



# RADIO TEST REPORT FCC ID: 2AHZ5-A20

Product: Smartphone Trade Mark: CUBOT Model No.: A20 Family Model: A10, A30, NOTE 60, P90 Report No.: S24112100402001 Issue Date: Dec. 27, 2024

# **Prepared for**

Shenzhen Huafurui Technology Co., Ltd.

Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Shenzhen, China

# Prepared by

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# 1 TEST RESULT CERTIFICATION

Applicant's name:	Shenzhen Huafurui Technology Co., Ltd.
Address:	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Shenzhen, China
Manufacturer's Name:	Shenzhen Huafurui Technology Co., Ltd.
Address:	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Shenzhen, China
Product description	
Product name:	Smartphone
Model and/or type reference :	A20
Family Model:	A10, A30, NOTE 60, P90
Sample number	S241121004002
Date of Test	Nov. 21, 2024 ~ Dec. 27, 2024

#### Measurement Procedure Used:

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

This device described above has been tested by Shenzhen NTEK Testing Technology Co., Ltd., and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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

Prepared By: <u>Allen Liu</u> (Project Engineer) Reviewed By: <u>Aavon Cheng</u> (Supervisor) Approved :\_\_\_\_\_ By :\_\_\_\_ Alex Li (Manager)





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

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

No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, People's Republic of 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).
Name of Firm	: Shenzhen NTEK Testing Technology Co., Ltd.
Site Location	: No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Baoan
	District, Shenzhen, Guangdong, People's Republic of 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	Smartphone	
Trade Mark	СИВОТ	
FCC ID	2AHZ5-A20	
Model No.	A20	
Family Model	A10, A30, NOTE 60, P90	
Model Difference	All models are the same circuit and RF module, except for model names.	
Operating Frequency	2402MHz~2480MHz	
Modulation	GFSK, π/4-DQPSK, 8-DPSK	
Number of Channels	79 Channels	
Antenna Type	PIFA Antenna	
Antenna Gain	2.43 dBi	
Adapter	Adapter 1: Model: HJ-0502000W2-US Input: 100-240V~50/60Hz 0.3A Output: 5.0V2.0A 10.0W Adapter 2: Model: TPA-418G050200UU01 Input: 100-240V~50/60Hz 0.3A Output: 5.0V2.0A 10.0W	
Battery	DC 3.87V, 5100mAh, 19.737Wh	
Power supply	DC 3.87V from battery or DC 5V from adapter	
HW Version	G3320G-UF-V1.1	
SW Version	CUBOT_A20_E091C_V2.0	

Note 1: Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.

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





Revision History			
Report No.	Version	Description	Issued Date
S24112100402001	Rev.01	Initial issue of report	Dec. 27, 2024





# 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  $\pi$ /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	Final Test Mode Description		
Mode 1	normal link mode		

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

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

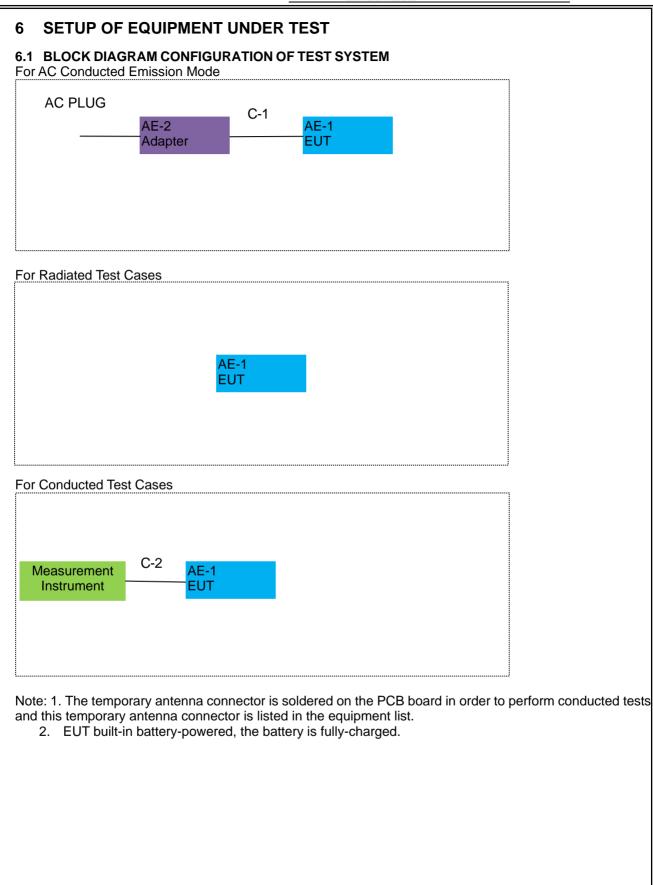
Note: For radiated test cases, the worst mode data rate 3Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission.

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

Note: The engineering test program was provided and the EUT was programmed to be in 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	Smartphone	A20	N/A	EUT
AE-2	Adapter 1	HJ-0502000W2-US	N/A	Peripherals
AE-2	Adapter 2	TPA-418G050200UU01	N/A	Peripherals

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

aulatic	na Conducted I	estequipment					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Agilent	E4440A	MY41000130	2024.04.26	2025.04.25	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2024.04.25	2025.04.24	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2024.04.25	2025.04.24	1 year
4	Test Receiver	R&S	ESPI7	101318	2024.04.26	2025.04.25	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2024.05.12	2025.05.11	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2024.04.26	2027.04.25	3 year
7	Horn Antenna	EM	EM-AH-1018 0	2011071402	2024.05.12	2027.05.11	3 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2024.05.12	2027.05.11	3 year
9	Amplifier	EMC	EMC051835 SE	980246	2024.04.25	2025.04.24	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2024.05.17	2027.05.16	3 year
11	Power Meter	DARE	RPR3006W	15I00041SN 084	2024.04.25	2025.04.24	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2023.05.06	2026.05.05	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2023.05.06	2026.05.05	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	2024.04.26	2027.04.25	3 year
16	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

Note:

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





AC Co	AC Conduction Test equipment						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2024.04.26	2025.04.25	1 year
2	LISN	R&S	ENV216	101313	2024.04.25	2025.04.24	1 year
3	LISN	SCHWARZBE CK	NNLK 8129	8129245	2024.04.25	2025.04.24	1 year
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2024.04.26	2027.04.25	3 year
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2023.05.06	2026.05.05	3 year
6	Test Cable (9KHz-30MH z)	N/A	C02	N/A	2023.05.06	2026.05.05	3 year
7	Test Cable (9KHz-30MH z)	N/A	C03	N/A	2023.05.06	2026.05.05	3 year

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

#### Measurement Software

Item	Manufacturer	Software Name	Software Version	Description
1	MWRFtest	MTS 8310 2.4GHz/5GHz	2.0	RF Conducted Test
2	Farad	EZ-EMC_RE	AIT-03A	RadiatedTest
3	Farad	EZ-EMC_CE	AIT-03A	AC Conducted Test





# 7 TEST REQUIREMENTS

# 7.1 CONDUCTED EMISSIONS TEST

# 7.1.1 Applicable Standard

According to FCC Part 15.207(a)

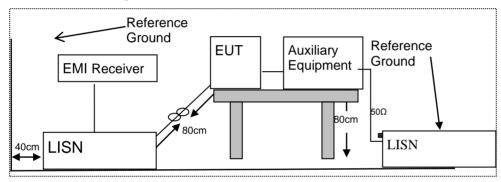
#### 7.1.2 Conformance Limit

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

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

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

## 7.1.3 Test Configuration



# 7.1.4 Test Procedure

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

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room.
- 2. The EUT was placed on a table which is 0.8m above ground plane.
- 3. Connect EUT to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- 4. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40cm long.
- 5. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- 6. LISN at least 80 cm from nearest part of EUT chassis.
- 7. The frequency range from 150KHz to 30MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth(IF bandwidth=9KHz) with Maximum Hold Mode
- 9. For the actual test configuration, please refer to the related Item –EUT Test Photos.





# 7.1.5 Test Results

EUT:	Smartphone	Model Name :	A20
Temperature:	<b>22</b> ℃	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter 1 AC 120V/60Hz	Test Mode:	Mode 1

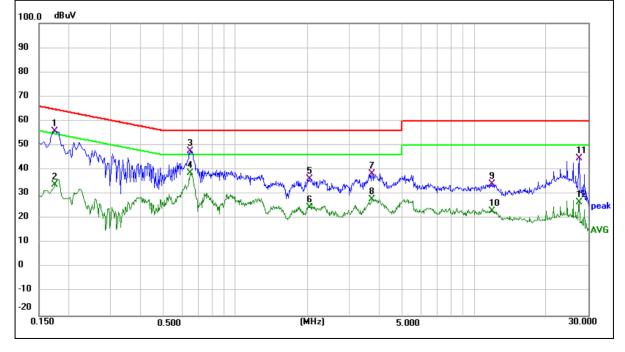
Note: Both adapter 1 and adapter 2 were tested, and the report only shows the worst adapter 1.

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Demeri
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1740	45.74	10.04	55.78	64.77	-8.99	QP
0.1740	23.77	10.04	33.81	54.77	-20.96	AVG
0.6460	36.70	11.00	47.70	56.00	-8.30	QP
0.6460	27.59	11.00	38.59	46.00	-7.41	AVG
2.0460	26.59	9.81	36.40	56.00	-19.60	QP
2.0460	14.60	9.81	24.41	46.00	-21.59	AVG
3.7380	28.33	9.96	38.29	56.00	-17.71	QP
3.7380	17.81	9.96	27.77	46.00	-18.23	AVG
11.8740	34.72	-0.63	34.09	60.00	-25.91	QP
11.8740	23.78	-0.63	23.15	50.00	-26.85	AVG
27.4300	30.90	13.68	44.58	60.00	-15.42	QP
27.4300	12.90	13.68	26.58	50.00	-23.42	AVG

Remark:

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

2. Factor = Insertion Loss + Cable Loss.



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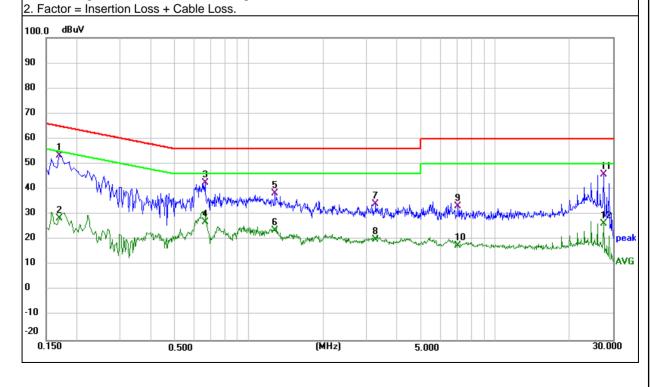
EUT:	Smartphone	Model Name :	A20
Temperature:	<b>25</b> ℃	Relative Humidity:	62%
Pressure:	1010hPa	Phase :	N
Test Voltage :	DC 5V from Adapter 1 AC 120V/60Hz	Test Mode:	Mode 1

Note: Both adapter 1 and adapter 2 were tested, and the report only shows the worst adapter 1.

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Dement
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1700	44.01	9.47	53.48	64.96	-11.48	QP
0.1700	18.89	9.47	28.36	54.96	-26.60	AVG
0.6620	32.39	10.30	42.69	56.00	-13.31	QP
0.6620	16.53	10.30	26.83	46.00	-19.17	AVG
1.2740	26.87	11.56	38.43	56.00	-17.57	QP
1.2740	12.13	11.56	23.69	46.00	-22.31	AVG
3.2740	25.13	9.17	34.30	56.00	-21.70	QP
3.2740	10.82	9.17	19.99	46.00	-26.01	AVG
7.0420	23.65	9.60	33.25	60.00	-26.75	QP
7.0420	8.06	9.60	17.66	50.00	-32.34	AVG
27.4300	33.15	12.71	45.86	60.00	-14.14	QP
27.4300	13.64	12.71	26.35	50.00	-23.65	AVG

Remark:

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







# 7.2 RADIATED SPURIOUS EMISSION

## 7.2.1 Applicable Standard

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

#### 7.2.2 Conformance Limit

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

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

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

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

Limits of Radiated Emission Measurement(Above 1000MHz)

Frequency(MHz)	Class B (dBuV/	/m) (at 3M)
Frequency(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.



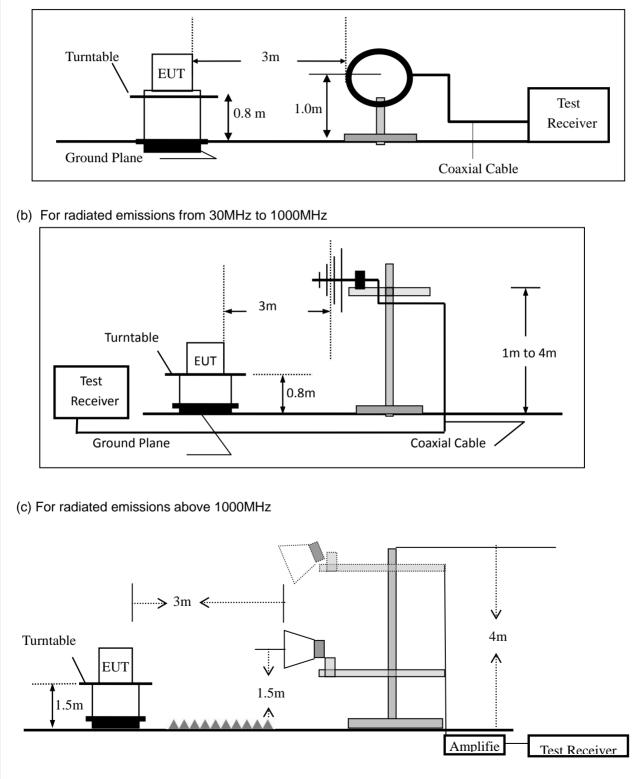


# 7.2.3 Measuring Instruments

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 to	est, the Spectrum An	alyzer was set with the follow	ving configurations:
Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Ab 200	Peak	1 MHz	1 MHz
Above 1000	Average	1 MHz	1 MHz

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

#### 7.2.6 Test Results

EUT:	Smartphone	Model No.:	A20
Temperature:	<b>20</b> ℃	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)	Ove	r(dB)
(MHz)	H/V	PK	AV	PK	AV	PK	r(dB) 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: Smartphone Model Name : A20 Temperature: **25°**℃ 55% **Relative Humidity:** 1010hPa Test Mode: Mode 3 8-DPSK Pressure: Test Voltage : DC 3.87V Emission Meter Frequency Factor Limits Margin Polar Reading Level Remark (H/V) (MHz) (dBuV) (dB) (dBuV/m) (dBuV/m) (dB) V 41.8596 5.80 18.91 24.71 40.00 -15.29 QP 19.51 QP V 54.2610 6.96 26.47 40.00 -13.53 V QP 81.2117 16.39 13.87 30.26 40.00 -9.74 V 140.3421 19.40 14.45 33.85 43.50 -9.65 QP V 174.4241 16.10 15.69 31.79 43.50 -11.71 QP V 211.5265 11.61 18.24 29.85 43.50 -13.65 QP **Remark:** Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit 80.0 dBuV/m 70 60 50 40 have 5 6 30 waynellight 2 1 20 10 0.0 (MHz) 1000.000 30.000 60.00 300.00

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Polar	Frequency	, Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	54.8348	6.47	19.51	25.98	40.00	-14.02	QP
Н	81.7833	11.75	13.87	25.62	40.00	-14.38	QP
Н	137.9028	16.44	14.48	30.92	43.50	-12.58	QP
Н	206.3976	7.92	18.15	26.07	43.50	-17.43	QP
Н	314.3765	8.01	20.76	28.77	46.00	-17.23	QP
Н	729.3583	8.35	28.86	37.21	46.00	-8.79	QP
	on Level= Mete dBuV/m	er Reading+ I	Factor, Margir	n= Emission L	evel - Limit		
70							
60							
50							
40			_			. Aller	when we have
30	monoral upor months	month and the second	management have	way the second	5	Margan	
20	munth and the second	make a second second	Marine MA	v*· *** ] · · · · ·			
10							
0.0 30.00							1000.000





Sourious	Emission A	hovo 1G		to 25CH-	<u>،</u>					
EUT:		rtphone		Model	/		A20			
					Relative Humidity: 48%					
Test Mode:		e2/Mode3	Model							
All the modula				Test By						
All the modula		s nave be	en lesieu,	and the v		l was	iepo		<i>w</i> .	
Frequency	Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	Lim	nits	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµ	V/m)	(dB)		
			Low Chann	el (2402 M⊦	lz)(8-DPSK)-	-Above	e 1G			
4804.214	63.94	5.21	35.59	44.30	60.44	74.	00	-13.56	Pk	Vertical
4804.214	40.19	5.21	35.59	44.30	36.69	54.	00	-17.31	AV	Vertical
7206.265	60.25	6.48	36.27	44.60	58.40	74.	00	-15.60	Pk	Vertical
7206.265	43.75	6.48	36.27	44.60	41.90	54.	00	-12.10	AV	Vertical
4804.109	60.86	5.21	35.55	44.30	57.32	74.	00	-16.68	Pk	Horizontal
4804.109	42.32	5.21	35.55	44.30	38.78	54.	00	-15.22	AV	Horizontal
7206.224	63.20	6.48	36.27	44.52	61.43	74.	00	-12.57	Pk	Horizontal
7206.224	47.18	6.48	36.27	44.52	45.41	54.	00	-8.59	AV	Horizontal
			Mid Chann	el (2441 MH	z)(8-DPSK)-	-Above	1G			
4882.396	62.63	5.21	35.66	44.20	59.30	74.	00	-14.70	Pk	Vertical
4882.396	43.99	5.21	35.66	44.20	40.66	54.	00	-13.34	AV	Vertical
7323.241	61.37	7.10	36.50	44.43	60.54	74.	00	-13.46	Pk	Vertical
7323.241	48.10	7.10	36.50	44.43	47.27	54.	00	-6.73	AV	Vertical
4882.108	61.58	5.21	35.66	44.20	58.25	74.	00	-15.75	Pk	Horizontal
4882.108	48.10	5.21	35.66	44.20	44.77	54.	00	-9.23	AV	Horizontal
7323.132	61.83	7.10	36.50	44.43	61.00	74.	00	-13.00	Pk	Horizontal
7323.132	42.53	7.10	36.50	44.43	41.70	54.	00	-12.30	AV	Horizontal
			High Chann	el (2480 MH	z)(8-DPSK)-	- Abov	e 1G			
4960.397	66.44	5.21	35.52	44.21	62.96	74.	00	-11.04	Pk	Vertical
4960.397	42.83	5.21	35.52	44.21	39.35	54.	00	-14.65	AV	Vertical
7440.201	60.73	7.10	36.53	44.60	59.76	74.	00	-14.24	Pk	Vertical
7440.201	45.89	7.10	36.53	44.60	44.92	54.	00	-9.08	AV	Vertical
4960.225	67.57	5.21	35.52	44.21	64.09	74.	00	-9.91	Pk	Horizontal
4960.225	48.01	5.21	35.52	44.21	44.53	54.	00	-9.47	AV	Horizontal
7440.298	61.80	7.10	36.53	44.60	60.83	74.	00	-13.17	Pk	Horizontal
7440.298	46.45	7.10	36.53	44.60	45.48	54.	00	-8.52	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           EUT:         Smartphone         Model No.:         A20           Temperature:         20 °C         Relative Humidity:         48%           Test Mode:         Mode2/ Mode4         Test By:         Allen Liu           All the modulation modes have been tested, and the worst result was report as below:         Imits         Margin         Detector         Comment           MHz:         (dBµV)         (dB)         dB/m         (dB)         (dBµV/m)         (dB)         Type         Comment           MHz:         (dB)         dB/m         (dB)         (dBµV/m)         (dB)         Type         Comment           MHz:         (dB)         dB/m         (dB)         (dBµV/m)         (dB)         Type         Comment           MHz:         (dB)         dB/m         (dB)         (dBµV/m)         (dB)         Type         Comment           2310.00         59.21         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         59.44         2.97         27.80         43.80         29.90         54         -24.10         AV         Vertical
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
Test Mode:         Mode2/ Mode4         Test By:         Allen Liu           All the modulation modes have been tested, and the worst result was report as below:
All the modulation modes have been tested, and the worst result was report as below:           Frequency         Meter Reading         Cable Loss         Antenna Factor         Preamp Factor         Emission Level         Limits         Margin         Detector         Comment           (MHz)         (dBµV)         (dB)         dB/m         (dB)         (dBµV/m)         (dB)         Type         Comment           3Mbps(8-DPSK)-Non-hopping           2310.00         59.21         2.97         27.80         43.80         46.18         74         -27.82         Pk         Horizontal           2310.00         43.50         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         59.44         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         42.93         2.97         27.80         43.80         29.90         54         -24.10         AV         Vertical           2390.00         57.69         3.14         27.21         43.80         28.43         54         -25.57         AV         Vertical           2390.00         43.39
Frequency         Meter Reading         Cable Loss         Antenna Factor         Preamp Factor         Emission Level         Limits         Margin         Detector         Comment           (MHz)         (dBµV)         (dB)         dB/m         (dB)         (dBµV/m)         (dBµV/m)         (dB)         Type           2310.00         59.21         2.97         27.80         43.80         46.18         74         -27.82         Pk         Horizontal           2310.00         43.50         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         59.44         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         59.44         2.97         27.80         43.80         29.90         54         -23.53         AV         Horizontal           2310.00         42.93         2.97         27.80         43.80         29.90         54         -24.10         AV         Vertical           2390.00         57.69         3.14         27.21         43.80         28.43         54         -25.57         AV         Vertical <td< td=""></td<>
Frequency         Reading         Loss         Factor         Factor         Level         Limits         Margin         Detector         Comment           (MHz)         (dBµV)         (dB)         dB/m         (dB)         (dBµV/m)         (dBµV/m)         (dB)         Type         Comment           2310.00         59.21         2.97         27.80         43.80         46.18         74         -27.82         Pk         Horizontal           2310.00         43.50         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         59.44         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         59.44         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         42.93         2.97         27.80         43.80         29.90         54         -24.10         AV         Vertical           2390.00         57.69         3.14         27.21         43.80         28.43         54         -25.57         AV         Vertical           2390.00
3Mbps(8-DPSK)-Non-hopping           2310.00         59.21         2.97         27.80         43.80         46.18         74         -27.82         Pk         Horizontal           2310.00         43.50         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         43.50         2.97         27.80         43.80         30.47         54         -23.53         AV         Horizontal           2310.00         59.44         2.97         27.80         43.80         46.41         74         -27.59         Pk         Vertical           2310.00         42.93         2.97         27.80         43.80         29.90         54         -24.10         AV         Vertical           2390.00         57.69         3.14         27.21         43.80         28.43         54         -25.57         AV         Vertical           2390.00         41.88         3.14         27.21         43.80         28.43         54         -25.57         AV         Vertical           2390.00         56.62         3.14         27.21         43.80         29.94         54         -24.06         AV         Hori
2310.00       59.21       2.97       27.80       43.80       46.18       74       -27.82       Pk       Horizontal         2310.00       43.50       2.97       27.80       43.80       30.47       54       -23.53       AV       Horizontal         2310.00       59.44       2.97       27.80       43.80       30.47       54       -23.53       AV       Horizontal         2310.00       59.44       2.97       27.80       43.80       46.41       74       -27.59       Pk       Vertical         2310.00       42.93       2.97       27.80       43.80       29.90       54       -24.10       AV       Vertical         2390.00       57.69       3.14       27.21       43.80       28.43       54       -25.57       AV       Vertical         2390.00       56.62       3.14       27.21       43.80       28.43       54       -25.57       AV       Vertical         2390.00       56.62       3.14       27.21       43.80       29.94       54       -24.06       AV       Horizontal         2390.00       43.39       3.14       27.21       43.80       29.94       54       -24.06       AV <t< td=""></t<>
2310.00       43.50       2.97       27.80       43.80       30.47       54       -23.53       AV       Horizontal         2310.00       59.44       2.97       27.80       43.80       46.41       74       -27.59       Pk       Vertical         2310.00       42.93       2.97       27.80       43.80       29.90       54       -24.10       AV       Vertical         2390.00       57.69       3.14       27.21       43.80       28.43       54       -25.57       AV       Vertical         2390.00       41.88       3.14       27.21       43.80       28.43       54       -25.57       AV       Vertical         2390.00       56.62       3.14       27.21       43.80       29.94       54       -24.06       AV       Vertical         2390.00       41.88       3.14       27.21       43.80       28.43       54       -25.57       AV       Vertical         2390.00       43.39       3.14       27.21       43.80       29.94       54       -24.06       AV       Horizontal
2310.00       59.44       2.97       27.80       43.80       46.41       74       -27.59       Pk       Vertical         2310.00       42.93       2.97       27.80       43.80       29.90       54       -24.10       AV       Vertical         2390.00       57.69       3.14       27.21       43.80       44.24       74       -29.76       Pk       Vertical         2390.00       41.88       3.14       27.21       43.80       28.43       54       -25.57       AV       Vertical         2390.00       56.62       3.14       27.21       43.80       43.17       74       -30.83       Pk       Horizontal         2390.00       43.39       3.14       27.21       43.80       29.94       54       -24.06       AV       Horizontal
2310.0042.932.9727.8043.8029.9054-24.10AVVertical2390.0057.693.1427.2143.8044.2474-29.76PkVertical2390.0041.883.1427.2143.8028.4354-25.57AVVertical2390.0056.623.1427.2143.8043.1774-30.83PkHorizontal2390.0043.393.1427.2143.8029.9454-24.06AVHorizontal
2390.00       57.69       3.14       27.21       43.80       44.24       74       -29.76       Pk       Vertical         2390.00       41.88       3.14       27.21       43.80       28.43       54       -25.57       AV       Vertical         2390.00       56.62       3.14       27.21       43.80       43.17       74       -30.83       Pk       Horizontal         2390.00       43.39       3.14       27.21       43.80       29.94       54       -24.06       AV       Horizontal
2390.00       41.88       3.14       27.21       43.80       28.43       54       -25.57       AV       Vertical         2390.00       56.62       3.14       27.21       43.80       43.17       74       -30.83       Pk       Horizontal         2390.00       43.39       3.14       27.21       43.80       29.94       54       -24.06       AV       Horizontal
2390.00         56.62         3.14         27.21         43.80         43.17         74         -30.83         Pk         Horizontal           2390.00         43.39         3.14         27.21         43.80         29.94         54         -24.06         AV         Horizontal
2390.00 43.39 3.14 27.21 43.80 29.94 54 -24.06 AV Horizontal
2483.50 57.76 3.58 27.70 44.00 45.04 74 -28.96 Pk Vertical
2483.50 43.10 3.58 27.70 44.00 30.38 54 -23.62 AV Vertical
2483.50 60.19 3.58 27.70 44.00 47.47 74 -26.53 Pk Horizontal
2483.50 43.49 3.58 27.70 44.00 30.77 54 -23.23 AV Horizontal
3Mbps(8-DPSK)-hopping
2310.00 52.48 2.97 27.80 43.80 39.45 74.00 -34.55 Pk Vertical
2310.00 43.98 2.97 27.80 43.80 30.95 54.00 -23.05 AV Vertical
2310.00 54.75 2.97 27.80 43.80 41.72 74.00 -32.28 Pk Horizontal
2310.00 42.57 2.97 27.80 43.80 29.54 54.00 -24.46 AV Horizontal
2390.00 54.94 3.14 27.21 43.80 41.49 74.00 -32.51 Pk Vertical
2390.00 43.03 3.14 27.21 43.80 29.58 54.00 -24.42 AV Vertical
2390.00 53.43 3.14 27.21 43.80 39.98 74.00 -34.02 Pk Horizontal
2390.00 42.61 3.14 27.21 43.80 29.16 54.00 -24.84 AV Horizontal
2483.50 52.34 3.58 27.70 44.00 39.62 74.00 -34.38 Pk Vertical
2483.50 41.81 3.58 27.70 44.00 29.09 54.00 -24.91 AV Vertical
2483.50 51.39 3.58 27.70 44.00 38.67 74.00 -35.33 Pk Horizontal
2483.50 44.60 3.58 27.70 44.00 31.88 54.00 -22.12 AV Horizontal

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





Spurious E	Spurious Emission in Restricted Band 3260MHz-18000MHz									
EUT:	Smart	Smartphone			1odel No.: A20					
Temperature:	<b>20</b> ℃			Relativ	/e Humidit	y:	48%	, D		
Test Mode:	Mode2	2/ Mode4	ł	Test B	sy:		Alle	n Liu		
All the modula	tion mode	s have be	een testec	J, and the	worst res	ult wa	as rep	port as be	elow:	
Frequency	Reading Level	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Lim	nits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµ'	V/m)	(dB)	Туре	
3260	61.84	4.04	29.57	44.70	50.75	7	4	-23.25	Pk	Vertical
3260	56.01	4.04	29.57	44.70	44.92	54	4	-9.08	AV	Vertical
3260	61.28	4.04	29.57	44.70	50.19	7	4	-23.81	Pk	Horizontal
3260	58.32	4.04	29.57	44.70	47.23	54	4	-6.77	AV	Horizontal
3332	64.33	4.26	29.87	44.40	54.06	7	4	-19.94	Pk	Vertical
3332	53.88	4.26	29.87	44.40	43.61	54	4	-10.39	AV	Vertical
3332	63.21	4.26	29.87	44.40	52.94	7	4	-21.06	Pk	Horizontal
3332	53.71	4.26	29.87	44.40	43.44	5	4	-10.56	AV	Horizontal
17797	44.68	10.99	43.95	43.50	56.12	7	4	-17.88	Pk	Vertical
17797	33.97	10.99	43.95	43.50	45.41	5	4	-8.59	AV	Vertical
17788	45.32	11.81	43.69	44.60	56.22	7	4	-17.78	Pk	Horizontal
17788	32.99	11.81	43.69	44.60	43.89	54	4	-10.11	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:	Smartphone	Model No.:	A20
Temperature:	<b>20</b> ℃	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:	Smartphone	Model No.:	A20
Temperature:	<b>20</b> ℃	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:	Smartphone	Model No.:	A20
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	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:	Smartphone	Model No.:	A20
Temperature:	<b>20</b> ℃	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:	Smartphone Model No.:		A20	
Temperature:	<b>20</b> ℃	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 §15.209(a) (see §15.205(c)).

#### 7.8.3 Measuring Instruments

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

#### 7.8.4 Test Setup

Please refer to Section 6.1 of this test report.

#### 7.8.5 Test Procedure

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

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT must have its hopping function enabled.

Use the following spectrum analyzer settings:

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

RBW = 100KHz

VBW = 300KHz

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

Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

Repeat above procedures until all measured frequencies were complete.

#### 7.8.6 Test Results

EUT:	Smartphone	Model No.:	A20
Temperature:	20 °C	Relative Humidity:	48%
Test Mode:	Mode2 /Mode4/ Mode 5	Test By:	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: 2.43dBi). 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 transmitter be presented with a continuous data (or information) stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section. (h) The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

# 7.11.2 Frequency Hopping System

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

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

# 7.11.3 EUT Pseudorandom Frequency Hopping Sequence

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

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





# 8 TEST RESULTS

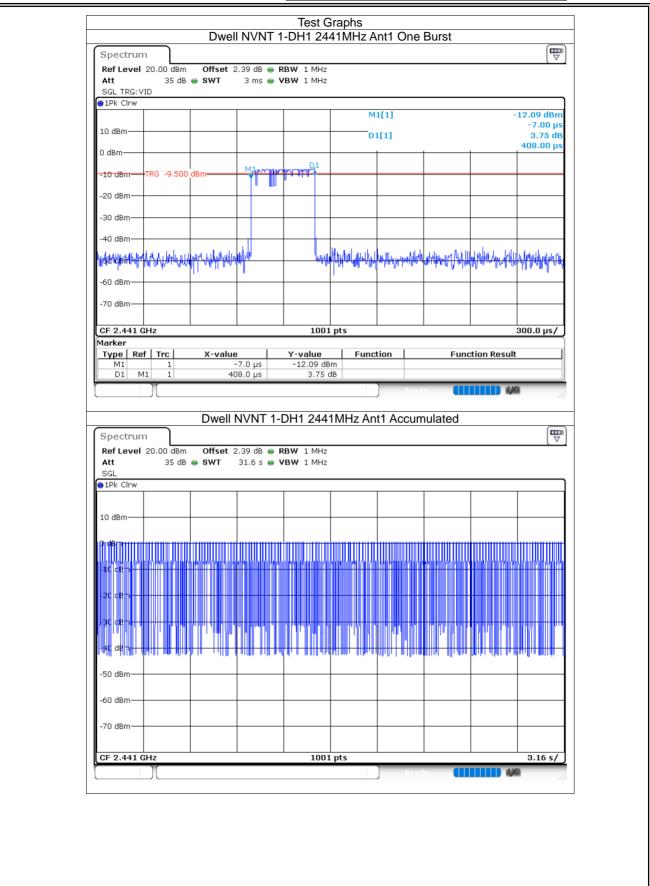
#### 8.1 DWELL TIME

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.408	87.312	214	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.665	233.1	140	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.912	267.904	92	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.399	86.982	218	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.65	242.55	147	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.896	257.744	89	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.396	87.516	221	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.65	224.4	136	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.896	266.432	92	31600	400	Pass





ß







SGL TRG: VID	●SWT 5ms ●V	/BW 1 MHz					
●1Pk Clrw			M1	[1]		-	11.33 dBm
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-30 dBm							
-40 dBm							1
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-60 dBm							
-70 dBm							
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	1			Read			1
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Spectrum	Dweilinvini	0110 244 110		T ACCUIT	luiateu		
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Att 35 dB ( SGL 1Pk Cirw 10 dBm							
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Att         35 dB           SGL         ●           ● 1Pk CIrw         ■           10 dBm         ■           12 dBm         ■           41 dBm         ■           42 dBm         ■           33 dBm         ■	• SWT 31.6 s • V	/BW 1 MHz				H PP	
Att 35 dB ( SGL 9 1Pk Clrw 10 dBm 1 dBm 1 dBm 2 dBm 2 dBm	• SWT 31.6 s • V	<b>/BW</b> 1 MHz				H PP	
Att         35 dB           SGL         ●           ●         1Pk CIrw           10 dBm         ●           11 dBm         ●           12 dBm         ●           32 dBm         ●           35 dBm         ●           -50 dBm         ●	• SWT 31.6 s • V	/BW 1 MHz				H PP	
Att         35 dB           SGL         ●           ● 1Pk CIrw         ●           10 dBm         ●           1 dBm         ●           1 dBm         ●           2 dBm         ●           32 dBm         ●           ●         ●	• SWT 31.6 s • V	/BW 1 MHz				H PP	
Att         35 dB           SGL         ●           ●         1Pk CIrw           10 dBm         ●           11 dBm         ●           12 dBm         ●           32 dBm         ●           35 dBm         ●           -50 dBm         ●	• SWT 31.6 s • V	/BW 1 MHz				H PP	
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Att     35 dB       SGL       ● 1Pk Clrw       10 dBm       1 dBm       1 dBm       2 dBm       3 dBm       -50 dBm       -70 dBm	• SWT 31.6 s • V	/BW 1 MHz				H PP	3.16 5/

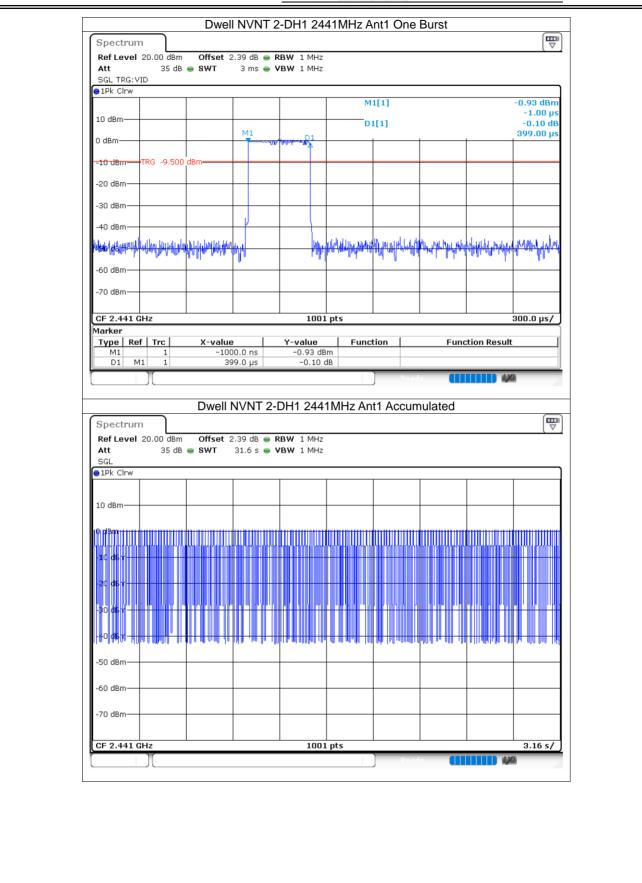




Ref Level 20.00 dBm       Offset 2.39 dB + RBW 1 MHz         Sub Tracvid       9 mB + WW 1 MHz         Sub Tracvid       0111         0 dBm       0111         0 dBm       0111         -20.00 m       1001 pts         B00.00 pts/         Marker       1         Type Bef Trc       X-value       Y-value         Fe Level 20.00 dBm       Offset 2.39 dB + RBW 1 MHz         St dB + BWY 1 MHz       0111       0.010 m         St dB	Spectrum						
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-70 dBm       -70 dBm       B00.0 µs/         Type Ref Trc       X-value       Y-value       Function         Marker       -11.70 dBm       Function Result         M1       1       -24.0 µs       -11.70 dBm         D1       M1       2.912 ms       -0.38 dB         D1       M1       2.912 ms       -0.38 dB         Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated       TV         Spectrum       TV         Ref Level 20.00 dBm       Offset 2.39 dB       RBW 1 MHz         Att       35 dB       SWT       31.6 s       VBW 1 MHz         Att       35 dB       SWT       31.6 s       VBW 1 MHz         10 dBm       0       0       0       0       0       0         10 dBm       0       0       0       0       0       0       0       0         10 dBm       0 <td< td=""><td></td><td></td><td>0.000</td><td><del>ar an callana ana 16 - 16 - 16</del></td><td><u></u></td><td>and and a challe out a</td><td><del>rift - H -</del></td></td<>			0.000	<del>ar an callana ana 16 - 16 - 16</del>	<u></u>	and and a challe out a	<del>rift - H -</del>
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	-70 dBm		1001 pts	Read			5/
	-70 dBm		1001 pts	Read	lv <b>(111</b>		s/ )











0 dBm       0.1(1)       -0.77 dB         0 dBm       10 dBm       1.65000 ms         10 dBm       10 dBm       1.65000 ms         -20 dBm       10 dBm       1.65000 ms         -30 dBm       10 dBm       1.65000 ms         -40 dBm       1.65000 ms       1.65000 ms         -40 dBm       1.65000 ms       1.65000 ms         -40 dBm       1.650 ms       1.65000 ms         -50 dBm       1.650 ms       1.650 ms         -70 dBm       1.650 ms       1.650 ms         -70 dBm       1.650 ms       -0.37 dBm         -70 dBm       1.650 ms       -0.37 dBm         0 dBm       1.650 ms       -0.77 dB         0 dBm       0.05 s       -0.37 dBm	10 dBm						1[1]			-0.37 dBm
10 dBm       TRG       9.500 dBm		N	1				1[1]		1	
20 dBm -0 dB	U dBm		م. مرد	and the second		-101-				
-30 dBm       -40 dBm	-10 dBm-	TRG -9.500	dBm							
40 dBm       1 <td>-20 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-20 dBm									
Specific weight with the second sec	-30 dBm									
Specific weight with the second sec	-40 dBm									
-60 dBm       -70 dBm       -0.01 pts       500.0 µs/         Marker       Type [Ref Trc X-volue 0.0 s] V-volue 10.01 pts       500.0 µs/         Marker       -0.37 dBm       -0.37 dBm       -0.17 dBm         Di M1 1       1.05 ms       -0.37 dBm       -0.07 dBm         Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated       Spectrum       Spectrum       Spectrum         Ref Level 20.00 dBm       Offset 2.39 dB = RBW 1 MHz       SGL       Spectrum       Spectrum         In dBm       -0.77 dB       -0.17 dB       -0.17 dB       -0.17 dB       -0.17 dB         In dBm       -0.77 dB       -0.17 dB       -0.17 dB       -0.17 dB       -0.17 dB       -0.17 dB         Spectrum		u kanan buna kata kata kata kata kata kata kata ka				MILLIUL	LUL MARK	. Manuellan M	hdal ha Andilatatar	adated in business
-70 dBm	•	of and contraction				h	ll <del>n a sta max</del>	Bul also have th	1. <u>n. n. 10. n. 11.</u> H	<del>ն ն.մ.անուն, նֆ.տ.ქ</del>
CF 2.441 CHz         1001 pts         500.0 µs/           Marker         Type [eff Trc         X-value         Function         Function Result           M1         1         0.0 s         -0.37 dBm         Function         Function Result           D1         M1         1         0.0 s         -0.37 dBm         Function Result         Function Result           D1         M1         1         1.65 ms         -0.77 dB         Function Result         Function Result           Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated         Spectrum         Two fistel 2.39 dB • RBW 1 MHz         Function Result         Function Result </td <td>-60 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-60 dBm									
Marker         Type         Ref         Trc         X-value         Y-value         Function         Function Result           D1         1         0.0 \$         -0.37 dBm	-70 dBm									
Marker         Type         Ref         Trc         X-value         Y-value         Function         Function Result           D1         1         0.0 \$         -0.37 dBm	CE 2 441 (	Hz			1001	nts				500 0 us /
M1         1         0.0 s         -0.37 dbm           D1         M1         1         1.65 ms         -0.77 db           Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated           Spectrum           Ref Level 20.00 dbm         Offset 2.39 db         RBW 1 MHz           Att 35 db         SWT         31.6 s         VBW 1 MHz           Att 35 db         SWT         31.6 s         VBW 1 MHz           Sol         Offset 2.39 db         RBW 1 MHz           Att 35 db         SWT         31.6 s         VBW 1 MHz           Sol         Offset 2.39 db         RBW 1 MHz           Sol         Offset 2.39 db         RBW 1 MHz           Att 35 db         SWT         31.6 s         VBW 1 MHz           Att 35 db         SWT         31.6 s           Offset 2.39 db         RBW 1 MHz           Att 10 db         Att 10 db           Offset 2.39 db         SWT         Att 10.00 db <th< td=""><td>Marker</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Marker									
D1         M1         1         1.65 ms         -0.77 dB           Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated         Image: Comparison of the comparison			X-value				tion	Fund	tion Result	
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated           Ref Level 20.00 dBm         Offset 2.39 dB         RBW 1 MHz           Att         35 dB         SWT         31.6 s         VBW 1 MHz           SGL         Image: Signal and the second and the secon	D1 M		1	65 ms						
Spectrum         The construction of the construction							Read	v <b>(II</b>		
Spectrum         The flevel 20.00 dBm         Offset 2.39 dB         RBW 1 MHz           Att         35 dB         SWT         31.6 s         VBW 1 MHz           SGL         IPk Clrw         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			Dwell	NI/NT 2-I	244		t1 Accun	nulated		
Ref Level 20.00 dBm         Offset 2.39 dB         RBW 1 MHz           Att         35 dB         SWT         31.6 s         VBW 1 MHz           SGL         IPk Clrw         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					DI 13 244					
SGL         ID dBm         ID dBm <td>Spectrun</td> <td></td> <td>BWOII</td> <td></td> <td>DI 13 244</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Spectrun		BWOII		DI 13 244					
	-									
0 dBn	Ref Level Att	20.00 dBm	Offset 2	2.39 dB 👄 R	RBW 1 MHz					
0 dBn	Ref Level Att SGL	20.00 dBm	Offset 2	2.39 dB 👄 R	RBW 1 MHz					
r44, dEm     -50 dBm     -50 dBm     -50 dBm       -60 dBm     -70 dBm     -50 dBm     -50 dBm       -70 dBm     -50 dBm     -50 dBm	Ref Level Att SGL	20.00 dBm	Offset 2	2.39 dB 👄 R	RBW 1 MHz					♥
r44, dEm     -50 dBm     -50 dBm     -50 dBm       -60 dBm     -70 dBm     -50 dBm     -50 dBm       -70 dBm     -50 dBm     -50 dBm	Ref Level Att SGL PIPk Cirw	20.00 dBm	Offset 2	2.39 dB 👄 🛛	RBW 1 MHz					₹
r44, dEm     -50 dBm     -50 dBm     -50 dBm       -60 dBm     -70 dBm     -50 dBm     -50 dBm       -70 dBm     -50 dBm     -50 dBm	Ref Level Att SGL PIPK Cirw	20.00 dBm	Offset 2	2.39 dB 👄 🛛	RBW 1 MHz					
r44, dEm     -50 dBm     -50 dBm     -50 dBm       -60 dBm     -70 dBm     -50 dBm     -50 dBm       -70 dBm     -50 dBm     -50 dBm	Ref Level Att SGL PIPk Cirw	20.00 dBm	Offset 2	2.39 dB 👄 🛛	RBW 1 MHz					
r44, dEm     -50 dBm     -50 dBm     -60 dBm     -70 dBm     -70 dBm     -50 dBm	Ref Level Att SGL PIPk Cirw	20.00 dBm	Offset 2	2.39 dB 👄 🛛	RBW 1 MHz					
r44, dEm     -50 dBm     -50 dBm     -60 dBm     -70 dBm     -70 dBm     -50 dBm	Ref Level Att SGL PIPk Cirw	20.00 dBm	Offset 2	2.39 dB 👄 🛛	RBW 1 MHz					
-50 dBm -60 dBm -70 dB	Ref Level Att SGL ● 1Pk CIrw 10 dBm -10 dBm -10 dBm -20 dBm	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					
-50 dBm -60 dBm -70 dB	Ref Level Att SGL ● 1Pk Clrw 10 dBm -10 dBm -10 dBm -20 dBm	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					
-60 dBm -70 dBm CF 2.441 GHz 1001 pts 3.16 s/	Ref Level Att SGL 1Pk Clrw 10 dBm -10 cBm -10 cBm -20 cBm -30 dEm -30 dEm	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					
-70 dBm (CF 2.441 GHz 1001 pts 3.16 s/	Ref Level Att SGL 1Pk Clrw 10 dBm -10 dBm -10 dBm -20	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					
CF 2.441 GHz         1001 pts         3.16 s/	Ref Level Att SGL 10 dBm 0 dBm -10 35 h -20 31 h -30 dEm -30 dEm -30 dEm	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					
CF 2.441 GHz         1001 pts         3.16 s/	Ref Level Att SGL 1Pk CIrw 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					
	Ref Level           Att           SGL           1Pk CIrw           10 dBm           0 dBm           -10 25 m           -20 31 m           -30 dBm           -50 dBm           -60 dBm	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					
	Ref Level           Att           SGL           ● 1Pk CIrw           10 dBm           • 0 dEm           • 10 cBm           • 50 dBm           • 60 dBm	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					
	Ref Level Att SGL ● 1Pk CIrw 10 dBm - 10 dBm - 20 33 m - 20 33 m - 30 dBm - 50 dBm - 60 dBm - 70 dBm	20.00 dBm 35 dB	Offset 2 • SWT	2.39 dB • R 31.6 s • V	RBW 1 MHz /BW 1 MHz					





Att SGL TRG:V		● SWT	2.39 dB 👄 R 8 ms 👄 V	BW 1 MHz					
●1Pk Clrw					м	1[1]		-	12.42 dBm
10 dBm					D	l[1]			-40.00 µs 2.87 dB
0 dBm							1	2	2.89600 ms
-10 dBm	TRS -9.400	dBm	whytertheor manyle	14617ng-hph-4801 4					
-20 dBm									
-30 dBm									
-40 dBm									
h <del>l</del> ebhaibhn <u>hi</u> ll	фř			Level Level	muulaallaat	oukur Mhorftufun	short-th <mark>attletaal</mark>	n y y land an	ant the later have
-60 dBm									
-70 dBm									
CF 2.441 G	iHz			1001	pts				800.0 µs/
Marker _Type   Ret	f   Trc	X-value	• I	Y-value	Func	tion	Fund	tion Result	
M1 D1 M	1	-4	Ю.О µs 396 ms	-12.42 dB 2.87 d	m				
						Read	× <b>(11</b>		1
	20.00 dBm			BW 1 MHz					
	20.00 dBm		2.39 dB 👄 R 31.6 s 👄 V						
Ref Level Att SGL	20.00 dBm								
Ref Level Att SGL ● 1Pk Clrw	20.00 dBm								
Ref Level Att SGL ● 1Pk Clrw	20.00 dBm								
Ref Level Att SGL ● 1Pk Clrw	20.00 dBm								
Ref Level Att SGL 1Pk Clrw 10 dBm 0 dBm -10 cBm -10 cBm	20.00 dBm 35 dB	• SWT	31.6 5 • •						
Ref Level           Att           SGL           1Pk Clrw           10 dBm           0 dBm           0 dBm           20 cB           20 cB	20.00 dBm 35 dB	• SWT	31.6 5	<b>/BW</b> 1 MHz					
Ref Level           Att           SGL           1Pk Clrw           10 dBm           0 dBm           0 dBm           20 cB           20 cB	20.00 dBm 35 dB	• SWT	31.6 5	/BW 1 MHz					
Ref Level           Att           SGL           • 1Pk Clrw           10 dBm           • 1Pk Clrw           10 dBm           • 10 cBm           • 50 dBm	20.00 dBm 35 dB	• SWT	31.6 5	/BW 1 MHz					
Ref Level           Att           SGL           1Pk Clrw           10 dBm           0 dBm           10 zBm           10 zBm           10 zBm           10 zBm           10 zBm           10 zBm	20.00 dBm 35 dB	• SWT	31.6 5	/BW 1 MHz					
Ref Level           Att           SGL           • 1Pk Clrw           10 dBm           • 1Pk Clrw           10 dBm           • 10 cBm           • 50 dBm	20.00 dBm 35 dB	• SWT	31.6 5	/BW 1 MHz					
Ref Level           Att           SGL           • 1Pk Clrw           10 dBm           • 1Pk Clrw           10 dBm           • 50 dBm           -60 dBm	20.00 dBm 35 dB	• SWT	31.6 5	/BW 1 MHz					
Ref Level           Att           SGL           • 1Pk Clrw           10 dBm           • 1Pk Clrw           10 dBm           • 1D 2Bm           • 1D 2Bm           • 1D 2Bm           • 1D 2Bm           · SD 2Bm           · SO dBm           · -60 dBm           · 70 dBm	20.00 dBm 35 dB	• SWT	31.6 5	/BW 1 MHz					3.16 s/





Spectrum		DWCI			41MHz A		Burst		
-									
Ref Level Att		Offset 2 SWT	39 dB 👄 R. 3 ms 👄 V	BW 1 MHz BW 1 MHz					
SGL TRG: V									
●1Pk Clrw					м	1[1]			12.54 dBm
10 dBm									-145.00 μ <mark>s</mark>
					Di	[1]			0.88 dB 396.00 µs
0 dBm			1						
-10 dBm	TRG -9.000	dBm <u>M1</u>	- holm hore	<u>41</u>					
-20 dBm		0	11						
-30 dBm									
-50 UBIII									
-40 dBm				di i				1 1	
A#Ulquaryyyy	Կելութիններիներ	http://			ulin de la construction de la const	KARANA ANT		WWWWWWWWWW	hill the state of
-60 dBm		· •			*	U	o : :U,	r	U
-70 dBm									
CF 2.441 G	Hz		I	1001	pts				300.0 μs/
Marker	Tre	X-value		V_ushis	Fund	tion	Euro	tion Result	
Type Ref	1	-14	+5.0 μs	<b>Y-value</b> -12.54 dB	m		Func	aon kesult	
D1 M	1 1	39	96.0 µs	0.88 c	IB				74
L						Read			
		Dwell I	NVNT 3-I	DH1 244	1MHz An	t1 Accum	nulated		
Spectrum									
Spectrum Ref Level		Offset 2	2.39 dB 👄 R	BW 1 MHz					
Ref Level Att	20.00 dBm		2.39 dB 👄 R 31.6 s 👄 V						
Ref Level	20.00 dBm								
Ref Level Att SGL	20.00 dBm								
Ref Level Att SGL	20.00 dBm								
Ref Level Att SGL 1Pk Clrw	20.00 dBm								
Ref Level Att SGL 1Pk Clrw	20.00 dBm								
Ref Level Att SGL 1Pk Clrw	20.00 dBm								
Ref Level Att SGL 1Pk Clrw 10 dBm 10 dBm - LD cBr	20.00 dBm								
Ref Level           Att           SGL           1Pk Chrw           10 dBm           HD dBm           HD dBm           HD dBm           HD dBm	20.00 dBm 35 dB	• SWT	31.6 s • •	<b>/BW</b> 1 MHz					
Ref Level           Att           SGL           1Pk Chrw           10 dBm           HD dBm           HD dBm           HD dBm           HD dBm	20.00 dBm 35 dB	• SWT	31.6 s • •	<b>/BW</b> 1 MHz					
Ref Level           Att           SGL           ● 1Pk Clrw           10 dBm           +10 cBr           +10 cBr           -20 cBr           -30 cBr	20.00 dBm 35 dB	• SWT	31.6 s • •						
Ref Level           Att           SGL           IPk Clrw           10 dBm           H d	20.00 dBm 35 dB	• SWT	31.6 5 • • •	<b>/BW</b> 1 MHz					
Ref Level Att SGL 1Pk Clrw 10 dBm 10 dBm 	20.00 dBm 35 dB	• SWT	31.6 5 • • •	/BW 1 MHz					
Ref Level Att SGL ● 1Pk Clrw 10 dBm → 10 cBm → 10 cBm → 10 cBm → 0 cBm → 0 cBm → 0 cBm	20.00 dBm 35 dB	• SWT	31.6 5 • • •	/BW 1 MHz					
Ref Level           Att           SGL           ● 1Pk Clrw           10 dBm           +10 dBm           +10 cBm           +10 cBm           +10 cBm           +10 cBm           +10 cBm           +10 cBm	20.00 dBm 35 dB	• SWT	31.6 5 • • •	/BW 1 MHz					
Ref Level           Att           SGL           1Pk Clrw           10 dBm           10 dBm           10 dBm           20 dBm           -50 dBm	20.00 dBm 35 dB	• SWT	31.6 5 • • •	/BW 1 MHz					
Ref Level           Att           SGL           IPk Clrw           10 dBm           IO dBm           IO cBr	20.00 dBm 35 dB	• SWT	31.6 5 • • •	/BW 1 MHz					
Ref Level           Att           SGL           ● 1Pk Clrw           10 dBm           • 1D dBm           • 1D cBr           • 1D cBr           • 2D cBr           • 50 cBr           • 50 dBm           -60 dBm	20.00 dBm 35 dB	• SWT	31.6 5 • • •	/BW 1 MHz					
Ref Level           Att           SGL           IPk Clrw           10 dBm           IO dBm           IO dBm           IO dBm           SO dBm           -50 dBm           -60 dBm           -70 dBm	20.00 dBm 35 dB	• SWT	31.6 5 • • •	<pre>/BW 1 MHz</pre>					3.16 s/





Ref Level 20.00 dBm         Offset 2.39 dB         RBW 1 MHz           Att         30 dB         SWT         5 ms         VBW 3 MHz           SGL TRG:VID         10 dBm         01[1]         -13.39 dBm           10 dBm         01[1]         1.91 dB         01[1]         1.91 dB           0 dBm         01[1]         1.91 dB         0.1[1]         1.91 dB           -10 dBm         TRG         -80600 dBm*//db/dc/dc/dc/dc/dc/dc/dc/dc/dc/dc/dc/dc/dc/	Spectrum	Dwell NVNT 3	3-DH3 244	41MHz A	nt1 One	Burst		
SQL TRG:VUD           9.3% Clw           10 dBm         01(1)           0 dBm         10.32.00 dBm           0 dBm         10.30 dBm           -100 dBm         10.30 dBm           -20 dBm         -10.00 dBm           -30 dBm         -10.00 dBm           -40 dBm         -10.00 dBm           -70 dBm         -10.00 gB           -70 dBm <td>Ref Level 20.00 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>( ~ ,</td>	Ref Level 20.00 dBm							( ~ ,
In dem         MI[1]         -13.29 dem           In dem         Interviewer         Interviewer           Interviewer         Interviewer         Int	SGL TRG: VID	● SWT 5 ms ●	VBW 3 MHz					
10 dBm       01[1]       .140.00 µs         0 dBm       01[1]       .151 dB         10 dBm       10 dBm       10 dBm         10 dBm       10 dBm       10 dBm         20 dBm       10 dBm       10 dBm         -20 dBm       10 dBm       10 dBm         -30 dBm       10 dBm       10 dBm         -0 dBm       10 dBm       10 dBm         -70 dBm       10 dBm       10 dBm         -70 dBm       10 dBm       10 dBm         -70 dBm       10 dBm       10 dBm         01 M1 1       1.65 ms       1.91 dB         01 M1 1       1.65 ms       1.91 dB         01 M1 1       1.65 ms       1.91 dB         0 dBm       10 dBm       10 dBm         10 dBm       10 dBm       10 dBm         10 dBm       10 dBm       10 dBm         10 dBm       10 dBm       10 dBm	●1Pk Clrw			M	1[1]		-	13.38 dBm
0 dBm       1.65000 ms         10 dBm       1.65000 ms         20 dBm       1.65000 ms         30 dBm       1.65000 ms         -20 dBm       1.65000 ms         -30 dBm       1.65000 ms         -60 dBm       1.65000 ms         -70 dBm       1.65 ms         01 M1 1       1.65 ms         1.65 ms       1.91 dB         01 M1 1       1.65 ms         1.91 dB       1.91 dB         01 M1 1       1.65 ms         1.91 dB       1.91 dB         01 M1 1       1.65 ms         1.91 dB       1.91 dB         01 M1 1       1.65 ms         1.91 dB       1.91 dB         01 M1 1       1.65 ms         1.91 dB       1.91 dB         01 M1 1       1.65 ms         1.91 dB       1.91 dB         0 dB = SWT       31.6 s = VBW 3 MHz         0 dB = SWT       31.6 s = VBW 3 MHz         0 dB = SWT       31.6 s = VBW 3 MHz         0 dB = SWT       31.6 s = VBW 3 MHz         0 dB = SWT       31.6 s = VBW 3 MHz         0 dB = SWT       31.6 s = VBW 3 MHz         0 dB = SWT       1.0 m Hz       1.0 m Hz         0	10 dBm							
-20 dBm       -30 dBm       -40 dBm       -50 dBm       -50 dBm         -40 dBm       -50 dBm       -50 dBm       -50 dBm       -50 dBm         -70 dBm       -70 dBm       -713.38 dBm       Function Result       -70 dBm         -70 dBm       -713.38 dBm       -70 dBm       -70 dBm       -713.38 dBm       -70 dBm         -70 dBm       -713.38 dBm       -70 dBm       -713.38 dBm       -70 dBm       -70 dBm         -70 dBm       -70 dBm       -713.38 dBm       -70 dBm       -70 dBm       -70 dBm         -70 dBm       -70 dBm       -713.38 dBm       -70 dBm       -70 dBm       -70 dBm       -70 dBm         -70 dBm       -70 d	0 dBm						1	
-30 dBm       -40 dBm       -41 dBm	-10 dBm TRG -8\800 d	IBW AND MURANDARY	unarunanyan	1				
-30 dBm -40 dBm -40 dBm -50 dBm -70 dBm -7	-20 dBm			2				
-40 dBm	-30 dBm							
00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm         -70 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm         -70 dBm       -00 dBm       -140.0 µs       -13.38 dBm       -100 ps         Type Ref Trc       X-value       Function       Function Result         M1       1       -140.0 µs       -13.38 dBm       -00 dBm         D1 M1       1       0.65 ms       1.91 dB       -00 dBm         Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated       Two       -00 dBm       -00 dBm         Spectrum       W       31.6 s       VBW 3 MHz       -00 dBm       -00 dBm         10 dBm       -00 dBm       Offset 2.39 dB       RBW 1 MHz       -00 dBm       -00 dBm       -00 dBm         10 dBm       -00 dBm       00 dBm       00 dBm       -00 dBm       -00 dBm       -00 dBm         20 dBm       -00 dBm         -00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm         -00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 dBm       -00 d								
-60 dBm					1	. 1		
-70 dBm				halleladin	mandantra	And Anna And	where the second second	http://www.prin
CF 2.441 GHz         1001 pts         500.0 µs/           Marker         Type Ref         Trc         X-value         Y-value         Function         Function Result           M1         1         1-140.0 µs         -13.38 dBm         101         1								
Marker         Y-volue         Function         Function Result           M1         1         -140.0 µs         -13.38 dBm	-70 dBm							
Type         Ref         Trc         X-value         Y-value         Function         Function Result           M1         1         -140.0 µs         -13.38 dBm         1.91 dB		I	1001	pts				500.0 µs/
D1       M1       1       1.65 ms       1.91 dB         Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated         Owell NVNT 3-DH3 2441MHz Ant1 Accumulated         Ref Level 20.00 dBm       Offset 2.39 dB       RBW 1 MHz         Att       30 dB       SWT       31.6 s       VBW 3 MHz         SGL       IPk Clrw       III       IIII       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Type Ref Trc				ion	Fund	tion Result	
Spectrum         The level 20.00 dBm         Offset 2.39 dB         RBW 1 MHz           Att         30 dB         SWT         31.6 s         VBW 3 MHz           SGL         IPk Clrw         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII								
Spectrum         Image: Constraint of the second secon					Read	y 🛄	<b></b>	a //
Spectrum         Image: Constraint of the second secon		Dwell NVNT 3-	DH3 2441	IMHz An	t1 Accum	nulated		
Att         30 dB         SWT         31.6 s         VBW 3 MHz           SGL         10 dBm	Spectrum							
SGL         Image: SGL <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
10 dBm     10 dBm       -50 dBm     100 pts       -60 dBm     1001 pts	SGL							
D dEmi +								
IC     JB       -50     dBm       -60     dBm       -70     dBm	10 dBm							
-50 dBm       -50 dBm         -60 dBm       -70 dBm         -70 dBm       -50 dBm	(1) (d(B)m) - + + + + + + + + + + + + + + + +							
-50 dBm -60 dBm -70 dBm -70 dBm CF 2.441 GHz 1001 pts 3.16 s/	אין היינה באיה היינה באיר איי	ander met is en helde beinen h						u di monto n
-50 dBm       -50 dBm         -60 dBm       -70 dBm         -70 dBm       1001 pts       3.16 s/	н.ч <b>я</b> в п							
-50 dBm       -50 dBm         -60 dBm       -70 dBm         -70 dBm       1001 pts       3.16 s/								
-50 dBm -60 dBm -70 dBm -70 dBm - <b>CF 2.441 GHz</b> 1001 pts 3.16 s/	K20   \$16 m							
-50 dBm -60 dBm -70 dBm -70 dBm - <b>CF 2.441 GHz</b> 1001 pts 3.16 s/	480 #6h							
-60 dBm -70 dBm CF 2.441 GHz 1001 pts 3.16 s/	-10 -16 h			·				
-70 dBm CF 2.441 GHz 1001 pts 3.16 s/	rad and u Hit and the photographic states of the states of							U
CF 2.441 GHz 1001 pts 3.16 s/	rad and u Hit and the photographic states of the states of			Na Alicita da A				
	-40 26 0			NALAA Aq				unn II.
	-60 dBm							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	-60 dBm			MALA (4				U.U.U.U.U.U.U.U.U.U.U.U.U.U.U.U.U.U.U.
	-50 dBm		117401444 11740			<u>, 1</u> 11, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		3.16 s/
	-50 dBm		117401444 11740			<u>, 1</u> 11, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		3.16 s/
	-50 dBm		117401444 11740			<u>, 1</u> 11, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		3.16 s/
	-50 dBm		117401444 11740			<u>, 1</u> 11, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		3.16 s/
	-50 dBm		117401444 11740			<u>, 1</u> 11, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		3.16 s/





	_	Dwell	NVNT 3	3-DH5 2	24411	/Hz A	nt1 One	Burst		
Spectrum		061 0								
Ref Level 20 Att		SWT	.39 dB 👄 R 8 ms 👄 V							
SGL TRG: VID 1Pk Clrw										
UPK CIIW						M	I[1]			10.06 dBm
10 dBm						D1	[1]			-144.00 µs -1.34 dB
0 dBm									2	.89600 ms
-10 dBm	G -9.000 (	dBm	handlennlyhherendes	-	-					
-20 dBm				1	<b>`</b>					
-30 dBm										
-40 dBm						at to	n daalla aa da	Phillippise	مان بين ليا س	المراجع الم
handrywyw					hanna a	partition	nezhtentizent	<u>IHUMANIANA M</u>	ant hour bar	MANDON MANA
-60 dBm										
-70 dBm										
CF 2.441 GHz Marker	Z			10	001 pts	;				800.0 µs/
Type Ref	Trc 1	X-value -14	4.0 μs	<b>Y-valu</b> -10.06		Funct	ion	Fund	tion Result	
D1 M1	1		396 ms		34 dB					
							Read	× (11		•
		Dwell N	NVNT 3-I	DH5 24	441MI	Hz An	t1 Accum	nulated		
Spectrum										
Ref Level 20 Att			.39 dB 👄 R 31.6 s 👄 V							
SGL	35 UB 1	- 3WI	31.0 5 👅 🖣							
●1Pk Clrw										
10 dBm								1		
10 dBm										
10 dBm										
0 dBm+ -11 c3 -21 c3										
0 d6m -1: c5 -2: c5 -3: c511										
0 d6m -1: c5 -2: c5 -3: c511										
0 d6m -1: c5 -2: c5 -3: c511										
0 dBm -11 d5 -21 d5 -31 d5 										
0 dBm										
0 dBm										
0 dBm										
0 dBm										3.16 s/
0 dBm										3.16 s/
0 dBm										3.16 s/
0 dBm										3.16 s/
0 dBm										3.16 s/
0 d6m										3.16 s/





## 8.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	2.38	21	Pass
NVNT	1-DH5	2441	Ant1	3.7	21	Pass
NVNT	1-DH5	2480	Ant1	2.12	21	Pass
NVNT	2-DH5	2402	Ant1	3.01	21	Pass
NVNT	2-DH5	2441	Ant1	4.63	21	Pass
NVNT	2-DH5	2480	Ant1	3.25	21	Pass
NVNT	3-DH5	2402	Ant1	3.2	21	Pass
NVNT	3-DH5	2441	Ant1	4.69	21	Pass
NVNT	3-DH5	2480	Ant1	3.05	21	Pass





Spectrum	)				1Hz Ant1			
Ref Level 20.00 Att	35 dB <b>SWT</b>	2.38 dB 👄 RI 1 ms 👄 V	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep			( ~ )
SGL Count 100/:	100							
				M1	[1]			2.38 dBm
10 dBm		_					2.402	204000 GHz
				M1				
0 dBm								
-10 dBat								
-20 dBm								
-30 dBm		_						
40 40 -								
-40 dBm								
-50 dBm								
-60 dBm								
-30 ubm								
-70 dBm								
			1001	1 pts			Spa	n 5.0 MHz
Spectrum Ref Level 20.00	D dBm Offset 35 dB SWT	2.39 dB 🖷 RI	BW 2 MHz	H5 2441N Mode Auto				
Spectrum Ref Level 20.00 Att SGL Count 100/3	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz	H5 2441M Mode Auto		× (11)		
Spectrum Ref Level 20.00 Att	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz	Mode Auto		× <b>(1</b> )		
Spectrum Ref Level 20.00 Att SGL Count 100/3	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep	y <b>(1)</b>		-
Spectrum Ref Level 20.00 Att SGL Count 100/3 PIPk Max	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz	Mode Auto	) Sweep	× ••••		
Spectrum Ref Level 20.00 Att SGL Count 100/3 PIPk Max	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep	× <b>(1)</b>		
Spectrum Ref Level 20.00 Att SGL Count 100/3 PIPk Max	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep			
Spectrum Ref Level 20.00 Att SGL Count 100/3 PIPK Max 10 dBm 0 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep	× ••••		
Spectrum Ref Level 20.00 Att SGL Count 100/: 10 dBm 0 dBm -10 dBm -20 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep	× ••••		
Spectrum Ref Level 20.00 Att SGL Count 100/3 10 dBm 0 dBm -10 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep	× ••••		
Spectrum Ref Level 20.00 Att SGL Count 100/: 10 dBm 0 dBm -10 dBm -20 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep			
Spectrum Ref Level 20.00 Att SGL Count 100/: 1Pk Max 10 dBm 0 dBm -10-dBm -20 dBm -30 dBm -40 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep			
Spectrum Ref Level 20.00 Att SGL Count 100/: 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep			
Spectrum Ref Level 20.00 Att SGL Count 100/: 1Pk Max 10 dBm 0 dBm -10-dBm -20 dBm -30 dBm -40 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep			
Spectrum Ref Level 20.00 Att SGL Count 100/2 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -60 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep			
Spectrum Ref Level 20.00 Att SGL Count 100/: 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep			
Spectrum Ref Level 20.00 Att SGL Count 100/2 PIPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -60 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MHz BW 2 MHz	Mode Auto	) Sweep		2.44(	
Spectrum           Ref Level 20.00           Att           SGL Count 100/:           ID dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MH2 BW 2 MH2	Mode Auto	) Sweep		2.44(	3.70 dBm 187510 GHz
Spectrum           Ref Level 20.00           Att           SGL Count 100/:           ID dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm	35 dB <b>SWT</b>	2.39 dB 🖷 RI	BW 2 MH2 BW 2 MH2	Mode Auto	) Sweep		2.440	3.70 dBm 187510 GHz

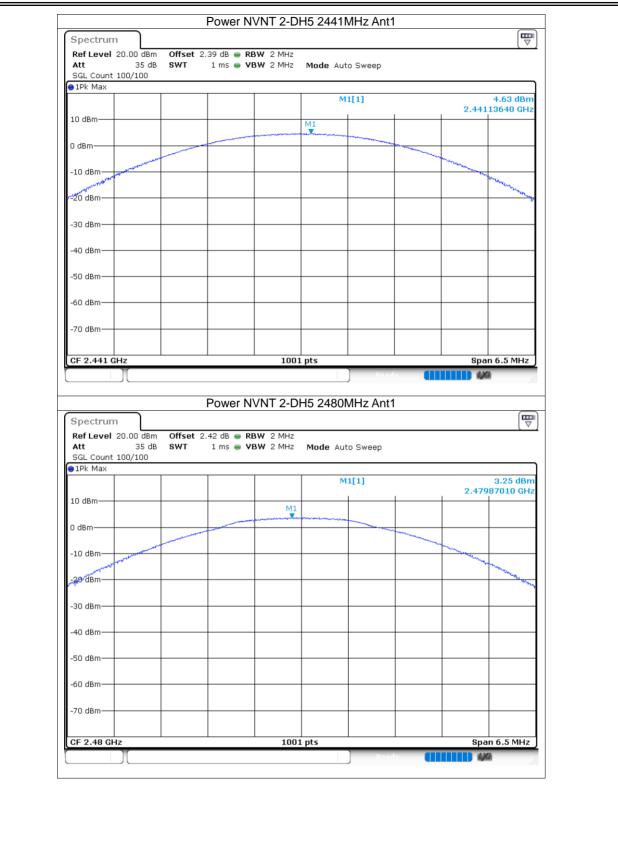




Spectrum Ref Level 20.00 dBm Att 35 dE SGL Count 100/100	42 dB 👄 RB 1 ms 👄 VB		Mode Aut	o Sweep			
●1Pk Max			M	1[1]			2.12 dBm
10 dbm						2.479	90510 GHz
10 dBm		M1					
0 dBm	 						
-10 dBm							
00 dD-							
-20 dBm							
-30 dBm							
-40 dBm							
-50 dBm							
-60 dBm							
-70 dBm							
CF 2.48 GHz		1001	pts	Poor		Spa	n 5.0 MHz
	 D				14		
Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 IPk Max	Power N 2.38 dB • RI 1 ms • V	BW 2 MHz			t1		
Ref Level         20.00         dBr           Att         35 d         35 d           SGL Count         100/100         100/100           IPk Max         100/100         100/100	2.38 dB 😑 RI	BW 2 MHz	Mode A		t1	2.4	3.01 dBm 10192210 GHz
Ref Level 20.00 dBi Att 35 d SGL Count 100/100 1Pk Max 10 dBm	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level         20.00         dBr           Att         35 d         35 d           SGL Count         100/100         100/100           IPk Max         100/100         100/100	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level 20.00 dBi Att 35 d SGL Count 100/100 1Pk Max 10 dBm	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level         20.00 dBr           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -10 dBm	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level         20.00 dBi           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -10 dBm           -10 dBm         -20 dBm	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level         20.00 dBr           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -10 dBm	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level         20.00 dBi           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -10 dBm           -10 dBm         -20 dBm	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level         20.00 dBi           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -10 dBm           -10 dBm         -20 dBm           -30 dBm         -30 dBm	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level         20.00 dBr           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -           -10 dBm         -           -30 dBm         -           -40 dBm         -	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1	2.4	3.01 dBm
Ref Level         20.00 dBr           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -10 dBm           -10 dBm         -30 dBm           -40 dBm         -40 dBm	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep		2.4	3.01 dBm
Ref Level         20.00 dBr           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -           -10 dBm         -           -30 dBm         -           -40 dBm         -	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep		2,-	3.01 dBm
Ref Level         20.00 dBi           Att         35 d           SGL Count         100/100           ● 1Pk Max         10 dBm           10 dBm         -           -10 dBm         -           -30 dBm         -           -40 dBm         -           -50 dBm         -           -70 dBm         -	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep	t1		3.01 dBm k0192210 GHz
Ref Level         20.00 dBr           Att         35 d           SGL Count         100/100           IPk Max         10 dBm           0 dBm         -           -10 dBm         -           -30 dBm         -           -40 dBm         -           -50 dBm         -	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep			3.01 dBm
Ref Level         20.00 dBi           Att         35 d           SGL Count         100/100           ● 1Pk Max         10 dBm           10 dBm         -           -10 dBm         -           -30 dBm         -           -40 dBm         -           -50 dBm         -           -70 dBm         -	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep			3.01 dBm H0192210 GHz
Ref Level         20.00 dBi           Att         35 d           SGL Count         100/100           ● 1Pk Max         10 dBm           10 dBm         -           -10 dBm         -           -30 dBm         -           -40 dBm         -           -50 dBm         -           -70 dBm         -	2.38 dB 😑 RI	BW 2 MHz BW 2 MHz	Mode A	uto Sweep			3.01 dBm H0192210 GHz

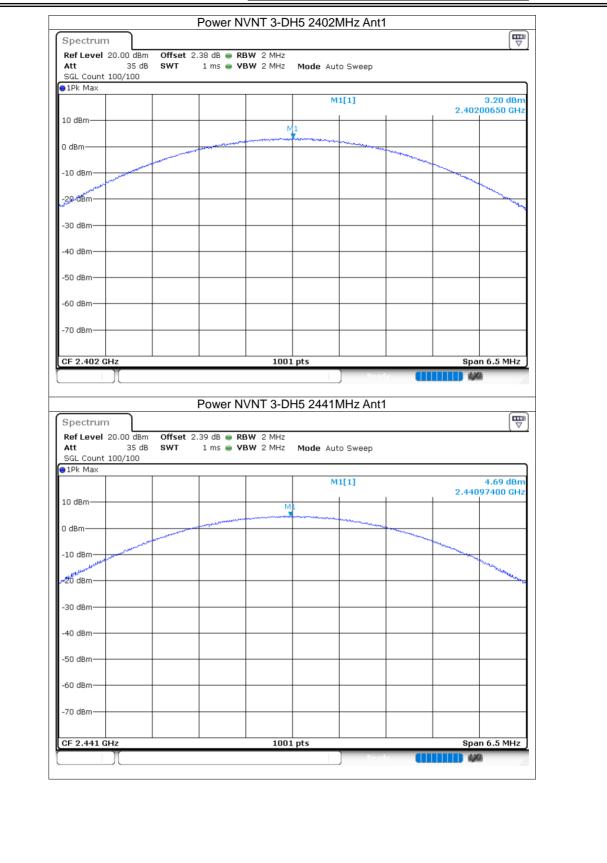
















Spectrum Ref Level 20.00 dBm	Offset 2.42	de 😑 Re	W 2 MHz					
Att 35 dB		ms 👄 VB		Mode Aut	o Sween			
SGL Count 100/100								
⊜1Pk Max								
				M	1[1]			3.05 dBm
							2.48	005190 GHz
10 dBm			M					
			141.					
0 dBm		and a start and a start and a start a s			and a state of the	***		
						and the second s		
-10 dBm								
a Book of the and the								mon
-29'dBm								- and -
								1
-30 dBm								
-40 dBm								
-50 dBm								
-30 ubiii								
60 dbm								
-60 dBm								
-70 dBm							1	
1								



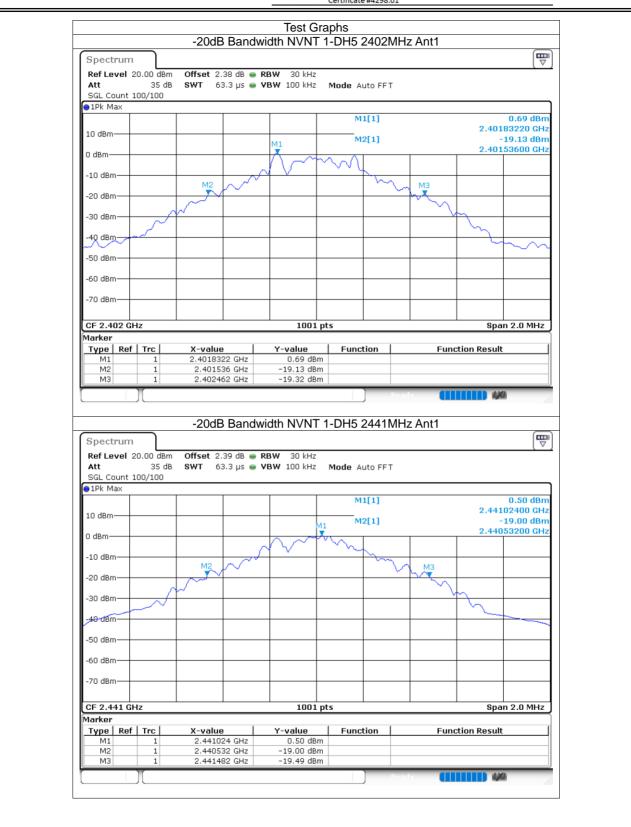


## 8.3 -20DB BANDWIDTH

DANDMIDIN					
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.926	Pass
NVNT	1-DH5	2441	Ant1	0.95	Pass
NVNT	1-DH5	2480	Ant1	0.954	Pass
NVNT	2-DH5	2402	Ant1	1.264	Pass
NVNT	2-DH5	2441	Ant1	1.298	Pass
NVNT	2-DH5	2480	Ant1	1.308	Pass
NVNT	3-DH5	2402	Ant1	1.29	Pass
NVNT	3-DH5	2441	Ant1	1.298	Pass
NVNT	3-DH5	2480	Ant1	1.276	Pass





























pectrum						
Ref Level 2	0.00 dBm	Offset 2.42 dB 👄	RBW 30 kHz			(*)
Att	35 dB	_		<b>Iode</b> Auto FFT		
GL Count 1	00/100					
1Pk Max						
				M1[1]		-1.61 dBm
						2.48015980 GHz
0 dBm				M2[1]		-21.20 dBm
10				M1		2.47934800 GHz
dBm				N		
			how	$\sim$ $\vee$		
					r m	
20 dBm	M2~				~~_M3	
	7					
30 dBm						
	1					
10 dBm	~					$\sim \sim \sim \sim \sim$
~~~						~
50 dBm —						
50 dBm 🕂						
70 dBm —						
F 2.48 GHz			1001 pts	;		Span 2.0 MHz
arker			•			
Type   Ref	Trc	X-value	Y-value	Function	Function	Result
M1	1	2.4801598 GHz	-1.61 dBm		. unocion	
M2	1	2.479348 GHz	-21.20 dBm			
M3	1	2.480624 GHz	-21.56 dBm			





Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.861
NVNT	1-DH5	2441	Ant1	0.869
NVNT	1-DH5	2480	Ant1	0.897
NVNT	2-DH5	2402	Ant1	1.189
NVNT	2-DH5	2441	Ant1	1.189
NVNT	2-DH5	2480	Ant1	1.199
NVNT	3-DH5	2402	Ant1	1.181
NVNT	3-DH5	2441	Ant1	1.211
NVNT	3-DH5	2480	Ant1	1.181

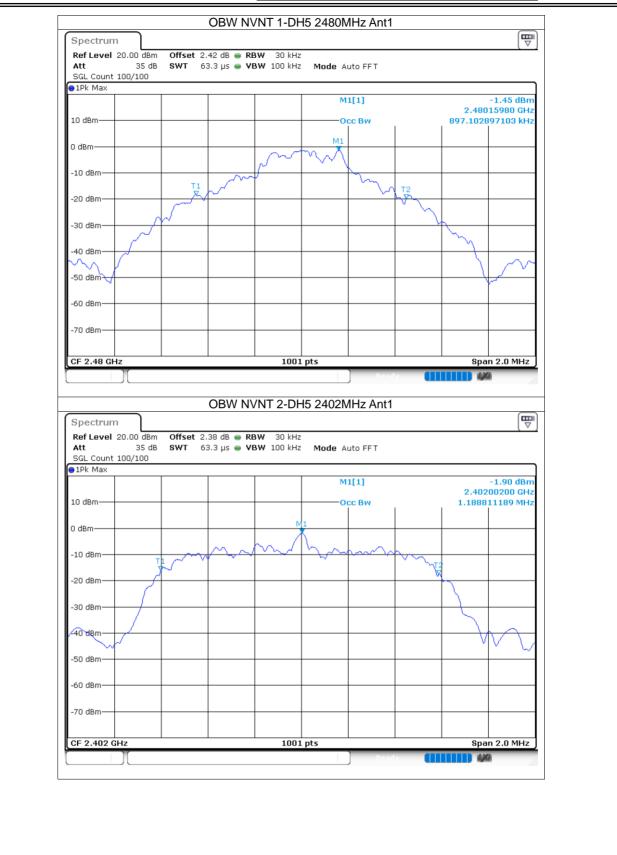












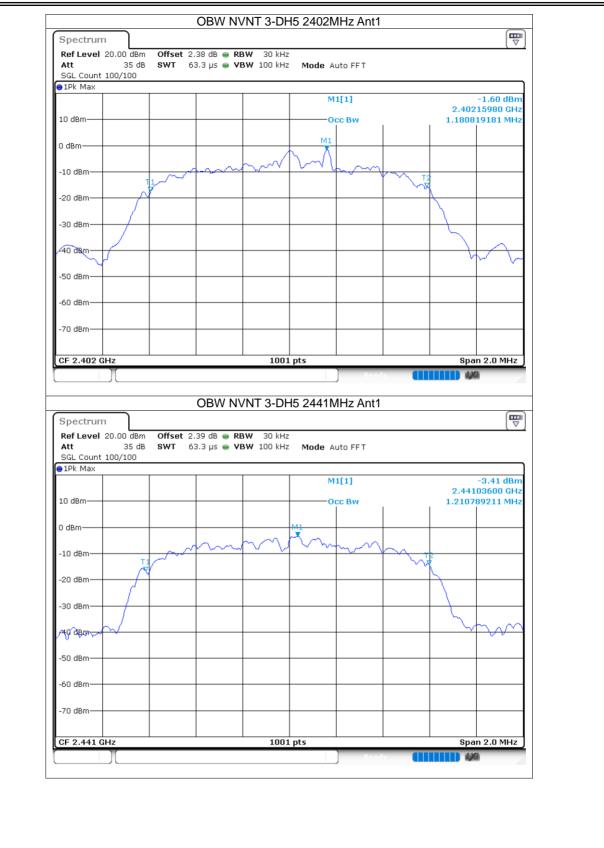
















Spectrum	· L_						 	
Ref Level 3 Att SGL Count 3	35 dB			BW 30 kHz BW 100 kHz		uto FFT		
1Pk Max		-			-			
10 dBm						1[1] cc Bw		-1.55 dBm 15980 GHz 19181 MHz
) dBm				~ ~ ~ ^ (	$\gamma \sim 1$			
10 dBm	ŗ	3~~~	~~~					
-20 dBm								
-30 dBm								
40 dBm	$\checkmark$						<del>`</del> ~~	$\sim \sim \sim$
50 dBm								
-60 dBm								
70 dBm								
CF 2.48 GH	17			1001	ntc			n 2.0 MHz





## 8.5 CARRIER FREQUENCIES SEPARATION

J CARRIER	REQUENC	IES SEPARAI					
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.828	2403.054	1.226	0.617	Pass
NVNT	1-DH5	Ant1	2441.022	2442.024	1.002	0.633	Pass
NVNT	1-DH5	Ant1	2478.83	2479.83	1	0.636	Pass
NVNT	2-DH5	Ant1	2402.16	2403.16	1	0.843	Pass
NVNT	2-DH5	Ant1	2440.998	2442.071	1.073	0.865	Pass
NVNT	2-DH5	Ant1	2479.07	2480.073	1.003	0.872	Pass
NVNT	3-DH5	Ant1	2402.022	2403.022	1	0.86	Pass
NVNT	3-DH5	Ant1	2441.006	2442.007	1.001	0.865	Pass
NVNT	3-DH5	Ant1	2478.996	2480.014	1.018	0.851	Pass







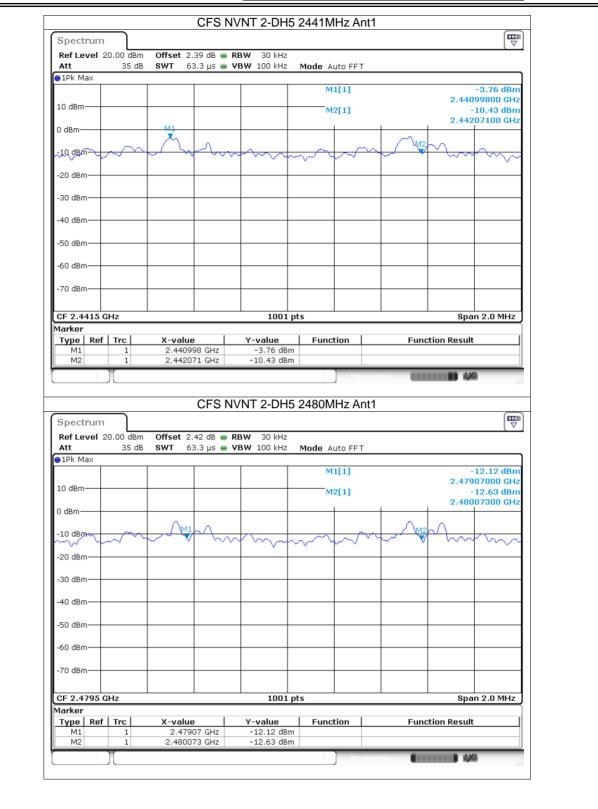






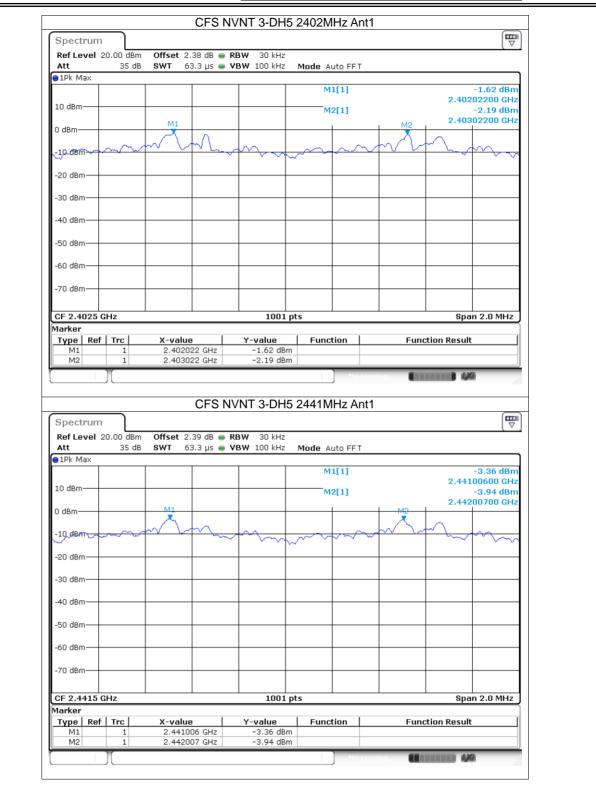






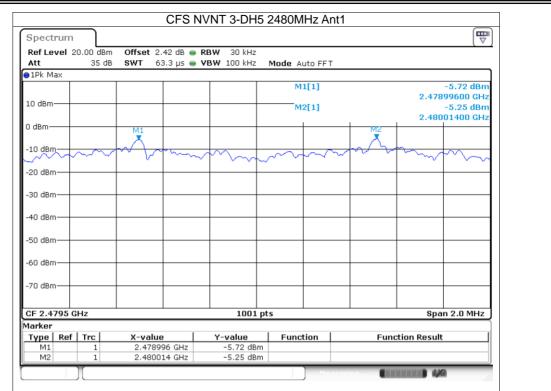
















NUMBER OF HOP	PING CHANNEL	Antenna	Hopping Number	Limit	Verdict
			Hopping Number	LIIIII	
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass





	Норр	ping No.	Test G . NVNT 1	-DH5 240	)2MHz A	nt1		
Spectrum Ref Level 20.00 d	Inm Officiat 2.20	0 d0 👄 <b>00</b>	<b>BW</b> 100 kHz					[
Att 35			BW 300 kHz		uto Sweep			
●1Pk Max				Mi	l[1]			1.59 dE
10 dBm				M2	2[1]			019205 G -2.41 dE
M1 0 <mark>韓務师<u>計計計計</u>計計計計</mark>	TURITY			A A D O B D O B D O B D O	Diseases		2.4	802435 G
-10 վետ <del>կ Մելելյի</del>	usuumuu	INUUUA	A AUAUM	NAMANAKI	URIMIA	MANANAN	DAAAAAA	MMM
	A R M N A N A N A N A N A N A N A N A N A N	hhaaah	LAAAAAAAA	hannaah	AAAAAAAA	pppppp	UDANANAN.	YVY (YY)
-20 dBm								
-30 dBm								
-40 dBm								+
50 dBm								+ {
-60 dBm								
-70 dBm								
Start 2.4 GHz Marker			1001	pts			Stop 2	2.4835 GH
Type Ref Trc M1 1	X-value 2.4019205		Y-value 1.59 dB	Funct	ion	Fund	ction Resul	lt
M2 1	2.4802435	5 GHz	-2.41 dB					
M2 1	2.4802435	5 GHz			Measur	in g 🔳		ю
M2 [			-2.41 dB	Im	) Measur )2MHz A	ing		MA
Spectrum			-2.41 dB		) D2MHz A	ing		M)
Spectrum Ref Level 20.00 d	Hopp IBm Offset 2.38	ping No. 8 db 🖷 Re	-2.41 dB . NVNT 2 3W 100 kHz	2-DH5 24(		mass.		<b>XX</b>
Spectrum Ref Level 20.00 d	Hopp IBm Offset 2.38	ping No. 8 db 🖷 Re	-2.41 dB	2-DH5 24( : : Mode At	uto Sweep	ing (		
Spectrum Ref Level 20.00 d Att 35 1Pk Max	Hopp IBm Offset 2.38	ping No. 8 db 🖷 Re	-2.41 dB . NVNT 2 3W 100 kHz	2-DH5 24( : Mode Au	uto Sweep	ing. () i Ant1	2.4	-2.76 dE 018370 G
Spectrum Ref Level 20.00 d Att 35 1Pk Max 10 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 1Pk Max 10 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 1Pk Max	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 1Pk Max 10 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 PIPk Max 10 dBm -10 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 PIPk Max 10 dBm 0 dBm -20 dBm -20 dBm -80 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 P 1Pk Max 10 dBm d dBm -20 dBm -20 dBm -20 dBm -40 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 IN Max 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 P 1Pk Max 10 dBm d dBm -20 dBm -20 dBm -20 dBm -40 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 IN Max 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 24( 	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum           Ref Level 20.00 d           Att 35           ID dBm           0 dBm           0 dBm           -20 dBm           -80 dBm           -50 dBm           -60 dBm	Hopp IBm Offset 2.33 dB SWT 1	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	P-DH5 240	uto Sweep L[1] 2[1]		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum Ref Level 20.00 d Att 35 P 1Pk Max 10 dBm 10 dBm -20 dBm -20 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	Hopp Bm Offset 2.30 dB SWT 1 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	ping No. 8 dB • RE 1 ms • VE	-2.41 dB	2-DH5 240	uto Sweep		2.4	-2.76 dE 018370 G -7.25 dE 804940 G
Spectrum           Ref Level 20.00 d           Att 35           ID dBm           0 dBm           0 dBm           20 dBm           -20 dBm           -50 dBm           -50 dBm           -70 dBm           -70 dBm	Hopp Bm Offset 2.30 dB SWT 1 ( ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	ping No. 8 dB ● RE 1 ms ● VE	-2.41 dB	P-DH5 240	uto Sweep		2.4	-2.76 dE 018370 G -7.25 dE 804940 G





Spectru										
Ref Leve Att	el 20.	00 dBn 35 dI			RBW 100 kHz VBW 300 kHz		uto Sweep			
1Pk Max										0.00.40
						IN IN	1[1]		2.40	-2.02 dBm 17535 GHz
.0 dBm—						M	2[1]		0.40	-4.76 dBm 01600 GHz
a Wyrytyw			A 11 .		dutra		1			
Wryym	VVVV	MAM	NY147NYundary	www.hrw	MAMMIN	MARIAN	padalaha	and with the	Adaptical	AAAAA
0 dBm—										
20 dBm-	_									
80 dBm—										
40 dBm—	_									
										М
i0 dBm—										uu
50 dBm—	_									
70 dBm—										
start 2.4	0117				1001	Inte			Ptop 2	4835 GHz
arker	GHZ				1001	i pis			Stup 2	4033 GH2
	tef   1	Frc	X-value		Y-value	Fund	tion	Fund	tion Result	
M1 M2		1	2.40175	35 GHz 16 GHz	-2.02 dE -4.76 dE					





## 8.7 BAND EDGE

S./ BANDED	GE						
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-52.58	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-52.91	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-49.87	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.71	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-49.48	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-52.09	-20	Pass





Spectrum	Band Edge NVN					
· ·	Bm Offset 2.38 dB 🖷	RBW 100 kHz				( 🗸
<b>Att</b> 35	dB SWT 18.9 µs 🖷		Mode Auto FFT			
SGL Count 100/100	)					
●1Pk Max			M1[1]		2.2	21 dBn
					2.402159	
10 dBm			11			
0 40			X			
0 dBm						
-10 dBm		/				
			$\rightarrow$			
-20 dBm			- <u>\</u>			
			$\langle  $			
-30 dBm		A				
40 40		/				
-40 dBm						
-50 dBm	/					
man-M	hant		\	h	m	$\sim$
-60 dBm	- A A A A A			<b>``</b> ``	· · · · · ·	-
-70 dBm						
CF 2.402 GHz		1001 p	ts		Span 8.0	D MHz
			R	eady	4/4	
	nd Edge NVNT 1	-DH5 2402MI	Hz Ant1 No-Ho	opping Emiss	ion	Ē
Spectrum Ref Level 20.00 d	Bm <b>Offset</b> 2.38 dB (	<b>RBW</b> 100 kHz			ion	
Spectrum Ref Level 20.00 d	Bm <b>Offset</b> 2.38 dB ( dB <b>SWT</b> 227.5 µs (	<b>RBW</b> 100 kHz			ion	
Spectrum Ref Level 20.00 di Att 35	Bm <b>Offset</b> 2.38 dB ( dB <b>SWT</b> 227.5 µs (	<b>RBW</b> 100 kHz	Mode Auto FFT			
Spectrum Ref Level 20.00 dl Att 35 SGL Count 100/100 P1Pk Max	Bm <b>Offset</b> 2.38 dB ( dB <b>SWT</b> 227.5 µs (	<b>RBW</b> 100 kHz			1.5	54 dBn
Spectrum Ref Level 20.00 df Att 35 SGL Count 100/100	Bm <b>Offset</b> 2.38 dB ( dB <b>SWT</b> 227.5 µs (	<b>RBW</b> 100 kHz	Mode Auto FFT		1.5 2.4021500	54 dBn 00 GH
Spectrum Ref Level 20.00 dl Att 35 SGL Count 100/100 91Pk Max	Bm <b>Offset</b> 2.38 dB ( dB <b>SWT</b> 227.5 µs (	<b>RBW</b> 100 kHz	Mode Auto FFT		1.5 2.4021500	54 dBn 00 GH: 17 <b>\tiB</b> n
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           Ith Max           10 dBm           0 dBm	Bm <b>Offset</b> 2.38 dB ( dB <b>SWT</b> 227.5 µs (	<b>RBW</b> 100 kHz	Mode Auto FFT		1.5 2.4021500 -55.1	54 dBn 00 GH L7∧ddBn
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           IN Max           10 dBm           0 dBm           -10 dBm	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	<b>RBW</b> 100 kHz	Mode Auto FFT		1.5 2.4021500 -55.1	54 dBn 00 GH L7∧ddBn
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           IN Max           10 dBm           -10 dBm	Bm <b>Offset</b> 2.38 dB ( dB <b>SWT</b> 227.5 µs (	<b>RBW</b> 100 kHz	Mode Auto FFT		1.5 2.4021500 -55.1	54 dBn 00 GH L7∧ddBn
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           IN Max           10 dBm           -10 dBm	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	<b>RBW</b> 100 kHz	Mode Auto FFT		1.5 2.4021500 -55.1	54 dBn 00 GH: 17 <b>\tiB</b> n
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           ID dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	<b>RBW</b> 100 kHz	Mode Auto FFT		1.5 2.4021500 -55.1	l7∧dBn
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           IN Max           10 dBm           -10 dBm           -20 dBm           D1 -17.	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	<b>RBW</b> 100 kHz	Mode Auto FFT		1.5 2.4021500 -55.1	54 dBn 00 GH: 17 <b>\tiB</b> n
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           I0 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 		1.5 2.402150 -55.1 2.400000	54 dBn 00 GH: 17xtBn 00 GH:
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           I0 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT		1.5 2.402150 -55.1 2.400000	54 dBn 00 GH: 17xtBn 00 GH:
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           ID dBm           0 dBm           -10 dBm           -20 dBm           -40 dBm           -50 dBm           -60 dBm	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 		1.5 2.402150 -55.1 2.400000	54 dBn 00 GH: 17xtBn 00 GH:
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           ●1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1] 		1.5 2.402150 -55.1 2.400000	54 dBn 00 GH: 17xtBn 00 GH:
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           ● 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW         100 kHz           VBW         300 kHz	Mode Auto FFT		1.5 2.4021500 -55.1 2.4000000 	
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           ID dBm           0 dBm           -10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.306 GHz	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW 100 kHz VBW 300 kHz	Mode Auto FFT		1.5 2.402150 -55.1 2.400000	
Spectrum           Ref Level 20.00 dl Att 35           SGL Count 100/100           ● 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.306 GHz           Marker           Type         Ref	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW 100 kHz           VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		1.5 2.4021500 -55.1 2.4000000 	
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           ID dBm           0 dBm           -10 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 2.306 GHz           Marker           Type         Ref           M1         1	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW         100 kHz           VBW         300 kHz	Mode Auto FFT M1[1]M2[1]		1.5 2.4021500 -55.1 2.4000000 	54 dBn 00 GH: 7 MdBn 00 SH:
Spectrum           Ref Level 20.00 dl Att 35           SGL Count 100/100           ● 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.306 GHz           Marker           Type         Ref	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( )	RBW 100 kHz           VBW 300 kHz	Mode Auto FFT M1[1]M2[1]		1.5 2.4021500 -55.1 2.4000000 	54 dBn 00 GH: 7 MdBn 00 SH:
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           ● 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.306 GHz           Marker           Type         Ref           M2         1	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( ) 786 dBm 786 dBm 786 dBm 786 dBm 786 dBm 786 dBm 786 dBm 786 dBm 786 dBm	RBW         100 kHz           VBW         300 kHz	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		1.5 2.4021500 -55.1 2.4000000 	54 dBn 00 GH: 7 MdBn 00 SH:
Spectrum           Ref Level 20.00 dl           Att 35           SGL Count 100/100           •1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           Start 2.306 GHz           Marker           Type         Ref           M1         1           M2         1           M3         1	Bm Offset 2.38 dB ( dB SWT 227.5 μs ( ) 786 dBm 786 d	RBW 100 kHz           VBW 300 kHz           UW 300 kHz           Image: State S	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		1.5 2.4021500 -55.1 2.4000000 	54 dBn 00 GH: 7 MdBn 00 GH: 7 MdBn 00 GH: 10 MdBn 10 M





Spectrum		DDW 100 br				
RefLevel 20.00 dBn Att 35 dB	n Offset 2.42 dB 👄 3 SWT 18.9 µs 👄		Mode Auto FFT			
SGL Count 100/100	. –					
●1Pk Max			M1[1]			0.91 dBm
					2.4799	91210 GHz
10 dBm						
0 dBm		M1	~			
-10 dBm						
-20 dBm		$\left  \right $				
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Ban Spectrum	d Edge NVNT 1-I	DH5 2480N	1Hz Ant1 No-Ho	pping Emiss		
Spectrum Ref Level 20.00 dBn	n Offset 2.42 dB 👄	<b>RBW</b> 100 kHz	2	pping Emis		
Spectrum Ref Level 20.00 dBn Att 35 dt		<b>RBW</b> 100 kHz	2	ndv <b>()</b>		
Spectrum Ref Level 20.00 dBn	n Offset 2.42 dB 👄	<b>RBW</b> 100 kHz	z 2 <b>Mode</b> Auto FFT	pping Emis		(The second seco
Spectrum Ref Level 20.00 dBn Att 35 df SGL Count 100/100 1Pk Max	n Offset 2.42 dB 👄	<b>RBW</b> 100 kHz	2	pping Emis	sion	
Spectrum           Ref Level 20.00 dBn           Att         35 dB           SGL Count 100/100	n Offset 2.42 dB 👄	<b>RBW</b> 100 kHz	z 2 <b>Mode</b> Auto FFT	ndv	2.4799 -5	1.03 dBm 95000 GH2 54.74 dBm
Spectrum Ref Level 20.00 dBn Att 35 df SGL Count 100/100 P1Pk Max 10 dBm	n Offset 2.42 dB 👄	<b>RBW</b> 100 kHz	2 Mode Auto FFT	pping Emiss	2.4799 -5	
Spectrum Ref Level 20.00 dBn Att 35 dd SGL Count 100/100 P1Pk Max 10 dBm M1	n Offset 2.42 dB 👄	<b>RBW</b> 100 kHz	2 Mode Auto FFT	pping Emiss	2.4799 -5	1.03 dBm 95000 GH2 54.74 dBm
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           IPk Max           10 dBm           -10 dBm	n Offset 2.42 dB ● 3 SWT 227.5 µs ●	<b>RBW</b> 100 kHz	2 Mode Auto FFT	pping Emis:	2.4799 -5	1.03 dBm 95000 GH2 54.74 dBm
Spectrum Ref Level 20.00 dBn Att 35 df SGL Count 100/100 PIPK Max 10 dBm -10 dBm -20 cBm D1 -19.09	n Offset 2.42 dB ● 3 SWT 227.5 µs ●	<b>RBW</b> 100 kHz	2 Mode Auto FFT	pping Emiss	2.4799 -5	1.03 dBm 95000 GH2 54.74 dBm
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           IPk Max           10 dBm           -10 dBm	n Offset 2.42 dB ● 3 SWT 227.5 µs ●	<b>RBW</b> 100 kHz	2 Mode Auto FFT	pping Emiss	2.4799 -5	1.03 dBm 95000 GH2 54.74 dBm
Spectrum           Ref Level 20.00 dBn           Att 35 dl           SGL Count 100/100           IVE Max           10 dBm           -10 dBm           -20 cBm           D1 -19.09	n Offset 2.42 dB ● 3 SWT 227.5 µs ●	<b>RBW</b> 100 kHz	2 Mode Auto FFT	pping Emiss	2.4799 -5	1.03 dBm 95000 GH2 54.74 dBm
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           ● 1Pk Max           10 dBm           -10 dBm           -20 cBm           -30 cBm           -40 dBm           -50 dBm	a Offset 2.42 dB a SWT 227.5 μs 3 dBm	RBW 100 kHz VBW 300 kHz	2 Mode Auto FFT M1[1] M2[1] 		2.4799 -5 2.4835	1.03 dBm 55000 GH3 564.74 dBm 56000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           ● 1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 cBm           -30 cBm           -40 dBm           -50 dBm	n Offset 2.42 dB ● 3 SWT 227.5 µs ●	<b>RBW</b> 100 kHz	2 Mode Auto FFT M1[1] M2[1] 		2.4799 -5	1.03 dBm 55000 GH3 564.74 dBm 56000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 dE           SGL Count 100/100           IPk Max           10 dBm           -10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm	a Offset 2.42 dB a SWT 227.5 μs 3 dBm	RBW 100 kHz VBW 300 kHz	2 Mode Auto FFT M1[1] M2[1] 		2.4799 -5 2.4835	1.03 dBm 55000 GH3 564.74 dBm 56000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           ● 1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	a Offset 2.42 dB a SWT 227.5 μs 3 dBm	RBW 100 kHz VBW 300 kHz	2 Mode Auto FFT M1[1] M2[1] 		2.4799 -5 2.4835	1.03 dBm 55000 GH3 564.74 dBm 56000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           ● 1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 cBm           -30 cBm           -40 dBm           -50 dBm           -40 dBm           -70 dBm	a Offset 2.42 dB a SWT 227.5 μs 3 dBm	RBW         100 kHz           VBW         300 kHz	2 2 Mode Auto FFT 		2.4799 -5 2.4835	1.03 dBn 95000 GH2 54.74 dBn 50000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           1Pk Max           10 dBm           -10 dBm           -20 cBm           -30 cBm           -4C dBm           -50 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm	a Offset 2.42 dB a SWT 227.5 μs 3 dBm	RBW 100 kHz VBW 300 kHz	2 2 Mode Auto FFT 		2.4799 -5 2.4835	1.03 dBm 55000 GH3 564.74 dBm 56000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           ● 1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 cBm           -10 dBm           -30 cBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           -70 dBm           Start 2.476 GHz           Marker           Type         Ref	h Offset 2.42 dB 3 SWT 227.5 μs 3 dBm 3 dBm 4 M3 1 Ma 1 M	RBW         100 kHz           yBW         300 kHz	2 Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2		2.4799 -5 2.4835	1.03 dBn 95000 GH2 54.74 dBn 50000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           ● 1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm	A Offset 2.42 dB 3 SWT 227.5 μs 3 dBm 3 dBm 4 M3 5 Mm M M M M M M M M M M M M M M M M M M	RBW         100 kHz           VBW         300 kHz           Image: State St	2 2 Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[] M2[] M2[] M2[] M2[] M2[] M2[] M2[		2.4799 -5 2.4835	1.03 dBn 95000 GH2 54.74 dBn 50000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           ● 1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 cBm           -10 dBm           -30 cBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.476 GHz           M1           M1           M1           1           M2           M3	a Offset 2.42 dB ■ 3 SWT 227.5 µs ■ 3 dBm 3 dBm 4 M3 4	RBW         100 kHz           VBW         300 kHz           Image: State St	2 2 Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2		2.4799 -5 2.4835	1.03 dBn 95000 GH2 54.74 dBn 50000 GH2
Spectrum           Ref Level 20.00 dBn           Att 35 df           SGL Count 100/100           ● 1Pk Max           10 dBm           -10 dBm           -10 dBm           -20 cBm           -10 dBm           -30 cBm           -40 dBm           -50 dBm           -50 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.476 GHz           Marker           Type         Ref           M1         1           M2         1	A Offset 2.42 dB 3 SWT 227.5 μs 3 dBm 3 dBm 4 M3 5 Mm M M M M M M M M M M M M M M M M M M	RBW         100 kHz           VBW         300 kHz           Image: State St	2 2 Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2		2.4799 -5 2.4835	1.03 dBn 95000 GH2 54.74 dBn 50000 GH2





Spectrum Ref Level 20.00 dBr						♥
	B SWT 18.9 µs 👄	VBW 300 kHz	Mode Auto FFT			
SGL Count 100/100 91Pk Max						
			M1[1]		0.38 d	
10 dBm			I	1 1	2.40204000	GHz
TO UBIII						
0 dBm						
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-10 dBm						
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-40 dBm	+		- mm	<b>√</b>		
				N I		
-50 dBm	$\uparrow \sim \sim \uparrow$			W.L		
-60 dBm				. mum	$\sim$	$\sim$
-00 UBIII						
-70 dBm						
			1			
CF 2.402 GHz		1001 p	ts		Span 8.0 M	Hz
Spectrum	nd Edge NVNT 2-	DH5 2402MF	Rea	pping Emissio	aya i	
Bar Spectrum Ref Level 20.00 dBr		DH5 2402MF	Hz Ant1 No-Hop	pping Emissio	aya i	
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100	m Offset 2.38 dB 🖷	DH5 2402MF	Hz Ant1 No-Hop	oping Emission	aya i	
Bar Spectrum Ref Level 20.00 dBr Att 35 d	m Offset 2.38 dB 🖷	DH5 2402MF	Hz Ant1 No-Hop Mode Auto FFT	dy Composition	n	
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100	m Offset 2.38 dB 🖷	DH5 2402MF	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 2.40205000	dBm GHz
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 9 1Pk Max 10 dBm	m Offset 2.38 dB 🖷	DH5 2402MF	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 2.40205000 -50.30 c	dBm GHz tBm
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100	m Offset 2.38 dB 🖷	DH5 2402MF	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 2.40205000	dBm GHz tBm
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 9 1Pk Max 10 dBm	m Offset 2.38 dB 🖷	DH5 2402MF	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 2.40205000 -50.30 c	dBm GHz
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 1Pk Max 10 dBm- 0 dBm-	m Offset 2.38 dB B SWT 227.5 μs	DH5 2402MF	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 2.40205000 -50.30 c	dBm GHz
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 PIPk Max 10 dBm -10 dBm -20 dBm D1 -19.62	m Offset 2.38 dB B SWT 227.5 μs	DH5 2402MF	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 2.40205000 -50.30 c	dBm GHz tBm
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 1Pk Max 10 dBm 0 dBm -10 dBm -10 dBm -30 dBm D1 -19.62	m Offset 2.38 dB B SWT 227.5 μs	DH5 2402MF	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 2.40205000 -50.30 c	dBm GHz tBm
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 PIPk Max 10 dBm -10 dBm -20 dBm D1 -19.62	m Offset 2.38 dB B SWT 227.5 μs	DH5 2402MH RBW 100 kHz VBW 300 kHz	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 0.15 c 2.40205000 -50.30,c 2.40000000	dBm GHz tBm
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 PIPk Max 10 dBm -10 dBm -10 dBm -20 dBm -40 dBm -50 dBm	m Offset 2.38 dB B SWT 227.5 μs 20 dBm	DH5 2402MH RBW 100 kHz VBW 300 kHz 	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1]		0.15 c 2.40205000 -50.300 2.400000000	dBm GHz tBm
Bar           Ref Level 20.00 dBr           Att 35 d           SGL Count 100/100           ID dBm           10 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm	m Offset 2.38 dB B SWT 227.5 μs 20 dBm	DH5 2402MH RBW 100 kHz VBW 300 kHz 	Hz Ant1 No-Hop Mode Auto FFT		0.15 c 0.15 c 2.40205000 -50.30,c 2.40000000	dBm GHz tBm
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -60 dBm	m Offset 2.38 dB B SWT 227.5 μs 20 dBm	DH5 2402MH RBW 100 kHz VBW 300 kHz 	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1]		0.15 c 2.40205000 -50.300 2.400000000	dBm GHz tBm
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm	m Offset 2.38 dB B SWT 227.5 μs 20 dBm	DH5 2402MH RBW 100 kHz VBW 300 kHz 	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1]		0.15 c 2.40205000 -50.300 2.400000000	dBm GHz tBm
Bar           Ref Level 20.00 dBr           Att 35 d           SGL Count 100/100           IN Max           10 dBm           -10 dBm           -10 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm	m Offset 2.38 dB B SWT 227.5 μs 20 dBm	DH5 2402MH RBW 100 kHz yBW 300 kHz M4 M4	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1]	Market and Andrews and Andre	0.15 d 0.15 d 2.40205000 -50.30,0 2.40000000 3.40000000 3.40000000	dBm GHz GHz
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 P1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -60 dBm	m Offset 2.38 dB B SWT 227.5 μs 20 dBm	DH5 2402MH RBW 100 kHz VBW 300 kHz 	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1]	Market and Andrews and Andre	0.15 c 2.40205000 -50.300 2.400000000	dBm GHz GHz
Bar Spectrum Ref Level 20.00 dBr Att 35 d SGL Count 100/100 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -10 dBm -30 dBm -50 dBm -70	m Offset 2.38 dB B SWT 227.5 μs 20 dBm	DH5 2402MH	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1] M2[1]	Market and Andrews and Andre	0.15 c 2.40205000 -50.30,0 2.40000000 3 M2 	dBm GHz GHz
Bar           Spectrum           Ref Level 20.00 dBr           Att 35 d           SGL Count 100/100           ID dBm           10 dBm           -10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           -70 dBm           Start 2.306 GHz           Marker           Type         Ref           M1         1	m Offset 2.38 dB B B SWT 227.5 μs C 20 dBm 20 dBm	DH5 2402MH  RBW 100 kHz VBW 300 kHz  M4  M4  M4  M4  M4  M4  M4  M4  M4  M	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1] M2[1]	Market Market Market Market Market Market Market	0.15 c 2.40205000 -50.30,0 2.40000000 3 M2 	dBm GHz GHz
Bar           Ref Level 20.00 dBr           Att 35 d           SGL Count 100/100           IN Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm      <	m Offset 2.38 dB B SWT 227.5 μs 20 dBm	DH5 2402MH	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1] M2[1]	Market Market Market Market Market Market Market	0.15 c 2.40205000 -50.30,0 2.40000000 3 M2 	dBm GHz GHz
Bar           Ref Level 20.00 dBr           Att         35 d           SGL Count 100/100           •1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -10 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           -70 dBm           Marker           Type           Marker           Type           M1           M2	m Offset 2.38 dB B SWT 227.5 μs 20 dBm- 20	DH5 2402MH RBW 100 kHz VBW 300 kHz	Hz Ant1 No-Hop Mode Auto FFT M1[1] M2[1] M2[1]	Market Market Market Market Market Market Market	0.15 c 2.40205000 -50.30,0 2.40000000 3 M2 	BBm GHz GHz