



RADIO TEST REPORT FCC ID: 2AZYA-AX85

Product: Mobile Phone Trade Mark: ACER Model No.: SOSPIRO-AX85 Family Model: SOSPIRO-AX85-B, SOSPIRO-AX85-N Report No.: S23071306702001 Issue Date: Aug 10, 2023

Prepared for

Senwa Global International, S.A. de C.V.

Carretera Mexico-Toluca No. 5324 PBColonia El Yaqui Del.Cuajimalpa de Morelos, C.P. 05320 Ciudad de Mexico, Mexico

Prepared by

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1 TEST RESULT CERTIFICATION

Applicant's name:	Senwa Global International, S.A. de C.V.
Address:	Carretera Mexico-Toluca No. 5324 PBColonia El Yaqui Del.Cuajimalpa de Morelos, C.P. 05320 Ciudad de Mexico, Mexico
Manufacturer's Name::	Senwa Mobile China Ltd
Address:	A611, Languang technology building, No. 27, Gaoxin North 6th Road, songpingshan community, Xili street, Nanshan District, Shenzhen, Guangdong Province
Product description	
Product name:	Mobile Phone
Trade Mark:	ACER
Model and/or type reference :	SOSPIRO-AX85
Family Model:	SOSPIRO-AX85-B, SOSPIRO-AX85-N
Test Sample number	S230713067003

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

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

Date of Test	:	Jul 13, 2023 ~ Aug 10, 2023
Testing Engineer	:	Muhzi Lee
		(Mukzi Lee)
Authorized Signatory	:	Aless
		(Alex Li)





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

Remark:

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





3 FACILITIES AND ACCREDITATIONS

3.1 FACILITIES

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

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

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

3.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description	
CNAS-Lab.	: The 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	Occupied bandwidth	±3.7dB
5	All emissions, radiated(9KHz~30MHz)	±6dB
6	All emissions, radiated(30MHz~1GHz)	±2.64dB
7	All emissions, radiated(1GHz~6GHz)	±2.40dB
8	All emissions, radiated(>6GHz)	±2.52dB
9	Temperature	±0.5°C
10	Humidity	±2%





4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification				
Equipment	Mobile Phone			
Trade Mark	ACER			
FCC ID	2AZYA-AX85			
Model No.	SOSPIRO-AX85			
Family Model	SOSPIRO-AX85-B, SOSPIRO-AX85-N			
Model Difference	All the model are the same circuit and RF module, except the model names and colors. B is white, N is black.			
Operating Frequency	2402MHz~2480MHz			
Modulation	GFSK, π/4-DQPSK, 8-DPSK			
Number of Channels	79 Channels			
Antenna Type	PIFA Antenna			
Antenna Gain	-1.31dBi			
Adapter	Model: SGCH0018 Input: AC 100-240V~50-60Hz ,0.5A Output: DC 5V3A, DC 9V2A, 18W			
Battery	DC 3.87V, 5100mAh, 19.73Wh			
Power supply	DC 3.87V from battery or DC 5V from Adapter.			
HW Version	ums5121h10_V1.0			
SW Version	Acer_AX85_Ver01			

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.





		Certificate #4298.01		
Revision History				
Report No.	Version	Description	Issued Date	
S23071306702001	Rev.01	Initial issue of report	Aug 10, 2023	





5 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

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

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

Those data rates (1Mbps for GFSK modulation; 2Mbps for π /4-DQPSK modulation; 3Mbps for 8-DPSK modulation) were used for all test.

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

Carrier Frequency and Channel list:

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

Note: fc=2402MHz+k×1MHz k=0 to 78

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

For AC Conducted Emission			
Final Test Mode Description			
Mode 1 normal link mode			
Note: AO assure lies. Ose destad Esciences to take des assure income state to such			

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

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

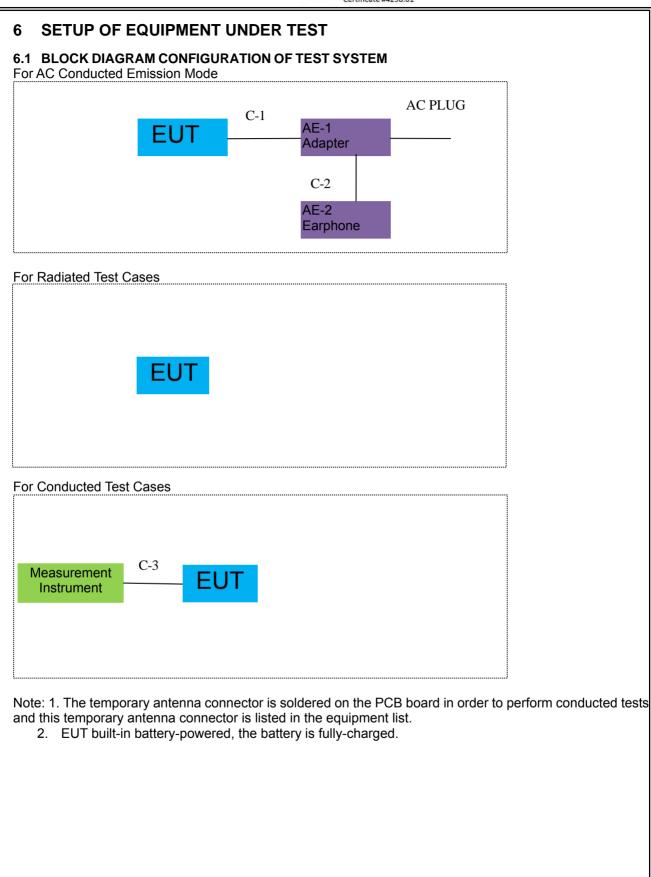
Note: For radiated test cases, the worst mode data rate 3Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission.

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

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











6.2 SUPPORT EQUIPMENT

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

Item	Equipment	Model/Type No.	Series No.	Note
AE-1	Adapter	SGCH0018	N/A	Peripherals
AE-2	Earphone	N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	USB Cable	YES	NO	1.0m
C-2	Earphone Cable	NO	NO	1.2m
C-3	RF Cable	YES	NO	0.1m

Notes:

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





6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation& Conducted Test equipment

adiation	Und Conducted	cot equipment					
	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Aglient	E4407B	MY45108040	2023.03.27	2024.03.26	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2023.05.29	2024.05.28	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2023.05.29	2024.05.28	1 year
4	Test Receiver	R&S	ESPI7	101318	2023.03.27	2024.04.26	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2023.03.16	2024.03.16	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2023.05.06	2026.05.05	3 year
7	Horn Antenna	SCHWARZBE CK	BBHA 9120 D	2816	2023.01.12	2024.01.11	1 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2022.11.07	2023.11.06	1 year
9	Amplifier	EMC	EMC051835 SE	980246	2023.05.29	2024.05.28	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2022.11.04	2023.11.03	1 year
11	Power Meter	DARE	RPR3006W	15I00041SN 084	2023.05.29	2024.05.28	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2022.06.17	2025.06.16	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2022.06.17	2025.06.16	3 year
14	High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2022.06.17	2025.06.16	3 year
15	Filter	TRILTHIC	2400MHz	29	2023.03.26	2026.03.25	3 year
16	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

Note:

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





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

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





7 TEST REQUIREMENTS

7.1 CONDUCTED EMISSIONS TEST

7.1.1 Applicable Standard

According to FCC Part 15.207(a)

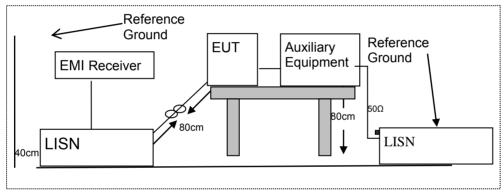
7.1.2 Conformance Limit

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

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

- 2. The lower limit shall apply at the transition frequencies
 - 3. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

7.1.3 Test Configuration



7.1.4 Test Procedure

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

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room.
- 2. The EUT was placed on a table which is 0.8m above ground plane.
- 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.
- Set the test-receiver system to Peak Detect Function and specified bandwidth(IF bandwidth=9KHz) with Maximum Hold Mode
- 9. For the actual test configuration, please refer to the related Item –EUT Test Photos.

7.1.5 Test Results

Pass





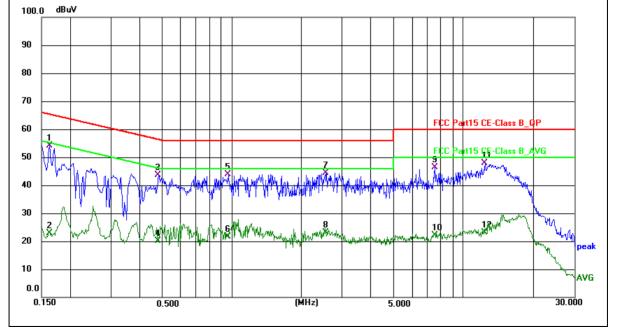
7.1.6 Test Results

EUT:	Mobile Phone	Model Name :	SOSPIRO-AX85
Temperature:	22 ℃	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domorik
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1620	43.68	10.38	54.06	65.36	-11.30	QP
0.1620	12.54	10.38	22.92	55.36	-32.44	AVG
0.4780	32.65	11.04	43.69	56.37	-12.68	QP
0.4780	9.15	11.04	20.19	46.37	-26.18	AVG
0.9620	32.03	11.94	43.97	56.00	-12.03	QP
0.9620	9.62	11.94	21.56	46.00	-24.44	AVG
2.5300	29.36	15.04	44.40	56.00	-11.60	QP
2.5300	7.98	15.04	23.02	46.00	-22.98	AVG
7.5060	36.41	10.03	46.44	60.00	-13.56	QP
7.5060	12.06	10.03	22.09	50.00	-27.91	AVG
12.3020	37.63	10.24	47.87	60.00	-12.13	QP
12.3020	13.00	10.24	23.24	50.00	-26.76	AVG

Remark:

1. All readings are Quasi-Peak and Average values. 2. Factor = Insertion Loss + Cable Loss.



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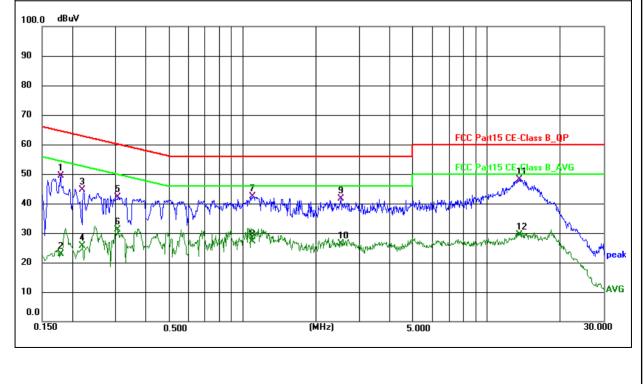
EUT:	Mobile Phone	Model Name :	SOSPIRO-AX85
Temperature:	25 ℃	Relative Humidity:	62%
Pressure:	1010hPa	Phase :	N
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1780	38.93	10.34	49.27	64.58	-15.31	QP
0.1780	12.64	10.34	22.98	54.58	-31.60	AVG
0.2195	34.28	10.32	44.60	62.84	-18.24	QP
0.2195	15.20	10.32	25.52	52.84	-27.32	AVG
0.3060	31.63	10.50	42.13	60.08	-17.95	QP
0.3060	20.71	10.50	31.21	50.08	-18.87	AVG
1.0940	30.31	12.19	42.50	56.00	-13.50	QP
1.0940	14.92	12.19	27.11	46.00	-18.89	AVG
2.5260	26.63	15.04	41.67	56.00	-14.33	QP
2.5260	11.27	15.04	26.31	46.00	-19.69	AVG
13.5660	37.99	10.26	48.25	60.00	-11.75	QP
13.5660	19.23	10.26	29.49	50.00	-20.51	AVG

Remark:

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

2. Factor = Insertion Loss + Cable Loss.







7.2 RADIATED SPURIOUS EMISSION

7.2.1 Applicable Standard

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

7.2.2 Conformance Limit

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

According to 1 CC 1 alt 15.20			
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
Γ	0.009~0.490	2400/F(KHz)	20 log (uV/m)	300
	0.490~1.705	24000/F(KHz)	20 log (uV/m)	30
	1.705~30.0	30	29.5	30
	30-88	100	40	3
	88-216	150	43.5	3
	216-960	200	46	3
	Above 960	500	54	3

Limits of Radiated Emission Measurement(Above 1000MHz)

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

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

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

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

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

For Frequency above 30MHz:

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

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



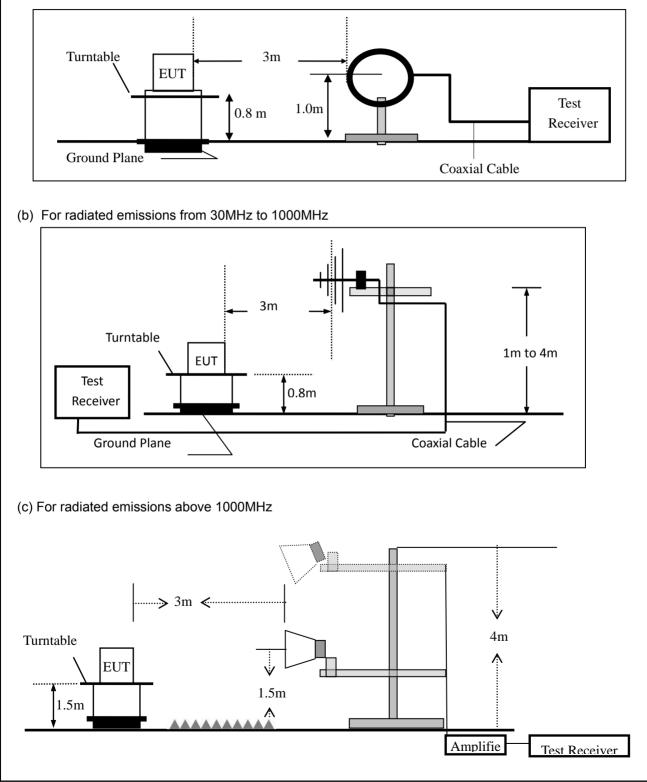


7.2.3 Measuring Instruments

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

7.2.4 Test Configuration

(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 to	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						
Ah awa 4000	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:	Mobile Phone	Model No.:	SOSPIRO-AX85
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee

Freq.	Ant.Pol.	Emission L	.evel(dBuV/m)	Limit 3	m(dBuV/m)	Over(dB) PK AV		
(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: SOSPIRO-AX85 EUT: Mobile Phone Model Name : **25**℃ 55% Temperature: Relative Humidity: 1010hPa Test Mode: Pressure: Mode 4 Test Voltage : DC 3.87V Emission Meter Frequency Factor Limits Margin Polar Reading Level Remark (H/V) (MHz) (dBuV) (dB) (dBuV/m) (dBuV/m) (dB) V 40.5591 9.28 14.07 23.35 40.00 -16.65 QP V 46.0162 6.56 14.93 21.49 40.00 -18.51 QP 3.90 12.84 16.74 -26.76 QP V 106.0126 43.50 -22.32 QP V 150.5377 11.89 9.29 21.18 43.50 V 176.8874 10.94 10.58 21.52 43.50 -21.98 QP V 744.8660 6.38 21.22 27.60 46.00 -18.40 QP Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit dBuV/m 72.0 62 CC Part15 RE-Class B_30-1000MHz 52 Margin -6 d 42 32 ŝ 22 multinhight X Hand Mark Mark 12 2 -8 30.000 (MHz) 1000.000 60.00 300.00

NTEK 北测[®]



Polar	Frequ	ency		Mete eadi		Facto	or E	miss Lev		n	Limi	ts	Ма	argin	R	emarl
(H/V)	(MH	lz)	(dBu'	V)	(dB)) (0	lBu\	//m)	(dBuV	/m)	(0	dB)		
Н	45.3	753		2.10)	14.86	3	16.96			40.00		-23.04			QP
Н	48.3	316		1.69)	15.16	6	16.8	35		40.0	0	-2	3.15		QP
Н	102.3	596		4.16	3	13.03	3	17.1	19		43.5	0	-2	6.31		QP
Н	116.5	400		6.40)	11.5	5	17.9	95		43.5	0	-2	5.55		QP
Н	312.1	792		5.49		14.44		19.9			46.0	0	-2	6.07		QP
H Remarl	884.5	027		1.29)	23.0	5	24.3	34		46.0	0	-2	1.66		QP
	n Level= BuV/m										-				\top	
62															_	$\left - \right $
52				_				_			FCC Part15 Margin -6 d		⊧\$ B_30	1000MH	z	$+\mathbf{f}$
42				╞				4								
32				Ļſ											_	+
22	12			_	3	4		-					man	antwin	kter and the	6 • • • • • •
12	NA MAN	www	way "	w	3	www.www.	Khan Lath	hand	a.a.	Mhu	Mundum	har way			+	$\left \right $
2															_	$\left \right $
-8		60.0					(MHz)				300.00					1000.000





Spurious E EUT:		le Phone			lel No.:		sos	PIRO-AX	(85	
Temperature:	20 ℃				tive Humidity: 48%			-		
Test Mode:	-		de3/Mode4 Test By:					zi Lee		
All the modulation					-	lt was			<u>،</u> ۸۷	
	on moue.	Shave L		a, ana m		n wat	repo		J V V .	
Frequency	Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	Lin	nits	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµ	IV/m)	(dB)	- Roman	Common
	× 1 /	()	Low Chanr	nel (2402	MHz)(8-DPSI		,	. ,		
4804	68.38	5.21	35.59	44.30	64.88	74	.00	-9.12	Pk	Vertical
4804	47.96	5.21	35.59	44.30	44.46	54	.00	-9.54	AV	Vertical
7206	68.14	6.48	36.27	44.60	66.29	74	.00	-7.71	Pk	Vertical
7206	50.22	6.48	36.27	44.60	48.37	54	.00	-5.63	AV	Vertical
4804	68.86	5.21	35.55	44.30	65.32	74.00		-8.68	Pk	Horizontal
4804	49.2	5.21	35.55	44.30	45.66	54.00		-8.34	AV	Horizontal
7206	69.25	6.48	36.27	44.52	67.48	74.00		-6.52	Pk	Horizontal
7206	45.59	6.48	36.27	44.52	43.82	54.00		-10.18	AV	Horizontal
			Mid Chann	el (2441	MHz)(8-DPSI	K)Ab	ove 10	G		
4882	69.43	5.21	35.66	44.20	66.10	74.00		-7.90	Pk	Vertical
4882	45.69	5.21	35.66	44.20	42.36	54	.00	-11.64	AV	Vertical
7323	69.33	7.10	36.50	44.43	68.50	74	.00	-5.50	Pk	Vertical
7323	45.49	7.10	36.50	44.43	44.66	54	.00	-9.34	AV	Vertical
4882	70.82	5.21	35.66	44.20	67.49	74	.00	-6.51	Pk	Horizontal
4882	46.05	5.21	35.66	44.20	42.72	54	.00	-11.28	AV	Horizontal
7323	69.13	7.10	36.50	44.43	68.30	74	.00	-5.70	Pk	Horizontal
7323	48.94	7.10	36.50	44.43	48.11	54	.00	-5.89	AV	Horizontal
	1		ligh Chann	el (2480	MHz)(8-DPS	K) Al	oove 1	G		
4960	68.01	5.21	35.52	44.21	64.53	74	.00	-9.47	Pk	Vertical
4960	46.92	5.21	35.52	44.21	43.44	54	.00	-10.56	AV	Vertical
7440	70.54	7.10	36.53	44.60	69.57	74	.00	-4.43	Pk	Vertical
7440	50.78	7.10	36.53	44.60	49.81	54	.00	-4.19	AV	Vertical
4960	69.52	5.21	35.52	44.21	66.04	74	.00	-7.96	Pk	Horizontal
4960	45.89	5.21	35.52	44.21	42.41	54	.00	-11.59	AV	Horizontal
7440	68.16	7.10	36.53	44.60	67.19	74	.00	-6.81	Pk	Horizontal
7440	47.61	7.10	36.53	44.60	46.64	54	.00	-7.36	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 I	Emission ir	n Restric	ted Band	2310-239	0MHz and 2	2483.5-2	500MHz			
EUT	Т:	Mobile Ph	one		Mode	el No.:	SO	SPIRO-AX	85		
Ten	nperature:	erature: 20 °C Relative H					y: 48%	48%			
Tes	t Mode:	Mode2/ M	ode4		Test	By:	Mu	kzi Lee			
All	the modula	ation mode	es have	been teste	ed, and th	e worst resi	ult was re	port as bel	ow:		
F	Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment	
	(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m) (dB)	Туре		
				3N	lbps(8-DP	SK)-Non-hop	ping				
	2310.00	68.13	2.97	27.80	43.80	55.10	74	-18.90	Pk	Horizontal	
	2310.00	49.77	2.97	27.80	43.80	36.74	54	-17.26	AV	Horizontal	
	2310.00	70.98	2.97	27.80	43.80	57.95	74	-16.05	Pk	Vertical	
	2310.00	46.09	2.97	27.80	43.80	33.06	54	-20.94	AV	Vertical	
	2390.00	69.88	3.14	27.21	43.80	56.43	74	-17.57	Pk	Vertical	
	2390.00	47.97	3.14	27.21	43.80	34.52	54	-19.48	AV	Vertical	
	2390.00	68.57	3.14	27.21	43.80	55.12	74	-18.88	Pk	Horizontal	
	2390.00	47.01	3.14	27.21	43.80	33.56	54	-20.44	AV	Horizontal	
	2483.50	68.61	3.58	27.70	44.00	55.89	74	-18.11	Pk	Vertical	
	2483.50	47.1	3.58	27.70	44.00	34.38	54	-19.62	AV	Vertical	
	2483.50	70.84	3.58	27.70	44.00	58.12	74	-15.88	Pk	Horizontal	
	2483.50	50.68	3.58	27.70	44.00	37.96	54	-16.04	AV	Horizontal	
				:	3Mbps(8-E	PSK)-hoppir	ng				
	2310.00	70.9	2.97	27.80	43.80	57.87	74	-16.13	Pk	Horizontal	
	2310.00	46.36	2.97	27.80	43.80	33.33	54	-20.67	AV	Horizontal	
	2310.00	68.85	2.97	27.80	43.80	55.82	74	-18.18	Pk	Vertical	
	2310.00	45.38	2.97	27.80	43.80	32.35	54	-21.65	AV	Vertical	
	2390.00	68.73	3.14	27.21	43.80	55.28	74	-18.72	Pk	Vertical	
	2390.00	48	3.14	27.21	43.80	34.55	54	-19.45	AV	Vertical	
	2390.00	68.78	3.14	27.21	43.80	55.33	74	-18.67	Pk	Horizontal	
	2390.00	47.08	3.14	27.21	43.80	33.63	54	-20.37	AV	Horizontal	
	2483.50	70.8	3.58	27.70	44.00	58.08	74	-15.92	Pk	Vertical	
	2483.50	49.08	3.58	27.70	44.00	36.36	54	-17.64	AV	Vertical	
	2483.50	70.5	3.58	27.70	44.00	57.78	74	-16.22	Pk	Horizontal	
	2483.50	47.36	3.58	27.70	44.00	34.64	54	-19.36	AV	Horizontal	

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





	Spurious E	Emission ir	n Restric	ted Band	326	60MHz	-18000MH	z					
ΕL	EUT: Mobile Phone					Model No.: S			SOSI	SOSPIRO-AX85			
Те	emperature: 20 °C					Relat	ive Humidit	y:	48%				
Те	Test Mode: Mode2/ Mode4					Test	By:		Mukz	i Lee			
Α	I the modula	ation mode	es have	been teste	ed, a	and th	e worst res	ult wa	is repo	ort as bel	low:		
	Frequency	Reading Level	Cable Loss	Antenna Factor		eamp actor	Emission Level	Lir	nits	Margin	Detector	Comment	
	(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµ	ıV/m)	(dB)	Туре		
	3260	68.52	4.04	29.57	4	4.70	57.43	7	'4	-16.57	Pk	Vertical	
	3260	47.31	4.04	29.57	4	4.70	36.22	54		-17.78	AV	Vertical	
	3260	70.3	4.04	29.57	4	4.70	59.21	74		-14.79	Pk	Horizontal	
	3260	47.62	4.04	29.57	4	4.70	36.53	54		-17.47	AV	Horizontal	
	3332	70.14	4.26	29.87	4	4.40	59.87	7	'4	-14.13	Pk	Vertical	
	3332	46.57	4.26	29.87	4	4.40	36.30	5	64	-17.70	AV	Vertical	
	3332	70.81	4.26	29.87	4	4.40	60.54	7	'4	-13.46	Pk	Horizontal	
	3332	47.8	4.26	29.87	4	4.40	37.53	5	54	-16.47	AV	Horizontal	
	17797	50.41	10.99	43.95	4	3.50	61.85	7	'4	-12.15	Pk	Vertical	
	17797	38.75	10.99	43.95	4	3.50	50.19	5	54	-3.81	AV	Vertical	
	17788	56.27	11.81	43.69	4	4.60	67.17	7	'4	-6.83	Pk	Horizontal	
	17788	37.87	11.81	43.69	4	4.60	48.77	5	54	-5.23	AV	Horizontal	

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





7.3 NUMBER OF HOPPING CHANNEL

7.3.1 Applicable Standard

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

7.3.2 Conformance Limit

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

7.3.3 Measuring Instruments

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

7.3.4 Test Setup

Please refer to Section 6.1 of this test report.

7.3.5 Test Procedure

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

7.3.6 Test Results

EUT:	Mobile Phone	Model No.:	SOSPIRO-AX85
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:	Mobile Phone	Model No.:	SOSPIRO-AX85
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:	Mobile Phone	Model No.:	SOSPIRO-AX85
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:	Mobile Phone	Model No.:	SOSPIRO-AX85
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:	Mobile Phone	Model No.:	SOSPIRO-AX85
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:	Mobile Phone	Model No.:	SOSPIRO-AX85
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 PIFA antenna (Gain: -1.31dBi). 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	0.405	83.835	207	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.66	215.8	130	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.912	247.52	85	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.399	78.603	197	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.65	211.2	128	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.896	269.328	93	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.396	81.576	206	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.645	213.85	130	31600	400	Pass
NVNT NVNT NVNT NVNT NVNT	1-DH5 2-DH1 2-DH3 2-DH5 3-DH1	2441 2441 2441 2441 2441 2441	Ant1 Ant1 Ant1 Ant1 Ant1 Ant1	2.912 0.399 1.65 2.896 0.396	247.52 78.603 211.2 269.328 81.576	85 197 128 93 206	31600 31600 31600 31600 31600	400 400 400 400 400	Pa: Pa: Pa: Pa: Pa:

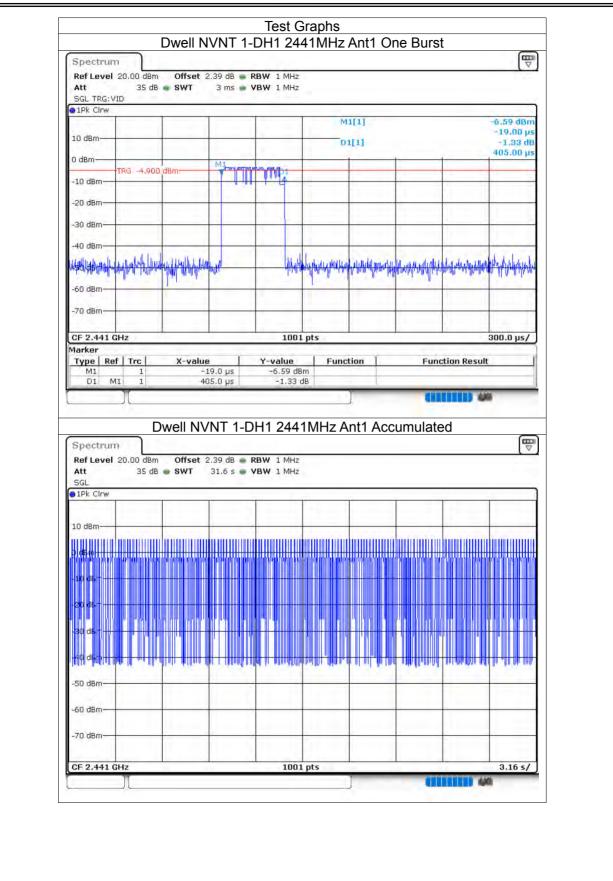




				Certificate #4298.01					
NVNT	3-DH5	2441	Ant1	2.904	235.224	81	31600	400	Pass

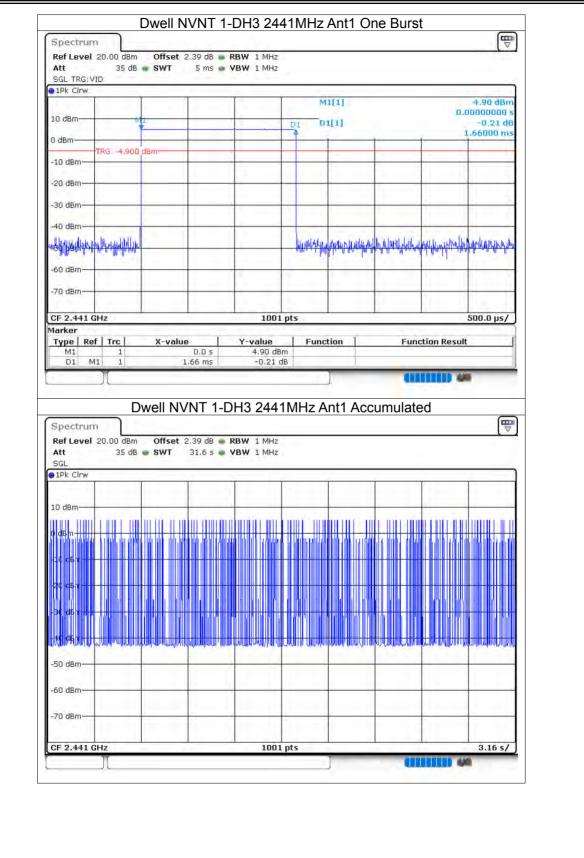












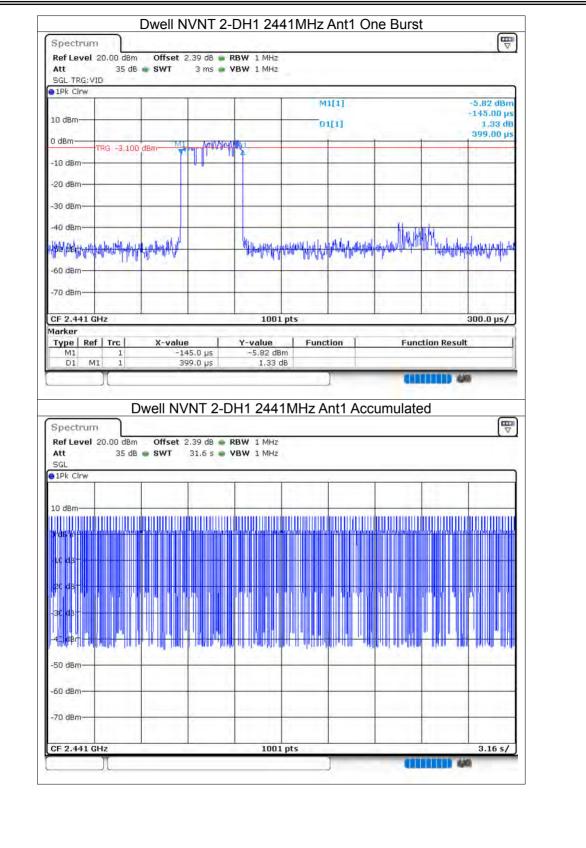




Att 35 dB SWT SGL TRG: VID	8 ms 🐞 VBW 1 MHz			
1Pk Cirw	1 1	M1[1]		4.81 dBm
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-10 dBm				
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				1.
-30 dBm-			· · · · · · · · · · · · · · · · · · ·	1 1 m C
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independent for the second s	ուղե	when have a state that we have the	Halippinghermonikanunghippi	Manuk Andrew
-60 dBm				
-70 dBm			·	
CF 2.441 GHz	1001 pt			800.0 µs/
Marker	1001 p	3		
Type Ref Trc X-val	ue Y-value 0.0 s 4.81 dBm	Function	Function Res	ult
	2.912 ms -0.13 dB			
Π			CHRISTING	()#
	VNT 1-DH5 2441N	/IHZ ANT'I ACC	umulated	
	-			
Spectrum				₽
Spectrum	2.39 dB ● RBW 1 MHz 31.6 s ● VBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB 💣 SWT SGL	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB 💣 SWT SGL	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL PIPk Clrw	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL PIPk Clrw	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 10 dBm 0 dBm 0 dBm 0 dBm 0 dBm -20 dBm -20 dBm	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	: 2.39 dB 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 10 dBm 10 dBm 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm -20 dBm 10 dBm 10 dBm 10 dBm	 2.39 dB • RBW 1 MHz 31.6 s • VBW 1 MHz 			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL IPk Clrw ID dBm 10 dBm ID dBm ID dBm -10 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -10 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm	 2.39 dB • RBW 1 MHz 31.6 s • VBW 1 MHz 			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 10 dBm 10 dBm 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm -20 dBm 10 dBm 10 dBm 10 dBm	 2.39 dB • RBW 1 MHz 31.6 s • VBW 1 MHz 			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL IPk Clrw ID dBm 10 dBm ID dBm ID dBm -10 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -10 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm	 2.39 dB • RBW 1 MHz 31.6 s • VBW 1 MHz 			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL IPk Cirw ID dBm 10 dBm ID dBm ID dBm -10 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -60 dBm ID dBm ID dBm	 2.39 dB • RBW 1 MHz 31.6 s • VBW 1 MHz 			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL IPk Clrw ID dBm 10 dBm 0 ID -10 dBm ID ID -20 dBm ID ID -20 dBm ID ID -50 dBm ID ID	 2.39 dB • RBW 1 MHz 31.6 s • VBW 1 MHz 			
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL IPk Clrw ID dBm 10 dBm ID dBm ID dBm -10 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -60 dBm ID dBm ID dBm	 2.39 dB • RBW 1 MHz 31.6 s • VBW 1 MHz 			3.16 s/
Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL IPk Clrw ID dBm 10 dBm ID dBm ID dBm -10 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -20 dBm ID dBm ID dBm -70 dBm ID dBm ID dBm	2.39 dB • RBW 1 MHz 31.6 s • YBW 1 MHz			3.16 s/











SGL TRG: V 1Pk Clrw	112								
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-60 dBm		1			-		-	1	
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Tuno Do				-5.54 dBr		cion	Tune	cion kesui	
Type Re M1	1	-2	25.0 μs						
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M1 D1 M	11 1 D 0 20.00 dBm	well NV	.65 ms	2.09 d H3 2441 BW 1 MHz	B] nt1 Acc	umulate	ed	
M1 D1 M Spectrum Ref Level Att SGL	11 1 D 0 20.00 dBm	well NV	.65 ms /NT 2-DI	2.09 d H3 2441 BW 1 MHz	B	nt1 Acc	umulate	ed	
M1 D1 M Spectrum Ref Level Att SGL	11 1 D 0 20.00 dBm	well NV	.65 ms /NT 2-DI	2.09 d H3 2441 BW 1 MHz	B	nt1 Acc		ed	
M1 D1 M Ref Level Att SGL 1Pk Clrw	11 1 D 0 20.00 dBm	well NV	.65 ms /NT 2-DI	2.09 d H3 2441 BW 1 MHz	B	nt1 Acc	umulate	ed	
M1 D1 M Ref Level Att SGL 1Pk Clrw	11 1 D 0 20.00 dBm	well NV	.65 ms /NT 2-DI	2.09 d H3 2441 BW 1 MHz	B	nt1 Acc		ed	
M1 D1 M Ref Level Att SGL 1Pk Clrw	11 1 D 0 20.00 dBm	well NV	.65 ms /NT 2-DI	2.09 d H3 2441 BW 1 MHz	B	nt1 Acc		ed	
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M1 D1 M Spectrum Ref Level Att SGL • 1Pk Clrw • 1Pk Clrw • 1Pk Clrw • 10 dBm • 1Pk Clrw • 10 dBm • 19k Clrw • 10 dBm • 20 dBm •	11 1 D 20.00 dBm 35 dB	-2 1 well NV Offset 2 • SWT	.65 ms NT 2-DI 2.39 dB • R 31.6 s • Y	2.09 d H3 2441 BW 1 MHz BW 1 MHz	IMHz A				
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M1 D1 M Spectrum Ref Level Att SGL 1Pk Clrw 10 dBm -1C dBm -2C dBm -3T dBm -50 dBm	11 1 D 20.00 dBm 35 dB	-2 1 well NV Offset 2 • SWT	.65 ms NT 2-DI 2.39 dB • R 31.6 s • Y	2.09 d H3 2441 BW 1 MHz BW 1 MHz	IMHz A				
M1 D1 M Ref Level Att SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm -36 dBm -50 dBm -60 dBm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 1 well NV Offset 2 • SWT	.65 ms NT 2-DI 2.39 dB • R 31.6 s • Y	2.09 d H3 2441 BW 1 MHz BW 1 MHz					





●1Pk Clrw	1	1	-	M1[[1]			-4.49 dBm
10 dBm				01[-144.00 µs 0.41 dB
0 dBm	CR. L. Martin Charleston	Dahaharitat Ushale	artes estimates	DI	.44	_	3	2.89600 ms
-10 dBm-	200 dBm	Nutration	4					
-20 dBm		1.000	1 A		1	1		1.000
-30 dBm		1			1			1
			<u>}</u>	_				1 Č
-40 dBm		1	ulika	W/haderhood and a	desention of the other	erview of Malaasti	habild cell man	alle Manifette en 1104 A
			line.	an tradition of the second second	at a a hear to a	n nolls hada	Rother of a flor rate	and the others is the
-60 dBm		1						
-70 dBm			1		1		1	
CF 2.441 GHz	4		1001	L pts		-		800.0 µs/
Marker			Y-value	Functio	on 1	Func	tion Result	
Type Ref Trc	X-valu							
Type Ref Trc M1 1 1 D1 M1 1	-1	44.0 µs .896 ms	-4.49 dB 0.41 (яв)	nt1 Accu	umulate	ed	
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M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL	Dwell N	44.0 μs .896 ms /NT 2-D 2.39 dB • F	-4.49 dB 0.41 d H5 244	яв)	nt1 Accu	umulate	:d	
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL	Dwell N	44.0 μs .896 ms /NT 2-D 2.39 dB • F	-4.49 dB 0.41 d H5 244	яв)	nt1 Accu		ed	
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL • 1Pk Clrw	Dwell N	44.0 μs .896 ms /NT 2-D 2.39 dB • F	-4.49 dB 0.41 d H5 244	яв)	nt1 Accu	umulate	ed	
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL • 1Pk Clrw	Dwell N	44.0 μs .896 ms /NT 2-D 2.39 dB • F	-4.49 dB 0.41 d H5 244	яв)			ed	
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL • 1Pk Clrw	Dwell N	44.0 μs .896 ms /NT 2-D 2.39 dB • F	-4.49 dB 0.41 d H5 244	яв)			ed	
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL 10 dBm 10 dBm -10 dB -10 dB	-1 2 Dwell N Bm Offset dB • SwT	44.0 μs .896 ms /NT 2-D 2.39 dB • F	-4.49 dB 0.41 d H5 244 RBW 1 MHz /BW 1 MHz	1MHz An			ed	
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL 9 1Pk Clrw	-1 2 Dwell N Bm Offset dB • SwT	44.0 μs .896 ms /NT 2-D 2.39 dB • F	-4.49 dB 0.41 d H5 244	яв)			ed	
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL 10 dBm 10 dBm -10 dB -10 dB	-1 2 Dwell N Bm Offset dB • SwT	44.0 µs 896 ms /NT 2-D 2.39 dB ● F 31.6 s ● V	-4.49 dB 0.41 d H5 244 RBW 1 MHz /BW 1 MHz	1MHz An				
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL • 1Pk Clrw 10 dBm -10 dBm -20 dB -20 dB -	-1 2. Dwell N\ Bm Offset dB • SWT	44.0 µs 896 ms /NT 2-D 2.39 dB ● F 31.6 s ● V	-4.49 dB 0.41 d H5 244 RBW 1 MHz /BW 1 MHz	1MHz An				
M1 1 D1 M1 1 Spectrum Image: Construction of the second	-1 2. Dwell N\ Bm Offset dB • SWT	44.0 µs 896 ms /NT 2-D 2.39 dB ● F 31.6 s ● V	-4.49 dB 0.41 d H5 244 RBW 1 MHz /BW 1 MHz	1MHz An				
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL 1Pk Clrw 10 d8m 0 c3rh -LC d8 - -20 d8 - -20 d8 - -40	-1 2. Dwell N\ Bm Offset dB • SWT	44.0 µs 896 ms /NT 2-D 2.39 dB ● F 31.6 s ● V	-4.49 dB 0.41 d H5 244 RBW 1 MHz /BW 1 MHz	1MHz An				
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL 1Pk Clrw 10 dBm CG3rh 20 dB -LC dB -20 dB -20 dB -50 dBm	-1 2. Dwell N\ Bm Offset dB • SWT	44.0 µs 896 ms /NT 2-D 2.39 dB ● F 31.6 s ● V	-4.49 dB 0.41 d H5 244 RBW 1 MHz /BW 1 MHz	1MHz An				
M1 1 D1 M1 1 Spectrum Ref Level 20.00 d Att 35 SGL 1Pk Clrw 10 d8m 	-1 2. Dwell N\ Bm Offset dB • SWT	44.0 µs 896 ms /NT 2-D 2.39 dB ● F 31.6 s ● V	-4.49 dB 0.41 d H5 244 RBW 1 MHz /BW 1 MHz	IMHz An				

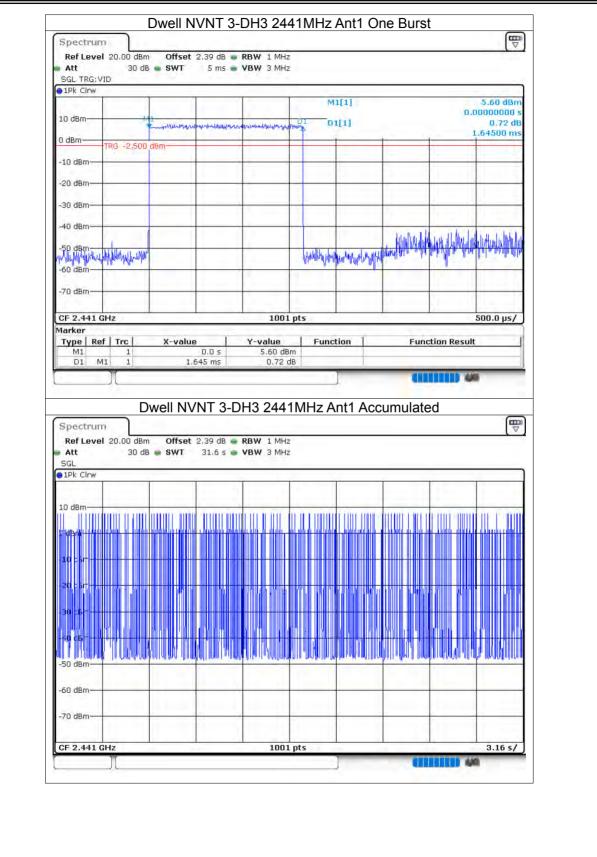




Att SGL TRG: V		swt 🔹	2.39 dB 🐞 R 3 ms 🏚 V	BW 1 MHz					
•1Pk Clrw			-	-	M	1[1]			-5.51 dBm
10 dBm			· · · · · · · · · · · · · · · · · · ·			1[1]			-28.00 µs 2.42 dB
0 dBm	TRG -2.700	dD ex	Margan Nd	NUMBER OF THE OWNER		1			396.00 µs
-10 dBm	TRG -4.700	ubm		n					
-20 dBm						1.000	1.	1	1.000
-30 dBm									
-40 dBm									
hoorthe hit white	testing the second		M	Martin	and the state of t	Aller And Aller	W HALLANA	led her her all any	WHIT AND AND
-60 dBm								1.0	
-70 dBm				-					
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Marker									
Type Re M1	f Trc 1	X-value -2	e 28.0 μs	Y-value -5.51 di	Func Bm	tion	Fund	tion Result	t
D1 M			96.0 µs	2,42					
1][]				2)	CII		
	D	well NV		H1 244	1MH7 A	nt1 Acc	umulate	h	
Coosteuro		well NV	'NT 3-D	H1 244	1MHz A	nt1 Acc	umulate	ed	
			'NT 3-D			nt1 Acc	umulate	d	
Ref Level Att	n 20.00 dBm	Offset 2		BW 1 MHz	0	nt1 Acc	umulate	ed	
Ref Level Att SGL	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	Int1 Acc	umulate	ed	
Ref Level Att SGL 1Pk Clrw	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc	umulate	ed	
Att SGL	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc		ed	
Ref Level Att SGL 1Pk Cirw	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc	umulate	ed	
Ref Level Att SGL 1Pk Cirw	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc		ed	
Ref Level Att SGL 1Pk Cirw	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc	umulate	ed	
Ref Level Att SGL 1Pk Cirw	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc	umulate	ed	
Ref Level Att SGL 1Pk Clrw	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc			
Ref Level Att SGL • • 1Pk Clrw • 10 dBm • •	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc			
Ref Level Att SGL 1Pk Clrw 10 dBm 0 ctort clubb -12 dB	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc			
Ref Level Att SGL 1Pk Clrw 10 dBm 0 ctort clubb -12 dB	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc		ed	
Ref Level Att SGL 1Pk Clrw 10 dBm 0 vdan 2000 -L2 dB - -80 dB - -80 dB - -40 dB -	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc			
Ref Level Att SGL 1Pk Clrw 10 dBm 0 dbm 0 dbm 0 dbm -12 db - -80 db - -50 dBm -60 dBm	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc			
Ref Level Att SGL 1Pk Clrw 10 dBm 80 dBm -12 dBm -80 dBm -90 dBm	n 20.00 dBm	Offset 2	2.39 dB 🖷 R	BW 1 MHz	0	nt1 Acc			
Ref Level Att SGL 1Pk Clrw 10 dBm 0 cdrn 4 0	20.00 dBm 35 dB	Offset 2	2.39 dB 🖷 R	RBW 1 MHz /BW 1 MHz		nt1 Acc		ed	
Ref Level Att SGL 1Pk Clrw 10 dBm 0 dbm 0 dbm 0 dbm -12 db - -80 db - -50 dBm -60 dBm	20.00 dBm 35 dB	Offset 2	2.39 dB 🖷 R	RBW 1 MHz /BW 1 MHz	0	nt1 Acc		ed	3.16 s/











SGL TRG: VID 1Pk Clrw				
		M1[1]		-6.42 dBm -32.00 µs
10 dBm		01[1]		3.52 dB
0 dBm THE -2.800 dBm	Wheel and the floor of the floor of the		1-1-	2.90400 ms
-10 dBm	A		1	
-10 dBm-				
-20 dBm				
-30 dBm-				
-40 dBm-	·			
r-ele-tell'perloundelor		man the line of the phile store of the	And Marks but manage	and the set of a state of the last
-30 GBM		1 0 100 0 00 0 1 0 1 1 0		and d
-60 dBm-				
-70 dBm				
CF 2.441 GHz Marker	1001	pts		800.0 µs/
Type Ref Trc X-valu		Function	Function F	tesult
M1 1 -	32.0 µs -6.42 dBn	n		
	904 ms 3.52 di			
			CININ	646
			aun	
D1 M1 1 2		B []	cumulated	
	904 ms 3.52 df	B []		
D1 M1 1 2 Dwell N	904 ms 3.52 df	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB • SWT	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell N Spectrum Ref Level 20.00 dBm Offset Att 35 dB • SWT SGL	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB • SWT	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell N Spectrum Ref Level 20.00 dBm Offset Att 35 dB • SWT SGL	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []		
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []		
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []		
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm 7dBm 10 dBm 20 dBm 20 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []		
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm 7dBm 10 dBm 20 dBm 20 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []		
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm -10 dBm -10 dBm -20 d	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm 7dBm 10 dBm 20 dBm 20 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm -10 dBm -10 dBm -20 d	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 20 dBm -30 dBm -30 dBm -30 dBm -50 dBm -60 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm 20 dBm -20 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	B []	cumulated	
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 10 dBm 10 dBm 20 dBm -0 dBm -50 dBm -60 dBm -70 dBm	904 ms 3.52 de /NT 3-DH5 2441 2.39 dB RBW 1 MHz 31.6 s VBW 1 MHz	MHz Ant1 Acc		
D1 M1 1 2 Dwell NV Spectrum Ref Level 20.00 dBm Offset Att 35 dB SWT SGL 1Pk Clrw 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 20 dBm -30 dBm -30 dBm -30 dBm -50 dBm -60 dBm	904 ms 3.52 dt /NT 3-DH5 2441 2.39 dB RBW 1 MHz	MHz Ant1 Acc		





8.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	4.88	21	Pass
NVNT	1-DH5	2441	Ant1	5.37	21	Pass
NVNT	1-DH5	2480	Ant1	5.92	21	Pass
NVNT	2-DH5	2402	Ant1	7.01	21	Pass
NVNT	2-DH5	2441	Ant1	7.55	21	Pass
NVNT	2-DH5	2480	Ant1	7.83	21	Pass
NVNT	3-DH5	2402	Ant1	7.43	21	Pass
NVNT	3-DH5	2441	Ant1	7.93	21	Pass
NVNT	3-DH5	2480	Ant1	8.04	21	Pass





Spectrum Ref Level Att SGL Count	20.00 dBm 35 dB		.38 dB 🐞 R 1 ms 📥 V		Mode Auto S	Sweep			
• 1Pk Max			1	î — î	-				d og dom
					MI[:			2,40	4,88 dBm 182020 GHz
10 dBm				Mi					
0 dBm		- en mon						_	
-10 dBm-									
Sto dBm				-					
-20 dBm		-	-						
-30 dBm								1.000	1 · · · · · · · · · · ·
-40 dBm									
-50 dBm									
-60 dBm								·	
-00 05/11-									
-70 dBm				-		-			
CF 2.402 0				1001				1	an 5.0 MHz
Spectrun	л			′NT 1-D⊦	15 2441N	1Hz Ant	1		
Spectrun	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	'NT 1-DF BW 2 MHz	15 2441N Mode Auto S	Sweep	1		
Spectrun Ref Level Att SGL Count	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	'NT 1-DF BW 2 MHz		Sweep	1	Z.44	
Spectrun Ref Level Att SGL Count	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,440	5,37 dBm
Spectrun Ref Level Att SGL Count 1Pk Max	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	'NT 1-DF BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2.440	5,37 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm- D dBm-	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,440	5,37 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,44	5,37 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm- D dBm-	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,440	5,37 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm- 10 dBm- -20 dBm-	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2.440	5,37 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm- 10 dBm-	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,44	5,37 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm- 10 dBm- -20 dBm-	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,440	5,37 dBm
Spectrum Ref Level Att SGL Count 10 dBm- 10 dBm- -20 dBm- -20 dBm- -30 dBm-	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2.440	5,37 dBm
Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,44	5,37 dBm
Spectrum Ref Level Att SGL Count 10 dBm- 0 dBm- 10 dBm- -20 dBm- -30 dBm- -40 dBm-	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,44	5,37 dBm
Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2.440	5,37 dBm
Spectrum Ref Level Att SGL Count 10 dBm	20.00 dBm 35 dB 100/100	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	15 2441N Mode Auto S	Sweep	1	2,44	5,37 dBm
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm	20.00 dBm 35 dB 100/100	Offset 2	.39 dB 💼 R	NT 1-DF BW 2 MHz BW 2 MHz	Mode Auto S	Sweep	1	Spe	5.37 dBm 085010 GHz

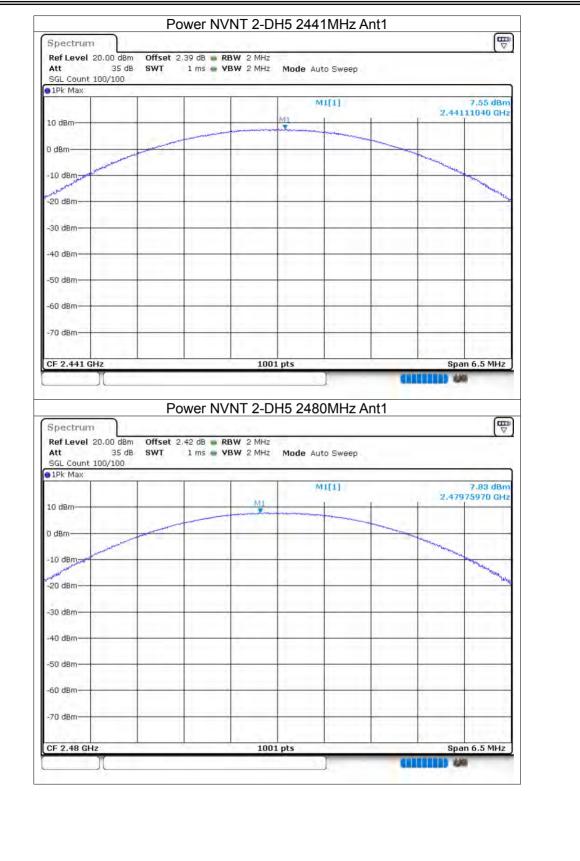




SGL Count 100/1	S dB SWT	2.42 dB 🐞 R 1 ms 🛖 Y		Mode Auto Sv	weep		
1Pk Max	1	1	1	M1[1]		-	5,92 dBm
				mate		2.47	990010 GHz
10 dBm			Mi				
0 dBm						-	
	-						
-10 dBm			-				
-20 dBm	-	-		-		-	-
-30 dBm-			-				1
-50 UDIII					_		
-40 dBm		-	-			-	
-50 dBm							
SU dum							
-60 dBm			-				
-70 dBm							
y or upin		1					
CF 2.48 GHz		1	1001	pts	ŀ	Sp	an 5.0 MHz
Spectrum Ref Level 20.00	dBm Offset	2.38 dB 🐞 R	BW 2 MHz	H5 2402M			
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	H5 2402M Mode Auto St	weep		7.01 dBm
Spectrum Ref Level 20.00 Att 3	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1) IPk Max 10 dBm-	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto Sv	weep	2.40	7.01 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1) IPk Max	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm- 0 dBm- -10 dBm-	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm -10 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm- 0 dBm- -10 dBm-	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm -10 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm- 0 dBm- -10 dBm- -10 dBm- -20 dBm-	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto St M1[1]	weep	2.40	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -10 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz BW 2 MHz	Mode Auto Sv M1[1] X1	weep		7:01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -10 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz	Mode Auto Sv M1[1] X1	weep	Sp	7.01 dBm 208440 GHz
Spectrum Ref Level 20.00 Att 3 SGL Count 100/1 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	dBm Offset 85 dB SWT	2.38 dB 🐞 R	BW 2 MHz BW 2 MHz	Mode Auto Sv M1[1] X1	weep	Sp	7.01 dBm 208440 GHz

















Spectrum			
Ref Level 20.00 dBm Offset 2.42 dB I Att 35 dB SWT 1 ms V SGL Count 100/100 SWT 1 ms V	RBW 2 MHz VBW 2 MHz Mode	Auto Sweep	
• 1Pk Max	20		
	M	M1[1]	8.04 dBm 2.47995450 GHz
10 dBm			
0 dBm			
-10 dBm			and the second s
-20 dBm-			The second secon
-30 dBm-			
-40 dBm			
-50 dBm			
			1 1
-60 dBm			
-70 dBm			
CF 2.48 GHz	1001 pts		Span 6.5 MHz





8.3 -20DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.96	Pass
NVNT	1-DH5	2441	Ant1	0.958	Pass
NVNT	1-DH5	2480	Ant1	1.026	Pass
NVNT	2-DH5	2402	Ant1	1.284	Pass
NVNT	2-DH5	2441	Ant1	1.322	Pass
NVNT	2-DH5	2480	Ant1	1.302	Pass
NVNT	3-DH5	2402	Ant1	1.288	Pass
NVNT	3-DH5	2441	Ant1	1.284	Pass
NVNT	3-DH5	2480	Ant1	1.28	Pass







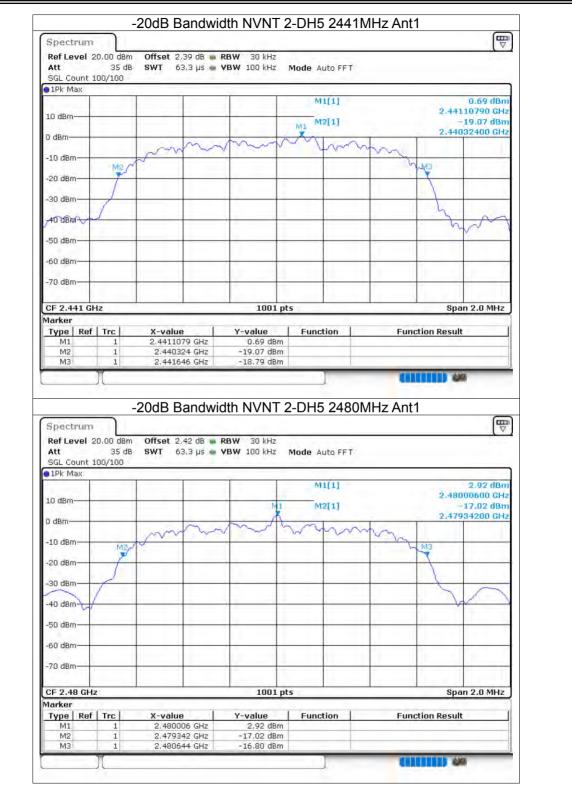






















Spect	rum						
Att		0.00 dBn 35 dB 00/100			Mode Auto FFT		
1Pk M	ах						
10 dBm	-				M1[1] M2[1]	2.4800160 -15.7	1 dBm
0 dBm-				tom	mil	2,4793444	00 GHz
-10 dBr	n	MZ	for the second			M3	-
-20 dBr	n	-/		-			
-30 dBr	n						
40 dBr	n	2		-			\sim
-50 dBr	n						-
-60 dBr	n				_		
-70 dBr	n		1	-			
CF 2.4	8 GHz	1		1001 pt:	5	Span 2.(D MHz
1arker							
Type M1	Ref	Trc 1	2.480016 GHz	Y-value 3.92 dBm	Function	Function Result	_
M2		1	2.479344 GHz	-15.71 dBm			
M3		1	2.480624 GHz	-15.93 dBm	-		



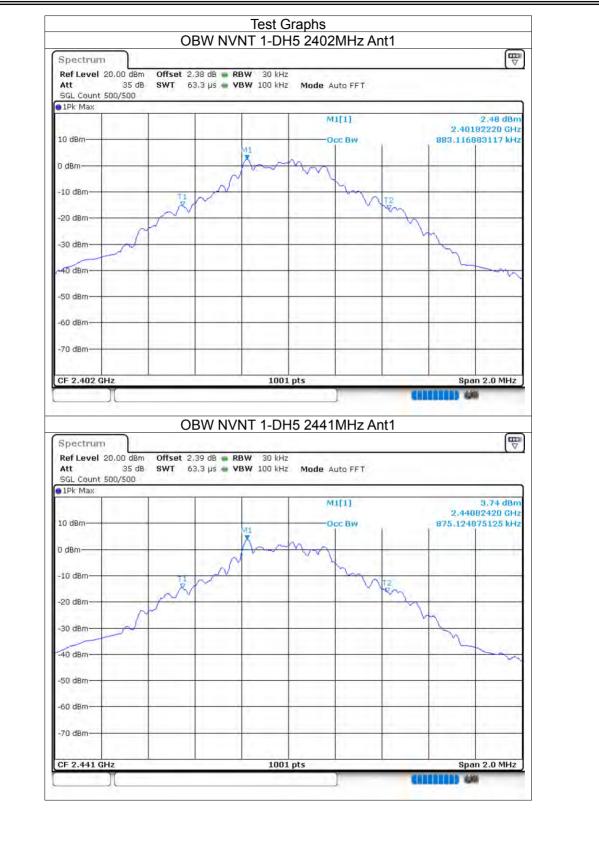


8.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.883
NVNT	1-DH5	2441	Ant1	0.875
NVNT	1-DH5	2480	Ant1	0.861
NVNT	2-DH5	2402	Ant1	1.185
NVNT	2-DH5	2441	Ant1	1.195
NVNT	2-DH5	2480	Ant1	1.187
NVNT	3-DH5	2402	Ant1	1.185
NVNT	3-DH5	2441	Ant1	1.189
NVNT	3-DH5	2480	Ant1	1.189



















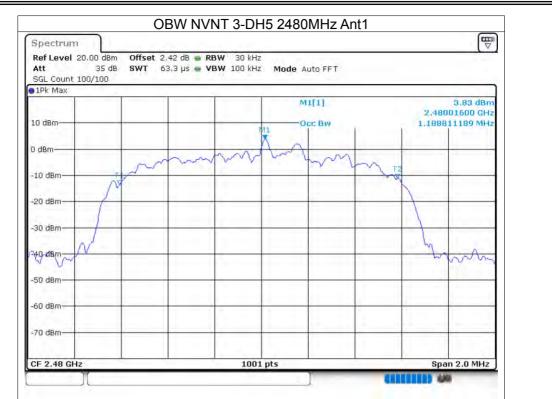
















8.5 CARRIER FREQUENCIES SEPARATION

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.824	2402.824	1	0.64	Pass
NVNT	1-DH5	Ant1	2440.822	2442.016	1.194	0.639	Pass
NVNT	1-DH5	Ant1	2479.044	2480.046	1.002	0.684	Pass
NVNT	2-DH5	Ant1	2401.99	2403.016	1.026	0.856	Pass
NVNT	2-DH5	Ant1	2440.894	2442.004	1.11	0.881	Pass
NVNT	2-DH5	Ant1	2479.064	2480.002	0.938	0.868	Pass
NVNT	3-DH5	Ant1	2401.998	2403.012	1.014	0.859	Pass
NVNT NVNT NVNT NVNT NVNT NVNT NVNT NVNT	3-DH5	Ant1	2440.965	2441.968	1.003	0.856	Pass
NVNT	3-DH5	Ant1	2479.01	2480.016	1.006	0.853	Pass







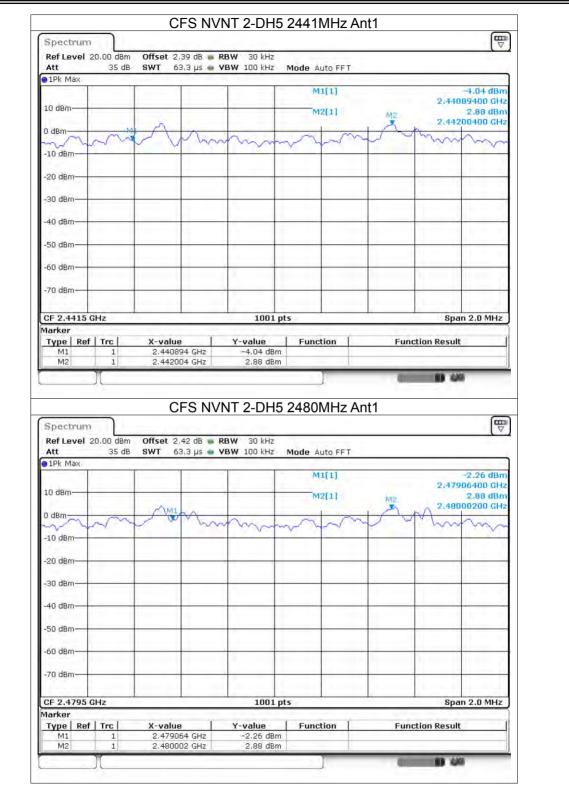












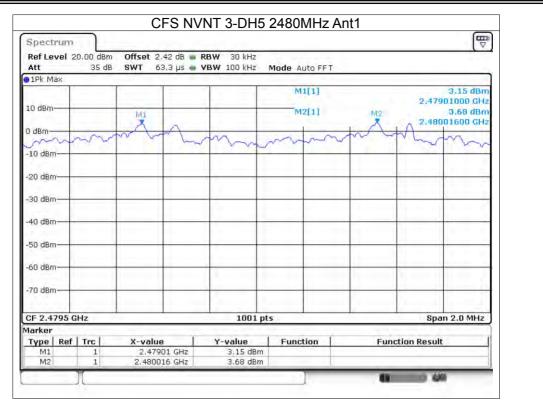
















8.6 NUMBER OF HOPPING CHANNEL

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





		Hoppir	ng No.	Test G NVNT 1	-DH5 24	402MH:	z Ant1		
Spectrum		1.77							
Ref Level 2 Att	20.00 dBm 35 dB			3W 100 kHz 3W 300 kHz	Mode Au	ito Sweep			
D1Pk Max									
					MI	(1)		2.40	3.77 dBm 018370 GHz
10 dBm	Sec. 1		LUCLER	12.000	M2		aboliting	0.0.0.0	4.76MBm
	MANAAAA		11111111	000000000000000000000000000000000000000	<u>ANNANAA A</u>	MAAAA	AARADDA		90249367GHz
<u>AMMANN</u>	NWW	VIVIANNI	WWWW	NAMAN	WWWWW	IV IVII III	(WWWWW	MANANAN	WWW
-1d dBm	* I		-		#1#+# *+	1			
-20 dBm	-			-		-	-	-	
-30 dBm			1 1		1	<u> </u>			
				· · · · · ·					
40 dBm					1.1			h	
50 dBm	_		-						Links
-60 dBm									
				1				h	
-70 dBm-				-					
Start 2.4 GH	47			1001	nts			Stop 7	.4835 GHz
larker	12			1001	pes			otop 2	. Tobo driz
M1 M2		2.401835 2.4802435 Hoppir	5 GHz	3.77 dBi 4.76 dBi NVNT 2	m	402MH	r z Ant1		10
M2 Spectrum		2.4802435 Hoppir	^{5 GHz}	4.76 dB	m	402MH	z Ant1		0 (₩
M2 Spectrum Ref Level 2 Att		2.4802435 Hoppin	5 GHz ng No. 8 db • Re	4.76 dB	-DH5 24	402MH:	z Ant1	Ŷ	0 (₩)
M2 Spectrum Ref Level 2 Att	1) 20.00 dBm	2.4802435 Hoppin	5 GHz ng No. 8 db • Re	4.76 dB NVNT 2 3W 100 kHz	-DH5 24 Mode Au		a z Ant1	ų	0.75 dBm
M2 Spectrum Ref Level 2 Att 1Pk Max	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2,4(0.75 dBm 016700 GHz
M2 Spectrum Ref Level 2 Att 1Pk Max	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MMRAA	0.75 dBm 016700 GHz
M2 Spectrum Ref Level 2 Att 1Pk Max 10 dBm- M1 M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	1 20.00 dBm 35 dB	2.4802435 Hoppin	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MM/RAR	0.75 dBm 016700 GHz
M2 Spectrum Ref Level 2 Att 1Pk Max 10 dBm- M1 M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MM/RAR	0.75 dBm 016700 GHz
M2 Spectrum Ref Level 2 Att 10 dBm 10 dBm 10 dBm	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MMRAA	0.75 dBm 016700 GHz
M2 Spectrum Ref Level 2 Att 10 dBm 10 dBm 10 dBm 20 dBm	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.46 MMRAR	0.75 dBm 016700 GHz
M2 Spectrum Ref Level 2 Att 10 dBm 10 dBm 20 dBm 80 dBm	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MM/RAR	0.75 dBm 016700 GHz
M2 Spectrum Ref Level 2 Att 10 dBm 10 dBm -10 dBm -20 dBm	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MM RAM	0.75 dBm 016700 GHz 1.96 dBm 40400 GHz
M2 Spectrum Ref Level 3 Att 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40	0.75 dBm 016700 GHz 1.96 dBm 40400 GHz
M2 Spectrum Ref Level 2 Att 10 dBm 10 dBm 20 dBm -0 dBm -0 dBm -0 dBm -0 dBm -0 dBm -0 dBm	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MM & AA	0.75 dBm 016700 GHz 1.96 dBm 40400 GHz
M2 Spectrum Ref Level 3 Att 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm 	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MM/RAA	0.75 dBm 016700 GHz 1.96 dBm 40400 GHz
M2 Spectrum Ref Level 3 Att 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm 	1 20.00 dBm 35 dB	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	-DH5 24 Mode Au	ito Sweep		2.40 MM RAA	0.75 dBm 016700 GHz 1.96 dBm 40400 GHz
M2 Spectrum Ref Level 3 Att 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm -50 dBm -50 dBm -70 dBm	1	2.4802433 Hoppin Offset 2.3 SWT	5 GHZ ng No. 8 dB • RE 1 ms • VE	4.76 dBi	m -DH5 24 Mode Au M1 M2 M4	ito Sweep			0.75 dBm 016700 GHz 1.96 dBm
M2 Spectrum Ref Level 3 Att 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 50 dBm 50 dBm 	1 20.00 dBm 35 dB	2.4802435	ng No.	4.76 dBi	m -DH5 24 Mode Au M1 M2 W//W/W			Stop 2	0.75 dBm 016700 GHz 1.96 dBm 414400 GHz
M2 Spectrum Ref Level 2 Att 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm -50 dBm -60 dBm	1 20.00 dBm 35 dB 42 4z	2.4802433	Ig No.	4.76 dBi	m -DH5 24 Mode Au M1 M2 M4 M4 M4 M2 M2 M4 M4 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2				0.75 dBm 016700 GHz 1.96 dBm 414400 GHz
M2 Spectrum Ref Level 2 Att 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm -50 dBm -50 dBm -70	1 20.00 dBm 35 dB	2.4802435	1g No. 8 dB • Re 1 ms • VI	4.76 dBi	m -DH5 24 Mode Au M1 M2 M2 M4 M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2			Stop 2	0.75 dBm 016700 GHz 1.96 dBm 19400 GHz





20 dBm				_	
	1			- 1 11	
80 dBm					
40 dBm					
50 dBm					- W
60 dBm	_				
70 dBm					
_				1 - 1	
start 2.4 GH arker	lz	 1001 p	ts		Stop 2.4835 GHz





8.7 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-54.81	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-58.02	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.45	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-57.52	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-56.08	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-60.39	-20	Pass





RefLevel 20.00 dBm Offset 2.38 dB Att 35 dB SWT 18.9 μs SGL Count 100/100			-Hopping Re	
		Section Sector		
	YBW 300 kHz r	1ode Auto FFT		
1Pk Max	7 1			
		M1[1]	2.0	4,48 dBm 0182420 GHz
LO dBm	M1			UIDE TEU UNE
	M	1.1.1.1.1.1.1		
) dBm				
10 dBm			· · · · · · · · · · · · · · · · · · ·	
		1		
20 dBm	1	1		
30 dBm				
40 dBm	M			
50 dBm	/			
monter		hon	mon	mon
60 dBm				
70 40-				
70 dBm				
CF 2.402 GHz	1001 pts			pan 8.0 MHz
Ref Level 20.00 dBm Offset 2.38 dB Att 35 dB SWT 227.5 μs SGL Count 500/500		Mode Auto FFT		
1Pk Max	20			
		M1[1]	2.4	4.37 dBm
2.72.5		M2[1]	4.0	0215000 CHz
LO dBm				0215000 GHz -54.68 Bm
10 dBm		=	2.4	
) dBm			2.4	-54.68 Bm
) dBm			2.4	-54.68 Bm
0 dBm			2.4	-54.68 Bm
0 dBm			2.4	-54.68 Bm
0 dBm	14			-54.68 Bm
0 dBm	14.			-54.68 (Bm 0000000 GHz
0 dBm	14.			-54.68 (Bm 0000000 GHz
0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 50 dBm	14.			-54.68 (Bm 0000000 GHz
) dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm	Muddinanananan	an Marta Ja Jacoba rady Nara	actual provide the Roman	-54.68 Bm 0000000 GHz
0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 60 dBm	14. Muchary Monana May uny 1001 pts	an Marta Ja Jacoba rady Nara	actual provide the Roman	-54.68 (Bm 0000000 GHz
) dBm 10 dBm 20 dBm 20 dBm 40 dBm 40 dBm 50 dBm 70 dBm	1001 pts	an Marta Ja Jacoba rady Nara	actual provide the Roman	-54.68 (Bm 0000000 GHz
) dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 70 dBm 70 dBm 70 dBm 70 dBm	1001 pts	authoria Japherikared yure	richard manual Manuar	-54.68 (Bm 0000000 GHz
) dBm 01 -15,519 dBm	1001 pts <u>Y-value</u> 4.37 dBm	authoria Japherikared yure	richard manual Manuar	-54.68 (Bm 0000000 GHz





	m Offset 2.42 dB 🐞 B SWT 18.9 µs 🖷		Mode Auto FFT			
1Pk Max	4.5	- · · ·				
			M1[1]			4.85 dBm
10 dBm		M		-1	2.479	96000 GHz
		1	2			
0 dBm				-		
-10 dBm		1	7			
-10 050						1
-20 dBm	-	-1/		-		
6 2 ··· · · · · · · ·						
-30 dBm		1				
-40 dBm		N	h			
		7				
-50 dBm				0		1
mon	v man	-		m	mon	mm
-60 dBm						
-70 dBm-		1			÷*	· · · · · ·
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Spectrum	dge NVNT 1-D]	Hopping I		n 8.0 MHz n n \
Band E Spectrum Ref Level 20.00 dB	dge NVNT 1-D m Offset 2.42 dB B SWT 227.5 µs	H5 2480M	Hz Ant1 No-	1		on
Band E Spectrum Ref Level 20.00 dBi Att 35 d	m Offset 2.42 dB	H5 2480M	Hz Ant1 No-	1		n ∭∀
Band E Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100	m Offset 2.42 dB	H5 2480M	Hz Ant1 No- Mode Auto FFT	1	Emissio	0 ∩ (₩ 5.50 dBm 85000 GH2
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 PIPk Max	m Offset 2.42 dB	H5 2480M	Hz Ant1 No-	1	Emissio	0N (₩ 5.50 dBm
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 1Pk Max 101 dBm 0 dBm	m Offset 2.42 dB	H5 2480M	Hz Ant1 No- Mode Auto FFT	1	Emissio	5.50 dBm 85000 GHz 53.75 dBm
Band E Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 1Pk Max 10'dBm 0 dBm	m Offset 2.42 dB B SWT 227.5 μs	H5 2480M	Hz Ant1 No- Mode Auto FFT	1	Emissio	5.50 dBm 85000 GHz 53.75 dBm
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 1Pk Max 101 dBm 0 dBm	m Offset 2.42 dB B SWT 227.5 μs	H5 2480M	Hz Ant1 No- Mode Auto FFT	1	Emissio	5.50 dBm 85000 GHz 53.75 dBm
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 Pk Max 10'dBm 0 dBm -10'dBm -10'dBm -10 dBm -10 dBm	m Offset 2.42 dB B SWT 227.5 μs	H5 2480M	Hz Ant1 No- Mode Auto FFT	1	Emissio	5.50 dBm 85000 GHz 53.75 dBm
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 IPk Max 10'dBm 0 dBm -10 dBm -20 dBm -30 dBm	m Offset 2.42 dB B SWT 227.5 μs	H5 2480M	Hz Ant1 No- Mode Auto FFT	1	Emissio	5.50 dBm 85000 GHz 53.75 dBm
Band E Spectrum Ref Level 20.00 dBn Att 35 d SGL Count 100/100 ID'dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	m Offset 2.42 dB B SWT 227.5 μs	PH5 2480M RBW 100 kHz VBW 300 kHz	Hz Ant1 No- Mode Auto FFT		2.479 2.483	5.50 dBm 85000 GHz 53.75 dBm
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 IPk Max 10'dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	m Offset 2.42 dB B SWT 227.5 μs	PH5 2480M RBW 100 kHz VBW 300 kHz	Hz Ant1 No- Mode Auto FFT		2.479 2.483	5.50 dBm 85000 GHz 53.75 dBm
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 IPk Max 10'dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	m Offset 2.42 dB B SWT 227.5 μs	PH5 2480M RBW 100 kHz VBW 300 kHz	Hz Ant1 No- Mode Auto FFT		2.479 2.483	5.50 dBm 85000 GHz 53.75 dBm 50000 GHz
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 IPk Max 10'dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	m Offset 2.42 dB B SWT 227.5 μs	PH5 2480M RBW 100 kHz VBW 300 kHz	Hz Ant1 No- Mode Auto FFT		2.479 2.483	5.50 dBm 85000 GHz 53.75 dBm 50000 GHz
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 IPk Max 10'dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	m Offset 2.42 dB B SWT 227.5 μs	PH5 2480M	Hz Ant1 No-		2.479 2.483	5.50 dBm 85000 GHz 53.75 dBm 56000 GHz
Band E Spectrum Ref Level 20.00 dBi Att 35 d SGL Count 100/100 IPk Max 10'dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2.476 GHz	m Offset 2.42 dB B SWT 227.5 μs	PH5 2480M RBW 100 kHz VBW 300 kHz	Hz Ant1 No-		2.479 2.483	5.50 dBm 85000 GHz 53.75 dBm 50000 GHz
Band E Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 ID/dBm D dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm -70 dBm Start 2.476 GHz Marker Type Ref Trc	m Offset 2.42 dB B SWT 227.5 μs 53 dBm	2H5 2480M RBW 100 kHz VBW 300 kHz VBW 300 kHz VBW 300 kHz 100 tr 1001 r Y-value	Hz Ant1 No- Mode Auto FFT MI[1] M2[1] M2[1]	hand from the second	2.479 2.483	5.50 dBm 85000 GHz 53.75 dBm 53000 GHz
Band E Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 ID/dBm 0 dBm -10 dBm -20 dBm -30 dBm -70 dBm -70 dBm Start 2.476 GHz Marker	m Offset 2.42 dB B SWT 227.5 μs	PH5 2480M	Hz Ant1 No- Mode Auto FFT 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]	hand from the second	Emissio	5.50 dBm 85000 GHz 53.75 dBm 53000 GHz
Band E Spectrum Ref Level 20.00 dBn Att 35 d SGL Count 100/100 ID/dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm -70 dBm Start 2.476 GHz Marker Type Ref Trc M1 1	m Offset 2.42 dB B SWT 227.5 μs 53 dBm 53 dBm 105 53 dBm 2.47985 GHz	PH5 2480M RBW 100 kHz VBW 300 kHz VBW 300 kHz VBW 300 kHz 1001 p 1001 p Y-value 5.50 dBm	Mode Auto FFT Mu[1] M	hand from the second	Emissio	5.50 dBm 85000 GHz 53.75 dBm 53000 GHz





SGL Count 100,				RBW 100 kHz YBW 300 kHz	Mode Au	ito FFT			
1Pk Max	- 1			<u>1 i</u>	M	[1]			4,62 dBm
						1+1		2.401	99200 GHz
10 dBm				MI		1			
0 dBm				m	h				
				1					
-10 dBm	-		-	+/ +	1	-			
					1	_			
-20 dBm								1	1
-30 dBm						1		1	1
The state of the second			1.0		1	-		1	
-40 dBm			Jos			Λ		-	-
co do			~			h	mm	~	
-50 dBm	w	a more						Lim	nmm
-60 dBm			_						V.V.
						1		1	
-70 dBm				1			-		
					_	1.11			
CF 2.402 GHz				1001 pt	s			Spa	n 8.0 MHz
Att SGL Count 100,		3W1 22	7.5 µs 🖷	VBW 300 kHz	Mode A				
	1		-		M	[1]		10.00	2.58 dBm
10 dBm	-				Mi	[1]			49.28/dBm
0 dBm-						141			00000/GHz
-10 dBm									
	15.377	dBm						1	
D1 -	- 1		-				-	1 ii	
			_						
D1 -									
-20 dBm									
-20 dBm			M4						mp ly
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm	Jerryfortholy	it-welly ~ torbargetlate	M4	of the month of the state of th	utraptions.	harporto-furtilly	Al characteristic test	M3	
-20 dBm -30 dBm -40 dBm -50 dBm	Loughredding	lt-ally-sockergelate		yhouse the styles	ananimum	togetotomile	Al characteristicater	M3	
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm	Lesuip rodings	bally-spherostofe		glow drught many and	andannya	torgentrationally	Al chorena rainiane	M3	
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm -70 dBm		lt-all/~ignbogilate				togeteterale	Mohrmundrug	phing the second	oran u
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm		L-allf-system		phanythrough port		hogotopoulo	Ned and the second s	phing the second	
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm -70 dBm Start 2.306 GH Marker _Type Ref T	iz rc	X-value	inter Friday Ann	1001 pt				phing the second	۲۰۰۵ ^{۳ (} (() () () () () () () () (
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm -70 dBm Start 2.306 GH Marker	z	X-value 2.4020	inter Friday Ann	1001 pt	5			Stop :	۲۰۰۵ ^{۳ (} (() () () () () () () () (
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm -70 dBm Start 2.306 GH Marker Type Ref T M1	z rc 1	X-value 2.4020 2. 2.3	is GHz	1001 pt Y-value 2.58 dBm	5			Stop :	۲۰۰۵ ^{۳ (} (() () () () () () () () (





SGL Count 100/10	dB SWT 18.		3W 100 kHz 3W 300 kHz	Mode A	uto FFT			₽
●1Pk Max			-	M	1[1]		_	5.22 dBm
		1 2 1					2.479	183220 GHz
10 dBm		1	MI		1.1.1.1.1			1
0 dBm			Am	ma .				
-10 dBm				1				
-20 dBm		-	-			-	1	(1
6 D				1				
-30 dBm		1		4		-		
-40 dBm		~~			V			
-50 dBm	Junt					MAN	M	mont
-60 dBm								. a bre
		1			11		1	1
-70 dBm								ř
			1001	£				in 8.0 MHz
CE 2 40 CH2								
Spectrum Ref Level 20.00		.42 dB 📦 R	BW 100 kHz	Iz Ant		opping		8
Band Spectrum Ref Level 20.00 Att 33 SGL Count 100/10	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Iz Ant		opping		on
Band Spectrum Ref Level 20.00 Att 32	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Hz Ant Mode 4		opping		on
Band Spectrum Ref Level 20.00 Att 33 SGL Count 100/10	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Hz Ant Mode #	Auto FFT.	opping	Emissic	0N (₩ 5.14 dBm 005000 GHz
Band Spectrum Ref Level 20.00 / Att 33 SGL Count 100/10 PIPk Max	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Hz Ant Mode #	Auto FFT.	opping	Emissic	5.1∔ dBm
Band Spectrum Ref Level 20.00 / Att 32 SGL Count 100/10 1Pk Max 101dBm- 0 dBm-	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Hz Ant Mode #	Auto FFT.	opping	Emissic	5.14 dBm 05500 GHz 52.91 dBm
Band Spectrum Ref Level 20.00 Att 32 SGL Count 100/10 1Pk Max 10/d8m 0 d8m -10 d8m -10 d8m 01 -14	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Hz Ant Mode #	Auto FFT.	opping	Emissic	5.14 dBm 05500 GHz 52.91 dBm
Band Spectrum Ref Level 20.00 / 10 Att 33 SGL Count 100/10 IPk Max 10 dBm -10 dBm -20 dBm	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Hz Ant Mode #	Auto FFT.	opping	Emissic	5.14 dBm 05500 GHz 52.91 dBm
Band Spectrum Ref Level 20.00 / Att 315 SGL Count 100/10 1Pk Max 10rdBm 0 dBm -10 dBm -20 dBm -30 dBm	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Hz Ant Mode #	Auto FFT.	opping	Emissic	5.14 dBm 05500 GHz 52.91 dBm
Band Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 IPk Max 10 MBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	dBm Offset 2. 5 dB SWT 223	.42 dB 📦 R	5 2480MF	Hz Ant Mode #	Auto FFT.	opping	Emissic	5.14 dBm 05500 GHz 52.91 dBm
Band Spectrum Ref Level 20.00 Att 33: SGL Count 100/10 IPk Max 10 kBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	dBm Offset 2. 5 dB SWT 221 00	.42 dB 📦 R	5 2480MH BW 100 kHz BW 300 kHz	Hz Ant Mode / MI	Auto FFT		2.480 2.480	00 5.14 dBm 005000 GHz -52.91 dBm 55000 GHz
Band Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 IPk Max 10 MBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	dBm Offset 2. 5 dB SWT 221 00	.42 dB R 7.5 μs V	5 2480MH BW 100 kHz BW 300 kHz	Hz Ant Mode / MI	Auto FFT		Emissic	00 5.14 dBm 005000 GHz -52.91 dBm 55000 GHz
Band Spectrum Ref Level 20.00 / Att 315 SGL Count 100/10 ID/Id8m 0 d8m -10 d8m -10 d8m -20 d8m -30 d8m -40 d8m -90 d8m	dBm Offset 2. 5 dB SWT 221 00	.42 dB R 7.5 μs V	5 2480MH BW 100 kHz BW 300 kHz	Hz Ant Mode / MI	Auto FFT		2.480 2.480	00 5.14 dBm 005000 GHz -52.91 dBm 55000 GHz
Band Spectrum Ref Level 20.00 Att 33: SGL Count 100/10 IPk Max 10 kBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -60 dBm -70 dBm	dBm Offset 2. 5 dB SWT 221 00	.42 dB R 7.5 μs V	5 2480MH BW 100 kHz BW 300 kHz	Hz Ant Mode / M M	Auto FFT		2.480 2.480	5.14 dBm 005000 GHz 52.91 dBm 250000 GHz
Band Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 IDIdBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -60 dBm	dBm Offset 2. 5 dB SWT 221 00	.42 dB R 7.5 μs V	5 2480MH BW 100 kHz BW 300 kHz	Hz Ant Mode / M M	Auto FFT		2.480 2.480	00 5.14 dBm 005000 GHz -52.91 dBm 55000 GHz
Band Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2.476 GHz Marker Type Ref Trc	d8m Offset 2. 5 d8 SWT 223 0 .779 d8m 	.42 dB R 7.5 μs Y	5 2480MH BW 100 kHz BW 300 kHz	Hz Ant Mode / M M	Auto FFT	wordman	2.480 2.480	00 5.14 dBm 005000 GHz 52.91 dBm 55000 GHz 0000 GHz 0000 GHz 0000 GHz 0000 GHz 0000 GHz
Band Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 IPk Max 10 kBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 2.476 GHz Marker Type Marker Type M1 M2	BBm Offset 2. 5 dB SWT 22: 10	42 dB R 7.5 μs V V V V V V V V V V	5 2480MH BW 100 kHz BW 300 kHz 	Hz Ant Mode / MI MI	Auto FFT	wordman	Emissic 2.480 2.480	00 5.14 dBm 005000 GHz 52.91 dBm 55000 GHz 0000 GHz 0000 GHz 0000 GHz 0000 GHz 0000 GHz
Band Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 IPk Max 10168m 0 d8m -10 c8m -20 a8m -30 d8m -40 d8m -50 d8m -70 d8m Start 2.476 GHz Marker Type Ref Irrc M1	d8m Offset 2. 5 d8 SWT 221 00 	42 dB R 7.5 μs V	5 2480MH BW 100 kHz BW 300 kHz	Hz Ant Mode / MI MI	Auto FFT	wordman	Emissic 2.480 2.480	00 5.14 dBm 005000 GHz 52.91 dBm 55000 GHz 0000 GHz 0000 GHz 0000 GHz 0000 GHz 0000 GHz





SGL Count :				BW 100 kHz BW 300 kHz	Mode A	uto FFT			
●1Pk Max		-		<u> </u>				_	1.01.10
in the second se					M	1[1]		2,401	4,91 dBm 182420 GHz
10 dBm				M1					
0 dBm				and	ha				
0 UBIN	_			1	-07				
-10 dBm							-		
					1				
-20 dBm				1				-	
-30 dBm			1	1 ·		4	2	1	1
Se guin									
-40 dBm		-	-	-				-	-
1.00		harl				M. Som P	mont	5	
-50 dBm7V	work	mar and						how	mon
-60 dBm								×	
				· · · · · ·					
-70 dBm					_				-
CF 2.402 GI	Hz			1001	pts			Spa	an 8.0 MHz
Spectrum Ref Level 3		Offset 2		RBW 100 kHz			opping	Emissic	
Ref Level 2 Att SGL Count 3	20.00 dBm 35 dB		.38 dB 🝙 F		2				
Ref Level 3 Att	20.00 dBm 35 dB		.38 dB 🝙 F	RBW 100 kHz	: Mode /	Auto FFT.			
Ref Level 2 Att SGL Count 3	20.00 dBm 35 dB		.38 dB 🝙 F	RBW 100 kHz	Mode /	Auto FFT.		2.402	4.65 dBm 215000 GHz
Ref Level 2 Att SGL Count 1 1Pk Max	20.00 dBm 35 dB		.38 dB 🝙 F	RBW 100 kHz	Mode /	Auto FFT.		2.402	4.65 dBm
Ref Level 2 Att SGL Count 2 1Pk Max 10 dBm 0 dBm	20.00 dBm 35 dB		.38 dB 🝙 F	RBW 100 kHz	Mode /	Auto FFT.		2.402	4.65 dBm 215000 GHz -48.18 dBm
Ref Level 2 Att SGL Count 2 1Pk Max 10 dBm- 0 dBm- -10 dBm-	20.00 dBm 35 dB 100/100	SWT 22	.38 dB 🝙 F	RBW 100 kHz	Mode /	Auto FFT.		2.402	4.65 dBm 215000 GHz -48.18 dBm
Ref Level 2 Att SGL Count 2 1Pk Max 10 dBm- 0 dBm- -10 dBm-	20.00 dBm 35 dB	SWT 22	.38 dB 🝙 F	RBW 100 kHz	Mode /	Auto FFT.		2.402	4.65 dBm 215000 GHz -48.18 dBm
Ref Level 2 Att SGL Count 2 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 35 dB 100/100	SWT 22	.38 dB 🝙 F	RBW 100 kHz	Mode /	Auto FFT.		2.402	4.65 dBm 215000 GHz -48.18 dBm
Ref Level 2 Att SGL Count 2 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBm 35 dB 100/100	SWT 22	.38 dB 🝙 F	RBW 100 kHz	Mode /	Auto FFT.		2.402	4.65 dBm 215000 GHz 48.18 dBm 200000 GHz
Ref Level 2 Att SGL Count 1 ID dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBm 35 dB 100/100	SWT 22	2.38 dB • F 7.5 μs • Ν	28 100 kHz 78 300 kHz	Mode / M	Auto FFT		2.400	4.65 dBm 215000 GHz 48.18 dBm 000000 GHz
Ref Level 2 Att SGL Count 3 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBm 35 dB 100/100	SWT 22	2.38 dB • F 7.5 μs • Ν	RBW 100 kHz	Mode / M	Auto FFT		2.400	4.65 dBm 215000 GHz 48.18 dBm 000000 GHz
Ref Level 2 Att SGL Count 1 ID dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBm 35 dB 100/100	SWT 22	2.38 dB • F 7.5 μs • Ν	28 100 kHz 78 300 kHz	Mode / M	Auto FFT		2.400	4.65 dBm 215000 GHz 48.18 dBm 000000 GHz
Ref Level 2 Att SGL Count 3 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBm 35 dB 100/100	SWT 22	2.38 dB • F 7.5 μs • Ν	28 100 kHz 78 300 kHz	Mode / M	Auto FFT		2.400	4.65 dBm 215000 GHz 48.18 dBm 000000 GHz
Ref Level 2 Att SGL Count 3 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	20.00 dBm 35 dB 100/100	SWT 22	2.38 dB • F 7.5 μs • Ν	28 100 kHz 28 300 kHz	Mode / M M	Auto FFT		2.402 2.400	4.65 dBm 215000 CH2 48.18 Bm 000000 CH2
Ref Level 2 Att SGL Count 3 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	20.00 dBm 35 dB 100/100	SWT 22	2.38 dB • F 7.5 μs • Ν	28 100 kHz 78 300 kHz	Mode / M M	Auto FFT		2.402 2.400	4.65 dBm 215000 GHz 48.18 dBm 000000 GHz
Ref Level 2 Att SGL Count 3 9 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2.3006 Marker Type	20.00 dBm 35 dB 100/100 01 -15,088 01 -15,088 0 GHz	SWT 22	2.38 dB 7.5 μs NA M4 γμηλ.Ψιγνη	28 100 kHz 78 300 kHz 79 300 kHz 70 k	Mode / M M س M	Auto FFT	-antriction Junior	2.402 2.400	4.65 dBm 215000 GHz
Ref Level 2 Att SGL Count 3 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm Stort 2.306 Marker	20.00 dBm 35 dB 100/100 01 -15,088	SWT 22	2.38 dB = F 7.5 μs = N Μ4	28 100 kHz 28 300 kHz 300 kHz 300 kHz 100 kHz 300 kHz	۲ Mode بر المحمد ا محمد المحمد ا د محمد المحمد المحم محمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد محمد محمد المحمد المحمد المحمد المحمد المحمد المحمد المحم محمد المحمد المحمد المحمد المحمد المحمد المحمد محمد محمد المحمد المحمد المحمد المحمد المحمد المحمد محمد محمد محم محمد ا	Auto FFT	-antriction Junior	2.402 2.400	4.65 dBm 215000 GHz
Ref Level 2 Att SGL Count 2 9 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm Start 2.306 Marker Type Ref M1	20.00 dBm 35 dB 100/100 01 -15,088 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SWT 22	.38 dB 7.5 μs	RBW 100 kHz //BW 300 kHz /BW 300 kHz	: Mode / M M س M M M M M M M M M M M M M M M M	Auto FFT	-antriction Junior	2.402 2.400	4.65 dBm 215000 GHz





Att 25	Bm Offset 2.42 dB 🖷 dB SWT 18.9 µs 🖷		Mode Auto FFT			[œm ⊽
SGL Count 100/100)					
●1Pk Max	1 1	1 12	M1[1]			5.85 dBn
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to doe						
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-20 dBm-				-		
61.0			1			
-30 dBm	-	-		0	-	
5.2.4	-	~	hand	$\langle \rangle$		
-40 dBm-	1 free	o _o (X		
-50 dBm						0
	mun			mon	mm	1
-60 dBm					V.	La
						~~~
-70 dBm						
1.4						
-80 dBm						
and the second second						
CF 2.48 GHz		1001 pt	s		Spa	an 8.0 MHz
Spectrum Ref Level 10.00 d		RBW 100 kHz		1	Emissio	on E
Spectrum Ref Level 10.00 d Att 25 SGL Count 100/100	Bm <b>Offset</b> 2.42 dB dB <b>SWT</b> 227.5 µs	RBW 100 kHz		1	Emissic	
Spectrum Ref Level 10.00 d Att 25 SGL Count 100/100 1Pk Max	Bm <b>Offset</b> 2.42 dB dB <b>SWT</b> 227.5 µs	RBW 100 kHz	Mode .Auto FFT	1	Emissic	
Spectrum Ref Level 10.00 d Att 25	Bm <b>Offset</b> 2.42 dB dB <b>SWT</b> 227.5 µs	RBW 100 kHz	Mode Auto FFT	1	2.480	5.89 dBn 015000 GH:
Spectrum Ref Level 10.00 d Att 25 SGL Count 100/100 • 1Pk Max • M1 0 d&m	Bm <b>Offset</b> 2.42 dB dB <b>SWT</b> 227.5 µs	RBW 100 kHz	Mode .Auto FFT	1	2.480	5.89 dBn 015000 GH2 -54.54 dBn
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           M1           0 dBm           -10 cBm	Bm <b>Offset</b> 2.42 dB dB <b>SWT</b> 227.5 µs	RBW 100 kHz	Mode Auto FFT	1	2.480	5.89 dBn 015000 GH:
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           M1           0 dBm           -10 cBm	Bm Offset 2.42 dB dB SWT 227.5 µs )	RBW 100 kHz	Mode Auto FFT	1	2.480	5.89 dBn 015000 GH2 -54.54 dBn
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           M1           0 dBm           -10 dBm           D1 -14,	Bm Offset 2.42 dB dB SWT 227.5 µs )	RBW 100 kHz	Mode Auto FFT	1	2.480	5.89 dBn 015000 GH2 -54.54 dBn
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           M1           0 dBm           -10 cBm           -20 dBm           -30 dBm	Bm Offset 2.42 dB dB SWT 227.5 µs )	RBW 100 kHz	Mode Auto FFT	1	2.480	5.89 dBn 015000 GH2 -54.54 dBn
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           0 d&m           -10 cBm           -20 dBm           -30 dBm           -40 dBm	Bm Offset 2.42 dB dB SWT 227.5 µs )	RBW 100 kHz	Mode Auto FFT	1	2.480	5.89 dBn 015000 GH2 -54.54 dBn
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	Bm Offset 2.42 dB dB SWT 227.5 µs )	RBW 100 kHz	Mode Auto FFT	1	2.480	5.89 dBn 015000 GH2 -54.54 dBn
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	Bm Offset 2.42 dB dB SWT 227.5 μs )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]		2.480	5.89 dBn 015000 GH: 54.54 dBn 350000 GH:
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           0 dBm           -10 cBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	Bm Offset 2.42 dB dB SWT 227.5 µs )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]		2.480	5.89 dBn 015000 GH2 -54.54 dBn
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           •10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm	Bm Offset 2.42 dB dB SWT 227.5 μs )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]		2.480	5.89 dBn 015000 GH: 54.54 dBn 350000 GH:
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           0 dBm           -10 cBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	Bm Offset 2.42 dB dB SWT 227.5 μs )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]		2.480	5.89 dBn 015000 GH: 54.54 dBn 350000 GH:
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           • IPK Max           • IPK Max           • O dB/m           • 10 dB/m           • -10 dB/m           • -20 dB/m           • -40 dB/m           • -50 dB/m           • -60 dB/m           • -70 dB/m           • -80 dB/m	Bm Offset 2.42 dB dB SWT 227.5 μs )	RBW 100 kHz           VBW 300 kHz	Mode Auto FFT		2.481 2.483	5.89 dBn 015000 GH; -54.54 dBn 350000 GH;
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           •10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm	Bm Offset 2.42 dB dB SWT 227.5 μs )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT		2.481 2.483	5.89 dBn 015000 GH: 54.54 dBn 350000 GH:
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -80 dBm           -80 dBm           Start 2.476 GHz           Type         Ref Trc	Bm Offset 2.42 dB dB SWT 227.5 µs 3 151 dBm 151 dBm нымартивати (Andreador) Х-volue	RBW 100 kHz           VBW 300 kHz	Mode Auto FFT		2.481 2.483	5.89 dBn 015000 GH: 54.54 dBn 350000 GH: 0000 G
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           • IPK Max           • M1           0 dem           • ID cBm           • 0 dem	Bm Offset 2.42 dB dB SWT 227.5 μs 151 dBm 151 dBm N/3 Αμμα μ. http://www.analy/da. X-value 2.48015 GHz	RBW 100 kHz           VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M4		2.480 2.483	5.89 dBn 015000 GH: 54.54 dBn 350000 GH: 0000 G
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -80 dBm           -80 dBm           Start 2.476 GHz           Type         Ref Trc	Bm Offset 2.42 dB dB SWT 227.5 µs 3 151 dBm 151 dBm нымартивати (Andreador) Х-volue	RBW 100 kHz           VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M4		2.480 2.483	5.89 dBn 015000 GH: 54.54 dBn 350000 GH: 0000 G
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           • IPk Max           • IPk Max           • O dBm           • 10 cBm           • -10 cBm           • -20 cBm           • -30 dBm           • -60 dBm           • -60 dBm           • -80 dBm           • -90 dBm           • -90 dBm           • 10 dBm           • 10 dBm	Bm Offset 2.42 dB dB SWT 227.5 μs 151 dBm Non frankling (Main Non frankling (Main) Non frankling (Main)	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M4		2.480 2.483	5.89 dBn 015000 GH: 54.54 dBn 350000 GH: 0000 G
Spectrum           Ref Level 10.00 d           Att 25           SGL Count 100/100           1Pk Max           0 dBm           -10 cBm           -10 cBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           -80 dBm           -90 dBm           -90 dBm           -90 dBm           -90 dBm           -90 dBm	Bm Offset 2.42 dB dB SWT 227.5 μs 151 dBm 151 dBm 15	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M4		2.480 2.483	5.89 dBn 015000 GH: 54.54 dBn 350000 GH: 0000 G



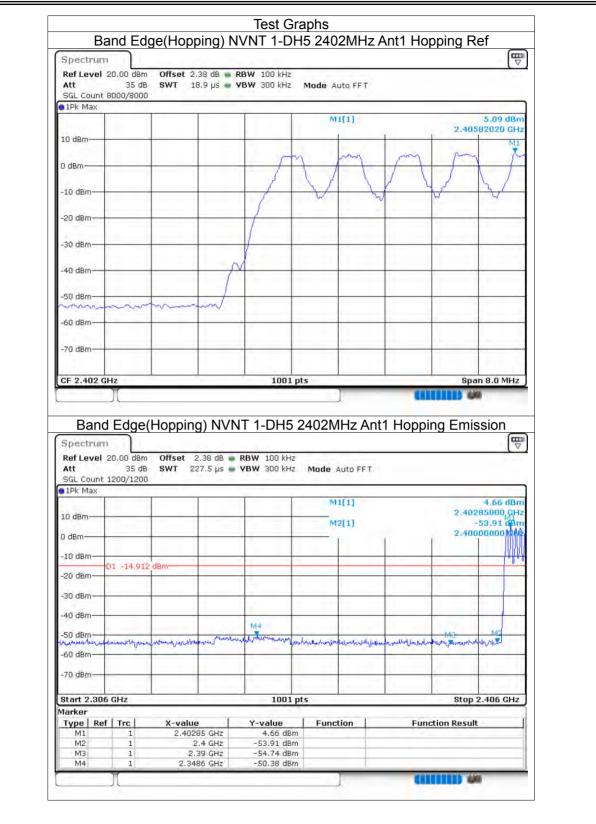


## 8.8 BAND EDGE(HOPPING)

		-\					
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-55.46	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-57.5	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-53.81	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-58.31	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-55.4	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-57.28	-20	Pass

















Ref Level         20.00         ds           Att         35         35           SGL Count         8000/80	dB SWT 18.9 µs	<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode Auto FFT			
• 1Pk Max	1 1	Ť I				
			M1[1]		2.4028	4.52 dBn 33120 GH:
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D dDes		man	m. Am	man	m	. n
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-50 dBm				-		
-60 dBm						_
-70 dBm						
CF 2.402 GHz		1001	ots		Span	18.0 MHz
Band Edg Spectrum Ref Level 20.00 df Att 35	dB <b>SWT</b> 227.5 μs	VNT 2-DH5	2402MHz Ar	nt1 Hoppin		sion [₩
Band Edg Spectrum Ref Level 20.00 df	m Offset 2.38 dB dB SWT 227.5 µs	VNT 2-DH5	2402MHz Ar Mode Auto FFT	nt1 Hoppin		
Band Edg Spectrum Ref Level 20.00 df Att 35 SGL Count 1200/12 1Pk Max	m Offset 2.38 dB dB SWT 227.5 µs	VNT 2-DH5	2402MHz Ar Mode Auto FFT	nt1 Hoppin	g Emis 2.4041	4.77 dBn 15000 GH
Band Edg Spectrum Ref Level 20.00 dß Att 35. SGL Count 1200/12 1Pk Max 10 dBm-	m Offset 2.38 dB dB SWT 227.5 µs	VNT 2-DH5	2402MHz Ar Mode Auto FFT	nt1 Hoppin	2.4041	4.77 dBn 15000 GH1 53.06 dBg
Band Edg Spectrum Ref Level 20.00 df Att 35 SGL Count 1200/12 1Pk Max	m Offset 2.38 dB dB SWT 227.5 µs	VNT 2-DH5	2402MHz Ar Mode Auto FFT	nt1 Hoppin	2.4041	4.77 dBn 15000 GH
Band Edg Spectrum Ref Level 20.00 de Att 35 SGL Count 1200/12 1Pk Max 10 dBm 0 dBm -10 dBm	om Offset 2.38 dB dB SWT 227.5 µs	VNT 2-DH5	2402MHz Ar Mode Auto FFT	nt1 Hoppin	2.4041	4.77 dBn 15000 GH1 53.06 dBg
Band Edg Spectrum Ref Level 20.00 df Att 35 SGL Count 1200/12 1 Pk Max 10 dBm 0 dBm	om Offset 2.38 dB dB SWT 227.5 µs	VNT 2-DH5	2402MHz Ar Mode Auto FFT	nt1 Hoppin	2.4041	4.77 dBn 15000 GH1 53.06 dBg
Band Edg           Spectrum           Ref Level 20.00 dE           Att 35.           SGL Count 1200/12           IPk Max           10 dBm           0 dBm           -10 dBm           01 -15.4	om Offset 2.38 dB dB SWT 227.5 µs	VNT 2-DH5	2402MHz Ar Mode Auto FFT	nt1 Hoppin	2.4041	4.77 dBn 15000 GH1 53.06 dBg
Band Edg           Spectrum           Ref Level 20.00 dB           Att 35,           SGL Count 1200/12           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	om Offset 2.38 dB dB SWT 227.5 µs	VNT 2-DH5	2402MHz Ar Mode Auto FFT	nt1 Hoppin	2.4041	4.77 dBn 15000 GH1 53.06 dBg
Band Edg           Spectrum           Ref Level 20.00 db           Att 35           SGL Count 1200/12           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	om Offset 2.38 dB dB SWT 227.5 µs 00	VNT 2-DH5	2402MHz Ar	nt1 Hoppin	2.4041 2.4041	4.77 dBn 15000 GH1 53.06 dBg
Band Edg           Spectrum           Ref Level 20.00 dB           Att 35,           SGL Count 1200/12           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	om Offset 2.38 dB dB SWT 227.5 µs 00	VNT 2-DH5	2402MHz Ar		2.4041	4.77 dBn 15000 GH1 53.06 dBg
Band Edg           Spectrum           Ref Level 20.00 dB           Att 35.           SGL Count 1200/12           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	om Offset 2.38 dB dB SWT 227.5 µs 00	VNT 2-DH5	2402MHz Ar		2.4041 -5 2.4000	4.77 dBn 15000 GH1 53.06 dBg
Band Edg           Spectrum           Ref Level 20.00 dB           Att 35,           SGL Count 1200/12           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	om Offset 2.38 dB dB SWT 227.5 µs 00	VNT 2-DH5	2402MHz Ar		2.4041 -5 2.4000	4.77 dBn 15000 GH1 53.06 dBg
Band Edg           Spectrum           Ref Level 20.00 dß           Att 35.           SGL Count 1200/12           • IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -70 dBm	om Offset 2.38 dB dB SWT 227.5 µs 00	VNT 2-DH5	2402MHz Ar Mode Auto FFT M1[1] M2[1] M2[1]		2.4041 	4,77 dBn 15000 GH 53,06 dBr 53,06 dBr 53,06 dBr
Band Edg           Spectrum           Ref Level 20.00 dB           Att 35.           SGL Count 1200/12           ID dBm           0 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           -70 dBm	om Offset 2.38 dB dB SWT 227.5 µs 00	VNT 2-DH5	2402MHz Ar Mode Auto FFT M1[1] M2[1] M2[1]		2.4041 	4.77 dBn 15000 GH1 53.06 dBg
Band Edg           Spectrum           Ref Level 20.00 dk           Att 35           SGL Count 1200/12           IPk Max           ID dBm           D dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm	m Offset 2.38 dB dB SWT 227.5 µs 00 79 dBm 79 dBm 79 dBm	VNT 2-DH5  RBW 100 kHz VBW 300 kHz VBW 300 kHz	2402MHz Ar Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] M2[1]		2.4041 	4,77 dBn 15000 GH 53,06 dBr 53,06 dBr 53,06 dBr
Band Edg           Spectrum           Ref Level 20.00 dB           Att 35           SGL Count 1200/12           IPk Max           ID dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.306 GHz           Marker           Type Ref Trc           M1	m Offset 2.38 dB fB SWT 227.5 µs 00 79 dBm 79 dBm X-value 2.40415 GHz	VNT 2-DH5  RBW 100 kHz VBW 300 kHz  WWWW/m/WWW/m/	2402MHz Ar		2.4041 -5 2.4041 -5 2.4000	4,77 dBn 15000 GH 53,06 dBr 53,06 dBr 53,06 dBr
Band Edg           Spectrum           Ref Level 20.00 df           Att 35           SGL Count 1200/12           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.306 GHz           Marker           Type           M1         1           M3         1	m Offset 2.38 dB dB SWT 227.5 µs 00 79 dBm 79 dBm 2.40415 GHz 2.40415 GHz 2.40 GHz 2.39 GHz	VNT 2-DH5  RBW 100 kHz VBW 300 kHz VBW 300 kHz  N4 VBW 300 kHz I001  V-value 4,77 dBn -53.06 dBn -54.02 dBn -5	2402MHz Ar		2.4041 -5 2.4041 -5 2.4000	4,77 dBn 15000 GH 53,06 dBr 53,06 dBr 53,06 dBr
Band Edg           Ref Level 20.00 dd           Att 35.           SGL Count 1200/12           • IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.306 GHz           Marker           Type Ref Trc           M1           M2           1	m Offset 2.38 dB dB SWT 227.5 µs 00 79 dBm 79 dBm 70 dBm	VNT 2-DH5  RBW 100 kHz VBW 300 kHz VBW 300 kHz  M4  M4  M4  M4  M4  M4  M4  M4  M4  M	2402MHz Ar		2.4041 -5 2.4041 -5 2.4000	4,77 dBn 15000 GH 53,06 dBr 53,06 dBr 53,06 dBr





Ref Level Att SGL Count	35 dB 8000/8000		ю µ5 — ,						
●1Pk Max	r		-	7 i			_		6 00 JD
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0 dBm	non	minh	m	man	ma			-	-
					Ì				
-10 dBm			_		1		1	1	
-20 dBm	-		_				-		
6.5.0					1				
-30 dBm			-		1			1	
-40 dBm	-	-	_			hm			-
-	1								
-50 dBm							1 may	mm	man
-60 dBm	-		_		_		-		
1.0						1	1		
-70 dBm	ſ	-				-	-	1	
CF 2.48 G									an 8.0 MHz
Ban	ີ d Edge	(Hopping			2480N	] IHz Ant	u 1 Hopp		15
Ban Spectrur Ref Level Att SGL Count		Offset 2. SWT 227	42 dB 📦		2480N		1 Hopp		ssion
Ban Spectrur Ref Level Att SGL Count PIPk Max	d Edge n 20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 📦	IT 2-DH5 RBW 100 kHz	2480N 2 2 Mode /		1 Hopp	ing Emi	ssion
Ban Spectrur Ref Level Att SGL Count IPk Max	d Edge n 20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 📦	IT 2-DH5 RBW 100 kHz	2480N 2 Mode /	Auto FFT	1 Hopp	ing Emi	3.52 dBr 885000 GH -53.54 dBr
Ban Spectrur Ref Level Att SGL Count PIPk Max	d Edge n 20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 📦	IT 2-DH5 RBW 100 kHz	2480N 2 Mode /	Auto FFT 1(1)	1 Hopp	ing Emi	3.52 dBr 885000 GH
Ban Spectrur Ref Level Att SGL Count IPk Max	d Edge 20.00 dBm 35 dB 1200/1200	SWT 227	42 dB 📦	IT 2-DH5 RBW 100 kHz	2480N 2 Mode /	Auto FFT 1(1)	1 Hopp	ing Emi	3.52 dBr 885000 GH -53.54 dBr
Ban Spectrur Ref Level Att SGL Count SGL Count IPk Max	d Edge n 20.00 dBm 35 dB	SWT 227	42 dB 📦	IT 2-DH5 RBW 100 kHz	2480N 2 Mode /	Auto FFT 1(1)	1 Hopp	ing Emi	3.52 dBr 885000 GH -53.54 dBr
Ban Spectrur Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -10 dBm	d Edge 20.00 dBm 35 dB 1200/1200	SWT 227	42 dB 📦	IT 2-DH5 RBW 100 kHz	2480N 2 Mode /	Auto FFT 1(1)	1 Hopp	ing Emi	3.52 dBr 885000 GH -53.54 dBr
Ban Spectrur Ref Level Att SGL Couni 10 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm	d Edge 20.00 dBm 35 dB 1200/1200	SWT 227	42 dB 📦	IT 2-DH5 RBW 100 kHz	2480N 2 Mode /	Auto FFT 1(1)	1 Hopp	ing Emi	3.52 dBr 885000 GH -53.54 dBr
Ban Spectrur Ref Level Att SGL Count SGL Count IM dBm -10 cBm -20 cBm -20 cBm -30 dBm -40 dBm	d Edge 20.00 dBm 35 dB 1200/1200	SWT 227	42 dB 📦	IT 2-DH5 RBW 100 kHz	2480N 2 Mode /	Auto FFT 1(1)	1 Hopp	2.470 2.470 2.480	3.52 dBr 3.52 dBr 885000 GH -53.54 dBr 350000 GH
Ban Spectrur Ref Level Att SGL Count ID dBm ID dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm	d Edge 20.00 dBm 35 dB 1200/1200	5 dBm	42 dB 📦	IT 2-DH5 RBW 100 kHz YBW 300 kHz	2480N	Auto FFT 1(1)		ing Emi	3.52 dBr 3.52 dBr 885000 GH -53.54 dBr 350000 GH
Ban Spectrur Ref Level Att SGL Count SGL Count IM dBm -10 cBm -20 cBm -20 cBm -30 dBm -40 dBm	d Edge 120.00 dBm 35 dB 1200/1200	5 dBm	42 dB 📦	IT 2-DH5 RBW 100 kH2 YBW 300 kH2	2480N	Auto FFT.		2.470 2.470 2.480	3.52 dBr 3.52 dBr 885000 GH -53.54 dBr 350000 GH
Ban Spectrur Ref Level Att SGL Count ID dBm ID dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm	d Edge 120.00 dBm 35 dB 1200/1200	5 dBm	42 dB 📦	IT 2-DH5 RBW 100 kH2 YBW 300 kH2	2480N	Auto FFT.		2.470 2.470 2.480	3.52 dBr 3.52 dBr 885000 GH -53.54 dBr 350000 GH
Ban Spectrur Ref Level Att SGL Count SGL Count I M dBm 1/M dBm -10 cBm -20 cBm -20 cBm -30 dBm -50 dBm -60 dBm	D1 -14,005	5 dBm	42 dB 📦	IT 2-DH5 RBW 100 kH2 YBW 300 kH2	2480N	Auto FFT.		2.471 2.483	3.52 dBr 3.52 dBr 885000 GH -53.54 dBr 350000 GH
Ban Spectrur Ref Level Att SGL Count SGL Count IPk Max IA dBm -10 cBm -20 cBm -20 cBm -20 cBm -30 cBm -30 cBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm	d Edge n 20.00 dBm 35 dB 1200/1200	5 dBm	42 dB 7.5 μs	IT 2-DH5	2480M	Auto FFT.	Waturtyme	2.471 2.481	3.52 dBr 885000 GH 53.54 dBr 35000 GH
Ban           Spectrur           Ref Level           Att           SGL Count           10 dBm           10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm           Start 2.47	d Edge n 20.00 dBm 35 dB 1200/1200	5 dBm	42 dB 7.5 μs	IT 2-DH5 RBW 100 kHz yBW 300 kHz	2480N	Auto FFT.	Waturtyme	2.471 2.483	3.52 dBr 885000 GH 53.54 dBr 35000 GH
Ban           Spectrur           Ref Level           Att           SGL Count           1/10 dBm           1/0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -50 dBm           Start 2.47           Marker           Type           M2	d Edge 120.00 dBm 35 dB 1200/1200 D1 -14,005 0 0 0 0 0 0 0 0 0 0 0 0 0	Offset         2.7           SWT         227           SWT         227           SdBm         3           SdBm         3 <td>42 dB 7.5 μs 5 GHz</td> <td>IT 2-DH5 RBW 100 kHz yBW 300 kHz 100 kHz yBW 300 kHz 100 kHz</td> <td>2480N</td> <td>Auto FFT.</td> <td>Waturtyme</td> <td>2.471 2.481</td> <td>3.52 dBr 885000 GH 53.54 dBr 35000 GH</td>	42 dB 7.5 μs 5 GHz	IT 2-DH5 RBW 100 kHz yBW 300 kHz 100 kHz yBW 300 kHz 100 kHz	2480N	Auto FFT.	Waturtyme	2.471 2.481	3.52 dBr 885000 GH 53.54 dBr 35000 GH
Ban Spectrur Ref Level Att SGL Count SGL Count SGL Count IA dBm -10 cBm -20 cBm -20 cBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dB	d Edge n 20.00 dBm 35 dB 21200/1200 101 -14,00 101 -14,00 6 GHz 6 GHz 1	Offset         2.7           SWT         227           SWT         227           SdBm         3           SdBm         3 <td>42 dB 7.5 μs 5 GHz 5 GHz 5 GHz</td> <td>IT 2-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz IOU IOU IOU Y-value 3.52 dBr</td> <td>2480N</td> <td>Auto FFT.</td> <td>Waturtyme</td> <td>2.471 2.481</td> <td>3.52 dBr 885000 GH 53.54 dBr 35000 GH</td>	42 dB 7.5 μs 5 GHz 5 GHz 5 GHz	IT 2-DH5 RBW 100 kHz VBW 300 kHz VBW 300 kHz IOU IOU IOU Y-value 3.52 dBr	2480N	Auto FFT.	Waturtyme	2.471 2.481	3.52 dBr 885000 GH 53.54 dBr 35000 GH





SGL Count 8000	35 dB <b>SV</b>			BW 100 kHz BW 300 kHz	Mode A	uto FFT			
1Pk Max				<u> </u>	_				
					M	1[1]		2.404	5,10 d 198100 (
10 dBm	_		-				-	M1	1
D dBm				m	am a	Mas	m	hon	mr
O UBIN						- 1		V40	m
-10 dBm	_			1					
At									
-20 dBm				1					1
-30 dBm			-					1	
								1	
-40 dBm		A	ww		_				
-50 dBm	mo	N							
- man	s.								
-60 dBm	_				_		_		-
-70 dBm									**************************************
1.62.5	_							· · · ·	
CF 2.402 GHz				1001	pts			Spa	an 8.0 MI
Band Ed	dBm Of	fset 2.38	dB 🖷 F		2402N		Hoppi	ng Emis	ssion
Band Ed	) dBm Of 35 dB SV	fset 2.38	dB 🖷 F	T 3-DH5 RBW 100 kHz	2402N Mode /	Auto FFT.	Hoppi	ng Emis	(
Band Ed Spectrum Ref Level 20.0 Att SGL Count 1200 • 1Pk Max	) dBm Of 35 dB SV	fset 2.38	dB 🖷 F	T 3-DH5 RBW 100 kHz	2402N Mode /		Hoppi		
Band Ed Spectrum Ref Level 20.0 Att SGL Count 1200 • 1Pk Max 10 dBm	) dBm Of 35 dB SV	fset 2.38	dB 🖷 F	T 3-DH5 RBW 100 kHz	24021V Mode /	Auto FFT.	Hoppi	2.405	4.66 d 505000 0 -49.84 d
Band Ed Spectrum Ref Level 20.0 Att SGL Count 1200 • 1Pk Max	) dBm Of 35 dB SV	fset 2.38	dB 🖷 F	T 3-DH5 RBW 100 kHz	24021V Mode /	Auto FFT.	Hoppi	2.405	4.66 d
Band Ed Spectrum Ref Level 20.0 Att SGL Count 1200 1Pk Max 10 dBm -10 dBm	0 dBm Of 35 dB SV /1200	fset 2.38 VT 227.5	dB 🖷 F	T 3-DH5 RBW 100 kHz	24021V Mode /	Auto FFT.	Hoppi	2.405	4.66 d 505000 0 -49.84 d
Band Ed Spectrum Ref Level 20.0 Att SGL Count 1200 1Pk Max 10 dBm -10 dBm	) dBm Of 35 dB SV	fset 2.38 VT 227.5	dB 🖷 F	T 3-DH5 RBW 100 kHz	24021V Mode /	Auto FFT.	Hoppi	2.405	4.66 d 505000 0 -49.84 d
Band Ed Spectrum Ref Level 20.0 Att SGL Count 1200 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm 01 -	0 dBm Of 35 dB SV /1200	fset 2.38 VT 227.5	dB 🖷 F	T 3-DH5 RBW 100 kHz	24021V Mode /	Auto FFT.	Hoppi	2.405	4.66 d 505000 0 -49.84 d
Band Ec           Spectrum           Ref Level 20.0           Att           SGL Count 1200           • IPk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm	0 dBm Of 35 dB SV /1200	fset 2.38 VT 227.5	dB 🖷 F	T 3-DH5 RBW 100 kHz	24021V Mode /	Auto FFT.	Hoppi	2.405	4.66 d 505000 0 -49.84 d
Band Ed           Spectrum           Ref Level 20.0           Att           SGL Count 1200           ● 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	0 dBm Of 35 dB SV /1200	fset 2.38 VT 227.5	dB • Γ μs • Υ	T 3-DH5 RBW 100 kHz YBW 300 kHz	2402N	Auto FFT.	Hoppi	2.405	4.66 d 505000 0 -49.84 d
Band Ec           Spectrum           Ref Level 20.0           Att           SGL Count 1200           • IPk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm	0 dBm Of 35 dB Sv /1200	fset 2.38 VT 227.5	dB • Γ μs • Υ	T 3-DH5 RBW 100 kHz YBW 300 kHz	2402N	Auto FFT.	Hoppi	2.405	4.66 d
Band Ec           Spectrum           Ref Level 20.0           Att           SGL Count 1200           • IPk Max           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	0 dBm Of 35 dB Sv /1200	fset 2.38 VT 227.5	dB • Γ μs • Υ	T 3-DH5 RBW 100 kHz	2402N	Auto FFT.		2.405	4.66 d
Band Ec           Spectrum           Ref Level 20.0           Att           SGL Count 1200           • IPk Max           10 dBm           • 10 dBm           • 10 dBm           • 20 dBm           • 30 dBm           • 40 dBm	0 dBm Of 35 dB Sv /1200	fset 2.38 VT 227.5	dB • Γ μs • Υ	T 3-DH5 RBW 100 kHz YBW 300 kHz	2402N	Auto FFT.		2.405	4.66 d
Band Ed           Spectrum           Ref Level 20.0/ Att           SGL Count 1200           • IPk Max           10 dBm           • 10 dBm           • 0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm	0 dBm Of 35 dB Sv /1200	fset 2.38 VT 227.5	dB • Γ μs • Υ		2402N	Auto FFT.		2.405 2.400	4.66 d 505000 c 49.84 d 100000 c M
Band Ed           Spectrum           Ref Level 20.0           Att           SGL Count 1200           • IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           -70 dBm	0 dBm Of 35 dB Sv /1200	fset 2.38 VT 227.5	dB • Γ μs • Υ	T 3-DH5 RBW 100 kHz YBW 300 kHz	2402N	Auto FFT.		2.405 2.400	4.66 d
Band Ed           Spectrum           Ref Level 20.0/ Att           SGL Count 1200           • IPk Max           10 dBm           • 10 dBm           • 0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm	2 dBm Of 35 dB Sv /1200	fset 2.38 VT 227.5	dB • Γ μs • Υ		2402N	Auto FFT	wanter	2.405 2.400	4.66 d 505000 c 49.84 d 100000 c 100000 c 10000 c 100000 c 100000 c 100000 c 100000 c 100000 c 100000 c 100000 c 10000000000
Band Ed           Spectrum           Ref Level 20.0           Att           SGL Count 1200           ● 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.306 GHz           Marker           Type Ref Tr	2 0 dBm Of 35 dB SV /1200 14,903 dBm 	fset 2.38 VT 227.5	dв = т µs = 1 М4 М4 Нz	T 3-DH5 RBW 100 kHz yBW 300 kHz vBW 300 kHz intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention intervention interventinterventintervention intervention intervention interv	2402W	Auto FFT	wanter	2.405 2.400	4.66 d 505000 c 49.84 d 100000 c 100000 c 10000 c 100000 c 100000 c 100000 c 100000 c 100000 c 100000 c 100000 c 10000000000
Band Ec           Spectrum           Ref Level 20.0           Att           SGL Count 1200           ID dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm	2 dBm Of 35 dB Sv /1200	fset 2.38 VT 227.5	M4 M4 M4 Hz Hz	T 3-DH5	2402N	Auto FFT	wanter	2.405 2.400	4.66 d 505000 c 49.84 d 100000 c 100000 c 10000 c 100000 c 100000 c 100000 c 100000 c 100000 c 100000 c 100000 c 10000000000
Band Ed           Spectrum           Ref Level 20.00           Att           SGL Count 1200           • IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -70 dBm           Start 2.306 GH:           Marker           Type   Ref   Tr           M1	C > 1 1 4 903 dBm	fset 2.38 VT 227.5	M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M	T 3-DH5 RBW 100 kHz yBW 300 k	2402W Mode / M M M M M	Auto FFT	wanter	2.405 2.400	4.66 d 505000 c 49.84 d 100000 c 100000 c 10000 c 100000 c 100000 c 100000 c 100000 c 100000 c 100000 c 100000 c 10000000000





Ref Level Att	35 dB	SWT 18.		RBW 100 kHz VBW 300 kHz	Mode Au	to FFT			
SGL Count	8000/8000								
					MI	[1]		in sin	6.08 dB
10 dBm			_		141			2.48	015180 GH
man of	ma	ma	mos	mont	M				
0 dBm	w t		V.		1				
-10 dBm			_	-		-	-		
20 dPm									
-20 dBm									
-30 dBm		-		-		0			-
-40 dBm					h	M	-		1.22
	-								1.
-50 dBm			_				how	m	An
-60 dBm							_	1	
SU GBII						1			
-70 dBm			-						-
CF 2.48 GH	z			1001	pts			Spa	an 8.0 MHz
Spectrum Ref Level Att	20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz VBW 300 kHz	2480MI		1 Hoppi		10
Spectrum Ref Level	20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz	2480MI 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3	uto FFT.	1 Hoppi		ssion
Spectrum Ref Level Att SGL Count	20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz	2480MI 2 Mode Al	uto FFT.	1 Hoppi	ng Emi 2.47	5.59 dBi 815000 GF
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz	2480MI 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3	uto FFT.	1 Hoppin	ng Emi 2.47	Ssion
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz	2480MI 2 Mode Al	uto FFT.	1 Hoppi	ng Emi 2.47	5.59 dB/ 815000 GF -51.21 dB/
Spectrum Ref Level Att SGL Count 1Pk Max 100 dBm -10 dBm	20.00 dBm 35 dB	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz	2480MI 2 Mode Al	uto FFT.	1 Hoppin	ng Emi 2.47	5.59 dB/ 815000 GF -51.21 dB/
Spectrum Ref Level Att SGL Count 1Pk Max 101dBm -10 dBm	20.00 dBm 35 dB 1200/1200	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz	2480MI 2 Mode Al	uto FFT.	1 Hoppin	ng Emi 2.47	5.59 dB/ 815000 GF -51.21 dB/
Spectrum Ref Level Att SGL Count 1Pk Max 100 dBm -10 dBm	20.00 dBm 35 dB 1200/1200	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz	2480MI 2 Mode Al	uto FFT.	1 Hoppi	ng Emi 2.47	5.59 dB/ 815000 GF -51.21 dB/
Spectrum Ref Level Att SGL Count 1Pk Max 101 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBm 35 dB 1200/1200	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5 RBW 100 kHz	2480MI 2 Mode Al	uto FFT.	1 Hoppin	ng Emi 2.47	5.59 dB/ 815000 GF -51.21 dB/
Spectrum Ref Level Att SGL Count 1Pk Max 101dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 35 dB 1200/1200	Offset 2. SWT 227	42 dB 🖷	IT 3-DH5	2480MI 2 Mode Al M1 M2	uto FFT.		2.47	5.59 dB/ 5.59 dB/ 815000 GF -51.21 dB/ 355000 GF
Spectrum Ref Level Att SGL Count IN dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBm 35 dB 1200/1200	Offset 2. SWT 227	42 dB 7.5 μs	IT 3-DH5	2480MI 2 Mode Al M1 M2	uto FFT		2.47	5.59 dB/ 815000 GF -51.21 dB/
Spectrum Ref Level Att SGL Count 1Pk Max 101 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBm 35 dB 1200/1200	Offset 2. SWT 227	42 dB 7.5 μs	IT 3-DH5	2480MI 2 Mode Al M1 M2	uto FFT		2.47	5.59 dB/ 5.59 dB/ 815000 GF -51.21 dB/ 355000 GF
Spectrum Ref Level Att SGL Count IN Max IN dBm -10 cBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm	20.00 dBm 35 dB 1200/1200	Offset 2. SWT 227	42 dB 7.5 μs	IT 3-DH5	2480MI 2 Mode Al M1 M2	uto FFT		2.47	5.59 dBi 815000 GF -51.21 dBi 350000 GF
Spectrum Ref Level Att SGL Count • 1Pk Max • 1Pk Max • 0 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm	20.00 dBm 35 dB 1200/1200	Offset 2. SWT 227	42 dB 7.5 μs	IT 3-DH5	2480MI 2 Mode Al M1 M2	uto FFT		2.47	5.59 dB/ 5.59 dB/ 815000 GF -51.21 dB/ 355000 GF
Spectrum Ref Level Att SGL Count 1Pk Max 1WdBm -1D cBm -20 dBm -20 dBm -20 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	20.00 dBm 35 dB 1200/1200 D1 -13,924 wdw/w/W_LD 5 GHz	Offset 2. SWT 227	42 dB 7.5 μs	IT 3-DH5	2480MI	uto FFT [1] [1]		2.47	5.59 dB/ 5.59 dB/ 815000 GF -51.21 dB/ 355000 GF
Spectrum Ref Level Att SGL Count 1Pk Max 101 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm	20.00 dBm 35 dB 1200/1200 D1 -13,924 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Offset 2. SWT 227	42 dB 7.5 μs	IT 3-DH5	2480MI 2 Mode Al M1 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M1 M2 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	uto FFT [1] [1]		ng Emi 2.47 2.48	5.59 dB/ 5.59 dB/ 815000 GF -51.21 dB/ 355000 GF
Spectrum Ref Level Att SGL Count 1Pk Max 101 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm -50 dBm -70 dBm	20.00 dBm 35 dB 1200/1200 D1 -13,924 active to the second	Offset 2. SWT 227	42 dB 7.5 μs	IT 3-DH5 RBW 100 kH2 VBW 300 kH2 100	2480MI	uto FFT [1] [1]		ng Emi 2.47 2.48	5.59 dB/ 5.59 dB/ 815000 GF -51.21 dB/ 355000 GF
Spectrum Ref Level Att SGL Count IN Max IN dBm -10 cBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm	20.00 dBm 35 dB 1200/1200 D1 -13,924 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Offset 2. SWT 227	42 dB 7.5 μs	IT 3-DH5 RBW 100 kH2 VBW 300	2480MI	uto FFT [1] [1]		ng Emi 2.47 2.48	5.59 dB/ 5.59 dB/ 815000 GF -51.21 dB/ 355000 GF





## 8.9 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.82	-20	Pass
NVNT	1-DH5	2441	Ant1	-56.33	-20	Pass
NVNT	1-DH5	2480	Ant1	-57.11	-20	Pass
NVNT	2-DH5	2402	Ant1	-55.85	-20	Pass
NVNT	2-DH5	2441	Ant1	-56.39	-20	Pass
NVNT	2-DH5	2480	Ant1	-56.87	-20	Pass
NVNT	3-DH5	2402	Ant1	-55.54	-20	Pass
NVNT	3-DH5	2441	Ant1	-56.65	-20	Pass
NVNT	3-DH5	2480	Ant1	-51.11	-20	Pass





Spectrum Ref Level	20.00 dBn			RBW 100 kH		1.11.44.4			
SGL Count 5		SWT	18.9 µs 🖷 🕻	<b>VBW</b> 300 KH	z Mode	Auto FFT			
1Pk Max			1	Ĺ					
					1	MI[1]		2,4018	4.56 dBm 212060 GHz
10 dBm	_		M1			1-1-	- F		1
			1						
0 dBm			/						
-10 dBm			1				-		
	-								
-20 dBm	-	-			-	1	-		
-30 dBm			-			11			
-30 UBIN			1						
-40 dBm	_	-		-		-			
-50 dBm	_		1						
-60 dBm									
-70 dBm	-			-		+ +	-		
					1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.				
CF 2.402 GH	)( 				5 2402	MHz Ant1	Emissi		an 1.5 MHz
Spectrum Ref Level Att	Tx. 20,00 dBn 30 dE	Offset :	2.38 dB 🍙 F		5 2402	MHz Ant1	Emissi		
Spectrum Ref Level	Tx. 20,00 dBn 30 dE	Offset :	2.38 dB 🍙 F		5 2402 ¹² Mode	Auto Sweep	Emissi		
Spectrum Ref Level Att SGL Count 1 1Pk Max	Tx. 20,00 dBn 30 dE	Offset :	2.38 dB 🍙 F		5 2402 ¹² Mode		Emissi	on	(₩) 3.96 dBm
Spectrum Ref Level Att SGL Count 1 1Pk Max 10 dBm-wi	Tx. 20,00 dBn 30 dE	Offset :	2.38 dB 🍙 F		5 2402	Auto Sweep	Emissi	on 2	3.96 dBm 402070 GHz -51.26 dBm
Spectrum Ref Level Att SGL Count 1 1Pk Max	Tx. 20,00 dBn 30 dE	Offset :	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	on 2	(₩) 3.96 dBm 402070 GHz
Spectrum Ref Level Att SGL Count 1 ) IPk Max 10 dBm 0 dBm -10 dBm	Tx. 20.00 dBn 30 dE 0/10	Offset :	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	on 2	3.96 dBm 402070 GHz -51.26 dBm
Spectrum Ref Level Att SGL Count 1 1Pk Max 10 dBm -10 dBm	Tx. 20,00 dBn 30 dE	Offset :	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	on 2	3.96 dBm 402070 GHz -51.26 dBm
Spectrum Ref Level Att SGL Count 1 ) IPk Max 10 dBm -10 dBm -20 dBm	Tx. 20.00 dBn 30 dE 0/10	Offset :	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	on 2	3.96 dBm 402070 GHz -51.26 dBm
Spectrum Ref Level Att SGL Count 1 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	Tx. 20.00 dBn 30 dE 0/10	Offset :	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	on 2	3.96 dBm 402070 GHz -51.26 dBm
Spectrum Ref Level Att SGL Count 1 1Pk Max 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm-	Tx. 20,00 dBn 30 dE 0/10	Offset :	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	on 2	3.96 dBm 402070 GHz -51.26 dBm
Spectrum Ref Level Att SGL Count 1 1Pk Max 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm-	Tx. 20.00 dBn 30 dE 0/10	dBm	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	on 2	3.96 dBm 402070 GHz -51.26 dBm
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Spectrum Ref Level Att SGL Count 1 ) IPk Max 10 dBm 0 dBm -10 dBm	Tx. 20,00 dBn 30 dE 0/10	dBm	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	on 2	3.96 dBm 402070 GHz -51.26 dBm
Spectrum Ref Level Att SGL Count 1 IPK Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm	Tx. 20,00 dBm 30 dE 0/10	dBm	2.38 dB 🍙 F		5 2402	Auto Sweep M1[1]	Emissi	0n 2. 15.	3.96 dBm 402070 GHz -51.26 dBm 867883 GHz
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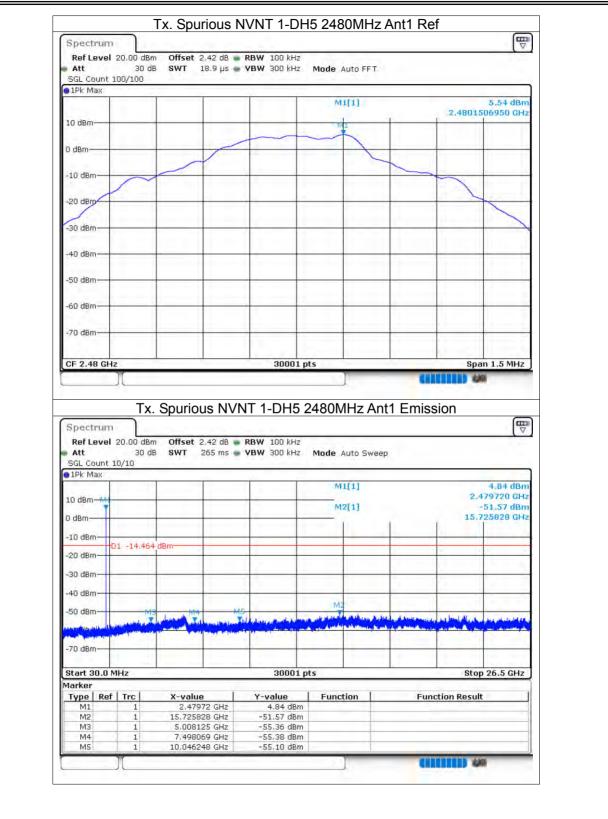






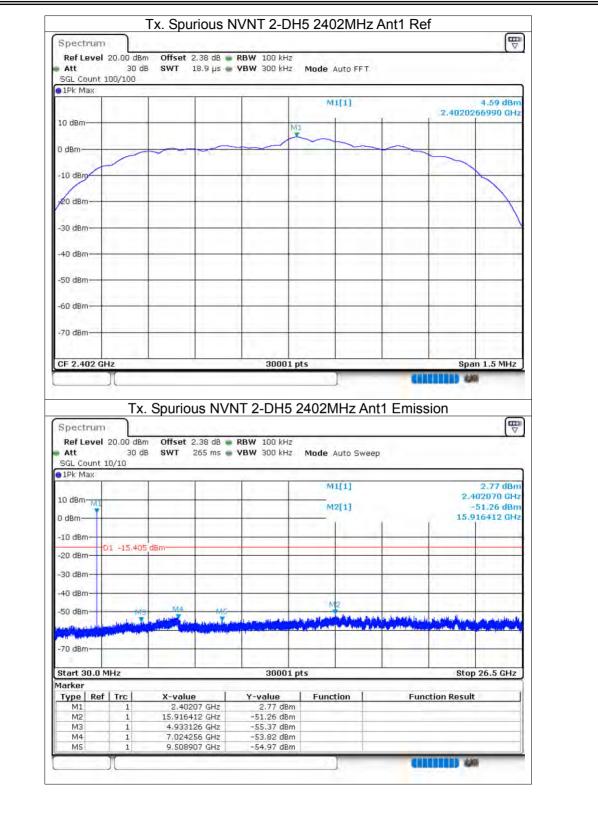






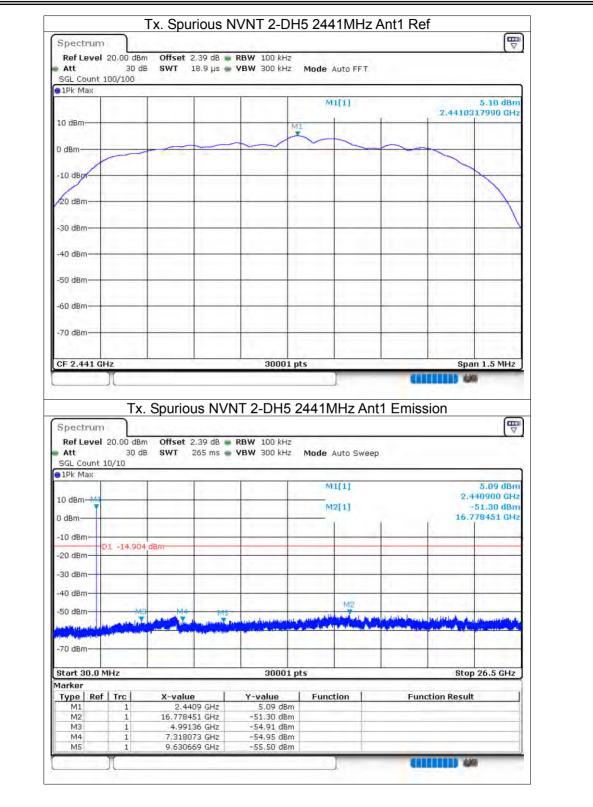






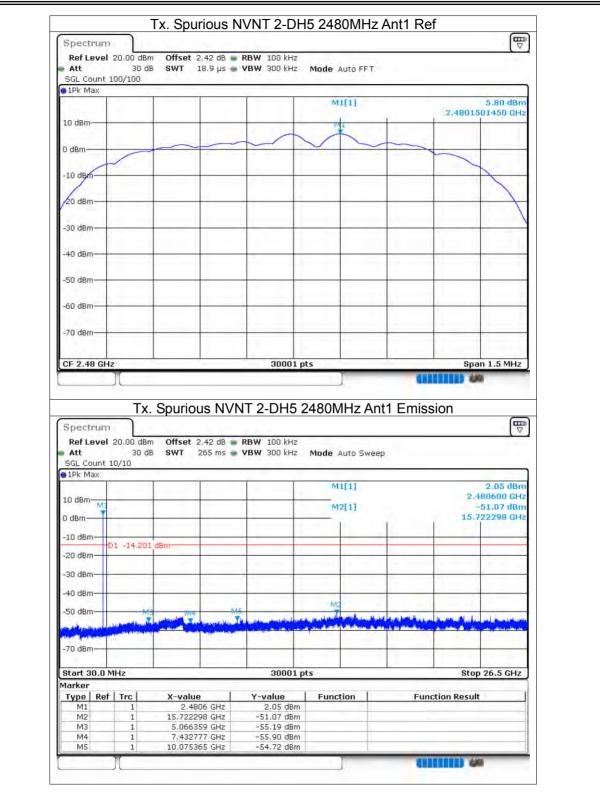












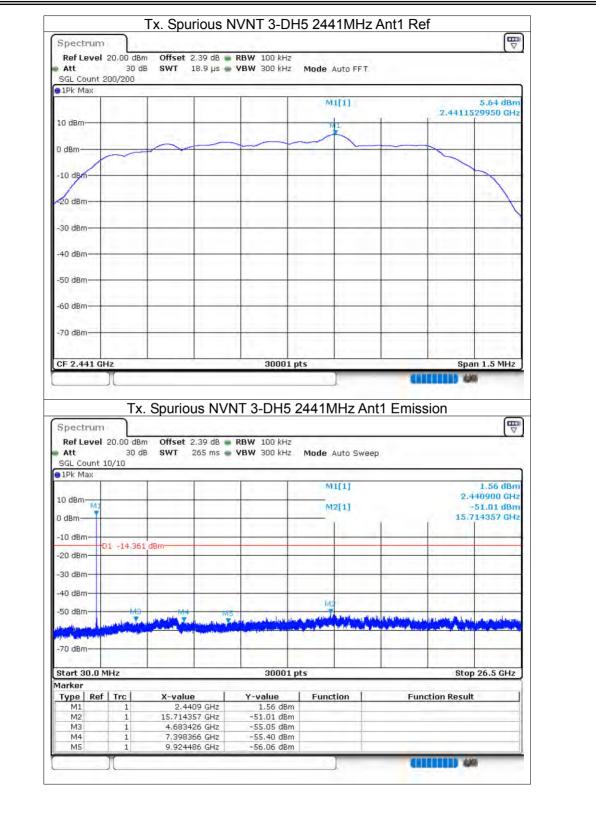




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Ref Le Att SGL Col	<b>vel</b> 20. unt 10/1	00 dBr 30 d	n Offset	2.38 dB 🖷	RBW 100 kHz	: <b>Mode</b> Auto S		Emiss	ion	
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Ref Le Att SGL Cou 1Pk Ma 10 dBm- 0 dBm- -10 dBm	evel 20.	00 dBr 30 d	m Offset B SWT	2.38 dB 🖷	RBW 100 kHz	Mode Auto S		Emiss	2.4	0.73 dBm 102070 GHz -51.29 dBm
Ref Le Att SGL Cou 1Pk Ma 10 dBm- 0 dBm- -10 dBm	evel 20.	00 dBr 30 d	m Offset B SWT	2.38 dB 🖷	RBW 100 kHz	Mode Auto S		Emiss	2.4	0.73 dBm 102070 GHz -51.29 dBm
Att SGL Col 1Pk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm	wel 20.	00 dBr 30 d	m Offset B SWT	2.38 dB 🖷	RBW 100 kHz	Mode Auto S		Emiss	2.4	0.73 dBm 102070 GHz -51.29 dBm
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Ref Le           Att           SGL Cor           IPK Ma           ID dBm-           0 dBm-           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -70 dBm           Start 30	20, unt 10/1 M1 D1 M2	00 dBr 30 d 0 -15,74	m Offset B SWT	2.38 dB 🖷	RBW 100 kHz YBW 300 kHz	Mode Auto S M1[1] M2[1]		Emiss	2.4 3.4	0.73 dBm i02070 GHz 51.29 dBm H17278 GHz
Ref Leg           Att           SGL Cool           SGL Cool           TO dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 30           Marker           Type	20, unt 10/1 M1 D1 M2	000 dB/m 30 d 00 	n Offset B SWT	2.38 dB 265 ms	RBW 100 kHz VBW 300 kHz 100	Mode Auto S M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[			2.4 3.4	0.73 dBm i02070 GHz 51.29 dBm H17278 GHz
Ref Le           Att           SGL Cool           1Pk Ma           10 dBm-           0 dBm-           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -70 dBm           Start 30           Marker           Type           M1	evel 20, unt 10/1 M1 D1 M2 M2 D.0 MHz	000 dBn 30 d 00 -15,74%	m Offset B SWT	2.38 dB 265 ms	RBW 100 kHz VBW 300 kHz 100 kHz 300 kHz 300 kHz 300 kHz 300 kHz 300 kHz 40 kHz 300 kHz 40 kHz 300 kHz 40 kHz 300 kHz 40	Mode Auto S M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]			2.4 3.4	0.73 dBm i02070 GHz 51.29 dBm H17278 GHz
Ref Le           Att           SGL Cor           IPK Ma           IPK Ma           ID dBm-           0 dBm-           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           Stort 30           Marker           Type             M1           M2	evel 20, unt 10/1 M1 D1 M2 M2 D.0 MHz	00 dB _{in} 30 d .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	m Offset B SWT	2.38 dB 265 ms	RBW 100 kHz VBW 300 kHz 300 kH	Mode Auto S M1[1] M2[1] M2[1] pts Function n			2.4 3.4	0.73 dBm i02070 GHz 51.29 dBm H17278 GHz
Ref Le           Att           SGL Cool           1Pk Ma           10 dBm-           0 dBm-           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -70 dBm           Start 30           Marker           Type           M1	evel 20, unt 10/1 M1 D1 M2 M2 D.0 MHz	000 dBn 30 d 00 -15,74%	m Offset B SWT	2.38 dB 265 ms	RBW 100 kHz VBW 300 kHz 100 kHz 300 kHz 300 kHz 300 kHz 300 kHz 300 kHz 40 kHz 300 kHz 40 kHz 300 kHz 40 kHz 300 kHz 40	Mode Auto S M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]			2.4 3.4	0.73 dBm i02070 GHz 51.29 dBm H17278 GHz
Ref Le           Att           SGL Cor           SGL Cor           TPK Ma           TO dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 30           Marker           Type           M1           M2           M3	evel 20, unt 10/1 M1 D1 M2 M2 D.0 MHz	00 dB/i 30 d .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	m Offset B SWT	2.38 dB 265 ms	RBW 100 kHz VBW 300 kHz VBW 300 kHz 300 kHz 300 kHz 4 300 kH	Mode Auto S M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]			2.4 3.4	0.73 dBm i02070 GHz 51.29 dBm H17278 GHz
Ref Leg           Att           SGL Cool           1Pk Ma           10 dBm-           0 dBm-           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm           Marker           Type             M1           M2           M3           M4	evel 20, unt 10/1 M1 D1 M2 M2 D.0 MHz	000 dBm 30 d 00 	m Offset B SWT	2.38 dB 265 ms	RBW 100 kHz VBW 300 kHz VBW 300 kHz 300 kHz 300 kHz 300 kHz 4 300 kHz	Mode Auto S M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]			2.4 3.4	0.73 dBm i02070 GHz 51.29 dBm H17278 GHz

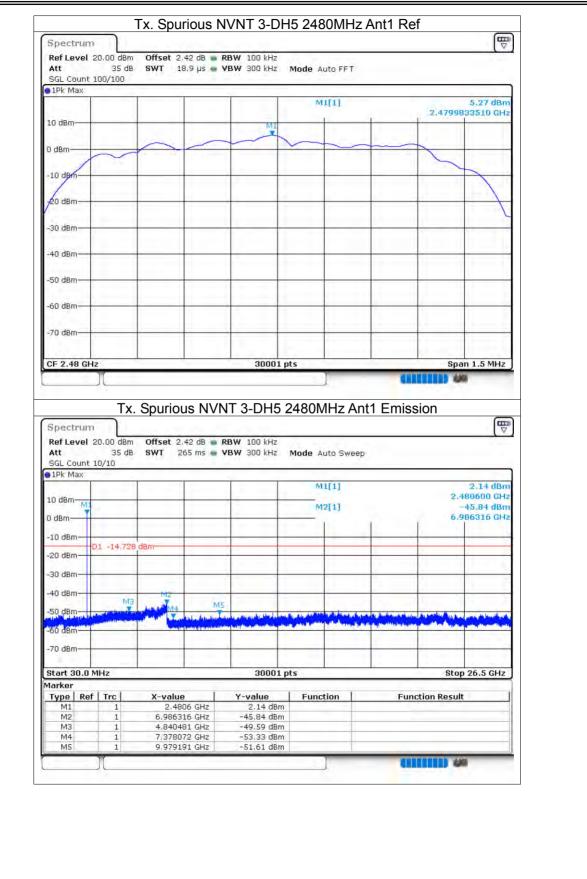












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