



RADIO TEST REPORT FCC ID: ZSW-30-137

Product:	Mobile Phone
Trade Mark:	Bmobile
Model No.:	BM65 PRO
Family Model:	N/A
Report No.:	S24071905902001
Issue Date:	Aug. 09, 2024

Prepared for

b mobile HK Limited

Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong, China

Prepared by

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Report No.: S24071905902001

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1 TEST RESULT CERTIFICATION

b mobile HK Limited
Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong, China
b mobile HK Limited
Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong, China
Mobile Phone
BM65 PRO
N/A
S240719059001
Jul. 22, 2024 ~ Aug. 09, 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 : Allen Liu Allen Liu By : Aaron Cheng Approved : Alex Li By : Alex Li (Project Engineer) (Supervisor) (Manager)



SUMMARY OF TEST RESULTS າ

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

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

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

3.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description	
CNAS-Lab.	: The Certificate Registration Number is L5516.
IC-Registration	The Certificate Registration Number is 9270A. CAB identifier:CN0074
FCC- Accredited	Test Firm Registration Number: 463705. Designation Number: CN1184
A2LA-Lab.	The Certificate Registration Number is 4298.01
Name of Firm	: Shenzhen NTEK Testing Technology Co., Ltd.
Site Location	: 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China.

3.3 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y\pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	±2.80dB
2	RF power, conducted	±0.16dB
3	Spurious emissions, conducted	±0.21dB
4	All emissions, radiated(30MHz~1GHz)	±2.64dB
5	All emissions, radiated(1GHz~6GHz)	±2.40dB
6	All emissions, radiated(>6GHz)	±2.52dB
7	Temperature	±0.5°C
8	Humidity	±2%



4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification		
Equipment Mobile Phone		
Trade Mark	Bmobile	
FCC ID	ZSW-30-137	
Model No.	BM65 PRO	
Family Model	N/A	
Model Difference	N/A	
Operating Frequency 2402MHz~2480MHz		
Modulation GFSK, π/4-DQPSK, 8-DPSK		
Number of Channels 79 Channels		
Antenna Type FPC Antenna		
Antenna Gain	0.9dBi	
Power supply	DC 3.85V from Battery or DC 5V from Adapter.	
Battery	Rated Capacity: DC 3.85V, 4900mAh, 18.86Wh Typical Capacity: DC 3.85V, 5000mAh, 19.25Wh	
Adapter	INPUT: AC 100-240V~50-60Hz 0.3A OUTPUT: DC 5.0V2A	
HW Version	Bmobile_BM65Pro_HW_V1.0	
SW Version	Bmobile_BM65Pro_TIGO_LATAM_V001	

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





Revision History

Revision history			
Report No.	Version	Description	Issued Date
S24071905902001	Rev.01	Initial issue of report	Aug. 09, 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 π /4-DQPSK modulation; 3Mbps for 8-DPSK modulation) were used for all test.

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

Carrier Frequency and Channel list:

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

Note: fc=2402MHz+k×1MHz k=0 to 78

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

For AC Conducted Emission		
Final Test Mode Description		
Mode 1 normal link mode		
Note AO as well a Oracle stad Esclaration and tested a day and far and to take an		

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

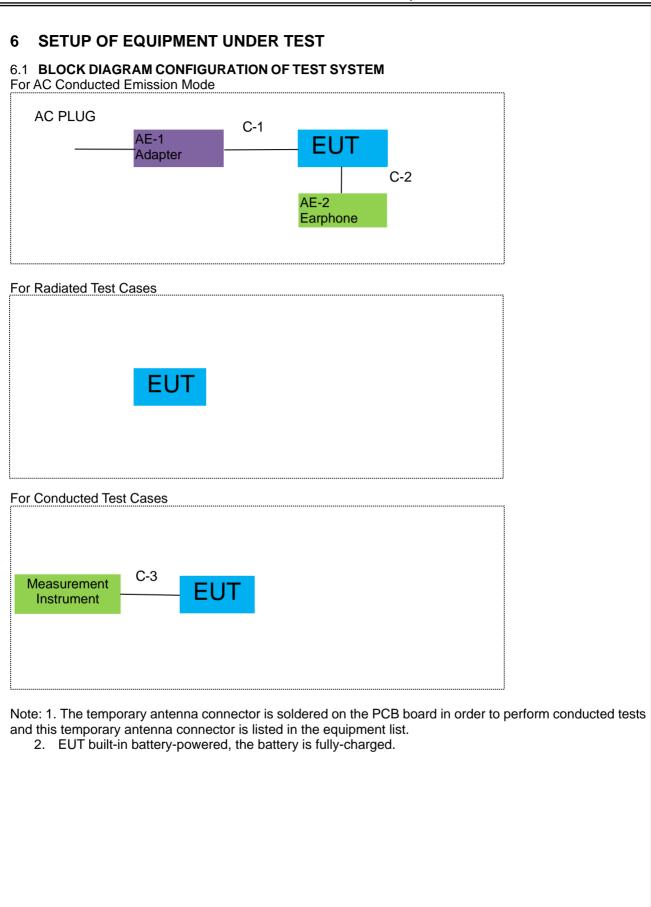
For Radiated Test Cases	
Final Test Mode	Description
Mode 1	normal link mode
Mode 2	CH00(2402MHz)
Mode 3	CH39(2441MHz)
Mode 4	CH78(2480MHz)

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						

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
	Mobile Phone	BM65 PRO	N/A	EUT
AE-1	Adapter	N/A	N/A	Peripherals
AE-2	Earphone	N/A	N/A	Peripherals

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

Notes:

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

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6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation& Conducted Test equipment

		oor oquipinon					
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	2025.03.11	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2023.05.06	2026.05.05	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	2023.05.06	2026.05.05	3 year
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2023.05.06	2026.05.05	3 year
6	Test 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.





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

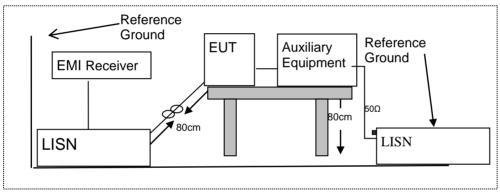
	Conducted	Emission Limit
Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56*	56-46*
0.5-5.0	56	46
5.0-30.0	60	50

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

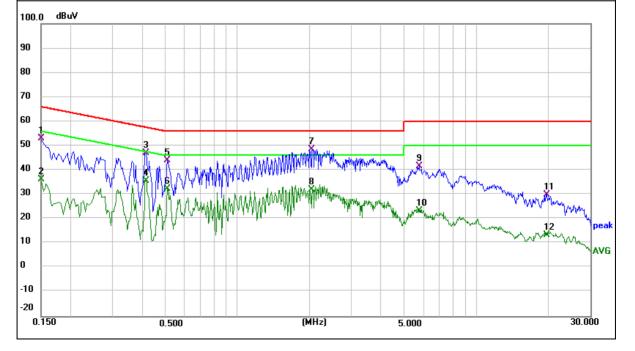
EUT:	Mobile Phone	Model Name :	BM65 PRO
Temperature:	24 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	- Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1500	43.03	9.93	52.96	66.00	-13.04	QP
0.1500	26.35	9.93	36.28	56.00	-19.72	AVG
0.4140	36.46	10.47	46.93	57.57	-10.64	QP
0.4140	25.09	10.47	35.56	47.57	-12.01	AVG
0.5100	33.42	10.67	44.09	56.00	-11.91	QP
0.5100	21.64	10.67	32.31	46.00	-13.69	AVG
2.0579	38.99	9.66	48.65	56.00	-7.35	QP
2.0579	22.31	9.66	31.97	46.00	-14.03	AVG
5.7460	31.84	9.68	41.52	60.00	-18.48	QP
5.7460	13.61	9.68	23.29	50.00	-26.71	AVG
19.7420	20.19	9.72	29.91	60.00	-30.09	QP
19.7420	3.74	9.72	13.46	50.00	-36.54	AVG

Remark:

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







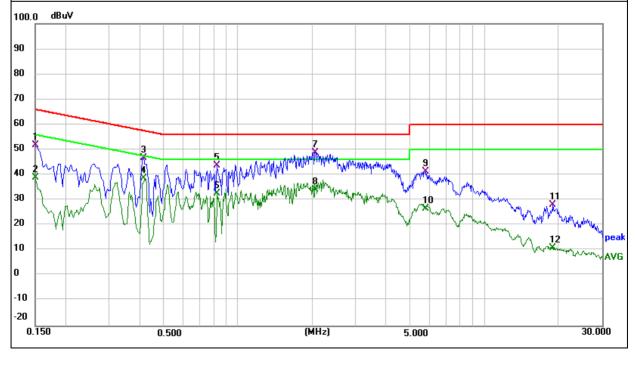


EUT:	Mobile Phone	Model Name :	BM65 PRO
Temperature:	24 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1500	41.83	9.93	51.76	66.00	-14.24	QP
0.1500	28.88	9.93	38.81	56.00	-17.19	AVG
0.4140	36.16	10.47	46.63	57.57	-10.94	QP
0.4140	28.31	10.47	38.78	47.57	-8.79	AVG
0.8220	32.49	11.30	43.79	56.00	-12.21	QP
0.8220	21.24	11.30	32.54	46.00	-13.46	AVG
2.0620	39.25	9.66	48.91	56.00	-7.09	QP
2.0620	24.44	9.66	34.10	46.00	-11.90	AVG
5.7660	31.59	9.68	41.27	60.00	-18.73	QP
5.7660	17.05	9.68	26.73	50.00	-23.27	AVG
18.9500	18.37	9.72	28.09	60.00	-31.91	QP
18.9500	1.23	9.72	10.95	50.00	-39.05	AVG

Remark:

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







7.2 RADIATED SPURIOUS EMISSION

7.2.1 Applicable Standard

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

7.2.2 Conformance Limit

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

According to FCC Fait 15.205, Restricted bands							
MHz	MHz	GHz					
16.42-16.423	399.9-410	4.5-5.15					
16.69475-16.69525	608-614	5.35-5.46					
16.80425-16.80475	960-1240	7.25-7.75					
25.5-25.67	1300-1427	8.025-8.5					
37.5-38.25	1435-1626.5	9.0-9.2					
73-74.6	1645.5-1646.5	9.3-9.5					
74.8-75.2	1660-1710	10.6-12.7					
123-138	2200-2300	14.47-14.5					
149.9-150.05	2310-2390	15.35-16.2					
156.52475-156.52525	2483.5-2500	17.7-21.4					
156.7-156.9	2690-2900	22.01-23.12					
162.0125-167.17	3260-3267	23.6-24.0					
167.72-173.2	3332-3339	31.2-31.8					
240-285	3345.8-3358	36.43-36.5					
322-335.4	3600-4400	(2)					
	MHz 16.42-16.423 16.69475-16.69525 16.80425-16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 123-138 149.9-150.05 156.52475-156.52525 156.7-156.9 162.0125-167.17 167.72-173.2 240-285	MHzMHz16.42-16.423399.9-41016.69475-16.69525608-61416.80425-16.80475960-124025.5-25.671300-142737.5-38.251435-1626.573-74.61645.5-1646.574.8-75.21660-1710123-1382200-2300149.9-150.052310-2390156.52475-156.525252483.5-2500156.7-156.92690-2900162.0125-167.173260-3267167.72-173.23332-3339240-2853345.8-3358					

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)
Γιεφαειτογ(ινιπιζ)	PEAK	AVERAGE
Above 1000	74	54

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

2. Measurement was performed at an antenna to the closed point of EUT distance of meters.

3. For Frequency 9kHz~30MHz:

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

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

For Frequency above 30MHz:

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

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



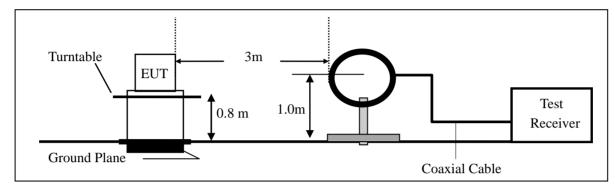


7.2.3 Measuring Instruments

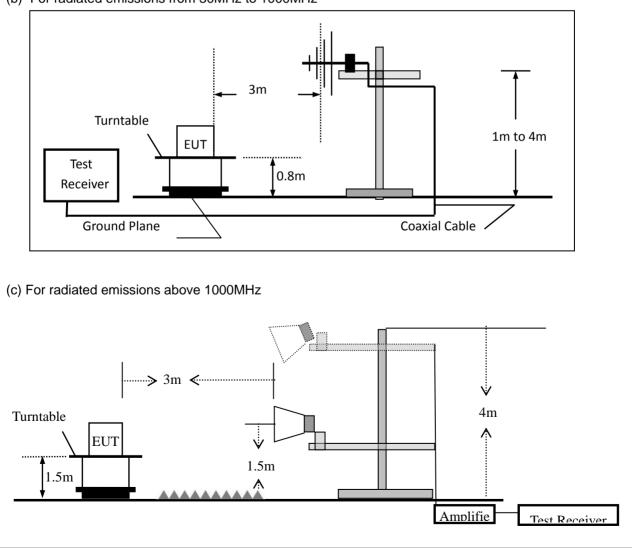
The Measuring equipment is listed in the section 6.3 of this test report.

7.2.4 Test Configuration

(a) For radiated emissions below 30MHz



(b) For radiated emissions from 30MHz to 1000MHz





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



Above 1000



Average

1 MHz

During the radiated emission t	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
	Peak	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.

1 MHz

7.2.6 Test Results

EUT:	Mobile Phone	Model No.:	BM65 PRO
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Allen Liu

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

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





■ Spurious Emission below 1GHz (30MHz to 1GHz)

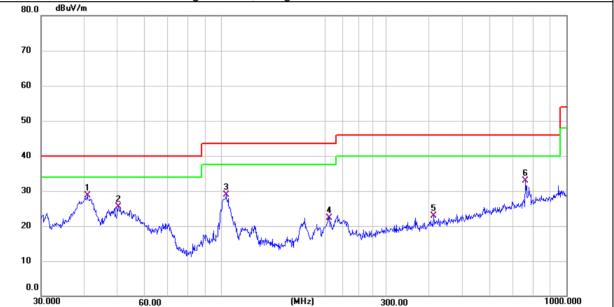
All the modulation modes have been tested, and the worst result was report as below:

EUT:	Mobile Phone	Model Name :	BM65 PRO
Temperature:	24 ℃	Relative Humidity:	53%
Pressure:	1010hPa	Test Mode:	Mode 1
Test Voltage :	DC 3.85V		

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	40.8446	14.89	13.86	28.75	40.00	-11.25	QP
V	50.2324	10.78	14.70	25.48	40.00	-14.52	QP
V	103.0800	15.57	13.25	28.82	43.50	-14.68	QP
V	205.6751	9.91	12.39	22.30	43.50	-21.20	QP
V	411.8240	6.30	16.57	22.87	46.00	-23.13	QP
V	760.7036	11.18	21.78	32.96	46.00	-13.04	QP

Remark:









Polar	Fre	quenc	ÿ		ete adir		Fa	ctor		nissi .eve			Lin	nits	N	larg	gin	R	emark
(H/V)	(MHz)		(d	BuV	/)	(dB)	(dE	3uV/	/m)		(dBu	V/m)		(dB	5)		, include
Н	55	5.2207	,	5	.05		14	1.11	1	9.1	6		40	.00	-	20.8	34		QP
Н	10	2.3596	6	7	.56		13	3.17	2	20.7	3		43	.50	-	22.	77		QP
Н	23	0.9067	7	g	.55		12	2.63	2	2.1	8		46	.00	-	23.8	32		QP
Н		0.722			3.42			6.05	29.47				.00		16.			QP	
Н		0.703			0.60		_	1.78		32.3				.00		13.6			QP
H Remark		8.761)	8	.32		23	3.93	3	32.2	5		46	.00	-	13.	75		QP
Emissio 80.0	dBuV/m							margi											1
70																			
60																			
50										_									
40					1					┛ ┛ [┿]									
30													>	Į			5 	6 Martan	
20	galifica for Nation	un Marinen	1 4	w		2	Willinger your	we have a real	Marth	MAR AN	mlynan	drub	anger anger	ann we have	Joy William	Harang			
10 -					lan-agenthics			Mar. Mr. Yr Vand	r										





UT:	Mobi	e Phone		Mod	el No.:		BN	/65 PRC)		
emperature:	20 ℃			Rela	Relative Humidity:			48%			
est Mode:	Mode	2/Mode3	3/Mode4	Test	By:		All	en Liu			
the modulat	on modes	have be	een testeo	d, and the	e worst res	sult was	s re	port as b	elow:		
Frequer	cy Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	Limits		Margin	Remark	Comment	
(MHz)	(dBµV	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/	′m)	(dB)			
			Low Char	nnel (2402	MHz)(8-DPS	K)Abov	/e 10	3			
4804.2	64.09	5.21	35.59	44.30	60.59	74.0	0	-13.41	Pk	Vertical	
4804.2	41.00	5.21	35.59	44.30	37.50	54.0	0	-16.50	AV	Vertical	
7206.2	60.50	6.48	36.27	44.60	58.65	74.0	0	-15.35	Pk	Vertical	
7206.2	65 45.19	6.48	36.27	44.60	43.34	54.0	0	-10.66	AV	Vertical	
4804.1	09 61.23	5.21	35.55	44.30	57.69	74.0	0	-16.31	Pk	Horizontal	
4804.1	9 42.76	5.21	35.55	44.30	.30 39.22 54		0	-14.78	AV	Horizontal	
7206.2	24 63.90	6.48	36.27	44.52	62.13	74.0	0	-11.87	Pk	Horizontal	
7206.2	24 47.70	6.48	36.27	44.52	45.93	54.0	0	-8.07	AV	Horizontal	
			Mid Char	nel (2441 l	MHz)(8-DPS	K)Abov	e 10	3			
4882.3	96 63.78	5.21	35.66	44.20	60.45	74.0	0	-13.55	Pk	Vertical	
4882.3	96 43.17	5.21	35.66	44.20	39.84	54.0	0	-14.16	AV	Vertical	
7323.2	41 60.22	7.10	36.50	44.43	59.39	74.0	0	-14.61	Pk	Vertical	
7323.2	46.96	7.10	36.50	44.43	46.13	54.0	0	-7.87	AV	Vertical	
4882.1	08 61.15	5.21	35.66	44.20	57.82	74.0	0	-16.18	Pk	Horizontal	
4882.1	08 48.53	5.21	35.66	44.20	45.20	54.0	0	-8.80	AV	Horizontal	
7323.1	60.50	7.10	36.50	44.43	59.67	74.0	0	-14.33	Pk	Horizontal	
7323.1	32 41.92	7.10	36.50	44.43	41.09	54.0	0	-12.91	AV	Horizontal	
			High Char	nnel (2480	MHz)(8-DPS	K) Abo	ve 1	G			
4960.3	97 66.17	5.21	35.52	44.21	62.69	74.0	0	-11.31	Pk	Vertical	
4960.3	97 42.41	5.21	35.52	44.21	38.93	54.0	0	-15.07	AV	Vertical	
7440.2	01 60.88	7.10	36.53	44.60	59.91	74.0	0	-14.09	Pk	Vertical	
7440.2	01 46.39	7.10	36.53	44.60	45.42	54.0	0	-8.58	AV	Vertical	
4960.2	25 67.24	5.21	35.52	44.21	63.76	74.0	0	-10.24	Pk	Horizontal	
4960.2	25 48.54	5.21	35.52	44.21	45.06	54.0	0	-8.94	AV	Horizontal	
7440.2	98 61.42	7.10	36.53	44.60	60.45	74.0	0	-13.55	Pk	Horizontal	
7440.2	98 46.14	7.10	36.53	44.60	45.17	54.0	0	-8.83	AV	Horizontal	

Note:

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





<u>S</u> UT:			bile Phor		eu Danu i		90MHz and el No.:	1 2403.		65 PRC			
	erature:									48%			
				1.4				ity.					
	Mode:		ode2/ Mod		tt-	By:			en Liu	halaur			
All th	ne modul	atic					ne worst re	suit wa	is re	port as	Delow:		
	Frequer	псу	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limit	s	Margin	Detector	Comment	
	(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/	'm)	(dB)	Туре		
	3Mbps(8-DPSK)-Non-hopping												
	2310.0	00	58.28	2.97	27.80	43.80	45.25	74		-28.75	Pk	Horizontal	
	2310.0	00	44.94	2.97	27.80	43.80	31.91	54		-22.09	AV	Horizontal	
	2310.0	00	58.45	2.97	27.80	43.80	45.42	74		-28.58	Pk	Vertical	
	2310.0	00	42.96	2.97	27.80	43.80	29.93	54		-24.07	AV	Vertical	
	2390.0	00	58.71	3.14	27.21	43.80	45.26	74		-28.74	Pk	Vertical	
	2390.0	2390.00 43.65		3.14	27.21	43.80	30.20	54		-23.80	AV	Vertical	
	2390.0	2390.00 56.65		3.14	27.21	43.80	43.20	74		-30.80	Pk	Horizontal	
	2390.0	2390.00 43.1		3.14	27.21	43.80	29.65	54		-24.35	AV	Horizontal	
	2483.5	50	57.66	3.58	27.70	44.00	44.94	74		-29.06	Pk	Vertical	
	2483.5	50	43.82	3.58	27.70	44.00	31.10	54		-22.90	AV	Vertical	
	2483.5	50	58.88	3.58	27.70	44.00	46.16	74		-27.84	Pk	Horizontal	
	2483.5	50	43.21	3.58	27.70	44.00	30.49	54		-23.51	AV	Horizontal	
					3	3Mbps(8-I	DPSK)-hopp	bing					
	2310.0	00	54.20	2.97	27.80	43.80	41.17	74.0	0	-32.83	Pk	Vertical	
	2310.0	00	40.64	2.97	27.80	43.80	27.61	54.0	0	-26.39	AV	Vertical	
	2310.0	00	52.75	2.97	27.80	43.80	39.72	74.0	0	-34.28	Pk	Horizontal	
	2310.0	00	40.21	2.97	27.80	43.80	27.18	54.0	0	-26.82	AV	Horizontal	
	2390.0	00	53.70	3.14	27.21	43.80	40.25	74.0	0	-33.75	Pk	Vertical	
	2390.0	00	40.66	3.14	27.21	43.80	27.21	54.0	0	-26.79	AV	Vertical	
	2390.0	00	54.44	3.14	27.21	43.80	40.99	74.0	0	-33.01	Pk	Horizontal	
	2390.0	00	41.98	3.14	27.21	43.80	28.53	54.0	0	-25.47	AV	Horizontal	
	2483.5	50	51.42	3.58	27.70	44.00	38.70	74.0	0	-35.30	Pk	Vertical	
	2483.5	50	42.69	3.58	27.70	44.00	29.97	54.0	0	-24.03	AV	Vertical	
	2483.5	50	51.56	3.58	27.70	44.00	38.84	74.0	0	-35.16	Pk	Horizontal	
	2483.5	50	41.00	3.58	27.70	44.00	28.28	54.0	0	-25.72	AV	Horizontal	

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





EUT: Mobile			Phone		Μ	Model No.:		BM65 PRO				
Temperature: 20					R	Relative Humidity:		48%				
Test Mode:		Mode2	ode2/ Mode4		Те	Test By:		Allen Liu				
All t	ne modulati	on modes	have b	een teste	d, and	d the	e worst res	ult wa	is re	port as b	elow:	
	Frequency	Reading Level	Cable Loss	Antenna Factor	Prea Fac		Emission Level	Limi	ts	Margin	Detector	Comment
	(MHz)	(dBµV)	(dB)	dB/m	(dE	B)	(dBµV/m)	(dBµV	′/m)	(dB)	Туре	
	3260	3260 61.96 4.04 29.57 44.70		70	50.87	74		-23.13	Pk	Vertical		
	3260	57.03	4.04	29.57	44.7	70	45.94	54		-8.06	AV	Vertical
	3260	62.56	4.04	29.57	44.7	70	51.47	74		-22.53	Pk	Horizontal
	3260	58.16	4.04	29.57	44.7	70	47.07	54	54	-6.93	AV	Horizontal
	3332	65.85	4.26	29.87	44.4	40	55.58	74	-18.42	Pk	Vertical	
	3332	54.40	4.26	29.87	44.4	40	44.13	54		-9.87	AV	Vertical
	3332	64.05	4.26	29.87	44.4	40	53.78	74		-20.22	Pk	Horizontal
	3332	52.26	4.26	29.87	44.4	40	41.99	54		-12.01	AV	Horizontal
	17797	43.02	10.99	43.95	43.5	50	54.46	74		-19.54	Pk	Vertical
	17797	32.57	10.99	43.95	43.	50	44.01	54		-9.99	AV	Vertical
	17788	44.65	11.81	43.69	44.6	60	55.55	74		-18.45	Pk	Horizontal
	17788	32.74	11.81	43.69	44.6	60	43.64	54		-10.36	AV	Horizontal

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





7.3 NUMBER OF HOPPING CHANNEL

7.3.1 Applicable Standard

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

7.3.2 Conformance Limit

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

7.3.3 Measuring Instruments

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

7.3.4 Test Setup

Please refer to Section 6.1 of this test report.

7.3.5 Test Procedure

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

7.3.6 Test Results

EUT:	Mobile Phone	Model No.:	BM65 PRO
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode 5(1Mbps)	Test By:	Allen Liu



7.4 HOPPING CHANNEL SEPARATION MEASUREMENT

7.4.1 Applicable Standard

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

7.4.2 Conformance Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5MHz band shall have hopping channel carrier frequencies that are separated by 25kHz or two-thirds of the 20dB bandwidth of the hopping channel, whichever is greater.

7.4.3 Measuring Instruments

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

7.4.4 Test Setup

Please refer to Section 6.1 of this test report.

7.4.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.2 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT was operating in controlled its channel. Use the following spectrum analyzer settings: Span = Measurement Bandwidth or Channel Separation RBW: Start with the RBW set to approximately 3% of the channel spacing; adjust as necessary to best identify the center of each individual channel. VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.4.6 Test Results

EUT:	Mobile Phone	Model No.:	BM65 PRO
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Allen Liu





7.5 AVERAGE TIME OF OCCUPANCY (DWELL TIME)

7.5.1 Applicable Standard

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

7.5.2 Conformance Limit

The average time of occupancy on any channel shall not be greater than 0.4s within a period of 0.4s multiplied by the number of hopping channels employed.

7.5.3 Measuring Instruments

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

7.5.4 Test Setup

Please refer to Section 6.1 of this test report.

7.5.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.4 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT must have its hopping function enabled. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel RBW \geq 1MHz VBW \geq RBW Sweep = as necessary to capture the entire dwell time per hopping channel Detector function = peak Trace = max hold Measure the maximum time duration of one single pulse. Set the EUT for DH5, DH3 and DH1 packet transmitting. Measure the maximum time duration of one single pulse.





7.5.6 Test Results

EUT:	Mobile Phone	Model No.:	BM65 PRO
Temperature:	20 ℃	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 (0.4×79) (s), Hops Over Occupancy Time comes to $(1600 / 6 / 79) \times (0.4 \times 79) = 106.67$ hops.
- In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
- 3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time





7.6 20DB BANDWIDTH TEST

7.6.1 Applicable Standard

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

7.6.2 Conformance Limit

No limit requirement.

7.6.3 Measuring Instruments

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

7.6.4 Test Setup

Please refer to Section 6.1 of this test report.

7.6.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 6.9.2 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT was operating in controlled its channel. Use the following spectrum analyzer settings: Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel RBW \geq 1% of the 20 dB bandwidth VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.6.6 Test Results

EUT:	Mobile Phone	Model No.:	BM65 PRO
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Allen Liu





7.7 PEAK OUTPUT POWER

7.7.1 Applicable Standard

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

7.7.2 Conformance Limit

The maximum peak conducted output power of the intentional radiator shall not exceed the following: (1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts.

7.7.3 Measuring Instruments

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

7.7.4 Test Setup

Please refer to Section 6.1 of this test report.

7.7.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.5. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. The EUT was operating in controlled its channel. Use the following spectrum analyzer settings: Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel RBW \geq the 20 dB bandwidth of the emission being measured VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold

7.7.6 Test Results

EUT: Mobile Phone		Model No.:	BM65 PRO		
Temperature:	20 ℃	Relative Humidity:	48%		
Test Mode:	Mode2/Mode3/Mode4	Test By:	Allen Liu		



7.8 CONDUCTED BAND EDGE MEASUREMENT

7.8.1 Applicable Standard

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

7.8.2 Conformance Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(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:	Mobile Phone	Model No.:	BM65 PRO
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 FPC antenna (Gain: 0.9dBi). It comply with the standard requirement.



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

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

7.11.2 Frequency Hopping System

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

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

7.11.3 EUT Pseudorandom Frequency Hopping Sequence

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

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





8 TEST RESULTS

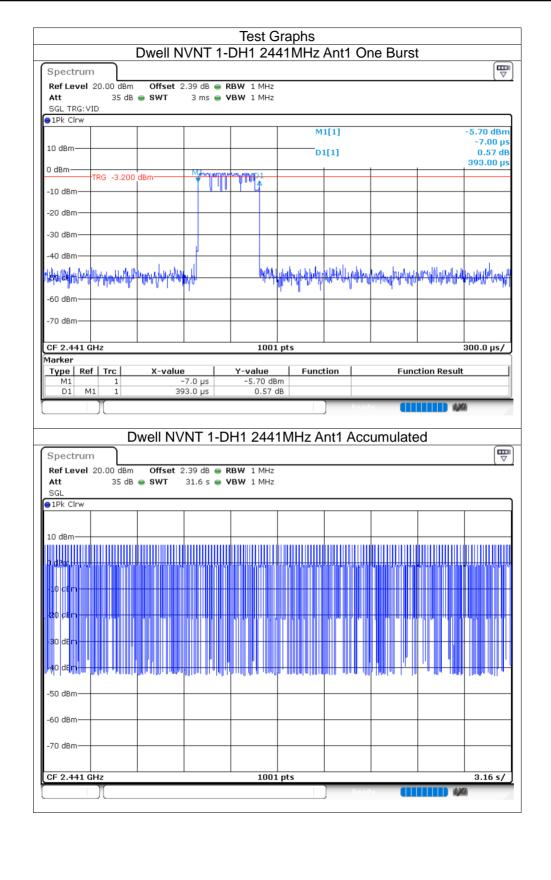
8.1 Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.393	79.779	203	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.645	213.85	130	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.896	222.992	77	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.384	75.264	196	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.64	205	125	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.88	221.76	77	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.381	77.724	204	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.63	208.64	128	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.888	254.144	88	31600	400	Pass



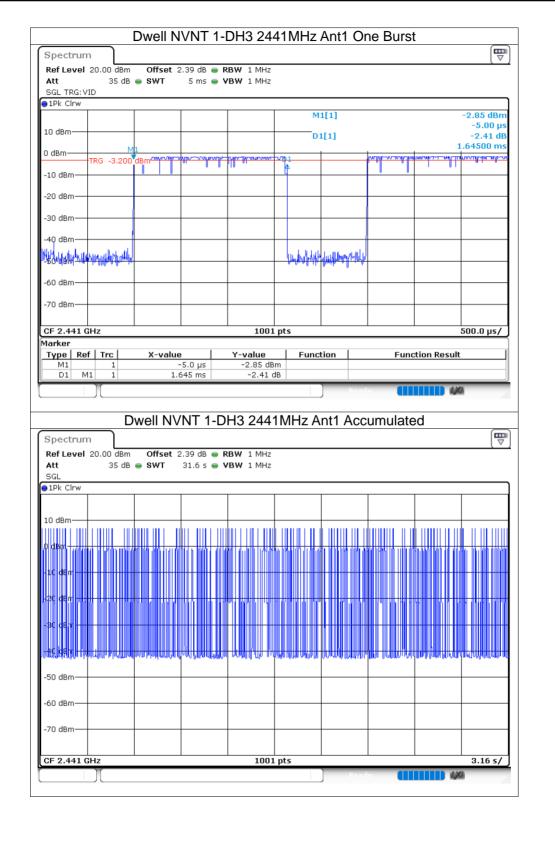


Report No.: S24071905902001



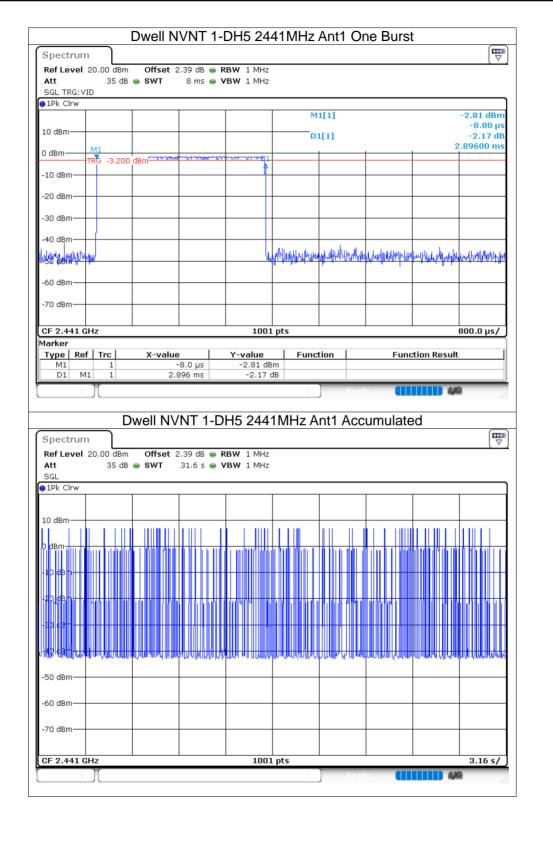






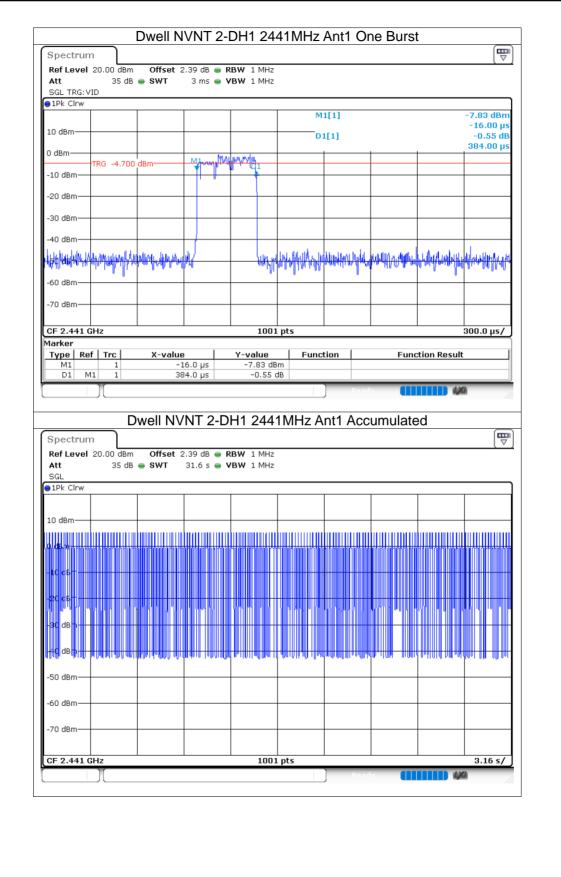






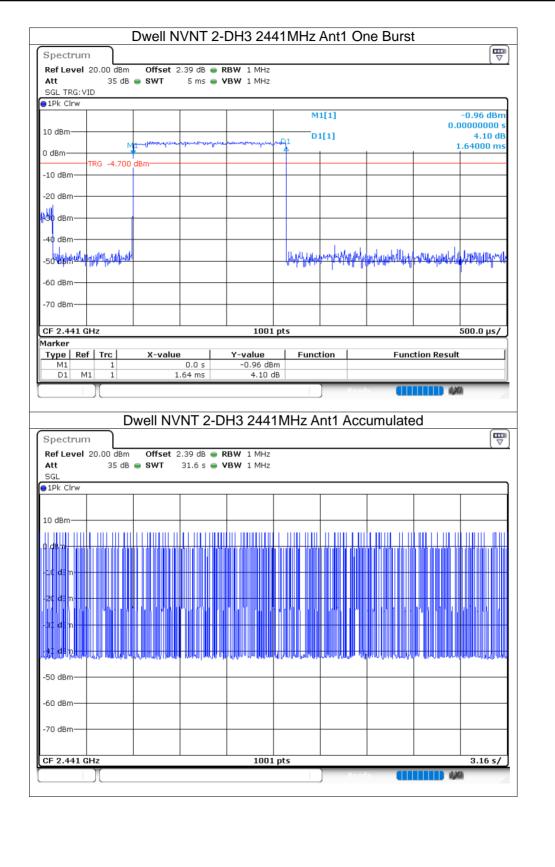






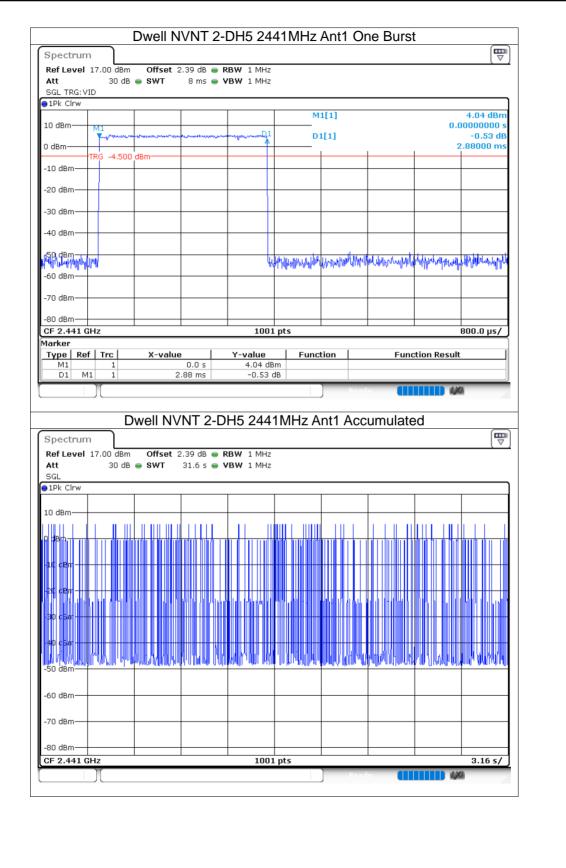






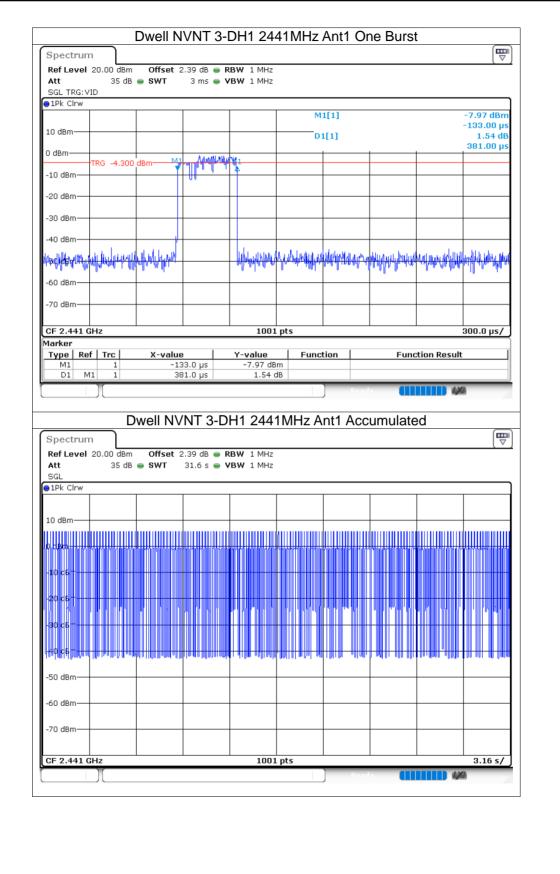






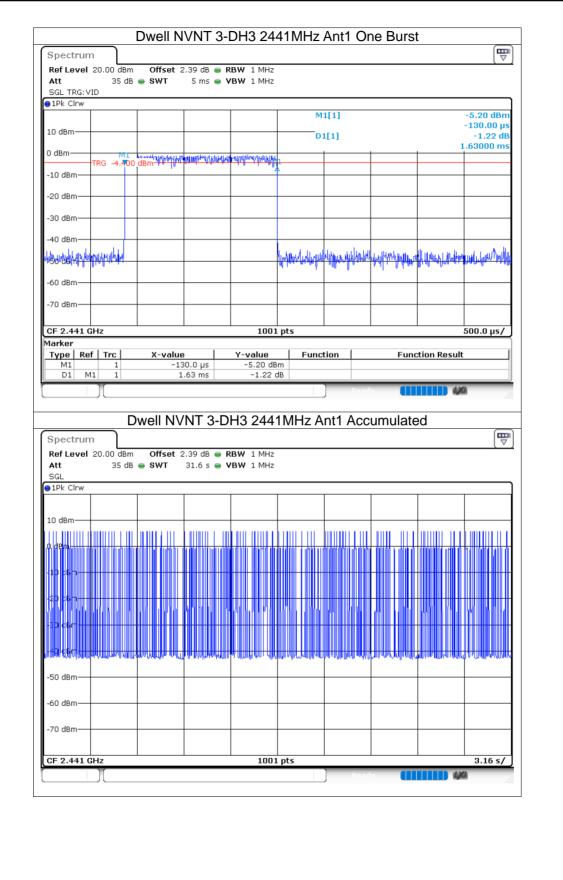






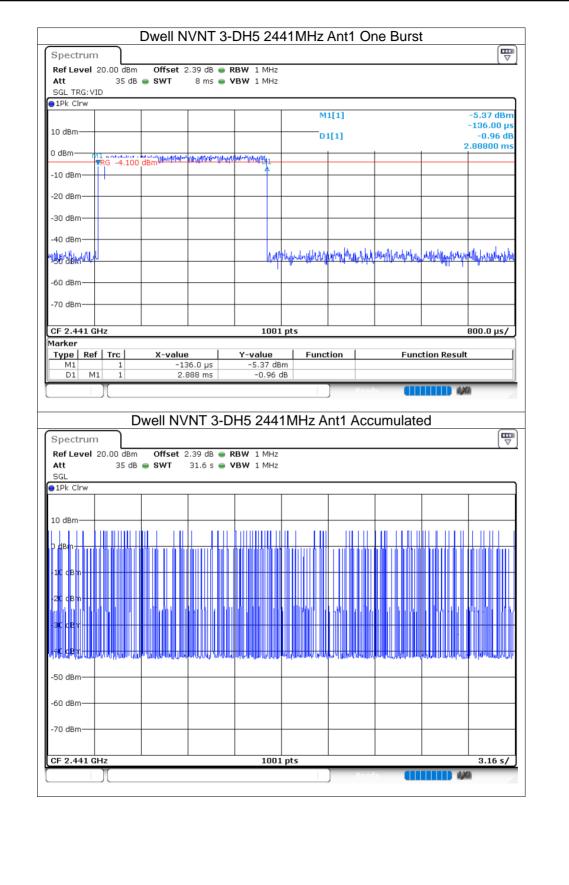
















8.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	6.75	21	Pass
NVNT	1-DH5	2441	Ant1	7.05	21	Pass
NVNT	1-DH5	2480	Ant1	6.74	21	Pass
NVNT	2-DH5	2402	Ant1	6.66	21	Pass
NVNT	2-DH5	2441	Ant1	6.23	21	Pass
NVNT	2-DH5	2480	Ant1	6.09	21	Pass
NVNT	3-DH5	2402	Ant1	7.04	21	Pass
NVNT	3-DH5	2441	Ant1	6.61	21	Pass
NVNT	3-DH5	2480	Ant1	6.44	21	Pass





		Pc	wer NV	/NT 1-D	Braphs H5 2402	2MHz A	nt1		
Spectrur	n								
Ref Level	20.00 dBm			BW 2 MHz					
Att SGL Count	35 dB	SWT	1 ms 😑 V	BW 2 MHz	Mode Aut	o Sweep			
1Pk Max	,								
					M	1[1]		9 401	6.75 dBm 86010 GHz
0 dBm—				M1				2.401	00010 012
dBm									
10 dBm-									
20 dBm—									
30 dBm									
SO UBIII-									
40 dBm									
50 dBm—									
50 dBm									
70 dBm—									
F 2.402 (GHz			1001	l pts	<u> </u>		Spa	n 5.0 MHz
		Pc	ower N∖	/NT 1-D	H5 2441	J Read	nt1		
Spectrur					H5 2441] Rear	nt1		
Ref Level	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	BW 2 MHz			nt1		
Ref Level Att GGL Count	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R				nt1		
Ref Level Att GGL Count	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	BW 2 MHz	Mode Aut	o Sweep	nt1		
Ref Level Att GGL Count 1Pk Max	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz	Mode Aut		nt1	2.440	
Ref Level Att GGL Count 1Pk Max	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	BW 2 MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att GGL Count 1Pk Max 0 dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm dBm dBm 10 dBm 20 dBm 20 dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm dBm 10 dBm 20 dBm 30 dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm dBm 10 dBm 20 dBm 30 dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count IPK Max 0 dBm dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count IPK Max 0 dBm dBm dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count IPK Max 0 dBm dBm dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level Att GGL Count IPk Max 0 dBm dBm	20.00 dBm 35 dB	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1	2.440	7.05 dBm
Ref Level SGL Count SGL Count 1Pk Max 0 dBm dBm dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm	20.00 dBm 35 dB 100/100	Offset 2	.39 dB 👄 R	RBW 2 MHz YBW 2 MHz MHz	Mode Aut	o Sweep	nt1		7.05 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm dBm 10 dBm	20.00 dBm 35 dB 100/100	Offset 2	.39 dB 👄 R	BW 2 MHz BW 2 MHz	Mode Aut	o Sweep	nt1		7.05 dBm 89010 GHz





Spectrum Ref Level 20	.00 dBm (Offset 24	42 dB 🔵 RE	BW 2 MHz					
Att SGL Count 10	35 dB 🛚 🖇	SWT	1 ms 🖷 🗸		Mode Auto	o Sweep			
1Pk Max						[1]			6.74 dBm
				641		.(1)		2.479	83020 GHz
10 dBm				V			_		
0 dBm									
-10 dBm									
-10 0800									
-20 dBm									
-30 dBm									
-40 dBm									
-50 dBm									├────│ │
-60 dBm									
-70 dBm									
								Spa	n 5.0 MHz
CF 2.48 GHz Spectrum Ref Level 20		Offset 2.3	38 dB 🖷 RE	BW 2 MHz	H5 2402		et1		
Spectrum Ref Level 20 Att SGL Count 10	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz			ut1		
Spectrum Ref Level 20 Att	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto		ut1		6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep	ut1		
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep	t1		6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep	t1		6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep	ut1		6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10) IPk Max 10 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep	.t1		6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10) IPk Max 10 dBm 	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep	.t1		6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10) IPk Max 10 dBm -10 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep			6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10) IPk Max 10 dBm 	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep	t1		6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep			6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep			6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep	.t1		6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep			6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	35 dB 🖇	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402 Mode Auto	o Sweep			6.66 dBm
Spectrum Ref Level 20 Att SGL Count 10 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	35 dB S	Offset 2.3	38 dB 🖷 RE	NT 2-DI BW 2 MHz	H5 2402	o Sweep	tt1	2.402	6.66 dBm 18830 GHz





Att	20.00 dBm 35 dB	Offset 2 SWT	2.39 dB 👄 RBW 1 ms 👄 VBW	2 MHz 2 MHz	Mode Auto Sweep			
SGL Count 1Pk Max	100/100							
					M1[1]			6.23 dBm
10 dBm				M	±		2.440	98700 GHz
						~~~~		
) dBm——							<u> </u>	
-10 dBm	and the second						- marine	
1000 Marked Lancian								and a star and a star
20 dBm								and the second se
-30 dBm								
-40 dBm								
-50 dBm								
-60 dBm								
-70 dBm								
	GHz			1001	pts		Spa	n 6.5 MHz
	20.00 dBm	Offset 2	2.42 dB 😑 RBW	2 MHz	H5 2480MHz	Ant1		
Spectrun	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep	Ant1		
Spectrun Ref Level Att SGL Count	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz		Ant1	2,480	6.09 dBm
Spectrun Ref Level Att SGL Count	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	
Spectrum Ref Level Att SGL Count SGL Count 10 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep	Ant1	2.480	6.09 dBm
Spectrun Ref Level Att SGL Count JPk Max	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2,480	6.09 dBm
Spectrum Ref Level Att SGL Count SGL Count 10 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	6.09 dBm
Spectrum Ref Level Att SGL Count 91Pk Max 10 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	6.09 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2,480	6.09 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	6.09 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm 	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	6.09 dBm
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	6.09 dBm
Spectrum Ref Level Att SGL Count 10 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	6.09 dBm
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	6.09 dBm
Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 40 dBm 50 dBm 60 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]	Ant1	2.480	6.09 dBm
Spectrum Ref Level Att SGL Count 10 dBm	20.00 dBm 35 dB	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep M1[1]		2,480	6.09 dBm
Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 1	20.00 dBm 35 dB 100/100	Offset 2	2.42 dB 😑 RBW	/ 2 MHz / 2 MHz	Mode Auto Sweep			6.09 dBm 11690 GHz
Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 40 dBm 50 dBm 60 dBm	20.00 dBm 35 dB 100/100	Offset 2	2.42 dB 😑 RBW	2 MHz	Mode Auto Sweep			6.09 dBm 11690 GHz





Spectrur Ref Level Att	20.00 dBm 35 dB		.38 dB 👄 RE 1 ms 👄 VE		Mode Auto	Sweep			
SGL Count 1Pk Max	: 100/100								
IPK Max					M1[	1]			7.04 dBm
10 d0m				M1	1	-		2.401	192860 GHz
10 dBm					tor all a margine and an				
0 dBm						and the second s	and a second		
								and the second	
-10 dBm									Marken .
مسرس 20 dBm—									and all
-30 dBm									
-40 dBm									
-50 dBm—	+								
-60 dBm									
-00 ubili									
-70 dBm									
				1001	pts			Spa	in 6.5 MHz
	n 20.00 dBm	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411		<b>t1</b>		
Spectrur Ref Level Att SGL Count	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz			t1		
Spectrur Ref Level Att	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	t1		6.61 dBm
Spectrur Ref Level Att SGL Count JPk Max	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411	Sweep	t1	2.441	
Spectrur Ref Level Att SGL Count	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	t1	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count JPk Max	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	<b>1</b>	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 91Pk Max 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	t1	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count JPk Max 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	<u>t1</u>	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 91Pk Max 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	t1	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	<b>1</b>	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	<b>1</b>	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 1Pk Max 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	<u>t1</u>	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	t1	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count SGL Count ID dBm 0 dBm 	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	t1	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	<u>t1</u>	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep	<u>t1</u>	2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 10 dBm	n 20.00 dBm 35 dB	Offset 2	.39 dB 👄 RE	3W 2 MHz	H5 24411 Mode Auto	Sweep		2.441	6.61 dBm
Spectrur Ref Level Att SGL Count 10 dBm 	n 20.00 dBm 35 dB 100/100	Offset 2	.39 dB 👄 RE	3W 2 MHz BW 2 MHz	Mode Auto	Sweep	t1		6.61 dBm 01950 GHz
Spectrur Ref Level Att SGL Count 10 dBm	n 20.00 dBm 35 dB 100/100	Offset 2	.39 dB 👄 RE	3W 2 MHz	Mode Auto	Sweep			6.61 dBm 101950 GHz





Spectrum			
Ref Level 20.00 dBm Att 35 dB SGL Count 100/100	Offset 2.42 dB ● RBW SWT 1 ms ● VBW		
1Pk Max		M1[1]	6.44 dBm 2.47999350 GHz
LO dBm		m1	
D dBm			
-10 dBm			
20 dBm			
-30 dBm			
40 dBm			
50 dBm			
60 dBm			
70 dBm			
CF 2.48 GHz		1001 pts	Span 6.5 MHz





### 8.3 -20dB Bandwidth

Condition	Mode	Frequency	Antenna	-20 dB Bandwidth	Verdict
		(MHz)		(MHz)	
NVNT	1-DH5	2402	Ant1	0.942	Pass
NVNT	1-DH5	2441	Ant1	0.952	Pass
NVNT	1-DH5	2480	Ant1	0.942	Pass
NVNT	2-DH5	2402	Ant1	1.332	Pass
NVNT	2-DH5	2441	Ant1	1.294	Pass
NVNT	2-DH5	2480	Ant1	1.332	Pass
NVNT	3-DH5	2402	Ant1	1.29	Pass
NVNT	3-DH5	2441	Ant1	1.294	Pass
NVNT	3-DH5	2480	Ant1	1.294	Pass







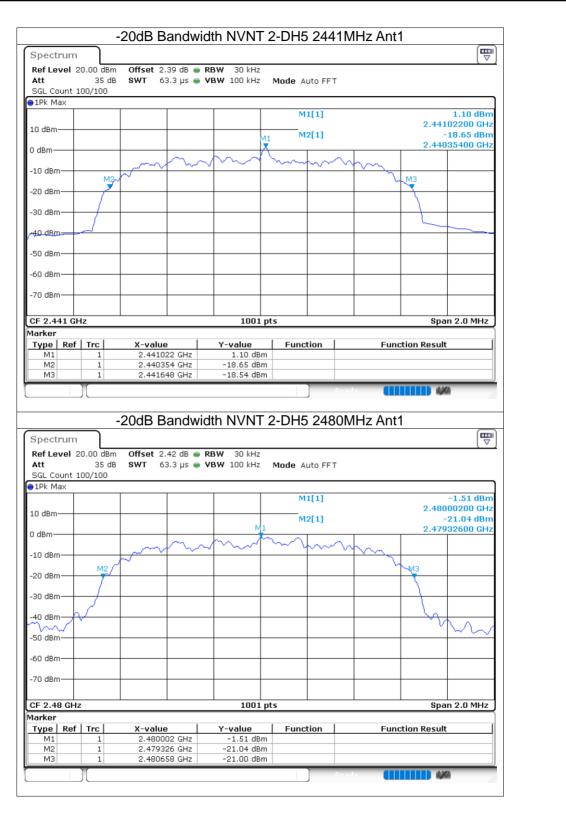






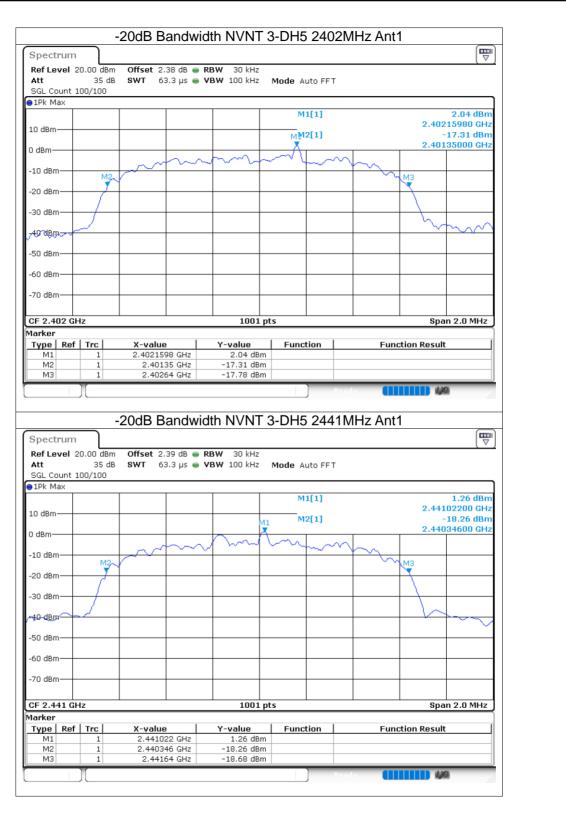
















		-20dB Bandw		5-DH2 24801		_
Spectrur	n					
Ref Level	20.00 dBr	-	RBW 30 kHz			
Att	35 d	В <b>SWT</b> 63.3 µs 🧉	<b>VBW</b> 100 kHz	Mode Auto FFT		
SGL Count	t 100/100					
1Pk Max	1					1.05.45
				M1[1]	2 4	1.35 dBm 8001800 GHz
10 dBm				M2[1]	2.7	-18.24 dBm
			11		2.4	7934600 GHz
) dBm——				$\sim$		
-10 dBm		$\square$			Ym,	
10 0011	M2,				МЗ МЗ	
-20 dBm—	<b>7</b>				<b>`_</b>	
-30 dBm—						
40 dBm —						{
-50 dBm						
oo abiii						
-60 dBm—						
-70 dBm—						
CF 2.48 G	Hz	· · · ·	1001 pt	s	S	pan 2.0 MHz
1arker						
	ef   Trc	X-value	Y-value	Function	Function Res	ult
M1	1	2.480018 GHz	1.35 dBm			
M2	1	2.479346 GHz	-18.24 dBm			
MЗ	1	2.48064 GHz	-18.52 dBm			





#### 8.4 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.831
NVNT	1-DH5	2441	Ant1	0.859
NVNT	1-DH5	2480	Ant1	0.855
NVNT	2-DH5	2402	Ant1	1.191
NVNT	2-DH5	2441	Ant1	1.183
NVNT	2-DH5	2480	Ant1	1.201
NVNT	3-DH5	2402	Ant1	1.205
NVNT	3-DH5	2441	Ant1	1.211
NVNT	3-DH5	2480	Ant1	1.183

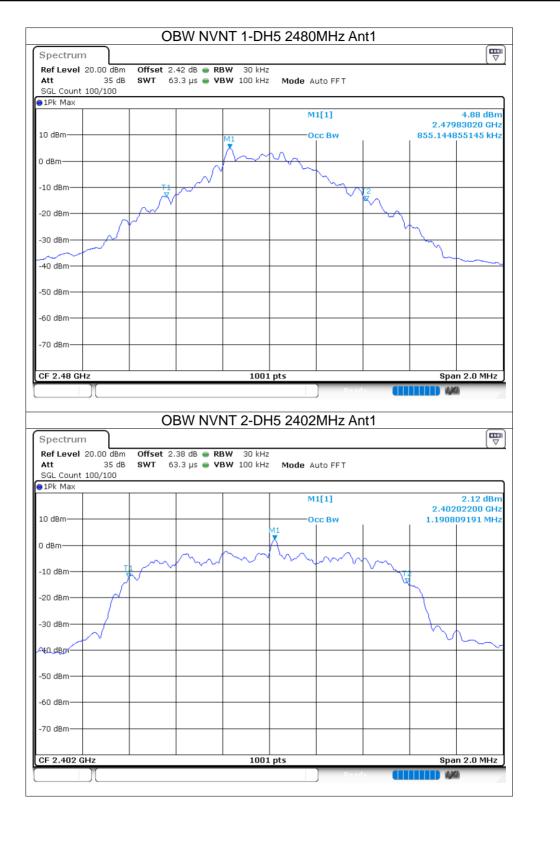


















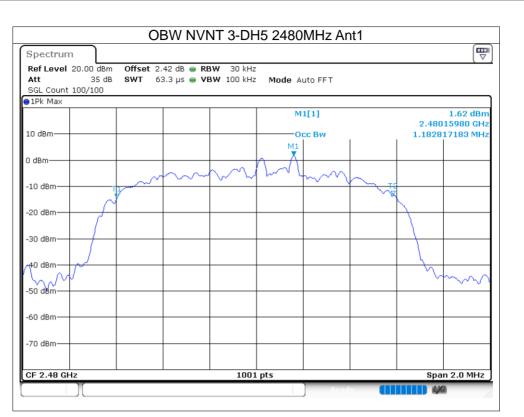
















8.5 Carrier F	requenc	ies Separat	ion				
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.828	2402.83	1.002	0.628	Pass
NVNT	1-DH5	Ant1	2440.828	2441.83	1.002	0.635	Pass
NVNT	1-DH5	Ant1	2478.828	2479.83	1.002	0.628	Pass
NVNT	2-DH5	Ant1	2402.007	2403.008	1.001	0.888	Pass
NVNT	2-DH5	Ant1	2441.006	2442.007	1.001	0.863	Pass
NVNT	2-DH5	Ant1	2479.008	2480.006	0.998	0.888	Pass
NVNT	3-DH5	Ant1	2402.014	2402.972	0.958	0.86	Pass
NVNT	3-DH5	Ant1	2440.97	2441.972	1.002	0.863	Pass
NVNT	3-DH5	Ant1	2478.969	2479.971	1.002	0.863	Pass

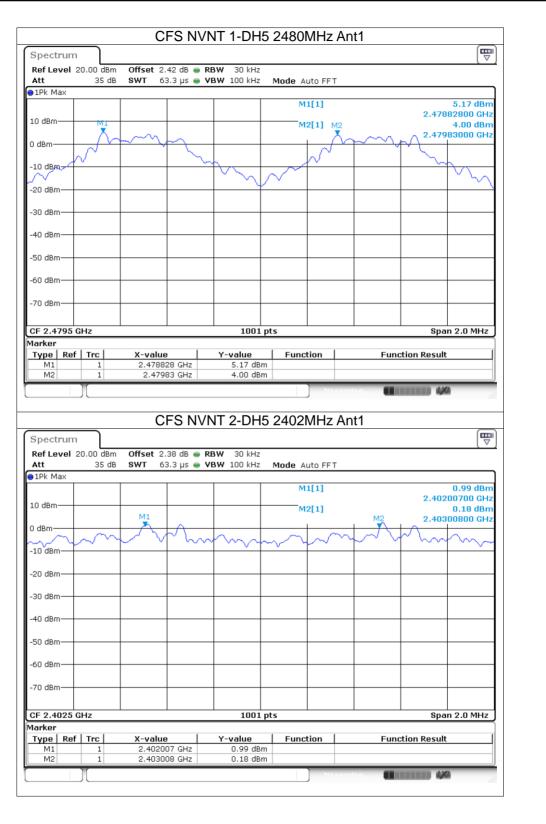






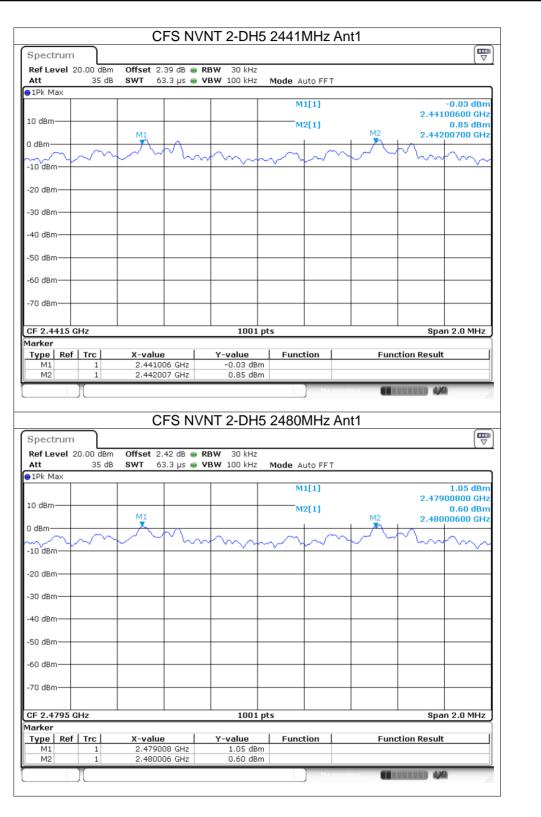






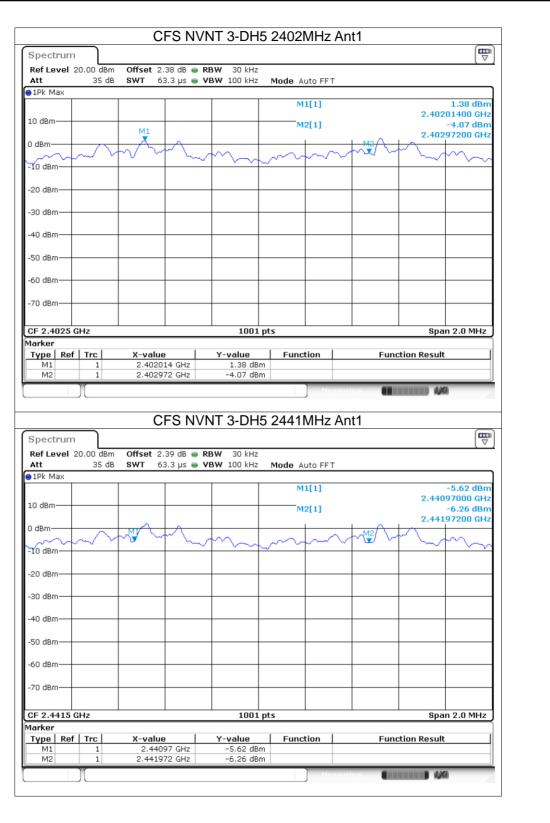






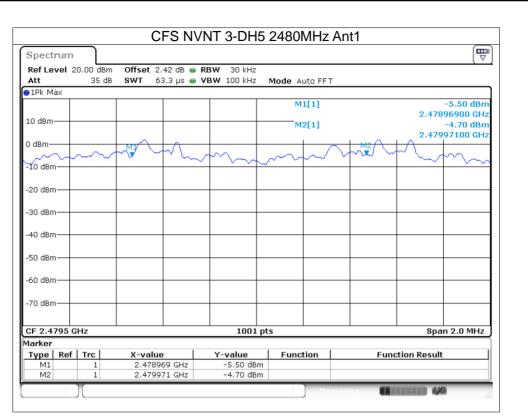
















### 8.6 Number of Hopping Channel

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





	Honn	ina No	NVNT 1	Fraphs	402M/H	z ∆nt1		
pectrum	Торр	ing NO.						
kef Level 20.00	dBm Offset 2	.38 dB 👄 R	<b>BW</b> 100 kHz	:				( ~ ,
	5 dB SWT	1 ms 🖷 🗸	<b>BW</b> 300 kHz	Mode A	uto Sweep			
1Pk Max				M	1[1]			5.60 dBm
01dBm				M	0[1]		2.40	18370 GHz 5.85 dBm
Naghabhah Ang	ndaabaaaaaha	<b>L</b> ADABADA	מהממגממ	NAABAAAA	(AAAAAAAA	ANANANAN.	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	ala
MARMAN AND AND A	MANYAAAA		WWWWWW	NUNNN	WWWW	NAMAN	WWWW	WINN
LO dBm	Anddanaaan		0.00000000	<u>I                                    </u>	<u>V r V Y I I V r</u>		0   0 1 0 1 0 1 0 1	
20 dBm								
30 dBm								
40 dBm								
50 dBm								
								(vyrbe
50 dBm								
70 dBm								
tart 2.4 GHz			1001	l pts			Stop 2.	4835 GHz
arker Type   Ref   Trc	X-value	e	Y-value	Funct	tion	Fund	tion Result	
M1 1 M2 1		37 GHz 93 GHz	5.60 dB 5.85 dB					
1.11		JO GIL	0.00 42	-		-		
	Норр	ing No.	NVNT 2	2-DH5 24	402MH			
· .					402MH		44	
ef Level 20.00		.38 dB 😑 R	<b>BW</b> 100 kHz	2				
t tt 3!	dBm <b>Offset</b> 2	.38 dB 😑 R		: : Mode At	uto Sweep			
t Ref Level 20.00 Att 3!	dBm <b>Offset</b> 2	.38 dB 😑 R	<b>BW</b> 100 kHz	: : Mode At				0.24 dBm
Lef Level 20.00 Ltt 31 IPK Max	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
Ref Level 20.00 Att 31 1Pk Max 0 dBm	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	: Mode Au	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
tef Level 20.00 tt <u>3</u> IPK Max 0 dBm there are a second and a second a se	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
tef Level 20.00 tt <u>3</u> IPK Max 0 dBm there are a second and a second a se	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
Lef Level 20.00           Max           IPk Max           0 dBm           1           Udbm           0 dBm	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
Lef Level         20.00           Att         3!           1Pk Max         0           0 dBm         0           1         0           10 dBm         0           20 dBm         0           20 dBm         0	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
1Pk Max 0 dBm 11 10 dBm 20 dBm 30 dBm	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
Ref Level         20.00           Att         31           1Pk Max         31           0 dBm         31           10 dBm         32           20 dBm         33           20 dBm         33           30 dBm         33	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
Lef Level         20.00           Att         3!           IPk Max         3!           D dBm         3!           Log Max         3!           O dBm         10           10 dBm         10	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72\dBm
Lef Level         20.00           Att         3!           1Pk Max         3!           0 dBm         1           1 dBm         1           20 dBm         30           40 dBm         30           40 dBm         30           30 dBm         30	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72,49m 02,435 GHz
Ref Level         20.00           Att         33           1Pk Max         34           0 dBm         34           10 dBm         34           20 dBm         30 dBm           40 dBm         30 dBm           50 dBm         35	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.72,49m 02,435 GHz
Leef Leevel         20.00           Att         33           1Pk Max         34           0 dBm         34           10 dBm         36           20 dBm         30           30 dBm         30	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.724£9m 024357GHz
Leef Leevel         20.00           Att         33           1Pk Max         34           0 dBm         34           10 dBm         30           20 dBm         30           30 dBm         30	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V			uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.724월m 024357GHz
Lef Level         20.00           Att         3!           1Pk Max         3!           0 dBm         3!           1 dBm         3!           10 dBm         3!	dBm Offset 2 5 dB SWT	.38 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz		uto Sweep 1[1] 2[1]	z Ant1	2.40	0.24 dBm 16700 GHz 3.724£9m 024357GHz
Ref Level         20.00           Att         33           1Pk Max         33           0 dBm         34           10 dBm         34           20 dBm         30           30 dBm         30           40 dBm         30           30 dBm         30           40 dBm         30           50 dBm         30           70 dBm         10           70 d	dBm Offset 2 5 dB SWT	38 dB • R 1 ms • V	BW 100 kHz BW 300 kHz	Mode A	uto Sweep 1[1] 2[1] עליל יייייייייייייייייייייייייייייייייי	z Ant1	2.40	0.24 dBm 16700 GHz 3.72 MBm 02435 THz 4835 GHz
Ref Level         20.00           Att         3!           1Pk Max         3!           0 dBm         0           10 dBm         0           20 dBm         0           30 dBm         0           40 dBm         0           30 dBm         0           40 dBm         0           50 dBm         0	dBm Offset 2 5 dB SWT	38 dB • R 1 ms • V	BW 100 kHz BW 300 kHz	E Mode A	uto Sweep 1[1] 2[1] עליל יייייייייייייייייייייייייייייייייי	z Ant1	2.40	0.24 dBm 16700 GHz 3.72 dBm 02435 CHz 4835 GHz





		Llenning					
	_	Hopping	NO. INVINT $3$	-DH5 2402N	IHZ ANTI		
Spectrum							
Ref Level 2			👄 RBW 100 kHz				
Att	35 dB	SWT 1 ms	🛛 🖷 🔍 🐨 🖷 🖷	Mode Auto Swe	ер		
1Pk Max				M1[1]			.02 dBm
				milil			040 GHz
10 dBm				M2[1]			.45 dBm
JALANA	Marian	homedandfand	In And A In Malerter	an the physical	lever the work the	144447399	105/2Hz
/ cpinto	11		ما بار مور ليون .	A MAY A A A A A A A A A A A A A A A A A			
-10 dBm							
20 dBm							
-30 dBm							
							Å
-40 dBm							
50 dBm							vtu
co do-							
-60 dBm							
-70 dBm							
Start 2.4 GF	Ηz		1001	pts	I	Stop 2.48	35 GHz
1arker				•			
Type Ref		X-value	Y-value	Function	Fund	tion Result	
M1 M2	1	2.402004 GH 2.4804105 GH					
1712		2.4804105 GH	2   -0.45 aB	m			
	Л			Mea	suring	4,44	///





#### 8.7 Band Edge

0		10						
	Condition	Mode	Frequency	Antenna	Hopping	Max Value	Limit	Verdict
			(MHz)		Mode	(dBc)	(dBc)	
	NVNT	1-DH5	2402	Ant1	No-Hopping	-57.43	-20	Pass
	NVNT	1-DH5	2480	Ant1	No-Hopping	-58.05	-20	Pass
	NVNT	2-DH5	2402	Ant1	No-Hopping	-54.24	-20	Pass
	NVNT	2-DH5	2480	Ant1	No-Hopping	-55.71	-20	Pass
	NVNT	3-DH5	2402	Ant1	No-Hopping	-55.49	-20	Pass
	NVNT	3-DH5	2480	Ant1	No-Hopping	-54.77	-20	Pass





					Test G	raphs				
	E	Band	Edae N	VNT 1	-DH5 240		Ant1 No	ισαοΗ-α	ng Ref	
Spect									5	Ē
-		.00 dBm	Offect 0	38 dB 👄 🛚	RBW 100 kHz					( \(\not\)
Att	VCI 20.	35 dB				Mode A	uto FFT			
	ount 100	0/100								
1Pk Ma	ax					M	1[1]			6.48 dBm
							1[1]		2.402	215980 GHz
10 dBm·					+ +	M1				
					1 ~	-1				
0 dBm—										
-10 dBm										
-10 UBII	-									
-20 dBm	)					$\rightarrow$				
					1/ 1					
-30 dBm	η <u> </u>									
							M			
-40 dBm	ι <u> </u>									
!-				$\sim$				Δ		
-50 dBm		ma	0.000	/					m. M	
-60 dBm	$\sim$							~~~~	riv i	
-00 abii	'									
-70 dBm	<u>ا</u> ــــ									
CF 2.40			ge NVN	IT 1-DF	1001 H5 2402M		) Rear t1 No-H	opping		000 MHz
	Bar		ge NVN	IT 1-DF			) Pear t1 No-H	opping		a //
Spect Ref Le	Bar	nd Ed	Offset 2	2.38 dB 👄	H5 2402M	IHz Ant		opping		n m
Spect Ref Le Att	Bar rum vel 20.	nd Ed	Offset 2	2.38 dB 👄	H5 2402M	IHz Ant	L Perro t <mark>1 No-H</mark> Auto FFT	opping		n m
Spect Ref Le Att SGL Co	Bar rum vel 20.	nd Ed	Offset 2	2.38 dB 👄	H5 2402M	IHz Ant		opping		n m
Spect Ref Le Att SGL Co	Bar rum vel 20.	nd Ed	Offset 2	2.38 dB 👄	H5 2402M	IHz Ant		opping	Emissic	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Spect Ref Le Att SGL Co JPk Ma	Bar rum vel 20. ount 100 ax	nd Ed	Offset 2	2.38 dB 👄	H5 2402M	IHz Ant Mode	Auto FFT	opping	Emissic 2.401	n Ţ
Spect Ref Le Att SGL Co ) 1Pk Ma 10 dBm	Bar rum vel 20. ount 100 ax	nd Ed	Offset 2	2.38 dB 👄	H5 2402M	IHz Ant Mode	Auto FFT	opping	Emissic	0000000000000000000000000000000000000
Spect Ref Le Att SGL Co IPk Ma IO dBm-	Bar rum vel 20. ount 100 ax	nd Ed	Offset 2	2.38 dB 👄	H5 2402M	IHz Ant Mode	Auto FFT	opping	Emissic	5.85 dBm 95000, GHz -54.34 ₩Bm
Spect Ref Le SGL Co IPk Ma 10 dBm- dBm-	Bar rum vel 20. ount 100 ax	nd Ed	Offset 2 SWT 2:	2.38 dB 👄	H5 2402M	IHz Ant Mode	Auto FFT	opping	Emissic	5.85 dBm 95000, GHz -54.34 ₩Bm
Spect Ref Le Att SGL Co IPk M 10 dBm 0 dBm -10 dBm	Bar rum vel 20. ount 100 ax	00 dBm 35 dB 0/100	Offset 2 SWT 2:	2.38 dB 👄	H5 2402M	IHz Ant Mode	Auto FFT	opping	Emissic	5.85 dBm 95000, GHz -54.34 ₩Bm
Spect Ref Le Att SGL Co IPk M 10 dBm 0 dBm -10 dBm	Bar rum vel 20. ount 100 ax	00 dBm 35 dB 0/100	Offset 2 SWT 2:	2.38 dB 👄	H5 2402M	IHz Ant Mode	Auto FFT	opping	Emissic	5.85 dBm 95000, GHz -54.34 ₩Bm
Spect Ref Le SGL Co IPk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm	Bar rum vel 20. ount 100 ax	00 dBm 35 dB 0/100	Offset 2 SWT 2:	2.38 dB 👄	H5 2402M	IHz Ant Mode	Auto FFT	opping	Emissic	5.85 dBm 95000, GHz -54.34 ₩Bm
Spect Ref Le SGL Co 10 dBm- 10 dBm- 10 dBm- -20 dBm- -20 dBm- -30 dBm	Bar rum vel 20. ount 100 ax	00 dBm 35 dB 0/100	Offset 2 SWT 2:	2.38 dB 👄	H5 2402M	IHz Ant Mode	Auto FFT	opping	Emissic	5.85 dBm 95000, GHz -54.34 ₩Bm
Spect Ref Le SGL Co IPk M IO dBm- O dBm- -10 dBm -20 dBm -30 dBm	Bar rum vel 20. ax	00 dBm 35 dB 0/100	Offset 2 SWT 22	2.38 dB •	H5 2402M	IHz Ant Mode / M	Auto FFT  1[1]  2[1]		2.401	000000 GHz 5.85 dBm 95000, GHz 54.34 MBm 000000 GHz
Spect Ref Le Att SGL Cc J 1Pk M. 10 dBm -10 dBm -10 dBm -10 dBm -30	Bar rum vel 20. ount 100 ax	00 dBm 35 dB 0/100	Offset 2 SWT 2:	2.38 dB •	H5 2402M	IHz Ant Mode / M	Auto FFT  1[1]  2[1]		2.401	000000 GHz 5.85 dBm 95000, GHz 54.34 MBm 000000 GHz
Spect Ref Le SGL Cc 10 dBm- 10 dBm- 10 dBm- -10 dBm- -20 dBm- -30 dBm- -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm	Bar rum vel 20. ount 100	00 dBm 35 dB 0/100	Offset 2 SWT 22	2.38 dB •	H5 2402M	IHz Ant Mode / M	Auto FFT  1[1]  2[1]		2.401	000000 GHz 5.85 dBm 95000, GHz 54.34 MBm 000000 GHz
Spect Ref Le SGL Cc 10 dBm- 10 dBm- 10 dBm- 10 dBm- 10 dBm- 30 dBm- 30 dBm- 40 dBm 40 dBm 40 dBm 40 dBm 40 dBm	Bar rum vel 20. ount 100	00 dBm 35 dB 0/100	Offset 2 SWT 22	2.38 dB •	H5 2402M	IHz Ant Mode / M	Auto FFT  1[1]  2[1]		2.401	000000 GHz 5.85 dBm 95000, GHz 54.34 MBm 000000 GHz
Spect Ref Le SGL Cc 91Pk M. 10 dBm- -10 dBm- -10 dBm- -20 dBr -30 dBr -30 dBr -50 dBr -50 dBr -50 dBr	Bar rum vel 20. ount 100 ax	-13.519	Offset 2 SWT 22	2.38 dB •	H5 2402M	IHz Ant Mode / M	Auto FFT  1[1]  2[1]		2.401 2.400	000000 GHz 5.85 dBm 95000, GHz 54.34 MBm 000000 GHz
Spect Ref Le SGL Co 1Pk M 10 dBm- -10 dBm- -20 dBm- -20 dBm -20 dBm -30 dBm -3	Bar rum vel 20. ax D1	-13.519	dBm	2.38 dB • 2.7.5 µs •	H5 2402M	Mode / Mode / M	Auto FFT  1[1]  2[1]		Emissic	000000 GHz 2.406 GHz
Spect Ref Le SGL Co 1Pk Mi 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -70 dBm -70 dBm -70 dBm -70 dBm	Bar rum vel 20. ax D1	-13.519	Offset 2 SWT 22	2.38 dB • 2.7.5 µs •	H5 2402M	IHz Ant Mode / M  //////////////////	Auto FFT  1[1]  2[1]		2.401 2.400	000000 GHz 2.406 GHz
Spect Ref Le SGL Co 10 dBm- -10 dBm- -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70 dBm -70 dBm -70 dBm	Bar rum vel 20. ax D1	-13.519	Offset 2 SWT 22	2.38 dB • 2.7.5 µs •	H5 2402M	IHz Ant Mode / M M M M M M M M M M M M M M M M M M M	Auto FFT  1[1]  2[1]		Emissic	000000 GHz 2.406 GHz
Att SGL Co SGL CO S	Bar rum vel 20. ax D1	-13.519	Offset 2 SWT 22 dBm dBm x-value 2.401 2 2.	2.38 dB • 27.5 µs •	H5 2402M	Mode / Mode / M M M M M M M M M M M M M M M M M M M	Auto FFT  1[1]  2[1]		Emissic	000000 GHz 2.406 GHz





Spectru	n	Ŭ		DH5 248				-	
-	 20.00 dBm	Offset 2	.42 dB 👄 RE	3W 100 kHz					( v
Att	35 dB			<b>BW</b> 300 kHz	Mode At	uto FFT			
3GL Coun 1Pk Max	t 100/100								
TEK MIGY					M	1[1]			5.86 dBm
						-[-]		2.480	04000 GHz
0 dBm—									
					٦				
dBm——									
LO dBm—					$\sum$				
				1					
20 dBm—									
30 dBm—				/					
			$  \wedge$		)	$\wedge$			
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50 dBm—									
70 dBm—									
o ubiii—									
	H7			1001 •	nts			Sna	n 8 0 MHz
E		ge NVN	IT 1-DH	1001 p 5 2480M		) Read t1 No-H	opping		
E	Band Ed			5 2480M		) Pead t1 No-H	opping		
E pectrui Ref Level	Band Ed	Offset 2	2.42 dB 👄 R	5 2480M	Hz Ant	) Poor t <mark>1 No-H</mark> Auto FFT	opping		n
Epectrui Ref Level Att GGL Coun	Band Ed	Offset 2	2.42 dB 👄 R	5 2480M	Hz Ant		opping		n
Epectrui Ref Level Att GGL Coun	Band Ed	Offset 2	2.42 dB 👄 R	5 2480M	Hz Ant	Auto FFT	opping		n T
Epectrui Ref Level Mtt GGL Count 1Pk Max	Band Ed	Offset 2	2.42 dB 👄 R	5 2480M	Hz Ant		opping	Emissic	0N (₩ 5.86 dBm
Epectrui Ref Level Mtt GGL Count 1Pk Max	Band Ed	Offset 2	2.42 dB 👄 R	5 2480M	Hz Ant Mode A	Auto FFT	opping	Emissic	n T
Epectrui Ref Level SGL Coun 1Pk Max	Band Ed	Offset 2	2.42 dB 👄 R	5 2480M	Hz Ant Mode A	Auto FFT 1[1]	opping	Emissic	0 <b>∩</b> 5.86 dBm 15000 GHz
Epectrui Ref Level SGL Coun IPk Max Didam	Band Ed	Offset 2	2.42 dB 👄 R	5 2480M	Hz Ant Mode A	Auto FFT 1[1]	opping	Emissic	5.86 dBm 15000 GHz 54.94 dBm
Epectrui Ref Level Att JPk Max Didem	Band Ed	Offset 2 SWT 2:	2.42 dB 👄 R	5 2480M	Hz Ant Mode A	Auto FFT 1[1]	opping	Emissic	5.86 dBm 15000 GHz 54.94 dBm
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Epectrui Ref Level SGL Coun IPK Max D'dêm	Band Ed	Offset 2 SWT 22	2.42 dB ● R 27.5 μs ● V	5 2480M	Mode 4	Auto FFT  1[1] 2[1]		2.480 2.483	5.86 dBm 15000 GHz 54.94 dBm 50000 GHz
E pectrui Ref Level Att GL Coun IPk Max Did&m	Band Ed	Offset 2 SWT 22	2.42 dB ● R 27.5 μs ● V	5 2480M	Mode 4	Auto FFT  1[1] 2[1]		2.480 2.483	5.86 dBm 15000 GHz 54.94 dBm
Epectrui Ref Level Htt IPk Max Did&m- d&m- 0 d&m- 0 d&m-	Band Ed	Offset 2 SWT 22	2.42 dB ● R 27.5 μs ● V	5 2480M	Mode 4	Auto FFT  1[1] 2[1]		2.480 2.483	5.86 dBm 15000 GHz 54.94 dBm 50000 GHz
Epectrui Ref Level Htt IPk Max Did&m- d&m- 0 d&m- 0 d&m-	Band Ed	Offset 2 SWT 22	2.42 dB ● R 27.5 μs ● V	5 2480M	Mode 4	Auto FFT  1[1] 2[1]		2.480 2.483	5.86 dBm 15000 GHz 54.94 dBm 50000 GHz
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