

FCC Test Report

Report No.: AGC14435240301FR01

FCC ID	:	2A7BAX20
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	Smart Watch
BRAND NAME	:	Blackview, IOWODO, FeiPuQu, Baolubao
MODEL NAME	:	X20, X10, X30, X40, X50, X60, X70, X80, X90, X10Pro, X20Pro, X40Pro, X50Pro, X60Pro, X70Pro, X80Pro, X90Pro
APPLICANT	:	Shenzhen Hairuichuang Technology Co., Ltd.
DATE OF ISSUE	:	Apr. 03, 2024
STANDARD(S)	:	FCC Part 15 Subpart C §15.247
REPORT VERSION	:	V1.0







Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes	
V1.0	/	Apr. 03, 2024	Valid	Initial Release	



Table of Contents

1. General Information	5
2. Product Information	6
2.1 Product Technical Description	6
2.2 Test Frequency List	6
2.3 Related Submittal(S) / Grant (S)	7
2.4 Test Methodology	7
2.5 Receiver Input Bandwidth	7
2.6 Equally Average Use of Frequencies and Behaviour	7
2.7 Pseudorandom Frequency Hopping Sequence	
2.8 Special Accessories	9
2.9 Equipment Modifications	9
2.10 Antenna Requirement	9
3. Test Environment	
3.1 Address of The Test Laboratory	
3.2 Test Facility	
3.3 Environmental Conditions	11
3.4 Measurement Uncertainty	11
3.5 List of Equipment Used	
4.System Test Configuration	14
4.1 EUT Configuration	
4.2 EUT Exercise	
4.3 Configuration of Tested System	
4.4 Equipment Used in Tested System	
4.5 Summary of Test Results	
5. Description of Test Modes	
6. RF Output Power Measurement	
6.1 Provisions Applicable	
6.2 Measurement Procedure	
6.3 Measurement Setup (Block Diagram of Configuration)	
6.4 Measurement Result	
7. 20dB Bandwidth and 99% Occupied Bandwidth Measurement	24
7.1 Provisions Applicable	24
7.2 Measurement Procedure	24
7.3 Measurement Setup (Block Diagram of Configuration)	24
7.4 Measurement Results	
8. Conducted Band Edge and Out-of-Band Emissions	
8.1 Provisions Applicable	
8.2 Measurement Procedure	
8.3 Measurement Setup (Block Diagram of Configuration)	
8 4 Measurement Results	21



9. Radiated Spurious Emission	
9.1 Measurement Limit	51
9.2 Measurement Procedure	51
9.3 Measurement Setup (Block Diagram of Configuration)	54
9.4 Measurement Result	
10. Number of Hopping Frequency Measurement	64
10.1 Provisions Applicable	64
10.2 Measurement Procedure	64
10.3 Measurement Setup (Block Diagram of Configuration)	64
10.4 Measurement Result	64
11. Time of Occupancy (Dwell Time) Measurement	
11.1 Provisions Applicable	
11.2 Measurement Procedure	
11.3 Measurement Setup (Block Diagram of Configuration)	
11.4 Measurement Result	
12. Frequency Separation Measurement	70
12.1 Provisions Applicable	70
12.2 Measurement Procedure	70
12.3 Measurement Setup (Block Diagram of Configuration)	70
12.4 Measurement Result	70
13. AC Power Line Conducted Emission Test	72
13.1 Measurement Limit	72
13.2 Measurement Setup (Block Diagram of Configuration)	72
13.3 Preliminary Procedure of Line Conducted Emission Test	
13.4 Final Procedure of Line Conducted Emission Test	73
13.5 Measurement Results	73
Appendix I: Photographs of Test Setup	74
Appendix II: Photographs of Test EUT	



1. General Information

Applicant	Shenzhen Hairuichuang Technology Co., Ltd.				
Address	Room 2001, Building A, Weidonglong Business Building, No. 2125, Meilong Avenue, Longhua District, Shenzhen City				
Manufacturer	Shenzhen Hairuichuang Technology Co., Ltd.				
Address	Room 2001, Building A, Weidonglong Business Building, No. 2125, Meilong Avenue, Longhua District, Shenzhen City				
Factory	Shenzhen Hairuichuang Technology Co., Ltd.				
Address	Room 2001, Building A, Weidonglong Business Building, No. 2125, Meilong Avenue, Longhua District, Shenzhen City				
Product Designation	Smart Watch				
Brand Name	Blackview, IOWODO, FeiPuQu, Baolubao				
Test Model	X20				
Series Model(s)	X10, X30, X40, X50, X60, X70, X80, X90, X10Pro, X20Pro, X40Pro, X50Pro, X60Pro, X70Pro, X80Pro, X90Pro				
Difference Description	All the same except for the model names, brand names and colors.				
Date of receipt of test item	Mar. 22, 2024				
Date of Test	Mar. 22, 2024 to Apr. 03, 2024				
Deviation from Standard	No any deviation from the test method				
Condition of Test Sample	Normal				
Test Result	Pass				
Test Report Form No	AGCER-FCC-BR_EDR-V1				

Note: The test results of this report relate only to the tested sample identified in this report.

Prepared By

Alan Duan

Alan Duan (Project Engineer)

Apr. 03, 2024

Reviewed By

Calvin Liu (Reviewer)

Apr. 03, 2024

Approved By

(Irang

Max Zhang (Authorized Officer)

Apr. 03, 2024

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

 Attestation of Global Compliance(Shenzhen)Co., Ltd

 Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

 Tel: +86-755 2523 4088
 E-mail: agc@agccert.com



2. Product Information

2.1 Product Technical Description

Frequency Band	2400MHz-2483.5MHz
Operation Frequency Range	2402MHz-2480MHz
Bluetooth Version	V5.4
Modulation Type	BR 🖾 GFSK, EDR 🖾 π /4-DQPSK, 🖾 8DPSK
Number of channels	79 Channels
Channel Separation	1 MHz
Maximum Transmitter Power	5.644 dBm (0.00367 W)
Hardware Version	MOY.MA1208.01
Software Version	V1.0
Antenna Designation	Monopole Antenna
Antenna Gain	3.48dBi
Power Supply	DC 3.8V by battery

2.2 Test Frequency List

Frequency Band	Channel Number	Frequency			
	0	2402 MHz			
	1	2403 MHz			
	:	:			
2400~2483.5MHz	39	2441MHz			
-	:	:			
	77	2479 MHz			
·	78	2480 MHz			
Note: f = 2402 + 1k MHz, k = 0,, 78 ; "f "is the operating frequency (MHz); "k" is the operating channel.					



2.3 Related Submittal(S) / Grant (S)

This submittal(s) (test report) is intended for FCC ID: **2A7BAX20**, filing to comply with Part 2, Part 15 of the Federal Communication Commission rules.

2.4 Test Methodology

The tests were performed according to following standards:

No.	Identity	Document Title			
1	FCC 47 CFR Part 2	47 CFR Part 2 Frequency allocations and radio treaty matters; general rules and regulation			
2	FCC 47 CFR Part 15	Radio Frequency Devices			
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices			
4	KDB 558074 D01 15.247 Meas Guidance v05r02	Guidance for compliance measurements on Digital Transmission Systems, Frequency Hopping Spread Spectrum system, and Hybrid system devices operating under Section 15.247 of the FCC rules			

2.5 Receiver Input Bandwidth

The input bandwidth of the receiver is 1.3MHz, in every connection one Bluetooth device is the master and the other one is slave. The master determines the hopping sequence. The slave follows this sequence. Both devices shift between RX and TX time slot according to the clock of the master. Additionally, the type of connection (e.g. single of multi slot packet) is set up at the beginning of the connection. The master adapts its hopping frequency and its TX/RX timing according to the packet type of the connection. Also, the slave of the connection will use these settings. Repeating of a packet has no influence on the hopping sequence. The hopping sequence generated by the master of the connection will be followed in any case. That means, a repeated packet will not be send on the same frequency, it is send on the next frequency of the hopping sequence.

2.6 Equally Average Use of Frequencies and Behaviour.

The generation of the hopping sequence in connection mode depends essentially on two input values:

1. LAP/UAP of the master of the connection.

2. Internal master clock.

The LAP (lower address part) are the 24 LSB's of the 48 BD_ADDRESS. The BD_ADDRESS is an unambiguous number of every Bluetooth unit. The UAP (upper address part) are the 24MSB's of the 48BD_ADDRESS

The internal clock of a Bluetooth unit is derived from a free running clock which is never adjusted and is never turned off. For behavior action with other units only offset is used. It has no relation to the time of the day. Its resolution is at least half the RX/TX slot length of 312.5us. The clock has a cycle of about one day(23h30).

In most case it is implemented as 28 bits counter. For the deriving of the hopping sequence the entire. LAP (24 bits),4LSB's(4bits) (Input 1) and the 27MSB's of the clock (Input 2) are used. With this input values different mathematical procedures (permutations, additions, XOR-operations) are performed to generate the Sequence. This will be done at the beginning of every new transmission.

Regarding short transmissions the Bluetooth system has the following behavior:

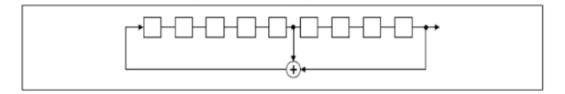
The first connection between the two devices is established, a hopping sequence was generated. For Transmitting the wanted data the complete hopping sequence was not used. The connection ended. The second connection will be established. A new hopping sequence is generated. Due to the fact the Bluetooth clock has a different value, because the period between the two transmission is longer (and it Cannot be shorter) than the minimum resolution of the clock(312.5us). The hopping sequence will always differ from the first one.



2.7 Pseudorandom Frequency Hopping Sequence

The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONEs; i.e. the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence: 29 1 = 511 bits
- Longest sequence of zeros: 8 (non-inverted signal)



Linear Feedback Shift Register for Generation of The PRBS Sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:

44	35	78	03		20	76	02	19		 21	64	75
				7		Ĩ				 1		
			i			i				1		
			i i			i				1		
			<u>_</u>	i		_!			l	 _i		

Each frequency used equally on the average by each transmitter.

The system receivers have input bandwidths that match the hopping channel bandwidths of their Corresponding transmitters and shift frequencies in synchronization with the transmitted signals.



2.8 Special Accessories

Not available for this EUT intended for grant.

2.9 Equipment Modifications

Not available for this EUT intended for grant.

2.10 Antenna Requirement

Standard Requirement

15.203 requirement:

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi

EUT Antenna:

The non-detachable antenna inside the device cannot be replaced by the user at will. The gain of the antenna is 3.48dBi.



3. Test Environment

3.1 Address of The Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories.)

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

IC-Registration No.: 24842(CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.



3.3 Environmental Conditions

	Normal Conditions
Temperature range (°C)	15 - 35
Relative humidity range	20 % - 75 %
Pressure range (kPa)	86 - 106
Power supply	DC 3.8V by battery

3.4 Measurement Uncertainty

The reported uncertainty of measurement y \pm U, where expended uncertainty U is based on a standard

uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.					
Item	Measurement Uncertainty				
Uncertainty of Conducted Emission for AC Port	$U_c = \pm 2.9 \text{ dB}$				
Uncertainty of Radiated Emission below 1GHz	$U_c = \pm 3.9 \text{ dB}$				
Uncertainty of Radiated Emission above 1GHz	$U_c = \pm 4.9 \text{ dB}$				
Uncertainty of total RF power, conducted	$U_c = \pm 0.8 \text{ dB}$				
Uncertainty of RF power density, conducted	$U_c = \pm 2.6 \text{ dB}$				
Uncertainty of spurious emissions, conducted	U _c = ±2 %				
Uncertainty of Occupied Channel Bandwidth	U _c = ±2 %				



3.5 List of Equipment Used

RF Conducted Test System									
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)		
\boxtimes	AGC-ER-E036	Spectrum Analyzer	Agilent	N9020A	MY49100060	2023-06-01	2024-05-31		
\boxtimes	AGC-ER-E062	Power Sensor	Agilent	U2021XA	MY54110007	2024-02-01	2025-01-31		
\boxtimes	AGC-ER-E063	Power Sensor	Agilent	U2021XA	MY54110009	2024-02-01	2025-01-31		
\boxtimes	AGC-EM-A152	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2024-06-08		
	AGC-ER-E083	Signal Generator	Agilent	E4421B	US39340815	2023-06-01	2024-05-31		
\bowtie	N/A	RF Connection Cable	N/A	1#	N/A	Each time	N/A		
	N/A	RF Connection Cable	N/A	2#	N/A	Each time	N/A		

• F	Radiated Spurious Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)	
\square	AGC-EM-E046	EMI Test Receiver	R&S	ESCI	10096	2024-02-01	2025-01-31	
	AGC-EM-E116	EMI Test Receiver	R&S	ESCI	100034	2023-06-03	2024-06-02	
\square	AGC-EM-E061	Spectrum Analyzer	Agilent	N9010A	MY53470504	2023-06-01	2024-05-31	
\boxtimes	AGC-EM-E086	Loop Antenna	ZHINAN	ZN30900C	18051	2024-03-05	2026-03-04	
\boxtimes	AGC-EM-E001	Wideband Antenna	SCHWARZBECK	VULB9168	D69250	2023-05-11	2025-05-10	
\boxtimes	AGC-EM-E029	Broadband Ridged Horn Antenna	ETS	3117	00034609	2023-03-23	2025-03-22	
\boxtimes	AGC-EM-E082	Horn Antenna	SCHWARZBECK	BBHA 9170	#768	2023-09-24	2025-09-23	
\square	AGC-EM-E146	Pre-amplifier	ETS	3117-PA	00246148	2022-08-04	2024-08-03	
\boxtimes	AGC-EM-A119	2.4G Filter	SongYi	N/A	N/A	2023-06-01	2024-05-31	
\square	AGC-EM-A138	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2024-06-08	
	AGC-EM-A139	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2024-06-08	

• A	AC Power Line Conducted Emission								
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)		
	AGC-EM-E045	EMI Test Receiver	R&S	ESPI	101206	2023-06-03	2024-06-02		
	AGC-EM-A130	6dB Attenuator	Eeatsheep	LM-XX-6-5W	DC-6GZ	2023-06-09	2024-06-08		
	AGC-EM-E023	AMN	R&S	100086	ESH2-Z5	2023-06-03	2024-06-02		



• Te	Test Software						
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Version Information		
	AGC-EM-S001	CE Test System	R&S	ES-K1	V1.71		
\boxtimes	AGC-EM-S003	RE Test System	FARA	EZ-EMC	VRA-03A		
	AGC-ER-S012	BT/WIFI Test System	Tonscend	JS1120-2	2.6		
\square	AGC-EM-S011	RSE Test System	Tonscend	TS+-Ver2.1(JS36-RSE)	4.0.0.0		



4.System Test Configuration

4.1 EUT Configuration

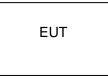
The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

4.2 EUT Exercise

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

4.3 Configuration of Tested System

Radiated Emission Configure:



4.4 Equipment Used in Tested System

The following peripheral devices and interface cables were connected during the measurement: Test Accessories Come From The Laboratory

No.	Equipment	Model No.	Manufacturer	Specification Information	Cable
1	Xiaomi Phone	Xiaomi	MI 10		

Test Accessories Come From The Manufacturer

No.	Equipment	Model No.	Manufacturer	Specification Information	Cable
1				-	



4.5 Summary of Test Results

Item	FCC Rules	Description of Test	Result
1	§15.203&15.247(b)(4)	Antenna Equipment	Pass
2	§15.247 (b)(1)	RF Output Power	Pass
3	§15.247 (a)(1)	20 dB Bandwidth	Pass
4	§15.247 (d)	Conducted Band Edge and Out-of-Band Emissions	Pass
5	§15.209	Radiated Spurious Emission	Pass
6	§15.247 (a)(1)(iii)	Number of Hopping Frequency	Pass
7	§15.247 (a)(1)(iii)	Time of Occupancy	Pass
8	§15.247 (a)(1)	Frequency Separation	Pass
9	§15.207	AC Power Line Conducted Emission	Not Applicable

Note: The BT function cannot transmit when charging.



5. Description of Test Modes

	Summary table of Test Cases				
Test Item	Data Rate / Modulation				
rest item	Bluetooth – BR_EDR (GFSK/π /4-DQPSK/8DPSK)				
Radiated & Conducted Test Cases	Mode 1: Bluetooth Tx CH00_2402 MHz_1Mbps (Battery powered) Mode 2: Bluetooth Tx CH39_2441 MHz_1Mbps (Battery powered) Mode 3: Bluetooth Tx CH78_2480 MHz_1Mbps (Battery powered) Mode 4: Bluetooth Tx CH00_2402 MHz_2Mbps (Battery powered) Mode 5: Bluetooth Tx CH39_2441 MHz_2Mbps (Battery powered) Mode 6: Bluetooth Tx CH39_2440 MHz_2Mbps (Battery powered) Mode 6: Bluetooth Tx CH78_2480 MHz_3Mbps (Battery powered) Mode 7: Bluetooth Tx CH00_2402 MHz_3Mbps (Battery powered) Mode 8: Bluetooth Tx CH39_2441 MHz_3Mbps (Battery powered) Mode 9: Bluetooth Tx CH39_2441 MHz_3Mbps (Battery powered) Mode 9: Bluetooth Tx CH78_2480 MHz_3Mbps (Battery powered) Mode 10: Bluetooth Tx Hopping-1Mbps (Battery powered) Mode11: Bluetooth Tx Hopping-3Mbps (Battery powered)				
AC Conducted Emission	N/A				
Note:	Note:				
 Only the result of the worst case was recorded in the report, if no other cases. The battery is full-charged during the test. 					

- The battery is full-charged during the test.
 For Radiated Emission, 3axis were chosen for testing for each applicable mode.
- 4. For Conducted Test method, a temporary antenna connector is provided by the manufacture.
 - Software Setting Diagram

串口设置	配置数据发送成功!	
串口 COM8(USB-SERIAL CH340)	 reply data: 04 0E 04 01 01 FC 00 	
波特率 115200	return code: 0x0	
数据位 8	配置数据发送成功! ▼ raphy data: 04 05 04 01 01 FC 00	
校验位 None	✓ return code: 0x0	
停止位 1	配置数据发送成功! ▼ reply data: 04 0E 04 01 01 FC 00	
流 控 NoFlow	reply data: 04 0E 04 0T 0T FC 00	
	Teturn code: 0x0 配置数据发送成功!	
关闭	reply data: 04 0E 04 01 01 FC 00	
77 (777	return code: 0x0	
BR/EDR BLE	配置数据发送成功!	
MODE RX	 reply data: 04 0E 04 01 01 FC 00 	
Channel 78	return code: 0x0	
	配置数据发送成功!	
Transmit_Power 10	reply data: 04 0E 04 01 01 FC 00	
Packet_Type 3-DH5	✓ return code: 0x0	
Hopping OFF	■ 配置数据发送成功!	
	reply data: 04 0E 04 01 01 FC 00	
Data_Types Pn9	▼ return code: 0x0	
	配置数据发送成功!	
Send configuration	reply data: 04 0E 04 01 01 FC 00	
	return code: 0x0	
	配置数据发送成功! reply data: 04 0E 04 01 01 FC 00	
	reply data: 04 0E 04 0T 0T FC 00 return code: 0x0	
	配置数据发送成功!	
	10日90月2020月301	
	清除日志	



6. RF Output Power Measurement

6.1 Provisions Applicable

The maximum out power permissible output power is 1 Watt for all frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels.

The maximum out power permissible output power is 0.125 watts for all other frequency hopping systems in the 2400-2483.5 MHz band.

6.2 Measurement Procedure

⊠For Peak power test:

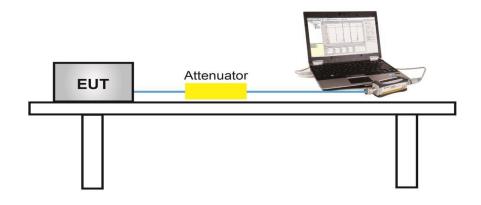
- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.
- 3. RBW > 20 dB bandwidth of the emission being measured.
- 4. VBW \geq RBW.
- 5. Sweep: Auto.
- 6. Detector function: Peak.
- 7. Trace: Max hold.
- 8. Allow trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak output power, after any corrections for external attenuators and cables.

For Average power test:

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since this measurement is made only during the ON time of the transmitter, no duty cycle correction is required

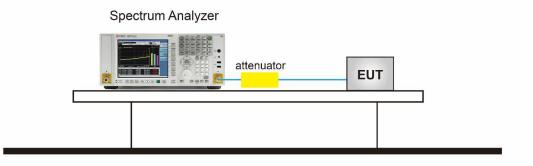
6.3 Measurement Setup (Block Diagram of Configuration)

For Average power test setup



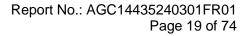


For peak power test setup

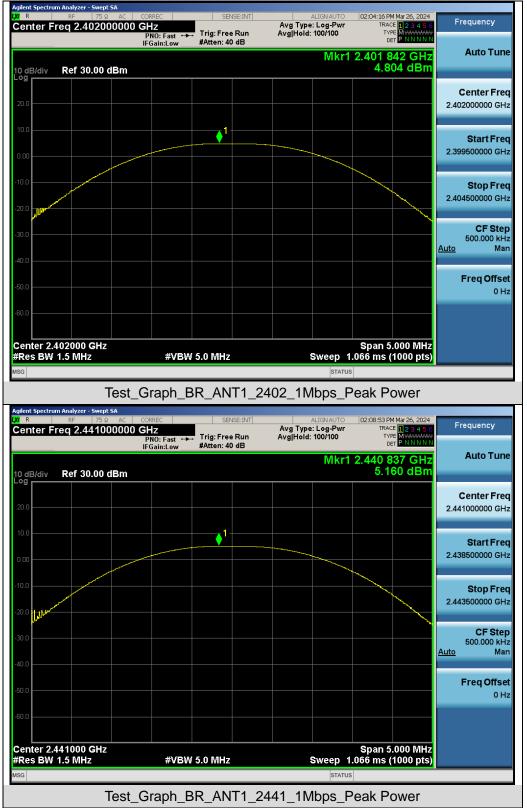


6.4 Measurement Result

Test Data of Conducted Output Power					
Test Mode	Test Frequency (MHz)	Peak Power (dBm)	Limits (dBm)	Pass or Fail	
	2402	4.804	≤21	Pass	
GFSK	2441	5.160	≤21	Pass	
	2480	5.096	≤21	Pass	
	2402	5.141	≤21	Pass	
π /4-DQPSK	2441	5.544	≤21	Pass	
	2480	5.523	≤21	Pass	
	2402	5.257	≤21	Pass	
8DPSK	2441	5.630	≤21	Pass	
	2480	5.644	≤21	Pass	

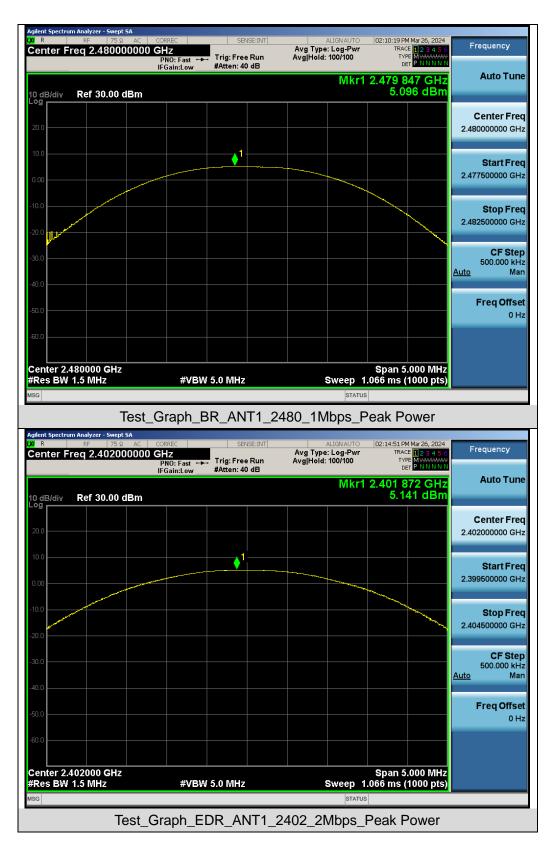




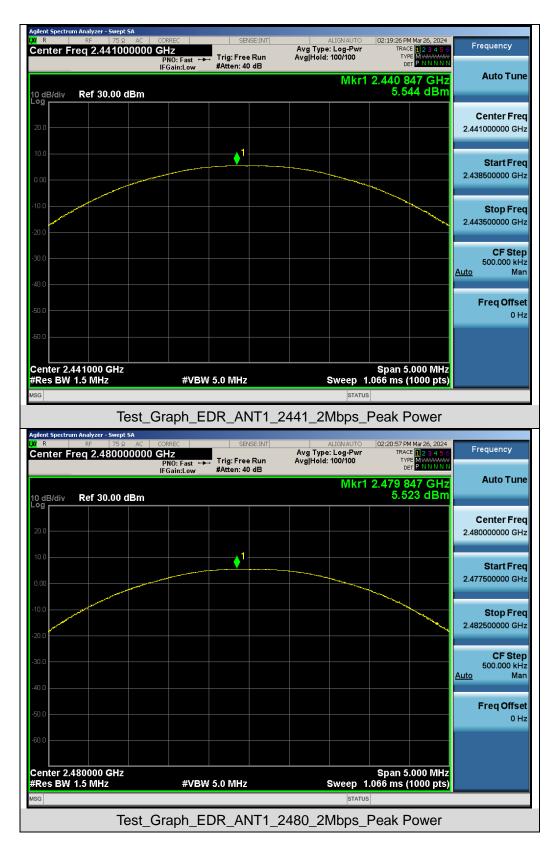


Test Graphs of Conducted Output Power

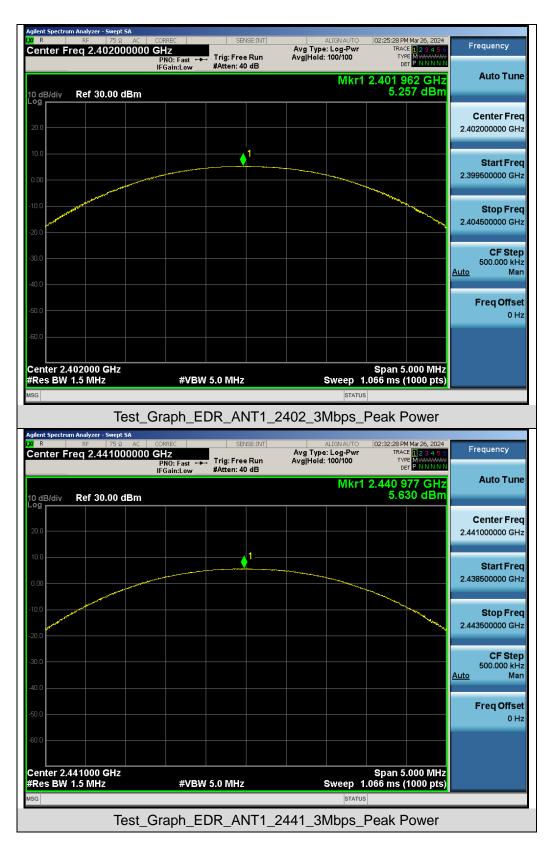




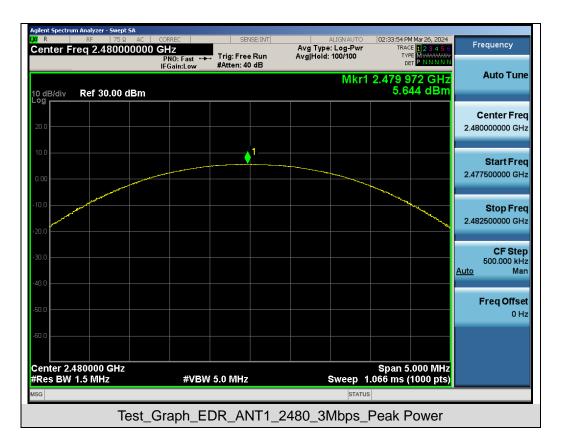














7. 20dB Bandwidth and 99% Occupied Bandwidth Measurement

7.1 Provisions Applicable

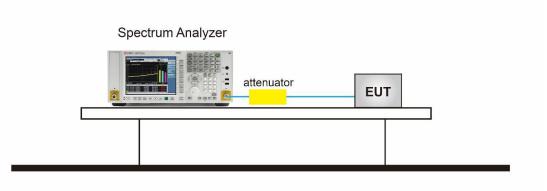
There is no corresponding limit requirement for this test item.

7.2 Measurement Procedure

The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 6.9.2 (20dB BW).

- The 20dB bandwidth spectrum analyzer setting reference is as follows:
- 1. Set RBW ≥ 1% to 5% of the 20dB bandwidth
- 2. VBW = Approximately three times RBW
- 3. Span = Approximately 2 to 5 times the 20dB bandwidth, centered on a hopping channel
- 4. Detector = Peak
- 5. Trace mode = Max hold
- 6. Sweep = Auto couple
- 7. Allow the trace to stabilize
- 8. Measure the maximum width of the emission that is constrained by the frequencies associated
- 9. with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20
- 10. dB relative to the maximum level in the fundamental emission.
- The 99% bandwidth spectrum analyzer setting reference is as follows:
- 1. Span = 1.5 times to 5 times the OBW
- 2. Set RBW = 1% to 5% the OBW
- 3. VBW \geq 3 × RBW
- 4. Detector = Peak
- 5. Trace mode = Max hold
- 6. Sweep = Auto couple
- 7. Allow the trace was allowed to stabilize

7.3 Measurement Setup (Block Diagram of Configuration)

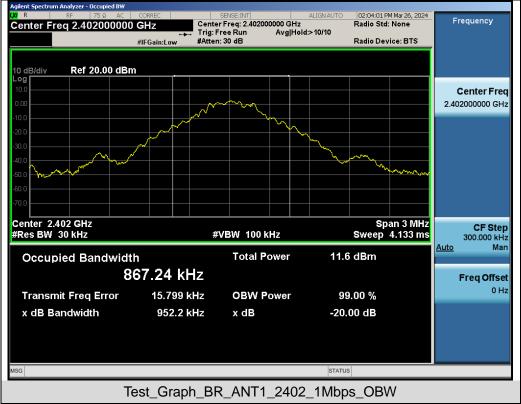




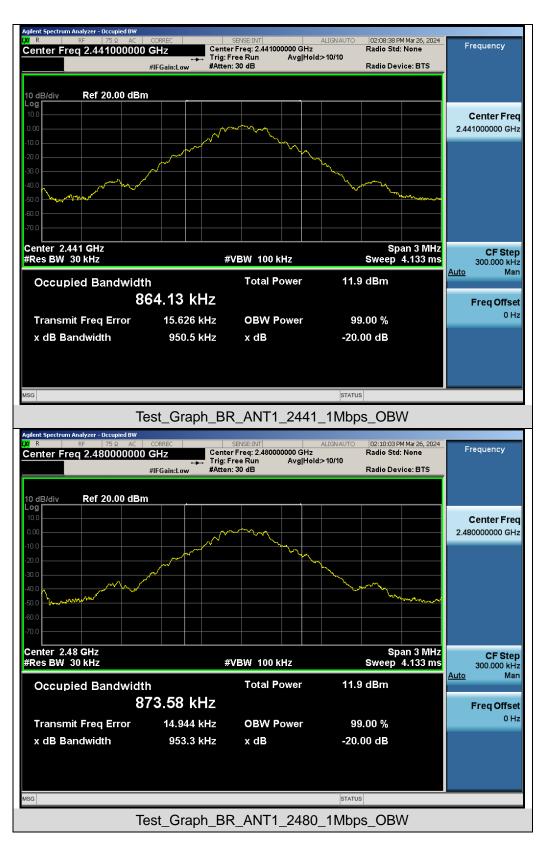
7.4 Measurement Results

Test Data of Occupied Bandwidth and -20dB Bandwidth							
Test Mode	Test Frequency (MHz)	99% Occupied Bandwidth (MHz)	-20dB Bandwidth (MHz)	Limits	Pass or Fail		
	2402	0.867	0.952	N/A	Pass		
GFSK	2441	0.864	0.951	N/A	Pass		
	2480	0.874	0.953	N/A	Pass		
	2402	1.206	1.317	N/A	Pass		
π /4-DQPSK	2441	1.207	1.315	N/A	Pass		
	2480	1.198	1.317	N/A	Pass		
	2402	1.220	1.305	N/A	Pass		
8DPSK	2441	1.219	1.305	N/A	Pass		
	2480	1.212	1.306	N/A	Pass		

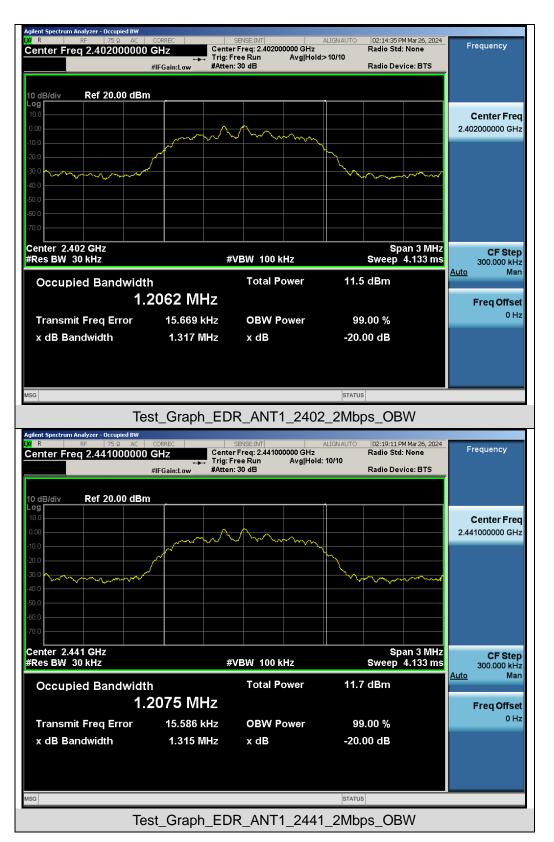
Test Graphs of Occupied Bandwidth and -20 Bandwidth



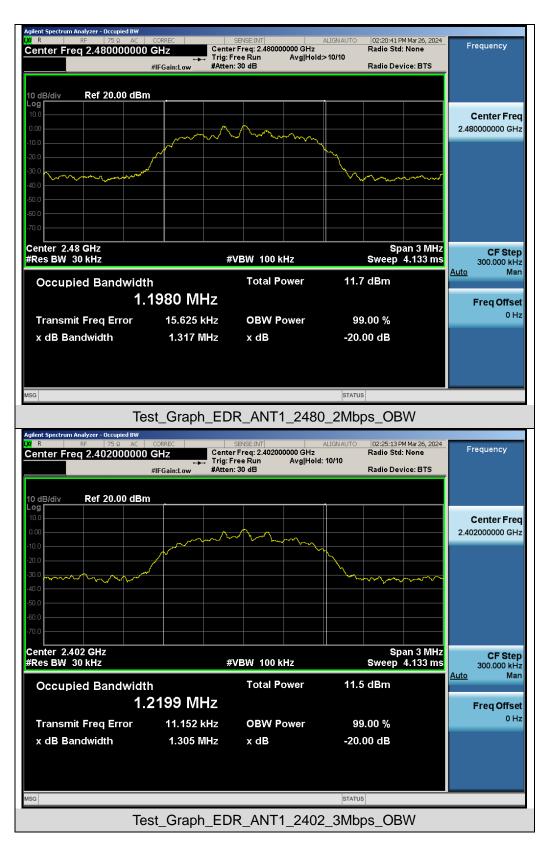




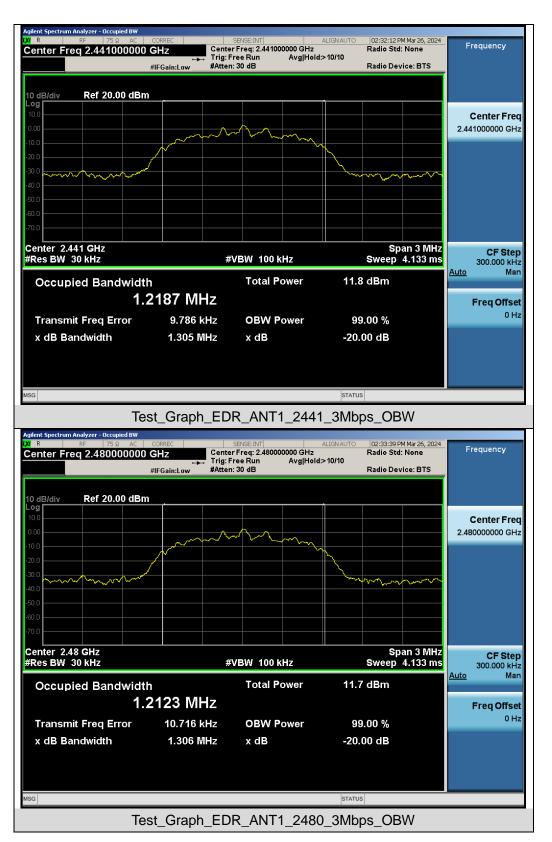














8. Conducted Band Edge and Out-of-Band Emissions

8.1 Provisions Applicable

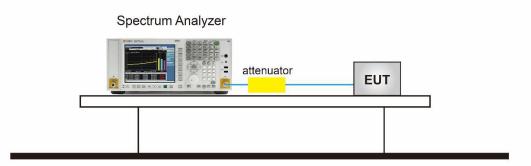
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

8.2 Measurement Procedure

The testing follows the ANSI C63.10 Section 6.10.4 and 7.8.8:

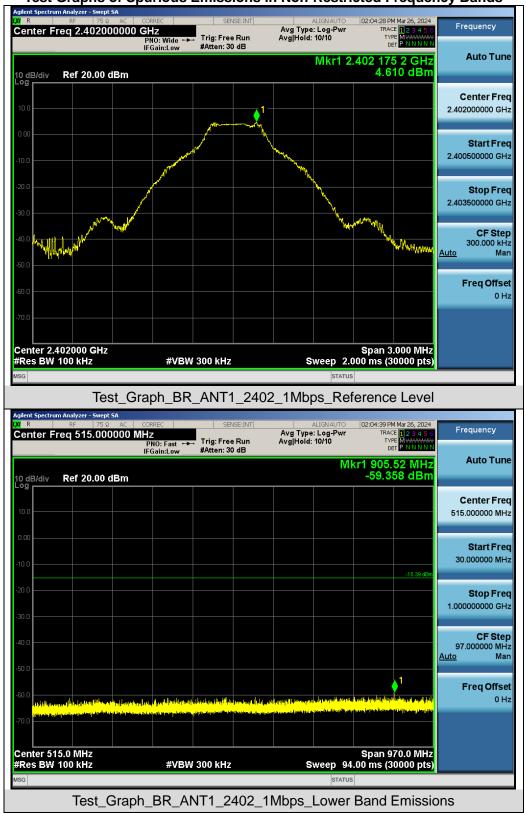
- Reference level measurement
- 1. Span = Wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products which fall outside of the authorized band of operation.
- 2. RBW = 100kHz
- 3. VBW = 300kHz
- 4. Detector = Peak
- 5. Sweep time = Auto couple
- 6. Trace mode = Max hold
- 7. Allow the trace to stabilize. Set the marker on the emission at the band edge, or on the highest modulation product outside of the band, if this level is greater than that at the band edge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission.
- Emission level measurement
- 1. Span = Wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.
- 2. RBW = 100kHz
- 3. VBW = 300kHz
- 4. Detector = Peak
- 5. Sweep time = Auto couple
- 6. Trace mode = Max hold
- 7. Trace was allowed to stabilize
- 8. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

8.3 Measurement Setup (Block Diagram of Configuration)



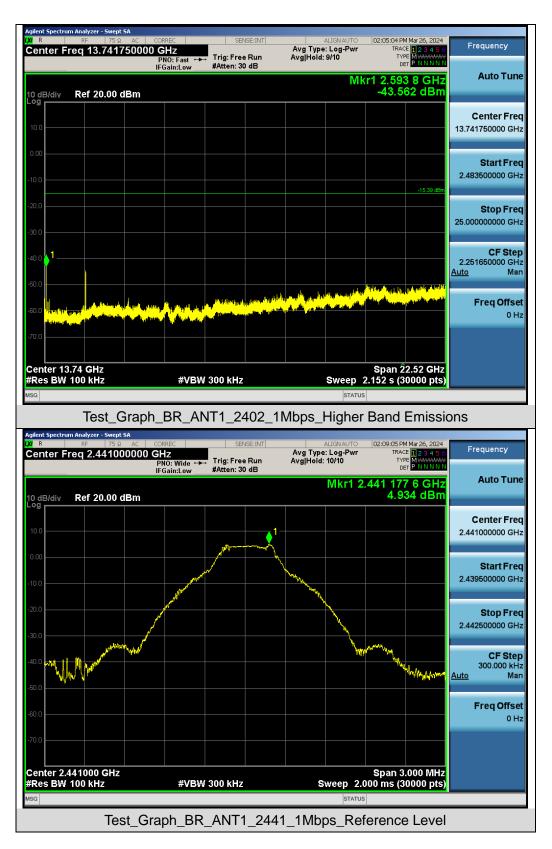


8.4 Measurement Results

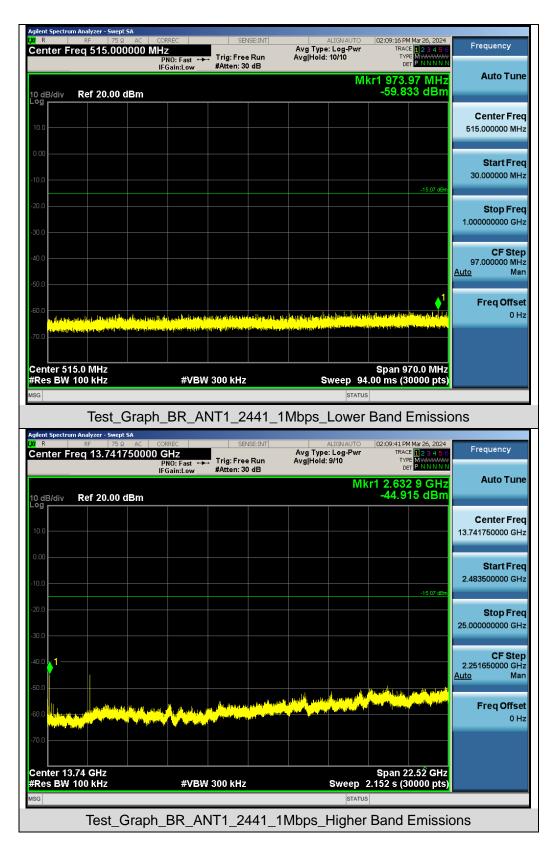


Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands





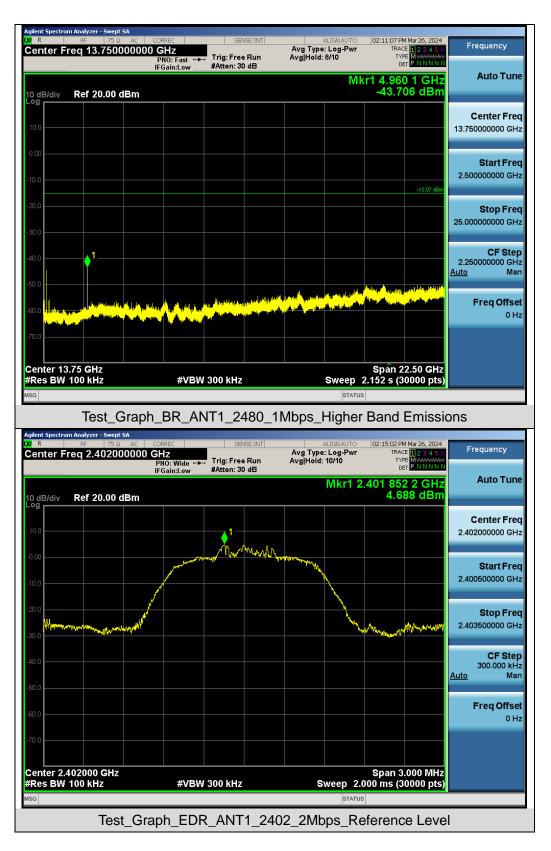




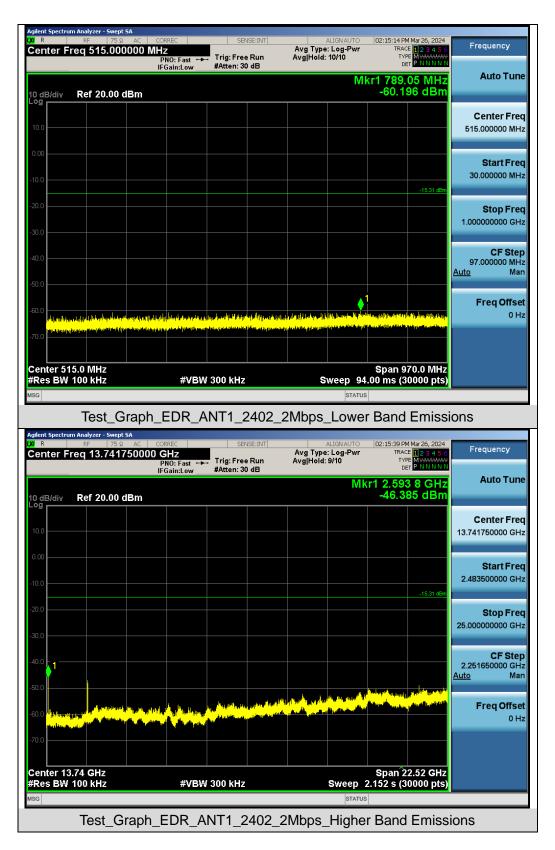




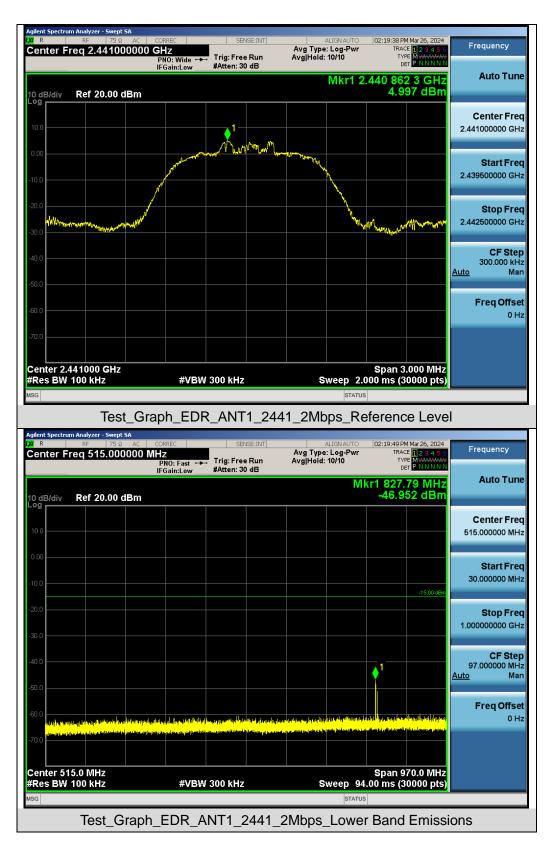




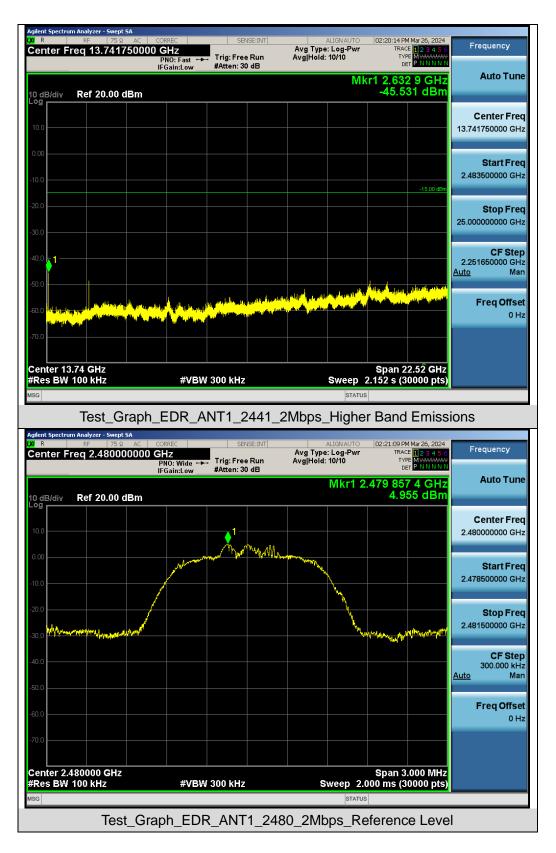




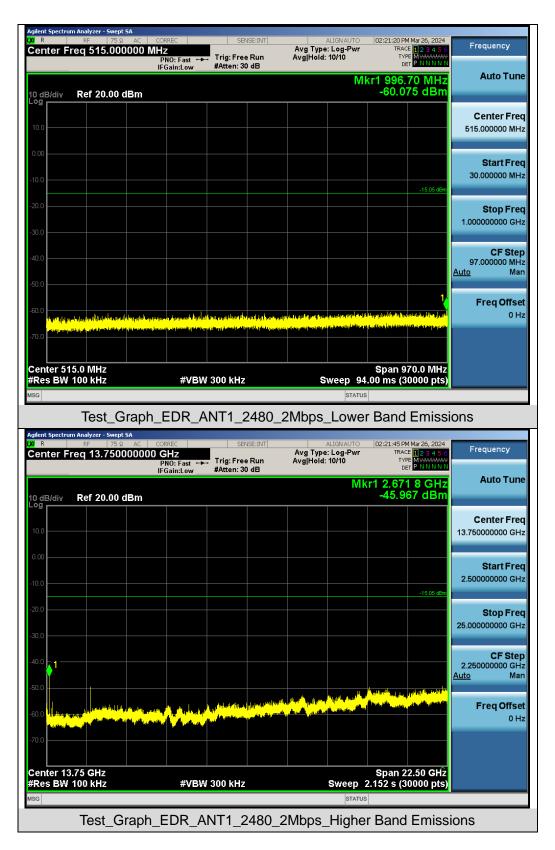




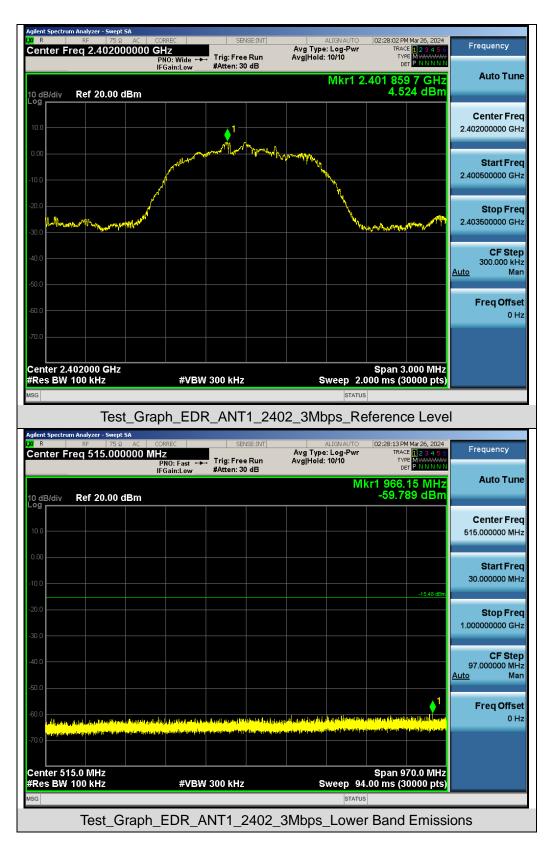




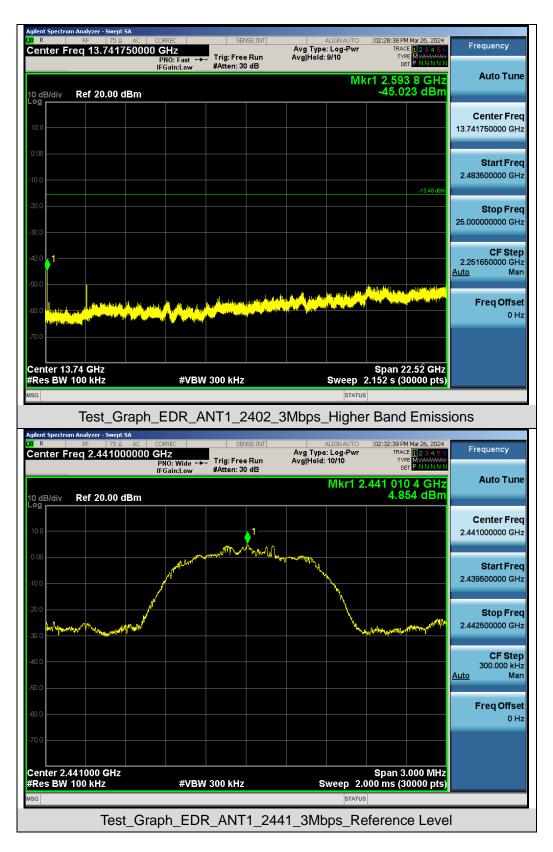




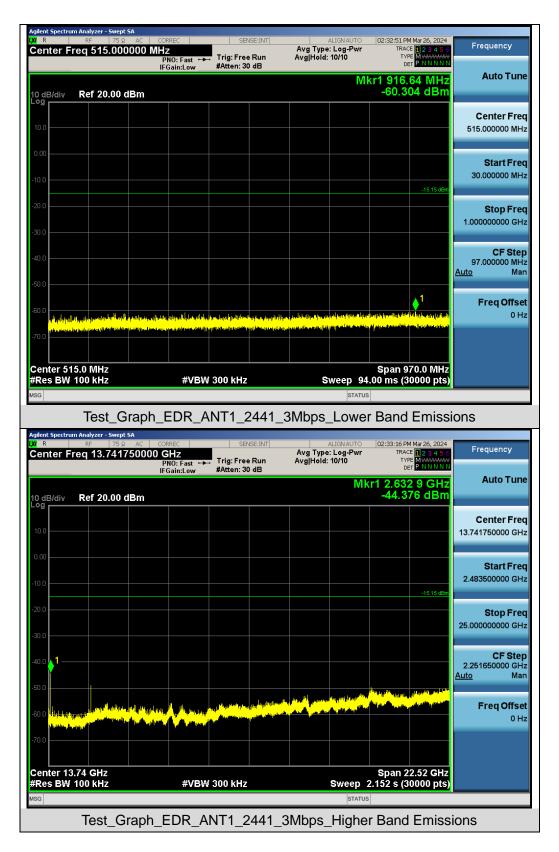




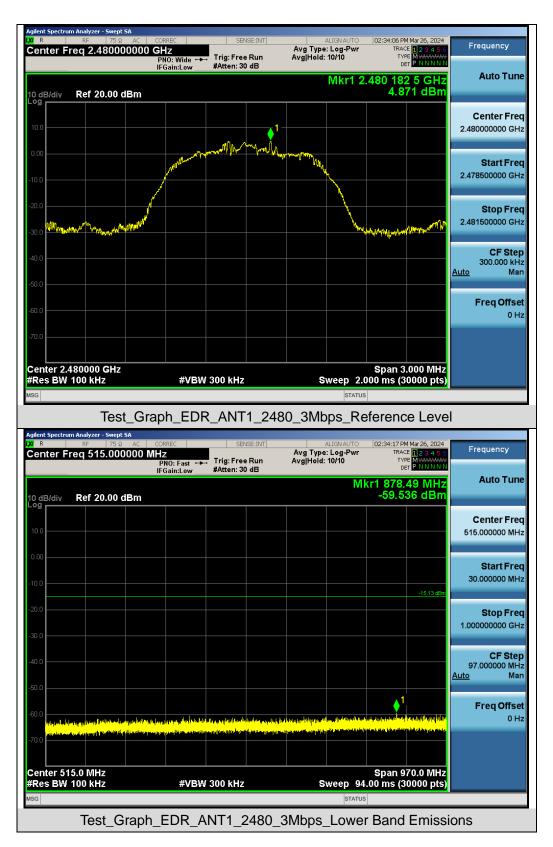




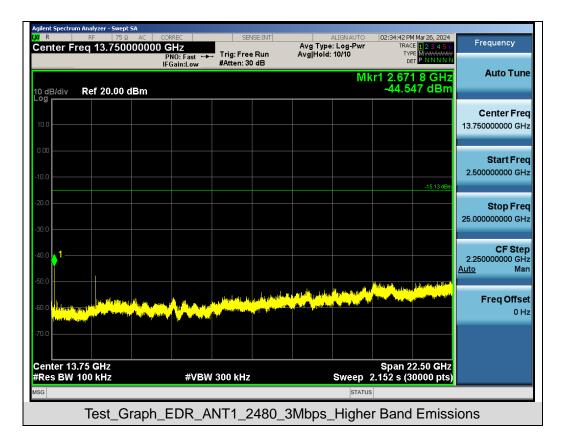










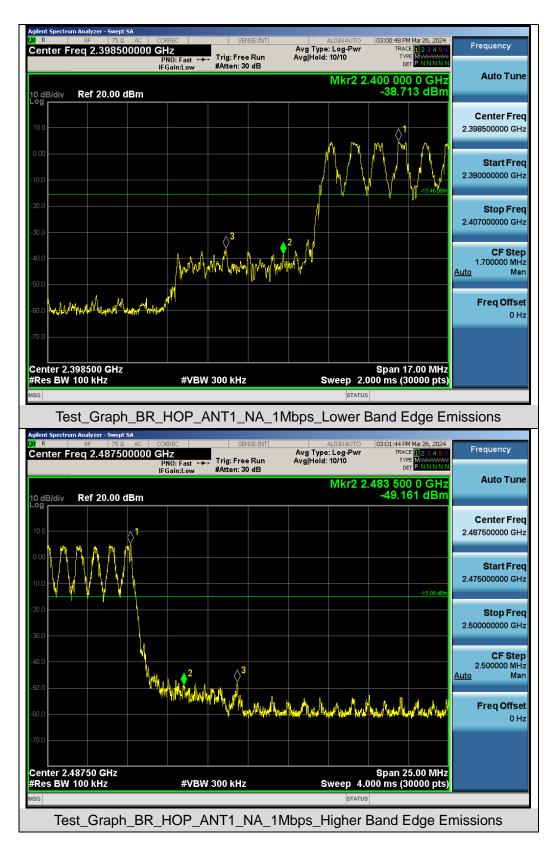






Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands

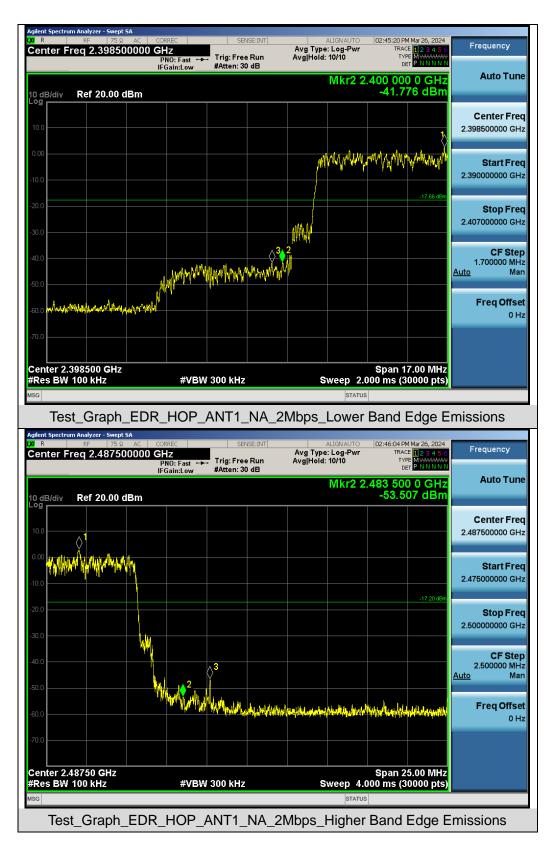








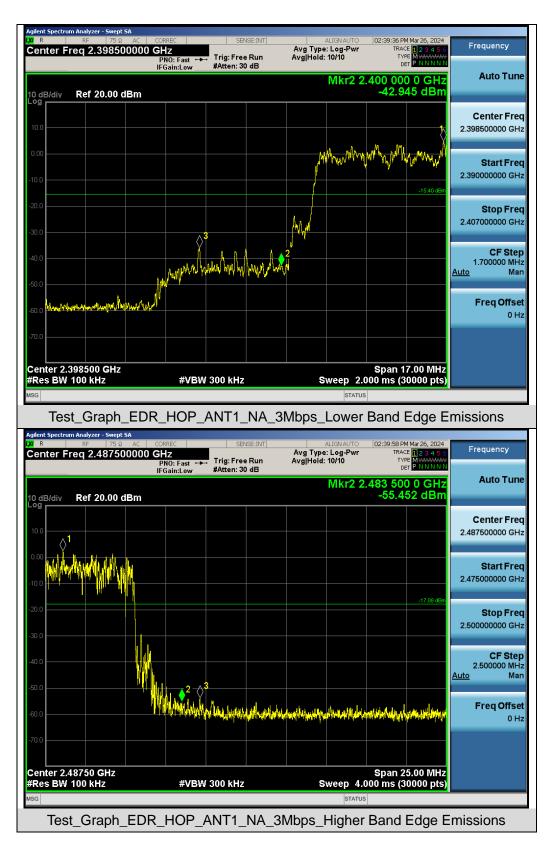














9. Radiated Spurious Emission

9.1 Measurement Limit

15.209 Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (microvolts/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

Note: All modes were tested for restricted band radiated emission, the test records reported below are the worst result compared to other modes.

9.2 Measurement Procedure

- 1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection"

Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.



absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.

- 8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

Spectrum Parameter	Setting				
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP				
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP				
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP				
Start ~Stop Frequency	1GHz~26.5GHz 1MHz/3MHz for Peak, 1MHz/3MHz for Average				

The following table is the setting of spectrum analyzer and receiver.

Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP



• Quasi-Peak Measurements below 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. Span was set greater than 1MHz
- 3. RBW = as shown in the table above
- 4. Detector = CISPR quasi-peak
- 5. Sweep time = auto couple
- 6. Trace was allowed to stabilize

Peak Measurements above 1GHz

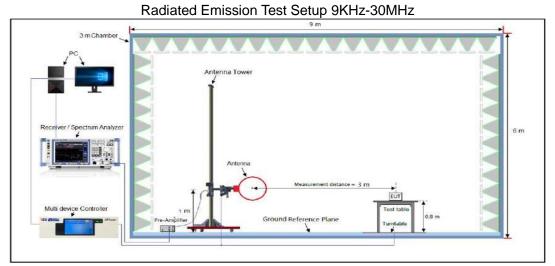
- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

• Average Measurements above 1GHz (Method VB)

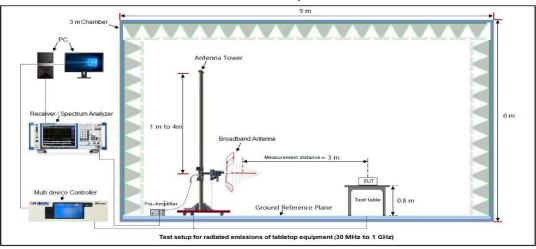
- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW setting requirements are as follows:
- 4. If the EUT is configured to transmit with duty cycle \ge 98%, set VBW = 10 Hz.
- 5. If the EUT duty cycle is < 98%, set VBW \ge 1/T. T is the minimum transmission duration.
- 6. Detector = Peak
- 7. Sweep time = auto
- 8. Trace mode = max hold
- 8. Trace was allowed to stabilize



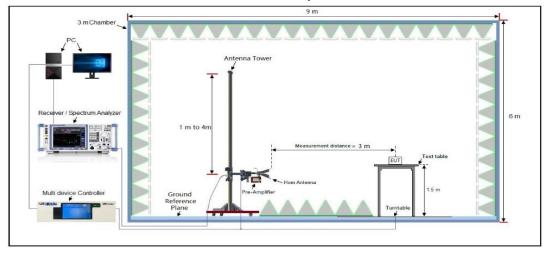
9.3 Measurement Setup (Block Diagram of Configuration)



Radiated Emission Test Setup 30MHz-1000MHz



Radiated Emission Test Setup Above 1000MHz



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

 Attestation of Global Compliance(Shenzhen)Co., Ltd

 Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

 Tel: +86-755 2523 4088
 E-mail: agc@agccert.com

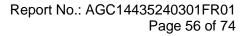


9.4 Measurement Result

Radiated Emission Below 30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

			R	adia	ted Emiss	sion Test Res	ults at 30M	Hz-1GH	z			
EUT Name	Smai	rt Wa	tch				Model N	Name		X20		
Temperature	21.6°	С					Relative	e Humid	lity	60.1	%	
Pressure	960h	Pa					Test Vo	ltage		DC 3	attery	
Test Mode	Mode	9					Antenn	a Polari	ty	Horiz	zontal	
72.0	dBuV/m											
32 	Arright the second	Medidamaey				3 Million Marker Marker	3 Lawy Mary Mary Mary	And Market		imit: Aargin:		
-8	0 40	50	60	70	80	(MHz)	300	400	500 600) 700	1000.000	
_					Reading	Correct	Maaaura					
	h1						Measure-					
	No. M	k	Fre		Level	Factor	ment	Limit	Ove			
_			MH	z	Level dBuV	Factor dB	ment dBuV/m	dBuV/m	n dB	[Detector	
	1	39	мн 3.29	IZ 91	Level dBuV 7.20	Factor dB 13.60	ment dBuV/m 20.80	dBuV/m 40.00	n dB -19.2	ء 20	peak	
-	1	39 124	мн 9.299 4.569	91 90	Level dBuV 7.20 7.00	Factor dB 13.60 16.13	ment dBuV/m 20.80 23.13	dBuV/m 40.00 43.50	n dB -19.2 -20.3	ء 20 37	peak peak	
-	1 2 3	39 124 234	мн 9.29 4.56 4.99(z 91 90 09	Level dBuV 7.20 7.00 5.81	Factor dB 13.60 16.13 15.15	ment dBuV/m 20.80 23.13 20.96	dBuV/m 40.00 43.50 46.00	n dB -19.2 -20.3 -25.0	20 37 04	peak peak peak	
-	1 2 3 4	39 124 234 441	мн 3.29 4.56 4.99(1.74)	z 91 90 09 26	Level dBuV 7.20 7.00 5.81 6.24	Factor dB 13.60 16.13 15.15 25.04	ment dBuV/m 20.80 23.13 20.96 31.28	dBuV/m 40.00 43.50 46.00 46.00	n dB -19.2 -20.3 -25.0 -14.7	20 37 04 72	peak peak peak peak	
-	1 2 3	39 124 234 441 607	мн 9.29 4.56 4.99(91 90 09 26 67	Level dBuV 7.20 7.00 5.81	Factor dB 13.60 16.13 15.15	ment dBuV/m 20.80 23.13 20.96	dBuV/m 40.00 43.50 46.00	n dB -19.2 -20.3 -25.0	20 37 04 72 71	peak peak peak	





Permeture 21.6°C Relative Humidity 60.1% Pressure 960hPa Test Voltage DC 3.8V by batte Pressure 960hPa Antenna Polarity Vertical Vertical Mode 9 Imit Vertical Vertical Relative Humidity Vertical Vertical Mode 9 Imit Vertical Vertical Vertical Vertical Vertical Vertical Mode 9 Vertical Vertical Vertical Vertical Vertical	Temperature 21.6°C Relative Humidity 60.1% Pressure 960hPa Test Voltage DC 3.8V by batter Test Mode Mode 9 Antenna Polarity Vertical 72.0 dBv/m Imit: Margin Imit: Imit: Margin Imit: Imit: Margin Imit: Im	Temperature 21.6°C Relative Humidity 60.1% Pressure 960hPa Test Voltage DC 3.8V by batter Test Mode Mode 9 Antenna Polarity Vertical 720 #bit/m Vertical Morgan Imit Margan <	Temperature 21.6°C Relative Humidity 60.1% Pressure 960hPa Test Voltage DC 3.8V by batter Test Mode Mode 9 Antenna Polarity Vertical 720 #ew/m Imit Morgin Imit Morgin Imit Morgin Imit Morgin Imit Over 30 40 50 60 70 00 (mite) 300 400 500 600 1000.000 Morgin Reading Correct Measure- ment Limit Over MHz dBuV dB dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -14.02 peak					na	uiate	su Ell	1000	un rest	Resu	is at s		Hz-10	έΗΖ						
Pressure 960hPa Test Voltage DC 3.8V by batter est Mode Mode 9 Antenna Polarity Vertical	Pressure 960hPa Test Voltage DC 3.8V by batter Test Mode Mode 9 Antenna Polarity Vertical 72.0 dBuV/m dBuV/m Imit: Margin Margin <th>Pressure 960hPa Test Voltage DC 3.8V by battery Test Mode Mode 9 Antenna Polarity Vertical 720 dBuV/m Imit Morgin Imit Over Imit Imit Over Imit Over Imit Imit Over Imit Imit</th> <th>Pressure 960hPa Test Voltage DC 3.8V by battery Test Mode Mode 9 Antenna Polarity Vertical 72 #BW/m #Morgin #Morgin</th> <th>EUT Name</th> <th>S</th> <th>mart</th> <th>Wate</th> <th>ch</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Mod</th> <th>del N</th> <th>lame</th> <th></th> <th></th> <th>X2</th> <th>20</th> <th></th> <th></th> <th></th>	Pressure 960hPa Test Voltage DC 3.8V by battery Test Mode Mode 9 Antenna Polarity Vertical 720 dBuV/m Imit Morgin Imit Over Imit Imit Over Imit Over Imit Imit Over Imit	Pressure 960hPa Test Voltage DC 3.8V by battery Test Mode Mode 9 Antenna Polarity Vertical 72 #BW/m #Morgin	EUT Name	S	mart	Wate	ch						Mod	del N	lame			X2	20			
Test Mode Mode 9 Antenna Polarity Vertical 720 #BuV/m Imit: Magin: 	Test Mode Mode 9 Antenna Polarity Vertical 720 dBwV/m 0	Test Mode Mode 9 Antenna Polarity Vertical 720 dbw/m	Test Mode Mode 9 Antenna Polarity Vertical 72.0 dbw/m	Temperature	2	1.6℃	2							Rela	ative	Hun	nidi	ty	60	.1%			
720 вви/и 720 вви/и 1 50.9420 6.71 17.01 2 178.1327 6.17 18.47 24.64 43.50	72.0 dBwV/m 0	72.0 dBuV/m 30 40.00 30 40 50 60 70 100 100 40 100 60 100 60 100 60 100 60 100 60 100 60 100 60 100 60 100 60 100 60 100 60 100 60.71 100 70.00 100 60.71 100 70.00 100 60.71 100 70.00 100 70.00 100 70.00 100 70.00 100 70.00 100 70.00 100 70.00 100 70.00 100 70.00 100 70.00 100 70.00	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dB dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak	Pressure	9	60hP	'a							Test	t Vol	tage			DC	C 3.8	3V b	by ba	atter
No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBUV dB dBUV/m dBUV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak	No. Mk. Freq. Reading Level Correct Factor Measure ment Limit Margin Over MHz dBUV dB dBUV/m dBUV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak	Test Mode	N	lode	9							Ante	enna	a Pola	arity	y	Ve	rtica	al		
No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBUV dB dBUV/m dB dBUV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHZ 000 d0 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Reading Level Correct Factor Measure ment Limit Over MHz dBuV dB dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak	72.0	dBuV	/m																	
No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dBuV dBuV/m	[-		
-6 30.000 40 50 60 70 00 (MHz) 300 400 500 600 700 1000.000 -8 MN. Freq. Reading Correct Measure- Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	-															mar			4	
-6 30.000 40 50 60 70 00 (MHz) 300 400 500 600 700 1000.000 -8 MN. Freq. Reading Correct Measure- Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak																				
-6 30.000 40 50 60 70 00 (MHz) 300 400 500 600 700 1000.000 -8 MN. Freq. Reading Correct Measure- Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak	-											_							f	
-6 30.000 40 50 60 70 00 (MHz) 300 400 500 600 700 1000.000 -8 MN. Freq. Reading Correct Measure- Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	MHZ MHZ MUV MB MUV/m MB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 460.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak																		_	-	
-6 30.000 40 50 60 70 00 (MHz) 300 400 500 600 700 1000.000 -8 MN. Freq. Reading Correct Measure- Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak	-											_					e .	- 6	4	
-6 30.000 40 50 60 70 00 (MHz) 300 400 500 600 700 1000.000 -8 MN. Freq. Reading Correct Measure- Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak													2	4		NAP	Ş.	۸L	h	
-6 30.000 40 50 60 70 00 (MHz) 300 400 500 600 700 1000.000 -8 MN. Freq. Reading Correct Measure- Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: Second					_													score i -	۳	
-8 -8 -8 -8 -8 -8 -8 -8 -8 -8	-8 30.000 40 50 60 70 90 (MHz) 300 400 500 600 700 1000.000 -8 30.000 40 50 60 70 90 (MHz) 300 400 500 600 700 1000.000 No. Mk. Freq. Reading Correct Measure- Level Factor Measure- MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: No. Mk. Freq. Reading Level Correct Factor Measurement Limit Over Over 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	32									_			Ň	۸	was with the second	and the second				
-8 -8 -8 -8 -8 -8 -8 -8 -8 -8	-6 -8 -8 -9 <t< th=""><th>No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak</th><th>Image: Second second</th><th></th><th></th><th></th><th>1</th><th>1.44.4.6</th><th></th><th>_</th><th>Lau</th><th>and the second</th><th>2</th><th>11.AN</th><th>weller,</th><th>and the second</th><th>Å</th><th>and a pack they a</th><th>at a grant of the second s</th><th>· umur ·</th><th>w.w</th><th></th><th></th></t<>	No. Mk. Freq. Reading Level Correct Factor Measure-ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	Image: Second				1	1.44.4.6		_	Lau	and the second	2	11.AN	weller,	and the second	Å	and a pack they a	at a grant of the second s	· umur ·	w.w		
30.000 40 50 60 70 80 (МНz) 300 400 500 600 700 1000.000 Reading Correct Measure- No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	30.000 40 50 60 70 90 (мнz) 300 400 500 600 700 1000.000 Reading Correct Level Factor Measure- No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	30.000 40 50 60 70 90 (мнz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Factor Measure- ment Limit Over Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	зосоо 40 50 60 70 80 (MHz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak		withmether	ndeparter	1 Anthread	Landwalach	mandan	white	1. Marchanton	when when we	2	Waynes	with	we w	Å,	and in Social Start and	u v v m		, vvn		
30.000 40 50 60 70 80 (МНz) 300 400 500 600 700 1000.000 Reading Correct Measure- No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	30.000 40 50 60 70 90 (мнz) 300 400 500 600 700 1000.000 Reading Correct Level Factor Measure- No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	30.000 40 50 60 70 90 (мнz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Factor Measure- ment Limit Over Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	зосоо 40 50 60 70 90 (МНz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak		when when a	nebrearten	1	lusophaspach	mapplyme	white	welling	udd-Millinni	2	wheeld	weller,	we have	× 	nd a faith an a	******				
30.000 40 50 60 70 80 (МНz) 300 400 500 600 700 1000.000 Reading Correct Measure- No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	30.000 40 50 60 70 90 (мнz) 300 400 500 600 700 1000.000 Reading Correct Level Factor Measure- No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	30.000 40 50 60 70 90 (мнz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Factor Measure- ment Limit Over Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	зосоо 40 50 60 70 90 (МНz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak		whereburk	mbroombar	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	handhailte	mynlynn	what	n the state of the	udd-Millinne	2 Montral	Workelder	water	we all the second se	×,	nd a pair they a	*********				
30.000 40 50 60 70 80 (МНz) 300 400 500 600 700 1000.000 Reading Correct Measure- No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	30.000 40 50 60 70 90 (MHz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	30.000 40 50 60 70 80 (мнz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Correct Level Measure- Factor Limit Over Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	зосоо 40 50 60 70 80 (МНz) 300 400 500 600 700 1000.000 No. Mk. Freq. Level Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -10.24 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak		udh <i>orebann</i>	nebreanten	1 	been bha an bha bh	mynlynn	ut the deside	n the second	udd-Million	2 Marina	in open diamon	weither		×,	adia adilari					
No. Mk. Freq. Reading Level Correct Factor Measure- ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk.Freq.Reading LevelCorrect FactorMeasure- mentLimitOverMHzdBuVdBdBuV/mdBuV/mdBDetector150.94206.7117.0123.7240.00-16.28peak2178.13276.1718.4724.6443.50-18.86peak3383.93189.3221.5630.8846.00-15.12peak	No. Mk.Freq.Reading LevelCorrect FactorMeasure- mentLimitOverMHzdBuVdBdBuV/mdBuV/mdBDetector150.94206.7117.0123.7240.00-16.28peak2178.13276.1718.4724.6443.50-18.86peak3383.93189.3221.5630.8846.00-15.12peak4440.19635.8926.0931.9846.00-14.02peak	No. Mk.Freq.Reading LevelCorrect FactorMeasure- mentLimitOverMHzdBuVdBdBuV/mdBuV/mdBDetector150.94206.7117.0123.7240.00-16.28peak2178.13276.1718.4724.6443.50-18.86peak3383.93189.3221.5630.8846.00-15.12peak4440.19635.8926.0931.9846.00-14.02peak5729.35837.8527.9135.7646.00-10.24peak		udharabaan	-about	1 Autoritation	landahah	mandan	wheel		udul-Michanau	2 Marina	in produced	www.	*	× •	whe had the form					
No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	No. Mk.Freq.LevelFactormentLimitOverMHzdBuVdBdBuV/mdBuV/mdBDetector150.94206.7117.0123.7240.00-16.28peak2178.13276.1718.4724.6443.50-18.86peak3383.93189.3221.5630.8846.00-15.12peak4440.19635.8926.0931.9846.00-14.02peak5729.35837.8527.9135.7646.00-10.24peak	- * -	ulters ^{turet}		1 Analysia harr	handershed	magnitum	-udulladanda	n Albanet	uddoor Vorse da anna anna anna anna anna anna anna	2 X Martin Martin M	in open de la comp			× •	and a part of the second	u+v**				
MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	MHz dBuV dB dBuV/m dBuV/m dB Detector 1 50.9420 6.71 17.01 23.72 40.00 -16.28 peak 2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak	-6					70 8	0		(MHz			300							0.000	
150.94206.7117.0123.7240.00-16.28peak2178.13276.1718.4724.6443.50-18.86peak	150.94206.7117.0123.7240.00-16.28peak2178.13276.1718.4724.6443.50-18.86peak3383.93189.3221.5630.8846.00-15.12peak	150.94206.7117.0123.7240.00-16.28peak2178.13276.1718.4724.6443.50-18.86peak3383.93189.3221.5630.8846.00-15.12peak4440.19635.8926.0931.9846.00-14.02peak	150.94206.7117.0123.7240.00-16.28peak2178.13276.1718.4724.6443.50-18.86peak3383.93189.3221.5630.8846.00-15.12peak4440.19635.8926.0931.9846.00-14.02peak5729.35837.8527.9135.7646.00-10.24peak	-6	.000	40	50	60	70 8	o Read	ling	(MHz Corre	t N	leasu	300 re-	40	0	500	600 7			Y 0.000	
2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak	2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	2 178.1327 6.17 18.47 24.64 43.50 -18.86 peak 3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak	-6	.000	40	50	60	70 8	o Read	ling	(MHz Corre	t N	leasu	300 re-	40	0	500	600 7			0.000	
	3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak	3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	3 383.9318 9.32 21.56 30.88 46.00 -15.12 peak 4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak	-6	.000	40	50	60 Freq	70 8	• Read	ling el	(MHz Corre Facto	ct M	leasu ment	300 re-	40 Lim	o nit	500	600 7	700	1000		
		4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak	-6	.000 No.	40	50	60 Freq MHz	70 8	Read	ling el	(мнг Corre Facto dB	ct N	leasu ment JBuV/m	300 re- t	40 Lim	o iit	500	600 7 ∨er 18	700 Def	1000	or	
o observe aloz zribo obbo 40.00 -10.12 peak	4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak		5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak	-6	.000 No. 1	40	50	60 Freq MHz .942(70 Bi	e Read Levi dBu	ling el V	(мнг Corre Facto dB 17.01	et N	1easu ment 1BuV/m 23.72	300 re- t	40 Lim 40.0	o iit 0	500 0' -1E	600 7 ∨er 18 3.28	Det	1000	or C	
4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak		5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak		-6	.000 No. 1	40 Mk	50 50	60 Freq MHz .942(70 B	• Read Levi dBu 6.7	ling el IV 71	(мнг Corre Facto dB 17.01 18.4	et N	1easu ment 18uV/m 23.72 24.64	300 re- t	40 Lim 40.0 43.5	o nit 0	500 0 -18 -18	600 7 ∨er 18 3.28 3.86	Det	1000 tecto eak	or C	
	5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak		6 * 942.1305 6.46 30.91 37.37 46.00 -8.63 peak	-6	.000 No. 1 2 3	40 Mk	50 50 178	60 Freq MHz .9420 .132		• Read Lev dBu 6.7 6.1	ling el IV 71 17 32	(мнг Согге Facto dB 17.01 18.41 21.56	ct N or	1easu ment 18uV/m 23.72 24.64 30.88	300 re- t	40 Lim 40.0 43.5 46.0	o nit 0 0	500 0. -16 -18 -15	600 7 Ver 18 3.28 3.86 5.12	Def pr	1000 tecto eak eak	or ;	
5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak		6 * 942.1305 6.46 30.91 37.37 46.00 -8.63 peak		-6	.000 No. 1 2 3 4	40 Mk	50 50 178 383	60 Freq MHz .9420 .132 .9318 .1963	70 B	• Read Lev dBu 6.7 6.1 9.3 5.8	ling el 71 17 32	(мнг Согге Facto dB 17.01 18.41 21.56 26.05	ct N or	1easu ment 18uV/m 23.72 24.64 30.88 31.98	300 re- t }	40.0 43.5 46.0	iit 0 0 0	500 -18 -18 -15 -12	600 7 Ver 18 3.28 3.86 5.12 4.02	Def	1000 tecto eak eak eak		
a abataato ataz zituu abtoo 40.00 -10.12 beak		4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak	4 440.1963 5.89 26.09 31.98 46.00 -14.02 peak 5 729.3583 7.85 27.91 35.76 46.00 -10.24 peak	-6	.000	40	50	60	70 8	o Read	ling	(MHz Corre	t N	leasu	300 re-	40	0	500	600 7			0.0	00

RESULT: Pass

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.



UT Name	Smart Watch	n	Mod	el Name	X20	
emperature	21.6 ℃		Rela	tive Humidity	60.1%	
Pressure	960hPa		Test	Voltage	DC 3.8	V by battery
est Mode	Mode 7		Ante	nna Polarity	Horizo	ntal
	·		·		·	
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4804.000	46.43	0.08	46.51	74	-27.49	peak
4804.000	37.68	0.08	37.76	54	-16.24	AVG
7206.000	41.75	2.21	43.96	74	-30.04	peak
7206.000	33.12	2.21	35.33	54	-18.67	AVG
Remark:						
	nna Factor + Cable	e Loss – Pre-	amplifier.			
	nna Factor + Cable Smart Watch			el Name	X20	
Factor = Anter			Mode	el Name tive Humidity	X20 60.1%	
Factor = Anter	Smart Watch		Mode		60.1%	V by battery
Factor = Anter UT Name emperature Pressure	Smart Watch 21.6°C		Mod Rela Test	tive Humidity	60.1%	
Factor = Anter	Smart Watch 21.6°C 960hPa Mode 7	1	Mode Rela Test Ante	tive Humidity Voltage nna Polarity	60.1% DC 3.8 Vertica	
Factor = Anter	Smart Watch 21.6°C 960hPa Mode 7 Meter Reading	Factor	Mode Rela Test Ante Emission Level	tive Humidity Voltage nna Polarity	60.1% DC 3.8 Vertica Margin	
Factor = Anter	Smart Watch 21.6°C 960hPa Mode 7 Meter Reading (dBµV)	Factor (dB)	Mode Rela Test Ante Emission Level (dBµV/m)	tive Humidity Voltage nna Polarity Limits (dBµV/m)	60.1% DC 3.8 Vertica Margin (dB)	l Value Type
Factor = Anter	Smart Watch 21.6°C 960hPa Mode 7 Meter Reading (dBµV) 45.96	Factor (dB) 0.08	Mode Rela Test Ante Emission Level (dBµV/m) 46.04	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74	60.1% DC 3.8 Vertica Margin (dB) -27.96	l Value Type peak
Factor = Anter	Smart Watch 21.6 ℃ 960hPa Mode 7 Meter Reading (dBµV) 45.96 37.12	Factor (dB) 0.08 0.08	Mode Rela Test Ante Emission Level (dBµV/m) 46.04 37.2	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54	60.1% DC 3.8 Vertica Margin (dB) -27.96 -16.8	l Value Type peak AVG
Factor = Anter	Smart Watch 21.6°C 960hPa Mode 7 Meter Reading (dBµV) 45.96 37.12 40.99	Factor (dB) 0.08 0.08 2.21	Моф Rela Тest Ante Еmission Level (dBµV/m) 46.04 37.2 43.2	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74	60.1% DC 3.8 Vertica Margin (dB) -27.96 -16.8 -30.8	l Value Type peak
Factor = Anter	Smart Watch 21.6 ℃ 960hPa Mode 7 Meter Reading (dBµV) 45.96 37.12	Factor (dB) 0.08 0.08	Mode Rela Test Ante Emission Level (dBµV/m) 46.04 37.2	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54 74	60.1% DC 3.8 Vertica Margin (dB) -27.96 -16.8	l Value Type peak AVG peak
Factor = Anter	Smart Watch 21.6°C 960hPa Mode 7 Meter Reading (dBµV) 45.96 37.12 40.99	Factor (dB) 0.08 0.08 2.21	Моф Rela Тest Ante Еmission Level (dBµV/m) 46.04 37.2 43.2	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74 54 74	60.1% DC 3.8 Vertica Margin (dB) -27.96 -16.8 -30.8	l Value Type peak AVG peak

Radiated Emissions Test Results Above 1GHz

RESULT: Pass



Radiated Emission	s Test Results for Above 1GHz	

EUT	Name		Smart Wa	itch		Mode	el Name		X20		
Tem	perature		21.6 ℃			Relat	tive Humio	dity	60.1%		
Pres	sure		960hPa			Test Voltage			DC 3.8	3V by batter	у
Test	Attenna Polarity Horizontal										
	Frequenc	y I	Meter Reading	Factor	Emissior	n Level	Limits		Margin	Value Typ	
	(MHz)		(dBµV)	(dB)	(dBµ∖	//m)	(dBµV/m))	(dB)		be
	4882.000)	46.78	0.14	46.9)2	74	,	-27.08	peak	
	4882.000)	38.25	0.14	38.3	39	54		-15.61	AVG	
	7323.000)	41.46	2.36	43.8	32	74		-30.18	peak	
	7323.000)	34.19	2.36	36.5	55	54		-17.45	AVG	
1 [
-	Remark:										
	Factor = A	ntenna	Factor + C	able Loss – P	re-amplifier.		-				
EUT	Name		Smart Wa	itch		Mode	el Name		X20		
Tem	perature		21.6 ℃			Relat	tive Humid	dity	60.1%	•	
Pres	essure 960		960hPa	960hPa		Test	Voltage		DC 3.8	3V by batter	у
Test	st Mode Mode 8		Mode 8			Ante	nna Polar	ity	Vertica	al	
			<u> </u>	-	T						l
Fr	requency		Reading	Factor	Emission Leve		Limits	Margi		Value Type	
	(MHz)	· ·	dBμV)	(dB)	(dBµV/m)	(0	dBµV/m)	(dB)		naal	
	882.000		15.11	0.14	45.25		74	-28.7		peak	
	882.000		37.24	0.14	37.38		54	-16.6		AVG	
	323.000		10.96	2.36	43.32		74	-30.6		peak AVG	
	323.000	3	33.72	2.36	36.08		54	-17.9	2	AVG	
Rem	nark:										
		na Fac	tor + Cable	Loss – Pre-a	mplifier.						
											l

RESULT: Pass



Radiated Emissions Test Results for Above 1GHz

EUT Name	Smart Watch		Model	Name	X20	
Temperature	21.6 ℃		Relativ	ve Humidity	60.1%	
Pressure	960hPa		Test V	oltage	DC 3.8V	by battery
Test Mode	Mode 9		Anten	na Polarity	Horizont	al
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4960.000	46.39	0.22	46.61	74	-27.39	peak
4960.000	38.85	0.22	39.07	54	-14.93	AVG
7440.000	41.43	2.64	44.07	74	-29.93	peak
7440.000	32.63	2.64	35.27	54	-18.73	AVG
Remark: Factor = Anter	nna Factor + Cable	e Loss – Pre-	amplifier.			-
Factor = Anter	nna Factor + Cable	e Loss – Pre-		Name	X20	
Factor = Anter		e Loss – Pre-	Model	Name ve Humidity	X20 60.1%	
	Smart Watch	e Loss – Pre-	Model	ve Humidity	60.1%	by battery
Factor = Anter EUT Name Temperature Pressure	Smart Watch 21.6°C	e Loss – Pre-	Model Relativ Test V	ve Humidity	60.1%	by battery
Factor = Anter EUT Name Temperature Pressure	Smart Watch 21.6℃ 960hPa	E Loss – Pre-	Model Relativ Test V	ve Humidity oltage	60.1% DC 3.8V	
Factor = Anter EUT Name Temperature Pressure Test Mode	Smart Watch 21.6°C 960hPa Mode 9		Model Relativ Test V Anten	ve Humidity oltage na Polarity	60.1% DC 3.8V Vertical	by battery Value Type
Factor = Anter	Smart Watch 21.6°C 960hPa Mode 9	Factor	Model Relativ Test V Anten Emission Level	ve Humidity foltage na Polarity Limits	60.1% DC 3.8V Vertical	
Factor = Anter	Smart Watch 21.6℃ 960hPa Mode 9 Meter Reading (dBµV)	Factor (dB)	Model Relativ Test V Anten Emission Level (dBµV/m)	ve Humidity oltage na Polarity Limits (dBµV/m)	60.1% DC 3.8V Vertical Margin (dB)	Value Type
Factor = Anter EUT Name Temperature Pressure Test Mode Frequency (MHz) 4960.000	Smart Watch 21.6 °C 960hPa Mode 9 Meter Reading (dBµV) 46.12	Factor (dB) 0.22	Model Relativ Test V Anten Emission Level (dBµV/m) 46.34	ve Humidity oltage na Polarity Limits (dBµV/m) 74	60.1% DC 3.8V Vertical Margin (dB) -27.66	Value Type peak
Factor = Anter EUT Name Temperature Pressure Test Mode Frequency (MHz) 4960.000 4960.000	Smart Watch 21.6°C 960hPa Mode 9 Meter Reading (dBµV) 46.12 38.25	Factor (dB) 0.22 0.22	Model Relativ Test V Anten Emission Level (dBµV/m) 46.34 38.47	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	60.1% DC 3.8V Vertical Margin (dB) -27.66 -15.53	Value Type peak AVG

RESULT: Pass

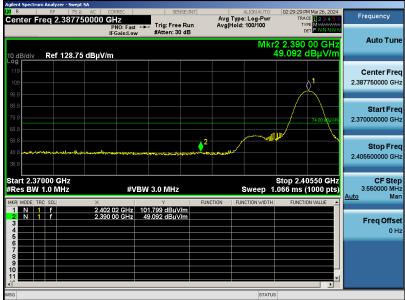
Note:

- 1. The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
- 2. Factor = Antenna Factor + Cable loss Pre-amplifier gain, Margin = Emission Level-Limit.
- 3. The "Factor" value can be calculated automatically by software of measurement system.

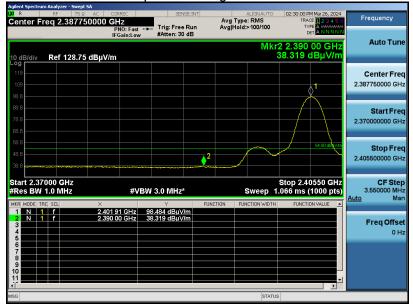


EUT Name	Smart Watch	Model Name	X20
Temperature	25 ℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 7	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: Pass



EUT Name	Smart Watch	Model Name	X20
Temperature	25 ℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 7	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

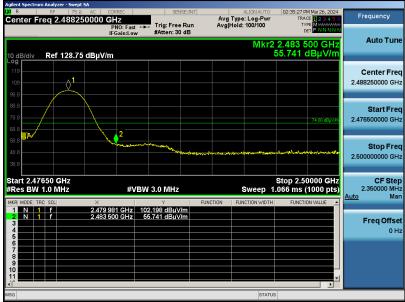


RESULT: Pass



EUT Name	Smart Watch	Model Name	X20
Temperature	25 ℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 9	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: Pass



EUT Name	Smart Watch	Model Name	X20
Temperature	25 ℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 9	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: Pass

Note: The factor had been edited in the "Input Correction" of the Spectrum Analyzer.



10. Number of Hopping Frequency Measurement

10.1 Provisions Applicable

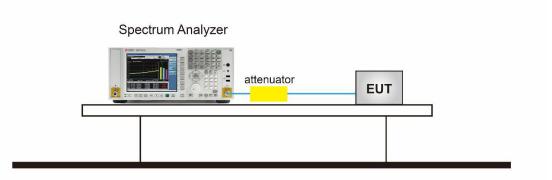
This frequency hopping system must employ a minimum of 15 hopping channels.

10.2 Measurement Procedure

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- 1. Span = The frequency band of operation. Depending on the number of channels the device
- 2. supports, it may be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.
- 3. RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.
- 4. VBW \geq RBW
- 5. Sweep time = Auto couple
- 6. Detector = Peak
- 7. Trace mode = Max hold
- 8. Allow the trace to stabilize

10.3 Measurement Setup (Block Diagram of Configuration)



10.4 Measurement Result

Test Data of Number of Hopping Frequency					
Test Mode	Number of Hopping Frequency	Limits	Pass or Fail		
8DPSK Hopping	79	>=15	Pass		



Center Freq 2.441750000 GF	NO: Fast ↔ Gain:Low	#Atten: 40 db	un	Avg Type Avg Hold:	100/100	TRAC TYP DE 1 2.453	4Mar 26, 2024 E 1 2 3 4 5 6 M	Cen	ito Tune iter Freq 0000 GHz
10 dB/div Ref 30.00 dBm				1	Mkr	1 2.453 5.1	91 GHz 59 dBm	Cen	iter Freq
20.0	home have been here and a			1					
	Marinh			<u> </u>					
0.00 MANNAL MARCH MARCH MARCH	···· • • • • • • • • • • • • • • • • •	arli (MAM)	Varadap	K A AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Mhurur h	$\sim_{\rm rel}/{\rm rel}/{\rm$	Angan		a rt Freq 0000 GHz
-10.0									t op Freq 0000 GHz
-30.0							(CF Step 0000 MHz Man
.50.0							<u></u> ,	Fre	q Offset 0 Hz
-60.0									
Center 2.44175 GHz #Res BW 200 kHz	#VBW	620 kHz		ę	Sweep 1.	Span 8 998 ms (3.50 MHz 1000 pts)		
Test_Graph_E					STATUS				

Test Graphs of Number of Hopping Frequency

Note: The 8DPSK modulation is the worst case and recorded in the report.



11. Time of Occupancy (Dwell Time) Measurement

11.1 Provisions Applicable

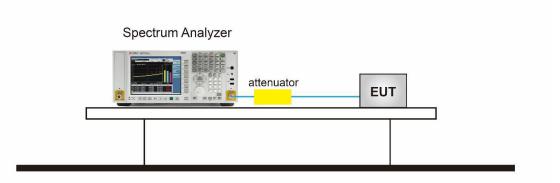
The maximum permissible time of occupancy is 400ms within a period of 400ms multiplied by the number of hopping channels employed.

11.2 Measurement Procedure

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- 1. Span = Zero span, centered on a hopping channel.
- 2. RBW shall be \leq channel spacing and where possible RBW should be set >> 1 / T, where T is the expected dwell time per channel.
- 3. VBW \geq RBW
- 4. Sweep time = As necessary to capture the entire dwell time per hopping channel
- 5. Detector = Peak
- 6. Trace mode = Free Run
- 7. Use the marker-delta function to determine the transmit time per hop. If this value varies with different modes of operation (data rate, modulation format, number of hopping channels, etc.), then repeat this test for each variation in transmit time. An oscilloscope may be used instead of a spectrum analyzer. The EUT shall show compliance with the appropriate regulatory limit for the number of hopping channels. A plot of the data shall be included in the test report.

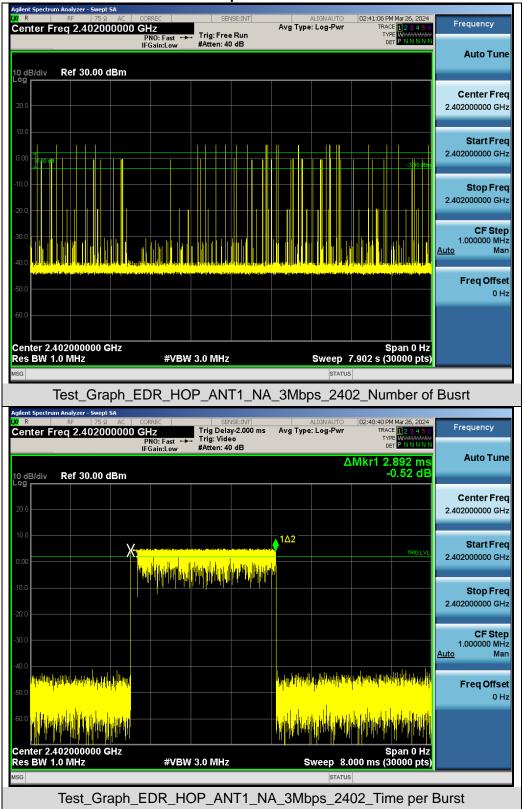
11.3 Measurement Setup (Block Diagram of Configuration)



11.4 Measurement Result

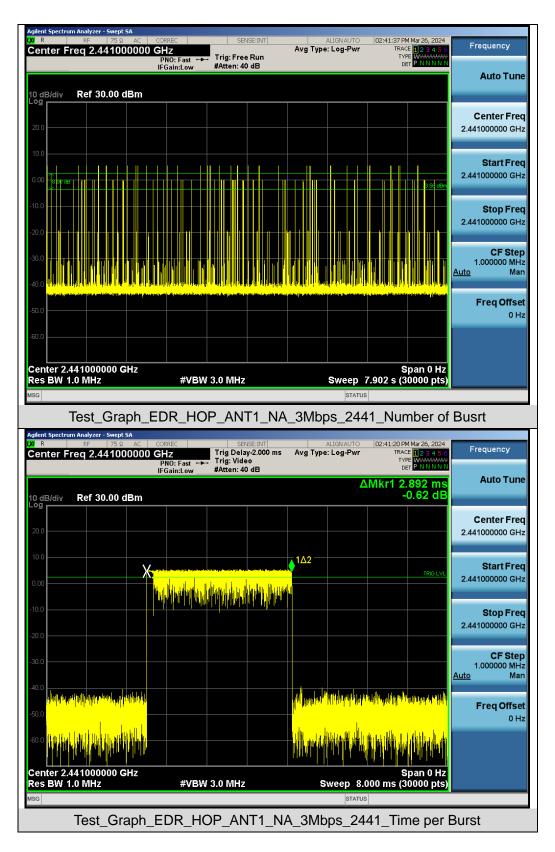
Test Data of Dwell Time						
Channel	Time of Pulse for 3DH5 (ms)	Number of hops in the period specified in the requirements	Dwell Time (ms)	Limit (ms)	Pass or Fail	
2402	2.892	24.0*4	277.632	400	Pass	
2441	2.892	34.0*4	393.312	400	Pass	
2480	2.892	25.0*4	289.200	400	Pass	



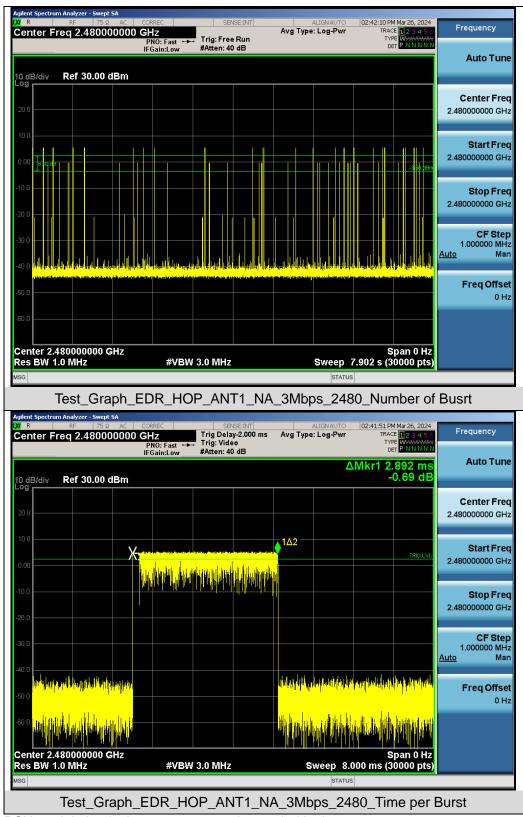


Test Graphs of Dwell Time









Note: The 8DPSK modulation is the worst case and recorded in the report.



12. Frequency Separation Measurement

12.1 Provisions Applicable

When the power is less than 0.125W: The minimum permissible channel separation for this system is 2/3 the value of the 20dB BW.

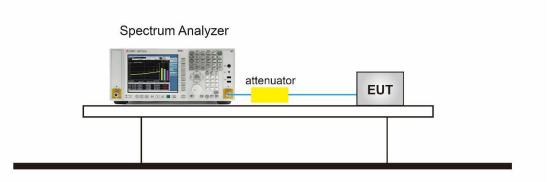
When the power is less than 1W: The minimum permissible channel separation for this system is 20dB BW.

12.2 Measurement Procedure

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

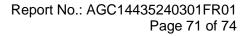
- 1. Span: Wide enough to capture the peaks of two adjacent channels.
- 2. RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.
- 3. Video (or average) bandwidth (VBW) \geq RBW.
- 4. Sweep: Auto.
- 5. Detector function: Peak.
- 6. Trace: Max hold. g) Allow the trace to stabilize.
- 7. Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

12.3 Measurement Setup (Block Diagram of Configuration)

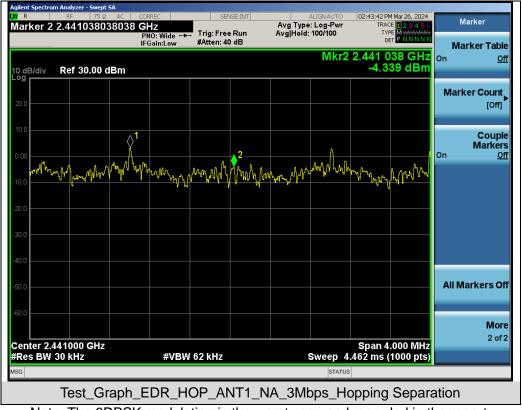


12.4 Measurement Result

Test Data of Frequency Separation					
Test Mode	Channel Separation (MHz)	Limits (MHz)	Pass or Fail		
8DPSK Hopping	1.033	0.634	Pass		







Test Graphs of Number of Hopping Frequency

Note: The 8DPSK modulation is the worst case and recorded in the report.



13. AC Power Line Conducted Emission Test

13.1 Measurement Limit

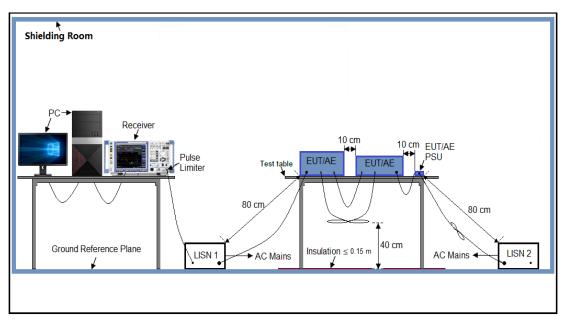
Frequency	Maximum RF Line Voltage			
Frequency	Q.P. (dBµV)	Average (dBµV)		
150kHz~500kHz	66-56	56-46		
500kHz~5MHz	56	46		
5MHz~30MHz	60	50		

Note:

1. The lower limit shall apply at the transition frequency.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

13.2 Measurement Setup (Block Diagram of Configuration)





13.3 Preliminary Procedure of Line Conducted Emission Test

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipment received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received DC 5V power from adapter which received AC120V/60Hz power from a LISN.
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

13.4 Final Procedure of Line Conducted Emission Test

- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less – 2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- 3. The test data of the worst case condition(s) was reported on the Summary Data page.

13.5 Measurement Results

N/A

Note: The BT function cannot transmit when charging.



Report No.: AGC14435240301FR01 Page 74 of 74

Appendix I: Photographs of Test Setup

Refer to the Report No.: AGC14435240301AP02

Appendix II: Photographs of Test EUT

Refer to the Report No.: AGC14435240301AP03

-----End of Report-----



Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").

2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.

3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.

4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.

5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.

6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.

7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.

8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.

9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.