

RADIO TEST REPORT FCC ID: 2AWNW-ONETABT701

Product:	onetab T701
Trade Mark:	onetab
Model No.:	onetab T701
Family Model:	N/A
Report No.:	STR200610001001E
Issue Date:	24 Jun. 2020

Prepared for

Onebillion Children LTD 315-317 New Kings Rd, London SW6 4RF,UK

Prepared by

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1 TEST RESULT CERTIFICATION

NTEK北测

Applicant's name:	Onebillion Children LTD	
Address:	315-317 New Kings Rd, London SW6 4RF,UK	
Manufacturer's Name:	Shenzhen Alldocube Technology and Science Co., Ltd	
Address:	1-3 Floor, A building,3rd factory,YujianfengIndusrty park,289# HuafanRoad,Tongshengconmmunity,Dalang,HonghuaDistrict,Shenzhen China	
Product description		
Product name:	onetab T701	
Model and/or type reference:	onetab T701	
Family Model:	N/A	

ACCREDI

Certificate #4298.01

Measurement Procedure Used:

APPLICABLE STANDARDS			
STANDARD/ TEST PROCEDURE TEST RESULT			
FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart C ANSI C63.10-2013	Complied		

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.

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

Date of Test	:	10 Jun. 2020 ~ 24 Jun, 2020
Testing Engineer	:	Mary. Hu
		(Mary Hu)
Technical Manager	:	Jason Onon
-		(Jason Chen)
		Sam. Chew
Authorized Signatory	:	(Sam Chen)



	FCC Part15 (15.247), Subpart	С	
Standard Section	Test Item	Verdict	Remark
15.207	Conducted Emission	PASS	
15.209 (a) 15.205 (a)	Radiated Spurious Emission	PASS	
15.247(a)(1)	Hopping Channel Separation	PASS	
15.247(b)(1)	Peak Output Power	PASS	
15.247(a)(iii)	Number of Hopping Frequency	PASS	
15.247(a)(iii)	Dwell Time	PASS	
15.247(a)(1)	Bandwidth	PASS	
15.247 (d)	Band Edge Emission	PASS	
15.247 (d)	Spurious RF Conducted Emission	PASS	
15.203	Antenna Requirement	PASS	

Remark:

 "N/A" denotes test is not applicable in this Test Report.
All test items were verified and recorded according to the standards and without any deviation during the test.



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 Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China.

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 Laboratory has been assessed and proved to be in compliance with
	CNAS-CL01:2006 (identical to ISO/IEC 17025:2005)
	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 Community, Xixiang
	Street, Bao'an District, Shenzhen 518126 P.R. 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%



4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification			
Equipment onetab T701			
Trade Mark	onetab		
FCC ID	2AWNW-ONETABT701		
Model No.	onetab T701		
Family Model	N/A		
Model Difference	N/A		
Operating Frequency 2402MHz~2480MHz			
Modulation	GFSK, π/4-DQPSK, 8-DPSK		
Bluetooth Version	BT V4.0		
Number of Channels 79 Channels			
Antenna Type PIFA Antenna			
Antenna Gain 1.3dBi			
	☐DC supply: DC 3.8V/2800mAh/10.64Wh from Battery or DC 5V from Adapter.		
Power supply	Adapter supply: Model: BSY01J3050200UU Input: 100-240V~50/60Hz 0.3A Output: 5.0V2.0A		
HW Version	V1.1		
SW Version 1.1.0 test-keys			

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
STR200610001001E	Rev.01	Initial issue of report	24 Jun, 2020
L	J	1	<u>,</u>



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 (1Mbps for GFSK modulation; 2Mbps for π /4-DQPSK modulation; 3Mbps for 8-DPSK modulation) 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 X-plane results were found as the worst case and were shown in this report.

Carrier Frequency and Channel list:

Channel	Frequency(MHz)
0	2402
1	2403
39	2441
40	2442
77	2479
78	2480

Note: fc=2402MHz+k×1MHz k=0 to 78

The following summary table is showing all test modes to demonstrate in compliance with the standard.

For AC Conducted Emission	
Final Test Mode	Description
Mode 1	normal link mode

Note: AC power line Conducted Emission was tested under maximum output power.

	For Radiated Test Cases				
Final Test Mode	Description				
Mode 1	normal link mode				
Mode 2	CH00(2402MHz)				
Mode 3	CH39(2441MHz)				
Mode 4	CH78(2480MHz)				

Note: For radiated test cases, the worst mode data rate 3Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission.

For Conducted Test Cases				
Final Test Mode	Description			
Mode 2	CH00(2402MHz)			
Mode 3	CH39(2441MHz)			
Mode 4	CH78(2480MHz)			
Mode 5	Hopping mode			
Note: The engineering	test program was provided and the EUT was programmed to be in continuous			

Note: The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode.



SETUP OF EQUIPMENT UNDER TEST 6 6.1 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM For AC Conducted Emission Mode AC PLUG C-1 AE-1 EUT Adapter C-2 AE-2 Earphone For Radiated Test Cases EUT For Conducted Test Cases C-3 Measurement EUT Instrument Note: 1. 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. 2. EUT built-in battery-powered, the battery is fully-charged.



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	Mfr/Brand	Model/Type No.	Series No.	Note
AE-1	Adapter	N/A	BSY01J3050200UU	N/A	Peripherals
AE-2	Earphone	N/A	N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	USB Cable	YES	NO	1.0m
C-2	Earphone Cable	NO	NO	1.2m
C-3	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".



6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation& Conducted T	Test equi	pment
------------------------	-----------	-------

	1		i				
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Aglient	E4407B	MY45108040	2020.05.13	2021.05.12	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2020.05.11	2021.05.10	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2019.10.08	2020.10.07	1 year
4	Test Receiver	R&S	ESPI7	101318	2020.05.11	2021.05.10	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2020.04.11	2021.04.10	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
7	Horn Antenna	EM	EM-AH-1018 0	2011071402	2020.04.15	2021.04.14	1 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2019.12.11	2020.12.10	1 year
9	Amplifier	EMC	EMC051835 SE	980246	2019.08.05	2020.08.04	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2019.12.11	2020.12.10	1 year
11	Power Meter	DARE	RPR3006W	15I00041SN 084	2018.04.21	2021.04.20	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2018.04.21	2021.04.20	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2018.04.21	2021.04.20	3 year
14	High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2018.04.21	2021.04.20	3 year
15	High Test Cable(1G-40G Hz)	N/A	R-04	N/A	2018.04.21	2021.04.20	3 year
16	Filter	TRILTHIC	2400MHz	29	2020.04.07	2023.04.06	3 year
17	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 Co	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	2020.05.11	2021.05.10	1 year		
2	LISN	R&S	ENV216	101313	2020.04.11	2021.04.10	1 year		
3	LISN	SCHWARZBE CK	NNLK 8129	8129245	2020.05.11	2021.05.10	1 year		
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2020.05.11	2023.05.10	3 year		
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2020.05.11	2023.05.10	3 year		
6	Test Cable (9KHz-30MH z)	N/A	C02	N/A	2020.05.11	2023.05.10	3 year		
7	Test Cable (9KHz-30MH z)	N/A	C03	N/A	2020.05.11	2023.05.10	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

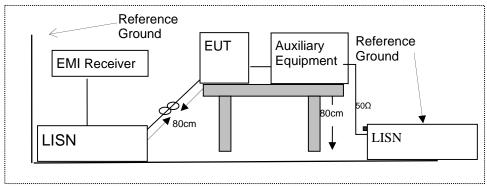
	Conducted Emission Limit			
Frequency(MHz)	Quasi-peak	Average		
0.15-0.5	66-56*	56-46*		
0.5-5.0	56	46		
5.0-30.0	60	50		

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 Test Configuration



7.1.4 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.

7.1.5 Test Results

Pass



7.1.6 Test Results

N

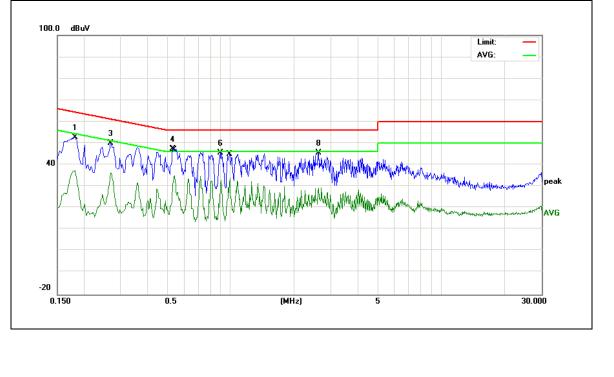
EUT:	onetab T701	Model Name :	onetab T701
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1820	43.29	9.55	52.84	64.39	-11.55	QP
0.1820	27.79	9.55	37.34	54.39	-17.05	AVG
0.2700	40.48	9.54	50.02	61.12	-11.10	QP
0.5300	37.95	9.55	47.50	56.00	-8.50	QP
0.5420	25.44	9.55	34.99	46.00	-11.01	AVG
0.8980	35.87	9.55	45.42	56.00	-10.58	QP
0.9900	24.16	9.56	33.72	46.00	-12.28	AVG
2.6140	36.02	9.59	45.61	56.00	-10.39	QP

Remark:

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

2. Factor = Insertion Loss + Cable Loss.





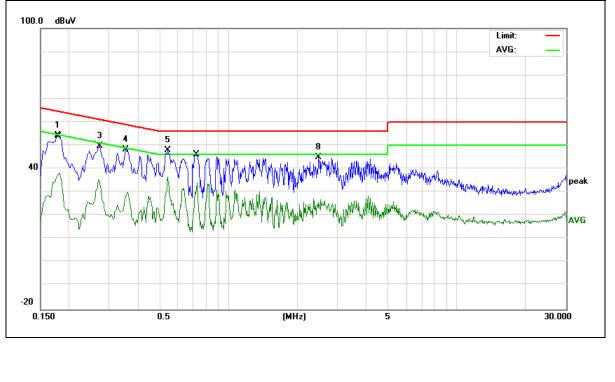
EUT:	onetab T701	Model Name :	onetab T701
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	Ν
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1780	44.58	9.54	54.12	64.57	-10.45	QP
0.1820	28.66	9.54	38.20	54.39	-16.19	AVG
0.2740	40.11	9.53	49.64	60.99	-11.35	QP
0.3540	38.59	9.54	48.13	58.87	-10.74	QP
0.5420	38.33	9.54	47.87	56.00	-8.13	QP
0.5420	27.06	9.54	36.60	46.00	-9.40	AVG
0.7300	24.66	9.54	34.20	46.00	-11.80	AVG
2.4860	35.28	9.57	44.85	56.00	-11.15	QP

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

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(2)
13.36-13.41			

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(Minz)	PEAK	AVERAGE
Above 1000	74	54

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

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

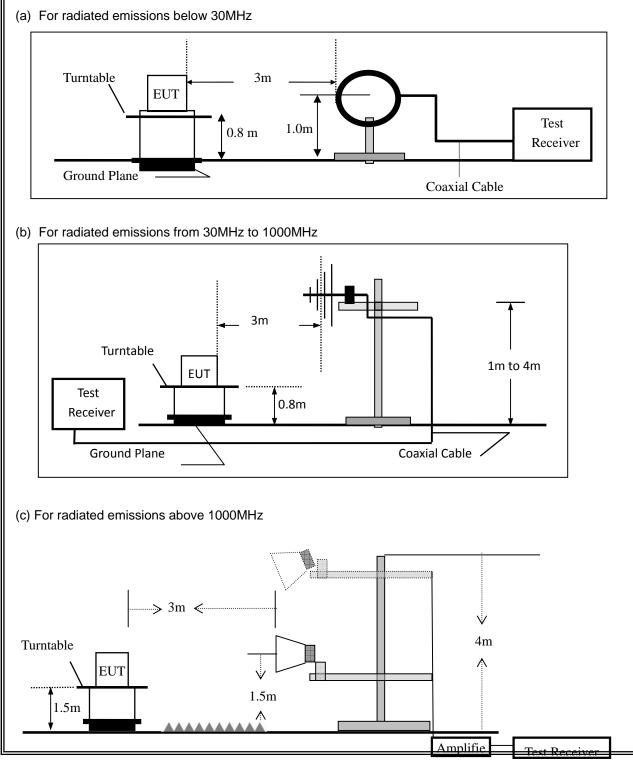


Limit line=Specific limits(dBuV) + distance extrapolation factor.

7.2.3 Measuring Instruments

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

7.2.4 Test Configuration





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:

eter and renorming opposition analyzor obtaining	<i>//</i>
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 / 1 MHz 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. For frequencies above 1GHz, any suitable measuring distance may be used.
- 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 t	est, the Spectrum An	alyzer was set with the follow	ving configurations:
Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Ab 200	Peak	1 MHz	1 MHz
Above 1000	Average	1 MHz	1 MHz

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

EUT:	onetab T701	Model No.:	onetab T701
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mary Hu

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.

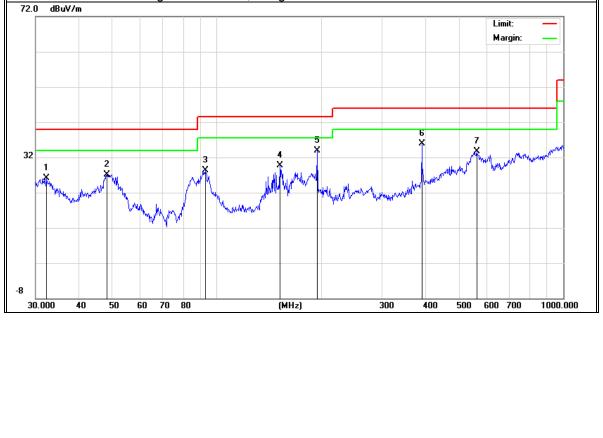


	n below 1GHz (30MHz to 10 modes have been tested, a	GHz) and the worst result was repor	t as below:
EUT:	onetab T701	Model Name :	onetab T701
Temperature:	20 ℃	Relative Humidity:	48%
Pressure:	1010hPa	Test Mode:	Mode 1
Test Voltage :	DC 3.8V		

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	32.2924	8.33	17.72	26.05	40.00	-13.95	QP
V	48.1625	16.34	10.72	27.06	40.00	-12.94	QP
V	92.7871	18.12	10.26	28.38	43.50	-15.12	QP
V	152.1297	17.87	11.84	29.71	43.50	-13.79	QP
V	195.1365	25.08	8.76	33.84	43.50	-9.66	QP
V	390.7225	18.60	17.34	35.94	46.00	-10.06	QP
V	562.6624	11.51	22.22	33.73	46.00	-12.27	QP

Remark:







Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	30.4237	5.56	18.62	24.18	40.00	-15.82	QP
Н	99.5280	15.41	10.95	26.36	43.50	-17.14	QP
Н	195.1365	21.70	8.76	30.46	43.50	-13.04	QP
Н	390.7225	16.18	17.34	33.52	46.00	-12.48	QP
Н	952.0937	7.08	28.40	35.48	46.00	-10.52	QP
Н	750.1082	10.21	24.92	35.13	46.00	-10.87	QP
72.0	<u>ite Level= Read</u> dBuV/m						Limit: — Margin: —
32			2			4	6 5 5
1	when when the start of the second start of the	wether prost	M	Contraction of the Contraction o	putran Dipakyapand	Nember	*UN ^{NONC®}



EUT:		onetab	e 1GHz (10 T701			el No.:		onetab T701			
Temperatu	ire:	20 ℃			Relative Humidity:			48%			
		-									
Test Mode: Mode2/Mode3/Mode4 Test By:						ry Hu					
All the modulation modes have been tested, and the worst result was report as below:											
Frequenc y	Read Level	Cable loss	Antenna Factor	Prea Fac		Emission Level	Limit	s	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dE	3)	(dBµV/m)	(dBµV/	/m)	(dB)		
			Low Char	nnel (2	402 I	MHz)(8-DPS	SK)Ab	ove	e 1G		
4804	68.75	5.21	35.59	44.	30	65.25	74.0	0	-8.75	Pk	Vertical
4804	48.01	5.21	35.59	44.	30	44.51	54.0	0	-9.49	AV	Vertical
7206	69.97	6.48	36.27	44.	60	68.12	74.0	0	-5.88	Pk	Vertical
7206	50.36	6.48	36.27	44.	60	48.51	54.0	0	-5.49	AV	Vertical
4804	68.54	5.21	35.55	44.	30	65.00	74.0	0	-9.00	Pk	Horizontal
4804	49.29	5.21	35.55	44.	30	45.75	54.0	0	-8.25	AV	Horizontal
7206	70.59	6.48	36.27	44.	52	68.82	74.0	0	-5.18	Pk	Horizontal
7206	48.34	6.48	36.27	44.	-	46.57	54.0	-	-7.43	AV	Horizontal
			Mid Char	nnel (2	441 N	/Hz)(8-DPS	SK)Ab	ove	1G		
4882	70.9	5.21	35.66	44.	20	67.57	74.0	0	-6.43	Pk	Vertical
4882	46.3	5.21	35.66	44.	20	42.97	54.0	0	-11.03	AV	Vertical
7323	68.21	7.10	36.50	44.	43	67.38	74.0	0	-6.62	Pk	Vertical
7323	50.9	7.10	36.50	44.		50.07	54.0		-3.93	AV	Vertical
4882	69.26	5.21	35.66	44.	20	65.93	74.0	0	-8.07	Pk	Horizontal
4882	49.85	5.21	35.66	44.		46.52	54.0		-7.48	AV	Horizontal
7323	70.8	7.10	36.50	44.		69.97	74.0		-4.03	Pk	Horizontal
7323	47.12	7.10	36.50	44.		46.29	54.0	-	-7.71	AV	Horizontal
			<u> </u>			ИHz)(8-DPS	,	_			
4960	69.78	5.21	35.52	44.		66.30	74.0		-7.70	Pk	Vertical
4960	46.65	5.21	35.52	44.		43.17	54.0		-10.83	AV	Vertical
7440	70.6	7.10	36.53	44.		69.63	74.0		-4.37	Pk	Vertical
7440	45.91	7.10	36.53	44.		44.94	54.0		-9.06	AV	Vertical
4960	68.37	5.21	35.52	44.		64.89	74.0		-9.11	Pk	Horizontal
4960	45.49	5.21	35.52	44.		42.01	54.0		-11.99	AV	Horizontal
7440	69.72	7.10	36.53	44.		68.75	74.0		-5.25	Pk	Horizontal
7440	49.5	7.10	36.53	44.	00	48.53	54.0	υ	-5.47	AV	Horizontal

Note:

(1) Emission Level= Antenna Factor + Cable Loss + Read Level - Preamp Factor (2)All other emissions more than 20dB below the limit.



Report No.: STR200610001001E

EUT:		onetab T		1	2390MHz and lodel No.:		1	tab T701			
Temperatu	ure:	20 ℃		R	Relative Humidity:			48%			
Test Mode		Mode2/	Mode4		est By:	,		y Hu			
									0.04/		
All the modulation modes have been tested, and the worst result was report as below: Frequenc Meter Cable Antenna Preamp Emission Image: Cable Cable											
V	Reading	Loss	Factor	Facto		Limi	ts	Margin	Detector	Comment	
(MHz)	(dBµV)	(dB)	dB/m	(dB)		(dBµV	′/m)	(dB)	Туре	Commone	
. ,			3MI	bps(GF	SK)- Non-hopp		/	. ,			
2310.00	69.60	2.97	27.80	43.8	0 56.57	74		-17.43	Pk	Horizontal	
2310.00	50.59	2.97	27.80	43.8	0 37.56	54		-16.44	AV	Horizontal	
2310.00	68.29	2.97	27.80	43.8	0 55.26	74		-18.74	Pk	Vertical	
2310.00	47.19	2.97	27.80	43.8	0 34.16	54		-19.84	AV	Vertical	
2390.00	68.70	3.14	27.21	43.8	0 55.25	74		-18.75	Pk	Vertical	
2390.00	49.09	3.14	27.21	43.8	0 35.64	54		-18.36	AV	Vertical	
2390.00	70.82	3.14	27.21	43.8	0 57.37	74		-16.63	Pk	Horizontal	
2390.00	47.79	3.14	27.21	43.8		54		-19.66	AV	Horizontal	
2483.50	68.47	3.58	27.70	44.0		74		-18.25	Pk	Vertical	
2483.50	49.82	3.58	27.70	44.0		54		-16.90	AV	Vertical	
2483.50	69.73	3.58	27.70	44.0		74		-16.99	Pk	Horizontal	
2483.50	49.16	3.58	27.70	44.0		54		-17.56	AV	Horizontal	
	r			1	GFSK)- hoppin	-					
2310.00	70.25	2.97	27.80	43.8		74		-16.78	Pk	Horizontal	
2310.00	46.35	2.97	27.80	43.8		54		-20.68	AV	Horizontal	
2310.00	68.88	2.97	27.80	43.8		74		-18.15	Pk	Vertical	
2310.00	50.80	2.97	27.80	43.8		54		-16.23	AV	Vertical	
2390.00	70.62	3.14	27.21	43.8		74		-16.83	Pk	Vertical	
2390.00	45.35	3.14	27.21	43.8		54		-22.10	AV	Vertical	
2390.00	70.33	3.14	27.21	43.8		74		-17.12	Pk	Horizontal	
2390.00	46.87	3.14	27.21	43.8		54		-20.58	AV	Horizontal	
2483.50	68.31	3.58	27.70	44.00		74		-18.41	Pk	Vertical	
2483.50	48.14	3.58	27.70	44.00		54		-18.58	AV	Vertical	
2483.50	69.19	3.58	27.70	44.00		74		-17.53	Pk	Horizontal	
2483.50	49.58	3.58	27.70	44.00	0 36.86	54		-17.14	AV	Horizontal	

Note: (1) All other emissions more than 20dB below the limit.



EUT:		onetab T70)1	Model N	No.:	oneta	onetab T701			
Temperature:		20 ℃		Relative	Relative Humidity:		48%			
Test Mode: Mode2/ Mode4			Test By	:	Mary	Hu				
All the modulation modes have been tested, and the worst result was report as below:										
Frequenc	Readir	n Cable	Antenn	Preamp	Emission	Limits	Margin	Detect		
У	g Leve	Loss	а	Factor	Level	LIIIIIIS	Margin	or	Comment	
(MHz)	(dBµV) (dB)	dB/m	(dB)	(dBµ V/m)	(dBµ V/m)	(dB)	Туре	ooninion	
3260	69.9	4.04	29.57	44.70	58.81	74	-15.19	Pk	Vertical	
3260	45.08	4.04	29.57	44.70	33.99	54	-20.01	AV	Vertical	
3260	68.2	4.04	29.57	44.70	57.11	74	-16.89	Pk	Horizontal	
3260	45.61	4.04	29.57	44.70	34.52	54	-19.48	AV	Horizontal	
3332	70.1	4.26	29.87	44.40	59.83	74	-14.17	Pk	Vertical	
3332	48.61	4.26	29.87	44.40	38.34	54	-15.66	AV	Vertical	
3332	69.51	4.26	29.87	44.40	59.24	74	-14.76	Pk	Horizontal	
3332	46.66	4.26	29.87	44.40	36.39	54	-17.61	AV	Horizontal	
17797	51	10.99	43.95	43.50	62.44	74	-11.56	Pk	Vertical	
17797	34.5	10.99	43.95	43.50	45.94	54	-8.06	AV	Vertical	
17788	54.89	11.81	43.69	44.60	65.79	74	-8.21	Pk	Horizontal	
17788	40.84	11.81	43.69	44.60	51.74	54	-2.26	AV	Horizontal	

Note: (1) All other emissions more than 20dB below the limit.



7.3 NUMBER OF HOPPING CHANNEL

7.3.1 Applicable Standard

According to FCC Part 15.247(a)(1) (iii)and ANSI C63.10-2013

7.3.2 Conformance Limit

Frequency hopping systems in the 2400-2483.5MHz band shall use at least 15 channels.

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 ANSI C63.10-2013 clause 7.8.3 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 must have its hopping function enabled. Use the following spectrum analyzer settings: Span = the frequency band of operation RBW : To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.3.6 Test Results

EUT:	onetab T701	Model No.:	onetab T701
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode 5(1Mbps)	Test By:	Mary Hu



7.4 HOPPING CHANNEL SEPARATION MEASUREMENT

7.4.1 Applicable Standard

According to FCC Part 15.247(a)(1) and ANSI C63.10-2013

7.4.2 Conformance Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5MHz band shall have hopping channel carrier frequencies that are separated by 25kHz or two-thirds of the 20dB bandwidth of the hopping channel, whichever is greater.

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

The testing follows ANSI C63.10-2013 clause 7.8.2 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 = Measurement Bandwidth or Channel Separation RBW: Start with the RBW set to approximately 3% of the channel spacing; adjust as necessary to best identify the center of each individual channel. VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.4.6 Test Results

EUT:	onetab T701	Model No.:	onetab T701
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mary Hu



7.5 AVERAGE TIME OF OCCUPANCY (DWELL TIME)

7.5.1 Applicable Standard

According to FCC Part 15.247(a)(1)(iii) and ANSI C63.10-2013

7.5.2 Conformance Limit

The average time of occupancy on any channel shall not be greater than 0.4s within a period of 0.4s multiplied by the number of hopping channels employed.

7.5.3 Measuring Instruments

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

7.5.4 Test Setup

Please refer to Section 6.1 of this test report.

7.5.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.4 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 must have its hopping function enabled. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel RBW \geq 1MHz VBW \geq RBW Sweep = as necessary to capture the entire dwell time per hopping channel Detector function = peak Trace = max hold Measure the maximum time duration of one single pulse. Set the EUT for DH5, DH3 and DH1 packet transmitting. Measure the maximum time duration of one single pulse.



7.5.6 Test Results

EUT:	onetab T701	Model No.:	onetab T701
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mary Hu
DH1 Dwell time: F DH3 Dwell time: F DH5 Dwell time: F For Example: I. In normal mod With channel F Hops Over Oc	ce attachment. (channel number)*0.4 Reading * (1600/2)*31.6/(ch Reading * (1600/6)*31.6/(ch Reading * (1600/6)*31.6/(ch e, hopping rate is 1600 hop hopping rate (1600 / 6 / 79) cupancy Time comes to (10 hopping rate is 800 hops/s	nannel number) nannel number) os/s with 6 slots in 79 in Occupancy Time L 600 / 6 / 79) x (0.4 x 7	imit (0.4 x 79) (s), 9) = 106.67 hops.
With channel h	nopping rate (800 / 6 / 20) in cupancy Time comes to (80	n Occupancy Time Lir	nit (0.4 x 20) (s),
B. Dwell Time(s)	= Hops Over Occupancy T	ime (hops) x Package	Transfer Time



7.6 20DB BANDWIDTH TEST

7.6.1 Applicable Standard

According to FCC Part 15.247(a)(1) and ANSI C63.10-2013

7.6.2 Conformance Limit

No limit requirement.

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 ANSI C63.10-2013 clause 6.9.2 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 = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel RBW \geq 1% of the 20 dB bandwidth VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.6.6 Test Results

EUT:	onetab T701	Model No.:	onetab T701
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mary Hu



7.7 PEAK OUTPUT POWER

7.7.1 Applicable Standard

According to FCC Part 15.247(b)(1) and ANSI C63.10-2013

7.7.2 Conformance Limit

The maximum peak conducted output power of the intentional radiator shall not exceed the following: (1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts.

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 ANSI C63.10-2013 clause 7.8.5. 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 = approximately 5 times the 20 dB bandwidth, centered on a hopping channel RBW \geq the 20 dB bandwidth of the emission being measured VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.7.6 Test Results

EUT:	onetab T701	Model No.:	onetab T701
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mary Hu



7.8 CONDUCTED BAND EDGE MEASUREMENT

7.8.1 Applicable Standard

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

7.8.2 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. Attenuation below the general limits specified in §15.209(a) is not required. In addition, 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)).

7.8.3 Measuring Instruments

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

7.8.4 Test Setup

Please refer to Section 6.1 of this test report.

7.8.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.6.

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 must have its hopping function enabled.

Use the following spectrum analyzer settings:

Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel

RBW = 100KHz

VBW = 300KHz

Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.

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.

7.8.6 Test Results

EUT:	onetab T701	Model No.:	onetab T701
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2 /Mode4/ Mode 5	Test By:	Mary Hu



7.9 SPURIOUS RF CONDUCTED EMISSION

7.9.1 Applicable Standard

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

7.9.2 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. Attenuation below the general limits specified in §15.209(a) is not required. In addition, 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)).

7.9.3 Measuring Instruments

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

7.9.4 Test Setup

Please refer to Section 6.1 of this test report.

7.9.5 Test Procedure

Establish an emission level by using the following procedure:

- a) Set the center frequency and span to encompass frequency range to be measured.
- b) Set the RBW = 100 kHz.
- c) Set the VBW \geq [3 × RBW].
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.

h) Use the peak marker function to determine the maximum amplitude level. Then the limit shall be attenuated by at least 20 dB relative to the maximum amplitude level in 100 kHz.

7.9.6 Test Results

Remark: The measurement frequency range is from 30MHzHz 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.



7.10 ANTENNA APPLICATION

7.10.1 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 partyshall be used with the device.

7.10.2 Result

The EUT antenna is permanent attached PIFA antenna (Gain: 1.3dBi). It comply with the standard requirement.



7.11 FREQUENCY HOPPING SYSTEM (FHSS) EQUIPMENT REQUIREMENTS 7.11.1 Standard Applicable

According to FCC Part 15.247(a)(1), The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals. (g) Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section. (h) The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

7.11.2 Frequency Hopping System

This transmitter device is frequency hopping device, and complies with FCC part 15.247 rule. This device uses Bluetooth radio which operates in 2400-2483.5 MHz band. Bluetooth uses a radio technology called frequency-hopping spread spectrum, which chops up the data being sent and transmits chunks of it on up to 79 bands (1 MHz each; centred from 2402 to 2480 MHz) in the range 2,400-2,483.5 MHz. The transmitter switches hop frequencies 1,600 times per second to assure a high degree of data security. All Bluetooth devices participating in a given piconet are synchronized to the frequency-hopping channel for the piconet. The frequency hopping sequence is determined by the master's device address and the phase of the hopping sequence (the frequency to hop at a specific time) is determined by the master's internal clock. Therefore, all slaves in a piconet must know the master's device address and must synchronize their clocks with the master's clock. Adaptive Frequency Hopping (AFH) was introduced in the Bluetooth specification to provide an effective way for a Bluetooth radio to counteract normal interference. AFH identifies "bad" channels, where either other wireless devices are interfering with the Bluetooth signal or the Bluetooth signal is interfering with another device. The AFH-enabled Bluetooth device will then communicate with other devices within its piconet to share details of any identified bad channels. The devices will then switch to alternative available "good" channels, away from the areas of interference, thus having no impact on the bandwidth used.

This device was tested with an bluetooth system receiver to check that the device maintained hopping synchronization, and the device complied with these requirements for FCC Part 15.247 rule.

7.11.3 EUT Pseudorandom Frequency Hopping Sequence

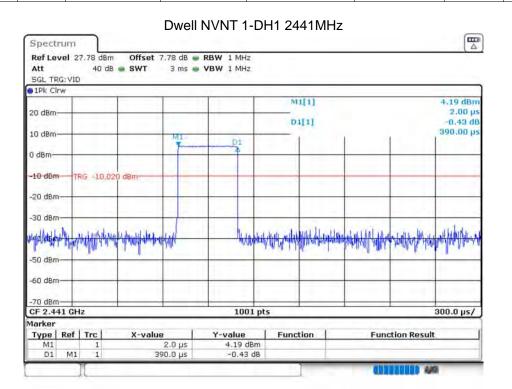
Pseudorandom Frequency Hopping Sequence Table as below: Channel: 08, 24, 40, 56, 40, 56, 72, 09, 01, 09, 33, 41, 33, 41, 65, 73, 53, 69, 06, 22, 04, 20, 36, 52, 38, 46, 70, 78, 68, 76, 21, 29, 10, 26, 42, 58, 44, 60, 76, 13, 03, 11, 35, 43, 37, 45, 69, 77, 55, 71, 08, 24, 08, 24, 40, 56, 40, 48, 72, 01, 72, 01, 25, 33, 12, 28, 44, 60, 42, 58, 74, 11, 05, 13, 37, 45 etc.

The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

8 TEST RESULTS

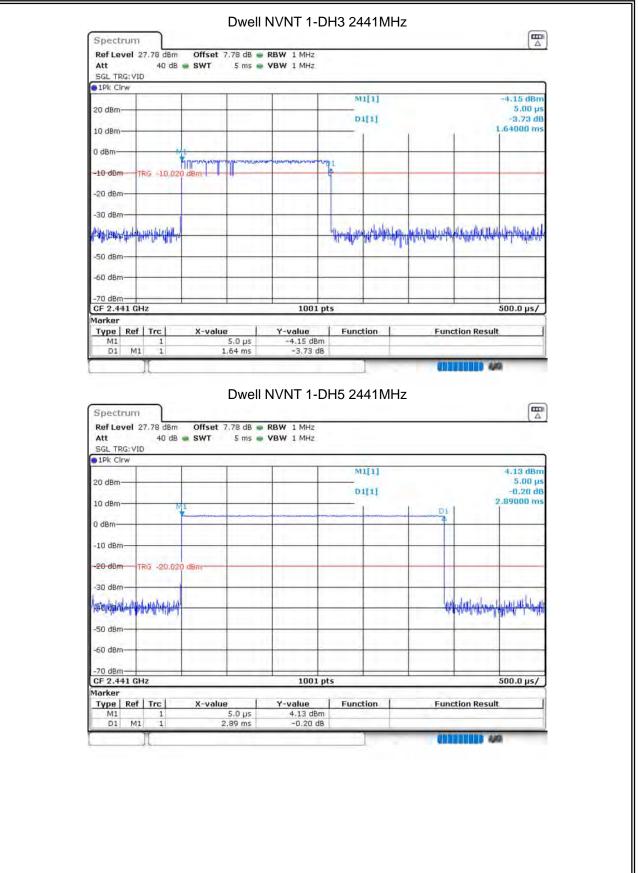
8.1 **DWELL TIME**

Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.39	124.8	31600	400	Pass
NVNT	1-DH3	2441	1.64	262.4	31600	400	Pass
NVNT	1-DH5	2441	2.89	308.267	31600	400	Pass
NVNT	2-DH1	2441	0.381	121.92	31600	400	Pass
NVNT	2-DH3	2441	1.625	260	31600	400	Pass
NVNT	2-DH5	2441	2.88	307.2	31600	400	Pass
NVNT	3-DH1	2441	0.381	121.92	31600	400	Pass
NVNT	3-DH3	2441	1.625	260	31600	400	Pass
NVNT	3-DH5	2441	2.88	307.2	31600	400	Pass





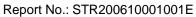


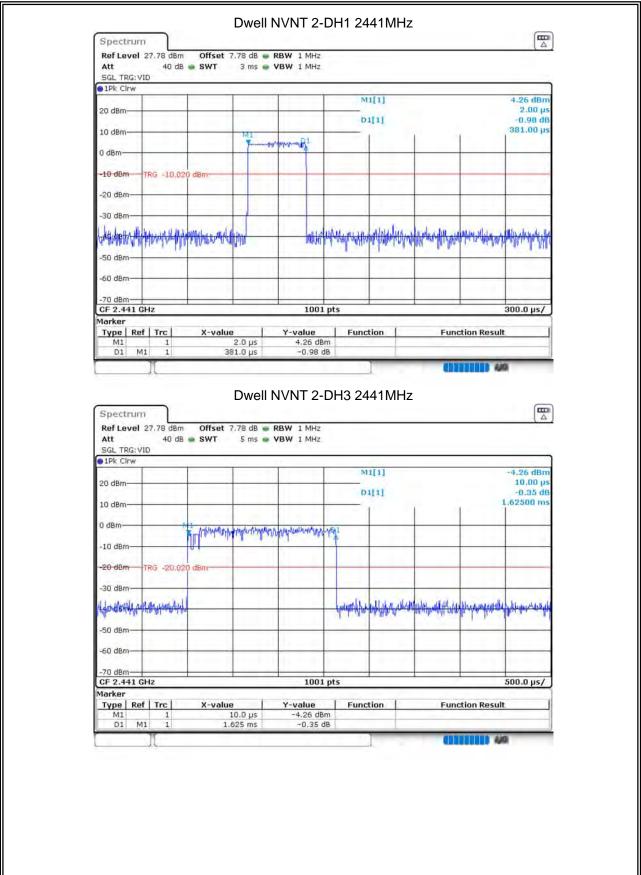


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Certificate #4298.01

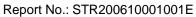


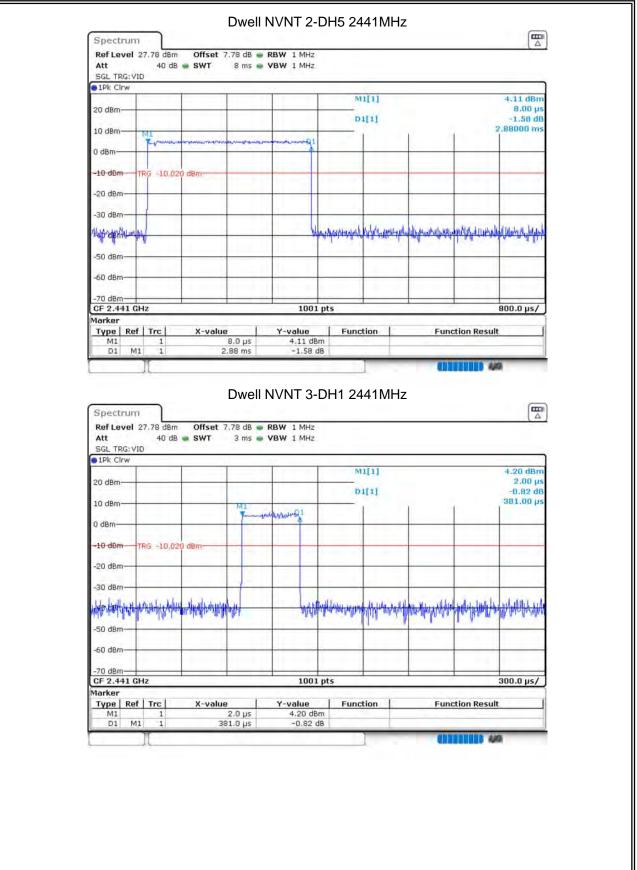




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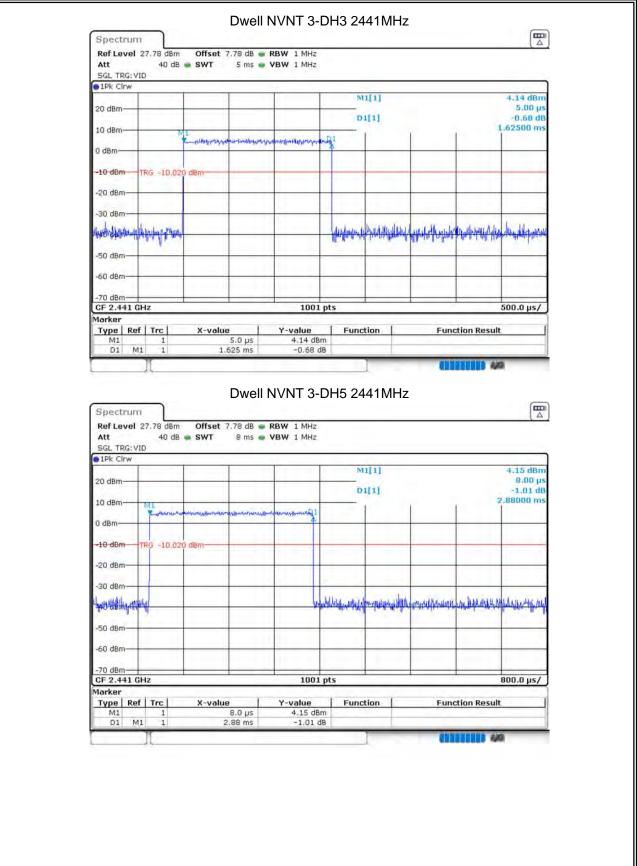




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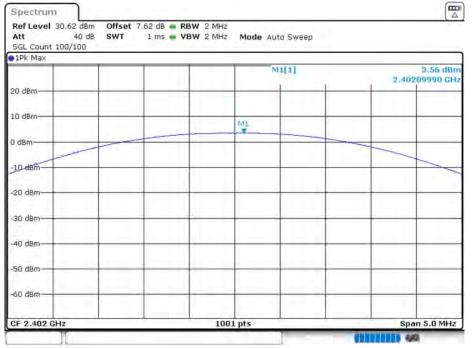
NTEKJLW

Report No.: STR200610001001E

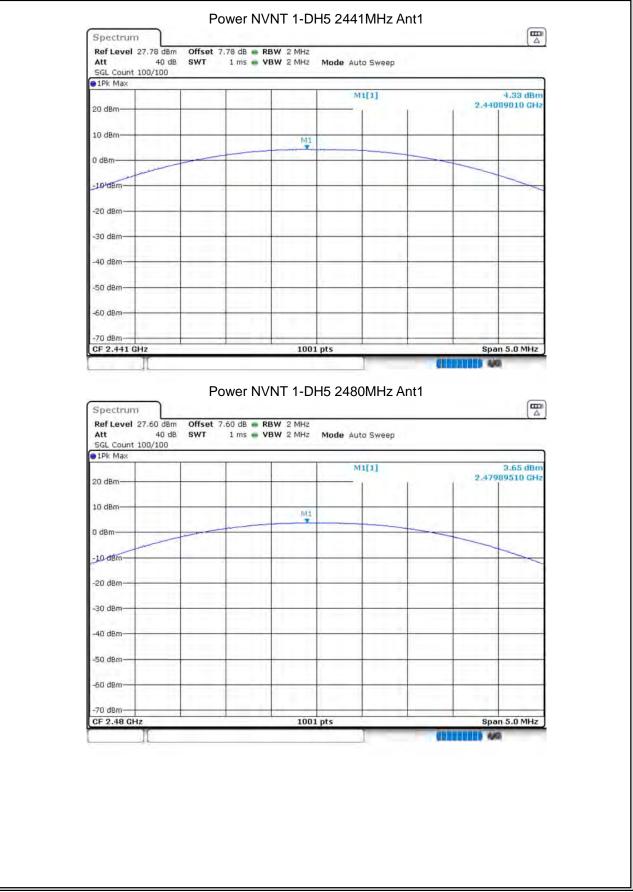
8.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant 1	3.556	30	Pass
NVNT	1-DH5	2441	Ant 1	4.326	30	Pass
NVNT	1-DH5	2480	Ant 1	3.647	30	Pass
NVNT	2-DH5	2402	Ant 1	5.375	20.97	Pass
NVNT	2-DH5	2441	Ant 1	6.136	20.97	Pass
NVNT	2-DH5	2480	Ant 1	5.597	20.97	Pass
NVNT	3-DH5	2402	Ant 1	5.734	20.97	Pass
NVNT	3-DH5	2441	Ant 1	6.509	20.97	Pass
NVNT	3-DH5	2480	Ant 1	5.858	20.97	Pass

Power NVNT 1-DH5 2402MHz Ant1



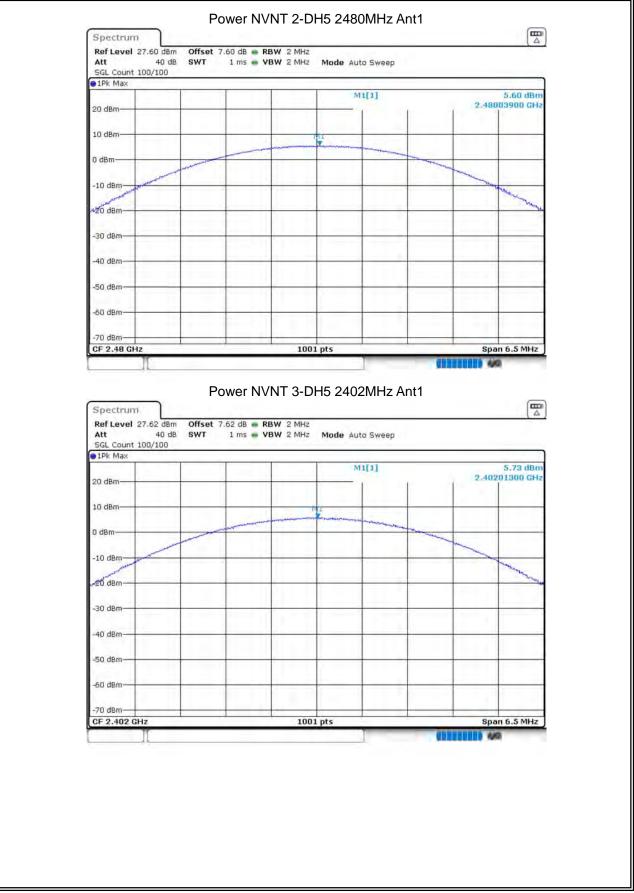


















8.3 OCCUPIED CHANNEL BANDWIDTH

		Fraguanay		99%	-20 dB	
Condition	Mode	Frequency (MHz)	Antenna	OBW	Bandwidth	Verdict
		(11112)		(MHz)	(MHz)	
NVNT	1-DH5	2402	Ant 1	0.8152	0.924	Pass
NVNT	1-DH5	2441	Ant 1	0.8192	0.862	Pass
NVNT	1-DH5	2480	Ant 1	0.8252	0.922	Pass
NVNT	2-DH5	2402	Ant 1	1.1808	1.276	Pass
NVNT	2-DH5	2441	Ant 1	1.1808	1.282	Pass
NVNT	2-DH5	2480	Ant 1	1.1788	1.274	Pass
NVNT	3-DH5	2402	Ant 1	1.1808	1.276	Pass
NVNT	3-DH5	2441	Ant 1	1.1808	1.276	Pass
NVNT	3-DH5	2480	Ant 1	1.1848	1.274	Pass

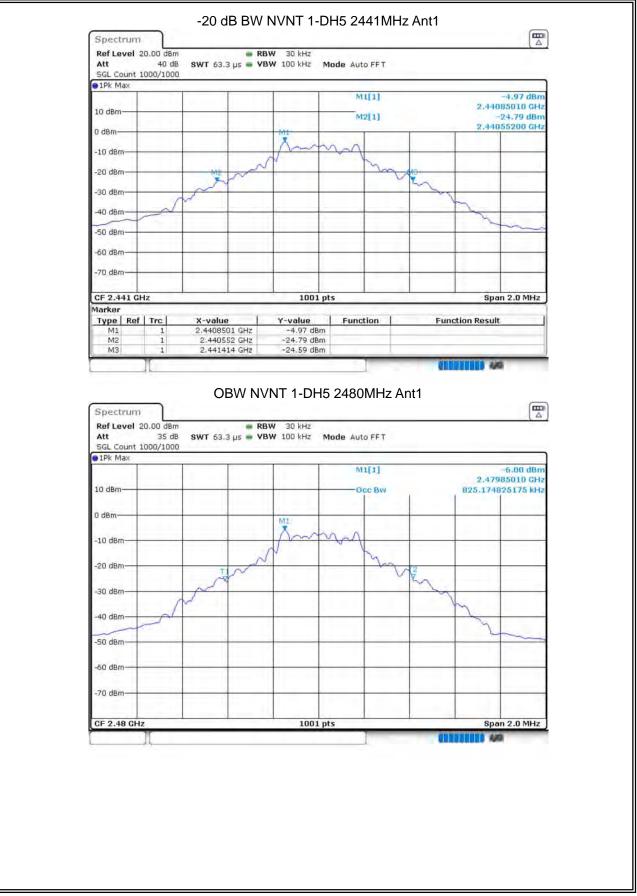
OBW NVNT 1-DH5 2402MHz Ant1











Version.1.3

















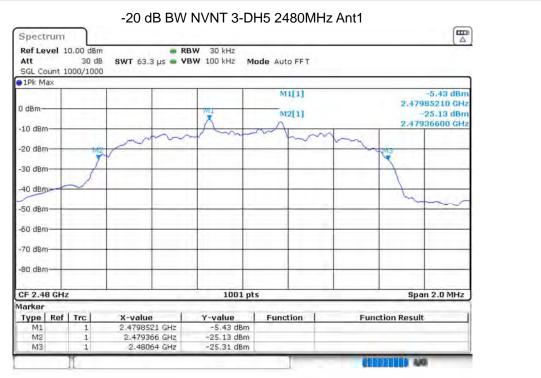








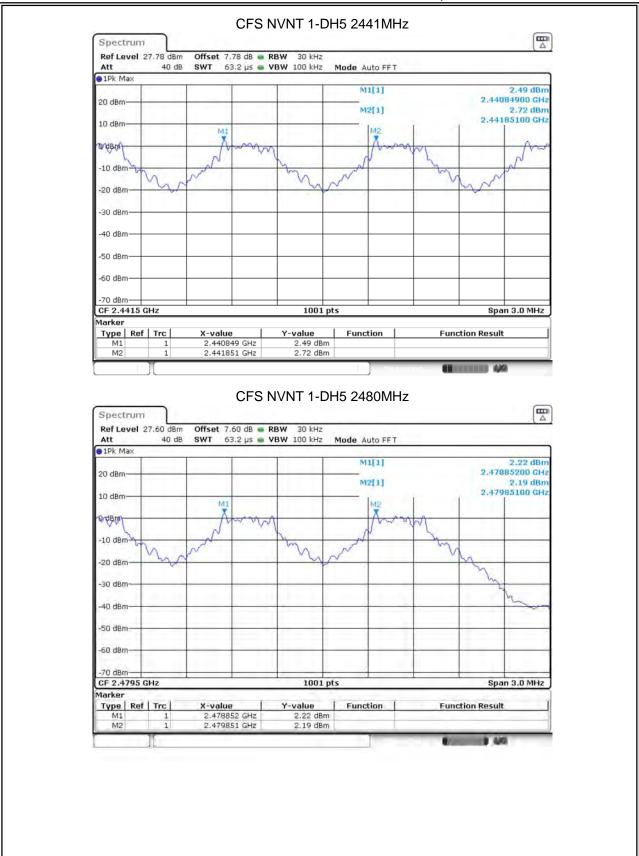






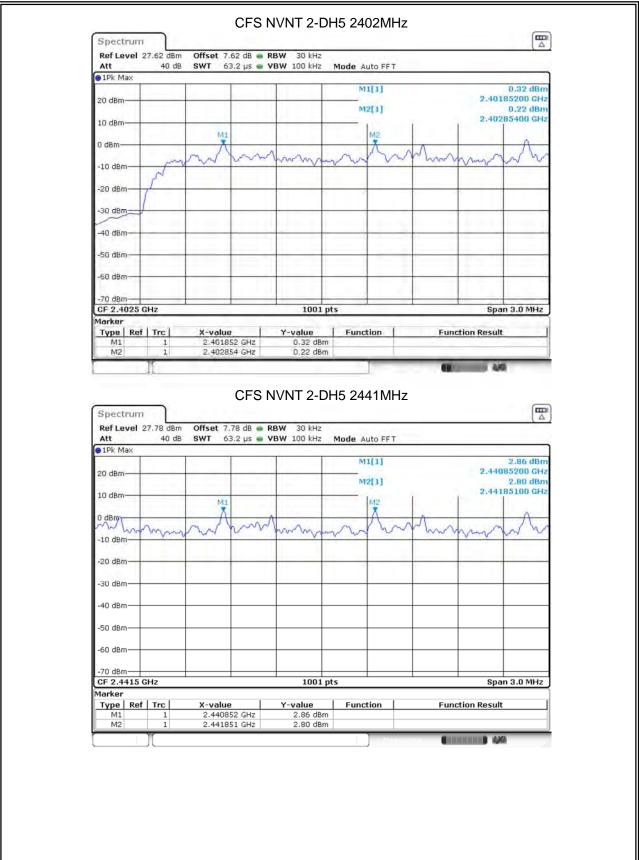
Condition	Mod	le	Hoppin	ng Freq	1 (MHz)	Hoppi	ng Freq2	2 (MHz)	HFS (MH	lz)	Limit (MHz)	Verdic
NVNT	1-DH			2401.84			2402.85		1.002		0.924	Pass
NVNT	1-DH	15		2440.84	19		2441.85	1	1.002		0.862	Pass
NVNT	1-DH	15		2478.85	52		2479.85	1	0.999		0.922	Pass
NVNT	2-DF	15		2401.85	52		2402.85	4	1.002		0.851	Pass
NVNT	2-DF	15		2440.85	52		2441.85	1	0.999		0.855	Pass
NVNT	2-DF	15		2478.85	52		2479.85	4	1.002		0.849	Pass
NVNT	3-DF	15		2401.85	52		2402.85	4	1.002		0.851	Pass
NVNT	3-DF	15		2440.85	52		2441.85	4	1.002		0.849	Pass
NVNT	3-DH	15		2478.85	52		2479.85	4	1.002		0.849	Pass
•	IPk Max	1				1		11[1]			2.11 dBm	
	itt IPk Max	-	40 dB	SWT 63	3.2 µs 🥌 🦠	/BW 100 kH		Auto FFT				
20	dBm-			-				41[1]		2	2.11 dBm 2.40184900 GHz	
							1	12[1]			2.23 dBm	
10	dBm-	-		MI			-	M2	i.	2	2.40285100 GHz	
n	dBm			X				X			Ann	
Ĩ.					m nV	V		d	wat		N	
-1	0 dBm—	-		No		Day .	1		m		N	
-2	0 dBm—		N	v		V/	N		V	h	~~	
-	o upin	0	5				r			~		
-3	0 dBm—	nt	-			-	-	+		-		
~	D-dBm-	1		6 - CONTRA - 1		1.0.0	1					
	-0-0BIII-			_				1				
-5	0 dBm-	-				-		-	-			
-6	0 dBm—	-	-	_				-	-		-	
-7	0 dBm-	-	_			-	-	-	-	_		
_	F 2.402	5 GHz	-			100	1 pts				Span 3.0 MHz	
	arker		- 1	144-012400	1		1					
-	ype R M1	er Ir	1	X-value 2.40194		Y-value 2.11 d		ction	Fund	tion R	esuit	
	M2		1	2,4028		2.23 d						
		TC	_				-	Y.			a airt	
r												





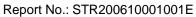
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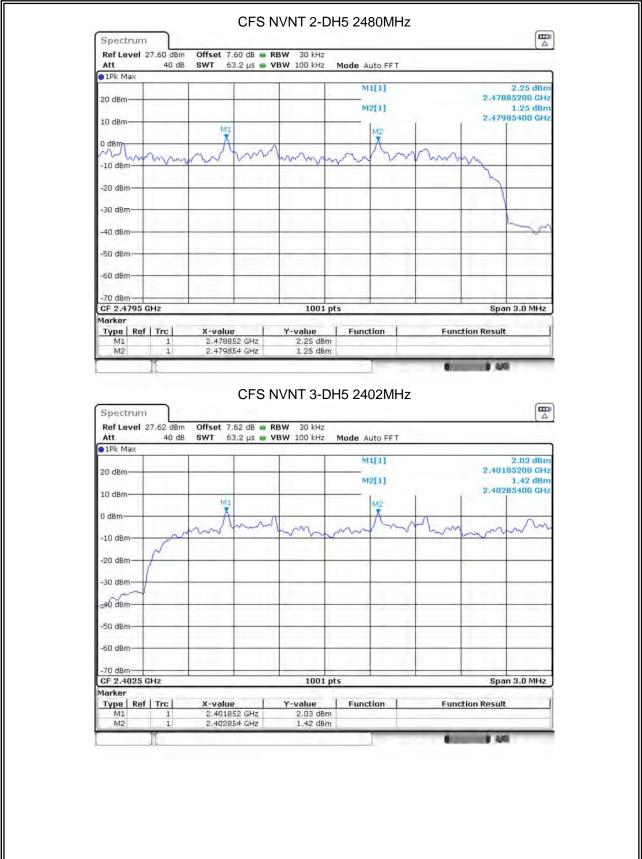




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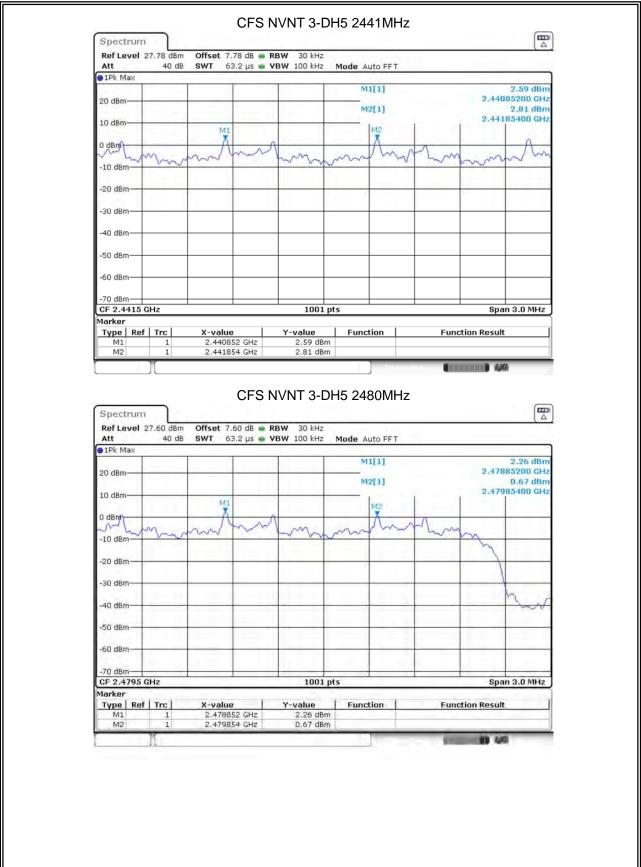






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	ING CHANNEL Condition	Mode	Hopping Number	Limit	Verdict	
	NVNT	1-DH5	79	15	Pass	
	H	lopping N	No. NVNT 1-DH5 240	02MHz		_
Spectrur Ref Level		t 7.62 dB 🖷 R	RBW 100 kHz			
Att	40 dB SWT 5000/5000		VBW 300 kHz Mode Auto Sw	eep		
1Pk Max			M1[1]			3.13 dBm
20 dBm			M2[1]			3.01 dBm 300765 GHz
		NABARARARA	INARAARAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	ANANANAN	ARAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	M2
-1¢ gaup+r			<u>MANANANANANANANANANA</u>	WWW		
-20 dBm						
-80 dBm						
40 dBm-				-		he
-50 dBm-				2		
-70 dBm						
Start 2.4 Marker	and an open services and the services of the s		1001 pts		Stop 2	.4835 GHz
Type Re M1	ef Trc X-va 1 2.4	olue 01837 GHz	Y-value Function	E	unction Result	
6.40			3.13 dBm			t
M2	1 2.48	00765 GHz	3.13 08m 3.01 dBm	_		
	1 2.48					6
[]	1 2.48					0
mz	1 2.48					0
	1 2.48					0
M2	1 2.48					0
M2	1 2.48					
M2	1 2.48					
	1 2.48					
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	1 2.48					
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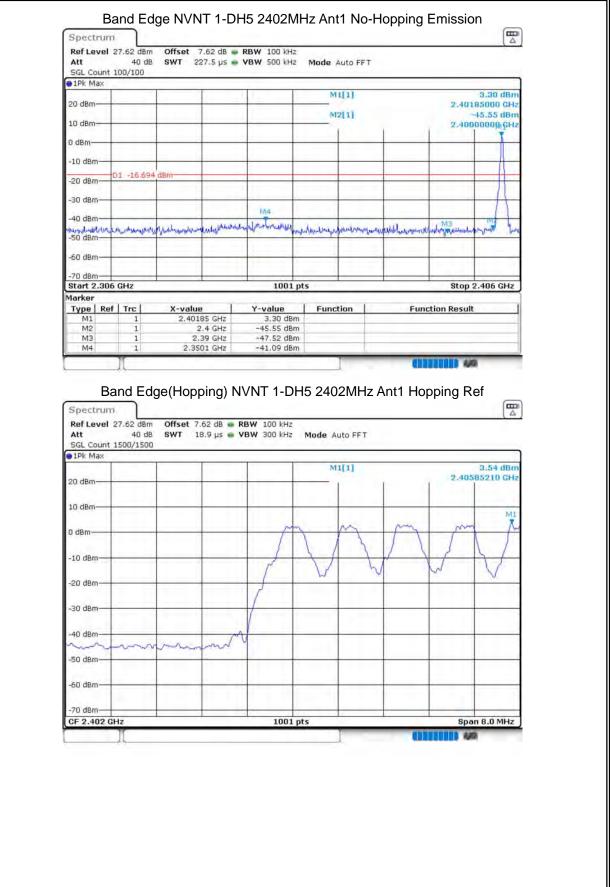
8.6 BAND EDGE

3.0	BAND EDO	ΞE						
	Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
	NVNT	1-DH5	2402	Ant 1	No-Hopping	-44.39	-20	Pass
	NVNT	1-DH5	2402	Ant 1	Hopping	-43.6	-20	Pass
	NVNT	1-DH5	2480	Ant 1	No-Hopping	-46.55	-20	Pass
	NVNT	1-DH5	2480	Ant 1	Hopping	-45.57	-20	Pass
	NVNT	2-DH5	2402	Ant 1	No-Hopping	-44.87	-20	Pass
	NVNT	2-DH5	2402	Ant 1	Hopping	-43.53	-20	Pass
	NVNT	2-DH5	2480	Ant 1	No-Hopping	-47.17	-20	Pass
	NVNT	2-DH5	2480	Ant 1	Hopping	-44.72	-20	Pass
	NVNT	3-DH5	2402	Ant 1	No-Hopping	-45.6	-20	Pass
	NVNT	3-DH5	2402	Ant 1	Hopping	-40.7	-20	Pass
	NVNT	3-DH5	2480	Ant 1	No-Hopping	-46.13	-20	Pass
	NVNT	3-DH5	2480	Ant 1	Hopping	-46.3	-20	Pass





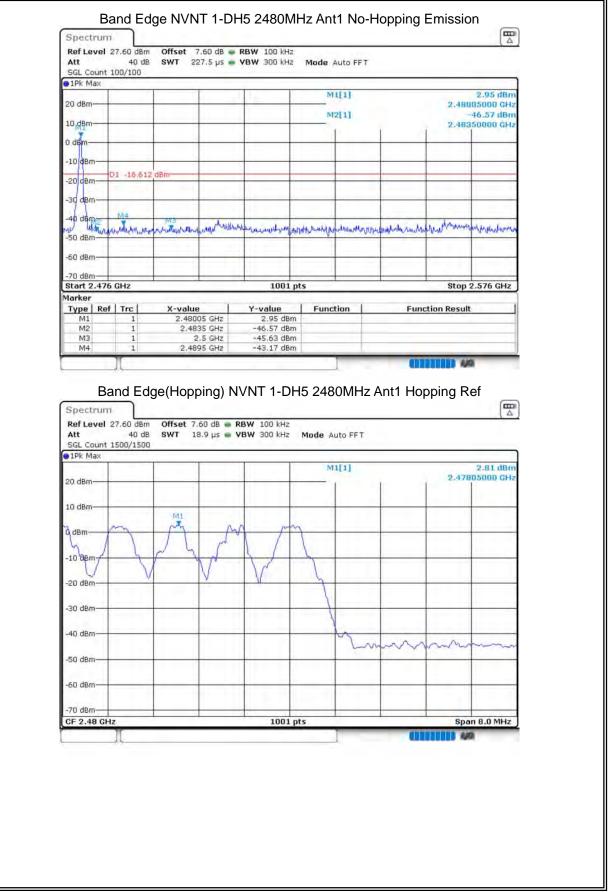




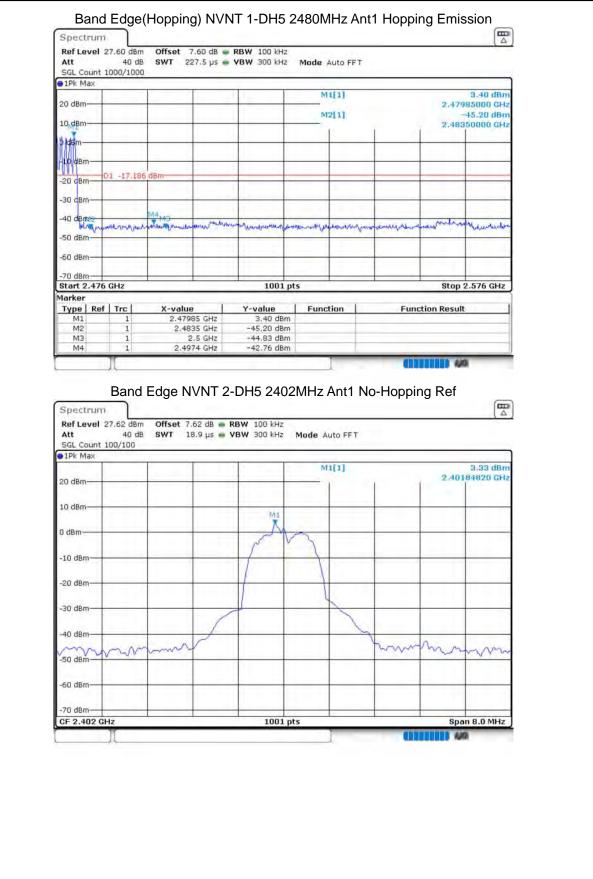








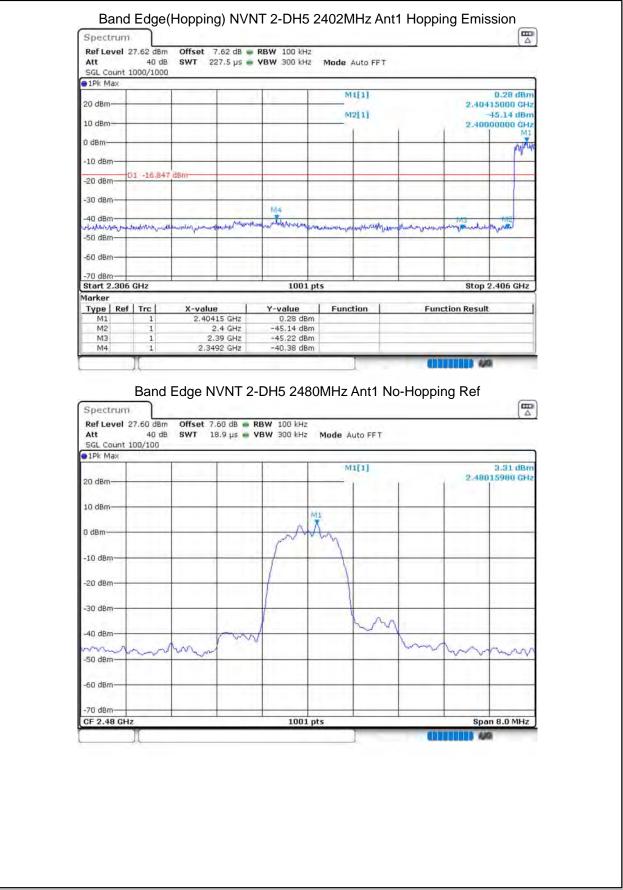




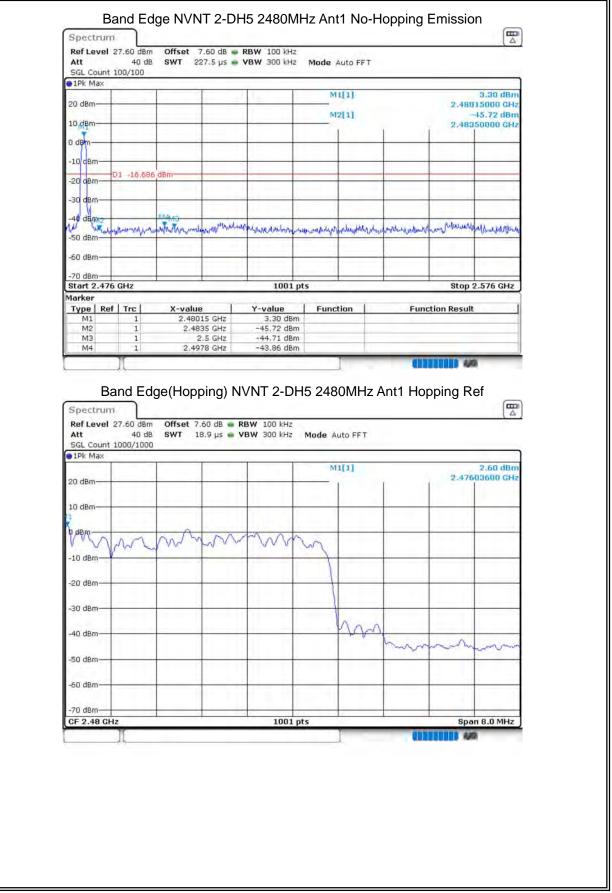


SGL Count	40 dB 100/100			28W 100 kH: 28W 300 kH:		uto FFT		_	
			1	1	MI	[1]		10.70	1.67 dBm
20 dBm					M2	[1]			205000 GHz -46.35 dBm
10 dBm					1		- J	2.400	DODOOD CHZ
0 dBm	-	-		-					
-10 dBm		-							
-20 dBm	D1 -16.670	dBm			-		-		
-30 dBm						-			
			M4			1.1			
-40 dBm-	anno Minimuch	hormandrated	panenthe	parath house	hannenatenna	hilphings help	And Aluman All	M3	Amount the
-50 dBm					-				-
-60 dBm		-			-		-		-
-70 dBm		-							-
Start 2.30 Marker	6 GHz			1001	pts		_	Stop	2.406 GHz
Type Re		X-value		Y-value	Functi	on	Func	tion Resul	t I
M1	1		05 GHz	1.67 dB					
		2							
M2 M3	1	2.3	39 GHz	-46.68 dB					
M2 M3 M4 Spectrur Ref Level Att SGL Count		2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D 3w 100 kHz	m H5 2402	and -	ant1 Hop	oping R	ef
M2 M3 M4 B Spectrun Ref Level Att SGL Count 1Pk Max	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D 3w 100 kHz	m H5 2402	to FFT	ant1 Hop		(<u>∩</u> ∆ 3.15 dBm
M2 M3 M4 Spectrur Ref Level Att SGL Count	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D 3w 100 kHz	m H5 2402 Mode Au	to FFT	nt1 Hop		
M2 M3 M4 B Spectrun Ref Level Att SGL Count 1Pk Max	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D 3w 100 kHz	m H5 2402 Mode Au	to FFT	nt1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm-	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D 3w 100 kHz	m H5 2402 Mode Au	to FFT	.nt1 Hop		(<u>∩</u> ∆ 3.15 dBm
M2 M3 M4 Spectrum Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	Int1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm-	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D 3w 100 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 Spectrur Ref Level Att SGL Count 10 dBm 10 dBm 0 dBm -10 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 Spectrur Ref Level Att SGL Count SGL Count 10 dBm 10 dBm 0 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 Spectrur Ref Level Att SGL Count 10 dBm 10 dBm 0 dBm -10 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 B Spectrur Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 B Spectrur Ref Level Att SGL Count SGL Count IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 B Spectrur Ref Level Att SGL Count SGL Count IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 B Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm	1 1 27.62 dBm 40 dB	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop		3.15 dBm 585210 GHz
M2 M3 M4 B Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	1 1 27.52 dBm 40 dB 1000/1000	2.3 2.343 ge(Hopp Offset 7.	39 GHZ 31 GHZ Ding) N\ 62 dB • RE	-46.68 dBi -41.54 dBi /NT 2-D aw 100 kHz bw 300 kHz	m H5 2402 Mode Au	to FFT	ant1 Hop	2.40	3.15 dBm 585210 GHz

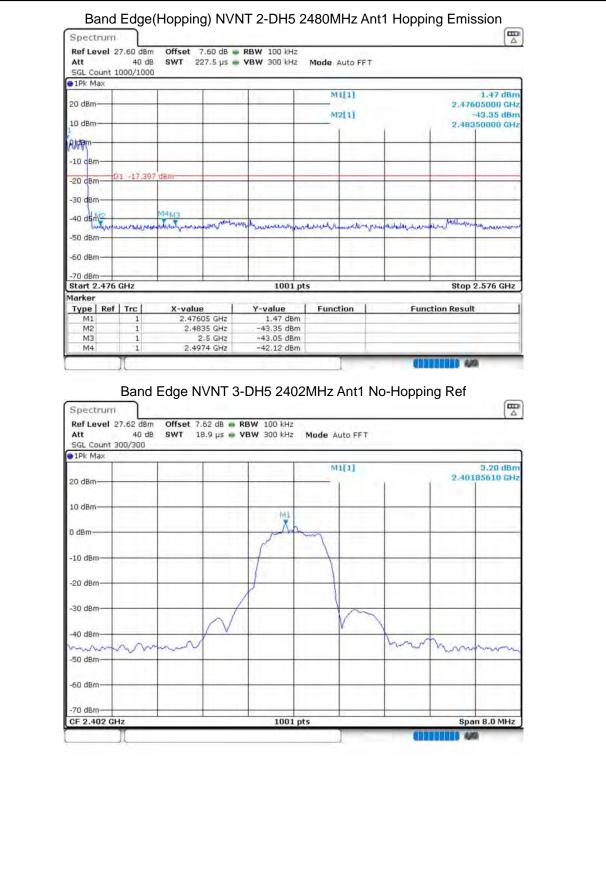












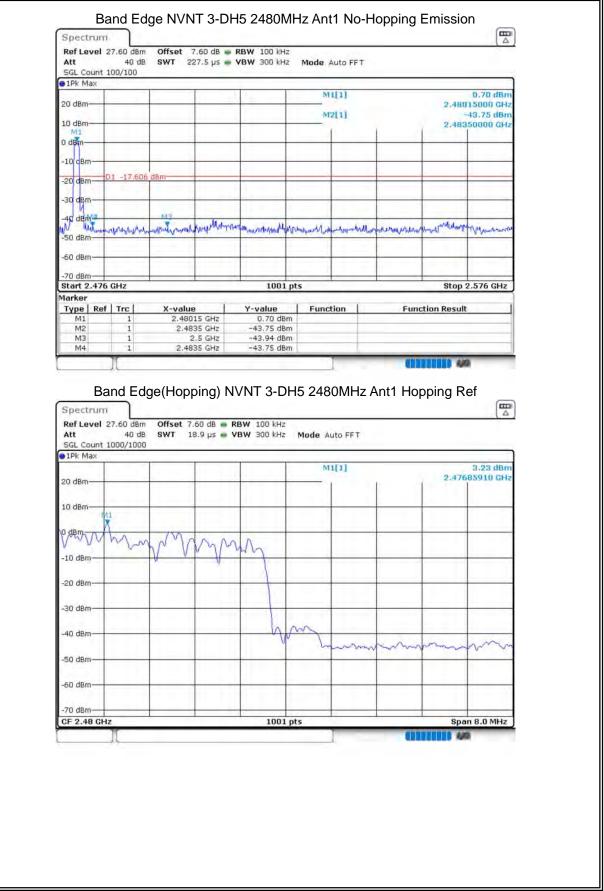


	100/100	SWT 227	7.5 µs 🖷	VBW 300 k	Hz Mode A	uto FFT				
1Pk Max				1	MI	[1]		10	3.38 c	
20 dBm					M2	2[1]		2.40	185000 -45.26 t	
10 dBm				-	-			2.40	000000	
0 dBm				-	-			-		
-10 dBm					-					
-20 dBm	01 -16.798	dBm		1			-			
				1						
-30 dBm	1.1.1.1.1		M4		· . · · · · · · · · · · · · · · · · · ·			1.15		
-40 dBm-	mutulition	-	Harrison	Approver house	manuana	WARMANNA	March Inda	MB	and	box
-50 dBm								1. 19 6		
-60 dBm		-		-	-		-		-	-
-70 dBm								-		
Start 2.30 Marker	6 GHz			100	01 pts	_	-	Stop	2.406 G	Hz
Type Re	f Trc	X-value	1	Y-value	Funct	ion	Fund	tion Resul	t	1
M1 M2	1	2.4018	5 GHz 4 GHz	3.38 0						_
M3	1	2.3	9 GHz	-46.27 0	dBm					
	1.1	2 340	1 GHz	-42.40 c	dBm				_	
Spectrun Ref Level Att SGL Count		ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	DH5 2402 Hz Hz Mode Au	10.0	nt1 Ho	oping R	lef	
B Spectrum Ref Level Att	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	nt1 Hoj	oping R		
B Spectrum Ref Level Att SGL Count	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	10.0	ant1 Hoj		-0.16 c	lBm
B Spectrun Ref Level Att SGL Count 9 IPk Max 20 dBm-	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	ant1 Hoj		-0.16 c	lBm
B Spectrum Ref Level Att SGL Count • 1Pk Max	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	ant1 Hoj		-0.16 c	lBm
B Spectrun Ref Level Att SGL Count 9 IPk Max 20 dBm-	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	ant1 Hoj		-0.16 c	lBm
B Spectrum Ref Level Att SGL Count SGL Count 20 dBm- 10 dBm- 0 dBm-	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	nt1 Ho		-0.16 c	lBm
B Spectrum Ref Level Att SGL Count SGL Count 10 dBm- 10 dBm-	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	ant1 Hoj		-0.16 c	lBm
B Spectrum Ref Level Att SGL Count SGL Count 20 dBm- 10 dBm- 0 dBm-	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	ant1 Ho		-0.16 c	lBm
B Spectrum Ref Level Att SGL Count 9 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	ant1 Ho		-0.16 c	lBm
B Spectrum Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	ant1 Ho		-0.16 c	lBm
B Spectrum Ref Level Att SGL Count 9 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	2 dB F 9 μs V	RBW 100 kH	Hz Hz Mode Au	ito FFT			-0.16 c	lBm
B Spectrum Ref Level Att SGL Count IN Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	62 dB 🖷 R	RBW 100 kH	Hz Hz Mode Au	ito FFT	ant1 Hop		-0.16 c	lBm
B Spectrum Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	2 dB F 9 μs V	RBW 100 kH	Hz Hz Mode Au	ito FFT			-0.16 c	lBm
B Spectrum Ref Level Att SGL Count ID dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -40 dBm	and Edg 77 27.62 dBm 40 dB	ge(Hopp offset 7.6	2 dB F 9 μs V	RBW 100 kH	Hz Hz Mode Au	ito FFT			-0.16 c	lBm
B Spectrum Ref Level Att SGL Count SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm	and Edg 1. 27.62 dBm 40 dB 1000/1000	ge(Hopp offset 7.6	2 dB F 9 μs V		Hz Mode Au	ito FFT			-0.16 c	lBm
B Spectrum Ref Level Att SGL Count SGL Count ID dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	and Edg 1. 27.62 dBm 40 dB 1000/1000	ge(Hopp offset 7.6	2 dB F 9 μs V		Hz Hz Mode Au	ito FFT	ant1 Ho	2.40	-0.16 c	IBm GHz







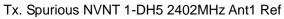




		Mode Auto FFT	RBW 100 kHz VBW 300 kHz			7.60 dBm 40 dB 000/1000		Att
							X	1Pk Ma
3.42 dBm		M1[1]						20 dBm-
2.47915000 GHz -44.81 dBm		M2[1]						20 aBm-
2,48350000 GHz		012[1]						10 dBm-
2,1000000 0112	1 1	1						MIT
					-		-	Plaem-
								10 M
							-	-10 cBm
-	-				dBm	1 -16.768	0	-20 cBm
			1					-20 4611
							-	-30 dBm-
					1110			4
and anthewalk panalesson		All and the section	di se contra di seconda	A A A A A A A A A A A A A A A A A A A	IMB			-40 dBm
warnes and have man	monument	auguran march mar Man	and Martin and March	and a street and	and a superior	- and your		-50 dBm
								-SU GBM
					-		-	-60 dBm
								oo abiii
							-	-70 dBm
		5	1001 pts			GHz	476	Start 2.
Stop 2.576 GHz								larker
Stop 2.576 GHz			Y-value	alue	X-value	Trc	Ref	Type
Stop 2.576 GHz	Func	Function						6.8.8
	Func	Function	3.42 dBm	47915 GHz	2.479	1		M1
	Func	Function	3.42 dBm -44.81 dBm	47915 GHz 4835 GHz	2,48	1		M2
	Func	Function	3.42 dBm	47915 GHz	2,48			

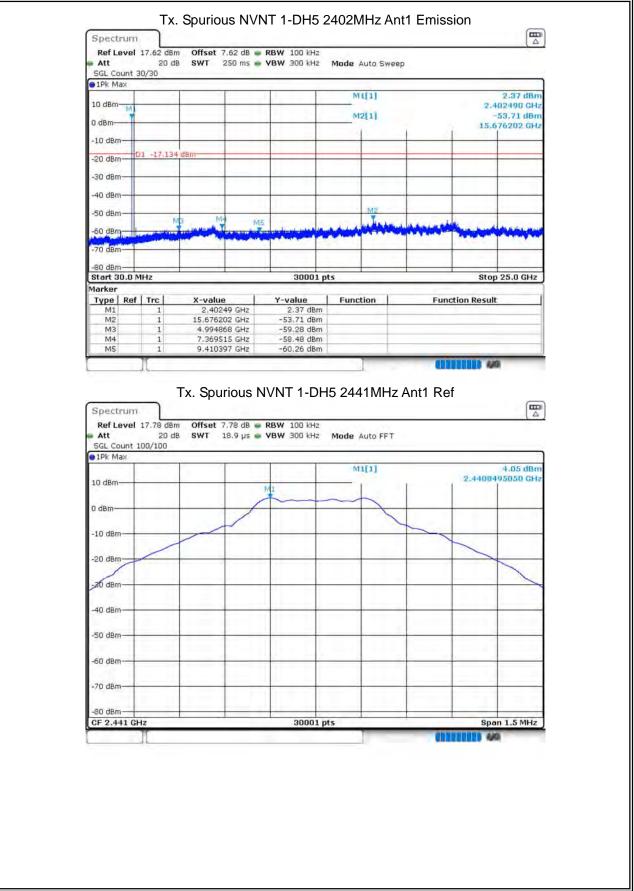
8.7 CONDUCTED RF SPURIOUS EMISSION

CONDUCTED						
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant 1	-56.58	-20	Pass
NVNT	1-DH5	2441	Ant 1	-57.79	-20	Pass
NVNT	1-DH5	2480	Ant 1	-57.61	-20	Pass
NVNT	2-DH5	2402	Ant 1	-57.48	-20	Pass
NVNT	2-DH5	2441	Ant 1	-56.19	-20	Pass
NVNT	2-DH5	2480	Ant 1	-52.43	-20	Pass
NVNT	3-DH5	2402	Ant 1	-53.31	-20	Pass
NVNT	3-DH5	2441	Ant 1	-54.32	-20	Pass
NVNT	3-DH5	2480	Ant 1	-55.86	-20	Pass

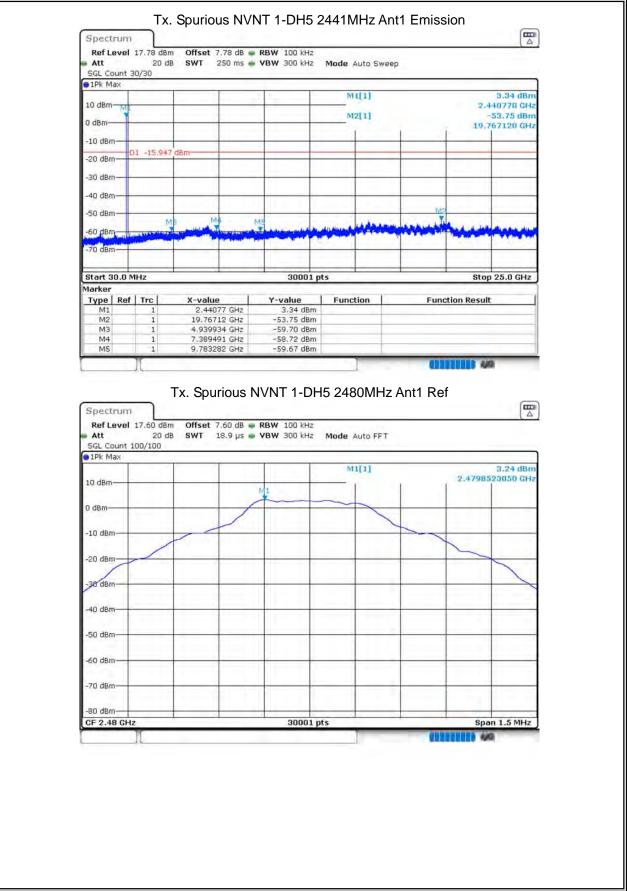




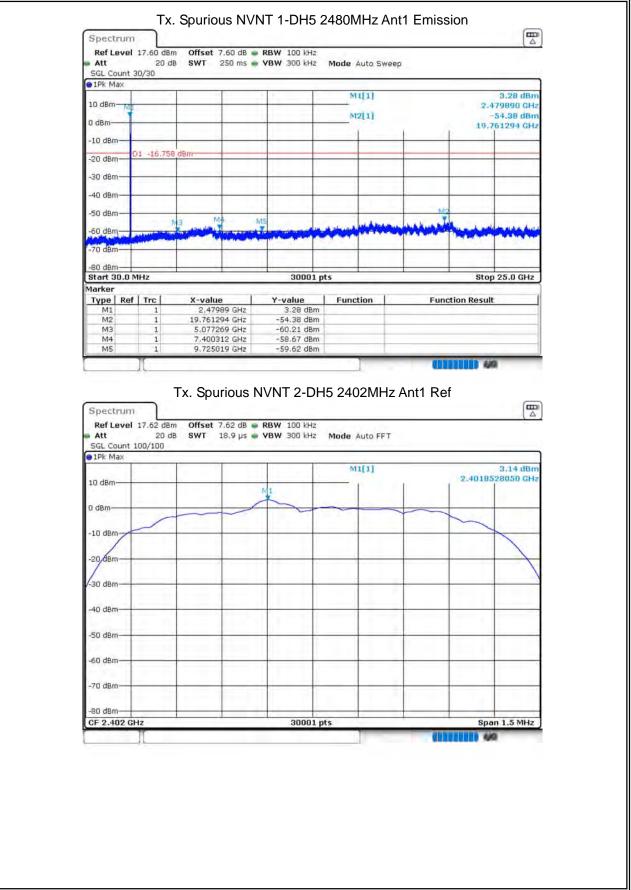




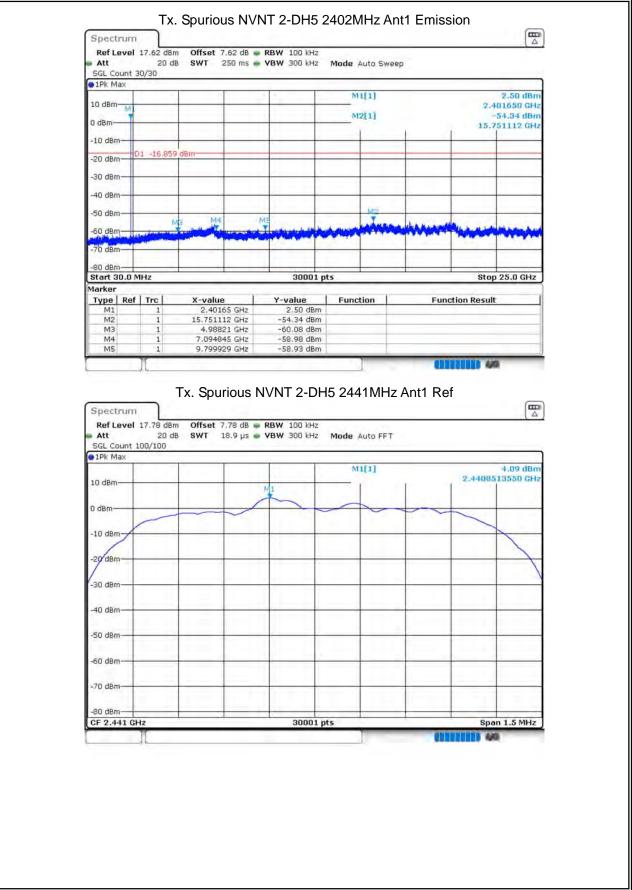




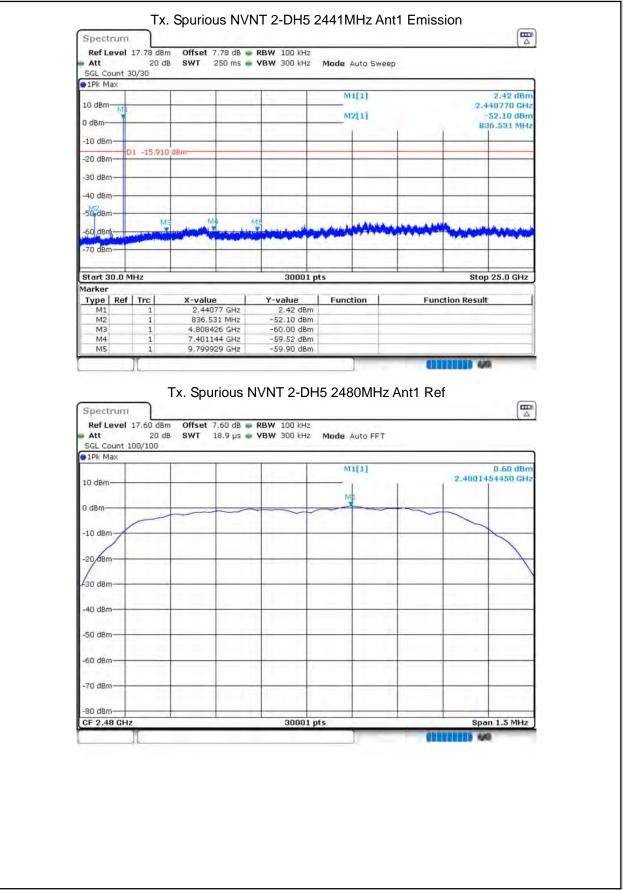




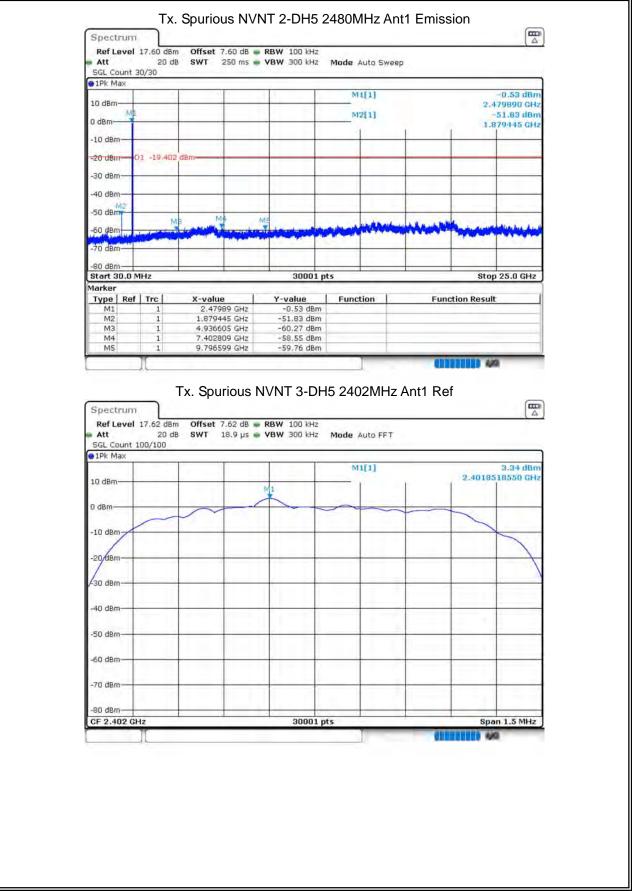




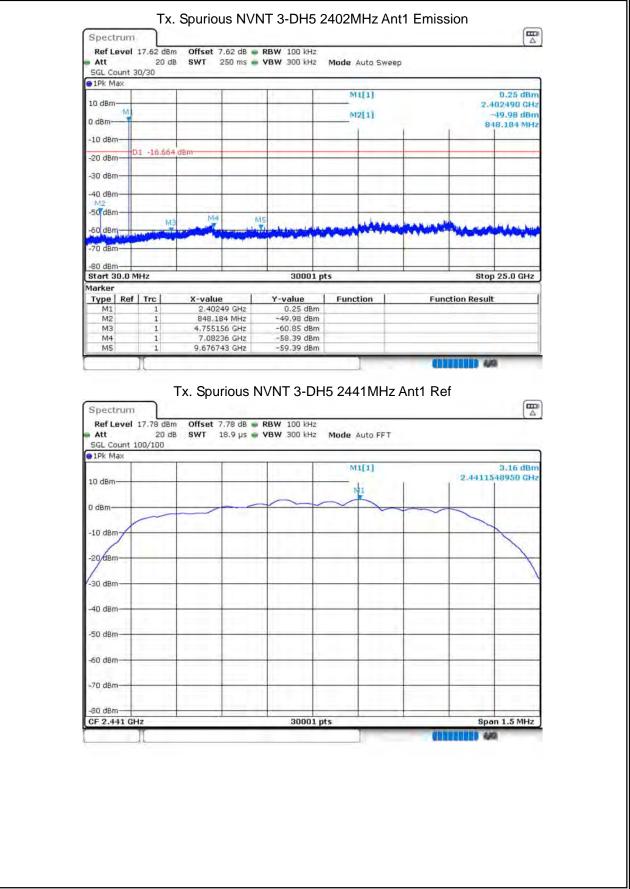




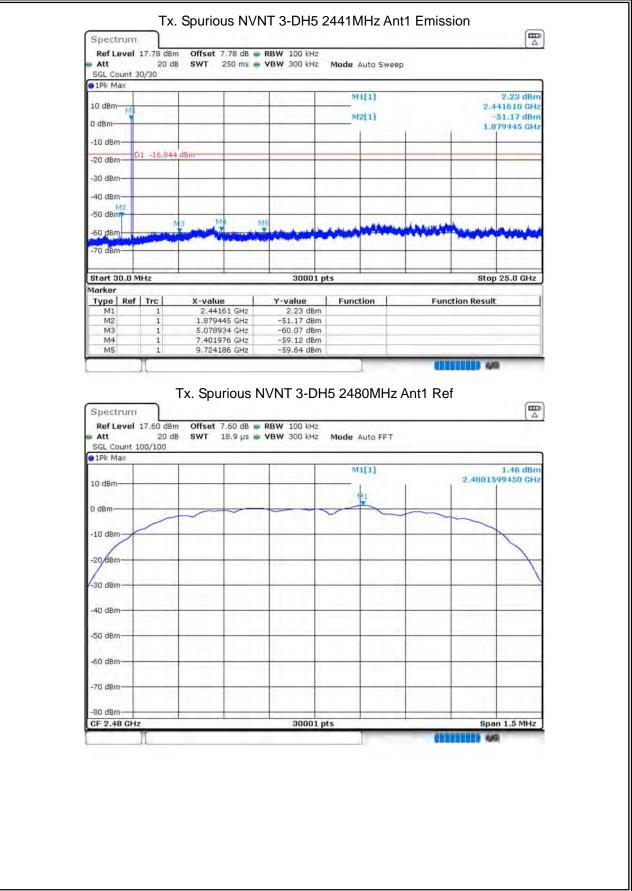




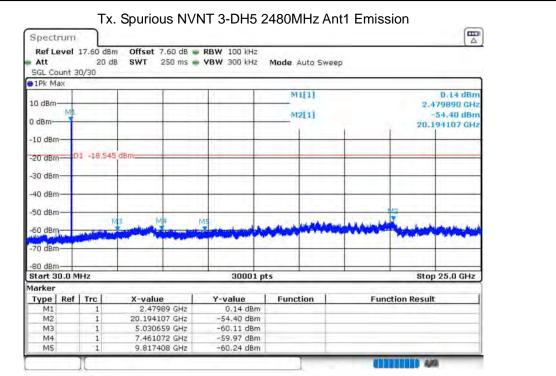












END OF REPORT