

## FCC Test Report

Product Name	3-Axis Handheld Stabilizer
Model No.	G3M-B1
FCC ID.	MSQ-G3MB1

Applicant	ASUSTeK COMPUTER INC.
Address	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Date of Receipt	Apr. 25, 2020
Issued Date	Jul. 06, 2020
Report No.	2040679R-E3032110109
Report Version	V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

# Test Report

Issued Date: Jul. 06, 2020

Report No.: 2040679R-E3032110109



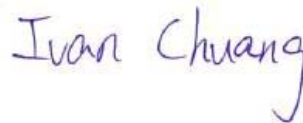
Product Name	3-Axis Handheld Stabilizer
Applicant	ASUSTeK COMPUTER INC.
Address	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Manufacturer	ASUSTeK COMPUTER INC.
Model No.	G3M-B1
FCC ID.	MSQ-G3MB1
EUT Rated Voltage	DC 3.6V(Power by Battery) or DC 5V(Power by USB)
EUT Test Voltage	DC 5V(Power by USB)
Trade Name	ASUS
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By :



( Adm. Specialist / Ida Tung )

Tested By :



( Senior Engineer / Ivan Chuang )

Approved By :



( Director / Vincent Lin )

## **Revision History**

Report No.	Version	Description	Issued Date
2040679R-E3032110109	V1.0	Initial issue of report.	2020-07-06

## TABLE OF CONTENTS

Description	Page
<b>1. GENERAL INFORMATION .....</b>	<b>6</b>
1.1. EUT Description.....	6
1.2. Operational Description.....	9
1.3. Tested System Details.....	10
1.4. Configuration of Tested System .....	10
1.5. EUT Exercise Software .....	10
1.6. Test Facility .....	11
1.7. List of Test Equipment.....	12
1.8. Uncertainty .....	13
<b>2. CONDUCTED EMISSION .....</b>	<b>14</b>
2.1. Test Setup .....	14
2.2. Limits.....	14
2.3. Test Procedure .....	15
2.4. Test Result of Conducted Emission.....	16
<b>3. PEAK POWER OUTPUT .....</b>	<b>18</b>
3.1. Test Setup .....	18
3.2. Limit .....	18
3.3. Test Procedure .....	18
3.4. Test Result of Peak Power Output.....	19
<b>4. RADIATED EMISSION .....</b>	<b>21</b>
4.1. Test Setup .....	21
4.2. Limits.....	22
4.3. Test Procedure .....	23
4.4. Test Result of Radiated Emission.....	24
<b>5. RF ANTENNA CONDUCTED TEST .....</b>	<b>40</b>
5.1. Test Setup .....	40
5.2. Limits.....	40
5.3. Test Procedure .....	40
5.4. Test Result of RF Antenna Conducted Test.....	41
<b>6. BAND EDGE .....</b>	<b>43</b>
6.1. Test Setup .....	43
6.2. Limit .....	44
6.3. Test Procedure .....	44
6.4. Test Result of Band Edge .....	45
<b>7. CHANNEL NUMBER.....</b>	<b>57</b>
7.1. Test Setup .....	57
7.2. Limit .....	57
7.3. Test Procedure .....	57
7.4. Test Result of Channel Number.....	58
<b>8. CHANNEL SEPARATION.....</b>	<b>60</b>
8.1. Test Setup .....	60
8.2. Limit .....	60
8.3. Test Procedure .....	60
8.4. Test Result of Channel Separation.....	61
<b>9. DWELL TIME .....</b>	<b>65</b>
9.1. Test Setup .....	65
9.2. Limit .....	65
9.3. Test Procedure .....	65
9.4. Test Result of Dwell Time .....	66
<b>10. OCCUPIED BANDWIDTH .....</b>	<b>70</b>
10.1. Test Setup .....	70
10.2. Limits.....	70
10.3. Test Procedure .....	70
10.4. Test Result of Occupied Bandwidth .....	71
<b>11. DUTY CYCLE.....</b>	<b>75</b>
11.1. Test Setup .....	75
11.2. Test Result of Duty Cycle.....	76
<b>12. EMI REDUCTION METHOD DURING COMPLIANCE TESTING .....</b>	<b>78</b>

---

Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs

## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	3-Axis Handheld Stabilizer
Trade Name	ASUS
Model No.	G3M-B1
FCC ID.	MSQ-G3MB1
Frequency Range	2402 – 2480MHz
Channel Number	79
Type of Modulation	FHSS: GFSK(1Mbps) / $\pi$ /4DQPSK(2Mbps) / 8DPSK(3Mbps)
Antenna Type	PIFA Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”
USB Cable	MFR: ASUS, M/N: G3M-B1 Non-shielded, 0.46m

#### Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ASUS	HW-B01	PIFA Antenna	1.81dBi for 2.4GHz

Note: The antenna of EUT conforms to FCC 15.203.

## Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 00:	2402 MHz	Channel 20:	2422 MHz	Channel 40:	2442 MHz	Channel 60:	2462 MHz
Channel 01:	2403 MHz	Channel 21:	2423 MHz	Channel 41:	2443 MHz	Channel 61:	2463 MHz
Channel 02:	2404 MHz	Channel 22:	2424 MHz	Channel 42:	2444 MHz	Channel 62:	2464 MHz
Channel 03:	2405 MHz	Channel 23:	2425 MHz	Channel 43:	2445 MHz	Channel 63:	2465 MHz
Channel 04:	2406 MHz	Channel 24:	2426 MHz	Channel 44:	2446 MHz	Channel 64:	2466 MHz
Channel 05:	2407 MHz	Channel 25:	2427 MHz	Channel 45:	2447 MHz	Channel 65:	2467 MHz
Channel 06:	2408 MHz	Channel 26:	2428 MHz	Channel 46:	2448 MHz	Channel 66:	2468 MHz
Channel 07:	2409 MHz	Channel 27:	2429 MHz	Channel 47:	2449 MHz	Channel 67:	2469 MHz
Channel 08:	2410 MHz	Channel 28:	2430 MHz	Channel 48:	2450 MHz	Channel 68:	2470 MHz
Channel 09:	2411 MHz	Channel 29:	2431 MHz	Channel 49:	2451 MHz	Channel 69:	2471 MHz
Channel 10:	2412 MHz	Channel 30:	2432 MHz	Channel 50:	2452 MHz	Channel 70:	2472 MHz
Channel 11:	2413 MHz	Channel 31:	2433 MHz	Channel 51:	2453 MHz	Channel 71:	2473 MHz
Channel 12:	2414 MHz	Channel 32:	2434 MHz	Channel 52:	2454 MHz	Channel 72:	2474 MHz
Channel 13:	2415 MHz	Channel 33:	2435 MHz	Channel 53:	2455 MHz	Channel 73:	2475 MHz
Channel 14:	2416 MHz	Channel 34:	2436 MHz	Channel 54:	2456 MHz	Channel 74:	2476 MHz
Channel 15:	2417 MHz	Channel 35:	2437 MHz	Channel 55:	2457 MHz	Channel 75:	2477 MHz
Channel 16:	2418 MHz	Channel 36:	2438 MHz	Channel 56:	2458 MHz	Channel 76:	2478 MHz
Channel 17:	2419 MHz	Channel 37:	2439 MHz	Channel 57:	2459 MHz	Channel 77:	2479 MHz
Channel 18:	2420 MHz	Channel 38:	2440 MHz	Channel 58:	2460 MHz	Channel 78:	2480 MHz
Channel 19:	2421 MHz	Channel 39:	2441 MHz	Channel 59:	2461 MHz		

## Note:

1. The EUT is a 3-Axis Handheld Stabilizer with built-in Bluetooth V4.0 · V2.1+EDR transceiver, this report for Bluetooth V2.1+EDR.
2. These tests were conducted on a sample for the purpose of demonstrating compliance of transmitter with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
3. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
4. The test mode is based on the Bluetooth technology, while testing 1Mbps, 2Mbps and 3Mbps, the worst case is 1Mbps and 3Mbps, and only worse case data is recorded in this report.
5. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case (Z axis) is shown in the report.

X axis



Y axis



Z axis



Test Mode	Mode 1: Transmit - 1Mbps Mode 2: Transmit - 3Mbps
-----------	--



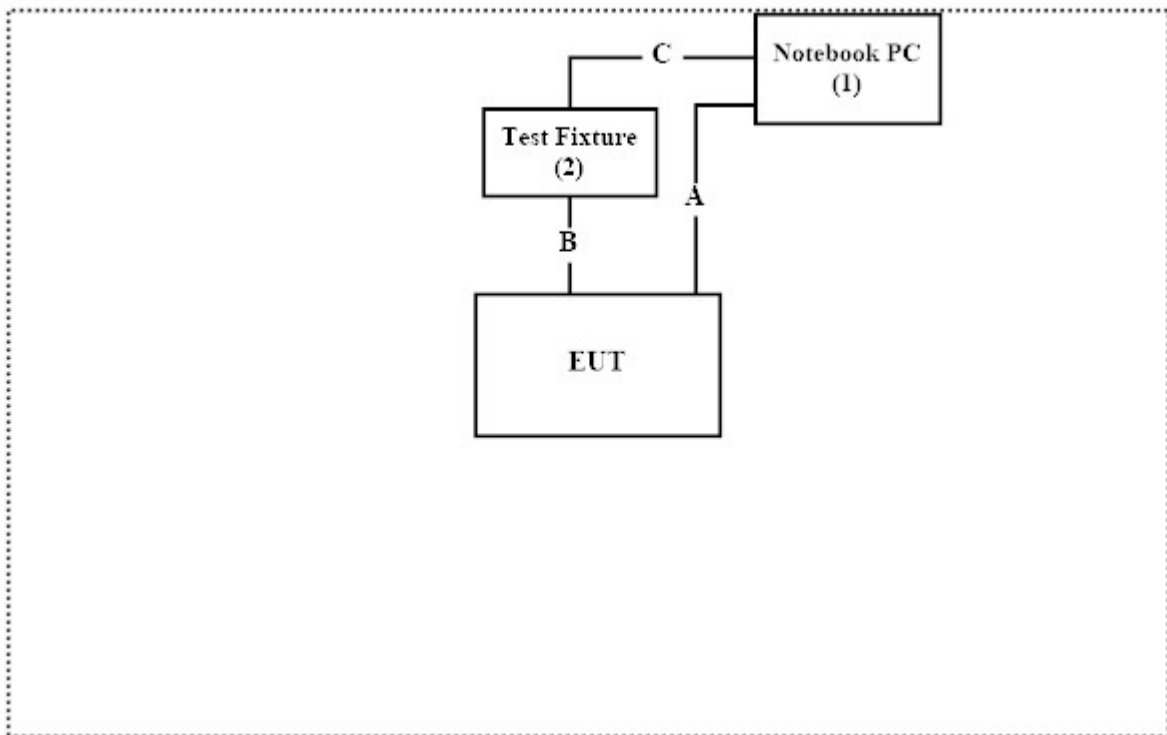
### 1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	Inspiron 15 3000	GT5JPJ2	N/A
2	Test Fixture	NB-SOLUTION	ZZLC-PROM	N/A	N/A

Signal Cable Type		Signal cable Description
A	USB Cable	Non-shielded, 0.46m
B	Signal Cable	Non-shielded, 0.12m
C	USB Cable	Non-shielded, 0.22m

### 1.4. Configuration of Tested System



### 1.5. EUT Exercise Software

1. Setup the EUT as shown in Section 1.4.
2. Execute software “FCC Test Tool v1.3” on the Notebook PC.
3. Configure the test mode, the test channel, and the data rate.
4. Press “OK” to start the continuous Transmit.
5. Verify that the EUT works properly.

## 1.6. Test Facility

Ambient conditions in the laboratory:

Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	10~40 °C	21.6 °C
	Humidity (%RH)	10~90 %	70.4 %
Radiated Emission	Temperature (°C)	10~40 °C	23.1 °C
	Humidity (%RH)	10~90 %	68.6 %
Conductive	Temperature (°C)	10~40 °C	22 °C
	Humidity (%RH)	10~90 %	55 %

**USA : FCC Registration Number: TW0023**

**Canada : IC Registration Number: 25880**

Site Description : Accredited by TAF  
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd  
Address : No.159, Sec. 2, Wenhua 1st Rd., Linkou Dist.,  
New Taipei City 24457, Taiwan, R.O.C.  
Phone number : 886-2-2602-7968  
Fax number : 866-2-2602-3286  
Email address : [info.tw@dekra.com](mailto:info.tw@dekra.com)  
Website : <http://www.dekra.com.tw>

## 1.7. List of Test Equipment

### For Conduction measurements /ASR1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	EMI Test Receiver	R&S	ESR7	101601	2020.05.28	2021.05.27
X	Two-Line V-Network	R&S	ENV216	101306	2020.03.25	2021.03.24
X	Two-Line V-Network	R&S	ENV216	101307	2020.04.17	2021.04.16
X	Coaxial Cable	DEKRA	RG400_BNC	RF001	2020.05.24	2021.05.23

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Testing System V1.2

### For Conducted measurements /ASR2

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Spectrum Analyzer	R&S	FSV30	103466	2019.12.16	2020.12.15
X	Peak Power Analyzer	KEYSIGHT	8900B	MY51000539	2020.05.13	2021.05.12
X	Power Sensor	KEYSIGHT	N1923A	MY59240002	2020.05.22	2021.05.21
X	Power Sensor	KEYSIGHT	N1923A	MY59240003	2020.05.22	2021.05.21
	Bluetooth Tester	R&S	CBT	101238	2020.02.10	2021.02.11

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Conduction Test System V9.0.5

### For Radiated measurements /ACB1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Loop Antenna	AMETEK	HLA6121	49611	2020.03.16	2021.03.15
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-675	2019.07.01	2020.06.30
X	Horn Antenna	ETS-Lindgren	3117	00203761	2019.10.31	2020.10.30
X	Horn Antenna	Com-Power	AH-840	101088	2019.08.29	2020.08.28
X	Pre-Amplifier	EMCI	EMC001330	980301	2020.06.04	2021.06.03
X	Pre-Amplifier	EMCI	EMC051835SE	980312	2020.06.10	2021.06.09
X	Pre-Amplifier	EMCI	EMC05820SE	980308	2019.09.02	2020.09.01
X	Pre-Amplifier	EMCI	EMC184045SE	980314	2020.06.10	2021.06.09
X	Filter	MICRO TRONICS	BRM50702	G251	2019.09.03	2020.09.02
	Filter	MICRO TRONICS	BRM50716	G188	2019.09.03	2020.09.02
X	EMI Test Receiver	R&S	ESR7	101602	2019.12.16	2020.12.15
X	Spectrum Analyzer	R&S	FSV40	101148	2020.03.16	2021.03.15
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2019.07.03	2020.07.02
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2020.06.10	2021.06.09

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Testing System V1.2

## 1.8. Uncertainty

Uncertainties have been calculated according to the DEKRA internal document, and is described in each test chapter of this report.

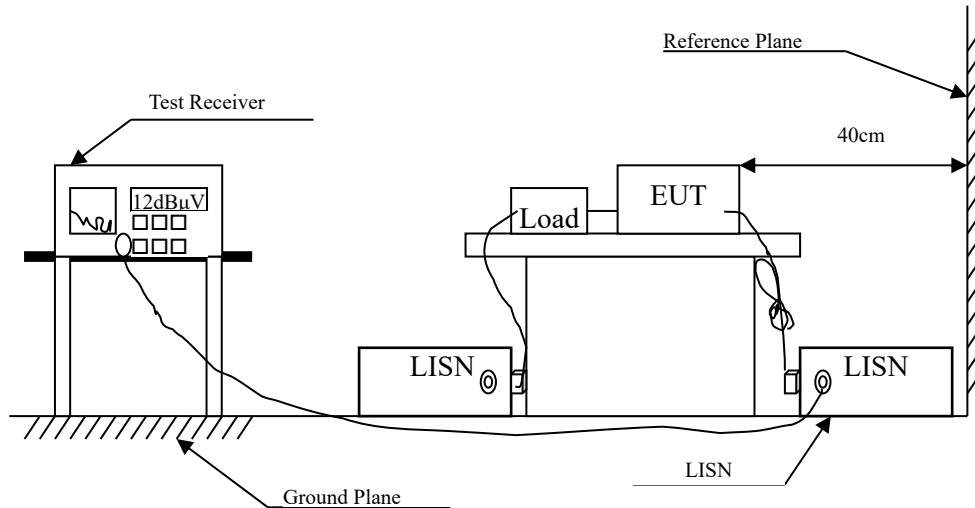
The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95%.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test item	Uncertainty	
CONDUCTED EMISSION	$\pm 3.42$ dB	
PEAK POWER OUTPUT	Power Meter $\pm 0.91$ dB	Spectrum Analyzer $\pm 2.53$ dB
RADIATED EMISSION	Under 1GHz $\pm 4.06$ dB	Above 1GHz $\pm 3.73$ dB
RF ANTENNA CONDUCTED TEST	$\pm 2.53$ dB	
BAND EDGE	Under 1GHz $\pm 4.06$ dB	Above 1GHz $\pm 3.73$ dB
CHANNEL NUMBER	N/A	
CHANNEL SEPARATION	$\pm 682.83$ Hz	
DWELL TIME	$\pm 2.31$ ms	
OCCUPIED BANDWIDTH	$\pm 682.83$ Hz	
DUTY CYCLE	$\pm 2.31$ ms	

## 2. Conducted Emission

### 2.1. Test Setup



### 2.2. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dB $\mu$ V) Limit		
Frequency MHz	Limits	
	QP	AV
0.15 - 0.50	66-56	56-46
0.50-5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

### 2.3. Test Procedure

The EUT and Peripherals are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs.)

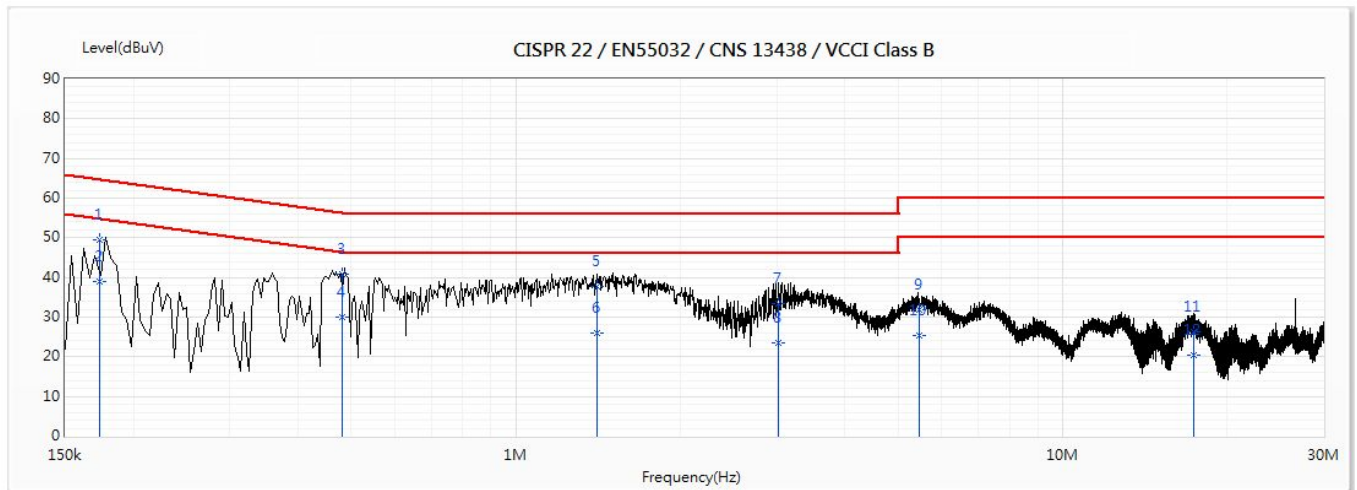
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

The EUT setup and the test procedure are according to ANSI C63.4, 2014 to comply with the requirements of FCC 47CFR Subpart C.

## 2.4. Test Result of Conducted Emission

Product : 3-Axis Handheld Stabilizer  
 Test Item : Conducted Emission Test  
 Power Line : L 1  
 Test Mode : Mode 2: Transmit - 3Mbps (2441MHz)  
 Test Date : 2020/06/23

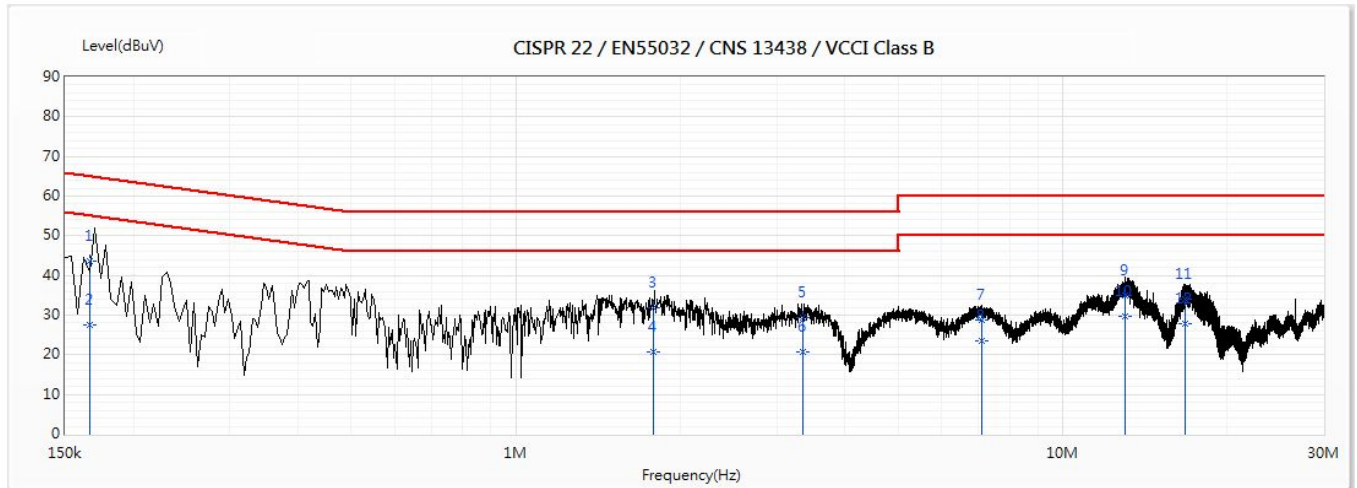


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.173	49.61	64.81	-15.20	39.97	9.64	QP
2	0.173	38.82	54.81	-15.98	29.19	9.64	AV
3	0.481	40.81	56.32	-15.51	31.16	9.65	QP
4	0.481	30.06	46.32	-16.26	20.41	9.65	AV
5	1.406	37.88	56.00	-18.12	28.19	9.69	QP
6	1.406	26.05	46.00	-19.95	16.36	9.69	AV
7	3.024	33.54	56.00	-22.46	23.81	9.74	QP
8	3.024	23.46	46.00	-22.54	13.73	9.74	AV
9	5.453	31.85	60.00	-28.15	22.06	9.79	QP
10	5.453	25.23	50.00	-24.77	15.45	9.79	AV
11	17.321	26.30	60.00	-33.70	16.35	9.95	QP
12	17.321	20.55	50.00	-29.45	10.60	9.95	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ \* ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : 3-Axis Handheld Stabilizer  
 Test Item : Conducted Emission Test  
 Power Line : N  
 Test Mode : Mode 2: Transmit - 3Mbps (2441MHz)  
 Test Date : 2020/06/23



No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.167	43.63	65.12	-21.49	33.98	9.65	QP
2	0.167	27.62	55.12	-27.50	17.97	9.65	AV
3	1.789	31.73	56.00	-24.27	22.02	9.71	QP
4	1.789	20.58	46.00	-25.42	10.87	9.71	AV
5	3.342	29.27	56.00	-26.73	19.52	9.75	QP
6	3.342	20.74	46.00	-25.26	10.99	9.75	AV
7	7.124	28.90	60.00	-31.10	19.06	9.84	QP
8	7.124	23.46	50.00	-26.54	13.62	9.84	AV
9	12.996	34.91	60.00	-25.09	24.96	9.95	QP
*10	12.996	29.57	50.00	-20.43	19.62	9.95	AV
11	16.781	34.01	60.00	-25.99	24.01	10.00	QP
12	16.781	27.89	50.00	-22.11	17.88	10.00	AV

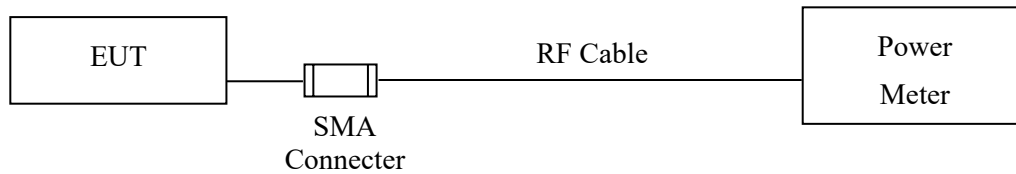
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ \* “ means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



### 3. Peak Power Output

#### 3.1. Test Setup



#### 3.2. Limit

The maximum peak power shall be less 1Watt.

#### 3.3. Test Procedure

Tested according to FHSS test procedure of KDB 558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

### 3.4. Test Result of Peak Power Output

Product : 3-Axis Handheld Stabilizer  
Test Item : Peak Power Output  
Test Mode : Mode 1: Transmit - 1Mbps  
Test Date : 2020/05/27

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit	Result
Channel 00	2402.00	0.41	1 Watt= 30 dBm	Pass
Channel 39	2441.00	0.58	1 Watt= 30 dBm	Pass
Channel 78	2480.00	0.37	1 Watt= 30 dBm	Pass

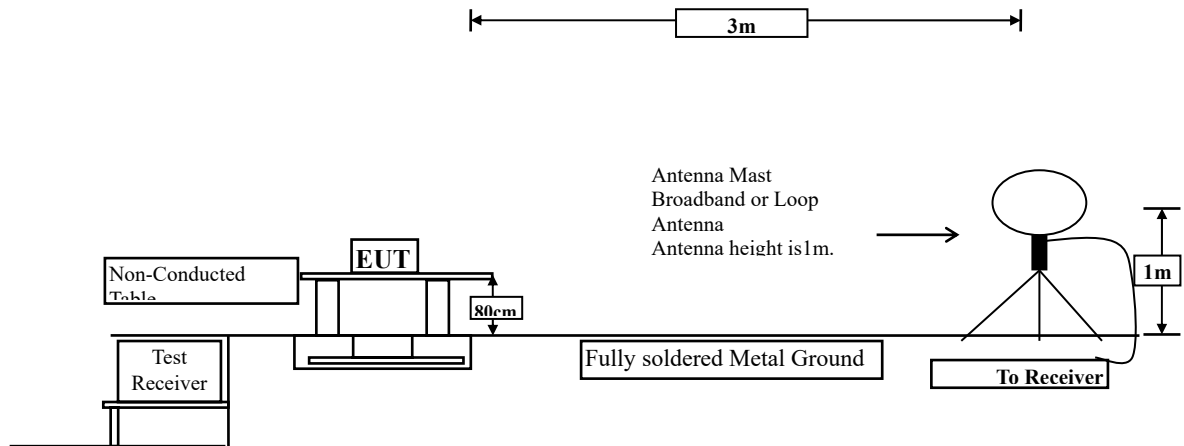
Product : 3-Axis Handheld Stabilizer  
Test Item : Peak Power Output  
Test Mode : Mode 2: Transmit - 3Mbps  
Test Date : 2020/05/27

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit	Result
Channel 00	2402.00	1.19	1 Watt= 30 dBm	Pass
Channel 39	2441.00	1.31	1 Watt= 30 dBm	Pass
Channel 78	2480.00	1.35	1 Watt= 30 dBm	Pass

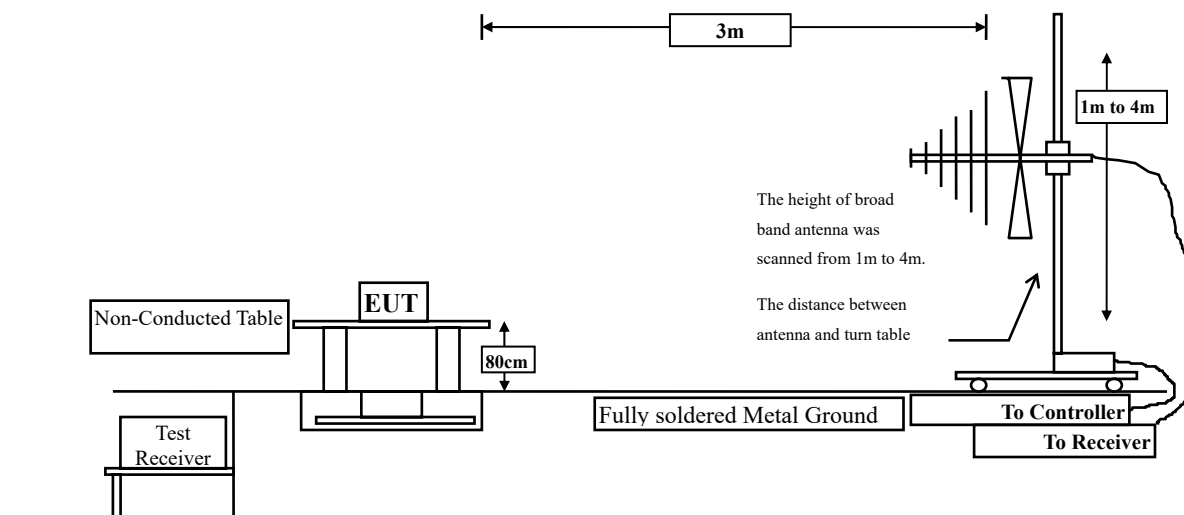
## 4. Radiated Emission

### 4.1. Test Setup

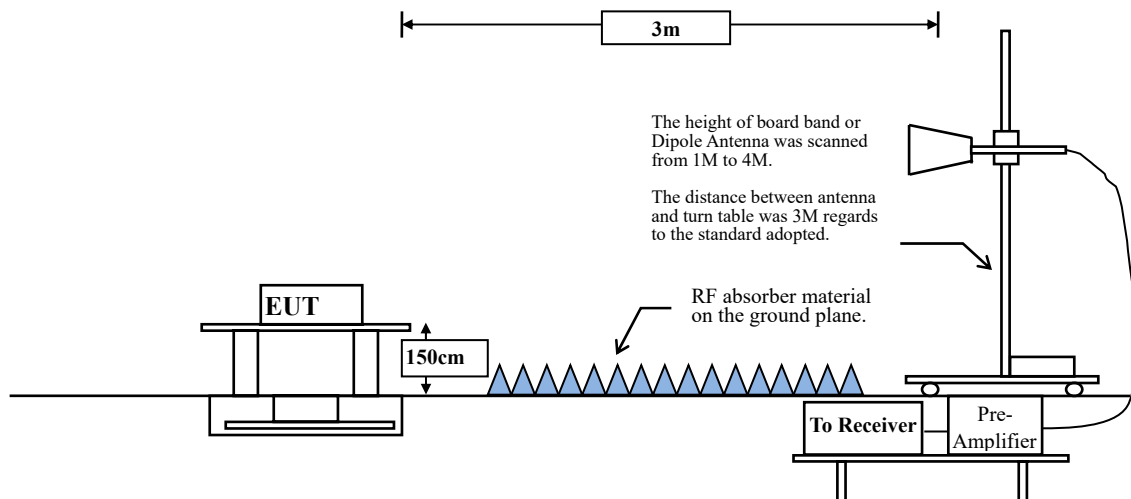
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



## 4.2. Limits

### ➤ General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

- Remarks:
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
  2. In the Above Table, the tighter limit applies at the band edges.
  3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

### 4.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested compliance to FCC 47CFR 15.247 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

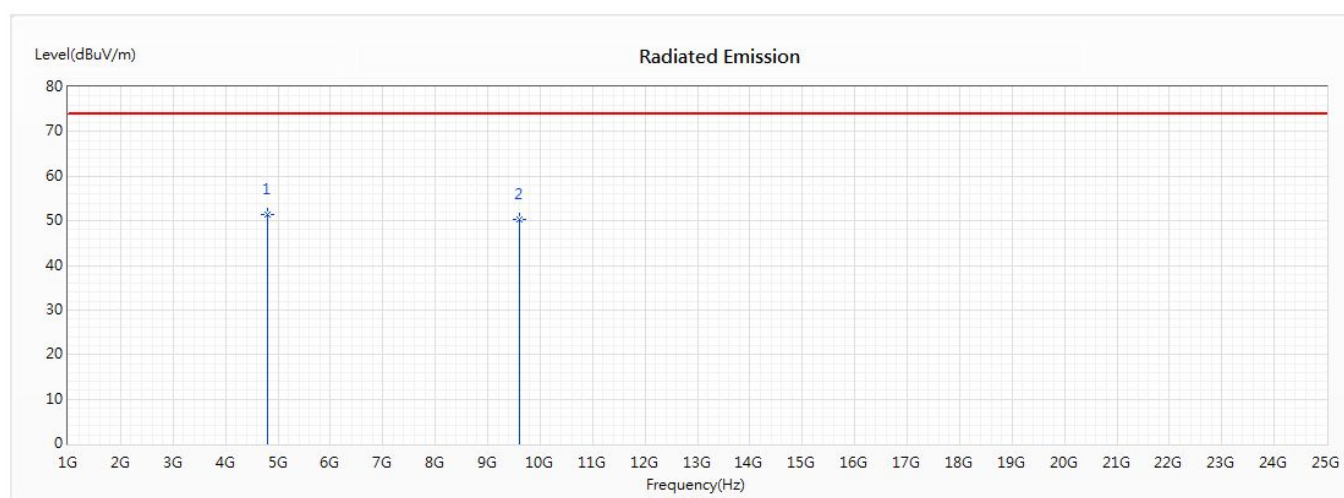
The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

#### 4.4. Test Result of Radiated Emission

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 1: Transmit - 1Mbps(2402MHz)  
 Test Date : 2020/06/10

##### Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4804	51.39	74.00	-22.61	54.63	-3.24	PK
2	9608	50.18	74.00	-23.82	47.95	2.23	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.
7. 3 times of fundamental is in unrestricted band of operation, please refer to section 5 test results.

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
--	--	--	--	--	74.000	54.000

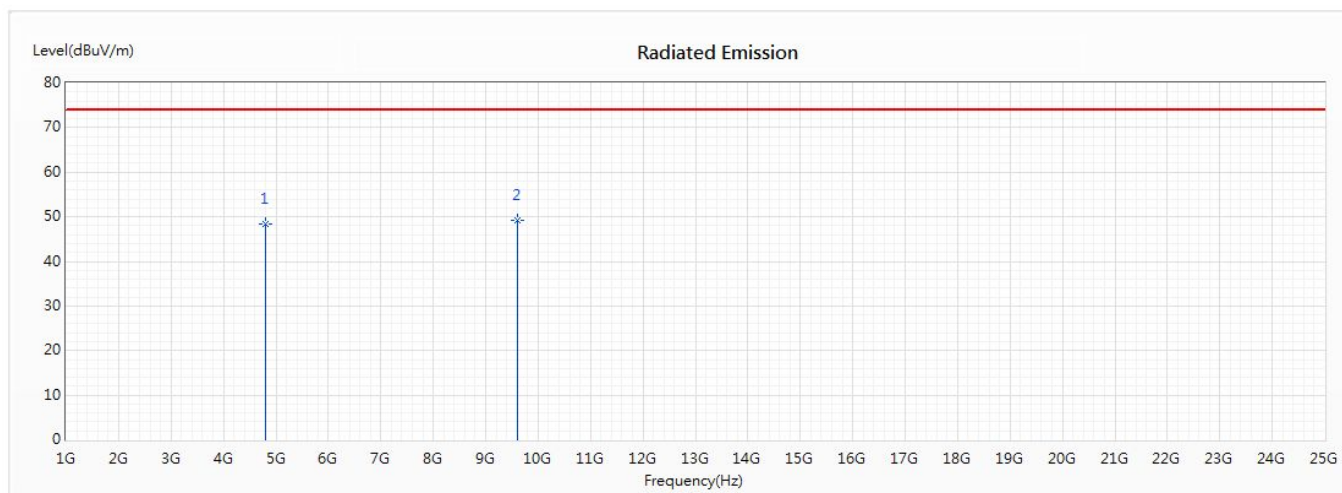
##### Average Detector:

Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 1: Transmit - 1Mbps(2402MHz)  
 Test Date : 2020/06/10

## Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4804	48.28	74.00	-25.72	51.52	-3.24	PK
* 2	9608	49.32	74.00	-24.68	47.09	2.23	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.
7. 3 times of fundamental is in unrestricted band of operation, please refer to section 5 test results.

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

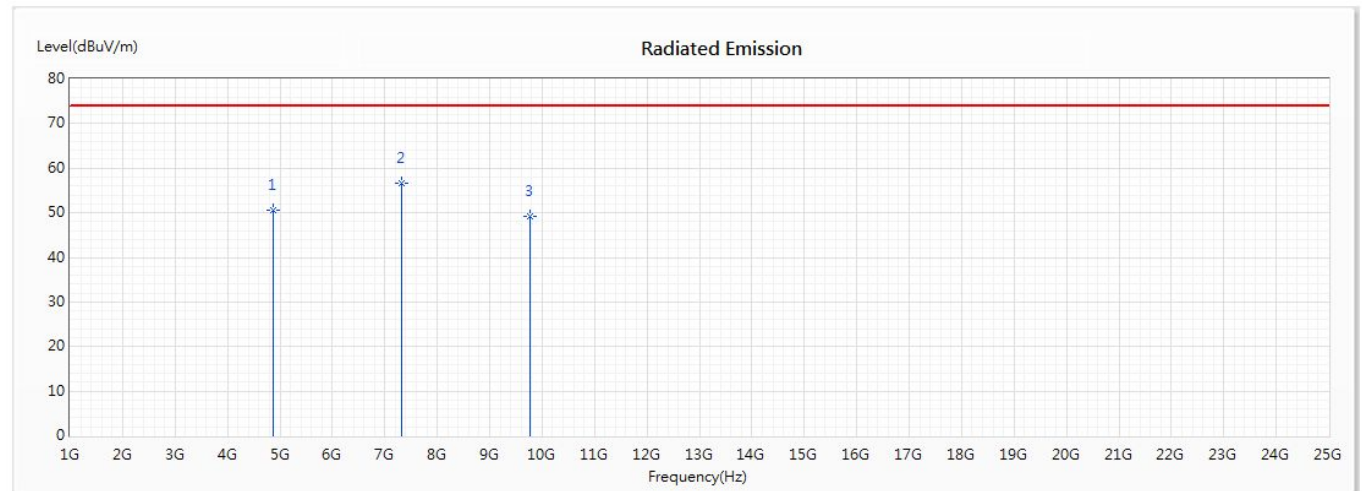
### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.



Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 1: Transmit - 1Mbps(2441MHz)  
 Test Date : 2020/06/10

## Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4880	50.54	74.00	-23.46	53.84	-3.30	PK
* 2	7320	56.73	74.00	-17.27	56.98	-0.25	PK
3	9760	49.14	74.00	-24.86	46.73	2.41	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

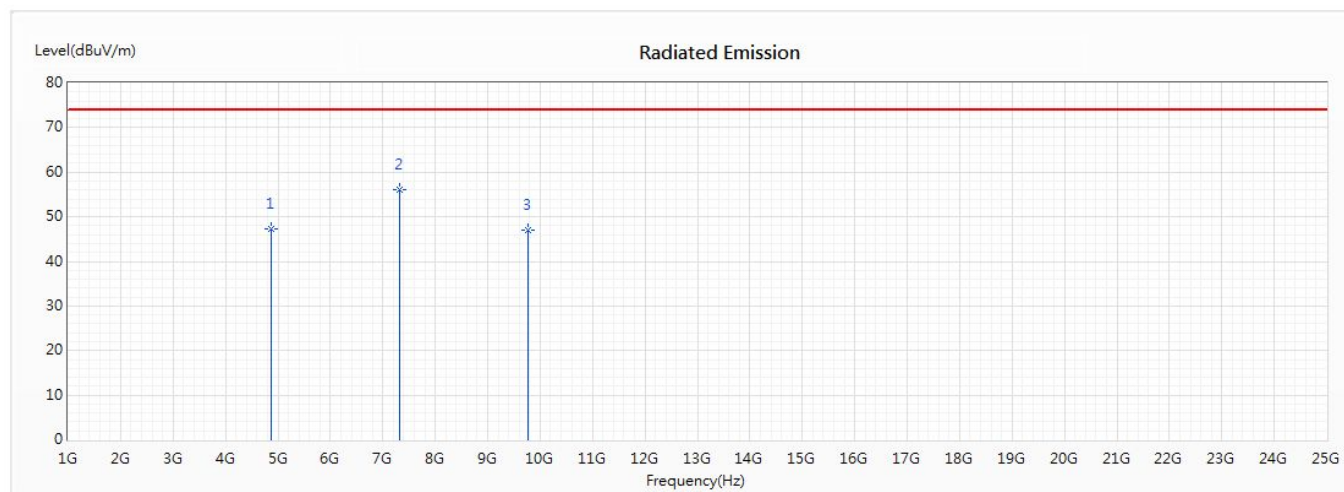
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
7320	56.73	-24.313	32.417	-21.583	74.000	54.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 1: Transmit - 1Mbps(2441MHz)  
 Test Date : 2020/06/10

## Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4880	47.28	74.00	-26.72	50.58	-3.30	PK
* 2	7320	56.09	74.00	-17.91	56.34	-0.25	PK
3	9760	47.05	74.00	-26.95	44.64	2.41	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

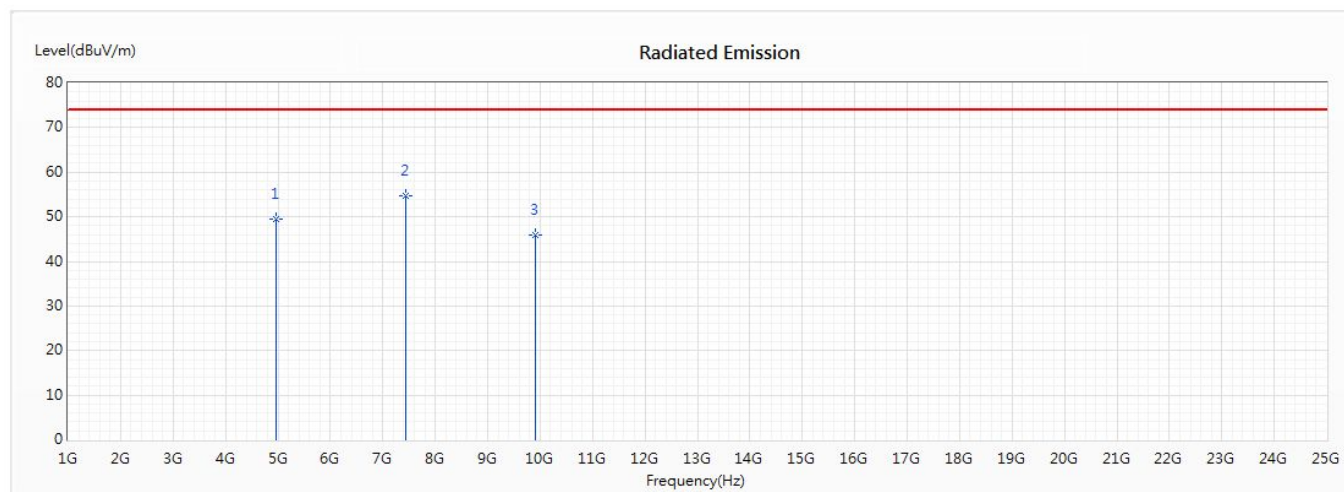
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
7320	56.09	-24.313	31.777	-22.223	74.000	54.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 1: Transmit - 1Mbps(2480MHz)  
 Test Date : 2020/06/10

## Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4960	49.37	74.00	-24.63	52.43	-3.06	PK
* 2	7440	54.83	74.00	-19.17	55.09	-0.26	PK
3	9920	45.88	74.00	-28.12	43.19	2.69	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

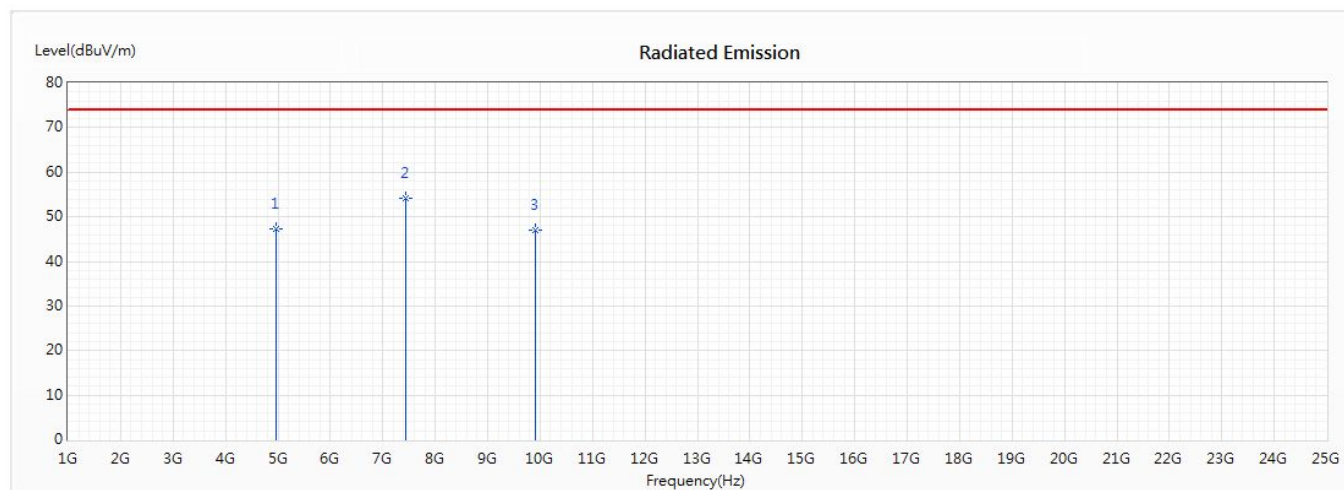
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
7440	54.83	-24.313	30.517	-23.483	74.000	54.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 1: Transmit - 1Mbps(2480MHz)  
 Test Date : 2020/06/10

## Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4960	47.21	74.00	-26.79	50.27	-3.06	PK
* 2	7440	54.15	74.00	-19.85	54.41	-0.26	PK
3	9920	46.92	74.00	-27.08	44.23	2.69	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

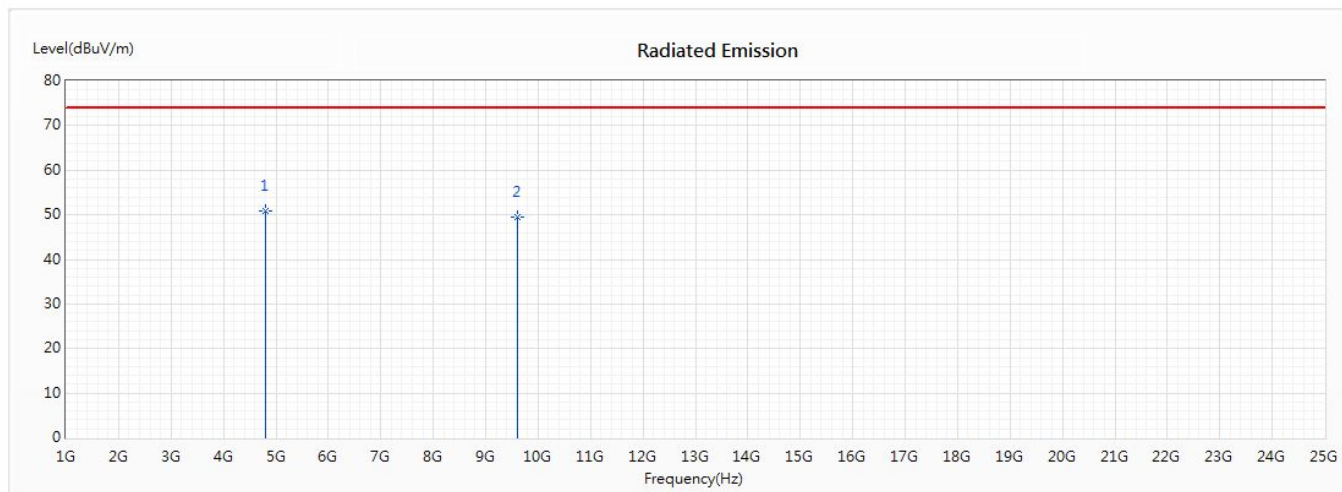
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
7440	54.15	-24.313	29.837	-24.163	74.000	54.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 2: Transmit - 3Mbps(2402MHz)  
 Test Date : 2020/06/10

## Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4804	50.81	74.00	-23.19	54.05	-3.24	PK
2	9608	49.56	74.00	-24.44	47.33	2.23	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.
7. 3 times of fundamental is in unrestricted band of operation, please refer to section 5 test results.

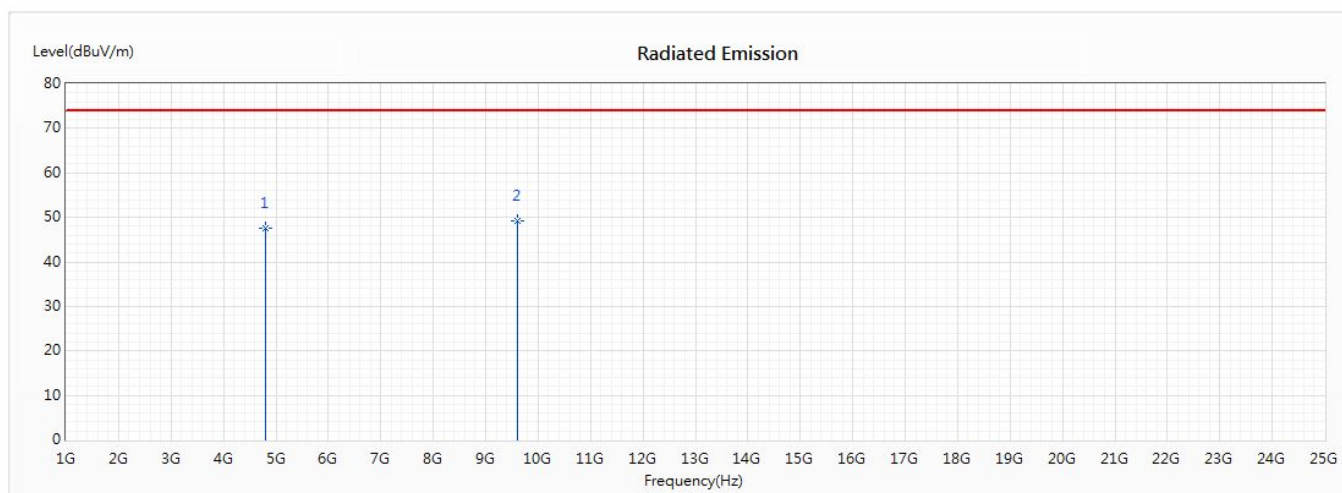
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 2: Transmit - 3Mbps(2402MHz)  
 Test Date : 2020/06/10

## Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4804	47.60	74.00	-26.40	50.84	-3.24	PK
* 2	9608	49.31	74.00	-24.69	47.08	2.23	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.
7. 3 times of fundamental is in unrestricted band of operation, please refer to section 5 test results.

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

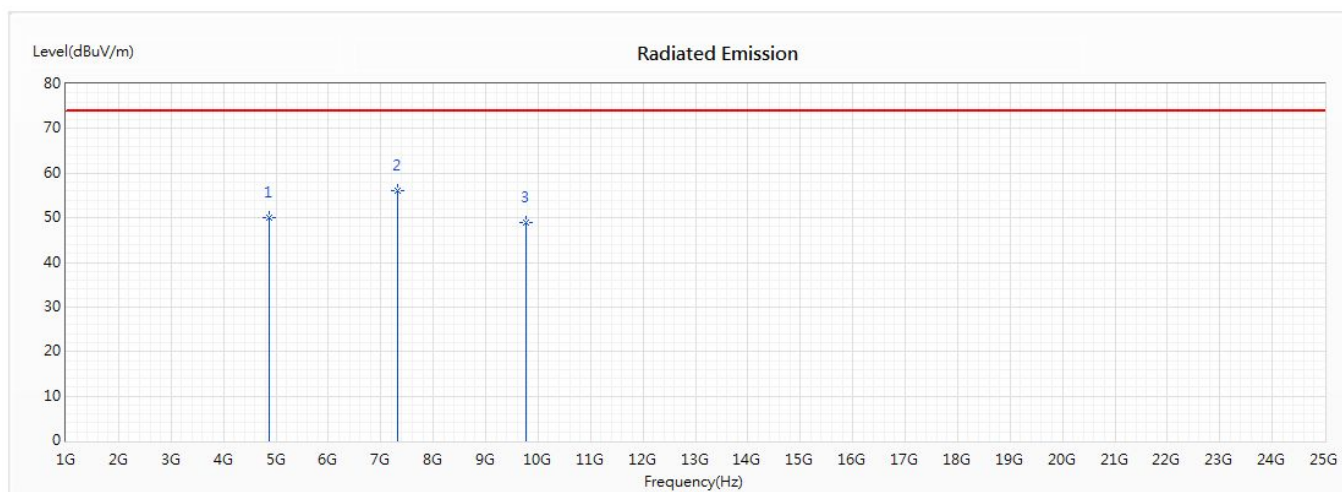
### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.



Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 2: Transmit - 3Mbps (2441MHz)  
 Test Date : 2020/06/10

## Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4880	49.96	74.00	-24.04	53.26	-3.30	PK
* 2	7320	56.01	74.00	-17.99	56.26	-0.25	PK
3	9760	49.07	74.00	-24.93	46.66	2.41	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

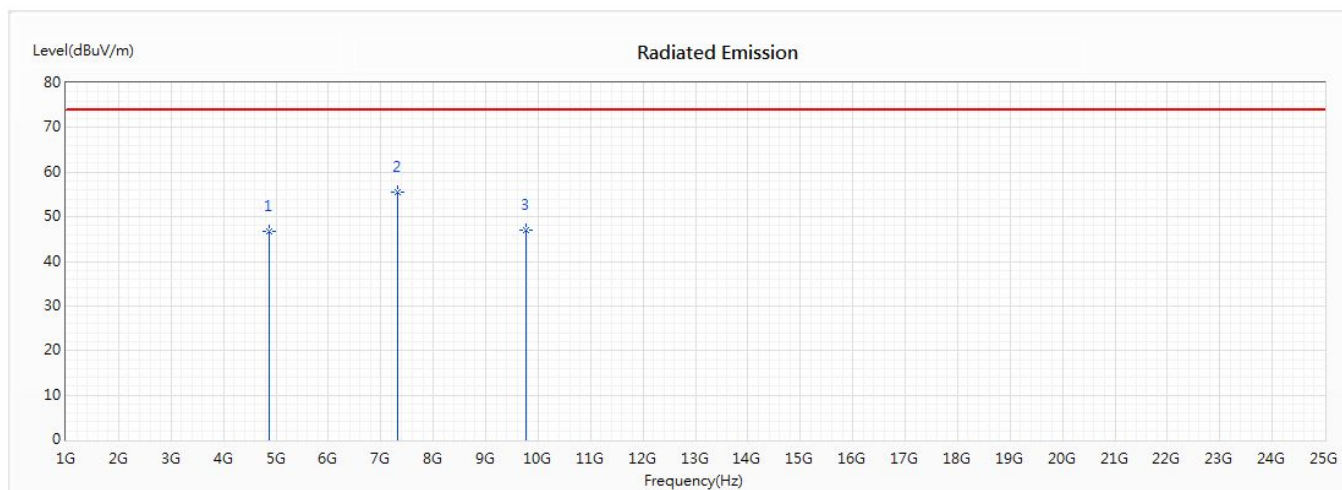
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
7320	56.01	-23.523	32.487	-21.513	74.000	54.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 2: Transmit - 3Mbps (2441MHz)  
 Test Date : 2020/06/10

## Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4880	46.65	74.00	-27.35	49.95	-3.30	PK
* 2	7320	55.44	74.00	-18.56	55.69	-0.25	PK
3	9760	46.99	74.00	-27.01	44.58	2.41	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
7320	55.44	-23.523	31.917	-22.083	74.000	54.000

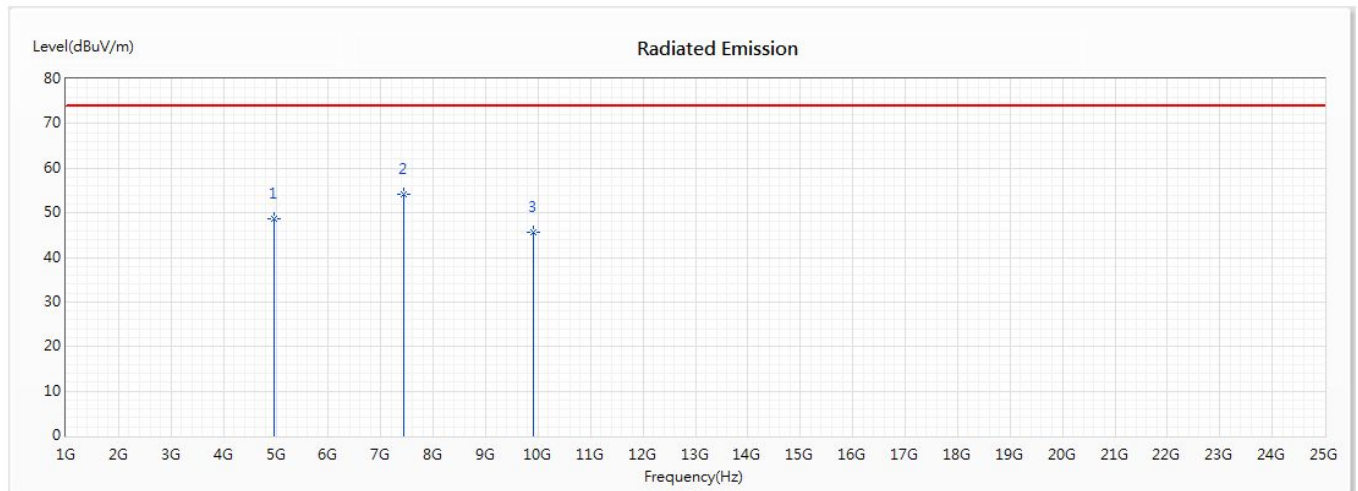
### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.



Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 2: Transmit - 3Mbps (2480MHz)  
 Test Date : 2020/06/10

## Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4960	48.79	74.00	-25.21	51.85	-3.06	PK
* 2	7440	54.21	74.00	-19.79	54.47	-0.26	PK
3	9920	45.72	74.00	-28.28	43.03	2.69	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

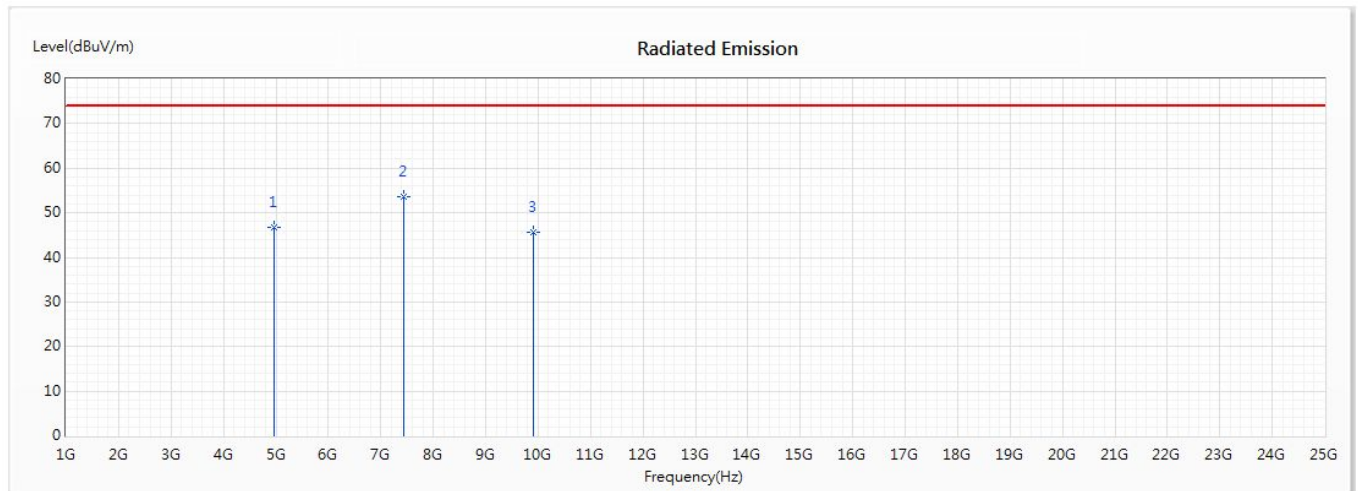
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
7440	54.21	-23.523	30.687	-23.313	74.000	54.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Harmonic Radiated Emission  
 Test Mode : Mode 2: Transmit - 3Mbps (2480MHz)  
 Test Date : 2020/06/10

## Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4960	46.69	74.00	-27.31	49.75	-3.06	PK
* 2	7440	53.66	74.00	-20.34	53.92	-0.26	PK
3	9920	45.77	74.00	-28.23	43.08	2.69	PK

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

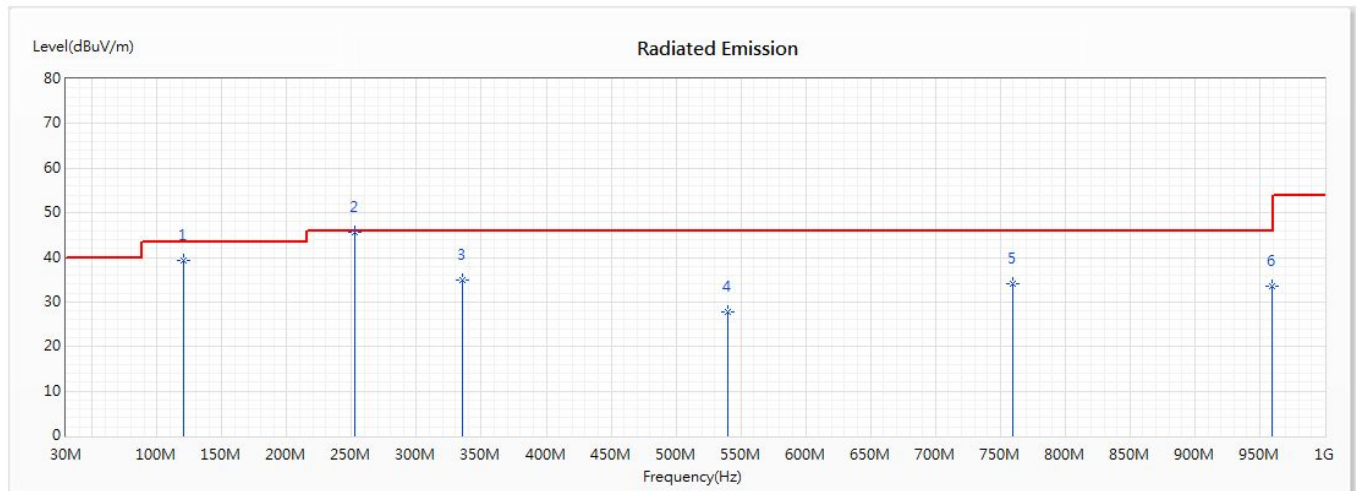
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : General Radiated Emission  
 Test Mode : Mode 1: Transmit - 1Mbps (2441MHz)  
 Test Date : 2020/06/18

## Horizontal



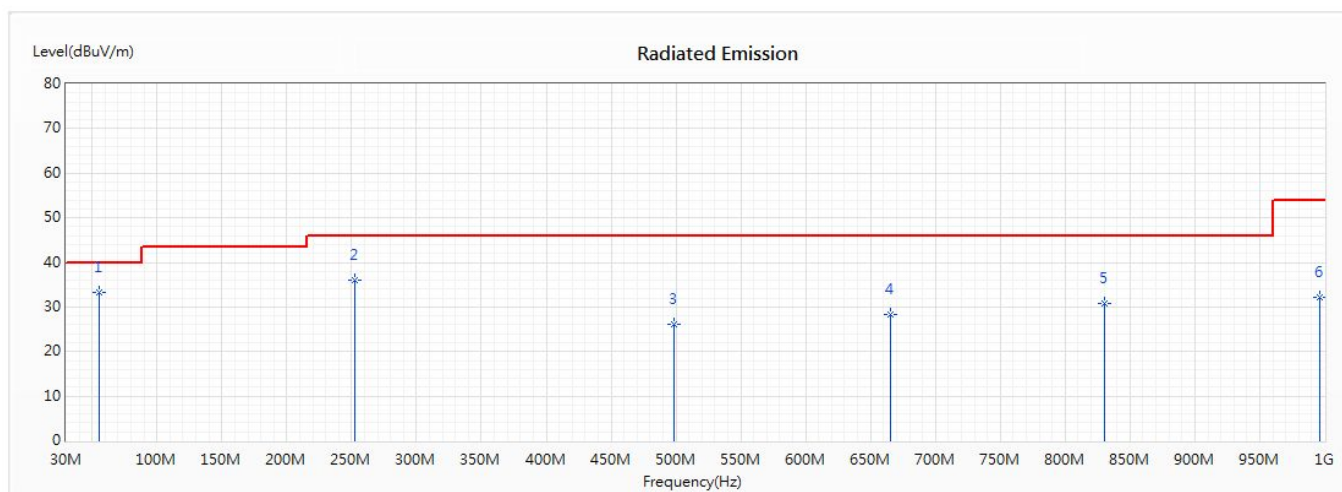
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	120.21	39.24	43.50	-4.26	52.36	-13.12	QP
* 2	252.13	45.51	46.00	-0.49	57.01	-11.50	QP
3	335.55	34.84	46.00	-11.16	43.59	-8.75	QP
4	540.22	27.80	46.00	-18.20	32.23	-4.43	QP
5	759.44	34.08	46.00	-11.92	35.01	-0.93	QP
6	959.26	33.58	46.00	-12.42	32.07	1.51	QP

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : 3-Axis Handheld Stabilizer  
 Test Item : General Radiated Emission  
 Test Mode : Mode 1: Transmit - 1Mbps (2441MHz)  
 Test Date : 2020/06/18

## Vertical



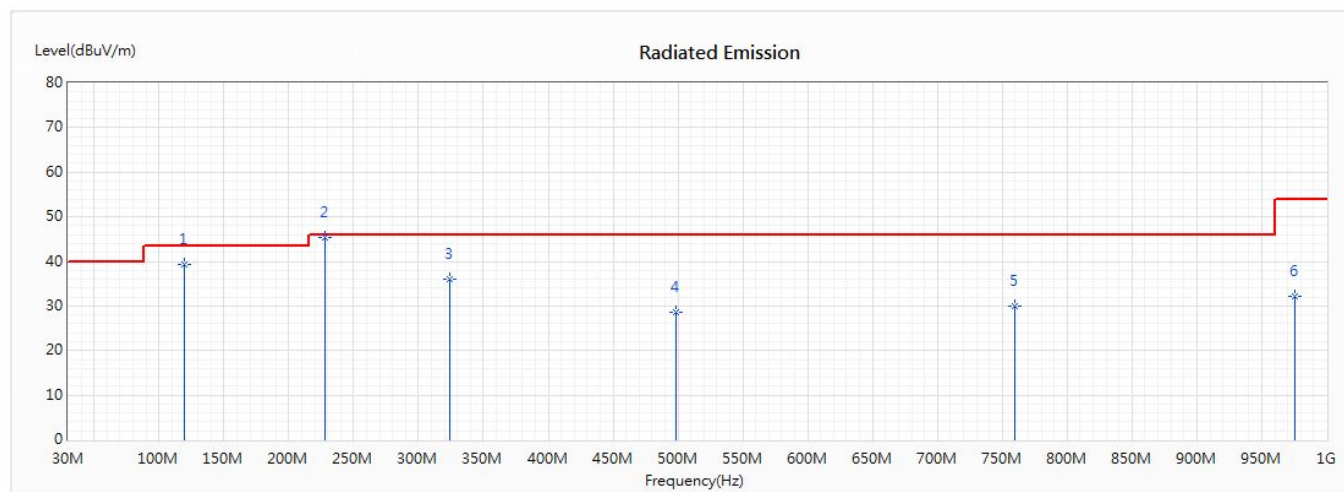
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	55.22	33.21	40.00	-6.79	44.17	-10.96	QP
2	252.13	36.13	46.00	-9.87	47.63	-11.50	QP
3	498.51	26.02	46.00	-19.98	31.21	-5.19	QP
4	665.35	28.19	46.00	-17.81	30.63	-2.44	QP
5	830.25	30.74	46.00	-15.26	30.83	-0.09	QP
6	996.12	32.15	54.00	-21.85	30.16	1.99	QP

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : 3-Axis Handheld Stabilizer  
 Test Item : General Radiated Emission  
 Test Mode : Mode 2: Transmit - 3Mbps (2441MHz)  
 Test Date : 2020/06/18

## Horizontal



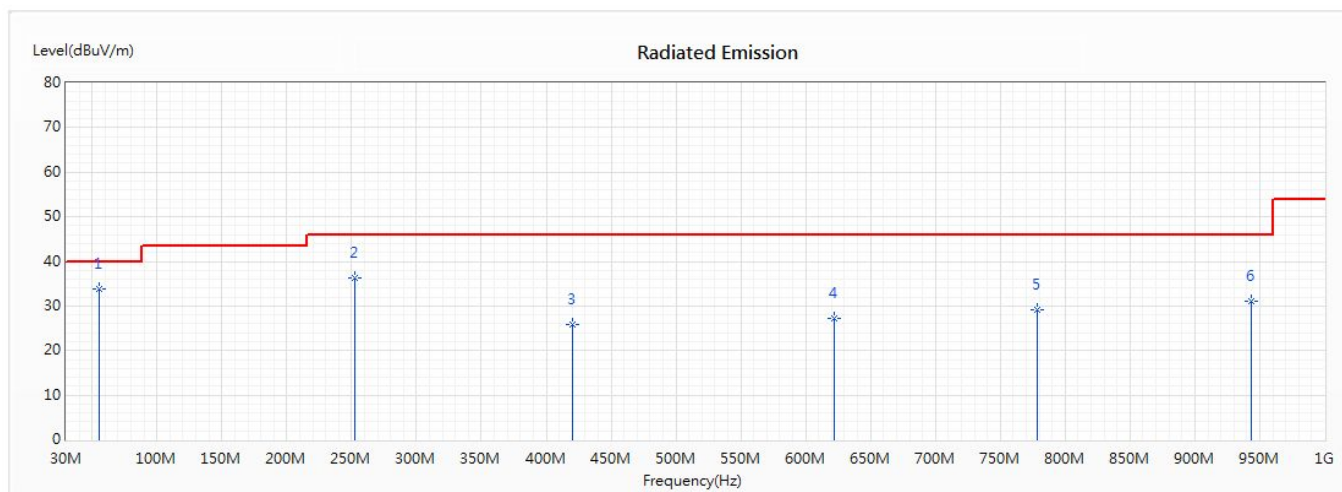
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	119.24	39.19	43.50	-4.31	52.41	-13.22	QP
* 2	227.88	45.41	46.00	-0.59	57.62	-12.21	QP
3	323.91	36.02	46.00	-9.98	45.14	-9.12	QP
4	498.51	28.58	46.00	-17.42	33.77	-5.19	QP
5	759.44	29.84	46.00	-16.16	30.77	-0.93	QP
6	975.75	32.06	54.00	-21.94	30.31	1.75	QP

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : 3-Axis Handheld Stabilizer  
 Test Item : General Radiated Emission  
 Test Mode : Mode 2: Transmit - 3Mbps (2441MHz)  
 Test Date : 2020/06/18

## Vertical



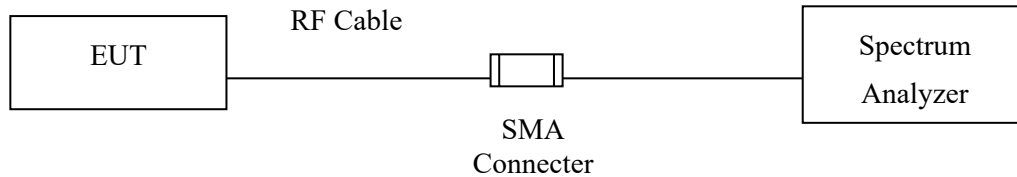
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	55.22	33.73	40.00	-6.27	44.69	-10.96	QP
2	252.13	36.42	46.00	-9.58	47.92	-11.50	QP
3	419.94	25.81	46.00	-20.19	32.67	-6.86	QP
4	621.7	27.23	46.00	-18.77	30.28	-3.05	QP
5	778.84	29.20	46.00	-16.80	29.90	-0.70	QP
6	943.74	31.19	46.00	-14.81	29.92	1.27	QP

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

## 5. RF Antenna Conducted Test

### 5.1. Test Setup



### 5.2. Limits

According to FCC Section 15.247(d). In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

### 5.3. Test Procedure

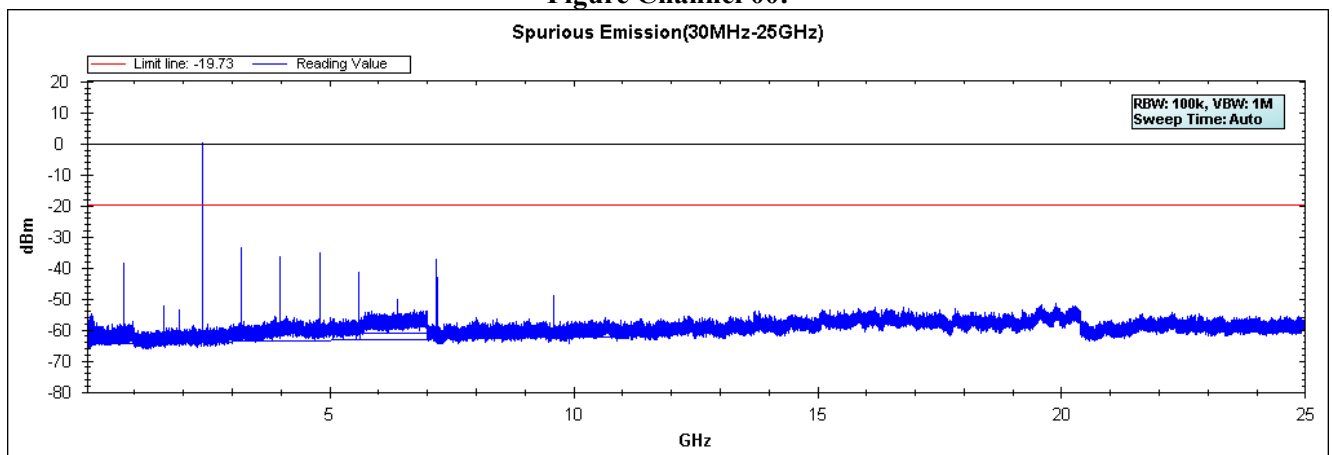
Tested according to FHSS test procedure of KDB558074 section 9 b) for compliance to FCC 47CFR 15.247 requirements.



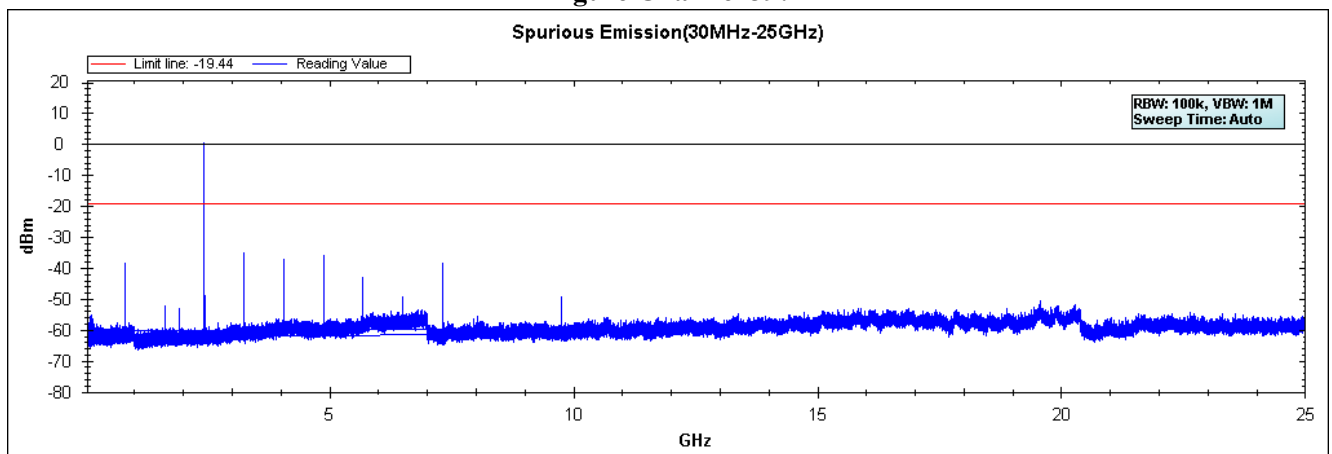
#### 5.4. Test Result of RF Antenna Conducted Test

Product : 3-Axis Handheld Stabilizer  
Test Item : RF Antenna Conducted Test  
Test Mode : Mode 1: Transmit - 1Mbps  
Test Date : 2020/05/26

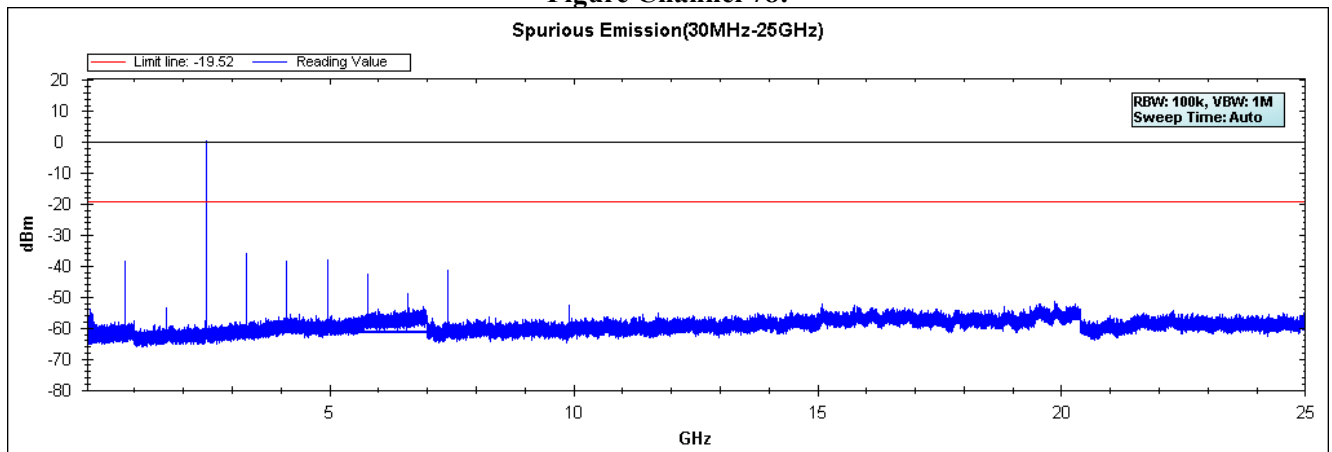
**Figure Channel 00:**



**Figure Channel 39:**



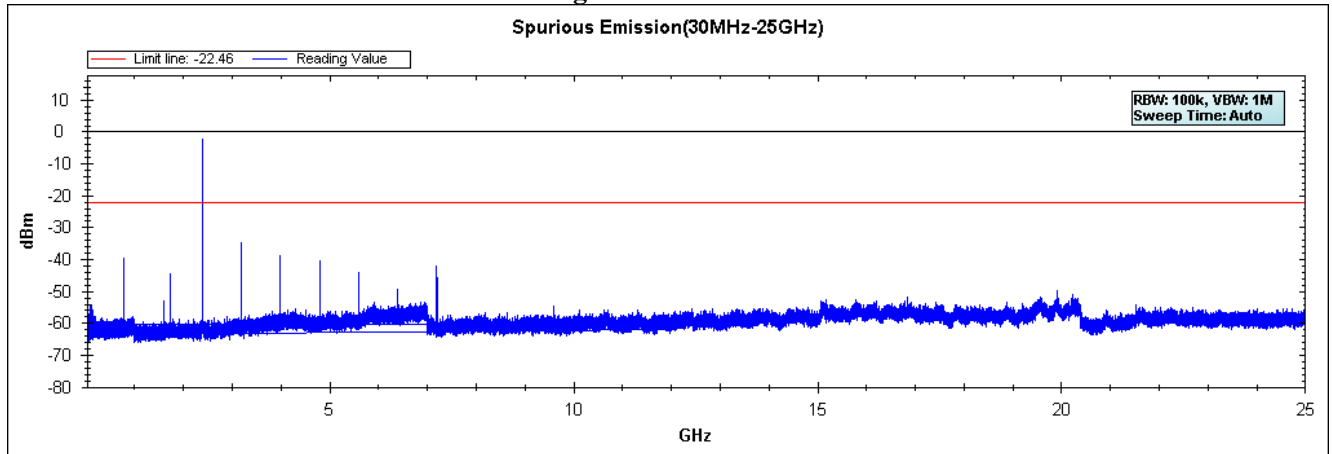
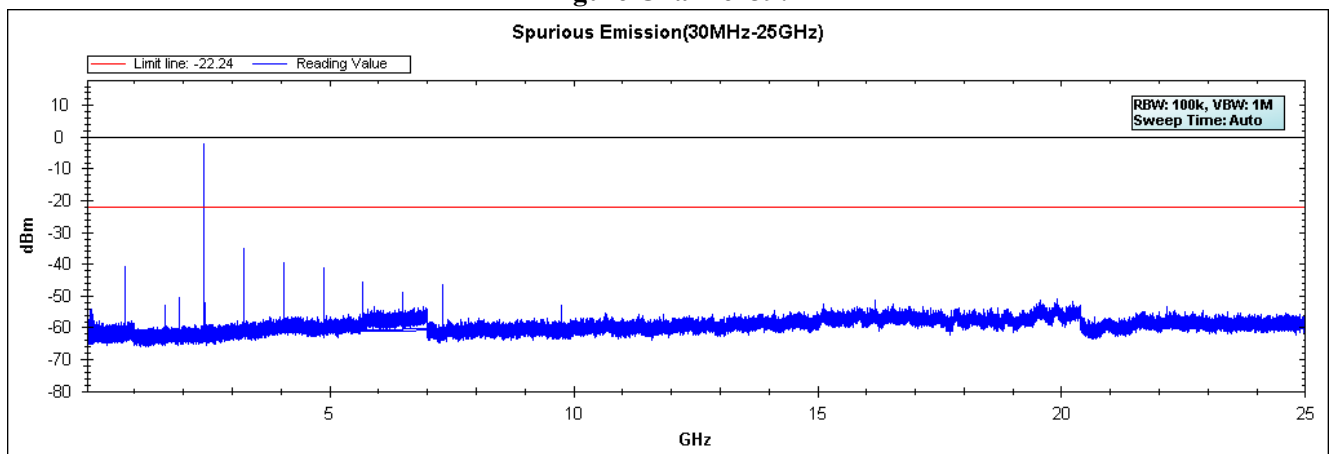
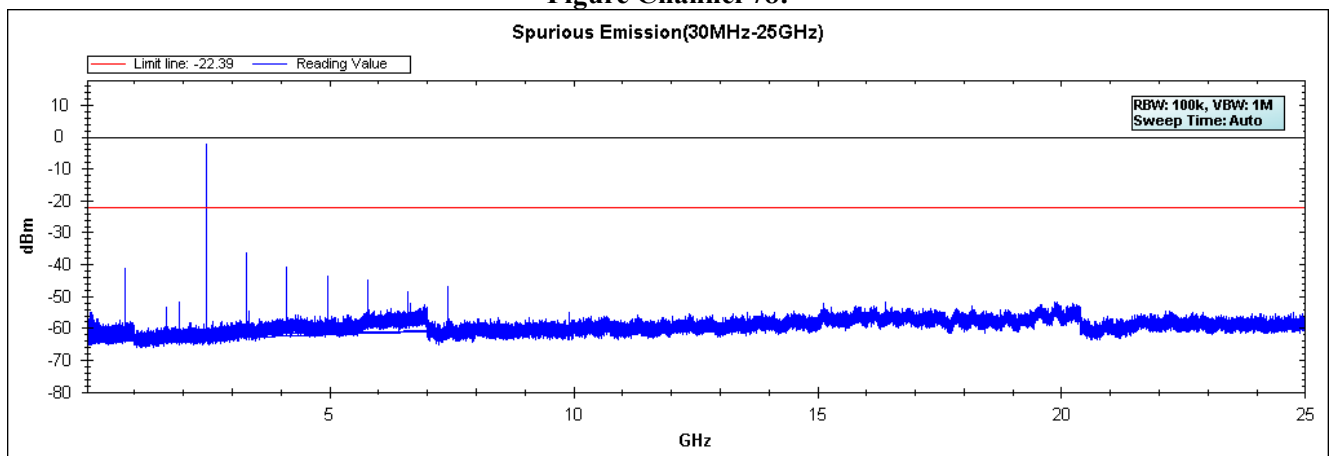
**Figure Channel 78:**



Note: The above test pattern is synthesized by multiple of the frequency range.



Product : 3-Axis Handheld Stabilizer  
Test Item : RF Antenna Conducted Test  
Test Mode : Mode 2: Transmit - 3Mbps  
Test Date : 2020/05/26

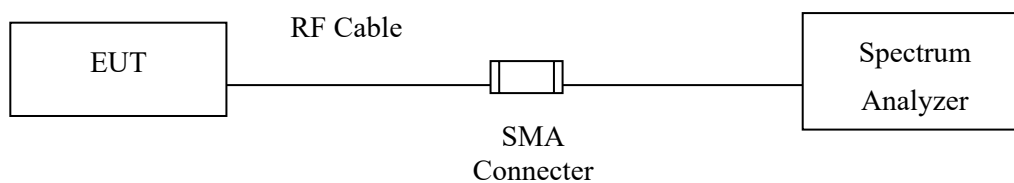
**Figure Channel 00:****Figure Channel 39:****Figure Channel 78:**

Note: The above test pattern is synthesized by multiple of the frequency range.

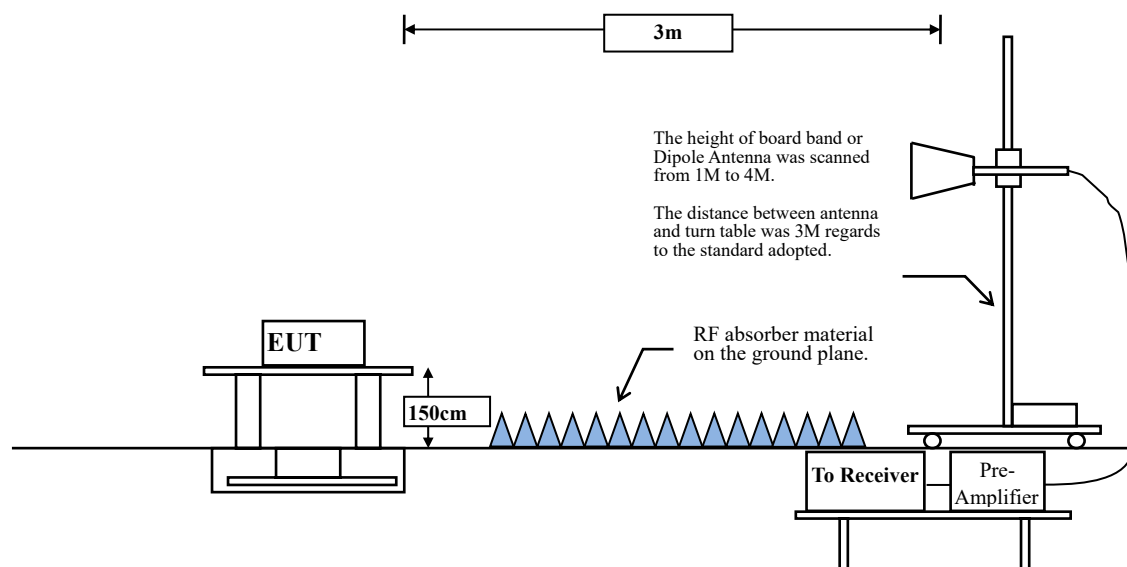
## 6. Band Edge

### 6.1. Test Setup

#### RF Conducted Measurement



#### RF Radiated Measurement:



## 6.2. Limit

According to FCC Section 15.247(d). In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, 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) (see Section 15.205(c)).

## 6.3. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

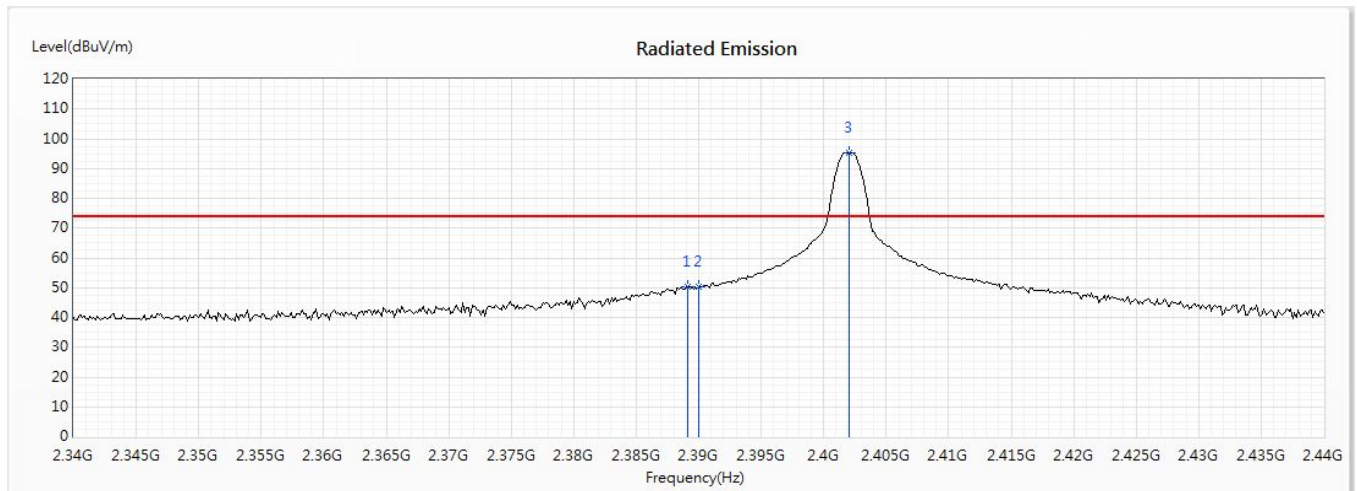
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The bandwidth setting below 1GHz and above 1GHz on the field strength meter is 120 kHz and 1MHz, respectively.

#### 6.4. Test Result of Band Edge

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 1: Transmit - 1Mbps (2402MHz)  
 Test Date : 2020/05/23

##### Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2389.13	50.34	74.00	-23.66	39.35	10.99	PK
2	2390	50.37	74.00	-23.63	39.38	10.99	PK
3	2402.029	95.43	--	--	84.37	11.06	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

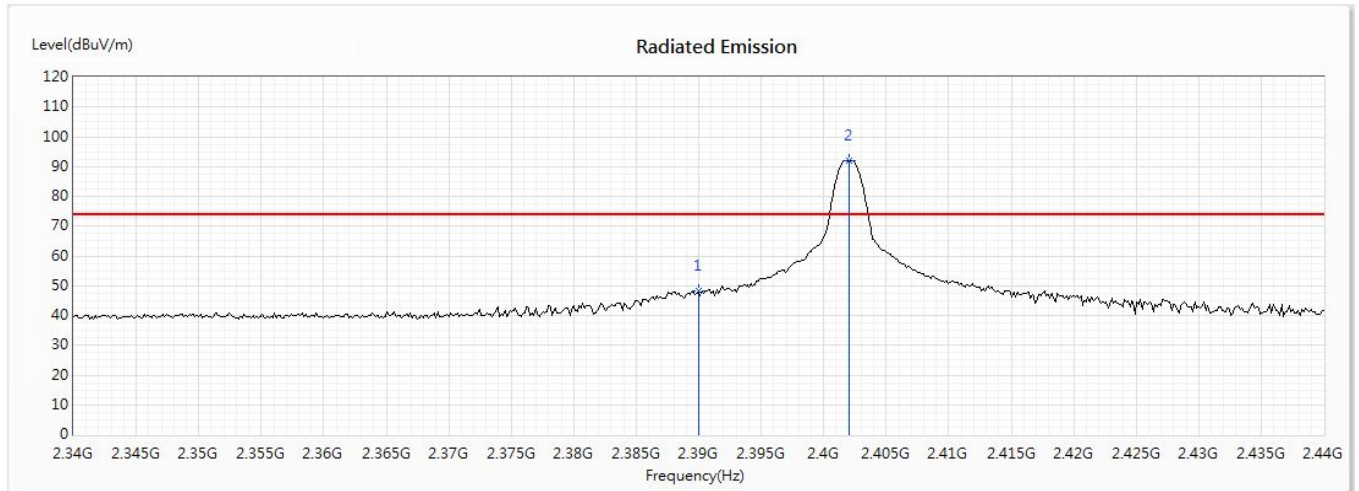
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
00 (Average)	2389.13	50.34	-24.313	26.027	-27.973	54.000	Pass
00 (Average)	2390	50.37	-24.313	26.057	-27.943	54.000	Pass
00 (Average)	2402.029	95.43	-24.313	71.117	--	--	Pass

Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 1: Transmit - 1Mbps (2402MHz)  
 Test Date : 2020/05/23

### Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	48.06	74.00	-25.94	37.07	10.99	PK
2	2402	92.06	--	--	81.00	11.06	PK

#### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

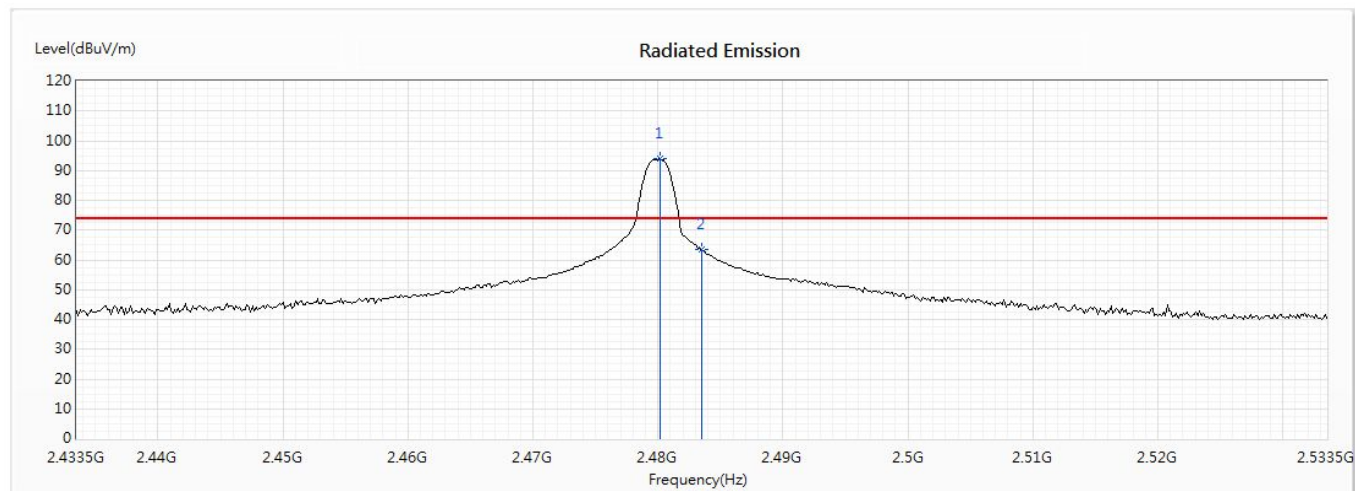
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
00 (Average)	2390	48.06	-24.313	23.747	-30.253	54.000	Pass
00 (Average)	2402	92.06	-24.313	67.747	--	--	Pass

#### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 1: Transmit - 1Mbps (2480MHz)  
 Test Date : 2020/05/23

## Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2480.167	93.82	--	--	82.13	11.69	PK
2	2483.5	63.37	74.00	-10.63	51.66	11.71	PK

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

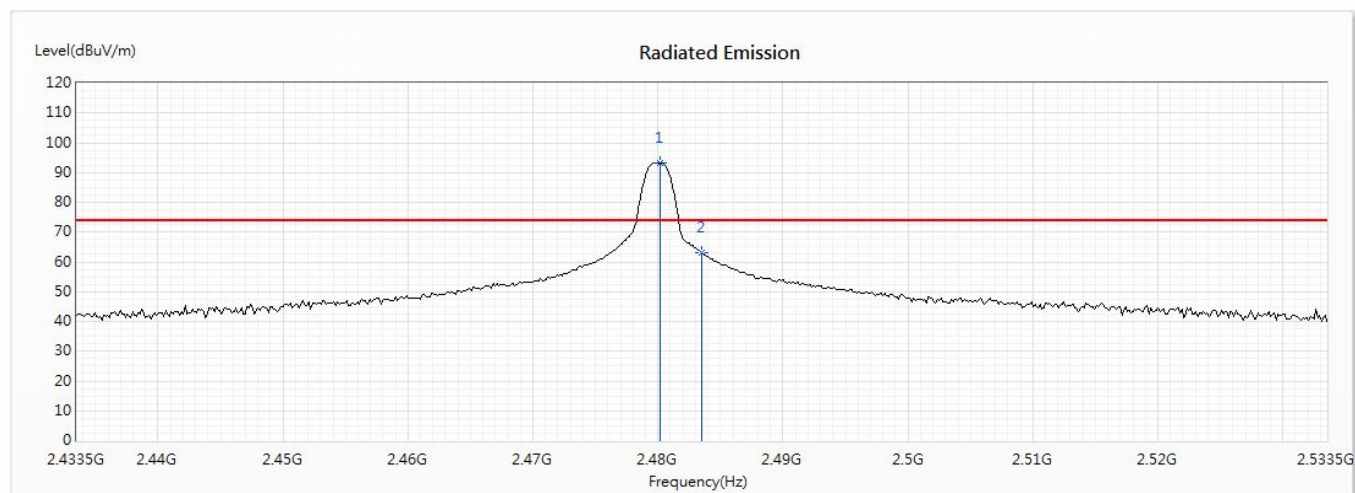
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
78 (Average)	2480.167	93.82	-24.313	69.507	--	--	Pass
78 (Average)	2483.5	63.37	-24.313	39.057	-14.943	54.000	Pass

### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 1: Transmit - 1Mbps (2480MHz)  
 Test Date : 2020/05/23

## Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2480.167	93.40	--	--	81.71	11.69	PK
2	2483.5	63.01	74.00	-10.99	51.30	11.71	PK

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

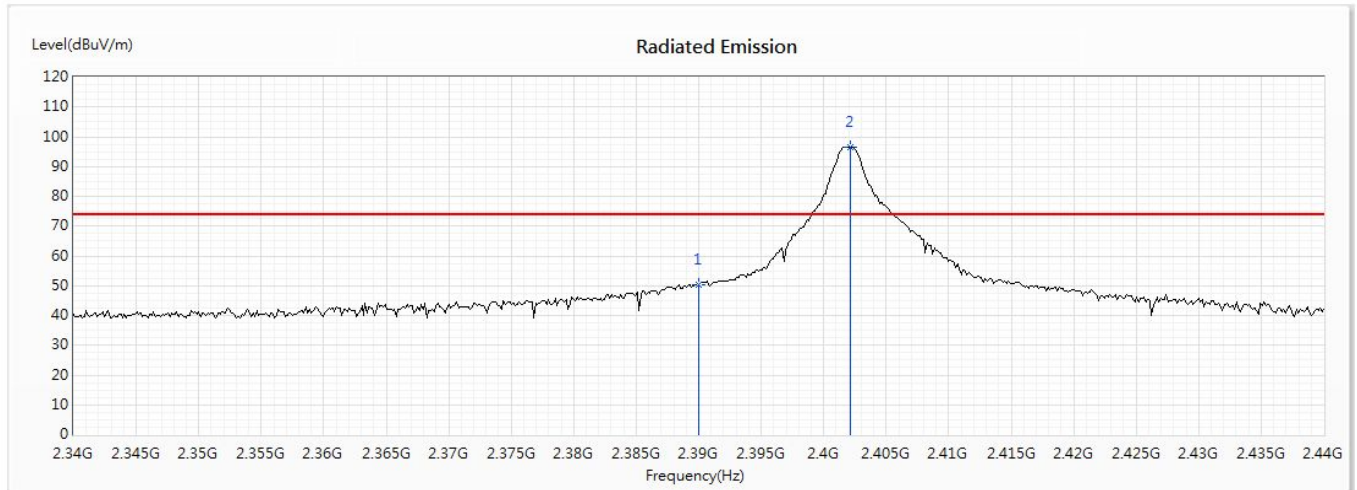
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
78 (Average)	2480.167	93.40	-24.313	69.087	--	--	Pass
78 (Average)	2483.5	63.01	-24.313	38.697	-15.303	54.000	Pass

### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 2: Transmit - 3Mbps (2402MHz)  
 Test Date : 2020/05/23

### Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	50.19	74.00	-23.81	39.20	10.99	PK
2	2402.174	96.42	--	--	85.36	11.06	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
00 (Average)	2390	50.19	-23.523	26.667	-27.333	54.000	Pass
00 (Average)	2402.174	96.42	-23.523	72.897	--	--	Pass

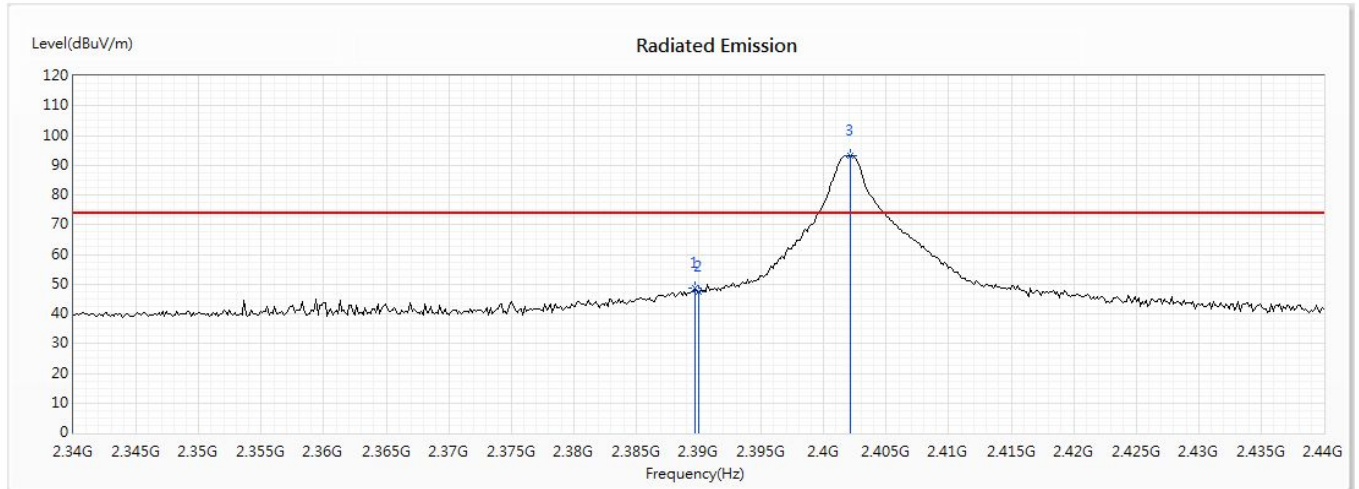
Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 11.



Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 2: Transmit - 3Mbps (2402MHz)  
 Test Date : 2020/05/23

### Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2389.71	48.65	74.00	-25.35	37.66	10.99	PK
2	2390	47.24	74.00	-26.76	36.25	10.99	PK
3	2402.174	93.05	--	--	81.99	11.06	PK

#### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

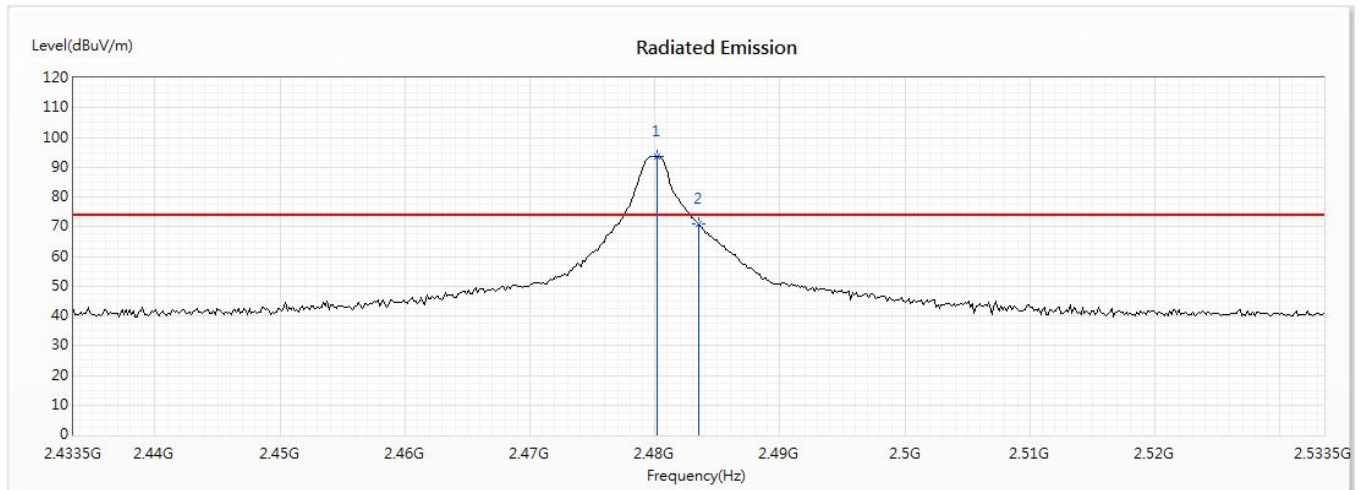
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
00 (Average)	2389.71	48.65	-23.523	25.127	-28.873	54.000	Pass
00 (Average)	2390	47.24	-23.523	23.717	-30.283	54.000	Pass
00 (Average)	2402.174	93.05	-23.523	69.527	--	--	Pass

#### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 2: Transmit - 3Mbps (2480MHz)  
 Test Date : 2020/05/23

### Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2480.167	93.81	--	--	82.12	11.69	PK
2	2483.5	70.97	74.00	-3.03	59.26	11.71	PK

#### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

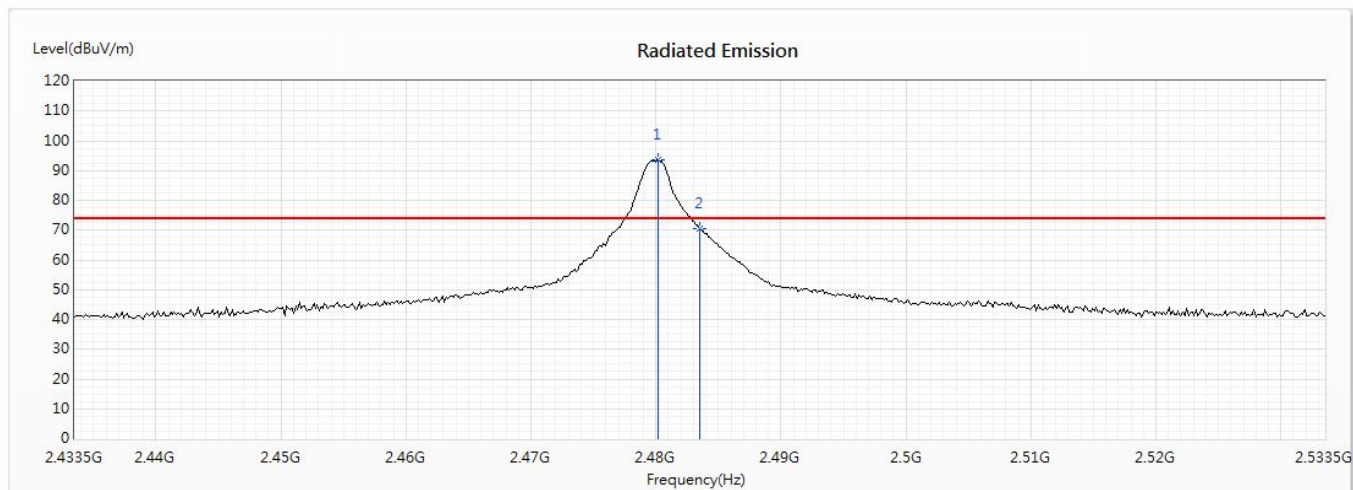
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
78 (Average)	2480.167	93.81	-23.523	70.287	--	--	Pass
78 (Average)	2483.5	70.97	-23.523	47.447	-6.553	54.000	Pass

#### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 2: Transmit - 3Mbps (2480MHz)  
 Test Date : 2020/05/23

### Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2480.167	93.42	--	--	81.73	11.69	PK
2	2483.5	70.57	74.00	-3.43	58.86	11.71	PK

#### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
78 (Average)	2480.167	93.42	-23.523	69.897	--	--	Pass
78 (Average)	2483.5	70.57	-23.523	47.047	-6.953	54.000	Pass

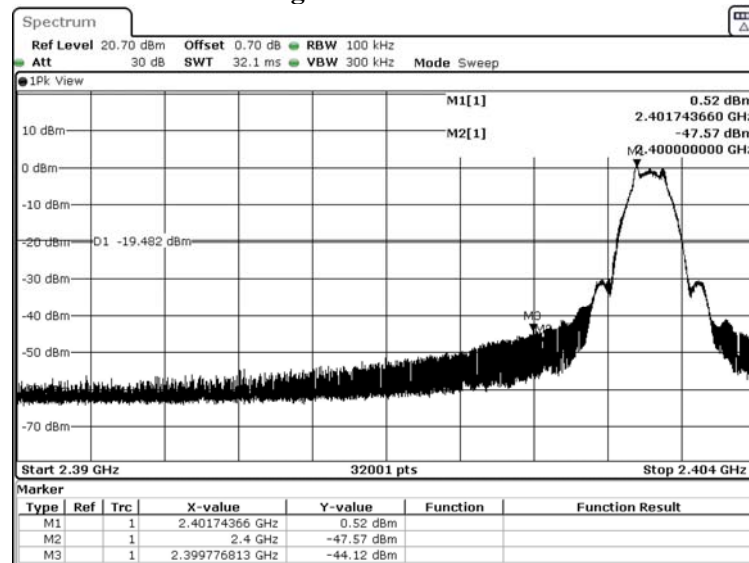
#### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 11.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 1: Transmit - 1Mbps(Hopping off)  
 Test Date : 2020/05/26

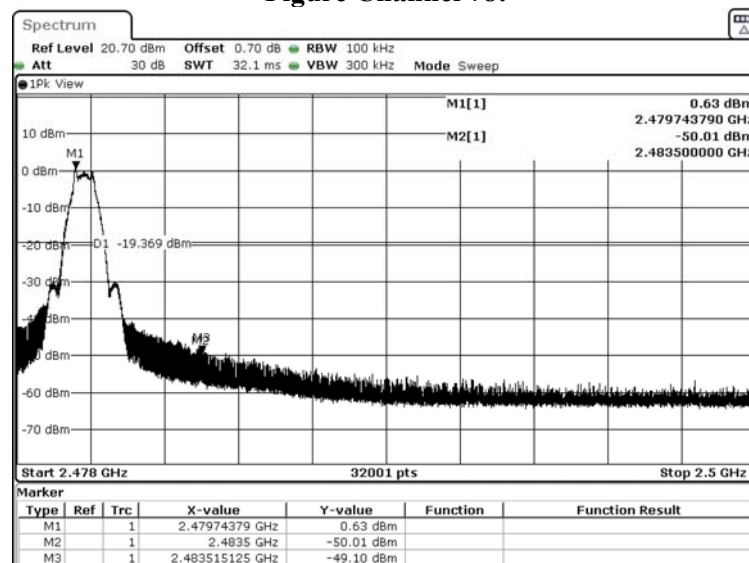
Measurement Level	Result
$\Delta$ (dB)	
> 20	PASS

Figure Channel 00:



Date: 26 MAY 2020 23:37:38

Figure Channel 78:

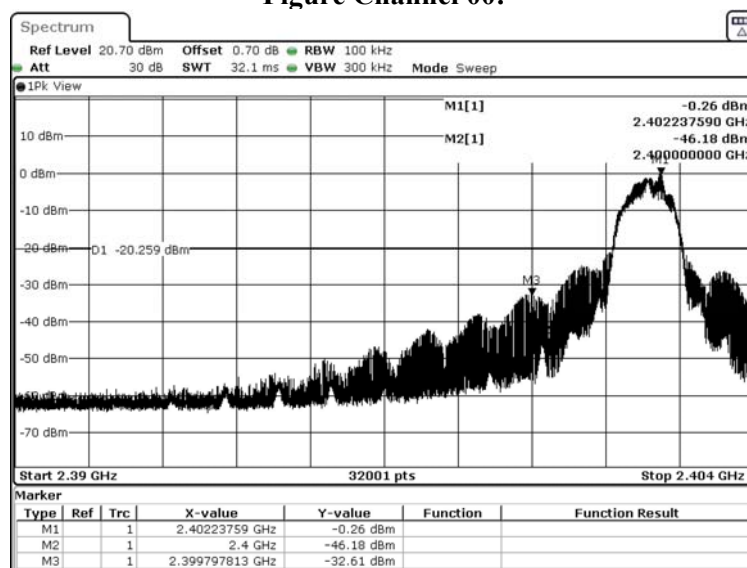


Date: 26 MAY 2020 23:57:04

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 2: Transmit - 3Mbps (Hopping off)  
 Test Date : 2020/05/27

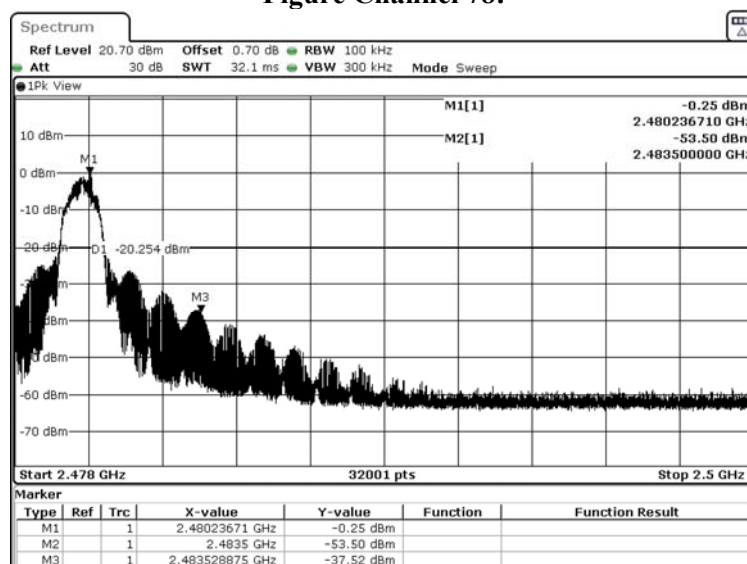
Measurement Level	Result
$\Delta$ (dB)	
> 20	PASS

Figure Channel 00:



Date: 27.MAY.2020 00:14:13

Figure Channel 78:

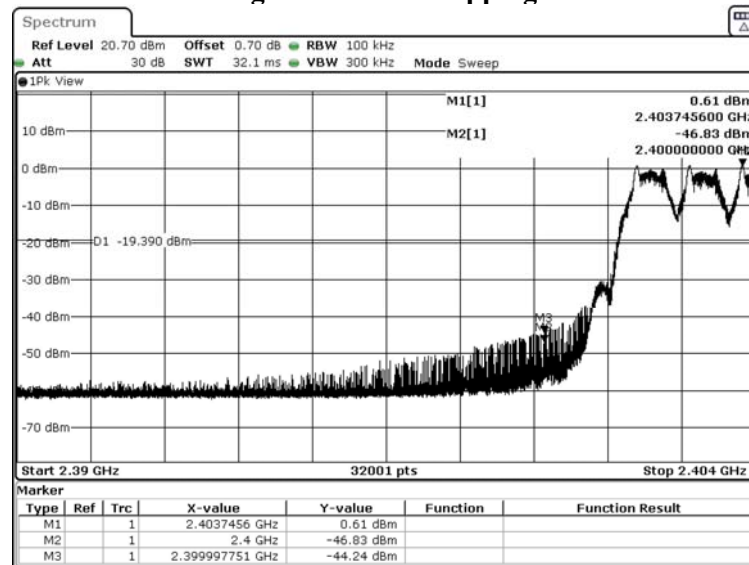


Date: 27.MAY.2020 00:37:09

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 1: Transmit - 1Mbps(Hopping on)  
 Test Date : 2020/05/26

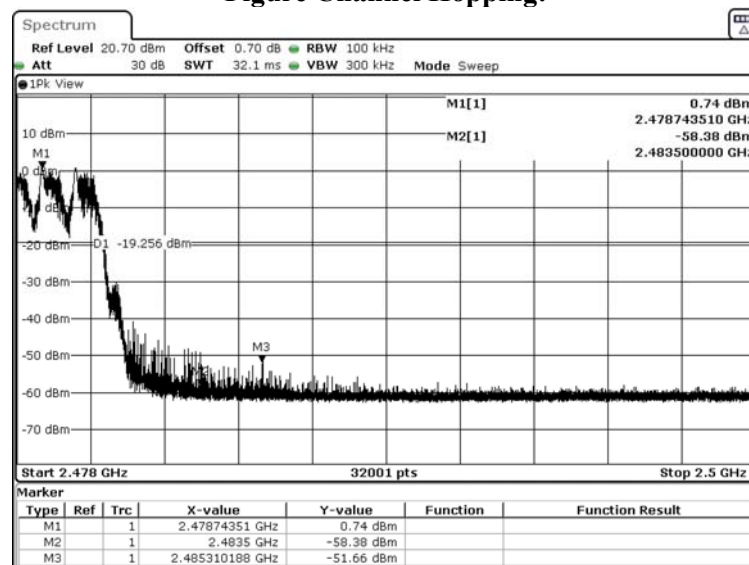
Measurement Level	Result
$\Delta$ (dB)	
> 20	PASS

Figure Channel Hopping:



Date: 26 MAY.2020 23:44:12

Figure Channel Hopping:

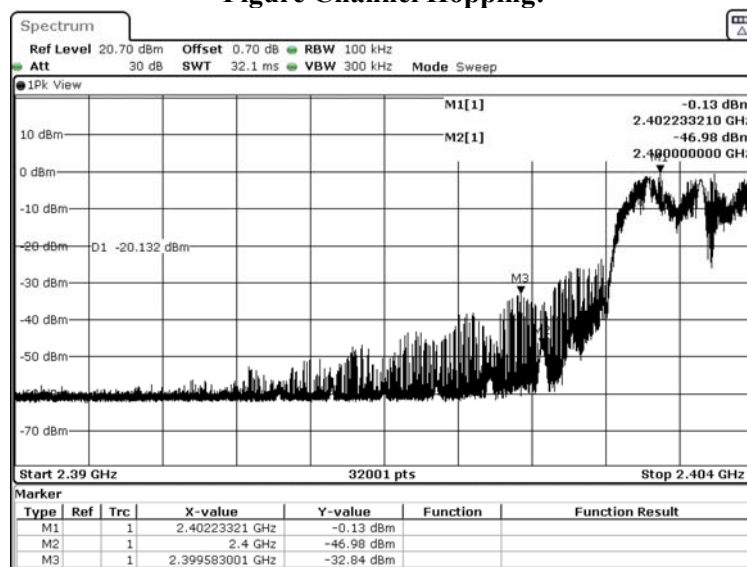


Date: 27 MAY.2020 00:02:12

Product : 3-Axis Handheld Stabilizer  
 Test Item : Band Edge  
 Test Mode : Mode 2: Transmit - 3Mbps (Hopping on)  
 Test Date : 2020/05/27

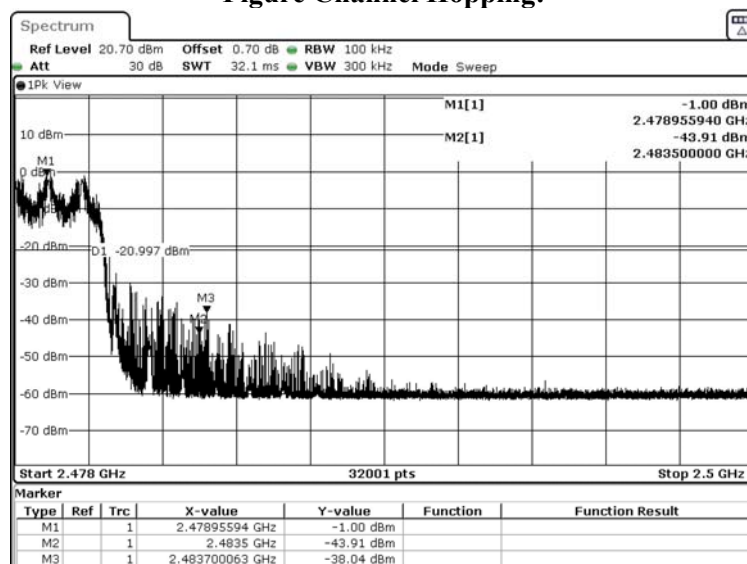
Measurement Level	Result
$\Delta$ (dB)	
> 20	PASS

Figure Channel Hopping:



Date: 27.MAY.2020 00:19:43

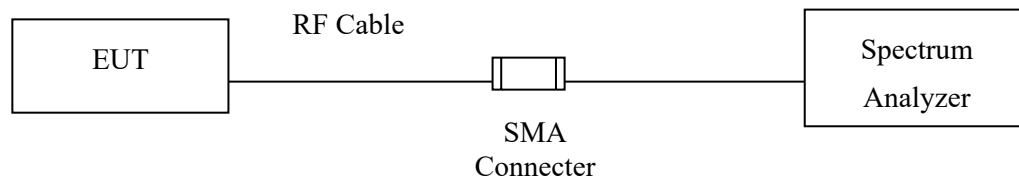
Figure Channel Hopping:



Date: 27.MAY.2020 00:44:43

## 7. Channel Number

### 7.1. Test Setup



### 7.2. Limit

Frequency hopping systems operating in the 2400-2483.5 MHz bands shall use at least 75 hopping frequencies.

### 7.3. Test Procedure

Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

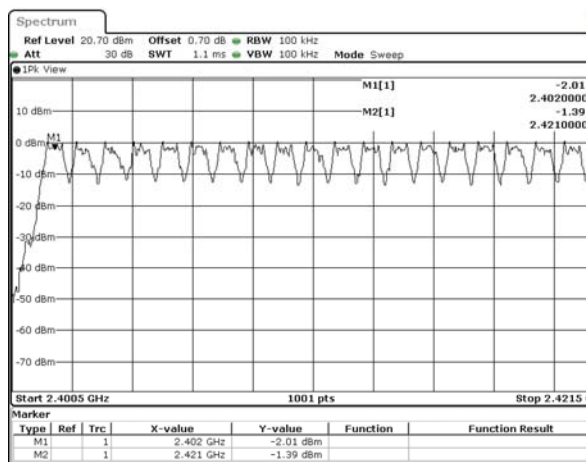


#### 7.4. Test Result of Channel Number

Product : 3-Axis Handheld Stabilizer  
 Test Item : Channel Number  
 Test Mode : Mode 1: Transmit - 1Mbps  
 Test Date : 2020/05/27

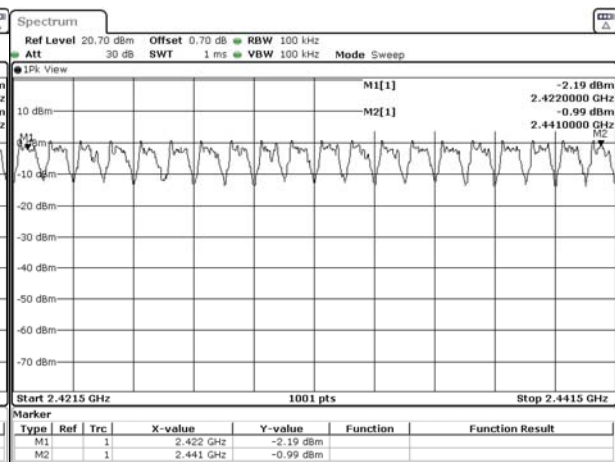
Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>75	Pass

2402-2421MHz



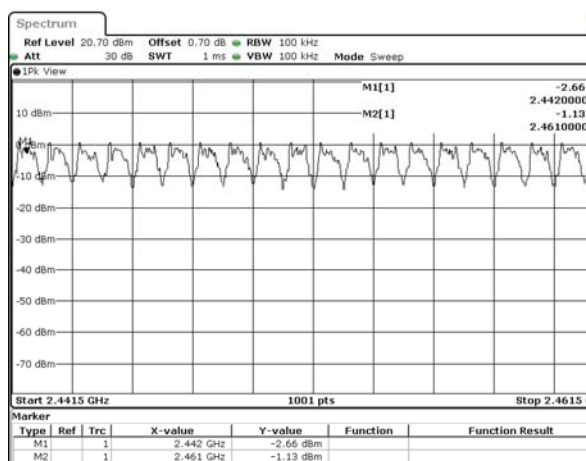
Date: 27 MAY 2020 00:05:23

2422-2441MHz



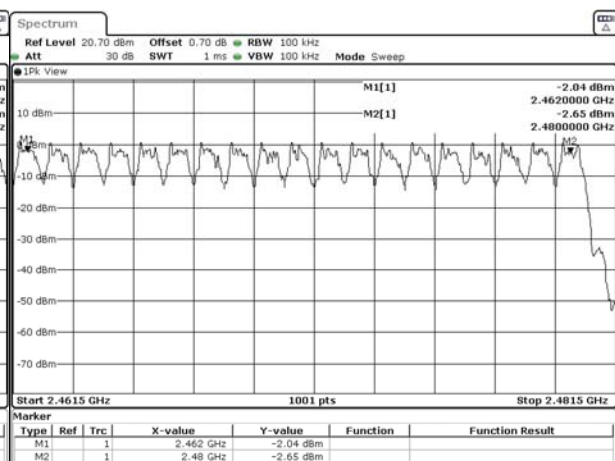
Date: 27 MAY 2020 00:06:48

2442-2461MHz



Date: 27 MAY 2020 00:07:53

2462-2480MHz

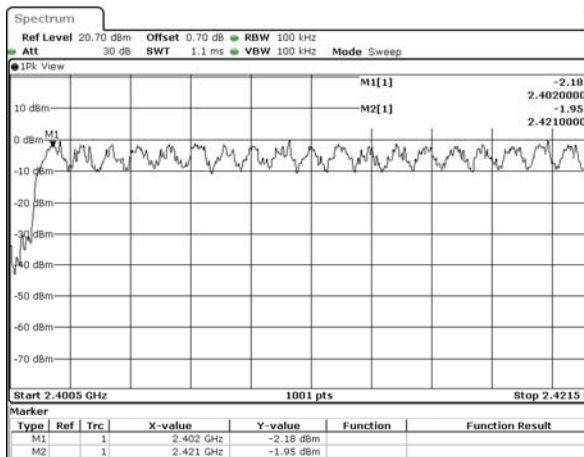


Date: 27 MAY 2020 00:09:12

Product : 3-Axis Handheld Stabilizer  
 Test Item : Channel Number  
 Test Mode : Mode 2: Transmit - 3Mbps  
 Test Date : 2020/05/27

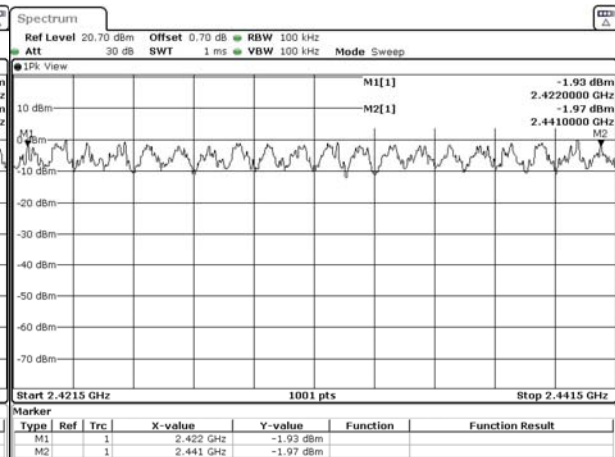
Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>75	Pass

2402-2421MHz



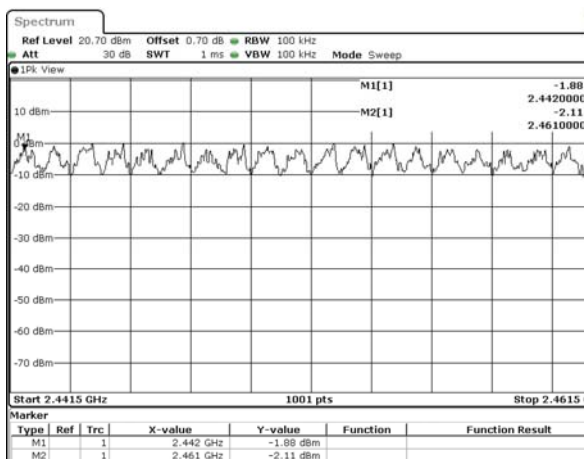
Date: 27 MAY 2020 00:51:22

2422-2441MHz



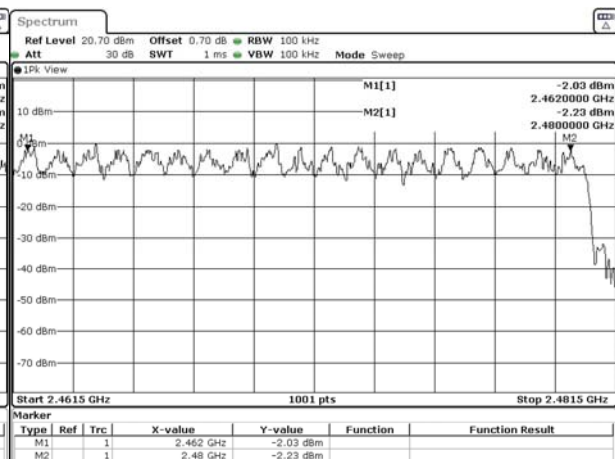
Date: 27 MAY 2020 00:56:42

2442-2461MHz



Date: 27 MAY 2020 01:01:53

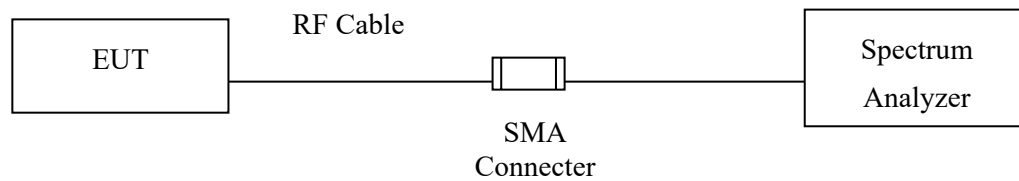
2462-2480MHz



Date: 27 MAY 2020 01:06:29

## 8. Channel Separation

### 8.1. Test Setup



### 8.2. Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

### 8.3. Test Procedure

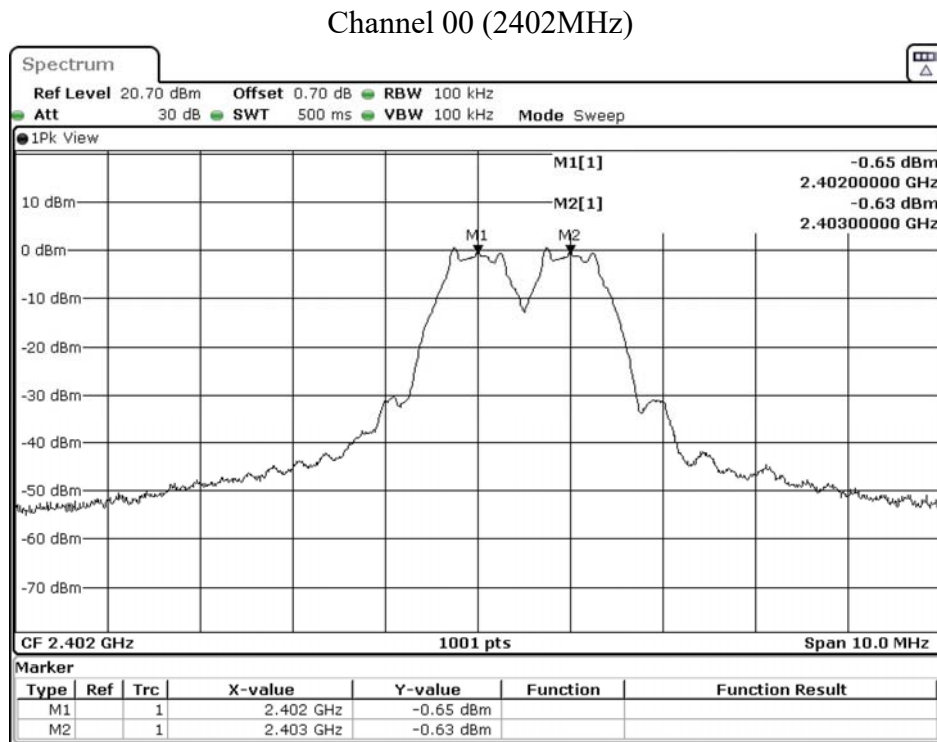
Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

#### 8.4. Test Result of Channel Separation

Product : 3-Axis Handheld Stabilizer  
 Test Item : Channel Separation  
 Test Mode : Mode 1: Transmit - 1Mbps  
 Test Date : 2020/05/26

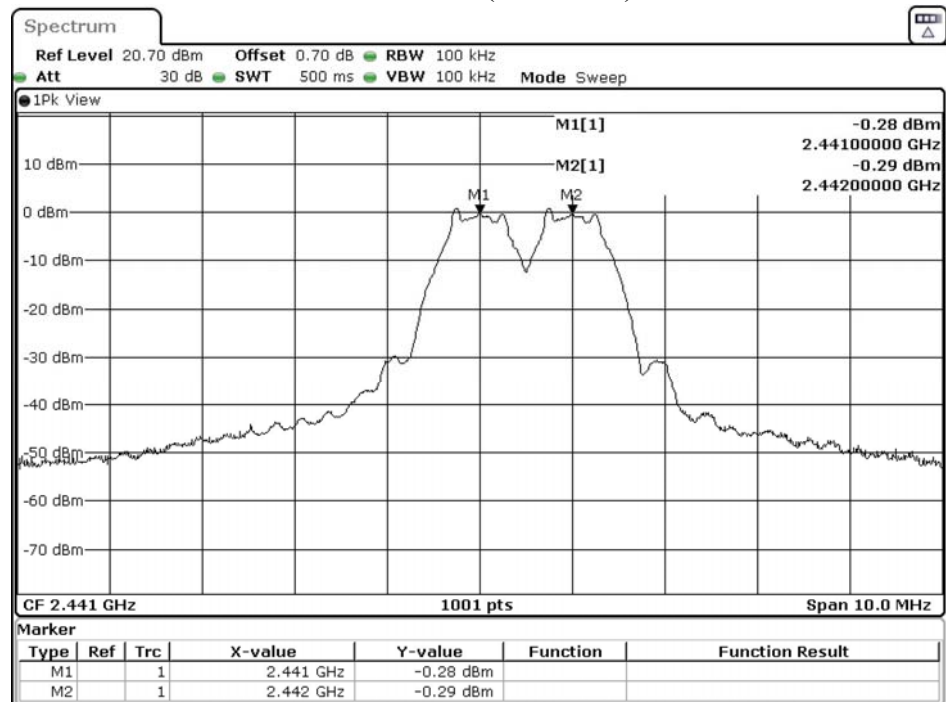
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1000	>25 kHz	720.0	Pass
39	2441	1000	>25 kHz	720.0	Pass
78	2480	1000	>25 kHz	720.0	Pass

NOTE: The 20dB Bandwidth is refer to section 10.



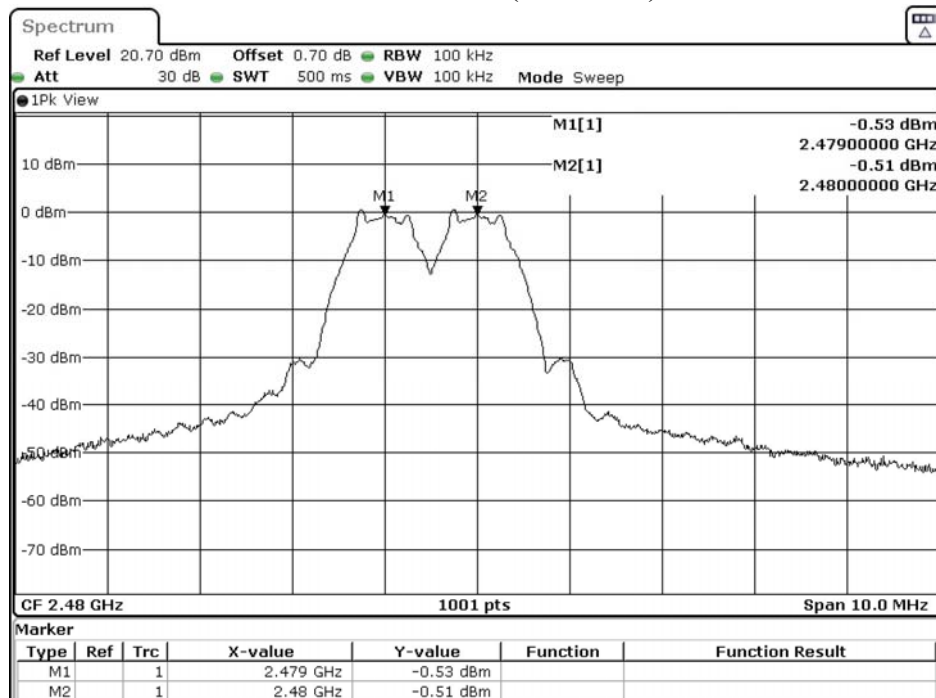
Date: 26.MAY.2020 23:36:45

## Channel 39 (2441MHz)



Date: 26.MAY.2020 23:50:50

## Channel 78 (2480MHz)



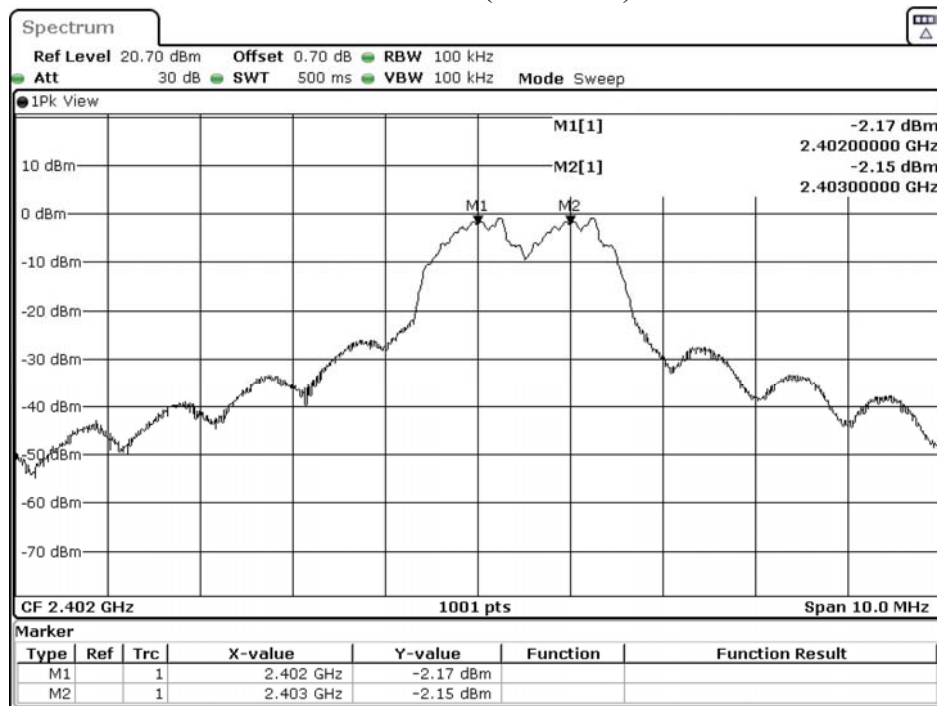
Date: 26.MAY.2020 23:56:29

Product : 3-Axis Handheld Stabilizer  
 Test Item : Channel Separation  
 Test Mode : Mode 2: Transmit - 3Mbps  
 Test Date : 2020/05/27

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1000	>25 kHz	836.0	Pass
39	2441	1000	>25 kHz	838.0	Pass
78	2480	1000	>25 kHz	836.0	Pass

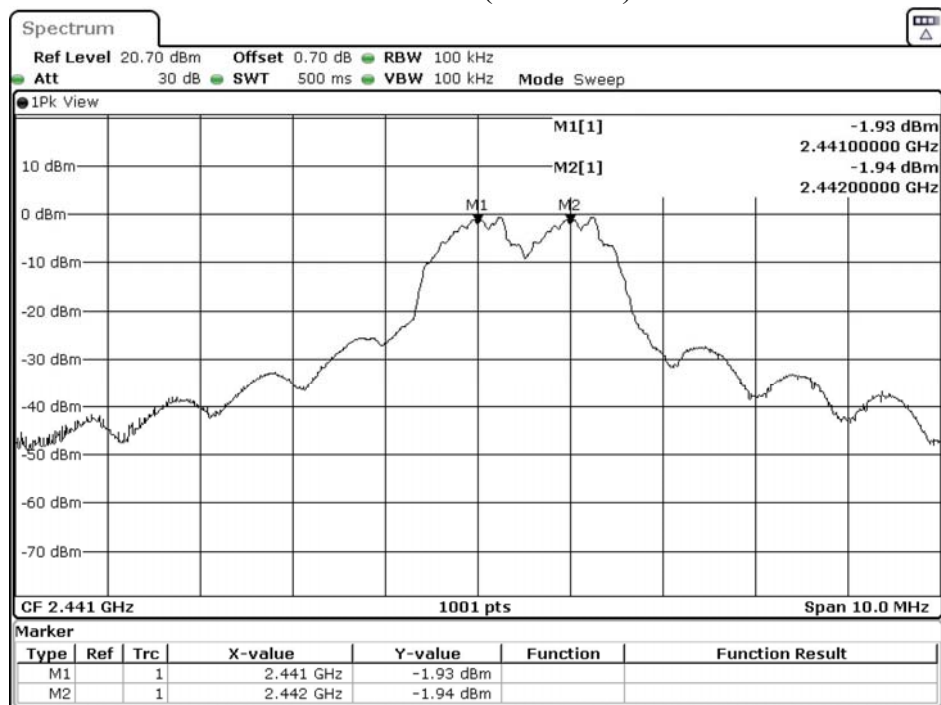
NOTE: The 20dB Bandwidth is refer to section 10.

Channel 00 (2402MHz)



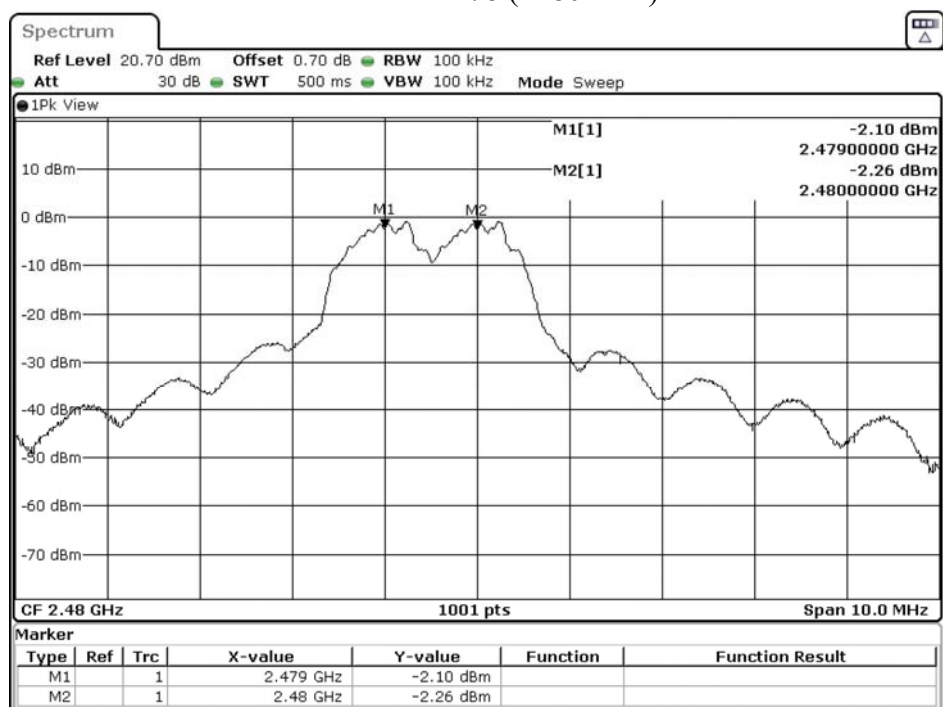
Date: 27.MAY.2020 00:13:32

## Channel 39 (2441MHz)



Date: 27.MAY.2020 00:27:29

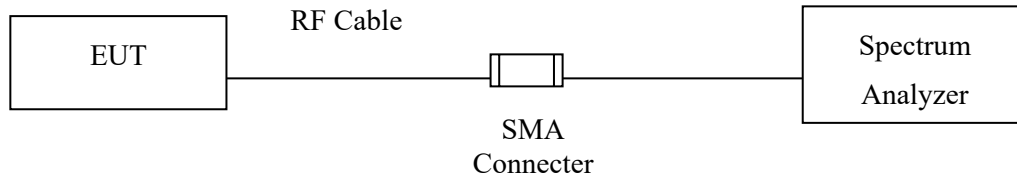
## Channel 78 (2480MHz)



Date: 27.MAY.2020 00:36:10

## 9. Dwell Time

### 9.1. Test Setup



### 9.2. Limit

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.

### 9.3. Test Procedure

Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.



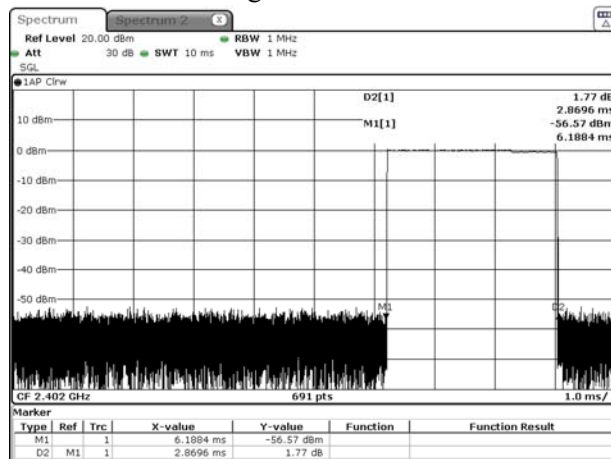
#### 9.4. Test Result of Dwell Time

Product : 3-Axis Handheld Stabilizer  
 Test Item : Dwell Time  
 Test Mode : Mode 1: Transmit - 1Mbps (Channel 00,39,78)  
 Test Date : 2020/05/27

Frequency (MHz)	Time slot length (ms)	Hopping of Number	Sweep time (ms)	Dwell Time (ms)	Limit (ms)	Result
2402	2.869	97	31600	278.293	400	Pass
2441	2.869	27	31600	77.463	400	Pass
2480	2.869	45	31600	129.105	400	Pass

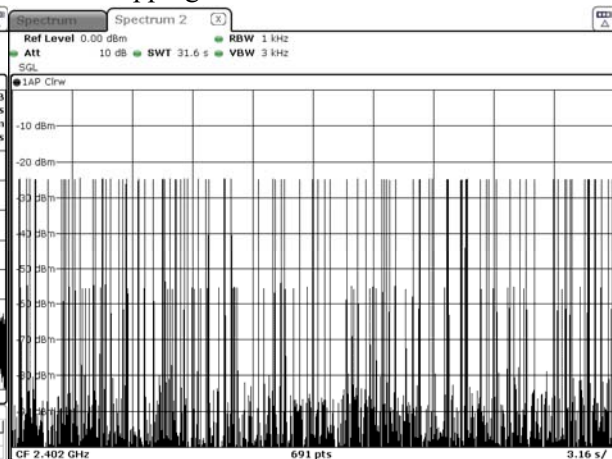
Dwell time = Time slot length(ms)\*Hopping of Number

CH 00 Time slot length



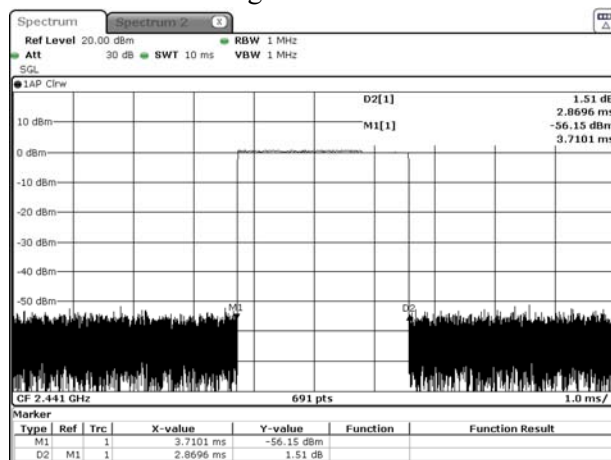
Date: 27 MAY 2020 01:17:08

CH 00 Hopping of Number



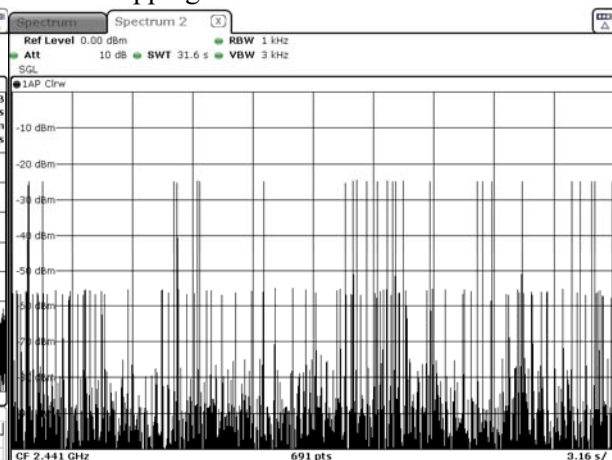
Date: 27 MAY 2020 01:22:41

CH 39 Time slot length



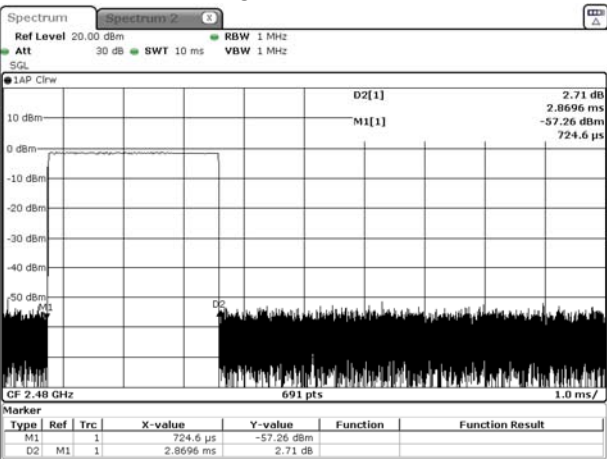
Date: 27 MAY 2020 01:25:39

CH 39 Hopping of Number



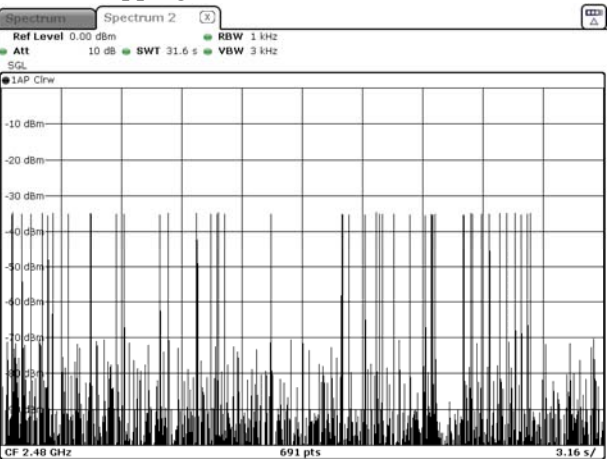
Date: 27 MAY 2020 01:26:48

CH 78 Time slot length



Date: 27 MAY 2020 15:28:21

CH 78 Hopping of Number



Date: 27 MAY 2020 15:31:44

Note:

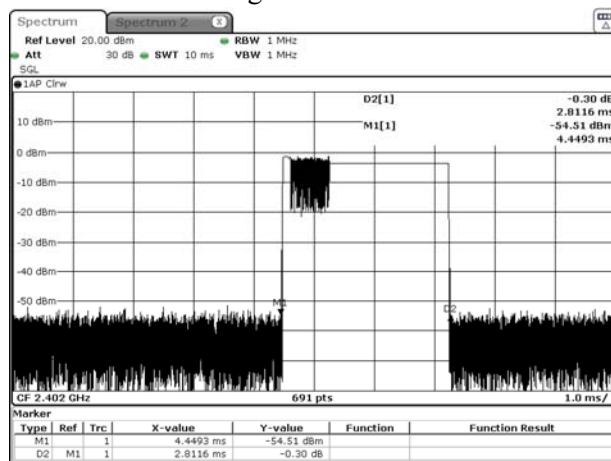
The dwell times of the packet type of DH1, DH3, and DH5 are tested. Only the worst case is shown on the report.

Product : 3-Axis Handheld Stabilizer  
 Test Item : Dwell Time  
 Test Mode : Mode 2: Transmit - 3Mbps (Channel 00,39,78)  
 Test Date : 2020/05/27

Frequency (MHz)	Time slot length (ms)	Hopping of Number	Sweep time (ms)	Dwell Time (ms)	Limit (ms)	Result
2402	2.811	99	31600	278.289	400	Pass
2441	2.797	39	31600	109.083	400	Pass
2480	2.797	38	31600	106.286	400	Pass

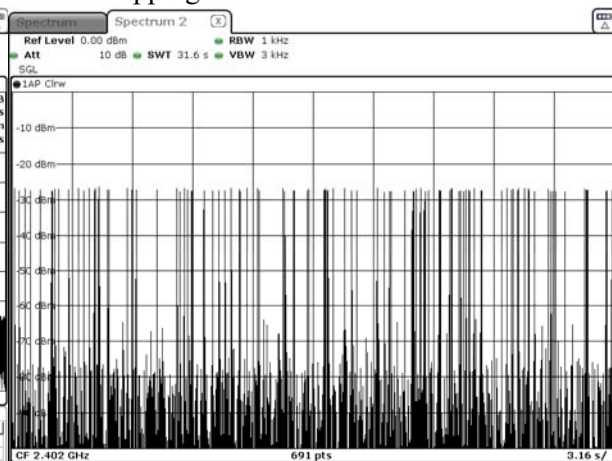
Dwell time = Time slot length(ms)\*Hopping of Number

CH 00 Time slot length



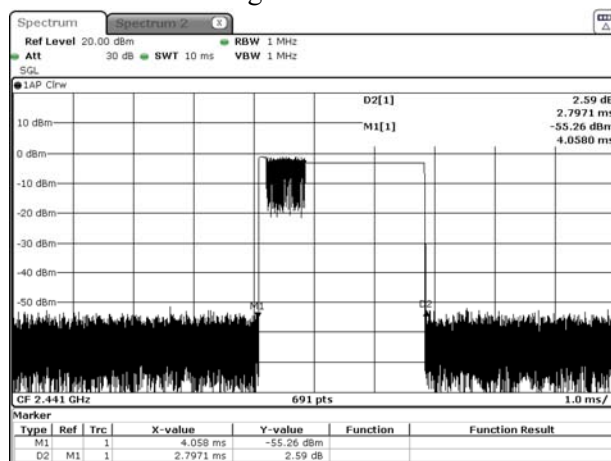
Date: 27 MAY 2020 15:35:04

CH 00 Hopping of Number



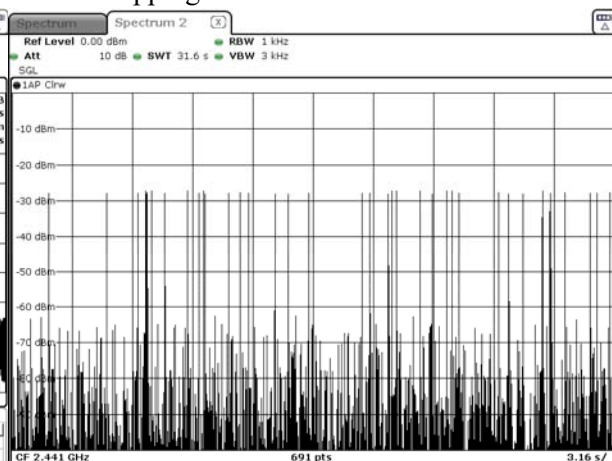
Date: 27 MAY 2020 15:37:22

CH 39 Time slot length



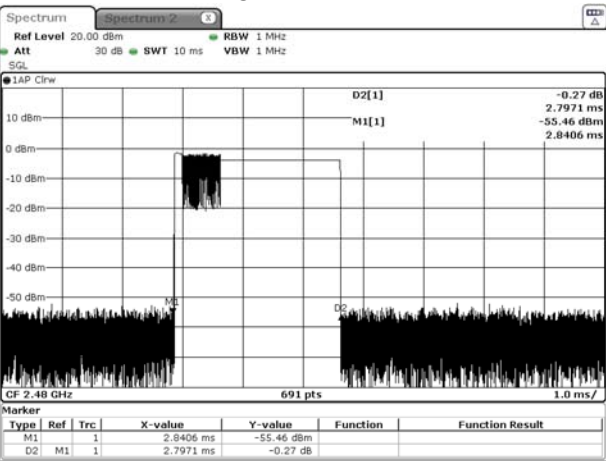
Date: 27 MAY 2020 15:41:34

CH 39 Hopping of Number



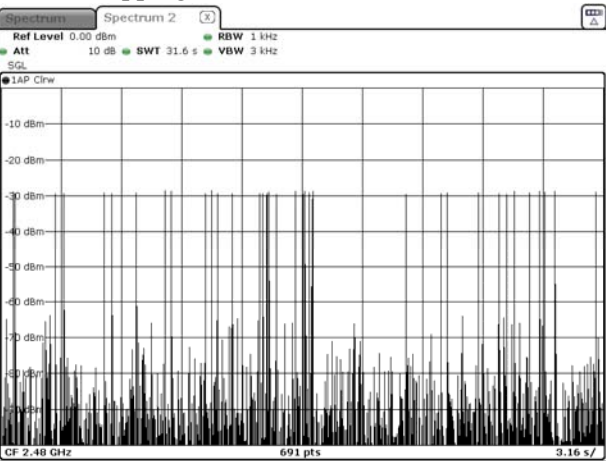
Date: 27 MAY 2020 15:43:43

CH 78 Time slot length



Date: 27 MAY 2020 15:48:23

CH 78 Hopping of Number



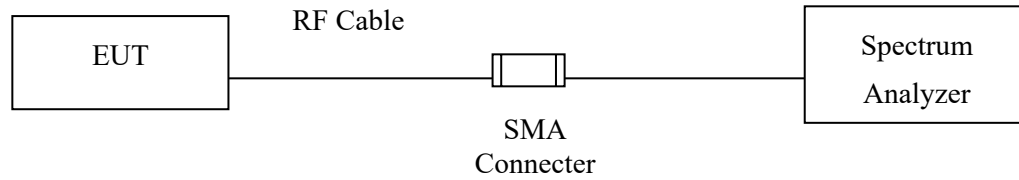
Date: 27 MAY 2020 15:50:24

Note:

The dwell times of the packet type of DH1, DH3, and DH5 are tested. Only the worst case is shown on the report.

## 10. Occupied Bandwidth

### 10.1. Test Setup



### 10.2. Limits

N/A

### 10.3. Test Procedure

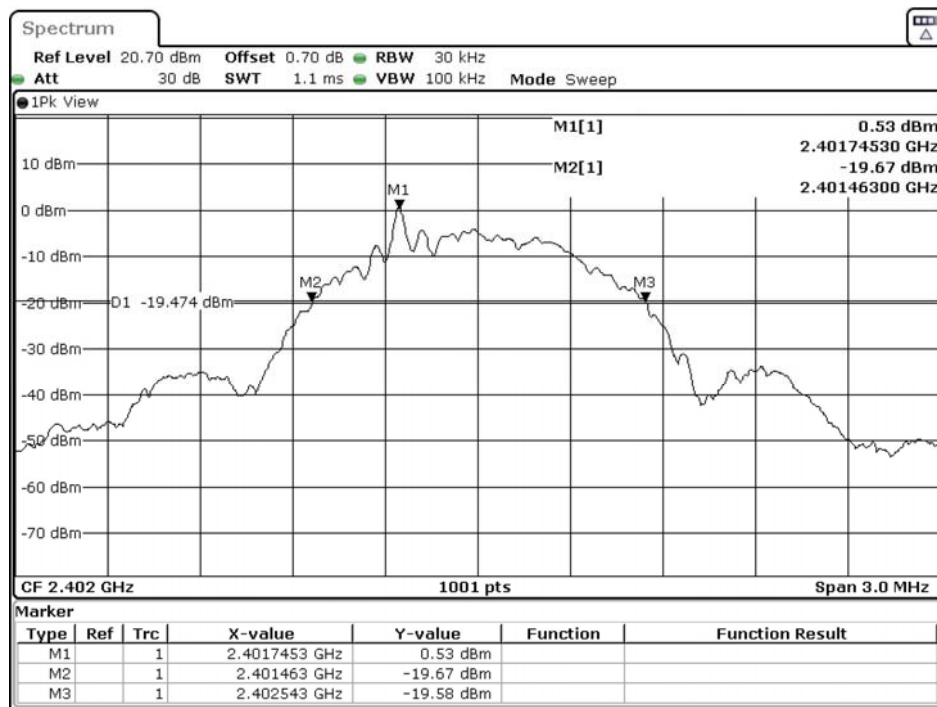
Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

#### 10.4. Test Result of Occupied Bandwidth

Product : 3-Axis Handheld Stabilizer  
 Test Item : Occupied Bandwidth Data  
 Test Mode : Mode 1: Transmit - 1Mbps  
 Test Date : 2020/05/26

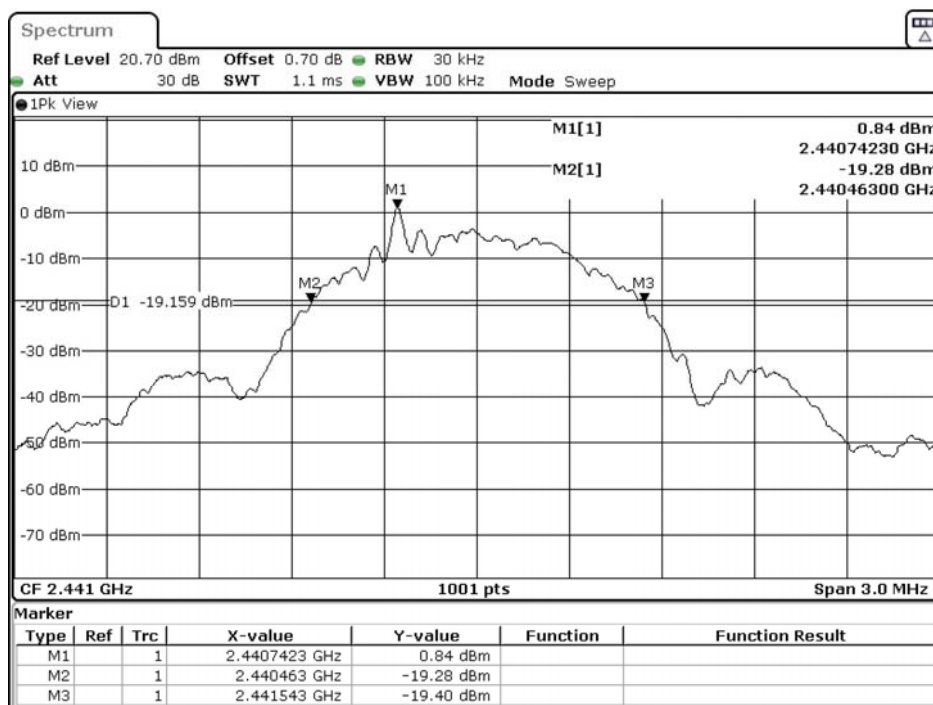
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	1080	--	NA
39	2441	1080	--	NA
78	2480	1080	--	NA

Figure Channel 00:



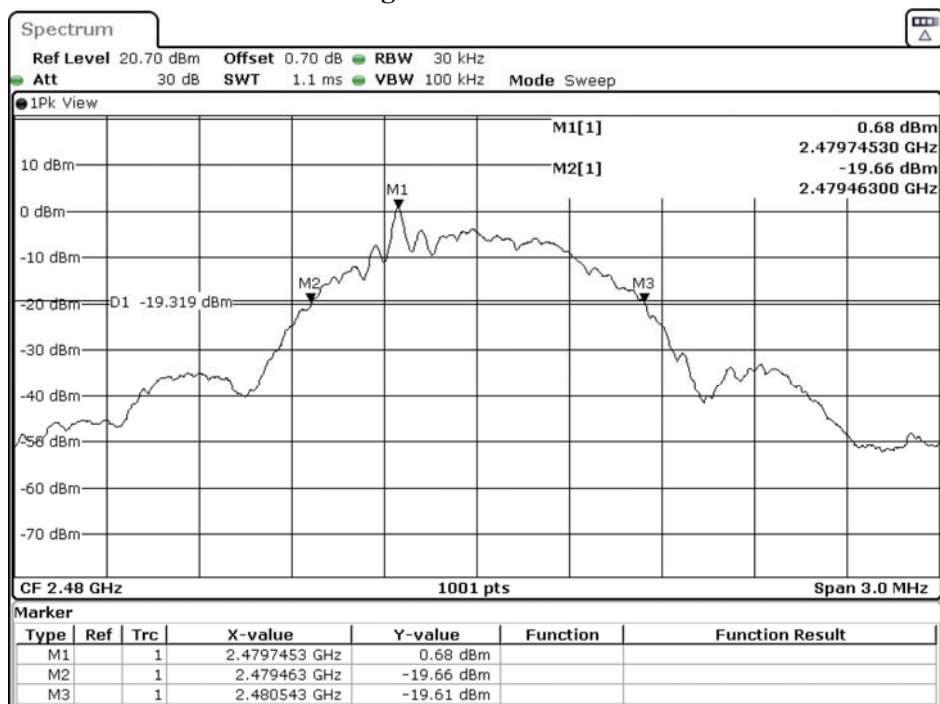
Date: 26.MAY.2020 23:45:38

Figure Channel 39:



Date: 26.MAY.2020 23:53:49

Figure Channel 78:

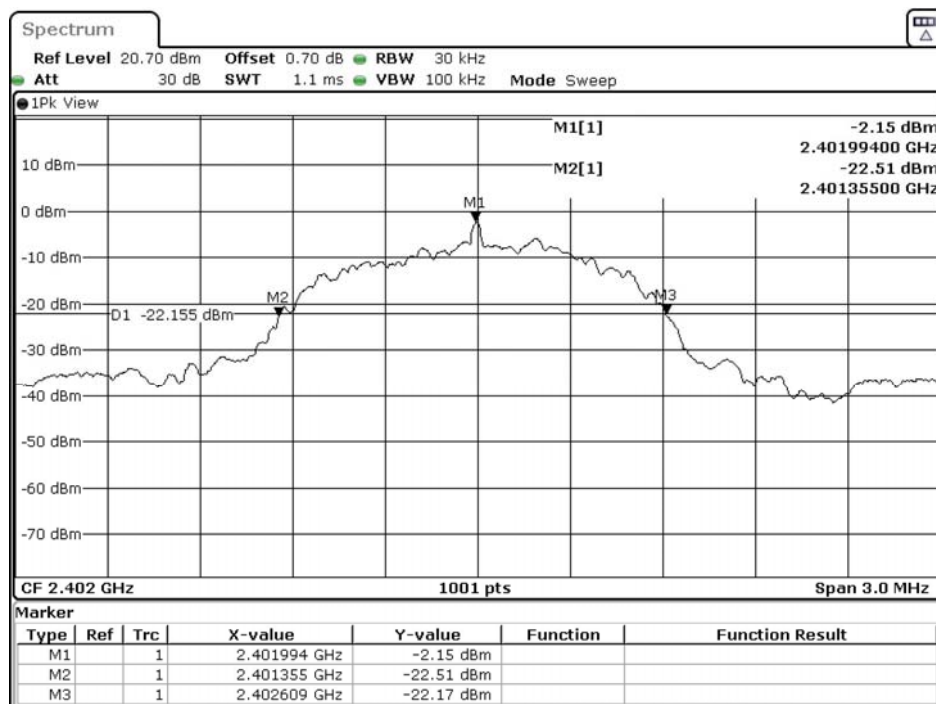


Date: 27.MAY.2020 00:10:11

Product : 3-Axis Handheld Stabilizer  
 Test Item : Occupied Bandwidth Data  
 Test Mode : Mode 2: Transmit - 3Mbps (2402MHz)  
 Test Date : 2020/05/27

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	1254	--	NA
39	2441	1257	--	NA
78	2480	1254	--	NA

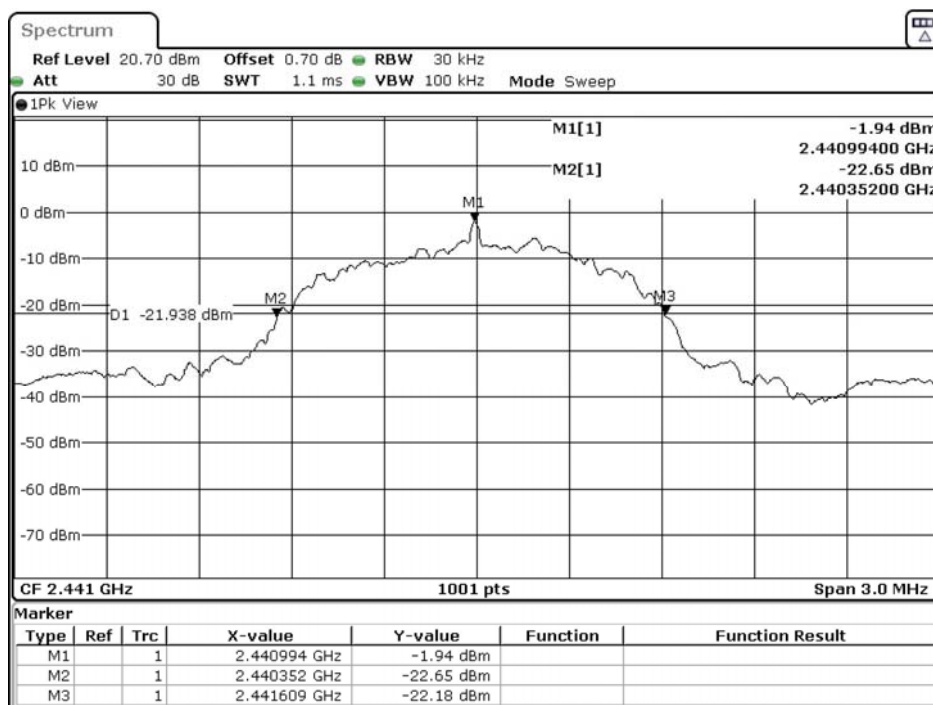
Figure Channel 00:



Date: 27.MAY.2020 00:21:14

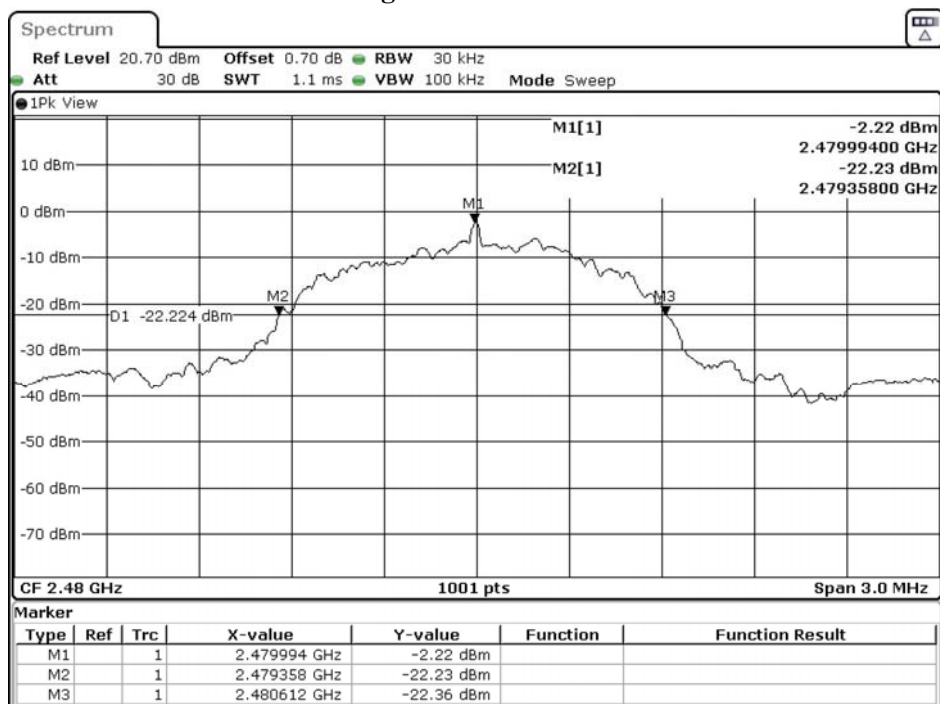


Figure Channel 39:



Date: 27.MAY.2020 00:30:30

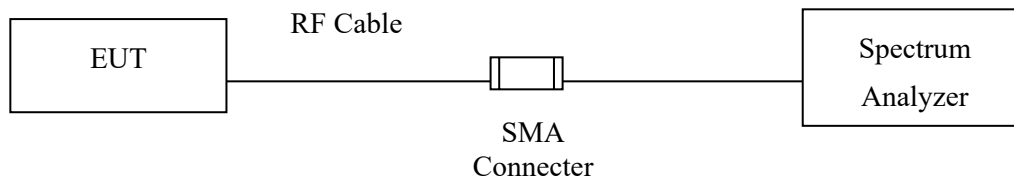
Figure Channel 78:



Date: 27.MAY.2020 01:07:28

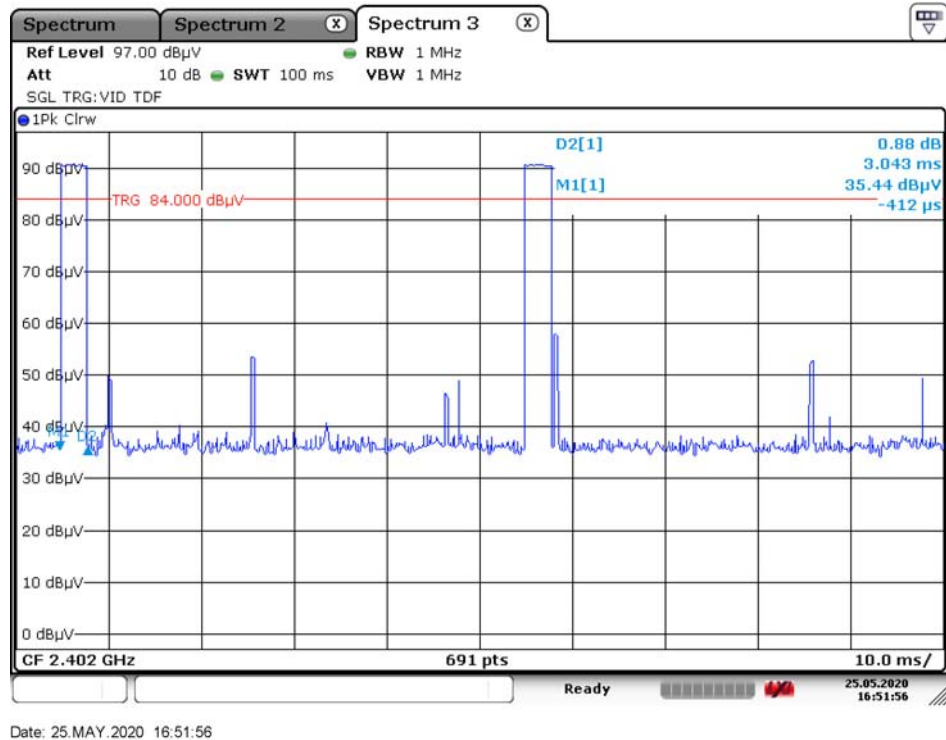
## 11. Duty Cycle

### 11.1. Test Setup



## 11.2. Test Result of Duty Cycle

Product : 3-Axis Handheld Stabilizer  
 Test Item : Duty Cycle Data  
 Test Mode : Mode 1: Transmit - 1Mbps



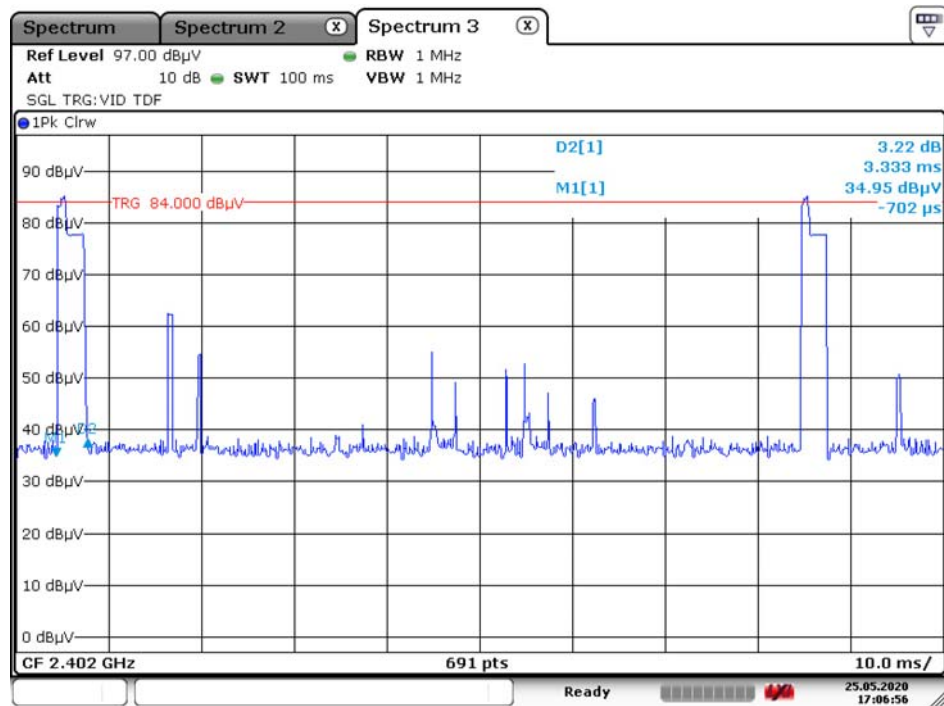
Time on of 100ms= 6.086ms

Duty Cycle=6.086ms / 100ms= 0.06086

Duty Cycle correction factor= 20 LOG 0.06086= -24.313 dB

Duty Cycle correction factor	-24.313	dB
------------------------------	---------	----

Product : 3-Axis Handheld Stabilizer  
 Test Item : Duty Cycle Data  
 Test Mode : Mode 2: Transmit - 3Mbps



Date: 25.MAY.2020 17:06:56

Time on of 100ms= 6.666ms

Duty Cycle=6.666ms / 100ms= 0.06666

Duty Cycle correction factor= 20 LOG 0.06666= -23.523 dB

Duty Cycle correction factor	-23.523	dB
------------------------------	---------	----

## **12. EMI Reduction Method During Compliance Testing**

No modification was made during testing.