



TEST REPORT

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

ARTICLE 2 SECTION 1 ITEM 19

MEASUREMENT AND TEST REPORT

For

Beijing Makera Technology Co., Ltd.

Room 101, 1st Floor, Building 9, No.801 Changlin, Xi Sanqi, Qinghe Subdistrict, Haidian District,
Beijing, China

Model: Z1, Z1Pro

2026-09-03

This Report Concerns: ☒ Original Report	Equipment Type: Makera Z1 Desktop CNC Machine
Test Engineer: Shawn Lei/ <i>Shawn Lei</i>	
Report Number: R2605RF20302	
Test Date: 2026-06-05 to 2026-09-01	
Reviewed By: Blue Hu/ <i>Blue Hu</i>	
Approved By: Neo Dong/ <i>Neo Dong</i>	
Prepared By: Shenzhen Tong Chuang Tian Hai Technology Service Co., Ltd. 124, No.66, Zhangge Road, Zhangge Community, Fucheng Street, Longhua District, Shenzhen, Guangdong, China Tel: +86-23761910 http://www.sztcth.com	

Note: This test report is limited to the above client company and the product model only. The test results in the report only apply to the tested sample. It may not be duplicated without prior written consent of Shenzhen Tong Chuang Tian Hai Technology Service Co., Ltd.



TEST REPORT

Article 2 Section 1 Item 19

Report Reference No..... R2605RF20302

Tested by (signature)..... Shawn Lei/Test engineer

Shawn Lei

Reviewed by (signature)..... Blue Hu/Project engineer

Blue Hu

Approved by (signature)..... Neo Dong/Laboratory Manager

Neo Dong

Date of issue..... 2026-09-01

Testing Laboratory Name..... **Shenzhen Tong Chuang Tian Hai Technology Service Co., Ltd.**

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Testing location..... Same as above

Applicant's Name..... **Beijing Makera Technology Co., Ltd.**

Address..... Room 101, 1st Floor, Building 9, No.801 Changlin, Xi Sanqi, Qinghe Subdistrict, Haidian District, Beijing, China

Manufacturer's Name..... **Huaibei Makera Technology Co., Ltd**

Address..... 1st floor, building C1, e-commerce Industrial Park, Suixi Economic Development Zone, Suixi County, Huaibei City, Anhui Province, China

Test specification

Standard..... Article 2 Section 1 Item 19

MIC Notice No.88 Appendix No. 43

TRF Originator..... Shenzhen Tong Chuang Tian Hai Technology Service Co., Ltd.

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The test report merely corresponds to the test sample.

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Test item description..... **Makera Z1 Desktop CNC Machine**

Trade mark..... MAKERA CARVERA

Model and/or type reference..... Z1, Z1Pro

Model Difference..... RF module and antenna are identical for Z1 and Z1Pro. Only motor and motor-driver PCB are different.

Modulation Type..... GFSK

Operation Frequency..... 2402MHz-2480MHz

Note..... /



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1. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

Test Standard	Description of Test	Result
MIC NoticeNo.88 AppendixNo.43 Article 2Paragraph 1 Item19	Frequency Tolerance	Complies
	Antenna power	Complies
	EIRP	Complies
	Antenna Power Tolerance	Complies
	Occupied Bandwidth	Complies
	Spread Bandwidth	Complies
	Spurious Emissions	Complies
	Carrier sensing function	NA
	Interference prevention function	Complies
	Secondary Radiated Emissions	Complies
	Transmission Radiated Angle Width (3dB Beam Bandwidth)	NA
	Antenna Absolute Gain	NA
Note 1; NA = Not Applicable		



1.1 measurement uncertainty

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 TR-100028-01 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics;Part 1" and TR-100028-02 "Electromagnetic compatibilityand Radio spectrum Matters (ERM);Uncertainties in the measurementof mobile radio equipment characteristics;Part 2 " and is documented in the Bontek Compliance Testing Laboratory 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.

Test Items	Measurement Uncertainty	Notes
RF Output Power	± 0.352 dB	
Transmitter power conducted	± 1.24 dB	(1)
Power Spectral Density	± 1.50 dB	(1)
Occupied Channel Bandwidth	$\pm 0.0005\%$	(1)
Duty cycle, Tx-sequence and Tx-gap&Medium utilization	$\pm 0.566\%$	(1)
Adjacent channel power	± 0.751 dB	(1)
Conducted spurious emission (30-1000HMz)	± 0.746 dB	(1)
Conducted spurious emission (1000-12750HMz)	± 1.328 dB	(1)
Conducted spurious emission (12750-26000HMz)	± 1.04 dB	(1)
All emission, radiated	± 6 dB	(1)

Note:

(1) Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus.

(2) The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

(3) The measurement uncertainty is not included in the test result.



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Name of EUT:	Makera Z1 Desktop CNC Machine
Model Number:	Z1, Z1Pro
Operation Frequency:	2402MHz-2480MHz
Channel Numbers:	40 channels for BT-LE
Type of equipment:	Data transmission equipment operating in the 2.4GHz
Modulation technology:	DTS
Modulation type:	BT-LE(GFSK)
HW-Release No:	1.1
SW-Release No:	1.0
Antenna Type:	PCB Antenna
Antenna Gain:	1.63dBi (Provided by customer)
Ratings:	AC100-240V, 50/60Hz, 300W
Sample No.:	TCL2605RED203-02

NOTE:

1. For the test results, the EUT had been tested with all conditions.
2. The above EUT information was declared by manufacturer and for more detailed features description please refers to the manufacturer's specifications or user's manual.



2.2 DESCRIPTION OF TEST CHANNELS

40 channels are provided for BT-LE(GFSK):

CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

NOTE:

1. The channels which were indicated in bold type of the above channel list were selected as representative test channel. Therefore only the data of the test channels were recorded in this report.
2. By means of test software for BT LE provided by manufacture, the power levels during the tests were set according to the following codes:

BT-LE (GFSK)	
CHANNEL	POWER SETTING
0	Default
19	Default
39	Default



2.3 TEST CONDITIONS

Test conditions	Voltage (Vdc)
V_{normal}	3.3
V_{max}	3.6
V_{min}	2.97

Apply the input DC voltage to the EUT and vary the DC input voltage with +10% and -10%, then check how much the "output voltage" varies at two measuring points within the radio section:

1) Measure the output voltage in the RF circuit

2) Measure the output voltage at the modulation circuit

a). If the voltage variation at both parts appears to be more than 1%, then it is mandatory to perform further testing at 3 voltage levels ($V-10\%$, V_{nominal} , $V+10\%$).

b). If the voltage variation at both parts appears to be less than 1%, then you only have to conduct further testing at V_{nominal} .

During the input supply voltage to the EUT from the external power source, EUT only operated in normal voltage to test all regulations.

Test Voltage Information		
Power supply voltage 3.3V DC (Normal)	Power supply voltage 3.6V DC(+10%)	Power supply voltage 2.97V DC(-10%)
RF module voltage DC 3.3V	RF module voltage DC 3.3V	RF module voltage DC 3.3V
When EUT be operated at 10% from the normal supply voltage, the supply voltage of RF part was varied within 1%. All test cases were done under the normal supply voltage.		

2.4 ASSEMBLY

The radio frequency circuit is located inside the device under test, and its casing consists of a metal shielding cover.

2.5 ANTENNA SPECIFICATIONS

2.5.1 ANTENNA GAIN

Ant. Type	Connector Type	Highest Peak Gain (dBi) 2.4GHz ~ 2.5GHz
PCB Antenna	N/A	1.63

2.5.2 ANTENNA PATTERN

Please refer to the attached file (Antenna report).

**2.6 EQUIPMENTS USED DURING THE TEST**

RF Test System					
Kind of Equipment	Manufacturer	Type	S/N	Calibration time	Calibrate until
Wideband radio communication tester	R&S	CMW500	131134	2025-11-14	2026-11-13
EXA Signal Analyzer	Keysight	N9010A	MY54488841	2026-05-04	2027-05-05
MXG Vector Signal Generator	Agilent	N5182B	MY59100603	2025-07-21	2026-07-20
MXG Vector Signal Generator	Agilent	N5182B	MY59100603	2026-07-21	2027-07-22
Signal Generator	R&S	SMB100A	113650	2026-05-04	2027-05-05
RF control unit	Tonscend	JS0806-2	21C8060397	2026-05-04	2027-05-05
DC Power supply	Agilent	E3632A	MY50120052	2026-05-04	2027-05-05
Oscilloscope	Agilent	DSO9254A	MY59567894	2026-05-04	2027-05-05
RF test system	Tonscend	/	Ver: V3.7.90	/	/
Attenuator	COM-MW	18G2W 10dB	/	/	/
Calibration Agencies: GRG Metrology (Shenzhen) Co., Ltd.					

NOTE:

- 1.The calibration interval of the above test instruments is 12 months
- 2.Calibration by the calibration agencies listed in the table correspond to paragraph 4 (ii) (c) of Article 24-2 in the Radio Law.
- 3.The instrument RF Control unit contains power meter.



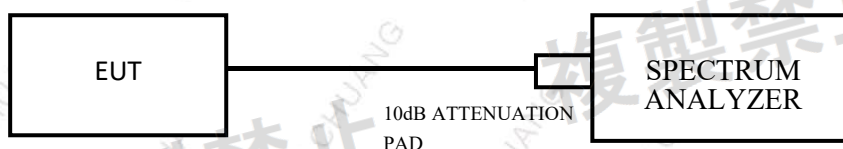
3. TEST TYPES AND RESULTS

3.1 FREQUENCY TOLERANCE MEASUREMENT

3.1.1 LIMITS OF FREQUENCY TOLERANCE MEASUREMENT

ITEM	LIMITS (See Article 5, Table1 of the Ordinance Regulating Radio Equipment)
Frequency Error	±50ppm

3.1.2 TEST SETUP



3.1.3 TEST PROCEDURES

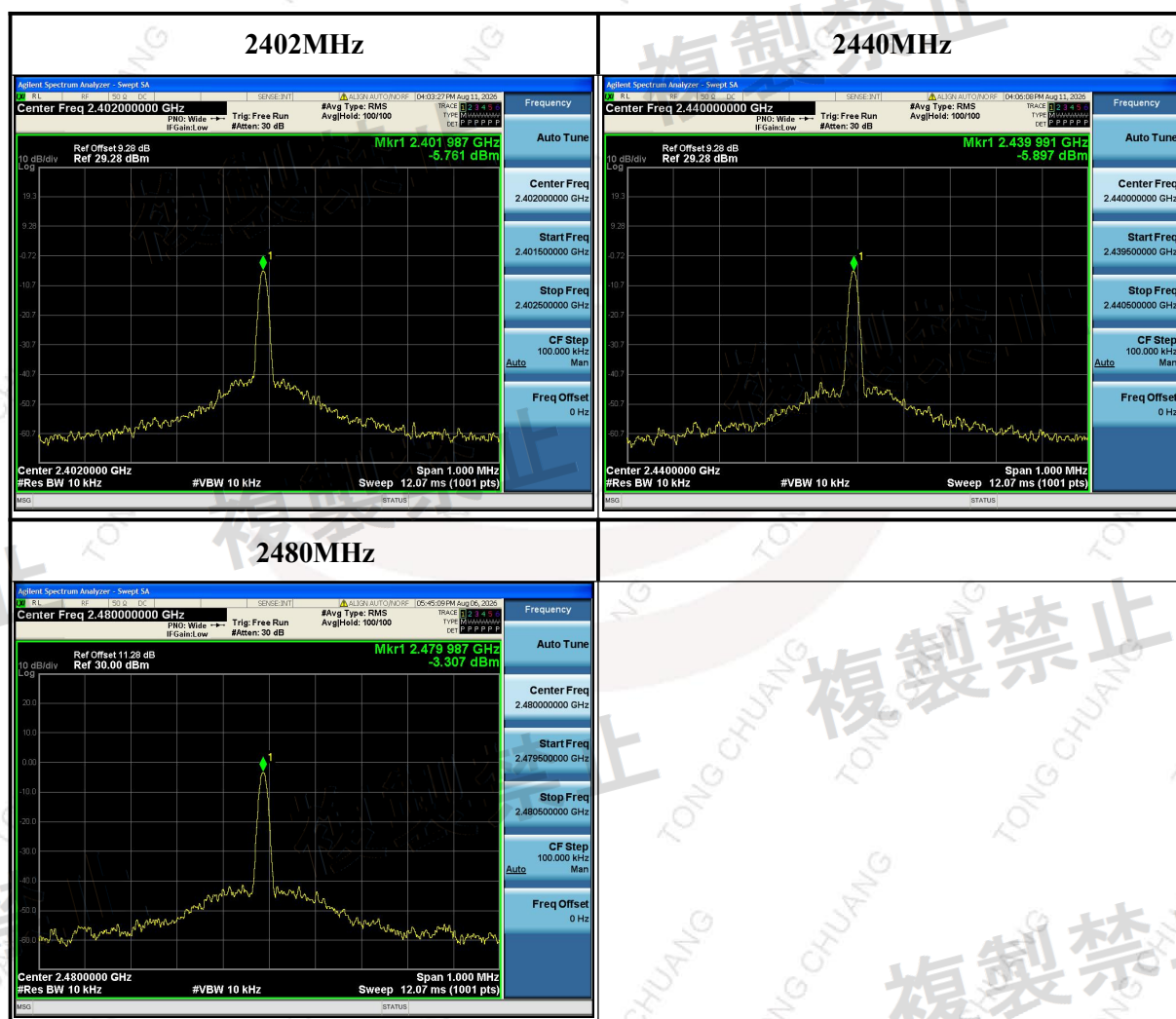
- 1.Frequency accuracy of SA shall be less than 10% of limits tolerance (5ppm)
- 2.Setting of SA is following as: RBW:10 kHz / VBW:10 kHz / SPAN: 1MHz / AT: 30dB / Ref: 15dBm
- 3.Center Frequency: The center frequency of testing for EUT
- 4.Sweep time: Auto
- 5.Sweep mode: Continuous sweep
- 6.Detect mode: Positive peak
- 7.EUT have transmitted absence of modulation signal and fixed channelize. f is using the mark cursor to mark the peak frequency value, f_c is declaring of channel frequency.
Then the frequency error formula is $(f_c - f) / f_c \times 10^6$ ppm and the limit is less than ±50ppm



3.1.4 TEST RESULTS

BT-LE (GFSK)

ENVIRONMENTAL CONDITIONS			24.5 deg.C, 49 % RH	
Channel	Frequency (MHz)	Measured (MHz)	Result[ppm]	Limit[ppm]
0	2402	2401.987	-5.412	±50
19	2440	2439.991	-3.689	
39	2480	2479.987	-5.242	





3.2 OCCUPIED BANDWIDTH MEASUREMENT (99% POWER BANDWIDTH)

3.2.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

ITEM	LIMIT	REMARK
Occupied bandwidth	<26MHz	For 802.11b, g & 802.11n (HT20)
Occupied bandwidth	<26MHz	For BT-LE (GFSK)

3.2.2 TEST SETUP



3.2.3 TEST PROCEDURES

1. Setting of SA is following as: RBW:30kHz / VBW: 30kHz / SPAN: 4MHz
2. EUT continuous maximum power of hopping mode.
SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is <26MHz.
3. SA set to 90% of occupied bandwidth to measure Spread Spectrum Bandwidth

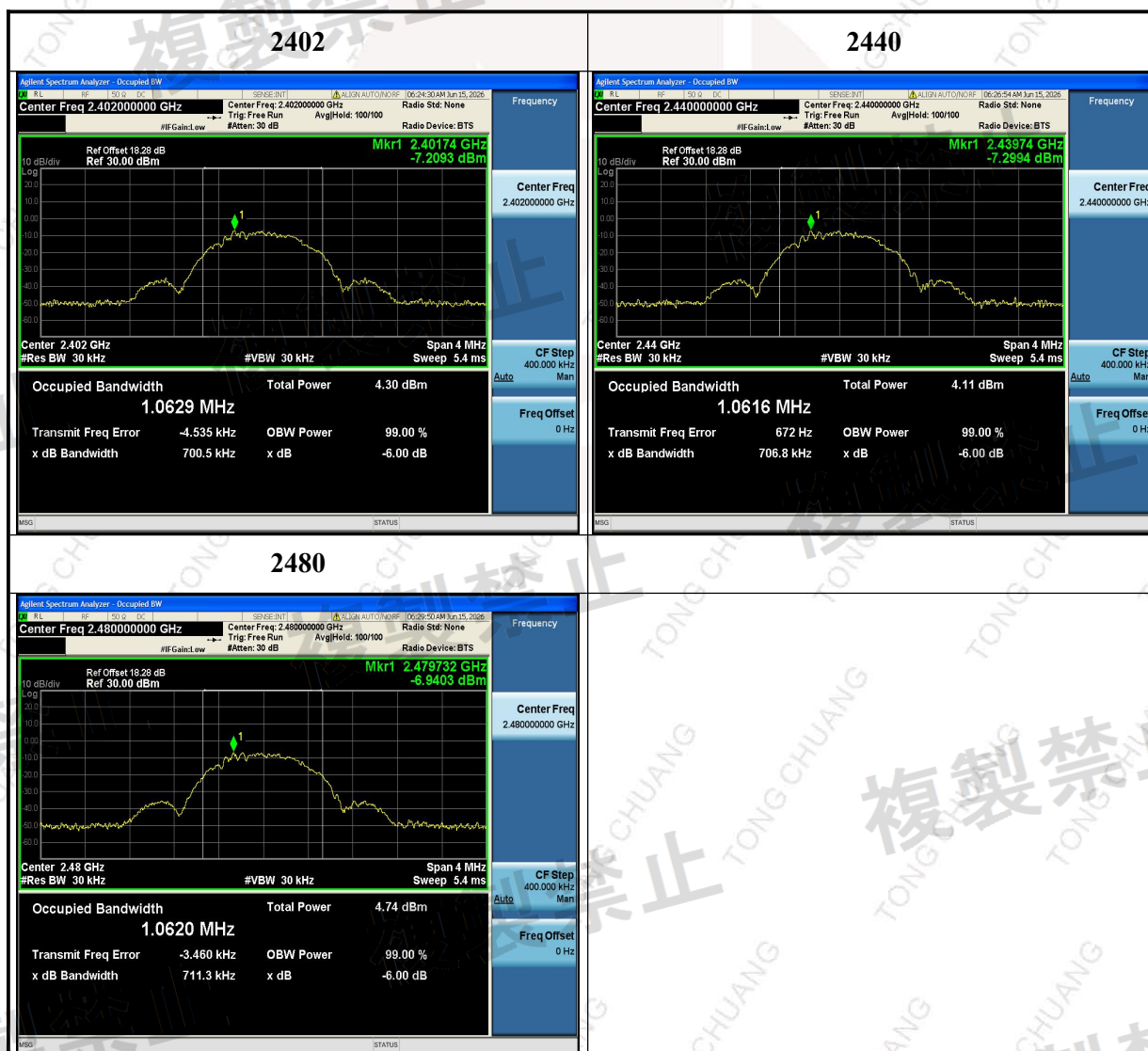


3.2.4 TEST RESULTS

BT-LE (GFSK)

ENVIRONMENTAL CONDITIONS		24.5 deg.C, 49 % RH
CHANNEL	FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)
0	2402	1.063
19	2440	1.062
39	2480	1.062
Measurement uncertainty		± 206.50 Hz

NOTE: For the test plots please refer to the below pages.



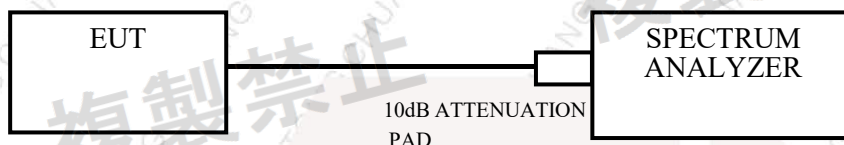


3.3 SPREADING BANDWIDTH MEASUREMENT (90% POWER BANDWIDTH)

3.3.1 LIMITS OF SPREADING BANDWIDTH AND SPREADING FACTOR

ITEM	LIMIT	REMARK
SPREADING BANDWIDTH	$\geq 500\text{kHz}$	
SPREADING FACTOR	≥ 5	Operating frequency 2400 to 2483MHz
	≥ 10	Operating frequency 2471 to 2497MHz

3.3.2 TEST SETUP



3.2.3 TEST PROCEDURES

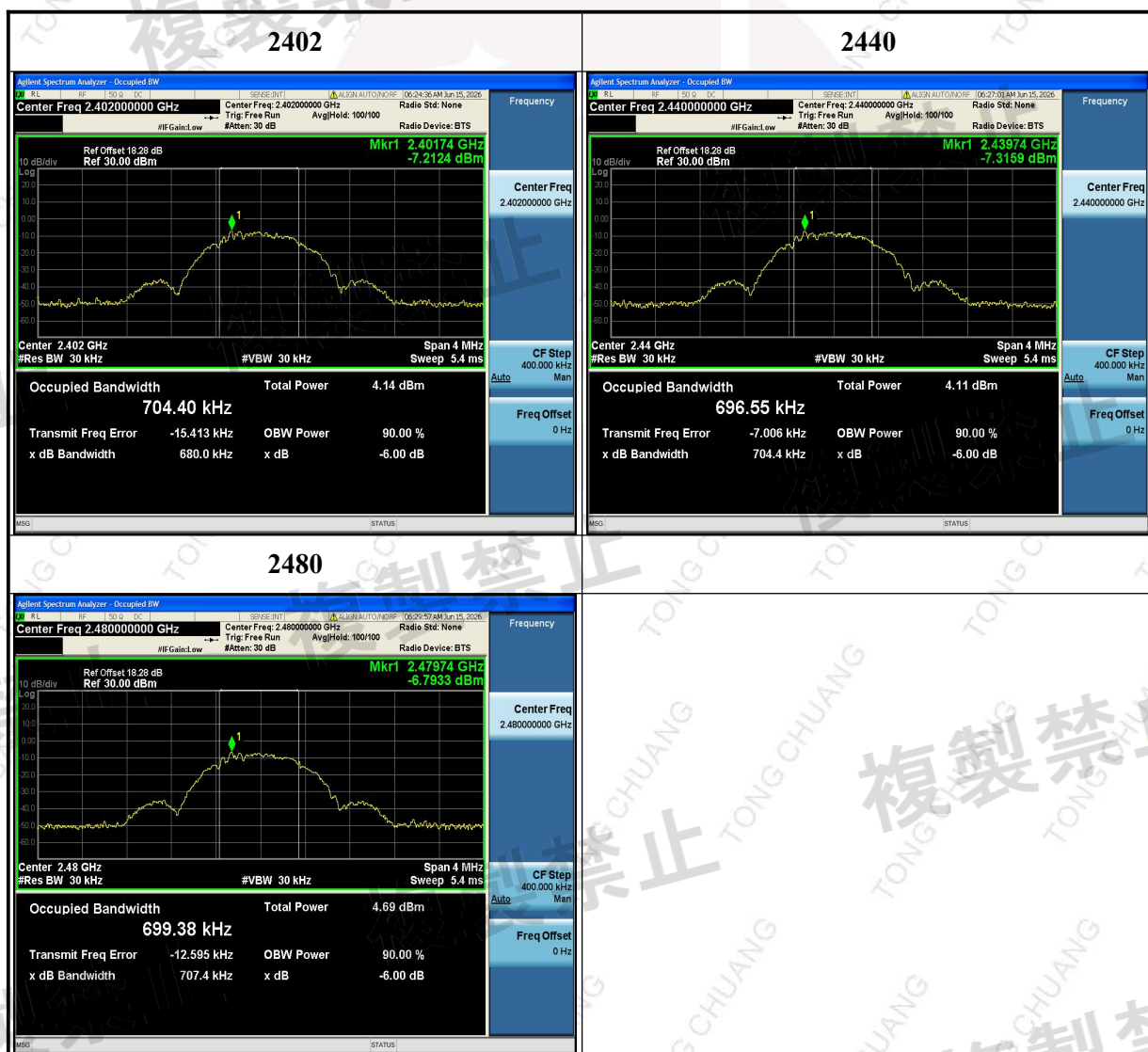
1. Setting of SA is following as: RBW:30kHz / VBW: 30kHz / SPAN: 4MHz
2. EUT continuous maximum power of hopping mode.
- SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is <26MHz.
3. SA set to 90% of occupied bandwidth to measure Spread Spectrum Bandwidth



3.3.4 TEST RESULTS

BT-LE (GFSK)

ENVIRONMENTAL CONDITIONS		24.5 deg.C, 49 % RH
CHANNEL	FREQUENCY (MHz)	SPREADING BANDWIDTH (MHz)
0	2402	0.704
19	2440	0.697
39	2480	0.699
Measurement uncertainty		± 261.62 Hz





3.4 SPURIOUS EMISSIONS FOR TRANSMITTER MEASUREMENT

3.4.1 LIMITS OF SPURIOUS EMISSIONS

FREQUENCIES (MHz)	LIMIT
Operating frequency 2400 to 2483.5MHz	
30.0MHz to 1000.0MHz	$\leq 0.25 \mu\text{W}/100\text{kHz}$
1000.0MHz to 2387MHz	$\leq 2.5\mu\text{W}/\text{MHz}$
2387.0MHz to 2400.0MHz	$\leq 25\mu\text{W}/\text{MHz}$
2483.5MHz to 2496.5MHz	$\leq 25\mu\text{W}/\text{MHz}$
2496.5MHz to 12500.0MHz	$\leq 2.5\mu\text{W}/\text{MHz}$

3.4.2 TEST SETUP



3.4.3 TEST PROCEDURES

Spectrum Analyzer	Setting
Attenuation	Auto
RBW	100 KHz: 30 MHz $\leq f < 1000$ MHz 1 MHz: 1000 MHz $\leq f < 5\text{th Harmonics}$
VBW	100 KHz: 30 MHz $\leq f < 1000$ MHz 1 MHz: 1000 MHz $\leq f < 5\text{th Harmonics}$
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

- 1.EUT have the continuous reception mode and fixed only one channelize.
- 2.Setting of SA is following as 30MHz and stop frequency 1000MHz Then to mark peak reading value + cable loss shall be less than $0.25\mu\text{W}$.
- 3.Setting of SA is following as 1000MHz and stop frequency 2387MHz Then to mark peak reading value + cable loss shall be less than $2.5\mu\text{W}$.
- 4.SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than $25\mu\text{W}$.
- 5.SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz Then to mark peak reading value + cable loss shall be less than $25\mu\text{W}$
- 6.SA adjusted to start frequency 2496.5MHz and stop frequency 12500MHz Then to mark peak reading value + cable loss shall be less than $2.5\mu\text{W}$



3.4.4 TEST RESULTS

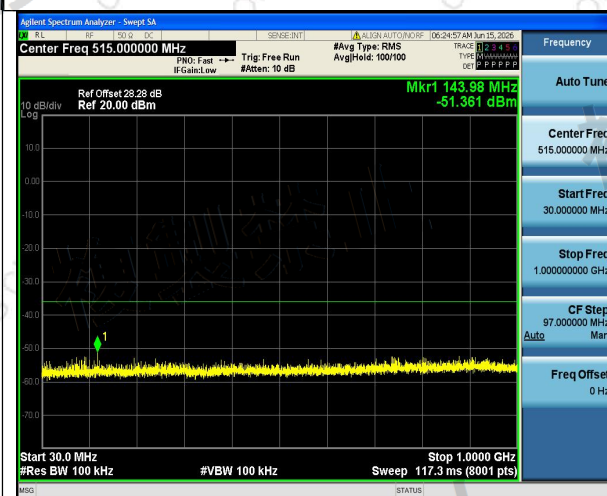
BT-LE (GFSK)

ENVIRONMENTAL CONDITIONS		24.2 deg.C, 58% RH							
TEST CHANNEL		CH0 (2402MHz)			CH19 (2440MHz)			LIMIT	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)	MEASURE VALUE (dBm)	MEASURE VALUE (μW)	FREQUENCY (MHz)	MEASURE VALUE (dBm)	MEASURE VALUE (μW)		
V _{normal}	30.0MHz to 1000.0MHz	143.98	-51.36	0.00731	91.35	-50.67	0.00857	0.25uW	PASS
	1000.0MHz to 2387MHz	2356.49	-51.23	0.00753	2366.20	-50.67	0.00857	2.5uW	PASS
	2387.0MHz to 2400.0MHz	2399.9968	-36.64	0.21677	2390.1493	-50.86	0.00820	25uW	PASS
	2483.5MHz to 2496.5MHz	2491.3439	-51.13	0.00771	2495.0879	-52.31	0.00587	25uW	PASS
	2496.5MHz to 12500.0MHz	5738.6000	-39.44	0.11376	4880.4000	-43.24	0.04742	2.5uW	PASS

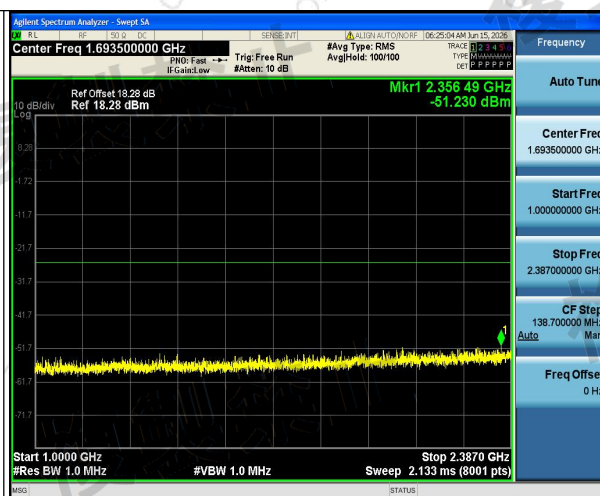
ENVIRONMENTAL CONDITIONS		24.2 deg.C, 58% RH				
TEST CHANNEL		CH39 (2480MHz)			LIMIT	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)	MEASURE VALUE (dBm)	MEASURE VALUE (μW)		
V _{normal}	30.0MHz to 1000.0MHz	143.98	-51.54	0.00701	0.25uW	PASS
	1000.0MHz to 2387MHz	2372.44	-51.16	0.00766	2.5uW	PASS
	2387.0MHz to 2400.0MHz	2394.8699	-50.50	0.00891	25uW	PASS
	2483.5MHz to 2496.5MHz	2483.56056	-49.82	0.01042	25uW	PASS
	2496.5MHz to 12500.0MHz	5749.6000	-38.95	0.12735	2.5uW	PASS



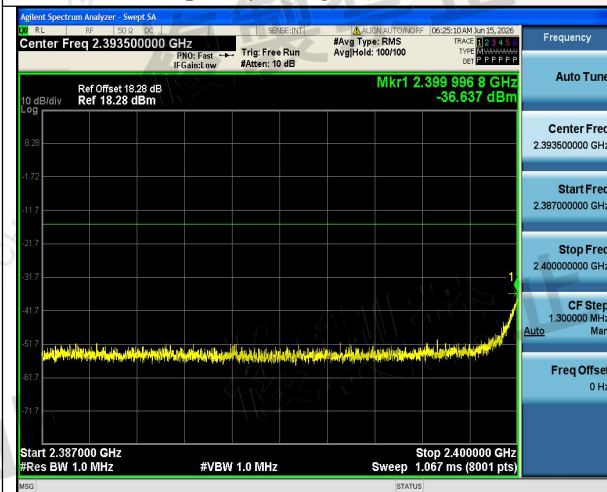
Vnormal
Channel 0



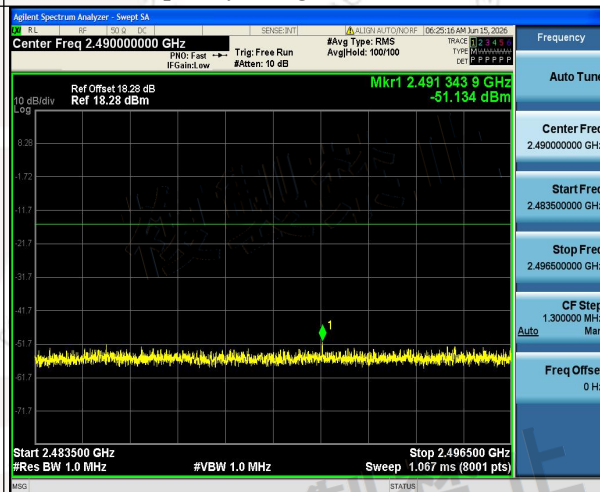
Test Frequency Range: 30MHz - 1GHz



Test Frequency Range: 1GHz - 2.387GHz



Test Frequency Range: 2.387GHz - 2.4GHz



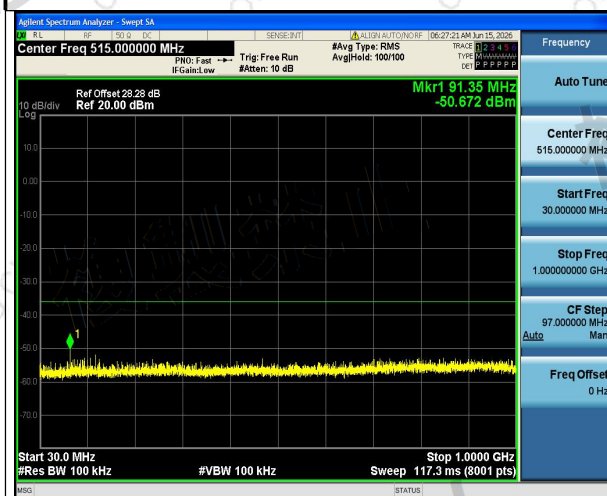
Test Frequency Range: 2.4835GHz - 2.4965GHz



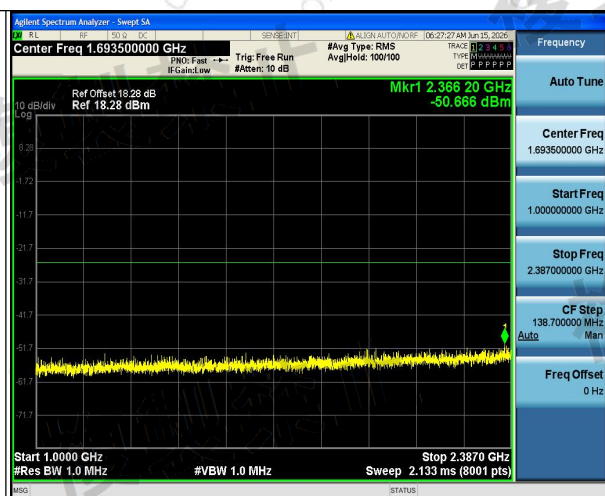
Test Frequency Range: 2.4965GHz - 13GHz



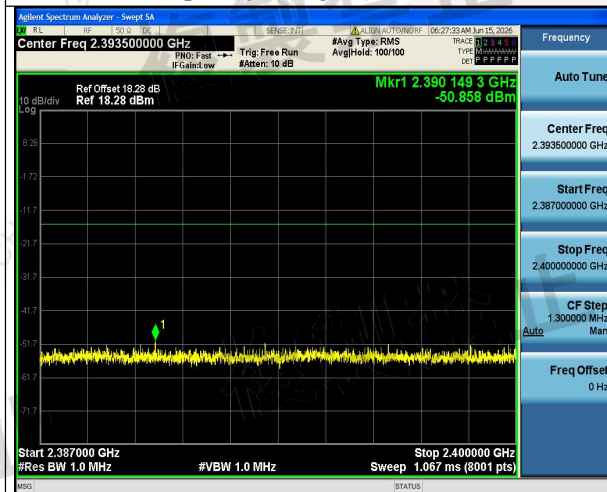
Vnormal
Channel 19



Test Frequency Range: 30MHz - 1GHz



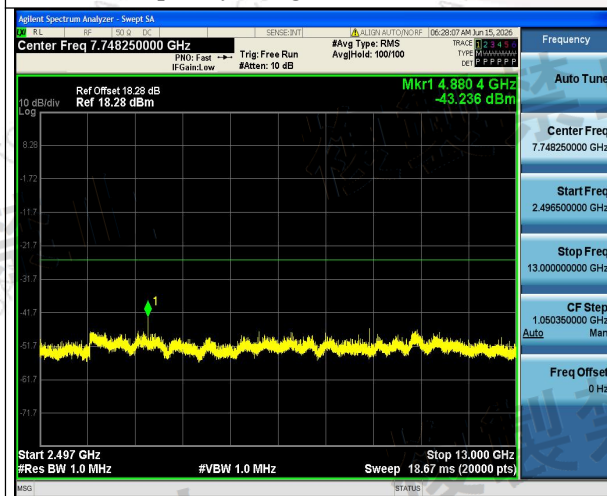
Test Frequency Range: 1GHz - 2.387GHz



Test Frequency Range: 2.387GHz - 2.4GHz



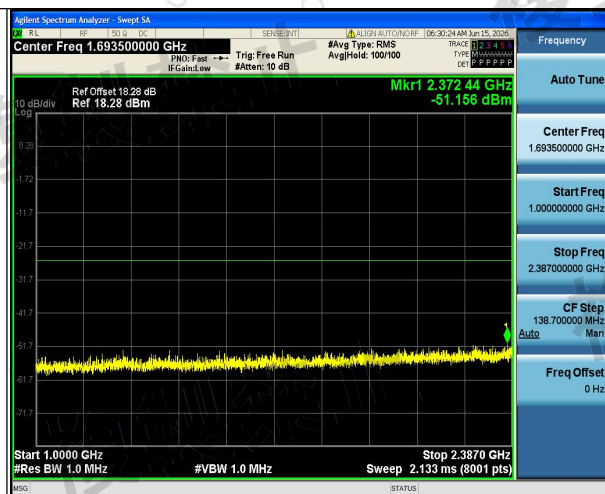
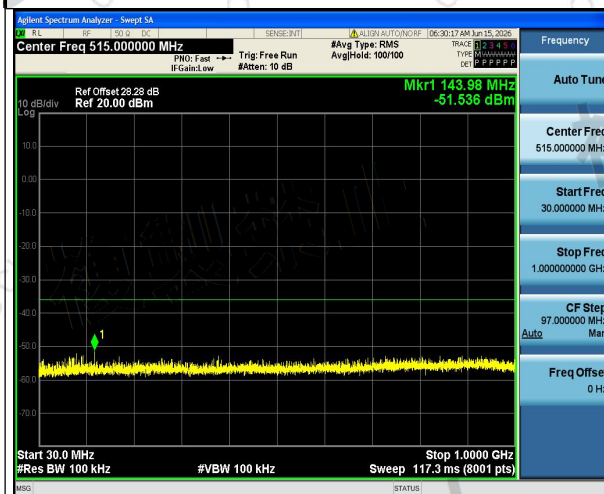
Test Frequency Range: 2.4835GHz - 2.4965GHz



Test Frequency Range: 2.4965GHz - 13GHz

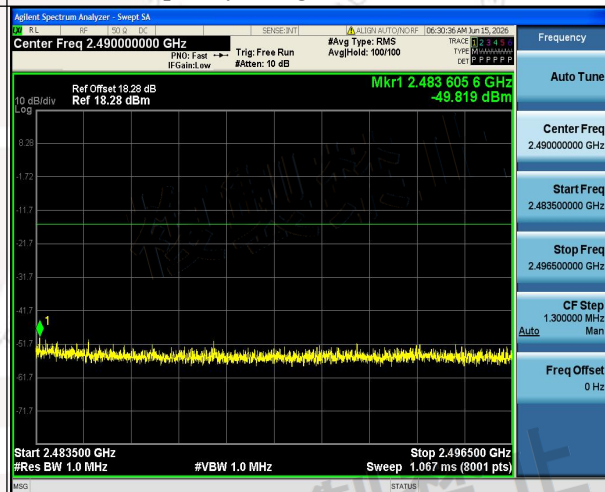
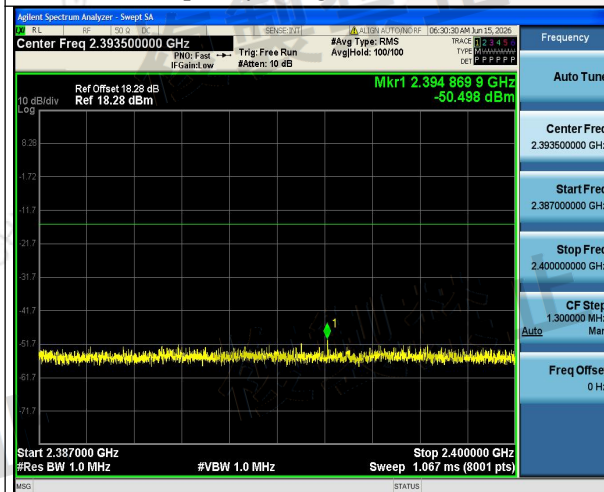


Vnormal
Channel 39



Test Frequency Range: 30MHz – 1GHz

Test Frequency Range: 1GHz – 2.387GHz



Test Frequency Range: 2.387GHz – 2.4GHz

Test Frequency Range: 2.4835GHz – 2.4965GHz



Test Frequency Range: 2.4965GHz – 13GHz

Note: SA set to from 2.4965GHz to 13GHz, plot shows from 2.497GHz to 13GHz as of SA's default format.



3.5 ANTENNA POWER MEASUREMENT

3.5.1 LIMITS OF ANTENNA POWER

Modulation system	Frequency band used	Antenna power (max.)	EIRP (max)	
			Omni-directional case	Directional case
DS.OFDM (Narrow-Band)	2,400 – 2,4835 MHz	10mW/MHz	12.14 dBm/MHz (16.367 mW/MHz)	22.14 dBm/MHz (163.682 mW/MHz)
OFDM (Wide-Band)	2,400 – 2,4835 MHz	5mW/MHz	9.13dBm/MHz (8.185mW/MHz)	19.13dBm/MHz (81.846mW/MHz)
DTS	2,400 – 2,4835 MHz	10mW	12.14 dBm 16.367 mW	22.14 dBm 163.682 mW

Tolerance of antenna power shall be +20% (upper value) .

According article 49.20 f(2)The angular width of the principal radiation in the horizontal and vertical planes of the transmitting antenna shall not exceed the value obtained by the following expression. $360/A$ degree
A represents the value determined by dividing an equivalent isotropically radiated power by the value obtained by applying an antenna power with the mean power of 10 mW to the transmitting antenna with its absolute gain being 2.14 dB, and shall be 1 when it is lower than 1

3.5.2 TEST SETUP



3.5.3 TEST PROCEDURES

- 1.EUT turn to test frequency channel and continuous maximum power of hopping mode.
- 2.Reading the output power from the Power meter as P_{EUT} .



3.5.4 Conducted output power

BT-LE (GFSK)

ENVIRONMENTAL CONDITIONS		23.8 deg.C, 53.9% RH			
Antenna Power					
Test Condition	Channel	Result(dBm)	Result(mw)	Limit(mw)	Verdict
NTNV	2402	-2.64	0.5445	≤10	PASS
	2440	-2.93	0.5093	≤10	PASS
	2480	-2.19	0.6039	≤10	PASS

ENVIRONMENTAL CONDITIONS		23.8 deg.C, 53.9% RH				
Tolerance						
Test Condition	Channel	Power(mw)	RatedPower (mw)	Result (%)	Limit(%)	Verdict
NTNV	2402	0.5445	1	-45.55	-∞ to +20	PASS
	2440	0.5093	1	-49.07	-∞ to +20	PASS
	2480	0.6039	1	-39.61	-∞ to +20	PASS

ENVIRONMENTAL CONDITIONS		23.8 deg.C, 53.9% RH				
EIRP						
Test Condition	Channel	Result(dBm)	Gain(dBi)	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	2402	-2.64	1.63	-1.01	12.14	PASS
	2440	-2.93	1.63	-1.30	12.14	PASS
	2480	-2.19	1.63	-0.56	12.14	PASS

NOTE: EIRP output power = Conducted RF output power + Antenna Gain.

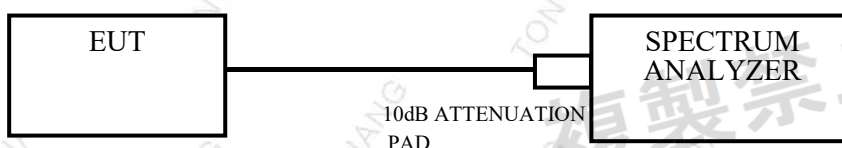


3.6 SPURIOUS EMISSIONS FOR RECEIVER

3.6.1 LIMITS OF SPURIOUS EMISSIONS FOR RECEIVER

Frequencies (MHz)	Limit
Below 1GHz	$\leq 4\text{nW}$ (-54dBm)
Above 1GHz	$\leq 20\text{nW}$ (-47dBm)

3.6.2 TEST SETUP



3.6.3 TEST PROCEDURES

Spectrum Analyzer	Setting
Attenuation	Auto
RBW	100 KHz: 30 MHz $\leq f < 1000$ MHz 1 MHz: 1000 MHz $\leq f < 5\text{th Harmonics}$
VBW	100 KHz: 30 MHz $\leq f < 1000$ MHz 1 MHz: 1000 MHz $\leq f < 5\text{th Harmonics}$
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

- 1.EUT have the continuous reception mode and fixed only one channelize.
- 2.Start frequency 30MHz and Stop frequency 1000MHz. Search to mark peak reading value + cable loss shall be less than 4nW
- 3.Start frequency 1000MHz and Stop frequency 5th Harmonics. Search to mark peak reading value + cable loss shall be less than 20nW
- 4.Max. frequency point of power level of lower emissions is to be indicated in each paragraph.



3.6.4 TEST RESULTS

BT-LE (GFSK)

TEST CHANNEL		CH 0 (2402MHz)			CH 19 (2440MHz)			LIMIT	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)	MEASURE VALUE (dBm)	MEASURE VALUE (nW)	FREQUENCY (MHz)	MEASURE VALUE (dBm)	MEASURE VALUE (nW)		
Vnormal	below 1GHz	985.33	-73.06	0.04943	775.08	-73.08	0.04920	4nW	PASS
	above 1GHz	10751.90	-57.27	1.87499	5745.10	-51.20	7.58578	20nW	PASS
TEST CHANNEL		CH 39 (2480MHz)						LIMIT	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)		MEASURE VALUE (dBm)		MEASURE VALUE (nW)			
Vnormal	below 1GHz	8114.49		-72.96		0.05058		4nW	PASS
	above 1GHz	2419.70		-55.19		3.02691		20nW	PASS



Channel 0

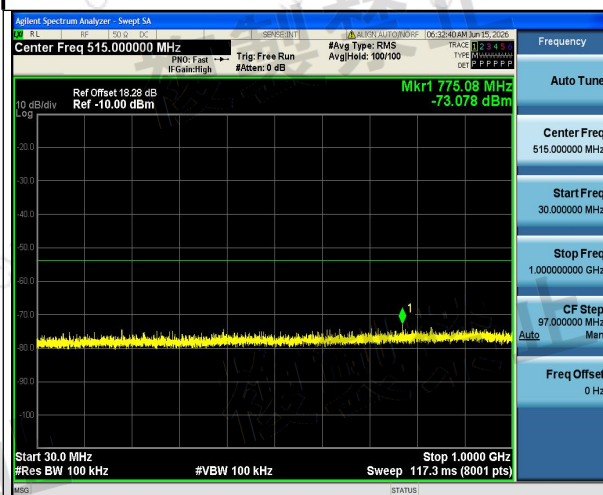


Test Frequency Range: 30MHz – 1GHz

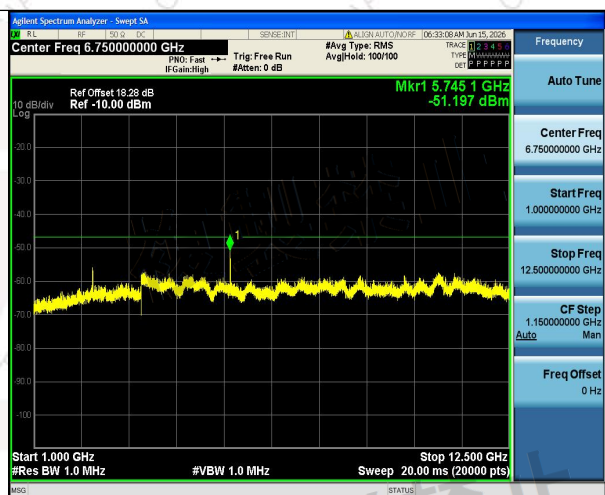


Test Frequency Range: 1GHz - 12.5GHz

Channel 19

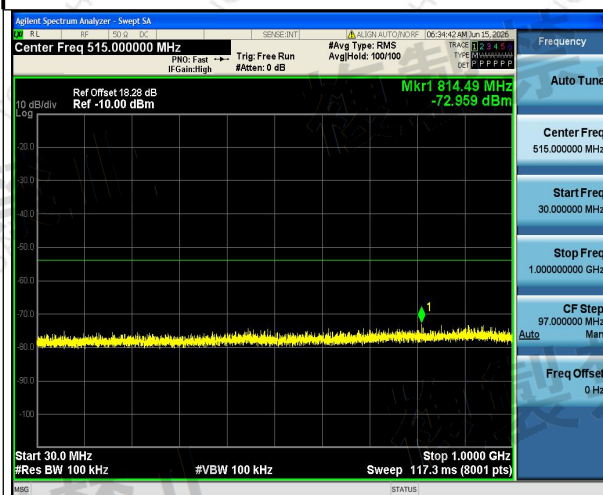


Test Frequency Range: 30MHz – 1GHz



Test Frequency Range: 1GHz - 12.5GHz

Channel 39



Test Frequency Range: 30MHz – 1GHz



Test Frequency Range: 1GHz - 12.5GHz

Measurement uncertainty: ± 2.50 dB

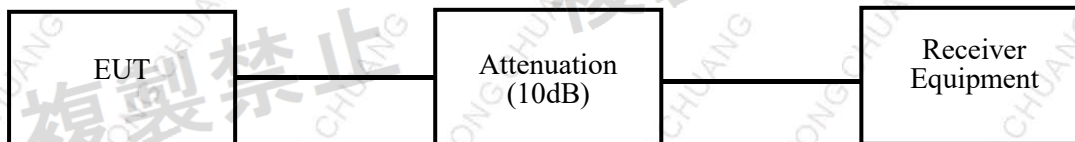


3.7 INTERFERENCE PREVENTION FUNCTION

3.7.1 LIMITS OF INTERFERENCE PREVENTION FUNCTION

N/A

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. In the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes from EUT. b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code: a. Transmit the predetermined identification codes from the counterpart. b. Check if communication is normal. c. Transmit the signals other than predetermined ID codes from the counterpart. d. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

3.7.4 TEST RESULTS

ENVIRONMENTAL CONDITIONS	24.2 deg.C, 46 % RH	
LINK MODE	TEST RESULT	IDENTIFICATION CODE
BT-LE	PASS	38:16:A9:7B:02:1C



4. PHOTOGRAPHS OF THE TEST CONFIGURATION



*****END OF THE REPORT*****