



RADIO TEST REPORT FCC ID: 055181823

Product:2G flip phoneTrade Mark:LOGIC, ISWAG, UNONUModel No.:LOGIC F11Family Model:Folder, U28Report No.:STR230328003001EIssue Date:May 06, 2023

Prepared for

SWAGTEK

10205 NW 19th Street STE101 Miami, FL 33172, United States

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 / 2320 0090 Website: http://www.ntek.org.cn





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1 TEST RESULT CERTIFICATION

SWAGTEK
10205 NW 19th Street STE101 Miami, FL 33172, United States
SWAGTEK
10205 NW 19th Street STE101 Miami, FL 33172, United States
2G flip phone
LOGIC F11
Folder, U28
T230328002R003

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	:	Mar 28, 2023 ~ May 06, 2023
		Krang. Hu
Testing Engineer	:	
		(Mary Hu)
		Alex
Authorized Signatory	:	
		(Alex Li)





2 SUMMARY OF TEST RESULTS

FCC Part15 (15.247), Subpart C				
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		

Certificate #4298.01

Remark:

1. "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 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
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	2G flip phone	
Trade Mark	LOGIC, ISWAG, UNONU	
FCC ID	O55181823	
Model No.	LOGIC F11	
Family Model	Folder, U28	
Model Difference	All the model are the same circuit and RF module, except the Model names.	
Operating Frequency	2402MHz~2480MHz	
Modulation	GFSK, π/4-DQPSK, 8-DPSK	
Number of Channels	79 Channels	
Antenna Type	PIFA Antenna	
Antenna Gain	1.3 dBi	
Adapter	Model: WTLF-B18 Input: AC 100-240V, 50-60Hz 0.3A Output: DC 5.0V500mA	
Battery	DC 3.7V, 800mAh	
Power supply	DC 3.7V from battery or DC 5V from Adapter.	
Hardware version	M28_MB_V3.0	
Software version	LOGIC_F11_TIGO_GT	

Note 1: 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.





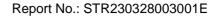
Revision History

ACCREDITED Certificate #4298.01

ilac-MR

Report No.	Version	Description	Issued Date
STR230328003001E	Rev.01	Initial issue of report	May 06, 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.

Certificate #4298.01

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 AO an extine Oral state Englishing and tate to the section of the sector to the sector of			

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 1Mbps 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	Note: The engineering test program was provided and the EUT was programmed to be in continuously					

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



ACCREDITED Certificate #4298.01

C-2	EUT AE-2 Earphone	C-1	AE-1 Adapter	AC	PLUG			
or Radiated Test (Cases							
	EUT							
r Conducted Tes	t Cases							
Measurement Instrument	C-3 EU	IT						
ote: 1. The tempo d this temporary	orary antenna con antenna connect	or is listed	oldered on th in the equipn ery is fully-cha	nent list.	urd in orde	er to perfo	orm con	ducted t





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	WTLF-B18	N/A	Peripherals
AE-2	Earphone	N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	USB Cable	NO	NO	0.9m
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".

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6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation& Conducted Test equipment

	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	2022.06.16	2023.06.15	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2022.06.16	2023.06.15	1 year
4	Test Receiver	R&S	ESPI7	101318	2023.03.27	2024.04.26	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2023.03.16	2024.03.16	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
7	Horn Antenna	SCHWARZBE CK	BBHA 9120 D	2816	2023.01.12	2024.01.11	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	2022.06.17	2023.06.16	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	2022.06.16	2023.06.15	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2022.06.17	2025.06.16	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2022.06.17	2025.06.16	3 year
14	High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2022.06.17	2025.06.16	3 year
15	Filter	TRILTHIC	2400MHz	29	2023.03.26	2026.03.25	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 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	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	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

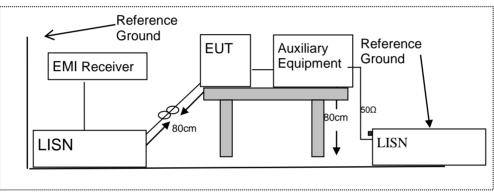
	Conducted Emission Limit				
Frequency(MHz)	Quasi-peak	Average			
0.15-0.5	66-56*	56-46*			
0.5-5.0	56	46			
5.0-30.0	60	50			

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

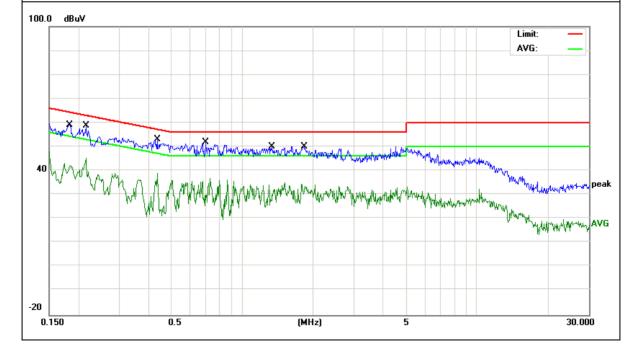
EUT:	2G flip phone	Model Name :	LOGIC F11
Temperature:	22.1 ℃	Relative Humidity:	53%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1833	49.45	9.61	59.06	64.33	-5.27	QP
0.1833	32.29	9.61	41.90	54.33	-12.43	AVG
0.2149	49.06	9.62	58.68	63.01	-4.33	QP
0.2149	35.50	9.62	45.12	53.01	-7.89	AVG
0.4339	43.47	9.66	53.13	57.18	-4.05	QP
0.4339	29.24	9.66	38.90	47.18	-8.28	AVG
0.6978	42.12	9.67	51.79	56.00	-4.21	QP
0.6978	27.24	9.67	36.91	46.00	-9.09	AVG
1.3380	40.29	9.68	49.97	56.00	-6.03	QP
1.3380	22.58	9.68	32.26	46.00	-13.74	AVG
1.8380	40.34	9.68	50.02	56.00	-5.98	QP
1.8380	24.62	9.68	34.30	46.00	-11.70	AVG

Remark:

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

2. Factor = Insertion Loss + Cable Loss.



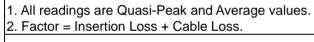


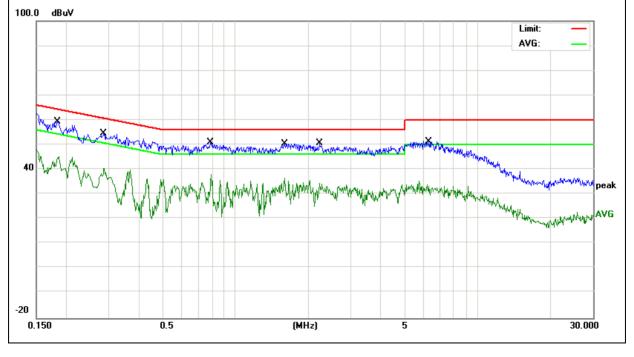


EUT:	2G flip phone	Model Name :	LOGIC F11
Temperature:	22.1 ℃	Relative Humidity:	53%
Pressure:	1010hPa	Phase :	Ν
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1833	49.64	9.64	59.28	64.33	-5.05	QP
0.1833	35.59	9.64	45.23	54.33	-9.10	AVG
0.2857	45.05	9.63	54.68	60.65	-5.97	QP
0.2857	30.75	9.63	40.38	50.65	-10.27	AVG
0.7860	41.32	9.68	51.00	56.00	-5.00	QP
0.7860	28.36	9.68	38.04	46.00	-7.96	AVG
1.5940	40.83	9.67	50.50	56.00	-5.50	QP
1.5940	26.77	9.67	36.44	46.00	-9.56	AVG
2.2179	40.96	9.67	50.63	56.00	-5.37	QP
2.2179	24.83	9.67	34.50	46.00	-11.50	AVG
6.3059	41.60	9.80	51.40	60.00	-8.60	QP
6.3059	23.93	9.80	33.73	50.00	-16.27	AVG

Remark:









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(wiriz)	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.



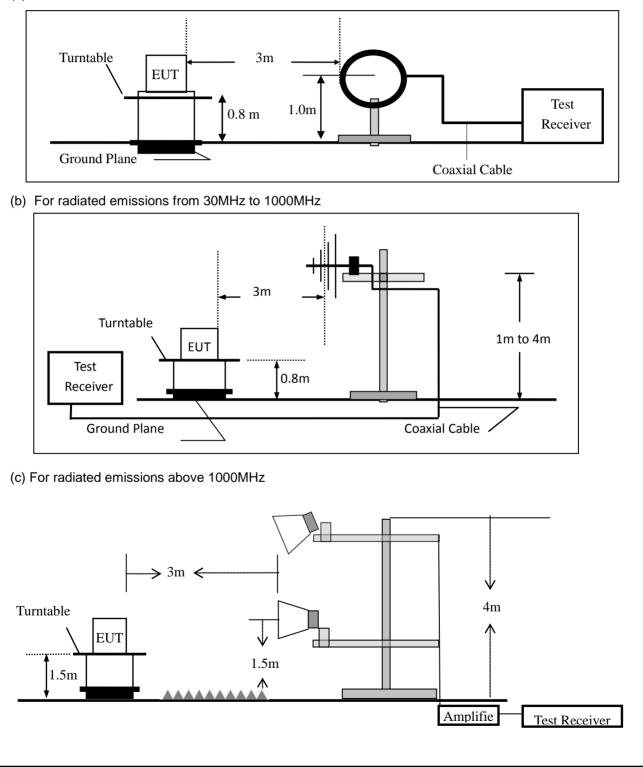


7.2.3 Measuring Instruments

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:

eee and rene ming opeon and analyzer betange	
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 test, the Spectrum Analyzer was set with the following configurations:

Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth		
30 to 1000	QP	120 kHz	300 kHz		
Above 1000	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

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

EUT:	2G flip phone	Model No.:	LOGIC F11
Temperature:	20 °C	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.





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Spurious Emission below 1GHz (30MHz to 1GHz) All the modulation modes have been tested, and the worst result was report as below: EUT: 2G flip phone Model Name : LOGIC F11 **25.4** ℃ Relative Humidity: 54% Temperature: 1010hPa Test Mode: Mode 3 Pressure: DC 3.7V Test Voltage : Meter Emission Factor Limits Frequency Margin Polar Reading Level Remark (H/V) (dBuV/m) (MHz) (dBuV) (dB) (dBuV/m) (dB) V 33.2288 24.68 -4.84 QP 10.48 35.16 40.00 V 43.0505 15.17 19.27 34.44 40.00 -5.56 QP V 86.2001 16.23 26.34 40.00 -13.66 QP 10.11 V 502.9395 8.18 24.90 33.08 46.00 -12.92QP 7.41 QP V 645.1195 27.12 34.53 46.00 -11.47 836.2441 7.81 V 30.05 37.86 46.00 -8.14 QP **Remark:** Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m Limit: Margin: X (ţ 5 32 persisten and before when the 3 a mother with that he -8 30.000 40 50 70 80 (MHz) 300 400 500 600 700 1000.000 60





Polar	Frequ	ency		Mete eadii		Factor		nission Level	Lim	its	Ma	argin	Re	marl	
(H/V)	(MHz)		(((dBuV)		(dB) (dBuV/m)		BuV/m)	(dBuV/m)		((dB)			
Н	30.5	305		6.06	6	26.17		32.23		40.00		7.77	(QΡ	
Н	153.2	2004		15.21 18		18.41		33.62	43.	50	-6	9.88	(QΡ	
H 423.5403			9.68	}	23.72		33.40	46.	00	-1	2.60	(QΡ		
Н	582.7	7425		7.32	2	26.22		33.54	46.	00	-1	2.46	(QΡ	
Н	758.0)407		7.18	3	28.96		36.14	46.	00	-6	9.86	(QΡ	
Н	881.4	1067		7.54	ŀ	30.57		38.11	46.	00	-7	7.89	(QΡ	
												Limit: Margin:	_		
32 X	100 mm	Munumun	kurrere del	F	datino	-hosterarian				3 X Martine	4 dente	5			
-8	40	50 60	70	80		((MHz)		300	400	500 0	500 700	100	0.000	



|--|--|

EU	T:	2G flip	phone		Model	No.:	LOG	IC F11			
Те	mperature:	20 °C			Relativ	e Humidity	: 48%				
Ге	st Mode:	Mode2	2/Mode3	Mode4	Test B	by:	Mary	Mary Hu			
١I	the modulatio	n modes	have be	en tested,	and the	worst result	was repo	rt as belov	N:		
	Frequency	Read Level			Preamp Factor	Emission Level Limits		Margin	Margin		
	(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m	(dB)			
				Low Chann	el (2402 M	lHz)(GFSK)-	Above 10	i			
	4804.221	63.13	5.21	35.59	44.30	59.63	74.00	-14.37	Pk	Vertical	
	4804.221	43.42	5.21	35.59	44.30	39.92	54.00	-14.08	AV	Vertical	
	7206.7265	60.70	6.48	36.27	44.60	58.85	74.00	-15.15	Pk	Vertical	
	7206.7265	42.74	6.48	36.27	44.60	40.89	54.00	-13.11	AV	Vertical	
	4804.1175	63.89	5.21	35.55	44.30	60.35	74.00	-13.65	Pk	Horizontal	
	4804.1175	42.71	5.21	35.55	44.30	39.17	54.00	-14.83	AV	Horizontal	
	7206.0951	7206.0951 63.17 6.48 36.27		44.52	61.40	74.00	-12.60	Pk	Horizontal		
	7206.0951 42.64 6.48 36.27		44.52	40.87	54.00	-13.13	AV	Horizontal			
				Mid Chann	el (2441 M	Hz)(GFSK)-	-Above 1G				
	4882.7195	63.16	5.21	35.66	44.20	59.83 74.00		-14.17	-14.17 Pk		
	4882.7195	43.50	5.21	35.66	44.20	40.17	54.00	-13.83	AV	Vertical	
ſ	7323.0272	64.33	7.10	36.50	44.43	63.50	74.00	-10.50	Pk	Vertical	
	7323.0272	43.47	7.10	36.50	44.43	42.64	54.00	-11.36	AV	Vertical	
	4882.2907	64.77	5.21	35.66	44.20	61.44	74.00	-12.56	Pk	Horizontal	
	4882.2907	40.60	5.21	35.66	44.20	37.27	54.00	-16.73	AV	Horizontal	
	7324.3677	62.33	7.10	36.50	44.43	61.50	74.00	-12.50	Pk	Horizontal	
	7324.3677	42.73	7.10	36.50	44.43	41.90	54.00	-12.10	AV	Horizontal	
			ŀ	ligh Chann	el (2480 M	Hz)(GFSK)-	- Above 10	3			
	4959.2054	64.47	5.21	35.52	44.21	60.99	74.00	-13.01	Pk	Vertical	
	4959.2054	43.66	5.21	35.52	44.21	40.18	54.00	-13.82	AV	Vertical	
	7439.6841	63.32	7.10	36.53	44.60	62.35	74.00	-11.65	Pk	Vertical	
	7439.6841	42.12	7.10	36.53	44.60	41.15	54.00	-12.85	AV	Vertical	
	4960.4662	60.23	5.21	35.52	44.21	56.75	74.00	-17.25	Pk	Horizontal	
	4960.4662	43.75	5.21	35.52	44.21	40.27	54.00	-13.73	AV	Horizontal	
	7440.5342	63.51	7.10	36.53	44.60	62.54	74.00	-11.46	Pk	Horizontal	
Ī	7440.5342	41.60	7.10	36.53	44.60	40.63	54.00	-13.37	AV	Horizontal	

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Note:

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





Report No.: STR230328003001E

ΕL	JT:	2G flip pho	one		Mod	el No.:	I	LOGI	C F11				
Те	mperature:	20 °C			Rela	tive Humidit	y: 4	48%					
Те	st Mode:	Mode2/ M	ode4		Test	By:	1	Mary	Hu				
А	I the modul	ation mode	es have	been teste	ed, and th	ne worst res	ult was	s repo	ort as be	low:			
					Preamp Factor			its	ts Margin Detector		Comment		
	(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµ\	//m)	(dB)	Туре			
	1Mbps(GFSK)-Non-hopping												
	2310.00	56.81	2.97	27.80	43.80	43.78	74	ł	-30.22	Pk	Horizontal		
	2310.00	44.13	2.97	27.80	43.80	31.10	54	ļ	-22.90	AV	Horizontal		
	2310.00	52.41	2.97	27.80	43.80	39.38	74	ł	-34.62	Pk	Vertical		
	2310.00	43.73	2.97	27.80	43.80	30.70	54	ł	-23.30	AV	Vertical		
	2390.00	51.27	3.14	27.21	43.80	37.82	74	ł	-36.18	Pk	Vertical		
	2390.00	42.36	42.36 3.14 27.21 4		43.80	28.91	28.91 54		-25.09	AV	Vertical		
	2390.00	52.78	3.14	27.21	43.80	39.33	74	ł	-34.67	Pk	Horizontal		
	2390.00	42.16	3.14	27.21	43.80	28.71	54	ļ	-25.29	AV	Horizontal		
	2483.50	54.10	3.58	27.70	44.00	41.38	74	ļ	-32.62	Pk	Vertical		
	2483.50	43.92	3.58	27.70	44.00	31.20	54	ļ	-22.80	AV	Vertical		
	2483.50	51.86	3.58	27.70	44.00	39.14	74	ļ	-34.86	Pk	Horizontal		
	2483.50	41.18	3.58	27.70	44.00	28.46	54	54 -25.		AV	Horizontal		
					1Mbps(G	FSK)-hoppin	g						
	2310.00	52.74	2.97	27.80	43.80	39.71	74.(00	-34.29	Pk	Vertical		
	2310.00	42.10	2.97	27.80	43.80	29.07	54.0	00	-24.93	AV	Vertical		
	2310.00	54.56	2.97	27.80	43.80	41.53	74.(00	-32.47	Pk	Horizontal		
	2310.00	45.97	2.97	27.80	43.80	32.94	54.0	00	-21.06	AV	Horizontal		
	2390.00	54.12	3.14	27.21	43.80	40.67	74.(00	-33.33	Pk	Vertical		
	2390.00	42.80	3.14	27.21	43.80	29.35	54.0	00	-24.65	AV	Vertical		
	2390.00	53.87	3.14	27.21	43.80	40.42	74.0	00	-33.58	Pk	Horizontal		
	2390.00	41.46	3.14	27.21	43.80	28.01	54.0	00	-25.99	AV	Horizontal		
	2483.50	53.41	3.58	27.70	44.00	40.69	74.(00	-33.31	Pk	Vertical		
	2483.50	44.63	3.58	27.70	44.00	31.91	54.0	00	-22.09	AV	Vertical		
	2483.50	54.50	3.58	27.70	44.00	41.78	74.0	00	-32.22	Pk	Horizontal		
	2483.50	40.66	3.58	27.70	44.00	27.94	54.0	00	-26.06	AV	Horizontal		

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

Comment

Vertical Vertical

Horizontal

Horizontal

Vertical

Vertical

Horizontal

Horizontal

Vertical

Vertical

Horizontal

Horizontal

r	NTEK ILW Report No.: S													
	Spurious Emission in Restricted Band 3260MHz-18000MHz													
EUT: 2G flip phone							Model	No.:		LOGIC F11				
Те	mperature:		20 °C				Relativ	e Humidit	y:	48%				
Те	st Mode:		Mode	2 / Mode	3 / Mode4	ŀ	Test B	y:		Mary Hu				
AI	the modula	ation	mode	s have b	een testeo	d, a	nd the	worst res	ult wa	is rep	oort as be	low:		
	Frequency		ading evel	Cable Loss	Antenna Factor		reamp Factor	Emission Level Lir		iits	Margin	Detector		
	(MHz)	lz) (dBµV)		(dB)	dB/m		(dB)	(dBµV/m)	(dBµV/m)		(dB)	Туре		
	3260 60.53		0.53	4.04	29.57	4	14.70	49.44	74		-24.56	Pk		
	3260	4	7.68	4.04	29.57	4	14.70	36.59	54		-17.41	AV		

44.70

44.70

44.40

44.40

44.40

44.40

43.50

43.50

44.60

44.60

46.29

32.42

51.52

36.31

54.45

37.23

59.11

45.72

65.86

47.44

74

54

74

54

74

54

74

54

74

54

-27.71

-21.58

-22.48

-17.69

-19.55

-16.77

-14.89

-8.28

-8.14

-6.56

Ρk

AV

Pk

AV

Ρk

AV

Ρk

AV

Ρk

AV

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

4.04

4.04

4.26

4.26

4.26

4.26

10.99

10.99

11.81

11.81

29.57

29.57

29.87

29.87

29.87

29.87

43.95

43.95

43.69

43.69

57.38

43.51

61.79

46.58

64.72

47.50

47.67

34.28

54.96

36.54

3260

3260

3332

3332

3332

3332

17797

17797

17788

17788





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.

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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 ≥ RBW

Sweep = auto

Detector function = peak Trace = max hold

7.3.6 Test Results

EUT:	2G flip phone	Model No.:	LOGIC F11
Temperature:	20 °C	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 ≥ RBW

Sweep = auto

Detector function = peak

Trace = max hold

7.4.6 Test Results

EUT:	2G flip phone	Model No.:	LOGIC F11
Temperature:	20 °C	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:	2G flip phone	Model No.:	LOGIC F11	
Temperature:	20 °C	Relative Humidity:	48%	
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mary Hu	

Test data reference attachment.

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Note:

A Period Time = (channel number)*0.4 DH1 Dwell time: Reading * (1600/2)*31.6/(channel number) DH3 Dwell time: Reading * (1600/4)*31.6/(channel number) DH5 Dwell time: Reading * (1600/6)*31.6/(channel number)

For Example:

- 1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4×79) (s), Hops Over Occupancy Time comes to $(1600 / 6 / 79) \times (0.4 \times 79) = 106.67$ hops.
- In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
- 3. Dwell Time(s) = Hops Over Occupancy Time (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:	2G flip phone	Model No.:	LOGIC F11
Temperature:	20 °C	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

 $\mathsf{VBW} \geq \mathsf{RBW}$

Sweep = auto

Detector function = peak Trace = max hold

7.7.6 Test Results

EUT:	2G flip phone	Model No.:	LOGIC F11	
Temperature:	20 °C	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:	2G flip phone	Model No.:	LOGIC F11
Temperature:	20 °C	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 party shall be used with the device.

7.10.2 Result

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

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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.





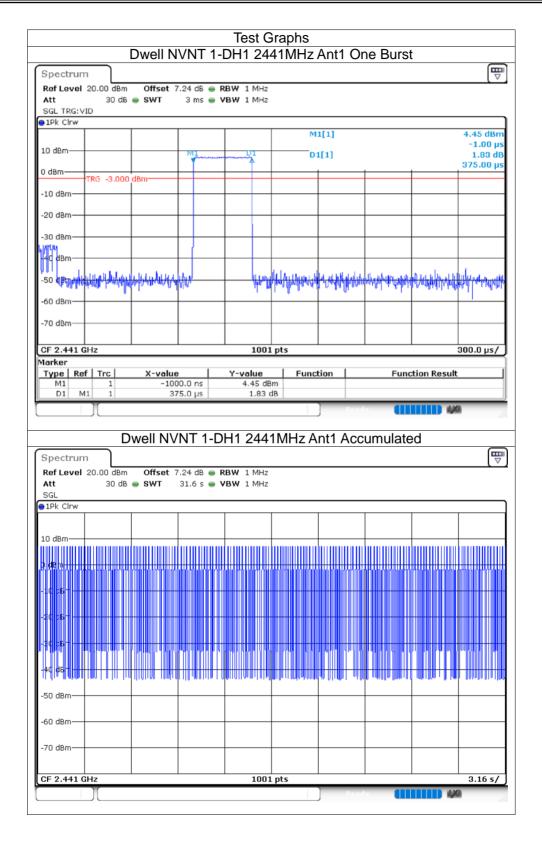
8 TEST RESULTS

8.1 **DWELL TIME**

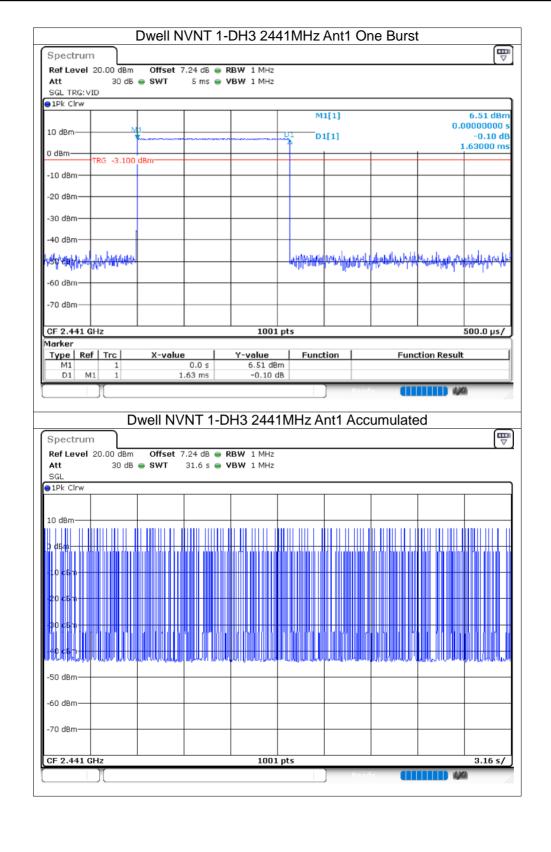
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.375	76.125	203	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.63	203.75	125	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.88	267.84	93	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.381	78.867	207	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.635	212.55	130	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.888	251.256	87	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.381	78.105	205	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.633	259.647	159	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.888	271.472	94	31600	400	Pass



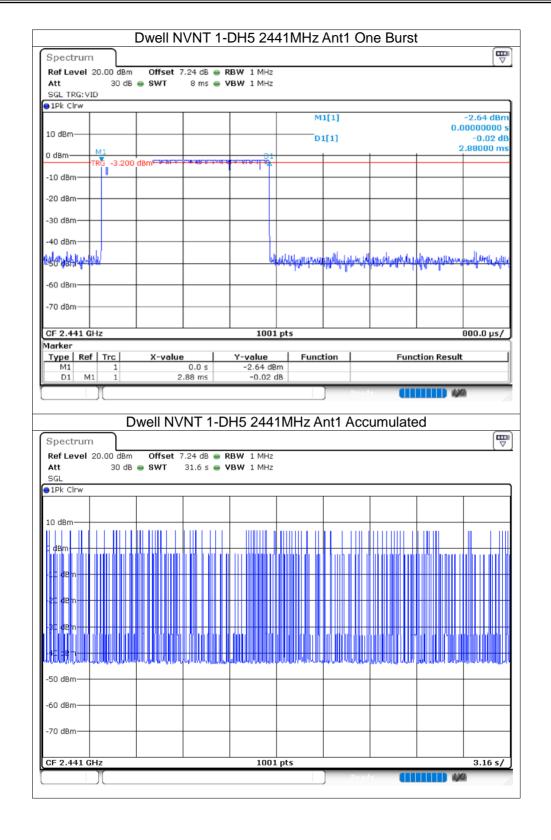
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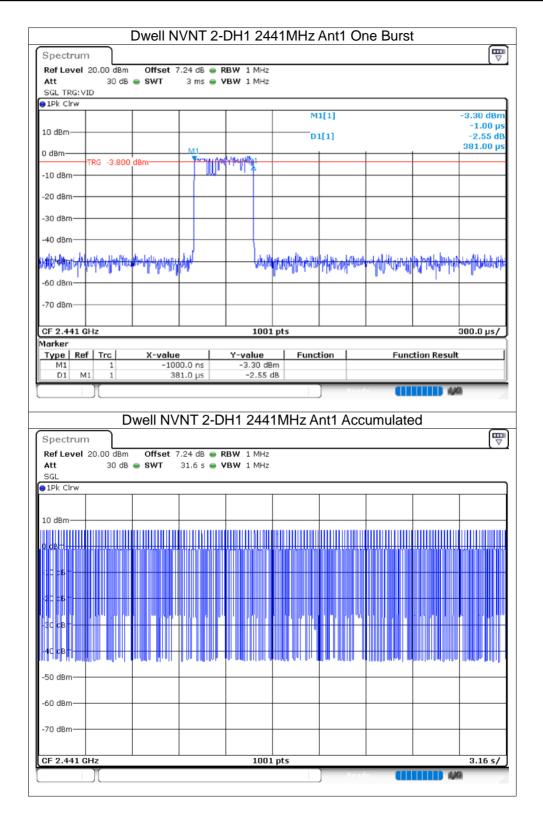




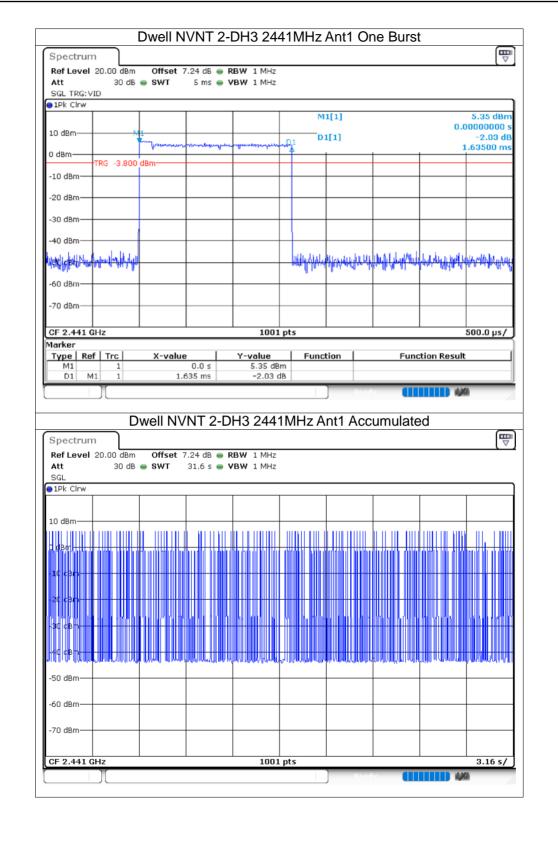




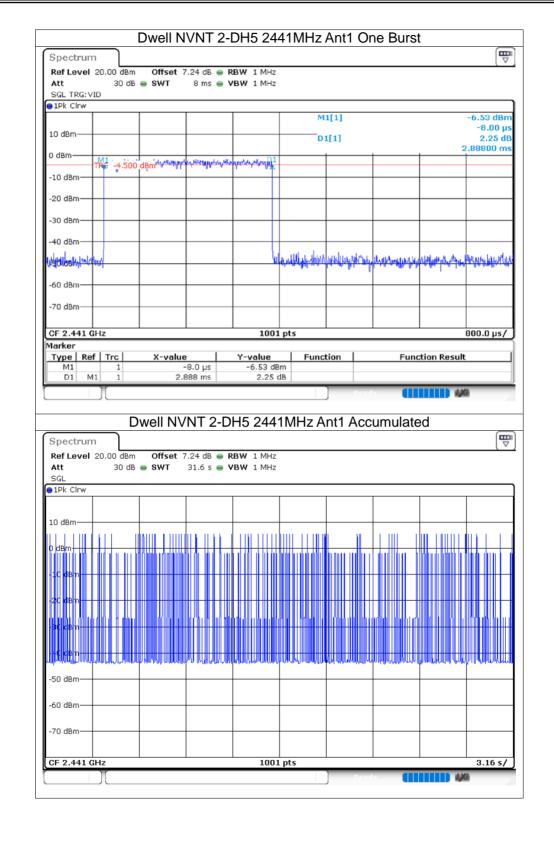








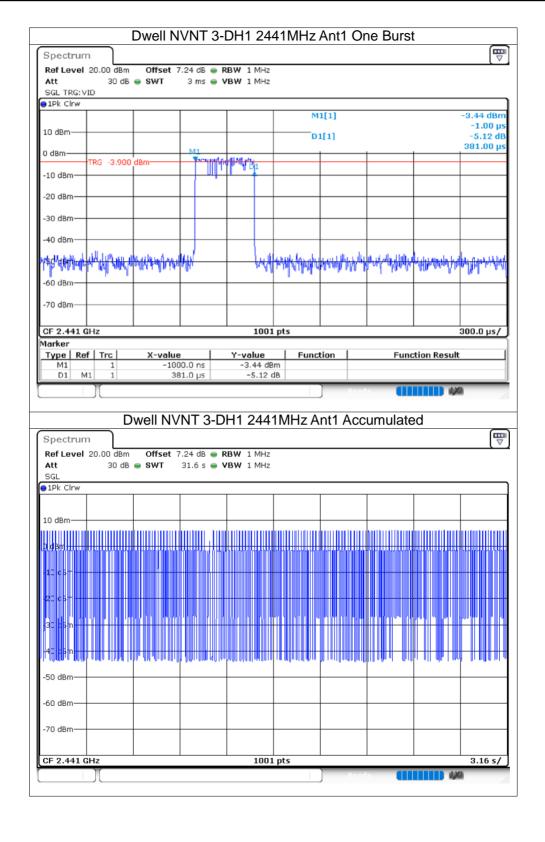




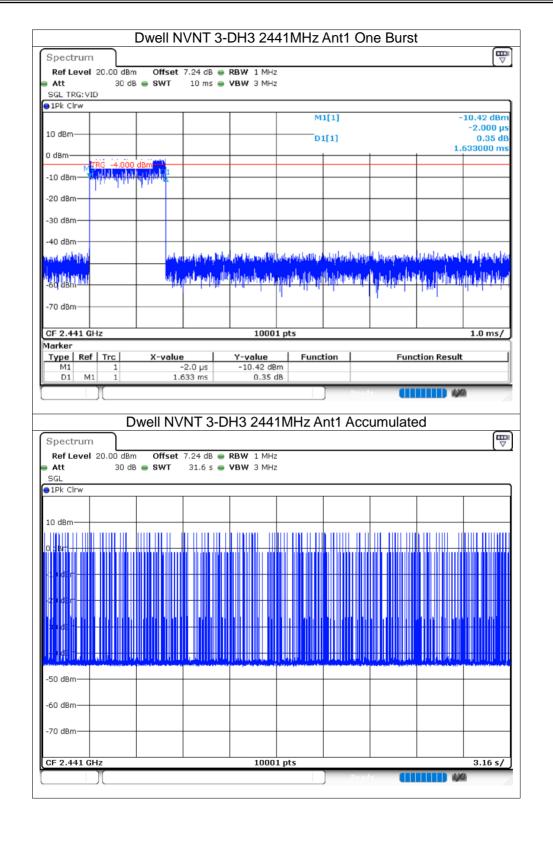
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Version.1.3



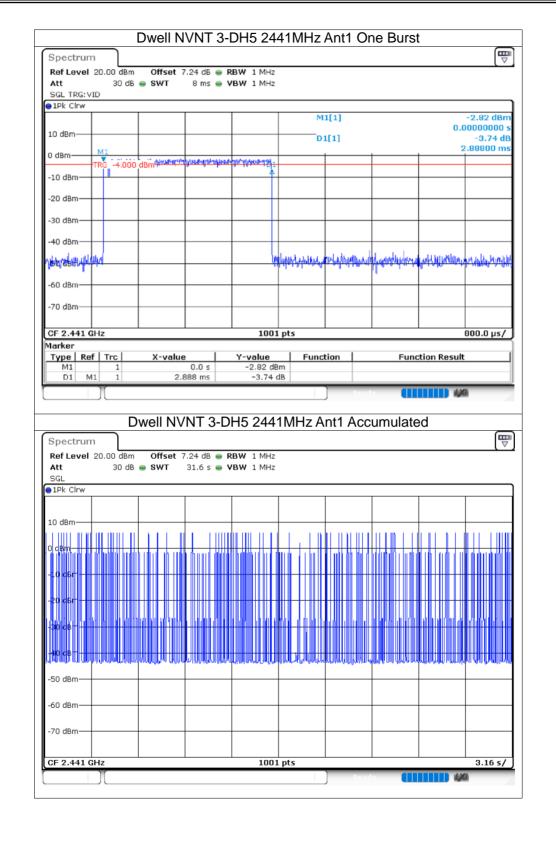






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Version.1.3





8.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	6.49	21	Pass
NVNT	1-DH5	2441	Ant1	6.54	21	Pass
NVNT	1-DH5	2480	Ant1	6.47	21	Pass
NVNT	2-DH5	2402	Ant1	4.73	21	Pass
NVNT	2-DH5	2441	Ant1	5.97	21	Pass
NVNT	2-DH5	2480	Ant1	5.32	21	Pass
NVNT	3-DH5	2402	Ant1	3.55	21	Pass
NVNT	3-DH5	2441	Ant1	3.97	21	Pass
NVNT	3-DH5	2480	Ant1	3.55	21	Pass





	<i>ب</i> ם		Graphs DH5 2402MHz	Ant1		
	P(JWEI INVINT 1-		ANU		
Spectrum Ref Level 20.00 dB		7.07 dB				
Att 30 c SGL Count 100/100	IB SWT	1 ms 👄 VBW 2 MH	z Mode Auto Sweep			
1Pk Max	_					
			M1[1]		2.4010	6.49 dBm 2010 GHz
10 dBm	_	+ + +	*	-		2010 0112
			*			
D dBm						
10 dBm						
-20 dBm						
-30 dBm						
-40 dBm						
-50 dBm						
-60 dBm						
-70 dBm						
		1 1			1 1	
			201		0	E 0 MU-
CF 2.402 GHz	Pc		DH5 2441MHz	Ant1	Span	5.0 MHz
Spectrum Ref Level 20.00 dB Att 30 d	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1	Span	5.0 MHz
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1	Span	1.
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 91Pk Max	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		1.
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 91Pk Max	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 100/100 91Pk Max 10 dBm 0 dBm	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 91Pk Max 10 dBm	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 100/100 91Pk Max 10 dBm 0 dBm	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 100/100 91Pk Max 10 dBm 10 dBm	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 100/100 1Pk Max 10 dBm 10 dBm 20 dBm	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 100/100 1Pk Max 10 dBm 10 dBm 20 dBm -20 dBm -30 dBm	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 of SGL Count 100/100 1PK Max 10 dBm 10 dBm 10 dBm -20 dBm -30 dBm -40 dBm	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 o SGL Count 100/100 1Pk Max 10 dBm 10 dBm -0 dBm -20 dBm -30 dBm -40 dBm -50 dBm	m Offset 7	DWER NVNT 1- 7.24 dB ● RBW 2 MH	DH5 2441MHz	Ant1		€.54 dBm
Spectrum Ref Level 20.00 dB Att 30 o SGL Count 100/100 IPk Max I0 dBm 0 dBm	m Offset 7	DWER NVNT 1-	DH5 2441MHz	Ant1	2.4410	€.54 dBm

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Report No.: STR230328003001E

Ref Level : Att	20.00 dBm 30 dB	Offset 7. SWT	.07 dB 👄 RB 1 ms 👄 VB		Mode	to Sween			
SGL Count		501	I IIIS 🖶 VE	ow ∠ MH2	Mode Au	tu Sweep			
●1Pk Max						11[1]			6.47 dB
					, r			2.48	008490 GF
10 dBm					M1 ¥				
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm									
-40 dBm									
50 d0-1									
-50 dBm									
-60 dBm									
-70 dBm									
-70 dBm									
CF 2.48 GH	2			100	1 pts			Sn	an 5.0 MH:
									MA
Spectrum Ref Level : Att	20.00 dBm 30 dB		OVERNV				av 🚺		
Ref Level	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz			ant1		
Ref Level 3 Att SGL Count 3	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au		nt1	2.40	4.73 dB
Ref Level 3 Att SGL Count 3	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep	nnt1	2.40	
Ref Level : Att SGL Count : 1Pk Max	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep	Int1	2.40	4.73 dB
Ref Level 2 Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level : Att SGL Count : 1Pk Max	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep	.nt1	2.40	4.73 dB
Ref Level 3 Att SGL Count 3 P1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level 3 Att SGL Count 1 PIPk Max 10 dBm 0 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level 3 Att SGL Count 3 P1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level 3 Att SGL Count 3 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level 3 Att SGL Count 3 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level 3 Att SGL Count 3 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level 3 Att SGL Count P1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level Att SGL Count SGL Count ● 1Pk Max 10 dBm 10 dBm 0 dBm -10 dBm -30 dBm -30 dBm -30 dBm -50 dBm -60 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level 3 Att SGL Count P 1Pk Max 10 dBm 0 dBm -10 dBm -10 dBm -30 dBm -30 dBm -40 dBm -50 dBm	20.00 dBm 30 dB	Offset 7.	.07 dB 👄 RB	3W 2 MHz	Mode Au	to Sweep		2.40	4.73 dB
Ref Level 3 Att SGL Count 3 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	20.00 dBm 30 dB 100/100	Offset 7.	.07 dB 👄 RB	3W 2 MH2 3W 2 MH2	Mode Au	to Sweep			4.73 dB 1214290 Gł
Ref Level Att SGL Count SGL Count ● 1Pk Max 10 dBm 10 dBm 0 dBm -10 dBm -30 dBm -30 dBm -30 dBm -50 dBm -60 dBm	20.00 dBm 30 dB 100/100	Offset 7.	.07 dB 👄 RB	3W 2 MH2 3W 2 MH2	Mode Au	to Sweep		Sp	4.73 dB



Report No.: STR230328003001E

Spectrum Ref Level 2 Att		Offset 7 SWT	.24 dB 👄 RB 1 ms 👄 VI		Mode Au	to Sweep			
SGL Count 1 1Pk Max	00/100								
					N	11[1]		2.44	5.97 dB 096100 Gi
10 dBm				lvi					
0 dBm									
-10 dBm									
-20 dBm-									- ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-30 dBm									
-40 dBm									
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.441 G	Ηz			1001	l pts			Sp	an 6.5 MH
Spectrum Ref Level 2 Att	20.00 dBm 30 dB		.07 dB 👄 RI	BW 2 MHz	H5 248	OMHz Ar	nt1		
Ref Level 2	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz	Mode Au	to Sweep	nt1		
Ref Level 2 Att SGL Count 1 1Pk Max	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz	Mode Au		nt1	2.47	5.32 dB 984420 Gł
Ref Level 2 Att SGL Count 1	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 1Pk Max	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 1Pk Max	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 • 1Pk Max 10 dBm 0 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 PIPk Max 10 dBm 0 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 PIPK Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 PIPK Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 ● 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep	nt1	2.47	5.32 dB
Ref Level 2 Att SGL Count 1 SGL Count 1 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	20.00 dBm 30 dB 100/100	Offset 7	.07 dB 👄 RI	BW 2 MH2 BW 2 MH2	Mode Au	to Sweep	nt1		5.32 dB 984420 Gł
Ref Level 2 Att SGL Count 1 ● 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	20.00 dBm 30 dB 100/100	Offset 7	.07 dB 👄 RI	BW 2 MHz BW 2 MHz MHz	Mode Au	to Sweep			5.32 dB 984420 GF



Spectrum		ower NV						
Ref Level 20.00 dBr	m Offset 7	.07 dB 👄 RE	3W 2 MHz					(V
Att 30 d			BW 2 MHz	Mode Au	to Sweep			
SGL Count 100/100 1Pk Max								
				N	11[1]			3.55 dBm
10 dBm							2.402	204550 GHz
			1	M1				
0 dBm			and the second s					
						and a second		
-10 dBm	-							
22.45								
-20-dBm								
-30 dBm								
-40 dBm	-							
E0 d0m								
-50 dBm								
-60 dBm								
-70 dBm	-							
CF 2.402 GHz			1001	l pts			Spa	n 6.5 MHz
· _				H5 244] Real	tv 🚺 .nt1		
Spectrum Ref Level 20.00 dB Att 30 d	m Offset 7	7.24 dB 👄 RE				nt1		
Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 7	7.24 dB 👄 RE	3W 2 MHz			nt1		
Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 7	7.24 dB 👄 RE	3W 2 MHz	Mode Au		nt1		3.97 dBm
Ref Level 20.00 dB Att 30 d	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	
Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm 0 dBm 0 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 >IPk Max 10 dBm 0 dBm -10 dBm -10 dBm -10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 >IPk Max 10 dBm 0 dBm -10 dBm -10 dBm -10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm 10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 >IPk Max 10 dBm -10 dBm -30 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm 10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 >IPk Max 10 dBm 10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	nt1	2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 >IPk Max 10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep		2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 >IPk Max 10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep		2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 PIPk Max 10 dBm 10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep		2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 PIPk Max 10 dBm 10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep		2.441	3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 10 dBm 10 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep			3.97 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 >IPk Max 10 dBm -10 dBm -30 dBm	m Offset 7	7.24 dB 👄 RE	BW 2 MHz BW 2 MHz	Mode Au	to Sweep	Int1		3.97 dBm 00650 GHz



Certificate #4298.01

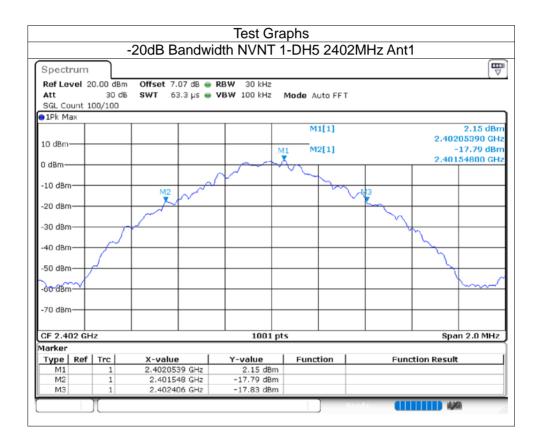
Spectrum				
SGL Count 100/100	dB SWT	07 dB 👄 RBW 2 MHz 1 ms 👄 VBW 2 MHz		
1Pk Max			M1[1]	 3.55 dBn
0 dBm		M	1	2.47988310 GH
dBm			En anne market and the second	
10 dBm				_
20.08m				
30 dBm				
40 dBm				
50 dBm				
50 dBm	_			
70 dBm				
CF 2.48 GHz		10	01 pts	 Span 6.5 MHz



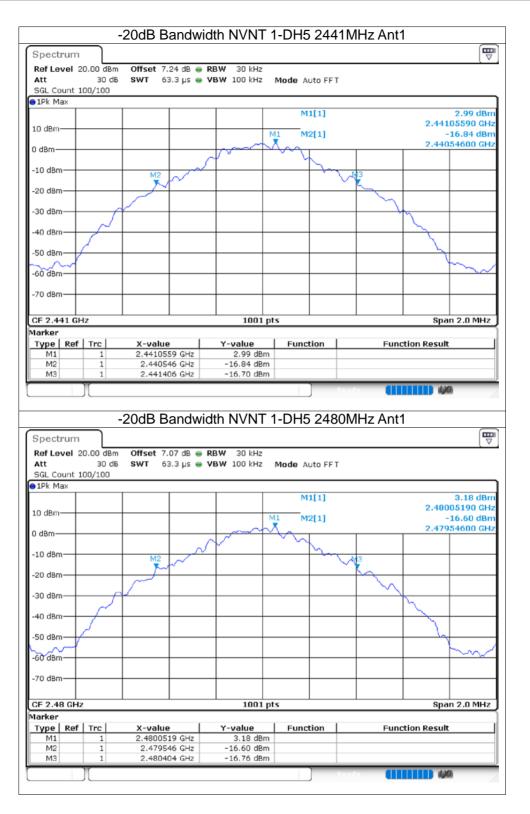


8.3 -20DB BANDWIDTH

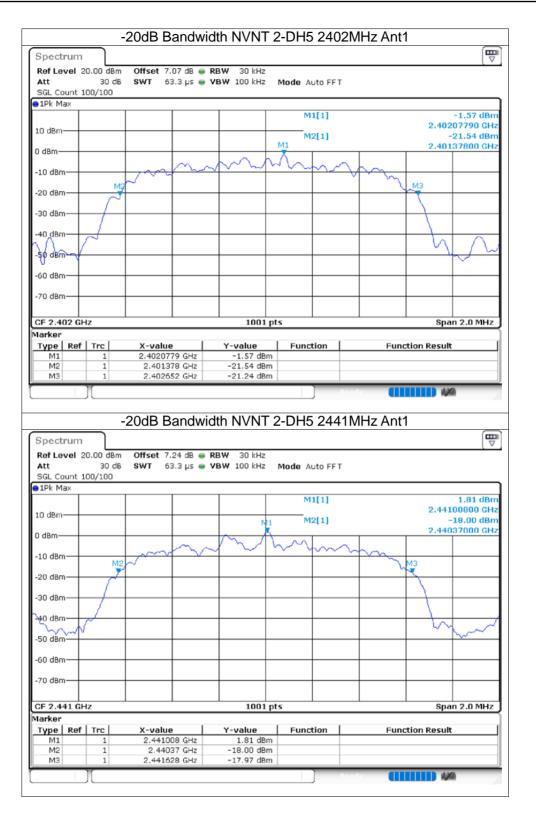
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.858	Pass
NVNT	1-DH5	2441	Ant1	0.86	Pass
NVNT	1-DH5	2480	Ant1	0.858	Pass
NVNT	2-DH5	2402	Ant1	1.274	Pass
NVNT	2-DH5	2441	Ant1	1.258	Pass
NVNT	2-DH5	2480	Ant1	1.268	Pass
NVNT	3-DH5	2402	Ant1	1.284	Pass
NVNT	3-DH5	2441	Ant1	1.262	Pass
NVNT	3-DH5	2480	Ant1	1.248	Pass



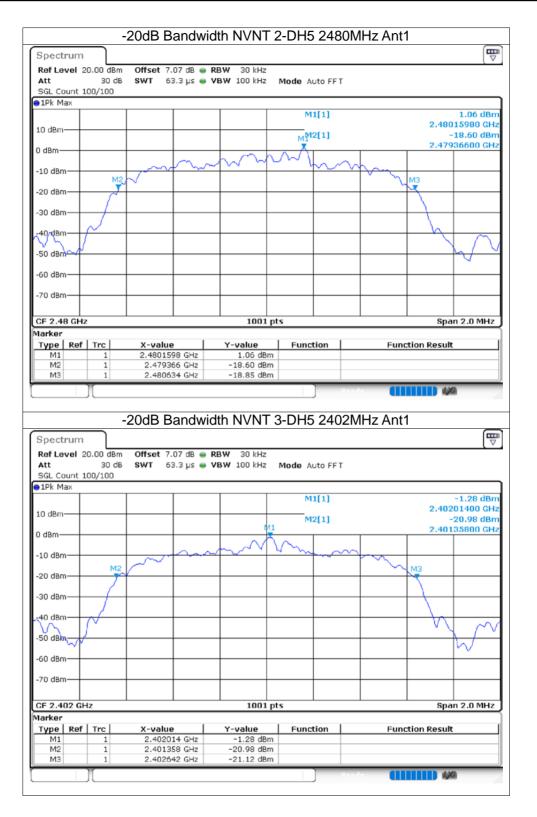




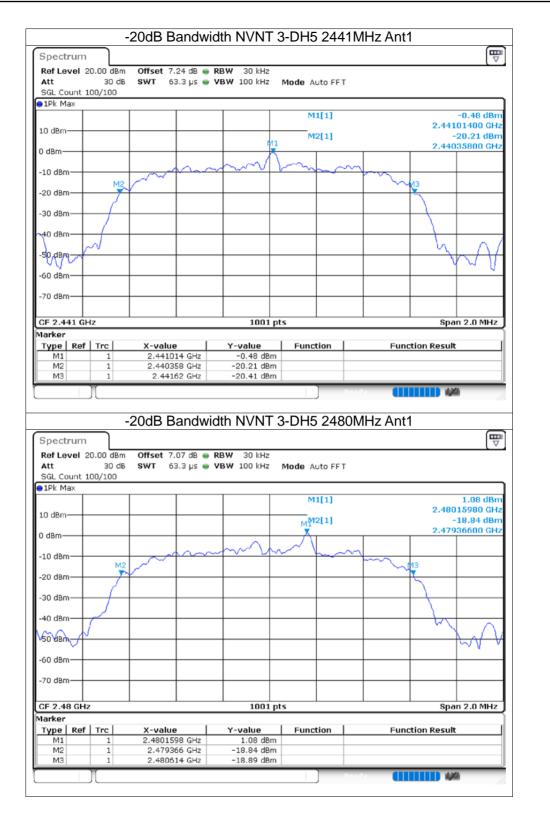
















8.4 **CARRIER FREQUENCIES SEPARATION**

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.156	2403.158	1.002	0.572	Pass
NVNT	1-DH5	Ant1	2441.052	2442.054	1.002	0.573	Pass
NVNT	1-DH5	Ant1	2479.156	2480.158	1.002	0.572	Pass
NVNT	2-DH5	Ant1	2402.073	2403.074	1.001	0.849	Pass
NVNT	2-DH5	Ant1	2441.044	2442.047	1.003	0.839	Pass
NVNT	2-DH5	Ant1	2479.003	2480.007	1.004	0.845	Pass
NVNT	3-DH5	Ant1	2402.158	2403.16	1.002	0.856	Pass
NVNT	3-DH5	Ant1	2441.16	2442.16	1	0.841	Pass
NVNT	3-DH5	Ant1	2479.158	2480.16	1.002	0.832	Pass



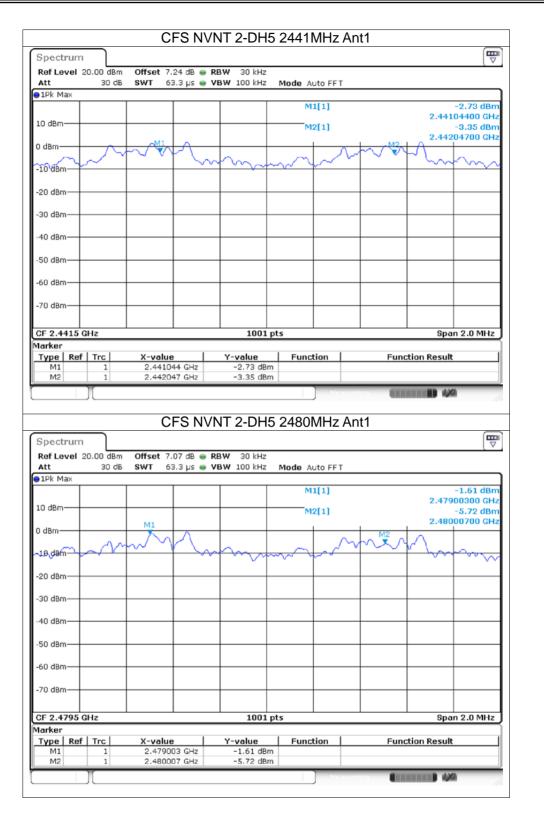






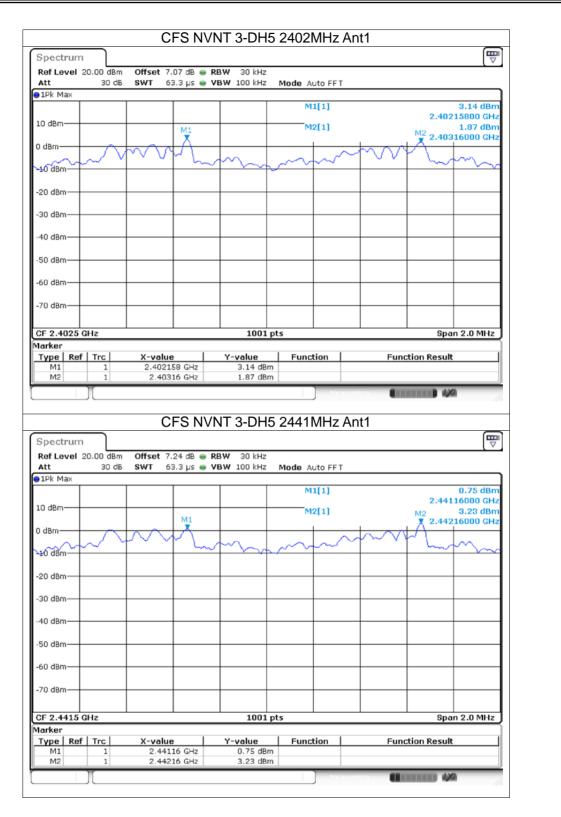






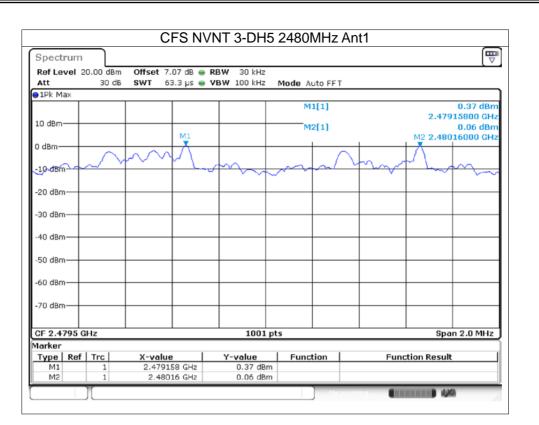






ilac-MR/





ACCREDITED Certificate #4298.01

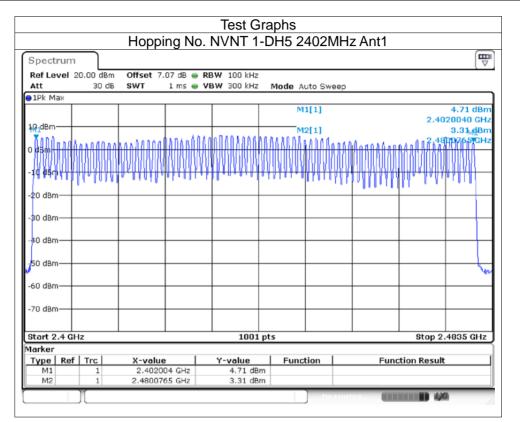
ilac-MR/





8.5 NUMBER OF HOPPING CHANNEL

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass





Certificate #4298.01

Report No.: STR230328003001E

Spectrum	J									E
Ref Level 20.0	0 dBm 01	ffset 7.	.07 dB 👄	RBW 100 k	Hz					(v
Att	30 dB 🛛 SN	WТ	1 ms 👄	VBW 300 k	Hz Mod	e Auto Swe	ер			
1Pk Max						M1[1]				2.11 dBm
0 40									2.40	19205 GHz
0 dBm						M2[1]				-2.99 dBm 04105 GHz
MAR HILL	A.RINKAL	MMM.	HALV	₩₩₩₩	WWW	Mala	A DIRACE A	taku	ALÂIR	
	WUYUYU M	11.040.			1	. Wisself	AND NOVA	WYW	A A A A A A	
20 dBm			<u> </u>							
30 dBm										
10 dBm										
50 dBm				_	_			_		
o dam										(1444
50 dBm										
70 dBm			<u> </u>							
tart 2.4 GHz arker				10	01 pts				Stop 2.	4835 GHz
Type Ref Ti	rc)	X-value	e	Y-value	9 F	unction	F	unction	Result	
M1 M2		2.40192 2.48041		2.11						
1112				-2 99	dBm					
1			US GHZ	-2.99	dBm		cuud p o			
				-2.99 . NVNT		5 2402M	surina s IHz Ant	1		
		loppi	ing Nc). NVNT	3-DH	5 2402M	orina IHz Ant	1	4,46	
RefLevel 20.0 Att	H O dBm Of	loppi	ing Nc		3-DH:	5 2402M		1		
Spectrum Ref Level 20.0 Att 1Pk Max	H O dBm Of	loppi	ing Nc	D. NVNT RBW 100 k	3-DH:	e Auto Swe		1		
Ref Level 20.0 Att 1Pk Max	H O dBm Of	loppi	ing Nc	D. NVNT RBW 100 k	3-DH:	e Auto Swe		1		-0.11 dBm 15865 GHz
Ref Level 20.0 Att 1Pk Max 0 dBm	H O dBm Of	loppi	Ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер	1		⊽ -0.11 dBm 15865 GHz 2.55,dBm
Ref Level 20.0 Att 1Pk Max	H O dBm Of	loppi	ing Nc	D. NVNT RBW 100 k	3-DH	e Auto Swe M1[1] M2[1]	ер	1 1		-0.11 dBm 15865 GHz
D dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
e f Level 20.0 Att 1Pk Max D dBm 0 dBm 0 dBm 10 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Ref Level 20.0 Att 1Pk Max 0 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Ref Level 20.0 Att 1Pk Max 0 dBm 0 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Aef Level 20.0 Att 1Pk Max 0 dBm 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Ref Level 20.0 Att 1Pk Max 0 dBm 0 dBm 20 dBm 30 dBm 40 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Aef Level 20.0 Att 1Pk Max 0 dBm 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Ref Level 20.0 Att 1Pk Max 0 dBm 0 dBm 20 dBm 30 dBm 40 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Ref Level 20.0 Att 1Pk Max 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm 50 dBm 50 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Ref Level 20.0 Att 1Pk Max 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm 50 dBm 50 dBm	H O dBm Of	loppi	ing Nc	D. NVNT	3-DH	e Auto Swe M1[1] M2[1]	ер			-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Ref Level 20.0 Att 1Pk Max 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm 50 dBm 50 dBm 50 dBm 50 dBm	H O dBm Of	loppi	Ing Nc			e Auto Swe M1[1] M2[1]	ер		2.40	-0.11 dBm 15865 GHz 2.55 dBm 02435 GHz 97 444
Ref Level 20.0 Att 1Pk Max 0 dBm 0 dBm 20 dBm 30 dBm 40 dBm 50 dBm	H O dBm Of	loppi	Ing Nc		3-DH	e Auto Swe M1[1] M2[1]	ер		2.40	-0.11 dBm 15865 GHz 2.55 dBm n2435vGHz
Ref Level 20.0 Att 1Pk Max 0 dBm 10 dBm		Hoppi ffset 7. wT	07 dB • 1 ms •	D. NVNT	3-DH{	e Auto Swe M1[1] M2[1]			2.40	-0.11 dBm 15865 GHz 2.55 dBm 02435 GHz
Ref Level 20.0 Att 1Pk Max 0 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm		Hoppi	07 dB 1 ms 1 ms 1 ms 5 GHz	D. NVNT	3-DH5	e Auto Swe M1[1] M2[1]			2.40	-0.11 dBm 15865 GHz 2.55 dBm 02435 GHz

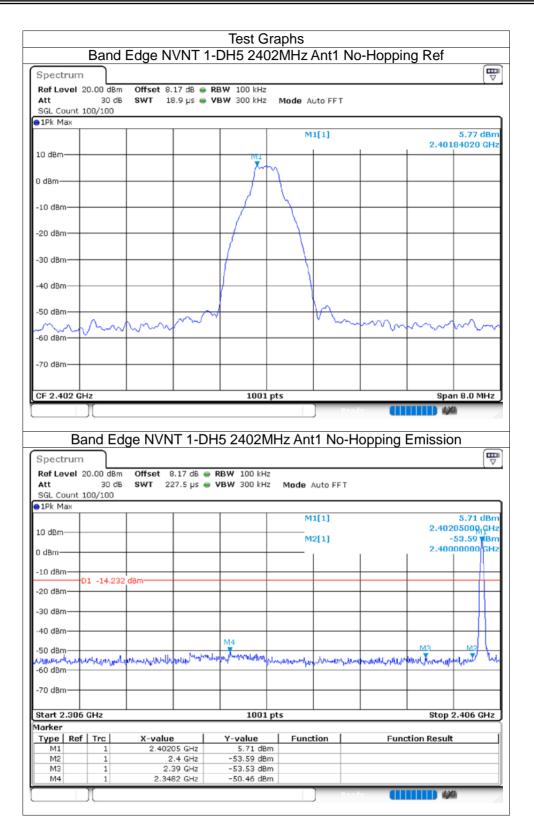




8.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-56.22	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-58.96	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-54.18	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-56.59	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-55.52	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-54.35	-20	Pass







Spectrun Ref Level	20.00 dBm	Offset 8	17 dB 👄 PI	BW 100 kHz					
Att	30 dB			BW 300 kHz	Mode A	uto FFT			
SGL Count	100/100								
1Pk Max									c co dou
					м	1[1]		2 470	6.69 dBn 96800 GH
10 dBm				M				+	
					7				
0 dBm				- / -	$\left(- \right)$				
-10 dBm									
-20 dBm—									
					1				
-30 dBm									
					<u>ا</u>				
-40 dBm									
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-50 dBm		0.0	m			Vhm	m.	0	Δο
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-60 dBm									
-70 dBm									
-/U aBm									
			1	1 1					
В	and Ed	ge NVN	T 1-DH	1001 5 2480M		] Read t1 No-H	opping		
B Spectrun Ref Level	and Ed	Offset 8	8.17 dB 👄 🖡	15 2480N	/Hz Ant		opping		n
B Spectrun Ref Level Att	and Ed	Offset 8	8.17 dB 👄 🖡	5 2480N	/Hz Ant	t <mark>1 No-H</mark>	opping		0
B Spectrun Ref Level Att SGL Count	and Ed	Offset 8	8.17 dB 👄 🖡	15 2480N	/Hz Ant		opping		n
B Spectrun Ref Level Att SGL Count	and Ed	Offset 8	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /		opping		n
B Spectrum Ref Level Att SGL Count SGL Count	and Ed	Offset 8	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT 1[1]	opping	Emissic	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
B Ref Level Att SGL Count 1Pk Max	and Ed	Offset 8	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT	opping	Emissic	000 000 00000000000000000000000000000
B Spectrun Ref Level Att SGL Count 1Pk Max	and Ed	Offset 8	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT 1[1]	opping	Emissic	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
B Spectrun Ref Level Att SGL Count IPk Max 10 ^h dém	and Ed	Offset 8 SWT 22	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT 1[1]	opping	Emissic	000 000 00000000000000000000000000000
B Spectrun Ref Level Att SGL Count IPk Max 10 ^h dbm	and Ed	Offset 8 SWT 22	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT 1[1]	opping	Emissic	000 000 00000000000000000000000000000
B Spectrun Ref Level Att SGL Count 10 ¹ dåm 0 dam -10 dam -20 cBm	and Ed	Offset 8 SWT 22	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT 1[1]	opping	Emissic	000 000 00000000000000000000000000000
B Spectrun Ref Level Att SGL Count 10 ¹ dåm 0 dam -10 dam -20 cBm	and Ed	Offset 8 SWT 22	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT 1[1]	opping	Emissic	000 000 00000000000000000000000000000
B Spectrun Ref Level Att SGL Count 10 ^h dbm 0 dbm -10 dbm -20 cbm -30 cbm	and Ed	Offset 8 SWT 22	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT 1[1]	opping	Emissic	000 000 00000000000000000000000000000
B Spectrun Ref Level Att SGL Count 10 ¹ 86m 0 d8m -10 d8m -20 c8m -30 c8m -40 d8m	and Ed	Offset 8 SWT 22	8.17 dB 👄 🖡	15 2480N	/Hz Ant ² Mode /	Auto FFT 1[1]	opping	Emissic	000 000 00000000000000000000000000000
B Spectrun Ref Level Att SGL Count 10 ¹ 86m 0 d8m -10 d8m -20 c8m -30 c8m -40 d8m	and Ed	Offset 8 SWT 22 dBm	3.17 dB <b>● I</b> 27.5 μs <b>●</b> N	15 2480M	/Hz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	0000000000000000000000000000000000000
B Spectrun Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 cBm -30 cBm -30 cBm -40 dBm -40 dBm	and Ed	Offset 8 SWT 22 dBm	3.17 dB <b>● I</b> 27.5 μs <b>●</b> N	15 2480N	/Hz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	0000000000000000000000000000000000000
B Spectrun Ref Level Att SGL Count IPk Max 10 ^h dßm 0 d8m -10 d8m -20 c8m -30 c8m -40 d8m -40 d8m -50 d8m -50 d8m	and Ed	Offset 8 SWT 22 dBm	3.17 dB <b>● I</b> 27.5 μs <b>●</b> N	15 2480M	/Hz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	0000000000000000000000000000000000000
B Spectrun Ref Level Att SGL Count IPk Max ID dBm D dBm 	and Ed	Offset 8 SWT 22 dBm	3.17 dB <b>● I</b> 27.5 μs <b>●</b> N	15 2480M	/Hz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	0000000000000000000000000000000000000
B Spectrun Ref Level Att SGL Count 10 dBm 0 dBm 	D1 -13.305	Offset 8 SWT 22 dBm	3.17 dB <b>● I</b> 27.5 μs <b>●</b> N	15 2480M	AHz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	6.59 dBr 995000 GH 54.41 dBr 55000 GH
B Spectrun Ref Level Att SGL Count 10 dbm 0 dbm 	D1 -13.305	Offset 8 SWT 22 dBm	3.17 dB <b>● I</b> 27.5 μs <b>●</b> N	15 2480M	AHz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	6.59 dBr 995000 GH 54.41 dBr 55000 GH
B Spectrun Ref Level Att SGL Count 10 dBm 	D1 -13.305	Offset 8 SWT 22 dBm	8.17 dB <b>● F</b> 27.5 μs <b>●</b> N	15 2480M	AHz Ant	Auto FFT  1[1]  2[1]	h h h h h h h h h h h h h h h h h h h	2.479 2.483	000 6.59 dBr 195000 GH 54.41 dBr 554.41 dBr 55000 GH 2.576 GHz
B Spectrun Ref Level Att SGL Count IPk Max IPk Max IO dBm -10 dBm -20 cBm -20 cBm -30 cBm -30 cBm -30 cBm -30 dBm -30	D1 -13.305	Offset 8 SWT 22 dBm dBm 	8.17 dB 27.5 μs 127.5 μs 1	15 2480M	//Hz An1           2           2           Mode           M           M           M           M           M           M           M           M	Auto FFT  1[1]  2[1]	h h h h h h h h h h h h h h h h h h h	2.479 2.483	000 6.59 dBr 195000 GH 54.41 dBr 554.41 dBr 55000 GH 2.576 GHz
Spectrun Ref Level Att SGL Count IPk Max 10 ¹ dbm 0 dbm -10 dbm -20 dbm -20 dbm -30 dbm -40 dbm -40 dbm -70 db	and Ed 20.00 dBm 30 dB 100/100 D1 -13.305 M4 pm/M-m/m/m/m	Offset 8 SWT 22 dBm dBm <u>M3</u> ww/jU/ms/i/ 2.479 2.479 2.479 2.479	3.17 dB <b>● F</b> 27.5 μs <b>●</b> N	5 2480N	AHz Ani	Auto FFT  1[1]  2[1]	h h h h h h h h h h h h h h h h h h h	2.479 2.483	000 6.59 dBr 195000 GH -54.41 dBr 554.41 dBr 55000 GH 



-			Lugo		2-DH5 24	02.00.12		, noppn	ig i toi	(FFF
Spect										
	vel 2	20.00 dBr			RBW 100 kH					
Att	unt 1	30 di 100/100	SWT	18.9 hz 🖷	<b>VBW</b> 300 kH	Z Mode A	uto FFT			
1Pk M		100/100								
						M	11[1]			3.64 dBm
									2.402	04000 GHz
10 dBm	+					M1				
						Ϊ <b>Χ</b>				
0 dBm–	-+				-	+				
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Spect	Ba	and Eq			)H5 2402	MHz An	] t1 No-H	opping	•••	0
Ref Le	Ba	and Ec	n Offset	8.17 dB	OH5 2402	MHz An		opping	•••	n
Ref Le Att	Ba rum vel 2	20.00 dBr 30 dt	n Offset	8.17 dB	)H5 2402	MHz An	Down	opping	•••	n
Ref Le Att SGL Co	Ba rum vel 2 punt 1	and Ec	n Offset	8.17 dB	OH5 2402	MHz An		opping	•••	n
Ref Le Att SGL Co	Ba rum vel 2 punt 1	20.00 dBr 30 dt	n Offset	8.17 dB	OH5 2402	MHz An ^{Hz} ^{Hz} Mode		opping	•••	n
Ref Le Att SGL Co 1Pk M	Ba rum vel 2 ount 1 ax	20.00 dBr 30 dt	n Offset	8.17 dB	OH5 2402	MHz An	Auto FFT	opping	Emissic	0 0 10 10 10 10 10 10 10 10 10 10 10 10
Ref Le Att SGL Co 1Pk M	Ba rum avel 2 ount 1 ax	20.00 dBr 30 dt	n Offset	8.17 dB	OH5 2402	MHz An	Auto FFT	opping	Emissic	4.76 dBm 85000 GHz -52.17 €Bm
Ref Le Att SGL Co 1Pk M	Ba rum avel 2 ount 1 ax	20.00 dBr 30 dt	n Offset	8.17 dB	OH5 2402	MHz An	Auto FFT	opping	Emissic	4.76 dBm 85000 GHz -52.17 €Bm
Ref Le Att SGL Co 1Pk M 10 dBm	Ba arum avel 2 ax	20.00 dBr 30 dt	n Offset	8.17 dB	OH5 2402	MHz An	Auto FFT	opping	Emissic	0 0 10 10 10 10 10 10 10 10 10 10 10 10
Ref Le Att SGL Cc 1Pk M 10 dBm 0 dBm-	Ba arum avel 2 ax	20.00 dBr 30 dt	Offset 3 SWT	8.17 dB	OH5 2402	MHz An	Auto FFT	opping	Emissic	4.76 dBm 85000 GHz -52.17 €Bm
Ref Le Att SGL Cc 1Pk M 10 dBm 0 dBm-	Ba arum avel 2 ax	and Ec	Offset 3 SWT	8.17 dB	OH5 2402	MHz An	Auto FFT	opping	Emissic	4.76 dBm 85000 GHz -52.17 €Bm
Ref Le Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBm	Baarum vel 2 ax	and Ec	Offset 3 SWT	8.17 dB	OH5 2402	MHz An	Auto FFT	opping	Emissic	4.76 dBm 85000 GHz -52.17 €Bm
Ref Le Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBn -30 dBn	Barrum vvel 2 ax	and Ec	Offset 3 SWT	8.17 dB	OH5 2402	MHz An	Auto FFT	opping	Emissic	4.76 dBm 85000 GHz -52.17 €Bm
Ref Le Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBn -30 dBn	Barrum vvel 2 ax	and Ec	Offset 3 SWT	8.17 dB	DH5 2402	MHz An	Auto FFT	opping	Emissic	4.76 dBm 85000 GHz -52.17 €Bm
Ref Le Att SGL Cc 10 dBm 0 dBm- -10 dBm -20 dBn -30 dBn -40 dBn		20.00 dBr 30 dl 100/100	o Offset SWT	8.17 dB ( 227.5 µs (	DH5 2402	MHz An	Auto FFT		2.400	000000 GH2
Ref Le Att SGL Cc 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	Ba rum vel 2 ount 2 ount 2 n n	20.00 dBr 30 dl 100/100	o Offset SWT	8.17 dB ( 227.5 µs (	DH5 2402	MHz An	Auto FFT		Emissic	000000 GH2
Ref Le Att SGL Cc 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	Ba rum vel 2 ount 2 ount 2 n n	20.00 dBr 30 dl 100/100	o Offset SWT	8.17 dB ( 227.5 µs (	DH5 2402	MHz An	Auto FFT		2.400	000000 GH2
Ref Le Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -50 dBm		20.00 dBr 30 dl 100/100	o Offset SWT	8.17 dB ( 227.5 µs (	DH5 2402	MHz An	Auto FFT		2.400	00000 GH:
Ref Le Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -50 dBm		20.00 dBr 30 dl 100/100	o Offset SWT	8.17 dB ( 227.5 µs (	DH5 2402	MHz An	Auto FFT		2.400	00000 GH:
Ref Le Att SGL Cc 10 dBm 0 dBm- -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm		20.00 dBr 30 db 100/100	o Offset SWT	8.17 dB ( 227.5 µs (	DH5 2402	MHz An	Auto FFT		2.401 2.400	00000 GH:
Ref Le Att SGL Cc 91Pk M 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm -70 dBm	Baarum arum ax ax	20.00 dBr 30 db 100/100	o Offset SWT	8.17 dB ( 227.5 µs (	DH5 2402	MHz An	Auto FFT		2.401 2.400	4.76 dBn 85000 GH: 52.17 dBn 000000 GH: Ma
Ref Le Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBn -30 dBm -30 dBm	Ba rum vel : ax	and Ec 20.00 dBrn 30 dl 100/100 D1 -16.36	2 dBm 2 dBm 2 x-va	8.17 dB ( 227.5 µs (	DH5 2402	MHz An	Auto FFT		2.401 2.400	4.76 dBm 85000 GH2 52.17 dBm 000000 GH2 000000 GH2 00000 GH2 000000 GH2 0000000 GH2 00000000 GH2 000000000000000000000000000000000000
Ref Le Att SGL CC PIPk M 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -70 dBm <b>Start 2</b> <b>Warker</b> <b>Type</b> M1	Ba rum vel : ax	and Ec 20.00 dBm 30 dl 100/100 01 -16.36 01 -16.36 GHz	2 dBm 2 dBm 2 x-va	8.17 dB ( 227.5 μs (	DH5 2402      RBW 100 k     VBW 300 k      VBW 300 k      In      In	MHz An	Auto FFT		2.400	4.76 dBm 85000 GH2 52.17 dBm 000000 GH2 000000 GH2 00000 GH2 000000 GH2 0000000 GH2 00000000 GH2 000000000000000000000000000000000000
Ref Le           Att           SGL Cc           IPk M           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -50 dBm           -70 dBm           Start 2           Marker           Type           M1	Ba rum vel : ax	and Ec 20.00 dBr 30 db 100/100 01 -16.36 01 -16.36 CHz CHz	2 dBm 2 dBm 2 x-va	8.17 dB ( 227.5 μs (	DH5 2402      RBW 100 k      VBW 300 k      VBW 300 k      International States of the second	MHz An	Auto FFT		2.400	4.76 dBm 85000 GH2 52.17 dBm 000000 GH2 000000 GH2 00000 GH2 000000 GH2 0000000 GH2 00000000 GH2 000000000000000000000000000000000000
Ref Le Att SGL CC PIPk M 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -70 dBm <b>Start 2</b> <b>Warker</b> <b>Type</b> M1	Ba rum vel : ax	and Ec 20.00 dBm 30 dl 100/100 01 -16.36 01 -16.36 GHz	2 dBm X-va 2.4	8.17 dB ( 227.5 μs (	DH5 2402      RBW 100 k     VBW 300 k      VBW 300 k      In      In	MHz An	Auto FFT		2.400	4.76 dBm 85000 GH2 52.17 dBm 000000 GH2 000000 GH2 00000 GH2 000000 GH2 0000000 GH2 00000000 GH2 000000000000000000000000000000000000



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B Spectrum Ref Level Att SGL Count SGL Count 10MBm 10MBm	Band Ed	Offset 8	3.17 dB 👄 🖡	5 2480M	IHz Ant Mode	Auto FFT	opping	Emissic	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
B Spectrum Ref Level Att SGL Count SGL Count 10MBm 10MBm	Band Ed	Offset 8	3.17 dB 👄 🖡	5 2480M	IHz Ant Mode	Auto FFT 1[1]	opping	Emissic	0 0 5.23 dBr 95000 GH •54.32 dBr
B Spectrun Ref Level Att SGL Count 10/dBm 0 dBm	Band Ed	Offset 8 SWT 22	3.17 dB 👄 🖡	5 2480M	IHz Ant Mode	Auto FFT 1[1]	opping	Emissic	0 0 5.23 dBr 95000 GH •54.32 dBr
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B Spectrum Ref Level Att SGL Count SGL Count IPK Max 10IdBm 0 dBm 	Band Ed	Offset 8 SWT 22	3.17 dB 👄 🖡	5 2480M	IHz Ant Mode	Auto FFT 1[1]	opping	Emissic	0 0 5.23 dBr 95000 GH •54.32 dBr
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B Spectrum Ref Level Att SGL Count 101 dBm 	Band Ed	Offset & SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2480M	Mode /	Auto FFT  1[1]  2[1]		2.479 2.483	5.23 dBr 95000 GH 54.32 dBr 55000 GH
B Spectrum Ref Level Att SGL Count 11Pk Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 40 dBm 40 dBm	Band Ed	Offset & SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2480M	Mode /	Auto FFT  1[1]  2[1]		2.479 2.483	5.23 dBr 95000 GH 54.32 dBr 55000 GH
B Spectrum Ref Level Att SGL Count 101dBm 101dBm 20 dBm 	Band Ed	Offset & SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2480M	Mode /	Auto FFT  1[1]  2[1]		2.479 2.483	5.23 dBr 95000 GH 54.32 dBr 55000 GH
B Spectrum Ref Level Att SGL Count 10/dBm 	Band Ed	Offset & SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2480M	Mode /	Auto FFT  1[1]  2[1]		2.479 2.483	5.23 dBr 95000 GH 54.32 dBr 55000 GH
B Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm 10 dBm 30 dBm 30 dBm 40 dBm	Band Ed n 20.00 dBm 30 dB 100/100 	Offset & SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2480M	IHz Ant Mode / M	Auto FFT  1[1]  2[1]		2.479 2.483	5.23 dBr 95000 GH 54.32 dBr 55000 GH
B Spectrum Ref Level Att SGL Count 101 dBm 	Band Ed n 20.00 dBm 30 dB 100/100 	Offset & SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2480M	IHz Ant Mode / M	Auto FFT  1[1]  2[1]		2.479 2.483	5.23 dBr 95000 GH 54.32 dBr 55000 GH
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Spectrur Ref Level Att SGL Count IPk Max 10 dBm	20.00 dBm 30 dB 100/100	Offset 8 SWT 22	3.17 dB 👄 🖡	5 2402M	IHz Ant Mode /	Auto FFT 1[1]	opping l	Emissic	2.95 dBm 2.95 dBm 15500 GHz •54.83∰Bm
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Spectrur Ref Level Att SGL Count PIPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -40 dBm	20.00 dBm 30 dB : 100/100	Offset 8 SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2402M	Mode /	Auto FFT  1[1] 2[1]		2.400	2.95 dBm 2.95 dBm 15000 GHz 54.83 dBm 000000 GHz
Spectrur Ref Level Att SGL Count PIPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBm 30 dB : 100/100	Offset 8 SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2402M	Mode /	Auto FFT  1[1] 2[1]		2.400	2.95 dBm 2.95 dBm 15000 GHz 54.83 dBm 000000 GHz
Spectrur           Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm	20.00 dBm 30 dB : 100/100	Offset 8 SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2402M	Mode /	Auto FFT  1[1] 2[1]		2.400	2.95 dBm 2.95 dBm 15000 GHz 54.83 dBm 000000 GHz
Spectrur Ref Level Att SGL Count PIPk Max 10 dBm	20.00 dBm 30 dB : 100/100	Offset 8 SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2402M	Mode /	Auto FFT  1[1] 2[1]		2.400	2.95 dBm 2.95 dBm 15000 GHz 54.83 dBm 000000 GHz
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Spectrur           Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           -70 dBm	20.00 dBm 30 dB : 100/100	Offset 8 SWT 22	3.17 dB 👄 R 27.5 μs 👄 V	5 2402M	IHz Ant Mode // M	Auto FFT  1[1] 2[1]		2.400	2.95 dBm 2.95 dBm 15000 GHz 54.83 dBm 000000 GHz
Spectrur           Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.30	20.00 dBm 30 dB 100/100	Offset 8 SWT 22 dBm-	3.17 dB	5 2402M	Mode / Mode / M M	Auto FFT  1[1] 2[1]	Jaron-Bale-Alb	2.402 2.400	2.95 dBm 2.95 dBm 215000 GHz 54.93 dBm 000000 GHz 2.406 GHz
Spectrur           Ref Level           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm	20.00 dBm 30 dB 100/100	Offset & SWT 22 dBm	3.17 dB	5 2402M	IHz Ant Mode / M M M	Auto FFT  1[1] 2[1]	Jaron-Bale-Alb	2.400	2.95 dBm 2.95 dBm 215000 GHz 54.93 dBm 000000 GHz 2.406 GHz
Spectrur           Ref Level           Att           SGL Count           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -50 dBm           -50 dBm           -60 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           Start 2.30           Anrker           M1	20.00 dBm 30 dB 30 dB 100/100 101 -15.602 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	Offset 8 SWT 22 dBm الله المراجع الله المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراحع المراجع المراجع المراحع المراجع المراجع المراحع المراجع المراحع المراجع المراجع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المم المراحع المم المم المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع المراحع الم مراحع المراحع المم المراحع المع المراحع الم معم الم المم المم المم المم المع المم المم	3.17 dB	5 2402M	IHz Ant Mode / M M M M M M M M M M M M M M M M M M M	Auto FFT  1[1] 2[1]	Jaron-Bale-Alb	2.402 2.400	2.95 dBm 2.95 dBm 215000 GHz 54.93 dBm 000000 GHz 2.406 GHz
Spectrur           Ref Level           Att           SGL Count           1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -70 dBm <td< td=""><td>20.00 dBm 30 dB 30 dB 100/100</td><td>Offset 8 SWT 22 dBm- الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الم: الم: الم: الم: الم: الم: الم: الم</td><td>3.17 dB</td><td>5 2402M RBW 100 kHz rBW 300 kHz 100 kHz rBW 300 kHz 100 kHz rBW 300 kHz rBW 300 kHz 100 kHz rBW 300 kHz 100 kHz 2.95 dBm -54.83 dBm</td><td>IHz Ant Mode / M M M M M M M M M M M M M M M M M M M</td><td>Auto FFT  1[1] 2[1]</td><td>Jaron-Bale-Alb</td><td>2.402 2.400</td><td>2.95 dBm 2.95 dBm 215000 GHz 54.93 dBm 000000 GHz 2.406 GHz</td></td<>	20.00 dBm 30 dB 30 dB 100/100	Offset 8 SWT 22 dBm- الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الله: الم: الم: الم: الم: الم: الم: الم: الم	3.17 dB	5 2402M RBW 100 kHz rBW 300 kHz 100 kHz rBW 300 kHz 100 kHz rBW 300 kHz rBW 300 kHz 100 kHz rBW 300 kHz 100 kHz 2.95 dBm -54.83 dBm	IHz Ant Mode / M M M M M M M M M M M M M M M M M M M	Auto FFT  1[1] 2[1]	Jaron-Bale-Alb	2.402 2.400	2.95 dBm 2.95 dBm 215000 GHz 54.93 dBm 000000 GHz 2.406 GHz
Spectrur           Ref Level           Att           SGL Count           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -50 dBm           -50 dBm           -60 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           Start 2.30           Anrker           M1	20.00 dBm 30 dB 30 dB 100/100 101 -15.602 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	Offset & SWT 22 dBm- ruMuyukiaa ruMuyukiaa X-value 2.402 2.3	3.17 dB	5 2402M	Mode / Mode / M M M M M M M M M M M M M	Auto FFT  1[1] 2[1]	Jaron-Bole-Alb	2.402 2.400	2.95 dBm 2.95 dBm 215000 GHz 54.93 dBm 000000 GHz 2.406 GHz



		Edge N	VINT 3-	DH5 2480			-порри	Ig itei	<i>–</i>
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Att SGL Count	30 dB 100/100	SWT 18	s.a ha 🖷 🗴	'BW 300 kHz	Mode Au	uto FF I			
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B Spectrum Ref Level Att SGL Count	and Ed	Offset 8	8.17 dB 😑	15 2480MF RBW 100 kHz	Hz Ant		opping		
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B Spectrum Ref Level Att SGL Count SGL Count	and Ed	Offset 8	8.17 dB 😑	15 2480MF RBW 100 kHz	Hz Ant		opping	Emissic	2.58 dBm
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B Spectrum Ref Level Att SGL Count 11Pk Max 10 dBm 	D1 -17.401	Offset & SWT 22	8.17 dB 😑	15 2480MH	Hz Ant	Auto FFT 1[1] 2[1]	opping	2.479 2.483	2.58 dBm 2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm
B Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 	and Ed	Offset & SWT 22	3.17 dB ● 27.5 µs ●	15 2480MH	Hz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	2.58 dBm 2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm
B Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 	and Ed	Offset & SWT 22	3.17 dB ● 27.5 µs ●	15 2480MH	Hz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	2.58 dBm 2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm
B Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 	and Ed	Offset & SWT 22	3.17 dB ● 27.5 µs ●	15 2480MH	Hz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	2.58 dBm 2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm
B Spectrum Ref Level 110 dBm 	and Ed 20.00 dBm 30 dB 100/100	Offset & SWT 22	3.17 dB ● 27.5 µs ●	15 2480MH	Hz Ant	Auto FFT 1[1] 2[1]		2.479 2.483	2.58 dBm 2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm
B Spectrum Ref Level Att SGL Count 10 dBm 0 dBm 	20.00 dBm 30 dB 100/100	Offset & SWT 22	8.17 dB 27.5 μs 	15 2480MH	Hz Ant	\uto FFT 1[1] 2[1]		2.475 2.483	2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm 554.06 dBm 2.576 GHz
B Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 	5and Ed 100/100 100	Offset 8 SWT 22 dBm	3.17 dB 27.5 μs 	15 2480MH	Hz Ant	\uto FFT 1[1] 2[1]		2.479 2.483	2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm 554.06 dBm 2.576 GHz
B Spectrun Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -70 dBm -70 dBm -70 dBm	20.00 dBm 30 dB 100/100	Offset 8 SWT 22 dBm- اللاع اللاع اللاع اللاع اللاع اللاع اللاع اللاع اللاع اللاع الم الاع الاع	8.17 dB 27.5 μs 	15 2480MH	Hz Ant	\uto FFT 1[1] 2[1]		2.475 2.483	2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm 554.06 dBm 2.576 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -60 dBm -70 dBm Start 2.47 Arker Type M1	5 GHz	Offset & SWT 22 dBm dBm dBm x-value 2.479 2.43 2	8.17 dB 27.5 μs 27.5	I5 2480MH	Hz Ant	\uto FFT 1[1] 2[1]		2.475 2.483	2.58 dBm 95000 GHz 54.46 dBm 554.46 dBm 554.06 dBm 2.576 GHz

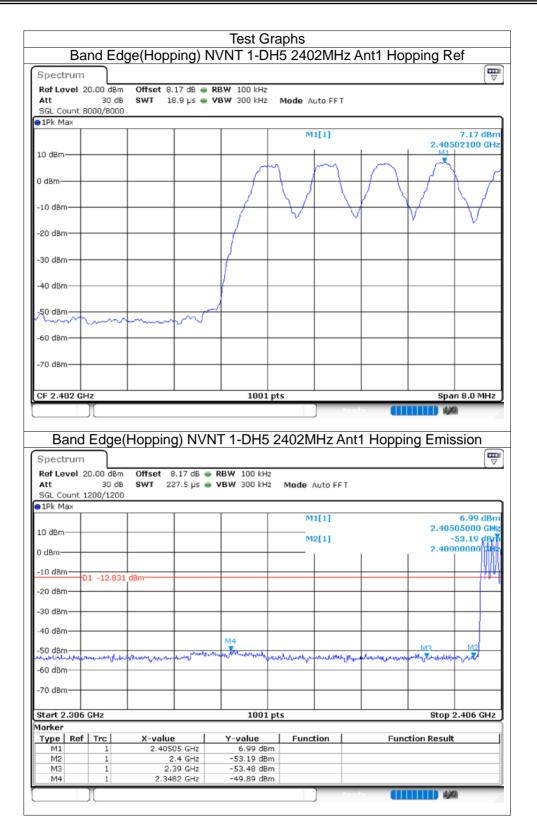




8.7 BAND EDGE(HOPPING)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-57.05	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-57.16	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-54.71	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-55.02	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-56.83	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-55.03	-20	Pass







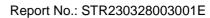
Spectrum Ref Level		Offset 8.	17 dB 👄 R	BW 100 kHz					
Att SGL Count	30 dB			' BW 300 kHz	Mode A	uto FFT			
●1Pk Max					м	1[1]			6.25
110 dBm								2.476	00400
0 dBm	\sim	\sim	\sim		γ				
		$/ \langle \langle \rangle$							
-10 dBm	$\overline{}$	/	\checkmark	\mathbb{N}					
-20 dBm			-	, i i i i i i i i i i i i i i i i i i i	\rightarrow				
-30 dBm									
-50 0.511									
-40 dBm									
-50 dBm						Mar	00000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~
-60 dBm									
-70 dBm									
Spectrum] I Edge(1001 T 1-DH5	2480N) Root 1Hz Ant1	I Hoppi		_
Banc	Edge(20.00 dBm 30 dB	Offset 8	8.17 dB 👄		2480N		I Hoppi		0
Banc Spectrum Ref Level Att	Edge(20.00 dBm 30 dB	Offset 8	8.17 dB 👄	T 1-DH5 RBW 100 kHz	2480N	Auto FFT	I Hoppi		ssion
Banc Spectrum Ref Level Att SGL Count	Edge(20.00 dBm 30 dB	Offset 8	8.17 dB 👄	T 1-DH5 RBW 100 kHz	2480M	Auto FFT	I Hoppi	ng Emis	5.58 5.58
Banc Spectrum Ref Level Att SGL Count ● 1Pk Max	Edge(20.00 dBm 30 dB	Offset 8	8.17 dB 👄	T 1-DH5 RBW 100 kHz	2480M	Auto FFT	I Hoppi	ng Emis	5.58 5.58 5.58 5.58 5.58 5.58 5.58 5.58
Banc Spectrum Ref Level Att SGL Count PIPk Max	Edge(20.00 dBm 30 dB 1200/1200	Offset 8 SWT 22	8.17 dB 👄	T 1-DH5 RBW 100 kHz	2480M	Auto FFT	I Hoppi	ng Emis	0
Banc Spectrum Ref Level Att SGL Count PIPk Max	Edge(20.00 dBm 30 dB	Offset 8 SWT 22	8.17 dB 👄	T 1-DH5 RBW 100 kHz	2480M	Auto FFT	I Hoppi	ng Emis	5.58 5.58 5.58 5.58 5.58 5.58 5.58 5.58
Banc Spectrum Ref Level Att SGL Count PIPk Max 10 dBm D dBm L 10 dBm	Edge(20.00 dBm 30 dB 1200/1200	Offset 8 SWT 22	8.17 dB 👄	T 1-DH5 RBW 100 kHz	2480M	Auto FFT	I Hoppi	ng Emis	5.58 5.58 5.58 5.58 5.58 5.58 5.58 5.58
Banc Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm -20 dBm -20 dBm	D1 -13.750	Offset 8 SWT 22	8.17 dB 👄	T 1-DH5 RBW 100 kHz	2480M	Auto FFT	I Hoppi	ng Emis	5.58 5.58 5.58 5.58 5.58 5.58 5.58 5.58
Banc Spectrum Ref Level Att SGL Count PIPk Max 10 dBm DdBm DdBm -20 dBm -20 cBm -30 cBm	Edge(20.00 dBm 30 dB 1200/1200	Offset 8 SWT 22	3.17 dB ● 27.5 µs ●	T 1-DH5	2480M	Auto FFT		ng Emis	5.58 565000 53.76 50000
Banc Spectrum Ref Level Att SGL Count 110 dBm 110 dBm -20 cBm -30 cBm -40 dBm	D1 -13.750	Offset & SWT 22 dBm	3.17 dB ● 27.5 µs ●	T 1-DH5	2480M	Auto FFT		2.476	5.58 565000 53.76 50000
Banc Spectrum Ref Level Att SGL Count IPk Max 10 dBm -20 dBm -20 cBm -30 cBm -30 cBm -30 cBm -50 dBm -50 dBm	D1 -13.750	Offset & SWT 22 dBm	3.17 dB ● 27.5 µs ●	T 1-DH5	2480M	Auto FFT		2.476	5.58 5.58 5.58 5.58 5.58 5.58 5.58 5.58
Banc Spectrum Ref Level Att SGL Count 10 dBm 10 dBm -20 cBm -30 cBm -40 dBm -50 dBm -50 dBm -60 dBm	D1 -13.750	Offset & SWT 22 dBm	3.17 dB ● 27.5 µs ●	T 1-DH5	2480N	Auto FFT		2.476 2.483	5.58 85000 53.76 850000
Banc Spectrum Ref Level Att SGL Count IPk Max D dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm -70 dBm -70 dBm -70 dBm -70 dBm	D1 -13.750	Offset & SWT 22 dBm	3.17 dB 27.5 μs 	T 1-DH5	2480M	Auto FFT 1[1] 2[1]		2.476 2.483	5.58 5.58 53.76 5000 2.576
Banc Spectrum Ref Level Att SGL Count PIPK Max 10 dBm -20 cBm -20 cBm -30 cBm -30 cBm -40 dBm -50 dBm -50 dBm -70 dBm Start 2.476 Marker Type Ref M1	1 Edge(20.00 dBm 30 dB 1200/1200 D1 -13.750 M4 (Offset 8 SWT 22 dBm- dBm- x-value 2.4760	3.17 dB 27.5 μs 27.5	T 1-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz I I I I I I I I I I I I I I I I I I I	2480N	Auto FFT 1[1] 2[1]		2.476 2.483	5.58 5.58 53.76 5000 2.576
Banc Spectrum Ref Level Att SGL Count IPk Max ID dBm -20 cBm -20 cBm -30 cBm -30 cBm -30 cBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	D1 -13.750	Offset & SWT 22 dBm dBm www.ish.u.v.v.u. X-value 2.476i 2.476i 2.476i 2.476i 2.476i	3.17 dB 27.5 μs 	T 1-DH5	2480M	Auto FFT 1[1] 2[1]		2.476 2.483	5.58 5.58 53.76 53.76 2.576 0

ACCREDITED Certificate #4298.01



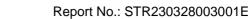
Spectrun									[
Ref Level Att	20.00 dBm 30 dB			RBW 100 kHz VBW 300 kHz	Mode Auto	FFT			
SGL Count					Mode Hoto				
●1Pk Max									
					M1[1	1		2.402	5.11 dE 99100 G
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						5	m		
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-60 dBm									
-70 dBm		-		+ +					
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Spectrun	d Edge			1001 IT 2-DH5	2402MH	Read z Ant1	I Hoppi		ssion
Band Spectrum Ref Level Att	d Edge	Offset SWT 2	8.17 dB 👄		2402MH		(II I Hoppi		ssion
Band Spectrum Ref Level Att SGL Count	d Edge	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH		I Hoppi		ssion
Band Spectrum Ref Level Att	d Edge	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH Mode Aut	o FFT	I Hoppi		ssion
Banc Spectrun Ref Level Att SGL Count ● 1Pk Max	d Edge	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH	o FFT	I Hoppi	ng Emis	5.44 df
Banc Spectrun Ref Level Att SGL Count • 1Pk Max 10 dBm	d Edge	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH Mode Aut	o FFT	I Hoppi	ng Emis	5.44 dt
Banc Spectrun Ref Level Att SGL Count ● 1Pk Max	d Edge	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH Mode Aut	o FFT	I Hoppi	ng Emis	5.44 df
Banc Spectrun Ref Level Att SGL Count • 1Pk Max 10 dBm	J Edge 20.00 dBm 30 dB 1200/1200	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH Mode Aut	o FFT	I Hoppi	ng Emis	5.44 dt
Banc Spectrun Ref Level Att SGL Count • 1Pk Max 10 dBm- 0 dBm-	d Edge	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH Mode Aut	o FFT	I Hoppi	ng Emis	5.44 dt
Banc Spectrun Ref Level Att SGL Count SGL Count ID dBm- 0 dBm- -10 dBm- -20 dBm-	J Edge 20.00 dBm 30 dB 1200/1200	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH Mode Aut	o FFT	I Hoppi	ng Emis	5.44 dt
Banc Spectrun Ref Level Att SGL Count • 1Pk Max 10 dBm	J Edge 20.00 dBm 30 dB 1200/1200	Offset SWT 2	8.17 dB 👄	IT 2-DH5 RBW 100 kHz	2402MH Mode Aut	o FFT	I Hoppi	ng Emis	5.44 dt
Banc Spectrun Ref Level Att SGL Count SGL Count ID dBm- 0 dBm- -10 dBm- -20 dBm-	J Edge 20.00 dBm 30 dB 1200/1200	Offset SWT 2	8.17 dB e 27.5 µs e	NT 2-DH5 RBW 100 kHz VBW 300 kHz	2402MH Mode Aut	o FFT	I Hoppi	ng Emis	5.44 dt
Banc Spectrun Ref Level Att SGL Count • 1Pk Max 10 dBm	D1 -14.88	Offset SWT 2	8.17 dB e 27.5 µs e	NT 2-DH5 RBW 100 kHz VBW 300 kHz	2402MH Mode Aut M1[1 	o FFT .] .]		2.400	5.44 dE
Banc Spectrun Ref Level Att SGL Count • 1Pk Max 10 dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm-	J Edge 20.00 dBm 30 dB 1200/1200	Offset = SWT 2	8.17 dB e 27.5 µs e	IT 2-DH5 RBW 100 kHz	2402MH Mode Aut M1[1 	o FFT .] .]	I Hoppi	2.400	5.44 dE
Bance Spectrun Ref Level Att SGL Count •1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm	D1 -14.88	Offset SWT 2	8.17 dB e 27.5 µs e	NT 2-DH5 RBW 100 kHz VBW 300 kHz	2402MH Mode Aut M1[1 	o FFT .] .]		2.400	5.44 dE
Banc Spectrun Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	D1 -14.88	Offset SWT 2	8.17 dB e 27.5 µs e	NT 2-DH5 RBW 100 kHz VBW 300 kHz	2402MH Mode Aut M1[1 	o FFT .] .]		2.400	5.44 dE
Bance Spectrun Ref Level Att SGL Count •1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm	D1 -14.88	Offset SWT 2	8.17 dB e 27.5 µs e	NT 2-DH5 RBW 100 kHz VBW 300 kHz	2402MH	o FFT .] .]		2.400	5.44 dE
Banc Spectrun Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm	D1 -14.88	Offset SWT 2	8.17 dB  27.5 µs	NT 2-DH5 RBW 100 kHz VBW 300 kHz 100	2402MH	o FFT	anguhyaningu	2.400 2.400 2.400 5top	5.44 dE 5.44 dE 85000 G 554.14 dE 000000 G 600000 G 600000 G 600000 G 600000 G 600000 G 60000 G 60000 G 60000 G 6000 G 60000 G 6000 G 6000 G 6000 G 6000 G 6
Banc Spectrun Ref Level Att SGL Count •10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	D1 -14.880	Offset 1 SWT 2	8.17 dB 27.5 µs 27.5 µs M4	NT 2-DH5 RBW 100 kHz VBW 300 kHz 000	2402MH Mode Aut M1[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1] M2[1 M2[1] M2[1 M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[	o FFT	anguhyaningu	2.400	5.44 dE 5.44 dE 85000 G 554.14 dE 000000 G 600000 G 600000 G 600000 G 600000 G 600000 G 60000 G 60000 G 60000 G 6000 G 60000 G 6000 G 6000 G 6000 G 6000 G 6
Banc Spectrun Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70	D1 -14.88	Offset 1 SWT 2 SWT 2 SdBm SdBm X-value X-value 2.403	8.17 dB 27.5 μs 27.5	IT 2-DH5 RBW 100 kHz VBW 300 kHz	2402MH	o FFT	anguhyaningu	2.400 2.400 2.400 5top	5.44 dE 5.44 dE 85000 G 554.14 dE 000000 G 600000 G 600000 G 600000 G 600000 G 600000 G 60000 G 60000 G 60000 G 6000 G 60000 G 6000 G 6000 G 6000 G 6000 G 6
Banc Spectrun Ref Level Att SGL Count •1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm -70 dBm <b>Start 2.300</b> Marker Type Re M1	D1 -14.88	Offset 1 SWT 2 SWT 2 SdBm	8.17 dB 27.5 µs 27.5 µs 4.10 million (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (	NT 2-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz VBW 300 kHz 100 kHz VBW 300 kHz VBW 100 kHz VBW 300 kHz VBW 100 kHz	2402MH Mode Aut M1[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1] M2[1 M2[1] M2[1 M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1	o FFT	anguhyaningu	2.400 2.400 2.400 5top	5.44 dE 5.44 dE 85000 G 554.14 dE 000000 G 600000 G 600000 G 600000 G 600000 G 600000 G 60000 G 60000 G 60000 G 6000 G 60000 G 6000 G 6000 G 6000 G 6000 G 6

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Spectrum									(
RefLevel 2 Att	0.00 dBm 30 dB			RBW 100 kHz VBW 300 kHz		uto EET			
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10 dBm		M1							
D dBm	A-0-		-	1 A	<u> </u>				
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-10 dBm									
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Spectrum	)( Edge(			IT 2-DH5	5 2480N	) IHz Ant	1 Hoppi		ssion
Spectrum Ref Level 2 Att	Edge( 0.00 dBm 30 dB	Offset 8.	17 dB 👄		5 2480N		1 Hoppi		
Spectrum Ref Level 2	Edge( 0.00 dBm 30 dB	Offset 8.	17 dB 👄	IT 2-DH5	5 2480N		1 Hoppi		-
Spectrum Ref Level 2 Att SGL Count 1 ● 1Pk Max	Edge( 0.00 dBm 30 dB	Offset 8.	17 dB 👄	IT 2-DH5	5 2480N		1 Hoppi	ng Emis	2.27 di
Spectrum Ref Level 2 Att SGL Count 1 • 1Pk Max	Edge( 0.00 dBm 30 dB	Offset 8.	17 dB 👄	IT 2-DH5	5 2480W	Auto FFT	1 Hoppi	ng Emis	2.27 df 15000 G 54.11 df
Spectrum Ref Level 2 Att SGL Count 1 • 1Pk Max	Edge( 0.00 dBm 30 dB	Offset 8.	17 dB 👄	IT 2-DH5	5 2480W	Auto FFT 1[1]	1 Hoppi	ng Emis	
Spectrum Ref Level 2 Att SGL Count 1 ● 1Pk Max	Edge( 0.00 dBm 30 dB	Offset 8.	17 dB 👄	IT 2-DH5	5 2480W	Auto FFT 1[1]	1 Hoppi	ng Emis	2.27 df 15000 G 54.11 df
Spectrum Ref Level 2 Att SGL Count 1 • 1Pk Max 10 dBm -10 dBm -10 dBm	Edge( 0.00 dBm 30 dB	Offset 8. SWT 22	17 dB 👄	IT 2-DH5	5 2480W	Auto FFT 1[1]	1 Hoppi	ng Emis	2.27 df 15000 G 54.11 df
Spectrum Ref Level 2 Att SGL Count 1 • 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm	Edge( 0.00 dBm 30 dB 200/1200	Offset 8. SWT 22	17 dB 👄	IT 2-DH5	5 2480W	Auto FFT 1[1]	1 Hoppi	ng Emis	2.27 df 15000 G 54.11 df
Spectrum Ref Level 2 Att SGL Count 1 • 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	Edge( 0.00 dBm 30 dB 200/1200	Offset 8. SWT 22	17 dB 👄	IT 2-DH5	5 2480W	Auto FFT 1[1]	1 Hoppi	ng Emis	2.27 df 15000 G 54.11 df
Spectrum Ref Level 2 Att SGL Count 1 • 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	Edge( 0.00 dBm 30 dB 200/1200	Offset 8. SWT 22	17 dB 👄	IT 2-DH5	5 2480W	Auto FFT 1[1]	1 Hoppi	ng Emis	2.27 df 15000 G 54.11 df
Spectrum Ref Level 2 Att SGL Count 1 • 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Edge( 0.00 dBm 30 dB 200/1200	Offset 8. SWT 22 dBm	17 dB 👄	IT 2-DH5 RBW 100 kH VBW 300 kH	5 2480N	Auto FFT 1[1]		ng Emis	2.27 di 15000 G 54.11 di 50000 G
Spectrum Ref Level 2 Att SGL Count 1 • 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	Edge( 0.00 dBm 30 dB 200/1200	Offset 8. SWT 22 dBm	17 dB 🖷 7.5 µs 🖷	IT 2-DH5 RBW 100 kH VBW 300 kH	5 2480N	Auto FFT  1[1] 2[1]		2.479 2.483	2.27 di 15000 G 54.11 di 50000 G
Spectrum Ref Level 2 Att SGL Count 1 ● 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm	Edge( 0.00 dBm 30 dB 200/1200	Offset 8. SWT 22 dBm	17 dB 🖷 7.5 µs 🖷	IT 2-DH5 RBW 100 kH VBW 300 kH	5 2480N	Auto FFT  1[1] 2[1]		2.479 2.483	2.27 di 15000 G 54.11 di 50000 G
Spectrum Ref Level 2 Att SGL Count 1 ● 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	Edge( 0.00 dBm 30 dB 200/1200	Offset 8. SWT 22 dBm	17 dB 🖷 7.5 µs 🖷		2480N	Auto FFT  1[1] 2[1]		2.479 2.483	2.27 di 15000 G 54.11 di 50000 G
Spectrum Ref Level 2 Att SGL Count 1 PPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2.476	Edge( 0.00 dBm 30 dB 200/1200	Offset 8. SWT 22 dBm	17 dB 🖷 7.5 µs 🖷	IT 2-DH5 RBW 100 kH VBW 300 kH	2480N	Auto FFT  1[1] 2[1]		2.479 2.483	2.27 di 15000 G 54.11 di 50000 G
Spectrum           Ref Level 2           Att           SGL Count 1           1Pk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -70 dBm           Start 2.476           Marker           Type   Ref	D.00 dBm 30 dB 200/1200	Offset 8. SWT 22 dBm	17 dB ● 7.5 µs ●	IT 2-DH5	2480N 2 2480N 2 Mode / س س س س س س س س س س س س س س س س س س س	Auto FFT 1[1] 2[1]		2.479 2.483	2.27 di 15000 G 54.11 di 50000 G
Spectrum           Ref Level 2           Att           SGL Count 1           • 1Pk Max           • 1D dBm           • 0 dBm           • 10 dBm           • 20 dBm           • 20 dBm           • -20 dBm	C.00 dBm 30 dB 200/1200	Offset 8. SWT 22 dBm- M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	17 dB 7.5 μs 17 dB 5 GHz	IT 2-DH5 RBW 100 kH VBW 300 kH 	2480N	Auto FFT 1[1] 2[1]		2.479 2.483	2.27 di 15000 G 54.11 di 50000 G
Spectrum           Ref Level 2           Att           SGL Count 1           ●1Pk Max           ●10 dBm           0.dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm(2)           -60 dBm           -70 dBm           Start 2.476           Marker           Type         Ref           M1           M2         M3	Edge( 0.00 dBm 30 dB 200/1200 1 -16.636 1 -16.636 GHz GHz Tre 1 1 1	Offset 8. SWT 22 dBm M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	17 dB 7.5 μs	IT 2-DH5 RBW 100 kH VBW 300 kH 100 kH VBW 300 kH 200 kH 100 kH	5 2480N	Auto FFT 1[1] 2[1]		2.479 2.483	2.27 di 15000 G 54.11 di 50000 G
Spectrum           Ref Level 2           Att           SGL Count 1           ●1Pk Max           ●1Pk Max           ●0 dBm           -10 dBm           0 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 2.476           Marker           Type Ref           M1	Edge( 0.00 dBm 30 dB 200/1200 1 -16.636 M4 GHz GHz	Offset 8. SWT 22 dBm M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	17 dB 7.5 μs 5 GHz 5 GHz 5 GHz	IT 2-DH5 RBW 100 kH VBW 300 kH 	5 2480N	Auto FFT 1[1] 2[1]		2.479 2.483	2.27 di 15000 G 54.11 di 50000 G

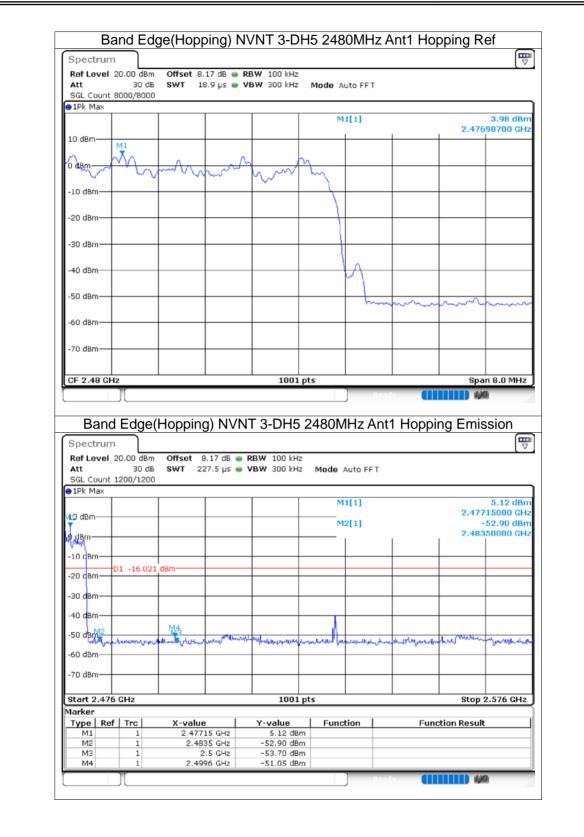
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Ref Level				RBW 100 kHz				
Att SGL Count 8	30 d 8000/800		.9 µs 👄	<b>VBW</b> 300 kHz	Mode Auto FF	Т		
●1Pk Max								
					M1[1]		2.40	6.85 dBm 501300 GHz
10 dBm							M1	
0 dBm				- M	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	$\square \Lambda \Lambda$		h
						W - V	TV .	
-10 dBm								
-20 dBm								
-20 0811								
-30 dBm								
-40 dBm								
-vo ubili			1	1				
-50 dBm-	Acre	0.0						
-60 dBm	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	- m	<u>v</u>					
-50 uBIII								
-70 dBm								
CF 2.402 G	Hz	I		1001 p	ts		Spa	an 8.0 MHz
Band Spectrum Ref Level				NT 3-DH5 2	2402MHz /	Ant1 Hopp	ing Emi	ssion (197
Spectrum Ref Level 3 Att	20.00 dB 30 d	m Offset 8 IB SWT 22	.17 dB 👄				ing Emi	_
Spectrum Ref Level	20.00 dB 30 d	m Offset 8 IB SWT 22	.17 dB 👄	RBW 100 kHz	Mode Auto F		ing Emi	
Spectrum Ref Level : Att SGL Count : 1Pk Max	20.00 dB 30 d	m Offset 8 IB SWT 22	.17 dB 👄	RBW 100 kHz				_
Spectrum Ref Level 3 Att SGL Count 3 1Pk Max 10 dBm	20.00 dB 30 d	m Offset 8 IB SWT 22	.17 dB 👄	RBW 100 kHz	Mode Auto F		2.40	3.62 dBm 315000 GHz
Spectrum Ref Level : Att SGL Count : 1Pk Max	20.00 dB 30 d	m Offset 8 IB SWT 22	.17 dB 👄	RBW 100 kHz	Mode Auto F		2.40	3.62 dBm 315000 GHz
Spectrum Ref Level : Att SGL Count : PIPk Max 10 dBm 0 dBm -10 dBm	20.00 dB 30 d	m Offset 8 IB SWT 22	.17 dB 👄	RBW 100 kHz	Mode Auto F		2.40	3.62 dBm 315000 GHz
Spectrum Ref Level : Att SGL Count : PIPk Max 10 dBm 0 dBm -10 dBm	20.00 dB 30 d 1200/120	m Offset 8 IB SWT 22	.17 dB 👄	RBW 100 kHz	Mode Auto F		2.40	3.62 dBm 315000 GHz
Spectrum Ref Level : Att SGL Count : PIPk Max 10 dBm 0 dBm -10 dBm	20.00 dB 30 d 1200/120	m Offset 8 IB SWT 22	.17 dB 👄	RBW 100 kHz	Mode Auto F		2.40	3.62 dBm 315000 GHz
Spectrum Ref Level 3 Att SGL Count 3 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dB 30 d 1200/120	m Offset 8 IB SWT 22	117 dB • 7.5 µs •	RBW 100 kHz	Mode Auto F		2.40	3.62 dBm 315000 GHz
Spectrum Ref Level 3 Att SGL Count 3 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dB 30 d 1200/120	m Offset 8 IB SWT 22 0	17 dB	RBW 100 kHz VBW 300 kHz	Mode Auto F 	FT	2.403	3.62 dBrr 315000 GH; -54.44 dBrr 000000 dH;
Spectrum           Ref Level 3           Att           SGL Count 3           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	20.00 dB 30 d 1200/120	m Offset 8 IB SWT 22 0	17 dB	RBW 100 kHz	Mode Auto F 	FT	2.403	3.62 dBrr 315000 GH; -54.44 dBrr 000000 dH;
Spectrum Ref Level 3 Att SGL Count 3 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -60 dBm	20.00 dB 30 d 1200/120	m Offset 8 IB SWT 22 0	17 dB	RBW 100 kHz VBW 300 kHz	Mode Auto F 	FT	2.403	3.62 dBrr 315000 GH; -54.44 dBrr 000000 dH;
Spectrum           Ref Level 3           Att           SGL Count 3           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	20.00 dB 30 d 1200/120	m Offset 8 IB SWT 22 0	17 dB	RBW 100 kHz VBW 300 kHz	Mode Auto F 	FT	2.403	3.62 dBrr 315000 GH; -54.44 dBrr 000000 dH;
Spectrum           Ref Level 3           Att           SGL Count 3           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm	20.00 dB 30 c 1200/120	m Offset 8 IB SWT 22 0	17 dB	RBW 100 kHz VBW 300 kHz	Mode Auto F	FT	2.40 2.40	3.62 dBrr 315000 GH; -54.44 dBrr 000000 dH;
Spectrum           Ref Level :           Att           SGL Count :           ID dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 2.306	20.00 dB 30 c 1200/120 D1 -13.1	m Offset 8 B SWT 22 00 53 dBm 53 dBm	17 dB • 7.5 µs •	RBW 100 kHz	Mode Auto F M1[1] M2[1]                                                                                                                                                                                                                                                                                                                           _	FT	2.403	3.62 dBrr 315000 GHz 54.44 dBrr 000000 dHz 000000 dHz 0000000 dHz 000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 000000000000 dHz 000000000000000000000000000000000000
Spectrum           Ref Level 3           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           To dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm	20.00 dB 30 c 1200/120 01 -13.11 00	m Offset 8 B SWT 22 00 53 dBm 53 dBm 54 dBm 55 d	117 dB ● 7.5 µs ● М4 Иминик 5 GHz	RBW 100 kHz VBW 300 kHz	Mode Auto F	FT	2.40 2.40	3.62 dBrr 315000 GHz 54.44 dBrr 000000 dHz 000000 dHz 0000000 dHz 000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 000000000000 dHz 000000000000000000000000000000000000
Spectrum           Ref Level 3           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 2.306           Marker           Type   Ref	20.00 dB 30 c 1200/120 01 -13.11	m Offset 8 IB SWT 22 00 53 dBm 53 dBm 54 dBm 55	17 dB • 7.5 µs • И4 И/и	RBW 100 kHz VBW 300 kHz	Mode Auto F M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[	FT	2.403	3.62 dBrr 315000 GHz 54.44 dBrr 000000 dHz 000000 dHz 0000000 dHz 000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 0000000 dHz 000000000000 dHz 000000000000000000000000000000000000
Spectrum           Ref Level 3           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -70 dBm           Start 2.306           Marker           Type   Ref           M1	20.00 dB 30 c 1200/120 01 -13.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 013.11 0.1	m Offset 8 B SwT 22 00 53 dBm 53 dBm 54 d	17 dB ● 7.5 µs ● М4 Уми ^{лин} ичи 5 GHz 4 GHz	RBW 100 kHz VBW 300 kHz (1) (1) (1) (1) (1) (1) (1) (1)	Mode Auto F M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[	FT	2.403	3.62 dBn 315000 GH: -54.44 dBn 000000 dW 00000 dW 00000 dW 00000 dW 000000 dW 00000 dW 000000 dW 00000 dW 000000 dW 00000 dW 000000 dW 000000 dW 000000 dW 000000 dW 000000 dW 000000 dW 00000000 dW 00000000 dW 0000000000

ACCREDITED Certificate #4298.01





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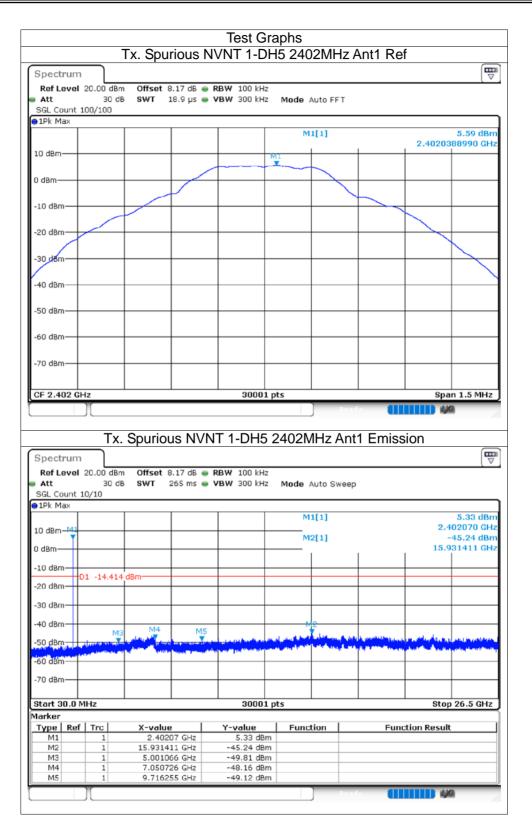




# 8.8 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-50.82	-20	Pass
NVNT	1-DH5	2441	Ant1	-51.89	-20	Pass
NVNT	1-DH5	2480	Ant1	-52.52	-20	Pass
NVNT	2-DH5	2402	Ant1	-50.69	-20	Pass
NVNT	2-DH5	2441	Ant1	-51.27	-20	Pass
NVNT	2-DH5	2480	Ant1	-50.61	-20	Pass
NVNT	3-DH5	2402	Ant1	-58.13	-20	Pass
NVNT	3-DH5	2441	Ant1	-48.52	-20	Pass
NVNT	3-DH5	2480	Ant1	-44.77	-20	Pass







0							41MHz			Ē
Spect			0.6	0.04.40.4		_				
Ref L Att	evel	20.00 dB 30 (			RBW 100 kH VBW 300 kH		Auto FFT			
	ount 1	.00/100		20.5 p5 1	• • • • • • • • • • • • • • • • • • •	- Mode	Autorri			
1Pk M	ах									
						M	11[1]			7.01 dBm
10 dBm						MI			2.4410	231490 GHz
10 0011	' I					×				
0 dBm-										
								$\checkmark$		
-10 dBn	n									
		/	1							
-20 dBn	n-			+				_	$\rightarrow$	
										$\square$
-30 øBn	n+									$\vdash$
			1							
40 dBn	n+		+	-				_		
			1							
-50 dBn	n+		1	+						
			1							
-60 dBn	n —									
70 d0a										
-70 dBn	"									
		][]	. Spurio	ous NV	3000 /NT 1-DH5		) ЛHz Ar	nt1 Emis		an 1.5 MHz
Spect Ref L	rum	)(	m Offset	8.34 dB (	/NT 1-DH5	5 2441N				0
Spect Ref L Att	rum evel	T> T> 20.00 dB 30 d	m Offset	8.34 dB (	/NT 1-DH5	5 2441N	) Pro MHz Ar Auto Swe			0
Spect Ref L Att SGL Co	evel	T> T> 20.00 dB 30 d	m Offset	8.34 dB (	/NT 1-DH5	5 2441N				0
Spect Ref L Att SGL Co IPk M	evel bunt 1 lax	T> T> 20.00 dB 30 d	m Offset	8.34 dB (	/NT 1-DH5	5 2441N ² Mode			sion	0 ( 
Spect Ref L Att SGL Co IPk M	evel bunt 1 lax	T> T> 20.00 dB 30 d	m Offset	8.34 dB (	/NT 1-DH5	5 2441N ² Mode	Auto Swe		sion	2 ( 
Spect Ref L Att SGL Co 1Pk M	evel bunt 1 lax	T> T> 20.00 dB 30 d	m Offset	8.34 dB (	/NT 1-DH5	5 2441N ² Mode	Auto Swe		sion 2	0 ( 
Spect Ref L SGL Co 1Pk M 10 dBm 0 dBm-	evel ount 1 lax	T> 20.00 dE 30 ( 0/10	dB SWT	8.34 dB (	/NT 1-DH5	5 2441N ² Mode	Auto Swe		sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L SGL Co 1Pk M 10 dBm 0 dBm - 10 dBm	evel i bunt 1 lax M3	T> T> 20.00 dB 30 d	dB SWT	8.34 dB (	/NT 1-DH5	5 2441N ² Mode	Auto Swe		sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L SGL Co 1Pk M 10 dBm 0 dBm -10 dBm	evel i bunt 1 lax M3	T> 20.00 dE 30 ( 0/10	dB SWT	8.34 dB (	/NT 1-DH5	5 2441N ² Mode	Auto Swe		sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L SGL Cc ) 1Pk M 10 dBm ) dBm- 10 dBm-	evel ount 1 lax MJ	T> 20.00 dE 30 ( 0/10	dB SWT	8.34 dB (	/NT 1-DH5	5 2441N ² Mode	Auto Swe		sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L SGL Cc 1Pk M 10 dBm -10 dBm -20 dBn -30 dBn -30 dBn	n D	T> 20.00 dE 30 ( 0/10	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5 RBW 100 kH VBW 300 kH	5 2441N ² Mode	Auto Swe		sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L SGL Cc ) 1Pk M 10 dBm 	n D	T> 20.00 dE 30 ( 0/10	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5 RBW 100 kH VBW 300 kH	5 2441N ² Mode	Auto Swe		sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L Att SGL Cc 1Pk M 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBn 50 dBn	rum evel bunt 1 lax MJ	T> 20.00 dE 30 ( 0/10	Im Offset B SWT	8.34 dB ( 265 ms (	/NT 1-DH5 RBW 100 kH VBW 300 kH	5 2441N ² Mode	Auto Swe	ep	sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L Att SGL Cc 91Pk M 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm	rum evel bunt 1 lax MJ	T> 20.00 dE 30 ( 0/10	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5 RBW 100 kH VBW 300 kH	5 2441N ² Mode	Auto Swe	ep	sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L SGL Cc 1Pk M 10 dBm- 10 dBm- 10 dBm- 20 dBn -30 dBn -30 dBn -40 dBn -50 dBn	n Down of the second se	T> 20.00 dE 30 ( 0/10	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5 RBW 100 kH VBW 300 kH	5 2441N ² Mode	Auto Swe	ep	sion 2	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L SGL Cc 1Pk M 10 dBm- 10 dBm- 10 dBm- 20 dBn -30 dBn -30 dBn -40 dBn -50 dBn	n Down of the second se	T> 20.00 dE 30 ( 0/10	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5 RBW 100 kH VBW 300 kH	5 2441N ² Mode	Auto Swe	ep	sion 2	7.16 dBm 140900 GHz -44.89 dBm
Att SGL Co 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm	n Dan an a	T> 20.00 dE 30 ( 0/10 1 -12.96	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5 RBW 100 kH VBW 300 kH	5 2441N ² Mode M	Auto Swe	ep	2 17	7.16 dBm 140900 GHz -44.89 dBm
Spect Ref L Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBn -50 dBm -70 dBm -70 dBm -70 dBm	rum evel ount 1 m p n n n n n n n n n n n n n n n n n n	T> 20.00 dE 30 ( 0/10 1 -12.98	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5	5 2441N 2 Mode M M M	Auto Swe	ep	2 17 17 5to	7.16 dBm +440900 GH2 +44.89 dBm 745489 GH2 
Spect Ref L Att SGL C0 1Pk M 10 dBm- 0 dBm- 10 dBm- 10 dBm 30 dBm -20 dBn -50 dBm -50 dBm -70 dBm	rum evel ount 1 m p n n n n n n n n n n n n n n n n n n	T> 20.00 dE 30 ( 0/10 1 -12.98	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5	5 2441N 2 Mode M M 1 pts	Auto Swe	ep	2 17	7.16 dBm +440900 GH2 +44.89 dBm 745489 GH2 
Spect Ref L Att SGL C0 1Pk M 10 dBm- 10 dB	rum evel ount 1 m p n n n n n n n n n n n n n n n n n n	T> 20.00 dE 30 ( 0/10 01 -12.96 11 -12.96	Sm Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5	5 2441N	Auto Swe	ep	2 17 17 5to	7.16 dBm +440900 GH2 +44.89 dBm 745489 GH2 
Spect Ref L Att SGL C0 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm -50 dBm -50 dBm -70 dB	rum evel ount 1 m p n n n n n n n n n n n n n n n n n n	T> 20.00 dE 30 ( 0/10 1 -12.98 1Hz 1Hz 1 1	Sm         Offset           dB         SWT           35         dBm           35         dBm           36         MM           37         A           38         MM           39         MM           30         A           31         A           32         A           33         A           34         A           35         A	8.34 dB ( 265 ms ( ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )	/NT 1-DH5 RBW 100 kH VBW 300 kH	5 2441N	Auto Swe	ep	2 17 17 5to	7.16 dBm +440900 GH2 +44.89 dBm 745489 GH2 
Spect Ref L Att SGL C0 1Pk M 10 dBm- 10 dB	rum evel ount 1 m p n n n n n n n n n n n n n n n n n n	T> 20.00 dE 30 ( 0/10 01 -12.96 11 -12.96	M Offset dB SWT	8.34 dB ( 265 ms (	/NT 1-DH5	22441N 2 Mode M 	Auto Swe	ep	2 17 17 5to	7.16 dBm +440900 GH2 +44.89 dBm 745489 GH2 



Spectrum									
Ref Level 2 Att	30 dB			BW 100 kHz /BW 300 kHz	Mode A	uto FFT			
SGL Count 10 1Pk Max	0/100								
					Mi	[1]			6.98 dBm
10 dBm			M					2.4798	363550 GHz
0 dBm			-						
-10 dBm									
-10 UBIII									
-20 dBm	$ \rightarrow $								
-30 dBm									+
-40 dBm									
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.48 GHz							1	1	1
GF 2.46 GH2				30001	pts			Sp	an 1.5 MHz
	Tx. 9	Spuriou	s NVN	30001 T 1-DH5		Boa Hz Ant	1 Emis		jû)
Spectrum Ref Level 20 Att	0.00 dBm 30 dB	Offset 8.	17 dB 👄 🖡		2480M	Pon Hz Ant			an 1.5 MHz
Spectrum Ref Level 20 Att SGL Count 10,	0.00 dBm 30 dB	Offset 8.	17 dB 👄 🖡	T 1-DH5	2480M				jû)
Spectrum Ref Level 20 Att SGL Count 10, 1Pk Max	0.00 dBm 30 dB	Offset 8.	17 dB 👄 🖡	T 1-DH5	2480M Mode A			sion	6.44 dBm
Spectrum Ref Level 20 Att SGL Count 10, 1Pk Max	0.00 dBm 30 dB	Offset 8.	17 dB 👄 🖡	T 1-DH5	2480M Mode A	uto Sweep		sion	6.44 dBm 479720 GHz
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm	0.00 dBm 30 dB	Offset 8.	17 dB 👄 🖡	T 1-DH5	2480M Mode A	uto Sweep		sion 2.	6.44 dBm 479720 GHz -45.55 dBm
Spectrum Ref Level 20 Att SGL Count 10, 1Pk Max 10 dBm 10 0 dBm 10, dBm	0.00 dBm 30 dB /10	Offset 8. SWT 26	17 dB 👄 🖡	T 1-DH5	2480M Mode A	uto Sweep		sion 2.	jû)
Spectrum Ref Level 20 Att SGL Count 10, PIPk Max 10 dBm -10	0.00 dBm 30 dB	Offset 8. SWT 26	17 dB 👄 🖡	T 1-DH5	2480M Mode A	uto Sweep		sion 2.	6.44 dBm 479720 GHz -45.55 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm 10 dBm -10 dBm -20 dBm	0.00 dBm 30 dB /10	Offset 8. SWT 26	17 dB 👄 🖡	T 1-DH5	2480M Mode A	uto Sweep		sion 2.	6.44 dBm 479720 GHz -45.55 dBm
Spectrum Ref Level 2 Att SGL Count 10 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	0.00 dBm 30 dB /10	Offset 8. SWT 26	17 dB 👄 🖡	T 1-DH5	2480M Mode A	uto Sweep [[1] 2[1]		sion 2.	6.44 dBm 479720 GHz -45.55 dBm
Spectrum Ref Level 2: Att SGL Count 10 ) IPk Max 10 dBm -10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	0.00 dBm 30 dB /10 -13.019 d	Offset 8. SWT 26	17 dB 👄 🖡	T 1-DH5	2480M Mode A	uto Sweep		2. 17.	6.44 dBm √ 6.44 dBm √ √ √ 0 0 0 0 0 0 0 0 0 0 0 0 0
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	0.00 dBm 30 dB /10 -13.019 d	Offset 8. SWT 26	17 dB 🖷 R 55 ms 🖷 V	T 1-DH5	2480M Mode A	uto Sweep [1] 2[1]		2. 17.	6.44 dBm 479720 GHz -45.55 dBm
Spectrum Ref Level 2: Att SGL Count 10 ) IPk Max 10 dBm -10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	0.00 dBm 30 dB /10 -13.019 d	Offset 8. SWT 26	17 dB 🖷 R 55 ms 🖷 V	T 1-DH5	2480M Mode A	uto Sweep [1] 2[1]		2. 17.	6.44 dBm √ 6.44 dBm √ √ √ 0 0 0 0 0 0 0 0 0 0 0 0 0
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	0.00 dBm 30 dB /10 -13.019 d	Offset 8. SWT 26	17 dB 🖷 R 55 ms 🖷 V	T 1-DH5	2480M Mode A	uto Sweep [1] 2[1]		2. 17.	6.44 dBm √ 6.44 dBm √ √ √ 0 0 0 0 0 0 0 0 0 0 0 0 0
Spectrum Ref Level 20 Att SGL Count 10, 1Pk Max 10 dBm 01 -10 dBm 01 -20 dBm 01 -20 dBm	0.00 dBm 30 dB /10 -13.019 d	Offset 8. SWT 26	17 dB 🖷 R 55 ms 🖷 V	T 1-DH5	2480M Mode A M1	uto Sweep [1] 2[1]		2. 17.	6.44 dBm 479720 GHz -45.55 dBm 702254 GHz 1 1 1 1 1 1 1 1 1 1 1 1 1
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm M 0 dBm 01 -20 dBm 01 -20 dBm	0.00 dBm 30 dB /10 -13.019 d	Offset 8. SWT 26	17 dB 🖷 R 55 ms 🖷 V	T 1-DH5	2480M Mode A M1	uto Sweep [1] 2[1]		2. 17.	6.44 dBm √ 6.44 dBm √ √ √ 0 0 0 0 0 0 0 0 0 0 0 0 0
Spectrum           Ref Level 20           Att           SGL Count 10           IPk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 30.0 MH           Jarker           Type         Ref	0.00 dBm 30 dB /10 -13.019 d M3 kz tz Trc	Offset 8. SWT 26	17 dB • F 55 ms • V M5 ctable data	T 1-DH5	2480M Mode A M3 M2 pts	uto Sweep [[1] [1]		2. 17.	6.44 dBrr 479720 GHz -45.55 dBrr 702254 GHz
Spectrum           Ref Level 20           Att           SGL Count 10           1Pk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm	0.00 dBm 30 dB /10 -13.019 d 	Offset 8. SWT 26	17 dB  F	T 1-DH5	2480M	uto Sweep [[1] [1]		2. 17.	6.44 dBrr 479720 GHz -45.55 dBrr 702254 GHz
Spectrum           Ref Level 20           Att           SGL Count 10           1Pk Max           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -70 dBm	0.00 dBm 30 dB /10 -13.019 d M3 ten 1 1 1	Offset 8. SWT 26	17 dB	T 1-DH5	2480M	uto Sweep [[1] [1]		2. 17.	6.44 dBrr 479720 GHz -45.55 dBrr 702254 GHz
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm M 0 dBm 01 -20 dBm 01 -20 dBm 01 -20 dBm - -30 dBm - -40 dBm - -50 dBm - -50 dBm - -70	0.00 dBm 30 dB /10 -13.019 d -13.019 d iz iz Trc 1 1	Offset 8. SWT 26	M5 S5 ms • V M5 M5 C1 ms • V V M5 C2 ms • V M5 C2 ms	T 1-DH5  BW 100 kHz BW 300 kHz BU	2480M	uto Sweep [[1] [1]		2. 17.	6.44 dBrr 479720 GHz -45.55 dBrr 702254 GHz



		Tx. Spu	Irious IN	IVNT 2-DH	15 2404		Anti Re		_
Spectrum									
Ref Level	20.00 dBr	n Offset	8.17 dB 👄	RBW 100 kHz					
Att	30 d	B SWT	18.9 µs 👄	<b>VBW</b> 300 kHz	Mode Au	uto FFT			
SGL Count 1	100/100								
●1Pk Max					0.01	[1]			5.46 dBm
					M1	[1]		2,40215	39950 GHz
10 dBm				_	M				
					1	-			
0 dBm						<u> </u>	~		
		~~~~							
-10 dBm 🕂									<u> </u>
-20 dBm-+									$ \rightarrow $
									$ \rangle$
-30 dBm									, · · · ·
-40 dBm									
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.402 G	Hz			30001 p	ots			Spa	n 1.5 MHz
	Tx	. Spurio	us NVN	NT 2-DH5 2	2402M	Peer Hz Ant	1 Emiss	sion	
		•] 2402M	Rom Hz Ant	1 Emiss	sion	
Ref Level	20.00 dBr	n Offset	8.17 dB 👄	RBW 100 kHz				sion	
Ref Level Att	20.00 dBr 30 d	n Offset	8.17 dB 👄			Hz Ant		sion	
Ref Level Att SGL Count 1	20.00 dBr 30 d	n Offset	8.17 dB 👄	RBW 100 kHz				ion	
Ref Level Att SGL Count 1	20.00 dBr 30 d	n Offset	8.17 dB 👄	RBW 100 kHz		uto Sweep		ion	0 // // // // // // // // // // // // //
Ref Level Att SGL Count 1 1Pk Max	20.00 dBr 30 d	n Offset	8.17 dB 👄	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz
Ref Level Att SGL Count 3 1Pk Max	20.00 dBr 30 d	n Offset	8.17 dB 👄	RBW 100 kHz	Mode At	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm
Ref Level Att SGL Count 3 1Pk Max	20.00 dBr 30 d	n Offset	8.17 dB 👄	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm
Ref Level Att SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBr 30 d 10/10	n Offset B SWT	8.17 dB 👄	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm
Ref Level Att SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBr 30 d	n Offset B SWT	8.17 dB 👄	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm
Ref Level Att SGL Count 1 1Pk Max 10 dBm 0 dBm 10 dBm -10 dBm -20 dBm	20.00 dBr 30 d 10/10	n Offset B SWT	8.17 dB 👄	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm
Ref Level Att SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBr 30 d 10/10	n Offset B SWT	8.17 dB 👄	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm
Ref Level Att SGL Count 1 1Pk Max 10 dBm 0 dBm 10 dBm -10 dBm -20 dBm	20.00 dBr 30 d 10/10	m Offset B SWT	8.17 dB e 265 ms e	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm
Ref Level Att SGL Count 3 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBr 30 d 10/10	n Offset B SWT	8.17 dB 👄	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm 76667 GHz
Ref Level Att SGL Count 3 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	20.00 dBr 30 d 10/10	n Offset B SWT	8.17 dB e 265 ms e	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm 76667 GHz
Ref Level Att SGL Count 3 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBr 30 d 10/10	n Offset B SWT	8.17 dB e 265 ms e	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm 76667 GHz
Ref Level Att SGL Count 1 SGL Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBr 30 d 10/10	n Offset B SWT	8.17 dB e 265 ms e	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm 76667 GHz
Ref Level Att SGL Count 3 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	20.00 dBr 30 d 10/10	n Offset B SWT	8.17 dB e 265 ms e	RBW 100 kHz	Mode Au M1	uto Sweep [1]		2.4	-1.82 dBm 02070 GHz 45.23 dBm 76667 GHz
Att SGL Count 2 SGL Count 2	20.00 dBr 30 d 10/10 D1 -14.537	n Offset B SWT	8.17 dB e 265 ms e	RBW 100 kHz VBW 300 kHz	Mode Au 	uto Sweep [1]		2.4 - 17.6	-1.82 dBm 02070 GHz 45.23 dBm 76667 GHz
Ref Level Att SGL Count 1 SGL Count 2 IPk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 30.0 M	20.00 dBr 30 d 10/10 D1 -14.537	n Offset B SWT	8.17 dB e 265 ms e	RBW 100 kHz	Mode Au 	uto Sweep [1]		2.4 - 17.6	-1.82 dBm 02070 GHz 45.23 dBm 76667 GHz
Ref Level Att SGL Count 1 SGL Count 2 IPk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 30.0 M	20.00 dBr 30 d 10/10 D1 -14.537 M M MHz	n Offset B SWT	8.17 dB 265 ms	RBW 100 kHz VBW 300 kHz	Mode Au 	(1) (1)		2.4 - 17.6	-1.82 dBm 02070 GHz -45.23 dBm 76667 GHz
Ref Level Att SGL Count 3 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	20.00 dBr 30 d 10/10 01 -14.537 M MHz MHz	m Offset B SWT	8.17 dB 265 ms 265 ms	RBW 100 kHz VBW 300 kHz	Mode Au M1 M2	(1) (1)		2.4 	-1.82 dBm 02070 GHz -45.23 dBm 76667 GHz
Ref Level Att SGL Count 3 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	20.00 dBr 30 d 10/10 D1 -14.537 MHz MHz I Trc I 1 1	m Offset B SWT	8.17 dB 265 ms 265 ms 26	RBW 100 kHz VBW 300 kHz 	Mode Au M1 M2	(1) (1)		2.4 	-1.82 dBm 02070 GHz -45.23 dBm 76667 GHz
Ref Level Att SGL Count 3 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm	20.00 dBr 30 d 10/10 01 -14.537 M MHz MHz	m Offset B SWT	8.17 dB 265 ms 265 ms	RBW 100 kHz VBW 300 kHz	Mode Au M1 M2	(1) (1)		2.4 	-1.82 dBm 02070 GHz -45.23 dBm 76667 GHz
Ref Level Att SGL Count 3 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm	20.00 dBr 30 d 10/10 01 -14.537 M M MHz MHz	M Offset B SWT 2 dBm 2 dBm 3 M4 3 M4 2 400 1 7.6763 1 7.0636	8.17 dB 265 ms 265 ms 26	RBW 100 kHz VBW 300 kHz	Mode Au M1 M2	(1) (1)		2.4 	-1.82 dBm 02070 GHz -45.23 dBm 76667 GHz

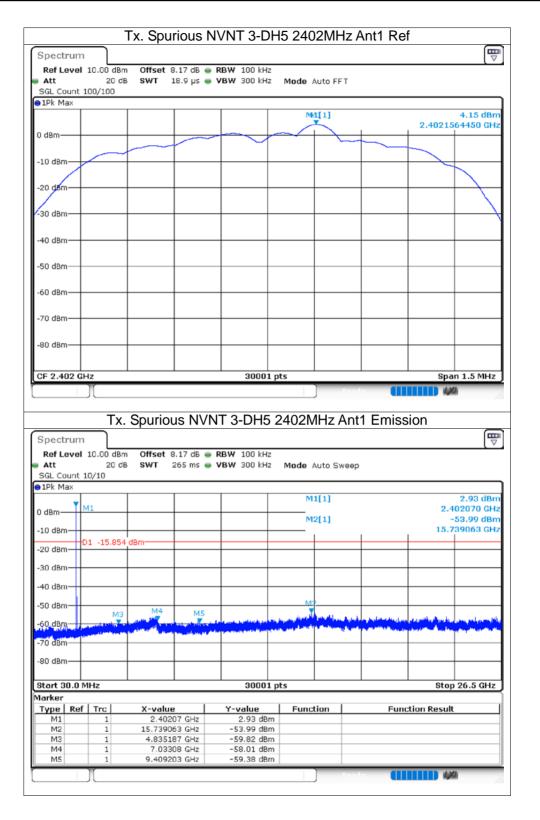


		TX. Spu	110031	VNT 2-DF				_
Spectrur	n							
Ref Leve	l 20.00 di	Bm Offset	8.34 dB 🥌	RBW 100 kHz				(!
Att 🛛	30	dB SWT	18.9 µs 👄	VBW 300 kHz	Mode Auto F	τ		
SGL Count	100/100							
JIPK Max	1		1		M1[1]			6.64 dBm
					(infit)		2.4408	363050 GHz
10 dBm—				▶41 ▼				
					\sim			
0 dBm				+ +			-	
-10 dBm								
-28 dBm-								
-20 ubiii—								
-30 dBm—								
-30 ubiii								
-40 dBm								
-50 dBm—								
-60 dBm—							_	
-70 dBm—								
CF 2.441	 CH7							
				30001 r	ots		Sp	an 1.5 MHz
][k. Spurio	us NVI	30001 F		Ready 🚺 Ant1 Emis		an 1.5 MHz
Spectrur		k. Spurio	us NVI			Ant1 Emis		
	_][; ; 	•		NT 2-DH5 :		Poody C		
Ref Leve Att	T; n 1 20.00 dl 30	Bm Offset	8.34 dB 👄] 2441MHz .			
Ref Leve Att SGL Count	T; n 1 20.00 dl 30	Bm Offset	8.34 dB 👄	NT 2-DH5 2] 2441MHz .			
Ref Leve Att SGL Count	T; n 1 20.00 dl 30	Bm Offset	8.34 dB 👄	NT 2-DH5 2	2441MHz Mode Auto S			
Ref Leve Att SGL Count 1Pk Max	T; n 1 20.00 dl 30	Bm Offset	8.34 dB 👄	NT 2-DH5 2] 2441MHz .		ssion	
Ref Leve Att SGL Count 1Pk Max	T; n 1 20.00 di 30 : 10/10	Bm Offset	8.34 dB 👄	NT 2-DH5 2	2441MHz Mode Auto S		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Ref Leve Att SGL Count 1Pk Max	T; n 1 20.00 di 30 : 10/10	Bm Offset	8.34 dB 👄	NT 2-DH5 2	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz
Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm	T; n 1 20.00 dl 30 : 10/10	Bm Offset dB SWT	8.34 dB 👄	NT 2-DH5 2	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm	T; n 1 20.00 dl 30 : 10/10	Bm Offset dB SWT	8.34 dB 👄	NT 2-DH5 2	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	T; n 1 20.00 dl 30 : 10/10	Bm Offset dB SWT	8.34 dB 👄	NT 2-DH5 2	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	T; n 1 20.00 dl 30 : 10/10	Bm Offset dB SWT	8.34 dB 👄	NT 2-DH5 2	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Mail Mail Att SGL Count SGL Count 10 dBm 10 dBm M -10 dBm -10 dBm -20 dBm -30 dBm	T: 1 20.00 dl 30 10/10	Bm Offset dB SWT	8.34 dB • 265 ms •	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Mail Mail Att SGL Count SGL Count 10 dBm 10 dBm M -10 dBm -10 dBm -20 dBm -30 dBm	T: 1 20.00 dl 30 10/10	Bm Offset dB SWT	8.34 dB 👄	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Ref Level Att SGL Count SGL Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	T: 1 20.00 dl 30 10/10	Bm Offset dB SWT	8.34 dB • 265 ms •	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Mail Mail Att SGL Count SGL Count 10 dBm 10 dBm M -10 dBm -10 dBm -20 dBm -30 dBm	T: 1 20.00 dl 30 10/10	Bm Offset dB SWT	8.34 dB • 265 ms •	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	T: 1 20.00 dl 30 10/10	Bm Offset dB SWT	8.34 dB • 265 ms •	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S 		assion 2.	0.39 dBm 440900 GHz -44.64 dBm
Ref Leve Att SGL Count SGL Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	T; n30 : 10/10	Bm Offset dB SWT	8.34 dB • 265 ms •	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S M1[1] M2[1]		2. 15.	0.39 dBm 440900 GHz -44.64 dBm 936705 GHz
Ref Level Att SGL Count SGL Count IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm	T; n30 : 10/10	Bm Offset dB SWT	8.34 dB • 265 ms •	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S M1[1] M2[1]		2. 15.	0.39 dBm 440900 GHz -44.64 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm SGL Count Stort 30.0	T: 1 20.00 dl 30 1 20.00 1 2	Bm Offset dB SWT	8.34 dB 265 ms	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S M1[1] M2[1] M2[1] M2 M3 M3	weep	2. 15.	0.39 dBm 440900 GHz -44.64 dBm 936705 GHz
Ref Level Att SGL Count SGL Count IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm	T: 1 20.00 dl 30 1 20.00 1 2	Bm Offset dB SWT	8.34 dB 265 ms	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2441MHz . Mode Auto S M1[1] M2[1]	weep	2. 15.	0.39 dBm 440900 GHz -44.64 dBm 936705 GHz
Att SGL Count SGL Count I SGL Count I D dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70	T) n 1 20.00 dl 30 10/10 	Bm Offset dB SWT 54 dBm 3 M4 7 Valu 2.44 15.9367	8.34 dB 265 ms 265 ms 4	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz VBW 300 kHz	2441MHz . Mode Auto S M1[1] M2[1] M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	weep	2. 15.	0.39 dBm 440900 GHz -44.64 dBm 936705 GHz
Ref Level Att SGL Count SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm Start 30.0 Marker Type M1 M2 M3	T: 1 20.00 di 30 10/10 -01 -13.3 -01 -1	Bm Offset dB SWT 54 dBm 3 M4 3 M4 2.44 15.9367 4.7548	8.34 dB 265 ms	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz VBW 300 kHz 3000 kHz 	2441MHz . Mode Auto S M1[1] M2[1] M2[1] M2[1] M2 M2 M3 M3 M3 M3 M3 M3 M3 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	weep	2. 15.	0.39 dBm 440900 GHz -44.64 dBm 936705 GHz
Ref Level Att SGL Count SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm Start 30.0 Marker Type M1 M2	T) n 1 20.00 dl 30 10/10 	Bm Offset dB SwT 54 dBm 3 M4 3 M4 3 M4 7 2.44 15.9367 4.7545 7.2916	8.34 dB 265 ms 265 ms 4	NT 2-DH5 2 RBW 100 kHz VBW 300 kHz VBW 300 kHz	2441MHz . Mode Auto S M1[1] M2[1] M2[1] M2[1] M2 M2 M3 M3 M3 M3 M3 M3 M3 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	weep	2. 15.	0.39 dBm 440900 GHz -44.64 dBm 936705 GHz



	TA: Opu	1000 11	VNT 2-DH			01	
Spectrum							
Ref Level 20.00			RBW 100 kHz				
Att 3 SGL Count 100/10		18.9 µs 👄	VBW 300 kHz	Mode Auto FF	Т		
1Pk Max	5						
				M1[1]			5.26 dBm
						2.4799	900500 GHz
10 dBm			M				
0 dBm				~ ~			
	1						
-10 dBm							
-20 dBm							
-30 dBm							
40 d0m							
-40 dBm							
E0 d0m							
-50 dBm							
-60 dBm							
-00 ubiii							
-70 dBm							
-/ 0 UBIII-							
CF 2.48 GHz			30001 p	*-		Sn	an 1.5 MHz
	Tx. Spurio	us NVN		2480MHz /	Ant1 Emis	•	
Spectrum Ref Level 20.00	dBm Offset (3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz A		•	
Spectrum Ref Level 20.00 Att 3	dBm Offset (3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz			•	
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10	dBm Offset (3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz A		•	
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10	dBm Offset (3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz A		•	
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 1Pk Max 10 dBm	dBm Offset (3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz / Mode Auto Sv 		sion	0.31 dBm 479720 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 1Pk Max 10 dBm	dBm Offset (3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz A Mode Auto Sv		ision 2.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 1Pk Max 10 dBm	dBm Offset (3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz / Mode Auto Sv 		ision 2.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10) IPk Max 10 dBm 10 dBm -10 dBm	dBm Offset a	3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz / Mode Auto Sv 		ision 2.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm D1 -14.	dBm Offset (3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz / Mode Auto Sv 		ision 2.	0.31 dBm 479720 GHz
Spectrum Ref Level 20.00 Att 3: SGL Count 10/10 PPk Max 10 dBm -10 dBm -10 dBm -20 dBm 01 -14,	dBm Offset a	3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz / Mode Auto Sv 		ision 2.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3: SGL Count 10/10 PPk Max 10 dBm -10 dBm -10 dBm -20 dBm 01 -14,	dBm Offset a	3.17 dB 👄	IT 2-DH5 2 RBW 100 kHz	2480MHz / Mode Auto Sv 		ision 2.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm	dBm Offset a 0 dB SWT	3.17 dB	IT 2-DH5 2 RBW 100 kHz VBW 300 kHz	2480MHz / Mode Auto Sv 		2. 22.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -30 dBm -40 dBm	dBm Offset a 0 dB SWT 741 dBm M3 M4	3.17 dB • 265 ms •	RBW 100 kHz VBW 300 kHz	2480MHz / Mode Auto Sv 	veep	2. 22.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	dBm Offset a 0 dB SWT	3.17 dB • 265 ms •	RBW 100 kHz VBW 300 kHz	2480MHz / Mode Auto Sv 	veep	2: 22:	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 1Pk Max 10 dBm 10 -10 dBm 01 -20 dBm 01 -30 dBm -40 dBm	dBm Offset a 0 dB SWT 741 dBm M3 M4	3.17 dB 265 ms	RBW 100 kHz VBW 300 kHz	2480MHz / Mode Auto Sv 	veep	2: 22:	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	dBm Offset a 0 dB SWT 741 dBm M3 M4	3.17 dB 265 ms	RBW 100 kHz VBW 300 kHz	2480MHz / Mode Auto Sv 	veep	2. 22.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	dBm Offset a 0 dB SWT 741 dBm M3 M4	3.17 dB 265 ms	RBW 100 kHz VBW 300 kHz	2480MHz / Mode Auto Sv 	veep	2. 22.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	dBm Offset a 0 dB SWT 741 dBm M3 M4	3.17 dB 265 ms	RBW 100 kHz VBW 300 kHz	2480MHz / Mode Auto Sv M1[1] M2[1]	veep	2. 22.	0.31 dBm 479720 GHz -45.35 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -70 dBm	dBm Offset (0 dB SWT	3.17 dB 265 ms M5	IT 2-DH5 2	2480MHz / Mode Auto Sv 		2. 22.	0.31 dBm 479720 GHz -45.35 dBm 682144 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	dBm Offset 8 0 dB SWT 741 dBm MC M4	3.17 dB 265 ms M5	IT 2-DH5 2	2480MHz / Mode Auto Sv M1[1] M2[1]		2. 22.	0.31 dBm 479720 GHz -45.35 dBm 682144 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	dBm Offset 3 0 dB SWT 741 dBm	3.17 dB 265 ms	IT 2-DH5 2	2480MHz / Mode Auto Sv 		2. 22.	0.31 dBm 479720 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 30.0 MHz Marker Type	dBm Offset 0 0 dB SWT SWT 741 dBm M4 M4 741 dBm M4 M4 2 479 22.6821 M4	3.17 dB 265 ms	IT 2-DH5 2 RBW 100 kH2 VBW 300 kH2 VBW 300 kH2 300 kH2	2480MHz / Mode Auto Sv 		2. 22.	0.31 dBm 479720 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -30 dBm -30 dBm -30 dBm -70 dBm -50 dBm -60 dBm -70 dBm <t< td=""><td>dBm Offset G 0 dB SWT SWT 741 dBm G 742 G G 743 G G 7 G<</td><td>8.17 dB 265 ms 265 ms</td><td>IT 2-DH5 2 RBW 100 kHz VBW 300 kHz VBW 300 kHz 3000 kHz</td><td>2480MHz / Mode Auto Sv </td><td></td><td>2. 22.</td><td>0.31 dBm 479720 GHz</td></t<>	dBm Offset G 0 dB SWT SWT 741 dBm G 742 G G 743 G G 7 G<	8.17 dB 265 ms 265 ms	IT 2-DH5 2 RBW 100 kHz VBW 300 kHz VBW 300 kHz 3000 kHz	2480MHz / Mode Auto Sv 		2. 22.	0.31 dBm 479720 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm <t< td=""><td>dBm Offset 0 0 dB SWT 741 dBm </td><td>8.17 dB 265 ms 265 ms</td><td>IT 2-DH5 2 RBW 100 kH2 VBW 300 kH2 VBW 300 kH2 300 kH2</td><td>2480MHz / Mode Auto Sv </td><td>veep</td><td>2. 22.</td><td>0.31 dBm 479720 GHz -45.35 dBm 682144 GHz </td></t<>	dBm Offset 0 0 dB SWT 741 dBm	8.17 dB 265 ms 265 ms	IT 2-DH5 2 RBW 100 kH2 VBW 300 kH2 VBW 300 kH2 300 kH2	2480MHz / Mode Auto Sv 	veep	2. 22.	0.31 dBm 479720 GHz -45.35 dBm 682144 GHz





ACCREDITED





		Tx. Spu	rious i	NVNT 3-DH	15 2441 MF	iz Ant'i Re	er	_
Spectrum								
Ref Level				RBW 100 kHz				
SGL Count :	30 (100/100	db SWT	18.9 µs 🧉	VBW 300 kHz	Mode Auto FF	Т		
1Pk Max	100/100							
					M1[1]			3.96 dBm
							2.44115	541950 GHz
10 dBm					M1			
0 dBm		\sim						
	\sim	1						
-10 dBm								
-20 dBm-+								
-30 dBm								
40 d8								
-40 dBm								
50 d0m								
-50 dBm-+								
-60 dBm								
-00 usm								
-70 dBm								
-/0 dBm								
CF 2.441 G								
)[т,	. Spurio	us NV	30001 p NT 3-DH5 2		Ant1 Emis		0 1.5 MHz
Spectrum Ref Level) [Sm Offset :	8.34 dB 🧉	NT 3-DH5 2	2441MHz A			in 1.5 MHz
Spectrum	T> 20.00 dE 30	Sm Offset :	8.34 dB 🧉	NT 3-DH5 2				
Spectrum Ref Level Att SGL Count :	T> 20.00 dE 30	Sm Offset :	8.34 dB 🧉	NT 3-DH5 2	2441MHz A Mode Auto Sw			
Spectrum Ref Level Att	T> 20.00 dE 30	Sm Offset :	8.34 dB 🧉	NT 3-DH5 2	2441MHz A		sion	-0.34 dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm	T> 20.00 dE 30	Sm Offset :	8.34 dB 🧉	NT 3-DH5 2	2441MHz A Mode Auto Sw M1[1]		sion 2.4	-0.34 dBm ⊭40900 GHz
Spectrum Ref Level Att SGL Count : 1Pk Max	T> 20.00 dE 30	Sm Offset :	8.34 dB 🧉	NT 3-DH5 2	2441MHz A Mode Auto Sw		sion 2.4	-0.34 dBm
Spectrum Ref Level SGL Count : IPk Max 10 dBm 0 dBm	T> 20.00 dE 30	Sm Offset :	8.34 dB 🧉	NT 3-DH5 2	2441MHz A Mode Auto Sw M1[1]		sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 0 dBm -10 dBm	T> 20.00 dE 30 i 10/10	Bm Offset a	8.34 dB 🧉	NT 3-DH5 2	2441MHz A Mode Auto Sw M1[1]		sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 0 dBm -10 dBm	T> 20.00 dE 30	Bm Offset a	8.34 dB 🧉	NT 3-DH5 2	2441MHz A Mode Auto Sw M1[1]		sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 10 dBm -10 dBm -20 dBm	T> 20.00 dE 30 (10/10	Bm Offset a	8.34 dB 🧉	NT 3-DH5 2	2441MHz A Mode Auto Sw M1[1]		sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm	T> 20.00 dE 30 (10/10	Bm Offset a	8.34 dB 🧉	NT 3-DH5 2	2441MHz A Mode Auto Sw M1[1] 	reep	sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : SGL Count : 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm	T> 20.00 dE 30 1 10/10	Bm Offset : dB SWT	3.34 dB =	NT 3-DH5 2 RBW 100 kH2 VBW 300 kH2	2441MHz A Mode Auto Sw M1[1] 		sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : 10 dBm 10 dBm 10 dBm 20 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm	T> 20.00 dE 30 1 10/10	Bim Offset : dB SWT	8.34 dB 🧉	NT 3-DH5 2 RBW 100 kH2 VBW 300 kH2	2441MHz A Mode Auto Sw M1[1] 	reep	sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : SGL Count : IPk Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm	T> 20.00 dE 30 1 10/10	Bm Offset : dB SWT	3.34 dB =	NT 3-DH5 2 RBW 100 kH2 VBW 300 kH2	2441MHz A Mode Auto Sw M1[1] 	reep	sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : SGL Count : IPk Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm	T> 20.00 dE 30 1 10/10	Bm Offset : dB SWT	3.34 dB =	NT 3-DH5 2 RBW 100 kH2 VBW 300 kH2	2441MHz A Mode Auto Sw M1[1] 	reep	sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : IPK Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -60 dBm	T> 20.00 dE 30 1 10/10	Bm Offset : dB SWT	3.34 dB =	NT 3-DH5 2 RBW 100 kH2 VBW 300 kH2	2441MHz A Mode Auto Sw M1[1] 	reep	sion 2.4	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : SGL Count : IPk Max 10 dBm 40 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm	T> 20.00 dE 30 1 10/10	Bm Offset : dB SWT	3.34 dB =	NT 3-DH5 2	2441MHz A Mode Auto Sw M1[1] M2[1]	reep	2	-0.34 dBm H40900 GHz 44.57 dBm 551961 GHz
Spectrum Ref Level Att SGL Count : SGL Count : IPk Max 10 dBm 40 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm	T> 20.00 dE 30 1 10/10	Bm Offset : dB SWT	3.34 dB =	NT 3-DH5 2 RBW 100 kH2 VBW 300 kH2	2441MHz A Mode Auto Sw M1[1] M2[1]	reep	2	-0.34 dBm H40900 GHz -44.57 dBm
Spectrum Ref Level Att SGL Count : SGL Count : SGL Count : IPk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	T> 20.00 dE 30 d 10/10 01 -16.04	Arrow M4	3.34 dB	NT 3-DH5 2	2441MHz A		2 17.6	-0.34 dBm H40900 GHz 444.57 dBm 551961 GHz
Spectrum Ref Level Att SGL Count : SGL Count : SGL Count : ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm Start 30.0 M Marker Type Ref	T> 20.00 dE 30 1 10/10 01 -16.04	Amount of the second se	3.34 dB	NT 3-DH5 2	2441MHz A Mode Auto Sw M1[1] M2[1]		2	-0.34 dBm H40900 GHz 444.57 dBm 551961 GHz
Spectrum Ref Level Att SGL Count : SGL Count : SGL Count : IPk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	T> 20.00 dE 30 d 10/10 01 -16.04	Amount of the second se	3.34 dB 265 ms	NT 3-DH5 2	2441MHz A		2 17.6	-0.34 dBm H40900 GHz 444.57 dBm 551961 GHz
Spectrum Ref Level Att SGL Count : IPk Max I0 dBm I	10/10 10	Sime Offset I dB SWT SWT d2 dBm III IIII d2 dBm IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	8.34 dB 265 ms	NT 3-DH5 2	2441MHz A		2 17.6	-0.34 dBm H40900 GHz 444.57 dBm 551961 GHz
Spectrum Ref Level Att SGL Count : SGL Count : IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm	T> 20.00 dE 30 1 10/10 01 -16.04	M Offset : dB SWT 2 dBm 43 M4 43 M4 43 M4 43 M4 44 M4 7 .5165 7 .5165	8.34 dB 265 ms	NT 3-DH5 2	2441MHz A		2 17.6	-0.34 dBm H40900 GHz 444.57 dBm 551961 GHz



Spectrum	Tx. Spurious N					Ē
Ref Level 20.00 d	Bm Offset 8.17 dB 🥃	RBW 100 kHz				(V
Att 30		VBW 300 kHz M	ode Auto FFT			
SGL Count 100/100						
1Pk Max						
			M1[1]			3.83 dBm
10 dBm					2.48000	093000 GHz
		111				
0 dBm						
-10 dBm						
						\searrow
-20 dBm				_		
-30 dBm						
-40 dBm						
-50 dBm						
-60 dBm						
-70 dBm						
CF 2.48 GHz						n 1.5 MHz
		30001 pts			эрс	m 1.5 MHz)
Spectrum	x. Spurious NVI		BOMHz Ar	nt1 Emis	sion	
Spectrum Ref Level 20.00 d	Bm Offset 8.17 dB 🖷				sion	
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10	Bm Offset 8.17 dB 🖷	RBW 100 kHz			sion	(The second sec
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10	Bm Offset 8.17 dB 🖷	RBW 100 kHz	ode Auto Swe		sion	
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 p1Pk Max	Bm Offset 8.17 dB 🖷	RBW 100 kHz				1.16 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10) IPk Max	Bm Offset 8.17 dB 🖷	RBW 100 kHz	ode Auto Swe		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 PIPk Max 10 dBm	Bm Offset 8.17 dB 🖷	RBW 100 kHz	ode Auto Swei M1[1]		2	1.16 dBm 179720 GHz
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 91Pk Max 10 dBm 	Bm Offset 8.17 dB 🖷	RBW 100 kHz	ode Auto Swei M1[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 PIPk Max 10 dBm .10 dBm .10 dBm	Bm Offset 8.17 dB dB SWT 265 ms	RBW 100 kHz	ode Auto Swei M1[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 PIPk Max 10 dBm .10 dBm .10 dBm	Bm Offset 8.17 dB dB SWT 265 ms	RBW 100 kHz	ode Auto Swei M1[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 PIPk Max 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm	Bm Offset 8.17 dB dB SWT 265 ms	RBW 100 kHz	ode Auto Swei M1[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz VBW 300 kHz	ode Auto Swei M1[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 PIPk Max 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -20 dBm -30 dBm	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz VBW 300 kHz	M1[1] M2[1] M2[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 PIPk Max 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -20 dBm -30 dBm	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz VBW 300 kHz	ode Auto Swei M1[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 IPk Max 10 dBm 10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -50 dBm	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz VBW 300 kHz	M1[1] M2[1] M2[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz VBW 300 kHz	M1[1] M2[1] M2[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz VBW 300 kHz	M1[1] M2[1] M2[1]		2	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 1Pk Max 10 Image: Marcologic state	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz Mi VBW 300 kHz Mi	M1[1] M2[1] M2[1]		2 9	1.16 dBm #79720 GHz #40.95 dBm 01.745 MHz
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 IPk Max 10 dBm 50 dBm 60 dBm 70 dBm 70 dBm Start 30.0 MHz	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz VBW 300 kHz	M1[1] M2[1] M2[1]		2 9	1.16 dBm †79720 GHz -40.95 dBm
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 IPk Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm	RBW 100 kHz Mi VBW 300 kHz Mi 5	M1[1] M2[1] M2[1]	ep	2 9	1.16 dBm #79720 GHz
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 1Pk Max 10 Image: Spectrum of the system of the	Bm Offset 8.17 dB dB SWT 265 ms	RBW 100 kHz Mi VBW 300 kHz Mi 5	M1[1] M2[1] M2[1]	ep	2 9	1.16 dBm #79720 GHz
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 IPk Max 10 10 dBm 10 -10 dBm -10 -10 dBm -10 -10 dBm -10 -10 dBm -10 -20 dBm -10 -30 dBm -10 -50 dBm -10 -60 dBm -10 -70 -10 -70 -10 -70 -10 -70 -10 -70	Bm Offset 8.17 dB dB SWT 265 ms SWT 265 ms 69 dBm 1 713 M4 M 714 M4 M 715 742 GH2 1 901.745 MHz 901.745 MHz 1	RBW 100 kHz Mi VBW 300 kHz Mi 5	M1[1] M2[1] M2[1]	ep	2 9	1.16 dBm #79720 GHz
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 1Pk Max 10 Image: Spectrum of the system of the	Bm Offset 8.17 dB dB SWT 265 ms	RBW 100 kHz Mi VBW 300 kHz Mi 5	M1[1] M2[1] M2[1]	ep	2 9	1.16 dBm #79720 GHz
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 1Pk Max 10 Image: Start	Bm Offset 8.17 dB dB SWT 265 ms 69 dBm 69 dBm 43 M4 M 43 M4 M 59 dBm 59 dBm 59 dBm 59 dBm 59 dBm 59 dBm 50 dB	RBW 100 kHz Mi VBW 300 kHz Mi 5	M1[1] M2[1] M2[1]	ep	2 9	1.16 dBm #79720 GHz
Spectrum Ref Level 20.00 d Att 30 SGL Count 10/10 1Pk Max 10 10 10 dBm M1 0 -10 dBm -01 -16.1 -01 -20 dBm -01 -16.1 -01 -30 dBm -01 -01 -01 -50 dBm -01 -01 -01 -60 dBm -01 -01 -01 -60 dBm -01 -01 -01 -70 dBm -01 -01 -70 dBm -01 <td>Bm Offset 8.17 dB dB SWT 265 ms dB SWT 265 ms 69 dBm 69 dBm 43 M4 M 43 M4 M 43 M4 M 43 M4 M 50 M4 M4 M 51 MH2 MH2 MH2 MH2 MH2 MH2 MH2 MH2 MH2 MH2</td> <td>RBW 100 kHz Mi VBW 300 kHz Mi 5 </td> <td>M1[1] M2[1] M2[1]</td> <td>ep</td> <td>2 9</td> <td>1.16 dBm #79720 GHz</td>	Bm Offset 8.17 dB dB SWT 265 ms dB SWT 265 ms 69 dBm 69 dBm 43 M4 M 43 M4 M 43 M4 M 43 M4 M 50 M4 M4 M 51 MH2	RBW 100 kHz Mi VBW 300 kHz Mi 5	M1[1] M2[1] M2[1]	ep	2 9	1.16 dBm #79720 GHz

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END OF REPORT