



Test Report No.: RF260330B003



FCC TEST REPORT (PART 27)

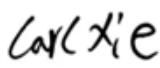
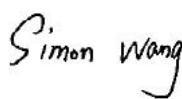
Applicant:	SHARP CORPORATION
Address:	2-1-25, Kyutaromachi, Chuo-ku, Osaka city, Osaka 541-8522, JAPAN

Manufacturer or Supplier:	SHARP CORPORATION
Address:	2-1-25, Kyutaromachi, Chuo-ku, Osaka city, Osaka 541-8522, JAPAN
Product:	Smart Phone
Brand Name:	SHARP
FCC ID:	APYHRO00341
Date of tests:	Mar. 19, 2026 ~ Apr.22, 2026

The tests have been carried out according to the requirements of the following standard:

☒ FCC Part 27 ☒ ANSI/TIA/EIA-603-D
☒ FCC Part 2 ☒ ANSI/TIA/EIA-603-E ☒ ANSI C63.26-2015

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Carl Xie Engineer / Mobile Department	Approved by Simon Wang Manager / Mobile Department
 Date: Apr.22, 2026	 Date: Apr.22, 2026

Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report No.: RF260330B003

TABLE OF CONTENTS

RELEASE CONTROL RECORD	5
1 SUMMARY OF TEST RESULTS	6
1.1 MEASUREMENT UNCERTAINTY.....	7
1.2 TEST SITE AND INSTRUMENTS	8
2 GENERAL INFORMATION.....	10
2.1 GENERAL DESCRIPTION OF EUT	10
2.2 CONFIGURATION OF SYSTEM UNDER TEST	15
2.3 DESCRIPTION OF SUPPORT UNITS	16
2.4 TEST ITEM AND TEST CONFIGURATION.....	16
2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS	22
3 TEST TYPES AND RESULTS	23
3.1 OUTPUT POWER MEASUREMENT	23
3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT	23
3.1.2 TEST PROCEDURES	23
3.1.3 TEST SETUP	24
3.1.4 TEST RESULTS	25
3.2 FREQUENCY STABILITY MEASUREMENT	54
3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT	54
3.2.2 TEST PROCEDURE	54
3.2.3 TEST SETUP	54
3.2.4 TEST RESULTS	54
3.3 OCCUPIED BANDWIDTH MEASUREMENT	55
3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT	55
3.3.2 TEST SETUP	55
3.3.3 TEST PROCEDURES	55
3.3.4 TEST RESULTS	55
3.4 BAND EDGE MEASUREMENT	56
3.4.1 LIMITS OF BAND EDGE MEASUREMENT	56
3.4.2 TEST SETUP	57
3.4.3 TEST PROCEDURES	58
3.4.4 TEST RESULTS	58
3.5 CONDUCTED SPURIOUS EMISSIONS.....	59
3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT	59
3.5.2 TEST PROCEDURE	59
3.5.3 TEST SETUP	59
3.5.4 TEST RESULTS	59
3.6 RADIATED EMISSION MEASUREMENT	60
3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT	60
3.6.2 TEST PROCEDURES	60
3.6.3 DEVIATION FROM TEST STANDARD	60
3.6.4 TEST SETUP	61
3.6.5 TEST RESULTS	63
3.7 PEAK TO AVERAGE RATIO	65
3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT	65
3.7.2 TEST SETUP	65
3.7.3 TEST PROCEDURES	65
3.7.4 TEST RESULTS	65
4 PHOTOGRAPHS OF THE TEST CONFIGURATION	66



Test Report No.: RF260330B003

5	INFORMATION ON THE TESTING LABORATORIES	67
6	MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB 68	
7	APPENDIX	69
	WCDMA IV	69
	FREQUENCY STABILITY	69
	TEST RESULT	69
	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	71
	TEST RESULT	71
	TEST GRAPH	72
	PEAK-TO-AVERAGE RATIO (CCDF)	82
	TEST RESULT	82
	TEST GRAPH	83
	BAND EDGE AND SPURIOUS EMISSION.....	88
	TEST RESULT	88
	TEST GRAPH	89
	LTE BAND 4	101
	FREQUENCY STABILITY	101
	TEST RESULT	101
	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	109
	TEST RESULT	109
	TEST GRAPH	112
	PEAK-TO-AVERAGE RATIO (CCDF)	166
	TEST RESULT	166
	TEST GRAPH	168
	BAND EDGE AND SPURIOUS EMISSION.....	198
	TEST RESULT	198
	TEST GRAPH	201
	LTE BAND38.....	291
	FREQUENCY STABILITY	291
	TEST RESULT	291
	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	297
	TEST RESULT	297
	TEST GRAPH	299
	PEAK-TO-AVERAGE RATIO (CCDF)	335
	TEST RESULT	335
	TEST GRAPH	337
	BAND EDGE AND SPURIOUS EMISSION.....	357
	TEST RESULT	357
	TEST GRAPH	359
	LTE BAND41	439
	FREQUENCY STABILITY	439
	TEST RESULT	439
	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	445
	TEST RESULT	445
	TEST GRAPH	447
	PEAK-TO-AVERAGE RATIO (CCDF)	483
	TEST RESULT	483
	TEST GRAPH	485
	BAND EDGE AND SPURIOUS EMISSION.....	505
	TEST RESULT	505
	TEST GRAPH	507
	LTE BAND66.....	587
	FREQUENCY STABILITY	587



Test Report No.: RF260330B003

TEST RESULT	587
26DB BANDWIDTH AND OCCUPIED BANDWIDTH	595
TEST RESULT	595
TEST GRAPH	598
PEAK-TO-AVERAGE RATIO (CCDF)	652
TEST RESULT	652
TEST GRAPH	654
BAND EDGE AND SPURIOUS EMISSION.....	684
TEST RESULT	684
TEST GRAPH	687



Test Report No.: RF260330B003

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF260330B003	Original release	Apr.22, 2026



Test Report No.: RF260330B003

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 27 & PART 2			
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT	TEST LAB*
§2.1046	Conducted Output Power	Compliance	A
§27.50(d)(4) §27.50(h)(2) §27.50(k)(3)	Equivalent Isotropically Radiated Power (WCMDA Band 4) (Band 4) (Band 38) (Band 41) (Band 66)	Compliance	A
§2.1055 §27.54	Frequency Stability	Compliance	A
§2.1049	Occupied Bandwidth	Compliance	A
§2.1051 §27.53(h) §27.53(m)(4)(6) §27.53(n)(2)	Conducted Band Edge Measurements (WCMDA Band 4) (Band 4) (Band 38) (Band 41) (Band 66)	Compliance	A
§2.1051 §27.53(h) §27.53(m)(4)(6) §27.53(n)(2)	Conducted Spurious Emissions (WCMDA Band 4) (Band 4) (Band 38) (Band 41) (Band 66)	Compliance	A
§2.1053 §27.53(h) §27.53(m)(4)(6) §27.53(n)(2)	Radiated Spurious Emissions (WCMDA Band 4) (Band 4) (Band 38) (Band 41) (Band 66)	Compliance	A
§27.50(k)(4)	Peak to average ratio	Compliance	A

*Test Lab Information Reference

Lab A:

BOOMWAVE TEST (SHENZHEN) CO., LTD.

Lab Address:

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th Road, Chiwan Community, Zhaoshang St
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Accredited Test Lab Cert 7607.01

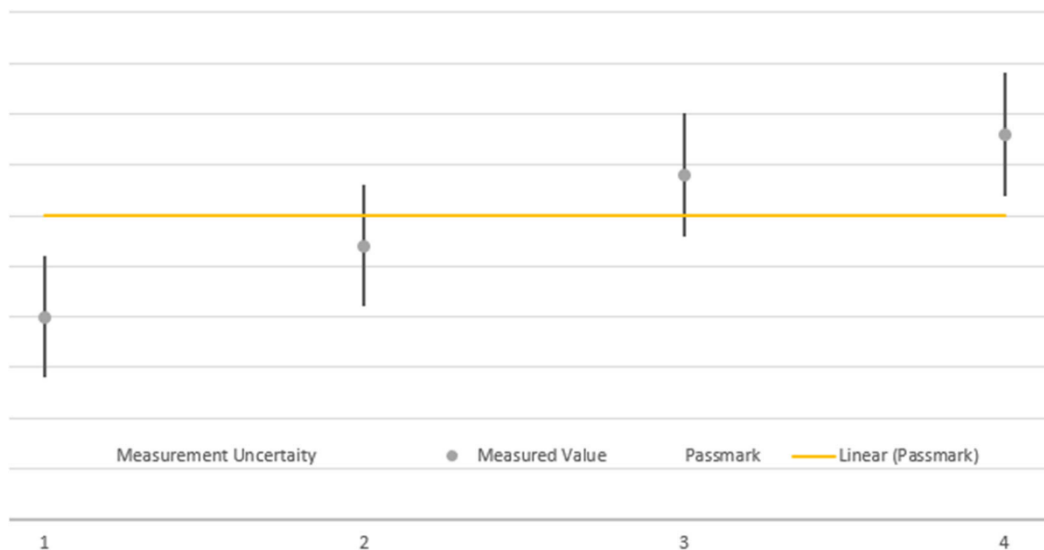
The FCC Site Registration No. is 646781; The Designation No. is CN1429.

1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
Frequency Stability	$\pm 76.97\text{Hz}$
Radiated emissions (9KHz~30MHz)	$\pm 2.68\text{dB}$
Radiated emissions & Radiated Power (30MHz~1GHz)	$\pm 4.98\text{dB}$
Radiated emissions & Radiated Power (1GHz ~6GHz)	$\pm 4.70\text{dB}$
Radiated emissions (6GHz ~18GHz)	$\pm 4.60\text{dB}$
Radiated emissions (18GHz ~40GHz)	$\pm 4.12\text{dB}$
Conducted emissions	$\pm 4.01\text{dB}$
Occupied Channel Bandwidth	$\pm 43.58\text{KHz}$
Conducted Output power	$\pm 2.06\text{dB}$
Band Edge Measurements	$\pm 4.70\text{dB}$

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



The verdicts in this test report are given according the above diagram:

Case	Measured Value	Uncertainty Range	Verdict
1	below pass mark	below pass mark	Passed
2	below pass mark	within pass mark	Passed
3	above pass mark	within pass mark	Failed
4	above pass mark	above pass mark	Failed

That means, the laboratory applies, as decision rule (see ISO/IEC 17025:2017), the so-called shared risk principle.



Test Report No.: RF260330B003

1.2 TEST SITE AND INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	Euroshieldpn-CT0001143-1216	2025/7/3	2026/7/2
BiConiLog Antenna	ETS-LINDGREN	3143B	161965	2025/7/17	2026/7/16
Horn Antenna	SCHWARZBECK	BBHA9120D	3297	2025/9/27	2026/9/26
Horn Antenna	STEATITE	QWH-SL-18-40-K-SG QMS-00361	15433	2025/7/19	2026/7/18
Preamplifier	Tonscend	TPA184045	AP24L8060388	2025/7/3	2026/7/2
MXE EMI Receiver	keysight	N9038B	MY50018017	2025/7/1	2026/6/30
MXG Vector Signal Generator	Keysight	N5183B	MY59100137	2025/6/30	2026/6/29
Preamplifier	Tonscend	TPA001330	806JSAPO40804251015	2025/6/30	2026/6/29
Preamplifier	Tonscend	TPA011845	AP24L8060392	2025/6/30	2026/6/29
Attenuator 6DB	SHX	TS2-6-6-A	230927166	2025/6/30	2026/6/29
Attenuator 6DB	SHX	TS2-6-6-A	230927165	2025/6/30	2026/6/29
Active Receive Loop Antenna	SCHWARZBECK	FMZB 1519 B	00173	2025/6/30	2026/6/29
Temp. & Humi. Recorder	Kejian	HTC-01	157246	2025/7/2	2026/7/1
HIGH pass FILTER_1-18	EWT	EWT-57-0222	EWT-57-0222	2025/6/30	2026/6/29
HIGH pass FILTER_7-18	EWT	EWT-57-0223	EWT-57-0223	2025/6/30	2026/6/29
HIGH pass FILTER_3-18	EWT	EWT-57-0221	EWT-57-0221	2025/6/30	2026/6/29
DC~1GHz Lowpass Filter	EWT	EWT-56-0649	EWT-56-0649	2025/7/3	2026/7/2
Cable 1	N/A	N/A	N/A	2025/9/28	2026/9/27
Cable 2	N/A	N/A	N/A	2025/9/28	2026/9/27
Cable 3	N/A	N/A	N/A	2025/9/28	2026/9/27
Wireless communication integrated tester	Rohde&Schwarz	CMW500	182016	2025/6/30	2026/6/29
EXA Signal Analyzer	KEYSIGHT	N9010B	MY62170156	2025/6/30	2026/6/29
RF Control Unit	Tonscend	JS0806-1	21K8060504	2025/6/16	2026/6/15
DC Power Supply	AGILENT	HMP2020	100598	2025/7/1	2026/6/30
10dB attenuator	JFW INDUSTRIES INC	50HF-010-SMA	50HF-010-SMA-1	2025/6/30	2026/6/29
10dB attenuator	JFW INDUSTRIES INC	50HF-010-SMA	50HF-010-SMA-2	2025/6/30	2026/6/29
hygrothermograph	Anymetrers	----	TH101B	2025/7/22	2026/7/21
Temperature Box	zhongkemeiqi	MA22040172	MQ-DTH50F-2	2025/7/1	2026/6/30
power divider	WOKEN	71688	204-003180-01	2025/6/30	2026/6/29



Test Report No.: RF260330B003

NOTE:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.
3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
4. The FCC Site Registration No. is 646781; The Designation No. is CN1429.

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Smart Phone	
BRAND NAME	SHARP	
NOMINAL VOLTAGE	4.0Vdc(adapter or host equipment) 3.92Vdc (Li-ion, battery)	
MODULATION TECHNOLOGY	WCDMA	HSDPA 、HSUPA 、HSPA+
	LTE	QPSK, 16QAM, 64QAM
FREQUENCY RANGE	WCDMA IV	1712.4MHz ~ 1752.6MHz
	LTE Band 4 Channel Bandwidth: 1.4MHz	1710.7MHz ~ 1754.3MHz
	LTE Band 4 Channel Bandwidth: 3MHz	1711.5MHz ~ 1753.5MHz
	LTE Band 4 Channel Bandwidth: 5MHz	1712.5MHz ~ 1752.5MHz
	LTE Band 4 Channel Bandwidth: 10MHz	1715MHz ~ 1750MHz
	LTE Band 4 Channel Bandwidth: 15MHz	1717.5MHz ~ 1747.5 MHz
	LTE Band 4 Channel Bandwidth: 20MHz	1720MHz ~ 1745MHz
	LTE Band 38 Channel Bandwidth: 5MHz	2572.5MHz ~ 2617.5MHz
	LTE Band 38 Channel Bandwidth: 10MHz	2575MHz ~ 2615MHz
	LTE Band 38 Channel Bandwidth: 15MHz	2577.5MHz ~ 2612.5MHz
	LTE Band 38 Channel Bandwidth: 20MHz	2580MHz ~ 2610MHz
	LTE Band 41 Channel Bandwidth: 5MHz	2498.5MHz ~ 2687.5MHz
	LTE Band 41 Channel Bandwidth: 10MHz	2501MHz ~ 2685MHz
	LTE Band 41 Channel Bandwidth: 15MHz	2503.5MHz ~ 2682.5MHz
	LTE Band 41 Channel Bandwidth: 20MHz	2506MHz ~ 2680MHz
	LTE Band 66 Channel Bandwidth: 1.4MHz	1710.7MHz ~ 1779.3MHz
	LTE Band 66 Channel Bandwidth: 3MHz	1711.5MHz ~ 1778.5MHz
	LTE Band 66 Channel Bandwidth: 5MHz	1712.5MHz ~ 1777.5MHz
	LTE Band 66 Channel Bandwidth: 10MHz	1715MHz ~ 1775MHz



Test Report No.: RF260330B003

	LTE Band 66 Channel Bandwidth: 15MHz	1717.5MHz ~ 1772.5MHz
	LTE Band 66 Channel Bandwidth: 20MHz	1720MHz ~ 1770MHz
MAX. EIRP POWER	WCDMA IV	85mW
	LTE Band 4 Channel Bandwidth: 1.4MHz	95mW
	LTE Band 4 Channel Bandwidth: 3MHz	94mW
	LTE Band 4 Channel Bandwidth: 5MHz	98mW
	LTE Band 4 Channel Bandwidth: 10MHz	100mW
	LTE Band 4 Channel Bandwidth: 15MHz	101mW
	LTE Band 4 Channel Bandwidth: 20MHz	106mW
	LTE Band 38 Channel Bandwidth: 5MHz	42mW
	LTE Band 38 Channel Bandwidth: 10MHz	45mW
	LTE Band 38 Channel Bandwidth: 15MHz	45mW
	LTE Band 38 Channel Bandwidth: 20MHz	45mW
	LTE Band 41 Channel Bandwidth: 5MHz	51mW
	LTE Band 41 Channel Bandwidth: 10MHz	51mW
	LTE Band 41 Channel Bandwidth: 15MHz	51mW
	LTE Band 41 Channel Bandwidth: 20MHz	51mW
	LTE Band 66 Channel Bandwidth: 1.4MHz	85mW
	LTE Band 66 Channel Bandwidth: 3MHz	85mW
	LTE Band 66 Channel Bandwidth: 5MHz	89mW
	LTE Band 66 Channel Bandwidth: 10MHz	93mW
	LTE Band 66 Channel Bandwidth: 15MHz	95mW
MAX. EIRP POWER	LTE Band 66 Channel Bandwidth: 20MHz	92mW



Test Report No.: RF260330B003

EMISSION DESIGNATOR	WCDMA IV	4M20F9W
	LTE Band 4 Channel Bandwidth: 1.4MHz	QPSK:1M11G7D
		16QAM:1M12W7D
		64QAM:1M12W7D
	LTE Band 4 Channel Bandwidth: 3MHz	QPSK:2M76G7D
		16QAM:2M76W7D
		64QAM:2M76W7D
	LTE Band 4 Channel Bandwidth: 5MHz	QPSK:4M52G7D
		16QAM:4M53W7D
		64QAM:4M53W7D
	LTE Band 4 Channel Bandwidth: 10MHz	QPSK:9M03G7D
		16QAM:9M03W7D
		64QAM:9M03W7D
	LTE Band 4 Channel Bandwidth: 15MHz	QPSK:13M5G7D
		16QAM:13M5W7D
		64QAM:13M5W7D
	LTE Band 4 Channel Bandwidth: 20MHz	QPSK:18M1G7D
		16QAM:18M1W7D
		64QAM:18M1W7D
	LTE Band 38 Channel Bandwidth: 5MHz	QPSK:4M53G7D
		16QAM:4M53W7D
		64QAM:4M53W7D
	LTE Band 38 Channel Bandwidth: 10MHz	QPSK:9M02G7D
		16QAM:9M03W7D
		64QAM:9M03W7D
	LTE Band 38 Channel Bandwidth: 15MHz	QPSK:13M5G7D
		16QAM:13M5W7D
		64QAM:13M5W7D



Test Report No.: RF260330B003

EMISSION DESIGNATOR	LTE Band 38 Channel Bandwidth: 20MHz	QPSK:18M0G7D
		16QAM:18M1W7D
		64QAM:18M1W7D
	LTE Band 41 Channel Bandwidth: 5MHz	QPSK:4M53G7D
		16QAM:4M53W7D
		64QAM:4M53W7D
	LTE Band 41 Channel Bandwidth: 10MHz	QPSK:9M03G7D
		16QAM:9M03W7D
		64QAM:9M03W7D
	LTE Band 41 Channel Bandwidth: 15MHz	QPSK:13M5G7D
		16QAM:13M5W7D
		64QAM:13M5W7D
	LTE Band 41 Channel Bandwidth: 20MHz	QPSK:18M0G7D
		16QAM:18M1W7D
		64QAM:18M1W7D
	LTE Band 66 Channel Bandwidth: 1.4MHz	QPSK:1M11G7D
		16QAM:1M11W7D
		64QAM:1M11W7D
	LTE Band 66 Channel Bandwidth: 3MHz	QPSK:2M75G7D
		16QAM:2M76W7D
		64QAM:2M76W7D
	LTE Band 66 Channel Bandwidth: 5MHz	QPSK:4M53G7D
		16QAM:4M53W7D
		64QAM:4M53W7D
	LTE Band 66 Channel Bandwidth: 10MHz	QPSK:9M05G7D
		16QAM:9M04W7D
		64QAM:9M04W7D
	LTE Band 66 Channel Bandwidth: 15MHz	QPSK:13M5G7D
		16QAM:13M6W7D
		64QAM:13M6W7D
	LTE Band 66	QPSK:18M1G7D



Test Report No.: RF260330B003

	Channel Bandwidth: 20MHz	16QAM:18M1W7D
EMISSION DESIGNATOR		64QAM:18M1W7D
ANTENNA TYPE	PIFA Antenna with -4.1dBi gain for WCDMA IV/ LTE B4 PIFA Antenna with -5.0dBi gain for LTE B38/41 PIFA Antenna with -4.4dBi gain for LTE B66	
ANTENNA GAIN	☒ Provided by client -4.1dBi gain for WCDMA IV/ LTE B4 -5.0dBi gain for LTE B38/41 -4.4dBi gain for LTE B66	
HW VERSION	DVT	
SW VERSION	A2270	
I/O PORTS	Refer to user's manual	
EXTREME TEMPERATURE	5~35°C	
EXTREME VOLTAGE	3.7V~4V	

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. The EUT incorporates a SISO function. Physically, the EUT provides one completed transmitter and one receiver.

MODULATION MODE	TX FUNCTION
GSM/GPRS/EDGE	1TX/1RX
WCDMA	1TX/2RX
LTE B4/66	1TX/2RX
LTE B38/41	1TX/4RX

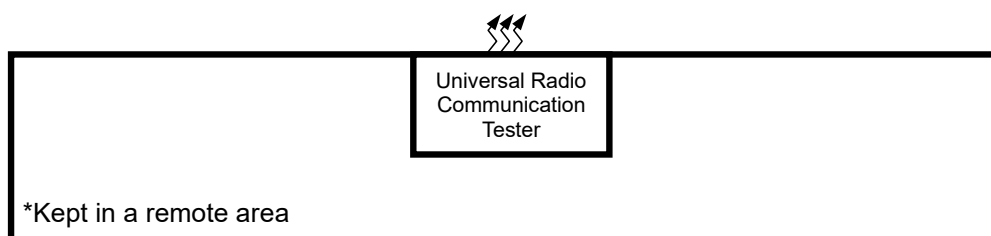
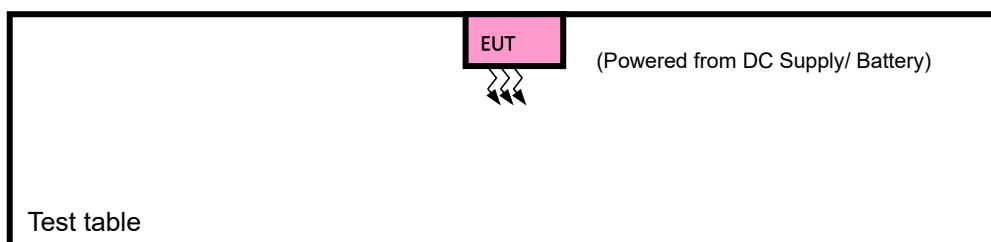
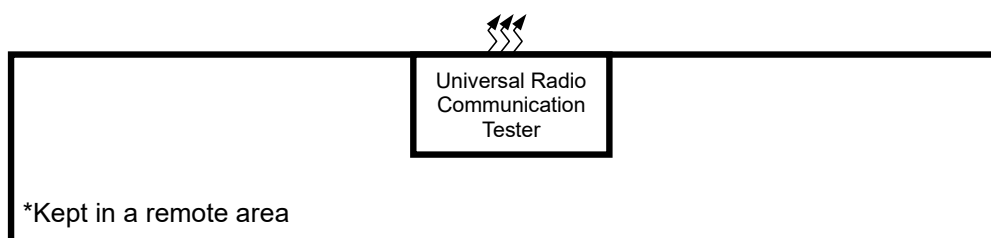
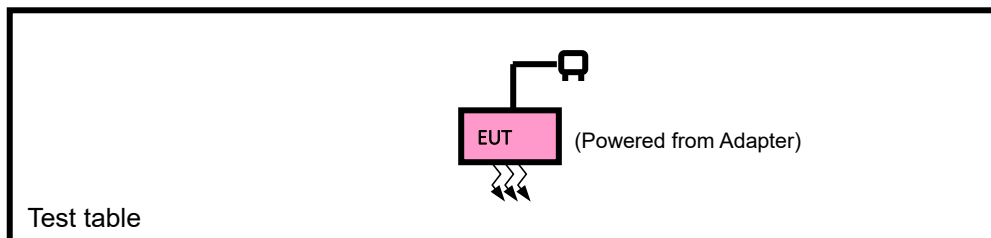
3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
4. Antenna gain and EUT conducted cable loss are provided by the customer, and the laboratory will record the results based on these items that involve these two parameters.
5. List of Accessory:

Battery Information	Battery Type	Li-Lon
	Manufacturer	EVE ENERGY CO., LTD
	Model Number	UBATIA330AFN2
	Capacity	Typical capacity:5100 mAh Rated capacity:4900 mAh
	Nominal Voltage	3.92V

Test Report No.: RF260330B003

2.2 CONFIGURATION OF SYSTEM UNDER TEST

FOR RADIATION EMISSION TEST





Test Report No.: RF260330B003

2.3 DESCRIPTION OF SUPPORT UNITS

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.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	DC Source	HYELEC	HY3010B	551016	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	DC Line: Unshielded, Detachable 1.8m

2.4 TEST ITEM AND TEST CONFIGURATION

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports. The worst case was found when positioned on Y-plane for EIRP and X-axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	DESCRIPTION
A	EUT + Adapter + USB Cable with WCDMA or LTE link
B	EUT + DC Supply with WCDMA or LTE link

WCDMA MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
A	EIRP	1312 to 1513	1312, 1413, 1513	WCDMA
B	FREQUENCY STABILITY	1312 to 1513	1312, 1413, 1513	WCDMA
A	OCCUPIED BANDWIDTH	1312 to 1513	1312, 1413, 1513	WCDMA
A	BAND EDGE	1312 to 1513	1312, 1513	WCDMA
A	PEAK TO AVERAGE RATIO	1312 to 1513	1312, 1413, 1513	WCDMA
A	CONDUCTED EMISSION	1312 to 1513	1312, 1413, 1513	WCDMA
A	RADIATED EMISSION	1312 to 1513	1312, 1413, 1513	WCDMA



Test Report No.: RF260330B003

LTE BAND 4 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION
A	EIRP	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK, 16QAM, 64QAM
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK, 16QAM, 64QAM
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM
B	FREQUENCY STABILITY	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK, 16QAM, 64QAM
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK, 16QAM, 64QAM
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM
A	OCCUPIED BANDWIDTH	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK, 16QAM, 64QAM
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK, 16QAM, 64QAM
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM
A	PEAK TO AVERAGE RATIO	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK, 16QAM, 64QAM
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK, 16QAM, 64QAM
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM
A	BAND EDGE	19957 to 20393	19957, 20393	1.4MHz	QPSK, 16QAM, 64QAM
		19965 to 20385	19965, 20385	3MHz	QPSK, 16QAM, 64QAM
		19975 to 20375	19975, 20375	5MHz	QPSK, 16QAM, 64QAM
		20000 to 20350	20000, 20350	10MHz	QPSK, 16QAM, 64QAM
		20025 to 20325	20025, 20325	15MHz	QPSK, 16QAM, 64QAM
		20050 to 20300	20050, 20300	20MHz	QPSK, 16QAM, 64QAM

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No. 1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B003

A	CONDUCTED EMISSION	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK, 16QAM, 64QAM
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK, 16QAM, 64QAM
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM
A	RADIATED EMISSION	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

LTE BAND 38 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION
A	EIRP	37775 to 38225	37775, 38000, 38225	5MHz	QPSK, 16QAM, 64QAM
		37800 to 38200	37800, 38000, 38200	10MHz	QPSK, 16QAM, 64QAM
		37825 to 38175	37825, 38000, 38175	15MHz	QPSK, 16QAM, 64QAM
		37850 to 38150	37850, 38000, 38150	20MHz	QPSK, 16QAM, 64QAM
B	FREQUENCY STABILITY	37775 to 38225	37775, 38000, 38225	5MHz	QPSK, 16QAM, 64QAM
		37800 to 38200	37800, 38000, 38200	10MHz	QPSK, 16QAM, 64QAM
		37825 to 38175	37825, 38000, 38175	15MHz	QPSK, 16QAM, 64QAM
		37850 to 38150	37850, 38000, 38150	20MHz	QPSK, 16QAM, 64QAM
A	OCCUPIED BANDWIDTH	37775 to 38225	37775, 38000, 38225	5MHz	QPSK, 16QAM, 64QAM
		37800 to 38200	37800, 38000, 38200	10MHz	QPSK, 16QAM, 64QAM
		37825 to 38175	37825, 38000, 38175	15MHz	QPSK, 16QAM, 64QAM
		37850 to 38150	37850, 38000, 38150	20MHz	QPSK, 16QAM, 64QAM
A	PEAK TO AVERAGE RATIO	37775 to 38225	37775, 38000, 38225	5MHz	QPSK, 16QAM, 64QAM
		37800 to 38200	37800, 38000, 38200	10MHz	QPSK, 16QAM, 64QAM
		37825 to 38175	37825, 38000, 38175	15MHz	QPSK, 16QAM, 64QAM
		37850 to 38150	37850, 38000, 38150	20MHz	QPSK, 16QAM, 64QAM
A	BAND EDGE	37775 to 38225	37775, 38225	5MHz	QPSK, 16QAM, 64QAM
		37800 to 38200	37800, 38200	10MHz	QPSK, 16QAM, 64QAM
		37825 to 38175	37825, 38175	15MHz	QPSK, 16QAM, 64QAM
		37850 to 38150	37850, 38150	20MHz	QPSK, 16QAM, 64QAM
A	CONDUCTED EMISSION	37775 to 38225	37775, 38000, 38225	5MHz	QPSK, 16QAM, 64QAM
		37800 to 38200	37800, 38000, 38200	10MHz	QPSK, 16QAM, 64QAM
		37825 to 38175	37825, 38000, 38175	15MHz	QPSK, 16QAM, 64QAM
		37850 to 38150	37850, 38000, 38150	20MHz	QPSK, 16QAM, 64QAM
A	RADIATED	37775 to 38225	37775, 38000, 38225	5MHz	QPSK



Test Report No.: RF260330B003

	EMISSION	37800 to 38200	37800, 38000, 38200	10MHz	QPSK
		37825 to 38175	37825, 38000, 38175	15MHz	QPSK
		37850 to 38150	37850, 38000, 38150	20MHz	QPSK

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

LTE BAND 41 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION
A	EIRP	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM
B	FREQUENCY STABILITY	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM
A	OCCUPIED BANDWIDTH	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM
A	PEAK TO AVERAGE RATIO	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM
A	BAND EDGE	39675 to 41565	39675, 41565	5MHz	QPSK, 16QAM, 64QAM
		39700 to 41540	39700, 41540	10MHz	QPSK, 16QAM, 64QAM
		39725 to 41515	39725, 41515	15MHz	QPSK, 16QAM, 64QAM
		39750 to 41490	39750, 41490	20MHz	QPSK, 16QAM, 64QAM
A	CONDUCTED EMISSION	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM
A	RADIATED EMISSION	39675 to 41565	40620	5MHz	QPSK
		39700 to 41540	40620	10MHz	QPSK
		39725 to 41515	40620	15MHz	QPSK
		39750 to 41490	40620	20MHz	QPSK

Note: This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.



Test Report No.: RF260330B003

LTE BAND 66 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION
A	EIRP	131979 to 132665	131979,132322,132665	1.4MHz	QPSK,16QAM,64QAM
		131987 to 132657	131987,132322,132657	3MHz	QPSK,16QAM,64QAM
		131997 to 132647	131997,132322,132647	5MHz	QPSK,16QAM,64QAM
		132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM,64QAM
		132047 to 132597	132047,132322,132597	15MHz	QPSK,16QAM,64QAM
		132072 to 132572	132072,132322,132572	20MHz	QPSK,16QAM,64QAM
B	FREQUENCY STABILITY	131979 to 132665	131979,132322,132665	1.4MHz	QPSK,16QAM,64QAM
		131987 to 132657	131987,132322,132657	3MHz	QPSK,16QAM,64QAM
		131997 to 132647	131997,132322,132647	5MHz	QPSK,16QAM,64QAM
		132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM,64QAM
		132047 to 132597	132047,132322,132597	15MHz	QPSK,16QAM,64QAM
		132072 to 132572	132072,132322,132572	20MHz	QPSK,16QAM,64QAM
A	OCCUPIED BANDWIDTH	131979 to 132665	131979,132322,132665	1.4MHz	QPSK,16QAM,64QAM
		131987 to 132657	131987,132322,132657	3MHz	QPSK,16QAM,64QAM
		131997 to 132647	131997,132322,132647	5MHz	QPSK,16QAM,64QAM
		132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM,64QAM
		132047 to 132597	132047,132322,132597	15MHz	QPSK,16QAM,64QAM
		132072 to 132572	132072,132322,132572	20MHz	QPSK,16QAM,64QAM
A	PEAK TO AVERAGE RATIO	131979 to 132665	131979,132322,132665	1.4MHz	QPSK,16QAM,64QAM
		131987 to 132657	131987,132322,132657	3MHz	QPSK,16QAM,64QAM
		131997 to 132647	131997,132322,132647	5MHz	QPSK,16QAM,64QAM
		132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM,64QAM
		132047 to 132597	132047,132322,132597	15MHz	QPSK,16QAM,64QAM
		132072 to 132572	132072,132322,132572	20MHz	QPSK,16QAM,64QAM
A	BAND EDGE	131979 to 132665	131979, 132665	1.4MHz	QPSK,16QAM,64QAM
		131987 to 132657	131987, 132657	3MHz	QPSK,16QAM,64QAM
		131997 to 132647	131997, 132647	5MHz	QPSK,16QAM,64QAM
		132022 to 132622	132022, 132622	10MHz	QPSK,16QAM,64QAM
		132047 to 132597	132047, 132597	15MHz	QPSK,16QAM,64QAM
		132072 to 132572	132072, 132572	20MHz	QPSK,16QAM,64QAM
A	CONDUCTED EMISSION	131979 to 132665	131979,132322,132665	1.4MHz	QPSK,16QAM, 64QAM
		131987 to 132657	131987,132322,132657	3MHz	QPSK,16QAM, 64QAM
		131997 to 132647	131997,132322,132647	5MHz	QPSK,16QAM, 64QAM
		132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM, 64QAM
		132047 to 132597	132047,132322,132597	15MHz	QPSK,16QAM, 64QAM
		132072 to 132572	132072,132322,132572	20MHz	QPSK,16QAM, 64QAM
A	RADIATED EMISSION	131979 to 132665	132322	1.4MHz	QPSK
		131987 to 132657	132322	3MHz	QPSK
		131997 to 132647	132322	5MHz	QPSK
		132022 to 132622	132322	10MHz	QPSK
		132047 to 132597	132322	15MHz	QPSK
		132072 to 132572	132322	20MHz	QPSK

Note: This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.



Test Report No.: RF260330B003

TEST CONDITION:

TEST ITEM	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
ERP&EIRP	23deg. C, 70%RH	DC 4V By DC Supply	Carl Xie
FREQUENCY STABILITY	23deg. C, 70%RH	DC 3.7V/4V/4V By DC Supply	Alan Yu
OCCUPIED BANDWIDTH	23deg. C, 70%RH	DC4V By DC Supply	Alan Yu
BAND EDGE	23deg. C, 70%RH	DC 4V By DC Supply	Alan Yu
CONDUCTED EMISSION	23deg. C, 70%RH	DC4V By DC Supply	Alan Yu
RADIATED EMISSION	23deg. C, 70%RH	DC4V By DC Supply	Carl Xie
PEAK TO AVERAGE RATIO	23deg. C, 70%RH	DC4V By DC Supply	Alan Yu



Test Report No.: RF260330B003

2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 2

FCC 47 CFR Part 27

KDB 971168 D01 Power Meas License Digital Systems v03r01

ANSI/TIA/EIA-603-D

ANSI/TIA/EIA-603-E

ANSI C63.26-2015

NOTE: All test items have been performed and recorded as per the above standards.

3 TEST TYPES AND RESULTS

3.1 OUTPUT POWER MEASUREMENT

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

The radiated peak output power shall be according to the specific rule Part 27.50(h)(2) that “User stations are limited to 2 watts” and 27.50(i) specific that “Peak transmit power must be measure over any interval of continuous transmission using instrumentation calibration in terms of rms-equivalent voltage.”

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP

According to the specific rule Part 27.50 (k)(3) Mobile devices are limited to 1Watt (30 dBm) EIRP, Mobile devices operating inl these bands must employ a means for limiting power to the minimum necessary for successful communications

3.1.2 TEST PROCEDURES

EIRP MEASUREMENT:

Per KDB 971168 D01 Power Meas License Digital Systems v03r01 or subclause 5.2.5.5 of ANSI C63.26-2015, the relevant equation for determing the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_{\text{T}} - L_{\text{C}}$$

Where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power, respectively
(expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

G_{T} = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

L_{C} = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

CONDUCTED POWER MEASUREMENT:

- The EUT was set up for the maximum power with LTE link data modulation and link up with simulator.
- Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.



Test Report No.: RF260330B003

3.1.3 TEST SETUP

CONDUCTED POWER MEASUREMENT:



For the actual test configuration, please refer to the attached file (Test Setup Photo).



Test Report No.: RF260330B003

3.1.4 TEST RESULTS

WCDMA IV

Band: 4								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	23.27	-4.10	19.17	<=30	Pass
			1732.6	23.38	-4.10	19.28	<=30	Pass
			1752.6	23.38	-4.10	19.28	<=30	Pass
	HSDPA	Subtest 1	1712.4	21.43	-4.10	17.33	<=30	Pass
		Subtest 2	1712.4	21.42	-4.10	17.32	<=30	Pass
		Subtest 3	1712.4	21.40	-4.10	17.30	<=30	Pass
		Subtest 4	1712.4	21.40	-4.10	17.30	<=30	Pass
		Subtest 1	1732.6	21.60	-4.10	17.50	<=30	Pass
		Subtest 2	1732.6	21.62	-4.10	17.52	<=30	Pass
		Subtest 3	1732.6	21.58	-4.10	17.48	<=30	Pass
		Subtest 4	1732.6	21.59	-4.10	17.49	<=30	Pass
		Subtest 1	1752.6	21.57	-4.10	17.47	<=30	Pass
		Subtest 2	1752.6	21.57	-4.10	17.47	<=30	Pass
		Subtest 3	1752.6	21.54	-4.10	17.44	<=30	Pass
		Subtest 4	1752.6	21.54	-4.10	17.44	<=30	Pass
	HSUPA	Subtest 1	1712.4	18.90	-4.10	14.80	<=30	Pass
		Subtest 2	1712.4	19.77	-4.10	15.67	<=30	Pass
		Subtest 3	1712.4	19.57	-4.10	15.47	<=30	Pass
		Subtest 4	1712.4	18.80	-4.10	14.70	<=30	Pass
		Subtest 5	1712.4	18.82	-4.10	14.72	<=30	Pass
		Subtest 1	1732.6	18.92	-4.10	14.82	<=30	Pass
		Subtest 2	1732.6	19.97	-4.10	15.87	<=30	Pass
		Subtest 3	1732.6	19.92	-4.10	15.82	<=30	Pass
		Subtest 4	1732.6	18.40	-4.10	14.30	<=30	Pass
		Subtest 5	1732.6	18.38	-4.10	14.28	<=30	Pass
		Subtest 1	1752.6	18.86	-4.10	14.76	<=30	Pass
		Subtest 2	1752.6	19.43	-4.10	15.33	<=30	Pass
		Subtest 3	1752.6	19.44	-4.10	15.34	<=30	Pass
		Subtest 4	1752.6	19.00	-4.10	14.90	<=30	Pass
		Subtest 5	1752.6	18.95	-4.10	14.85	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain



Test Report No.: RF260330B003

LTE Band4

1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.39	-4.10	19.29	<=30	Pass
			2	23.52	-4.10	19.42	<=30	Pass
			5	23.47	-4.10	19.37	<=30	Pass
		3	0	23.40	-4.10	19.30	<=30	Pass
			2	23.55	-4.10	19.45	<=30	Pass
			3	23.53	-4.10	19.43	<=30	Pass
		6	0	22.59	-4.10	18.49	<=30	Pass
	1732.5	1	0	23.61	-4.10	19.51	<=30	Pass
			2	23.64	-4.10	19.54	<=30	Pass
			5	23.78	-4.10	19.68	<=30	Pass
		3	0	23.58	-4.10	19.48	<=30	Pass
			2	23.78	-4.10	19.68	<=30	Pass
			3	23.69	-4.10	19.59	<=30	Pass
		6	0	22.60	-4.10	18.50	<=30	Pass
	1754.3	1	0	23.72	-4.10	19.62	<=30	Pass
			2	23.51	-4.10	19.41	<=30	Pass
			5	23.46	-4.10	19.36	<=30	Pass
		3	0	23.86	-4.10	19.76	<=30	Pass
			2	23.67	-4.10	19.57	<=30	Pass
			3	23.68	-4.10	19.58	<=30	Pass
		6	0	22.72	-4.10	18.62	<=30	Pass
16QAM	1710.7	1	0	22.79	-4.10	18.69	<=30	Pass
			2	23.01	-4.10	18.91	<=30	Pass
			5	22.95	-4.10	18.85	<=30	Pass
		3	0	22.72	-4.10	18.62	<=30	Pass
			2	22.81	-4.10	18.71	<=30	Pass
			3	22.69	-4.10	18.59	<=30	Pass
		6	0	21.72	-4.10	17.62	<=30	Pass
	1732.5	1	0	23.08	-4.10	18.98	<=30	Pass
			2	22.87	-4.10	18.77	<=30	Pass
			5	22.86	-4.10	18.76	<=30	Pass
		3	0	23.00	-4.10	18.90	<=30	Pass
			2	22.87	-4.10	18.77	<=30	Pass
			3	22.82	-4.10	18.72	<=30	Pass
		6	0	21.83	-4.10	17.73	<=30	Pass
	1754.3	1	0	23.08	-4.10	18.98	<=30	Pass
			2	23.03	-4.10	18.93	<=30	Pass
			5	23.15	-4.10	19.05	<=30	Pass
		3	0	22.92	-4.10	18.82	<=30	Pass
			2	23.10	-4.10	19.00	<=30	Pass
			3	23.02	-4.10	18.92	<=30	Pass
		6	0	22.03	-4.10	17.93	<=30	Pass
64QAM	1710.7	1	0	22.78	-4.10	18.68	<=30	Pass
			2	22.25	-4.10	18.15	<=30	Pass
			5	22.86	-4.10	18.76	<=30	Pass
		3	0	22.82	-4.10	18.72	<=30	Pass
			2	22.67	-4.10	18.57	<=30	Pass



Test Report No.: RF260330B003

		6	3	22.65	-4.10	18.55	<=30	Pass
			0	21.61	-4.10	17.51	<=30	Pass
	1732.5	1	0	22.68	-4.10	18.58	<=30	Pass
			2	22.79	-4.10	18.69	<=30	Pass
			5	22.62	-4.10	18.52	<=30	Pass
		3	0	22.57	-4.10	18.47	<=30	Pass
			2	22.78	-4.10	18.68	<=30	Pass
			3	22.73	-4.10	18.63	<=30	Pass
		6	0	21.74	-4.10	17.64	<=30	Pass
	1754.3	1	0	22.77	-4.10	18.67	<=30	Pass
			2	22.62	-4.10	18.52	<=30	Pass
			5	22.97	-4.10	18.87	<=30	Pass
		3	0	22.77	-4.10	18.67	<=30	Pass
			2	22.73	-4.10	18.63	<=30	Pass
			3	22.84	-4.10	18.74	<=30	Pass
		6	0	21.82	-4.10	17.72	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.62	-4.10	19.52	<=30	Pass
			7	23.61	-4.10	19.51	<=30	Pass
			14	23.69	-4.10	19.59	<=30	Pass
		8	0	22.70	-4.10	18.60	<=30	Pass
			4	22.67	-4.10	18.57	<=30	Pass
			7	22.68	-4.10	18.58	<=30	Pass
		15	0	22.69	-4.10	18.59	<=30	Pass
	1732.5	1	0	23.66	-4.10	19.56	<=30	Pass
			7	23.77	-4.10	19.67	<=30	Pass
			14	23.56	-4.10	19.46	<=30	Pass
		8	0	22.78	-4.10	18.68	<=30	Pass
			4	22.84	-4.10	18.74	<=30	Pass
			7	22.94	-4.10	18.84	<=30	Pass
		15	0	22.80	-4.10	18.70	<=30	Pass
	1753.5	1	0	23.46	-4.10	19.36	<=30	Pass
			7	23.80	-4.10	19.70	<=30	Pass
			14	23.83	-4.10	19.73	<=30	Pass
		8	0	22.81	-4.10	18.71	<=30	Pass
			4	22.82	-4.10	18.72	<=30	Pass
			7	22.92	-4.10	18.82	<=30	Pass
		15	0	22.77	-4.10	18.67	<=30	Pass
16QAM	1711.5	1	0	22.81	-4.10	18.71	<=30	Pass
			7	23.37	-4.10	19.27	<=30	Pass
			14	22.96	-4.10	18.86	<=30	Pass
		8	0	21.85	-4.10	17.75	<=30	Pass
			4	21.90	-4.10	17.80	<=30	Pass
			7	21.71	-4.10	17.61	<=30	Pass
		15	0	21.53	-4.10	17.43	<=30	Pass
	1732.5	1	0	22.93	-4.10	18.83	<=30	Pass
			7	23.21	-4.10	19.11	<=30	Pass



Test Report No.: RF260330B003

64QAM	1753.5	8	14	23.16	-4.10	19.06	<=30	Pass
			0	22.00	-4.10	17.90	<=30	Pass
			4	21.86	-4.10	17.76	<=30	Pass
			7	21.97	-4.10	17.87	<=30	Pass
		15	0	21.89	-4.10	17.79	<=30	Pass
	1753.5	1	0	23.05	-4.10	18.95	<=30	Pass
			7	23.18	-4.10	19.08	<=30	Pass
			14	22.95	-4.10	18.85	<=30	Pass
		8	0	21.91	-4.10	17.81	<=30	Pass
			4	21.87	-4.10	17.77	<=30	Pass
			7	22.09	-4.10	17.99	<=30	Pass
		15	0	21.85	-4.10	17.75	<=30	Pass
	1711.5	1	0	22.59	-4.10	18.49	<=30	Pass
			7	22.85	-4.10	18.75	<=30	Pass
			14	22.87	-4.10	18.77	<=30	Pass
		8	0	21.68	-4.10	17.58	<=30	Pass
			4	21.62	-4.10	17.52	<=30	Pass
			7	21.69	-4.10	17.59	<=30	Pass
		15	0	21.65	-4.10	17.55	<=30	Pass
	1732.5	1	0	22.65	-4.10	18.55	<=30	Pass
			7	23.02	-4.10	18.92	<=30	Pass
			14	22.80	-4.10	18.70	<=30	Pass
		8	0	21.83	-4.10	17.73	<=30	Pass
			4	21.77	-4.10	17.67	<=30	Pass
			7	21.88	-4.10	17.78	<=30	Pass
		15	0	21.82	-4.10	17.72	<=30	Pass
	1753.5	1	0	22.78	-4.10	18.68	<=30	Pass
			7	23.00	-4.10	18.90	<=30	Pass
			14	23.17	-4.10	19.07	<=30	Pass
		8	0	21.84	-4.10	17.74	<=30	Pass
			4	21.94	-4.10	17.84	<=30	Pass
			7	21.94	-4.10	17.84	<=30	Pass
		15	0	21.95	-4.10	17.85	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.50	-4.10	19.40	<=30	Pass
			13	23.83	-4.10	19.73	<=30	Pass
			24	23.52	-4.10	19.42	<=30	Pass
		12	0	22.53	-4.10	18.43	<=30	Pass
			6	22.73	-4.10	18.63	<=30	Pass
			13	22.64	-4.10	18.54	<=30	Pass
	1732.5	25	0	22.62	-4.10	18.52	<=30	Pass
		1	0	23.76	-4.10	19.66	<=30	Pass
			13	23.85	-4.10	19.75	<=30	Pass
			24	24.02	-4.10	19.92	<=30	Pass
		12	0	22.83	-4.10	18.73	<=30	Pass
			6	22.93	-4.10	18.83	<=30	Pass
			13	22.86	-4.10	18.76	<=30	Pass



Test Report No.: RF260330B003

		25	0	22.83	-4.10	18.73	<=30	Pass
	1752.5	1	0	23.64	-4.10	19.54	<=30	Pass
			13	23.83	-4.10	19.73	<=30	Pass
			24	23.96	-4.10	19.86	<=30	Pass
		12	0	22.84	-4.10	18.74	<=30	Pass
			6	22.68	-4.10	18.58	<=30	Pass
			13	22.82	-4.10	18.72	<=30	Pass
		25	0	22.78	-4.10	18.68	<=30	Pass
16QAM	1712.5	1	0	23.04	-4.10	18.94	<=30	Pass
			13	22.76	-4.10	18.66	<=30	Pass
			24	22.97	-4.10	18.87	<=30	Pass
		12	0	21.69	-4.10	17.59	<=30	Pass
			6	21.78	-4.10	17.68	<=30	Pass
			13	21.71	-4.10	17.61	<=30	Pass
		25	0	21.67	-4.10	17.57	<=30	Pass
	1732.5	1	0	23.28	-4.10	19.18	<=30	Pass
			13	23.18	-4.10	19.08	<=30	Pass
			24	23.24	-4.10	19.14	<=30	Pass
		12	0	21.85	-4.10	17.75	<=30	Pass
			6	21.92	-4.10	17.82	<=30	Pass
			13	21.85	-4.10	17.75	<=30	Pass
		25	0	21.78	-4.10	17.68	<=30	Pass
	1752.5	1	0	22.86	-4.10	18.76	<=30	Pass
			13	23.03	-4.10	18.93	<=30	Pass
			24	23.01	-4.10	18.91	<=30	Pass
		12	0	21.93	-4.10	17.83	<=30	Pass
			6	21.90	-4.10	17.80	<=30	Pass
			13	21.81	-4.10	17.71	<=30	Pass
		25	0	21.89	-4.10	17.79	<=30	Pass
64QAM	1712.5	1	0	22.47	-4.10	18.37	<=30	Pass
			13	22.71	-4.10	18.61	<=30	Pass
			24	22.57	-4.10	18.47	<=30	Pass
		12	0	21.64	-4.10	17.54	<=30	Pass
			6	21.74	-4.10	17.64	<=30	Pass
			13	21.73	-4.10	17.63	<=30	Pass
		25	0	21.58	-4.10	17.48	<=30	Pass
	1732.5	1	0	22.66	-4.10	18.56	<=30	Pass
			13	22.94	-4.10	18.84	<=30	Pass
			24	22.71	-4.10	18.61	<=30	Pass
		12	0	21.81	-4.10	17.71	<=30	Pass
			6	21.88	-4.10	17.78	<=30	Pass
			13	21.89	-4.10	17.79	<=30	Pass
	25	0	21.81	-4.10	17.71	<=30	Pass	
	1752.5	1	0	22.44	-4.10	18.34	<=30	Pass
			13	22.97	-4.10	18.87	<=30	Pass
			24	22.83	-4.10	18.73	<=30	Pass
		12	0	21.82	-4.10	17.72	<=30	Pass
			6	21.96	-4.10	17.86	<=30	Pass
13			21.97	-4.10	17.87	<=30	Pass	
25	0	21.90	-4.10	17.80	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								



Test Report No.: RF260330B003

10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.52	-4.10	19.42	<=30	Pass
			25	24.08	-4.10	19.98	<=30	Pass
			49	23.91	-4.10	19.81	<=30	Pass
		25	0	22.70	-4.10	18.60	<=30	Pass
			13	22.73	-4.10	18.63	<=30	Pass
			25	22.63	-4.10	18.53	<=30	Pass
		50	0	22.71	-4.10	18.61	<=30	Pass
	1732.5	1	0	23.91	-4.10	19.81	<=30	Pass
			25	23.73	-4.10	19.63	<=30	Pass
			49	23.98	-4.10	19.88	<=30	Pass
		25	0	22.89	-4.10	18.79	<=30	Pass
			13	22.97	-4.10	18.87	<=30	Pass
			25	22.82	-4.10	18.72	<=30	Pass
		50	0	22.80	-4.10	18.70	<=30	Pass
	1750	1	0	23.58	-4.10	19.48	<=30	Pass
			25	23.71	-4.10	19.61	<=30	Pass
			49	23.68	-4.10	19.58	<=30	Pass
		25	0	22.89	-4.10	18.79	<=30	Pass
			13	22.82	-4.10	18.72	<=30	Pass
			25	22.85	-4.10	18.75	<=30	Pass
		50	0	22.76	-4.10	18.66	<=30	Pass
16QAM	1715	1	0	22.91	-4.10	18.81	<=30	Pass
			25	22.87	-4.10	18.77	<=30	Pass
			49	22.67	-4.10	18.57	<=30	Pass
		25	0	21.63	-4.10	17.53	<=30	Pass
			13	21.77	-4.10	17.67	<=30	Pass
			25	21.48	-4.10	17.38	<=30	Pass
		50	0	21.70	-4.10	17.60	<=30	Pass
	1732.5	1	0	22.67	-4.10	18.57	<=30	Pass
			25	23.33	-4.10	19.23	<=30	Pass
			49	23.00	-4.10	18.90	<=30	Pass
		25	0	21.89	-4.10	17.79	<=30	Pass
			13	21.88	-4.10	17.78	<=30	Pass
			25	21.80	-4.10	17.70	<=30	Pass
		50	0	21.81	-4.10	17.71	<=30	Pass
	1750	1	0	22.51	-4.10	18.41	<=30	Pass
			25	23.07	-4.10	18.97	<=30	Pass
			49	22.85	-4.10	18.75	<=30	Pass
		25	0	21.76	-4.10	17.66	<=30	Pass
			13	21.90	-4.10	17.80	<=30	Pass
			25	21.93	-4.10	17.83	<=30	Pass
		50	0	22.00	-4.10	17.90	<=30	Pass
64QAM	1715	1	0	22.58	-4.10	18.48	<=30	Pass
			25	23.02	-4.10	18.92	<=30	Pass
			49	22.77	-4.10	18.67	<=30	Pass
		25	0	21.74	-4.10	17.64	<=30	Pass
			13	21.79	-4.10	17.69	<=30	Pass
			25	21.67	-4.10	17.57	<=30	Pass



Test Report No.: RF260330B003

	1732.5	50	0	21.72	-4.10	17.62	<=30	Pass
		1	0	22.58	-4.10	18.48	<=30	Pass
			25	22.29	-4.10	18.19	<=30	Pass
			49	22.88	-4.10	18.78	<=30	Pass
		25	0	21.83	-4.10	17.73	<=30	Pass
			13	21.90	-4.10	17.80	<=30	Pass
			25	21.87	-4.10	17.77	<=30	Pass
		50	0	21.81	-4.10	17.71	<=30	Pass
	1750	1	0	22.78	-4.10	18.68	<=30	Pass
			25	22.53	-4.10	18.43	<=30	Pass
			49	22.66	-4.10	18.56	<=30	Pass
		25	0	21.83	-4.10	17.73	<=30	Pass
			13	21.72	-4.10	17.62	<=30	Pass
			25	21.93	-4.10	17.83	<=30	Pass
		50	0	21.74	-4.10	17.64	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.77	-4.10	19.67	<=30	Pass
			38	23.81	-4.10	19.71	<=30	Pass
			74	24.12	-4.10	20.02	<=30	Pass
		36	0	22.70	-4.10	18.60	<=30	Pass
			18	22.72	-4.10	18.62	<=30	Pass
			39	22.71	-4.10	18.61	<=30	Pass
		75	0	22.68	-4.10	18.58	<=30	Pass
	1732.5	1	0	23.79	-4.10	19.69	<=30	Pass
			38	23.62	-4.10	19.52	<=30	Pass
			74	23.94	-4.10	19.84	<=30	Pass
		36	0	22.73	-4.10	18.63	<=30	Pass
			18	22.82	-4.10	18.72	<=30	Pass
			39	22.79	-4.10	18.69	<=30	Pass
		75	0	22.84	-4.10	18.74	<=30	Pass
	1747.5	1	0	24.11	-4.10	20.01	<=30	Pass
			38	23.75	-4.10	19.65	<=30	Pass
			74	23.77	-4.10	19.67	<=30	Pass
		36	0	22.77	-4.10	18.67	<=30	Pass
			18	22.81	-4.10	18.71	<=30	Pass
			39	22.86	-4.10	18.76	<=30	Pass
		75	0	22.79	-4.10	18.69	<=30	Pass
16QAM	1717.5	1	0	22.83	-4.10	18.73	<=30	Pass
			38	22.56	-4.10	18.46	<=30	Pass
			74	22.88	-4.10	18.78	<=30	Pass
		36	0	21.66	-4.10	17.56	<=30	Pass
			18	21.68	-4.10	17.58	<=30	Pass
			39	21.68	-4.10	17.58	<=30	Pass
		75	0	21.82	-4.10	17.72	<=30	Pass
	1732.5	1	0	22.76	-4.10	18.66	<=30	Pass
			38	22.81	-4.10	18.71	<=30	Pass
			74	23.09	-4.10	18.99	<=30	Pass



Test Report No.: RF260330B003

		36	0	21.77	-4.10	17.67	<=30	Pass		
			18	21.86	-4.10	17.76	<=30	Pass		
			39	21.79	-4.10	17.69	<=30	Pass		
		75	0	21.79	-4.10	17.69	<=30	Pass		
			1747.5	1	0	22.99	-4.10	18.89	<=30	Pass
					38	22.90	-4.10	18.80	<=30	Pass
	74	22.93			-4.10	18.83	<=30	Pass		
	36	0		21.72	-4.10	17.62	<=30	Pass		
		18		21.85	-4.10	17.75	<=30	Pass		
		39		21.88	-4.10	17.78	<=30	Pass		
	75	0	22.10	-4.10	18.00	<=30	Pass			
	64QAM	1717.5	1	0	22.65	-4.10	18.55	<=30	Pass	
38				22.22	-4.10	18.12	<=30	Pass		
74				22.74	-4.10	18.64	<=30	Pass		
36			0	21.61	-4.10	17.51	<=30	Pass		
			18	21.67	-4.10	17.57	<=30	Pass		
			39	21.76	-4.10	17.66	<=30	Pass		
75			0	21.60	-4.10	17.50	<=30	Pass		
1732.5			1	0	22.87	-4.10	18.77	<=30	Pass	
				38	22.68	-4.10	18.58	<=30	Pass	
		74		22.82	-4.10	18.72	<=30	Pass		
		36	0	21.80	-4.10	17.70	<=30	Pass		
			18	21.90	-4.10	17.80	<=30	Pass		
			39	21.89	-4.10	17.79	<=30	Pass		
75		0	21.85	-4.10	17.75	<=30	Pass			
1747.5		1	0	22.33	-4.10	18.23	<=30	Pass		
			38	22.75	-4.10	18.65	<=30	Pass		
			74	22.94	-4.10	18.84	<=30	Pass		
		36	0	21.81	-4.10	17.71	<=30	Pass		
			18	21.98	-4.10	17.88	<=30	Pass		
			39	21.86	-4.10	17.76	<=30	Pass		
		75	0	21.84	-4.10	17.74	<=30	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.64	-4.10	19.54	<=30	Pass
			50	23.57	-4.10	19.47	<=30	Pass
			99	23.73	-4.10	19.63	<=30	Pass
		50	0	22.45	-4.10	18.35	<=30	Pass
			25	22.57	-4.10	18.47	<=30	Pass
			50	22.72	-4.10	18.62	<=30	Pass
		100	0	22.62	-4.10	18.52	<=30	Pass
	1732.5	1	0	23.73	-4.10	19.63	<=30	Pass
			50	24.37	-4.10	20.27	<=30	Pass
			99	24.18	-4.10	20.08	<=30	Pass
		50	0	22.76	-4.10	18.66	<=30	Pass
			25	22.82	-4.10	18.72	<=30	Pass
			50	22.83	-4.10	18.73	<=30	Pass
		100	0	22.85	-4.10	18.75	<=30	Pass



Test Report No.: RF260330B003

	1745	1	0	23.69	-4.10	19.59	<=30	Pass		
			50	24.19	-4.10	20.09	<=30	Pass		
			99	24.35	-4.10	20.25	<=30	Pass		
		50	0	22.78	-4.10	18.68	<=30	Pass		
			25	22.87	-4.10	18.77	<=30	Pass		
			50	22.88	-4.10	18.78	<=30	Pass		
		100	0	22.79	-4.10	18.69	<=30	Pass		
		16QAM	1720	1	0	22.58	-4.10	18.48	<=30	Pass
					50	22.61	-4.10	18.51	<=30	Pass
99	22.81				-4.10	18.71	<=30	Pass		
50	0			21.60	-4.10	17.50	<=30	Pass		
	25			21.59	-4.10	17.49	<=30	Pass		
	50			21.72	-4.10	17.62	<=30	Pass		
100	0			21.53	-4.10	17.43	<=30	Pass		
1732.5	1			0	22.36	-4.10	18.26	<=30	Pass	
				50	23.11	-4.10	19.01	<=30	Pass	
			99	22.72	-4.10	18.62	<=30	Pass		
	50		0	21.83	-4.10	17.73	<=30	Pass		
			25	21.89	-4.10	17.79	<=30	Pass		
			50	21.86	-4.10	17.76	<=30	Pass		
	100		0	21.83	-4.10	17.73	<=30	Pass		
	1745		1	0	22.62	-4.10	18.52	<=30	Pass	
				50	23.09	-4.10	18.99	<=30	Pass	
99				22.81	-4.10	18.71	<=30	Pass		
50			0	21.73	-4.10	17.63	<=30	Pass		
			25	21.94	-4.10	17.84	<=30	Pass		
			50	21.87	-4.10	17.77	<=30	Pass		
100			0	21.83	-4.10	17.73	<=30	Pass		
64QAM			1720	1	0	22.75	-4.10	18.65	<=30	Pass
					50	22.77	-4.10	18.67	<=30	Pass
	99				22.95	-4.10	18.85	<=30	Pass	
	50			0	21.72	-4.10	17.62	<=30	Pass	
				25	21.68	-4.10	17.58	<=30	Pass	
				50	21.73	-4.10	17.63	<=30	Pass	
	100	0		21.69	-4.10	17.59	<=30	Pass		
	1732.5	1		0	22.28	-4.10	18.18	<=30	Pass	
				50	22.90	-4.10	18.80	<=30	Pass	
			99	22.71	-4.10	18.61	<=30	Pass		
		50	0	21.79	-4.10	17.69	<=30	Pass		
			25	21.86	-4.10	17.76	<=30	Pass		
			50	21.88	-4.10	17.78	<=30	Pass		
		100	0	21.75	-4.10	17.65	<=30	Pass		
		1745	1	0	22.40	-4.10	18.30	<=30	Pass	
				50	22.80	-4.10	18.70	<=30	Pass	
	99			22.78	-4.10	18.68	<=30	Pass		
	50		0	21.61	-4.10	17.51	<=30	Pass		
			25	21.84	-4.10	17.74	<=30	Pass		
			50	21.84	-4.10	17.74	<=30	Pass		
	100		0	21.68	-4.10	17.58	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain



Test Report No.: RF260330B003

LTE Band38

5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	21.12	-5.00	16.12	<=33.01	Pass
			13	21.27	-5.00	16.27	<=33.01	Pass
			24	21.27	-5.00	16.27	<=33.01	Pass
		12	0	20.27	-5.00	15.27	<=33.01	Pass
			6	20.38	-5.00	15.38	<=33.01	Pass
			13	20.40	-5.00	15.40	<=33.01	Pass
		25	0	20.35	-5.00	15.35	<=33.01	Pass
	2595	1	0	21.15	-5.00	16.15	<=33.01	Pass
			13	21.16	-5.00	16.16	<=33.01	Pass
			24	21.17	-5.00	16.17	<=33.01	Pass
		12	0	20.12	-5.00	15.12	<=33.01	Pass
			6	20.10	-5.00	15.10	<=33.01	Pass
			13	20.19	-5.00	15.19	<=33.01	Pass
		25	0	19.87	-5.00	14.87	<=33.01	Pass
	2617.5	1	0	20.64	-5.00	15.64	<=33.01	Pass
			13	20.61	-5.00	15.61	<=33.01	Pass
			24	20.59	-5.00	15.59	<=33.01	Pass
		12	0	19.46	-5.00	14.46	<=33.01	Pass
			6	19.45	-5.00	14.45	<=33.01	Pass
			13	19.63	-5.00	14.63	<=33.01	Pass
		25	0	19.46	-5.00	14.46	<=33.01	Pass
16QAM	2572.5	1	0	20.10	-5.00	15.10	<=33.01	Pass
			13	20.52	-5.00	15.52	<=33.01	Pass
			24	20.05	-5.00	15.05	<=33.01	Pass
		12	0	19.22	-5.00	14.22	<=33.01	Pass
			6	19.37	-5.00	14.37	<=33.01	Pass
			13	19.38	-5.00	14.38	<=33.01	Pass
		25	0	19.38	-5.00	14.38	<=33.01	Pass
	2595	1	0	20.06	-5.00	15.06	<=33.01	Pass
			13	20.27	-5.00	15.27	<=33.01	Pass
			24	19.88	-5.00	14.88	<=33.01	Pass
		12	0	19.18	-5.00	14.18	<=33.01	Pass
			6	19.08	-5.00	14.08	<=33.01	Pass
			13	19.16	-5.00	14.16	<=33.01	Pass
		25	0	19.15	-5.00	14.15	<=33.01	Pass
	2617.5	1	0	19.92	-5.00	14.92	<=33.01	Pass
			13	19.72	-5.00	14.72	<=33.01	Pass
			24	19.65	-5.00	14.65	<=33.01	Pass
		12	0	18.72	-5.00	13.72	<=33.01	Pass
			6	18.39	-5.00	13.39	<=33.01	Pass
			13	18.62	-5.00	13.62	<=33.01	Pass
		25	0	18.65	-5.00	13.65	<=33.01	Pass
64QAM	2572.5	1	0	19.86	-5.00	14.86	<=33.01	Pass
			13	20.16	-5.00	15.16	<=33.01	Pass
			24	19.96	-5.00	14.96	<=33.01	Pass
		12	0	19.30	-5.00	14.30	<=33.01	Pass
			6	19.27	-5.00	14.27	<=33.01	Pass



Test Report No.: RF260330B003

		25	13	19.47	-5.00	14.47	<=33.01	Pass
			0	19.34	-5.00	14.34	<=33.01	Pass
			25	19.34	-5.00	14.34	<=33.01	Pass
	2595	1	0	20.17	-5.00	15.17	<=33.01	Pass
			13	19.97	-5.00	14.97	<=33.01	Pass
			24	20.00	-5.00	15.00	<=33.01	Pass
		12	0	19.13	-5.00	14.13	<=33.01	Pass
			6	19.13	-5.00	14.13	<=33.01	Pass
			13	19.19	-5.00	14.19	<=33.01	Pass
		25	0	19.11	-5.00	14.11	<=33.01	Pass
	2617.5	1	0	19.54	-5.00	14.54	<=33.01	Pass
			13	19.52	-5.00	14.52	<=33.01	Pass
			24	19.57	-5.00	14.57	<=33.01	Pass
		12	0	18.64	-5.00	13.64	<=33.01	Pass
			6	18.72	-5.00	13.72	<=33.01	Pass
			13	18.63	-5.00	13.63	<=33.01	Pass
		25	0	18.52	-5.00	13.52	<=33.01	Pass
		Note1: EIRP=Conducted Power+Antenna Gain						

10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	21.20	-5.00	16.20	<=33.01	Pass
			25	21.49	-5.00	16.49	<=33.01	Pass
			49	21.47	-5.00	16.47	<=33.01	Pass
		25	0	20.31	-5.00	15.31	<=33.01	Pass
			13	20.46	-5.00	15.46	<=33.01	Pass
			25	20.56	-5.00	15.56	<=33.01	Pass
		50	0	20.45	-5.00	15.45	<=33.01	Pass
	2595	1	0	21.10	-5.00	16.10	<=33.01	Pass
			25	20.95	-5.00	15.95	<=33.01	Pass
			49	21.21	-5.00	16.21	<=33.01	Pass
		25	0	20.10	-5.00	15.10	<=33.01	Pass
			13	20.09	-5.00	15.09	<=33.01	Pass
			25	20.16	-5.00	15.16	<=33.01	Pass
		50	0	20.13	-5.00	15.13	<=33.01	Pass
	2615	1	0	20.87	-5.00	15.87	<=33.01	Pass
			25	20.43	-5.00	15.43	<=33.01	Pass
			49	20.39	-5.00	15.39	<=33.01	Pass
		25	0	19.58	-5.00	14.58	<=33.01	Pass
			13	19.57	-5.00	14.57	<=33.01	Pass
			25	19.49	-5.00	14.49	<=33.01	Pass
		50	0	19.55	-5.00	14.55	<=33.01	Pass
16QAM	2575	1	0	20.00	-5.00	15.00	<=33.01	Pass
			25	20.37	-5.00	15.37	<=33.01	Pass
			49	20.40	-5.00	15.40	<=33.01	Pass
		25	0	19.33	-5.00	14.33	<=33.01	Pass
			13	19.41	-5.00	14.41	<=33.01	Pass
			25	19.51	-5.00	14.51	<=33.01	Pass
		50	0	19.50	-5.00	14.50	<=33.01	Pass
	2595	1	0	20.16	-5.00	15.16	<=33.01	Pass
			25	20.07	-5.00	15.07	<=33.01	Pass



Test Report No.: RF260330B003

64QAM		25	49	20.25	-5.00	15.25	<=33.01	Pass
			0	19.14	-5.00	14.14	<=33.01	Pass
			13	18.99	-5.00	13.99	<=33.01	Pass
			25	19.08	-5.00	14.08	<=33.01	Pass
		50	0	19.16	-5.00	14.16	<=33.01	Pass
	2615	1	0	19.88	-5.00	14.88	<=33.01	Pass
			25	19.54	-5.00	14.54	<=33.01	Pass
			49	19.43	-5.00	14.43	<=33.01	Pass
		25	0	18.74	-5.00	13.74	<=33.01	Pass
			13	18.57	-5.00	13.57	<=33.01	Pass
			25	18.63	-5.00	13.63	<=33.01	Pass
		50	0	18.84	-5.00	13.84	<=33.01	Pass
	2575	1	0	20.19	-5.00	15.19	<=33.01	Pass
			25	20.15	-5.00	15.15	<=33.01	Pass
			49	20.34	-5.00	15.34	<=33.01	Pass
		25	0	19.33	-5.00	14.33	<=33.01	Pass
			13	19.38	-5.00	14.38	<=33.01	Pass
			25	19.36	-5.00	14.36	<=33.01	Pass
		50	0	19.19	-5.00	14.19	<=33.01	Pass
	2595	1	0	20.17	-5.00	15.17	<=33.01	Pass
			25	20.12	-5.00	15.12	<=33.01	Pass
			49	20.05	-5.00	15.05	<=33.01	Pass
		25	0	19.10	-5.00	14.10	<=33.01	Pass
			13	19.08	-5.00	14.08	<=33.01	Pass
			25	19.13	-5.00	14.13	<=33.01	Pass
		50	0	19.08	-5.00	14.08	<=33.01	Pass
	2615	1	0	19.91	-5.00	14.91	<=33.01	Pass
			25	19.81	-5.00	14.81	<=33.01	Pass
			49	19.53	-5.00	14.53	<=33.01	Pass
		25	0	18.86	-5.00	13.86	<=33.01	Pass
			13	18.59	-5.00	13.59	<=33.01	Pass
			25	18.52	-5.00	13.52	<=33.01	Pass
		50	0	18.60	-5.00	13.60	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	21.21	-5.00	16.21	<=33.01	Pass
			38	21.49	-5.00	16.49	<=33.01	Pass
			74	21.43	-5.00	16.43	<=33.01	Pass
		36	0	20.37	-5.00	15.37	<=33.01	Pass
			18	20.60	-5.00	15.60	<=33.01	Pass
			39	20.35	-5.00	15.35	<=33.01	Pass
		75	0	20.49	-5.00	15.49	<=33.01	Pass
	2595	1	0	21.23	-5.00	16.23	<=33.01	Pass
			38	21.00	-5.00	16.00	<=33.01	Pass
			74	21.14	-5.00	16.14	<=33.01	Pass
		36	0	20.14	-5.00	15.14	<=33.01	Pass
			18	20.07	-5.00	15.07	<=33.01	Pass
			39	20.12	-5.00	15.12	<=33.01	Pass



Test Report No.: RF260330B003

		75	0	20.10	-5.00	15.10	<=33.01	Pass	
		2612.5	1	0	21.11	-5.00	16.11	<=33.01	Pass
				38	20.47	-5.00	15.47	<=33.01	Pass
				74	20.51	-5.00	15.51	<=33.01	Pass
			36	0	20.07	-5.00	15.07	<=33.01	Pass
		18		19.90	-5.00	14.90	<=33.01	Pass	
		39		19.31	-5.00	14.31	<=33.01	Pass	
		75	0	19.57	-5.00	14.57	<=33.01	Pass	
16QAM	2577.5	1	0	20.10	-5.00	15.10	<=33.01	Pass	
			38	20.39	-5.00	15.39	<=33.01	Pass	
			74	20.47	-5.00	15.47	<=33.01	Pass	
		36	0	19.38	-5.00	14.38	<=33.01	Pass	
			18	19.51	-5.00	14.51	<=33.01	Pass	
			39	19.35	-5.00	14.35	<=33.01	Pass	
		75	0	19.44	-5.00	14.44	<=33.01	Pass	
	2595	1	0	20.10	-5.00	15.10	<=33.01	Pass	
			38	19.91	-5.00	14.91	<=33.01	Pass	
			74	20.02	-5.00	15.02	<=33.01	Pass	
		36	0	19.14	-5.00	14.14	<=33.01	Pass	
			18	19.09	-5.00	14.09	<=33.01	Pass	
			39	19.14	-5.00	14.14	<=33.01	Pass	
		75	0	19.11	-5.00	14.11	<=33.01	Pass	
	2612.5	1	0	20.13	-5.00	15.13	<=33.01	Pass	
			38	19.71	-5.00	14.71	<=33.01	Pass	
			74	19.63	-5.00	14.63	<=33.01	Pass	
		36	0	19.09	-5.00	14.09	<=33.01	Pass	
			18	18.91	-5.00	13.91	<=33.01	Pass	
			39	18.69	-5.00	13.69	<=33.01	Pass	
		75	0	18.89	-5.00	13.89	<=33.01	Pass	
	64QAM	2577.5	1	0	20.17	-5.00	15.17	<=33.01	Pass
				38	20.44	-5.00	15.44	<=33.01	Pass
				74	20.44	-5.00	15.44	<=33.01	Pass
36			0	19.42	-5.00	14.42	<=33.01	Pass	
			18	19.64	-5.00	14.64	<=33.01	Pass	
			39	19.45	-5.00	14.45	<=33.01	Pass	
75			0	19.46	-5.00	14.46	<=33.01	Pass	
2595		1	0	20.40	-5.00	15.40	<=33.01	Pass	
			38	19.93	-5.00	14.93	<=33.01	Pass	
			74	20.13	-5.00	15.13	<=33.01	Pass	
		36	0	19.19	-5.00	14.19	<=33.01	Pass	
			18	19.09	-5.00	14.09	<=33.01	Pass	
			39	19.10	-5.00	14.10	<=33.01	Pass	
		75	0	19.09	-5.00	14.09	<=33.01	Pass	
2612.5		1	0	19.86	-5.00	14.86	<=33.01	Pass	
			38	19.62	-5.00	14.62	<=33.01	Pass	
			74	19.55	-5.00	14.55	<=33.01	Pass	
		36	0	19.06	-5.00	14.06	<=33.01	Pass	
			18	18.85	-5.00	13.85	<=33.01	Pass	
	39		18.57	-5.00	13.57	<=33.01	Pass		
75	0	18.86	-5.00	13.86	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									



Test Report No.: RF260330B003

20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	21.13	-5.00	16.13	<=33.01	Pass
			50	21.56	-5.00	16.56	<=33.01	Pass
			99	21.07	-5.00	16.07	<=33.01	Pass
		50	0	20.48	-5.00	15.48	<=33.01	Pass
			25	20.41	-5.00	15.41	<=33.01	Pass
			50	20.45	-5.00	15.45	<=33.01	Pass
		100	0	20.46	-5.00	15.46	<=33.01	Pass
	2595	1	0	21.40	-5.00	16.40	<=33.01	Pass
			50	20.93	-5.00	15.93	<=33.01	Pass
			99	21.11	-5.00	16.11	<=33.01	Pass
		50	0	20.23	-5.00	15.23	<=33.01	Pass
			25	20.10	-5.00	15.10	<=33.01	Pass
			50	20.09	-5.00	15.09	<=33.01	Pass
		100	0	20.12	-5.00	15.12	<=33.01	Pass
	2610	1	0	21.22	-5.00	16.22	<=33.01	Pass
			50	20.75	-5.00	15.75	<=33.01	Pass
			99	20.65	-5.00	15.65	<=33.01	Pass
		50	0	20.27	-5.00	15.27	<=33.01	Pass
			25	19.90	-5.00	14.90	<=33.01	Pass
			50	19.47	-5.00	14.47	<=33.01	Pass
		100	0	19.98	-5.00	14.98	<=33.01	Pass
16QAM	2580	1	0	19.89	-5.00	14.89	<=33.01	Pass
			50	20.43	-5.00	15.43	<=33.01	Pass
			99	19.96	-5.00	14.96	<=33.01	Pass
		50	0	19.48	-5.00	14.48	<=33.01	Pass
			25	19.58	-5.00	14.58	<=33.01	Pass
			50	19.41	-5.00	14.41	<=33.01	Pass
		100	0	19.50	-5.00	14.50	<=33.01	Pass
	2595	1	0	20.64	-5.00	15.64	<=33.01	Pass
			50	20.19	-5.00	15.19	<=33.01	Pass
			99	20.19	-5.00	15.19	<=33.01	Pass
		50	0	19.23	-5.00	14.23	<=33.01	Pass
			25	19.13	-5.00	14.13	<=33.01	Pass
			50	19.08	-5.00	14.08	<=33.01	Pass
		100	0	19.17	-5.00	14.17	<=33.01	Pass
	2610	1	0	20.03	-5.00	15.03	<=33.01	Pass
			50	19.91	-5.00	14.91	<=33.01	Pass
			99	19.64	-5.00	14.64	<=33.01	Pass
		50	0	19.23	-5.00	14.23	<=33.01	Pass
			25	19.06	-5.00	14.06	<=33.01	Pass
			50	18.74	-5.00	13.74	<=33.01	Pass
		100	0	19.10	-5.00	14.10	<=33.01	Pass
64QAM	2580	1	0	20.01	-5.00	15.01	<=33.01	Pass
			50	20.31	-5.00	15.31	<=33.01	Pass
			99	19.96	-5.00	14.96	<=33.01	Pass
		50	0	19.49	-5.00	14.49	<=33.01	Pass
			25	19.30	-5.00	14.30	<=33.01	Pass
			50	19.40	-5.00	14.40	<=33.01	Pass



Test Report No.: RF260330B003

	2595	100	0	19.46	-5.00	14.46	<=33.01	Pass
		1	0	20.28	-5.00	15.28	<=33.01	Pass
			50	20.05	-5.00	15.05	<=33.01	Pass
			99	19.91	-5.00	14.91	<=33.01	Pass
		50	0	19.21	-5.00	14.21	<=33.01	Pass
			25	19.13	-5.00	14.13	<=33.01	Pass
			50	19.10	-5.00	14.10	<=33.01	Pass
		100	0	19.16	-5.00	14.16	<=33.01	Pass
	2610	1	0	20.11	-5.00	15.11	<=33.01	Pass
			50	19.59	-5.00	14.59	<=33.01	Pass
			99	19.55	-5.00	14.55	<=33.01	Pass
		50	0	19.24	-5.00	14.24	<=33.01	Pass
			25	19.03	-5.00	14.03	<=33.01	Pass
			50	18.64	-5.00	13.64	<=33.01	Pass
		100	0	19.01	-5.00	14.01	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							



Test Report No.: RF260330B003

LTE Band41

5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	22.08	-5.00	17.08	<=33.01	Pass
			13	22.02	-5.00	17.02	<=33.01	Pass
			24	21.91	-5.00	16.91	<=33.01	Pass
		12	0	21.12	-5.00	16.12	<=33.01	Pass
			6	21.12	-5.00	16.12	<=33.01	Pass
			13	21.06	-5.00	16.06	<=33.01	Pass
		25	0	21.05	-5.00	16.05	<=33.01	Pass
	2593	1	0	21.10	-5.00	16.10	<=33.01	Pass
			13	21.07	-5.00	16.07	<=33.01	Pass
			24	21.06	-5.00	16.06	<=33.01	Pass
		12	0	20.04	-5.00	15.04	<=33.01	Pass
			6	20.03	-5.00	15.03	<=33.01	Pass
			13	20.05	-5.00	15.05	<=33.01	Pass
		25	0	19.94	-5.00	14.94	<=33.01	Pass
	2687.5	1	0	20.59	-5.00	15.59	<=33.01	Pass
			13	20.64	-5.00	15.64	<=33.01	Pass
			24	20.65	-5.00	15.65	<=33.01	Pass
		12	0	19.59	-5.00	14.59	<=33.01	Pass
			6	19.69	-5.00	14.69	<=33.01	Pass
			13	19.64	-5.00	14.64	<=33.01	Pass
		25	0	19.72	-5.00	14.72	<=33.01	Pass
16QAM	2498.5	1	0	21.16	-5.00	16.16	<=33.01	Pass
			13	21.05	-5.00	16.05	<=33.01	Pass
			24	20.99	-5.00	15.99	<=33.01	Pass
		12	0	20.13	-5.00	15.13	<=33.01	Pass
			6	20.14	-5.00	15.14	<=33.01	Pass
			13	20.11	-5.00	15.11	<=33.01	Pass
		25	0	20.11	-5.00	15.11	<=33.01	Pass
	2593	1	0	20.04	-5.00	15.04	<=33.01	Pass
			13	20.03	-5.00	15.03	<=33.01	Pass
			24	19.92	-5.00	14.92	<=33.01	Pass
		12	0	18.93	-5.00	13.93	<=33.01	Pass
			6	19.00	-5.00	14.00	<=33.01	Pass
			13	19.09	-5.00	14.09	<=33.01	Pass
		25	0	19.00	-5.00	14.00	<=33.01	Pass
	2687.5	1	0	19.45	-5.00	14.45	<=33.01	Pass
			13	19.75	-5.00	14.75	<=33.01	Pass
			24	19.61	-5.00	14.61	<=33.01	Pass
		12	0	18.67	-5.00	13.67	<=33.01	Pass
			6	18.62	-5.00	13.62	<=33.01	Pass
			13	18.79	-5.00	13.79	<=33.01	Pass
		25	0	18.72	-5.00	13.72	<=33.01	Pass
64QAM	2498.5	1	0	21.10	-5.00	16.10	<=33.01	Pass
			13	20.94	-5.00	15.94	<=33.01	Pass
			24	20.72	-5.00	15.72	<=33.01	Pass
		12	0	20.17	-5.00	15.17	<=33.01	Pass
			6	20.16	-5.00	15.16	<=33.01	Pass



Test Report No.: RF260330B003

		25	13	20.04	-5.00	15.04	<=33.01	Pass
			0	20.05	-5.00	15.05	<=33.01	Pass
			25	20.10	-5.00	15.10	<=33.01	Pass
	2593	1	0	20.10	-5.00	15.10	<=33.01	Pass
			13	19.93	-5.00	14.93	<=33.01	Pass
			24	19.91	-5.00	14.91	<=33.01	Pass
		12	0	19.02	-5.00	14.02	<=33.01	Pass
			6	18.98	-5.00	13.98	<=33.01	Pass
			13	18.95	-5.00	13.95	<=33.01	Pass
	2687.5	25	0	18.89	-5.00	13.89	<=33.01	Pass
		1	0	19.39	-5.00	14.39	<=33.01	Pass
			13	19.59	-5.00	14.59	<=33.01	Pass
			24	19.66	-5.00	14.66	<=33.01	Pass
		12	0	18.47	-5.00	13.47	<=33.01	Pass
			6	18.68	-5.00	13.68	<=33.01	Pass
			13	18.63	-5.00	13.63	<=33.01	Pass
		25	0	18.64	-5.00	13.64	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	22.04	-5.00	17.04	<=33.01	Pass
			25	21.93	-5.00	16.93	<=33.01	Pass
			49	21.91	-5.00	16.91	<=33.01	Pass
		25	0	21.08	-5.00	16.08	<=33.01	Pass
			13	21.07	-5.00	16.07	<=33.01	Pass
			25	21.04	-5.00	16.04	<=33.01	Pass
	2593	50	0	21.08	-5.00	16.08	<=33.01	Pass
		1	0	21.13	-5.00	16.13	<=33.01	Pass
			25	20.97	-5.00	15.97	<=33.01	Pass
			49	21.05	-5.00	16.05	<=33.01	Pass
		25	0	20.03	-5.00	15.03	<=33.01	Pass
			13	20.02	-5.00	15.02	<=33.01	Pass
			25	20.04	-5.00	15.04	<=33.01	Pass
		50	0	19.98	-5.00	14.98	<=33.01	Pass
	2685	1	0	20.62	-5.00	15.62	<=33.01	Pass
			25	20.50	-5.00	15.50	<=33.01	Pass
			49	20.53	-5.00	15.53	<=33.01	Pass
		25	0	19.52	-5.00	14.52	<=33.01	Pass
			13	19.69	-5.00	14.69	<=33.01	Pass
			25	19.70	-5.00	14.70	<=33.01	Pass
16QAM	2501	1	0	20.94	-5.00	15.94	<=33.01	Pass
			25	21.13	-5.00	16.13	<=33.01	Pass
			49	20.78	-5.00	15.78	<=33.01	Pass
		25	0	20.11	-5.00	15.11	<=33.01	Pass
			13	20.11	-5.00	15.11	<=33.01	Pass
			25	20.10	-5.00	15.10	<=33.01	Pass
	2593	50	0	20.04	-5.00	15.04	<=33.01	Pass
		1	0	20.11	-5.00	15.11	<=33.01	Pass
			25	20.11	-5.00	15.11	<=33.01	Pass



Test Report No.: RF260330B003

64QAM	2685	25	49	20.14	-5.00	15.14	<=33.01	Pass
			0	19.05	-5.00	14.05	<=33.01	Pass
			13	18.98	-5.00	13.98	<=33.01	Pass
			25	19.06	-5.00	14.06	<=33.01	Pass
		50	0	19.07	-5.00	14.07	<=33.01	Pass
			0	19.77	-5.00	14.77	<=33.01	Pass
	2501	1	25	19.67	-5.00	14.67	<=33.01	Pass
			49	19.61	-5.00	14.61	<=33.01	Pass
			0	18.63	-5.00	13.63	<=33.01	Pass
		25	13	18.62	-5.00	13.62	<=33.01	Pass
			25	18.70	-5.00	13.70	<=33.01	Pass
			0	18.71	-5.00	13.71	<=33.01	Pass
		1	0	20.73	-5.00	15.73	<=33.01	Pass
			25	20.83	-5.00	15.83	<=33.01	Pass
			49	20.93	-5.00	15.93	<=33.01	Pass
		25	0	20.09	-5.00	15.09	<=33.01	Pass
			13	20.04	-5.00	15.04	<=33.01	Pass
			25	20.02	-5.00	15.02	<=33.01	Pass
		50	0	20.08	-5.00	15.08	<=33.01	Pass
	2593	1	0	20.12	-5.00	15.12	<=33.01	Pass
			25	19.80	-5.00	14.80	<=33.01	Pass
			49	19.84	-5.00	14.84	<=33.01	Pass
		25	0	19.12	-5.00	14.12	<=33.01	Pass
			13	19.04	-5.00	14.04	<=33.01	Pass
			25	19.08	-5.00	14.08	<=33.01	Pass
		50	0	19.00	-5.00	14.00	<=33.01	Pass
	2685	1	0	19.60	-5.00	14.60	<=33.01	Pass
			25	19.46	-5.00	14.46	<=33.01	Pass
			49	19.65	-5.00	14.65	<=33.01	Pass
		25	0	18.56	-5.00	13.56	<=33.01	Pass
			13	18.61	-5.00	13.61	<=33.01	Pass
			25	18.71	-5.00	13.71	<=33.01	Pass
		50	0	18.49	-5.00	13.49	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	22.04	-5.00	17.04	<=33.01	Pass
			38	21.92	-5.00	16.92	<=33.01	Pass
			74	21.95	-5.00	16.95	<=33.01	Pass
		36	0	21.00	-5.00	16.00	<=33.01	Pass
			18	21.10	-5.00	16.10	<=33.01	Pass
			39	21.06	-5.00	16.06	<=33.01	Pass
		75	0	21.02	-5.00	16.02	<=33.01	Pass
	2593	1	0	21.28	-5.00	16.28	<=33.01	Pass
			38	20.94	-5.00	15.94	<=33.01	Pass
			74	21.07	-5.00	16.07	<=33.01	Pass
		36	0	20.12	-5.00	15.12	<=33.01	Pass
			18	19.97	-5.00	14.97	<=33.01	Pass
			39	20.02	-5.00	15.02	<=33.01	Pass



Test Report No.: RF260330B003

	2682.5	75	0	19.92	-5.00	14.92	<=33.01	Pass
		1	0	20.75	-5.00	15.75	<=33.01	Pass
			38	20.58	-5.00	15.58	<=33.01	Pass
			74	20.57	-5.00	15.57	<=33.01	Pass
		36	0	19.70	-5.00	14.70	<=33.01	Pass
			18	19.54	-5.00	14.54	<=33.01	Pass
			39	19.58	-5.00	14.58	<=33.01	Pass
		75	0	19.68	-5.00	14.68	<=33.01	Pass
16QAM	2503.5	1	0	21.14	-5.00	16.14	<=33.01	Pass
			38	20.97	-5.00	15.97	<=33.01	Pass
			74	20.97	-5.00	15.97	<=33.01	Pass
		36	0	20.00	-5.00	15.00	<=33.01	Pass
			18	20.06	-5.00	15.06	<=33.01	Pass
			39	19.99	-5.00	14.99	<=33.01	Pass
		75	0	20.04	-5.00	15.04	<=33.01	Pass
	2593	1	0	20.30	-5.00	15.30	<=33.01	Pass
			38	19.95	-5.00	14.95	<=33.01	Pass
			74	20.08	-5.00	15.08	<=33.01	Pass
		36	0	19.17	-5.00	14.17	<=33.01	Pass
			18	19.04	-5.00	14.04	<=33.01	Pass
			39	19.05	-5.00	14.05	<=33.01	Pass
		75	0	19.08	-5.00	14.08	<=33.01	Pass
	2682.5	1	0	19.78	-5.00	14.78	<=33.01	Pass
			38	19.80	-5.00	14.80	<=33.01	Pass
			74	19.55	-5.00	14.55	<=33.01	Pass
		36	0	18.62	-5.00	13.62	<=33.01	Pass
			18	18.54	-5.00	13.54	<=33.01	Pass
			39	18.57	-5.00	13.57	<=33.01	Pass
		75	0	18.74	-5.00	13.74	<=33.01	Pass
64QAM	2503.5	1	0	20.99	-5.00	15.99	<=33.01	Pass
			38	20.95	-5.00	15.95	<=33.01	Pass
			74	20.91	-5.00	15.91	<=33.01	Pass
		36	0	20.02	-5.00	15.02	<=33.01	Pass
			18	20.10	-5.00	15.10	<=33.01	Pass
			39	20.09	-5.00	15.09	<=33.01	Pass
		75	0	20.12	-5.00	15.12	<=33.01	Pass
	2593	1	0	20.14	-5.00	15.14	<=33.01	Pass
			38	19.85	-5.00	14.85	<=33.01	Pass
			74	19.88	-5.00	14.88	<=33.01	Pass
		36	0	19.15	-5.00	14.15	<=33.01	Pass
			18	19.02	-5.00	14.02	<=33.01	Pass
			39	19.09	-5.00	14.09	<=33.01	Pass
	75	0	19.02	-5.00	14.02	<=33.01	Pass	
	2682.5	1	0	19.59	-5.00	14.59	<=33.01	Pass
			38	19.50	-5.00	14.50	<=33.01	Pass
			74	19.54	-5.00	14.54	<=33.01	Pass
36		0	18.59	-5.00	13.59	<=33.01	Pass	
		18	18.61	-5.00	13.61	<=33.01	Pass	
		39	18.59	-5.00	13.59	<=33.01	Pass	
75		0	18.60	-5.00	13.60	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								



Test Report No.: RF260330B003

20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	22.05	-5.00	17.05	<=33.01	Pass
			50	21.93	-5.00	16.93	<=33.01	Pass
			99	21.82	-5.00	16.82	<=33.01	Pass
		50	0	21.02	-5.00	16.02	<=33.01	Pass
			25	21.13	-5.00	16.13	<=33.01	Pass
			50	21.08	-5.00	16.08	<=33.01	Pass
		100	0	21.04	-5.00	16.04	<=33.01	Pass
	2593	1	0	21.47	-5.00	16.47	<=33.01	Pass
			50	20.92	-5.00	15.92	<=33.01	Pass
			99	21.01	-5.00	16.01	<=33.01	Pass
		50	0	20.25	-5.00	15.25	<=33.01	Pass
			25	20.03	-5.00	15.03	<=33.01	Pass
			50	20.06	-5.00	15.06	<=33.01	Pass
		100	0	20.09	-5.00	15.09	<=33.01	Pass
	2680	1	0	20.68	-5.00	15.68	<=33.01	Pass
			50	20.58	-5.00	15.58	<=33.01	Pass
			99	20.50	-5.00	15.50	<=33.01	Pass
		50	0	19.82	-5.00	14.82	<=33.01	Pass
			25	19.70	-5.00	14.70	<=33.01	Pass
			50	19.47	-5.00	14.47	<=33.01	Pass
		100	0	19.58	-5.00	14.58	<=33.01	Pass
16QAM	2506	1	0	21.01	-5.00	16.01	<=33.01	Pass
			50	20.98	-5.00	15.98	<=33.01	Pass
			99	20.71	-5.00	15.71	<=33.01	Pass
		50	0	20.03	-5.00	15.03	<=33.01	Pass
			25	20.16	-5.00	15.16	<=33.01	Pass
			50	19.98	-5.00	14.98	<=33.01	Pass
		100	0	20.00	-5.00	15.00	<=33.01	Pass
	2593	1	0	20.35	-5.00	15.35	<=33.01	Pass
			50	20.11	-5.00	15.11	<=33.01	Pass
			99	20.06	-5.00	15.06	<=33.01	Pass
		50	0	19.20	-5.00	14.20	<=33.01	Pass
			25	19.04	-5.00	14.04	<=33.01	Pass
			50	19.11	-5.00	14.11	<=33.01	Pass
		100	0	19.12	-5.00	14.12	<=33.01	Pass
	2680	1	0	19.73	-5.00	14.73	<=33.01	Pass
			50	19.76	-5.00	14.76	<=33.01	Pass
			99	19.41	-5.00	14.41	<=33.01	Pass
		50	0	18.71	-5.00	13.71	<=33.01	Pass
			25	18.71	-5.00	13.71	<=33.01	Pass
			50	18.57	-5.00	13.57	<=33.01	Pass
		100	0	18.72	-5.00	13.72	<=33.01	Pass
64QAM	2506	1	0	21.00	-5.00	16.00	<=33.01	Pass
			50	20.89	-5.00	15.89	<=33.01	Pass
			99	20.63	-5.00	15.63	<=33.01	Pass
		50	0	20.08	-5.00	15.08	<=33.01	Pass
			25	20.13	-5.00	15.13	<=33.01	Pass
			50	19.92	-5.00	14.92	<=33.01	Pass



Test Report No.: RF260330B003

	2593	100	0	20.06	-5.00	15.06	<=33.01	Pass
		1	0	20.33	-5.00	15.33	<=33.01	Pass
			50	19.91	-5.00	14.91	<=33.01	Pass
			99	19.86	-5.00	14.86	<=33.01	Pass
		50	0	19.23	-5.00	14.23	<=33.01	Pass
			25	19.05	-5.00	14.05	<=33.01	Pass
			50	19.07	-5.00	14.07	<=33.01	Pass
		100	0	19.07	-5.00	14.07	<=33.01	Pass
	2680	1	0	19.85	-5.00	14.85	<=33.01	Pass
			50	19.59	-5.00	14.59	<=33.01	Pass
			99	19.45	-5.00	14.45	<=33.01	Pass
		50	0	18.89	-5.00	13.89	<=33.01	Pass
			25	18.62	-5.00	13.62	<=33.01	Pass
			50	18.57	-5.00	13.57	<=33.01	Pass
		100	0	18.64	-5.00	13.64	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							



Test Report No.: RF260330B003

LTE Band66

1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.23	-4.40	18.83	<=30	Pass
			2	23.24	-4.40	18.84	<=30	Pass
			5	23.43	-4.40	19.03	<=30	Pass
		3	0	23.59	-4.40	19.19	<=30	Pass
			2	23.31	-4.40	18.91	<=30	Pass
			3	23.31	-4.40	18.91	<=30	Pass
		6	0	22.40	-4.40	18.00	<=30	Pass
	1745	1	0	23.50	-4.40	19.10	<=30	Pass
			2	23.50	-4.40	19.10	<=30	Pass
			5	23.36	-4.40	18.96	<=30	Pass
		3	0	23.26	-4.40	18.86	<=30	Pass
			2	23.43	-4.40	19.03	<=30	Pass
			3	23.55	-4.40	19.15	<=30	Pass
		6	0	22.39	-4.40	17.99	<=30	Pass
	1779.3	1	0	23.48	-4.40	19.08	<=30	Pass
			2	23.45	-4.40	19.05	<=30	Pass
			5	23.46	-4.40	19.06	<=30	Pass
		3	0	23.70	-4.40	19.30	<=30	Pass
			2	23.40	-4.40	19.00	<=30	Pass
			3	23.51	-4.40	19.11	<=30	Pass
		6	0	22.52	-4.40	18.12	<=30	Pass
16QAM	1710.7	1	0	22.55	-4.40	18.15	<=30	Pass
			2	22.50	-4.40	18.10	<=30	Pass
			5	22.89	-4.40	18.49	<=30	Pass
		3	0	22.36	-4.40	17.96	<=30	Pass
			2	22.40	-4.40	18.00	<=30	Pass
			3	22.78	-4.40	18.38	<=30	Pass
		6	0	21.45	-4.40	17.05	<=30	Pass
	1745	1	0	22.76	-4.40	18.36	<=30	Pass
			2	23.08	-4.40	18.68	<=30	Pass
			5	22.84	-4.40	18.44	<=30	Pass
		3	0	22.62	-4.40	18.22	<=30	Pass
			2	22.77	-4.40	18.37	<=30	Pass
			3	23.07	-4.40	18.67	<=30	Pass
		6	0	21.65	-4.40	17.25	<=30	Pass
	1779.3	1	0	23.16	-4.40	18.76	<=30	Pass
			2	23.21	-4.40	18.81	<=30	Pass
			5	22.83	-4.40	18.43	<=30	Pass
		3	0	22.81	-4.40	18.41	<=30	Pass
			2	22.82	-4.40	18.42	<=30	Pass
			3	22.85	-4.40	18.45	<=30	Pass
		6	0	21.72	-4.40	17.32	<=30	Pass
64QAM	1710.7	1	0	22.43	-4.40	18.03	<=30	Pass
			2	22.43	-4.40	18.03	<=30	Pass
			5	22.58	-4.40	18.18	<=30	Pass
		3	0	22.38	-4.40	17.98	<=30	Pass
			2	22.44	-4.40	18.04	<=30	Pass



Test Report No.: RF260330B003

			3	22.22	-4.40	17.82	<=30	Pass
		6	0	21.47	-4.40	17.07	<=30	Pass
	1745	1	0	22.80	-4.40	18.40	<=30	Pass
			2	22.81	-4.40	18.41	<=30	Pass
			5	22.88	-4.40	18.48	<=30	Pass
		3	0	22.42	-4.40	18.02	<=30	Pass
			2	22.71	-4.40	18.31	<=30	Pass
			3	22.54	-4.40	18.14	<=30	Pass
		6	0	21.62	-4.40	17.22	<=30	Pass
	1779.3	1	0	22.41	-4.40	18.01	<=30	Pass
			2	22.74	-4.40	18.34	<=30	Pass
			5	22.58	-4.40	18.18	<=30	Pass
		3	0	22.48	-4.40	18.08	<=30	Pass
			2	22.63	-4.40	18.23	<=30	Pass
			3	22.17	-4.40	17.77	<=30	Pass
		6	0	21.44	-4.40	17.04	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.43	-4.40	19.03	<=30	Pass
			7	23.50	-4.40	19.10	<=30	Pass
			14	23.71	-4.40	19.31	<=30	Pass
		8	0	22.41	-4.40	18.01	<=30	Pass
			4	22.57	-4.40	18.17	<=30	Pass
			7	22.49	-4.40	18.09	<=30	Pass
		15	0	22.49	-4.40	18.09	<=30	Pass
	1745	1	0	23.50	-4.40	19.10	<=30	Pass
			7	23.60	-4.40	19.20	<=30	Pass
			14	23.49	-4.40	19.09	<=30	Pass
		8	0	22.59	-4.40	18.19	<=30	Pass
			4	22.74	-4.40	18.34	<=30	Pass
			7	22.67	-4.40	18.27	<=30	Pass
		15	0	22.67	-4.40	18.27	<=30	Pass
	1778.5	1	0	23.67	-4.40	19.27	<=30	Pass
			7	23.52	-4.40	19.12	<=30	Pass
			14	23.63	-4.40	19.23	<=30	Pass
		8	0	22.27	-4.40	17.87	<=30	Pass
			4	22.64	-4.40	18.24	<=30	Pass
			7	22.77	-4.40	18.37	<=30	Pass
		15	0	22.71	-4.40	18.31	<=30	Pass
16QAM	1711.5	1	0	22.60	-4.40	18.20	<=30	Pass
			7	22.83	-4.40	18.43	<=30	Pass
			14	22.66	-4.40	18.26	<=30	Pass
		8	0	21.49	-4.40	17.09	<=30	Pass
			4	21.65	-4.40	17.25	<=30	Pass
			7	21.52	-4.40	17.12	<=30	Pass
		15	0	21.59	-4.40	17.19	<=30	Pass
	1745	1	0	22.70	-4.40	18.30	<=30	Pass
			7	23.08	-4.40	18.68	<=30	Pass



Test Report No.: RF260330B003

64QAM	1778.5	8	14	22.38	-4.40	17.98	<=30	Pass
			0	21.84	-4.40	17.44	<=30	Pass
			4	21.70	-4.40	17.30	<=30	Pass
			7	21.75	-4.40	17.35	<=30	Pass
		15	0	21.68	-4.40	17.28	<=30	Pass
			0	22.45	-4.40	18.05	<=30	Pass
	1778.5	1	7	22.79	-4.40	18.39	<=30	Pass
			14	22.75	-4.40	18.35	<=30	Pass
			0	21.61	-4.40	17.21	<=30	Pass
		8	4	21.75	-4.40	17.35	<=30	Pass
			7	21.76	-4.40	17.36	<=30	Pass
			0	21.72	-4.40	17.32	<=30	Pass
	1711.5	1	0	22.22	-4.40	17.82	<=30	Pass
			7	22.16	-4.40	17.76	<=30	Pass
			14	22.56	-4.40	18.16	<=30	Pass
		8	0	21.44	-4.40	17.04	<=30	Pass
			4	21.60	-4.40	17.20	<=30	Pass
			7	21.48	-4.40	17.08	<=30	Pass
		15	0	21.55	-4.40	17.15	<=30	Pass
	1745	1	0	22.42	-4.40	18.02	<=30	Pass
			7	22.60	-4.40	18.20	<=30	Pass
			14	22.67	-4.40	18.27	<=30	Pass
		8	0	21.57	-4.40	17.17	<=30	Pass
			4	21.71	-4.40	17.31	<=30	Pass
			7	21.71	-4.40	17.31	<=30	Pass
		15	0	21.60	-4.40	17.20	<=30	Pass
	1778.5	1	0	22.58	-4.40	18.18	<=30	Pass
			7	22.75	-4.40	18.35	<=30	Pass
			14	22.72	-4.40	18.32	<=30	Pass
		8	0	21.71	-4.40	17.31	<=30	Pass
			4	21.78	-4.40	17.38	<=30	Pass
			7	21.78	-4.40	17.38	<=30	Pass
		15	0	21.75	-4.40	17.35	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.49	-4.40	19.09	<=30	Pass
			13	23.48	-4.40	19.08	<=30	Pass
			24	23.41	-4.40	19.01	<=30	Pass
		12	0	22.53	-4.40	18.13	<=30	Pass
			6	22.58	-4.40	18.18	<=30	Pass
			13	22.43	-4.40	18.03	<=30	Pass
	1745	25	0	22.45	-4.40	18.05	<=30	Pass
		1	0	23.53	-4.40	19.13	<=30	Pass
			13	23.62	-4.40	19.22	<=30	Pass
			24	23.88	-4.40	19.48	<=30	Pass
		12	0	22.53	-4.40	18.13	<=30	Pass
			6	22.66	-4.40	18.26	<=30	Pass
			13	22.82	-4.40	18.42	<=30	Pass



Test Report No.: RF260330B003

		25	0	22.67	-4.40	18.27	<=30	Pass	
		1777.5	1	0	23.62	-4.40	19.22	<=30	Pass
				13	23.66	-4.40	19.26	<=30	Pass
				24	23.83	-4.40	19.43	<=30	Pass
			12	0	22.74	-4.40	18.34	<=30	Pass
				6	22.78	-4.40	18.38	<=30	Pass
				13	22.72	-4.40	18.32	<=30	Pass
		25	0	22.78	-4.40	18.38	<=30	Pass	
16QAM	1712.5	1	0	22.78	-4.40	18.38	<=30	Pass	
			13	22.88	-4.40	18.48	<=30	Pass	
			24	22.76	-4.40	18.36	<=30	Pass	
		12	0	21.53	-4.40	17.13	<=30	Pass	
			6	21.65	-4.40	17.25	<=30	Pass	
			13	21.50	-4.40	17.10	<=30	Pass	
		25	0	21.41	-4.40	17.01	<=30	Pass	
	1745	1	0	22.85	-4.40	18.45	<=30	Pass	
			13	23.33	-4.40	18.93	<=30	Pass	
			24	22.95	-4.40	18.55	<=30	Pass	
		12	0	21.72	-4.40	17.32	<=30	Pass	
			6	21.72	-4.40	17.32	<=30	Pass	
			13	21.77	-4.40	17.37	<=30	Pass	
		25	0	21.64	-4.40	17.24	<=30	Pass	
	1777.5	1	0	23.04	-4.40	18.64	<=30	Pass	
			13	22.96	-4.40	18.56	<=30	Pass	
			24	23.04	-4.40	18.64	<=30	Pass	
		12	0	21.78	-4.40	17.38	<=30	Pass	
			6	21.86	-4.40	17.46	<=30	Pass	
			13	21.78	-4.40	17.38	<=30	Pass	
		25	0	21.77	-4.40	17.37	<=30	Pass	
64QAM	1712.5	1	0	22.66	-4.40	18.26	<=30	Pass	
			13	22.51	-4.40	18.11	<=30	Pass	
			24	22.69	-4.40	18.29	<=30	Pass	
		12	0	21.46	-4.40	17.06	<=30	Pass	
			6	21.61	-4.40	17.21	<=30	Pass	
			13	21.60	-4.40	17.20	<=30	Pass	
		25	0	21.48	-4.40	17.08	<=30	Pass	
	1745	1	0	22.55	-4.40	18.15	<=30	Pass	
			13	22.26	-4.40	17.86	<=30	Pass	
			24	22.30	-4.40	17.90	<=30	Pass	
		12	0	21.60	-4.40	17.20	<=30	Pass	
			6	21.58	-4.40	17.18	<=30	Pass	
			13	21.80	-4.40	17.40	<=30	Pass	
	25	0	21.60	-4.40	17.20	<=30	Pass		
	1777.5	1	0	22.76	-4.40	18.36	<=30	Pass	
			13	22.82	-4.40	18.42	<=30	Pass	
			24	22.73	-4.40	18.33	<=30	Pass	
12		0	21.62	-4.40	17.22	<=30	Pass		
		6	21.91	-4.40	17.51	<=30	Pass		
		13	21.71	-4.40	17.31	<=30	Pass		
25		0	21.69	-4.40	17.29	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									



Test Report No.: RF260330B003

10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.37	-4.40	18.97	<=30	Pass
			25	23.74	-4.40	19.34	<=30	Pass
			49	23.60	-4.40	19.20	<=30	Pass
		25	0	22.56	-4.40	18.16	<=30	Pass
			13	22.53	-4.40	18.13	<=30	Pass
			25	22.37	-4.40	17.97	<=30	Pass
		50	0	22.63	-4.40	18.23	<=30	Pass
	1745	1	0	23.48	-4.40	19.08	<=30	Pass
			25	24.10	-4.40	19.70	<=30	Pass
			49	23.53	-4.40	19.13	<=30	Pass
		25	0	22.71	-4.40	18.31	<=30	Pass
			13	22.65	-4.40	18.25	<=30	Pass
			25	22.68	-4.40	18.28	<=30	Pass
		50	0	22.76	-4.40	18.36	<=30	Pass
	1775	1	0	23.46	-4.40	19.06	<=30	Pass
			25	24.00	-4.40	19.60	<=30	Pass
			49	23.44	-4.40	19.04	<=30	Pass
		25	0	22.74	-4.40	18.34	<=30	Pass
			13	22.66	-4.40	18.26	<=30	Pass
			25	22.78	-4.40	18.38	<=30	Pass
		50	0	22.67	-4.40	18.27	<=30	Pass
16QAM	1715	1	0	22.49	-4.40	18.09	<=30	Pass
			25	22.06	-4.40	17.66	<=30	Pass
			49	22.64	-4.40	18.24	<=30	Pass
		25	0	21.54	-4.40	17.14	<=30	Pass
			13	21.60	-4.40	17.20	<=30	Pass
			25	21.54	-4.40	17.14	<=30	Pass
		50	0	21.46	-4.40	17.06	<=30	Pass
	1745	1	0	22.81	-4.40	18.41	<=30	Pass
			25	22.73	-4.40	18.33	<=30	Pass
			49	22.90	-4.40	18.50	<=30	Pass
		25	0	21.75	-4.40	17.35	<=30	Pass
			13	21.77	-4.40	17.37	<=30	Pass
			25	21.72	-4.40	17.32	<=30	Pass
		50	0	21.73	-4.40	17.33	<=30	Pass
	1775	1	0	22.70	-4.40	18.30	<=30	Pass
			25	22.82	-4.40	18.42	<=30	Pass
			49	22.80	-4.40	18.40	<=30	Pass
		25	0	21.78	-4.40	17.38	<=30	Pass
			13	21.80	-4.40	17.40	<=30	Pass
			25	21.58	-4.40	17.18	<=30	Pass
		50	0	21.75	-4.40	17.35	<=30	Pass
64QAM	1715	1	0	22.40	-4.40	18.00	<=30	Pass
			25	22.34	-4.40	17.94	<=30	Pass
			49	22.80	-4.40	18.40	<=30	Pass
		25	0	21.48	-4.40	17.08	<=30	Pass
			13	21.61	-4.40	17.21	<=30	Pass
			25	21.57	-4.40	17.17	<=30	Pass



Test Report No.: RF260330B003

	1745	50	0	21.46	-4.40	17.06	<=30	Pass
		1	0	22.62	-4.40	18.22	<=30	Pass
			25	22.63	-4.40	18.23	<=30	Pass
			49	22.77	-4.40	18.37	<=30	Pass
		25	0	21.74	-4.40	17.34	<=30	Pass
			13	21.72	-4.40	17.32	<=30	Pass
			25	21.73	-4.40	17.33	<=30	Pass
		50	0	21.65	-4.40	17.25	<=30	Pass
	1775	1	0	22.40	-4.40	18.00	<=30	Pass
			25	22.75	-4.40	18.35	<=30	Pass
			49	22.61	-4.40	18.21	<=30	Pass
		25	0	21.77	-4.40	17.37	<=30	Pass
			13	21.72	-4.40	17.32	<=30	Pass
			25	21.72	-4.40	17.32	<=30	Pass
		50	0	21.70	-4.40	17.30	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.44	-4.40	19.04	<=30	Pass
			38	24.08	-4.40	19.68	<=30	Pass
			74	23.86	-4.40	19.46	<=30	Pass
		36	0	22.51	-4.40	18.11	<=30	Pass
			18	22.43	-4.40	18.03	<=30	Pass
			39	22.49	-4.40	18.09	<=30	Pass
		75	0	22.46	-4.40	18.06	<=30	Pass
	1745	1	0	23.87	-4.40	19.47	<=30	Pass
			38	24.19	-4.40	19.79	<=30	Pass
			74	23.74	-4.40	19.34	<=30	Pass
		36	0	22.58	-4.40	18.18	<=30	Pass
			18	22.73	-4.40	18.33	<=30	Pass
			39	22.74	-4.40	18.34	<=30	Pass
		75	0	22.64	-4.40	18.24	<=30	Pass
	1772.5	1	0	23.86	-4.40	19.46	<=30	Pass
			38	23.54	-4.40	19.14	<=30	Pass
			74	23.94	-4.40	19.54	<=30	Pass
		36	0	22.59	-4.40	18.19	<=30	Pass
			18	22.70	-4.40	18.30	<=30	Pass
			39	22.72	-4.40	18.32	<=30	Pass
		75	0	22.60	-4.40	18.20	<=30	Pass
16QAM	1717.5	1	0	22.26	-4.40	17.86	<=30	Pass
			38	22.62	-4.40	18.22	<=30	Pass
			74	22.74	-4.40	18.34	<=30	Pass
		36	0	21.34	-4.40	16.94	<=30	Pass
			18	21.49	-4.40	17.09	<=30	Pass
			39	21.51	-4.40	17.11	<=30	Pass
		75	0	21.49	-4.40	17.09	<=30	Pass
	1745	1	0	22.86	-4.40	18.46	<=30	Pass
			38	22.81	-4.40	18.41	<=30	Pass
			74	22.80	-4.40	18.40	<=30	Pass



Test Report No.: RF260330B003

		36	0	21.58	-4.40	17.18	<=30	Pass
			18	21.71	-4.40	17.31	<=30	Pass
			39	21.72	-4.40	17.32	<=30	Pass
		75	0	21.87	-4.40	17.47	<=30	Pass
	1772.5	1	0	23.16	-4.40	18.76	<=30	Pass
			38	22.87	-4.40	18.47	<=30	Pass
			74	22.68	-4.40	18.28	<=30	Pass
		36	0	21.64	-4.40	17.24	<=30	Pass
			18	21.64	-4.40	17.24	<=30	Pass
			39	21.74	-4.40	17.34	<=30	Pass
		75	0	21.66	-4.40	17.26	<=30	Pass
		64QAM	1717.5	1	0	22.74	-4.40	18.34
38	22.56				-4.40	18.16	<=30	Pass
74	22.54				-4.40	18.14	<=30	Pass
36	0			21.46	-4.40	17.06	<=30	Pass
	18			21.49	-4.40	17.09	<=30	Pass
	39			21.50	-4.40	17.10	<=30	Pass
75	0		21.39	-4.40	16.99	<=30	Pass	
1745	1		0	22.49	-4.40	18.09	<=30	Pass
			38	22.72	-4.40	18.32	<=30	Pass
			74	22.39	-4.40	17.99	<=30	Pass
	36		0	21.69	-4.40	17.29	<=30	Pass
			18	21.69	-4.40	17.29	<=30	Pass
			39	21.60	-4.40	17.20	<=30	Pass
75	0		21.71	-4.40	17.31	<=30	Pass	
1772.5	1		0	22.38	-4.40	17.98	<=30	Pass
			38	22.66	-4.40	18.26	<=30	Pass
			74	22.57	-4.40	18.17	<=30	Pass
	36		0	21.66	-4.40	17.26	<=30	Pass
		18	21.68	-4.40	17.28	<=30	Pass	
		39	21.70	-4.40	17.30	<=30	Pass	
75	0	21.43	-4.40	17.03	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.39	-4.40	18.99	<=30	Pass
			50	23.40	-4.40	19.00	<=30	Pass
			99	23.73	-4.40	19.33	<=30	Pass
		50	0	22.50	-4.40	18.10	<=30	Pass
			25	22.61	-4.40	18.21	<=30	Pass
			50	22.58	-4.40	18.18	<=30	Pass
		100	0	22.57	-4.40	18.17	<=30	Pass
	1745	1	0	23.67	-4.40	19.27	<=30	Pass
			50	23.48	-4.40	19.08	<=30	Pass
			99	23.32	-4.40	18.92	<=30	Pass
		50	0	22.62	-4.40	18.22	<=30	Pass
			25	22.68	-4.40	18.28	<=30	Pass
			50	22.71	-4.40	18.31	<=30	Pass
		100	0	22.72	-4.40	18.32	<=30	Pass



Test Report No.: RF260330B003

	1770	1	0	23.54	-4.40	19.14	<=30	Pass
			50	24.03	-4.40	19.63	<=30	Pass
			99	23.97	-4.40	19.57	<=30	Pass
		50	0	22.61	-4.40	18.21	<=30	Pass
			25	22.68	-4.40	18.28	<=30	Pass
			50	22.71	-4.40	18.31	<=30	Pass
		100	0	22.67	-4.40	18.27	<=30	Pass
16QAM	1720	1	0	22.36	-4.40	17.96	<=30	Pass
			50	22.51	-4.40	18.11	<=30	Pass
			99	22.92	-4.40	18.52	<=30	Pass
		50	0	21.57	-4.40	17.17	<=30	Pass
			25	21.59	-4.40	17.19	<=30	Pass
			50	21.60	-4.40	17.20	<=30	Pass
		100	0	21.62	-4.40	17.22	<=30	Pass
	1745	1	0	22.79	-4.40	18.39	<=30	Pass
			50	22.97	-4.40	18.57	<=30	Pass
			99	22.76	-4.40	18.36	<=30	Pass
		50	0	21.74	-4.40	17.34	<=30	Pass
			25	21.72	-4.40	17.32	<=30	Pass
			50	21.75	-4.40	17.35	<=30	Pass
		100	0	21.69	-4.40	17.29	<=30	Pass
	1770	1	0	22.44	-4.40	18.04	<=30	Pass
			50	22.92	-4.40	18.52	<=30	Pass
			99	22.77	-4.40	18.37	<=30	Pass
		50	0	21.58	-4.40	17.18	<=30	Pass
			25	21.67	-4.40	17.27	<=30	Pass
			50	21.73	-4.40	17.33	<=30	Pass
		100	0	21.61	-4.40	17.21	<=30	Pass
64QAM	1720	1	0	22.33	-4.40	17.93	<=30	Pass
			50	22.21	-4.40	17.81	<=30	Pass
			99	22.25	-4.40	17.85	<=30	Pass
		50	0	21.46	-4.40	17.06	<=30	Pass
			25	21.68	-4.40	17.28	<=30	Pass
			50	21.52	-4.40	17.12	<=30	Pass
		100	0	21.49	-4.40	17.09	<=30	Pass
	1745	1	0	22.54	-4.40	18.14	<=30	Pass
			50	22.61	-4.40	18.21	<=30	Pass
			99	22.69	-4.40	18.29	<=30	Pass
		50	0	21.64	-4.40	17.24	<=30	Pass
			25	21.49	-4.40	17.09	<=30	Pass
			50	21.77	-4.40	17.37	<=30	Pass
		100	0	21.78	-4.40	17.38	<=30	Pass
	1770	1	0	22.62	-4.40	18.22	<=30	Pass
			50	22.71	-4.40	18.31	<=30	Pass
			99	22.67	-4.40	18.27	<=30	Pass
		50	0	21.52	-4.40	17.12	<=30	Pass
			25	21.60	-4.40	17.20	<=30	Pass
			50	21.72	-4.40	17.32	<=30	Pass
		100	0	21.62	-4.40	17.22	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

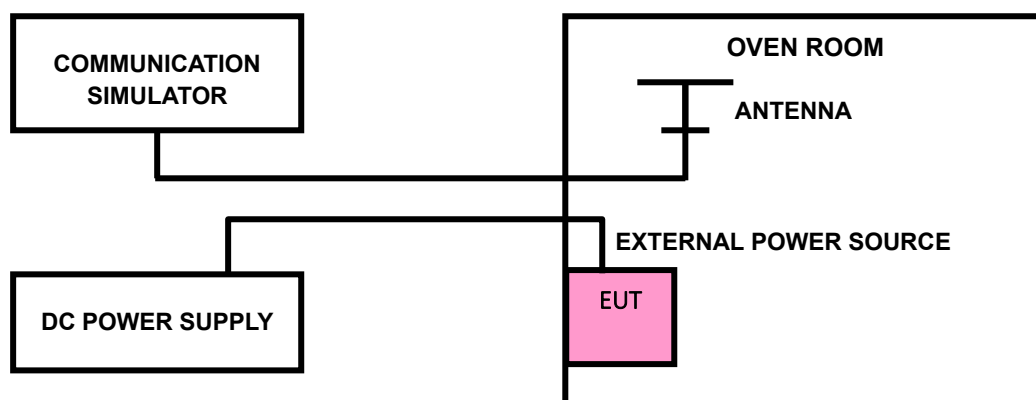
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.2.2 TEST PROCEDURE

- Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency error was recorded frequency error from the communication simulator.

3.2.3 TEST SETUP



3.2.4 TEST RESULTS

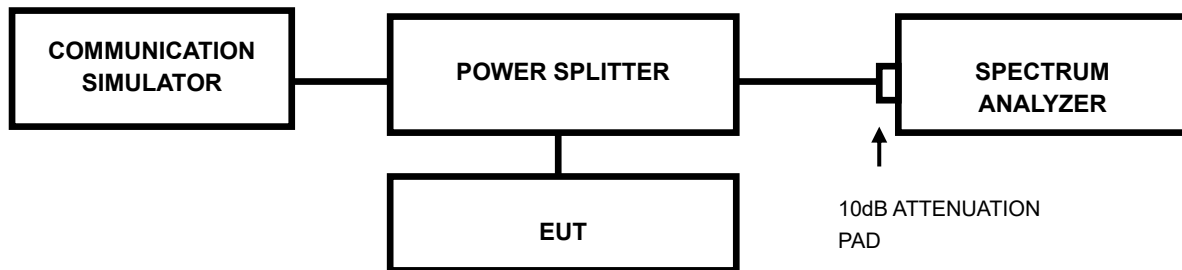
Please Refer to Appendix Of this test report.

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURES

- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

3.3.4 TEST RESULTS

Please Refer to Appendix Of this test report.



Test Report No.: RF260330B003

3.4 BAND EDGE MEASUREMENT

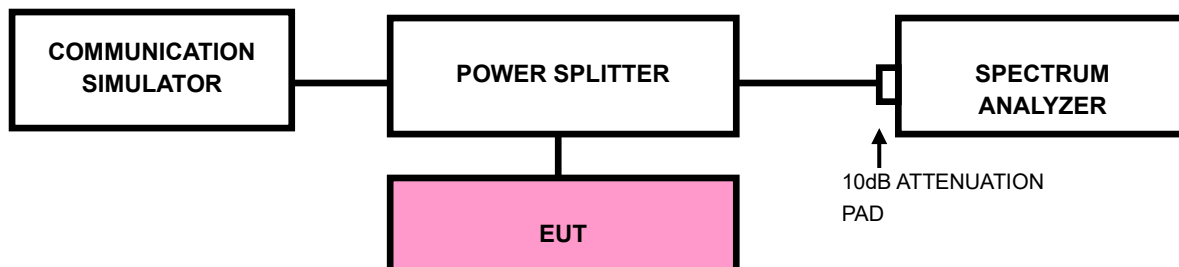
3.4.1 LIMITS OF BAND EDGE MEASUREMENT

According to FCC Part 27.53(h) specified that For operations in the 1710-1755 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

According to FCC Part 27.53(m)(4) specified that For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. For mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed.

According to FCC Part 27.53 (n)(2)For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph is based on the use of measurement instrumentation employing a lresolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

3.4.2 TEST SETUP





Test Report No.: RF260330B003

3.4.3 TEST PROCEDURES

- a) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
- b) Tune the analyzer to the nominal center frequency of the emission bandwidth (EBW).
- c) Set the resolution bandwidth (RBW) $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
- d) Beyond the 1MHz band from the band edge, RBW=1MHz was used.
- e) Set the video bandwidth (VBW) to $\geq 3 \times$ RBW.
- f) Select the average power (RMS) display detector.
- g) Set the number of measurement points to ≥ 1001 .
- h) Use auto-coupled sweep time.
- i) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.
- j) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 100KHz.
- k) Record the max trace plot into the test report.

3.4.4 TEST RESULTS

Please Refer to Appendix Of this test report.

3.5 CONDUCTED SPURIOUS EMISSIONS

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm .

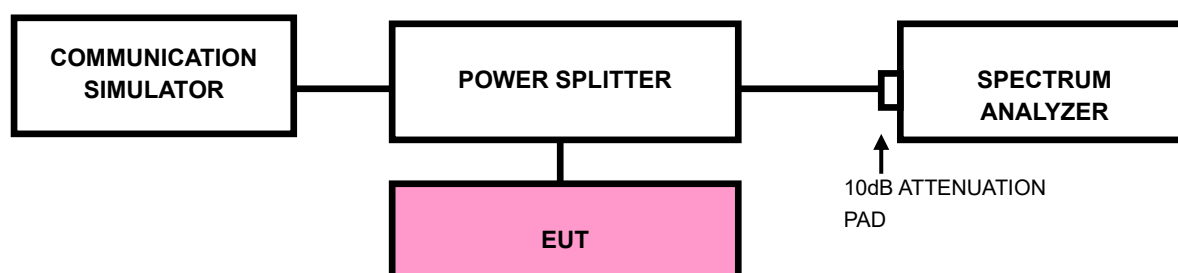
For: Band41

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm .

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 9kHz up to a frequency including its 10th harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

3.5.3 TEST SETUP



3.5.4 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

Please Refer to Appendix Of this test report.

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm .

For: Band41

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm .

3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step a. Record the power level of S.G.
- c. $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $\text{E.R.P power} = \text{E.I.P.R power} - 2.15\text{dBi}$.

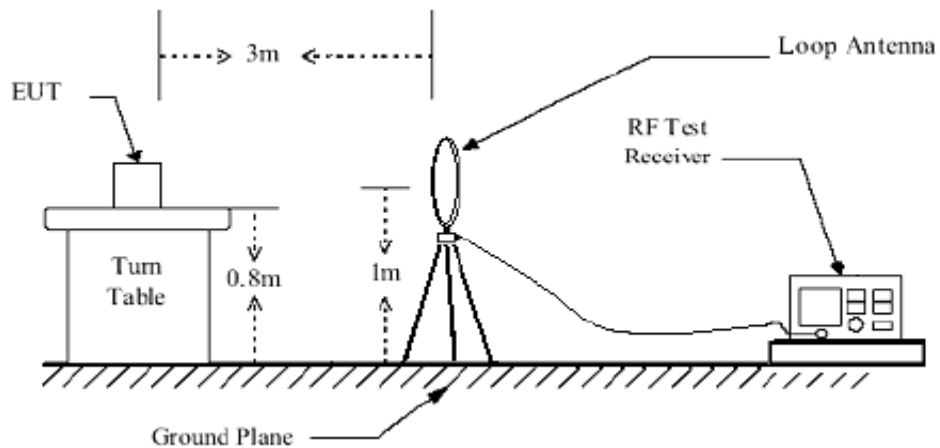
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

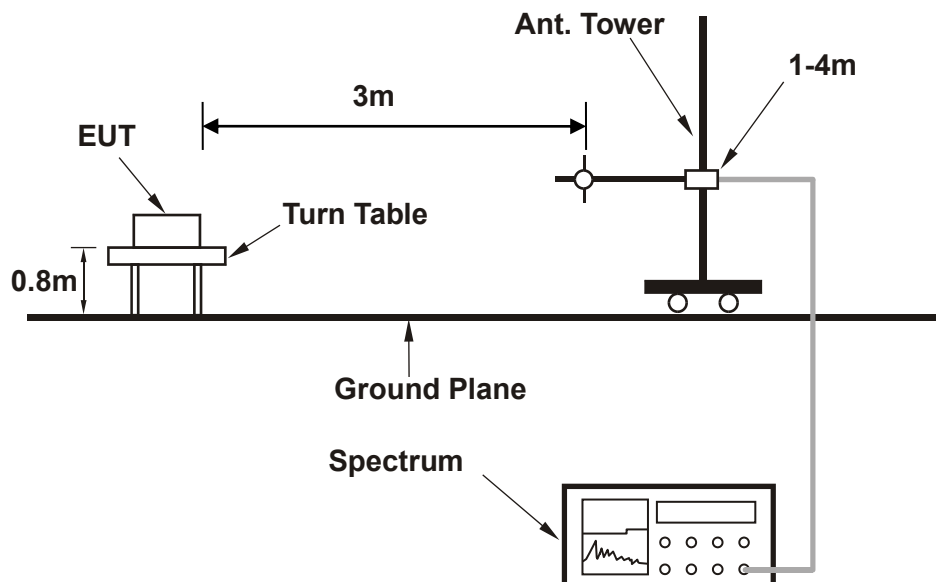
No deviation

3.6.4 TEST SETUP

< Frequency Range below 30MHz >

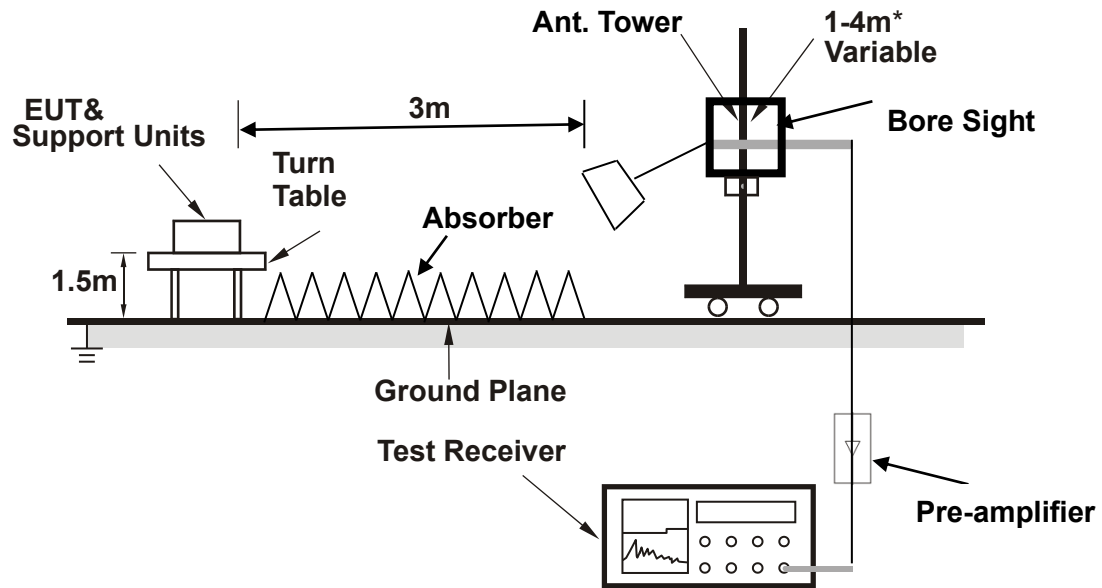


< Frequency Range 30MHz~1GHz >



Test Report No.: RF260330B003

<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).



Test Report No.: RF260330B003

3.6.5 TEST RESULTS

NOTE1 : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

NOTE2 : The measurement range is 30M to the tenth harmonic of the highest fundamental frequency, For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report

WCDMA band IV

Test result:

WCDMA Mode:

ANT1 Channel 1413

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
860.96	-61.05	-13	Vertical
1004.68	-65.11	-13	Vertical
1592.03	-57.94	-13	Vertical
2613.37	-51.11	-13	Vertical
3872.65	-60.62	-13	Vertical
7063.14	-56.29	-13	Vertical
12124.03	-53.75	-13	Vertical

LTE band 4

Test result:

ANT1 Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
817.04	-60.15	-13.00	Vertical
1005.03	-64.74	-13.00	Vertical
1589.91	-58.04	-13.00	Vertical
2613.78	-51.58	-13.00	Vertical
3871.19	-61.51	-13.00	Vertical
7064.98	-56.79	-13.00	Vertical
12125.07	-53.57	-13.00	Vertical



Test Report No.: RF260330B003

LTE band 38

Test result:

ANT1 Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
820.39	-61.45	-25	Vertical
1008.31	-64.52	-25	Vertical
1589.24	-57.73	-25	Vertical
2613.35	-51.36	-25	Vertical
3872.39	-60.93	-25	Vertical
7064.43	-56.75	-25	Vertical
16889.25	-48.45	-25	Vertical

LTE band 41

Test result:

ANT1 Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
827.57	-60.95	-25	Vertical
1007.56	-64.71	-25	Vertical
1590.49	-58.53	-25	Vertical
2611.40	-51.65	-25	Horizontal
3871.39	-61.06	-25	Vertical
7063.63	-56.69	-25	Vertical
12122.71	-53.86	-25	Vertical

LTE band 66

Test result

ANT1 Channel : 132322

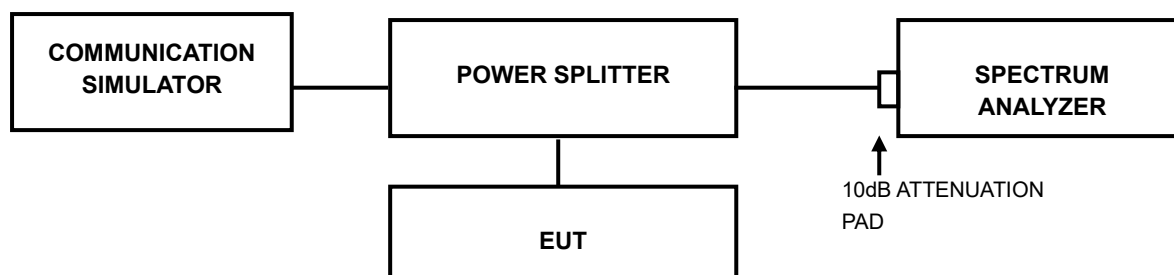
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
827.56	-62.25	-13.00	Vertical
1006.12	-65.08	-13.00	Vertical
1589.82	-58.18	-13.00	Vertical
2610.25	-51.81	-13.00	Vertical
3874.50	-61.18	-13.00	Vertical
7062.34	-56.30	-13.00	Vertical
12124.19	-54.36	-13.00	Vertical

3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



Test Report No.: RF260330B003

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



Test Report No.: RF260330B003

5 INFORMATION ON THE TESTING LABORATORIES

We, BOOMWAVE TEST (SHENZHEN) CO., LTD., were founded in 2025 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

BOOMWAVE TEST (SHENZHEN) CO., LTD.

Lab Address:

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th Road, Chiwan Community, Zhaoshang Street, Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Accredited Test Lab Cert 7607.01

Shenzhen EMC/RF Lab:

Mobile: +86 15118052731

Email: shimin.wang@boomwavelab.com



Test Report No.: RF260330B003

6 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.



Test Report No.: RF260330B003

7 APPENDIX

WCDMA IV

FREQUENCY STABILITY

Test Result

Band: 4							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	1712.4	20	3.4	3.476	0.0020	-2.5 to 2.5	Pass
			4	4.306	0.0025	-2.5 to 2.5	Pass
			4.6	4.163	0.0024	-2.5 to 2.5	Pass
		5	4	4.785	0.0028	-2.5 to 2.5	Pass
		15	4	4.857	0.0028	-2.5 to 2.5	Pass
		25	4	5.057	0.0030	-2.5 to 2.5	Pass
		35	4	4.778	0.0028	-2.5 to 2.5	Pass
	1732.6	20	3.4	-2.854	-0.0016	-2.5 to 2.5	Pass
			4	-3.033	-0.0018	-2.5 to 2.5	Pass
			4.6	-2.961	-0.0017	-2.5 to 2.5	Pass
		5	4	-3.440	-0.0020	-2.5 to 2.5	Pass
		15	4	-2.882	-0.0017	-2.5 to 2.5	Pass
		25	4	-3.462	-0.0020	-2.5 to 2.5	Pass
		35	4	-3.090	-0.0018	-2.5 to 2.5	Pass
	1752.6	20	3.4	-6.444	-0.0037	-2.5 to 2.5	Pass
			4	-6.437	-0.0037	-2.5 to 2.5	Pass
			4.6	-6.087	-0.0035	-2.5 to 2.5	Pass
		5	4	-6.766	-0.0039	-2.5 to 2.5	Pass
		15	4	-6.130	-0.0035	-2.5 to 2.5	Pass
		25	4	-6.037	-0.0034	-2.5 to 2.5	Pass
		35	4	-6.251	-0.0036	-2.5 to 2.5	Pass
HSDPA	1712.4	20	3.4	7.353	0.0043	-2.5 to 2.5	Pass
			4	7.453	0.0044	-2.5 to 2.5	Pass
			4.6	7.482	0.0044	-2.5 to 2.5	Pass
		5	4	7.353	0.0043	-2.5 to 2.5	Pass
		15	4	7.231	0.0042	-2.5 to 2.5	Pass
		25	4	7.739	0.0045	-2.5 to 2.5	Pass
		35	4	7.031	0.0041	-2.5 to 2.5	Pass
	1732.6	20	3.4	-2.568	-0.0015	-2.5 to 2.5	Pass
			4	-2.482	-0.0014	-2.5 to 2.5	Pass
			4.6	-2.539	-0.0015	-2.5 to 2.5	Pass
		5	4	-2.475	-0.0014	-2.5 to 2.5	Pass
		15	4	-2.754	-0.0016	-2.5 to 2.5	Pass
		25	4	-2.489	-0.0014	-2.5 to 2.5	Pass
		35	4	-2.789	-0.0016	-2.5 to 2.5	Pass
	1752.6	20	3.4	-3.798	-0.0022	-2.5 to 2.5	Pass
			4	-3.934	-0.0022	-2.5 to 2.5	Pass
			4.6	-4.356	-0.0025	-2.5 to 2.5	Pass

Test Report No.: RF260330B003

HSUPA		5	4	-3.898	-0.0022	-2.5 to 2.5	Pass
		15	4	-3.533	-0.0020	-2.5 to 2.5	Pass
		25	4	-3.884	-0.0022	-2.5 to 2.5	Pass
		35	4	-3.970	-0.0023	-2.5 to 2.5	Pass
	1712.4	20	3.4	-0.064	0.0000	-2.5 to 2.5	Pass
			4	2.153	0.0013	-2.5 to 2.5	Pass
			4.6	0.615	0.0004	-2.5 to 2.5	Pass
		5	4	4.971	0.0029	-2.5 to 2.5	Pass
		15	4	5.286	0.0031	-2.5 to 2.5	Pass
		25	4	5.157	0.0030	-2.5 to 2.5	Pass
		35	4	5.479	0.0032	-2.5 to 2.5	Pass
	1732.6	20	3.4	-2.618	-0.0015	-2.5 to 2.5	Pass
			4	-2.983	-0.0017	-2.5 to 2.5	Pass
			4.6	-3.068	-0.0018	-2.5 to 2.5	Pass
		5	4	-2.689	-0.0016	-2.5 to 2.5	Pass
		15	4	-2.618	-0.0015	-2.5 to 2.5	Pass
		25	4	-3.140	-0.0018	-2.5 to 2.5	Pass
		35	4	-2.518	-0.0015	-2.5 to 2.5	Pass
	1752.6	20	3.4	-4.900	-0.0028	-2.5 to 2.5	Pass
			4	-4.585	-0.0026	-2.5 to 2.5	Pass
			4.6	-4.821	-0.0028	-2.5 to 2.5	Pass
		5	4	-4.585	-0.0026	-2.5 to 2.5	Pass
		15	4	-4.363	-0.0025	-2.5 to 2.5	Pass
		25	4	-4.520	-0.0026	-2.5 to 2.5	Pass
		35	4	-4.878	-0.0028	-2.5 to 2.5	Pass



Test Report No.: RF260330B003

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

OBW

Band: 4						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	4.157	/	Pass
			1732.6	4.154	/	Pass
			1752.6	4.148	/	Pass
	HSDPA	Subtest 1	1712.4	4.204	/	Pass
			1732.6	4.161	/	Pass
			1752.6	4.162	/	Pass
	HSUPA	Subtest 1	1712.4	4.186	/	Pass
			1732.6	4.170	/	Pass
			1752.6	4.165	/	Pass

XDB

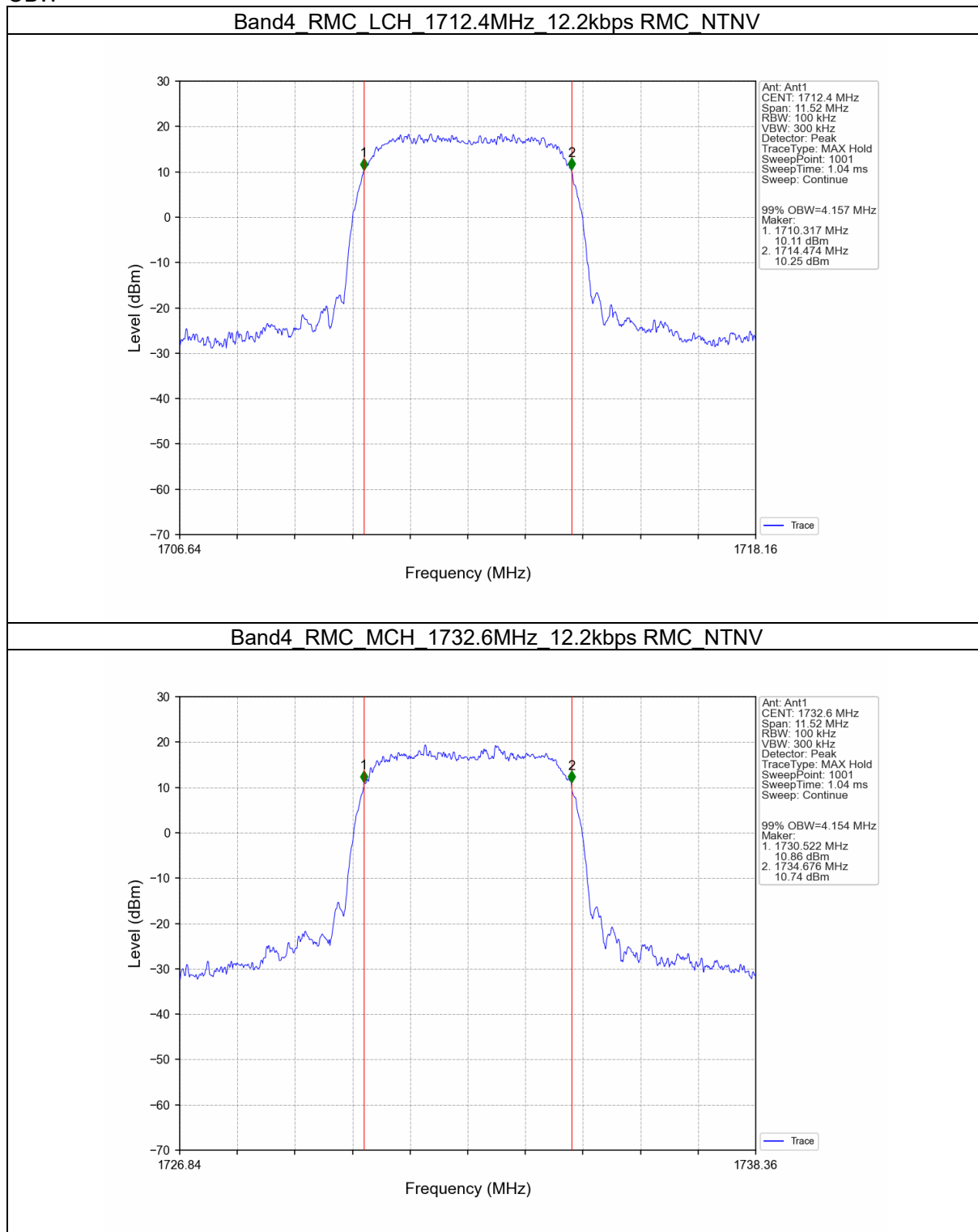
Band: 4						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	4.759	/	Pass
			1732.6	4.730	/	Pass
			1752.6	4.725	/	Pass
	HSDPA	Subtest 1	1712.4	5.413	/	Pass
			1732.6	4.737	/	Pass
			1752.6	4.895	/	Pass
	HSUPA	Subtest 1	1712.4	4.758	/	Pass
			1732.6	4.730	/	Pass
			1752.6	4.749	/	Pass



Test Report No.: RF260330B003

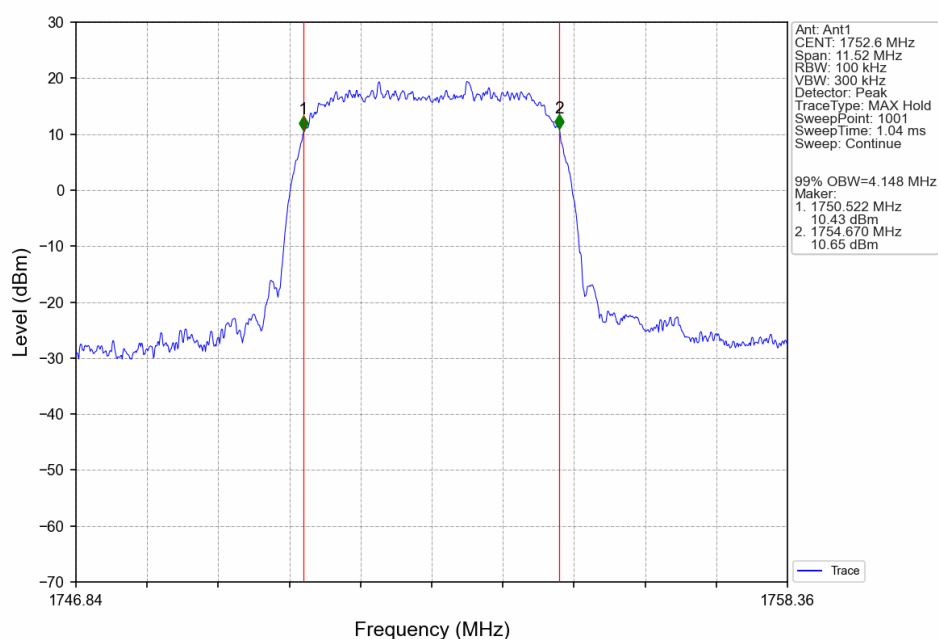
Test Graph

OBW

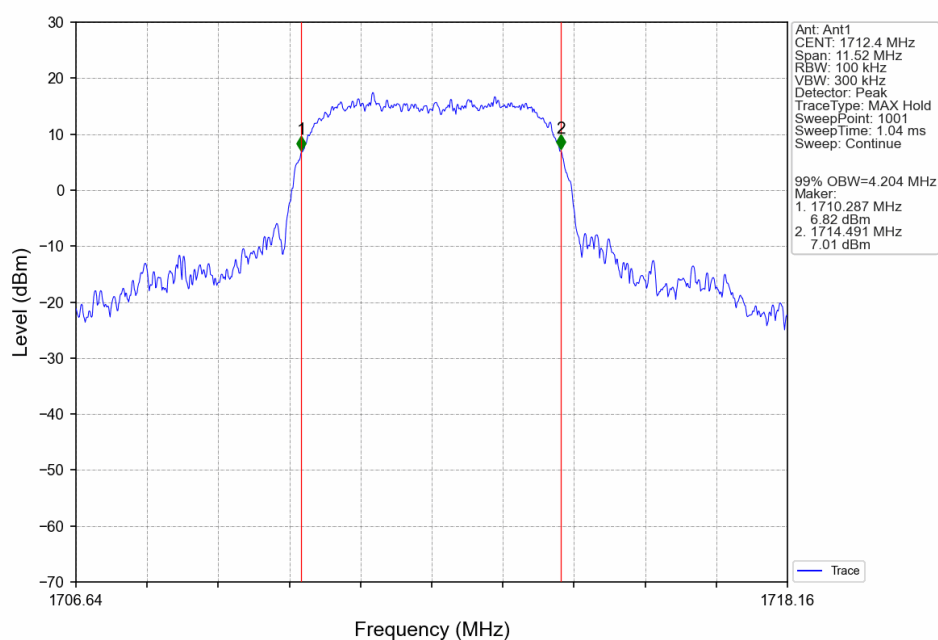


Test Report No.: RF260330B003

Band4_RMC_HCH_1752.6MHz_12.2kbps RMC_NTNV

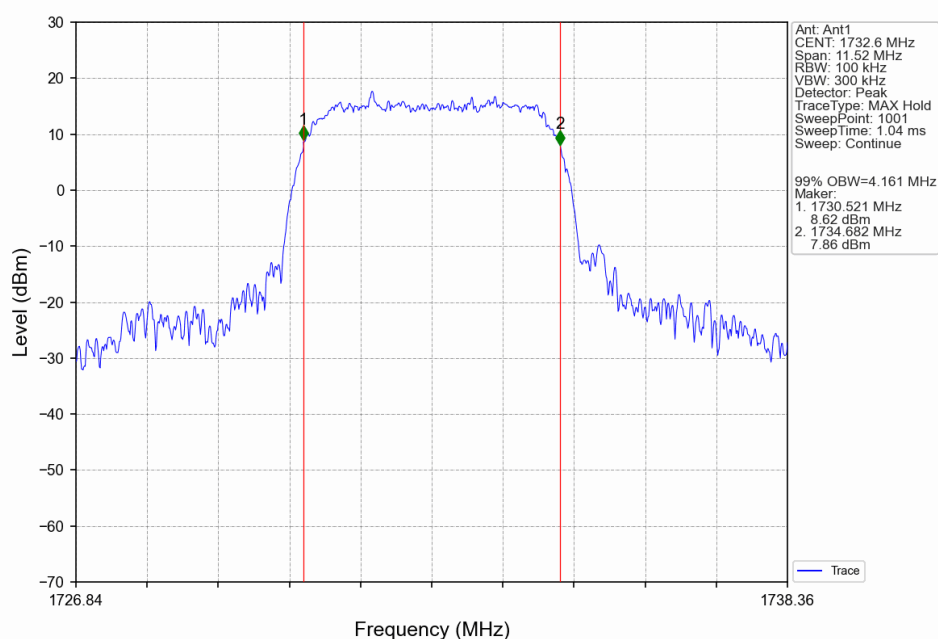


Band4_HSDPA_LCH_1712.4MHz_Subtest 1_NTNV

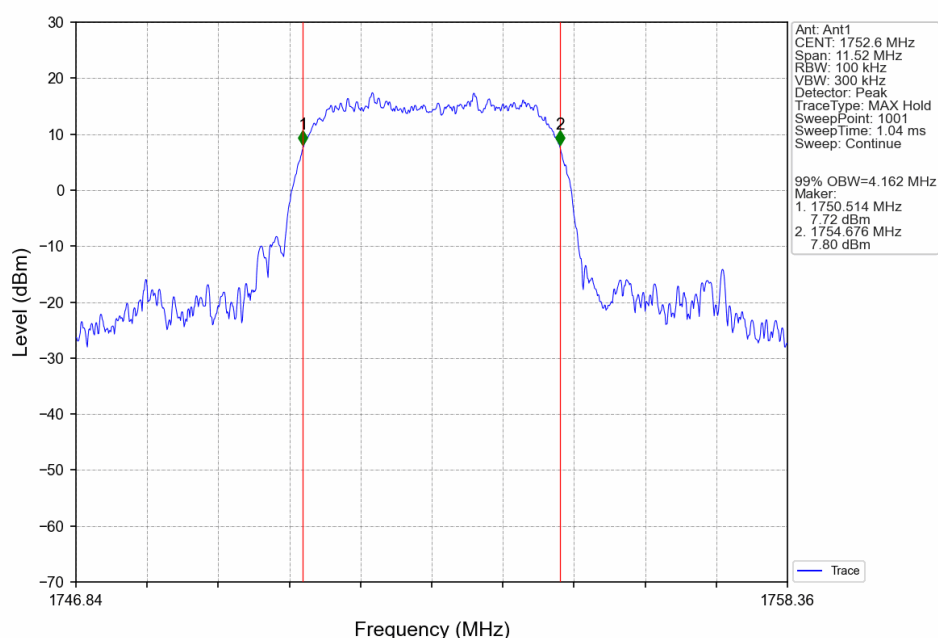


Test Report No.: RF260330B003

Band4_HSDPA_MCH_1732.6MHz_Subtest 1_NTNV

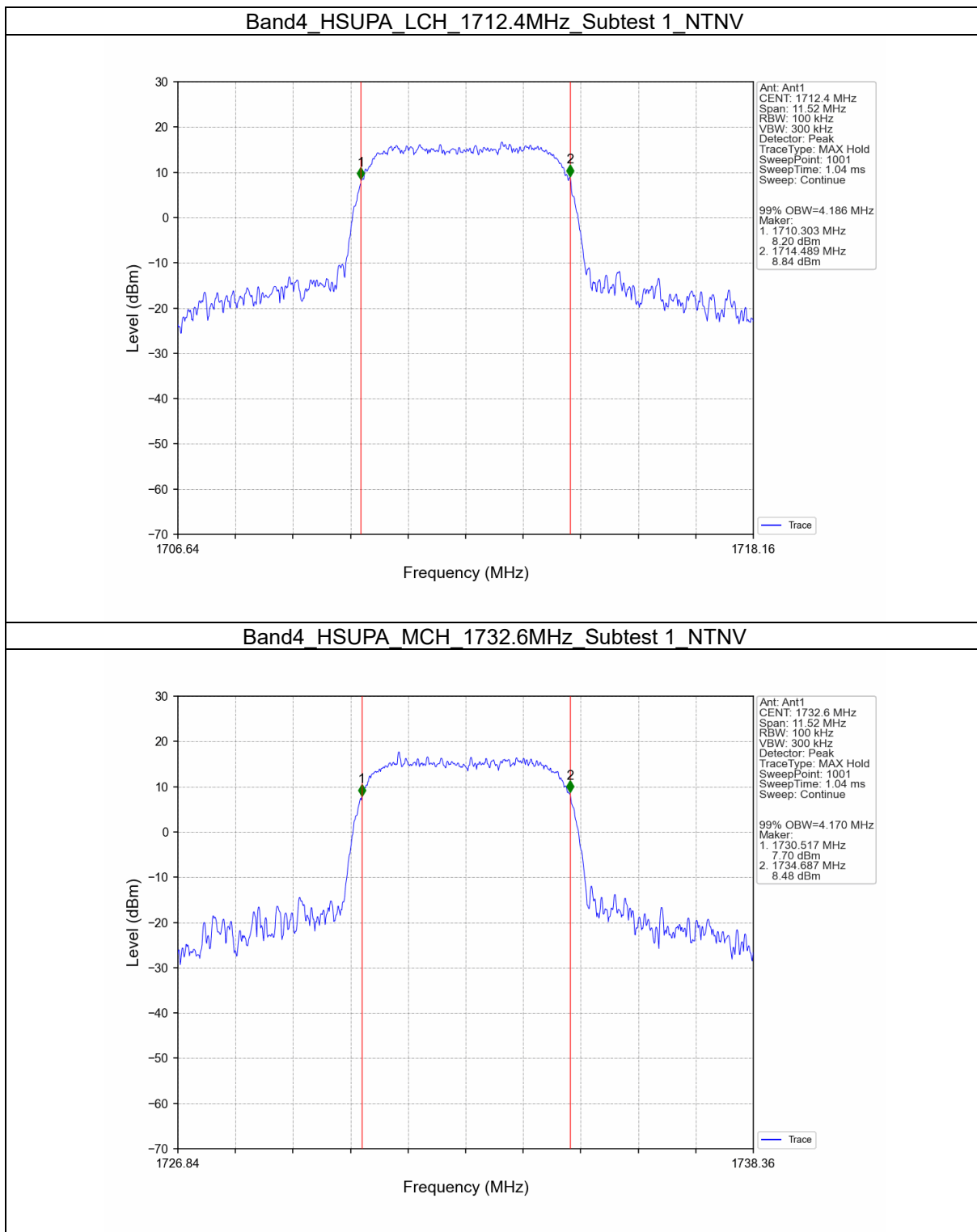


Band4_HSDPA_HCH_1752.6MHz_Subtest 1_NTNV



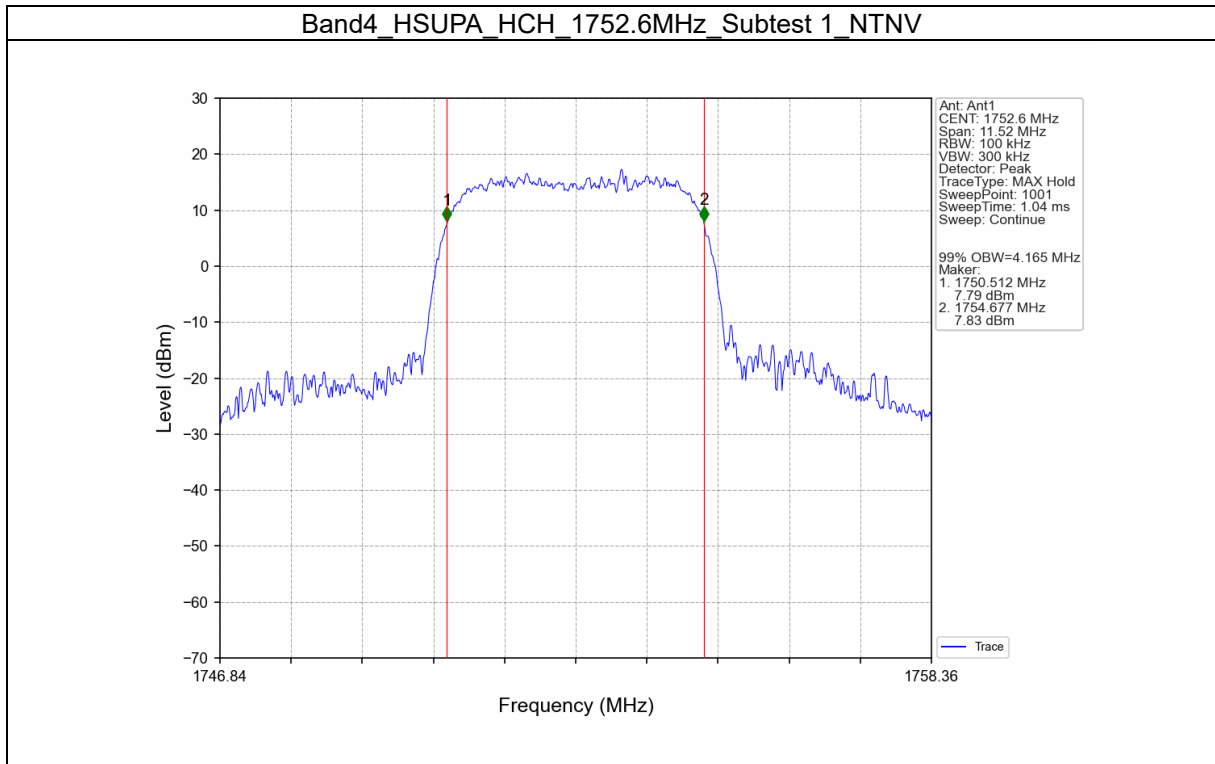


Test Report No.: RF260330B003





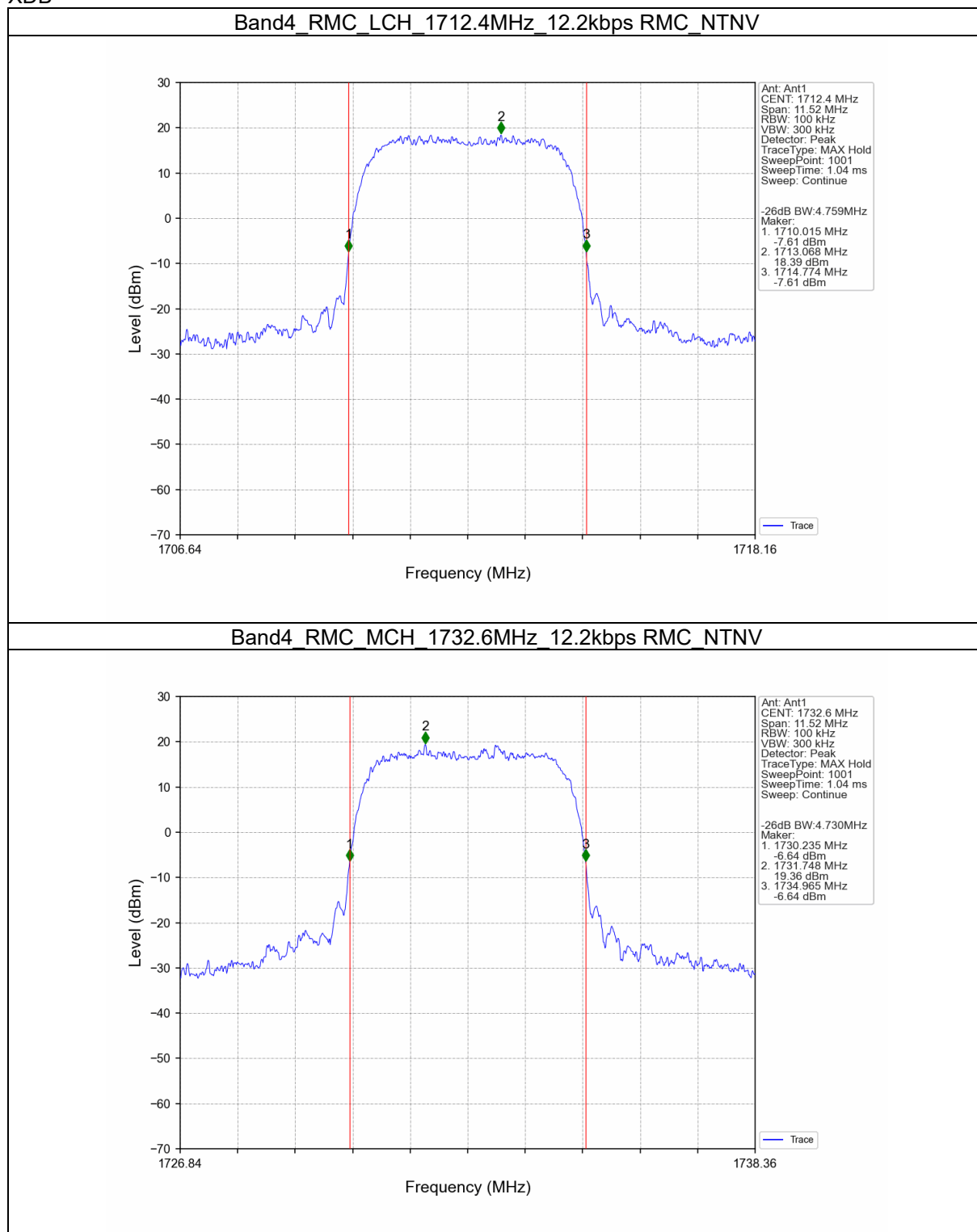
Test Report No.: RF260330B003





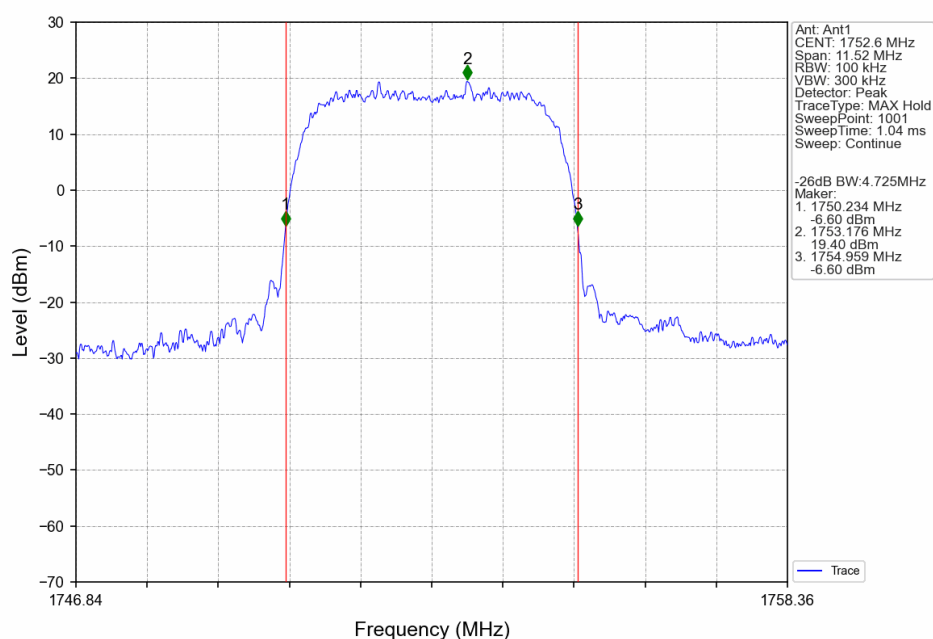
Test Report No.: RF260330B003

XDB

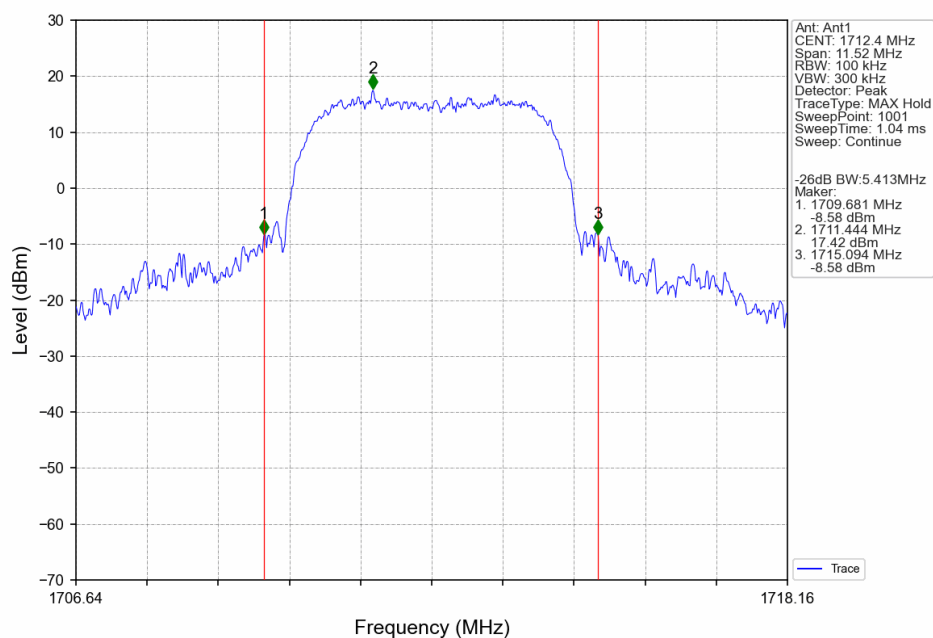


Test Report No.: RF260330B003

Band4_RMC_HCH_1752.6MHz_12.2kbps RMC_NTNV

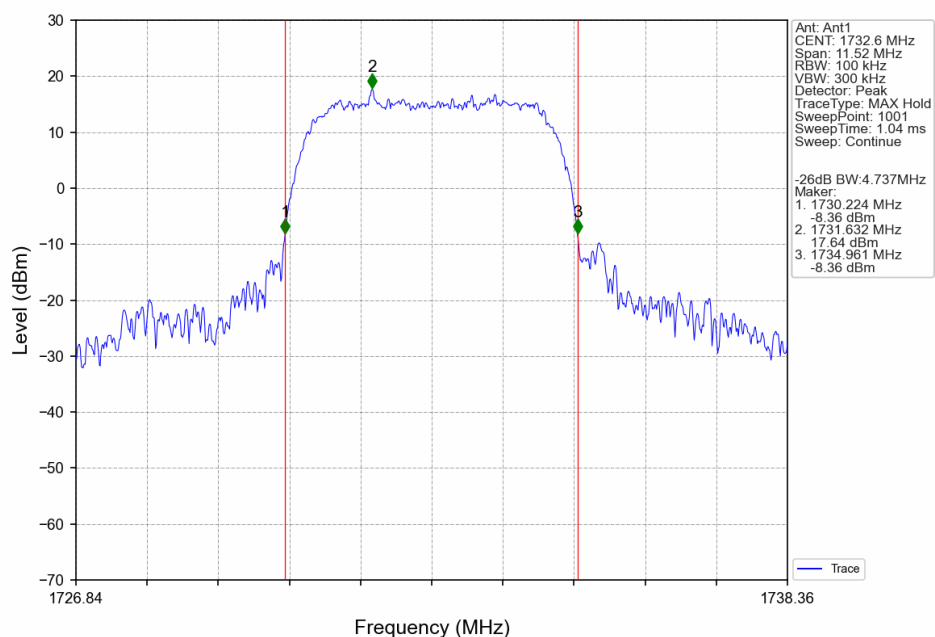


Band4_HSDPA_LCH_1712.4MHz_Subtest 1_NTNV

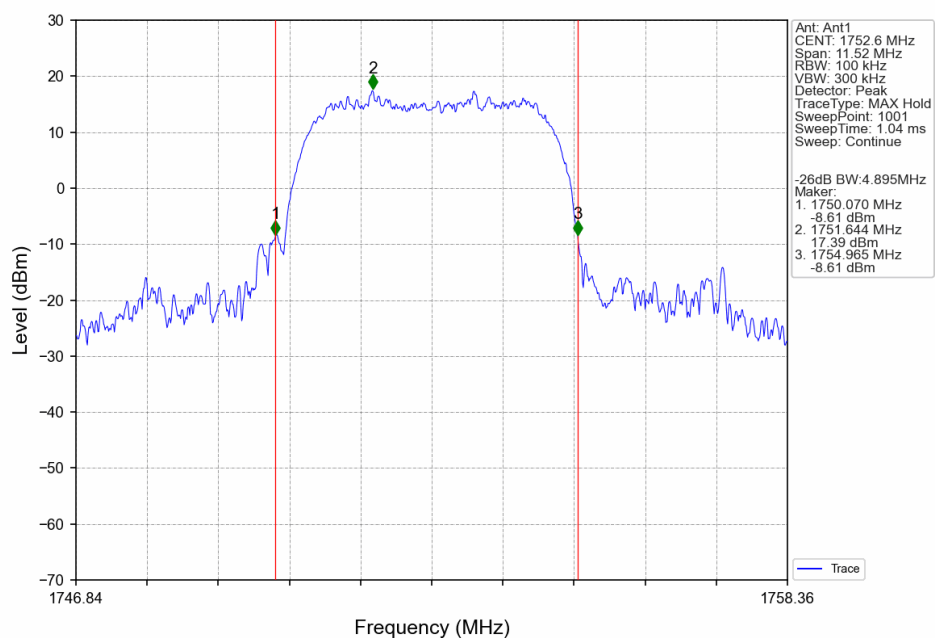


Test Report No.: RF260330B003

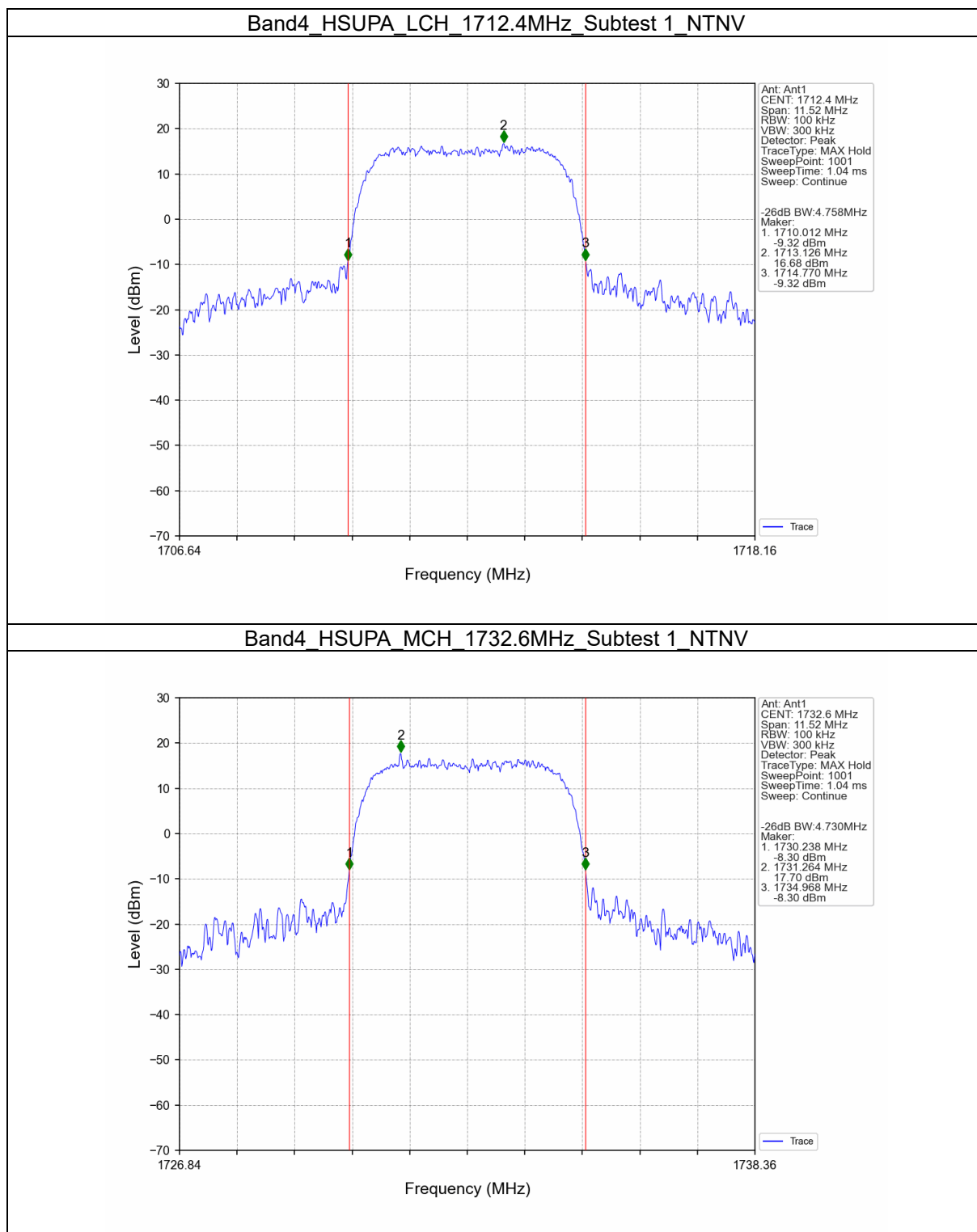
Band4_HSDPA_MCH_1732.6MHz_Subtest 1_NTNV



Band4_HSDPA_HCH_1752.6MHz_Subtest 1_NTNV

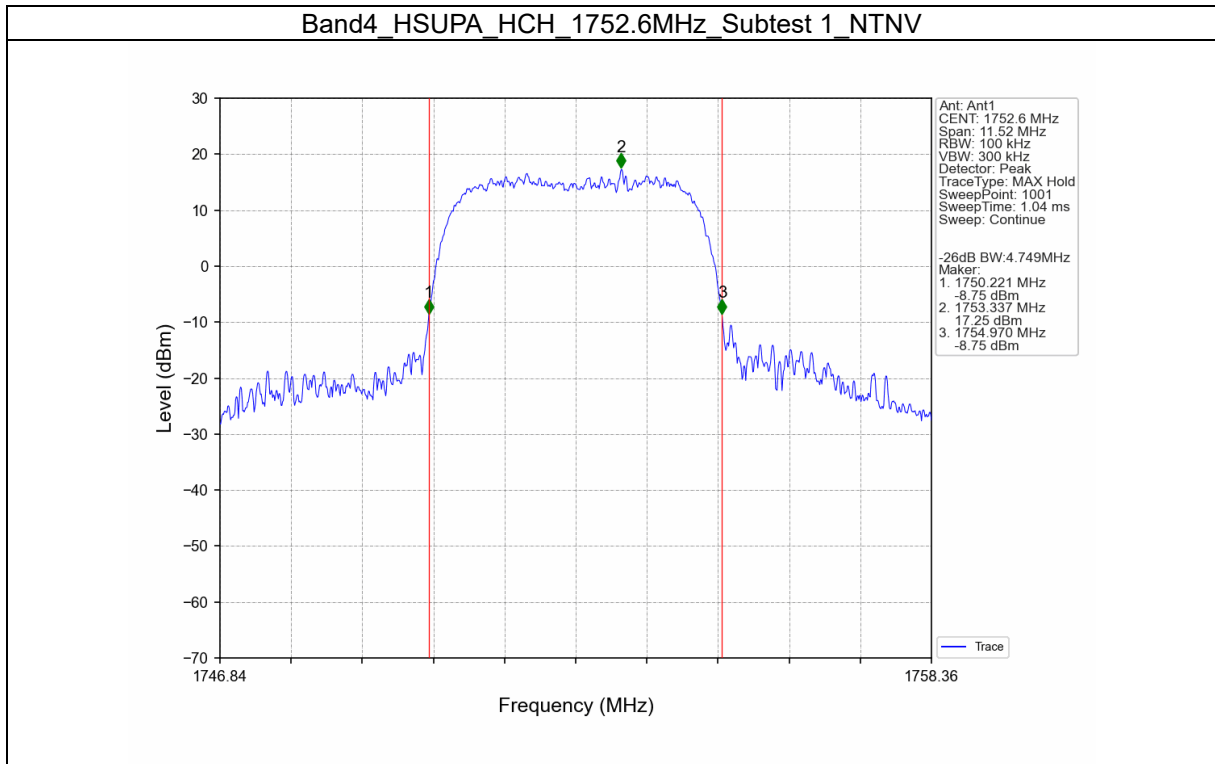


Test Report No.: RF260330B003





Test Report No.: RF260330B003





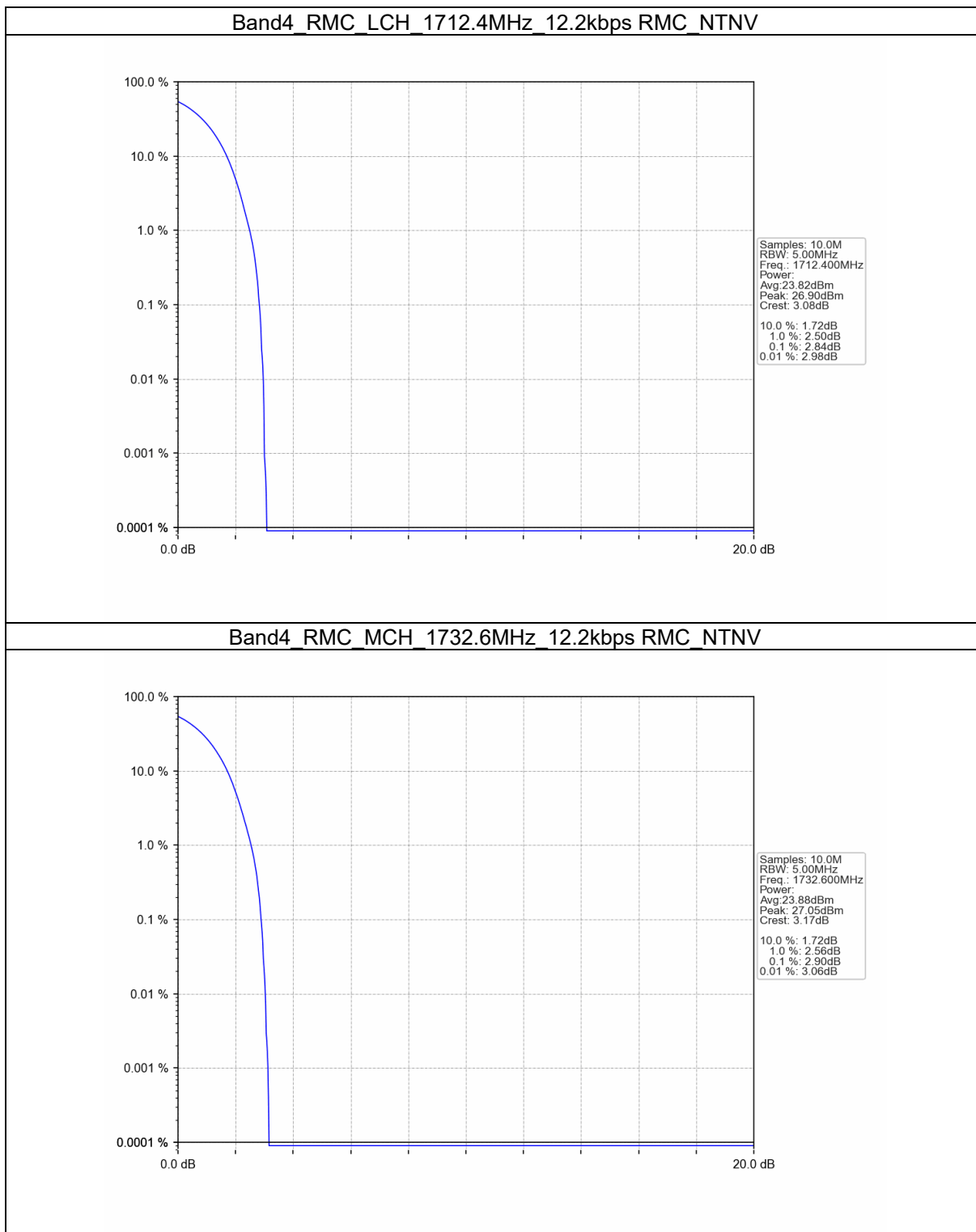
Test Report No.: RF260330B003

PEAK-TO-AVERAGE RATIO (CCDF)

Test Result

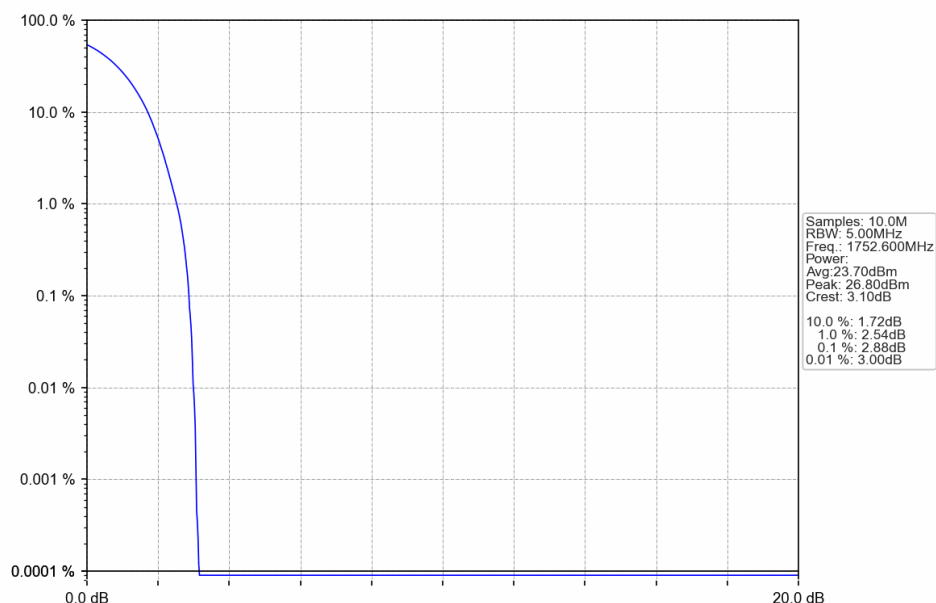
Band: 4						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	2.84	≤ 13	Pass
			1732.6	2.90	≤ 13	Pass
			1752.6	2.88	≤ 13	Pass
	HSDPA	Subtest 1	1712.4	5.78	≤ 13	Pass
			1732.6	5.82	≤ 13	Pass
			1752.6	5.78	≤ 13	Pass
	HSUPA	Subtest 1	1712.4	6.40	≤ 13	Pass
			1732.6	6.50	≤ 13	Pass
			1752.6	6.44	≤ 13	Pass

Test Graph

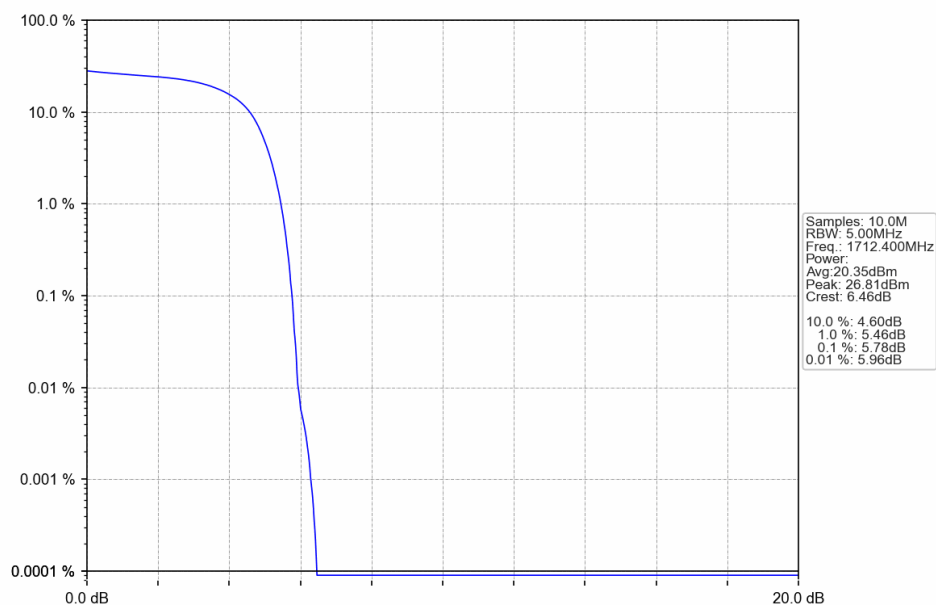


Test Report No.: RF260330B003

Band4_RMC_HCH_1752.6MHz_12.2kbps RMC_NTNV

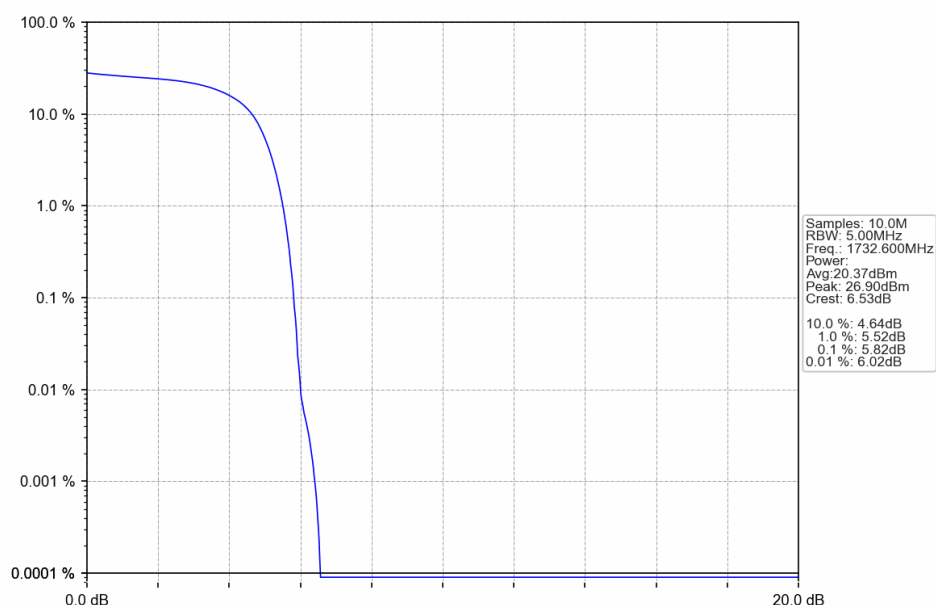


Band4_HSDPA_LCH_1712.4MHz_Subtest 1_NTNV

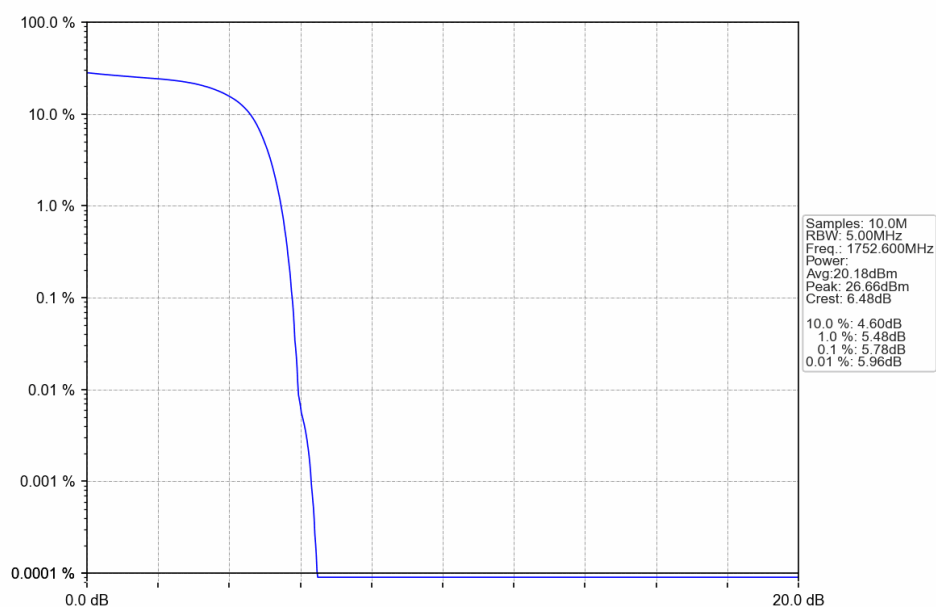


Test Report No.: RF260330B003

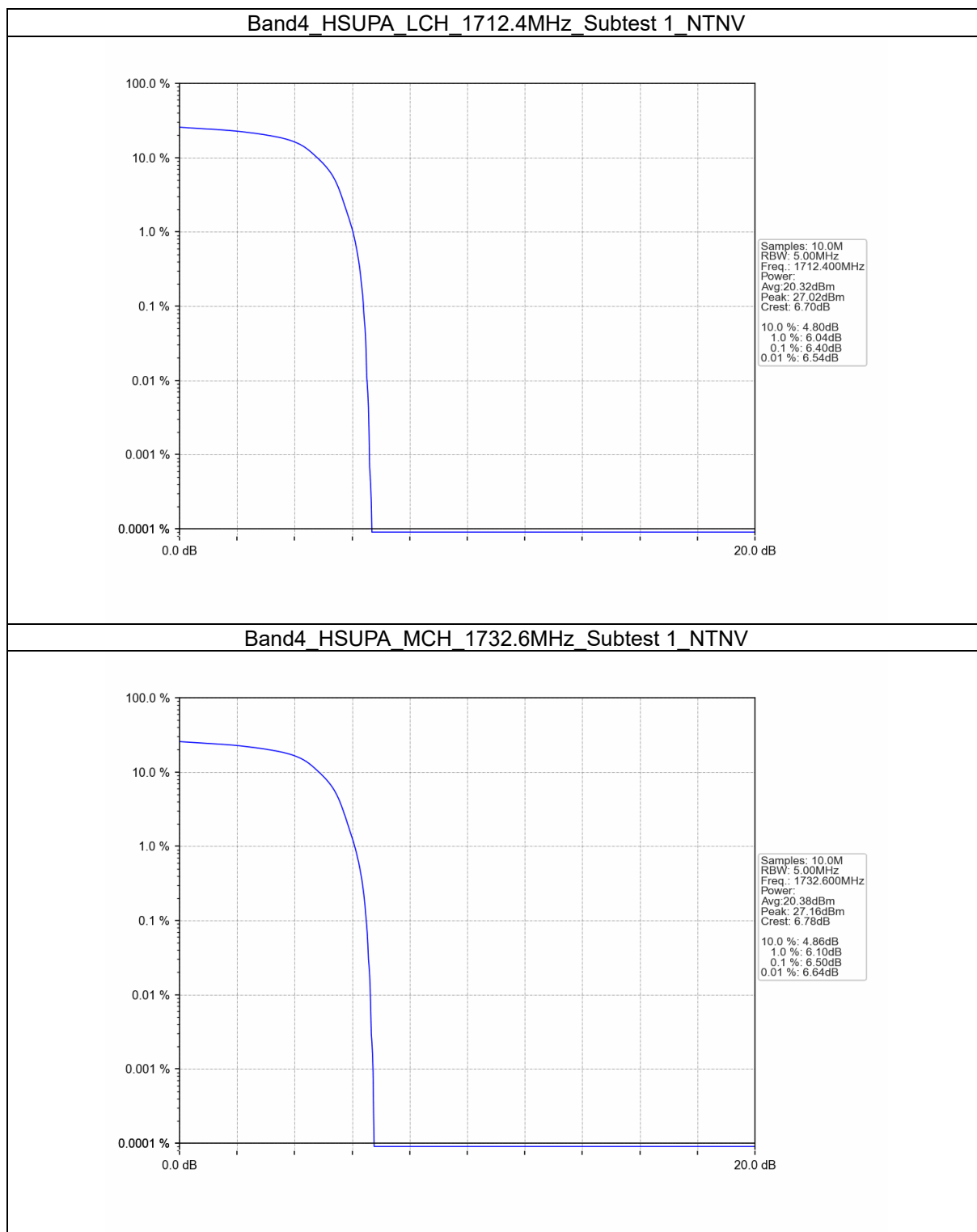
Band4_HSDPA_MCH_1732.6MHz_Subtest 1_NTNV



Band4_HSDPA_HCH_1752.6MHz_Subtest 1_NTNV

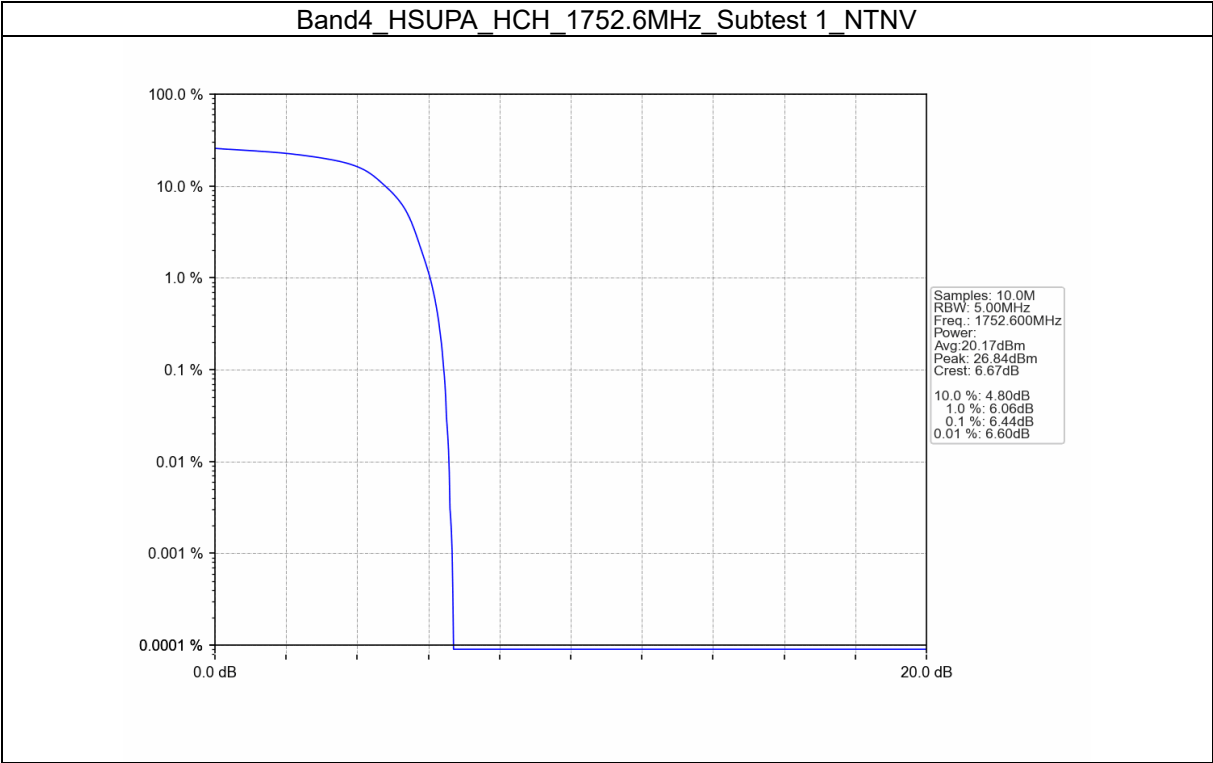


Test Report No.: RF260330B003





Test Report No.: RF260330B003





Test Report No.: RF260330B003

BAND EDGE AND SPURIOUS EMISSION

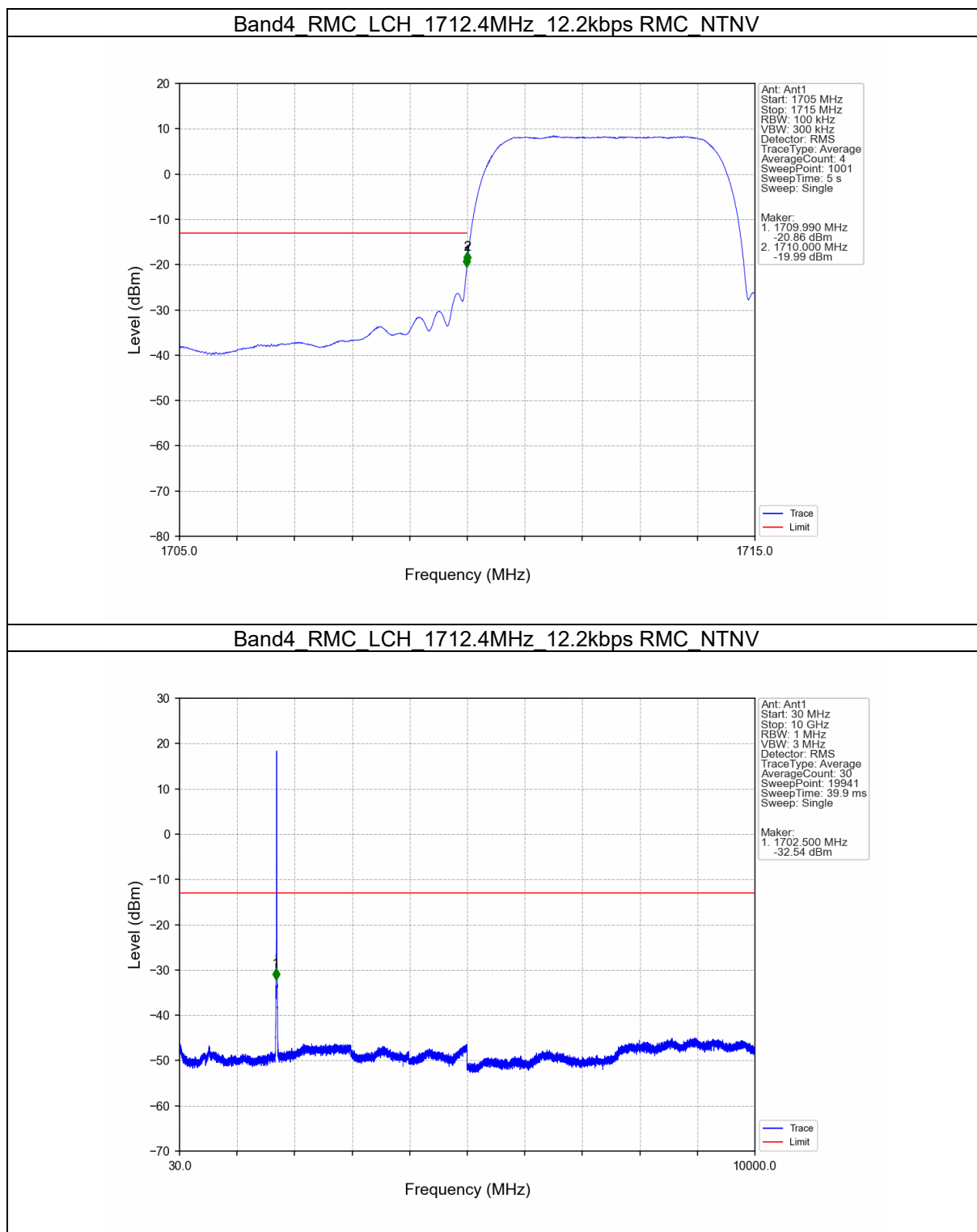
Test Result

Band: 4						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	Refer To Test Graph		Pass
			1732.6	Refer To Test Graph		Pass
			1752.6	Refer To Test Graph		Pass
	HSDPA	Subtest 1	1712.4	Refer To Test Graph		Pass
			1732.6	Refer To Test Graph		Pass
			1752.6	Refer To Test Graph		Pass
	HSUPA	Subtest 1	1712.4	Refer To Test Graph		Pass
			1732.6	Refer To Test Graph		Pass
			1752.6	Refer To Test Graph		Pass



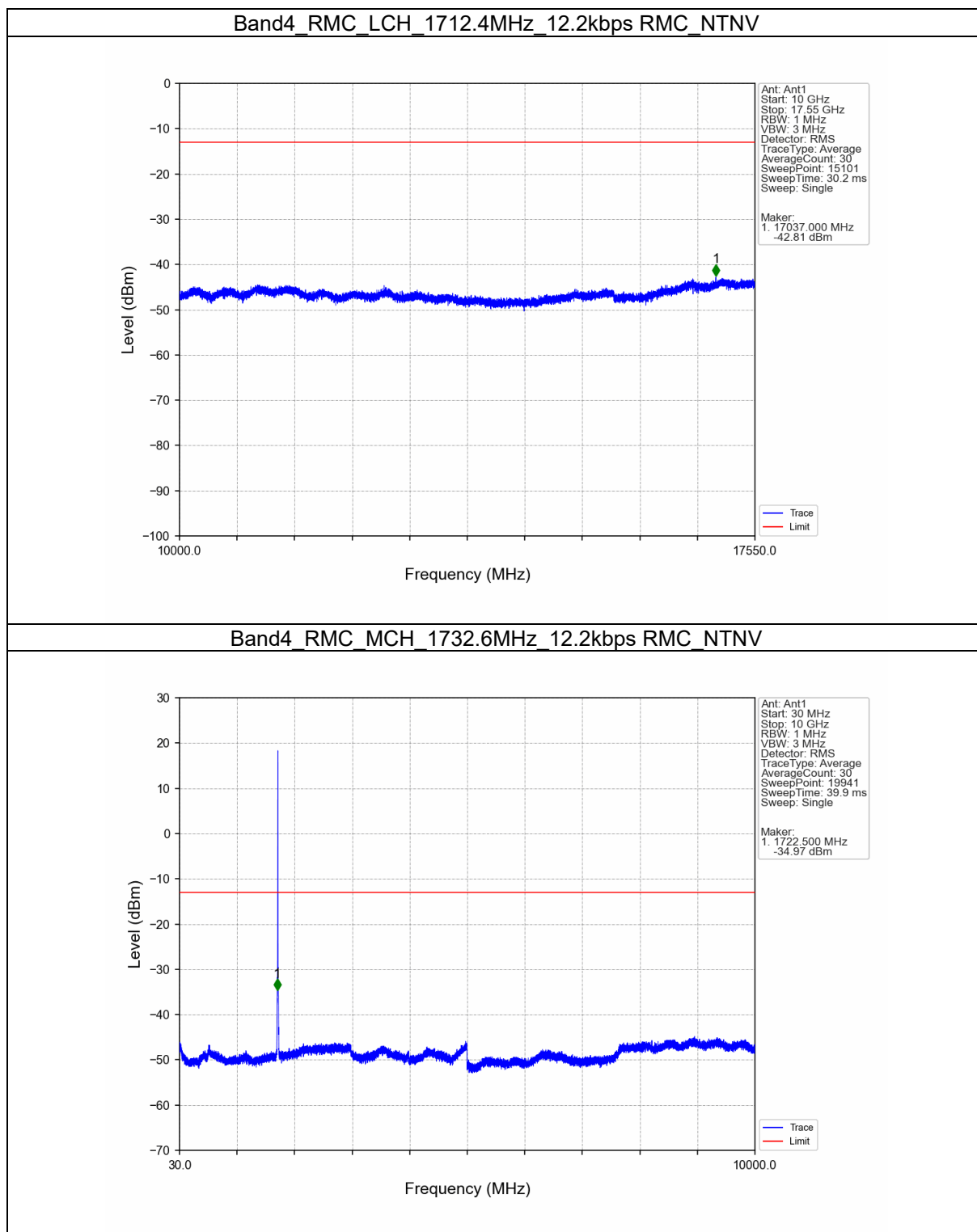
Test Report No.: RF260330B003

Test Graph



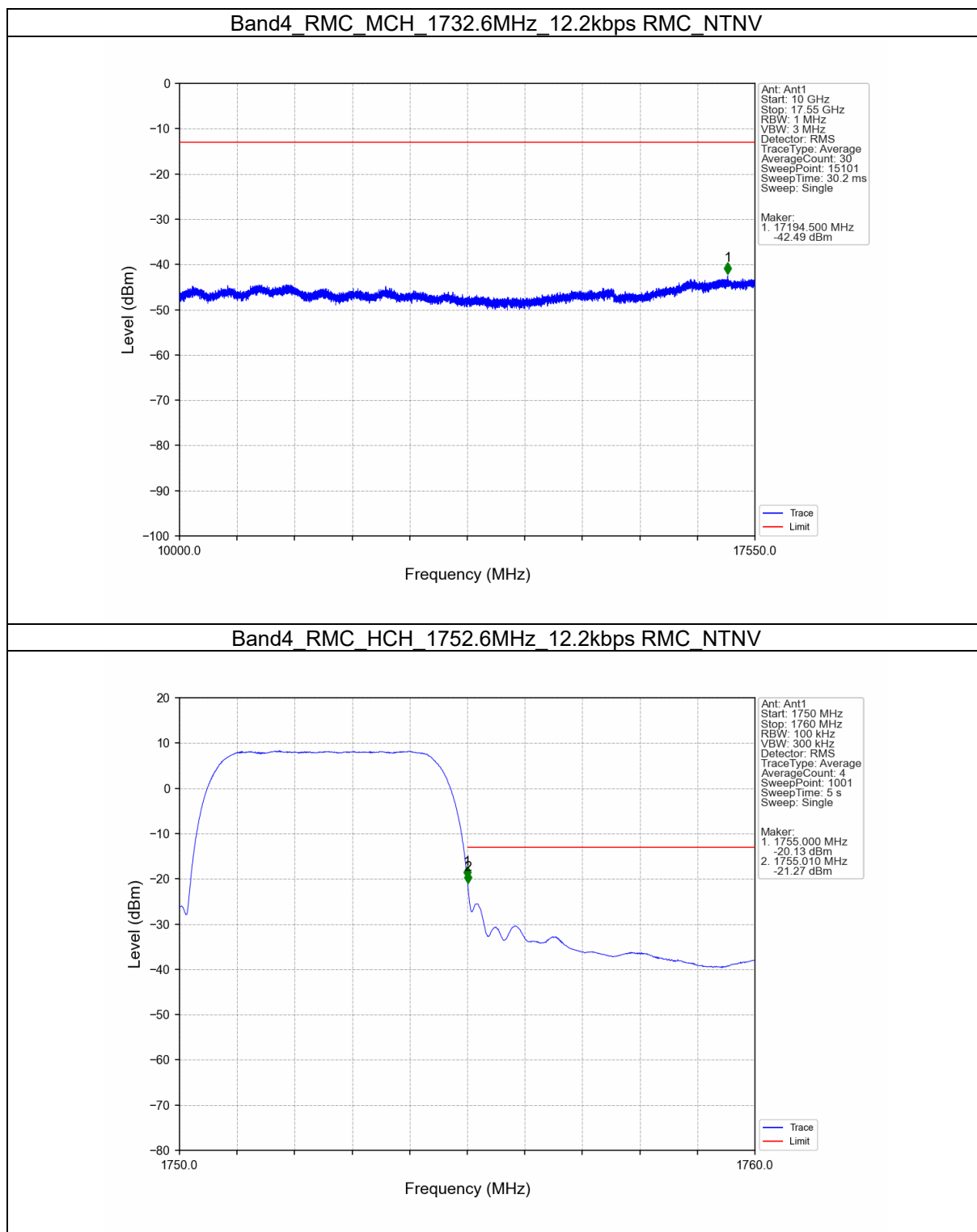


Test Report No.: RF260330B003





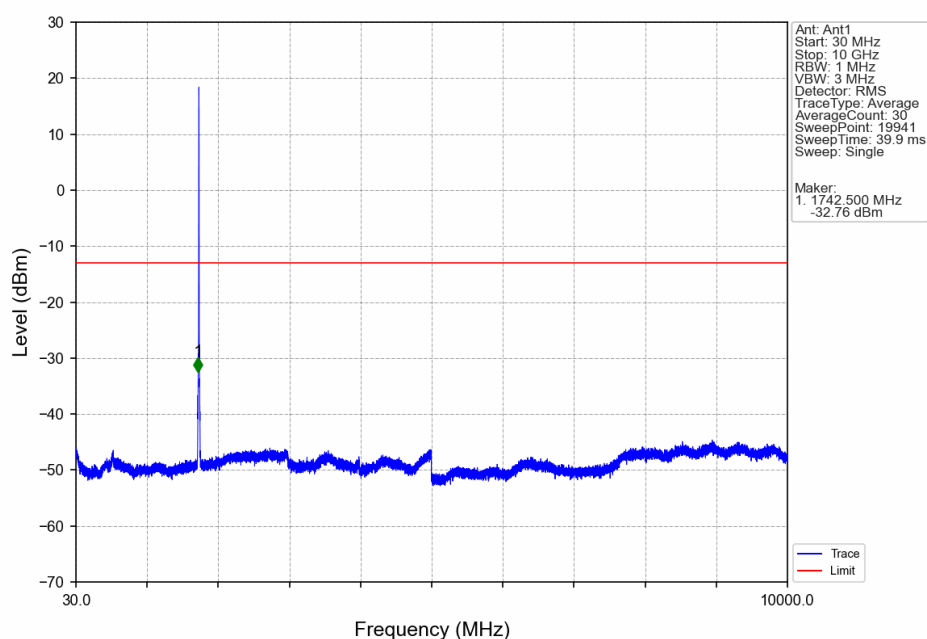
Test Report No.: RF260330B003



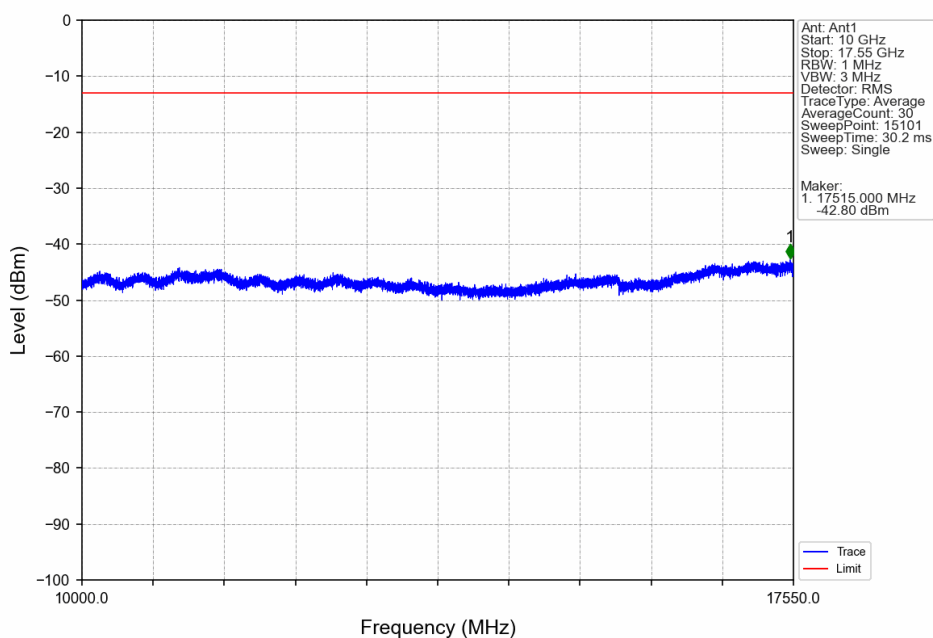


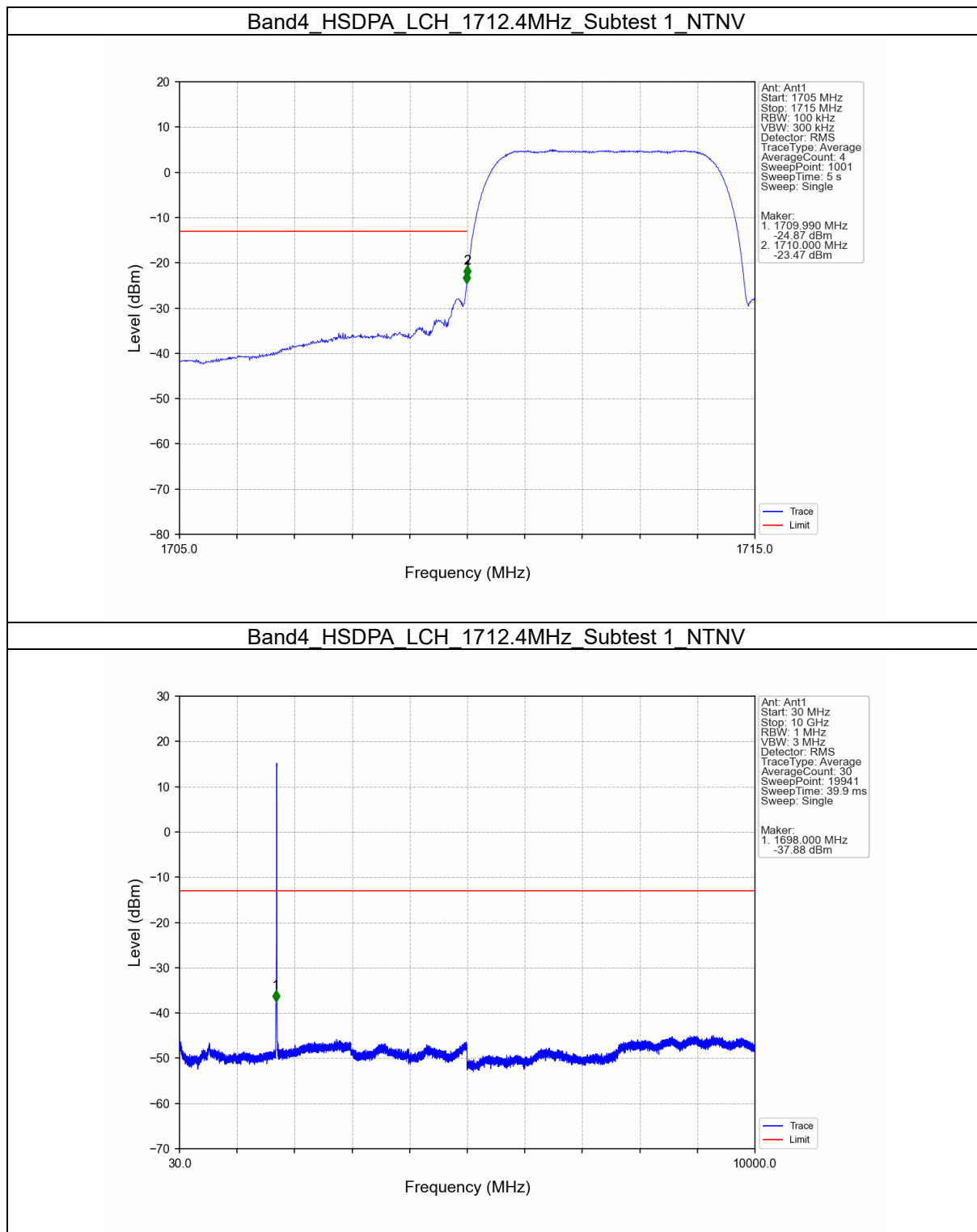
Test Report No.: RF260330B003

Band4_RMC_HCH_1752.6MHz_12.2kbps RMC_NTNV

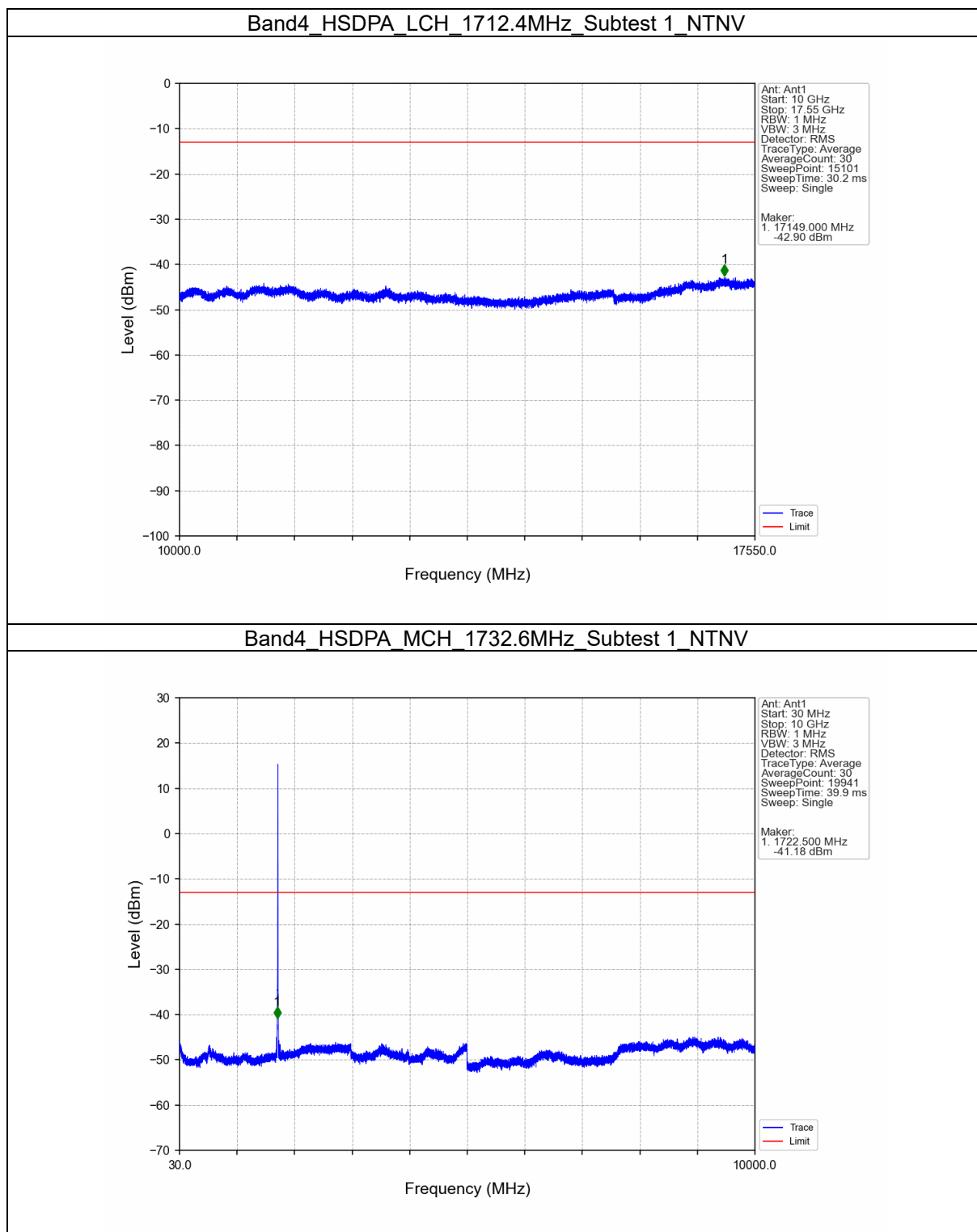


Band4_RMC_HCH_1752.6MHz_12.2kbps RMC_NTNV





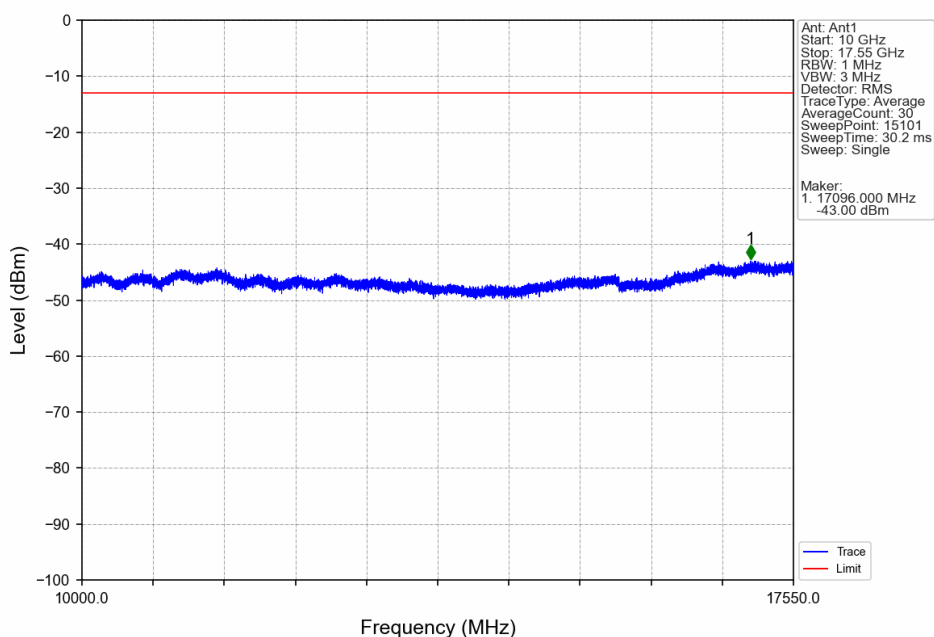
Test Report No.: RF260330B003



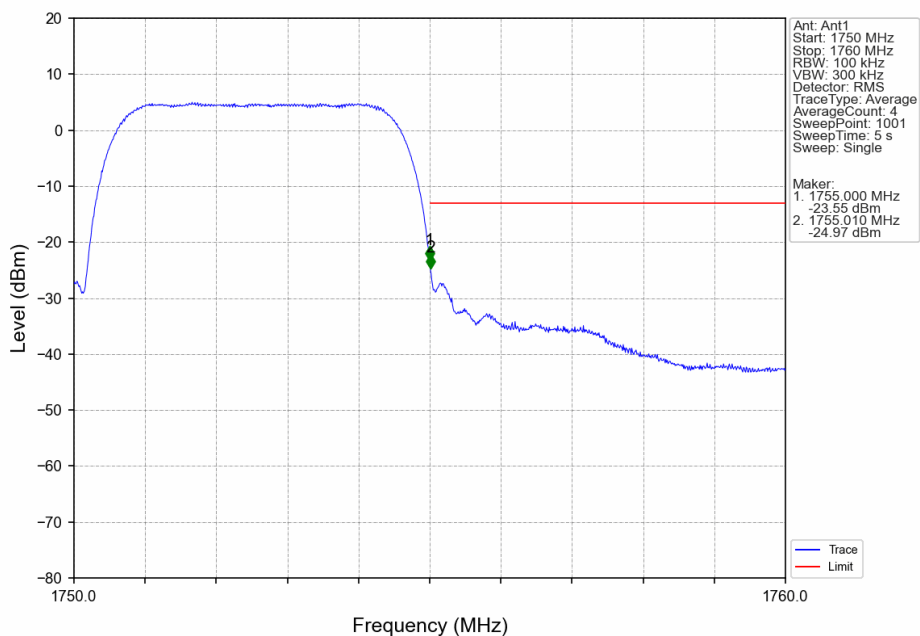


Test Report No.: RF260330B003

Band4_HSDPA_MCH_1732.6MHz_Subtest 1_NTNV

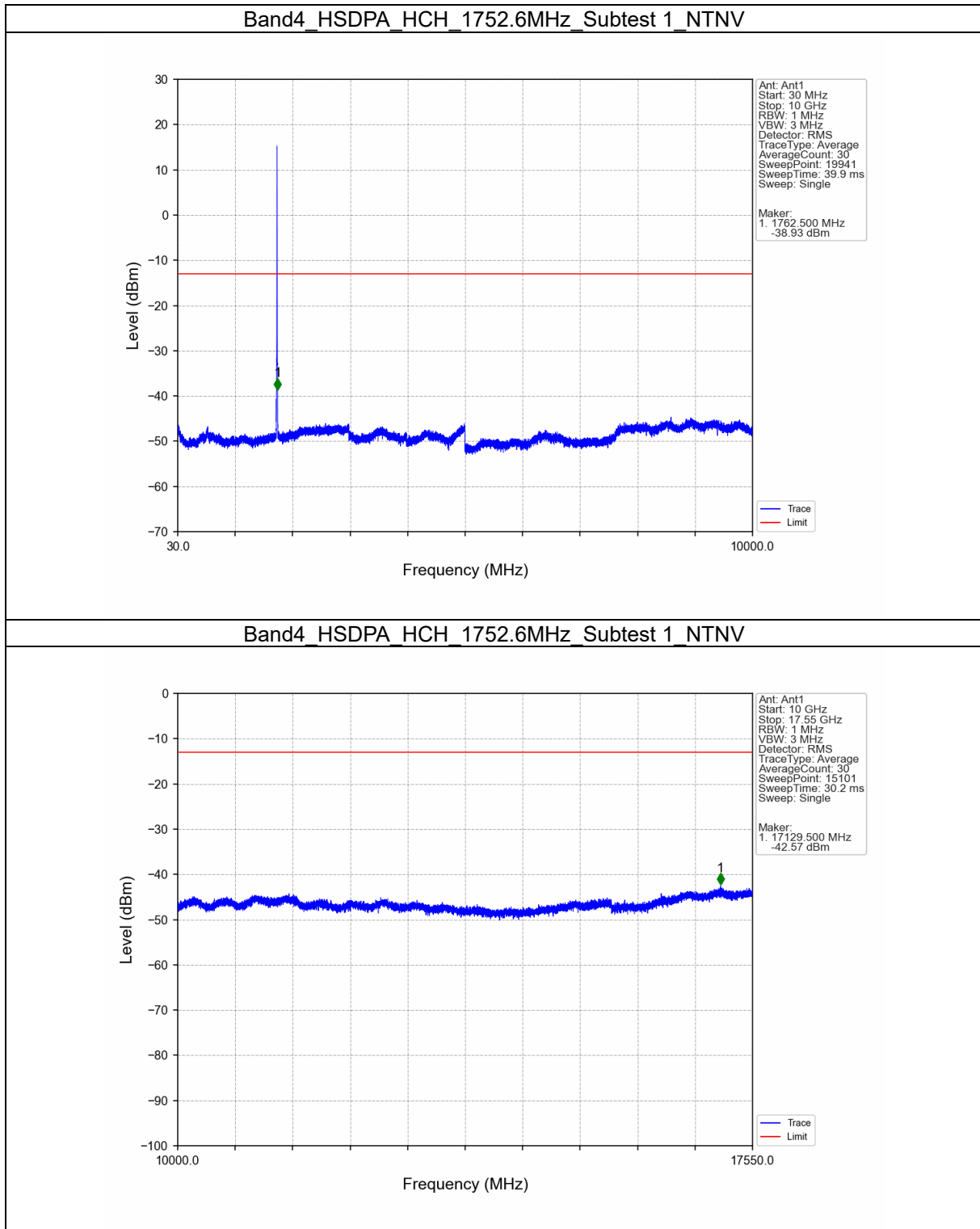


Band4_HSDPA_HCH_1752.6MHz_Subtest 1_NTNV



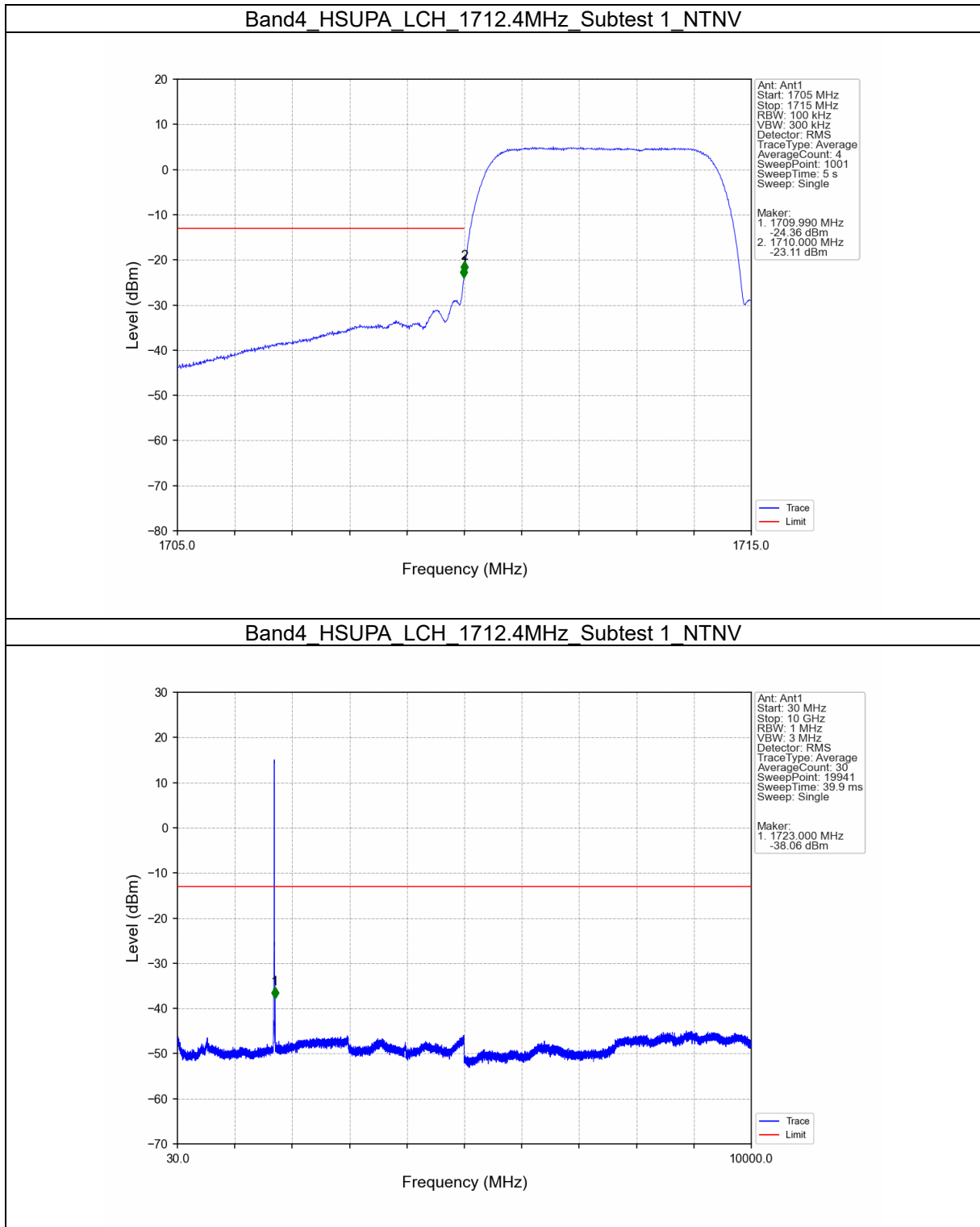


Test Report No.: RF260330B003



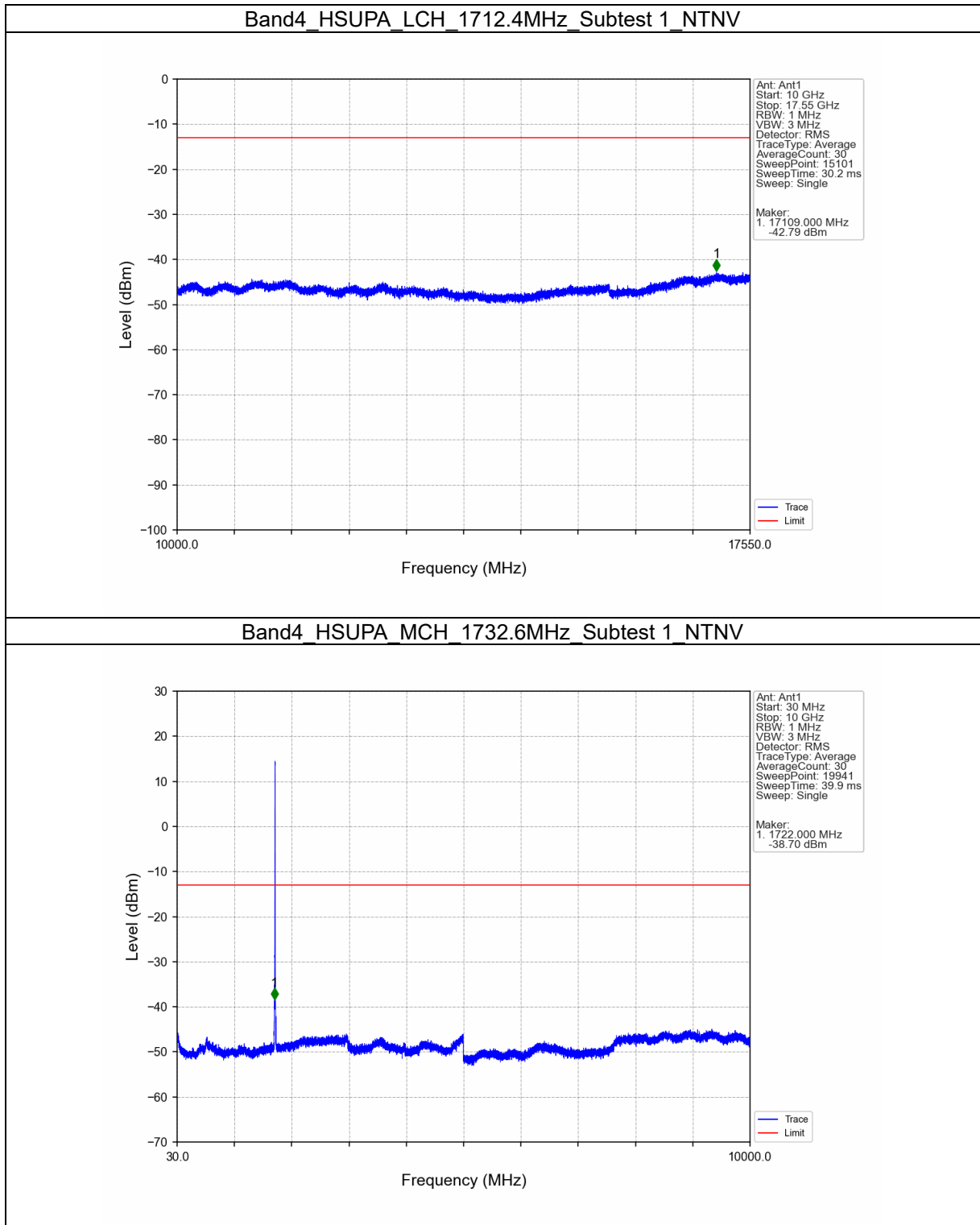


Test Report No.: RF260330B003





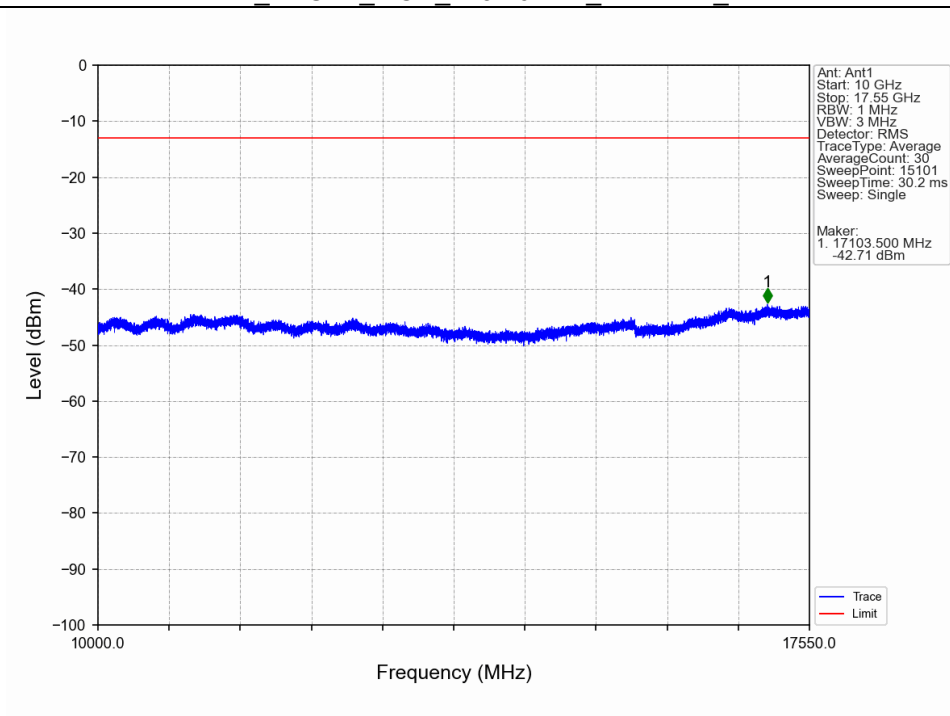
Test Report No.: RF260330B003



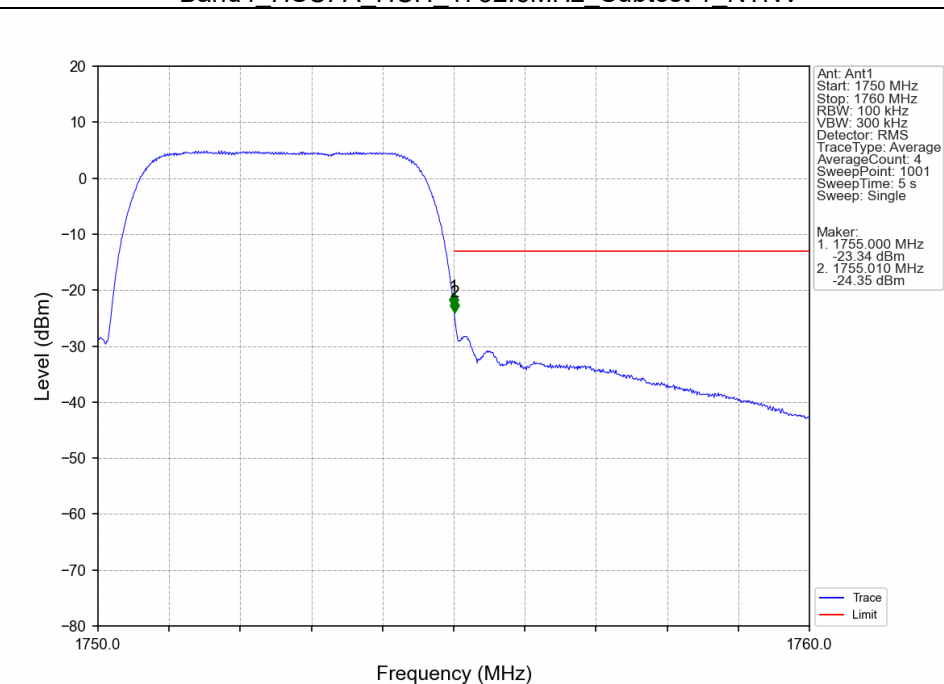


Test Report No.: RF260330B003

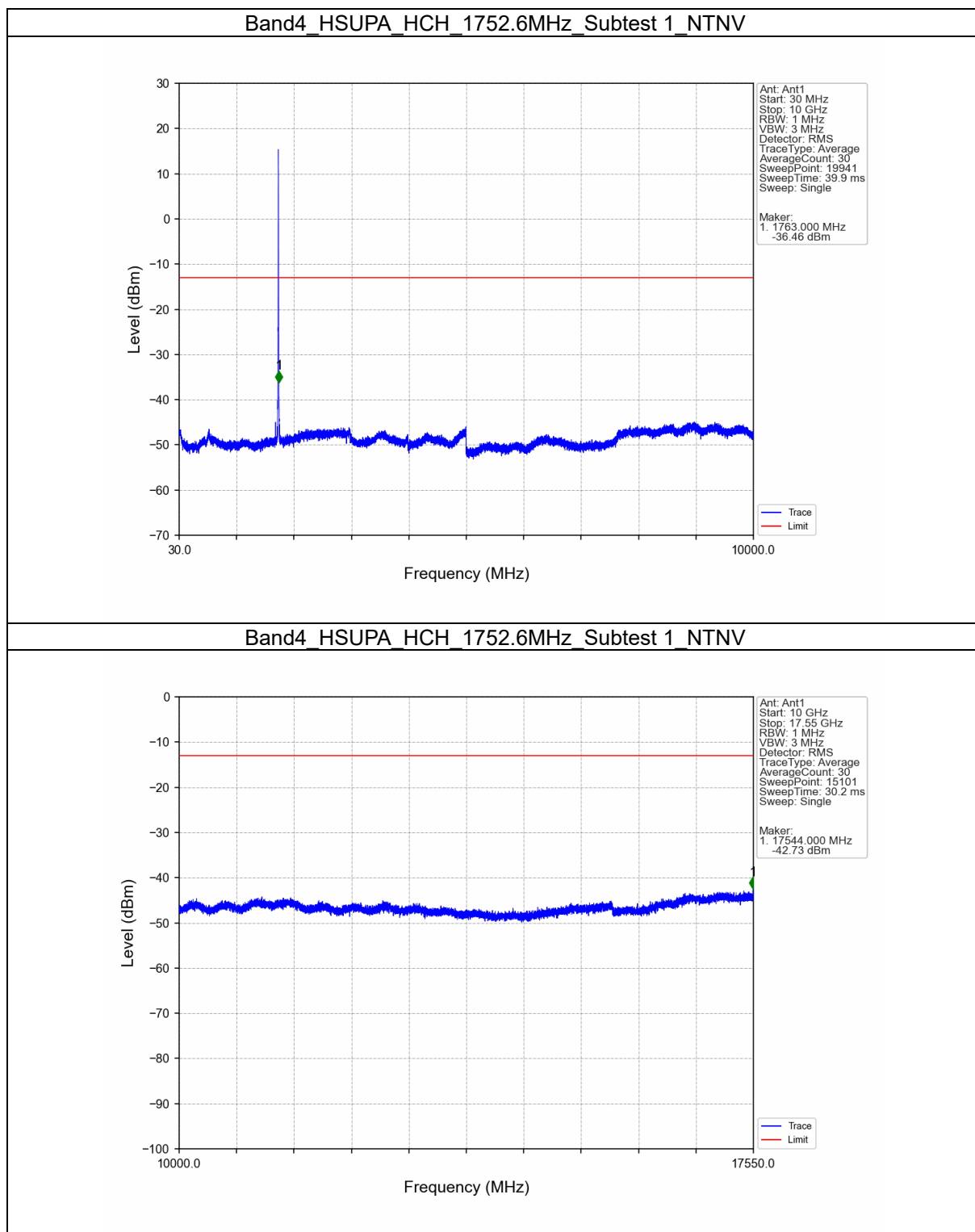
Band4_HSUPA_MCH_1732.6MHz_Subtest 1_NTNV



Band4_HSUPA_HCH_1752.6MHz_Subtest 1_NTNV



Test Report No.: RF260330B003





Test Report No.: RF260330B003

LTE BAND 4

FREQUENCY STABILITY

Test Result

1.4MHz

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.4	7.000	0.0041	-2.5 to 2.5	Pass
					4	5.600	0.0033	-2.5 to 2.5	Pass
					4.6	1.800	0.0011	-2.5 to 2.5	Pass
				5	4	5.800	0.0034	-2.5 to 2.5	Pass
				15	4	6.800	0.0040	-2.5 to 2.5	Pass
				25	4	6.200	0.0036	-2.5 to 2.5	Pass
				35	4	5.100	0.0030	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	-5.200	-0.0030	-2.5 to 2.5	Pass
					4	0.800	0.0005	-2.5 to 2.5	Pass
					4.6	-2.300	-0.0013	-2.5 to 2.5	Pass
				5	4	-6.000	-0.0035	-2.5 to 2.5	Pass
				15	4	0.800	0.0005	-2.5 to 2.5	Pass
				25	4	2.100	0.0012	-2.5 to 2.5	Pass
				35	4	4.600	0.0027	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-14.000	-0.0080	-2.5 to 2.5	Pass
					4	-19.200	-0.0109	-2.5 to 2.5	Pass
					4.6	-9.000	-0.0051	-2.5 to 2.5	Pass
				5	4	-16.700	-0.0095	-2.5 to 2.5	Pass
				15	4	-25.600	-0.0146	-2.5 to 2.5	Pass
				25	4	-17.200	-0.0098	-2.5 to 2.5	Pass
				35	4	-15.800	-0.0090	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.4	5.300	0.0031	-2.5 to 2.5	Pass
					4	3.400	0.0020	-2.5 to 2.5	Pass
					4.6	4.200	0.0025	-2.5 to 2.5	Pass
				5	4	4.300	0.0025	-2.5 to 2.5	Pass
				15	4	4.100	0.0024	-2.5 to 2.5	Pass
				25	4	2.400	0.0014	-2.5 to 2.5	Pass
				35	4	2.900	0.0017	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	-7.700	-0.0044	-2.5 to 2.5	Pass
					4	-6.000	-0.0035	-2.5 to 2.5	Pass
					4.6	1.900	0.0011	-2.5 to 2.5	Pass
				5	4	-5.700	-0.0033	-2.5 to 2.5	Pass
				15	4	-8.100	-0.0047	-2.5 to 2.5	Pass
				25	4	-3.300	-0.0019	-2.5 to 2.5	Pass
				35	4	-5.600	-0.0032	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-19.500	-0.0111	-2.5 to 2.5	Pass
					4	-19.200	-0.0109	-2.5 to 2.5	Pass
					4.6	-19.600	-0.0112	-2.5 to 2.5	Pass
				5	4	-12.900	-0.0074	-2.5 to 2.5	Pass
				15	4	-16.000	-0.0091	-2.5 to 2.5	Pass



Test Report No.: RF260330B003

64QAM	1710.7	6	0	25	4	-11.900	-0.0068	-2.5 to 2.5	Pass
				35	4	-15.300	-0.0087	-2.5 to 2.5	Pass
				20	3.4	195.600	0.1143	-2.5 to 2.5	Pass
					4	194.800	0.1139	-2.5 to 2.5	Pass
					4.6	198.200	0.1159	-2.5 to 2.5	Pass
				5	4	190.600	0.1114	-2.5 to 2.5	Pass
				15	4	-192.800	-0.1127	-2.5 to 2.5	Pass
				25	4	-184.100	-0.1076	-2.5 to 2.5	Pass
				35	4	156.100	0.0912	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	9.200	0.0053	-2.5 to 2.5	Pass
					4	183.200	0.1057	-2.5 to 2.5	Pass
					4.6	188.300	0.1087	-2.5 to 2.5	Pass
				5	4	173.200	0.1000	-2.5 to 2.5	Pass
				15	4	189.400	0.1093	-2.5 to 2.5	Pass
				25	4	191.000	0.1102	-2.5 to 2.5	Pass
				35	4	-151.000	-0.0872	-2.5 to 2.5	Pass
				20	3.4	168.000	0.0958	-2.5 to 2.5	Pass
					4	179.000	0.1020	-2.5 to 2.5	Pass
					4.6	177.800	0.1014	-2.5 to 2.5	Pass
	1754.3	6	0	5	4	174.900	0.0997	-2.5 to 2.5	Pass
				15	4	-202.600	-0.1155	-2.5 to 2.5	Pass
				25	4	113.800	0.0649	-2.5 to 2.5	Pass
				35	4	186.400	0.1063	-2.5 to 2.5	Pass

3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.4	2.100	0.0012	-2.5 to 2.5	Pass
					4	1.300	0.0008	-2.5 to 2.5	Pass
					4.6	-4.200	-0.0025	-2.5 to 2.5	Pass
				5	4	-0.600	-0.0004	-2.5 to 2.5	Pass
				15	4	-3.000	-0.0018	-2.5 to 2.5	Pass
				25	4	-0.900	-0.0005	-2.5 to 2.5	Pass
				35	4	1.600	0.0009	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	-0.300	-0.0002	-2.5 to 2.5	Pass
					4	0.000	0.0000	-2.5 to 2.5	Pass
					4.6	1.400	0.0008	-2.5 to 2.5	Pass
				5	4	2.100	0.0012	-2.5 to 2.5	Pass
				15	4	2.000	0.0012	-2.5 to 2.5	Pass
				25	4	0.100	0.0001	-2.5 to 2.5	Pass
				35	4	-0.300	-0.0002	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					4	2.600	0.0015	-2.5 to 2.5	Pass
					4.6	2.000	0.0011	-2.5 to 2.5	Pass
				5	4	2.000	0.0011	-2.5 to 2.5	Pass
				15	4	2.000	0.0011	-2.5 to 2.5	Pass
				25	4	2.400	0.0014	-2.5 to 2.5	Pass
				35	4	3.100	0.0018	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.4	2.100	0.0012	-2.5 to 2.5	Pass
					4	-2.100	-0.0012	-2.5 to 2.5	Pass
					4.6	-0.300	-0.0002	-2.5 to 2.5	Pass
				5	4	-0.600	-0.0004	-2.5 to 2.5	Pass



Test Report No.: RF260330B003

	1732.5	15	0	15	4	0.500	0.0003	-2.5 to 2.5	Pass
				25	4	0.200	0.0001	-2.5 to 2.5	Pass
				35	4	-3.800	-0.0022	-2.5 to 2.5	Pass
				20	3.4	1.100	0.0006	-2.5 to 2.5	Pass
					4	1.700	0.0010	-2.5 to 2.5	Pass
					4.6	2.800	0.0016	-2.5 to 2.5	Pass
				5	4	3.300	0.0019	-2.5 to 2.5	Pass
				15	4	2.400	0.0014	-2.5 to 2.5	Pass
				25	4	2.000	0.0012	-2.5 to 2.5	Pass
				35	4	0.900	0.0005	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	1.200	0.0007	-2.5 to 2.5	Pass
					4	2.200	0.0013	-2.5 to 2.5	Pass
					4.6	1.700	0.0010	-2.5 to 2.5	Pass
				5	4	3.200	0.0018	-2.5 to 2.5	Pass
				15	4	2.600	0.0015	-2.5 to 2.5	Pass
				25	4	1.400	0.0008	-2.5 to 2.5	Pass
				35	4	1.000	0.0006	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.4	53.900	0.0315	-2.5 to 2.5	Pass
					4	19.700	0.0115	-2.5 to 2.5	Pass
					4.6	40.400	0.0236	-2.5 to 2.5	Pass
				5	4	-8.700	-0.0051	-2.5 to 2.5	Pass
				15	4	7.800	0.0046	-2.5 to 2.5	Pass
				25	4	-15.200	-0.0089	-2.5 to 2.5	Pass
				35	4	8.300	0.0048	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	42.600	0.0246	-2.5 to 2.5	Pass
					4	-16.000	-0.0092	-2.5 to 2.5	Pass
					4.6	2.900	0.0017	-2.5 to 2.5	Pass
				5	4	-12.200	-0.0070	-2.5 to 2.5	Pass
				15	4	81.900	0.0473	-2.5 to 2.5	Pass
				25	4	-19.900	-0.0115	-2.5 to 2.5	Pass
				35	4	-132.600	-0.0765	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	75.400	0.0430	-2.5 to 2.5	Pass
					4	13.600	0.0078	-2.5 to 2.5	Pass
					4.6	-28.100	-0.0160	-2.5 to 2.5	Pass
				5	4	-27.400	-0.0156	-2.5 to 2.5	Pass
				15	4	29.300	0.0167	-2.5 to 2.5	Pass
				25	4	-52.600	-0.0300	-2.5 to 2.5	Pass
				35	4	52.100	0.0297	-2.5 to 2.5	Pass

5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					4	-0.800	-0.0005	-2.5 to 2.5	Pass
					4.6	-1.300	-0.0008	-2.5 to 2.5	Pass
				5	4	-5.100	-0.0030	-2.5 to 2.5	Pass
				15	4	-2.900	-0.0017	-2.5 to 2.5	Pass
				25	4	-2.900	-0.0017	-2.5 to 2.5	Pass
				35	4	-3.400	-0.0020	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	1.300	0.0008	-2.5 to 2.5	Pass
					4	1.000	0.0006	-2.5 to 2.5	Pass
					4.6	2.100	0.0012	-2.5 to 2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B003

				5	4	2.000	0.0012	-2.5 to 2.5	Pass	
				15	4	2.400	0.0014	-2.5 to 2.5	Pass	
				25	4	0.400	0.0002	-2.5 to 2.5	Pass	
				35	4	-0.700	-0.0004	-2.5 to 2.5	Pass	
	1752.5	25	0	20	3.4	0.900	0.0005	-2.5 to 2.5	Pass	
					4	1.900	0.0011	-2.5 to 2.5	Pass	
					4.6	2.000	0.0011	-2.5 to 2.5	Pass	
				5	4	1.200	0.0007	-2.5 to 2.5	Pass	
				15	4	2.900	0.0017	-2.5 to 2.5	Pass	
				25	4	2.100	0.0012	-2.5 to 2.5	Pass	
				35	4	1.900	0.0011	-2.5 to 2.5	Pass	
				16QAM	1712.5	25	0	20	3.4	-2.000
	4	-2.800	-0.0016						-2.5 to 2.5	Pass
	4.6	-0.700	-0.0004						-2.5 to 2.5	Pass
5	4	-1.100	-0.0006					-2.5 to 2.5	Pass	
15	4	-1.800	-0.0011					-2.5 to 2.5	Pass	
25	4	-5.500	-0.0032					-2.5 to 2.5	Pass	
35	4	-3.000	-0.0018					-2.5 to 2.5	Pass	
1732.5	25	0	20		3.4	0.000	0.0000	-2.5 to 2.5	Pass	
					4	0.300	0.0002	-2.5 to 2.5	Pass	
					4.6	-1.200	-0.0007	-2.5 to 2.5	Pass	
			5		4	-0.300	-0.0002	-2.5 to 2.5	Pass	
			15		4	1.300	0.0008	-2.5 to 2.5	Pass	
			25		4	0.700	0.0004	-2.5 to 2.5	Pass	
			35		4	1.000	0.0006	-2.5 to 2.5	Pass	
1752.5	25	0	20		3.4	1.300	0.0007	-2.5 to 2.5	Pass	
					4	1.600	0.0009	-2.5 to 2.5	Pass	
					4.6	0.900	0.0005	-2.5 to 2.5	Pass	
			5		4	1.100	0.0006	-2.5 to 2.5	Pass	
			15		4	2.700	0.0015	-2.5 to 2.5	Pass	
			25		4	1.700	0.0010	-2.5 to 2.5	Pass	
			35		4	1.700	0.0010	-2.5 to 2.5	Pass	
64QAM	1712.5	25	0		20	3.4	1.200	0.0007	-2.5 to 2.5	Pass
						4	-20.600	-0.0120	-2.5 to 2.5	Pass
						4.6	-27.500	-0.0161	-2.5 to 2.5	Pass
				5	4	27.100	0.0158	-2.5 to 2.5	Pass	
				15	4	31.800	0.0186	-2.5 to 2.5	Pass	
				25	4	-26.200	-0.0153	-2.5 to 2.5	Pass	
				35	4	3.000	0.0018	-2.5 to 2.5	Pass	
	1732.5	25	0	20	3.4	-43.500	-0.0251	-2.5 to 2.5	Pass	
					4	13.000	0.0075	-2.5 to 2.5	Pass	
					4.6	16.400	0.0095	-2.5 to 2.5	Pass	
				5	4	28.900	0.0167	-2.5 to 2.5	Pass	
				15	4	2.600	0.0015	-2.5 to 2.5	Pass	
				25	4	-41.700	-0.0241	-2.5 to 2.5	Pass	
				35	4	25.700	0.0148	-2.5 to 2.5	Pass	
	1752.5	25	0	20	3.4	-12.300	-0.0070	-2.5 to 2.5	Pass	
					4	22.900	0.0131	-2.5 to 2.5	Pass	
					4.6	52.100	0.0297	-2.5 to 2.5	Pass	
				5	4	26.200	0.0150	-2.5 to 2.5	Pass	
				15	4	-27.500	-0.0157	-2.5 to 2.5	Pass	
				25	4	-3.600	-0.0021	-2.5 to 2.5	Pass	
				35	4	10.000	0.0057	-2.5 to 2.5	Pass	

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B003

10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.4	3.100	0.0018	-2.5 to 2.5	Pass
					4	-0.600	-0.0003	-2.5 to 2.5	Pass
					4.6	0.400	0.0002	-2.5 to 2.5	Pass
				5	4	1.800	0.0010	-2.5 to 2.5	Pass
				15	4	1.200	0.0007	-2.5 to 2.5	Pass
				25	4	1.900	0.0011	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	-0.100	-0.0001	-2.5 to 2.5	Pass
					4	4.600	0.0027	-2.5 to 2.5	Pass
					4.6	-0.700	-0.0004	-2.5 to 2.5	Pass
				5	4	1.600	0.0009	-2.5 to 2.5	Pass
				15	4	0.600	0.0003	-2.5 to 2.5	Pass
				25	4	2.000	0.0012	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	-1.500	-0.0009	-2.5 to 2.5	Pass
					4	-1.400	-0.0008	-2.5 to 2.5	Pass
					4.6	-3.400	-0.0019	-2.5 to 2.5	Pass
				5	4	-2.000	-0.0011	-2.5 to 2.5	Pass
				15	4	-1.800	-0.0010	-2.5 to 2.5	Pass
				25	4	-3.000	-0.0017	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.4	0.000	0.0000	-2.5 to 2.5	Pass
					4	-2.900	-0.0017	-2.5 to 2.5	Pass
					4.6	-2.000	-0.0012	-2.5 to 2.5	Pass
				5	4	-1.900	-0.0011	-2.5 to 2.5	Pass
				15	4	0.400	0.0002	-2.5 to 2.5	Pass
				25	4	1.100	0.0006	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	1.200	0.0007	-2.5 to 2.5	Pass
					4	2.000	0.0012	-2.5 to 2.5	Pass
					4.6	2.500	0.0014	-2.5 to 2.5	Pass
				5	4	1.100	0.0006	-2.5 to 2.5	Pass
				15	4	0.300	0.0002	-2.5 to 2.5	Pass
				25	4	-0.100	-0.0001	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	-1.400	-0.0008	-2.5 to 2.5	Pass
					4	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.6	-0.900	-0.0005	-2.5 to 2.5	Pass
				5	4	-1.100	-0.0006	-2.5 to 2.5	Pass
				15	4	-1.100	-0.0006	-2.5 to 2.5	Pass
				25	4	-1.000	-0.0006	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.4	18.300	0.0107	-2.5 to 2.5	Pass
					4	-8.700	-0.0051	-2.5 to 2.5	Pass
					4.6	-8.700	-0.0051	-2.5 to 2.5	Pass
				5	4	-19.200	-0.0112	-2.5 to 2.5	Pass
				15	4	18.900	0.0110	-2.5 to 2.5	Pass
				25	4	-19.700	-0.0115	-2.5 to 2.5	Pass



Test Report No.: RF260330B003

	1732.5	50	0	35	4	-36.500	-0.0213	-2.5 to 2.5	Pass
				20	3.4	-7.400	-0.0043	-2.5 to 2.5	Pass
					4	-8.800	-0.0051	-2.5 to 2.5	Pass
					4.6	31.200	0.0180	-2.5 to 2.5	Pass
				5	4	-3.100	-0.0018	-2.5 to 2.5	Pass
				15	4	16.400	0.0095	-2.5 to 2.5	Pass
				25	4	17.100	0.0099	-2.5 to 2.5	Pass
				35	4	17.600	0.0102	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	2.700	0.0015	-2.5 to 2.5	Pass
					4	-2.300	-0.0013	-2.5 to 2.5	Pass
					4.6	-16.000	-0.0091	-2.5 to 2.5	Pass
				5	4	-8.500	-0.0049	-2.5 to 2.5	Pass
				15	4	13.800	0.0079	-2.5 to 2.5	Pass
				25	4	8.000	0.0046	-2.5 to 2.5	Pass
				35	4	-3.900	-0.0022	-2.5 to 2.5	Pass

15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					4	-0.600	-0.0003	-2.5 to 2.5	Pass
					4.6	1.400	0.0008	-2.5 to 2.5	Pass
				5	4	0.500	0.0003	-2.5 to 2.5	Pass
				15	4	0.600	0.0003	-2.5 to 2.5	Pass
				25	4	3.200	0.0019	-2.5 to 2.5	Pass
				35	4	0.400	0.0002	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	0.600	0.0003	-2.5 to 2.5	Pass
					4	1.100	0.0006	-2.5 to 2.5	Pass
					4.6	-0.400	-0.0002	-2.5 to 2.5	Pass
				5	4	1.500	0.0009	-2.5 to 2.5	Pass
				15	4	-0.400	-0.0002	-2.5 to 2.5	Pass
				25	4	-0.200	-0.0001	-2.5 to 2.5	Pass
				35	4	-0.500	-0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	-0.600	-0.0003	-2.5 to 2.5	Pass
					4	1.100	0.0006	-2.5 to 2.5	Pass
					4.6	0.100	0.0001	-2.5 to 2.5	Pass
				5	4	-1.000	-0.0006	-2.5 to 2.5	Pass
				15	4	-0.500	-0.0003	-2.5 to 2.5	Pass
				25	4	-1.000	-0.0006	-2.5 to 2.5	Pass
				35	4	1.300	0.0007	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.4	-0.200	-0.0001	-2.5 to 2.5	Pass
					4	-0.600	-0.0003	-2.5 to 2.5	Pass
					4.6	-0.100	-0.0001	-2.5 to 2.5	Pass
				5	4	0.300	0.0002	-2.5 to 2.5	Pass
				15	4	1.100	0.0006	-2.5 to 2.5	Pass
				25	4	2.500	0.0015	-2.5 to 2.5	Pass
				35	4	0.900	0.0005	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	2.900	0.0017	-2.5 to 2.5	Pass
					4	2.600	0.0015	-2.5 to 2.5	Pass
					4.6	1.600	0.0009	-2.5 to 2.5	Pass
				5	4	0.000	0.0000	-2.5 to 2.5	Pass
				15	4	0.600	0.0003	-2.5 to 2.5	Pass



Test Report No.: RF260330B003

64QAM	1747.5	75	0	25	4	-0.100	-0.0001	-2.5 to 2.5	Pass
				35	4	0.500	0.0003	-2.5 to 2.5	Pass
				20	3.4	0.600	0.0003	-2.5 to 2.5	Pass
					4	0.700	0.0004	-2.5 to 2.5	Pass
					4.6	0.400	0.0002	-2.5 to 2.5	Pass
				5	4	1.600	0.0009	-2.5 to 2.5	Pass
				15	4	2.000	0.0011	-2.5 to 2.5	Pass
				25	4	-0.200	-0.0001	-2.5 to 2.5	Pass
				35	4	-0.600	-0.0003	-2.5 to 2.5	Pass
	1717.5	75	0	20	3.4	-1.800	-0.0010	-2.5 to 2.5	Pass
					4	-0.600	-0.0003	-2.5 to 2.5	Pass
					4.6	-5.800	-0.0034	-2.5 to 2.5	Pass
				5	4	0.100	0.0001	-2.5 to 2.5	Pass
				15	4	-1.200	-0.0007	-2.5 to 2.5	Pass
				25	4	1.400	0.0008	-2.5 to 2.5	Pass
				35	4	-13.900	-0.0081	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	-12.900	-0.0074	-2.5 to 2.5	Pass
					4	14.000	0.0081	-2.5 to 2.5	Pass
					4.6	14.600	0.0084	-2.5 to 2.5	Pass
				5	4	-4.300	-0.0025	-2.5 to 2.5	Pass
				15	4	-4.000	-0.0023	-2.5 to 2.5	Pass
				25	4	19.700	0.0114	-2.5 to 2.5	Pass
				35	4	-1.300	-0.0008	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	14.800	0.0085	-2.5 to 2.5	Pass
					4	-3.600	-0.0021	-2.5 to 2.5	Pass
					4.6	21.600	0.0124	-2.5 to 2.5	Pass
				5	4	5.000	0.0029	-2.5 to 2.5	Pass
				15	4	-14.600	-0.0084	-2.5 to 2.5	Pass
				25	4	-4.500	-0.0026	-2.5 to 2.5	Pass
				35	4	-3.700	-0.0021	-2.5 to 2.5	Pass

20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.4	-3.000	-0.0017	-2.5 to 2.5	Pass
					4	-2.200	-0.0013	-2.5 to 2.5	Pass
					4.6	-3.900	-0.0023	-2.5 to 2.5	Pass
				5	4	-2.900	-0.0017	-2.5 to 2.5	Pass
				15	4	-3.700	-0.0022	-2.5 to 2.5	Pass
				25	4	-3.300	-0.0019	-2.5 to 2.5	Pass
				35	4	-2.600	-0.0015	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	1.400	0.0008	-2.5 to 2.5	Pass
					4	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.6	0.600	0.0003	-2.5 to 2.5	Pass
				5	4	0.300	0.0002	-2.5 to 2.5	Pass
				15	4	0.600	0.0003	-2.5 to 2.5	Pass
				25	4	0.800	0.0005	-2.5 to 2.5	Pass
				35	4	1.300	0.0008	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-3.200	-0.0018	-2.5 to 2.5	Pass
					4	-1.900	-0.0011	-2.5 to 2.5	Pass
					4.6	0.000	0.0000	-2.5 to 2.5	Pass
				5	4	-1.400	-0.0008	-2.5 to 2.5	Pass

Test Report No.: RF260330B003

16QAM	1720	100	0	15	4	-1.100	-0.0006	-2.5 to 2.5	Pass
				25	4	-1.400	-0.0008	-2.5 to 2.5	Pass
				35	4	-3.200	-0.0018	-2.5 to 2.5	Pass
				20	3.4	-2.000	-0.0012	-2.5 to 2.5	Pass
					4	-3.000	-0.0017	-2.5 to 2.5	Pass
					4.6	-1.500	-0.0009	-2.5 to 2.5	Pass
				5	4	-0.900	-0.0005	-2.5 to 2.5	Pass
				15	4	-4.100	-0.0024	-2.5 to 2.5	Pass
				25	4	-5.000	-0.0029	-2.5 to 2.5	Pass
				35	4	-2.400	-0.0014	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	1.100	0.0006	-2.5 to 2.5	Pass
					4	0.800	0.0005	-2.5 to 2.5	Pass
					4.6	-1.200	-0.0007	-2.5 to 2.5	Pass
				5	4	0.500	0.0003	-2.5 to 2.5	Pass
				15	4	1.300	0.0008	-2.5 to 2.5	Pass
				25	4	0.700	0.0004	-2.5 to 2.5	Pass
				35	4	0.900	0.0005	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-1.700	-0.0010	-2.5 to 2.5	Pass
					4	-3.400	-0.0019	-2.5 to 2.5	Pass
					4.6	-0.800	-0.0005	-2.5 to 2.5	Pass
				5	4	-1.800	-0.0010	-2.5 to 2.5	Pass
				15	4	-0.800	-0.0005	-2.5 to 2.5	Pass
				25	4	-3.100	-0.0018	-2.5 to 2.5	Pass
				35	4	-4.600	-0.0026	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.4	-11.400	-0.0066	-2.5 to 2.5	Pass
					4	-2.300	-0.0013	-2.5 to 2.5	Pass
					4.6	-10.400	-0.0060	-2.5 to 2.5	Pass
				5	4	4.400	0.0026	-2.5 to 2.5	Pass
				15	4	7.000	0.0041	-2.5 to 2.5	Pass
				25	4	-8.800	-0.0051	-2.5 to 2.5	Pass
				35	4	-0.200	-0.0001	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	-0.300	-0.0002	-2.5 to 2.5	Pass
					4	-0.500	-0.0003	-2.5 to 2.5	Pass
					4.6	2.400	0.0014	-2.5 to 2.5	Pass
				5	4	2.200	0.0013	-2.5 to 2.5	Pass
				15	4	2.700	0.0016	-2.5 to 2.5	Pass
				25	4	4.400	0.0025	-2.5 to 2.5	Pass
				35	4	-10.500	-0.0061	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-8.000	-0.0046	-2.5 to 2.5	Pass
					4	-11.200	-0.0064	-2.5 to 2.5	Pass
					4.6	-6.700	-0.0038	-2.5 to 2.5	Pass
				5	4	-4.700	-0.0027	-2.5 to 2.5	Pass
				15	4	1.200	0.0007	-2.5 to 2.5	Pass
				25	4	15.100	0.0087	-2.5 to 2.5	Pass
				35	4	-0.400	-0.0002	-2.5 to 2.5	Pass



Test Report No.: RF260330B003

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.106	/	Pass
		1732.5	6	0	1.105	/	Pass
		1754.3	6	0	1.110	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.109	/	Pass
	64QAM	1710.7	6	0	1.106	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.106	/	Pass
3	QPSK	1711.5	15	0	2.753	/	Pass
		1732.5	15	0	2.745	/	Pass
		1753.5	15	0	2.758	/	Pass
	16QAM	1711.5	15	0	2.760	/	Pass
		1732.5	15	0	2.743	/	Pass
		1753.5	15	0	2.743	/	Pass
	64QAM	1711.5	15	0	2.743	/	Pass
		1732.5	15	0	2.746	/	Pass
		1753.5	15	0	2.739	/	Pass
5	QPSK	1712.5	25	0	4.513	/	Pass
		1732.5	25	0	4.523	/	Pass
		1752.5	25	0	4.510	/	Pass
	16QAM	1712.5	25	0	4.520	/	Pass
		1732.5	25	0	4.524	/	Pass
		1752.5	25	0	4.524	/	Pass
	64QAM	1712.5	25	0	4.530	/	Pass
		1732.5	25	0	4.509	/	Pass
		1752.5	25	0	4.527	/	Pass
10	QPSK	1715	50	0	9.025	/	Pass
		1732.5	50	0	9.004	/	Pass
		1750	50	0	9.016	/	Pass
	16QAM	1715	50	0	8.995	/	Pass
		1732.5	50	0	9.006	/	Pass
		1750	50	0	9.012	/	Pass
	64QAM	1715	50	0	8.993	/	Pass
		1732.5	50	0	8.993	/	Pass
		1750	50	0	9.028	/	Pass
15	QPSK	1717.5	75	0	13.490	/	Pass
		1732.5	75	0	13.458	/	Pass
		1747.5	75	0	13.514	/	Pass
	16QAM	1717.5	75	0	13.544	/	Pass
		1732.5	75	0	13.464	/	Pass
		1747.5	75	0	13.477	/	Pass
	64QAM	1717.5	75	0	13.467	/	Pass
		1732.5	75	0	13.483	/	Pass



Test Report No.: RF260330B003

		1747.5	75	0	13.527	/	Pass
20	QPSK	1720	100	0	18.088	/	Pass
		1732.5	100	0	18.000	/	Pass
		1745	100	0	17.994	/	Pass
	16QAM	1720	100	0	18.030	/	Pass
		1732.5	100	0	18.025	/	Pass
		1745	100	0	17.970	/	Pass
	64QAM	1720	100	0	18.059	/	Pass
		1732.5	100	0	18.048	/	Pass
		1745	100	0	18.021	/	Pass

XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.408	/	Pass
		1732.5	6	0	1.402	/	Pass
		1754.3	6	0	1.400	/	Pass
	16QAM	1710.7	6	0	1.431	/	Pass
		1732.5	6	0	1.509	/	Pass
		1754.3	6	0	1.431	/	Pass
	64QAM	1710.7	6	0	1.379	/	Pass
		1732.5	6	0	1.457	/	Pass
3	QPSK	1711.5	15	0	3.175	/	Pass
		1732.5	15	0	3.154	/	Pass
		1753.5	15	0	3.146	/	Pass
	16QAM	1711.5	15	0	3.147	/	Pass
		1732.5	15	0	3.146	/	Pass
		1753.5	15	0	3.116	/	Pass
	64QAM	1711.5	15	0	3.171	/	Pass
		1732.5	15	0	3.155	/	Pass
5	QPSK	1712.5	25	0	5.162	/	Pass
		1732.5	25	0	5.164	/	Pass
		1752.5	25	0	5.236	/	Pass
	16QAM	1712.5	25	0	5.179	/	Pass
		1732.5	25	0	5.197	/	Pass
		1752.5	25	0	5.147	/	Pass
	64QAM	1712.5	25	0	5.185	/	Pass
		1732.5	25	0	5.145	/	Pass
10	QPSK	1715	50	0	9.916	/	Pass
		1732.5	50	0	9.935	/	Pass
		1750	50	0	10.016	/	Pass
	16QAM	1715	50	0	9.951	/	Pass
		1732.5	50	0	9.988	/	Pass
		1750	50	0	9.977	/	Pass
	64QAM	1715	50	0	10.054	/	Pass
		1732.5	50	0	9.956	/	Pass
15	QPSK	1717.5	75	0	15.029	/	Pass
		1732.5	75	0	14.774	/	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B003

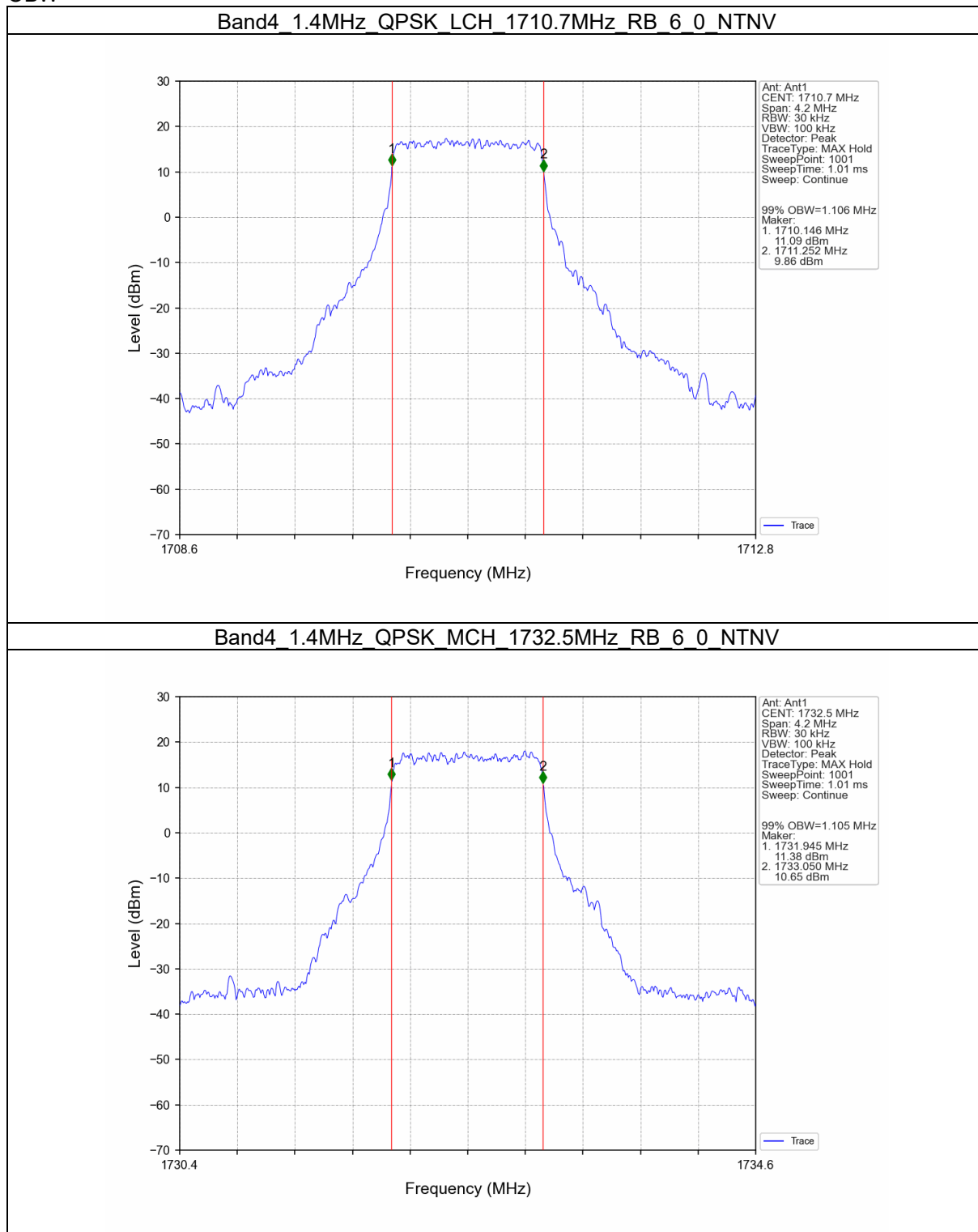
	16QAM	1747.5	75	0	14.660	/	Pass
		1717.5	75	0	14.839	/	Pass
		1732.5	75	0	14.528	/	Pass
		1747.5	75	0	14.914	/	Pass
	64QAM	1717.5	75	0	14.867	/	Pass
		1732.5	75	0	14.659	/	Pass
		1747.5	75	0	14.927	/	Pass
20	QPSK	1720	100	0	19.796	/	Pass
		1732.5	100	0	19.903	/	Pass
		1745	100	0	19.889	/	Pass
	16QAM	1720	100	0	19.776	/	Pass
		1732.5	100	0	19.926	/	Pass
		1745	100	0	19.843	/	Pass
	64QAM	1720	100	0	19.820	/	Pass
		1732.5	100	0	19.594	/	Pass
		1745	100	0	19.743	/	Pass



Test Report No.: RF260330B003

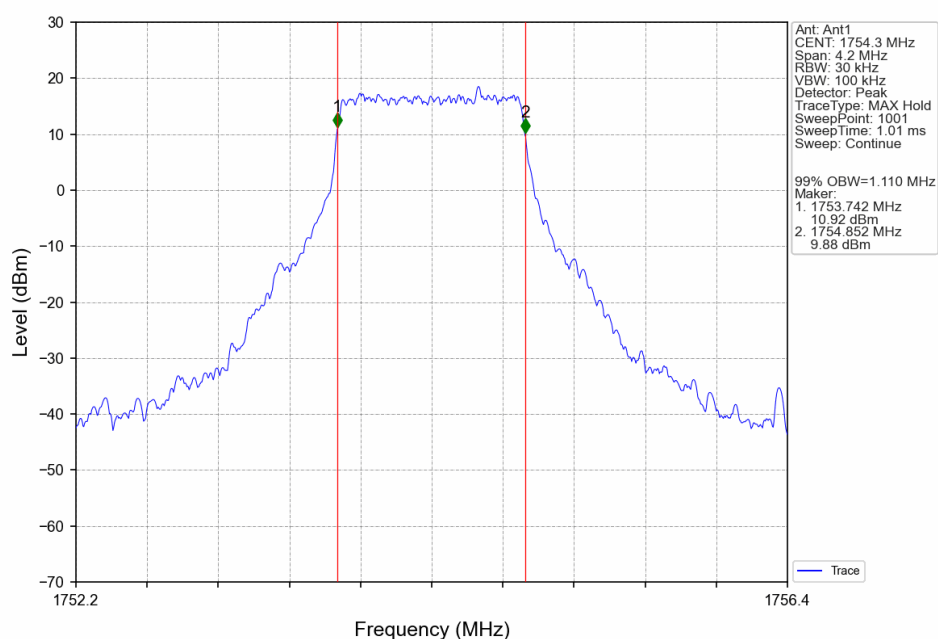
Test Graph

OBW

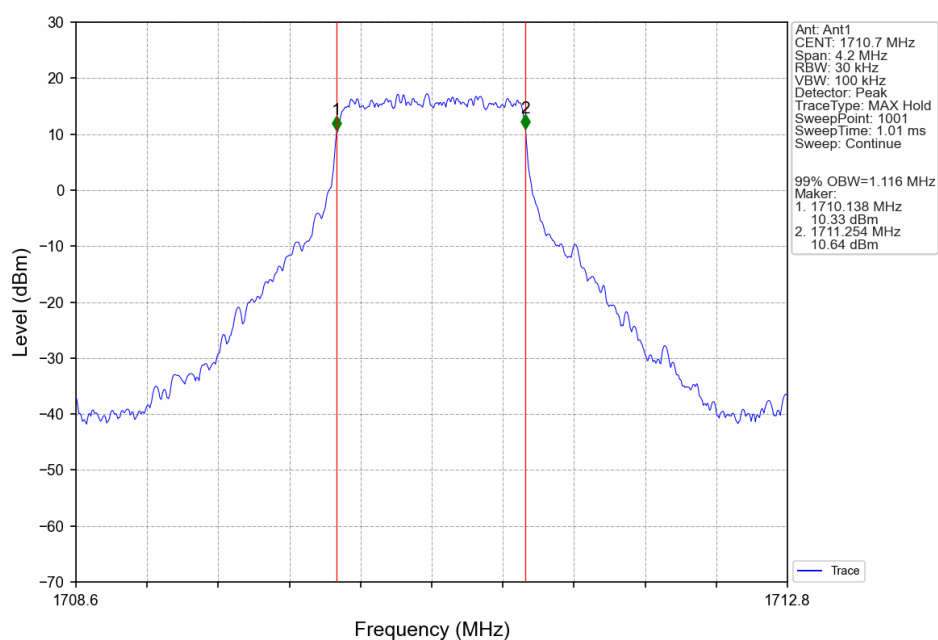


Test Report No.: RF260330B003

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

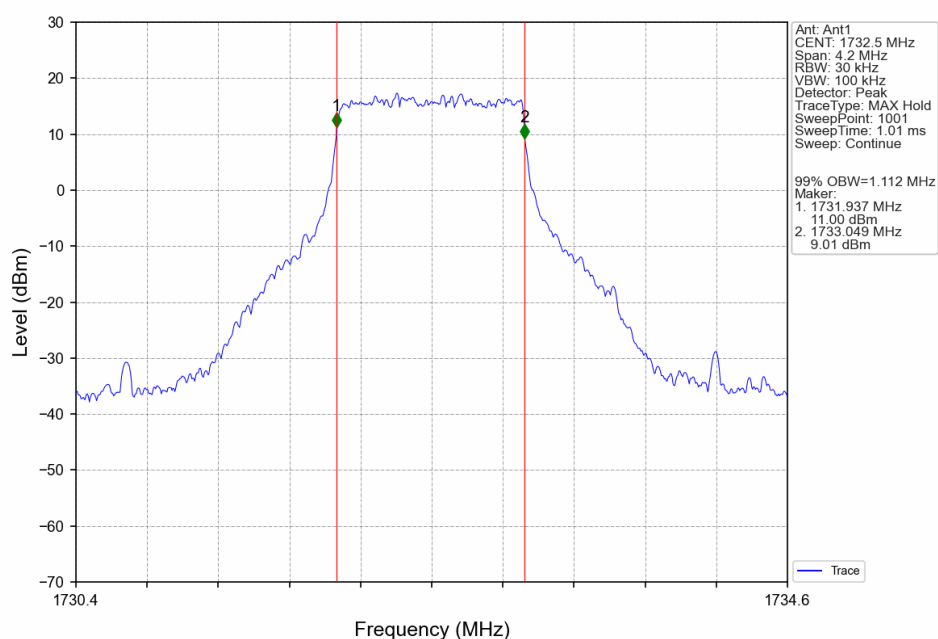


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

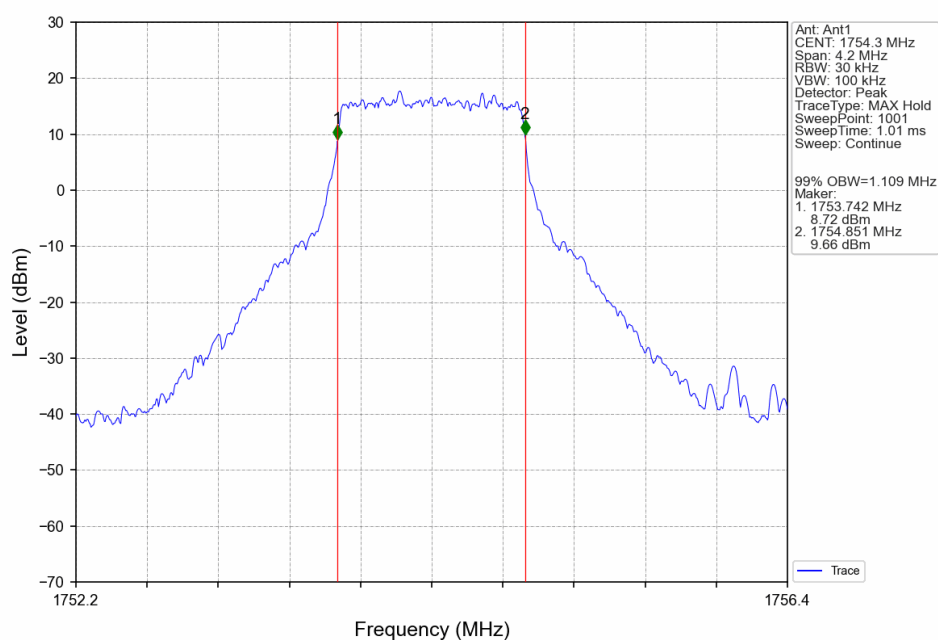


Test Report No.: RF260330B003

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



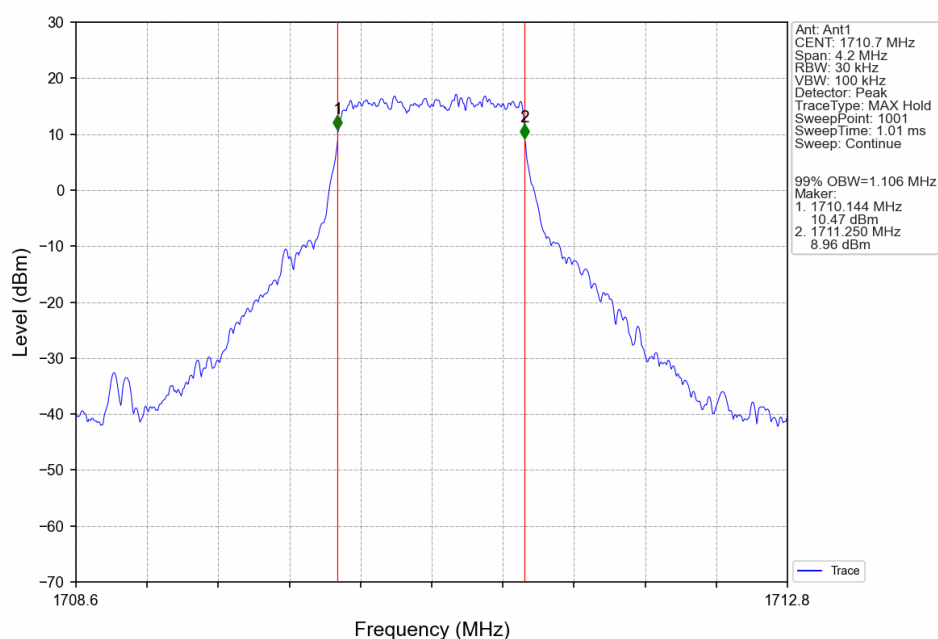
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



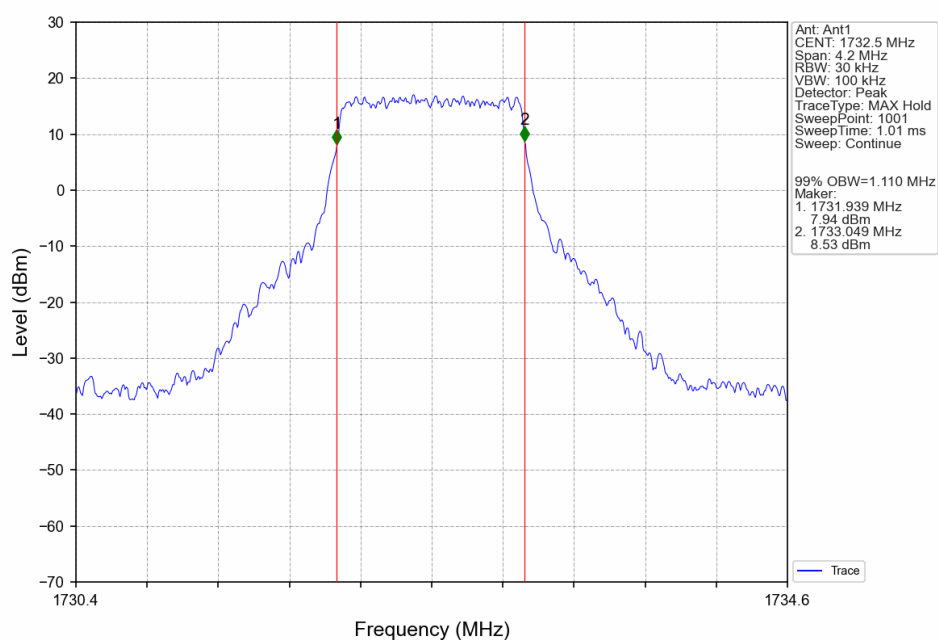


Test Report No.: RF260330B003

Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



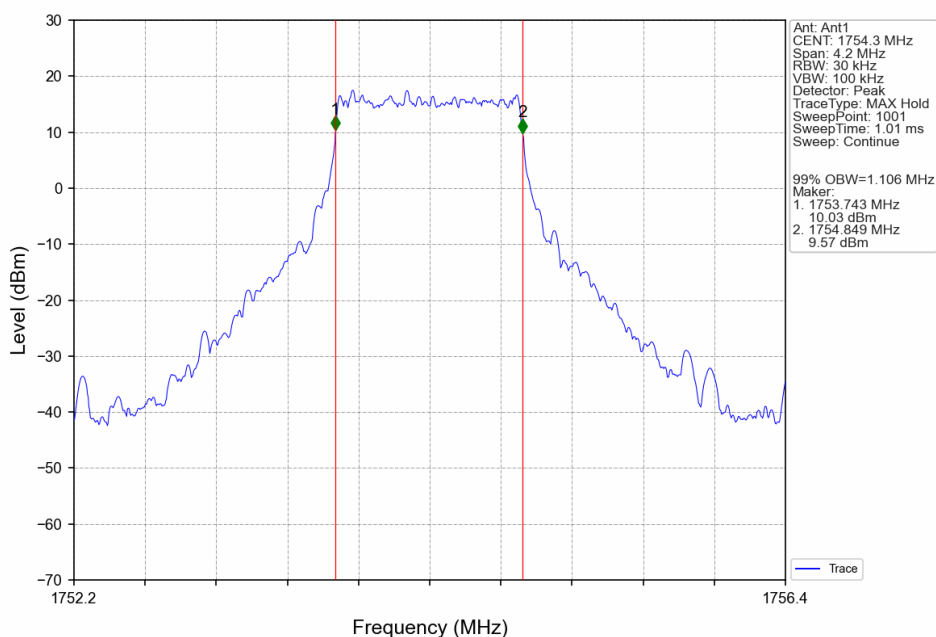
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



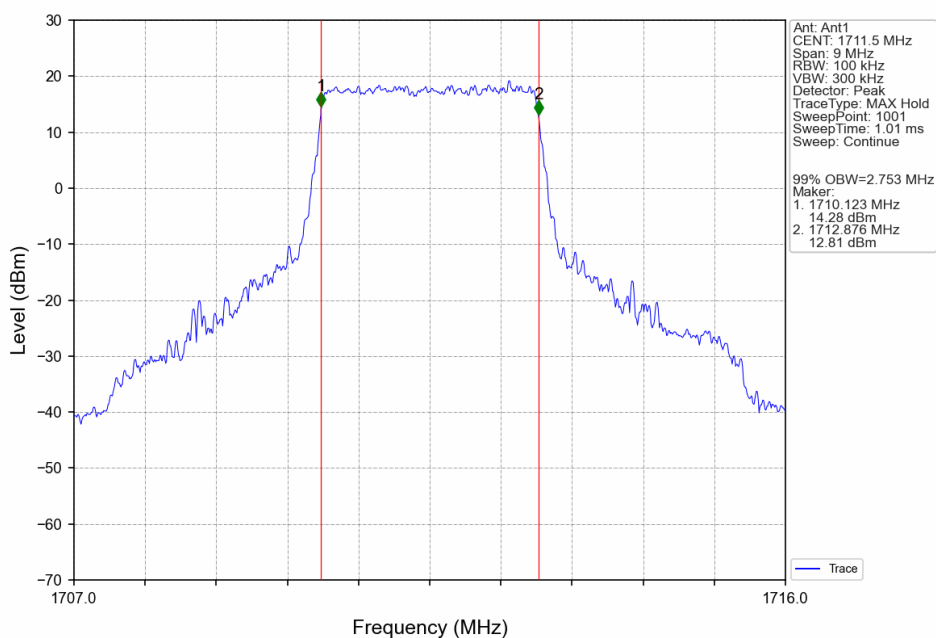


Test Report No.: RF260330B003

Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV

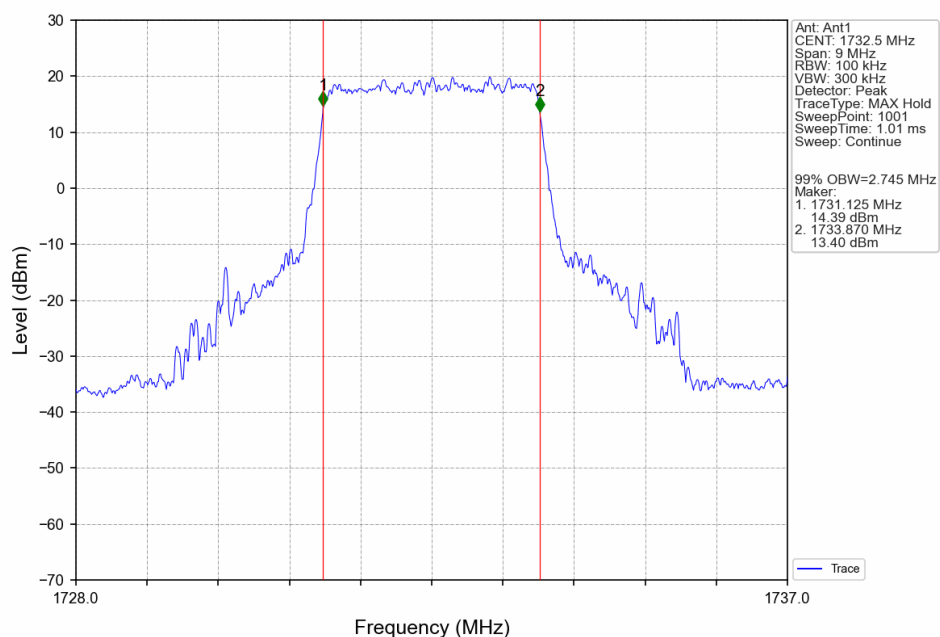


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

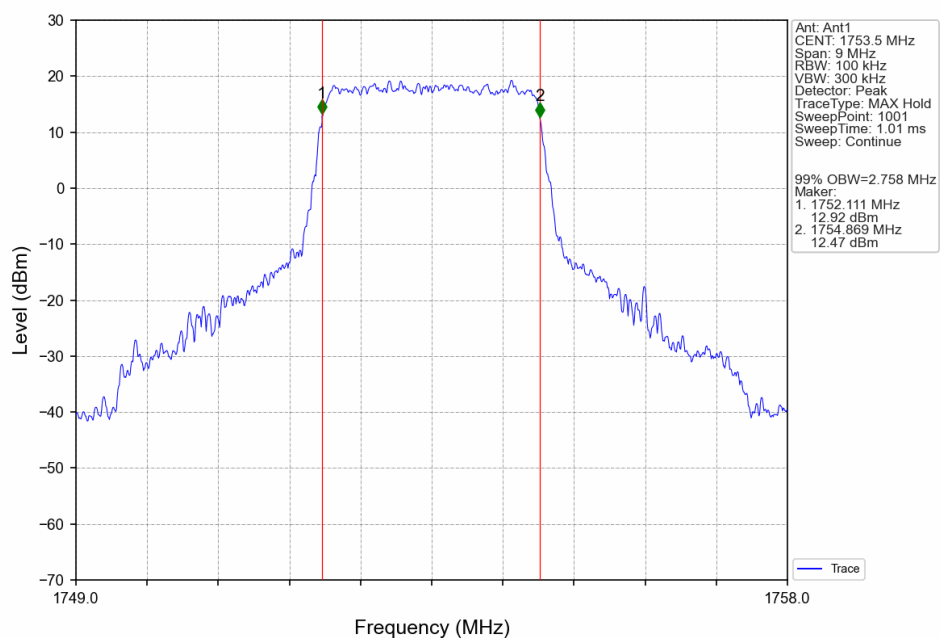


Test Report No.: RF260330B003

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



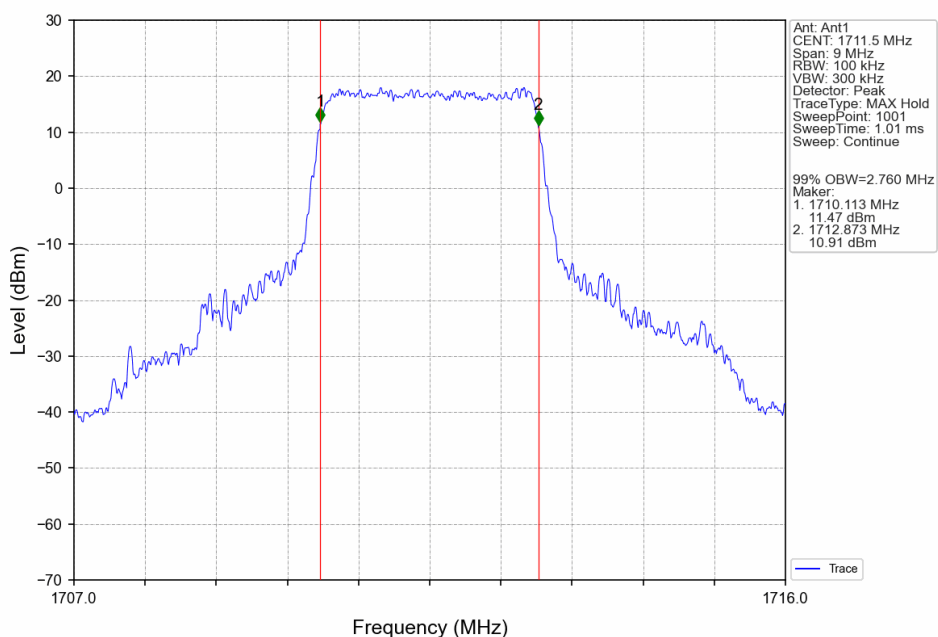
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



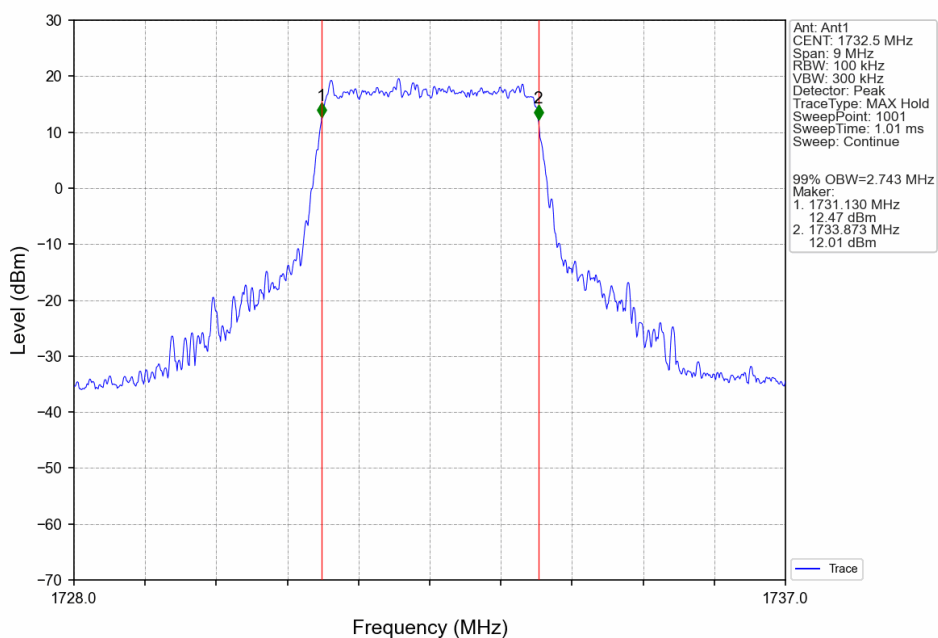


Test Report No.: RF260330B003

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

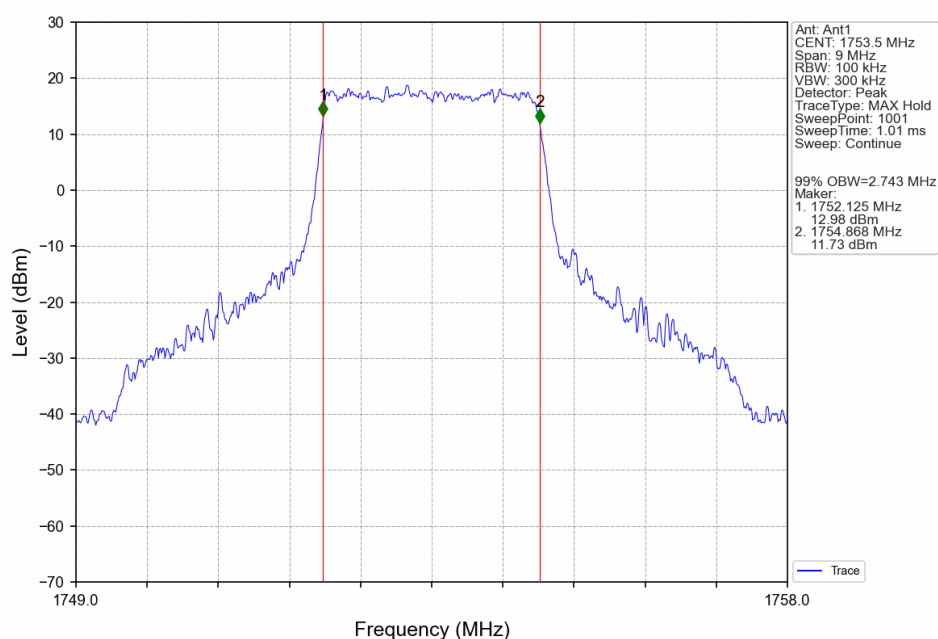


Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

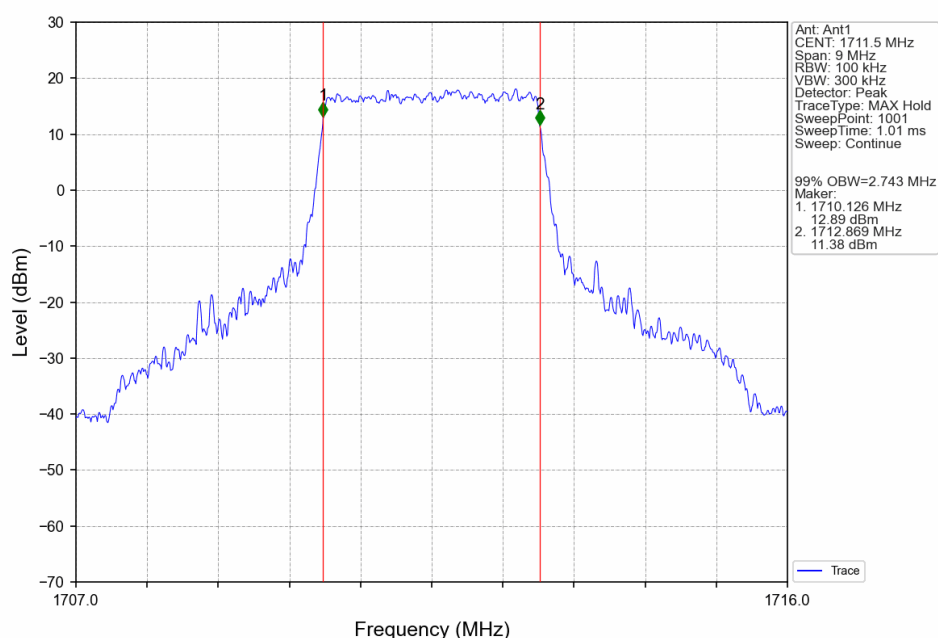


Test Report No.: RF260330B003

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

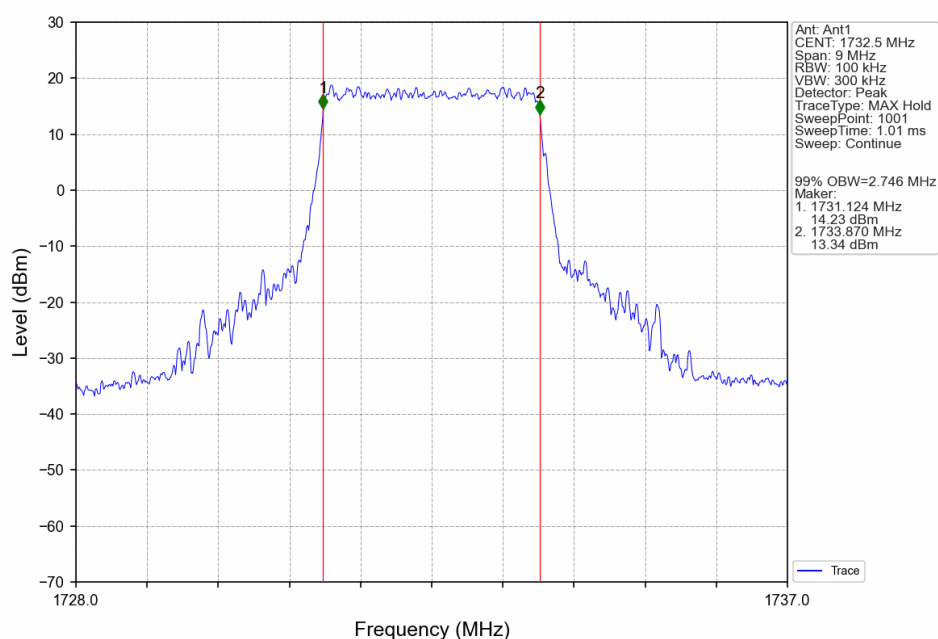


Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV

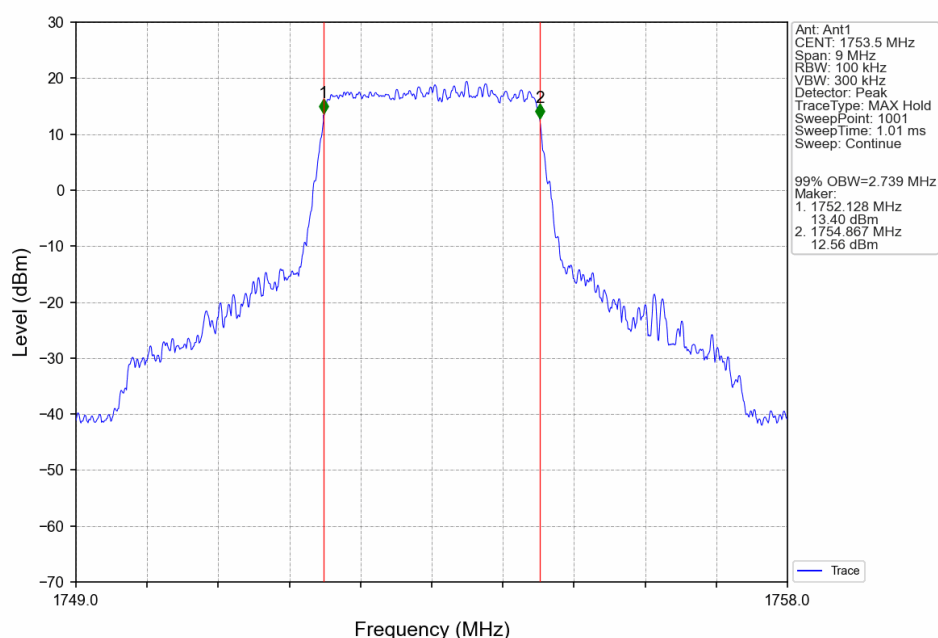


Test Report No.: RF260330B003

Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



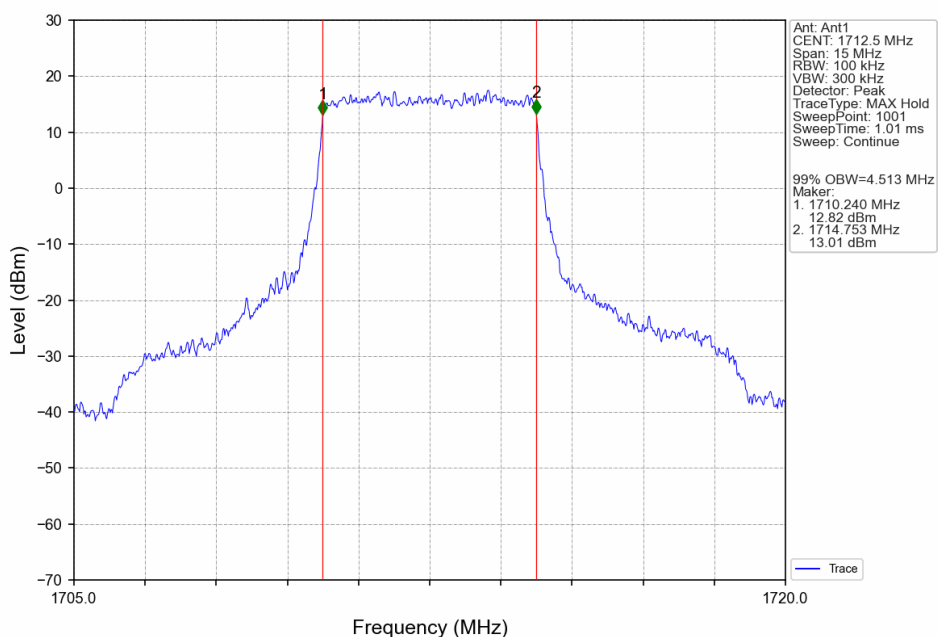
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



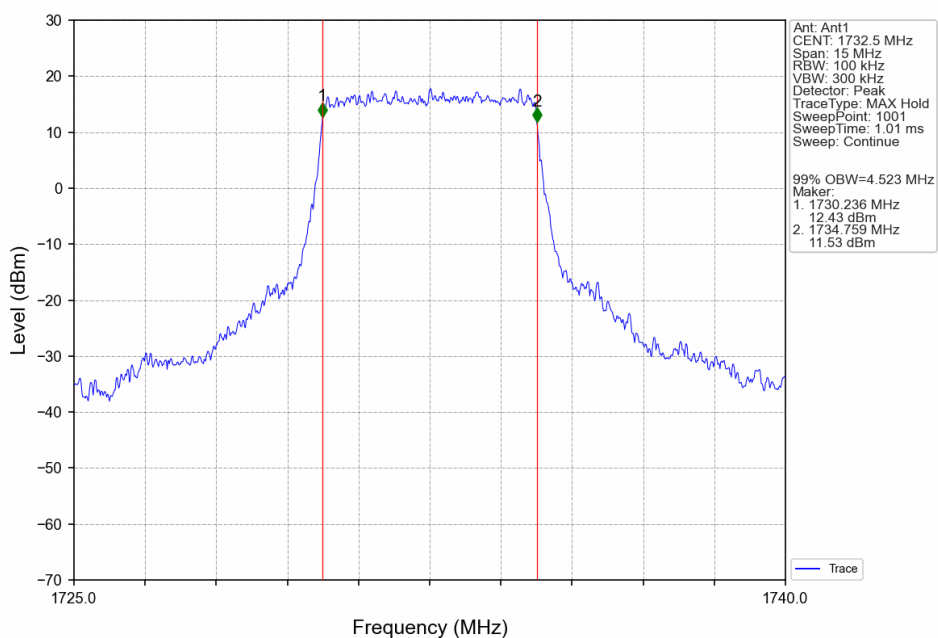


Test Report No.: RF260330B003

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



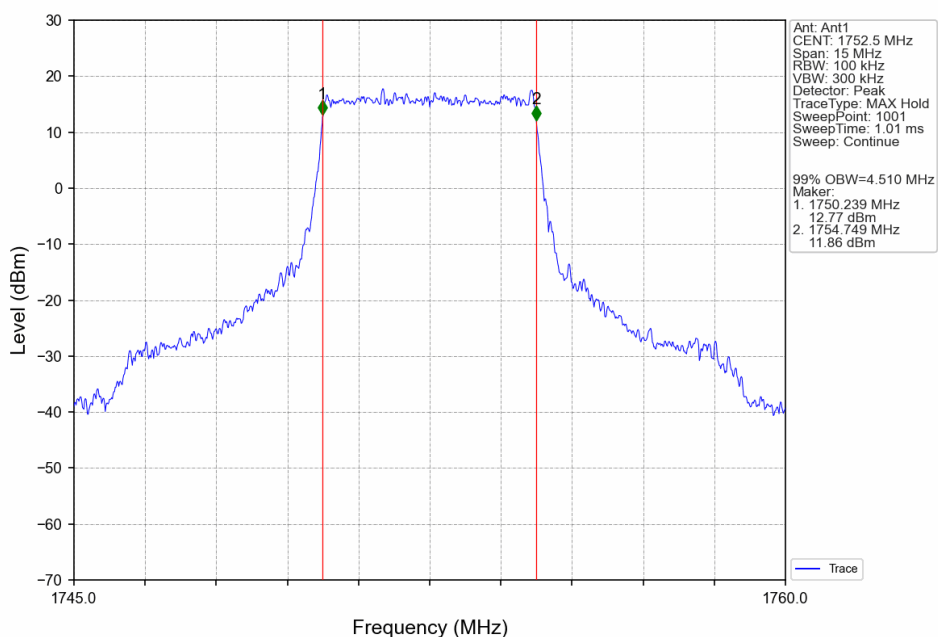
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



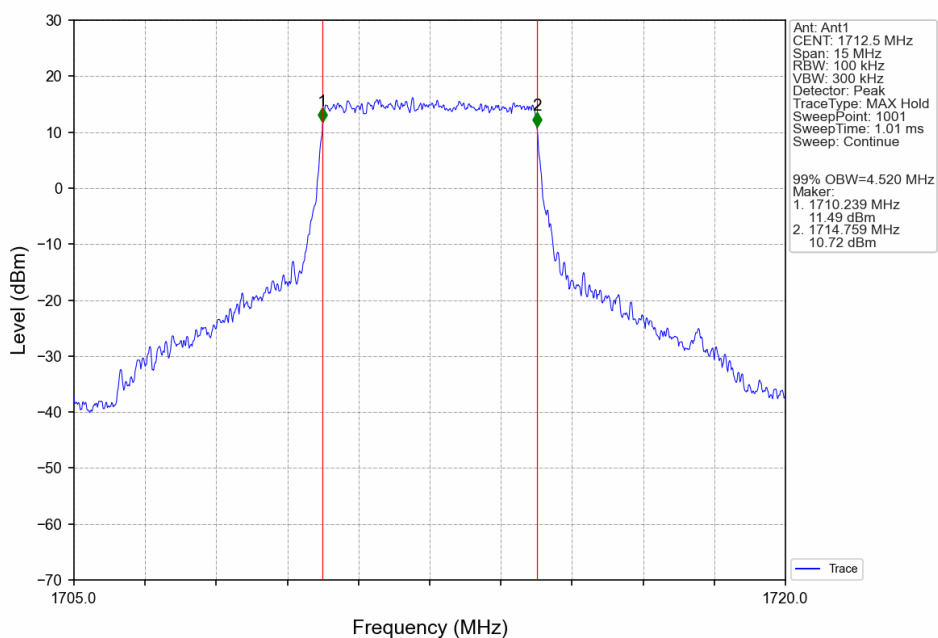


Test Report No.: RF260330B003

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



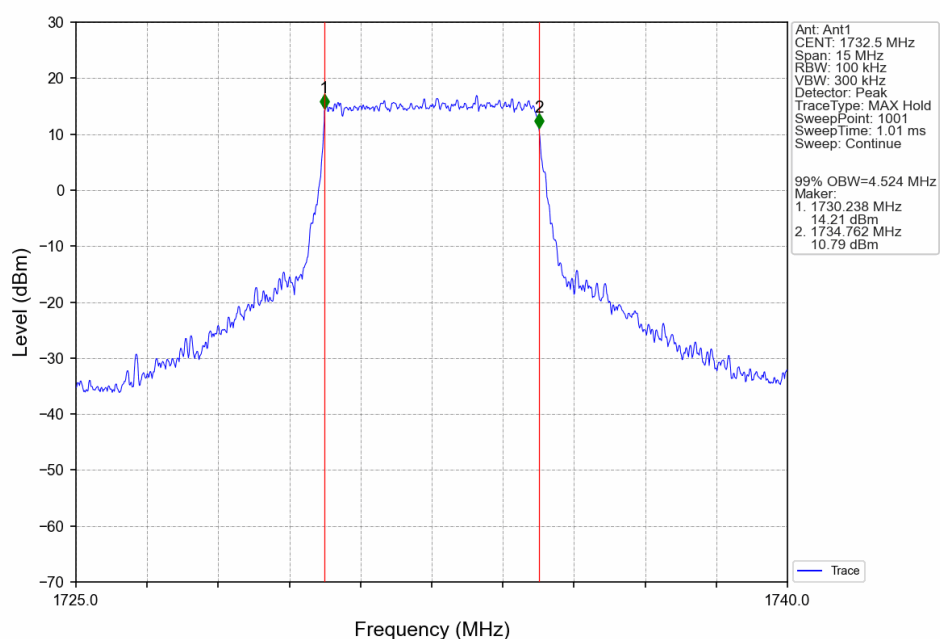
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



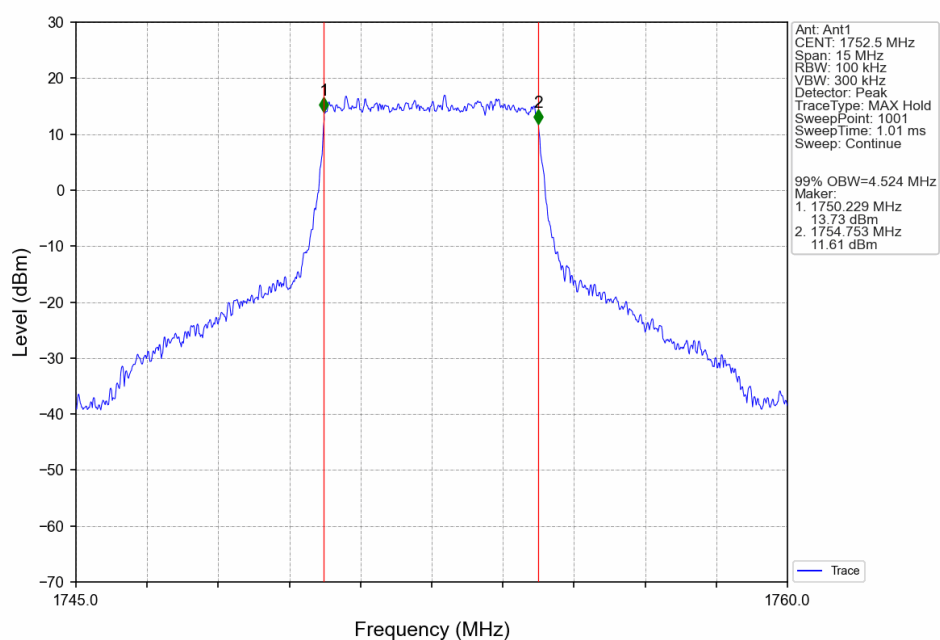


Test Report No.: RF260330B003

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



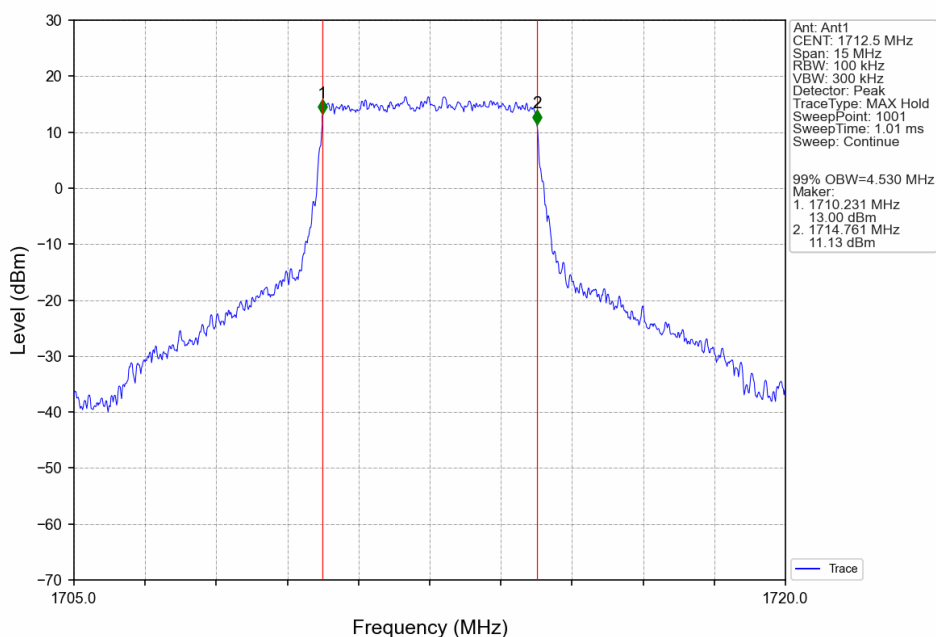
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



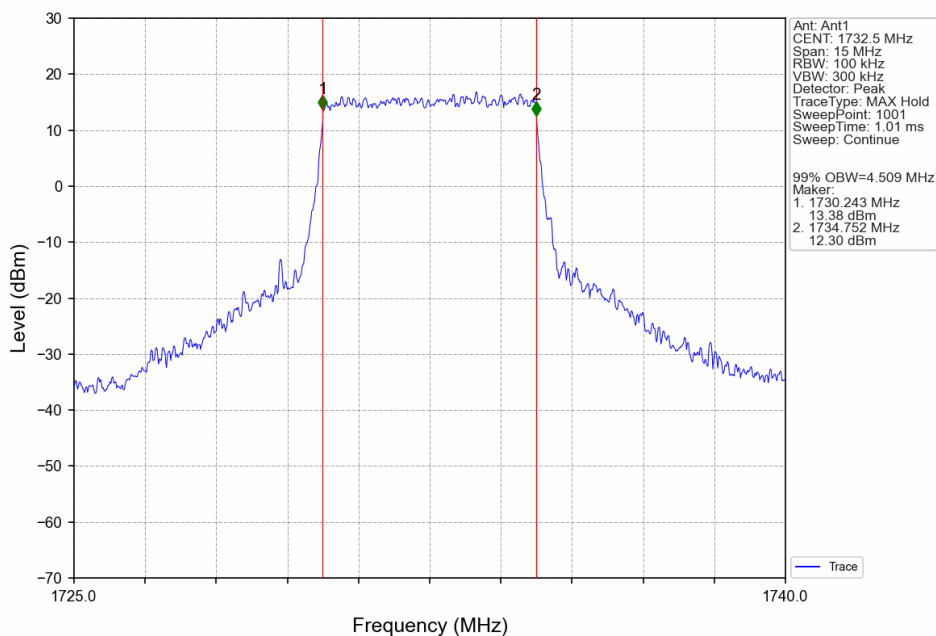


Test Report No.: RF260330B003

Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



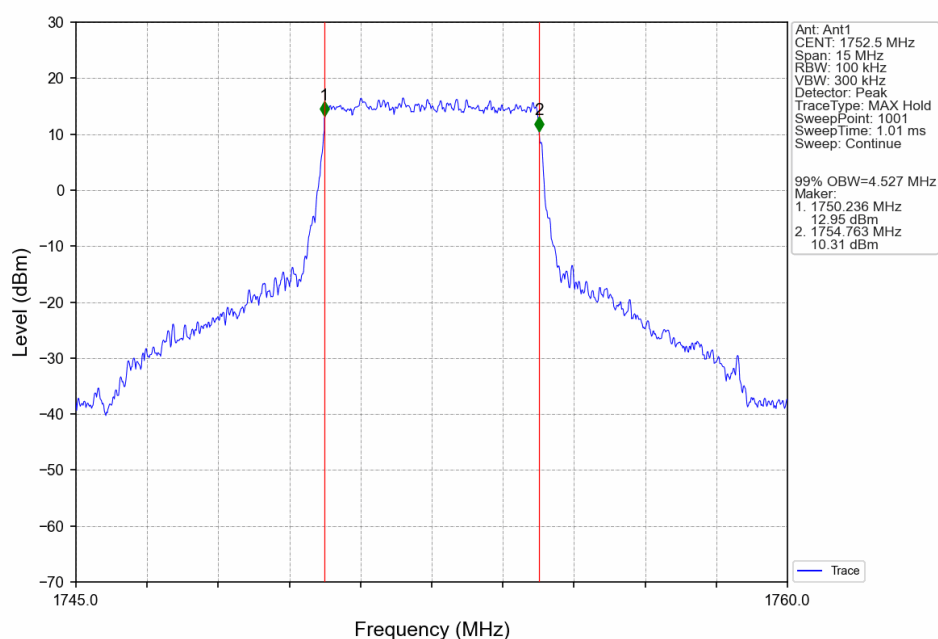
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



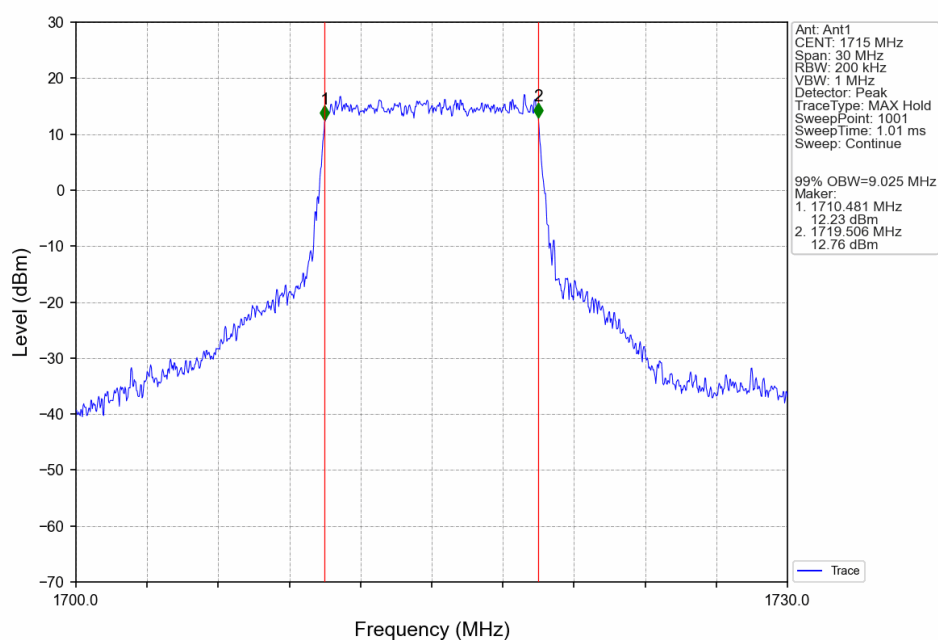


Test Report No.: RF260330B003

Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



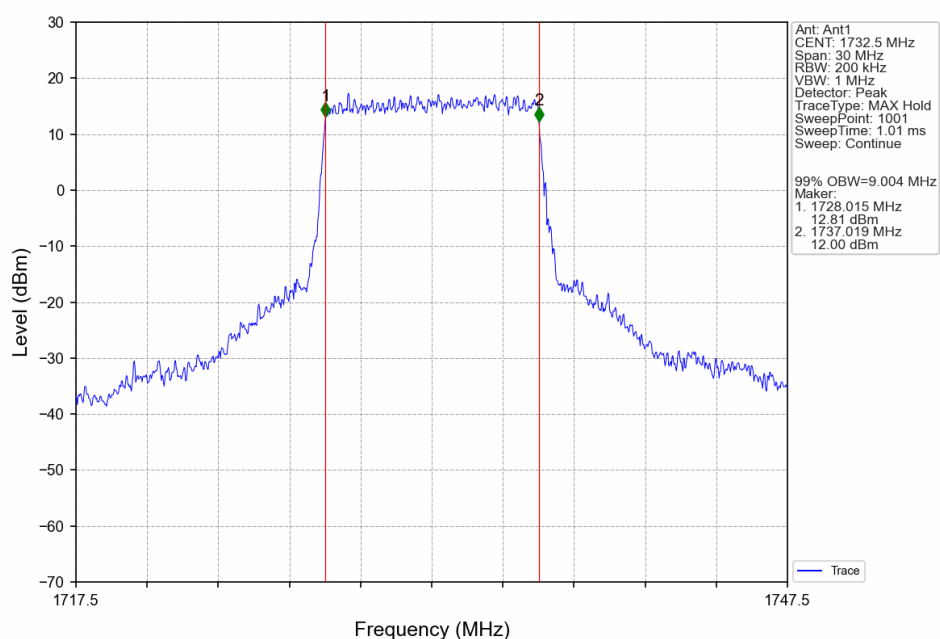
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



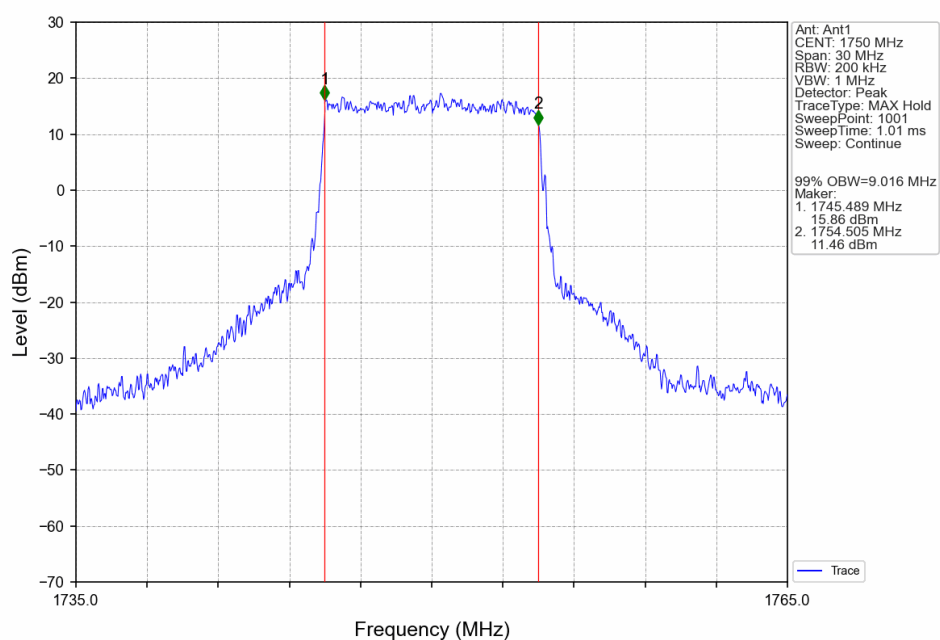


Test Report No.: RF260330B003

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



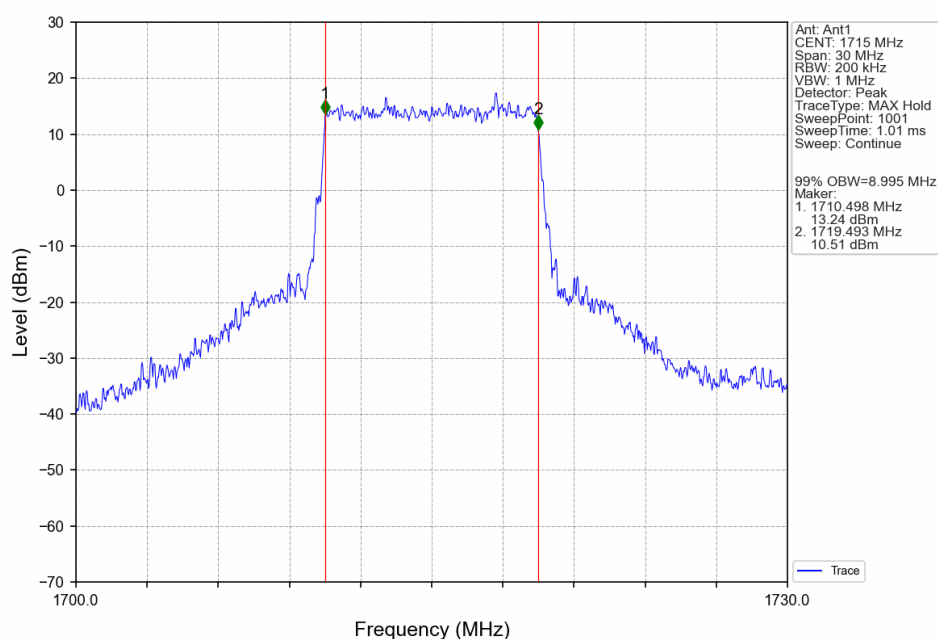
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



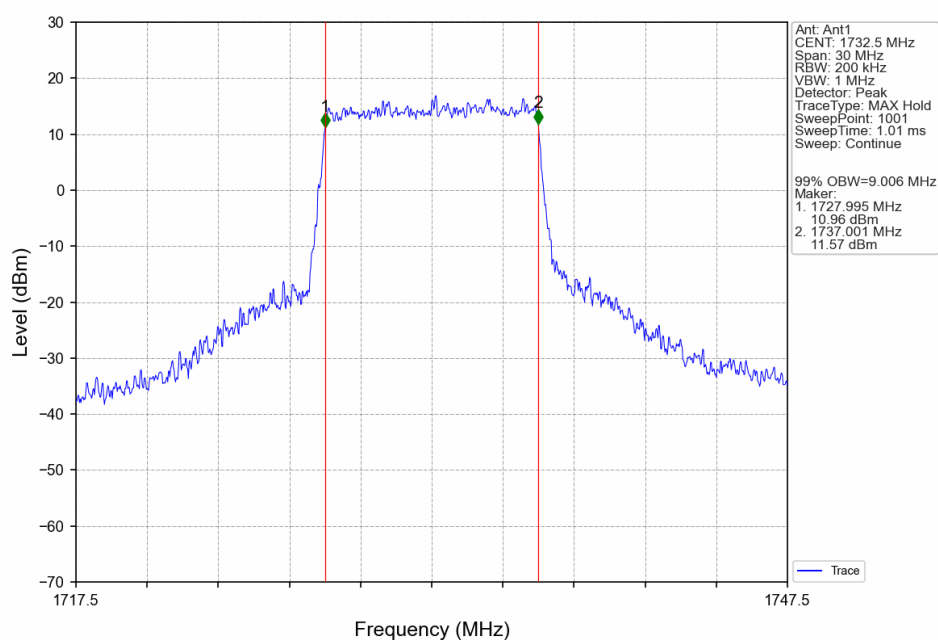


Test Report No.: RF260330B003

Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



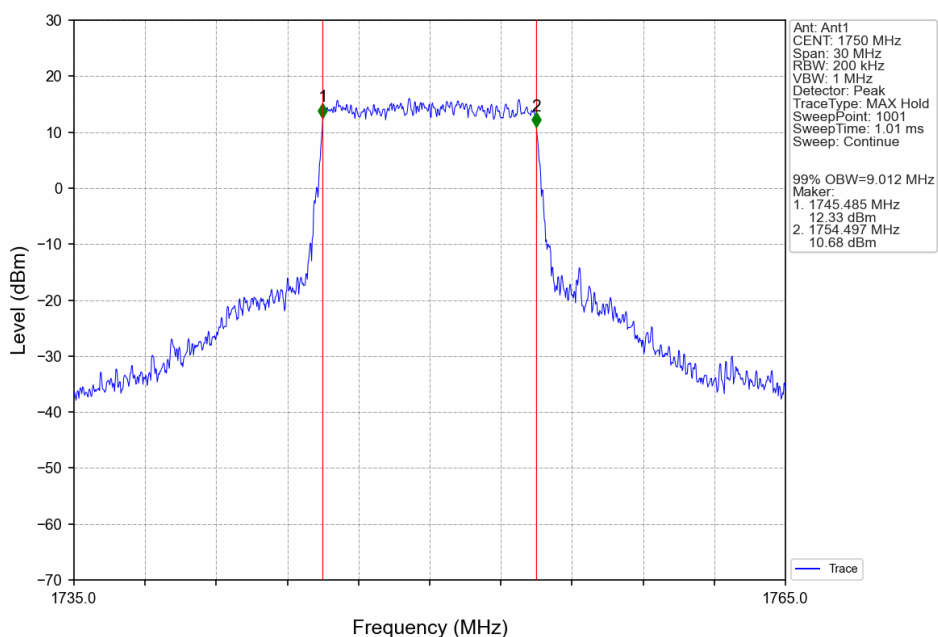
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



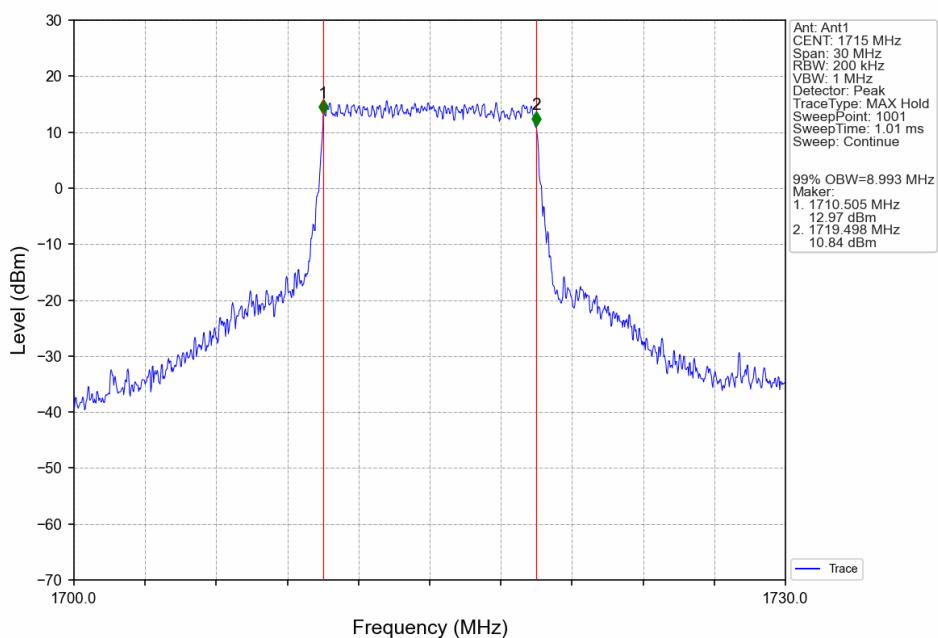


Test Report No.: RF260330B003

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

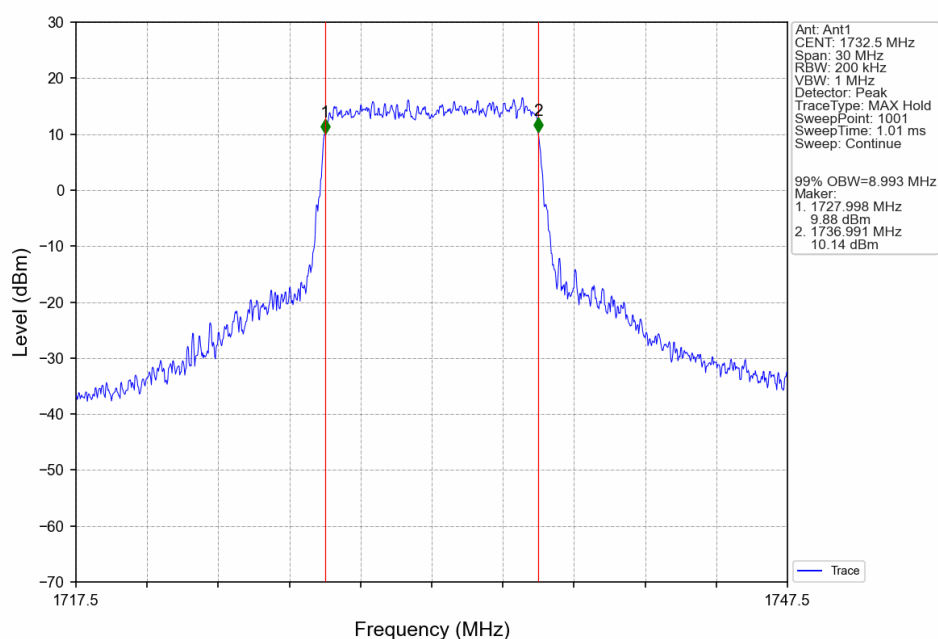


Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Test Report No.: RF260330B003

Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV

