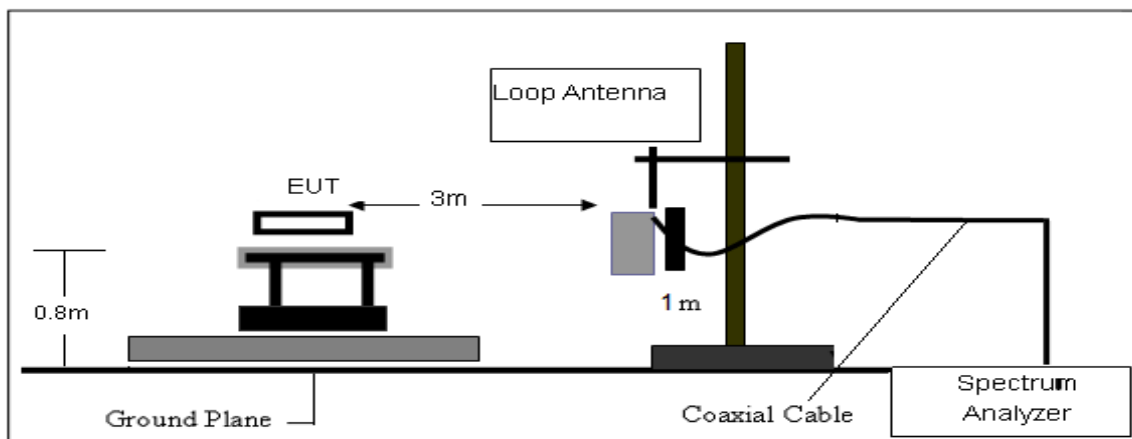
- The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- The height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and QuasiPeak detector mode will be re-measured.
- If the Peak Mode measured value is compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and no additional QP Mode measurement was performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

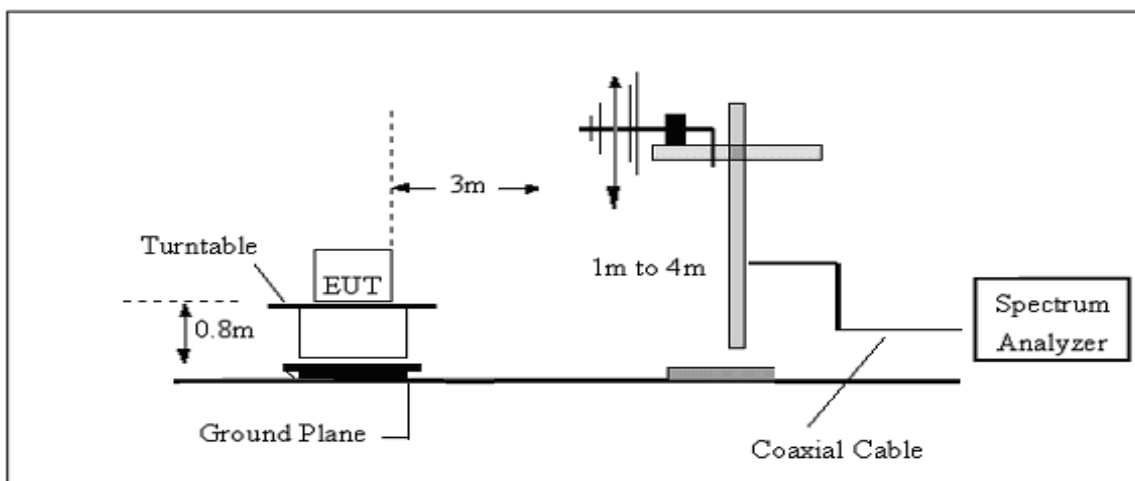
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

4.3 TEST SETUP

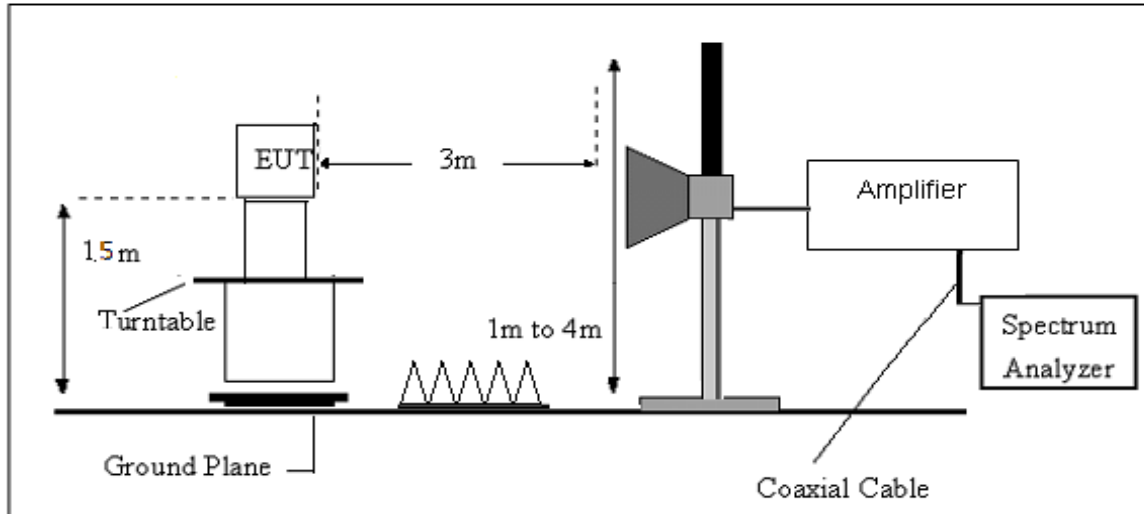
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



4.4 EUT OPERATING CONDITIONS

Please refer to section 3.4 of this report.

4.5 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

Frequency	FS	RA	AF	CL	AG	Factor
(MHz)	(dBμV/m)	(dBμV/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

$$\text{Factor} = AF + CL - AG$$



4.6 TEST RESULTS

Results of Radiated Emissions (9 KHz~30MHz)

No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Remark
1*	-	-	-	-	-	-	-	See Note

Note:

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB);
Limit line = specific limits (dBuV) + distance extrapolation factor.



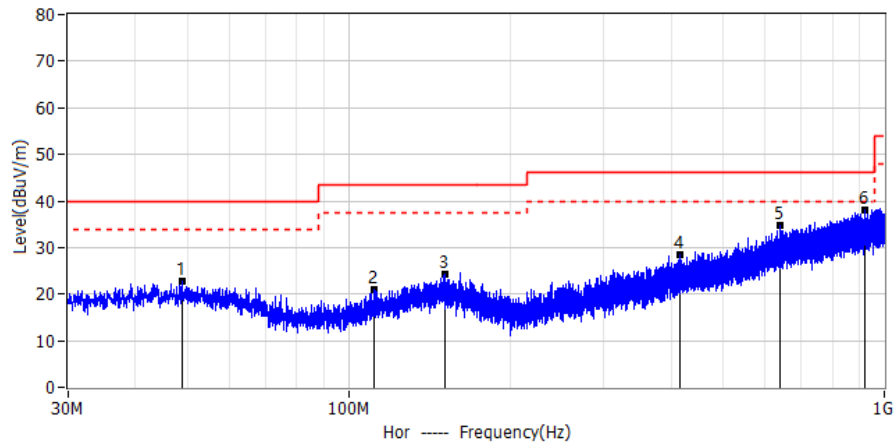
Results of Radiated Emissions (30MHz~1000MHz)

Note: 1. All mode has been tested, only shown the worst case data.

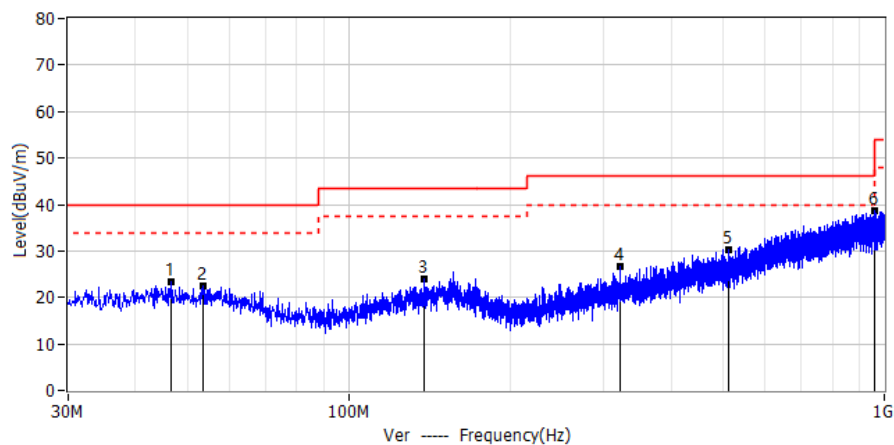
2. Note: Level = Reading + Factor

Margin = Level – Limit

Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: TX BLE 2Mbps 2440	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	48.853	1.83	20.96	22.79	40.00	-17.21	QP	Hor
2*	111.579	2.22	18.78	21.00	43.50	-22.50	QP	Hor
3*	151.175	2.43	21.89	24.32	43.50	-19.18	QP	Hor
4*	414.369	2.72	25.68	28.40	46.00	-17.60	QP	Hor
5*	640.155	4.31	30.35	34.66	46.00	-11.34	QP	Hor
6*	918.072	3.63	34.42	38.05	46.00	-7.95	QP	Hor

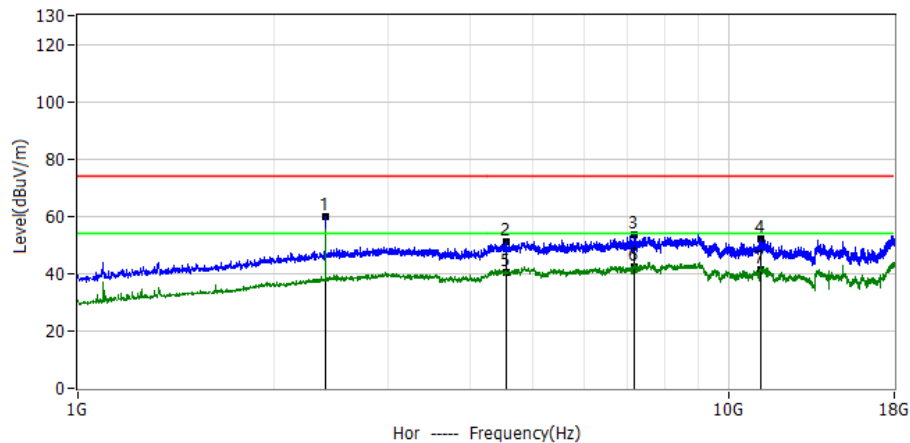


No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	46.611	2.67	20.71	23.38	40.00	-16.62	QP	Ver
2*	53.523	1.79	20.77	22.56	40.00	-17.44	QP	Ver
3*	138.519	2.67	21.17	23.84	43.50	-19.66	QP	Ver
4*	321.849	3.60	22.92	26.52	46.00	-19.48	QP	Ver
5*	511.605	2.66	27.64	30.30	46.00	-15.70	QP	Ver
6*	956.593	3.71	34.97	38.68	46.00	-7.32	QP	Ver

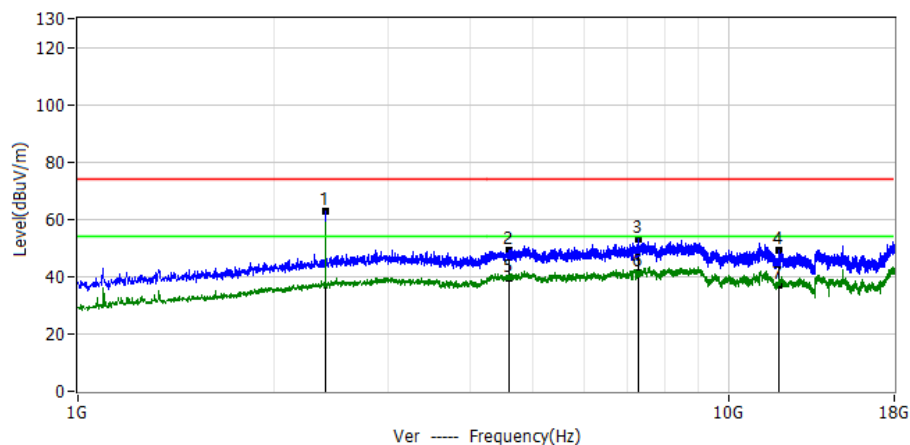


Results of Radiated Emissions (Above 1000MHz)

Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 1M 2402	
Note:	



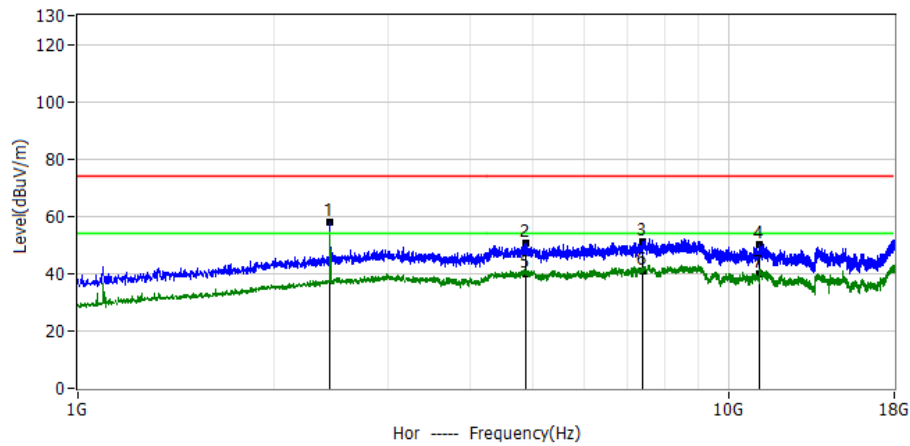
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4025GHz	70.94	-11.05	59.89	/	/	PK	Hor
2*	4.5594GHz	56.66	-5.65	51.01	74.00	-22.99	PK	Hor
3*	7.1795GHz	60.40	-7.06	53.34	74.00	-20.66	PK	Hor
4*	11.2149GHz	57.27	-5.06	52.21	74.00	-21.79	PK	Hor
5*	4.5594GHz	46.15	-5.65	40.50	54.00	-13.50	AV	Hor
6*	7.1795GHz	49.46	-7.06	42.40	54.00	-11.60	AV	Hor
7*	11.2149GHz	46.56	-5.06	41.50	54.00	-12.50	AV	Hor



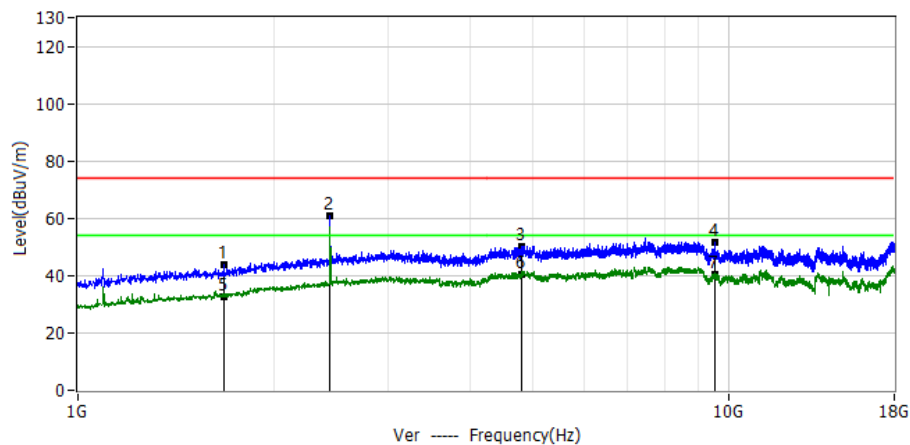
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4025GHz	73.97	-11.05	62.92	/	/	PK	Ver
2*	4.5934GHz	54.97	-5.68	49.29	74.00	-24.71	PK	Ver
3*	7.2581GHz	60.10	-7.04	53.06	74.00	-20.94	PK	Ver
4*	11.9905GHz	54.31	-4.93	49.38	74.00	-24.62	PK	Ver
5*	4.5934GHz	45.28	-5.68	39.60	54.00	-14.40	AV	Ver
6*	7.2581GHz	48.44	-7.04	41.40	54.00	-12.60	AV	Ver
7*	11.9905GHz	42.13	-4.93	37.20	54.00	-16.80	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 1M 2440	
Note:	



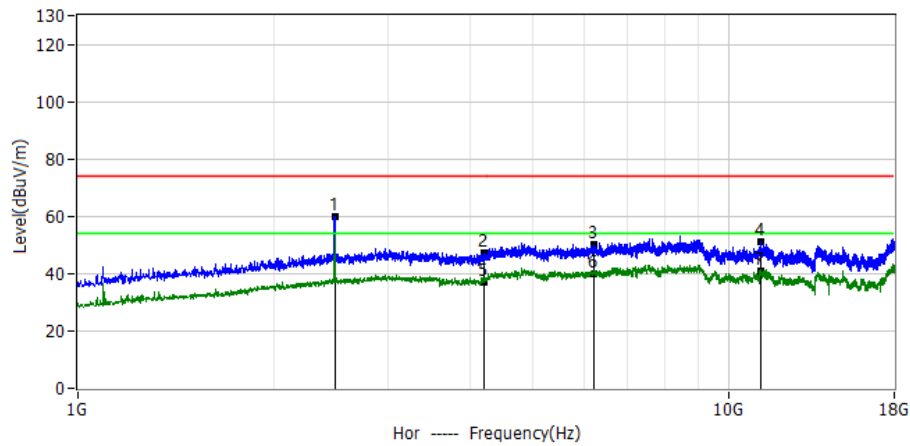
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4407GHz	68.83	-10.69	58.14	/	/	PK	Hor
2*	4.8866GHz	56.58	-5.92	50.66	74.00	-23.34	PK	Hor
3*	7.3707GHz	58.27	-7.02	51.25	74.00	-22.75	PK	Hor
4*	11.1469GHz	55.44	-5.08	50.36	74.00	-23.64	PK	Hor
5*	4.8866GHz	45.72	-5.92	39.80	54.00	-14.20	AV	Hor
6*	7.3707GHz	47.72	-7.02	40.70	54.00	-13.30	AV	Hor
7*	11.1469GHz	45.18	-5.08	40.10	54.00	-13.90	AV	Hor



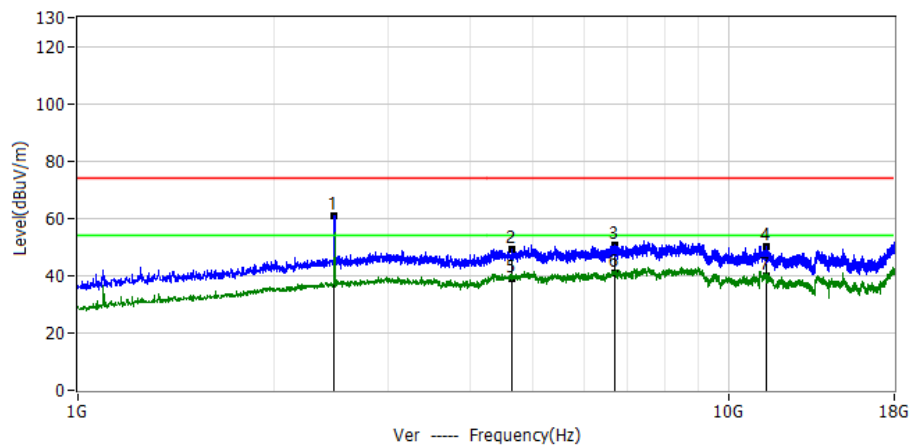
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.6757GHz	62.25	-18.65	43.60	74.00	-30.40	PK	Ver
2*	2.4407GHz	71.43	-10.69	60.74	/	/	PK	Ver
3*	4.8122GHz	56.16	-5.86	50.30	74.00	-23.70	PK	Ver
4*	9.5340GHz	58.74	-7.18	51.56	74.00	-22.44	PK	Ver
5*	1.6757GHz	51.15	-18.65	32.50	54.00	-21.50	AV	Ver
6*	4.8122GHz	46.16	-5.86	40.30	54.00	-13.70	AV	Ver
7*	9.5340GHz	47.58	-7.18	40.40	54.00	-13.60	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 1M 2480	
Note:	



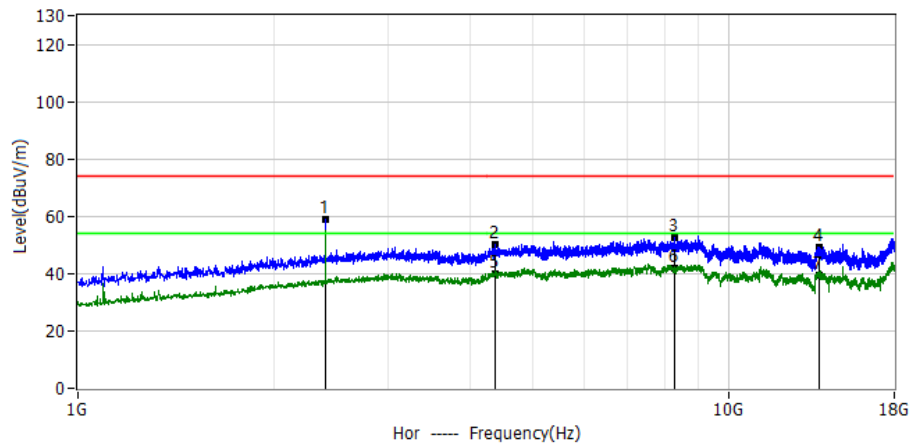
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4811GHz	70.17	-10.32	59.85	/	/	PK	Hor
2*	4.2130GHz	54.25	-6.80	47.45	74.00	-26.55	PK	Hor
3*	6.2211GHz	58.01	-7.76	50.25	74.00	-23.75	PK	Hor
4*	11.2021GHz	55.96	-5.07	50.89	74.00	-23.11	PK	Hor
5*	4.2130GHz	44.00	-6.80	37.20	54.00	-16.80	AV	Hor
6*	6.2211GHz	47.76	-7.76	40.00	54.00	-14.00	AV	Hor
7*	11.2021GHz	46.17	-5.07	41.10	54.00	-12.90	AV	Hor



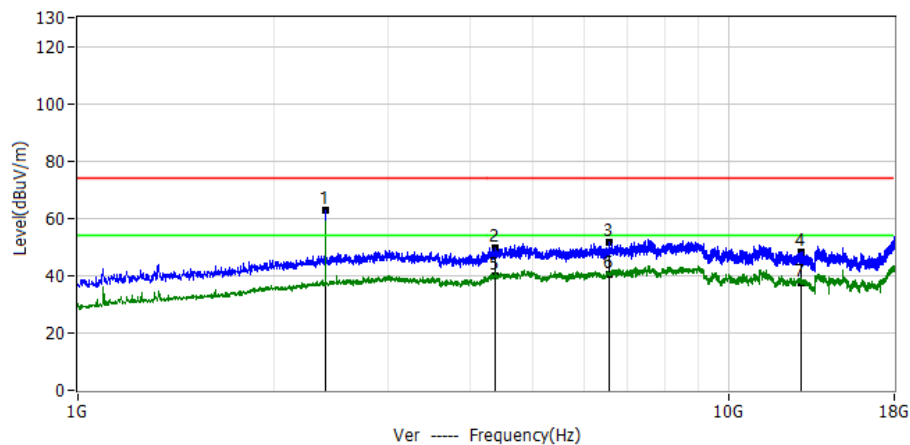
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4790GHz	71.14	-10.34	60.80	/	/	PK	Ver
2*	4.6380GHz	54.80	-5.71	49.09	74.00	-24.91	PK	Ver
3*	6.7056GHz	57.73	-7.33	50.40	74.00	-23.60	PK	Ver
4*	11.4295GHz	54.99	-5.03	49.96	74.00	-24.04	PK	Ver
5*	4.6380GHz	44.61	-5.71	38.90	54.00	-15.10	AV	Ver
6*	6.7056GHz	48.33	-7.33	41.00	54.00	-13.00	AV	Ver
7*	11.4295GHz	44.83	-5.03	39.80	54.00	-14.20	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 2M 2402	
Note:	



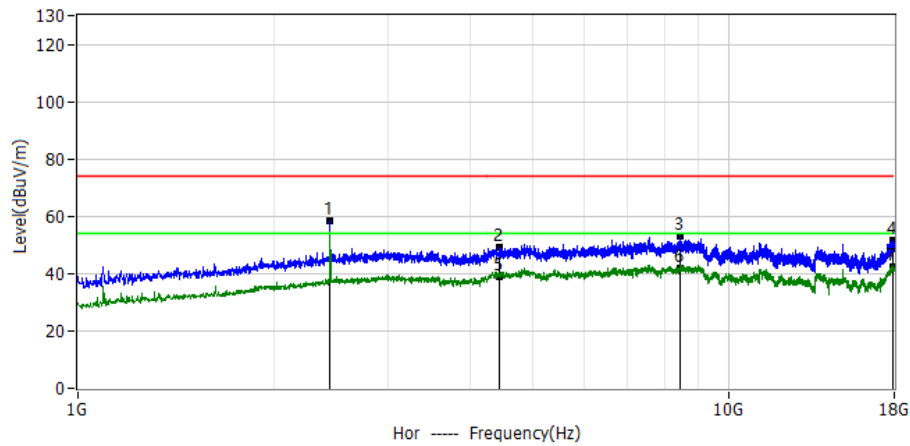
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4025GHz	70.17	-11.05	59.12	/	/	PK	Hor
2*	4.3851GHz	56.28	-6.08	50.20	74.00	-23.80	PK	Hor
3*	8.2802GHz	60.07	-7.71	52.36	74.00	-21.64	PK	Hor
4*	13.7712GHz	54.08	-4.81	49.27	74.00	-24.73	PK	Hor
5*	4.3851GHz	46.08	-6.08	40.00	54.00	-14.00	AV	Hor
6*	8.2802GHz	49.61	-7.71	41.90	54.00	-12.10	AV	Hor
7*	13.7712GHz	44.31	-4.81	39.50	54.00	-14.50	AV	Hor



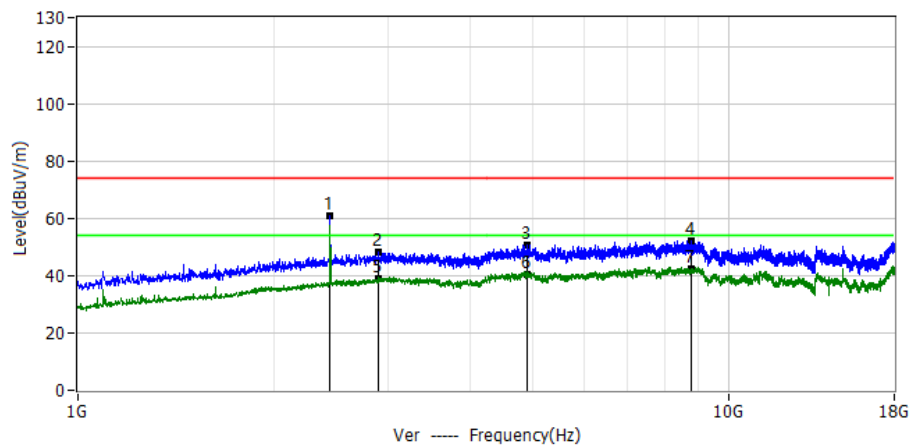
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4025GHz	73.82	-11.05	62.77	/	/	PK	Ver
2*	4.3872GHz	55.68	-6.07	49.61	74.00	-24.39	PK	Ver
3*	6.5739GHz	59.01	-7.43	51.58	74.00	-22.42	PK	Ver
4*	12.9510GHz	53.29	-4.88	48.41	74.00	-25.59	PK	Ver
5*	4.3872GHz	46.07	-6.07	40.00	54.00	-14.00	AV	Ver
6*	6.5739GHz	47.83	-7.43	40.40	54.00	-13.60	AV	Ver
7*	12.9510GHz	42.48	-4.88	37.60	54.00	-16.40	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 2M 2440	
Note:	



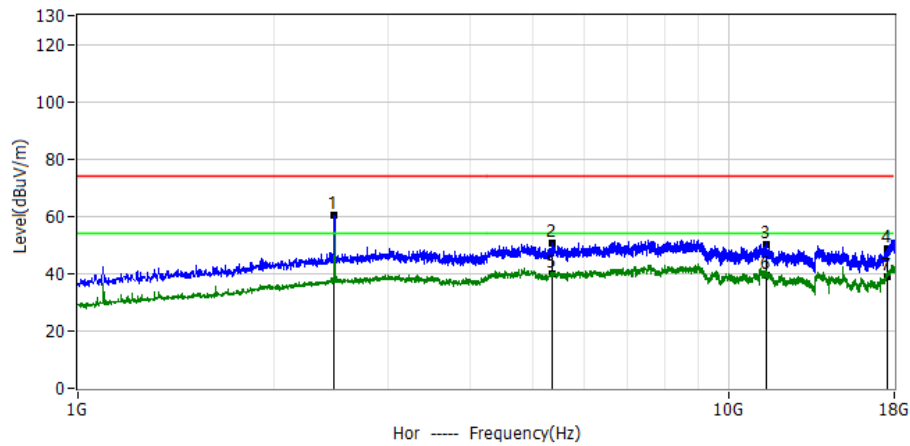
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4407GHz	68.92	-10.69	58.23	/	/	PK	Hor
2*	4.4552GHz	54.80	-5.79	49.01	74.00	-24.99	PK	Hor
3*	8.4290GHz	60.53	-7.56	52.97	74.00	-21.03	PK	Hor
4*	17.9107GHz	54.74	-3.11	51.63	74.00	-22.37	PK	Hor
5*	4.4552GHz	44.59	-5.79	38.80	54.00	-15.20	AV	Hor
6*	8.4290GHz	49.26	-7.56	41.70	54.00	-12.30	AV	Hor
7*	17.9107GHz	45.51	-3.11	42.40	54.00	-11.60	AV	Hor



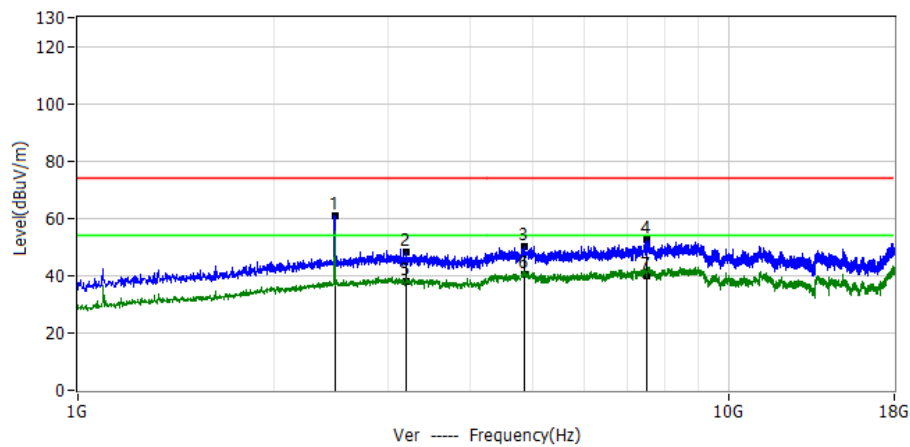
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4407GHz	71.42	-10.69	60.73	/	/	PK	Ver
2*	2.8997GHz	56.94	-8.53	48.41	74.00	-25.59	PK	Ver
3*	4.9015GHz	56.73	-5.93	50.80	74.00	-23.20	PK	Ver
4*	8.7520GHz	59.33	-7.24	52.09	74.00	-21.91	PK	Ver
5*	2.8997GHz	47.33	-8.53	38.80	54.00	-15.20	AV	Ver
6*	4.9015GHz	46.13	-5.93	40.20	54.00	-13.80	AV	Ver
7*	8.7520GHz	49.54	-7.24	42.30	54.00	-11.70	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 2M 2480	
Note:	



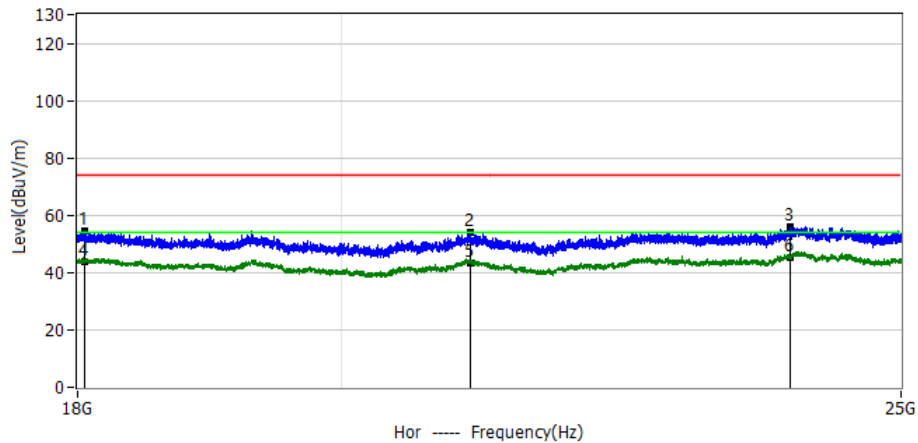
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4790GHz	70.50	-10.34	60.16	/	/	PK	Hor
2*	5.3626GHz	58.06	-7.38	50.68	74.00	-23.32	PK	Hor
3*	11.4359GHz	55.42	-5.03	50.39	74.00	-23.61	PK	Hor
4*	17.5495GHz	52.65	-4.06	48.59	74.00	-25.41	PK	Hor
5*	5.3626GHz	47.08	-7.38	39.70	54.00	-14.30	AV	Hor
6*	11.4359GHz	44.43	-5.03	39.40	54.00	-14.60	AV	Hor
7*	17.5495GHz	42.96	-4.06	38.90	54.00	-15.10	AV	Hor



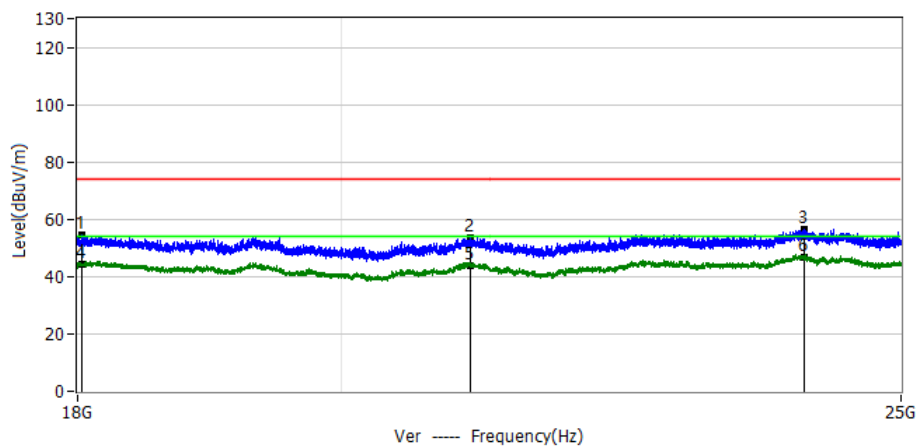
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4811GHz	71.37	-10.32	61.05	/	/	PK	Ver
2*	3.1994GHz	56.22	-8.19	48.03	74.00	-25.97	PK	Ver
3*	4.8547GHz	56.18	-5.89	50.29	74.00	-23.71	PK	Ver
4*	7.5046GHz	59.41	-7.00	52.41	74.00	-21.59	PK	Ver
5*	3.1994GHz	46.39	-8.19	38.20	54.00	-15.80	AV	Ver
6*	4.8547GHz	46.29	-5.89	40.40	54.00	-13.60	AV	Ver
7*	7.5046GHz	46.80	-7.00	39.80	54.00	-14.20	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Data: 2026-08-27
Test Mode: BLE 1M 2402	
Note:	



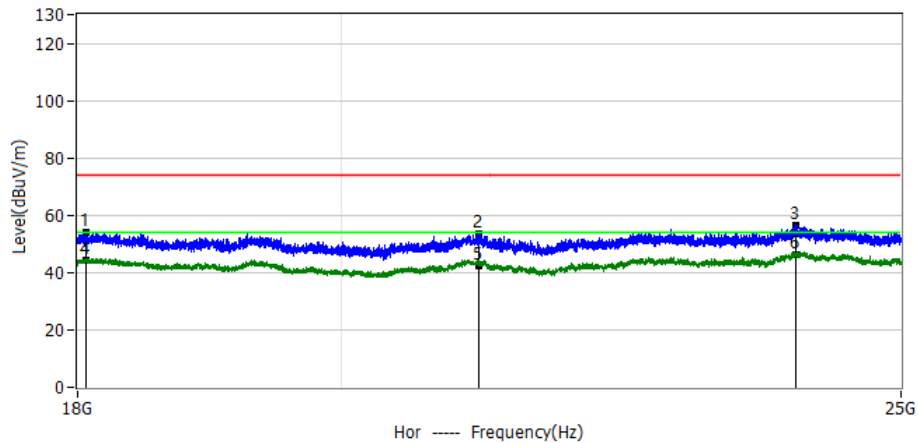
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.0455GHz	56.52	-1.87	54.65	74.00	-19.35	PK	Hor
2*	21.0511GHz	56.43	-2.29	54.14	74.00	-19.86	PK	Hor
3*	23.9132GHz	54.45	1.46	55.91	74.00	-18.09	PK	Hor
4*	18.0455GHz	45.57	-1.87	43.70	54.00	-10.30	AV	Hor
5*	21.0511GHz	45.69	-2.29	43.40	54.00	-10.60	AV	Hor
6*	23.9132GHz	43.64	1.46	45.10	54.00	-8.90	AV	Hor



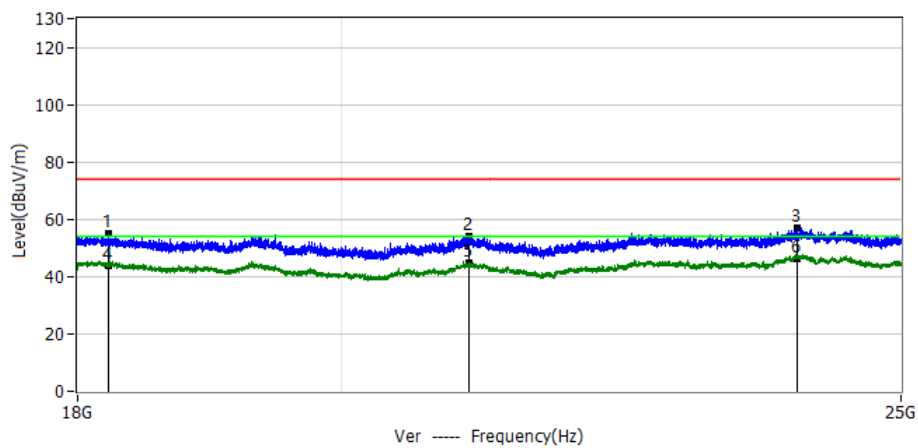
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.0341GHz	56.47	-1.87	54.60	74.00	-19.40	PK	Ver
2*	21.0590GHz	55.62	-2.28	53.34	74.00	-20.66	PK	Ver
3*	24.0576GHz	55.14	1.47	56.61	74.00	-17.39	PK	Ver
4*	18.0341GHz	46.17	-1.87	44.30	54.00	-9.70	AV	Ver
5*	21.0590GHz	46.08	-2.28	43.80	54.00	-10.20	AV	Ver
6*	24.0576GHz	45.43	1.47	46.90	54.00	-7.10	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Data: 2026-08-27
Test Mode: BLE 1M 2440	
Note:	



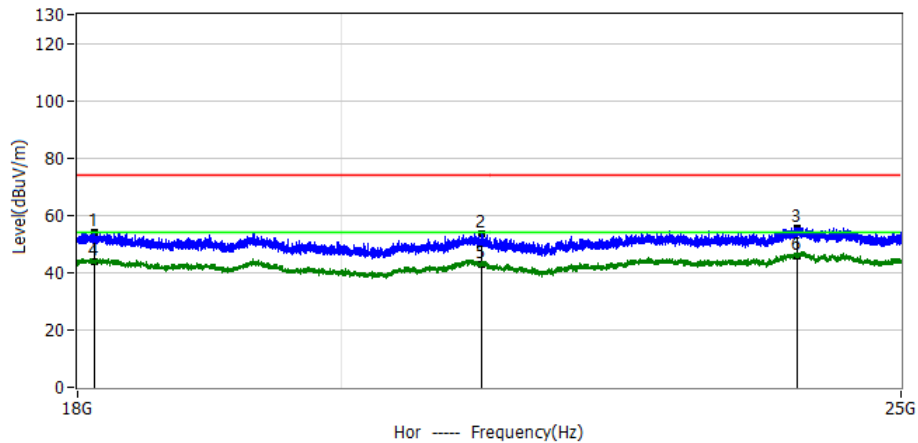
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.0586GHz	55.79	-1.87	53.92	74.00	-20.08	PK	Hor
2*	21.1220GHz	55.89	-2.25	53.64	74.00	-20.36	PK	Hor
3*	23.9771GHz	54.98	1.52	56.50	74.00	-17.50	PK	Hor
4*	18.0586GHz	46.07	-1.87	44.20	54.00	-9.80	AV	Hor
5*	21.1220GHz	44.75	-2.25	42.50	54.00	-11.50	AV	Hor
6*	23.9771GHz	44.88	1.52	46.40	54.00	-7.60	AV	Hor



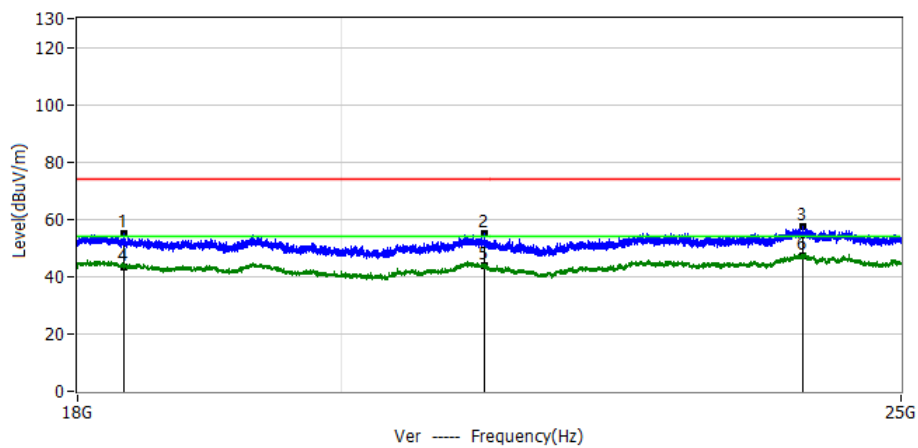
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.2249GHz	56.99	-1.87	55.12	74.00	-18.88	PK	Ver
2*	21.0380GHz	56.25	-2.29	53.96	74.00	-20.04	PK	Ver
3*	23.9876GHz	55.56	1.53	57.09	74.00	-16.91	PK	Ver
4*	18.2249GHz	45.87	-1.87	44.00	54.00	-10.00	AV	Ver
5*	21.0380GHz	46.99	-2.29	44.70	54.00	-9.30	AV	Ver
6*	23.9876GHz	44.77	1.53	46.30	54.00	-7.70	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Data: 2026-08-27
Test Mode: BLE 1M 2480	
Note:	



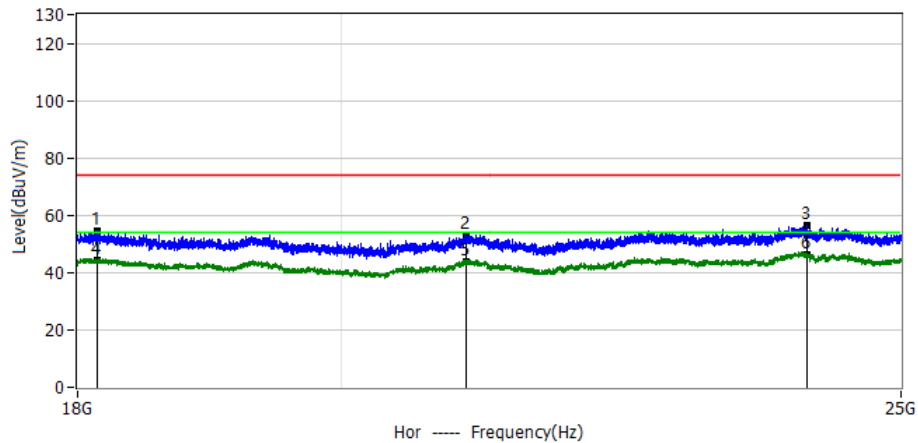
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.1181GHz	56.01	-1.87	54.14	74.00	-19.86	PK	Hor
2*	21.1509GHz	55.65	-2.24	53.41	74.00	-20.59	PK	Hor
3*	23.9815GHz	54.12	1.53	55.65	74.00	-18.35	PK	Hor
4*	18.1181GHz	45.47	-1.87	43.60	54.00	-10.40	AV	Hor
5*	21.1509GHz	45.14	-2.24	42.90	54.00	-11.10	AV	Hor
6*	23.9815GHz	44.47	1.53	46.00	54.00	-8.00	AV	Hor



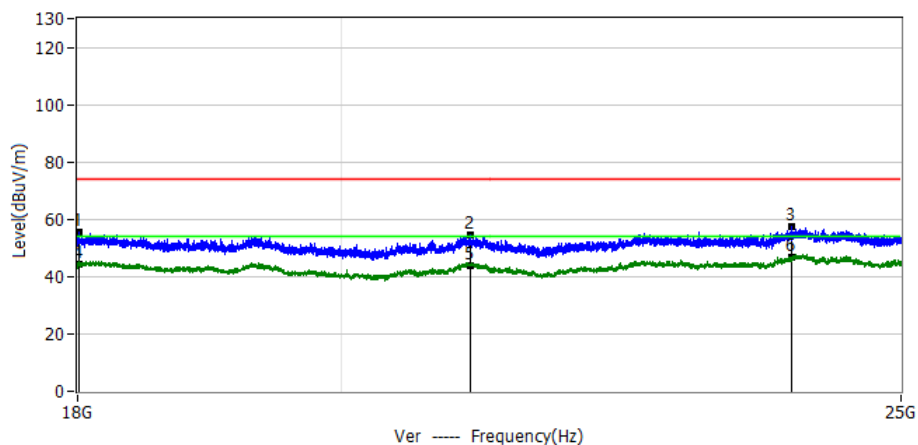
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.3360GHz	56.84	-1.86	54.98	74.00	-19.02	PK	Ver
2*	21.1754GHz	57.02	-2.22	54.80	74.00	-19.20	PK	Ver
3*	24.0445GHz	55.81	1.49	57.30	74.00	-16.70	PK	Ver
4*	18.3360GHz	45.36	-1.86	43.50	54.00	-10.50	AV	Ver
5*	21.1754GHz	46.22	-2.22	44.00	54.00	-10.00	AV	Ver
6*	24.0445GHz	45.81	1.49	47.30	54.00	-6.70	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Data: 2026-08-27
Test Mode: BLE 2M 2402	
Note:	



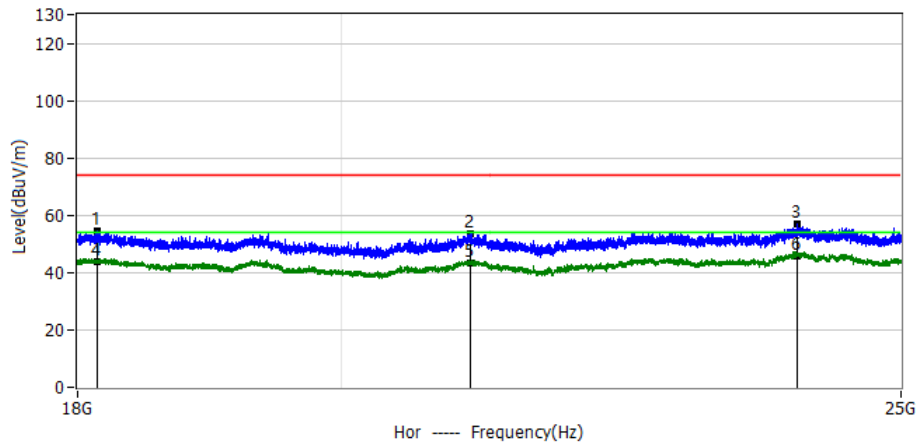
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.1452GHz	56.25	-1.87	54.38	74.00	-19.62	PK	Hor
2*	21.0196GHz	55.47	-2.30	53.17	74.00	-20.83	PK	Hor
3*	24.0751GHz	55.25	1.45	56.70	74.00	-17.30	PK	Hor
4*	18.1452GHz	46.27	-1.87	44.40	54.00	-9.60	AV	Hor
5*	21.0196GHz	46.30	-2.30	44.00	54.00	-10.00	AV	Hor
6*	24.0751GHz	44.85	1.45	46.30	54.00	-7.70	AV	Hor



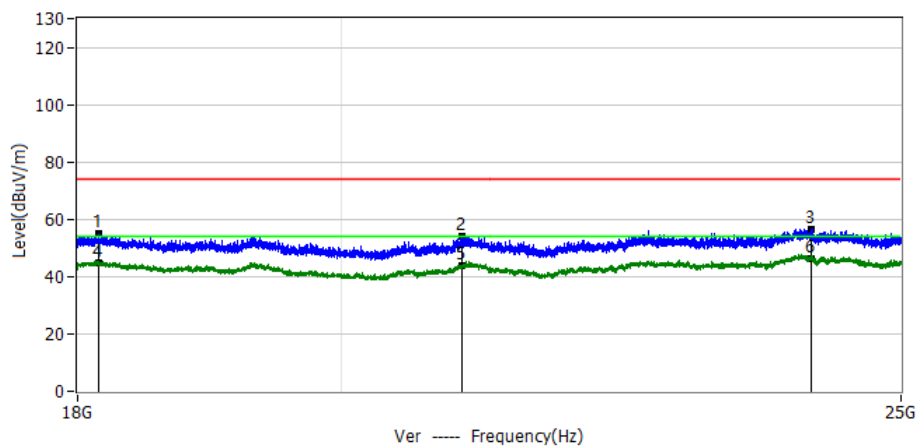
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.0105GHz	57.18	-1.87	55.31	74.00	-18.69	PK	Ver
2*	21.0564GHz	56.70	-2.28	54.42	74.00	-19.58	PK	Ver
3*	23.9386GHz	56.07	1.48	57.55	74.00	-16.45	PK	Ver
4*	18.0105GHz	46.07	-1.87	44.20	54.00	-9.80	AV	Ver
5*	21.0564GHz	46.28	-2.28	44.00	54.00	-10.00	AV	Ver
6*	23.9386GHz	45.02	1.48	46.50	54.00	-7.50	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Data: 2026-08-27
Test Mode: BLE 2M 2440	
Note:	



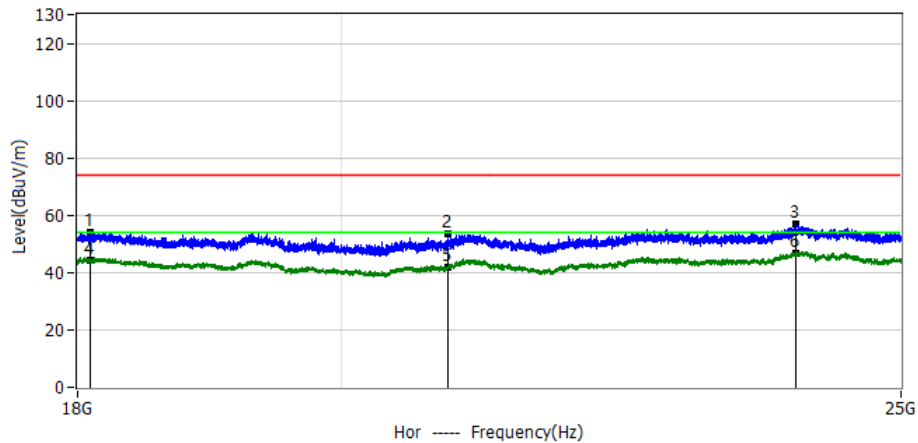
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.1435GHz	56.24	-1.87	54.37	74.00	-19.63	PK	Hor
2*	21.0494GHz	55.93	-2.29	53.64	74.00	-20.36	PK	Hor
3*	23.9850GHz	55.37	1.53	56.90	74.00	-17.10	PK	Hor
4*	18.1435GHz	45.87	-1.87	44.00	54.00	-10.00	AV	Hor
5*	21.0494GHz	45.79	-2.29	43.50	54.00	-10.50	AV	Hor
6*	23.9850GHz	44.07	1.53	45.60	54.00	-8.40	AV	Hor



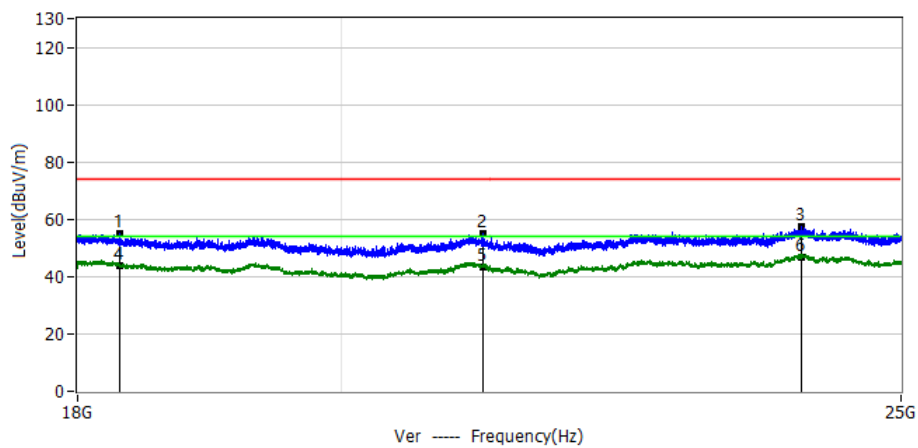
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.1487GHz	56.79	-1.87	54.92	74.00	-19.08	PK	Ver
2*	20.9864GHz	56.56	-2.32	54.24	74.00	-19.76	PK	Ver
3*	24.1215GHz	55.19	1.39	56.58	74.00	-17.42	PK	Ver
4*	18.1487GHz	46.67	-1.87	44.80	54.00	-9.20	AV	Ver
5*	20.9864GHz	46.32	-2.32	44.00	54.00	-10.00	AV	Ver
6*	24.1215GHz	44.81	1.39	46.20	54.00	-7.80	AV	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Data: 2026-08-27
Test Mode: BLE 2M 2480	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.0884GHz	55.92	-1.87	54.05	74.00	-19.95	PK	Hor
2*	20.8674GHz	55.79	-2.38	53.41	74.00	-20.59	PK	Hor
3*	23.9745GHz	55.31	1.52	56.83	74.00	-17.17	PK	Hor
4*	18.0884GHz	46.27	-1.87	44.40	54.00	-9.60	AV	Hor
5*	20.8674GHz	44.18	-2.38	41.80	54.00	-12.20	AV	Hor
6*	23.9745GHz	44.98	1.52	46.50	54.00	-7.50	AV	Hor

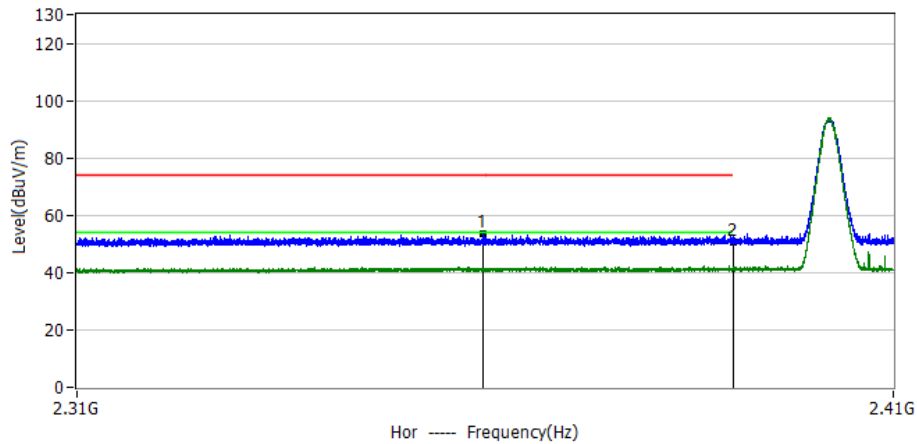


No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	18.3027GHz	57.06	-1.86	55.20	74.00	-18.80	PK	Ver
2*	21.1544GHz	57.41	-2.23	55.18	74.00	-18.82	PK	Ver
3*	24.0235GHz	55.72	1.51	57.23	74.00	-16.77	PK	Ver
4*	18.3027GHz	45.86	-1.86	44.00	54.00	-10.00	AV	Ver
5*	21.1544GHz	45.63	-2.23	43.40	54.00	-10.60	AV	Ver
6*	24.0235GHz	44.99	1.51	46.50	54.00	-7.50	AV	Ver

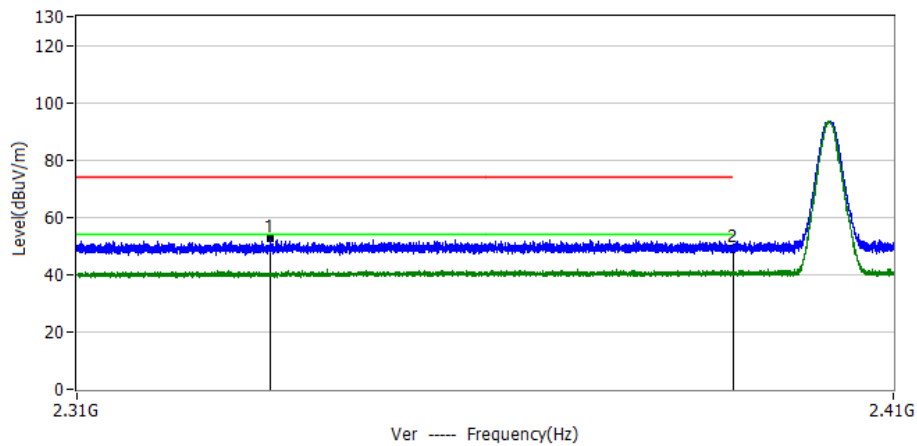


4.6 TEST RESULTS (BAND EDGE REQUIREMENTS)

Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 1M 2402	
Note:	



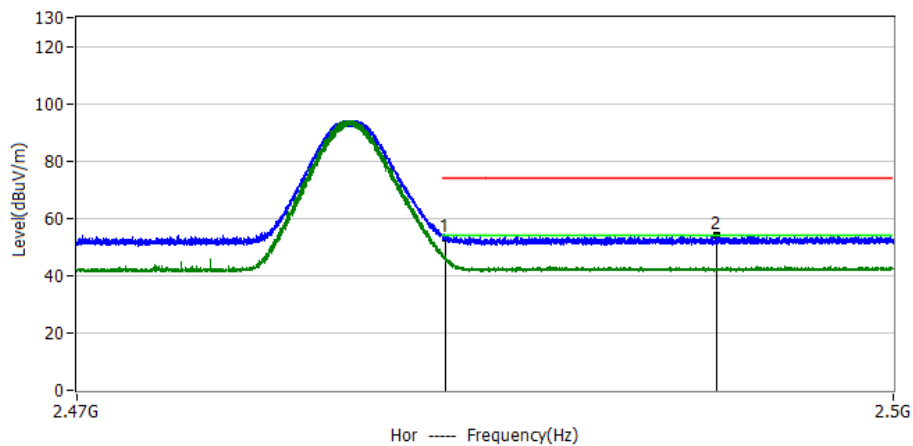
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2359.2000	18.13	35.46	53.59	74.00	-20.41	PK	Hor
2*	2390.0000	14.77	35.63	50.40	74.00	-23.60	PK	Hor



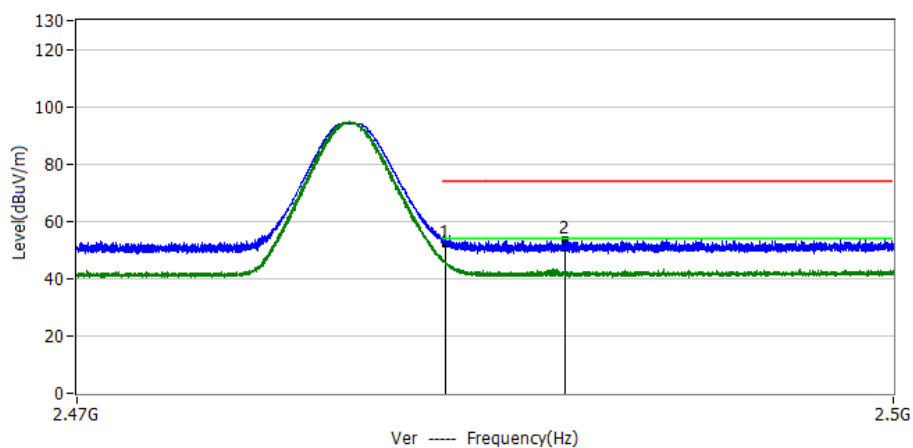
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2333.3000	17.53	35.28	52.81	74.00	-21.19	PK	Ver
2*	2390.0000	13.57	35.63	49.20	74.00	-24.80	PK	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 1M 2480	
Note:	



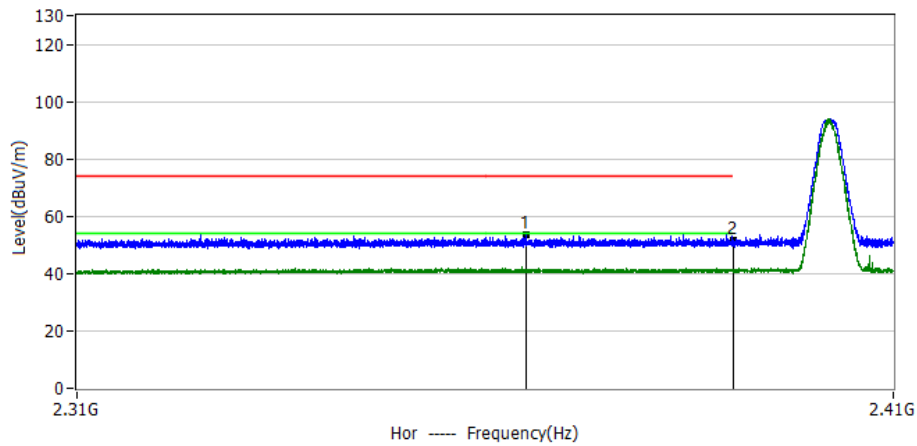
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.5000	16.84	36.36	53.20	74.00	-20.80	PK	Hor
2*	2493.5000	17.33	36.48	53.81	74.00	-20.19	PK	Hor



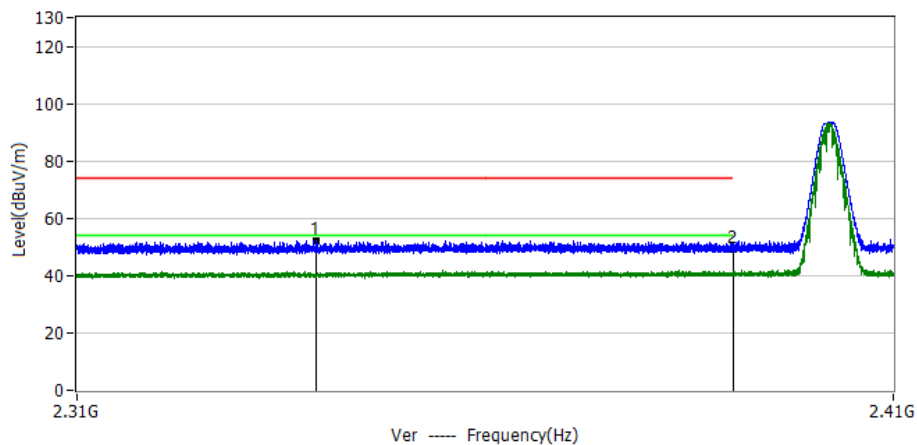
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.5000	15.84	36.36	52.20	74.00	-21.80	PK	Ver
2*	2487.9000	17.31	36.41	53.72	74.00	-20.28	PK	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 2M 2402	
Note:	



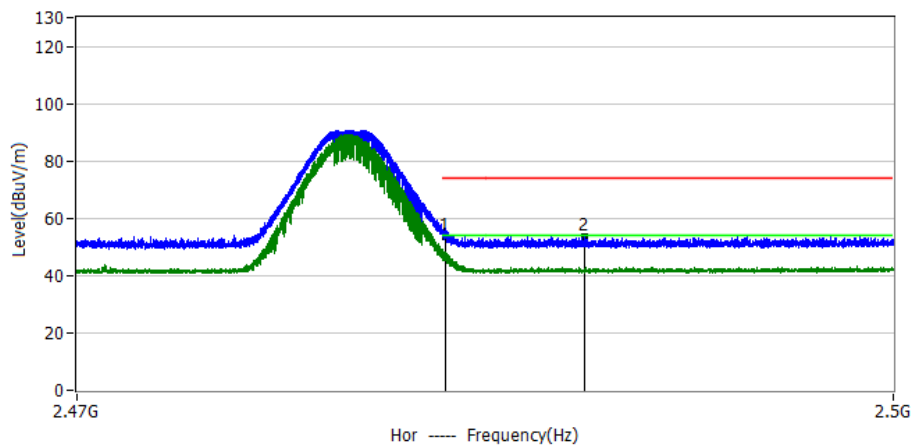
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2364.5000	18.27	35.49	53.76	74.00	-20.24	PK	Hor
2*	2390.0000	15.77	35.63	51.40	74.00	-22.60	PK	Hor



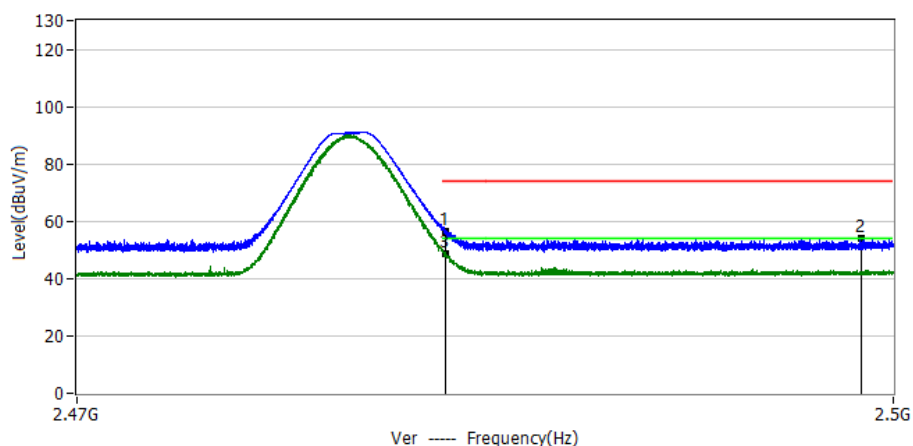
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2338.9000	16.89	35.32	52.21	74.00	-21.79	PK	Ver
2*	2390.0000	13.67	35.63	49.30	74.00	-24.70	PK	Ver



Project: LGT26H220	Test Engineer: zhangchengxiang
EUT: Smart Watch	Temperature: 26.2°C
M/N: S70	Humidity: 65%RH
Test Voltage: Battery	Test Date: 2026-08-27
Test Mode: BLE 2M 2480	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.5000	17.24	36.36	53.60	74.00	-20.40	PK	Hor
2*	2488.6000	17.19	36.42	53.61	74.00	-20.39	PK	Hor



No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.5000	20.34	36.36	56.70	74.00	-17.30	PK	Ver
2*	2498.8000	17.38	36.54	53.92	74.00	-20.08	PK	Ver
3*	2483.5000	12.14	36.36	48.50	54.00	-5.50	AV	Ver



5. CONDUCTED SPURIOUS & BAND EDGE EMISSION

5.1 LIMIT

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

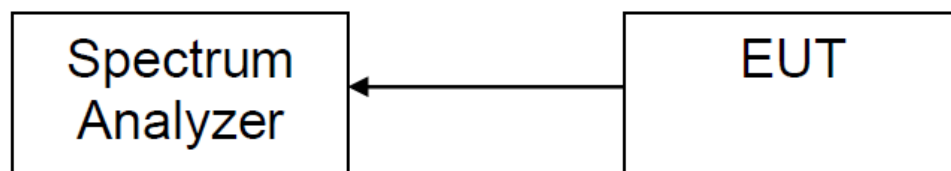
5.2 TEST PROCEDURE

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	30 MHz to 10th carrier harmonic
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

For Band edge

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2300 – 2407 MHz Upper Band Edge: 2475 – 2500 MHz
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

5.3 TEST SETUP



The EUT is connected to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. Make the measurement with the spectrum analyzer's resolution bandwidth(RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

5.4 EUT OPERATION CONDITIONS

Please refer to section 3.4 of this report.

5.5 TEST RESULTS

For the measurement records, refer to the appendix I.

Note: Not recorded emission from 9 KHz to 30 MHz as emission level at least 20dBc lower than emission limit.



6. POWER SPECTRAL DENSITY TEST

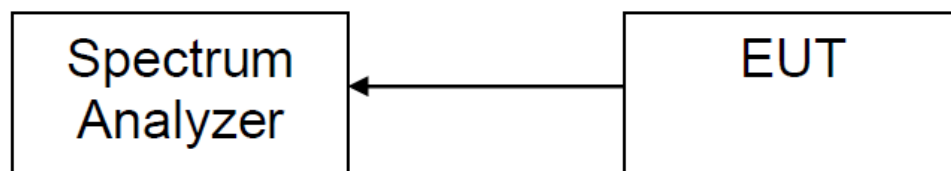
6.1 LIMIT

FCC Part 15.247, Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e)	Power Spectral Density	$\leq 8 \text{ dBm}$ ($\text{RBW} \geq 3 \text{ KHz}$)	2400-2483.5	PASS

6.2 TEST PROCEDURE

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the DTS channel bandwidth.
3. Set the RBW to: $100 \text{ kHz} \geq \text{RBW} \geq 3 \text{ kHz}$.
4. Set the VBW $\geq 3 \times \text{RBW}$.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

6.3 TEST SETUP



6.4 EUT OPERATION CONDITIONS

Please refer to section 3.4 of this report.

6.5 TEST RESULTS

For the measurement records, refer to the appendix I.



7. BANDWIDTH TEST

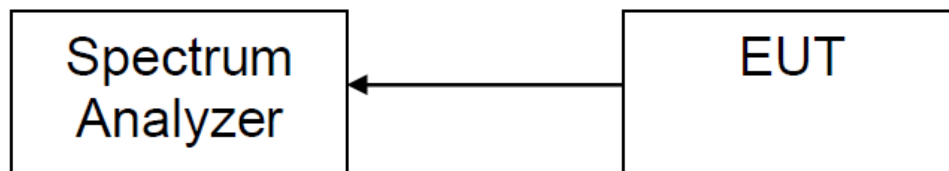
7.1 LIMIT

FCC Part 15.247, Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	$\geq 500\text{KHz}$ (6dB bandwidth)	2400-2483.5	PASS

7.2 TEST PROCEDURE

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described above (i.e., RBW = 100 kHz, VBW $\geq$ 3RBW, peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be ≥ 6 dB.

7.3 TEST SETUP



7.4 EUT OPERATION CONDITIONS

Please refer to section 3.4 of this report.

7.5 TEST RESULTS

For the measurement records, refer to the appendix I.



8. PEAK OUTPUT POWER TEST

8.1 LIMIT

FCC Part 15.247, Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Output Power	1 watt or 30dBm	2400-2483.5	PASS

8.2 TEST PROCEDURE

One of the following procedures may be used to determine the maximum peak conducted output power of a DTS EUT.

RBW $\geq$ DTS bandwidth

The following procedure shall be used when an instrument with a resolution bandwidth that is greater than the DTS bandwidth is available to perform the measurement:

- Set the RBW $\geq$ DTS bandwidth.
- Set VBW $\geq [3 \times \text{RBW}]$.
- Set span $\geq [3 \times \text{RBW}]$.
- Sweep time = auto couple.
- Detector = peak.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use peak marker function to determine the peak amplitude level.

Integrated band power method:

The following procedure can be used when the maximum available RBW of the instrument is less than the

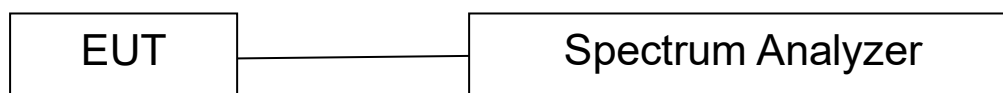
DTS bandwidth:

- Set the RBW = 1 MHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Set the span $\geq [1.5 \times \text{DTS bandwidth}]$.
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select the peak detector). If the instrument does not have a band power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the DTS channel bandwidth.

PKPM1 Peak power sensor method:

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

8.3 TEST SETUP



8.4 EUT OPERATION CONDITIONS

Please refer to section 3.4 of this report.

8.5 TEST RESULTS

For the measurement records, refer to the appendix I.



9. ANTENNA REQUIREMENT

9.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

9.2 EUT ANTENNA

The EUT antenna is Monopole Antenna. It comply with the standard requirement.



APPENDIX I - TEST RESULTS

1. Duty Cycle 1.1 Test Result 1.1.1 Ant1

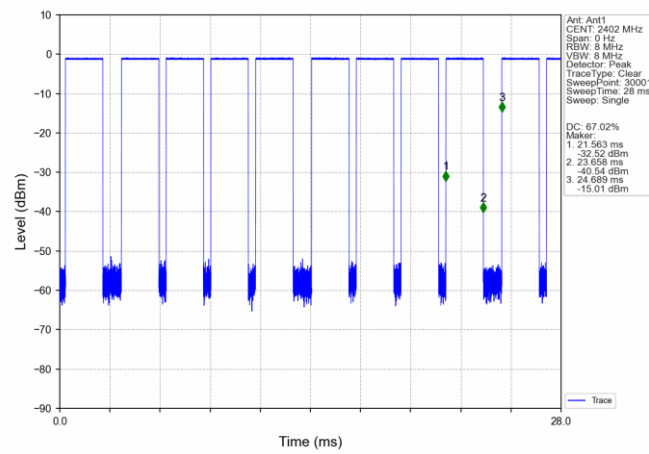
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	2.095	3.126	67.02	1.74	16.77
		2440	2.094	3.125	67.01	1.74	16.78
		2480	2.095	3.125	67.04	1.74	16.78
2M	SISO	2402	1.072	1.876	57.14	2.43	0.02
		2440	1.071	1.874	57.15	2.43	0.03
		2480	1.072	1.875	57.17	2.43	0.03



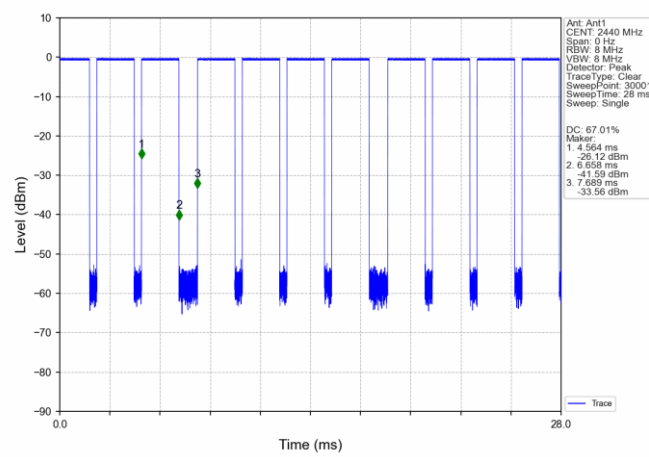
1.2 Test Graph

1.2.1 Ant1

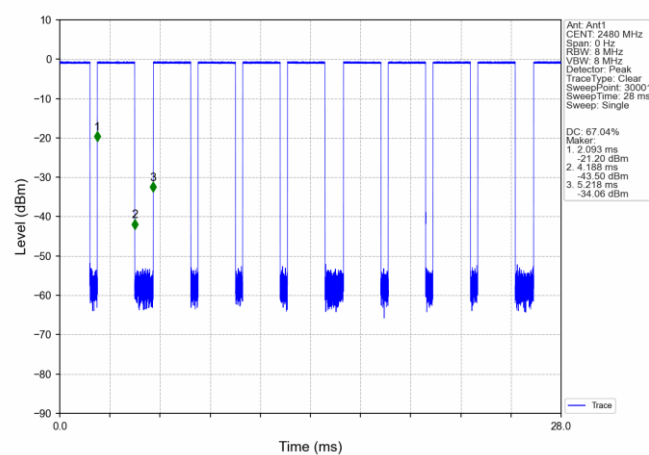
1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV

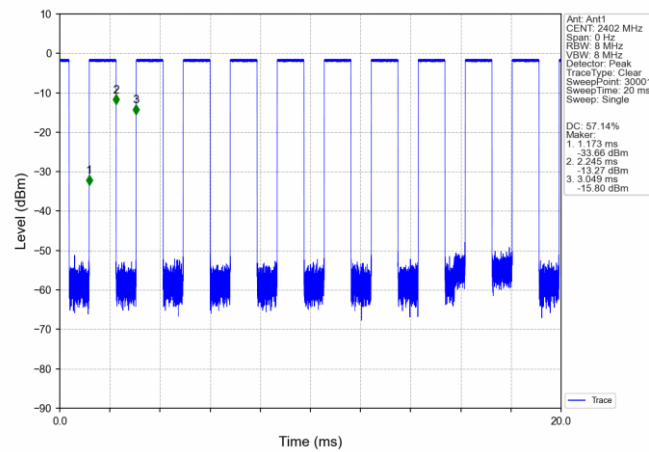


1M_HCH_2480MHz_Ant1_NTNV

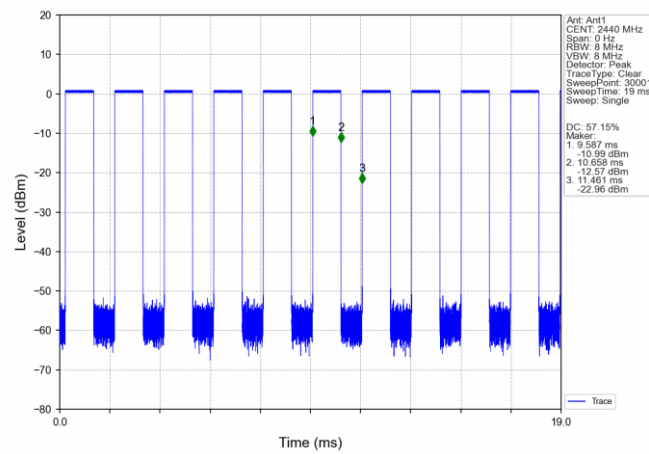




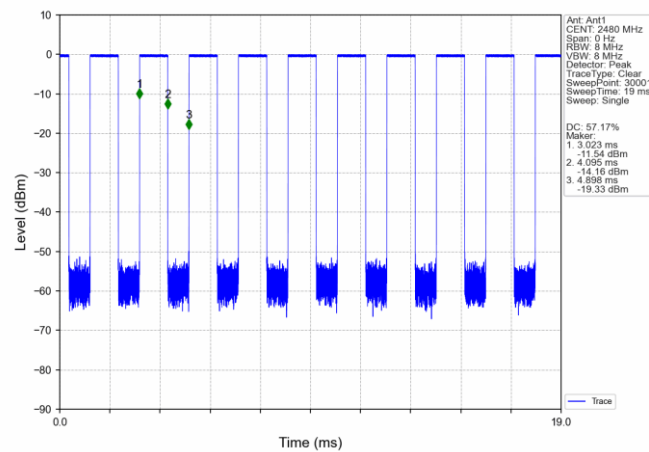
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV





2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.017	/	Pass
		2440	1	1.018	/	Pass
		2480	1	1.018	/	Pass
2M	SISO	2402	1	2.060	/	Pass
		2440	1	2.065	/	Pass
		2480	1	2.067	/	Pass

2.1.2 6dB BW

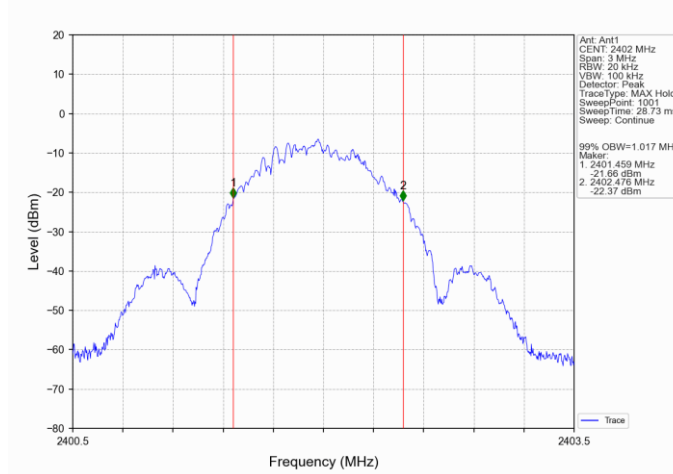
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.649	≥ 0.5	Pass
		2440	1	0.652	≥ 0.5	Pass
		2480	1	0.649	≥ 0.5	Pass
2M	SISO	2402	1	1.168	≥ 0.5	Pass
		2440	1	1.175	≥ 0.5	Pass
		2480	1	1.173	≥ 0.5	Pass



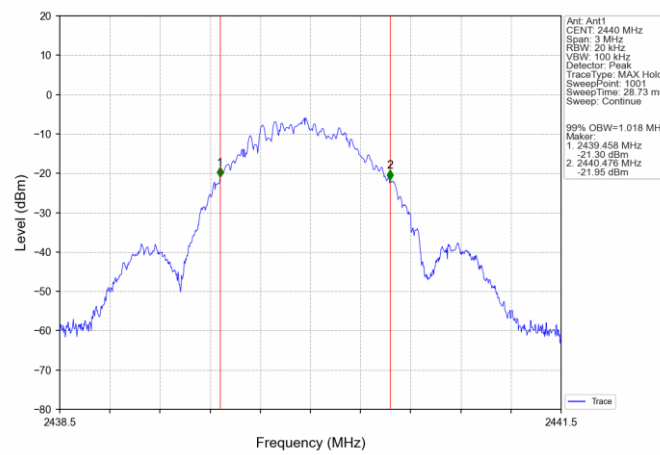
2.2 Test Graph

2.2.1 OBW

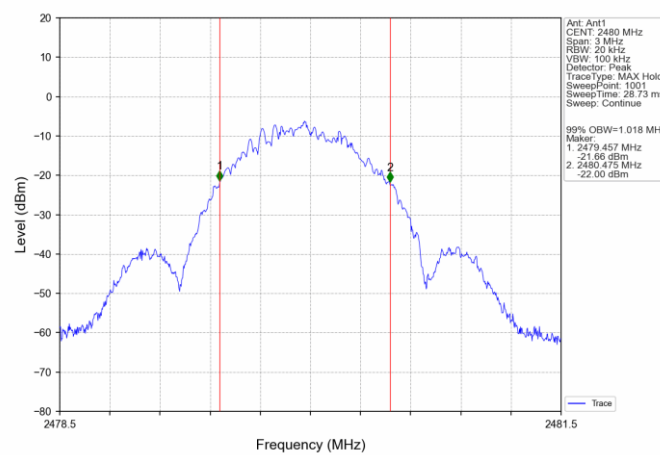
1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV

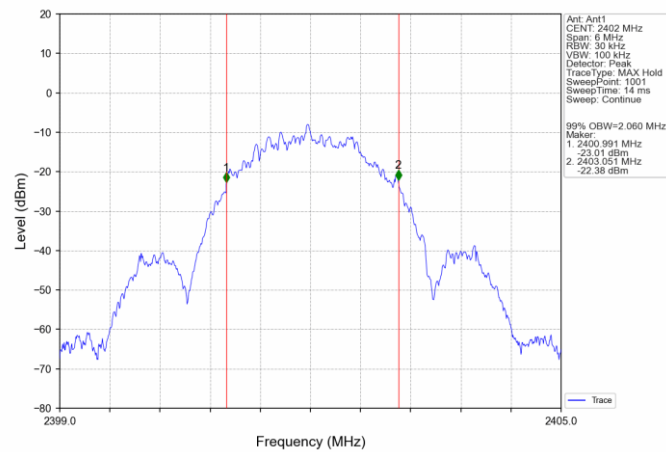


1M_HCH_2480MHz_Ant1_NTNV

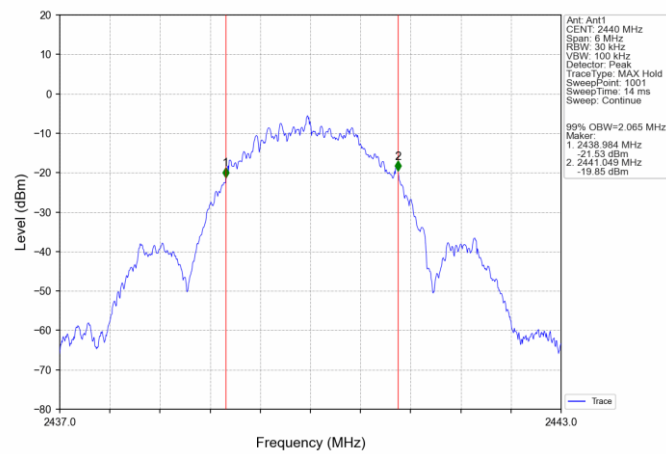




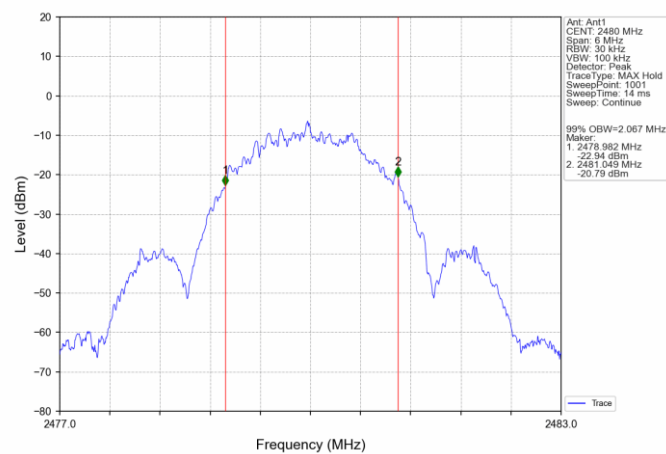
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



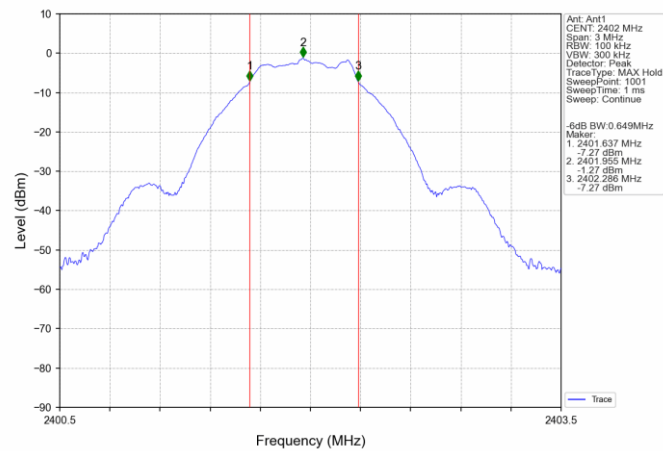
2M_HCH_2480MHz_Ant1_NTNV



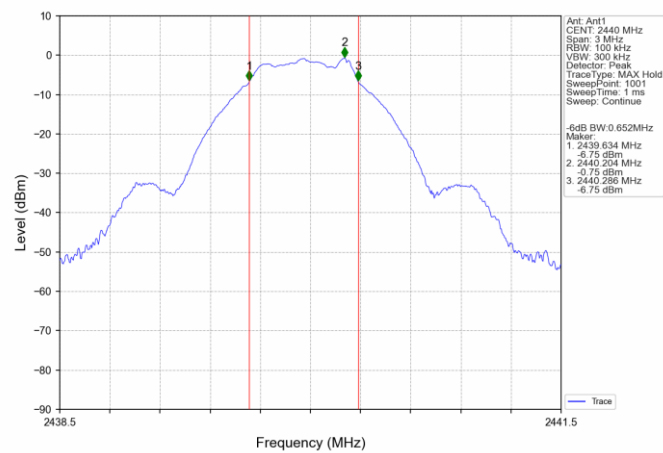


2.2.2 6dB BW

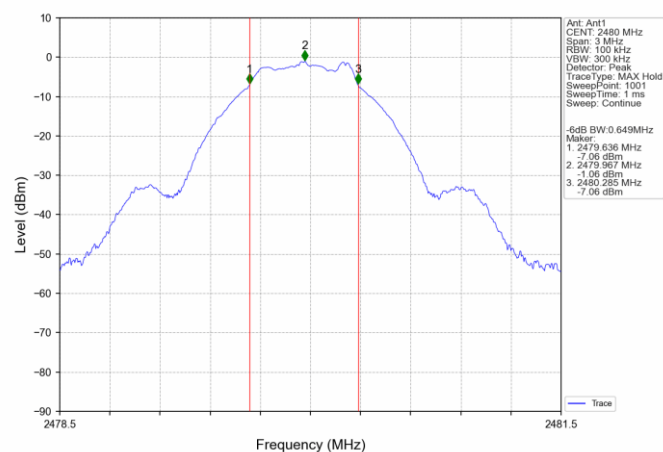
1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV

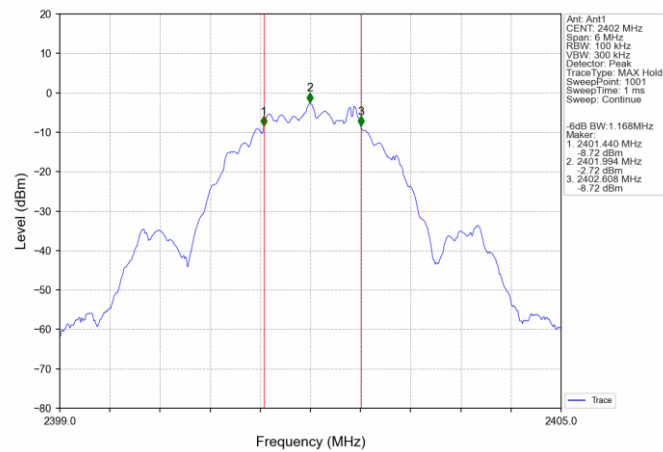


1M_HCH_2480MHz_Ant1_NTNV

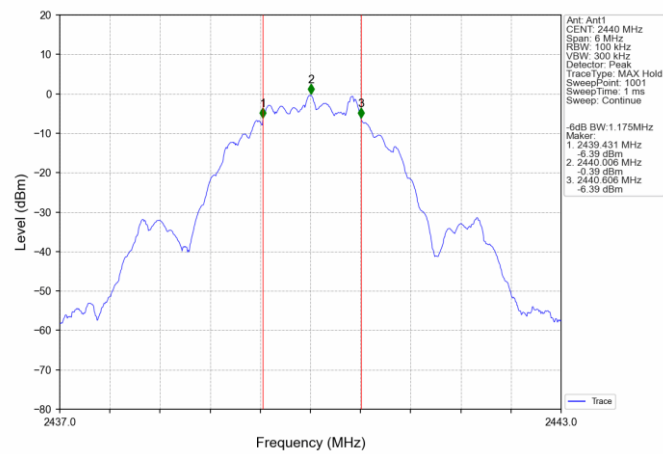




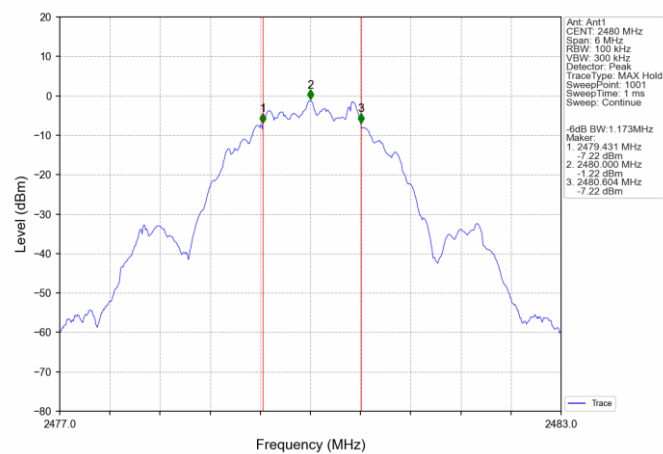
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV





3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

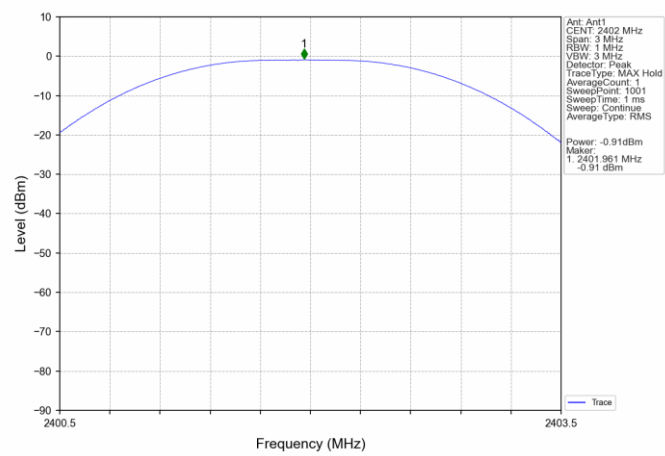
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-0.91	<=30	Pass
		2440	-0.26	<=30	Pass
		2480	-0.65	<=30	Pass
2M	SISO	2402	-1.55	<=30	Pass
		2440	0.72	<=30	Pass
		2480	-0.09	<=30	Pass
Note1: Antenna Gain: Ant1: -3.78dB;					



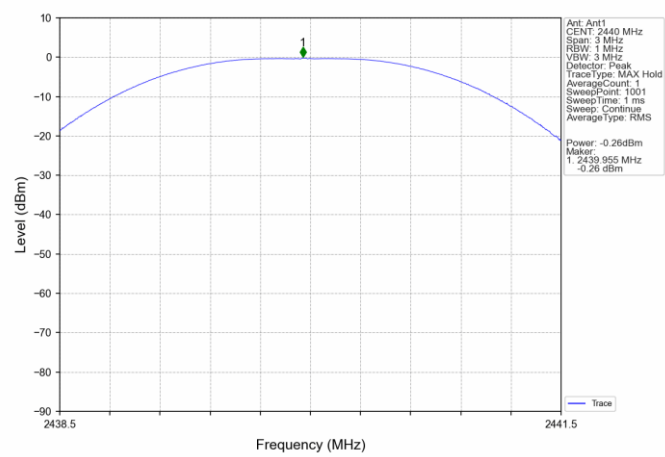
3.2 Test Graph

3.2.1 Power

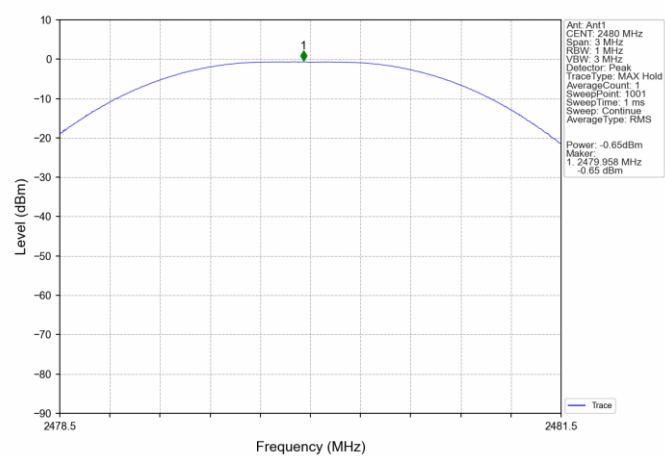
1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV

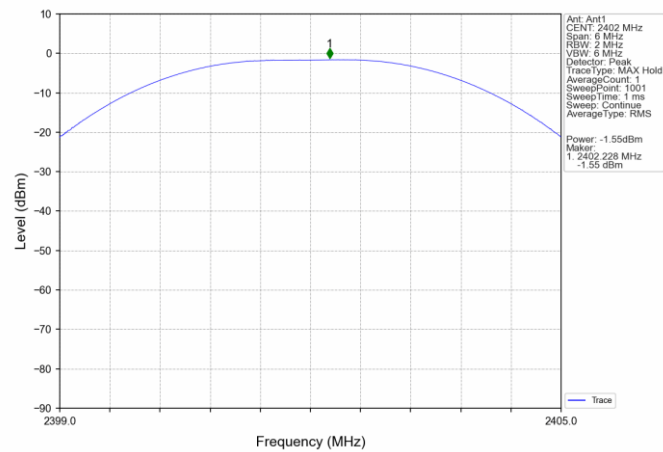


1M_HCH_2480MHz_Ant1_NTNV

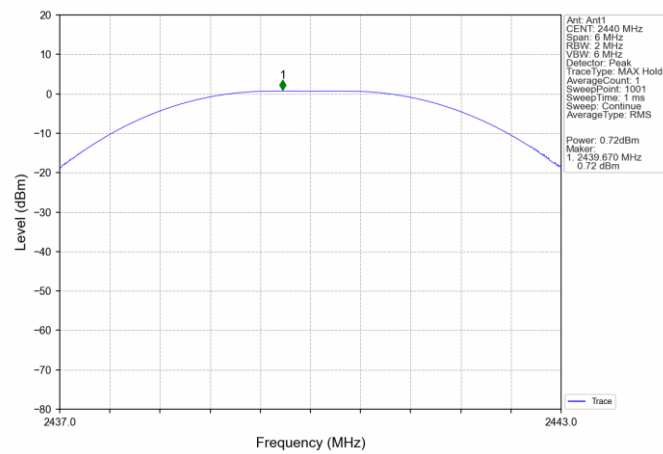




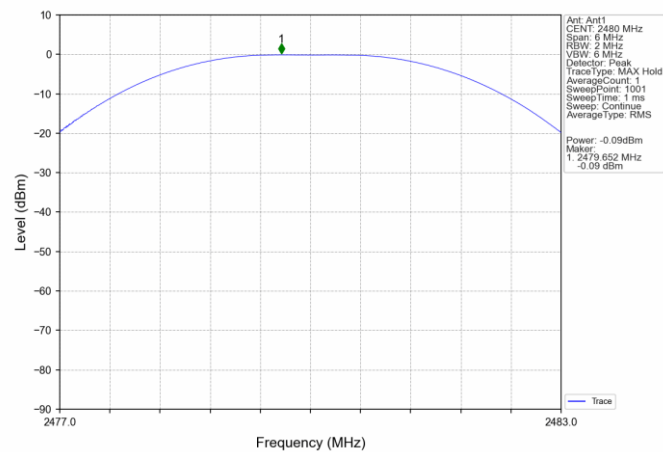
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV





4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

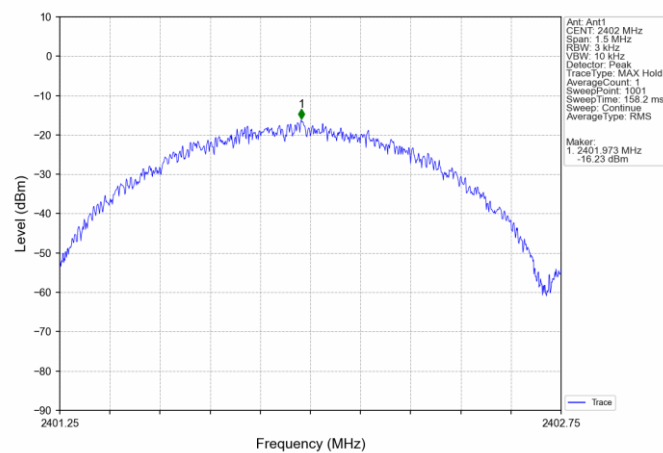
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
1M	SISO	2402	-16.23dBm/3kHz	<=8	Pass
		2440	-15.95dBm/3kHz	<=8	Pass
		2480	-15.92dBm/3kHz	<=8	Pass
2M	SISO	2402	-20.39dBm/3kHz	<=8	Pass
		2440	-19.03dBm/3kHz	<=8	Pass
		2480	-19.22dBm/3kHz	<=8	Pass
Note1: Antenna Gain: Ant1: -3.78dBi;					



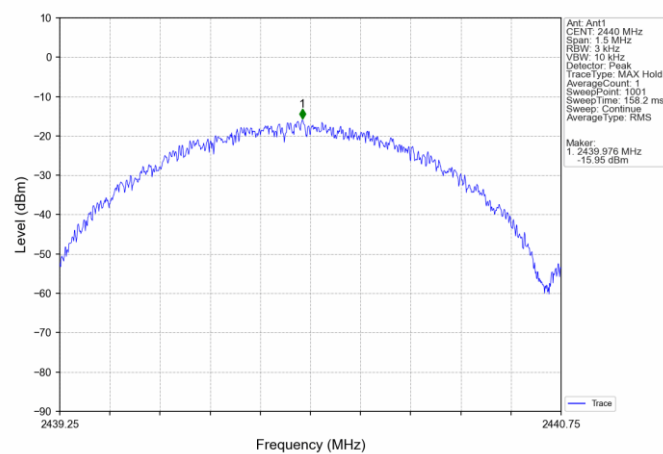
4.2 Test Graph

4.2.1 PSD

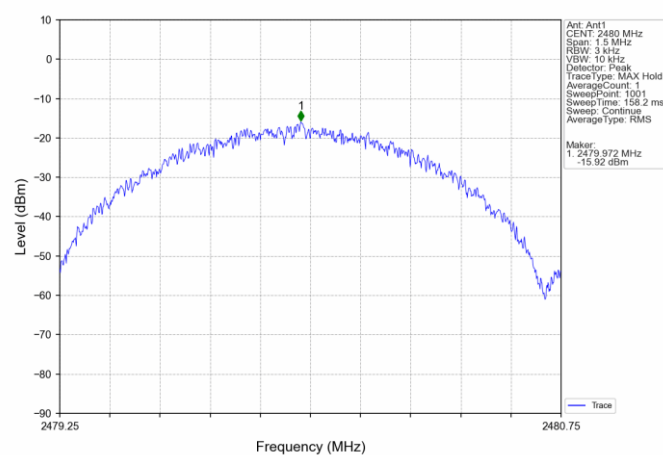
1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV

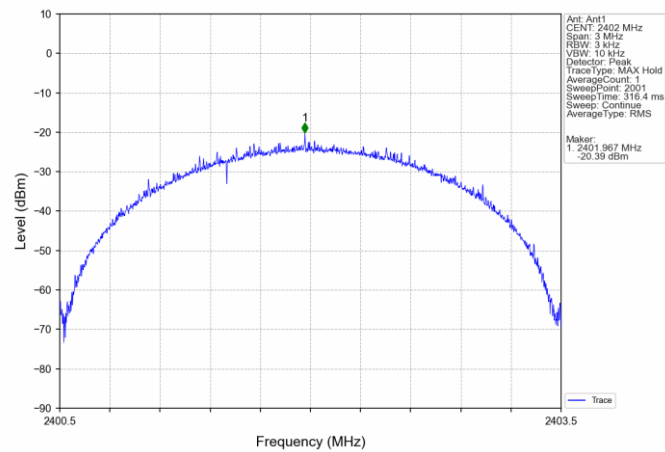


1M_HCH_2480MHz_Ant1_NTNV

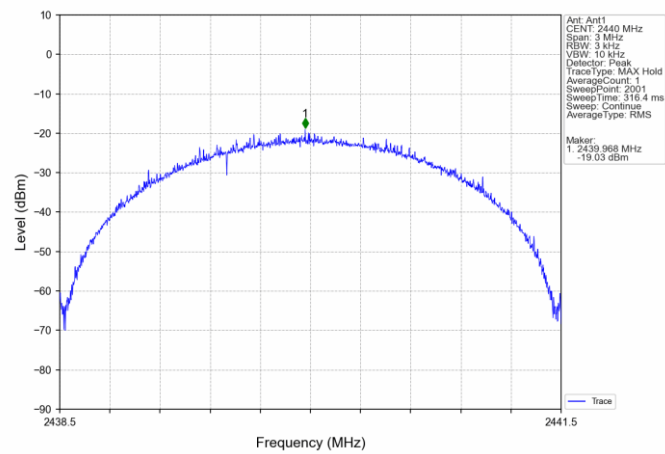




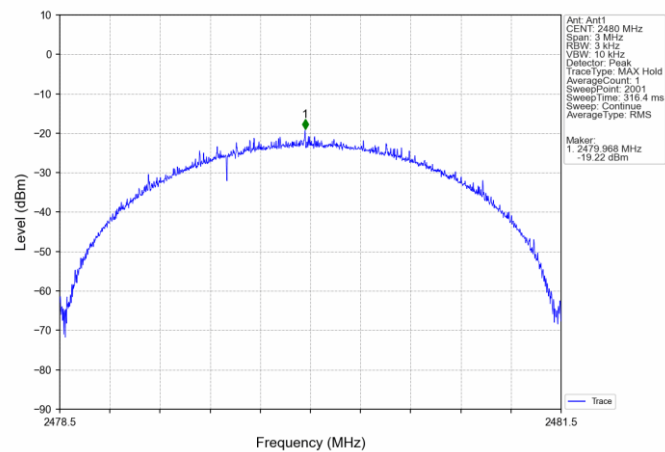
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV





5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-1.27
		2440	1	-0.74
		2480	1	-1.06
2M	SISO	2402	1	-2.82
		2440	1	-0.35
		2480	1	-1.24

5.1.2 CSE

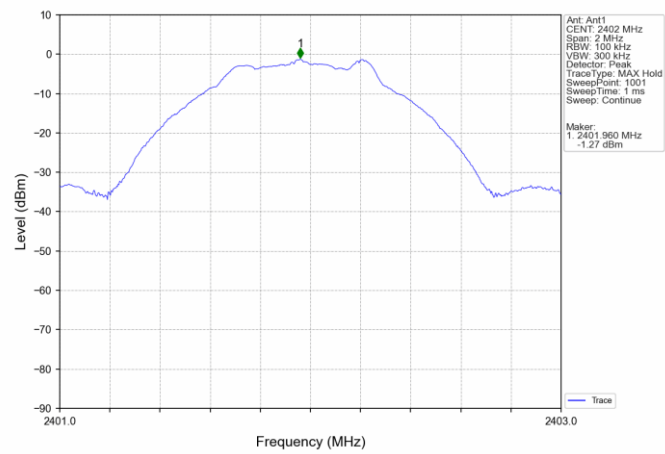
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-1.27	-21.27	Pass
		2440	1	-0.74	-20.74	Pass
		2480	1	-1.06	-21.06	Pass
2M	SISO	2402	1	-2.82	-22.82	Pass
		2440	1	-0.35	-20.35	Pass
		2480	1	-1.24	-21.24	Pass



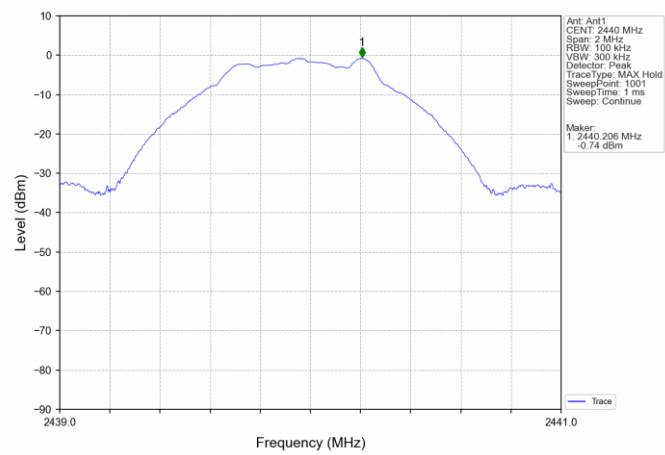
5.2 Test Graph

5.2.1 Ref

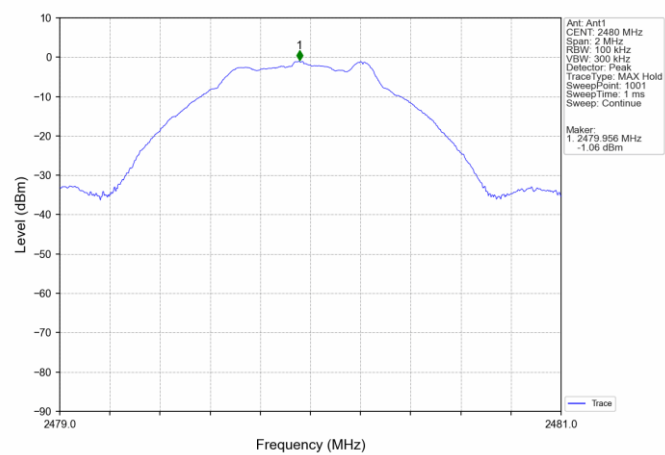
1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV

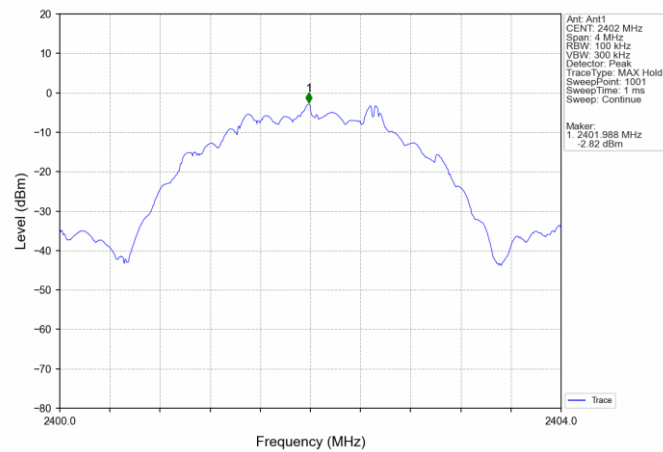


1M_HCH_2480MHz_Ant1_NTNV

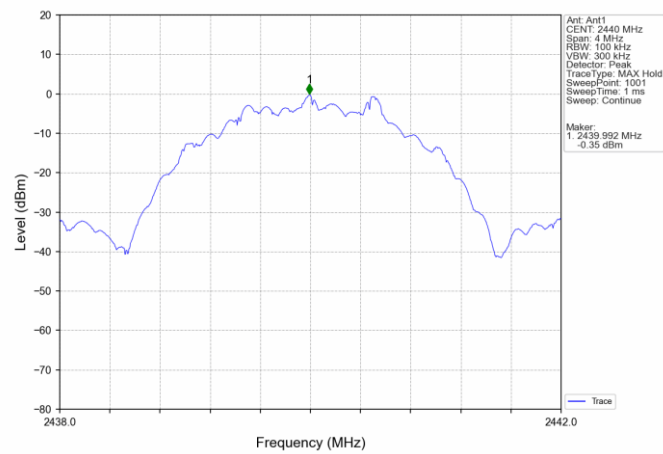




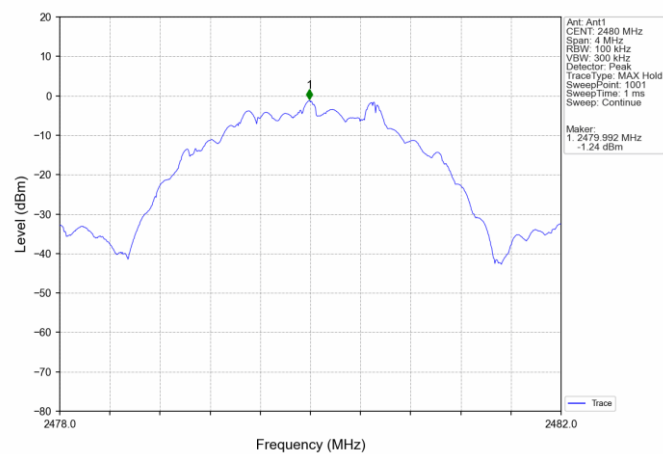
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



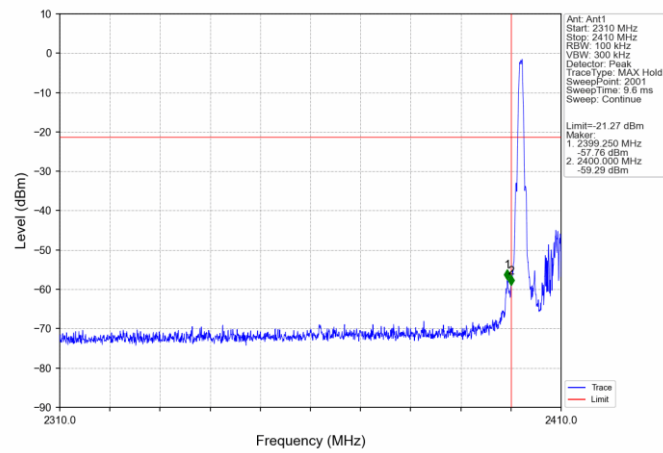
2M_HCH_2480MHz_Ant1_NTNV



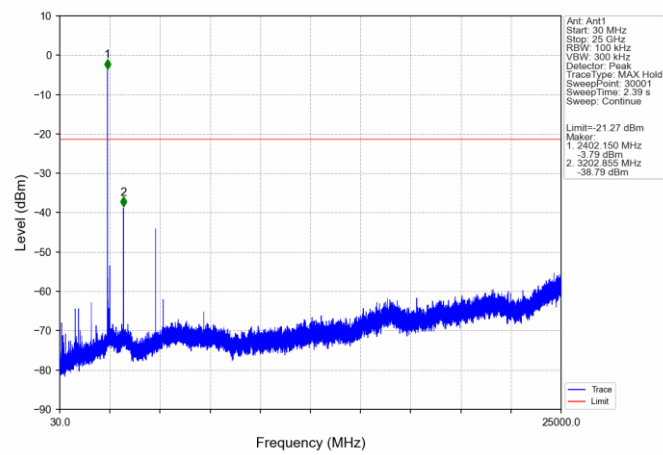


5.2.2 CSE

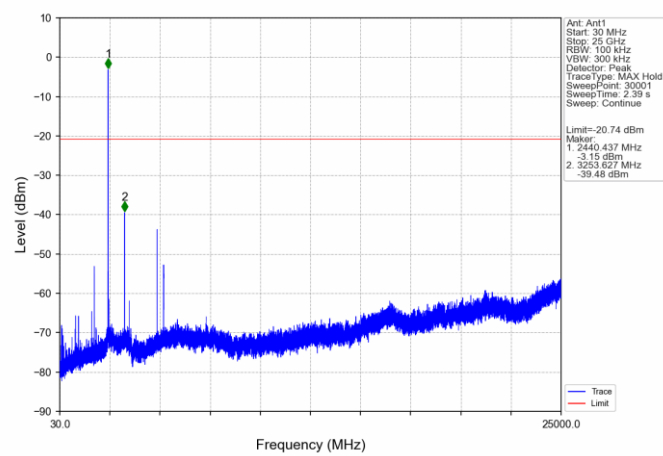
1M_LCH_2402MHz_Ant1_NTNV



1M_LCH_2402MHz_Ant1_NTNV

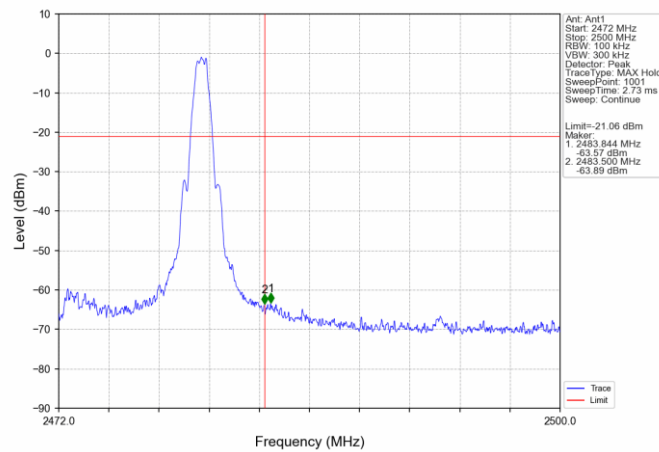


1M_MCH_2440MHz_Ant1_NTNV

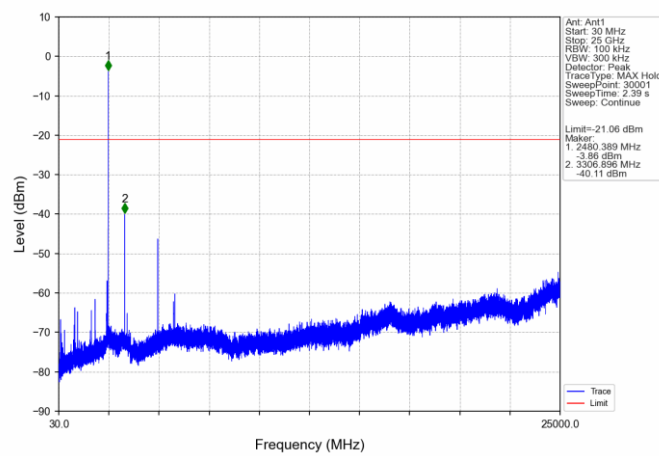




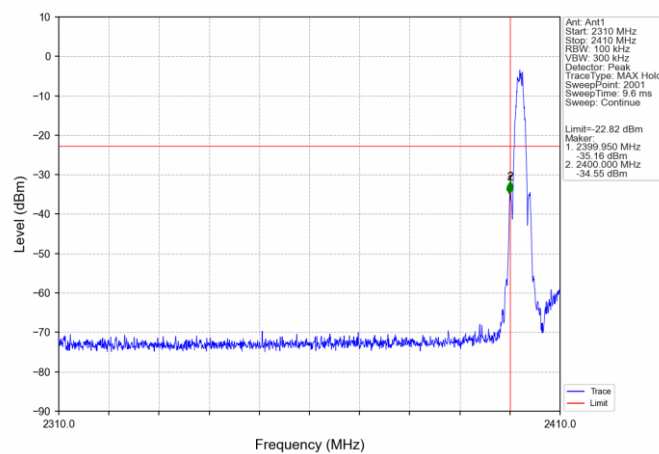
1M_HCH_2480MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV

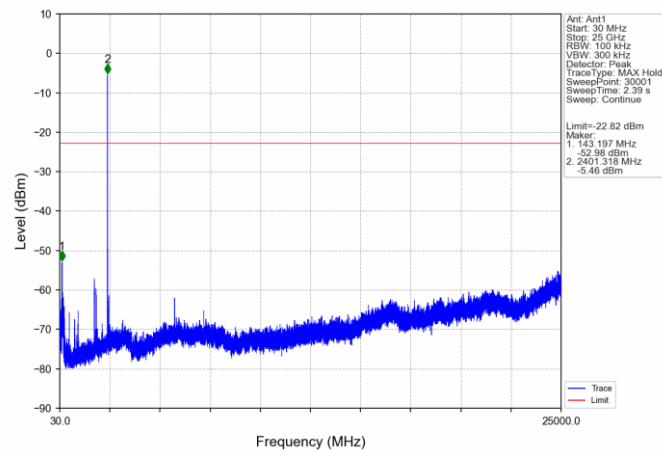


2M_LCH_2402MHz_Ant1_NTNV

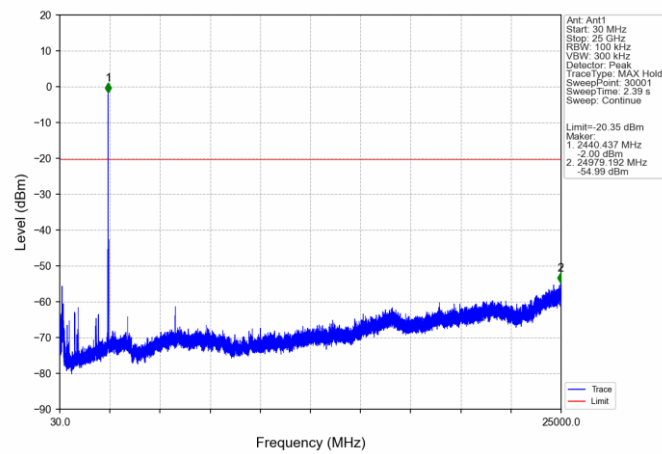




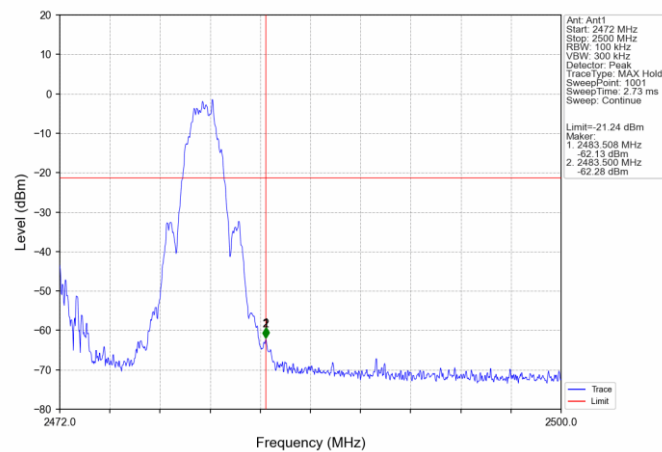
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV

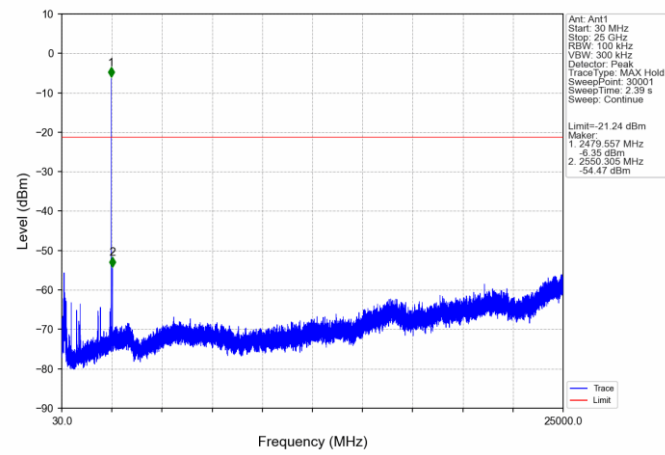


2M_HCH_2480MHz_Ant1_NTNV





2M_HCH_2480MHz_Ant1_NTNV





APPENDIX II - MEASUREMENT PHOTOS

Note: Please see the attached RF_Test Setup photos for FCC ID.

※※※※※END OF THE REPORT※※※※※