

RADIO TEST REPORT

For

3i Inc

Pivo MIC

Test Model No.: PV-I1MI1

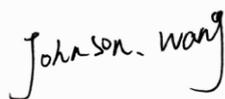
Prepared for : 3i Inc
Address : 3-321 523, Dongdaegu-ro, Dong-gu, Daegu, Republic of Korea

Prepared by : Shenzhen AOCE Electronic Technology Service Co., Ltd
Address : Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China

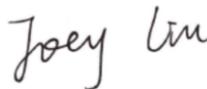
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Date of receipt of test sample : November 08, 2021
Number of tested samples : 1
Serial number : Prototype
Date of Test : November 08, 2021~November 21, 2021
Date of Report : November 21, 2021

RADIO TEST REPORT	
MIC Notice No.88 Appendix No. 43	
Second-Generation Low-Power Data Communication System/Wireless LAN System	
Report Reference No.	: AOC211118101E
Date of Issue.....	: November 21, 2021
Testing Laboratory Name	: Shenzhen AOCE Electronic Technology Service Co., Ltd
Address.....	: Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China
Testing Location/ Procedure	: Full application of Harmonised standards <input checked="" type="checkbox"/> Partial application of Harmonised standards <input type="checkbox"/> Other standard testing method <input type="checkbox"/>
Applicant's Name	: 3i Inc
Address.....	: 3-321 523, Dongdaegu-ro, Dong-gu, Daegu, Republic of Korea
Test Specification	
Standard.....	: MIC Notice No.88 Appendix No.43
Test Report Form No.	: AOCEMC-1.0
TRF Originator.....	: Shenzhen AOCE Electronic Technology Service Co., Ltd
Master TRF	: Dated 2015-06
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Test Item Description	: Pivo MIC
Trade Mark.....	: 
Model/ Type reference	: PV-I1MI1
Ratings.....	: DC 3.7V(280mAh) by rechargeable lithium battery. Recharge by DC 5V.
Result	: Positive

Compiled by:

Johnson Wang/ File administrators

Supervised by:

Joey.Liu/ Technique principal

Approved by:

Murry Yu / Manager

RADIO -- TEST REPORT

Test Report No. : AOC211118101E	<u>November 21, 2021</u> Date of issue
--	---

Type / Model.....	: PV-I1MI1
EUT.....	: Pivo MIC
Applicant.....	: 3i Inc
Address.....	: 3-321 523, Dongdaegu-ro, Dong-gu, Daegu, Republic of Korea
Telephone.....	: /
Fax.....	: /
Manufacturer.....	: Shenzhen Vitalitim Technology Co L.T.D.
Address.....	: RM83C21J, 3rd Floor, Tianjing Building, Tianan Digital City, No.6, Tairan 5th Road, Tianan Community, Shatou Street, Futian District, Shenzhen, China
Telephone.....	: /
Fax.....	: /
Factory.....	: Shenzhen Vitalitim Technology Co L.T.D.
Address.....	: RM83C21J, 3rd Floor, Tianjing Building, Tianan Digital City, No.6, Tairan 5th Road, Tianan Community, Shatou Street, Futian District, Shenzhen, China
Telephone.....	: /
Fax.....	: /

Test Result	Positive
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The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. GENERAL INFORMATION

1.1. Product Description for Equipment Under Test (EUT)

EUT	: Pivo MIC
Model Number	: PV-I1MI1
Bluetooth Version	: V5.0
Frequency Range	: 2402~2480MHz
Declared Antenna Power	: 0.080mW/MHz(DSS);
Software Version	: V1.0
Hardware Version	: 20210925
Modulation Technology	: FHSS(GFSK, $\pi/4$ -DQPSK, 8-DPSK);
Data Rate	: 1~3Mbps;
Antenna Type	: FPC antenna, 1.89dBi

1.2. Host System Configuration List and Details

Manufacturer	Description	Model	Serial Number	Certificate
N/A	N/A	N/A	N/A	N/A

1.3. External I/O Cable

Cable Description	Length (M)	From/Port	To
N/A	N/A	N/A	N/A

1.4. Test Conditions

Temperature Range	:	21-25℃
Humidity Range	:	45-85%
Pressure Range	:	86-106kPa

1.5. Frequency of Channels Bluetooth V5.0(DSS)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
1	2402	41	2442
2	2403	42	2443
--	--	--	--
38	2439	78	2479
39	2440	79	2480
40	2441		

2. TEST METHODOLOGY

2.1. EUT Exercise

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

According to its specifications, the EUT must comply with the requirements of MIC Notice No.88 Appendix No.43.

2.2. Measurement Uncertainty

Test Item		MU	Remark
Bandwidth	:	0.2KHz	/
Antenna Power	:	0.33dB	/
Frequency Tolerance	:	+/-0.03ppm	/
Conducted spurious emission	:	+/-0.13dB	/

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

2.3. Table for Parameters of Test Software Setting

During testing, Channel & Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Power Parameters:

Test Software Version	RF Test Tool		
Frequency	2402MHz	2441MHz	2480MHz
2402-2480MHz	Default	Default	Default

2.4. Description Of Test Modes

Tested channel, Frequency and Modulation Information		
CH1	2402MHz	GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps), 8-DPSK(3Mbps)
CH40	2441MHz	GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps), 8-DPSK(3Mbps)
CH79	2480MHz	GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps), 8-DPSK(3Mbps)
Hopping Mode		GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps), 8-DPSK(3Mbps)
Note: According exploratory test, EUT has maximum output power for GFSK modulation, All the test modes were tested, but only the worst case was recorded in this report.		

2.5. Test Voltage

POWER SUPPLY VOLTAGE FLUCTUATION TEST

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input To EUT	DC 3.7V	DC 4.03V	DC 3.33V
Output To RF Module	DC 3.3V	DC 3.3V	DC 3.3V
Voltage Variation (%)	--	--	--

Note:

As declared by the manufacturer, the IC(PCB Bit Number:U5, SGM3718) regulates the DC power to be 3.3V and supply to the RF module.

Voltage Variation (%)

$$= (\text{Output high or Low Voltage} - \text{Output Normal Voltage}) / \text{Output Normal Voltage} * 100$$

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/-1%. Exempt extremely high and low supply voltage condition test, EUT only operated in nominal voltage to test all regulations.

3. SYSTEM TEST CONFIGURATION

3.1. Justification

The system was configured for testing in a typical fashion.

3.2. EUT Exercise Software

N/A.

3.3. Special Accessories

N/A.

3.4. Block Diagram/Schematics

Please refer to the report.

3.5. Equipment Modifications

Shenzhen AOCE Electronic Technology Service Co., Ltd has not done any modification on the EUT.

4. SUMMARY OF TEST RESULTS

MIC Notice No.88 Appendix No.43 Article 2 Paragraph 1 Item 19		
Clause	Description of Test (Transmitter Parameters)	Result
6	Antenna Power	PASS
6	Tolerances for Antenna Power	PASS
3	Frequency Tolerance	PASS
4	Transmission Rate	PASS
4	Occupied Frequency Bandwidth	PASS
4	Spread Bandwidth	PASS
13	Dwell Time	PASS
5	Spurious Emissions	PASS
10	Transmission Antenna Gain (EIRP Antenna Power)	N/A
11	Transmission Radiated Angle Width (3dB Beam width)	N/A
12	Interference prevention function	PASS
8	Carrier Sensing function	N/A
Receiver Parameters		
7	Secondary Radiated Emissions	PASS
<i>N/A is an abbreviation for Not Applicable.</i>		

5. TEST RESULT

5.1. Antenna Power

5.1.1. Standard Applicable

Type	Limit
Antenna Power	3mW/MHz
Tolerance	+20%,-80%

Upper Limit of EIRP for Modulation Systems

Modulation System	Frequency band used	Antenna power (max)	EIRP (max)	
			Omnidirectional case	Directional case
DS, OFDM	2,400-2,483.5 MHz	10 mW/MHz	12.14 dBm/MHz	22.14 dBm/MHz
FH, DS-FH FH-OFDM	2,400-2,483.5 MHz	3 mW/MHz	6.91 dBm/MHz	16.91 dBm/MHz
	Excluding 2,427-2,470.75 MHz	10 mW/MHz	12.14 dBm/MHz	22.14 dBm/MHz
Other than the above	2,400-2,483.5 MHz	10 mW/MHz	12.14 dBm	22.14 dBm

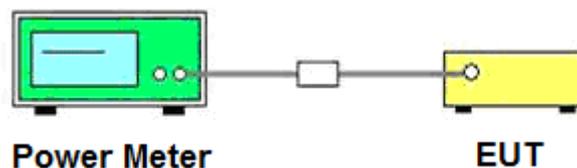
5.1.2. Measuring Instruments

Please refer to section 6 of equipments list in this report.

5.1.3. Test Procedures

- (1) For the frequency hopping system (including the compound system with direct diffusion or orthogonal frequency division multiplexing)
 - A. Measure power sum at output of the dummy load by the high frequency power meter.
 - B. Calculate average power per 1MHz, dividing power sum by diffusion bandwidth.
 - C. Confirm that frequency distribution in frequency hopping is uniform (hopping interval is equal and less than 1MHz) and occurrence probability at each hopping frequency is uniform referring the submitted data. If frequency distribution of frequency hopping is not uniform, other test method shall be separately studied referring "6. Other conditions".
 - D. Antenna power is as follows.
 - i. For continuous wave: calculated value at B
 - ii. For burst wave: Average power in burst wave calculated from value of B and transmitting time ratio.

5.1.4. Test Setup



5.1.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.1.6. Test Result

Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Voltage	DC 3.7V

Average value

Mode	Power(dBm)	Power(mW)	Spreading bandwidth(MHz)	Power(mW/MHz)
DH5	5.62	3.65	70.736	0.067
2DH5	5.43	3.49	70.765	0.064
3DH5	5.18	3.30	70.640	0.060

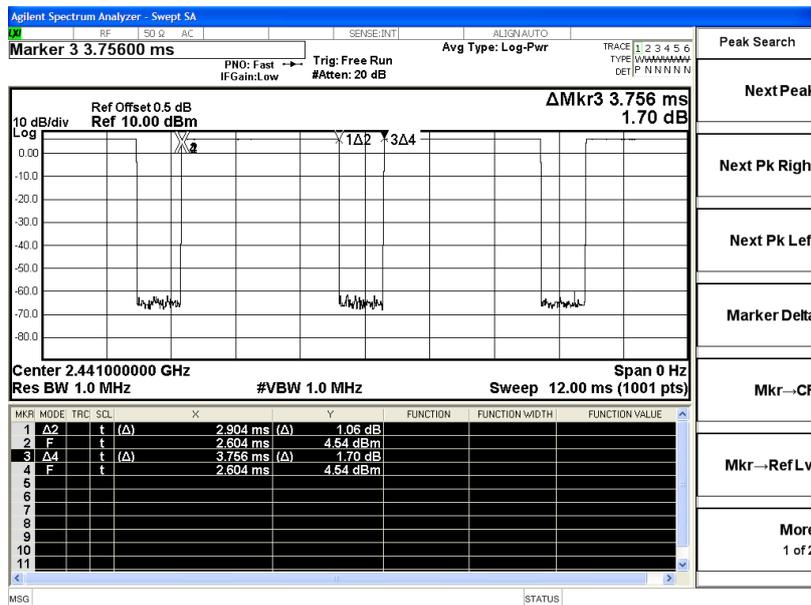
Mode	Declared power	Result	Tolerance	Limit
	(mW/MHz)	(mW/MHz)	/	/
Hoping-Tx (1Mbps)	0.080	0.067	-16.61%	+20%,-80%
Hoping-Tx (2Mbps)	0.080	0.064	-20.22%	+20%,-80%
Hoping-Tx (3Mbps)	0.080	0.060	-24.55%	+20%,-80%

Conclusion: PASS

Result power= Average value / (Duty Cycle * Spreading bandwidth)

Duty cycle=77.3%

Duty cycle= [Ton/ (Ton+Toff)]*100%=2.904/3.755*100%=77.3%



5.2. Frequency Tolerance

5.2.1. Standard Applicable

Tolerance of frequency shall be $\pm 50\text{ppm}$.

5.2.2. Measuring Instruments

Please refer to section 6 of equipments list in this report.

5.2.3. Test Procedures

- a. Set EUT work in test mode as described in clause 2.3.
- b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

Resolution BW: 10KHz.

Video BW: 10KHz.

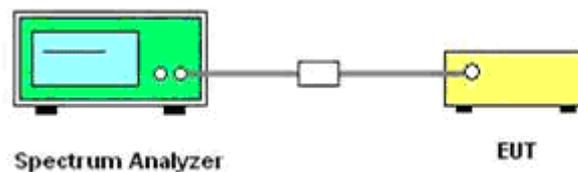
Span: 1MHz.

Detector: Peak.

Trace Mode: Max Hold.

- c. When the trace is complete, find the peak value of the power envelope and record.

5.2.4. Test Setup Layout



5.2.5. EUT Operation during Test

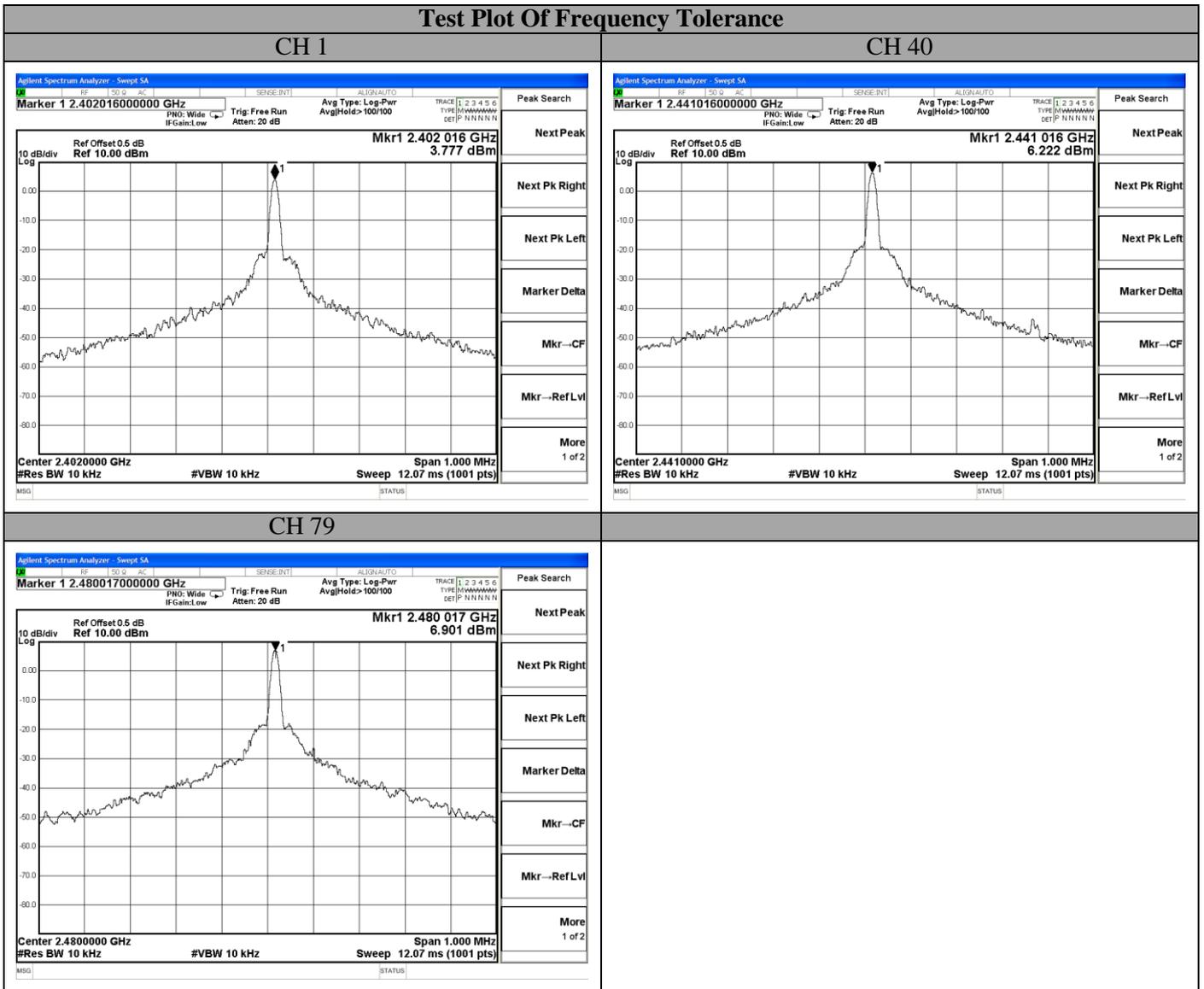
The EUT was programmed to be in continuously transmitting mode.

5.2.6. Test Result

Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Voltage	DC 3.7V

Mode	Channel	Frequency MHz	Measured MHz	Tolerance KHz	Result ppm	Limit ppm
Carrier Tx Mode	1	2402	2402.016	16	6.66	± 50
	40	2441	2441.016	16	6.55	± 50
	79	2480	2480.017	17	6.85	± 50

Test Plot Of Frequency Tolerance



5.3. Occupied Frequency Bandwidth

5.3.1. Standard Applicable

Permissible value for occupied bandwidth using the FH system, a hybrid system combining DS and FH systems, or a hybrid system combining FH and OFDM systems shall be 83.5 MHz or less, while necessary bandwidth (minimum occupied bandwidth sufficient to ensure information transmission of required quality at a required transmission rate for the system used under specified conditions for a given emission type) using a system other than any of the above shall be 26 MHz or less.

5.3.2. Measuring Instruments

Please refer to section 6 of equipments list in this report.

5.3.3. Test Procedures

- a. Set EUT work in test mode as described in clause 2.3.
- b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

Resolution BW: 1MHz.

Video BW: 1MHz.

Span: Wide enough to cover the complete power envelope of the signal of the EUT.

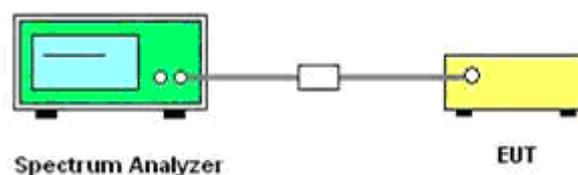
Sweep mode: Continuous sweeping.

Detector: Peak.

Trace Mode: Max Hold.

- c. When the trace is complete, measure the occupied bandwidth (99% bandwidth) with spectrum analyzer's bandwidth measure function.

5.3.4. Test Setup Layout



5.3.5. EUT Operation during Test

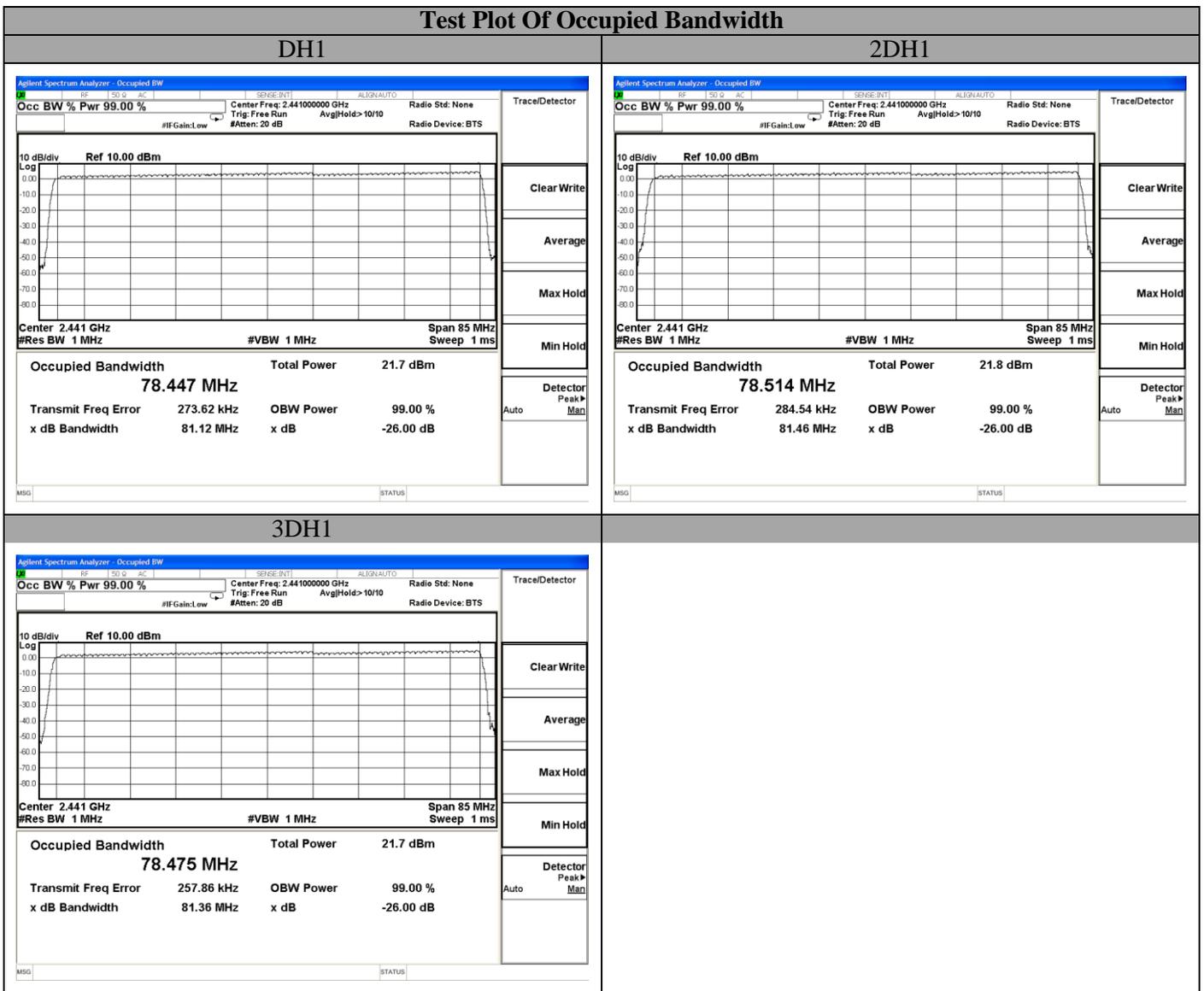
The EUT was programmed to be in continuously transmitting mode.

5.3.6. Test Result of Occupied Bandwidth

Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Voltage	DC 3.7V

Mode	CH	Frequency MHz	Result	Limit
			(MHz)	(MHz)
Hopping (1Mbps)	All	2402-2480	78.447	≅ 83.5
Hopping (2Mbps)	All	2402-2480	78.514	≅ 83.5
Hopping (3Mbps)	All	2402-2480	78.475	≅ 83.5
Conclusion: PASS				

Test Plot Of Occupied Bandwidth



5.4. Spread Bandwidth

5.4.1. Standard Applicable

In spread spectrum systems, spread bandwidth (which refers to a frequency bandwidth with an upper limit and lower limit such that each of the mean powers radiated above the upper frequency limit and below the lower frequency limit is equal to 5 % of the total mean power radiated; this also applies hereafter) shall be 500 kHz or more.

The OFDM system shall have one or more carriers per 1 MHz bandwidth.

5.4.2. Measuring Instruments

Please refer to section 6 of equipments list in this report.

5.4.3. Test Procedures

- a. Set EUT work in test mode as described in clause 2.3.
- b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

Resolution BW: 1MHz.

Video BW: 1MHz.

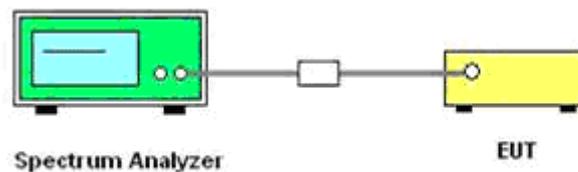
Span: Wide enough to cover the complete power envelope of the signal of the EUT.

Detector: Peak.

Trace Mode: Max Hold.

- c. When the trace is complete, measure the spread bandwidth (90% bandwidth) with spectrum analyzer's bandwidth measure function.

5.4.4. Test Setup Layout



5.4.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.4.6. Test Result of Spectrum Bandwidth

Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Voltage	DC 3.7V

Mode	CH	Frequency MHz	Result	Limit
			(MHz)	(MHz)
Hopping (1Mbps)	All	2402-2480	70.736	>0.5
Hopping (2Mbps)	All	2402-2480	70.765	>0.5
Hopping (3Mbps)	All	2402-2480	70.640	>0.5

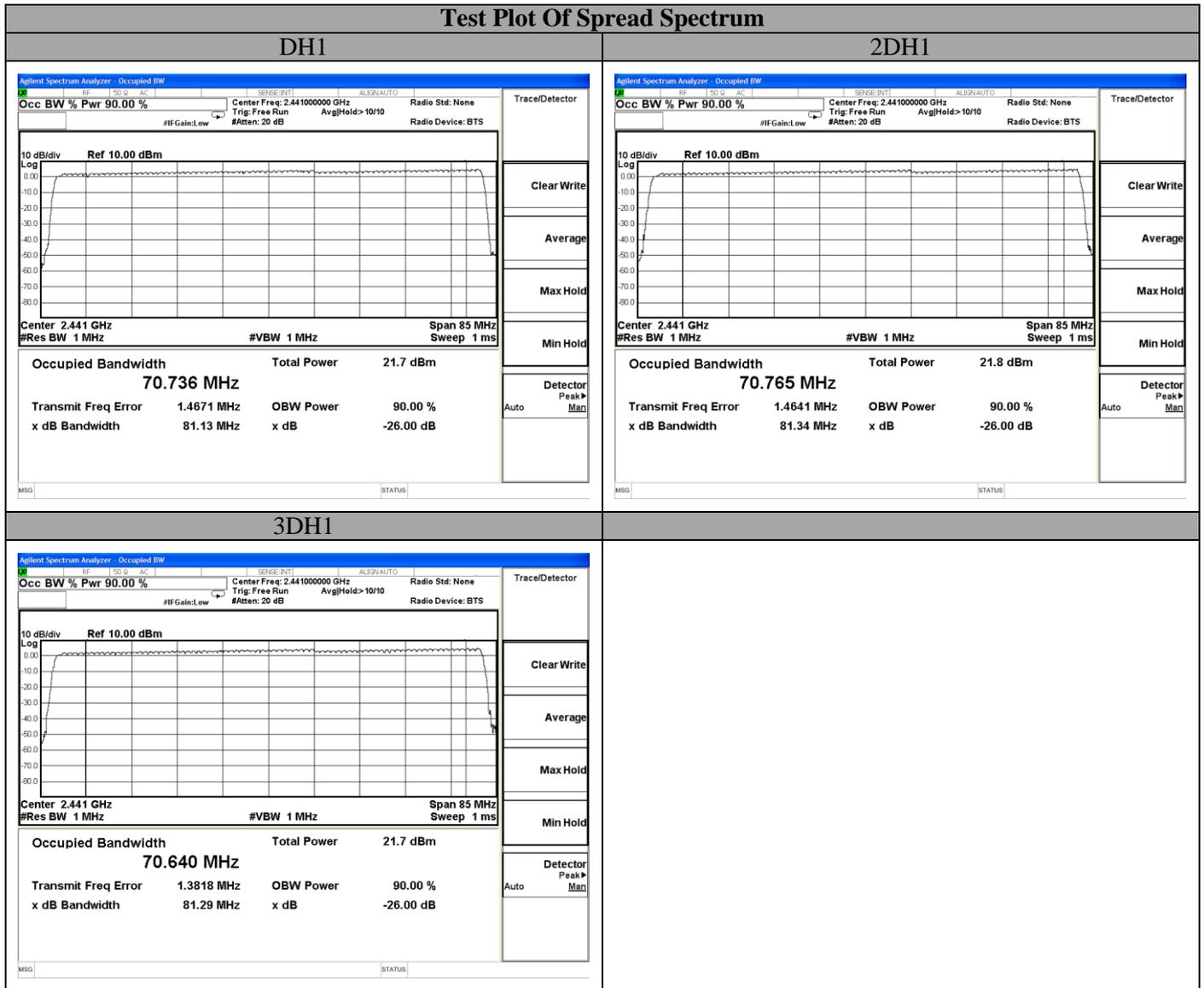
Conclusion: PASS

5.4.7. Test Result of Spread Spectrum Factor

Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Voltage	DC 3.7V

Mode	CH	Result	Modulation Rate	Spread Factor	Limit
		(MHz)	(Mbps)		
Hopping (1Mbps)	All	70.736	1.00	70.736	≥5
Hopping (2Mbps)	All	70.765	2.00	35.383	≥5
Hopping (3Mbps)	All	70.640	3.00	23.547	≥5

Test Plot Of Spread Spectrum



5.5. Dwell Time

5.5.1. Standard Applicable

Frequency dwell time (time during which radio waves continue to be emitted at a specified frequency) of a transmitting equipment using the FH system shall be 0.4 seconds or less.

5.5.2. Test Procedures

- a. Set EUT work in test mode as described in clause 2.3.
- b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

Resolution BW: 1MHz.

Video BW: 1MHz.

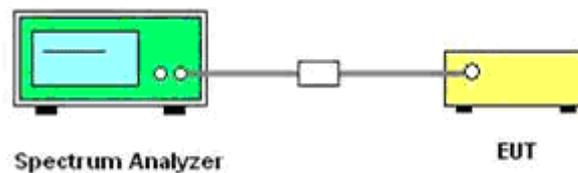
Span: Zero MHz

Detector: Peak.

Trace Mode: Max Hold.

- c. When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.

5.5.3. Test Setup Layout



5.5.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.5.5. Test Results

PASS.

Plaes refer to the following page.

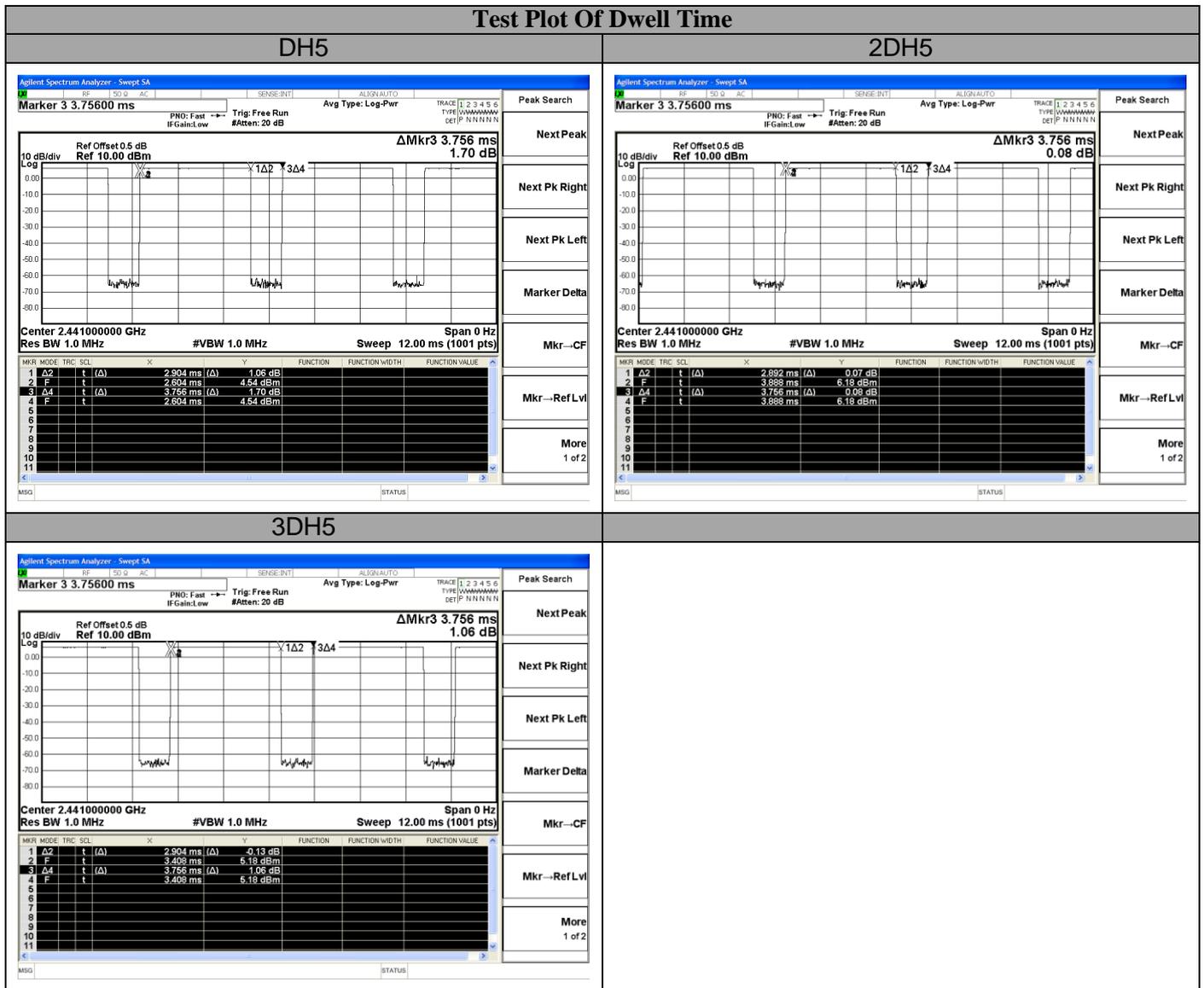
Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Voltage	DC 3.7V

Worst test result of Middle									
Mode	Pulse Time (ms)	Hopping number	Spreading rate	On time(ms)	Cycle time(ms)	Duty cycle	Dwell Time (s)	Limit (s)	Result
1DH5	2.904	79	70.736	2.904	3.756	77.3%	0.277	0.4	Pass
2DH5	2.892	79	35.383	2.892	3.756	77.0%	0.138	0.4	Pass
3DH5	2.904	79	23.547	2.904	3.756	77.3%	0.092	0.4	Pass

*Note 1: Dwell time= (0.4(S)*spreading rate*sending time of 1 burst(s)/(burst cycle(s)*No. of hopping channel)

Note 2: Only record the worst result.

The test data refer to the following:



5.6. Transmitter Spurious Emissions (conducted)

5.6.1. Standard Applicable

Permissible mean power of spurious emission of each frequency supplied to a feeder, that is, mean power of spurious emission in the 1 MHz bandwidth at frequency f other than frequency band used shall be as follows:

- a. $2,387\text{MHz} \leq f \leq 2,400\text{MHz}$ and $2,483.5\text{MHz} < f \leq 2,496.5\text{MHz}$ $25 \mu\text{W}$ or less
- b. $2,387\text{MHz} > f$ and $2,496.5\text{MHz} < f$ $2.5 \mu\text{W}$ or less

5.6.2. Measuring Instruments

Please refer to section 6 of equipments list in this report.

5.6.3. Test Procedures

- a. Set EUT work in test mode as described in clause 2.3.
- b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

Below 1GHz: RBW/VBW= 100KHz / 100KHz

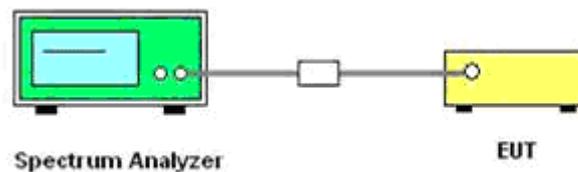
Above 1GHz: RBW/VBW= 1MHz / 1MHz.

Detector: Peak.

Trace Mode: Max Hold.

- c. All the emissions from 30MHz to 13GHz were measured and record.

5.6.4. Test Setup Layout



5.6.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

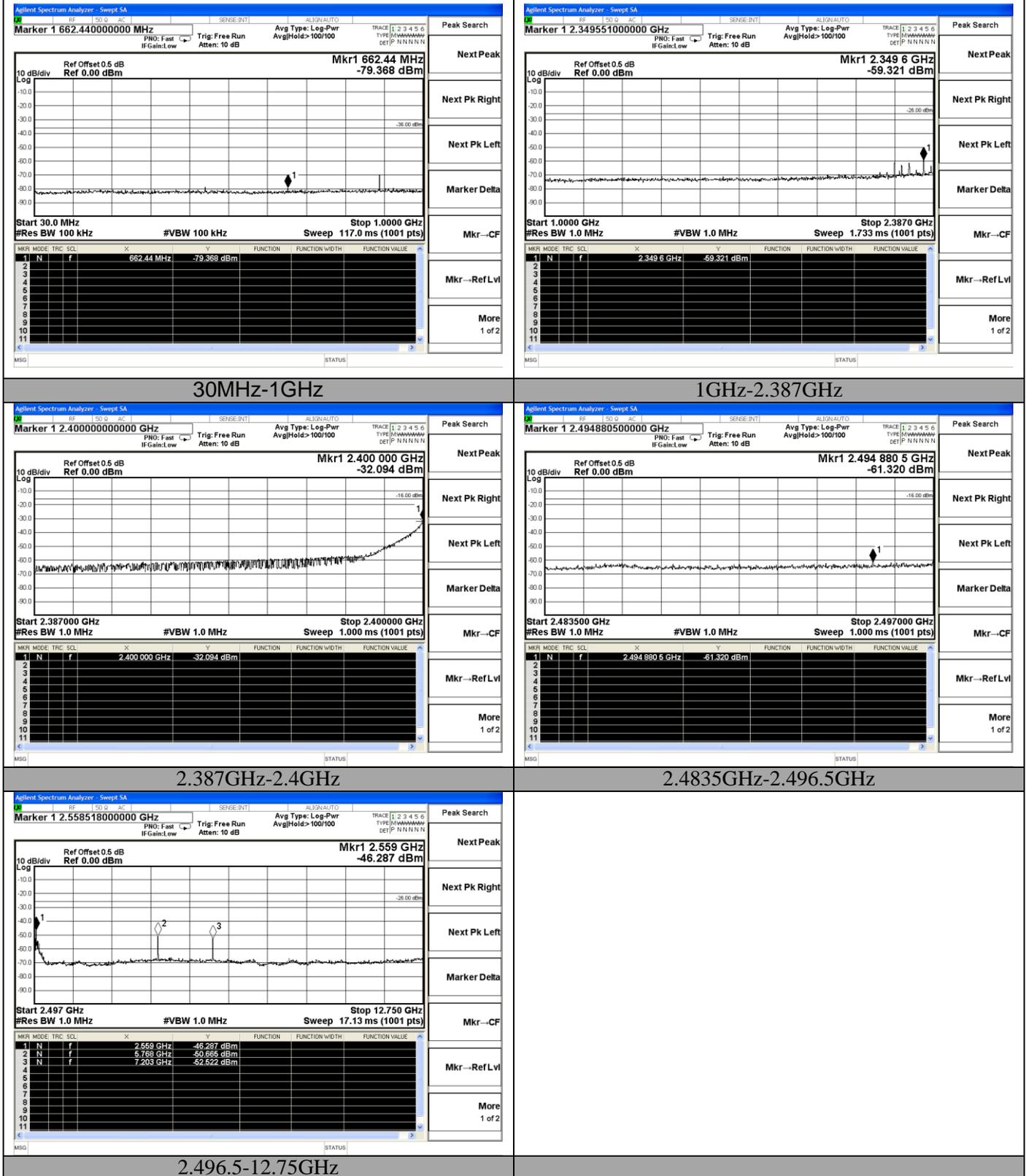
5.6.6. Test Results

Pass.

We found that TX by GFSK (1Mbps) modulation when input nominal voltage was the worst case through pre-scan, so this condition was recorded.

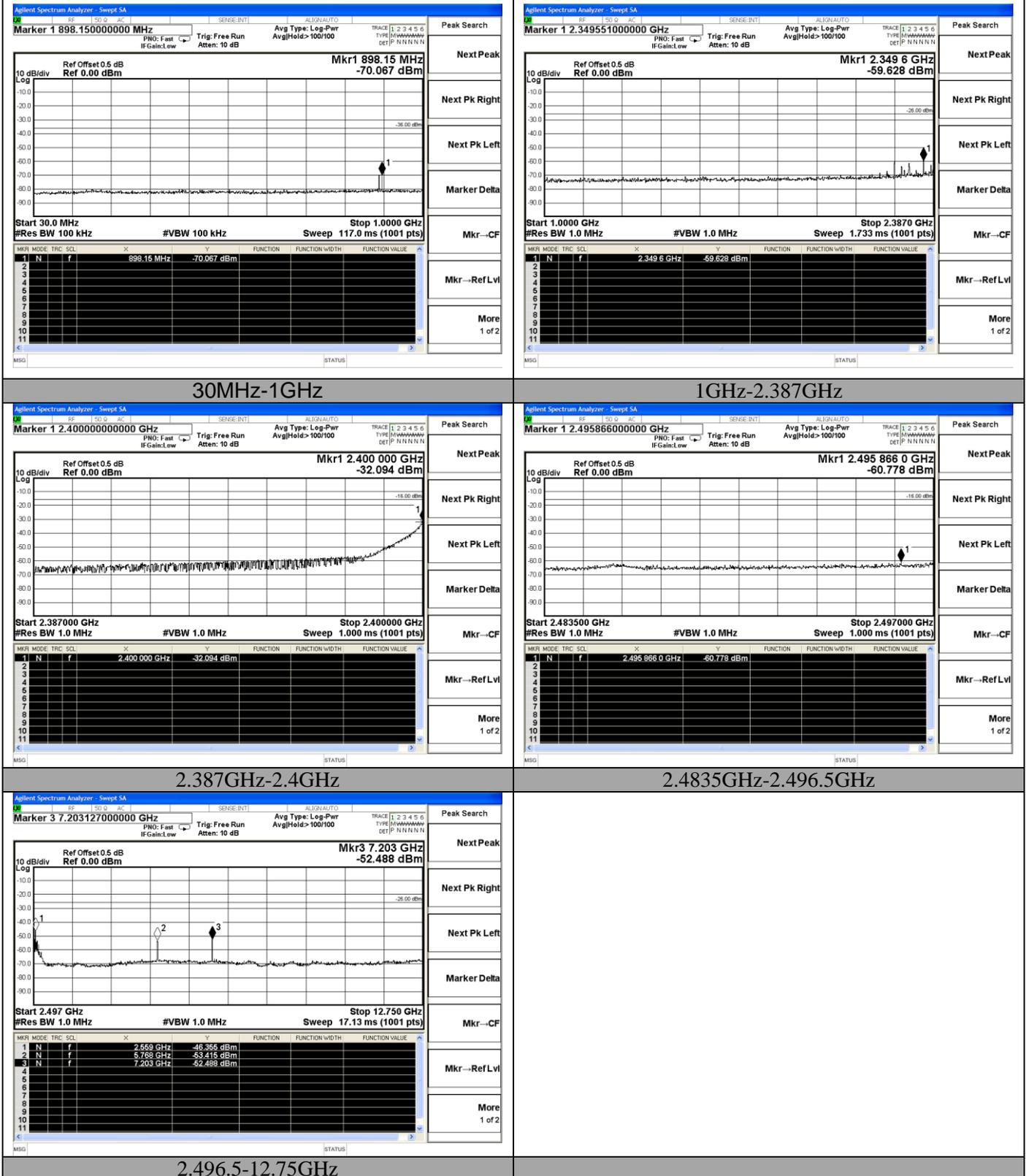
Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Configurations	Tx CH1

Test Plot Of Transmitter Spurious Emissions



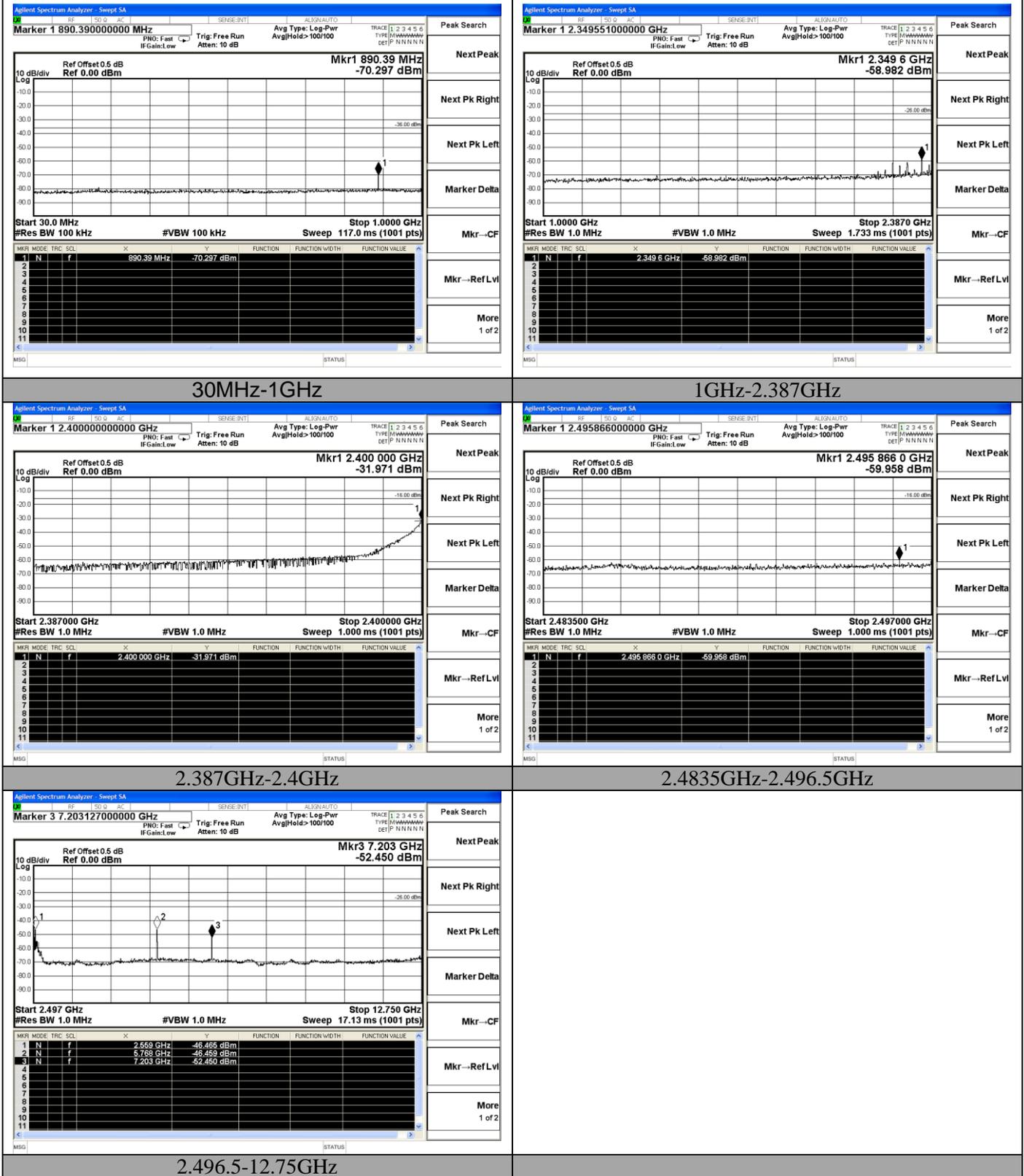
Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Configurations	Tx CH40

Test Plot Of Transmitter Spurious Emissions



Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Configurations	Tx CH79

Test Plot Of Transmitter Spurious Emissions



-Note: 1.SA set to from 2.4835GHz to 2.4965GHz, plot shows from 2.483.5GHz to 2.497GHz as of SA's default format.

2.SA set to from 2.4965GHz to 12.75GHz, plot shows from 2.497GHz to 12.75GHz as of SA's default format.

5.7. Carrier sensing function

5.7.1. Standard Applicable

Item	Limits
Carrier Sense	Good - EUT stop RF transmission signal after carrier inject to EUT. (On $22.79 + Gr - 20 * \log(f)$ [dBm] (Gr: dBi; f: MHz) or 100mV/m)

5.7.2. Measuring Instruments and Setting

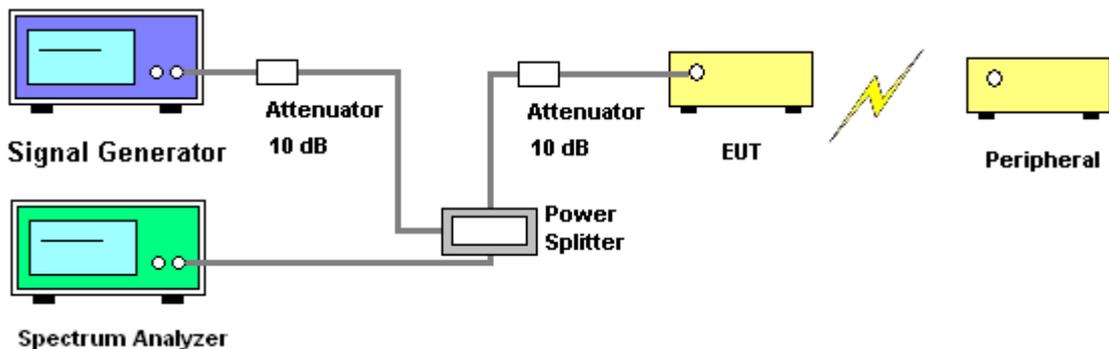
Please refer to section 6 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	1 MHz
Span	0 MHz
Sweep	Continuous
Detector	Peak
Trigger mode	Video

5.7.3. Test Procedures

1. SSG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SSG and power level is $(On\ 22.79 + Gr - 20 * \log(f)$ [dBm] (Gr: dBi; f: MHz). Then turn off the RF signal of SSG.
2. EUT have transmitted the maximum modulation signal and fixed channelize.
3. Setting of SA is following as: RB:1MHz / VB:1MHz / SPAN: 50MHz / AT: 10dB / Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak.
4. SSG RF Signal On.
5. EUT shall be stop the transmitted any signal and SSG RF Signal Off. Then EUT will be continuous transmitted signal.

5.7.4. Test Setup Layout



5.7.5. EUT Operation during Test

The EUT was programmed to be in normal transmitting mode.

5.7.6. Test Result

N/A.

5.8. Interference prevention function

5.8.1. Standard Applicable

Item	Limits
Identification code	≧ 48 bits

5.8.2. Measuring ID Code Software

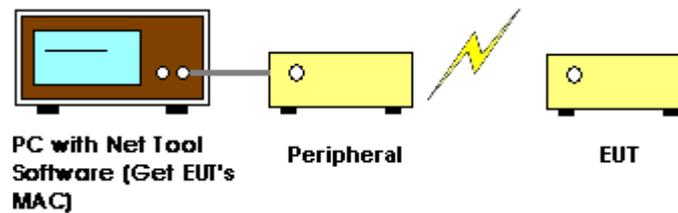
PC with NetTool	Setting
MAC IP List	MAC Scan

5.8.3. 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 other signals 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.

5.8.4. Test Setup Layout



5.8.5. EUT Operation during Test

The EUT was programmed to be in normal transmitting mode.

5.8.6. Test Result

EUT ID	DE:48:C6:56:3E:3D
Performance index	Good

5.9. Secondary Radiated Emissions

5.9.1. Standard Applicable

The limit on secondary emissions radiated from the receiving equipment within which the function of other radio equipment will not be impaired shall be, in terms of the power of a dummy antenna circuit that has the same electrical constant as the receiving antenna, 4nW or less at a frequency below 1 GHz and 20 nW or less at a frequency of 1 GHz or higher as measured using the circuit

5.9.2. Measuring Instruments

Please refer to section 6 of equipments list in this report.

5.9.3. Test Procedures

- a. Set EUT work in test mode as described in clause 2.3.
- b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Resolution BW: 100 KHz for frequency below 1GHz and

1MHz for frequency above 1GHz

Video BW: 100 KHz for frequency below 1GHz and

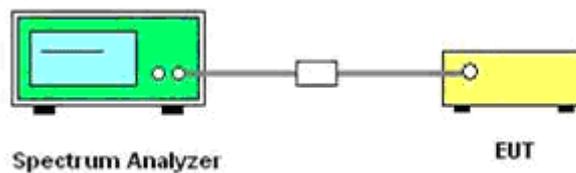
1MHz for frequency above 1GHz

Detector: Peak.

Trace Mode: Max Hold.

- c. All the emissions from 30MHz to 13GHz were measured and record.

5.9.4. Test Setup



5.9.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

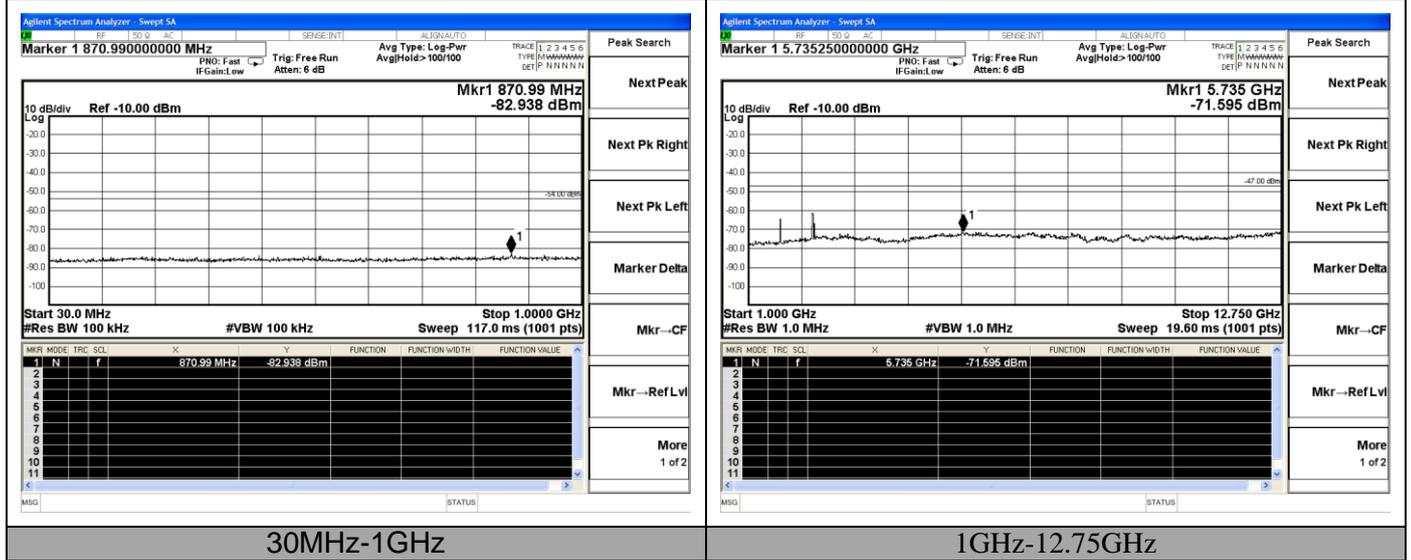
5.9.6. Test Results

Pass.

We found input normal voltage(GFSK, Low Channel) was worst case through pre-scan, so this condition was recorded.

Temperature	25°C	Humidity	60%
Test Engineer	Johnson	Configurations	CH1

Test Plot Of Secondary Radiated Emissions



6. LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal Date	Due Date
Signal analyzer	Agilent	N9020A	US44300469	9kHz~40GHz	May 19, 2021	May 18, 2022
LISN	MESS Tec	NNB-2/16Z	99079	9KHz-30MHz	May 19, 2021	May 18, 2022
LISN (Support Unit)	EMCO	3819/2NM	9703-1839	9KHz-30MHz	May 19, 2021	May 18, 2022
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9KHz-30MHz	May 19, 2021	May 18, 2022
ISN	SCHAFFNER	ISN ST08	21653	9KHz-30MHz	May 19, 2021	May 18, 2022
AC Power Source	HPC	HPA-500E	HPA-9100024	AC 0~300V	May 19, 2021	May 18, 2022
DC power Soure	GW	GPC-6030D	C671845	DC 1V-60V	May 19, 2021	May 18, 2022
Temp. and Humidigy	Giant Force	GTH-225-20-S	MAB0103-00	N/A	May 19, 2021	May 18, 2022
RF CABLE-1m	JYE Bao	RG142	CB034-1m	20MHz-7GHz	May 19, 2021	May 18, 2022
Oscilloscope	Tektonix	TDS380	B016197	400MHz/2GRS	May 19, 2021	May 18, 2022
Power meter	Agilent	E4419B	MY45104495	100KHz-30GHz	May 19, 2021	May 18, 2022
Power sensor	Agilent	E9301H	MY41495236	9KHz-30GHz	May 19, 2021	May 18, 2022

7. TEST SETUP PHOTOGRAPHS

Please refer to separated files for Test Setup Photos of the EUT.

8. EXTERIOR AND INTERIOR PHOTOGRAPHS

Please refer to separated files for Exterior and Interior Photographs of the EUT.

-----THE END OF REPORT-----