



## FCC RADIO TEST REPORT FCC ID: 2BA4J-ZHD520

Product: Digital DAY/NIGHT SCOPE Trade Mark: HITTAC, ARKEN -ZULUS Model No.: COMPACT HD 5 - 20X CP258, CP238, ZHD520, ZHD16, Family Model: ZHD312,COMPACT 3 - 12X COMPACT 1 - 6X Report No.: S23072005705001 Issue Date: Sep 21, 2023

## **Prepared for**

Pangooptics

201A, Building 13, Xingong International Industrial Park, Yuelu District, Changsha City, Hunan Province

### Prepared by

Shenzhen NTEK Testing Technology Co., Ltd. 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street Bao'an District, Shenzhen 518126 P.R. China Tel. 400-800-6106, 0755-2320 0050, 0755-2320 0090 Website: http://www.ntek.org.cn





#### Report No.: S23072005705001

### TABLE OF CONTENTS

1	TEST RESULT CERTIFICATION
2	SUMMARY OF TEST RESULTS4
3	FACILITIES AND ACCREDITATIONS5
3. 3. 3.	2 LABORATORY ACCREDITATIONS AND LISTINGS
4	GENERAL DESCRIPTION OF EUT6
5	DESCRIPTION OF TEST MODES
6	SETUP OF EQUIPMENT UNDER TEST
6. 6. 6.	2 SUPPORT EQUIPMENT
7	TEST REQUIREMENTS
7. 7. 7. 7. 7. 7. 7. 7.	2RADIATED SPURIOUS EMISSION1736DB BANDWIDTH264DUTY CYCLE285MAXIMUM OUTPUT POWER295POWER SPECTRAL DENSITY307CONDUCTED BAND EDGE MEASUREMENT323SPURIOUS RF CONDUCTED EMISSIONS344ANTENNA APPLICATION35
8	TEST RESULTS
8. 8. 8. 8. 8.	Maximum Conducted Output Power       42         -6DB Bandwidth       42         Occupied Channel Bandwidth.       47         Maximum Power Spectral Density Level.       53         Band Edge       58

# NTEK 北测<sup>®</sup>



#### **1 TEST RESULT CERTIFICATION**

Pangooptics		
201A, Building 13, Xingong International Industrial Park, Yuelu District, Changsha City, Hunan Province		
Pangooptics		
201A, Building 13, Xingong International Industrial Park, Yuelu District, Changsha City, Hunan Province		
Pangoopticss		
201A, Building 13, Xingong International Industrial Park, Yuelu District, Changsha City, Hunan Province		
Digital DAY/NIGHT SCOPE		
COMPACT HD 5 - 20X		
CP258, CP238, ZHD520, ZHD16, ZHD312,COMPACT 3 - 12X		
COMPACT 1 - 6X		
S230720057005		

Measurement Procedure Used:

APPLICABLE STANDARDS				
APPLICABLE STANDARD/ TEST PROCEDURE	TEST RESULT			
FCC 47 CFR Part 2, Subpart J				
FCC 47 CFR Part 15, Subpart C	Complied			
ANSI C63.10-2013	Complied			
KDB 558074 D01 15.247 Meas Guidance v05r02				

This device described above has been tested by Shenzhen NTEK Testing Technology Co., Ltd., and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

This report shall not be reproduced except in full, without the written approval of Shenzhen NTEK Testing Technology Co., Ltd., this document may be altered or revised by Shenzhen NTEK Testing Technology Co., Ltd., personnel only, and shall be noted in the revision of the document.

The test results of this report relate only to the tested sample identified in this report.

Date of Test	:	Jul 20. 2023 ~ Sep 21, 2023
Testing Engineer	:	Gavan Zhang
5 5		(Gavan Zhang)
Authorized Signatory	:	Ades
0,		(Alex Li)

# NTEK 北测<sup>®</sup>



#### 2 SUMMARY OF TEST RESULTS

FCC Part15 (15.247), Subpart C					
Standard Section	Test Item	Verdict	Remark		
15.207	Conducted Emission	PASS			
15.247 (a)(2)	6dB Bandwidth	PASS			
15.247 (b)	Maximum Output Power	PASS			
15.209 (a) 15.205 (a)	Radiated Spurious Emission	PASS			
15.247 (e)	Power Spectral Density	PASS			
15.247 (d)	Band Edge Emission	PASS			
15.247 (d)	Spurious RF Conducted Emission	PASS			
15.203	Antenna Requirement	PASS			

#### Remark:

1. "N/A" denotes test is not applicable in this Test Report.

2. All test items were verified and recorded according to the standards and without any deviation during the test.

 This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.





#### **3 FACILITIES AND ACCREDITATIONS**

#### 3.1 FACILITIES

All measurement facilities used to collect the measurement data are located at 1/F, Building E, Fenda Science Park Sanwei, Xixiang, Bao'an District Shenzhen, Guangdong, China The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 22.

#### 3.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description	
CNAS-Lab.	: The Certificate Registration Number is L5516.
IC-Registration	The Certificate Registration Number is 9270A.
	CAB identifier:CN0074
FCC- Accredited	Test Firm Registration Number: 463705.
	Designation Number: CN1184
A2LA-Lab.	The Certificate Registration Number is 4298.01
	This laboratory is accredited in accordance with the recognized
	International Standard ISO/IEC 17025:2005 General requirements for
	the competence of testing and calibration laboratories.
	This accreditation demonstrates technical competence for a defined
	scope and the operation of a laboratory quality management system
	(refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).
Name of Firm	: Shenzhen NTEK Testing Technology Co., Ltd.
Site Location	: 1/F, Building E, Fenda Science Park Sanwei, Xixiang, Bao'an District
	Shenzhen, Guangdong, China

#### 3.3 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	Conducted Emission Test	±2.80dB
2	RF power, conducted	±0.16dB
3	Spurious emissions, conducted	±0.21dB
4	All emissions, radiated(30MHz~1GHz)	±2.64dB
5	All emissions, radiated(1GHz~6GHz)	±2.40dB
6	All emissions, radiated(>6GHz)	±2.52dB
7	Temperature	±0.5°C
8	Humidity	±2%
9	All emissions, radiated(9KHz~30MHz)	±6dB
10	Occupied bandwidth	±3.7dB





#### 4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification					
Equipment	Digital DAY/NIGHT SCOPE				
Trade Mark	HITTAC, ARKEN -ZULUS				
FCC ID	2BA4J-ZHD520				
Model No.	COMPACT HD 5 - 20X				
Family Model	CP258, CP238, ZHD520, ZHD16, ZHD312,COMPACT 3 - 12X, COMPACT 1 - 6X				
Model Difference	All models are the same circuit and RF module, except the Model name				
Operating Frequency	2412-2462MHz for 802.11b/g/11n(HT20);				
Modulation	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n;				
Number of Channels	11 channels for 802.11b/g/11n(HT20);				
Antenna Type	PCB Antenna				
Antenna Gain	-1.43 dBi				
Power supply	DC 5V from USB port or DC 3.6V from battery				
Adapter	N/A				
HW Version	N/A				
SW Version	N/A				
Antenna Type Antenna Gain Power supply Adapter HW Version	PCB Antenna -1.43 dBi DC 5V from USB port or DC 3.6V from battery N/A N/A				

Note: Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.





#### **Revision History**

Report No.	Version	Description	Issued Date		
S23072005705001	Rev.01	Initial issue of report	Sep 21, 2023		





#### 5 DESCRIPTION OF TEST MODES

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 above was evaluated respectively.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Those data rates (802.11b: 1 Mbps; 802.11g: 6 Mbps; 802.11n (HT20): MCS0) were used for all test.

The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement -X, Y, and Z-plane. The Y-plane results were found as the worst case and were shown in this report.

#### Frequency and Channel list for 802.11b/g/n (HT20):

Channel	Frequency(MHz)
1	2412
2	2417
5	2432
6	2437
10	2457
11	2462

Note: fc=2412MHz+(k-1)×5MHz k=1 to 11

EUT built-in battery-powered, the battery is fully-charged.





Test Items	Mode	Data Rate	Channel	Ant
AC Power Line Conducted Emissions	Normal Link	-	-	-
	11b/CCK	1 Mbps	1/6/11	1
Maximum Conducted Output	11g/BPSK	6 Mbps	1/6/11	1
Power	11n HT20	MCS0	1/6/11	1
Power Spectral Density	11b/CCK	1 Mbps	1/6/11	1
Tower Opectial Density	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
6dB Spectrum Bandwidth	11b/CCK	1 Mbps	1/6/11	1
	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
Radiated Emissions Below	11b/CCK	1 Mbps	1/6/11	1
1GHz	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
		•		
Radiated Emissions Above	11b/CCK	1 Mbps	1/6/11	1
1GHz	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
		÷		·
Band Edge Emissions	11b/CCK	1 Mbps	1/6/11	1
-	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1





## SETUP OF EQUIPMENT UNDER TEST 6 6.1 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM For AC Conducted Emission Mode C-1 AC PLUG AE-1 FUT adapter For Radiated Test Cases EUT For Conducted Test Cases C-2 Measurement EUT Instrument Note: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.





#### 6.2 SUPPORT EQUIPMENT

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.

Item	Equipment	Model/Type No.	Series No.	Note
AE-1	adapter	N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	USB Cable	NO	NO	1.0m
C-2	RF Cable	YES	NO	0.1m

#### Notes:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in [Length] column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".

# NTEK 北测<sup>®</sup>



#### Report No.: S23072005705001

#### 6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

#### Radiation& Conducted Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Aglient	E4440A	MY41000130	2023.03.27	2024.03.26	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2023.05.29	2024.05.28	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2023.05.29	2024.05.28	1 year
4	Test Receiver	R&S	ESPI7	101318	2023.03.27	2024.03.26	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2023.03.16	2024.03.15	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2023.05.06	2026.05.05	3 year
7	Horn Antenna	EM	EM-AH-1018 0	2011071402	2022.03.31	2025.03.30	1 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2022.11.07	2023.11.06	1 year
9	Amplifier	EMC	EMC051835 SE	980246	2023.05.29	2024.05.28	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2022.11.04	2023.11.03	1 year
11	Power Meter	DARE	RPR3006W	15I00041SN 084	2023.05.29	2024.05.28	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2023.05.06	2026.05.05	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2023.05.06	2026.05.05	3 year
14	High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2023.05.06	2026.05.05	3 year
15	Filter	TRILTHIC	2400MHz	29	2023.03.27	2026.03.26	3 year
16	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

Note:

We will use the temporary antenna connector (soldered on the PCB board) When conducted test And this temporary antenna connector is listed within the instrument list





AC Conduction Test equipment							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2023.03.27	2024.03.26	1 year
2	LISN	R&S	ENV216	101313	2023.03.27	2024.03.26	1 year
3	LISN	SCHWARZBE CK	NNLK 8129	8129245	2023.03.27	2024.03.26	1 year
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2023.05.06	2026.05.05	3 year
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2023.05.06	2026.05.05	3 year
6	Test Cable (9KHz-30MH z)	N/A	C02	N/A	2023.05.06	2026.05.05	3 year
7	Test Cable (9KHz-30MH z)	N/A	C03	N/A	2023.05.06	2026.05.05	3 year

Note: Each piece of equipment is scheduled for calibration once a year except the Aux Equipment & Test Cable which is scheduled for calibration every 2 or 3 years.





#### 7 TEST REQUIREMENTS

#### 7.1 CONDUCTED EMISSIONS TEST

#### 7.1.1 Applicable Standard

According to FCC Part 15.207(a)

#### 7.1.2 Conformance Limit

Frequency (MHz)	Conducted Emission Limit		
Frequency(MHz)	Quasi-peak	Average	
0.15-0.5	66-56*	56-46*	
0.5-5.0	56	46	
5.0-30.0	60	50	

Note: 1. \*Decreases with the logarithm of the frequency

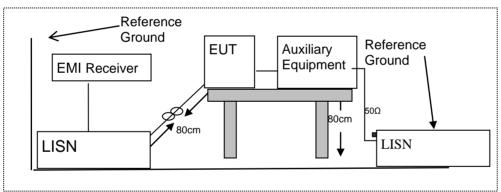
2. The lower limit shall apply at the transition frequencies

3. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

#### 7.1.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

#### 7.1.4 Test Configuration



#### 7.1.5 Test Procedure

According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room.
- 2. The EUT was placed on a table which is 0.8m above ground plane.
- 3. Connect EUT 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.
- 4. 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 40cm long.
- 5. 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.
- 6. LISN at least 80 cm from nearest part of EUT chassis.
- 7. The frequency range from 150KHz to 30MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth(IF bandwidth=9KHz) with Maximum Hold Mode
- 9. For the actual test configuration, please refer to the related Item –EUT Test Photos.





#### 7.1.6 Test Results

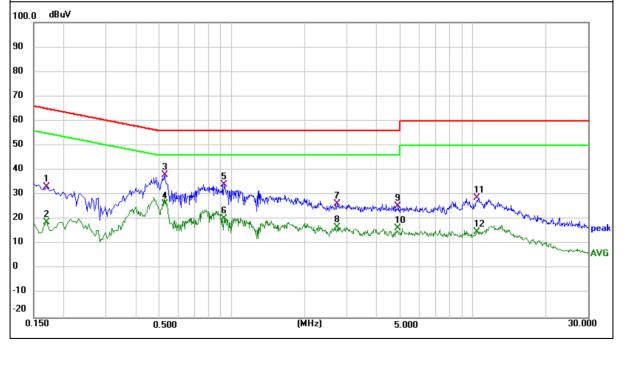
EUT:	Digital DAY/NIGHT SCOPE	IModel Name	COMPACT HD 5 - 20X
Temperature:	<b>22</b> °C	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from adapter AC 120V/60Hz	Test Mode:	Normal Link

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1700	23.20	9.97	33.17	64.96	-31.79	QP
0.1700	8.98	9.97	18.95	54.96	-36.01	AVG
0.5260	27.27	10.71	37.98	56.00	-18.02	QP
0.5260	15.56	10.71	26.27	46.00	-19.73	AVG
0.9260	22.52	11.52	34.04	56.00	-21.96	QP
0.9260	8.87	11.52	20.39	46.00	-25.61	AVG
2.7260	16.74	9.67	26.41	56.00	-29.59	QP
2.7260	7.06	9.67	16.73	46.00	-29.27	AVG
4.8980	15.80	9.67	25.47	56.00	-30.53	QP
4.8980	6.80	9.67	16.47	46.00	-29.53	AVG
10.3820	19.13	9.69	28.82	60.00	-31.18	QP
10.3820	5.35	9.69	15.04	50.00	-34.96	AVG

Remark:

1. All readings are Quasi-Peak and Average values.

2. Factor = Insertion Loss + Cable Loss.







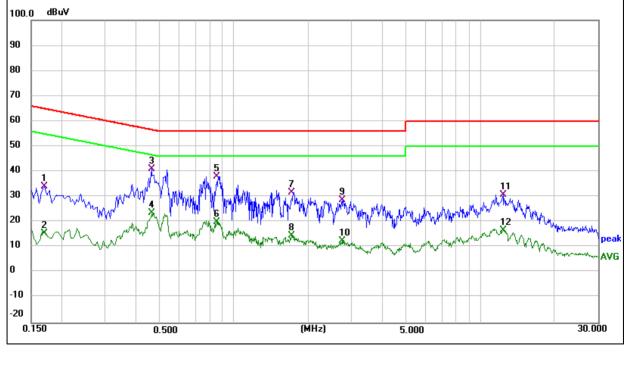
EUT:	Digital DAY/NIGHT SCOPE	IMODEL Name	COMPACT HD 5 - 20X
Temperature:	<b>22</b> °C	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	N
Test Voltage :	DC 5V from adapter AC 120V/60Hz	Test Mode:	Normal Link

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
. ,	,	. ,	,	· · ·	. ,	0.0
0.1700	24.22	9.97	34.19	64.96	-30.77	QP
0.1700	5.67	9.97	15.64	54.96	-39.32	AVG
0.4620	30.42	10.57	40.99	56.66	-15.67	QP
0.4620	13.22	10.57	23.79	46.66	-22.87	AVG
0.8500	26.72	11.36	38.08	56.00	-17.92	QP
0.8500	8.68	11.36	20.04	46.00	-25.96	AVG
1.7100	18.78	13.08	31.86	56.00	-24.14	QP
1.7100	1.55	13.08	14.63	46.00	-31.37	AVG
2.7659	19.19	9.67	28.86	56.00	-27.14	QP
2.7659	3.03	9.67	12.70	46.00	-33.30	AVG
12.3460	21.30	9.70	31.00	60.00	-29.00	QP
12.3460	6.93	9.70	16.63	50.00	-33.37	AVG

Remark:

1. All readings are Quasi-Peak and Average values.

2. Factor = Insertion Loss + Cable Loss.







#### 7.2 RADIATED SPURIOUS EMISSION

#### 7.2.1 Applicable Standard

According to FCC Part 15.247(d) and 15.209 and ANSI C63.10-2013

#### 7.2.2 Conformance Limit

According to FCC Part 15.247(d): radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)). According to FCC Part15.205, Restricted bands

According to FOC Fait15.205, Restricted bands				
MHz	MHz	GHz		
16.42-16.423	399.9-410	4.5-5.15		
16.69475-16.69525	608-614	5.35-5.46		
16.80425-16.80475	960-1240	7.25-7.75		
25.5-25.67	1300-1427	8.025-8.5		
37.5-38.25	1435-1626.5	9.0-9.2		
73-74.6	1645.5-1646.5	9.3-9.5		
74.8-75.2	1660-1710	10.6-12.7		
123-138	2200-2300	14.47-14.5		
149.9-150.05	2310-2390	15.35-16.2		
156.52475-156.52525	2483.5-2500	17.7-21.4		
156.7-156.9	2690-2900	22.01-23.12		
162.0125-167.17	3260-3267	23.6-24.0		
167.72-173.2	3332-3339	31.2-31.8		
240-285	3345.8-3358	36.43-36.5		
322-335.4	3600-4400	(2)		
	MHz 16.42-16.423 16.69475-16.69525 16.80425-16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 123-138 149.9-150.05 156.52475-156.52525 156.7-156.9 162.0125-167.17 167.72-173.2 240-285	MHzMHz16.42-16.423399.9-41016.69475-16.69525608-61416.80425-16.80475960-124025.5-25.671300-142737.5-38.251435-1626.573-74.61645.5-1646.574.8-75.21660-1710123-1382200-2300149.9-150.052310-2390156.52475-156.525252483.5-2500156.7-156.92690-2900162.0125-167.173260-3267167.72-173.23332-3339240-2853345.8-3358		

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Restricted Frequency(MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Measurement Distance
0.009~0.490	2400/F(KHz)	20 log (uV/m)	300
0.490~1.705	24000/F(KHz)	20 log (uV/m)	30
1.705~30.0	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

Limits of Radiated Emission Measurement(Above 1000MHz)

Frequency(MHz)	Class B (dBuV/	/m) (at 3M)
Frequency(MHz)	PEAK	AVERAGE
Above 1000	74	54

Remark :1. Emission level in dBuV/m=20 log (uV/m)

2. Measurement was performed at an antenna to the closed point of EUT distance of meters.

3. For Frequency 9kHz~30MHz:

Distance extrapolation factor =40log(Specific distance/ test distance)(dB);

Limit line=Specific limits(dBuV) + distance extrapolation factor.

For Frequency above 30MHz:

Distance extrapolation factor =20log(Specific distance/ test distance)(dB);

Limit line=Specific limits(dBuV) + distance extrapolation factor.



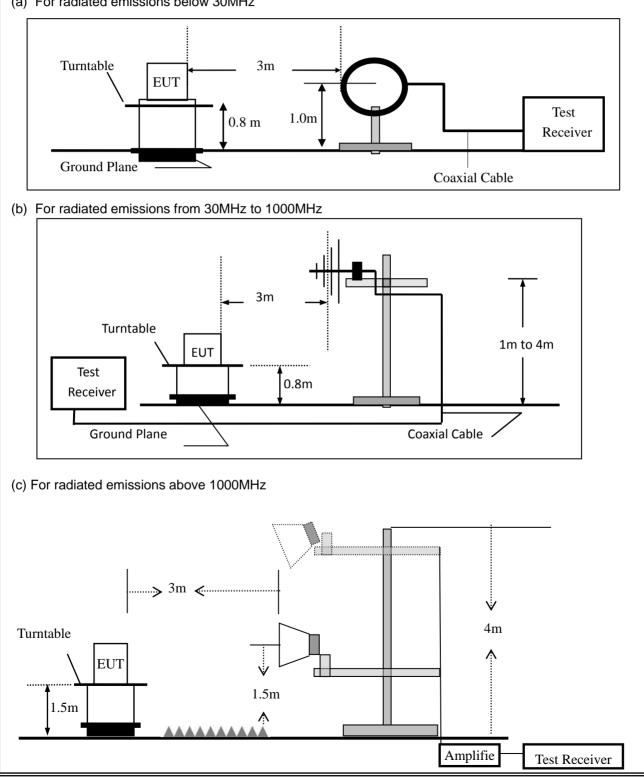


#### 7.2.3 **Measuring Instruments**

The Measuring equipment is listed in the section 6.3 of this test report.

#### 7.2.4 **Test Configuration**

#### (a) For radiated emissions below 30MHz







#### 7.2.5 Test Procedure

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10-2013. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 1MHz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz and frequencies above 1GHz,
- b. The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For the radiated emission test above 1GHz: Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- e. 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.
- f. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- g For the actual test configuration, please refer to the related Item –EUT Test Photos.
  - Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

During the radiated emission test, the Spectrum Analyzer was set with the following configurations: For peak measurement:

Set RBW=120 kHz for f < 1 GHz; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold; Set RBW = 1 MHz, VBW= 3MHz for f≥1 GHz

For average measurement:

VBW = 10 Hz, when duty cycle is no less than 98 percent.

VBW  $\geq$  1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.





Note: for the frequency ranges below 30 MHz, a narrower RBW is used for these ranges but the measured value should add a RBW correction factor (RBWCF) where RBWCF [dB] =10\*lg(100 [kHz]/narrower RBW [kHz])., the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

#### 7.2.6 Test Results

■ Spurious Emission below 30MHz (9KHz to 30MHz)

EUT:	Digital DAY/NIGHT SCOPE	N	/odel No.:	COMPACT HD 5 - 20X
Temperature:	<b>20</b> ℃	R	Relative Humidity:	48%
Test Mode:	802.11b/g/n(HT20)	Т	est By:	Gavan Zhang

Freq.	Ant.Pol.	Emission L	.evel(dBuV/m)	Limit 3	m(dBuV/m)	Over(dB)		
(MHz)	H/V	PK	AV	PK	AV	PK	AV	

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.





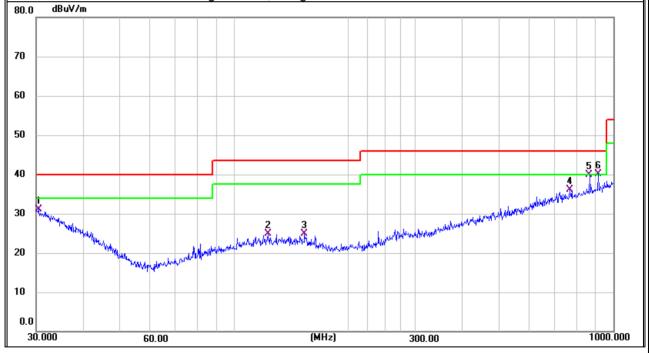
Spurious Emission below 1GHz (30MHz to 1GHz) All the modulation modes have been tested, and the worst result was report as below:

EUT:	Digital DAY/NIGHT SCOPE	Model Name :	COMPACT HD 5 - 20X			
Temperature:	<b>25</b> ℃	Relative Humidity:	55%			
Pressure:	1010hPa Test Mode: 802.11b-2412MHz					
Test Voltage :	DC 5V from adapter AC 120V/60Hz					

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	30.4237	4.86	26.23	31.09	40.00	-8.91	QP
V	122.8340	6.19	18.75	24.94	43.50	-18.56	QP
V	153.2004	6.41	18.41	24.82	43.50	-18.68	QP
V	766.0571	7.11	29.07	36.18	46.00	-9.82	QP
V	866.0879	9.54	30.40	39.94	46.00	-6.06	QP
V	912.8620	9.11	30.94	40.05	46.00	-5.95	QP

#### **Remark:**

Emission Level = Meter Reading+ Factor, Margin= Emission Level- Limit dBu¥/m







Polar		Frequ	iency		leter ading	Factor		ssion vel	Lim	its	Ma	rgin	Re	marl
(H/V)		(Mł	Hz)	(d	BuV)	(dB)	(dBu	ıV/m)	(dBu\	//m)	(d	B)		
Н		239	.9874		21.76	18.04	3	9.80	46	.00	-6	6.20		QP
Н		345	.5952		15.51	21.58	3	7.09	46	.00	-8	8.91		QP
Н		528	.2458		15.13	25.29	4	0.42	46	.00	-5	5.58		QP
Н		721	.7259		14.42	28.28	42	2.70	46	.00	-3	8.30		QP
Н		866	.0879		12.50	30.40	42	2.90	46	.00	-3	8.10		QP
H Rema		912	.8620		11.76	30.94	42	2.70	46	.00	-3	3.30		QP
0.0	dBuV≀	'm												
70														
i0														
50 -														
40 -								1	Ž		3	×	××	
30 🗸	whether	w. With	wanter	. 1		phill Windowski and and		de labelle	un Andrew	an the stand	Million	Ingula	MUMM	
20		and the second s	and the second of the second o	max met We A	Mindrawa	lation of an analysis of the second	Hornow	1997						_
10 -														_
0.0	0		60.0	10		(MI			300.00				1	00.00
55.00			00.0	0		(m)	,		JUU.UU					





сцт.		171801010		to 25GHz	)				
EUT: Digital DAY/NIGHT SCOPE						No.:	COMP	ACT HD \$	5 - 20X
Temperatur	e:	<b>20</b> ℃			Relativ	Relative Humidity: 48%			
Test Mode:		802.11b/g/	n(HT20)		Test By	Test By: Gavan Zhang			
All the modu	lation mod	des have be	en tested,	and the w	orst result	was report a	as below:	-	
Frequency	Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)		
		L	ow Channe	I (2412 MH	z)(802.11b)-	-Above 1G			
4824.069	64.94	5.21	35.59	44.30	61.44	74.00	-12.56	Pk	Vertical
4824.069	46.43	5.21	35.59	44.30	42.93	54.00	-11.07	AV	Vertical
7236.154	62.86	6.48	36.27	44.60	61.01	74.00	-12.99	Pk	Vertical
7236.154	50.19	6.48	36.27	44.60	48.34	54.00	-5.66	AV	Vertical
4824.103	68.28	5.21	35.55	44.30	64.74	74.00	-9.26	Pk	Horizontal
4824.103	48.27	5.21	35.55	44.30	44.73	54.00	-9.27	AV	Horizontal
7236.146	67.88	6.48	36.27	44.52	66.11	74.00	-7.89	Pk	Horizontal
7236.146	45.53	6.48	36.27	44.52	43.76	54.00	-10.24	AV	Horizontal
Low Channel (2437 MHz)(802.11b)Above 1G									
4874.135	65.10	5.21	35.66	44.20	61.77	74.00	-12.23	Pk	Vertical
4874.135	44.52	5.21	35.66	44.20	41.19	54.00	-12.81	AV	Vertical
7311.271	62.42	7.10	36.50	44.43	61.59	74.00	-12.41	Pk	Vertical
7311.271	44.05	7.10	36.50	44.43	43.22	54.00	-10.78	AV	Vertical
4874.089	64.68	5.21	35.66	44.20	61.35	74.00	-12.65	Pk	Horizontal
4874.089	47.45	5.21	35.66	44.20	44.12	54.00	-9.88	AV	Horizontal
7311.192	65.26	7.10	36.50	44.43	64.43	74.00	-9.57	Pk	Horizontal
7311.192	45.74	7.10	36.50	44.43	44.91	54.00	-9.09	AV	Horizontal
		L	ow Channe	I (2462 MH	z)(802.11b)-	-Above 1G			
4924.055	65.55	5.21	35.52	44.21	62.07	74.00	-11.93	Pk	Vertical
4924.055	48.19	5.21	35.52	44.21	44.71	54.00	-9.29	AV	Vertical
7386.215	62.97	7.10	36.53	44.60	62.00	74.00	-12.00	Pk	Vertical
7386.215	44.40	7.10	36.53	44.60	43.43	54.00	-10.57	AV	Vertical
4924.183	63.94	5.21	35.52	44.21	60.46	74.00	-13.54	Pk	Horizontal
4924.183	43.31	5.21	35.52	44.21	39.83	54.00	-14.17	AV	Horizontal
7386.144	64.15	7.10	36.53	44.60	63.18	74.00	-10.82	Pk	Horizontal
7386.144	47.42	7.10	36.53	44.60	46.45	54.00	-7.55	AV	Horizontal

Note:

(1) Emission Level= Antenna Factor + Cable Loss + Read Level - Preamp Factor

(2) Other emissions are attenuated more than 20dB below the permissible limits, so it does not recorded in the report.

(3)"802.11b" mode is the worst mode. When PK value is lower than the Average value limit, average don't record.





■ Spurious Emission in Restricted Band 2310MHz -18000MHz All the modulation modes have been tested, and the worst result was report as below:

Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	
				80	)2.11b				
2310.00	67.02	2.97	27.21	43.80	53.40	74	-20.60	Pk	Horizontal
2310.00	46.26	2.97	27.21	43.80	32.64	54	-21.36	AV	Horizontal
2310.00	67.05	2.97	27.21	43.80	53.43	74	-20.57	Pk	Vertical
2310.00	48.31	2.97	27.21	43.80	34.69	54	-19.31	AV	Vertical
2390.00	68.68	3.14	27.33	43.80	55.35	74	-18.65	Pk	Vertical
2390.00	52.87	3.14	27.33	43.80	39.54	54	-14.46	AV	Vertical
2390.00	68.11	3.14	27.33	43.80	54.78	74	-19.22	Pk	Horizontal
2390.00	50.77	3.14	27.33	43.80	37.44	54	-16.56	AV	Horizontal
2483.50	69.59	3.58	27.70	44.00	56.87	74	-17.13	Pk	Vertical
2483.50	50.46	3.58	27.70	44.00	37.74	54	-16.26	AV	Vertical
2483.50	72.18	3.58	27.70	44.00	59.46	74	-14.54	Pk	Horizontal
2483.50	51.94	3.58	27.70	44.00	39.22	54	-14.78	AV	Horizontal
				80	)2.11g				
2310.00	72.39	2.97	27.21	43.80	58.77	74	-15.23	Pk	Horizontal
2310.00	50.07	2.97	27.21	43.80	36.45	54	-17.55	AV	Horizontal
2310.00	72.05	2.97	27.21	43.80	58.43	74	-15.57	Pk	Vertical
2310.00	49.74	2.97	27.21	43.80	36.12	54	-17.88	AV	Vertical
2390.00	73.71	3.14	27.33	43.80	60.38	74	-13.62	Pk	Vertical
2390.00	48.16	3.14	27.33	43.80	34.83	54	-19.17	AV	Vertical
2390.00	66.63	3.14	27.33	43.80	53.30	74	-20.70	Pk	Horizontal
2390.00	49.16	3.14	27.33	43.80	35.83	54	-18.17	AV	Horizontal
2483.50	70.40	3.58	27.70	44.00	57.68	74	-16.32	Pk	Vertical
2483.50	50.45	3.58	27.70	44.00	37.73	54	-16.27	AV	Vertical
2483.50	68.06	3.58	27.70	44.00	55.34	74	-18.66	Pk	Horizontal
2483.50	49.28	3.58	27.70	44.00	36.56	54	-17.44	AV	Horizontal
				802	2.11n20				
2310.00	72.02	2.97	27.21	43.80	58.40	74	-15.60	Pk	Horizontal
2310.00	51.38	2.97	27.21	43.80	37.76	54	-16.24	AV	Horizontal
2310.00	70.06	2.97	27.21	43.80	56.44	74	-17.56	Pk	Vertical
2310.00	49.71	2.97	27.21	43.80	36.09	54	-17.91	AV	Vertical
2390.00	64.40	3.14	27.33	43.80	51.07	74	-22.93	Pk	Vertical
2390.00	47.95	3.14	27.33	43.80	34.62	54	-19.38	AV	Vertical
2390.00	64.03	3.14	27.33	43.80	50.70	74	-23.30	Pk	Horizontal
2390.00	47.14	3.14	27.33	43.80	33.81	54	-20.19	AV	Horizontal
2483.50	70.43	3.58	27.70	44.00	57.71	74	-16.29	Pk	Vertical
2483.50	47.36	3.58	27.70	44.00	34.64	54	-19.36	AV	Vertical
2483.50	63.58	3.58	27.70	44.00	50.86	74	-23.14	Pk	Horizontal
2483.50	48.29	3.58	27.70	44.00	35.57	54	-18.43	AV	Horizontal





Spurious Emission in Restricted Bands 3260MHz- 18000MHz

All the modulation modes have been tested, the worst result was report as below:

Frequency	Reading Level	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	
3260	62.88	4.04	29.57	44.70	51.79	74	-22.21	Pk	Vertical
3260	49.17	4.04	29.57	44.70	38.08	54	-15.92	AV	Vertical
3260	69.17	4.04	29.57	44.70	58.08	74	-15.92	Pk	Horizontal
3260	48.60	4.04	29.57	44.70	37.51	54	-16.49	AV	Horizontal
3332	67.96	4.26	29.87	44.40	57.69	74	-16.31	Pk	Vertical
3332	45.77	4.26	29.87	44.40	35.50	54	-18.50	AV	Vertical
3332	65.29	4.26	29.87	44.40	55.02	74	-18.98	Pk	Horizontal
3332	47.33	4.26	29.87	44.40	37.06	54	-16.94	AV	Horizontal
17797	48.68	10.99	43.95	43.50	60.12	74	-13.88	Pk	Vertical
17797	38.08	10.99	43.95	43.50	49.52	54	-4.48	AV	Vertical
17788	51.44	11.81	43.69	44.60	62.34	74	-11.66	Pk	Horizontal
17788	33.43	11.81	43.69	44.60	44.33	54	-9.67	AV	Horizontal

"802.11b" mode is the worst mode. When PK value is lower than the Average value limit, average don't record.

Other emissions are attenuated more than 20dB below the permissible limits, so it does not recorded in the report.





#### 7.3 6DB BANDWIDTH

#### 7.3.1 Applicable Standard

According to FCC Part 15.247(a)(2) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.2.

#### 7.3.2 Conformance Limit

The minimum permissible 6dB bandwidth is 500 kHz.

#### 7.3.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

#### 7.3.4 Test Setup

Please refer to Section 6.1 of this test report.

#### 7.3.5 Test Procedure

The testing follows Subclause 11.8 of ANSI C63.10. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT was operating in controlled its channel. Use the following spectrum analyzer settings: Span = the frequency band of operation RBW = 100KHz VBW  $\ge$  3\*RBW Sweep = auto Detector function = peak Trace = max hold





#### 7.3.6 Test Results

EUT:	Digital DAY/NIGHT SCOPE	Model No.:	COMPACT HD 5 - 20X
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Gavan Zhang

Test data reference attachment.





#### 7.4 DUTY CYCLE

#### 7.4.1 Applicable Standard

According to KDB 558074 D01 15.247 Meas Guidance v05r02 Section 6.

#### 7.4.2 Conformance Limit

No limit requirement.

#### 7.4.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

#### 7.4.4 Test Setup

Please refer to Section 6.1 of this test report.

#### 7.4.5 Test Procedure

a) A diode detector and an oscilloscope that together have a sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.

b) The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:

1) Set the center frequency of the instrument to the center frequency of the transmission.

2) Set RBW  $\geq$  OBW if possible; otherwise, set RBW to the largest available value.

3) Set VBW  $\geq$  RBW. Set detector = peak or average.

4) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if T  $\leq$  16.7 µs.)

Measure  $T_{total}$  and  $T_{on}$ 

Calculate Duty Cycle =  $T_{on} / T_{total}$ 

#### 7.4.6 Test Results

EUT:	Digital DAY/NIGHT SCOPE	Model No.:	COMPACT HD 5 - 20X
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Test Mode:	N/A	Test By:	N/A

#### Note:Not Applicable





#### 7.5 MAXIMUM OUTPUT POWER

#### 7.5.1 Applicable Standard

According to FCC Part 15.247(b)(3) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.3.2.3.

#### 7.5.2 Conformance Limit

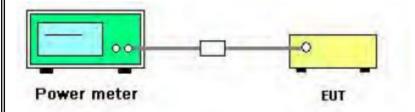
The maximum peak conducted output power of the intentional radiator for systems using digital modulation in the 2400 - 2483.5 MHz bands shall not exceed: 1 Watt (30dBm). If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

#### 7.5.3 Measuring Instruments

The following table is the setting of the power meter.

Power meter parameter	Setting
Detector	PK

#### 7.5.4 Test Setup



#### 7.5.5 Test Procedure

The testing follows Measurement Procedure Subclause 11.9.1.3 of ANSI C63.10

#### 7.5.6 EUT operation during Test

The EUT was programmed to be in continuously transmitting mode.

#### 7.5.7 Test Results

IEIII'	Digital DAY/NIGHT RIFLESCOPE	Model No.:	COMPACT HD 5 - 20X
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Gavan Zhang

Test data reference attachment.





#### 7.6 POWER SPECTRAL DENSITY

#### 7.6.1 Applicable Standard

According to FCC Part 15.247(e) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.4.

#### 7.6.2 Conformance Limit

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

#### 7.6.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

#### 7.6.4 Test Setup

Please refer to Section 6.1 of this test report.

#### 7.6.5 Test Procedure

The testing follows Measurement Procedure Subclause 11.10.2 of ANSI C63.10

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance, and is optional if the maximum conducted (average) output power was used to demonstrate compliance.

a) Set analyzer center frequency to DTS channel center frequency.

b) Set the span to 1.5 times the DTS bandwidth.

c) Set the RBW to:  $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$ .

d) Set the VBW  $\geq$  3 \*RBW.

e) Detector = peak.

f) Sweep time = auto couple.

g) Trace mode = max hold.

h) Allow trace to fully stabilize.

i) Use the peak marker function to determine the maximum amplitude level within the RBW.

j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.





#### 7.6.6 Test Results

EUT:	Digital DAY/NIGHT SCOPE	Model No.:	COMPACT HD 5 - 20X
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Gavan Zhang

Test data reference attachment.





#### 7.7 CONDUCTED BAND EDGE MEASUREMENT

#### 7.7.1 Applicable Standard

According to FCC Part 15.247(d) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.7.

#### 7.7.2 Conformance Limit

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 a radiated 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, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

#### 7.7.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

#### 7.7.4 Test Setup

Please refer to Section 6.1 of this test report.

#### 7.7.5 Test Procedure

The testing follows FCC KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.7.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.

Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

Repeat above procedures until all measured frequencies were complete.





#### 7.7.6 Test Results

EUT:	Digital DAY/NIGHT SCOPE	Model No.:	COMPACT HD 5 - 20X
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Gavan Zhang

Test data reference attachment.





#### 7.8 SPURIOUS RF CONDUCTED EMISSIONS

#### 7.8.1 Conformance Limit

1. Below -20dB of the highest emission level in operating band.

2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

#### 7.8.2 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

#### 7.8.3 Test Setup

Please refer to Section 6.1 of this test report.

#### 7.8.4 Test Procedure

The Spurious RF conducted emissions compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW=100kHz and VBW= 300KHz to measure the peak field strength, and measure frequency range from 30MHz to 25GHz.

#### 7.8.5 Test Results

Remark: The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.

Test data reference attachment.





#### 7.9 ANTENNA APPLICATION

#### 7.9.1 Antenna Requirement

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

#### 7.9.2 Result

The EUT antenna is permanent attached PCB Antenna (Gain: -1.43 dBi). It comply with the standard requirement.





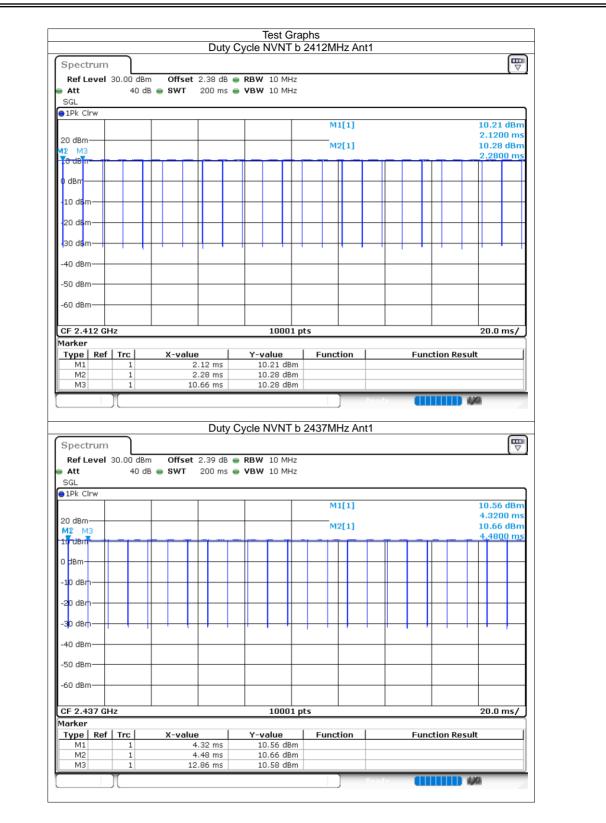
#### 8 TEST RESULTS

#### 8.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.42	0.07	0.12
NVNT	b	2437	Ant1	98.45	0.07	0.12
NVNT	b	2462	Ant1	98.47	0.07	0.12
NVNT	g	2412	Ant1	90.89	0.41	0.72
NVNT	g	2437	Ant1	90.98	0.41	0.72
NVNT	g	2462	Ant1	90.84	0.42	0.72
NVNT	n20	2412	Ant1	89.23	0.49	0.85
NVNT	n20	2437	Ant1	89.41	0.49	0.85
NVNT	n20	2462	Ant1	89.18	0.5	0.85

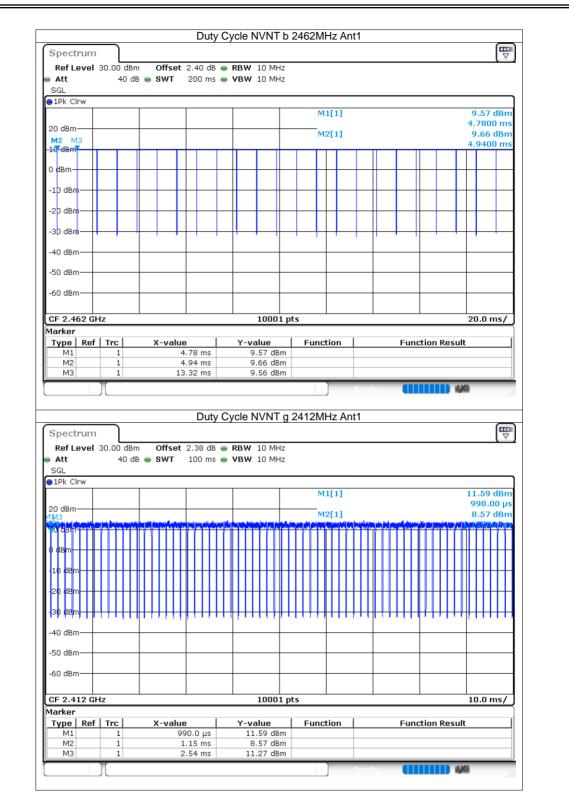






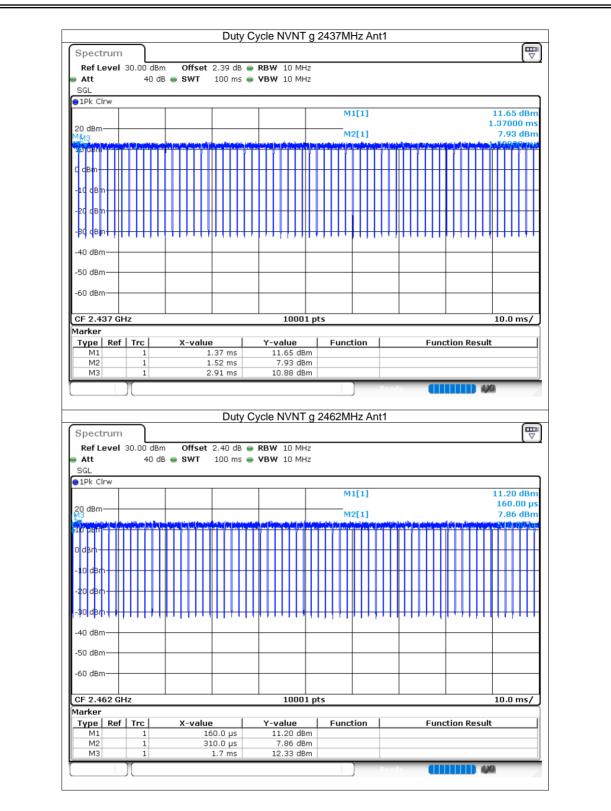






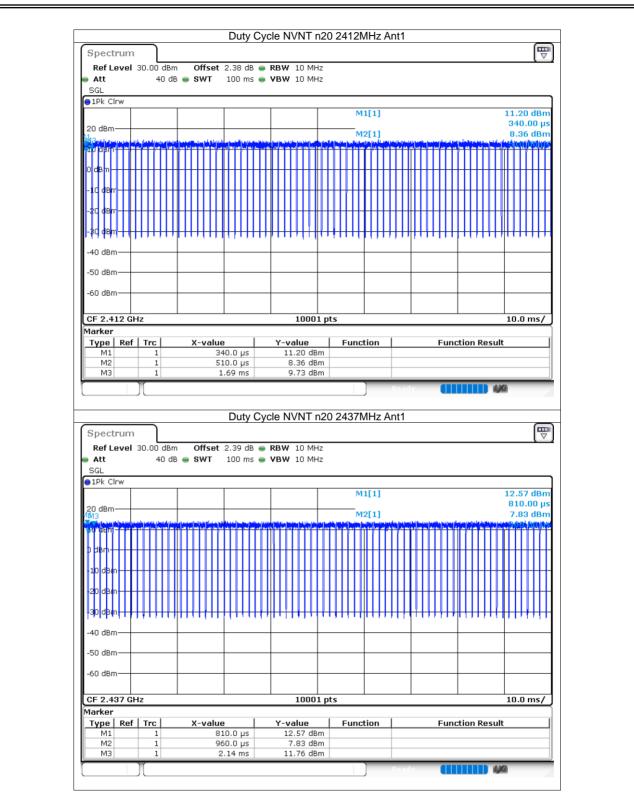






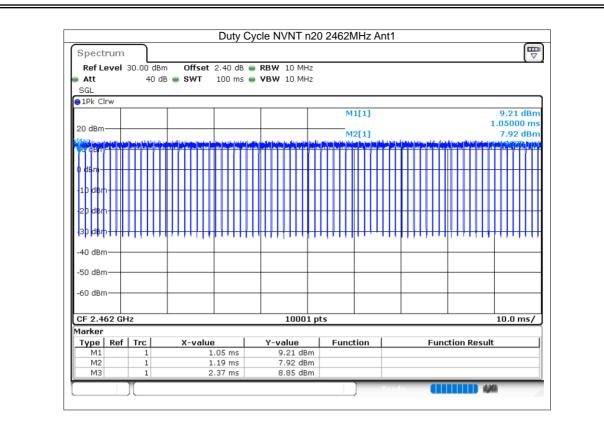
















# 8.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	9	30	Pass
NVNT	b	2437	Ant1	8.99	30	Pass
NVNT	b	2462	Ant1	8.2	30	Pass
NVNT	g	2412	Ant1	8.61	30	Pass
NVNT	g	2437	Ant1	8.19	30	Pass
NVNT	g	2462	Ant1	8.63	30	Pass
NVNT	n20	2412	Ant1	8.22	30	Pass
NVNT	n20	2437	Ant1	8.84	30	Pass
NVNT	n20	2462	Ant1	8.67	30	Pass

## 8.3 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.03	0.5	Pass
NVNT	b	2437	Ant1	9.03	0.5	Pass
NVNT	b	2462	Ant1	8.568	0.5	Pass
NVNT	g	2412	Ant1	16.527	0.5	Pass
NVNT	g	2437	Ant1	16.518	0.5	Pass
NVNT	g	2462	Ant1	16.539	0.5	Pass
NVNT	n20	2412	Ant1	17.76	0.5	Pass
NVNT	n20	2437	Ant1	17.775	0.5	Pass
NVNT	n20	2462	Ant1	17.694	0.5	Pass

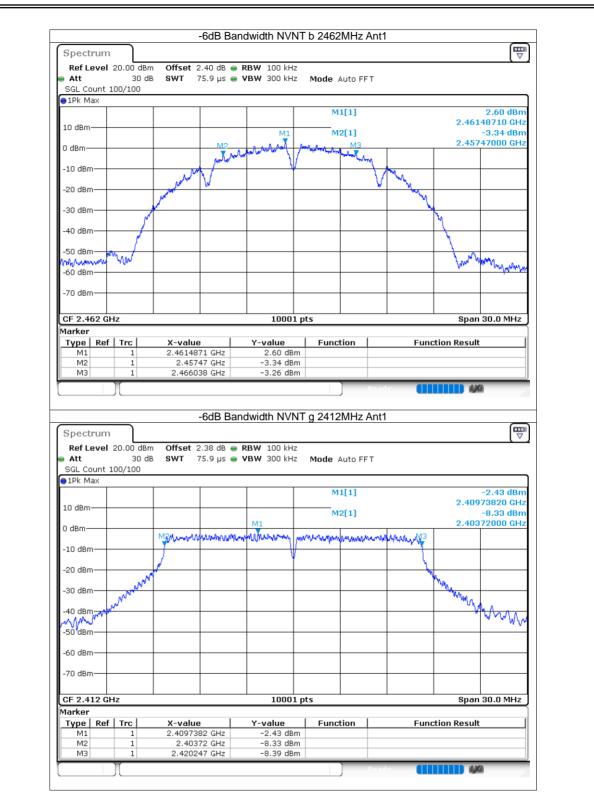
















Cont						Bandwidth		5					
Spect		L											
Ref Li Att	evel	20.00	dBm 0 dB			<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>		M					
SGL Co	unt 1			3991	79.9 H2	- YBW 30	U KH2	Mode /	AULO FF I				
olaL cc		.00/10											
								м	1[1]				-2.89 dBm
10 - 10											2		48930 GHz
10 dBm								M	2[1]				-8.85 dBm
0 dBm-					_	M1						.428	72300 GHz
				Mannah	Warner	animaplinam	intron Mari	man paniling	manutal	MR.M. ME			
-10 dBn	י			1									
-20 dBn				5			ľ			۱ <u>۱</u>			
-20 ubii	'		w.								N N		
-30 dBn	n	ANA A	N <sub>n</sub> .		_								
		www.ww										hwy.	
-40 dBn	᠈ᡔᡒᠮ	•									-	- 74	
-So'dBri	<u></u>												a Mar
-JU UDI	· T		T										
-60 dBn	η		-+								+		
-70 dBn	ד-י		+		1						+		
CF 2.4	37 G⊦	lz				1	0001 pi	ts			5	Span	30.0 MHz
Marker						1							]
Type M1	Ref	Trc 1		2 4244	ue 1893 GHz	Y-valu	ue 19 dBm	Func	tion	Fu	nction Re	esult	
M2		1			3723 GHz		5 dBm						
MЗ		1		2.445	5241 GHz	-8.8	7 dBm						
	_	1	_						<u> </u>			_	
					-6dB E	Bandwidth	NVNT	g 2462	MHz Ant	y 🚺			
Spect	rum				-6dB E	Bandwidth	NVNT	g 2462	MHz Ant	y 🚺		4)4	
		20.00	dBm	Offset		Bandwidth		g 2462	Prace 2MHz Ant1				
Ref L	evel	3	0 dB		2.40 dB		0 kHz	*					(III) (III) (III)
Ref Lo Att SGL Co	evel ount 1	3	0 dB		2.40 dB	RBW 100	0 kHz	*				1,46	
Ref L	evel ount 1	3	0 dB		2.40 dB	RBW 100	0 kHz	Mode /	Auto FFT			4,46	
Ref L Att SGL Co 1Pk M	evel ount 1 ax	3	0 dB		2.40 dB	RBW 100	0 kHz	Mode /					-4.41 dBm
Ref Lo Att SGL Co	evel ount 1 ax	3	0 dB		2.40 dB	RBW 100	0 kHz	Mode /	Auto FFT		2	.468	
Ref Lo Att SGL Co 1Pk M	evel ount 1 ax	3	0 dB		2.40 dB	RBW 100	0 kHz	Mode /	Auto FFT	IV		. <b>468</b> -	-4.41 dBm 61430 GHz
Ref L Att SGL Co 1Pk M	evel ount 1 ax	3	0 dB	SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	. <b>468</b> -	-4.41 dBm 61430 GHz 10.32 dBm
Ref Lo Att SGL Co 1Pk M 10 dBm	evel	3	0 dB	SWT	2.40 dB 75.9 µs	RBW 100	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	. <b>468</b> -	-4.41 dBm 61430 GHz 10.32 dBm
Ref Li Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBm	evel	3	0 dB	SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	. <b>468</b> -	-4.41 dBm 61430 GHz 10.32 dBm
Ref Lo Att SGL Co 1Pk M 10 dBm 0 dBm-	ount 1 ax	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	. <b>468</b> -	-4.41 dBm 61430 GHz 10.32 dBm
Ref Li Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBm	ount 1 ax	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	.468 - .453	-4.41 dBm 61430 GHz 10.32 dBm
Ref Li Att SGL Cc 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm	ount 1 ax	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	.468 - .453	-4.41 dBm 61430 GHz 10.32 dBm
Ref Li Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBm -20 dBm -30 dBm	evel	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	2.468 - 2.453	-4.41 dBm 61430 GHz 10.32 dBm 72000 GHz
Ref Li Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBm -20 dBm -30 dBm	evel	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	2.468 - 2.453	-4.41 dBm 61430 GHz 10.32 dBm 72000 GHz
Ref Li Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBm -20 dBm -30 dBm	evel	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	2.468 - 2.453	-4.41 dBm 61430 GHz 10.32 dBm
Ref Li Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBm -20 dBm -30 dBm		3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	2.468 - 2.453	-4.41 dBm 61430 GHz 10.32 dBm 72000 GHz
Ref L SGL CC 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	evel	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	2.468 - 2.453	-4.41 dBm 61430 GHz 10.32 dBm 72000 GHz
Ref Lu Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -20 dBn -30 dBn -40 dBn	evel	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	2.468 - 2.453	-4.41 dBm 61430 GHz 10.32 dBm 72000 GHz
Ref L SGL CC 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	evel	3		SWT	2.40 dB 75.9 µs	<ul> <li>RBW 100</li> <li>VBW 300</li> </ul>	0 kHz 0 kHz	Mode / M	Auto FFT 1[1] 2[1]	- M1	2	2.468 - 2.453	-4.41 dBm 61430 GHz 10.32 dBm 72000 GHz
Ref L SGL CC 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm		3 .00/100		SWT	2.40 dB 75.9 µs	RBW 100     VBW 300	0 kHz 0 kHz	Mode / M M	Auto FFT 1[1] 2[1]	- M1	2	2.468 - 2.453	-4.41 dBm 61430 GHz 10.32 dBm 72000 GHz
Ref Lu Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.44 Marker	evel	3 .00/101		SWT	2.40 dB 75.9 µs	RBW 100     VBW 300	0 kHz 0 kHz	Mode / M M M M M 	Auto FFT  1[1]  2[1]		2	2.468	-4.41 dBm 51430 GHz 10.32 dBm 72000 GHz
Ref L Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -20 dBn -30 dBn -30 dBn -40 dBn -50 dBn -70 dBn CF 2.44 Marker Type	evel	3 00/101		SWT	2.40 dB 75.9 µs	RBW 100     VBW 300		Mode / M M	Auto FFT  1[1]  2[1]		2	2.468	-4.41 dBm 51430 GHz 10.32 dBm 72000 GHz
Ref L Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.44 Marker Type M1	evel	3 00/100		SWT	2.40 dB 75.9 µs	RBW 100     VBW 300	0 kHz 0 kHz 0 kHz 0 0001 p 00001 p	Mode / M M M M M 	Auto FFT  1[1]  2[1]		2	2.468	-4.41 dBm 51430 GHz 10.32 dBm 72000 GHz
Ref L Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -20 dBn -30 dBn -30 dBn -40 dBn -50 dBn -70 dBn CF 2.44 Marker Type	evel	3 00/101		SWT	2.40 dB 75.9 µs	RBW 100     VBW 300		Mode / M M M M M 	Auto FFT  1[1]  2[1]		2	2.468	-4.41 dBm 51430 GHz 10.32 dBm 72000 GHz

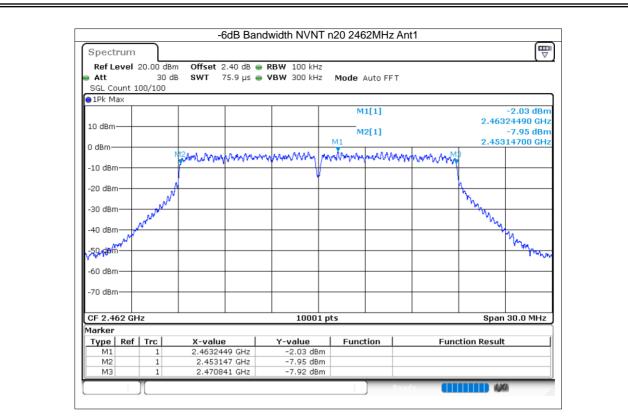




Spectrum				dwidth NVNT					
Ref Level 2 Att SGL Count 10	30 dB			<b>RBW</b> 100 kHz <b>VBW</b> 300 kHz	Mode Aut	o FFT			
∋1Pk Max	,								
					M1[1	.]			-0.03 dBm
10 dBm					M2[1	1		2.407	26050 GHz -6.00 dBm
0 dBm			M1					2.403	10200 GHz
o abiii	N	3 Mar Mar Mar	mana	manny	www.www.	wwww	Maryman		
-10 dBm									
-20 dBm		1						4	
0.0	MAR							The second	
-30 dBm	pw w							Mar Mar	
-40 dBm									W.
-50 dBm									man
-60 dBm									
-70 dBm				+					
CF 2.412 GH	z			10001	pts			Span	30.0 MHz
4arker Type   Ref	Trc	X-value	1	Y-value	Function	n l	Func	tion Result	
M1	1	2.407260	IS GHZ	-0.03 dBm	1				
M2 M3	1	2.40310		-6.00 dBm -5.99 dBm					
	1	2.12000		0155 0.51		Door			20.
									1111
		-6	dB Band	hwidth NIVNT	n20 2/37		+1		
C		-6	dB Band	dwidth NVNT	n20 2437N	/IHz An	t1		
-					n20 2437N	/Hz An	t1		
Spectrum Ref Level 2 Att	20.00 dBm 30 dB	Offset 2	.39 dB 👄	dwidth NVNT RBW 100 kHz VBW 300 kHz			t1		
Att SGL Count 10	30 dB	Offset 2	.39 dB 👄	RBW 100 kHz			t1		
Ref Level 2 Att SGL Count 10	30 dB	Offset 2	.39 dB 👄	RBW 100 kHz	Mode Aut	o FFT	t1		
Ref Level 2 Att SGL Count 10 1Pk Max	30 dB	Offset 2	.39 dB 👄	RBW 100 kHz		o FFT	t1	2.438	-0.96 dBm 448190 GHz
Ref Level 2 Att	30 dB	Offset 2	.39 dB 👄	RBW 100 kHz	Mode Auto M1[1 	o FFT	t1		-0.96 dBm 48190 GHz -6.87 dBm
Ref Level 2 Att SGL Count 10 1Pk Max	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz
Ref Level 2 Att SGL Count 10 1Pk Max 10 dBm 0 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           -10 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm
Ref Level 2 Att SGL Count 10 1Pk Max 10 dBm 0 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           -10 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           -10 dBm           -20 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm 09600 GHz
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm 09600 GHz
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm 09600 GHz
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -60 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm 09600 GHz
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -60 dBm	30 dB 00/100	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M1	o FFT .] .]			-0.96 dBm 48190 GHz -6.87 dBm 09600 GHz
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -60 dBm           -70 dBm	30 dB	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄		Mode Auto M1[1 M2[1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	o FFT .] .]		2.428	-0.96 dBm -48190 GHz -6.87 dBm 09600 GHz
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -60 dBm           -70 dBm           -70 dBm	30 dB	Offset 2 3 SWT 7	.39 dB 👄 5.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M2[1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	o FFT .] .]		2.428	-0.96 dBm 48190 GHz -6.87 dBm 09600 GHz
Ref Level         2           Att         SGL Count 10           1Pk Max         10 dBm           10 dBm         -           -10 dBm         -           -20 dBm         -           -30 dBm         -           -40 dBm         -           -70 dBm         -	30 dB 20/100 N 22 z Trc	SWT 7	.39 dB ● 5.9 µs ●	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M1 M2[1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	o FFT		2.428	-0.96 dBm 148190 GHz -6.87 dBm 09600 GHz
Ref Level 2           Att           SGL Count 10           IPk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -60 dBm           -60 dBm           -70 dBm	30 dB 20/100 N N N N N N N N N	0 Offset 2. 3 SWT 7	.39 dB ● 5.9 µs ●	RBW         100 kHz           VBW         300 kHz           MMMMMM         Image: Comparison of the second sec	Mode Auto M1[1 M2]] M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2]] M2[1 M2[1 M2[1 M2]] M2[1 M2[1 M2[1 M2]] M2[1 M2[1 M2]] M2[1 M2[1 M2]] M2[1 M2[1 M2]] M2[1 M2[1]] M2[1 M2[1]] M2[1]] M2	o FFT		2.428	-0.96 dBm 148190 GHz -6.87 dBm 09600 GHz
Ref Level         2           Att         SGL Count 10           1Pk Max         10 dBm           10 dBm         -           -10 dBm         -           -20 dBm         -           -30 dBm         -           -40 dBm         -           -70 dBm         -	30 dB 20/100 N 22 z Trc	SWT 7	.39 dB • 5.9 µs • 	RBW 100 kHz VBW 300 kHz	Mode Auto M1[1 M2]] M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2]] M2[1 M2[1 M2[1 M2[1 M2]] M2[1 M2[1 M2]] M2[1 M2[1 M2]] M2[1 M2[1 M2]] M2[1 M2[1 M2]] M2[1 M2[1 M2]] M2[1 M2[1]] M2[1 M2[1]] M2[1]] M2[1	o FFT		2.428	-0.96 dBm 148190 GHz -6.87 dBm 09600 GHz





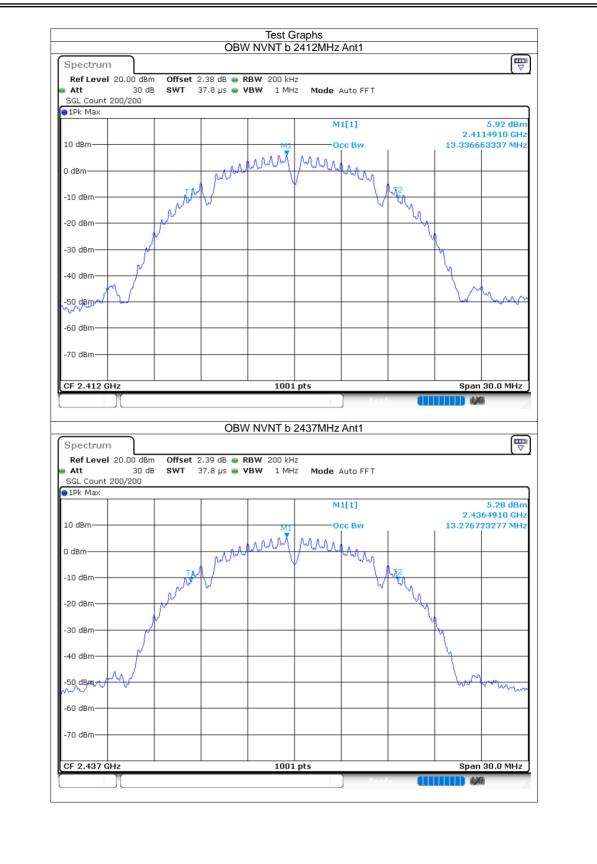


### 8.4 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.337
NVNT	b	2437	Ant1	13.277
NVNT	b	2462	Ant1	13.307
NVNT	g	2412	Ant1	16.651
NVNT	g	2437	Ant1	16.645
NVNT	g	2462	Ant1	16.495
NVNT	n20	2412	Ant1	17.614
NVNT	n20	2437	Ant1	17.629
NVNT	n20	2462	Ant1	17.707

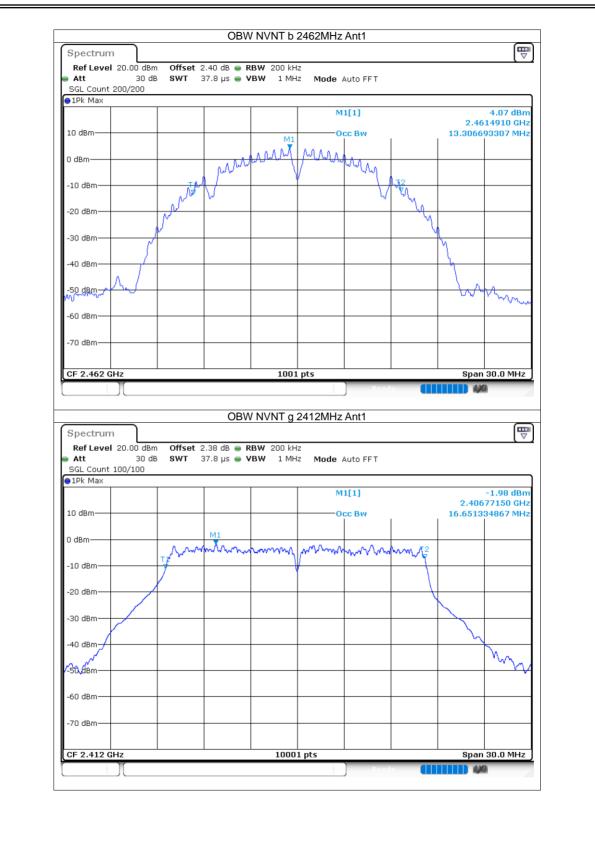






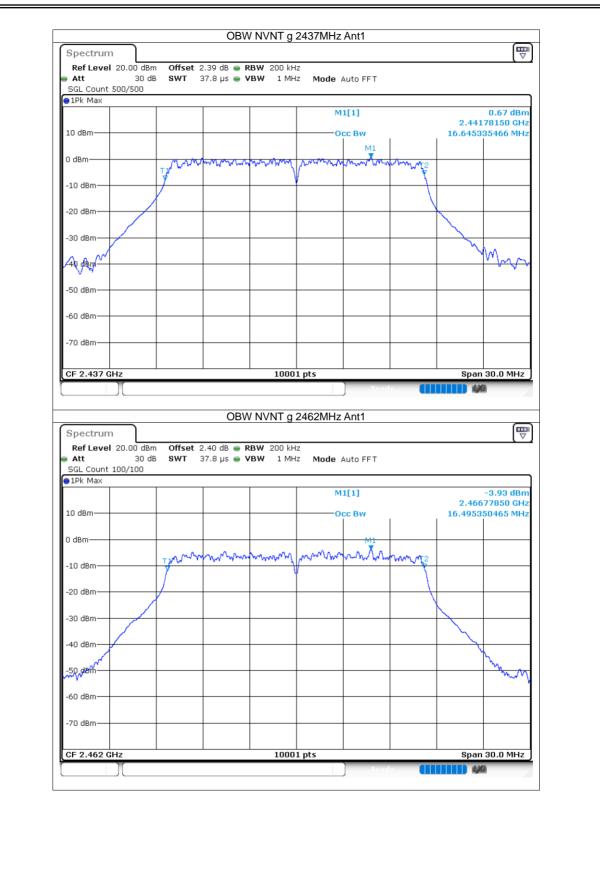






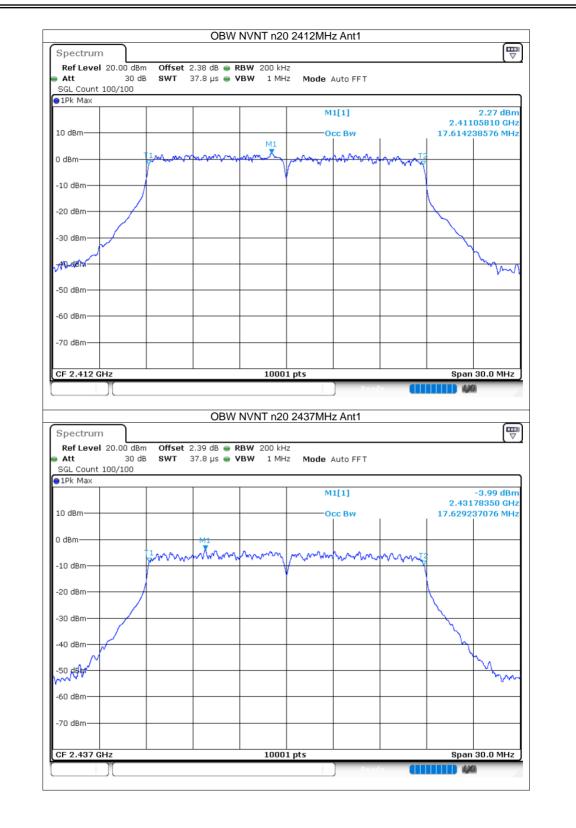
















Spectrum									
Ref Level 20	.00 dBm	Offset 2	.40 dB 😑 I	<b>RBW</b> 200 kH:	2				
Att	30 dB	SWT 3	87.8 µs 👄 '	VBW 1 MH:	2 Mode	Auto FFT			
SGL Count 100 1Pk Max	/100								
IPK Max						11[1]			0.27 dBm
						1[1]		2,463	26590 GHz
10 dBm					c	CC BW			29277 MHz
					M1				
0 dBm			- M-	0.0 0.000		0.00			
	Υ.	Nur Maria	www.ww	mon	and a second	mm	www.wa		
-10 dBm				4					
	1								
-20 dBm	/								
-30 dBm									
/									
-40 dBm									<u> </u>
~									MA
so diam									
-60 dBm									
-70 dBm						ļ			
05 0 460 0''-				1000				0	00 0 MU-
CF 2.462 GHz				1000:	i pis			span	30.0 MHz





#### Maximum Power Spectral Density Level 8.5

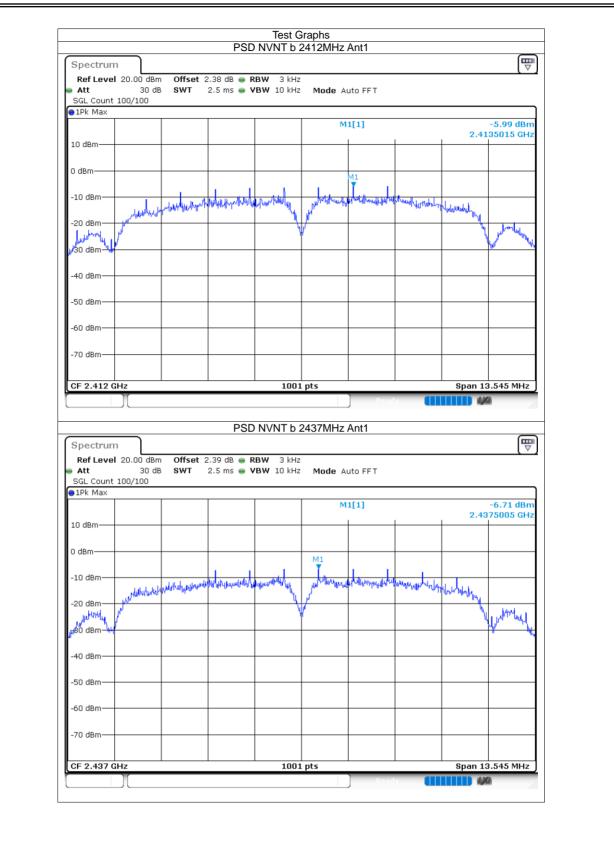
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-5.99	8	Pass
NVNT	b	2437	Ant1	-6.71	8	Pass
NVNT	b	2462	Ant1	-5.15	8	Pass
NVNT	g	2412	Ant1	-13.96	8	Pass
NVNT	g	2437	Ant1	-13.44	8	Pass
NVNT	g	2462	Ant1	-13.72	8	Pass
NVNT	n20	2412	Ant1	-15.79	8	Pass
NVNT	n20	2437	Ant1	-14.98	8	Pass
NVNT	n20	2462	Ant1	-15.45	8	Pass

ACCREDITED

Hac-M

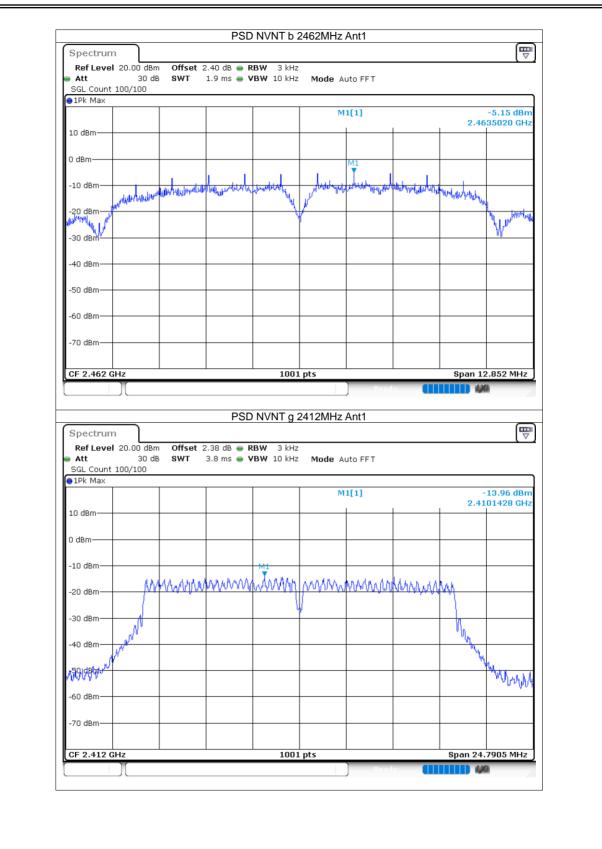






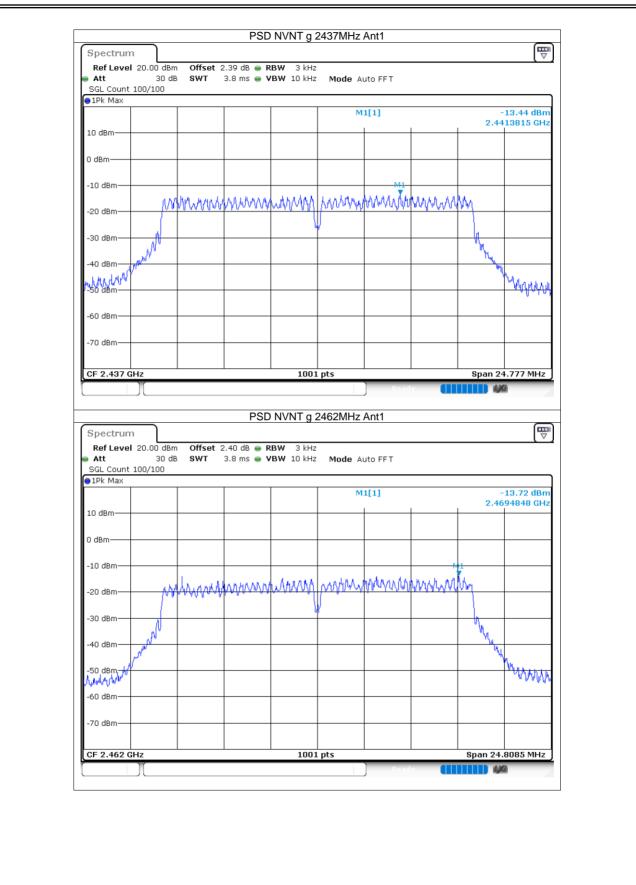






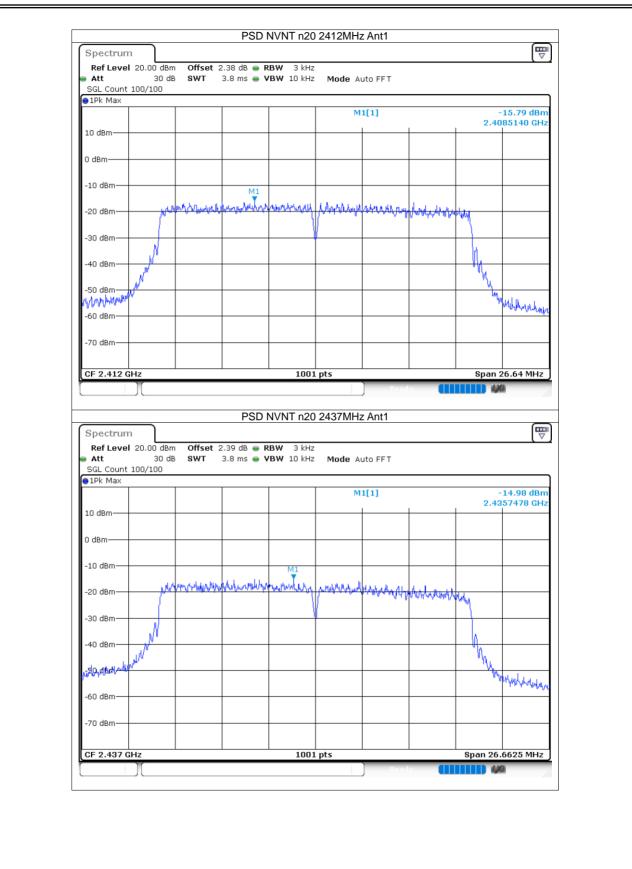






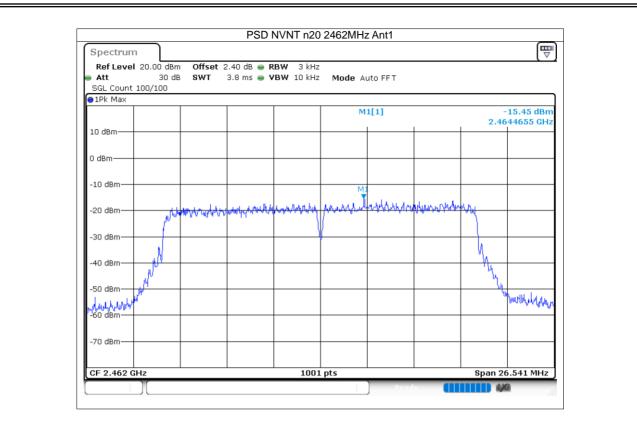










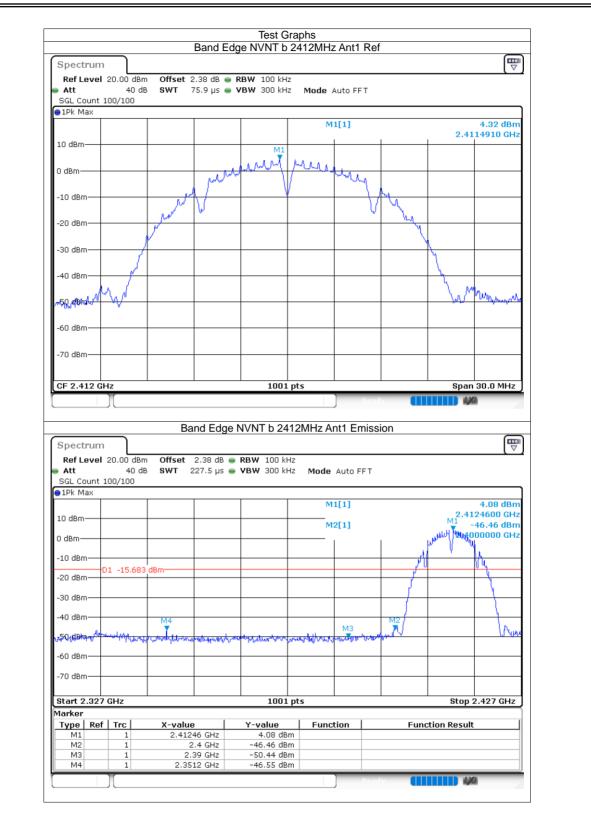


# 8.6 Band Edge

	<u></u>					
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.87	-20	Pass
NVNT	b	2462	Ant1	-58.95	-20	Pass
NVNT	g	2412	Ant1	-50.05	-20	Pass
NVNT	g	2462	Ant1	-48.36	-20	Pass
NVNT	n20	2412	Ant1	-49.2	-20	Pass
NVNT	n20	2462	Ant1	-52.23	-20	Pass

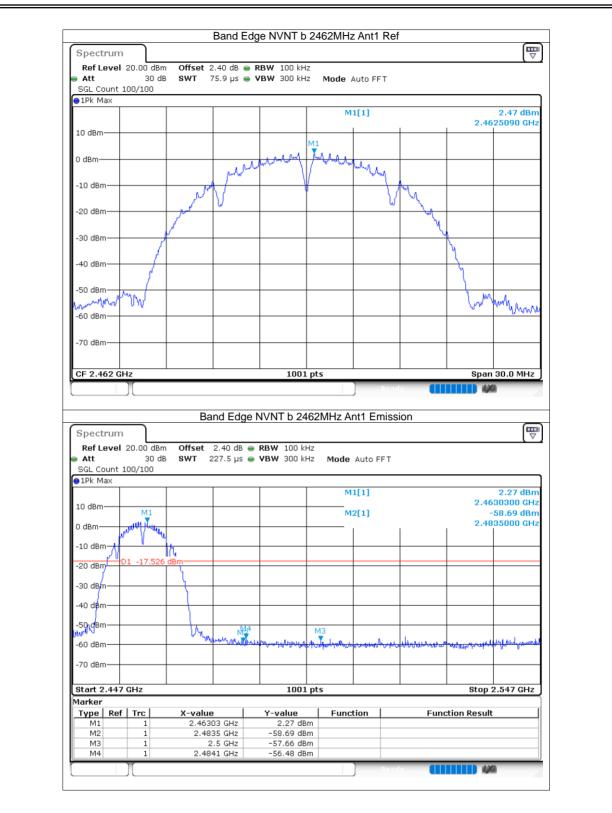












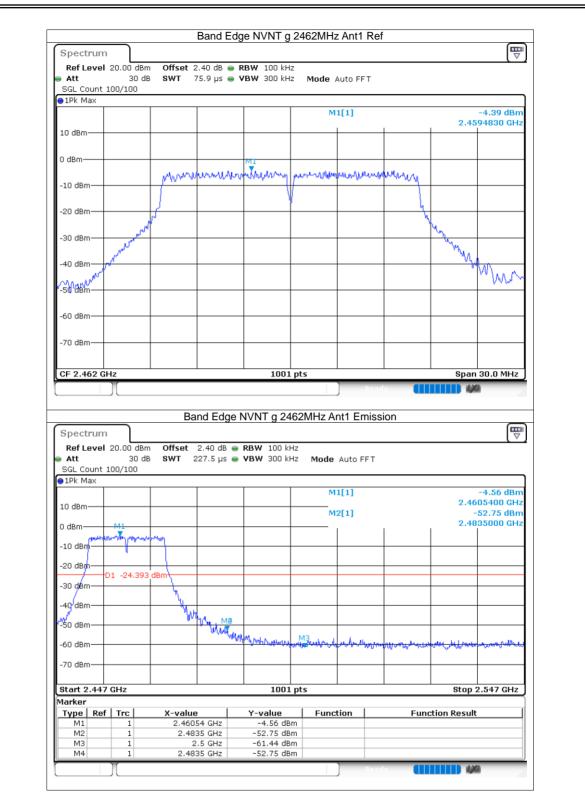




Spectrum			Edge NVNT g 24				
		off 1 **					$\nabla$
Ref Level Att	20.00 dBr 30 di	n Offset 2.38 dB	<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode Auto FFT			
SGL Count		5 <b>6</b> 61 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- TBH 300 KHZ	MODE AUTOFFI			
1Pk Max							
				M1[1]		-2.44	dBm
						2.4094830	
10 dBm-					+ +		-+
0 dBm			M1				_
		manne	minuter por	www.chillenger.com.com	March March		
-10 dBm			₩				_
		5	ľ		- L - L - L - L - L - L - L - L - L - L		
-20 dBm	٨	1					
	.MN				- N	~	
-30 dBm	M					h.	_
	MMMM					m.	
-40 dBm					+ +	hunder	. A.
v~W~w~							WV
-50 dBm							-+
-60 dBm							-+
-70 dBm					+ +		-+
CF 2.412 G	Hz		1001 pt:	5		Span 30.0 M	4Hz
	1						
		Band Ed	ae NI/NT a 2412	MHz Ant1 Emig	ssion		
		Band Edg	ge NVNT g 2412	MHz Ant1 Emis	ssion		
-			ge NVNT g 2412	MHz Ant1 Emis	ssion		
Ref Level	20.00 dBr	n <b>Offset</b> 2.38 dB	3 🖷 RBW 100 kHz				
Ref Level Att	20.00 dBr 30 dI	n <b>Offset</b> 2.38 dB					
Ref Level Att SGL Count	20.00 dBr 30 dI	n <b>Offset</b> 2.38 dB	3 🖷 RBW 100 kHz				
Ref Level Att SGL Count	20.00 dBr 30 dI	n <b>Offset</b> 2.38 dB	3 🖷 RBW 100 kHz	Mode Auto FFT		-2 10	
Ref Level Att SGL Count 1Pk Max	20.00 dBr 30 dI	n <b>Offset</b> 2.38 dB	3 🖷 RBW 100 kHz			-2.19 2.4094700	dBm
Ref Level Att SGL Count 1Pk Max	20.00 dBr 30 dI	n <b>Offset</b> 2.38 dB	3 🖷 RBW 100 kHz	Mode Auto FFT		2.4094700 -39.32	dBm GHz dBm
Ref Level Att SGL Count 1Pk Max	20.00 dBr 30 dI	n <b>Offset</b> 2.38 dB	3 🖷 RBW 100 kHz	Mode Auto FFT 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBr 30 dI	n <b>Offset</b> 2.38 dB	3 🖷 RBW 100 kHz	Mode Auto FFT 	- 	2.4094700 -39.32	dBm GHz dBm
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBr 30 dI	n <b>Offset</b> 2.38 dB	3 🖷 RBW 100 kHz	Mode Auto FFT 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level Att SGL Count IPk Max IO dBm O dBm -IO dBm -20 dBm	20.00 dBr 30 dl 100/100	n Offset 2.38 dB B SWT 227.5 μs	3 🖷 RBW 100 kHz	Mode Auto FFT 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBr 30 dI	n Offset 2.38 dB B SWT 227.5 μs	3 🖷 RBW 100 kHz	Mode Auto FFT 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level Att SGL Count IPk Max IO dBm O dBm -IO dBm -20 dBm	20.00 dBr 30 dl 100/100	n Offset 2.38 dB B SWT 227.5 μs	8 • RBW 100 kHz • VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBr 30 dl 100/100	n Offset 2.38 dB B SWT 227.5 μs	8 • RBW 100 kHz • VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	20.00 dBr 30 dl 100/100	n Offset 2.38 dB B SWT 227.5 μs	8 • RBW 100 kHz • VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	20.00 dBr 30 dl 100/100	n Offset 2.38 dB B SWT 227.5 μs	8 • RBW 100 kHz • VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	20.00 dBr 30 dl 100/100	n Offset 2.38 dB B SWT 227.5 μs	8 • RBW 100 kHz • VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -50 dBm	20.00 dBr 30 dl 100/100	n Offset 2.38 dB B SWT 227.5 μs	8 • RBW 100 kHz • VBW 300 kHz	Mode Auto FFT 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	20.00 dBr 30 dl 100/100	n Offset 2.38 dB B SWT 227.5 μs	8 • RBW 100 kHz • VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 	- 	2.4094700 -39.32 1 2.4000000	dBm GHz dBm
Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm	20.00 dBr 30 dl 100/100 D1 -22,440	n Offset 2.38 dB B SWT 227.5 μs	RBW 100 kHz     VBW 300 kHz	Mode Auto FFT	- 	2.4094700 -39.32 11 2.400000	dBm GHz GHz GHz
Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm	20.00 dBr 30 dl 100/100 D1 -22,440	n Offset 2.38 dB B SWT 227.5 μs	8 • RBW 100 kHz • VBW 300 kHz	Mode Auto FFT	- 	2.4094700 -39.32 1 2.4000000	dBm GHz GHz GHz
Ref Level           Att           SGL Count           SGL Count           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 2.327           Marker	20.00 dBr 30 dl 100/100 D1 -22.44(	n Offset 2.38 dB B SWT 227.5 µs	RBW 100 kHz     VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] S	- 	2.4094700 -39.32 11 2.4000000 Vutrative with the second se	dBm GHz GHz GHz
Ref Level           Att           SGL Count           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.327           Marker           Type	20.00 dBr 30 dl 100/100 D1 -22.440	m Offset 2.38 dB B SWT 227.5 µs	RBW 100 kHz     VBW 300 kHz	Mode Auto FFT	- 	2.4094700 -39.32 11 2.400000	dBm GHz GHz GHz
Ref Level           Att           SGL Count           SGL Count           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 2.327           Marker	20.00 dBr 30 dl 100/100 D1 -22.44(	n Offset 2.38 dB B SWT 227.5 µs	RBW 100 kHz     VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] S	- 	2.4094700 -39.32 11 2.4000000 Vutrative with the second se	dBm GHz GHz GHz
Ref Level           Att           SGL Count           SGL Count           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 2.327           Marker           Type           Ref           M1           M2           M3	20.00 dBr 30 dl 100/100 D1 -22.44( www.uw. GHz GHz 1 1 1	m Offset 2.38 dB B SWT 227.5 µs 0 dBm 0 dB	8 RBW 100 kHz 9 VBW 300 kHz 9 VBW 40 kHz <p< td=""><td>Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] S</td><td>- </td><td>2.4094700 -39.32 11 2.4000000 Vutrative with the second se</td><td>dBm GHz GHz GHz</td></p<>	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] S	- 	2.4094700 -39.32 11 2.4000000 Vutrative with the second se	dBm GHz GHz GHz
Att SGL Count SGL Count SGL Count SGL Count 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm	20.00 dBr 30 dl 100/100 D1 -22.440 Welhydra ywy GHz GHz 1 1	n Offset 2.38 dB B SWT 227.5 µs 0 dBm 0 dB	8 RBW 100 kHz 9 VBW 300 kHz 100 kHz 10 kH	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] S	- 	2.4094700 -39.32 11 2.4000000 Vutrative with the second se	dBm GHz dBm GHz
Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -70 dBm           Start 2.327           Marker           Type         Ref           M1           M2	20.00 dBr 30 dl 100/100 D1 -22.440 Welhydra ywy GHz GHz 1 1	n Offset 2.38 dB B SWT 227.5 µs 0 dBm 0 dB	8 RBW 100 kHz 9 VBW 300 kHz 100 kHz 10 kH	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] S	- 	2.4094700 -39.32 11 2.4000000 Vutrative with the second se	dBm GHz GHz GHz











Spectrum				e NVNT n20					Ē
-	' L I 20.00 dBm	Offset 2	.38 dB 👄 I	RBW 100 kHz					( <sup>∨</sup> )
Att 🗧	30 dE			<b>VBW</b> 300 kHz	Mode Au	to FFT			
SGL Count	100/100								
●1Pk Max					M1[	11			-0.24 dBm
					MT	*1		2.4	-0.24 dBm 094830 GHz
10 dBm									
				M1					
0 dBm		Malapharen	MANAN	Min Mary /	manna	mmin	www.Mm.		
10 10				T V	Pro Oq I	The Action	- W W W		
-10 dBm									
-20 dBm	م							Λ	
20 00111	گر							Jun .	
-30 dBm-								The second	
	wert							- "Va	4
-49, dBmA4	-								Man
Mamm.									hornorth
-50 dBm				+ +					Y .
-60 dBm									
-70 dBm									
-70 ubili									
CF 2.412 G	Hz			1001 p	ots		_	Spa	n 30.0 MHz
		Band	d Edge N	IVNT n20 24	12MHz Ar	t1 Emissi	on		
Spectrum						it1 Emissi	on		
Ref Level	1 20.00 dBm 30 dE	n Offset 2	2.38 dB 👄	<b>RBW</b> 100 kHz	z		on		
Ref Level Att SGL Count	l 20.00 dBm 30 dB	n Offset 2	2.38 dB 👄		z		on		
Ref Level Att SGL Count	l 20.00 dBm 30 dB	n Offset 2	2.38 dB 👄	<b>RBW</b> 100 kHz	z z <b>Mode</b> Al	uto FFT	on		
Ref Level Att SGL Count 1Pk Max	l 20.00 dBm 30 dB	n Offset 2	2.38 dB 👄	<b>RBW</b> 100 kHz	z	uto FFT	on	2.4	0.21 dBm 113700 GHz
Ref Level Att	l 20.00 dBm 30 dB	n Offset 2	2.38 dB 👄	<b>RBW</b> 100 kHz	z z <b>Mode</b> Al	uto FFT 1]	on	M1	0.21 dBm 113700 GHz -36.22 dBm
Ref Level Att SGL Count 1Pk Max	l 20.00 dBm 30 dB	n Offset 2	2.38 dB 👄	<b>RBW</b> 100 kHz	2 2 <b>Mode</b> Al M1[	uto FFT 1]	on 	M1 <b>2.4</b>	0.21 dBm 113700 GHz
Ref Level Att SGL Count 1Pk Max	l 20.00 dBm 30 dB	n Offset 2	2.38 dB 👄	<b>RBW</b> 100 kHz	2 2 <b>Mode</b> Al M1[	uto FFT 1]	on	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -10 dBm	1 20.00 dBm 30 dE 100/100	n Offset 2 3 SWT 2:	2.38 dB 👄	<b>RBW</b> 100 kHz	2 2 <b>Mode</b> Al M1[	uto FFT 1]	on Ma	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -10 dBm	l 20.00 dBm 30 dB	n Offset 2 3 SWT 2:	2.38 dB 👄	<b>RBW</b> 100 kHz	2 2 <b>Mode</b> Al M1[	uto FFT 1]	on 	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -10 dBm	1 20.00 dBm 30 dE 100/100	n Offset 2 3 SWT 2:	2.38 dB 👄	<b>RBW</b> 100 kHz	2 2 <b>Mode</b> Al M1[	uto FFT 1]	0n	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	1 20.00 dBm 30 dE 100/100	n Offset 2 3 SWT 2:	2.38 dB 👄	<b>RBW</b> 100 kHz	2 Mode An M1[ 	1]	Mr.m	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	1 20.00 dBm 30 dE 100/100	n Offset 2 3 SWT 2:	2.38 dB 👄	<b>RBW</b> 100 kHz	2 Mode An M1[ 	1]	Mr.m	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	1 20.00 dBm 30 dE 100/100	dBm	2.38 dB • 27.5 µs •	RBW         100 kHz           VBW         300 kHz	2 Mode Ar	1]	Mr.m	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	1 20.00 dBm 30 dE 100/100	dBm	2.38 dB • 27.5 µs •	<b>RBW</b> 100 kHz	2 Mode Ar	1]	Mr.m	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	1 20.00 dBm 30 dE 100/100	dBm	2.38 dB • 27.5 µs •	RBW         100 kHz           VBW         300 kHz	2 Mode Ar	1]	Mr.m	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm	1 20.00 dBm 30 dE 100/100	dBm	2.38 dB • 27.5 µs •	RBW         100 kHz           VBW         300 kHz	2 Mode Ar	1]	Mr.m	M1 <b>2.4</b>	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm	D1 -20.240	dBm	2.38 dB • 27.5 µs •	RBW         100 kHz           VBW         300 kHz	2 2 Mode Ar	1]	Mr.m	M1 2.4 Artuchty 1-5 mp	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.32           Marker	D1 -20.240	dBm	2.38 dB ● 27.5 µs ●	RBW         100 kH;           VBW         300 kH;	2 Mode Ar M1[ M2[ 	uto FFT	1014 1014	M1 2.4	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           910 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.322           Marker           Type	20.00 dBr 30 dE 100/100 D1 -20.240	dBm	2.38 dB ● 27.5 µs ●	RBW         100 kH;           VBW         300 kH;           Image: state st	2 Mode An M1[ M2[ 	uto FFT	1014 1014	M1 2.4 Artuchty 1-5 mp	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           9 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.32           Marker           Type           M1           M2	20.00 dBr 30 dE 100/100 D1 -20.240	dBm K-value 2.4113 2.	2.38 dB ● 27.5 µs ●	RBW         100 kH;           VBW         300 kH;           J         300 kH;           J         100 kH;           J         0.21 dBm;           -36.22 dBm;         -36.22 dBm;	2 Mode Ar M1[ M2[ 	uto FFT	1014 1014	M1 2.4	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz
Ref Level           Att           SGL Count           110 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	1 20.00 dBr 30 dE 100/100 D1 -20.240	dBm dBm cuti <sup>4</sup> -multi	2.38 dB 27.5 µs	RBW         100 kH;           VBW         300 kH;           Image: state st	2 Mode Ar M1[ M2[ 	uto FFT	1014 1014	M1 2.4	0.21 dBm 113700 GHz -36.22 dBm 000000 GHz





Spectrun	n								
Ref Leve Att SGL Count	20.00 dBn 30 dB			RBW 100 kHz VBW 300 kHz		uto FFT			
●1Pk Max	,								
					MI	[1]		2 46	-1.90 dBm 32590 GHz
10 dBm								2.40	02090 0112
					М1				
0 dBm		0	a Maria	mound			الم م ما		
-10 dBm		provide and	V-Vuo voi	and and and	~ 0 0 0 × ~ wh	ango and	10 million		
10 0000				I V					
-20 dBm		r <mark> </mark>						λ	
	المم							May	
-30 dBm	, North							A Wy	
-40 dBm	Jan 199							No.	
and a second									Mm
-50 dBm-									WVN,
-60 dBm									
-00 uBM									
-70 dBm									
CF 2.462 0	GHz			1001	pts			Spar	30.0 MHz
		Ban	d Edae N	VNT n20 2	462MHz A	nt1 Emis	sion		
Spectrun			d Edge N	1VNT n20 24	462MHz A	nt1 Emis	sion		
Ref Leve	l 20.00 dBn	n Offset	2.40 dB 🖷	• <b>RBW</b> 100 kH	Iz		sion		
Ref Leve	20.00 dBn 30 dB	n Offset	2.40 dB 🖷		Iz		sion		
Ref Leve Att SGL Count	20.00 dBn 30 dB	n Offset	2.40 dB 🖷	• <b>RBW</b> 100 kH	iz iz <b>Mode</b>	Auto FF T	sion		
Ref Leve Att SGL Count 1Pk Max	20.00 dBn 30 dB	n Offset	2.40 dB 🖷	• <b>RBW</b> 100 kH	iz iz <b>Mode</b>		sion	2.46	-1.81 dBm 513400 GHz
Ref Leve Att SGL Count 1Pk Max	20.00 dBn 30 dB	n Offset	2.40 dB 🖷	• <b>RBW</b> 100 kH	iz iz Mode Mi	Auto FF T	sion	-	-1.81 dBm 513400 GHz -56.28 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBn 30 df 100/100	n Offset B SWT 2	2.40 dB 🖷	• <b>RBW</b> 100 kH	iz iz Mode Mi	Auto FFT	sion	-	-1.81 dBm 513400 GHz
Ref Leve Att SGL Count 1Pk Max 10 dBm	20.00 dBn 30 dE 100/100	n Offset B SWT 2	2.40 dB 🖷	• <b>RBW</b> 100 kH	iz iz Mode Mi	Auto FFT	sion	-	-1.81 dBm 513400 GHz -56.28 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm	1 20.00 dBn 30 df 100/100 M1 มหม่อน ที่เม่นว	n Offset B SWT 2	2.40 dB 🖷	• <b>RBW</b> 100 kH	iz iz Mode Mi	Auto FFT	sion	-	-1.81 dBm 513400 GHz -56.28 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm	1 20.00 dBn 30 df 100/100 M1 มหม่อน ที่เม่นว	n Offset B SWT 2	2.40 dB 🖷	• <b>RBW</b> 100 kH	iz iz Mode Mi	Auto FFT	sion	-	-1.81 dBm 513400 GHz -56.28 dBm
Ref Leve Att SGL Count 10 dBm	1 20.00 dBn 30 df 100/100 M1 มหม่อน ที่เม่นว	n Offset B SWT 2	2.40 dB 🖷	• <b>RBW</b> 100 kH	iz iz Mode Mi	Auto FFT	sion	-	-1.81 dBm 513400 GHz -56.28 dBm
Ref Leve           Att         SGL Count           SGL Count         10 dBm           10 dBm         -0 dBm           -10 dBm	1 20.00 dBn 30 df 100/100 M1 มหม่อน ที่เม่นว	n Offset B SWT 2	2.40 dB 227.5 μs	RBW 100 k-     VBW 300 k-	iz iz Mode Mi	Auto FFT	sion	-	-1.81 dBm 513400 GHz -56.28 dBm
Ref Leve           Att         SGL Count           SGL Count         10 dBm           10 dBm         -0 dBm           -10 dBm	1 20.00 dBn 30 df 100/100 M1 มหม่อน ที่เม่นว	n Offset B SWT 2	2.40 dB 227.5 μs	RBW 100 k-     VBW 300 k-	IZ Mode M3 M2 M2	Auto FFT	sion	2.46	-1.81 dBm 13400 GHz 56.28 dBm 35000 GHz
Ref Leve Att SGL Count 10 dBm	1 20.00 dBn 30 df 100/100 M1 มหม่อน ที่เม่นว	n Offset B SWT 2	2.40 dB 227.5 μs	• <b>RBW</b> 100 kH	iz iz Mode Mi	Auto FFT	sion	2.46	-1.81 dBm 513400 GHz -56.28 dBm
Ref Leve           Att           SGL Count           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	1 20.00 dBn 30 df 100/100 M1 มหม่อน ที่เม่นว	n Offset B SWT 2	2.40 dB 227.5 μs	RBW 100 k-     VBW 300 k-	IZ Mode M3 M2 M2	Auto FFT		2.46	-1.81 dBm 13400 GHz 56.28 dBm 35000 GHz
Ref Leve           Att           SGL Count           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	1 20.00 dBn 30 dE 100/100 M1 มหมในข้า ปัญหา D1 -21.897	n Offset B SWT 2	2.40 dB 227.5 μs	RBW         100 kH           VBW         300 kH	M3	Auto FFT		2.48	-1.81 dBm 513400 GHz 56.28 dBm 335000 GHz
Ref Leve           Att         SGL Count           SGL Count         10 dBm           10 dBm         10 dBm           -10 dBm         10 dBm           -20 dBm         -30 dBm           -30 dBm         -40 dBm           -50 dBm         -60 dBm           -70 dBm         -70 dBm	1 20.00 dBn 30 dE 100/100 M1 มหมในข้า ปัญหา D1 -21.897	n Offset B SWT 2	2.40 dB 227.5 μs	RBW 100 k-     VBW 300 k-	M3	Auto FFT		2.48	-1.81 dBm 13400 GHz 56.28 dBm 35000 GHz
Ref Leve           Att           SGL Count           9 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.44           Marker	1 20.00 dBn 30 dE 100/100 M1 มหมในข้า ปัญหา D1 -21.897	n Offset B SWT 2	2.40 dB 227.5 μs	RBW         100 kH           VBW         300 kH	M3	Auto FFT		2.48	-1.81 dBm 513400 GHz 56.28 dBm 35000 GHz
Ref Leve           Att           SGL Count           9 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.44           Marker           Type         Re           M1	1 20.00 dBn 30 df 100/100 M1 Jundor Muliper D1 -21.897 7 GHz f Trc 1	n Offset B SWT 2	2.40 dB 227.5 µs 227.5 µs 227	RBW         100 kH           VBW         300 kH	iz Mode	Auto FFT		2.4٤ بېرېږې مليمين Stop	-1.81 dBm 513400 GHz 56.28 dBm 35000 GHz
Ref Leve           Att           SGL Count           91Pk Max           10 dBm           0 dBm           -10 dB m           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.44           Marker           Type         Re	1 20.00 dBn 30 df 100/100 M1 سیاسی الارایی D1 -21.897 D1 -21.897	n Offset B SWT 2	2.40 dB 227.5 μs 227.5 μs	RBW         100 kH           VBW         300 kH	IZ Mode M3 M2 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	Auto FFT		2.4٤ بېرېږې مليمين Stop	-1.81 dBm 513400 GHz 56.28 dBm 35000 GHz



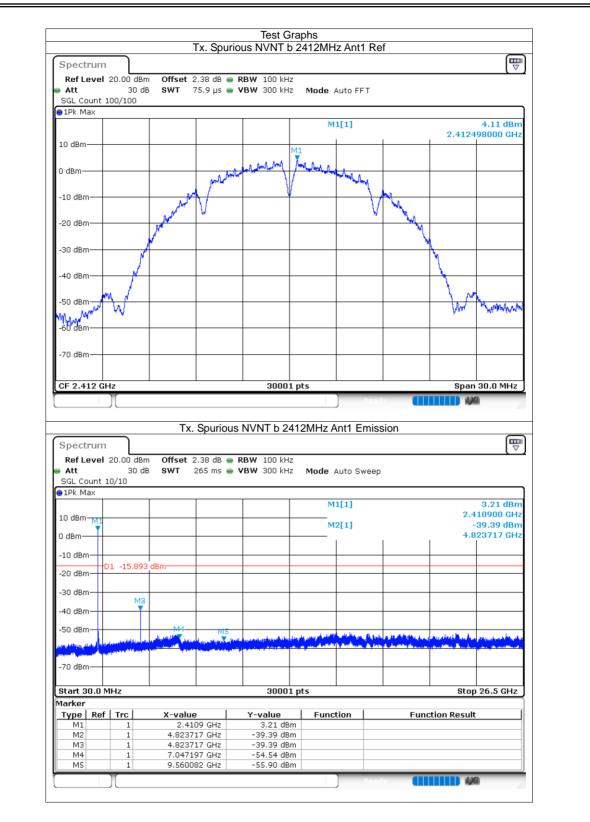


# 8.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-43.49	-20	Pass
NVNT	b	2437	Ant1	-44.48	-20	Pass
NVNT	b	2462	Ant1	-44.26	-20	Pass
NVNT	g	2412	Ant1	-48.25	-20	Pass
NVNT	g	2437	Ant1	-48.14	-20	Pass
NVNT	g	2462	Ant1	-46.1	-20	Pass
NVNT	n20	2412	Ant1	-50.52	-20	Pass
NVNT	n20	2437	Ant1	-51	-20	Pass
NVNT	n20	2462	Ant1	-48.42	-20	Pass

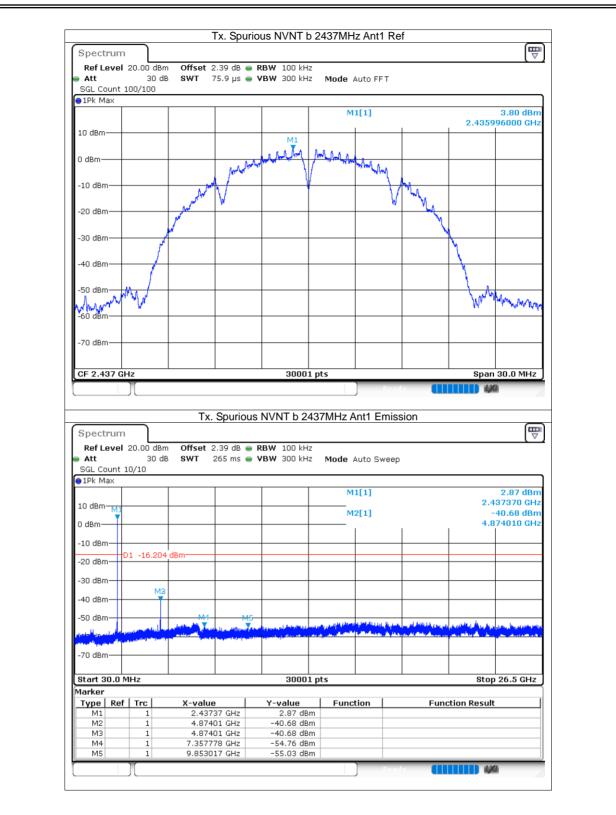






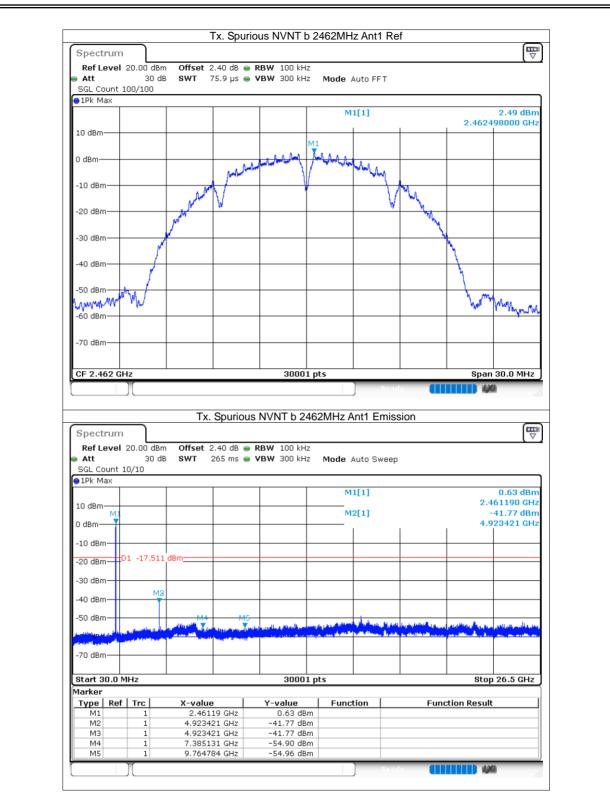
















Spectrun									
Ref Leve	L 20.00			• RBW 100 kH					(v)
Att		DdB SWT	75.9 µs 🧉	• <b>VBW</b> 300 kH	z Mode A	uto FFT			
SGL Count	100/100	J							
un kinda					MI	[1]			-2.61 dBm
								2.41	05010 GHz
10 dBm									
0 dBm				M1					
		Malan	A HABAR WILL	Manageran	palarmanaparap	mon all and	mulining		
-10 dBm—									
		1					4		
-20 dBm—		J.					- h		
	<u>س</u>	A C						Mu	
-30 dBm—	and the second							- Man	
10 15	N							W MA	. I
-40 dBm									WWWWW
N									~ v W
-50 dBm									
-60 dBm									
-00 ubiii									
-70 dBm									
-70 ubili									
CF 2.412 (	GHz			1001	pts			Span	30.0 MHz
			Tx. Spuriou	us NVNT g 2	412MHz A	nt1 Emis	ssion		
Spectrun	n	•	Tx. Spuriou	us NVNT g 2	412MHz A	nt1 Emis	ssion		-
Ref Leve	L 20.00	dBm Offse	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z				
Ref Leve Att	L 20.00 31		et 2.38 dB 🖷		z				
Ref Leve Att SGL Count	L 20.00 31	dBm Offse	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z				
Ref Leve Att	L 20.00 31	dBm Offse	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z <b>Mode</b> A	uto Swee			
Ref Leve Att SGL Count 1Pk Max	L 20.00 31	dBm Offse	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z Mode A M1	uto Swee [1]			-2.89 dBm 2.3970 GHz
Ref Leve Att SGL Count 1Pk Max	L 20.00 31	dBm Offse	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z Mode A M1	uto Swee		-	-2.89 dBm 2.3970 GHz ·50.87 dBm
Ref Leve Att SGL Count 1Pk Max	L 20.00 31	dBm Offse	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z Mode A M1	uto Swee [1]		-	-2.89 dBm 2.3970 GHz
Ref Leve Att SGL Count 1Pk Max	L 20.00 31	dBm Offse	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z Mode A M1	uto Swee [1]		-	-2.89 dBm 2.3970 GHz ·50.87 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm- 0 dBm- 10 dBm- 20 dBm-	1 20.00 31 10/10	dBm Offse O dB SWT	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z Mode A M1	uto Swee [1]		-	-2.89 dBm 2.3970 GHz ·50.87 dBm
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm	1 20.00 31 10/10	dBm Offse	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z Mode A M1	uto Swee [1]		-	-2.89 dBm 2.3970 GHz ·50.87 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm- 0 dBm- 10 dBm- 20 dBm-	1 20.00 31 10/10	dBm Offse O dB SWT	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z Mode A M1	uto Swee [1]		-	-2.89 dBm 2.3970 GHz ·50.87 dBm
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm	1 20.00 31 10/10	dBm Offse O dB SWT	et 2.38 dB 🖷	• <b>RBW</b> 100 kH	z z Mode A M1	uto Swee [1]		-	-2.89 dBm 2.3970 GHz ·50.87 dBm
Main         Main           10 dBm         10 dBm           10 dBm         10 dBm           -10 dBm         -20 dBm           -30 dBm         -40 dBm	01 20.00 31 10/10	dBm Offse D dB SWT	et 2.38 dB 265 ms	RBW 100 kH	Z Mode A	(1) (1) (1) (1)	P	10	-2.89 dBm 2.3970 GHz ·50.87 dBm
Mef Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	01 20.00 31 10/10	dBm Offse D dB SWT	et 2.38 dB 265 ms	RBW 100 kH	Z Mode A	(1) (1) (1) (1)		10	-2.89 dBm 2.3970 GHz ·50.87 dBm
Main         Main           10 dBm         10 dBm           10 dBm         10 dBm           -10 dBm         -20 dBm           -30 dBm         -40 dBm	01 20.00 31 10/10	dBm Offse D dB SWT	et 2.38 dB 🖷	RBW 100 kH	Z Mode A	(1) (1) (1) (1)	P	10	-2.89 dBm 2.3970 GHz ·50.87 dBm
Mef Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	01 20.00 31 10/10	dBm Offse D dB SWT	et 2.38 dB 265 ms	RBW 100 kH	Z Mode A	(1) (1) (1) (1)	P	10	-2.89 dBm 2.3970 GHz ·50.87 dBm
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	01 20.00 31 10/10	dBm Offse D dB SWT	et 2.38 dB 265 ms	RBW 100 kH	Z Mode A	(1) (1) (1) (1)	P	10	-2.89 dBm 2.3970 GHz ·50.87 dBm
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	1 20.00 31 10/10	dBm Offse D dB SWT	et 2.38 dB 265 ms	RBW 100 kH	z Mode ۸ M1 	(1) (1) (1) (1)	P	10	-2.89 dBm 2.3970 GHz ·50.87 dBm
Mail         Mail           SGL Count         SGL Count           1Pk Max         10 dBm           10 dBm         10 dBm           -10 dBm         -10 dBm           -20 dBm         -30 dBm           -30 dBm         -50 dBm           -50 dBm         -70 dBm	1 20.00 31 10/10	dBm Offse D dB SWT	et 2.38 dB 265 ms	RBW 100 kH     VBW 300 kH	z Mode ۸ M1 	(1) (1) (1) (1)	P	10	-2.89 dBm 2.3970 GHz 50.87 dBm 6.3885 GHz
Ref Leve           Att           SGL Count           91Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 30.0           Marker           Type	E 20.00 31 10/10 ED1 -22.	dBm Offse D dB SWT	et 2.38 dB 265 ms 265 ms 4	RBW 100 kH	2 Mode ۸ ۲ Mi ۲ Mi ۲ Mi ۲ Mi ۲ Mi ۲ Mi ۲ Mi ۲ Mi	uto Swee [1] [1] [1] [1] [1]	P	10	-2.89 dBm 2.3970 GHz 50.87 dBm 6.3885 GHz գրա,Իպտ <sup>ե</sup> ահե
Ref Leve           Att           SGL Count           IO dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -70 dBm           -70 dBm           Start 30.0           Marker           Type         Re           M1	D1 -22.	dBm Offse D dB SWT	et 2.38 dB 265 ms 265 ms 4	RBW 100 kH     VBW 300 kH     VBW 300 kH     U	2 Mode A M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	uto Swee [1] [1] [1] [1] [1]	P	- 10 	-2.89 dBm 2.3970 GHz 50.87 dBm 6.3885 GHz գրա,Իպտ <sup>ե</sup> ահե
Ref Leve           Att           SGL Count           91Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 30.0           Marker           Type	E 20.00 31 10/10 ED1 -22.	dBm Offse D dB SWT	et 2.38 dB 265 ms 265 ms 4	RBW 100 kH	2 Z Mode A M1 M2 M2 M2 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	uto Swee [1] [1] [1] [1] [1]	P	- 10 	-2.89 dBm 2.3970 GHz 50.87 dBm 6.3885 GHz գրա,Իպտ <sup>ե</sup> ահե
Ref Leve           Att           SGL Count           SGL Count           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 30.0           Marker           Type         Re           M1           M2           M3           M4	MHz f Trc 1 10/10 T 10/10 T 1 1 1 1 1 1 1	dBm Offse D dB SWT 613 dBm 613 dBm M3 M3 X-vd 16 4 7	et 2.38 dB 265 ms 265 ms 4	RBW         100 kH           VBW         300 kH	2 2 Mode A M1 M2 M2 	uto Swee [1] [1] [1] [1] [1]	P	- 10 	-2.89 dBm 2.3970 GHz 50.87 dBm 6.3885 GHz գրա,Իպտ <sup>ե</sup> ահե
Ref Leve           Att           SGL Count           SGL Count           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -70 dBm           Start 30.0           Marker           Type           M1           M2           M3	E 20.00 31 10/10 E 22. E 22. MHz F Trc 1 1 1 1	dBm Offse D dB SWT 613 dBm 613 dBm M3 M3 X-vd 16 4 7	et 2.38 dB 265 ms 265 ms 4	RBW 100 kH	2 2 Mode A M1 M2 M2 	uto Swee [1] [1] [1] [1] [1]	۵ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲	- 10 	-2.89 dBm 2.3970 GHz 50.87 dBm 6.3885 GHz





C	haar een -				urious NVNT g					Ē
Spect										√
Ref L	evel	20.00 0			<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode Aut				
	ount	100/100		79.9 µ5	- + D + 4 300 KHZ	Mode Aut	.0 FF 1			
OIPk M		100, 100								
-						M1[1	1			-2.98 dBm
									2.43	344830 GHz
10 dBm	<u>ا</u> —۱									
0 dBm-			_	_	M1					
			March	mound	removed in a provide the second of the second se	menorgenpro	munum	HUM MO		
-10 dBr	n —					-				
					¥ V					
-20 dBr	n		/					<u> </u>		
20 00.	"		J.					٦	h.	
		0	N°						M.	
-30 dBr	"	Mark							Man.	
		NN'							- Marth	
-40 dBr	/YY	~								MA No.
Jame	N									" hand
-Số dBr	n-+									
-60 dBr	n									
-70 dBr	n		_							
CF 2.4	37 G	Hz			1001 p	ots			Spar	n 30.0 MHz
Spect	trum		T	x. Spuric	ous NVNT g 24:	37MHz Ant	Peads 1 Emissi	ion	4	•
-		20.00			ous NVNT g 24:	37MHz Ant	Reads	ion		
Ref L Att	.evel	20.00 d 30		2.39 dB				ion		
Ref L Att SGL C	evel	20.00 d 30	IBm Offset	2.39 dB	● <b>RBW</b> 100 kHz			ion		
Ref L Att	evel	20.00 d 30	IBm Offset	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		
Ref L Att SGL C	ount : lax	20.00 d 30	IBm Offset	2.39 dB	● <b>RBW</b> 100 kHz		o Sweep	ion		-2.99 dBm
Ref L Att SGL C	ount : lax	20.00 d 30	IBm Offset	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		-2.99 dBm 2.4500 GHz
Ref L SGL C 1Pk M	ount : lax	20.00 d 30	IBm Offset	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		-2.99 dBm
Ref L SGL C 1Pk M 10 dBm 0 dBm-	ount : lax M1	20.00 d 30	IBm Offset	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L SGL C 1Pk M	ount : lax M1	20.00 d 30	IBm Offset	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L Att SGL C 1Pk M 10 dBm 0 dBm- -10 dBr	evel	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L Att SGL C PR M 10 dBm 0 dBm- -10 dBr -20 dBr	evel	20.00 c 30 10/10	IBm Offset	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L Att SGL C 1Pk M 10 dBm 0 dBm- -10 dBr	evel	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L SGL C 1Pk M 10 dBm -10 dBm -20 dBr -30 dBr	n	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion		-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L Att SGL C PR M 10 dBm 0 dBm- -10 dBr -20 dBr	n	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB	● <b>RBW</b> 100 kHz	Mode Aut	o Sweep	ion	2	-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L SGL C 1Pk M 10 dBm -10 dBm -20 dBr -30 dBr	evel	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz	Mode Aut	L]		2 	-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBr -30 dBr -30 dBr -50 dBr	evel	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB 265 ms	● <b>RBW</b> 100 kHz	Mode Aut	L]		2 	-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L Att SGL C 1Pk M 10 dBm 0 dBm- -10 dBm -20 dBr -30 dBr -40 dBr	evel	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz	Mode Aut	L]		2 	-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBr -30 dBr -30 dBr -50 dBr	n n n n n n	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz	Mode Aut	L]		2 	-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L SGL C ● 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBr -30 dBr -30 dBr -50 dBr -50 dBr -50 dBr -70 dBr	n n n n n n n n n n n n n n n n n n n	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz	Mode Aut	L]		2 	-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L Att SGL CC 1Pk M 10 dBm- 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm	n n n n n n n n n n n n n n n n n n n	20.00 c 30 10/10	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz	Mode Aut	L]		2 M2	-2.99 dBm 2.4500 GHz -51.13 dBm
Ref L SGL C 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start C	evel ount : :	20.00 c 30 10/10 01 -22.9	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz	Mode Aut	о Sweep L] L]	Juryhalow The day h	2 M2 M <sup>2</sup>	-2.99 dBm 2.4500 GHz
Ref L SGL C 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -40 dBm -50 dBm -70 dBm	evel ount : lax M3 n n n f ( n n f ( n n f ( f ) f )	20.00 c 30 10/10 01 -22.9	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz	Mode Aut	о Sweep L] L]	Juryhalow The day h	2 M2	-2.99 dBm 2.4500 GHz
Ref L SGL C ● 1Pk M 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm	evel	20.00 c 30 10/10 01 -22.9 01 -22.9 01 01 -22.9 01 -21.9 01 -21.9 0	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz      VBW 300 kHz      VBW     100 kHz      VBW     VBW	Mode Aut M1[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2] M2[1 M2[1 M2] M2[1 M2[1 M2] M2[1 M2] M2[1 M2] M2[1 M2] M2[1 M2] M2[1 M2] M2[1 M2] M2] M2[1 M2] M2] M2] M2[1 M2] M2] M2] M2] M2] M2] M2] M2]	о Sweep L] L]	Juryhalow The day h	2 M2 M <sup>2</sup>	-2.99 dBm 2.4500 GHz
Ref L SGL C SGL C 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -50 dBm -70 dBm Start 3 Marker Type M1 M2	evel ount :: lax 	20.00 c 30 10/10 01 -22.5 MHz MHz	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz	Mode Aut	о Sweep L] L]	Juryhalow The day h	2 M2 M <sup>2</sup>	-2.99 dBm 2.4500 GHz
Ref L SGL C ● 1Pk M 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm	evel	20.00 c 30 10/10 01 -22.9 01 -22.9 01 01 -22.9 01 -21.9 01 -21.9 0	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz      VBW 300 kHz      VBW     100 kHz      VBW     VBW	Mode Aut	о Sweep L] L]	Juryhalow The day h	2 M2 M <sup>2</sup>	-2.99 dBm 2.4500 GHz
Ref L SGL C 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -40 dBm -70 dBm -70 dBm -70 dBm Type M1 M2 M3	evel	20.00 c 30 10/10 01 -22.9 MHz MHz Trc 1 1 1	IBm Offset dB SWT	2.39 dB 265 ms	RBW 100 kHz     VBW 300 kHz      VBW 300 kHz      VBW     300 kHz      VBW     100 tHz      T	Mode Aut	о Sweep L] L]	Juryhalow The day h	2 M2 M <sup>2</sup>	-2.99 dBm 2.4500 GHz





Spect	rum				ious NVNT (					E
		' L 20.00 dB	m Offset 2	2.40 dB 👄	RBW 100 kH	z				(⊻.
🛛 Att		30 0			<b>VBW</b> 300 kH		Auto FFT			
		100/100								
⊜1Pk M	ax T		1				1[1]			-4.90 dBres
						M	1[1]		2.45	-4.38 dBm 94830 GHz
10 dBm	+									
0 dBm–	-+				MLT					
			montal	manyou	manny	polonounalion	particulture	mananga		
-10 dBn	n —									
-20 dBn			/					<u>\</u>		
20 000			শ –					7	n.	
-30 dBn	n_	^^^							M	
		N.							- WWW	
-40 dBn		140							- <sup>~</sup> V <sub>n</sub>	kan .
N.A.	/~1									Mww
ved den	ñ—		+							
-60 dBn										
-70 dBn										
-70 UBN	-									
CF 2.4	62 G	HZ			1001	. pts		_	Span	30.0 MHz
Sport	2010		Tx.	Spuriou	s NVNT g 2	462MHz A	) Ant1 Emiss	sion		
Spect Ref L							) Pead	sion		
Ref L Att	evel	20.00 dB 30 d	m Offset 2	2.40 dB 👄	S NVNT g 2 RBW 100 kH VBW 300 kH	z		sion		
Ref L Att SGL Co	evel	20.00 dB 30 d	m Offset 2	2.40 dB 👄	• <b>RBW</b> 100 kH	z		sion		
Ref L Att SGL Co	evel	20.00 dB 30 d	m Offset 2	2.40 dB 👄	• <b>RBW</b> 100 kH	z z <b>Mode</b> /	Auto Sweep	sion		
Ref L Att SGL Co 1Pk M	evel ount ax	20.00 dB 30 d	m Offset 2	2.40 dB 👄	• <b>RBW</b> 100 kH	z z Mode /	Auto Sweep 1[1]	ion		-4.96 dBm 2.4500 GHz
Ref L Att SGL Co 1Pk M	evel	20.00 dB 30 d	m Offset 2	2.40 dB 👄	• <b>RBW</b> 100 kH	z z Mode /	Auto Sweep	ion	-	-4.96 dBm 2.4500 GHz 50.48 dBm
Ref L Att SGL Co 1Pk M 10 dBm	evel ount ax Ma	20.00 dB 30 d	m Offset 2	2.40 dB 👄	• <b>RBW</b> 100 kH	z z Mode /	Auto Sweep 1[1]	ion	-	-4.96 dBm 2.4500 GHz
Ref L Att SGL Co 1Pk M 10 dBm	evel ount ax Ma	20.00 dB 30 d	m Offset 2	2.40 dB 👄	• <b>RBW</b> 100 kH	z z Mode /	Auto Sweep 1[1]	ion	-	-4.96 dBm 2.4500 GHz 50.48 dBm
Ref L Att SGL Co 1Pk M 10 dBm 0 dBm-	evel	20.00 dB 30 d 10/10	m Offset 2 IB SWT	2.40 dB 👄	• <b>RBW</b> 100 kH	z z Mode /	Auto Sweep 1[1]	ion	-	-4.96 dBm 2.4500 GHz 50.48 dBm
Ref L Att SGL Co 1Pk M 10 dBm 0 dBm-	evel	20.00 dB 30 d	m Offset 2 IB SWT	2.40 dB 👄	• <b>RBW</b> 100 kH	z z Mode /	Auto Sweep 1[1]	ion	-	-4.96 dBm 2.4500 GHz 50.48 dBm
Ref L SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm	n n	20.00 dB 30 d 10/10	m Offset 2 IB SWT	2.40 dB 👄	• <b>RBW</b> 100 kH	z z Mode /	Auto Sweep 1[1]	sion	-	-4.96 dBm 2.4500 GHz 50.48 dBm
Ref L Att SGL CC 1Pk M 10 dBm 0 dBm- -10 dBm -20 dBm -30 dBn -40 dBn	ount ax	20.00 dB 30 d 10/10	m Offset 2 lB SWT	2.40 dB 👄	• <b>RBW</b> 100 kH	z z Mode /	Auto Sweep 1[1]		-	-4.96 dBm 2.4500 GHz 50.48 dBm
Ref L SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm	ount ax	20.00 dB 30 ( 10/10 D1 -24.37	m Offset 2 IB SWT	2.40 dB •	9 RBW 100 kH	z Mode /	Auto Sweep 1[1] 2[1]		1	-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz
Ref L Att SGL Cc 10 dBm 0 dBm- -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm		20.00 dB 30 ( 10/10 D1 -24.37	m Offset 2 lB SWT	2.40 dB •	RBW 100 kH     VBW 300 kH	z Mode /	Auto Sweep 1[1] 2[1]		1	-4.96 dBm 2.4500 GHz 50.48 dBm
Ref L Att SGL Cc 1Pk M 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm		20.00 dB 30 ( 10/10 D1 -24.37	m Offset 2 IB SWT	2.40 dB •	9 RBW 100 kH	z Mode /	Auto Sweep 1[1] 2[1]		1	-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz
Ref L Att SGL Cc 1Pk M 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm		20.00 dB 30 ( 10/10 D1 -24.37	m Offset 2 IB SWT	2.40 dB •	9 RBW 100 kH	z Mode /	Auto Sweep 1[1] 2[1]		1	-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz
Ref L SGL Cc SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm Start 3		20.00 dB 30 a 10/10 D1 -24.37	m Offset 2 IB SWT	2.40 dB •	9 RBW 100 kH	Z Mode /	Auto Sweep 1[1] 2[1]		11	-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz
Ref L Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 3 Marker		20.00 dB 30 o 10/10 D1 -24.37 MHz	m Offset 2 B SWT	2.40 dB = 265 ms =	8 RBW 100 kH 9 VBW 300 kH	2 2 Mode / M M	Auto Sweep 1[1] 2[1] 			-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz
Ref L SGL Cc SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm Start 3		20.00 dB 30 o 10/10 D1 -24.37 MHz	m Offset 2 B SWT 7 dBm 3 M1 7 x-value	2.40 dB = 265 ms =	RBW 100 kH     VBW 300 kH	2 2 Mode / M M 	Auto Sweep 1[1] 2[1] 		11	-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz
Ref L Att SGL Cr. SGL Cr.		20.00 dB 30 (10/10 D1 -24.37 MHz MHz Trc 1 1	m Offset 2 B SWT 7 7 dBm 7	2.40 dB 265 ms 265 ms 45 GHz 72 GHz	RBW 100 kH     VBW 300 kH     VBW 300 kH      S	2 2 Mode / M m M M M M M M M M M M M M M	Auto Sweep 1[1] 2[1] 			-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz
Ref L Att SGL C: SGL C: SG		20.00 dB 30 d 10/10 D1 -24.37 MHz MHz 1 1 1 1	m Offset 2 iB SWT 7 dBm 7 dBm 3 M1 1 1 3 M1 1 1 8 3 1 8 .3 4 4.90	2.40 dB 265 ms 265 ms 45 GHz 72 GHz 70	RBW         100 kH           VBW         300 kH           Image: State of the sta	2 2 Mode / M m m m m m	Auto Sweep 1[1] 2[1] 			-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz
Ref L Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm Start 3 Marker Type Marker Mark		20.00 dB 30 (10/10 D1 -24.37 MHz MHz Trc 1 1	m Offset 2 B SWT 7 dBm 7 dBm 7 dBm 7 dBm 8 3 1 4 1 4 1 4 9 0 7,5	2.40 dB 265 ms 265 ms 45 GHz 72 GHz	RBW 100 kH     VBW 300 kH     VBW 300 kH      S	2 2 Mode M M M M M M M M M M M M M	Auto Sweep 1[1] 2[1] 			-4.96 dBm 2.4500 GHz 50.48 dBm 3.3472 GHz





Snec	trum				us NVNT n2					Ē
Ref L		20.00 d			<b>RBW</b> 100 kH					(♥_
Att SGL C	ount :	зи 100/100		1919 hz 🖷	<b>VBW</b> 300 kH	< MOQ6 /	AUTO FF I			
OIDE N		, 220								
						м	1[1]			0.31 dBm
10 dBm								1	2.41	13710 GHz
10 000	'									
0 dBm-					M1					
			phinner	hours	mound	Grangeran	monor	property		
-10 dBr	m				_					
			N						k l	
-20 dBr	m-+		N						<u> </u>	
		al and	( )						N	
-30 dBr	m-+	Martin							- Mry	
		ν,							. Www	
-40, dBr	por 1									Mary Mary
N										1 mg
-50 dBr	"									
-60 dBr										
-70 dBr	m				_					
CF 2.4	12.0	12			1001	ntc			0	30.0 MHz
GF 2.4	12 0	12			1001	. pts			эраг	- 30.0 MH2
Spect	trum		Tx. S	Spurious	NVNT n20	2412MHz	Ant1 Emi	ission		
Spect Ref L		20.00			NVNT n20		Ant1 Emi	ssion		
Ref L Att	.evel	<b>ل</b> 20.00 م 30	iBm Offset	2.38 dB 👄		z				
Ref L Att SGL C	evel	<b>ل</b> 20.00 م 30	iBm Offset	2.38 dB 👄	<b>RBW</b> 100 kH	z				
Ref L Att SGL C	evel	<b>ل</b> 20.00 م 30	iBm Offset	2.38 dB 👄	<b>RBW</b> 100 kH	z z <b>Mode</b> /	Auto Sweep			
Ref L Att SGL C	ount : lax	<b>ل</b> 20.00 م 30	iBm Offset	2.38 dB 👄	<b>RBW</b> 100 kH	z z <b>Mode</b> /				-1.62 dBm 2.3970 GHz
Ref L SGL C 1Pk M 10 dBm	ount : lax	<b>ل</b> 20.00 م 30	iBm Offset	2.38 dB 👄	<b>RBW</b> 100 kH	z z Mode /	Auto Sweep			-1.62 dBm 2.3970 GHz -50.21 dBm
Ref L SGL C 1Pk M 10 dBm	ount : lax	<b>ل</b> 20.00 م 30	iBm Offset	2.38 dB 👄	<b>RBW</b> 100 kH	z Mode /	Auto Sweer 1[1]			-1.62 dBm 2.3970 GHz
Ref L SGL C 1Pk M 10 dBm	ount : 1ax M1	<b>ل</b> 20.00 م 30	iBm Offset	2.38 dB 👄	<b>RBW</b> 100 kH	z Mode /	Auto Sweer 1[1]			-1.62 dBm 2.3970 GHz -50.21 dBm
Ref L Att SGL C 1Pk M 10 dBm 0 dBm- -10 dBr	evel	20.00 a 30 10/10	iBm Offset	2.38 dB 👄	<b>RBW</b> 100 kH	z Mode /	Auto Sweer 1[1]			-1.62 dBm 2.3970 GHz -50.21 dBm
Ref L Att SGL C 1Pk M 10 dBm 0 dBm- -10 dBr -20 dBr	evel	20.00 a 30 10/10	IBm Offset dB SWT	2.38 dB 👄	<b>RBW</b> 100 kH	z Mode /	Auto Sweer 1[1]			-1.62 dBm 2.3970 GHz -50.21 dBm
Ref L SGL C 1Pk M 10 dBm 0 dBm -10 dBr -20 dBr -30 dBr	evel	20.00 a 30 10/10	IBm Offset dB SWT	2.38 dB 👄	<b>RBW</b> 100 kH	z Mode /	Auto Sweer 1[1]			-1.62 dBm 2.3970 GHz -50.21 dBm
Ref L Att SGL C 1Pk M 10 dBm 0 dBm- -10 dBr -20 dBr	evel	20.00 c 30 10/10	dBm Offset dB SWT	2.38 dB 👄	<b>RBW</b> 100 kH	z Mode /	Auto Sweer 1[1]			-1.62 dBm 2.3970 GHz -50.21 dBm
Ref L Att SGL C 1Pk M 10 dBm 0 dBm -10 dBr -20 dBr -30 dBr	evel	20.00 c 30 10/10	dBm Offset dB SWT	2.38 dB • 265 ms •	RBW 100 kH	z Mode / M M	Auto Sweep 1[1] 2[1]			-1.62 dBm 2.3970 GHz 50.21 dBm 4.8211 GHz
Ref L Att SGL CC 1Pk M 10 dBm -10 dBm -10 dBm -20 dBr -30 dBr -40 dBr -50 dBr	evel	20.00 c 30 10/10	IBm Offset dB SWT	2.38 dB • 265 ms •	<b>RBW</b> 100 kH	z Mode / M M	Auto Sweep 1[1] 2[1]			-1.62 dBm 2.3970 GHz 50.21 dBm 4.8211 GHz
Ref L Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBr -20 dBr -30 dBr -40 dBr -50 dBr	m m m m m m m m m m m m m m m m m m m	20.00 c 30 10/10 01 -19.6	IBm Offset dB SWT	2.38 dB • 265 ms •	RBW 100 kH	z Mode / M M	Auto Sweep 1[1] 2[1]			-1.62 dBm 2.3970 GHz 50.21 dBm 4.8211 GHz
Ref L Att SGL CC 1Pk M 10 dBm -10 dBm -10 dBm -20 dBr -30 dBr -40 dBr -50 dBr	m m m m m m m m m m m m m m m m m m m	20.00 c 30 10/10 01 -19.6	IBm Offset dB SWT	2.38 dB • 265 ms •	RBW 100 kH	z Mode / M M	Auto Sweep 1[1] 2[1]			-1.62 dBm 2.3970 GHz 50.21 dBm 4.8211 GHz
Ref L Att SGL C 1Pk M 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm -40 dBm -70 dBm -70 dBm	m m m m m m m m m m m m m m m m m m m	20.00 c 30 10/10 01 -19.6	IBm Offset dB SWT	2.38 dB • 265 ms •	RBW         100 kH           VBW         300 kH	z Mode / M M M	Auto Sweep 1[1] 2[1]		white bart fund the starter	-1.62 dBm 2.3970 GHz 50.21 dBm 4.8211 GHz
Ref L Att SGL C 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm -70 dBm	evel	20.00 c 30 10/10 01 -19.6	IBm Offset dB SWT	2.38 dB • 265 ms •	RBW 100 kH	z Mode / M M M	Auto Sweep 1[1] 2[1]		white bart fund the starter	-1.62 dBm 2.3970 GHz 50.21 dBm 4.8211 GHz
Ref L Att SGL C 10 dBm -10 dBm -20 dBr -20 dBr -30 dBr -30 dBr -30 dBr -70 dBr -70 dBr -70 dBr -70 dBr	evel ount : : hax M1 n n n n n n n n n :	20.00 c 30 10/10 01 -19.6	IBm Offset dB SWT	2.38 dB 265 ms 265 ms 26	RBW         100 kH           VBW         300 kH	z Mode / M M M	Auto Sweep 1[1] 2[1]		white bart fund the starter	-1.62 dBm 2.3970 GHz -50.21 dBm 4.8211 GHz
Ref L Att SGL C 10 dBm 10 dBm -10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -50 dBm -50 dBm -50 dBm -70 dBm Start C Marker Type M1	evel ount : lax M1 m m m m c m n c c n n c c c c c c c c c	20.00 c 30 10/10 01 -19.6 ////////////////////////////////////	ABm Offset dB SWT 591 dBm 43 44 43 44 44 44 44 44 44 44	2.38 dB  265 ms	RBW         100 kH           VBW         300 kH             Image: Image of the second seco	2 2 Mode M M M M M M M M M M M M M	Auto Sweep 1[1] 2[1]		white and the starts	-1.62 dBm 2.3970 GHz -50.21 dBm 4.8211 GHz
Ref L           Att           SGL C           SGL C           IPk M           SGL C           IPk M           O dBm-           -10 dBr           -20 dBr           -30 dBr           -50 dBr           -70 dBr           Start S           Marker           M1	evel	20.00 c 30 10/10 01 -19.6 ////////////////////////////////////	Bern         Offset           dB         SWT	2.38 dB 265 ms 265 ms 1015 10	RBW         100 kH           VBW         300 kH	2 2 Mode / M M M M M M M M M M M M M	Auto Sweep 1[1] 2[1]		white and the starts	-1.62 dBm 2.3970 GHz -50.21 dBm 4.8211 GHz
Ref L Att SGL C 10 dBm 10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -20 dBm -40 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 3 Warker M1 M2 M3 M4	evel	20.00 c 30 10/10	ABm         Offset           idB         SWT           idB         SWT	2.38 dB  265 ms 265 ms	RBW         100 kH           VBW         300 kH           -         -	2 2 Mode M M M M M M M M M M M M M	Auto Sweep 1[1] 2[1]		white and the starts	-1.62 dBm 2.3970 GHz -50.21 dBm 4.8211 GHz
Ref L Att SGL C 2 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -20 dBm -20 dBm -70 dBm	evel	20.00 c 30 10/10 01 -19.6 ////////////////////////////////////	ABm         Offset           idB         SWT           idB         SWT	2.38 dB  265 ms	RBW         100 kH           VBW         300 kH	2 2 Mode M M M M M M M M M M M M M	Auto Sweep 1[1] 2[1]		white and the starts	-1.62 dBm 2.3970 GHz -50.21 dBm 4.8211 GHz

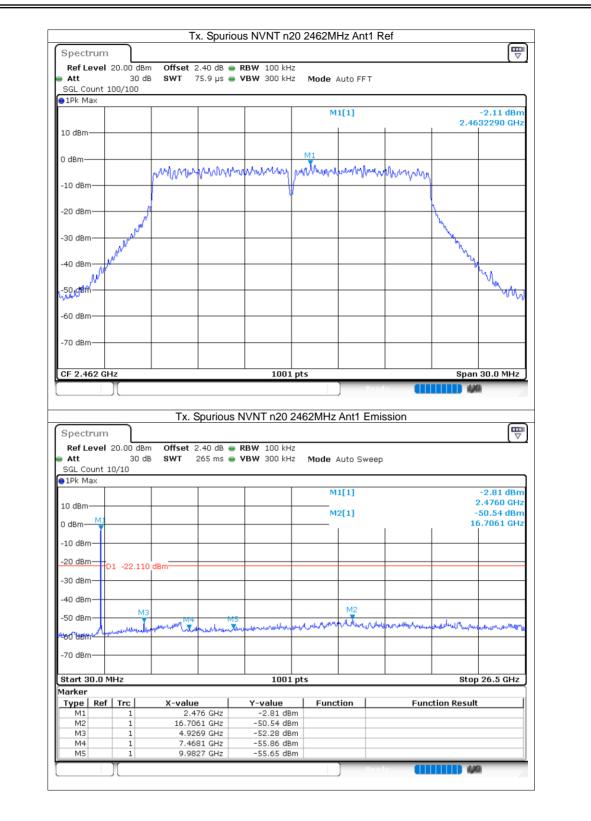




Spect	rum									E
-		20.00 d	Bm Offcot	= ah pc.5	RBW 100 kHz					<b>ι</b> ⊽,
Att		30			<b>VBW</b> 300 kHz		uto FFT			
SGL CI		100/100								
						M1	[1]			-0.41 dBm
10 - 10								1	2.43	63410 GHz
10 dBm	1									
0 dBm-					M1					
0 00.00			Mannon	moun	many	mound	www.	Mullim		
-10 dBr	n-+									
			м		1					
-20 dBr	n-+		<i>/</i>		++				4.	
		all	Ĩ						- May	
-30 dBr	n-+	Ju Par							Mr.	
-40 dBr	n	ph <sup>ar</sup>							ખ	
	N									When
-So dBr	n_									www
-60 dBr	n-+									
-70 dBr	n-+									
CF 2.4	37 G	Hz			1001	pts			Spar	30.0 MHz
Spect	trum		Tx. S	Spurious	NVNT n20 2	437MHz /	Pead Ant1 Emis	ssion		
Ref L		20.00 d	Bm Offset 3	2.39 dB 👄	<b>RBW</b> 100 kHz			ssion		
Ref L Att SGL C	evel	20.00 d 30	Bm Offset 3	2.39 dB 👄				ssion		
Ref L Att SGL C	evel	20.00 d 30	Bm Offset 3	2.39 dB 👄	<b>RBW</b> 100 kHz	Mode A	uto Sweep	ssion		
Ref L Att SGL Co 1Pk M	ount lax	20.00 d 30	Bm Offset 3	2.39 dB 👄	<b>RBW</b> 100 kHz	Mode A		ssion		-1.33 dBm
Ref L SGL Co 1Pk M 10 dBm	ount lax	20.00 d 30	Bm Offset 3	2.39 dB 👄	<b>RBW</b> 100 kHz	Mode A 	uto Sweep	ssion	-	-1.33 dBm 2.4500 GHz 51.41 dBm
Ref L Att SGL Co 1Pk M 10 dBm	ount lax	20.00 d 30	Bm Offset 3	2.39 dB 👄	<b>RBW</b> 100 kHz	Mode A 	uto Sweep [1]	ssion	-	-1.33 dBm 2.4500 GHz
Ref L Att SGL Co 1Pk M 10 dBm	ount in ax	20.00 d 30	Bm Offset 3	2.39 dB 👄	<b>RBW</b> 100 kHz	Mode A 	uto Sweep [1]	ssion	-	-1.33 dBm 2.4500 GHz 51.41 dBm
Ref L Att SGL CI 1Pk M 10 dBm 0 dBm-	ount lax M1	20.00 d 30 10/10	Bm Offset : dB SWT	2.39 dB 👄	<b>RBW</b> 100 kHz	Mode A 	uto Sweep [1]	ssion	-	-1.33 dBm 2.4500 GHz 51.41 dBm
Ref L Att SGL CI 1Pk M 10 dBm 0 dBm- -10 dBr -20 dBr	evel	20.00 d 30	Bm Offset : dB SWT	2.39 dB 👄	RBW 100 kHz	Mode A 	uto Sweep [1]	ssion	-	-1.33 dBm 2.4500 GHz 51.41 dBm
Ref L SGL CI P 1Pk M 10 dBm 0 dBm- -10 dBr -20 dBr -30 dBr	evel	20.00 d 30 10/10	Bm Offset : dB SWT	2.39 dB 👄	RBW 100 kHz	Mode A 	uto Sweep [1]		-	-1.33 dBm 2.4500 GHz 51.41 dBm
Ref L Att SGL CI 1Pk M 10 dBm 0 dBm- -10 dBr -20 dBr	evel	20.00 d 30 10/10	Bm Offset : dB SWT	2.39 dB 👄	RBW 100 kHz	Mode A M1 	uto Sweep [1] [1]		-	-1.33 dBm 2.4500 GHz 51.41 dBm
Ref L SGL CI 1Pk M 10 dBm 0 dBm- -10 dBr -20 dBr -30 dBr	n	20.00 d 30 10/10 D1 -20.4	Bm Offset : dB SWT	2.39 dB • 265 ms •	RBW         100 kHz           VBW         300 kHz	Mode A M1 	uto Sweep [1] 2[1]		1	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL Cr 1Pk M 10 dBm -10 dBm -20 dBr -30 dBr -30 dBr -50 dBr	evel	20.00 d 30 10/10	Bm Offset : dB SWT	2.39 dB • 265 ms •	RBW         100 kHz           VBW         300 kHz	Mode A M1 	uto Sweep [1] 2[1]		-	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL Cd 10 dBm 10 dBm -10 dBm -20 dBr -20 dBr -30 dBr -40 dBr -50 dBr		20.00 d 30 10/10 D1 -20.4	Bm Offset : dB SWT	2.39 dB • 265 ms •	RBW         100 kHz           VBW         300 kHz	Mode A M1 	uto Sweep [1] 2[1]		1	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL Cr 1Pk M 10 dBm -10 dBm -20 dBr -30 dBr -30 dBr -50 dBr		20.00 d 30 10/10 D1 -20.4	Bm Offset : dB SWT	2.39 dB • 265 ms •	RBW         100 kHz           VBW         300 kHz	Mode A M1 	uto Sweep [1] 2[1]		1	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL Cd 10 dBm 10 dBm -10 dBm -20 dBr -20 dBr -30 dBr -40 dBr -50 dBr	n n n n n n n n n n n n n n n n n n n	20.00 d 30 10/10 D1 -20.4	Bm Offset : dB SWT	2.39 dB • 265 ms •	RBW         100 kHz           VBW         300 kHz	Mode A M1 M2	uto Sweep [1] 2[1]		1 opahrbanhuchu	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL C: C: SGL C: SG	evel	20.00 d 30 10/10 D1 -20.4 N MHz	Bm Offset : dB SWT	2.39 dB  265 ms	RBW 100 kHz VBW 300 kHz	<u>Mode</u> ۸    	uto Sweep [1] 2[1] M2 	- Nurring Agendus	1 oraby pure or day Stop	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL C: C: SGL C: SG	evel	20.00 d 30 10/10 D1 -20.4	Bm Offset : dB SWT 13 dBm 13 dBm 13 dBm 13	2.39 dB  265 ms	RBW         100 kHz           VBW         300 kHz	Mode A M1 M2	uto Sweep [1] 2[1] M2 	- Nurring Agendus	1 opahrbanhuchu	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL C: C SGL C: C SG	evel	20.00 d 30 10/10 D1 -20.4 MHz Trc 1 1	Bm Offset : dB SWT 13 dBm 13 dBm 13	2.39 dB 265 ms 	RBW         100 kHz           VBW         300 kHz	Mode A M1 M2 M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	uto Sweep [1] 2[1] M2 	- Nurring Agendus	1 oraby pure or day Stop	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL C: C SGL C: C SG	evel	20.00 d 30 10/10 D1 -20.4 MHz MHz I Tre   1 1 1	Bm Offset : dB SWT 13 dBm 13 dBm 13	2.39 dB 265 ms 265 ms 45 GHz 74 GHz 85 GHz 74 GHz 25 GHz 74 GHz 26 ms 26 ms 27 m	RBW         100 kHz           VBW         300 kHz	Mode A M1 M2 M2 m2 m4 m4 m4 m4 m4 m4 m4 m4 m4 m4 m4 m4 m4	uto Sweep [1] 2[1] M2 	- Nurring Agendus	1 oraby pure or day Stop	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz
Ref L Att SGL C: SGL C:	evel	20.00 d 30 10/10 D1 -20.4 MHz Trc 1 1	Bm Offset : dB SWT 13 dBm 13 dBm 13 dBm 13 dBm 13 dBm 13 dBm 13 dBm 13 dBm 14 dBm 13 dBm 14 dBm 13 dBm 13 dBm 13 dBm 13 dBm 13 dBm 13 dBm 13 dBm 14 dBm 14 dBm 15 dBm 15 dBm 16 dBm 17 dBm 17 dBm 17 dBm 18 dBm 18 dBm 18 dBm 18 dBm 18 dBm 19 dBm 19 dBm 19 dBm 19 dBm 19 dBm 19 dBm 10 dBm 1	2.39 dB 265 ms 	RBW         100 kHz           VBW         300 kHz	Mode A M1 M2 M2 M2 M2 M2 M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	uto Sweep [1] 2[1] M2 	- Nurring Agendus	1 oraby pure or day Stop	-1.33 dBm 2.4500 GHz 51.41 dBm 6.3885 GHz







END OF REPORT