

FCC Radio Test Report

FCC ID: 2AUFZ-ZD6-1

Report No. : TB-FCC168646
Applicant : Shantou Fulaiying Toy Technology Co.,Ltd
Equipment Under Test (EUT)
EUT Name : Remote Control For Unmanned Aerial Vehicle
Model No. : FLY-X5
Serial Model No. : See page 4
Brand Name : Fulaiying
Receipt Date : 2019-08-27
Test Date : 2019-08-28 to 2019-09-05
Issue Date : 2019-09-06
Standards : FCC Part 15, Subpart C:(15.249)
Test Method : ANSI C63.10: 2013
Conclusions : **PASS**

In the configuration tested, the EUT complied with the standards specified above,
The EUT technically complies with the FCC requirements

Test/Witness Engineer :

Jack

Jack Deng

Engineer Supervisor :

WAN SU

Ivan Su

Engineer Manager :

Ray Lai

Ray Lai



This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

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1. General Information about EUT

1.1 Client Information

Applicant	:	Shantou Fulaiying Toy Technology Co.,Ltd
Address	:	No.4, lane 1, Ronan Road, Toufen Village, Fengxiang Street, Chenghai District, Shantou City, Guangdong Province, China
Manufacturer	:	Shantou Fulaiying Toy Technology Co.,Ltd
Address	:	No.4, lane 1, Ronan Road, Toufen Village, Fengxiang Street, Chenghai District, Shantou City, Guangdong Province, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	Remote Control For Unmanned Aerial Vehicle	
Models No.	:	FLY-X5, X54, X6HD, ZD6, ZD5, ZD6-GPS, ZD8, ZD8-GPS, ZD9, X10MINI, GD-65A	
Model Difference	:	All these models are the same PCB, layout and electrical circuit, the only difference is change appearance, including in size and color	
Product Description	:	Operation Frequency: 2405~2477 MHz	
		Number of Channels:	9 Channels _(See Note 2)
		Out Power:	90.34 dBuV/m@3m Peak 87.39 dBuV/m@3m Avg
		Antenna Gain:	2 dBi FPC Antenna
		Modulation Type:	GFSK
Power Supply	:	DC power by AA battery.	
Power Rating	:	DC 4*1.5V by AA Battery	
Connecting I/O Port(S)	:	Please refer to the User's Manual	

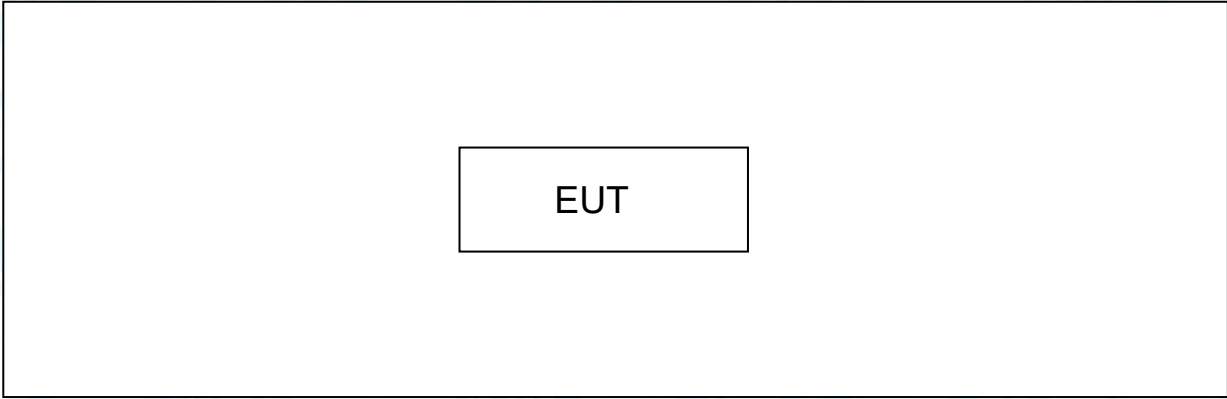
Note:

- (1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- (2) Channel List:

Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2405	04	2432	07	2459
02	2414	05	2441	08	2468
03	2423	06	2450	09	2477

1.3 Block Diagram Showing the Configuration of System Tested

TX Mode



1.4 Description of Support Units

The EUT has been test as an independent unit.

1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

For Conducted Test	
Final Test Mode	Description
Mode 1	N/A

For Radiated Test	
Final Test Mode	Description
Mode 2	TX Mode(CH01/CH05/CH09)

Note:

For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

(1)According to ANSI C63.10 standards, the measurements are performed at the highest, middle, lowest available channels.

(2)During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.

- (3) The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis, X-plane, Y-plane and Z-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

1.6 Description of Test Software Setting

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

Product SW/HW Version :	N/A		
Radio SW/HW Version:	N/A		
Test Software Version	N/A		
Frequency	2405 MHz	2441MHz	2477 MHz
GFSK	DEF	DEF	DEF

1.7 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U_{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz	± 3.42 dB
	150kHz to 30MHz	± 3.42 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	± 4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	± 4.40 dB
Radiated Emission	Level Accuracy: Above 1000MHz	± 4.20 dB

1.8 Test Facility

The testing was performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at:1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China.

At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01. FCC Accredited Test Site Number: 854351.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.

2. Test Summary

FCC Part 15 Subpart C(15.249)			
Standard Section	Test Item	Judgment	Remark
15.203	Antenna Requirement	PASS	N/A
15.205	Restricted Bands	PASS	N/A
15.207	AC Power Conducted Emission	N/A	Note(1)
15.249 &15.209	Radiated Spurious Emission	PASS	N/A
15.215(C)	20dB Bandwidth	PASS	N/A
<p>Note: (1)The EUT is powered by AA battery, no requirement for this test item. (2)N/A is an abbreviation for Not Applicable.</p>			

3. Test Equipment

Conducted Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 13, 2019	Jul. 12, 2020
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 13, 2019	Jul. 12, 2020
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 13, 2019	Jul. 12, 2020
LISN	Rohde & Schwarz	ENV216	101131	Jul. 13, 2019	Jul. 12, 2020
Radiation Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 13, 2019	Jul. 12, 2020
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 13, 2019	Jul. 12, 2020
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar. 03, 2019	Mar. 02, 2020
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar. 03, 2019	Mar. 02, 2020
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar. 03, 2019	Mar. 02, 2020
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar. 03, 2019	Mar. 02, 2020
Loop Antenna	Laplace instrument	RF300	0701	Mar. 03, 2019	Mar. 02, 2020
Pre-amplifier	Sonoma	310N	185903	Mar. 03, 2019	Mar. 02, 2020
Pre-amplifier	HP	8449B	3008A00849	Mar. 03, 2019	Mar. 02, 2020
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar. 03, 2019	Mar. 02, 2020
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 13, 2019	Jul. 12, 2020
Spectrum Analyzer	Rohde & Schwarz	ESCI	100010/007	Jul. 13, 2019	Jul. 12, 2020
Power Meter	Anritsu	ML2495A	25406005	Jul. 13, 2019	Jul. 12, 2020
Power Sensor	Anritsu	ML2411B	25406005	Jul. 13, 2019	Jul. 12, 2020

4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1 Test Standard

FCC Part 15.207

4.1.2 Test 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

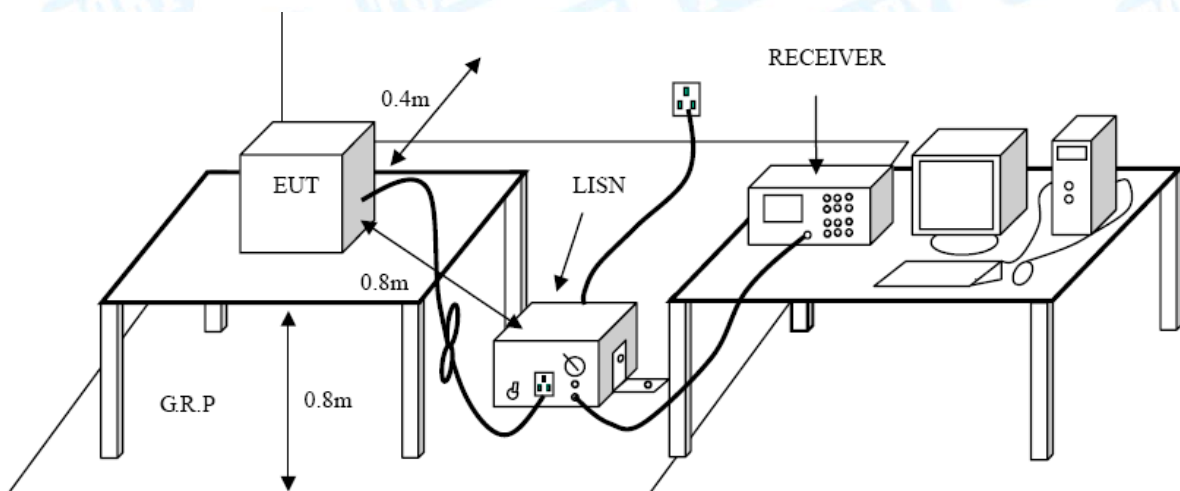
Notes:

(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.

4.2 Test Setup



4.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN is at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

4.4 EUT Operating Mode

Please refer to the description of test mode.

4.5 Test Data

The EUT is powered by AA battery, no requirement for this test item.

5. Radiated Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard
FCC Part 15.209

5.1.2 Test Limit

Radiated Emission Limit (9kHz~1000MHz)

Frequency (MHz)	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Radiated Emission Limit (Above 1000MHz)

Frequency (MHz)	Distance Meters (at 3m)	
	Peak	Average
Above 1000	74	54

Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level(dBuV/m)=20log Emission Level(Uv/m)

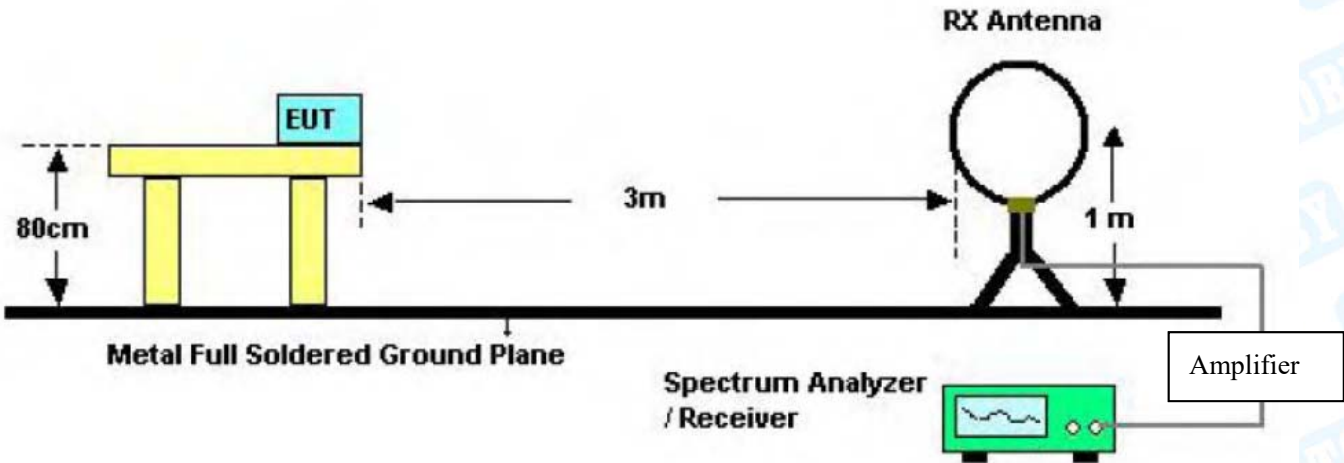
Limits of radiated emission measurement (15.249)

FCC Part 15 (15.249), Subpart C	
Limit	Frequency Range (MHz)
Field strength of fundamental 50000 μ V/m (94 dB μ V/m) @ 3 m	2400~2483.5
Field strength of fundamental 500 μ V/m (114 dB μ V/m) @ 3 m	Above 2483.5

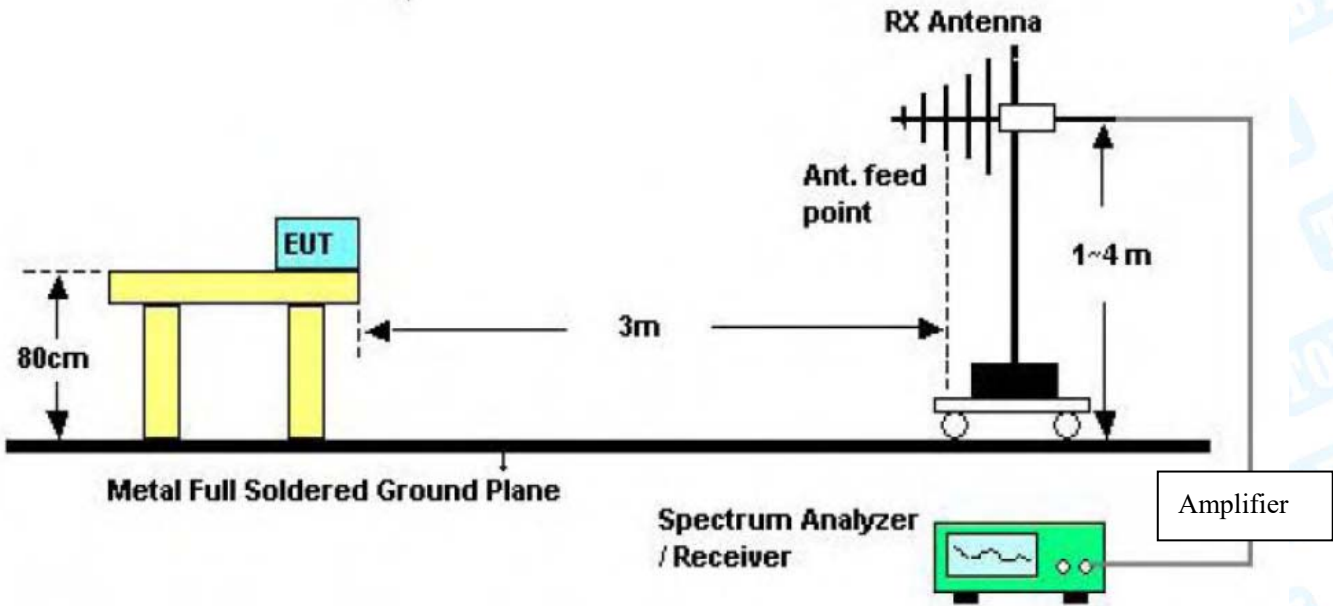
Restricted bands requirement for equipment operating in 2400MHz to 2483.5 MHz (15.249)

Restricted Frequency Band (MHz)	(dBuV/m)(at 3 M)
2310~2390	Attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in 15.209, whichever is the lesser attenuation
2483.5~2500	

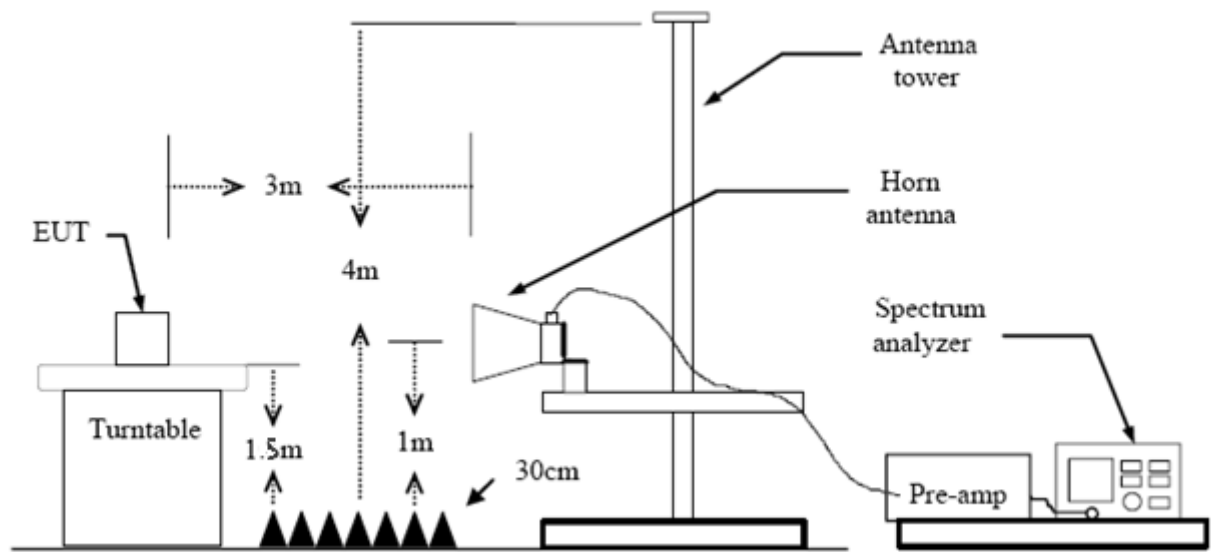
5.2 Test Setup



Bellow 30MHz Test Setup



Below 1000MHz Test Setup



Above 1GHz Test Setup

5.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

5.4 EUT Operating Condition

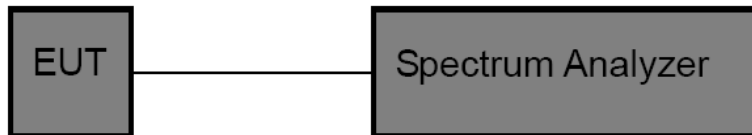
The EUT was set to Continual Transmitting in maximum power, and new batteries are used during testing.

5.5 Test Data

Please refer to the Attachment A.

6. Bandwidth Test

6.1 Test Setup



6.2 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:
Bandwidth: RBW=100 kHz, VBW=300kHz.
- (3) The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst -case (i.e the widest) bandwidth.

6.3 EUT Operating Condition

The EUT was set to continuously transmitting for the Bandwidth Test.

6.4 Test Data

Please refer to the Attachment B.

7. Antenna Requirement

7.1 Standard Requirement

7.1.1 Standard

FCC Part 15.203

7.1.2 Requirement

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 shall be considered sufficient to comply with the provisions of this Section. 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.

7.2 Antenna Connected Construction

The directional gains of the antenna used for transmitting is 2 dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

7.3 Result

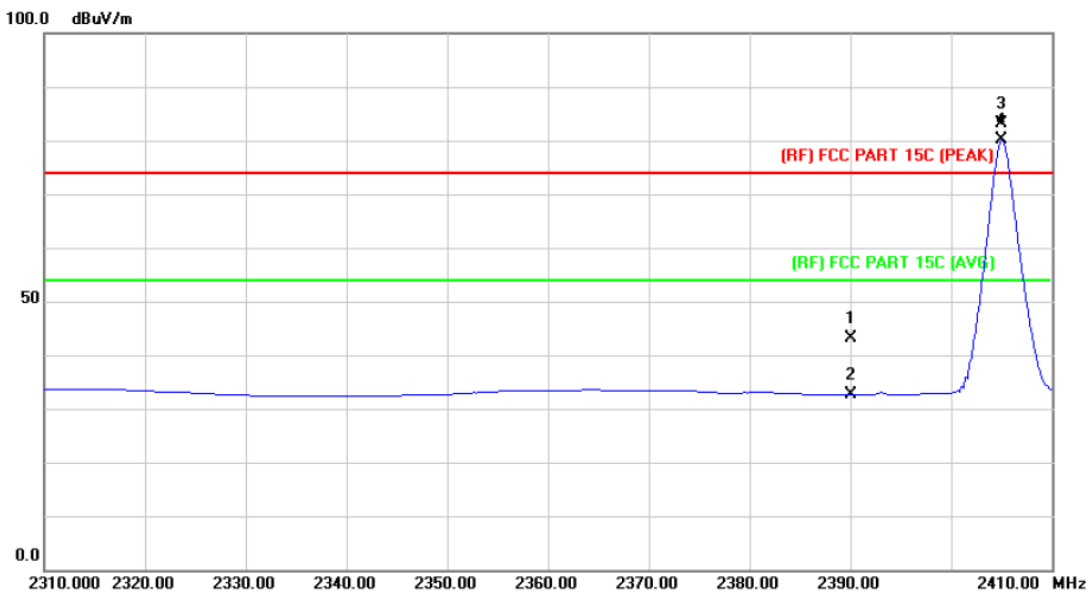
The EUT antenna is a Integral Antenna. It complies with the standard requirement.

Antenna Type
<input checked="" type="checkbox"/> Permanent attached antenna
<input type="checkbox"/> Unique connector antenna
<input type="checkbox"/> Professional installation antenna

Attachment A-- Radiated Emission Test Data

Field Strength of the Fundamental

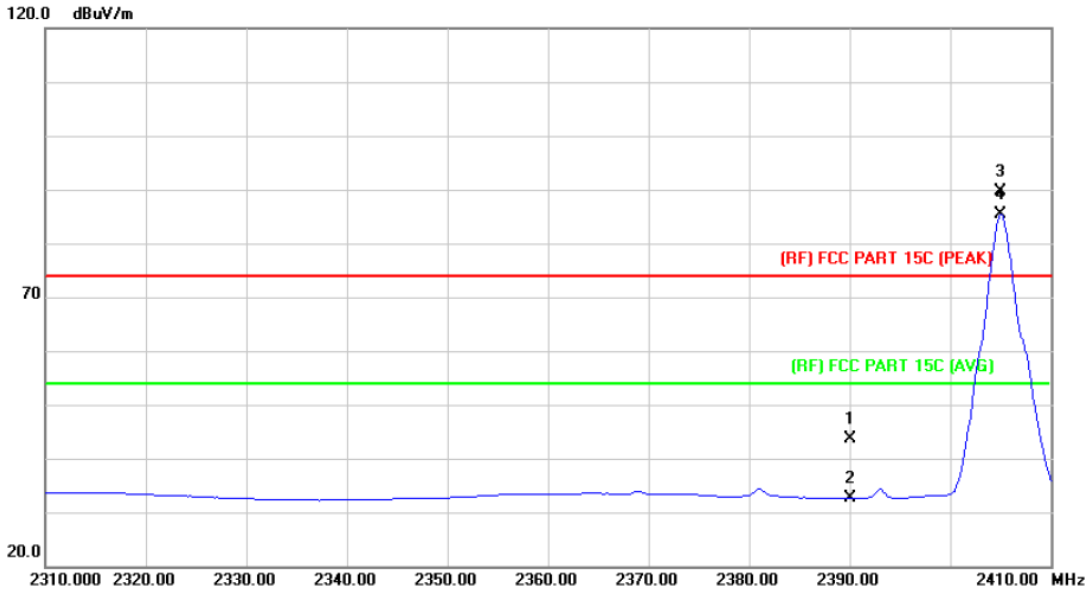
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Horizontal		
Test Mode:	TX 2405MHz		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		2390.000	40.13	2.91	43.04	74.00	-30.96	peak
2		2390.000	29.78	2.91	32.69	54.00	-21.31	AVG
3	X	2405.000	80.14	2.96	83.10	114.00	-30.90	peak
4	*	2405.000	77.13	2.96	80.09	94.00	-13.91	AVG

Emission Level= Read Level+ Correct Factor

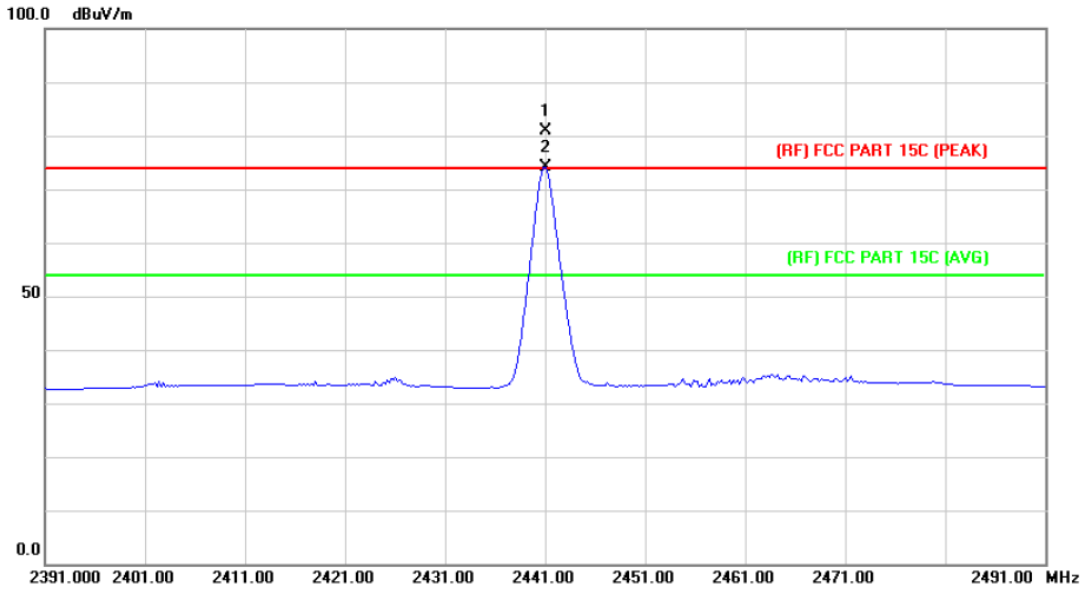
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Vertical		
Test Mode:	TX 2405MHz		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector
1		2390.000	40.79	2.91	43.70	74.00	-30.30	peak
2		2390.000	29.79	2.91	32.70	54.00	-21.30	AVG
3	X	2405.000	86.70	2.96	89.66	114.00	-24.34	peak
4	*	2405.000	82.45	2.96	85.41	94.00	-8.59	AVG

Emission Level= Read Level+ Correct Factor

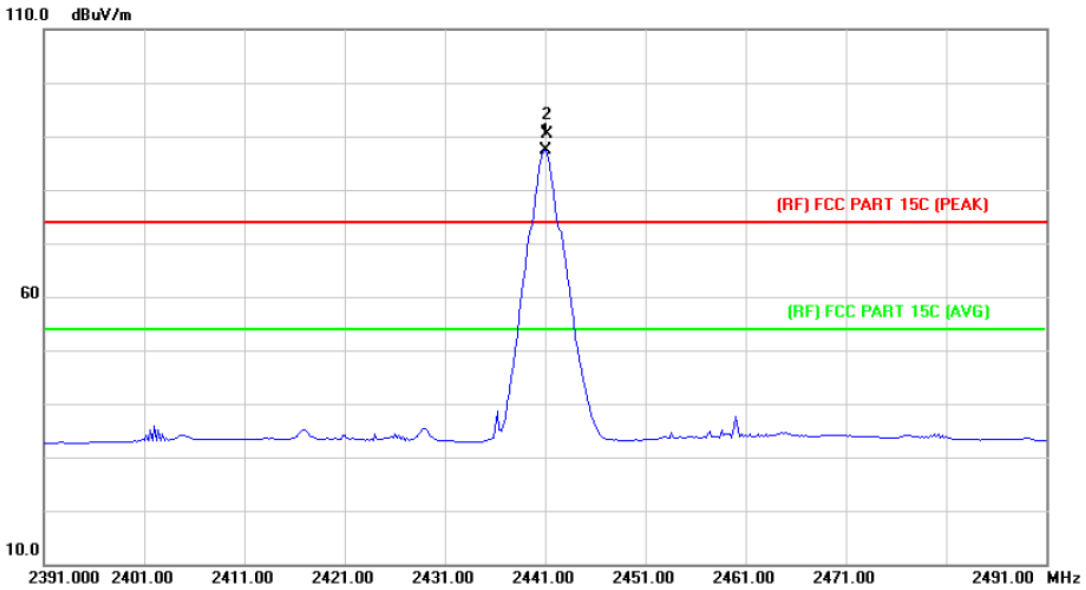
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Horizontal		
Test Mode:	TX 2441MHz		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	2441.000	77.82	3.16	80.98	114.00	-33.02	peak
2	*	2441.000	71.00	3.16	74.16	94.00	-19.84	AVG

Emission Level= Read Level+ Correct Factor

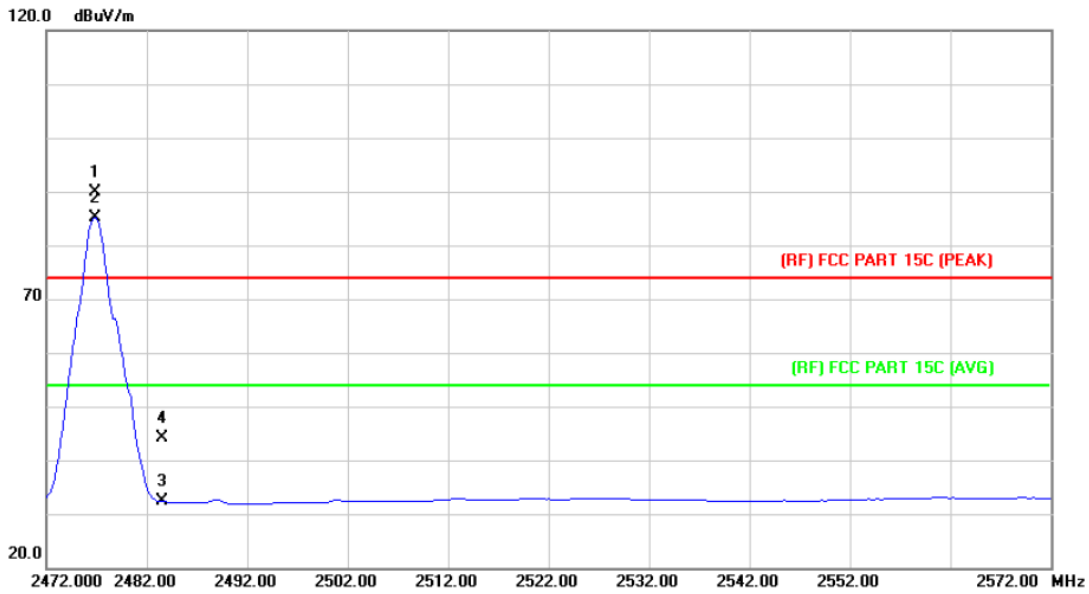
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Vertical		
Test Mode:	TX 2441MHz		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	X	2441.000	84.23	3.16	87.39	94.00	-6.61	AVG
2	*	2441.200	87.17	3.17	90.34	114.00	-23.66	peak

Emission Level= Read Level+ Correct Factor

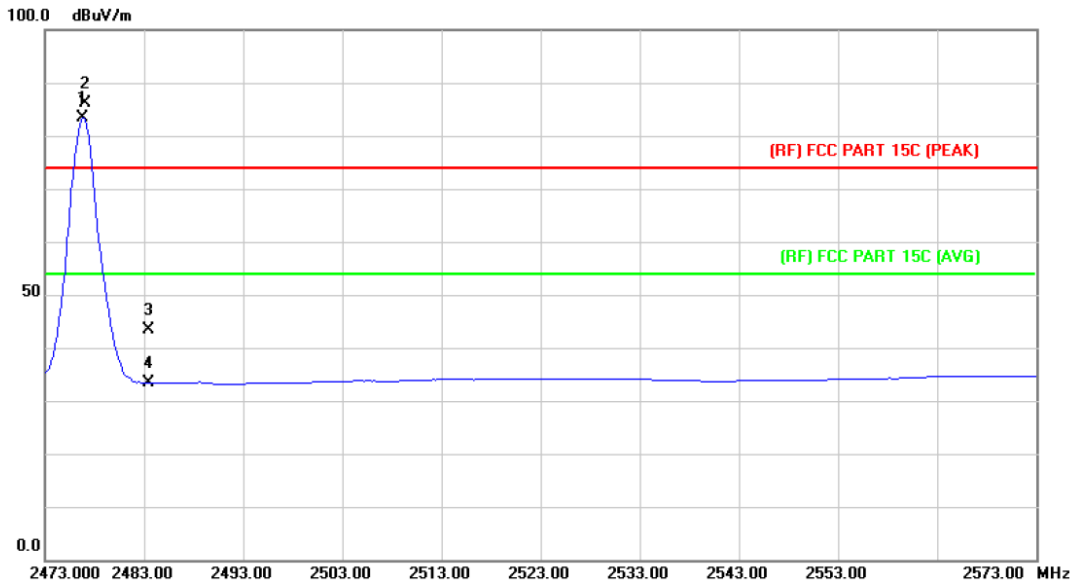
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Horizontal		
Test Mode:	TX 2477MHz		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	2476.800	86.45	3.36	89.81	114.00	-24.19	peak
2	X	2476.800	81.73	3.36	85.09	94.00	-8.91	AVG
3		2483.500	28.88	3.40	32.28	54.00	-21.72	AVG
4		2483.500	40.69	3.40	44.09	74.00	-29.91	peak

Emission Level= Read Level+ Correct Factor

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Vertical		
Test Mode:	TX 2477MHz		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	2476.800	80.13	3.36	83.49	94.00	-10.51	AVG
2	X	2477.000	82.89	3.36	86.25	114.00	-27.75	peak
3		2483.500	39.95	3.40	43.35	74.00	-30.65	peak
4		2483.500	30.00	3.40	33.40	54.00	-20.60	AVG

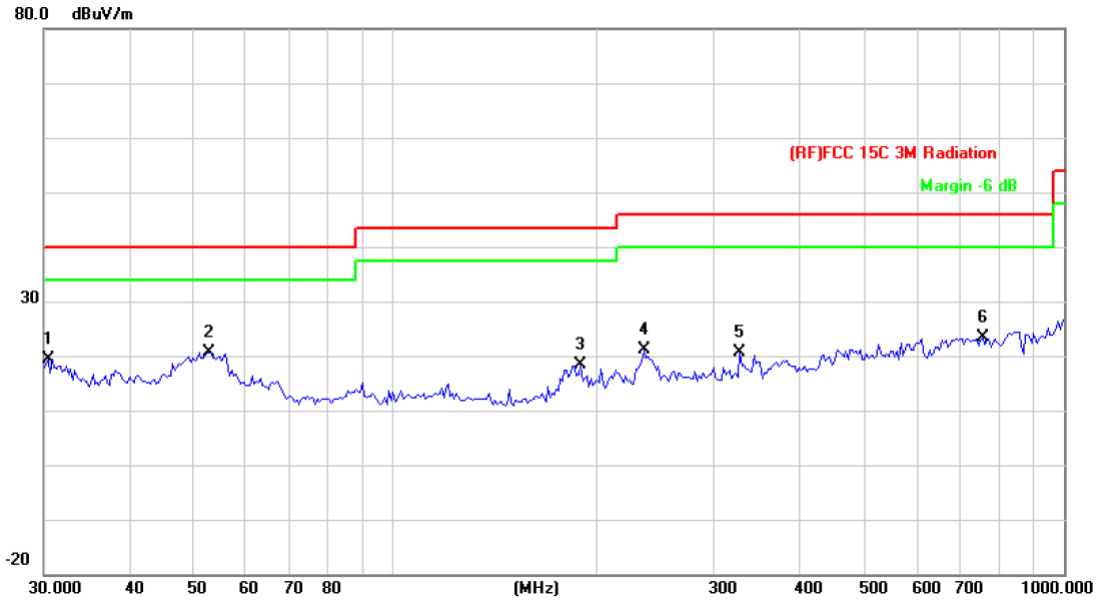
Emission Level= Read Level+ Correct Factor

Radiated Spurious Emission (9 KHz~30 MHz)

From 9 KHz to 30 MHz: Conclusion: PASS
Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Radiated Spurious Emission (Below 1 GHz)

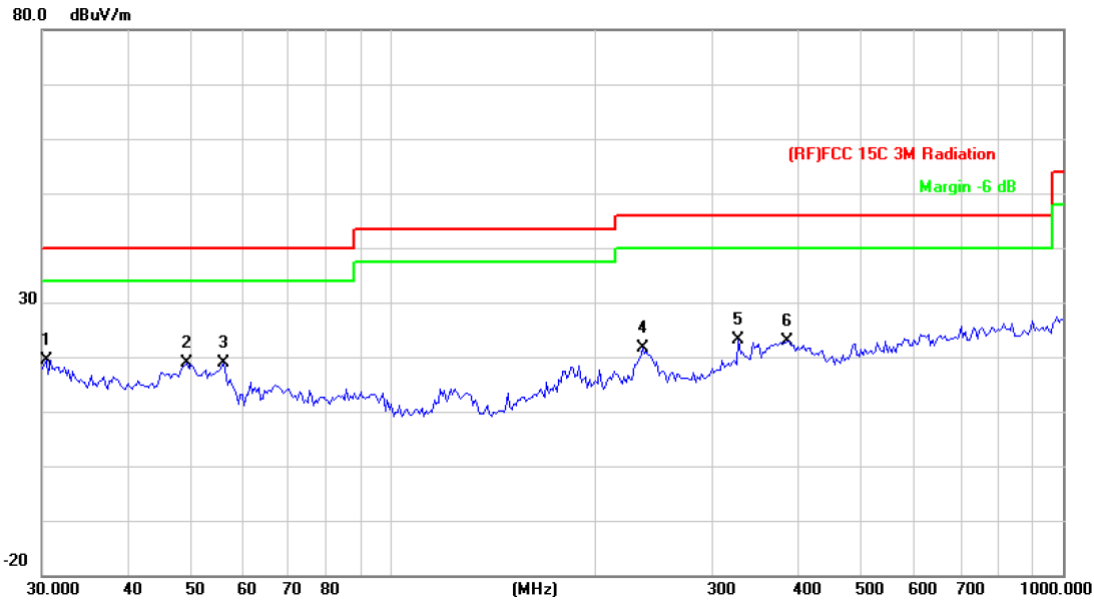
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Horizontal		
Test Mode:	TX 2405MHz		
Remark:	Only worse case is reported		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		30.4237	32.64	-13.32	19.32	40.00	-20.68	QP
2	*	52.9453	44.41	-23.67	20.74	40.00	-19.26	QP
3		189.7384	38.10	-19.78	18.32	43.50	-25.18	QP
4		235.8163	38.97	-17.86	21.11	46.00	-24.89	QP
5		327.8872	35.81	-15.10	20.71	46.00	-25.29	QP
6		755.3872	29.65	-6.31	23.34	46.00	-22.66	QP

Emission Level= Read Level+ Correct Factor

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Vertical		
Test Mode:	TX 2405MHz		
Remark:	Only worse case is reported		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	30.4237	32.64	-13.32	19.32	40.00	-20.68	QP
2		49.3594	42.06	-23.13	18.93	40.00	-21.07	QP
3		56.0007	42.94	-24.01	18.93	40.00	-21.07	QP
4		235.8163	39.47	-17.86	21.61	46.00	-24.39	QP
5		327.8872	38.31	-15.10	23.21	46.00	-22.79	QP
6		387.9920	35.57	-12.65	22.92	46.00	-23.08	QP

Emission Level= Read Level+ Correct Factor

Radiated Spurious Emission (Above 1 GHz)

Temperature:	25 °C		Relative Humidity:	55%			
Test Voltage:	DC 6V						
Ant. Pol.	Horizontal						
Test Mode:	TX 2405MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		4808.884	41.68	15.59	57.27	74.00	-16.73 peak
2	*	4809.310	28.08	15.59	43.67	54.00	-10.33 AVG
Emission Level= Read Level+ Correct Factor							

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Vertical		
Test Mode:	TX 2405MHz		
Remark:	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4808.902	42.50	15.59	58.09	74.00	-15.91	peak
2	*	4808.902	28.05	15.59	43.64	54.00	-10.36	AVG

Emission Level= Read Level+ Correct Factor

Temperature:	25 °C	Relative Humidity:	55%																																				
Test Voltage:	DC 6V																																						
Ant. Pol.	Horizontal																																						
Test Mode:	TX 2441MHz																																						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																																						
<table border="1"> <thead> <tr> <th>No.</th> <th>Mk.</th> <th>Freq.</th> <th>Reading Level</th> <th>Correct Factor</th> <th>Measurement</th> <th>Limit</th> <th>Over</th> <th></th> </tr> <tr> <th></th> <th></th> <th>MHz</th> <th>dBuV</th> <th>dB/m</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>Detector</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>4882.678</td> <td>41.80</td> <td>15.92</td> <td>57.72</td> <td>74.00</td> <td>-16.28</td> <td>peak</td> </tr> <tr> <td>2</td> <td>*</td> <td>4882.678</td> <td>28.27</td> <td>15.92</td> <td>44.19</td> <td>54.00</td> <td>-9.81</td> <td>AVG</td> </tr> </tbody> </table>				No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over				MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	1		4882.678	41.80	15.92	57.72	74.00	-16.28	peak	2	*	4882.678	28.27	15.92	44.19	54.00	-9.81	AVG
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over																																
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector																															
1		4882.678	41.80	15.92	57.72	74.00	-16.28	peak																															
2	*	4882.678	28.27	15.92	44.19	54.00	-9.81	AVG																															
Emission Level= Read Level+ Correct Factor																																							

Temperature:	25 °C		Relative Humidity:	55%			
Test Voltage:	DC 6V						
Ant. Pol.	Vertical						
Test Mode:	TX 2441MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	4880.644	42.15	15.91	58.06	74.00	-15.94	peak
2	* 4883.224	28.34	15.92	44.26	54.00	-9.74	AVG
Emission Level= Read Level+ Correct Factor							

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Horizontal		
Test Mode:	TX 2477MHz		
Remark:	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		4953.814	44.97	16.23	61.20	74.00	-12.80	peak
2	*	4953.814	31.98	16.23	48.21	54.00	-5.79	AVG

Emission Level= Read Level+ Correct Factor

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 6V		
Ant. Pol.	Vertical		
Test Mode:	TX 2477MHz		
Remark:	No report for the emission which more than 20 dB below the prescribed limit.		

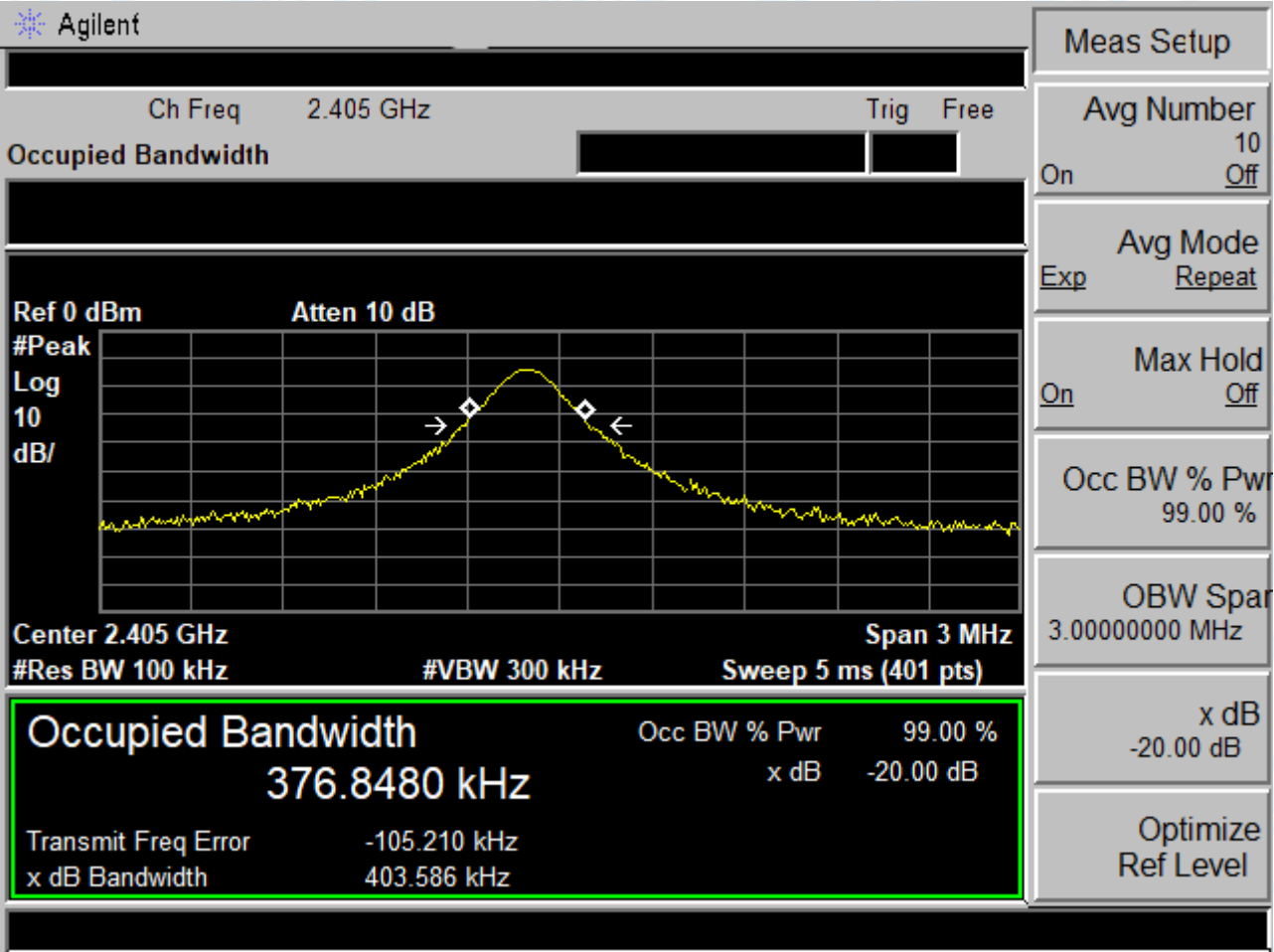
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		4953.604	45.39	16.23	61.62	74.00	-12.38	peak
2	*	4953.604	32.18	16.23	48.41	54.00	-5.59	AVG

Emission Level= Read Level+ Correct Factor

Attachment B--Bandwidth Test Data

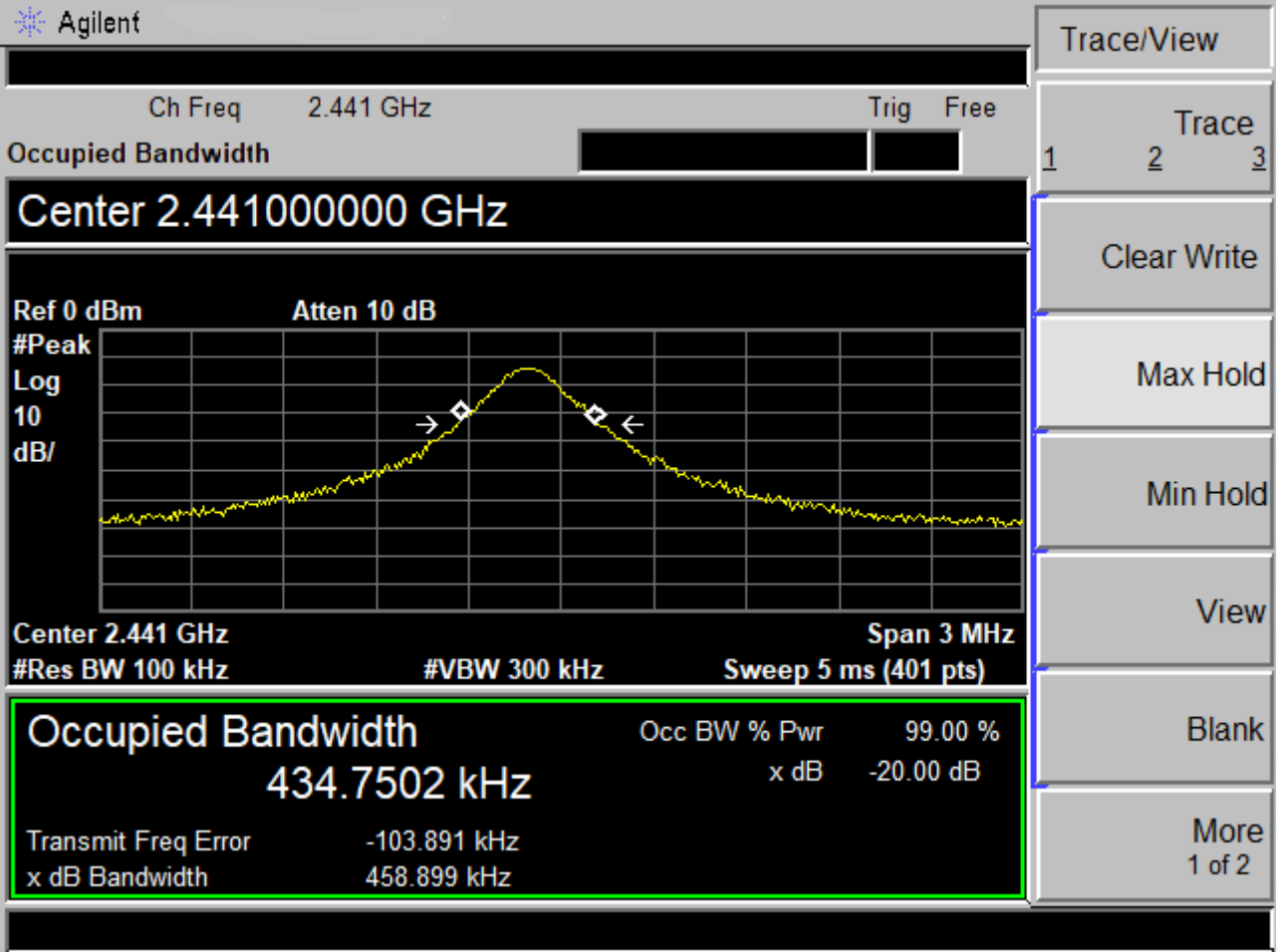
Low Channel Frequency (MHz)	20dB Bandwidth (KHz)
2405	403.586

2405 MHz



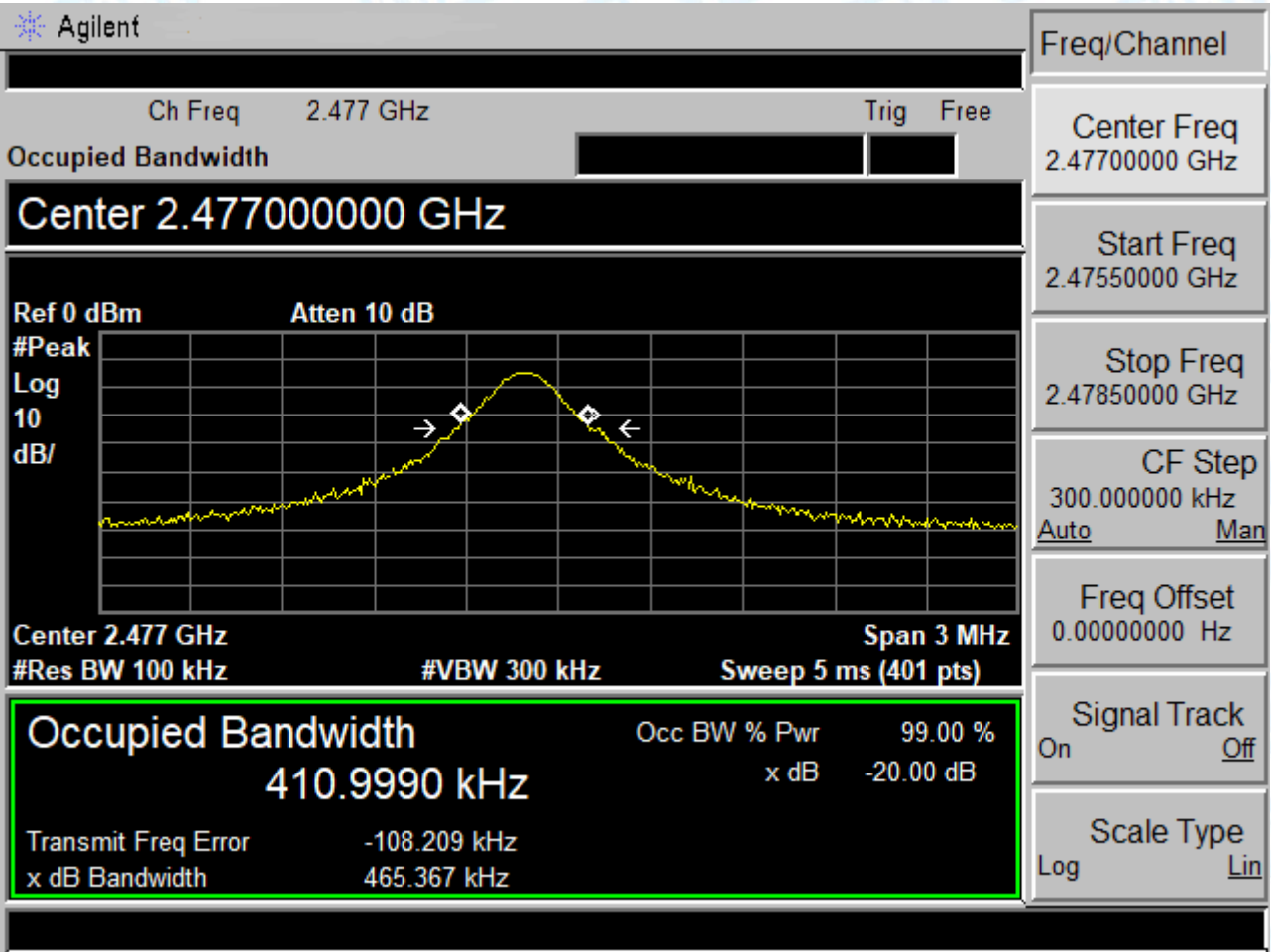
MID Channel Frequency (MHz)	20dB Bandwidth (KHz)
2441	458.899

2441 MHz



HIGH Channel Frequency (MHz)	20dB Bandwidth (KHz)
2477	465.367

2477 MHz



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