

MEASUREMENT REPORT

FCC PART 24 & 27

FCC ID: HD5-EDA711

Applicant: Honeywell International Inc.
Honeywell Safety and Productivity Solution

Application Type: Certification

Product: Tablet

Model No.: EDA71-1

Brand Name: Honeywell

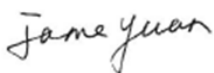
FCC Classification: PCS Licensed Transmitter (PCB)

FCC Rule Part(s): Part 24 Subpart E
Part 27 Subpart L & H & F & M & N

Test Procedure(s): ANSI C63.26-2015, KDB 971168 D01v03r01

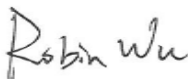
Test Date: July 06 ~ Aug 15, 2020

Reviewed By:



(Jame Yuan)

Approved By:



(Robin Wu)



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.26-2015. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2001RSU044-U8	Rev. 01	Initial Report	08-18-2020	Valid

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General Information

Applicant:	Honeywell International Inc. Honeywell Safety and Productivity Solutions
Applicant Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States
Manufacturer:	Honeywell International Inc. Honeywell Safety and Productivity Solutions
Manufacturer Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States
Test Site:	MRT Technology (Suzhou) Co., Ltd
Test Site Address:	D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China

Test Facility / Accreditations

Measurements were performed at MRT Laboratory located in Tian'edang Rd., Suzhou, China.

- MRT facility is an FCC registered (MRT Designation No. CN1166) test facility with the site description report on file and has met all the requirements specified in ANSI C63.4-2014.
- MRT facility is an IC registered (MRT Reg. No. 11384A-1) test laboratory with the site description on file at Industry Canada.
- MRT facility is a VCCI registered (R-20025, G-20034, C-20020, T-20020) test laboratory with the site description on file at VCCI Council.
- MRT Lab is accredited to ISO 17025 by the American Association for Laboratory Accreditation (A2LA) under the American Association for Laboratory Accreditation Program (A2LA Cert. No. 3628.01) in EMC, Telecommunications, Radio and SAR testing.



1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada and Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taihu Lake. These measurement tests were conducted at the MRT Technology (Suzhou) Co., Ltd. Facility located at D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China. The measurement facility compliant with the test site requirements specified in ANSI C63.4-2014.



2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name	Tablet
Model No.	EDA71-1
Serial No.	20087B1290
Hardware Version	IDH63_MB_V2.0.0
Software Version	213.01.00.0009E
IMEI	990013560217445
Wi-Fi Specification	802.11a/b/g/n/ac
Bluetooth Version	v4.2 dual mode
NFC Working Frequency	13.56MHz
Satellite	GPS / GLONASS / BDS
GSM Operating Band	GSM850 / PCS1900
WCDMA Operating Band	Band II / IV / V
CDMA2000 Operating Band	BC0 / BC1
LTE Operating Band	FDD Band: 2 / 4 / 7 / 12 / 13 / 17 TDD Band: 38 / 41
Accessories	
USB Adapter	Model No.: ADS-12B-06 05010E Input Power: 100 - 240V ~ 50/60Hz, Max. 0.3A Output Power: 5VDC 2.0A
Li-ion Battery 1#	Model No.: BAT-EDA50US Capacitance: 4000mAh/15.2Wh Rated Voltage: 3.8V
Li-ion Battery 2#	Model No.: EDA70-EXT Capacitance: 8850mAh/33.45Wh Rated Voltage: 3.78V
USB CUP	Model No.: EDA70-UC Input: 5VDC 2.0A

2.2. Product Specification Subjective to this Report

Operational Band	LTE Band 2, 4, 7, 12, 13, 17, 38, 41
FDD T _x Frequency Range:	Band 2: 1850 ~ 1910 MHz; Band 4: 1710 ~ 1755 MHz Band 7: 2500 ~ 2570 MHz; Band 12: 699 ~ 716 MHz Band 13: 777 ~ 787 MHz; Band 17: 704 ~ 716 MHz
FDD R _x Frequency Range:	Band 2: 1930 ~ 1990 MHz; Band 4: 2110 ~ 2155 MHz Band 7: 2620 ~ 2690 MHz; Band 12: 729 ~ 746 MHz Band 13: 746 ~ 756 MHz; Band 17: 734 ~ 746 MHz
TDD T _x & R _x Frequency Range:	Band 38: 2570 ~ 2620 MHz; Band 41: 2496 ~ 2690 MHz;
Bandwidth	LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 7: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13: 5MHz / 10MHz LTE Band 17: 5MHz / 10MHz LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz
Type of Modulation	QPSK / 16-QAM
Antenna Gain	Band 2: 1.0dBi; Band 4: 1.0dBi; Band 7: 0.0dBi Band 12: -2.0dBi; Band 13: -1.0dBi; Band 17: -2.0dBi Band 38 & Band 41: 0.0dBi

Note 1: For other features of this EUT, test report will be issued separately.

Note 2: All product information is provided by the manufacturer.

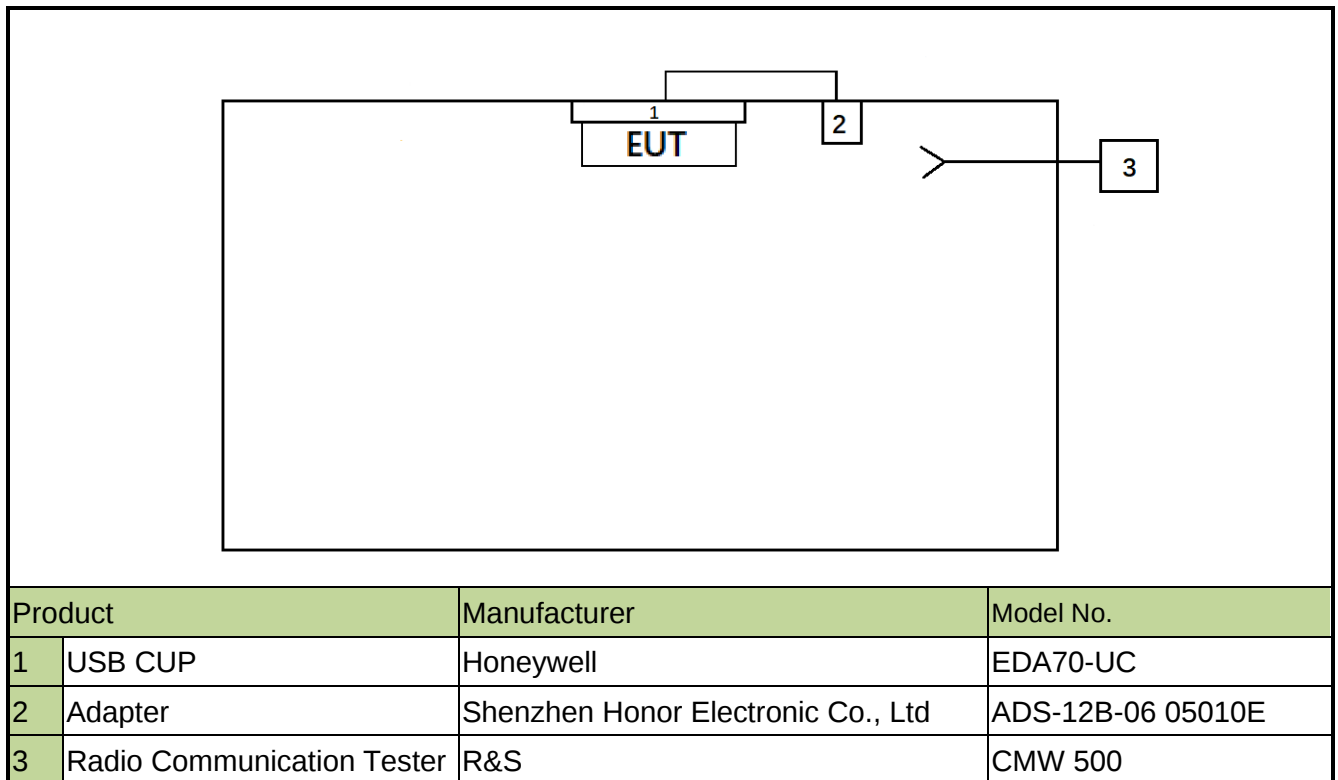
Note 3: LTE Band 41 (2496 ~ 2690 MHz) overlaps the entire frequency range of LTE Band 38 (2570 ~ 2620 MHz). Therefore, test data provided in this report covers Band 38 as well as Band 41.

2.3. Maximum Power, Frequency Tolerance, and Emission Designator

LTE Band 2				QPSK	16QAM
BW (MHz)	Frequency (MHz)	Designator	Tolerance (ppm)	Max EIRP (W)	Max EIRP (W)
1.4	1850.7 ~ 1909.3	1M09G7D	-	0.0964	0.0863
3	1851.5 ~ 1908.5	2M69G7D	-	0.0953	0.0828
5	1852.5 ~ 1907.5	4M48G7D	-	0.0946	0.0849
10	1855.0 ~ 1905.0	8M94G7D	-	0.0973	0.0787
15	1857.5 ~ 1902.5	13M4G7D	-	0.0962	0.0820
20	1860.0 ~ 1900.0	17M9G7D	0.0131	0.0968	0.0798
LTE Band 4				QPSK	16QAM
BW (MHz)	Frequency (MHz)	Designator	Tolerance (ppm)	Max EIRP (W)	Max EIRP (W)
1.4	1710.7 ~ 1754.3	1M08G7D	-	0.0959	0.0869
3	1711.5 ~ 1753.5	2M69G7D	-	0.0964	0.0793
5	1712.5 ~ 1752.5	4M47G7D	-	0.0964	0.0807
10	1715.0 ~ 1750.0	8M94G7D	-	0.0966	0.0826
15	1717.5 ~ 1747.5	13M4G7D	-	0.0966	0.0851
20	1720.0 ~ 1745.0	17M9G7D	0.0169	0.0953	0.0830
LTE Band 7				QPSK	16QAM
BW (MHz)	Frequency (MHz)	Designator	Tolerance (ppm)	Max EIRP (W)	Max EIRP (W)
5	2502.5 ~ 2567.5	4M48G7D	-	0.1130	0.0964
10	2505.0 ~ 2565.0	8M94G7D	-	0.1146	0.0995
15	2507.5 ~ 2562.5	13M4G7D	-	0.1138	0.0931
20	2510.0 ~ 2560.0	17M9G7D	0.0132	0.1161	0.0863
LTE Band 12				QPSK	16QAM
BW (MHz)	Frequency (MHz)	Designator	Tolerance (ppm)	Max EIRP (W)	Max EIRP (W)
1.4	699.7 ~ 715.3	1M08G7D	-	0.0964	0.0815
3	700.5 ~ 714.5	2M69G7D	-	0.0975	0.0834
5	701.5 ~ 713.5	4M48G7D	-	0.0984	0.0713
10	704.0 ~ 711.0	8M95G7D	0.0459	0.1009	0.0815

LTE Band 13				QPSK	16QAM
BW (MHz)	Frequency (MHz)	Designator	Tolerance (ppm)	Max EIRP (W)	Max EIRP (W)
5	779.5 ~ 784.5	4M48G7D	-	0.0935	0.0729
10	782.0	8M92G7D	0.0208	0.0929	0.0745
LTE Band 17				QPSK	16QAM
BW (MHz)	Frequency (MHz)	Designator	Tolerance (ppm)	Max ERP (W)	Max EIRP (W)
5	706.5 ~ 713.5	4M49G7D		0.0957	0.0710
10	709.0 ~ 711.0	8M92G7D	0.0268	0.0962	0.0752
LTE Band 38				QPSK	16QAM
BW (MHz)	Frequency (MHz)	Designator	Tolerance (ppm)	Max EIRP (W)	Max EIRP (W)
5	2502.5 - 2567.5	4M47G7D	-	0.2884	0.1968
10	2575.0 ~ 2615.0	8M94G7D	-	0.2618	0.2360
15	2577.5 ~ 2612.5	13M4G7D	-	0.2780	0.2104
20	2580 ~ 2610.0	17M8G7D	0.0311	0.2931	0.2213
LTE Band 41				QPSK	16QAM
BW (MHz)	Frequency (MHz)	Designator	Tolerance (ppm)	Max EIRP (W)	Max EIRP (W)
5	2498.5 ~ 2687.5	4M47G7D	-	0.2723	0.2070
10	2501.0 ~ 2685.0	8M94G7D	-	0.2761	0.2636
15	2503.5 ~ 2682.5	13M4G7D	-	0.2754	0.2280
20	2506.0 ~ 2680.0	17M8G7D	0.0325	0.2931	0.2472

2.4. Description of Test Configuration and Software



2.5. Test Environment Condition

Ambient Temperature	15°C~35°C
Relative Humidity	20%RH ~75%RH

2.6. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and no modifications were made during testing.

3. TEST EQUIPMENT CALIBRATION DATE

Radiated Emission - AC1

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2021/08/01
Wideband Radio Communication Tester	R&S	CMW 500	MRTSUE06243	1 year	2020/11/07
PXA Signal Analyzer	Keysight	9030B	MRTSUE06395	1 year	2020/09/03
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2020/11/10
Bilog Period Antenna	Schwarzbeck	VULB 9168	MRTSUE06172	1 year	2021/03/31
Broad Band Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06023	1 year	2020/10/13
Broad Band Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06597	1 year	2021/02/23
Microwave System Amplifier	Agilent	83017A	MRTSUE06076	1 year	2020/11/15
Preamplifier	Schwarzbeck	BBV 9721	MRTSUE06121	1 year	2021/06/11
Thermohygrometer	Testo	608-H1	MRTSUE06403	1 year	2021/08/08
Anechoic Chamber	TDK	Chamber-AC1	MRTSUE06212	1 year	2021/04/30

Radiated Emission - AC2

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Spectrum Analyzer	Keysight	N9038A	MRTSUE06125	1 year	2021/08/01
Wideband Radio Communication Tester	R&S	CMW 500	MRTSUE06243	1 year	2020/11/07
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2020/11/10
Bilog Period Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2020/10/13
Horn Antenna	Schwarzbeck	BBHA9120D	MRTSUE06171	1 year	2020/10/27
Broad Band Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06597	1 year	2021/02/23
Broadband Coaxial Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2020/11/15
Preamplifier	Schwarzbeck	BBV 9721	MRTSUE06121	1 year	2021/06/11
Temperature/Humidity Meter	Minggao	ETH529	MRTSUE06170	1 year	2020/12/15
Anechoic Chamber	RIKEN	Chamber-AC2	MRTSUE06213	1 year	2021/04/30

Conducted Test Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	Agilent	N9020A	MRTSUE06106	1 year	2021/04/15
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06452	1 year	2021/07/11
Signal Analyzer	R&S	FSV40	MRTSUE06218	1 year	2021/04/15
Wideband Radio Communication Tester	R&S	CMW 500	MRTSUE06243	1 year	2020/11/07
Power Meter	Agilent	U2021XA	MRTSUE06030	1 year	2020/11/18
USB wideband power sensor	Keysight	U2021XA	MRTSUE06446	1 year	2021/06/30
USB wideband power sensor	Keysight	U2021XA	MRTSUE06447	1 year	2021/06/30
Bluetooth Test Set	Anritsu	MT8852B-042	MRTSUE06389	1 year	2021/06/13
Audio Analyzer	Agilent	U8903B	MRTSUE06143	1 year	2021/06/13
Attenuator	MVE	6dB	MRTSUE06534	1 year	2020/12/12
Attenuator	MVE	10dB	MRTSUE06543	1 year	2020/12/12
Modulation Analyzer	HP	8901A	MRTSUE06098	1 year	2020/10/10
Wideband Radio Communication Tester	R&S	CMW 500	MRTSUE06243	1 year	2020/11/07
DC Power Supply	GWINSTEK	DPS-3303C	MRTSUE06064	N/A	N/A
Temperature & Humidity Chamber	BAOYT	BYH-150CL	MRTSUE06051	1 year	2020/11/07
Thermohygrometer	testo	608-H1	MRTSUE06401	1 year	2021/08/08

Software	Version	Function
EMI Software	V3	EMI Test Software

4. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

Radiated Disturbance
Measurement Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): Horizontal: 9kHz~300MHz: 5.04dB 300MHz~1GHz: 4.95dB 1GHz~40GHz: 6.40dB Vertical: 9kHz~300MHz: 5.24dB 300MHz~1GHz: 6.03dB 1GHz~40GHz: 6.40dB
Spurious Emissions, Conducted
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 0.78dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 1.13dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 0.28%

5. TEST RESULT

5.1. Summary

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
2.1049	Occupied bandwidth	N/A	Conducted	Pass	Section 5.2
2.1051 ,24.238(a) 27.53(h),27.53(g), 27.53(c)(2)	Band Edge /Conducted Spurious Emissions (band 2, 4,12,13,17)	$< 43 + \log_{10} (P[\text{Watts}])$		Pass	Section 5.3 Section 5.4
27.53(m)(4)	Band Edge /Conducted Spurious Emissions (band 7, 38, 41)	27.53(m)(4) / $< 55 + \log_{10} (P[\text{Watts}])$			
24.232(d)	Peak-Average Ratio	$< 13 \text{ dB}$		Pass	Section 5.5
2.1046	Transmitter Conducted Output Power	N/A		Pass	Section 5.6
27.50(b)(10) 27.50(c)(10)	Effective Radiated Power (LTE Band 12,13,17)	$< 3 \text{ Watts max. ERP}$		Pass	
24.232(c), 27.50(h)(2)	Equivalent Isotropic Radiated Power (LTE Band 2, 7, 38, 41)	$< 2 \text{ Watts max. EIRP}$			
27.50(d)(4)	Equivalent Isotropic Radiated Power (LTE Band 4)	$< 1 \text{ Watts max. EIRP}$		Pass	
24.235, 27.54	Frequency Stability	Within authorized frequency block		Pass	Section 5.7
2.1053, 24.238(a), 27.53(g), 27.53(h) 27.53(c)(2)	Undesirable Emissions	$> 43 + \log_{10} (P[\text{Watts}])$ for all out-of-band emissions	Radiated	Pass	Section 5.8
2.1053, 27.53(m)(4)		$> 55 + \log_{10} (P[\text{Watts}])$ for all out-of-band emissions			

Notes:

- 1) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- 2) All supported modulation types were evaluated. The worst-case emission of modulation was selected. Therefore, the Frequency Stability, Occupied Bandwidth, Channel Band Edge, Radiated & Conducted Spurious Emission were presented in the test report.

5.2. Occupied Bandwidth

5.2.1. Test Limit

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

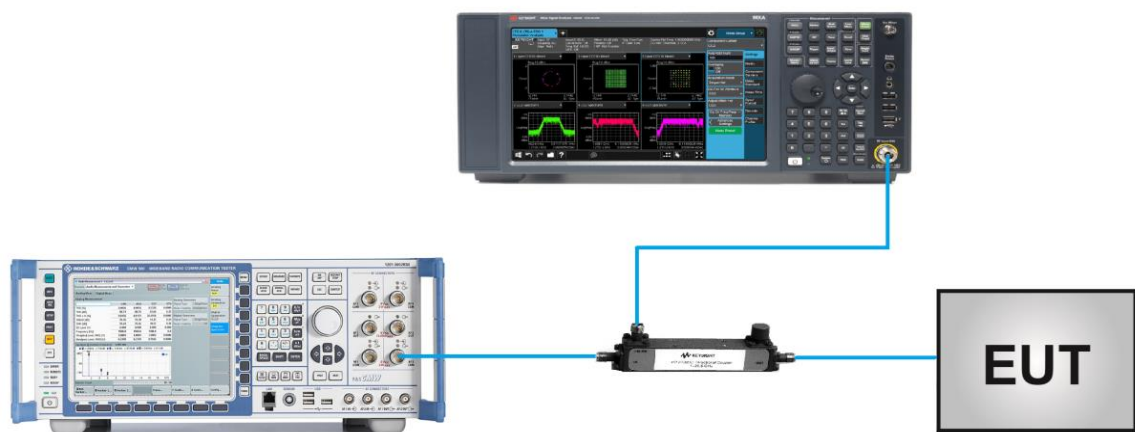
5.2.2. Test Procedure used

ANSI C63.26-2015 - Section 5.4.3& Section 5.4.4

5.2.3. Test Setting

1. Set center frequency to the nominal EUT channel center frequency
2. RBW = The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace to stabilize
8. Use the 99% power bandwidth function of the instrument and report the measured bandwidth.

5.2.4. Test Setup



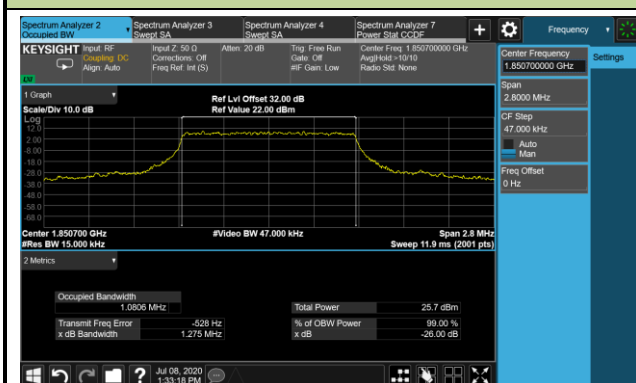
5.2.5. Test Result

Product	Tablet	Test Site	SR5
Test Engineer	Candy Luo	Test Date	2020/07/08
Test Band	Band 2		

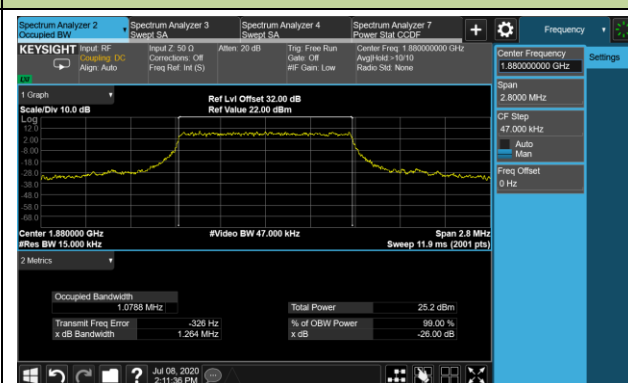
Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
Low Channel			
1850.7	1.4	1.08	1.28
1851.5	3	2.69	2.95
1852.5	5	4.46	4.93
1855.0	10	8.94	9.70
1857.5	15	13.39	14.49
1860.0	20	17.89	19.36
Middle Channel			
1880.0	1.4	1.08	1.26
1880.0	3	2.68	2.93
1880.0	5	4.48	4.94
1880.0	10	8.92	9.68
1880.0	15	13.34	14.35
1880.0	20	17.83	18.97
High Channel			
1909.3	1.4	1.09	1.25
1908.5	3	2.69	2.93
1907.5	5	4.47	4.93
1905.0	10	8.92	9.64
1902.5	15	13.35	14.42
1900.0	20	17.80	19.14

LTE Band 2 99% & 26dB Occupied Bandwidth

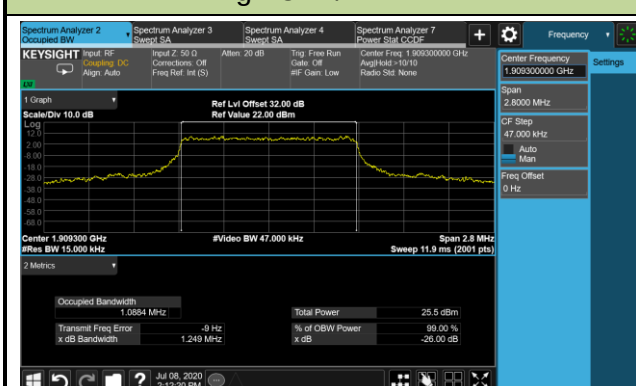
Low CH. / 1.4MHz



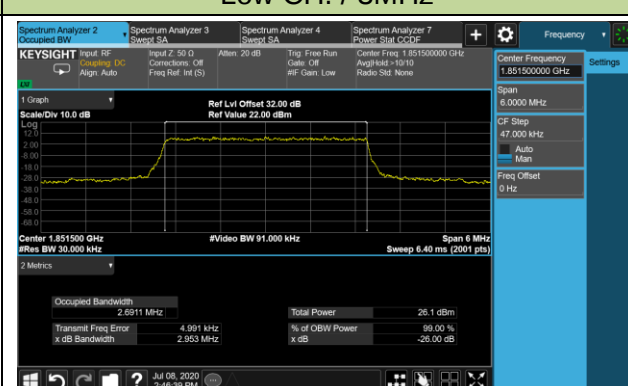
Mid CH. / 1.4MHz



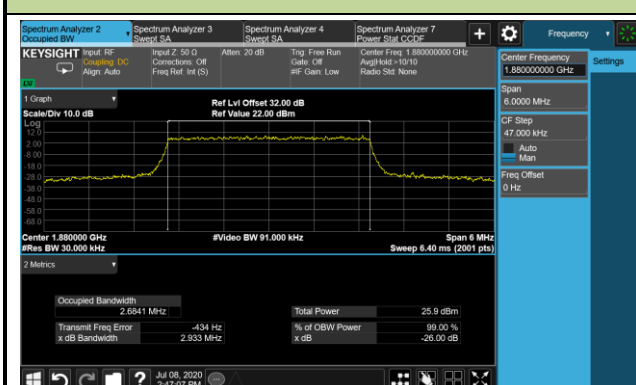
High CH. / 1.4MHz



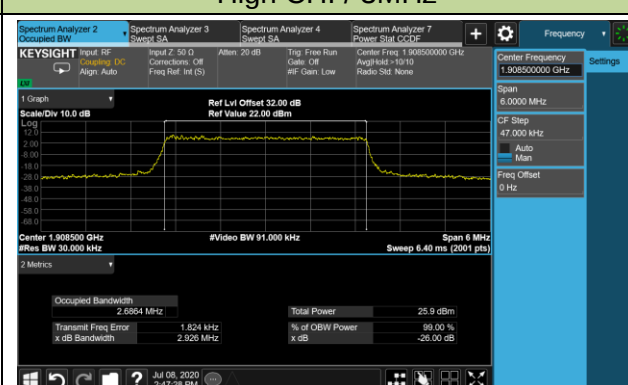
Low CH. / 3MHz



Mid CH. / 3MHz

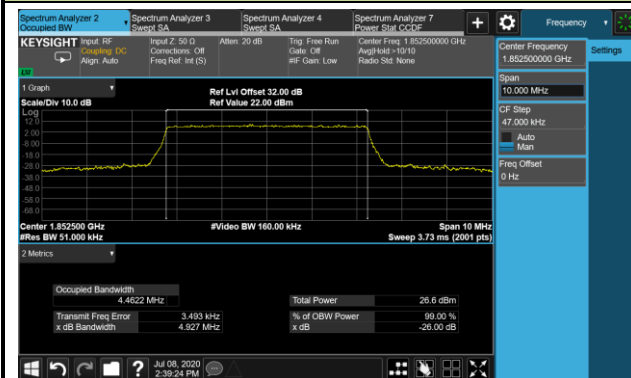


High CH. / 3MHz

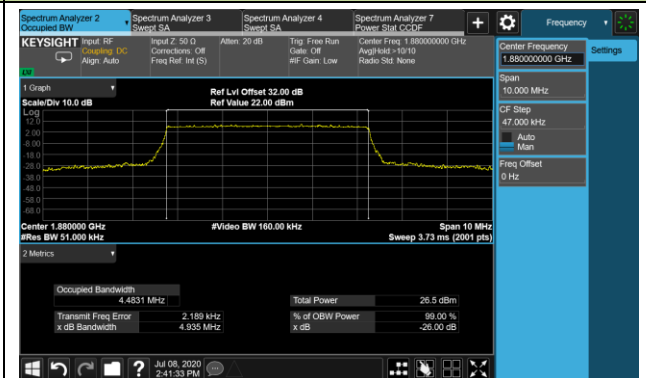


LTE Band 2 99% & 26dB Occupied Bandwidth

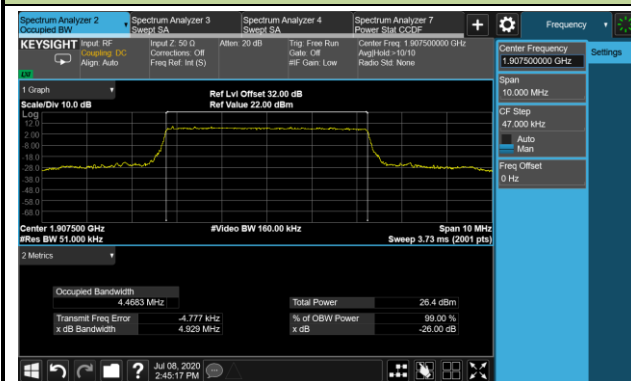
Low CH. / 5MHz



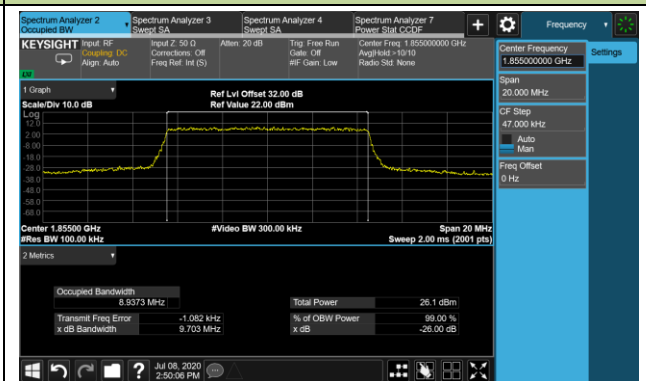
Mid CH. / 5MHz



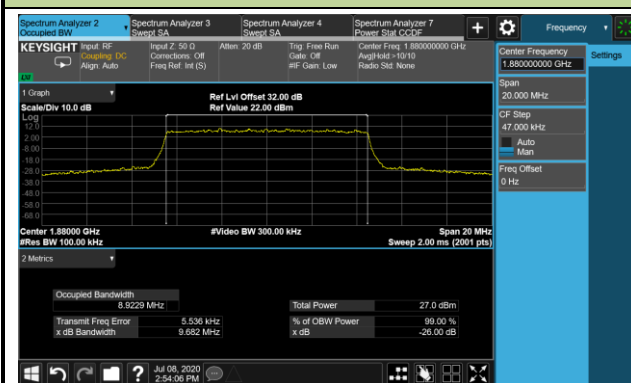
High CH. / 5MHz



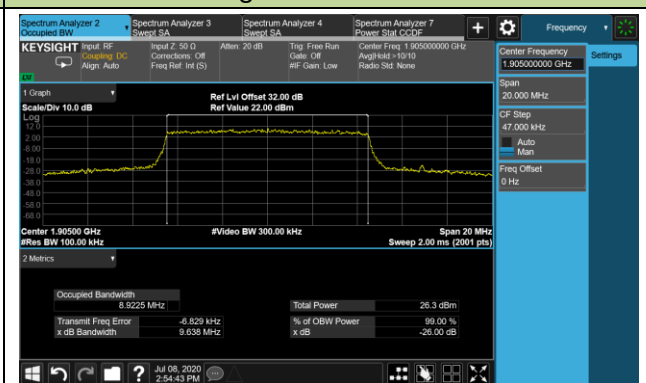
Low CH. / 10MHz



Mid CH. / 10MHz

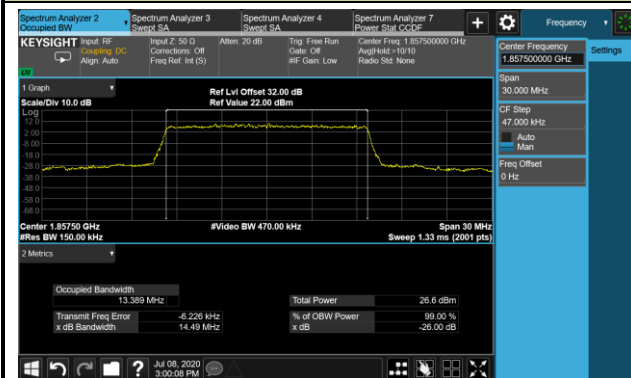


High CH. / 10MHz

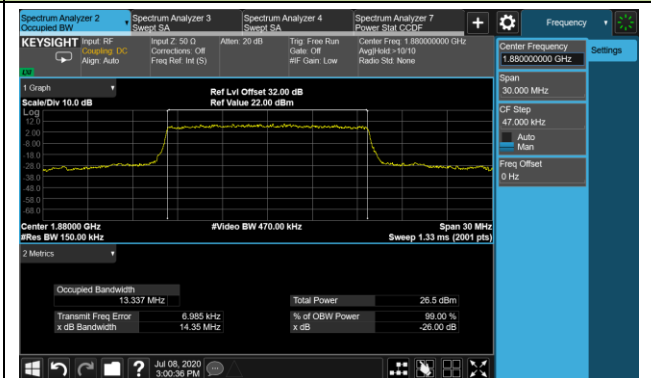


LTE Band 2 99% & 26dB Occupied Bandwidth

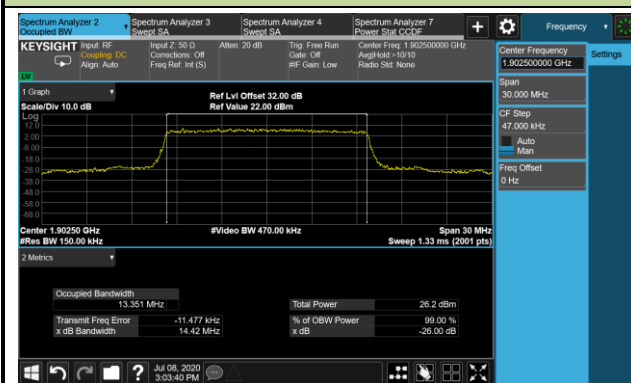
Low CH. / 15MHz



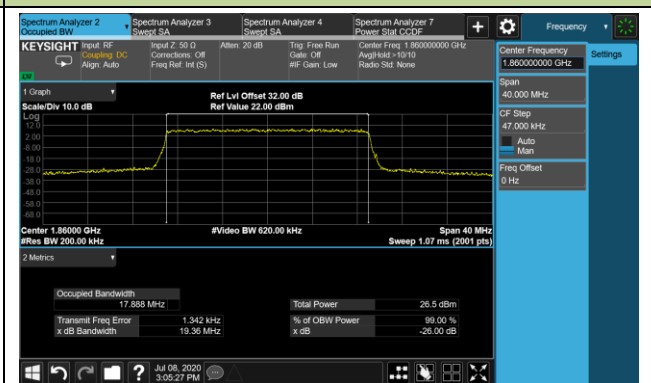
Mid CH. / 15MHz



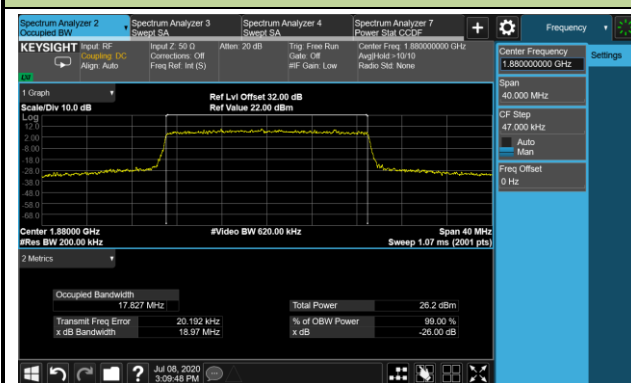
High CH. / 15MHz



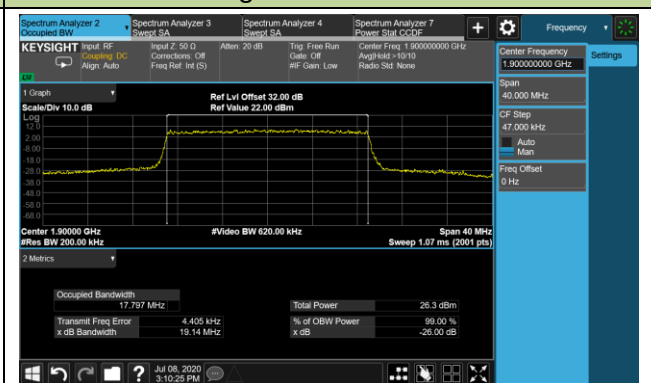
Low CH. / 20MHz



Mid CH. / 20MHz



High CH. / 20MHz

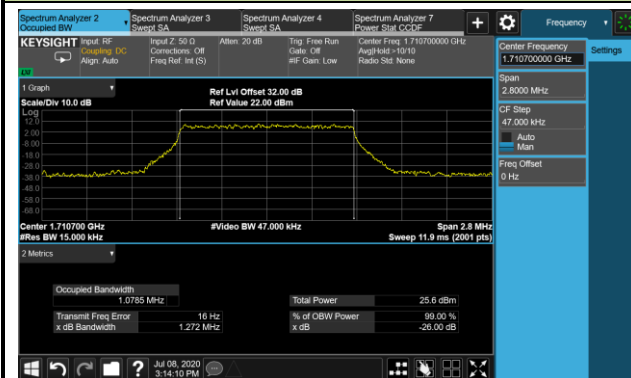


Product	Tablet	Test Site	SR5
Test Engineer	Candy Luo	Test Date	2020/07/08
Test Band	Band 4		

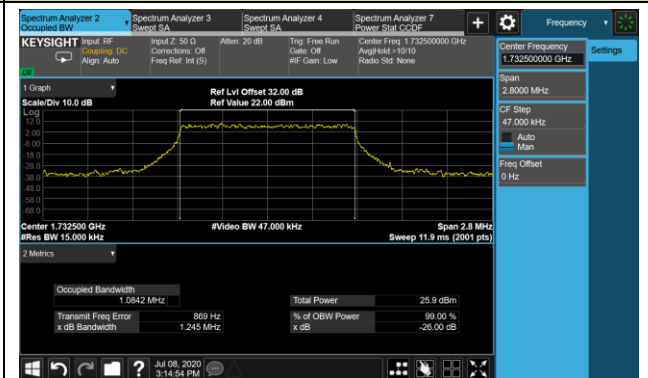
Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
Low Channel			
1710.7	1.4	1.08	1.27
1711.5	3	2.68	2.94
1712.5	5	4.46	4.90
1715	10	8.94	9.60
1717.5	15	13.36	14.46
1720	20	17.79	19.19
Middle Channel			
1732.5	1.4	1.08	1.25
1732.5	3	2.68	2.90
1732.5	5	4.47	4.91
1732.5	10	8.94	9.77
1732.5	15	13.39	14.49
1732.5	20	17.84	19.04
High Channel			
1754.3	1.4	1.08	1.26
1753.5	3	2.69	2.92
1752.5	5	4.47	4.93
1750	10	8.92	9.62
1747.5	15	13.36	14.29
1745	20	17.85	19.09

LTE Band 4 99% & 26dB Occupied Bandwidth

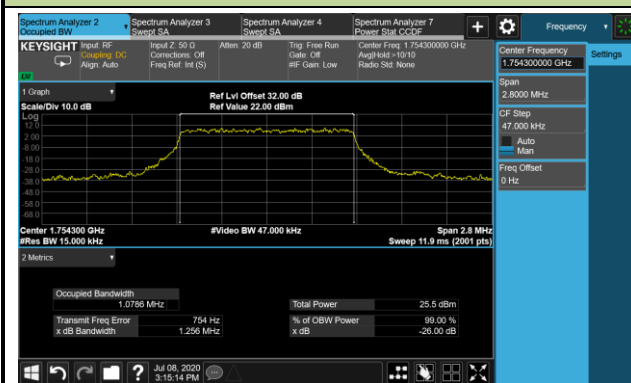
Low CH. / 1.4MHz



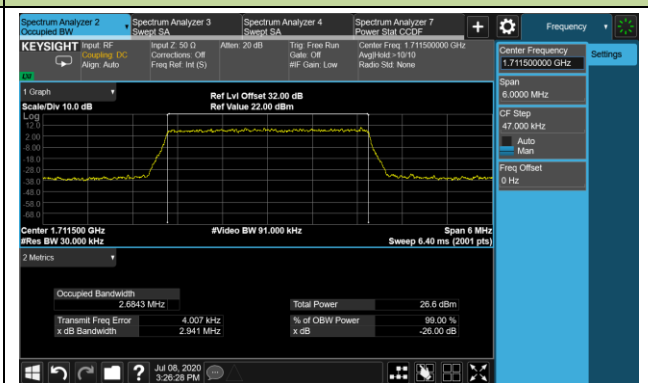
Mid CH. / 1.4MHz



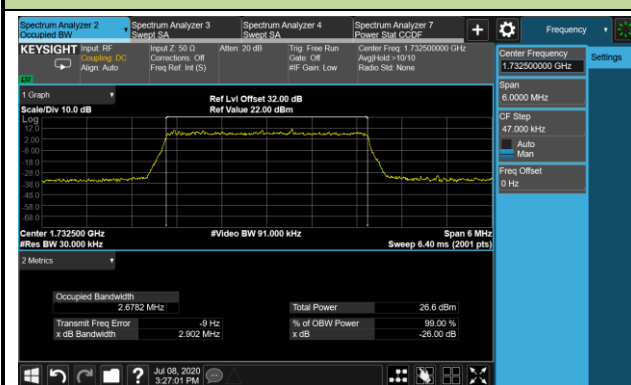
High CH. / 1.4MHz



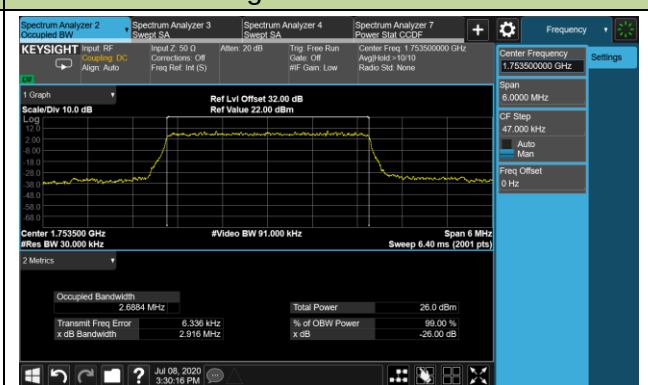
Low CH. / 3MHz



Mid CH. / 3MHz

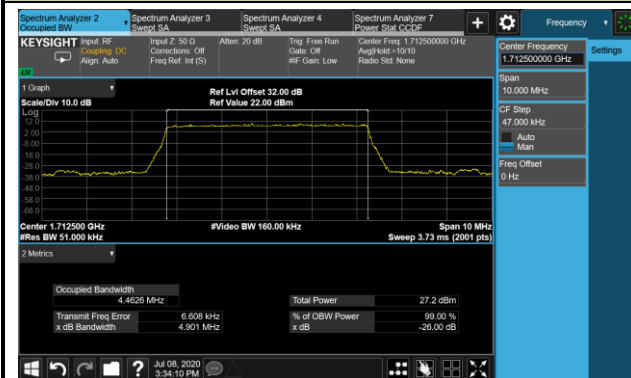


High CH. / 3MHz

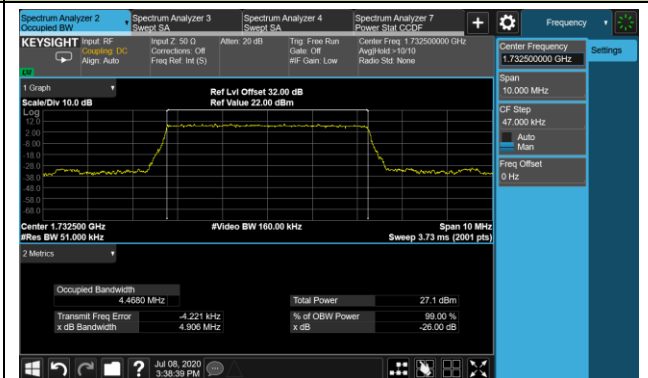


LTE Band 4 99% & 26dB Occupied Bandwidth

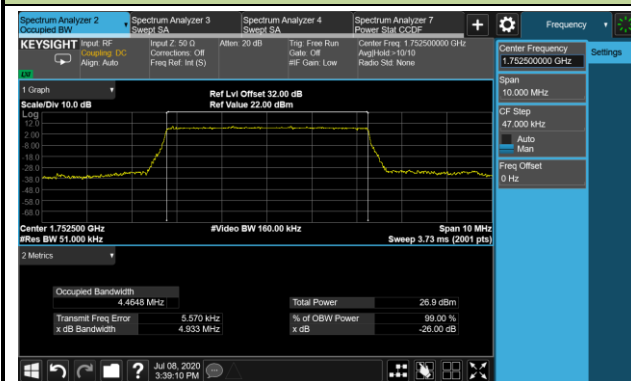
Low CH. / 5MHz



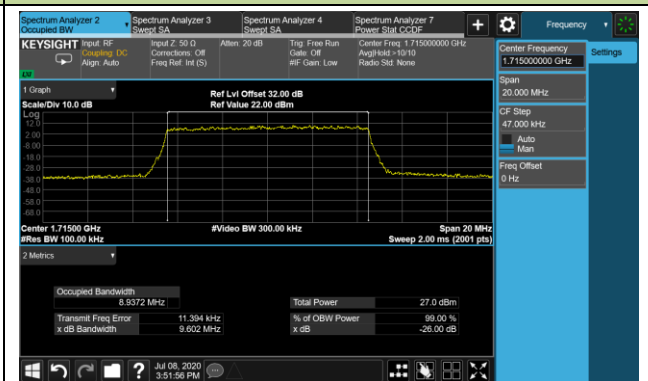
Mid CH. / 5MHz



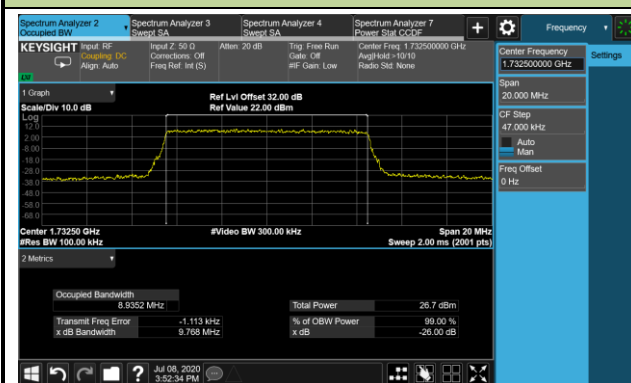
High CH. / 5MHz



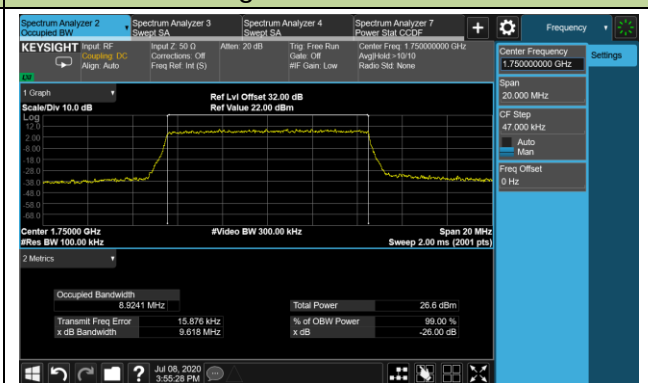
Low CH. / 10MHz



Mid CH. / 10MHz

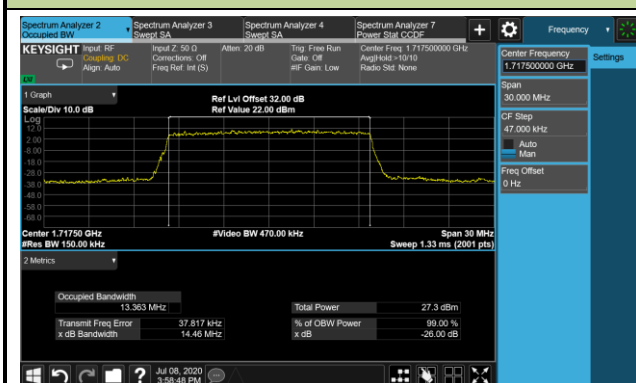


High CH. / 10MHz

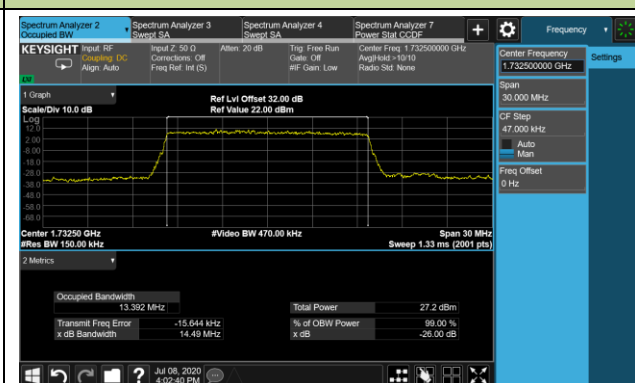


LTE Band 4 99% & 26dB Occupied Bandwidth

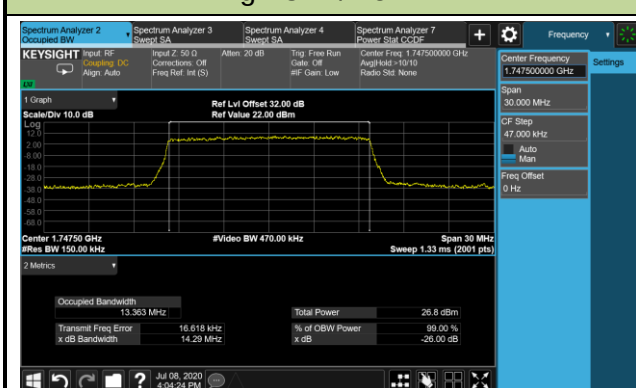
Low CH. / 15MHz



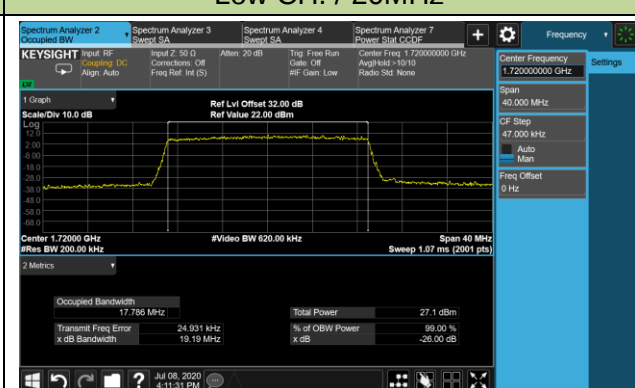
Mid CH. / 15MHz



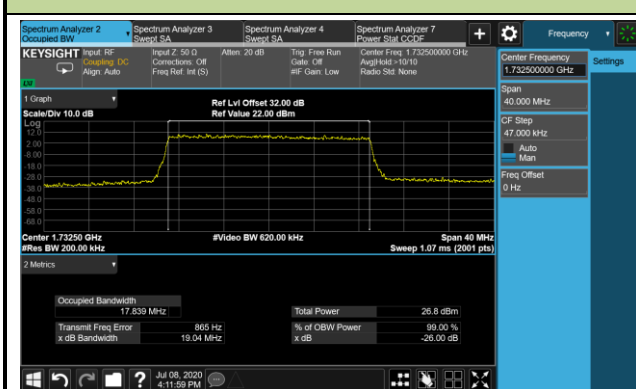
High CH. / 15MHz



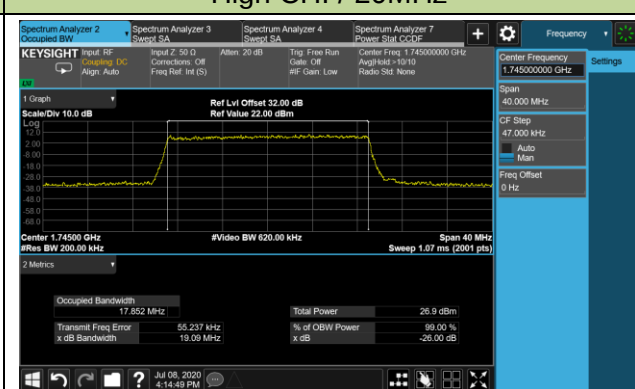
Low CH. / 20MHz



Mid CH. / 20MHz



High CH. / 20MHz

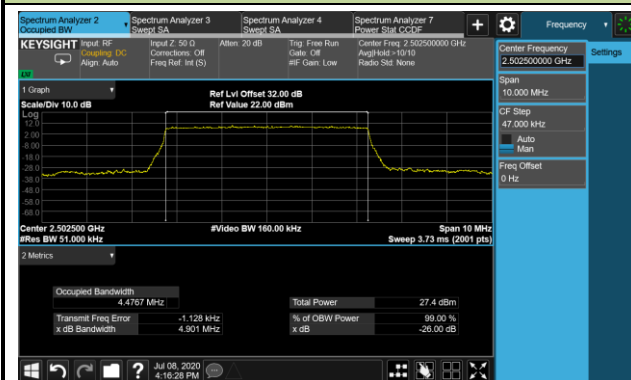


Product	Tablet	Test Site	SR5
Test Engineer	Candy Luo	Test Date	2020/07/08
Test Band	Band 7		

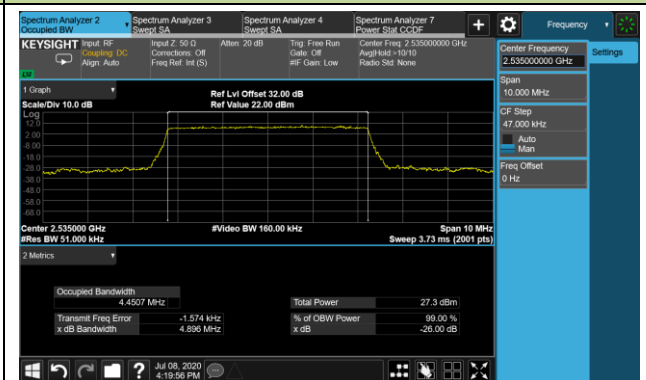
Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
Lowest Channel			
2502.5	5	4.48	4.90
2505	10	8.94	9.78
2507.5	15	13.38	14.49
2510	20	17.80	18.99
Middle Channel			
2535	5	4.45	4.90
2535	10	8.93	9.81
2535	15	13.41	14.41
2535	20	17.82	19.13
High Channel			
2567.5	5	4.48	4.94
2565	10	8.94	9.69
2562.5	15	13.39	14.51
2560	20	17.87	19.33

LTE Band 7 99% & 26dB Occupied Bandwidth

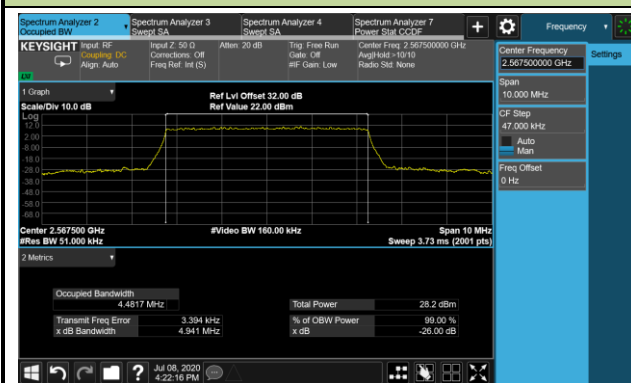
Low CH. / 5MHz



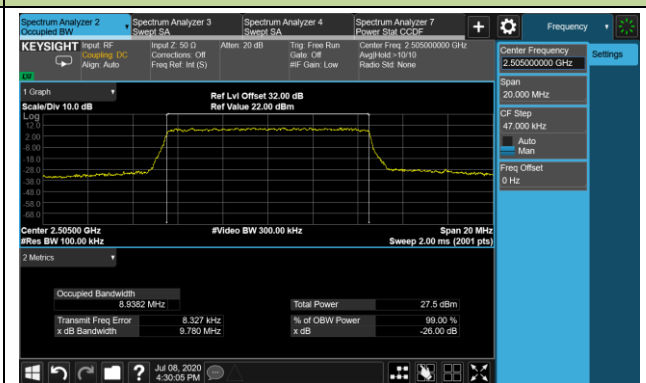
Mid CH. / 5MHz



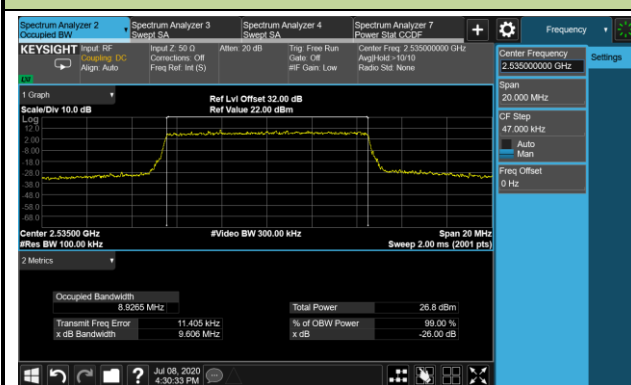
High CH. / 5MHz



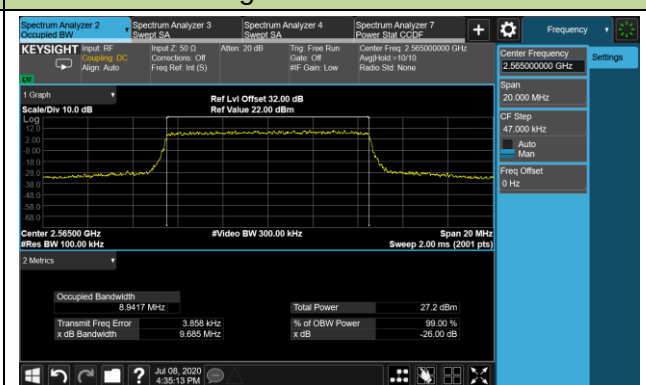
Low CH. / 10MHz



Mid CH. / 10MHz

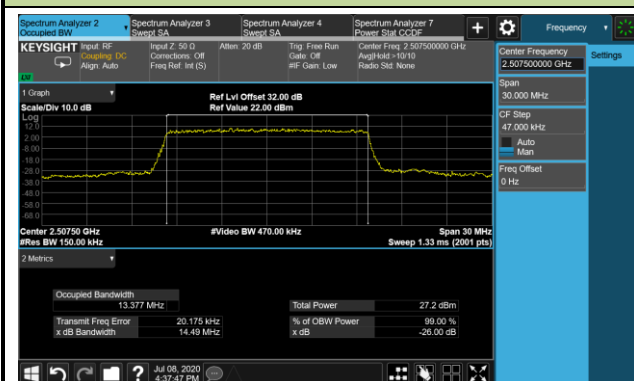


High CH. / 10MHz

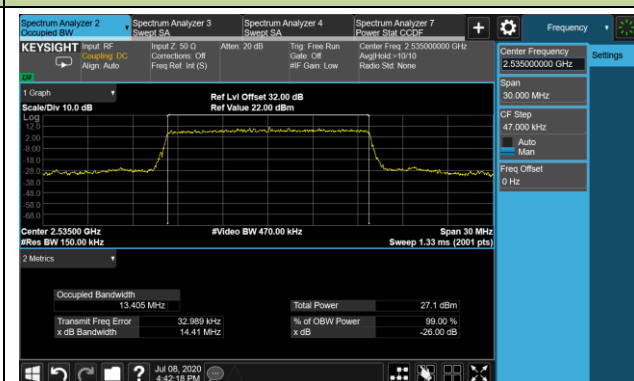


LTE Band 7 99% & 26dB Occupied Bandwidth

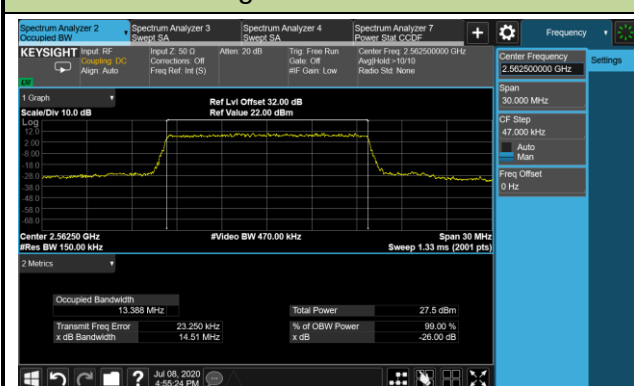
Low CH. / 15MHz



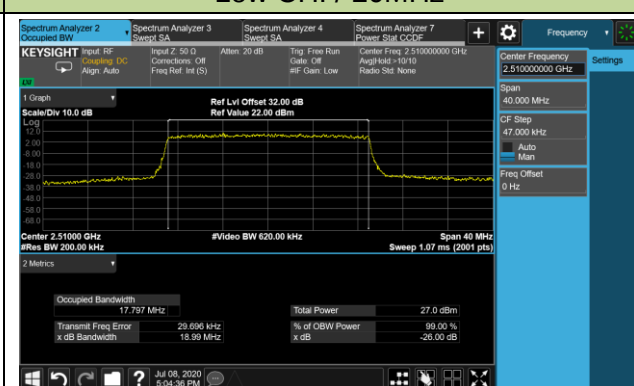
Mid CH. / 15MHz



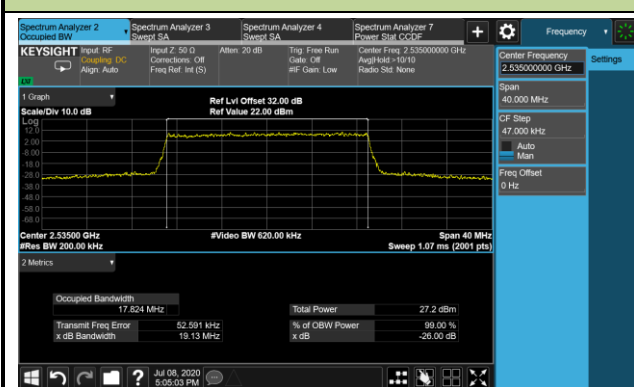
High CH. / 15MHz



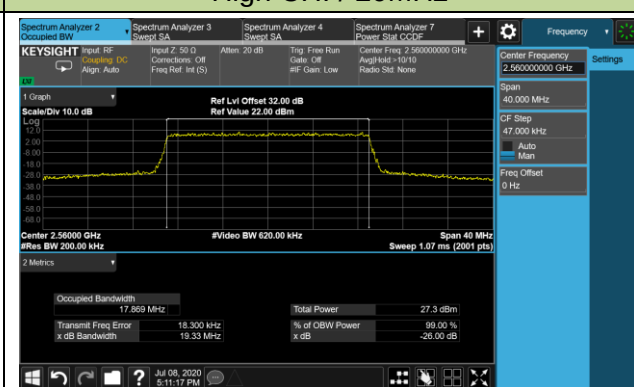
Low CH. / 20MHz



Mid CH. / 20MHz



High CH. / 20MHz

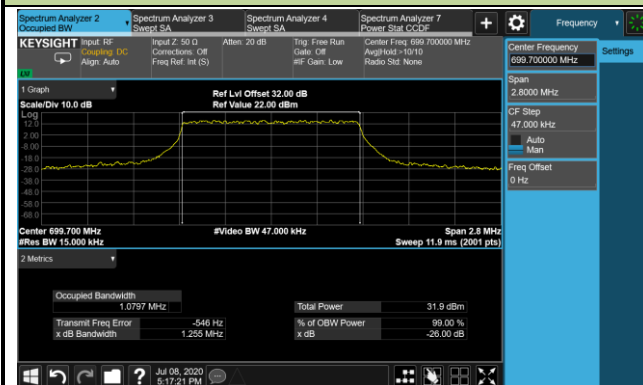


Product	Tablet	Test Site	SR5
Test Engineer	Candy Luo	Test Date	2020/07/08
Test Band	Band 12		

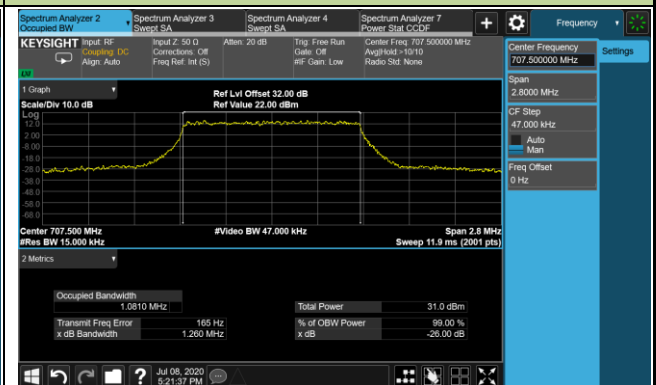
Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
Lowest Channel			
699.7	1.4	1.08	1.26
700.5	3	2.69	2.94
701.5	5	4.46	4.89
704.0	10	8.95	9.75
Middle Channel			
707.5	1.4	1.08	1.26
707.5	3	2.68	2.90
707.5	5	4.48	4.93
707.5	10	8.93	9.59
High Channel			
715.3	1.4	1.08	1.26
714.5	3	2.69	2.92
713.5	5	4.48	4.89
711.0	10	8.93	9.62

LTE Band 12 99% & 26dB Occupied Bandwidth

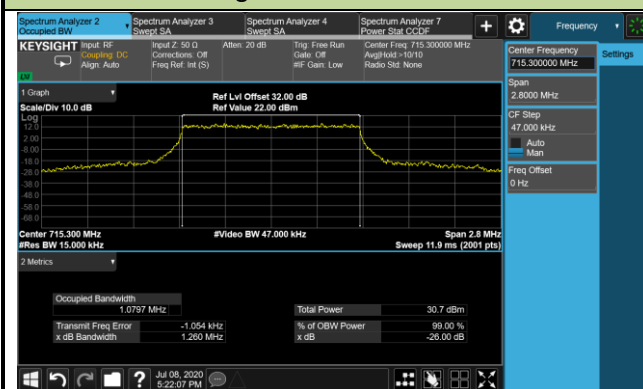
Low CH. / 1.4MHz



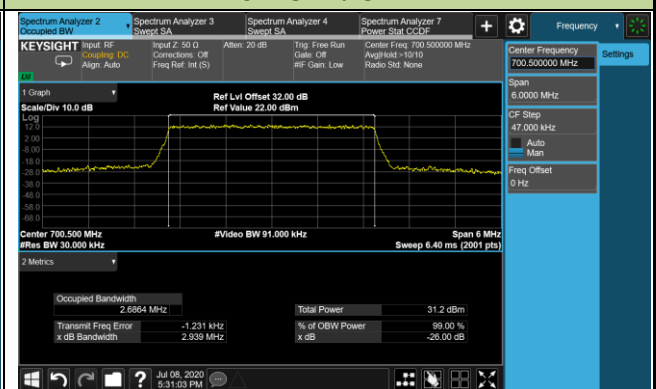
Mid CH. / 1.4MHz



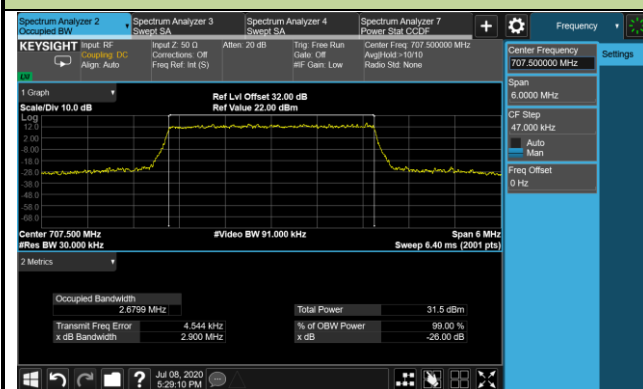
High CH. / 1.4MHz



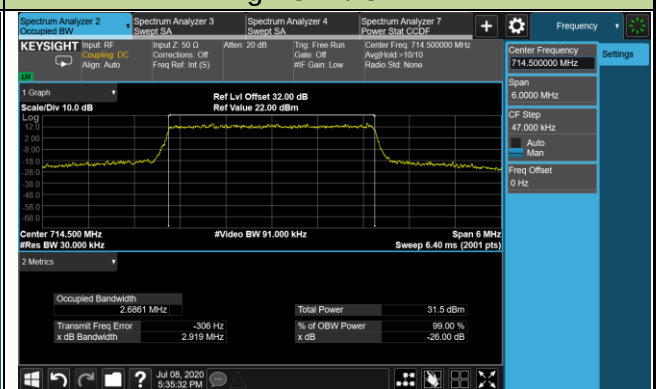
Low CH. / 3MHz



Mid CH. / 3MHz

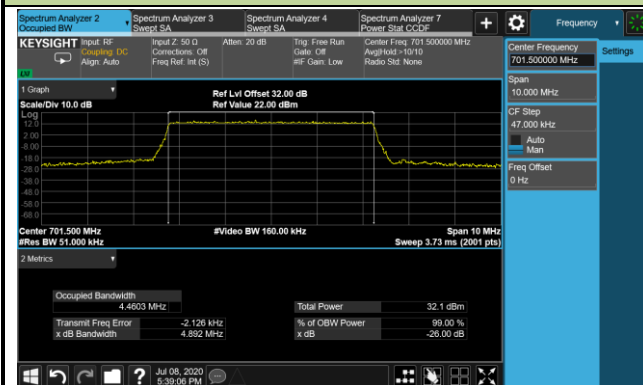


High CH. / 3MHz

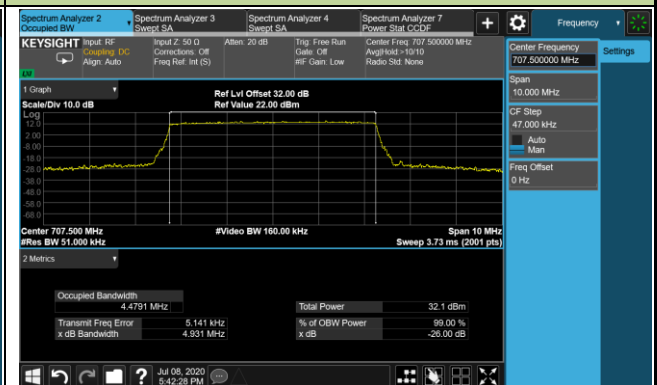


LTE Band 12 99% & 26dB Occupied Bandwidth

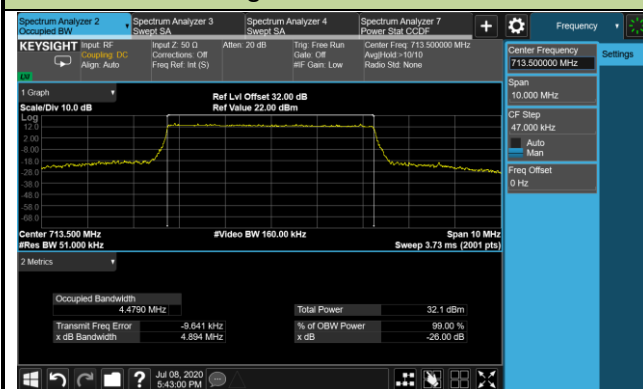
Low CH. / 5MHz



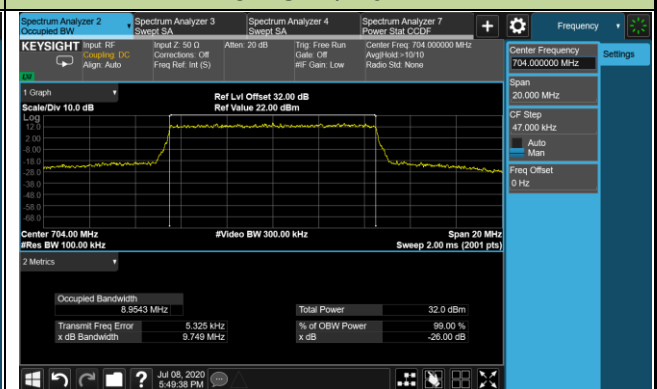
Mid CH. / 5MHz



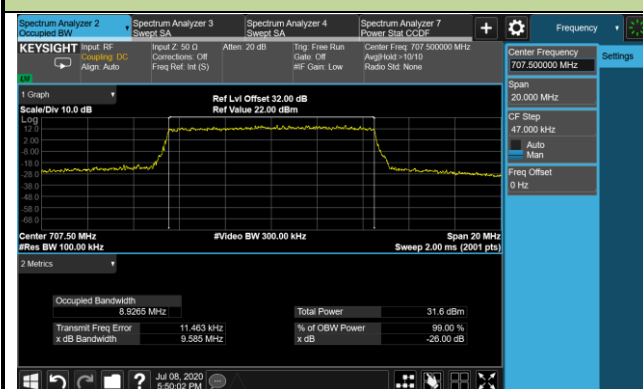
High CH. / 5MHz



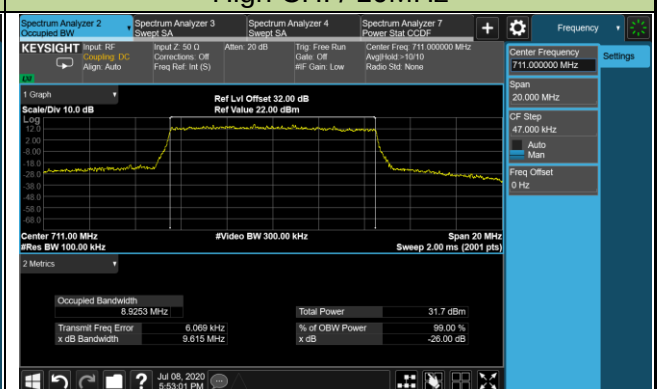
Low CH. / 10MHz



Mid CH. / 10MHz



High CH. / 10MHz



Product	Tablet	Test Site	SR5
Test Engineer	Candy Luo	Test Date	2020/07/09
Test Band	Band 13		

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
Lowest Channel			
779.5	5	4.47	4.93
782	10	8.92	9.69
Middle Channel			
782	5	4.45	4.91
782	10	8.92	9.69
High Channel			
784.5	5	4.48	4.86
782	10	8.92	9.66