

Partial FCC Test Report

(Part 27 – WCDMA B4, LTE B4/B7/B12/B13/B17/B30/B38/B41/B66/B71)

Report No.: RFBASM-WTW-P21060063-2

FCC ID: QYLEM9190K

Test Model: EM9190

Received Date: Jun. 02, 2021

Test Date: Jun. 23 ~ Jul. 13, 2021

Issued Date: Nov. 16, 2021

Applicant: Getac Technology Corporation.

Address: 5F., Building A, No. 209, Sec.1, Nangang Rd., Nangang Dist., Taipei City
11568, Taiwan, R.O.C.

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location: B2F., No.215, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City 231, Taiwan

FCC Registration / 427177 / TW0011

Designation Number:



This report is for your exclusive use. 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. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, 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. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification.

Table of Contents

Release Control Record	3
1 Certificate of Conformity	4
2 Summary of Test Results	5
2.1 Measurement Uncertainty.....	9
2.2 Test Site and Instruments.....	10
3 General Information	11
3.1 General Description of EUT.....	11
3.2 Configuration of System under Test.....	14
3.2.1 Description of Support Units.....	14
3.3 Test Mode Applicability and Tested Channel Detail.....	15
3.4 EUT Operating Conditions.....	20
3.5 General Description of Applied Standards and References.....	20
4 Test Types and Results	21
4.1 Output Power Measurement.....	21
4.1.1 Limits of Output Power Measurement.....	21
4.1.2 Test Procedures.....	21
4.1.3 Test Setup.....	22
4.1.4 Test Results.....	23
4.2 Radiated Emission Measurement.....	62
4.2.1 Limits of Radiated Emission Measurement.....	62
4.2.2 Test Procedure.....	62
4.2.3 Deviation from Test Standard.....	63
4.2.4 Test Setup.....	63
4.2.5 Test Results.....	64
5 Pictures of Test Arrangements	200
Appendix – Information of the Testing Laboratories	201

Release Control Record

Issue No.	Description	Date Issued
RFBASM-WTW-P21060063-2	Original release	Nov. 16, 2021

1 Certificate of Conformity

Product: Wireless Module

Brand: Getac

Test Model: EM9190

Sample Status: Identical Prototype

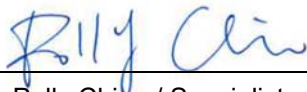
Applicant: Getac Technology Corporation.

Test Date: Jun. 23 ~ Jul. 13, 2021

Standards: FCC Part 27, Subpart C, D, F, H, L, M, N

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by :



Polly Chien / Specialist

Date:

Nov. 16, 2021

Approved by :



Bruce Chen / Senior Engineer

Date:

Nov. 16, 2021

2 Summary of Test Results

Applied Standard: FCC Part 27 & Part 2 (WCDMA)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(d)(4)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	N/A	Refer to Note 1
2.1055 27.54	Frequency Stability	N/A	Refer to Note 1
2.1049	Occupied Bandwidth	N/A	Refer to Note 1
27.50(d)(5)	Peak to Average Ratio	N/A	Refer to Note 1
27.53(h)	Band Edge Measurements	N/A	Refer to Note 1
2.1051 27.53(h)	Conducted Spurious Emissions	N/A	Refer to Note 1
2.1053 27.53(h)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -38.15 dB at 3465.20 MHz.

Applied Standard: FCC Part 27 & Part 2 (LTE 4)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(d)(4)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	N/A	Refer to Note 1
2.1055 27.54	Frequency Stability	N/A	Refer to Note 1
2.1049	Occupied Bandwidth	N/A	Refer to Note 1
27.50(d)(5)	Peak to Average Ratio	N/A	Refer to Note 1
27.53(h)	Band Edge Measurements	N/A	Refer to Note 1
2.1051 27.53(h)	Conducted Spurious Emissions	N/A	Refer to Note 1
2.1053 27.53(h)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -30.86 dB at 5197.50 MHz.

Applied Standard: FCC Part 27 & Part 2 (LTE 12)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(c)(10)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	N/A	Refer to Note 1
2.1055 27.54	Frequency Stability	N/A	Refer to Note 1
2.1049	Occupied Bandwidth	N/A	Refer to Note 1
---	Peak to Average Ratio	N/A	Refer to Note 1
27.53(g)	Band Edge Measurements	N/A	Refer to Note 1
2.1051 27.53(g)	Conducted Spurious Emissions	N/A	Refer to Note 1
2.1053 27.53(g)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -26.96 dB at 2133.00 MHz.

Applied Standard: FCC Part 27 & Part 2 (LTE 13)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(b)(10)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	N/A	Refer to Note 1
2.1055 27.54	Frequency Stability	N/A	Refer to Note 1
2.1049	Occupied Bandwidth	N/A	Refer to Note 1
---	Peak to Average Ratio	N/A	Refer to Note 1
27.53(c)(2)(4)	Band Edge Measurements	N/A	Refer to Note 1
2.1051 27.53(c)(2)&(f)	Conducted Spurious Emissions	N/A	Refer to Note 1
2.1053 27.53(c)(2)&(f)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -3.60 dB at 1564.00 MHz.

Applied Standard: FCC Part 27 & Part 2 (LTE 17)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(c)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation characteristics	N/A	Refer to Note 1
2.1055 27.54	Frequency Stability	N/A	Refer to Note 1
2.1049	Emission Bandwidth	N/A	Refer to Note 1
2.1051 27.53(g)	Out of Band Emission Measurements	N/A	Refer to Note 1
--	Peak To Average Ratio	N/A	Refer to Note 1
2.1051 27.53(g)	Conducted Spurious Emissions	N/A	Refer to Note 1
2.1053 27.53(g)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -29.56 dB at 2130.00 MHz.

Applied Standard: FCC Part 27 & Part 2 (LTE 30)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(a)(3)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	N/A	Refer to Note 1
2.1055 27.54	Frequency Stability	N/A	Refer to Note 1
2.1049	Occupied Bandwidth	N/A	Refer to Note 1
2.1051 27.53(a)(4)	Band Edge Measurements	N/A	Refer to Note 1
2.1051 27.53(a)(4)	Conducted Spurious Emissions	N/A	Refer to Note 1
2.1053 27.53(a)(4)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -1.04 dB at 6930.00 MHz.

Applied Standard: FCC Part 27 & Part 2 (LTE 7, 38, 41)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(h)(2)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	N/A	Refer to Note
2.1055 27.54	Frequency Stability	N/A	Refer to Note
2.1049	Occupied Bandwidth	N/A	Refer to Note
--	Peak to Average Ratio	N/A	Refer to Note
27.53(m)(4)(6)	Out-of-Band Emissions Measurements	N/A	Refer to Note
2.1051 27.53(m)(4)(6)	Conducted Spurious Emissions	N/A	Refer to Note
2.1053 27.53(m)(4)(6)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -7.34 dB at 7779.00 MHz.

Applied Standard: FCC Part 27 & Part 2 (LTE 66)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(d)(4)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation Characteristics	N/A	Refer to Note 1
2.1055 27.54	Frequency Stability	N/A	Refer to Note 1
2.1049	Occupied Bandwidth	N/A	Refer to Note 1
27.50(d)(5)	Peak to Average Ratio	N/A	Refer to Note 1
27.53(h)	Band Edge Measurements	N/A	Refer to Note 1
2.1051 27.53(h)	Conducted Spurious Emissions	N/A	Refer to Note 1
2.1053 27.53(h)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -36.63 dB at 3490.00 MHz.

Applied Standard: FCC Part 27 & Part 2 (LTE 71)			
FCC Clause	Test Item	Result	Remarks
2.1046 27.50(c)	Maximum Peak Output Power	Pass	Meet the requirement of limit.
2.1047	Modulation characteristics	N/A	Refer to Note 1
2.1055 27.54	Frequency Stability	N/A	Refer to Note 1
2.1049	Emission Bandwidth	N/A	Refer to Note 1
2.1051 27.53(g)	Out of Band Emission Measurements	N/A	Refer to Note 1
--	Peak To Average Ratio	N/A	Refer to Note 1
2.1051 27.53(g)	Conducted Spurious Emissions	N/A	Refer to Note 1
2.1053 27.53(g)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -24.18dB at 2401.50MHz.

Note:

1. This report is a Class II change partial report. Therefore, only test item of Radiated Spurious Emissions tests and Effective Radiated Power / Equivalent Isotropic Radiated Power were performed for this report. Other testing data please refer to Sporton International (Shenzhen) Inc. report no.: FG021501A_Rev. 02, FG021501B_Rev. 02, FG021501C_Rev. 02, FG021501D_Rev. 02 and FG021501F_Rev. 02 for module (Brand: Airprime, Model: EM9190).
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 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	Frequency	Expanded Uncertainty (k=2) (±)
Radiated Emissions up to 1 GHz	9 kHz ~ 30 MHz	3.0400 dB
	30 MHz ~ 200 MHz	2.0153 dB
	200 MHz ~ 1000 MHz	2.0224 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	1.0121 dB
	18GHz ~ 40GHz	1.1508 dB

2.2 Test Site and Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver Agilent Technologies	N9038A	MY52260177	Aug. 24, 2020	Aug. 23, 2021
Spectrum Analyzer ROHDE & SCHWARZ	FSU43	101261	Apr. 12, 2021	Apr. 11, 2022
HORN Antenna ETS-Lindgren	3117	00143293	Nov. 22, 2020	Nov. 21, 2021
BILOG Antenna SCHWARZBECK	VULB 9168	9168-616	Nov. 09, 2020	Nov. 08, 2021
HORN Antenna SCHWARZBECK	BBHA 9170	9170-480	Nov. 22, 2020	Nov. 21, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 13, 2021	Apr. 12, 2022
MXG Vector signal generator Agilent	N5182B	MY53050430	Nov. 25, 2020	Nov. 24, 2021
Preamplifier Agilent	310N	187226	Jun. 17, 2021	Jun. 16, 2022
Preamplifier Agilent	83017A	MY39501357	Jun. 17, 2021	Jun. 16, 2022
Preamplifier EMCI	EMC 184045	980116	Oct. 07, 2020	Oct. 06, 2021
RF signal cable ETS-LINDGREN	5D-FB	Cable-CH1-01(RFC-S MS-100-SMS-120+RF C-SMS-100-SMS-400)	Jun. 17, 2021	Jun. 16, 2022
RF signal cable ETS-LINDGREN	8D-FB	Cable-CH1-02(RFC-S MS-100-SMS-24)	Jun. 17, 2021	Jun. 16, 2022
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Software BV ADT	E3 8.130425b	NA	NA	NA
Antenna Tower MF	NA	NA	NA	NA
Turn Table MF	NA	NA	NA	NA
Antenna Tower & Turn Table Controller MF	MF-7802	NA	NA	NA
Radio Communication Analyzer Anritsu	MT8820C	6201300640	Aug. 19, 2019	Aug. 18, 2021
Spectrum Analyzer ROHDE & SCHWARZ	FSW43	101582	Apr. 01, 2021	Mar. 31, 2022

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. The test was performed in HsinTien Chamber 1.

3 General Information

3.1 General Description of EUT

Product	Wireless Module	
Brand	Getac	
Test Model	EM9190	
Sample Status	Identical Prototype	
Power Supply Rating	3.3 Vdc (Host equipment)	
Modulation Type	WCDMA: BPSK, QPSK HSDPA: BPSK HSUPA: QPSK LTE: QPSK, 16QAM, 64QAM, 256QAM	
Operating Frequency	WCDMA Band 4	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)	1715.0MHz ~ 1750.0MHz
	LTE Band 4 (Channel Bandwidth 15MHz)	1717.5MHz ~ 1747.5MHz
	LTE Band 4 (Channel Bandwidth 20MHz)	1720.0MHz ~ 1745.0MHz
	LTE Band 7 (Channel Bandwidth 5MHz)	2502.5MHz ~ 2567.5MHz
	LTE Band 7 (Channel Bandwidth 10MHz)	2505.0MHz ~ 2565.0MHz
	LTE Band 7 (Channel Bandwidth 15MHz)	2507.5MHz ~ 2562.5MHz
	LTE Band 7 (Channel Bandwidth 20MHz)	2510.0MHz ~ 2560.0MHz
	LTE Band 12 (Channel Bandwidth 1.4MHz)	699.7MHz ~ 715.3MHz
	LTE Band 12 (Channel Bandwidth 3MHz)	700.5MHz ~ 714.5MHz
	LTE Band 12 (Channel Bandwidth 5MHz)	701.5MHz ~ 713.5MHz
	LTE Band 12 (Channel Bandwidth 10MHz)	704.0MHz ~ 711.0MHz
	LTE Band 13 (Channel Bandwidth 5MHz)	779.5MHz ~ 784.5MHz
	LTE Band 13 (Channel Bandwidth 10MHz)	782.0MHz
	LTE Band 17 (Channel Bandwidth: 5 MHz)	706.5 ~ 713.5 MHz
	LTE Band 17 (Channel Bandwidth: 10 MHz)	709.0 ~ 711.0 MHz
	LTE Band 30 (Channel Bandwidth: 5 MHz)	2307.5 ~ 2312.5 MHz
LTE Band 30 (Channel Bandwidth: 10 MHz)	2310 MHz	
LTE Band 38 (Channel Bandwidth 5MHz)	2572.5MHz ~ 2617.5MHz	
LTE Band 38 (Channel Bandwidth 10MHz)	2575.0MHz ~ 2615.0MHz	
LTE Band 38 (Channel Bandwidth 15MHz)	2577.5MHz ~ 2612.5MHz	
LTE Band 38 (Channel Bandwidth 20MHz)	2580.0MHz ~ 2610.0MHz	

Operating Frequency	LTE Band 41 (Channel Bandwidth 5MHz)	2498.5MHz ~ 2687.5MHz
	LTE Band 41 (Channel Bandwidth 10MHz)	2501.0MHz ~ 2685.0 MHz
	LTE Band 41 (Channel Bandwidth 15MHz)	2503.5MHz ~ 2682.5MHz
	LTE Band 41 (Channel Bandwidth 20MHz)	2506.0MHz ~ 2680.0 MHz
	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)	1715.0MHz ~ 1775.0MHz
	LTE Band 66 (Channel Bandwidth 15MHz)	1717.5MHz ~ 1772.5MHz
	LTE Band 66 (Channel Bandwidth 20MHz)	1720.0MHz ~ 1770.0MHz
	LTE Band 71 (Channel Bandwidth 5MHz)	665.5MHz ~ 695.5MHz
	LTE Band 71 (Channel Bandwidth 10MHz)	668.0MHz ~ 693.0MHz
	LTE Band 71 (Channel Bandwidth 15MHz)	670.5MHz ~ 690.5MHz
	LTE Band 71 (Channel Bandwidth 20MHz)	673.0MHz ~ 688.0MHz
Max. EIRP Power	WCDMA Band 4	491.47mW
	LTE Band 4 (Channel Bandwidth 1.4MHz)	481.39mW
	LTE Band 4 (Channel Bandwidth 3MHz)	485.85mW
	LTE Band 4 (Channel Bandwidth 5MHz)	490.34mW
	LTE Band 4 (Channel Bandwidth 10MHz)	494.88 mW
	LTE Band 4 (Channel Bandwidth 15MHz)	499.46mW
	LTE Band 4 (Channel Bandwidth 20MHz)	492.61mW
	LTE Band 7 (Channel Bandwidth 5MHz)	494.42mW
	LTE Band 7 (Channel Bandwidth 10MHz)	498.08mW
	LTE Band 7 (Channel Bandwidth 15MHz)	502.11mW
	LTE Band 7 (Channel Bandwidth 20MHz)	506.64mW
	LTE Band 30 (Channel Bandwidth: 5 MHz)	157.69mW/5MHz
	LTE Band 30 (Channel Bandwidth: 10 MHz)	154.06mW/5MHz
	LTE Band 38 (Channel Bandwidth 5MHz)	466.34mW
	LTE Band 38 (Channel Bandwidth 10MHz)	470.65mW
	LTE Band 38 (Channel Bandwidth 15MHz)	473.91mW
	LTE Band 38 (Channel Bandwidth 20MHz)	478.30mW
	LTE Band 41 (Channel Bandwidth 5MHz)	539.14mW
	LTE Band 41 (Channel Bandwidth 10MHz)	544.13mW
	LTE Band 41 (Channel Bandwidth 15MHz)	549.16mW
	LTE Band 41 (Channel Bandwidth 20MHz)	554.24mW
	LTE Band 66 (Channel Bandwidth 1.4MHz)	337.21mW
	LTE Band 66 (Channel Bandwidth 3MHz)	341.11mW
LTE Band 66 (Channel Bandwidth 5MHz)	344.27mW	
LTE Band 66 (Channel Bandwidth 10MHz)	346.34mW	
LTE Band 66 (Channel Bandwidth 15MHz)	349.06mW	
LTE Band 66 (Channel Bandwidth 20MHz)	351.48mW	

Max. ERP Power	LTE Band 12 (Channel Bandwidth 1.4MHz)	162.52mW
	LTE Band 12 (Channel Bandwidth 3MHz)	164.02mW
	LTE Band 12 (Channel Bandwidth 5MHz)	165.54mW
	LTE Band 12 (Channel Bandwidth 10MHz)	167.38mW
	LTE Band 13 (Channel Bandwidth 5MHz)	160.73mW
	LTE Band 13 (Channel Bandwidth 10MHz)	162.07mW
	LTE Band 17 (Channel Bandwidth: 5 MHz)	155.10mW
	LTE Band 17 (Channel Bandwidth: 10 MHz)	156.64mW
	LTE Band 71 (Channel Bandwidth 5MHz)	109.37mW
	LTE Band 71 (Channel Bandwidth 10MHz)	110.38mW
	LTE Band 71 (Channel Bandwidth 15MHz)	111.40mW
	LTE Band 71 (Channel Bandwidth 20MHz)	112.64mW
Antenna Type	Refer to Note as below	
Antenna Connector	Refer to Note as below	
Accessory Device	N/A	
Cable Supplied	N/A	

Note:

1. The EUT is authorized for use in specific End-product. The model of the K120 was chosen for final test.

Product	Brand	Model	Description
Tablet	Getac	K120	For marketing purpose
		K120G2	
		K120Y (Y= 10 , Y can be 0-9, a-z, A-Z, “-“, “_” or blank for marketing purpose)	

2. The End-product contains following accessory devices.

Product	Brand	Model	Description
Adapter 1	Getac	MTA190474W4	I/P: 100-240Vac, 1.6A, 50-60Hz O/P: 19.0Vdc, 4.74A (90.0W)
Adapter 2	Chicony	A15-090P1A	I/P: 100-240Vac, 1.2A, 50-60Hz O/P: 19.0Vdc, 4.74A (90.0W)
Battery 1	Getac	BP3S1P2100S-01	11.1Vdc , 2040mAh, 24Wh
Battery 2	Getac	BP4S1P3450P-01	14.4Vdc , 3300mAh, 48Wh
Touch Pen	Getac	340142000064	-
Dock	Getac	K120 Keyboard Dock	-

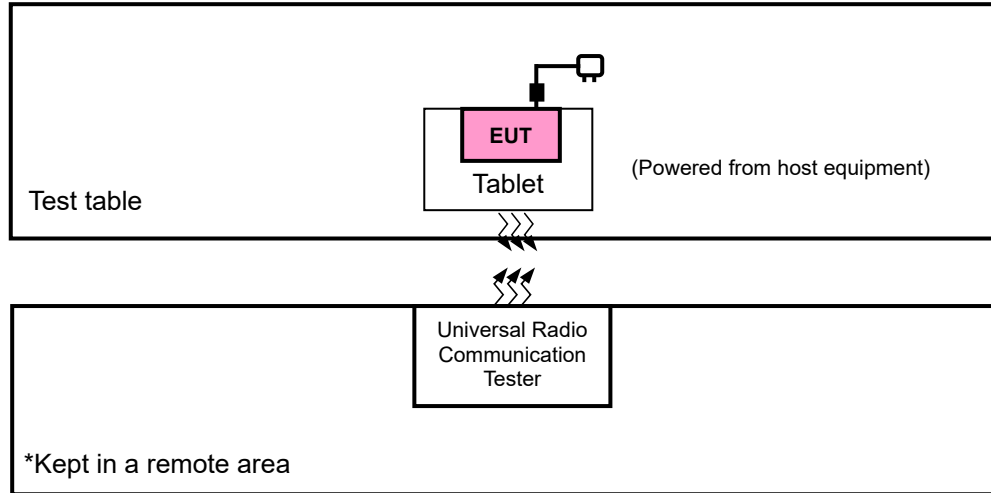
3. The following antennas were provided to the EUT.

WCDMA, LTE Band													
Ant. No.	Type	Connector	Gain (dBi)										
			WCDMA B4	B4	B7	B12	B13	B17	B30	B38	B41	B66	B71
Man	PIFA	I-PEX	3.08	3.08	4.30	1.05	1.38	1.05	3.45	3.97	4.3	3.36	0.68
AUX	PIFA	I-PEX	-0.22	-0.22	4.29	-1.51	0.41	-1.51	3.90	4.36	4.36	-0.17	-2.43

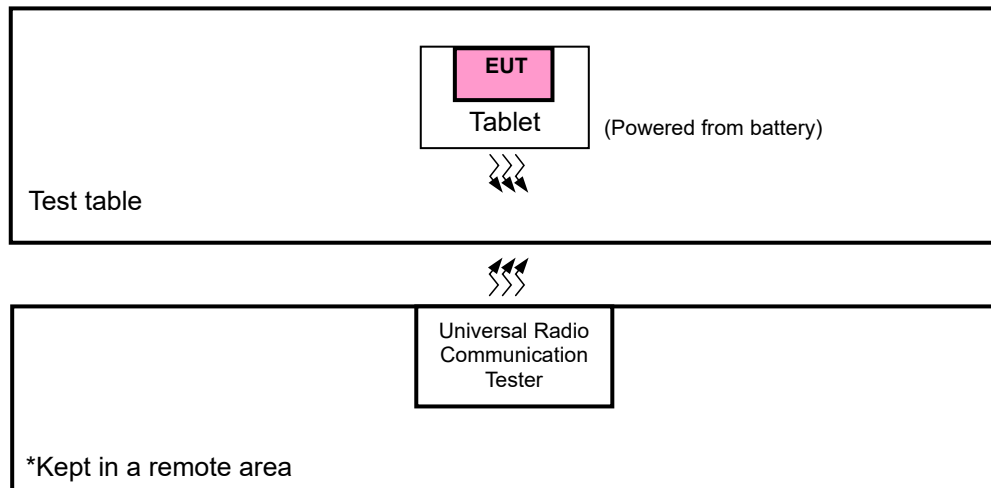
* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.2 Configuration of System under Test

<Radiated Emission Test>



<E.R.P. / E.I.R.P. Test>



3.2.1 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
A.	Tablet	Getac	K120	N/A	N/A
B.	Universal Radio Communication Tester	Anritsu	MT8820C	6201300640	N/A

No.	Signal Cable Description Of The Above Support Units
1.	N/A

Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Item 1 was provided by client.

3.3 Test Mode Applicability and Tested Channel Detail

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 as the table below. Following channel(s) was (were) selected for the final test as listed below:

Band	ERP/EIRP	Radiated Emission
WCDMA Band 4	X-plane	Z-axis
LTE Band 4	X-plane	X-axis
LTE Band 7	X-plane	X-axis
LTE Band 12	X-plane	Z-axis
LTE Band 13	X-plane	Z-axis
LTE Band 17	X-plane	Z-axis
LTE Band 30	X-plane	Z-axis
LTE Band 38	X-plane	X-axis
LTE Band 41	X-plane	X-axis
LTE Band 66	X-plane	X-axis
LTE Band 71	X-plane	Z-axis

WCDMA Band 4

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Mode
-	EIRP	1312 TO 1513	1312, 1413, 1513	WCDMA
-	RADIATED EMISSION	1312 TO 1513	1312, 1413, 1513	WCDMA

LTE Band 4

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
-	EIRP	19957 to 20393	19957, 20175, 20393	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		19965 to 20385	19965, 20175, 20385	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		19975 to 20375	19975, 20175, 20375	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		20000 to 20350	20000, 20175, 20350	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		20025 to 20325	20025, 20175, 20325	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		20050 to 20300	20050, 20175, 20300	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	19957 to 20393	19957, 20175, 20393	1.4 MHz	QPSK	1 RB / 0 RB Offset
		19975 to 20375	19975, 20175, 20375	5 MHz	QPSK	1 RB / 0 RB Offset
		20050 to 20300	20050, 20175, 20300	20 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 7

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	20775 to 21425	20775, 21100, 21425	5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		20800 to 21400	20800, 21100, 21400	10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		20825 to 21375	20825, 21100, 21375	15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		20850 to 21350	20850, 21100, 21350	20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	20775 to 21425	20775, 21100, 21425	5 MHz	QPSK	1 RB / 0 RB Offset
		20850 to 21350	20850, 21100, 21350	20 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 12

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	ERP	23017 to 23173	23017, 23095, 23173	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		23025 to 23165	23025, 23095, 23165	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		23035 to 23155	23035, 23095, 23155	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		23060 to 23130	23060, 23095, 23130	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	23017 to 23173	23017, 23095, 23173	1.4 MHz	QPSK	1 RB / 0 RB Offset
		23035 to 23155	23035, 23095, 23155	5 MHz	QPSK	1 RB / 0 RB Offset
		23060 to 23130	23060, 23095, 23130	10 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 13

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	ERP	23205 to 23255	23205, 23230, 23255	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		23230	23230	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	23205 to 23255	23205, 23230, 23255	5 MHz	QPSK	1 RB / 0 RB Offset
		23230	23230	10 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 17

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	ERP	23755 to 23825	23755, 23790, 23825	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		23780 to 23800	23780, 23790, 23800	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	23755 to 23825	23755, 23790, 23825	5 MHz	QPSK	1 RB / 0 RB Offset
		23780 to 23800	23780, 23790, 23800	10 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 30

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	27685 to 27735	27685, 27710, 27735	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		27710	27710	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	27685 to 27735	27685, 27710, 27735	5 MHz	QPSK	1 RB / 0 RB Offset
		27710	27710	10 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 38

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	37775 to 38225	37775, 38000, 38225	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		37800 to 38200	37800, 38000, 38200	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		37825 to 38175	37825, 38000, 38175	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		37850 to 38150	37850, 38000, 38150	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	37775 to 38225	37775, 38000, 38225	5 MHz	QPSK	1 RB / 0 RB Offset
		37850 to 38150	37850, 38000, 38150	20 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 41

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	39675 to 41565	39675, 40620, 41565	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		39700 to 41540	39700, 40620, 41540	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		39725 to 41515	39725, 40620, 41515	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	39675 to 41565	39675, 40620, 41565	5 MHz	QPSK	1 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 66

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
-	EIRP	131979 to 132665	131979, 132322, 132665	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		131987 to 132657	131987, 132322, 132657	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		131997 to 132647	131997, 132322, 132647	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132022 to 132622	132022, 132322, 132622	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132047 to 132597	132047, 132322, 132597	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		132072 to 132572	132072, 132322, 132572	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	131979 to 132665	131979, 132322, 132665	1.4 MHz	QPSK	1 RB / 0 RB Offset
		131997 to 132647	131997, 132322, 132647	5 MHz	QPSK	1 RB / 0 RB Offset
		132072 to 132572	132072, 132322, 132572	20 MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

LTE Band 71

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	ERP	133147 to 133447	133147, 133297, 133447	5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		133172 to 133422	133172, 133297, 133422	10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		133197 to 133397	133197, 133297, 133397	15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
		133222 to 133372	133222, 133297, 133372	20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset
-	Radiated Emission	133147 to 133447	133147, 133297, 133447	5MHz	QPSK	1 RB / 0 RB Offset
		133222 to 133372	133222, 133297, 133372	20MHz	QPSK	1 RB / 0 RB Offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. For radiated emission above 1 GHz, according to 3GPP 36.521 Section 6.6.3.1.4, choose the lowest, 5 MHz & highest channel bandwidth for final test.

Test Condition:

Test Item	Environmental Conditions	Input Power	Tested By
EIRP / ERP	25 deg. C, 59 % RH	3.3 Vdc	Karl Lee
Radiated Emission	25 deg. C, 59 % RH	120 Vac, 60 Hz	Charles Hsiao, Harrt Hsueh, Karl Lee

3.4 EUT Operating Conditions

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency

3.5 General Description of Applied Standards and References

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

Test Standard:

FCC 47 CFR Part 2

FCC 47 CFR Part 27

ANSI/TIA/EIA-603-E 2016

ANSI 63.26-2015

References Test Guidance:

KDB 971168 D01 Power Meas License Digital Systems v03r01

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

For WCDMA Band 4, LTE Band 4, LTE Band 66:
Mobile / Portable station are limited to 1 watts e.i.r.p.

For LTE Band 13:

Control stations and mobile stations in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands and fixed stations transmitting in the 787-788 MHz and 805-806 MHz bands are limited to 30 watts ERP.

Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

For LTE Band 12, LTE Band 17, LTE Band 71:

Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

For LTE Band 7, LTE Band 38, LTE Band 41:

Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

For LTE Band 30:

Mobile and portable stations. (i) For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not include intervals in which the transmitter is off.

4.1.2 Test Procedures

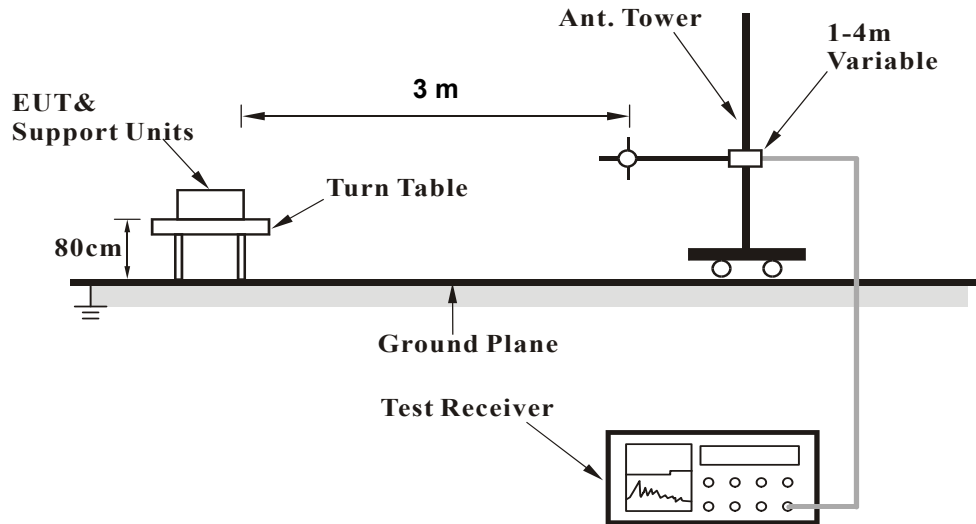
EIRP / ERP Measurement:

- a. All measurements were done at low, middle and high operational frequency range. RBW is 5 MHz for WCDMA, and 1.4 MHz · 3 MHz · 5 MHz · 10 MHz · 15 MHz · 20 MHz for LTE mode, VBW $\geq 3 \times$ RBW. When the RBW setting value exceeds the maximum value set by the Spectrum instrument, the measurement method refers to ANSI C63.26 section 5.2.4.4.
- b. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) 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 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. $EIRP = \text{Output power level} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.R.P \text{ power} - 2.15 \text{ dB}$. Correction Factor (includes EIRP and ERP unit conversion factor) = Antenna gain of substitution horn. – Tx cable loss. Measurement method refers to ANSI C63.26 section 5.2.7 & 5.2.4.

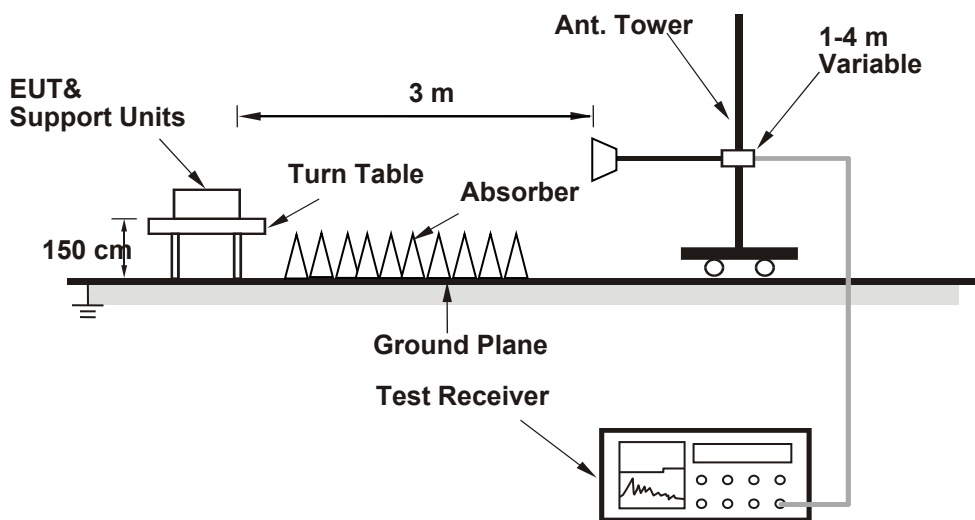
4.1.3 Test Setup

EIRP / ERP Measurement:

<Radiated Emission below or equal 1 GHz>



<Radiated Emission above 1 GHz>



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

4.1.4 Test Results

EIRP Power (dBm)

WCDMA							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	1312	1712.4	-15.57	42.49	26.92	491.47	H
	1413	1732.6	-15.54	42.33	26.79	477.20	
	1513	1752.6	-15.52	42.10	26.58	454.99	
	1312	1712.4	-21.53	42.99	21.46	139.96	V
	1413	1732.6	-21.42	42.74	21.32	135.52	
	1513	1752.6	-21.07	42.21	21.14	130.02	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 4							
Channel Bandwidth: 1.4 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	19957	1710.7	-15.66	42.49	26.83	481.39	H
	20175	1732.5	-15.70	42.33	26.63	459.94	
	20393	1754.3	-15.63	42.10	26.47	443.61	
	19957	1710.7	-21.67	42.99	21.32	135.52	V
	20175	1732.5	-21.62	42.74	21.12	129.42	
	20393	1754.3	-21.25	42.21	20.96	124.74	
Channel Bandwidth: 1.4 MHz / 16QAM							
X	19957	1710.7	-16.66	42.49	25.83	382.38	H
	20175	1732.5	-16.71	42.33	25.62	364.50	
	20393	1754.3	-16.62	42.10	25.48	353.18	
	19957	1710.7	-22.66	42.99	20.33	107.89	V
	20175	1732.5	-22.63	42.74	20.11	102.57	
	20393	1754.3	-22.25	42.21	19.96	99.08	
Channel Bandwidth: 1.4 MHz / 64QAM							
X	19957	1710.7	-17.67	42.49	24.82	303.04	H
	20175	1732.5	-17.70	42.33	24.63	290.20	
	20393	1754.3	-17.62	42.10	24.48	280.54	
	19957	1710.7	-23.67	42.99	19.32	85.51	V
	20175	1732.5	-23.63	42.74	19.11	81.47	
	20393	1754.3	-23.25	42.21	18.96	78.70	
Channel Bandwidth: 1.4 MHz / 256QAM							
X	19957	1710.7	-20.67	42.49	21.82	151.88	H
	20175	1732.5	-20.71	42.33	21.62	145.11	
	20393	1754.3	-20.62	42.10	21.48	140.60	
	19957	1710.7	-26.67	42.99	16.32	42.85	V
	20175	1732.5	-26.63	42.74	16.11	40.83	
	20393	1754.3	-26.24	42.21	15.97	39.54	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 4							
Channel Bandwidth: 3 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	19965	1711.5	-15.62	42.49	26.87	485.85	H
	20175	1732.5	-15.67	42.33	26.66	463.13	
	20385	1753.5	-15.59	42.10	26.51	447.71	
	19965	1711.5	-21.64	42.99	21.35	136.46	V
	20175	1732.5	-21.58	42.74	21.16	130.62	
	20385	1753.5	-21.21	42.21	21.00	125.89	
Channel Bandwidth: 3 MHz / 16QAM							
X	19965	1711.5	-16.62	42.49	25.87	385.92	H
	20175	1732.5	-16.68	42.33	25.65	367.03	
	20385	1753.5	-16.59	42.10	25.51	355.63	
	19965	1711.5	-22.64	42.99	20.35	108.39	V
	20175	1732.5	-22.57	42.74	20.17	103.99	
	20385	1753.5	-22.21	42.21	20.00	100.00	
Channel Bandwidth: 3 MHz / 64QAM							
X	19965	1711.5	-17.62	42.49	24.87	306.55	H
	20175	1732.5	-17.69	42.33	24.64	290.87	
	20385	1753.5	-17.60	42.10	24.50	281.84	
	19965	1711.5	-23.63	42.99	19.36	86.30	V
	20175	1732.5	-23.57	42.74	19.17	82.60	
	20385	1753.5	-23.22	42.21	18.99	79.25	
Channel Bandwidth: 3 MHz / 256QAM							
X	19965	1711.5	-20.61	42.49	21.88	153.99	H
	20175	1732.5	-20.70	42.33	21.63	145.45	
	20385	1753.5	-20.60	42.10	21.50	141.25	
	19965	1711.5	-26.63	42.99	16.36	43.25	V
	20175	1732.5	-26.57	42.74	16.17	41.40	
	20385	1753.5	-26.23	42.21	15.98	39.63	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 4							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	19975	1712.5	-15.58	42.49	26.91	490.34	H
	20175	1732.5	-15.63	42.33	26.70	467.41	
	20375	1752.5	-15.56	42.10	26.54	450.82	
	19975	1712.5	-21.60	42.99	21.39	137.72	V
	20175	1732.5	-21.55	42.74	21.19	131.52	
	20375	1752.5	-21.18	42.21	21.03	126.77	
Channel Bandwidth: 5 MHz / 16QAM							
X	19975	1712.5	-16.58	42.49	25.91	389.49	H
	20175	1732.5	-16.64	42.33	25.69	370.42	
	20375	1752.5	-16.56	42.10	25.54	358.10	
	19975	1712.5	-22.61	42.99	20.38	109.14	V
	20175	1732.5	-22.56	42.74	20.18	104.23	
	20375	1752.5	-22.18	42.21	20.03	100.69	
Channel Bandwidth: 5 MHz / 64QAM							
X	19975	1712.5	-17.59	42.49	24.90	308.67	H
	20175	1732.5	-17.64	42.33	24.69	294.24	
	20375	1752.5	-17.55	42.10	24.55	285.10	
	19975	1712.5	-23.60	42.99	19.39	86.90	V
	20175	1732.5	-23.57	42.74	19.17	82.60	
	20375	1752.5	-23.18	42.21	19.03	79.98	
Channel Bandwidth: 5 MHz / 256QAM							
X	19975	1712.5	-20.59	42.49	21.90	154.70	H
	20175	1732.5	-20.65	42.33	21.68	147.13	
	20375	1752.5	-20.55	42.10	21.55	142.89	
	19975	1712.5	-26.61	42.99	16.38	43.45	V
	20175	1732.5	-26.58	42.74	16.16	41.30	
	20375	1752.5	-26.20	42.21	16.01	39.90	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 4							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	20000	1715.0	-15.54	42.49	26.95	494.88	H
	20175	1732.5	-15.59	42.33	26.74	471.74	
	20350	1750.0	-15.52	42.10	26.58	454.99	
	20000	1715.0	-21.56	42.99	21.43	139.00	V
	20175	1732.5	-21.51	42.74	21.23	132.74	
	20350	1750.0	-21.14	42.21	21.07	127.94	
Channel Bandwidth: 10 MHz / 16QAM							
X	20000	1715.0	-16.54	42.49	25.95	393.10	H
	20175	1732.5	-16.60	42.33	25.73	373.85	
	20350	1750.0	-16.51	42.10	25.59	362.24	
	20000	1715.0	-22.57	42.99	20.42	110.15	V
	20175	1732.5	-22.52	42.74	20.22	105.20	
	20350	1750.0	-22.14	42.21	20.07	101.62	
Channel Bandwidth: 10 MHz / 64QAM							
X	20000	1715.0	-17.54	42.49	24.95	312.25	H
	20175	1732.5	-17.61	42.33	24.72	296.28	
	20350	1750.0	-17.50	42.10	24.60	288.40	
	20000	1715.0	-23.58	42.99	19.41	87.30	V
	20175	1732.5	-23.52	42.74	19.22	83.56	
	20350	1750.0	-23.15	42.21	19.06	80.54	
Channel Bandwidth: 10 MHz / 256QAM							
X	20000	1715.0	-20.55	42.49	21.94	156.13	H
	20175	1732.5	-20.61	42.33	21.72	148.49	
	20350	1750.0	-20.51	42.10	21.59	144.21	
	20000	1715.0	-26.58	42.99	16.41	43.75	V
	20175	1732.5	-26.52	42.74	16.22	41.88	
	20350	1750.0	-26.16	42.21	16.05	40.27	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 4							
Channel Bandwidth: 15 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	20025	1717.5	-15.50	42.49	26.99	499.46	H
	20175	1732.5	-15.55	42.33	26.78	476.10	
	20325	1747.5	-15.49	42.10	26.61	458.14	
	20025	1717.5	-21.53	42.99	21.46	139.96	V
	20175	1732.5	-21.48	42.74	21.26	133.66	
	20325	1747.5	-21.10	42.21	21.11	129.12	
Channel Bandwidth: 15 MHz / 16QAM							
X	20025	1717.5	-16.51	42.49	25.98	395.82	H
	20175	1732.5	-16.54	42.33	25.79	379.05	
	20325	1747.5	-16.49	42.10	25.61	363.92	
	20025	1717.5	-22.54	42.99	20.45	110.92	V
	20175	1732.5	-22.48	42.74	20.26	106.17	
	20325	1747.5	-22.11	42.21	20.10	102.33	
Channel Bandwidth: 15 MHz / 64QAM							
X	20025	1717.5	-17.52	42.49	24.97	313.69	H
	20175	1732.5	-17.53	42.33	24.80	301.79	
	20325	1747.5	-17.50	42.10	24.60	288.40	
	20025	1717.5	-23.55	42.99	19.44	87.90	V
	20175	1732.5	-23.49	42.74	19.25	84.14	
	20325	1747.5	-23.11	42.21	19.10	81.28	
Channel Bandwidth: 15 MHz / 256QAM							
X	20025	1717.5	-20.52	42.49	21.97	157.22	H
	20175	1732.5	-20.54	42.33	21.79	150.90	
	20325	1747.5	-20.51	42.10	21.59	144.21	
	20025	1717.5	-26.55	42.99	16.44	44.06	V
	20175	1732.5	-26.48	42.74	16.26	42.27	
	20325	1747.5	-26.10	42.21	16.11	40.83	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 4							
Channel Bandwidth: 20 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	20050	1720.0	-15.56	42.49	26.93	492.61	H
	20175	1732.5	-15.51	42.33	26.82	480.51	
	20300	1745.0	-15.46	42.10	26.64	461.32	
	20050	1720.0	-21.49	42.99	21.50	141.25	V
	20175	1732.5	-21.45	42.74	21.29	134.59	
	20300	1745.0	-21.06	42.21	21.15	130.32	
Channel Bandwidth: 20 MHz / 16QAM							
X	20050	1720.0	-16.57	42.49	25.92	390.39	H
	20175	1732.5	-16.52	42.33	25.81	380.80	
	20300	1745.0	-16.45	42.10	25.65	367.28	
	20050	1720.0	-22.49	42.99	20.50	112.20	V
	20175	1732.5	-22.45	42.74	20.29	106.91	
	20300	1745.0	-22.07	42.21	20.14	103.28	
Channel Bandwidth: 20 MHz / 64QAM							
X	20050	1720.0	-17.56	42.49	24.93	310.81	H
	20175	1732.5	-17.53	42.33	24.80	301.79	
	20300	1745.0	-17.45	42.10	24.65	291.74	
	20050	1720.0	-23.49	42.99	19.50	89.13	V
	20175	1732.5	-23.46	42.74	19.28	84.72	
	20300	1745.0	-23.08	42.21	19.13	81.85	
Channel Bandwidth: 20 MHz / 256QAM							
X	20050	1720.0	-20.55	42.49	21.94	156.13	H
	20175	1732.5	-20.53	42.33	21.80	151.25	
	20300	1745.0	-20.45	42.10	21.65	146.22	
	20050	1720.0	-26.48	42.99	16.51	44.77	V
	20175	1732.5	-26.47	42.74	16.27	42.36	
	20300	1745.0	-26.09	42.21	16.12	40.93	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 7							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	20775	2502.5	-17.52	44.24	26.72	469.68	H
	21100	2535.0	-17.35	44.20	26.85	483.84	
	21425	2567.5	-17.86	44.80	26.94	494.42	
	20775	2502.5	-22.24	44.19	21.95	156.71	V
	21100	2535.0	-21.91	44.09	22.18	165.12	
	21425	2567.5	-22.06	44.50	22.44	175.35	
Channel Bandwidth: 5 MHz / 16QAM							
X	20775	2502.5	-18.52	44.24	25.72	373.08	H
	21100	2535.0	-18.35	44.20	25.85	384.33	
	21425	2567.5	-18.86	44.80	25.94	392.74	
	20775	2502.5	-23.23	44.19	20.96	124.77	V
	21100	2535.0	-22.92	44.09	21.17	130.86	
	21425	2567.5	-23.07	44.50	21.43	138.96	
Channel Bandwidth: 5 MHz / 64QAM							
X	20775	2502.5	-19.52	44.24	24.72	296.35	H
	21100	2535.0	-19.36	44.20	24.84	304.58	
	21425	2567.5	-19.85	44.80	24.95	312.68	
	20775	2502.5	-24.24	44.19	19.95	98.88	V
	21100	2535.0	-23.91	44.09	20.18	104.18	
	21425	2567.5	-24.08	44.50	20.42	110.13	
Channel Bandwidth: 5 MHz / 256QAM							
X	20775	2502.5	-22.52	44.24	21.72	148.53	H
	21100	2535.0	-22.37	44.20	21.83	152.30	
	21425	2567.5	-22.86	44.80	21.94	156.35	
	20775	2502.5	-27.24	44.19	16.95	49.56	V
	21100	2535.0	-26.91	44.09	17.18	52.22	
	21425	2567.5	-27.07	44.50	17.43	55.32	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 7							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	20800	2505.0	-17.58	44.34	26.76	474.35	H
	21100	2535.0	-17.31	44.20	26.89	488.31	
	21400	2565.0	-17.75	44.72	26.97	498.08	
	20800	2505.0	-22.25	44.23	21.98	157.62	V
	21100	2535.0	-21.87	44.09	22.22	166.65	
	21400	2565.0	-21.93	44.41	22.48	176.85	
Channel Bandwidth: 10 MHz / 16QAM							
X	20800	2505.0	-18.58	44.34	25.76	376.79	H
	21100	2535.0	-18.32	44.20	25.88	386.99	
	21400	2565.0	-18.75	44.72	25.97	395.64	
	20800	2505.0	-23.26	44.23	20.97	124.91	V
	21100	2535.0	-22.88	44.09	21.21	132.07	
	21400	2565.0	-22.94	44.41	21.47	140.15	
Channel Bandwidth: 10 MHz / 64QAM							
X	20800	2505.0	-19.57	44.34	24.77	299.99	H
	21100	2535.0	-19.32	44.20	24.88	307.40	
	21400	2565.0	-19.74	44.72	24.98	314.99	
	20800	2505.0	-24.26	44.23	19.97	99.22	V
	21100	2535.0	-23.88	44.09	20.21	104.91	
	21400	2565.0	-23.93	44.41	20.48	111.58	
Channel Bandwidth: 10 MHz / 256QAM							
X	20800	2505.0	-22.57	44.34	21.77	150.35	H
	21100	2535.0	-22.33	44.20	21.87	153.71	
	21400	2565.0	-22.75	44.72	21.97	157.51	
	20800	2505.0	-27.26	44.23	16.97	49.73	V
	21100	2535.0	-26.89	44.09	17.20	52.46	
	21400	2565.0	-26.92	44.41	17.49	56.05	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 7							
Channel Bandwidth: 15 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	20825	2507.5	-17.53	44.32	26.79	477.31	H
	21100	2535.0	-17.27	44.20	26.93	492.83	
	21375	2562.5	-17.84	44.85	27.01	502.11	
	20825	2507.5	-21.97	43.99	22.02	159.29	V
	21100	2535.0	-21.84	44.09	22.25	167.80	
	21375	2562.5	-22.00	44.51	22.51	178.24	
Channel Bandwidth: 15 MHz / 16QAM							
X	20825	2507.5	-18.53	44.32	25.79	379.14	H
	21100	2535.0	-18.28	44.20	25.92	390.57	
	21375	2562.5	-18.85	44.85	26.00	397.92	
	20825	2507.5	-22.97	43.99	21.02	126.53	V
	21100	2535.0	-22.85	44.09	21.24	132.98	
	21375	2562.5	-23.01	44.51	21.50	141.25	
Channel Bandwidth: 15 MHz / 64QAM							
X	20825	2507.5	-19.53	44.32	24.79	301.16	H
	21100	2535.0	-19.28	44.20	24.92	310.24	
	21375	2562.5	-19.85	44.85	25.00	316.08	
	20825	2507.5	-23.97	43.99	20.02	100.51	V
	21100	2535.0	-23.85	44.09	20.24	105.63	
	21375	2562.5	-24.02	44.51	20.49	111.94	
Channel Bandwidth: 15 MHz / 256QAM							
X	20825	2507.5	-22.54	44.32	21.78	150.59	H
	21100	2535.0	-22.27	44.20	21.93	155.85	
	21375	2562.5	-22.86	44.85	21.99	158.05	
	20825	2507.5	-26.97	43.99	17.02	50.37	V
	21100	2535.0	-26.84	44.09	17.25	53.06	
	21375	2562.5	-27.02	44.51	17.49	56.10	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 7							
Channel Bandwidth: 20 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	20850	2510.0	-17.33	44.16	26.83	481.95	H
	21100	2535.0	-17.23	44.20	26.97	497.39	
	21350	2560.0	-17.76	44.81	27.05	506.64	
	20850	2510.0	-22.73	44.78	22.05	160.32	V
	21100	2535.0	-21.80	44.09	22.29	169.36	
	21350	2560.0	-22.18	44.72	22.54	179.47	
Channel Bandwidth: 20 MHz / 16QAM							
X	20850	2510.0	-18.34	44.16	25.82	381.94	H
	21100	2535.0	-18.23	44.20	25.97	395.09	
	21350	2560.0	-18.76	44.81	26.05	402.44	
	20850	2510.0	-23.72	44.78	21.06	127.64	V
	21100	2535.0	-22.81	44.09	21.28	134.21	
	21350	2560.0	-23.19	44.72	21.53	142.23	
Channel Bandwidth: 20 MHz / 64QAM							
X	20850	2510.0	-19.34	44.16	24.82	303.39	H
	21100	2535.0	-19.23	44.20	24.97	313.83	
	21350	2560.0	-19.77	44.81	25.04	318.93	
	20850	2510.0	-24.72	44.78	20.06	101.39	V
	21100	2535.0	-23.82	44.09	20.27	106.37	
	21350	2560.0	-24.20	44.72	20.52	112.72	
Channel Bandwidth: 20 MHz / 256QAM							
X	20850	2510.0	-22.33	44.16	21.83	152.41	H
	21100	2535.0	-22.22	44.20	21.98	157.65	
	21350	2560.0	-22.78	44.81	22.03	159.48	
	20850	2510.0	-27.72	44.78	17.06	50.82	V
	21100	2535.0	-26.83	44.09	17.26	53.19	
	21350	2560.0	-27.20	44.72	17.52	56.49	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 30							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm/5MHz)	EIRP (mW/5MHz)	Polarization (H/V)
X	27685	2307.5	-22.26	44.24	21.98	157.69	H
	27710	2310.0	-22.35	44.20	21.85	153.00	
	27735	2312.5	-23.13	44.80	21.67	146.93	
	27685	2307.5	-27.51	44.19	16.68	46.57	V
	27710	2310.0	-27.54	44.09	16.55	45.16	
	27735	2312.5	-28.11	44.50	16.39	43.54	
Channel Bandwidth: 5 MHz / 16QAM							
X	27685	2307.5	-23.26	44.24	20.98	125.26	H
	27710	2310.0	-23.34	44.20	20.86	121.81	
	27735	2312.5	-24.14	44.80	20.66	116.44	
	27685	2307.5	-28.51	44.19	15.68	36.99	V
	27710	2310.0	-28.55	44.09	15.54	35.79	
	27735	2312.5	-29.12	44.50	15.38	34.51	
Channel Bandwidth: 5 MHz / 64QAM							
X	27685	2307.5	-24.26	44.24	19.98	99.49	H
	27710	2310.0	-24.33	44.20	19.87	96.98	
	27735	2312.5	-25.15	44.80	19.65	92.28	
	27685	2307.5	-29.52	44.19	14.67	29.32	V
	27710	2310.0	-29.56	44.09	14.53	28.37	
	27735	2312.5	-30.11	44.50	14.39	27.47	
Channel Bandwidth: 5 MHz / 256QAM							
X	27685	2307.5	-27.26	44.24	16.98	49.87	H
	27710	2310.0	-27.32	44.20	16.88	48.72	
	27735	2312.5	-28.15	44.80	16.65	46.25	
	27685	2307.5	-32.51	44.19	11.68	14.73	V
	27710	2310.0	-32.57	44.09	11.52	14.18	
	27735	2312.5	-33.11	44.50	11.39	13.77	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 30							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm/5MHz)	EIRP (mW/5MHz)	Polarization (H/V)
X	27710	2310.0	-22.32	44.20	21.88	154.06	H
	27710	2310.0	-27.54	44.09	16.55	45.16	V
Channel Bandwidth: 10 MHz / 16QAM							
X	27710	2310.0	-23.31	44.20	20.89	122.66	H
	27710	2310.0	-28.54	44.09	15.55	35.88	V
Channel Bandwidth: 10 MHz / 64QAM							
X	27710	2310.0	-24.32	44.20	19.88	97.21	H
	27710	2310.0	-29.54	44.09	14.55	28.50	V
Channel Bandwidth: 10 MHz / 256QAM							
X	27710	2310.0	-27.32	44.20	16.88	48.72	H
	27710	2310.0	-32.53	44.09	11.56	14.32	V

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 38							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	37775	2572.5	-17.63	44.24	26.61	457.93	H
	38000	2595.0	-17.51	44.20	26.69	466.34	
	38225	2617.5	-18.37	44.80	26.43	439.64	
	37775	2572.5	-21.78	44.19	22.41	174.22	V
	38000	2595.0	-21.57	44.09	22.52	178.57	
	38225	2617.5	-22.27	44.50	22.23	167.07	
Channel Bandwidth: 5 MHz / 16QAM							
X	37775	2572.5	-18.63	44.24	25.61	363.75	H
	38000	2595.0	-18.52	44.20	25.68	369.57	
	38225	2617.5	-19.37	44.80	25.43	349.22	
	37775	2572.5	-22.78	44.19	21.41	138.39	V
	38000	2595.0	-22.58	44.09	21.51	141.51	
	38225	2617.5	-23.27	44.50	21.23	132.71	
Channel Bandwidth: 5 MHz / 64QAM							
X	37775	2572.5	-19.62	44.24	24.62	289.60	H
	38000	2595.0	-19.53	44.20	24.67	292.89	
	38225	2617.5	-20.37	44.80	24.43	277.40	
	37775	2572.5	-23.78	44.19	20.41	109.93	V
	38000	2595.0	-23.59	44.09	20.50	112.15	
	38225	2617.5	-24.26	44.50	20.24	105.66	
Channel Bandwidth: 5 MHz / 256QAM							
X	37775	2572.5	-22.62	44.24	21.62	145.14	H
	38000	2595.0	-22.54	44.20	21.66	146.45	
	38225	2617.5	-23.38	44.80	21.42	138.71	
	37775	2572.5	-26.79	44.19	17.40	54.97	V
	38000	2595.0	-26.59	44.09	17.50	56.21	
	38225	2617.5	-27.26	44.50	17.24	52.95	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 38							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	37800	2575.0	-17.69	44.34	26.65	462.49	H
	38000	2595.0	-17.47	44.20	26.73	470.65	
	38200	2615.0	-18.25	44.72	26.47	443.92	
	37800	2575.0	-21.79	44.23	22.44	175.23	V
	38000	2595.0	-21.53	44.09	22.56	180.22	
	38200	2615.0	-22.14	44.41	22.27	168.50	
Channel Bandwidth: 10 MHz / 16QAM							
X	37800	2575.0	-18.69	44.34	25.65	367.37	H
	38000	2595.0	-18.48	44.20	25.72	372.99	
	38200	2615.0	-19.25	44.72	25.47	352.61	
	37800	2575.0	-22.79	44.23	21.44	139.19	V
	38000	2595.0	-22.53	44.09	21.56	143.15	
	38200	2615.0	-23.15	44.41	21.26	133.54	
Channel Bandwidth: 10 MHz / 64QAM							
X	37800	2575.0	-19.69	44.34	24.65	291.81	H
	38000	2595.0	-19.48	44.20	24.72	296.28	
	38200	2615.0	-20.26	44.72	24.46	279.45	
	37800	2575.0	-23.79	44.23	20.44	110.56	V
	38000	2595.0	-23.52	44.09	20.57	113.97	
	38200	2615.0	-24.14	44.41	20.27	106.32	
Channel Bandwidth: 10 MHz / 256QAM							
X	37800	2575.0	-22.69	44.34	21.65	146.25	H
	38000	2595.0	-22.50	44.20	21.70	147.81	
	38200	2615.0	-23.26	44.72	21.46	140.06	
	37800	2575.0	-26.79	44.23	17.44	55.41	V
	38000	2595.0	-26.50	44.09	17.59	57.39	
	38200	2615.0	-27.14	44.41	17.27	53.28	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 38							
Channel Bandwidth: 15 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	37825	2577.5	-17.63	44.32	26.69	466.44	H
	38000	2595.0	-17.44	44.20	26.76	473.91	
	38175	2612.5	-18.34	44.85	26.51	447.51	
	37825	2577.5	-21.51	43.99	22.48	177.09	V
	38000	2595.0	-21.49	44.09	22.60	181.89	
	38175	2612.5	-22.20	44.51	22.31	170.22	
Channel Bandwidth: 15 MHz / 16QAM							
X	37825	2577.5	-18.63	44.32	25.69	370.51	H
	38000	2595.0	-18.45	44.20	25.75	375.58	
	38175	2612.5	-19.34	44.85	25.51	355.47	
	37825	2577.5	-22.52	43.99	21.47	140.35	V
	38000	2595.0	-22.50	44.09	21.59	144.15	
	38175	2612.5	-23.21	44.51	21.30	134.90	
Channel Bandwidth: 15 MHz / 64QAM							
X	37825	2577.5	-19.63	44.32	24.69	294.31	H
	38000	2595.0	-19.44	44.20	24.76	299.02	
	38175	2612.5	-20.34	44.85	24.51	282.36	
	37825	2577.5	-23.52	43.99	20.47	111.48	V
	38000	2595.0	-23.49	44.09	20.60	114.76	
	38175	2612.5	-24.20	44.51	20.31	107.40	
Channel Bandwidth: 15 MHz / 256QAM							
X	37825	2577.5	-22.62	44.32	21.70	147.84	H
	38000	2595.0	-22.45	44.20	21.75	149.52	
	38175	2612.5	-23.35	44.85	21.50	141.19	
	37825	2577.5	-26.51	43.99	17.48	56.00	V
	38000	2595.0	-26.49	44.09	17.60	57.52	
	38175	2612.5	-27.18	44.51	17.33	54.08	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 38							
Channel Bandwidth: 20 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	37850	2580.0	-17.43	44.16	26.73	470.98	H
	38000	2595.0	-17.40	44.20	26.80	478.30	
	38150	2610.0	-18.26	44.81	26.55	451.54	
	37850	2580.0	-22.25	44.78	22.53	179.06	V
	38000	2595.0	-21.46	44.09	22.63	183.15	
	38150	2610.0	-22.37	44.72	22.35	171.79	
Channel Bandwidth: 20 MHz / 16QAM							
X	37850	2580.0	-18.44	44.16	25.72	373.25	H
	38000	2595.0	-18.41	44.20	25.79	379.05	
	38150	2610.0	-19.26	44.81	25.55	358.67	
	37850	2580.0	-23.25	44.78	21.53	142.23	V
	38000	2595.0	-22.47	44.09	21.62	145.14	
	38150	2610.0	-23.37	44.72	21.35	136.46	
Channel Bandwidth: 20 MHz / 64QAM							
X	37850	2580.0	-19.44	44.16	24.72	296.48	H
	38000	2595.0	-19.40	44.20	24.80	301.79	
	38150	2610.0	-20.26	44.81	24.55	284.90	
	37850	2580.0	-24.25	44.78	20.53	112.98	V
	38000	2595.0	-23.48	44.09	20.61	115.03	
	38150	2610.0	-24.36	44.72	20.36	108.64	
Channel Bandwidth: 20 MHz / 256QAM							
X	37850	2580.0	-22.43	44.16	21.73	148.94	H
	38000	2595.0	-22.40	44.20	21.80	151.25	
	38150	2610.0	-23.26	44.81	21.55	142.79	
	37850	2580.0	-27.24	44.78	17.54	56.75	V
	38000	2595.0	-26.46	44.09	17.63	57.92	
	38150	2610.0	-27.36	44.72	17.36	54.45	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 41							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	39675	2498.5	-17.33	44.24	26.91	490.68	H
	40620	2593.0	-16.88	44.20	27.32	539.14	
	41565	2687.5	-17.63	44.80	27.17	521.31	
	39675	2498.5	-24.19	44.19	20.00	100.02	V
	40620	2593.0	-23.54	44.09	20.55	113.45	
	41565	2687.5	-24.19	44.50	20.31	107.37	
Channel Bandwidth: 5 MHz / 16QAM							
X	39675	2498.5	-18.34	44.24	25.90	388.87	H
	40620	2593.0	-17.89	44.20	26.31	427.27	
	41565	2687.5	-18.62	44.80	26.18	415.05	
	39675	2498.5	-25.20	44.19	18.99	79.27	V
	40620	2593.0	-24.53	44.09	19.56	90.32	
	41565	2687.5	-25.19	44.50	19.31	85.29	
Channel Bandwidth: 5 MHz / 64QAM							
X	39675	2498.5	-19.35	44.24	24.89	308.18	H
	40620	2593.0	-18.89	44.20	25.31	339.39	
	41565	2687.5	-19.62	44.80	25.18	329.69	
	39675	2498.5	-26.21	44.19	17.98	62.82	V
	40620	2593.0	-25.54	44.09	18.55	71.58	
	41565	2687.5	-26.20	44.50	18.30	67.59	
Channel Bandwidth: 5 MHz / 256QAM							
X	39675	2498.5	-22.35	44.24	21.89	154.45	H
	40620	2593.0	-21.88	44.20	22.32	170.49	
	41565	2687.5	-22.61	44.80	22.19	165.62	
	39675	2498.5	-29.21	44.19	14.98	31.48	V
	40620	2593.0	-28.54	44.09	15.55	35.88	
	41565	2687.5	-29.20	44.50	15.30	33.88	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 41							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	39700	2501.0	-17.39	44.34	26.95	495.56	H
	40620	2593.0	-16.84	44.20	27.36	544.13	
	41540	2685.0	-17.51	44.72	27.21	526.38	
	39700	2501.0	-24.19	44.23	20.04	100.83	V
	40620	2593.0	-23.50	44.09	20.59	114.50	
	41540	2685.0	-24.06	44.41	20.35	108.29	
Channel Bandwidth: 10 MHz / 16QAM							
X	39700	2501.0	-18.40	44.34	25.94	392.74	H
	40620	2593.0	-17.84	44.20	26.36	432.22	
	41540	2685.0	-18.52	44.72	26.20	417.16	
	39700	2501.0	-25.20	44.23	19.03	79.91	V
	40620	2593.0	-24.51	44.09	19.58	90.74	
	41540	2685.0	-25.06	44.41	19.35	86.02	
Channel Bandwidth: 10 MHz / 64QAM							
X	39700	2501.0	-19.40	44.34	24.94	311.96	H
	40620	2593.0	-18.84	44.20	25.36	343.32	
	41540	2685.0	-19.53	44.72	25.19	330.60	
	39700	2501.0	-26.21	44.23	18.02	63.33	V
	40620	2593.0	-25.50	44.09	18.59	72.24	
	41540	2685.0	-26.07	44.41	18.34	68.17	
Channel Bandwidth: 10 MHz / 256QAM							
X	39700	2501.0	-22.40	44.34	21.94	156.35	H
	40620	2593.0	-21.84	44.20	22.36	172.07	
	41540	2685.0	-22.52	44.72	22.20	166.07	
	39700	2501.0	-29.20	44.23	15.03	31.81	V
	40620	2593.0	-28.50	44.09	15.59	36.21	
	41540	2685.0	-29.07	44.41	15.34	34.17	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 41							
Channel Bandwidth: 15 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	39725	2503.5	-17.33	44.32	26.99	499.80	H
	40620	2593.0	-16.80	44.20	27.40	549.16	
	41515	2682.5	-17.60	44.85	27.25	530.64	
	39725	2503.5	-23.92	43.99	20.07	101.67	V
	40620	2593.0	-23.46	44.09	20.63	115.56	
	41515	2682.5	-24.12	44.51	20.39	109.40	
Channel Bandwidth: 15 MHz / 16QAM							
X	39725	2503.5	-18.33	44.32	25.99	397.01	H
	40620	2593.0	-17.81	44.20	26.39	435.21	
	41515	2682.5	-18.61	44.85	26.24	420.53	
	39725	2503.5	-24.92	43.99	19.07	80.76	V
	40620	2593.0	-24.46	44.09	19.63	91.79	
	41515	2682.5	-25.12	44.51	19.39	86.90	
Channel Bandwidth: 15 MHz / 64QAM							
X	39725	2503.5	-19.33	44.32	24.99	315.36	H
	40620	2593.0	-18.82	44.20	25.38	344.91	
	41515	2682.5	-19.60	44.85	25.25	334.81	
	39725	2503.5	-25.91	43.99	18.08	64.30	V
	40620	2593.0	-25.45	44.09	18.64	73.08	
	41515	2682.5	-26.11	44.51	18.40	69.18	
Channel Bandwidth: 15 MHz / 256QAM							
X	39725	2503.5	-22.33	44.32	21.99	158.05	H
	40620	2593.0	-21.82	44.20	22.38	172.86	
	41515	2682.5	-22.60	44.85	22.25	167.80	
	39725	2503.5	-28.91	43.99	15.08	32.23	V
	40620	2593.0	-28.46	44.09	15.63	36.54	
	41515	2682.5	-29.10	44.51	15.41	34.75	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 41							
Channel Bandwidth: 20 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	39750	2506.0	-17.13	44.16	27.03	504.66	H
	40620	2593.0	-16.76	44.20	27.44	554.24	
	41490	2680.0	-17.52	44.81	27.29	535.43	
	39750	2506.0	-24.67	44.78	20.11	102.57	V
	40620	2593.0	-23.42	44.09	20.67	116.63	
	41490	2680.0	-24.28	44.72	20.44	110.66	
Channel Bandwidth: 20 MHz / 16QAM							
X	39750	2506.0	-18.13	44.16	26.03	400.87	H
	40620	2593.0	-17.76	44.20	26.44	440.25	
	41490	2680.0	-18.53	44.81	26.28	424.33	
	39750	2506.0	-25.67	44.78	19.11	81.47	V
	40620	2593.0	-24.43	44.09	19.66	92.43	
	41490	2680.0	-25.29	44.72	19.43	87.70	
Channel Bandwidth: 20 MHz / 64QAM							
X	39750	2506.0	-19.13	44.16	25.03	318.42	H
	40620	2593.0	-18.75	44.20	25.45	350.51	
	41490	2680.0	-19.53	44.81	25.28	337.05	
	39750	2506.0	-26.68	44.78	18.10	64.57	V
	40620	2593.0	-25.44	44.09	18.65	73.25	
	41490	2680.0	-26.28	44.72	18.44	69.82	
Channel Bandwidth: 20 MHz / 256QAM							
X	39750	2506.0	-22.12	44.16	22.04	159.96	H
	40620	2593.0	-21.75	44.20	22.45	175.67	
	41490	2680.0	-22.53	44.81	22.28	168.93	
	39750	2506.0	-29.68	44.78	15.10	32.36	V
	40620	2593.0	-28.43	44.09	15.66	36.80	
	41490	2680.0	-29.28	44.72	15.44	34.99	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 66							
Channel Bandwidth: 1.4 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	131979	1710.7	-11.31	36.45	25.14	326.59	H
	132322	1745.0	-11.52	36.80	25.28	337.21	
	132665	1779.3	-12.01	36.94	24.93	311.39	
	131979	1710.7	-17.36	37.28	19.92	98.11	V
	132322	1745.0	-17.65	37.63	19.98	99.54	
	132665	1779.3	-17.91	37.64	19.73	93.97	
Channel Bandwidth: 1.4 MHz / 16QAM							
X	131979	1710.7	-12.33	36.45	24.12	258.23	H
	132322	1745.0	-12.52	36.80	24.28	267.86	
	132665	1779.3	-13.02	36.94	23.92	246.77	
	131979	1710.7	-18.36	37.28	18.92	77.93	V
	132322	1745.0	-18.64	37.63	18.99	79.25	
	132665	1779.3	-18.90	37.64	18.74	74.82	
Channel Bandwidth: 1.4 MHz / 64QAM							
X	131979	1710.7	-13.34	36.45	23.11	204.64	H
	132322	1745.0	-13.53	36.80	23.27	212.28	
	132665	1779.3	-14.03	36.94	22.91	195.57	
	131979	1710.7	-19.35	37.28	17.93	62.04	V
	132322	1745.0	-19.64	37.63	17.99	62.95	
	132665	1779.3	-19.91	37.64	17.73	59.29	
Channel Bandwidth: 1.4 MHz / 256QAM							
X	131979	1710.7	-16.34	36.45	20.11	102.57	H
	132322	1745.0	-16.53	36.80	20.27	106.39	
	132665	1779.3	-17.02	36.94	19.92	98.24	
	131979	1710.7	-22.35	37.28	14.93	31.10	V
	132322	1745.0	-22.63	37.63	15.00	31.62	
	132665	1779.3	-22.93	37.64	14.71	29.58	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 66							
Channel Bandwidth: 3 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	131987	1711.5	-11.26	36.45	25.19	330.37	H
	132322	1745.0	-11.47	36.80	25.33	341.11	
	132657	1778.5	-11.97	36.94	24.97	314.27	
	131987	1711.5	-17.32	37.28	19.96	99.01	V
	132322	1745.0	-17.61	37.63	20.02	100.46	
	132657	1778.5	-17.87	37.64	19.77	94.84	
Channel Bandwidth: 3 MHz / 16QAM							
X	131987	1711.5	-12.28	36.45	24.17	261.22	H
	132322	1745.0	-12.48	36.80	24.32	270.33	
	132657	1778.5	-12.97	36.94	23.97	249.63	
	131987	1711.5	-18.32	37.28	18.96	78.65	V
	132322	1745.0	-18.60	37.63	19.03	79.98	
	132657	1778.5	-18.87	37.64	18.77	75.34	
Channel Bandwidth: 3 MHz / 64QAM							
X	131987	1711.5	-13.29	36.45	23.16	207.01	H
	132322	1745.0	-13.47	36.80	23.33	215.23	
	132657	1778.5	-13.96	36.94	22.98	198.75	
	131987	1711.5	-19.32	37.28	17.96	62.47	V
	132322	1745.0	-19.61	37.63	18.02	63.39	
	132657	1778.5	-19.87	37.64	17.77	59.84	
Channel Bandwidth: 3 MHz / 256QAM							
X	131987	1711.5	-16.29	36.45	20.16	103.75	H
	132322	1745.0	-16.48	36.80	20.32	107.62	
	132657	1778.5	-16.98	36.94	19.96	99.15	
	131987	1711.5	-22.32	37.28	14.96	31.31	V
	132322	1745.0	-22.61	37.63	15.02	31.77	
	132657	1778.5	-22.87	37.64	14.77	29.99	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 66							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	131997	1712.5	-11.24	36.45	25.21	331.89	H
	132322	1745.0	-11.43	36.80	25.37	344.27	
	132647	1777.5	-11.92	36.94	25.02	317.91	
	131997	1712.5	-17.28	37.28	20.00	99.93	V
	132322	1745.0	-17.57	37.63	20.06	101.39	
	132647	1777.5	-17.83	37.64	19.81	95.72	
Channel Bandwidth: 5 MHz / 16QAM							
X	131997	1712.5	-12.24	36.45	24.21	263.63	H
	132322	1745.0	-12.43	36.80	24.37	273.46	
	132647	1777.5	-12.93	36.94	24.01	251.94	
	131997	1712.5	-18.27	37.28	19.01	79.56	V
	132322	1745.0	-18.56	37.63	19.07	80.72	
	132647	1777.5	-18.84	37.64	18.80	75.86	
Channel Bandwidth: 5 MHz / 64QAM							
X	131997	1712.5	-13.25	36.45	23.20	208.93	H
	132322	1745.0	-13.42	36.80	23.38	217.72	
	132647	1777.5	-13.93	36.94	23.01	200.12	
	131997	1712.5	-19.28	37.28	18.00	63.05	V
	132322	1745.0	-19.56	37.63	18.07	64.12	
	132647	1777.5	-19.85	37.64	17.79	60.12	
Channel Bandwidth: 5 MHz / 256QAM							
X	131997	1712.5	-16.25	36.45	20.20	104.71	H
	132322	1745.0	-16.42	36.80	20.38	109.12	
	132647	1777.5	-16.93	36.94	20.01	100.30	
	131997	1712.5	-22.28	37.28	15.00	31.60	V
	132322	1745.0	-22.57	37.63	15.06	32.06	
	132647	1777.5	-22.86	37.64	14.78	30.06	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 66							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	132022	1715.0	-11.39	36.64	25.25	334.97	H
	132322	1745.0	-11.40	36.80	25.40	346.34	
	132622	1775.0	-11.74	36.80	25.06	320.63	
	132022	1715.0	-17.40	37.44	20.04	100.90	V
	132322	1745.0	-17.54	37.63	20.09	102.07	
	132622	1775.0	-17.79	37.64	19.85	96.49	
Channel Bandwidth: 10 MHz / 16QAM							
X	132022	1715.0	-12.40	36.64	24.24	265.46	H
	132322	1745.0	-12.40	36.80	24.40	275.11	
	132622	1775.0	-12.74	36.80	24.06	254.68	
	132022	1715.0	-18.39	37.44	19.05	80.33	V
	132322	1745.0	-18.54	37.63	19.09	81.08	
	132622	1775.0	-18.80	37.64	18.84	76.47	
Channel Bandwidth: 10 MHz / 64QAM							
X	132022	1715.0	-13.40	36.64	23.24	210.86	H
	132322	1745.0	-13.41	36.80	23.39	218.02	
	132622	1775.0	-13.74	36.80	23.06	202.30	
	132022	1715.0	-19.40	37.44	18.04	63.66	V
	132322	1745.0	-19.54	37.63	18.09	64.40	
	132622	1775.0	-19.81	37.64	17.83	60.60	
Channel Bandwidth: 10 MHz / 256QAM							
X	132022	1715.0	-16.40	36.64	20.24	105.68	H
	132322	1745.0	-16.41	36.80	20.39	109.27	
	132622	1775.0	-16.74	36.80	20.06	101.39	
	132022	1715.0	-22.40	37.44	15.04	31.91	V
	132322	1745.0	-22.54	37.63	15.09	32.28	
	132622	1775.0	-22.81	37.64	14.83	30.37	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 66							
Channel Bandwidth: 15 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	132047	1717.5	-11.16	36.45	25.29	338.06	H
	132322	1745.0	-11.37	36.80	25.43	349.06	
	132597	1772.5	-11.84	36.94	25.10	323.82	
	132047	1717.5	-17.20	37.28	20.08	101.79	V
	132322	1745.0	-17.50	37.63	20.13	103.04	
	132597	1772.5	-17.75	37.64	19.89	97.50	
Channel Bandwidth: 15 MHz / 16QAM							
X	132047	1717.5	-12.17	36.45	24.28	267.92	H
	132322	1745.0	-12.38	36.80	24.42	276.63	
	132597	1772.5	-12.85	36.94	24.09	256.63	
	132047	1717.5	-18.21	37.28	19.07	80.67	V
	132322	1745.0	-18.51	37.63	19.12	81.66	
	132597	1772.5	-18.75	37.64	18.89	77.45	
Channel Bandwidth: 15 MHz / 64QAM							
X	132047	1717.5	-13.17	36.45	23.28	212.81	H
	132322	1745.0	-13.38	36.80	23.42	219.74	
	132597	1772.5	-13.84	36.94	23.10	204.31	
	132047	1717.5	-19.21	37.28	18.07	64.08	V
	132322	1745.0	-19.50	37.63	18.13	65.01	
	132597	1772.5	-19.76	37.64	17.88	61.38	
Channel Bandwidth: 15 MHz / 256QAM							
X	132047	1717.5	-16.17	36.45	20.28	106.66	H
	132322	1745.0	-16.38	36.80	20.42	110.13	
	132597	1772.5	-16.85	36.94	20.09	102.16	
	132047	1717.5	-22.21	37.28	15.07	32.11	V
	132322	1745.0	-22.50	37.63	15.13	32.58	
	132597	1772.5	-22.77	37.64	14.87	30.69	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 66							
Channel Bandwidth: 20 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	EIRP (dBm)	EIRP (mW)	Polarization (H/V)
X	132072	1720.0	-11.12	36.45	25.33	341.19	H
	132322	1745.0	-11.34	36.80	25.46	351.48	
	132572	1770.0	-11.80	36.94	25.14	326.81	
	132072	1720.0	-17.16	37.28	20.12	102.73	V
	132322	1745.0	-17.46	37.63	20.17	103.99	
	132572	1770.0	-17.72	37.64	19.92	98.17	
Channel Bandwidth: 20 MHz / 16QAM							
X	132072	1720.0	-12.12	36.45	24.33	271.02	H
	132322	1745.0	-12.35	36.80	24.45	278.55	
	132572	1770.0	-12.81	36.94	24.13	259.00	
	132072	1720.0	-18.16	37.28	19.12	81.60	V
	132322	1745.0	-18.47	37.63	19.16	82.41	
	132572	1770.0	-18.72	37.64	18.92	77.98	
Channel Bandwidth: 20 MHz / 64QAM							
X	132072	1720.0	-13.12	36.45	23.33	215.28	H
	132322	1745.0	-13.36	36.80	23.44	220.75	
	132572	1770.0	-13.80	36.94	23.14	206.21	
	132072	1720.0	-19.16	37.28	18.12	64.82	V
	132322	1745.0	-19.47	37.63	18.16	65.46	
	132572	1770.0	-19.71	37.64	17.93	62.09	
Channel Bandwidth: 20 MHz / 256QAM							
X	132072	1720.0	-16.12	36.45	20.33	107.89	H
	132322	1745.0	-16.35	36.80	20.45	110.89	
	132572	1770.0	-16.79	36.94	20.15	103.59	
	132072	1720.0	-22.16	37.28	15.12	32.49	V
	132322	1745.0	-22.48	37.63	15.15	32.73	
	132572	1770.0	-22.72	37.64	14.92	31.05	

Note: EIRP (dBm) = Reading (dBm) + Correction Factor (dB)

ERP (dBm)

LTE Band 12							
Channel Bandwidth: 1.4 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	23017	699.7	-8.46	30.57	22.11	162.52	H
	23095	707.5	-8.63	30.59	21.96	156.89	
	23173	715.3	-8.65	30.44	21.79	151.04	
	23017	699.7	-9.68	30.54	20.86	121.90	V
	23095	707.5	-10.11	30.66	20.55	113.50	
	23173	715.3	-10.19	30.59	20.40	109.65	
Channel Bandwidth: 1.4 MHz / 16QAM							
X	23017	699.7	-9.46	30.57	21.11	129.09	H
	23095	707.5	-9.64	30.59	20.95	124.34	
	23173	715.3	-9.66	30.44	20.78	119.70	
	23017	699.7	-10.68	30.54	19.86	96.83	V
	23095	707.5	-11.10	30.66	19.56	90.36	
	23173	715.3	-11.20	30.59	19.39	86.90	
Channel Bandwidth: 1.4 MHz / 64QAM							
X	23017	699.7	-10.46	30.57	20.11	102.54	H
	23095	707.5	-10.64	30.59	19.95	98.76	
	23173	715.3	-10.67	30.44	19.77	94.86	
	23017	699.7	-11.67	30.54	18.87	77.09	V
	23095	707.5	-12.11	30.66	18.55	71.61	
	23173	715.3	-12.20	30.59	18.39	69.02	
Channel Bandwidth: 1.4 MHz / 256QAM							
X	23017	699.7	-13.46	30.57	17.11	51.39	H
	23095	707.5	-13.63	30.59	16.96	49.61	
	23173	715.3	-13.67	30.44	16.77	47.54	
	23017	699.7	-14.68	30.54	15.86	38.55	V
	23095	707.5	-15.11	30.66	15.55	35.89	
	23173	715.3	-15.21	30.59	15.38	34.51	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 12							
Channel Bandwidth: 3 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	23025	700.5	-8.42	30.57	22.15	164.02	H
	23095	707.5	-8.60	30.59	21.99	157.98	
	23165	714.5	-8.61	30.44	21.83	152.44	
	23025	700.5	-9.65	30.54	20.89	122.74	V
	23095	707.5	-10.07	30.66	20.59	114.55	
	23165	714.5	-10.15	30.59	20.44	110.66	
Channel Bandwidth: 3 MHz / 16QAM							
X	23025	700.5	-9.43	30.57	21.14	129.99	H
	23095	707.5	-9.61	30.59	20.98	125.20	
	23165	714.5	-9.60	30.44	20.84	121.37	
	23025	700.5	-10.65	30.54	19.89	97.50	V
	23095	707.5	-11.08	30.66	19.58	90.78	
	23165	714.5	-11.15	30.59	19.44	87.90	
Channel Bandwidth: 3 MHz / 64QAM							
X	23025	700.5	-10.43	30.57	20.14	103.25	H
	23095	707.5	-10.62	30.59	19.97	99.22	
	23165	714.5	-10.61	30.44	19.83	96.18	
	23025	700.5	-11.64	30.54	18.90	77.62	V
	23095	707.5	-12.08	30.66	18.58	72.11	
	23165	714.5	-12.15	30.59	18.44	69.82	
Channel Bandwidth: 3 MHz / 256QAM							
X	23025	700.5	-13.42	30.57	17.15	51.87	H
	23095	707.5	-13.62	30.59	16.97	49.73	
	23165	714.5	-13.62	30.44	16.82	48.10	
	23025	700.5	-14.65	30.54	15.89	38.82	V
	23095	707.5	-15.08	30.66	15.58	36.14	
	23165	714.5	-15.15	30.59	15.44	34.99	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 12							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	23035	701.5	-8.38	30.57	22.19	165.54	H
	23095	707.5	-8.56	30.59	22.03	159.44	
	23155	713.5	-8.57	30.44	21.87	153.85	
	23035	701.5	-9.62	30.54	20.92	123.59	V
	23095	707.5	-10.03	30.66	20.63	115.61	
	23155	713.5	-10.11	30.59	20.48	111.69	
Channel Bandwidth: 5 MHz / 16QAM							
X	23035	701.5	-9.38	30.57	21.19	131.49	H
	23095	707.5	-9.57	30.59	21.02	126.36	
	23155	713.5	-9.57	30.44	20.87	122.21	
	23035	701.5	-10.61	30.54	19.93	98.40	V
	23095	707.5	-11.02	30.66	19.64	92.04	
	23155	713.5	-11.12	30.59	19.47	88.51	
Channel Bandwidth: 5 MHz / 64QAM							
X	23035	701.5	-10.38	30.57	20.19	104.45	H
	23095	707.5	-10.56	30.59	20.03	100.60	
	23155	713.5	-10.57	30.44	19.87	97.07	
	23035	701.5	-11.62	30.54	18.92	77.98	V
	23095	707.5	-12.03	30.66	18.63	72.95	
	23155	713.5	-12.11	30.59	18.48	70.47	
Channel Bandwidth: 5 MHz / 256QAM							
X	23035	701.5	-13.39	30.57	17.18	52.23	H
	23095	707.5	-13.56	30.59	17.03	50.42	
	23155	713.5	-13.58	30.44	16.86	48.54	
	23035	701.5	-14.61	30.54	15.93	39.17	V
	23095	707.5	-15.03	30.66	15.63	36.56	
	23155	713.5	-15.10	30.59	15.49	35.40	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 12							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	23060	704.0	-8.34	30.58	22.24	167.38	H
	23095	707.5	-8.52	30.59	22.07	161.03	
	23130	711.0	-8.67	30.58	21.91	155.17	
	23060	704.0	-9.64	30.60	20.96	124.74	V
	23095	707.5	-9.99	30.66	20.67	116.68	
	23130	711.0	-10.17	30.69	20.52	112.72	
Channel Bandwidth: 10 MHz / 16QAM							
X	23060	704.0	-9.34	30.58	21.24	132.95	H
	23095	707.5	-9.53	30.59	21.06	127.61	
	23130	711.0	-9.66	30.58	20.92	123.54	
	23060	704.0	-10.64	30.60	19.96	99.08	V
	23095	707.5	-11.00	30.66	19.66	92.47	
	23130	711.0	-11.18	30.69	19.51	89.33	
Channel Bandwidth: 10 MHz / 64QAM							
X	23060	704.0	-10.34	30.58	20.24	105.61	H
	23095	707.5	-10.52	30.59	20.07	101.60	
	23130	711.0	-10.66	30.58	19.92	98.13	
	23060	704.0	-11.63	30.60	18.97	78.89	V
	23095	707.5	-12.01	30.66	18.65	73.28	
	23130	711.0	-12.17	30.69	18.52	71.12	
Channel Bandwidth: 10 MHz / 256QAM							
X	23060	704.0	-13.35	30.58	17.23	52.81	H
	23095	707.5	-13.51	30.59	17.08	51.04	
	23130	711.0	-13.66	30.58	16.92	49.18	
	23060	704.0	-14.63	30.60	15.97	39.54	V
	23095	707.5	-15.01	30.66	15.65	36.73	
	23130	711.0	-15.17	30.69	15.52	35.65	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 13							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	23205	779.5	-8.61	30.62	22.01	158.89	H
	23230	782.0	-8.53	30.59	22.06	160.73	
	23255	784.5	-8.94	30.70	21.76	150.11	
	23205	779.5	-11.41	30.35	18.94	78.34	V
	23230	782.0	-11.28	30.37	19.09	81.10	
	23255	784.5	-11.73	30.47	18.74	74.82	
Channel Bandwidth: 5 MHz / 16QAM							
X	23205	779.5	-9.62	30.62	21.00	125.92	H
	23230	782.0	-9.54	30.59	21.05	127.38	
	23255	784.5	-9.94	30.70	20.76	119.23	
	23205	779.5	-12.40	30.35	17.95	62.37	V
	23230	782.0	-12.28	30.37	18.09	64.42	
	23255	784.5	-12.74	30.47	17.73	59.29	
Channel Bandwidth: 5 MHz / 64QAM							
X	23205	779.5	-10.62	30.62	20.00	100.02	H
	23230	782.0	-10.54	30.59	20.05	101.18	
	23255	784.5	-10.94	30.70	19.76	94.71	
	23205	779.5	-13.41	30.35	16.94	49.43	V
	23230	782.0	-13.29	30.37	17.08	51.05	
	23255	784.5	-13.74	30.47	16.73	47.10	
Channel Bandwidth: 5 MHz / 256QAM							
X	23205	779.5	-13.62	30.62	17.00	50.13	H
	23230	782.0	-13.55	30.59	17.04	50.59	
	23255	784.5	-13.94	30.70	16.76	47.47	
	23205	779.5	-16.42	30.35	13.93	24.72	V
	23230	782.0	-16.29	30.37	14.08	25.59	
	23255	784.5	-16.75	30.47	13.72	23.55	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 13							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	23230	782.0	-8.49	30.59	22.10	162.07	H
	23230	782.0	-11.24	30.37	19.13	81.85	V
Channel Bandwidth: 10 MHz / 16QAM							
X	23230	782.0	-9.50	30.59	21.09	128.44	H
	23230	782.0	-12.23	30.37	18.14	65.16	V
Channel Bandwidth: 10 MHz / 64QAM							
X	23230	782.0	-10.50	30.59	20.09	102.02	H
	23230	782.0	-13.24	30.37	17.13	51.64	V
Channel Bandwidth: 10 MHz / 256QAM							
X	23230	782.0	-13.51	30.59	17.08	51.02	H
	23230	782.0	-16.23	30.37	14.14	25.94	V

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 17							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	23755	706.5	-11.02	32.72	21.70	147.88	H
	23790	710.0	-10.83	32.74	21.91	155.10	
	23825	713.5	-10.73	32.59	21.86	153.50	
	23755	706.5	-15.88	32.69	16.81	47.97	V
	23790	710.0	-15.74	32.81	17.07	50.93	
	23825	713.5	-15.79	32.74	16.95	49.55	
Channel Bandwidth: 5 MHz / 16QAM							
X	23755	706.5	-12.03	32.72	20.69	117.19	H
	23790	710.0	-11.84	32.74	20.90	122.91	
	23825	713.5	-11.72	32.59	20.87	122.21	
	23755	706.5	-16.89	32.69	15.80	38.02	V
	23790	710.0	-16.75	32.81	16.06	40.36	
	23825	713.5	-16.78	32.74	15.96	39.45	
Channel Bandwidth: 5 MHz / 64QAM							
X	23755	706.5	-13.03	32.72	19.69	93.09	H
	23790	710.0	-12.85	32.74	19.89	97.41	
	23825	713.5	-12.71	32.59	19.88	97.30	
	23755	706.5	-17.89	32.69	14.80	30.20	V
	23790	710.0	-17.75	32.81	15.06	32.06	
	23825	713.5	-17.79	32.74	14.95	31.26	
Channel Bandwidth: 5 MHz / 256QAM							
X	23755	706.5	-16.02	32.72	16.70	46.76	H
	23790	710.0	-15.85	32.74	16.89	48.82	
	23825	713.5	-15.72	32.59	16.87	48.65	
	23755	706.5	-20.89	32.69	11.80	15.14	V
	23790	710.0	-20.74	32.81	12.07	16.11	
	23825	713.5	-20.80	32.74	11.94	15.63	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 17							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	23780	709.0	-10.99	32.73	21.74	149.18	H
	23790	710.0	-10.79	32.74	21.95	156.64	
	23800	711.0	-10.83	32.73	21.90	154.81	
	23780	709.0	-15.89	32.75	16.86	48.53	V
	23790	710.0	-15.71	32.81	17.10	51.29	
	23800	711.0	-15.83	32.84	17.01	50.23	
Channel Bandwidth: 10 MHz / 16QAM							
X	23780	709.0	-11.99	32.73	20.74	118.49	H
	23790	710.0	-11.80	32.74	20.94	124.14	
	23800	711.0	-11.82	32.73	20.91	123.25	
	23780	709.0	-16.89	32.75	15.86	38.55	V
	23790	710.0	-16.71	32.81	16.10	40.74	
	23800	711.0	-16.83	32.84	16.01	39.90	
Channel Bandwidth: 10 MHz / 64QAM							
X	23780	709.0	-13.00	32.73	19.73	93.91	H
	23790	710.0	-12.81	32.74	19.93	98.38	
	23800	711.0	-12.82	32.73	19.91	97.90	
	23780	709.0	-17.90	32.75	14.85	30.55	V
	23790	710.0	-17.71	32.81	15.10	32.36	
	23800	711.0	-17.83	32.84	15.01	31.70	
Channel Bandwidth: 10 MHz / 256QAM							
X	23780	709.0	-16.01	32.73	16.72	46.96	H
	23790	710.0	-15.82	32.74	16.92	49.19	
	23800	711.0	-15.83	32.73	16.90	48.96	
	23780	709.0	-20.91	32.75	11.84	15.28	V
	23790	710.0	-20.70	32.81	12.11	16.26	
	23800	711.0	-20.82	32.84	12.02	15.92	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 71							
Channel Bandwidth: 5 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	133147	665.5	-12.33	32.72	20.39	109.37	H
	133297	680.5	-12.40	32.74	20.34	108.04	
	133447	695.5	-12.39	32.59	20.20	104.74	
	133147	665.5	-17.69	32.69	15.00	31.62	V
	133297	680.5	-17.89	32.81	14.92	31.05	
	133447	695.5	-17.95	32.74	14.79	30.13	
Channel Bandwidth: 5 MHz / 16QAM							
X	133147	665.5	-13.24	32.72	19.48	88.70	H
	133297	680.5	-13.41	32.74	19.33	85.62	
	133447	695.5	-13.39	32.59	19.20	83.20	
	133147	665.5	-18.69	32.69	14.00	25.12	V
	133297	680.5	-18.88	32.81	13.93	24.72	
	133447	695.5	-18.96	32.74	13.78	23.88	
Channel Bandwidth: 5 MHz / 64QAM							
X	133147	665.5	-14.24	32.72	18.48	70.45	H
	133297	680.5	-14.40	32.74	18.34	68.17	
	133447	695.5	-14.39	32.59	18.20	66.08	
	133147	665.5	-19.70	32.69	12.99	19.91	V
	133297	680.5	-19.89	32.81	12.92	19.59	
	133447	695.5	-19.95	32.74	12.79	19.01	
Channel Bandwidth: 5 MHz / 256QAM							
X	133147	665.5	-17.24	32.72	15.48	35.31	H
	133297	680.5	-17.41	32.74	15.33	34.09	
	133447	695.5	-17.38	32.59	15.21	33.20	
	133147	665.5	-22.71	32.69	9.98	9.95	V
	133297	680.5	-22.89	32.81	9.92	9.82	
	133447	695.5	-22.95	32.74	9.79	9.53	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 71							
Channel Bandwidth: 10 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	133172	668.0	-12.29	32.72	20.43	110.38	H
	133297	680.5	-12.39	32.74	20.35	108.29	
	133422	693.0	-12.34	32.59	20.25	105.95	
	133172	668.0	-17.66	32.69	15.03	31.84	V
	133297	680.5	-17.85	32.81	14.96	31.33	
	133422	693.0	-17.91	32.74	14.83	30.41	
Channel Bandwidth: 10 MHz / 16QAM							
X	133172	668.0	-13.29	32.72	19.43	87.68	H
	133297	680.5	-13.40	32.74	19.34	85.82	
	133422	693.0	-13.35	32.59	19.24	83.97	
	133172	668.0	-18.65	32.69	14.04	25.35	V
	133297	680.5	-18.84	32.81	13.97	24.95	
	133422	693.0	-18.92	32.74	13.82	24.10	
Channel Bandwidth: 10 MHz / 64QAM							
X	133172	668.0	-14.30	32.72	18.42	69.49	H
	133297	680.5	-14.41	32.74	18.33	68.01	
	133422	693.0	-14.35	32.59	18.24	66.70	
	133172	668.0	-19.65	32.69	13.04	20.14	V
	133297	680.5	-19.83	32.81	12.98	19.86	
	133422	693.0	-19.92	32.74	12.82	19.14	
Channel Bandwidth: 10 MHz / 256QAM							
X	133172	668.0	-17.31	32.72	15.41	34.75	H
	133297	680.5	-17.42	32.74	15.32	34.01	
	133422	693.0	-17.36	32.59	15.23	33.35	
	133172	668.0	-22.65	32.69	10.04	10.09	V
	133297	680.5	-22.84	32.81	9.97	9.93	
	133422	693.0	-22.91	32.74	9.83	9.62	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 71							
Channel Bandwidth: 15 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	133197	670.5	-12.25	32.72	20.47	111.40	H
	133297	680.5	-12.36	32.74	20.38	109.04	
	133397	690.5	-12.30	32.59	20.29	106.93	
	133197	670.5	-17.61	32.69	15.08	32.21	V
	133297	680.5	-17.81	32.81	15.00	31.62	
	133397	690.5	-17.87	32.74	14.87	30.69	
Channel Bandwidth: 15 MHz / 16QAM							
X	133197	670.5	-13.26	32.72	19.46	88.29	H
	133297	680.5	-13.37	32.74	19.37	86.42	
	133397	690.5	-13.29	32.59	19.30	85.13	
	133197	670.5	-18.60	32.69	14.09	25.64	V
	133297	680.5	-18.81	32.81	14.00	25.12	
	133397	690.5	-18.86	32.74	13.88	24.43	
Channel Bandwidth: 15 MHz / 64QAM							
X	133197	670.5	-14.26	32.72	18.46	70.13	H
	133297	680.5	-14.38	32.74	18.36	68.49	
	133397	690.5	-14.30	32.59	18.29	67.47	
	133197	670.5	-19.61	32.69	13.08	20.32	V
	133297	680.5	-19.80	32.81	13.01	20.00	
	133397	690.5	-19.85	32.74	12.89	19.45	
Channel Bandwidth: 15 MHz / 256QAM							
X	133197	670.5	-17.26	32.72	15.46	35.15	H
	133297	680.5	-17.39	32.74	15.35	34.25	
	133397	690.5	-17.30	32.59	15.29	33.81	
	133197	670.5	-22.61	32.69	10.08	10.19	V
	133297	680.5	-22.81	32.81	10.00	10.00	
	133397	690.5	-22.84	32.74	9.90	9.77	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

LTE Band 71							
Channel Bandwidth: 20 MHz / QPSK							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
X	133222	673.0	-12.21	32.73	20.52	112.64	H
	133297	680.5	-12.33	32.74	20.41	109.88	
	133372	688.0	-12.41	32.73	20.32	107.60	
	133222	673.0	-17.64	32.75	15.11	32.43	V
	133297	680.5	-17.77	32.81	15.04	31.92	
	133372	688.0	-17.93	32.84	14.91	30.97	
Channel Bandwidth: 20 MHz / 16QAM							
X	133222	673.0	-13.21	32.73	19.52	89.47	H
	133297	680.5	-13.34	32.74	19.40	87.08	
	133372	688.0	-13.40	32.73	19.33	85.66	
	133222	673.0	-18.64	32.75	14.11	25.76	V
	133297	680.5	-18.77	32.81	14.04	25.35	
	133372	688.0	-18.92	32.84	13.92	24.66	
Channel Bandwidth: 20 MHz / 64QAM							
X	133222	673.0	-14.21	32.73	18.52	71.07	H
	133297	680.5	-14.34	32.74	18.40	69.17	
	133372	688.0	-14.39	32.73	18.34	68.20	
	133222	673.0	-19.36	32.75	13.39	21.81	V
	133297	680.5	-19.78	32.81	13.03	20.09	
	133372	688.0	-19.92	32.84	12.92	19.59	
Channel Bandwidth: 20 MHz / 256QAM							
X	133222	673.0	-17.21	32.73	15.52	35.62	H
	133297	680.5	-17.35	32.74	15.39	34.59	
	133372	688.0	-17.39	32.73	15.34	34.18	
	133222	673.0	-22.36	32.75	10.39	10.94	V
	133297	680.5	-22.79	32.81	10.02	10.05	
	133372	688.0	-22.92	32.84	9.92	9.82	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB)

4.2 Radiated Emission Measurement

4.2.1 Limits of Radiated Emission Measurement

For WCDMA Band 4, LTE Band 4, LTE Band 66:

According to FCC 27.53(h) for operations in the 1695-1710MHz, 1710-1755MHz, 1755-1780 MHz, 1915-1920MHz, 1995-2000 MHz, 2000-2020MHz, 2110-2155MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log (P)$ dB.

For LTE Band 7, LTE Band 38, LTE Band 41:

In the FCC 27.53(m)(4), On any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least $55 + 10 \log (P)$ dB. The emission limit equal to -25dBm .

For LTE Band 12, LTE Band 17, LTE Band 71:

According to FCC 27.53(g) for operations in the 600 MHz band and the 698-746 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. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater.

For LTE Band 13:

According to FCC 27.53(c)(2) for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB.

According to FCC 27.53(f) for operations in the 775-788 MHz, emissions in the band 1559-1610MHz shall be limited to -70 dBW/MHz . The limit of emissions is equal to -40 dBm

For LTE Band 30:

According to FCC 27.53(a)(4)(ii)(iii), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $70 + 10 \log (P)$ dB. The limit of emission is equal to -40 dBm .

4.2.2 Test Procedure

- a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) 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 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. $\text{EIRP} = \text{Output power level} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$. Correction Factor (includes EIRP and ERP unit conversion factor) = $\text{Antenna gain of substitution horn} - \text{Tx cable loss}$. Measurement method refers to ANSI C63.26 section 5.5 and 5.2.7.
- c. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $\text{E.R.P power} = \text{E.I.R.P power} - 2.15 \text{ dB}$.

Note:

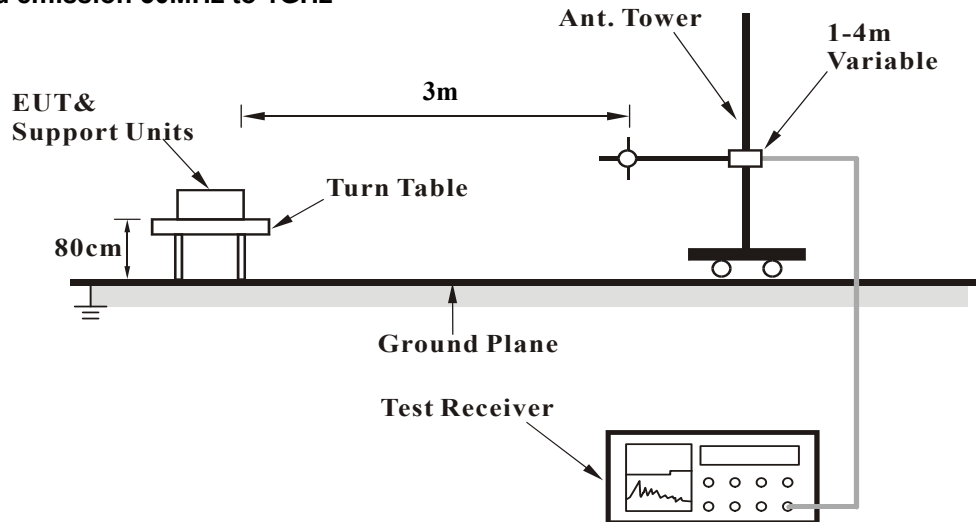
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:
The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

4.2.3 Deviation from Test Standard

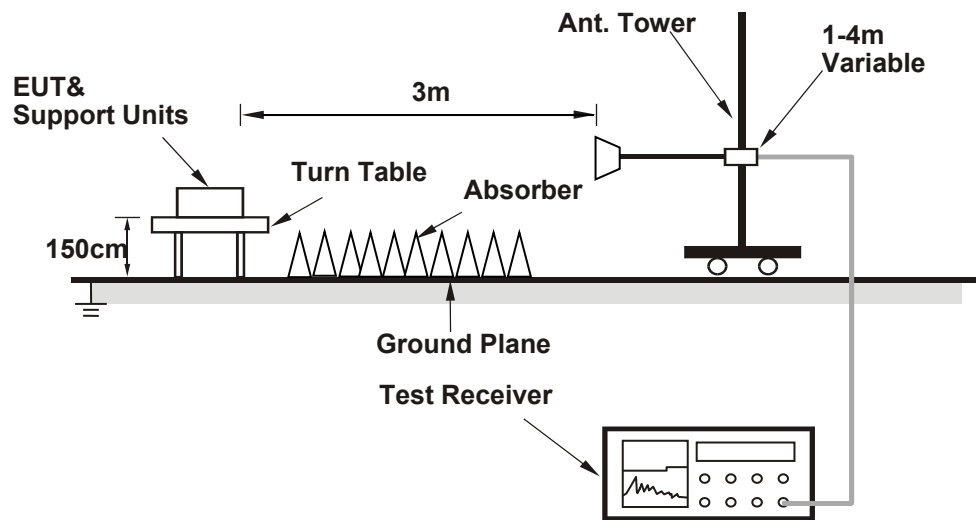
No deviation.

4.2.4 Test Setup

For radiated emission 30MHz to 1GHz



For radiated emission above 1GHz



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

4.2.5 Test Results

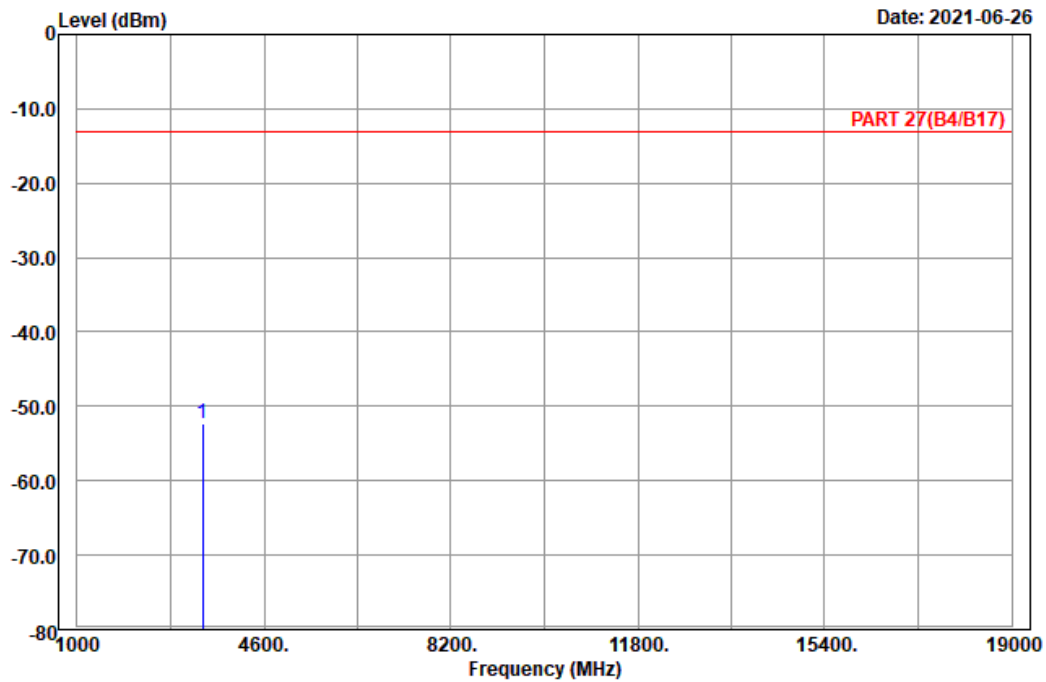
WCDMA:
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : Band IV_Link_L-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	pp 3424.80	-52.31	-66.68	14.37	-13.00	-39.31	Peak

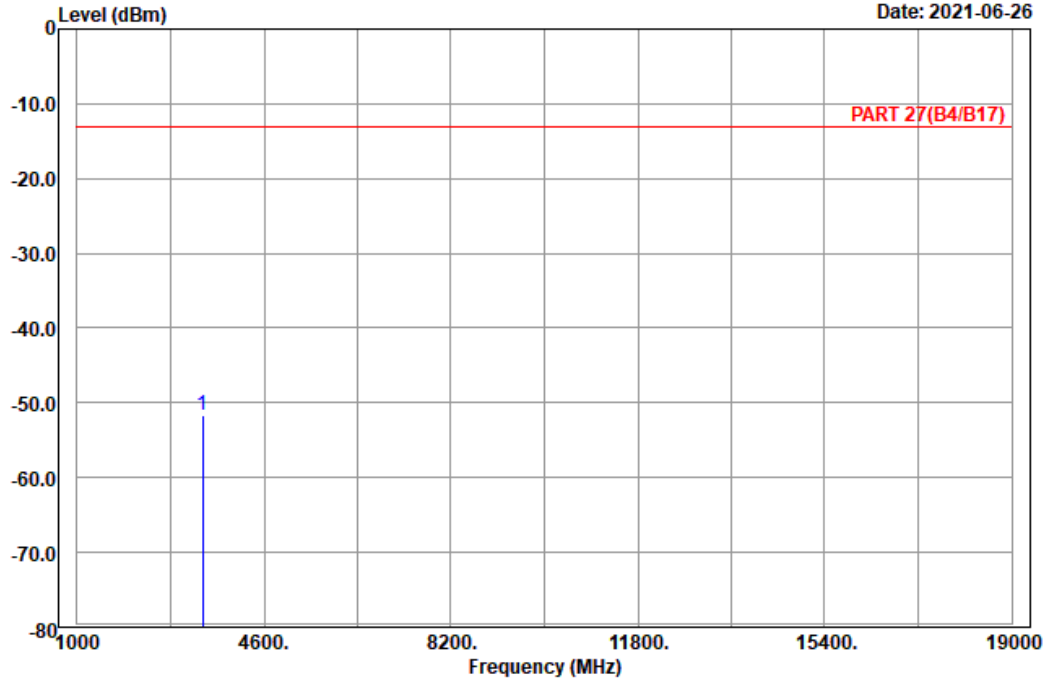


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : Band IV_Link_L-Ch
 Tested by: Karl Lee

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3424.80	-51.58	-65.95	14.37	-13.00	-38.58	Peak

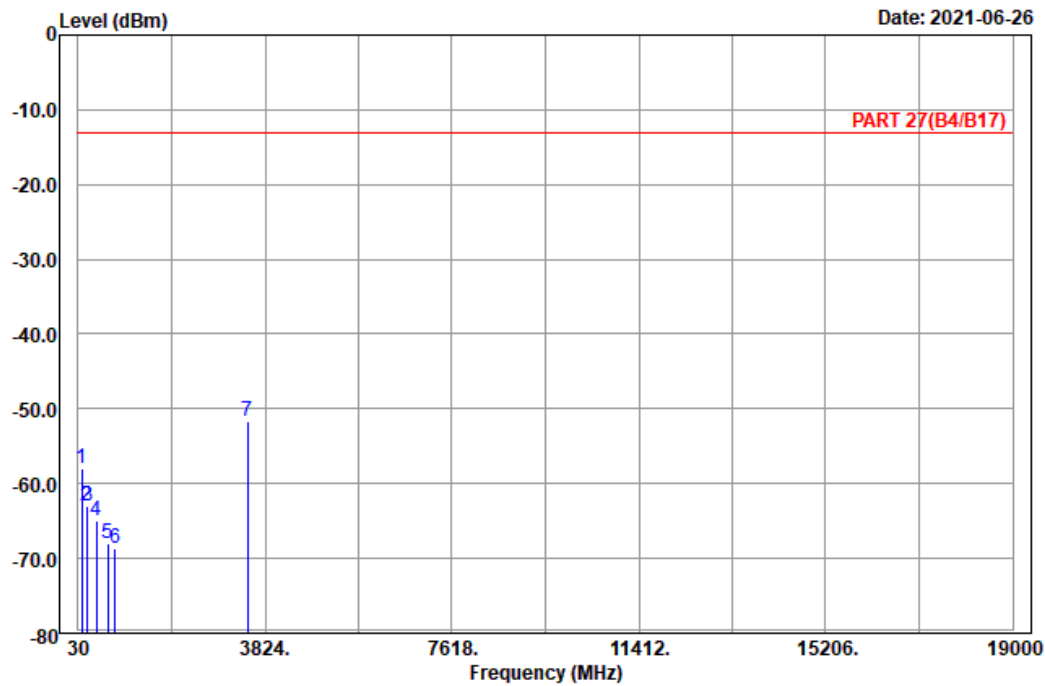
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 7



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : Band IV_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	98.58	-58.08	-47.90	-10.18	-13.00	-45.08	Peak
2	197.94	-62.94	-56.85	-6.09	-13.00	-49.94	Peak
3	213.06	-62.96	-56.96	-6.00	-13.00	-49.96	Peak
4	402.90	-64.86	-62.06	-2.80	-13.00	-51.86	Peak
5	633.90	-67.97	-68.01	0.04	-13.00	-54.97	Peak
6	775.30	-68.62	-68.97	0.35	-13.00	-55.62	Peak
7 pp	3465.20	-51.67	-66.01	14.34	-13.00	-38.67	Peak

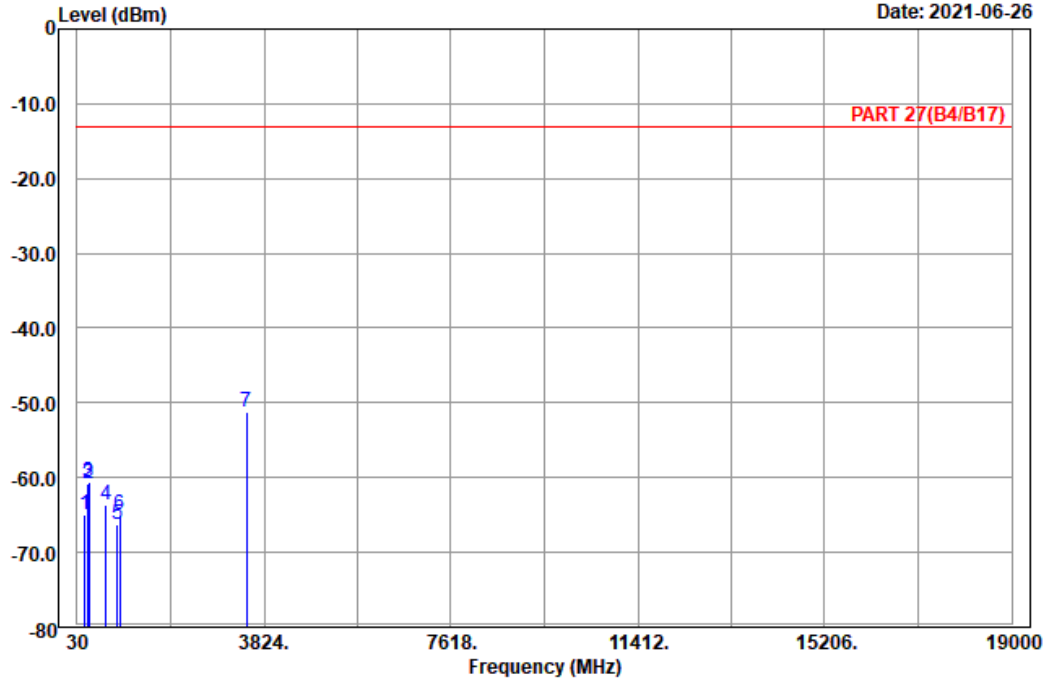


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 8

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : Band IV_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	192.27	-64.95	-59.13	-5.82	-13.00	-51.95	Peak
2	254.64	-60.87	-55.32	-5.55	-13.00	-47.87	Peak
3	271.65	-60.49	-54.79	-5.70	-13.00	-47.49	Peak
4	612.20	-63.71	-64.00	0.29	-13.00	-50.71	Peak
5	854.40	-66.23	-67.82	1.59	-13.00	-53.23	Peak
6	891.50	-64.85	-67.49	2.64	-13.00	-51.85	Peak
7 pp	3465.20	-51.15	-65.49	14.34	-13.00	-38.15	Peak

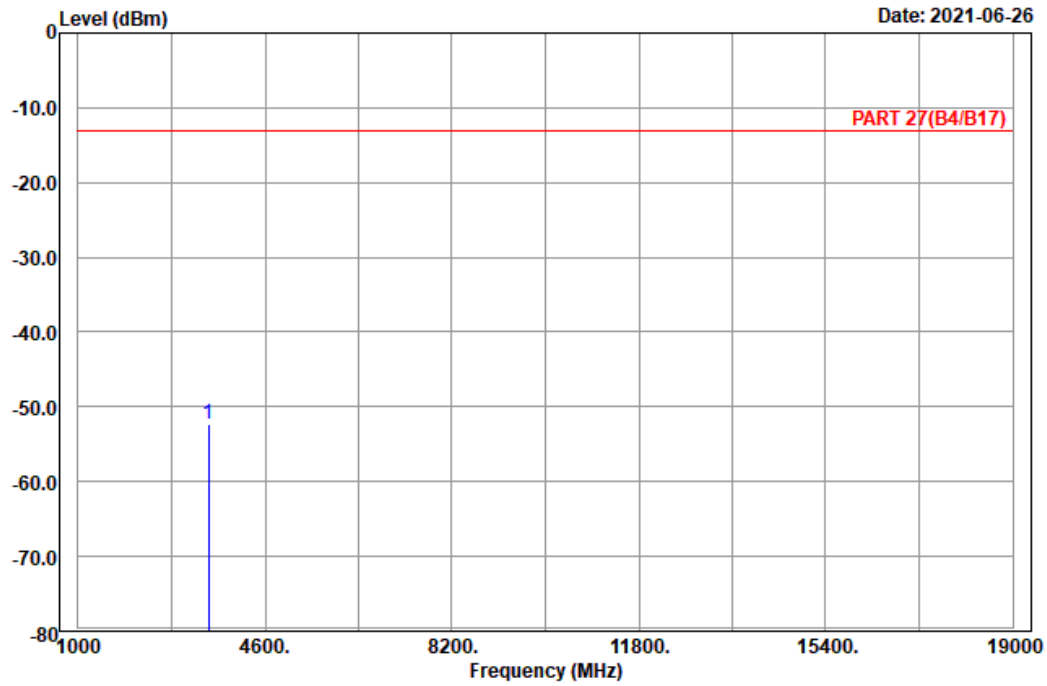
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : Band IV_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	pp	3505.20	-52.32	-66.60	14.28	-13.00	-39.32 Peak

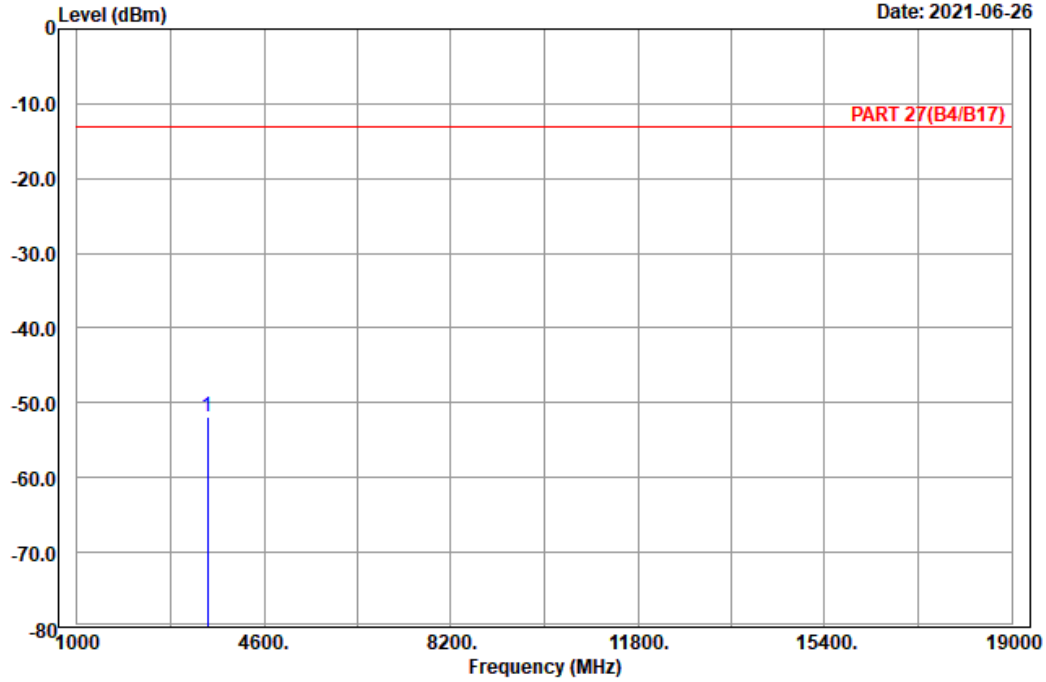


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : Band IV_Link_H-Ch
 Tested by: Karl Lee

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3505.20	-51.95	-66.23	14.28	-13.00	-38.95	Peak

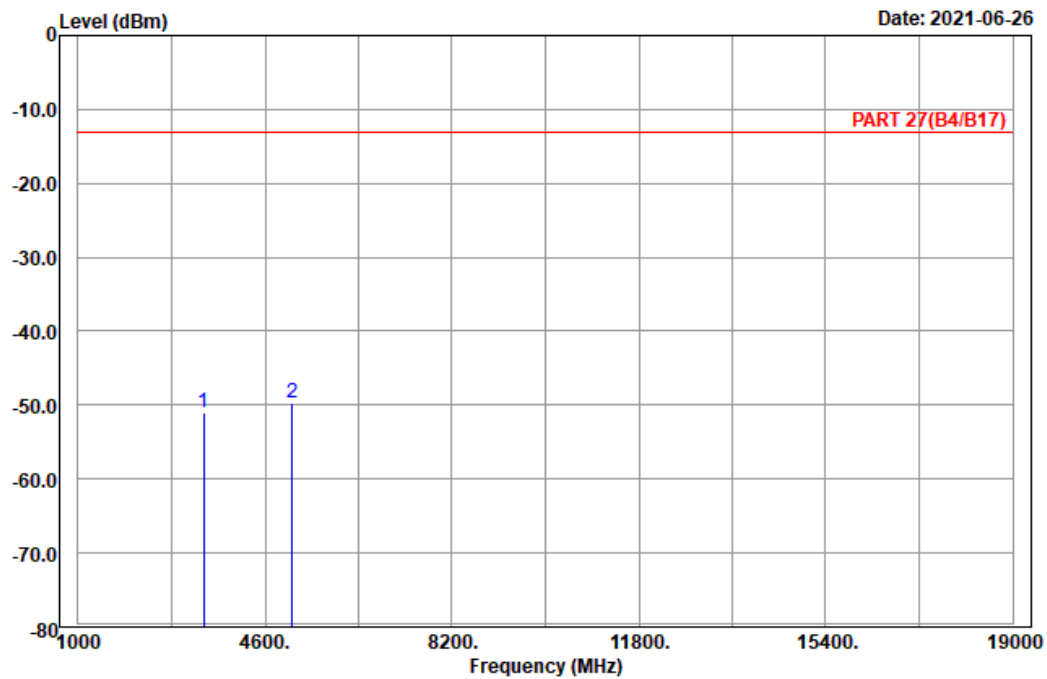
LTE Band 4
Channel Bandwidth: 1.4 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : LTE_Band 4_Link_L-Ch
Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3421.40	-50.96	-65.33	14.37	-13.00	-37.96	Peak
2 pp	5132.10	-49.76	-69.57	19.81	-13.00	-36.76	Peak

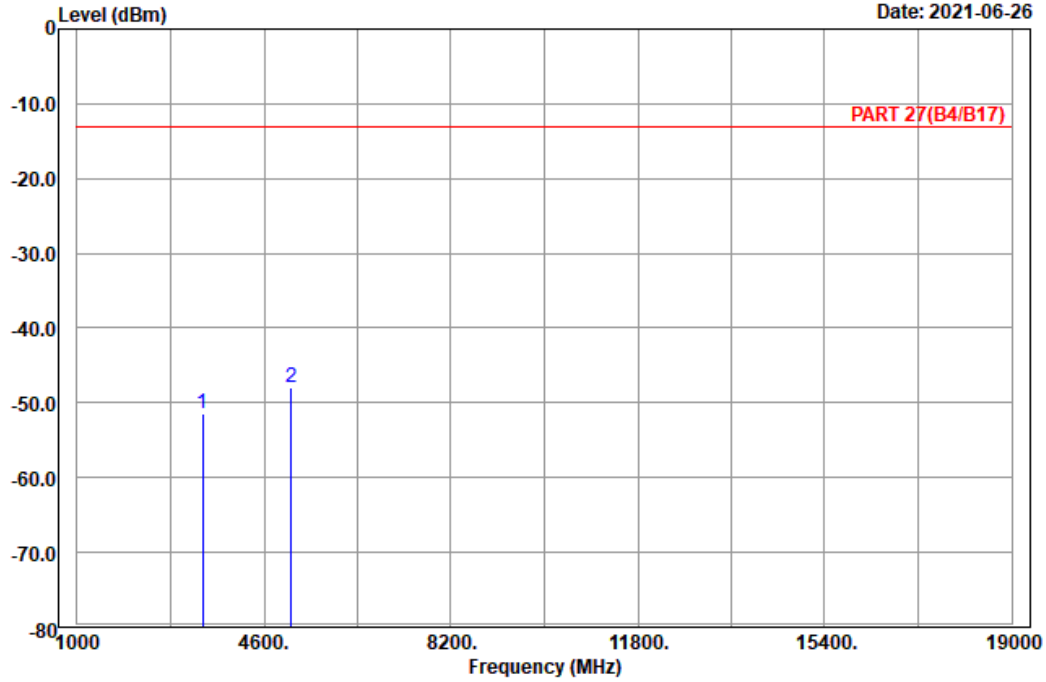


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3421.40	-51.39	-65.76	14.37	-13.00	-38.39	Peak
2	pp 5132.10	-47.96	-67.77	19.81	-13.00	-34.96	Peak

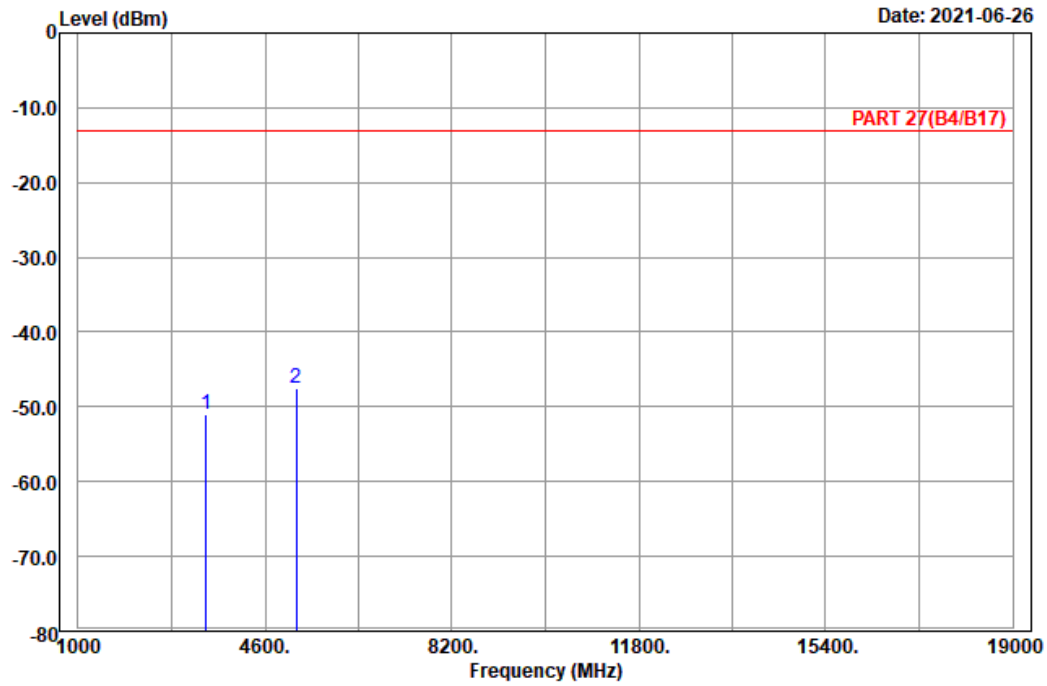
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3465.00	-51.01	-65.35	14.34	-13.00	-38.01	Peak
2 pp	5197.50	-47.49	-67.61	20.12	-13.00	-34.49	Peak

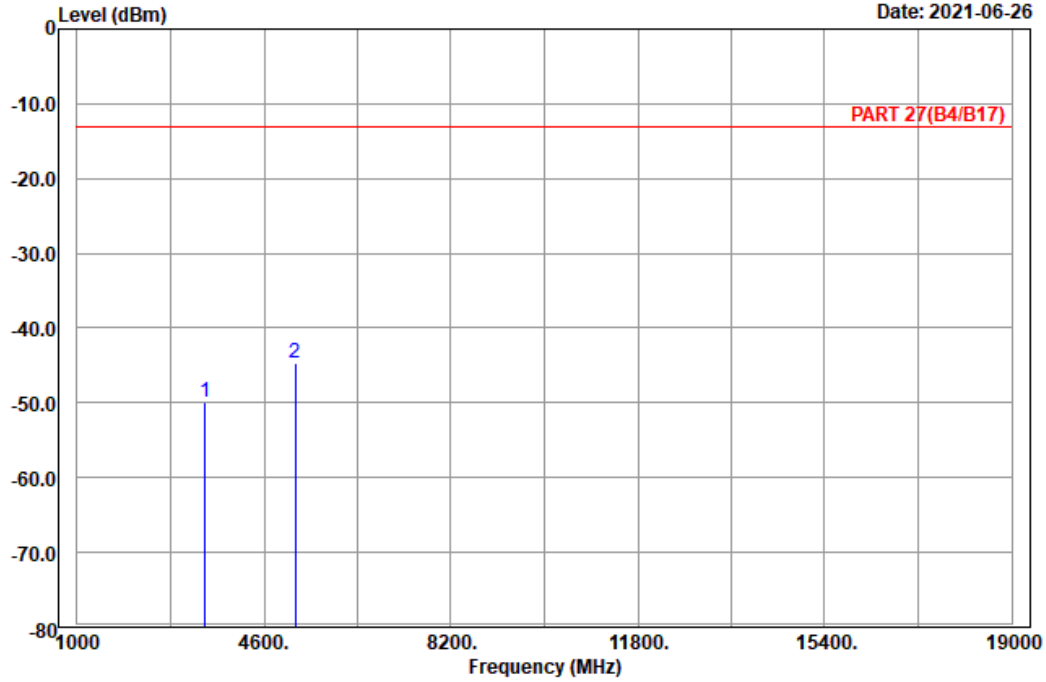


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3465.00	-49.87	-64.21	14.34	-13.00	-36.87	Peak
2	5197.50	-44.66	-64.78	20.12	-13.00	-31.66	Peak

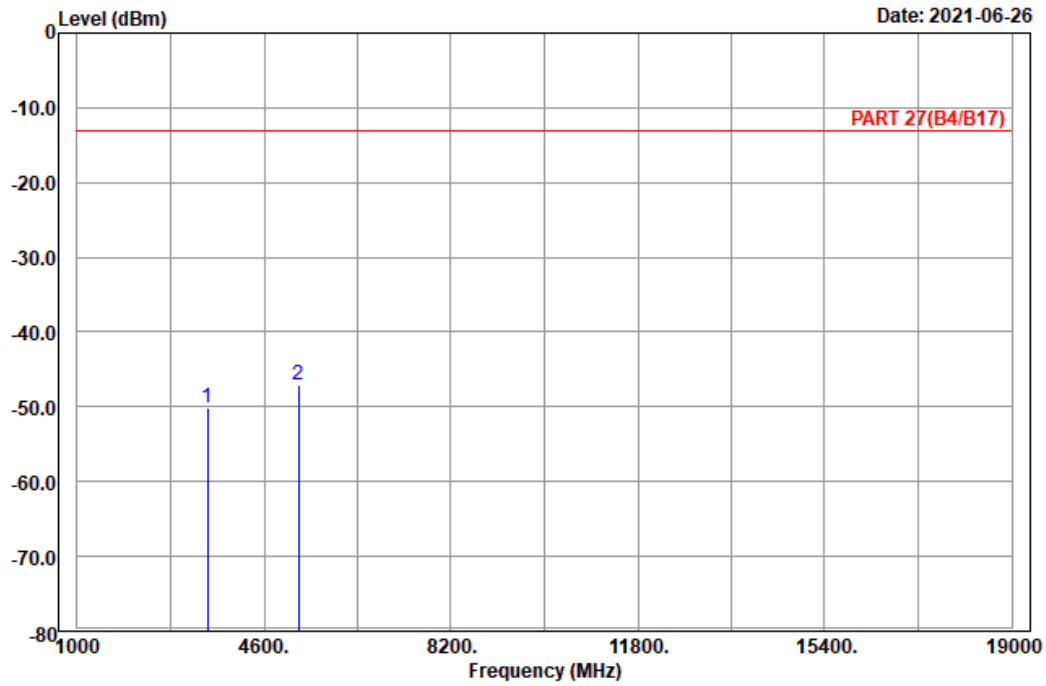
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3508.60	-50.03	-64.31	14.28	-13.00	-37.03	Peak
2 pp	5262.90	-47.01	-67.21	20.20	-13.00	-34.01	Peak

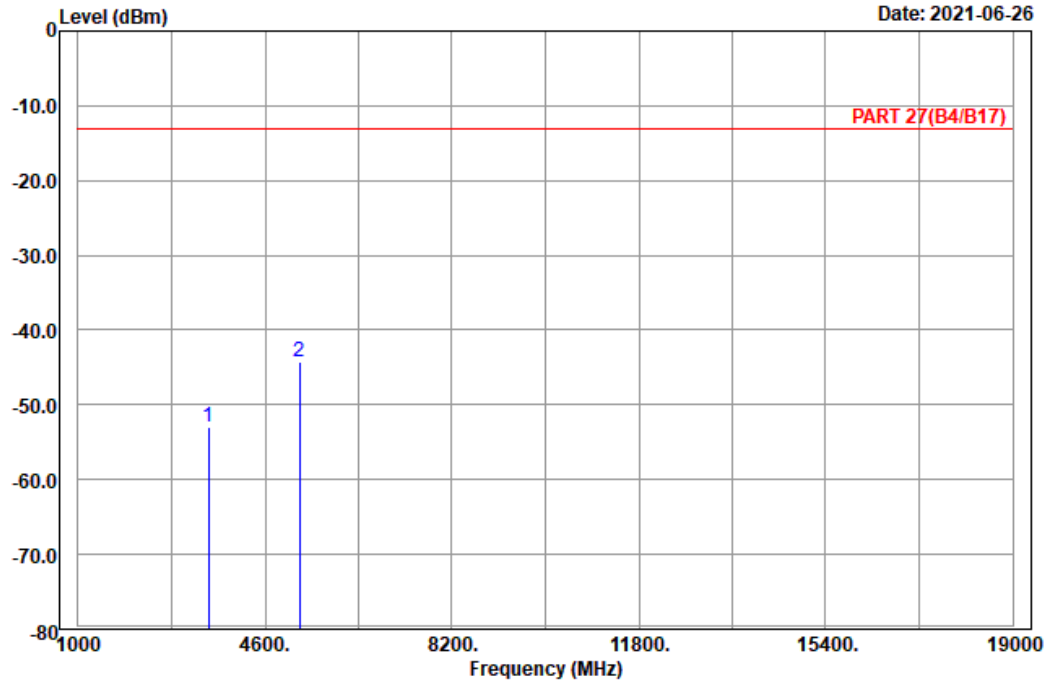


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3508.60	-52.90	-67.18	14.28	-13.00	-39.90	Peak
2	pp 5262.90	-44.30	-64.50	20.20	-13.00	-31.30	Peak

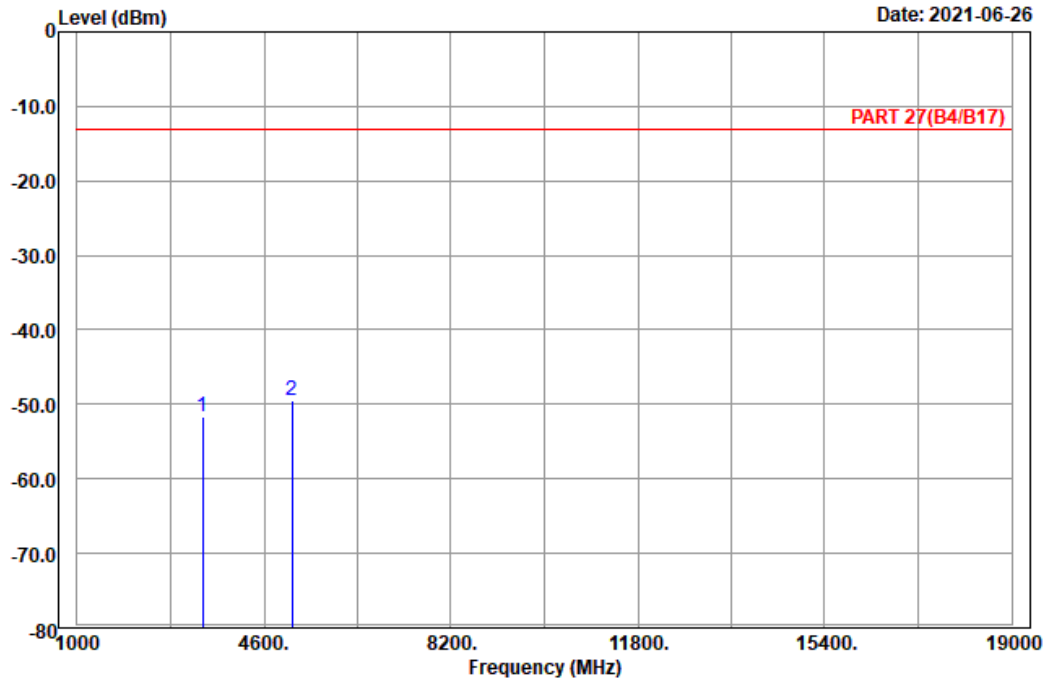
Channel Bandwidth: 5 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3425.00	-51.75	-66.12	14.37	-13.00	-38.75	Peak
2 pp	5137.50	-49.54	-69.35	19.81	-13.00	-36.54	Peak

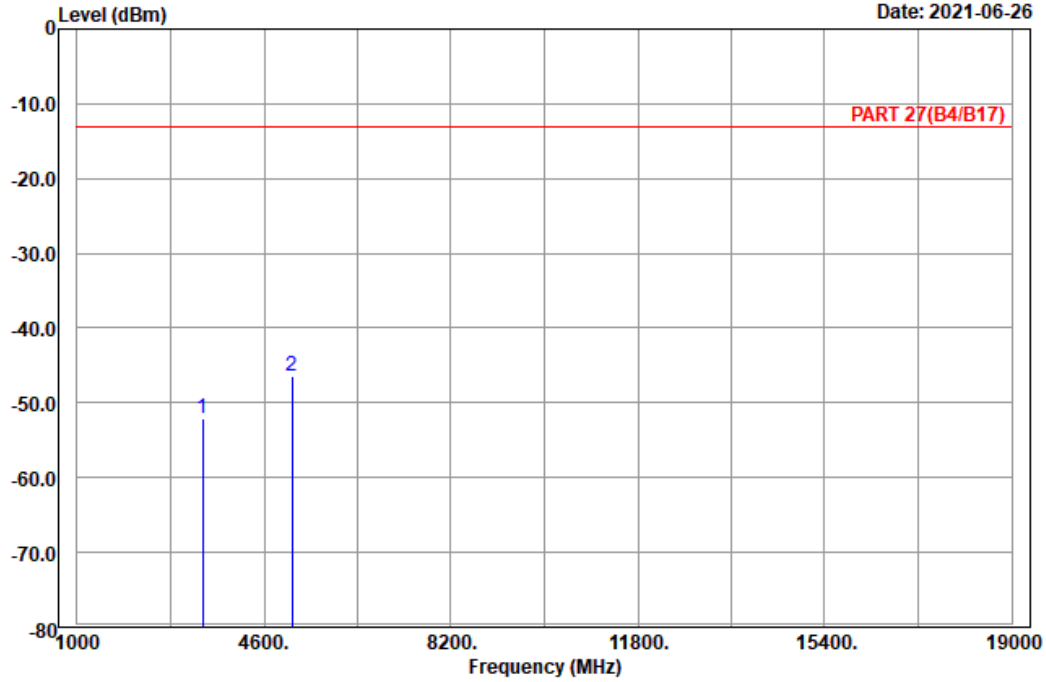


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3425.00	-52.10	-66.47	14.37	-13.00	-39.10	Peak
2	pp 5137.50	-46.47	-66.28	19.81	-13.00	-33.47	Peak

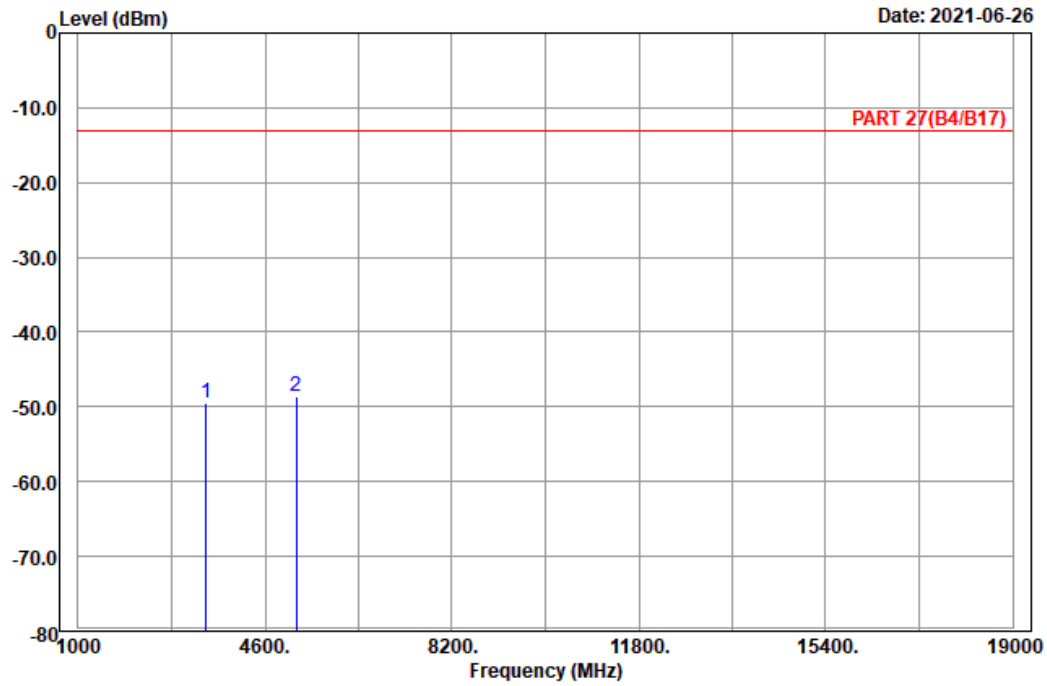
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3465.00	-49.47	-63.81	14.34	-13.00	-36.47	Peak
2 pp	5197.50	-48.68	-68.80	20.12	-13.00	-35.68	Peak

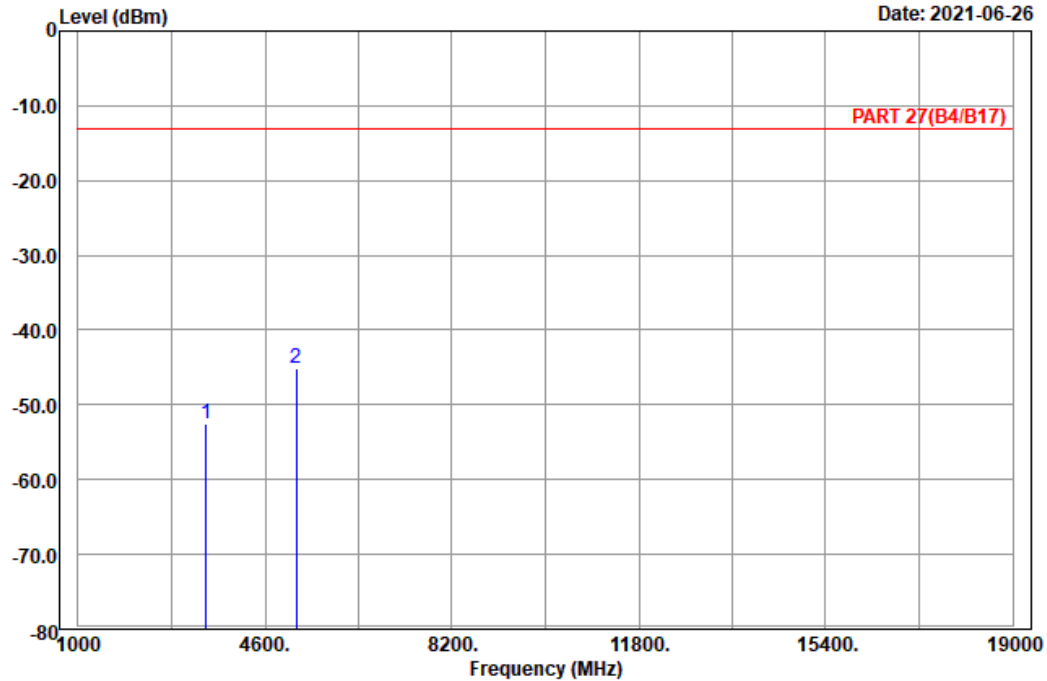


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3465.00	-52.47	-66.81	14.34	-13.00	-39.47	Peak
2	pp 5197.50	-45.22	-65.34	20.12	-13.00	-32.22	Peak

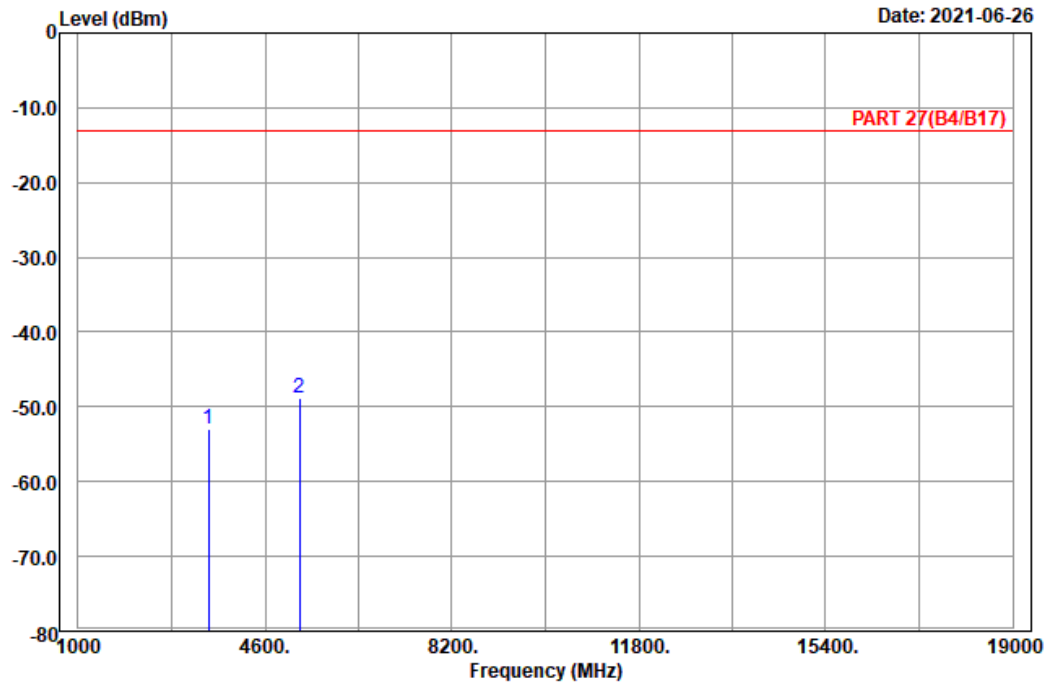
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3505.00	-52.89	-67.17	14.28	-13.00	-39.89	Peak
2	5257.50	-48.82	-69.02	20.20	-13.00	-35.82	Peak

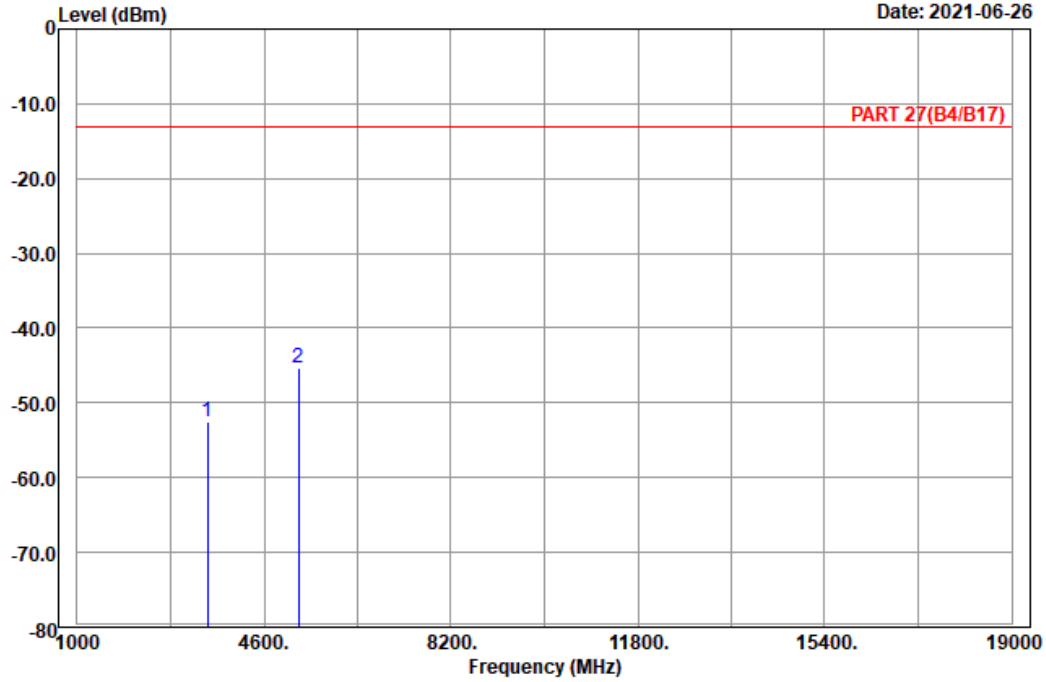


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3505.00	-52.50	-66.78	14.28	-13.00	-39.50	Peak
2	5257.50	-45.31	-65.51	20.20	-13.00	-32.31	Peak

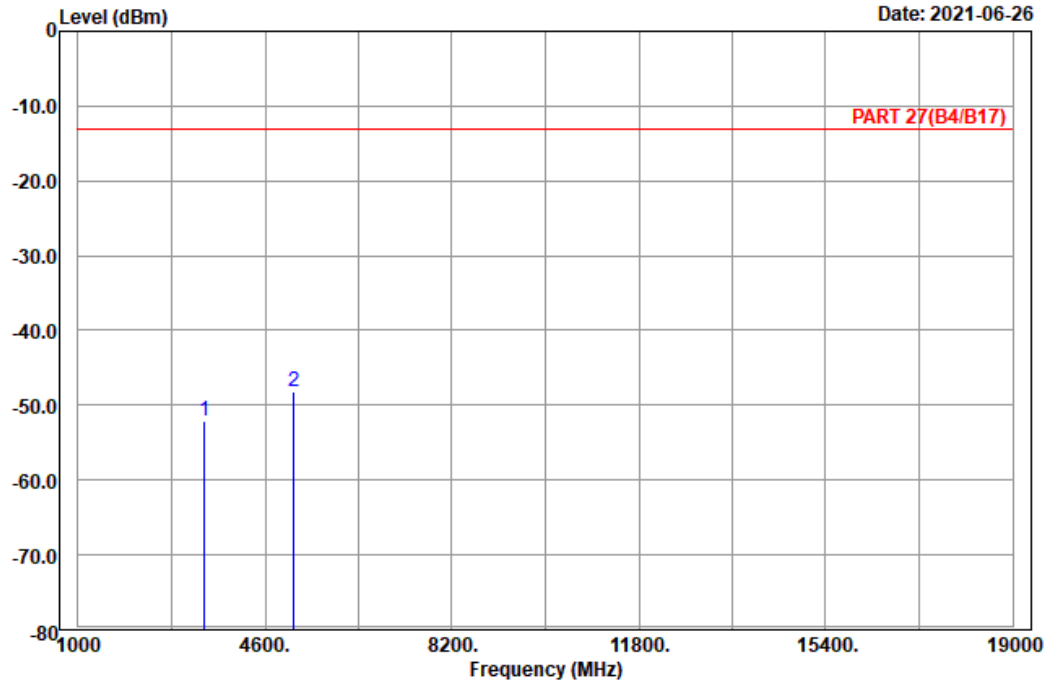
Channel Bandwidth: 20 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : LTE_Band 4_Link_L-Ch
Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3440.00	-52.00	-66.35	14.35	-13.00	-39.00	Peak
2 pp	5160.00	-48.09	-68.01	19.92	-13.00	-35.09	Peak

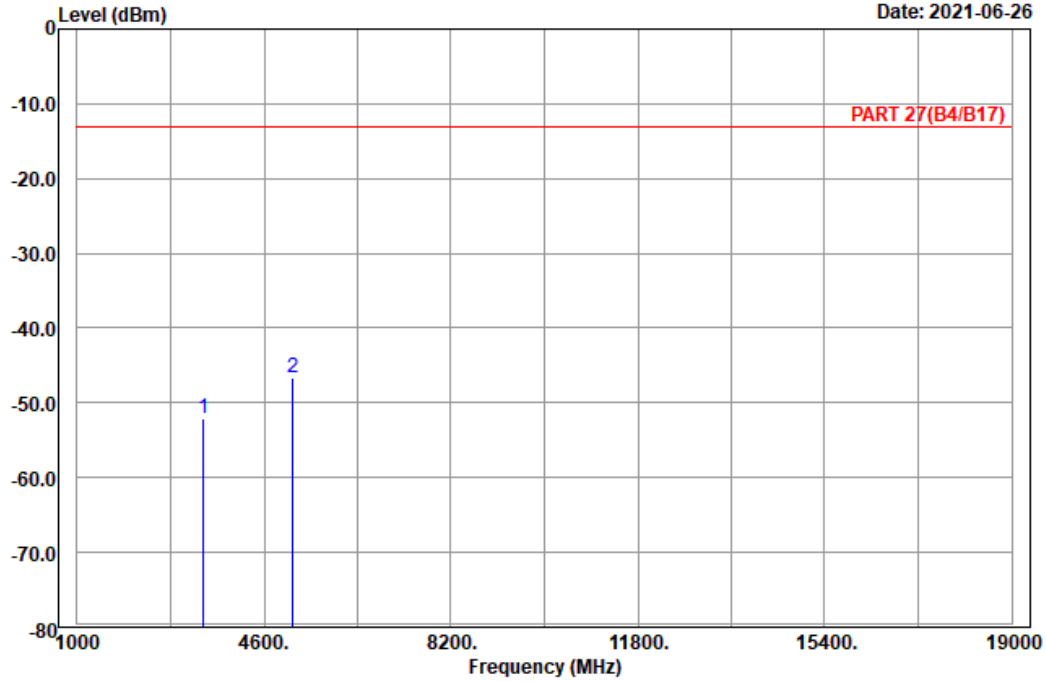


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3440.00	-52.01	-66.36	14.35	-13.00	-39.01	Peak
2	5160.00	-46.62	-66.54	19.92	-13.00	-33.62	Peak

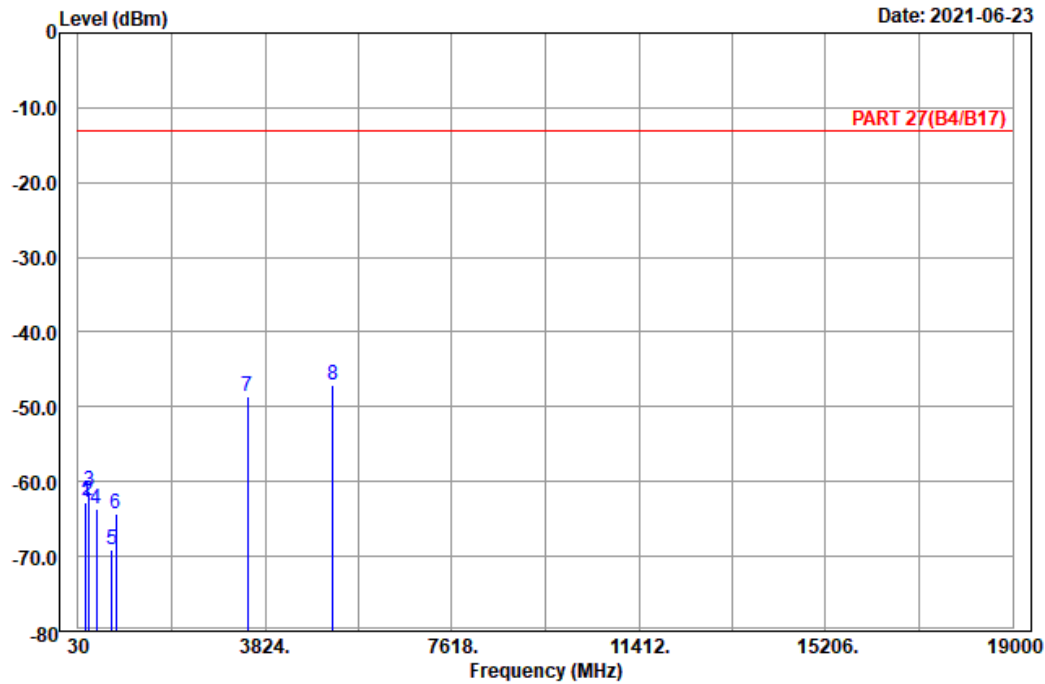
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	180.12	-62.72	-57.14	-5.58	-13.00	-49.72	Peak
2	244.38	-62.55	-56.96	-5.59	-13.00	-49.55	Peak
3	259.77	-61.35	-55.75	-5.60	-13.00	-48.35	Peak
4	393.10	-63.68	-60.58	-3.10	-13.00	-50.68	Peak
5	717.20	-69.17	-68.48	-0.69	-13.00	-56.17	Peak
6	799.10	-64.39	-66.34	1.95	-13.00	-51.39	Peak
7	3465.00	-48.70	-63.04	14.34	-13.00	-35.70	Peak
8 pp	5197.50	-47.00	-67.12	20.12	-13.00	-34.00	Peak

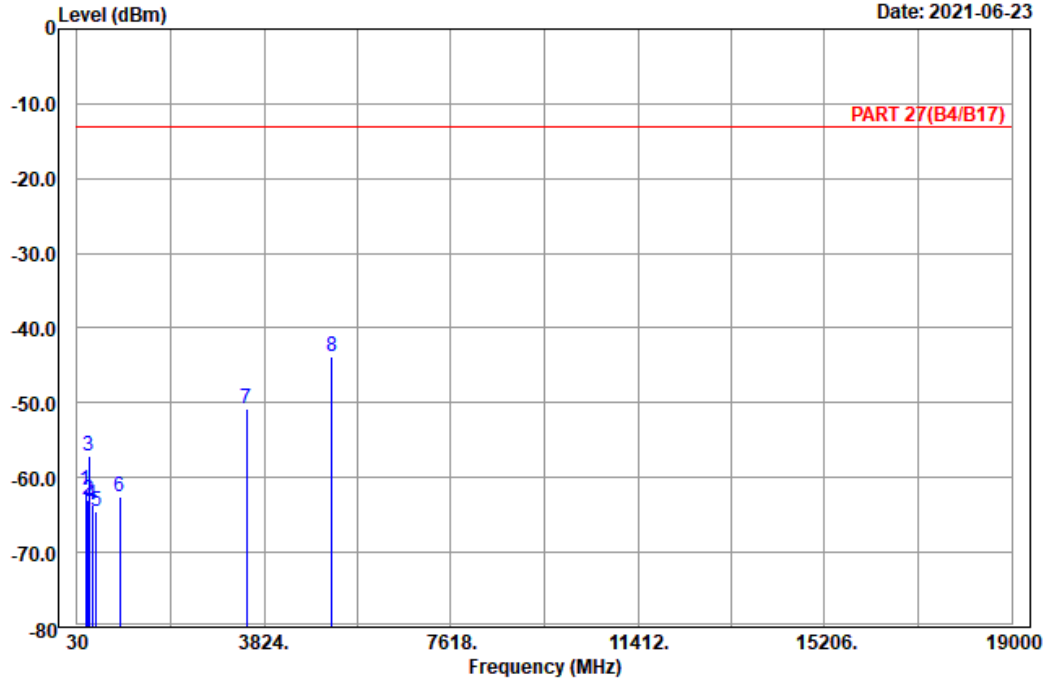


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2021-06-23



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	200.37	-61.64	-55.47	-6.17	-13.00	-48.64	Peak
2	245.46	-63.09	-57.52	-5.57	-13.00	-50.09	Peak
3	262.74	-57.19	-51.57	-5.62	-13.00	-44.19	Peak
4	329.40	-63.68	-58.07	-5.61	-13.00	-50.68	Peak
5	413.40	-64.60	-61.56	-3.04	-13.00	-51.60	Peak
6	894.30	-62.60	-65.32	2.72	-13.00	-49.60	Peak
7	3465.00	-50.82	-65.16	14.34	-13.00	-37.82	Peak
8 pp	5197.50	-43.86	-63.98	20.12	-13.00	-30.86	Peak

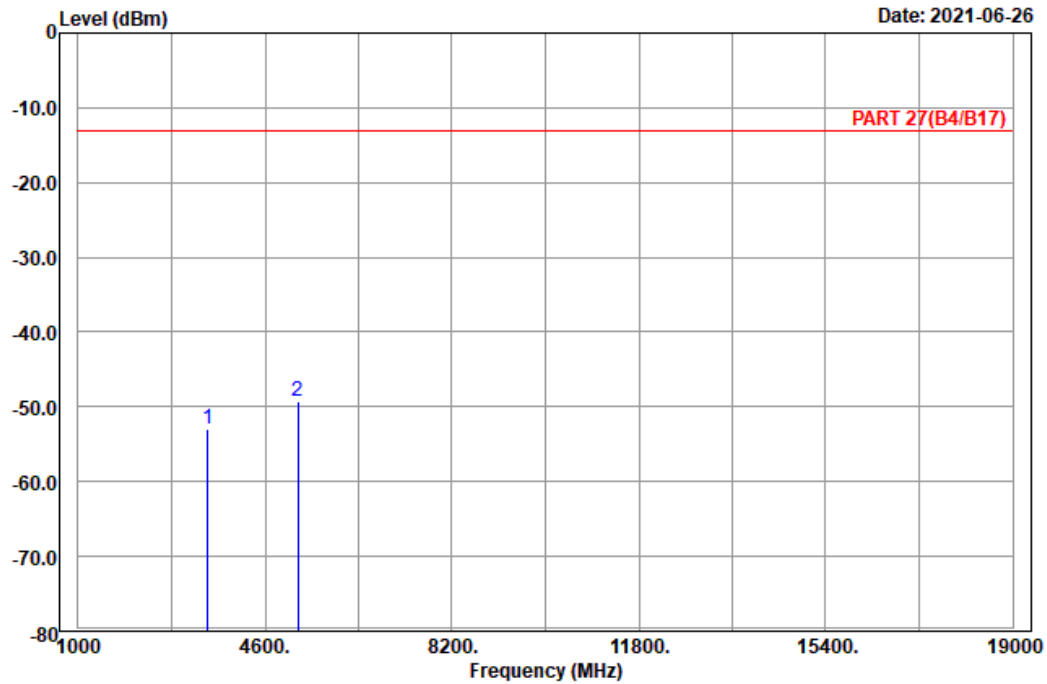
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3490.00	-52.95	-67.26	14.31	-13.00	-39.95	Peak
2	5235.00	-49.23	-69.39	20.16	-13.00	-36.23	Peak

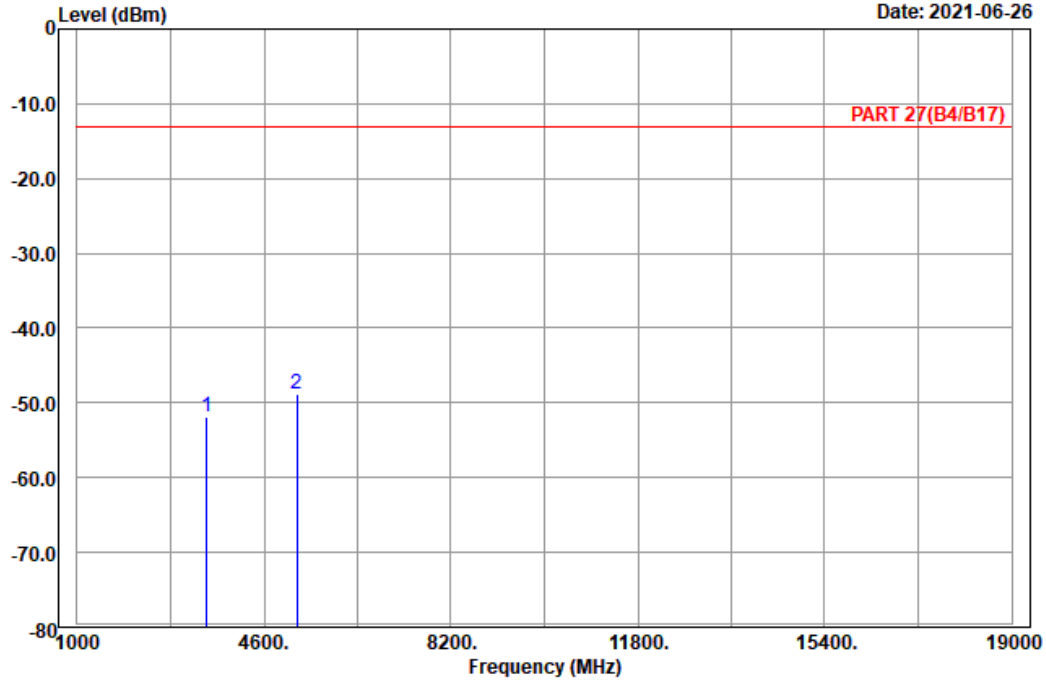


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-26



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3490.00	-51.98	-66.29	14.31	-13.00	-38.98	Peak
2	pp 5235.00	-48.74	-68.90	20.16	-13.00	-35.74	Peak

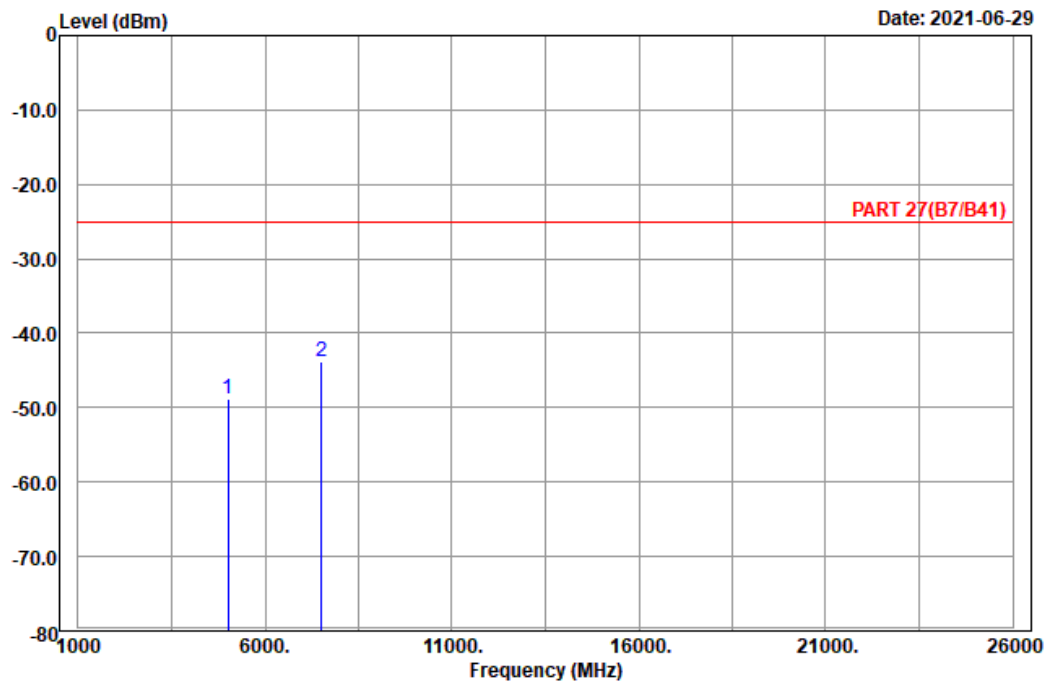
LTE Band 7
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B7/B41) Horizontal
Remark : LTE_Band 7_Link_L-Ch
Tested by: Charles Hsiao

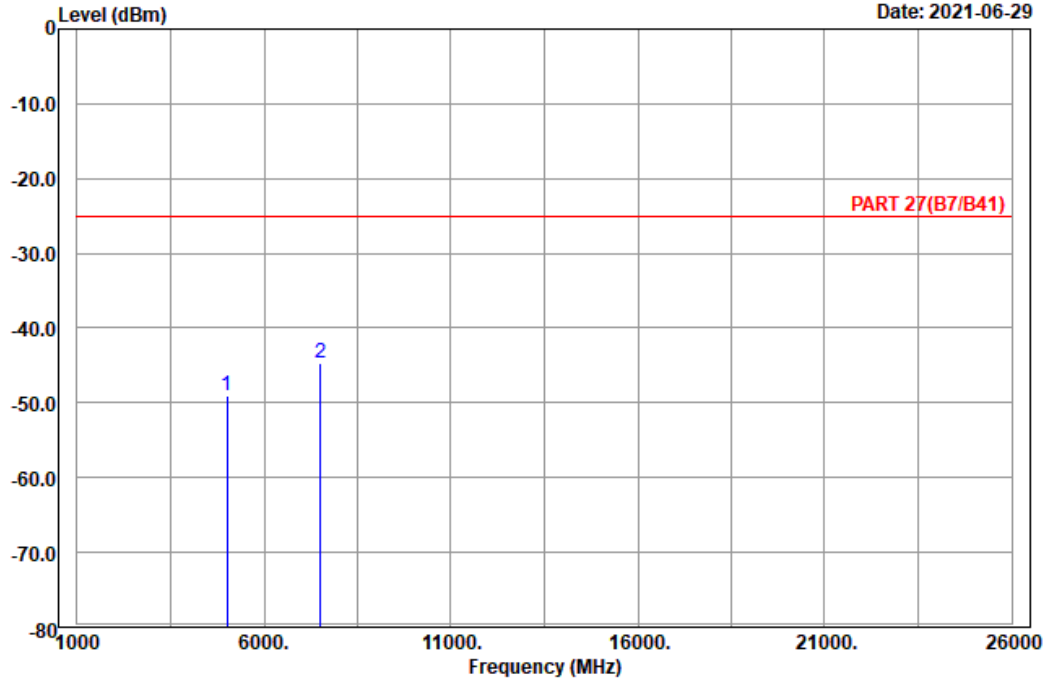
	Read	Limit	Over				
Freq	Level	Level	Factor	Line	Limit	Remark	
MHz	dBm	dBm	dB	dBm	dB		
1	5005.00	-48.73	-68.31	19.58	-25.00	-23.73	Peak
2 pp	7507.50	-43.92	-66.60	22.68	-25.00	-18.92	Peak



A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 7_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5005.00	-49.10	-68.68	19.58	-25.00	-24.10	Peak
2	pp 7507.50	-44.65	-67.33	22.68	-25.00	-19.65	Peak

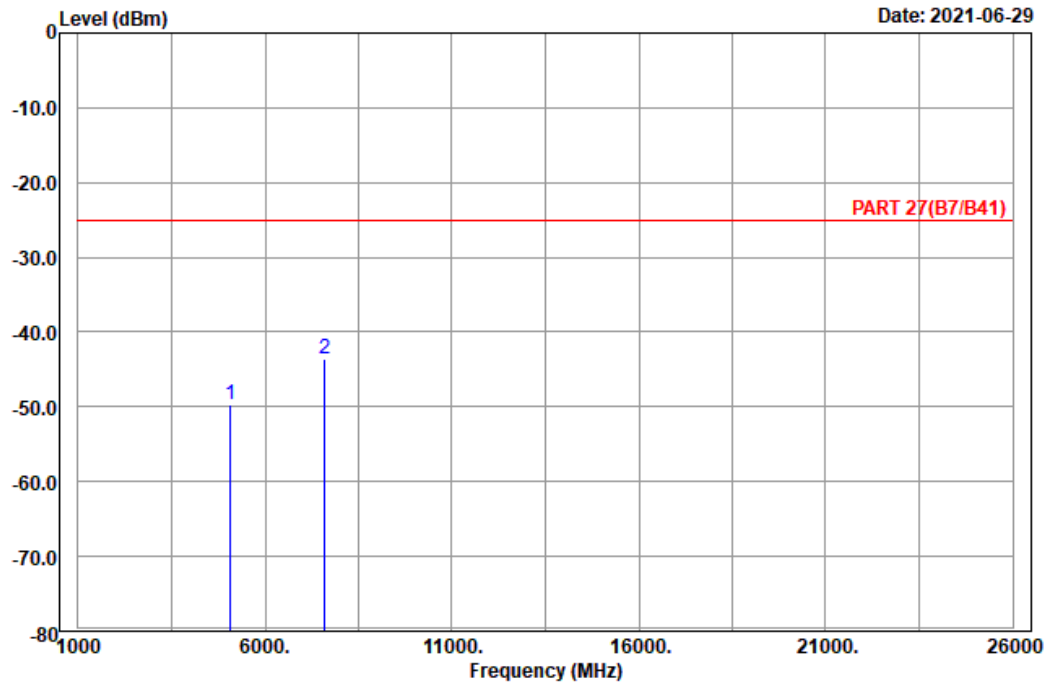
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 7_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5070.00	-49.70	-69.09	19.39	-25.00	-24.70	Peak
2	7605.00	-43.61	-66.60	22.99	-25.00	-18.61	Peak

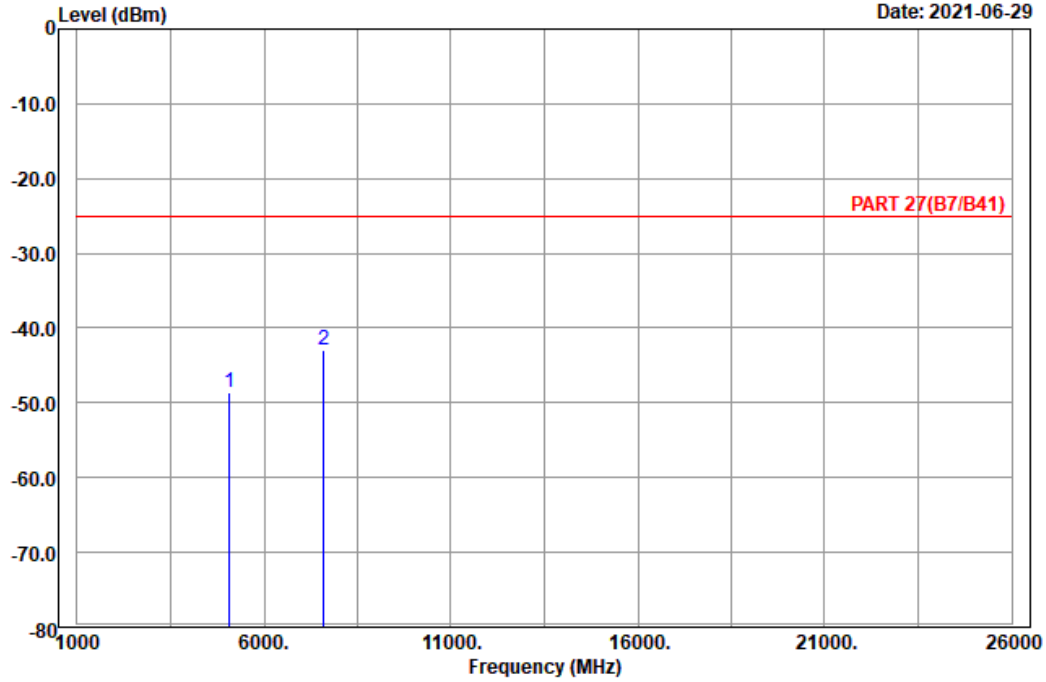


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 7_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5070.00	-48.66	-68.05	19.39	-25.00	-23.66	Peak
2 pp	7605.00	-42.87	-65.86	22.99	-25.00	-17.87	Peak

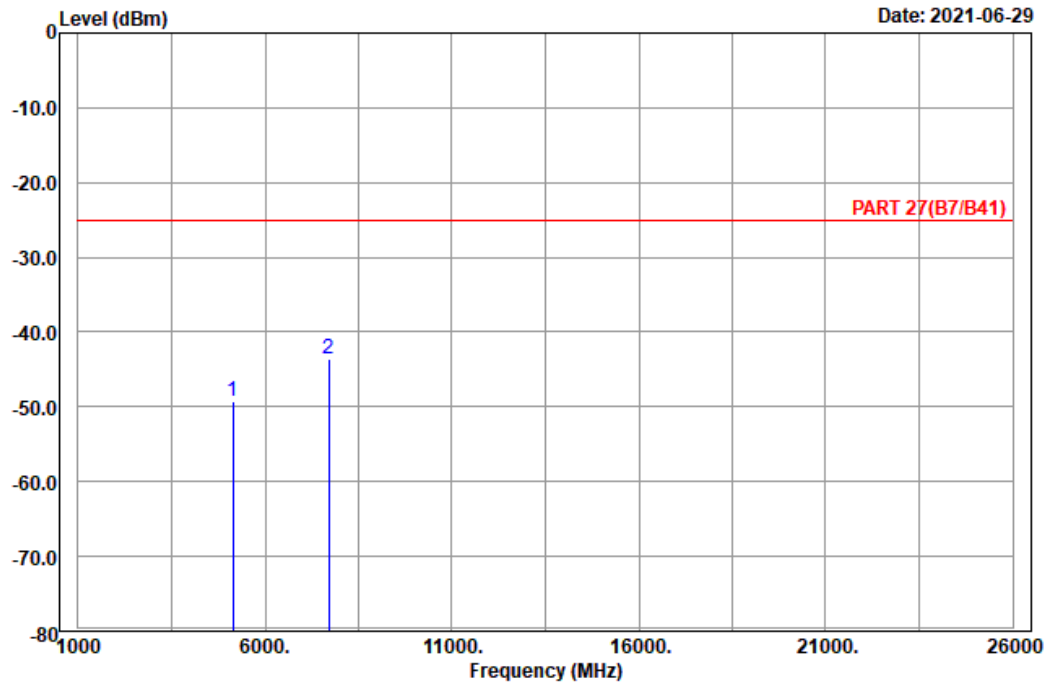
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 7_Link_H-Ch
 Tested by: Charles Hsiao

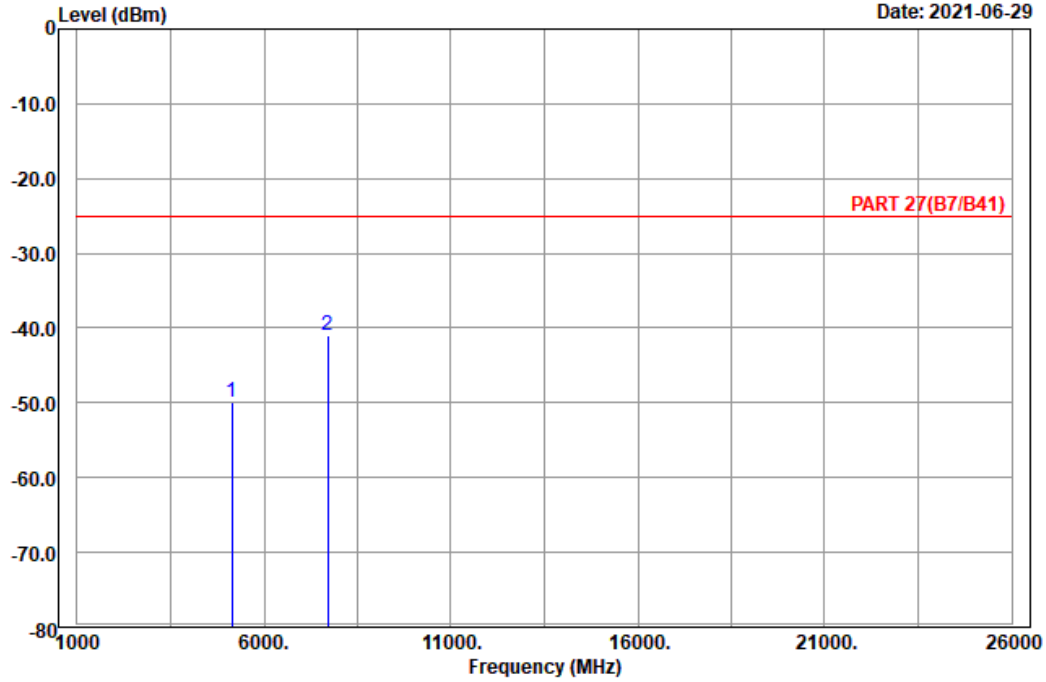
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5135.00	-49.20	-69.01	19.81	-25.00	-24.20	Peak
2 pp	7702.50	-43.56	-66.72	23.16	-25.00	-18.56	Peak



A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 7_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5135.00	-49.93	-69.74	19.81	-25.00	-24.93	Peak
2	pp 7702.50	-41.03	-64.19	23.16	-25.00	-16.03	Peak

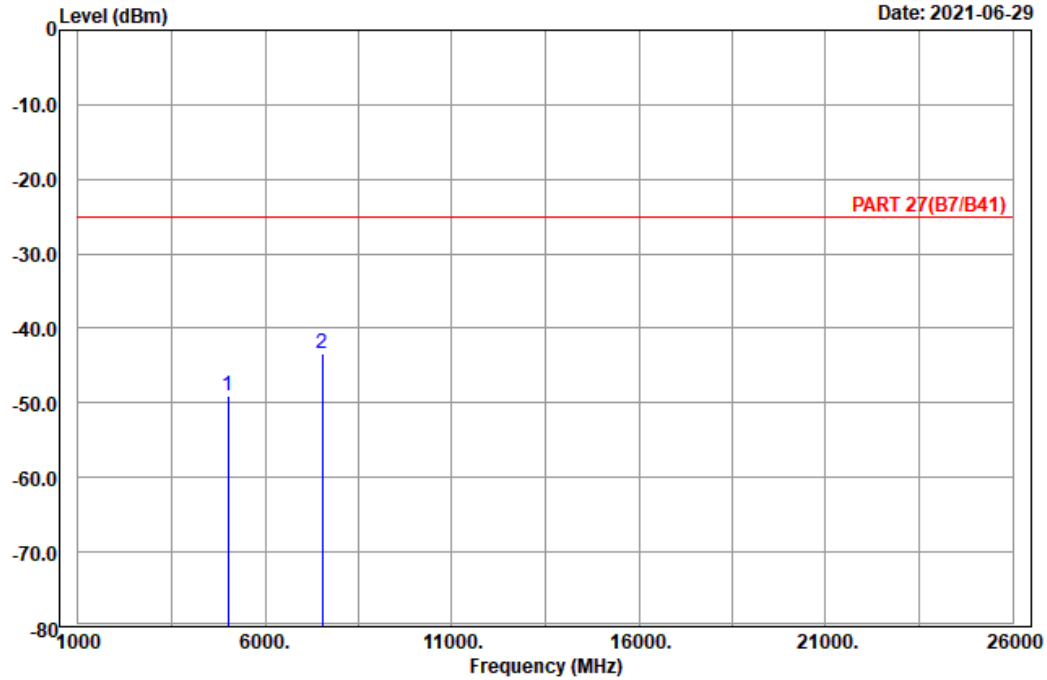
Channel Bandwidth: 20 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B7/B41) Horizontal
Remark : LTE_Band 7_Link_L-Ch
Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5020.00	-48.96	-68.04	19.08	-25.00	-23.96	Peak
2 pp	7530.00	-43.40	-66.25	22.85	-25.00	-18.40	Peak

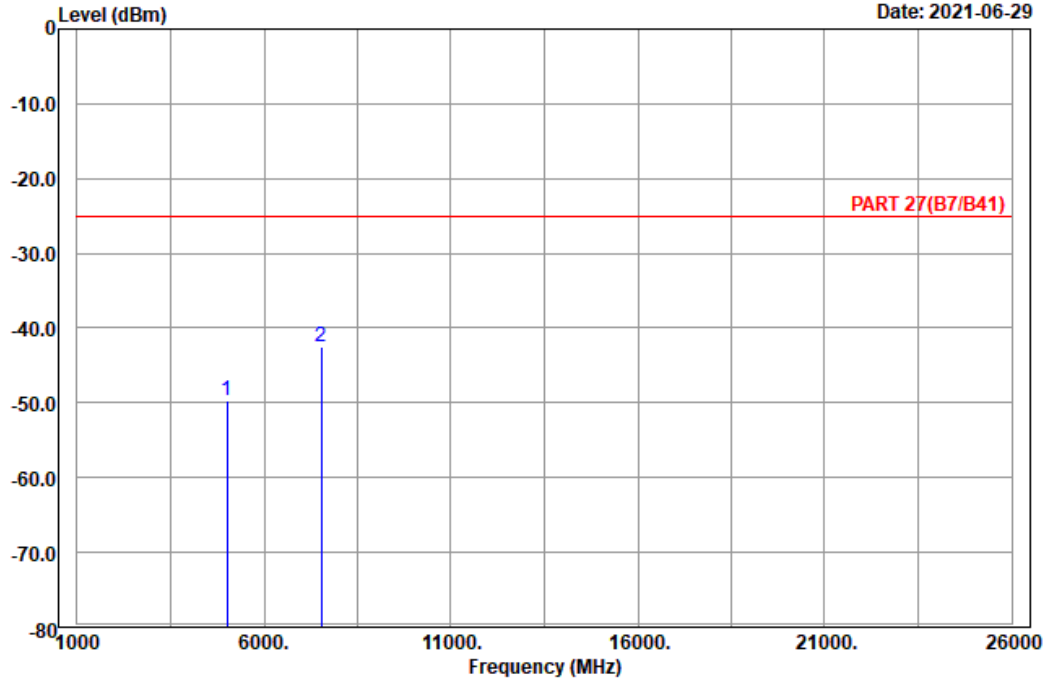


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 7_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5020.00	-49.61	-68.69	19.08	-25.00	-24.61	Peak
2	7530.00	-42.61	-65.46	22.85	-25.00	-17.61	Peak

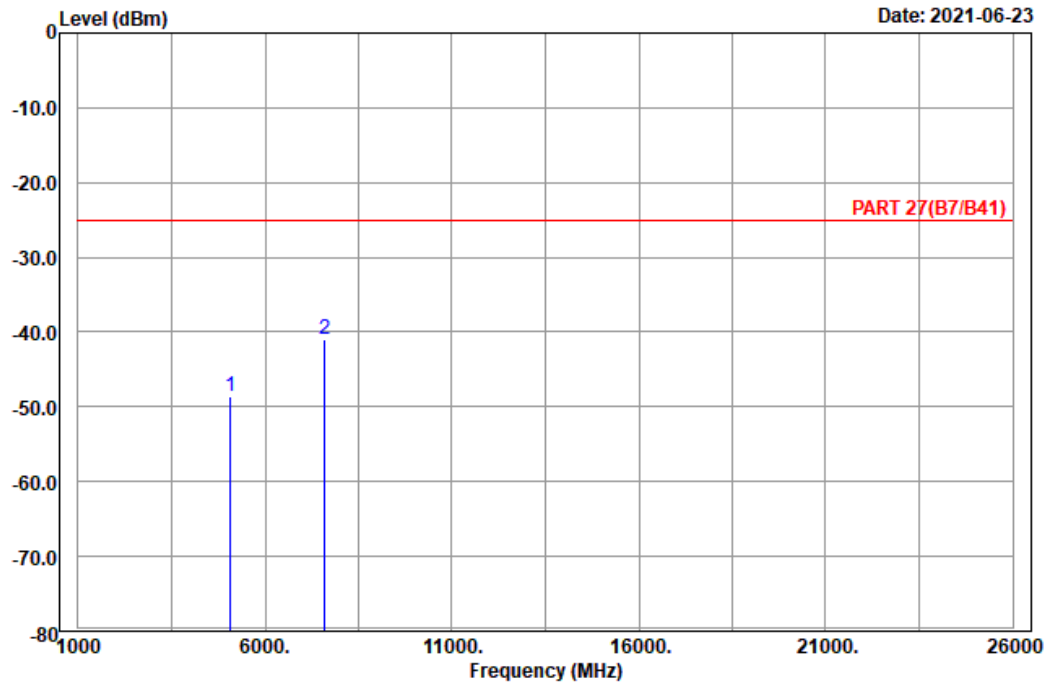
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 7_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5070.00	-48.58	-67.97	19.39	-25.00	-23.58	Peak
2 pp	7605.00	-40.90	-63.89	22.99	-25.00	-15.90	Peak

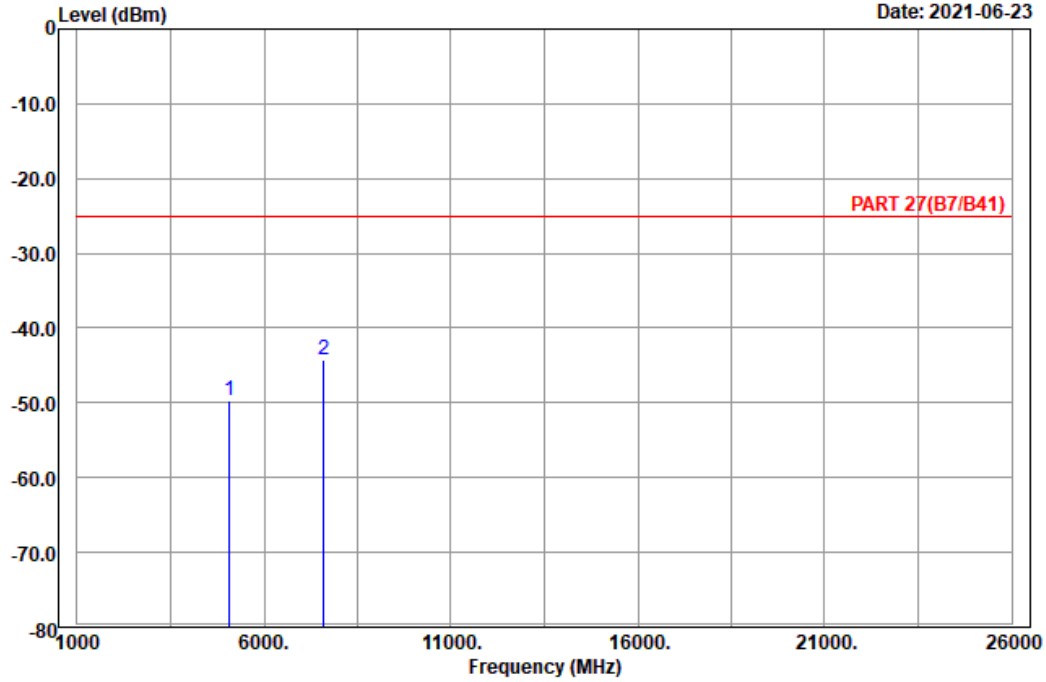


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-23



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 7_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5070.00	-49.81	-69.20	19.39	-25.00	-24.81	Peak
2	pp 7605.00	-44.29	-67.28	22.99	-25.00	-19.29	Peak

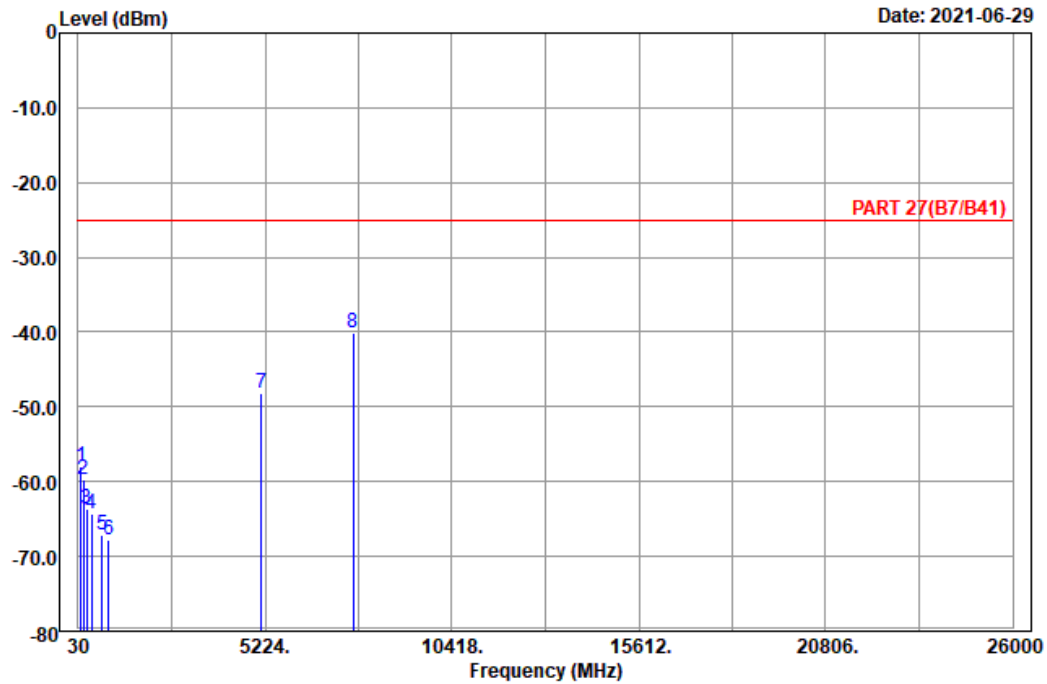
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 7



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 7_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	98.04	-58.04	-47.81	-10.23	-25.00	-33.04	Peak
2	182.55	-59.74	-54.13	-5.61	-25.00	-34.74	Peak
3	261.93	-63.55	-57.94	-5.61	-25.00	-38.55	Peak
4	393.10	-64.32	-61.22	-3.10	-25.00	-39.32	Peak
5	685.70	-67.10	-66.79	-0.31	-25.00	-42.10	Peak
6	871.20	-67.78	-69.84	2.06	-25.00	-42.78	Peak
7	5120.00	-48.15	-67.86	19.71	-25.00	-23.15	Peak
8 pp	7680.00	-40.22	-63.34	23.12	-25.00	-15.22	Peak

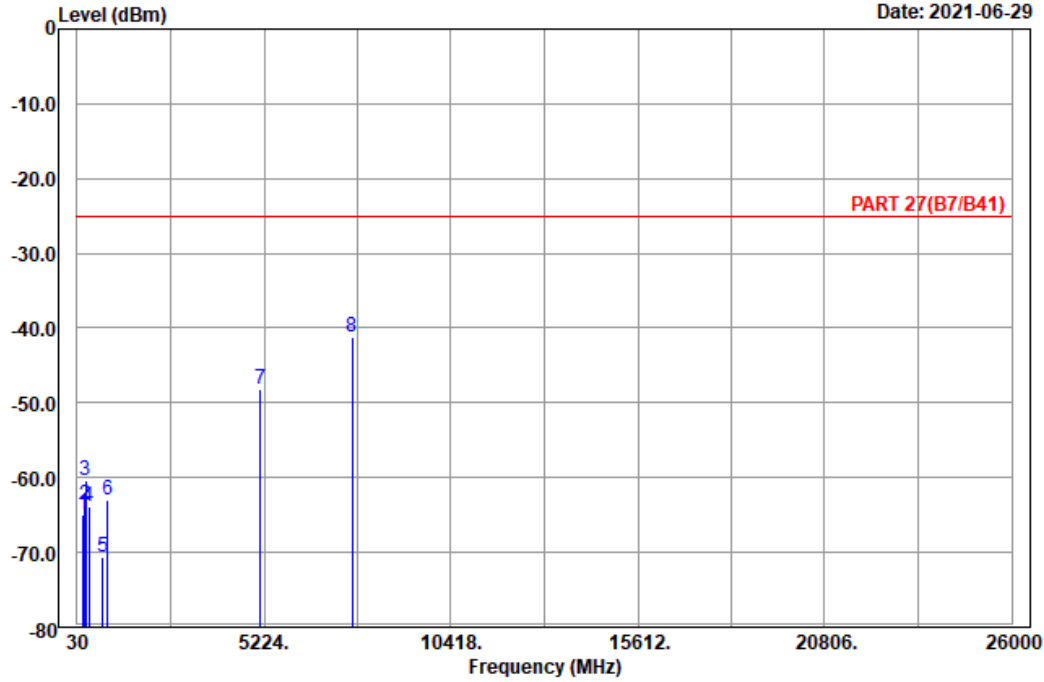


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 8

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 7_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	193.89	-65.06	-59.15	-5.91	-25.00	-40.06	Peak
2	247.08	-63.59	-58.04	-5.55	-25.00	-38.59	Peak
3	270.03	-60.36	-54.68	-5.68	-25.00	-35.36	Peak
4	365.10	-63.80	-59.20	-4.60	-25.00	-38.80	Peak
5	751.50	-70.58	-69.40	-1.18	-25.00	-45.58	Peak
6	885.20	-62.92	-65.39	2.47	-25.00	-37.92	Peak
7	5120.00	-48.19	-67.90	19.71	-25.00	-23.19	Peak
8 pp	7680.00	-41.26	-64.38	23.12	-25.00	-16.26	Peak

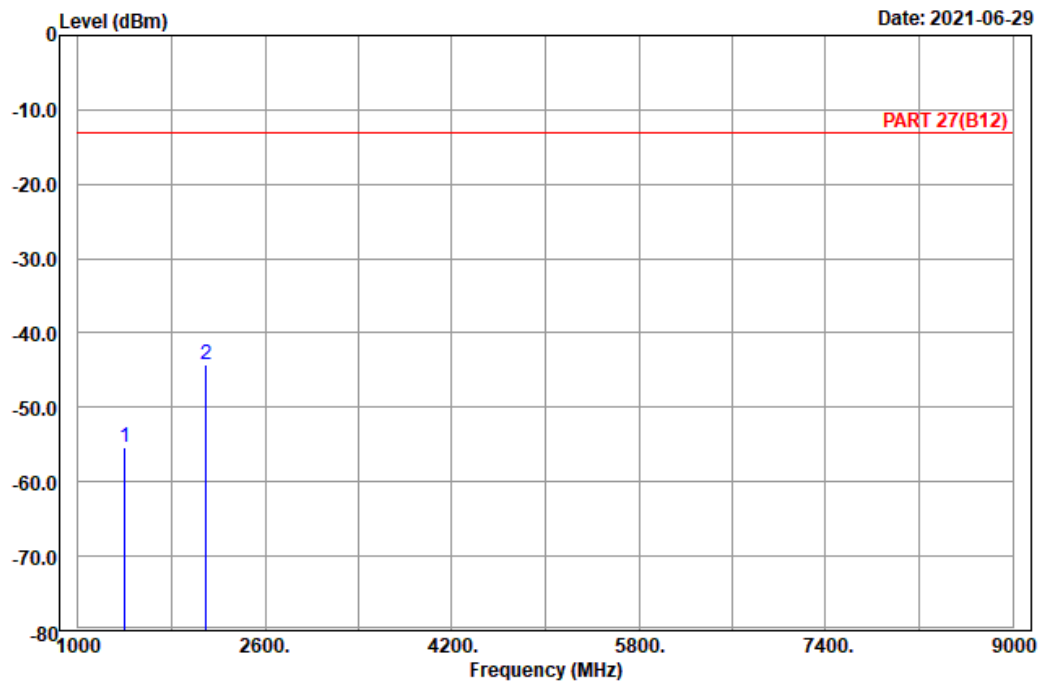
LTE Band 12
Channel Bandwidth: 1.4 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B12) Horizontal
Remark : LTE_Band 12_Link_L-Ch
Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1399.40	-55.46	-61.56	6.10	-13.00	-42.46	Peak
2 pp	2099.10	-44.22	-55.15	10.93	-13.00	-31.22	Peak

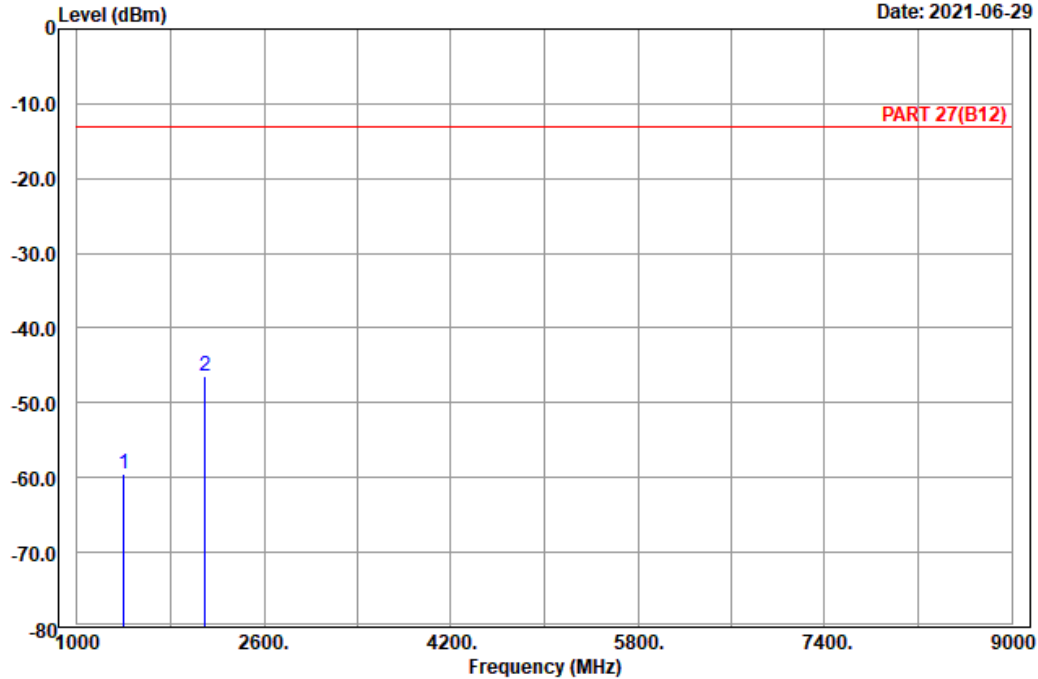


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_L-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1399.40	-59.45	-65.55	6.10	-13.00	-46.45	Peak
2	pp 2099.10	-46.43	-57.36	10.93	-13.00	-33.43	Peak

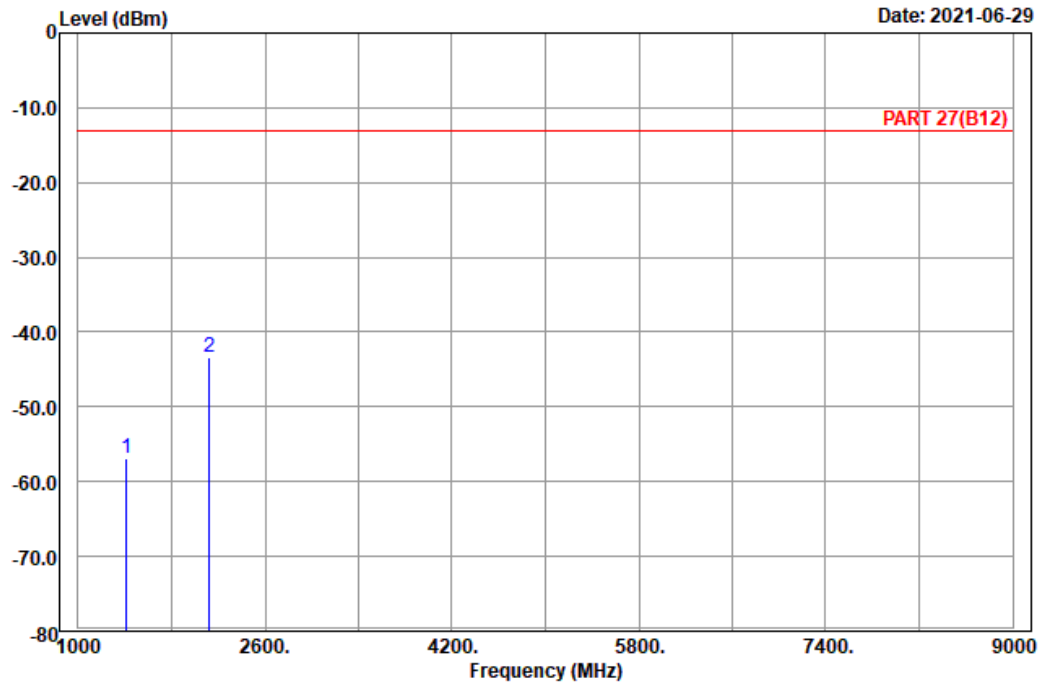
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B12) Horizontal
 Remark : LTE_Band 12_Link_M-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1415.00	-56.79	-63.15	6.36	-13.00	-43.79	Peak
2	pp 2122.50	-43.33	-54.44	11.11	-13.00	-30.33	Peak

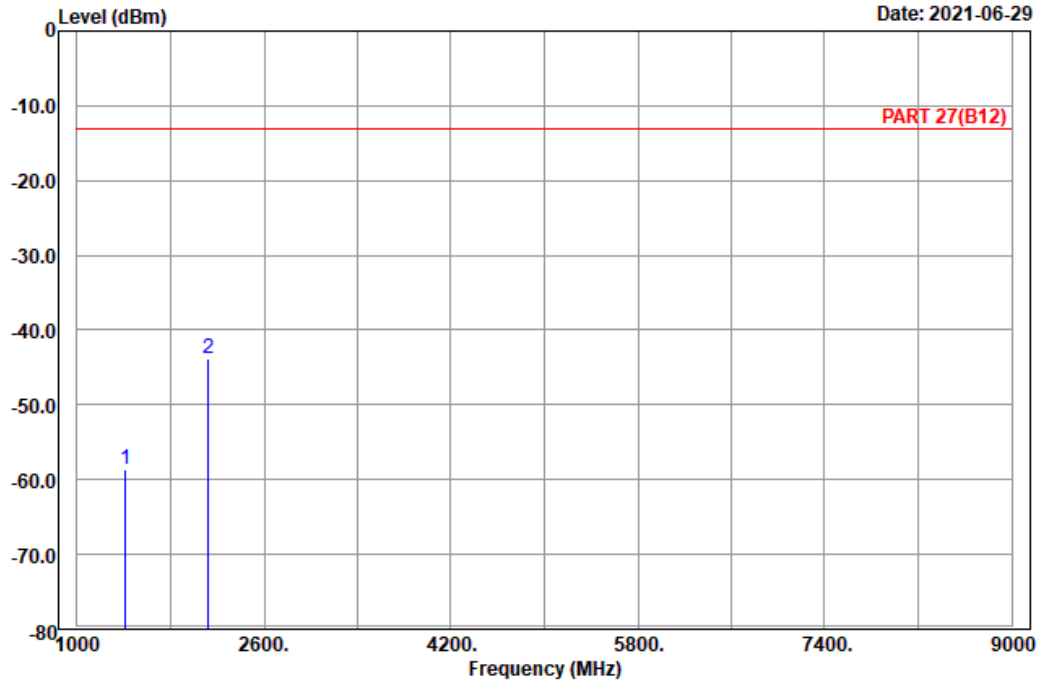


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_M-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1415.00	-58.66	-65.02	6.36	-13.00	-45.66	Peak
2	pp 2122.50	-43.77	-54.88	11.11	-13.00	-30.77	Peak

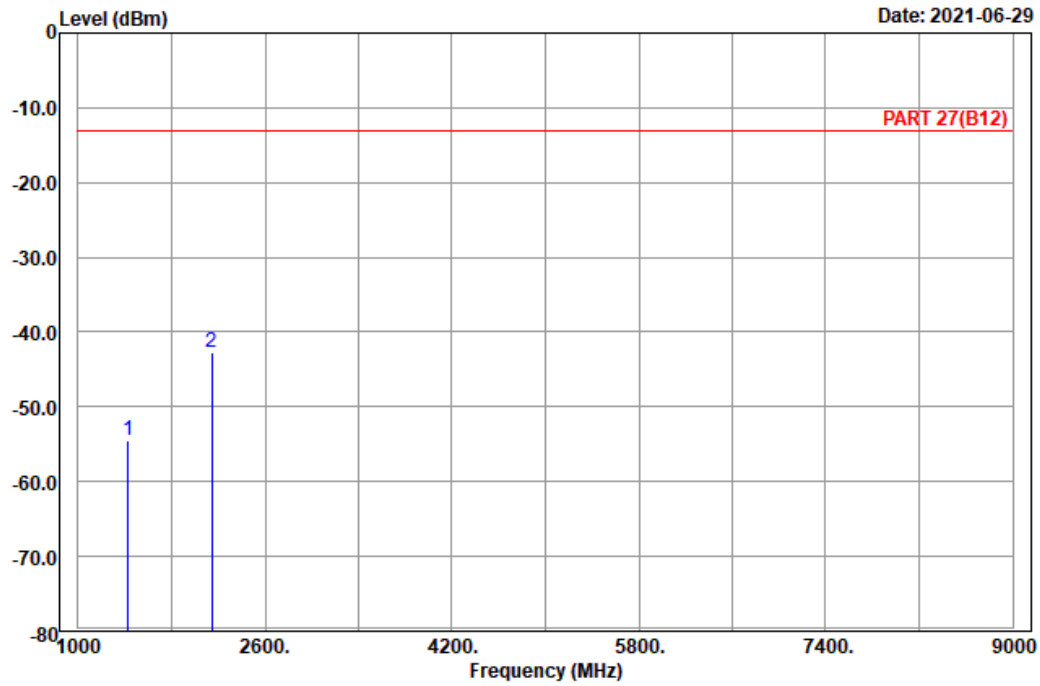
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B12) Horizontal
 Remark : LTE_Band 12_Link_H-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1430.60	-54.51	-60.75	6.24	-13.00	-41.51	Peak
2	pp 2145.90	-42.66	-53.91	11.25	-13.00	-29.66	Peak

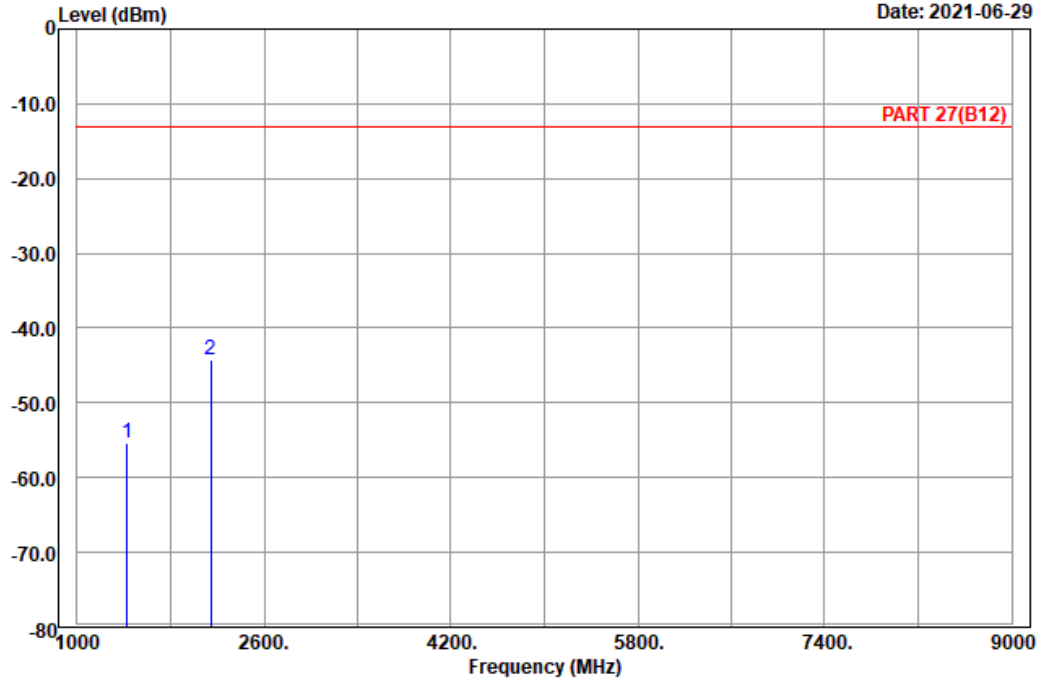


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_H-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1430.60	-55.36	-61.60	6.24	-13.00	-42.36	Peak
2	pp 2145.90	-44.26	-55.51	11.25	-13.00	-31.26	Peak

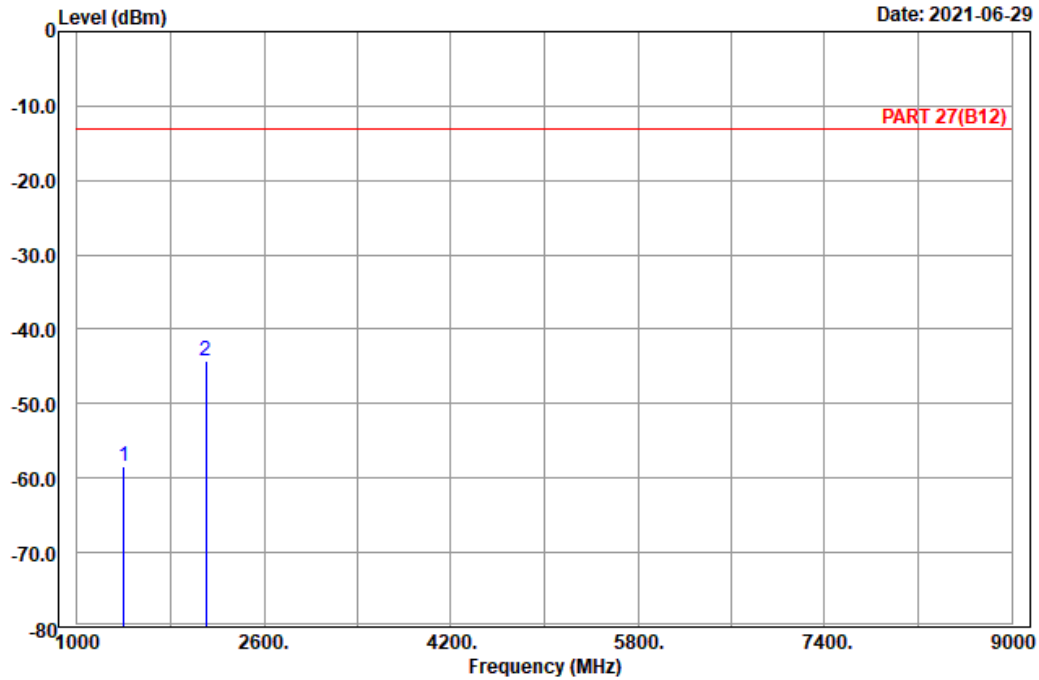
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B12) Horizontal
Remark : LTE_Band 12_Link_L-Ch
Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1403.00	-58.52	-64.62	6.10	-13.00	-45.52	Peak
2	2104.50	-44.29	-55.22	10.93	-13.00	-31.29	Peak

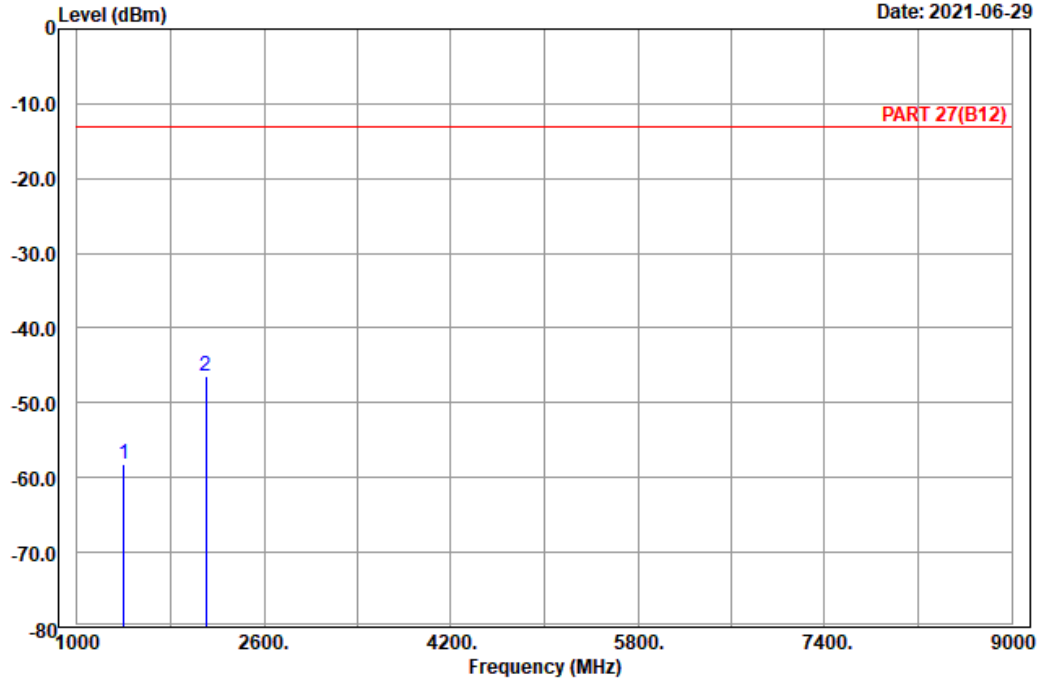


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_L-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1403.00	-58.16	-64.26	6.10	-13.00	-45.16	Peak
2	pp 2104.50	-46.40	-57.33	10.93	-13.00	-33.40	Peak

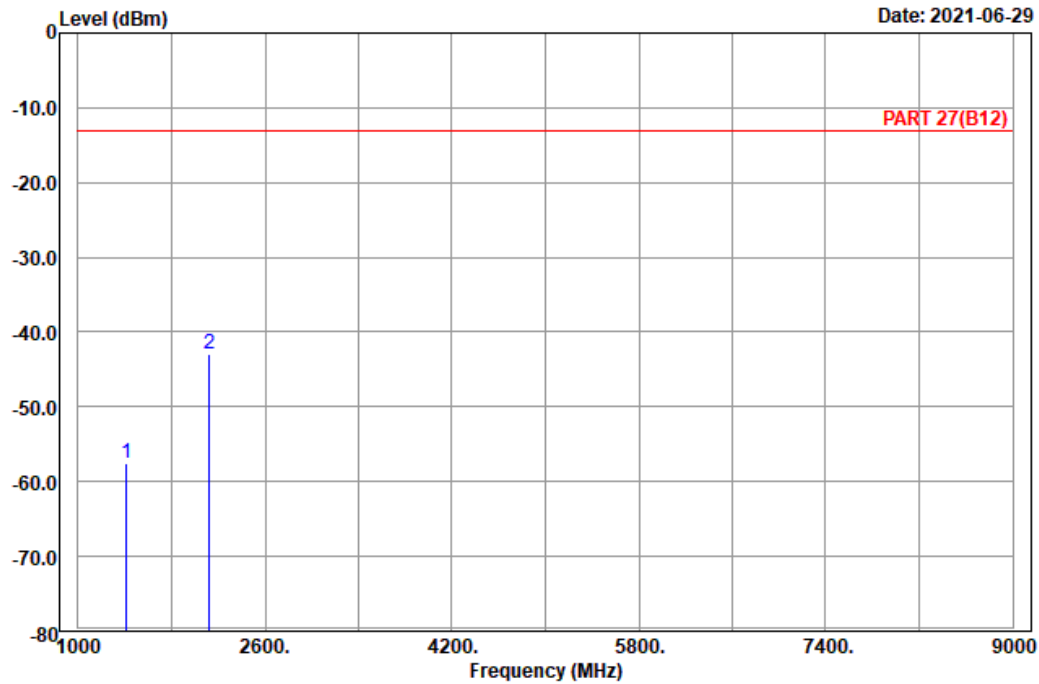
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B12) Horizontal
 Remark : LTE_Band 12_Link_M-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1415.00	-57.44	-63.80	6.36	-13.00	-44.44	Peak
2 pp	2122.50	-42.85	-53.96	11.11	-13.00	-29.85	Peak

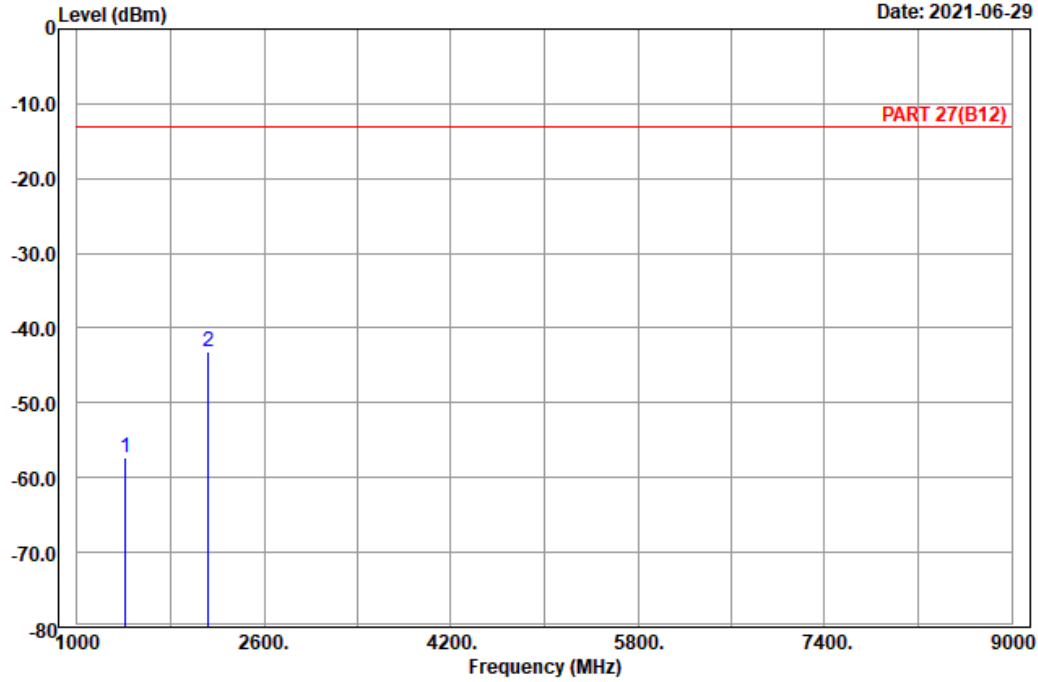


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_M-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1415.00	-57.34	-63.70	6.36	-13.00	-44.34	Peak
2	pp 2122.50	-43.18	-54.29	11.11	-13.00	-30.18	Peak

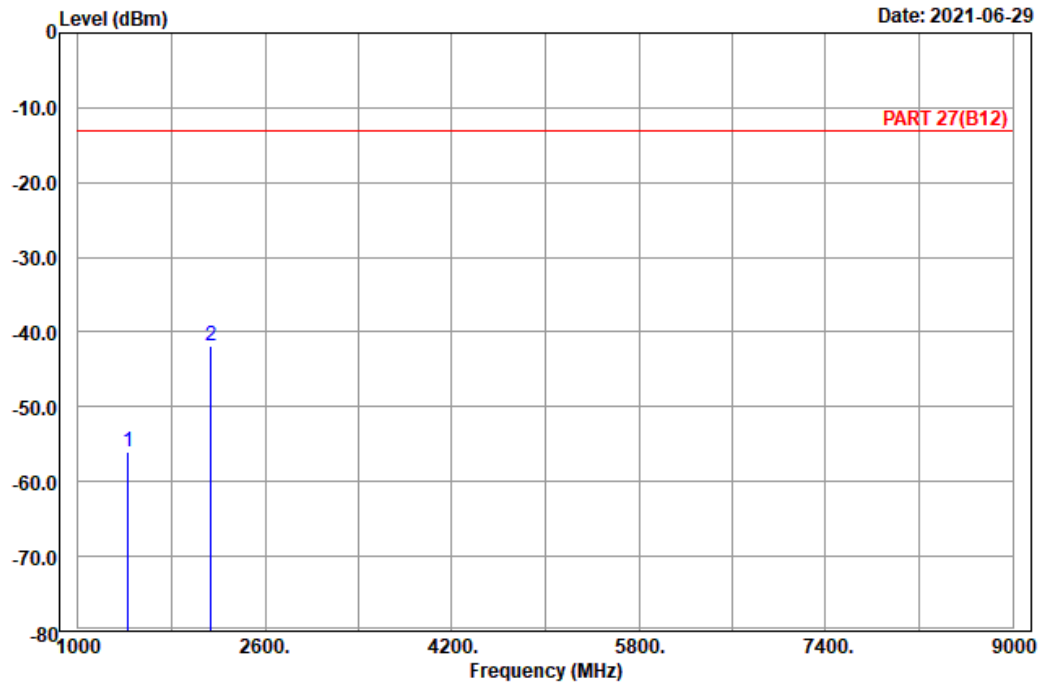
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B12) Horizontal
 Remark : LTE_Band 12_Link_H-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1427.00	-56.10	-62.34	6.24	-13.00	-43.10	Peak
2 pp	2140.50	-41.76	-53.04	11.28	-13.00	-28.76	Peak

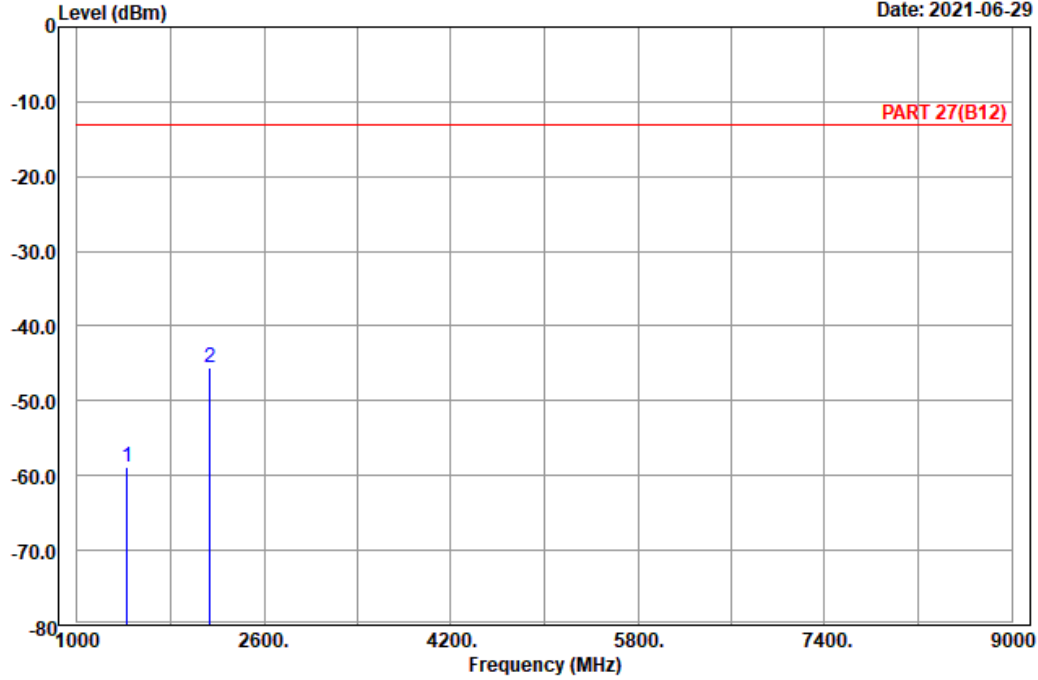


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_H-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1427.00	-58.90	-65.14	6.24	-13.00	-45.90	Peak
2	pp 2140.50	-45.56	-56.84	11.28	-13.00	-32.56	Peak

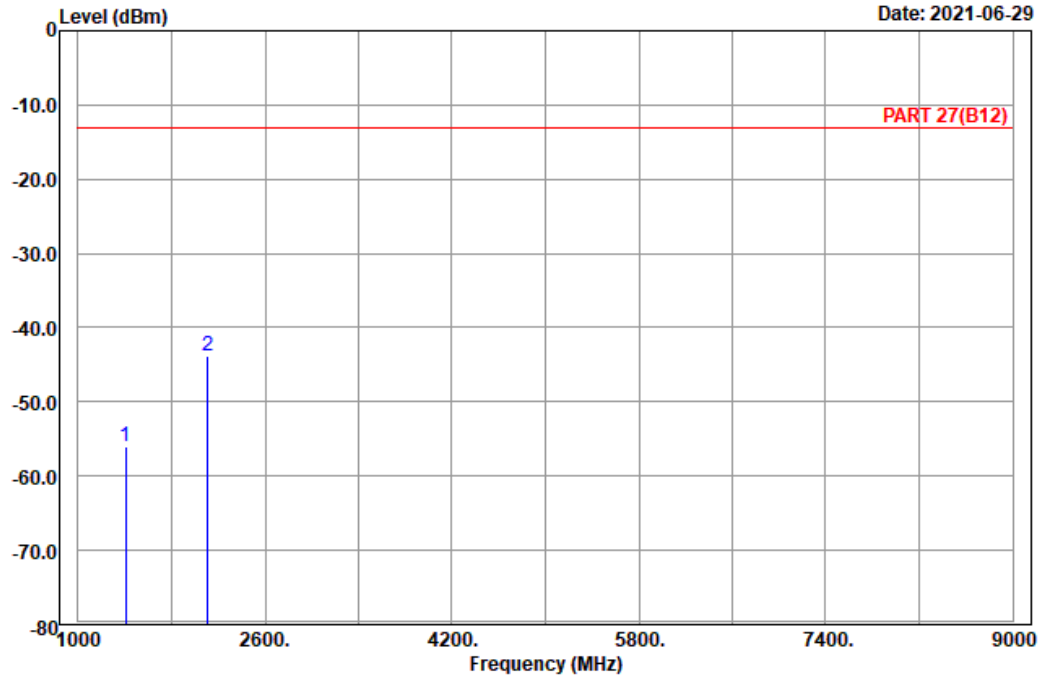
Channel Bandwidth: 10 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B12) Horizontal
Remark : LTE_Band 12_Link_L-Ch
Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1408.00	-55.96	-62.32	6.36	-13.00	-42.96	Peak
2 pp	2112.00	-43.76	-54.87	11.11	-13.00	-30.76	Peak

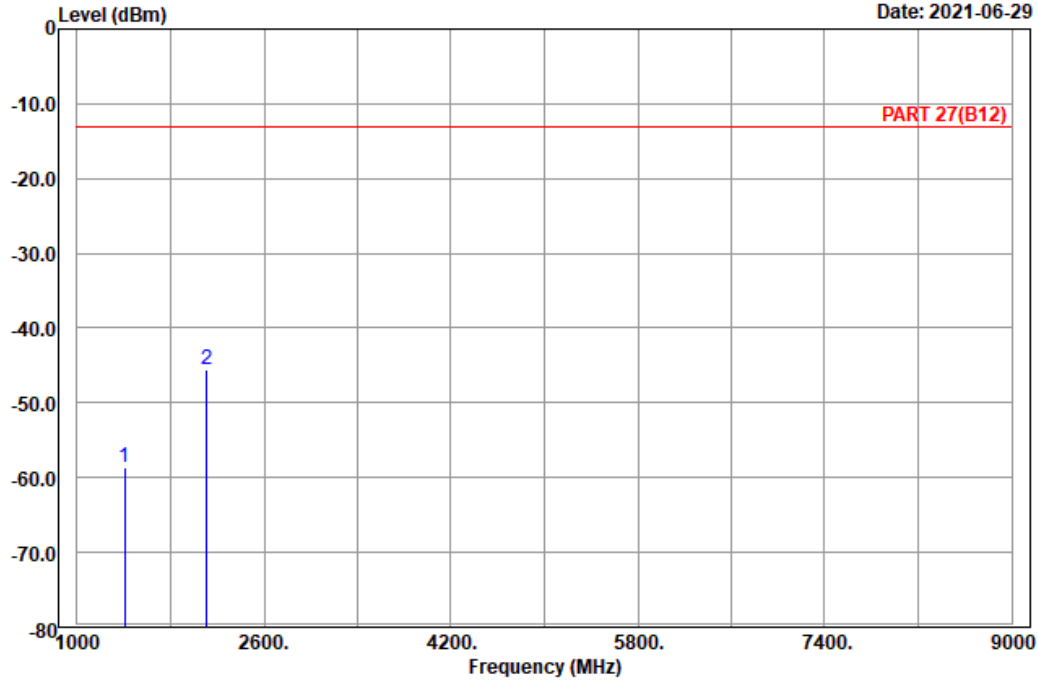


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_L-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1408.00	-58.74	-65.10	6.36	-13.00	-45.74	Peak
2	pp 2112.00	-45.66	-56.77	11.11	-13.00	-32.66	Peak

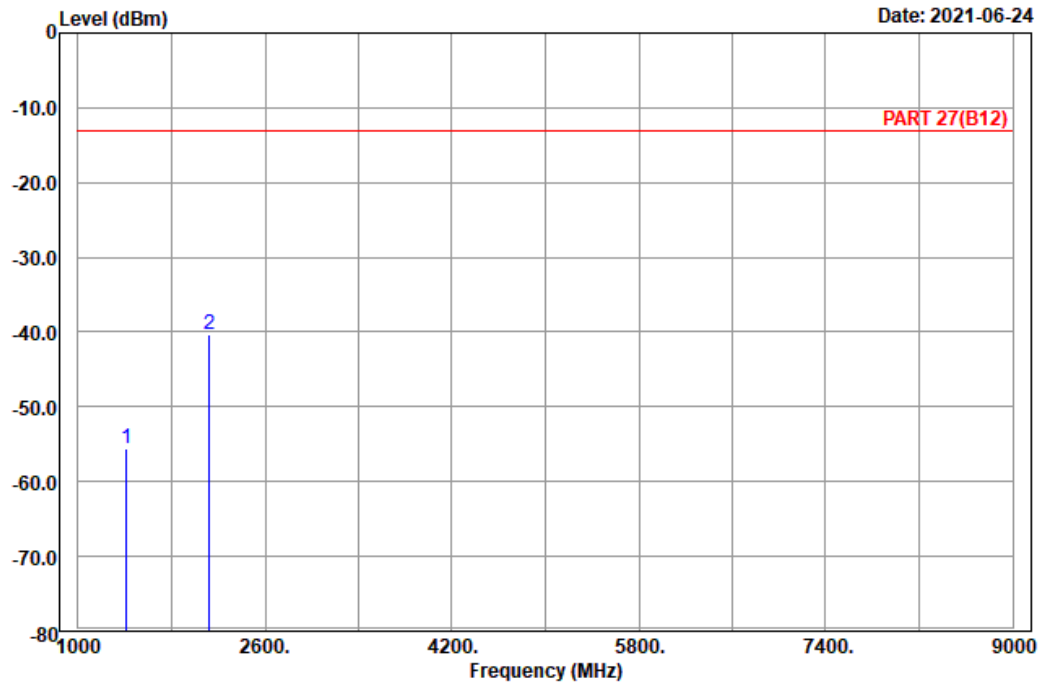
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 27(B12) Horizontal
 Remark : LTE_Band 12_Link_M-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1415.00	-55.60	-61.96	6.36	-13.00	-42.60	Peak
2	pp 2122.50	-40.36	-51.47	11.11	-13.00	-27.36	Peak

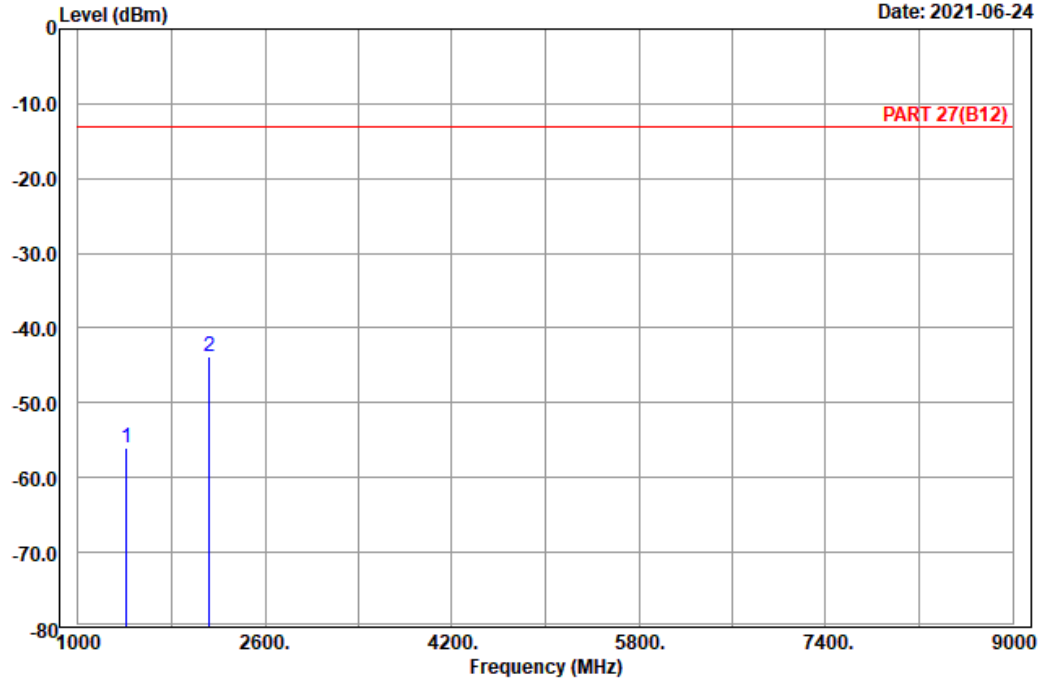


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_M-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1415.00	-56.04	-62.40	6.36	-13.00	-43.04	Peak
2	pp 2122.50	-43.92	-55.03	11.11	-13.00	-30.92	Peak

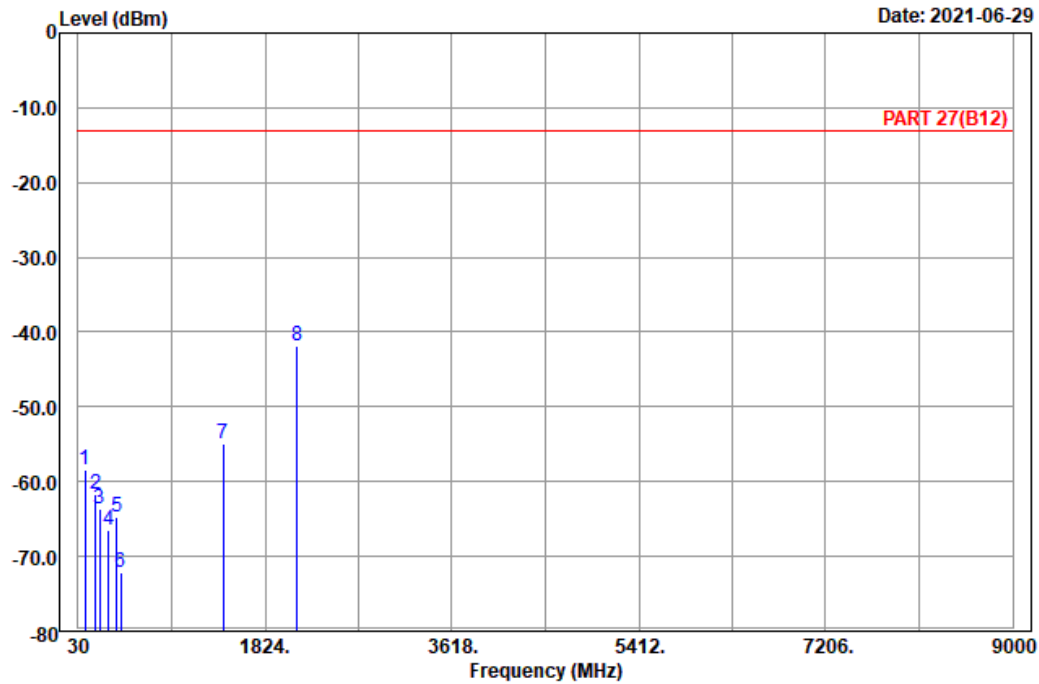
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 7



Site : 966 chamber 1
 Condition: PART 27(B12) Horizontal
 Remark : LTE_Band 12_Link_H-Ch
 Tested by: Harry Hsueh

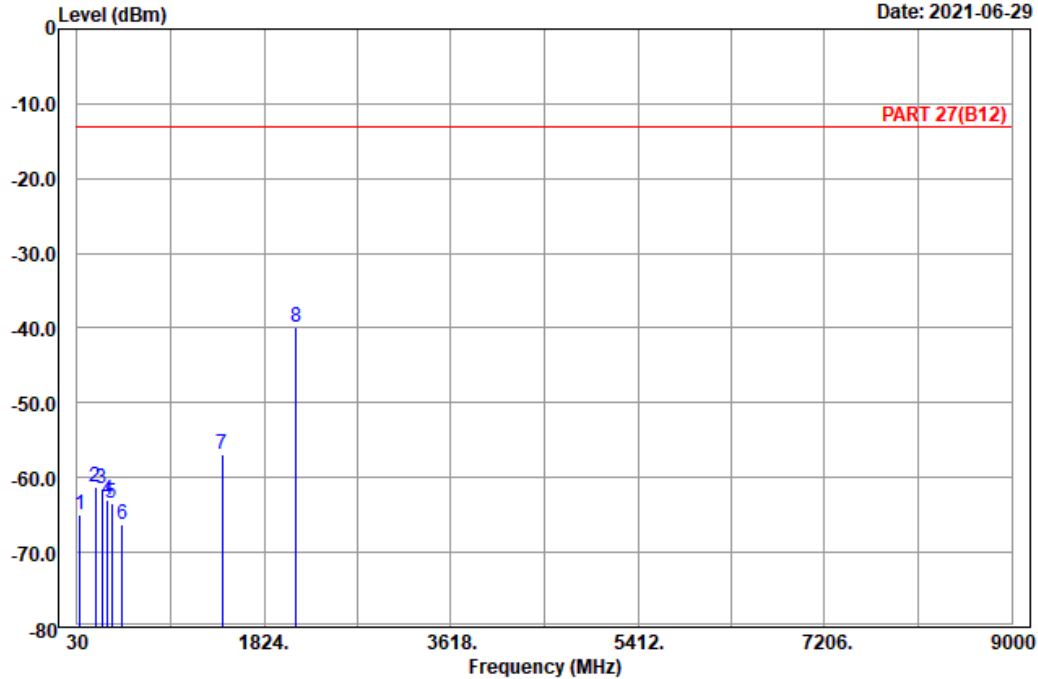
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	98.31	-58.38	-48.15	-10.23	-13.00	-45.38	Peak
2	199.02	-61.59	-55.45	-6.14	-13.00	-48.59	Peak
3	239.52	-63.63	-57.98	-5.65	-13.00	-50.63	Peak
4	318.90	-66.49	-60.75	-5.74	-13.00	-53.49	Peak
5	400.10	-64.71	-61.95	-2.76	-13.00	-51.71	Peak
6	438.60	-72.16	-68.57	-3.59	-13.00	-59.16	Peak
7	1422.00	-54.95	-61.31	6.36	-13.00	-41.95	Peak
8 pp	2133.00	-41.83	-53.11	11.28	-13.00	-28.83	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 8



Site : 966 chamber 1
 Condition: PART 27(B12) Vertical
 Remark : LTE_Band 12_Link_H-Ch
 Tested by: Harry Hsueh

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	54.57	-64.97	-50.91	-14.06	-13.00	-51.97	Peak
2	201.99	-61.33	-55.17	-6.16	-13.00	-48.33	Peak
3	265.44	-61.51	-55.86	-5.65	-13.00	-48.51	Peak
4	322.40	-62.92	-57.22	-5.70	-13.00	-49.92	Peak
5	363.00	-63.50	-58.79	-4.71	-13.00	-50.50	Peak
6	462.40	-66.27	-62.06	-4.21	-13.00	-53.27	Peak
7	1422.00	-56.91	-63.27	6.36	-13.00	-43.91	Peak
8 pp	2133.00	-39.96	-51.24	11.28	-13.00	-26.96	Peak

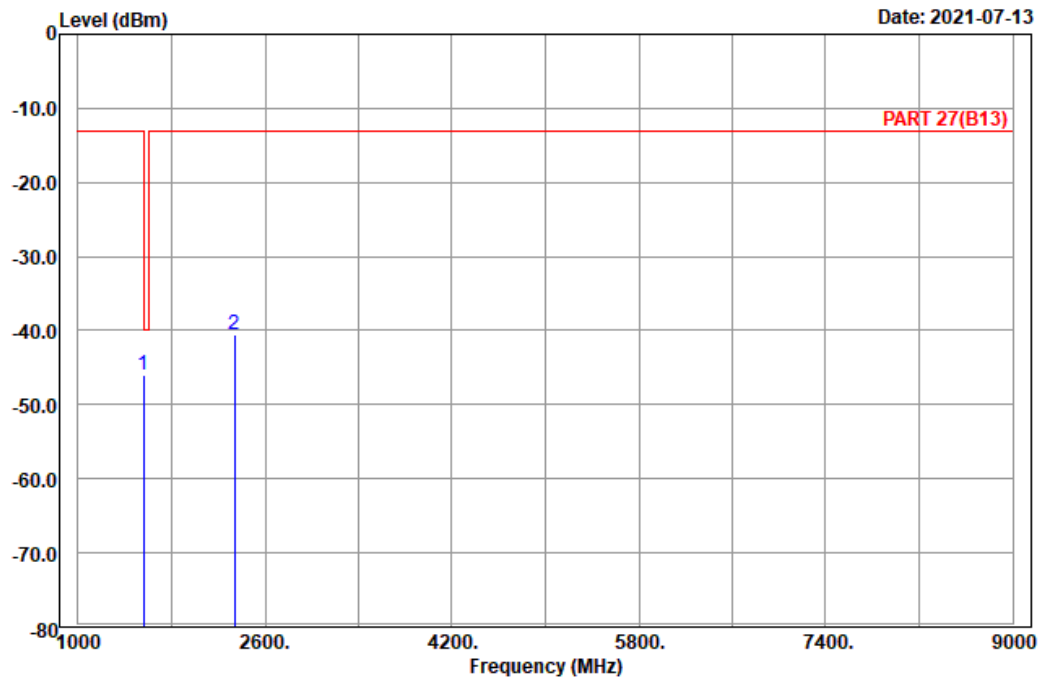
LTE Band 13
 Channel Bandwidth: 5 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 27(B13) Horizontal
 Remark : LTE_Band 13_Link_L-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1 pp	1559.00	-46.03	-52.89	6.86	-40.00	-6.03	Peak
2	2338.50	-40.48	-51.44	10.96	-13.00	-27.48	Peak

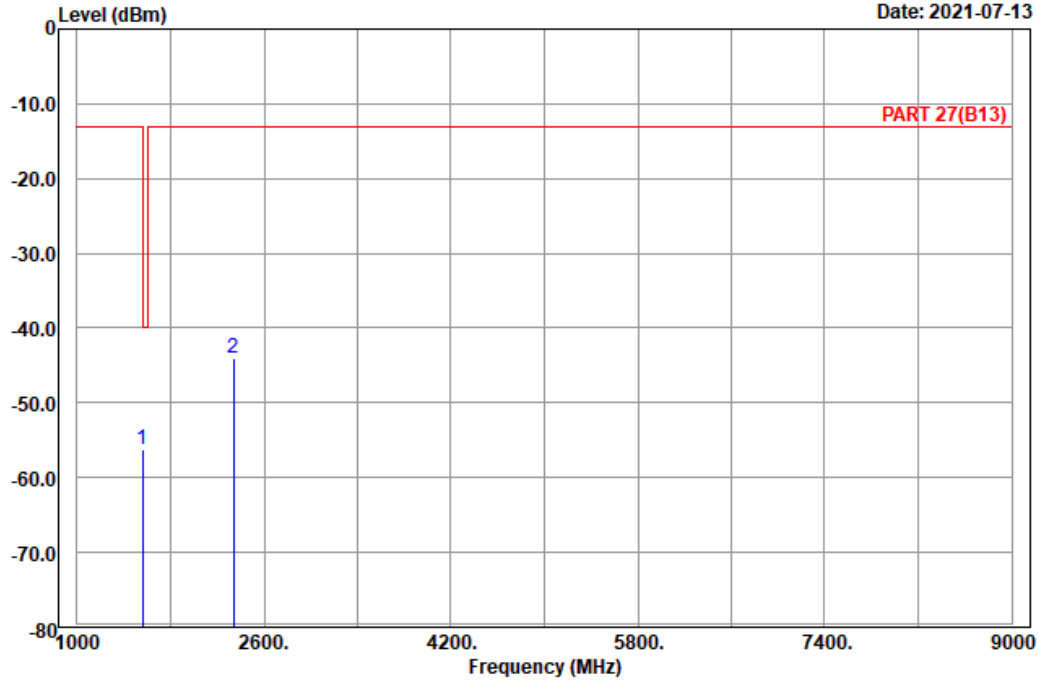


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-07-13



Site : 966 chamber 1
 Condition: PART 27(B13) Vertical
 Remark : LTE_Band 13_Link_L-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1 pp	1559.00	-56.24	-63.10	6.86	-40.00	-16.24	Peak
2	2338.50	-44.07	-55.03	10.96	-13.00	-31.07	Peak

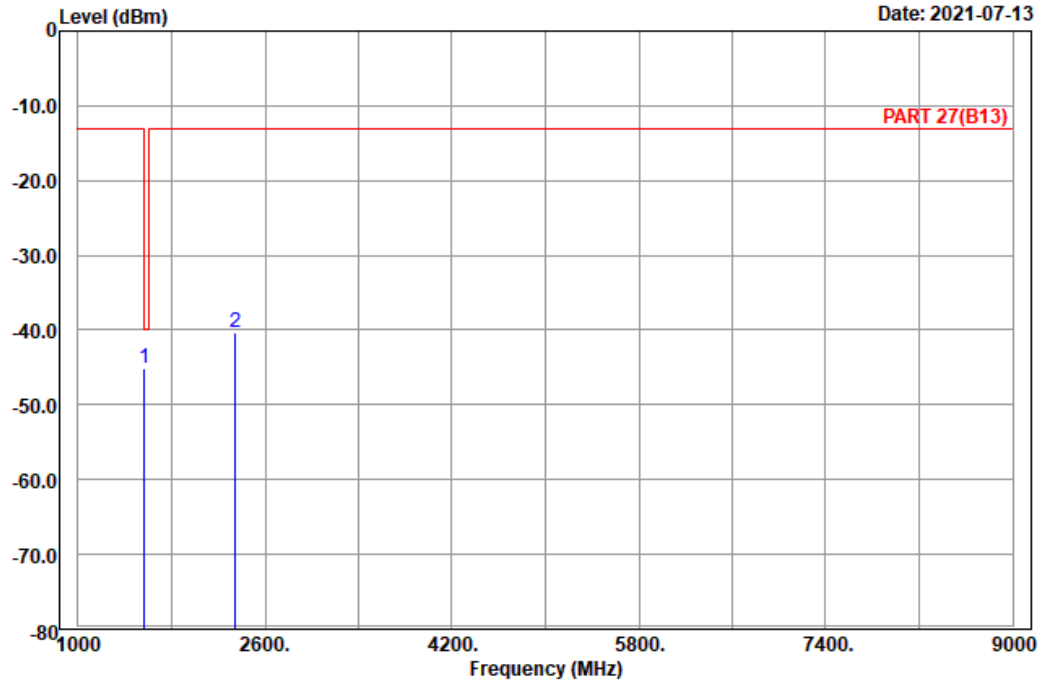
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 27(B13) Horizontal
 Remark : LTE_Band 13_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1 pp	1564.00	-45.06	-51.92	6.86	-40.00	-5.06	Peak
2	2346.00	-40.34	-51.28	10.94	-13.00	-27.34	Peak

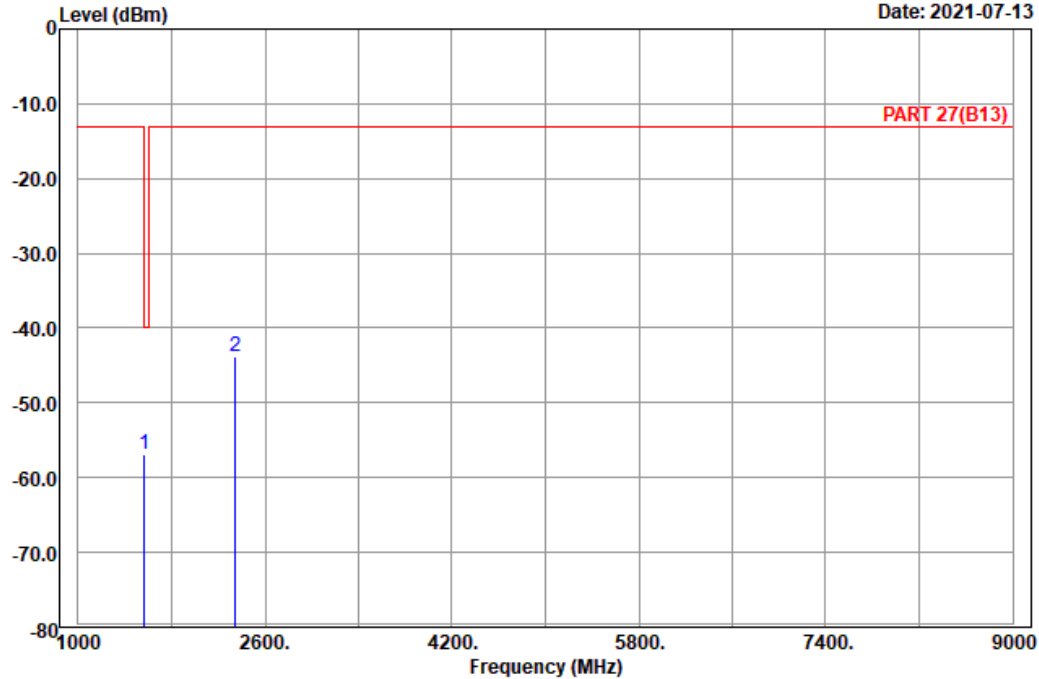


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-07-13



Site : 966 chamber 1
 Condition: PART 27(B13) Vertical
 Remark : LTE_Band 13_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1 pp	1564.00	-56.79	-63.65	6.86	-40.00	-16.79	Peak
2	2346.00	-43.80	-54.74	10.94	-13.00	-30.80	Peak

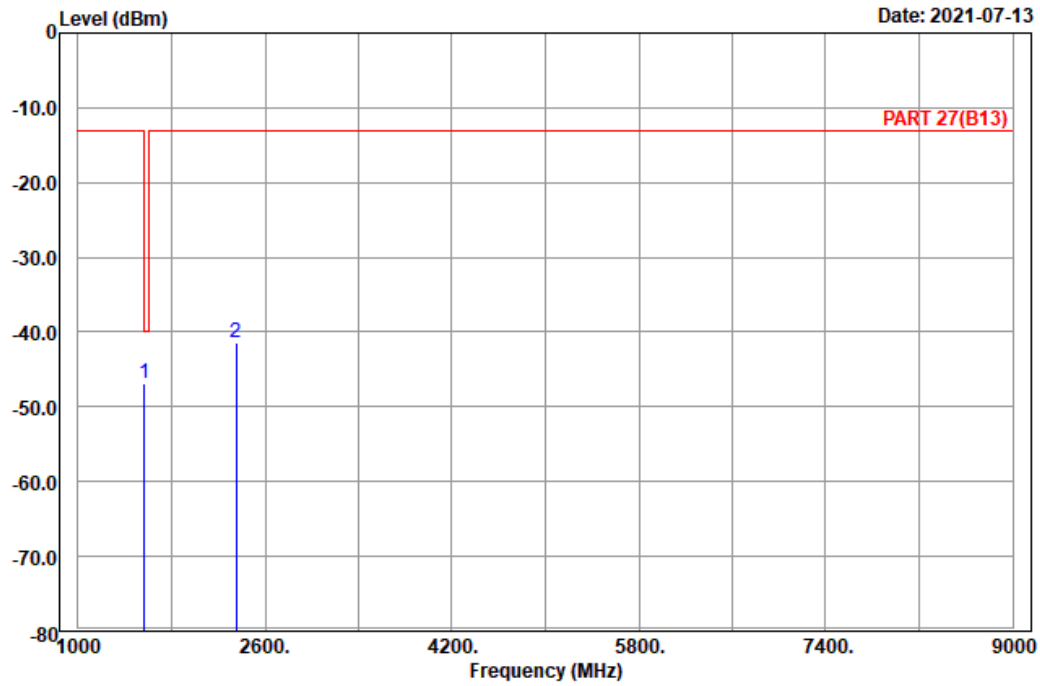
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 27(B13) Horizontal
 Remark : LTE_Band 13_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1 pp	1569.00	-46.96	-54.00	7.04	-40.00	-6.96	Peak
2	2353.50	-41.33	-52.27	10.94	-13.00	-28.33	Peak

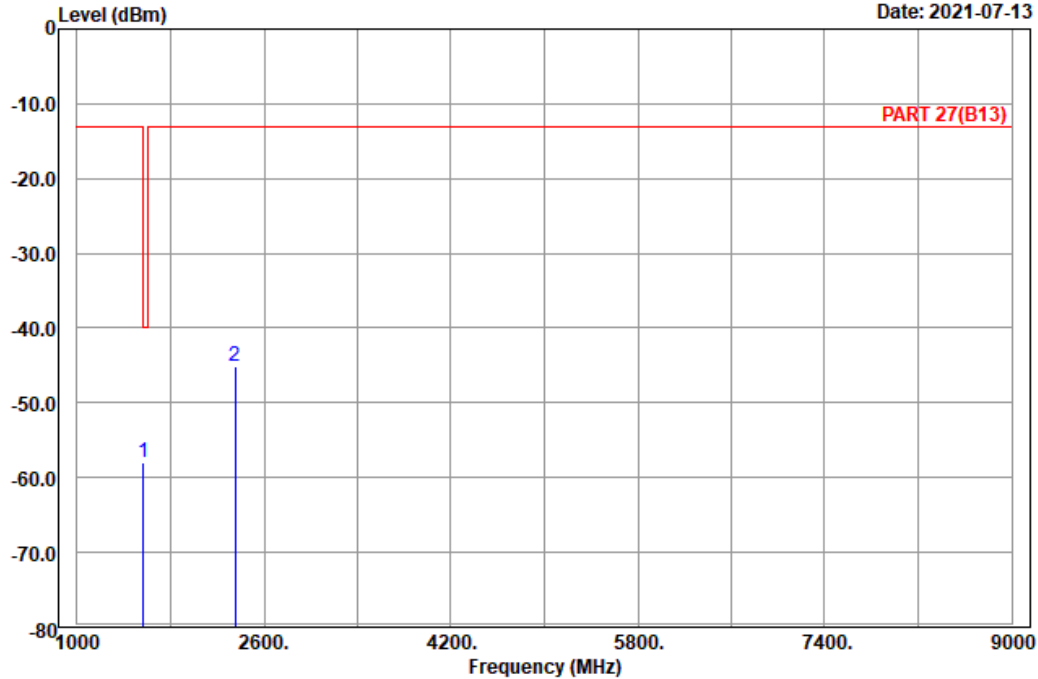


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-07-13



Site : 966 chamber 1
 Condition: PART 27(B13) Vertical
 Remark : LTE_Band 13_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1 pp	1569.00	-58.06	-65.10	7.04	-40.00	-18.06	Peak
2	2353.50	-45.19	-56.13	10.94	-13.00	-32.19	Peak

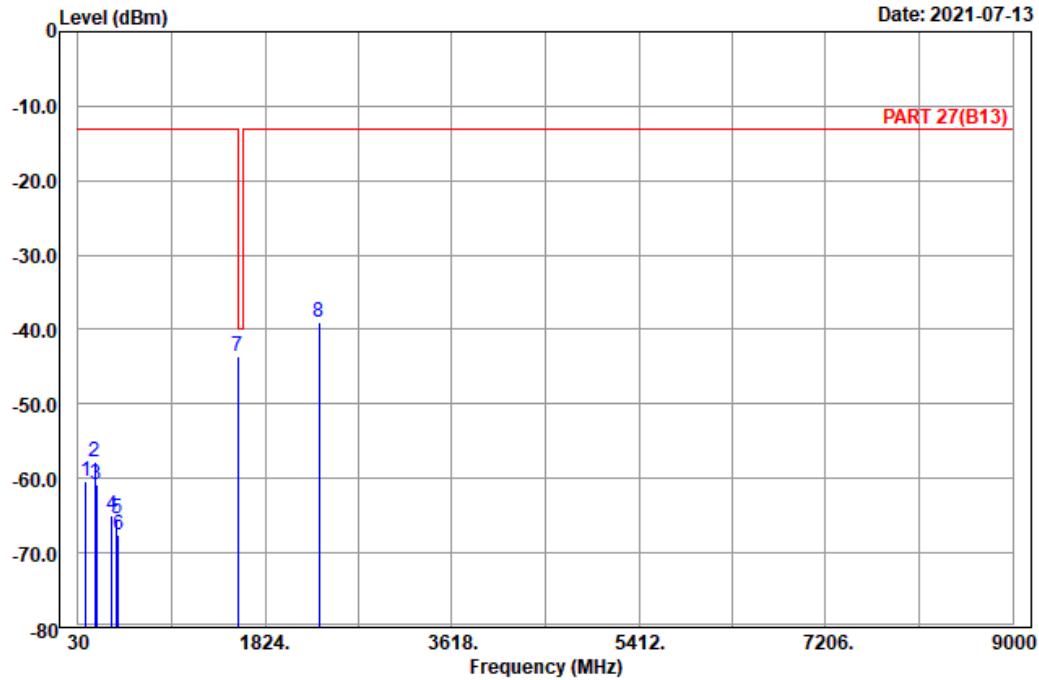
Channel Bandwidth: 10 MHz / QPSK
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
Condition: PART 27(B13) Horizontal
Remark : LTE_Band 13_Link_M-Ch
Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	102.36	-60.27	-50.50	-9.77	-13.00	-47.27	Peak
2	189.30	-57.73	-52.01	-5.72	-13.00	-44.73	Peak
3	209.28	-60.91	-54.86	-6.05	-13.00	-47.91	Peak
4	354.60	-65.02	-59.90	-5.12	-13.00	-52.02	Peak
5	401.50	-65.39	-62.61	-2.78	-13.00	-52.39	Peak
6	415.50	-67.48	-64.40	-3.08	-13.00	-54.48	Peak
7 pp	1564.00	-43.60	-50.46	6.86	-40.00	-3.60	Peak
8	2346.00	-39.00	-49.94	10.94	-13.00	-26.00	Peak

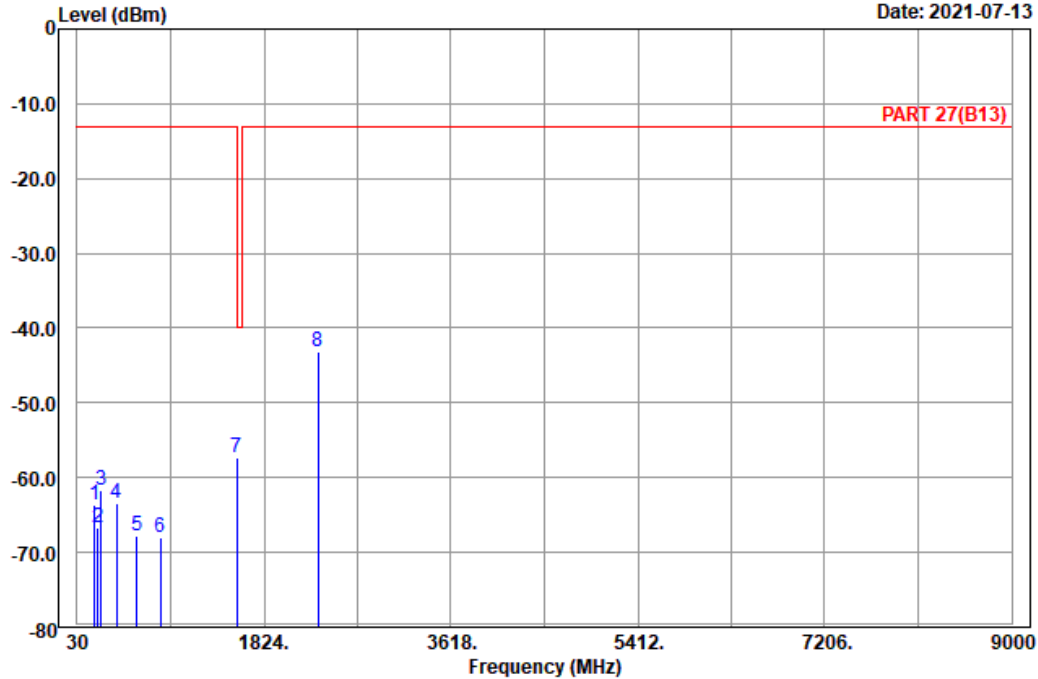


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-07-13



Site : 966 chamber 1
 Condition: PART 27(B13) Vertical
 Remark : LTE_Band 13_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	194.70	-63.60	-57.64	-5.96	-13.00	-50.60	Peak
2	226.02	-66.78	-60.95	-5.83	-13.00	-53.78	Peak
3	259.23	-61.70	-56.11	-5.59	-13.00	-48.70	Peak
4	405.00	-63.39	-60.52	-2.87	-13.00	-50.39	Peak
5	603.80	-67.86	-68.24	0.38	-13.00	-54.86	Peak
6	827.10	-67.92	-69.62	1.70	-13.00	-54.92	Peak
7 pp	1564.00	-57.24	-64.10	6.86	-40.00	-17.24	Peak
8	2346.00	-43.08	-54.02	10.94	-13.00	-30.08	Peak

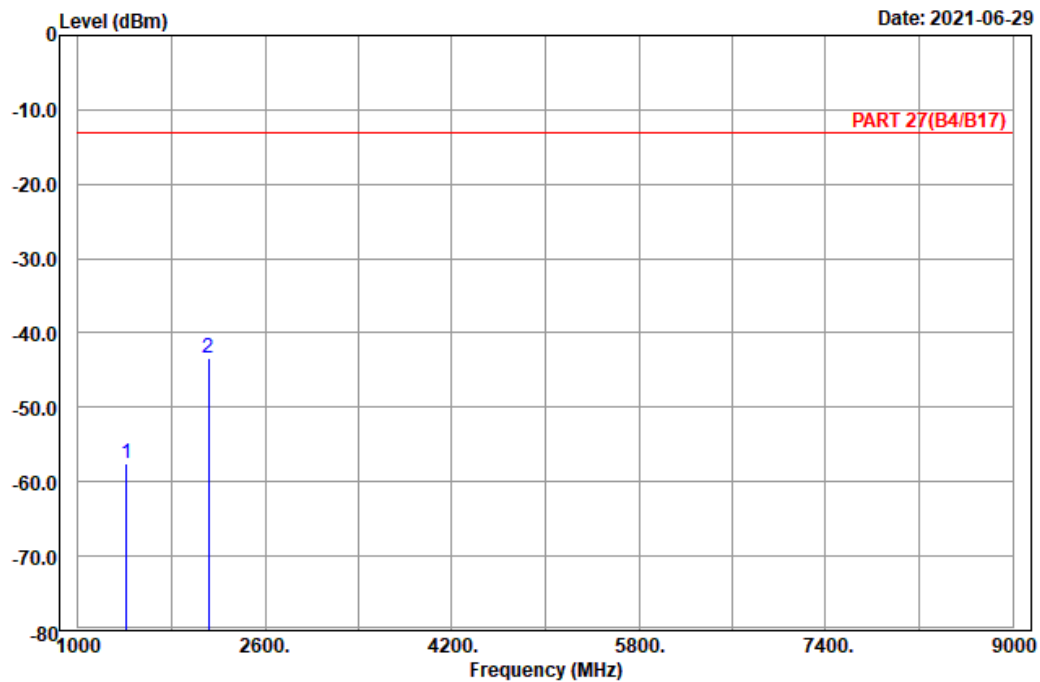
LTE Band 17
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : LTE_Band 17_Link_L-Ch
Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1413.00	-57.49	-63.85	6.36	-13.00	-44.49	Peak
2 pp	2119.50	-43.47	-54.58	11.11	-13.00	-30.47	Peak

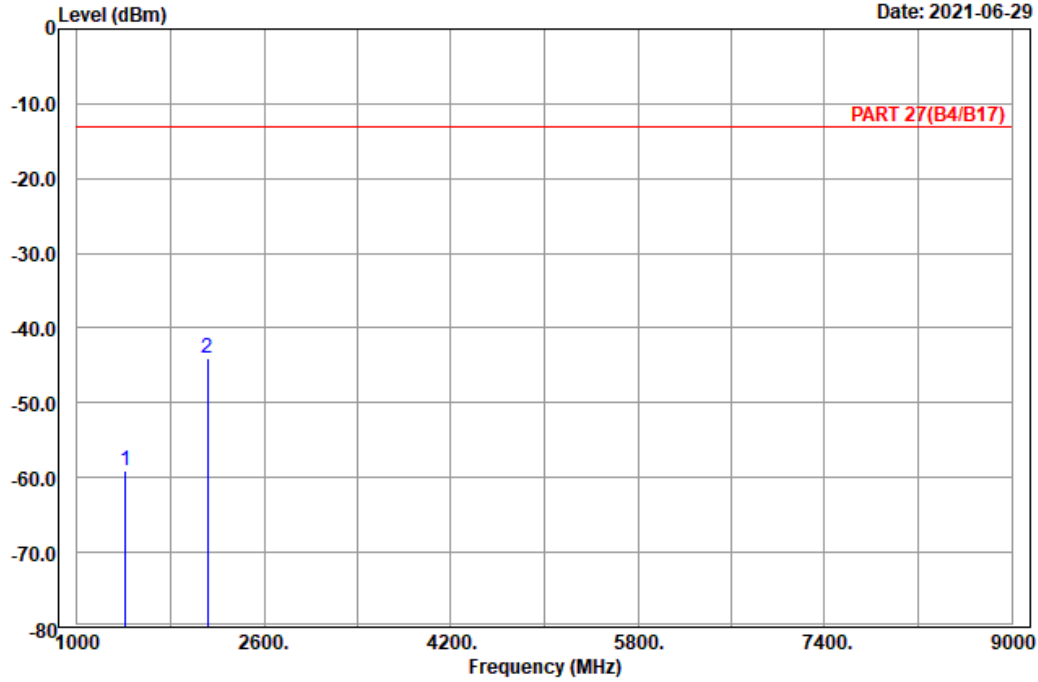


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1413.00	-59.05	-65.41	6.36	-13.00	-46.05	Peak
2	pp 2119.50	-43.96	-55.07	11.11	-13.00	-30.96	Peak

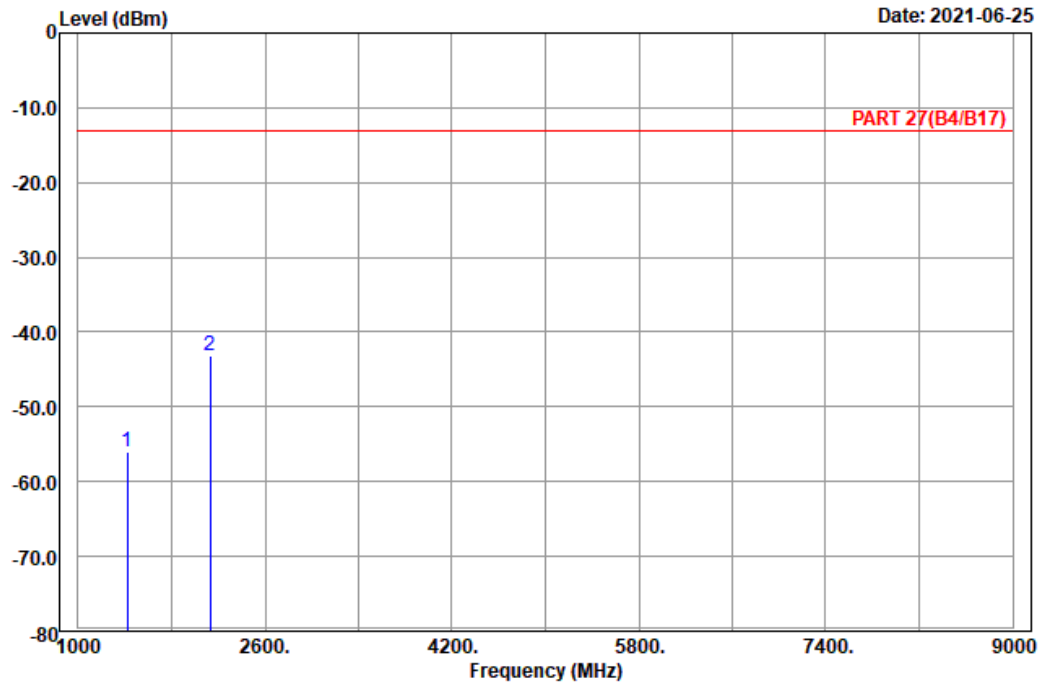
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1420.00	-55.94	-62.30	6.36	-13.00	-42.94	Peak
2 pp	2130.00	-43.07	-54.35	11.28	-13.00	-30.07	Peak

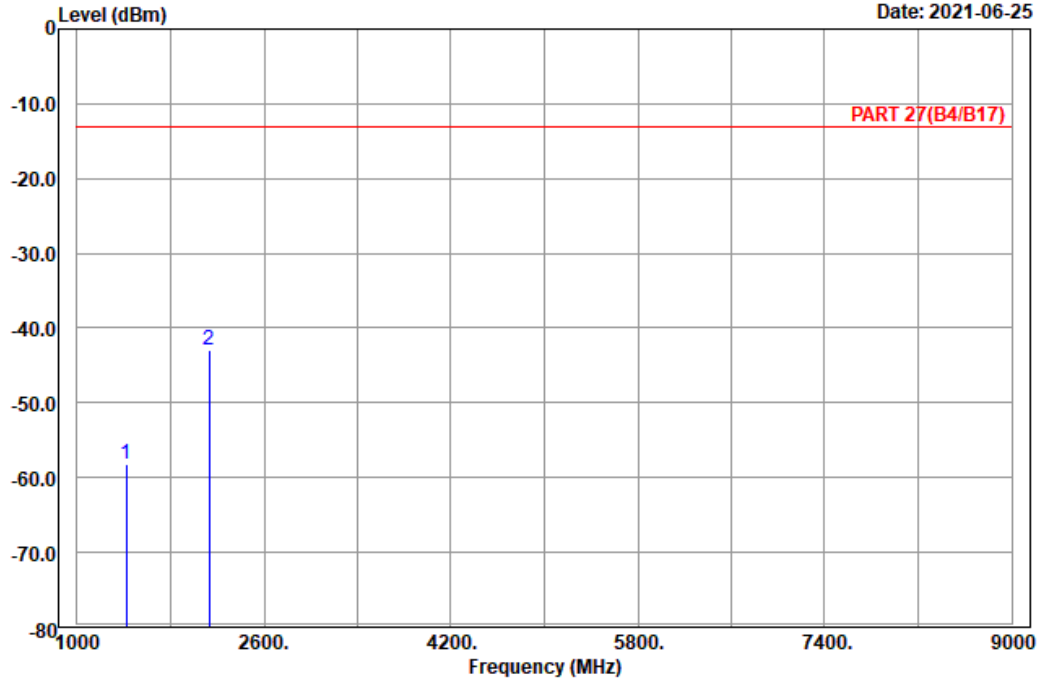


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1420.00	-58.26	-64.62	6.36	-13.00	-45.26	Peak
2	pp 2130.00	-43.01	-54.29	11.28	-13.00	-30.01	Peak

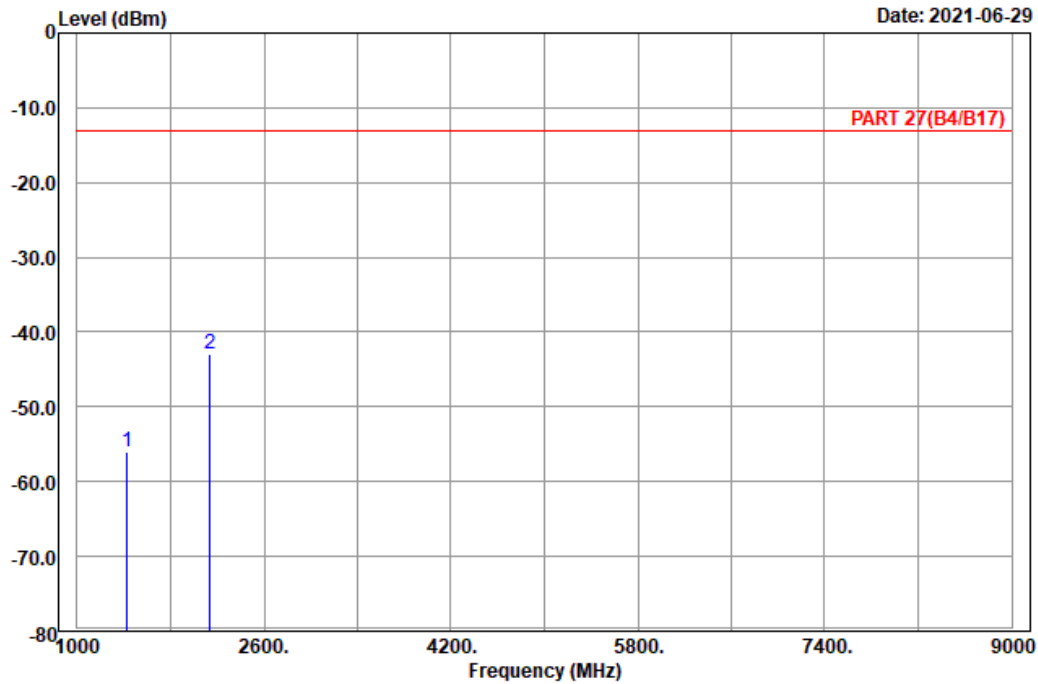
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1427.00	-56.10	-62.34	6.24	-13.00	-43.10	Peak
2 pp	2140.50	-43.05	-54.33	11.28	-13.00	-30.05	Peak

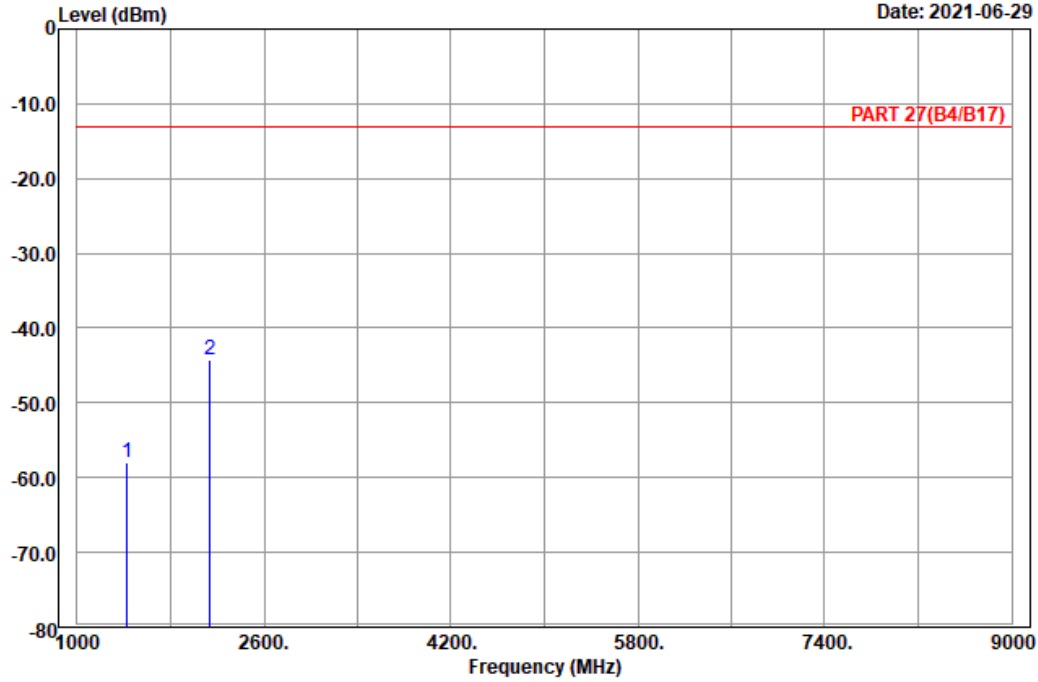


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1427.00	-58.05	-64.29	6.24	-13.00	-45.05	Peak
2	pp 2140.50	-44.24	-55.52	11.28	-13.00	-31.24	Peak

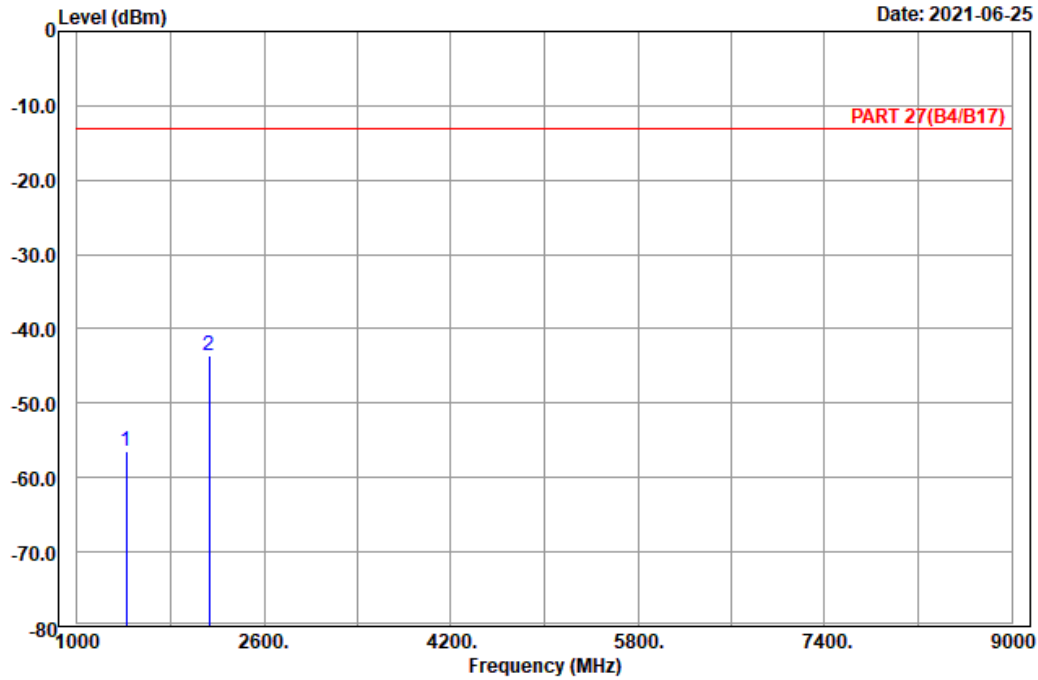
Channel Bandwidth: 10 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : LTE_Band 17_Link_L-Ch
Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1418.00	-56.39	-62.75	6.36	-13.00	-43.39	Peak
2 pp	2127.00	-43.51	-54.79	11.28	-13.00	-30.51	Peak

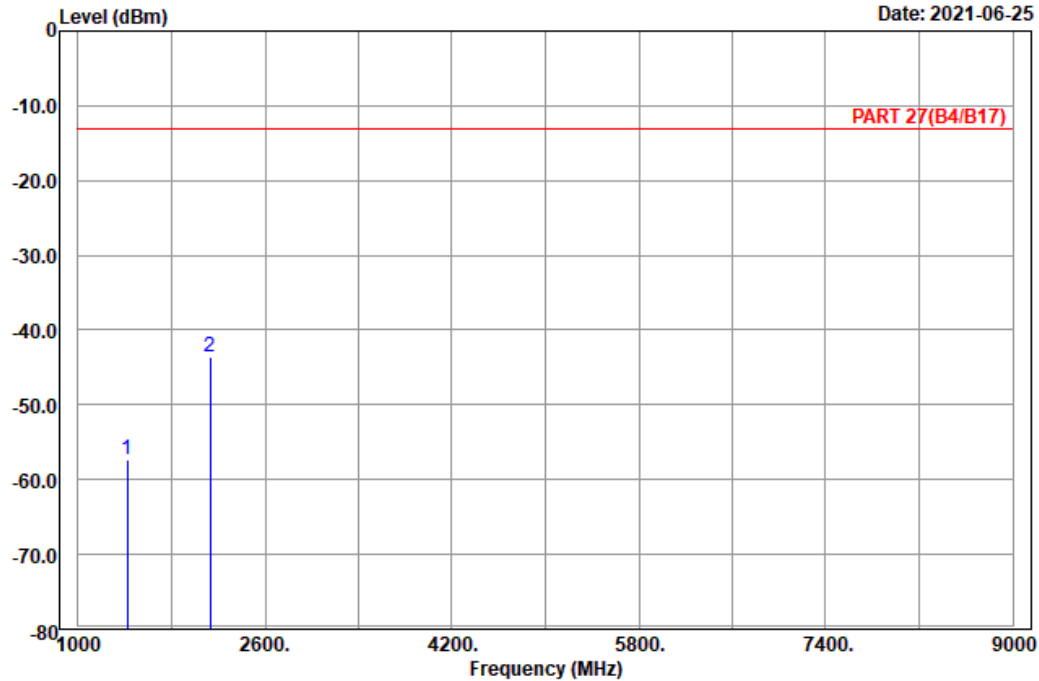


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1418.00	-57.40	-63.76	6.36	-13.00	-44.40	Peak
2	pp 2127.00	-43.60	-54.88	11.28	-13.00	-30.60	Peak

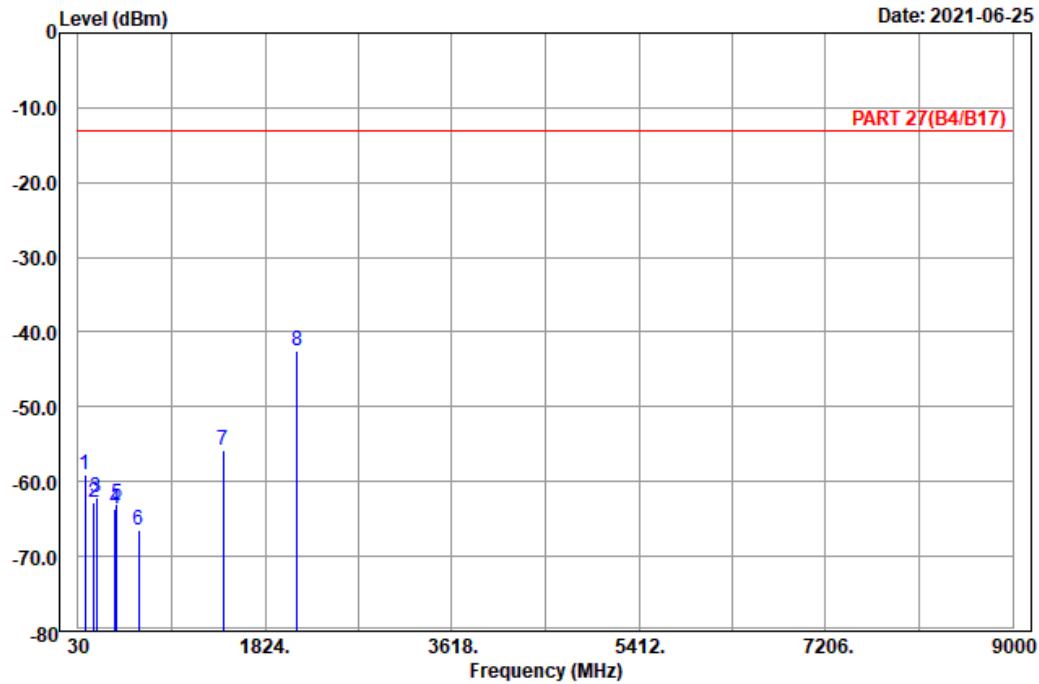
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	98.85	-59.01	-48.83	-10.18	-13.00	-46.01	Peak
2	180.12	-62.72	-57.14	-5.58	-13.00	-49.72	Peak
3	203.88	-62.22	-56.09	-6.13	-13.00	-49.22	Peak
4	386.10	-63.56	-60.10	-3.46	-13.00	-50.56	Peak
5	397.30	-63.08	-60.24	-2.84	-13.00	-50.08	Peak
6	610.10	-66.44	-66.76	0.32	-13.00	-53.44	Peak
7	1420.00	-55.87	-62.23	6.36	-13.00	-42.87	Peak
8 pp	2130.00	-42.56	-53.84	11.28	-13.00	-29.56	Peak

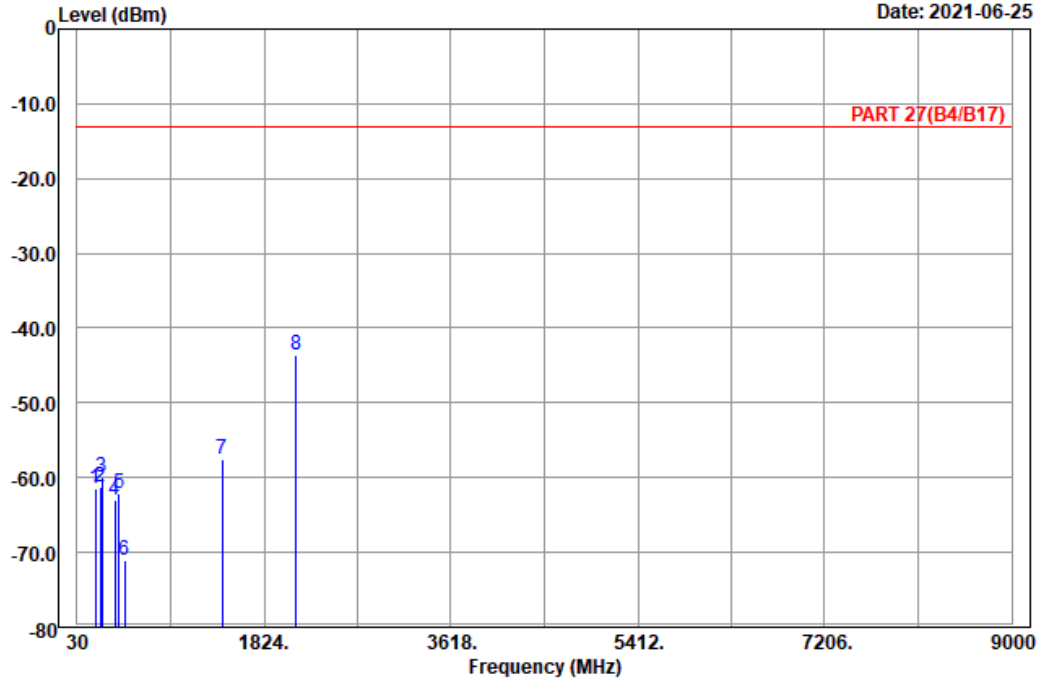


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	202.80	-61.39	-55.25	-6.14	-13.00	-48.39	Peak
2	255.18	-61.16	-55.61	-5.55	-13.00	-48.16	Peak
3	269.76	-59.87	-54.19	-5.68	-13.00	-46.87	Peak
4	391.00	-63.07	-59.86	-3.21	-13.00	-50.07	Peak
5	428.10	-62.06	-58.70	-3.36	-13.00	-49.06	Peak
6	484.80	-71.09	-66.25	-4.84	-13.00	-58.09	Peak
7	1420.00	-57.46	-63.82	6.36	-13.00	-44.46	Peak
8 pp	2130.00	-43.51	-54.79	11.28	-13.00	-30.51	Peak

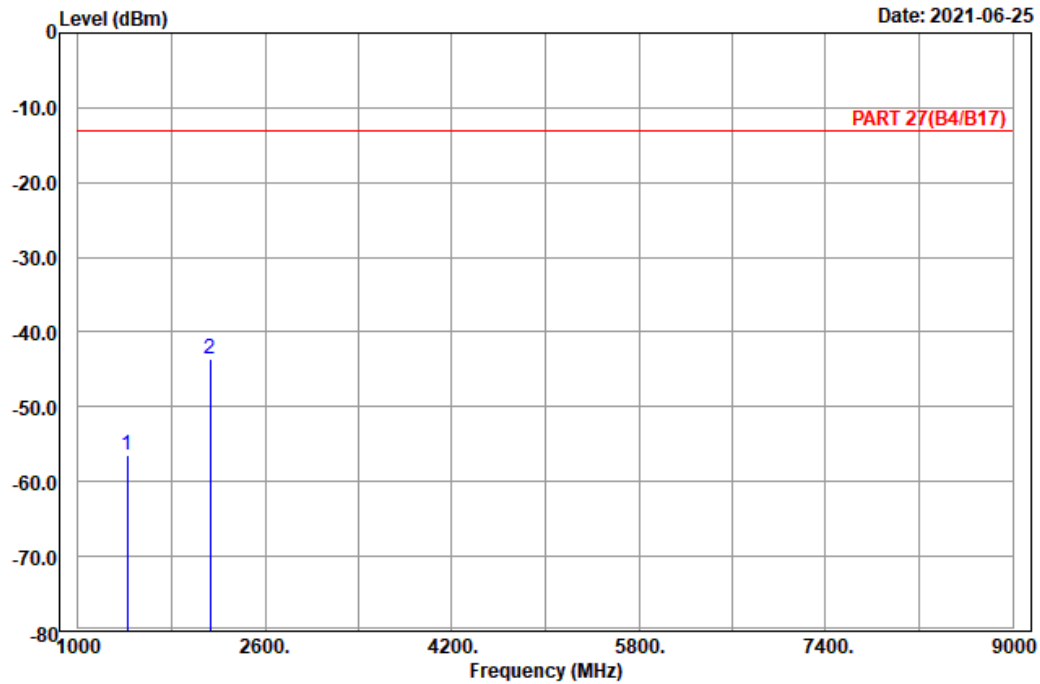
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1422.00	-56.46	-62.82	6.36	-13.00	-43.46	Peak
2 pp	2133.00	-43.60	-54.88	11.28	-13.00	-30.60	Peak

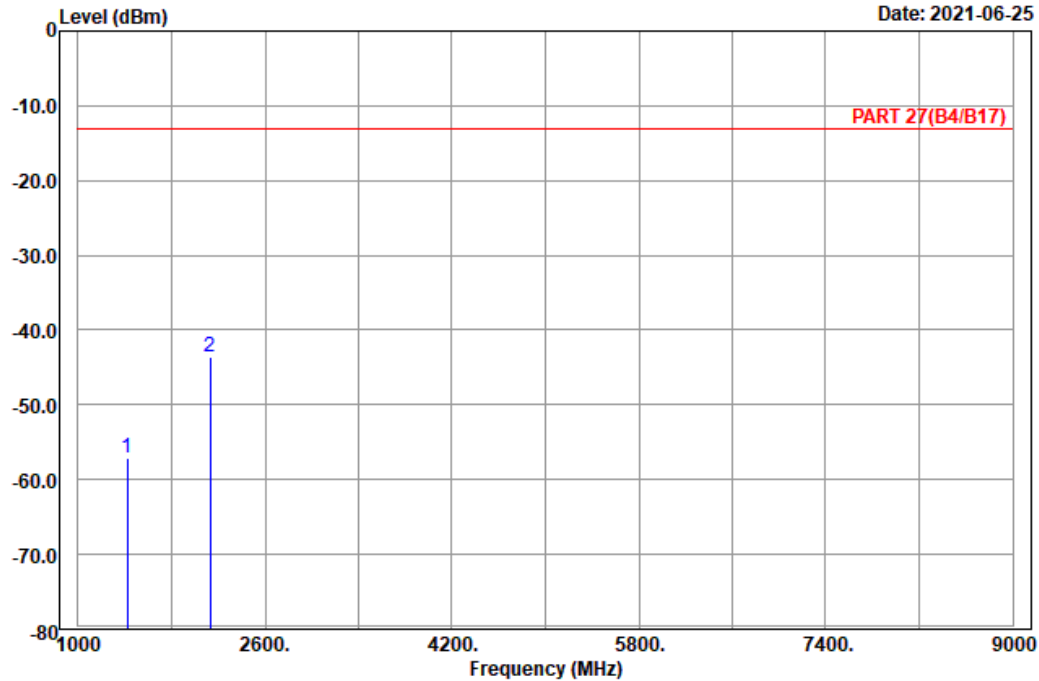


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1422.00	-57.16	-63.52	6.36	-13.00	-44.16	Peak
2	pp 2133.00	-43.51	-54.79	11.28	-13.00	-30.51	Peak

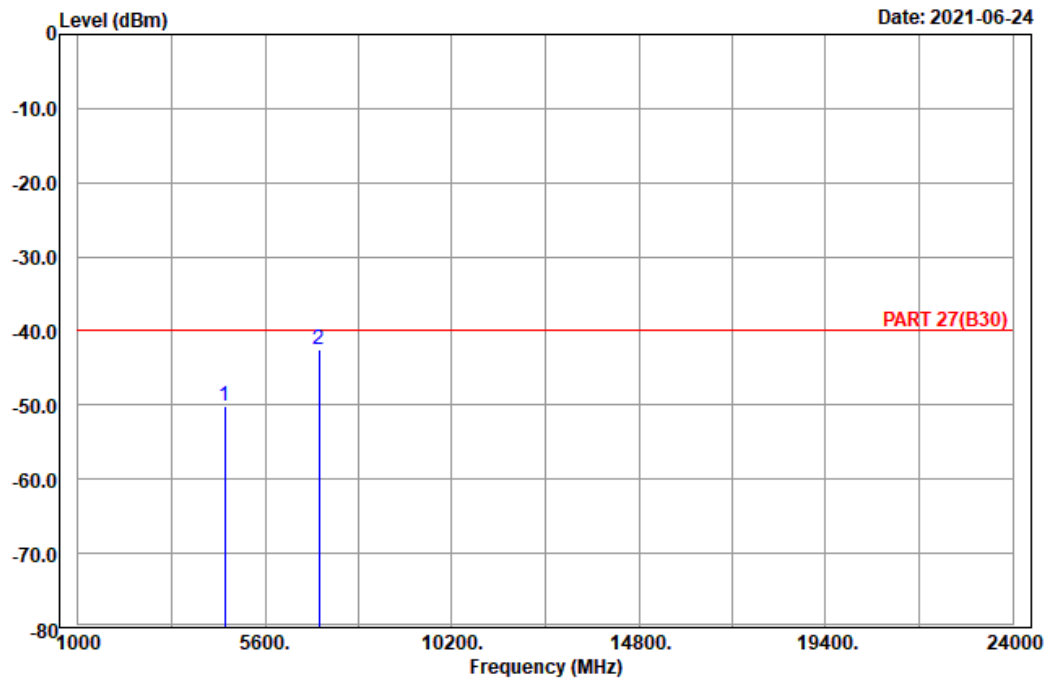
LTE Band 30
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
Condition: PART 27(B30) Horizontal
Remark : LTE_Band 30_Link_L-Ch
Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	4615.00	-50.20	-68.63	18.43	-40.00	-10.20	Peak
2 pp	6922.50	-42.53	-65.40	22.87	-40.00	-2.53	Peak

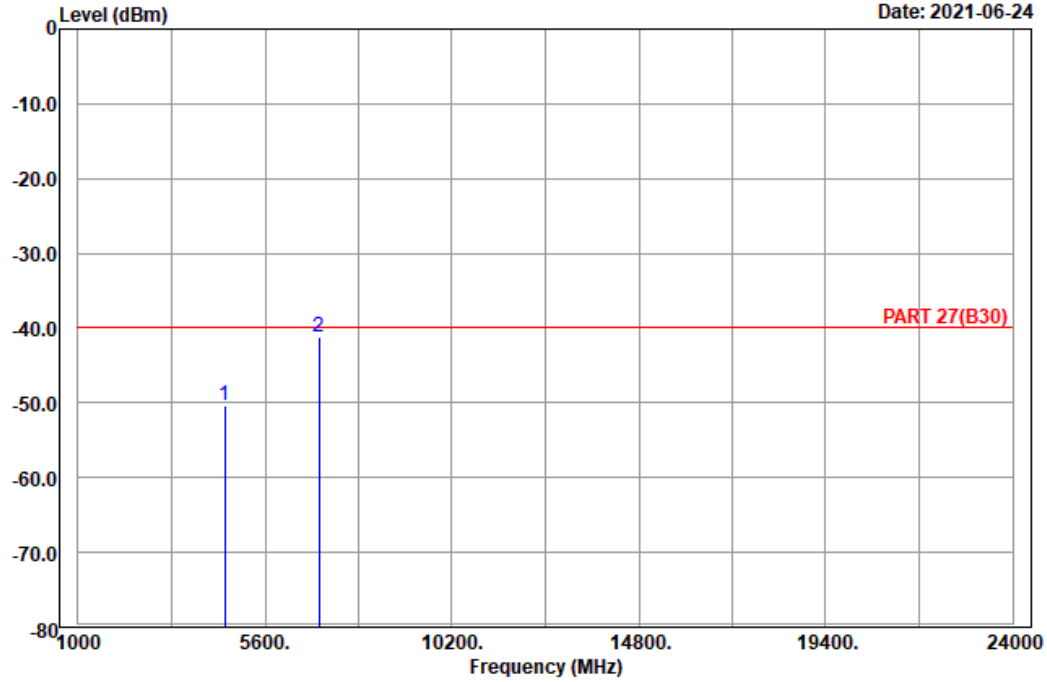


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 27(B30) Vertical
 Remark : LTE_Band 30_Link_L-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	4615.00	-50.43	-68.86	18.43	-40.00	-10.43	Peak
2	6922.50	-41.18	-64.05	22.87	-40.00	-1.18	Peak

Middle Channel

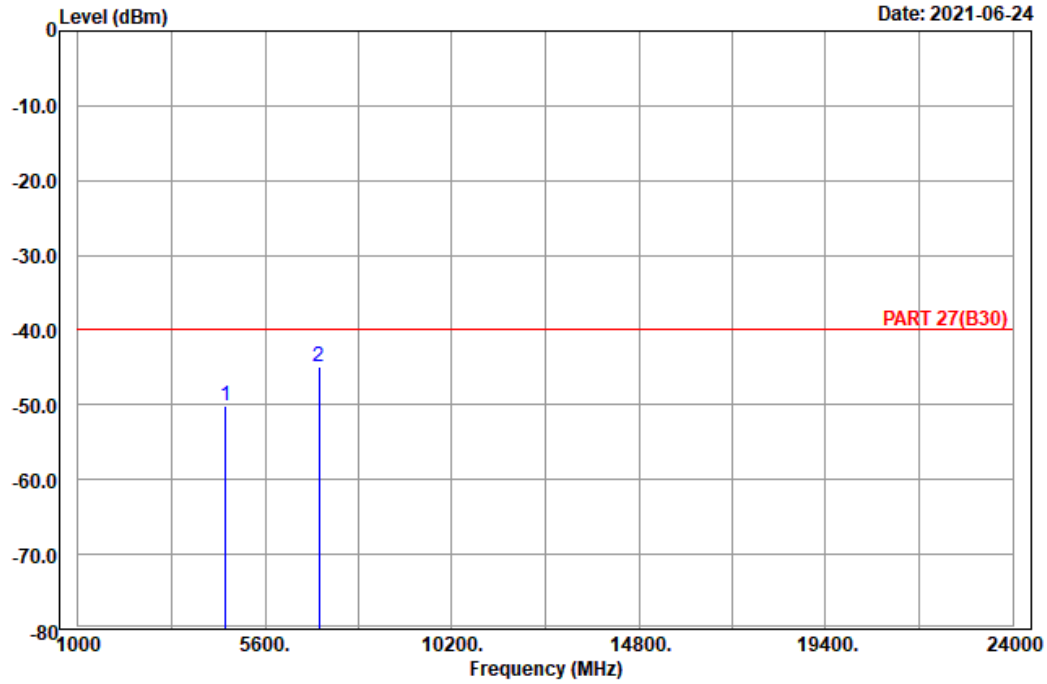


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 27(B30) Horizontal
 Remark : LTE_Band 30_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	4620.00	-50.19	-68.62	18.43	-40.00	-10.19	Peak
2	pp 6930.00	-44.88	-67.75	22.87	-40.00	-4.88	Peak

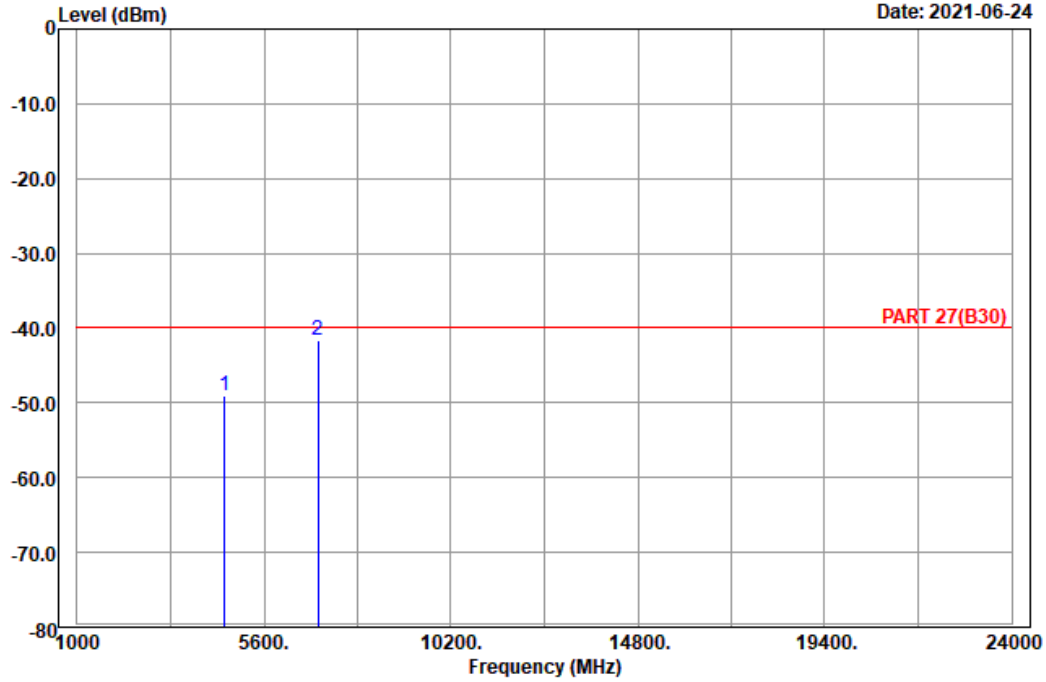


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 27(B30) Vertical
 Remark : LTE_Band 30_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	4620.00	-49.09	-67.52	18.43	-40.00	-9.09	Peak
2	pp 6930.00	-41.60	-64.47	22.87	-40.00	-1.60	Peak

High Channel

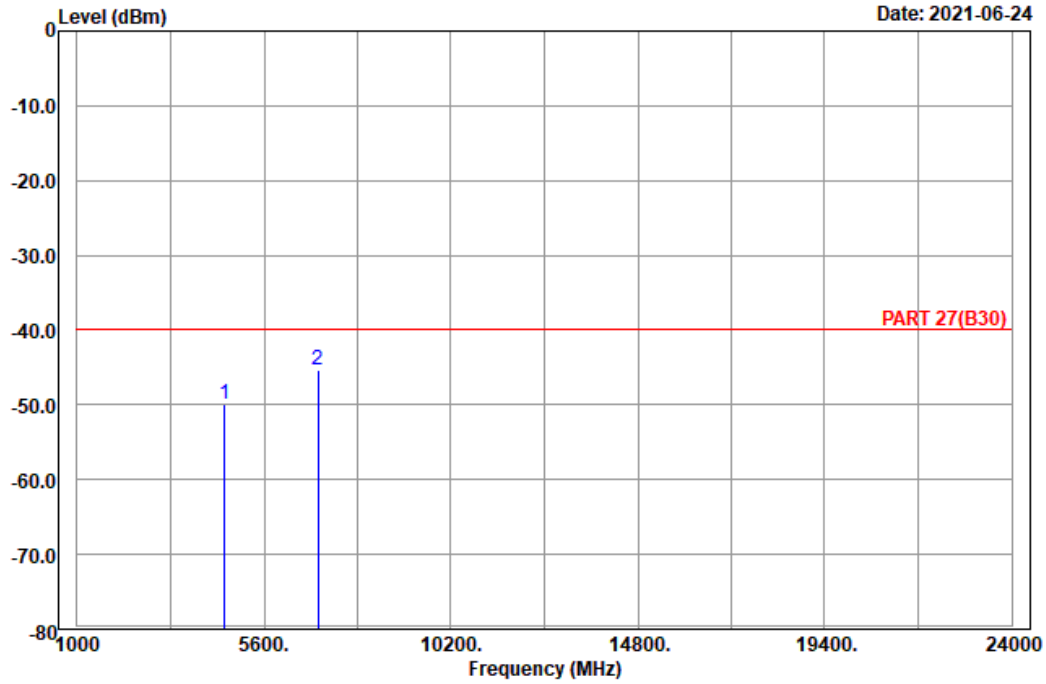


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 27(B30) Horizontal
 Remark : LTE_Band 30_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	4625.00	-50.00	-68.43	18.43	-40.00	-10.00	Peak
2	pp 6937.50	-45.35	-68.16	22.81	-40.00	-5.35	Peak

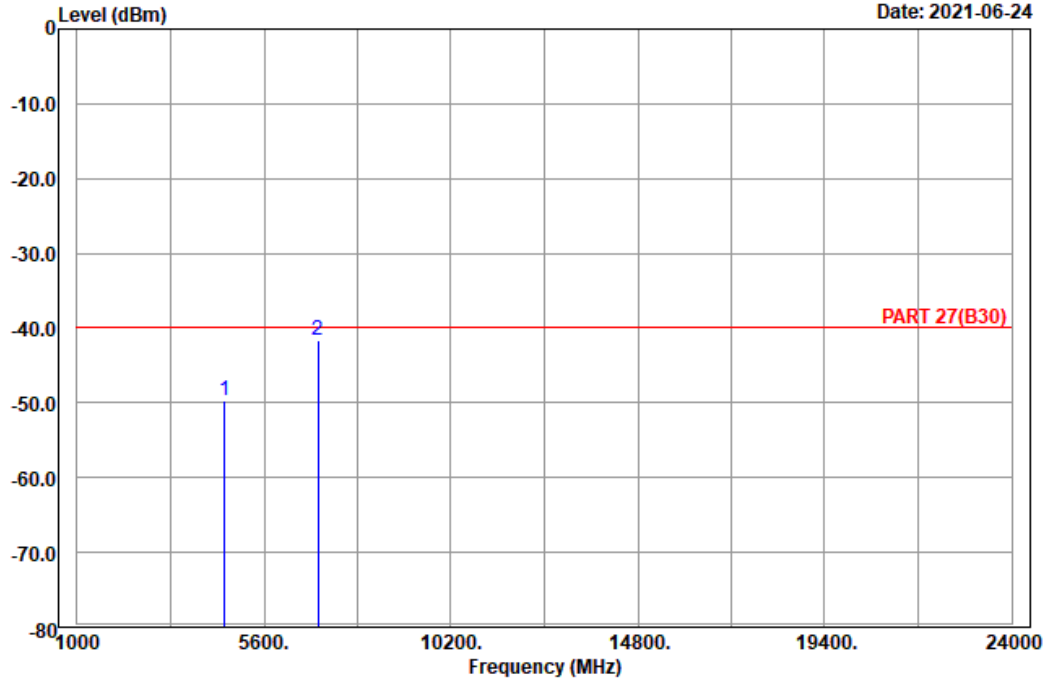


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 27(B30) Vertical
 Remark : LTE_Band 30_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	4625.00	-49.73	-68.16	18.43	-40.00	-9.73	Peak
2	6937.50	-41.74	-64.55	22.81	-40.00	-1.74	Peak

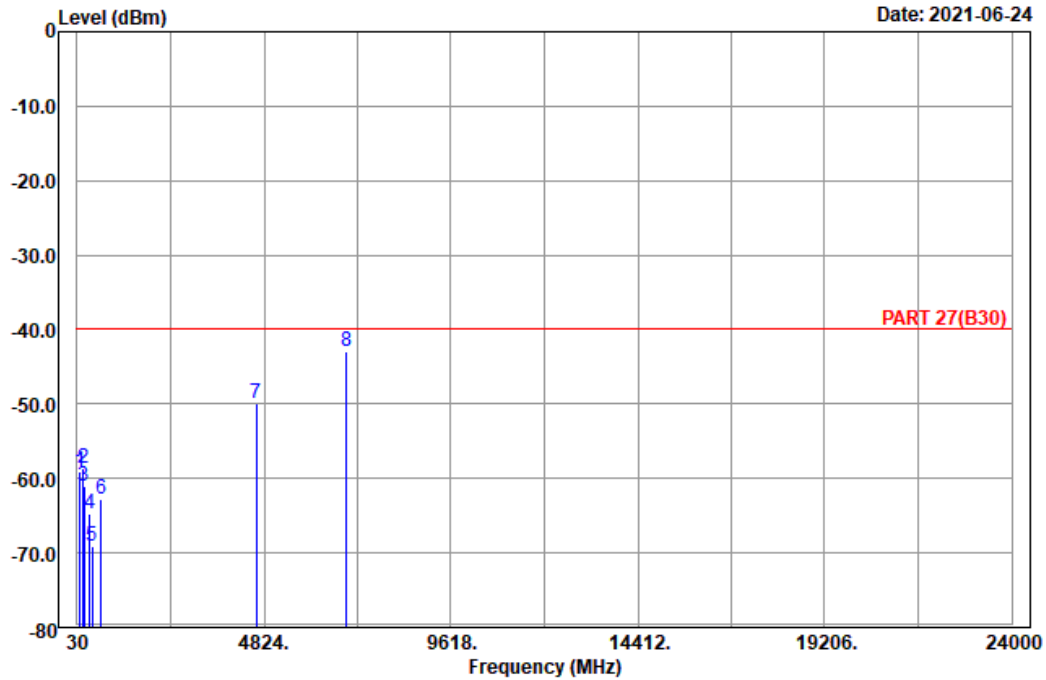
Channel Bandwidth: 10 MHz / QPSK
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13



Site : 966 chamber 1
Condition: PART 27(B30) Horizontal
Remark : LTE_Band 30_Link_M-Ch
Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	96.42	-58.98	-48.64	-10.34	-40.00	-18.98	Peak
2	177.42	-58.62	-52.74	-5.88	-40.00	-18.62	Peak
3	200.64	-61.12	-54.95	-6.17	-40.00	-21.12	Peak
4	348.30	-64.83	-59.43	-5.40	-40.00	-24.83	Peak
5	409.90	-69.17	-66.20	-2.97	-40.00	-29.17	Peak
6	652.80	-62.79	-62.64	-0.15	-40.00	-22.79	Peak
7	4620.00	-49.91	-68.34	18.43	-40.00	-9.91	Peak
8 pp	6930.00	-42.97	-65.84	22.87	-40.00	-2.97	Peak

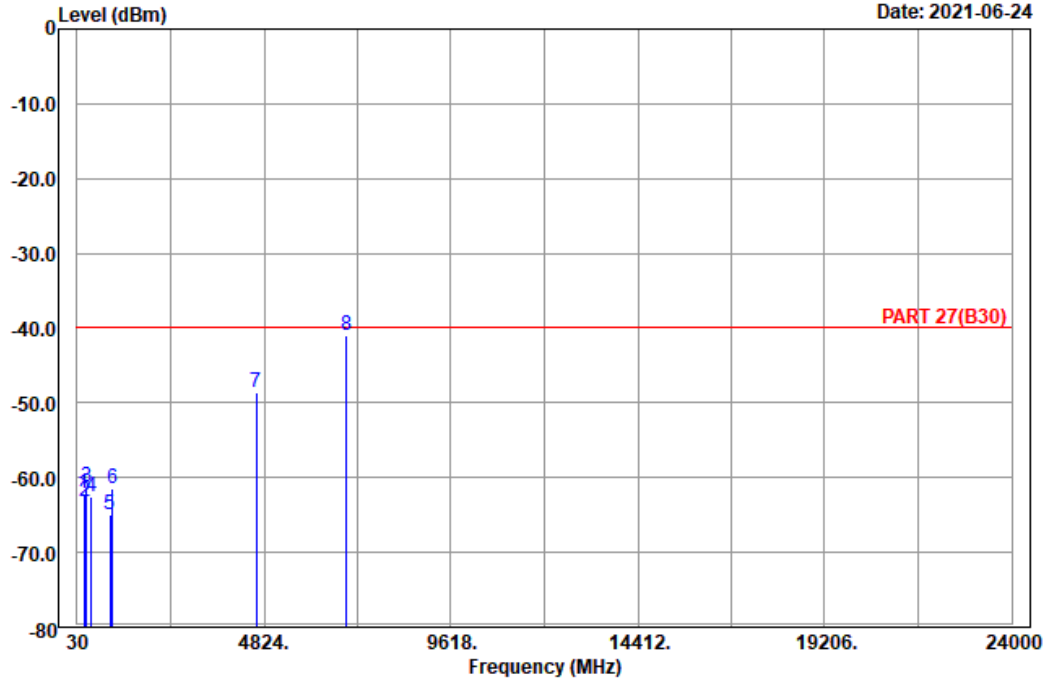


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 27(B30) Vertical
 Remark : LTE_Band 30_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	198.48	-62.12	-55.98	-6.14	-40.00	-22.12	Peak
2	253.83	-63.24	-57.70	-5.54	-40.00	-23.24	Peak
3	269.76	-61.32	-55.64	-5.68	-40.00	-21.32	Peak
4	398.00	-62.54	-59.70	-2.84	-40.00	-22.54	Peak
5	882.40	-65.01	-67.40	2.39	-40.00	-25.01	Peak
6	936.30	-61.55	-66.05	4.50	-40.00	-21.55	Peak
7	4620.00	-48.56	-66.99	18.43	-40.00	-8.56	Peak
8 pp	6930.00	-41.04	-63.91	22.87	-40.00	-1.04	Peak

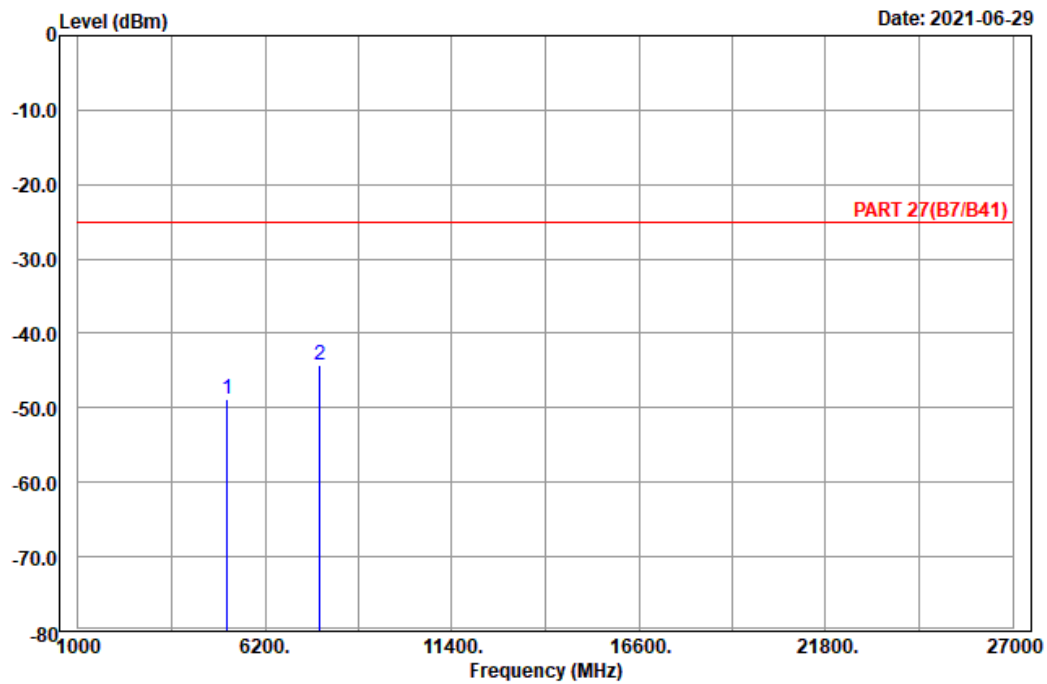
LTE Band 38
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B7/B41) Horizontal
Remark : LTE_Band 38_Link_L-Ch
Tested by: Karl Lee

	Read	Limit	Over				
Freq	Level	Level	Factor	Line	Limit	Remark	
MHz	dBm	dBm	dB	dBm	dB		
1	5145.00	-48.84	-68.65	19.81	-25.00	-23.84	Peak
2 pp	7717.50	-44.22	-67.41	23.19	-25.00	-19.22	Peak

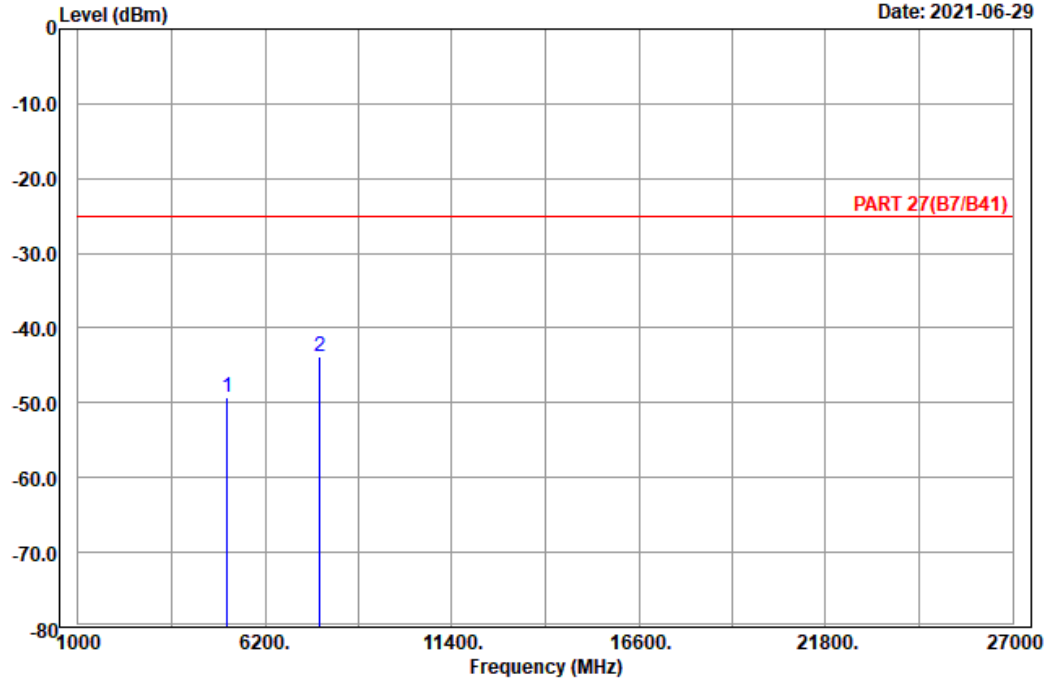


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 38_Link_L-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5145.00	-49.23	-69.04	19.81	-25.00	-24.23	Peak
2 pp	7717.50	-43.83	-67.02	23.19	-25.00	-18.83	Peak

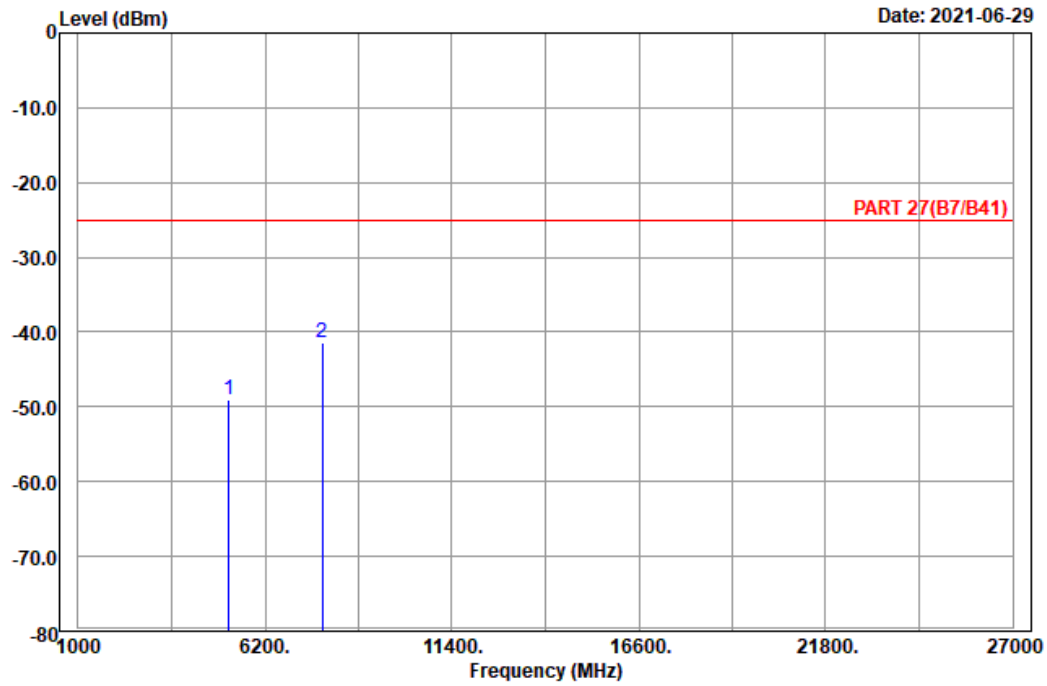
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 38_Link_M-Ch
 Tested by: Karl Lee

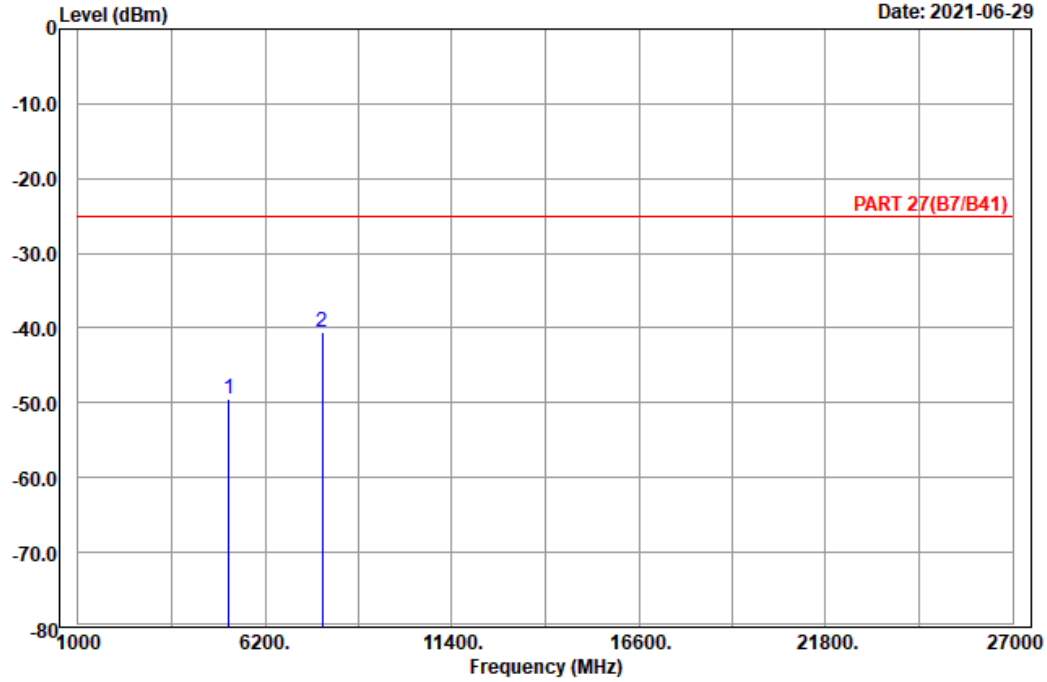
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5190.00	-48.96	-69.08	20.12	-25.00	-23.96	Peak
2	pp 7785.00	-41.40	-64.73	23.33	-25.00	-16.40	Peak



A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 38_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5190.00	-49.43	-69.55	20.12	-25.00	-24.43	Peak
2	pp 7785.00	-40.60	-63.93	23.33	-25.00	-15.60	Peak

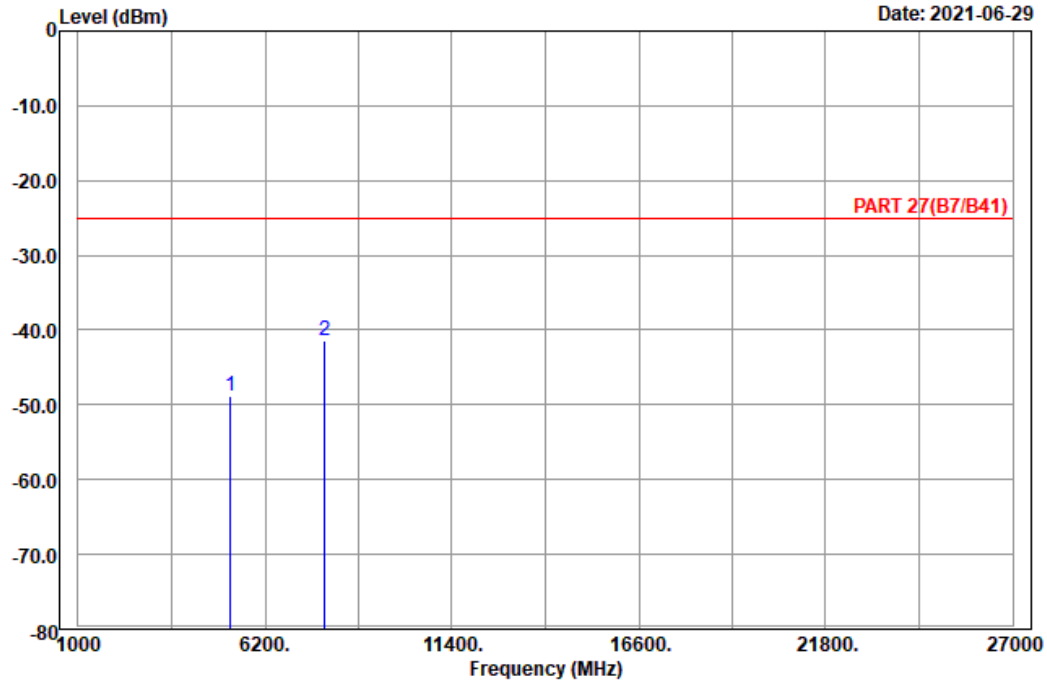
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 38_Link_H-Ch
 Tested by: Karl Lee

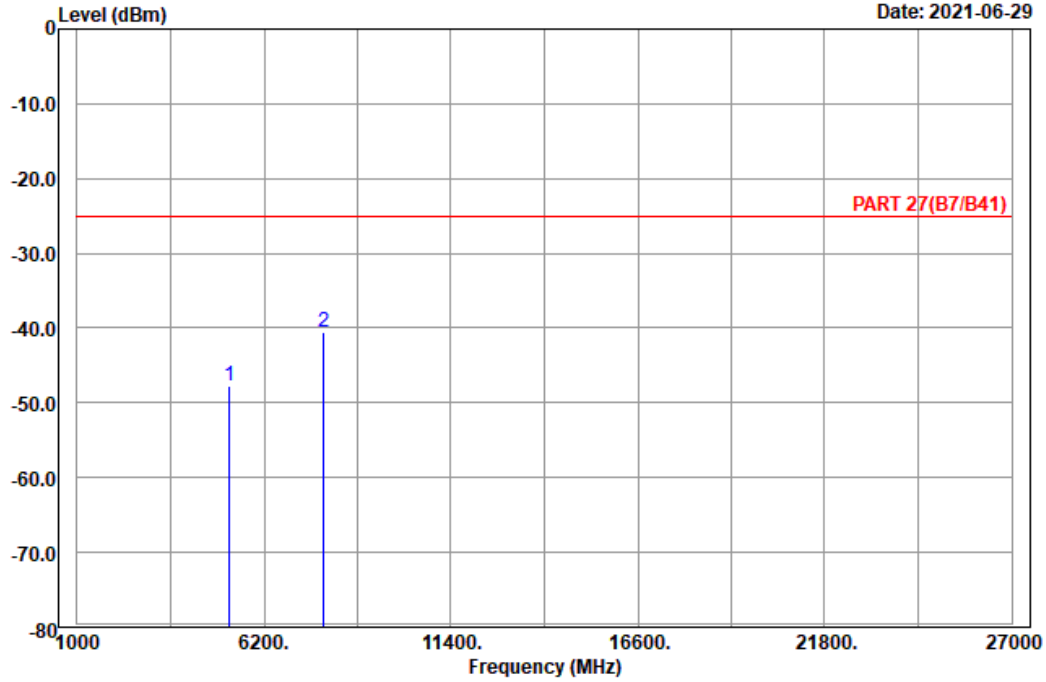
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5235.00	-48.76	-68.92	20.16	-25.00	-23.76	Peak
2 pp	7852.50	-41.42	-64.88	23.46	-25.00	-16.42	Peak



A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 38_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5235.00	-47.66	-67.82	20.16	-25.00	-22.66	Peak
2	pp 7852.50	-40.45	-63.91	23.46	-25.00	-15.45	Peak

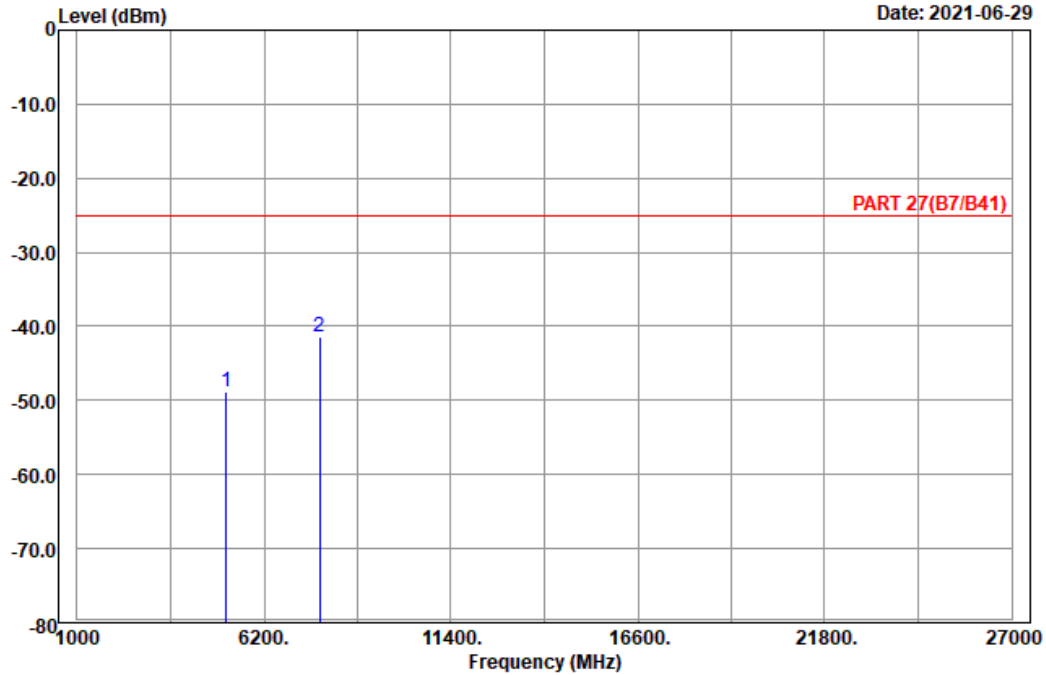
Channel Bandwidth: 20 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 27(B7/B41) Horizontal
Remark : LTE_Band 38_Link_L-Ch
Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5160.00	-48.73	-68.65	19.92	-25.00	-23.73	Peak
2	7740.00	-41.50	-64.73	23.23	-25.00	-16.50	Peak

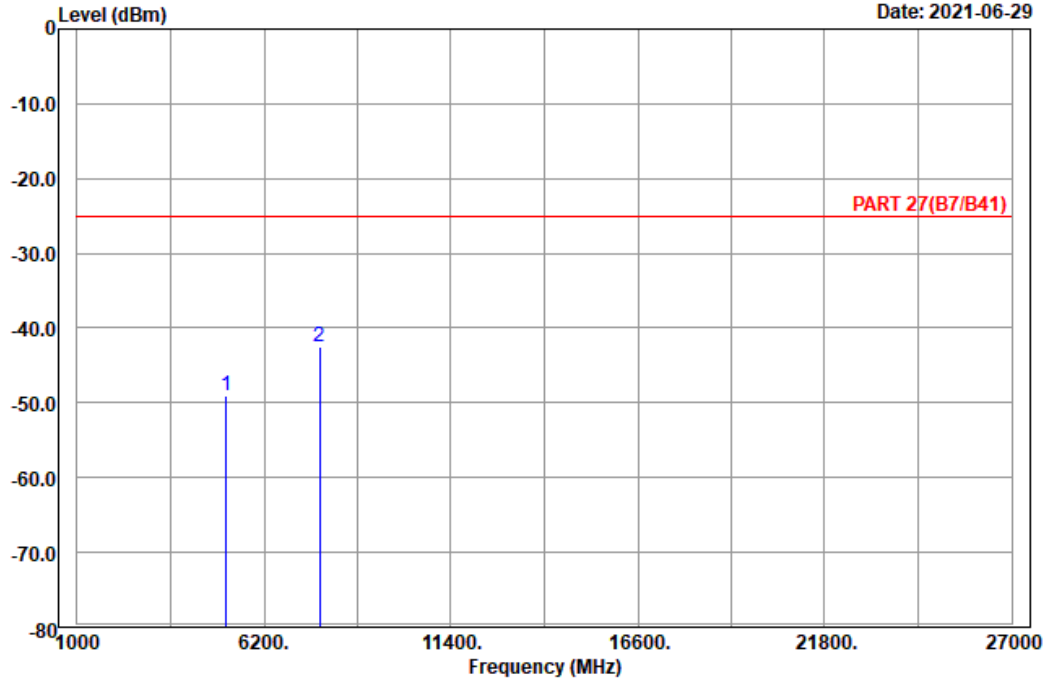


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 38_Link_L-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5160.00	-49.08	-69.00	19.92	-25.00	-24.08	Peak
2 pp	7740.00	-42.50	-65.73	23.23	-25.00	-17.50	Peak

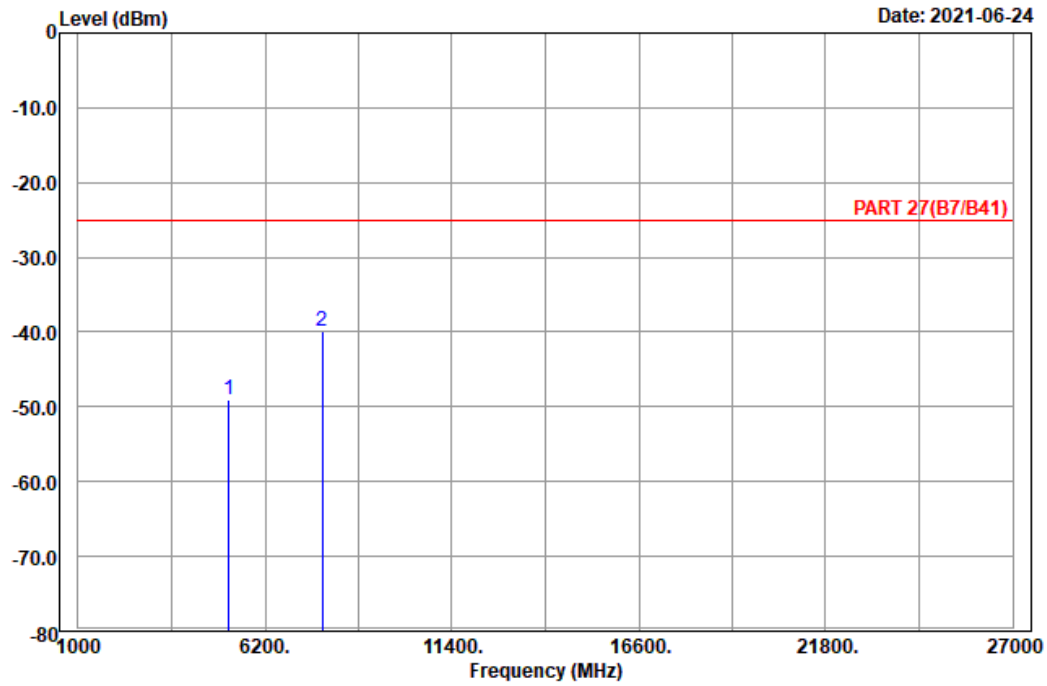
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 38_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5190.00	-49.11	-69.23	20.12	-25.00	-24.11	Peak
2	pp 7785.00	-39.81	-63.14	23.33	-25.00	-14.81	Peak

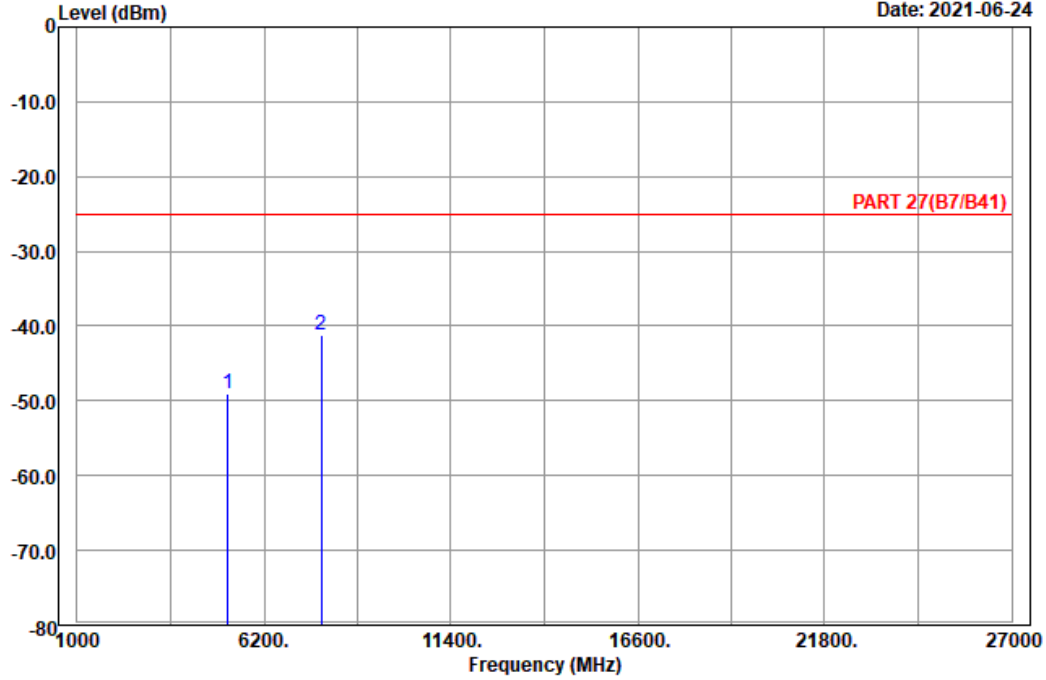


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 38_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5190.00	-49.00	-69.12	20.12	-25.00	-24.00	Peak
2	pp 7785.00	-41.27	-64.60	23.33	-25.00	-16.27	Peak

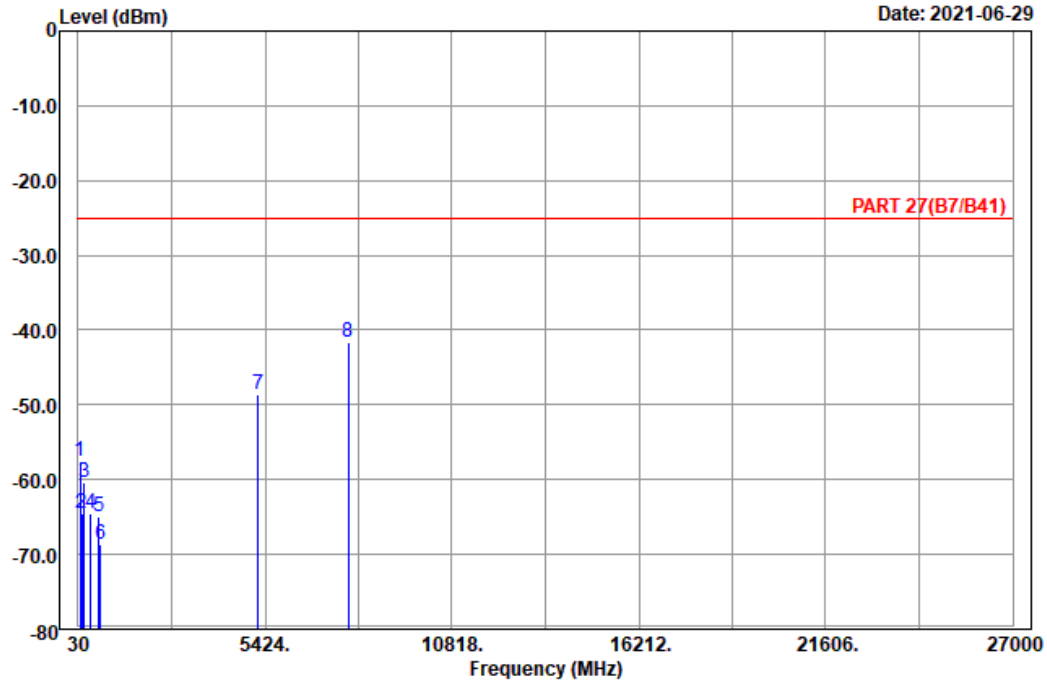
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 7



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 38_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	97.50	-57.61	-47.38	-10.23	-25.00	-32.61	Peak
2	140.97	-64.52	-56.80	-7.72	-25.00	-39.52	Peak
3	201.72	-60.29	-54.13	-6.16	-25.00	-35.29	Peak
4	391.70	-64.57	-61.42	-3.15	-25.00	-39.57	Peak
5	626.90	-64.97	-65.10	0.13	-25.00	-39.97	Peak
6	682.90	-68.73	-68.44	-0.29	-25.00	-43.73	Peak
7	5224.00	-48.65	-68.81	20.16	-25.00	-23.65	Peak
8 pp	7830.00	-41.69	-65.09	23.40	-25.00	-16.69	Peak

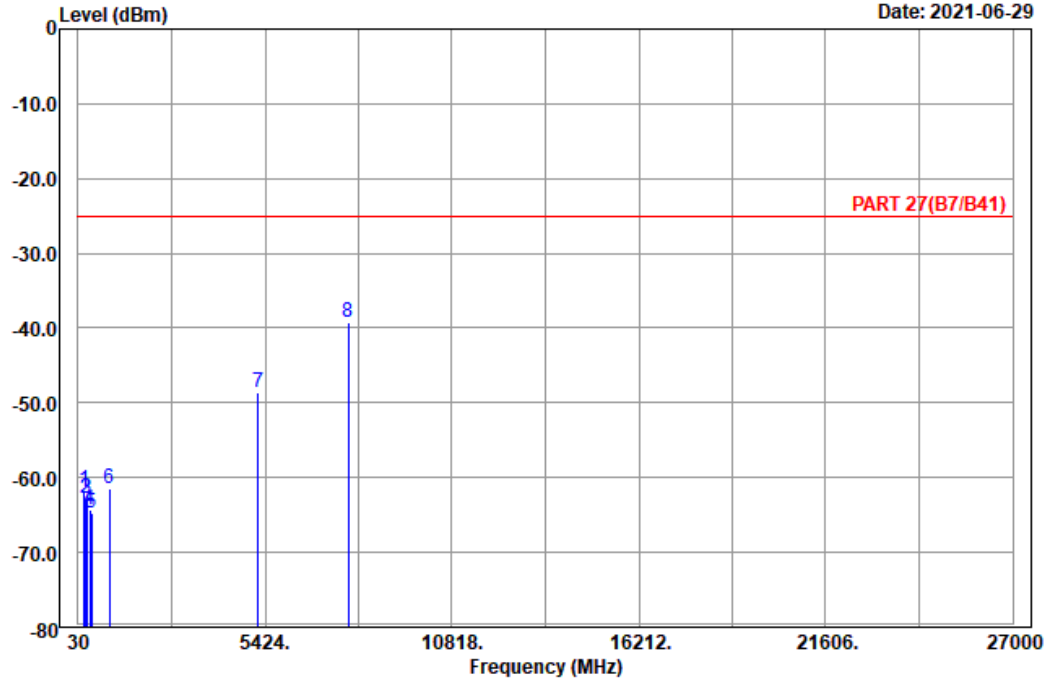


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 8

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 38_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	204.96	-61.75	-55.63	-6.12	-25.00	-36.75	Peak
2	252.21	-62.76	-57.24	-5.52	-25.00	-37.76	Peak
3	274.08	-62.87	-57.14	-5.73	-25.00	-37.87	Peak
4	363.00	-64.38	-59.67	-4.71	-25.00	-39.38	Peak
5	421.10	-64.85	-61.64	-3.21	-25.00	-39.85	Peak
6	931.40	-61.53	-65.81	4.28	-25.00	-36.53	Peak
7	5220.00	-48.64	-68.78	20.14	-25.00	-23.64	Peak
8 pp	7830.00	-39.27	-62.67	23.40	-25.00	-14.27	Peak

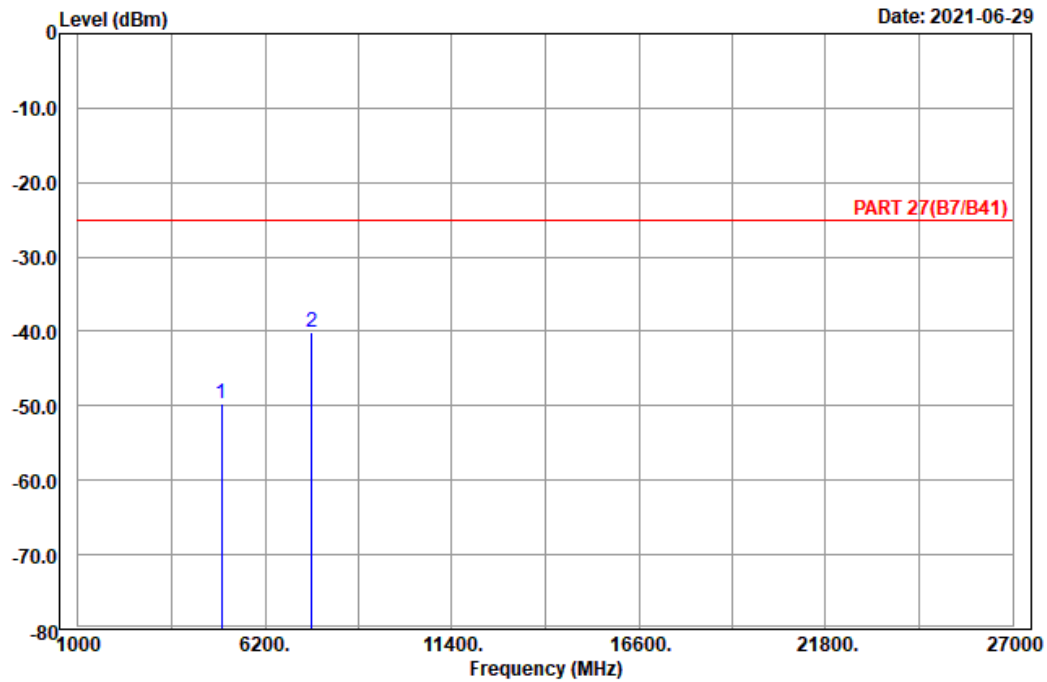
LTE Band 41
 Channel Bandwidth: 5 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 41_Link_L-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	4997.00	-49.75	-69.33	19.58	-25.00	-24.75	Peak
2 pp	7495.50	-40.15	-62.35	22.20	-25.00	-15.15	Peak

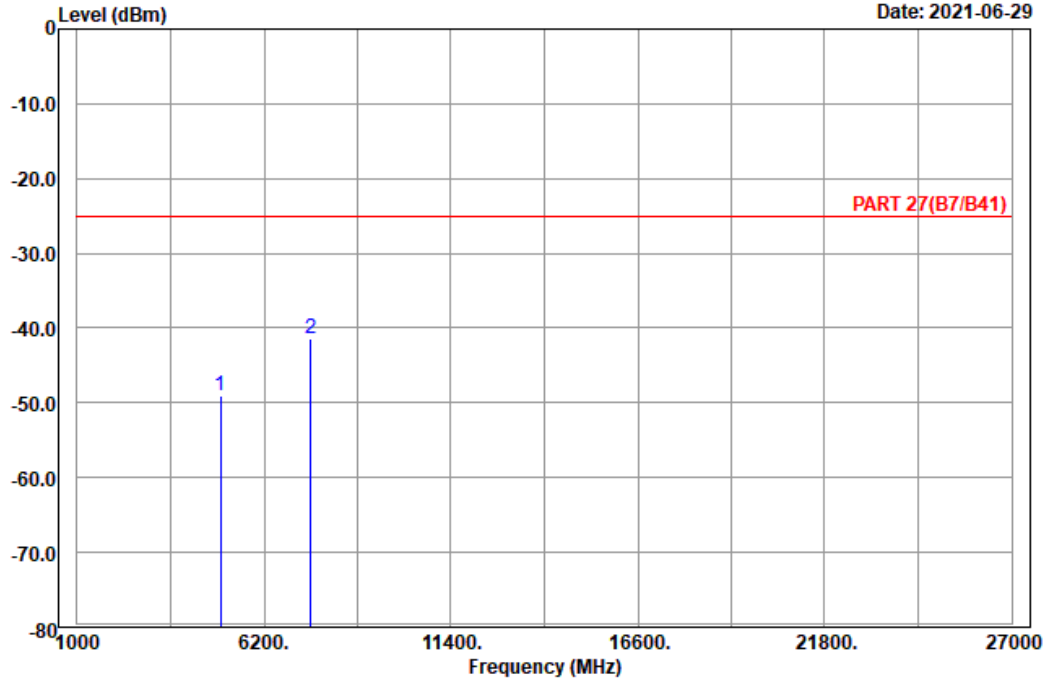


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 41_Link_L-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	4997.00	-49.06	-68.64	19.58	-25.00	-24.06	Peak
2 pp	7495.50	-41.52	-63.72	22.20	-25.00	-16.52	Peak

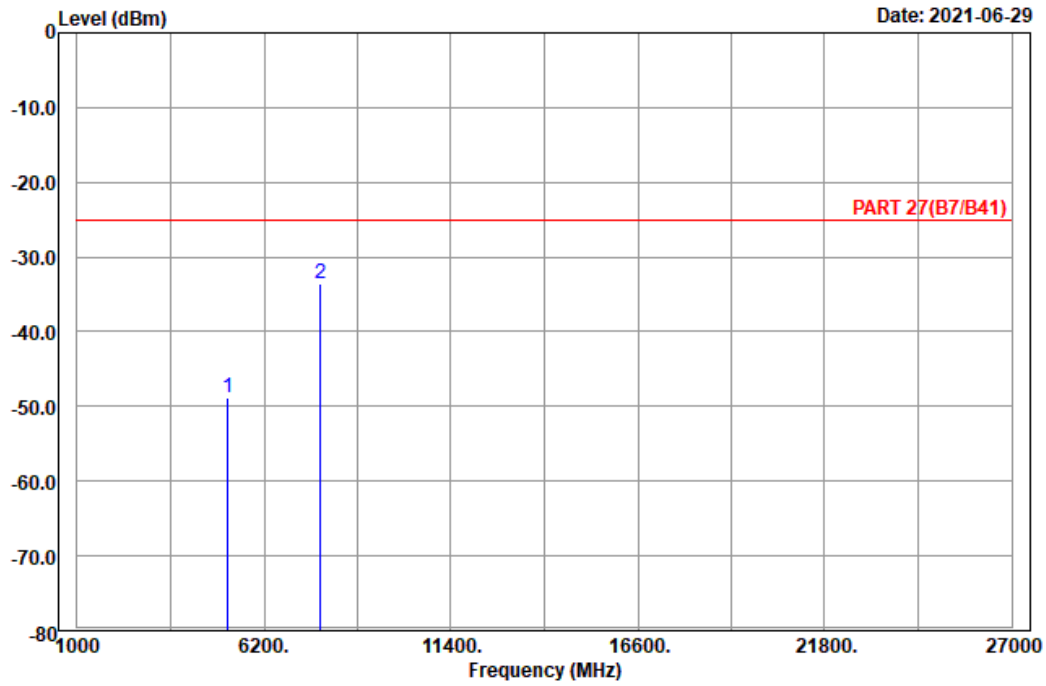
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 41_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5186.00	-48.93	-69.05	20.12	-25.00	-23.93	Peak
2	7779.00	-33.55	-56.88	23.33	-25.00	-8.55	Peak

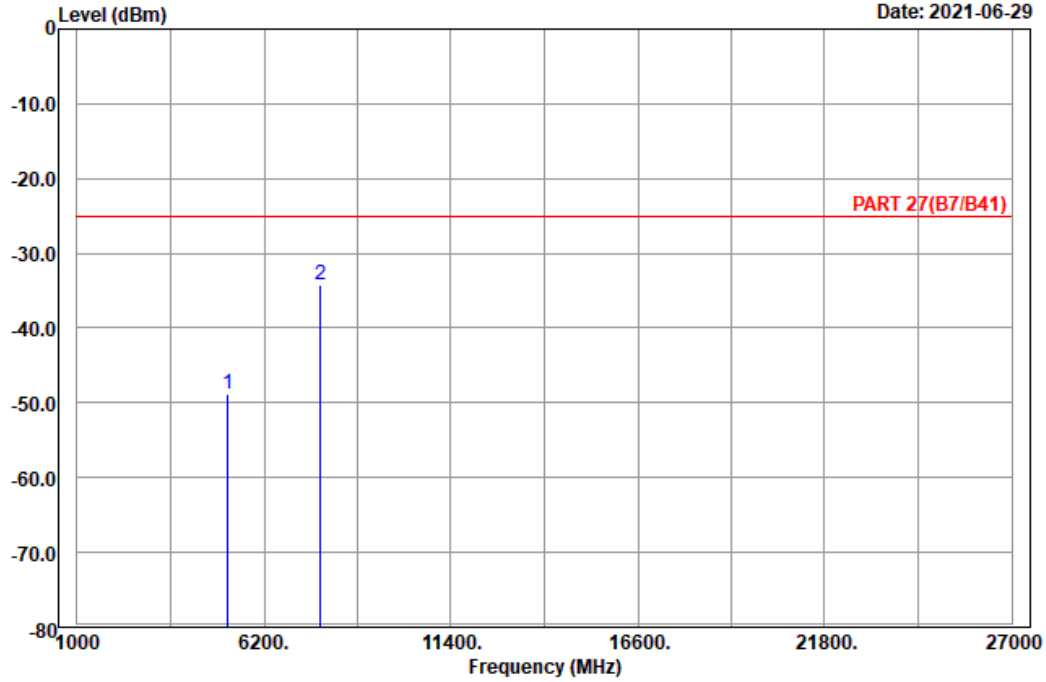


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 41_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5186.00	-48.77	-68.89	20.12	-25.00	-23.77	Peak
2	pp 7779.00	-34.22	-57.55	23.33	-25.00	-9.22	Peak

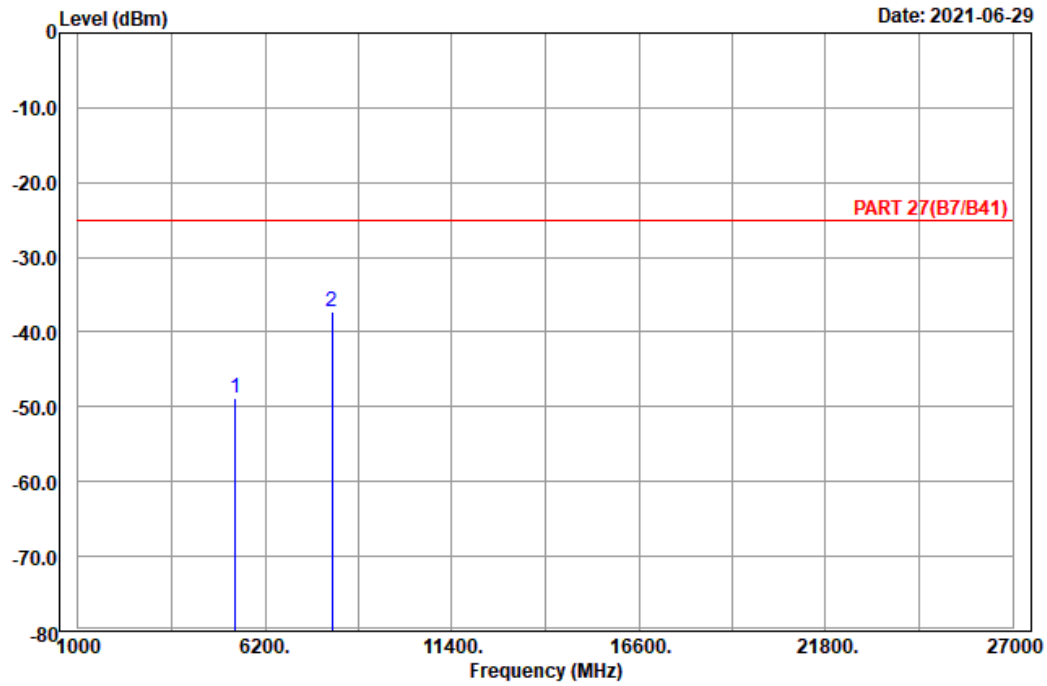
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 41_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5375.00	-48.79	-69.11	20.32	-25.00	-23.79	Peak
2	8062.50	-37.17	-60.94	23.77	-25.00	-12.17	Peak

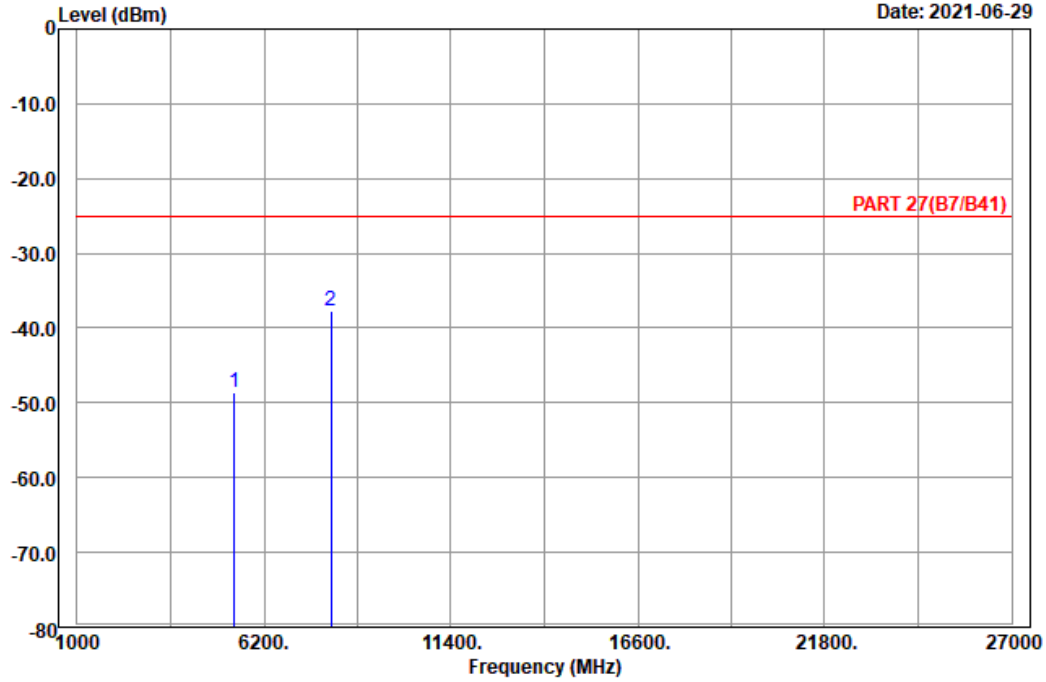


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 41_Link_H-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5375.00	-48.62	-68.94	20.32	-25.00	-23.62	Peak
2	pp 8062.50	-37.77	-61.54	23.77	-25.00	-12.77	Peak

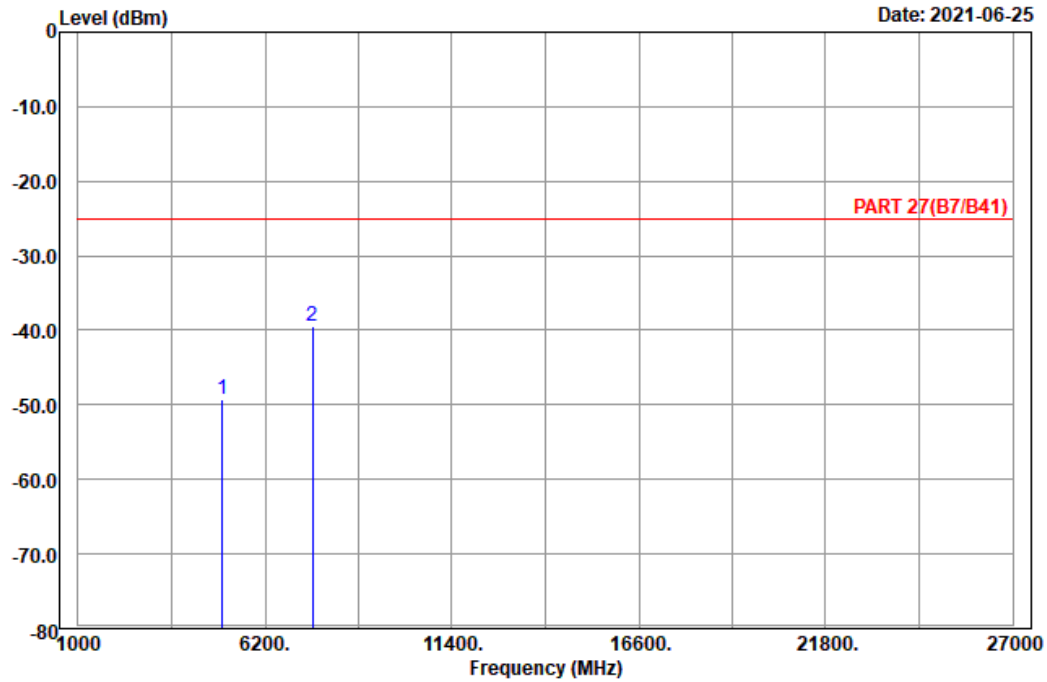
Channel Bandwidth: 20 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
Condition: PART 27(B7/B41) Horizontal
Remark : LTE_Band 41_Link_L-Ch
Tested by: Charles hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5012.00	-49.27	-68.35	19.08	-25.00	-24.27	Peak
2 pp	7518.00	-39.43	-62.11	22.68	-25.00	-14.43	Peak

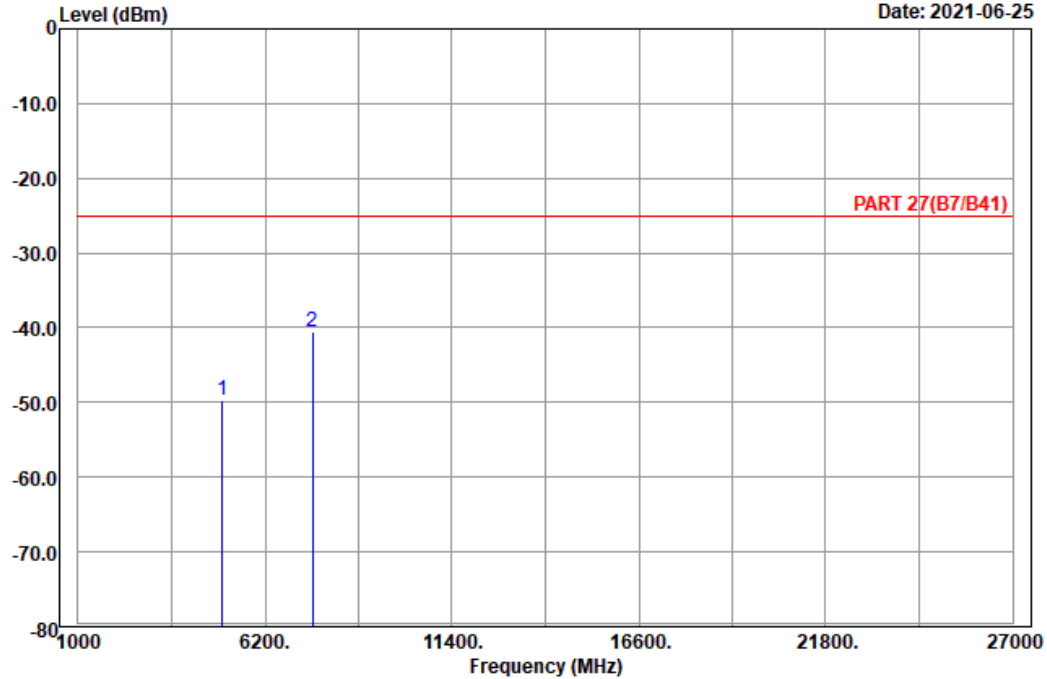


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 41_Link_L-Ch
 Tested by: Charles hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5012.00	-49.68	-68.76	19.08	-25.00	-24.68	Peak
2 pp	7518.00	-40.47	-63.15	22.68	-25.00	-15.47	Peak

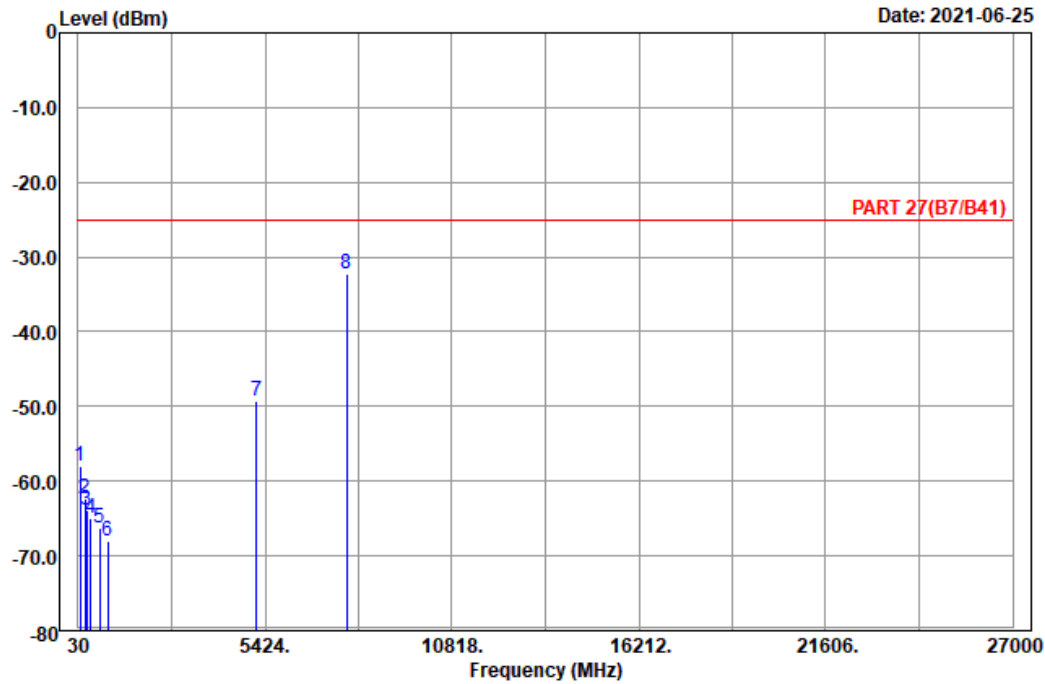
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 41_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	98.04	-58.04	-47.81	-10.23	-25.00	-33.04	Peak
2	227.64	-62.30	-56.49	-5.81	-25.00	-37.30	Peak
3	264.63	-63.97	-58.33	-5.64	-25.00	-38.97	Peak
4	398.70	-65.04	-62.25	-2.79	-25.00	-40.04	Peak
5	657.70	-66.26	-66.09	-0.17	-25.00	-41.26	Peak
6	876.80	-68.05	-70.27	2.22	-25.00	-43.05	Peak
7	5186.00	-49.25	-69.37	20.12	-25.00	-24.25	Peak
8 pp	7779.00	-32.34	-55.67	23.33	-25.00	-7.34	Peak

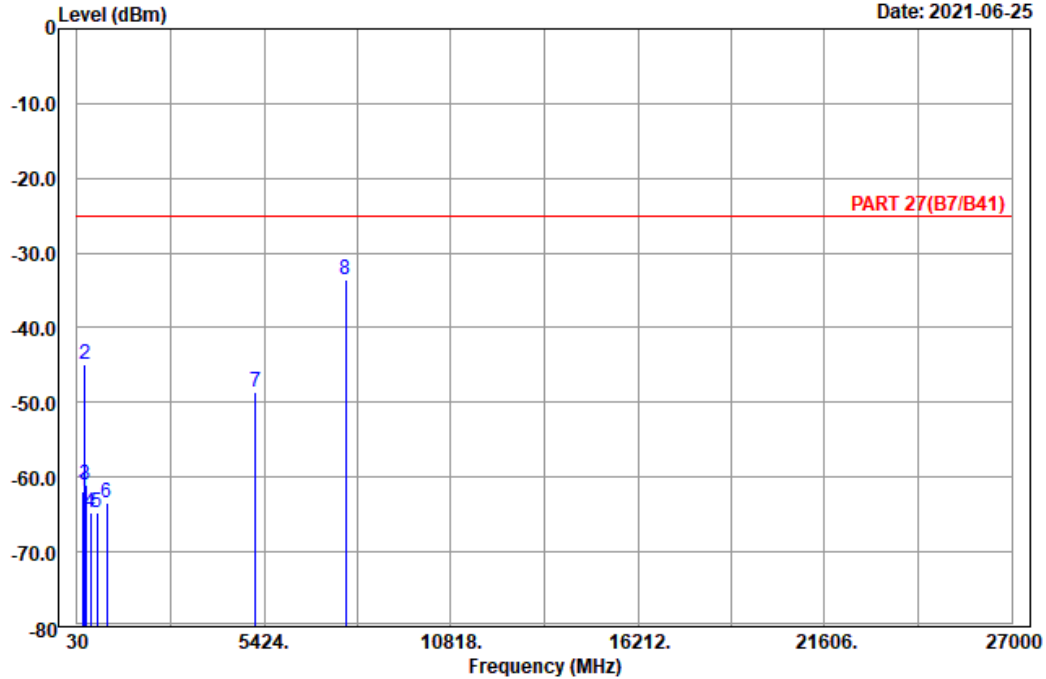


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 41_Link_M-Ch
 Tested by: Karl Lee

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	201.72	-61.90	-55.74	-6.16	-25.00	-36.90	Peak
2	241.95	-44.89	-39.28	-5.61	-25.00	-19.89	Peak
3	267.87	-61.14	-55.47	-5.67	-25.00	-36.14	Peak
4	423.90	-64.78	-61.51	-3.27	-25.00	-39.78	Peak
5	606.60	-64.82	-65.18	0.36	-25.00	-39.82	Peak
6	896.40	-63.53	-66.31	2.78	-25.00	-38.53	Peak
7	5186.00	-48.54	-68.66	20.12	-25.00	-23.54	Peak
8 pp	7779.00	-33.61	-56.94	23.33	-25.00	-8.61	Peak

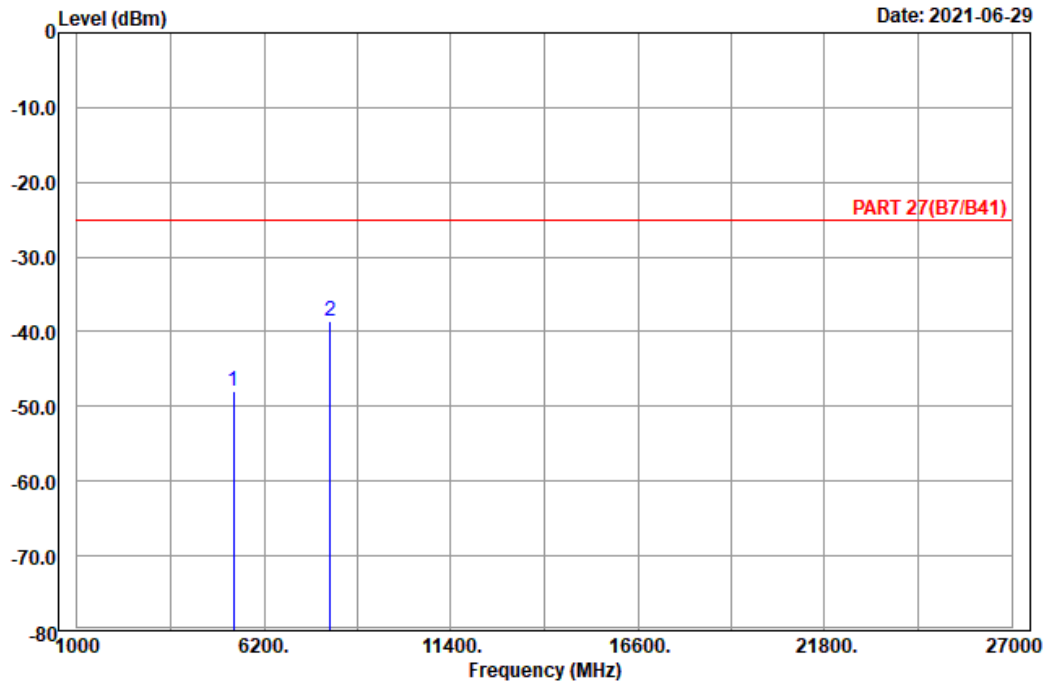
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Horizontal
 Remark : LTE_Band 41_Link_H-Ch
 Tested by: Charles hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5360.00	-47.91	-68.21	20.30	-25.00	-22.91	Peak
2	8040.00	-38.54	-62.29	23.75	-25.00	-13.54	Peak

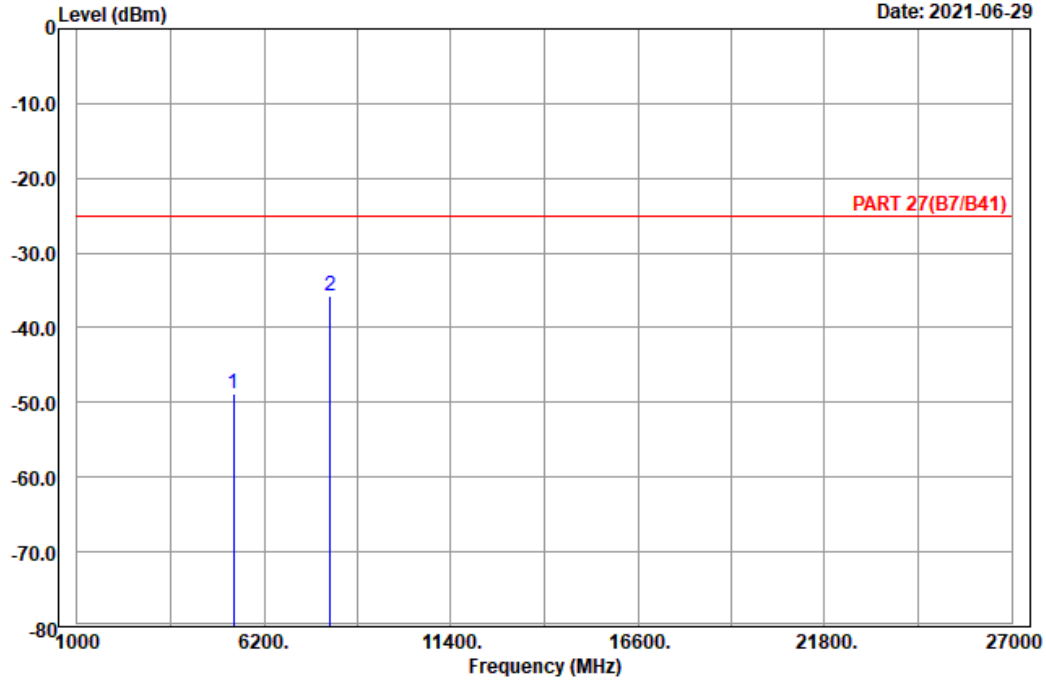


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 27(B7/B41) Vertical
 Remark : LTE_Band 41_Link_H-Ch
 Tested by: Charles hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5360.00	-48.89	-69.19	20.30	-25.00	-23.89	Peak
2	pp 8040.00	-35.82	-59.57	23.75	-25.00	-10.82	Peak

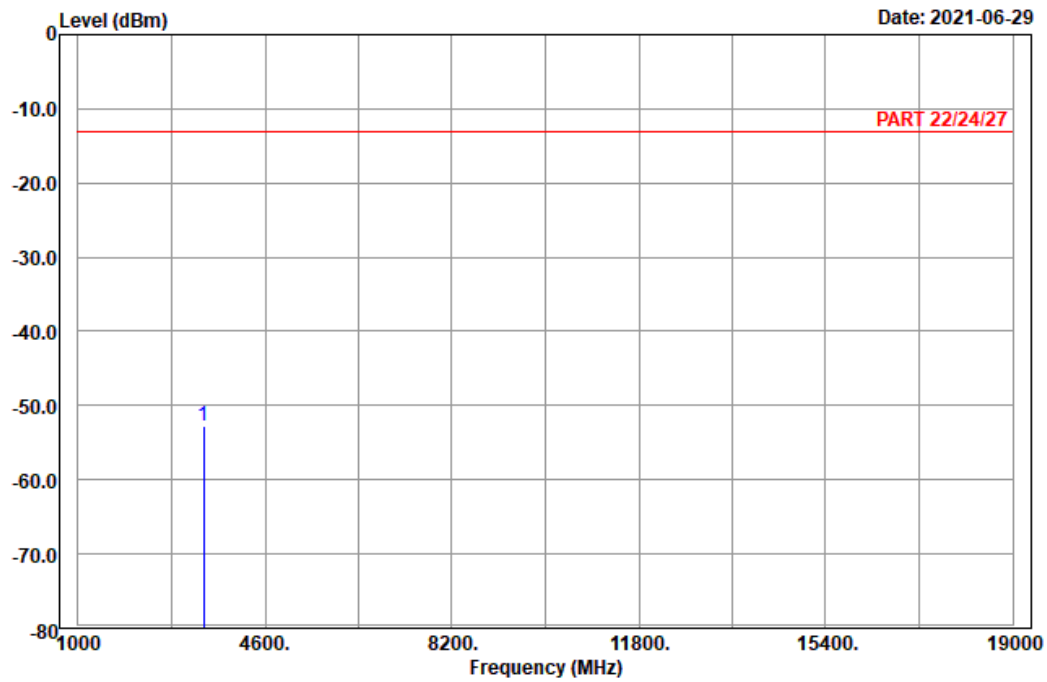
LTE Band 66:
Channel Bandwidth: 1.4 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 22/24/27 Horizontal
Remark : LTE_Band 66_Link_L-Ch
Tested by: Charles hsiao

	Read	Limit	Over	
Freq	Level	Level	Factor	Line
MHz	dBm	dBm	dB	dBm
1 pp 3421.40	-52.77	-67.14	14.37	-13.00
				-39.77 Peak

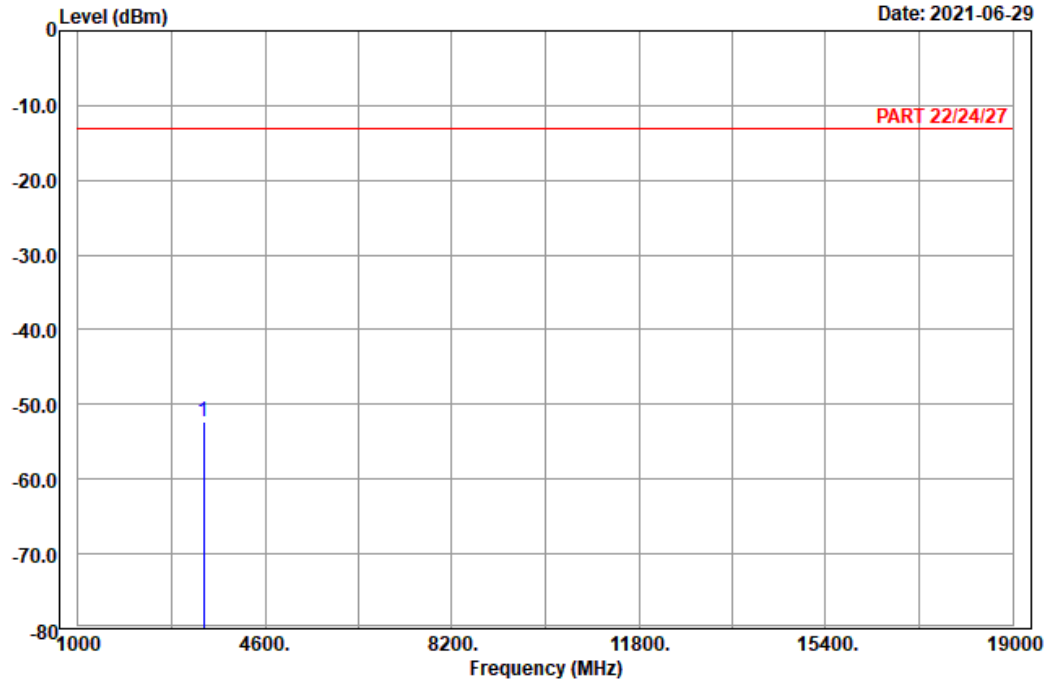


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 66_Link_L-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3421.40	-52.37	-66.74	14.37	-13.00	-39.37	Peak

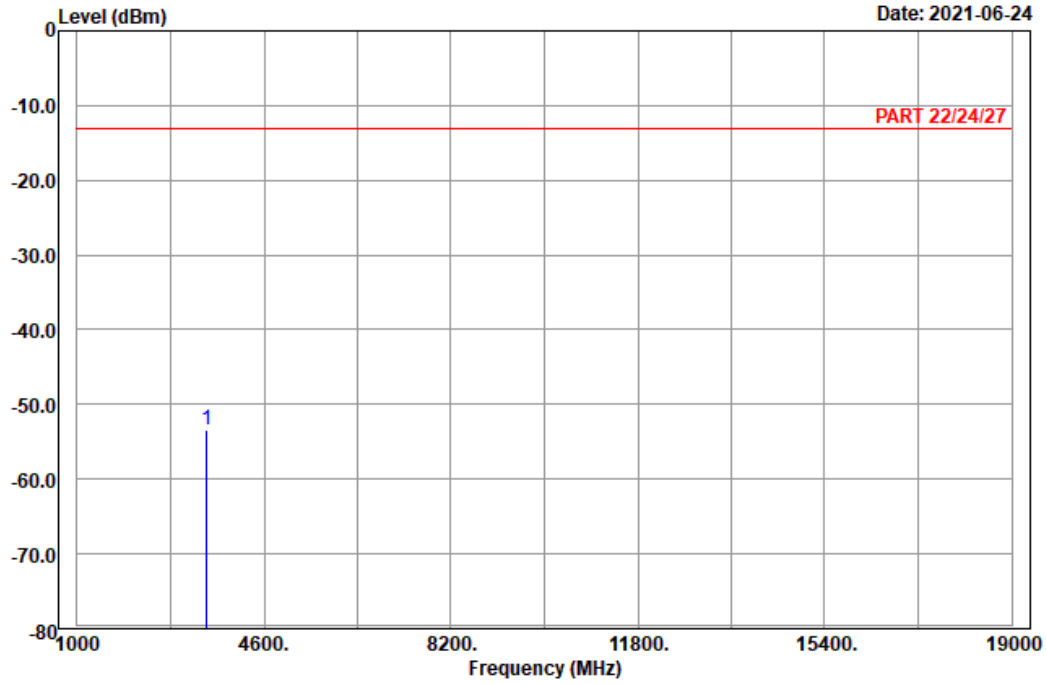
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 66_Link_M-Ch
 Tested by: Charles hsiao

	Read	Limit	Over			
Freq	Level	Level	Factor	Line	Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3490.00	-53.43	-67.74	14.31	-13.00	-40.43	Peak

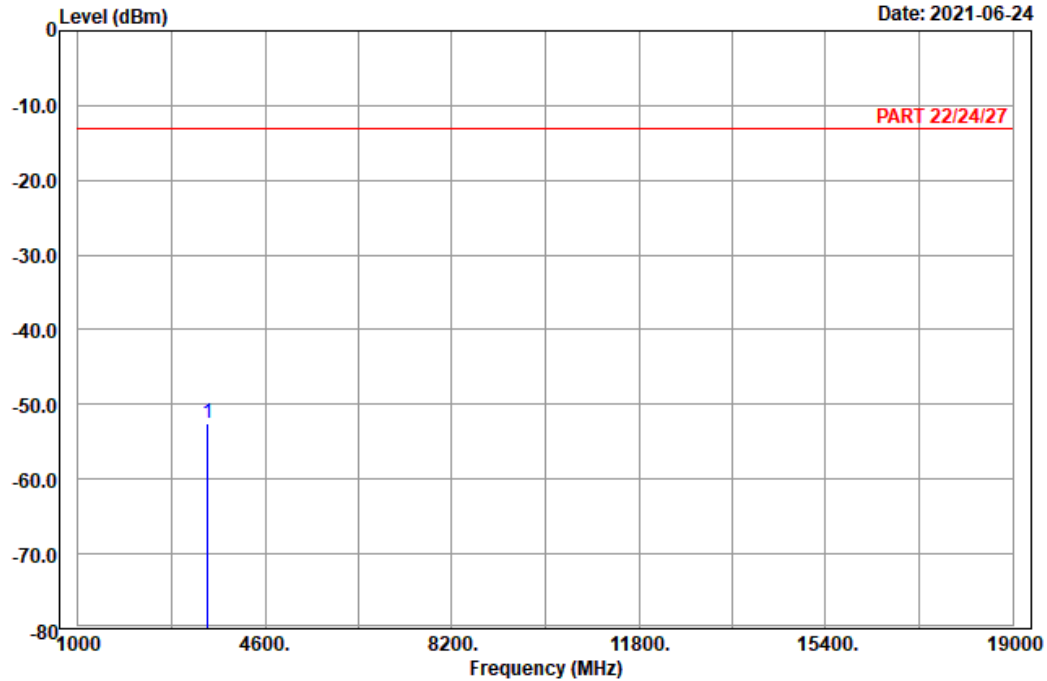


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 66_Link_M-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3490.00	-52.61	-66.92	14.31	-13.00	-39.61	Peak

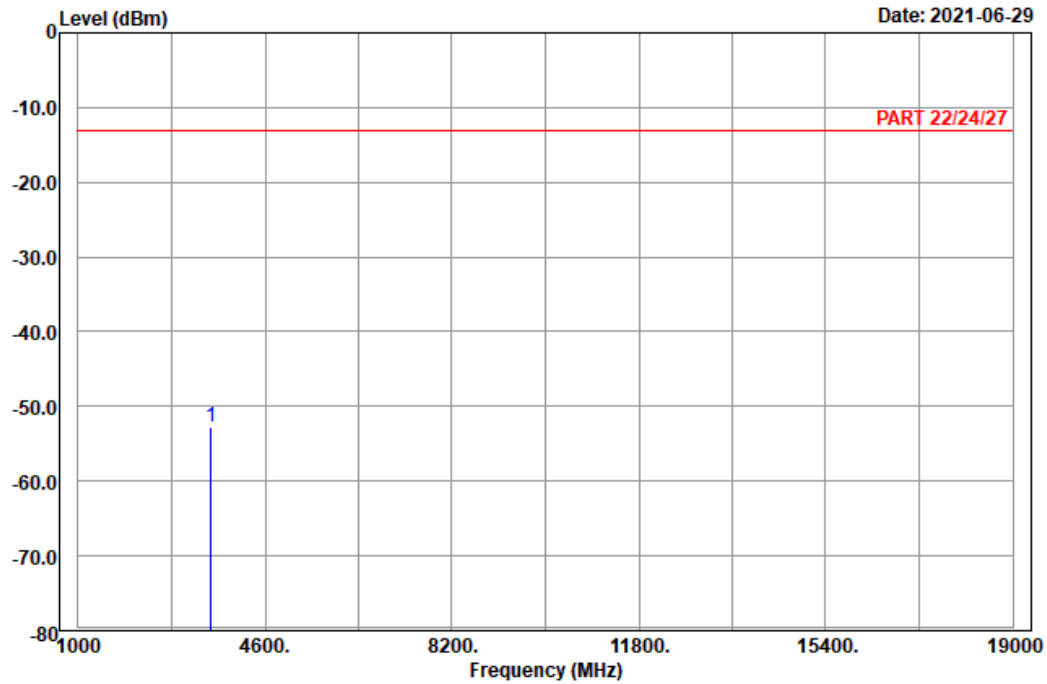
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 66_Link_H-Ch
 Tested by: Charles hsiao

	Read	Limit	Over			
Freq	Level	Level	Factor	Line	Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3558.60	-52.76	-67.95	15.19	-13.00	-39.76	Peak

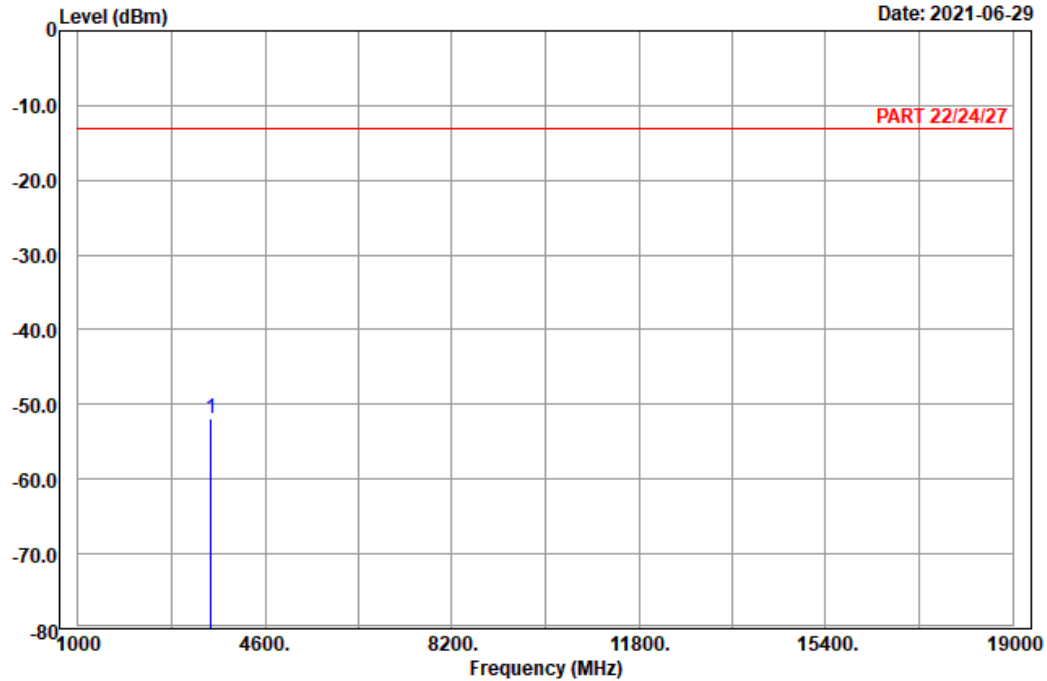


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 66_Link_H-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3558.60	-51.80	-66.99	15.19	-13.00	-38.80	Peak

Channel Bandwidth: 5 MHz / QPSK
 Low Channel

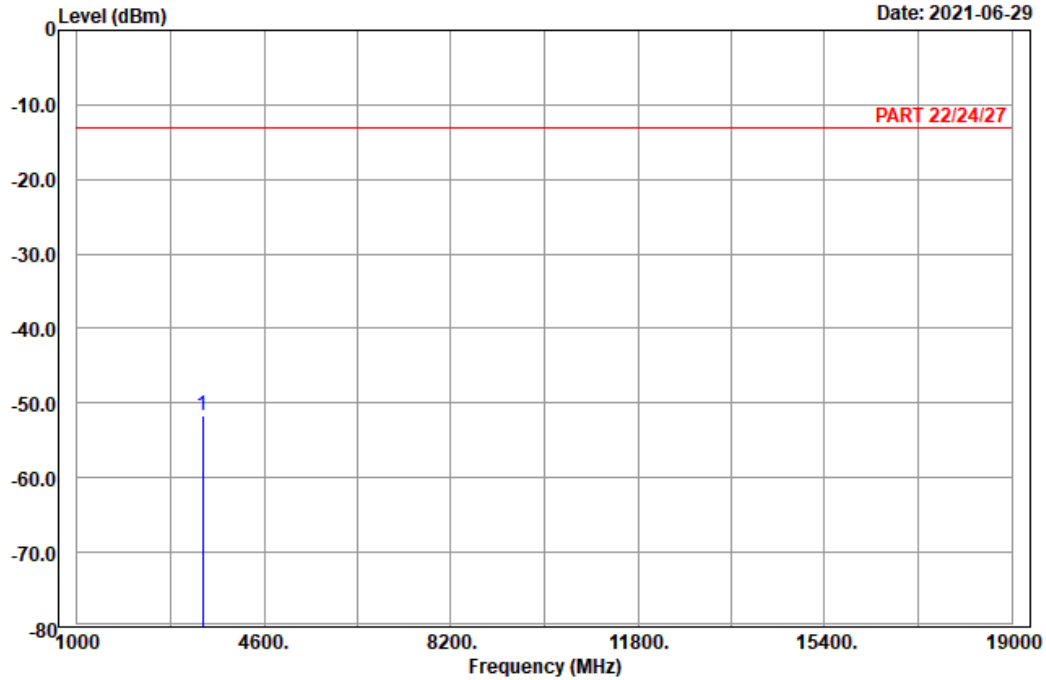


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 66_Link_L-Ch
 Tested by: Charles hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1 pp	3425.00	-51.65	-66.02	14.37	-13.00	-38.65	Peak

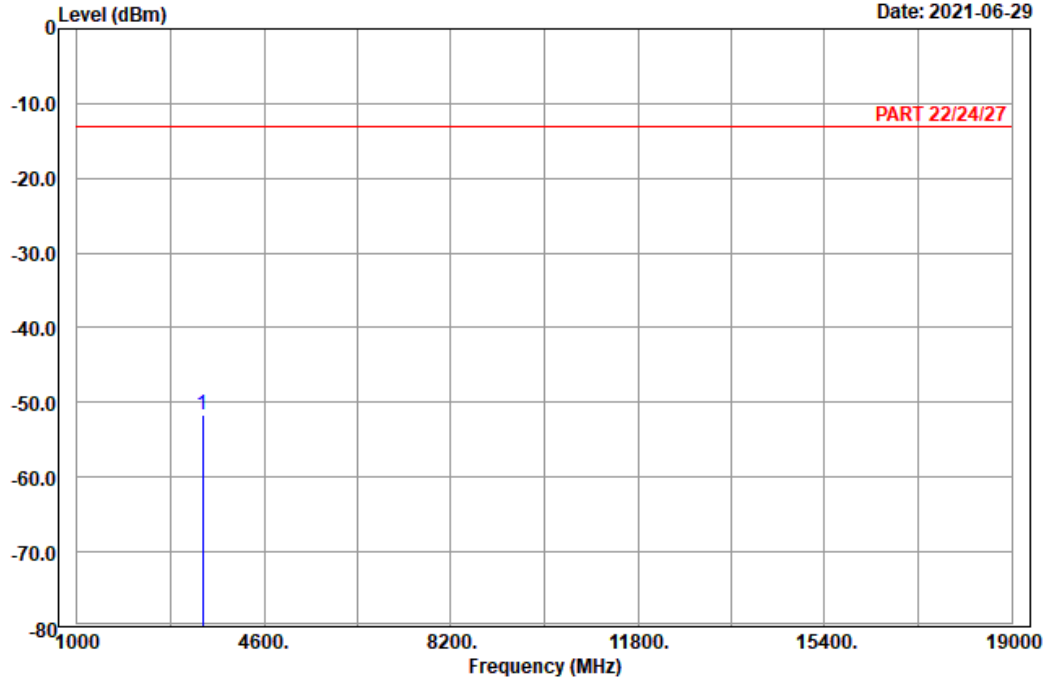


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 66_Link_L-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3425.00	-51.59	-65.96	14.37	-13.00	-38.59	Peak

Middle Channel

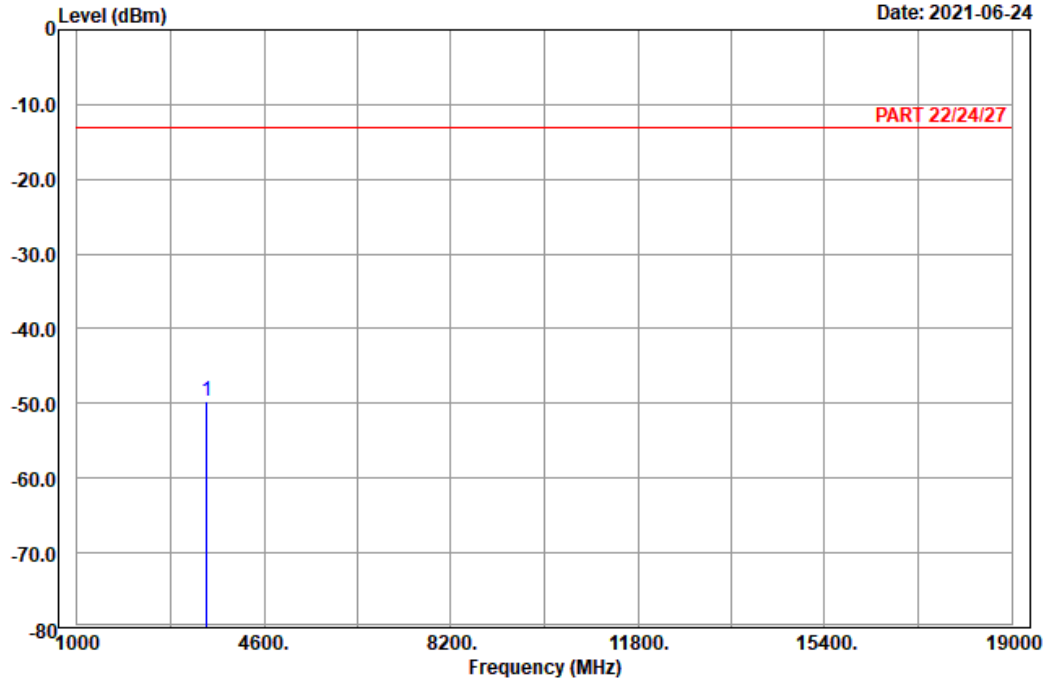


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 66_Link_M-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3490.00	-49.66	-63.97	14.31	-13.00	-36.66	Peak

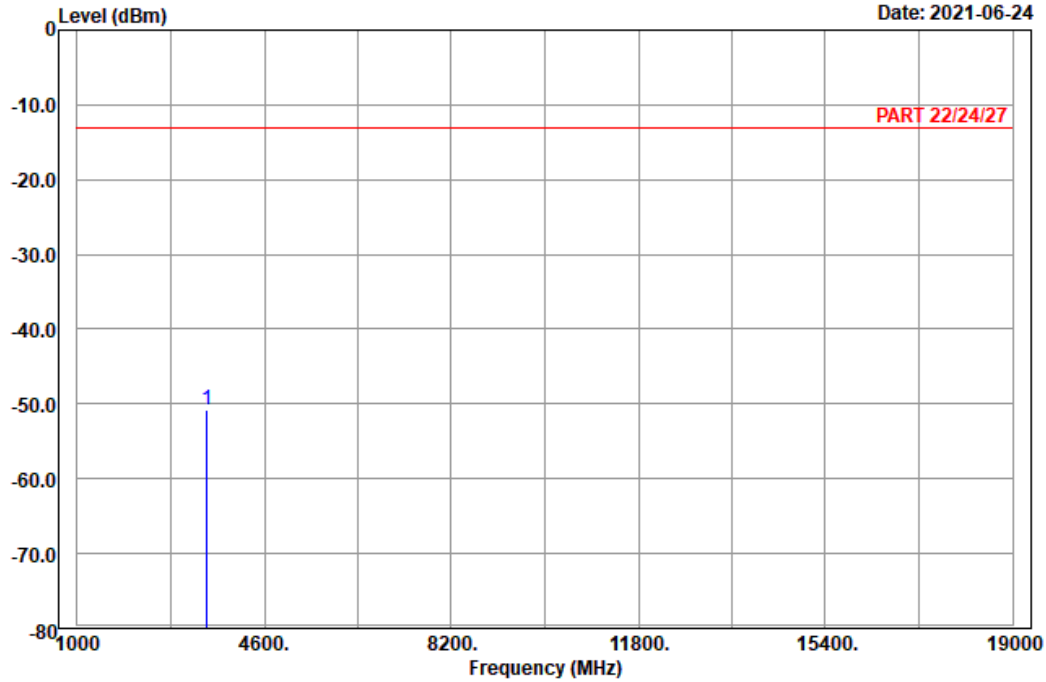


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-24



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 66_Link_M-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3490.00	-50.74	-65.05	14.31	-13.00	-37.74	Peak

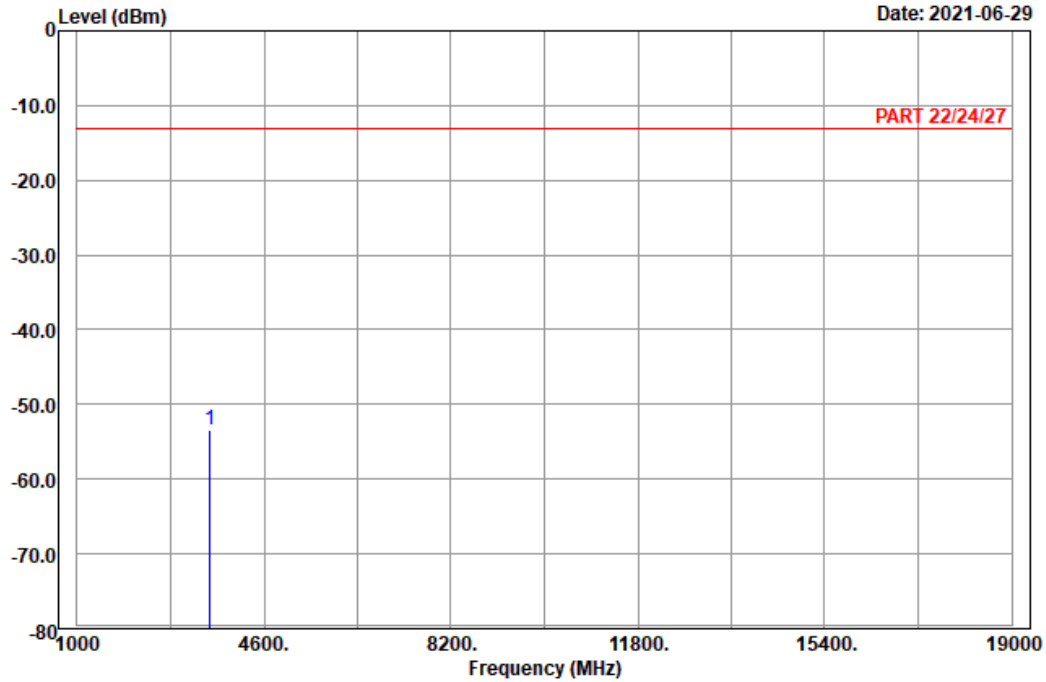
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 66_Link_H-Ch
 Tested by: Charles hsiao

	Read	Limit	Over			
Freq	Level	Level	Factor	Line	Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3555.00	-53.40	-68.59	15.19	-13.00	-40.40	Peak

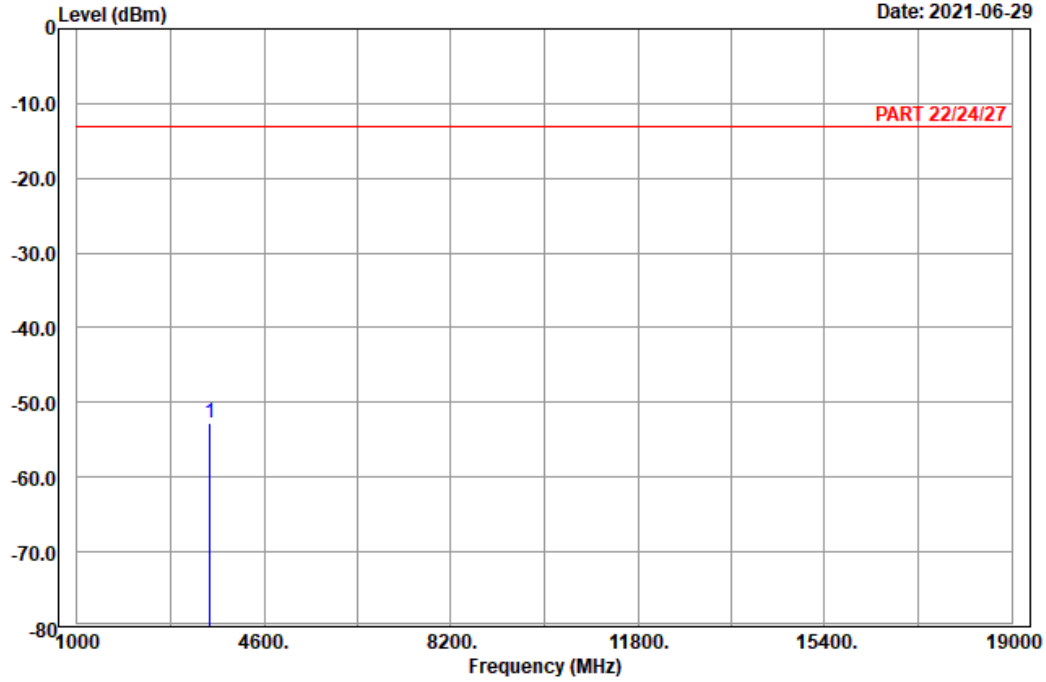


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 66_Link_H-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3555.00	-52.70	-67.89	15.19	-13.00	-39.70	Peak

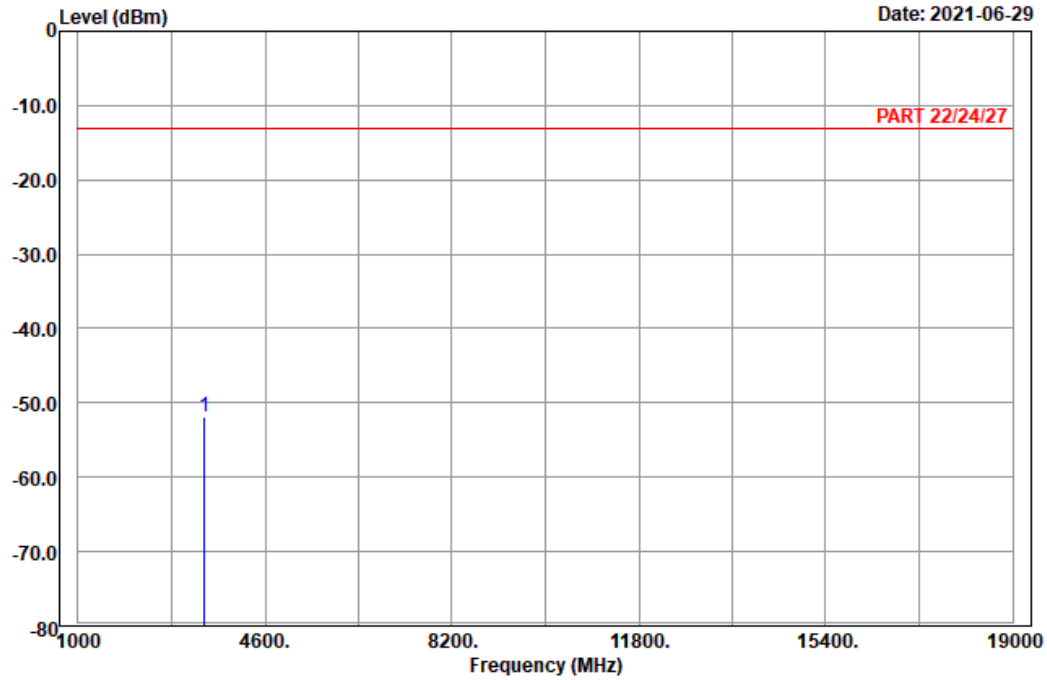
Channel Bandwidth: 20 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
Condition: PART 22/24/27 Horizontal
Remark : LTE_Band 66_Link_L-Ch
Tested by: Charles hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	pp 3440.00	-51.98	-66.33	14.35	-13.00	-38.98	Peak

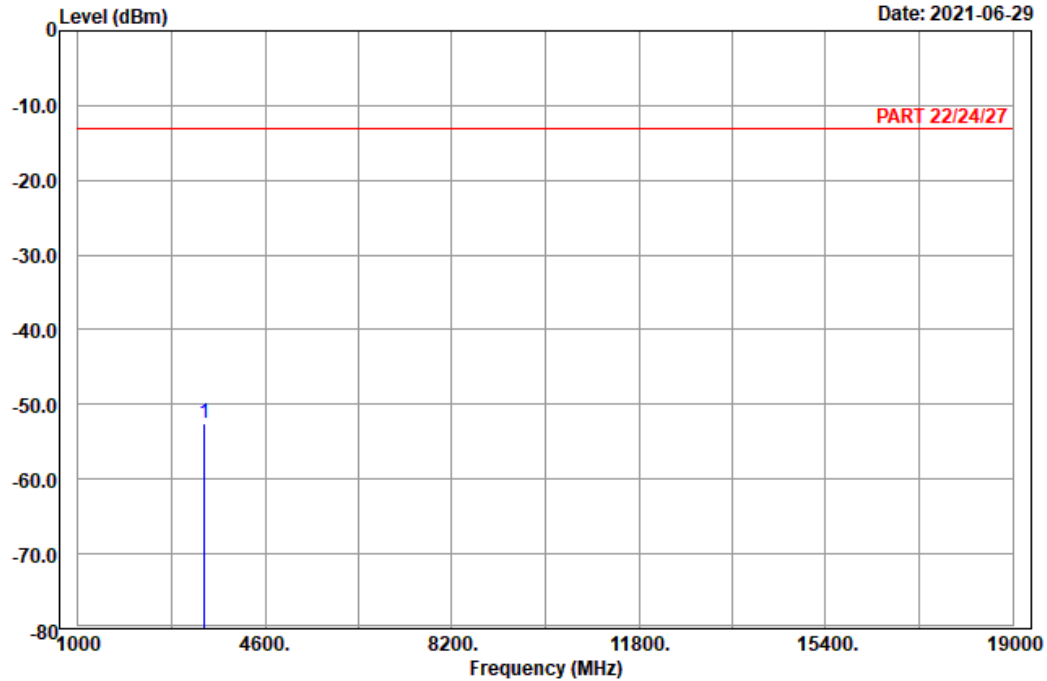


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 66_Link_L-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3440.00	-52.59	-66.94	14.35	-13.00	-39.59	Peak

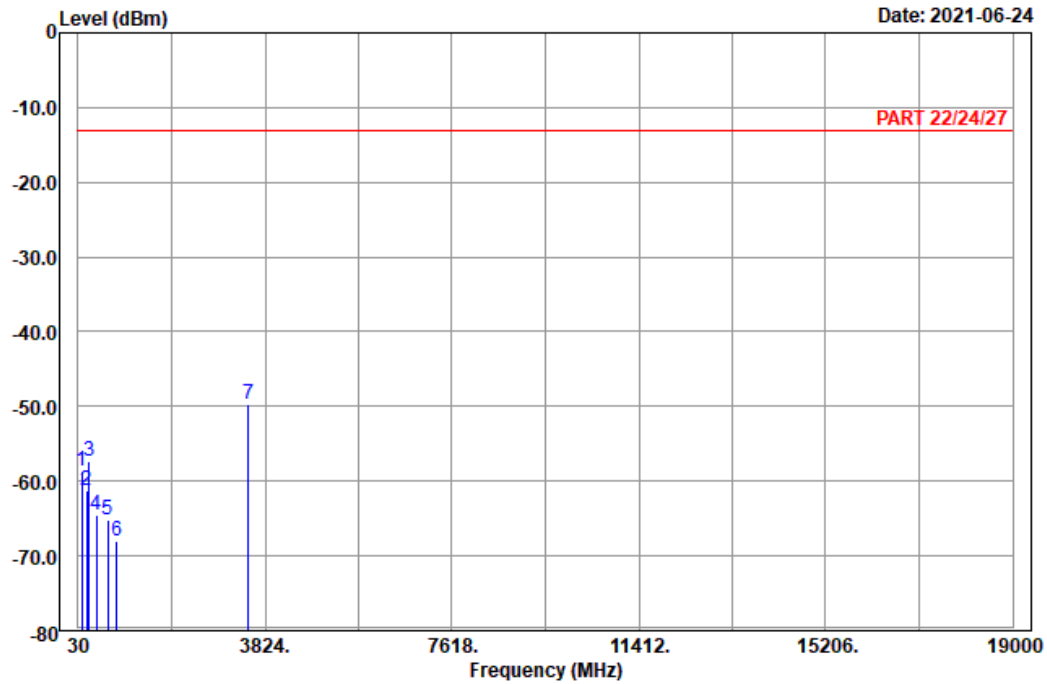
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 66_Link_M-Ch
 Tested by: Charles hsiao

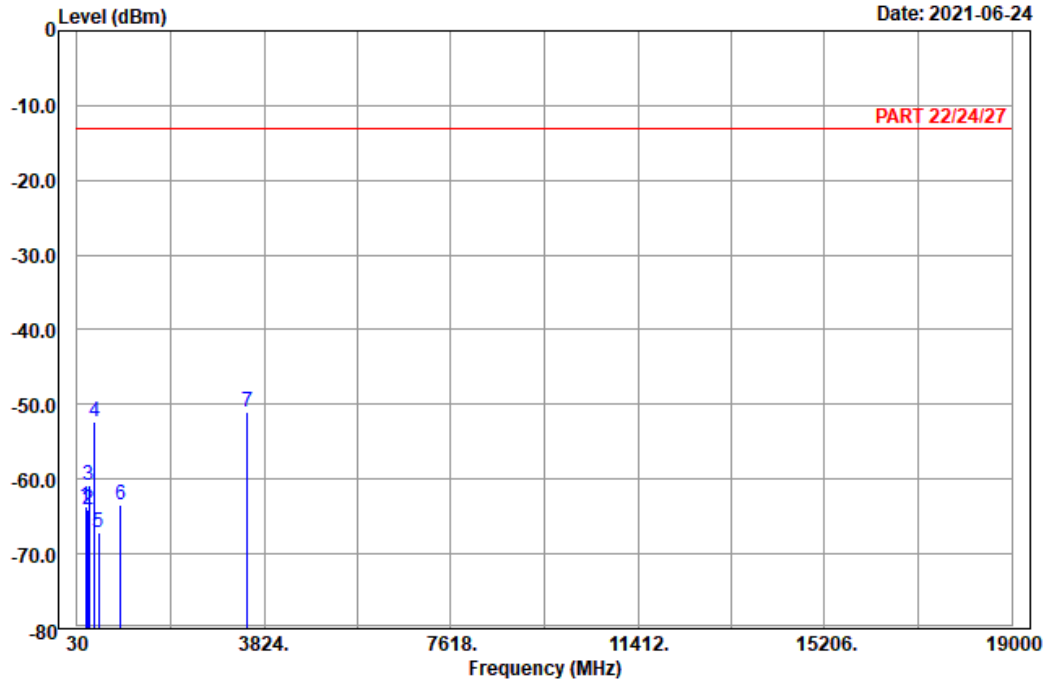
	Read	Limit	Over				
Freq	Level	Level	Factor	Line	Limit	Remark	
MHz	dBm	dBm	dB	dBm	dB		
1	96.69	-58.59	-48.30	-10.29	-13.00	-45.59	Peak
2	195.78	-61.20	-55.20	-6.00	-13.00	-48.20	Peak
3	253.02	-57.28	-51.75	-5.53	-13.00	-44.28	Peak
4	398.00	-64.61	-61.77	-2.84	-13.00	-51.61	Peak
5	630.40	-65.18	-65.27	0.09	-13.00	-52.18	Peak
6	806.80	-68.02	-69.95	1.93	-13.00	-55.02	Peak
7 pp	3490.00	-49.63	-63.94	14.31	-13.00	-36.63	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 66_Link_M-Ch
 Tested by: Charles hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	196.59	-63.65	-57.60	-6.05	-13.00	-50.65	Peak
2	248.43	-64.11	-58.58	-5.53	-13.00	-51.11	Peak
3	266.79	-60.76	-55.10	-5.66	-13.00	-47.76	Peak
4	390.30	-52.35	-49.09	-3.26	-13.00	-39.35	Peak
5	463.10	-67.13	-62.92	-4.21	-13.00	-54.13	Peak
6	917.40	-63.39	-67.06	3.67	-13.00	-50.39	Peak
7 pp	3490.00	-51.04	-65.35	14.31	-13.00	-38.04	Peak

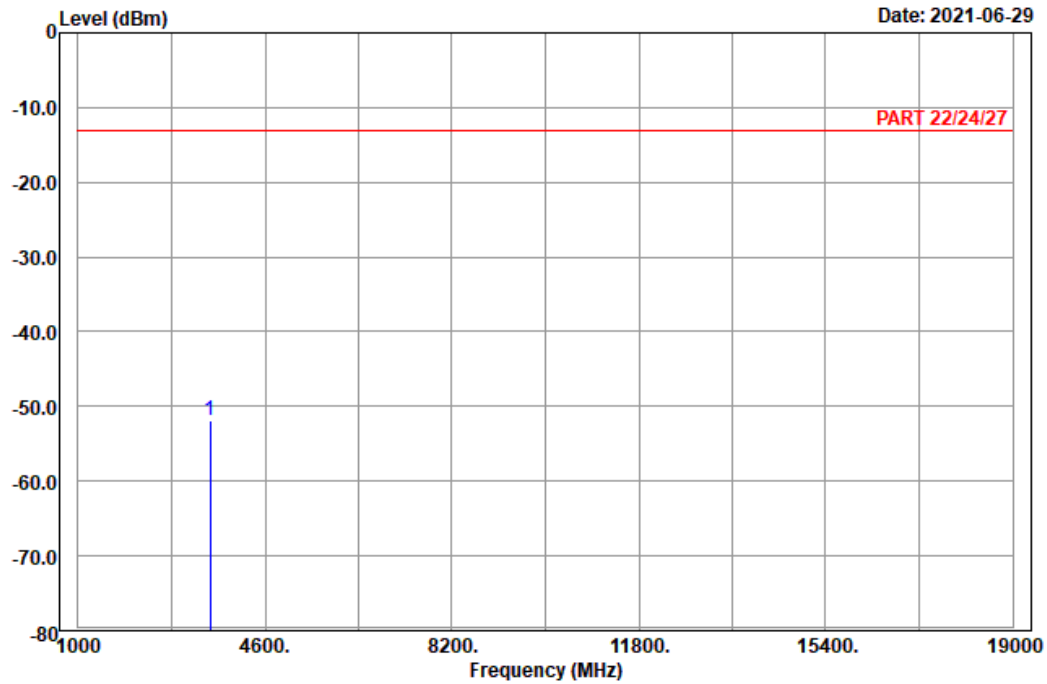
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 66_Link_H-Ch
 Tested by: Charles hsiao

	Read	Limit	Over			
Freq	Level	Level	Factor	Line	Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3540.00	-51.90	-66.79	14.89	-13.00	-38.90	Peak

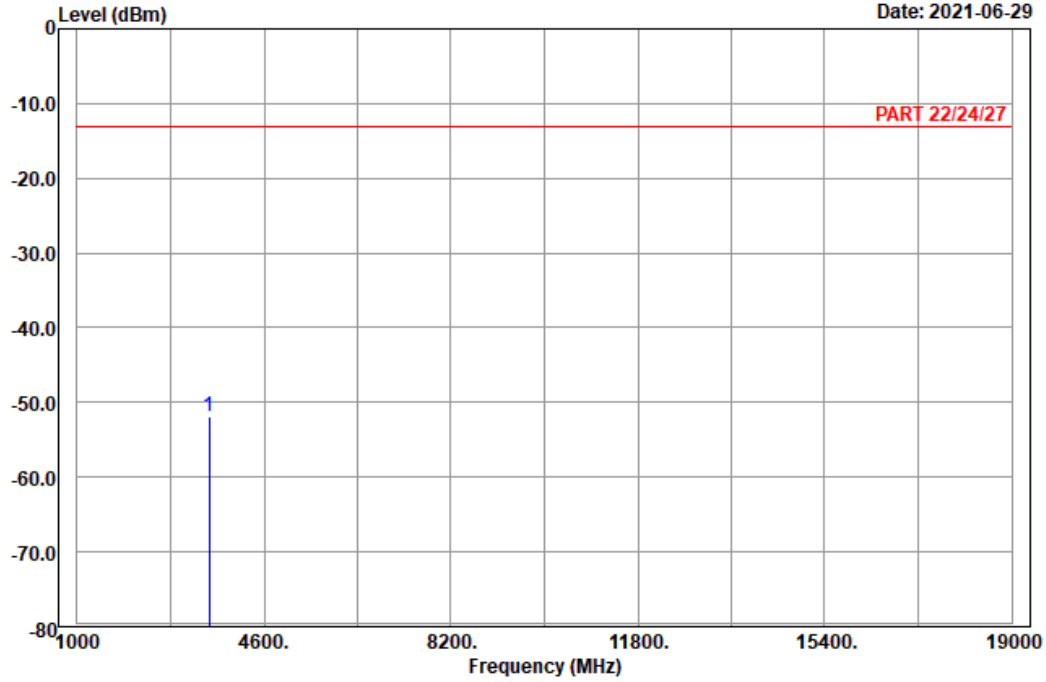


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2021-06-29



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 66_Link_H-Ch
 Tested by: Charles hsiao

Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
MHz	dBm	dBm	dB	dBm	dB	
1 pp 3540.00	-51.85	-66.74	14.89	-13.00	-38.85	Peak

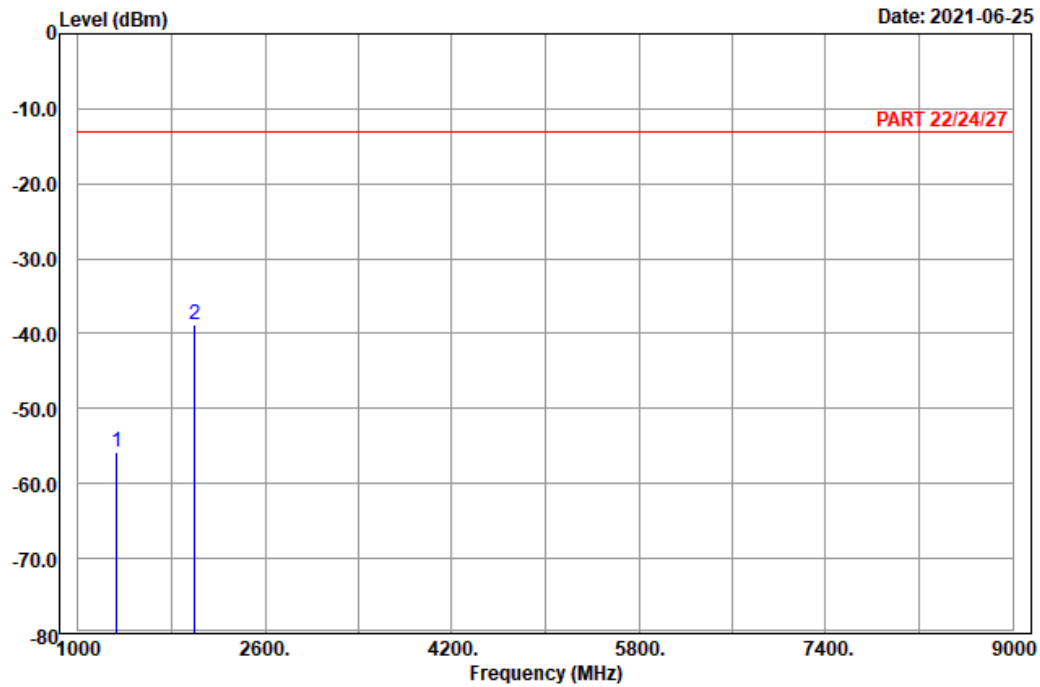
LTE Band 71:
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
Condition: PART 22/24/27 Horizontal
Remark : LTE_Band 71_Link_L-Ch
Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1331.00	-55.73	-60.77	5.04	-13.00	-42.73	Peak
2 pp	1996.50	-38.74	-48.70	9.96	-13.00	-25.74	Peak

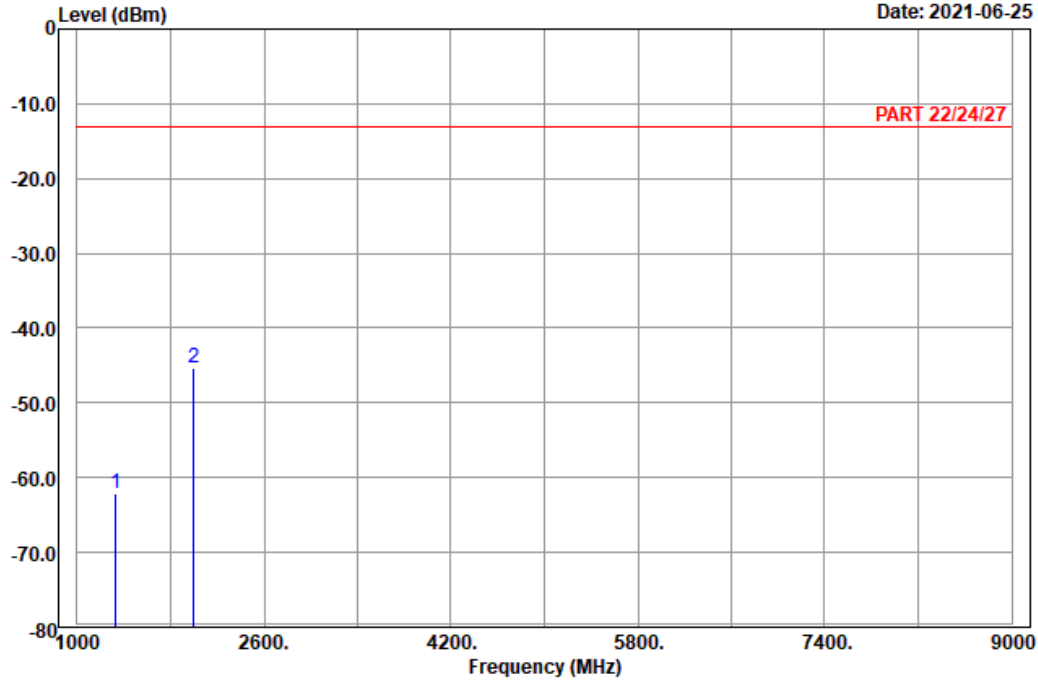


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 71_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1331.00	-62.14	-67.18	5.04	-13.00	-49.14	Peak
2	pp 1996.50	-45.41	-55.37	9.96	-13.00	-32.41	Peak

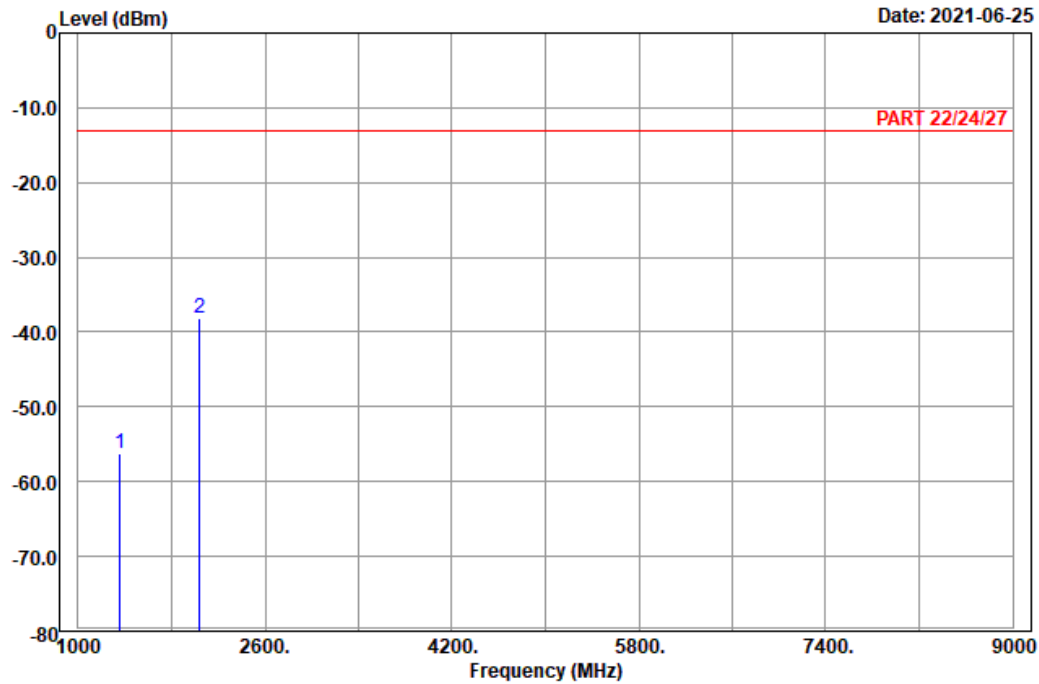
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 71_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1361.00	-56.31	-61.88	5.57	-13.00	-43.31	Peak
2	pp 2041.50	-38.25	-48.67	10.42	-13.00	-25.25	Peak

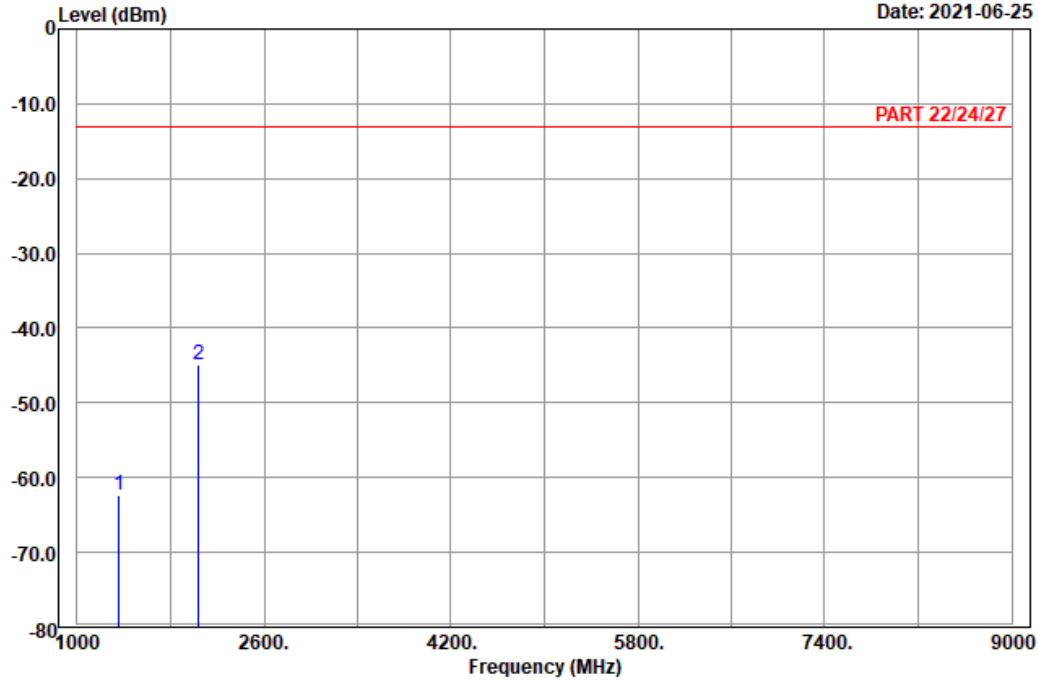


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 71_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1361.00	-62.34	-67.91	5.57	-13.00	-49.34	Peak
2	pp 2041.50	-44.93	-55.35	10.42	-13.00	-31.93	Peak

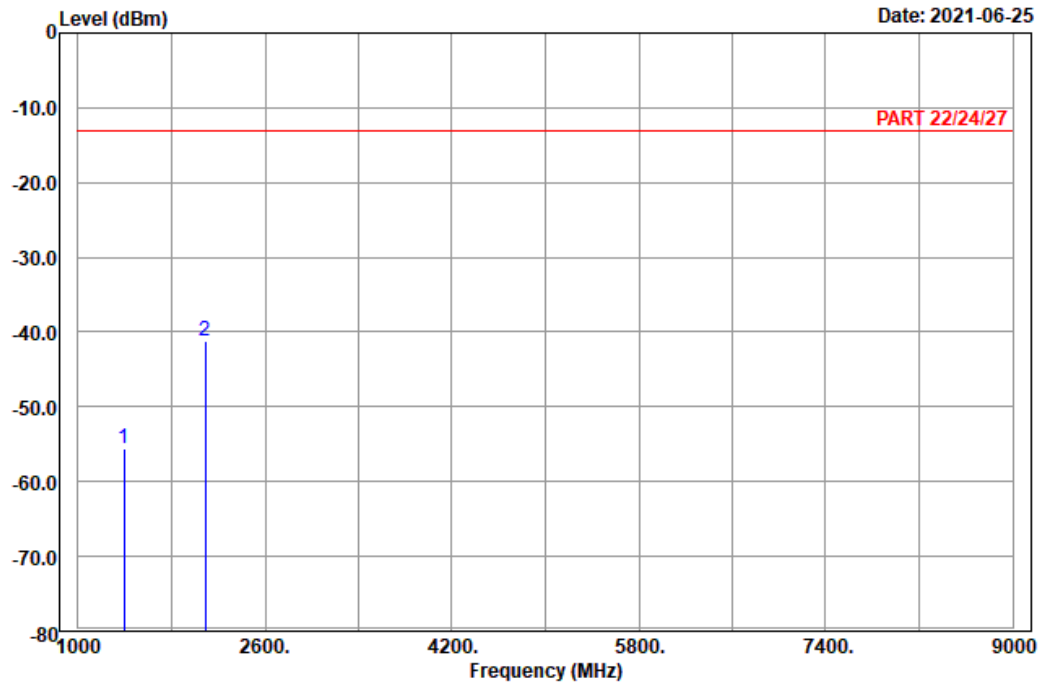
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 71_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1391.00	-55.63	-61.73	6.10	-13.00	-42.63	Peak
2 pp	2086.50	-41.28	-52.04	10.76	-13.00	-28.28	Peak

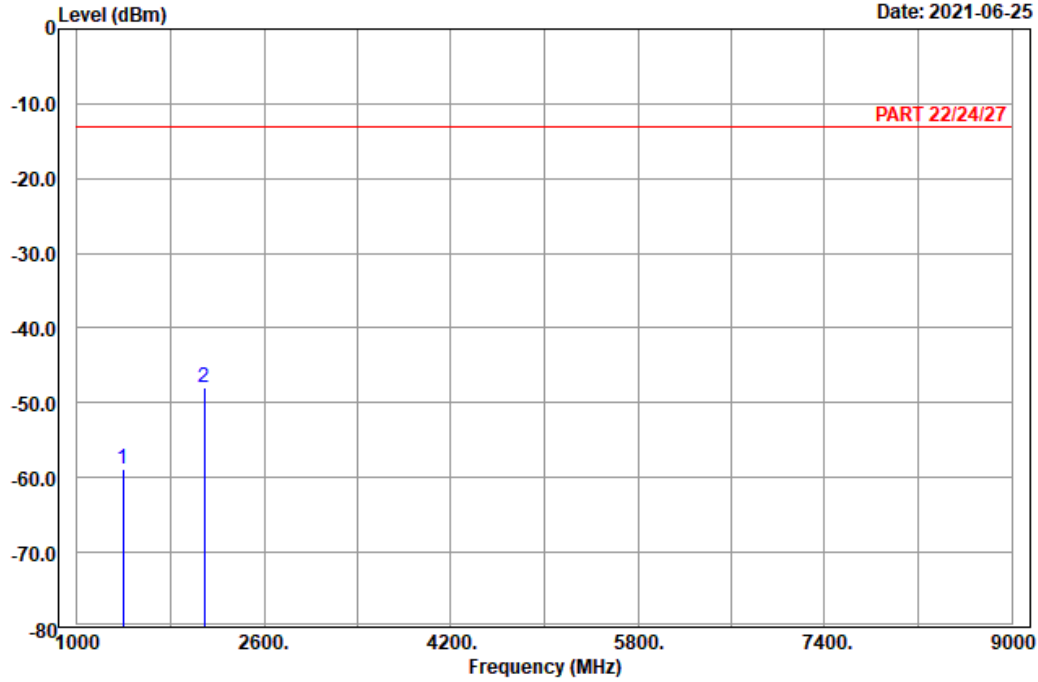


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 71_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1391.00	-58.78	-64.88	6.10	-13.00	-45.78	Peak
2	pp 2086.50	-47.88	-58.64	10.76	-13.00	-34.88	Peak

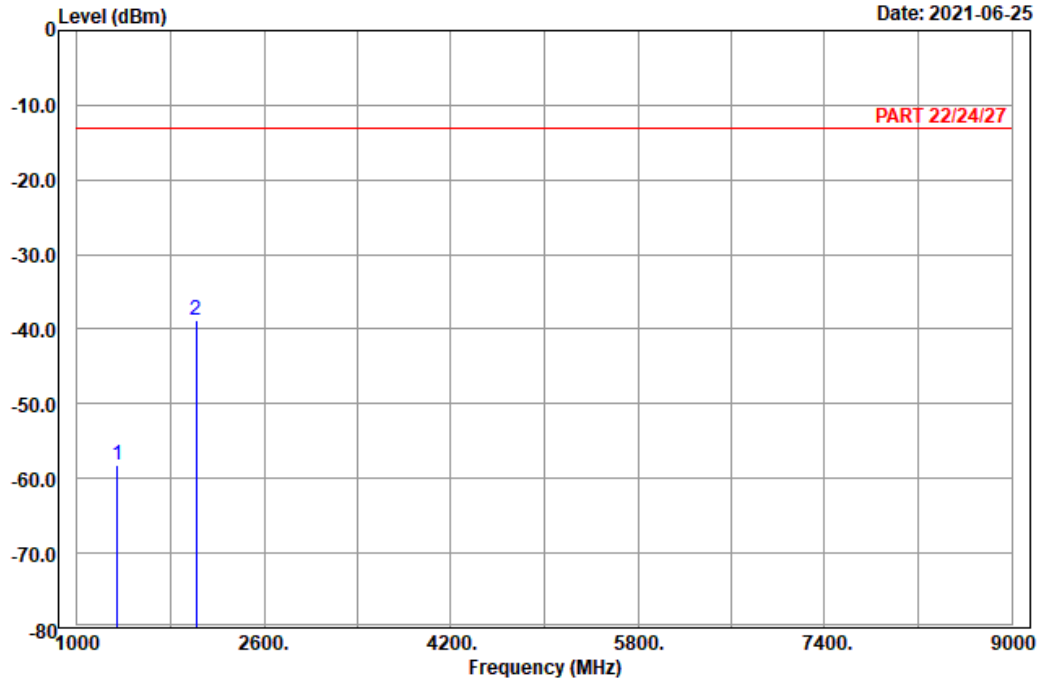
Channel Bandwidth: 20 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
Condition: PART 22/24/27 Horizontal
Remark : LTE_Band 71_Link_L-Ch
Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1346.00	-58.21	-63.52	5.31	-13.00	-45.21	Peak
2 pp	2019.00	-38.88	-49.13	10.25	-13.00	-25.88	Peak

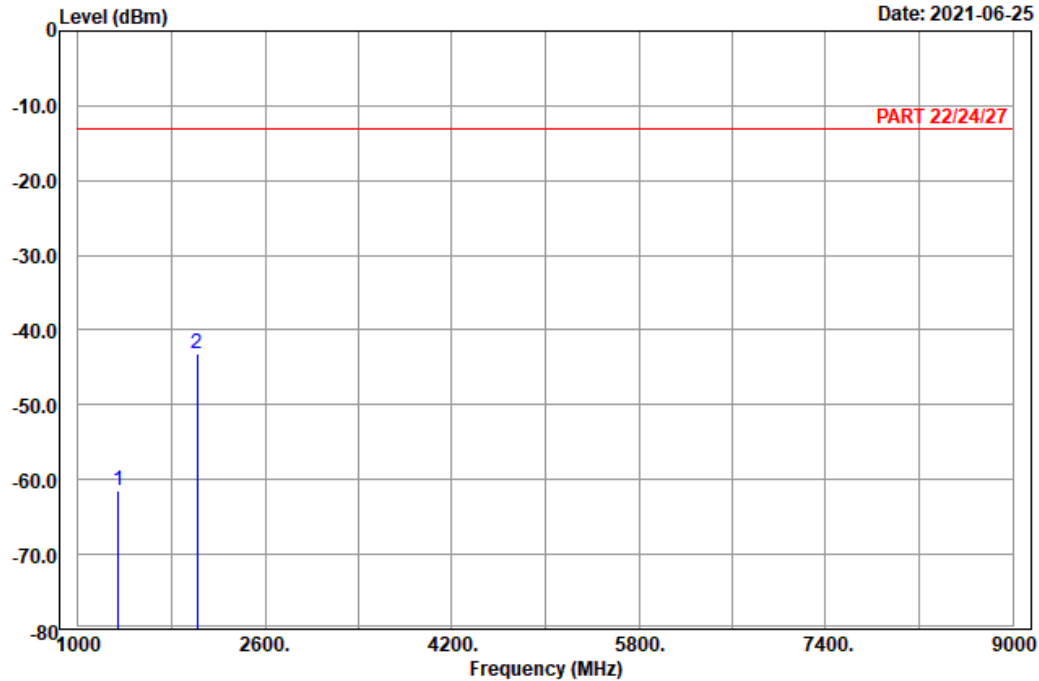


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 71_Link_L-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1346.00	-61.46	-66.77	5.31	-13.00	-48.46	Peak
2	pp 2019.00	-43.25	-53.50	10.25	-13.00	-30.25	Peak

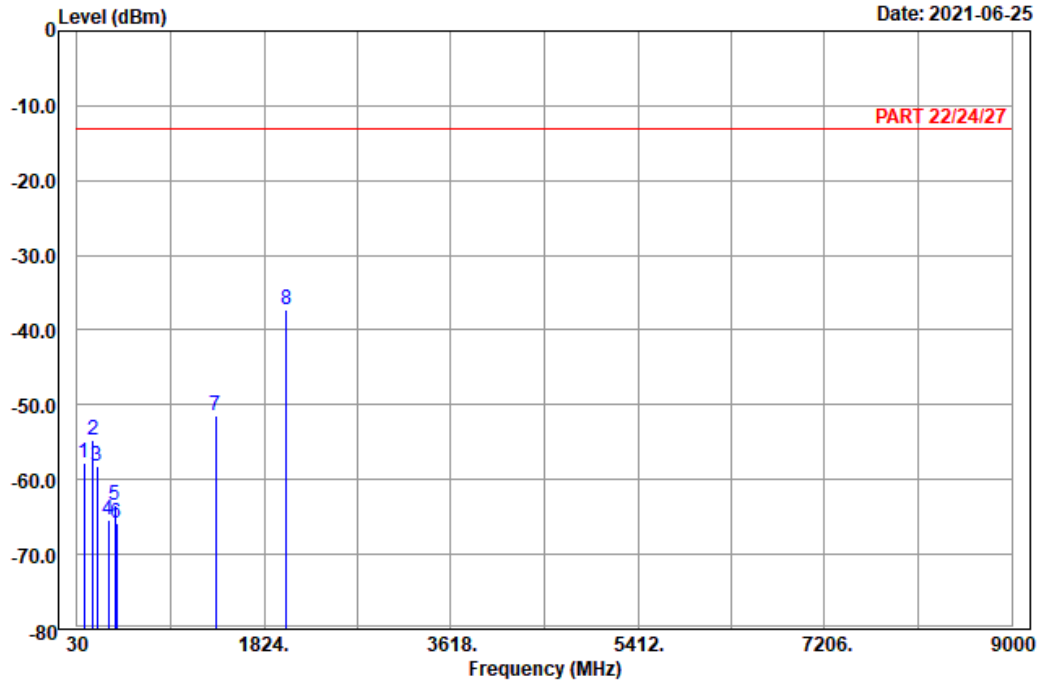
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 71_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	97.77	-57.81	-47.58	-10.23	-13.00	-44.81	Peak
2	185.25	-54.61	-48.96	-5.65	-13.00	-41.61	Peak
3	223.86	-58.13	-52.27	-5.86	-13.00	-45.13	Peak
4	328.70	-65.34	-59.72	-5.62	-13.00	-52.34	Peak
5	395.20	-63.52	-60.52	-3.00	-13.00	-50.52	Peak
6	406.40	-65.75	-62.86	-2.89	-13.00	-52.75	Peak
7	1361.00	-51.54	-57.11	5.57	-13.00	-38.54	Peak
8 pp	2041.50	-37.18	-47.60	10.42	-13.00	-24.18	Peak

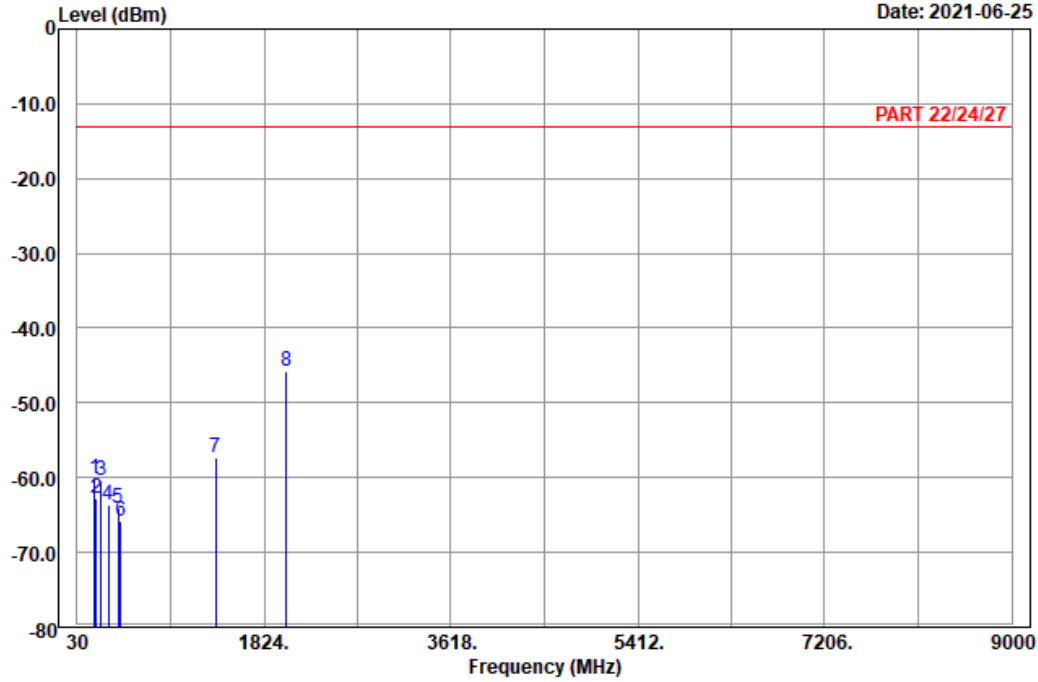


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 71_Link_M-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	197.94	-60.15	-54.06	-6.09	-13.00	-47.15	Peak
2	214.14	-62.73	-56.74	-5.99	-13.00	-49.73	Peak
3	260.04	-60.46	-54.86	-5.60	-13.00	-47.46	Peak
4	332.90	-63.67	-58.09	-5.58	-13.00	-50.67	Peak
5	422.50	-64.06	-60.81	-3.25	-13.00	-51.06	Peak
6	447.70	-65.91	-62.11	-3.80	-13.00	-52.91	Peak
7	1361.00	-57.43	-63.00	5.57	-13.00	-44.43	Peak
8 pp	2041.50	-45.88	-56.30	10.42	-13.00	-32.88	Peak

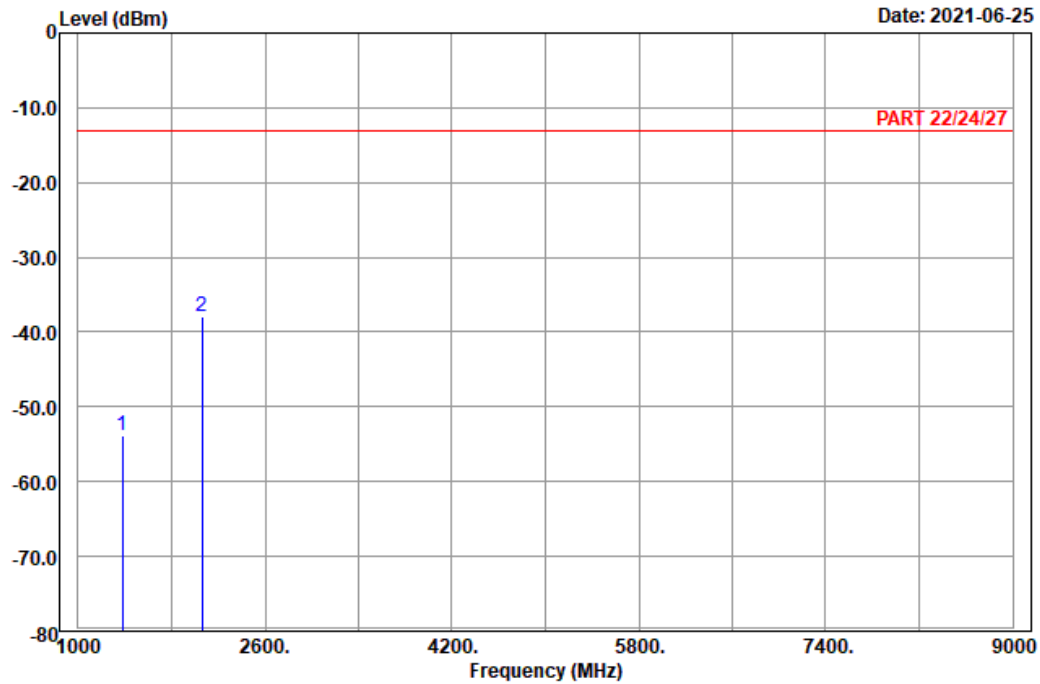
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 71_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1376.00	-53.90	-59.73	5.83	-13.00	-40.90	Peak
2 pp	2064.00	-37.96	-48.55	10.59	-13.00	-24.96	Peak

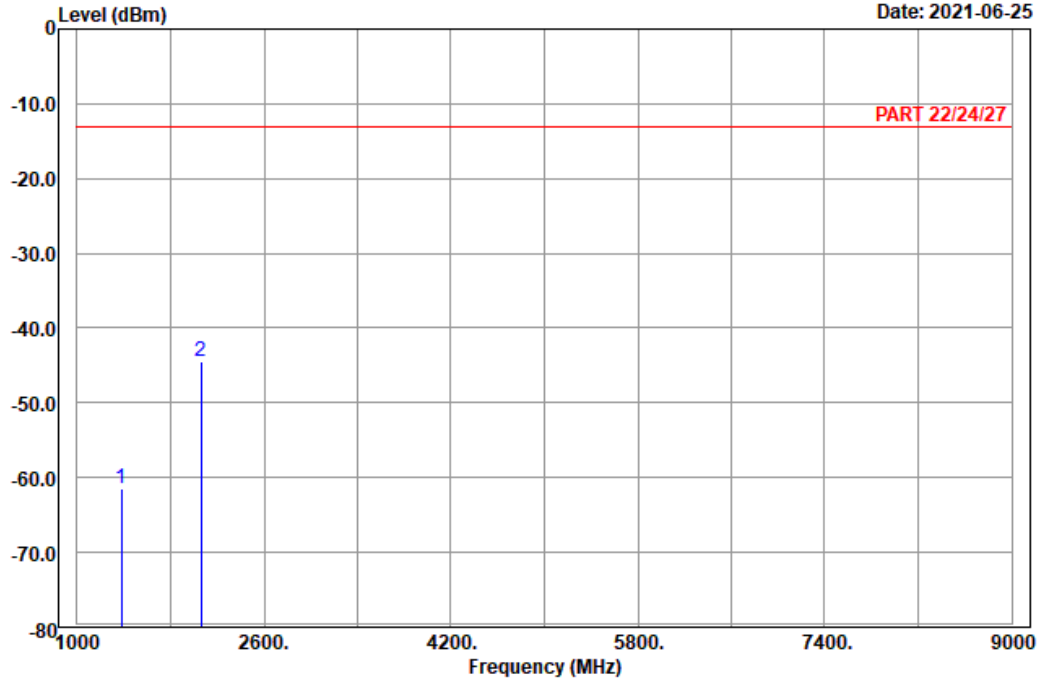


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2021-06-25



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 71_Link_H-Ch
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1376.00	-61.50	-67.33	5.83	-13.00	-48.50	Peak
2	pp 2064.00	-44.52	-55.11	10.59	-13.00	-31.52	Peak

5 Pictures of Test Arrangements

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

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

--- END ---