



KSIGN(Guangdong) Testing Co, Ltd.

First Floor West Side, Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu Village, Shatou Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province, P. R. China
Tel.: +(86) 755-2985 2678 Fax: +(86) 755-29852397 E-mail: info@gdksign.cn Website: www.gdksign.com

TEST REPORT

Report No......: KS2004S00051E
FCC ID.....: 2AV5H-J1
Applicant.....: Shenzhen Joint Online Technology Co., Ltd
Address.....: 1-1511, Tangdong Photoelectric Building, Hangcheng Avenue, Gushu Community, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province, China
Manufacturer.....: Shenzhen Joint Online Technology Co., Ltd
Address.....: 1-1511, Tangdong Photoelectric Building, Hangcheng Avenue, Gushu Community, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province, China
Factory.....: Shenzhen Joint Online Technology Co., Ltd
Address.....: 1-1511, Tangdong Photoelectric Building, Hangcheng Avenue, Gushu Community, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province, China
Product Name.....: Smart Music Glasses
Trade Mark.....: /
Model/Type reference.....: J1
Listed Model(s).....: J2, J3, J5, J6, J7, J8
Standard.....: FCC CFR Title 47 Part 15 Subpart C Section 15.247
Date of Receipt.....: Apr.02, 2020
Date of Test Date.....: Apr.02, 2020- Apr.13, 2020
Date of issue.....: Apr.13, 2020
Test result.....: Pass

Compiled by:
(Printed name+signature) Emiya Lin

Supervised by:
(Printed name+signature) Kelly Cheng

Approved by:
(Printed name+signature) Cary Luo



Testing Laboratory Name.....: KSIGN(Guangdong) Testing Co., Ltd.
Address.....: First Floor West Side, Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu Village, Shatou Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province, P. R. China

This test report may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product endorsement by KSIGN. The test results in the report only apply to the tested sample. The test report shall be invalid without all the signatures of testing engineers, reviewer and approver. Any objections must be raised to KSIGN within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit. The test report merely correspond to the test sample.

TABLE OF CONTENTS

	Page
1. TEST SUMMARY.....	3
1.1. TEST STANDARDS.....	3
1.2. REPORT VERSION.....	3
1.3. TEST DESCRIPTION.....	4
1.4. TEST FACILITY.....	5
1.5. MEASUREMENT UNCERTAINTY.....	6
1.6. ENVIRONMENTAL CONDITIONS.....	6
2. GENERAL INFORMATION.....	7
2.1. CLIENT INFORMATION.....	7
2.2. GENERAL DESCRIPTION OF EUT.....	7
2.3. OPERATION STATE.....	8
2.4. MEASUREMENT INSTRUMENTS LIST.....	9
2.5. TEST SOFTWARE.....	9
3. TEST ITEM AND RESULTS.....	10
3.1. ANTENNA REQUIREMENT.....	10
3.2. CONDUCTED EMISSION.....	11
3.3. PEAK OUTPUT POWER.....	14
3.4. 99% OCCUPIED BANDWIDTH & 20dB BANDWIDTH.....	21
3.5. CARRIER FREQUENCIES SEPARATION.....	34
3.6. NUMBER OF HOPPING CHANNEL.....	38
3.7. DWELL TIME.....	41
3.8. BAND EDGE EMISSIONS(RADIATED).....	45
3.9. BAND EDGE AND SPURIOUS EMISSION (CONDUCTED).....	50
3.10. RADIATED SPURIOUS EMISSIONS.....	57
3.11. PSEUDORANDOM FREQUENCY HOPPING SEQUENCE.....	68
4. EUT TEST PHOTOS.....	69
5. PHOTOGRAPHS OF EUT CONSTRUCTIONAL.....	70

1. TEST SUMMARY

1.1. Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.247: Operation within the bands of 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz.

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.

1.2. Report version

Revised No.	Date of issue	Description
01	Apr.13, 2020	Original

1.3. Test Description

FCC Part 15 Subpart C(15.247)			
Test Item	Standard Section	Result	Test Engineer
	FCC		
Antenna Requirement	15.203	Pass	Emiya Lin
Conducted Emission	15.207	Pass	Emiya Lin
Restricted Bands	15.205	Pass	Emiya Lin
Hopping Channel Separation	15.247(a)(1)	Pass	Emiya Lin
Dwell Time	15.247(a)(1)	Pass	Emiya Lin
Peak Output Power	15.247(b)(1)	Pass	Emiya Lin
Number of Hopping Frequency	15.247(b)(1)	Pass	Emiya Lin
Band Edge Emissions	15.247(d)	Pass	Emiya Lin
Radiated Spurious Emission	15.247(c)&15.209	Pass	Emiya Lin
99% Occupied Bandwidth & 20dB Bandwidth	15.247(a)	Pass	Emiya Lin
Pseudorandom Frequency Hopping Sequence	15.247 (a)(1)	Pass	Emiya Lin

Note: The measurement uncertainty is included in the test result.

1.4. Test Facility

Address of the report laboratory

KSIGN(Guangdong) Testing Co., Ltd.

First Floor West Side, Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu Village, Shatou Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province, P. R. China

Laboratory accreditation

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

A2LA-Lab Cert. No.: 5457.01

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

IC Registration No.: CN0096

The 3m alternate test site of KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration NO.: CN0096

FCC-Registration No.: CN1272

KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

CNAS-Registration No.: L13261

KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (CNAS) China National Accreditation Service for Conformity Assessment. The acceptance letter from the CNAS is maintained in our files.

1.5. 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 compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 2 " and is documented in the KSIGN(Guangdong) Testing Co., Ltd. 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. Below is the best measurement capability for KSIGN(Guangdong) Testing Co., Ltd.

Test Items	Measurement Uncertainty	Notes
Transmitter power conducted	0.42 dB	(1)
Transmitter power Radiated	2.14 dB	(1)
Conducted spurious emissions 9kHz~40GHz	1.60 dB	(1)
Radiated spurious emissions 9kHz~40GHz	2.20 dB	(1)
Conducted Emissions 9kHz~30MHz	3.20 dB	(1)
Radiated Emissions 30~1000MHz	4.70 dB	(1)
Radiated Emissions 1~18GHz	5.00 dB	(1)
Radiated Emissions 18~40GHz	5.54 dB	(1)
Occupied Bandwidth	2.80 dB	(1)

Note (1): This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=1.96$.

1.6. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15~35°C
Relative Humidity:	30~60 %
Air Pressure:	950~1050mba

2. GENERAL INFORMATION

2.1. Client Information

Applicant:	Shenzhen Joint Online Technology Co., Ltd
Address:	1-1511, Tangdong Photoelectric Building, Hangcheng Avenue, Gushu Community, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province, China
Manufacturer:	Shenzhen Joint Online Technology Co., Ltd
Address:	1-1511, Tangdong Photoelectric Building, Hangcheng Avenue, Gushu Community, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province, China

2.2. General Description of EUT

Product Name:	Smart Music Glasses
Marketing Name:	/
Model/Type reference:	J1
Listed Model(s):	J2, J3, J5, J6, J7, J8
Model Difference:	The difference between product models only depends on the appearance color and the model naming are different. Other power supply methods, safety structure and key components are the same, which do not affect the safety and electromagnetic compatibility performance.
Power Source:	DC 5V output from the Pin port.
Power supply(Battery):	DC 3.7V +110mAh 0.4Wh
Hardware version:	V1.2
Software version:	V1.3
Bluetooth 5.0	
Modulation:	GFSK, $\pi/4$ DQPSK, 8DPSK
Operation frequency:	2402MHz~2480MHz
Max Peak Output Power:	DH5:-0.45dBm 2DH5:-0.56dBm 3DH5:-0.30dBm
Channel number:	79
Channel separation:	1MHz
Antenna type:	Ceramic Antenna
Antenna gain:	1.5dBi
Note: The right ear frame was tested.	

2.3. Operation state

Operation Frequency List: The EUT has been tested under typical operating condition. The Applicant provides communication tools software to control the EUT for staying in continuous transmitting and receiving mode for testing. BT EDR, 79 channels are provided to the EUT. Channels 00/39/78 were selected for testing.

Operation Frequency List:

Channel	Frequency (MHz)
00	2402
01	2403
:	:
38	2440
39	2441
40	2442
:	:
77	2479
78	2480

Note: The display in grey were the channel selected for testing.

Test mode

For RF test items:

The engineering test program was provided and enabled to make EUT continuous transmit

For AC power line conducted emissions:

The EUT was set to connect with the Bluetooth instrument under large package sizes transmission.

For Radiated spurious emissions test item:

The engineering test program was provided and enabled to make EUT continuous transmit. The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

2.4. Measurement Instruments List

Tonscend JS0806-2 Test system					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSV40-N	101798	04/07/2021
2	Vector Signal Generator	Agilent	N5182A	MY50142520	04/07/2021
3	Analog Signal Generator	HP	83752A	3344A00337	04/07/2021
4	Power Sensor	Agilent	E9304A	MY50390009	04/07/2021
5	Power Sensor	Agilent	E9300A	MY41498315	04/07/2021
6	Wideband Radio Communication Tester	R&S	CMU200	115297	04/07/2021
7	Climate Chamber	Angul	AGNH80L	1903042120	04/07/2021
8	Dual Output DC Power Supply	Agilent	E3646A	MY40009992	04/07/2021
9	RF Control Unit	Tonscend	JS0806-2	/	04/07/2021

Transmitter spurious emissions & Receiver spurious emissions					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESR	102525	04/07/2021
2	High Pass Filter	Chengdu E-Microwave	OHF-3-18-S	0E01901038	04/07/2021
3	High Pass Filter	Chengdu E-Microwave	OHF-6.5-18-S	0E01901039	04/07/2021
4	Spectrum Analyzer	HP	8593E	3831U02087	04/07/2021
5	Ultra-Broadband logarithmic period Antenna	Schwarzbeck	VULB 9163	01230	04/07/2021
6	Loop Antenna	Beijin ZHINAN	ZN30900C	18050	04/07/2021
7	Horn Antenna	R&S	Sep-60	69483	04/07/2021
8	Spectrum Analyzer	R&S	FSV40-N	101798	04/07/2021
9	Horn Antenna	Schwarzbeck	BBHA 9120 D	2023	04/07/2021
10	Pre-Amplifier	Schwarzbeck	BBV 9745	9745#129	04/07/2021
11	Pre-Amplifier	EMCI	EMC051835SE	980662	04/07/2021
12	Power Meter	Agilent	E4419B	GB41293710	04/07/2021

Note:

1)The Cal. Interval was one year.

2)The cable loss has calculated in test result which connection between each test instruments.

2.5. Test Software

Software name	Model	Version
Conducted emission Measurement Software	EZ-EMC	EMC-Con 3A.1.1
Radiated emission Measurement Software	EZ-EMC	FA-03A.2.RE
Bluetooth and WIFI Test System	JS1120-3	2.5.77.0418

3. TEST ITEM AND RESULTS

3.1. Antenna requirement

Requirement

FCC CFR Title 47 Part 15 Subpart C Section 15.203:

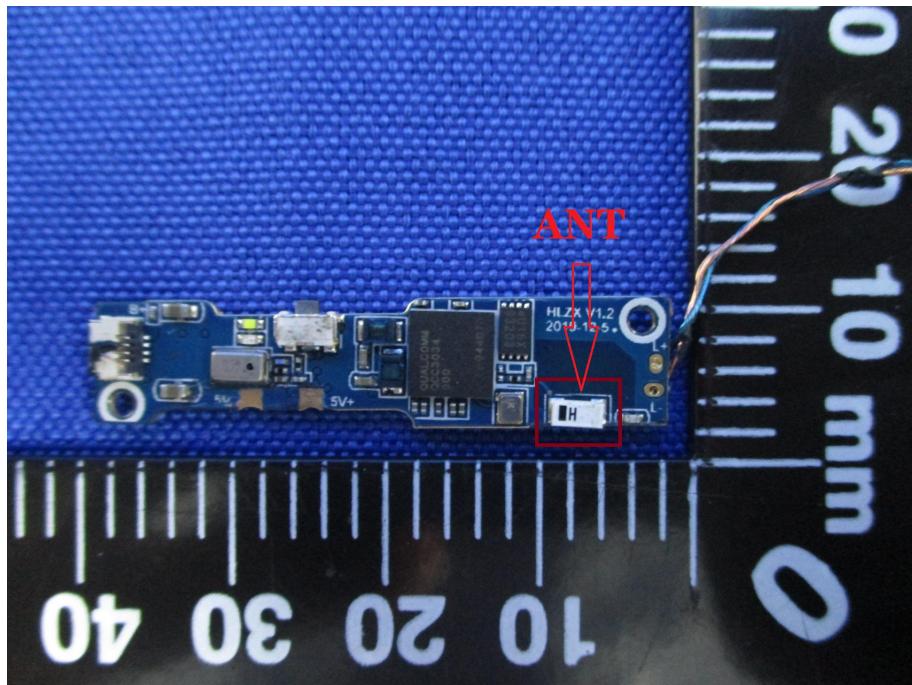
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(i) Systems operating in the 2400~2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result

The directional gain of the antenna less than 6dBi, please refer to the EUT internal photographs antenna photo.



3.2. Conducted Emission

Limit

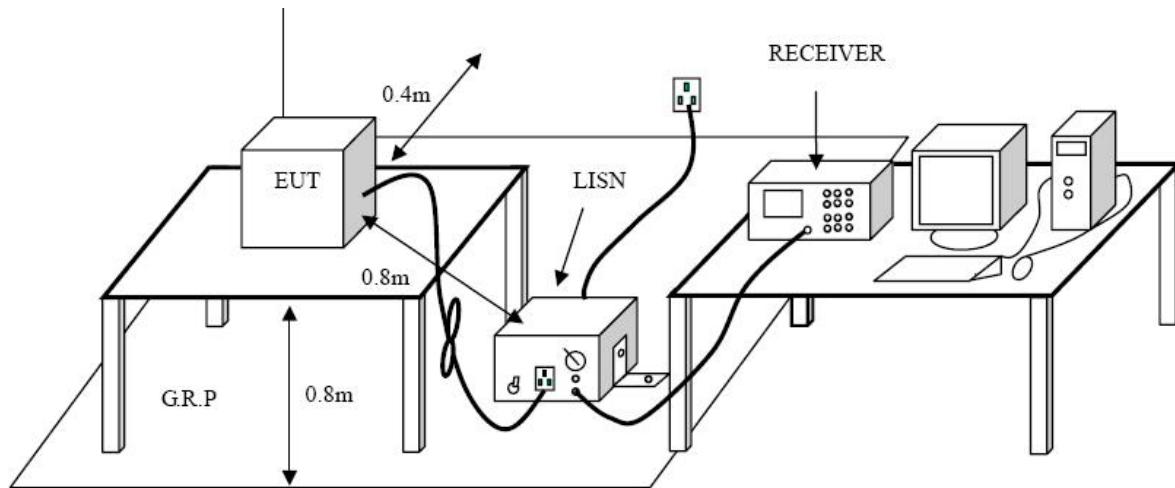
Conducted Emission Test Limit

Frequency	Maximum RF Line Voltage (dB μ V)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Configuration



Test Procedure

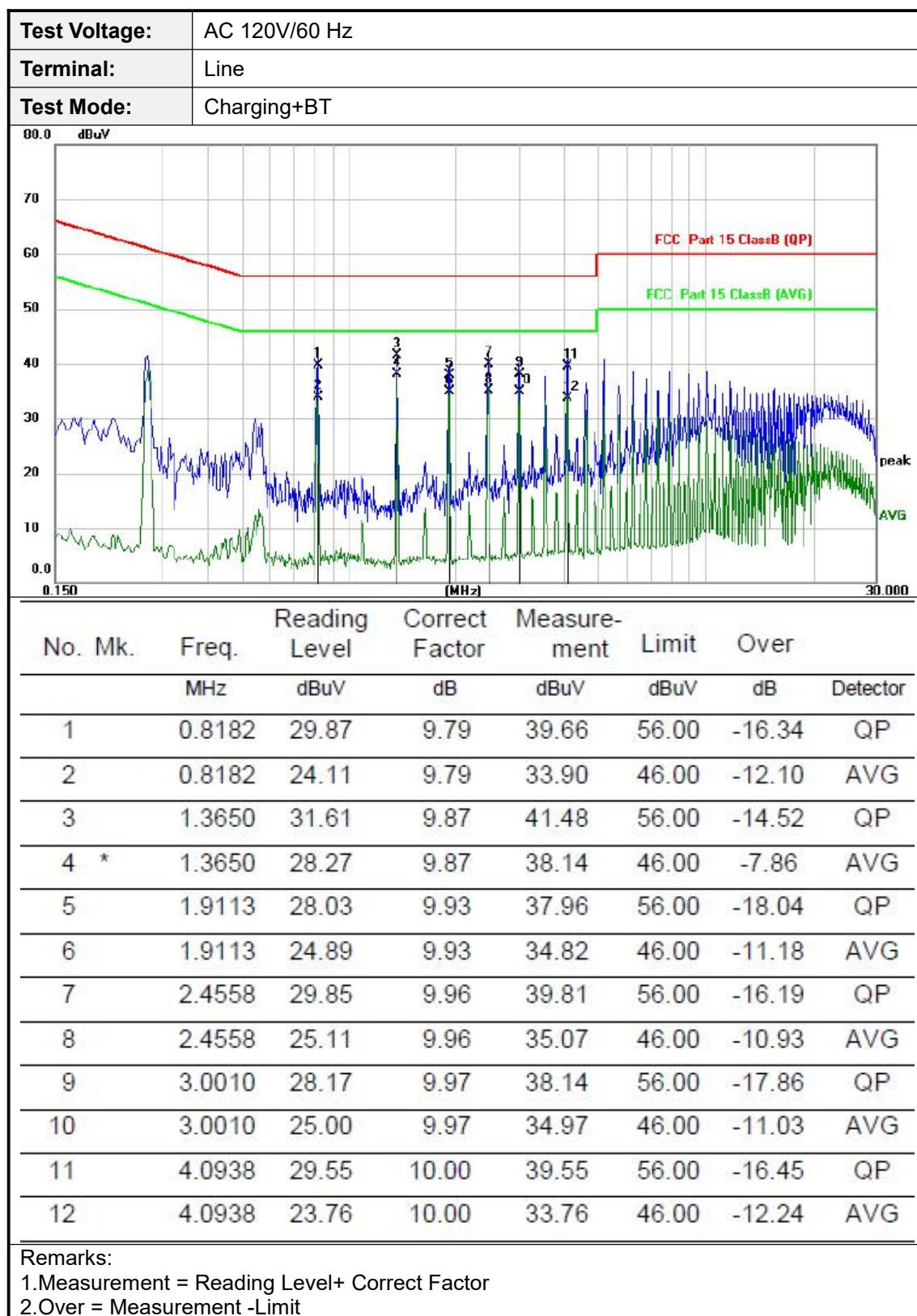
1. The EUT was setup according to ANSI C63.10:2013 requirements.
2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
4. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
5. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
6. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
7. During the above scans, the emissions were maximized by cable manipulation.

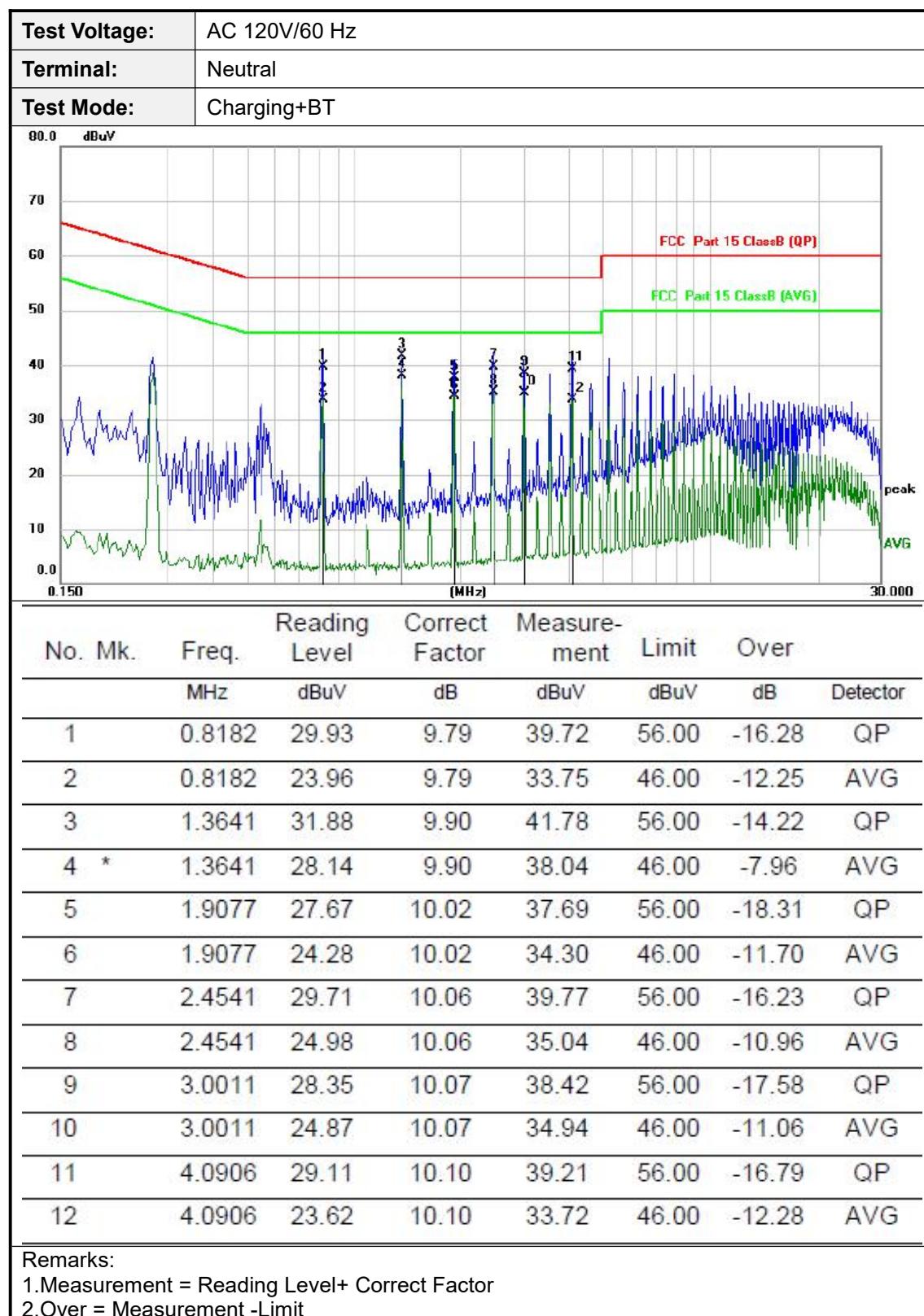
Test Mode:

Please refer to the clause 2.3.

Test Results

Pre-scan DH5, 2DH5 modulation, and found the 2DH5 modulation 2402MHz which it is worse case, so only show the test data for worse case.



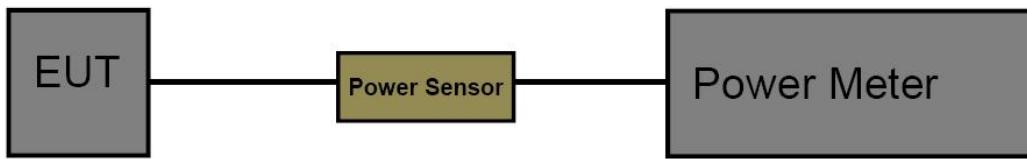


3.3. Peak Output Power

Limit

Test Item	Limit	Frequency Range(MHz)
Peak Output Power	Hopping Channels>75 Power<1W(30dBm) Other <125mW(21dBm)	2400~2483.5

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. Spectrum Setting:
Peak Detector: RBW=1 MHz, VBW=3 MHz for bandwidth less than 1MHz.
RBW=3 MHz, VBW=10 MHz for bandwidth more than 1MHz.

Test Mode

Please refer to the clause 2.3

Test Result

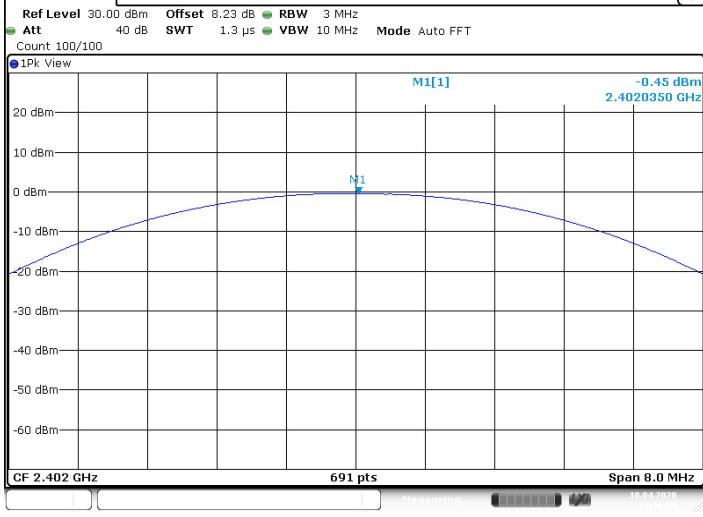
Test Mode:	DH5	
Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)
2402	-0.45	30
2441	-1.02	
2480	-0.79	

2402 MHz

Spectrum

Ref Level 30.00 dBm Offset 8.23 dB RBW 3 MHz
Att 40 dB SWT 1.3 μ s VBW 10 MHz Mode Auto FFT
Count 100/100

1Pk View



M1[1] -0.45 dBm
2.4020350 GHz

CF 2.402 GHz 691 pts Span 8.0 MHz

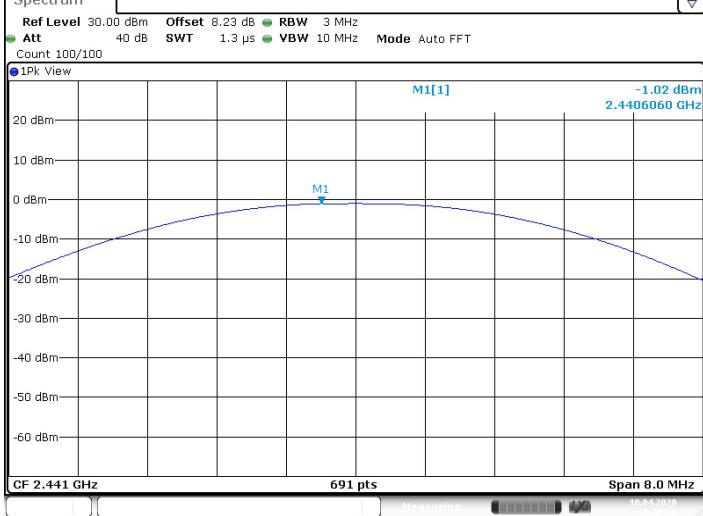
Date: 10.APR.2020 11:46:04

2441 MHz

Spectrum

Ref Level 30.00 dBm Offset 8.23 dB RBW 3 MHz
Att 40 dB SWT 1.3 μ s VBW 10 MHz Mode Auto FFT
Count 100/100

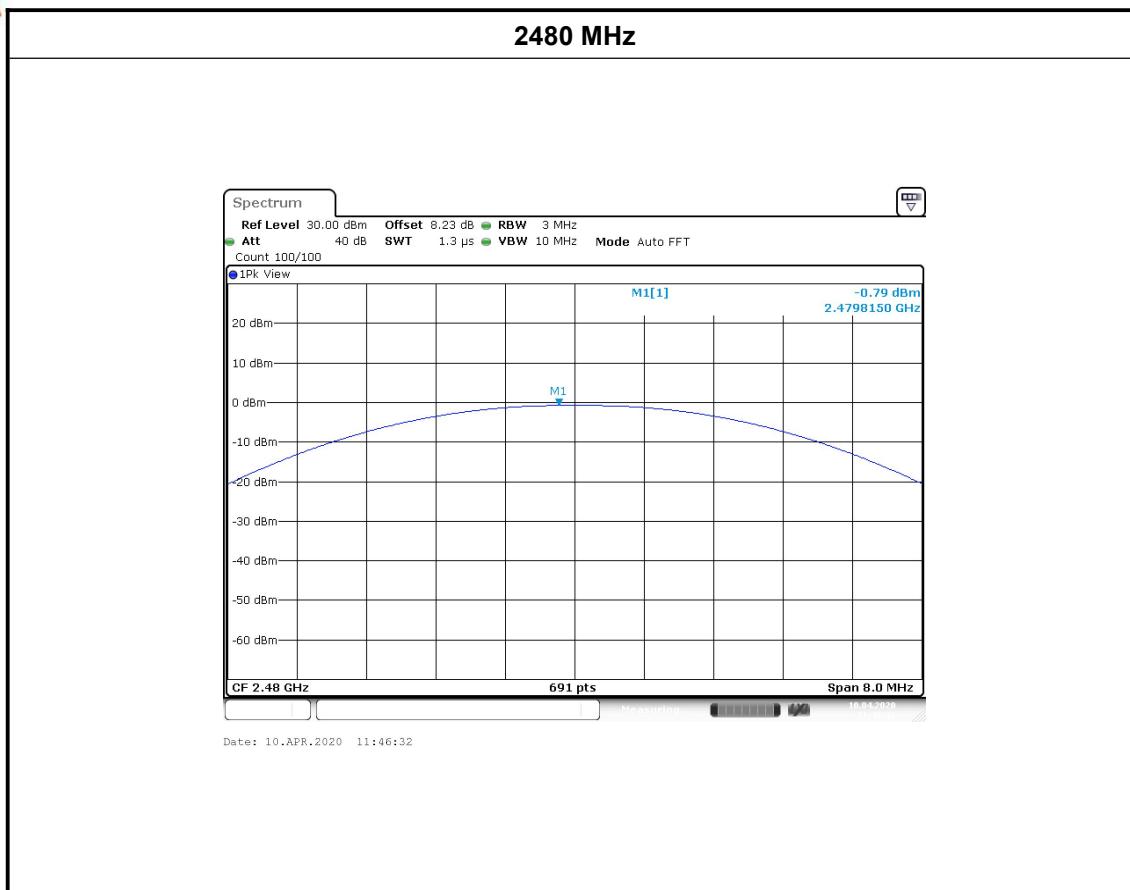
1Pk View



M1[1] -1.02 dBm
2.4406060 GHz

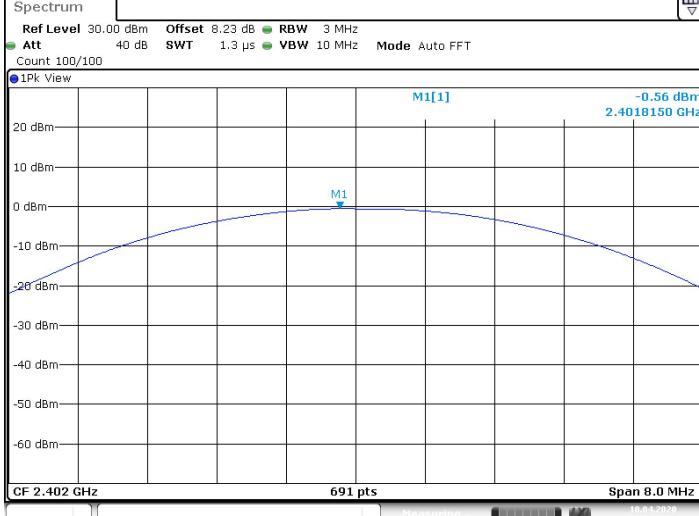
CF 2.441 GHz 691 pts Span 8.0 MHz

Date: 10.APR.2020 11:46:19

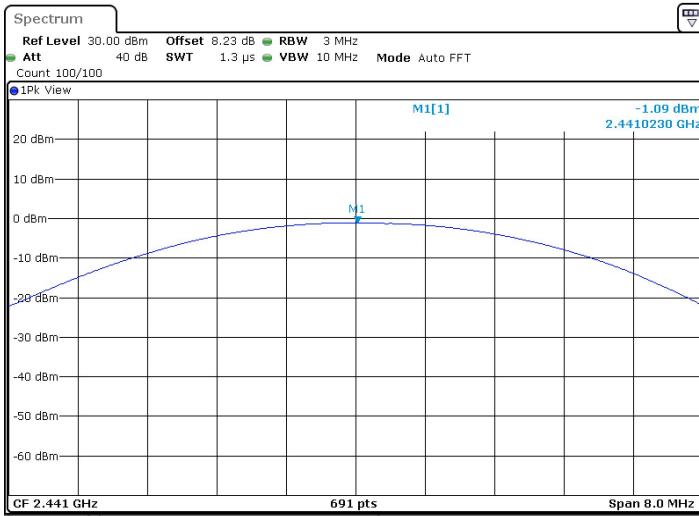


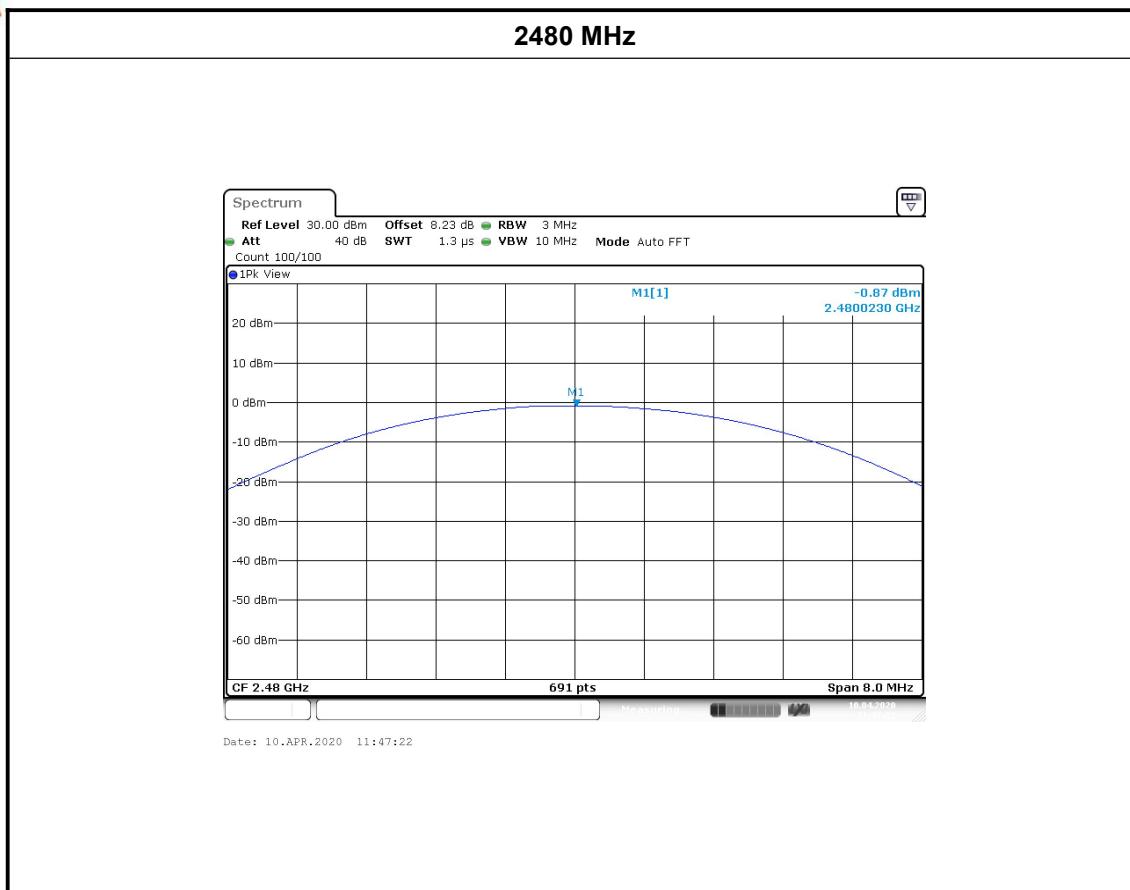
Test Mode:	2DH5	
Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)
2402	-0.56	30
2441	-1.09	
2480	-0.87	

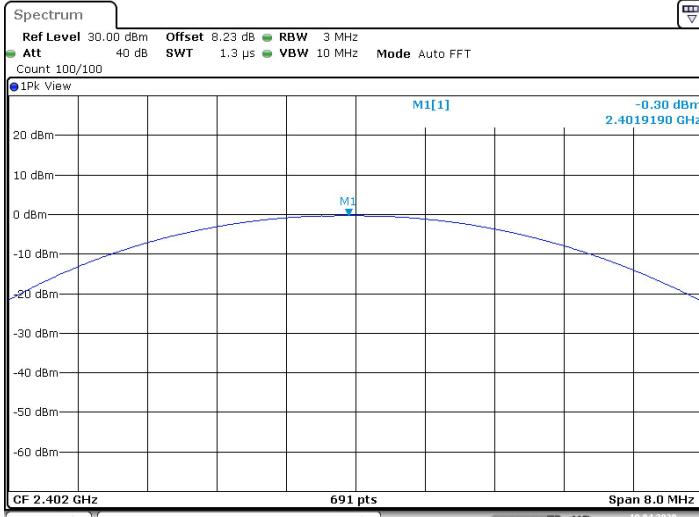
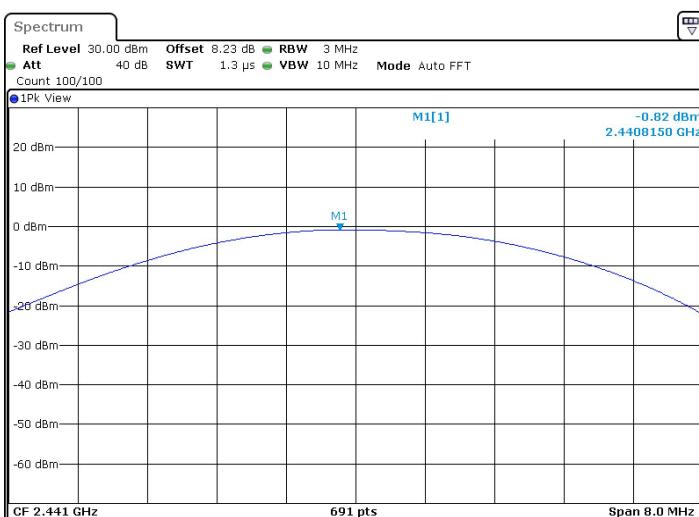
2402 MHz

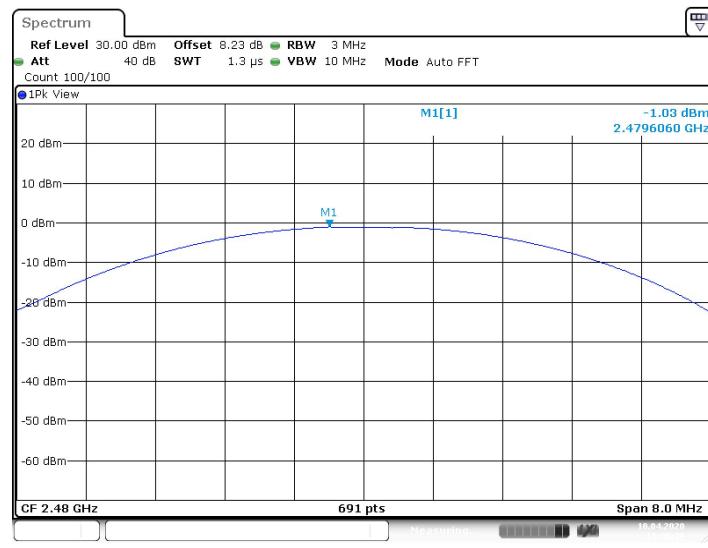
A spectrum analysis plot titled 'Spectrum' showing a single peak at -0.56 dBm. The plot includes parameters: Ref Level 30.00 dBm, Offset 8.23 dB, RBW 3 MHz, Att 40 dB, SWT 1.3 μs, VBW 10 MHz, and Mode Auto FFT. The plot shows a blue line representing the spectrum with a peak labeled 'M1' at -0.56 dBm. The x-axis is labeled 'CF 2.402 GHz' and 'Span 8.0 MHz'. The y-axis ranges from -60 dBm to 20 dBm. The plot is dated 10.APR.2020 11:46:55.

2441 MHz

A spectrum analysis plot titled 'Spectrum' showing a single peak at -1.09 dBm. The plot includes parameters: Ref Level 30.00 dBm, Offset 8.23 dB, RBW 3 MHz, Att 40 dB, SWT 1.3 μs, VBW 10 MHz, and Mode Auto FFT. The plot shows a blue line representing the spectrum with a peak labeled 'M1' at -1.09 dBm. The x-axis is labeled 'CF 2.441 GHz' and 'Span 8.0 MHz'. The y-axis ranges from -60 dBm to 20 dBm. The plot is dated 10.APR.2020 11:47:08.



Test Mode:	3DH5		
Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)	
2402	-0.30	30	
2441	-0.82		
2480	-1.03		
2402 MHz			
 <p>Spectrum</p> <p>Ref Level 30.00 dBm Offset 8.23 dB RBW 3 MHz</p> <p>Att 40 dB SWT 1.3 μs VBW 10 MHz Mode Auto FFT</p> <p>Count 100/100</p> <p>1Pk View</p> <p>M1[1] -0.30 dBm 2.4019190 GHz</p> <p>CF 2.402 GHz 691 pts Span 8.0 MHz</p> <p>Date: 10.APR.2020 11:47:50</p>			
2441 MHz			
 <p>Spectrum</p> <p>Ref Level 30.00 dBm Offset 8.23 dB RBW 3 MHz</p> <p>Att 40 dB SWT 1.3 μs VBW 10 MHz Mode Auto FFT</p> <p>Count 100/100</p> <p>1Pk View</p> <p>M1[1] -0.82 dBm 2.4400150 GHz</p> <p>CF 2.441 GHz 691 pts Span 8.0 MHz</p> <p>Date: 10.APR.2020 11:48:26</p>			
2480 MHz			

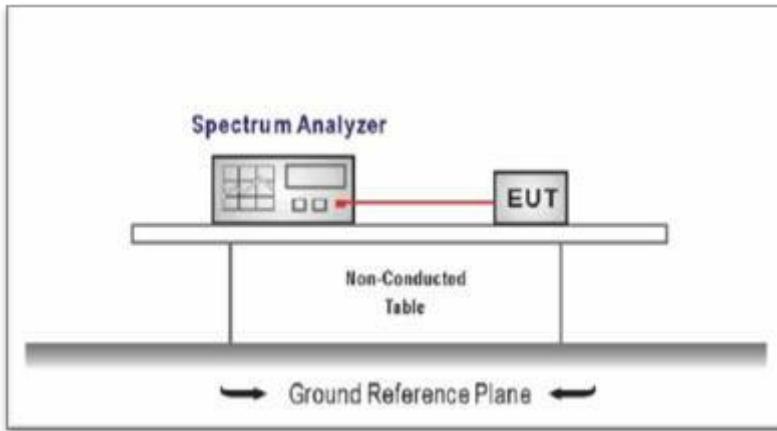


3.4. 99% Occupied Bandwidth & 20dB Bandwidth

Limit

Test Item	Limit	Frequency Range(MHz)
Bandwidth	<=1 MHz (20dB bandwidth)	2400~2483.5

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. Spectrum Setting:
20dB Bandwidth
 - (1) Set RBW = 30 kHz.
 - (2) Set the video bandwidth (VBW) ≥ 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.

99% Occupied Bandwidth

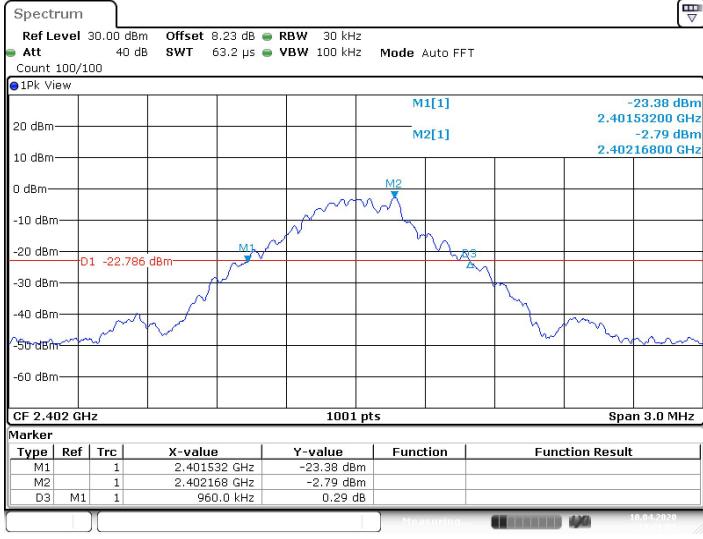
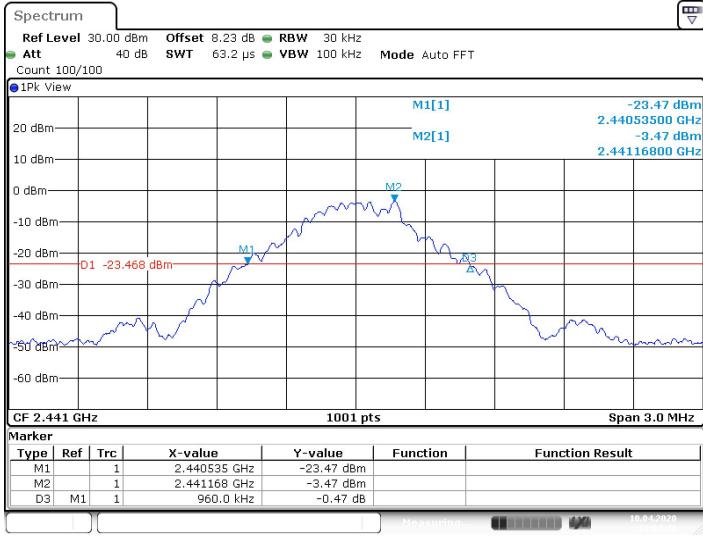
- (1) Set RBW = 20 kHz.
- (2) Set the video bandwidth (VBW) =100 kHz.
- (3) Detector = Peak.
- (4) Trace mode = Max hold.
- (5) Sweep = Auto couple.

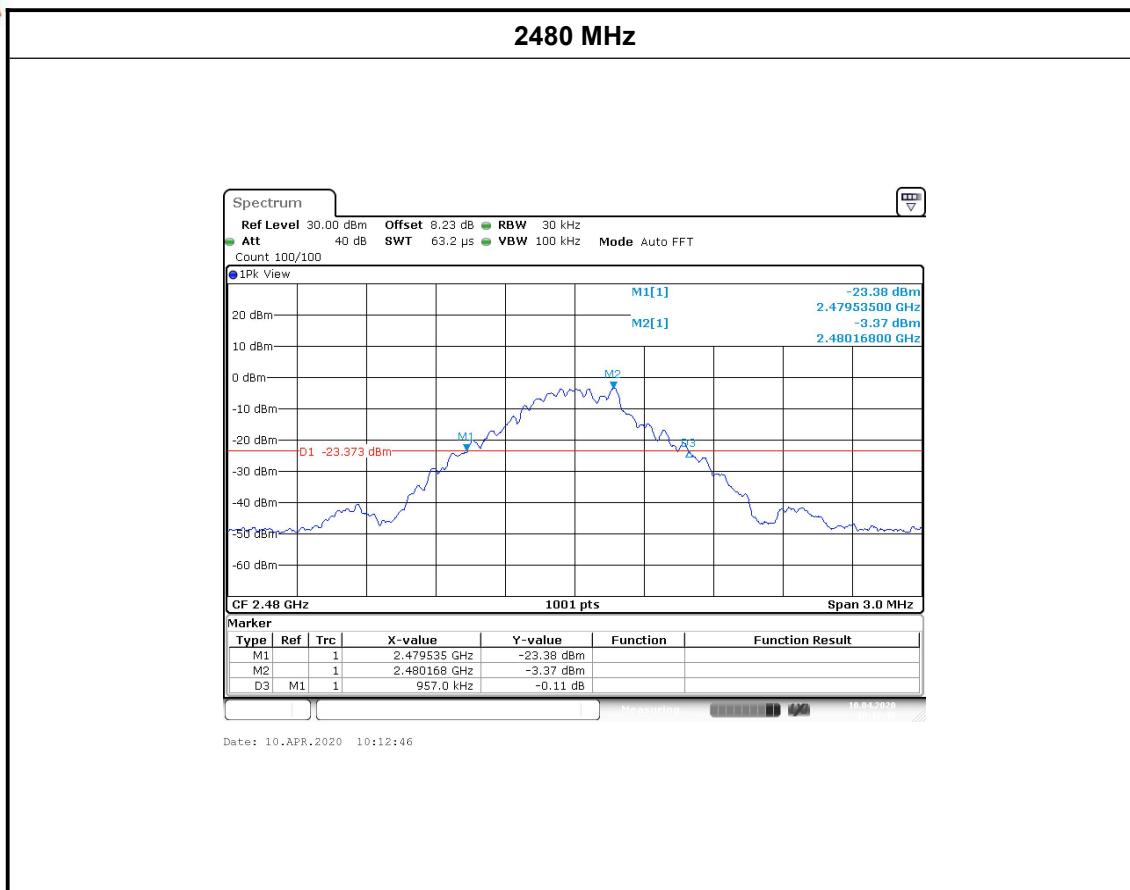
NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

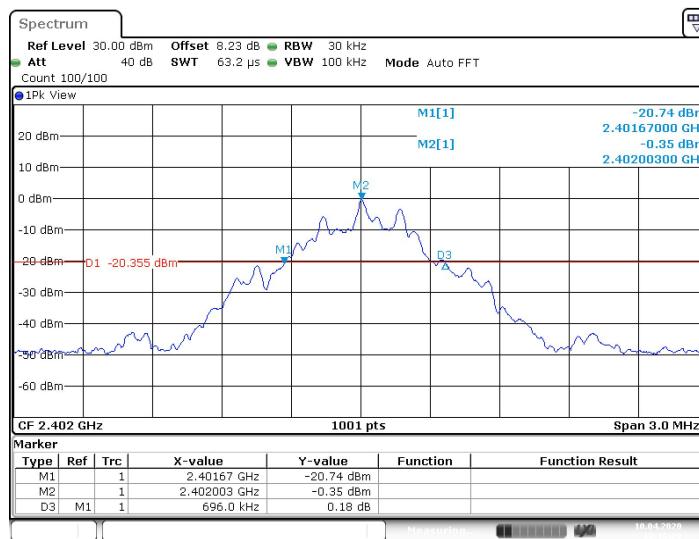
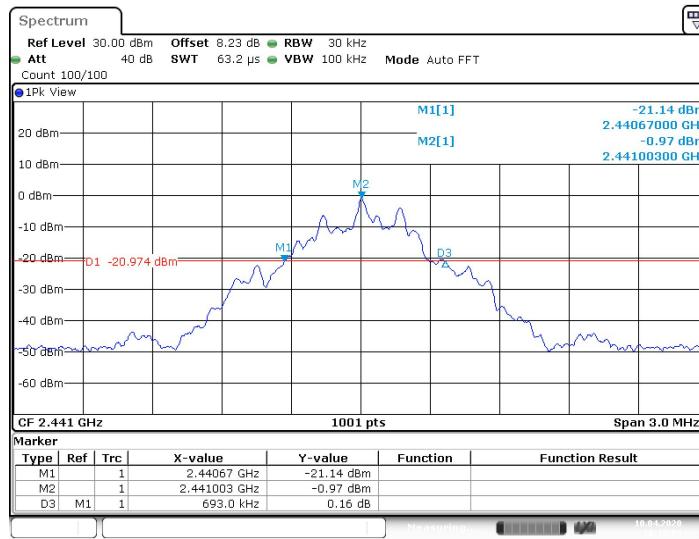
Test Mode

Please refer to the clause 2.3.

Test Results

Test Mode:	DH5																															
Channel frequency (MHz)	20dB Bandwidth [MHz]	FL[MHz]	FH[MHz]	Verdict																												
2402	0.960	2401.532	2402.492	PASS																												
2441	0.960	2440.535	2441.495	PASS																												
2480	0.957	2479.535	2480.492	PASS																												
2402 MHz																																
 <p>Spectrum Ref Level 30.00 dBm Offset 8.23 dB RBW 30 kHz Att 40 dB SWT 63.2 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td></td> <td>1</td> <td>2.401532 GHz</td> <td>-23.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.402168 GHz</td> <td>-2.79 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>960.0 kHz</td> <td>0.29 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10.APR.2020 10:01:01</p>					Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.401532 GHz	-23.38 dBm			M2		1	2.402168 GHz	-2.79 dBm			D3	M1	1	960.0 kHz	0.29 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																										
M1		1	2.401532 GHz	-23.38 dBm																												
M2		1	2.402168 GHz	-2.79 dBm																												
D3	M1	1	960.0 kHz	0.29 dB																												
2441 MHz																																
 <p>Spectrum Ref Level 30.00 dBm Offset 8.23 dB RBW 30 kHz Att 40 dB SWT 63.2 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td></td> <td>1</td> <td>2.440535 GHz</td> <td>-23.47 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.441168 GHz</td> <td>-3.47 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>960.0 kHz</td> <td>-0.47 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10.APR.2020 10:03:47</p>					Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.440535 GHz	-23.47 dBm			M2		1	2.441168 GHz	-3.47 dBm			D3	M1	1	960.0 kHz	-0.47 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																										
M1		1	2.440535 GHz	-23.47 dBm																												
M2		1	2.441168 GHz	-3.47 dBm																												
D3	M1	1	960.0 kHz	-0.47 dB																												



Test Mode:	2DH5																															
Channel frequency (MHz)	20dB Bandwidth [MHz]	FL[MHz]	FH[MHz]	Verdict																												
2402	0.696	2401.670	2402.366	PASS																												
2441	0.693	2440.670	2441.363	PASS																												
2480	0.693	2479.670	2480.363	PASS																												
2402 MHz																																
 <p>Spectrum Ref Level 30.00 dBm Offset 8.23 dB RBW 30 kHz Att 40 dB SWT 63.2 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>Marker</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.40167000 GHz</td> <td>-20.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.40200300 GHz</td> <td>-0.35 dBm</td> <td></td> <td></td> </tr> <tr> <td>D1</td> <td>M1</td> <td>1</td> <td>696.0 kHz</td> <td>0.18 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10.APR.2020 10:16:20</p>					Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40167000 GHz	-20.74 dBm			M2	1		2.40200300 GHz	-0.35 dBm			D1	M1	1	696.0 kHz	0.18 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																										
M1	1		2.40167000 GHz	-20.74 dBm																												
M2	1		2.40200300 GHz	-0.35 dBm																												
D1	M1	1	696.0 kHz	0.18 dB																												
2441 MHz																																
 <p>Spectrum Ref Level 30.00 dBm Offset 8.23 dB RBW 30 kHz Att 40 dB SWT 63.2 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>Marker</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.44067000 GHz</td> <td>-21.14 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.44100300 GHz</td> <td>-0.97 dBm</td> <td></td> <td></td> </tr> <tr> <td>D1</td> <td>M1</td> <td>1</td> <td>693.0 kHz</td> <td>0.16 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10.APR.2020 10:19:09</p>					Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.44067000 GHz	-21.14 dBm			M2	1		2.44100300 GHz	-0.97 dBm			D1	M1	1	693.0 kHz	0.16 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																										
M1	1		2.44067000 GHz	-21.14 dBm																												
M2	1		2.44100300 GHz	-0.97 dBm																												
D1	M1	1	693.0 kHz	0.16 dB																												

