





FCC TEST REPORT (Part 15, Subpart C)

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Address.	Area, China(Jiangsu) Pilot Free Trade Zone,Jiangsu Province, PRC

Manufacturer or	Suzhou Mojawa Intelligent Electronic Co. Ltd.			
Supplier:	Suzhou Mojawa Intelligent Electronic Co., Ltd			
Address: Room F1-A-1028, Building A2, No. 8, Qicun Road, Suzhou Industrial Park, S Area, China(Jiangsu) Pilot Free Trade Zone, Jiangsu Province, PRC				
Product:	Bone Conduction Headphones			
Brand Name:				
Model Name:	M2101			
FCC ID:	2A2YH-M2101			
Date of tests: Apr. 20, 2023 ~ May. 09, 2023				

The tests have been carried out according to the requirements of the following standard:

ANSI C63.10-2013

CONCLUSION: The submitted sample was found to **COMPLY** with the test requirement

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Engineer / Mobile Department	Manager / Mobile Department		
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Date: May. 09, 2023	Date: May. 09, 2023		

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P23040022RF01	Original release	May. 09, 2023



SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C									
STANDARD	STANDARD TEST TYPE AND LIMIT								
15.207	AC Power Conducted Emission	Compliance							
15.247(a)(1) (iii)	Number of Hopping Frequency Used	Compliance							
15.247(a)(1) (iii)	Dwell Time on Each Channel	Compliance							
15.247(a)(1)	Hopping Channel Separation Spectrum Bandwidth of a Frequency Hopping Sequence Spread Spectrum System	Compliance							
15.247(b)	Maximum Peak Output Power	Compliance							
15.247(d)& 15.209	Transmitter Radiated Emissions	Compliance							
15.247(d)	Out of band Measurement	Compliance							
15.203	Antenna Requirement	Compliance							

NOTE:

- If the Frequency Hopping System operating in 2400-2483.5MHz band and the output power less than 125mW. The hopping channel carrier frequencies separated by a minimum of 25kHz or two-thirds of the 20dB bandwidth of hopping channel whichever is greater.
- The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

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Test Lab Information Reference:

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Lab Address:

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Accredited Test Lab Cert 3939.01



1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
AC Power Conducted emissions	±2.70dB
Radiated emissions (9KHz~30MHz)	±2.68dB
Radiated emissions (30MHz~1GHz)	±4.98dB
Radiated emissions (1GHz ~6GHz)	±4.70dB
Radiated emissions (6GHz ~18GHz)	±4.60dB
Radiated emissions (18GHz ~40GHz)	±4.12dB
Conducted emissions	±4.01dB
Occupied Channel Bandwidth	±43.58KHz
Conducted Output power	±2.06dB
Power Spectral Density	±0.85 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Bone Conduction Headphones		
BRAND NAME	C mojawa		
MODEL NAME	M2101		
NOMINAL VOLTAGE	5Vdc (adapter or host equipment) 3.8Vdc (Li-Polymer, battery)		
MODULATION TECHNOLOGY	FHSS		
MODULATION TYPE	GFSK, 8DPSK, π/4 DQPSK		
OPERATING FREQUENCY	2402MHz~2480MHz		
NUMBER OF CHANNEL	79		
MAX. OUTPUT POWER	2.47mW (Max. Measured)		
ANTENNA TYPE	Unipolar ceramics Antenna with -1.03dBi gain		
HW VERSION	V1.4		
SW VERSION	V0.13.0		
I/O PORTS	Refer to user's manual		
CABLE SUPPLIED	USB cable: non-shielded cable, with w/o ferrite core, 0.33 meter		

NOTE:

- 1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- 2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.



2.2 DESCRIPTION OF TEST MODES

79 channels are provided to this EUT:

CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461		



2.2.1 CONFIGURATION OF SYSTEM UNDER TEST

Please see section 5 photograph of the test configuration for reference.

2.2.2 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports.

The worst case was found when positioned on X axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE		APPLICA	ABLE TO		DESCRIPTION		
MODE	RE<1G	RE≥1G	PLC	APCM	DESCRIPTION		
-	√	V	V	$\sqrt{}$	-		

Where

RE<1G: Radiated Emission below 1GHz **PLC:** Power Line Conducted Emission

RE≥1G: Radiated Emission above 1GHz **APCM:** Antenna Port Conducted Measurement

RADIATED EMISSION TEST (BELOW 1 GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type.
- Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE	AVAILABLE	TESTED	MODULATION	MODULATION	PACKET
MODE	CHANNEL	CHANNEL	TECHNOLOGY	TYPE	TYPE
-	0 to 78	0	FHSS	GFSK	DH5

RADIATED EMISSION TEST (ABOVE 1 GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type.

Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE	AVAILABLE	TESTED	MODULATION	MODULATION	PACKET
MODE	CHANNEL	CHANNEL	TECHNOLOGY	TYPE	TYPE
-	0 to 78	0, 39, 78	FHSS	GFSK	DH5



POWER LINE CONDUCTED EMISSION TEST:

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, antenna ports (if EUT with antenna diversity architecture) and packet type.

Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE	AVAILABLE	TESTED	MODULATION	MODULATION	PACKET
MODE	CHANNEL	CHANNEL	TECHNOLOGY	TYPE	TYPE
-	0 to 78	0	FHSS	GFSK	DH5

ANTENNA PORT CONDUCTED MEASUREMENT:

This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, antenna ports (if EUT with antenna diversity architecture), and packet types.

Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	PACKET TYPE
0 to 78	0, 39, 78	FHSS	GFSK	DH1/DH3/DH5
0 to 78	0, 39, 78	FHSS	π/4 DQPSK	2DH1/2DH3/2DH5
0 to 78	0, 39, 78	FHSS	8DPSK	3DH1/3DH3/3DH5

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	TEST VOLTAGE (SYSTEM)	TESTED BY
RE<1G	23deg. C, 70%RH	DC 3.8V By Battery	Jace Hu
RE≥1G	23deg. C, 70%RH	DC 3.8V By Battery	Jace Hu
PLC	25deg. C, 52%RH	DC 5V By Adapter	Carl Xie
APCM	25deg. C, 60%RH	DC 3.8V By Battery	James Fu



2.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C. Section 15.247 ANSI C63.10-2013

NOTE: 1. All test items have been performed and recorded as per the above standards.

2. The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (Certification). The test report has been issued separately.

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.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	Desktop	Lenovo	M73 SFF	PC04GRQV	N/A
2	Desktop	Lenovo	M73 SFF	PC06CS27	N/A
3	Laptop	Lenovo	Thinkpad L440	R90FTFKN	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	DC Line: Unshielded, Detachable 0.5m



3 TEST TYPES AND RESULTS

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBµV)		
	Quasi-peak	Average	
0.15 ~ 0.5 0.5 ~ 5	66 to 56	56 to 46	
	56	46	
5 ~ 30	60	50	

NOTE: 1. The lower limit shall apply at the transition frequencies.

- 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
- 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.1.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR3	101900	Feb. 14,23	Feb. 13,24
EMC32 test software	Rohde&Schwarz	EMC32	NA	NA	NA
LISN network	Rohde&Schwarz	ENV216	101922	Mar. 03,23	Mar. 02,24

NOTE: 1. The test was performed in CE shielded room.

2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3.1.3 TEST PROCEDURES

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit 20dB) was not recorded.

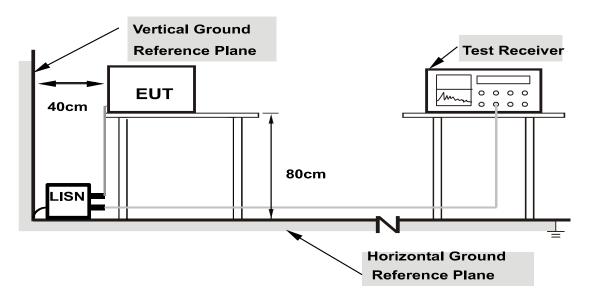
NOTE: All modes of operation were investigated and the worst-case emissions are reported.



3.1.4 **DEVIATION FROM TEST STANDARD**

No deviation.

3.1.5 **TEST SETUP**



Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3 1 6 **EUT OPERATING CONDITIONS**

- Turned on the power and connected of all equipment. a.
- b. EUT was operated according to the type used was description in manufacturer's specifications or the User's Manual.



3.1.7 TEST RESULTS

CONDUCTED WORST-CASE DATA:

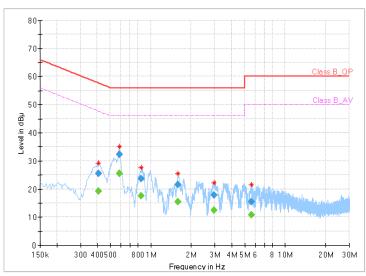
Frequency Range	150KHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	Environmental Conditions	26deg. C, 51%RH
Tested By	Carl xie		

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.408000		19.19	47.69	28.50	L1	ON	9.7
0.408000	25.53		57.69	32.16	L1	ON	9.7
0.584000		25.59	46.00	20.41	L1	ON	9.7
0.584000	32.28		56.00	23.72	L1	ON	9.7
0.852000		17.54	46.00	28.46	L1	ON	9.7
0.852000	23.68		56.00	32.32	L1	ON	9.7
1.600000		15.41	46.00	30.59	L1	ON	9.7
1.600000	21.50		56.00	34.50	L1	ON	9.7
2.968000		12.36	46.00	33.64	L1	ON	9.7
2.968000	17.79		56.00	38.21	L1	ON	9.7
5.620000		10.73	50.00	39.27	L1	ON	9.7
5.620000	15.41		60.00	44.59	L1	ON	9.7

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.

- 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
- 3. The emission levels of other frequencies were very low against the limit.
- 4. Margin value = Limit value Emission level
- 5. Correction factor = Insertion loss + Cable loss
- 6. Emission Level = Correction Factor + Reading Value.





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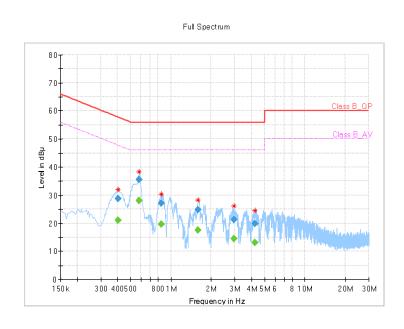


Frequency Range	150KHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	Environmental Conditions	26deg. C, 51%RH
Tested By	Carl xie		

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.404000		21.16	47.77	26.61	Ν	ON	9.7
0.404000	28.82		57.77	28.95	N	ON	9.7
0.580000		28.16	46.00	17.84	N	ON	9.7
0.580000	35.65		56.00	20.35	N	ON	9.7
0.852000		19.57	46.00	26.43	N	ON	9.7
0.852000	27.18		56.00	28.82	N	ON	9.7
1.596000		17.58	46.00	28.42	N	ON	9.8
1.596000	24.83		56.00	31.17	N	ON	9.8
2.964000		14.52	46.00	31.48	Ν	ON	9.8
2.964000	21.37		56.00	34.63	N	ON	9.8
4.260000		13.12	46.00	32.88	Ν	ON	9.8
4.260000	19.86		56.00	36.14	N	ON	9.8

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.

- 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
- 3. The emission levels of other frequencies were very low against the limit.
- 4. Margin value = Limit value Emission level
- 5. Correction factor = Insertion loss + Cable loss
- 6. Emission Level = Correction Factor + Reading Value.





3.2 RADIATED EMISSION AND BANDEDGE MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION AND BANDEDGE MEASUREMENT

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a). Other emissions shall be at least 20dB below the highest level of the desired power.

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:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
- 3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.



3.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	Euroshieldpn- CT0001143-1216	May. 19,20	May. 18,23
Bilog Antenna	ETS-LINDGREN	3143B	00161965	Mar. 05,23	Mar. 04,24
Horn Antenna	ETS-LINDGREN	3117	00168692	Mar. 05,23	Mar. 04,24
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40- K-SG/QMS-003 61	15433	Sep.04, 22	Sep.03, 23
Test Software	E3	V 9.160323	N/A	N/A	N/A
Test Software	JS1120-3	3.2.06	N/A	N/A	N/A
10dB Attenuator	JFW/USA	50HF-010-SMA	N/A	May. 12,22	May. 11,23
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Feb. 20,23	Feb. 19,24
Signal Pre-Amplifier	EMSI	EMC 9135	980249	May.12,22	May.11,23
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	May.12,22	May.11,23
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Feb. 17,23	Feb. 16,24
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 12,22	Aug. 11,23
Power Meter	Anritsu	ML2495A	1506002	Feb. 14,23	Feb. 13,24
Power Sensor	Anritsu	MA2411B	1339352	Feb. 14,23	Feb. 13,24
Loop Antenna	Schwarzbeck	FMZB 1519B	00173	Sep.03,22	Sep.02,23

NOTE: 1. The calibration interval of the above test instruments is 12 months or 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

- 2. The test was performed in 3m Chamber.
- 3. The FCC Site Registration No. is 525120; The Designation No. is CN1171.



3.2.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) /
 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test.
 The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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, For battery operated equipment, the equipment tests shall be perform using fresh batteries. The turntable was rotated to maximize the emission level.

NOTE:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz for Average detection (AV) at frequency above 1GHz.
- 4. If the dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a "duty cycle correction factor", derived from 20log(dwell time/100 ms), in an effort to demonstrate compliance with the 15.209 limit.
- 5. All modes of operation were investigated and the worst-case emissions are reported.

3.2.4 DEVIATION FROM TEST STANDARD

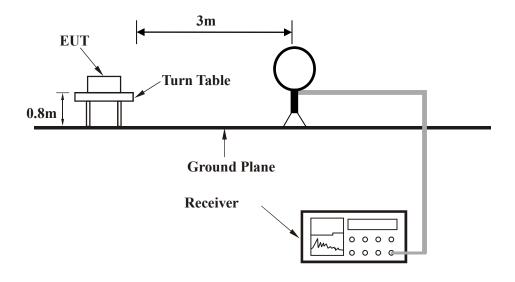
No deviation

then Cuandana China Email: customerservice.sw@bureauveritas.com

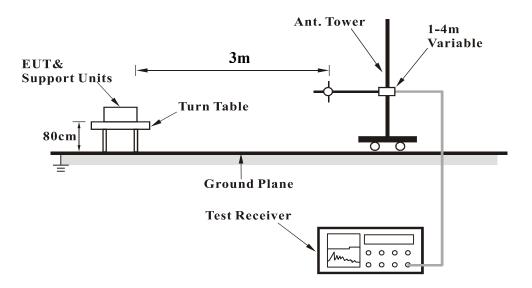


3.2.5 TEST SETUP

<Frequency Range 9KHz~30MHz >

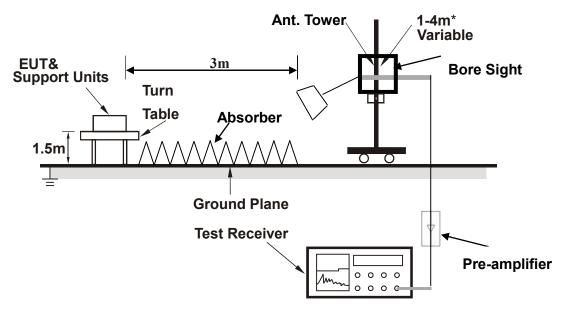


< Frequency Range 30MHz~1GHz >





<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna

Depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.2.6 EUT OPERATING CONDITIONS

- a. Set the EUT under full load condition and placed them on a testing table.
- b. Set the transmitter part of EUT under transmission condition continuously at specific channel frequency.
- c. The necessary accessories enable the EUT in full functions.



3.2.7 TEST RESULTS

NOTE: The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

BELOW 1GHz WORST-CASE DATA:

30 MHz - 1GHz data:

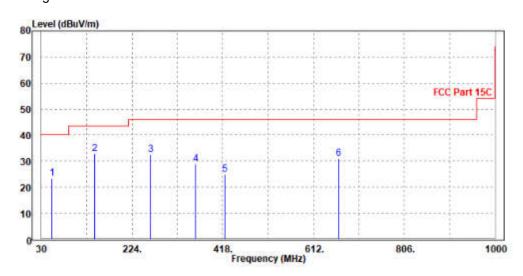
BT_GFSK

CHANNEL	Channel 0	DETECTOR FUNCTION	Oursi Daak (OD)
FREQUENCY RANGE		DETECTOR FUNCTION	Quasi-Peak (QP)

	Al	NTENN <i>A</i>	POLARI	TY & TES	ST DISTAN	CE: HO	RIZONTA	L AT 3 M		
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMAR K
52.31	23.3	49.91	40	-16.7	9.97	0.41	36.99	127	89	QP
144.46	32.85	59.42	43.5	-10.65	9.37	0.65	36.59	181	40	QP
263.77	32.59	54.37	46	-13.41	13.64	0.85	36.27	200	151	QP
359.8	28.82	48.85	46	-17.18	15.32	1.01	36.36	119	71	QP
422.85	24.98	43.71	46	-21.02	16.63	1.11	36.47	188	339	QP
664.38	31.05	45.77	46	-14.95	20.92	1.44	37.08	120	42	QP

REMARKS:

- 1. Emission Level(dBuV/m) = Read Level(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value



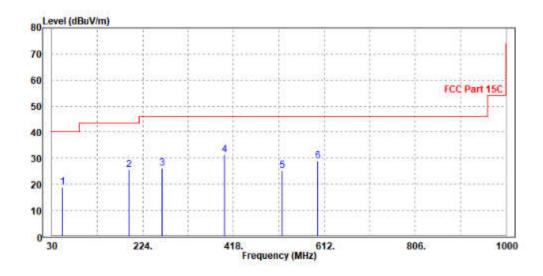


CHANNEL	Channel 0	DETECTOR FUNCTION	Ouesi Beek (OB)
FREQUENCY RANGE		DETECTOR FUNCTION	Quasi-Peak (QP)

		ANTEN	INA POLA	ARITY & 1	TEST DIST	ANCE: \	/ERTICA	L AT 3 M		
FDFO	EMISSION	READ	LINALT		ANTENNA	CABLE	PREAMP	ANTENNA	TABLE	
FREQ.	LEVEL	LEVEL	LIMIT	MARGIN	FACTOR	LOSS	FACTOR	HEIGHT	ANGLE	REMARK
(MHz)	(dBuV/m)	(dBuV)	(dBuV/m)	(dB)	(dB /m)	(dB)	(dB)	(cm)	(Degree)	
52.31	18.82	45.95	40	-21.18	9.45	0.41	36.99	123	147	QP
194.9	25.65	49.82	43.5	-17.85	11.42	0.73	36.32	117	166	QP
265.71	26.09	48.46	46	-19.91	13.04	0.86	36.27	149	279	QP
398.6	31.34	50.42	46	-14.66	16.27	1.07	36.42	169	321	QP
521.79	25.35	42.73	46	-20.65	18.04	1.25	36.67	186	341	QP
598.42	28.85	44.77	46	-17.15	19.57	1.36	36.85	177	22	QP

REMARKS:

- 1. Emission Level(dBuV/m) = Read Level(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value





ABOVE 1GHz WORST-CASE DATA:

Note: 1. For radiated emissions testing , the full testing range of different modes have been scanned , only the worst case harmonic data is reported in the sheet.

2. All other emissions were greater than 20dB below the limit is not recorded

1GHz - 25GHz: (Scan with GFSK, $\pi/4$ -DQPSK mode, the worst case is GFSK Mode)

BT_GFSK

CHANNEL	TX Channel 0	DETECTOR	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz	FUNCTION	Average (AV)

	Δ	NTENN	IA POLAF	RITY & TE	ST DISTA	NCE: H	ORIZONT	AL AT 3 M		
FREQ.	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB/m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.09	59.13	74	-22.91	31.75	6.18	45.97	111	93	Peak
2390	43.61	51.65	54	-10.39	31.75	6.18	45.97	111	93	Average
2402	89.74	97.73	1	1	31.79	6.19	45.97	109	99	Peak
2402	89.61	97.6	1	1	31.79	6.19	45.97	109	99	Average
2483.5	52.33	59.9	74	-21.67	32.05	6.31	45.93	110	93	Peak
2483.5	43.28	50.85	54	-10.72	32.05	6.31	45.93	110	93	Average
		ANTEN	NA POL	ARITY & T	TEST DIST	ANCE: \	VERTICA	L AT 3 M		
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.44	59.09	74	-22.56	32.14	6.18	45.97	140	156	Peak
2390	44.09	51.74	54	-9.91	32.14	6.18	45.97	140	156	Average
2402	92.32	99.94	1	1	32.16	6.19	45.97	145	165	Peak
2402	92.13	99.75	1	1	32.16	6.19	45.97	145	165	Average
2483.5	52.06	59.32	74	-21.94	32.36	6.31	45.93	141	157	Peak
2483.5	44.19	51.45	54	-9.81	32.36	6.31	45.93	141	157	Average

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor Margin value = Emission level – Limit value.
- 2. 2402MHz: Fundamental frequency.



CHANNEL	TX Channel 39	DETECTOR	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz	FUNCTION	Average (AV)

	Δ	NTENN	A POLAF	RITY & TE	ST DISTA	NCE: H	ORIZONT	AL AT 3 M		
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	49.18	57.22	74	-24.82	31.75	6.18	45.97	163	183	Peak
2390	42.74	50.78	54	-11.26	31.75	6.18	45.97	163	183	Average
2441	91.92	99.71	1	1	31.91	6.25	45.95	160	190	Peak
2441	91.83	99.62	1	1	31.91	6.25	45.95	160	190	Average
2483.5	49.88	57.45	74	-24.12	32.05	6.31	45.93	153	180	Peak
2483.5	42.66	50.23	54	-11.34	32.05	6.31	45.93	153	180	Average
		ANTEN	NA POLA	ARITY & 1	EST DIST	ANCE: \	VERTICA	L AT 3 M		
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	49.4	57.05	74	-24.6	32.14	6.18	45.97	135	124	Peak
2390	42.41	50.06	54	-11.59	32.14	6.18	45.97	135	124	Average
2441	94.48	101.92	1	1	32.26	6.25	45.95	136	127	Peak
2441	94.41	101.85	1	1	32.26	6.25	45.95	136	127	Average
2483.5	51.34	58.6	74	-22.66	32.36	6.31	45.93	141	129	Peak
2483.5	43.07	50.33	54	-10.93	32.36	6.31	45.93	141	129	Average

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor Margin value = Emission level – Limit value.
- 2. 2441MHz: Fundamental frequency.



CHANNEL	TX Channel 78	DETECTOR	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz	FUNCTION	Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.02	59.06	74	-22.98	31.75	6.18	45.97	172	331	Peak
2390	42.22	50.26	54	-11.78	31.75	6.18	45.97	172	331	Average
2480	91.33	98.92	1	1	32.04	6.3	45.93	164	335	Peak
2480	91.2	98.79	1	1	32.04	6.3	45.93	164	335	Average
2483.5	49.63	57.2	74	-24.37	32.05	6.31	45.93	170	339	Peak
2483.5	42.83	50.4	54	-11.17	32.05	6.31	45.93	170	339	Average
		ANTEN	NA POL	ARITY & 1	EST DIST	ANCE: \	VERTICA	LAT3M		
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	50.32	57.97	74	-23.68	32.14	6.18	45.97	124	211	Peak
2390	42.81	50.46	54	-11.19	32.14	6.18	45.97	124	211	Average
2480	92.64	99.92	1	1	32.35	6.3	45.93	114	202	Peak
2480	92.54	99.82	1	1	32.35	6.3	45.93	114	202	Average
2483.5	50.86	58.12	74	-23.14	32.36	6.31	45.93	115	213	Peak
2483.5	43.24	50.5	54	-10.76	32.36	6.31	45.93	115	213	Average

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
 Margin value = Emission level Limit value.
- 2. 2480MHz: Fundamental frequency.

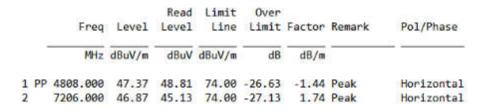


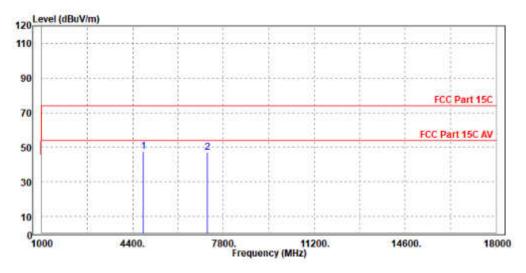
Worst case harmonic:

BT_GFSK

CHANNEL	TX Channel 0	DETECTOR	Peak (PK)	
FREQUENCY RANGE	1GHz ~ 25GHz	FUNCTION	Average (AV)	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M



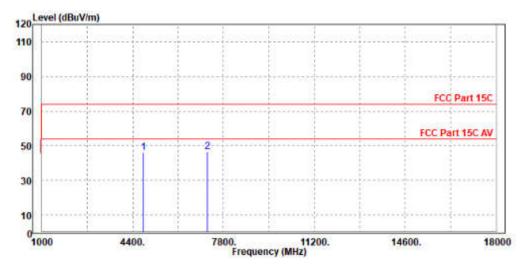


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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

		Freq	Level	and the second second	Limit Line	12 C 17 C	Factor	Remark	Pol/Phase
		MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1		4804.000	45.88	47.12	74.00	-28.12	-1.24	Peak	Vertical
2	PP	7205.000	46.38	44.52	74.00	-27.62	1.86	Peak	Vertical



- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor Margin value = Emission level – Limit value.
- 2. 2402MHz: Fundamental frequency.
- 3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

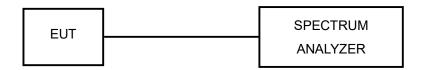


NUMBER OF HOPPING FREQUENCY USED

3.3.1 LIMIT OF HOPPING FREQUENCY USED

At least 15 channels frequencies, and should be equally spaced.

3.3.2 TEST SETUP



3.3.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	ANRITSU	ML2495A	1506002	Feb. 14,23	Feb. 13,24
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510322	Feb. 17,23	Feb. 16,24
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.14,22	May.13,23
Power Sensor	ANRITSU	MA2411B	1339352	Feb. 14,23	Feb. 13,24

NOTE:

- 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
- 2. The test was performed in RF Oven room.



3.3.4 TEST PROCEDURES

- a. Check the calibration of the measuring instrument (SA) using either an internal calibrator or a known signal from an external generator.
- b. Turn on the EUT and connect its antenna terminal to measurement via a low loss cable. Then set it to any one measured frequency within its operating range and make sure the instrument is operated in its linear range.
- c. Set the SA on MaxHold Mode, and then keep the EUT in hopping mode. Record all the signals from each channel until each one has been recorded.
- d. Set the SA on View mode and then plot the result on SA screen.
- e. Repeat above procedures until all frequencies measured were completed.

3.3.5 DEVIATION FROM TEST STANDARD

No deviation.

3.3.6 TEST RESULTS

There are 79 hopping frequencies in the hopping mode. Please refer to next two pages for the test result. On the plots, it shows that the hopping frequencies are equally spaced.

Please Refer to Appendix Of this test report.

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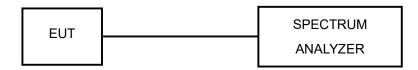


3.4 DWELL TIME ON EACH CHANNEL

3.4.1 LIMIT OF DWELL TIME USED

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.4.4 TEST PROCEDURES

- a. Check the calibration of the measuring instrument (SA) using either an internal calibrator or a known signal from an external generator.
- b. Turn on the EUT and connect its antenna terminal to measurement via a low loss cable. Then set it to any one measured frequency within its operating range and make sure the instrument is operated in its linear range.
- c. Adjust the center frequency of SA on any frequency be measured and set SA to zero span mode. And then, set RBW and VBW of spectrum analyzer to proper value.
- d. Measure the time duration of one transmission on the measured frequency. And then plot the result with time difference of this time duration.
- e. Repeat above procedures until all different time-slot modes have been completed.



3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 TEST RESULTS

Please Refer to Appendix Of this test report

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District, Shenzhen, Guangdong, China

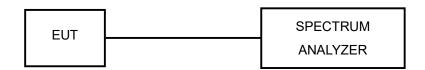


3.5 CHANNEL BANDWIDTH

3.5.1 LIMITS OF CHANNEL BANDWIDTH

For frequency hopping system operating in the 2400-2483.5MHz, If the 20dB bandwidth of hopping channel is greater than 25kHz, two-thirds 20dBbandwidth of hopping channel shell be a minimum limit for the hopping channel separation.

3.5.2 TEST SETUP



3.5.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.5.4 TEST PROCEDURE

- a. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- b. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- c. Measure the frequency difference of two frequencies that were attenuated 20dB from the reference level. Record the frequency difference as the emission bandwidth.
- d. Repeat above procedures until all frequencies measured were complete.

3.5.5 DEVIATION FROM TEST STANDARD

No deviation.



3.5.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.5.7 TEST RESULTS

Please Refer to Appendix Of this test report.

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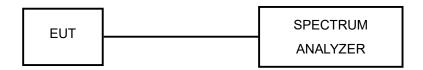


HOPPING CHANNEL SEPARATION

3.6.1 LIMIT OF HOPPING CHANNEL SEPARATION

At least 25kHz or two-third of 20dB hopping channel bandwidth (whichever is greater).

3.6.2 TEST SETUP



3.6.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.6.4 TEST PROCEDURES

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range.
- 3. By using the MaxHold function record the separation of two adjacent channels.
- 4. Measure the frequency difference of these two adjacent channels by SA MARK function. And then plot the result on SA screen.
- 5. Repeat above procedures until all frequencies measured were complete.

3.6.5 DEVIATION FROM TEST STANDARD

No deviation.



3.6.6 TEST RESULTS

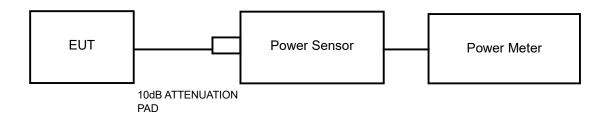
Please Refer to Appendix Of this test report.

3.7 MAXIMUM OUTPUT POWER

3.7.1 LIMITS OF MAXIMUM OUTPUT POWER MEASUREMENT

The Maximum Output Power Measurement is 125mW.

3.7.2 TEST SETUP



3.7.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.7.4 TEST PROCEDURES

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

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3.7.5 DEVIATION FROM TEST STANDARD No deviation.

3.7.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

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3.7.7 TEST RESULTS

3.7.7.1 MAXIMUM PEAK OUTPUT POWER

Please Refer to Appendix Of this test report.

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3.7.7.2 AVERAGE OUTPUT POWER (FOR REFERENCE)

The average power sensor was used on the output port of the EUT. A power meter was used to read the response of the power sensor. Record the power level.

Please Refer to Appendix Of this test report.

3.8 OUT OF BAND MEASUREMENT

3.8.1 LIMITS OF OUT OF BAND MEASUREMENT

Below –20dB of the highest emission level of operating band (in 100KHz RBW).

3.8.2 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.8.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low loss cable. Spectrum Analyzer was set RBW to 100 kHz and VBW to 300 kHz with suitable frequency span including 100 MHz bandwidth from band edge. Detector = PEAK and Trace mode = Max Hold. The band edges was measured and recorded.

3.8.4 DEVIATION FROM TEST STANDARD

No deviation.

3.8.5 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.8.6 TEST RESULTS

The spectrum plots are attached on the following images. D1 line indicates the highest level. D2 line indicates the 20dB offset below D1. It shows compliance to the requirement.

Please Refer to Appendix Of this test report.

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PHOTOGRAPHS OF THE TEST CONFIGURATION 4

Please refer to the attached file (Test Setup Photo).



5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.



APPENDIX 6

20DB EMISSION BANDWIDTH TEST RESULT

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
		2402	0.933	2401.502	2402.435		
DH5	Ant1	2441	0.921	2440.493	2441.414		
		2480	0.972	2479.490	2480.462		
	Ant1	2402	1.284	2401.334	2402.618		
2DH5		2441	1.287	2440.331	2441.618		
		2480	1.299	2479.307	2480.606		
		2402	1.272	2401.319	2402.591		
3DH5	Ant1	2441	1.299	2440.322	2441.621		
		2480	1.293	2479.313	2480.606		



TEST GRAPHS





















OCCUPIED CHANNEL BANDWIDTH TEST RESULT

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
		2402	0.88962	2401.5167	2402.4063		
DH5	Ant1	2441	0.87721	2440.5285	2441.4057		
		2480	0.89871	2479.5178	2480.4165		
	Ant1	2402	1.1849	2401.3738	2402.5587		
2DH5		2441	1.1826	2440.3740	2441.5566		
		2480	1.1954	2479.3675	2480.5629		
		2402	1.1995	2401.3655	2402.5650		
3DH5	Ant1	2441	1.1982	2440.3650	2441.5632		
		2480	1.2070	2479.3570	2480.5640		



TEST GRAPHS





















MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

TestMod e	Antenna	Frequency [MHz]	Average power [dBm]	Peak Power [dBm]	Peak Power [mw]	Conducted Limit [dBm]	EIRP [dBm]	EIRP [mw]	EIRP Limit [dBm]	Verdict	Power Setting	
		2402	2.64	2.81	1.91	≤20.97	1.78	1.51	≤36.00	PASS	Defult	
DH5	Ant1	2441	2.76	2.93	1.96	≤20.97	1.90	1.55	≤36.00	PASS	Defult	
		2480	2.20	2.37	1.73	≤20.97	1.34	1.36	≤36.00	PASS	Defult	
		2402	1.33	3.58	2.28	≤20.97	2.55	1.80	≤36.00	PASS	Defult	
2DH5	Ant1	2441	1.45	3.65	2.32	≤20.97	2.62	1.83	≤36.00	PASS	Defult	
		2480	0.86	3.13	2.06	≤20.97	2.10	1.62	≤36.00	PASS	Defult	
			2402	1.32	3.84	2.42	≤20.97	2.81	1.91	≤36.00	PASS	Defult
3DH5	Ant1	2441	1.44	3.92	2.47	≤20.97	2.89	1.95	≤36.00	PASS	Defult	
		2480	0.89	3.43	2.20	≤20.97	2.40	1.74	≤36.00	PASS	Defult	
Note:EIRP	Note:EIRP=Peak Power+Gain											



CARRIER FREQUENCY SEPARATION TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Нор	1.336	≥0.648	PASS
2DH5	Ant1	Нор	1	≥0.866	PASS
3DH5	Ant1	Нор	0.998	≥0.866	PASS



TEST GRAPHS









TIME OF OCCUPANCY TEST RESULT

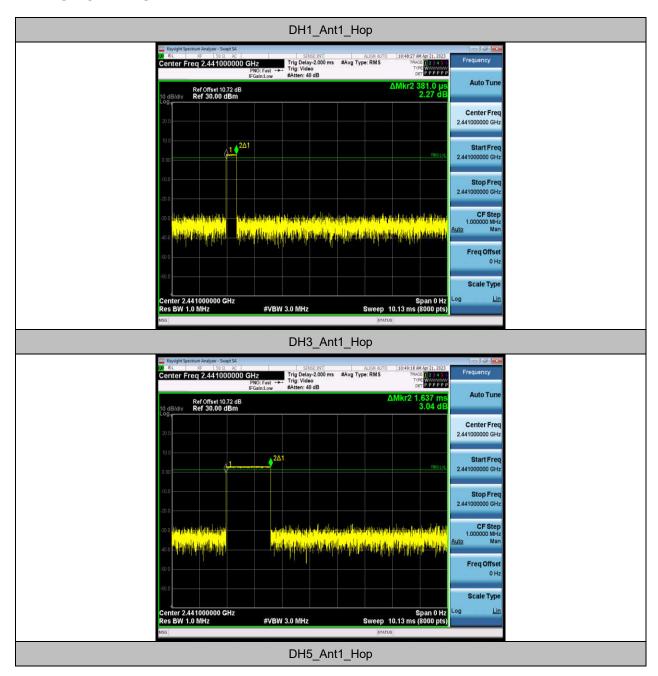
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Нор	0.381	320	0.122	≤0.4	PASS
DH3	Ant1	Нор	1.637	160	0.262	≤0.4	PASS
DH5	Ant1	Нор	2.884	106.67	0.308	≤0.4	PASS
2DH1	Ant1	Нор	0.390	320	0.125	≤0.4	PASS
2DH3	Ant1	Нор	1.642	160	0.263	≤0.4	PASS
2DH5	Ant1	Нор	2.891	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Нор	0.390	320	0.125	≤0.4	PASS
3DH3	Ant1	Нор	1.640	160	0.262	≤0.4	PASS
3DH5	Ant1	Нор	2.892	106.67	0.308	≤0.4	PASS

NOTE: TotalHops =[1600/(Send and receive Number*79)]*0.4*79;

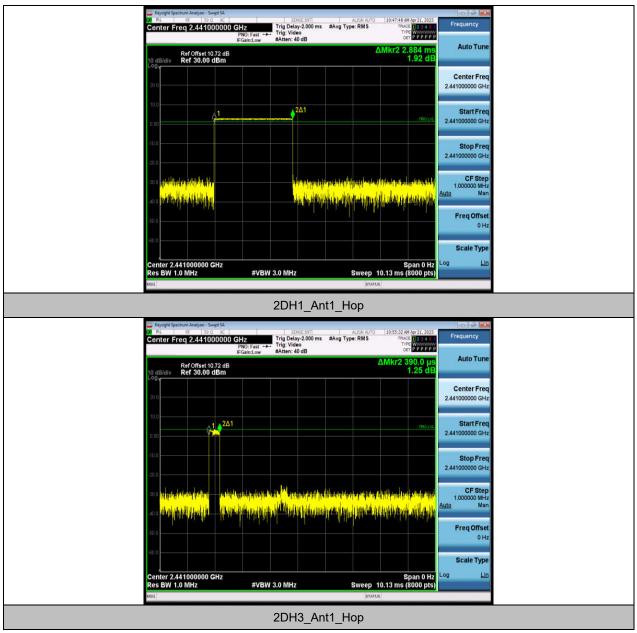
Send and receive Number: DH1/2DH1/3DH1=2; DH3/2DH3/3DH3=4; DH5/2DH5/3DH5=6



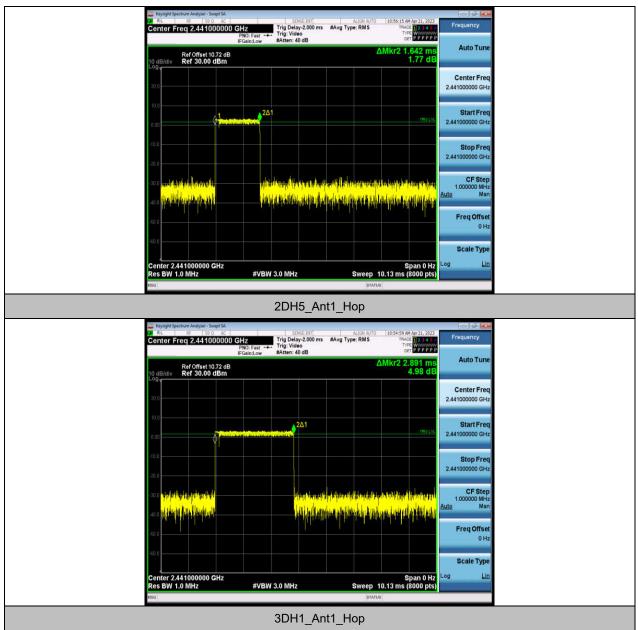
TEST GRAPHS



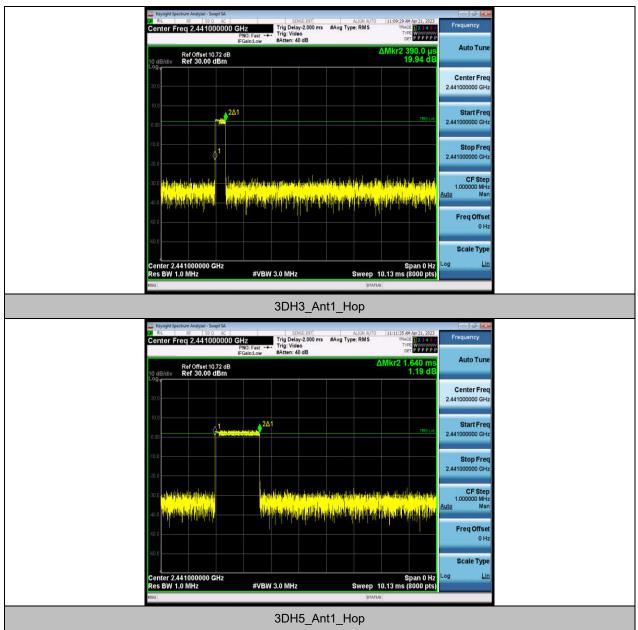
















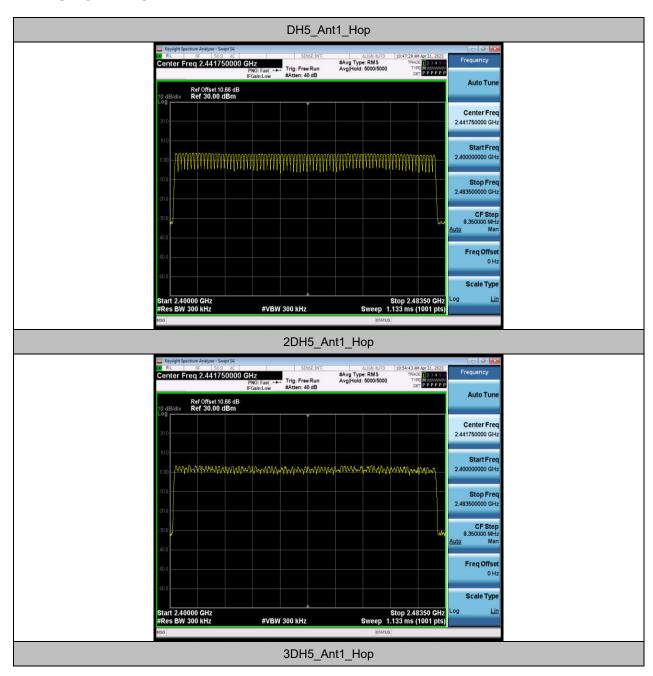


NUMBER OF HOPPING CHANNELS TEST RESULT

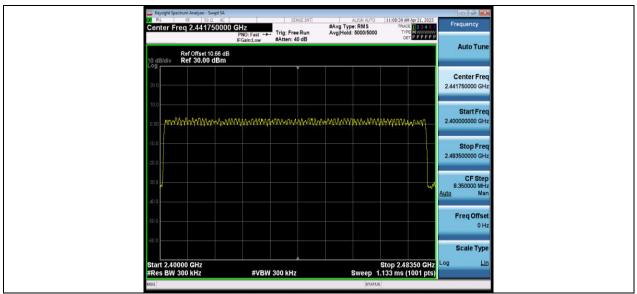
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Нор	79	≥15	PASS
2DH5	Ant1	Нор	79	≥15	PASS
3DH5	Ant1	Нор	79	≥15	PASS



TEST GRAPHS







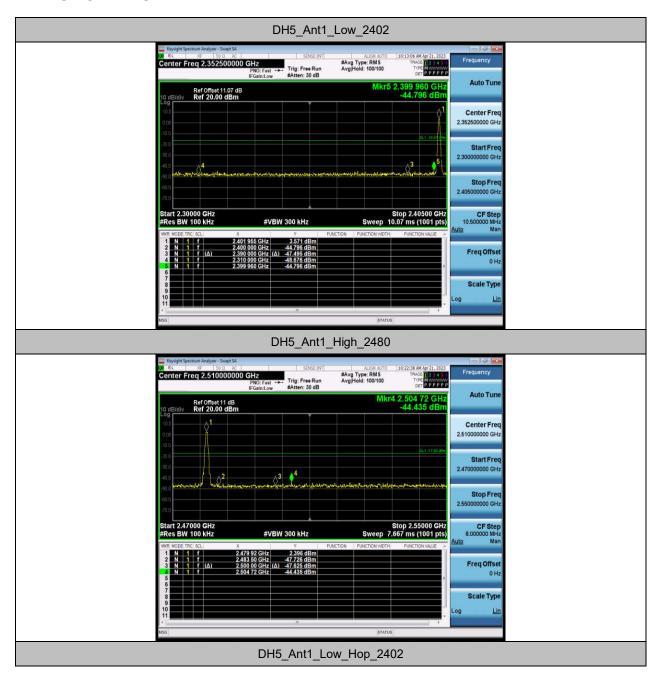


BAND EDGE MEASUREMENTS TEST RESULT

TootMode	A t	ChNome	Francisco (NALIE)	RefLevel	Result	Limit	\/li - 4	
TestMode	Antenna	ChName	Frequency[MHz]	[dBm]	[dBm]	[dBm]	Verdict	
		Low	2402	3.57	-44.8	≤-16.43	PASS	
DH5	A == ±4	High	2480	2.40	-44.44	≤-17.6	PASS	
כחט	Ant1	Low	Hop_2402	3.11	-44.8	≤-16.89	PASS	
		High	Hop_2480	2.34	-44.13	≤-17.66	PASS	
	Ant1	Low	2402	3.58	-44.95	≤-16.42	PASS	
2DH5		A := 44	High	2480	1.58	-44.9	≤-18.42	PASS
ZDHS		Low	Hop_2402	0.16	-45.11	≤-19.84	PASS	
		High	Hop_2480	3.07	-42.94	≤-16.93	PASS	
		Low	2402	3.37	-44.94	≤-16.63	PASS	
2DHE	A mt1	High	2480	0.01	-44.25	≤-19.99	PASS	
3DH5	Ant1	Low	Hop_2402	2.19	-44.5	≤-17.81	PASS	
		High	Hop_2480	0.38	-44.44	≤-19.62	PASS	



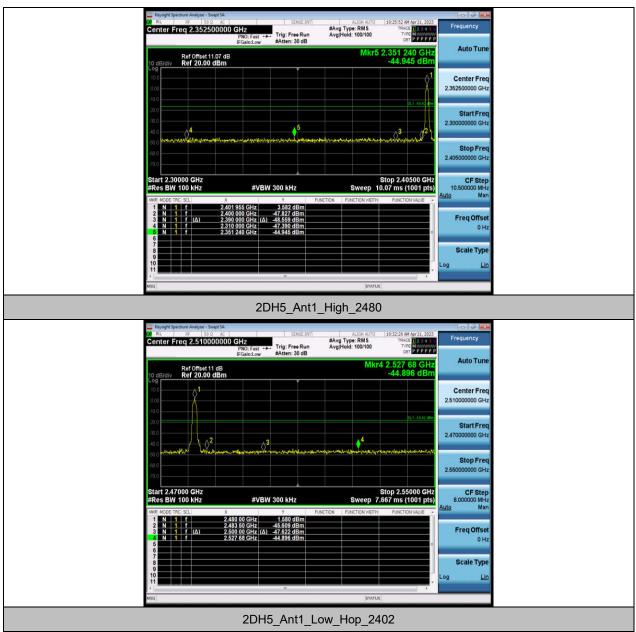
TEST GRAPHS



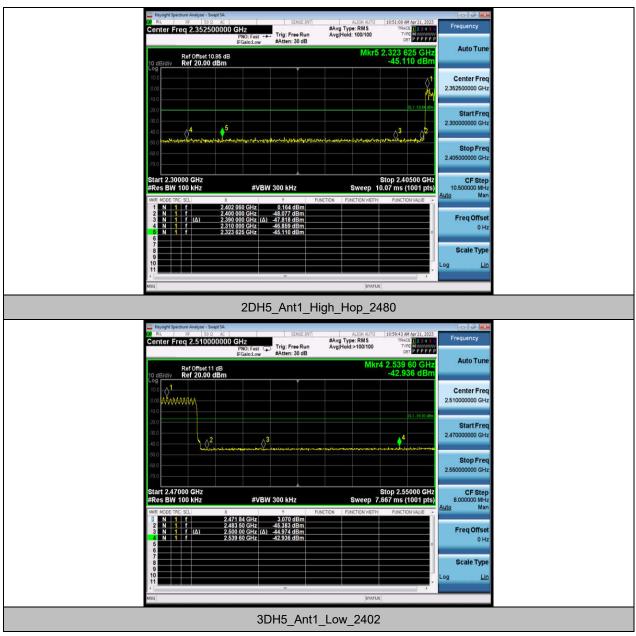




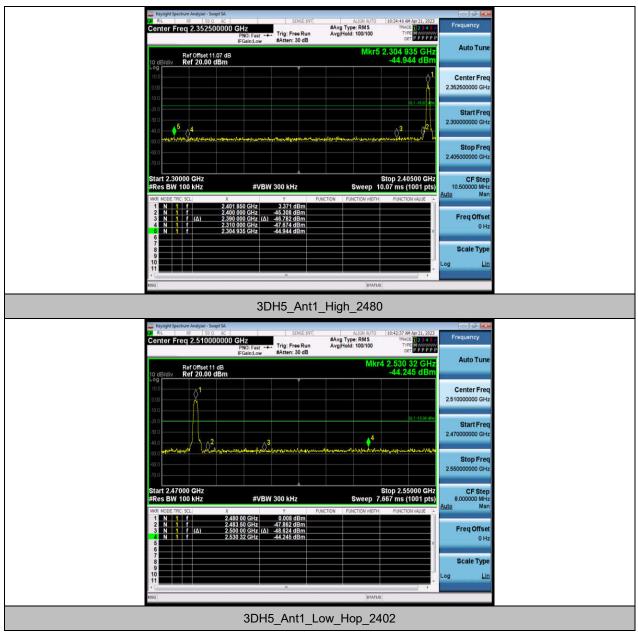




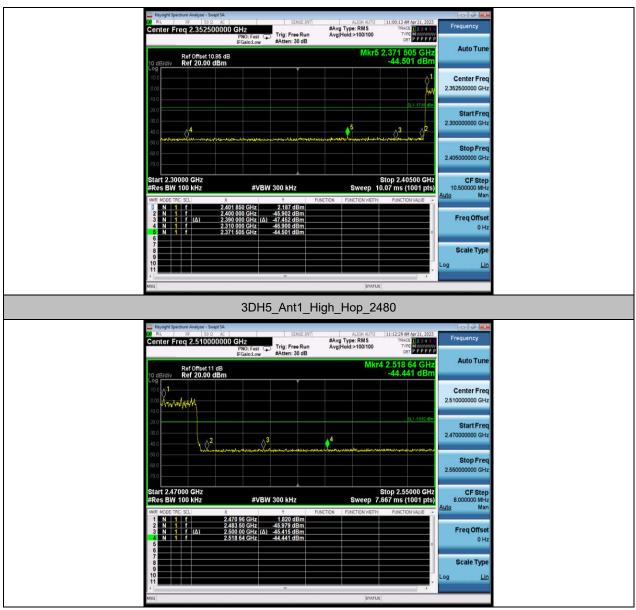














CONDUCTED SPURIOUS EMISSION TEST RESULT

T404-41-	A t		FreqRange	RefLevel	Result	Limit	\
TestMode	Antenna	Frequency[MHz]	[MHz]	[dBm]	[dBm]	[dBm]	Verdict
			Reference	3.42	3.42		PASS
		2402	30~1000	3.42	-53.19	≤-16.58	PASS
			1000~26500	3.42	-34.89	≤-16.58	PASS
			Reference	2.27	2.27		PASS
DH5	Ant1	2441	30~1000	2.27	-54.46	≤-17.73	PASS
			1000~26500	2.27	-34.42	≤-17.73	PASS
			Reference	1.89	1.89		PASS
		2480	30~1000	1.89	-53.75	≤-18.11	PASS
			1000~26500	1.89	-34.78	≤-18.11	PASS
	Ant1	2402	Reference	-0.29	-0.29		PASS
			30~1000	-0.29	-53.76	≤-20.29	PASS
			1000~26500	-0.29	-34.7	≤-20.29	PASS
		2441	Reference	-0.38	-0.38		PASS
2DH5			30~1000	-0.38	-53.87	≤-20.38	PASS
			1000~26500	-0.38	-35.24	≤-20.38	PASS
			Reference	-0.45	-0.45		PASS
			30~1000	-0.45	-53.53	≤-20.45	PASS
			1000~26500	-0.45	-35.11	≤-20.45	PASS
			Reference	3.53	3.53		PASS
		2402	30~1000	3.53	-53.53	≤-16.47	PASS
			1000~26500	3.53	-34.39	≤-16.47	PASS
			Reference	2.56	2.56		PASS
3DH5	Ant1	2441	30~1000	2.56	-54.47	≤-17.44	PASS
			1000~26500	2.56	-34.73	≤-17.44	PASS
			Reference	1.83	1.83		PASS
		2480	30~1000	1.83	-53.85	≤-18.17	PASS
			1000~26500	1.83	-34.88	≤-18.17	PASS