

Page 1 of 52

Report No.: HK2502110488-2E

FCC Test Report

Test Report On Behalf of AOZORA WIRELESS INC. For Rugged Tablet Model No.: K8 Active, K8

FCC ID: 2BNQ8-K8ACTIVE

Prepared For:

AOZORA WIRELESS INC.

8605 Santa Monica Blvd 30327, West Hollywood California 90069 United States

Prepared By:

Shenzhen HUAK Testing Technology Co., Ltd.

1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

 Date of Test:
 Feb. 11, 2025 ~ Mar. 24, 2025

 Date of Report:
 Mar. 24, 2025

 Report Number:
 HK2502110488-2E

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Test Result Certification

Applicant's Name:	AOZORA WIRELESS INC.
Address:	8605 Santa Monica Blvd 30327, West Hollywood California 90069 United States
Manufacturer's Name:	AOZORA WIRELESS INC.
Address:	8605 Santa Monica Blvd 30327, West Hollywood California 90069 United States
Product Description	
Trade Mark	AOZORA
Product Name:	Rugged Tablet
Model and/or Type Reference:	K8 Active, K8
	47 CFR FCC Part 15 Subpart C 15.247
Standards	KDB 558074 D01 15.247 Meas Guidance v05r02
	ANSI C63.10: 2013

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Date (s) of Performance of Tests:	Feb. 11, 2025 ~ Mar. 24, 2025
Date of Issue	Mar. 24, 2025
Test Result:	Pass

Testing Engineer

RM

Len Liao

Technical Manager

Sliver Wan

Authorized Signatory

Jason Zhou

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Contents

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1 T	est Summary		C HUAN	O Hor
1.1	Test Description			
1.2	Measurement Uncertainty			
AKTESTIN	-6)"			
1.3	Information of the Test Laboratory			- Huller
2 G	eneral Information			
2.1	General Description of EUT	ANT TESTING	O HUAN	LOX TESTING
2.2	Description of Test Conditions			
2.3	Description of Test Setup		ALTESTIN.	
2.4	Description of Support Units		HD	
3E	quipments List for All Test Items			
	est Result			
4.1	Antenna Requirement			
4.1	Conduction Emissions Measuremen	-+	WK TESTOR	
4.2	Radiated Emissions Measurement			
	Maximum Output Power Measurement.			
4.4	Power Spectral Density			
4.5	6dB Bandwidth			
4.6				
4.7	Occupied Bandwidth			
4.8	Band Edge			
4.9	Conducted Spurious Emissions	A TIGOT MUNATES	what they have	
5 T	est Setup Photos		<u></u>	
6 P	hotos of the EUT			

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Т 691

** Modified History **

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	Mar. 24, 2025	Jason Zhou
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1 Test Summary

1.1 Test Description

y TES'	TES'	V TES
Test Item	Test Requirement	Result
Antenna Requirement	§15.203/§15.247(b)(4)	PASS
Conducted Emission	FCC Part 15.207	PASS
Radiated Emissions	FCC Part 15.205/15.209	PASS
Maximum Peak Output Power	FCC Part 15.247(b)	PASS
Power Spectral Density	FCC Part 15.247(e)	PASS
6dB Bandwidth & 99% Bandwidth	FCC Part 15.247(a)(2)	PASS
Spurious RF Conducted Emission	FCC Part 15.247(d)	PASS
Band Edge	FCC Part 15.247(d)	PASS

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1.2 Measurement Uncertainty

All measurements involve certain levels of uncertainties. The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device. The maximum value of the uncertainty as below:

No.	Item	Uncertainty
HI W TES	Conducted Emission Test	±2.71dB
2	All emissions, radiated(<1G)	±3.90dB
3	All emissions, radiated(>1G)	±4.28dB

1.3 Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd. Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01. FCC Designation Number is CN1229. Canada IC CAB identifier is CN0045. CNAS Registration Number is L9589.

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2 General Information

2.1 General Description of EUT

EUT Name:	Rugged Tablet	- WARTES
Model No:	K8 Active	0.0
Series Model:	K8	TESTING
Model Difference:	to a second second	vare and electric circuit are the d different. Test sample mode:
Trade Mark:	AOZORA	HUAR .
Operation Frequency:	2402 MHz to 2480 MHz	HUAKTEST
Channel Separation:	2MHz	Ø. Ø
Number of Channel:	40	
Modulation Technology:	GFSK	TESTING
Hardware Version:	V2.0	HUNK
Software Version:	V2.0	
Antenna Type:	FPC Antenna	WAKTESTIN
Antenna Gain:	2.67dBi	O HO WAX TEST
Power Supply:	DC 5V from Type-C or DC 3.86	SV from Battery
Nete	TED	TES

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2. Antenna gain Refer to the antenna specifications.

3. The cable loss data is obtained from the supplier.

4. The test results in the report only apply to the tested sample.

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ыG	TING HUAN	Description o	f Channel	JAK	IG TING
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	14	2430	28	2458
STAT	2404	15	2432	29	2460
2	2406	16	2434	30	2462
3	2408	17	2436	31	2464
4	2410	18	2438	32	2466
5	2412	19	2440	33	2468
6	2414	20	2442	34	2470
7	2416	21	2444	35	2472
8	2418	22	2446	36	2474
9	2420	23	2448	37	2476
10	2422	24	2450	38	2478
TEST 11	2424	25	2452	39	2480
12	2426	26	2454		C Rom
13	2428	27	2456		

The EUT has been operated in modulations: GFSK independently.

No			Т	est Mode Description		
TESTI		TESTING O	TESTING	Low channel TX	TESTING	KTESTING O
2	O HOM		HUAN C	Middle channel TX	HUAN	DHOM
3				High channel TX		
Note:		.6	-6	.0	.6	.0

1. All the test modes can be supply by serial port, only the result of the worst case was recorded in the report if no any records.

2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.

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Page 9 of 52



2.2 Description of Test Conditions

(1) E.U.T. test conditions:

For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage. For battery operated equipment, the equipment tests shall be performed using a new battery.

- (2) Frequency range of radiated measurements:The test range will be up to the tenth harmonic of the highest fundamental frequency.
- (3) Pre-test the EUT in all transmitting mode at the lowest (2402 MHz), middle (2440 MHz) and highest (2480 MHz) channel with different data packet and conducted to determine the worst-case mode, only the worst-case results are recorded in this report.
- (4) Mode Test Duty Cycle

1M

Mode	Duty Cycle	Duty Cycle Factor (dB)	
BT-LE(1Mbps)	0.86	-0.68	

x RL Center	Freq	50 Q 2.440000	0000 GH	Z O: Fast ain:Low		SENSE:IN g Delay-2.0 g: Video ten: 20 dB		#Avg Ty	ALIGNAUTO	TRAC	M Feb 19, 2025 CE 123456 PE WAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Frequency
10 dB/di		Offset 8.64 f 15.00 dl							Δ		.500 ms 0.07 dB	Auto Tur
5.00 -5.00 -15.0					¢ ¹					2Δ1		Center Fre 2.440000000 Gi
-25.0 -35.0 -45.0				Warna	"J					girenness		Start Fre 2.440000000 Gi
-65.0 -75.0												Stop Fre 2.440000000 Gi
Res BV	V 8 MH			#VE	3W 8.0				Sweep 5	.000 ms (CF Ste 8.000000 MI Auto M
MKR MODE 1 Ν 2 Δ1 3 Δ1 4 5	1 t 1 t		2.14	30 ms 10 ms (10 ms (-7 	7.63 dBm 13.56 dB 0.07 dB	FUNC	TION FL	INCTION WIDTH	FUNCTIO	DN VALUE	Freq Offs
6 7 8 9												

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Т 691

2M

Contraction of the second seco	Olar-Olar	400 V	
Mode	Duty Cycle	Duty Cycle Factor (dB)	
BT-LE(1Mbps)	0.85	-0.70	
TED	TED	TED	



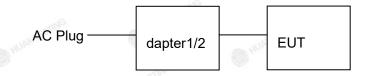
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2.3 Description of Test Setup

Operation of EUT during conducted testing and below 1GHz radiation testing:



Operation of EUT during above1GHz radiation testing:

EUT

The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. The worst case is X position.

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2.4 Description of 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.

	Item	Equipment	Trade Mark	Model/Type No.	Specification	Note
10	1	Rugged Tablet	AOZORA	K8 Active	N/A	EUT
3	2	Adapter1	N/A	N/A	Input: AC100-240V, 50/60Hz, 0.75A Output: 5V 2A	Peripheral
	3	Adapter2	N/A	MDY-10-EH	Input: 100-240VAC, 50/60Hz, 0.7A Output: 5V 3A/9V 3A/12V 2.25A/20V 1.35A	Peripheral
				.C.		

Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
- 3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

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3 Equipments List for All Test Items

ltem	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	L.I.S.N.	R&S	ENV216	HKE-002	2024/02/20	1 Year
2	L.I.S.N.	R&S	ENV216	HKE-059	2024/02/20	1 Year
3	EMI Test Receiver	R&S	ESR	HKE-005	2024/02/20	1 Year
4	Spectrum analyzer	Agilent	N9020A	HKE-025	2024/02/20	1 Year
5	Spectrum analyzer	R&S	FSV3044	HKE-126	2024/02/20	1 Year
6	Preamplifier	EMCI	EMC051845S	HKE-006	2024/02/20	1 Year
7	Preamplifier	Schwarzbeck	BBV 9743	HKE-016	2024/02/20	1 Year
8	Preamplifier	A.H. Systems	SAS-574	HKE-182	2024/02/20	1 Year
9	6dB Attenuator	Pasternack	6db	HKE-184	2024/02/20	1 Year
10	EMI Test Receiver	Rohde & Schwarz	ESR-7	HKE-010	2024/02/20	1 Year
11	Broadband Antenna	Schwarzbeck	VULB9168	HKE-167	2024/02/21	2 Year
12	Loop Antenna	COM-POWER	AL-130R	HKE-014	2024/02/21	2 Year
13	Horn Antenna	Schwarzbeck	9120D	HKE-013	2024/02/21	2 Year
14	EMI Test Software	Tonscend	JS32-CE 2.5.0.6	HKE-081	AUNTEST	1
15	EMI Test Software	Tonscend	JS32-RE 5.0.0	HKE-082	/	/
16	RF Automatic control unit	Tonscend	JS0806-2	HKE-060	2024/02/20	1 Year
17	High pass filter unit	Tonscend	JS0806-F	HKE-055	2024/02/20	1 Year
18	Wireless Communication Test Set	R&S	CMU200	HKE-026	2024/02/20	1 Year
19	Wireless Communication Test Set	R&S	CMW500	HKE-027	2024/02/20	1 Year
20	High-low temperature chamber	Guangke	HT-80L	HKE-118	2024/06/10	1 Year
21	Temperature and humidity meter	Boyang	HTC-1	HKE-075	2024/06/10	1 Year
22	RF Test Software	Tonscend	JS1120-3 Version 3.3.23	HKE-083	1	1
23	10dB Attenuator	Schwarzbeck	VTSD9561F	HKE-153	2024/02/20	1 Year
24	RSE Test Software	Tonscend	JS36-RSE 5.0.0	HKE-184	1	/

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		TESTIN		TESTIN		
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	L.I.S.N.	R&S	ENV216	HKE-002	2025/02/19	1 Year
2	L.I.S.N.	R&S	ENV216	HKE-059	2025/02/19	1 Year
3	EMI Test Receiver	R&S	ESR	HKE-005	2025/02/19	1 Year
4	Spectrum analyzer	Agilent	N9020A	HKE-025	2025/02/19	1 Year
5	Spectrum analyzer	R&S	FSV3044	HKE-126	2025/02/19	1 Year
6	Preamplifier	EMCI	EMC051845S	HKE-006	2025/02/19	³ 1 Year
7	Preamplifier	Schwarzbeck	BBV 9743	HKE-016	2025/02/19	1 Year
8	Preamplifier	A.H. Systems	SAS-574	HKE-182	2025/02/19	1 Year
9	6dB Attenuator	Pasternack	6db	HKE-184	2025/02/19	1 Year
10	EMI Test Receiver	Rohde & Schwarz	ESR-7	HKE-010	2025/02/19	1 Year
11	Broadband Antenna	Schwarzbeck	VULB9168	HKE-167	2024/02/21	2 Year
12	Loop Antenna	COM-POWER	AL-130R	HKE-014	2024/02/21	2 Year
13	Horn Antenna	Schwarzbeck	9120D	HKE-013	2024/02/21	2 Year
14	EMI Test Software	Tonscend	JS32-CE 2.5.0.6	HKE-081	1]
15	EMI Test Software	Tonscend	JS32-RE 5.0.0	HKE-082	AUAK TES	/
16	RF Automatic control unit	Tonscend	JS0806-2	HKE-060	2025/02/19	1 Year
17	High pass filter unit	Tonscend	JS0806-F	HKE-055	2025/02/19	1 Year
18	Wireless Communication Test Set	R&S	CMU200	HKE-026	2025/02/19	1 Year
19	Wireless Communication Test Set	R&S	CMW500	HKE-027	2025/02/19	1 Year
20	High-low temperature chamber	Guangke	HT-80L	HKE-118	2024/06/10) 1 Year
21	Temperature and humidity meter	Boyang	HTC-1	HKE-075	2024/06/10	1 Year
22	RF Test Software	Tonscend	JS1120-3 Version 3.3.23	HKE-083	/ HUAR	1
23	10dB Attenuator	Schwarzbeck	VTSD9561F	HKE-153	2025/02/19	1 Year
24	RSE Test Software	Tonscend	JS36-RSE 5.0.0	HKE-184	THE I HOP	TESTING

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4 Test Result

4.1 Antenna Requirement

4.1.1 Standard Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 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. And according to FCC 47 CFR Section 15.247, if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Refer to statement below for compliance.

The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

Antenna Connected Construction

The antenna used in this product is a FPC Antenna, need professional installation, not easy to remove. It conforms to the standard requirements. The directional gains of antenna used for transmitting is 2.67dBi.

4.1.2 EUT Antenna



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4.2 Conduction Emissions Measurement

4.2.1 Applied Procedures / Limit

According to FCC CFR Title 47 Part 15 Subpart C Section 15.207, AC Power Line Conducted Emissions Limits for Licence-Exempt Radio Apparatus as below:

G		Limit (dE	BuV)
AV. TESTING	Frequency range (MHz)	Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
13	0.5-5	56	46
	5-30	60	50

* Decreases with the logarithm of the frequency.

4.2.2 Test Procedure

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. 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 C63.10:2013.
- 2. Support equipment, if needed, was placed as per ANSI C63.10:2013.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10:2013.
- 4. The adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5. All support equipments received AC power from a second LISN, if any.
- 6. The EUT 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.

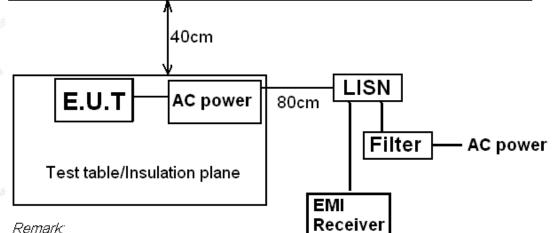
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4.2.3 Test Setup

Reference Plane



Remark: E.U.T: Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m

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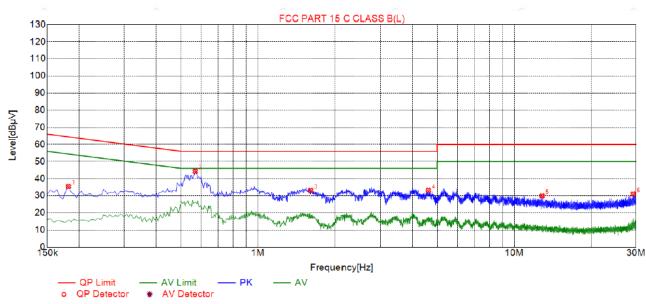


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4.2.4 Test Results

All modes have been tested, only the worst result was reported as below:





Sus	Suspected List											
NO.	Freq. [MHz]	Level [dBµV]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµV]	Detector	Туре				
1	0.1815	35.40	19.86	64.42	29.02	15.54	PK	L				
2	0.5685	44.27	19.86	56.00	11.73	24.41	PK	L				
3	1.6080	33.10	19.93	56.00	22.90	13.17	PK	L				
4	4.6140	33.19	20.10	56.00	22.81	13.09	PK	L				
5	12.8580	29.94	19.84	60.00	30.06	10.10	PK	L				
6	29.2290	30.98	20.24	60.00	29.02	10.74	PK	L				

Remark: Margin = Limit – Level

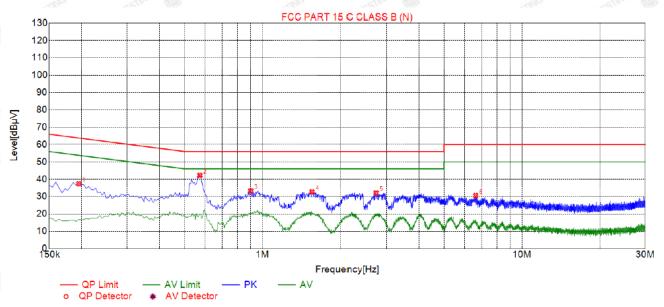
Correction factor = Cable lose + ISN insertion loss Level=Test receiver reading + correction factor

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Test Specification: Neutral



×	Suspected List										
2	NO.	Freq. [MHz]	Level [dBµV]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµV]	Detector	Туре		
3	1	0.1950	37.36	19.73	63.82	26.46	17.63	PK	Ν		
	2	0.5730	42.27	19.74	56.00	13.73	22.53	PK	Ν		
	3	0.9015	33.33	19.74	56.00	22.67	13.59	PK	Ν		
9	4	1.5540	32.79	19.80	56.00	23.21	12.99	PK	Ν		
	5	2.7330	32.13	19.92	56.00	23.87	12.21	PK	Ν		
Ŷ	6	6.6210	30.64	19.97	60.00	29.36	10.67	PK	N		

Remark: Margin = Limit – Level Correction factor = Cable lose + ISN insertion loss Level=Test receiver reading + correction factor

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4.3 Radiated Emissions Measurement

4.3.1 Applied Procedures / Limit

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emission out of authorized band shall not exceed the following table at a 3 meters measurement distance. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

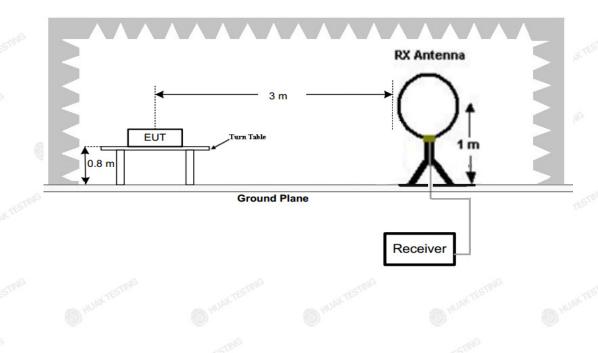
Except when the requirements applicable to a given device state otherwise, emissions from license-exempt transmitters shall comply with the field strength limits shown in table below. Additionally, the level of any transmitter emission shall not exceed the level of the transmitter's fundamental emission.

	Radi	ated emission limits	
Frequency (MHz)	Distance (Meters)	Radiated (dBµV/m)	Radiated (µV/m)
0.009-0.49	3	20log(2400/F(KHz))+40log(300/3)	2400/F(KHz)
0.49-1.705	3	20log(24000/F(KHz))+ 40log(30/3)	24000/F(KHz)
1.705-30	3	20log(30)+ 40log(30/3)	30
30-88	3 HUAK TES	40.0	100
88-216	3	43.5	150
216-960	3 STING	46.0	200
Above 960	3	54.0	500

4.3.2 Test Setup

Test Configuration:

1) 9 kHz to 30 MHz emissions:

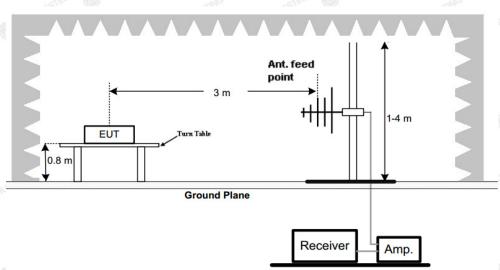


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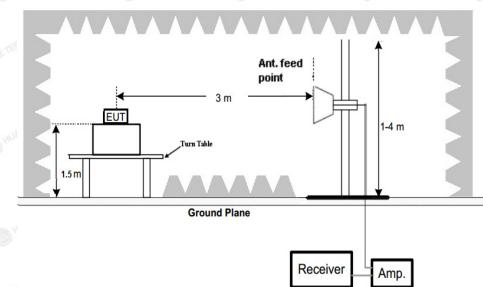
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2) 30 MHz to 1 GHz emissions:



3) 1 GHz to 25 GHz emissions:



Test Procedure

- 1. The EUT was placed on turn table which is 0.8m above ground plane for below 1GHz test, and on a low permittivity and low loss tangent turn table which is 1.5m above ground plane for above 1GHz test.
- 2. Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0 degrees to 360 degrees to acquire the highest emissions from EUT.
- 3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
 - 4. Repeat above procedures until all frequency measurements have been completed.

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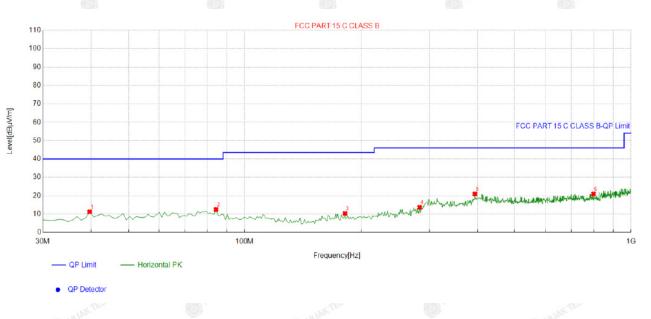


4.3.3 Test Result

Below 1GHz Test Results

All modes have been tested, only the worst mode of GFSK Low channel TX is reflected.

Antenna polarity: H



	Freq.	Factor	Reading	Level	Limit	Margin	Height	Angle	
NO.	[MHz]	[dB]	[dBµV/m]	[dBµV/m]	[dBµV/m]	[dB]	[cm]	[°]	Polarity
1	39.70971	-14.02	25.23	11.21	40.00	28.79	100	100	Horizontal
2	84.374374	-17.88	30.35	12.47	40.00	27.53	100	30	Horizontal
3	181.47147	-16.13	26.52	10.39	43.50	33.11	100	260	Horizontal
4	283.42342	-12.53	26.18	13.65	46.00	32.35	100	50	Horizontal
5	394.11411	-9.19	30.14	20.95	46.00	25.05	100	210	Horizontal
6	799.00900	-3.11	24.08	20.97	46.00	25.03	100	280	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

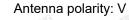
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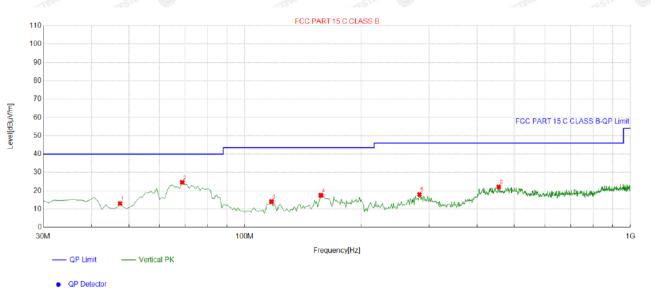
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Page 23 of 52

Report No.: HK2502110488-2E





Suspected List

		Freq.	Factor	Reading	Level	Limit	Margin	Height	Angle	
	Ο.	[MHz]	[dB]	[dBµV/m]	[dBµV/m]	[dBµV/m]	[dB]	[cm]	[°]	Polarity
	1	47.477477	-13.86	26.91	13.05	40.00	26.95	100	260	Vertical
	2	68.838839	-16.41	40.92	24.51	40.00	15.49	100	350	Vertical
;	3	117.38738	-16.02	30.10	14.08	43.50	29.42	100	30	Vertical
4	4	157.19719	-17.77	35.27	17.50	43.50	26.00	100	250	Vertical
	5	283.42342	-12.53	30.52	17.99	46.00	28.01	100	280	Vertical
	6	455.28528	-8.84	30.89	22.05	46.00	23.95	100	100	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Harmonics and Spurious Emissions

Frequency Range (9kHz-30MHz)

F	Frequency (MHz)	Level@)∂m (dBµV/m)	Limit@	ĝ3m (dBµV/m)
				ESTING	
TING	STING O HU	TING	STING OHO		NG- STING
NU TES	HUAK IL-	A HUAK TES.	HUAK IL	HUAKTES	HUAK IL
0	-	9	Y	0	

Note: 1. Emission Level=Reading+ Cable loss+ Antenna factor-Amp factor.

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement.

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FICATION

For 1GHz to 25GHz

CH Low (2402MHz)

Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
4804.00	54.51	-3.65	50.86	74.00	-23.14	peak
4804.00	39.25	-3.65	35.60	54.00	-18.40	AVG
7206.00	54.11	-0.95	53.16	74.00	-20.84	peak
7206.00	35.57	-0.95	34.62	54.00	-19.38	AVG

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	C HUAK TI
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4804.00	54.80	-3.65	51.15	74.00	-22.85	peak
4804.00	39.22	-3.65	35.57	54.00	-18.43	AVG
7206.00	54.86	-0.95	53.91	74.00	-20.09	peak
7206.00	36.42	-0.95	35.47	54.00	-18.53 [°]	AVG

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CH Middle (2440MHz)

Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4880.00	55.68	-3.54	52.14	74.00	-21.86	peak
4880.00	40.67	-3.54	37.13	54.00	-16.87	AVG
7320.00	54.05	-0.81	53.24	74.00	-20.76	peak
7320.00	34.66	-0.81	33.85	54.00	-20.15	AVG

Vertical:

Meter Reading	Factor	Emission Level	Limits	Margin	
(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
54.40	-3.54	50.86	74.00	-23.14	peak
38.86	-3.54	35.32	54.00	-18.68	AVG
55.74	-0.81	54.93	74.00	-19.07	peak
35.69	-0.81	34.88	54.00	-19.12	AVG
	Reading (dBµV) 54.40 38.86 55.74	Reading Factor (dBµV) (dB) 54.40 -3.54 38.86 -3.54 55.74 -0.81	Reading Factor Emission Level (dBµV) (dB) (dBµV/m) 54.40 -3.54 50.86 38.86 -3.54 35.32 55.74 -0.81 54.93	Reading Factor Emission Level Limits (dBμV) (dB) (dBμV/m) (dBμV/m) 54.40 -3.54 50.86 74.00 38.86 -3.54 35.32 54.00 55.74 -0.81 54.93 74.00	Reading Factor Emission Level Limits Margin (dBμV) (dB) (dBμV/m) (dBμV/m) (dB) (dB) 54.40 -3.54 50.86 74.00 -23.14 38.86 -3.54 35.32 54.00 -18.68 55.74 -0.81 54.93 74.00 -19.07

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CH High (2480MHz)

Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4960.00	55.92	-3.43	52.49	74.00	-21.51	peak
4960.00	41.50	-3.44	38.06	54.00	-15.94	AVG
7440.00	56.38	-0.77	55.61	74.00	-18.39	peak
7440.00	36.30	-0.77	35.53	54.00	-18.47	AVG
Remark: Factor /largin = Level-		+ Antenna fac	tor + Attenuator – Pr	eamplifier; Level	= Reading +	Factor;

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4960.00	56.44	-3.43	53.01	74.00	-20.99	peak
4960.00	39.31	-3.44	35.87	54.00	-18.13	AVG
7440.00	53.50	-0.77	52.73	74.00	-21.27	peak
7440.00	35.47	-0.77	34.70	54.00	-19.30	AVG

Remark:

(1) Measuring frequencies from 1 GHz to the 25 GHz.

(2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.

(3) * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.

(4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
(5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for peak measurement with peak detector at frequency above 1GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.

(6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.</p>
(7) All modes of operation were investigated and the worst-case emissions are reported.

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Radiated Band Edge Test:

Operation Mode: TX CH Low (2402MHz)

Horizontal (Worst case):

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2310.00	55.56	-5.81	49.75	74	-24.25	peak
2310.00	/	-5.81	Nor	54	1 🔍	AVG
2390.00	53.94	-5.84	48.1	74	-25.9	peak
2390.00	HUAK TEST	-5.84	ESTING / HUNK TEST	54	JUAN TESTIM	AVG
2400.00	56.03	-5.84	50.19	74	-23.81	peak
2400.00	/	-5.84	1	54	/	AVG

Margin = Level-Limit.

Vertical:						
Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2310.00	53.86	-5.81	48.05	74	-25.95	peak
2310.00	/	-5.81	7	54	/	AVG
2390.00	55.09	-5.84	49.25	74	-24.75	peak
2390.00	HUAKTET	-5.84	HUAN TES	54	AK TESTA	AVG
2400.00	54.28	-5.84	48.44	74	-25.56	peak
2400.00	TING	-5.84	1	54	1	AVG

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Operation Mode: TX CH High (2480MHz)

	,					
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2483.50	55.98	-5.81	50.17	74	-23.83	peak
2483.50	I I	-5.81	1	54	estimus /	AVG
2500.00	54.6	-6.06	48.54	74	-25.46	peak
2500.00	1	-6.06	/	54 some	1	AVG

Horizontal (Worst case)

Vertical:

Frequency	Meter Reading	Factor	Emission Level	ji Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2483.50	55.74	-5.81	49.93	74	-24.07	peak
2483.50	TESTINO	-5.81	WAX TESTING	54	/	AVG
2500.00	56.34	-6.06	50.28	74	-23.72	peak
2500.00		-6.06	/	54	/	AVG

Remark: All the other emissions not reported were too low to read and deemed to comply with FCC limit.

Remark:

1. If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

2. In restricted bands of operation, the spurious emissions below the permissible value more than 20dB.

3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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4.4 Maximum Output Power Measurement

4.4.1 Limit

The Maximum Peak Output Power Measurement is 30dBm.

4.4.2 Test Procedure

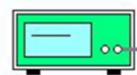
The maximum peak conducted output power may be measured using a broadband peak RF automatic control unit. The RF automatic control unit shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.

The maximum Average conducted output power may be measured using a wideband RF automatic control unit with a thermocouple detector or equivalent. The RF automatic control unit shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.

4.4.3 Deviation from Standard

No deviation.

4.4.4 Test Setup



RF automatic control unit

EUT

4.4.5 Test Results

Μ

Channel	Channel Frequency (Mhz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
Low	2402	-5.96		Pass
Middle	2440	-5.23	30.00	Pass
High	2480	-2.65	HUAKTES	Pass

Note: The test results including the cable loss.

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FICATION

2M

Channel	Channel Frequency (Mhz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
Low	2402	-5.90	CO HUAKTES	Pass
Middle	2440	-5.26	30.00	Pass
High	2480	-2.41	NUAK TE	Pass

Note: The test results including the cable loss.

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4.5 Power Spectral Density

4.5.1 Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

4.5.2 Test Procedure

Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.

Set the RBW =10 kHz.

Set the VBW =30 KHz. Set the span to 1.5 times the DTS channel bandwidth.

Detector = peak.

Sweep time = auto couple.

Trace mode = max hold.

Allow trace to fully stabilize.

Use the peak marker function to determine the maximum power level. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat. The resulting peak PSD level must be 8 dBm.

4.5.3 Deviation from Standard

No deviation.





SPECTRUM ANALYZER

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4.5.5 Test Results

1M

	23	ASIA HILL	915335	100	14
0	Channel	Channel frequency (MHz)	Result (dBm/10kHz)	10log (3/10)	Test Result (dBm/3kHz)
	Low	2402	-22.45	-5.23	-27.68
	Middle	2440	-21.80	-5.23	-27.03 🤍
	High	2480	-19.08	-5.23	-24.31
	Limit : 8dBm/3KHz				
ال	Test Result (dB	est Result (dBm/3kHz)= Result (dBm/10kHz)+10log (3/10)			
	Test Result	-STING	PA	SS some	<i>.</i>





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Page 33 of 52

Report No.: HK2502110488-2E

NG

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CH 19



CH 39



2M

	Channel	Channel frequency (MHz)	Result (dBm/10kHz)	10log (3/10)	Test Result (dBm/3kHz)
8	Low	2402	-24.92	-5.23	-30.15
	Middle	2440	-24.33	-5.23	-29.56
	High	2480	-21.49	-5.23	-26.72
	Limit : 8dBm/3KHz Test Result (dBm/3kHz)= Result (dBm/10kHz)+10log (3/10)				
	Test Result	st Result PASS			

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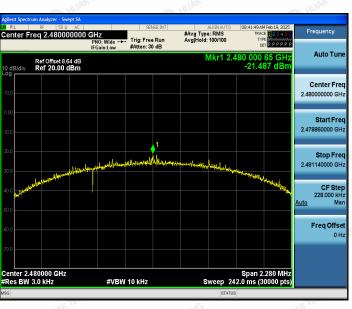


Page 34 of 52

Report No.: HK2502110488-2E







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4.6 6dB Bandwidth

4.6.1 Limit

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz.

4.6.2 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with RBW=100 KHz and VBW=300 KHz. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

- 1. Set RBW = 100 kHz.
- 2. Set the video bandwidth (VBW) \geq 3 RBW.
- 3. Detector = Peak.
- 4. Trace mode = max hold.
- 5. Sweep = auto couple.
- 6. Allow the trace to stabilize.

7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

4.6.3 Deviation from Standard

No deviation.

4.6.4 Test Setup

		HO.
		SPECTRUM
EUT		ANALYZER
6	STING	STAV

4.6.5 Test Result

1M

Channel	Channel frequency (MHz)	6dB Bandwidth (MHz)	Limit (KHz)	Result
Low	2402	0.692	NUAKTEST	Pass
Middle	2440	0.704	≥500	Pass
High	2480	0.688	O HOM	Pass

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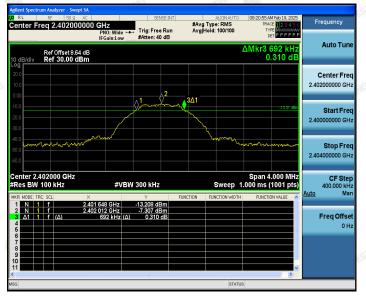
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Report No.: HK2502110488-2E

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CH 19



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C HUAN	O HUAN	O HUAN	O HUAN	O HUAN
Channel	Channel frequency (MHz)	6dB Bandwidth (MHz)	Limit (KHz)	Result
Low	2402	1.128	(<u>a</u>)	Pass
Middle	2440	1.360	≥500	Pass
High	2480	» 1.140 [®]	10.	Pass



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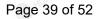






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K



4.7.1 Test Procedure

HUAK TESTING

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

RBW=1% to 5% of the OBW

VBW=approximately 3 X RBW

Detector=Peak

Trace Mode: Max Hold

Use the 99% power bandwidth function of the instrument to measure the Occupied Bandwidth and recorded.

4.7.2 Deviation from Standard

No deviation.

4.7.3 Test Setup

EUT

SPECTRUM ANALYZER

4.7.4 Test Result

N/A

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4.8 Band Edge

4.8.1 Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced 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 that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under FCC rules in section 5.8.1, the attenuation required shall be 30 dB instead of 20 dB.

4.8.2 Test Procedure

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. 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, RBW ≥ 1% of the span, VBW ≥ RBW, Sweep = auto, Detector function = peak, Trace = max hold.

4.8.3 Deviation from Standard

No deviation.

4.8.4 Test Setup



SPECTRUM ANALYZER

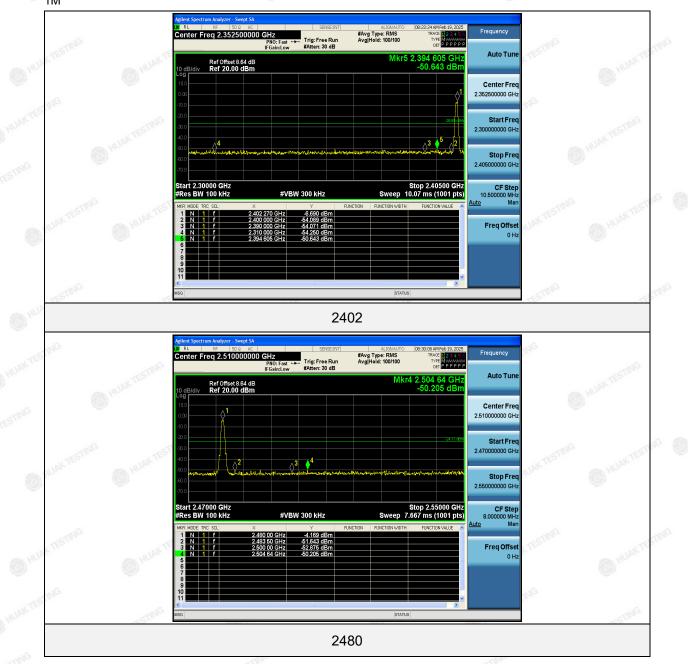
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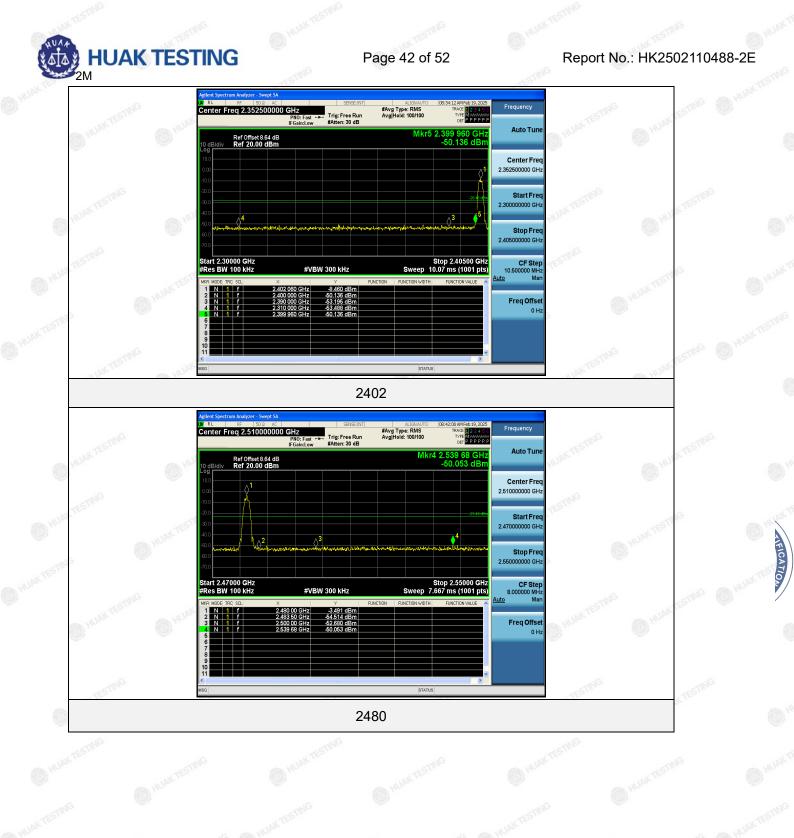
4.8.5 Test Results

PASS 1M



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4.9 Conducted Spurious Emissions

HUAK TESTING

4.9.1 Applied Procedures / Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced 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 that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under Section (b)(3) of RSS 5.4(4), the attenuation required shall be 30 dB instead of 20 dB. For below 30MHz, For 9KHz-150kHz,150K-10MHz, We use the RBW 1KHz,10KHz, So the limit need to calculated by "10lg(BW1/BW2)". For example For 9KHz-150kHz, RBW 1KHz, The Limit = the highest emission level-20-10log(100/1) = the highest emission level-40.

4.9.2 Test Procedure

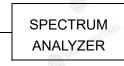
- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Span = wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products which fall outside of the authorized band of operation, RBW ≥ 1% of the span, VBW ≥ RBW, Sweep = auto, Detector function = peak, Trace = max hold.

4.9.3 Deviation from Standard

No deviation.

4.9.4 Test Setup





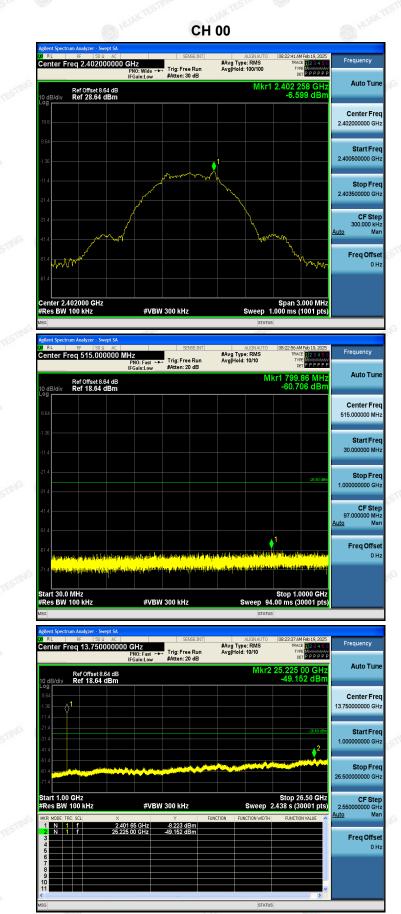
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4.9.5 Test Results

1M



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Frequency	08:26:20 AM Feb 19, 2025 TRACE 1 2 3 4 5 6 TYPE M DET P P P P P		#Avg T Avg He			z NO: Fast ↔→ Gain:Low		515.000		a Ri Cen			
Auto Tune	r1 984.22 MHz -60.989 dBm	Mkr1 9					Ref Offset 8.64 dB 0 dB/div Ref 18.64 dBm						
Center Freq 515.000000 MHz										og 8.64			
Start Freq 30.000000 MHz										.36 1.4			
Stop Freq 1.000000000 GHz	-26.12 dBn									21.4 31.4			
CF Step 97.000000 MHz Auto Man										1.4			
Freq Offset 0 Hz	ter se net sen and the fit of the sen of the	<mark>n per sul trabatas a</mark>	y athraite	ang ke dat	<mark>yı. Unutadı</mark>	ana dan salat	yina saalaraa	low Hallogo	and the state of t	51.4			
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	Stop 1.0000 GHz .00 ms (30001 pts)	weep 94		,	300 kHz	#VBW			30.0 M BW 10				

							1.253
Agilent Spectrum Analyzer - Swept SA							
XIRL RF 50Ω AC		SENSE:I		ALIGNAUTO	08:27:01 AM Fe		Frequency
Center Freq 13.7500000	100 GHz PN0: Fast ↔⊷	Trig: Free Ru		1 Type: RMS Hold: 10/10	TRACE TYPE	WANNAN	
	IFGain:Low	#Atten: 20 dB			DET	PPPPP	
				Mkr2	25.765 60	GHz	Auto Tune
Ref Offset 8.64 dB 10 dB/div Ref 18.64 dBm					-49.202		
Log							
8.64							Center Freq
-1.36							13.750000000 GHz
-11.4							
-21.4						-26.12 dBm	
31.4						-26.12 dBm	Start Freq
						_	1.00000000 GHz
-41.4						\ 2	
-51.4			-	a	Site of the state of the state	teritekin	Oton From
-61.4	A Purple A states			A CONTRACTOR OF A CONTRACT	March Mar		Stop Freq 26.50000000 GHz
-71.4							26.50000000 GHZ
Start 1.00 GHz					Stop 26.5	i0 GHz	CF Step
#Res BW 100 kHz	#VBW	300 kHz		Sweep :	2.438 s (300		2.550000000 GHz
MKR MODE TRC SCL X		Y	FUNCTION	FUNCTION WIDTH	FUNCTION V.	ALUE 🔼	<u>Auto</u> Man
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7							
8							
10							
11						×	
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100				STATUS			

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Т 691

CH 39



Agilent Spectrum Analyzer - Swept SA X RL RF 50 Q AC	SENSE:INT	ALIGNAUTO	08:30:38 AM Feb 19, 2025	Frequency
Center Freq 515.000000 MH	Z PNO: Fast →→→ Trig: Free Run FGain:Low #Atten: 20 dB	#Avg Type: RMS Avg Hold: 10/10	TRACE 23456 TYPE MMMMMM DET PPPPP	
Ref Offset 8.64 dB 10 dB/div Ref 18.64 dBm		M	r1 944.74 MHz -61.084 dBm	Auto Tune
8.64				Center Freq 515.000000 MHz
1.36				Start Freq 30.000000 MHz
31.4				Stop Freq 1.000000000 GHz
51.4				CF Step 97.000000 MHz <u>Auto</u> Man
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Start 30.0 MHz #Res BW 100 kHz	#VBW 300 kHz	Sweep 94	Stop 1.0000 GHz .00 ms (30001 pts)	

_														163
Agilen	ıt Spectru	um An	alyzer - Sw	ept SA										
LXI R		RF		AC			SENSE:INT		ALIGN/			4 Feb 19, 2025		
Cen	ter Fr	ea	13.750	000000			_		g Type: RM		TRAC	E 12345(E Middlewide		requency
					PNO: Fast		ree Run	Avg	Hold: 10/10		D	PPPPP		
	_				IFGain:Lo	W WAtten	. 20 40							Auto Tune
		Ref	Offset 8.	64 dB					N	lkr2	25.247	95 GHz		Auto Fune
<u>1</u> 0 dl	B/div		18.64								-48.5	78 dBm		
Log														
8.64		1												Center Freq
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												-23.06 dBm		
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-31.4													1.00	0000000 GHz
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-61.4					****		There is a series of the seri	And Person and Person	and the second division of the second divisio				26.50	0000000 GHz
-71.4	Ë.												20.00	0000000 GHz
	t 1.00										Stop 2	6.50 GHz		CF Step
#Re	sBW	100	kHz		#\	/BW 300 ki	z		Swe	ep 2	.438 s (3	0001 pts		0000000 GHz
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2	N 1	f		25.24	7 95 GHz	-48.578	dBm							
3		-								_				Freq Offset
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CH 00



Frequency	08:34:44 AM Feb 19, 2025 TRACE 2 3 4 5 6 TYPE M		#Avg T Avg Ho			z NO:Fast ↔ Gain:Low	0000 MH	RF 50 G eq 515.00	nter Fr
Auto Tune	(r1 860.00 MHz -61.066 dBm	Μ			in Recht 2	Gameow	64 dB	Ref Offset 8. Ref 18.64	dB/div
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Start Freq 30.000000 MHz									4
Stop Freq 1.000000000 GHz	-26.66 dBn								4
CF Step 97.000000 MHz Auto Man									4
Freq Offset 0 Hz	1 ¹ 71 Jan 1911 Anna Aribert & Statement	dana <mark>Manjah</mark> a	<mark>lan sangu</mark>	<mark>il mhalald</mark>	u-leve presta	ng dina gabin	A for toma to set up	ter	
	dekty Britistericeine instructure	<mark>A dispersion and a dispersion of the second second</mark>	an i jan i vir fila dal	an a	an a	i gini nanasi Manasari	^a n April 14 An	rakora (Hara	4 <mark>dunnelde</mark> r
	Stop 1.0000 GHz .00 ms (30001 pts)	weep 94			300 kHz	#VBV		VIHz 00 kHz	art 30.0 es BW

	1000		100		
Agilent Spectrum Analyzer - Swept RL RF 50 Q Center Freq 13.75000	AC	SENSE:INT	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10	08:35:25 AM Feb 19, 2025 TRACE 1 2 3 4 5 6 TYPE MMMMMM	Frequency
Ref Offset 8.64 10 dB/div Ref 18.64 dB	IFGain:Low	#Atten: 20 dB	Mkr2	25.235 20 GHz -49.023 dBm	Auto Tune
Log 8.64 -1.36 ↓ -11.4					Center Freq 13.750000000 GHz
-21.4				-26.66 dBm	Start Freq 1.000000000 GHz
-51.4 -51.4 -71.4					Stop Freq 26.50000000 GHz
Start 1.00 GHz #Res BW 100 kHz MKR MODE TRC SCL	X		Sweep	Stop 26.50 GHz 2.438 s (30001 pts) FUNCTION VALUE	CF Step 2.550000000 GHz <u>Auto</u> Man
1 N 1 F 2 N 1 f 3 1 f	2.401 65 GHz 25 235 20 GHz	-6.921 dBm -49.023 dBm			Freq Offset 0 Hz
۲ MSG		11	STATU		

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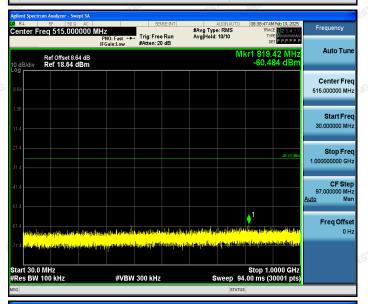


Page 48 of 52

Report No.: HK2502110488-2E

AFICATION.





				lyzer - Swe															
LXI R			RF	∣50 Ω 3.7500					SE	VSE:IN	Т	#Ava		RMS	08:39		Feb 19, 20		Frequency
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10 d Log	B/div	R	ef	18.64 c	βBm					_					-48	5.00	5 dB	Ш	
8.64																			Center Freq
-1.36		<u>1</u>																	13.750000000 GHz
-11.4		Ŷ																	
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-31.4																	-26.53	æ	Start Freq
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-71.4																			
Sta	rt 1.0	n G	H7												Sto	n 2f	i.50 Gl	17	CE Oton
	s BV			Hz			#\	'ΒW	300 kHz					Sweep	2.438	s (30	0001 p	ts)	CF Step 2.55000000 GHz
MKB	MODE	TRC S	n.		X				Y		FUNC	TION	FLIN	CTION WIDTH	FI	NCTIO	N VALUE	~	<u>Auto</u> Man
1	Ν	1	f		2.4) GHz		-10.023 dl	3m								Ĭ	
2	N	1	f		26.2	72.20) GHz		-48.555 dl	3m									Freq Offset
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CH 39

Ref Offset 8.64 dB Ref 28.64 dBm

#Avg Type: RMS Avg|Hold: 100/100

Mkr1 2.

Span 3.000 f Sweep 1.000 ms (1001

Report No.: HK2502110488-2E

HUAK

Frequency

Auto Tu

Center Fred 2 48000000 GH

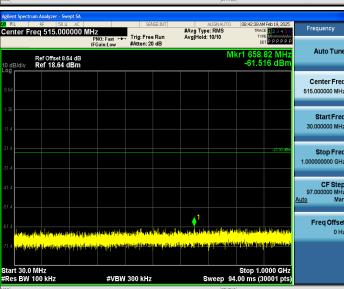
Start Fr

Stop Fr 2.481500000 @

CF St 300,000 k

Freq Offse 0 H





#VBW 300 kHz

gilent Spectrum Analy. G R L RF	50 Q AC	SENSE:INT		08:43:19 AM Feb 19, 2025	Frequency
Center Freq 13	.750000000 GHz PNO: Fas IFGain:Lot	↔→→ Trig: Free Run v #Atten: 20 dB	#Avg Type: RMS Avg Hold: 10/10	TRACE 123456 TYPE MULTINE DET PPPPP	
	fset 8.64 dB 8.64 dBm		Mkr2	25.808 10 GHz -49.354 dBm	Auto Tun
8.64 1.36 11.4					Center Fre 13.750000000 GH
21.4 31.4 41.4					Start Fre 1.000000000 GH
51.4 61.4 .71.4					Stop Fre 26.50000000 GH
Start 1.00 GHz Res BW 100 kH	lz #\	'BW 300 kHz	Sweep	Stop 26.50 GHz 2.438 s (30001 pts)	CF Ste 2.55000000 GH
KR MODE TRC SCL	× 2.480 70 GHz	۲ -6.137 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 f 3 4 5	25.808 10 GHz	-49.354 dBm			Freq Offse 0 H
6 7 8 9					
10 11				~ >	
sg			STATL		

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Page 50 of 52

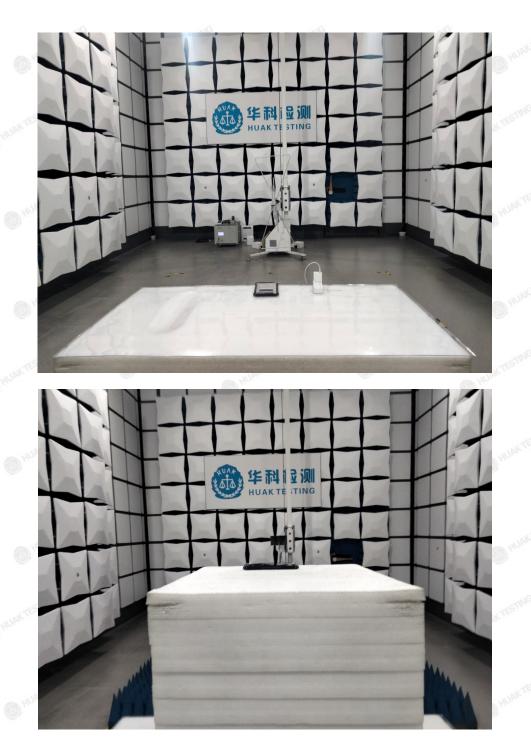
Report No.: HK2502110488-2E

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HK

5 Test Setup Photos

Radiated Emissions



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Page 51 of 52

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Report No.: HK2502110488-2E

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INFIGATION

6 Photos of the EUT

Reference to the report: ANNEX A of external photos and ANNEX B of internal photos.

---End of test report-----

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