

RADIO TEST REPORT FCC ID: Y9THS-T0421

Product: Radio Trade Mark: HSAE Model No.: HS-T0421 Family Model: HS-T0423, HS-T0445, HS-T0446, HS-T0451 Report No.: S23010300122001 Issue Date: Jan 06, 2023

Prepared for

SHENZHEN HANGSHENG ELECTRONICS CO., LTD. Hangsheng Industrial Park, Fuyuan Yi Road, Heping Village, Fuyong Town, Baoan District, Shenzhen, China

Prepared by

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1 TEST RESULT CERTIFICATION

Applicant's name:	SHENZHEN HANGSHENG ELECTRONICS CO., LTD.
Address:	Hangsheng Industrial Park, Fuyuan Yi Road, Heping Village, Fuyong Town, Baoan District,Shenzhen,China
Manufacturer's Name:	SHENZHEN HANGSHENG ELECTRONICS CO., LTD.
Address:	Hangsheng Industrial Park, Fuyuan Yi Road, Heping Village, Fuyong Town, Baoan District,Shenzhen,China
Product description	
Product name:	Radio
Trade Mark:	HSAE
Model and/or type reference:	HS-T0421
Family Model:	HS-T0423, HS-T0445, HS-T0446, HS-T0451
Test Sample Number:	S230103001001

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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Date of Test	: Jan 03, 2022 ~ Jan 06, 2022
Testing Engineer	:(Mukzi Lee)
Authorized Signatory	:(Alex Li)



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

Remark:

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



3 FACILITIES AND ACCREDITATIONS

3.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China.

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

3.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description	
CNAS-Lab. :	The Certificate Registration Number is L5516.
IC-Registration	The Certificate Registration Number is 9270A.
	CAB identifier:CN0074
FCC- Accredited	Test Firm Registration Number: 463705.
	Designation Number: CN1184
A2LA-Lab.	The Certificate Registration Number is 4298.01
	This laboratory is accredited in accordance with the recognized
	International Standard ISO/IEC 17025:2005 General requirements for
	the competence of testing and calibration laboratories.
	This accreditation demonstrates technical competence for a defined
	scope and the operation of a laboratory quality management system
	(refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).
	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%
9	All emissions, radiated(9KHz~30MHz)	±6dB

4 GENERAL DESCRIPTION OF EUT

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ACCREDITED Certificate #4298.01

Product Feature and Specification		
Equipment	Radio	
Trade Mark	HSAE	
FCC ID	Y9THS-T0421	
Model No.	HS-T0421	
Family Model	HS-T0423, HS-T0445, HS-T0446, HS-T0451	
Model Difference	All the model are the same circuit and RF module, except the model names and exterior is different.	
Operating Frequency	2402MHz~2480MHz	
Modulation	GFSK, π/4-DQPSK, 8-DPSK	
Number of Channels	79 Channels	
Antenna Type	PCB Antenna	
Antenna Gain	-1.10 dBi	
Adapter	N/A	
Battery	N/A	
Power supply	DC 12V	
HW Version	D5.1	
SW Version	R13.4	

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.

Note 2: The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode.



Revision History			
Report No.	Version	Description	Issued Date
S23010300122001	Rev.01	Initial issue of report	Jan 06, 2023



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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.

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

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

For Conducted Test Cases		
Final Test Mode	Description	
Mode 2	CH00(2402MHz)	
Mode 3	CH39(2441MHz)	
Mode 4	CH78(2480MHz)	
Mode 5	Hopping mode	

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

NTEK 北视 R ac-M ACCREDITED Certificate #4298.01 6 SETUP OF EQUIPMENT UNDER TEST 6.1 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM For Radiated Test Cases AC PLUG C-1 AE-1 EUT DC POWER For Conducted Test Cases C-3 Measurement EUT Instrument Note: 1. The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list. 2. EUT built-in battery-powered, the battery is fully-charged.



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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.

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Item	Equipment	Model/Type No.	Series No.	Note
AE-1	DC POWER	N/A	N/A	Peripherals
AE-2	SPEAKER	N/A	N/A	Peripherals

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Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	Power Cable	NO	NO	1.0m
C-2	Cable	NO	NO	1.0m
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

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Radiation& Conducted Test equipment

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	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Aglient	E4407B	MY45108040	2022.04.01	2023.03.31	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2022.04.01	2023.03.31	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2022.06.16	2023.06.15	1 year
4	Test Receiver	R&S	ESPI7	101318	2022.04.06	2023.04.05	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2022.03.30	2023.03.29	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
7	Horn Antenna	EM	EM-AH-1018 0	2011071402	2022.03.31	2023.03.30	1 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2022.11.07	2023.11.06	1 year
9	Amplifier	EMC	EMC051835 SE	980246	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	2020.04.07	2023.04.06	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	2022.04.06	2023.04.05	1 year
2	LISN	R&S	ENV216	101313	2022.04.06	2023.04.05	1 year
3	LISN	SCHWARZBE CK	NNLK 8129	8129245	2022.04.06	2023.04.05	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)

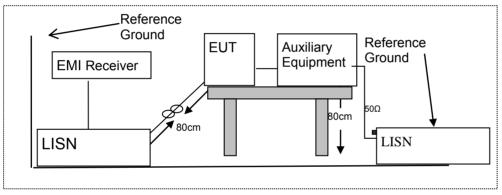
7.1.2 Conformance Limit

	Conducted	I 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

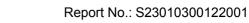


7.1.4 Test Procedure

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.
- 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.
- 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





7.1.6 Test Results

EUT:	Radio	Model Name :	HS-T0421
Temperature:	22 ℃	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	N/A
Test Voltage :	N/A	Test Mode:	N/A

Not applicable

7.2 RADIATED SPURIOUS EMISSION

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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

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According to FOOT art 19.209, 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)

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

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

Measurement was performed at an antenna to the closed point of EUT distance of meters.
 For Frequency 9kHz~30MHz:

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

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

For Frequency above 30MHz:

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

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

7.2.3 Measuring Instruments

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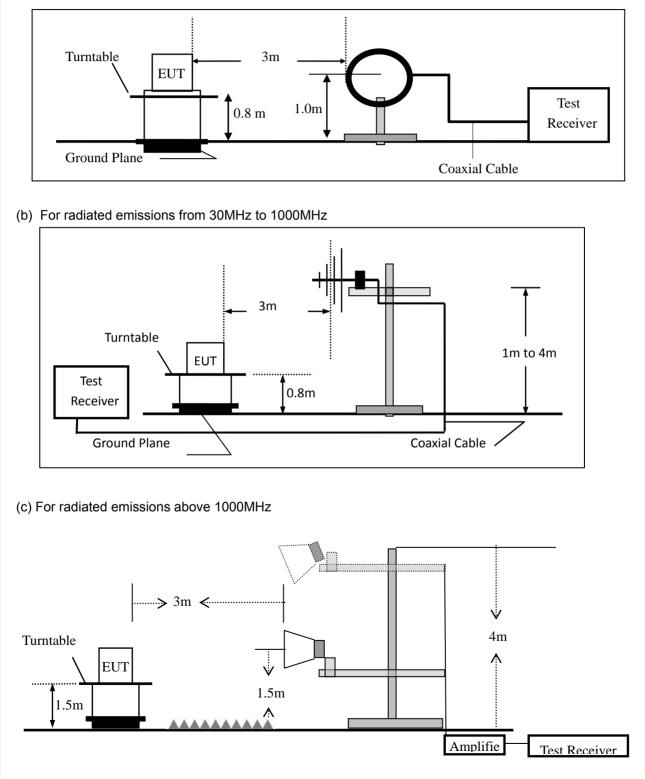
The Measuring equipment is listed in the section 6.3 of this test report.

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7.2.4 Test Configuration

(a) For radiated emissions below 30MHz





7.2.5 Test Procedure

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

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

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 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:	Radio	Model No.:	HS-T0421
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee

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

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



Spurious Emission below 1GHz (30MHz to 1GHz) All the modulation modes have been tested, and the worst result was report as below: CUT Dadia Model Name LIS T0/21

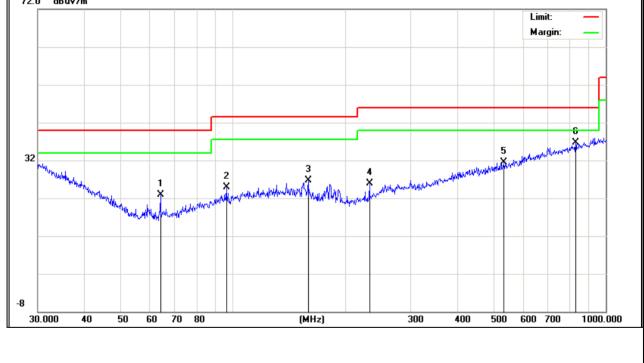
EUT:	Radio	woder Name :	HS-10421
Temperature:	25 ℃	Relative Humidity:	55%
Pressure:	1010hPa	Test Mode:	Mode 4
Test Voltage :	DC 12V		

Polar	Frequency	Meter Reading	Factor Emission Livel Livel		Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	63.9828	10.35	12.52	22.87	40.00	-17.13	QP
V	96.0986	7.44	17.46	24.90	43.50	-18.60	QP
V	159.2251	8.79	17.89	26.68	43.50	-16.82	QP
V	232.5318	8.24	17.63	25.87	46.00	-20.13	QP
V	533.8321	6.49	25.07	31.56	46.00	-14.44	QP
V	830.4002	7.14	29.51	36.65	46.00	-9.35	QP

Remark:

Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit





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Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remar
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	30.0000	5.61	25.87	31.48	40.00	-8.52	QP
Н	67.2022	5.77	12.90	18.67	40.00	-21.33	QP
Н	108.6470	5.63	18.18	23.81	43.50	-19.69	QP
Н	183.2005	11.20	16.73	27.93	43.50	-15.57	QP
Н	336.0352	6.52	21.25	27.77	46.00	-18.23	QP
H Remark	782.3453	6.86	29.21	36.07	46.00	-9.93	QP
72.0	dBu∀/m					Limit: Margin:	
32	ware and have a far a fa	2 ,12 ,12 ,12	3 Xarnader (b/Wat	A A A A A A A A A A A A A A A A A A A	5 w _n),	in multiment	

ACCREDITED Certificate #4298.01



Spurious	Emission	Above 1	GHz (1GH	<u>z to</u> 25Gł	łz)					
EUT:	Rad	dio		Mode	el No.:		HS-TO	0421		
Temperature	: 20	°C		Relat	Relative Humidity: 48%					
Test Mode:	Mo	de2/Mod	e3/Mode4	Test	Test By: Mukzi Lee					
All the modula					,	t was	report	t as below	/:	
				, 			•			
Frequency	Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	Lir	nits	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµ	uV/m)	(dB)		
			Low Chanr	nel (2402 N	IHz)(8-DPSK)Abc	ove 1G			
4804	69.96	5.21	35.59	44.30	66.46	74	1.00	-7.54	Pk	Vertical
4804	48.23	5.21	35.59	44.30	44.73	54	1.00	-9.27	AV	Vertical
7206	70.69	6.48	36.27	44.60	68.84	74	1.00	-5.16	Pk	Vertical
7206	45.78	6.48	36.27	44.60	43.93	54	1.00	-10.07	AV	Vertical
4804	69.87	5.21	35.55	44.30	66.33	74	1.00	-7.67	Pk	Horizontal
4804	50.52	5.21	35.55	44.30	46.98	54	1.00	-7.02	AV	Horizontal
7206	70.45	6.48	36.27	44.52	68.68	74	1.00	-5.32	Pk	Horizontal
7206	46.92	6.48	36.27	44.52	45.15	54	4.00	-8.85	AV	Horizontal
			Mid Chann	el (2441 M	Hz)(8-DPSK)Abo	ove 1G			
4882	70.7	5.21	35.66	44.20	67.37	74	4.00	-6.63	Pk	Vertical
4882	45.93	5.21	35.66	44.20	42.60	54	4.00	-11.40	AV	Vertical
7323	70.39	7.10	36.50	44.43	69.56	74	4.00	-4.44	Pk	Vertical
7323	45.53	7.10	36.50	44.43	44.70	54	4.00	-9.30	AV	Vertical
4882	68.41	5.21	35.66	44.20	65.08	74	4.00	-8.92	Pk	Horizontal
4882	47.91	5.21	35.66	44.20	44.58	54	4.00	-9.42	AV	Horizontal
7323	68.38	7.10	36.50	44.43	67.55	74	4.00	-6.45	Pk	Horizontal
7323	47.56	7.10	36.50	44.43	46.73	54	1.00	-7.27	AV	Horizontal
			High Chann	el (2480 N	Hz)(8-DPSK	() Ab	ove 1G	6		
4960	68.68	5.21	35.52	44.21	65.20	74	4.00	-8.80	Pk	Vertical
4960	49.83	5.21	35.52	44.21	46.35	54	1.00	-7.65	AV	Vertical
7440	68.01	7.10	36.53	44.60	67.04	74	4.00	-6.96	Pk	Vertical
7440	46.13	7.10	36.53	44.60	45.16	54	4.00	-8.84	AV	Vertical
4960	68.19	5.21	35.52	44.21	64.71	74	1.00	-9.29	Pk	Horizontal
4960	50.31	5.21	35.52	44.21	46.83	54	1.00	-7.17	AV	Horizontal
7440	70.59	7.10	36.53	44.60	69.62	74	1.00	-4.38	Pk	Horizontal
7440	48.84	7.10	36.53	44.60	47.87	54	1.00	-6.13	AV	Horizontal

Note:

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



Spurious	Radio	n Restri	cted Band		390MHz and del No.:	2483.	-	00MHZ T0421		
emperature					Relative Humidity: 48%					
est Mode:	Mode2/ M	lode4		Tes	t By:	-	Muk	zi Lee		
All the modu			been test			sult wa			elow:	
Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Lim		Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµ∖	//m)	(dB)	Туре	-
			3	Mbps(8-D	PSK)-Non-hop	ping				
2310.00	69.35	2.97	27.80	43.80	56.32	74	4	-17.68	Pk	Horizontal
2310.00	45.76	2.97	27.80	43.80	32.73	54	4	-21.27	AV	Horizontal
2310.00	70.11	2.97	27.80	43.80	57.08	74	4	-16.92	Pk	Vertical
2310.00	50.21	2.97	27.80	43.80	37.18	54	4	-16.82	AV	Vertical
2390.00	69.43	3.14	27.21	43.80	55.98	74	4	-18.02	Pk	Vertical
2390.00	50.88	3.14	27.21	43.80	37.43	54	4	-16.57	AV	Vertical
2390.00	70.62	3.14	27.21	43.80	57.17	74	4	-16.83	Pk	Horizontal
2390.00	50.43	3.14	27.21	43.80	36.98	54	4	-17.02	AV	Horizontal
2483.50	68	3.58	27.70	44.00	55.28	74	4	-18.72	Pk	Vertical
2483.50	48.43	3.58	27.70	44.00	35.71	54	4	-18.29	AV	Vertical
2483.50	69.33	3.58	27.70	44.00	56.61	74	4	-17.39	Pk	Horizontal
2483.50	45.57	3.58	27.70	44.00	32.85	54	4	-21.15	AV	Horizontal
				3Mbps(8-	-DPSK)-hoppii	ng				
2310.00	68.51	2.97	27.80	43.80	55.48	74	4	-18.52	Pk	Horizontal
2310.00	48.55	2.97	27.80	43.80	35.52	54	4	-18.48	AV	Horizontal
2310.00	69.29	2.97	27.80	43.80	56.26	74	4	-17.74	Pk	Vertical
2310.00	48.83	2.97	27.80	43.80	35.80	54	4	-18.20	AV	Vertical
2390.00	70.43	3.14	27.21	43.80	56.98	74	4	-17.02	Pk	Vertical
2390.00	47.36	3.14	27.21	43.80	33.91	54	4	-20.09	AV	Vertical
2390.00	70.48	3.14	27.21	43.80	57.03	74	4	-16.97	Pk	Horizontal
2390.00	50.72	3.14	27.21	43.80	37.27	54	4	-16.73	AV	Horizontal
2483.50	69.79	3.58	27.70	44.00	57.07	74	4	-16.93	Pk	Vertical
2483.50	46.06	3.58	27.70	44.00	33.34	54	4	-20.66	AV	Vertical
2483.50	70.61	3.58	27.70	44.00	57.89	74	4	-16.11	Pk	Horizontal
2483.50	46.46	3.58	27.70	44.00	33.74	54	4	-20.26	AV	Horizontal

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



EUT:	Ra	adio			Model No.: HS-T			HS-T	0421		
emperature: 20 °C				Relat	ive Humidit	y:	48%				
est Mode: Mode2/ Mode4			Test I	Test By: Mukzi Lee							
All the modulation modes have been tested, and the worst result was report as below:											
Frequency	Reading Level	Cable Loss	Antenna Factor		eamp ictor	Emission Level	Lir	nits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(0	dB)	(dBµV/m)	(dBµ	ıV/m)	(dB)	Туре	
3260	70.08	4.04	29.57	44	1.70	58.99	7	74	-15.01	Pk	Vertical
3260	47.26	4.04	29.57	44	1.70	36.17	5	54	-17.83	AV	Vertical
3260	70.93	4.04	29.57	44	1.70	59.84	7	74	-14.16	Pk	Horizonta
3260	48.75	4.04	29.57	44	1.70	37.66	5	54	-16.34	AV	Horizonta
3332	69.74	4.26	29.87	44	1.40	59.47	7	74	-14.53	Pk	Vertical
3332	45.52	4.26	29.87	44	1.40	35.25	5	54	-18.75	AV	Vertical
3332	68.74	4.26	29.87	44	1.40	58.47	7	74	-15.53	Pk	Horizonta
3332	47.84	4.26	29.87	44	1.40	37.57	5	54	-16.43	AV	Horizonta
17797	54.89	10.99	43.95	43	3.50	66.33	7	74	-7.67	Pk	Vertical
17797	35.24	10.99	43.95	43	3.50	46.68	5	54	-7.32	AV	Vertical
17788	56.72	11.81	43.69	44	1.60	67.62	7	74	-6.38	Pk	Horizonta
17788	33.09	11.81	43.69	44	1.60	43.99	Ę	54	-10.01	AV	Horizonta

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





7.3 NUMBER OF HOPPING CHANNEL

7.3.1 Applicable Standard

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

7.3.2 Conformance Limit

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

7.3.3 Measuring Instruments

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

7.3.4 Test Setup

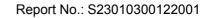
Please refer to Section 6.1 of this test report.

7.3.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.3 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT must have its hopping function enabled. Use the following spectrum analyzer settings: Span = the frequency band of operation RBW : To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.3.6 Test Results

EUT:	Radio	Model No.:	HS-T0421
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode 5(1Mbps)	Test By:	Mukzi Lee





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 30% 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:	Radio	Model No.:	HS-T0421
Temperature:	20 °C	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee



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:	Radio	Model No.:	HS-T0421
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee

Test data reference attachment.

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 x 79) (s), Hops Over Occupancy Time comes to $(1600 / 6 / 79) \times (0.4 \times 79) = 106.67$ hops.
- 2. 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 $(800 / 6 / 20) \times (0.4 \times 20) = 53.33$ 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

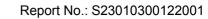
Please refer to Section 6.1 of this test report.

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:	Radio	Model No.:	HS-T0421
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee





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

 $RBW \ge the 20 dB$ bandwidth of the emission being measured

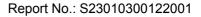
 $VBW \ge RBW$

Sweep = auto

Detector function = peak Trace = max hold

7.7.6 Test Results

EUT:	Radio	Model No.:	HS-T0421
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee





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 §15.205(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

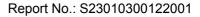
Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.

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:	Radio	Model No.:	HS-T0421
Temperature:	20 °C	Relative Humidity:	48%
Test Mode:	Mode2 /Mode4/ Mode 5	Test By:	Mukzi Lee





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 PCB antenna (Gain: -1.10 dBi). It comply with the standard requirement.



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

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

7.11.2 Frequency Hopping System

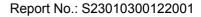
This transmitter device is frequency hopping device, and complies with FCC part 15.247 rule. This device uses Bluetooth radio which operates in 2400-2483.5 MHz band. Bluetooth uses a radio technology called frequency-hopping spread spectrum, which chops up the data being sent and transmits chunks of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

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

7.11.3 EUT Pseudorandom Frequency Hopping Sequence

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

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

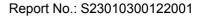




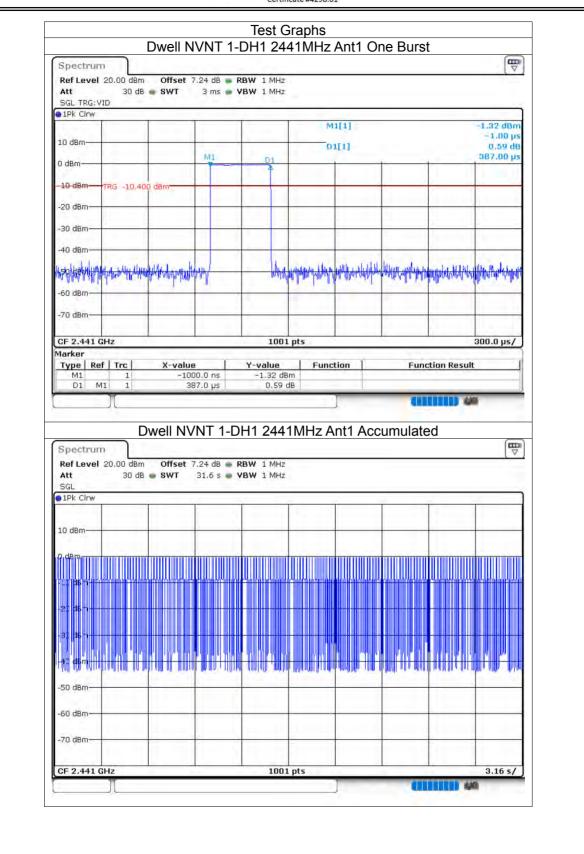
8 TEST RESULTS

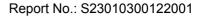
8.1 DWELL TIME

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.387	85.914	222	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.645	227.01	138	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.888	283.024	98	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.393	89.604	228	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.64	218.12	133	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.896	289.6	100	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.393	84.888	216	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.645	217.14	132	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.896	266.432	92	31600	400	Pass

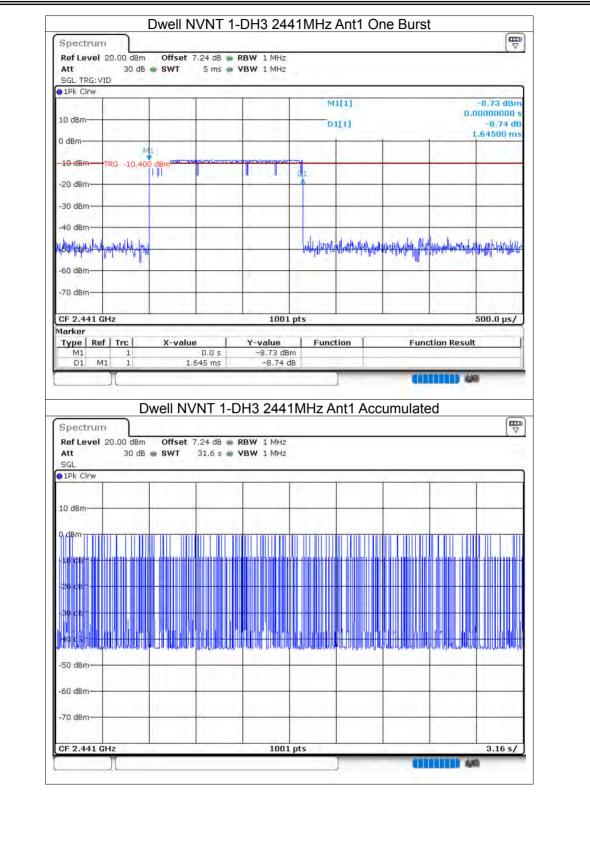


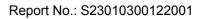






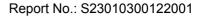




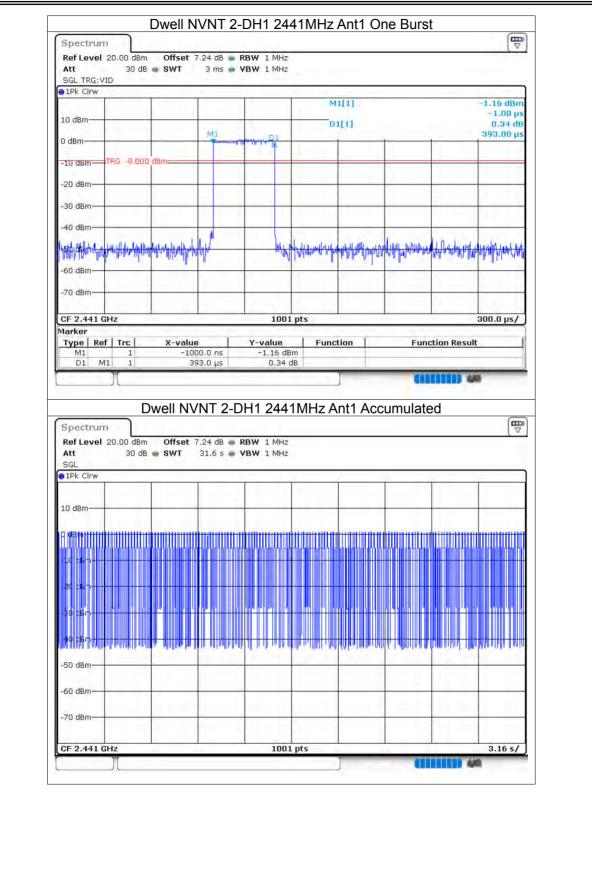


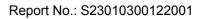


	1 1				
10 dBm			M1[1]		-12.70 dBm -8.00 µs
10 dBm			01[1]		-3.95 dB 2.88800 ms
0 dBm					
-10 dBm TRa5 -11	1.300 dBm	D1			
-20 dBm		*			
-30 dBm					
-40 dBm			0.00		
hledwill hruphille	_	When	hand the state of	while the second stand the second stand the second stand second stand stand second stand stand stand stand stand	perfectionships of production of the second
-60 dBm					
-70 dBm					
CF 2.441 GHz		1001 p	+-		000 0 uc (
Marker					800.0 µs/
Type Ref Trc M1 1	-8.0			Function	n Result
D1 M1 1	2.888 1	ms -3.95 dB			
	Dwell NVN1	1-DH5 2441	MHz Ant1 A	Accumulated	
SGL	dB 🖷 SWT 31.6	5 s 🖷 VBW 1 MHz	ý.	ŤŤ	
• 1Pk Clrw			1 - 1		
• 1Pk Clrw 10 dBm					
10 dBm					
10 dBm					
10 dBm					
10 dBm 0 dBm - 10 dBm - 20 dBm - 30 dBm - 30 dBm - 10 dBm					
10 dBm					
10 dBm 0 dBm - 10 dBm - 20 dBm - 30 dBm - 30 dBm - 10 dBm					
10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm					
10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -50 dBm -60 dBm -70 dBm					
10 dBm 0 dBm 10 dBm 10 dBm 20 dBm -30 dBm -30 dBm -50 dBm -60 dBm					



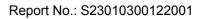






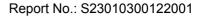


1Pk Clrw	1 1		1				
10 dBm			C	M1[1]			12.51 dBm -145.00 µs
0 dBm				01[1]			1.06 dB
	DO dBm	Hallen Halen John John John	tylunulos).				
	n ing		v				1 5
-20 dBm					1		1 5
-30 dBm							
-40 dBm				the state descent in the	undil onto	a det teasarth	east and with
. too tele or a deallalla			(wakarah)	49000 April 14000 April 1	and all all and an	And March A	And A full train
-60 dBm							h ii
-70 dBm							1
CF 2.441 GHz	1 1		1001 pts			-	500.0 µs/
Marker Type Ref Trc	X-value	Y-	value F	unction	Fund	tion Result	
M1 1	-149	5.0 µs -:	o ri in	and the second se			
D1 M1 1			12.51 dBm				
D1 M1 1		64 ms	12.51 dBm 1.06 dB	1	111		8
D1 M1 1					a		
[D1 M1 1]	1.1	64 ms	1.06 dB	Ant1 Acc		ed	
	1.1	64 ms		Ant1 Acc		ed	
Spectrum	Dwell NVI	64 ms	1.06 dB	Ant1 Acc	cumulate	ed	
Spectrum Ref Level 20.00 dl Att 30	Dwell NVI	64 ms	1.06 dB	: Ant1 Acc	cumulate	ed	
Spectrum Ref Level 20.00 dl	Dwell NVI	64 ms NT 2-DH3 24 dB • RBW	1.06 dB	Ant1 Acc	cumulate	ed	
Spectrum Ref Level 20.00 dl Att 30 SGL	Dwell NVI	64 ms NT 2-DH3 24 dB • RBW	1.06 dB	: Ant1 Acc		ed	
Spectrum Ref Level 20.00 dl Att 30 SGL	Dwell NVI	64 ms NT 2-DH3 24 dB • RBW	1.06 dB	Ant1 Acc		ed	
Spectrum Ref Level 20.00 dl Att 30 SGL IPk Clrw	Dwell NVI	64 ms NT 2-DH3 24 dB • RBW	1.06 dB	: Ant1 Acc		ed	
Spectrum Ref Level 20.00 dl Att 30 SGL IPk Clrw	Dwell NVI	64 ms NT 2-DH3 24 dB • RBW	1.06 dB	Ant1 Acc		ed	
Spectrum Ref Level 20.00 dl Att 30 SGL IPk Clrw	Dwell NVI	64 ms NT 2-DH3 24 dB • RBW	1.06 dB	Ant1 Acc			
Spectrum Ref Level 20.00 dl Att 30 SGL ID dBm ID dBm ID dBm ID dBm ID dBm	1.1 Dwell NVI 3m Offset 7. dB ● SWT 3	64 ms NT 2-DH3 24 dB • RBW 31.6 s • YBW	1.06 dB				
Spectrum Ref Level 20.00 dl Att 30 SGL ID dBm ID dBm ID dBm ID dBm ID dBm	1.1 Dwell NVI 3m Offset 7. dB ● SWT 3	64 ms NT 2-DH3 24 dB • RBW 31.6 s • YBW	1.06 dB	Ant1 Acc			
Spectrum Ref Level 20.00 dl Att 30 SGL ID dBm	1. Dwell NVI 3m Offset 7. dB • SWT : 10 10 10 10 10 10 10 10 10 10	64 ms	1.06 dB				
Spectrum Ref Level 20.00 dl Att 30 SGL ID dBm ID dBm ID dBm ID dBm ID dBm	1. Dwell NVI 3m Offset 7. dB • SWT : 10 10 10 10 10 10 10 10 10 10	64 ms	1.06 dB				
Spectrum Ref Level 20.00 dl Att 30 SGL ID dBm	1. Dwell NVI 3m Offset 7. dB • SWT : 10 10 10 10 10 10 10 10 10 10	64 ms	1.06 dB				
Spectrum Ref Level 20.00 dl Att 30 SGL ID dBm D dBm D dBm -11 d6 m -21 d6 m -31 16 m -31 16 m -41 96 m	1. Dwell NVI 3m Offset 7. dB • SWT : 10 10 10 10 10 10 10 10 10 10	64 ms	1.06 dB				
Spectrum Ref Level 20.00 dl Att 30 SGL ID dBm	1. Dwell NVI 3m Offset 7. dB • SWT : 10 10 10 10 10 10 10 10 10 10	64 ms	1.06 dB				
Spectrum Ref Level 20.00 dl Att 30 SGL ID dBm 0 dBm 0 dBm -10 dBm	1. Dwell NVI 3m Offset 7. dB • SWT : 10 10 10 10 10 10 10 10 10 10	64 ms	1.06 dB				
Spectrum Ref Level 20.00 dl Att 30 SGL 9 1Pk Cirw 10 dBm 0 dBm -11 d6 m -11 d6 m -13 36 m -50 dBm -60 dBm	1. Dwell NVI 3m Offset 7. dB • SWT : 10 10 10 10 10 10 10 10 10 10	64 ms	1.06 dB				3.16 5/
Spectrum Ref Level 20.00 dl Att 30 SGL 9 1Pk Clrw 10 dBm -12 d5 9 -21 c5 9 -31 36 9 -31 36 9 -50 dBm -60 dBm -70 dBm	1. Dwell NVI 3m Offset 7. dB • SWT : 10 10 10 10 10 10 10 10 10 10	64 ms	1.06 dB				3.16 5/

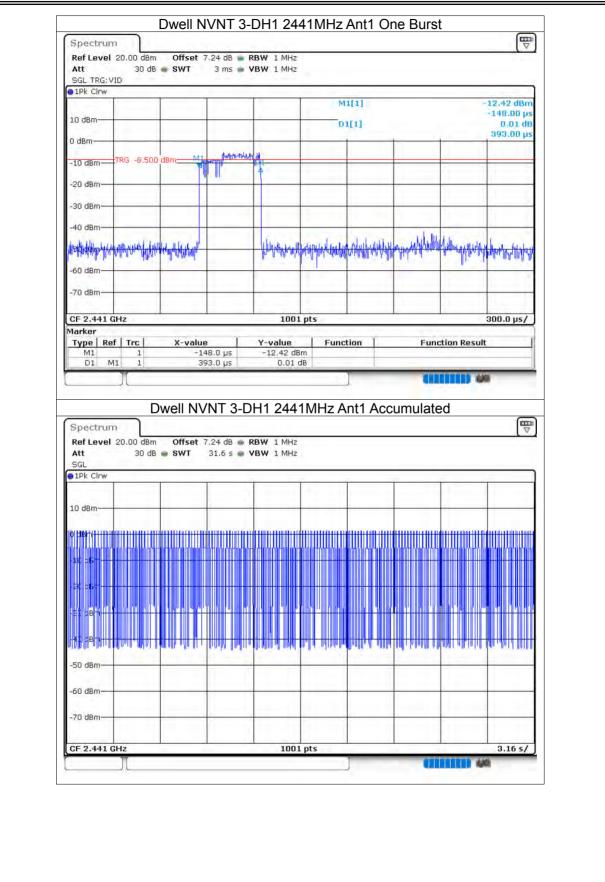


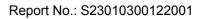


	1	1	_	MI	[1]			11.53 dBm
10 dBm				01[-144.00 µs -3.80 dB
0 dBm	-		-	- 1		-	4	2.89600 ms
-10 dBm	9.400 dBm	an a	With garage					
-20 dBm			Å					
-30 dBm	_			-		_		
-40 dBm								
hadenberhillpill			Hell	person population and the	naller barling	althritigenerally	here which here here	approximple dut
-60 dBm	_							
-70 dBm	_							
CF 2.441 GHz			1001	ntc	1			800.0 µs/
Marker	1	. 1			an 1	Acto		
	-14	e 44.0 μs 896 ms	Y-value -11.53 dB -3.80 d		on	Func	tion Result	
	L Z.(090 ms j	-3,00 (10		-		8
	Dwell NV	/NT 2-DI	15 244	1MHz An	nt1 Acc	umulate	d	
Spectrum Ref Level 20.00	dBm Offset	7.24 dB 🖷 RI	RW 1 MHz					
Ref Level 20.00 Att 3	dBm Offset 0 dB <mark>e SWT</mark>	7.24 dB 🌰 RI 31.6 s 🍙 VI		i. L				₹
Ref Level 20.00				r r				
Ref Level 20.00 Att 3 SGL 1Pk Cirw						- 11		
Ref Level 20.00 Att 3 SGL								
Ref Level 20.00 Att 3 SGL 1Pk Cirw								
Ref Level 20.00 Att 3 SGL 1Pk Clrw 10 dBm								
Ref Level 20.00 Att 3 SGL 1Pk Clrw 10 dBm								
Ref Level 20.00 Att 3 SGL IPk Clrw 10 dBm 0 dBm -10 dBm -10 dBm		31.6 s • V	BW 1 MHz					
Ref Level 20.00 Att 3 SGL IPk Clrw 10 dBm 0 dBm -12 d5m		31.6 s • V	BW 1 MHz					
Ref Level 20.00 Att 3 SGL IPk Clrw 10 dBm 0 dBm -10 dBm -10 dBm		31.6 s • V	BW 1 MHz					
Ref Level 20.00 Att 3 SGL 9 IPk Clrw 10 10 dBm 9 0 dBm 9 -12 d5m 9 -22 d5m 9 -30 d5m 9		31.6 s • V	BW 1 MHz					
Ref Level 20.00 Att 3 SGL ● 1Pk Clrw 10 dBm 0 dBm -12 d5m -22 d5m (30 d5m) (30 d5m)		31.6 s • V	BW 1 MHz					
Ref Level 20.00 Att 3 SGL IPk Clrw 10 dBm 0 dBm -10 dBm -22 dSm -30 dSm -50 dBm -60 dBm		31.6 s • V	BW 1 MHz					
Ref Level 20.00 Att 3 SGL 9 1Pk Clrw 10 10 dBm 10 0 dBm 10 42 d5 m 10 350 d5 m 10 360 d5 m 10 30 d5 m 10 30 d5 m 10		31.6 s • V	BW 1 MHz					
Ref Level 20.00 Att 3 SGL IPk Clrw 10 dBm 0 dBm -10 dBm -22 dSm -30 dSm -50 dBm -60 dBm		31.6 s • V	BW 1 MHz			0.000 0.0000 0.000000	Udotajy wint v _o	3.16 5/
Ref Level 20.00 Att 3 SGL 9 1Pk Clrw 10 10 dBm 10 0 dBm 10 -1C dBm 10 -2C dBm 10 -50 dBm 10 -60 dBm -70 dBm		31.6 s • V	BW 1 MHz			0.000 0.0000 0.000000		3.16 5/



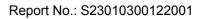








1Pk Clrw				_				
10.00				M	1[1]			-9.68 dBm -145.00 µs
10 dBm		1 (0	1[1]			-2.74 dB 1.64500 ms
0 dBm	00 dBm	All allos warrand	INGOR MARIN					
-10 dBm	00 dBm	The radiana				-		
-20 dBm				_			-	
-30 dBm			2			1	-	
-40 dBm								
- Alle for a start of the forther the				weither the state of the state	here for the formation of the second s	and the state of the second	Mandala	hammen of the party and
-60 dBm	-		-					
-70 dBm		1						
12-11-11-11-11			1	L- 111	1.1.1.1.1	1		1
CF 2.441 GHz Marker			1001	pts				500.0 µs/
Type Ref Trc M1 1	X-value -14	5.0 µs	Y-value -9.68 dBr	Func	tion	Fund	tion Resul	t l
D1 M1 1	1.6	645 ms	-2,74 di	3				
					1		unit e	
	Dwell NV	NT 3-DI	H3 2441	MH ₇ A	nt1 Acc	umulate	he	
	Dwell NV	NT 3-DI	H3 2441	MHz A	nt1 Acc	umulate	ed	
Spectrum				MHz A	nt1 Acc	umulate	ed	₽
Ref Level 20.00 (7.24 dB 🖷 I		MHz A	nt1 Acc	umulate	ed	₽
Ref Level 20.00 (Att 30 SGL	dBm Offset	7.24 dB 🖷 I	RBW 1 MHz	MHz A	nt1 Acc	umulate	ed	
Ref Level 20.00 (dBm Offset	7.24 dB 🖷 I	RBW 1 MHz	MHz A	nt1 Acc		ed	(₩)
Ref Level 20.00 (Att 30 SGL	dBm Offset	7.24 dB 🖷 I	RBW 1 MHz	MHz A	nt1 Acc		ed	
Ref Level 20.00 (Att 30 SGL 1Pk Cirw 10 dBm	dBm Offset	7.24 dB 🖷 I	RBW 1 MHz	MHz A	nt1 Acc		ed	
Ref Level 20.00 (Att 30 SGL 1Pk Clrw	dBm Offset	7.24 dB 🖷 I	RBW 1 MHz	MHz A	nt1 Acc			
Ref Level 20.00 (Att 30 SGL IPk Clrw 10 dBm	dBm Offset	7.24 dB 🖷 I	RBW 1 MHz	MHz A	nt1 Acc		ed	
Ref Level 20.00 (Att 30 SGL IPk Clrw 10 dBm	dBm Offset	7.24 dB 🖷 I	RBW 1 MHz		nt1 Acc			
Ref Level 20,000 Att 30 SGL 1Pk Clrw 10 dBm 10 dBm 11 dBm 12 dBm	dBm Offset) dB • SWT	7.24 dB • F 31.6 s • V	RBW 1 MHz	MHz A	nt1 Acc			
Ref Level 20.00 (Att 30 SGL 1Pk Cirw 10 dBm	dBm Offset) dB • SWT	7.24 dB • F 31.6 s • V	RBW 1 MHz					
Ref Level 20.00 (Att 30 SGL 1Pk Clrw 10 dBm 1 dBm 1 dBm 1 dBm 1 dBm 1 dBm 1 dBm 3 dBm	dBm Offset) dB • SWT	7.24 dB • 1	RBW 1 MHz VBW 3 MHz					
Ref Level 20,000 Att 30 SGL 1Pk Clrw 10 dBm 1 dBm 1 dBm 2 dBm 3 dBm 3 dBm	dBm Offset o dB • SWT	7.24 dB • 1	RBW 1 MHz					
Ref Level 20.00 (Att 30 SGL 1Pk Clrw 10 dBm 1 dBm 1 dBm 1 dBm 1 dBm 1 dBm 1 dBm 3 dBm	dBm Offset o dB • SWT	7.24 dB • 1	RBW 1 MHz VBW 3 MHz					
Ref Level 20,000 Att 30 SGL 1Pk Clrw 10 dBm 1 dBm 1 dBm 2 dBm 3 dBm 3 dBm	dBm Offset o dB • SWT	7.24 dB • 1	RBW 1 MHz VBW 3 MHz					
Ref Level 20.00 (Att 30 SGL 10 ID dBm 10 dBm 10 11 dBm 10 12 dBm 10 32 dBm 10 33 dBm 11 -31 dBm 11 -32 dBm 11 -50 dBm 10	dBm Offset o dB • SWT	7.24 dB • 1	RBW 1 MHz VBW 3 MHz					
Ref Level 20.00 Att 30 SGL 10 10 dBm 10 11 dBm 10 12 dBm 10 -12 dBm 10 -50 dBm -60 dBm	dBm Offset o dB • SWT	7.24 dB • 1	RBW 1 MHz VBW 3 MHz					
Ref Level 20.00 C Att 30 SGL 10 ID dBm 10 10 dBm 10 11 dBm 10 12 dBm 10 -11 dBm 10 -21 dBm 10 -31 dBm 10 -50 dBm -60 dBm	dBm Offset o dB • SWT	7.24 dB • 1	RBW 1 MHz VBW 3 MHz					3.16 s/
Ref Level 20.00 (Att 30 SGL 10 ID dBm 10 10 dBm 10 -11 dBm 10 -21 dBm 10 -31 dBm 10 -50 dBm -60 dBm -70 dBm -70 dBm	dBm Offset o dB • SWT	7.24 dB • 1	RBW 1 MHz yBW 3 MHz					3.16 s/
Ref Level 20.00 (Att 30 SGL 10 ID dBm 10 10 dBm 10 -11 dBm 10 -22 dBm 10 -31 dBm 10 -50 dBm 10 -70 dBm -70 dBm	dBm Offset o dB • SWT	7.24 dB • 1	RBW 1 MHz yBW 3 MHz					3.16 s/



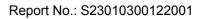


	1	1		1111			12 45 dBm
10 dBm		1		11[1]			12.45 dBm -144.00 µs
0 dBm			0	1[1]		. 3	4.03 dB 2.89600 ms
Next Davis or Oblight	dBm	-					
10 upm							
-20 dBm		1.72.11			·1	11	1
-30 dBm					-		1
-40 dBm					6.10	10	1 Marster
udall'addimatellad			waa na maraa had	Here where the second sec	for the second second	Hhipping have	horont and all all a fire
-60 dBm	1						
-70 dBm			-				
CF 2.441 GHz		100	1 pts		J.	4	800.0 µs/
Marker Type Ref Trc	X-value	Y-value	Fund	tion 1	Eup	tion Result	
M1 1 D1 M1 1	-144.0 μs 2.896 ms	-12.45 d 4.03	Bm				
Π			10.1	1	00		8
D				nt1 A or		a d	
Spectrum Ref Level 20.00 dBm	Offset 7.24 dB		2	Ant1 Acc	cumulate	ed	
Spectrum Ref Level 20.00 dBm Att 30 dB SGL 9 1Pk Clrw	Offset 7.24 dB	RBW 1 MH:	2	Ant1 Acc		ed	
Spectrum Ref Level 20.00 dBm Att 30 dB SGL	Offset 7.24 dB	RBW 1 MH:	2			ed	
Spectrum Ref Level 20.00 dBm Att 30 dB SGL 9 1Pk Clrw	Offset 7.24 dB	RBW 1 MH:	2	Ant1 Acc			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL 9 1Pk Clrw	Offset 7.24 dB	RBW 1 MH:	2	Ant1 Acc			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL 9 1Pk Clrw	Offset 7.24 dB	RBW 1 MH:	2				
Spectrum Ref Level 20.00 dBm Att 30 dB SGL 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm	Offset 7.24 dB	RBW 1 MH:					
Spectrum Ref Level 20.00 dBm Att 30 dB SGL 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm	Offset 7.24 dB	RBW 1 MH:					
Spectrum Ref Level 20.00 dBm Att 30 dB SGL 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm	Offset 7.24 dB	RBW 1 MH:					
Spectrum Ref Level 20.00 dBm Att 30 dB SGL 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm	Offset 7.24 dB	RBW 1 MH:					
Spectrum Ref Level 20.00 dBm Att 30 dB SGL • 1Pk Clrw • 1Pk Clrw 10 dBm • 10 dBm • 10 dBm • 20 dBm	Offset 7.24 dB	RBW 1 MH:					
Spectrum Ref Level 20.00 dBm Att 30 dB SGL • 1Pk Clrw 10 dBm 10 dBm -10 dBm -20 dBm -80 dBm -50 dBm -60 dBm	Offset 7.24 dB	RBW 1 MH:					
Spectrum Ref Level 20.00 dBm Att 30 dB SGL • 1Pk Clrw 10 dBm 10 dBm -10 dBm -20 dBm -80 dB -20 dBm	Offset 7.24 dB	RBW 1 MH:					
Spectrum Ref Level 20.00 dBm Att 30 dB SGL • 1Pk Clrw 10 dBm 10 dBm -10 dBm -20 dBm -80 dBm -50 dBm -60 dBm	Offset 7.24 dB	RBW 1 MH:					3.16 5/



8.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.3	21	Pass
NVNT	1-DH5	2441	Ant1	1.33	21	Pass
NVNT	1-DH5	2480	Ant1	1.59	21	Pass
NVNT	2-DH5	2402	Ant1	2.29	21	Pass
NVNT	2-DH5	2441	Ant1	3.16	21	Pass
NVNT	2-DH5	2480	Ant1	3.25	21	Pass
NVNT	3-DH5	2402	Ant1	2.85	21	Pass
NVNT	3-DH5	2441	Ant1	3.68	21	Pass
NVNT	3-DH5	2480	Ant1	3.71	21	Pass





	20.00 dBm	Offset 7	.07 dB 🝙 RI	BW 2 MHz	H5 2402MH			
Att SGL Count	30 dB : 100/100	SWT	1 ms 🖷 ۷	BW 2 MHz	Mode Auto Sw	еер		
					M1[1]		2.40	0,30 dBm 1207490 GHz
10 dBm				1	MI			
0 dBm	-						-	1 1
-10 dBm-				1				
-20 dBm								
-30 dBm	1			1			1	1
-40 dBm				-				
-50 dBm								
-60 dBm				1				
-70 dBm				0				
Spectrur	_][in in		H5 2441MH	Hz Ant1	Sp	aan 5.0 MHz)
Spectrur Ref Level Att SGL Count	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz			Sp	
Spectrur Ref Level Att SGL Count	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz) H5 2441MH			
Spectrur Ref Level Att SGL Count 1Pk Max	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw M1[1]			(₩) (∀) 1.33 dBm
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw			(₩) (∀) 1.33 dBm
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw M1[1]			(₩) (∀) 1.33 dBm
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw M1[1]			(₩) (∀) 1.33 dBm
Att	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw M1[1]			(₩) (∀) 1.33 dBm
Spectrur Ref Level Att SGL Count IPK Max 10 dBm 0 dBm 	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw M1[1]			(₩) (∀) 1.33 dBm
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw M1[1]			(₩) (∀) 1.33 dBm
Spectrur Ref Level Att SGL Count IPK Max 10 dBm 0 dBm 	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw M1[1]			(₩) (∀) 1.33 dBm
Spectrur Ref Level Att SGL Count 10 dBm	n 20.00 dBm 30 dB	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH Mode Auto Sw M1[1]			(₩) (∀) 1.33 dBm
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm 	n 20.00 dBm 30 dB 100/100	Offset 7	.24 dB 💼 RI	'NT 1-DI BW 2 MHz	H5 2441MH		2.44	(₩) (∀) 1.33 dBm



Att 30 dB SGL Count 100/100 1Pk Max	SWT 1 m	s 🖷 YBW 2 MHz	Mode Auto Sw	еер		
			M1[1]			1.59 dBm
IO dBm				-1	2.475	486510 GHz
) dBm		M1				
10 dBm						
20 dBm						
5 m		_				i
30 dBm						
40 dBm						· · · · · ·
50 dBm						
60 dBm		-			-	
70 dBm						
		12.5				
		14.2.2				
Spectrum Ref Level 20.00 dBm Att 30 dB	Offset 7.07 d	100 r NVNT 2-D B RBW 2 MHz s VBW 2 MHz	H5 2402MF		Spa	m 5.0 MHz)
	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	H5 2402MH		Spa	
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	H5 2402MF			•
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	H5 2402MH			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max 10 dBm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max 10 dBm 10 dBm 10 dBm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 1Pk Max .0 dBm 10 dBm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 1Pk Max .0 dBm 0 dBm 10 dBm 20.4Bm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max 0 dBm 10 dBm 10 dBm 20 dBm 30 dBm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max 0 dBm 10 dBm 10 dBm 30 dBm 40 dBm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 1Pk Max .0 dBm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max 0 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	Offset 7.07 d	r NVNT 2-D b • rbw 2 MHz	Mode Auto Sw			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 50 dBm 50 dBm 50 dBm 50 dBm 60 dBm	Offset 7.07 d	r NVNT 2-D	Mode Auto Sw		2,402	2.29 dBm 204550 GHz



	30 dB t 100/100	SWT	1 ms 🛶 ۷	BW 2 MHz	Mode Auto Sv	veep		
1Pk Max	1			Ĩ.	M1[1]	1	-	3,16 dBm
10 dBm					67		2.4	112340 GHz
					MI			
) dBm								
10 dBm—	- Sarra and a start and a start			-			and the second second	
20 dBm-			-					and and and and
30 dBm								
50 GBM			11					
40 dBm—								
50 dBm—								
60 dBm								
70 dBm								
	1			100:	L pts		Sp	an 6.5 MHz
		Pc	ower NV		H5 2480M	Hz Ant1		
Spectrui Ref Level Att SGL Coun		Offset 7	.07 dB 🐞 RI	NT 2-D	H5 2480M			
Att	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	NT 2-D	The second s	veep	2.4	
Spectrui Ref Level Att SGL Coun	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	2,47	3.25 dBm
Spectrui Ref Level Att SGL Coun 1Pk Max	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	/NT 2-D BW 2 MHz BW 2 MHz	Mode Auto Sv	veep	2.43	3.25 dBm
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	2.4	3.25 dBm 7986360 GHz
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm dBm 10 dBm 10 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	- marken	3.25 dBm 7986360 GHz
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm dBm 10 dBm 10 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	- marken	3.25 dBm 7986360 GHz
Spectrur Ref Level Att SGL Coun 1Pk Max 0 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	- marken	3.25 dBm 7986360 GHz
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm dBm 10 dBm 10 dBm 30 dBm 30 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	- marken	3.25 dBm 7986360 GHz
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	- marken	3.25 dBm 7986360 GHz
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	- marken	3.25 dBm 7986360 GHz
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	- marken	3.25 dBm 7986360 GHz
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm	m 1 20.00 dBm 30 dB	Offset 7	.07 dB 🐞 RI	MT 2-D BW 2 MH2 BW 2 MH2	Mode Auto Sv	veep	- marken	3.25 dBm 7986360 GHz
Spectrui Ref Level Att SGL Coun 1Pk Max 0 dBm	1 20.00 dBm 30 dB t 100/100	Offset 7	.07 dB 🐞 RI	NT 2-D	Mode Auto Sv	veep		3.25 dBm 9986360 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm	1 20.00 dBm 30 dB t 100/100	Offset 7	.07 dB 🐞 RI	NT 2-D	Mode Auto Sv		SF	3.25 dBm 7986360 GHz



	30 dB t 100/100	SWT	1 ms 🖷 ۷	BW 2 MHz	Mode Auto	sweep			
1Pk Max				1	MI	[1]		- 10	2,85 dBm
.0 dBm								2.4	0195450 GHz
				M	an marken and				
dBm						and		1	
10 dBm—	-			1				-	
20 dBm-	1			-		÷		-	and a start of the
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40 dBm—		-		-			-		
50 dBm-							_		_
60 dBm-									
				1					
70 dBm		-							
	CH3			1001	nts				oan 6.5 MHz
				1001	. pts		_		
Spectru Ref Leve Att		Offset 7	.24 dB 🐞 RI	BW 2 MHz	-15 2441 Mode Auto	1 10 17	nt1		
Att	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz	Mode Auto	1 10 17	nt1		
Spectrui Ref Leve Att SGL Coun	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		
Spectrui Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrui Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrun Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectru Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrum Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrum Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrum Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrui Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrum Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep			3.68 dBm
Spectrum Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrum Ref Leve Att SGL Coun 1Pk Max 0 dBm	m I 20.00 dBm 30 dB	Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1		3.68 dBm
Spectrum Ref Leve Att SGL Coun 1Pk Max 0 dBm) [Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1	2.44	3.68 dBm #103250 GHz
Spectrum Ref Leve Att SGL Coun 1Pk Max 0 dBm) [Offset 7	.24 dB 🐞 RI	BW 2 MHz BW 2 MHz	Mode Auto	o Sweep	nt1	2.44	3.68 dBm #103250 GHz



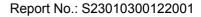
- Contraction of the second se				pectrum
	En la la companya da	07 dB 👜 RBW 2 MHz	dBm Offset 7.	ef Level 20.00 d
	Mode Auto Sweep	1 ms 🖷 YBW 2 MHz	D dB SWT	tt 30
			0	GL Count 100/10
8 34 da			1	.Pk Max
3.71 dBn 2.47993510 GH	M1[1]			
) dBm
		MI		
	and and a second and	a reason of the second s		dBm
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and the second				and the second s
No. Contraction of the second s	and a strength of the			d dBm
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				e 90010
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	2			C. S. Same
Span 6.5 MHz	pts	1001		= 2.48 GHz



8.3 -20DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.93	Pass
NVNT	1-DH5	2441	Ant1	0.964	Pass
NVNT	1-DH5	2480	Ant1	1.022	Pass
NVNT	2-DH5	2402	Ant1	1.326	Pass
NVNT	2-DH5	2441	Ant1	1.32	Pass
NVNT	2-DH5	2480	Ant1	1.368	Pass
NVNT	3-DH5	2402	Ant1	1.3	Pass
NVNT	3-DH5	2441	Ant1	1.31	Pass
NVNT	3-DH5	2480	Ant1	1.358	Pass

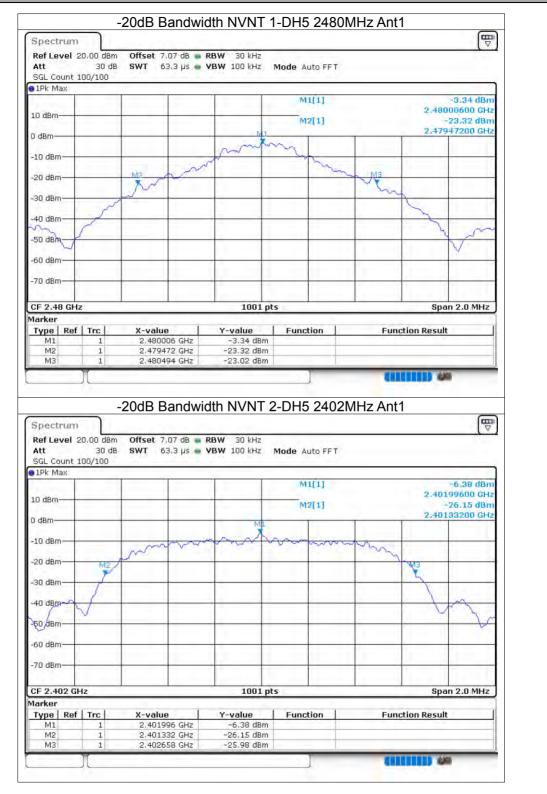
ACCREDITED Certificate #4298.01



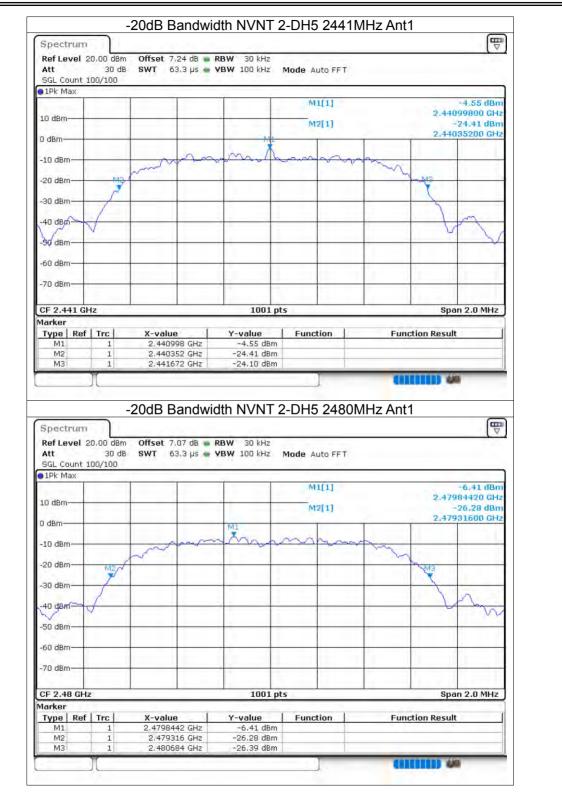
















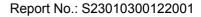


Spectrum							
Ref Level 2				RBW 30 kHz	S. Park Land		
Att SGL Count 1	30 di	B SWT 63.	3 hz 🖷	VBW 100 kHz	Mode Auto FFT		
1Pk Max	.00/100						
					M1[1]		-4,46 dBm
10 dBm							2.47999000 GHz
					M2[1]		-24.44 dBm
) dBm				P.A.	1	1 1	2.47932800 GHz
			~	and.	-	÷	
-10 dBm		ma	~ ~~		my my	scand -	
-20 dBm	1.00	~				Va	640
-20 0Bm	F					5	T
-30 dBm				-			1
So dom	1						han
40 dBm-	1						Million
~							- 27
-50 dBm			_				
1.2							
-60 dBm		1 1		1			
-70 dBm							
-/0 dbm							
CF 2.48 GH:	2		_	1001 pi	s		Span 2.0 MHz
Aarker	Cr. I		1		Function	Function	
Type Ref M1	Trc	X-value 2,47999	CUE	Y-value -4,46 dBm	Function	Function	n Result
M2	1	2.479328		-24.44 dBm			
M3	1	2,480686		-24.14 dBm	-		
	Nr.				7		AND AND



8.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.883
NVNT	1-DH5	2441	Ant1	0.863
NVNT	1-DH5	2480	Ant1	0.869
NVNT	2-DH5	2402	Ant1	1.195
NVNT	2-DH5	2441	Ant1	1.207
NVNT	2-DH5	2480	Ant1	1.221
NVNT	3-DH5	2402	Ant1	1.209
NVNT	3-DH5	2441	Ant1	1.219
NVNT	3-DH5	2480	Ant1	1.213











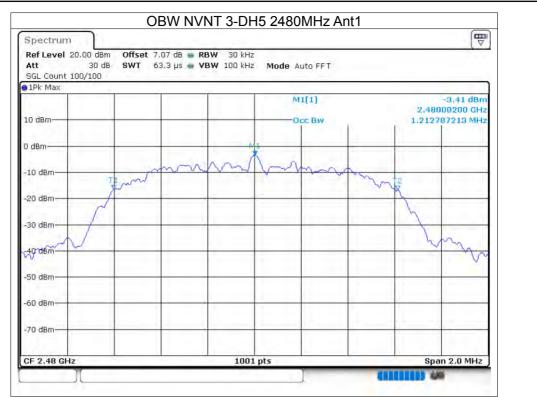














8.5 CARRIER FREQUENCIES SEPARATION

0.0								
	Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
	NVNT	1-DH5	Ant1	2402.006	2403.036	1.03	0.62	Pass
	NVNT	1-DH5	Ant1	2441.018	2441.968	0.95	0.643	Pass
	NVNT	1-DH5	Ant1	2479.004	2480.012	1.008	0.681	Pass
	NVNT	2-DH5	Ant1	2401.994	2403.002	1.008	0.884	Pass
	NVNT	2-DH5	Ant1	2440.998	2442	1.002	0.88	Pass
	NVNT	2-DH5	Ant1	2478.998	2479.998	1	0.912	Pass
	NVNT	3-DH5	Ant1	2401.998	2402.998	1	0.867	Pass
	NVNT	3-DH5	Ant1	2440.998	2441.98	0.982	0.873	Pass
	NVNT	3-DH5	Ant1	2478.994	2479.996	1.002	0.905	Pass

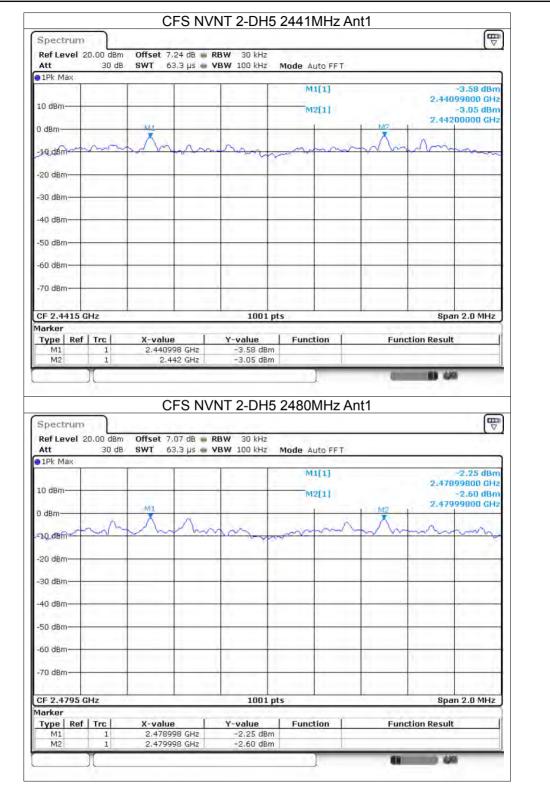




NTEK LID®



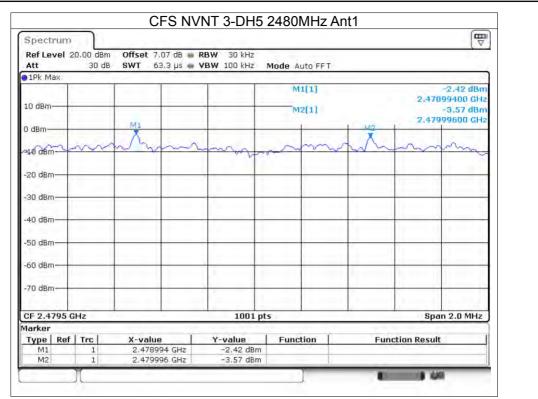




NTEK JLW[®]









8.6 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



		Honni	ina No	NVNT 1	-DH5 240°	2MHz An			
Spectrun	n	поррі	ing No.		-DIIJ 240		. 1		
Ref Level	20.00 dBm			BW 100 kHz					
Att 1Pk Max	30 dB	SWT	1 ms 🖷 V	' BW 300 kHz	Mode Auto	Sweep			
			1	1 11	M1[1]		2	-2.95 d	
10 dBm		-			M2[1]			-0.70 d	1Bm
		RAANBAAA		0.00.00.00.00.00	an	1. B. B. A.	ANAMANAN	1111114	gnz
-10 28m+++	<u>na anna a</u>			<u>, , , , , , , , , , , , , , , , , , , </u>	WAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	HARAQUAR	unnann	MANNA	
-20 dBm-	AAAAAAAAAA	<u>AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</u>	MAAAAAA A	A MA MANANA	1111111111111	MANANANAN	KANAKANAN	UNANANAN I	
-30 dBm	1								
-40 dBm									
50 dBm									harding
-60 dBm	1						_		
-70 dBm									
/o upin			1						
Start 2.4 (Aarker	GHz			1001	pts	1	Sto	p 2.4835 G	Hz
M2		2.4020 2.48024 Hoppi	35 GHz	-2.95 dB -0.70 dB	m)	2MHz An	• ••••••	djill	
Spectrur Ref Level		2.48024 Hoppi	35 GHZ ing No.	-0.70 dB	-DH5 240	1.1.7	•••••••	éjái	
Spectrun Ref Level Att	20.00 dBm	2,48024 Hoppi Offset 7.	35 GHZ ing No.	-0.70 dB	-DH5 240. Mode Auto	Sweep	1	40	
Spectrur	20.00 dBm	2,48024 Hoppi Offset 7.	35 GHZ ing No.	-0.70 dB	-DH5 240	Sweep	2	-2.42 c .4018370 -3.73 c	iBm GHz iBm
Spectrum Ref Level Att 1Pk Max 10 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrun Ref Level Att 1Pk Max 10 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB	m -DH5 240: Mode Auto : M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrur Ref Level Att 10 dBm 40 dBm 10 dBm 10 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrur Ref Level Att 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrum Ref Level Att 1Pk Max 10 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB NVNT 2 BW 100 kHz BW 300 kHz	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrur Ref Level 11Pk Max 10 dBm 10 dBm 20 dBm 80 dBm 80 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB NVNT 2 BW 100 kHz BW 300 kHz	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrur Ref Level Att 10 dBm 10 dBm 10 dBm 20 dBm 40 dBm 40 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB NVNT 2 BW 100 kHz BW 300 kHz	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrur Ref Level Att 1Pk Max 10 dBm 10 dBm 20 dBm 40 dBm 50 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB NVNT 2 BW 100 kHz BW 300 kHz	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrur Ref Level 11Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm -50 dBm -60 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB NVNT 2 BW 100 kHz BW 300 kHz	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrur Ref Level 11Pk Max 10 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB NVNT 2 BW 100 kHz BW 300 kHz	Mode Auto Mode Auto M1[1]	Sweep	2	.4018370 -3.73 d .4804940	iBm GHz iBm GHz
Spectrur Ref Level 11Pk Max 10 dBm	n 20.00 dBm 30 dB	2.48024 Hoppi Offset 7. swT	35 GHz	-0.70 dB NVNT 2 BW 100 kHz BW 300 kHz	m -DH5 240; Mode Auto : M1[1] M2[1]	Sweep	2 2 Mananana Manana Man	.4018370 -3.73 d .4804940	IBm GHz IBm GHz I2
Spectrum Ref Level Att 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -50 dBm -50 dBm -70 d	n 20.00 dBm 30 dB	2.48024 Hoppi offset 7. swT	35 GHz	-0.70 dB	m -DH5 240: Mode Auto M1[1] M2[1]		2 2 Mananana Manana Man	.4018370 -3.73 c .4804940 / / / / / / / / / / / / / / / / / / /	IBm GHz IBm GHz I2
Spectrur Ref Level Att 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm -0 dB	n 20.00 dBm 30 dB	2.48024 Hoppi	35 GHz ing No. 07 dB • R 1 ms • V	-0.70 dB	m -DH5 240: Mode Auto : M1[1] M2[2 2 MMMMMMM Sto	.4018370 -3.73 c .4804940 / / / / / / / / / / / / / / / / / / /	IBm GHz IBm GHz I2
Spectrur Ref Level Att 1Pk Max 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm 50 dBm -70 dBm -	n 20.00 dBm 30 dB Www.lln.vr///w 3Hz	2.48024 Hoppi Offset 7. swT	35 GHz ing No. 07 dB • R 1 ms • V	-0.70 dB	m -DH5 240: Mode Auto : M1[1] M2[2 2 MMMMMMM Sto	.4018370 -3.73 c .4804940 //////////////////////////////////	IBm GHz IBm GHz I2

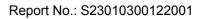


Spectrum				_					
Ref Level 2 Att	0.00 dBi 30 d								
1Pk Max	30 0		S W ADA	OUU KHZ	MOUE AL	ito Sweep			
10 dBm						(1) 2(1)			-6,10 dBm 15865 GHz -2.84 dBm 04105 GHz
P.dBm		When when the state	abition	ALL ALLAL	Lalis	Land	LANALANA	huandday	Lh ad M2
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let all									
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-60 dBm		1							
70.40-									
70 dBm								1	
Start 2.4 GH				1001 pt	-			Stop 2	4835 GHz
larker	2		-	1001 pc				acup 2	4000 GHZ
	Trc	X-value	1 1	-value	Funct	ion	Fund	tion Result	
M1	1	2.4015865 GH		-6.10 dBm					
M2	1	2,4804105 GH	łz	-2.84 dBm	-				



8.7 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-50.23	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-54.99	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-50.19	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-51.72	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-46.53	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-51.35	-20	Pass





Spectrum		_							₽▽
Ref Level Att	20.00 dBm 30 dB			BW 100 kHz	Mode Auto I	ET			
SGL Count		2441 10	(5 H2 🛋 🖌	UN GOU NHZ	Moue Auto I				
• 1Pk Max	-	-		-	M1[1]		-		1,43 dBm
					mat al	4	10-		6000 GHz
10 dBm									
0 dBm			-	M					
				\int	7				
-10 dBm			-		1				
-20 dBm					1				
-30 dBm	1			1					
-40 dBm			~						
			1		M				
-50 dBm						10			
-KO ABA	man	non	m			"hun	mon	m	ma
									1.1
-70 dBm	-		-			-		-	
1000									
B][and Ed				Hz Ant1 N	No-Hop	ping En		8.0 MHz
B Spectrum Ref Level Att	and Ed	Offset 5.	.97 dB 📦 I		Hz Ant1 M		ping En		1
Spectrum Ref Level	and Ed	Offset 5.	.97 dB 📦 I	15 2402M	Hz Ant1 M		ping En		1
B Spectrum Ref Level Att SGL Count	and Ed	Offset 5.	.97 dB 📦 I	15 2402M	Hz Ant1 M	FF T.	ping En	nission	(₩) (∀)
B Spectrum Ref Level Att SGL Count	and Ed	Offset 5.	.97 dB 📦 I	15 2402M	Hz Ant1 Mode Auto	FF T.	ping En	nission 2.4018 -5	1.30 dBm 5000 GHz 7.92 dBm
B Spectrum Ref Level Att SGL Count DPk Max	and Ed	Offset 5.	.97 dB 📦 I	15 2402M	Hz Ant1 N Mode Auto M1[1]	FF T.	ping En	nission 2.4018 -5	
B Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm-	and Ed	Offset 5.	.97 dB 📦 I	15 2402M	Hz Ant1 N Mode Auto M1[1]	FF T.	ping En	nission 2.4018 -5	1.30 dBm 5000 GHz 7.92 dBm
B Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm- 0 dBm- -10 dBm-	and Ed 20.00 dBm 30 dB 100/100	Offset 5. SWT 22	.97 dB 📦 I	15 2402M	Hz Ant1 N Mode Auto M1[1]	FF T.	ping En	nission 2.4018 -5	1.30 dBm 5000 GHz 7.92 dBm
B Spectrum Ref Level Att SGL Count 10 dBm- 10 dBm- -10 dBm- -20 dBm-	and Ed	Offset 5. SWT 22	.97 dB 📦 I	15 2402M	Hz Ant1 N Mode Auto M1[1]	FF T.		nission 2.4018 -5	1.30 dBm 5000 GHz 7.92 dBm
B Spectrum Ref Level Att SGL Count IPk Max 10 dBm- -0 dBm- -10 dBm- -20 dBm- -30 dBm-	and Ed 20.00 dBm 30 dB 100/100	Offset 5. SWT 22	.97 dB 📦 I	15 2402M	Hz Ant1 N Mode Auto M1[1]	FF T.		nission 2.4018 -5	1.30 dBm 5000 GHz 7.92 dBm
B Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5. SWT 22	.97 dB \min i 7.5 µз 🖷 '	15 2402M	Hz Ant1 N Mode Auto M1[1]	FF T.		nission 2.4018 -5	1.30 dBm 5000 GHz 7.92 dBm
B Spectrum Ref Level Att SGL Count IPk Max ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5. SWT 22	.97 dB — 1 7.5 µs — 1	I5 2402M	Mode Auto	FFT		2.4018 -5 2.4000	
B Spectrum Ref Level Att SGL Count IPk Max ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5. SWT 22	.97 dB — 1 7.5 µs — 1	I5 2402M	Hz Ant1 N Mode Auto M1[1]	FFT		2.4018 -5 2.4000	
B Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5. SWT 22	.97 dB — 1 7.5 µs — 1	I5 2402M	Mode Auto	FFT		2.4018 -5 2.4000	
B Spectrum Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm	and Ed 20.00 dBm 30 dB 100/100 01 -21,428	Offset 5. SWT 22	.97 dB — 1 7.5 µs — 1	15 2402M RBW 100 kHz увж 300 kHz	Hz Ant1 N Mode Auto M1[1] M2[1]	FFT		1ission 2.4018 -5 2.4000	I.30 dBm 5000 GHz 7.92 dBm 0000 GHz M3 M3
B Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm	and Ed 20.00 dBm 30 dB 100/100 01 -21,428	Offset 5. SWT 22	.97 dB — 1 7.5 µs — 1	I5 2402M	Hz Ant1 N Mode Auto M1[1] M2[1]	FFT		1ission 2.4018 -5 2.4000	
B Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5. SWT 22 dBm	97 dB 1.5 μs 1.5	15 2402M	Mode Auto	FFT		115SiOr 2.4018 -5 2.4000	I.30 dBm 5000 GHz 7.92 dBm 0000 GHz M3 M3
B Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm -70 dB	and Ed 20.00 dBm 30 dB 100/100 01 -21,428 01 -21,428 01 -21,428 01 -21,428 01 -1 01	Offset 5. SWT 22: dBm dBm x.voulul/y/w x.volue 2.4018 2.	97 dB • 1 7.5 µs • 1 	I5 2402M RBW 100 kHz увж 300 kHz али 300 kHz али 300 kHz али 4 али 4 ал	Hz Ant1 N Mode Auto M1[1] M2[1] M2[1]	FFT	whyherenewy	115SiOr 2.4018 -5 2.4000	I.30 dBm 5000 GHz 7.92 dBm 0000 GHz M3 M3
B Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	and Ed 20.00 dBm 30 dB 100/100 501 -21,428 501 -21,528 501 -21,5	Offset 5. SWT 223 dBm dBm x-ret-%_lut/hy/w x-value 2.4018 2. 2.3	97 dB • 1 7.5 µs • 1 M4 5 GHz	15 2402M RBW 100 kHz yBW 300 kHz 300 kHz 100 kHz 100 kHz 100 kHz yBW 300 kHz 100 kHz	Hz Ant1 N Mode Auto M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]	FFT	whyherenewy	115SiOr 2.4018 -5 2.4000	I.30 dBm 5000 GHz 7.92 dBm 0000 GHz M3 M3



Ref Leve Att		m Offset 5. B SWT 1				to FFT			2.5
1.0.0.0	t 100/100	5 3WI 1	o o po 🖷 🕴	D44 300 KH2	Mode A	ato FF I			
O TEK MAX	1	1			M	1[1]		0.00	0,11 dB
10 dBm							i	2.479	99200 GH
0 dBm				M	1	1			
o usin				M					
-10 dBm—		1		1	1		1,	1,	
-20 dBm-		+	-	1		-		-	
-30 dBm						1	· · · · · ·	1	
ou dum									
-40 dBm—		1	1	1		M			
-50 dBm-									
-60 dBm-	hom	mm	m			m	mm	mm	min
						1.00			
-70 dBm—	1								
S. C. S. Same								· · · · · ·	
CF 2.48 G	iHz	J.		1001	pts		_	Spa	n 8.0 MHz
E	Band E	dge NVN		15 2480N	/IHz Ant] :1 No-H	opping		n
E	Band E m	dge NVN m Offset 8 B SWT 23	5.97 dB 📦 I	15 2480N RBW 100 kH	/Hz Ant		opping		n
Spectrue Ref Leve Att	Band E m	m Offset S	5.97 dB 📦 I	15 2480N RBW 100 kH	/Hz Ant z z Mode /	Auto FFT	opping	Emissio	n Ę
Spectrup Ref Leve Att SGL Coun 1Pk Max 10 dBm-	Band E m	m Offset S	5.97 dB 📦 I	15 2480N RBW 100 kH	/Hz Ant z Mode /	Auto FFT	opping	Emissio	-0.16 dBi
Spectrui Ref Leve Att SGL Coun 1Pk Max	Band E m	m Offset S	5.97 dB 📦 I	15 2480N RBW 100 kH	/Hz Ant z Mode /	Auto FFT	opping	Emissio	-0,16 dB/ 95000 GH 56.74 dBr
E Spectrum Ref Leve Att SGL Coun 1Pk Max 1D dBm- M1	Band E m	m Offset S	5.97 dB 📦 I	15 2480N RBW 100 kH	/Hz Ant z Mode /	Auto FFT	opping	Emissio	-0,16 dB/ 95000 GH 56.74 dBr
E Spectrui Ref Leve Att SGL Coun 1Pk Max 10 dBm- M1 0 dBm-	Band E m	m Offset 9 B SWT 23	5.97 dB 📦 I	15 2480N RBW 100 kH	/Hz Ant z Mode /	Auto FFT	opping	Emissio	-0,16 dBr 95000 GH 56.74 dBr
E Spectrup Ref Leve Att SGL Coun 1Pk Max 10 dBm- M1 0 dBm- -10 dBm-	Band E m I 20.00 dB 30 c t 100/100	m Offset 9 B SWT 23	5.97 dB 📦 I	15 2480N RBW 100 kH	/Hz Ant z Mode / M	Auto FFT	opping	Emissio	-0,16 dBr 95000 GH 56.74 dBr
E Spectrue Ref Leve Att SGL Coun IPk Max 10 dBm- 10 dBm- -10 dBm- -20 cBm	Band E m I 20.00 dB 30 c t 100/100	m Offset 9 B SWT 23	5.97 dB 📦 I	15 2480N RBW 100 kH	/Hz Ant z Mode / M	Auto FFT	opping	Emissio	-0,16 dBr 95000 GH 56,74 dBr 50000 GH
E Spectrum Ref Leve Att SGL Coun 1Pk Max 10 dBm— -10 dBm— -20 dBm— -20 dBm— -40 dBm— -40 dBm— -50 dBm=	Band E m I 20.00 dB 30 c t 100/100	m Offset 5 B SWT 23	5.97 dB 1 27.5 μs 1	15 2480N RBW 100 kH YBW 300 kH	/Hz Ant z Mode / M	Auto FFT.		2.479 2.483	-0,16 dBr 95000 GH 56,74 dBr 50000 GH
E Spectrum Ref Leve Att SGL Coun 10 dBm- 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm-	Band E m I 20.00 dB 30 c t 100/100	m Offset 5 B SWT 23	5.97 dB 1 27.5 μs 1	15 2480N RBW 100 kH	/Hz Ant z Mode / M	Auto FFT.		2.479 2.483	-0,16 dBr 95000 GH 56.74 dBr
E Spectrum Ref Leve Att SGL Coun 1Pk Max 10 dBm— -10 dBm— -20 dBm— -20 dBm— -40 dBm— -40 dBm— -50 dBm=	Band E m I 20.00 dB 30 c t 100/100	m Offset 5 B SWT 23	5.97 dB 1 27.5 μs 1	15 2480N RBW 100 kH YBW 300 kH	/Hz Ant z Mode / M	Auto FFT.		2.479 2.483	n -0.16 dBr 95000 GH 56.74 dBr 50000 GH
E Spectrum Ref Leve Att SGL Coun 1Pk Max 10 dBm- -10 dBm- -20 dBm- -20 dBm- -40 dBm- -50 dBm- -50 dBm- -50 dBm-	D1 -19.8	m Offset 5 B SWT 23	5.97 dB 1 27.5 μs 1	15 2480N RBW 100 kH YBW 300 kH	AHz Ant z Mode / M M	Auto FFT.		2.479 2.483	n -0.16 dBi 95000 GH 56.74 dBi 50000 GH
E Spectrum Ref Leve Att SGL Coun 1Pk Max 10 dBm- -10 dBm- -20 dBm- -30 dBm- -30 dBm- -40 dBm- -50 dBm- -70 dBm-	D1 -19.8	m Offset 5 B SWT 23	5.97 dB • 1 27.5 μs • 1	15 2480N	AHz Ant z Mode / M M	Auto FFT 1[1] 2[1] κ/(μ/ωημί _κ ,κ.μ	And Ballin and Alling	2.479 2.483	n -0.16 dBi 95000 GF 56.74 dBi 50000 GF
E Spectrum Ref Leve Att SGL Coun 10 dBm 10 dBm -10 dBm -20 cBm -30 cBm -40 dBm -40 dBm -50 dBm -50 dBm -50 dBm -70 dBm -70 dBm Start 2.47 Marker Type R M1	Band E m I 20.00 dB 30 c t 100/100 D1 -19.8 M4 press of the second secon	т Offset 5 В SWT 22 94 dBm МЗ Изсили Изсили Х-value 2.479	5.97 dB 27.5 μs 1 27.5 μs 27.5 μs	15 2480N	AHz Ani	Auto FFT 1[1] 2[1] κ/(μ/ωημί _κ ,κ.μ	And Ballin and Alling	Emissio 2.479 2.483	n -0.16 dBi 95000 GF 56.74 dBi 50000 GF
E Spectrum Ref Leve Att SGL Coun 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -40 dBm -50 dBm -70 dB	Band E m I 20.00 dB 30 c t 100/100 D1 -19.8 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	т Offset 8 В SWT 22 94 dBm 94 dBm	5.97 dB 27.5 μs	15 2480N	MHz Ani	Auto FFT 1[1] 2[1] κ/(μ/ωημί _κ ,κ.μ	And Ballin and Alling	Emissio 2.479 2.483	n -0.16 dBi 95000 GF 56.74 dBi 50000 GF



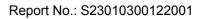
Spectrum Ref Level 20	0.00 dBm	Offset 5.97	7 dB 💼 R	BW 100 kHz					- 2.
Att		SWT 18.9	9 µs 🕳 🗸	BW 300 kHz	Mode A	uto FFT			
SGL Count 10 9 1Pk Max	JU/1UU		-						
	1				M	1[1]			-2,21 dB
10 dBm						1	r	2,402	207990 GH
10 00M									
0 dBm					11		-		-
A				may	m				
-10 dBm	-		-	1	1		1	1,	
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-50 dBm		n/	V.			m	10		
and a second	· m	NN					www	man	m
-60 dBm	mr.				-			W.V.	
-70 dBm									
Sec. 1				· · · · · · · · · · · · · · · · · · ·					
AF A 486 ALL	2								
Spectrum	nd Edg		-	1001 15 2402N RBW 100 kHz	1Hz Ant] :1 No-H	opping	•	in 8.0 MH2
Ba Spectrum Ref Level 20 Att	nd Edç	Offset 5.9	97 dB 📦 I		1Hz Ant		opping	•	on
Ba Spectrum Ref Level 20	nd Edç	Offset 5.9	97 dB 📦 I	15 2402N	1Hz Ant 2 2 Mode J	Auto FFT.	opping	•	on
Ba Spectrum Ref Level 20 Att SGL Count 10 • 1Pk Max	nd Edç	Offset 5.9	97 dB 📦 I	15 2402N	1Hz Ant 2 2 Mode J		opping	Emissic	2)n (E -1.49 dB)
Ba Spectrum Ref Level 20 Att SGL Count 10	nd Edç	Offset 5.9	97 dB 📦 I	15 2402N	1Hz Ant 2 Mode J	Auto FFT.	opping	Emissic	-1.49 dB/ -1.49 dB/ 195000 GF -54.78 dB/
Ba Spectrum Ref Level 20 Att SGL Count 10 • 1Pk Max	nd Edç	Offset 5.9	97 dB 📦 I	15 2402N	1Hz Ant 2 Mode J	Auto FFT	opping	Emissic	0 n (47 -1.49 dBA
Ba Spectrum Ref Level 20 Att SGL Count 10 IPk Max 10 dBm	nd Edç	Offset 5.9	97 dB 📦 I	15 2402N	1Hz Ant 2 Mode J	Auto FFT	opping	Emissic	-1.49 dB/ -1.49 dB/ 195000 GF -54.78 dB/
Ba Spectrum Ref Level 20 Att SGL Count 10 ID dBm 0 dBm -10 dBm -10 dBm	nd Edg 0.00 dBm 30 dB 200/100	Offset 5.5 SWT 227	97 dB 📦 I	15 2402N	1Hz Ant 2 Mode J	Auto FFT	opping	Emissic	-1.49 dB/ -1.49 dB/ 195000 GF -54.78 dB/
Ba Spectrum Ref Level 20 Att SGL Count 10 • 1Pk Max 10 dBm - 10 dBm - 20 dBm	nd Edç	Offset 5.5 SWT 227	97 dB 📦 I	15 2402N	1Hz Ant 2 Mode J	Auto FFT	opping	Emissic	-1.49 dB/ -1.49 dB/ 195000 GF -54.78 dB/
Ba Spectrum Ref Level 20 Att SGL Count 10 ID dBm 0 dBm -10 dBm -10 dBm	nd Edg 0.00 dBm 30 dB 200/100	Offset 5.5 SWT 227	97 dB 📦 I	15 2402N	1Hz Ant 2 Mode J	Auto FFT	opping	Emissic	-1.49 dB/ -1.49 dB/ 195000 GF -54.78 dB/
Ba Spectrum Ref Level 20 Att SGL Count 10 • 1Pk Max 10 dBm - 10 dBm - 20 dBm	nd Edg 0.00 dBm 30 dB 200/100	Offset 5.5 SWT 227	97 dB 📦 I	15 2402N RBW 100 kHz YBW 300 kHz	1Hz Ant 2 Mode J	Auto FFT	opping	Emissic	-1.49 dB/ -1.49 dB/ 195000 GF -54.78 dB/
Ba Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	nd Edg 0.00 dBm 30 dB 200/100	Offset 5.5 SWT 227	97 dB 9 1	I5 2402N RBW 100 kHz YBW 300 kHz	1Hz Ant	Auto FFT.		2.401 2.400	-1.49 dB -1.49 dB -1.95000 GF -54.78 dB 06600/GF
Ba Spectrum Ref Level 20 Att SGL Count 10 • 1Pk Max 10 dBm -0 dBm -20 dBm -20 dBm -40 dBm -40 dBm	nd Edg 0.00 d8m 30 d8 200/100	Offset 5.5 SWT 227	97 dB 📦 I	I5 2402N RBW 100 kHz YBW 300 kHz	1Hz Ant	Auto FFT		Emissic	-1.49 dB -1.49 dB -1.95000 GF -54.78 dB 06600/GF
Ba Spectrum Ref Level 20 Att SGL Count 10 • 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	nd Edg 0.00 d8m 30 d8 200/100	Offset 5.5 SWT 227	97 dB 9 1	I5 2402N RBW 100 kHz YBW 300 kHz	1Hz Ant	Auto FFT.		2.401 2.400	-1.49 dB -1.49 dB -1.95000 GF -54.78 dB 06600/GF
Ba Spectrum Ref Level 20 Att SGL Count 10 • 1Pk Max 10 dBm -0 dBm -20 dBm -20 dBm -40 dBm -40 dBm	nd Edg 0.00 d8m 30 d8 200/100	Offset 5.5 SWT 227	97 dB 9 1	I5 2402N RBW 100 kHz YBW 300 kHz	1Hz Ant	Auto FFT.		2.401 2.400	-1.49 dB -1.49 dB -1.95000 GF -54.78 dB 06600/GF
Ba Spectrum Ref Level 20 Att SGL Count 10 • 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 -22.208	Offset 5.5 SWT 227	97 dB 9 1	I5 2402N RBW 100 kHz YBW 300 kHz	Mode /	Auto FFT.		2.401 2.400	-1_49 dBi 95000 GF 54.78 dBi 108000 KF
Ba Spectrum Ref Level 20 Att SGL Count 10 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm	nd Edg 0.00 d8m 30 d8 300/100 1 -22.208 www.hk.lan.us 3Hz	Offset 5.5 SWT 227	97 dB 9 1	15 2402N RBW 100 kHz VBW 300 kHz 100 kHz M4 M4 M4 M4 1001	1Hz Ani	Auto FFT. 1[1] 2[1]		Emissic 2.401 2.400	-1.49 dBi 95000 GH 54.78 dBi 06000 GH
Ba Spectrum Ref Level 20 Att SGL Count 10 IPK Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	nd Edg 0.00 dBm 30 dB 30 dB	Offset 5.5 SwT 227	97 dB • 1	15 2402N RBW 100 kHz VBW 300 kHz NH2 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	1Hz Ani	Auto FFT. 1[1] 2[1]		2.401 2.400	-1.49 dBi 95000 GH 54.78 dBi 06000 GH
Ba Spectrum Ref Level 20 Att SGL Count 10 ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm -40 dBm -30 dBm -40 dBm -70 dBm	nd Edg 0.00 dBm 30 dB 30 dB 30/100 1 -22.208 4 -22.208 5Hz 5Hz 1 1	Offset 5.5 SWT 227	6Hz	I5 2402N RBW 100 kHz yBW 300 kHz 300 kHz 300 kHz 400 kHz 300	1Hz Ani	Auto FFT. 1[1] 2[1]		Emissic 2.401 2.400	-1.49 dBi 95000 GH 54.78 dBi 06000 GH
Ba Spectrum Ref Level 20 Att SGL Count 10 ID dBm 0 dBm 10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2.306 Of Marker Type M1	nd Edg 0.00 dBm 30 dB 30 dB 30/100 1 -22.208 4 -22.208 4 -22.208 5Hz Trc 1 1	Offset 5.5 SWT 227	United States of the second se	I5 2402N RBW 100 kHz VBW 300 kHz VBW 300 kHz VBW 300 kHz VBW 300 kHz VBW 300 kHz VBW 300 kHz VBW 100	1Hz Ani	Auto FFT. 1[1] 2[1]		Emissic 2.401 2.400	-1.49 dBi 95000 GH 54.78 dBi 06000 GH 2.406 GH



Ref Level : Att SGL Count : Pk Max	30 dB			28W 100 kHz 28W 300 kHz	Mode A	uto FFT			_
					M	1[1]		7 470	-0.21 dBn 97600 GH:
10 dBm					-	-		2.479	97000 GH2
				Ma					
0 dBm				m	man		-		
-10 dBm				1	- M				
-10 abin							-		1
-20 dBm	-	-	-		-+	-	-		
					1				
-30 dBm			m			m	-		
40 dbm		1	1 m			· m 1			
-40 dBm								1	
-50 dBm	p	mon					mond	7	
and	word							how	m
-60 dBm				-			-		
-70 dBm									
Sec.					_				
05 0 40 011	17								
Spectrum	ון and Ed			1001 15 2480M RBW 100 kHz	1Hz Ant] :1 No-H	opping		n 8.0 MHz
Ba	and Ed	Offset 5	5.97 dB 📦		1Hz Ant		opping		on
Ba Spectrum Ref Level 3 Att	and Ed	Offset 5	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant	Auto FFT	opping		n (⊽
Ba Spectrum Ref Level 3 Att SGL Count 1 PIPK Max	and Ed	Offset 5	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant		opping	Emissio	on
Ba Spectrum Ref Level 3 Att SGL Count 3	and Ed	Offset 5	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant	Auto FFT	opping	Emissio	-0.60 dBm 15000 GH2 51.93 dBm
Ba Spectrum Ref Level 3 Att SGL Count 3 • 1Pk Max 10 dBm	and Ed	Offset 5	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant	Auto FFT.	opping	Emissio	0 ∩ (₩ -0.60 dBm 15000 GHz
Ba Spectrum Ref Level 3 Att SGL Count 3 IPk Max 10 dBm- M1	and Ed	Offset 5	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant	Auto FFT.	opping I	Emissio	-0.60 dBm 15000 GH2 51.93 dBm
Backson Spectrum Ref Level 2 Att SGL Count 2 10 dBm 10 dBm -10 dBm -10 dBm	and Ed	Offset 5 SWT 22	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant	Auto FFT.	opping	Emissio	-0.60 dBm 15000 GH2 51.93 dBm
Ba Spectrum Ref Level 3 Att SGL Count 1 SGL Count 1 ID dBm -10 dBm -10 dBm -29 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant	Auto FFT.	opping	Emissio	-0.60 dBm 15000 GH2 51.93 dBm
Backson Spectrum Ref Level 2 Att SGL Count 2 10 dBm 10 dBm -10 dBm -10 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant	Auto FFT.	opping	Emissio	-0.60 dBm 15000 GH2 51.93 dBm
Ba Spectrum Ref Level 3 Att SGL Count 3 IPk Max 10 dBm -10 dBm -10 dBm -10 dBm -30 dBm -30 dBm -30 dBm -30 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 📦	15 2480N RBW 100 kHz	1Hz Ant	Auto FFT.	opping	Emissio	-0.60 dBm 15000 GH2 51.93 dBm
Ba Spectrum Ref Level 2 Att SGL Count 2 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 27.5 µs	15 2480N RBW 100 kHz VBW 300 kHz	1Hz Ant	Auto FFT.		2.480 2.483	-0.60 dBm 15000 GH2 51.93 dBm 50000 GH2
Ba Spectrum Ref Level 3 Att SGL Count 3 IPk Max 10 dBm -10 dBm -10 dBm -10 dBm -30 dBm -30 dBm -30 dBm -30 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 📦	15 2480N RBW 100 kHz VBW 300 kHz	1Hz Ant	Auto FFT.	opping l	2.480 2.483	-0.60 dBm 15000 GH2 51.93 dBm 50000 GH2
Ba Spectrum Ref Level 3 Att SGL Count 3 ID dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 27.5 µs	15 2480N RBW 100 kHz VBW 300 kHz	1Hz Ant	Auto FFT.		2.480 2.483	-0.60 dBm 15000 GH2 51.93 dBm 50000 GH2
Ba Spectrum Ref Level 3 SGL Count DBK Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -80 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 27.5 µs	15 2480N RBW 100 kHz VBW 300 kHz	1Hz Ant	Auto FFT.		2.480 2.483	-0.60 dBm 15000 GH2 51.93 dBm 50000 GH2
Ba Spectrum Ref Level 3 Att SGL Count 3 ID dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm	20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 27.5 µs	15 2480N RBW 100 kHz VBW 300 kHz	Mode /	Auto FFT.		2.480 2.483	-0.60 dBm 15000 GH2 51.93 dBm 50000 GH2
Ba Spectrum Ref Level 3 SGL Count SGL Count D dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70 dBm -70 dBm Start 2.476 Marker	and Ed 20.00 dBm 30 dB 100/100	dBm	5.97 dB 27.5 μs	15 2480M	1Hz Ant	Auto FFT.	John My Joon Lux	Emissio 2.480 2.483	-0.60 dBm 15000 GHz 51.93 dBm 53.000 GHz
Ba Spectrum Ref Level 2 Att SGL Count 2 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -60 dBm -70 dBm -70 dBm	and Ed 20.00 dBm 30 dB 100/100	dBm M3 M3 X-value	5.97 dB 27.5 μs	H5 2480N RBW 100 kHz YBW 300 kHz	1Hz Ant Mode / M M M	Auto FFT.	John My Joon Lux	2.480 2.483	-0.60 dBm 15000 GHz 51.93 dBm 53.000 GHz
Ba Spectrum Ref Level 2 Att SGL Count 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -70 dBm -	20.00 dBm 30 dB 100/100 01 -20,214 01 -20,214 01 -20,214	Offset 5 SWT 22 dBm dBm x-value 2.480 2.480	5.97 dB 27.5 μs	15 2480N RBW 100 kHz VBW 300 kHz VBW 300 kHz 100 kHz VBW 300 kHz 100	1Hz Ant	Auto FFT.	John My Joon Lux	Emissio 2.480 2.483	-0.60 dBm 15000 GHz 51.93 dBm 53.000 GHz
Ba Spectrum Ref Level 3 Att SGL Count 3 IPK Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2.476 Marker Type Ref M1	20.00 dBm 30 dB 100/100 01 -20.214	Offset 5 SWT 22 dBm dBm x-value 2.480 2.480 2.480 2.480	5.97 dB 27.5 μs	H5 2480N	1Hz Ani Mode / M M M M	Auto FFT.	John My Joon Lux	Emissio 2.480 2.483	-0.60 dBm 15000 GHz 51.93 dBm 53.000 GHz



Att SGL Count	30 dB			RBW 100 kHz /BW 300 kHz		uto FFT				₩
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Spectrun)[and Ed			1001 15 2402N RBW 100 kH:	/IHz Ant] t <u>1 No-H</u>	opping	•	n 8.0 M	IHz ▼
Spectrum Ref Level Att SGL Count	and Ed	Offset 5	5.97 dB 🖷	15 2402N	/IHz Ant			•	8	
Spectrum Ref Level Att	and Ed	Offset 5	5.97 dB 🖷	15 2402N	/Hz Ant z z Mode /	Auto FFT		•	on	H ∀
Spectrum Ref Level Att SGL Count	and Ed	Offset 5	5.97 dB 🖷	15 2402N	/Hz Ant z Mode /	Auto FFT		Emissic	-2.12 215000	dBn GH:
B Spectrum Ref Level Att SGL Count IPk Max 10 dBm-	and Ed	Offset 5	5.97 dB 🖷	15 2402N	/Hz Ant z Mode /	Auto FFT		Emissic	on -2.12	dBn GH: dBn
B Spectrun Ref Level Att SGL Count 1Pk Max 10 dBm- 0 dBm-	and Ed	Offset 5	5.97 dB 🖷	15 2402N	/Hz Ant z Mode /	Auto FFT		Emissic	-2.12 215000 -52.38	dBn GH: dBn
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B Spectrun Ref Level Att SGL Count 1Pk Max 10 dBm- 0 dBm-	and Ed	Offset 5 SWT 22	5.97 dB 🖷	15 2402N	/Hz Ant z Mode /	Auto FFT		Emissic	-2.12 215000 -52.38	dBn GH: dBn
B Spectrum Ref Level Att SGL Count 10 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 🖷	15 2402N	/Hz Ant z Mode /	Auto FFT		Emissic	-2.12 215000 -52.38	dBn GH: dBn
B Spectrum Ref Level Att SGL Count SGL Count I D dBm 0 dBm -10 dBm -20 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB 🖷	15 2402N	/Hz Ant z Mode /	Auto FFT		2.402 2.400	-2.12 215000 -52.38	dBn GH: dBn
B Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	and Ed 20.00 dBm 30 dB 100/100	Offset 5 SWT 22	5.97 dB	15 2402N RBW 100 кн. увж 300 кн.	/Hz Ant	Auto FFT.		2.400 2.400	-2.12 215000 52.38 000000	dBn GH: dBn
B Spectrum Ref Level Att SGL Count ID dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm-	and Ed 20.00 dBm 30 dB 100/100 01 -22,897	Offset 5 SWT 22	5.97 dB	15 2402N RBW 100 кн. увж 300 кн.	/Hz Ant	Auto FFT.		2.400 2.400	-2.12 215000 52.38 000000	dBn GH: dBn
B Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	and Ed 20.00 dBm 30 dB 100/100 01 -22,897	Offset 5 SWT 22	5.97 dB	15 2402N	/Hz Ant	Auto FFT.		2.400 2.400	-2.12 215000 52.38 000000	dBn GH:
B Spectrum Ref Level Att SGL Count ID dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm-	and Ed 20.00 dBm 30 dB 100/100 01 -22,897	Offset 5 SWT 22	5.97 dB	15 2402N RBW 100 кн. увж 300 кн.	/Hz Ant	Auto FFT.		2.400 2.400	-2.12 215000 52.38 000000	dBn GH:
B Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm -70 dBm -70 dBm	D1 -22,897	Offset 5 SWT 22	5.97 dB	15 2402N RBW 100 kH: YBW 300 kH:	MHz Ant z Mode / M M	Auto FFT.		2.402 2.400	-2.12 215000 52.38 000000	dBn GH: dBn K
B Spectrum Ref Level Att SGL Count IPK Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	and Ed 20.00 dBm 30 dB 100/100 01 -22,897 401 -22,897 6 GHz	Offset 5 SWT 22	5.97 dB 27.5 μs	15 2402N	MHz Ani	Auto FFT.		Emissic 2.400 2.400	-2.12 15000 52.38 00000 M4	dBn GH: dBn K
B Spectrum Ref Level Att SGL Count SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2.30 Marker Type Re	and Ed 20.00 dBm 30 dB 100/100 	Offset 5 SWT 22	5.97 dB 27.5 μs	H5 2402N	MHz Ani	Auto FFT.		2.402 2.400	-2.12 15000 52.38 00000 M4	dBn GH: dBn K
B Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -10 dBm -20 dBm -30 dB	and Ed 20.00 dBm 30 dB 100/100 01 -22,897 40/1-22,89	Offset 5 SWT 22 dBm dBm xvalue 2.402 2	5.97 dB 27.5 μs	15 2402N RBW 100 kH VBW 300 kH 300 kH 100	MHz Ani	Auto FFT.		Emissic 2.400 2.400	-2.12 15000 52.38 00000 M4 WWW	dBn GH dBn K H
B Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dB	and Ed 20.00 dBm 30 dB 100/100 01 -22,897 aujuta Mula A 6 GHz f Trc 1	Offset 5 SWT 22 dBm dBm x-value 2.402 2.2	5.97 dB 27.5 μs	15 2402N RBW 100 kH: YBW 300 kH: 100 kH: YBW 300 kH: 100 kH: 100 kH: 100 kH: Y-value -2:12 dB	MHz Ani	Auto FFT.		Emissic 2.400 2.400	-2.12 15000 52.38 00000 M4 WWW	dBn GH dBn K H





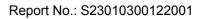
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 100/100 • 1Pk Max	m Offset 5.97 dB 4B SWT 18.9 µs		Mode Auto FFT			Ū Ţ
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and the second sec		22.222.12.2	1		Our star	8.0 MHz
Spectrum	dge NVNT 3-D			Hopping I		
Band E Spectrum Ref Level 20.00 dB		0H5 2480MH	Iz Ant1 No-	Hopping I		۱
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 5.97 dB	0H5 2480MH	Iz Ant1 No-	Hopping I	Emission	ן ערייק
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 5.97 dB	0H5 2480MH	Iz Ant1 No- Mode Auto FFT	Hopping I	Emission 2.4799	ן עד 1.42 dBm 5000 GHz
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max	m Offset 5.97 dB	0H5 2480MH	Iz Ant1 No-	Hopping I	Emission 2.4799	ן עד 1.42 dBm
Band E Spectrum Ref Level 20.00 dB Att 30 o SGL Count 100/100 IPk Max 10 dBm M1	m Offset 5.97 dB	0H5 2480MH	Iz Ant1 No- Mode Auto FFT	Hopping I	Emission 2.4799	1.42 dBm 5000 GHz 3.78 dBm
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm 0 dBm	m Offset 5.97 dB fB SWT 227.5 µs (0H5 2480MH	Iz Ant1 No- Mode Auto FFT	Hopping I	Emission 2.4799	1.42 dBm 5000 GHz 3.78 dBm
Band E Spectrum Ref Level 20.00 dB Att 30 o SGL Count 100/100 1Pk Max 10 dBm 0 dBm -10 cBm	m Offset 5.97 dB fB SWT 227.5 µs (0H5 2480MH	Iz Ant1 No- Mode Auto FFT	Hopping I	Emission 2.4799	1.42 dBm 5000 GHz 3.78 dBm
Band E Spectrum Ref Level 20.00 dB Att 30 o SGL Count 100/100 1Pk Max 10 dBm 0 dBm -10 cBm -20 cBm 01 -22,4	m Offset 5.97 dB fB SWT 227.5 µs (0H5 2480MH	Iz Ant1 No- Mode Auto FFT	Hopping	Emission 2.4799	1.42 dBm 5000 GHz 3.78 dBm
Band E Spectrum Ref Level 20.00 dB Att 30 o SGL Count 100/100 1Pk Max 10 dBm 0 dBm -10 cBm -20 cBm 01 -22,4	m Offset 5.97 dB B SWT 227.5 μs 26 dBm	DH5 2480MH RBW 100 kHz YBW 300 kHz	Iz Ant1 No- Mode Auto FFT M1[1] M2[1]		Emission 2.4799 -5 2.4835	1.42 dBm 5000 GHz 3.78 dBm
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm	m Offset 5.97 dB B SWT 227.5 μs 26 dBm	0H5 2480MH	Iz Ant1 No- Mode Auto FFT M1[1] M2[1]		Emission 2.4799 -5 2.4835	1.42 dBm 5000 GHz 3.78 dBm
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm	m Offset 5.97 dB B SWT 227.5 μs 26 dBm	DH5 2480MH RBW 100 kHz YBW 300 kHz	Iz Ant1 No- Mode Auto FFT M1[1] M2[1]		Emission 2.4799 -5 2.4835]
Band E Spectrum Ref Level 20.00 dB Att 30 of SGL Count 100/100 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -50 dBm -60 dBm -70 dBm	m Offset 5.97 dB B SWT 227.5 μs 26 dBm	DH5 2480MH RBW 100 kHz VBW 300 kHz	Iz Ant1 No- Mode Auto FFT 		Emission 2.4799 -5 2.4835	ן עדיייייייייייייייייייייייייייייייייייי
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm	m Offset 5.97 dB B SWT 227.5 µs 26 dBm 26 dBm	DH5 2480MH	Iz Ant1 No-		Emission 2.4799 -5 2.4835 (m, 44 M, 44 (m, 44 M, 44) (m, 44) (]
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm Type Ref Trc M1	m Offset 5.97 dB B SWT 227.5 μs 26 dBm 26 dBm M3 M3 M3 M3 M3 M3 M3 M3 M3 M4 M3 M4 M3 M4 M3 M4 M3 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	DH5 2480MH RBW 100 kHz VBW 300 kHz VBW 300 kHz 1001 pts 1001 pts -1.42 dBm	Iz Ant1 No- Mode Auto FFT 		Emission 2.4799 -5 2.4835	ן עדיייייייייייייייייייייייייייייייייייי
Band E Spectrum Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 10 dBm -10 cBm -20 cBm -50 dBm -70 dBm -70 dBm Start 2.476 GHz Marker Type Ref Trc	m Offset 5.97 dB B SWT 227.5 µs 26 dBm 26 dBm M3 M3 M3 M3 M3 X-value	DH5 2480MH RBW 100 kHz VBW 300 kHz VBW 300 kHz VBW 300 kHz 100 kHz VBW 300 kHz 100 kHz VBW 300 kHz VBW 100 kHz V	Iz Ant1 No-		Emission 2.4799 -5 2.4835 (m, 44 M, 44 (m, 44 M, 44) (m, 44) (ן עדיייייייייייייייייייייייייייייייייייי



8.8 BAND EDGE(HOPPING)

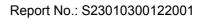
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-48.6	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-50.32	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-45.25	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-52.59	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-44.91	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-52.01	-20	Pass

ACCREDITED Certificate #4298.01



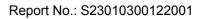


	20.00 dBm			BW 100 kHz	100.20				
Att SGL Count	30 dB 8000/8000	SWT 18	3.9 µs 🖷 🗸	BW 300 kHz	Mode A	uto FFT			
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-70 dBm									
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Spectrun	_)(d Edge(□	-		1001 T 1-DH5	2402N] 1Hz Ant1	Hoppin	•	ssion
Band Spectrum Ref Level Att	d Edge(n 20.00 dBm 30 dB	Offset 7	.07 dB 📦 I		2402N		Hoppin	•	ssion
Band Spectrum Ref Level Att SGL Count	d Edge(Offset 7	.07 dB 📦 I	T 1-DH5	2402N		I Hoppin	•	ssion
Band Spectrum Ref Level Att	d Edge(n 20.00 dBm 30 dB	Offset 7	.07 dB 📦 I	T 1-DH5	2402N 2 2 Mode /	Auto FFT	I Hoppin	•	ssion
Band Spectrum Ref Level Att SGL Count	d Edge(n 20.00 dBm 30 dB	Offset 7	.07 dB 📦 I	T 1-DH5	2402N 2 Mode /	Auto FFT.	l Hoppin	ng Emis	-2.69 dBm 195000 GHz
Band Spectrum Ref Level Att SGL Count • 1Pk Max 10 dBm	d Edge(n 20.00 dBm 30 dB	Offset 7	.07 dB 📦 I	T 1-DH5	2402N 2 Mode /	Auto FFT	Hoppin	ng Emis 2.403	-2.69 dBm 95000 GHz 55.78 dBm
Band Spectrun Ref Level Att SGL Count SGL Count 10 dBm- 0 dBm-	d Edge(n 20.00 dBm 30 dB	Offset 7	.07 dB 📦 I	T 1-DH5	2402N 2 Mode /	Auto FFT.	Hoppin	ng Emis 2.403	-2.69 dBm 195000 GHz
Band Spectrum Ref Level Att SGL Count • 1Pk Max 10 dBm	d Edge(n 20.00 dBm 30 dB	Offset 7	.07 dB 📦 I	T 1-DH5	2402N 2 Mode /	Auto FFT.	Hoppin	ng Emis 2.403	-2.69 dBm 95000 GHz 55.78 dBm
Band Spectrun Ref Level Att SGL Count 10 dBm- 0 dBm- -10 dBm-	d Edge(n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB 📦 I	T 1-DH5	2402N 2 Mode /	Auto FFT.	I Hoppin	ng Emis 2.403	-2.69 dBm 95000 GHz 55.78 dBm
Banc Spectrun Ref Level Att SGL Count 10 dBm- -10 dBm- -20 dBm-	d Edge(n 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 📦 I	T 1-DH5	2402N 2 Mode /	Auto FFT.	I Hoppin	ng Emis 2.403	-2.69 dBm 95000 GHz 55.78 dBm
Band Spectrum Ref Level Att SGL Count • 1Pk Max 10 dBm	d Edge(n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB 📦 I	T 1-DH5	2402N 2 Mode /	Auto FFT.	I Hoppin	ng Emis 2.403	-2.69 dBm 95000 GHz 55.78 dBm
Banc Spectrun Ref Level Att SGL Count 10 dBm- -10 dBm- -20 dBm-	d Edge(n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB 📦 I	T 1-DH5	2402N 2 Mode /	Auto FFT.	Hoppin	ng Emis 2.403	-2.69 dBm 95000 GHz 55.78 dBm
Band Spectrum Ref Level Att SGL Count • 1Pk Max 10 dBm	D C C C C C C C C C C C C C C C C C C C	Offset 7 SWT 22	.07 dB • 1 77.5 μs • 1	T 1-DH5	2402N 2 Mode / M	Auto FFT		2.400	-2.69 dBm 95000 GHz 55.78 dBm 00000 0Hz
Band Spectrum Ref Level Att SGL Count 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm-	d Edge(n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB • 1 77.5 μs • 1	T 1-DH5	2402N 2 Mode / M	Auto FFT.	I Hoppin	2.403 2.400	-2.69 dBm 95000 GHz 55.78 dBm 00000 0Hz
Band Spectrum Ref Level Att SGL Count 10 dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm- -50 dBm-	D C C C C C C C C C C C C C C C C C C C	Offset 7 SWT 22	.07 dB • 1 77.5 μs • 1	T 1-DH5	2402N 2 Mode / M	Auto FFT		2.400	-2.69 dBm 95000 GHz 55.78 dBm 00000 0Hz
Banc Spectrum Ref Level Att SGL Count 10 dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -30 dBm- -50 dBm-	D C C C C C C C C C C C C C C C C C C C	Offset 7 SWT 22	.07 dB • 1 77.5 μs • 1	T 1-DH5	2402N 2 Mode / M	Auto FFT		2.400	-2.69 dBm 95000 GHz 55.78 dBm 00000 0Hz
Band Spectrum Ref Level Att SGL Count 10 dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm- -50 dBm-	D1 -22.362	Offset 7 SWT 22	.07 dB • 1 77.5 μs • 1	T 1-DH5	2402N	Auto FFT		2.400 2.400	-2.69 dBm 95000 GHz 55.78 dBm 00000 0Hz
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- Start 2.300 Marker	d Edge(n 20.00 dBm 30 dB 1200/1200	dBm-	27.5 μs s 1	T 1-DH5	2402N	Auto FFT	where the states	ng Emis 2.400 2.400	-2.69 dBm -2.69 dBm 95000 GHz 55.79 dBm 06000 0442 -2.406 GHz
Banc Spectrun Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	d Edge(n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22 dBm-	.07 dB = 1 27.5 μs = 1	T 1-DH5	2402N	Auto FFT	where the states	2.400 2.400	-2.69 dBm -2.69 dBm 95000 GHz 55.79 dBm 06000 0442 -2.406 GHz
Band Spectrum Ref Level Att SGL Count •10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm -7	D1 -22.362	Offset 7 SWT 22 dBm dBm x-value 2.4033 2	27.5 μs s 1 27.5 μs 1 2	T 1-DH5 RBW 100 kH2 yBW 300 kH2 100 M4 1001 Y-value -2.69 dBr -55.78 dBr	2402N	Auto FFT	where the states	ng Emis 2.400 2.400	-2.69 dBm -2.69 dBm 95000 GHz 55.79 dBm 06000 0442 -2.406 GHz
Band Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70	d Edge(n 20.00 dBm 30 dB 1200/1200 01 -22,362 01 -22,362 0	Offset 7 SWT 22 dBm- dBm- 2.4035 2.3 2.3	27.5 μs • ' 27.5 μs • '	T 1-DH5 RBW 100 kH2 VBW 300 k	2402N	Auto FFT	where the states	ng Emis 2.400 2.400	-2.69 dBm -2.69 dBm 95000 GHz 55.79 dBm 06000 0442 -2.406 GHz



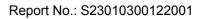


Ref Level 20.00 dBr Att 30 d SGL Count 8000/800	B SWT 18.9 µs 🖷		Mode Auto	FFT			Ţ Ţ
O IPK Max		1	M1[1	1	- 5	2.477	-0.87 dBr
10 dBm							
D dBm	M1	m m	1				
-10 dBm			1				
-20 dBm			4				
-30 dBm						-	
		1.1.1					
-40 dBm			2				
-50 dBm				han		n	mini
-60 dBm							
-70 dBm							
CF 2.48 GHz		1001					n 8.0 MHz
						000	
Spectrum Ref Level 20.00 dBr	e(Hopping) NV m Offset 7.07 dB B SWT 227.5 µs	(NT 1-DH5 RBW 100 kHz	2480MH			ng Emis	
Spectrum Ref Level 20.00 dBr	m Offset 7.07 dB B SWT 227.5 µs	(NT 1-DH5 RBW 100 kHz	2480MH: Mode Auto) FFT.		ng Emis	E⊳
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120	m Offset 7.07 dB B SWT 227.5 µs	(NT 1-DH5 RBW 100 kHz	2480MH: Mode Auto) FFT.		2.476	-1.27 dBn 15000 GH
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 1Pk Max	m Offset 7.07 dB B SWT 227.5 µs	(NT 1-DH5 RBW 100 kHz	2480MH: Mode Auto) FFT.		2.476	-1.27 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 PIPk Max 10 dBm 1	m Offset 7.07 dB B SWT 227.5 µs	(NT 1-DH5 RBW 100 kHz	2480MH: Mode Auto) FFT.		2.476	-1.27 dBn 15000 GH 52.88 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 • 1Pk Max 10 dBm 10 dBm	m Offset 7.07 dB B SWT 227.5 µs 0	(NT 1-DH5 RBW 100 kHz	2480MH: Mode Auto) FFT.		2.476	-1.27 dBn 15000 GH 52.88 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 cBm	m Offset 7.07 dB B SWT 227.5 µs 0	(NT 1-DH5 RBW 100 kHz	2480MH: Mode Auto) FFT.		2.476	-1.27 dBn 15000 GH 52.88 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 ID dBm 0 dBm 10 dBm 20 dBm 10 dBm	m Offset 7.07 dB B SWT 227.5 µs 0	(NT 1-DH5 RBW 100 kHz	2480MH: Mode Auto) FFT.		2.476	-1.27 dBn 15000 GH 52.88 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 1Pk Max 10 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 cBm -40 dBm -50 dBm	m Offset 7.07 dB B SWT 227.5 µs 0	/NT 1-DH5	2480MH: Mode Auto M1[1) FFT.		2.476	-1.27 dBn 15000 GH 52.88 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 ID dBm 10 dBm 10 dBm 20 dBm 10 dBm 20 dBm 10 dBm 20 dBm 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm -20 dBm -30 cBm -40 dBm -50 dBm	m Offset 7.07 dB B SWT 227.5 µs 0	/NT 1-DH5	2480MH: Mode Auto M1[1) FFT.		2.476	-1.27 dBn 15000 GH 52.89 dBn 50000 GH
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 ID dBm 10 dBm 20 dBm 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm -30 cBm -60 dBm -70 dBm	m Offset 7.07 dB B SWT 227.5 µs 0	/NT 1-DH5	2480MH: Mode Auto MI[1 M2[1) FFT.		2.476 2.483	-1.27 dBn 15000 GH 52.89 dBn 50000 GH
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 • 1Pk Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm Start 2.476 GHz Marker	m Offset 7.07 dB B SWT 227.5 µs 0	/NT 1-DH5	2480MH: Mode Auto MI[1 M2[1) FFT.		2.476 2.483	-1.27 dBn 15000 GH 52.89 dBn 50000 GH
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 1Pk Max 10 dBm 10 dBm	m Offset 7.07 dB B SWT 227.5 µs 0	/NT 1-DH5	2480MH: Mode Auto M1[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2] M2[1 M2[1 M2] M2[1 M2[1 M2] M2[1 M2] M2[1 M2] M2[1 M2] M2[1 M2] M2[1 M2] M2] M2[1 M2] M2] M2] M2] M2] M2] M2] M2]	o FFT.	- Juntuhi	2.476 2.483	-1.27 dBn 15000 GH 52.88 dBn 50000 GH
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 • 1Pk Max 10 dBm 0 dBm 10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2.476 GHz Marker Type Ref M1 1 M2 1 M3 1	m Offset 7.07 dB B SWT 227.5 µs 0 2 2 dBm 4 113 12 dBm 4 113 14 113 14 14 14 14 14 14 14 14 14 14 14 14 14	/NT 1-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz 1001 1001 Y-value -1.27 dBm -52.89 dBm -55.27 dBm	2480MH: Mode Auto 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]	o FFT.	- Juntuhi	2.476 2.483	-1.27 dBn 15000 GH 52.88 dBn 50000 GH
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 1200/120 ID dBm 10 dBm 20 dBm 10 dBm -30 dBm -60 dBm -70 dBm Start 2.476 GHz Marker Type Ref M1 1 M2 1	m Offset 7.07 dB B SWT 227.5 µs 0 22 dBm 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5	/NT 1-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz 1001 1001 Y-value -1.27 dBm -52.88 dBm -	2480MH: Mode Auto 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]	o FFT.	- Juntuhi	2.476 2.483	-1.27 dBn 15000 GH 52.88 dBn 50000 GH



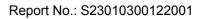


Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	SWT 18.9		RBW 100 kHz YBW 300 kHz	Mode Aut	to FF T			V
	1		2		MI	[1]		2.40	-2,28 dBm 0400600 GHz
10 dBm				· · · · · ·		1			
0 dBm	-						MI	0000	
-10 dBm				m	m	ran	pron	2 and	un march
-20 dBm						_			
-20 0811									
-30 dBm									
-40 dBm			N	A			-	-	-
-50 dBm		Int	N.						
mm	mm	mary							
-60 dBm									1
-70 dBm		-	_	-		_	-	-	-
CF 2.402 G				1001					an 8.0 MHz
Band	I Edge	(Hopping)) NVN	IT 2-DH5	2402MI	Hz Ant	1 Hopp	ing Emi	ission
Spectrum Ref Level Att SGL Count	20.00 dBm 30 dB	Offset 7.0 SWT 227	17 dB 🖷	IT 2-DH5 RBW 100 kHz YBW 300 kHz			1 Hopp	ing Emi	ission (The second sec
Spectrum Ref Level Att SGL Count	20.00 dBm 30 dB	Offset 7.0 SWT 227	17 dB 🖷	RBW 100 kHz	Mode At	uto FFT.	1 Hopp	ing Emi	
Spectrum Ref Level Att	20.00 dBm 30 dB	Offset 7.0 SWT 227	17 dB 🖷	RBW 100 kHz	Mode Au	uto FFT.	1 Hopp	10.0	-4.35 dBm 0525000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset 7.0 SWT 227	17 dB 🖷	RBW 100 kHz	Mode At	uto FFT.	1 Hopp	2.40	-4.35 dBm 525000 GHz -55.62 dBm 2006000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset 7.0 SWT 227	17 dB 🖷	RBW 100 kHz	Mode Au	uto FFT.	1 Hopp	2.40	-4.35 dBm 525000 GHz -55.62 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 30 dB	Offset 7.0 SWT 227	17 dB 🖷	RBW 100 kHz	Mode Au	uto FFT.	1 Hopp	2.40	-4.35 dBm 525000 GHz -55.62 dBm 2006000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 30 dB 1200/1200	Offset 7.0 SWT 227	17 dB 🖷	RBW 100 kHz	Mode Au	uto FFT.	1 Hopp	2.40	-4.35 dBm 525000 GHz -55.62 dBm 2006000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBm 30 dB 1200/1200	Offset 7.0 SWT 227	17 dB 🖷	RBW 100 kHz	Mode Au	uto FFT.	1 Hopp	2.40	-4.35 dBm 525000 GHz -55.62 dBm 2006000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dB 1200/1200	Offset 7.0 SWT 227	17 dB	RBW 100 kHz	Mode A((1) [1]		2.40 2.40	-4.35 dBm 5525000 GHz -55.62 dBm 000000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 1D dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBm 30 dB 1200/1200	Offset 7.0 SWT 227	17 dB	RBW 100 kHz	Mode A((1) [1]		2.40 2.40	-4.35 dBm 5525000 GHz -55.62 dBm 000000 GHz
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm	20.00 dBm 30 dB 1200/1200	Offset 7.0 SWT 227	17 dB	RBW 100 kHz	Mode Au M1	(1) [1]		2.40 2.40	-4.35 dBm 5525000 GHz -55.62 dBm 000000 GHz MWM
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2.306	20.00 dBm 30 dB 1200/1200	Offset 7.0 SWT 227	17 dB	RBW 100 kHz	Mode Au M1	uto FFT [1] [1]		2.40 2.40 14 14 14 14 15 15 15 15 15	-4.35 dBm 0525000 GHz -55.62 dBm 000000 GHz
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm Start 2.306 Marker Type Ref M1	20.00 dBm 30 dB 1200/1200 01 -22.276 ////////////////////////////////////	Offset 7.0 SWT 227	17 dB 5 μs	RBW 100 kHz VBW 300 kHz	Mode Ar	uto FFT [1] [1]		2.40 2.40	-4.35 dBm 0525000 GHz -55.62 dBm 000000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2.306 Marker Type	20.00 dBm 30 dB 1200/1200 01 -22.276 //www.dw./www. 6 GHz	Offset 7.0 SWT 227	F dB 5 μs	RBW 100 kHz VBW 300 kHz	Mode Au M1	uto FFT [1] [1]		2.40 2.40 14 14 14 14 15 15 15 15 15	-4.35 dBm 0525000 GHz -55.62 dBm 000000 GHz



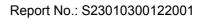


Att 30 dB SWT 18.9 µs SGL Count 8000/8000 1Pk Max 10 dBm M1	• YBW 300 kHz M	M1[1]	-	
1Pk Max 10 dBm		M1[1]	_	-
		M1[1]		
				-0,59 dBr
			T	2.47784220 GH
D dBm	A 10		-	
and a contraction of the contrac	a sur was an	7		
-10 dBm				
-20 dBm				
-30 dBm-		1		
		hom		
-40 dBm				
-50 dBm-		1	hann	
				m
-60 dBm				
-70 dBm				
CF 2.48 GHz	1001 pts			Span 8.0 MHz
Att 30 dB SWT 227.5 μ SGL Count 1200/1200 1Pk Max	e vow suukhz N	IUUE AUTO FFT		
TER INIGY		M1[1]		-3.89 dBr
10 dBm-	-	M2[1]		2.47915000 GH -53.22 dBn
0 /d6m-		met 11	-	2.48350000 GH
-10 gBm				
-20 cBm D1 -20,586 dBm				
-30 dBm				
-40 dBm				
-50 dB 12 M4 18 /	100 01 10			C. H. H. H.
Mumanen Jehldon Jean Muncher	have a superior and the second	nutry manune pre	monorman	Marrison and a second second
-60 dBm				
-70 dBm				
	1001			01
01	1001 pts			Stop 2.576 GHz
Start 2.476 GHz Marker				Result
Marker Type Ref Trc X-value	Y-value	Function	Function	11000010
Marker Type Ref Trc X-value M1 1 2.47915 GH	z -3.89 dBm	Function	Function	
Marker X-value M1 1 2.47915 GH M2 1 2.4835 GH M3 1 2.5 GH	z -3.89 dBm z -53.22 dBm z -55.32 dBm	Function	Function	
Marker Type Ref Trc X-value M1 1 2.47915 GH M2 1 2.4835 GH	z -3.89 dBm z -53.22 dBm z -55.32 dBm	Function	Function	





Att	n 20.00 dBm 30 dB : 8000/8000	SWT 18		RBW 100 kHz /BW 300 kHz	Mode A	uto FFT			V
🛛 1Pk Max									
					M	1[1]			-2,36 dBm
10 dBm						-		2,40	300700 GHz
0 dBm						M1	-		
				m	m ~	My,	mon	mon	man
-10 dBm		-		11	X			ew.	N.
a									
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-50 dBm	1.	~~~	JVV						
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122								1	1.000
CF 2.402	GHz		-	1001	pts		-	Sp	an 8.0 MHz
Spectrur	n			IT 3-DH5] 1Hz Ant	1 Hoppi	ng Emi	ssion
Spectrur Ref Level Att	n 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 🖷	IT 3-DH5 RBW 100 kHz VBW 300 kHz			1 Hoppi	ng Emi	
Spectrur Ref Level Att	n 20.00 dBm	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz			1 Hoppi	ng Emi	
Spectrur Ref Level Att SGL Count	n 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode .		1 Hoppi		-3.20 dBm
Spectrur Ref Level Att SGL Count	n 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode	Auto FFT.	1 Hoppin	2.40	
Spectrur Ref Level Att SGL Count 1Pk Max	n 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode	Auto FFT	1 Hoppi	2.40	-3.20 dBm 295000 GHz
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode	Auto FFT.	1 Hoppi	2.40	-3.20 dBm 295000 GHz -55.26 dBm
Spectrum Ref Level Att SGL Count 1Pk Max	n 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode	Auto FFT.	1 Hoppi	2.40	-3.20 dBm 295000 GHz -55.26 dBm 005000/GHz
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode	Auto FFT.	1 Hoppi	2.40	-3.20 dBm 295000 GHz -55.26 dBm 005000/GHz
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm- 0 dBm- -10 dBm-	n 20.00 dBm 30 dB : 1200/1200	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode	Auto FFT.	1 Hoppi	2.40	-3.20 dBm 295000 GHz -55.26 dBm 006000/GHz
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 30 dB : 1200/1200	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode	Auto FFT.	1 Hoppi	2.40	-3.20 dBm 295000 GHz -55.26 dBm 006000/GHz
Spectrur Ref Level Att SGL Count 1Pk Max 1D dBm- -0 dBm- -10 dBm- -20 dBm-	n 20.00 dBm 30 dB : 1200/1200	Offset 7 SWT 22	.07 dB 🖷	RBW 100 kHz	Mode	Auto FFT.	1 Hoppi	2.40	-3.20 dBm 295000 GHz -55.26 dBm 006000/GHz
Spectrur Ref Level Att SGL Count 10 dBm	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB	RBW 100 kHz	Mode . M	Auto FFT 1[1] 2[1]	M4	2.40 2.40	-3.20 dBm 295000 GHz -55.26 dBm 000000(GHz
Spectrur Ref Level Att SGL Count 1Pk Max 1D dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm-	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB	RBW 100 kHz	Mode . M	Auto FFT 1[1] 2[1]		2.40 2.40	-3.20 dBm 295000 GHz -55.26 dBm 006000/GHz
Spectrur Ref Level Att SGL Count 10 dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm- -60 dBm-	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB	RBW 100 kHz	Mode . M	Auto FFT 1[1] 2[1]	M4	2.40 2.40	-3.20 dBm 295000 GHz -55.26 dBm 000000(GHz
Spectrur Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -50 dBm	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB	RBW 100 kHz	Mode . M	Auto FFT 1[1] 2[1]	M4	2.40 2.40	-3.20 dBm 295000 GHz -55.26 dBm 000000(GHz
Spectrur Ref Level Att SGL Count ID dBm	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB	RBW 100 kHz	Mode . M M	Auto FFT 1[1] 2[1]	M4	2.40 2.40 <u>H3</u> Kalu	-3.20 dBm 295000 GHz -55.26 dBm 000000(GHz
Spectrur Ref Level Att SGL Count 10 dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm- -60 dBm-	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB	RBW 100 kHz	Mode . M M	Auto FFT 1[1] 2[1]	M4	2.40 2.40 <u>H3</u> Kalu	-3.20 dBm 295000 GHz -55.26 dBm 000000(GHz
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2.30 Marker Type Re	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB .7,5 µs	RBW 100 kHz YBW 300 kHz	Mode . M M www.hu.hu.hu pts	Auto FFT	M4	2.40 2.40 <u>H3</u> Kalu	-3.20 dBm 295000 GHz -55.26 dBm 000000/GHz
Spectrur Ref Level Att SGL Count 1D dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2.30 Marker Type Re M1	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB .7.5 µs	RBW 100 kHz VBW 300 kHz	Mode M M m m m m pts n	Auto FFT	M4	2.40 2.40 	-3.20 dBm 295000 GHz -55.26 dBm 000000/GHz
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2.30 Marker Type Re	n 20.00 dBm 30 dB 1200/1200	Offset 7 SWT 22 dBm dBm dBm x-value 2.402t 2	.07 dB .7,5 µs	RBW 100 kHz YBW 300 kHz	Mode . 	Auto FFT	M4	2.40 2.40 	-3.20 dBm 295000 GHz -55.26 dBm 000000/GHz
Spectrur Ref Level Att SGL Count 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2.30 Marker Type Re M1 M2	120.00 dBm 30 dB 1200/1200	Offset 7 SWT 22 dBm dBm www.huylon.u/ c.4025 2.3	.07 dB .7.5 µs	RBW 100 kHz	Mode	Auto FFT	M4	2.40 2.40 	-3.20 dBm 295000 GHz -55.26 dBm 000000/GHz



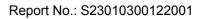


Att SGL Cou	nt 8000/	0 dB			RBW 100 kHz VBW 300 kHz		uto FFT			(U
●1Pk Ma	×	-1	1	-	Ĩ.	M	1[1]		-	-0.22 dBr
10 dBm-							1	i	2.47	800200 GH
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-10 dBm-		m	~	m		a may				
-10 06/1-				_		1		·		
-20 dBm-	-	-	-		-		-	-	-	-
100										
-30 dBm-				-	1		1			
-40 dBm-		_	_	_			some			
								1		-
-50 dBm-	-	-		_				Juntos	1	During
-60 dBm-									~~~	
-ob dbiii					1 .		1.000	1		
-70 dBm-		-		-	-		-	-		
CF 2.48	GHz				1001	pts			Spa	an 8.0 MHz
Spectr Ref Lev	um el 20.00	dBm	Offset 7.	07 dB 🖷	NT 3-DH5	z		1 Hoppii	ng Emi	ssion
Spectr Ref Lev Att SGL Cou	um el 20.00 3 int 1200/	dBm 0 dB	Offset 7.	07 dB 🖷		z		1 Hoppin	ng Emi	
Spectr Ref Lev Att	um el 20.00 3 int 1200/	dBm 0 dB	Offset 7.	07 dB 🖷	RBW 100 kH	z z Mode /		1 Hoppin		-0.18 dBr
Spectr Ref Lev Att SGL Cou 1Pk Ma 10 dBm-	um el 20.00 3 int 1200/	dBm 0 dB	Offset 7.	07 dB 🖷	RBW 100 kH	z z Mode A M	Auto FFT.	1 Hoppin	2.47	-0.18 dBr 785000 GH
Spectr Ref Lev Att SGL Cou 1Pk Ma 10 dBm- M1 0 dBm-	um el 20.00 3 int 1200/	dBm 0 dB	Offset 7.	07 dB 🖷	RBW 100 kH	z z Mode A M	Auto FFT	1 Hoppin	2.47	-0.18 dBr
Spectr Ref Lev Att SGL Cou 1Pk Ma 10 dBm- M1 0 dBm-	um el 20.00 3 int 1200/	dBm 0 dB	Offset 7.	07 dB 🖷	RBW 100 kH	z z Mode A M	Auto FFT.	1 Hoppin	2.47	-0.18 dBr 785000 GH -55.04 dBr
Spectr Ref Lev Att SGL Cou IPk Ma 10 dBm- 0 dBm- 10 dBm- 10 dBm-	um el 20.00 3 int 1200/ x	dBm 100 dB 11200	Offset 7.1 SWT 227	07 dB 🐞	RBW 100 kH	z z Mode A M	Auto FFT.	1 Hoppii	2.47	-0.18 dBr 785000 GH -55.04 dBr
Spectr Ref Lev Att SGL Cou 1Pk Ma 10 dBm- M1 0 dBm- M1 -10 dBm- -20 cBm-	um el 20.00 3 int 1200/ x	dBm 0 dB	Offset 7.1 SWT 227	07 dB 🐞	RBW 100 kH	z z Mode A M	Auto FFT.	1 Hoppin	2.47	-0.18 dBr 785000 GH -55.04 dBr
Spectr Ref Lev Att SGL Cou IPk Ma 10 dBm- 0 dBm- 10 dBm- 10 dBm-	um el 20.00 3 int 1200/ x	dBm 100 dB 11200	Offset 7.1 SWT 227	07 dB 🐞	RBW 100 kH	z z Mode A M	Auto FFT.	1 Hoppin	2.47	-0.18 dBr 785000 GH -55.04 dBr
Spectr Ref Lev Att SGL Cou 1Pk Ma 10 dBm- M1 0 dBm- M1 -10 dBm- -20 cBm-	um el 20.00 3 int 1200/ x	dBm 100 dB 11200	Offset 7.1 SWT 227	07 dB 🐞	RBW 100 kH	z z Mode A M	Auto FFT.	1 Hoppin	2.47	-0.18 dBr 785000 GH -55.04 dBr
Spectr Ref Lev Att SGL Cou 1Pk Ma 10 dBm- 0 dBm- 10 dBm- 10 dBm- 20 dBm- 30 dBm-	um el 20.00 3 int 1200/ x	dBm 0 dB 9 1200	Offset 7.1 SWT 227	07 dB	RBW 100 kH	Z Mode /	Auto FFT.		2.47 2.48	-0.18 dBr 785000 GH -55.04 dBr 350000 GH
Spectr Ref Lev Att SGL Cou 1Pk Ma 10 dBm- 0 dBm- 10 dBm- 20 dBm- -30 dBm- -30 dBm- -30 dBm-	um el 20.00 3 int 1200/ x 01 -21	dBm 0 dB 9 1200	Offset 7.1 SWT 227	07 dB	RBW 100 kH	Z Mode /	Auto FFT.	1 Hoppin	2.47 2.48	-0.18 dBr 785000 GH -55.04 dBr 350000 GH
Spectr Ref Lev Att SGL Cou PIPK Ma D dBm- U dBm- U dBm- -20 dBm- -30 dBm- -40 dBm- -60 dBm-	um el 20.00 3 int 1200/ x p1 -21	dBm 0 dB 9 1200	Offset 7.1 SWT 227	07 dB	RBW 100 kH	Z Mode /	Auto FFT.		2.47 2.48	-0.18 dBr 785000 GH -55.04 dBr 350000 GH
Spectr Ref Lev Att SGL Cou 1Pk Ma 10 dBm- 0 dBm- 10 dBm- 20 dBm- -30 dBm- -30 dBm- -30 dBm-	um el 20.00 3 int 1200/ x p1 -21	dBm 0 dB 9 1200	Offset 7.1 SWT 227	07 dB	RBW 100 kH	Z Mode /	Auto FFT.		2.47 2.48	-0.18 dBr 785000 GH -55.04 dBr 350000 GH
Spectr Ref Lev Att SGL Cou 10 dBm- 0 dBm- 0 dBm- 10 dBm- 20 dBm- -30 dBm- -30 dBm- -50 dBm- -70 dBm-	um el 20.00 3 int 1200/ x p1 -21	dBm 0 dB 9 1200	Offset 7.1 SWT 227	07 dB	RBW 100 kH	Z Mode A	Auto FFT.		2.47 2.48 ********	-0.18 dBr 785000 GH -55.04 dBr 350000 GH
Spectr Ref Lev Att SGL Cou 10 dBm- 0 dBm- 0 dBm- 10 dBm- 10 dBm- 20 dBm- -30 dBm- -50 dBm- -50 dBm- -70 dBm- -70 dBm-	um el 20.00 3 int 1200/ x 01 -21	dBm 0 dB 1200	Mis-	07 dB	RBW 100 kH	Z Mode /	Auto FFT.		2.47 2.48 (b)(m) ^{(m/Ld)(M)(m)} Stop	-0.18 dBr 785000 GH -55.04 dBr 350000 GH
Spectr Ref Lev Att SGL Cou 10 dBm- 10 dBm- 10 dBm- 10 dBm- 20 dBm- -30 dBm- -30 dBm- -30 dBm- -50 dBm- -70 dBm- Start 2. Marker Type] M1	um el 20.00 3 int 1200/ x D1 -21 2 2 476 GHz Ref Tro	dBm 0 dB 1200	Offset 7.1 SWT 227	07 dB 7.5 μs 000 000 000 000 000 000 000 000 000 0	RBW 100 kH VBW 300 kH	2 Z Mode / M M M M M M M	Auto FFT.		2.47 2.48 ********	-0.18 dBr 785000 GH -55.04 dBr 350000 GH
Spectr Ref Lev Att SGL Cou 10 dBm- 10 dBm- 10 dBm- 10 dBm- 20 dBm- -20 dBm- -30 dBm- -50 dBm- -70 dBm- Start 2. Marker Type	um el 20.00 3 mt 1200/ x D1 -2 0 476 GHz Ref Trc	dBm 0 dB 1200	0ffset 7.1 SWT 227	07 dB 7.5 μs 000 000 000 000 000 000 000 000 000 0	RBW 100 kH VBW 300 kH	2 Z Mode / M M M M C	Auto FFT.		2.47 2.48 (b)(m) ^{(m/Ld)(M)(m)} Stop	-0.18 dBr 785000 GH -55.04 dBr 350000 GH
Spectr Ref Lev Att SGL Cou 1Pk Ma 1D dBm- 0dBm- 10 dBm- 20 dBm- -10 dBm- -20 dBm- -30 dBm- -50 dBm- -50 dBm- -70 dBm- Start 2. Marker Type1 M2	um el 20.00 3 int 1200/ x D1 -21 2 2 476 GHz Ref Tro	dBm 1200	0ffset 7.1 SWT 227	07 dB 7.5 μs 5 GHz 5 GHZ 7 GH	RBW 100 kH VBW 300 kH	2 2 Mode / M M M M M M M S D S S S S S S S S S S S	Auto FFT.		2.47 2.48 (b)(m) ^{(m/Ld)(M)(m)} Stop	-0.18 dBr 785000 GH -55.04 dBr 350000 GH



8.9 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-46.21	-20	Pass
NVNT	1-DH5	2441	Ant1	-47.07	-20	Pass
NVNT	1-DH5	2480	Ant1	-47.61	-20	Pass
NVNT	2-DH5	2402	Ant1	-46.75	-20	Pass
NVNT	2-DH5	2441	Ant1	-46.11	-20	Pass
NVNT	2-DH5	2480	Ant1	-47.06	-20	Pass
NVNT	3-DH5	2402	Ant1	-46.52	-20	Pass
NVNT	3-DH5	2441	Ant1	-47.67	-20	Pass
NVNT	3-DH5	2480	Ant1	-45.15	-20	Pass





		Tx. Spurious	Test Gr NVNT 1-DI		7 Ant1 Ref		
Spectrum							₽
Ref Level		n Offset 5.97 dB	RBW 100 kHz				
Att	30 d			Mode Auto FFT			
SGL Count : 1Pk Max	100/100						
				M1[1]		-1,42	
10 dBm				1	1 1	2.4020371990	GHz
o ubiii							
) dBm	-			M1	-		
10 dBm					4		
20 dBm	1			-			= ::;
1							
30 d8m-						~	1
40 dBm							1
TO UDIT							
50 dBm							
60 dBm							
-70 dBm	_						
			1.0	-			
						Oran 1 F.	
CF 2.402 G	Hz		30001	pts		span 1.5	MHZ
	JLTx	. Spurious N	30001 /NT 1-DH5]	nt1 Emissio	Span 1.5 M	
Spectrum Ref Level	Tx 20.00 dBr	n Offset 5.97 dB	/NT 1-DH5	2402MHz A	-	111) 446	
Spectrum Ref Level Att	Tx 20.00 dBr 30 d	n Offset 5.97 dB	/NT 1-DH5	2402MHz A	-	111) 446	
Spectrum Ref Level Att SGL Count :	Tx 20.00 dBr 30 d	n Offset 5.97 dB	/NT 1-DH5	2402MHz A Mode Auto Swe	-	on	
Spectrum Ref Level Att SGL Count 1 1Pk Max	Tx 20.00 dBr 30 d	n Offset 5.97 dB	/NT 1-DH5	2402MHz A	-	on -1.57	dBm
Spectrum Ref Level Att SGL Count 1 1Pk Max L0 dBm	Tx 20.00 dBr 30 d	n Offset 5.97 dB	/NT 1-DH5	2402MHz A Mode Auto Swe	-	-1.57 2.402070 -47.64	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 1 0 dBm 1	Tx 20.00 dBr 30 d	n Offset 5.97 dB	/NT 1-DH5	2402MHz A Mode Auto Swe	-	-1.57 2.402070	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 1Pk Max .0 dBm 0 dBm	Tx 20.00 dBr 30 d	n Offset 5.97 dB	/NT 1-DH5	2402MHz A Mode Auto Swe	-	-1.57 2.402070 -47.64	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 11Pk Max 0 dBm 10 dBm 10 dBm	Tx 20.00 dBr 30 d 10/10	n Offset 5.97 dB 8 SWT 265 ms	/NT 1-DH5	2402MHz A Mode Auto Swe	-	-1.57 2.402070 -47.64	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm	Tx 20.00 dBr 30 d 10/10	n Offset 5.97 dB 8 SWT 265 ms	/NT 1-DH5	2402MHz A Mode Auto Swe	-	-1.57 2.402070 -47.64	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 11Pk Max 10 dBm 10 dBm 20 dBm 30 dBm	Tx 20.00 dBr 30 d 10/10	n Offset 5.97 dB 8 SWT 265 ms	/NT 1-DH5	2402MHz A Mode Auto Swe 	-	-1.57 2.402070 -47.64	dBm GHz dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	Tx 20.00 dBr 30 d 10/10	n Offset 5.97 dB B SWT 265 ms	VNT 1-DH5 RBW 100 kHz VBW 300 kHz	2402MHz A Mode Auto Swe	-	-1.57 2.402070 -47.64 15.877589	dBm GHz dBm
Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	Tx 20,00 dBr 30 d 10/10	n Offset 5.97 dB 8 SWT 265 ms	VNT 1-DH5 RBW 100 kHz VBW 300 kHz	2402MHz A Mode Auto Swe 	-	-1.57 2.402070 -47.64	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 11Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm	Tx 20.00 dBr 30 d 10/10	n Offset 5.97 dB B SWT 265 ms	VNT 1-DH5 RBW 100 kHz VBW 300 kHz	2402MHz A Mode Auto Swe 	-	-1.57 2.402070 -47.64 15.877589	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 11Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm	Tx 20.00 dBr 30 d 10/10	n Offset 5.97 dB B SWT 265 ms	VNT 1-DH5 RBW 100 kHz VBW 300 kHz	2402MHz A Mode Auto Swe 	-	-1.57 2.402070 -47.64 15.877589	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm	Tx 20,00 dBr 30 d 10/10	n Offset 5.97 dB B SWT 265 ms	VNT 1-DH5 RBW 100 kHz VBW 300 kHz	2402MHz A Mode Auto Swe M1[1] M2[1] M2[1]	-	-1.57 2.402070 -47.64 15.877589	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 40 dBm 70 dBm 70 dBm 31 dBm 70 dBm 70 dBm 31 dBm 32 dBm 30 dBm	Tx 20.00 dBr 30 d 10/10 01 -21,422 M3	MA-MA-MA	VNT 1-DH5 RBW 100 kHz VBW 300 kHz	2402MHz A		-1.57 2.402070 -47.64 15.877589	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 40 dBm 70 dBm 70 dBm 31 dBm 70 dBm 70 dBm 31 dBm 32 dBm 30 dBm	Tx 20.00 dBr 30 d 10/10 01 -21,422 M3	n Offset 5.97 dB B SWT 265 ms	VNT 1-DH5 RBW 100 kHz VBW 300 kHz	2402MHz A		-1.57 2.402070 -47.64 15.877589	dBm GHz dBm
Spectrum Ref Level Att SGL Count 1Pk Max 1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 20 dBm 40 dBm 50 dBm 40 dBm 50 dBm 50 dBm 40 dBm 50 dBm 50 dBm 40 dBm 50 dBm 50 dBm 40 dBm 50 dBm	Tx 20,00 dBr 30 d 10/10 01 -21,422 M3 Lange 200 MHz MHz	m Offset 5.97 dB SWT 265 ms	VNT 1-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz S S S S S S S S S S S S S	2402MHz A Mode Auto Swe M1[1] M2[1] M2[1] pts Function		-1.57 2.402070 -47.64 15.877589	dBm GHz dBm
Spectrum Ref Level Att SGL Count 11Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 40 dBm 50 dBm 50 dBm 40 dBm 50 dBm 10 dBm	Tx 20,00 dBr 30 d 10/10 01 -21,422 M3 Lange 2014 M3 Lange 2014 Lange	n Offset 5.97 dB 8 SWT 265 ms 2 dBm M4 M M4 M M4 M M4 M M4 M M4 M M4 M M4	VNT 1-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz S S S S S S S S S S S S S S S S S S S	2402MHz A		-1.57 2.402070 -47.64 15.877589	dBm GHz dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 40 dBm 50 dBm 50 dBm 70 dBm 70 dBm 70 dBm 70 dBm 70 dBm 70 dBm 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tx 20,00 dBr 30 d 10/10 01 -21,422 M3 WHz VHIz	m Offset 5.97 dB B SWT 265 ms	VNT 1-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz S S S S S S S S S S S S S	2402MHz A		-1.57 2.402070 -47.64 15.877589	dBm GHz dBm



