



RADIO TEST REPORT FCC ID: 2AT9T-3103

Product: Mobile Phone

Trade Mark: ulefone

Model No.: GQ3103

Family Model: Power Armor 16 Pro, Power Armor 16, Power Armor 16S, Power Armor 16E, Power Armor 16P, Power Armor 16 Plus, Power Armor 16 Lite Report No.: STR220705005001E

Issue Date: Aug 04. 2022

Prepared for

Shenzhen Ulefone Technology Co., Ltd.

7A01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China

Prepared by

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





I

TABLE OF CONTENTS

1 TE	ST RESULT CERTIFICATION	3
2 SU	MMARY OF TEST RESULTS	4
3 FA	CILITIES AND ACCREDITATIONS	5
3.1	FACILITIES	
3.2 3.3	LABORATORY ACCREDITATIONS AND LISTINGS MEASUREMENT UNCERTAINTY	
4 GE	NERAL DESCRIPTION OF EUT	6
5 DE	SCRIPTION OF TEST MODES	8
6 SE	FUP OF EQUIPMENT UNDER TEST	9
6.1	BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM	9
6.2	SUPPORT EQUIPMENT	
6.3	EQUIPMENTS LIST FOR ALL TEST ITEMS	
7 TE	ST REQUIREMENTS	
7.1	CONDUCTED EMISSIONS TEST	
7.2	RADIATED SPURIOUS EMISSION	
7.3 7.4	NUMBER OF HOPPING CHANNEL HOPPING CHANNEL SEPARATION MEASUREMENT	
7.4	AVERAGE TIME OF OCCUPANCY (DWELL TIME)	
7.6	20DB BANDWIDTH TEST	
7.7	PEAK OUTPUT POWER	
7.8	CONDUCTED BAND EDGE MEASUREMENT.	
7.9	SPURIOUS RF CONDUCTED EMISSION	
7.10	ANTENNA APPLICATION	
7.11	FREQUENCY HOPPING SYSTEM (FHSS) EQUIPMENT REQUIREMENTS	
8 TE	ST RESULTS	
8.1	DWELL TIME	35
8.2	MAXIMUM CONDUCTED OUTPUT POWER	
8.3	OCCUPIED CHANNEL BANDWIDTH	
8.4	CARRIER FREQUENCIES SEPARATION	
8.5	NUMBER OF HOPPING CHANNEL	
8.6	BAND EDGE	61
8.7	CONDUCTED RF SPURIOUS EMISSION	74





1 TEST RESULT CERTIFICATION

Applicant's name:	Shenzhen Ulefone Technology Co., Ltd.
Address:	7A01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China
Manufacturer's Name:	Shenzhen Ulefone Technology Co., Ltd.
Address:	7A01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China
Product description	
Product name:	Mobile Phone
Model and/or type reference:	GQ3103
Family Model:	Power Armor 16 Pro, Power Armor 16, Power Armor 16S, Power Armor 16E, Power Armor 16P, Power Armor 16 Plus, Power Armor 16 Lite
Sample number	T220705002R003

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 06, 2022 ~ Aug 01, 2022
Testing Engineer	:	Johan Lin
		(Allen Liu)
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	All emissions, radiated(30MHz~1GHz)	±2.64dB
5	All emissions, radiated(1GHz~6GHz)	±2.40dB
6	All emissions, radiated(>6GHz)	±2.52dB
7	Temperature	±0.5°C
8	Humidity	±2%
9	All emissions, radiated(9KHz~30MHz)	±6dB





4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification			
Equipment	Mobile Phone		
Trade Mark	ulefone		
FCC ID	2AT9T-3103		
Model No.	GQ3103		
Family Model	Power Armor 16 Pro, Power Armor 16, Power Armor 16S, Power Armor 16E, Power Armor 16P, Power Armor 16 Plus, Power Armor 16 Lite		
Model Difference	All models are the same circuit and RF module, except the model name.		
Operating Frequency	2402MHz~2480MHz		
Modulation	GFSK, π/4-DQPSK, 8-DPSK		
Number of Channels	79 Channels		
Antenna Type	PIFA Antenna		
Antenna Gain	1.5 dBi		
Adapter	Model: HJ-FC038K7-US Input: 100-240V~50/60Hz 0.6A Output: 5V3.0A OR 9V2.0A OR 12V1.5A		
Battery	DC 3.85V, 9600mAh		
Power supply	DC 3.85V from battery or DC 5V from Adapter.		
HW Version	F7_01		
SW Version	Power Armor 16 Pro_SH1_EEA_V01		

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	
STR220705005001E	Rev.01	Initial issue of report	Aug 04, 2022	
	1	1	1	





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		
Nete AO a superior line. Open de stad Enciencia en estado en de enciencia en esta de enciencia		

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

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

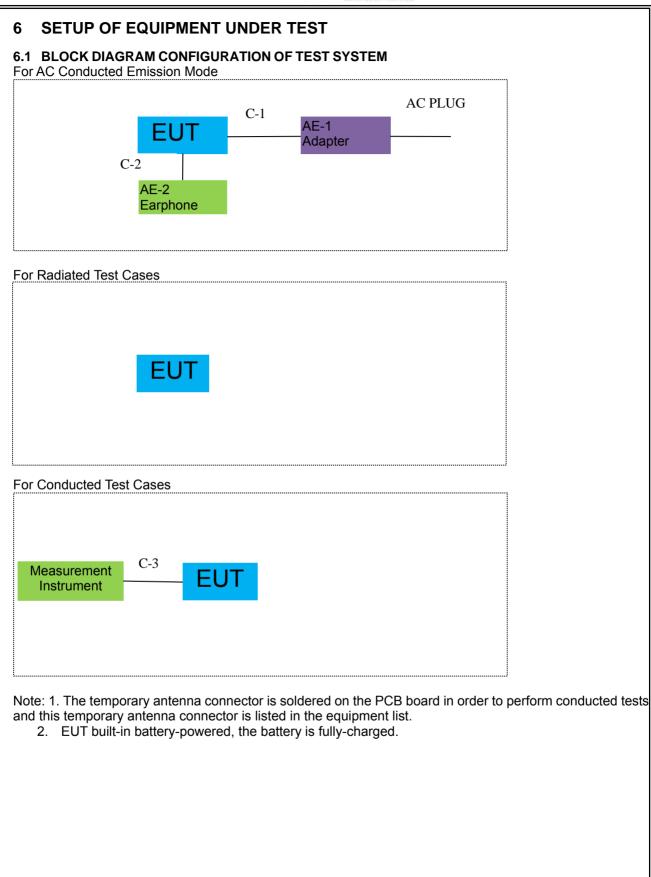
Note: For radiated test cases, the worst mode data rate 1Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission.

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

Note: The engineering 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	HJ-FC038K7-US	N/A	Peripherals
AE-2 Earphone		N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	USB Cable	NO	NO	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

Vaulatio		estequipment					
Item	Equipment		Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Aglient	E4407B	MY45108040	2022.04.06	2023.04.05	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2022.04.06	2023.04.05	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2022.04.06	2023.04.05	1 year
4	Test Receiver	R&S	ESPI7	101318	2022.04.06	2023.04.05	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2022.03.30	2023.03.29	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
7	Horn Antenna	EM	EM-AH-1018 0	2011071402	2022.03.31	2023.03.30	1 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2021.11.07	2022.11.06	1 year
9	Amplifier	EMC	EMC051835 SE	980246	2022.06.17	2023.06.16	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2021.11.07	2022.11.06	1 year
11	Power Meter	DARE	RPR3006W	15I00041SN O84	2021.11.07	2022.11.06	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2019.08.06	2022.08.05	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2019.08.06	2022.08.05	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	2021.11.07	2022.11.06	1 year
16	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

Note:

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





AC Co	AC Conduction Test equipment						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2022.04.06	2023.04.05	1 year
2	LISN	R&S	ENV216	101313	2022.04.06	2023.04.05	1 year
3	LISN	SCHWARZBE CK	NNLK 8129	8129245	2022.04.06	2023.04.05	1 year
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2020.05.11	2023.05.10	3 year
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2020.05.11	2023.05.10	3 year
6	Test Cable (9KHz-30MH z)	N/A	C02	N/A	2020.05.11	2023.05.10	3 year
7	Test Cable (9KHz-30MH z)	N/A	C03	N/A	2020.05.11	2023.05.10	3 year

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





7 TEST REQUIREMENTS

7.1 CONDUCTED EMISSIONS TEST

7.1.1 Applicable Standard

According to FCC Part 15.207(a)

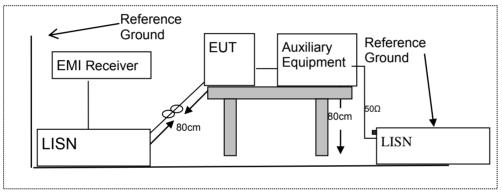
7.1.2 Conformance Limit

	Conducted	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





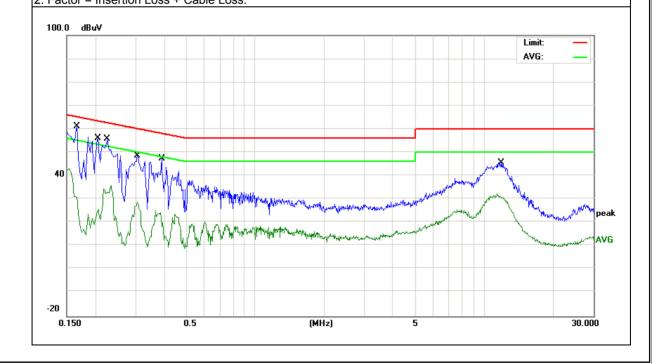
7.1.6 Test Results

EUT:	Mobile Phone	Model Name :	GQ3103
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	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	- Remark
0.1660	51.45	9.61	61.06	65.15	-4.09	QP
0.1660	41.41	9.61	51.02	55.15	-4.13	AVG
0.2058	46.31	9.62	55.93	63.37	-7.44	QP
0.2058	36.07	9.62	45.69	53.37	-7.68	AVG
0.2260	46.18	9.63	55.81	62.59	-6.78	QP
0.2260	35.72	9.63	45.35	52.59	-7.24	AVG
0.3059	38.83	9.64	48.47	60.08	-11.61	QP
0.3059	28.72	9.64	38.36	50.08	-11.72	AVG
0.3899	37.73	9.65	47.38	58.06	-10.68	QP
0.3899	28.04	9.65	37.69	48.06	-10.37	AVG
11.8978	35.62	9.99	45.61	60.00	-14.39	QP
11.8978	25.69	9.99	35.68	50.00	-14.32	AVG

Remark:

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



NTEK 北测[®]



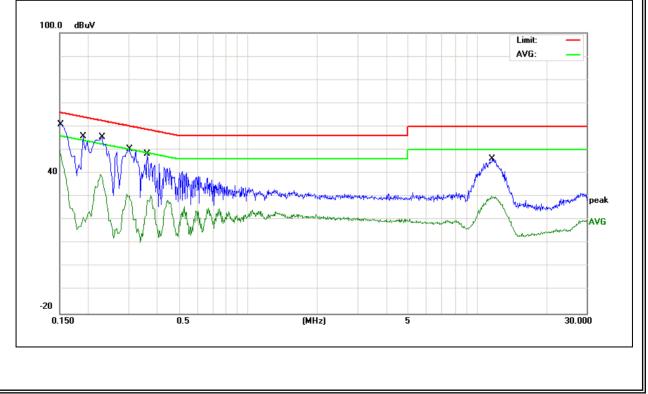
EUT:	Mobile Phone	Model Name :	GQ3103
Temperature:	25 ℃	Relative Humidity:	62%
Pressure:	1010hPa	Phase :	Ν
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Demeril
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1539	50.67	9.65	60.32	65.78	-5.46	QP
0.1539	40.37	9.65	50.02	55.78	-5.76	AVG
0.1900	45.99	9.63	55.62	64.03	-8.41	QP
0.1900	36.03	9.63	45.66	54.03	-8.37	AVG
0.2300	45.79	9.62	55.41	62.45	-7.04	QP
0.2300	35.74	9.62	45.36	52.45	-7.09	AVG
0.3019	40.58	9.64	50.22	60.19	-9.97	QP
0.3019	30.61	9.64	40.25	50.19	-9.94	AVG
0.3618	38.46	9.66	48.12	58.69	-10.57	QP
0.3618	28.99	9.66	38.65	48.69	-10.04	AVG
11.6539	36.12	9.94	46.06	60.00	-13.94	QP
11.6539	26.75	9.94	36.69	50.00	-13.31	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 00 1 dit 10.20	According to 1 CC 1 art 13:203, restricted bands							
MHz	MHz	MHz	GHz					
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15					
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46					
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75					
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5					
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2					
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5					
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7					
6.26775-6.26825	123-138	2200-2300	14.47-14.5					
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2					
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4					
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12					
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0					
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8					
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5					
12.57675-12.57725	322-335.4	3600-4400	(2)					
13.36-13.41								

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

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

Limits of Radiated Emission Measurement(Above 1000MHz)

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

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

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

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

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

For Frequency above 30MHz:

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

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



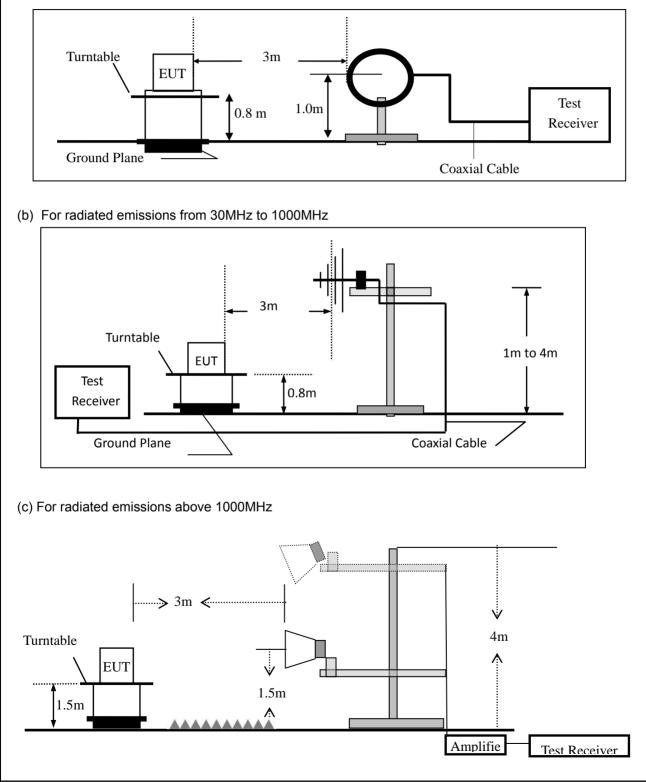


7.2.3 Measuring Instruments

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 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					
Abaua 1000	Peak	1 MHz	1 MHz					
Above 1000	Average	1 MHz	1 MHz					

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

7.2.6 Test Results

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

EUT:	Mobile Phone	Model No.:	GQ3103
Temperature:	20 °C	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Allen Liu

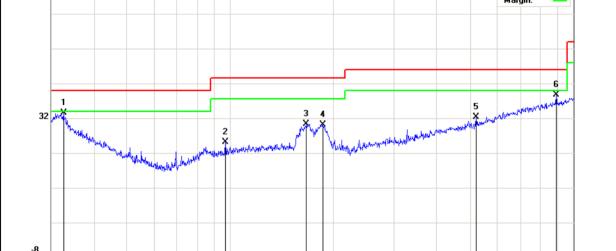
Freq.	Ant.Pol.	Emission L	.evel(dBuV/m)	Limit 3	m(dBuV/m)	Over(dB) PK AV		
(MHz)	H/V	PK	AV	PK	AV	PK	AV	

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: EUT: Mobile Phone Model Name : GQ3103 **25**℃ 55% Temperature: Relative Humidity: Pressure: 1010hPa Test Mode: Mode 3 GFSK DC 3.85V Test Voltage : Emission Meter Frequency Factor Limits Margin Polar Reading Level Remark (H/V) (MHz) (dBuV) (dB) (dBuV/m) (dBuV/m) (dB) V 32.6340 9.06 24.52 33.58 40.00 -6.42 QP 96.7749 17.48 25.20 43.50 QP V 7.72 -18.30 V 17.38 166.6514 12.93 30.31 43.50 -13.19 QP V 186.4408 13.59 16.56 30.15 43.50 -13.35 QP V 520.8882 6.99 25.31 32.30 46.00 -13.70 QP QΡ V 890.7278 8.36 30.41 38.77 46.00 -7.23 **Remark:** Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m Limit: Margin:



(MHz)

300

400

500

600 700

1000.000

30.000

40

50

60

70 80

NTEK 北测[®]



Polar (H/V) Prequency Reading Practor Level Linits Margin Ren H 30.8535 5.97 25.82 31.79 40.00 -8.21 Q H 30.8535 5.97 25.82 31.79 40.00 -8.21 Q H 34.7601 6.14 23.48 29.62 40.00 -10.38 Q H 183.2005 12.23 16.66 28.89 43.50 -14.61 Q H 605.6592 7.26 26.61 33.87 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 46.00 -5.76 Q 32 4 30.41 39.85 46.00 -6.15 Q 4
H 34.7601 6.14 23.48 29.62 40.00 -10.38 Q H 183.2005 12.23 16.66 28.89 43.50 -14.61 Q H 605.6592 7.26 26.61 33.87 46.00 -12.13 Q H 827.4934 10.79 29.45 40.24 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit -6.15 Q J2.0 dBuV/m -5.6 -5.6 -5.6 -5.6 32 2 -3 -4.00 -5.6 -5.6 32 2 -3 -4.00 -5.6 -5.6
H 183.2005 12.23 16.66 28.89 43.50 -14.61 Q H 605.6592 7.26 26.61 33.87 46.00 -12.13 Q H 827.4934 10.79 29.45 40.24 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m dBuV/m 5.6 72.0 dBuV/m dBuV/m 4 4 4 4 4
H 605.6592 7.26 26.61 33.87 46.00 -12.13 Q H 827.4934 10.79 29.45 40.24 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit Vision Level - Limit Margin:
H 827.4934 10.79 29.45 40.24 46.00 -5.76 Q H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m Imit:
H 890.7278 9.44 30.41 39.85 46.00 -6.15 Q Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m
Remark: Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m
Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 72.0 dBuV/m
$32 \frac{1}{1} \frac{3}{1} \frac$
$32\frac{1}{2}$
The design of the second se
-8 30.000 40 50 60 70 80 (MHz) 300 400 500 600 700 1000.000
30.000 40 30 00 70 00 (MH2) 300 400 300 000 700 1000.000





 Spurious Emission Above 1GHz (1GHz to 25GHz) 										
					Aodel No.: GQ3103					
Temperature	: 20	°C		Rela	ative Humidity	/:	48%			
Test Mode:	Мо	de2/Mode	e3/Mode4	Tes	t By:		Allen	Liu		
All the modulation modes have been tested, and the worst result was report as below:										
Frequency	Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	Li	mits	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dB	µV/m)	(dB)		
		-	Low Char	nel (240	2 MHz)(GFSK)	Abo	ve 1G			-
4804.214	62.87	5.21	35.59	44.30	59.37	74	4.00	-14.63	Pk	Vertical
4804.214	40.34	5.21	35.59	44.30	36.84	54	4.00	-17.16	AV	Vertical
7206.265	61.02	6.48	36.27	44.60	59.17	74	4.00	-14.83	Pk	Vertical
7206.265	43.71	6.48	36.27	44.60	41.86	54	4.00	-12.14	AV	Vertical
4804.109	61.66	5.21	35.55	44.30	58.12	74	4.00	-15.88	Pk	Horizontal
4804.109	43.04	5.21	35.55	44.30	39.50	54	4.00	-14.50	AV	Horizontal
7206.224	64.18	6.48	36.27	44.52	62.41	74	4.00	-11.59	Pk	Horizontal
7206.224	47.91	6.48	36.27	44.52	46.14		4.00	-7.86	AV	Horizontal
		1	Mid Chan	nel (2442	MHz)(GFSK)	-Abo	ve 1G			
4882.396	64.16	5.21	35.66	44.20	60.83	74	4.00	-13.17	Pk	Vertical
4882.396	43.04	5.21	35.66	44.20	39.71	54	4.00	-14.29	AV	Vertical
7323.241	60.98	7.10	36.50	44.43	60.15	74	4.00	-13.85	Pk	Vertical
7323.241	46.94	7.10	36.50	44.43	46.11		4.00	-7.89	AV	Vertical
4882.108	62.06	5.21	35.66	44.20	58.73		4.00	-15.27	Pk	Horizontal
4882.108	49.67	5.21	35.66	44.20	46.34	54	4.00	-7.66	AV	Horizontal
7323.132	61.37	7.10	36.50	44.43	60.54		4.00	-13.46	Pk	Horizontal
7323.132	41.92	7.10	36.50	44.43	41.09		4.00	-12.91	AV	Horizontal
		1	High Chan	inel (2480) MHz)(GFSK)	Abo	ove 1G			
4960.397	67.28	5.21	35.52	44.21	63.80		4.00	-10.20	Pk	Vertical
4960.397	42.69	5.21	35.52	44.21	39.21		4.00	-14.79	AV	Vertical
7440.201	60.67	7.10	36.53	44.60	59.70	74	4.00	-14.30	Pk	Vertical
7440.201	46.31	7.10	36.53	44.60	45.34		4.00	-8.66	AV	Vertical
4960.225	68.00	5.21	35.52	44.21	64.52		4.00	-9.48	Pk	Horizontal
4960.225	47.89	5.21	35.52	44.21	44.41	54	4.00	-9.59	AV	Horizontal
7440.298	60.63	7.10	36.53	44.60	59.66		4.00	-14.34	Pk	Horizontal
7440.298	45.63	7.10	36.53	44.60	44.66	54	4.00	-9.34	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 Emission in Restricted Band 2310-2390MHz and 2483.5-2500MHz											
EU	T:	Mobile Phone Model No.: 0						GQ3	103			
Те	mperature:	: 20 °C Relative Humidity: 4						48%				
Te	st Mode:	Mode2/ M	lode4		Т	est E	Зу:		Aller	n Liu		
Al	the modul	ation mod	es have	been test	ed, an	d the	e worst res	ult wa	is rep	ort as be	low:	
	Frequency	Meter Reading	Cable Loss	Antenna Factor	Prear Facto		Emission Level	Lim	iits	Margin	Detector	Comment
	(MHz)	(dBµV)	(dB)	dB/m	(dB))	(dBµV/m)	(dBµ	V/m)	(dB)	Туре	
					1Mbps	(GFS	K)-Non-hoppi	ing				
	2310.00	57.78	2.97	27.80	43.8	0	44.75	74	4	-29.25	Pk	Horizontal
	2310.00	44.11	2.97	27.80	43.8	0	31.08	54	4	-22.92	AV	Horizontal
	2310.00	59.10	2.97	27.80	43.8	0	46.07	74	4	-27.93	Pk	Vertical
	2310.00	43.23	2.97	27.80	43.8	0	30.20	54	4	-23.80	AV	Vertical
	2390.00	59.06	3.14	27.21	43.8	0	45.61	74	4	-28.39	Pk	Vertical
	2390.00	43.09	3.14	27.21	43.8	0	29.64	54	4	-24.36	AV	Vertical
	2390.00	57.91	3.14	27.21	43.8	0	44.46	74	4	-29.54	Pk	Horizontal
	2390.00	42.63	3.14	27.21	43.8	0	29.18	54	4	-24.82	AV	Horizontal
	2483.50	58.55	3.58	27.70	44.0	0	45.83	74	4	-28.17	Pk	Vertical
	2483.50	43.18	3.58	27.70	44.0	0	30.46	54	4	-23.54	AV	Vertical
	2483.50	59.94	3.58	27.70	44.0	0	47.22	74	4	-26.78	Pk	Horizontal
	2483.50	42.99	3.58	27.70	44.0	0	30.27	54	4	-23.73	AV	Horizontal
					1Mb	ps(Gl	FSK)-hopping	J				
	2310.00	52.44	2.97	27.80	43.8	0	39.41	74.	00	-34.59	Pk	Vertical
	2310.00	41.85	2.97	27.80	43.8	0	28.82	54.	00	-25.18	AV	Vertical
	2310.00	52.09	2.97	27.80	43.8	0	39.06	74.	00	-34.94	Pk	Horizontal
	2310.00	40.74	2.97	27.80	43.8	0	27.71	54.	00	-26.29	AV	Horizontal
	2390.00	51.82	3.14	27.21	43.8	0	38.37	74.	00	-35.63	Pk	Vertical
	2390.00	40.82	3.14	27.21	43.8	0	27.37	54.	00	-26.63	AV	Vertical
	2390.00	51.43	3.14	27.21	43.8	0	37.98	74.	00	-36.02	Pk	Horizontal
	2390.00	42.40	3.14	27.21	43.8	0	28.95	54.	00	-25.05	AV	Horizontal
	2483.50	51.65	3.58	27.70	44.0	0	38.93	74.	00	-35.07	Pk	Vertical
	2483.50	41.94	3.58	27.70	44.0	0	29.22	54.	00	-24.78	AV	Vertical
	2483.50	50.50	3.58	27.70	44.0	0	37.78	74.	00	-36.22	Pk	Horizontal
	2483.50	42.99	3.58	27.70	44.0	0	30.27	54.	00	-23.73	AV	Horizontal

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





Spurious	s Emis	sion	in Restri	cted Band	326	30MHz	z-18000MHz	Z				
EUT:	EUT: Mobile Phone			Mode	el No.:		GQ31	3103				
Temperature	e:	20 °	с			Relat	ive Humidity	y:	48%			
Test Mode:		Mor	de2/ Mod	le4		Test I	By:		Allen	Liu		
All the modu	ulation	mo	des have	been test	ed, a	and th	e worst resi	ult wa	is repo	ort as belo	ow:	
Frequency	Readi Leve	0	Cable Loss	Antenna Factor		eamp actor	Emission Level	Lir	mits	Margin	Detector	Comment
(MHz)	(dBµ	V)	(dB)	dB/m	((dB)	(dBµV/m)	(dBj	uV/m)	(dB)	Туре	
3260	60.6	i2	4.04	29.57	4	4.70	49.53	7	74	-24.47	Pk	Vertical
3260	56.2	<u>'</u> 9	4.04	29.57	4	4.70	45.20	Ę	54	-8.80	AV	Vertical
3260	61.1	1	4.04	29.57	4	4.70	50.02	7	74	-23.98	Pk	Horizontal
3260	57.2	6	4.04	29.57	4/	4.70	46.17	Ę	54	-7.83	AV	Horizontal
3332	64.8	8	4.26	29.87	4	4.40	54.61	7	74	-19.39	Pk	Vertical
3332	53.9	/6	4.26	29.87	4	4.40	43.69	Ę	54	-10.31	AV	Vertical
3332	62.9	16	4.26	29.87	4	4.40	52.69	7	74	-21.31	Pk	Horizontal
3332	54.1	1	4.26	29.87	4	4.40	43.84	Ę	54	-10.16	AV	Horizontal
17797	44.4	,2	10.99	43.95	4:	3.50	55.86	7	74	-18.14	Pk	Vertical
17797	32.8	,9	10.99	43.95	4:	3.50	44.33	Ę	54	-9.67	AV	Vertical
17788	44.8	J1	11.81	43.69	4	4.60	55.71	7	74	-18.29	Pk	Horizontal
17788	32.5	6	11.81	43.69	4	4.60	43.46	Ę	54	-10.54	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.:	GQ3103
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode 5(1Mbps)	Test By:	Allen Liu





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.:	GQ3103
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Allen Liu





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.:	GQ3103
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	48% Allen Liu

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.:	GQ3103
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Allen Liu





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.:	GQ3103
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Allen Liu





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.:	GQ3103
Temperature:	20 °C	Relative Humidity:	48%
Test Mode:	Mode2 /Mode4/ Mode 5	Test By:	GQ3103 48% Allen Liu





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: 1.5dBi). 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.

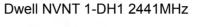


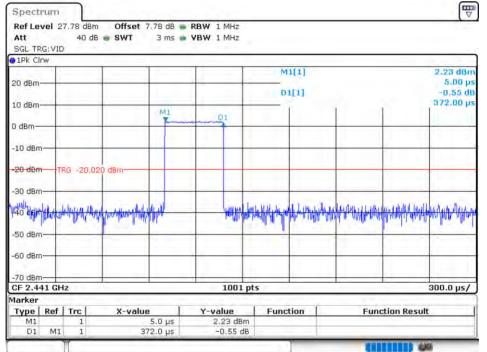


8 TEST RESULTS

8.1 DWELL TIME

Mode	Frequency	Pulse Time	Total Dwell	Period Time	Limit	Verdict
	(MHz)	(ms)	Time (ms)	(ms)	(ms)	
1-DH1	2441	0.372	119.04	31600	400	Pass
1-DH3	2441	1.625	260	31600	400	Pass
1-DH5	2441	2.88	307.2	31600	400	Pass
2-DH1	2441	0.381	121.92	31600	400	Pass
2-DH3	2441	1.635	261.6	31600	400	Pass
2-DH5	2441	2.872	306.347	31600	400	Pass
3-DH1	2441	0.383	122.4	31600	400	Pass
3-DH3	2441	1.625	260	31600	400	Pass
3-DH5	2441	2.872	306.347	31600	400	Pass
	Mode 1-DH1 1-DH3 1-DH5 2-DH1 2-DH3 2-DH5 3-DH1 3-DH3	Mode Frequency (MHz) 1-DH1 2441 1-DH3 2441 1-DH5 2441 2-DH1 2441 2-DH3 2441 2-DH5 2441 3-DH1 2441 3-DH3 2441	Mode Frequency (MHz) Pulse Time (ms) 1-DH1 2441 0.372 1-DH3 2441 1.625 1-DH5 2441 2.88 2-DH1 2441 0.381 2-DH3 2441 1.635 2-DH5 2441 0.381 3-DH1 2441 0.383 3-DH3 2441 1.625	Mode Frequency (MHz) Pulse Time (ms) Total Dwell Time (ms) 1-DH1 2441 0.372 119.04 1-DH3 2441 1.625 260 1-DH5 2441 2.88 307.2 2-DH1 2441 0.381 121.92 2-DH3 2441 1.635 261.6 2-DH5 2441 2.872 306.347 3-DH1 2441 0.383 122.4 3-DH3 2441 1.625 260	Mode Frequency (MHz) Pulse Time (ms) Total Dwell Time (ms) Period Time (ms) 1-DH1 2441 0.372 119.04 31600 1-DH3 2441 1.625 260 31600 1-DH5 2441 2.88 307.2 31600 2-DH1 2441 0.381 121.92 31600 2-DH3 2441 1.635 261.6 31600 2-DH5 2441 2.872 306.347 31600 3-DH1 2441 0.383 122.4 31600 3-DH3 2441 1.625 260 31600	Mode Frequency (MHz) Pulse Time (ms) Total Dwell Time (ms) Period Time (ms) Limit (ms) 1-DH1 2441 0.372 119.04 31600 400 1-DH3 2441 1.625 260 31600 400 1-DH5 2441 2.88 307.2 31600 400 2-DH1 2441 0.381 121.92 31600 400 2-DH3 2441 1.635 261.6 31600 400 2-DH5 2441 2.872 306.347 31600 400 3-DH1 2441 0.383 122.4 31600 400





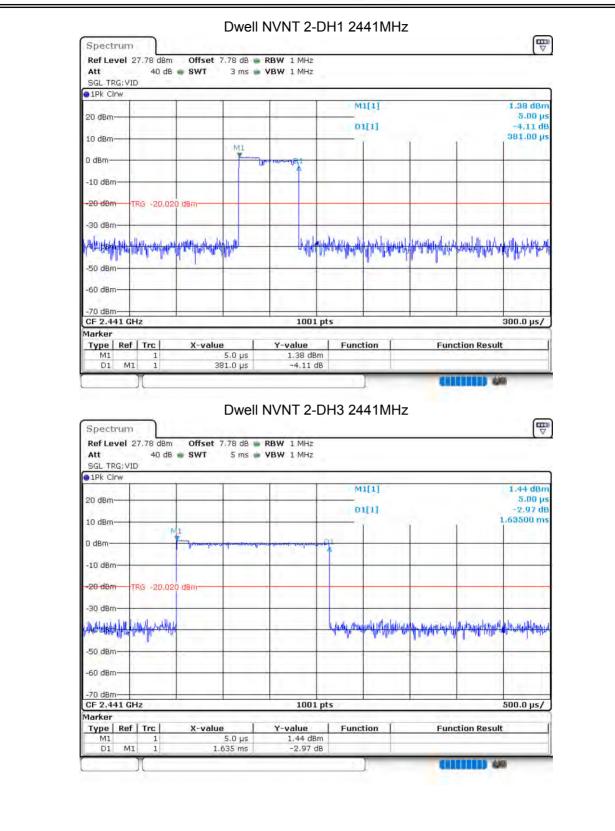




SGL TRG: VID 91Pk Clrw							
20 dBm		- 14	N	11[1]			-7.94 dBr 10.00 μ
10 dBm			0	01[1]		. 1	1.34 d 1.62500 m
0 dBm		. Ultra					
	สุข_งอา_อ.ภ.พ.มส์ของส์ป. 1		nd Lumar				
-20 dBm TRG -20,020	1 dBro						
-30 dBm			and the sector	hallen og som	with two alls for the large	ما بل مرازاته بل الم	(Lat. date of yo
wheelses where the late of the second of			in a particular	Philling Adams	Rhamped and A	ethel ^y storal in alla	Minuldiana
-50 dBm-					-	1	
-60 dBm							
-70 dBm		- 1	001 pts		-		500.0 µs/
Marker							
1 1 . 1	X-value	Y-valu	e Fund	ction	Fund	tion Result	
Type Ref Trc M1 1	10.0 µ		F dBm				
			⊧dBm 34 dB	1	00		
M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm	10.0 µ 1.625 m Dw Offset 7.78 d	rell NVNT	^{34 dв} 1-DH5 24	441MHz	-		i V
M1 1 D1 M1 1 Spectrum Image: Construct of the second sec	10.0 µ 1.625 m Dw Offset 7.78 d	rell NVNT	^{34 dв} 1-DH5 24] 441MHz	-		V
M1 1 D1 M1 1 Spectrum Image: Construct of the second sec	10.0 µ 1.625 m Dw Offset 7.78 d	rell NVNT	1-DH5 24] 441MHz 11[1]	-		2.60 dBn
M1 1 D1 M1 1 Spectrum Image: Construct of the second sec	10.0 µ 1.625 m Dw Offset 7.78 d	rell NVNT	1-DH5 24		-		2.60 dBn 8.00 μ -0.72 di
M1 1 D1 M1 1 Spectrum Image: Comparison of the system of the sy	10.0 µ 1.625 m Dw Offset 7.78 d	rell NVNT	1-DH5 24	11[1]			2.60 dBn 8.00 μ -0.72 di
M1 1 D1 M1 1 Spectrum Image: Comparison of the system of the sy	10.0 µ 1.625 m Dw Offset 7.78 d	rell NVNT	1-DH5 24	11[1]		3	2.60 dBr 8.00 μ -0.72 d
M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm Att 40 dB 5GL TRG: VID O 1Pk Clrw 20 dBm 10 dBm	10.0 µ 1.625 m Dw Offset 7.78 d	rell NVNT	1-DH5 24	11[1]		3	2.60 dBr 8.00 μ -0.72 d
M1 1 D1 M1 1 Spectrum Image: Comparison of the system of the sy	10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m	rell NVNT	1-DH5 24	11[1]		3	
M1 1 D1 M1 1 D1 M1 1 Spectrum Image: Comparison of the system o	10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m	rell NVNT	1-DH5 24	11[1]		3	2.60 dBn 8.00 μ -0.72 di
M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB SGL TRG: VID 10 dBm 40 dB SGL TRG: VID 1Pk Clrw 20 dBm 10 dBm M1 0 -10 dBm M1 -20,020 -30 dBm TRG -20,020	10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m	rell NVNT	1-DH5 24	11[1]			2.60 dBn 8.00 µ -0.72 di 2.88000 m
M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB SGL TRG: VID 10 dBm 40 dB SQL TRG: VID 1Pk Clrw 20 dBm 10 dBm M1 1 -10 dBm M1 -20,020 -30 dBm TRG -20,020	10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m	rell NVNT	1-DH5 24	41[1] 01[1]	etropolitani france		2.60 dBn 8.00 µ -0.72 di 2.88000 m
M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB SGL TRG: VID • 10 dBm 10 • 1Pk Clrw 20 dBm 10 dBm 10 dBm M1 -20 dBm -10 dBm M1 -20,020 -30 dBm -50 dBm -50 dBm	10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m	rell NVNT	1-DH5 24	41[1] 01[1]	Charlen Jan Jan Jan Jan Jan Jan Jan Jan Jan Ja		2.60 dBn 8.00 µ -0.72 di 2.88000 m
M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB SGL TRG: VID 10 dBm 40 dB SQL TRG: VID 1Pk Clrw 20 dBm 10 dBm M1 1 -10 dBm M1 -20,020 -30 dBm TRG -20,020	10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m	rell NVNT	1-DH5 24	41[1] 01[1]	Charlen and Charles		2.60 dBn 8.00 µ -0.72 di 2.88000 m
M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB Att 40 dB 5GL TRG: VID ● 1Pk Cirw 20 dBm 40 dB 10 dBm M1 0 ● 1Pk Cirw 20 dBm 70 dBm -10 dBm M1 -00 dBm -20 dBm TRG -20,020 -30 dBm -50 dBm -60 dBm -60 dBm -70 dBm -70 dBm	10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m	IS 1	1-DH5 24	41[1] 01[1]		shahpirdarada	2.60 dBr 8.00 µ -0.72 di 2.88000 m
M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB SGL TRG:VID ● 1Pk Clrw 20 dBm 10 dBm M1 0 10 dBm M1 0 -10 dBm M1 -20,020 -30 dBm -50 dBm -50 dBm -50 dBm -60 dBm -60 dBm -70 dBm -70 dBm -70 dBm	10.0 µ 1.625 m Dw Offset 7.78 d SWT 8 m	1	1-DH5 24	11[1] 11[1]		hlledginderæder	2.60 dBr 8.00 µ -0.72 d 2.88000 m
M1 1 D1 M1 1 D1 M1 1 Spectrum Ref Level 27.78 dBm 40 dB Att 40 dB 5GL TRG: VID IPK Clrw 20 dBm 10 dBm 10 dBm M1 0 -10 dBm M1 -00 dBm -20 dBm TRG -20,020 -30 dBm -50 dBm -50 dBm -60 dBm -60 dBm -70 dBm -70 dBm CF 2.441 GHz -50 dBm	10.0 µ 1.625 m Dw Offset 7.78 d \$WT 8 m	III IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIIIII	1-DH5 24	11[1] 11[1]		shahpirdarada	2.60 dBr 8.00 µ -0.72 d 2.88000 m











Ref Level 27.78 dBm Offs Att 40 dB SWT SGL TRG: VID	et 7.78 dB 🖷 RBW 1 MHz 8 ms 💣 VBW 1 MHz			
IPk Cirw	1			
20 dBm		M1[1]		-7.04 dBm 8.00 µs
10 dBm		01[1]	÷ 2	0.06 dB 2.87200 ms
0 dBm				
N 1	propulsion and a stand with the second of the			
-20 dBm TRG -20,020 dBm				
-30 dBm		unus Halalahalahan kan	. Landrating and	Galle Genera
national territy		halle-artelianether and a hour	All Colombia and a second s	www.hally.llb.fu?clift.pm/c
-50 dBm			-	
-60 dBm-				
-70 dBm-				
CF 2.441 GHz Marker	1001	pts		800.0 µs/
Type Ref Trc X-v M1 1 1 1 1 D1 M1 1 1 1 1 Spectrum Ref Level 27.78 dBm Offs 0 0	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz	dB	2	Result
Type Ref Trc X-v M1 1 1 1 1 D1 M1 1 1 1 1 Spectrum	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz	DH1 2441MH	z) 400
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz	DH1 2441MH:	2) ₩ (\ 1.53 dBm 2.50 µs
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 1 Spectrum Image: Construct on the second secon	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz	DH1 2441MH	z	
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz	DH1 2441MH	z	1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz	DH1 2441MH	z	1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz	DH1 2441MH	z	1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Ref Level 27.78 dBm Offs Att 40 dB SWT SGL SGL TRG:VID 1 1 0 dBm 0 0 10 10 dBm 0 0 0 -10 dBm TRG -10,020 dBm -20 dBm -20 dBm -10	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz	DH1 2441MH	z	1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Construct of the second sec	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz	DH1 2441MH		1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 D1 M1 1 1 Spectrum C Sweet and the second se	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz 	DH1 2441MH		1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz 	DH1 2441MH		1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 D1 M1 1 1 Spectrum Gradient Stress Offs Att 40 d8 SWT SGL TRG: VID 1Pk Clrw 20 dBm 10 dBm 10 dBm 10 dBm -10 dBm TRG -10,020 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -60 dBm	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz 	DH1 2441MH		1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Image: Comparison of the second se	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz 	DH1 2441MH		1.53 dBm 2.50 µs -2.71 dB
Type Ref Trc X-v M1 1 1 1 D1 M1 1 1 Spectrum Ref Level 27.78 dBm Offs Att 40 dB SWT SGL TRG: VID IPR CIrw 20 dBm 20 dBm 20 dBm 10 dBm TRG -10,020 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm	8.0 µs -7.04 de 2.872 ms 0.06 d Dwell NVNT 3- et 7.78 dB RBW 1 MHz 2.5 ms VBW 1 MHz 0.06 d 0.06	DH1 2441MH		1.53 dBm 2.50 µs -2.71 dB 382.50 µs





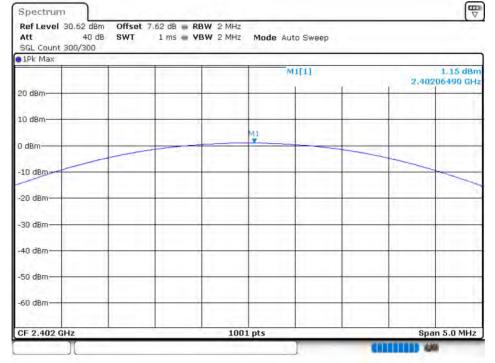
Ref Level 27.78 dBm Offset 7.78 dB	B RBW 1 MHz			
	WBW 1 MHz			
SGL TRG: VID 9 1Pk Clrw	_			
	-11	M1[1]		-7.63 dBr
20 dBm-		01[1]		5.00 µ -2.51 d
10 dBm			6 - A - A	1.62500 m
0 dBm				
M1	land your distant hange the land	cierto.		
-10 dBm	Les A month States (how Kill) a	14		1
-29 dBm TRG -20,020 dBm	_			
-30 dBm-				
		and the dr. In	to state the second	the star has
nyhendeliniden ander and		Aradelatic Consultation	apartapped to a second state of the second sta	adder and mail
-50 dBm-	-			-
-60 dBm				
				1.1
-70 dBm CF 2.441 GHz	1001	nts		500.0 µs/
Marker	1001			20010 µ3/
Type Ref Trc X-value	Y-value	Function	Function Resul	8
М1 1 5.0 µs D1 M1 1 1.625 ms				
M1 1 5.0 µs			anno e	8
M1 1 5.0 µs D1 M1 1 1.625 ms DW6 Spectrum Ref Level 27.78 dBm Offset 7.78 dB	-2.51 d ell NVNT 3-I			a [₩
M1 1 5.0 µs D1 M1 1 1.625 ms Duble Duble Duble Duble Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID SWT 8 ms SWT 8 ms	-2.51 d ell NVNT 3-I	B]	anno s	∎ Ţ
M1 1 5.0 µs D1 M1 1 1.625 ms D1 M1 1 1.625 ms D1 M1 1 1.625 ms D1 M1 1 0.625 ms D0 Spectrum 0 0 Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB • SWT 8 ms	-2.51 d ell NVNT 3-I	DH5 2441MHz		
M1 1 5.0 µs D1 M1 1 1.625 ms Duble Duble Duble Duble Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID SWT 8 ms SWT 8 ms	-2.51 d ell NVNT 3-I	DH5 2441MHz		-7.82 dBr 8.00 p
M1 1 5.0 µs D1 M1 1 1.625 ms D M2 M3 M3 Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 9 IPk Clrw 1 1 20 dBm 1 1 1 1	-2.51 d ell NVNT 3-I	DH5 2441MHz		-7.82 dBr 8.00 µ -0,30 d
M1 1 5.0 µs D1 M1 1 1.625 ms Due D D D D Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 1 1 IPk Cirw 20 dBm 10 dBm 10 dBm	-2.51 d ell NVNT 3-I	DH5 2441MHz		-7.82 dBn 8.00 µ -0,30 d
M1 1 5.0 µs D1 M1 1 1.625 ms Duble Dweet Dweet Dweet Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 1Pk Cirw 20 dBm 10 dBm 10 dBm	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0,30 dl 2.87200 m
M1 1 5.0 µs D1 M1 1 1.625 ms D M2 M3 M3 Ref Level 27.78 dBm Offset 7.78 dB Att Att 40 dB SWT 8 ms SGL TRG: VID Image: Marce and	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0,30 d
M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 18 ms 9 MI 10 dBm 10 dBm 11 ms	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0,30 d
M1 1 5.0 µs D1 M1 1 1.625 ms D M1 1 1.625 ms Spectrum Att 40 db SWT 8 ms SGL TRG: VID IPK Cirw 20 dBm 10 dBm <td< td=""><td>-2.51 d</td><td>DH5 2441MHz</td><td></td><td>-7.82 dBn 8.00 µ -0,30 d</td></td<>	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0,30 d
M1 1 5.0 µs D1 M1 1 1.625 ms During Difference During During Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG:VID 10 dBm 10 dBm 10 dBm 10 dBm M1 1 10 dBm 10 dBm -10 dBm M1 TRG -20.020 dBm -30 dBm -30 dBm	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0.30 di 2.87200 m
M1 1 5.0 µs D1 M1 1 1.625 ms D M1 1 1.625 ms Spectrum Att 40 db SWT 8 ms SGL TRG: VID IPK Cirw 20 dBm 10 dBm <td< td=""><td>-2.51 d</td><td>DH5 2441MHz</td><td></td><td>-7.82 dBn 8.00 µ -0.30 di 2.87200 m</td></td<>	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0.30 di 2.87200 m
M1 1 5.0 µs D1 M1 1 1.625 ms D M1 1 1.625 ms Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG:VID 18 ms 10 dBm 10 dBm 10 dBm M1 1 1.000 mm 10 mm -10 dBm M1 1.000 mm 10 mm 10 mm -30 dBm M1 1.000 mm 1.000 mm 1.000 mm	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0.30 di 2.87200 m
M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG: VID 10 dBm 10 dBm 10 dBm 10 dBm M1 1 1.00 dBm -20 dBm -30 dBm -50 dBm	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0.30 di 2.87200 m
M1 1 5.0 µs D1 M1 1 1.625 ms D M1 1 1.625 ms Ref Level 27.78 dBm Offset 7.78 dB Att 40 dB SWT 8 ms SGL TRG:VID 18 ms 10 dBm 10 dBm 10 dBm M1 1 1.000 mm 10 mm -10 dBm M1 1.000 mm 10 mm 10 mm -30 dBm M1 1.000 mm 1.000 mm 1.000 mm	-2.51 d	DH5 2441MHz		-7.82 dBn 8.00 µ -0.30 di 2.87200 m
M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att 7.8 dB Att 40 dB SWT 8 ms SGL TRG: VID 1Pk Clrw 20 dBm 10 dBm 10 dBm 10 dBm M1 TrG -20.020 dBm 10 um-we -30 dBm -50 dBm -60 dBm -70 dBm -70 dBm	-2.51 d	B DH5 2441MHz		-7.82 dBr 8.00 µ -0.30 d 2.87200 m
M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att Att 40 dB SWT 8 ms SGL TRG: VID 1Pk Clrw 20 dBm 10 dBm 10 dBm 10 dBm M1 TrT"Utwo-proglewofper townword 20 dBm -10 dBm M1 TrT"Utwo-proglewofper townword 20 dBm -30 dBm -50 dBm -50 dBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	-2.51 d	B DH5 2441MHz		-7.82 dBr 8.00 µ -0.30 d 2.87200 m
M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att Att 40 dB SWT 8 ms SGL TRG: VID IPk Clrw Imp Truthon program (support 10 dBm 10 dBm M1 Imp Truthon program (support 10 mm Program (support -10 dBm M1 Imp Truthon program (support 10 mm Program (support -20 dBm TRG -20,020 dBm Imp Program (support 10 mm Program (support -30 dBm Imp Program Imp Program (support Imp Program (support 1mm Program (support -50 dBm Imp Program Imp Program (support Imp Program (support Imp Program (support) -50 dBm Imp Program Imp Program (support) Imp Program (support) Imp Program (support) Imp Program (support) -50 dBm Imp Program (support) Imp Program (supProgram (support) Im	-2.51 d	B DH5 2441MHz 01[1] 01[1] pts 		-7.82 dBr 8.00 µ -9.30 d 2.87200 m 01. (л. мар) 800.0 µs/
M1 1 5.0 µs D1 M1 1 1.625 ms During M1 M1 M1 M1 M1 40 dB SWT B ms SGL TRG VID M1 M2 M2 M2 M2 M2 M2 M1 M1 M2 M2 M2 M2 M1 M1 M2 M3 M2 M3 M2 M3 M3 M3 M3 <thm< td=""><td>-2.51 d</td><td>B DH5 2441MHz M1[1] 01[1] 01[1] pts Function</td><td>หละอาราร์ที่มีสามาราสใหล่านราย </td><td>-7.82 dBr 8.00 µ -0,30 d 2.87200 m 01. (л. ил.) 800.0 µs/</td></thm<>	-2.51 d	B DH5 2441MHz M1[1] 01[1] 01[1] pts Function	หละอาราร์ที่มีสามาราสใหล่านราย 	-7.82 dBr 8.00 µ -0,30 d 2.87200 m 01. (л. ил.) 800.0 µs/
M1 1 5.0 µs D1 M1 1 1.625 ms DWe DWe DWe DWe Spectrum Ref Level 27.78 dBm Offset 7.78 dB Att Att 40 dB SWT 8 ms SGL TRG: VID IPk Clrw Imp Truthon program (support 10 dBm 10 dBm M1 Imp Truthon program (support 10 mm Program (support -10 dBm M1 Imp Truthon program (support 10 mm Program (support -20 dBm TRG -20,020 dBm Imp Program (support 10 mm Program (support -30 dBm Imp Program Imp Program (support Imp Program (support 1mm Program (support -50 dBm Imp Program Imp Program (support Imp Program (support Imp Program (support) -50 dBm Imp Program Imp Program (support) Imp Program (support) Imp Program (support) Imp Program (support) -50 dBm Imp Program (support) Imp Program (supProgram (support) Im	-2.51 d	B DH5 2441MHz M1[1] 01[1] 01[1] pts Function	หละอาราร์ที่มีสามาราสใหล่านราย 	-7.82 dBr 8.00 µ -9.30 d 2.87200 m 01. (л. мар) 800.0 µs/



8.2 MAXIMUM CONDUCTED OUTPUT POWER

	000	DOOLED COLL OL				
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant 1	1.15	30	Pass
NVNT	1-DH5	2441	Ant 1	2.75	30	Pass
NVNT	1-DH5	2480	Ant 1	1.377	30	Pass
NVNT	2-DH5	2402	Ant 1	1.729	21	Pass
NVNT	2-DH5	2441	Ant 1	2.208	21	Pass
NVNT	2-DH5	2480	Ant 1	1.005	21	Pass
NVNT	3-DH5	2402	Ant 1	0.886	21	Pass
NVNT	3-DH5	2441	Ant 1	1.368	21	Pass
NVNT	3-DH5	2480	Ant 1	1.01	21	Pass

Power NVNT 1-DH5 2402MHz Ant1



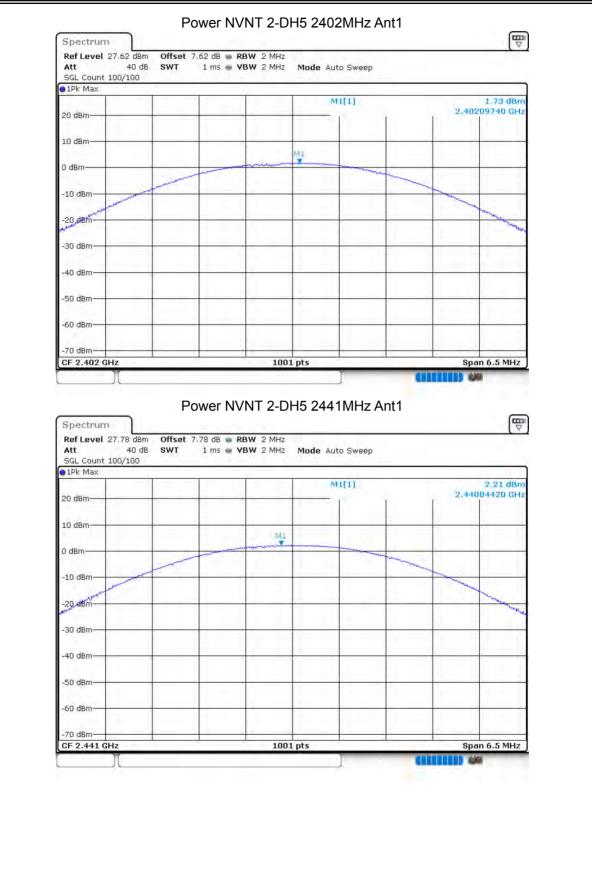




Ref Level 27.78 dBm Att 40 dB SGL Count 100/100		dB B RBW 2 MHz ms B VBW 2 MHz	Mode Auto Sweep		
• 1Pk Max		Ĩ.	141513		0.35.40.
20 dBm-			M1[1]	1 - L	2,75 dBr 2,44097000 GH
LC UDIT				n P	
10 dBm					
		M			
0 dBm					_
-10 dBm					
		_			
-20 dBm				1	
-30 dBm					
-40 dBm				+ +	
-50 dBm					
JU UUIII			1	· · · · · · · · · · · · · · · · · · ·	
-60 dBm				-	
-70 dBm				-	
-70 dBm		100	1 pts	1 1	Span 5.0 MHz
Spectrum Ref Level 27.60 dBm Att 40 dB SGL Count 150/150	Offset 7.60	dB 🔳 RBW 2 MHz	H5 2480MHz A	Int'i	
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max	Offset 7.60	dB 🔳 RBW 2 MHz			1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150	Offset 7.60	dB 🔳 RBW 2 MHz	Mode Auto Sweep		
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max	Offset 7.60	dB 🔳 RBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB sGL count 150/150 IPk Max 20 dBm 10 dBm 10 dBm	Offset 7.60	dB 🔳 RBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB sGL count 150/150 IPk Max 20 dBm 20 sGL count 150/150	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 10	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 10 dBm 0 dBm	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 10 10 dBm 0 D dBm	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -0 dBm -20 dBm -30 dBm	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -0 dBm	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -0 dBm -20 dBm -30 dBm	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 dBm 10 dBm 10 dBm - -20 dBm - -30 dBm - -40 dBm -	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 1Pk Max 20 dBm 20 dBm 10 dBm 10 dBm -0 dBm -20 dBm -0 dBm -30 dBm -40 dBm	Offset 7.60	dB RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 dBm 10 dBm 10 dBm - -20 dBm - -30 dBm - -40 dBm - -50 dBm - -70 dBm -	Offset 7.60	dB B RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr 2,47997500 GH
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 dBm 10 dBm 10 dBm - -20 dBm - -30 dBm - -40 dBm - -50 dBm - -70 dBm -	Offset 7.60	dB B RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1.38 dBr 2.47997500 GH
Ref Level 27.60 dBm Att 40 dB SGL Count 150/150 IPk Max 20 dBm 20 dBm 10 10 dBm 10 -20 dBm 10 -30 dBm 10 -50 dBm 10 -60 dBm 10	Offset 7.60	dB B RBW 2 MHz ms VBW 2 MHz	Mode Auto Sweep		1,38 dBr 2,47997500 GH

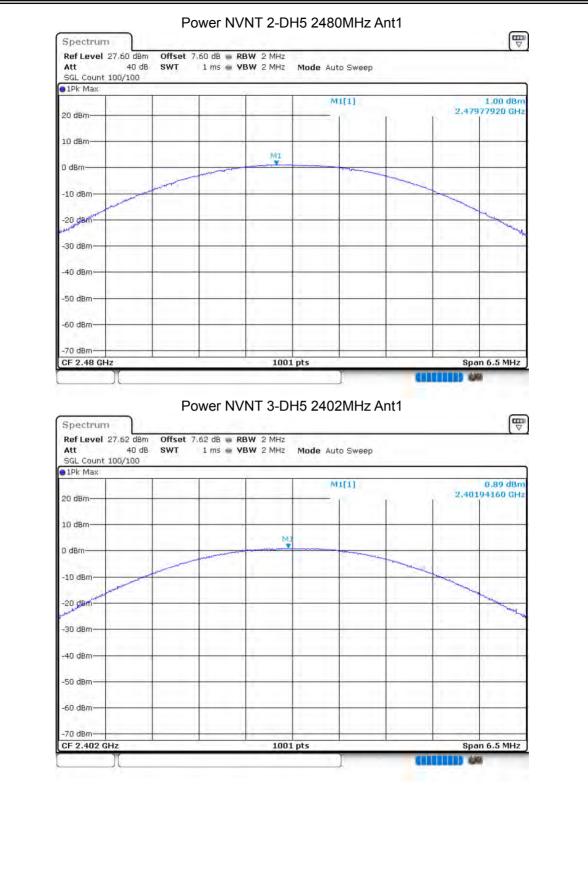




















8.3 OCCUPIED CHANNEL BANDWIDTH

0.3 00001			1			
Condition	Mode	Frequency	Antenna	99% OBW	-20 dB Bandwidth	Verdict
		(MHz)		(MHz)	(MHz)	
NVNT	1-DH5	2402	Ant 1	0.7752	0.85	Pass
NVNT	1-DH5	2441	Ant 1	0.7572	0.858	Pass
NVNT	1-DH5	2480	Ant 1	0.7672	0.806	Pass
NVNT	2-DH5	2402	Ant 1	1.1469	1.268	Pass
NVNT	2-DH5	2441	Ant 1	1.1489	1.26	Pass
NVNT	2-DH5	2480	Ant 1	1.1409	1.248	Pass
NVNT	3-DH5	2402	Ant 1	1.1528	1.254	Pass
NVNT	3-DH5	2441	Ant 1	1.1508	1.252	Pass
NVNT	3-DH5	2480	Ant 1	1.1489	1.248	Pass





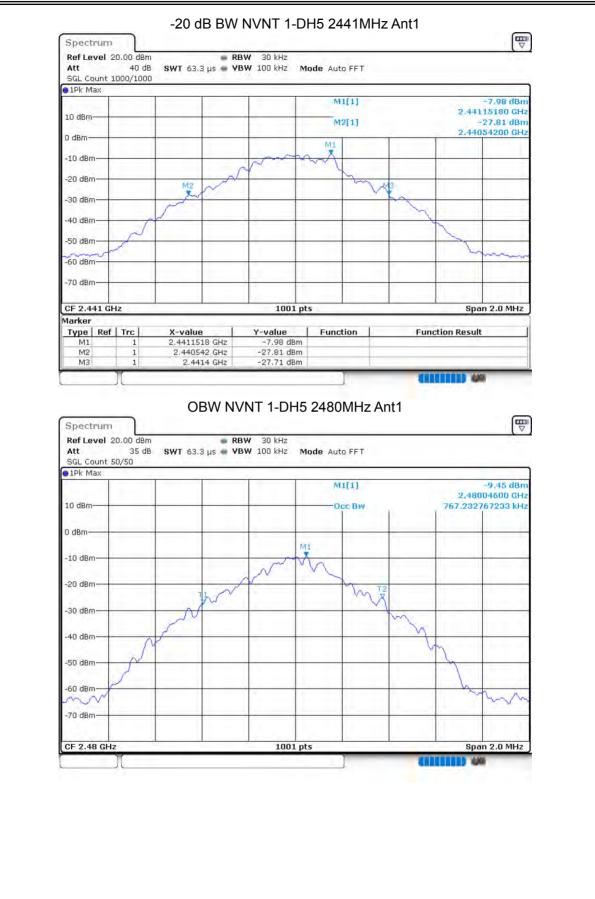






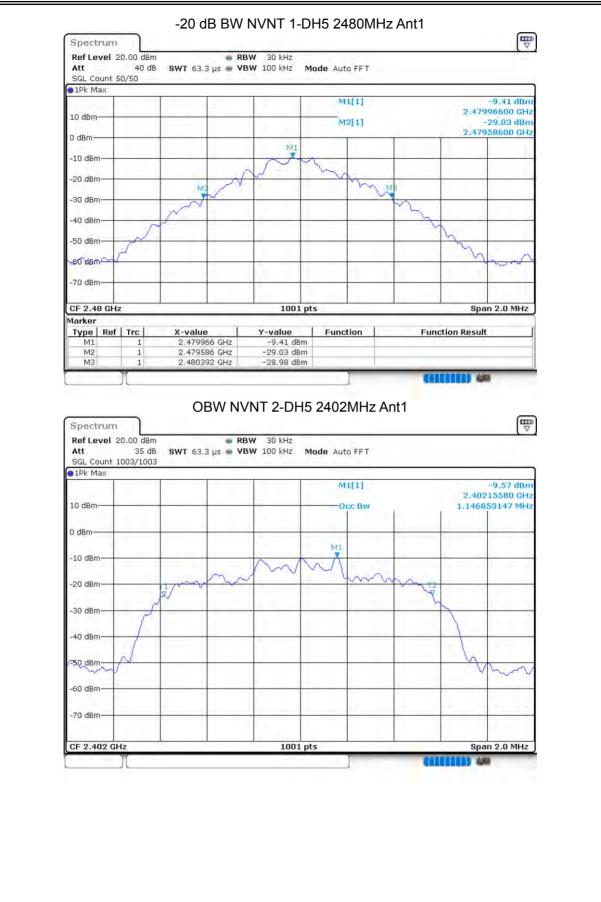






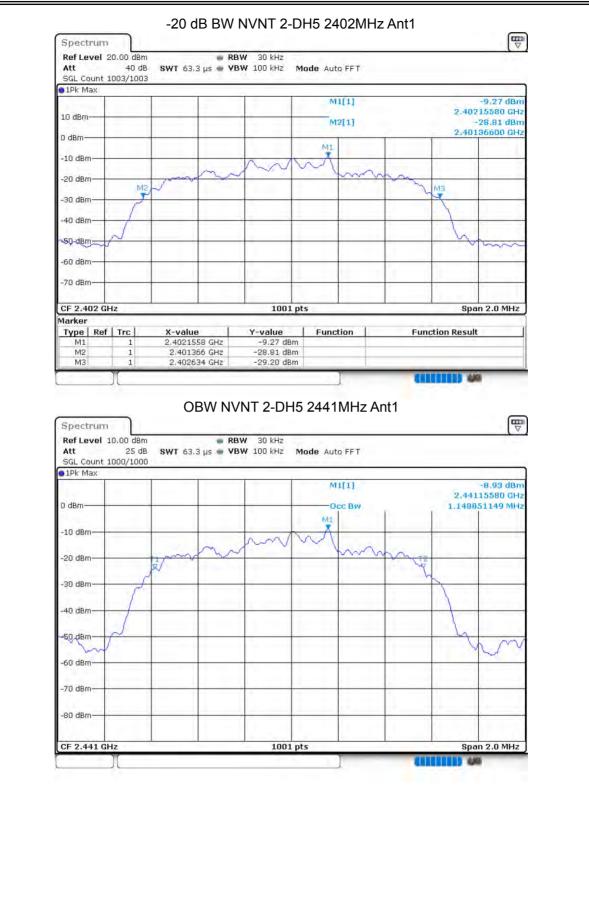
























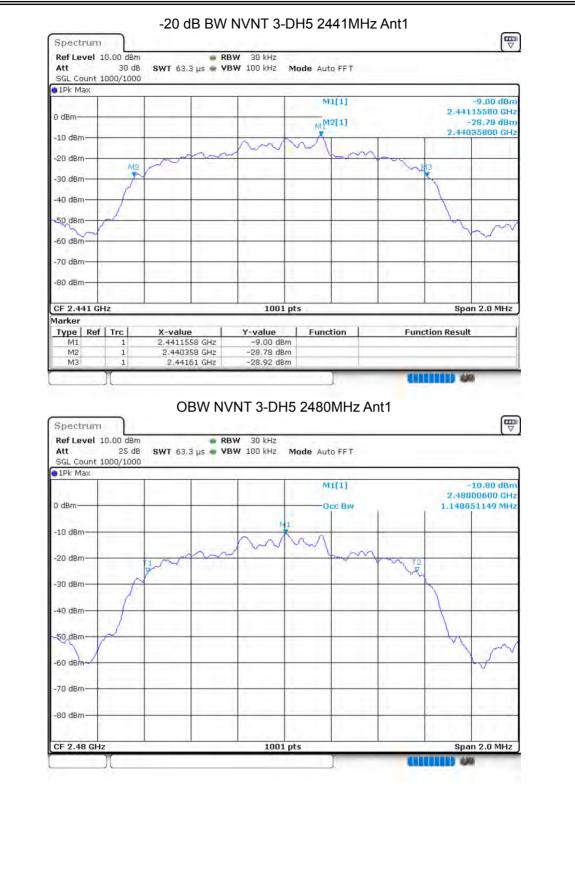






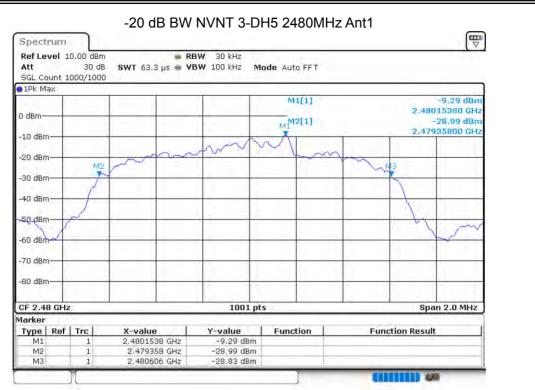










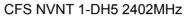


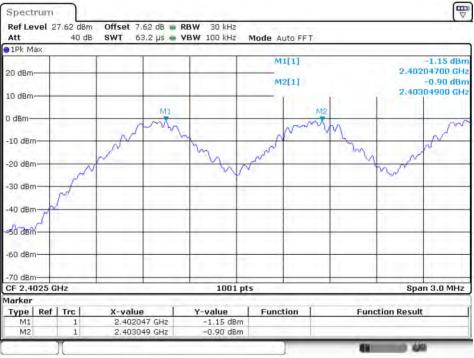




8.4 CARRIER FREQUENCIES SEPARATION

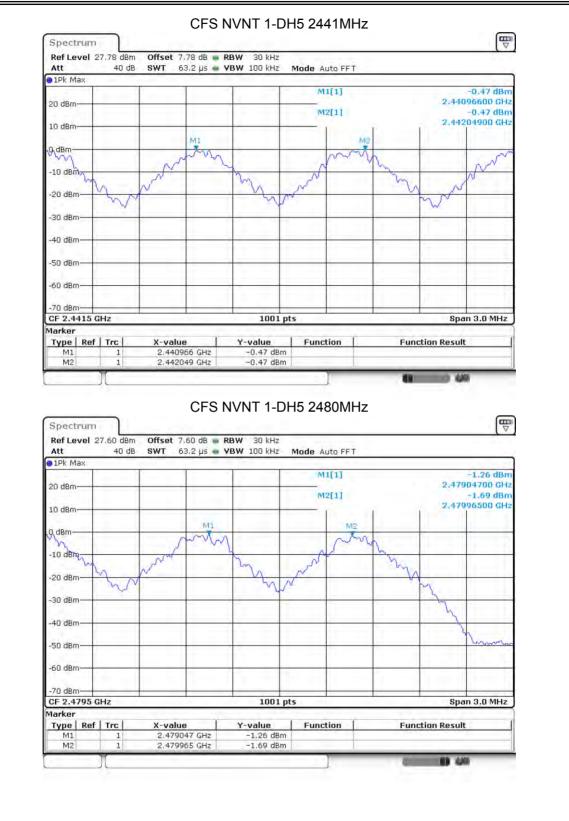
U. OANIE			N			
Condition	Mode	Hopping Freq1	Hopping Freq2	HFS	Limit	Verdict
		(MHz)	(MHz)	(MHz)	(MHz)	
NVNT	1-DH5	2402.047	2403.049	1.002	0.85	Pass
NVNT	1-DH5	2440.966	2442.049	1.083	0.858	Pass
NVNT	1-DH5	2479.047	2479.965	0.918	0.806	Pass
NVNT	2-DH5	2402.155	2403.157	1.002	0.845	Pass
NVNT	2-DH5	2441.017	2442.007	0.99	0.84	Pass
NVNT	2-DH5	2478.828	2480.157	1.329	0.832	Pass
NVNT	3-DH5	2402.155	2403.157	1.002	0.836	Pass
NVNT	3-DH5	2441.008	2442.157	1.149	0.835	Pass
NVNT	3-DH5	2479.155	2480.157	1.002	0.832	Pass







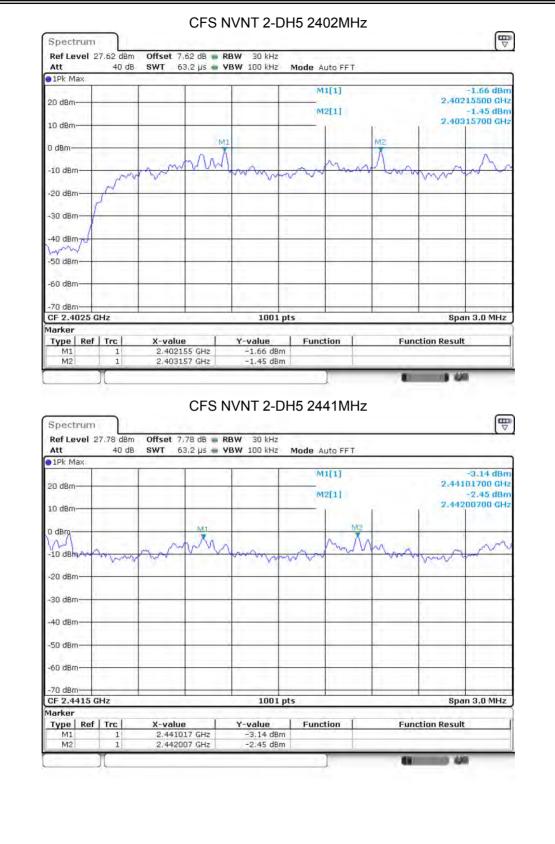












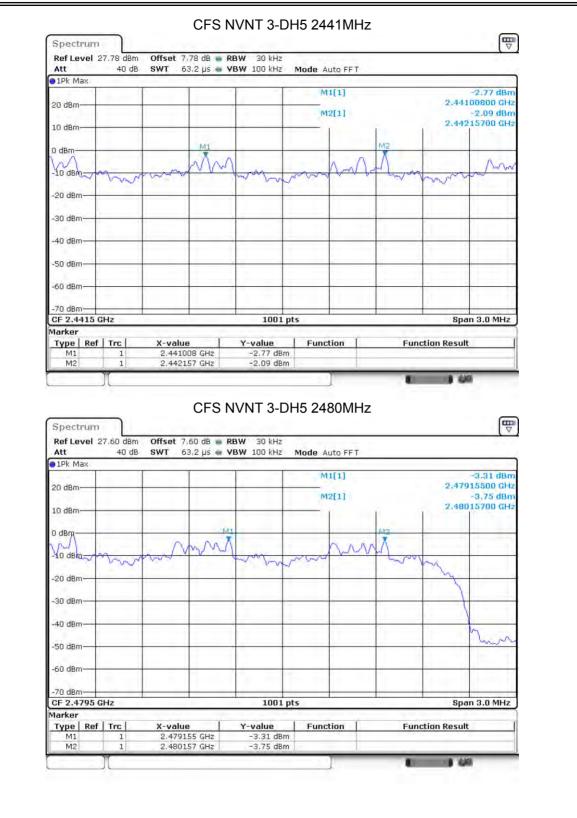














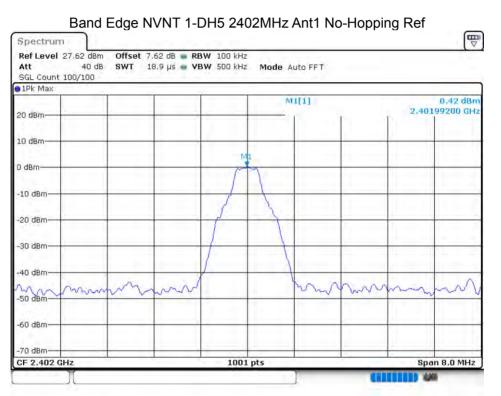


			G CHANNEL							
ndition	Mode	Hoppir	ng Number	Limit	Verdic					
NVNT	1-DH5		79	15	Pass					
			Hoppir	ng No.	NVNT [·]	1-DH5	24021	/IHz		
	Spectre	and the set of the set								
	Att	el 27.62 dB 40 d			100 kHz 300 kHz	Mode Aut	to Sweep			
	SGL Cou	nt 7000/700				Great an				
	The May			1		M1	[1]			2.61 dBm
	20 dBm-	1				M2			2,40	0.07 dBm
	10 dBm-					1	[+]	t.	2.48	102435 GHz
		A A A A A A A A A A A A A A A A A A A		haaaaa	ABBAAAAA	AAAAAAA	NAAAAAA	ADDDDDDD	AAAAaaaa	MZ
	- 1010A	AGALANAR	UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	MAMAA		HARAR	UUUUU	WAAAAAA	HUIMAAA.	ANNAA
	-14 464	<u> </u>	<u>hananananana</u> ta	HAAMAA	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	AAAJON	<u> Y H Y H Y H Y</u>	<u>11111111111</u> 1	XAAAAAA	WY WW
	-20 dBm-						-		- Clerk	<u></u>
	-30 dBm-						_		1.1.1.1	
									1	1211
	-40 dBm-								1	bron
	-50 dBm-	-		-						
	-60 dBm-	-		-	_		_	-		
	-70 dBm-								=	1.11
	Start 2.4	i GHz	1		1001 pt	:s		1	Stop 2	.4835 GHz
		1997 - 19		1	value	Functi	in 1	Fund	tion Result	
	Marker	Dofl Two l	V unlug		value	Functi	un		cion Result	
	Type I M1	Ref Trc	X-value 2.401837 GF	łz	2.61 dBm					
	Type			łz						
	Type I M1	1	2.401837 GH	łz	2.61 dBm]		a		8
	Type I M1	1	2.401837 GH	łz	2.61 dBm	j		a		8
	Type I M1	1	2.401837 GH	łz	2.61 dBm]		cii		0
	Type I M1	1	2.401837 GH	łz	2.61 dBm	J		-		8
	Type I M1	1	2.401837 GH	łz	2.61 dBm			-	()))) V	8
	Type I M1	1	2.401837 GH	łz	2.61 dBm	j		-		8
	Type I M1	1	2.401837 GH	łz	2.61 dBm]		-		8
	Type I M1	1	2.401837 GH	łz	2.61 dBm	J				8
	Type I M1	1	2.401837 GH	łz	2.61 dBm	j			()))) v	8
	Type I M1	1	2.401837 GH	łz	2.61 dBm	j				9
	Type I M1	1	2.401837 GH	łz	2.61 dBm	j		-		9
	Type I M1	1	2.401837 GH	łz	2.61 dBm			-		9
	Type I M1	1	2.401837 GH	łz	2.61 dBm					9
	Type I M1	1	2.401837 GH	łz	2.61 dBm					9
	Type I M1	1	2.401837 GH	łz	2.61 dBm					9
	Type I M1	1	2.401837 GH	łz	2.61 dBm					9
	Type I M1	1	2.401837 GH	łz	2.61 dBm					9
	Type I M1	1	2.401837 GH	łz	2.61 dBm					9

NTEK 北测[®]



8.6 BANDE	DGE						
Condition	Mode	Frequency	Antenna	Hopping	Max Value	Limit	Verdict
		(MHz)		Mode	(dBc)	(dBc)	
NVNT	1-DH5	2402	Ant 1	No-Hopping	-41.07	-20	Pass
NVNT	1-DH5	2402	Ant 1	Hopping	-44.26	-20	Pass
NVNT	1-DH5	2480	Ant 1	No-Hopping	-43.75	-20	Pass
NVNT	1-DH5	2480	Ant 1	Hopping	-44.6	-20	Pass
NVNT	2-DH5	2402	Ant 1	No-Hopping	-39.24	-20	Pass
NVNT	2-DH5	2402	Ant 1	Hopping	-41.91	-20	Pass
NVNT	2-DH5	2480	Ant 1	No-Hopping	-43.34	-20	Pass
NVNT	2-DH5	2480	Ant 1	Hopping	-44.05	-20	Pass
NVNT	3-DH5	2402	Ant 1	No-Hopping	-41.07	-20	Pass
NVNT	3-DH5	2402	Ant 1	Hopping	-41.85	-20	Pass
NVNT	3-DH5	2480	Ant 1	No-Hopping	-42.34	-20	Pass
NVNT	3-DH5	2480	Ant 1	Hopping	-43.49	-20	Pass







SGL Count 1Pk Max	100/100									
20 dBm				1	M1	[1]		2.40	0,45 c 215000	
10 dBm			-		M2	[1]			-46.58 c	IBm
0 dBm								2.40	M	
-10 dBm-				1		1.000			1.1	
-	D1 -19,580	dBm-		1.			1			
-30 dBm			-				_			
			M4			1.1	1	MB	140	
-50 dBm-	internet har without	monorthinguild	nath contraction	monthematic	Monthistraticity with	un partitation of the	madentalization	worth Menuter	ANNIMAR	home
-60 dBm				· · · · · · · · · · · · · · · · · · ·			1			
-70 dBm						1	1		1	
Start 2.30 Marker	6 GHz			1001	pts		<u> </u>	Stop	2.406 G	Hz
Type Re	ef Trc	X-value	e	Y-value 0.45 dBi	Functi	ion	Fun	ction Resu	lt	_
M1 M2 M3	1	2	2.4 GHz 39 GHz	-46.58 dBi -45.09 dBi	m		_			
				-40.66 dBi						
M4	1	2,34	08 GHz	-40.00 08	1	_	-		-	
M4 Spectrur Ref Level Att	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz VBW 300 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	pping F		
M4 Spectrur Ref Level Att SGL Count 1Pk Max	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402	to FFT	Ant1 Ho		Ref 3.93 (498100	dBm
M4 Spectrur Ref Level Att SGL Count IPk Max 20 dBm-	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho		3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count 1Pk Max	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count IPk Max 20 dBm-	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2,40	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm-	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count SGL Count IPk Max 20 dBm- 10 dBm- 0 dBm- -10 dBm-	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count SGL Count IPk Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count SGL Count I Pk Max 20 dBm- 10 dBm- 0 dBm- -10 dBm-	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count SGL Count IPk Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count SGL Count 10 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count SGL Count O dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count ISGL Count ID dBm ID dBm D dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	and Edg	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402 Mode Aut	to FFT	Ant1 Ho	2.40 M1	3,93 0	dBm
M4 Spectrur Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -50 dBm	and Edg 1 27.62 dBm 40 dB 1000/8000	ge(Hop	oing) N	IVNT 1-D RBW 100 kHz	H5 2402	to FFT	Ant1 Ho	2.40	3,93 0	iBm GHz
M4 Spectrur Ref Level Att SGL Count • 1Pk Max 20 dBm- 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm- -50 dBm- -70 dBm-	and Edg 1 27.62 dBm 40 dB 1000/8000	ge(Hop	oing) N	IVNT 1-D	H5 2402	to FFT	Ant1 Ho	2.40	3.93 (iBm GHz
M4 Spectrur Ref Level Att SGL Count • 1Pk Max 20 dBm- 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm- -50 dBm- -50 dBm- -70 dBm-	and Edg 1 27.62 dBm 40 dB 1000/8000	ge(Hop	oing) N	IVNT 1-D	H5 2402	to FFT	Ant1 Ho	2.40	3.93 c 498100	iBm GHz





• 1Pk Max	1			í –	M	1[1]		_	3.55 dBm
20 dBm									515000 GHz
10 dBm	-			-	M	2[1]			-44.54 dBm 000000 GH/P
0 dBm			-	-				-	LIN I
-10 dBm				-					<u> </u>
-20 dBm-01	-16.067 d	Bm			-			-	
-30 dBm	-		M4				-		
-40 dBm	material which does	with the	-	man handling		hannala	amonthe Lineau	M3	Ma
-50 dBm							and the second		ch
-60 dBm					-		1		
-70 dBm Start 2.306 G				1001	nte			Stop	2.406 GHz
Marker						1-6-		10.0	
Type Ref M1	1		15 GHz	Y-value 3.55 de		tion	Fun	tion Resul	t
M2 M3	1		2.4 GHz 87 GHz	-44.54 dB -45.60 dB	the second s				
M4	1	2.33	98 GHz	-40.34 dE	šm	1			
Spectrum Ref Level 27 Att SGL Count 100 P1Pk Max	60 dBm 40 dB	Offset 7	.60 dB 👞 R	DH5 244			o-Hoppin	ng Ref	V
Spectrum Ref Level 27 Att SGL Count 10	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	: Mode A		p-Hoppin		0,80 dBm 015180 GH2
Spectrum Ref Level 27 Att SGL Count 100 1Pk Max	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	: Mode A	uto FFT	p-Hoppin		0,80 dBm
Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm- 10 dBm-	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	: Mode A	uto FFT	p-Hoppin		0,80 dBm
Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT	p-Hoppin		0,80 dBm
Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm- 10 dBm-	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT			0,80 dBm
Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm 10 dBm 0 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT	p-Hoppin		0,80 dBm
Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm- 10 dBm- -10 dBm- -20 dBm-	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT			0,80 dBm
Spectrum Ref Level 27 Att SGL Count 100 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT			0,80 dBm
Spectrum Ref Level 27 Att SGL Count 100 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT		2.48	0,80 dBm 015180 GHz
Spectrum Ref Level 27 Att SGL Count 100 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT			0,80 dBm
Spectrum Ref Level 27 Att SGL Count 100 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT		2.48	0,80 dBm 015180 GHz
Spectrum Ref Level 27 Att SGL Count 100 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT		2.48	0,80 dBm 015180 GHz
Spectrum Ref Level 27 Att SGL Count 100 PIPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R		Mode A	uto FFT		2.48	0,80 dBm 115180 GHz
Spectrum Ref Level 27 Att SGL Count 100 • 1Pk Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R	BW 100 kHz	Mode A	uto FFT		2.48	0,80 dBm 015180 GHz
Spectrum Ref Level 27 Att SGL Count 100 10 HK Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm	60 dBm 40 dB	Offset 7	.60 dB 👞 R		Mode A	uto FFT		2.48	0,80 dBm 115180 GHz





SGL Count 100/ 1Pk Max			1 1					
20 dBm				M	1[1]		2.480	0.58 dBm 15000 GHz
10 dBm				M	2[1]			-45.30 dBm 350000 GHz
M1 0 dBm						_	1	
-10 dBm		1		- 11	1	1	1	li eta il
	19.198 dBm							
	13,130 000							
-30 cBm	M4				1		1.2	
want Untrustation	Mondepartmention	dalaw Whene	desert in Spain Any	Whenmerthale	renduludorgad	neurophieroste	required to Reperturbalia	and an and a second
-50 dBm-								
-60 dBm		-					1	1
-70 dBm Start 2.476 GH:	2		1001	ots			Stop	2.576 GHz
Marker	al W value	. T			No. 1			
Type Ref Tr M1	1 2.480	15 GHz	Y-value 0,58 dBm		aion	Fur	nction Result	
M2 M3	1 2	35 GHz .5 GHz	-45.30 dBm -44.99 dBm	1				
	1 0 101	18 GHz	-42.96 dBm	1				
M4	1 2.49:	10.0112			7			11
Band Spectrum Ref Level 27.60	Edge(Hopp	oing) N	VNT 1-DP RBW 100 kHz VBW 300 kHz	H5 248 Mode A	uto FFT	Ant1 Ho	opping R	ef
Band Spectrum Ref Level 27.60 Att SGL Count 8009	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A		Ant1 Ho		
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.6/ Att SGL Count 8009 1Pk Max 20 dBm 10 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.64 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.64 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248 Mode A	uto FFT	Ant1 Ho		2.83 dBm
Band Spectrum Ref Level 27.60 Att SGL Count 8009 1Pk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	Edge(Hopp	oing) N	RBW 100 kHz YBW 300 kHz	H5 248	uto FFT	Ant1 Ho	2.470	2.83 dBm 514790 GHz
Band Spectrum Ref Level 27.61 Att SGL Count 8009 10 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	Edge(Hopp	oing) N	RBW 100 kHz	H5 248	uto FFT	Ant1 Ho	2.470	2.83 dBm 514790 GHz
Band Spectrum Ref Level 27.64 Att SGL Count 8009 IPK Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -50 dBm	Edge(Hopp	oing) N	RBW 100 kHz YBW 300 kHz	H5 248	uto FFT	Ant1 Ho	2.470	2.83 dBm 514790 GHz
Band Spectrum Ref Level 27.60 Att SGL Count 8009 IPk Max 20 dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	Edge(Hopp	oing) N	RBW 100 kHz YBW 300 kHz	H5 248	uto FFT	Ant1 Ho	2.470	2.83 dBm 514790 GHz





● 1Pk Max 20 dBm				1 1	M	1[1]		0.47	2.74 dBm
					M	2[1]			505000 GHz -43.47 dBm
10 dBm							£	2.48	350000 GHz
0 dBm					1. 194	1			
	01 -17,165	dBm							
-20°08m				· · · · · ·					1
-30 cBm		MB		1 march		1.2			1
-40 dBm	historicantestation	unorthouse	strath the way	mentlyhavershowned	mintermentally has	machinethypails	erest & morth floren and	- when from all and	Manan
-50 dBm								1	
-60 dBm				· · · · · ·				· · · · ·	· 1
-70 dBm Start 2.476	GHz		1	1001	pts		1	Stop	2.576 GHz
Marker Type Ref	Trc	X-valu	ie	Y-value	Funct	ion	Fun	ction Resul	t
M1 M2	1	2.47	605 GHz 835 GHz	2.74 dBr -43.47 dBr	n				
M3	1		2.5 GHz 2.5 GHz	-41.77 dBr -41.77 dBr	n				
M4	1 4		2,5 GH2	-41.77 UDI	art.	1			-
Spectrum Ref Level Att SGL Count	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	-DH5 240 RBW 100 kHz YBW 300 kHz	13.2		o-Hoppi	ng Ref	₩
Ref Level Att SGL Count 1Pk Max	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A		o-Hoppi		-1.89 dBm 205590 GHz
Ref Level Att SGL Count 1Pk Max 20 dBm	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT	o-Hoppi		-1.89 dBm
Ref Level Att SGL Count 1Pk Max	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT			-1.89 dBm
Ref Level Att SGL Count 1Pk Max 20 dBm	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT			-1.89 dBm
Ref Level Att SGL Count IPk Max 20 dBm- 10 dBm-	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT			-1.89 dBm
Ref Level Att SGL Count PIPk Max 20 dBm- 10 dBm- -10 dBm-	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT	o-Hoppi		-1.89 dBm
Ref Level Att SGL Count I D dBm D dBm -10 dBm -20 dBm	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT			-1.89 dBm
Ref Level Att SGL Count PIPk Max 20 dBm- 10 dBm- -10 dBm-	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT			-1.89 dBm
Ref Level Att SGL Count I D dBm D dBm -10 dBm -20 dBm	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT	p-Hoppin		-1.89 dBm
Ref Level Att SGL Count I D dBm 0 dBm -10 dBm -20 dBm -30 dBm	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT			-1.89 dBm
Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm • 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT			-1.89 dBm
Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm • 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	27.62 dBm 40 dB	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode A	uto FFT			-1.89 dBm
Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	27.62 dBm 40 dB 100/100	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode Ar	uto FFT		2.403	-1.89 dBm 205590 GHz
Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm • 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	27.62 dBm 40 dB 100/100	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode Ar	uto FFT		2.403	-1.89 dBm 205590 GHz
Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm	27.62 dBm 40 dB 100/100	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode Ar	uto FFT		2.403	-1.89 dBm 205590 GHz
Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	27.62 dBm 40 dB 100/100	Offset 7	7.62 dB 🐞 🖡	RBW 100 kHz	Mode Ar	uto FFT		2.403	-1.89 dBm 205590 GHz





20 dBm M1[1] 2-0.05 dBm 10 dBm 2-400 95000 GHz -45.62 dBm 10 dBm 2-400 95000 GHz -45.62 dBm -20 dBm 01 - 21.894 dBm -40 - 40 - 40 - 40 - 40 - 40 - 40 - 40	SGL Count	100/100								
10 dBm 6.5.2 dBm 0.dbm 2.4000000 CH2 -10 dBm 6.52 dBm -2.000000 CH2 6.52 dBm -30 dBm 6.52 dBm -30 dBm 6.52 dBm -30 dBm 6.52 dBm -30 dBm 6.52 dBm -40 dBm 6.52 dBm -40 dBm 6.52 dBm -40 dBm 6.52 dBm -50 dBm 6.52 dBm -40 dBm 6.52 dBm -50 dBm 6.52 dBm -40 dBm 6.52 dBm -50 dBm 6.52 dBm -70 dBm 7.52 dBm -70 dBm 7.52 dBm -70 dBm 7.52 dBm </th <th></th> <th></th> <th></th> <th></th> <th>1</th> <th>MI</th> <th>[1]</th> <th></th> <th>0.40</th> <th></th>					1	MI	[1]		0.40	
0 dbm -10 dbm -20.dbm -30 dbm -30 dbm -30 dbm -50 dbm -50 dbm -50 dbm -0 dbm						M2	[1]			-45.62 dBm
-10 dBm -20 dBm -30 dBm -40 dBm -40 dBm -50 dBm -50 dBm -50 dBm -10							ć		2.40	
-20. dBm D1. 21.894 dBm -30. dBm M4 -2.306 GHz 1001 pts Stop 2.406 GHz Maximum M1 1 2.406 GHz M3 1 2.461 dz 2.3486 GHz -45.62 dBm M4 1 2.3486 GHz Spectrum W Spectrum W SQL Count 8000/8000 M1(1) 0 dBm M1(1) 2.4225180 GHz 10 dBm M1 1.224 dBm -30 dBm M1 1.24 dBm -30 dBm M4 1.04					1.1		1		[i === 1	A A
-00 dbm -01	11 11-11-1	in the second					1		1	
+0 dbm 104		-D1 -21.894	+ dBm							
+00 dBm -70 dBm					M4		1-1	1	140	
+00 dBm -70 dBm	-50 dBm	nickmestheren	alwant frites	un Artubine	man analytic and	manuntulyud	for a second second second	timmetershiphearow	pertingthered	inputional for
Stort 2.306 GHz Stop 2.406 GHz Marker Ype Ref Trc X-value Y-value Function Function Result M1 1 2.40195 GHz -0.50 dBm -0.50 dB	1.000				· · · · ·		1		1	
Marker Y-value Y-value Function Function Result M1 1 2.40195 GH2 -0.50 dbm Function Result Function Result M3 1 2.39 GH2 -45.62 dbm Function Result Function Result M4 1 2.3488 GH2 -46.45 dbm Function Result Function Result M4 1 2.3488 GH2 -41.13 dbm Function Result Function Result Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref Spectrum Function Result Function Result Ref Level 27.62 dbm Offset 7.62 db RBW 100 kH2 Mde Auto FFT SGL Count 8000/9000 IPIk Max M1[1] 1.24 dbm 2,40215180 GH2 10 dbm M1[1] 2,40215180 GH2 10 dbm -30 dbm -60 dbm	-70 dBm						1		1	
Type Ref Trc X-value Y-value Function Function Result M1 1 2.4 GHz -0.50 dBm -0.50 dBm <td></td> <td>6 GHz</td> <td></td> <td></td> <td>1001</td> <td>pts</td> <td></td> <td>-</td> <td>Stop</td> <td>2.406 GHz</td>		6 GHz			1001	pts		-	Stop	2.406 GHz
M2 1 2.4 GHz -45.62 dBm M3 1 2.39 GHz -46.45 dBm M4 1 2.3488 GHz -41.13 dBm Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref Image: Comparison of the set	Type Re						ion	Fun	ction Resu	lt [
M4 1 2.3488 GHz -41.13 dBm Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref Spectrum Image: Colspan="2">Image: Colspan="2" Image: Colspa="2" Image: Colspan="2" Image: Colspan="2" Image: Colspa=					-45.62 dBr	n				
Spectrum Image: Control of the control of				30 GHz						
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	M3 M4 Spectrur Ref Level Att SGL Count	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	ping) N	-41.13 dBr	n H5 2402		Ant1 Ho	pping F	
-20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm-	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	ping) N	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho		1.24 dBm
-30 dBm	M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm- D dBm-	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	ping) N	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	1.24 dBm
-40 dBm	M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm- D dBm-	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	ping) N	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	1.24 dBm
-50 dBm	M3 M4 Spectrur Ref Level Att SGL Count SGL Count 1Pk Max 20 dBm- 10 dBm- 0 dBm- -10 dBm-	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	ping) N	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	1.24 dBm
-50 dBm	M3 M4 Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	ping) N	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	1.24 dBm
-60 dBm	M3 M4 Spectrur Ref Level Att SGL Count IPK Max 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	рing) N .62 dB • I 8.9 µs • I	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	1.24 dBm
	M3 M4 Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	рing) N .62 dB • I 8.9 µs • I	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	1.24 dBm
-70 dBm	M3 M4 M4 Spectrur Ref Level Att SGL Count 10 110 dBm 10 10 dBm -10 -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	рing) N .62 dB • I 8.9 µs • I	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	1.24 dBm
	M3 M4 M4 Spectrur Ref Level Att SGL Count 10 110 dBm 10 10 dBm -10 -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	рing) N .62 dB • I 8.9 µs • I	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	1.24 dBm
CF 2.402 GHz 1001 pts Span 8.0 MHz	M3 M4 Spectrur Ref Level Att SGL Count • 1Pk Max 20 dBm • 1Pk Max 20 dBm • 1D dBm - 1D dBm - 20 dBm - 30 dBm - 30 dBm - 50 dBm - 60 dBm	and Edg	2. 2.34 ge(Hop) offset 7 swr 1	рing) N .62 dB • I 8.9 µs • I	-41:13 dBr	Mode Au	ito FF T	Ant1 Ho	2.40	1.24 dBm 12115180 GHz
2 d d d d d d d d d d d d d d d d d d d	M3 M4 Spectrur Ref Level Att SGL Count 1Pk Max 20 dBm	1 1 27.62 dBm 40 dB	2. 2.34 ge(Hop) offset 7 swr 1	ping) N	-41.13 dBr	Mode Au	ito FF T	Ant1 Ho	2,40	[₩ ▼ 1.24 dBm





SGL Count 10 9 1Pk Max	00/1000	Cardin 11		VBW 300 kHz				
20 dBm-					M1[1]		2 40	-3.31 dBm 485000 GHz
10 dBm			-		M2[1]			-43.58 dBm 100000 GHz
0 dBm							2.70	Mi
-10 dBm		-					1	patrily
	-18.759	dBm====						
-30 dBm							1	
-40 dBm		Alterna	Judunter	M4			MB	M2
-50 dBm	(the work the	philippine person	ulaulaut ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and a sugar short	hinteren manualise	Municipant	how the plana when	and perfect
-60 dBm								
-70 dBm								
Start 2.306 G Marker	iHz	-		1001 pt	s		Stop	2.406 GHz
Type Ref M1 M2	1	3	485 GHz 2.4 GHz	Y-value -3.31 dBm -43.58 dBm	Function	Fui	nction Result	t l
M3 M4	1		.39 GHz 487 GHz	-43.94 dBm -40.67 dBm				
								10
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	-DH5 2480 RBW 100 kHz YBW 300 kHz	Mode Auto FF		ing Ref	 ▼
Spectrum Ref Level 27 Att SGL Count 10	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz	à			-0.01 dBm 284020 GHz
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm 0 dBm	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz YBW 300 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz YBW 300 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz YBW 300 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz YBW 300 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz YBW 300 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm	.60 dBm 40 dB	Offset 7	7.60 dB 🐞	RBW 100 kHz YBW 300 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm	.60 dBm 40 dB 0/100	Offset 7	7,60 dB	RBW 100 kHz YBW 300 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	.60 dBm 40 dB 0/100	Offset 7	7,60 dB	RBW 100 kHz YBW 300 kHz	Mode Auto FF			-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm	.60 dBm 40 dB 0/100	Offset 7	7,60 dB	RBW 100 kHz YBW 300 kHz	Mode Auto FF		2.479	-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	.60 dBm 40 dB 0/100	Offset 7	7,60 dB	RBW 100 kHz YBW 300 kHz	Mode Auto FF		2.479	-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm	.60 dBm 40 dB 0/100	Offset 7	7,60 dB	RBW 100 kHz YBW 300 kHz	Mode Auto FF		2.479	-0.01 dBm
Spectrum Ref Level 27 Att SGL Count 10 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm	.60 dBm 40 dB 0/100	Offset 7	7,60 dB	RBW 100 kHz YBW 300 kHz	Mode Auto FF		2.479	-0.01 dBm





SGL Count 1 9 1Pk Max				7 7					
20 dBm					M	1[1]		2.479	0.27 dBm 95000 GHz
10 dBm			1		M	2[1]			-44.98 dBm 50000 GHz
0 dem							1		
-10 cBm			1			1		11	1 1
	1 -20,007	dBm							
-30 dBm	IT SECTORY	abin						1	
	M4				-	11		11	
-50 dBm	Indulying	hillin Mitseundal	and on the second	Muniperinterinde	numuruhand	Manadatariat	www.when	and when the second	Munnampur
			1		-		1		
-60 dBm			5	1				1	h
-70 dBm Start 2.476	GHz		1	1001	pts		1	Stop	2.576 GHz
Marker Type Ref	Tre	X-value		Y-value	Fund	tion	Fund	tion Resul	
M1	1	2.479	95 GHz	0.27 dBr	n		run	cion Resul	
M2 M3	1		35 GHz 2.5 GHz	-44.98 dBr -46.32 dBr	m				
M4	27.60 dBm 40 dB	ge(Hopp	.60 dB 👜 F	-43.35 dBi VNT 2-D RBW 100 kHz /BW 300 kHz	H5 248 Mode A	uto FFT	Ant1 Ho	oping R	▼
M4 Spectrum Ref Level 2 Att SGL Count 8	27.60 dBm 40 dB	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A		Ant1 Ho		
M4 Spectrum RefLevel 2 Att SGL Count 8 9 1Pk Max 20 dBm	27.60 dBm 40 dB	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum RefLevel 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm	27.60 dBm 40 dB	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum RefLevel 2 Att SGL Count 8 9 1Pk Max 20 dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Hop		2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm	27.60 dBm 40 dB	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 ID dBm 1 JU dBm 1 JU dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 SGL Count 8 O DBm 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 ID dBm 1 JU dBm 1 JU dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 SGL Count 8 SGL Count 9 DPk Max 20 dBm 10 dBm 1 -10 dBm -20 dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm 1 -10 dBm -20 dBm -30 dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm 1 0 dBm -10 dBm -20 dBm -30 dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT			2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 IPk Max 20 dBm 10 dBm 1 -10 dBm -20 dBm -30 dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248 Mode A	uto FFT	Ant1 Ho		2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count B SGL Count B ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	nd Edg 27.60 dBm 40 dB 2000/8000	ge(Hopp	Ding) N		H5 248	uto FFT			2,37 dBm
M4 Spectrum Ref Level 2 Att SGL Count 8 SGL Count 8 ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	nd Edg 27.60 dBm 40 dB 3000/8000	ge(Hopp	Ding) N	VNT 2-D	H5 248	uto FFT		2.470	2,37 dBm 500400 GHz
M4 Spectrum Ref Level 2 Att SGL Count 8 ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm	nd Edg 27.60 dBm 40 dB 3000/8000	ge(Hopp	Ding) N		H5 248	uto FFT	Ant1 Ho	2.470	2,37 dBm 500400 GHz
M4 Spectrum Ref Level 2 Att SGL Count 8 9 1Pk Max 20 dBm 10 dBm 1 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm	nd Edg 27.60 dBm 40 dB 3000/8000	ge(Hopp	Ding) N		H5 248	uto FFT	Ant1 Ho	2.470	2,37 dBm 500400 GHz





1Pk Max 20 dBm 10 dBm 10 dBm 10 dBm				M	1[1]			-3.63 dBm
10 dBm		1						
dBm			1.0.0	M	2[1]			15000 GHz -43.89 dBm
	-					(2.483	150000 GHz
							1	1
					-	-		-
-20 cBm 01 -1	17.633 dBm						-	
-30 dBm	M4					-	11	
-40 dBm2		which which the		in many sul	muninipath	mount	phinon matter com	Murununation
-50 dBm								
-60 dBm							1	
-70 dBm Start 2.476 GHz	-	-	1001 p	+=	_		Ptop	2.576 GHz
Marker	A		1001 p	LS	1		Stop	2.370 GH2
Type Ref Tro M1		e 15.GHz	Y-value -3.63 dBm	Func	tion	Fun	tion Result	
		335 GHz 2.5 GHz	-43.89 dBm -44.06 dBm					
		941 GHz	-41.68 dBm					
					L.	-		
20 dBm-				M	1[1]		2.401	0,42 dBm 183220 GHz
20 000								
10 dBm								1
0 dBm			M1 X/w	<u>, </u>				
-10 dBm			N	Ly			· · · · ·	
-10 0010				1			11	12.2.3
-20 dBm				1				
-30 dBm	_							
40 dBm	-						-	
-40 dBm	m	m	n		mouth	mm	mm	min
-50 dBm								
-60 dBm	_							
-70 dBm CF 2.402 GHz		1	1001 p	ts		-	Spa	n 8.0 MHz
					ľ			8





SGL Count 10	40 dB 00/100	SWI	227.5 µs 🖷	VBW 300 kHz	2 Mode Au	ito FFT.			
●1Pk Max			1	1-1	M1[[1]		0.05	-0.24 dBm
20 dBm				1	M2[1]			215000 GHz -47.00 dBm
10 dBm		2				<u> </u>	1	2.40	000000 GHz
-10 dBm								1	1
The Party of the Local Division of the Local	1 -19,582	dBm							
-30 dBm	1 -15/002	ubiii				_	<u> </u>		
-40 dBm				M4		1.00	1		
-50 dBm	manthad	proventhy	In which particulars	abrahaminany	www.mash.um	andthen	ulurany mason	nurry with the	approval by
-60 dBm				·	1.2		-		
-70 dBm									1
Start 2.306 (Marker	GHz		A	1001	pts			Stop	2.406 GHz
Type Ref	Trc 1	X-val	IE	Y-value -0.24 dBr	Functio	on	Fun	ction Resu	lt
M1 M2 M3	1		2.4 GHz 2.39 GHz	-47.00 dBr -46.00 dBr	n				
M4	1		488 GHz	-40.66 dBr					
Bai Spectrum Ref Level 27 Att SGL Count 80 1Pk Max	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	VNT 3-D	10.2.1		Ant1 Ho	pping F	Ref
Spectrum Ref Level 27 Att SGL Count 80	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	10.2.1	o FFT	Ant1 Ho		
Spectrum Ref Level 27 Att SGL Count 80 1Pk Max	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho		0.79 dBm
Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho		0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm 0 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm 0 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz	Mode Aut	o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GH2
Spectrum Ref Level 2: Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	7.62 dBm 40 dB	Offset	7.62 dB 👜 🖡	RBW 100 kHz		o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GHz
Spectrum Ref Level 27 Att SGL Count 80 • 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	7.62 dBm 40 dB 000/8000	Offset	7.62 dB 👜 🖡	RBW 100 kHz		o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GHz
Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	7.62 dBm 40 dB 000/8000	Offset	7.62 dB 👜 🖡	RBW 100 kHz		o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GHz
Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm	7.62 dBm 40 dB 000/8000	Offset	7.62 dB 👜 🖡	RBW 100 kHz		o FFT	Ant1 Ho	2.40	0.79 dBm 514890 GHz





SGL Count 1Pk Max	1000/1000	-	_						
20 dBm					M1[1]	- 1	2.405	-0.86 dBm 05000 GHz
10 dBm			-		M2[1]			44.42 dBm 00000 GHz
0 dBm								1	MI
-10 dBm			-			1 2 1	-1		Mal
-20 dBm	D1 -19,211	d8m							
-30 dBm							<u></u>		
40 dBm						M	4	Ma	MO
-50 dBm	an well when	and the many many many many many many many many	All when a south of	read an and a second second second	unionality	hummun	henverting	www.mann	weather the
-60 dBm									
-70 dBm			1					1	
Start 2.306	i GHz	1	1	1001 pt	s			Stop	2.406 GHz
Marker Type Ref		X-valu		Y-value	Functio	on	Fun	ction Result	
M1 M2	1		2.4 GHz	-0.86 dBm -44.42 dBm					
M3 M4	1		.39 GHz 755 GHz	-45.49 dBm -41.06 dBm					
			the second s						
Spectrum Ref Level Att SGL Count 1Pk Max	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	-DH5 2480 RBW 100 kHz VBW 300 kHz	Mode Auto	o FFT	o-Hoppi	ng Ref	₩ ₩
Ref Level Att SGL Count	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz	a 2.3	o FFT	p-Hoppi		-1,43 dBm ⊮85610 GHz
Ref Level Att SGL Count 1Pk Max 20 dBm-	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz	Mode Auto	o FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm-	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Auto	o FFT	o-Hoppi		-1,43 dBm
Ref Level Att SGL Count 1Pk Max 20 dBm-	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz	Mode Auto	o FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm-	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Auto	o FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm- 0 dBm-	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Auto	o FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm- -10 dBm- -20 dBm-	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Auto	o FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count 1Pk Max 20 dBm- 10 dBm- -10 dBm-	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Auto	o FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Autr	0 FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count IPk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Autr	o FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count ID dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Autr	0 FFT	p-Hoppin		-1,43 dBm
Ref Level Att SGL Count IPk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Band 27.60 dBm 40 dB	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Autr	0 FFT			-1,43 dBm
Ref Level Att SGL Count 9 IPk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	Band 27.60 dBm 40 dB 100/100	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Auto	0 FFT	p-Hoppin	2.475	-1,43 dBm B5610 GHz
Ref Level Att SGL Count ID dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	Band 27.60 dBm 40 dB 100/100	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Auto	0 FFT	p-Hoppin	2.475	-1,43 dBm B5610 GHz
Ref Level Att SGL Count • 1Pk Max 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm	Band 27.60 dBm 40 dB 100/100	Edge N	IVNT 3-	RBW 100 kHz /BW 300 kHz	Mode Auto	0 FFT	p-Hoppin	2.479	-1,43 dBm B5610 GHz





SGL Count 10 9 1Pk Max	0/100								
1.00					M	1[1]		- 0.5	-1.34 dBm
20 dBm					M	2[1]			05000 GHz -46.51 dBm
10 dBm							1	2.483	150000 GHz
0 dBm				· · · · · ·	_			1	11
-10 dBm									
-20 dBm-01	-21,433 d	Bm		-			-		
-30 dBm									1
-40 dBrp12	MAAA Juran	and and and	men per	Ananpalmenter	and make m	wind attan	and administ	Mach allyou as	M. H. M.
-50 dBm		. Andre mi			Land R my . A.		and a way of a subjection		
-60 dBm					-				
-70 dBm	-		_	1001		_		01	0.636.001
Marker	HZ		-	1001	ots	1		stop	2.576 GHz
Type Ref	Trc 1	X-value 2.4800		Y-value -1.34 dBm	Funct	ion	Fun	ction Result	t
M2 M3	1	2.483	5 GHz	-46.51 dBm -44.67 dBm	n				
M4	1		94 GHz	-43.77 dBm					
IVI 4									
	.60 dBm 40 dB	Offset 7.t	60 dB 🐞 R	VNT 3-DH BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho	pping R	
Ban Spectrum Ref Level 27 Att SGL Count 80	.60 dBm 40 dB	Offset 7.t	60 dB 🐞 R	BW 100 kHz	Mode A	uto FFT	Ant1 Ho	pping R	
Ban Spectrum Ref Level 27 Att SGL Count 80	.60 dBm 40 dB	Offset 7.t	60 dB 🐞 R	BW 100 kHz	Mode A		Ant1 Ho		
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm	.60 dBm 40 dB	Offset 7.t	60 dB 🐞 R	BW 100 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max	.60 dBm 40 dB	Offset 7.t	60 dB 🐞 R	BW 100 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm 8 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 IPK Max 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode A	uto FFT	Ant1 Ho		1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 ID dBm 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode Ar	uto FFT	Ant1 Ho	2.476	1.69 dBm
Ban Spectrum Ref Level 27 Att SGL Count 80 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode Ar	uto FFT	Ant1 Ho	2.476	1.69 dBm 115380 GHz
Ban Spectrum Ref Level 27 Att SGL Count 80 1Pk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -50 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode Ar	uto FFT	Ant1 Ho	2.476	1.69 dBm 115380 GHz
Ban Spectrum Ref Level 27 Att SGL Count 80 IPk Max 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm	.60 dBm 40 dB	Offset 7.6 SWT 18	60 dB 🐞 R	BW 100 kHz BW 300 kHz	Mode Ar	uto FFT	Ant1 Ho	2.476	1.69 dBm 115380 GHz



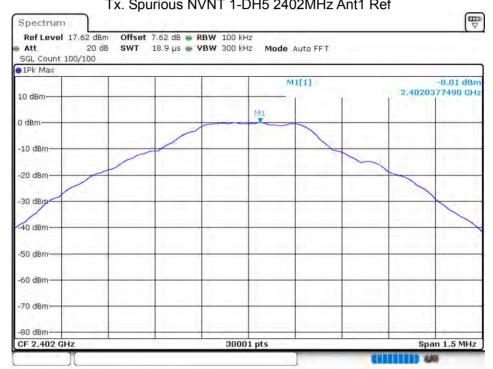


	n					
Ref Level Att SGL Count	27.60 dBm 40 dB 1000/1000	SWT 227.5 µs 🖷	RBW 100 kHz VBW 300 kHz	Mode Auto FFT		
01Pk Max		A				
				M1[1]		-2.05 dBm
20 dBm			-			2.47605000 GHz
10 dBm				M2[1]		-45.02 dBm
TO OPIN-				1	í í	2.48350000 GHz
0 dBm			-			
10 Bm-			1.			
-10 dBm			-			
-20 cBm	D1 -18.313	3 dBm				
-20 CBm	1.1.1.1.1.1.1					
-30 dBm	·					· ? ?
	M4	414				
-40 dBm12		MA Marken Mark	and the second second	a marker from	4 7 10 10 TO 10	as providente
-50 dBm	and the factor of the second	and real and an and a strain	- and an and the	Astronom Abrillion and the	an a stand real real and the	ma Junania
-50 UBIII						
-60 dBm			-		_	
-70 dBm			-			
Start 2.47	6 GHz		1001 p	ts		Stop 2.576 GHz
Marker						
	f Trc	X-value	Y-value	Function	Funct	ion Result
		2.47605 GHz	-2.05 dBm			
M1	1	0 4005 011-	45 00 00-			
	1	2.4835 GHz 2.5 GHz	-45.02 dBm -43.62 dBm			



8.7 CONDUCTED RF SPURIOUS EMISSION

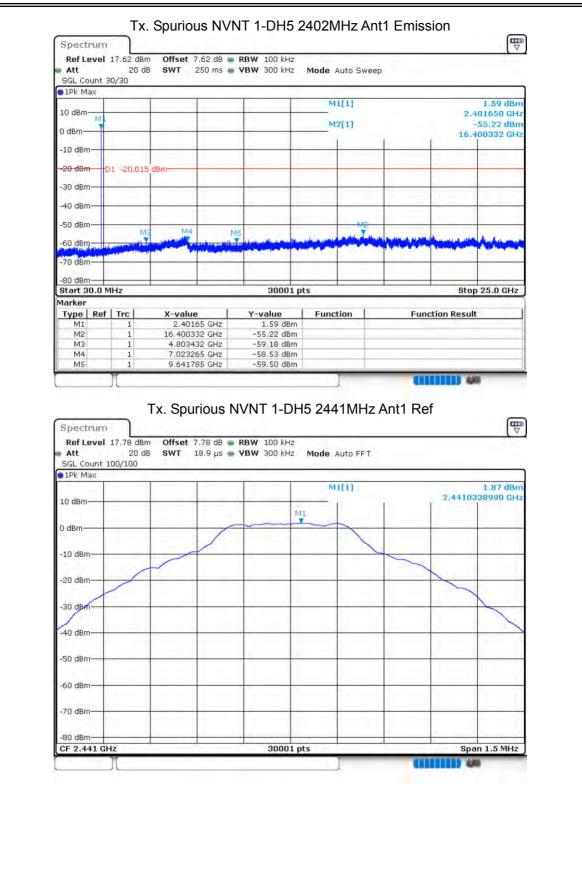
0.1 00110	COLDI					
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant 1	-55.21	-20	Pass
NVNT	1-DH5	2441	Ant 1	-47.67	-20	Pass
NVNT	1-DH5	2480	Ant 1	-56.53	-20	Pass
NVNT	2-DH5	2402	Ant 1	-54.54	-20	Pass
NVNT	2-DH5	2441	Ant 1	-54.24	-20	Pass
NVNT	2-DH5	2480	Ant 1	-49.13	-20	Pass
NVNT	3-DH5	2402	Ant 1	-44.61	-20	Pass
NVNT	3-DH5	2441	Ant 1	-40.21	-20	Pass
NVNT	3-DH5	2480	Ant 1	-54.17	-20	Pass



Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref











10 dBm	10 dBm 0 dBm 0 dBm 20 dBm	●1Pk Max		1	1	1 1	6.1.1	F11			2.00 dBm
0 d8m 10 d8m 20 d8m 20 d8m 40 d8m 50 d8m 40 d8m 50 d8m 11 2 2.44077 GHz 12 2.44077 GHz 1 2.44077 GHz 2 30001 pts 3 3001 pts 3 400	0 dBm 10 dBm 20 dBm	10 dBm ML				-					440770 GHz
20 dgm 01 18.130 dBm 0	20 dim 01 +18 130 dim 40 dim 50 dim 50 dim 50 dim 50 dim 50 dim 50 dim 51 of 10 0 MHz 52 dim 52 dim 53 dim 54 dim 54 dim 54 dim 55 dim 55 dim 56 dim 57 dim 56 dim 57 dim 58 dim 59 dim 59 dim 59 dim 50 dim 59 dim 50 di		-	-			M2	[1]			
Solution Function Function Result Solution Solution <th>Click Click <t< th=""><th>-10 dBm</th><th>_</th><th>-</th><th>-</th><th></th><th></th><th></th><th></th><th></th><th>1</th></t<></th>	Click Click <t< th=""><th>-10 dBm</th><th>_</th><th>-</th><th>-</th><th></th><th></th><th></th><th></th><th></th><th>1</th></t<>	-10 dBm	_	-	-						1
-0 dBm -50 dBm -50 dBm -60 dBm -60 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -70 dBm -50	40 dBm 30001 pts Stop 25.0 GHz 50 dBm 30001 pts Stop 25.0 GHz 70 dBm 1 2.44077 GHz 2.000 dBm 70 dBm 1 1.737946 GHZ -40.44 dBm 70 dBm 1 1.737946 GHZ -40.44 dBm 70 dBm 1 1.737946 GHZ -40.40 dBm 70 dBm 1 1.737946 GHZ -59.9 dBm 70 dBm 1 7.401144 GHZ -59.93 dBm 70 dBm 1 9.581857 GHZ -60.19 dBm 70 dBm 0 dBm 0 dBm 0 dBm 0 dBm 10 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm -20 dBm -30 dBm -40 dBm -40 dBm -40 dBm -40 dBm -30 dBm -30 dBm -40 dBm -40 dBm -40 dBm -40 dBm -20 dBm -30 dBm -40 dBm -40 dBm -40 dBm -40 dBm	-20 dBm-0	1 -18.130) dBm		-		_			
So dam And the second seco	50 dBn 0 </td <td>-30 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td>	-30 dBm								1	
So dam And the second seco	50 dBn 0 </td <td>-40 dBpp</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-40 dBpp									
-90 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -20 dBm -2	-50 gBm M3 M5 Junction Store 25.0 GHz Stort 30.0 MHz 30001 pts Stop 25.0 GHz Warker 30001 pts Stop 25.0 GHz Mit 1 2.44077 GHz 2.00 dBm Mit 1 2.44077 GHz -59.94 dBm M3 1 5.055629 GHz -59.94 dBm M3 1 0.581857 GHz -60.19 dBm M4 1.7.401144 GHz -59.94 dBm -60.19 dBm M4 1.7.60 dB RBW 100 KHz Mode Auto FFT Spectrum V Stop 25.0 GHz -60.19 dBm Nt 20 dB SWT 18.9 µs YBW 300 KHz Md 0 dBm Mit(1) 0.68 dBm 10 dBm 0 dBm Mit(1) 0.68 dBm -30 dBm -30 dBm -40 dBm -40 dBm -40 dBm -60 dBm -40 dBm -40 dBm -40 dBm -40 dBm <	T									
Start 30.0 MHz 30001 pts Stop 25.0 GHz Marker Tro X-value Function Function Result M1 1 2.44077 GHz 2.00 dbm Function Result M3 1 5.035629 GHz 59.94 dbm Function Result M3 1 5.035629 GHz -59.94 dbm Function Result M3 1 5.035629 GHz -59.94 dbm Function Result M3 1 9.581857 GHz -60.19 dbm Function Result M5 1 9.581857 GHz -60.19 dbm Function Result Spectrum Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Function Result Function Result Spectrum Stop 25.0 GHz Mate Mate Function Result Function Result SGL Count 100/100 Mate Mate Mate Auto of File Function Result Function Result -20 dbm -30 dbm	Stort 30.0 MHz 30001 pts Stop 25.0 GHz Warker Type Ref Trc X-value Y-value Function Function Result M1 1 2.44077 GHz 2.00 dbm Function Function Result M2 1 1.737948 GHz -45.80 dbm Hatter Handler Handel Handler Handler Handler Handler Handler		1	3 June 1	14 M.	5		and M. berry	Marchine Beating	Analy Longh	Andreaded
Stert 30.0 MHz 30001 pts Stop 25.0 GHz Marker Type Ref Trc X - value Y-value Function Function Result M1 1 2.44077 GHz 2.00 dbm Function Result Function Result M3 1 5.055629 GHz -59.94 dbm Function Result Function Result M4 1 7.401144 GHz -59.36 dbm Function Result Function Result M5 1 9.581857 GHz -60.19 dbm Function Result Function Result Ref Level 17.60 dbm Offset 7.60 db RBW 100 KHz Made Auto FFT SGL Count 100/100 SQL Count 100/100 Odbm M1[1] 0.68 dbm 2.4799890000 GHz 10 dbm M1[1] 0.68 dbm C.4799890000 GHz FUNCTION RESULT -20 dbm M1[1] 0.68 dbm FUNCTION RESULT Stop 25.0 GHz -30 dbm M1[1] C.4799890000 GHz FUNCTION RESULT Stop 1.5 MHz	Stert 30.0 MHz 30001 pts Step 25.0 GHz Warker Type Ref Trc X-value Y-value Function Function Result M1 1 2.44077 GHz 2.00 dBm Function Function Result M2 1 1.737948 GHz -45.80 dBm Function Function Result M3 1 5.055629 GHz -59.94 dBm Function Function Result M4 1 7.401144 GHz -59.36 dBm Function Result Function Result M4 1 9.581857 GHz -60.19 dBm Function Result Function Result Spectrum Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Function Result Function Result Function Result SQL count 100/100 SWT 18.9 µs YBW 300 KHz Mode Auto FFT SQL count 100/100 SQL count 100/100 M1 0.68 dBm Att 20 dB SWT 18.9 µs YBW 300 KHz 10 dBm M1 0.68 dBm M1 C.4799890000 GHz Att 20 dB SWT Att 20 dB SWT SWT SWT SW	and the second se							A-14	Mancard Carl Date and	1 and
Marker Trpe Ref Trc X-value Y-value Function Function Result M1 1 2.44077 GHz 2.00 dbm Function Function Result M3 1 1.535562 gHz -45,80 dbm Function Function Result M4 1 7.401144 GHz -59.36 dbm Function Function M5 1 9.581857 GHz -60.19 dbm Function Function Ref Level 17.60 dbm Offset 7.60 db RBW 100 kHz Mt Count 100/100 Pic Max 20 db SWT 18.9 µs VBW 300 kHz Mode Auto FFT SGL Count 100/100 Gbm M1 (1) 0.68 dbm 2.4799880000 GHz 0 dbm M1 (1) 0.68 dbm 2.4799880000 GHz CHz -20 dbm M1 (1) 0.68 dbm 2.4799880000 GHz Function FFT -30 dbm -40 dbm -40 dbm -40 dbm -40 dbm -40 dbm -40 dbm -60 dbm -60 dbm -70 dbm -70 dbm -70 dbm <td< td=""><td>Warker Type Ref Trc X-value Y-value Function Function Result M1 1 1.737948 GHz -45.80 dBm -45.80 dBm -45.80 dBm -45.90 dBm -45.90 dBm -45.90 dBm -50.91 dBm -50.95629 GHz -50.91 dBm <td< td=""><td>-70 0Bm</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<></td></td<>	Warker Type Ref Trc X-value Y-value Function Function Result M1 1 1.737948 GHz -45.80 dBm -45.80 dBm -45.80 dBm -45.90 dBm -45.90 dBm -45.90 dBm -50.91 dBm -50.95629 GHz -50.91 dBm -50.91 dBm <td< td=""><td>-70 0Bm</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	-70 0Bm									
Type Ref Trc X-value Y-value Function Function M1 1 2.44077 GHz 2.00 dbm 1 1.73794 gHz 44.80 dbm M3 1 5.055629 GHz -55.94 dbm 1 1.73794 gHz -45.00 dbm 1 M4 1 7.401144 GHz -55.936 dbm 1 1 9.581857 GHz -60.19 dbm 1 M5 1 9.581857 GHz -60.19 dbm 1 . . . Ref Level 17.60 dbm Offset 7.60 db RBW 100 kHz Made Auto FFT . <td< td=""><td>Type Ref Trc X-value Y-value Function Function Function Result M1 1 2.44077 GHz 2.00 dBm 1 1.737948 GHZ -55.94 dBm 1 1.737948 GHZ -55.95 dBm 1 1.737948 GHZ -55.95 dBm 1 1 1.737948 GHZ -55.95 dBm 1 1 1.737948 GHZ -55.95 dBm 1 1 1.740144 GHZ -55.95 dBm 1 1 1.740144 GHZ -55.95 dBm 1 1 1.740144 GHZ -60.19 dBm 1</td><td>Start 30.0 M</td><td>1Hz</td><td>1</td><td>1</td><td>30001</td><td>pts</td><td></td><td></td><td>Sto</td><td>p 25.0 GHz</td></td<>	Type Ref Trc X-value Y-value Function Function Function Result M1 1 2.44077 GHz 2.00 dBm 1 1.737948 GHZ -55.94 dBm 1 1.737948 GHZ -55.95 dBm 1 1.737948 GHZ -55.95 dBm 1 1 1.737948 GHZ -55.95 dBm 1 1 1.737948 GHZ -55.95 dBm 1 1 1.740144 GHZ -55.95 dBm 1 1 1.740144 GHZ -55.95 dBm 1 1 1.740144 GHZ -60.19 dBm 1	Start 30.0 M	1Hz	1	1	30001	pts			Sto	p 25.0 GHz
M1 1 2.44077 GHz 2.00 dbm M2 1 1.737948 GHz -559.94 dbm M3 1 5.055629 GHz -59.94 dbm M4 1 7.401144 GHz -59.36 dbm M4 1 7.401144 GHz -59.36 dbm M4 1 9.581857 GHz -60.19 dbm M5 1 9.581857 GHz -60.19 dbm M2 17.60 dbm Offset 7.60 dB RBW 100 kHz Att 20 db SWT 18.9 µs YBW 300 kHz Mat 10 dbm 0.68 dbm 2.4799880000 GHz 10 dbm 0 0 0 0 -20 dbm - - - - -30 dbm - - - - - -20 dbm - - - - - - -30 dbm - - - - - - - -30 dbm - - - - - - - - -60 dbm - - -	M1 1 2.44077 GH2 2.00 dbm M2 1 1.73794 GH2 -458.00 dbm M3 1 5.055629 GH2 -59.94 dbm M4 1 7.401144 GH2 -59.36 dbm M4 1 7.401144 GH2 -59.36 dbm M4 1 9.581857 GH2 -60.19 dbm M2 17.60 dbm Offset 7.50 db RBW 100 kH2 Att 20 db SWT 18.9 µs YBW 300 kH2 SGL Count 100/100 IB:9 µs YBW 300 kH2 Mode Auto FFT SGL Count 100/100 IB:9 µs YBW 300 kH2 Mode Auto FFT SGL Count 100/100 IB:9 µs YBW 300 kH2 Mode Auto FFT ID dbm 0 dbm 10 dbm 2.4799880000 GH2 -10 dbm -0.68 dbm -0.68 dbm -0.68 dbm -20 dbm -0 dbm -0.68 dbm -0.68 dbm -50 dbm -0.68 dbm -0.68 dbm -0.68 dbm -0 dbm -0.68 dbm -0.68 dbm -0.68 dbm -0 dbm -0.68 dbm -0.68 dbm -0.68 dbm -0 dbm -0.68 dbm </td <td>Marker</td> <td>Ter</td> <td>V-make</td> <td>a 1</td> <td>Y-ualue</td> <td> Ermot</td> <td>on 1</td> <td>Carrier -</td> <td>tion Peer</td> <td></td>	Marker	Ter	V-make	a 1	Y-ualue	Ermot	on 1	Carrier -	tion Peer	
M3 1 5.055629 GHz -59.96 dBm M4 1 7.401144 GHz -59.36 dBm 9.381887 GHz -50.19 dBm -50.19 dBm Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.50 dB RBW 100 kHz Att 20 dB SWT 18.9 µs YBW 300 kHz Mode Auto FFT SGL Count 100/100 I D dBm M1[1] 0.68 dBm 0 dBm -00 dBm	M3 1 5.055629 GHz -59.36 dBm M4 1 7.401144 GHz -59.36 dBm M5 1 9.581957 GHz -50.19 dBm Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.60 dBm Offset 7.60 dB RBW 100 KHz Att 20 dB SWT 18.9 µs YBW 300 KHz Mode Auto FFT SGL Count 100/100 PIP Max 0.48 dBm -0.49 dBm -0.49 dBm -0.49 dBm -0.49 dBm -0.4799809000 GHz -0.4799809000 GHz -0.4799809000 GHz -0.4799809000 GHz -0.4799809000 GHz -0.68 dBm	M1	1	2,440	D77 GHz	2.00 dBn	n	on	Func	cion Resul	
M4 1 7.401144 GHz -59.36 dBm M5 1 9.581857 GHz -60.19 dBm Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.50 dBm Offset 7.60 dB RBW 100 kHz Att 20 dB SWT 18.9 µs YBW 300 kHz Mode Auto FFT SGL Count 100/100 IPk Max MIT 0 dBm MIT -20 dBm MIT -30 dBm MIT -50 dBm GL colspan="2">GL colspan="2">Spen 1.5 MHz	M4 1 7.401144 GHz -59.36 dBm M5 1 9.581857 GHz -60.19 dBm Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.60 dBm Offset 7.60 dB RBW 100 kHz Att 20 dB SWT 18.9 µs VBW 300 kHz Mode Auto FFT SGL Count 100/100 IPK Max MI[1] 0.68 dBm 0 dBm MI[1] 0.68 dBm 10 dBm										
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2" Image: Colspa="" Image: Colspan="2" Image: Colspan="2" Image: Col	Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref Spectrum Ref Level 17.60 dBm Offset 7.60 dB RBW 100 kHz Att 20 dB SWT 18.9 µs VBW 300 kHz Mode Auto FFT SGL Count 100/100 PIK Max 0 dBm 0 dBm -0.68 dBm <td></td> <td>1</td> <td>7.401</td> <td>144 GHz</td> <td>-59.36 dBn</td> <td>n</td> <td></td> <td></td> <td></td> <td></td>		1	7.401	144 GHz	-59.36 dBn	n				
Spectrum The sector of the secto	Spectrum The flevel 17.60 dBm Offset 7.60 dB RBW 100 kHz Att 20 dB SWT 18.9 µs VBW 300 kHz Mode Auto FFT. SGL Count 100/100 IPk Max 0.68 dBm 0.68 dBm 10 dBm 0 dBm 0.68 dBm 2.4799680000 GHz -10 dBm 0 dBm 0.68 dBm 0.68 dBm -20 dBm -30 dBm -40 dBm -40 dBm -40 dBm -50 dBm -60 dBm -60 dBm -70 dBm -70 dBm -70 dBm	mo		2,5010		00.19 000					
0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -0 dBm -0 dBm -50 dBm -60 dBm -70 dBm -60 dBm -70 dBm -80 dBm -90 dBm	0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -60 dBm -60 dBm -20 dBm -80 d	Ref Level Att SGL Count 1	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz	Mode Au	uto FFT.			
-10 dBm -20 dBm -30 dBm -30 dBm -0 dBm -50 dBm -60 dBm -70 dBm -70 dBm -60 dBm -70 dBm -70 dBm -80 dBm -80 dBm -50 dBm -50 dBm -50 dBm -50 dBm -70	-10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 1Pk Max	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz	Mode Au	uto FFT.			0.68 dBm
-20 dBm -30 dBm 40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm -60 dBm -70 dBm -70 dBm -80 dBm -80 dBm -50	-20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -60 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 1Pk Max	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
-30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	-30 dBm 40 dBm -50 dBm -60 dBm -70 dBm -70 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 1Pk Max	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
-30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	-30 dBm 40 dBm -50 dBm -60 dBm -70 dBm -70 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 1Pk Max 10 dBm- 0 dBm-	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
40 dBm -50 dBm -60 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	40 dBm	Ref Level Att SGL Count 1 1Pk Max 10 dBm- 0 dBm-	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
-50 dBm -60 dBm -70 dBm -80 dBm -70	-50 dBm -60 dBm -70 dBm -80 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 1Pk Max 10 dBm- 0 dBm- -10 dBm-	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
-50 dBm -60 dBm -70 dBm -80 dBm -70	-50 dBm -60 dBm -70 dBm -80 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 1Pk Max 10 dBm -10 dBm -20 dBm	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
-60 dBm -70 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	-60 dBm -70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
-70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	-70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
-70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	-70 dBm -80 dBm CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 I DK Max 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
-80 dBm	-80 dBm	Ref Level Att SGL Count 1 • IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
CF 2.48 GHz 30001 pts Span 1.5 MHz	CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 • IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
CF 2.48 GHz 30001 pts Span 1.5 MHz	CF 2.48 GHz 30001 pts Span 1.5 MHz	Ref Level Att SGL Count 1 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
		Ref Level Att SGL Count 1 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	17.60 dBr 20 dl	n Offset	7.60 dB 🍙	RBW 100 kHz VBW 300 kHz	Mode Au	uto FFT.			0.68 dBm
		Ref Level Att SGL Count 1 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	17,60 dBr 20 dl .00/100	n Offset	7.60 dB 🍙	RBW 100 kHz	Mode Au	uto FFT.		2.4799	0.68 dBn 899000 GH2
		Ref Level Att SGL Count 1 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	17,60 dBr 20 dl .00/100	n Offset	7.60 dB 🍙	RBW 100 kHz	Mode Au	uto FFT.		2.47994	0.68 dBm 889000 GH2





●1Pk Max	1			1	M1[1]			0,	43 dBm
10 dBm								2.4798	90 GHz
0 dBm					M2[1]	1	6	20.0942	85 dBm 227 GHz
-10 dBm-				1					
-20 dBm	D1 -19.315	dBm-				-			
-30 dBm									
-40 dBm				-		-			
-50 dBm	M	3 M	4	M5			M2		
-60 dBm-		A CONTRACTOR OF THE OWNER		the Associated About the	and all all and the second second		and the state of the	and the start of the	And Look and
-70 dBm									
-80 dBm	MHz	_		30001 (ots	-	-	Stop 25	.0 GHz
Marker	0 th					i.	an looks		
Type Ref	1		89 GHz	Y-value 0.43 dBm	Function		Functio	n Result	
M2 M3	1		91 GHz	-55.85 dBm -58.70 dBm					
M4 M5	1	7.4003		-60.03 dBm -59.92 dBm					
-	10					_		11) élé	
Spectrum Ref Level Att SGL Count 1Pk Max	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	IVNT 2-DH	Mode Auto	FFT	t1 Ref		B
Ref Level Att SGL Count	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz		FFT		-1. 2.40188830	10 dBm
Ref Level Att SGL Count 1Pk Max	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count 1Pk Max	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count IPk Max 10 dBm -10 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count IPk Max 10 dBm -10 dBm -20 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	17.62 dBm 20 dB	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm
Ref Level Att SGL Count ID dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	17.62 dBm 20 dB 100/100	Offset 7	7.62 dB 🍙	RBW 100 kHz	Mode Auto	FFT		2.40186830	10 dBm 140 GHz
Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	17.62 dBm 20 dB 100/100	Offset 7	7.62 dB 🍙	RBW 100 kHz yBW 300 kHz	Mode Auto	FFT			10 dBm 140 GHz
Ref Level Att SGL Count ID dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	17.62 dBm 20 dB 100/100	Offset 7	7.62 dB 🍙	RBW 100 kHz	Mode Auto	FFT		2.40186830	10 dBm 140 GHz





SGL Count 10 9 1Pk Max		_			_				
10 dBm			-	2	MI	[1]		2.	-3.90 dBn 401650 GHz
0 dBm					M2	2[1]			-55.64 dBm 698307 GHz
-10 dBm							1	1	
-20 dBm	1 -21.097	Bro			_				
-30 dBm	1 -21.057	abin						1.	
-40 dBm			1				1	1	
-50 dBm	_					1.63			
-60 dBm	M	M4	M		and an also	million Marine	Anna and and	havenue	and the second second
-70 dBm		and the second second		Notice State	All and the second of	And built allow	- Andrew Contraction	and and an an and a second	1 And Anna and
			1						
-80 dBm Start 30.0 M	Hz			30001	pts			Sto	p 25.0 GHz
Marker Type Ref	Tre	X-value	1	Y-value	Funct	ion 1	Fue	ction Resu	lt
M1	1	2,4016	55 GHz	-3.90 dBm	1		- un	-110/1 11630	
M2 M3	1	16.69830 4.98321	16 GHz	-55.64 dBm -59.83 dBm	n				
		7.02076		-59.68 dBm -60.35 dBm		_			
M4 M5	1	9,79992	29 GHz	00.00 000					
	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	H5 244 Mode A	uto FFT	Ant1 Re	f	₩
Spectrum Ref Level 1 Att SGL Count 10	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	H5 244 Mode A	17.7.3	Ant1 Re		
M5 Spectrum Ref Level 1 SGL Count 10 9 1Pk Max 10 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
Spectrum Ref Level 1 Att SGL Count 11 9 1Pk Max	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 1 SGL Count 10 9 1Pk Max 10 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 2 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 1 Att SGL Count 10 SGL Count 10 IPk Max 10 dBm- 0 dBm-	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 2 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 2 SGL Count 10 SGL Count 10 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 3 SGL Count 11 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 3 SGL Count 10 SGL Count 10 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 3 SGL Count 11 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 3 SGL Count 11 SGL Count 11 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 12 Att SGL Count 10 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	1 7 17,78 dBm 20 dB	X. Spui	rious N'	VNT 2-DI	Mode A	uto FFT	Ant1 Re		1.37 dBn
M5 Spectrum Ref Level 3 Att SGL Count 11 9 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm	1	X. Spui	rious N'		H5 244	uto FFT	Ant1 Re	2.4410	1.37 dBn 055000 GH2
M5 Spectrum Ref Level 1 Att SGL Count 11 IPK Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	1	X. Spui	rious N'	VNT 2-DI	H5 244	uto FFT	Ant1 Re	2.4410	1.37 dBn
M5 Spectrum Ref Level 3 Att SGL Count 11 9 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm	1	X. Spui	rious N'		H5 244	uto FFT	Ant1 Re	2.4410	1.37 dBn 055000 GH2





●1Pk Max	1				M	1[1]			-3.81 dBn
10 dBm-					M	2[1]		2	.440770 GH: -52.88 dBn
0 dBm				1		1	(Í I	.743774 GH:
-10 dBm	1 10 500	dD-							
-20 dBm	/1 -18.628 (1Bm:		-			-	· · · · · ·	
-30 dBm		_							
-40 dBm								1	1
	MB	M	+ MS		a de ser a billi	a president and any	A dealer we had	a still and stress sections	and an and some
-60 dBm			and the sum that being	-	and a second	a the state of the	A latin in the	In Color will prove the	the horizon
-70 0011						1.000	11		
Start 30.0 M	4Hz			3000	L pts	,		St	op 25.0 GHz
Marker Type Ref		X-value		Y-value	Func	tion	Fun	ction Res	ult
M1 M2	1	1,7437	77 GHz 74 GHz	-3.81 dB -52.88 dB	m				
M3 M4	1	7.3	08 GHz 82 GHz	-59.46 dB -59.35 dB	m				
		9,7491	56 GHz	~59.63 dB	m		_		100
M5	1								100
Spectrum	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	VNT 2-D	2 Z Mode	Auto FFT.	Ant1 Re	ef	₩
Spectrum Ref Level Att SGL Count : IPk Max	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 Z Mode		Ant1 Re		-1.53 dBn 1481480 GH;
Spectrum Ref Level Att SGL Count :	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count : IPk Max	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 Z Mode	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count : IPk Max 10 dBm-	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count : IPk Max 10 dBm- 0 dBm-	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm -20 dBm	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count I O dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -50 dBm -70 dBm	17.60 dBm 20 dB	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	2 z Mode M	Auto FFT.	Ant1 Re		-1,53 dBn
Spectrum Ref Level Att SGL Count : I D dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm	T 17.60 dBm 20 dB 100/100	Offset	7.60 dB 🖷 🖡	RBW 100 kH:	Z Mode	Auto FFT.	Ant1 Re	2,480	-1,53 dBn
Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm -80 dBm	T 17.60 dBm 20 dB 100/100	Offset	7.60 dB 🖷 🖡	28 100 kH; 78 300 kH;	Z Mode	Auto FFT.	Ant1 Re	2,480	-1,53 dBn 0481480 GH;
Spectrum Ref Level Att SGL Count : ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm	T 17.60 dBm 20 dB 100/100	Offset	7.60 dB 🖷 🖡	28 100 kH; 78 300 kH;	Z Mode	Auto FFT.	Ant1 Re	2,480	-1.53 dBn 0481480 GH;





SGL Count 10 9 1Pk Max	/10								
10 dBm					M1	[1]			-2.60 dBm
0 dBm			-		M2	[1]		-	79890 GHz
					1		í — i	1.7	28792 GHz
-10 dBm						_			
the second se	-21,532	dBm				-	·		1
-30 dBm			_					i i	1 7
-40 dBm		_							1
-50 dBn	M	M	E N	15	1000	ush a dec	E	1	1
-60 dBm	and an a state of the state of the		and the second states	A new particular design of the second se		and a start of the second	A sub-s, Auto-	Allowing they are	and the second
-70 dBm						1			
-80 dBm Start 30.0 MH	-lz			30001	ots			Stor	25.0 GHz
Marker	· · · · · · · · · · · · · · · · · · ·					- 2	ande		
Type Ref M1	1	X-value 2.4798	39 GHz	Y-value -2.60 dBm		on	Func	tion Result	
M2 M3	1	1.72879 4.95075		-50.66 dBm -59.46 dBm					
M4 M5	1	7.38949	91 GHz	-60.13 dBm -59.84 dBm					
MIS	r	9,91140	DI GH2	-29,84 UBIN					
Spectrum Ref Level 1 Att SGL Count 10 1Pk Max	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	VNT 3-DH			Ant1 Ref	F	V
Ref Level 1 Att SGL Count 10 1Pk Max	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode At		Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode At	uto FFT	Ant1 Ref		
Ref Level 1 Att SGL Count 10 1Pk Max	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 1Pk Max 10 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 1Pk Max	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 1Pk Max 10 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT.	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT.	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT.	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	7.62 dBm 20 dB	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT.	Ant1 Ref		-3,11 dBm
Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	7.62 dBm 20 dB 0/100	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT.	Ant1 Ref	2.40202	-3,11 dBm
Ref Level 1 Att SGL Count 10 • IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	7.62 dBm 20 dB 0/100	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT.	Ant1 Ref	2.40202	-3,11 dBm
Ref Level 1 Att SGL Count 10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	7.62 dBm 20 dB 0/100	Offset 7	.62 dB 🝙 I	RBW 100 kHz	Mode Au	uto FFT.	Ant1 Ref	2.40202	-3,11 dBm





		_		- I	M	1[1]			-2.49 dBm
10 dBm						2[1]			401650 GHz -47.72 dBm
0 dBm				-	_		()		709649 GHz
-10 dBm					-				
	01 -23.112	dBm-	1	-			-		1
-30 dBm							1		
-40 dBm		-						_	
-60 dBn	M	M4	MS	In the start of the	and the lot of the second second	Harn Roter	de and the de days	Let un el ante	Auto append
-70 dBm			and the second statement of					the second second	
-80 dBm									
Start 30.0 Marker	MHz			30001	pts			Sto	p 25.0 GHz
Type Ref	Trc 1	X-value	55 GHz	Y-value -2.49 dBm	Func	ion	Func	ion Resul	t 1
M2 M3	1	1.7096	49 GHz	-47.72 dBm -59.58 dBm					
M4 M5	1	7.01910	D3 GHz	-59.09 dBm -59.34 dBm	1				
	T	210001		optor dom	-	1	(11)		6
10 dBm					M	L[1]	n 1	2.4410	-1,11 dBm 384470 GHz
			-		MI				
0 dBm	-		and the second second		1 miles		-		1
						~			-
-10 dBm						~			
						~			
-10 dBm -20 dBm									
-10 dBm -20 dBm									
-10 dBm -20 dBm -30 dBm -40 dBm									
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm									
-10 dBm -20 dBm -30 dBm -40 dBm									
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm									
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm									
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	Hz			30001	pts			Spe	an 1.5 MHz
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm	Hz T			30001	pts			Spe	an 1.5 MHz





1Pk Max	- 1		1	1	M	1[1]			-0.76 dBm
10 dBm					_				440770 GHz
0 dBm		1			IVI	2[1]	1		-41.32 dBn 509401 GHz
-10 dBm									
	1 -21,114	dBm			_			1	1 2
-30 dBm	Y								
-40 dBm								1	
-60 dBn	M	B M	14 M		a colabiana	Allen Allen	والمناجب والم	Hereise Hilsto	a desidence of the
-70 dBm					Local Local			"Marine subjection and the	
Start 30.0 M Marker	IHz			30001 (ots			Sto	p 25.0 GHz
Type Ref	Trc 1	X-valu 2.440	e	Y-value -0.76 dBm	Func	tion	Fun	ction Resul	t
M2 M3	1	2.6094	401 GHz 395 GHz	-41.32 dBm -59.44 dBm	-				
M4	1	7.3162	246 GHz 401 GHz	-59.49 dBm -58.89 dBm					
ME	1			30,09 GDIII					
Spectrum Ref Level Att SGL Count 1 1Pk Max	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	VNT 3-DH	Mode /	Auto FFT		f	-1,25 dBm
Spectrum Ref Level Att SGL Count 1	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz	Mode /				-1,25 dBm 312010 GH:
Spectrum Ref Level Att SGL Count 1 IPk Max	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 IPk Max 10 dBm 0 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 1Pk Max 10 dBm-	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 IPk Max 10 dBm 0 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 10 dBm 0 dBm -10 dBm -20 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 I D dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -20 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 I dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 I dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -40 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm	17.60 dBm 20 dB	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode /	Auto FFT			-1,25 dBm
Spectrum Ref Level Att SGL Count 1 PIPk Max 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	17.60 dBm 20 dB 00/100	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode	Auto FFT		2.4799	-1,25 dBm
Spectrum Ref Level Att SGL Count 1 IPk Max ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm	17.60 dBm 20 dB 00/100	Tx. Spu offset	Irious N 7.60 dB - 1	RBW 100 kHz /BW 300 kHz	Mode	Auto FFT		2.4799	-1,25 dBn 812010 GH2





	rum								
Ref L	evel :	17.60 0	dBm Offset 7.60 c	18 🔳 RBW 100 kHz	11.2018/01				
Att		20	dB SWT 250 m	ns 💿 VBW 300 kHz	Mode Auto Sw	еер			
SGL Co	unt 3	0/30							
1Pk M	ax	-							
					M1[1]		-4.03 dBm		
10 dBm	-						2.479890 GHz		
- 10	MIT				M2[1]		-55.42 dBr		
0 dBm-	1					1	22.791820 GHz		
-10 dBn		_							
-20 dBn	1-D	1 -21.2	251 dBm						
-30 dBn	1								
-40 dBn									
10 40.									
-50 dBn	1-						112		
10.10			MB M4	MS .	The second second	And Bridge a property	and a state the second of the		
-60 dBn	takin ber	stated into a line		the second s	and the second second second second	Completion Address	the second state of the second state of the		
-70 dBn			11 P. L. L. P. P. S.		1211				
10 000									
-80 dBn		_							
Start 3	0.0 M	Hz		30001 p	ts		Stop 25.0 GHz		
Marker									
Type	Ref Trc X-value		X-value	Y-value	Function	Funct	ion Result		
M1	1	1	2.47989 GH						
M2		1	22.79182 GH						
M3	_	1	4.987377 GH						
M4 1		1	7.325402 GH	iz -59.61 dBm					

END OF REPORT