

TEST REPORT

Applicant	GUANGDONG JIANJIAN INTELLIGENT TECHNOLOGY CO., LTD.
Address	No. 244,Huancui Road,Chenghai District,Shantou,Guangdong,China

Manufacturer or Supplier	GUANGDONG JIANJIAN INTELLIGENT TECHNOLOGY CO., LTD.
Address	No. 244,Huancui Road,Chenghai District,Shantou,Guangdong,China
Product:	DRONE
Brand Name:	N/A
Model:	H36
Additional Model & Model Difference	H8MINI,H31,H36F etc. See item 3.1
Date of tests:	Dec. 17, 2020 ~ Jan. 04, 2021

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

FCC Part 15, Subpart C, Section 15.249

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Evans He Project Engineer / EMC Department	Approved by David Huang Supervisor / EMC Department
<i>Evans He</i>	<i>David Huang</i>
Date: Jan. 04, 2021	

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Test Report No.: RF2012WDG0240

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF2012WDG0240	Original release	Jan. 04, 2021

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 15, SUBPART C (SECTION 15.249)			
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT	REMARK
§15.203	Antenna Requirement	PASS	No antenna connector is used
§15.207 (a)	Conducted Emission	N/A	Powered from battery
§15.205	Restricted Band of Operation	PASS	Compliant
§15.209 §15.249(a)	Radiated Emission	PASS	Compliant
§15.215(c)	20dB Bandwidth Test	PASS	Compliant

NOTE: Test Lab Information:

Lab: Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

Test Lab Address: Zone A, Floor 1, Building 2 Wan Ye Long Technology Park
South Side of Zhoushi Road, Bao'an District Shenzhen, Guangdong, 518108,
People's Republic of China

2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Radiated emissions	9kHz~30MHz	2.16dB
	30MHz ~ 1GMHz	3.74dB
	1GHz ~ 18GHz	4.66dB
	18GHz ~ 40GHz	4.67dB

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



3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	DRONE
MODEL NO.	H36
ADDITIONAL MODELS	H8MINI,H31,H36F,H36S,H47,H48,H52,H56,H64,H65,H68,H69,H70,H71,H72,H73,H74,H78G,H83,H85,H86,H87,H88,H89,H94,H95,H96,H100,H101,H102,H103,H105,H106,H107,H108,H109,H110,H111,H112,H113,H115,H116.H117,H118,M01,M02,M03,M04,M05,M06,M07,M08,M09,M10,M11,M12,M13,M15,X3,X3P,X5,X5P,X6,X7P,X9PS,X11,X11P,X12,X15,X16,X17,X18,X19,X20,X21,X22,X23,X25,X26,X27,X28,X29,X30,JX01,JX02,JX03,JX04,JX05,JX06,JX07,JX08,E009,E130,E160,EX4,E021,T58,E016F,E016H,E010,E-H8MINI,P10,DE58,E180,FX1,T3G,H8D,H23
FCC ID	2AYMI2020JJRC1
NOMINAL VOLTAGE	Remote Control(TX): DC 3V(1.5V*AA*2) from Battery
MODULATION TECHNOLOGY	GFSK
OPERATING FREQUENCY	2446-2474MHz
ANTENNA TYPE	Single wire,0dBi Gain for Remote Control
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	N/A

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
3. Please refer to the EUT photo document (Reference No.: 2012WDG0240) for detailed product photo.
4. Additional models (see about table) are identical with the test model H36 except the the appearance and model name for trading purpose.



3.2 DESCRIPTION OF TEST MODES

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and packet type. The worst case was found when the EUT was positioned on Y axis for radiated emission. The EUT was tested under the following mode.

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE<1G	RE≥1G	PLC	BW	
A	√	√	-	√	DC 3V from Full Battery

Where **RE<1G**: Radiated Emission below 1GHz **RE≥1G**: Radiated Emission above 1GHz
PLC: Power Line Conducted Emission **BW**: 20db bandwidth

NOTE: No need to concern of Conducted Emission due to the EUT is powered by battery.

Following channel(s) was (were) selected for the test as listed below.

TESTED CHANNEL	TESTED FREQUENCY
Low	2446 MHz
Middle	2460 MHz
High	2474 MHz



Channel List

CHANNEL	FREQUENCY (GHZ)	CHANNEL	FREQUENCY (GHZ)	CHANNEL	FREQUENCY (GHZ)
1	2.446GHz	11	2.456GHz	21	2.466GHz
2	2.447GHz	12	2.457GHz	22	2.467GHz
3	2.448GHz	13	2.458GHz	23	2.468GHz
4	2.449GHz	14	2.459GHz	24	2.469GHz
5	2.450GHz	15	2.460GHz	25	2.470GHz
6	2.451GHz	16	2.461GHz	26	2.471GHz
7	2.452GHz	17	2.462GHz	27	2.472GHz
8	2.453GHz	18	2.463GHz	28	2.473GHz
9	2.454GHz	19	2.464GHz	29	2.474GHz
10	2.455GHz	20	2.465GHz		

Note: The more detailed channel, please refer to the product specifications

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RE	26deg. C, 56%RH	DC 3V from Full Battery	Aaron Liang
BW	26deg. C, 56%RH	DC 3V from Full Battery	Aaron Liang
PLC	-	-	-

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C, Section 15.249

ANSI C63.10-2013

All test items have been performed and recorded as per the above standards.

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	-	-	-	-	-

NO.	DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	-

4. TEST TYPES AND RESULTS

4.1 RADIATED EMISSION MEASUREMENT

4.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

FREQUENCIES (MHz)	FIELD STRENGTH (microvolts/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

According to §15.249(a), the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental Frequency	Field strength of fundamental (milli-volts/meter)	Field strength of harmonics (micro-volts/meter)
902-928 MHz	50	500
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply.

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

**4.1.2 TEST INSTRUMENTS**

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESL6	1300.5001K06-10 0262-eQ	Mar. 24, 21
Bilog Antenna	Sunol Sciences	JB6	A110712	Jul. 21, 21
Active Antenna	COM-POWER	AL-130	121031	Jun. 30, 21
Signal Amplifier	HP	8447E	443008	Mar. 24, 21
Signal and Spectrum Analyzer	R&S	FSV40	101094	Mar. 19, 21
MXA signal analyzer	Agilent	N9020A	MY49100060	Mar. 24, 21
Horn Antenna	COM-POWER	AH-118	71259	Apr. 17, 21
Horn Antenna	COM-POWER	AH-118	71283	Jul. 21, 21
SHF-EHF Horn	Schwarzbeck	BBHA9170	BBHA9170147	May 10, 21
SHF-EHF Horn	Schwarzbeck	BBHA9170	BBHA9170242	May 10, 21
AMPLIFIER	EM Electornic Corporation	EM01G26G	60613	Mar. 24, 21
Pre-amplifier	Rohde&Schwarz	SCU40	100437	Oct. 16, 21
3m Semi-anechoic Chamber	SAEMC	9m*6m*6m	N/A	Oct. 17, 21
Test Software	EZ-EMC	ICP-03A1	N/A	N/A

NOTE:

1. The test was performed in 966 Chamber (a 3m Semi-anechoic chamber).
2. The calibration interval of the above test instruments is 12 months (Except 3m Semi-anechoic Chamber).And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested
4. The FCC Site Registration No. is 749762.

4.1.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 1.5 meters (above 1GHz) and 0.8 meters (below 1GHz) above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. For below 30MHz, a loop antenna with its vertical plane is place 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1m above the ground.
- g. If the emission level of the EUT in peak mode was lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.
5. The testing of the EUT was performed on all 3 orthogonal axes; the worst-case test configuration was reported on the file test setup photo.

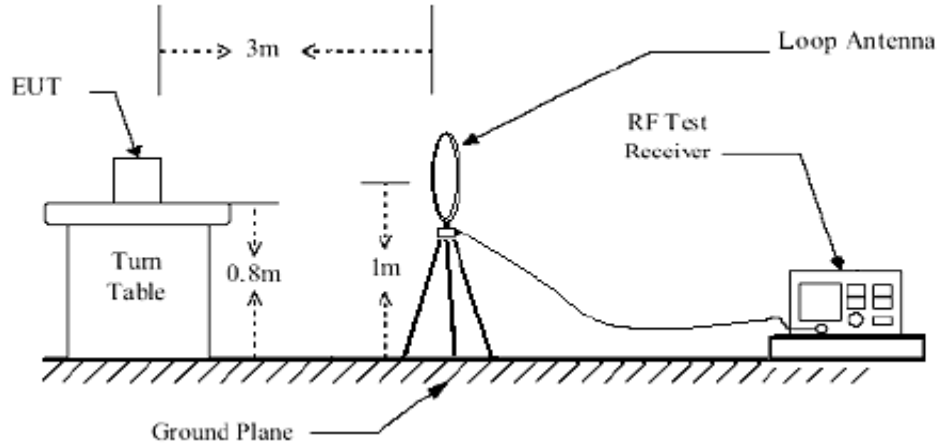
4.1.4 DEVIATION FROM TEST STANDARD

No deviation.

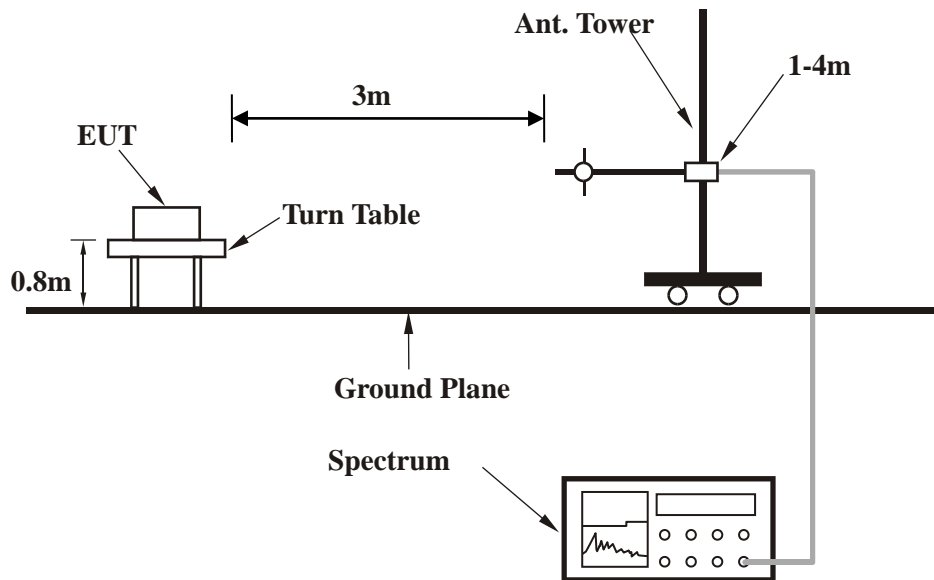


4.1.5 TEST SETUP

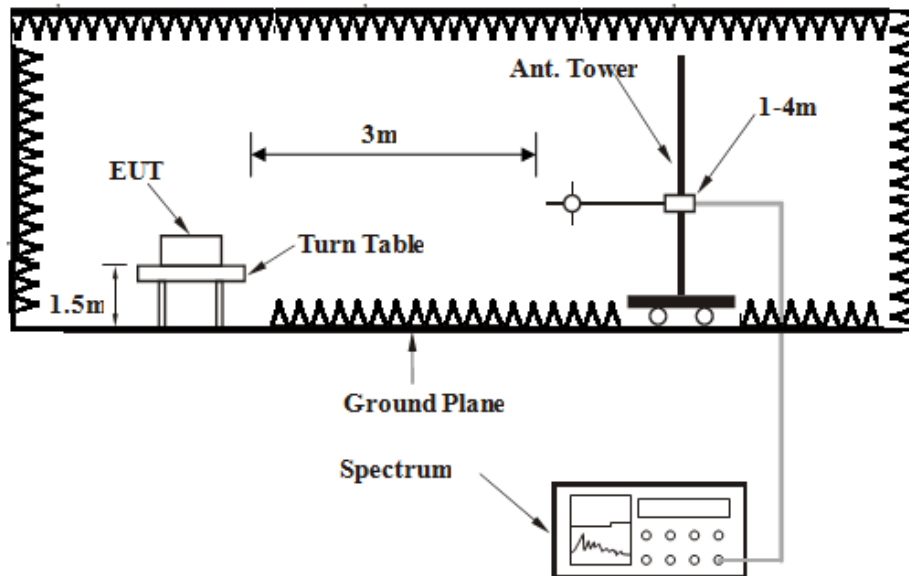
Below 30MHz test setup



Below 1GHz test setup



Above 1GHz test setup



Note: For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT OPERATING CONDITIONS

- a) Turned on the power of all equipment.
- b) EUT was operated according to the type used was description in manufacturer's specifications or the User's Manual.

4.1.7 TEST RESULTS

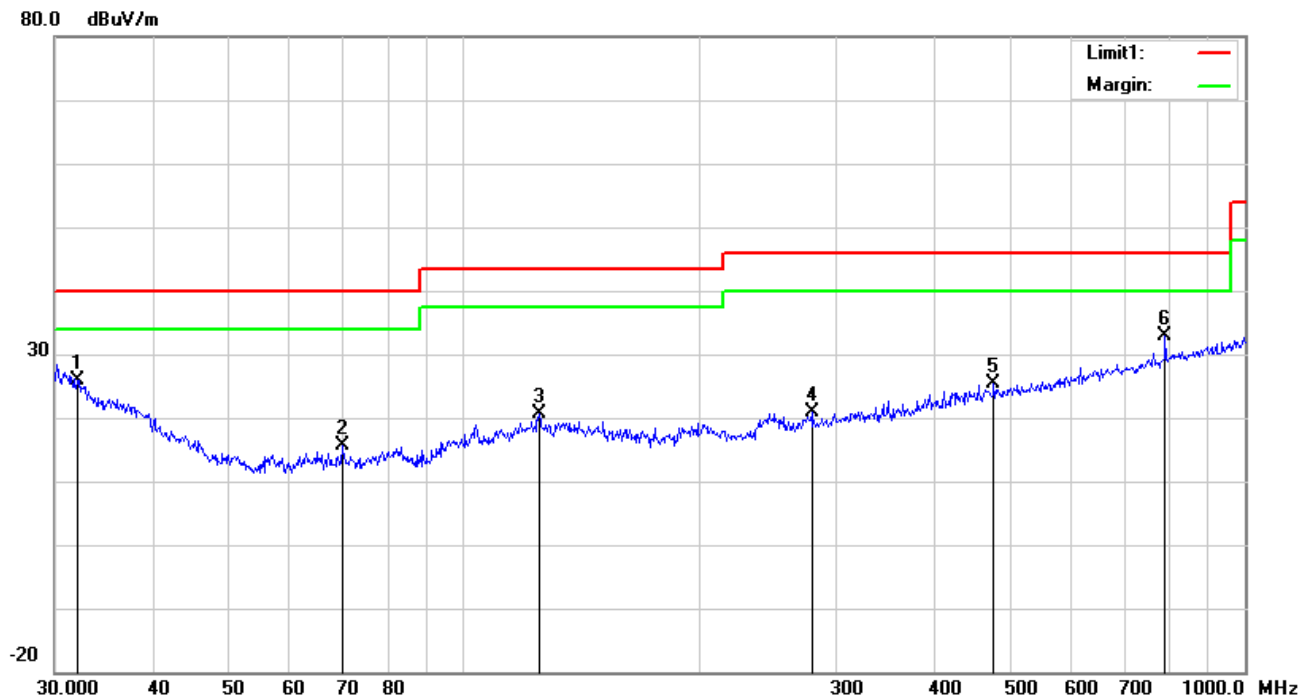
BELOW 1GHz WORST-CASE DATA

CHANNEL	TX Middle Channel	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9KHz ~ 1GHz		

ANTENNA POLARITY & test distance: HORIZONTAL at 3 m								
No.	Frequency (MHz)	Reading (dBuV/m)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)
1	32.0668	27.09	19.75	21.63	0.63	25.84	40.00	-14.16
2	70.0903	28.38	7.90	21.62	0.86	15.52	40.00	-24.48
3	125.0066	27.78	13.50	21.66	1.13	20.75	43.50	-22.75
4	279.0436	27.74	13.35	21.95	1.67	20.81	46.00	-25.19
5	477.1694	27.97	17.43	22.02	2.08	25.46	46.00	-20.54
6	790.6188	30.55	21.27	21.72	2.67	32.77	46.00	-13.23

REMARKS:

1. Result (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Gain (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. 9KHz~30MHz have been test and test data more than 20dB margin.
5. Margin value = Result level – Limit value



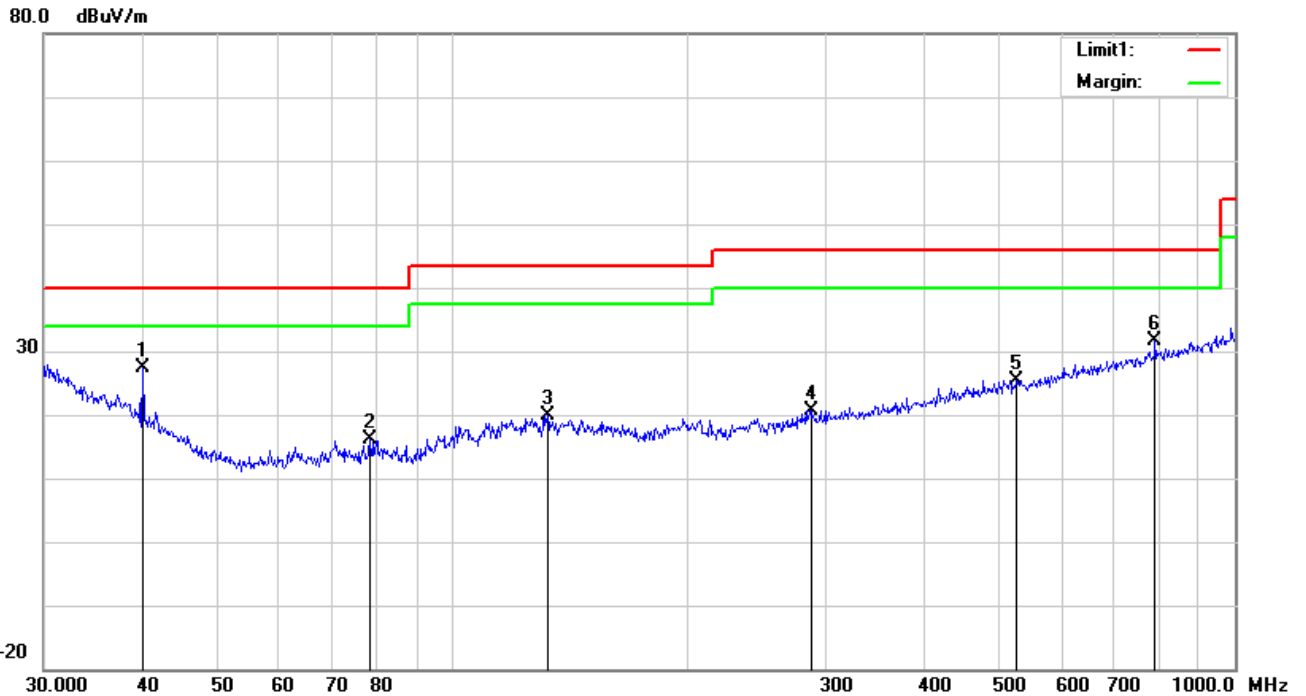


CHANNEL	TX Middle Channel	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9KHz ~ 1GHz		

ANTENNA POLARITY & test distance: Vertical at 3 m								
No.	Frequency (MHz)	Reading (dBuV/m)	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)
1	40.1347	34.11	14.10	21.62	0.68	27.27	40.00	-12.73
2	78.4134	29.29	7.50	21.61	0.91	16.09	40.00	-23.91
3	132.2206	27.25	13.24	21.67	1.15	19.97	43.50	-23.53
4	287.9904	27.51	13.46	21.97	1.70	20.70	46.00	-25.30
5	526.3967	27.25	17.91	22.03	2.17	25.30	46.00	-20.70
6	790.6188	29.34	21.27	21.72	2.67	31.56	46.00	-14.44

REMARKS:

1. Result (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Gain (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. 9KHz~30MHz have been test and test data more than 20dB margin.
5. Margin value = Result level – Limit value



ABOVE 1GHZ WORST-CASE DATA:

CHANNEL	TX Low Channel	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

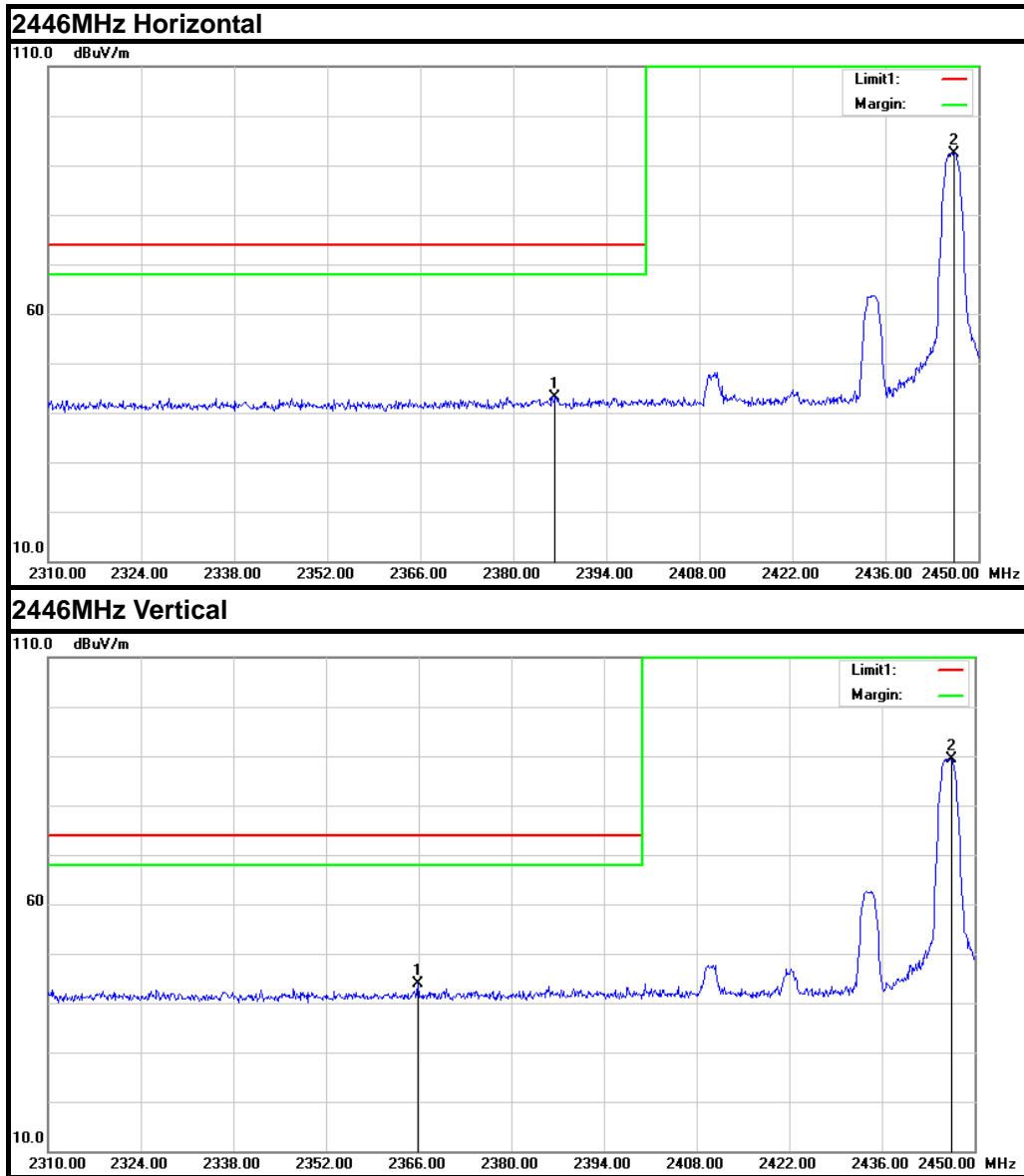
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	FREQ.	Emission Level	Limit	Margin	Height	Degree	Raw Value	Correction Factor
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(°)	(dBuV)	(dB/m)
1	2386.3	43.22 PK	74	-30.78	130	45	54.6	-11.38
2	2386.3	34.01 AV	54	-19.99	130	45	45.39	-11.38
3	*2446	92.42 PK	114	-21.58	146	235	103.8	-11.38
4	*2446	83.21 AV	94	-10.79	146	235	94.59	-11.38
5	4892	48.91 PK	74	-25.09	161	347	54.98	-6.07
6	4892	39.7 AV	54	-14.3	161	347	45.77	-6.07
7	7338	53.52 PK	74	-20.48	168	262	53.23	0.29
8	7338	44.31 AV	54	-9.69	168	262	44.02	0.29
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	FREQ.	Emission Level	Limit	Margin	Height	Degree	Raw Value	Correction Factor
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(°)	(dBuV)	(dB/m)
1	2365.86	43.77 PK	74	-30.23	169	151	55.15	-11.38
2	2365.86	34.56 AV	54	-19.44	169	151	45.94	-11.38
3	*2446	89.3 PK	114	-24.7	166	170	100.68	-11.38
4	*2446	80.09 AV	94	-13.91	166	170	91.47	-11.38
5	4892	48.72 PK	74	-25.28	137	48	54.79	-6.07
6	4892	39.51 AV	54	-14.49	137	48	45.58	-6.07
7	7338	54.3 PK	74	-19.7	146	74	54.01	0.29
8	7338	45.09 AV	54	-8.91	146	74	44.8	0.29

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Gain (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.



Band edge Plot





CHANNEL	TX Middle Channel	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	FREQ. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2460	93.85 PK	114	-20.15	147	192	105.23	-11.38
2	*2460	84.64 AV	94	-9.36	147	192	96.02	-11.38
3	4920	52.01 PK	74	-21.99	155	216	58.08	-6.07
4	4920	42.8 AV	54	-11.2	155	216	48.87	-6.07
5	7380	53.1 PK	74	-20.9	156	320	52.81	0.29
6	7380	43.89 AV	54	-10.11	156	320	43.6	0.29

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	FREQ. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2460	89.91 PK	114	-24.09	147	173	101.29	-11.38
2	*2460	80.7 AV	94	-13.3	147	173	92.08	-11.38
3	4920	50.85 PK	74	-23.15	164	347	56.92	-6.07
4	4920	41.64 AV	54	-12.36	164	347	47.71	-6.07
5	7380	53.92 PK	74	-20.08	160	91	53.63	0.29
6	7380	44.71 AV	54	-9.29	160	91	44.42	0.29

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Gain (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.



CHANNEL	TX High Channel	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

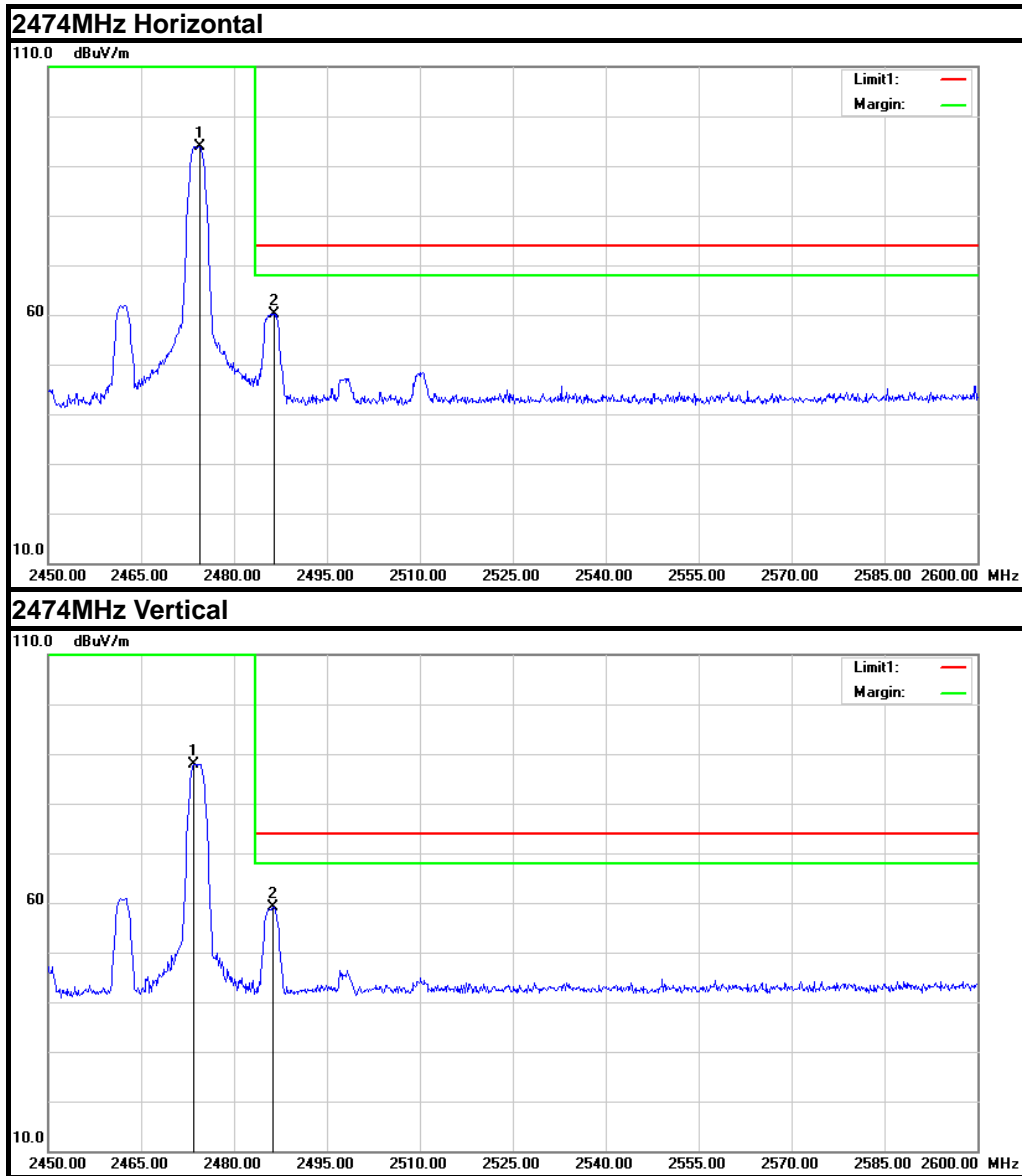
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	FREQ.	Emission Level	Limit	Margin	Height	Degree	Raw Value	Correction Factor
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(°)	(dBuV)	(dB/m)
1	2483.5	60.06 PK	74	-13.94	148	52	71.44	-11.38
2	2483.5	50.85 AV	54	-3.15	148	52	62.23	-11.38
3	*2474	93.77 PK	114	-20.23	135	90	105.15	-11.38
4	*2474	84.56 AV	94	-9.44	135	90	95.94	-11.38
5	4948	53.48 PK	74	-20.52	133	104	59.55	-6.07
6	4948	44.27 AV	54	-9.73	133	104	50.34	-6.07
7	7422	52.48 PK	74	-21.52	132	294	52.19	0.29
8	7422	43.27 AV	54	-10.73	132	294	42.98	0.29
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	FREQ.	Emission Level	Limit	Margin	Height	Degree	Raw Value	Correction Factor
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(°)	(dBuV)	((dB/m)
1	2486.3	59.04 PK	74	-14.96	155	268	70.42	-11.38
2	2486.3	49.83 AV	54	-4.17	155	268	61.21	-11.38
3	*2474	87.98 PK	114	-26.02	150	86	99.36	-11.38
4	*2474	78.77 AV	94	-15.23	150	86	90.15	-11.38
5	4948	52.58 PK	74	-21.42	145	134	58.65	-6.07
6	4948	43.37 AV	54	-10.63	145	134	49.44	-6.07
7	7422	56.11 PK	74	-17.89	148	16	55.82	0.29
8	7422	46.9 AV	54	-7.1	148	16	46.61	0.29

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Gain (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.



Band edge Plot





4.2 20dB BANDWIDTH MEASUREMENT

4.2.1 LIMITS OF 20dB BANDWIDTH MEASUREMENT

According to FCC 15.215(c), must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

4.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
Wireless Connectivity Tester	R&S	CMW270	1201.0002K75	Dec. 26, 21
MXA VEXTOR SIGNAL	Agilent	n5182a	MY50140530	Mar. 24, 21
MXA signal analyzer	Agilent	n9020a	MY49100060	Mar. 24, 21
RF Control Unit	Tonscend	JS0806-2	188060112	Mar. 24, 21
Signal Generation	Agilent	E4421B	US40051152	Dec. 17, 21
DC Power Supply	Agilent	E3640A	MY40004013	Mar. 30, 21
Programmable Temperature & Humidity Chamber	Hongjin	HYC-TH-225 DH	DG-180746	Mar. 24, 21
Test System	Tonscend	JS 1120-3	N/A	N/A
Power Splitter	Weinschel	1580-1	TL177	Mar. 27, 21

NOTE:

1. The test was performed in RF Oven room.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

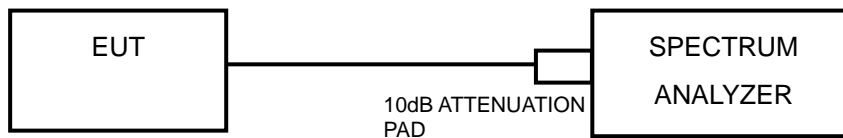
4.2.3 TEST PROCEDURE

- a. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- b. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- c. Measure the frequency difference of two frequencies that were attenuated 20dB from the reference level. Record the frequency difference as the emission bandwidth.
- d. Repeat above procedures until all frequencies measured were complete.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation.

4.2.5 TEST SETUP



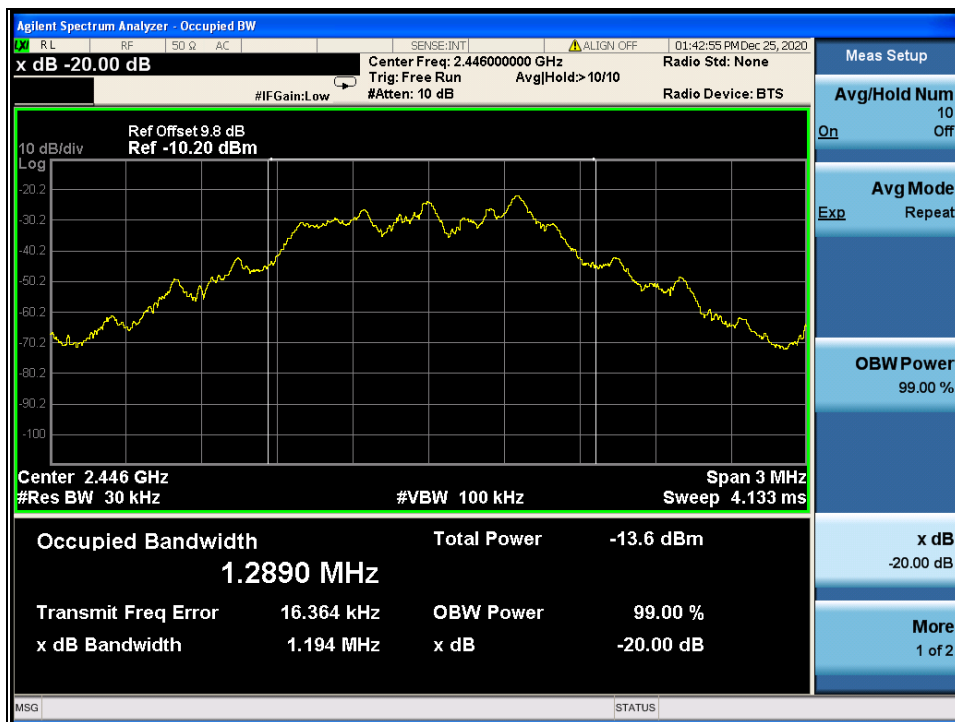
4.2.6 EUT OPERATING CONDITIONS

- a) Turned on the power of all equipment.
- b) EUT was operated according to the type used was description in manufacturer's specifications or the User's Manual.

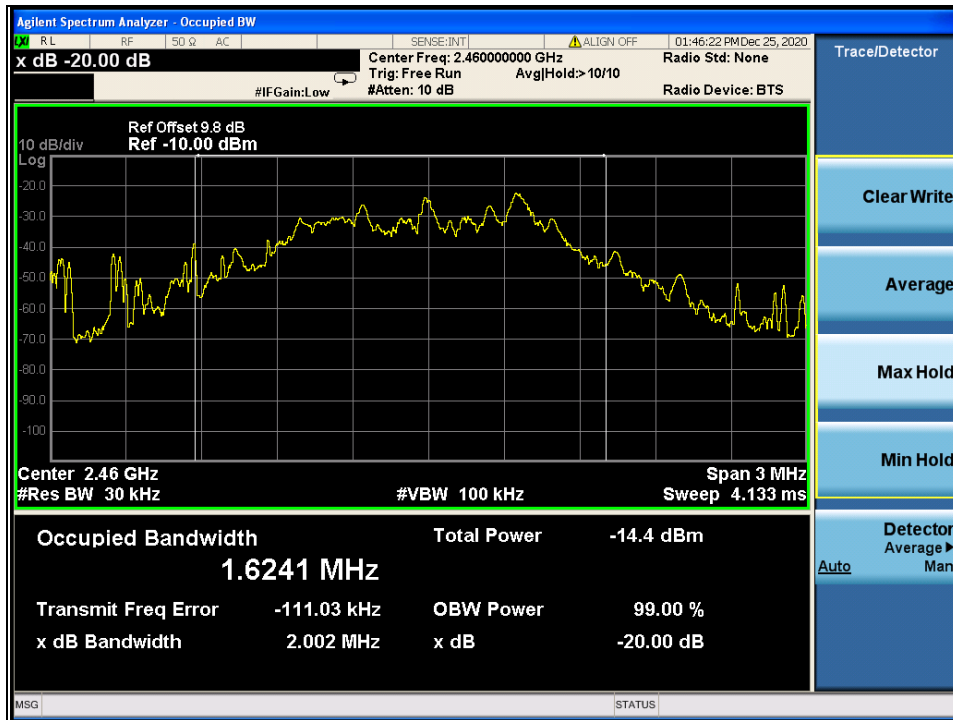
4.2.7 TEST RESULTS

CHANNEL	CHANNEL FREQUENCY (MHz)	20dB BANDWIDTH (MHz)
Low	2446	1.194
Middle	2460	2.002
High	2474	1.514

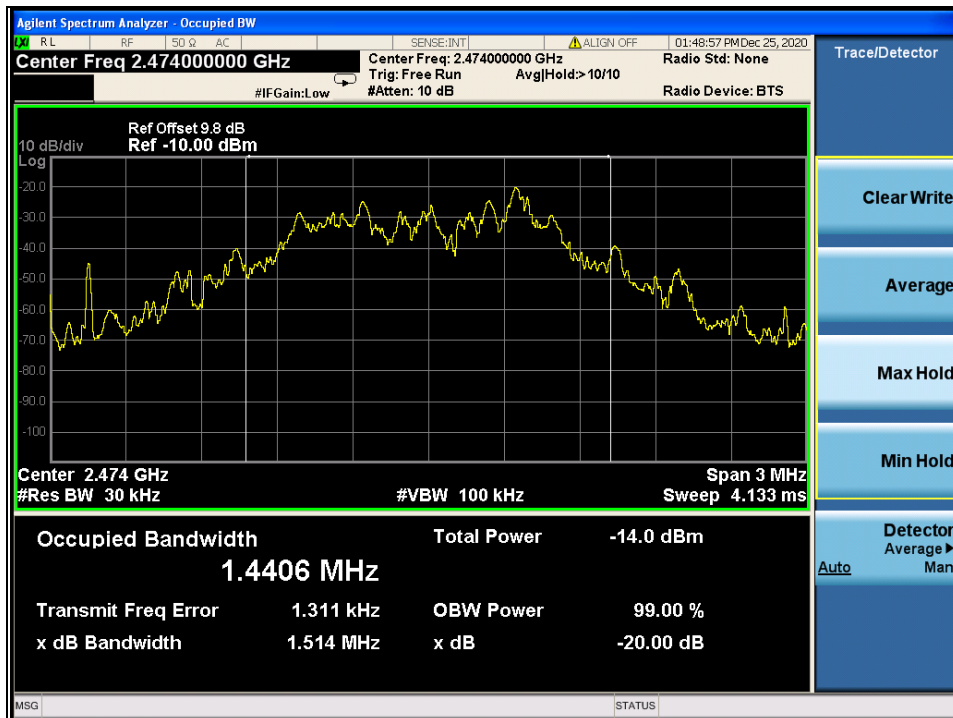
Test Data: Low channel



Test Data: Middle channel



Test Data: High channel





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5. PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



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6. APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

---END---