

RADIO TEST REPORT FCC ID: 2ARRB-MB105

Product: TRUE WIRELESS EARBUDS Trade Mark: Motorola Model No.: MOTO BUDS 105 Family Model: N/A Report No.: S22060101201001 Issue Date: Jun 28. 2022

Prepared for

Meizhou Guo Wei Electronics Co., Ltd

AD1 Section, Economic Development Area, Dongsheng Industrial District, Meizhou, Guangdong, China.

Prepared by

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1 TEST RESULT CERTIFICATION

Meizhou Guo Wei Electronics Co., Ltd
AD1 Section, Economic Development Area, Dongsheng Industrial District, Meizhou, Guangdong, China.
Meizhou Guo Wei Electronics Co., Ltd
AD1 Section, Economic Development Area, Dongsheng Industrial District, Meizhou, Guangdong, China.
TRUE WIRELESS EARBUDS
MOTO BUDS 105
N/A
S220601012019

Measurement Procedure Used:

APPLICABLE STANDARDS		
STANDARD/ TEST PROCEDURE TEST RESULT		
Complied		
-		

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

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

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

Date of Test	:	Jun 01, 2022 ~ Jun 28. 2022
Testing Engineer	:	Mukri Lee
0 0		(Mukzi Lee)
		Alex
Authorized Signatory	:	(Alex Li)
		х <i>г</i>



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

3.3 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	Conducted Emission Test	±2.80dB
2	RF power, conducted	±0.16dB
3	Spurious emissions, conducted	±0.21dB
4	All emissions, radiated(30MHz~1GHz)	±2.64dB
5	All emissions, radiated(1GHz~6GHz)	±2.40dB
6	All emissions, radiated(>6GHz)	±2.52dB
7	Temperature	±0.5°C
8	Humidity	±2%
9	All emissions, radiated(9KHz~30MHz)	±6dB



4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification		
Equipment	TRUE WIRELESS EARBUDS	
Trade Mark	Motorola	
FCC ID	2ARRB-MB105	
Model No.	MOTO BUDS 105	
Family Model	N/A	
Model Difference	N/A	
Operating Frequency	2402MHz~2480MHz	
Modulation	GFSK, π/4-DQPSK	
Number of Channels	79 Channels	
Antenna Type	Chip Antena	
Antenna Gain	-0.4dBi	
Power Rating	Earphone: DC 3.7V from Battery or DC 5V form Charging case. Charging case: DC 3.7V from Battery or DC 5V from type-C port.	
Battery	Earphone: DC 3.7V, 50mAh Charging case: DC 3.7V, 300mAh	
Adapter	N/A	
Hardware version	V0.1	
Firmware version	V1.0	
Software version	V2.3	

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
S22060101201001	Rev.01	Initial issue of report	Jun 28. 2022

ACCRED

TED Certificate #4298.01



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

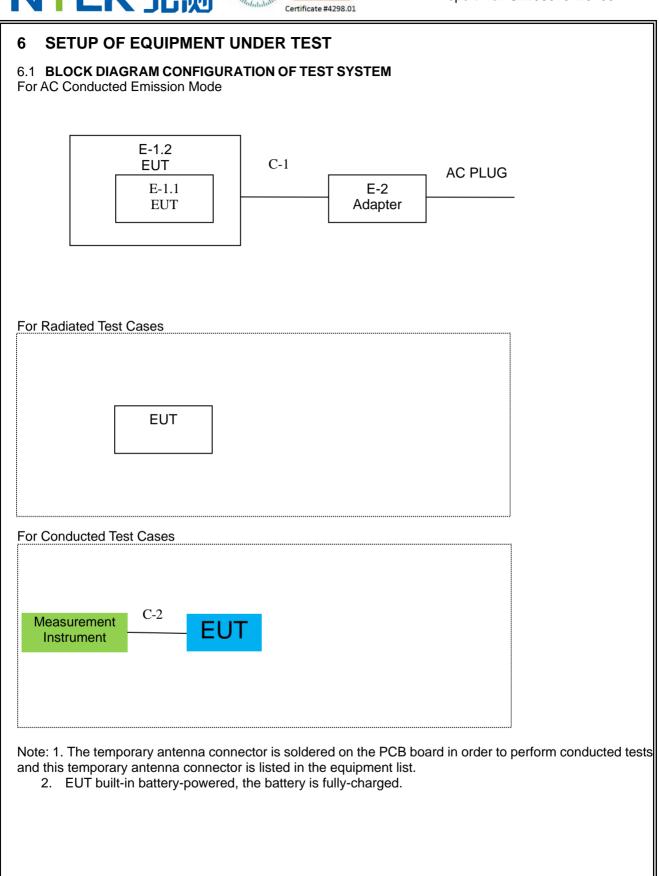
For Radiated Test Cases			
Final Test Mode	Description		
Mode 1	normal link mode		
Mode 2	CH00(2402MHz)		
Mode 3	CH39(2441MHz)		
Mode 4	CH78(2480MHz)		

Note: For radiated test cases, the worst mode data rate 2Mbps 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
	TRUE WIRELESS	MOTO BUDS	N/A	EUT
E-1.1	EARBUDS (Earphone)	105	IN/A	EUT
E-1.2	TRUE WIRELESS EARBUDS (Charging case)	MOTO BUDS 105	N/A	EUT
E-2	Adapter	N/A	N/A	Peripherals

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

Vaulati							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Aglient	E4407B	MY45108040	2022.04.01	2023.03.31	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2022.04.01	2023.03.31	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2022.04.01	2023.03.31	1 year
4	Test Receiver	R&S	ESPI7	101318	2022.04.01	2023.03.31	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2022.03.30	2023.03.29	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
7	Horn Antenna	EM	EM-AH-1018 0	2011071402	2022.03.31	2023.03.30	1 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2022.03.31	2023.03.30	1 year
9	Amplifier	EMC	EMC051835 SE	980246	2021.07.01	2022.06.30	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2021.11.07	2022.11.06	1 year
11	Power Meter	DARE	RPR3006W	15I00041SN 084	2021.11.07	2022.11.06	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2019.08.06	2022.08.05	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2019.08.06	2022.08.05	3 year
14	High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2019.06.28	2022.06.27	3 year
15	Filter	TRILTHIC	2400MHz	29	2021.11.07	2022.11.06	1 year
16	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

ACCREDITED Certificate #4298.01

Note:

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



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

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

7 TEST REQUIREMENTS

7.1 CONDUCTED EMISSIONS TEST

7.1.1 Applicable Standard

According to FCC Part 15.207(a)

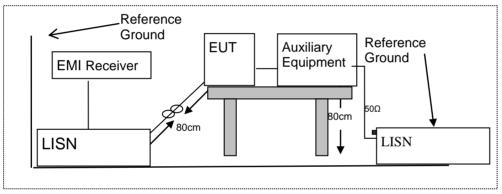
7.1.2 Conformance Limit

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

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

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

7.1.3 Test Configuration



7.1.4 Test Procedure

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

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room.
- 2. The EUT was placed on a table which is 0.8m above ground plane.
- Connect EUT to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- 4. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable
 may be terminated, if required, using the correct terminating impedance. The overall length shall not
 exceed 1 m.
- 6. LISN at least 80 cm from nearest part of EUT chassis.
- 7. The frequency range from 150KHz to 30MHz was searched.
- 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

Pass



7.1.6 Test Results

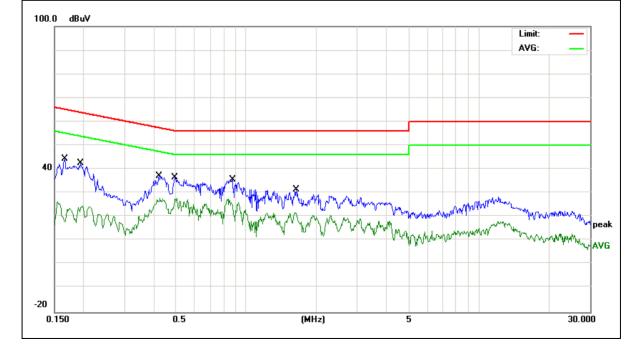
EUT:	TRUE WIRELESS EARBUDS	Model Name :	MOTO BUDS 105
Temperature:	22 ℃	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Demende
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	- Remark
0.1660	34.66	9.61	44.27	65.15	-20.88	QP
0.1660	10.61	9.61	20.22	55.15	-34.93	AVG
0.1940	32.84	9.61	42.45	63.86	-21.41	QP
0.1940	14.64	9.61	24.25	53.86	-29.61	AVG
0.4218	27.41	9.65	37.06	57.41	-20.35	QP
0.4218	18.19	9.65	27.84	47.41	-19.57	AVG
0.4979	26.67	9.65	36.32	56.03	-19.71	QP
0.4979	17.74	9.65	27.39	46.03	-18.64	AVG
0.8699	26.14	9.66	35.80	56.00	-20.20	QP
0.8699	15.69	9.66	25.35	46.00	-20.65	AVG
1.6416	21.68	9.67	31.35	56.00	-24.65	QP
1.6416	11.95	9.67	21.62	46.00	-24.38	AVG

Remark:

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

2. Factor = Insertion Loss + Cable Loss.





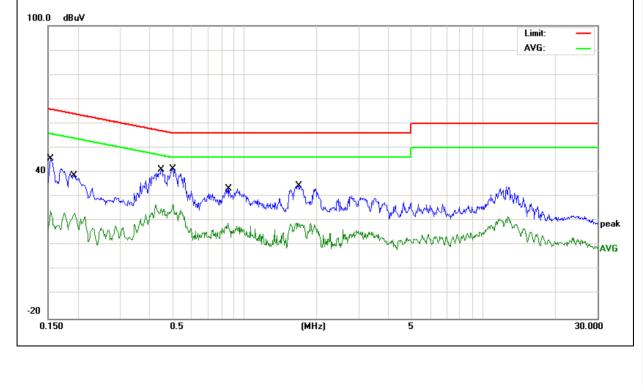
EUT:	TRUE WIRELESS EARBUDS	Model Name :	MOTO BUDS 105
Temperature:	25 °C	Relative Humidity:	62%
Pressure:	1010hPa	Phase :	Ν
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1539	35.74	9.65	45.39	65.78	-20.39	QP
0.1539	14.61	9.65	24.26	55.78	-31.52	AVG
0.1912	29.06	9.63	38.69	63.98	-25.29	QP
0.1912	12.55	9.63	22.18	53.98	-31.80	AVG
0.4465	31.33	9.65	40.98	56.94	-15.96	QP
0.4465	15.63	9.65	25.28	46.94	-21.66	AVG
0.5020	31.80	9.65	41.45	56.00	-14.55	QP
0.5020	17.17	9.65	26.82	46.00	-19.18	AVG
0.8497	23.71	9.66	33.37	56.00	-22.63	QP
0.8497	9.60	9.66	19.26	46.00	-26.74	AVG
1.6736	24.70	9.67	34.37	56.00	-21.63	QP
1.6736	9.36	9.67	19.03	46.00	-26.97	AVG

Remark:

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

2. Factor = Insertion Loss + Cable Loss.





7.2 RADIATED SPURIOUS EMISSION

7.2.1 Applicable Standard

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

7.2.2 Conformance Limit

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

According to 1 CC 1 art 15.20			
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(2)
13.36-13.41			

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

Restricted Frequency(MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Measurement Distance
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(iviriz)	PEAK	AVERAGE			
Above 1000	74	54			

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

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

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

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

For Frequency above 30MHz:

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

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

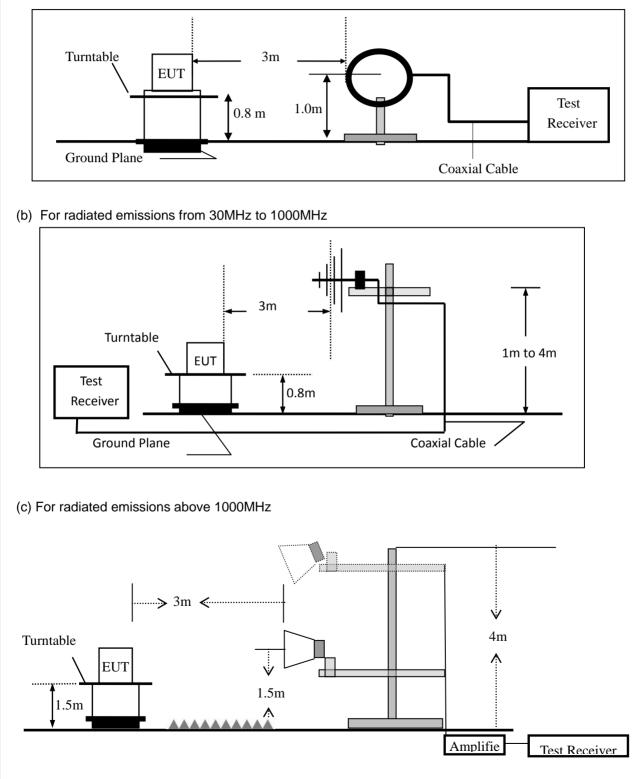


7.2.3 Measuring Instruments

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

7.2.4 Test Configuration

(a) For radiated emissions below 30MHz





7.2.5 Test Procedure

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

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

Spectrum Parameter	Setting			
Attenuation	Auto			
Start Frequency	1000 MHz			
Stop Frequency	10th carrier harmonic			
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 1 MHz for Average			

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For the radiated emission test above 1GHz: Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- e. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- f. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- g. For the actual test configuration, please refer to the related Item –EUT Test Photos.
 - Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported



During the radiated emission to	During the radiated emission test, the Spectrum Analyzer was set with the following configurations:							
Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth					
30 to 1000	QP	120 kHz	300 kHz					
Ah awa 4000	Peak	1 MHz	1 MHz					
Above 1000	Average	1 MHz	1 MHz					

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

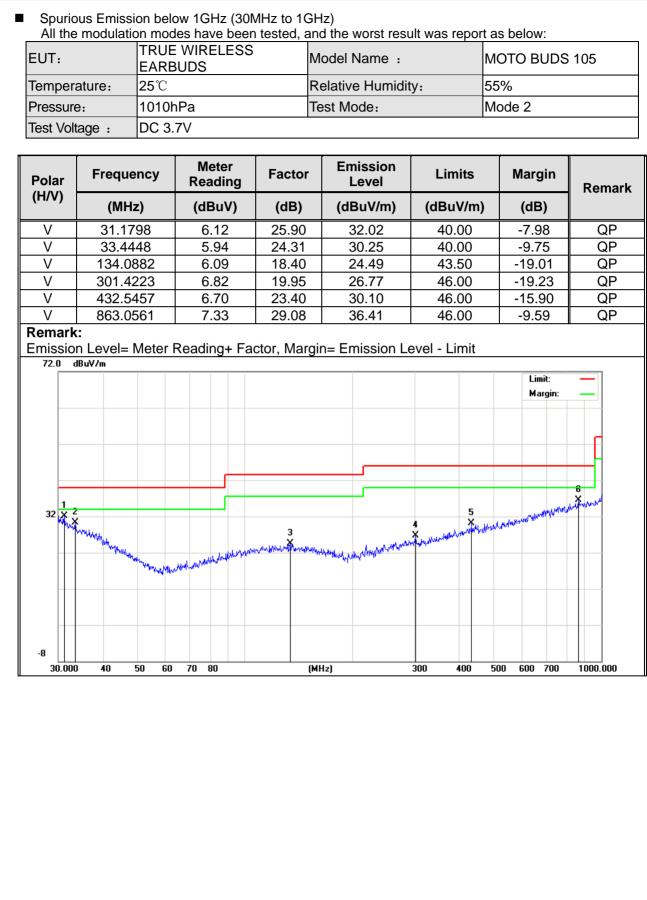
7.2.6 Test Results

Spurious Em	Spurious Emission below 30MHz (9KHz to 30MHz)							
EUT: TRUE WIRELESS EARBUDS Model No.: MOTO BUDS 105								
Temperature:	20 ℃	Relative Humidity:	48%					
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee					

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

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







Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	30.7454	6.42	26.12	32.54	40.00	-7.46	QP
Н	35.2511	5.40	23.61	29.01	40.00	-10.99	QP
Н	129.4677	5.65	18.65	24.30	43.50	-19.20	QP
Н	282.9852	6.19	19.75	25.94	46.00	-20.06	QP
Н	570.6100	6.89	25.37	32.26	46.00	-13.74	QP
Н	845.0878	6.51	28.91	35.42	46.00	-10.58	QP
						Margin:	
							6
32	2 Arrithational And Managements and Annual A	www.www.wheeling	3 	4 munner of power water	Nessed relation to the second second		
-8	40 50 6	0 70 80	(MH	z]	300 400 5		1000.000



Spurious	Spurious Emission Above 1GHz (1GHz to 25GHz)										
EUT:	EUT: TRUE WIRELESS EARBUDS				Model No.: MO			мотс	TO BUDS 105		
Temperature	: 20	°C			Relati	ve Humidity	<i>/</i> :	48%			
Test Mode:	Мо	de2/Mod	e3/Mode4	ŀ	Test E	By:		Mukzi	Lee		
All the modula	ation mod	les have	been teste				t was	report	as below	/:	
Frequency	Read Level	Cable loss	Antenna Factor		eamp ictor	Emission Level	Li	mits	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(c	dB)	(dBµV/m)	(dB	µV/m)	(dB)		
		L	ow Channel	l (240	2 MHz	z)(π/4-DQPS	SK)A	Above 1	G		
4804	69.85	5.21	35.59	44	1.30	66.35	74	4.00	-7.65	Pk	Vertical
4804	49.61	5.21	35.59	44	1.30	46.11	54	4.00	-7.89	AV	Vertical
7206	69.69	6.48	36.27	44	1.60	67.84	74	4.00	-6.16	Pk	Vertical
7206	50.61	6.48	36.27	44	1.60	48.76	54	4.00	-5.24	AV	Vertical
4804	68.52	5.21	35.55	44	1.30	64.98	74	4.00	-9.02	Pk	Horizontal
4804	47.93	5.21	35.55	44	1.30	44.39	54	4.00	-9.61	AV	Horizontal
7206	70.22	6.48	36.27	44	1.52	68.45	74	4.00	-5.55	Pk	Horizontal
7206	50.69	6.48	36.27	44	1.52	48.92	54	4.00	-5.08	AV	Horizontal
		N	/lid Channel	(244	1 MHz)(π/4-DQPS	SK)A	bove 1	G		
4882	70.53	5.21	35.66	44	1.20	67.20	74	4.00	-6.80	Pk	Vertical
4882	49.46	5.21	35.66	44	1.20	46.13	54	4.00	-7.87	AV	Vertical
7323	69.3	7.10	36.50	44	1.43	68.47	74	4.00	-5.53	Pk	Vertical
7323	48.64	7.10	36.50	44	1.43	47.81	54	4.00	-6.19	AV	Vertical
4882	69.63	5.21	35.66	44	1.20	66.30	74	4.00	-7.70	Pk	Horizontal
4882	47.13	5.21	35.66	44	1.20	43.80	54	4.00	-10.20	AV	Horizontal
7323	68.21	7.10	36.50	44	1.43	67.38	74	4.00	-6.62	Pk	Horizontal
7323	45.49	7.10	36.50	44	1.43	44.66	54	4.00	-9.34	AV	Horizontal
		Н	igh Channel	l (248	80 MHz	z)(π/4-DQPS	SK) /	Above '	1G		
4960	70.84	5.21	35.52	44	1.21	67.36	74	4.00	-6.64	Pk	Vertical
4960	47.44	5.21	35.52	44	l.21	43.96	54	4.00	-10.04	AV	Vertical
7440	70.77	7.10	36.53	44	1.60	69.80	74	4.00	-4.20	Pk	Vertical
7440	49.91	7.10	36.53	44	l.60	48.94	54	4.00	-5.06	AV	Vertical
4960	69.88	5.21	35.52	44	1.21	66.40	74	4.00	-7.60	Pk	Horizontal
4960	46.23	5.21	35.52	44	1.21	42.75	54	4.00	-11.25	AV	Horizontal
7440	70.12	7.10	36.53	44	l.60	69.15	74	4.00	-4.85	Pk	Horizontal
7440	49.5	7.10	36.53	44	1.60	48.53	54	4.00	-5.47	AV	Horizontal

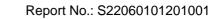
Note:

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



∎ S												
EUT:			RELESS	S EARBUD	DS I	Mode	l No.:		MOT	O BUDS	105	
Temp	perature:	20 °C			F	Relati	ive Humidit	y:	48%			
Test I	Mode:	Mode2/ M	ode4		-	Test I	Зу:		Mukz	i Lee		
All th	ne modula	ation mode	es have	been teste	ed, ai	nd th	e worst res	ult wa	s repo	ort as be	ow:	
Fr	requency	Meter Reading	Cable Loss	Antenna Factor		amp ctor	Emission Level	Lin	nits	Margin	Detector	Comment
	(MHz)	(dBµV)	(dB)	dB/m	(d	IB)	(dBµV/m)	(dBµ	V/m)	(dB)	Туре	
				2Mb	ps(π/	4-DQ	PSK)-Non-ho	opping	ļ			
2	2310.00	70.12	2.97	27.80	43	.80	57.09	7	4	-16.91	Pk	Horizontal
2	2310.00	45.02	2.97	27.80	43	.80	31.99	5	4	-22.01	AV	Horizontal
2	2310.00	69.39	2.97	27.80	43	.80	56.36	7	4	-17.64	Pk	Vertical
2	2310.00	48.06	2.97	27.80	43	.80	35.03	5	4	-18.97	AV	Vertical
2	2390.00	68.61	3.14	27.21	43	.80	55.16	7	4	-18.84	Pk	Vertical
2	2390.00	47.01	3.14	27.21	43	.80	33.56	5	4	-20.44	AV	Vertical
2	2390.00	70.35	3.14	27.21	43	.80	56.90	7	4	-17.10	Pk	Horizontal
2	2390.00	48.56	3.14	27.21	43	.80	35.11	5	4	-18.89	AV	Horizontal
2	2483.50	69.95	3.58	27.70	44	.00	57.23	7	4	-16.77	Pk	Vertical
2	2483.50	48.59	3.58	27.70	44	.00	35.87	5	4	-18.13	AV	Vertical
2	2483.50	69.18	3.58	27.70	44	.00	56.46	7	4	-17.54	Pk	Horizontal
2	2483.50	49.86	3.58	27.70	44	.00	37.14	5	4	-16.86	AV	Horizontal
				21	/bps((π/4-C	QPSK)-hop	ping				
2	2310.00	68.79	2.97	27.80	43	.80	55.76	7	4	-18.24	Pk	Horizontal
2	2310.00	49.14	2.97	27.80	43	.80	36.11	5	4	-17.89	AV	Horizontal
2	2310.00	69.93	2.97	27.80	43	.80	56.90	7	4	-17.10	Pk	Vertical
2	2310.00	50.72	2.97	27.80	43	.80	37.69	5	4	-16.31	AV	Vertical
2	2390.00	70.19	3.14	27.21	43	.80	56.74	7	4	-17.26	Pk	Vertical
2	2390.00	45.2	3.14	27.21	43	.80	31.75	5	4	-22.25	AV	Vertical
2	2390.00	70.58	3.14	27.21	43	.80	57.13	7	4	-16.87	Pk	Horizontal
2	2390.00	47.1	3.14	27.21	43	.80	33.65	5	4	-20.35	AV	Horizontal
2	2483.50	70.96	3.58	27.70	44	.00	58.24	7	4	-15.76	Pk	Vertical
2	2483.50	47.67	3.58	27.70	44	.00	34.95	5	4	-19.05	AV	Vertical
2	2483.50	70.66	3.58	27.70	44	.00	57.94	7	4	-16.06	Pk	Horizontal
2	2483.50	45.42	3.58	27.70	44	.00	32.70	5	4	-21.30	AV	Horizontal

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





EUT:	TRUE WIRELESS EARBUDS			Mode	lodel No.: MOTO BUDS 105			105			
Temperature:	20 °	С			Relati	ive Humidity	y:	48%			
Test Mode:	Mod	le2/ Mod	e4		Test B	By:		Mukzi	Lee		
All the modu	lation mod	les have	been teste	ed, a	and the	e worst resu	ult wa	is repo	rt as belo	ow:	
Frequency	Reading Level	Cable Loss	Antenna Factor		eamp actor	Emission Level	Lir	mits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(0	dB)	(dBµV/m)	(dBµ	JV/m)	(dB)	Туре	
3260	70.12	4.04	29.57	44	4.70	59.03	7	74	-14.97	Pk	Vertical
3260	48.01	4.04	29.57	44	4.70	36.92	Ę	54	-17.08	AV	Vertical
3260	68.8	4.04	29.57	44	4.70	57.71	7	74	-16.29	Pk	Horizontal
3260	48.81	4.04	29.57	44	4.70	37.72	Ę	54	-16.28	AV	Horizontal
3332	68.64	4.26	29.87	44	4.40	58.37	7	74	-15.63	Pk	Vertical
3332	47.39	4.26	29.87	44	1.40	37.12	Ę	54	-16.88	AV	Vertical
3332	69.5	4.26	29.87	44	1.40	59.23	7	74	-14.77	Pk	Horizontal
3332	49.6	4.26	29.87	44	4.40	39.33	Ę	54	-14.67	AV	Horizontal
17797	58.98	10.99	43.95	43	3.50	70.42	7	74	-3.58	Pk	Vertical
17797	33.16	10.99	43.95	43	3.50	44.60	Ę	54	-9.40	AV	Vertical
17788	50.7	11.81	43.69	44	4.60	61.60	7	74	-12.40	Pk	Horizontal
17788	31.31	11.81	43.69	44	1.60	42.21	Ę	54	-11.79	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.

 $VBW \ge RBW$

Sweep = auto

Detector function = peak

Trace = max hold

7.3.6 Test Results

EUT:	TRUE WIRELESS EARBUDS	Model No.:	MOTO BUDS 105
Temperature:	20 (Relative Humidity:	48%
Test Mode:	Mode 5(1Mbps)	Test By:	Mukzi Lee



7.4 HOPPING CHANNEL SEPARATION MEASUREMENT

7.4.1 Applicable Standard

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

7.4.2 Conformance Limit

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

7.4.3 Measuring Instruments

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

7.4.4 Test Setup

Please refer to Section 6.1 of this test report.

7.4.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.2

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

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

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

The EUT was operating in controlled its channel.

Use the following spectrum analyzer settings:

Span = Measurement Bandwidth or Channel Separation

RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.

VBW ≥ RBW

Sweep = auto

Detector function = peak Trace = max hold

7.4.6 Test Results

EUT:	TRUE WIRELESS EARBUDS	Model No.:	MOTO BUDS 105
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee

7.5 AVERAGE TIME OF OCCUPANCY (DWELL TIME)

7.5.1 Applicable Standard

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

7.5.2 Conformance Limit

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

7.5.3 Measuring Instruments

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

7.5.4 Test Setup

Please refer to Section 6.1 of this test report.

7.5.5 Test Procedure

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





7.5.6 Test Results

EUT:	TRUE WIRELESS EARBUDS	Model No.:	MOTO BUDS 105
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee

Test data reference attachment.

Note:

A Period Time = (channel number)*0.4 DH1 Dwell time: Reading * (1600/2)*31.6/(channel number) DH3 Dwell time: Reading * (1600/4)*31.6/(channel number) DH5 Dwell time: Reading * (1600/6)*31.6/(channel number)

For Example:

- 1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4×79) (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:	TRUE WIRELESS EARBUDS	Model No.:	MOTO BUDS 105
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee



7.7 **PEAK OUTPUT POWER**

7.7.1 Applicable Standard

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

7.7.2 Conformance Limit

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

7.7.3 Measuring Instruments

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

7.7.4 Test Setup

Please refer to Section 6.1 of this test report.

7.7.5 Test Procedure

The testing follows ANSI C63.10-2013 clause 7.8.5.

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

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

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

The EUT was operating in controlled its channel.

Use the following spectrum analyzer settings:

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

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

 $VBW \ge RBW$

Sweep = auto

Detector function = peak Trace = max hold

7.7.6 Test Results

EUT:	TRUE WIRELESS EARBUDS	Model No.:	MOTO BUDS 105
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Mukzi Lee



7.8 CONDUCTED BAND EDGE MEASUREMENT

7.8.1 Applicable Standard

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

7.8.2 Conformance Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(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:	TRUE WIRELESS EARBUDS	Model No.:	MOTO BUDS 105
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2 /Mode4/ Mode 5	Test By:	Mukzi Lee



7.9 SPURIOUS RF CONDUCTED EMISSION

7.9.1 Applicable Standard

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

7.9.2 Conformance Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

7.9.3 Measuring Instruments

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

7.9.4 Test Setup

Please refer to Section 6.1 of this test report.

7.9.5 Test Procedure

Establish an emission level by using the following procedure:

a) Set the center frequency and span to encompass frequency range to be measured.

- b) Set the RBW = 100 kHz.
- c) Set the VBW \geq [3 × RBW].
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.

g) Allow trace to fully stabilize.

h) Use the peak marker function to determine the maximum amplitude level.

Then the limit shall be attenuated by at least 20 dB relative to the maximum amplitude level in 100 kHz.

7.9.6 Test Results

Remark: The measurement frequency range is from 30MHzHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.



7.10 ANTENNA APPLICATION

7.10.1 Antenna Requirement

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

7.10.2 Result

The EUT antenna is permanent attached Chip antenna (Gain:-0.4 dBi). It comply with the standard requirement.



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

According to FCC Part 15.247(a)(1), The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals. (g) Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmission sover 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.

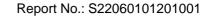
The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.



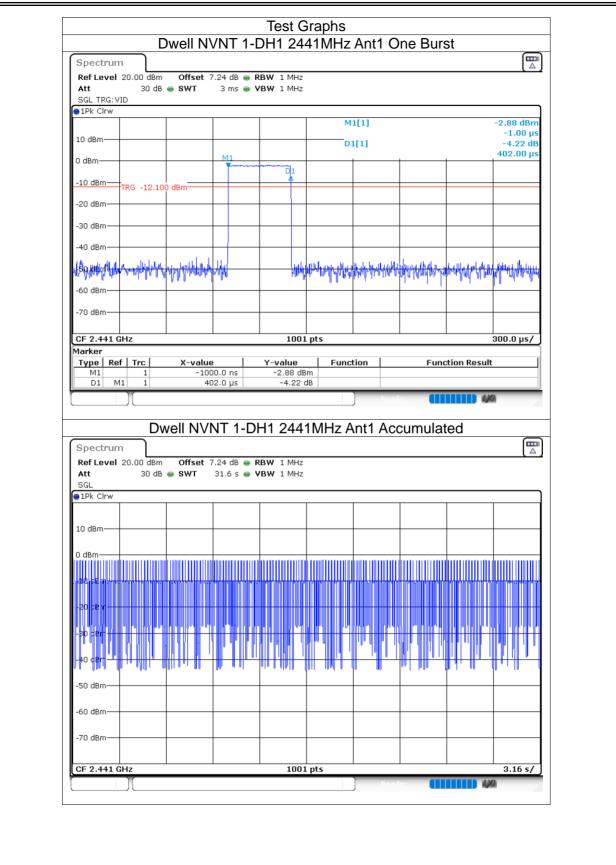
8 TEST RESULTS

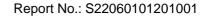
8.1 DWELL TIME

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	0.402	93.666	233	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.66	209.16	126	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.912	267.904	92	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.405	91.53	226	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.66	229.08	138	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.912	253.344	87	31600	400	Pass

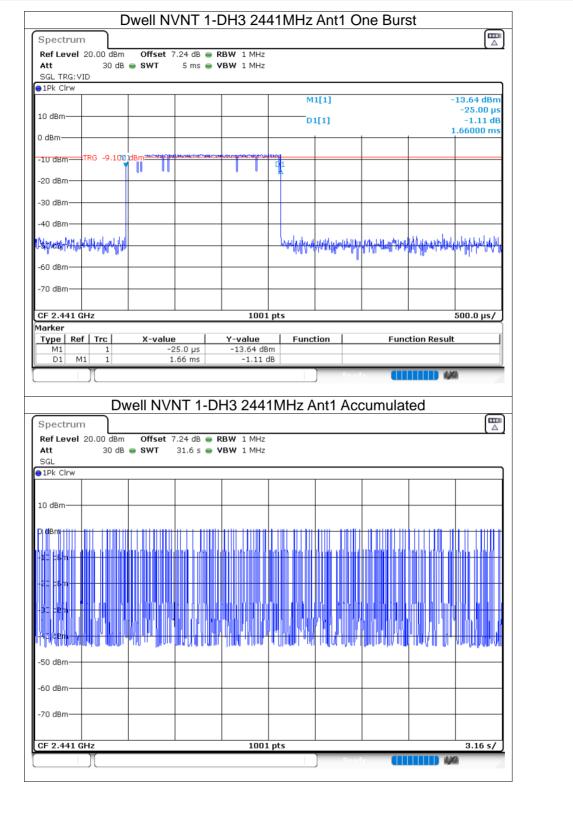


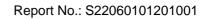




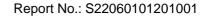


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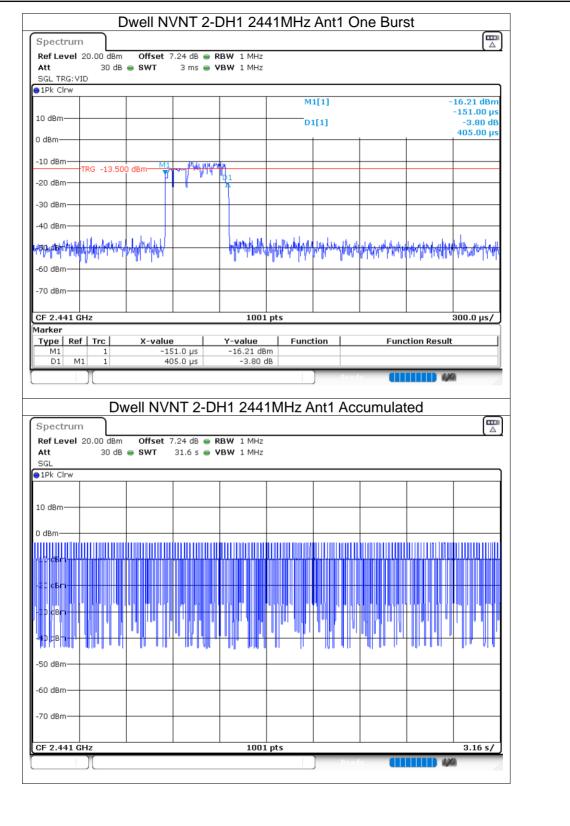


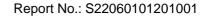


					M	1[1]			-5.91 dBm
10 dBm						L[1]		0.0	0000000 s 3.03 dB
0 dBm	M <u>1</u>			01				2	2.91200 ms
-10 dBm	TRG -12.300	dDee		A					
-20 dBm	110 -12.500	ubiii							
-30 dBm									
-40 dBm									
u Baland Broken in the	hu			4	hal have	heller half and a start	, and the second se	halandan para bara	whith the state of the
-60 dBm						v . (
-70 dBm									
05.0.441.0				1001	nte				800.0.0= (
CF 2.441 G Marker				1001					800.0 μs/
Type Ref	Trc 1	X-value	0.0 s	Y-value -5.91 dB		tion	Fund	tion Result	
D1 M		2.9	912 ms	3.03 (ЗВ				74
						, Keau			
	Dw	ell NVI	NT 1-DI	H5 244	1MHz A	nt1 Aco	cumulat	ed	
Spectrum									
Spectrum Ref Level Att	20.00 dBm	Offset 7 SWT	7.24 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 10 dBm 0 dBm	20.00 dBm								
Ref Level Att SGL 1Pk Cirw 10 dBm 0 dBm -10 dBm	20.00 dBm								
Ref Level Att SGL 1Pk Clrw 10 dBm -L0 dBm -2C c6m	20.00 dBm 30 dB	• SWT	31.6 s • V	BW 1 MHz					
Ref Level Att SGL 1Pk Clrw 10 dBm -L0 dBm -2C c6m	20.00 dBm 30 dB	• SWT		BW 1 MHz					
Ref Level Att SGL ● 1Pk CIrw 10 dBm 0 dBm -10 dBm -20 cBm -30 cBm		• SWT	31.6 s • V	BW 1 MHz		i, sintra i	н А, А, С, , , , И		
Ref Level Att SGL ● 1Pk CIrw 10 dBm − dBm − L0 dBm − 2C cBm		• SWT	31.6 s • V	BW 1 MHz		i, sintra i	н А, А, С, , , , И		
Ref Level Att SGL ● 1Pk CIrw 10 dBm - 10 dBm - 20 cBm - 30 cB - 40 dBm - 50 dBm		• SWT	31.6 s • V	BW 1 MHz		i, sintra i	н А, А, С, , , , И		
Ref Level Att SGL ● 1Pk CIrw 10 dBm - 10 dBm - 20 cBm - 30 cBm - 40 dBm		• SWT	31.6 s • V	BW 1 MHz		i, sintra i	н А, А, С, , , , И		
Ref Level Att SGL ● 1Pk CIrw 10 dBm - 10 dBm - 20 cBm - 30 cB - 40 dBm - 50 dBm		• SWT	31.6 s • V	BW 1 MHz		i, sintra i	н А, А, С, , , , И		
Ref Level Att SGL 10 dBm 10 dBm -10 dBm -20 dBm -30 cBf -30 cBf -40 dBm -50 dBm -60 dBm	20.00 dBm 30 dB	• SWT	31.6 s • V	BW 1 MHz		i, sintra i	н А, А, С, , , , И		

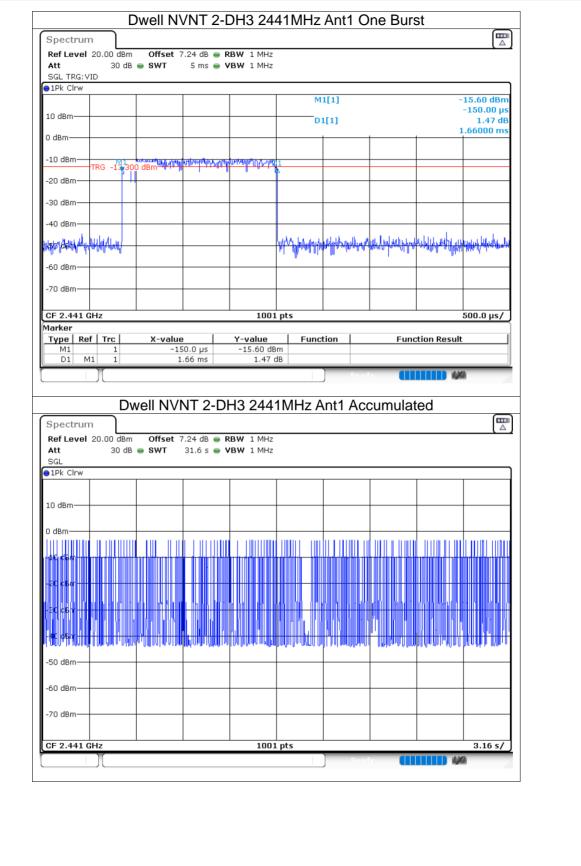


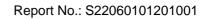






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SGL TRG: VID 1Pk Clrw							
-			M1	[1]			13.61 dBm 0000000 s
10 dBm			D1[[1]			2.20 dB .91200 ms
0 dBm							.91200 113
7	Jegenne Milligene and Milligene allowed	nterenter in the second s					
-20 dBm TRG -17.0	DO dBm						
-30 dBm							
-40 dBm							
Marthe Marthauth			un datalanda	Handhardan	all and shall a shall be	uhhahadahase	hter the states of the states
-60 dBm							
-70 dBm							
CF 2.441 GHz		1001	pts				B00.0 μs/
Marker	V velue 1				-		
Type Ref Trc M1 1 D1 M1 1	X-value 0.0 s 2.912 ms	<u>Y-value</u> -13.61 dB 2.20 d			Func	tion Result	
D1 M1 1	2.912 ms	2.20 a	B	Read	-		
D	well NVNT 2-D	0H5 2441	1MHz Ar	nt1 Acc	cumulat	ed	
Spectrum			1MHz Ar	nt1 Acc	cumulat	ed	
Spectrum Ref Level 20.00 dBm Att 30 dB	n Offset 7.24 dB 🖷		1MHz Ar	nt1 Acc	cumulat	ed	
Spectrum Ref Level 20.00 dBm	n Offset 7.24 dB 🖷	RBW 1 MHz	1MHz Ar	nt1 Acc		ed	
Spectrum Ref Level 20.00 dBm Att 30 dE SGL	n Offset 7.24 dB 🖷	RBW 1 MHz	1MHz Ar	nt1 Acc		ed	
Spectrum Ref Level 20.00 dBm Att 30 dE SGL	n Offset 7.24 dB 🖷	RBW 1 MHz	IMHz Ar	nt1 Acc		ed	
Spectrum Ref Level 20.00 dBm Att 30 dE SGL @ 1Pk Clrw	n Offset 7.24 dB 🖷	RBW 1 MHz	IMHz Ar	nt1 Acc		ed	
Spectrum Ref Level 20.00 dBm Att 30 dE SGL @ 1Pk Cirw 10 dBm	n Offset 7.24 dB 🖷	RBW 1 MHz		nt1 Acc			
Spectrum Ref Level 20.00 dBm Att 30 dE SGL ● 1Pk Clrw 10 dBm 0 dBm - 10 dBm	n Offset 7.24 dB 🖷	RBW 1 MHz	IMHz Ar	nt1 Acc			
Spectrum Ref Level 20.00 dBm Att 30 dE SGL 10 dBm 0 dBm 10 dBm -10 dBm -20 dBm	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz					
Spectrum Ref Level 20.00 dBm Att 30 dE SGL ● 1Pk Clrw 10 dBm 0 dBm - 10 dBm	n Offset 7.24 dB 🖷	RBW 1 MHz	IMHz Ar	nt1 Acc			
Spectrum Ref Level 20.00 dBm Att 30 dE SGL 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm 120 dBm 120 dBm 130 dBm 130 dBm 130 dBm 130 dBm 14 dBm 150 dBm 1	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz					
Spectrum Ref Level 20.00 dBm Att 30 dE SGL 1Pk Clrw 10 dBm 0 dBm 1d dBm -20 dBm -30 dEm -30	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz					
Spectrum Ref Level 20.00 dBm SGL IPk Clrw 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm -20 dBm -20 dBm -30 dem -30 dem -30 dem -50 dBm -50 dBm	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz					
Spectrum Ref Level 20.00 dBm Att 30 dE SGL 1Pk Clrw 10 dBm 0 dBm 1d dBm -20 dBm -30 dEm -30	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz					
Spectrum Ref Level 20.00 dBm SGL IPk Clrw 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm -20 dBm -20 dBm -30 dem -30 dem -30 dem -50 dBm -50 dBm	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz					
Spectrum Ref Level 20.00 dBm Att 30 dE SGL IPk Cirw 10 dBm 0 dBm 10 dBm 20 dBm -10 dBm -50 dBm -60 dBm -70 dBm -70 dBm	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz YBW 1 MHz					
Spectrum Ref Level 20.00 dBm Att 30 dE SGL IPk Clrw 10 dBm 0 dBm 10 dBm 20 dBm -30 dBr -50 dBm -60 dBm	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz					3.16 s/
Spectrum Ref Level 20.00 dBm Att 30 dE SGL ID dBm 0 dBm 10 dBm 10 dBm 20 dBm -50 dBm -60 dBm -70 dBm	• Offset 7.24 dB • • • SWT 31.6 s •	RBW 1 MHz YBW 1 MHz					3.16 s/



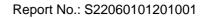
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8.2 MAXIMUM CONDUCTED OUTPUT POWER

0.2 MAXIMUM CONDUCTED OUTPUT FOWER									
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict	
NVNT	1-DH5	2402	Ant1	-2.96	0	-2.96	21	Pass	
NVNT	1-DH5	2441	Ant1	-2.04	0	-2.04	21	Pass	
NVNT	1-DH5	2480	Ant1	-3.84	0	-3.84	21	Pass	
NVNT	2-DH5	2402	Ant1	-0.93	0	-0.93	21	Pass	
NVNT	2-DH5	2441	Ant1	-0.07	0	-0.07	21	Pass	
NVNT	2-DH5	2480	Ant1	-1.78	0	-1.78	21	Pass	

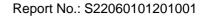


Spectrum								
SGL Count 100/10	db SWT	7.07 dB 👄 RB 1 ms 👄 VI		Mode Au	to Sweep			
●1Pk Max				M	1[1]		2 402	-2.96 dBm 07490 GHz
10 dBm								or roo dinz
0 dBm				M1				
-10 dBm								
-20 dBm								
-30 dBm								
-40 dBm								
-50 dBm								
-60 dBm								
-70 dBm								
CF 2.402 GHz			1001				Pp.2	n 5.0 MHz
			1001	. pts			opa	11 0.0 Miliz j
			1001	. pts	Read		spa	1 0.0 (4112)
	Po	wer NVI) nor 1MHz A	Normal Ant1	aha	
	Po	wer NVI] non 1MHz A	Ant1		
Spectrum Ref Level 20.00 Att 30	dBm Offset 7 D dB SWT	7.24 dB • RE 1 ms • VI	NT 1-D	H5 244		Ant1	949 	
Spectrum Ref Level 20.00 Att 3(SGL Count 100/10	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		
Spectrum Ref Level 20.00 Att 3(SGL Count 100/10	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au		Ant1		
Spectrum Ref Level 20.00 Att 30 SGL Count 100/10 • 1Pk Max	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		-2.04 dBm
Spectrum Ref Level 20.00 Att 3(SGL Count 100/10 • 1Pk Max 10 dBm	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		-2.04 dBm
Spectrum Ref Level 20.00 Att 30 SGL Count 100/10 1Pk Max 10 dBm 0 dBm	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		-2.04 dBm
Spectrum Ref Level 20.00 Att 30 SGL Count 100/10 • IPk Max 10 dBm -10 dBm	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		-2.04 dBm
Spectrum Ref Level 20.00 Att 30 SGL Count 100/10 • 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		-2.04 dBm
Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 • 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		-2.04 dBm
Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		-2.04 dBm
Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep			-2.04 dBm
Spectrum Ref Level 20.00 Att 33 SGL Count 100/10 PIPK Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	dBm Offset 7 D dB SWT	7.24 dB 😑 RI	NT 1-D	H5 244 Mode Au	to Sweep	Ant1		-2.04 dBm

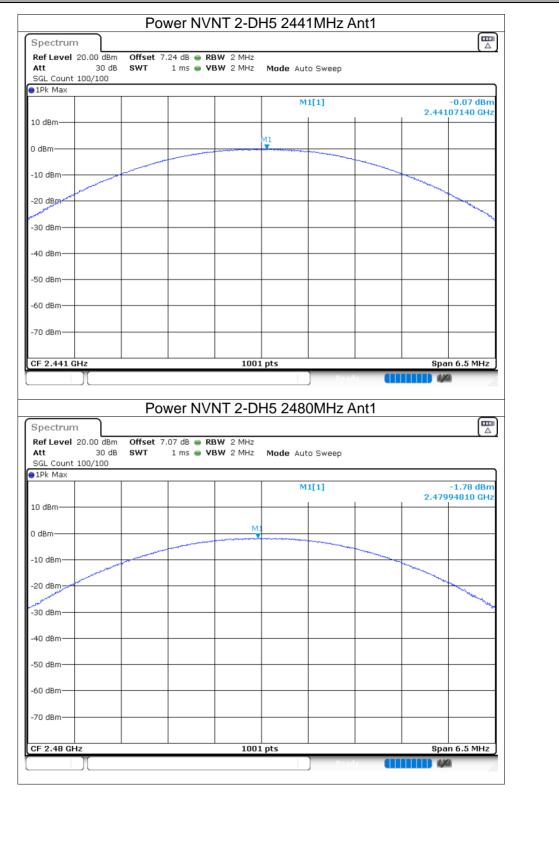




Att SGL Count	20.00 dBm 30 dB 100/100	SWT	.07 dB 👄 RBN 1 ms 👄 VBN		Mode Au	to Sweep			
1Pk Max					N	1[1]			-3.84 dBm
10 dBm						+		2.48	009490 GHz
0 dBm——					M1 V				
-10 dBm—									
-20 dBm									
20 dBm									
-30 dBm									
-40 dBm—									
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.48 GH	lz			1001	pts			Spa	an 5.0 MHz
Ref Level	1 20.00 dBm 30 dB			N 2 MHz			nt1		
Ref Level Att SGL Count	20.00 dBm 30 dB	Offset 7		N 2 MHz	Mode Au	to Sweep	nt1		
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au		Int1	2.40	-0.93 dBm 210390 GHz
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	Int1	2.40	-0.93 dBm
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	.nt1	2.40	-0.93 dBm
Ref Level Att SGL Count) IPk Max 10 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	.nt1	2.40	-0.93 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	<u>int1</u>	2.40	-0.93 dBm
Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	.nt1	2.40	-0.93 dBm
Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	<u>.nt1</u>	2.40	-0.93 dBm
Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	.nt1	2.40	-0.93 dBm
Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	<u>.nt1</u>	2.40	-0.93 dBm
Ref Level Att SGL Count SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	.nt1	2.40	-0.93 dBm
Ref Level Att SGL Count SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	.nt1	2.40	-0.93 dBm
Ref Level Att SGL Count SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	20.00 dBm 30 dB	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	.nt1	2.40	-0.93 dBm
Ref Level Att SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	20.00 dBm 30 dB 100/100	Offset 7	.07 dB 👄 RBN	N 2 MHz	Mode Au	to Sweep	.nt1	Sp	-0.93 dBm 210390 GHz
Spectrun Ref Level Att SGL Count 91Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.402 C	20.00 dBm 30 dB 100/100	Offset 7	.07 dB 👄 RBN	₩ 2 MHz ₩ 2 MHz	Mode Au	to Sweep	vnt1	Sp	-0.93 dBm 210390 GHz
Ref Level Att SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	20.00 dBm 30 dB 100/100	Offset 7	.07 dB 👄 RBN	₩ 2 MHz ₩ 2 MHz	Mode Au	to Sweep		Sp	-0.93 dBm 210390 GHz





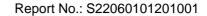




8.3 -20DB BANDWIDTH

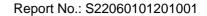
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.946	Pass
NVNT	1-DH5	2441	Ant1	0.952	Pass
NVNT	1-DH5	2480	Ant1	0.948	Pass
NVNT	2-DH5	2402	Ant1	1.316	Pass
NVNT	2-DH5	2441	Ant1	1.28	Pass
NVNT	2-DH5	2480	Ant1	1.334	Pass

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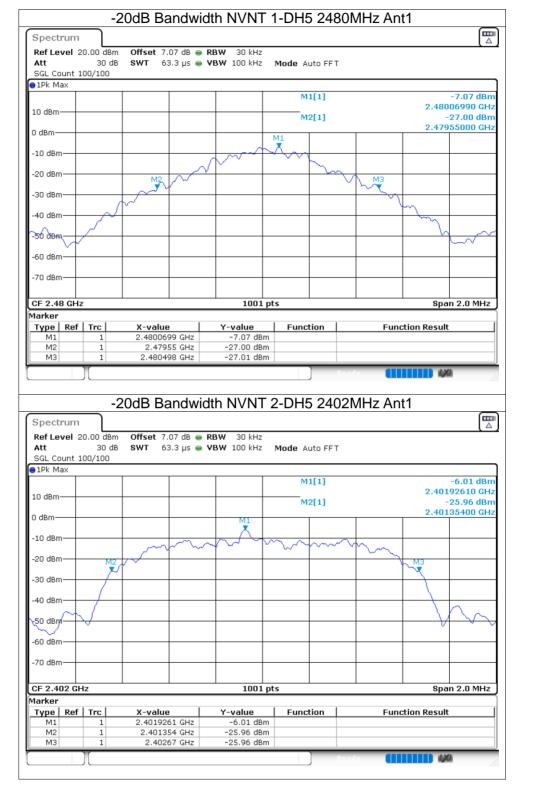


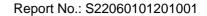




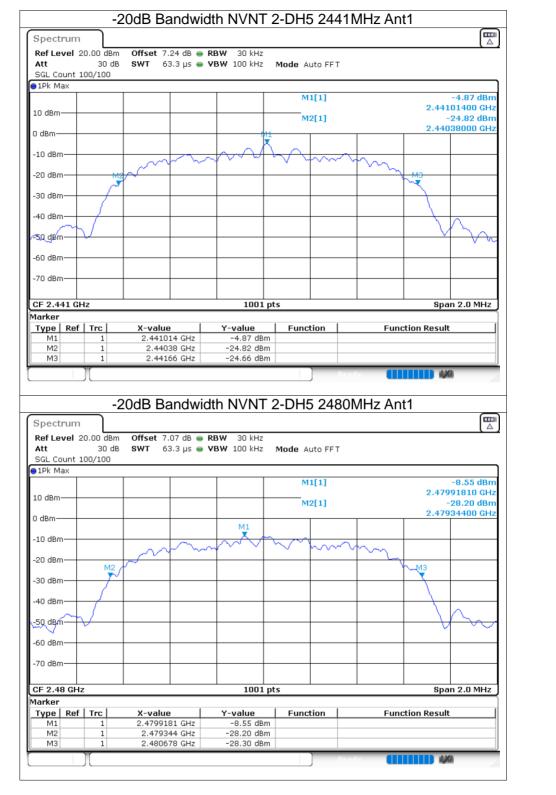












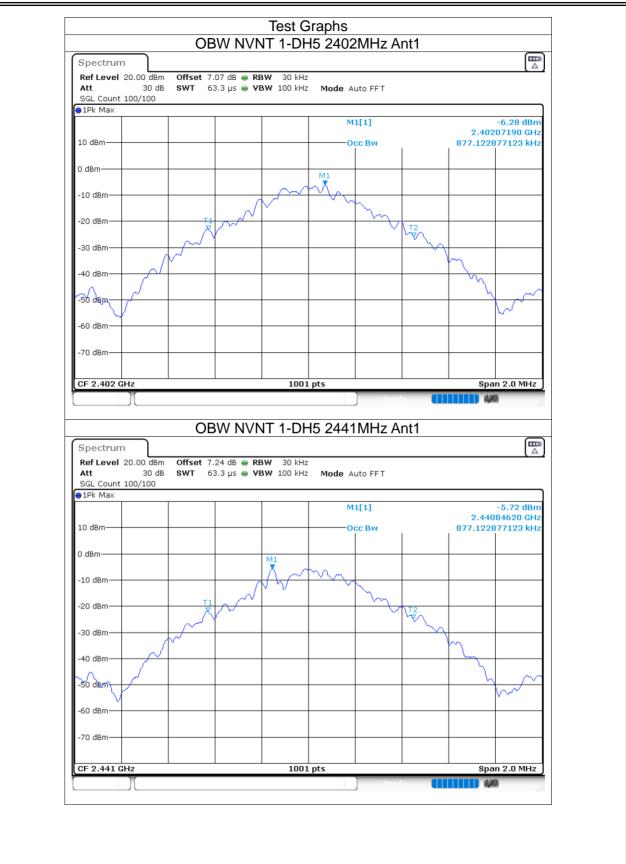


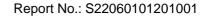
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8.4 OCCUPIED CHANNEL BANDWIDTH

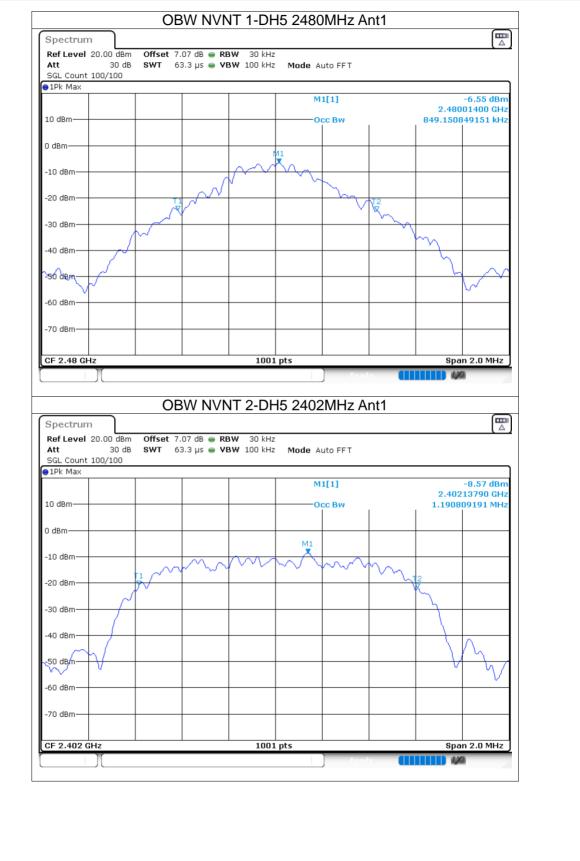
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.877
NVNT	1-DH5	2441	Ant1	0.877
NVNT	1-DH5	2480	Ant1	0.849
NVNT	2-DH5	2402	Ant1	1.191
NVNT	2-DH5	2441	Ant1	1.181
NVNT	2-DH5	2480	Ant1	1.195

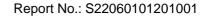












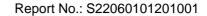






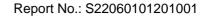
8.5 CARRIER FREQUENCIES SEPARATION

0.5 CARRIER I R	5 CARRIER FREQUENCIES SEPARATION											
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict					
NVNT	1-DH5	Ant1	2402.014	2403.07	1.056	0.631	Pass					
NVNT	1-DH5	Ant1	2441.07	2442.014	0.944	0.635	Pass					
NVNT	1-DH5	Ant1	2479.014	2480.07	1.056	0.632	Pass					
NVNT	2-DH5	Ant1	2402.096	2403.18	1.084	0.877	Pass					
NVNT	2-DH5	Ant1	2441.014	2442.028	1.014	0.853	Pass					
NVNT	2-DH5	Ant1	2479.18	2480.138	0.958	0.889	Pass					



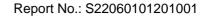




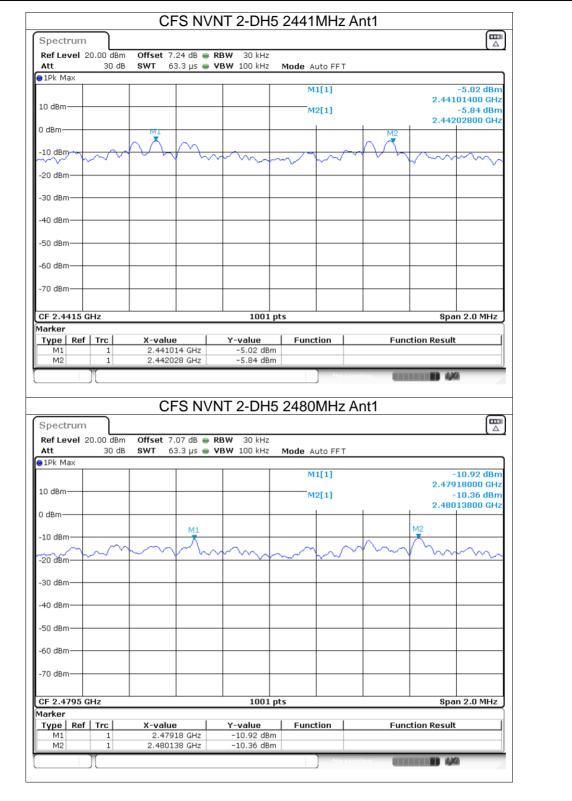














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8.6 NUMBER OF HOPPING CHANNEL

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



		Hoppir	ng No. I	Test G NVNT 1		402M⊦	lz Ant1		
Spectrum			an ann 1 an						
Ref Level Att	20.00 dBm 30 dB	Offset 7.1 SWT		BW 100 kHz BW 300 kHz	Mode A	uto Sweep			
●1Pk Max					м	1[1]			-4.14 dBn
10 dBm						2[1]			-7.26 dBn 800765 GH;
BidBm እስለተለስ	0.00000	0.004.0000	IANAAANAN	በስለአለስለበ	الأ أأ المحمة ا				M2
-10 58m++++									
-30 dBm								• 1.e.e	0 0 * 1 0
-40 dBm									
50 dBm									tu
-60 dBm									
-70 dBm									
Start 2.4 G Iarker	Hz			1001	pts			Stop 2	2.4835 GHz
M1 M2		2.40183 2.480076		-4.14 dBr -7.26 dBr		Measur	in a		M)
M2		2.480076	55 GHz		n) 402MF			M E
M2 Spectrum Ref Level Att		2.480076 Hoppir	35 GHZ N G NO. N 07 dB ● RE	-7.26 dBr	-DH5 2	402MH			
M2 Spectrum Ref Level Att	1	2.480076 Hoppin	35 GHZ N G NO. N 07 dB ● RE	-7.26 dBr NVNT 2 3w 100 kHz	-DH5 2 Mode A				△
M2 Spectrum Ref Level Att 10 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH; -9.65 dBn 803270 GH;
M2 Spectrum Ref Level Att 10 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr NVNT 2 3w 100 kHz	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH; -9.65 dBn 803270 GH;
M2 Spectrum Ref Level Att 10 dBm 0/dBm -10 dBm -10 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH; -9.65 dBn 803270 GH;
M2 Spectrum Ref Level Att 10 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH; -9.65 dBn 803270 GH;
M2 Spectrum Ref Level Att 10 dBm MMM -10 dBm -20 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH; -9.65 dBn 803270 GH;
M2 Spectrum Ref Level Att 10 dBm 0/dBm -20 dBm -20 dBm -20 dBm -40 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH: -9.65 dBn 803270 GH: M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2
M2 Spectrum Ref Level Att 10 dBm RidBm -20 dBm -20 dBm -20 dBm -20 dBm -20 dBm -20 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH; -9.65 dBn 803270 GH;
M2 Spectrum Ref Level Att 10 dBm 40 dBm -20 dBm -20 dBm -50 dBm -60 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH: -9.65 dBn 803270 GH: M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2
M2 Spectrum Ref Level Att ID dBm IPk Max ID dBm 20 dBm 20 dBm 40 dBm 50 dBm -60 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	-DH5 2 Mode Ar	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH: -9.65 dBn 803270 GH: M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2
M2 Spectrum Ref Level Att 10 dBm 0,10 dBm -10 dBm -20 dBm -20 dBm -30 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	07 dB ● RE 1 ms ● VE	-7.26 dBr	n DH5 2 Mode A	uto Sweep 1[1] 2[1]	Iz Ant1	2.4 2.4	-4.94 dBn 018370 GH: -9.65 dBn 803270 GH: M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2
M2 Spectrum Ref Level Att 10 dBm 10 dBm 20 dBm -20 dBm -20 dBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm	1 20.00 dBm 30 dB	2.480076	107 dB ● RE 1 ms ● VE	-7.26 dBr	n DH5 2 Mode A M WWWWW	uto Sweep 1[1] 2[1]	Iz Ant1	2.4	-4.94 dBn 018370 GH: -9.65 dBn 803270 GH: M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2
M2 Spectrum Ref Level Att 10 dBm 9/dBm -20 dBm -20 dBm -50 dBm -60 dBm -70 dBm	1 20.00 dBm 30 dB	2.480076 Hoppir Offset 7.1 SWT	1 ms ● ve	-7.26 dBr	n -DH5 2 Mode A M M WWWWWW M	uto Sweep 1[1] 2[1]	Iz Ant1	2.4 2.4	-4.94 dBn 018370 GH: -9.65 dBn 803270 GH: M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2



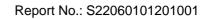
8.7 BAND EDGE

• •								
	Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
	NVNT	1-DH5	2402	Ant1	No-Hopping	-48.02	-20	Pass
Ī	NVNT	1-DH5	2480	Ant1	No-Hopping	-49.45	-20	Pass
	NVNT	2-DH5	2402	Ant1	No-Hopping	-47.37	-20	Pass
	NVNT	2-DH5	2480	Ant1	No-Hopping	-49.49	-20	Pass

Report No.: S22060101201001

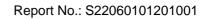


Att SGL Count	20.00 dBm 30 dB			BW 100 kHz BW 300 kHz		uto FFT			
●1Pk Max					м	1[1]			-3.44 dBm
10 dBm						1		2.402	01600 GHz
0 dBm				<u>ل</u> ر	لمسر				
-10 dBm					-				
-20 dBm									
-30 dBm									
-40 dBm			M	/		5			
-50 dBm			\vdash			h			
-60 dBm	~~~~	$\sim\sim\sim\sim$	~~~				Sm	m	$\sim\sim\sim$
70 40									
-70 dBm									
CF 2.402 C Ba Spectrun	nd Edg	e NVN	Г 1-DH	1001 5 2402N) Pow t1 No-H	lopping		
Ba Spectrun Ref Level Att	nd Edg	Offset 7	7.07 dB 👄 F		/Hz An		lopping		
Ba Spectrun Ref Level	nd Edg	Offset 7	7.07 dB 👄 F	5 2402N	/Hz An ^z Mode /	Auto FFT	lopping	Emiss	ion
Ba Spectrun Ref Level Att SGL Count	nd Edg	Offset 7	7.07 dB 👄 F	5 2402N	/Hz An ^z Mode /	Auto FFT	lopping	Emiss 2.402	ion
Ba Spectrun Ref Level Att SGL Count ● 1Pk Max	nd Edg	Offset 7	7.07 dB 👄 F	5 2402N	/Hz An ^z Mode /	Auto FFT	lopping	Emiss 2.402	ion
Ba Spectrun Ref Level Att SGL Count PIPk Max 10 dBm	nd Edg	Offset 7	7.07 dB 👄 F	5 2402N	/Hz An ^z Mode /	Auto FFT	lopping	Emiss 2.402	-4.07 dBm 05000 GHz 55.13 dBm
Ba Spectrun Ref Level Att SGL Count SGL Count ID dBm 0 dBm -10 dBm -20 dBm	nd Edg 20.00 dBm 30 dB 100/100	Offset 7 SWT 22	7.07 dB 👄 F	5 2402N	/Hz An ^z Mode /	Auto FFT	lopping	Emiss 2.402	-4.07 dBm 05000 GHz 55.13 dBm
Ba Spectrun Ref Level Att SGL Count SGL Count ID dBm 0 dBm -10 dBm -20 dBm	nd Edg	Offset 7 SWT 22	7.07 dB 👄 F	5 2402N	/Hz An ^z Mode /	Auto FFT	lopping	Emiss 2.402	-4.07 dBm 05000 GHz 55.13 dBm
Ba Spectrun Ref Level Att SGL Count SGL Count 10 dBm- -10 dBm- -20 dBm-	nd Edg 20.00 dBm 30 dB 100/100	Offset 7 SWT 22	7.07 dB 👄 F	5 2402N	/Hz An ^z Mode /	Auto FFT	lopping	Emiss 2.402	-4.07 dBm 05000 GHz 55.13 dBm
Ba Spectrun Ref Level Att SGL Count PIPk Max 10 dBm- -10 dBm- -20 dBm- -30 dBm-	nd Edg 20.00 dBm 30 dB 100/100	Offset 7 SWT 22	2.07 dB ● F 27.5 μs ● V	5 2402N	/Hz An	Auto FFT 1[1] 2[1]		2.400	-4.07 dBm 05000 GHz 55.13 dBm 0000@;Hz
Ba Spectrun Ref Level Att SGL Count • 1Pk Max 10 dBm- -10 dBm- -20 dBm- -30 dBm- -40 dBm-	nd Edg 20.00 dBm 30 dB 100/100	Offset 7 SWT 22	2.07 dB	5 2402N	/Hz An	Auto FFT 1[1] 2[1]		2.400	-4.07 dBm 05000 GHz 55.13 dBm 0000@;Hz
Ba Spectrun Ref Level Att SGL Count PIPK Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	D1 -23.441	Offset 7 SWT 22	2.07 dB ● F 27.5 μs ● V	5 2402N	/Hz An	Auto FFT 1[1] 2[1]		2.400	-4.07 dBm 05000 GHz 55.13 dBm 0000@;Hz
Ba Spectrun Ref Level Att SGL Count © 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm	D1 -23.441	Offset 7 SWT 22	2.07 dB ● F 27.5 μs ● V	5 2402N	/Hz An	Auto FFT 1[1] 2[1]		2.400 2.400	-4.07 dBm 05000 GHz 55.13 dBm 0000819CHz
Ba Spectrun Ref Level Att SGL Count ID dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm -70 dBm -70 dBm Start 2.300 Marker	nd Edg 20.00 dBm 30 dB 100/100	Offset 7 ՏWT 22	2.07 dB 27.5 μs M4 M4	5 2402N	MHz An	Auto FFT 1[1] 2[1]		2.400	-4.07 dBm 05000 GHz 55.13 dBm 00000,GHz
Ba Spectrun Ref Level Att SGL Count SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm Stort 2.300 Marker Type Re M1	nd Edg 1 20.00 dBm 30 dB 100/100 D1 -23.441 400/00/00 D1 -23.441 400/00/00 D1 -23.441 400/00/00 D1 -23.441 400/00/00 D1 -23.441 400/00/00/00 D1 -23.441 400/00/00/00 D1 -23.441 400/00/00/00/00 D1 -23.441 400/00/00/00/00/00 D1 -23.441 400/00/00/00/00/00/00 D1 -23.441 400/00/00/00/00/00/00/00/00/00 D1 -23.441 400/00/00/00/00/00/00/00/00/00/00/00/00/	Offset 7 ՏWT 22 dBm	27.5 μs ×7.5	5 2402N	AHz An	Auto FFT 1[1] 2[1]		2.400 2.400	-4.07 dBm 05000 GHz 55.13 dBm 00000,GHz
Ba Spectrun Ref Level Att SGL Count SGL Count 9 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -70 dBm -70 dBm Start 2.300 Marker Type Re	nd Edg 20.00 dBm 30 dB 100/100 D1 -23.441	Offset 7 SWT 22 dBm dBm wyNdrup(4,40 2.4020 2.3	2.07 dB ● F 27.5 μs ● V М4	5 2402N	/Hz An	Auto FFT 1[1] 2[1]		2.400	-4.07 dBm 05000 GHz 55.13 dBm 00000,GHz



NTEK j	B C C C C C C C C C C C C C C C C C C C

Ref Le	trum evel 2	0.00 dBr			RBW 100 kHz					
Att SGL C	ount 1	30 di .00/100	B SWT	18.9 µs 👄	VBW 300 kHz	Mode A	uto FFT			
∋1Pk №	lax									
						M	1[1]		2 490	-4.19 dBm 01600 GHz
10 dBm									2.400	01000 GH2
0 dBm-					M	1				
-10 dBr						M				
-10 UBI	"									
-20 dBr	n					\rightarrow				
-30 dBi	n					-+				
-40 dBi										
-to ubi	"			~	$\sqrt{1}$					
-50 dBi	n			+			- \			
\sim	zh	\sim	m				$ \sim$	m	mm	mm
-60 dBi	n - 🌱		- ·	-						
-70 dBi										
-70 UBI	"									
CF 2.4					1001				0	n 8.0 MHz
GF 2.4		2			1001				apa	n o.u minz j
Spec		J Id Ed	ge NVN	NT 1-Dł	H5 2480M) no t1 No-	Hopping	e Emiss	ion
Speci Ref Le Att	trum evel 2	:0.00 dBr 30 di	n Offset	7.07 dB 👄	H5 2480N RBW 100 kHz VBW 300 kHz	1Hz An) Pe-	Hopping	Emiss	Ē
Spect Ref Le Att SGL C	trum e vel 2 ount 1	:0.00 dBr	n Offset	7.07 dB 👄	RBW 100 kHz	1Hz An		Hopping) Emiss	Ē
Spect Ref Le Att SGL C	trum e vel 2 ount 1	:0.00 dBr 30 di	n Offset	7.07 dB 👄	RBW 100 kHz	1Hz An		Hopping		-4.35 dBm
Speci Ref Le Att SGL C 1Pk M	trum evel 2 ount 1 lax	:0.00 dBr 30 di	n Offset	7.07 dB 👄	RBW 100 kHz	1Hz An Mode /	Auto FFT	Hopping	2.475	-4.35 dBm 85000 GHz
Spect Ref Le Att SGL C 1Pk M	trum evel 2 ount 1 lax	:0.00 dBr 30 di	n Offset	7.07 dB 👄	RBW 100 kHz	1Hz An Mode /	Auto FFT	Hopping	2.479	-4.35 dBm
Speci Ref Le SGL C 1Pk M 10 dBm 0 dBm	trum evel 2 ount 1 lax	:0.00 dBr 30 di	n Offset	7.07 dB 👄	RBW 100 kHz	1Hz An Mode /	Auto FFT	Hopping	2.479	-4.35 dBm 85000 GHz 56.27 dBm
Speci Ref Le SGL C 1Pk M 10 dBm 0 dBm	trum evel 2 ount 1 lax	:0.00 dBr 30 di	n Offset	7.07 dB 👄	RBW 100 kHz	1Hz An Mode /	Auto FFT	Hopping	2.479	-4.35 dBm 85000 GHz 56.27 dBm
Speci RefLa Att SGLC 1Pk M 10 dBm 0 dBm- -10 dBr	trum evel 2 ount 1 lax	20.00 dBr 30 dl .00/100	n Offset B SWT	7.07 dB 👄	RBW 100 kHz	1Hz An Mode /	Auto FFT	Hopping	2.479	-4.35 dBm 85000 GHz 56.27 dBm
Speci RefLa Att SGLC 1Pk M 10 dBm 0 dBm- -10 dBr	n	:0.00 dBr 30 di	n Offset B SWT	7.07 dB 👄	RBW 100 kHz	1Hz An Mode /	Auto FFT		2.479	-4.35 dBm 85000 GHz 56.27 dBm
Spect Ref Le SGL C 1Pk M 10 dBm -10 dBm -20 dBi -20 dBi	n	20.00 dBr 30 dl .00/100	n Offset B SWT	7.07 dB 👄	RBW 100 kHz	1Hz An Mode /	Auto FFT		2.479	-4.35 dBm 85000 GHz 56.27 dBm
Spect Ref Le SGL C 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	n	0.00 dBr 30 di 00/100	n Offset B SWT	7.07 dB 👄	RBW 100 kHz	1Hz An Mode /	Auto FFT		2.479	-4.35 dBm 85000 GHz 56.27 dBm
Spect Ref Le SGL C 1Pk M 10 dBm -10 dBm -20 dBi -20 dBi	n	0.00 dBr 30 dl 00/100	n Offset SWT	7.07 dB 👄	RBW 100 kHz VBW 300 kHz	1Hz An Mode /	Auto FFT		2.479	-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz
Spect Ref Le SGL C 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	n n n n n n n n n n n n n n n n n n n	0.00 dBr 30 di 00/100	n Offset SWT	7.07 dB • 227.5 µs •	RBW 100 kHz VBW 300 kHz	1Hz An Mode / M	Auto FF T 1[1] 2[1]		2.479	-4.35 dBm 85000 GHz 56.27 dBm
Spect Ref La Att SGL C IPk M 10 dBm -10 dBm -20 dBm -20 dBm -30 cBm -30 cBm -30 cBm -40 dBm -50 dBm	n	0.00 dBr 30 dl 00/100	n Offset SWT	7.07 dB • 227.5 µs •	RBW 100 kHz VBW 300 kHz	1Hz An Mode / M	Auto FF T 1[1] 2[1]		2.479	-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz
Spect Ref La Att SGL C SGL	by vel 2 oount 1 lax n n n n n n n n n n n	10.00 dBr 30 dl 00/100	n Offset SWT	7.07 dB • 227.5 µs •	RBW 100 kHz VBW 300 kHz	Mode /	Auto FF T 1[1] 2[1]		2.479 2.483	-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz
Spect Ref Le SGL C JIPk M 10 dBr -10 dBr -20 dBr -30 dBr -30 dBr -30 dBr -50 dBr -50 dBr -70 dBr -70 dBr -70 dBr	trum evel 2 oount 1 lax n n n NI2 N 2.476	10.00 dBr 30 dl 00/100	n Offset SWT	7.07 dB • 227.5 µs •	RBW 100 kHz VBW 300 kHz	Mode /	Auto FF T 1[1] 2[1]		2.479 2.483	-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz
Spect Ref Le Att SGL C 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -40 dBm	trum ount 1 lax n <t< td=""><td>0.00 dBr 30 dl 00/100 1 -24.16 M4 GHz</td><td>n Offset SWT</td><td>7.07 dB 227.5 µs</td><td>RBW 100 kHz VBW 300 kHz</td><td>Mode /</td><td>Auto FFT 1[1] 2[1]</td><td>Lat Howe to show to show to</td><td>2.479 2.483</td><td>-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz</td></t<>	0.00 dBr 30 dl 00/100 1 -24.16 M4 GHz	n Offset SWT	7.07 dB 227.5 µs	RBW 100 kHz VBW 300 kHz	Mode /	Auto FFT 1[1] 2[1]	Lat Howe to show to show to	2.479 2.483	-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz
Spect Ref La SGL C D IPk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -70 dBm Start 2 Marker Type M1	brum 2 ount 1 1 lax 1 n 0	0.00 dBr 30 dl 00/100 01 -24.18 M4 M4 GHz GHz	B Offset SWT	7.07 dB 227.5 μs 227.5 μs 4	RBW 100 kHz VBW 300 kHz VBW 300 kHz 100 1001 Y-value -4.35 dBr	1Hz An 	Auto FFT 1[1] 2[1]	Lat Howe to show to show to	2.479 2.483	-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz
Spect Ref La SGL C JIPk M 10 dBm 10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -40 dBm -40 dBm -55 dBm -70 dBm -7	rum ount 1 lax n	0.00 dBr 30 dl 00/100 1 -24.18 M4 M4 GHz	B Offset SWT	7.07 dB • 227.5 µs •	RBW 100 kHz VBW 300 kHz	1Hz An Mode / M M M M M M M M M M M M M	Auto FFT 1[1] 2[1]	Lat Howe to show to show to	2.479 2.483	-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz
Spect Ref Le SGL C 10 dBr 10 dBr 10 dBr -10 dBr -20 dBr -30 dBr -3	Image: sevel 2 ount 1 lax n n n n n n 2.476	0.00 dBr 30 dl 00/100 1 -24.18 M4 GHz GHz	m Offset B SWT	7.07 dB 227.5 µs 227.5 µs	RBW 100 kHz VBW 300 kHz	1Hz An Mode / M M M M M M	Auto FFT 1[1] 2[1]	Lat Howe to show to show to	2.479 2.483	-4.35 dBm 85000 GHz 56.27 dBm 50000 GHz



NTEK j	Ling ®	ACCREDITED Certificate #4298.01

-	rum	L							
Att		0.00 dB: 30 (00/100.			RBW 100 kHz VBW 300 kHz	Mode Auto FF1	г		
∋1Pk M		.50/ 100							
						M1[1]			-3.85 dBm
10 dBm	\rightarrow		_	_	_			2.402	17580 GHz
0 dBm-						M1			
					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m			
-10 dBn	n — —					<u>\</u>			
-20 dBn	n			_					
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CF 2.4	uz GF	12			1001	prs		spa	n 8.0 MHz
Spect		اللہ اللہ اللہ اللہ اللہ اللہ اللہ اللہ	lge NVI	NT 2-D	H5 2402N	IHz Ant1 N	o-Hopping	g Emissi	on
Spect Ref Le Att	rum vel 2	20.00 dE 30 (	m Offset	7.07 dB (	H5 2402N RBW 100 kHz VBW 300 kHz	2		g Emissi	
Spect Ref Le Att SGL Co	rum <b>vel</b> 2 ount 1	20.00 dE	m Offset	7.07 dB (	<b>RBW</b> 100 kHz	2		g Emissi	
Spect Ref Le Att	rum <b>vel</b> 2 ount 1	20.00 dE 30 (	m Offset	7.07 dB (	<b>RBW</b> 100 kHz	2			-4.18 dBm
Spect Ref Le Att SGL Co	vel 2 ount 1 ax	20.00 dE 30 (	m Offset	7.07 dB (	<b>RBW</b> 100 kHz	2 Mode Auto FF		2.402	-4.18 dBm 05000 GHz
Spect Ref Le Att SGL Co 1Pk M	vel 2 ount 1 ax	20.00 dE 30 (	m Offset	7.07 dB (	<b>RBW</b> 100 kHz	2 Mode Auto FF		2.402	-4.18 dBm
Spect Ref Le SGL Cc 1Pk M 10 dBm 0 dBm-	vel 2 ount 1 ax	20.00 dE 30 (	m Offset	7.07 dB (	<b>RBW</b> 100 kHz	2 Mode Auto FF		2.402	-4.18 dBm 05000 GHz 51.80 dBm
Spect Ref Le Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBn	n	20.00 dE 30 (	m Offset	7.07 dB (	<b>RBW</b> 100 kHz	2 Mode Auto FF		2.402	-4.18 dBm 05000 GHz 51.80 dBm
Spect Ref Le SGL Cc 1Pk M 10 dBm 0 dBm-	n	20.00 dE 30 (	m Offset	7.07 dB (	<b>RBW</b> 100 kHz	2 Mode Auto FF		2.402	-4.18 dBm 05000 GHz 51.80 dBm
Spect Ref Le Att SGL Cc 1Pk M 10 dBm 0 dBm- -10 dBn	n	20.00 dE 30 (	m Offset dB SWT	7.07 dB (	<b>RBW</b> 100 kHz	2 Mode Auto FF		2.402	-4.18 dBm 05000 GHz 51.80 dBm
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Spect Ref Le Att SGL Cc 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	n	20.00 dE 30 (	m Offset dB SWT	7.07 dB (	RBW 100 kH2 VBW 300 kH2	2 Mode Auto FF		2.402 - 2.400	-4.18 dBm 05000 GHz 51.80 dBm
Spect Ref Le SGL CC IPk M 10 dBm 0 dBm- -10 dBm -20 dBn -30 dBn	n Draw Draw Draw Draw Draw Draw Draw Draw	20.00 dE 30 (	51 dBm	7.07 dB 227.5 µs 4	RBW 100 kHz           VBW 300 kHz           M4	2 Mode Auto FF	T	2.402 2.400	-4.18 dBm 05000 GHz 51.80 dBm 00009,9£Hz
Spect Ref Le Att SGL Cc 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm		0.00 dE 30 ( 00/100	51 dBm	7.07 dB 227.5 µs 4	RBW 100 kHz           VBW 300 kHz           M4	2 Mode Auto FF	T	2.402 - 2.400	-4.18 dBm 05000 GHz 51.80 dBm 0000₽/£Hz
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Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2 Marker		0.00 dE 30 ( 00/100 1 -23.8 www.h/y GHz	51 dBm	7.07 dB 227.5 μs	RBW 100 kHz           VBW 300 kHz	2 2 Mode Auto FF M1[1] M2[1] 	T	2.402 - 2.400	-4.18 dBm 05000 GHz 51.80 dBm 00000,9Hz
Spect Ref Le Att SGL Cc 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2 Marker Type M1	rum vel 2 סעוד 1 ax	00,00 dE 30,00/100 1 -23.8 www.hy GHz	m Offset dB SWT	7.07 dB 227.5 μs	RBW 100 kHz           VBW 300 kHz           M4           M4 <td>2 2 Mode Auto FF 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</td> <td>T</td> <td>2.402 2.400 </td> <td>-4.18 dBm 05000 GHz 51.80 dBm 00000,9Hz</td>	2 2 Mode Auto FF 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	T	2.402 2.400 	-4.18 dBm 05000 GHz 51.80 dBm 00000,9Hz
Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm <b>Start 2</b> Marker Type	rum vel 2 סעוד 1 ax	0.00 dE 30 ( .00/100 1 -23.8 	m Offset dB SWT	7.07 dB 227.5 μs	RBW 100 kH2 VBW 300 kH2	2 2 Mode Auto FF 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	T	2.402 2.400 	-4.18 dBm 05000 GHz 51.80 dBm 00000,9Hz
Spect Ref Le Att SGL CC 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm <b>Start 2</b> Marker Type M1 M2	rum vel 2 סעוד 1 ax	0.00 dE 30 00/100 1 -23.8 00/100 01 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SI dBm	7.07 dB 227.5 μs	RBW 100 kH2 VBW 300 kH2 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	2 2 Mode Auto FF 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	T	2.402 2.400 	-4.18 dBm 05000 GHz 51.80 dBm 00000,9Hz



NTEK 北测 [®]	ACCREDITED Certificate #4298.01

		:0.00 dBi			RBW 100 kHz					
Att	unt 1	30 d .00/100	B SWT	18.9 µs 🧉	<b>VBW</b> 300 kHz	Z Mode A	uto FFT			
91Pk M		.00/100								
						M	1[1]			-4.29 dBm
									2.480	18380 GHz
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-50 dBn	<u>⊣</u> _ר			pe	N		M		ļ	
<u>^</u>			Jana-	And -			۳ ک	m.	N-^	
-60 dBn	~~ `	$\sim$							$1 \sim \sim \sim$	~~~~~
-70 dBn	η									
CF 2.4					100	l pts				in 8.0 MHz
01 2.4		-			100.	rpts			орс	110.0 14112
Spect	rum				H5 2480I		) Re t1 No-	Hopping	g Emiss	ion
Spect Ref Le Att	rum vel 2	:0.00 dBi 30 d	n Offset	7.07 dB (	H5 24801	łz	) Pr <u>t1 No</u> Auto FFT	etr 🚺	g Emiss	Ē
Spect Ref Le Att SGL Co	rum <b>vel</b> 2 ount 1	20.00 dBi	n Offset	7.07 dB (	<b>RBW</b> 100 kH	łz		Hopping	g Emiss	Ē
Spect Ref Le Att	rum <b>vel</b> 2 ount 1	:0.00 dBi 30 d	n Offset	7.07 dB (	<b>RBW</b> 100 kH	lz Iz Mode /	Auto FFT	Hopping	g Emiss	
Spect Ref Le Att SGL Co 1Pk M	rum vel 2 ount 1 ax	:0.00 dBi 30 d	n Offset	7.07 dB (	<b>RBW</b> 100 kH	lz Iz Mode /		Hopping		Ē
Spect Ref Le Att SGL Co	rum vel 2 ount 1 ax	:0.00 dBi 30 d	n Offset	7.07 dB (	<b>RBW</b> 100 kH	iz Mode ,	Auto FFT	Hopping	2.480	-4.31 dBm 015000 GHz -55.51 dBm
Spect Ref Le Att SGL Co 1Pk M	rum vel 2 ount 1 ax	:0.00 dBi 30 d	n Offset	7.07 dB (	<b>RBW</b> 100 kH	iz Mode ,	Auto FFT 1[1]	Hopping	2.480	-4.31 dBm 015000 GHz
Spect Ref Le Att SGL Co 1Pk M	rum vel 2 ount 1 ax	:0.00 dBi 30 d	n Offset	7.07 dB (	<b>RBW</b> 100 kH	iz Mode ,	Auto FFT 1[1]	Hopping	2.480	-4.31 dBm 015000 GHz -55.51 dBm
Spect Ref Le Att SGL Co 1Pk M 10 dBm 0 dBm- -10 dBm	rum vel 2 ount 1 ax	:0.00 dBi 30 d	n Offset	7.07 dB (	<b>RBW</b> 100 kH	iz Mode ,	Auto FFT 1[1]	Hopping	2.480	-4.31 dBm 015000 GHz -55.51 dBm
Spect Ref Le Att SGL Co 1Pk M 10 dBm 0 dBm-	rum vel 2 punt 1 ax	0.00 dBr 30 d	n Offset B SWT	7.07 dB (	<b>RBW</b> 100 kH	iz Mode ,	Auto FFT 1[1]	Hopping	2.480	-4.31 dBm 015000 GHz -55.51 dBm
Spect Ref Le Att SGL Co 1Pk M 10 dBm 0 dBm- -10 dBm	rum vel 2 punt 1 ax	:0.00 dBi 30 d	n Offset B SWT	7.07 dB (	<b>RBW</b> 100 kH	iz Mode ,	Auto FFT 1[1]	Hopping	2.480	-4.31 dBm 015000 GHz -55.51 dBm
Spect Ref Le Att SGL Co 1Pk M 10 dBm 0 dBm -10 dBm -20 cBm -30 dBm	rum vel 2 punt 1 ax	0.00 dBr 30 d	n Offset B SWT	7.07 dB (	<b>RBW</b> 100 kH	iz Mode ,	Auto FFT 1[1]	Hopping	2.480	-4.31 dBm 015000 GHz -55.51 dBm
Spect Ref Le Att SGL CC 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	rum vel 2 punt 1 ax	0.00 dBr 30 d	n Offset B SWT	7.07 dB (	<b>RBW</b> 100 kH	iz Mode ,	Auto FFT 1[1]	-Hopping	2.480	-4.31 dBm 015000 GHz -55.51 dBm
Spect Ref Le Att SGL Co 1Pk M 10 dBm 0 dBm -10 dBm -20 cBm -30 dBm	rum vel 2 punt 1 ax	10.00 dBi 30 d 00/100	n Offset B SWT	7.07 dB ( 227.5 μs (	RBW 100 kH	12 12 Mode / M M	Auto FF T 1[1] 2[1]		2.480	-4.31 dBm 015000 GHz 55.51 dBm 050000 GHz
Spect Ref Le Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	rum vel 2 pount 1 ax	0.00 dBr 30 d	n Offset B SWT	7.07 dB ( 227.5 μs (	<b>RBW</b> 100 kH	12 12 Mode / M M	Auto FF T 1[1] 2[1]	Hopping	2.480	-4.31 dBm 015000 GHz -55.51 dBm
Spect Ref Le Att SGL CC 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	rum vel 2 pount 1 ax	10.00 dBi 30 d 00/100	n Offset B SWT	7.07 dB ( 227.5 μs (	RBW 100 kH	12 12 Mode / M M	Auto FF T 1[1] 2[1]		2.480	-4.31 dBm 015000 GHz 55.51 dBm 050000 GHz
Spect Ref Le Att SGL Cc 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	rum vel 2 punt 1 ax	10.00 dBi 30 d 00/100	n Offset B SWT	7.07 dB ( 227.5 μs (	RBW 100 kH	12 12 Mode / M M	Auto FF T 1[1] 2[1]		2.480	-4.31 dBm 015000 GHz 55.51 dBm 050000 GHz
Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm	rum vel 2 ount 1 ax	10.00 dB4 30 d .00/100	n Offset B SWT	7.07 dB ( 227.5 μs (	RBW 100 k+     VBW 300 k+	Iz Mode /	Auto FF T 1[1] 2[1]		2.480 2.480	-4.31 dBm 115000 GHz 55.51 dBm 50000 GHz
Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2	rum vel 2 ount 1 ax	10.00 dB4 30 d .00/100	n Offset B SWT	7.07 dB ( 227.5 μs (	RBW 100 k+     VBW 300 k+	12 12 Mode / M M	Auto FF T 1[1] 2[1]		2.480 2.480	-4.31 dBm 015000 GHz 55.51 dBm 050000 GHz
Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm Start 2 Marker	rum vel 2 bunt 1 ax	0.00 dBi 30 d 00/100 11 -24.28	m Offset B SWT	7.07 dB ( 227.5 μs (	RBW 100 k-	12 12 Mode / M M M M M M M M M M M M M	Auto FF T 1[1] 2[1]		2.480	-4.31 dBm 015000 GHz 55.51 dBm 250000 GHz
Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm Start 2	rum vel 2 bunt 1 ax	10.00 dB4 30 d .00/100	n Offset B SWT	7.07 dB ( 227.5 μs (	RBW 100 k+     VBW 300 k+	اع Mode / ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲	Auto FF T 1[1] 2[1]		2.480 2.480	-4.31 dBm 015000 GHz 55.51 dBm 250000 GHz
Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm <b>Start 2</b> Marker Type M1 M2	rum vel 2 bunt 1 ax	0.00 dB4 30 d .00/100 11 -24.26 44 GHz GHz 1 1	N Offset B SWT	7.07 dB ( 227.5 µs ( ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )	RBW 100 k+     VBW 300 k+     VBW 300 k+     VBW 300 k+     IOU     IOU     IOU     IOU     IOU     -4.31 dt     -55.51 dt	12 12 Mode / M M M M M M M M M M M M M	Auto FF T 1[1] 2[1]		2.480	-4.31 dBm 015000 GHz 55.51 dBm 250000 GHz
Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -40 dBm -50 dBm -70 dBm -70 dBm <b>Start 2</b> Marker Type M1 M2 M3	rum vel 2 bunt 1 ax	0.00 dBa 30 d 00/100 1 -24.28 44 GHz GHz 1 1	M3 X-vall 2.48 2.48	7.07 dB ( 227.5 μs ( 227.5 μs ( 227.5 μs ( 227.5 μs ( 227.5 μs ( 25.5 GHz ( 2.5 GHz (	RBW 100 k+     VBW 300 k+     V	12 12 Mode / M M M M M M M M M M M M M	Auto FF T 1[1] 2[1]		2.480	-4.31 dBm 015000 GHz 55.51 dBm 250000 GHz
Spect Ref Le Att SGL CC 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm <b>Start 2</b> Marker Type M1 M2	rum vel 2 bunt 1 ax	0.00 dB4 30 d .00/100 11 -24.26 44 GHz GHz 1 1	M3 X-vall 2.48 2.48	7.07 dB ( 227.5 µs ( ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )	RBW 100 k+     VBW 300 k+     VBW 300 k+     VBW 300 k+     IOU     IOU     IOU     IOU     IOU     -4.31 dt     -55.51 dt	12 12 Mode / M M M M M M M M M M M M M	Auto FF T 1[1] 2[1]		2.480	-4.31 dBm 015000 GHz 55.51 dBm 250000 GHz

# NTEK 北测®

# 8.8 BAND EDGE(HOPPING)

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Condi	ition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVN	ΝT	1-DH5	2402	Ant1	Hopping	-47.8	-20	Pass
NVN	ΝT	1-DH5	2480	Ant1	Hopping	-45.64	-20	Pass
NVN	ΝT	2-DH5	2402	Ant1	Hopping	-46.37	-20	Pass
NVN	ΝT	2-DH5	2480	Ant1	Hopping	-45.35	-20	Pass

ACCREDITED

## Report No.: S22060101201001



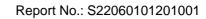
Spectrum	J	e(Hoppi	J/ ···						
Ref Level 2 Att				<b>BW</b> 100 kHz <b>BW</b> 300 kHz					
SGL Count 8				GIN GOU KHZ	mode A				
∋1Pk Max									
					M	1[1]		0.40	-2.95 dBm 1584420 GHz
10 dBm								2.40	JJ84420 GH2
0 dBm									M1
				~~	5	m	m	<hr/>	y M
-10 dBm									$\mathbf{X}$
-20 dBm								<u>,</u>	
-30 dBm									
-40 dBm									
			~^	/					
-50 dBm	~ ~ ~ ~	hard	$\mathcal{N}^{\sim}$						
-60 dBm	~~~ ·V~	~~~							
-70 dBm									
Band E	)( Edge(l	Hopping	) NVN	1001 [ 1-DH5		〕 ∕IHz An	t1 Hopp		
Band E	Constant () Edge() 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 👄 F		5 2402N	) Peni MHz An Auto FFT	t1 Hopp		nission
Band E Spectrum Ref Level 2 Att SGL Count 1	Constant () Edge() 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 👄 F	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp		nission
Band E Spectrum Ref Level 2 Att SGL Count 1 PPk Max	Constant () Edge() 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 👄 F	T 1-DH5	2402N 2 Mode		t1 Hopp	bing Er	nission
Band E Spectrum Ref Level 2 Att SGL Count 1 PPk Max	Constant () Edge() 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 👄 F	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp	bing Er	-3.81 dBm 395000 GHz -55.26 dBm
Band E Spectrum Ref Level 2 Att SGL Count 1 1Pk Max 10 dBm	Constant () Edge() 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 👄 F	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp	bing Er	nission
Band E Spectrum Ref Level 2 Att SGL Count 1 1Pk Max 10 dBm	Constant () Edge() 20.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 👄 F	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp	bing Er	-3.81 dBm 395000 GHz -55.26 dBm
Band E Spectrum Ref Level 2 Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm	Co.00 dBm 30 dB	Offset 7 SWT 22	.07 dB 👄 F	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp	bing Er	-3.81 dBm 395000 GHz -55.26 dBm
Band E Spectrum Ref Level 2 Att SGL Count 1 PIPk Max 10 dBm 0 dBm -10 dBm	Co.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB 👄 F	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp	bing Er	-3.81 dBm 395000 GHz -55.26 dBm
Band E Spectrum Ref Level 2 Att SGL Count 1 ID dBm 0 dBm -10 dBm -20 dBm	Co.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB 👄 F	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp	bing Er	-3.81 dBm 395000 GHz -55.26 dBm
Spectrum Ref Level 2 Att SGL Count 1 PIPk Max 10 dBm -10 dBm -20 dBm -30 dBm	Co.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB ● F 7.5 μs ● N	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp	2.40 2.40	-3.81 dBm 0395000 GHz -55.26 dBm 0000000 GHz
Band E Spectrum Ref Level 2 Att SGL Count 1 PIPk Max 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	Co.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB	T 1-DH5	2402N 2 Mode	Auto FFT	t1 Hopp	2.40	-3.81 dBm 395000 GHz -55.26 dBm
Band E Spectrum Ref Level 2 Att SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Co.00 dBm 30 dB 1200/1200	Offset 7 SWT 22	.07 dB ● F 7.5 μs ● N	T 1-DH5	2402N 2 Mode	Auto FFT	the theory of the second secon	2.40 2.40	-3.81 dBm 0395000 GHz -55.26 dBm 0000000 GHz
Band E Spectrum Ref Level 2 Att SGL Count 1 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm	D1 -22.95	Offset 7 SWT 22	.07 dB ● F 7.5 μs ● N	Т 1-DH5 ве 100 кн уве 300 кн	2402N	Auto FFT		2.40 2.40	-3.81 dBm 000000 GHz -55.26 dBm 0000000 GHz
Band E Spectrum Ref Level 2 Att SGL Count 1 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -70 dBm -70 dBm -70 dBm	D1 -22.95	Offset 7 SWT 22	.07 dB ● F 7.5 μs ● N	T 1-DH5	2402N	Auto FFT		2.40 2.40	-3.81 dBm 0395000 GHz -55.26 dBm 0000000 GHz
Band E Spectrum Ref Level 2 Att SGL Count 1 PIPk Max 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	Co. 00 dBm 30 dB 1200/1200 01 -22.950	Offset 7 SWT 22	.07 dB ● F 7.5 μs ● N Μα Μα	T 1-DH5	2 2 2 3 3 4 0 2 4 0 2 3 4 0 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4	Auto FFT		2.40 2.40	-3.81 dBm 395000 GHz -55.26 dBm 000000 GHz
Band E Spectrum Ref Level 2 Att SGL Count 1 IPk Max 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -40 dBm -50 dBm -50 dBm -70	Edge(H 20.00 dBm 30 dB 1200/1200 01 -22.950 01 -22.950 GHz I Trc 1	Offset 7 SWT 22	.07 dB • F 7.5 μs • Υ	Т 1-DH5 28 w 100 kH /вw 300 kH /ви 300	2 2 3 3 4 0 2 4 0 2 3 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Auto FFT		2.40 2.40 2.40 2.40	-3.81 dBm 395000 GHz -55.26 dBm 000000 GHz
Band E Spectrum Ref Level 2 Att SGL Count 1 ID dBm O dBm O dBm O dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -70 dBm -	Edge(l 20.00 dBm 30 dB 1200/1200 01 -22.950 01 -22.950 01 -22.950 01 -21 -22.950 01 -121 -22.950 01 -22.9500 01 -22.9500 01 -22.9500 01 -22.9500 01 -2	Offset 7 SWT 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.07 dB 7.5 μs	T 1-DH5	2 2 3 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4	Auto FFT		2.40 2.40 2.40 2.40	-3.81 dBm 395000 GHz -55.26 dBm 000000 GHz
Band E Spectrum Ref Level 2 Att SGL Count 1 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70	Contraction of the second seco	Offset 7 SWT 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.07 dB 7.5 μs N M M M M M M M M M M M M M	T 1-DH5	2 2 3 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4	Auto FFT		2.40 2.40 2.40 2.40	-3.81 dBm 395000 GHz -55.26 dBm 000000 GHz



Att 30 dB SGL Count 8000/8000	SWT 18.9 µs 👄	RBW 100 kHz VBW 300 kHz	Mode Auto FFT		
●1Pk Max			M1[1]		-7.20 dBm
10 dBm				2.47	701100 GHz
0 dBm1					
-10 dBm		$\sim$	<u></u>		
-20 dBm			1 I		
-20 0000			$\mathbf{X}$		
-30 dBm			$\rightarrow$		
-40 dBm	ļ				
-50 dBm			- Min	hand	1 mm
-60 dBm	<u> </u>				<b></b>
70 10-					
-70 dBm					
CF 2.48 GHz		1001 pt	s	Sp	an 8.0 MHz
SGL Count 1200/1200	<b>SWT</b> 227.5 μs 🧉		Mode Auto FFT		
●1Pk Max			M1[1]		-7.61 dBm
● 1Pk Max 10 dBm					605000 GHz
-			M1[1] M2[1]		
10 dBm					605000 GHz -54.41 dBm
10 dBm					605000 GHz -54.41 dBm
10 dBm	3 dBm				605000 GHz -54.41 dBm
10 dBm	3 dBm				605000 GHz -54.41 dBm
10 dBm 0 dBm 10 dBm 10 dBm 20 dBm -20 dBm -30 cBm D1 -27,198	мз			2.48	605000 GHz -54.41 dBm 350000 GHz
10 dBm 0 dBm 10 dBm 10 dBm 120 dBm -20 dBm -30 cBm -40 cBm -50 dBm ⁻¹ -50 dBm ⁻¹ -50 dBm ⁻¹ -50 dBm ⁻¹ -50 dBm -127.198				2.48	605000 GHz -54.41 dBm 350000 GHz
10 dBm 0 dBm 10 dBm 10 dBm 20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	мз		M2[1]	2.48	605000 GHz -54.41 dBm 350000 GHz
10 dBm 0 dBm 10 dBm 10 dBm 120 dBm -20 dBm -30 cBm -40 cBm -50 dBm ⁻¹ -50 dBm ⁻¹ -50 dBm ⁻¹ -50 dBm ⁻¹ -50 dBm -127.198	мз		M2[1]	2.48	605000 GHz -54.41 dBm 350000 GHz
10 dBm 0 dBm 10 dBm	мз		M2[1]	2.48	605000 GHz -54.41 dBm 350000 GHz
10 dBm 0 dBm 10 dBm	M3	1001 pt Y-value	M2[1]	2.48	605000 GHz -54.41 dBm 350000 GHz
10 dBm 0 dBm 10 dBm 10 dBm 20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	M3 John My Market Market	1001 pt	M2[1]	2.48	605000 GHz -54.41 dBm 350000 GHz



Ref Level : Att SGL Count :	30 d	B <b>SWT</b> 18		<b>RBW</b> 100 kHz V <b>BW</b> 300 kHz	Mode Au	ito FFT			
●1Pk Max					M1	[1]			-3.16 dBm
10 dBm							1	2.40	502100 GHz
0 dBm				-	<u>.</u>	00	a . 0	M1	
-10 dBm				- mm	"har	m	~~~~	~~~~	har
-20 dBm									
-20 0811									
-30 dBm									
-40 dBm									
E0 db			لمم						
-50 dBm	~~~~~	m	$\sim$						
-60 dBm									
-70 dBm									
				1					1 I
CF 2.402 G Band I Spectrum	][ Edge(	Hopping			2402M	Peer IHz Ant	t1 Hopp		an 8.0 MHz
CF 2.402 G Band I Spectrum	Edge( 20.00 dBr 30 d	n Offset 7 B SWT 22	.07 dB 👄	T 2-DH5	2402M		t1 Hopp		nission
CF 2.402 G Band I Spectrum Ref Level 3 Att	Edge( 20.00 dBr 30 d	n Offset 7 B SWT 22	.07 dB 👄	T 2-DH5 RBW 100 kH2	2402M 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	uto FFT	t1 Hopp		nission
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count	Edge( 20.00 dBr 30 d	n Offset 7 B SWT 22	.07 dB 👄	T 2-DH5 RBW 100 kH2	2402M 2 Mode A M1	uto FFT	t1 Hopp	2.403	nission
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count • 1Pk Max	Edge( 20.00 dBr 30 d	n Offset 7 B SWT 22	.07 dB 👄	T 2-DH5 RBW 100 kH2	2402M 2 Mode A M1	uto FFT	t1 Hopp	2.403	nission
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count 9 IPk Max 10 dBm	Edge( 20.00 dBr 30 d	n Offset 7 B SWT 22	.07 dB 👄	T 2-DH5 RBW 100 kH2	2402M 2 Mode A M1	uto FFT	t1 Hopp	2.403	-3.66 dBm 315000 GHz -55.29 dBm
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count •1Pk Max 10 dBm -10 dBm -20 dBm	][ Edge( 20.00 dBr 30 dl 1200/120	n Offset 7 B SWT 22 D	.07 dB 👄	T 2-DH5 RBW 100 kH2	2402M 2 Mode A M1	uto FFT	t1 Hopp	2.403	-3.66 dBm -3.66 dBm 315000 GHz -55.29 dBm 000000 GHz
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count •1Pk Max 10 dBm -10 dBm -20 dBm	Edge( 20.00 dBr 30 d	n Offset 7 B SWT 22 D	.07 dB 👄	T 2-DH5 RBW 100 kH2	2402M 2 Mode A M1	uto FFT	t1 Hopp	2.403	-3.66 dBm -3.66 dBm 315000 GHz -55.29 dBm 000000 GHz
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count •1Pk Max 10 dBm -10 dBm -20 dBm	][ Edge( 20.00 dBr 30 dl 1200/120	n Offset 7 B SWT 22 D	.07 dB 👄	T 2-DH5 RBW 100 kH2	2402M 2 Mode A M1	uto FFT	t1 Hopp	2.403	-3.66 dBm -3.66 dBm 315000 GHz -55.29 dBm 000000 GHz
CF 2.402 G Band B Spectrum Ref Level 3 Att SGL Count • 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -40 dBm	][ Edge( 20.00 dBr 30 dl 1200/120	n Offset 7 B SWT 22 D	.07 dB 7.5 μs 	T 2-DH5	2402M	uto FFT [1] 2[1]		2.400	-3.66 dBm 315000 GHz -55.29 dBm 000000 GHz
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count • 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	)[	n Offset 7 B SWT 22 D	.07 dB 7.5 μs 	T 2-DH5	2402M	uto FFT [1] 2[1]	Methonewa	2.400	-3.66 dBm 315000 GHz -55.29 dBm 000000 GHz
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count •10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm	)[	n Offset 7 B SWT 22 D	.07 dB 7.5 μs 	T 2-DH5	2402M	uto FFT [1] 2[1]		2.400	-3.66 dBm 315000 GHz -55.29 dBm 000000 GHz
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count •10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm	D1 -23.16	n Offset 7 B SWT 22 D	.07 dB 7.5 μs 		2402M	uto FFT [1] 2[1]		2.400	-3.66 dBm 315000 GHz -55.29 dBm 000000 GHz -55.29 dBm
CF 2.402 G Band I Spectrum Ref Level 3 Att SGL Count • 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -70 dBm -70 dBm -70 dBm	D1 -23.16	n Offset 7 B SWT 22 D	.07 dB 7.5 μs 	T 2-DH5	2402M	uto FFT [1] 2[1]		2.400	-3.66 dBm 315000 GHz -55.29 dBm 000000 GHz
CF 2.402 G Spectrum Ref Level 3 Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm -70 dBm Type Ref	) [ Edge( 20.00 dBr 30 dl 1200/120 D1 -23.16 	n Offset 7 B SWT 22 0	.07 dB 7.5 μs M4	T 2-DH5	2402M	uto FFT	Methinson	2.400	a.3.66 dBm -3.66 dBm 315000 GH2 -55.29 dBm 000000 (GH2 -55.29 dBm 000000 (GH2 -55.29 dBm 000000 (GH2 -3.66 dBm 2.406 GHz
CF 2.402 G Spectrum Ref Level 3 Att SGL Count • 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -70 dBm -70 dBm Start 2.306 Marker	D1 -23.16	n Offset 7 8 SWT 22 0 3 3 dBm 3 dBm 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.07 dB 7.5 μs M4	T 2-DH5	2402M	uto FFT	Methinson	2.400 2.400	a.3.66 dBm -3.66 dBm 315000 GH2 -55.29 dBm 000000 (GH2 -55.29 dBm 000000 (GH2 -55.29 dBm 000000 (GH2 -3.66 dBm 2.406 GHz



NTEK	北测®	CENTRA ACCREDITED Certificate #4298.01

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peer	rum												
Att		20.00 c 30 3000/8	dB SY			RBW 100 kH VBW 300 kH		Mode Au	uto FFT				
1Pk M													
								M	L[1]				7.31 dBm
0 dBm	-						_			+		.4801	.7580 GHz
dBm–							M1				_		
la dBn				$\sim \Lambda$	M		hÃ						
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20 dBn	∩—						+	$\rightarrow$			_		
o do-													
30 dBn													
+0 dBn	∩—					_	+						
									1.				
50 dBn	∩ —†						$\top$		<u>`</u> M`		han		
i0 dBn	n_					_	_				_		
70 dBn	n-+						+						
F 2.4	8 GH	z				100	)1 pts	;				Span	8.0 MHz
pect	rum					IT 2-DH		480N	IHz Ar	nt1 Hop	ping E	Emi	ssion
pect Ref Le	rum vel 2	20.00 d 30	IBm Of dB SY	ifset 7	.07 dB 🧉	NT 2-DH RBW 100 k VBW 300 k	:Hz			nt1 Hop	ping E	Emi	Ē
pect Ref Le Att GGL Co	vel 2	20.00	IBm Of dB SY	ifset 7	.07 dB 🧉	<b>RBW</b> 100 k	:Hz			nti Hop	ping E	Emi	Ē
pect Ref Le Att GGL Co	vel 2	20.00 d 30	IBm Of dB SY	ifset 7	.07 dB 🧉	<b>RBW</b> 100 k	:Hz	Mode A		nt1 Hop			8.86 dBm
pect Ref Le Att GGL Co 1Pk M	vel 2 ount : ax	20.00 d 30	IBm Of dB SY	ifset 7	.07 dB 🧉	<b>RBW</b> 100 k	:Hz	Mode A	uto FFT	nt1 Hop		- .4770	
pect Ref Le Att	vel 2 ount : ax	20.00 d 30	IBm Of dB SY	ifset 7	.07 dB 🧉	<b>RBW</b> 100 k	:Hz	Mode A	uto FFT	nt1 Hop	2.	- .4770 -5	8.86 dBm 5000 GHz
Gef Le Att GGL Co 1Pk M 0 dBm dBm-	ount :	20.00 d 30	IBm Of dB SY	ifset 7	.07 dB 🧉	<b>RBW</b> 100 k	:Hz	Mode A	uto FFT	nt1 Hop	2.	- .4770 -5	8.86 dBm 5000 GH2 i4.28 dBm
Cef Le SGL Co 1Pk M 0 dBm dBm-	ovel 2 ount : ax	20.00 d 30	IBm Of dB SY	ifset 7	.07 dB 🧉	<b>RBW</b> 100 k	:Hz	Mode A	uto FFT	nt1 Hop	2.	- .4770 -5	8.86 dBm 5000 GH2 i4.28 dBm
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Spect Ref Le SGL Co 1Pk M 0 dBm dBm- 0 dBm 20 cBn 30 aBn	n	20.00 0	IBm Of dB S1 200	ffset 7 WT 22	.07 dB 🧉	<b>RBW</b> 100 k	:Hz	Mode A	uto FFT	ht1 Hop	2.	- .4770 -5	8.86 dBm 5000 GHz i4.28 dBm
GEL CC Att GGL CC 1PK M 0 dBm 0 dBm	n n	20.00 0	Bm Of dB S1 200 312 dBm	ifset 7 WT 22	.07 dB 🧉	<b>RBW</b> 100 k	:Hz	Mode A	uto FFT		2.	- .4770 -5	8.86 dBm 5000 GHz i4.28 dBm
GEL CC Att GGL CC 1PK M 0 dBm 0 dBm	n n	20.00 0	Bm Of dB S1 200 312 dBm	ffset 7 WT 22	.07 dB 🧉	RBW 100 k     VBW 300 k	:Hz	Mode A	uto FFT		2.		8.86 dBm 5000 GHz i4.28 dBm
Contraction of the second seco		20.00 0	Bm Of dB S1 200 312 dBm	ifset 7 WT 22	.07 dB 7.5 µs	RBW 100 k     VBW 300 k	:Hz	Mode A	uto FFT		2.		8.86 dBm 5000 GHz i4.28 dBm
GGL CC GGL CC 1Pk M 0 dBm- 0 dBm- 10 dBm-		20.00 0	Bm Of dB S1 200 312 dBm	ifset 7 WT 22	.07 dB 7.5 µs	RBW 100 k     VBW 300 k	:Hz	Mode A	uto FFT		2.		8.86 dBm 5000 GHz i4.28 dBm
Contractions of the second sec		20.00 c 30 1200/1	Bm Of dB S1 200 312 dBm	ifset 7 WT 22	.07 dB 7.5 µs	RBW 100 k     VBW 300 k	Hz Hz	Mode A	uto FFT		2. 2.		8.86 dBn (5000 GH; (4.28 dBn (0000 GH;
Contractions of the second sec		20.00 c 30 1200/1	Bm Of dB S1 200 312 dBm	ifset 7 WT 22	.07 dB 7.5 µs	RBW 100 k     VBW 300 k	:Hz	Mode A	uto FFT		2. 2.		8.86 dBm 5000 GHz i4.28 dBm
Fpect Ref Le Att GGL CC 1Pk M 0 dBm- 0 dBm- 10	רעשייי אין אין אין אין אין אין אין אין אין אין	20.00 c 30 31200/1	Bm Ot dB S1 200 312 dBm	ffset 7 WT 22	.07 dB 7.5 μs	RBW 100 k     VBW 300 k	Hz Hz J J J J J J J J J J J	Mode A	uto FF T [[1] 2[1]		2. 2.		8.86 dBn (5000 GH; (4.28 dBn (0000 GH;
CP et le Ref Le SGL CC 1Pk M dBm- dBm- co dBm 20 dBm 20 dBm 30 dBm 30 dBm 30 dBm 30 dBm 30 dBm 30 dBm 40 dB	רעשייי אין אין אין אין אין אין אין אין אין אין	20.00 c 30 1200/1	Bm Ot dB S1 200 312 dBm	ffset 7 WT 22	.07 dB 7.5 μs	RBW 100 k     VBW 300 k	Hz Hz D1 pts	Mode A 	uto FF T [[1] 2[1]		2. 2. 		8.86 dBn (5000 GH; (4.28 dBn (0000 GH;
Ppect Ref Le SGL Cc 1Pk M 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm 40 dBm	רעשייי אין אין אין אין אין אין אין אין אין אין	C20.00 o 30 1200/1 01 -27 GHz GHz I 1 1 1	Bm Ot dB S1 200 312 dBm	ffset 7 WT 22	.07 dB 7.5 µs 	RBW 100 k     VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 300 k      VBW 30	Hz Hz D1 pts	Mode A 	uto FF T [[1] 2[1]		2. 2. 		8.86 dBn (5000 GH; (4.28 dBn (0000 GH;
Fpect Le Ref Le SGL Cc 1Pk M 0 dBm dBm- 10 dBm 20 dBm 20 dBm 30 dBm 40 dBn 40 dBn 50 dBn 50 dBn 50 dBn 50 dBn 40 d	רעשייי אין אין אין אין אין אין אין אין אין אין	CHZ C0.00 (c 30 30 1200/1	Bm Ot dB S1 200 312 dBm	ffset 7 WT 22	.07 dB 7.5 μs 	RBW 100 k     VBW 300 k	Hz Hz D1 pts	Mode A 	uto FF T [[1] 2[1]		2. 2. 		8.86 dBn (5000 GH; (4.28 dBn (0000 GH;



# NTEK 北测

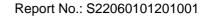
### 8.9 CONDUCTED RF SPURIOUS EMISSION

0.3 CONDUCT						
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-39.45	-20	Pass
NVNT	1-DH5	2441	Ant1	-37.02	-20	Pass
NVNT	1-DH5	2480	Ant1	-36.98	-20	Pass
NVNT	2-DH5	2402	Ant1	-37.62	-20	Pass
NVNT	2-DH5	2441	Ant1	-35.86	-20	Pass
NVNT	2-DH5	2480	Ant1	-33.79	-20	Pass

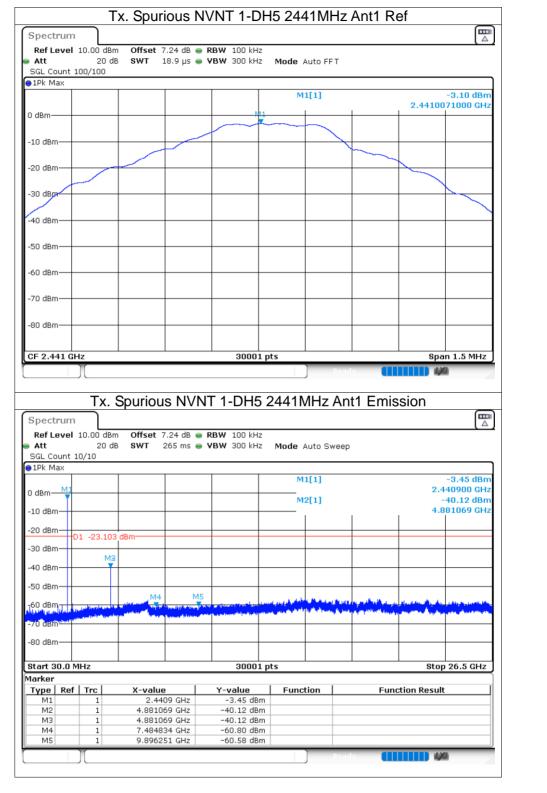


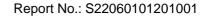
#### Report No.: S22060101201001

Spectrum					02MHz			
Ref Level 10.00 d	Bm Offset 7	7.07 dB 👄	<b>RBW</b> 100 kH	z				
Att 20	dB SWT				Auto FFT			
SGL Count 100/100 1Pk Max								
				M	1[1]			-4.06 dBm
0 dBm				<b></b>	I	+	2.40203	177990 GHz
				M1 X	-			
-10 dBm								
-20 dBm								
-20 UBIN								
-30 dBm								
40 dBm								
-50 dBm								
-60 dBm								
-70 dBm								
-80 dBm								
Tx	. Spuriou	IS NVN	3000 IT 1-DH5		) Peo MHz Ar	nt1 Emis		
Spectrum Ref Level 10.00 d	Bm Offset 7	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021				
Tx Spectrum Ref Level 10.00 d	Bm Offset 7	7.07 dB 👄	IT 1-DHt	5 24021	) Doo MHz Ar Auto Sweep			
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10	Bm Offset 7	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep			
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 1Pk Max	Bm Offset 7	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode			sion	
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 1Pk Max 0 dBm M1	Bm Offset 7	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz -43.51 dBm
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 IPk Max 0 dBm 1 -10 dBm	Bm Offset 7	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 PIPK Max 0 dBm 1 -10 dBm20 dBm D1 -24.0	Bm Offset 7 dB SWT	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz -43.51 dBm
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 1Pk Max 0 dBm 1 -10 dBm	Bm Offset 7 dB SWT	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz -43.51 dBm
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 9 IPk Max 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Bm Offset 7 dB SWT	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz -43.51 dBm
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 9 IPk Max 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Bm Offset 7 dB SWT	7.07 dB	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz -43.51 dBm
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 PIPK Max 0 dBm M1 -10 dBm	Bm Offset 7 dB SWT 9 57 dBm	7.07 dB 👄	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz -43.51 dBm
Tx           Spectrum           Ref Level 10.00 d           Att 20           SGL Count 10/10           1Pk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	Bm Offset 7 dB SWT	7.07 dB	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz -43.51 dBm
Tx           Spectrum           Ref Level 10.00 cl           Att         20           SGL Count 10/10           • IPk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	Bm Offset 7 dB SWT	7.07 dB	IT 1-DH5 RBW 100 KH	5 24021 ¹² Mode	Auto Sweep		ssion 2	-3.97 dBm 402070 GHz -43.51 dBm
Tx           Spectrum           Ref Level 10.00 d           Att         20           SGL Count 10/10           IPk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -80 dBm	Bm Offset 7 dB SWT	7.07 dB	IT 1-DHS RBW 100 kH VBW 300 kH	5 24021 ² Mode M	Auto Sweep		2 4.8	-3.97 dBm 402070 GHz -43.51 dBm 803423 GHz
Tx           Spectrum           Ref Level 10.00 d           Att 20           SGL Count 10/10           IPk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -80 dBm           -80 dBm           Start 30.0 MHz	Bm Offset 7 dB SWT	7.07 dB	IT 1-DH5 RBW 100 KH	5 24021 ² Mode M	Auto Sweep		2 4.8	-3.97 dBm 402070 GHz -43.51 dBm
Tx Spectrum Ref Level 10.00 d Att 20 SGL Count 10/10 IPK Max 0 dBm M1 -10 dBm	Bm Offset 7 dB SWT	7.07 dB  265 ms 265 ms	IT 1-DH5	5 24021	Auto Sweep		2 4.8	-3.97 dBm 402070 GHz -43.51 dBm 803423 GHz
Tx           Spectrum           Ref Level 10.00 d           Att         20           SGL Count 10/10           9 IPk Max           0 dBm         -10 dBm           -10 dBm         -20 dBm           -20 dBm         D1 -24.0           -30 dBm         -30 dBm           -50 dBm         -60 dBm           -80 dBm         -80 dBm           -80 dBm         -80 dBm           -80 dBm         -10 dBm	Bm Offset 7 dB SWT 7 57 dBm 57 dBm 12 57 dBm 12 57 dBm 57 dBm	7.07 dB  265 ms  265 ms  7.07 dB  7.07	IT 1-DH5 RBW 100 kH VBW 300 kH 	5 24021	Auto Sweep		2 4.1	-3.97 dBm 402070 GHz -43.51 dBm 803423 GHz
Tx           Spectrum           Ref Level 10.00 c           Att         20           SGL Count 10/10           IPk Max           0 dBm	Bm Offset dB SWT 57 dBm 57 dBm 24 57 dBm 57 d	7.07 dB 265 ms	IT 1-DH5 RBW 100 kH VBW 300 kH 	5 24021	Auto Sweep		2 4.1	-3.97 dBm 402070 GHz -43.51 dBm 803423 GHz
Tx           Spectrum           Ref Level 10.00 cl           Att         20           SGL Count 10/10           IPk Max           0 dBm         10           -10 dBm         -           -20 dBm         D1 -24.0           -30 dBm         -           -40 dBm         -           -50 dBm         -           -60 dBm         -           -80 dBm         -           Start 30.0 MHz         Marker           Type         Ref         Trc           M1         1         1	Bm Offset 7 dB SWT 7 57 dBm 57 dBm 12 57 dBm 12 57 dBm 12 57 dBm 12 57 dBm 12 57 dBm 12 57 dBm 13 57 dBm 13 57 dBm 14 57 dBm 57	7.07 dB  265 ms	IT 1-DH5 RBW 100 kH VBW 300 kH 	5 24021	Auto Sweep		2 4.1	-3.97 dBm 402070 GHz -43.51 dBm 803423 GHz

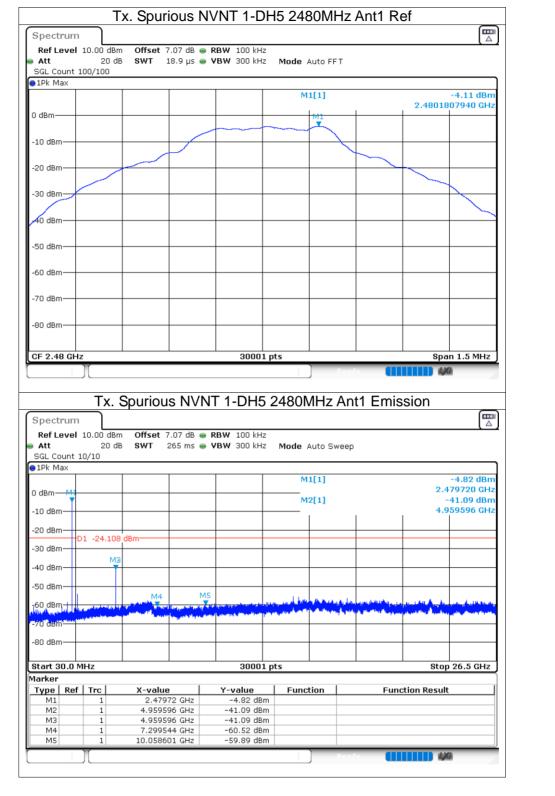




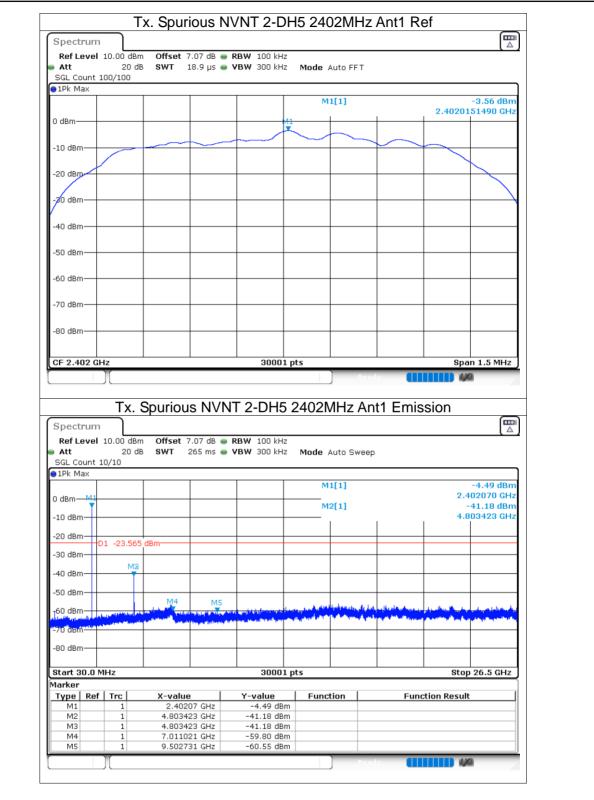




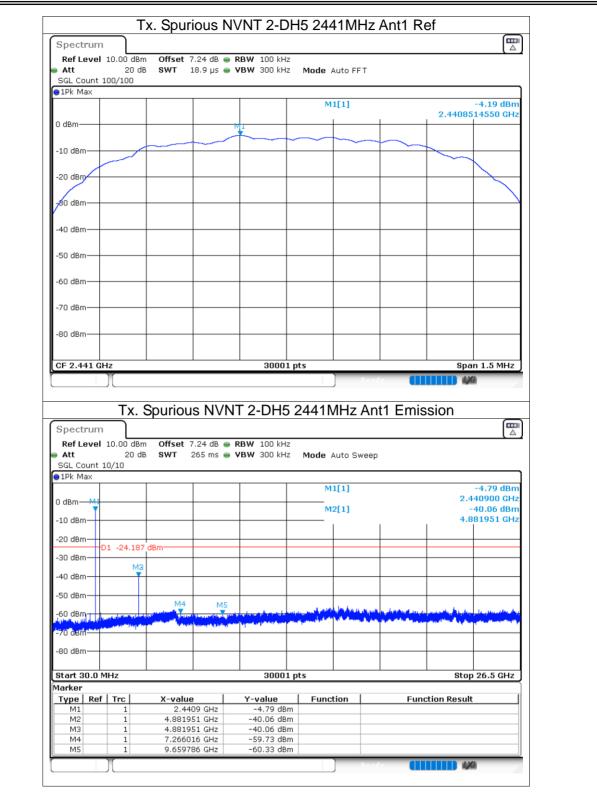














●1Pk Max				M1[1]		-4.75 dBm
0 dBm			M1		 2.47992	87020 GHz
-10 dBm				$\sim$	 	
-20 dBm						
-30 dBm						
-40 dBm						
-50 dBm						
-60 dBm						
-70 dBm						
-80 dBm						
-00 ubiii						
Tx. Spectrum Ref Level 10.00 dBr	m Offset 7	7.07 dB 👄 R	<b>RBW</b> 100 kHz	2480MHz A		1.5 MHz
Spectrum Ref Level 10.00 dBr	m Offset 7	7.07 dB 👄 R	T 2-DH5	2480MHz A	sion	
Tx. Spectrum Ref Level 10.00 dBr Att 20 d SGL Count 10/10	m Offset 7	7.07 dB 👄 R	T 2-DH5	2480MHz A Mode Auto Swe	ssion 2.4	-4.67 dBm 79720 GHz
Tx. Spectrum Ref Level 10.00 dBr Att 20 d SGL Count 10/10 1Pk Max	m Offset 7	7.07 dB 👄 R	T 2-DH5	2480MHz A	2.4	-4.67 dBm
Tx.           Spectrum           Ref Level 10.00 dBr           Att 20 d           SGL Count 10/10           IPk Max           0 dBm           -10 dBm           -20 dBm           D1 -24.753	m Offset 7 B SWT 2	7.07 dB 👄 R	T 2-DH5	2480MHz A Mode Auto Swe	2.4	-4.67 dBm 79720 GHz 38.54 dBm
Tx.           Spectrum           Ref Level           10.00 dBn           1Pk Max           0 dBm           -10 dBm           -20 dBm           D1 -24.75;           -30 dBm	m Offset 7 B SWT 2	7.07 dB 👄 R	T 2-DH5	2480MHz A Mode Auto Swe	2.4	-4.67 dBm 79720 GHz 38.54 dBm
Tx.           Spectrum           Ref Level 10.00 dBr           Att 20 d           SGL Count 10/10           1Pk Max           0 dBm           -10 dBm           -20 dBm           D1 -24.753           -30 dBm	m Offset 7 B SWT 2 2 dBm	7.07 dB	T 2-DH5	2480MHz A Mode Auto Swe	2.4	-4.67 dBm 79720 GHz 38.54 dBm
Tx.           Spectrum           Ref Level           10.00 dBr           10 dBr           -10 dBr           -20 dBr           -30 dBr           -40 dBr	m Offset 7 B SWT 2	7.07 dB 👄 R	T 2-DH5	2480MHz A Mode Auto Swe	2.4	-4.67 dBm 79720 GHz 38.54 dBm
Tx.           Spectrum           Ref Level           10.00 dBn           10 dBm           -10 dBm           -20 dBm           01 -24.753           -30 dBm           -50 dBm           -60 dBm	m Offset 7 B SWT 2 2 dBm 3	7.07 dB	T 2-DH5	2480MHz A	2.4	-4.67 dBm 79720 GHz 38.54 dBm
Tx.           Spectrum           Ref Level 10.00 dBr           Att 20 d           SGL Count 10/10           1Pk Max           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -50 dBm	m Offset 7 B SWT 2 2 dBm 3	7.07 dB	T 2-DH5	2480MHz A	2.4	-4.67 dBm 79720 GHz 38.54 dBm
Tx.           Spectrum           Ref Level           10.00 dBn           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -80 dBm           -80 dBm	m Offset 7 B SWT 2 2 dBm 3	7.07 dB	T 2-DH5	5 2480MHz A	2.4 	-4.67 dBm 79720 GHz 38.54 dBm
Tx.           Spectrum         Ref Level         10.00 dBa           Att         20 d         SGL Count 10/10         IPk Max           0 dBm         M1         0         IPk Max           0 dBm         M1         0         IPk Max           -10 dBm         -00 dBm         M1         0           -20 dBm         D1 -24.753         -30 dBm         M1           -30 dBm         -01 -24.753         -30 dBm         M1           -50 dBm         -01 -24.753         -30 dBm         -30 dBm           -60 dBm         -01 -24.753         -30 dBm         -30 dBm           -50 dBm         -01 -24.753         -30 dBm         -30 dBm           -50 dBm	m Offset 7 B SWT 2 2 dBm 2 dBm 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7.07 dB R 265 ms V 1 1 1 1 1 1 1 1 1 1 1 1 1	T 2-DH5	2480MHz A	2.4 	-4.67 dBm 79720 GHz 38.54 dBm 59596 GHz
Tx.           Spectrum           Ref Level 10.00 dBr           Att         20 d           SGL Count 10/10         IPk Max           0 dBm         Mi           -10 dBm         D1           -20 dBm         D1           -20 dBm         D1           -30 dBm         Mi           -60 dBm         Mi           -80 dBm         Mi           -80 dBm         Mi           Start 30.0 MHz         Marker           Type         Ref         Trc	m Offset 7 B SWT 2 2 dBm 2 dBm 3 3 X-value	7.07 dB P R 265 ms V V M5 72 GH2 96 GH2 31 GH2	T 2-DH5	2480MHz A	2.4 - 4.9 	-4.67 dBm 79720 GHz 38.54 dBm 59596 GHz