

FCC RADIO TEST REPORT FCC ID: 2BGQ7-Z1455N

Product: Notebook

Trade Mark: acer Model No.: Acer One Z14-55N Family Model: N/A Report No.: S25031302507003 Issue Date: Apr. 02, 2025

Prepared for

Acer India Private Limited Embassy Heights 6th floor, No.13 Magrath Road, Next to HOSMAT Hospital, Bangalore 560025, India

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

Tel. 0755-23200050 Website: http://www.ntek.org.cn



TABLE OF CONTENTS

1	TES	ST RESULT CERTIFICATION	3			
2	2 SUMMARY OF TEST RESULTS					
3	FAC	CILITIES AND ACCREDITATIONS	5			
3	.1 .2 .3	FACILITIES LABORATORY ACCREDITATIONS AND LISTINGS MEASUREMENT UNCERTAINTY	5			
4	GE	NERAL DESCRIPTION OF EUT	6			
5	DES	SCRIPTION OF TEST MODES	8			
6	SET	TUP OF EQUIPMENT UNDER TEST	.10			
6	5.1 5.2 5.3	BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM SUPPORT EQUIPMENT EQUIPMENTS LIST FOR ALL TEST ITEMS	10 11 12			
7	TES	ST REQUIREMENTS	.14			
7 7 7 7 7 7 7 7	7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9	CONDUCTED EMISSIONS TEST RADIATED SPURIOUS EMISSION 6DB BANDWIDTH. DUTY CYCLE. MAXIMUM OUTPUT POWER. POWER SPECTRAL DENSITY CONDUCTED BAND EDGE MEASUREMENT. SPURIOUS RF CONDUCTED EMISSIONS. ANTENNA APPLICATION	.17 .27 .29 .30 .32 .34 .36 .37			
8	TES	ST RESULTS	.38			
-	.1 .2	2.4G				

Report No.: S25031302507003



1 **TEST RESULT CERTIFICATION**

Applicant's name: Acer India Private Limited		
Address:	Embassy Heights 6th floor, No.13 Magrath Road, Next to HOSMAT Hospital, Bangalore 560025, India	
Manufacturer's Name:	Acer India Pvt Ltd.	
Address Embassy Heights 6th floor, No.13 Magrath Road, Next to HOSMAT Hospital, Bangalore 560025, India		
Factory	Acer India Pvt Ltd.	
Address:	RS NO.38/2, SEDARAPET VILLAGE, VILLIANUR COMMUNE, PUDUCHHERY-605111 (INDIA PUDUCHERRY, India-605111)	
Product description		
Product name:	Notebook	
Trademark:	acer	
Model and/or type reference:	Acer One Z14-55N	
Family Model N/A		
Test Sample Number S250313025008		
Date of tests: Mar. 13, 2025 ~ Apr. 02, 2025		

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	Complied
ANSI C63.10-2013	Complied
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.

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.

Prepared By: Joe. Yan Reviewed By: Aaron Cheng Approved By: Ale (Project Engineer) (Supervisor) (Manager)

Alex Li

Report No.: S25031302507003



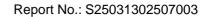
	FCC Part15 (15.247), Subpart	С	
Standard Section	Test Item	Verdict	Remark
15.207	Conducted Emission	PASS	
15.247 (a)(2)	6dB Bandwidth	PASS	
15.247 (b)	Maximum Output Power	PASS	
15.209 (a) 15.205 (a)	Radiated Spurious Emission	PASS	
15.247 (e)	Power Spectral Density	PASS	
15.247 (d) Band Edge Emission 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.

3. 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

Site Description	
CNAS-Lab.	: The Certificate Registration Number is L5516.
IC-Registration	The Certificate Registration Number is 9270A.
_	CAB identifier:CN0074
FCC- Accredited	Test Firm Registration Number: 463705.
	Designation Number: CN1184
A2LA-Lab.	The Certificate Registration Number is 4298.01
	This laboratory is accredited in accordance with the recognized
	International Standard ISO/IEC 17025:2005 General requirements for
	the competence of testing and calibration laboratories.
	This accreditation demonstrates technical competence for a defined
	scope and the operation of a laboratory quality management system
	(refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).
Name of Firm	: Shenzhen NTEK Testing Technology Co., Ltd.
Site Location	: No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Baoan
	District, Shenzhen, Guangdong, People's Republic of China.

3.3 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	Conducted Emission Test	±2.80dB
2	RF power, conducted	±0.16dB
3	Spurious emissions, conducted	±0.21dB
4	All emissions, radiated(30MHz~1GHz)	±2.64dB
5	All emissions, radiated(1GHz~6GHz)	±2.40dB
6	All emissions, radiated(>6GHz)	±2.52dB
7	Temperature	±0.5°C
8	Humidity	±2%
9	All emissions, radiated(9KHz~30MHz)	±6dB
10	Occupied bandwidth	±3.7%

NTEK LO

4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification				
Equipment Notebook				
Trade Mark	acer			
FCC ID	2BGQ7-Z1455N			
Model No.	Acer One Z14-55N			
Family Model	N/A			
Model Difference	N/A			
Operating Frequency	2412-2462MHz for 802.11b/g/11n(HT20); 2422-2452MHz for 802.11n(HT40);			
Modulation	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n;			
Number of Channels	11 channels for 802.11b/g/11n(HT20); 7 channels for 802.11n(HT40);			
Antenna Type	Antenna 1: FPC Antenna Antenna 2: FPC Antenna			
Antenna Gain	Antenna 1: 1.31dBi; Antenna 2: 1.42dBi			
Smart system	SISO for 802.11b/g/ n20/n40 MIMO for 802.11n20/n40			
Adapter	Model: ADS-26FSG-12 12024EPCU Input: 100-240V~50/60Hz Max. 0.7A Output: 12.0V2.0A 24.0W			
Battery	DC 7.6V, 5000mAh, 38Wh			
Rating	DC 7.6V from battery or DC 12V from adapter			
HW Version	N/A			
FW Version	N/A			
SW Version	WINDOWS11			

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



Revision History				
Report No.	Version	Description	Issued Date	
S25031302507003	Rev.01	Initial issue of report	Apr. 02, 2025	





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 (802.11b: 1 Mbps; 802.11g: 6 Mbps; 802.11n (HT20): MCS0; 802.11n (HT40): 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/HT40):

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

for 2.4G WIFI have two antennas, and different modes support different transmit mode what describe as Following form:

Mode	Tx/Rx
802.11b/g	1TX, 1RX
802.11n (20MHz,40MHz)	1TX, 1RX/2TX, 2RX

For 2.4GHz mode, antennas 1 and 2 are transmitting, each with a different directional gain. For MIMO mode, Directional gain= $10\log[(10^{G1/20}+10^{G2/20})^2/N_{ANT}] dBi$ Directional gain= $4.38 \le 6.0 dBi$ so power limit don't need to change 802.11n/ax(20/40) = 2.4GHz has MIMO mode.

Note: G1 means antenna gain for ANT 1 in dBi. G2 means antenna gain for ANT 2 in dBi.

N_{ANT} means the number of Antennas.



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
	11n HT40	MCS0	3/6/9	1
	11b/CCK	1 Mhno	1/6/11	
	11g/BPSK	1 Mbps 6 Mbps	1/6/11	1
Power Spectral Density	110/BP3K 11n HT20	MCS0	1/6/11	1
	11n HT40	MCS0	3/6/9	1
	11b/CCK	1 Mbps	1/6/11	1
6dB Spectrum Bandwidth	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
	11n HT40	MCS0	3/6/9	1
Radiated Emissions Below 1GHz	Normal Link	-	-	-
	11b/CCK	1 Mbpo	1/6/11	1
Radiated Emissions Above		1 Mbps		
1GHz	11g/BPSK	6 Mbps	1/6/11	1
	11n HT20	MCS0	1/6/11	1
	11n HT40	MCS0	3/6/9	1
			•	
Pand Edge Emissions	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
	11n HT40	MCS0	3/6/9	1

Report No.: S25031302507003



Certificate	#4298.01	0 023031302307003
6 SETUP OF EQUIPMENT UNDER TE		
6.1 BLOCK DIAGRAM CONFIGURATION OF T	EST SYSTEM	
For AC Conducted Emission Mode		
	AC PLUG	
C-3	Adapter	
AE-3 AE-4 Mouse Earphone		
For Radiated Test Cases		
EL	JT	
For Conducted Test Cases		
Measurement Instrument EUT		
Note:The temporary antenna connector is sold tests and this temporary antenna connector is li		



6.2 SUPPORT EQUIPMENT

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

Item	Equipment	Model/Type No.	Series No.	Note
AE-1	Adapter	ADS-26FSG-12 12024EPCU	N/A	Peripherals
AE-2	Monitor	N/A	N/A	Peripherals
AE-3	Mouse	N/A	N/A	Peripherals
AE-4	Earphone	N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	Power Cable	NO	NO	1.5m
C-2	HDMI Cable	NO	NO	1.0m
C-3	Mouse Cable	NO	NO	1.0m
C-4	Earphone Cable	NO	NO	1.2m
C-5	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".

Report No.: S25031302507003



6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation& Conducted Test equipment

		oot oquipinont			1		
Iter	Nind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Agilent	E4440A	MY4100013 0	2024.04.26	2025.04.25	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY4910006 0	2024.04.25	2025.04.24	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2024.04.25	2025.04.24	1 year
4	Test Receiver	R&S	ESPI7	101318	2024.04.26	2025.04.25	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2024.05.12	2025.05.11	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2024.04.26	2027.04.25	3 year
7	Horn Antenna	EM	EM-AH-1018 0	2011071402	2024.05.12	2027.05.11	3 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2024.05.12	2027.05.11	3 year
9	Amplifier	EMC	EMC051835 SE	980246	2024.04.25	2025.04.24	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2024.05.17	2027.05.16	3 year
11	Power Meter	DARE	RPR3006W	15I00041SN 084	2024.04.25	2025.04.24	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2023.05.06	2026.05.05	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2023.05.06	2026.05.05	3 year
14	High Test Cable(1G-40 GHz)	N/A	R-03	N/A	2022.06.17	2025.06.16	3 year
15	Filter	TRILTHIC	2400MHz	29	2024.04.26	2027.04.25	3 year
16	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

Note:

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



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

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

Measurement Software

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

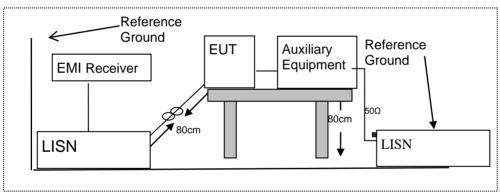
2. The lower limit shall apply at the transition frequencies

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



7.1.6 Test Results

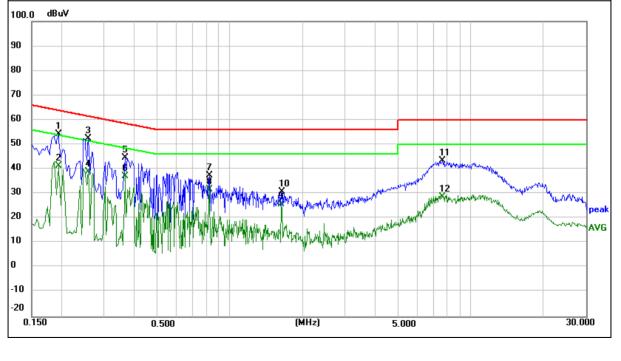
EUT:	Notebook	Model Name :	Acer One Z14-55N
Temperature:	24°C	Relative Humidity:	44%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 12V from Adapter AC 120V/60Hz	Test Mode:	Normal Link

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1940	44.19	10.07	54.26	63.86	-9.60	peak
0.1940	31.31	10.07	41.38	53.86	-12.48	AVG
0.2580	42.34	10.21	52.55	61.50	-8.95	peak
0.2580	28.69	10.21	38.90	51.50	-12.60	AVG
0.3660	34.23	10.43	44.66	58.59	-13.93	peak
0.3660	26.80	10.43	37.23	48.59	-11.36	AVG
0.8180	26.19	11.36	37.55	56.00	-18.45	peak
0.8180	20.46	11.36	31.82	46.00	-14.18	AVG
1.6340	12.86	13.04	25.90	46.00	-20.10	AVG
1.6380	17.90	13.06	30.96	56.00	-25.04	peak
7.6220	32.91	10.49	43.40	60.00	-16.60	peak
7.6220	18.14	10.49	28.63	50.00	-21.37	AVG

Remark:

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

2. Factor = Insertion Loss + Cable Loss.





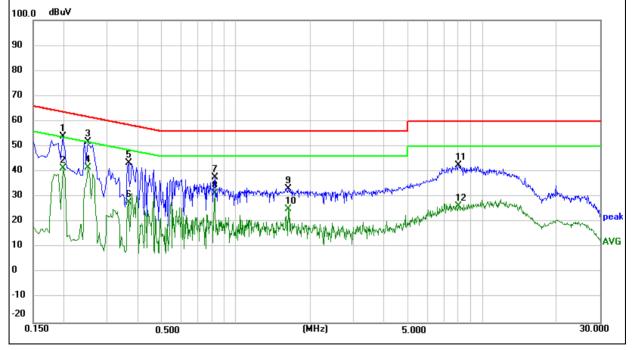
EUT:	Notebook	Model Name :	Acer One Z14-55N
Temperature:	24 °C	Relative Humidity:	44%
Pressure:	1010hPa	Phase :	Ν
Test Voltage :	DC 12V from Adapter AC 120V/60Hz	Test Mode:	Normal Link

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	- Remark
0.1980	44.32	9.51	53.83	63.69	-9.86	peak
0.1980	31.98	9.51	41.49	53.69	-12.20	AVG
0.2500	42.13	9.61	51.74	61.76	-10.02	peak
0.2500	32.02	9.61	41.63	51.76	-10.13	AVG
0.3660	33.60	9.82	43.42	58.59	-15.17	peak
0.3660	18.17	9.82	27.99	48.59	-20.60	AVG
0.8180	26.98	10.64	37.62	56.00	-18.38	peak
0.8180	20.83	10.64	31.47	46.00	-14.53	AVG
1.6340	20.87	12.30	33.17	56.00	-22.83	peak
1.6340	12.77	12.30	25.07	46.00	-20.93	AVG
8.0140	32.69	9.75	42.44	60.00	-17.56	peak
8.0140	16.49	9.75	26.24	50.00	-23.76	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 FOC Farths.200, 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);

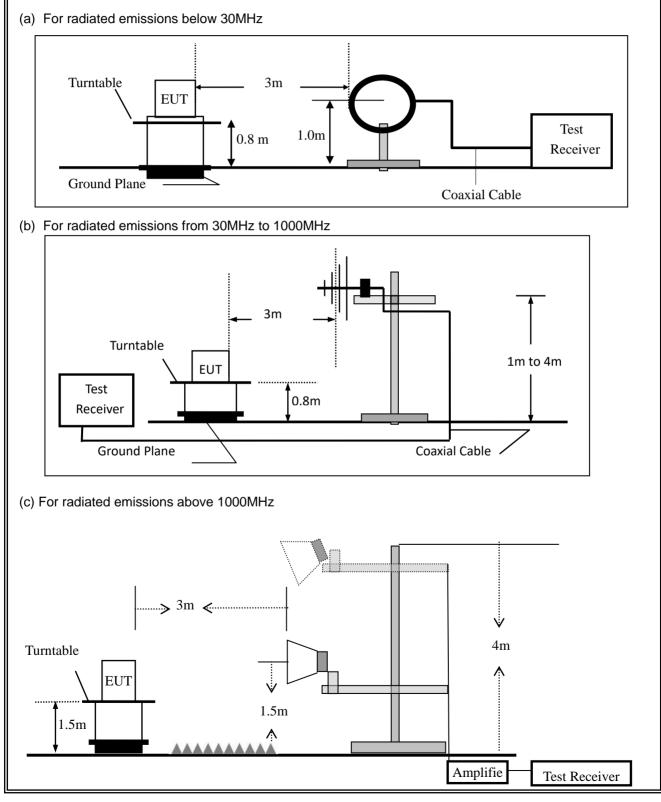
Limit line=Specific limits(dBuV) + distance extrapolation factor.



7.2.3 Measuring Instruments

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

7.2.4 Test Configuration





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 / 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^{10} [(100 [kHz]/narrower RBW [kHz])., the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

7.2.6 Test Results

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

EUT:		Notebook	N	Model No.:	Acer One Z14-55N
Tem	perature:	20 ℃	F	Relative Humidity:	48%
Test	Mode:	802.11b/g/n(HT20,	HT40) T	Гest By:	Joe.Yan

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.



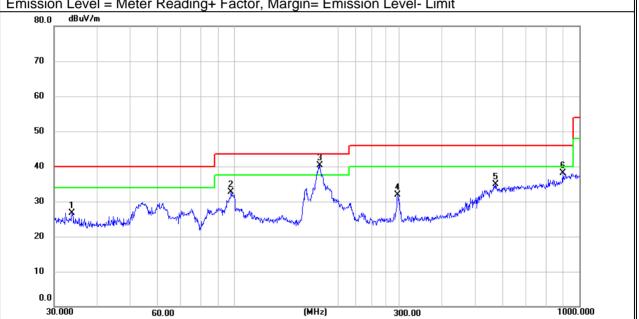
Spurious Emission below 1GHz (30MHz to 1GHz) All the modulation modes have been tested, and the worst result was report as below:

EUT:	Notebook	Model Name :	Acer One Z14-55N
Temperature:	24 ℃	Relative Humidity:	53%
Pressure:	1010hPa	Test Mode:	802.11b CH01
Test Voltage :	DC 7.6V		

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark	
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)		
V	33.7986	9.60	17.08	26.68	40.00	-13.32	peak	
V	97.7982	15.10	17.54	32.64	43.50	-10.86	peak	
V	176.8877	24.52	15.86	40.38	43.50	-3.12	peak	
V	297.2240	11.48	20.37	31.85	46.00	-14.15	peak	
V	572.6144	9.06	25.86	34.92	46.00	-11.08	peak	
V	893.8565	7.09	30.99	38.08	46.00	-7.92	peak	

Remark:







Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	60.4917	7.44	18.79	26.23	40.00	-13.77	peak
Н	105.6414	6.73	18.20	24.93	43.50	-18.57	peak
Н	176.2684	25.16	15.86	41.02	43.50	-2.48	peak
Н	299.3158	16.34	20.43	36.77	46.00	-9.23	peak
Н	742.2586	6.24	28.78	35.02	46.00	-10.98	peak
Н	893.8564	11.43	30.99	42.42	46.00	-3.58	peak
Remark: Emission 80.0	: h Level = Meter	Reading+ Fac	ctor, Margir	n= Emission Le	evel- Limit		
70 60 50 40 30	Margan and an and a second an		2				
0.0							1000.000
30.	000 6	D.00	(MHz) 3	300.00		1000.000



	Spurious Emission Above 1GHz (1GHz to 25GHz)											
EUT			otebook	,		,	el No.:	Ace	er One Z	14-55N		
Tem	nperature:	20) °C			Rela	tive Humidi					
Tes	t Mode:	80)2.11b/g	ı∕n(HT20, I	HT40)	Test	Test By: Joe.Yan					
All th	ne modulatio	on mode:	s have b	een teste	d, and the	worst resu	rst result was report as below:					
	Frequency	Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Remar	k Comment		
	(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)				
Low Channel (2412 MHz)(802.11b)Above 1G												
	4824.40	71.76	5.21	35.59	44.30	68.26	74.00	-5.74	Pk	Vertical		
	4824.40	48.26	5.21	35.59	44.30	44.76	54.00	-9.24	AV	Vertical		
	7237.09	67.66	6.48	36.27	44.60	65.81	74.00	-8.19	Pk	Vertical		
	7237.09	53.04	6.48	36.27	44.60	51.19	54.00	-2.81	AV	Vertical		
	4825.28	70.08	5.21	35.55	44.30	66.54	74.00	-7.46	Pk	Horizontal		
	4825.28	50.29	5.21	35.55	44.30	46.75	54.00	-7.25	AV	Horizontal		
	7235.21	70.05	6.48	36.27	44.52	68.28	74.00	-5.72	Pk	Horizontal		
	7235.21	50.35	6.48	36.27	44.52	48.58	54.00	-5.42	AV	Horizontal		
			Ν	/liddle Char	nnel (2437	MHz)(802.1	1b)Above 1	G				
	4874.85	69.71	5.21	35.66	44.20	66.38	74.00	-7.62	Pk	Vertical		
	4874.85	50.26	5.21	35.66	44.20	46.93	54.00	-7.07	AV	Vertical		
	7310.57	66.90	7.10	36.50	44.43	66.07	74.00	-7.93	Pk	Vertical		
	7310.57	49.22	7.10	36.50	44.43	48.39	54.00	-5.61	AV	Vertical		
	4874.60	66.57	5.21	35.66	44.20	63.24	74.00	-10.76	Pk	Horizontal		
ſ	4874.60	50.98	5.21	35.66	44.20	47.65	54.00	-6.35	AV	Horizontal		
	7311.77	68.50	7.10	36.50	44.43	67.67	74.00	-6.33	Pk	Horizontal		
	7311.77	49.09	7.10	36.50	44.43	48.26	54.00	-5.74	AV	Horizontal		
				High Chanı	nel (2462 N	/Hz)(802.11	b)Above 10	G				
	4924.67	68.17	5.21	35.52	44.21	64.69	74.00	-9.31	Pk	Vertical		
	4924.67	48.82	5.21	35.52	44.21	45.34	54.00	-8.66	AV	Vertical		
	7385.62	66.88	7.10	36.53	44.60	65.91	74.00	-8.09	Pk	Vertical		
	7385.62	50.85	7.10	36.53	44.60	49.88	54.00	-4.12	AV	Vertical		
	4925.15	65.36	5.21	35.52	44.21	61.88	74.00	-12.12	Pk	Horizontal		
	4925.15	47.07	5.21	35.52	44.21	43.59	54.00	-10.41	AV	Horizontal		
Γ	7385.65	70.26	7.10	36.53	44.60	69.29	74.00	-4.71	Pk	Horizontal		
Γ	7385.65	49.07	7.10	36.53	44.60	48.10	54.00	-5.90	AV	Horizontal		

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.: S25031302507003

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

41 <u> </u>	I the modulation modes have been tested, and the worst result was report as below:									
	Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
	(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	
					8	02.11b				
	2310.00	71.10	2.97	27.80	43.80	58.07	74	-15.93	Pk	Horizontal
	2310.00	50.05	2.97	27.80	43.80	37.02	54	-16.98	AV	Horizontal
	2310.00	70.95	2.97	27.80	43.80	57.92	74	-16.08	Pk	Vertical
	2310.00	53.77	2.97	27.80	43.80	40.74	54	-13.26	AV	Vertical
	2390.00	70.41	3.14	27.21	43.80	56.96	74	-17.04	Pk	Vertical
	2390.00	55.49	3.14	27.21	43.80	42.04	54	-11.96	AV	Vertical
ſ	2390.00	71.89	3.14	27.21	43.80	58.44	74	-15.56	Pk	Horizontal
ſ	2390.00	50.89	3.14	27.21	43.80	37.44	54	-16.56	AV	Horizontal
ſ	2483.50	70.66	3.58	27.70	44.00	57.94	74	-16.06	Pk	Vertical
ſ	2483.50	49.26	3.58	27.70	44.00	36.54	54	-17.46	AV	Vertical
ſ	2483.50	75.36	3.58	27.70	44.00	62.64	74	-11.36	Pk	Horizontal
ſ	2483.50	55.37	3.58	27.70	44.00	42.65	54	-11.35	AV	Horizontal
ſ					8	02.11g				
ſ	2310.00	69.68	2.97	27.80	43.80	56.65	74	-17.35	Pk	Horizontal
ſ	2310.00	49.88	2.97	27.80	43.80	36.85	54	-17.15	AV	Horizontal
ſ	2310.00	71.80	2.97	27.80	43.80	58.77	74	-15.23	Pk	Vertical
Ī	2310.00	54.15	2.97	27.80	43.80	41.12	54	-12.88	AV	Vertical
Ī	2390.00	71.00	3.14	27.21	43.80	57.55	74	-16.45	Pk	Vertical
ſ	2390.00	55.16	3.14	27.21	43.80	41.71	54	-12.29	AV	Vertical
Ī	2390.00	72.21	3.14	27.21	43.80	58.76	74	-15.24	Pk	Horizontal
ſ	2390.00	50.45	3.14	27.21	43.80	37.00	54	-17.00	AV	Horizontal
Ī	2483.50	71.32	3.58	27.70	44.00	58.60	74	-15.40	Pk	Vertical
ſ	2483.50	50.80	3.58	27.70	44.00	38.08	54	-15.92	AV	Vertical
ſ	2483.50	74.76	3.58	27.70	44.00	62.04	74	-11.96	Pk	Horizontal
Ī	2483.50	55.77	3.58	27.70	44.00	43.05	54	-10.95	AV	Horizontal
					802	2.11n20				
ſ	2310.00	71.62	2.97	27.80	43.80	58.59	74	-15.41	Pk	Horizontal
	2310.00	49.81	2.97	27.80	43.80	36.78	54	-17.22	AV	Horizontal
Ī	2310.00	73.01	2.97	27.80	43.80	59.98	74	-14.02	Pk	Vertical
Ī	2310.00	53.41	2.97	27.80	43.80	40.38	54	-13.62	AV	Vertical
Ī	2390.00	69.04	3.14	27.21	43.80	55.59	74	-18.41	Pk	Vertical
Ī	2390.00	55.52	3.14	27.21	43.80	42.07	54	-11.93	AV	Vertical
ľ	2390.00	72.74	3.14	27.21	43.80	59.29	74	-14.71	Pk	Horizontal
ľ	2390.00	50.49	3.14	27.21	43.80	37.04	54	-16.96	AV	Horizontal
Ī	2483.50	71.64	3.58	27.70	44.00	58.92	74	-15.08	Pk	Vertical
ľ	2483.50	51.26	3.58	27.70	44.00	38.54	54	-15.46	AV	Vertical
ľ	2483.50	73.67	3.58	27.70	44.00	60.95	74	-13.05	Pk	Horizontal
ľ	2483.50	53.41	3.58	27.70	44.00	40.69	54	-13.31	AV	Horizontal



Report No.: S25031302507003

	802.11n40												
2310.00	70.86	2.97	27.80	43.80	57.83	74	-16.17	Pk	Horizontal				
2310.00	49.00	2.97	27.80	43.80	35.97	54	-18.03	AV	Horizontal				
2310.00	72.88	2.97	27.80	43.80	59.85	74	-14.15	Pk	Vertical				
2310.00	55.26	2.97	27.80	43.80	42.23	54	-11.77	AV	Vertical				
2390.00	71.23	3.14	27.21	43.80	57.78	74	-16.22	Pk	Vertical				
2390.00	63.46	3.14	27.21	43.80	50.01	54	-3.99	AV	Vertical				
2390.00	71.09	3.14	27.21	43.80	57.64	74	-16.36	Pk	Horizontal				
2390.00	52.05	3.14	27.21	43.80	38.60	54	-15.40	AV	Horizontal				
2483.50	71.13	3.58	27.70	44.00	58.41	74	-15.59	Pk	Vertical				
2483.50	51.16	3.58	27.70	44.00	38.44	54	-15.56	AV	Vertical				
2483.50	75.22	3.58	27.70	44.00	62.50	74	-11.50	Pk	Horizontal				
2483.50	54.68	3.58	27.70	44.00	41.96	54	-12.04	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	69.30	4.04	29.57	44.70	58.21	74	-15.79	Pk	Vertical
3260	52.44	4.04	29.57	44.70	41.35	54	-12.65	AV	Vertical
3260	71.09	4.04	29.57	44.70	60.00	74	-14.00	Pk	Horizontal
3260	50.38	4.04	29.57	44.70	39.29	54	-14.71	AV	Horizontal
3332	67.54	4.26	29.87	44.40	57.27	74	-16.73	Pk	Vertical
3332	49.41	4.26	29.87	44.40	39.14	54	-14.86	AV	Vertical
3332	69.87	4.26	29.87	44.40	59.60	74	-14.40	Pk	Horizontal
3332	51.30	4.26	29.87	44.40	41.03	54	-12.97	AV	Horizontal
17797	50.14	10.99	43.95	43.50	61.58	74	-12.42	Pk	Vertical
17797	40.39	10.99	43.95	43.50	51.83	54	-2.17	AV	Vertical
17788	51.93	11.81	43.69	44.60	62.83	74	-11.17	Pk	Horizontal
17788	36.00	11.81	43.69	44.60	46.90	54	-7.10	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:	Notebook	Model No.:	Acer One Z14-55N
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20/n40	Test By:	Joe.Yan

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:	Notebook	Model No.:	Acer One Z14-55N
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20/n40	Test By:	Joe.Yan

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

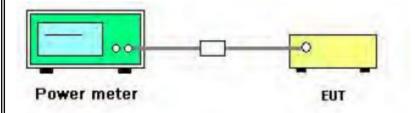
The maximum peak conducted output power of the intentional radiator for systems using digital modulation in the 2400 - 2483.5 MHz bands shall not exceed: 1 Watt (30dBm). If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be 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	PK

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:	Notebook	Model No.:	Acer One Z14-55N
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20/n40	Test By:	Joe.Yan

Note: For 802.11n has MIMO mode. Directional gain=4.38 dBi 4.38 dBi ${<}6.0$ dBi so power limit don't need to change

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 kHz \leq RBW \leq 100 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:	Notebook	Model No.:	Acer One Z14-55N
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20/n40	Test By:	Joe.Yan

Note: For 802.11n has MIMO mode. Directional gain=4.38 dBi 4.38 dBi<6.0 dBi so power limit don't need to change Test data reference attachment.

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:	Notebook	Model No.:	Acer One Z14-55N
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	802.11b/g/n20/n40	Test By:	Joe.Yan

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.



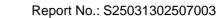
7.9 ANTENNA APPLICATION

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 FPC Antenna . It comply with the standard requirement.





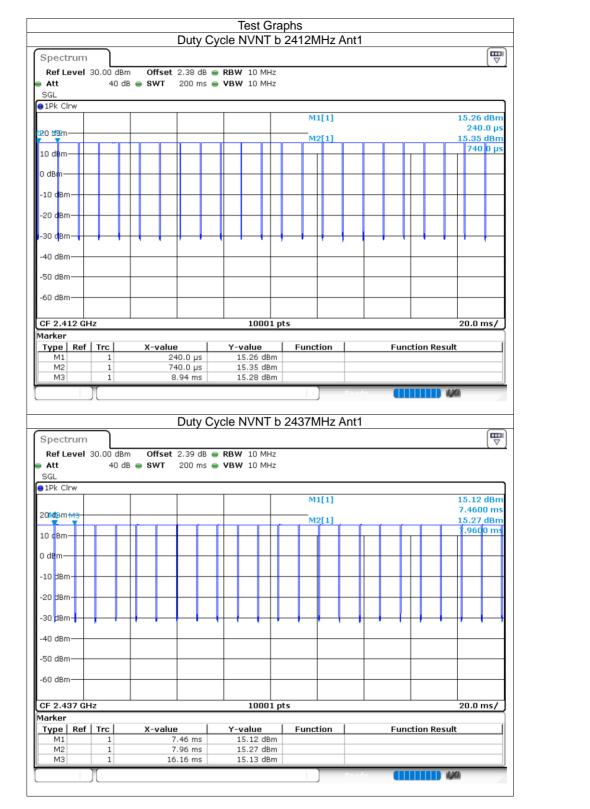
8 TEST RESULTS

8.1 2.4G

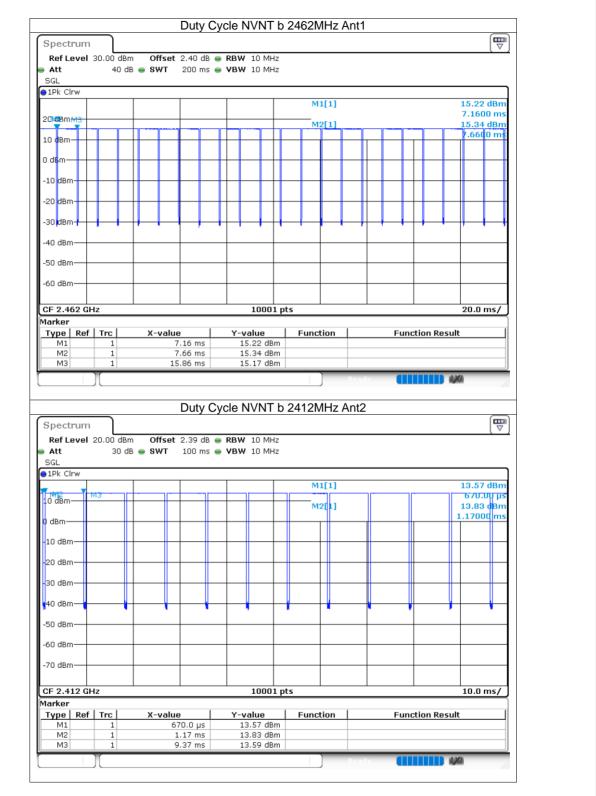
8.1.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	94.46	0.25	0.12
NVNT	b	2437	Ant1	94.46	0.25	0.12
NVNT	b	2462	Ant1	94.46	0.25	0.12
NVNT	b	2412	Ant2	94.12	0.26	0.12
NVNT	b	2437	Ant2	94.61	0.24	0.12
NVNT	b	2462	Ant2	94.11	0.26	0.12
NVNT	g	2412	Ant1	73.51	1.34	0.74
NVNT	g	2437	Ant1	73.52	1.34	0.73
NVNT	g	2462	Ant1	74.01	1.31	0.74
NVNT	g	2412	Ant2	73.51	1.34	0.73
NVNT	g	2437	Ant2	73.52	1.34	0.73
NVNT	g	2462	Ant2	73.52	1.34	0.73
NVNT	n20	2412	Ant1	72.23	1.41	0.79
NVNT	n20	2437	Ant1	72.15	1.42	0.78
NVNT	n20	2462	Ant1	72.27	1.41	0.78
NVNT	n20	2412	Ant2	72.41	1.4	0.79
NVNT	n20	2437	Ant2	72.09	1.42	0.78
NVNT	n20	2462	Ant2	72.53	1.39	0.79
NVNT	n40	2422	Ant1	56.82	2.45	1.56
NVNT	n40	2437	Ant1	56.71	2.46	1.59
NVNT	n40	2452	Ant1	56.85	2.45	1.56
NVNT	n40	2422	Ant2	56.69	2.46	1.59
NVNT	n40	2437	Ant2	56.63	2.47	1.59
NVNT	n40	2452	Ant2	56.65	2.47	1.59

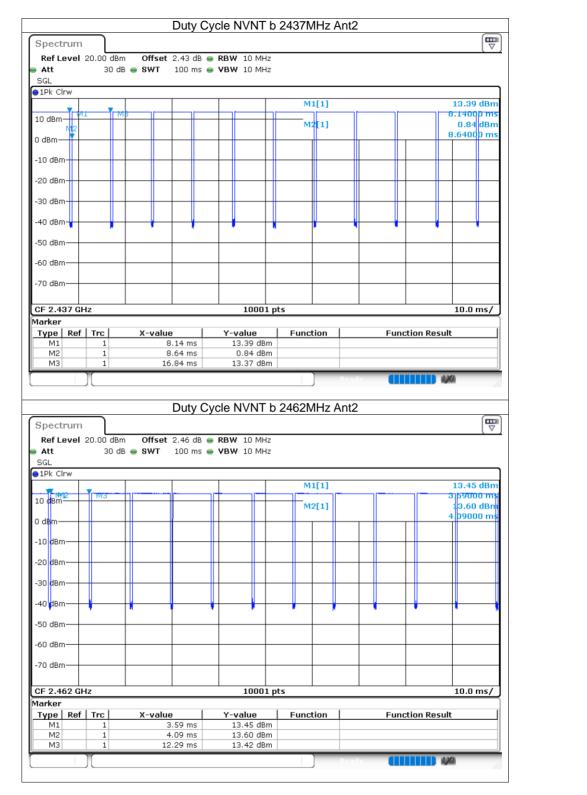








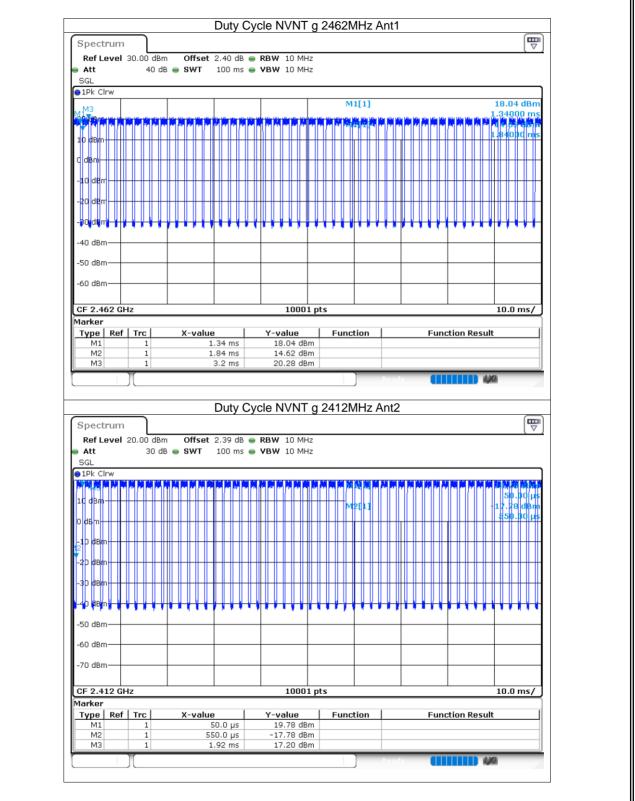




















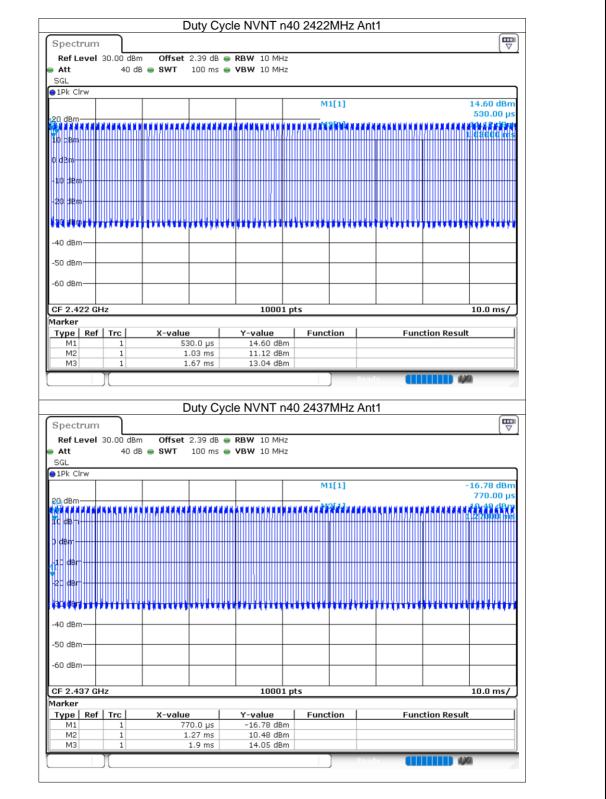




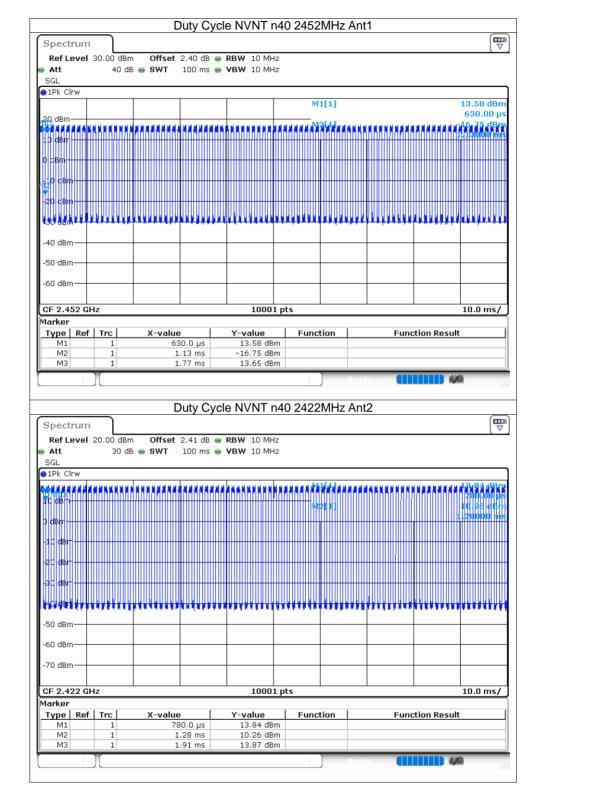














Spectrun	n	24,0	ycle NVNT n4			
	 I 20.00 dBm	n Offset 2.43 dB	😑 RBW 10 MHz			(•)
Att			🔵 VBW 10 MHz			
SGL 1Pk Clrw						
				nunu Mililiuu i		. 13.49 dBm
10 JEm				Morte		1000000 ms
0 d5m				11146.44		1.82000 ms
+10 dBm						
-20 d2m						
-30 d2m						
401-0						
	*******			*****		
-50 dBm						
-60 dBm						
-70 dBm						
CF 2.437 (Marker	GHz		10001 p	ts		10.0 ms/
Type Re	f Trc	X-value	Y-value	Function	Function Res	ult
M1 M2	1	1.01 ms 1.52 ms	13.49 dBm 9.87 dBm			
M3	1	2.15 ms	13.48 dBm			
				R.		1 MA
		Duty C	ycle NVNT n4	0 2452MHz A	nt2	
-				0 2452MHz A	.nt2	
Ref Leve	20.00 dBm	n Offset 2.45 dB	- RBW 10 MHz	0 2452MHz A	nt2	
Ref Leve Att SGL	20.00 dBm	n Offset 2.45 dB		0 2452MHz A	int2	
Ref Leve Att SGL 1Pk Clrw	l 20.00 dBm 30 dE	n Offset 2.45 dB B SWT 100 ms	- RBW 10 MHz	0 2452MHz A	unt2	
Ref Leve Att SGL 1Pk Clrw	l 20.00 dBm 30 dE	n Offset 2.45 dB B SWT 100 ms	- RBW 10 MHz	0 2452MHz A	int2	(T)
Ref Leve Att SGL 1Pk Clrw	20.00 dBm	n Offset 2.45 dB B SWT 100 ms	- RBW 10 MHz	0 2452MHz A	int2	
Ref Leve Att SGL 1Pk Clrw	l 20.00 dBm 30 dE	n Offset 2.45 dB B SWT 100 ms	- RBW 10 MHz	0 2452MHz A	int2	
Ref Leve Att SGL 1Pk Clrw	l 20.00 dBm 30 dE	n Offset 2.45 dB B SWT 100 ms	- RBW 10 MHz	0 2452MHz A	int2	. 11.71 dBm 850 feu ps 9.77 dBm 1.35000 ms
Ref Leve Att SGL 1Pk Clrw	l 20.00 dBm 30 dE	n Offset 2.45 dB B SWT 100 ms	- RBW 10 MHz	0 2452MHz A	int2	11, 71, dava 11, 71, dava 1350,000 ps 9,77, d8m 1, 35000 ms
Ref Leve Att SGL 1Pk Clrw 1D dSm C dB n -10 dBm	l 20.00 dBm 30 dE	n Offset 2.45 dB B SWT 100 ms	- RBW 10 MHz	0 2452MHz A	.nt2	
Ref Leve Att SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm	I 20.00 dBm 30 dE	n Offset 2.45 dB	RBW 10 MHz VBW 10 MHz			11,71,480 8,50,600 9,777,48,m 1,35000 ms
Ref Leve Att SGL 1Pk Clrw 10 dSm -10 dBm -20 dBm	I 20.00 dBm 30 dE	n Offset 2.45 dB	RBW 10 MHz VBW 10 MHz		int2	11,71,480 8,50,600 9,777,48,m 1,35000 ms
Ref Leve Att SGL 1Pk Clrw 10 dSm C dB m -10 dEm -20 dEm -20 dEm	I 20.00 dBm 30 dE	n Offset 2.45 dB	RBW 10 MHz VBW 10 MHz			11,71,480 8,50,600 9,777,48,m 1,35000 ms
Ref Leve Att SGL 1Pk Clrw 1D dSm C dB n -10 dBm -20 dBm -50 dBm	I 20.00 dBm 30 dE	n Offset 2.45 dB	RBW 10 MHz VBW 10 MHz			11,71,480 8,50,600 9,777,48,m 1,35000 ms
Ref Leve Att SGL 1Pk Clrw 1D dSm -10 dSm -20 dBm -20 dBm -50 dBm -50 dBm	I 20.00 dBm 30 dE	n Offset 2.45 dB	RBW 10 MHz VBW 10 MHz			11,71,480 8,50,600 9,777,48,m 1,35000 ms
Ref Leve Att SGL 1Pk Clrw 10 dSm 10 dSm -10 dSm -20 dBm -20 dBm -50 dBm -60 dBm	I 20.00 dBm 30 dE	n Offset 2.45 dB	RBW 10 MHz VBW 10 MHz			11,71,480 8,50,600 9,777,48,m 1,35000 ms
Ref Leve Att SGL 1Pk Clrw 10 dSm 10 dSm -10 dSm -20 dBm -20 dBm -50 dBm -50 dBm -60 dBm	1 20.00 dBm 30 dE	n Offset 2.45 dB	RBW 10 MHz VBW 10 MHz			11,71,480 8,50,600 9,777,48,m 1,35000 ms
Ref Leve Att SGL 1Pk Clrw 1D dSm 1D dSm -10 dBm -20 dBm -50 dBm -50 dBm -70 dBm C dBm -70 dBm	I 20.00 dBr 30 dE	n Offset 2.45 dB 3 • SWT 100 ms	RBW 10 MHz VBW 10 MHz	ts		11, 71, day 35, 000 ms 4, 35, 000 ms 4, 35, 000 ms 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4
Ref Level Att SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm -50 dBm -60 dBm -70 dBm CF 2.452 C M1	I 20.00 dBm 30 dE	n Offset 2.45 dB 3 SWT 100 ms 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	 RBW 10 MHz VBW 10 MHz VBW 10 MHz 10 MHz 1			11, 71, day 35, 000 ms 4, 35, 000 ms 4, 35, 000 ms 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4
Att SGL SGL 1Pk Clrw PD d5m C dB 7 -10 d5m -20 d6m -20 d6m -50 d6m -50 d8m -70 d8m CF 2.452 C Marker Type Re	I 20.00 dBr 30 dE	n Offset 2.45 dB 3 SWT 100 ms	 RBW 10 MHz VBW 10 MHz VBW 10 MHz 10 MHz 	ts		11, 71, day 35, 000 ms 4, 35, 000 ms 4, 35, 000 ms 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4



8.1.2 Maximum Conducted Output Power

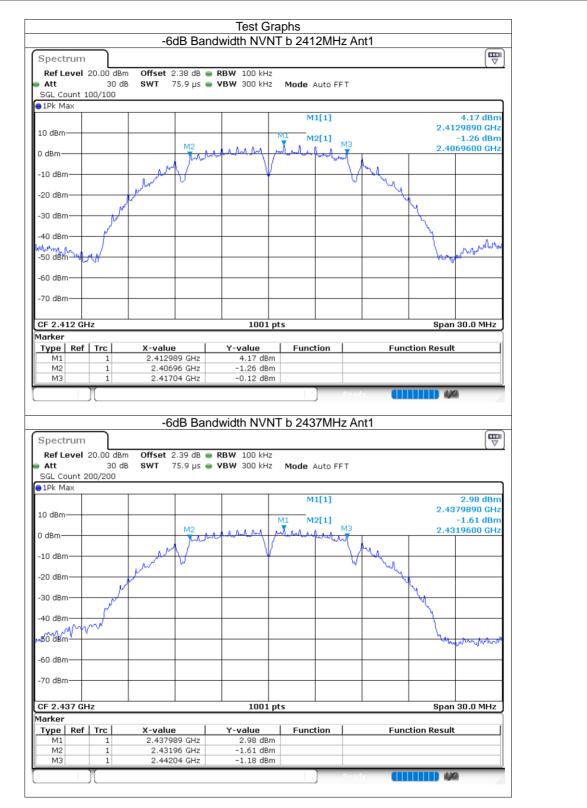
Condition	Mode	Frequency (MHz)	Antenna	Conducted Peak Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.2	30	Pass
NVNT	b	2437	Ant1	13.99	30	Pass
NVNT	b	2462	Ant1	13.67	30	Pass
NVNT	b	2412	Ant2	13.69	30	Pass
NVNT	b	2437	Ant2	13.64	30	Pass
NVNT	b	2462	Ant2	13.47	30	Pass
NVNT	g	2412	Ant1	14.19	30	Pass
NVNT	g	2437	Ant1	13.63	30	Pass
NVNT	g	2462	Ant1	13.79	30	Pass
NVNT	g	2412	Ant2	13.54	30	Pass
NVNT	g	2437	Ant2	13.19	30	Pass
NVNT	g	2462	Ant2	13.01	30	Pass
NVNT	n20	2412	Ant1	13.82	30	Pass
NVNT	n20	2437	Ant1	13.47	30	Pass
NVNT	n20	2462	Ant1	13.74	30	Pass
NVNT	n20	2412	Ant2	13.43	30	Pass
NVNT	n20	2437	Ant2	13.05	30	Pass
NVNT	n20	2462	Ant2	12.87	30	Pass
NVNT	n40	2422	Ant1	14.12	30	Pass
NVNT	n40	2437	Ant1	13.26	30	Pass
NVNT	n40	2452	Ant1	13.3	30	Pass
NVNT	n40	2422	Ant2	13.59	30	Pass
NVNT	n40	2437	Ant2	13.22	30	Pass
NVNT	n40	2452	Ant2	13.15	30	Pass



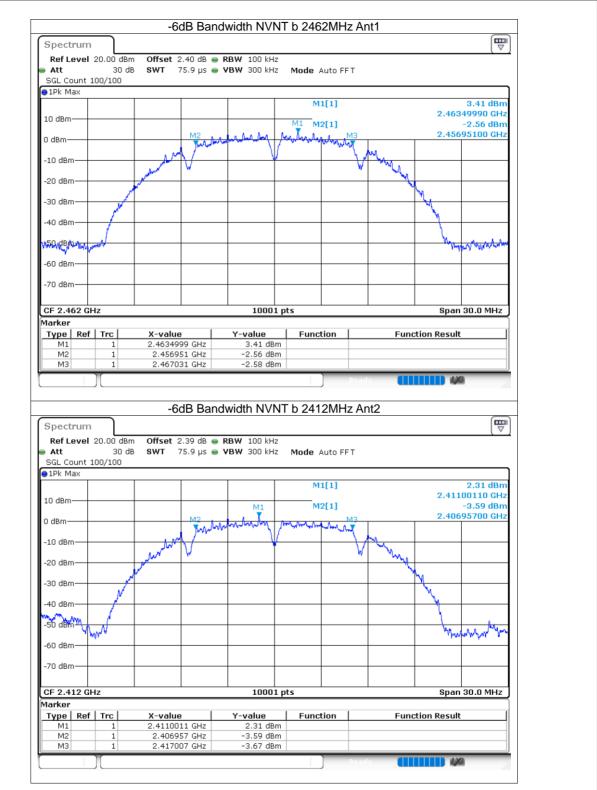
8.1.3 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.08	0.5	Pass
NVNT	b	2437	Ant1	10.08	0.5	Pass
NVNT	b	2462	Ant1	10.08	0.5	Pass
NVNT	b	2412	Ant2	10.05	0.5	Pass
NVNT	b	2437	Ant2	10.08	0.5	Pass
NVNT	b	2462	Ant2	10.077	0.5	Pass
NVNT	g	2412	Ant1	16.386	0.5	Pass
NVNT	g	2437	Ant1	14.691	0.5	Pass
NVNT	g	2462	Ant1	16.374	0.5	Pass
NVNT	g	2412	Ant2	15.312	0.5	Pass
NVNT	g	2437	Ant2	14.187	0.5	Pass
NVNT	g	2462	Ant2	16.296	0.5	Pass
NVNT	n20	2412	Ant1	14.796	0.5	Pass
NVNT	n20	2437	Ant1	16.773	0.5	Pass
NVNT	n20	2462	Ant1	15.942	0.5	Pass
NVNT	n20	2412	Ant2	17.601	0.5	Pass
NVNT	n20	2437	Ant2	17.523	0.5	Pass
NVNT	n20	2462	Ant2	14.679	0.5	Pass
NVNT	n40	2422	Ant1	35.04	0.5	Pass
NVNT	n40	2437	Ant1	35.01	0.5	Pass
NVNT	n40	2452	Ant1	35.028	0.5	Pass
NVNT	n40	2422	Ant2	36.288	0.5	Pass
NVNT	n40	2437	Ant2	35.73	0.5	Pass
NVNT	n40	2452	Ant2	35.364	0.5	Pass

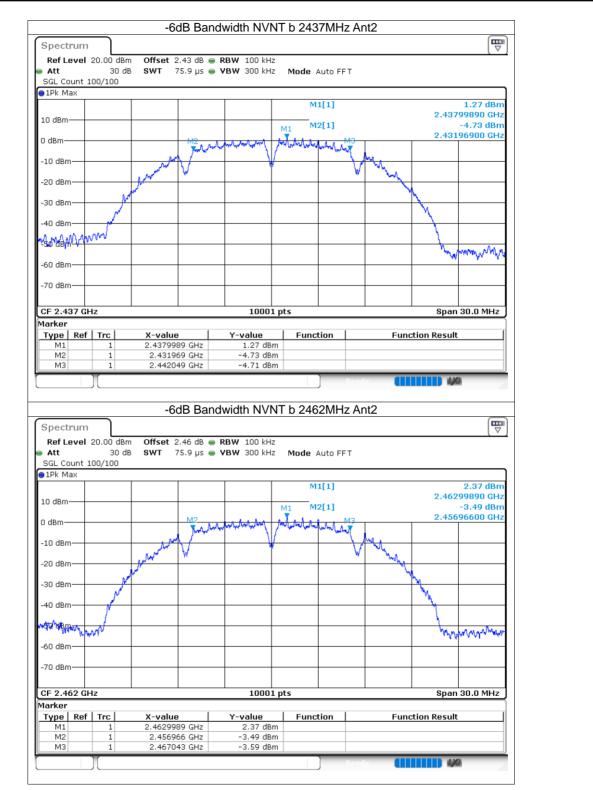














		-	6dB Bar	ndwidth NVN	IT g 2412MH	z Ant1			-
Spectrur	n								
Ref Leve				BRBW 100 kHz					
Att			75.9 µs 🧉	● VBW 300 kHz	Mode Auto FF	Т			
SGL Count 1Pk Max	(100/100	,							
an a man					M1[1]			-0.45 dBm	
10 dBm							2.413	62580 GHz	
					M2[1]		2 403	-6.45 dBm 80400 GHz	
0 dBm——		M2	Manan	1 manual providence	whenterman	AA-MANA MA M3	2.400	00100 0112	
-10 dBm		VIVO HI		<u> </u>		The second second			
		4				- \			
-20 dBm—		N				ر (.		
-30 dBm	~	J ^W	_				When were		
10 10 11	man						M. W.		
-40 dBmant	T							and the second	
-50 dBm—									
60 dp									
-60 dBm									
-70 dBm			+						
CF 2.412 (GHz			10001	pts		Span	30.0 MHz	
1arker Type Re	of Tro	X-valı	1 0	Y-value	Function	L Euro	ction Result	1	
M1	1		258 GHz	-0.45 dBm		Fuin	LION RESUL		
M2	1		804 GHz	-6.45 dBm					
MЗ	1	2.42	019 GHz						
				-6.43 dBm		Ready 🚺 z Ant1		1	-
Spectrur)(_ n)				IT g 2437MH	Peady 1 z Ant1			-
Spectrur Ref Leve		-	6dB Bar		IT g 2437MH	Ready			-
Ref Leve Att	el 20.00 30	-I dBm Offset D dB SWT	6dB Bar	Ndwidth NVN	IT g 2437MH				-
Ref Leve Att SGL Count	el 20.00 30	-I dBm Offset D dB SWT	6dB Bar	Ndwidth NVN	IT g 2437MH				-
Ref Leve Att SGL Count	el 20.00 30	-I dBm Offset D dB SWT	6dB Bar	Ndwidth NVN	IT g 2437MH Mode Auto Ff			2.33 dBm	-
Ref Leve Att SGL Count	el 20.00 30	-I dBm Offset D dB SWT	6dB Bar	Ndwidth NVN	Mode Auto FF		2.435	2.33 dBm 73410 GHz	-
Ref Leve Att SGL Count 1Pk Max	el 20.00 30	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	IT g 2437MH Mode Auto Ff			2.33 dBm 73410 GHz -3.66 dBm	-
Ref Leve Att SGL Count 1Pk Max	el 20.00 30	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .		2.33 dBm 73410 GHz	-
Ref Leve Att SGL Count 1Pk Max 10 dBm	el 20.00 30	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FF	T .		2.33 dBm 73410 GHz -3.66 dBm	-
Ref Leve Att SGL Count SGL Count IPk Max 10 dBm	el 20.00 30	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .		2.33 dBm 73410 GHz -3.66 dBm	-
Ref Leve Att SGL Count JIPk Max 10 dBm	el 20.00 30	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .		2.33 dBm 73410 GHz -3.66 dBm	-
Ref Leve Att SGL Count 1Pk Max 10 dBm	el 20.00 30 t 100/100	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .	2.429	2.33 dBm 73410 GHz -3.66 dBm	-
Ref Leve Att SGL Count 1Pk Max 10 dBm	el 20.00 30	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .		2.33 dBm 73410 GHz -3.66 dBm	-
Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	el 20.00 30 t 100/100	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .	2.429	2.33 dBm 73410 GHz -3.66 dBm	-
Ref Leve Att SGL Count SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm	el 20.00 30 t 100/100	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .	2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	-
Ref Level Att SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	el 20.00 30 t 100/100	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .	2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	
Ref Level Att SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	el 20.00 30 t 100/100	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .	2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	
Ref Level Att SGL Count SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	el 20.00 30 t 100/100	-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto Ff M1[1] M2[1]	T .	2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	
Ref Level Att SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -50 dBm -70 dBm		-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	M1	IT g 2437MH Моde Auto Ff 	T .	2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	
Ref Level Att SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm		-I dBm Offset 0 dB SWT 0	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz	IT g 2437MH Моde Auto Ff 	T .	2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	el 20.00 3(t 100/100	-(dBm Offset 0 dB SWT 	6dB Bar 2.39 dB 75.9 μs	M1 Manna M1 Manna M1 Manna M1 Manna M1 Manna M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	Mode Auto Ff M1[1] M2[1]		2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	
Att SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -60 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm		dBm Offset D dB SWT D M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	6dB Bar 2.39 dB 75.9 μs	M1	IT g 2437MH Mode Auto Ff M1[1] M2[1] MUN/MUNAN pts Function		2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	
Ref Leve Att SGL Count SGL Count 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -60 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	el 20.00 3(t 100/100	-(dBm Offset) dB SWT) M2 M2 M2 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	6dB Bar 2.39 dB 75.9 μs	RBW 100 kHz VBW 300 kHz M1 AAMMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	IT g 2437MH Mode Auto FF M1[1] M2[1]		2.429	2.33 dBm 73410 GHz -3.66 dBm 47300 GHz	



				-	6dĒ	B Band	dwid	th N√	ΝT g	g 246	2MF	lz Ar	nt1						_
Spectr	um																		P
Ref Le		 ۵.00 م	зBm	Offset	2.4	0 dB 😑	RBW	100 ki	Ηz									<u> </u>	
Att) dB			.9 µs 🕳				lode /	Auto F	FΤ							
SGL Cou		0/100	1																_
∋1Pk Ma	×																	0.45	
										м	1[1]					2.469		2 dBr 20 GH	
10 dBm—	+		+		+		+		1	м	2[1]							i6 dBr	
0 dBm—	\perp				\perp		_						M1			2.453			
				M2	Marth	water William	when	www.ww	() And the Could	March March	www	h lunga	Monutallal	13 7					
-10 dBm-	+		+	1	+		+		¥—						<u> </u>		-		-1
-20 dBm-	\square			٢	\perp		_		1					1					
		_	Mart											۳	Man-				
-30 dBm-	+	a flood	-		+		+		+						- Martin	WPM NA	<u> </u>		-1
-40 dBm	ANN	liber.														"Nh	4		
M SOUM	• W																Alle	MARA NA	
-50 dBm-	+		+		+		+		+								-	- W	~^
-60 -40																	L		
-60 dBm-			T		T		\top												
-70 dBm-	+		+		+		+		-					_			-		-11
CF 2.46	2 GHz							1000)1 pts							Span	30.0) MHz	
1arker																			
Type 1 M1	Ref	Trc 1		2.4695		GH-7		value -0.72 d	Bm	Func	tion	<u> </u>	F	unc	tion F	Result			-
M1 M2		1		2.4695				-0.72 d -6.56 d											
M3		1	_	2.470				-6.69 d											-mail I
			_		_		the second se	_		-	_	-			-	-	-	_	
					6dE	3 Bano	dwid	lth_N∨		<u> 2</u> 41) 2M⊢	Read	v (nt2_				8		
Spectro	um				6dE	3 Band	dwid	th NV		g 241	〕 2M⊦	Read	nt2				8		
Spectro Ref Lev			dBm			3 Band			'NT ç	g 241) 2MH	Read	nt2				1		7
Ref Le Att	vel 20	30) dB	Offset	: 2.3		RBW	100 ki	ŃΤ (^{Hz}				nt2				ň		7
Ref Les Att SGL Cou	vel 20 unt 100	30) dB	Offset	: 2.3	19 dB 🖷	RBW	100 ki	ŃΤ (^{Hz}				nt2				1		,
Ref Les Att SGL Cou	vel 20 unt 100	30) dB	Offset	: 2.3	19 dB 🖷	RBW	100 ki	ŃΤ (^{Hz}	1ode /	Auto F		• • • • • • • • • • • • • • • • • • •					(⊽	
Ref Les Att SGL Cou	vel 20 unt 100	30) dB	Offset	: 2.3	19 dB 🖷	RBW	100 ki	ŃΤ (^{Hz}	1ode /			v (2.414		∫⊽ 5 dBr	7) n
Ref Les Att SGL Cou	vel 20 unt 100	30) dB	Offset	: 2.3	19 dB 🖷	RBW	100 ki	ŃΤ (1ode / M	Auto F		nt2				5017 -4.3	5 dBr 70 GH 84 dBr	n Iz n
Ref Leg Att SGL Cou 1Pk May 10 dBm—	vel 20 unt 100	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT				2.414 2.404	5017 -4.3	5 dBr 70 GH 84 dBr	n Iz n
Att SGL Cou 1Pk Ma; 10 dBm— 0 dBm—	vel 20 unt 100	30) dB	Offset SWT	2.3 75.	19 dB 🖷	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT	nt2				5017 -4.3	5 dBr 70 GH 84 dBr	n Iz n
Ref Leg Att SGL Cou 1Pk Mas 10 dBm—	vel 20 unt 100	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT					5017 -4.3	5 dBr 70 GH 84 dBr	n Iz n
Ref Lev Att SGL Cou 1Pk Mas 10 dBm- 0 dBm- -10 dBm-	vel 20 unt 100	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT					5017 -4.3	5 dBr 70 GH 84 dBr	n Iz n
Ref Lev Att SGL Cou 1Pk Ma; 10 dBm 0 dBm -10 dBm -20 dBm	vel 20	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	5017 -4.3	5 dBr 70 GH 84 dBr	n Iz n
Ref Lev Att SGL Cou 1Pk Mas 10 dBm- 0 dBm- -10 dBm-	vel 20	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	5017 -4.3	5 dBr 70 GH 84 dBr	n Iz n
Ref Lev Att SGL Cou 1Pk Mas 10 dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm-	vel 20	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	-4.3 -2360	[⊽ 55 dBr 70 GH 44 dBr 00 GH	n Iz Iz
Ref Lev Att SGL Cou 1Pk Ma; 10 dBm	vel 20	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	-4.3 -2360	[⊽ 55 dBr 70 GH 44 dBr 00 GH	n Iz Iz
Ref Lev Att SGL Cou 1Pk Ma; 10 dBm	vel 20	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	-4.3 -2360	5 dBr 70 GH 84 dBr	n Iz Iz
Ref Lev Att SGL Cou 10 dBm- 0 dBm- -10 dBm- -20 dBm- -20 dBm- -30 dBm- -50 dBm-	vel 20	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	-4.3 -2360	[⊽ 55 dBr 70 GH 44 dBr 00 GH	n Iz Iz
Ref Lev Att SGL Cou 10 dBm- 0 dBm- -10 dBm- -20 dBm- -20 dBm- -30 dBm- -50 dBm-	vel 20	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	-4.3 -2360	[⊽ 55 dBr 70 GH 44 dBr 00 GH	n Iz Iz
Ref Lev Att SGL Cou IPk Max IPk Max 10 dBm- 0 dBm- -20 dBm- -30 dBm- -50 dBm- -60 dBm-	vel 20 unt 100 x ymm ymm M	30) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	-4.3 -2360	[⊽ 55 dBr 70 GH 44 dBr 00 GH	n Iz Iz
Ref Lev Att <u>SGL Cou</u> <u>SGL Cou</u>	vel 20 unt 100 × - - - - - - - - - - - - -	30 0/100) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł 300 kł		1ode / M	Auto F 1[1] 2[1]	FT			:	2.404	-4.3 -2360	[⊽ 55 dBr 70 GH 44 dBr 00 GH	n Iz Iz
Ref Lev Att SGL Cou SGL Cou IPk Max IPk Max 10 dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -50 dBm- -60 dBm- -70 dBm- -70 dBm- -70 dBm-	vel 20 unt 100 × - - - - - - - - - - - - -	30 0/100) dB	Offset SWT	2.3 75.	i9 dB 👄 .9 μs 👄	RBW VBW	100 kł		M M	Auto F 1[1] 2[1]	FT				2.404	5017 -4.3 2360	[⊽ 55 dBr 70 GH 44 dBr 00 GH	7 n 12 n 12 12 N M
Ref Let Att SGL Cou SGL Cou IPk Max IPk Max IO dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -50 dBm- -60 dBm- -70 dBm- -70 dBm- -70 dBm- -70 dBm-	vel 20 x x y y y y y z g Hz	30 0/100) dB	Offset SWT	. 2.3 75.	i9 dB 👄 .9 μs 👄		100 kł		M M M	Auto F	FT	10000 Jon		: More	2.404	5017 -4.3 22360	(⊽ 5 dBr 70 GH 14 dBr 00 GH	7 n 12 n 12 12 N M
Ref Lev Att SGL Cou IPk Max IPk Max 10 dBm 0 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -70 dBm 70 dBm 7	vel 20 unt 100 × - - - - - - - - - - - - -	30 0/100) dB	Offset SWT	· 2.3 75.	i9 dB ● .9 µs ●		100 kł 300 kł www.www. www.www. www. 1000 value	Int states	M M	Auto F	FT	10000 Jon		: More	2.404	5017 -4.3 22360	(⊽ 5 dBr 70 GH 14 dBr 00 GH	7 n 12 n 12 12 N M
Ref Let Att SGL Cou SGL Cou IPk Max IPk Max IO dBm- 0 dBm- -10 dBm- -20 dBm- -30 dBm- -50 dBm- -60 dBm- -70 dBm- -70 dBm- -70 dBm- -70 dBm-	vel 20 x x y y y y y z g Hz	30 0/100) dB	Offset SWT	2.3 75.	9 dB ● .9 µs ● w\\//\/\/\/ GHz		100 kł	HZ HZ HZ N HI D1 pts Bm	M M M	Auto F	FT	10000 Jon		: More	2.404	5017 -4.3 22360	(⊽ 5 dBr 70 GH 14 dBr 00 GH	7 n 12 n 12 12 N M
Ref Lev Att SGL Cou IPk Max IPk Max 10 dBm- 0 dBm- -20 dBm- -30 dBm- -50 dBm- -60 dBm- -70 dBm- -70 dBm- 77 dBm- 77 dBm- 77 dBm- 70 dBm-	vel 20 x x y y y y y z g Hz	30 0/100 ///////////////////////////////) dB	Offset SWT	2.3 75. 444 Ma	9 dB ● .9 µs ● 	RBW VBW	100 kł 300 kł 30	HZ HZ HZ N HZ HZ N HZ HZ HZ HZ HZ HZ HZ HZ HZ HZ HZ HZ HZ	M M M	Auto F	FT	10000 Jon		: More	2.404	5017 -4.3 22360	(⊽ 5 dBr 70 GH 14 dBr 00 GH	7 n 12 n 12 12 N M



		_		-60	в Ва	ndwi	dth NV	IN I g	2437	WHZ	Ant2						-
Spect		L															
	evel :	20.00 d					₩ 100 kH										
Att SGL Co	unt 1		dB SW	(1 7)	2.9 hz (ABJ	W 300 kł	HZ MI	ode Al	uto FFT							
●1Pk Ma		00/100															
									M1	[1]					1.37	dBm	
10 dBm·			_			_							2		73710 -4.65		
0.10							M1					_	2		-4.03 73100		
0 dBm—				Junily	www.	howard	handran	mark	namban	mmh	WHAT IN	al a desa					
-10 dBm			- "			-		V								_	
-20 dBm								<u> </u>									
20 000			and the										n.				
-30 dBm	<u>ا</u> _۱	Jan Mark	<i>.</i>			-							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m			
-40 dBm	And		_											an nord	hanne	A A.	
															"MALA	r vn Vr	
-50 dBm						\neg											
-60 dBm																	
70 40																	
-70 dBm																	
CF 2.43	37 GH	Iz					1000)1 pts					<u>ا</u>	Span	30.0	MHz	
Marker																	
Туре	Ref			value		Y	'-value		Functi	on		Fun	ction Re	esult			
M1 M2		1		435737 .42973			1.37 d -4.65 d										
MЗ		1		.44391			-4.62 d	Bm									
											eady			1,10			
		_		-60	IB Bai	ndwi	dth N∨	'NT g	2462	Ro 2MHz /	Ant2			4,40)		_
Spect									2462	P MHz	Ant2			4)4			_
Ref Le		20.00 d		fset 2.	.46 dB (RB1	₩ 100 kł	Hz									_
	evel :	30		fset 2.	.46 dB (RB1		Hz						4,46			_
Ref Lo Att	e vel :	30		fset 2.	.46 dB (RB1	₩ 100 kł	Hz	ode At	uto FFT							
Ref Lo Att SGL Co	e vel :	30		fset 2.	.46 dB (RB1	₩ 100 kł	Hz		uto FFT					-0.09	dBm	
Ref Lo Att SGL Co	e vel :	30		fset 2.	.46 dB (RB1	₩ 100 kł	Hz	ode Au M1	uto FFT			2	.464	-0.09 50770 -6.05	dBm) GHz	
Ref Lo Att SGL Co	e vel :	30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		Ma		.464	50770	dBm) GHz dBm	
Ref Lo Att SGL Co 1Pk Ma 10 dBm-	evel : ount 10 ax	30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł	Hz Hz M	ode Au M1	uto FFT		M3		.464	50770 -6.05	dBm) GHz dBm	
Ref Lo Att SGL Co 1Pk Ma 10 dBm	evel : ount 10 ax	30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		M3		.464	50770 -6.05	dBm) GHz dBm	
Ref Lo Att SGL Co 1Pk Ma 10 dBm-	evel :	30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		M3		.464	50770 -6.05	dBm) GHz dBm	
Ref Lo Att SGL Co 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm	evel :	30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		M3		.464	50770 -6.05	dBm) GHz dBm	
Ref Lo Att SGL Co 1Pk Ma 10 dBm- 10 dBm- -10 dBm- -20 dBm -30 dBm	evel :	30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		M3		1.464 1.453	50770 -6.05 85200	dBm) GHz dBm) GHz	
Ref Lo Att SGL Co 1Pk Ma 10 dBm- 10 dBm- -10 dBm- -20 dBm -30 dBm	evel :	30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		MB		1.464 1.453	50770 -6.05 85200	dBm) GHz dBm) GHz	
Ref Lo Att SGL Co 1Pk M 10 dBm 0 dBm -10 dBm -20 dBm		30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		M3		1.464 1.453	50770 -6.05 85200	dBm) GHz dBm	
Ref Lo Att SGL Co 1Pk M: 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm		30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		MB		1.464 1.453	50770 -6.05 85200	dBm) GHz dBm) GHz	
Ref Lo Att SGL Co 1Pk M 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm		30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		M3		1.464 1.453	50770 -6.05 85200	dBm) GHz dBm) GHz	
Ref Lo Att SGL Co 1Pk M: 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm		30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		M3		1.464 1.453	50770 -6.05 85200	dBm) GHz dBm) GHz	
Ref Lo Att SGL Co 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm		30	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł ₩ 300 kł	Hz Hz M	ode Au M1	uto FFT		MB		1.464 1.453	50770 -6.05 85200	dBm) GHz dBm) GHz	
Ref Lo Att SGL Co 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm		30 00/100	dB SW	fset 2. /T 7:	.46 dΒ (5.9 μs (■ RBN	₩ 100 kł	Hz Hz M	ode Au M1	uto FFT		MB	2	2.464 2.453	50770 -6.05 85200	dBm d GHz dBm d GHz	
Ref Lo Att SGL Co PR M: 10 dBm- 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm CF 2.44 Marker	evel :	300/100	M2 M2 M2 M4 M2 M4 M2 M4 M2 M4 M2 M4 M2 M4 M2 M4 M2 M4 M2 M4 M4 M2 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	fset 2.	.46 dB (5.9 μs (₩ 100 kH ₩ 300 kH	Hz Hz M		ito FFT [1] [1] Խվվելունվեր 			2	2.453 4.453 4.453 5.453	50770 -6.05 35200	dBm d GHz dBm d GHz	
Ref Lo Att SGL Co 10 dBm- -10 dBm- -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	evel :	300/100	dB SW	fset 2. /T 7:	.46 dB (5.9 μs (₩ 100 kł	HZ HZ M	ode Au M1	ito FFT [1] [1] Խվվելունվեր 			2	2.453 4.453 4.453 5.65 5.65 5.65 5.65 5.65 5.65 5.65 5.	50770 -6.05 35200	dBm d GHz dBm d GHz	
Ref Ld Att SGL Ca 10 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 -70 dBm	evel :	300/100	dB SW	fset 2. VT 7:	.46 dB 5.9 μs 		W 100 kł W 300 kł W 300 kł W 100 kł	Hz Hz M		ito FFT [1] [1] Խվվելունվեր 			2	2.453 4.453 4.453 5.65 5.65 5.65 5.65 5.65 5.65 5.65 5.	50770 -6.05 35200	dBm d GHz dBm d GHz	



	-60	B Band	width NVNT	nzu z412MI	nz Ant'i			
Spectrum								
Ref Level 20.0			RBW 100 kHz VBW 300 kHz	Mode Auto FF	т			
SGL Count 100/1		10.5 µ5 🖕	TBR SOO KIE	Mode Autorn	1			
1Pk Max	-							
				M1[1]		9 414	2.62 dBm 49880 GHz	
10 dBm				Mg12[1]			-3.21 dBm	
0 dBm	M2	1 1	Andrew	month have been	1 . IA M3	2.404	47000 GHz	
	monthmed	HAT WE ARADA A	while a present and	inun mutikan mutuk antitu	ar an fater land and the water	۱		
-10 dBm			Y					
-20 dBm						Mu.		
-30 dBm	WY .					MUNUNANA ANA		
d allows	`					"MULAN	h.	
-40 dBm							Marine Ma	
-50 dBm			_				· 'V	
-60 dBm								
-00 ubiii-								
-70 dBm								
			10001				00.0 Mil-	
CF 2.412 GHz Aarker			10001 p	uts		Span	30.0 MHz	
Type Ref Tro			Y-value	Function	<u> </u>	ction Result		
		988 GHz	2.62 dBm -3.21 dBm					
		266 GHz	-3.29 dBm					
					Ready			
					Ready 🚺			
	-6c	IB Bandv	width NVNT	n20 2437MI	Ready			
Spectrum				n20 2437MI	Peady Hz Ant1			
Ref Level 20.0	dBm Offset	2.39 dB 👄	RBW 100 kHz					
Ref Level 20.0) dBm Offset 30 dB SWT	2.39 dB 👄						
Ref Level 20.0 Att SGL Count 100/1) dBm Offset 30 dB SWT	2.39 dB 👄	RBW 100 kHz	Mode Auto FF				
Att SGL Count 100/1 1Pk Max) dBm Offset 30 dB SWT	2.39 dB 👄	RBW 100 kHz			2 439	1.57 dBm	
Ref Level 20.0 Att SGL Count 100/1) dBm Offset 30 dB SWT	2.39 dB 👄	RBW 100 kHz	Mode Auto FF				
Att SGL Count 100/1 1Pk Max	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T		1.57 dBm 48980 GHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10/1 IPk Max 10 dBm 0 dBm 0 0	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF	T		1.57 dBm 48980 GHz -4.41 dBm	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T		1.57 dBm 48980 GHz -4.41 dBm	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10/1 IPk Max 10 dBm 0 dBm 0 0	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 JIPk Max 10 dBm -10 dBm -20 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 10 10 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10/1 IPk Max 10 dBm 10 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 10 10 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1] M12[1] M12[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 10 10 dBm	0 dBm Offset 30 dB SWT 00	2.39 dB • 75.9 µs •	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1] M12[1] M12[1]	T	2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 IPk Max 10 0 dBm - -10 dBm - -20 dBm - -30 dBm - -40 dBm/M - -50 dBm - -60 dBm - -70 dBm -	M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M	2.39 dB ● 75.9 µs ●	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1] M1		2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 IPk Max 10 10 dBm - -10 dBm - -20 dBm - -30 dBm - -50 dBm - -60 dBm - -70 dBm -	OdBm Offset 30 dB SWT 00 SWT 00 M2 M2 M4 M3 M4 M4 M4 M4 M4 M3 M4 M4 M4 M4 <td>2.39 dB 75.9 μs 2.39 dB 2.39 μs 2.39 μs 2.39</td> <td>RBW 100 kHz VBW 300 kHz MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM</td> <td>Mode Auto FF M1[1] M1</td> <td></td> <td>2.428</td> <td>1.57 dBm 48980 GHz -4.41 dBm 62400 GHz</td> <td></td>	2.39 dB 75.9 μs 2.39 dB 2.39 μs 2.39	RBW 100 kHz VBW 300 kHz MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM	Mode Auto FF M1[1] M1		2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 IPk Max 10 10 dBm - -0 dBm - -20 dBm - -30 dBm - -60 dBm - -60 dBm - -70 dBm -	dBm Offset 30 dB SWT 00	2.39 dB ● 75.9 µs ●	RBW 100 kHz VBW 300 kHz	Mode Auto FF M1[1] M1		2.428	1.57 dBm 48980 GHz -4.41 dBm 62400 GHz	

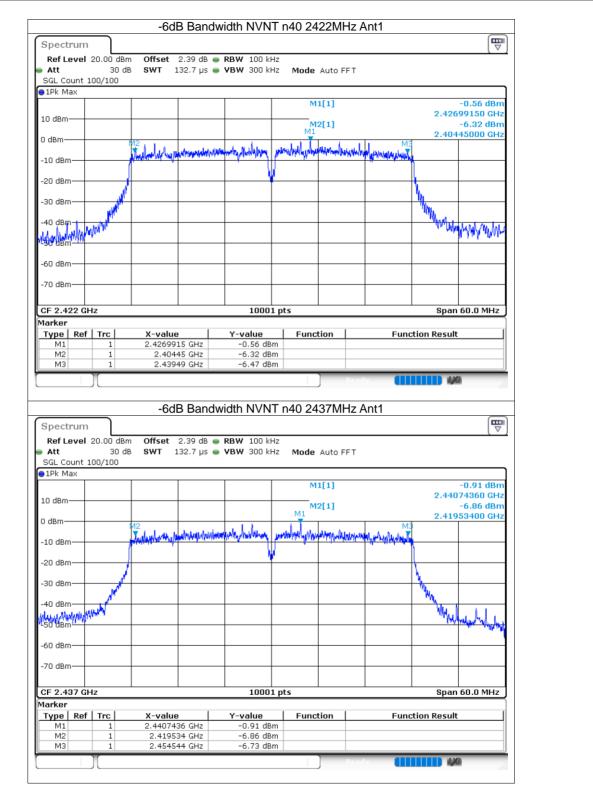


		_	-6	dB Ban	dwidth NVN	11 n20 24	62MHz	: Ant1		
Spect										
	evel	20.00 d			■ RBW 100 kH					
Att	unt 1	30 100/100	dB SWT	75.9 µs (● VBW 300 kH	Iz Mode	Auto FFT			
1Pk Ma		200, 200								
						M	1[1]			1.41 dBm
10 dBm-	-+			_			2[1]		2.460	74010 GHz -4.46 dBm
o -10					M1				2.454	21200 GHz
0 dBm—			LOLD MAL	mbarbour	humphantary	Maymenne	hampapp	MAMMANT.		
-10 dBm	<u>ו</u> רי		provide a	_						
-20 dBm			1						٩,	
-20 UBII	'		٢						MAR.	When when
-30 dBm	-+-י	100 Val							-VIANAA	
-40 dBn	man	pmV								44A.
ANN WAR	wr.									mun
-50 dBm	ו									,
-60 dBm	<u>ا</u> ل-۱			_						
-70 dBm	י+									
05.0		-								
CF 2.46 1arker		ΗZ			1000	1 pts			Span	30.0 MHz
Type		Trc	X-va	lue	Y-value	Func	tion	Fund	tion Result	
M1		1	2.460	7401 GHz	1.41 dE	3m				
M2 M3		1		4212 GHz 0154 GHz	-4.46 dE -4.54 dE					
1113		7	2.11		1.51 02	200				
			-6	dB Ban	dwidth NVN	IT n20 24) Re 12MHz	Ant2		
Spect	rum	<u> </u>	-6	idB Ban	dwidth NVN	IT n20 24) Ro 12MHz	Ant2		
		20.00 d	-		dwidth NVN	-) na 12MHz	atr 🚺		
Ref Le	evel	20.00 d 30	Bm Offset	t 2.39 dB (łz		Ant2		
Ref Le Att SGL Co	evel ount 1	20.00 d	Bm Offset	t 2.39 dB (● RBW 100 kH	łz		adv		
Ref Le Att	evel ount 1	20.00 d 30	Bm Offset	t 2.39 dB (● RBW 100 kH	lz Iz Mode	Auto FFT	ady 🛄		
Ref Le Att SGL Co	evel ount 1 ax	20.00 d 30	Bm Offset	t 2.39 dB (● RBW 100 kH	iz iz Mode M	Auto FFT 1[1]	: Ant2	2.414	-1.50 dBm 25880 GHz
Ref Le Att SGL Co	evel ount 1 ax	20.00 d 30	Bm Offset	t 2.39 dB (● RBW 100 kH	iz iz Mode M	Auto FFT	: Ant2		-1.50 dBm 25880 GHz -7.38 dBm
Ref Le SGL Co 1Pk Ma 10 dBm	evel ount 1 ax	20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]			-1.50 dBm 25880 GHz
Ref Le Att SGL Co 1Pk Ma 10 dBm-	evel	20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (● RBW 100 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]	M MMAMM		-1.50 dBm 25880 GHz -7.38 dBm
Ref Le Att SGL Co 1Pk Ma 10 dBm- 0 dBm-	evel	20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm
Ref Le Att SGL Co 1Pk Ma 10 dBm- 0 dBm-	evel	20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm
Ref Le Att SGL Co 1Pk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm	ount 1 ax	20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Le Att SGL Co 1Pk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm -30 dBm		20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Le Att SGL Co 1Pk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm -30 dBm		20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref La Att SGL Co 1Pk Ma 10 dBm- 0 dBm- -10 dBm- -20 dBm -30 dBm		20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Lo Att SGL Co 1Pk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm		20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Lo Att SGL Co 1Pk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm		20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Le Att SGL Co 1Pk Ma 10 dBm- -10 dBm- -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm		20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Ls Att SGL Co SGL Co Att SGL Co SGL		20.00 d 30	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	Iz Iz Mode M M M1	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Lo Att SGL Co 1Pk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -70 dBm		20.00 d 30 100/100	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH	IZ Mode	Auto FFT 1[1] 2[1]		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Lc Att SGL Co IPk Ma IPk Ma IO dBm- O dBm- -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm -70 dBm -70 dBm	avel ax	20.00 d 30 100/100	Bm Offsel dB SWT	t 2.39 dB i 75.9 μs i	RBW 100 kH VBW 300 kH	I pts	Auto FFT 1[1] 2[1] ////////////////////////////////////		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Att	avel ax	20.00 d 30 100/100	Bm Offset dB SWT	t 2.39 dB i 75.9 μs i	RBW 100 kH VBW 300 kH	12 12 Mode M1 M1 M1 M1 M1 M1 M1 M1 M1 M1	Auto FFT 1[1] 2[1] ////////////////////////////////////		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Lo Att SGL Co 1Pk Ma 10 dBm- 0 dBm- -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	avel ax	20.00 d 30 100/100	Bm Offsel dB SWT	t 2.39 dB (75.9 µs (RBW 100 kH VBW 300 kH VBW 300 kH 1000 1000 Y-value -1.50 dt -7.38 dt	12 12 Mode M1 M1 M1 M1 M1 M1 M1 M1 M1 M1	Auto FFT 1[1] 2[1] ////////////////////////////////////		2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz
Ref Ls SGL Co SGL CO	avel ax	20.00 d 30 100/100	Bm Offsel dB SWT	t 2.39 dB (75.9 μs (RBW 100 kH VBW 300 kH VBW 300 kH 1000 1000 Y-value -1.50 dE	12 12 Mode M1 M1 M1 M1 M1 M1 M1 M1 M1 M1	Auto FFT 1[1] 2[1] ////////////////////////////////////	Func	2.403	-1.50 dBm 25880 GHz -7.38 dBm 19800 GHz -7.38 dBm 19800 GHz -7.38 dBm 30.0 MHz

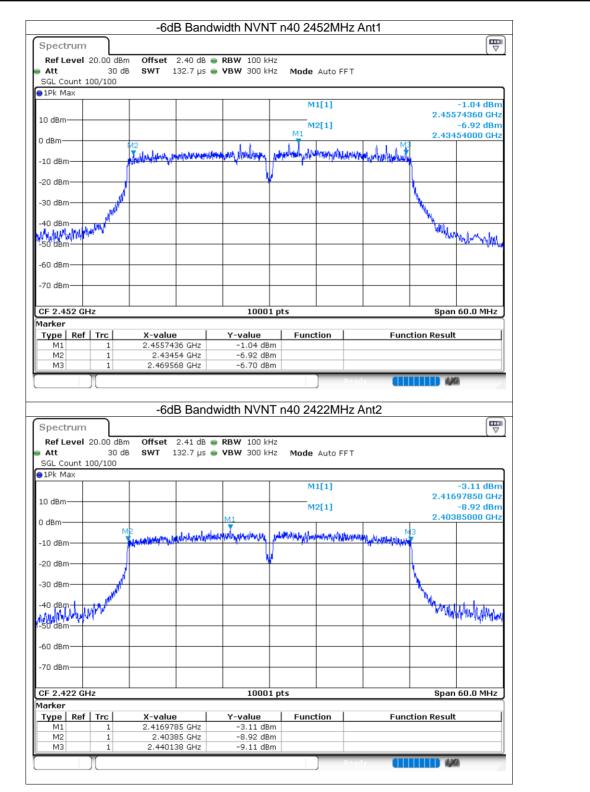


	-6dB Ban	dwidth NVNT	n20 2437MH	z Ant2	
Spectrum					
Ref Level 20.00 dB		 RBW 100 kHz VBW 300 kHz 	Mode Auto FFT		
SGL Count 100/100					
1Pk Max	1 1		M1[1]		0.05 dBm
10 dBm				2.43	950470 GHz
			M2[1]	2 42	-5.96 dBm 823700 GHz
D dBm	M2 ▼	www.www.www.ww	mmuniteration	When mount and M3	
-10 dBm	MANNAMANA			and anna navalati	
-20 dBm					
کس د	"			"May	
-30 dBm				and the second	
-90, ABMANA					- man with and
-50 dBm					ייזאעיי
-60 dBm					
-70 dBm					+1
CF 2.437 GHz		10001 p	nts		n 30.0 MHz
larker		10001		ара	
Type Ref Trc	X-value	Y-value	Function	Function Resu	lt
M1 1 M2 1	2.4395047 GHz 2.428237 GHz	0.05 dBm -5.96 dBm			
M3 1	2.44576 GHz	-5.90 dBm			
					MZ
			R	eady (111111) A	
	-6dB Ban	dwidth N\/NT	n20 2462MH	redy ()	
E postrum	-6dB Ban	dwidth NVNT	n20 2462MH	eady Contraction of a	, , , , , , , , , , , , , , , , , , ,
· _			n20 2462MH	z Ant2	, , , , , , , , , , , , , , , , , , ,
Ref Level 20.00 dB	m Offset 2.46 dB	edwidth NVNT			, , , , , , , , , , , , , , , , , , ,
Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 2.46 dB	e RBW 100 kHz			, (The second se
Ref Level 20.00 dB Att 30 d SGL Count 100/100	m Offset 2.46 dB	e RBW 100 kHz			, (₩) (∀) 1.05 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max	m Offset 2.46 dB	RBW 100 kHz VBW 300 kHz	Mode Auto FFT		1.05 dBm 074010 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm
Ref Level 20.00 dB Att 30 c SGL Count 100/100 1Pk Max 10 dBm 0 dBm 0 dBm 0 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm
Ref Level 20.00 dB Att 30 c SGL Count 100/100 1Pk Max 10 dBm 0 dBm 0 dBm 0 dBm	m Offset 2.46 dB	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 10 dBm 0 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm
Ref Level 20.00 dB Att 30 c SGL Count 100/100 1Pk Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1PK Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 JIPk Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1]	2.46 2.45	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 1Pk Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT	2.46 2.45 MMMMMMM MMMMMM MMMMMMM MMMMMMMM MMMMMM	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M1_M1_M2 M2[1] M1_M2 M2[1] M1_M2 M2[1]	2.46 2.45 2.45 000000000000000000000000000000000000	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Att 30 c SGL Count 100/100 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT	2.46 2.45 MMMMMMM MMMMMM MMMMMMM MMMMMMMM MMMMMM	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz
Ref Level 20.00 dB Att 30 d SGL Count 100/100 IPk Max 10 dBm 10 dBm	m Offset 2.46 dB B SWT 75.9 μs	RBW 100 kHz VBW 300 kHz	Mode Auto FFT M1[1] M2[1] M2[1] M2[1] M1_M1_M2 M2[1] M1_M2 M2[1] M1_M2 M2[1]	2.46 2.45 2.45 000000000000000000000000000000000000	1.05 dBm 074010 GHz -4.91 dBm 446400 GHz

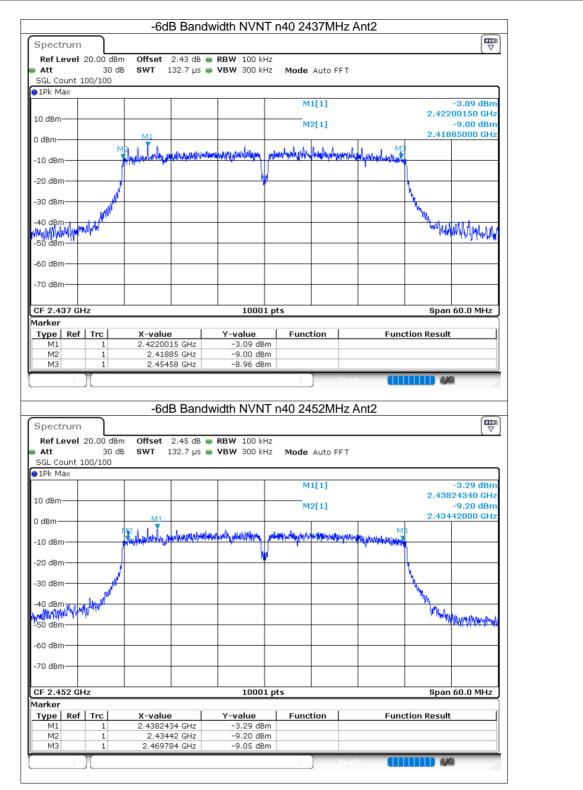














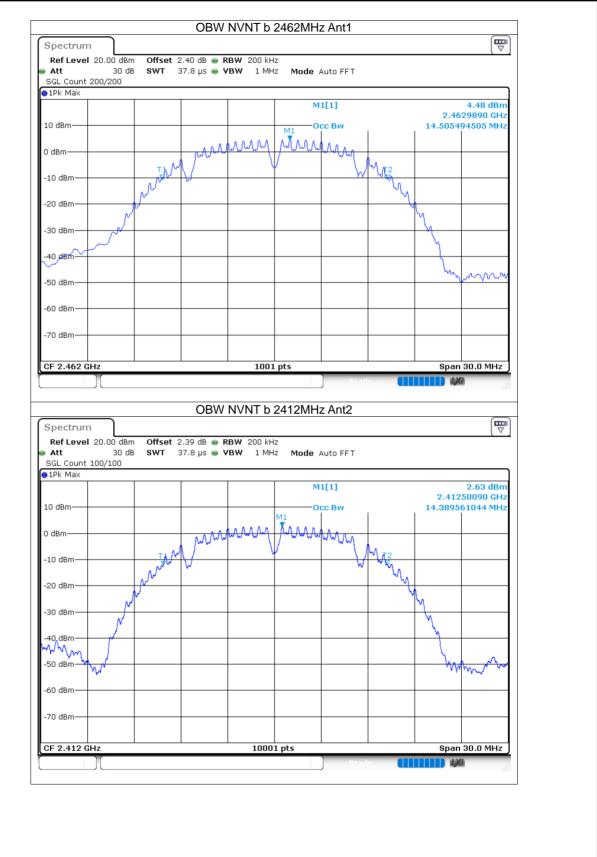
8.1.4 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.476
NVNT	b	2437	Ant1	14.565
NVNT	b	2462	Ant1	14.505
NVNT	b	2412	Ant2	14.39
NVNT	b	2437	Ant2	14.462
NVNT	b	2462	Ant2	14.318
NVNT	g	2412	Ant1	16.549
NVNT	g	2437	Ant1	16.405
NVNT	g	2462	Ant1	16.369
NVNT	g	2412	Ant2	16.39
NVNT	g	2437	Ant2	16.45
NVNT	g	2462	Ant2	16.456
NVNT	n20	2412	Ant1	17.608
NVNT	n20	2437	Ant1	17.539
NVNT	n20	2462	Ant1	17.506
NVNT	n20	2412	Ant2	17.629
NVNT	n20	2437	Ant2	17.602
NVNT	n20	2462	Ant2	17.575
NVNT	n40	2422	Ant1	36.092
NVNT	n40	2437	Ant1	36.074
NVNT	n40	2452	Ant1	36.104
NVNT	n40	2422	Ant2	36.056
NVNT	n40	2437	Ant2	36.092
NVNT	n40	2452	Ant2	36.062

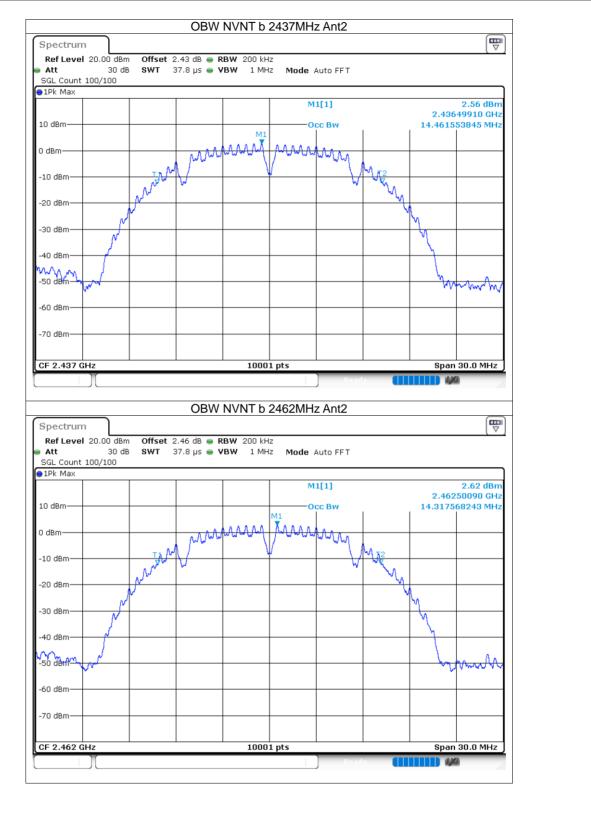














Att 🛛	20.00 dBm 30 dB		2.38 dB 👄 F 37.8 µs 👄 V		Hz Hz Mode /	Auto FFT			[4	,
SGL Count	100/100									
TER MON					M	1[1]			2.87 dB	m
10 dBm						cc Bw			304390 GH 345065 MH	
					M1			201011		
0 dBm		Thursday	to a constant	Mar way	parma	man	www.htz			-
-10 dBm		/			Y		× Y			
10 0.0111										
-20 dBm	-							\leftarrow		
-30 dBm										
\sim	/							۲. ۲	m	
40 dBm									Mr Com	5
-50 dBm										4
-60 dBm										1
-70 dBm										-11
CF 2.412 G	Hz		1	1000)1 pts			Spa	n 30.0 MHz	z
	20.00 dBm		2.39 dB 👄 F	88W 200 kH			y (11			
Ref Level Att SGL Count	20.00 dBm 30 dB		2.39 dB 👄 F	88W 200 kH			× (11			
Ref Level Att	20.00 dBm 30 dB		2.39 dB 👄 F	88W 200 kH	Hz Hz Mode ,	Auto FFT	× •••			
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB		2.39 dB 👄 F	88W 200 kH	Hz Hz Mode , M	Auto FFT	× •••	2.43	3.59 dB) 574910 GH	m
Ref Level Att SGL Count	20.00 dBm 30 dB		2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	× ••••••••••••••••••••••••••••••••••••	2.43	3.59 dB	m
Ref Level Att SGL Count 1Pk Max	20.00 dBm 30 dB		2.39 dB 👄 F	200 kH 200 kH 200 kH 200 kH	Hz Hz Mode , M	Auto FFT	W W	2.43	3.59 dB) 574910 GH	m
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	mme	2.43	3.59 dB) 574910 GH	m
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	mme	2.43	3.59 dB) 574910 GH	m
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	mme	2.43 16.405	3.59 dB 574910 GF 359464 MF	m
Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	mme	2.43 16.405	3.59 dB 574910 GF 359464 MF	m
Ref Level Att SGL Count ID dBm O dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	mme	2.43 16.405	3.59 dB 574910 GF 359464 MF	m
Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	m m	2.43	3.59 dB 574910 GF 359464 MF	m
Ref Level Att SGL Count ID dBm O dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2.43 16.405	3.59 dB 574910 GF 359464 MF	m
Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2.43 16.405	3.59 dB 574910 GF 359464 MF	m
Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT		2.43 16.405	3.59 dB 574910 GF 359464 MF	m
Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm	20.00 dBm 30 dB	SWT :	2.39 dB 👄 F 37.8 µs 👄 V	RBW 200 kH /BW 1 MH	Hz Hz Mode / M	Auto FFT		2.43 16.405	3.59 dB 574910 GF 359464 MF	m
Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	20.00 dBm 30 dB 100/100	SWT :	2.39 dB 👄 F 37.8 µs 👄 V		Hz Mode /	Auto FFT		2.43 16.405	3.59 dB/ 574910 GH 359464 MH	
Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	20.00 dBm 30 dB 100/100	SWT :	2.39 dB 👄 F 37.8 µs 👄 V		Hz Hz Mode / M	Auto FFT		2.43 16.405	3.59 dB 574910 GH 359464 MH	
Ref Level Att SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm	20.00 dBm 30 dB 100/100	SWT :	2.39 dB 👄 F 37.8 µs 👄 V		Hz Mode /	Auto FFT	×	2.43 16.405	3.59 dB 574910 GH 359464 MH	



)	ORM N	IVINI G2	2462MHz	Anti				-
Spectrum									
Ref Level 20.0 Att		2.40 dB 👄 RB' 37.8 μs 👄 VB'			uto FFT				
SGL Count 100/1									
●1Pk Max									
				MI	[1]		2.464	2.80 dBm 29180 GHz	
10 dBm					c Bw			63064 MHz	
				M1					
0 dBm	TINAW	+ + + + + + + + + + + + + + + + + + +	mananahan	Andrahad	ᢞᡗᢦᠬᢦᢝᡗᡜᢑᠵᢦ	What 2			
	7		V						
-10 dBm									
-20 dBm							2		
-20 0811							h		
-30 dBm /	~						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
							1~~1	m	
-90,AeA/								WW	
r l									
-50 dBm									
-60 dBm									
-70 dBm									
			1005						
CF 2.462 GHz			10001	1 pts			Span	30.0 MHz	
Spectrum)	OBW N	IVNT g 2	2412MHz	z Ant2				-
Ref Level 20.0	0 dBm Offset : 30 dB SWT	2.39 dB 👄 RB'	W 200 kH:	z					_
Ref Level 20.0	30 dB SWT	2.39 dB 👄 RB'	W 200 kH:	z					-
Ref Level 20.0 Att SGL Count 100/1	30 dB SWT	2.39 dB 👄 RB'	W 200 kH:	z z Mode A				1.56 dBm	-
Ref Level 20.0 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.39 dB 👄 RB'	W 200 kH:	z z Mode A M1	uto FFT			1.56 dBm 73710 GHz	-
Ref Level 20.0 Att SGL Count 100/1	30 dB SWT	2.39 dB 👄 RB'	W 200 kH: W 1 MH:	z z Mode A M1	uto FFT			1.56 dBm	-
Ref Level 20.0 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	uto FFT			1.56 dBm 73710 GHz	-
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm 10 dBm	30 dB SWT	2.39 dB 👄 RB'	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	mm		1.56 dBm 73710 GHz	-
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm 10 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	mme		1.56 dBm 73710 GHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10/1 IPk Max 10 dBm 0 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	mme		1.56 dBm 73710 GHz	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm 10 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	mm/2		1.56 dBm 73710 GHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10/1 IPk Max 10 dBm 0 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	mmy 2		1.56 dBm 73710 GHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]		16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]		16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]		16.3903	1.56 dBm 73710 GHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	M.M.	16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	MMM 2	16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	MMM 2	16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	MMM 2	16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	z z Mode A M1	L[1]	Market 2	16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 10 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH; W 1 MH;	Z Mode A	L[1]		16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH: W 1 MH:	Z Mode A	L[1]		16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 10 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH; W 1 MH;	Z Mode A	L[1]	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	16.3903	1.56 dBm 73710 GHz 60964 MHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 10 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH; W 1 MH;	Z Mode A	L[1]	×	16.3903	1.56 dBm 73710 GHz 60964 MHz	



)	OBW	INVINIG	2437MH	z Antz				
Spectrum									
Ref Level 20.0		2.43 dB 👄 R 37.8 µs 👄 V			Auto FFT				
SGL Count 100/1		orio ha 🛋 A		- moue	AULO FE I				
∋1Pk Max									
				м	1[1]		0.15	1.63 dBm	
10 dBm					cc Bw			128230 GHz 154965 MHz	
			11				10.1000		
0 dBm			1.00	marma					
	Throw	mmm	. Manaran	1 - mer vi	www.	WWW Z2			
-10 dBm				¥					
-20 dBm									
	5						5		
-30 dBm	<u> </u>						- ho		
m								M	
740,818m								- M	
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.437 GHz	I		1000	1 pts	1		Spar	30.0 MHz	
Υ I					Read			a	
Spectrum		OBW	NVNT g	2462MH	z Ant2				
	30 dB SWT	ОВW 2.46 dB • R 37.8 µs • V	BW 200 kH	Iz					
Ref Level 20.00 Att SGL Count 100/1	30 dB SWT	2.46 dB 👄 R	BW 200 kH	Iz					
Ref Level 20.00 Att	30 dB SWT	2.46 dB 👄 R	BW 200 kH	iz iz Mode .				(₩) ▼ 1.31 dBm	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.46 dB 👄 R	BW 200 kH	liz liz Mode . M	Auto FFT			1.31 dBm)52410 GHz	
Ref Level 20.00 Att SGL Count 100/1	30 dB SWT	2.46 dB 👄 R	BW 200 kH BW 1 MH	liz liz Mode . M	Auto FFT			1.31 dBm	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 10 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH	IZ IZ Mode . M	Auto FFT			1.31 dBm)52410 GHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.46 dB 👄 R	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmvt2		1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 10 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmm2		1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmnt2		1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mm nt2		1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 SGL Count 100/1 10/1 IPk Max 0 0 0 10 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mm nt2		1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 SGL Count 100/1 10/1 IPk Max 10 dBm 0 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mm 12		1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmt2	16.4565	1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 SGL Count 100/1 10/1 IPk Max 0 0 0 10 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmrt2	16.4565	1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 0 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmmt2	16.4565	1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmmt2	16.4565	1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 0 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmmt2	16.4565	1.31 dBm 052410 GHz	
Ref Level 20.00 Att SGL Count 100/1 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmmt2	16.4565	1.31 dBm)52410 GHz	
Ref Level 20.00 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmmt2	16.4565	1.31 dBm)52410 GHz	
Ref Level 20.01 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 10 10 dBm -0 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ IZ Mode . M	Auto FFT	mmmt2	16.4565	1.31 dBm)52410 GHz	
Ref Level 20.00 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 10 dBm -0 dBm -10 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ Mode	Auto FFT	mmmt2		1.31 dBm 052410 GHz 054365 MHz	
Ref Level 20.01 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 10 10 dBm -0 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ Mode	Auto FFT			1.31 dBm 052410 GHz 054365 MHz	
Ref Level 20.00 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 10 dBm -0 dBm -10 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ Mode	Auto FFT	MMM NT2	16.4563	1.31 dBm 052410 GHz 054365 MHz	
Ref Level 20.00 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 dBm 10 dBm -0 dBm -10 dBm	30 dB SWT	2.46 dB e R 37.8 µs e V	BW 200 kH BW 1 MH	IZ Mode	Auto FFT		16.4563	1.31 dBm 052410 GHz 054365 MHz	



Spectrum Ref Level 20.00	dBm Offset	2.38 dB 👄 RE	3W 200 kH	Z					
Att 🗧	30 dB SWT				Auto FFT				
SGL Count 100/1 1Pk Max	UU								
				м	1[1]		0.410	3.64 dBm	
10 dBm				0	cc Bw			24790 GHz 39176 MHz	
			0	M1 1	0.0				
0 dBm	Johnman	horan	w www.	- And March	Lag Barry and a star	Www.hts			
-10 dBm				(1			
	1						\backslash		
-20 dBm							- Ly		
-30 dBm	, 								
and the second								M	
-40 algu								<u></u> ∧∿	
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.412 GHz			1000	1 pts	1		Spar	30.0 MHz	
		OBW N	VNT n20) 2437MI) Read Hz Ant1				-
SGL Count 100/1	30 dB SWT	OBW N' 2.39 dB ● RE 37.8 µs ● VE	BW 200 kH	z					
Ref Level 20.00 Att	30 dB SWT	2.39 dB 👄 RE	BW 200 kH	z Iz Mode .	Auto FFT				-
Ref Level 20.00 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.39 dB 👄 RE	BW 200 kH	z Iz Mode . M	Auto FFT		2.435		-
Ref Level 20.00 Att SGL Count 100/1	30 dB SWT	2.39 dB 👄 RE	BW 200 kH	z Iz Mode . M	Auto FFT		2.435		
Ref Level 20.00 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT		2.435		
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT	The second secon	2.435		
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 10 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT	W THE	2.435		
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT	The second secon	2.435		
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT	man my	2.435		
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT		2.435		
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT		2.435	3.05 dBm ;74310 GHz 46075 MHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT		2.435		
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT		2.435	3.05 dBm ;74310 GHz 46075 MHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT		2.435	3.05 dBm ;74310 GHz 46075 MHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT		2.435	3.05 dBm ;74310 GHz 46075 MHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	z Iz Mode . M	Auto FFT		2.435	3.05 dBm ;74310 GHz 46075 MHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH BW 1 MH	Z Mode	Auto FFT		2.435 17.5392	3.05 dBm ;74310 GHz 46075 MHz	
Ref Level 20.00 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT	2.39 dB ● RE 37.8 µs ● VE	BW 200 kH	Z Mode	Auto FFT		2.433 17.5392	3.05 dBm (74310 GHz 46075 MHz	



	OdBm Offset 30 dB SWT								
SGL Count 100/1		37.8 µs 👄 VB		∠ moae A	AUTO FF I				
●1Pk Max		1 1						0.00.10	
				M	1[1]		2.461	2.28 dBm 16910 GHz	
10 dBm				00	cc Bw		17.5062	49375 MHz	
0 dBm			M1	0.0.0	0	та			
0 uBill	Januar	10 M. and and	- march of	1	a souther that	many			
-10 dBm				·					
-20 dBm							$\overline{\nabla}$		
-30 dBm							- M		
							J.	M	
, 4 ല, ഷ ണ്								M.	
E0 d0m								V1	
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.462 GHz			10001	l pts				30.0 MHz	
Spectrum Ref Level 20.0	OdBm Offset		W 200 kHz	z		× (11			
Spectrum	30 dB SWT	2.39 dB 🖷 RB	W 200 kHz	z		· • •			
Spectrum Ref Level 20.0 Att SGL Count 100/1	30 dB SWT	2.39 dB 🖷 RB	W 200 kHz	z z Mode 4	Auto FFT	y (11			
Spectrum Ref Level 20.0 Att SGL Count 100/1	30 dB SWT	2.39 dB 🖷 RB	W 200 kHz	z z Mode 4		× (11			
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.39 dB 🖷 RB	W 200 kHz	z Mode 4 M: M:	Auto FFT	× ••••	2.413		
Spectrum Ref Level 20.0 Att SGL Count 100/1 DIPk Max	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw	× ••••	2.413		
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.39 dB 🖷 RB	W 200 kH2 W 1 MH2	z Mode 4 M: M:	Auto FFT 1[1] CC Bw		2.413		
Spectrum Ref Level 20.0 Att SGL Count 100/1 IPk Max O dBm O dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw	mmm t	2.413		
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw	mmm	2.413		
Spectrum Ref Level 20.0 Att SGL Count 100/1 DIPk Max	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw	mon t	2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm -20 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw	monde	2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw	~ (2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw		2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw		2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw		2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -60 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw		2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -60 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw		2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm 0 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kHz W 1 MHz	Z Mode A	Auto FFT 1[1] cc Bw		2.413 17.6292		
Spectrum Ref Level 20.0 Att SGL Count 100/1 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm	30 dB SWT	2.39 dB • RB 37.8 µs • VB	W 200 kH2 W 1 MH2	Z Mode A	Auto FFT 1[1] cc Bw		2.413 17.6292	.30.0 MHz	



Spectrum Ref Level 20.0		2.43 dB 👄 R							
Att SGL Count 100/1	30 dB SWT	37.8 µs 👄 V	BW 1 MHz	Z Mode Au	uto FFT				
● 1Pk Max	.00								
				M1	[1]		0.40	0.76 dBm	
10 dBm				Oc	c Bw			804690 GHz 239776 MHz	
				M1					
0 dBm	1mm	mmm	mm	mon	~~~~~	man			
-10 dBm	× *		V						
10 0.0									
-20 dBm									
-30 dBm							\sim		
-So dom							v	man	
40 abm								m	
50 d0m									
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.437 GHz			10001	Inte			Pna	n 30.0 MHz	
CF 2.437 GH2			10001	t pts	Dood	-	əpai		
	0 dBm Offset	2.46 dB 👄 R	BW 200 kH2						_
Ref Level 20.0 Att SGL Count 100/1	30 dB SWT		BW 200 kH2	2					_
Ref Level 20.0	30 dB SWT	2.46 dB 👄 R	BW 200 kH2	z Z Mode At	uto FFT				_
Ref Level 20.0 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.46 dB 👄 R	BW 200 kH2	2 2 Mode Au M1	uto FFT			0.49 dBm 302590 GHz	_
Ref Level 20.0 Att SGL Count 100/1	30 dB SWT	2.46 dB 👄 R	BW 200 kH2	2 2 Mode At M1	uto FFT			0.49 dBm	_
Ref Level 20.0 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw			0.49 dBm 302590 GHz	_
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10k Max 10 dBm 0	30 dB SWT	2.46 dB e R 37.8 μs e V	BW 200 kH2	2 Mode At M1	uto FFT	www.nts		0.49 dBm 302590 GHz	_
Ref Level 20.0 Att SGL Count 100/1 1Pk Max	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	mmm		0.49 dBm 302590 GHz	_
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10k Max 10 dBm 0	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0.49 dBm 302590 GHz	
Ref Level 20.0 Att SGL Count 100/1 TPk Max 10 dBm 10 dBm 10 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0.49 dBm 302590 GHz	_
Ref Level 20.0 Att SGL Count 100/1 TPk Max 10 dBm 10 dBm 0 dBm -10 dBm -10 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0.49 dBm 302590 GHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0.49 dBm 302590 GHz 242476 MHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	WWWWNTS		0.49 dBm 302590 GHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0.49 dBm 302590 GHz 242476 MHz	
Ref Level 20.0 Att SGL Count 100/1 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw			0.49 dBm 302590 GHz 242476 MHz	
Ref Level 20.0 Att SGL Count 100/1 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0.49 dBm 302590 GHz 242476 MHz	
Ref Level 20.0 Att SGL Count 100/1 ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode At M1	uto FFT [1] c Bw	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0.49 dBm 302590 GHz 242476 MHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 0 dBm - -10 dBm - -20 dBm - -30 dBm - -50 dBm - -60 dBm - -70 dBm -	30 dB SWT	2.46 dB e R 37.8 μs e V	BW 200 kHz BW 1 MHz	2 Mode Au M1	uto FFT [1] c Bw		17.5752	0.49 dBm 302590 GHz 242476 MHz	
Ref Level 20.0 Att SGL Count 100/1 ID dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	30 dB SWT	2.46 dB e R 37.8 μs e V	200 kH2 VBW 1 MH2	2 Mode Au M1	uto FFT [1] c Bw		17.5752	0.49 dBm 302590 GHz 242476 MHz	
Ref Level 20.0 Att SGL Count 100/1 SGL Count 100/1 10 IPk Max 10 0 dBm - -10 dBm - -20 dBm - -30 dBm - -50 dBm - -60 dBm - -70 dBm -	30 dB SWT	2.46 dB e R 37.8 μs e V	BW 200 kHz BW 1 MHz	2 Mode Au M1	uto FFT [1] c Bw		17.5752	0.49 dBm 302590 GHz 242476 MHz	



