

FCC RADIO TEST REPORT FCC ID: ZSW-30-138

Product: Mobile Phone Trade Mark: Bmobile Model No.: ULTRA S Family Model: N/A Report No.: S24092601403003 Issue Date: Nov. 05, 2024

Prepared for

b mobile HK Limited FLAT/RM 1202 12/F GOLDEN STAR BUILDING 20 LOCKHART ROAD WANCHAI,HK, China

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd. No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, People's Republic of China

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Report No.: S24092601403003

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Complied

1 TEST RESULT CERTIFICATION

Applicant's name:	b mobile HK Limited
Address:	FLAT/RM 1202 12/F GOLDEN STAR BUILDING 20 LOCKHART ROAD WANCHAI,HK, China
Manufacturer's Name:	b mobile HK Limited
Address:	FLAT/RM 1202 12/F GOLDEN STAR BUILDING 20 LOCKHART ROAD WANCHAI,HK, China
Product description	
Product name:	Mobile Phone
Model and/or type reference:	ULTRA S
Family Model:	N/A
Test Sample number:	S240926014001
Date of Test:	Sept. 26, 2024 ~ Nov. 05, 2024

Measurement Procedure Used:

APPLICABLE STANDARDS

APPLICABLE STANDARD/ TEST PROCEDURE TEST RESULT

FCC 47 CFR Part 2, Subpart J

FCC 47 CFR Part 15, Subpart C

ANSI C63.10-2013

KDB 558074 D01 15.247 Meas Guidance v05r02

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

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

Prepared . By	Allen Liu (Project Engineer)	Reviewed . By -	Aawn Cherg Aaron Cheng (Supervisor)	Approved . By [·] ·	Alex Li Alex Li (Manager)

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2 SUMMARY OF TEST RESULTS							
	FCC Part15 (15.247), Subpart C						
Standard Section	Test Item	Verdict	Remark				
15.207	Conducted Emission	PASS					
15.247 (a)(2)	6dB Bandwidth	PASS					
15.247 (b) Maximum Output Power		PASS					
15.209 (a) 15.205 (a)	Radiated Spurious Emission	PASS					
15.247 (e)	Power Spectral Density	PASS					
15.247 (d)	Band Edge Emission	PASS					
15.247 (d)	Spurious RF Conducted Emission	PASS					
15.203	Antenna Requirement	PASS					

Remark:

- 1. "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.
- This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



3 FACILITIES AND ACCREDITATIONS

3.1 FACILITIES

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

No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, People's Republic of China.

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

3.2 LABORATORY ACCREDITATIONS AND LISTINGS

NAS-Lab.:The Certificate Registration Number is L5516.C-RegistrationThe Certificate Registration Number is 9270A.
CAB identifier:CN0074
CC- Accredited Test Firm Registration Number: 463705.
Designation Number: CN1184
2LA-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).
lame of Firm : Shenzhen NTEK Testing Technology Co., Ltd.
ite Location : No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Baoan
District, Shenzhen, Guangdong, People's Republic of China.

3.3 MEASUREMENT UNCERTAINTY

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

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



4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification					
Mobile Phone					
Bmobile					
ZSW-30-138					
ULTRA S					
N/A					
N/A					
2412-2462MHz for 802.11b/g/11n(HT20);					
DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n;					
11 channels for 802.11b/g/11n(HT20);					
FPC Antenna					
1.28dBi					
DC 3.85V from Battery or DC 5V from Adapter.					
DC 3.85V, 4000mAh, 15.4Wh					
INPUT: AC 100-240V~50-60Hz 0.3A OUTPUT: DC 5.0V2A					
Bmobile_ULTRA_S_HW_V1.0					
Bmobile_ULTRA_S_OM_LATAM_V001					

Note: 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.

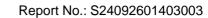




Report No.: S24092601403003

Revision	History
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Revision History					
Report No.	Version	Description	Issued Date		
S24092601403003	Rev.01	Initial issue of report	Nov. 05, 2024		



5 DESCRIPTION OF TEST MODES

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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.

Certificate #4298 01

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 (802.11b: 1 Mbps; 802.11g: 6 Mbps; 802.11n (HT20): MCS0) 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 Y-plane results were found as the worst case and were shown in this report.

Frequency and Channel list for 802.11b/g/n (HT20):

Channel	Frequency(MHz)	
1	2412	
2	2417	
5	2432	
6	2437	
10	2457	
11	2462	

Note: fc=2412MHz+(k-1)×5MHz k=1 to 11

EUT built-in battery-powered, the battery is fully-charged.

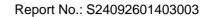




Test Items	Mode	Data Rate	Channel	Ant
AC Power Line Conducted Emissions	Normal Link	-	-	-
	11b/CCK	1 Mbps	1/6/11	1
Maximum Conducted Output	11g/BPSK	6 Mbps	1/6/11	1
Power	11n HT20	MCS0	1/6/11	1
	11b/CCK	1 Mbps	1/6/11	1
Power Spectral Density	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
6dB Spectrum Bandwidth	11b/CCK	1 Mbps	1/6/11	1
	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
Radiated Emissions Below 1GHz	Normal Link	-	-	-
adiated Emissions Above	11b/CCK	1 Mbps	1/6/11	1
1GHz	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
	11b/CCK	1 Mbps	1/6/11	1
Band Edge Emissions	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1



SETUP OF EQUIPMENT UNDER TEST 6 6.1 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM For AC Conducted Emission Mode AC PLUG C-1 AE-1 EUT Adapter C-2 AE-2 Earphone For Radiated Test Cases EU For Conducted Test Cases C-3 Measurement EUT Instrument Note: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.





6.2 SUPPORT EQUIPMENT

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

Item	Equipment	Model/Type No.	Series No.	Note
	Mobile Phone	ULTRA S	N/A	EUT
AE-1	Adapter	N/A	N/A	Peripherals
AE-2 Earphone		N/A	N/A	Peripherals

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

Notes:

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

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6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation& Conducted Test equipment

	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Agilent	E4440A	MY41000130	2024.04.26	2025.04.25	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2024.04.25	2025.04.24	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2024.04.25	2025.04.24	1 year
4	Test Receiver	R&S	ESPI7	101318	2024.04.26	2025.04.25	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2024.05.12	2025.05.11	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2024.04.26	2027.04.25	3 year
7	Horn Antenna	SCHWARZBE CK	BBHA 9120 D	2816	2024.05.18	2027.05.17	3 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2024.05.12	2027.05.11	3 year
9	Amplifier	EMC	EMC051835 SE	980246	2024.04.25	2025.04.24	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2024.05.17	2027.05.16	3 year
11	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2023.05.06	2026.05.05	3 year
12	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2023.05.06	2026.05.05	3 year
13	High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2022.06.17	2025.06.16	3 year
14	Filter	TRILTHIC	2400MHz	29	2024.04.26	2027.04.25	3 year
15	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A
16	RF Control Unit	MWRFtest	MW100-RFC B	MW230608N TEK-43	N/A	N/A	N/A
17	Power sensor	MWRFtest	MW100-PD	MW2021043	2023.12.19	2024.12.18	1 year

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

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

Measurement Software

Item	Manufacturer	Software Name	Software Version	Description
1	MWRFtest	MTS 8310 2.4GHz/5GHz	2.0	RF Conducted Test
2	Farad	EZ-EMC_RE	AIT-03A	RadiatedTest
3	raditeq	RadiMation	2023.1.3	RadiatedTest
4	Farad	EZ-EMC_CE	AIT-03A	AC Conducted Test



7 TEST REQUIREMENTS

7.1 CONDUCTED EMISSIONS TEST

7.1.1 Applicable Standard

According to FCC Part 15.207(a)

7.1.2 Conformance Limit

Frequency(MHz)	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		

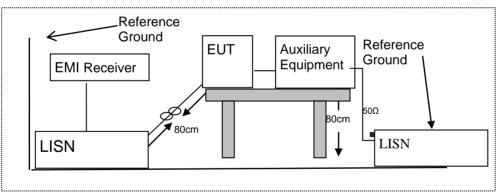
Note: 1. *Decreases with the logarithm of the frequency

- 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 Measuring Instruments

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

7.1.4 Test Configuration

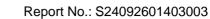


7.1.5 Test Procedure

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.
- 5. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- 6. LISN at least 80 cm from nearest part of EUT chassis.
- 7. The frequency range from 150KHz to 30MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth(IF bandwidth=9KHz) with Maximum Hold Mode
- 9. For the actual test configuration, please refer to the related Item –EUT Test Photos.





7.1.6 Test Results

EUT:	Mobile Phone	Model Name :	ULTRA S
Temperature:	22 °C	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Normal Link

ACC

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Certificate #4298.01

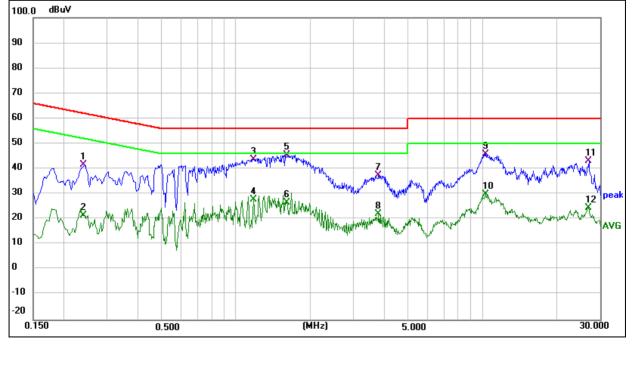
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Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Demerk
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.2404	31.47	10.18	41.65	62.08	-20.43	QP
0.2404	11.40	10.18	21.58	52.08	-30.50	AVG
1.1740	31.69	12.08	43.77	56.00	-12.23	QP
1.1740	15.65	12.08	27.73	46.00	-18.27	AVG
1.6060	32.64	13.00	45.64	56.00	-10.36	QP
1.6060	13.60	13.00	26.60	46.00	-19.40	AVG
3.7900	27.35	9.97	37.32	56.00	-18.68	QP
3.7900	12.29	9.97	22.26	46.00	-23.74	AVG
10.3340	45.22	0.60	45.82	60.00	-14.18	QP
10.3340	29.35	0.60	29.95	50.00	-20.05	AVG
26.8700	29.62	13.63	43.25	60.00	-16.75	QP
26.8700	11.06	13.63	24.69	50.00	-25.31	AVG

Remark:

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

2. Factor = Insertion Loss + Cable Loss.







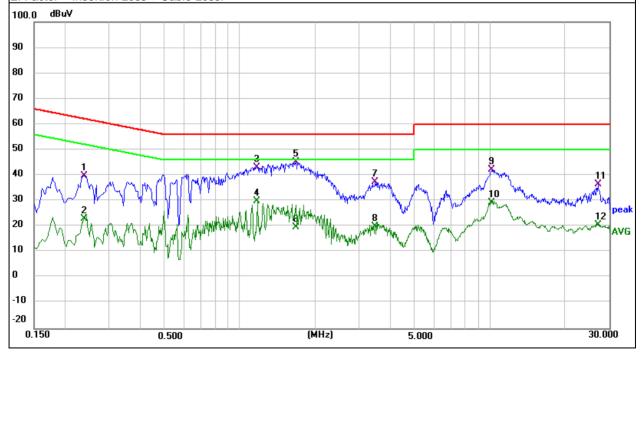
EUT:	Mobile Phone	Model Name :	ULTRA S
Temperature:	22 °C	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	Ν
	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Normal Link

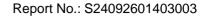
Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.2380	30.41	9.59	40.00	62.17	-22.17	QP
0.2380	13.37	9.59	22.96	52.17	-29.21	AVG
1.1660	31.86	11.36	43.22	56.00	-12.78	QP
1.1660	18.65	11.36	30.01	46.00	-15.99	AVG
1.6780	32.84	12.40	45.24	56.00	-10.76	QP
1.6780	7.33	12.40	19.73	46.00	-26.27	AVG
3.4740	28.27	9.19	37.46	56.00	-18.54	QP
3.4740	10.76	9.19	19.95	46.00	-26.05	AVG
10.2299	42.31	-0.11	42.20	60.00	-17.80	QP
10.2299	29.44	-0.11	29.33	50.00	-20.67	AVG
26.9900	23.91	12.68	36.59	60.00	-23.41	QP
26.9900	8.03	12.68	20.71	50.00	-29.29	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 FCC Part 15.205, Restricted bands					
MHz	MHz	MHz	GHz		
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15		
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46		
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75		
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5		
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2		
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5		
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7		
6.26775-6.26825	123-138	2200-2300	14.47-14.5		
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2		
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4		
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12		
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0		
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8		
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5		
12.57675-12.57725	322-335.4	3600-4400	(2)		
13.36-13.41					

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

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

Limits of Radiated Emission Measurement(Above 1000MHz)

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

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

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

3. For Frequency 9kHz~30MHz:

- Distance extrapolation factor =40log(Specific distance/ test distance)(dB);
- Limit line=Specific limits(dBuV) + distance extrapolation factor.

For Frequency above 30MHz:

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

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

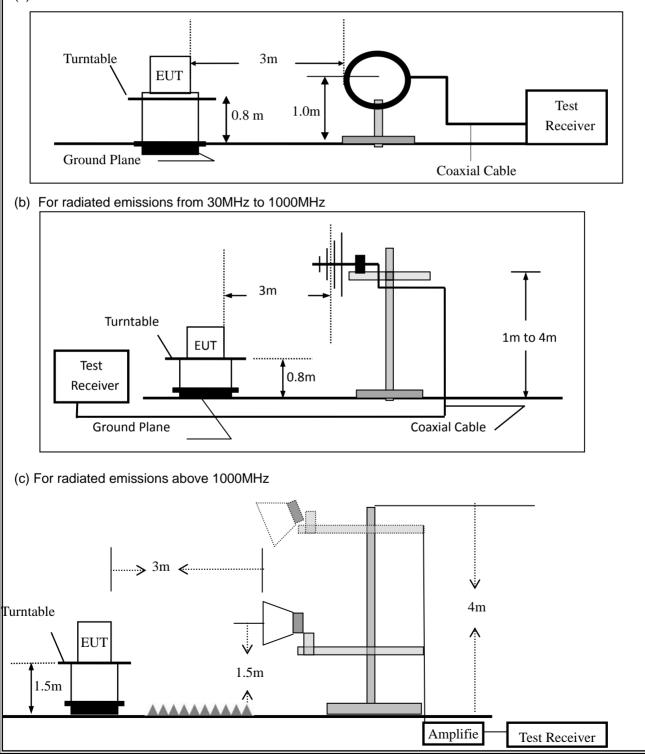


7.2.3 Measuring Instruments

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

7.2.4 Test Configuration

(a) For radiated emissions below 30MHz





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:

Setting
Auto
1000 MHz
10th carrier harmonic
1 MHz / 1 MHz for Peak, 1 MHz / 1MHz 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 and frequencies above 1GHz,

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

g For the actual test configuration, please refer to the related Item –EUT Test Photos. Note:

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

During the radiated emission test, the Spectrum Analyzer was set with the following configurations: For peak measurement:

Set RBW=120 kHz for f < 1 GHz; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold; Set RBW = 1 MHz, VBW= 3MHz for f≥1 GHz

For average measurement:

VBW = 10 Hz, when duty cycle is no less than 98 percent.

VBW \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of



operation.

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

7.2.6 Test Results

EUT:	Mobile Phone	Model No.:	ULTRA S
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n(HT20)	Test By:	Allen Liu

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

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



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

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

EUT:	Mobile Phone	Model Name :	ULTRA S
Temperature:	25 ℃	Relative Humidity:	55%
Pressure:	1010hPa	Test Mode:	802.11b CH11
Test Voltage :	DC 3.85V		

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	31.6202	16.47	16.85	33.32	40.00	-6.68	QP
V	37.2855	15.25	17.91	33.16	40.00	-6.84	QP
V	154.8204	18.28	14.71	32.99	43.50	-10.51	QP
V	184.4898	14.07	16.73	30.80	43.50	-12.70	QP
V	195.1365	14.27	17.71	31.98	43.50	-11.52	QP
V	622.8900	10.33	26.59	36.92	46.00	-9.08	QP

Remark:

Emission Level = Meter Reading+ Factor, Margin= Emission Level- Limit







Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	55.4147	6.54	19.47	26.01	40.00	-13.99	QP
Н	106.0126	6.37	18.20	24.57	43.50	-18.93	QP
Н	183.2005	12.88	16.51	29.39	43.50	-14.11	QP
Н	207.8501	9.63	18.19	27.82	43.50	-15.68	QP
Н	252.0627	8.20	19.47	27.67	46.00	-18.33	QP
Н	329.0390	9.47	21.16	30.63	46.00	-15.37	QP
Emissio 80.0	n Level = Mete dBu¥/m	r Reading+ Fa	actor, Margin	= Emission Le	vel- Limit		
70							
60							
50							
40					S. Mallonaupolyary Morris	a the second strategy with sold of	abaraperne
30	parte share a familie for the	word have with	2 Martin Martin	Manutan	whether whether all and	Mathematical Sec.	
	hu	Markey warm	- Martin and	<u>, , , , , , , , , , , , , , , , , , , </u>			
10 0.0							
30.00		50.00		(Hz)	300.00		1000.000



UT:		Mobile P	hone		Mo	del No.:	ULT	RA S	
emperature:		20 °C	0 ℃ Relative Humidity: 48%						
est Mode:		802.11b/	/g/n(HT20)		Te	st By:	Alle	n Liu	
II the modula	ation mod	les have	been teste	d, and the	e worst re	sult was repo	rt as belo	W:	
Frequency	Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	n Limits	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m	i) (dBµV/m)	(dB)		
			Low Chan	nel (2412 N	ИHz)(802. ⁻	11b)Above 10	6		
4824.265	62.81	5.21	35.59	44.30	59.31	74.00	-14.69	Pk	Vertical
4824.265	40.52	5.21	35.59	44.30	37.02	54.00	-16.98	AV	Vertical
7236.296	60.18	6.48	36.27	44.60	58.33	74.00	-15.67	Pk	Vertical
7236.296	44.25	6.48	36.27	44.60	42.40	54.00	-11.60	AV	Vertical
4824.414	60.83	5.21	35.55	44.30	57.29	74.00	-16.71	Pk	Horizontal
4824.414	42.43	5.21	35.55	44.30	38.89	54.00	-15.11	AV	Horizontal
7236.428	62.75	6.48	36.27	44.52	60.98	74.00	-13.02	Pk	Horizontal
7236.428	46.35	6.48	36.27	44.52	44.58	54.00	-9.42	AV	Horizontal
			Mid Chan	nel (2437 N	/Hz)(802.1	1b)Above 1G	i		
4874.312	62.56	5.21	35.66	44.20	59.23	74.00	-14.77	Pk	Vertical
4874.312	42.45	5.21	35.66	44.20	39.12	54.00	-14.88	AV	Vertical
7311.227	60.30	7.10	36.50	44.43	59.47	74.00	-14.53	Pk	Vertical
7311.227	46.92	7.10	36.50	44.43	46.09	54.00	-7.91	AV	Vertical
4874.529	60.70	5.21	35.66	44.20	57.37	74.00	-16.63	Pk	Horizontal
4874.529	47.96	5.21	35.66	44.20	44.63	54.00	-9.37	AV	Horizontal
7311.313	59.53	7.10	36.50	44.43	58.70	74.00	-15.30	Pk	Horizontal
7311.313	41.75	7.10	36.50	44.43	40.92	54.00	-13.08	AV	Horizontal
			High Char	nnel (2462 	MHz)(802.	11b)Above 10	6		
4924.102	66.21	5.21	35.52	44.21	62.73	74.00	-11.27	Pk	Vertical
4924.102	42.99	5.21	35.52	44.21	39.51	54.00	-14.49	AV	Vertical
7386.425	60.78	7.10	36.53	44.60	59.81	74.00	-14.19	Pk	Vertical
7386.425	45.08	7.10	36.53	44.60	44.11	54.00	-9.89	AV	Vertical
4924.066	66.92	5.21	35.52	44.21	63.44	74.00	-10.56	Pk	Horizontal
4924.066	47.24	5.21	35.52	44.21	43.76	54.00	-10.24	AV	Horizontal
7386.198	61.31	7.10	36.53	44.60	60.34	74.00	-13.66	Pk	Horizontal
7386.198	45.26	7.10	36.53	44.60	44.29	54.00	-9.71	AV	Horizontal

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Note:

(1) Emission Level= Antenna Factor + Cable Loss + Read Level - Preamp Factor

(2) Other emissions are attenuated more than 20dB below the permissible limits, so it does not recorded in the report.

(3)"802.11b" mode is the worst mode. When PK value is lower than the Average value limit, average don't record.





Report No.: S24092601403003

■ Spurious Emission in Restricted Band 2310MHz -18000MHz All the modulation modes have been tested, and the worst result was report as below:

the modula	tion mode	s have I	peen teste	d, and the	e worst resu	ilt was repo	ort as belo	ow:	
Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	
802.11b									
2310.00	57.59	2.97	27.80	43.80	44.56	74	-29.44	Pk	Horizontal
2310.00	43.08	2.97	27.80	43.80	30.05	54	-23.95	AV	Horizontal
2310.00	58.94	2.97	27.80	43.80	45.91	74	-28.09	Pk	Vertical
2310.00	41.60	2.97	27.80	43.80	28.57	54	-25.43	AV	Vertical
2390.00	57.93	3.14	27.21	43.80	44.48	74	-29.52	Pk	Vertical
2390.00	41.79	3.14	27.21	43.80	28.34	54	-25.66	AV	Vertical
2390.00	57.06	3.14	27.21	43.80	43.61	74	-30.39	Pk	Horizontal
2390.00	41.40	3.14	27.21	43.80	27.95	54	-26.05	AV	Horizontal
2483.50	58.18	3.58	27.70	44.00	45.46	74	-28.54	Pk	Vertical
2483.50	43.48	3.58	27.70	44.00	30.76	54	-23.24	AV	Vertical
2483.50	58.47	3.58	27.70	44.00	45.75	74	-28.25	Pk	Horizontal
2483.50	42.26	3.58	27.70	44.00	29.54	54	-24.46	AV	Horizontal
				8	02.11g				
2310.00	59.18	2.97	27.80	43.80	46.15	74	-27.85	Pk	Horizontal
2310.00	43.63	2.97	27.80	43.80	30.60	54	-23.40	AV	Horizontal
2310.00	57.07	2.97	27.80	43.80	44.04	74	-29.96	Pk	Vertical
2310.00	43.04	2.97	27.80	43.80	30.01	54	-23.99	AV	Vertical
2390.00	58.16	3.14	27.21	43.80	44.71	74	-29.29	Pk	Vertical
2390.00	42.13	3.14	27.21	43.80	28.68	54	-25.32	AV	Vertical
2390.00	58.23	3.14	27.21	43.80	44.78	74	-29.22	Pk	Horizontal
2390.00	44.02	3.14	27.21	43.80	30.57	54	-23.43	AV	Horizontal
2483.50	58.68	3.58	27.70	44.00	45.96	74	-28.04	Pk	Vertical
2483.50	44.18	3.58	27.70	44.00	31.46	54	-22.54	AV	Vertical
2483.50	59.29	3.58	27.70	44.00	46.57	74	-27.43	Pk	Horizontal
2483.50	41.71	3.58	27.70	44.00	28.99	54	-25.01	AV	Horizontal
				80	2.11n20				
2310.00	57.87	2.97	27.80	43.80	44.84	74	-29.16	Pk	Horizontal
2310.00	43.85	2.97	27.80	43.80	30.82	54	-23.18	AV	Horizontal
2310.00	58.30	2.97	27.80	43.80	45.27	74	-28.73	Pk	Vertical
2310.00	41.95	2.97	27.80	43.80	28.92	54	-25.08	AV	Vertical
2390.00	58.04	3.14	27.21	43.80	44.59	74	-29.41	Pk	Vertical
2390.00	42.57	3.14	27.21	43.80	29.12	54	-24.88	AV	Vertical
2390.00	56.89	3.14	27.21	43.80	43.44	74	-30.56	Pk	Horizontal
2390.00	41.79	3.14	27.21	43.80	28.34	54	-25.66	AV	Horizontal
2483.50	58.41	3.58	27.70	44.00	45.69	74	-28.31	Pk	Vertical
2483.50	42.80	3.58	27.70	44.00	30.08	54	-23.92	AV	Vertical
2483.50	59.17	3.58	27.70	44.00	46.45	74	-27.55	Pk	Horizontal
2483.50	42.25	3.58	27.70	44.00	29.53	54	-24.47	AV	Horizontal



Spurious Emission in Restricted Bands 3260MHz- 18000MHz

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

Frequency	Reading Level	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	
3260	60.69	4.04	29.57	44.70	49.60	74	-24.40	Pk	Vertical
3260	56.25	4.04	29.57	44.70	45.16	54	-8.84	AV	Vertical
3260	61.76	4.04	29.57	44.70	50.67	74	-23.33	Pk	Horizontal
3260	57.04	4.04	29.57	44.70	45.95	54	-8.05	AV	Horizontal
3332	64.91	4.26	29.87	44.40	54.64	74	-19.36	Pk	Vertical
3332	53.47	4.26	29.87	44.40	43.20	54	-10.80	AV	Vertical
3332	62.94	4.26	29.87	44.40	52.67	74	-21.33	Pk	Horizontal
3332	52.49	4.26	29.87	44.40	42.22	54	-11.78	AV	Horizontal
17797	42.75	10.99	43.95	43.50	54.19	74	-19.81	Pk	Vertical
17797	32.39	10.99	43.95	43.50	43.83	54	-10.17	AV	Vertical
17788	43.31	11.81	43.69	44.60	54.21	74	-19.79	Pk	Horizontal
17788	32.21	11.81	43.69	44.60	43.11	54	-10.89	AV	Horizontal

"802.11b" mode is the worst mode. When PK value is lower than the Average value limit, average don't record.

Other emissions are attenuated more than 20dB below the permissible limits, so it does not recorded in the report.



7.3 6DB BANDWIDTH

7.3.1 Applicable Standard

According to FCC Part 15.247(a)(2) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.2.

7.3.2 Conformance Limit

The minimum permissible 6dB bandwidth is 500 kHz.

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 Subclause 11.8 of ANSI C63.10. 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 = the frequency band of operation RBW = 100KHz VBW \ge 3*RBW Sweep = auto Detector function = peak Trace = max hold



7.3.6 Test Results

EUT:	Mobile Phone	Model No.:	ULTRA S
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Allen Liu

Test data reference attachment.



7.4 DUTY CYCLE

7.4.1 Applicable Standard

According to KDB 558074 D01 15.247 Meas Guidance v05r02 Section 6.

7.4.2 Conformance Limit

No limit requirement.

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

a) A diode detector and an oscilloscope that together have a sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.

b) The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:

1) Set the center frequency of the instrument to the center frequency of the transmission.

2) Set RBW \geq OBW if possible; otherwise, set RBW to the largest available value.

3) Set VBW \geq RBW. Set detector = peak or average.

4) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if T \leq 16.7 µs.)

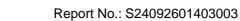
Measure T_{total} and T_{on}

Calculate Duty Cycle = T_{on} / T_{total}

7.4.6 Test Results

EUT:	Mobile Phone	Model No.:	ULTRA S
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Allen Liu

Test data reference attachment.





7.5 MAXIMUM OUTPUT POWER

7.5.1 Applicable Standard

According to FCC Part 15.247(b)(3) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.3.2.3.

7.5.2 Conformance Limit

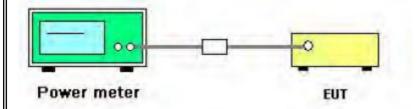
The maximum peak conducted output power of the intentional radiator for systems using digital modulation in the 2400 - 2483.5 MHz bands shall not exceed: 1 Watt (30dBm). If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

7.5.3 Measuring Instruments

The following table is the setting of the power meter.

Power meter parameter	Setting
Detector	РК

7.5.4 Test Setup



7.5.5 Test Procedure

The testing follows Measurement Procedure Subclause 11.9.1.3 of ANSI C63.10

7.5.6 EUT operation during Test

The EUT was programmed to be in continuously transmitting mode.



7.5.7 Test Results

EUT:	Mobile Phone	Model No.:	ULTRA S
Temperature:	20 °C	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Allen Liu

Test data reference attachment.



7.6 POWER SPECTRAL DENSITY

7.6.1 Applicable Standard

According to FCC Part 15.247(e) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.4.

7.6.2 Conformance Limit

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

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 Measurement Procedure Subclause 11.10.2 of ANSI C63.10

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance, and is optional if the maximum conducted (average) output power was used to demonstrate compliance.

a) Set analyzer center frequency to DTS channel center frequency.

b) Set the span to 1.5 times the DTS bandwidth.

c) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.

d) Set the VBW \geq 3 *RBW.

e) Detector = peak.

f) Sweep time = auto couple.

g) Trace mode = max hold.

h) Allow trace to fully stabilize.

i) Use the peak marker function to determine the maximum amplitude level within the RBW.

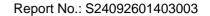
j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.



7.6.6 Test Results

EUT:	Mobile Phone	Model No.:	ULTRA S
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Allen Liu

Test data reference attachment.





7.7 CONDUCTED BAND EDGE MEASUREMENT

7.7.1 Applicable Standard

According to FCC Part 15.247(d) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.7.

7.7.2 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.

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 FCC KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.7.

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.

Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.

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.



7.7.6 Test Results

EUT:	Mobile Phone	Model No.:	ULTRA S
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20	Test By:	Allen Liu

Test data reference attachment.



7.8 SPURIOUS RF CONDUCTED EMISSIONS

7.8.1 Conformance Limit

1. Below -20dB of the highest emission level in operating band.

2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

7.8.2 Measuring Instruments

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

7.8.3 Test Setup

Please refer to Section 6.1 of this test report.

7.8.4 Test Procedure

The Spurious RF conducted emissions compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW=100kHz and VBW= 300KHz to measure the peak field strength, and measure frequency range from 30MHz to 26.5GHz.

7.8.5 Test Results

Remark: The measurement frequency range is from 30MHz 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.

Test data reference attachment.



7.9 ANTENNA APPLICATION

7.9.1 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.

7.9.2 Result

The EUT antenna is permanent attached FPC Antenna (Gain: 1.28dBi). It comply with the standard requirement.





8 TEST RESULTS

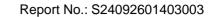
8.1 DUTY CYCLE

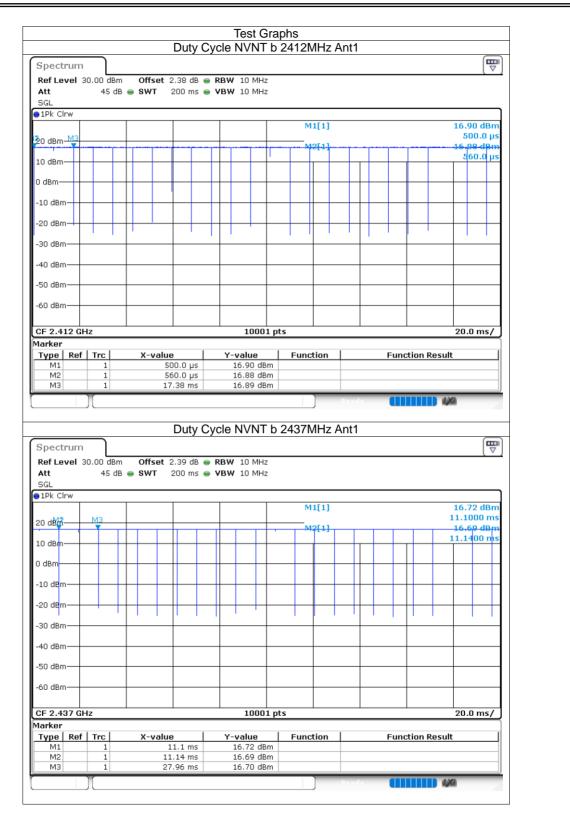
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.78	0.01	0.06
NVNT	b	2437	Ant1	99.8	0.01	0.06
NVNT	b	2462	Ant1	99.76	0.01	0.12
NVNT	g	2412	Ant1	97.93	0.09	0.72
NVNT	g	2437	Ant1	97.84	0.09	0.72
NVNT	g	2462	Ant1	98	0.09	0.72
NVNT	n20	2412	Ant1	97.75	0.1	0.77
NVNT	n20	2437	Ant1	97.77	0.1	0.77
NVNT	n20	2462	Ant1	97.79	0.1	0.77



AC-MR

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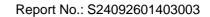


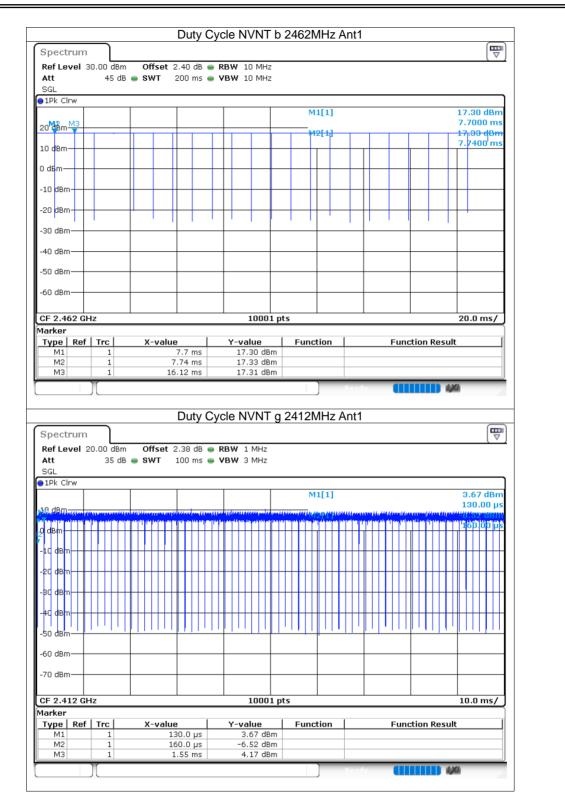




AC-MR

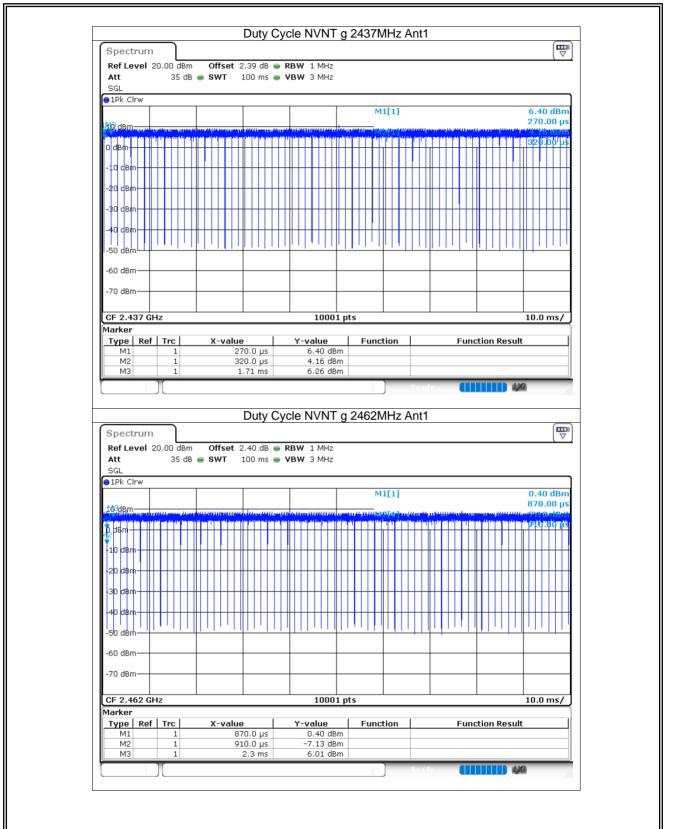
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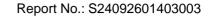
AC-MR

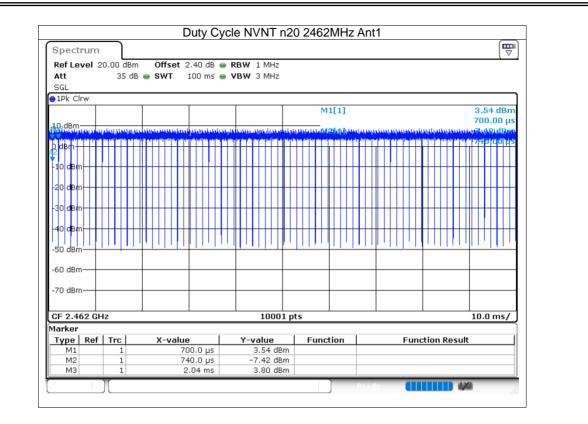
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8.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.44	30	Pass
NVNT	b	2437	Ant1	14.78	30	Pass
NVNT	b	2462	Ant1	15.91	30	Pass
NVNT	g	2412	Ant1	14.78	30	Pass
NVNT	g	2437	Ant1	14.9	30	Pass
NVNT	g	2462	Ant1	14.38	30	Pass
NVNT	n20	2412	Ant1	14.38	30	Pass
NVNT	n20	2437	Ant1	14.13	30	Pass
NVNT	n20	2462	Ant1	13.73	30	Pass





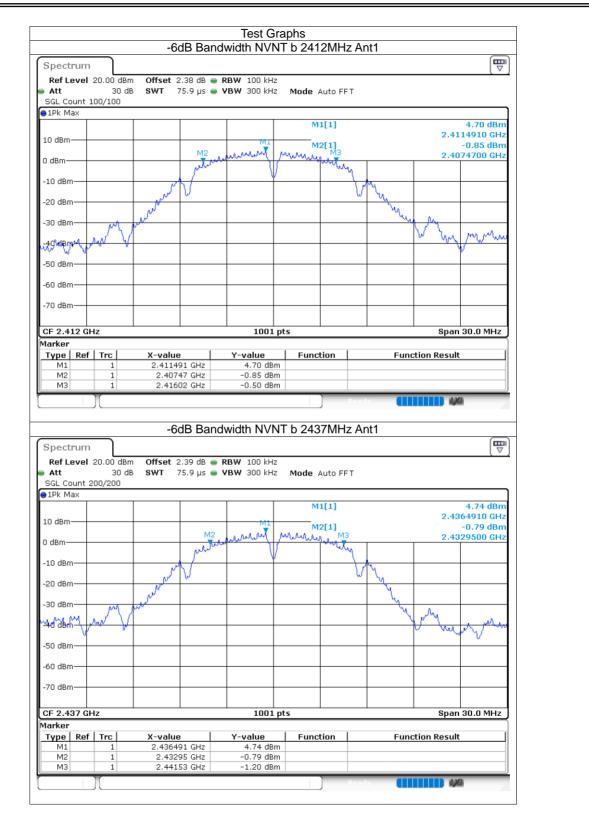
8.3 -6DB BANDWIDTH

-S -ODD DAN						
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.55	0.5	Pass
NVNT	b	2437	Ant1	8.58	0.5	Pass
NVNT	b	2462	Ant1	8.559	0.5	Pass
NVNT	g	2412	Ant1	16.338	0.5	Pass
NVNT	g	2437	Ant1	15.702	0.5	Pass
NVNT	g	2462	Ant1	16.491	0.5	Pass
NVNT	n20	2412	Ant1	17.562	0.5	Pass
NVNT	n20	2437	Ant1	17.571	0.5	Pass
NVNT	n20	2462	Ant1	17.691	0.5	Pass



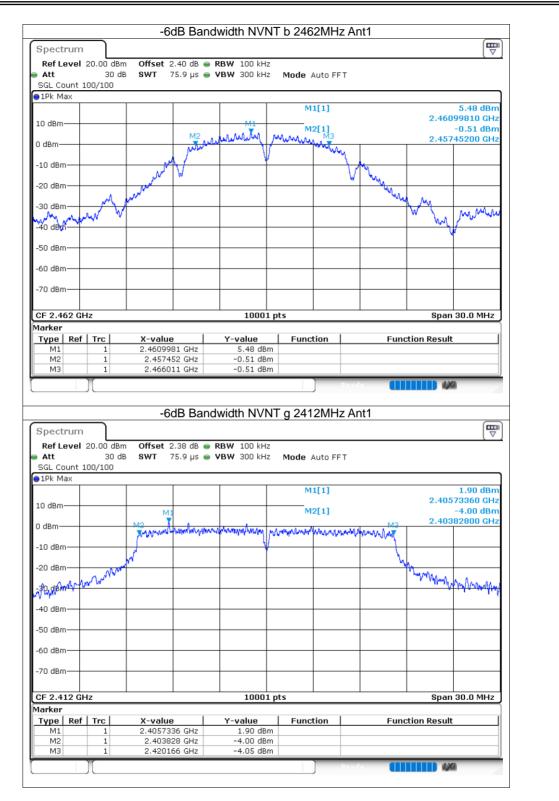


ac-MF



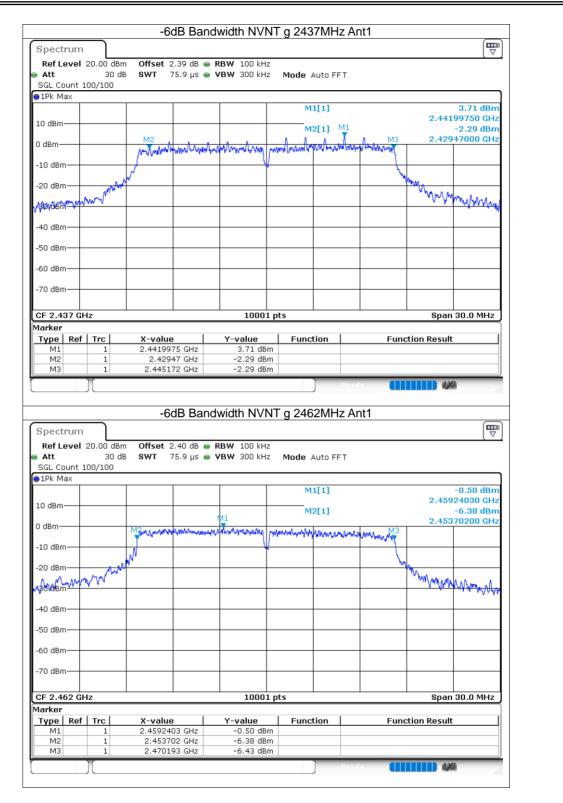










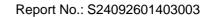






Ref Level 20.00 dB Att 30 d SGL Count 100/100		RBW 100 kHz VBW 300 kHz	Mode Auto FFT			
1Pk Max	1 1					
			M1[1]		1.77 2.4132569	/ dBm 0 GHz
0 dBm		M	1 M2[1]		-4.14	H dBm
dBm	M2 Marmon Marmon	mmanna nu	homemore	mad Band a mag	2.4032010	0 GHz
10 dBm	Promotion and and a	the management (Man	Autor of softers & No. (Autor)	and a number of supers		
		ľ				
20 dBm					The second	
20 dBm					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	wyn
40 dBm						
50 dBm						
60 dBm		+ +				
70 dBm						
- John						
F 2.412 GHz		10001 pts			Span 30.0	MHz
arker	Munker 1	Mushing 1	F	.	tion Result	
Type Ref Trc M1 1	2.4132569 GHz	Y-value 1.77 dBm	Function	Func	tion Result	
M2 1	2.403201 GHz	-4.14 dBm				
M3 1	2.420763 GHz	-4.24 dBm				
			R	eady		
·		width NVNT n	20 2437MH	z Ant1		
Ref Level 20.00 dB	m Offset 2.39 dB 👄				499 	
Ref Level 20.00 dB Att 30 d GGL Count 100/100	m Offset 2.39 dB 👄	RBW 100 kHz	Mode Auto FFT			
Ref Level 20.00 dB Att 30 d GGL Count 100/100 1Pk Max	m Offset 2.39 dB 👄	RBW 100 kHz				/ dBm
Ref Level 20.00 dB Att 30 d GGL Count 100/100 1Pk Max	m Offset 2.39 dB 👄	RBW 100 kHz	Mode Auto FFT		2.4307426 -3.84	/ dBm 0 GHz + dBm
Ref Level 20.00 dB Att 300 SGL Count 100/100 1Pk Max 0 dBm	om Offset 2.39 dB dB SWT 75.9 μs M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426	/ dBm 0 GHz + dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 0 dBm	im Offset 2.39 dB ● dB SWT 75.9 μs ●	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1]		2.4307426 -3.84	/ dBm 0 GHz + dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 0 dBm 0 dBm 0 dBm 10 dBm 0 dBm	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426i -3.84 2.4282190i	7 dBm 0 GHz 4 dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 0 dBm 0 dBm 0 dBm 10 dBm 0 dBm	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426i -3.84 2.4282190i	7 dBm 0 GHz 4 dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 0 dBm 0 dBm 0 dBm 10 dBm 0 dBm	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426i -3.84 2.4282190i	7 dBm 0 GHz 4 dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPK Max 0 dBm 0 dBm 0 dBm 10 dBm 0 dBm 20 dBm 0 dBm	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426 -3.84	7 dBm 0 GHz 4 dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 0 0 dBm 0 dBm 0 20 dBm 0 40 dBm 0	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426i -3.84 2.4282190i	7 dBm 0 GHz 4 dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 0 0 dBm 0 dBm 0 20 dBm 0 40 dBm 0	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426i -3.84 2.4282190i	7 dBm 0 GHz 4 dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPK Max 0 0 dBm 0 10 dBm 0 20 dBm 0 20 dBm 0 30 dBm 0 20 dBm 0 30 dBm 0 30 dBm 0 30 dBm 0 30 dBm 0 40 dBm 0	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426i -3.84 2.4282190i	7 dBm 0 GHz 4 dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 0 0 dBm 0 dBm 0 20 dBm 0 20 dBm 0 30 dBm 0 20 dBm 0 30 dBm 0 30 dBm 0 30 dBm 0 30 dBm 0 40 dBm 0 50 dBm 0	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT 		2.4307426i -3.84 2.4282190i	7 dBm 0 GHz 4 dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 0 0 dBm 0 dBm 0 20 dBm 0 20 dBm 0 30 dBm 0 20 dBm 0 30 dBm 0 30 dBm 0 30 dBm 0 30 dBm 0 40 dBm 0 50 dBm 0 50 dBm 0	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz m m	Mode Auto FFT M1[1] M2[1] y~.////////////////////////////////////		2.43074260 -3.84 2.42821900	/ dBm 0 GHz + dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 0 0 dBm 0 dBm 0 20 dBm 0 20 dBm 0 30 dBm 0 20 dBm 0 30 dBm 0 40 dBm 0 50 dBm <td< td=""><td>im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3</td><td>RBW 100 kHz VBW 300 kHz</td><td>Mode Auto FFT M1[1] M2[1] y~.////////////////////////////////////</td><td></td><td>2.4307426i -3.84 2.4282190i</td><td>/ dBm 0 GHz + dBm 0 GHz</td></td<>	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1] y~.////////////////////////////////////		2.4307426i -3.84 2.4282190i	/ dBm 0 GHz + dBm 0 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 0 0 dBm 0 dBm 0 10 dBm 0 20 dBm 0 30/dBm 0 40 dBm 0 50 dBm 0 60 dBm 0 50 dBm 0	im Offset 2.39 dB dB SWT 75.9 μs M2 M2 M3 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	RBW 100 kHz VBW 300 kHz m m	Mode Auto FFT M1[1] M2[1] y~.////////////////////////////////////		2.43074260 -3.84 2.42821900	/ dBm 0 GHz + dBm 0 GHz
Att 30 d SGL Count 100/100 1Pk Max 10 0 dBm 10 dBm 10 10 dBm 10 20 dBm 10 30 dBm 10 50	im Offset 2.39 dB B SWT 75.9 μs M3 M3 M42 M42 M42 M42 M4 M4 M4	RBW 100 kHz VBW 300 kHz M MMMMMMMMMM MMM MMM MMM MMM MMM	Mode Auto FFT		2.43074260 -3.84 2.42821900	/ dBm 0 GHz + dBm 0 GHz





Spect	rum								
Ref L	evel	20.00	dBm Offs	et 2.40 dB (BRBW 100 kHz				
Att		30	db SWT	75.9 μs (VBW 300 kHz	Mode Auto FFT			
SGL Co	unt 1	00/100	l						
1Pk M	эх								
						M1[1]			-0.67 dBm
10 dBm									96750 GHz
10 000						M2[1]			-6.67 dBm
0 dBm—									09600 GHz
			1 mar	www.yrhhuseline	womentaning the	man when the when the second	MAMAMA MUN	1	
-10 dBm			<u> </u>		₩				
			1		I I				
-20 dBrr			x					lym I	
. 6		a and a second	·					M Marken	
portugi	provided	W.							ᠲᢛᠻᠰᡐᠰᠰᡡᢧ
-40 dBm									
-50 dBm									
-50 авп									
-60 dBrr									
-00 ubn									
-70 dBm									
CF 2.4	52 GF	IZ			10001	ots		span	30.0 MHz
1arker									
Туре	Ref	Trc		alue	Y-value	Function	Fund	ction Result	
M1 M2		1		69675 GHz	-0.67 dBm -6.67 dBm				
M2 M3		1		53096 GHz 70787 GHz	-6.57 dBm				
M3		1	2.4	noror GHZ	-0.57 UBM				





8.4 OCCUPIED CHANNEL BANDWIDTH

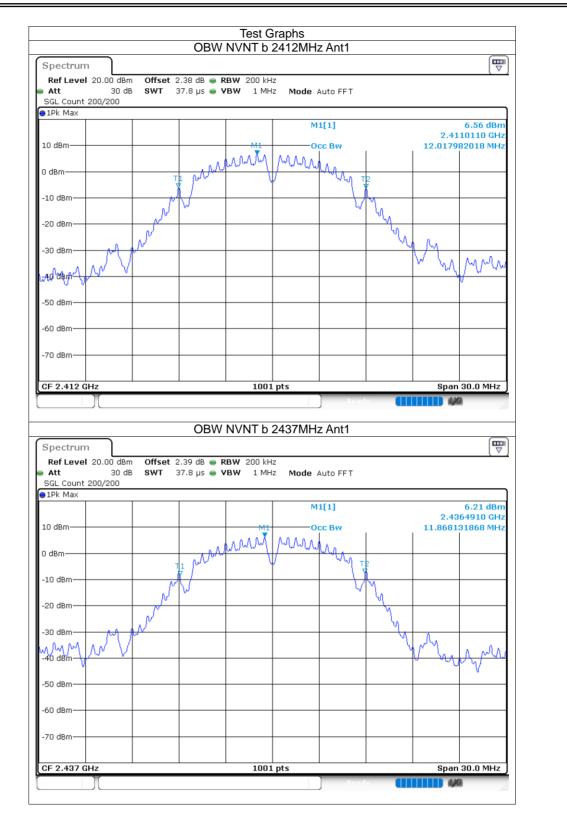
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.018
NVNT	b	2437	Ant1	11.868
NVNT	b	2462	Ant1	12.318
NVNT	g	2412	Ant1	16.891
NVNT	g	2437	Ant1	17.008
NVNT	g	2462	Ant1	16.831
NVNT	n20	2412	Ant1	17.893
NVNT	n20	2437	Ant1	17.818
NVNT	n20	2462	Ant1	17.797



ac-M

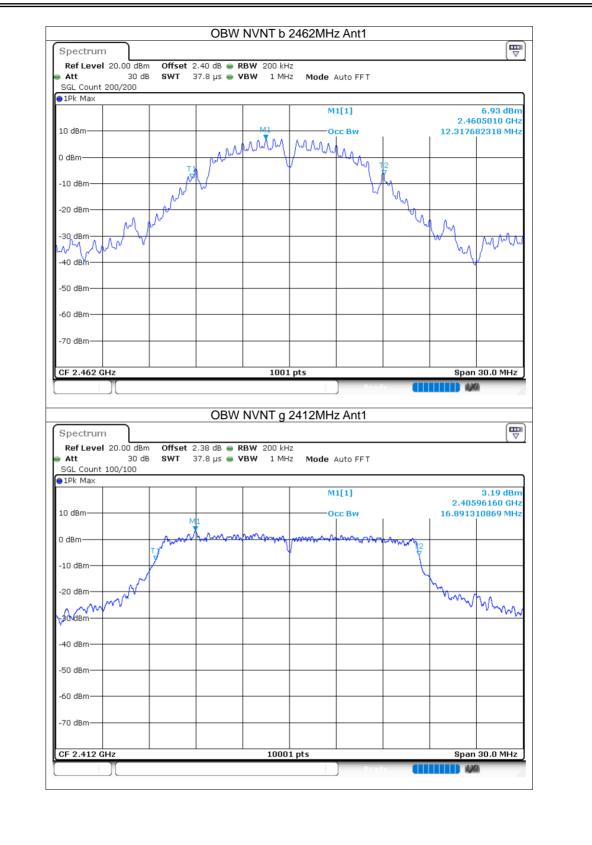
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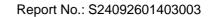


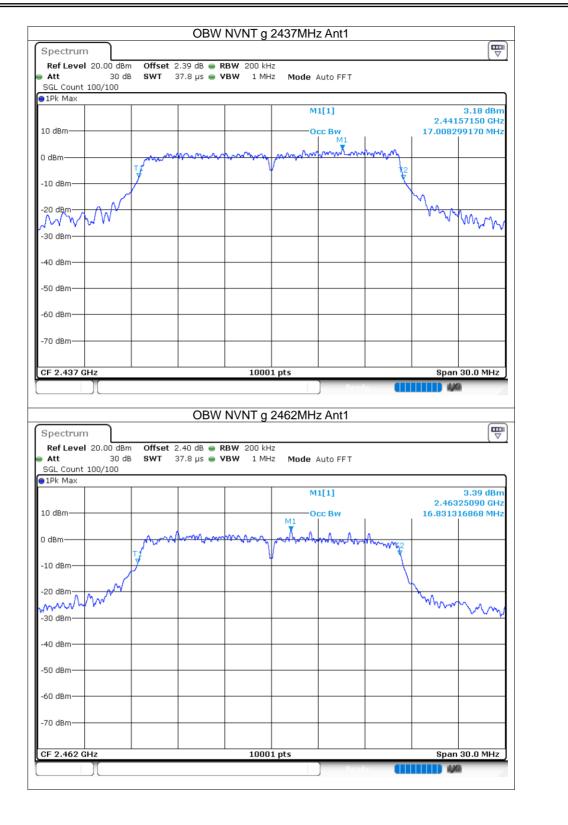




AC-MR

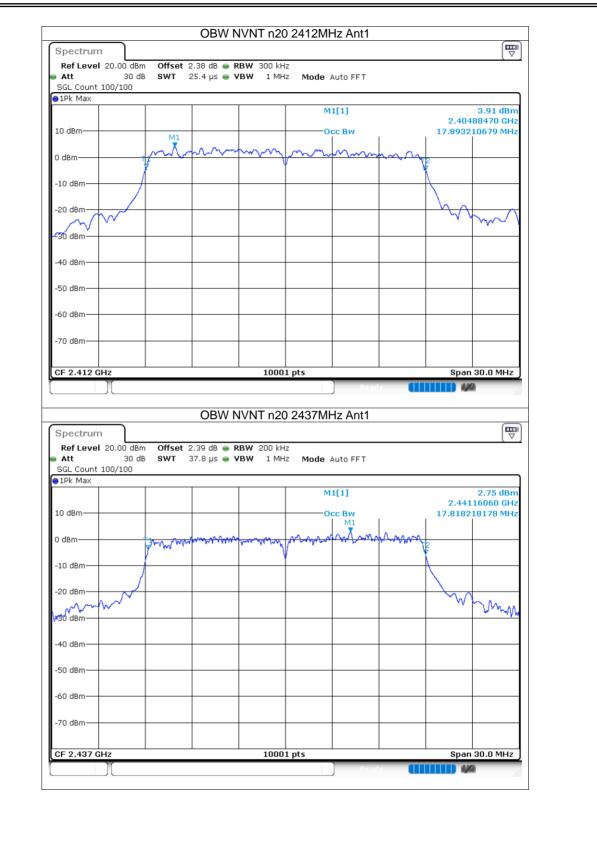
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	OBW NVNT n20	2462MHz Ant1	
Spectrum			
Ref Level 20.00 dBm O	ffset 2.40 dB 👄 RBW 200 kHz		
	WT 37.8 µs 👄 VBW 1 MHz	Mode Auto FFT	
SGL Count 100/100			
1Pk Max		M1[1]	1.71 dBm
		MILI	2.45929430 GHz
.0 dBm		Occ Bw	17.797220278 MHz
	M1		
dBm	m mmmhmmh	man war war war war	<u></u>
₩	• • • • • • • • • • • • • • • • • • •	and the second second	~ L 3
10 dBm			
20 dBm			- <u>A</u>
30 dBm			Monor
30 dBm			VIV. VIVA
40 dBm			
50 dBm			
50 dBm			
70 dBm			
F 2.462 GHz	10001	pts	Span 30.0 MHz



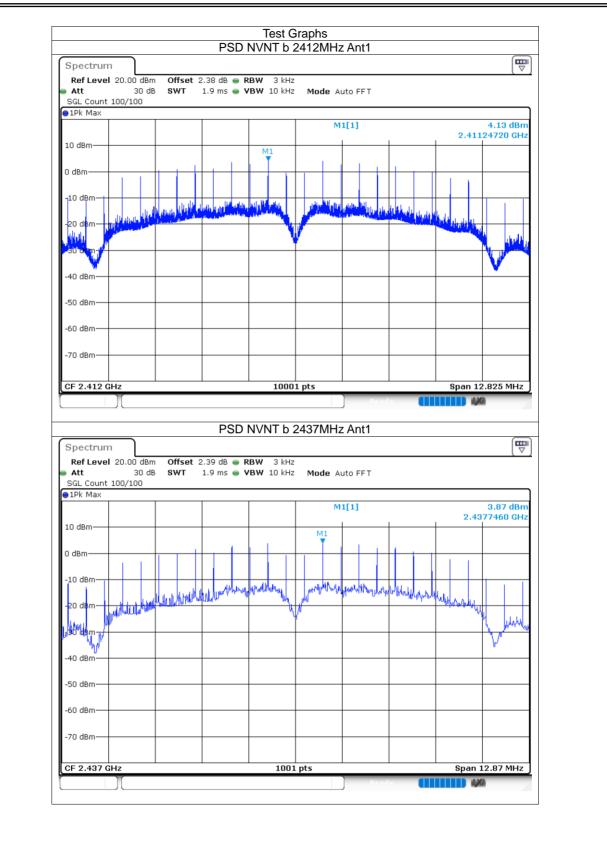


8.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	4.13	8	Pass
NVNT	b	2437	Ant1	3.87	8	Pass
NVNT	b	2462	Ant1	3.03	8	Pass
NVNT	g	2412	Ant1	-12.58	8	Pass
NVNT	g	2437	Ant1	-12.3	8	Pass
NVNT	g	2462	Ant1	-12.39	8	Pass
NVNT	n20	2412	Ant1	-12.74	8	Pass
NVNT	n20	2437	Ant1	-11.85	8	Pass
NVNT	n20	2462	Ant1	-13.26	8	Pass

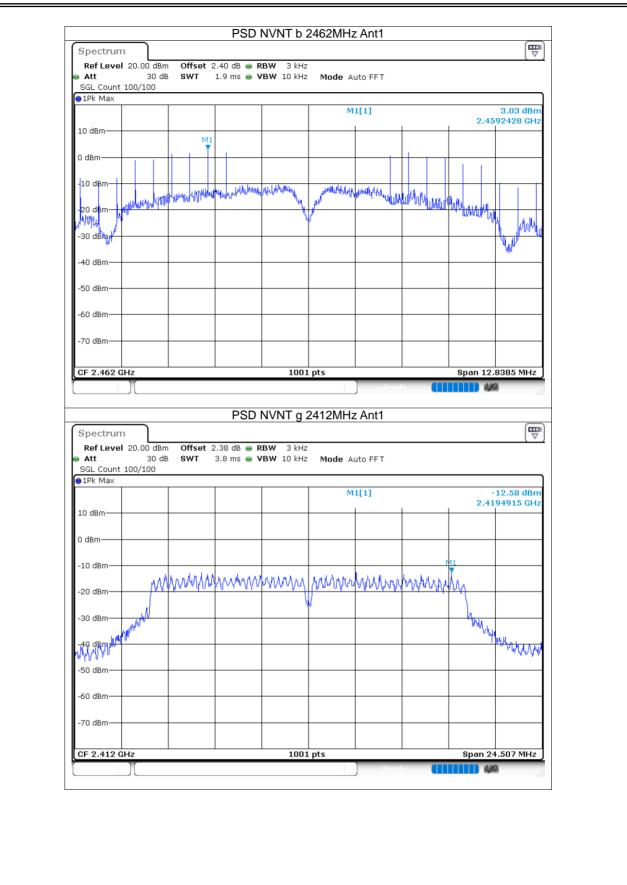












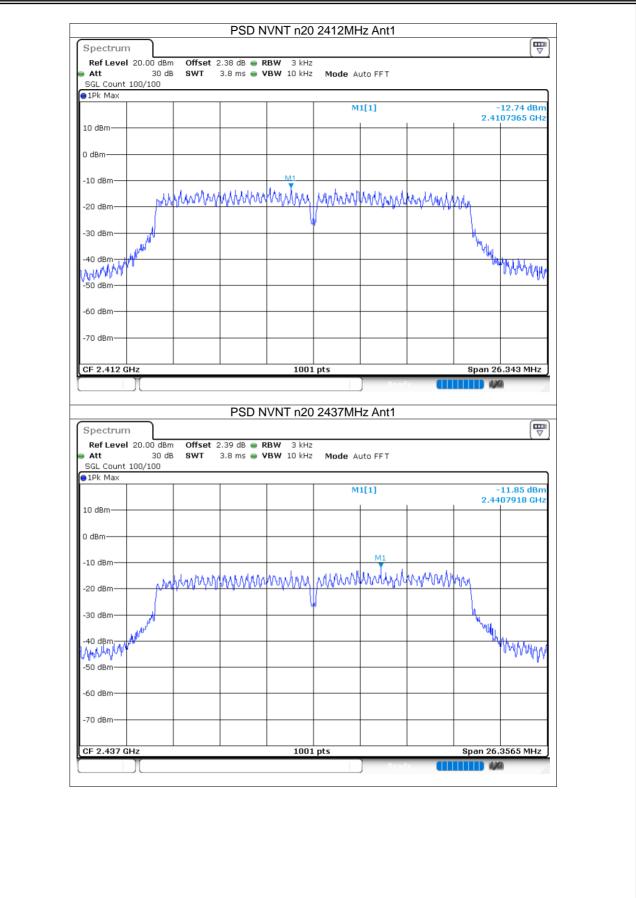




●1Pk Max	/100							I
-				М	1[1]			-12.30 dBm
10 dBm							2.43	372825 GHz
0 dBm								
0 UBIN								
-10 dBm		1	lu	M1 Tanatanaka	8 N J J 16 N 0.	المعطامية	h	
-20 dBm	mann	NAMAN	MMM	pinno	AAAAAAA	VVVVVVV	<u>~~~</u>	
-30 dBm			U	J			h.	
							- Wh	Whyd And And And
								White
-50 dBm								
-60 dBm								
-50 ubiil								
-70 dBm								
CF 2.437 GHz			1001	nte			Snan 2	3.553 MHz
			1001	pts	Read		apan 2	3.333 MHZ)
					-			
		PSDI	נהואאא	7/16:71/10-				
Spectrum Ref Level 20. Att	00 dBm Offset 30 dB SWT	t 2.40 dB 👄 R	BW 3 kHz					
Ref Level 20.	30 dB SWT		BW 3 kHz					
Ref Level 20. Att SGL Count 100,	30 dB SWT	t 2.40 dB 👄 R	BW 3 kHz	Mode A				-12.39 dBm
Ref Level 20. Att SGL Count 100,	30 dB SWT	t 2.40 dB 👄 R	BW 3 kHz	Mode A	uto FFT			
Ref Level 20. Att SGL Count 100, P1Pk Max	30 dB SWT	t 2.40 dB 👄 R	BW 3 kHz	Mode A	uto FFT			-12.39 dBm
Ref Level 20. Att SGL Count 100, IPk Max 10 dBm 0 dBm	30 dB SWT	t 2.40 dB 👄 R	BW 3 kHz	Mode A	uto FFT			-12.39 dBm
Ref Level 20. Att SGL Count 100, 1Pk Max 10 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm
Ref Level 20. Att SGL Count 100, IPk Max 10 dBm 0 dBm	30 dB SWT /100	t 2.40 dB 👄 R	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm
Ref Level 20. Att SGL Count 100, IPk Max 10 dBm 0 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm 669838 GHz
Ref Level 20. Att SGL Count 100, ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm 669838 GHz
Ref Level 20. Att SGL Count 100, ID dBm 0 dBm -10 dBm -20 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT	MADA HAAA	2.4	-12.39 dBm 669838 GHz
Ref Level 20. Att SGL Count 100, ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm
Ref Level 20. Att SGL Count 100, ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT	руучуу алууунуу алууу	2.4	-12.39 dBm 669838 GHz
Ref Level 20. Att SGL Count 100, ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm 669838 GHz
Ref Level 20. Att SGL Count 100, ID dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm 669838 GHz
Ref Level 20. Att SGL Count 100, ID dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm 669838 GHz
Ref Level 20. Att SGL Count 100, ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	30 dB SWT /100	t 2.40 dB R R 3.8 ms V	BW 3 kHz BW 10 kHz	Mode A	uto FFT		2.4	-12.39 dBm 669838 GHz











Spectrum	In					
Att 30		dB 👄 RBW 3 kHz ns 👄 VBW 10 kHz				
SGL Count 100/100			Mode Additin			
●1Pk Max						
			M1[1]			13.26 dBm
10 dBm					2.45	95348 GHz
0 dBm				_		
-10 dBm		41				
	LARKARAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	ANDANDANALARE	Marinalia	H		
-20 dBm	<u>MANNAL a LANNA</u>	21 x an a x a d a USOL	La ich a kaiarthy	manywww.	An	
		1				
-30 dBm						
a head					"huy	
-40 dBm , Latra					Tu _M	Philipping
Port 1						a alla alla di
-50 dBm						
-60 dBm						
-00 0011		1				
-70 dBm		1001	nts		Span 26.	5365 MHz





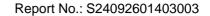
8.6 BAND EDGE

0.0 DAND EDG	E					
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-64.64	-20	Pass
NVNT	b	2462	Ant1	-52.93	-20	Pass
NVNT	g	2412	Ant1	-44.63	-20	Pass
NVNT	g	2462	Ant1	-42.99	-20	Pass
NVNT	n20	2412	Ant1	-46.47	-20	Pass
NVNT	n20	2462	Ant1	-37.47	-20	Pass



ac-MF

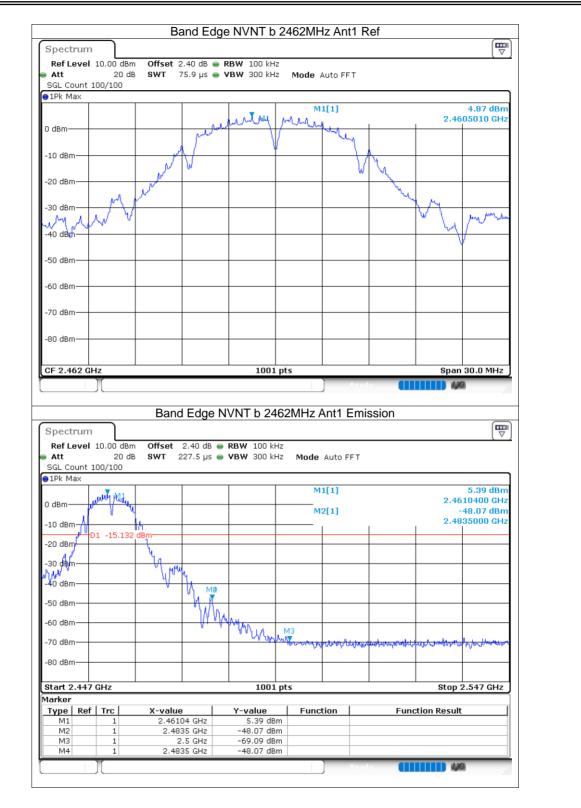
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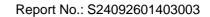








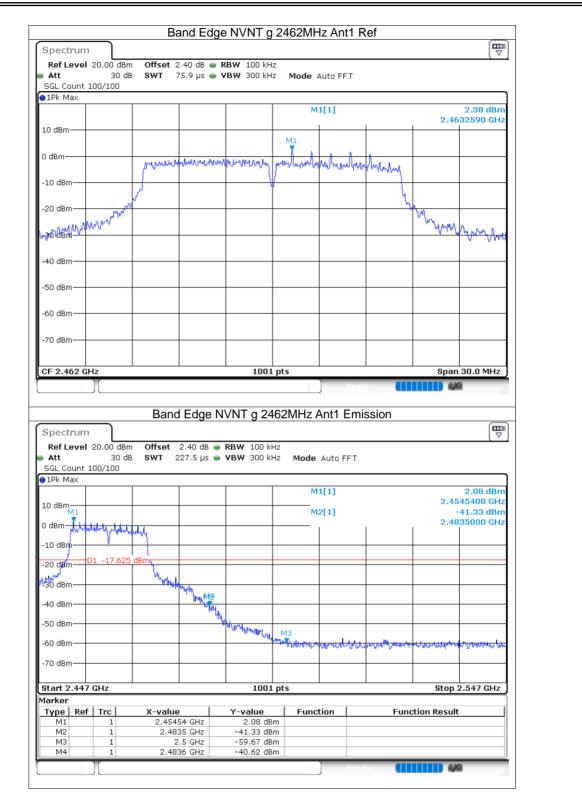




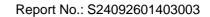
Att 30 d	m Offset 2.38 dB 🖷 В SWT 75.9 µs 🖷		Mode Auto FFT			
GL Count 100/100 1Pk Max						
			M1[1]			0.74 dBm
					2.41	44880 GHz
D dBm						
dBm			M1 T			
ubiii	promitedimber	managering who	Newyament	WWWWW		
.0 dBm		<u> </u>				
	\mathcal{V}			1 5		
0 dBm	u li				Mr. A	
					May	Munuly
ұравн и ра					· · ·	- r out
0 dBm						
i0 dBm	<u> </u>					
i0 dBm		+ +				
'0 dBm						
F 2.412 GHz		1001 pts			Span	30.0 MHz
	Band Edge N	NVNT g 2412	MHz Ant1 Er	nission		
Ref Level 20.00 dBr	n Offset 2.38 dB 🖷	RBW 100 kHz				
RefLevel 20.00 dBr Att 30 d	n Offset 2.38 dB 🖷	RBW 100 kHz				
Ref Level 20.00 dBr Att 30 d GL Count 100/100	n Offset 2.38 dB 🖷	RBW 100 kHz				
Ref Level 20.00 dBr Att 30 d GL Count 100/100	n Offset 2.38 dB 🖷	RBW 100 kHz				0.15 dBm
Ref Level 20.00 dBr Att 30 d GL Count 100/100 1Pk Max	n Offset 2.38 dB 🖷	RBW 100 kHz	Mode Auto FFT			
Ref Level 20.00 dBr Att 30 d SGL Count 100/100 IPk Max 0 dBm	n Offset 2.38 dB 🖷	RBW 100 kHz	Mode Auto FF1		M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 dBm	n Offset 2.38 dB 🖷	RBW 100 kHz	Mode Auto FF1		M1 -	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 dBm .0 dBm	m Offset 2.38 dB B SWT 227.5 μs	RBW 100 kHz	Mode Auto FF1		M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 dBm 0 dBm 0 dBm	m Offset 2.38 dB B SWT 227.5 μs	RBW 100 kHz	Mode Auto FF1	- 	M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 0 dBm 0 .0 dBm 0 .0 dBm 01 -19.250	m Offset 2.38 dB B SWT 227.5 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FF1 M1[1] M2[1]	-	M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 D dBm 0 .0 dBm 0	m Offset 2.38 dB B SWT 227.5 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FF1 M1[1] M2[1]	-	M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 dBm dBm .0 dBm 0 dBm	m Offset 2.38 dB B SWT 227.5 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FF1 M1[1] M2[1]	-	M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 dBm	m Offset 2.38 dB B SWT 227.5 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FF1 M1[1] M2[1]	-	M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 dBm	m Offset 2.38 dB B SWT 227.5 μs 	RBW 100 kHz VBW 300 kHz	Mode Auto FF1 M1[1] M2[1]	-	M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 dBm	m Offset 2.38 dB B SWT 227.5 μs 	RBW 100 kHz VBW 300 kHz	Mode Auto FF1 M1[1] 	-	M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
Ref Level 20.00 dBr Att 30 d GL Count 100/100 IPk Max 0 0 dBm 0	m Offset 2.38 dB B SWT 227.5 μs 	RBW 100 kHz VBW 300 kHz	Mode Auto FF1	-	M1 2.40	0.15 dBm 97700 GHz 28.87 dBm 00000 GHz
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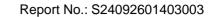






Spectrum Ref Level Att SGL Count	20.00 dBm 30 dB	Offset 2	2.38 dB 👄	RBW 100 kHz	2				
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Spectrum		Band I	Edge N'	VNT n20 2		Ant1 En	nission		0
Ref Level	20.00 dBm	Offset	2.38 dB 🖷	VNT n20 2	412MHz		h III		
Ref Level Att	20.00 dBm 30 dB	Offset	2.38 dB 🖷	VNT n20 2	412MHz		nission		0
Ref Level Att SGL Count	20.00 dBm 30 dB	Offset	2.38 dB 🖷	VNT n20 2	412MHz Iz Iz Mode	Auto FFT	nission		0
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset	2.38 dB 🖷	VNT n20 2	412MHz Iz Iz Mode		nission		0.09 dBm
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset	2.38 dB 🖷	VNT n20 2	412MHz ¹² ¹² Mode	Auto FFT	nission	2.4(M1	0.09 dBm 05700 GHz -29.86 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm	20.00 dBm 30 dB	Offset	2.38 dB 🖷	VNT n20 2	412MHz ¹² ¹² Mode	Auto FFT 1[1]	nission	2.44 M1 ▼ 2.44	0.09 dBm 955700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count) IPk Max 10 dBm	20.00 dBm 30 dB	Offset	2.38 dB 🖷	VNT n20 2	412MHz ¹² ¹² Mode	Auto FFT 1[1]	nission	2.4(M1	0.09 dBm 955700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBm 30 dB 100/100	Offset SWT 2	2.38 dB 🖷	VNT n20 2	412MHz ¹² ¹² Mode	Auto FFT 1[1]		2.44 M1 ▼ 2.44	0.09 dBm 955700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBm 30 dB	Offset SWT 2	2.38 dB 🖷	VNT n20 2	412MHz ¹² ¹² Mode	Auto FFT 1[1]	nission	2.44 M1 ▼ 2.44	0.09 dBm 095700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm 20 dBm	20.00 dBm 30 dB 100/100	Offset SWT 2	2.38 dB 🖷	VNT n20 2	412MHz ¹² ¹² Mode	Auto FFT 1[1]	prives	2.44 M1 ▼ 2.44	0.09 dBm 955700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count) IPk Max 10 dBm 	20.00 dBm 30 dB 100/100	Offset SWT 2	2.38 dB 🖷	VNT n20 2	412MHz ¹² Mode M	Auto FF T 1[1] 2[1]	prives	2.44 M1 ▼ 2.44	0.09 dBm 095700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count IPk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 30 dB 100/100	Offset SWT 2	2.38 dB 🖷	VNT n20 2	412MHz ¹² ¹² Mode M 	Auto FFT 1[1]	prives	2.44 M1 ▼ 2.44	0.09 dBm 095700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 30 dB 100/100	dBm	2.38 dB 227.5 μs	VNT n20 2	412MHz ¹² ¹² Mode M 	Auto FF T 1[1] 2[1]	prives	2.44 M1 ▼ 2.44	0.09 dBm 095700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count SGL Count IPK Max ID dBm ID dBm ID dBm ID dBm IO dBm IO dBm SO dBm 40 dBm 50 dBm	20.00 dBm 30 dB 100/100	dBm	2.38 dB 227.5 μs	VNT n20 2	412MHz ¹² Mode M	Auto FF T 1[1] 2[1]	prives	2.44 M1 ▼ 2.44	0.09 dBm 095700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	20.00 dBm 30 dB 100/100	dBm	2.38 dB 227.5 μs	VNT n20 2	412MHz ¹² ¹² Mode M 	Auto FF T 1[1] 2[1]	prives	2.44 M1 ▼ 2.44	0.09 dBm 095700 GHz -29.86 dBm 000000 GHz
Ref Level Att SGL Count SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 50 dBm 40 dBm 50 dBm 70 dBm	20.00 dBm 30 dB 100/100 D1 -18.763	dBm	2.38 dB 2.27.5 μs 2.27.5	VNT n20 2	412MHz	Auto FF T 1[1] 2[1]	prives	2.44 M1 2.44 prov on a printing	0.09 dBm 095700 GHz -29.86 dBm 000000 GHz
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Ref Level Att SGL Count SGL Count IPk Max ID dBm ID dBm ID dBm 20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 2.327 Tarker Type	20.00 dBm 30 dB 100/100 D1 -18.763	dBm	2.38 dB 227.5 μs 2010 μd μb μb (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	VNT n20 2	412MHz	Auto FFT 1[1] 2[1]	Marken Marken	2.44 M1 2.44 prov on a printing	0.09 dBm 095700 GHz -29.86 dBm 00000 GHz -4444
Ref Level Att SGL Count SGL Count IPk Max 10 dBm 10 dBm 10 dBm 20 dBm -10 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm -70 dBm Start 2.327 Tarker M1 M2	20.00 dBm 30 dB 100/100 D1 -18.763	dBm whtehendowy intervention z.4099 2	2.38 dB 2.27.5 μs 2.27.5	VNT n20 2 RBW 100 kH VBW 300 kH	412MHz	Auto FFT 1[1] 2[1]	Marken Marken	2.44	0.09 dBm 095700 GHz -29.86 dBm 00000 GHz -4444
Att SGL Count SGL Co	20.00 dBm 30 dB 100/100 01 -18.763 Methation from 1	Offset SwT 2 dBm برا <i>لدها</i> لمالی x-value 2.4093 2	2.38 dB 227.5 µs	VNT n20 2 RBW 100 kH VBW 300 kH	412MHz	Auto FFT 1[1] 2[1]	Marken Marken	2.44	0.09 dBm 095700 GHz -29.86 dBm 00000 GHz -4444





Spectrum									
Att	20.00 dBm 30 dB			RBW 100 kHz VBW 300 kHz		uto FFT			
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Spectrum Ref Level				/NT n20 24	462MHz	Ant1 Em	nission		
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Ref Level Att SGL Count	20.00 dBm 30 dB	Offset 2.	40 dB 👄	/NT n20 24	462MHz .		nission		
Ref Level Att SGL Count	20.00 dBm 30 dB	Offset 2.	40 dB 👄	/NT n20 24	462MHz	Auto FFT	nission		
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset 2.	40 dB 👄	/NT n20 24	462MHz ¹² ¹² Mode /	Auto FFT	nission		2.32 dBm 557400 GHz
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB 100/100	Offset 2.	40 dB 👄	/NT n20 24	462MHz ¹² ¹² Mode /	Auto FFT	nission	2.4	2.32 dBm 557400 GHz -37.68 dBm
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB	Offset 2.	40 dB 👄	/NT n20 24	462MHz ¹² ¹² Mode /	Auto FFT	nission	2.4	2.32 dBm 557400 GHz
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Ref Level Att SGL Count 1Pk Max 10 dBm M1 0 dBm profile -10 dBm 20 dBm	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 24	462MHz ¹² ¹² Mode /	Auto FFT	nission	2.4	2.32 dBm 557400 GHz -37.68 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm M1 0 dBm ////// -10 dBm	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 24	462MHz ¹² ¹² Mode /	Auto FFT	nission	2.4	2.32 dBm 557400 GHz -37.68 dBm
Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm -10 dBm 20 dBm 450 dBm	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 24	462MHz ¹² ¹² Mode /	Auto FFT	nission	2.4	2.32 dBm 557400 GHz -37.68 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm M1 0 dBm -10 dBm -20 dBm -40 dBm	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 2 RBW 100 kH vBW 300 kH	462MHz ¹² ¹² Mode /	Auto FFT	nission	2.4	2.32 dBm 557400 GHz -37.68 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -40 dBm -50 dBm	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 2 RBW 100 kH vBW 300 kH	462MHz	Auto FFT [1] [1]		2.4	2.32 dBm 557400 GHz -37.68 dBm
Ref Level Att SGL Count 1Pk Max 10 dBm M1 0 dBm -10 dBm -20 dBm 450 dBm	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 24	462MHz	Auto FFT [1] [1]	hission	2.4	2.32 dBm 557400 GHz -37.68 dBm 835000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm M1 0 dBm 0.00000000000000000000000000000000000	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 2 RBW 100 kH vBW 300 kH	462MHz	Auto FFT [1] [1]		2.4	2.32 dBm 557400 GHz -37.68 dBm 835000 GHz
Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 2	462MHz . 12 12 12 12 12 12 12 12 12 12	Auto FFT [1] [1]		2.4 2.4 2.4	2.32 dBm 557400 GHz -37.68 dBm 835000 GHz
Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm	20.00 dBm 30 dB 100/100	Offset 2. SWT 227	40 dB .5 μs 	/NT n20 2 RBW 100 kH vBW 300 kH	462MHz . 12 12 12 12 12 12 12 12 12 12	Auto FFT [1] [1]		2.4 2.4 2.4	2.32 dBm 557400 GHz -37.68 dBm 835000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm -10 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 2.447 Marker Type	20.00 dBm 30 dB 100/100 	Offset 2. SWT 227	40 dB 7.5 μs 40 dB 40 d	/NT n20 2 RBW 100 kH VBW 300 kH 300 kH 100 kH 1001 Y-value	462MHz	Auto FFT [1] [1] bookseptimized		2.4 2.4 2.4	2.32 dBm 557400 GHz -37.68 dBm 835000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm Type Ref Marker Type	20.00 dBm 30 dB 100/100 100/100 100/100 100/100	Offset 2. SWT 227	40 dB ● 7.5 μs ●	/NT n20 2 RBW 100 kH vBW 300 kH	462MHz	Auto FFT [1] [1] bookseptimized		2.4 2.4 	2.32 dBm 557400 GHz -37.68 dBm 835000 GHz
Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm -10 dBm -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 2.447 Marker Type	20.00 dBm 30 dB 100/100 	Offset 2. SWT 227	40 dB ● 7.5 μs ●	/NT n20 2 RBW 100 kH VBW 300 kH 100 kH VBW 300 kH NATHON	462MHz iz Mode M1 M2 M3 M3 M3 M5 pts Functi n n	Auto FFT [1] [1] bookseptimized		2.4 2.4 	2.32 dBm 557400 GHz -37.68 dBm 835000 GHz





8.7 CONDUCTED RF SPURIOUS EMISSION

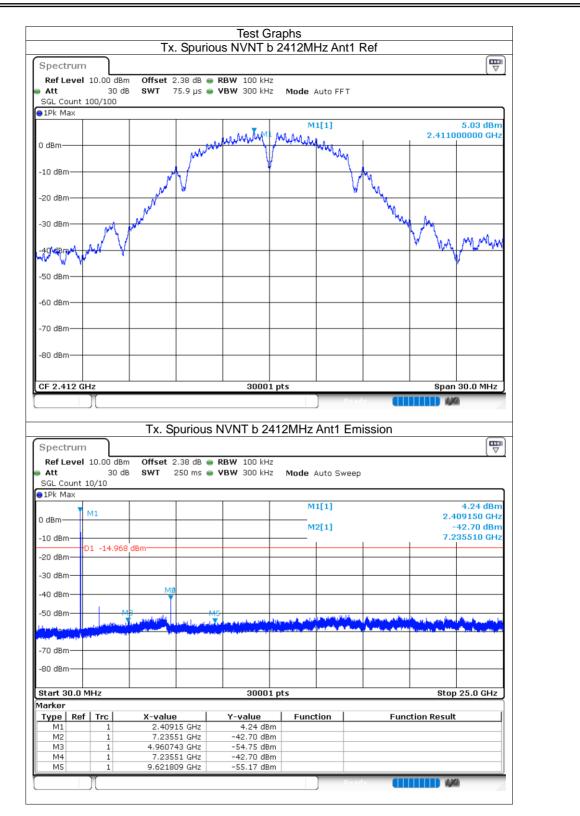
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.72	-20	Pass
NVNT	b	2437	Ant1	-49.37	-20	Pass
NVNT	b	2462	Ant1	-49.02	-20	Pass
NVNT	g	2412	Ant1	-46.88	-20	Pass
NVNT	g	2437	Ant1	-44.85	-20	Pass
NVNT	g	2462	Ant1	-51.37	-20	Pass
NVNT	n20	2412	Ant1	-48.56	-20	Pass
NVNT	n20	2437	Ant1	-47.32	-20	Pass
NVNT	n20	2462	Ant1	-39.39	-20	Pass



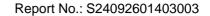
AC-MR

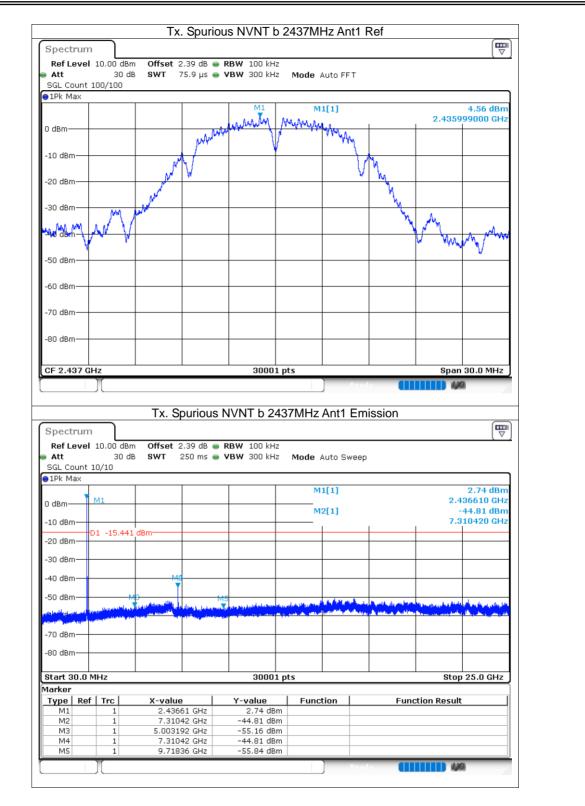
ACCREDITED



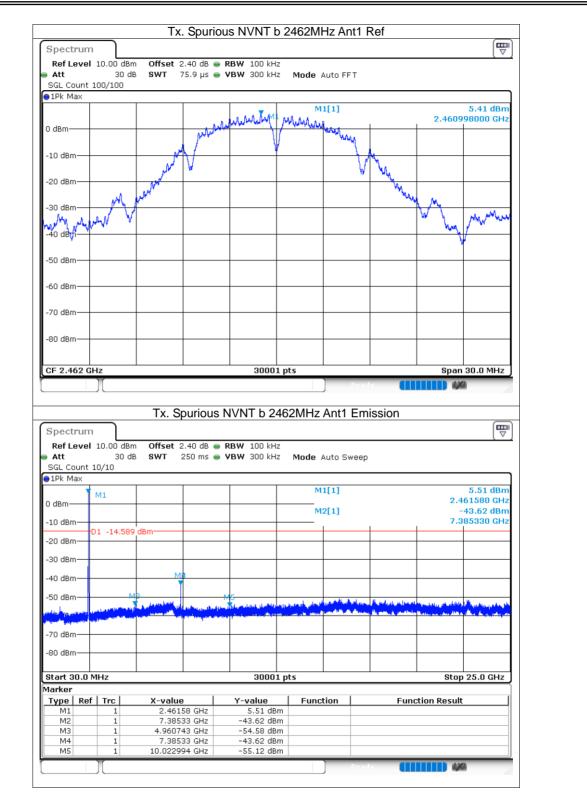




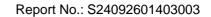






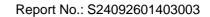


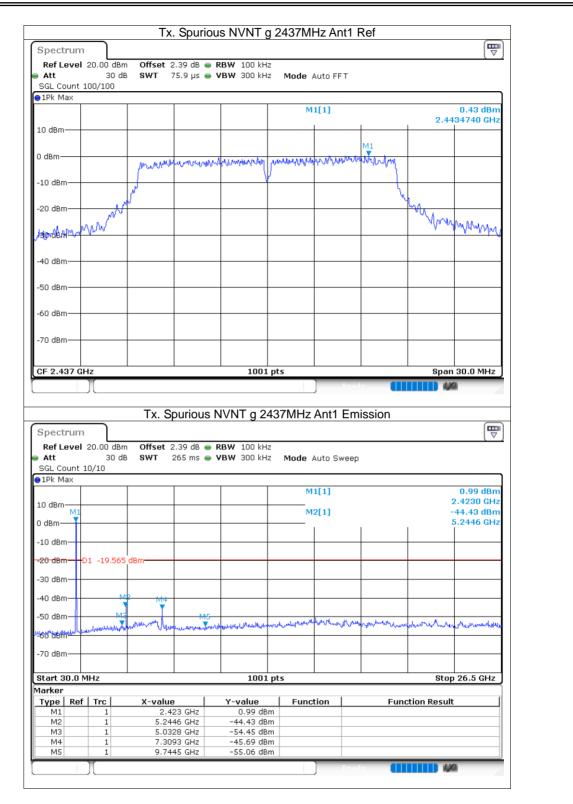




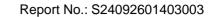
Att	evel	20.00 dE 30 i			RBW 100 kHz VBW 300 kHz	Mode Auto F	FT		
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Spect Ref L	rum evel	20.00 dE	Sm Offset	2.38 dB 🧉	NVNT g 24	12MHz Ant1		Spar	
Spect Ref L	rum evel	20.00 dE	Sm Offset	2.38 dB 🧉	NVNT g 24	12MHz Ant1		Spar	
Spect Ref Lo Att SGL Co	rum evel	20.00 dE	Sm Offset	2.38 dB 🧉	NVNT g 24	12MHz Ant1			-0.15 dBm
Spect Ref Lo Att SGL Co	rum evel	20.00 dE	Sm Offset	2.38 dB 🧉	NVNT g 24	12MHz Ant1 Mode Auto S M1[1]			-0.15 dBm 2.3970 GHz
Spect Ref Li Att SGL Co 1Pk M	rum evel ount 1 ax	20.00 dE	Sm Offset	2.38 dB 🧉	NVNT g 24	12MHz Ant1 Mode Auto S			-0.15 dBm
Spect Ref L Att SGL Cc 1Pk M 10 dBm 0 dBm-	rum evel ount 1 ax	20.00 dE	Sm Offset	2.38 dB 🧉	NVNT g 24	12MHz Ant1 Mode Auto S M1[1]		•	-0.15 dBm 2.3970 GHz -46.85 dBm
Spect RefL SGL Cc 1Pk M 10 dBm	rum evel ount 1 ax	20.00 dE	Sm Offset	2.38 dB 🧉	NVNT g 24	12MHz Ant1 Mode Auto S M1[1]		•	-0.15 dBm 2.3970 GHz -46.85 dBm
Spect Ref L Att SGL Cc 1Pk M 10 dBm 0 dBm-	rum evel	20.00 dE	Sm Offset dB SWT	2.38 dB 🧉	NVNT g 24	12MHz Ant1 Mode Auto S M1[1]		•	-0.15 dBm 2.3970 GHz -46.85 dBm
Spect Ref L Att SGL Co 1Pk M 10 dBm 0 dBm-	rum evel ount 1 ax	20.00 dE 30	Sm Offset dB SWT	2.38 dB 🧉	NVNT g 24	12MHz Ant1 Mode Auto S M1[1]		•	-0.15 dBm 2.3970 GHz -46.85 dBm
Spect Ref Lu SGL Co 1Pk M 10 dBm 0 dBm- -10 dBm -20 dBm	rum evel uunt 1 ax	20.00 dE 30	Sm Offset dB SWT	2.38 dB 🧉	NVNT g 24	12MHz Ant1 Mode Auto S M1[1]		•	-0.15 dBm 2.3970 GHz -46.85 dBm
Spect Ref L SGL Cc IPk M 10 dBm 0 dBm- -10 dBm -20 dBm	rum evel uunt 1 ax	20.00 dE 30	Sm Offset dB SWT	2.38 dB 🧉	NVNT g 24	12MHz Ant1 Mode Auto S M1[1]		•	-0.15 dBm 2.3970 GHz -46.85 dBm
Spect Ref Lu SGL Co 1Pk M 10 dBm 0 dBm- -10 dBm -20 dBm	rum evel ount 1 ax	20.00 dE 30 . .0/10	Sm Offset dB SWT	2.38 dB 265 ms	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1]	weep		-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Ref Li SGL Cc IPk M 10 dBm 0 dBm- -10 dBm -20 dBm -30 dBm	rum evel ax M1	20.00 dE 30 . .0/10	Sm Offset dB SWT	2.38 dB 265 ms	NVNT g 24	12MHz Ant1 Mode Auto S M1[1]	weep		-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Ref L SGL Cr PIPk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm	rum evel uunt 1 ax M1	20.00 dE 30 . .0/10	Sm Offset dB SWT	2.38 dB 265 ms	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1]	weep		-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Ref L SGL Cc JPPk M 0 dBm- -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm	rum evel uunt 1 ax M1	20.00 dE 30 . .0/10	Sm Offset dB SWT	2.38 dB 265 ms	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1]	weep		-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Ref L SGL Cr PIPk M 10 dBm- -10 dBm- -10 dBm- -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm	M1	20.00 dE 30 0 .0/10	Sm Offset dB SWT	2.38 dB 265 ms	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1]	weep	A women heads	-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Reft SGL Cc 10 dBm 0 dBm- 10 dBm -10 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm	M1	20.00 dE 30 0 .0/10	Sm Offset dB SWT	2.38 dB 265 ms	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1]	weep	A women heads	-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Ref L SGL Cc P1Pk M 10 dBm -10 dBm -10 dBm -30 d	M1	20.00 dE 30 1 .0/10	Sm Offset dB SwT	2.38 dB 265 ms 2	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1] M2[1]		A women heads	-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Ref L SGL Cc PIPk M SGL Cc PIPk M 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm -40 dBm -30 dBm	M1	20.00 dE 30 0 0/10	Sim Offset dB SwT 37 dBm MB MB MB X-valu 2.3	2.38 dB 265 ms	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		AurMu/ush	-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Ref L SGL Cc P1Pk M 10 dBm -10 dBm -10 dBm -30 d	M1	20.00 dE 30 1 .0/10	Sim Offset dB SWT	2.38 dB 265 ms 2	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		AurMu/ush	-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz
Spect Ref L 9 Att SGL Cc 9 IPk M 10 dBm -10 dBm -10 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dB	M1	20.00 dE 30 0 .0/10 01 -19.95	Sim Offset dB SWT 37 dBm 38 MB 39 MB 39 MB 39 MB 39 MB 30 MB 31 MB 32 MB 33 MB 34 MB 35 MB 36 MB 37 MB 38 MB 39 MB	2.38 dB 265 ms 2	NVNT g 24	12MHz Ant1 Mode Auto S M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		AurMu/ush	-0.15 dBm 2.3970 GHz -46.85 dBm 7.2298 GHz

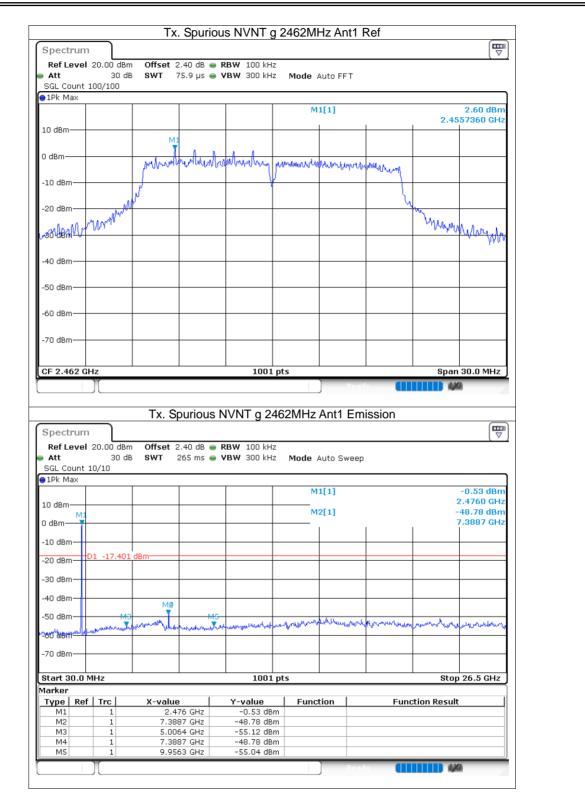




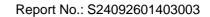






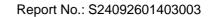






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Spect Ref Le Att	rum	20.00 d 30		t 2.38 dB 🖷	NVNT n20 24				
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Spect Ref Lo Att SGL Co 1Pk Ma	rum evel	20.00 d 30	Bm Offse	t 2.38 dB 🖷	NVNT n20 24 RBW 100 kHz	412MHz Ant1			-0.86 dBm
Spect Ref Lo Att SGL Co 1Pk Ma	rum evel	20.00 d 30	Bm Offse	t 2.38 dB 🖷	NVNT n20 24 RBW 100 kHz	412MHz Ant1 Mode Auto Sw			
Spect	rum evel	20.00 d 30	Bm Offse	t 2.38 dB 🖷	NVNT n20 24 RBW 100 kHz	412MHz Ant1 Mode Auto Sw			-0.86 dBm 2.4230 GHz
Spect RefLa SGL Co 1Pk Ma 0 dBm	rum evel	20.00 d 30	Bm Offse	t 2.38 dB 🖷	NVNT n20 24 RBW 100 kHz	412MHz Ant1 Mode Auto Sw			-0.86 dBm 2.4230 GHz 46.83 dBm
Spect Ref Lo SGL Co 1Pk Ma .0 dBm- 10 dBm-	rum evel	20.00 d 30	Bm Offse dB SWT	t 2.38 dB 🖷	NVNT n20 24 RBW 100 kHz	412MHz Ant1 Mode Auto Sw			-0.86 dBm 2.4230 GHz 46.83 dBm
Spect Ref Lo Att SGL Co 1Pk Ma 0 dBm 0 dBm 1 dBm 10 dBm 20 dBm	rum evel uunt 1 sx	20.00 d 30 .0/10	Bm Offse dB SWT	t 2.38 dB 🖷	NVNT n20 24 RBW 100 kHz	412MHz Ant1 Mode Auto Sw			-0.86 dBm 2.4230 GHz 46.83 dBm
Spect Ref Lo SGL Co 1Pk Mo 0 dBm- 10 dBm 20 dBm 30 dBm	rum evel uunt 1 ax	20.00 d 30 .0/10	Bm Offse dB SWT	t 2.38 dB 265 ms	NVNT n20 24 RBW 100 kHz	412MHz Ant1 Mode Auto Sw			-0.86 dBm 2.4230 GHz 46.83 dBm
Spect Ref Lo SGL Co SGL Co 11Pk M. 0 dBm- 0 dBm- 10 dBm- 20 dBm 30 dBm	rum evel uunt 1 ax M1	20.00 d 30 .0/10	Bm Offse dB SWT	t 2.38 dB 265 ms	NVNT n20 24 RBW 100 kHz	412MHz Ant1 Mode Auto Sw			-0.86 dBm 2.4230 GHz 46.83 dBm
Spect Ref Lo SGL Co SGL Co 11Pk M. 0 dBm- 0 dBm- 10 dBm- 20 dBm 30 dBm	rum evel uunt 1 ax M1	20.00 d 30 .0/10	Bm Offse dB SWT	t 2.38 dB 265 ms 	NVNT n20 24 RBW 100 kHz VBW 300 kHz	412MHz Ant1 Mode Auto Sw			-0.86 dBm 2.4230 GHz 46.83 dBm
Spect Ref Lo Att SGL Co 1Pk Ma .0 dBm 0 dBm 10 dBm 20 dBm	rum evel ax M1	20.00 d 30 .0/10	Bm Offse dB SWT	t 2.38 dB 265 ms 	NVNT n20 24 RBW 100 kHz VBW 300 kHz	412MHz Ant1 Mode Auto Sw M1[1] M2[1]			-0.86 dBm .4230 GHz 46.83 dBm .2298 GHz
Spect Ref LL SGL Ca 1Pk M. 0 dBm- 10 dBm- 10 dBm- 10 dBm- 30 dBm 30 dBm 30 dBm 50 dBm	M1	20.00 d 30 .0/10	Bm Offse dB SWT	t 2.38 dB 265 ms 	NVNT n20 24 RBW 100 kHz VBW 300 kHz	412MHz Ant1 Mode Auto Sw M1[1] M2[1]			-0.86 dBm .4230 GHz 46.83 dBm .2298 GHz
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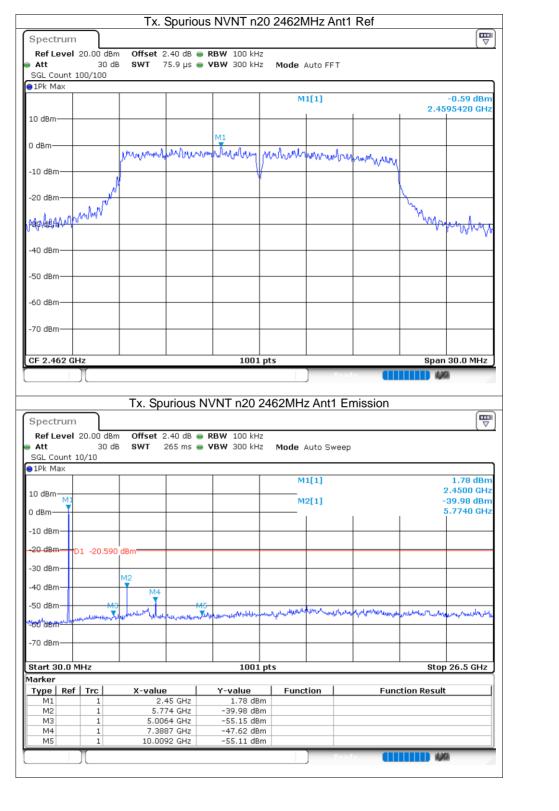




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Spectrum Ref Level Att SGL Count 1Pk Max) (1 20.00 dBm 30 dB	Offset 2.39	9 dB 👄 RB	NT n20 2	437MHz Mode A				
Spectrum Ref Level Att SGL Count DIPk Max) (1 20.00 dBm 30 dB	Offset 2.39	9 dB 👄 RB	NT n20 2	Mode A	uto Sweep			2.16 dBm 2.4500 GHz -46.62 dBm
Spectrum Ref Level Att SGL Count 1Pk Max L0 dBm 0 dBm) (1 20.00 dBm 30 dB	Offset 2.39	9 dB 👄 RB	NT n20 2	Mode A	uto Sweep			2.16 dBm 2.4500 GHz
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Spectrum Ref Level Att SGL Count 11Pk Max L0 dBm 10 dBm 10 dBm 30 dBm	20.00 dBm 30 dB 10/10	dBm	9 dB 👄 RB	NT n20 2	Mode A	uto Sweep			2.16 dBm 2.4500 GHz -46.62 dBm
Att <u>SGL Count</u> <u>1Pk Max</u> 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 30 dB 10/10	dBm	9 dB • RB 5 ms • VB	NT n20 2	Mode A	uto Sweep [[1] 2[1]			2.16 dBm 2.4500 GHz -46.62 dBm
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Spectrum Ref Level Att SGL Count 11Pk Max 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 50 dBm	D1 -19.301	dBm-MP	9 dB • RB 5 ms • VB	NT n20 2	Mode A	uto Sweep [[1] 2[1]			2.16 dBm 2.4500 GHz -46.62 dBm 7.3093 GHz
Spectrum Ref Level Att SGL Count 11Pk Max 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 50 dBm	D1 -19.301	dBm-MP	9 dB • RB 5 ms • VB	NT n20 2	Mode A	uto Sweep [[1] 2[1]			2.16 dBm 2.4500 GHz -46.62 dBm 7.3093 GHz
Spectrum Ref Level Att SGL Count 11Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm	D1 -19.301	dBm-MP	9 dB • RB 5 ms • VB	NT n20 2	437MHz Mode ۸ 	uto Sweep [[1] 2[1]		elization Number	2.16 dBm 2.4500 GHz -46.62 dBm 7.3093 GHz
Spectrum Ref Level Att SGL Count DIPk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm 70 dBm 70 dBm	D1 -19.301	dBm	9 dB • RB 5 ms • VB	NT n20 2	A37MHz Mode A 	uto Sweep [[1] 2[1]		physika Augen	2.16 dBm 2.4500 GHz 46.62 dBm 7.3093 GHz
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Spectrum Ref Level Att SGL Count 11Pk Max L0 dBm 10 dBm 10 dBm 30 dBm	D1 -19.301	0 Offset 2.39 SWT 265 dBm	9 dB RB 5 ms VB	NT n20 2	A37MHz	uto Sweep [[1] 2[1]		physika Augen	2.16 dBm 2.4500 GHz 46.62 dBm 7.3093 GHz
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Certificate #4298.01

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