



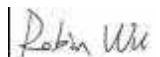
RF MEASUREMENT REPORT

FCC ID: XMR2023RG520NNA
Applicant: Quectel Wireless Solutions Co., Ltd
Product: 5G Sub-6 GHz LGA Module
Model No.: RG520N-NA
Brand Name: Quectel
FCC Rule Part(s): Part 2, 22 (H), 24 (E), 27
Test Procedure(s): ANSI C63.26: 2015
Result: Complies
Test Date: 2022-04-26 ~ 2022-07-22

Reviewed By:


Sunny Sun

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
2303RSU050-U7	Rev. 01	Initial Report	2023-04-24	Valid

Note: This application for certification is leveraging the data reuse procedures from KDB 484596 based on reference FCC ID: XMR2022RG520NNA to cover variant FCC ID: XMR2023RG520NNA, copied the MRT “2204RSU037-U1” report.

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1. General Information

1.1. Applicant

Quectel Wireless Solutions Co., Ltd

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233

1.2. Manufacturer

Quectel Wireless Solutions Co., Ltd

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233

1.3. Testing Facility

☒	Test Site - MRT Suzhou Laboratory
	Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China
	Laboratory Location (Suzhou - SIP) 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China
	Laboratory Accreditations
	A2LA: 3628.01 CNAS: L10551 FCC: CN1166 ISED: CN0001 VCCI: R-20025, G-20034, C-20020, T-20020
☐	Test Site - MRT Shenzhen Laboratory
	Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China
	Laboratory Accreditations
	A2LA: 3628.02 CNAS: L10551 FCC: CN1284 ISED: CN0105
☐	Test Site - MRT Taiwan Laboratory
	Laboratory Location (Taiwan) No. 38, Fuxing 2 nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
	Laboratory Accreditations
	TAF: L3261-190725 FCC: 291082, TW3261 ISED: TW3261

1.4. Product Information

Product Name	5G Sub-6 GHz LGA Module
Model No.	RG520N-NA
Brand Name	Quectel
IMEI	Conducted Measurement 1: 863109050007421 Conducted Measurement 2: 863109050005151 Radiated Measurement: 863109050007306
E-UTRA Band	Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 48, 66, 71
5G NR Band	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n48, n66, n71, n77, n78
Operating Temperature	-30 ~ 75 °C
Power Type	3.3 ~ 4.4Vdc, typical 3.8Vdc
Remark: The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.	

1.5. Radio Specification under Test

E-UTRA Specification	
FDD Tx Frequency Range	Band 2: 1850 ~ 1910 MHz; Band 4: 1710 ~ 1755 MHz Band 5: 824 ~ 849 MHz; Band 7: 2500 ~ 2570 MHz Band 12: 699 ~ 716 MHz; Band 13: 777 ~ 787 MHz Band 17: 704 ~ 716 MHz; Band 25: 1850 ~ 1915 MHz Band 26: 824 ~ 849 MHz; Band 66: 1710 ~ 1780 MHz Band 71: 663 ~ 698 MHz
FDD Rx Frequency Range	Band 2: 1930 ~ 1990 MHz; Band 4: 2110 ~ 2155 MHz Band 5: 869 ~ 894 MHz; Band 7: 2620 ~ 2690 MHz Band 12: 729 ~ 746 MHz; Band 13: 746 ~ 756 MHz Band 17: 734 ~ 746 MHz; Band 25: 1930 ~ 1995 MHz Band 26: 869 ~ 894 MHz; Band 66: 2110 ~ 2200 MHz Band 71: 617 ~ 652 MHz
TDD Tx & Rx Frequency Range	Band 38: 2570 ~ 2620 MHz; Band 41: 2496 ~ 2690 MHz;
Intra-Band	CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_66B, CA_66C
Modulation	UL up to 256QAM, DL up to 256QAM
Remark: 1. For other features of this EUT, test report will be issued separately. 2. LTE band 26 transmit frequency for part 90 rule is 814 ~ 824MHz and part 22 rule is 824 ~ 849MHz. ERP over 15MHz bandwidth complies the ERP limit line of part 22 rule, therefore ERP of the partial frequency spectrum which falls within part 22 also complies.	

1.6. Description of Available Antennas

Technology	Frequency Range (MHz)	Antenna Type	MaxPeak Gain (dBi)
LTE Band 2	1850 ~ 1910	Dipole	1.37
LTE Band 4	1710 ~ 1755		1.37
LTE Band 5	824 ~ 849		1.18
LTE Band 7	2500 ~ 2570		2.07
LTE Band 12	699 ~ 716		1.18
LTE Band 13	777 ~ 787		1.18
LTE Band 14	788 ~ 798		1.18
LTE Band 17	704~ 716		1.18
LTE Band 25	1850 ~ 1915		1.37
LTE Band 26	814~849		1.18
LTE Band 30	2305 ~ 2315		1.11
LTE Band 38	2570 ~ 2620		2.07
LTE Band 41	2496 ~ 2690		2.07
LTE Band 48	3550 ~ 3700		0.58
LTE Band 66	1710 ~ 1780		1.37
LTE Band 71	663 ~ 698		1.18

Note: All antenna information (Antenna type and Peak Gain) is provided by the manufacturer.

1.7. Test Methodology

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ANSI C63.26:2015
- FCC CFR 47 Part 2, Part 22, Part 24, Part 27
- FCC KDB 971168 D01 v03r01: Power Meas License Digital Systems
- FCC KDB 971168 D02 v02r01: Misc Rev Approv License Devices
- FCC KDB 412172 D01 v01r01: Determining ERP and EIRP

1.8. Device Capabilities

This device contains the following capabilities:

Working on LTE Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 48, 66, 71; Intra-band CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_48C, CA_66B, CA_66C LTE Module.

LTE Band 25 (1850 ~ 1915 MHz) overlaps the entire frequency range of LTE Band 2 (1850 ~ 1910 MHz). Therefore, test data provided in this report covers Band 2 as well as Band 25.

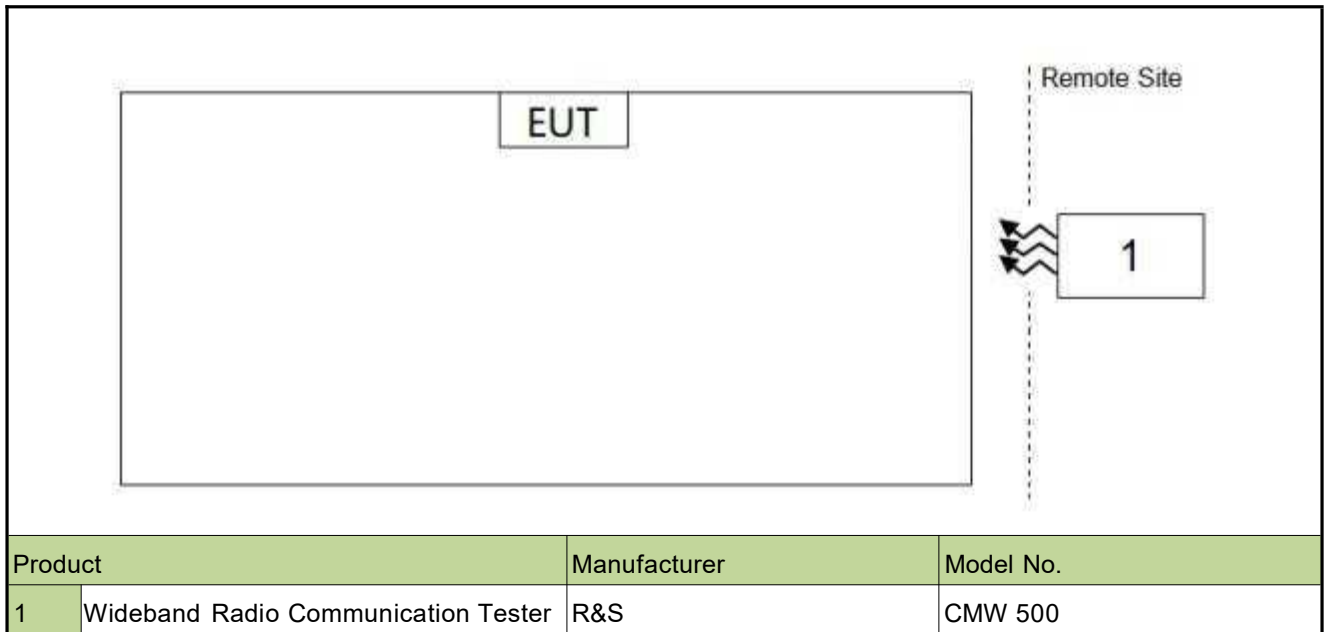
LTE Band 66 (1710 ~ 1780 MHz) overlaps the entire frequency range of LTE Band 4 (1710 ~ 1755 MHz). Therefore, test data provided in this report covers Band 4 as well as Band 66.

LTE Band 26 (814 ~ 849 MHz) overlaps the entire frequency range of LTE Band 5 (824 ~ 849 MHz). Therefore, test data provided in this report covers Band 5 as well as Band 26.

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. Test Configuration

2.1. Test System Connection Diagram



2.2. Test Environment Condition

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

3. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Signal Analyzer	Keysight	N9010B	MRTSUE07028	1 year	2022-12-09	SIP-SR1
Signal Analyzer	Keysight	N9010B	MRTSUE06559	1 year	2023-06-01	SIP-SR1
Signal Analyzer	Keysight	N9010B	MRTSUE06603	1 year	2022-10-31	SIP-SR1
Signal Analyzer	Keysight	N9020B	MRTSUE06604	1 year	2022-09-07	SIP-SR1
Communication Tester	R&S	CMU 200	MRTSUE06009	1 year	2022-09-07	SIP-SR1
Communication Tester	R&S	CMW500	MRTSUE06243	1 year	2022-10-10	SIP-SR1
Signal Generator	Keysight	E8257D	MRTSUE06453	1 year	2023-06-01	SIP-SR1
Thermohygrometer	testo	622	MRTSUE06629	1 year	2023-01-06	SIP-SR1
5G Wireless Test Platform	Keysight	E7515B	MRTSUE06903	1 year	2022-11-23	SIP-SR1
Signal Generator	Keysight	E8257D	MRTSUE06904	1 year	2022-11-23	SIP-SR1
DC POWER MODULE	Keysight	N6743B	MRTSUE06905	N/A	N/A	SIP-SR1
DC POWER MODULE	Keysight	N6743B	MRTSUE06906	N/A	N/A	SIP-SR1
Low-Profile Modular Power System Mainframe	Keysight	N6700C	MRTSUE06907	N/A	N/A	SIP-SR1
FR1 Switching Unit	Keysight	C8880A	MRTSUE06908	N/A	N/A	SIP-SR1
Signal Analyzer	Keysight	N9021B	MRTSUE06915	1 year	2022-12-29	SIP-SR1
Temperature Chamber	BAOYT	BYG-80CL	MRTSUE06932	1 year	2023-02-27	SIP-SR1
Shielding Room	MIX-BEP	SIP-SR1	MRTSUE06948	N/A	N/A	SIP-SR1
Millimeter-Wave Transceiver for 5G	Keysight	M1740A	MRTSUE06954	3 years	2024-06-02	SIP-SR1
Millimeter-Wave Transceiver for 5G	Keysight	M1740A	MRTSUE06955	3 years	2024-06-02	SIP-SR1
5G Wireless Test Platform	Keysight	E7515B	MRTSUE06956	1 year	2023-06-01	SIP-SR1
Common Interface Unit	Keysight	E7770A	MRTSUE06957	N/A	N/A	SIP-SR1
USB Power Sensor	Keysight	U8488A	MRTSUE06958	1 year	2022-07-08	SIP-SR1
Directional Coupler	ar	DC7200A	MRTSUE06147	N/A	N/A	SIP
Directional Coupler	ar	DC6080A	MRTSUE06148	N/A	N/A	SIP-SR1
Directional Coupler	narda	4226-10	MRTSUE06564	1 year	2022-10-11	SIP-SR1
Directional Coupler	PULSAR	CS10-23-436/20	MRTSUE06846	1 year	2023-06-02	SIP-SR1
Directional Coupler	PULSAR	CS10-23-436/20	MRTSUE06848	1 year	2023-06-02	SIP-SR1
Attenuator	MVE	MVE2213	MRTSUE11055	1 year	2023-06-09	SIP-SR1
Attenuator	MVE	MVE2213	MRTSUE11056	1 year	2023-06-09	SIP-SR1
Attenuator	MVE	MVE2213	MRTSUE11057	1 year	2023-06-09	SIP-SR1
Attenuator	MVE	MVE2213	MRTSUE11058	1 year	2023-06-09	SIP-SR1
Attenuator	MVE	MVE2213	MRTSUE11059	1 year	2023-06-09	SIP-SR1



Attenuator	MVE	MVE2213	MRTSUE11060	1 year	2023-06-09	SIP-SR1
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Software	Version	Function
EMI Software	V3.0.0	EMI Test Software

4. Decision Rules and Measurement Uncertainty

4.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2.
(Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

4.2. 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 Spurious Emissions
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
Conducted Spurious Emissions
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%
Frequency Stability
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 76.2Hz

5. Test Result

5.1. Summary

FCC Part Section(s)	Test Description	Test Condition	Test Result	Reference
2.1049	Occupied Bandwidth	Conducted	Pass	Section 5.2
2.1055, 22.355 24.235, 27.54	Frequency Stability		Pass	Section 5.3
22.913(a)(5) 27.50(b)(9), (c)(9), (c)(10)	Equivalent Radiated Power (Band 5/2612, 13, 17, 71)		Pass	Section 5.4
24.232(c) 27.50(h)(2), (d)(4)	Equivalent Isotropic Radiated Power (Band 2/25, 7, 38/41, 4/66)		Pass	Section 5.6
24.232(d), 27.50(d)(5)	Peak to Average Ratio		Pass	Section 5.6
2.1051, 22.917(a) 24.238(a), 27.53(c), (g), (h), (m)	Band Edge		Pass	Section 5.5, 5.7
2.1051, 22.917(a) 24.238(a) 27.53(c), (g), (h), (m)	Spurious Emission		Pass	Section 5.8
2.1051, 22.917(a) 24.238(a) 27.53(c), (g), (h), (m)	Spurious Emissions	Radiated	Pass	Section 5.8

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, Channel Band Edge, Conducted Spurious Emission, Radiated Spurious Emission (include the Intr-Band CA Mode) were presented the worst-case in the test report.

5.2. Occupied Bandwidth Measurement

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.

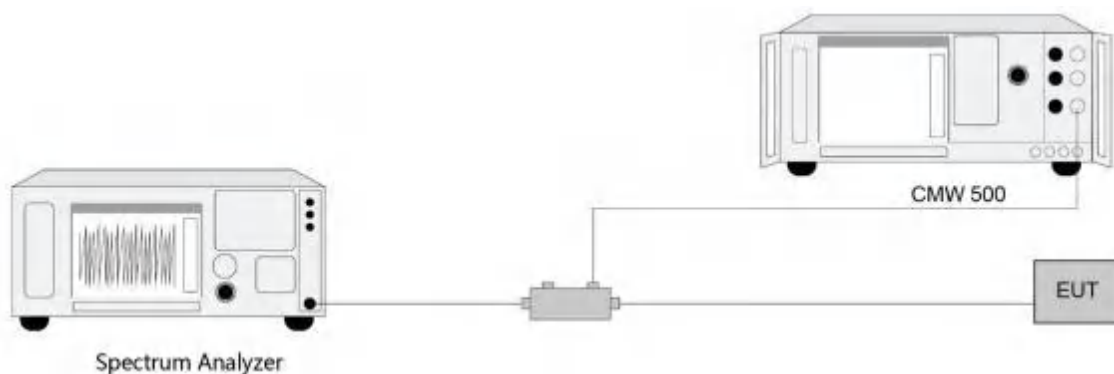
5.2.2. Test Procedure

ANSI C63.26-2015 - Section 5.4

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

Refer to Appendix A.1.

5.3. Frequency Stability Measurement

5.3.1. Test Limit

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

5.3.2. Test Procedure

ANSI C63.26-2015 - Section 5.6

5.3.3. Test Setting

Frequency Stability Under Temperature Variations:

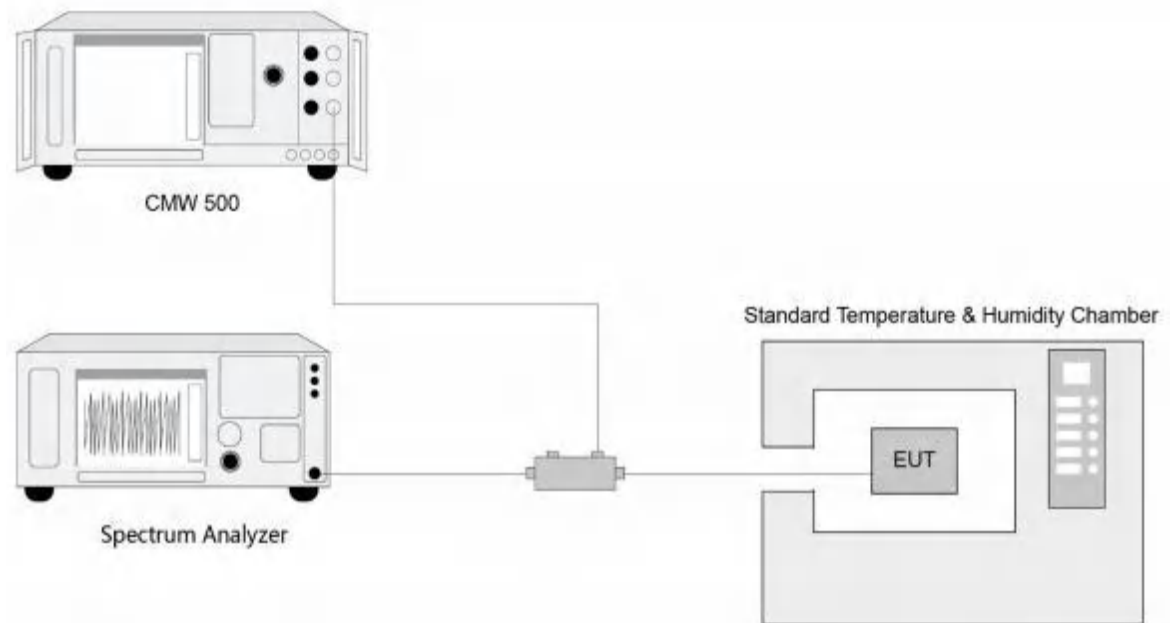
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

5.3.4. Test Setup



5.3.5. Test Result

Refer to Appendix A.2.

5.4. Equivalent Isotropically Radiated Power Measurement

5.4.1. Test Limit

Band 5/26:

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

Band 12, 13, 17

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

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

Band 71

Fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

Band 2/25, 7, 38/41:

Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

Band 4/66:

Fixed, mobile stations operating in the 1710-1755 MHz band and mobile in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

5.4.2. Test Procedure

ANSI C63.26-2015 - Section 5.2

5.4.3. Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_T$$

where

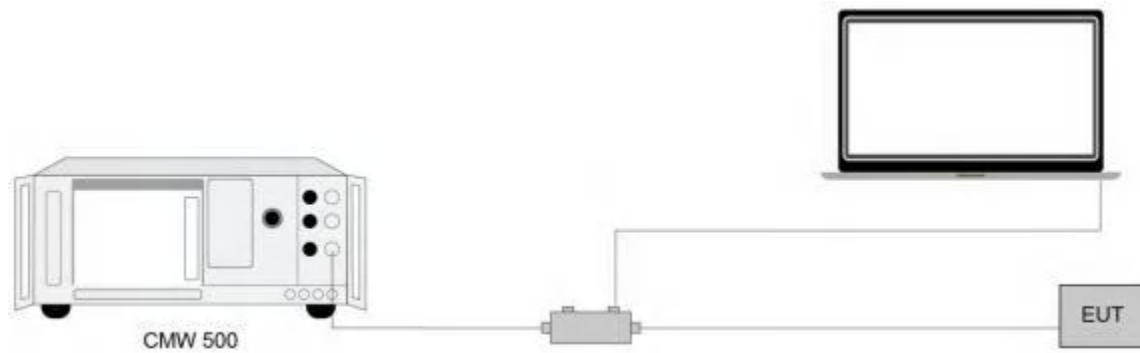
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas} , e.g., dBm or dBW)

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

G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

$$ERP = EIRP - 2.15$$

5.4.4. Test Setup



5.4.5. Test Result

Refer to Appendix A.3.

5.5. Band Edge Measurement

5.5.1. Test Limit

22.917(a), 24.238 (a), 27.53 (g) (h)

For operations in the 824 ~ 849 MHz, 1850 ~ 1910 MHz, 1930 ~ 1990 MHz, 600MHz & 698 ~ 746 MHz and 1710 ~ 1755 MHz, the FCC limit is $43 + 10\log_{10}(P_{\text{Watts}})$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is $43 + 10\log_{10}(P_{\text{Watts}})$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 Hz shall be attenuated below the transmitter power, P (dBW), by at least $65 + 10 \log_{10} (P_{\text{Watts}})$, dB, for mobile and portable equipment.

27.53(m)(4)

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

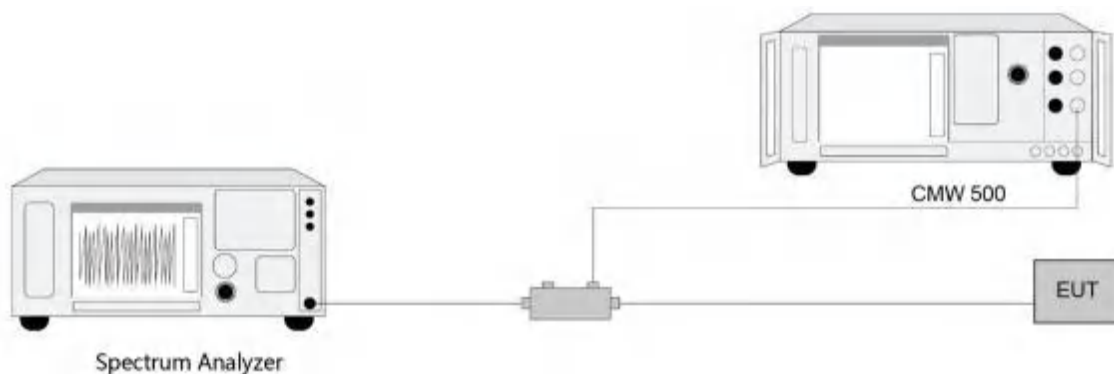
5.5.2. Test Procedure

ANSI C63.26-2015 - Section 5.7

5.5.3. Test Setting

1. Set the analyzer frequency to low or high channel
2. $RBW \geq$ The nominal RBW shall be in the range of 1% of the anticipated OBW (in the 1MHz band immediately outside and adjacent to the band edge). For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth. This integration should be performed using the spectrum analyzer's band power functions.
3. $VBW \geq 3 \cdot RBW$
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to "free run."
7. User gate triggered such that the analyzer only sweeps when the device is transmitting at full power
8. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.

5.5.4. Test Setup



5.5.5. Test Result

Refer to Appendix A.4.

5.6. Peak to Average Ratio Measurement

5.6.1. Test Limit

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

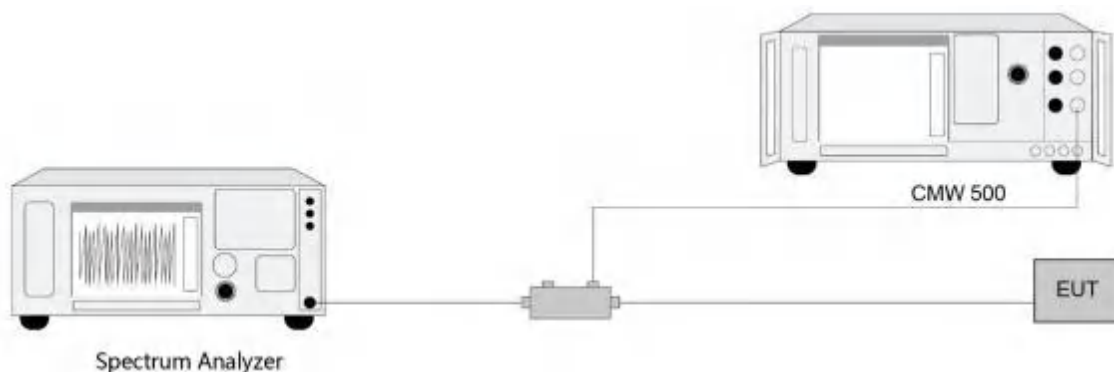
5.6.2. Test Procedure

ANSI C63.26-2015 - Section 5.2.3.4 (CCDF).

5.6.3. Test Setting

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

5.6.4. Test Setup



5.6.5. Test Result

Refer to Appendix A.5

5.7. Conducted Spurious Emissions Measurement

5.7.1. Test Limit

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

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

For Band 7, 38/41 the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB.

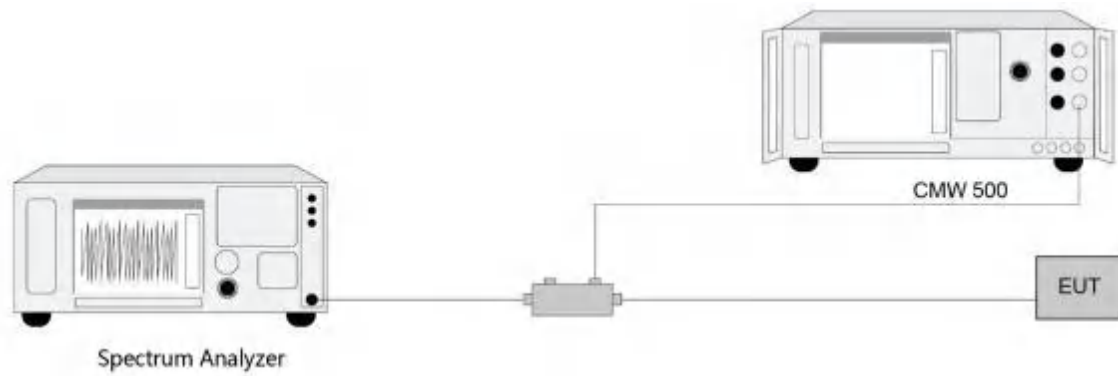
5.7.2. Test Procedure

ANSI C63.26-2015 - Section 5.7

5.7.3. Test Setting

1. Set the analyzer frequency to low, mid, high channel.
2. RBW = 1MHz
3. VBW $\geq 3 \times$ RBW
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to "free run."
7. User gate triggered such that the analyzer only sweeps when the device is transmitting at full power.
8. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.

5.7.4. Test Setup



5.7.5. Test Result

Refer to Appendix A.6

5.8. Radiated Spurious Emissions Measurement

5.8.1. Test Limit

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

For Band 7, 38/41, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB. The emission limit equal to -25dBm.

For LTE Band 13, For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz (-40dBm/MHz) equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW (-50dBm) EIRP for discrete emissions of less than 700 Hz bandwidth.

$E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20 \log D + 104.8$; where D is the measurement distance in meters. The emission limit equal to 82.3dB μ V/m or 70.3dB μ V/m.

5.8.2. Test Procedure

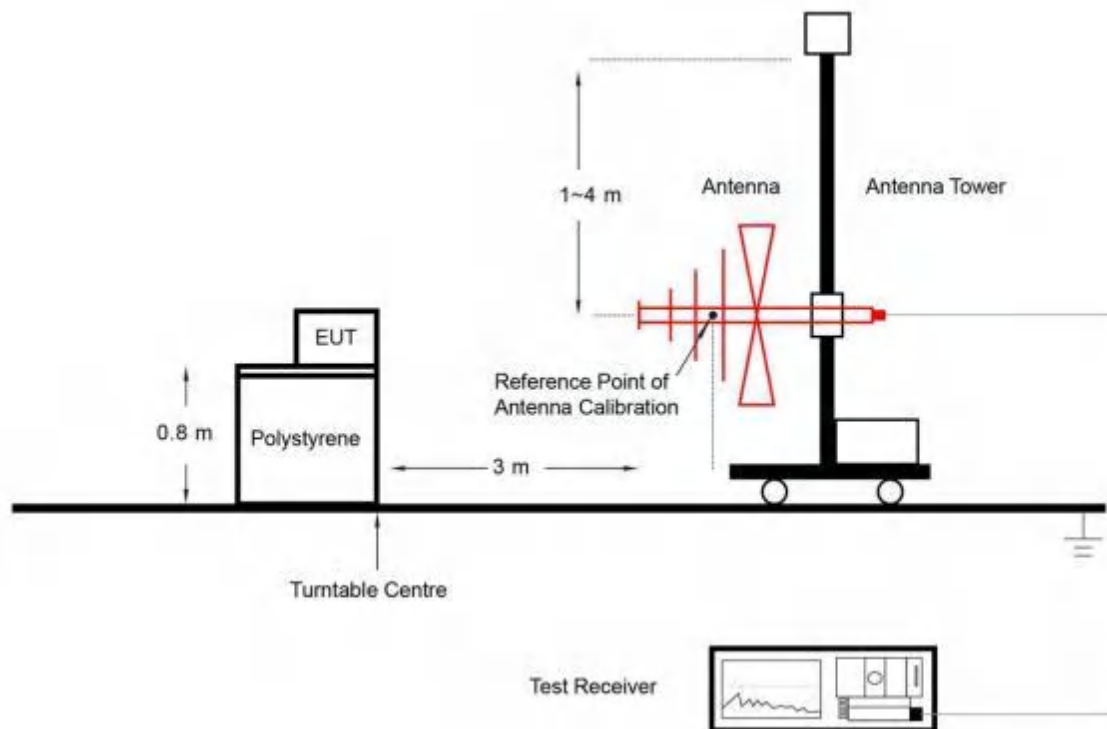
ANSI C63.26-2015 - Section 5.2.7 & 5.5

5.8.3. Test Setting

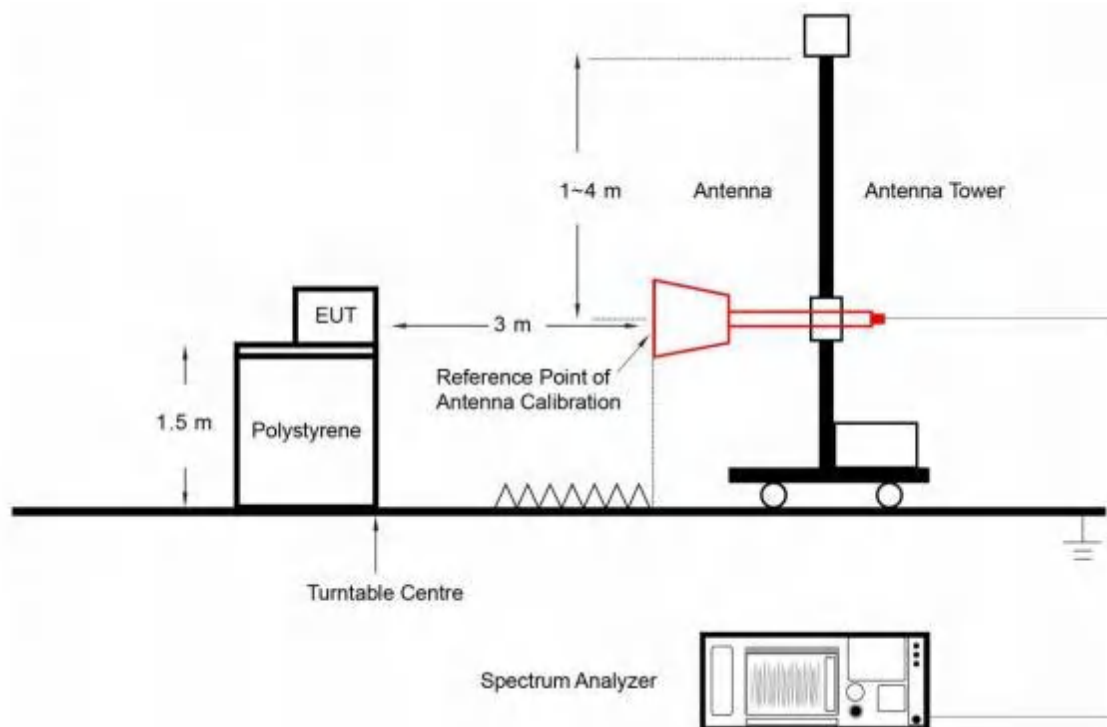
1. RBW = 1MHz
2. VBW $\geq 3 \times$ RBW
3. Sweep time $\geq 10 \times$ (number of points in sweep) $\times$ (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

5.8.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:





5.8.5. Test Result

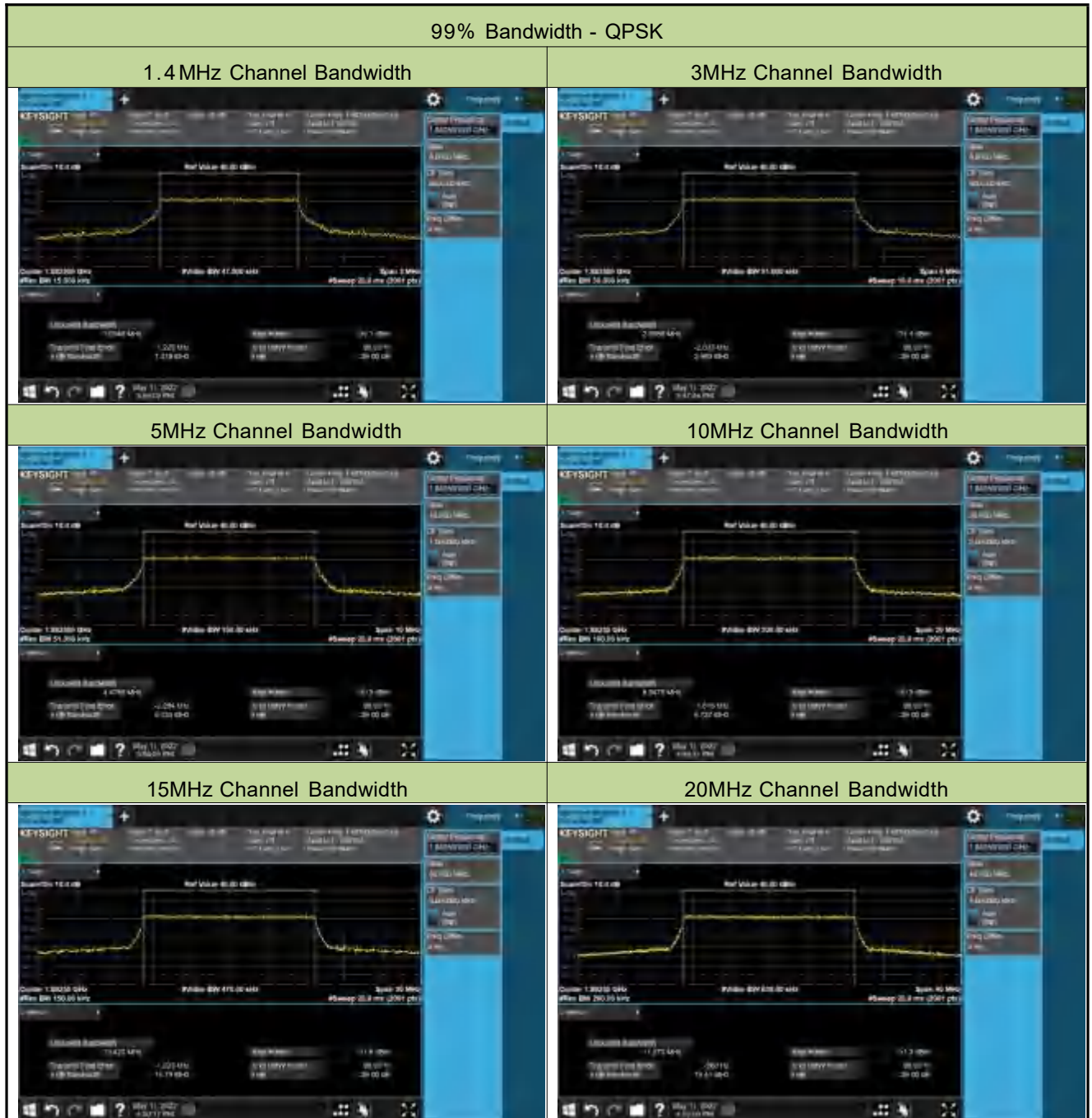
Refer to Appendix A.7.

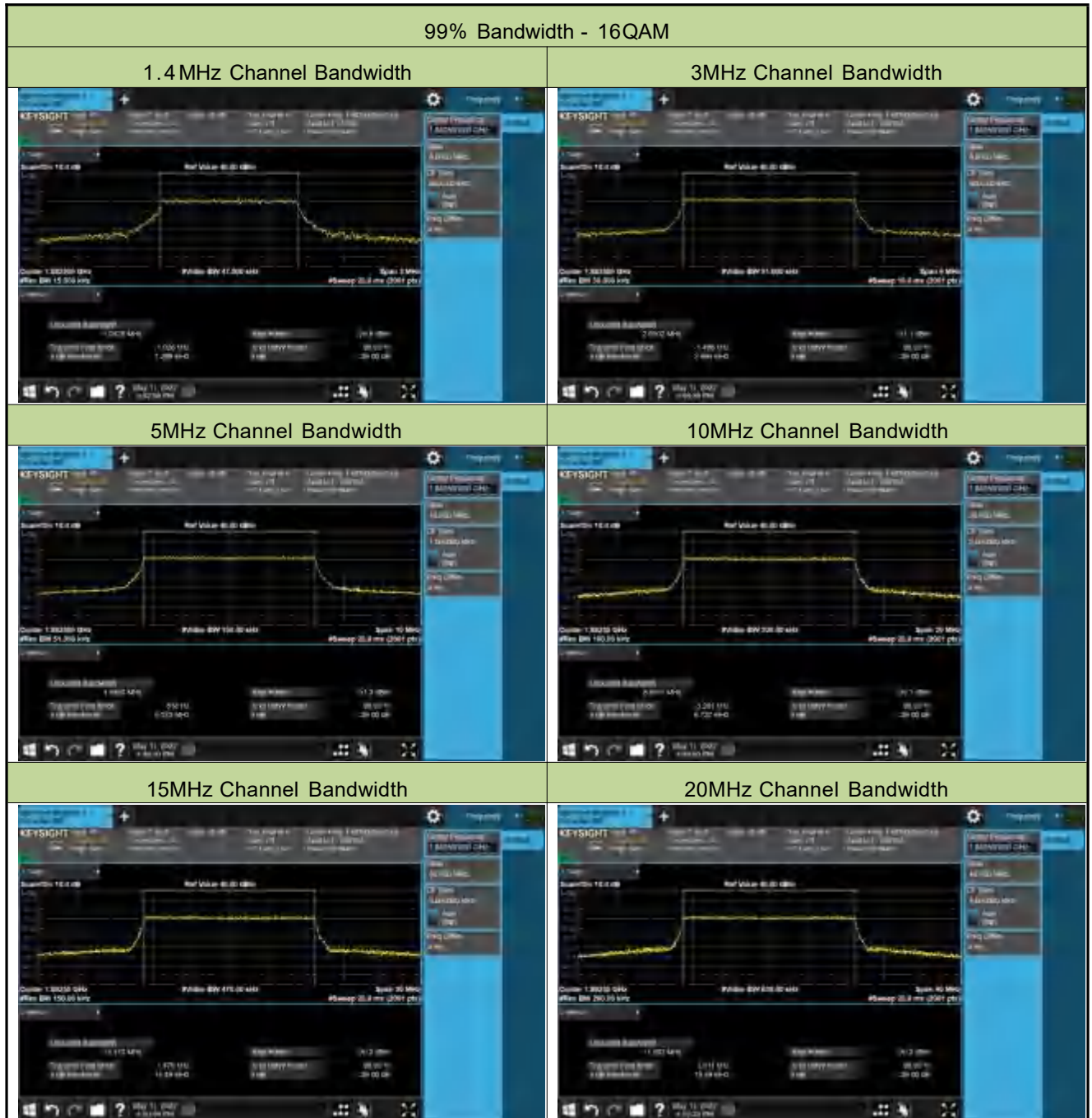
Appendix A - Test Result

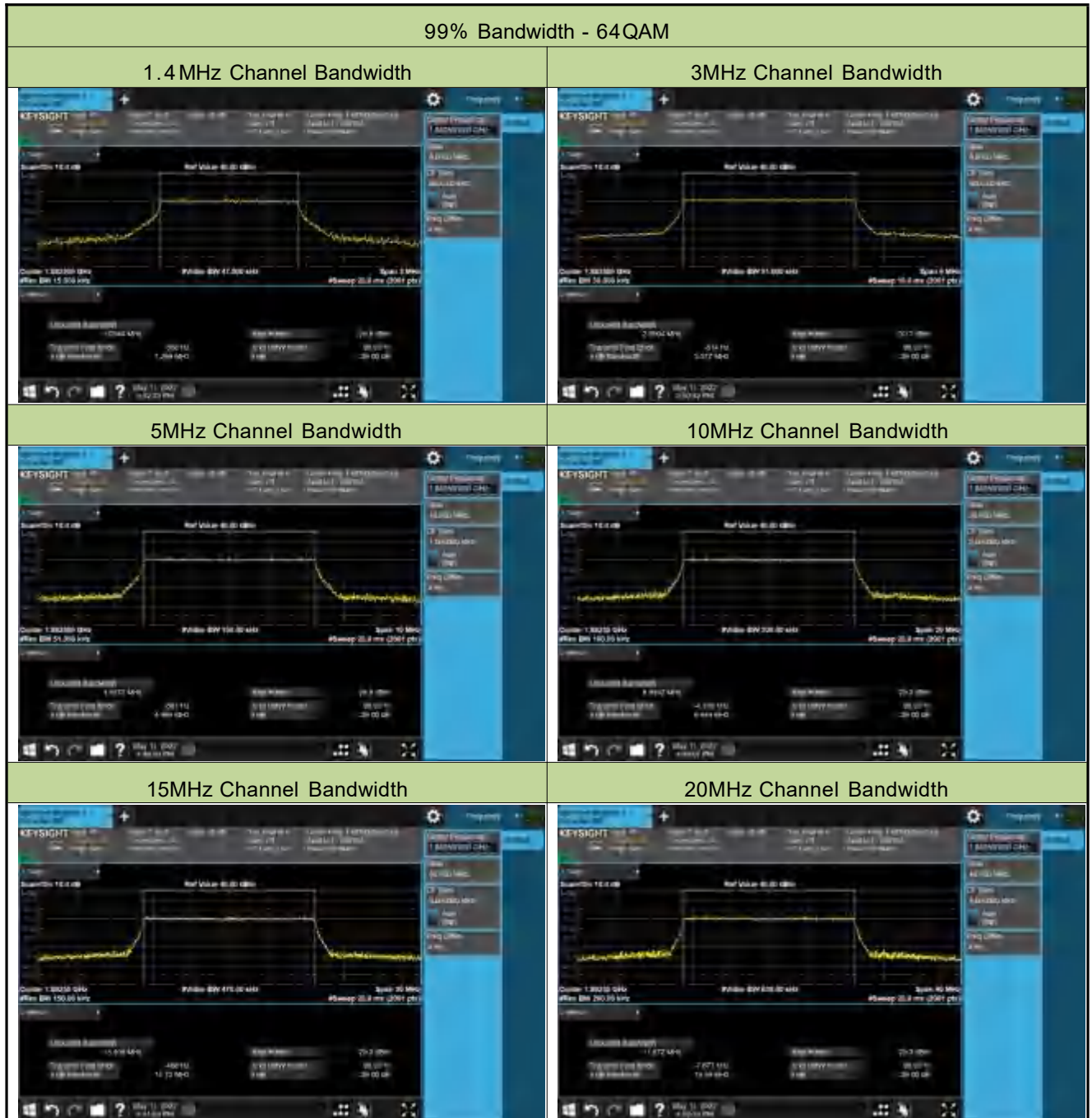
A.1 Occupied Bandwidth Test Result

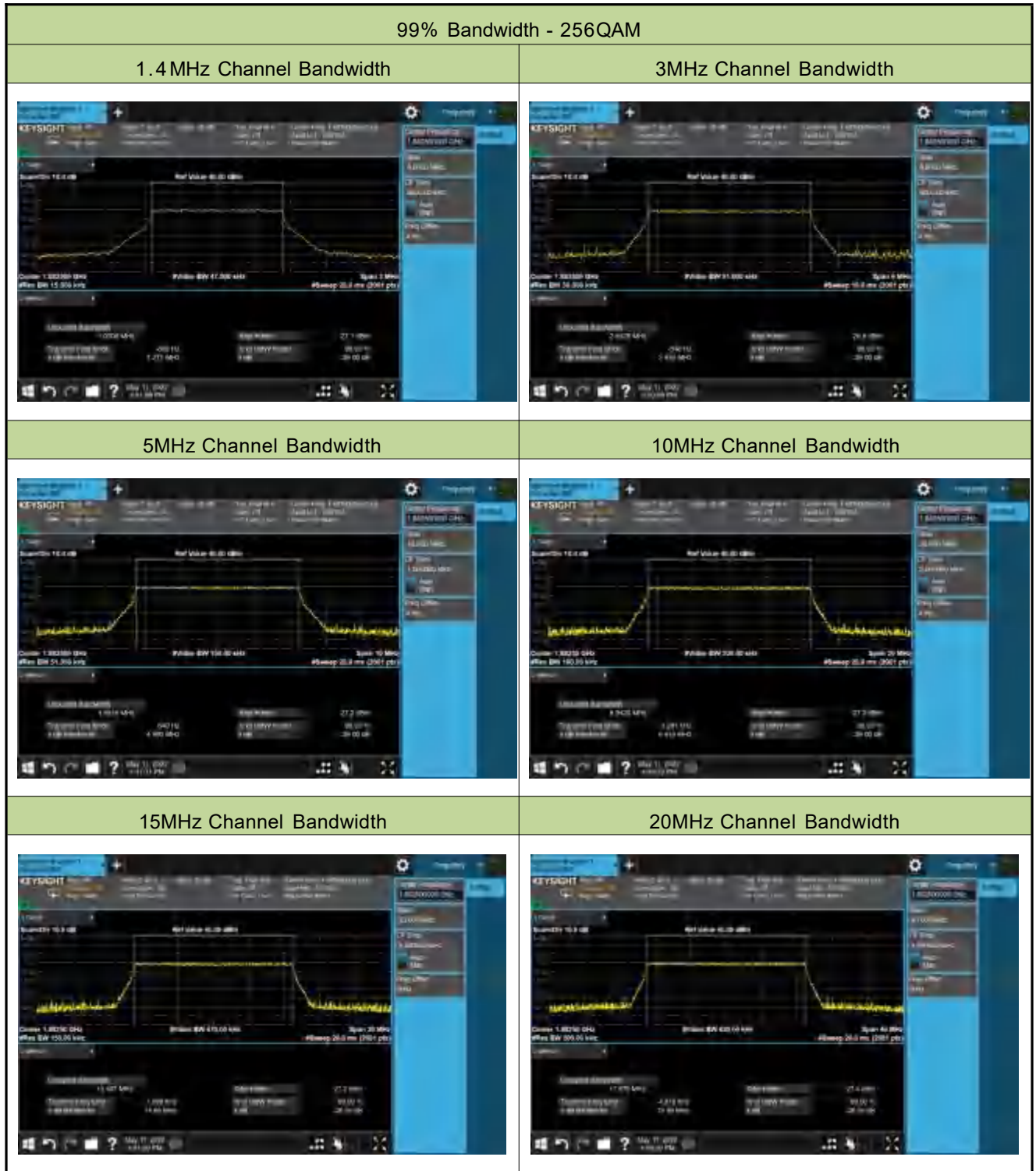
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11	Test Band	Band 2/25

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
1882.5	1.4	1.08
	3	2.69
	5	4.48
	10	8.95
	15	13.42
	20	17.87
16QAM		
1882.5	1.4	1.08
	3	2.69
	5	4.49
	10	8.95
	15	13.41
	20	17.89
64QAM		
1882.5	1.4	1.08
	3	2.69
	5	4.48
	10	8.95
	15	13.41
	20	17.87
256QAM		
1882.5	1.4	1.08
	3	2.68
	5	4.48
	10	8.94
	15	13.41
	20	17.88





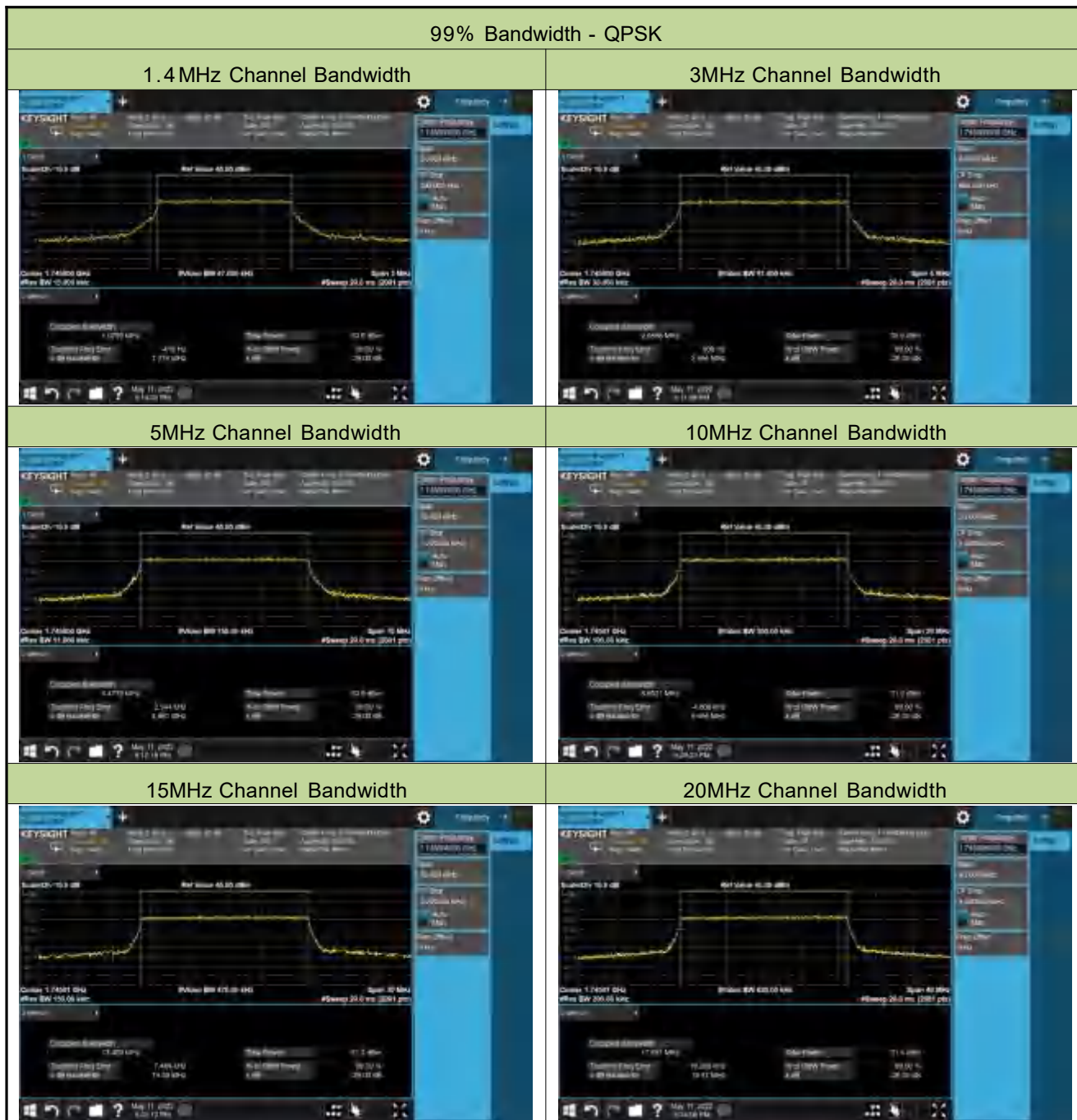


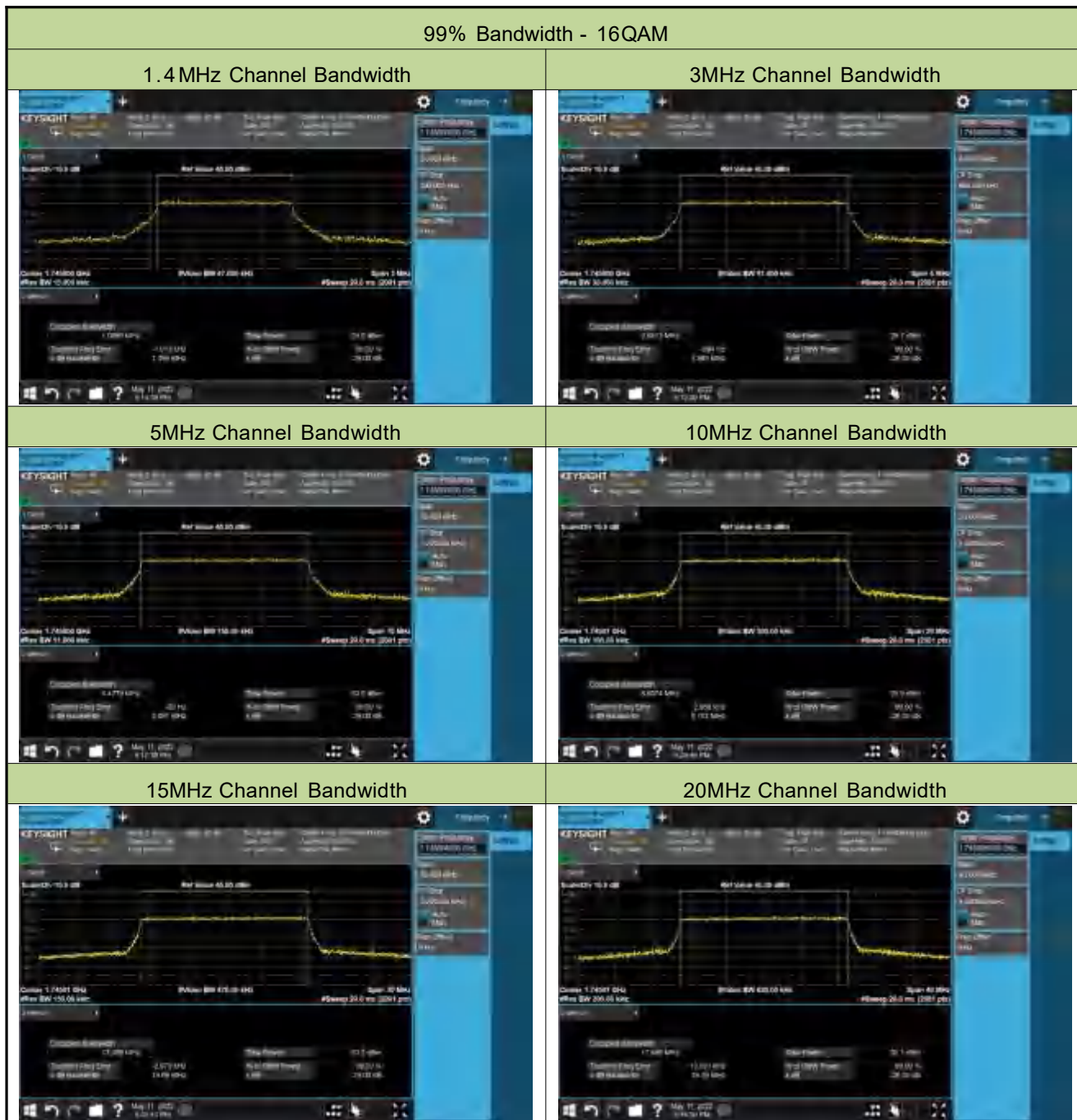


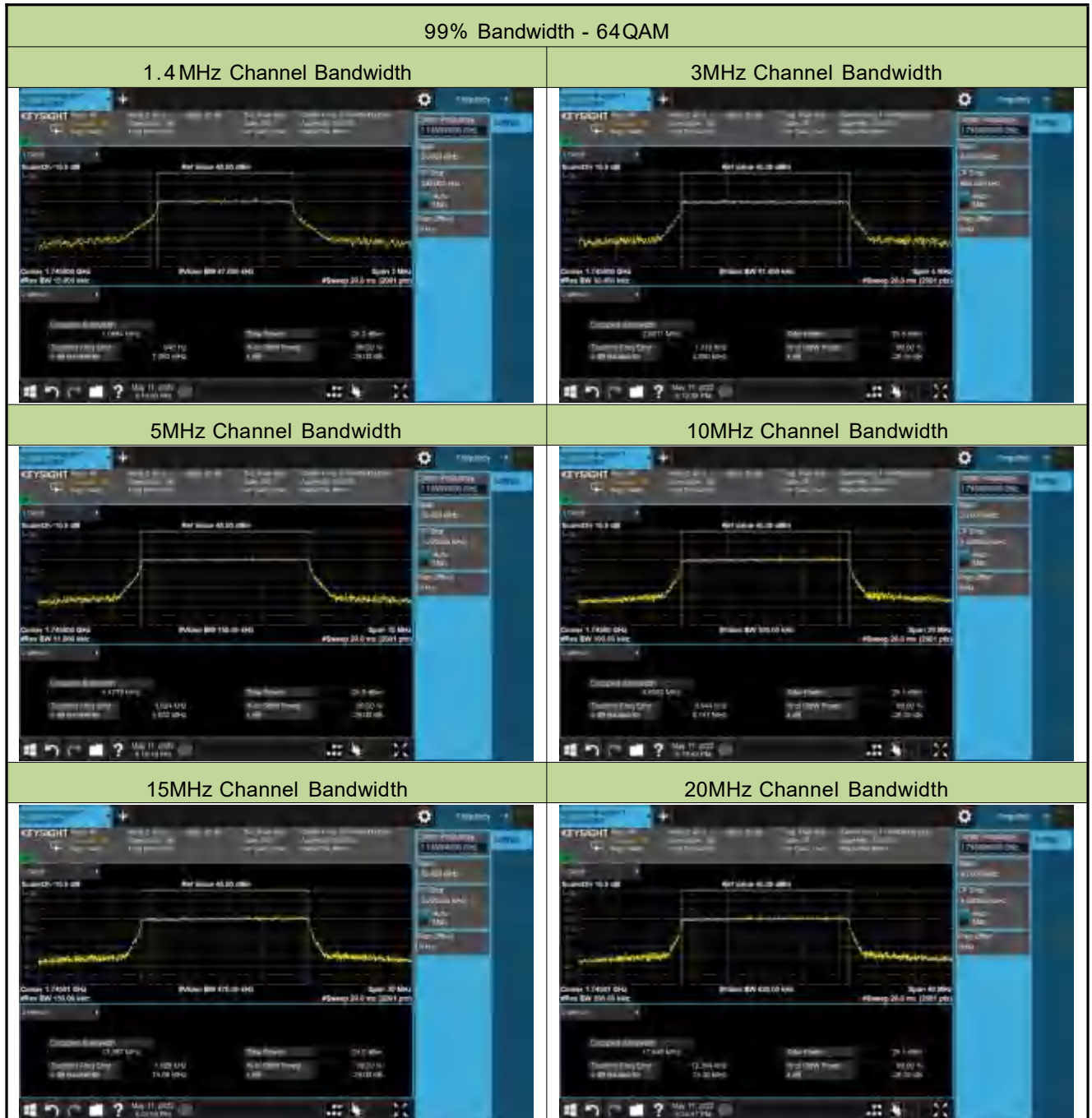


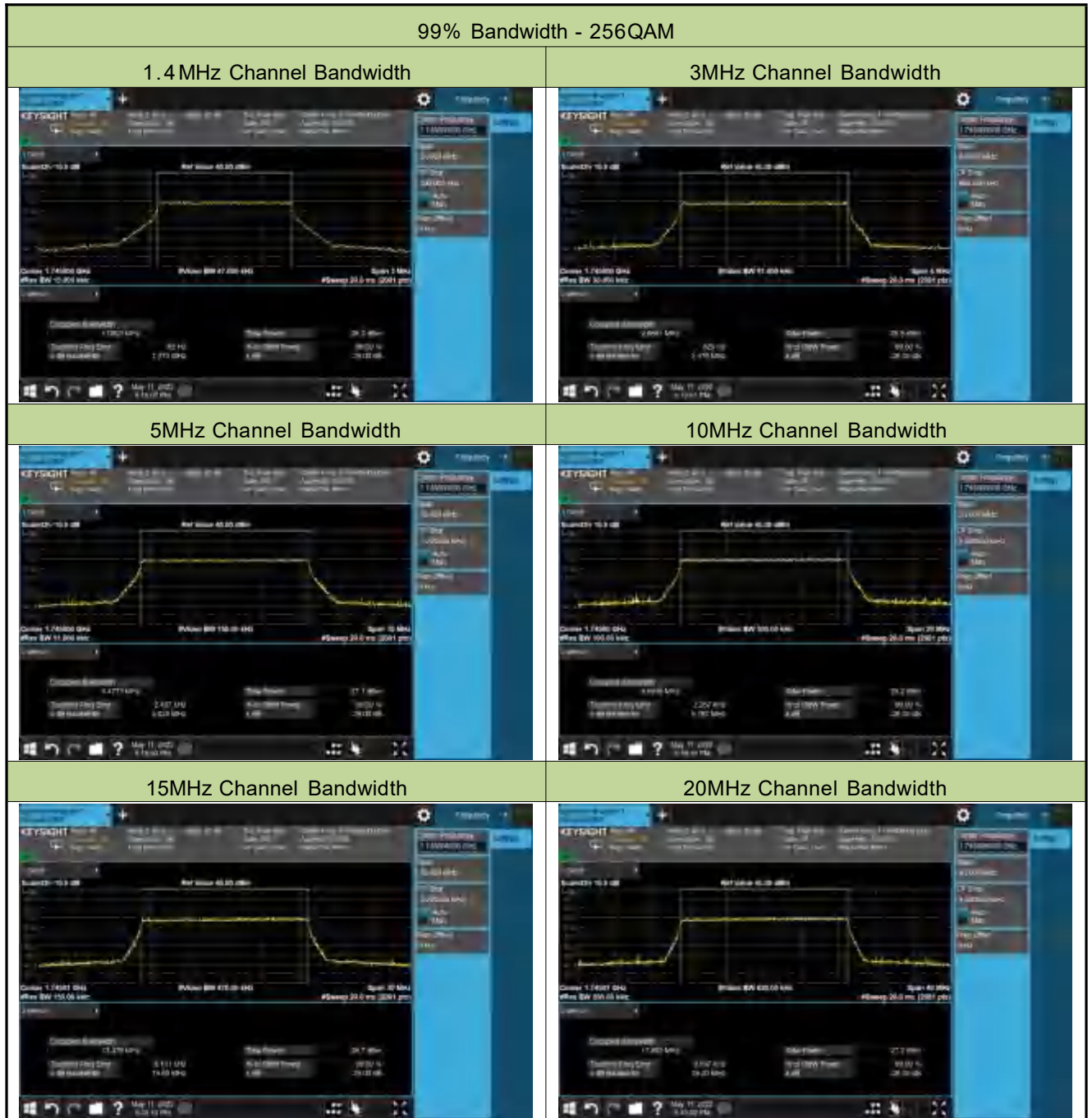
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11	Test Band	Band 4/66

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
1745.0	1.4	1.08
	3	2.69
	5	4.47
	10	8.93
	15	13.40
	20	17.85
16QAM		
1745.0	1.4	1.09
	3	2.68
	5	4.48
	10	8.94
	15	13.39
	20	17.89
64QAM		
1745.0	1.4	1.09
	3	2.68
	5	4.48
	10	8.94
	15	13.39
	20	17.85
256QAM		
1745.0	1.4	1.08
	3	2.69
	5	4.48
	10	8.93
	15	13.38
	20	17.86





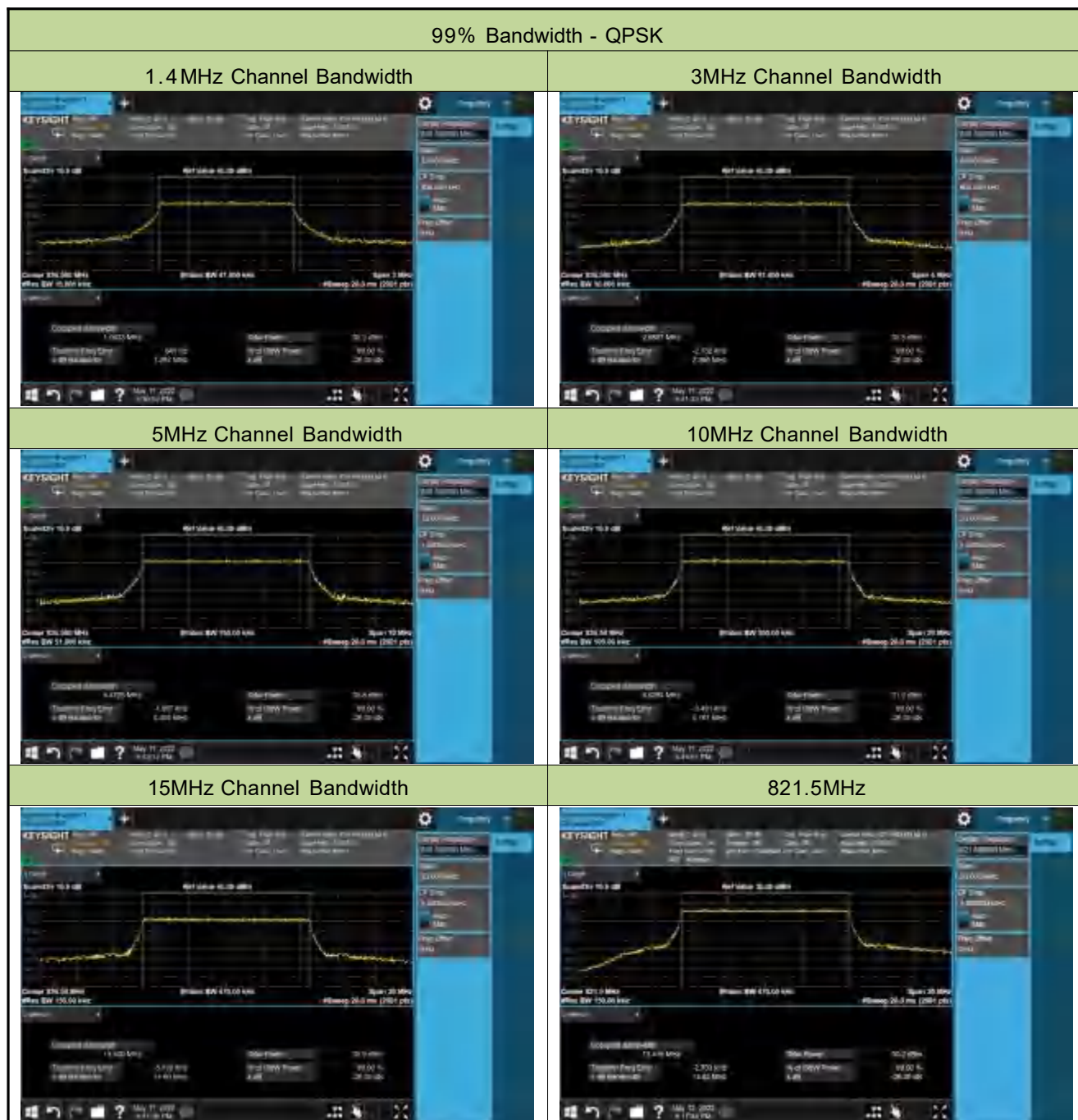


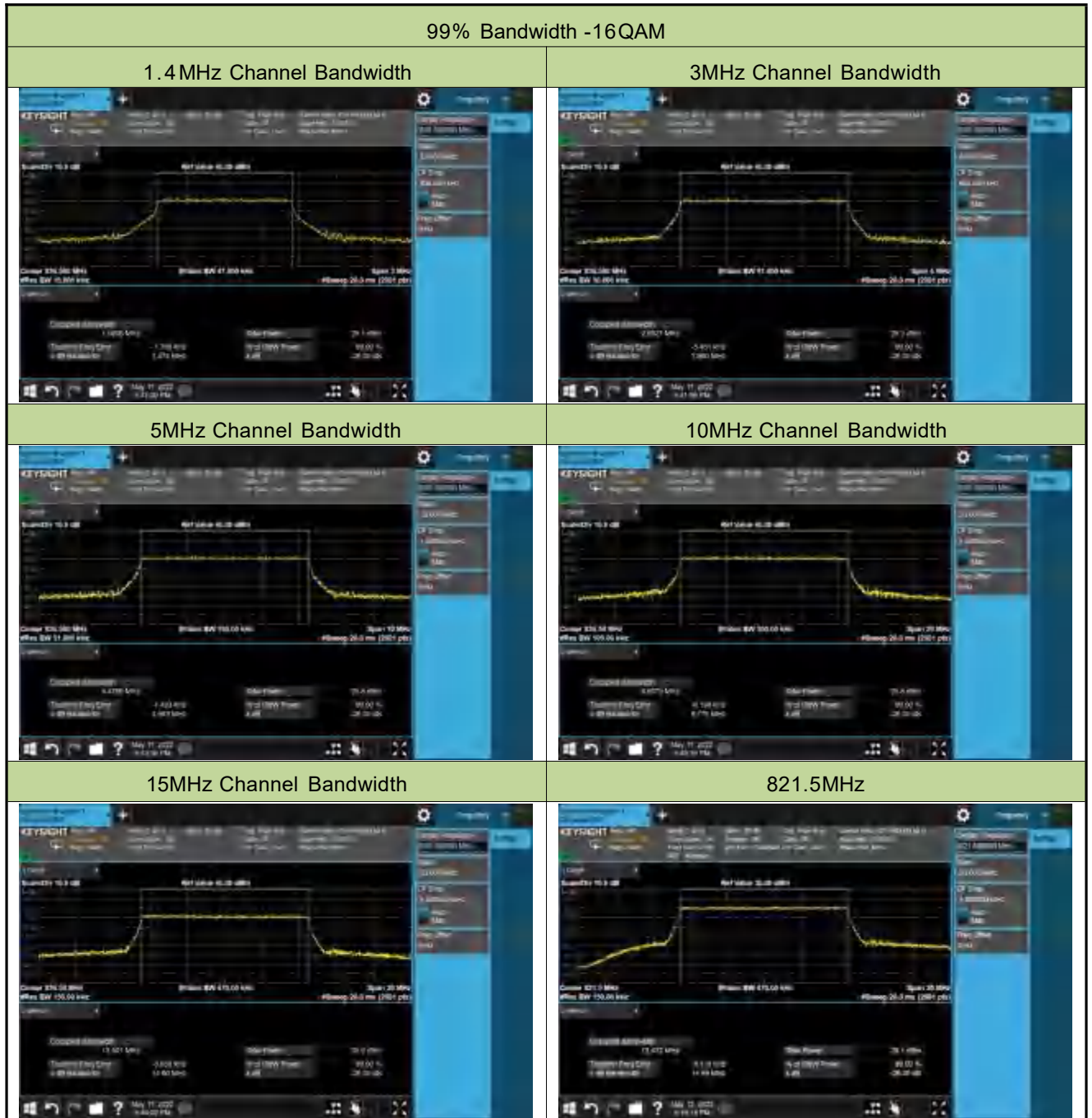


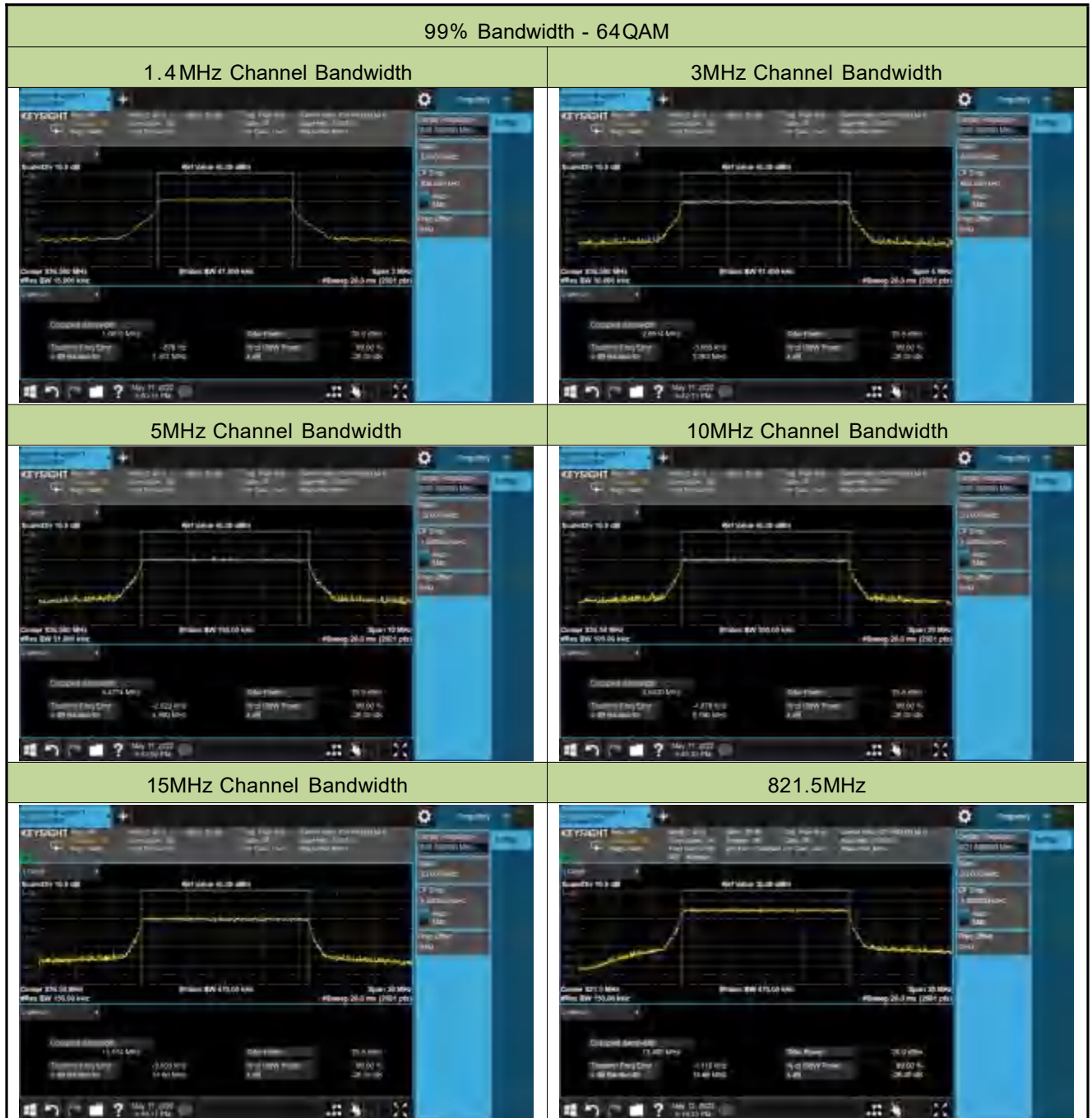


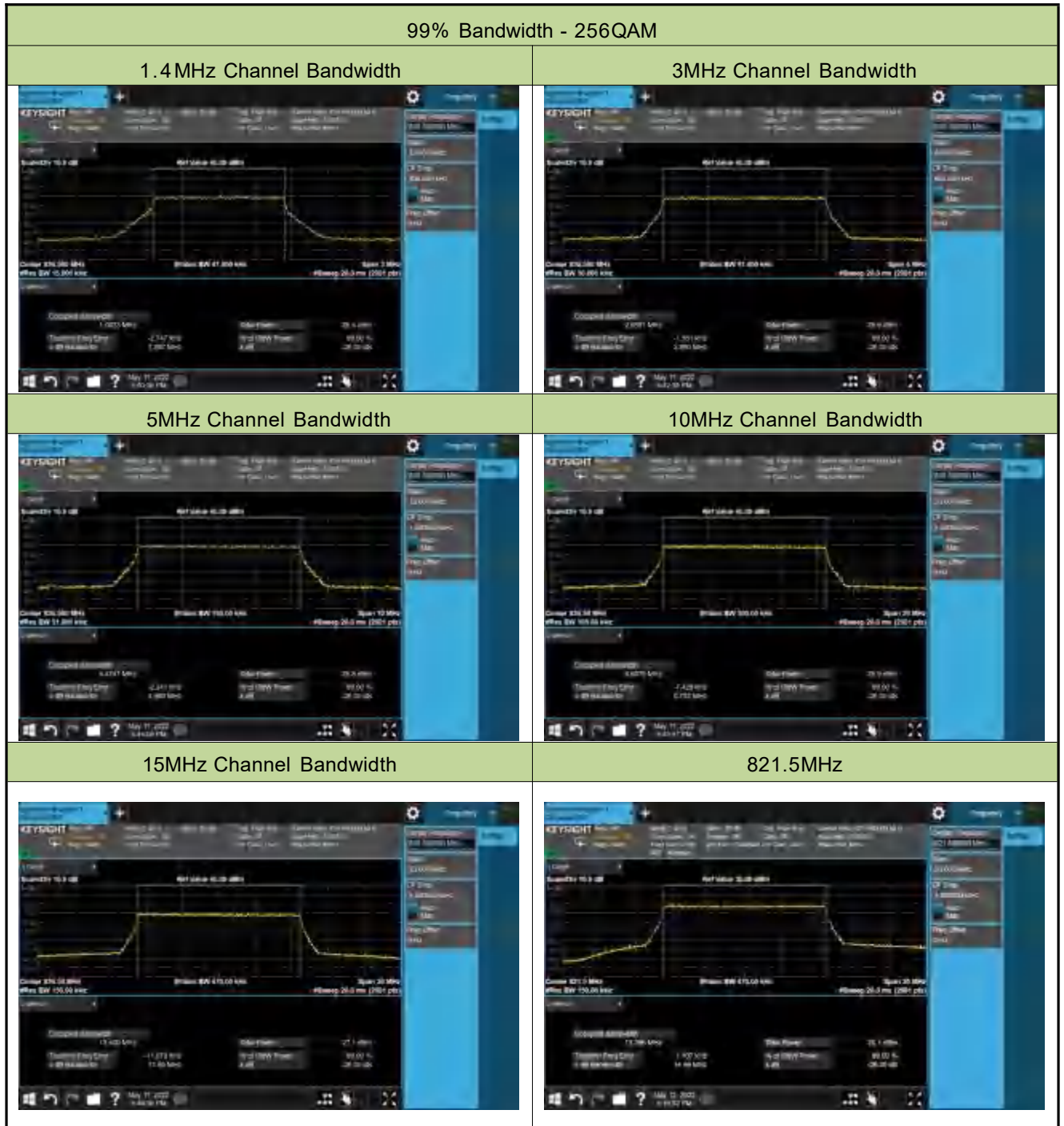
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11 ~ 2022/05/12	Test Band	Band 5/26

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
836.5	1.4	1.08
	3	2.69
	5	4.47
	10	8.93
	15	13.40
821.5	15	13.42
16QAM		
836.5	1.4	1.08
	3	2.69
	5	4.48
	10	8.94
	15	13.40
821.5	15	13.41
64QAM		
836.5	1.4	1.08
	3	2.69
	5	4.48
	10	8.94
	15	13.41
821.5	15	13.41
256QAM		
836.5	1.4	1.08
	3	2.69
	5	4.47
	10	8.94
	15	13.40
821.5	15	13.40





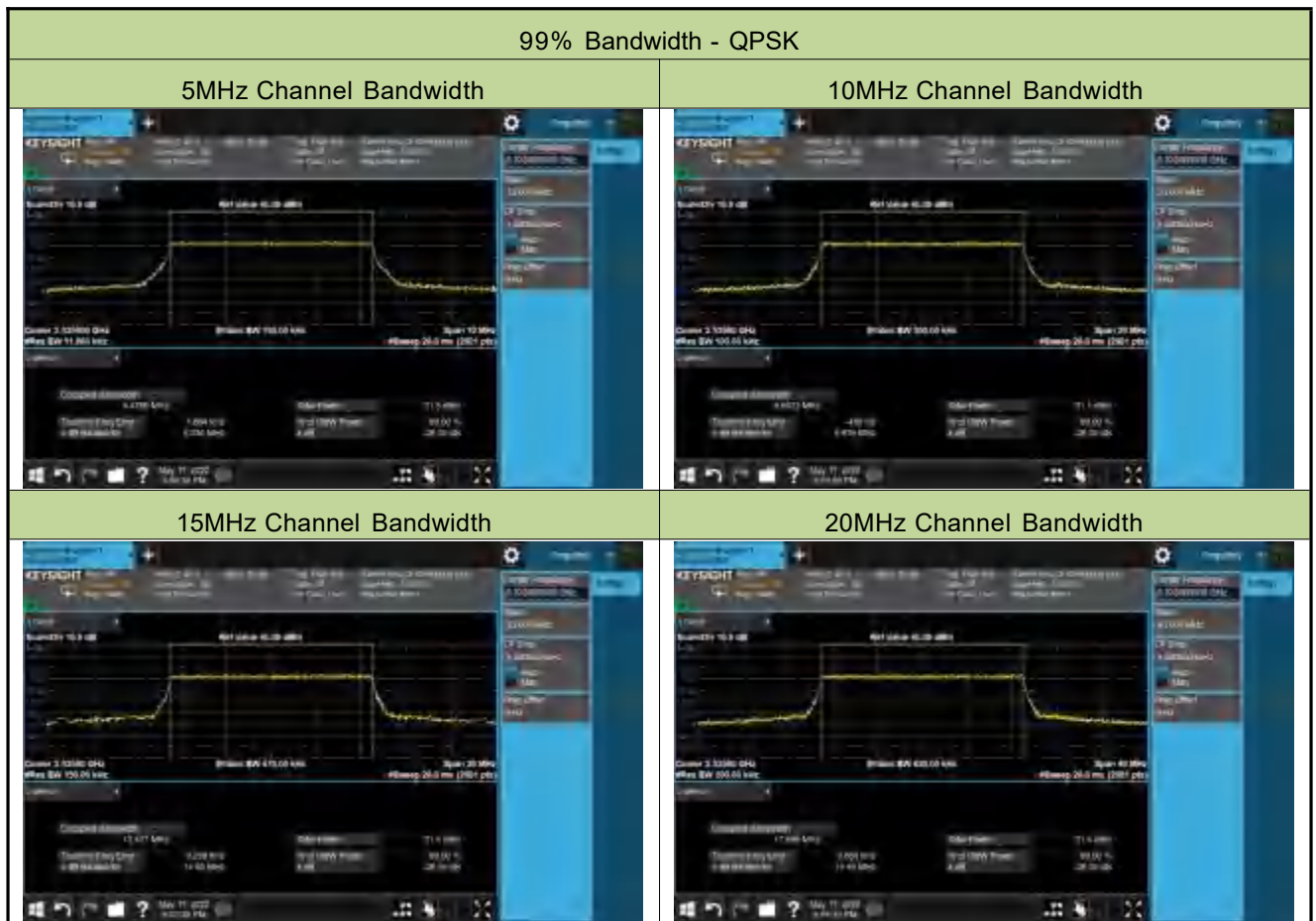


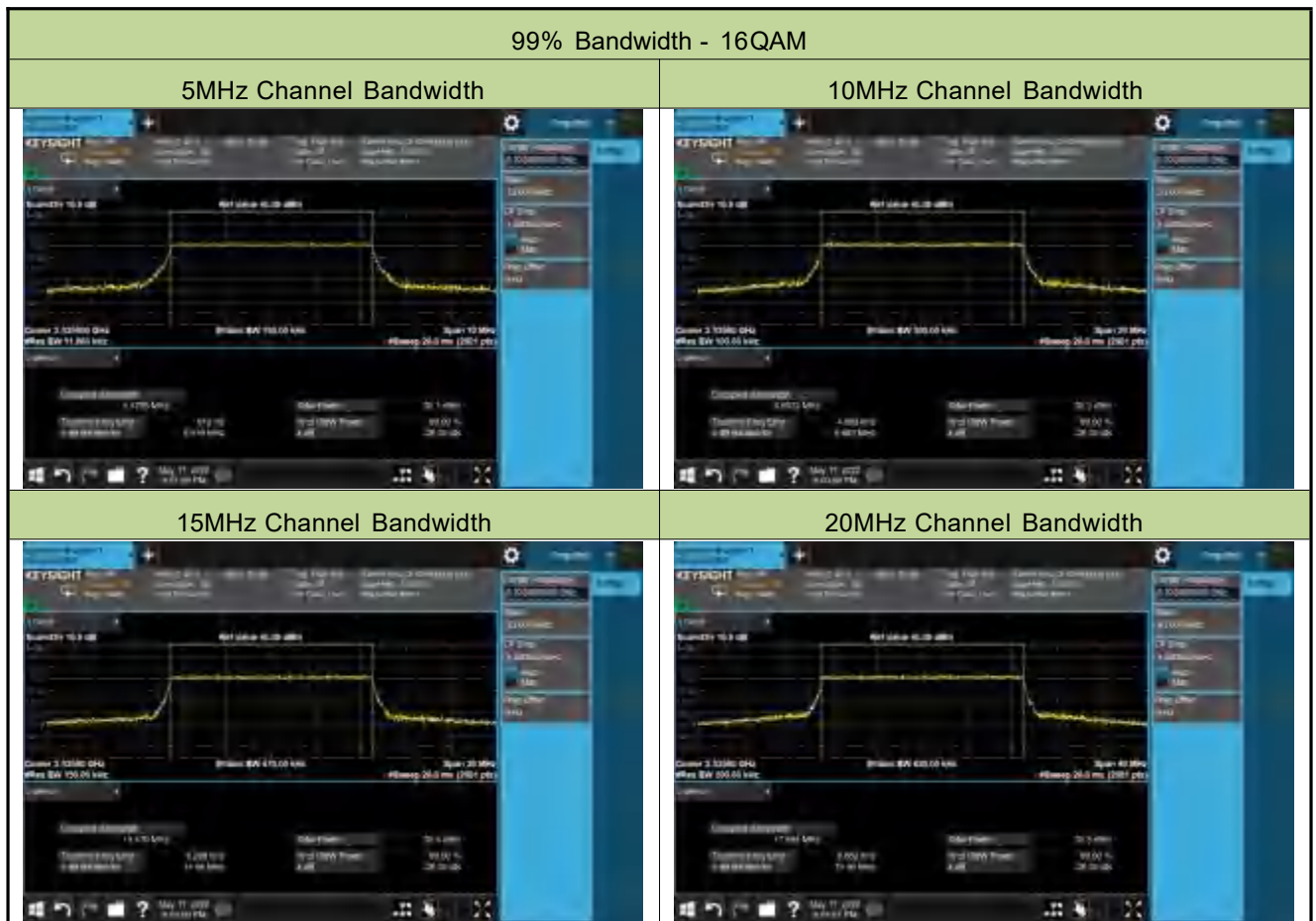




Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11	Test Band	LTE Band 7

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
2535.0	5	4.48
	10	8.93
	15	13.42
	20	17.86
16QAM		
2535.0	5	4.47
	10	8.95
	15	13.41
	20	17.88
64QAM		
2535.0	5	4.48
	10	8.94
	15	13.40
	20	17.86
256QAM		
2535.0	5	4.48
	10	8.95
	15	13.41
	20	17.87





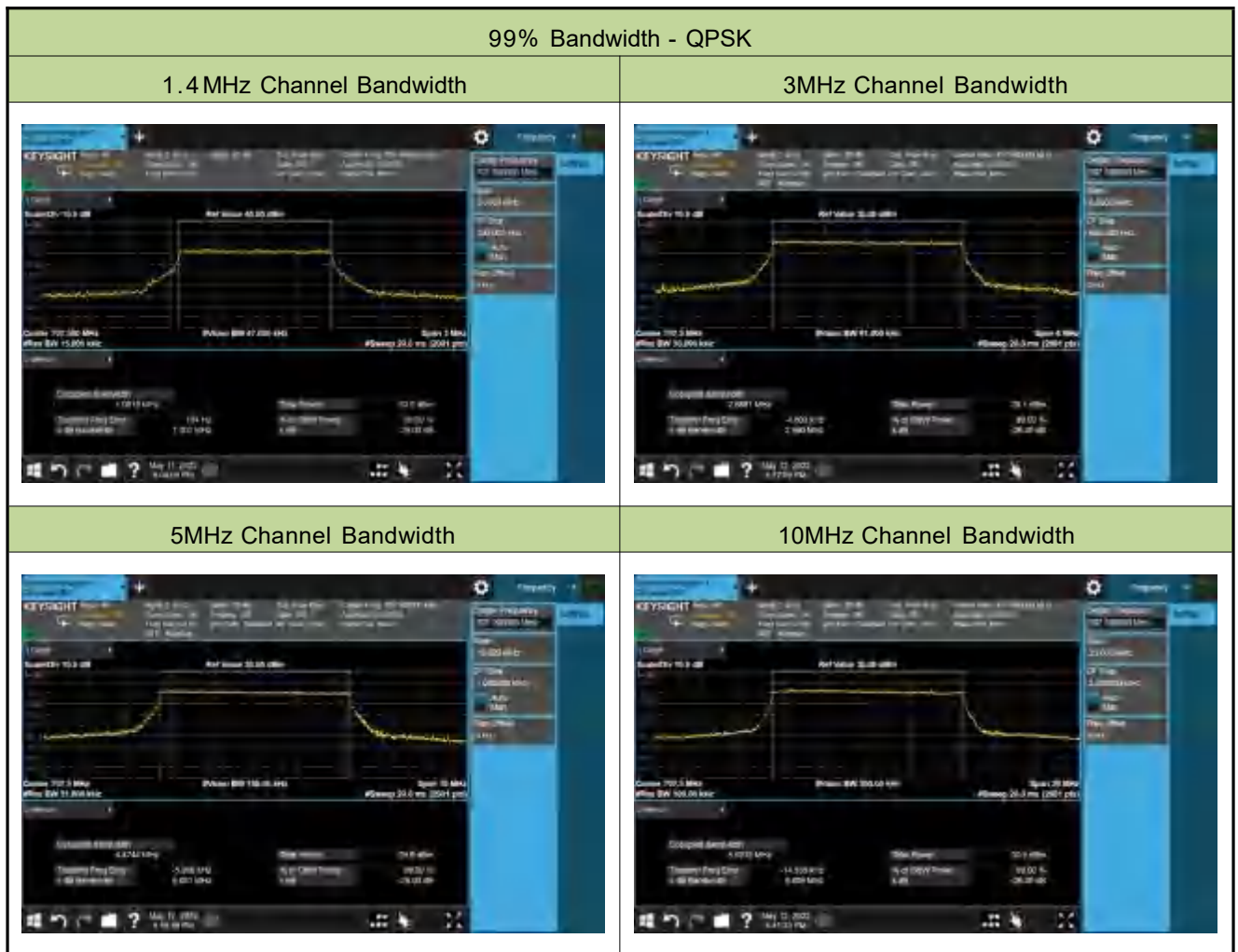


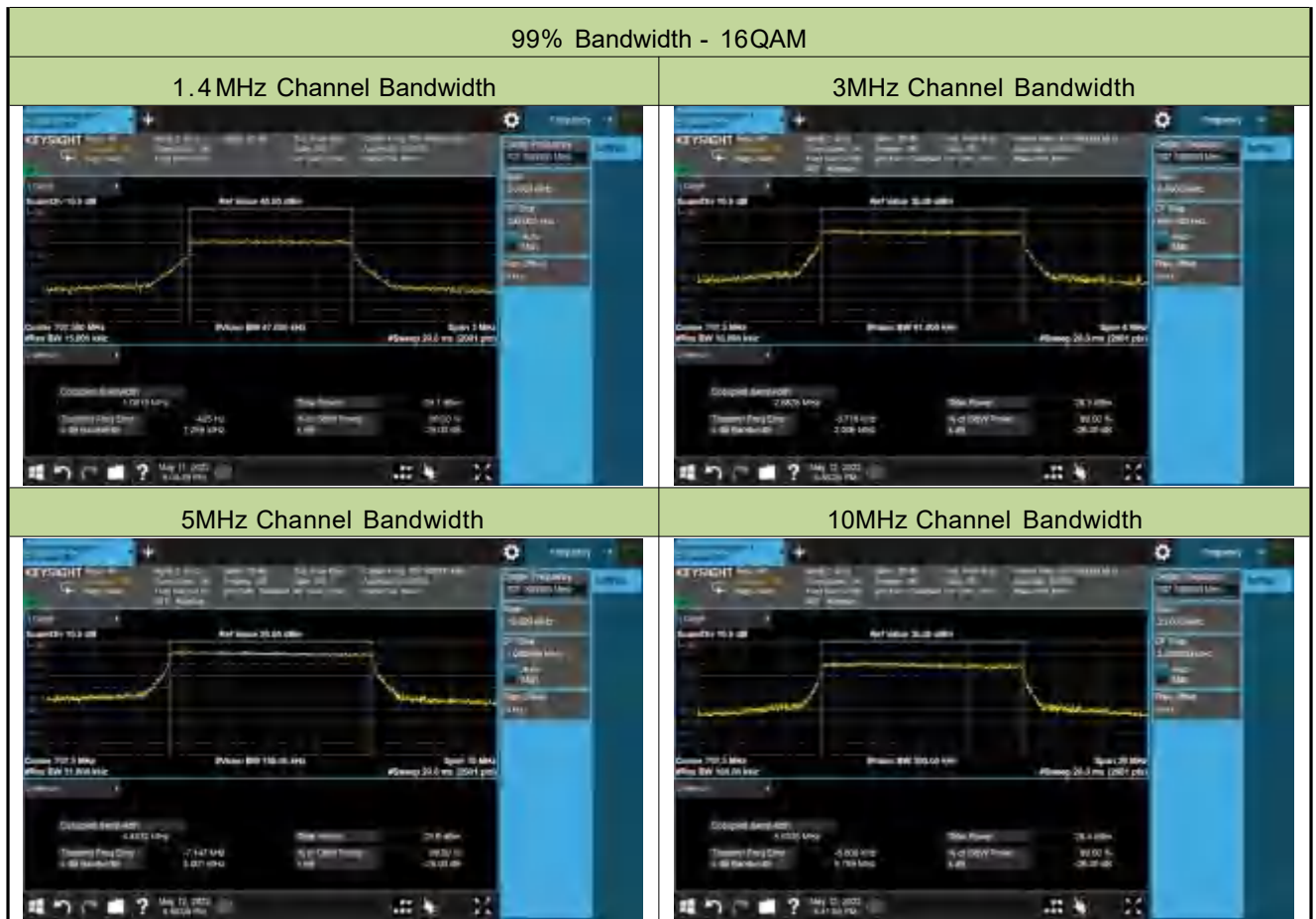




Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11 ~ 2022/05/12	Test Band	LTE Band 12

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
707.5	1.4	1.08
	3	2.69
	5	4.47
	10	8.93
16QAM		
707.5	1.4	1.08
	3	2.68
	5	4.48
	10	8.93
64QAM		
707.5	1.4	1.08
	3	2.68
	5	4.48
	10	8.93
256QAM		
707.5	1.4	1.09
	3	2.68
	5	4.48
	10	8.93





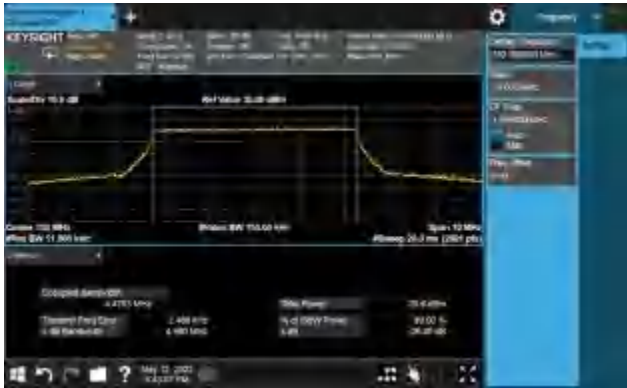






Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/12	Test Band	LTE Band 13

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
782.0	5	4.48
	10	8.92
16QAM		
782.0	5	4.47
	10	8.91
64QAM		
782.0	5	4.47
	10	8.92
256QAM		
782.0	5	4.49
	10	8.93

99% Bandwidth - QPSK	
5MHz Channel Bandwidth	10MHz Channel Bandwidth
	
99% Bandwidth - 16QAM	
5MHz Channel Bandwidth	10MHz Channel Bandwidth
	
99% Bandwidth - 64QAM	
5MHz Channel Bandwidth	10MHz Channel Bandwidth
	

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Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/12	Test Band	LTE Band 17

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
710.0	5	4.49
	10	8.95
16QAM		
710.0	5	4.48
	10	8.97
64QAM		
710.0	5	4.48
	10	8.96
256QAM		
710.0	5	4.48
	10	8.96

99% Bandwidth - QPSK

5MHz Channel Bandwidth



10MHz Channel Bandwidth



99% Bandwidth - 16QAM

5MHz Channel Bandwidth



10MHz Channel Bandwidth



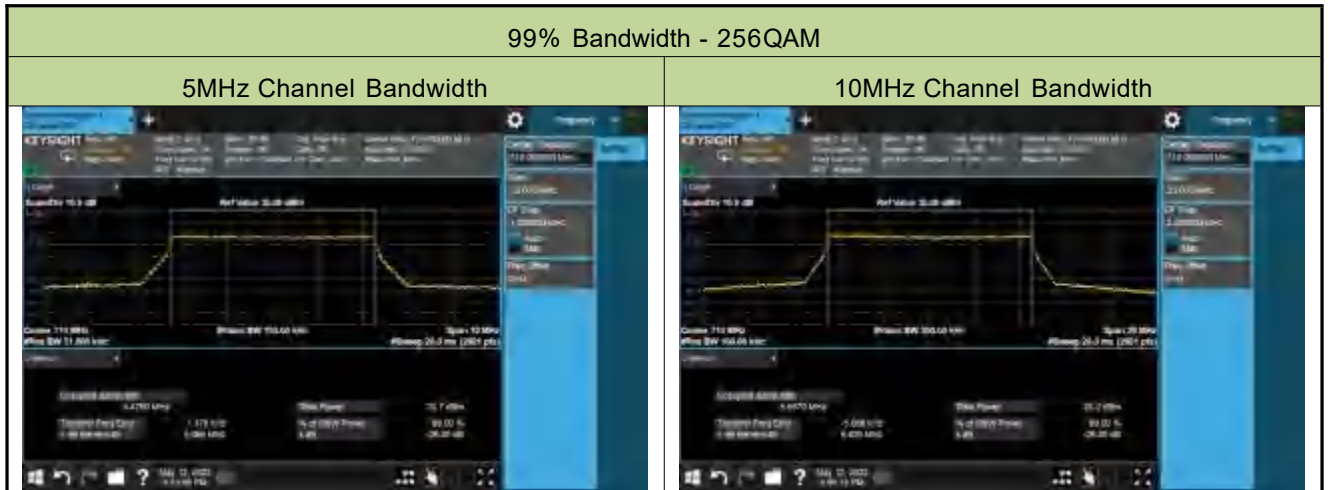
99% Bandwidth - 64QAM

5MHz Channel Bandwidth



10MHz Channel Bandwidth

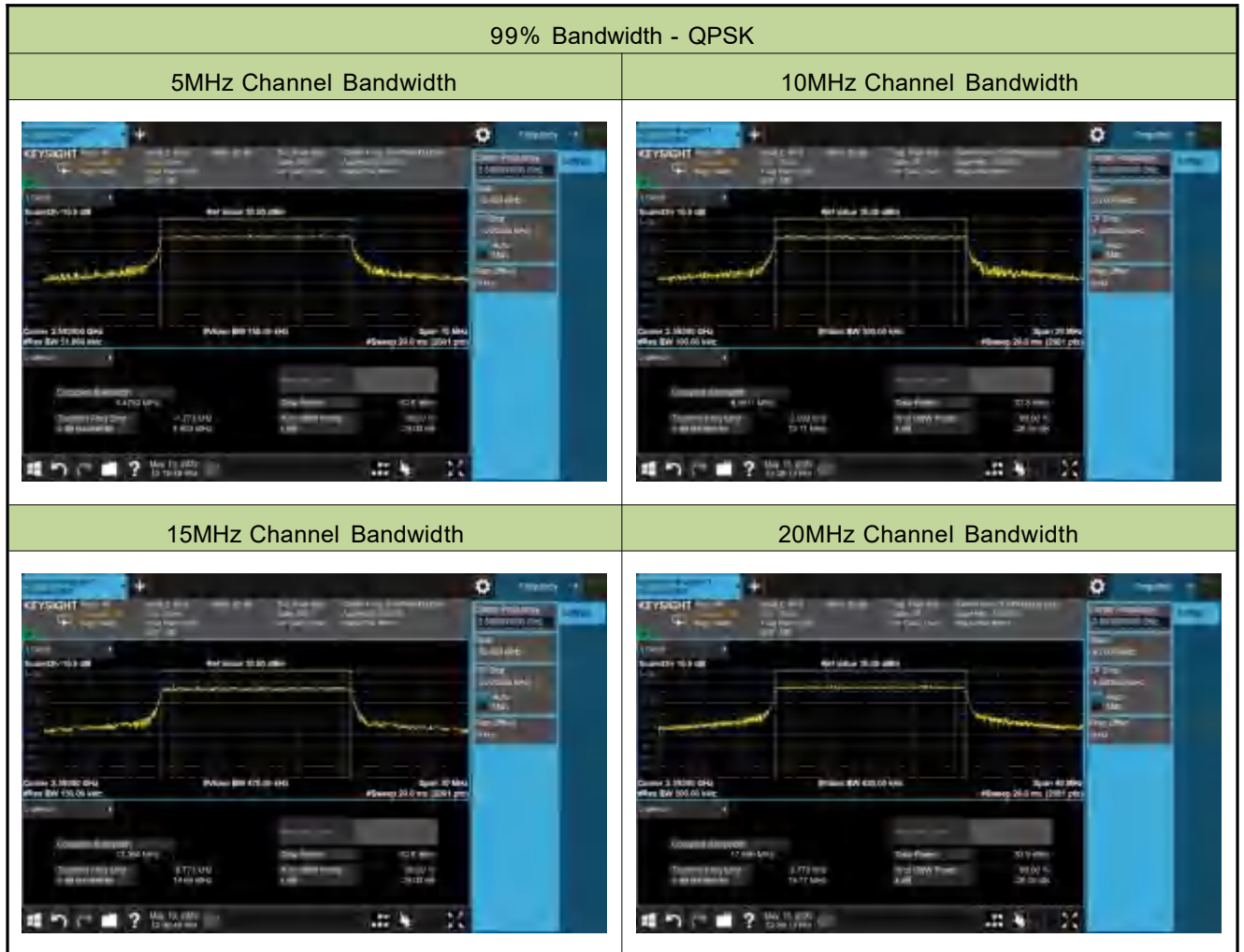




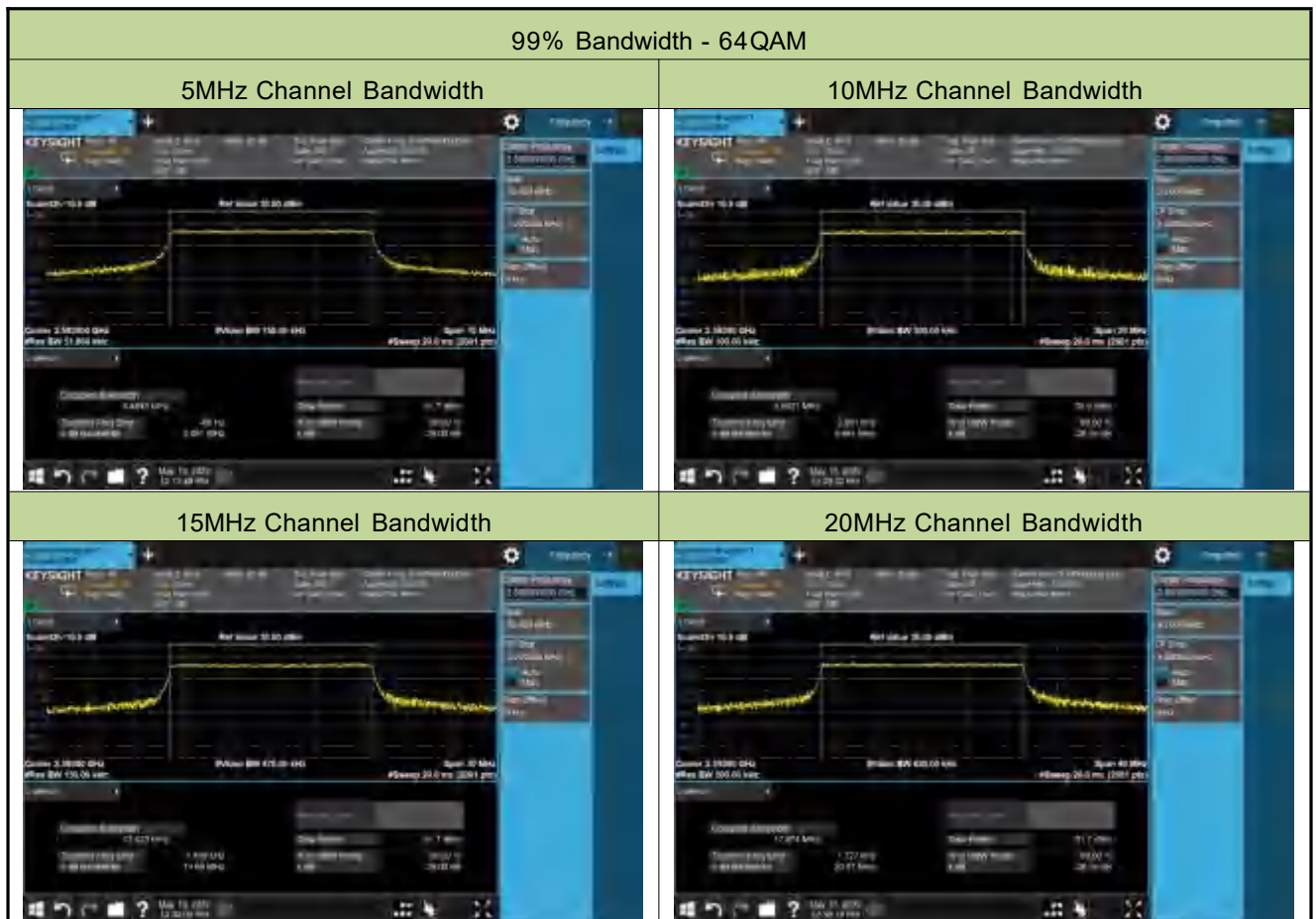


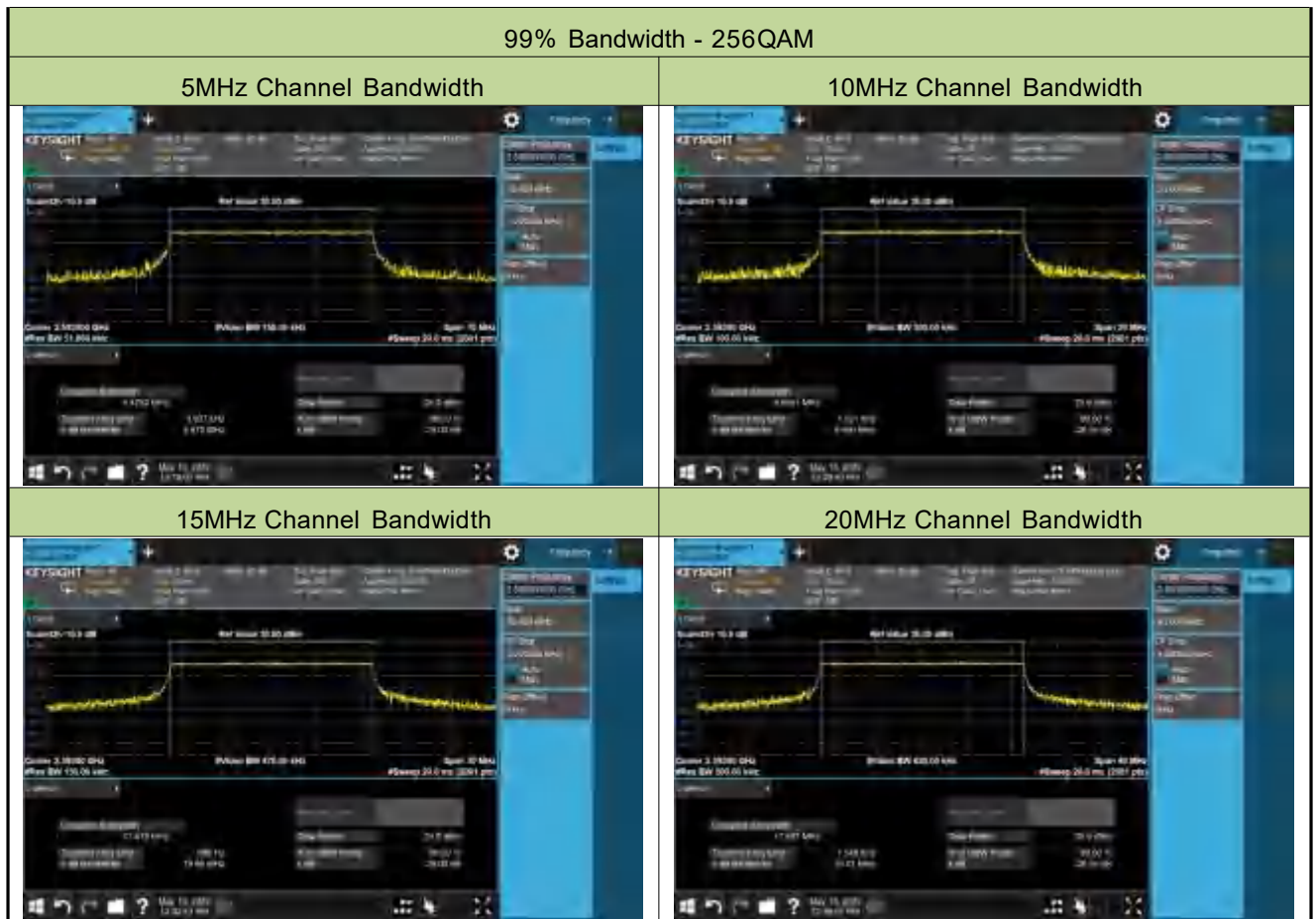
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	LTE Band 38/41_HPUE

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
2593.0	5	4.48
	10	8.95
	15	13.39
	20	17.88
16QAM		
2593.0	5	4.47
	10	8.94
	15	13.44
	20	17.87
64QAM		
2593.0	5	4.48
	10	8.95
	15	13.42
	20	17.87
256QAM		
2593.0	5	4.48
	10	8.94
	15	13.42
	20	17.89





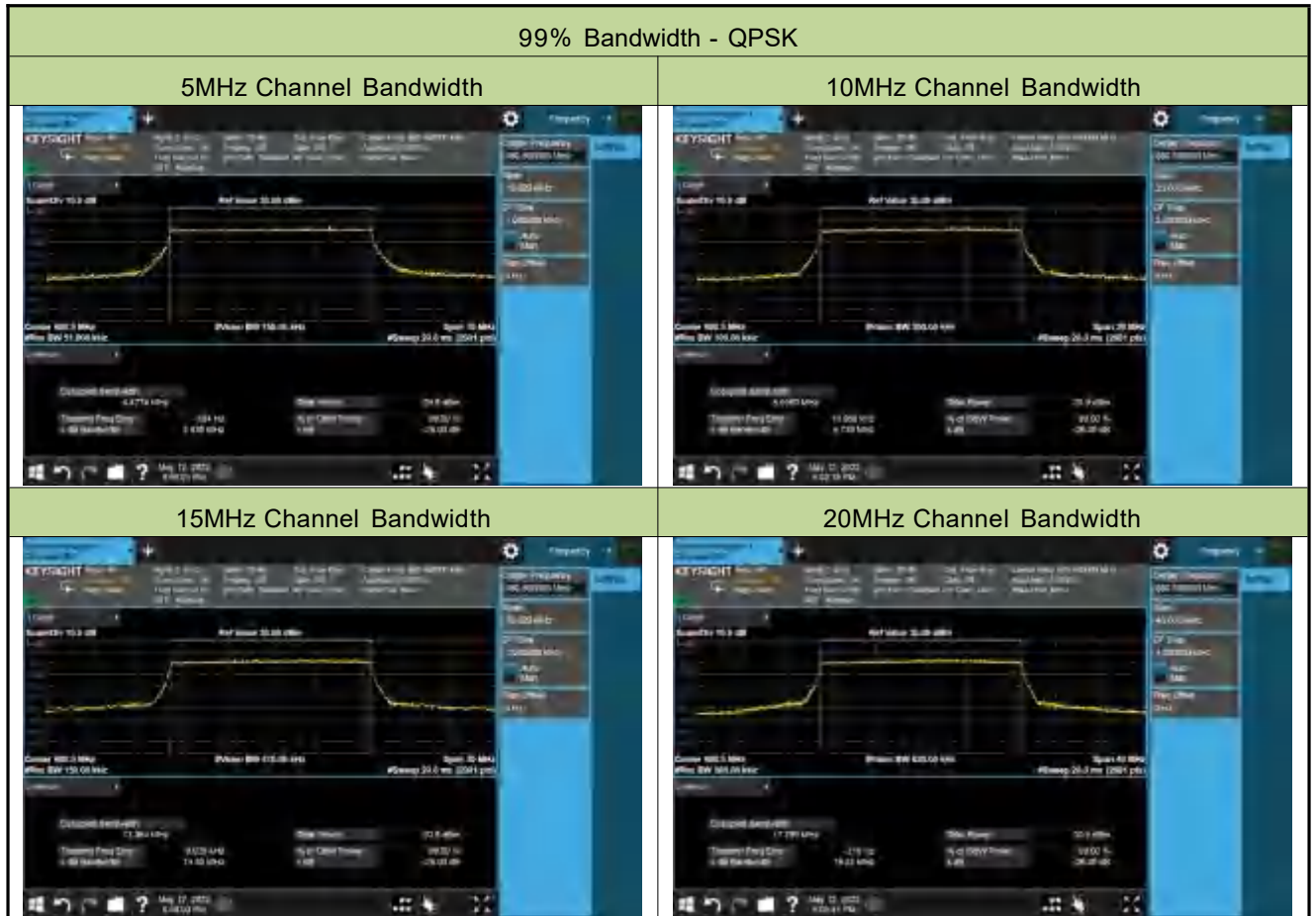


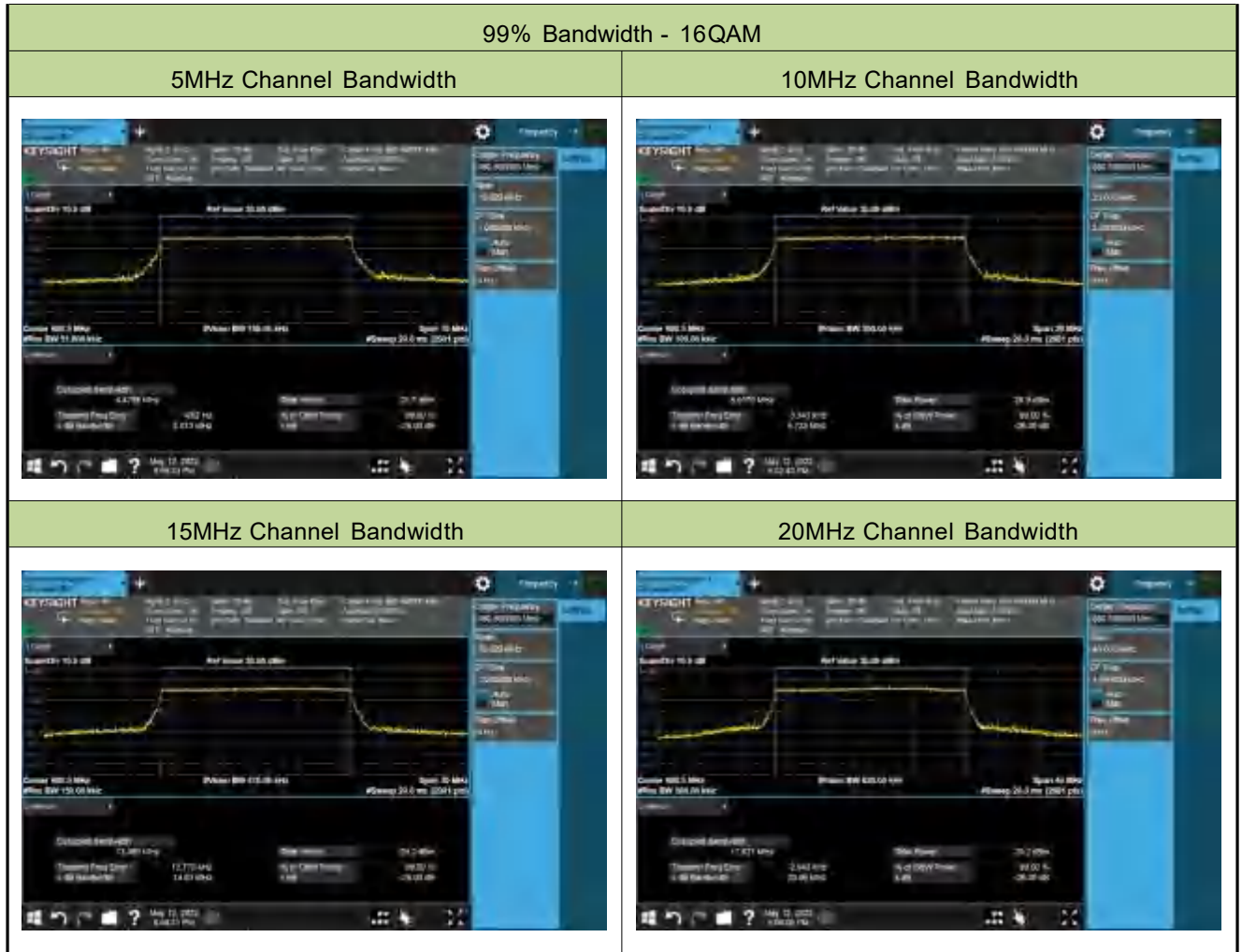


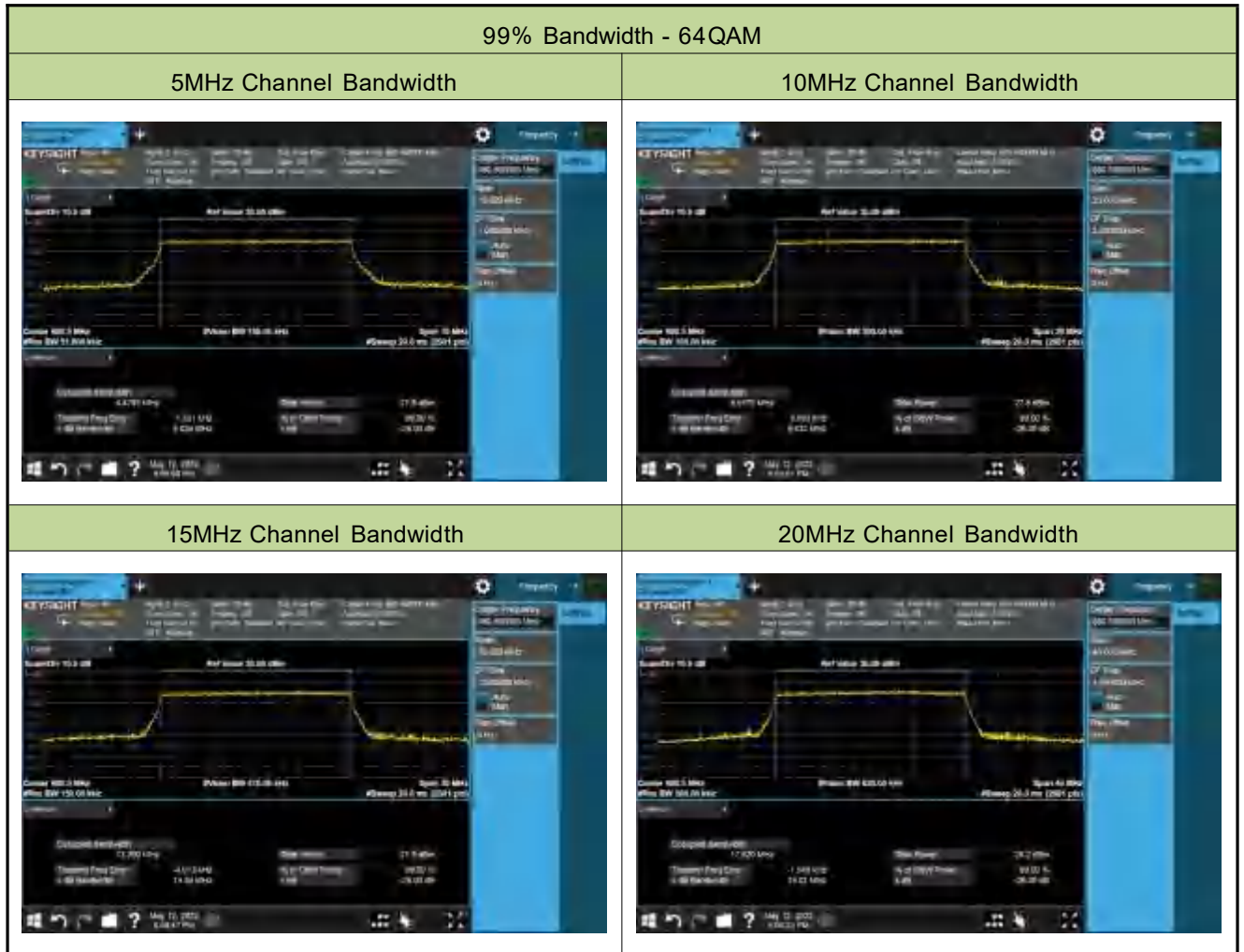


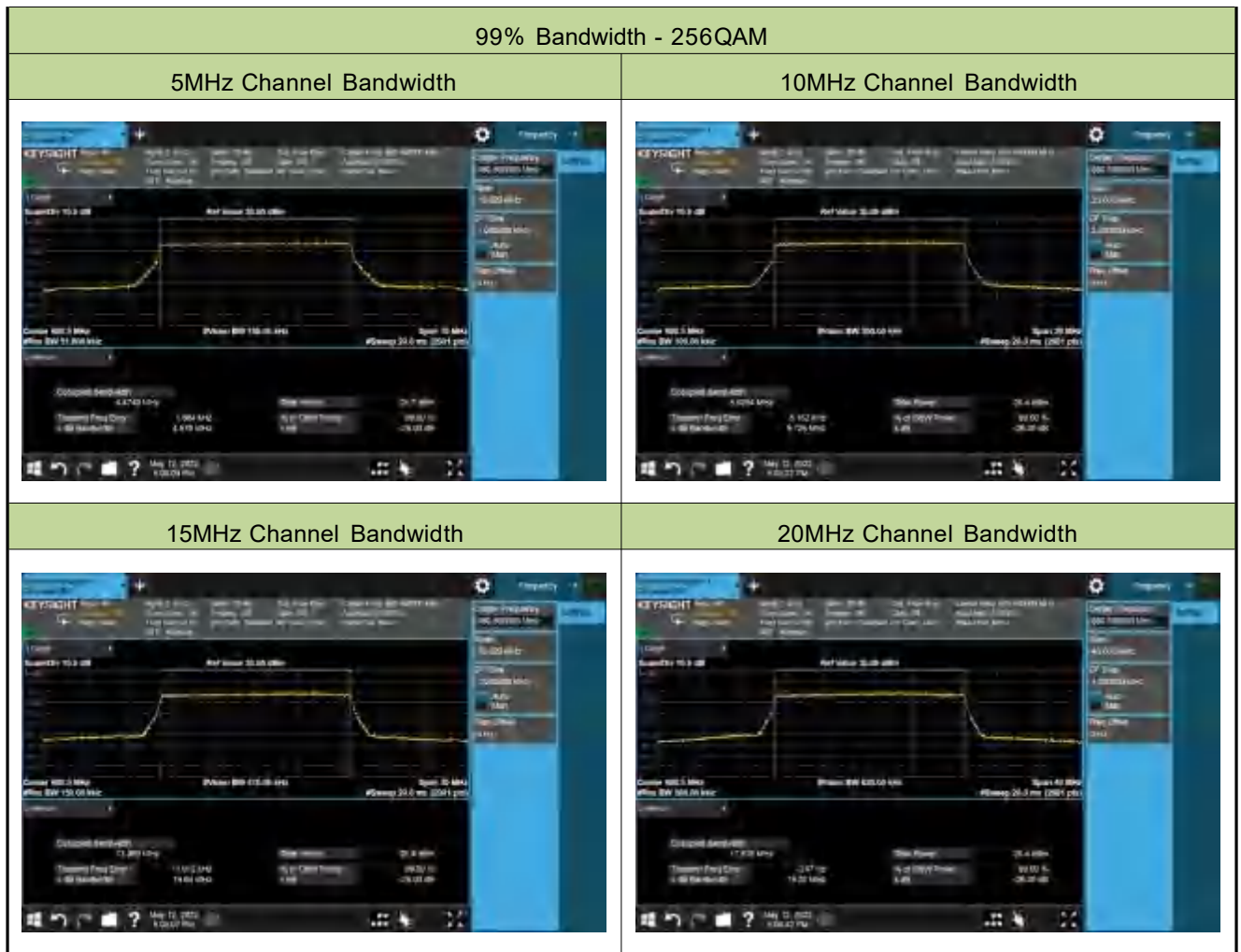
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/12	Test Band	LTE Band 71

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK		
680.5	5	4.48
	10	8.92
	15	13.36
	20	17.80
16QAM		
680.5	5	4.48
	10	8.92
	15	13.39
	20	17.82
64QAM		
680.5	5	4.48
	10	8.92
	15	13.39
	20	17.82
256QAM		
680.5	5	4.47
	10	8.93
	15	13.37
	20	17.82





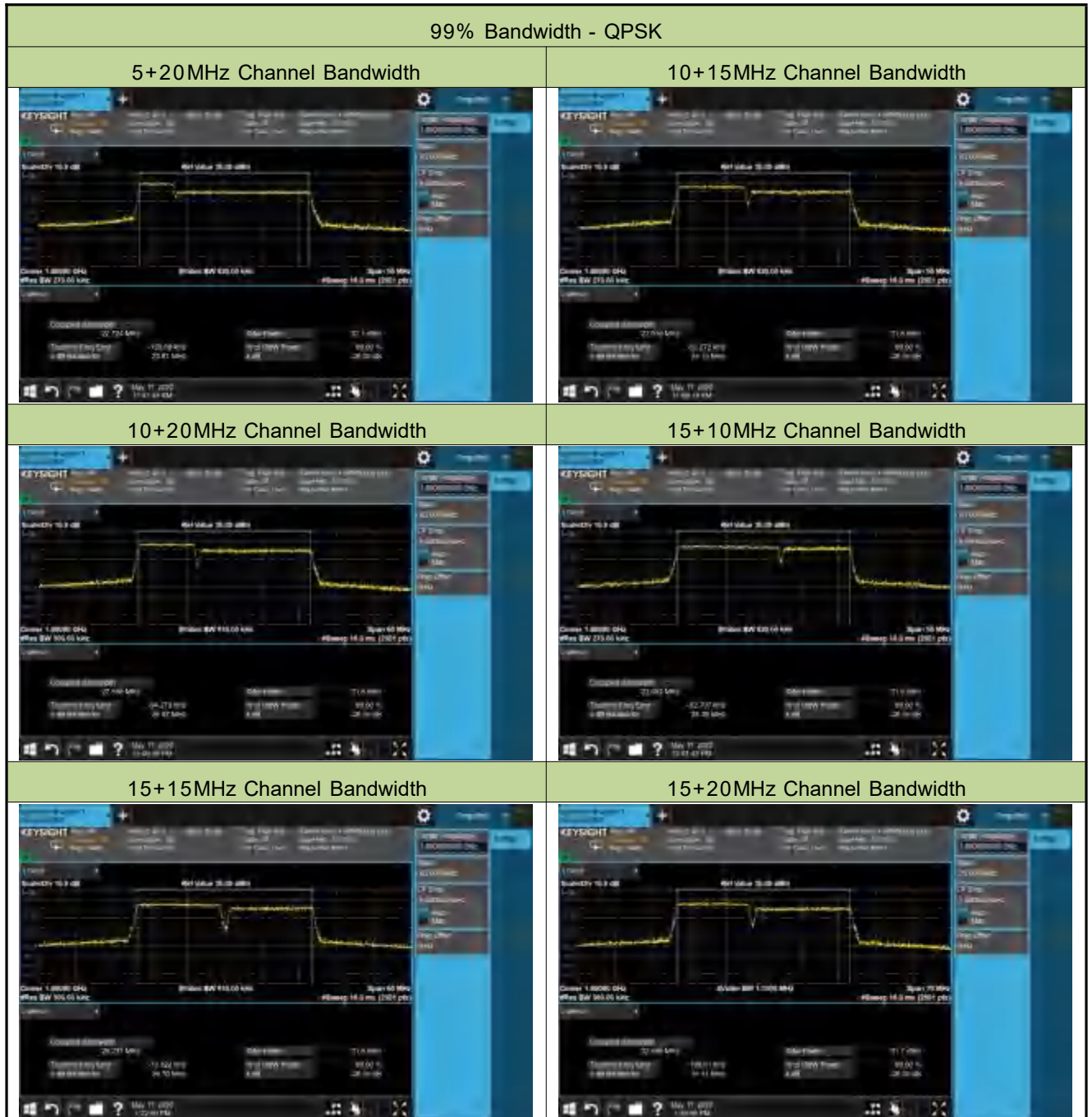


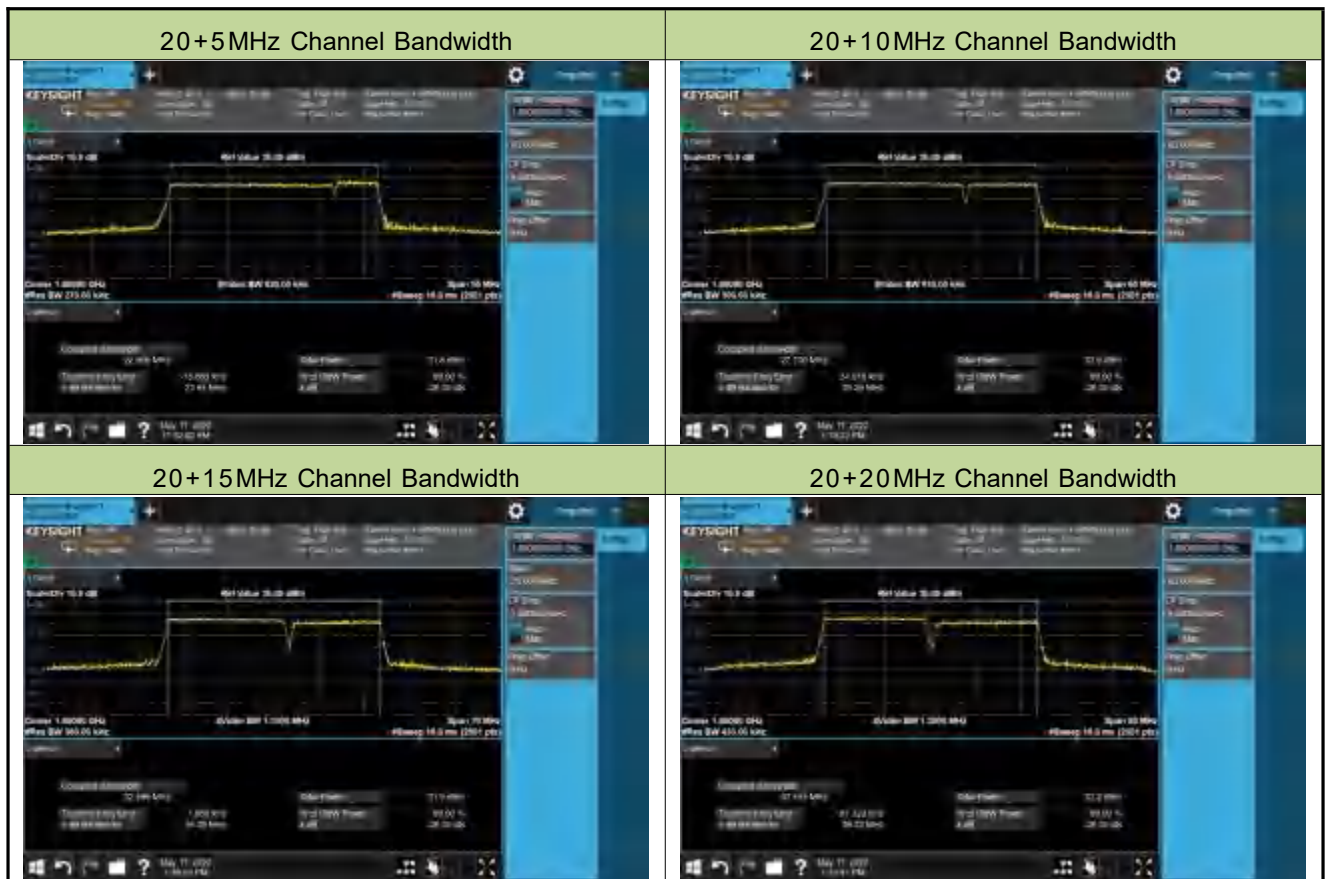


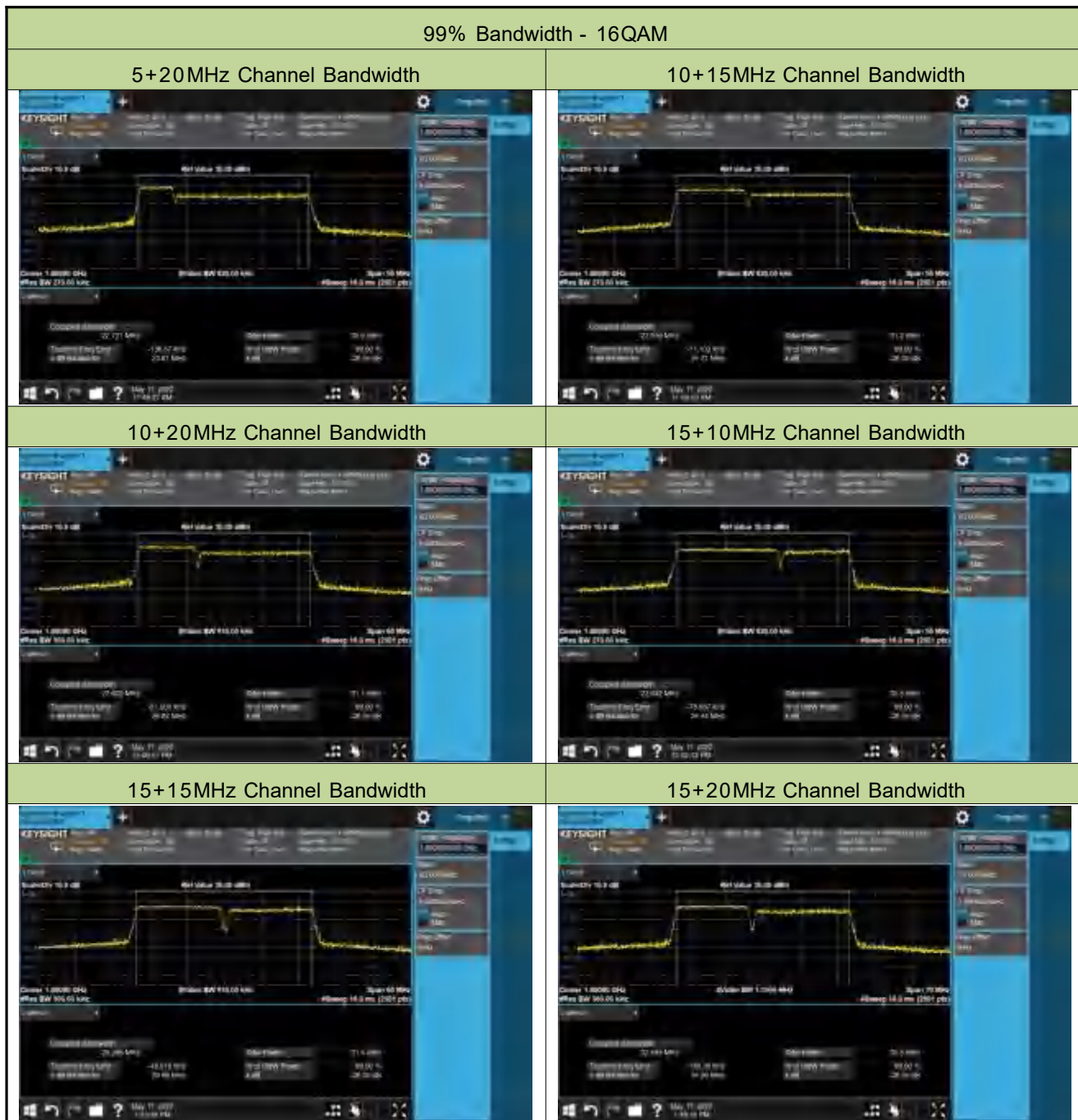
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11	Test Band	Intra-Band CA_2C

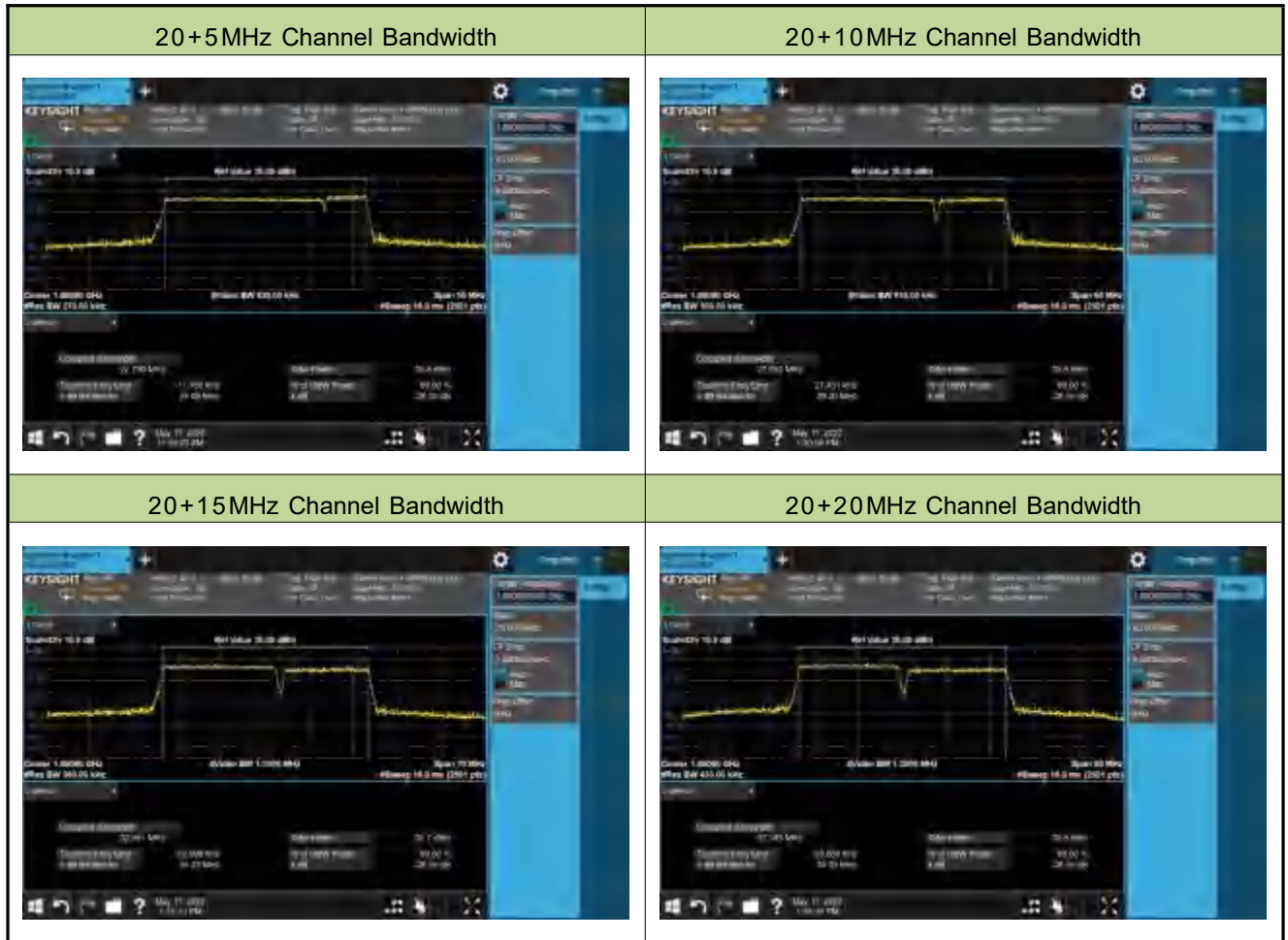
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	1870.8 + 1882.5	5+20	22.72
	1872.9 + 1884.9	10+15	23.02
	1870.6 + 1885.0	10+20	27.56
	1875.1 + 1887.1	15+10	23.06
	1872.5 + 1887.5	15+15	28.24
	1870.3 + 1887.4	15+20	32.46
	1877.5 + 1889.2	20+5	22.81
	1875.1 + 1889.5	20+10	27.70
	1872.6 + 1889.7	20+15	32.60
	1870.1 + 1889.9	20+20	37.46
16QAM	1870.8 + 1882.5	5+20	22.72
	1872.9 + 1884.9	10+15	23.02
	1870.6 + 1885.0	10+20	27.60
	1875.1 + 1887.1	15+10	23.04
	1872.5 + 1887.5	15+15	28.27
	1870.3 + 1887.4	15+20	32.49
	1877.5 + 1889.2	20+5	22.79
	1875.1 + 1889.5	20+10	27.65
	1872.6 + 1889.7	20+15	32.50
	1870.1+ 1889.9	20+20	37.38
64QAM	1870.8 + 1882.5	5+20	22.71
	1872.9 + 1884.9	10+15	23.03
	1870.6 + 1885.0	10+20	27.63
	1875.1 + 1887.1	15+10	23.04
	1872.5 + 1887.5	15+15	28.28
	1870.3 + 1887.4	15+20	32.56
	1877.5 + 1889.2	20+5	22.82
	1875.1 + 1889.5	20+10	27.67
	1872.6 + 1889.7	20+15	32.54
	1870.1 + 1889.9	20+20	37.42

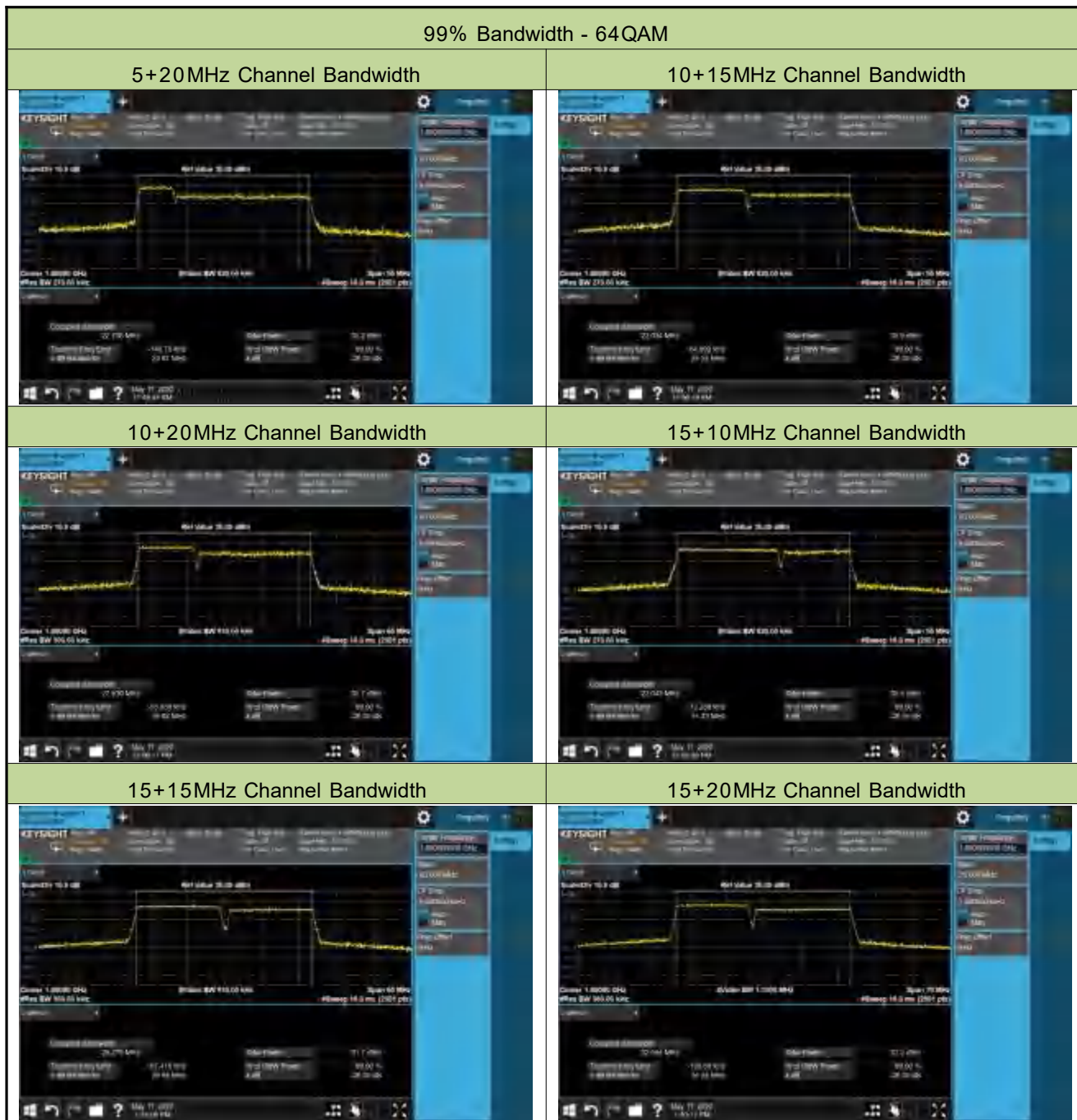
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
256QAM	1870.8 + 1882.5	5+20	22.72
	1872.9 + 1884.9	10+15	23.02
	1870.6 + 1885.0	10+20	27.63
	1875.1 + 1887.1	15+10	23.06
	1872.5 + 1887.5	15+15	28.22
	1870.3 + 1887.4	15+20	32.47
	1877.5 + 1889.2	20+5	22.82
	1875.1 + 1889.5	20+10	27.66
	1872.6 + 1889.7	20+15	32.61
	1870.1 + 1889.9	20+20	37.43



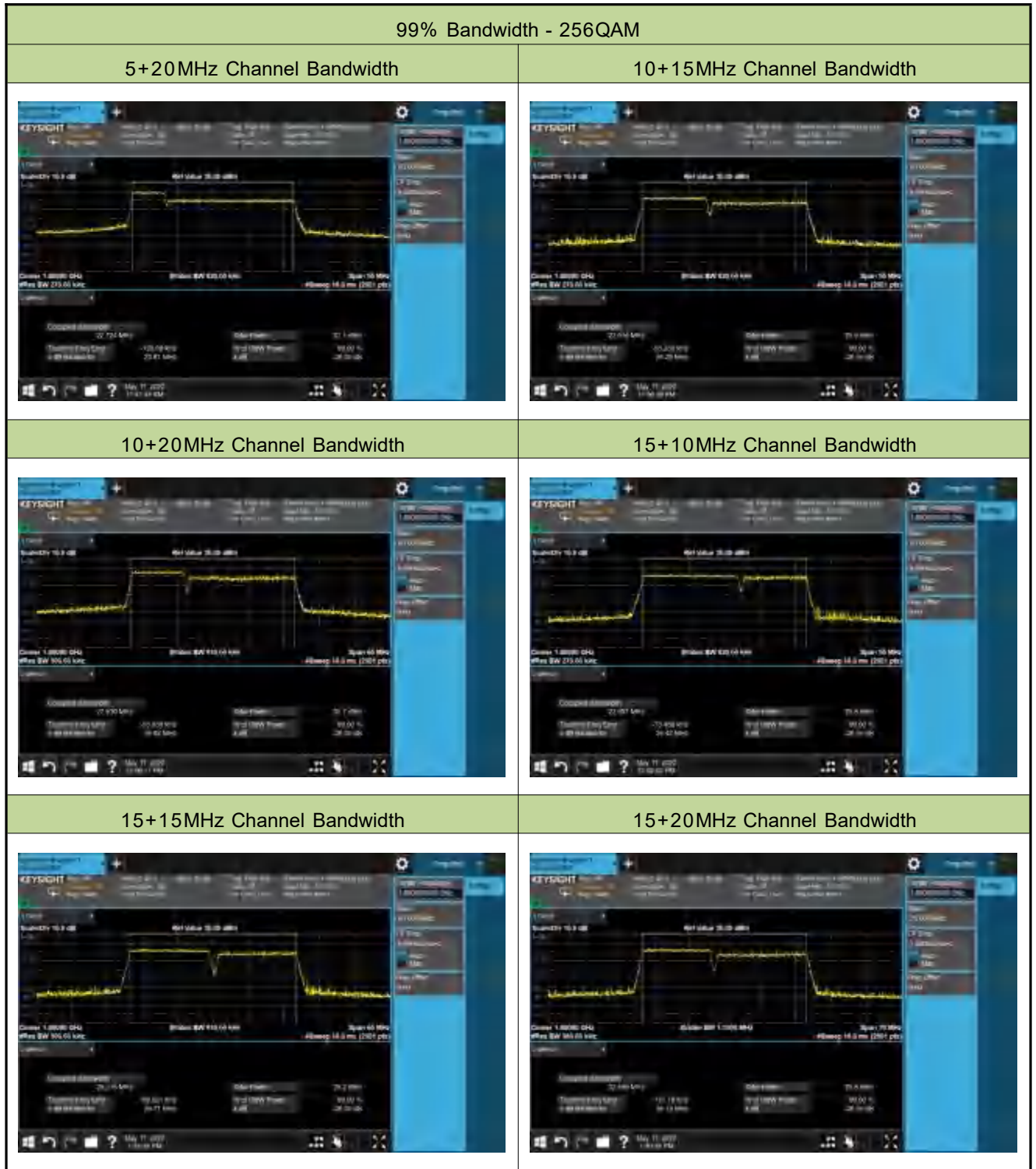


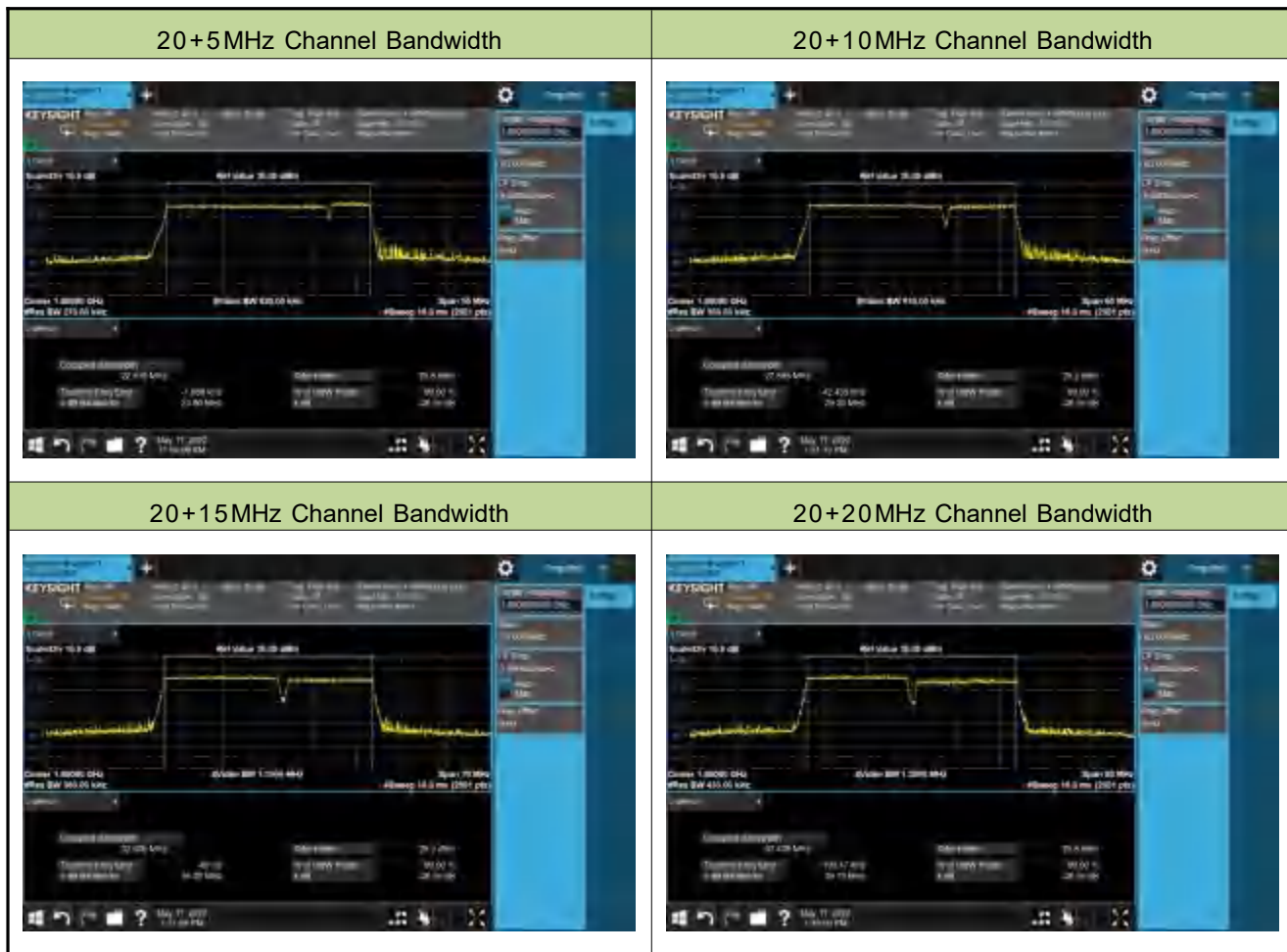








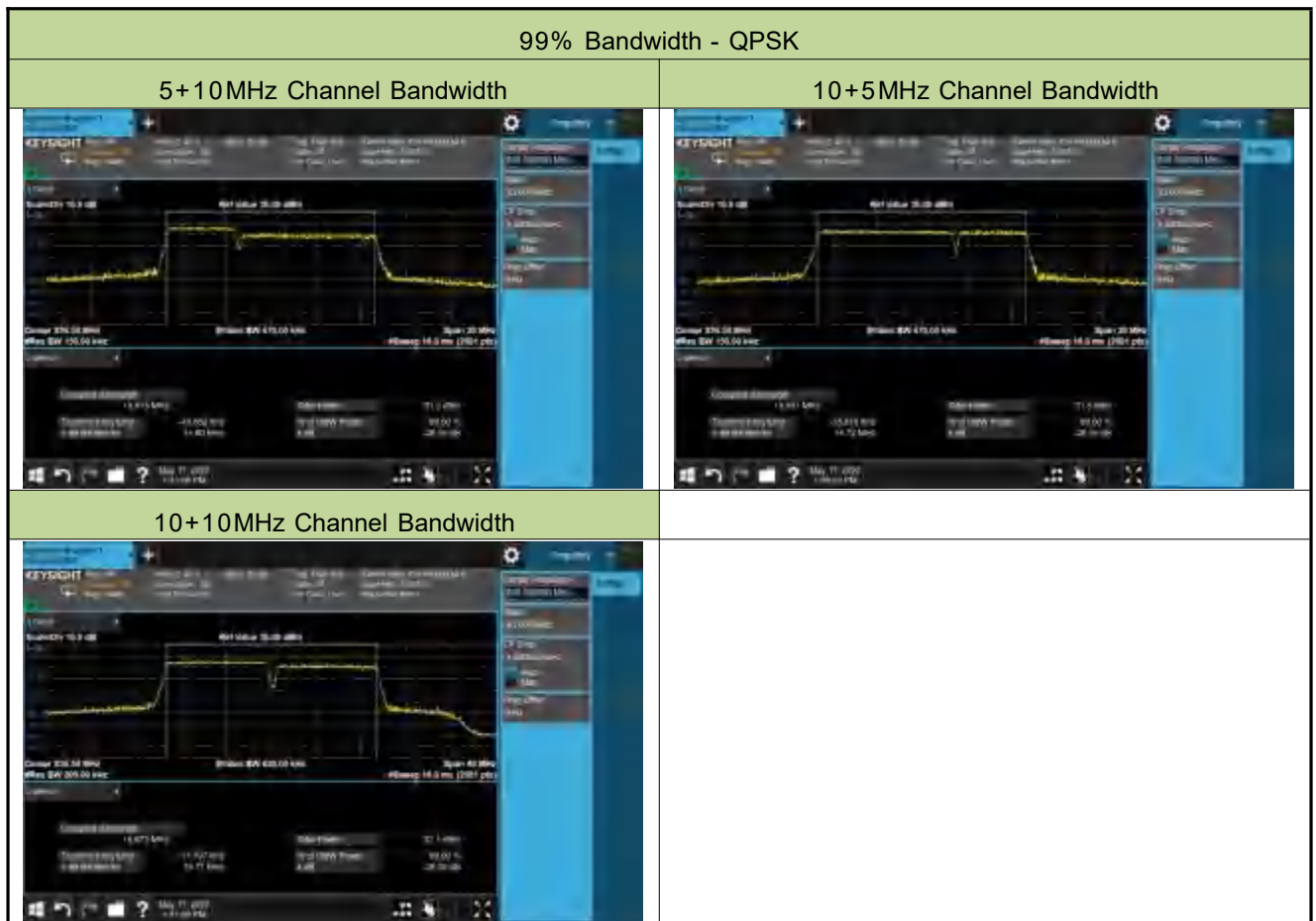






Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11	Test Band	Intra-Band CA_5B

Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	831.8 + 839.0	5+10	13.81
	834.0 + 841.2	10+5	13.83
	831.6 + 841.5	10+10	18.67
16QAM	831.8 + 839.0	5+10	13.80
	834.0 + 841.2	10+5	13.82
	831.6 + 841.5	10+10	18.67
64QAM	831.8 + 839.0	5+10	13.76
	834.0 + 841.2	10+5	13.84
	831.6 + 841.5	10+10	18.64
256QAM	831.8 + 839.0	5+10	13.83
	834.0 + 841.2	10+5	13.84
	831.6 + 841.5	10+10	18.67



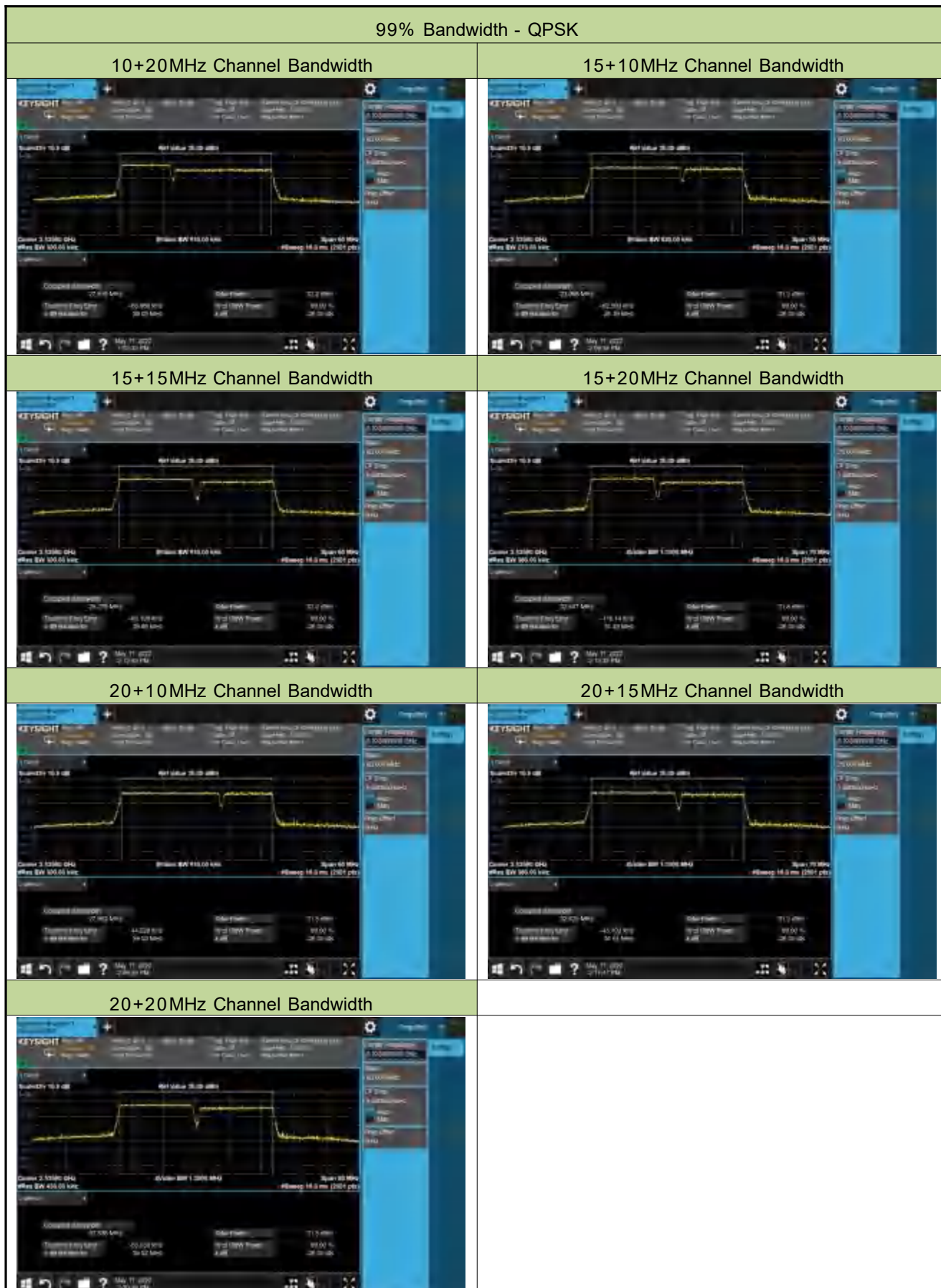
99% Bandwidth - 16QAM	
5+10MHz Channel Bandwidth	10+5MHz Channel Bandwidth
	
10+10MHz Channel Bandwidth	
	

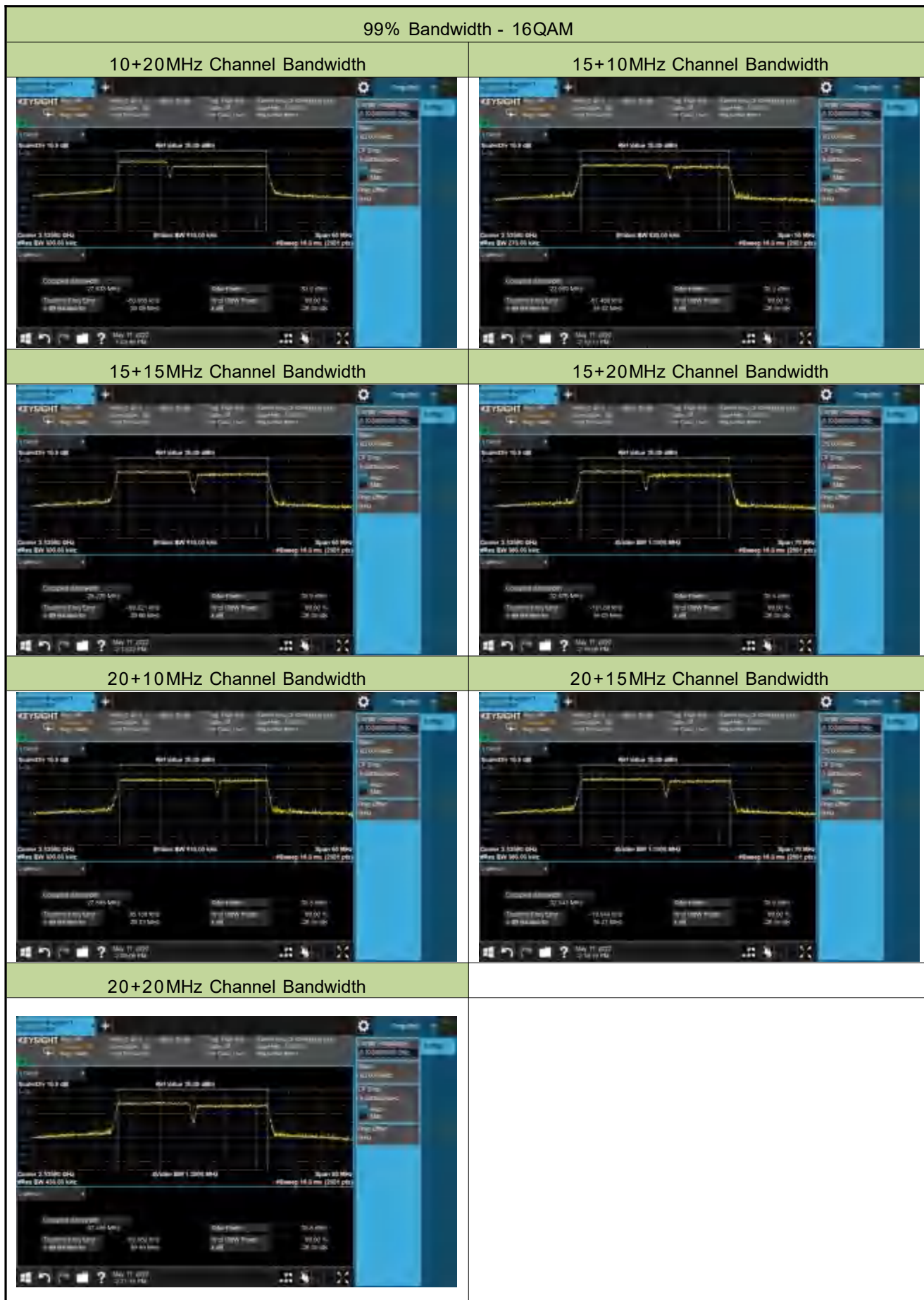
99% Bandwidth - 64QAM	
5+10MHz Channel Bandwidth	10+5MHz Channel Bandwidth
	
10+10MHz Channel Bandwidth	
	

99% Bandwidth - 256QAM	
5+10MHz Channel Bandwidth	10+5MHz Channel Bandwidth
	
10+10MHz Channel Bandwidth	
	

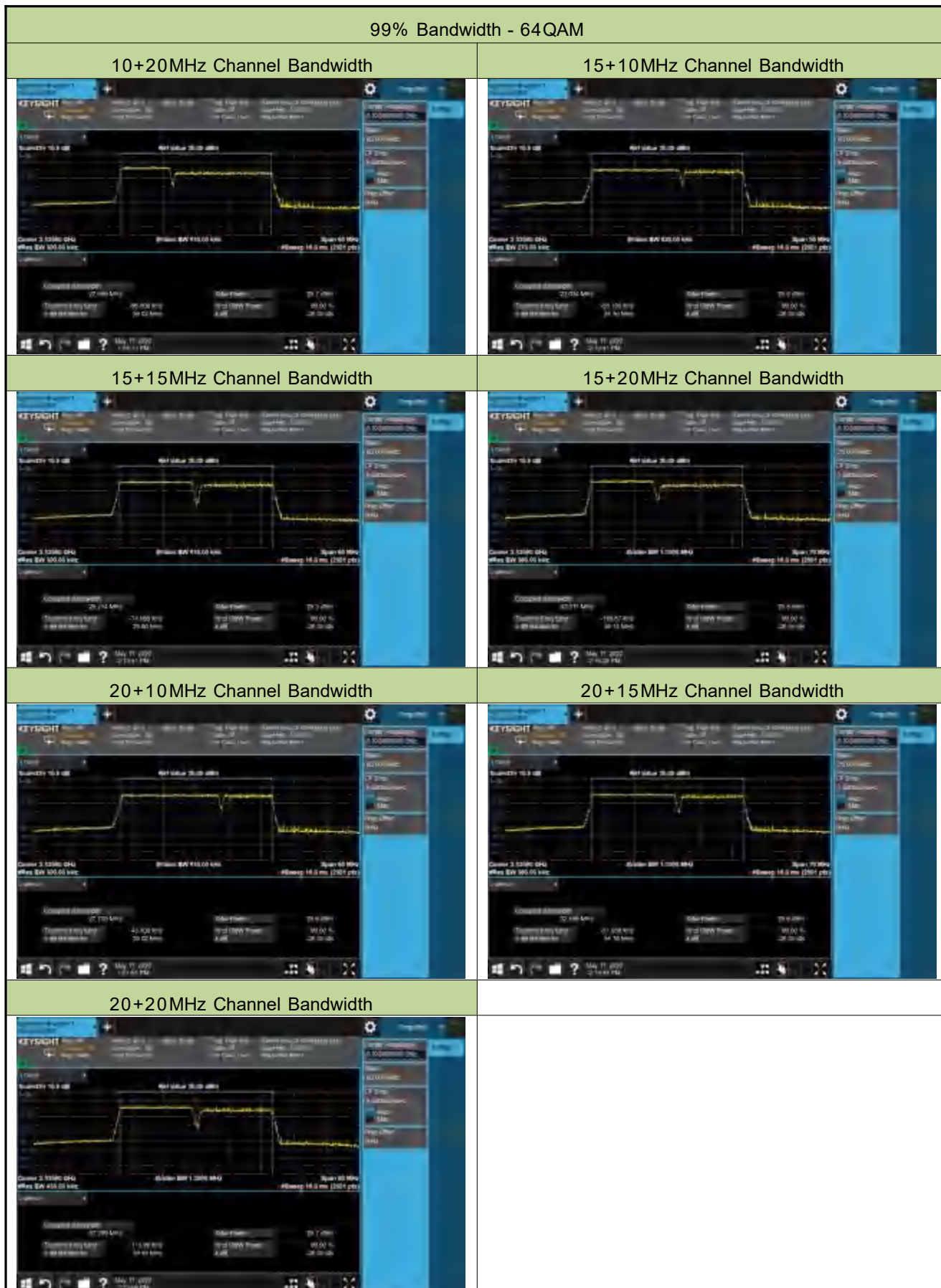
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11	Test Band	Intra-Band CA_7C

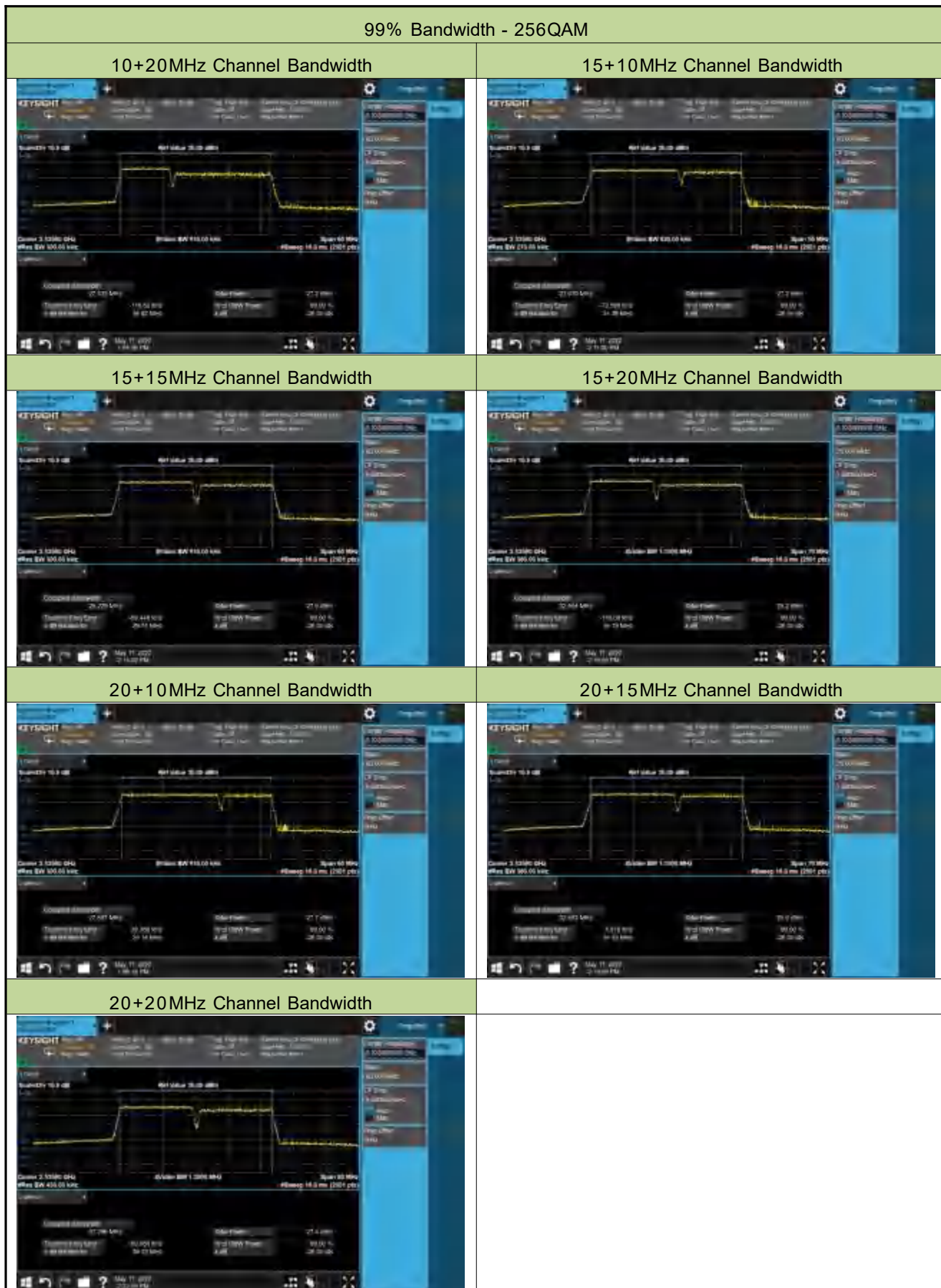
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	2525.6 + 2540.0	10+20	27.62
	2530.1 + 2542.1	15+10	23.07
	2527.5 + 2542.5	15+15	28.28
	2525.3 + 2542.4	15+20	32.55
	2530.1 + 2544.5	20+10	27.66
	2527.6 + 2544.7	20+15	32.53
	2525.1 + 2544.9	20+20	37.54
16QAM	2525.6 + 2540.0	10+20	27.63
	2530.1 + 2542.1	15+10	23.05
	2527.5 + 2542.5	15+15	28.23
	2525.3 + 2542.4	15+20	32.58
	2530.1 + 2544.5	20+10	27.66
	2527.6 + 2544.7	20+15	32.54
	2525.1 + 2544.9	20+20	37.47
64QAM	2525.6 + 2540.0	10+20	27.57
	2530.1 + 2542.1	15+10	23.03
	2527.5 + 2542.5	15+15	28.21
	2525.3 + 2542.4	15+20	32.51
	2530.1 + 2544.5	20+10	27.71
	2527.6 + 2544.7	20+15	32.49
	2525.1 + 2544.9	20+20	37.39
256QAM	2525.6 + 2540.0	10+20	27.53
	2530.1 + 2542.1	15+10	23.01
	2527.5 + 2542.5	15+15	28.23
	2525.3 + 2542.4	15+20	32.50
	2530.1 + 2544.5	20+10	27.66
	2527.6 + 2544.7	20+15	32.58
	2525.1 + 2544.9	20+20	37.40







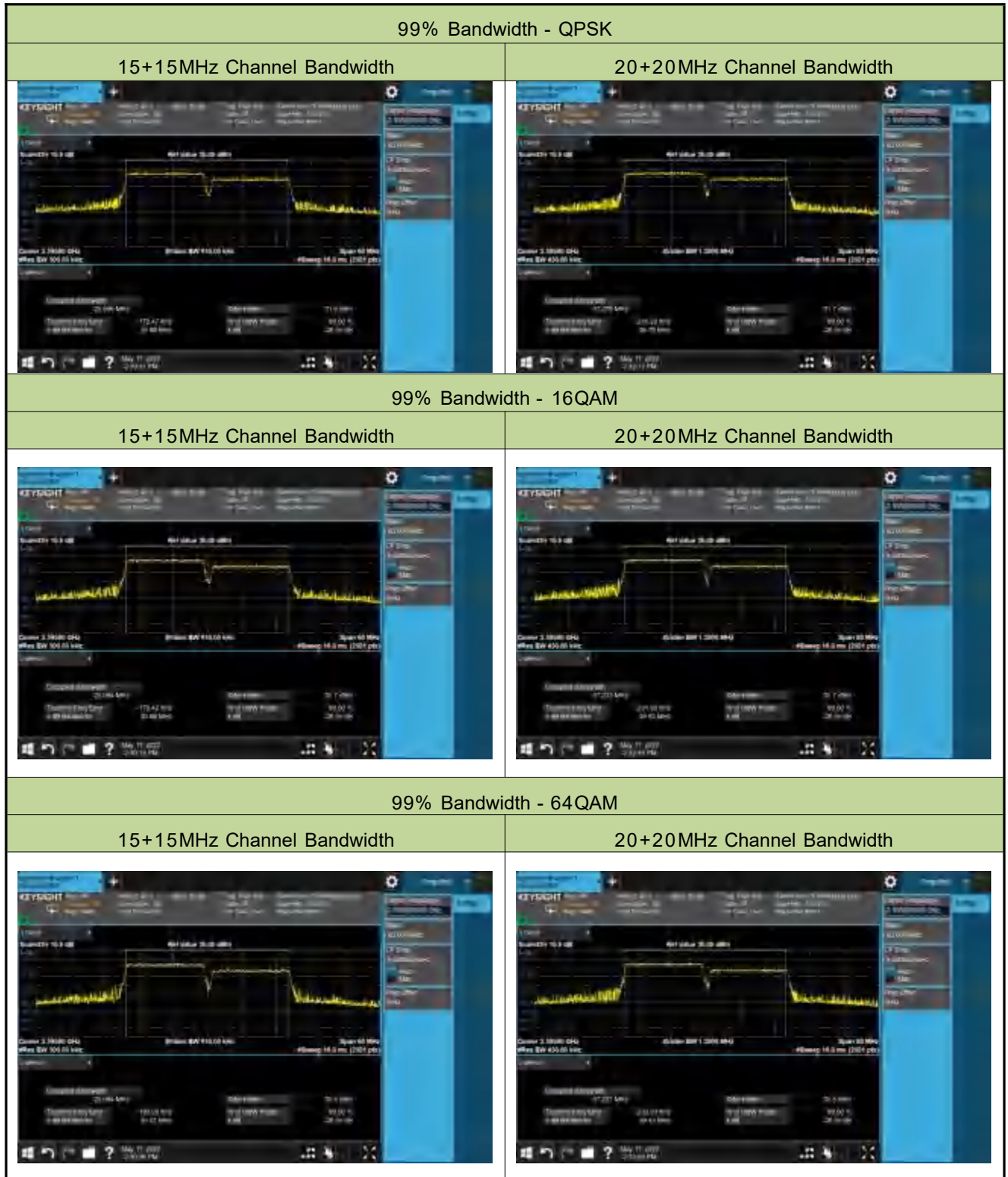


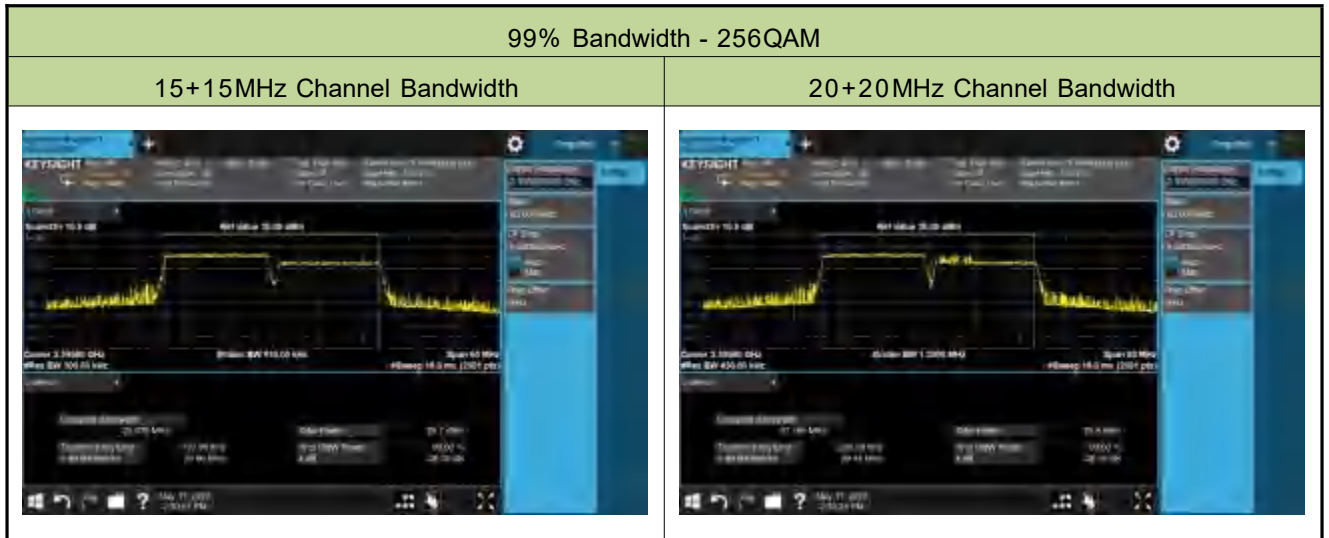




Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11	Test Band	Intra-Band CA_38C

Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	2587.5 + 2602.5	15+15	28.06
	2585.1 + 2604.9	20+20	37.28
16QAM	2587.5 + 2602.5	15+15	28.06
	2585.1 + 2604.9	20+20	37.21
64QAM	2587.5 + 2602.5	15+15	28.06
	2585.1 + 2604.9	20+20	37.22
256QAM	2587.5 + 2602.5	15+15	28.08
	2585.1 + 2604.9	20+20	37.17

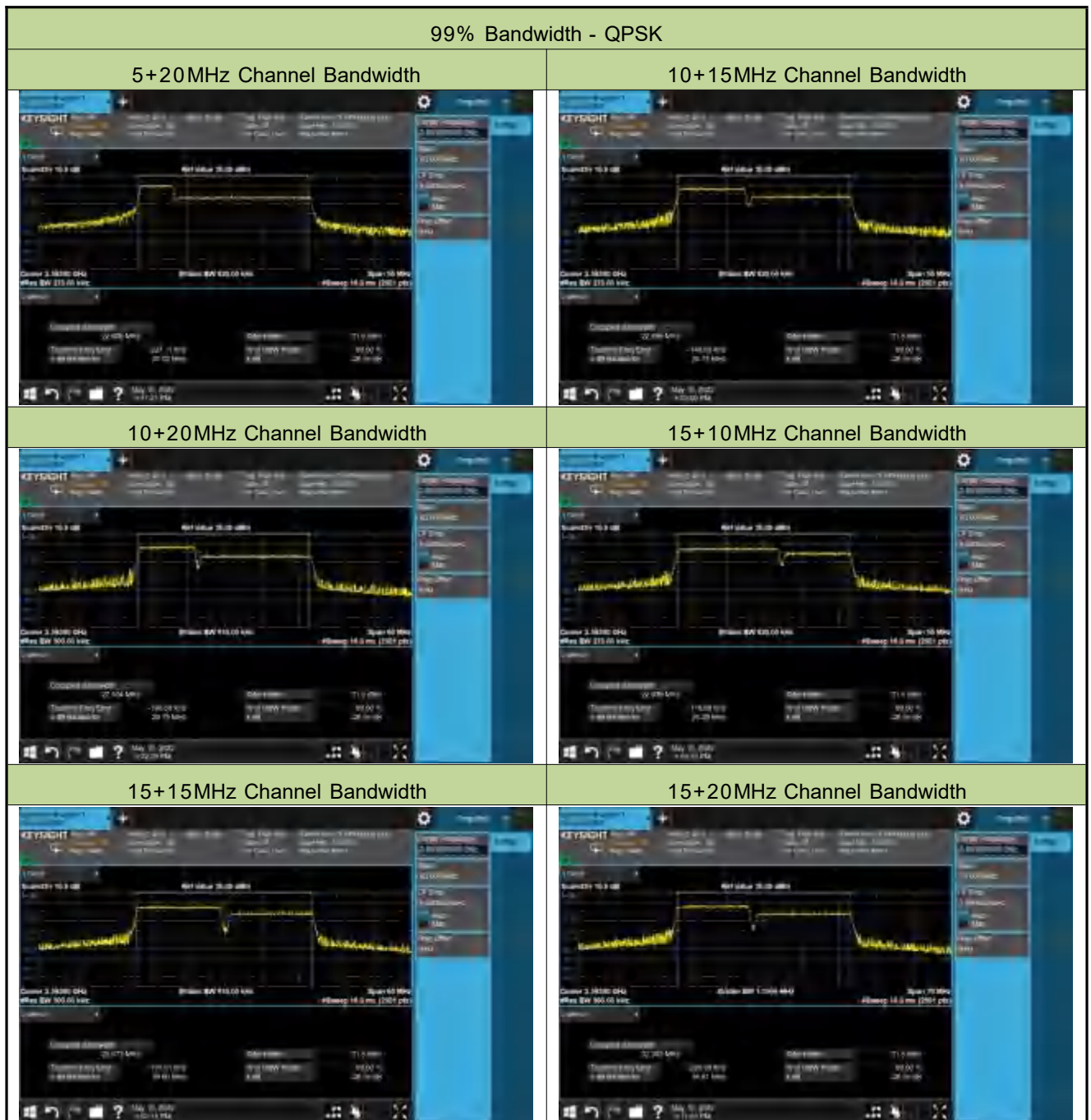


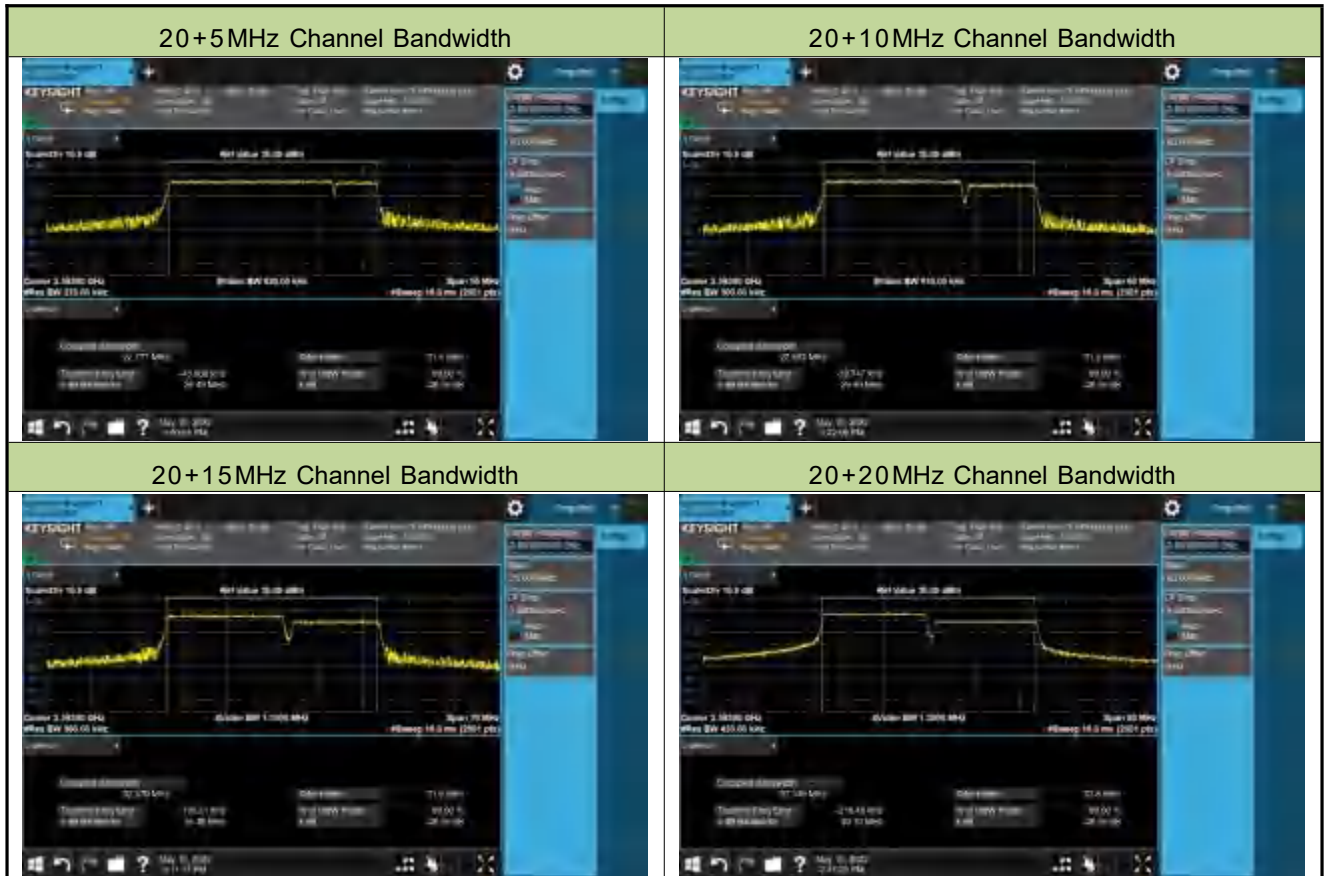


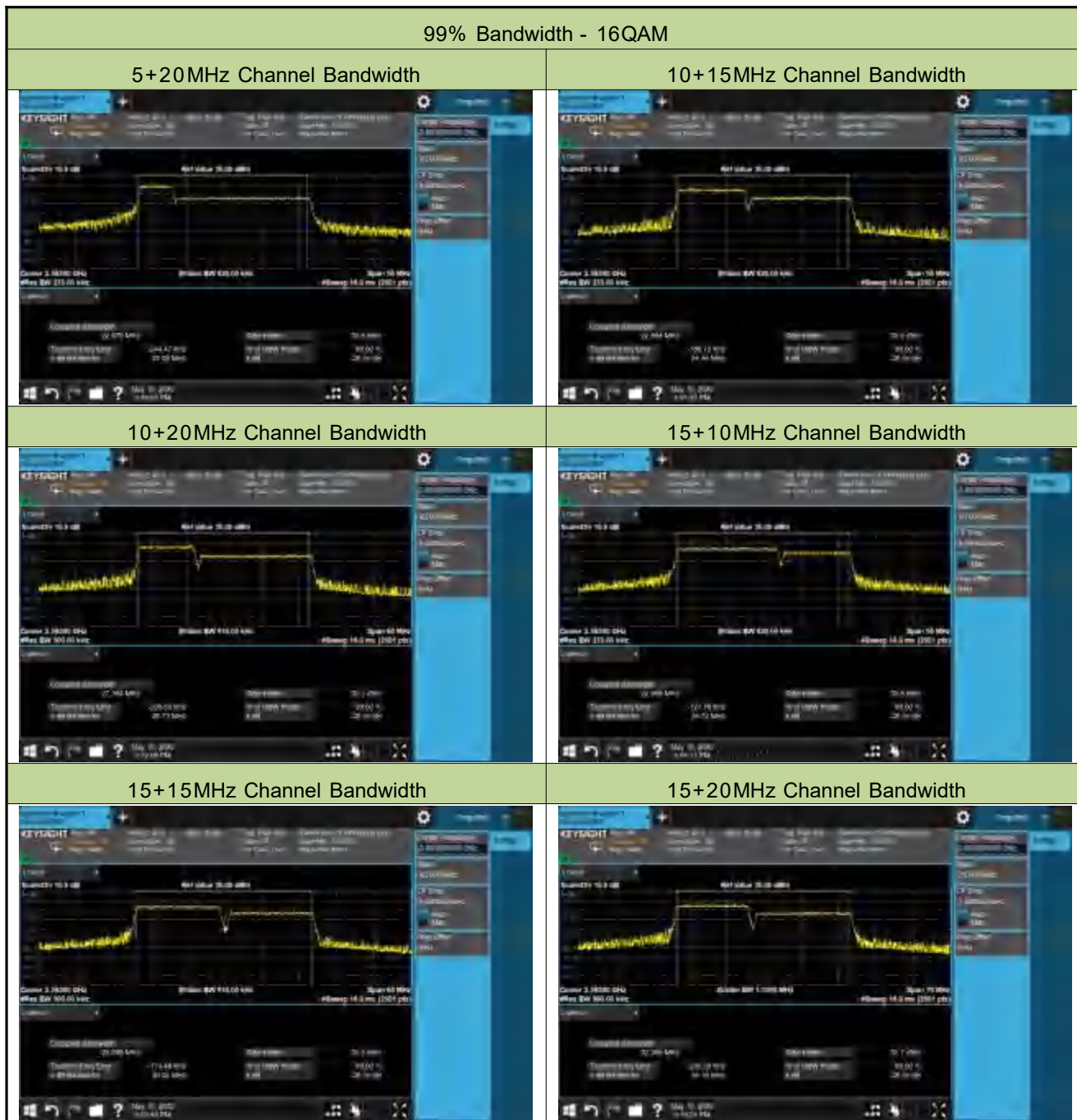
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/10	Test Band	Intra-Band CA_41C

Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	2583.8 + 2595.5	5+20	22.61
	2585.9 + 2597.9	10+15	22.90
	2583.6 + 2598.0	10+20	27.40
	2588.1 + 2600.1	15+10	22.94
	2585.5 + 2600.5	15+15	28.07
	2583.3 + 2600.4	15+20	32.30
	2590.5 + 2602.2	20+5	22.78
	2588.1 + 2602.5	20+10	27.58
	2585.6 + 2602.7	20+15	32.37
	2583.1 + 2602.9	20+20	37.35
16QAM	2583.8 + 2595.5	5+20	22.58
	2585.9 + 2597.9	10+15	22.86
	2583.6 + 2598.0	10+20	27.39
	2588.1 + 2600.1	15+10	22.96
	2585.5 + 2600.5	15+15	28.10
	2583.3 + 2600.4	15+20	32.37
	2590.5 + 2602.2	20+5	22.76
	2588.1 + 2602.5	20+10	27.57
	2585.6 + 2602.7	20+15	32.35
	2583.1 + 2602.9	20+20	37.26
64QAM	2583.8 + 2595.5	5+20	22.53
	2585.9 + 2597.9	10+15	22.86
	2583.6 + 2598.0	10+20	27.41
	2588.1 + 2600.1	15+10	22.94
	2585.5 + 2600.5	15+15	28.04
	2583.3 + 2600.4	15+20	32.30
	2590.5 + 2602.2	20+5	22.76
	2588.1 + 2602.5	20+10	27.54
	2585.6 + 2602.7	20+15	32.43
	2583.1 + 2602.9	20+20	37.27

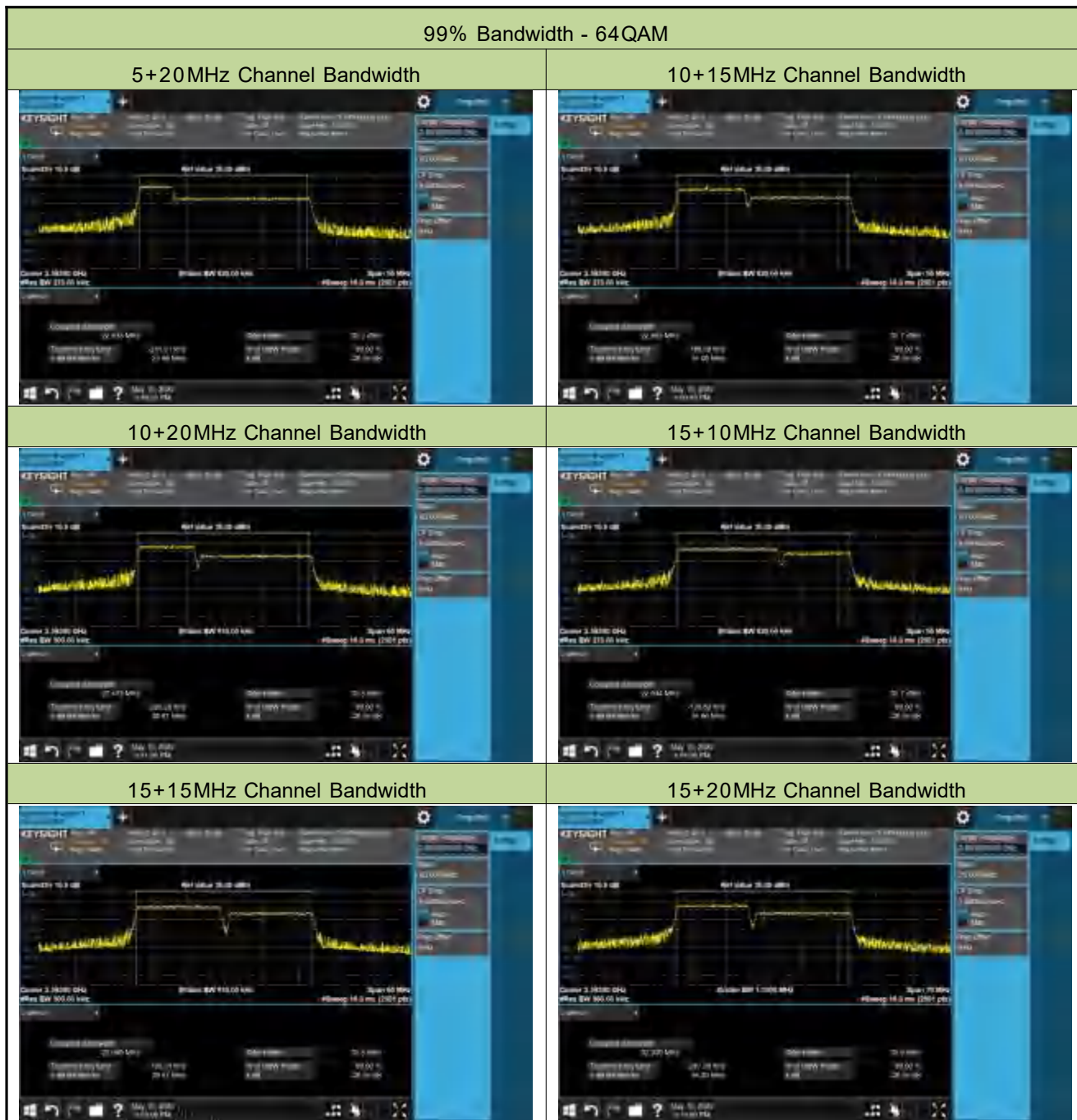
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
256QAM	2583.8 + 2595.5	5+20	22.55
	2585.9 + 2597.9	10+15	22.89
	2583.6 + 2598.0	10+20	27.41
	2588.1 + 2600.1	15+10	22.95
	2585.5 + 2600.5	15+15	28.08
	2583.3 + 2600.4	15+20	32.35
	2590.5 + 2602.2	20+5	22.73
	2588.1 + 2602.5	20+10	27.62
	2585.6 + 2602.7	20+15	32.39
	2583.1 + 2602.9	20+20	37.29

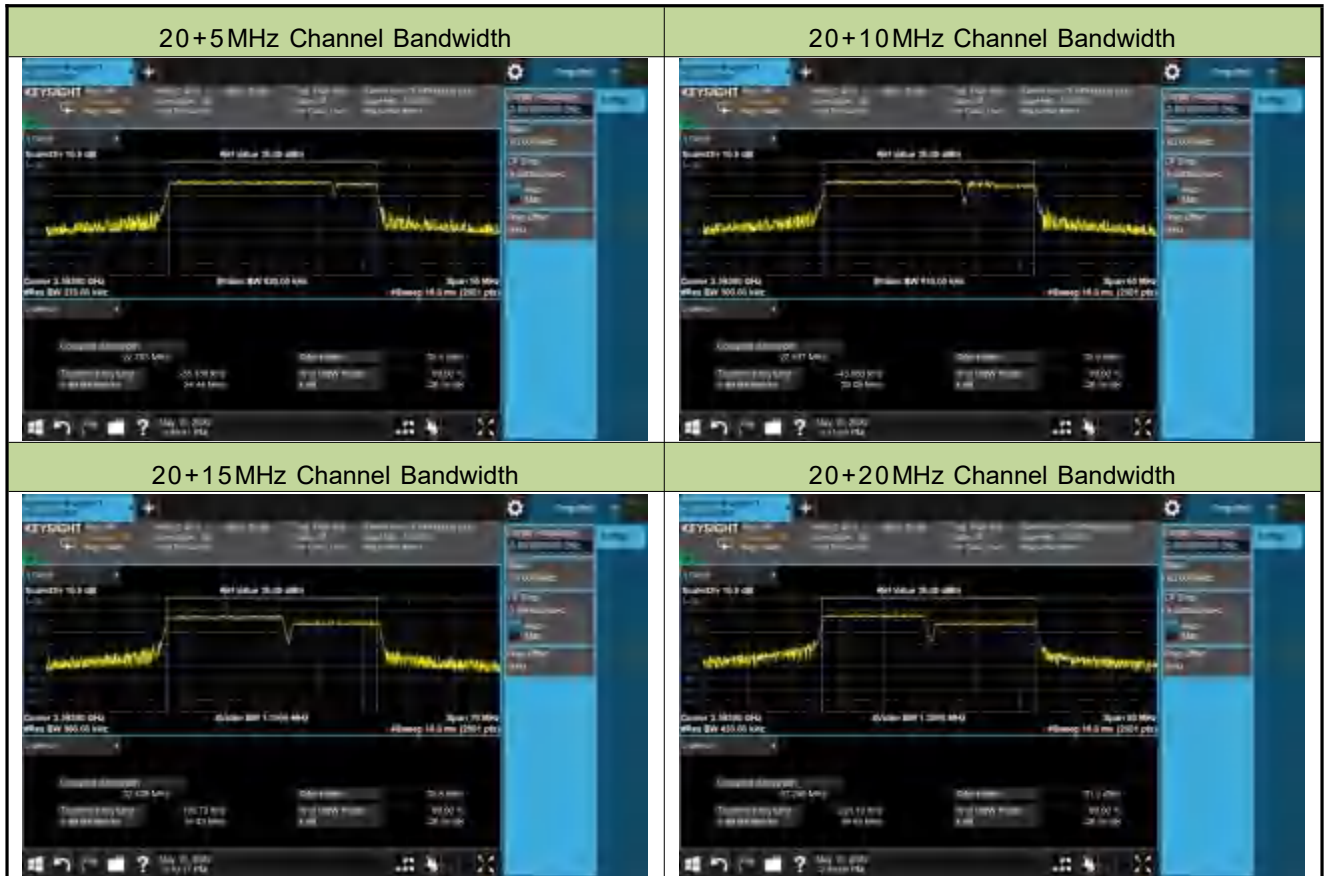


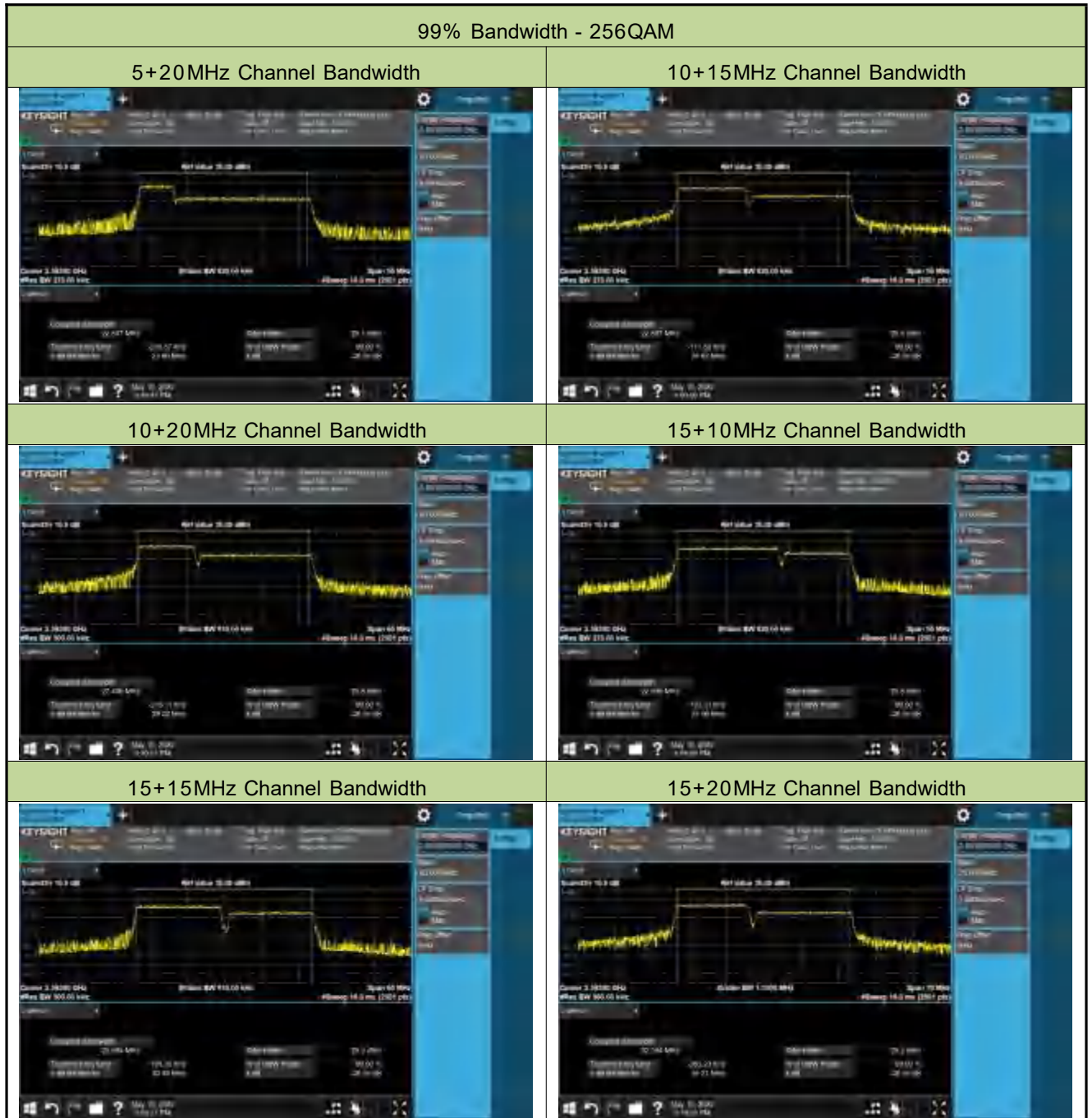








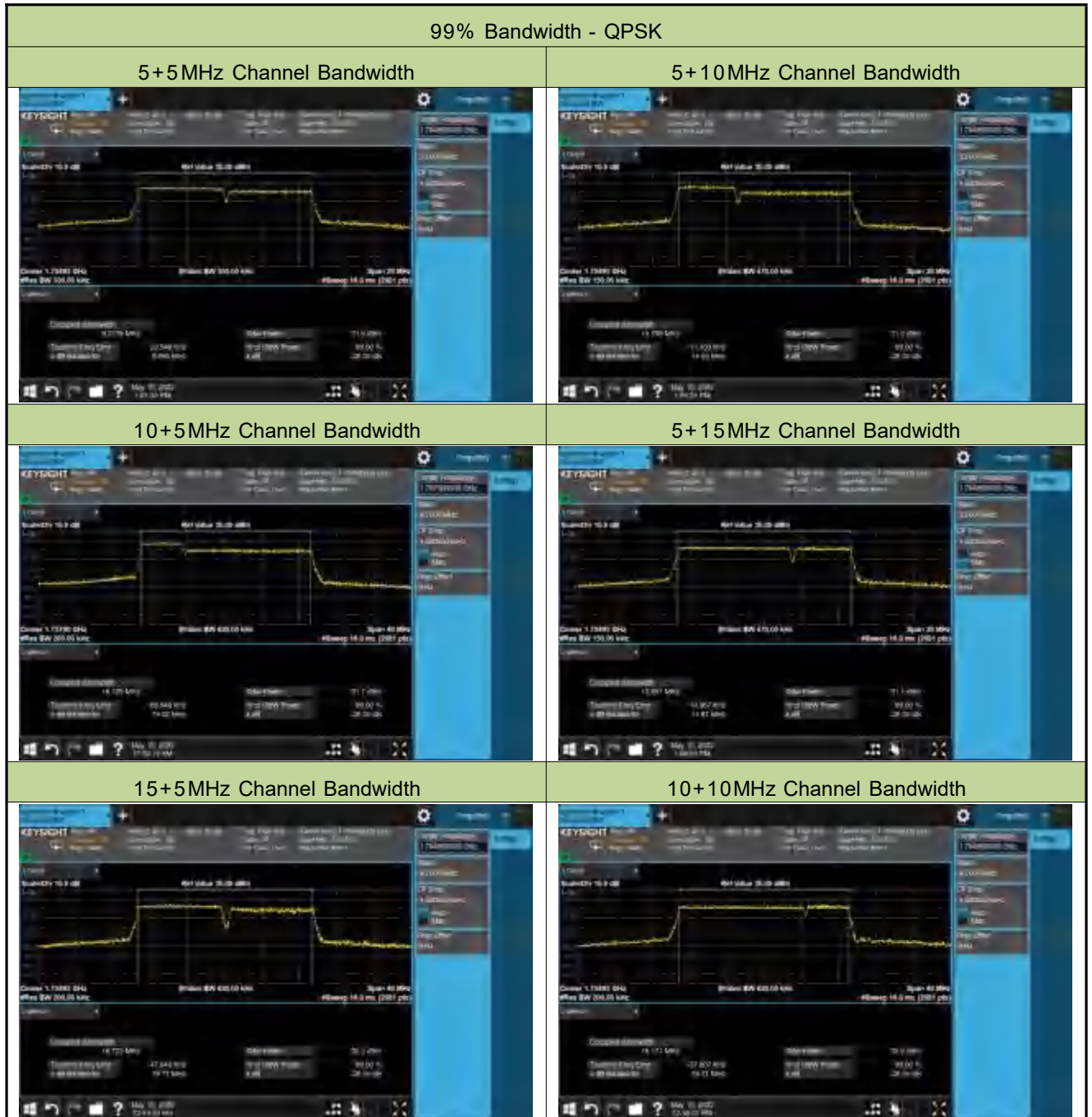


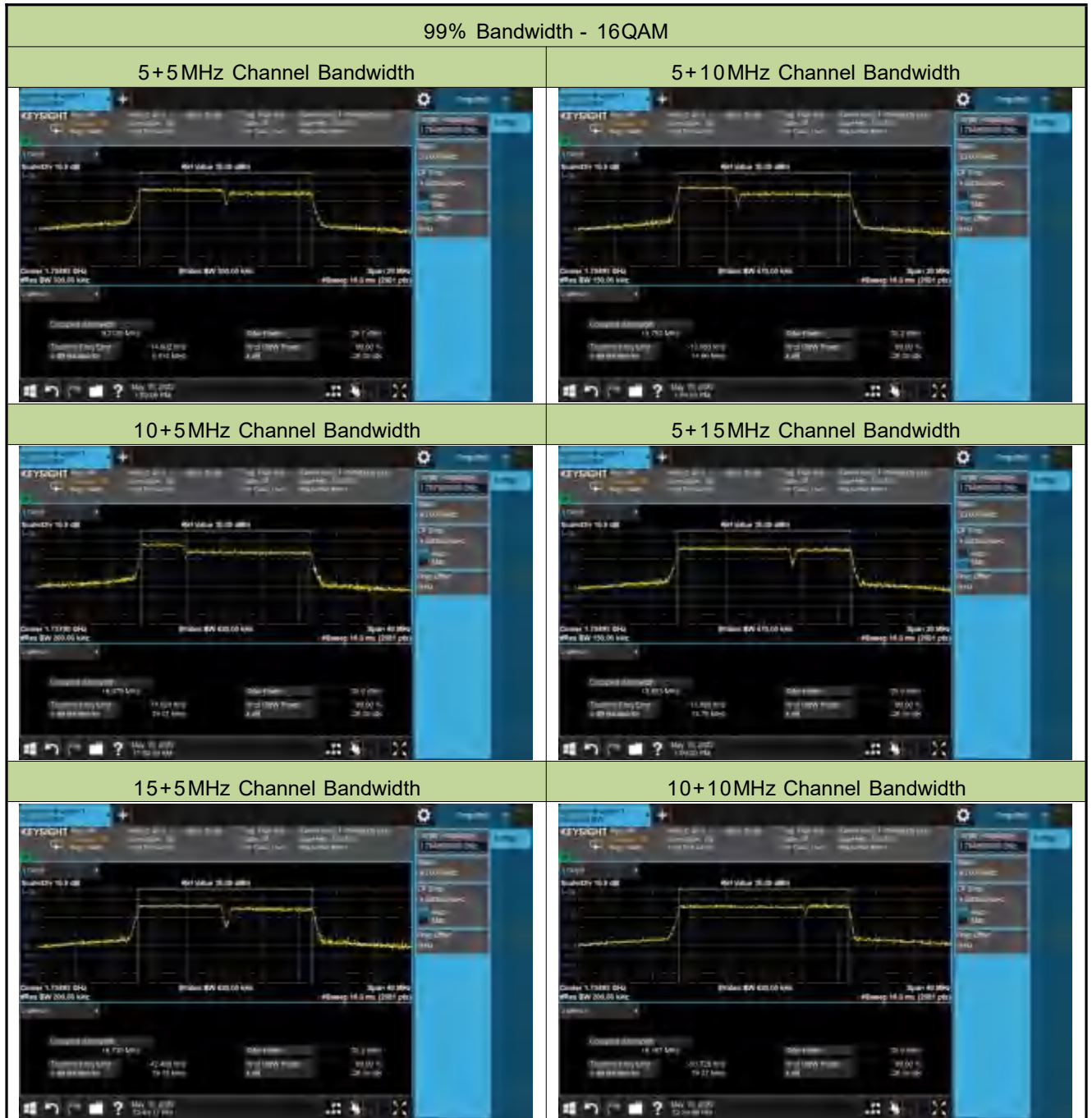


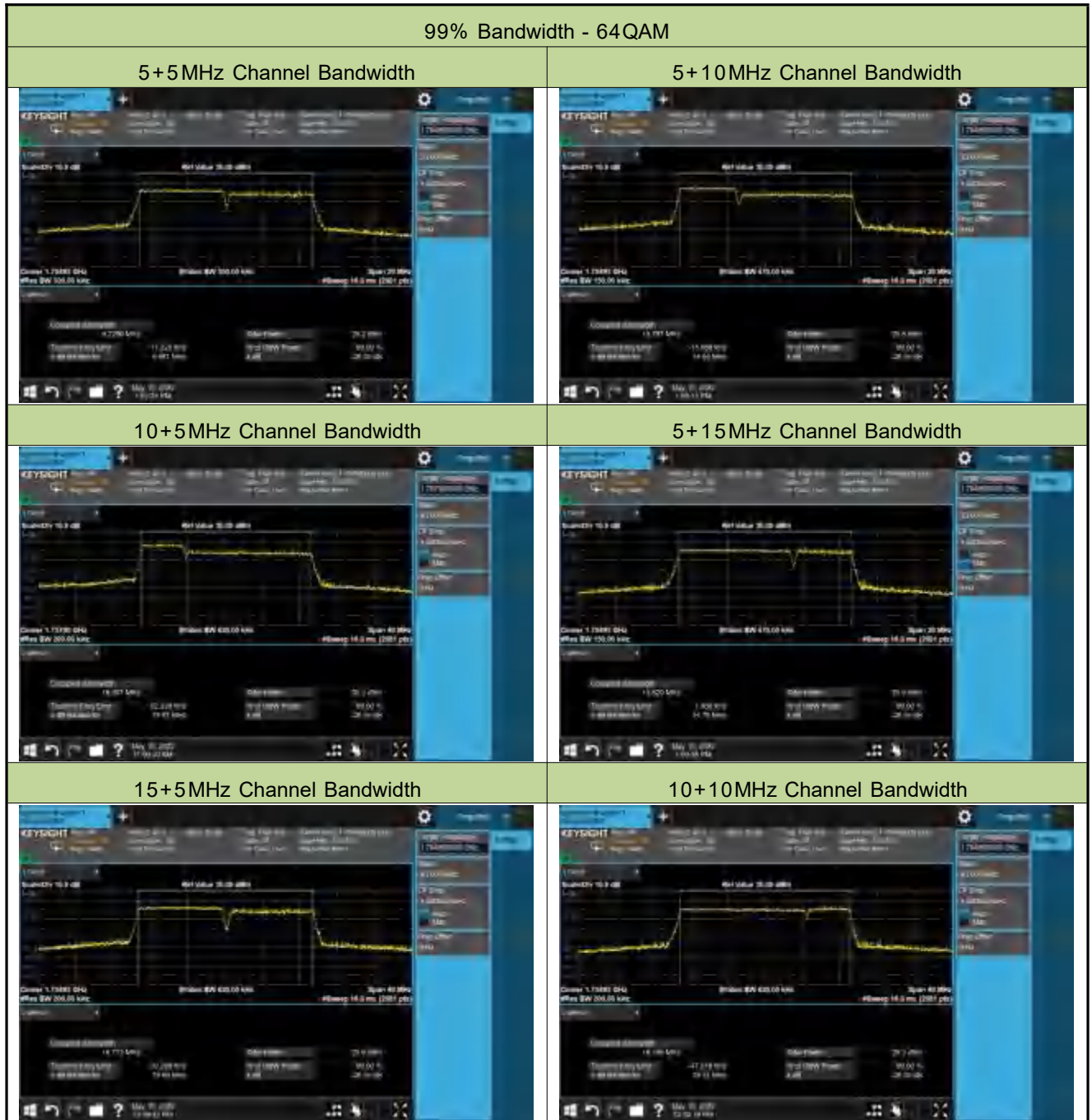


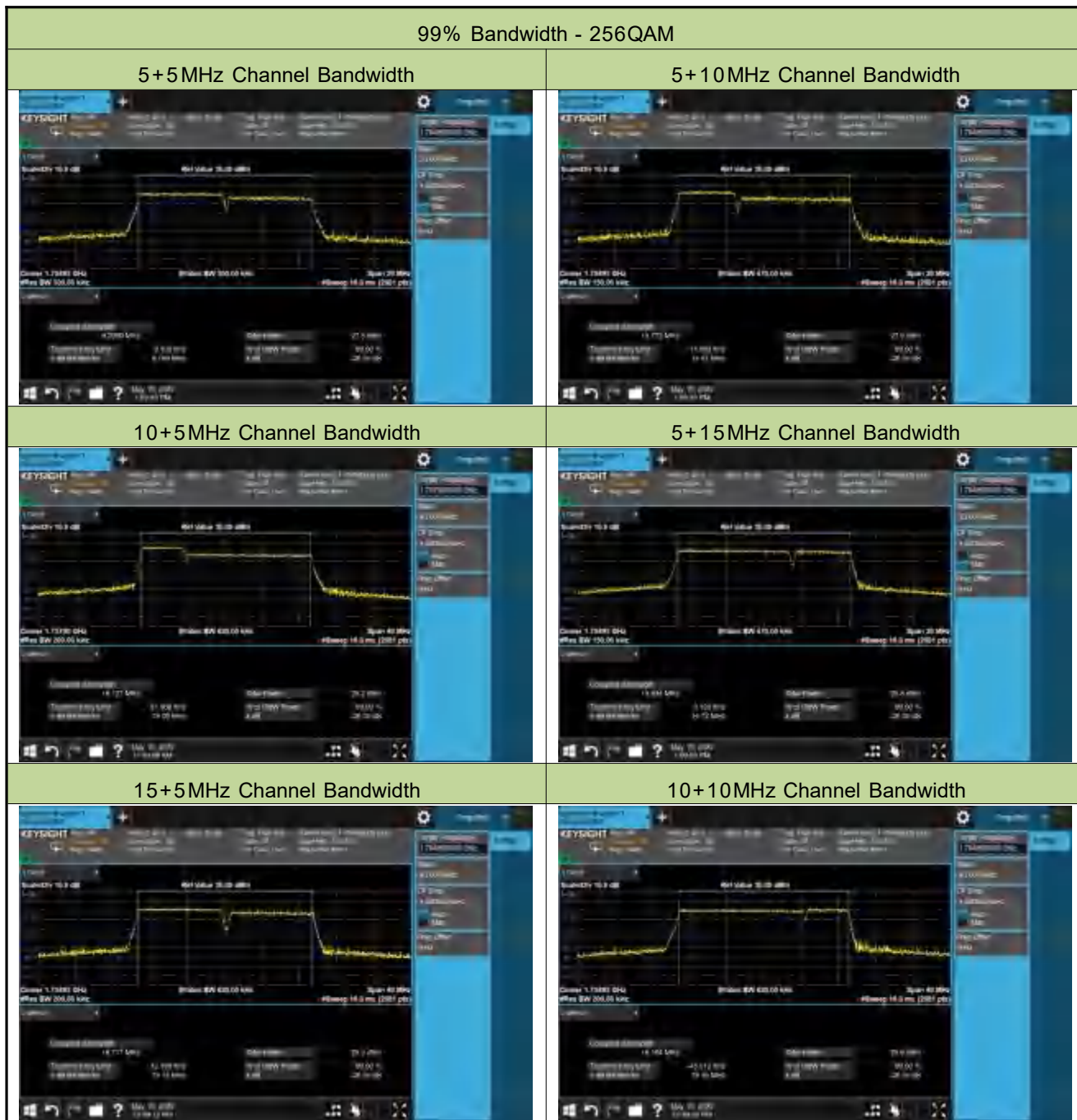
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/15	Test Band	Intra-Band CA_66B

Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	1745.8 + 1757.5	5+5	9.22
	1747.9 + 1759.9	5+10	13.80
	1745.6 + 1760.0	10+5	18.13
	1750.1 + 1762.1	5+15	13.85
	1747.5 + 1762.5	15+5	18.72
	1745.3 + 1762.4	10+10	18.17
16QAM	1745.8 + 1757.5	5+5	9.21
	1747.9 + 1759.9	5+10	13.78
	1745.6 + 1760.0	10+5	18.08
	1750.1 + 1762.1	5+15	13.85
	1747.5 + 1762.5	15+5	18.73
	1745.3 + 1762.4	10+10	18.17
64QAM	1745.8 + 1757.5	5+5	9.23
	1747.9 + 1759.9	5+10	13.79
	1745.6 + 1760.0	10+5	18.06
	1750.1 + 1762.1	5+15	13.82
	1747.5 + 1762.5	15+5	18.71
	1745.3 + 1762.4	10+10	18.20
256QAM	1745.8 + 1757.5	5+5	9.21
	1747.9 + 1759.9	5+10	13.77
	1745.6 + 1760.0	10+5	18.13
	1750.1 + 1762.1	5+15	13.83
	1747.5 + 1762.5	15+5	18.72
	1745.3 + 1762.4	10+10	18.16





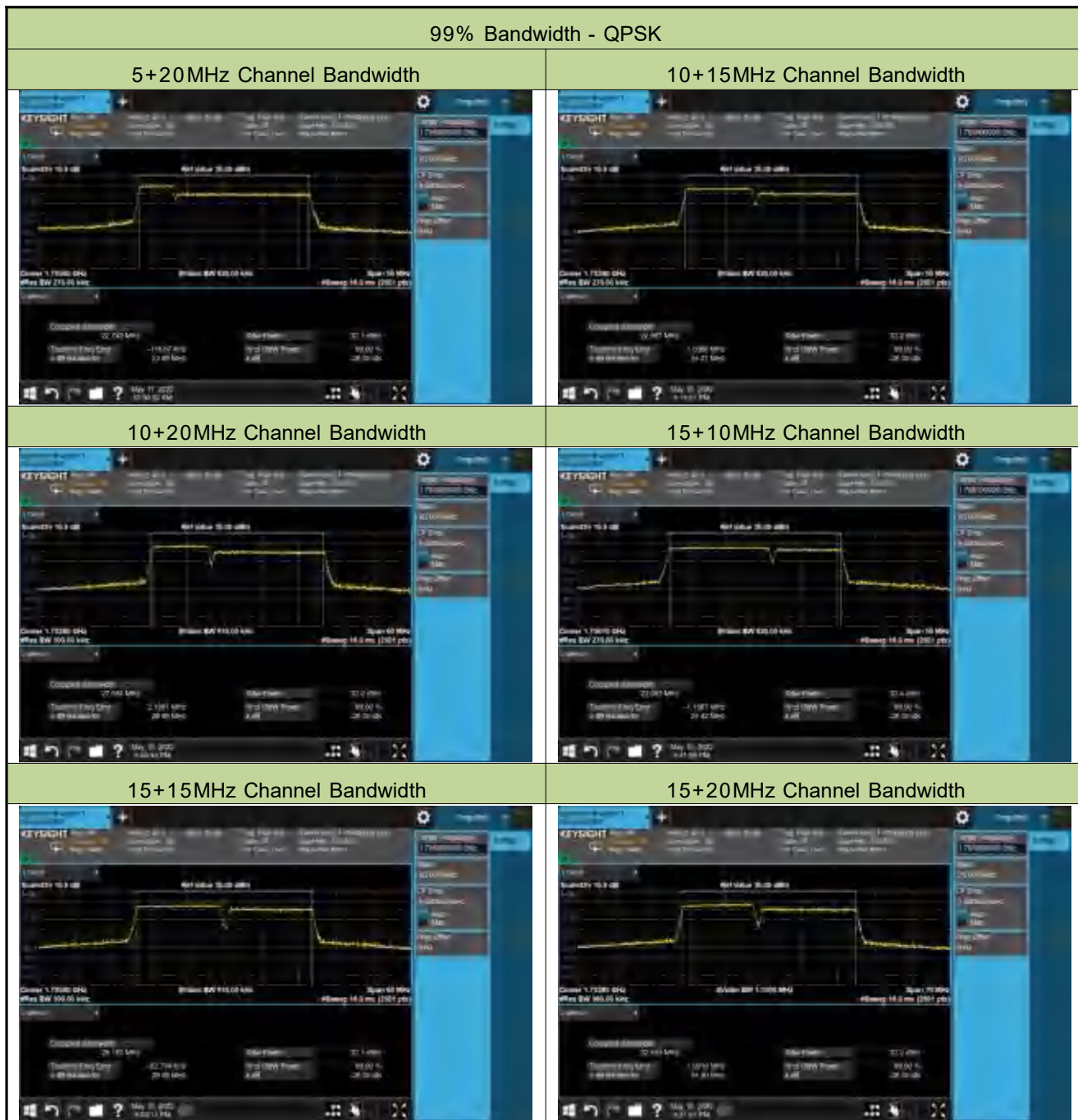


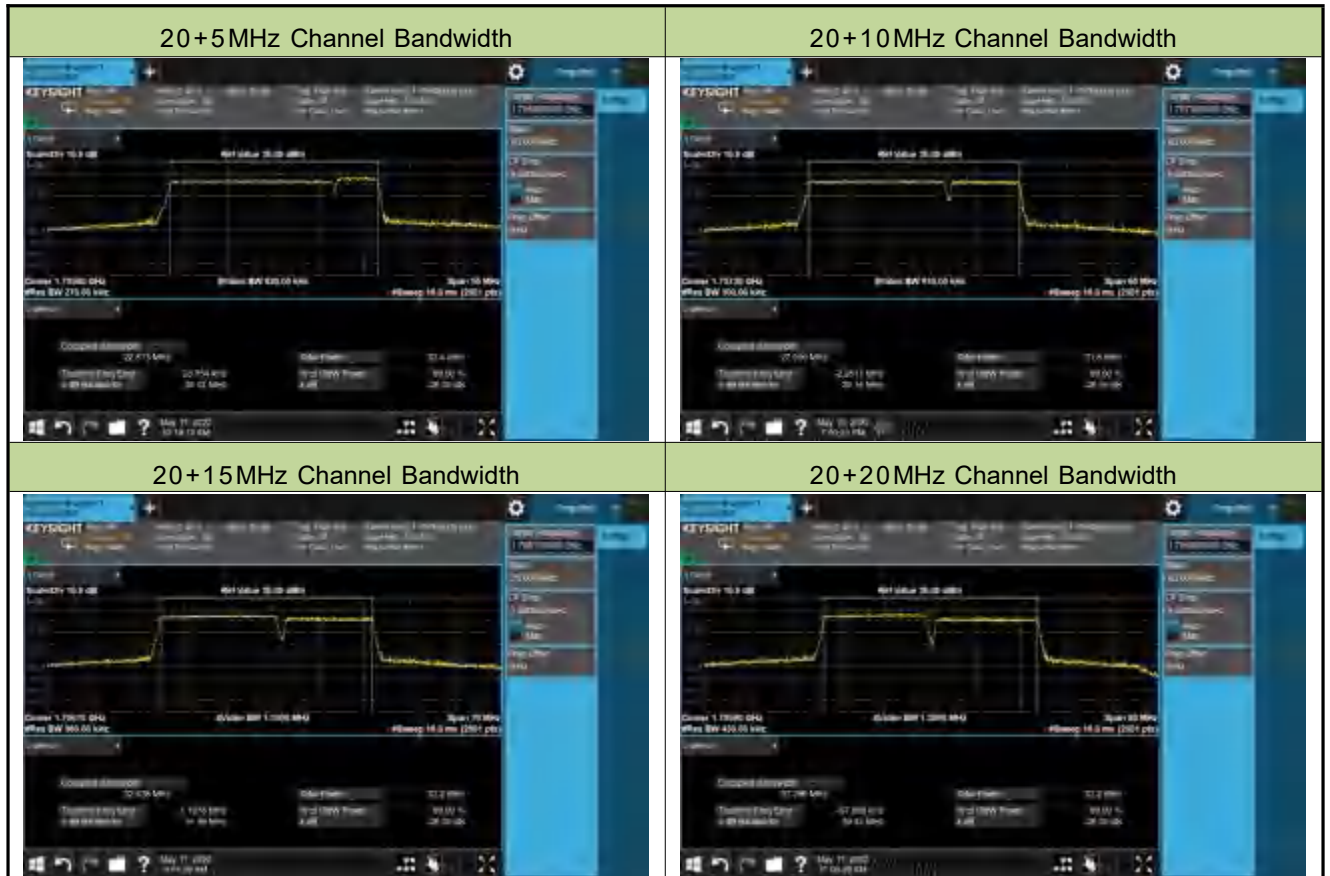


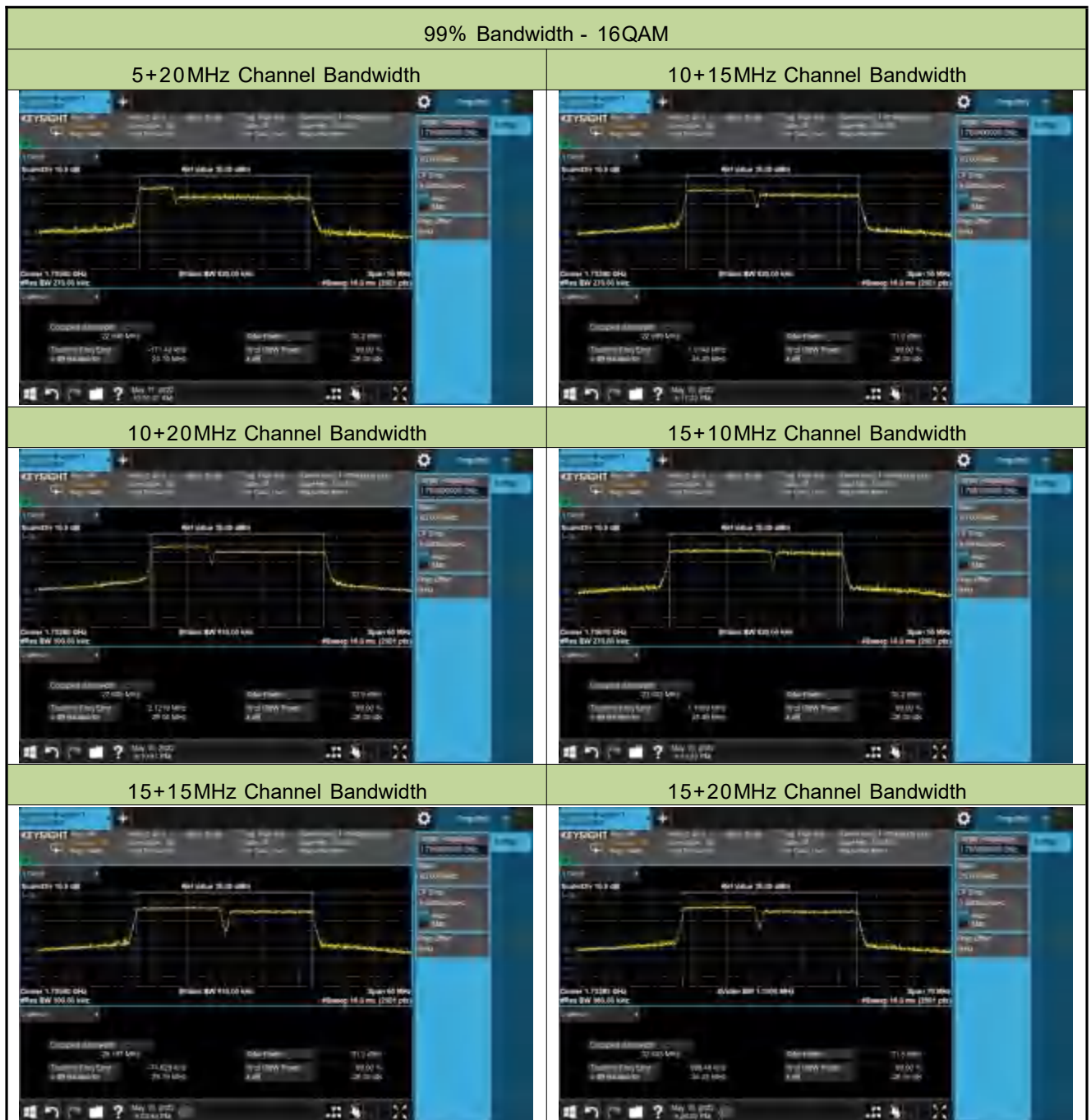
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/10 ~ 2022/05/11	Test Band	Intra-Band CA_66C

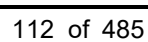
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	1745.8 + 1757.5	5+20	22.74
	1747.9 + 1759.9	10+15	23.00
	1745.6 + 1760.0	10+20	27.59
	1750.1 + 1762.1	15+10	23.05
	1747.5 + 1762.5	15+15	28.18
	1745.3 + 1762.4	15+20	32.46
	1752.5 + 1764.2	20+5	22.81
	1750.1 + 1764.5	20+10	27.65
	1747.6 + 1764.7	20+15	32.53
	1745.1 + 1764.9	20+20	37.40
16QAM	1745.8 + 1757.5	5+20	22.65
	1747.9 + 1759.9	10+15	22.99
	1745.6 + 1760.0	10+20	27.61
	1750.1 + 1762.1	15+10	23.00
	1747.5 + 1762.5	15+15	28.20
	1745.3 + 1762.4	15+20	32.50
	1752.5 + 1764.2	20+5	22.79
	1750.1 + 1764.5	20+10	27.64
	1747.6 + 1764.7	20+15	32.52
	1745.1 + 1764.9	20+20	37.37
64QAM	1745.8 + 1757.5	5+20	22.64
	1747.9 + 1759.9	10+15	22.96
	1745.6 + 1760.0	10+20	27.50
	1750.1 + 1762.1	15+10	23.03
	1747.5 + 1762.5	15+15	28.16
	1745.3 + 1762.4	15+20	32.43
	1752.5 + 1764.2	20+5	22.80
	1750.1 + 1764.5	20+10	27.61
	1747.6 + 1764.7	20+15	32.52
	1745.1 + 1764.9	20+20	37.39

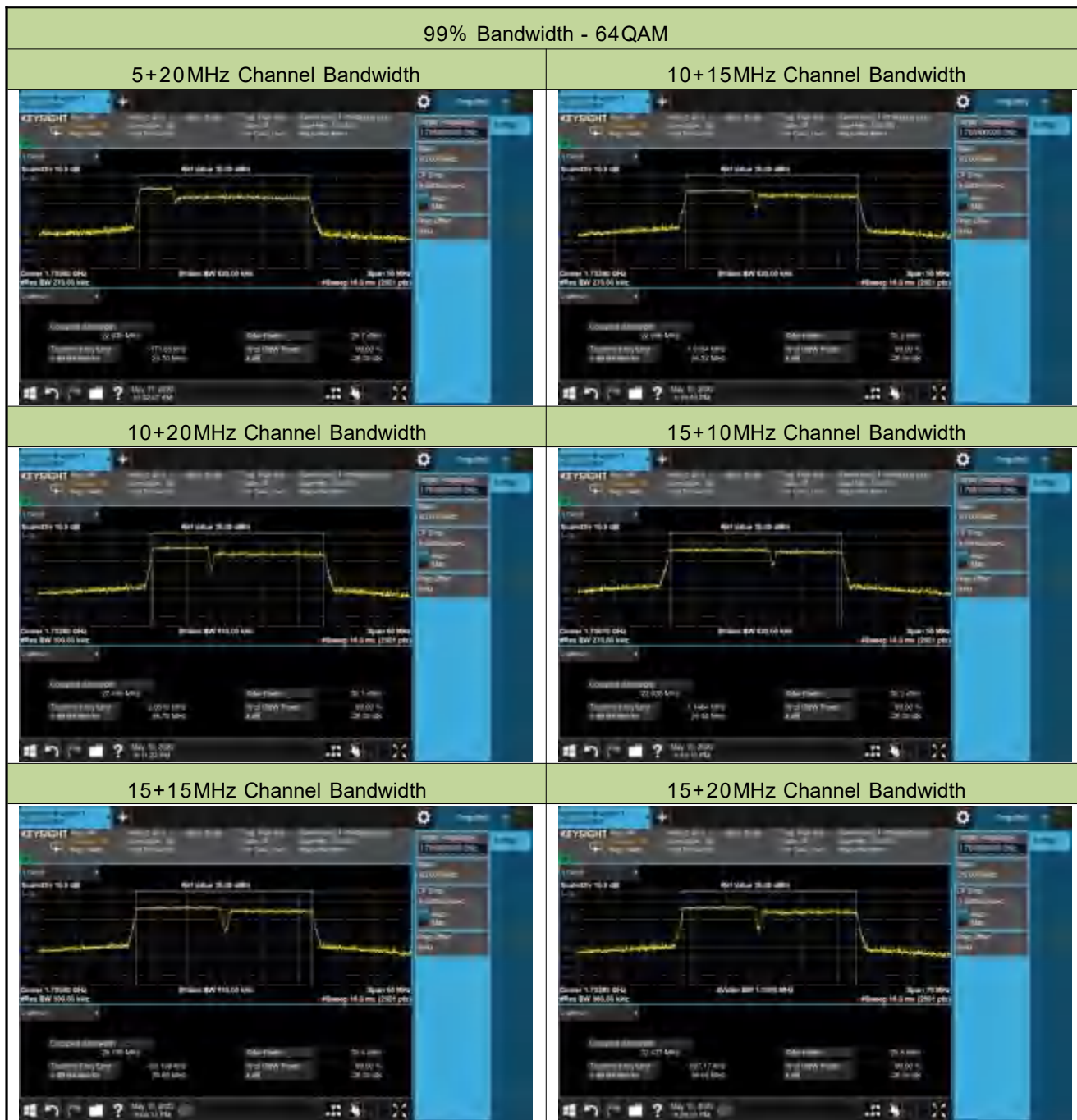
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
256QAM	1745.8 + 1757.5	5+20	22.72
	1747.9 + 1759.9	10+15	22.99
	1745.6 + 1760.0	10+20	27.55
	1750.1 + 1762.1	15+10	23.02
	1747.5 + 1762.5	15+15	28.22
	1745.3 + 1762.4	15+20	32.47
	1752.5 + 1764.2	20+5	22.78
	1750.1 + 1764.5	20+10	27.63
	1747.6 + 1764.7	20+15	32.52
	1745.1 + 1764.9	20+20	37.31

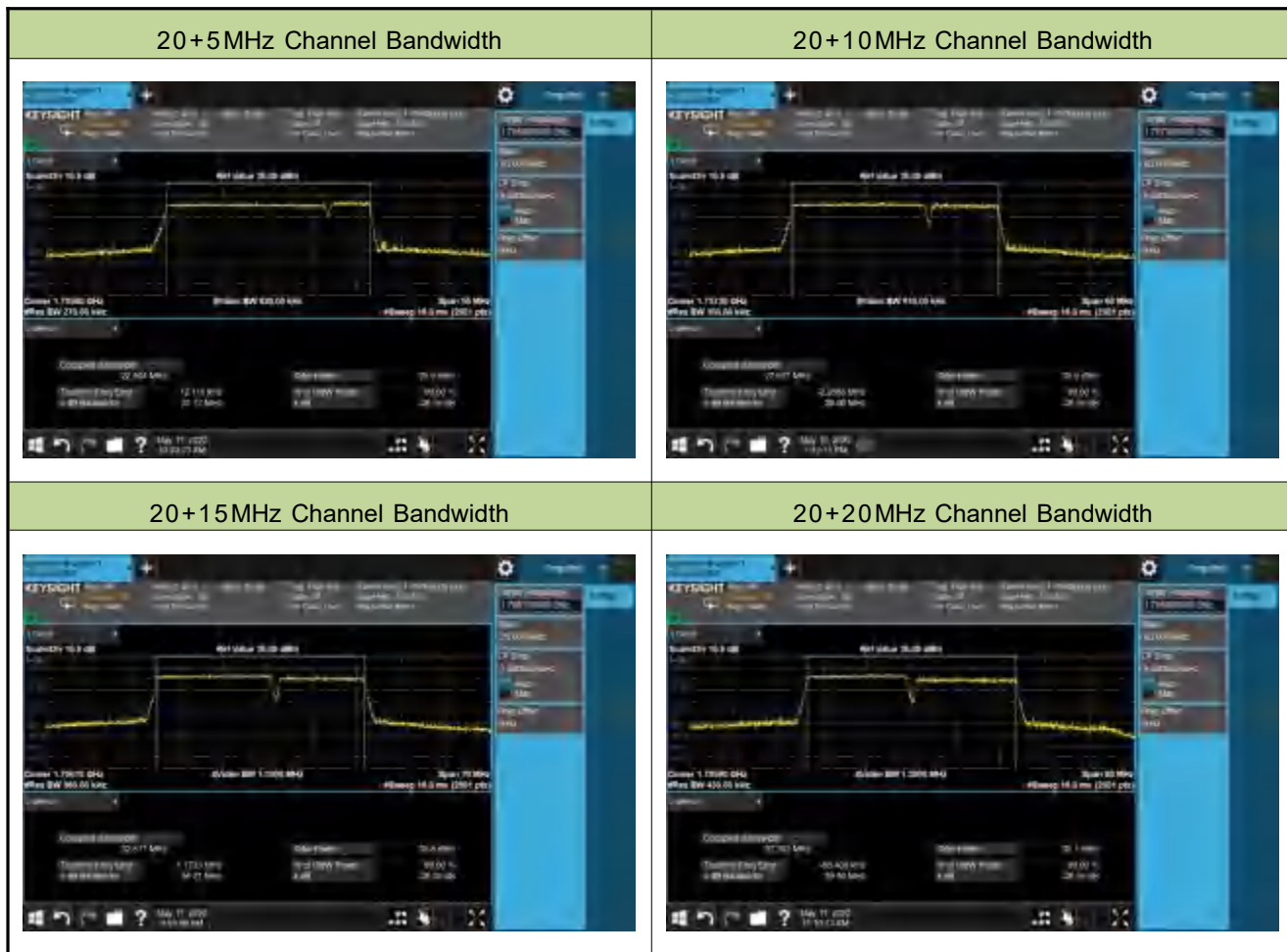


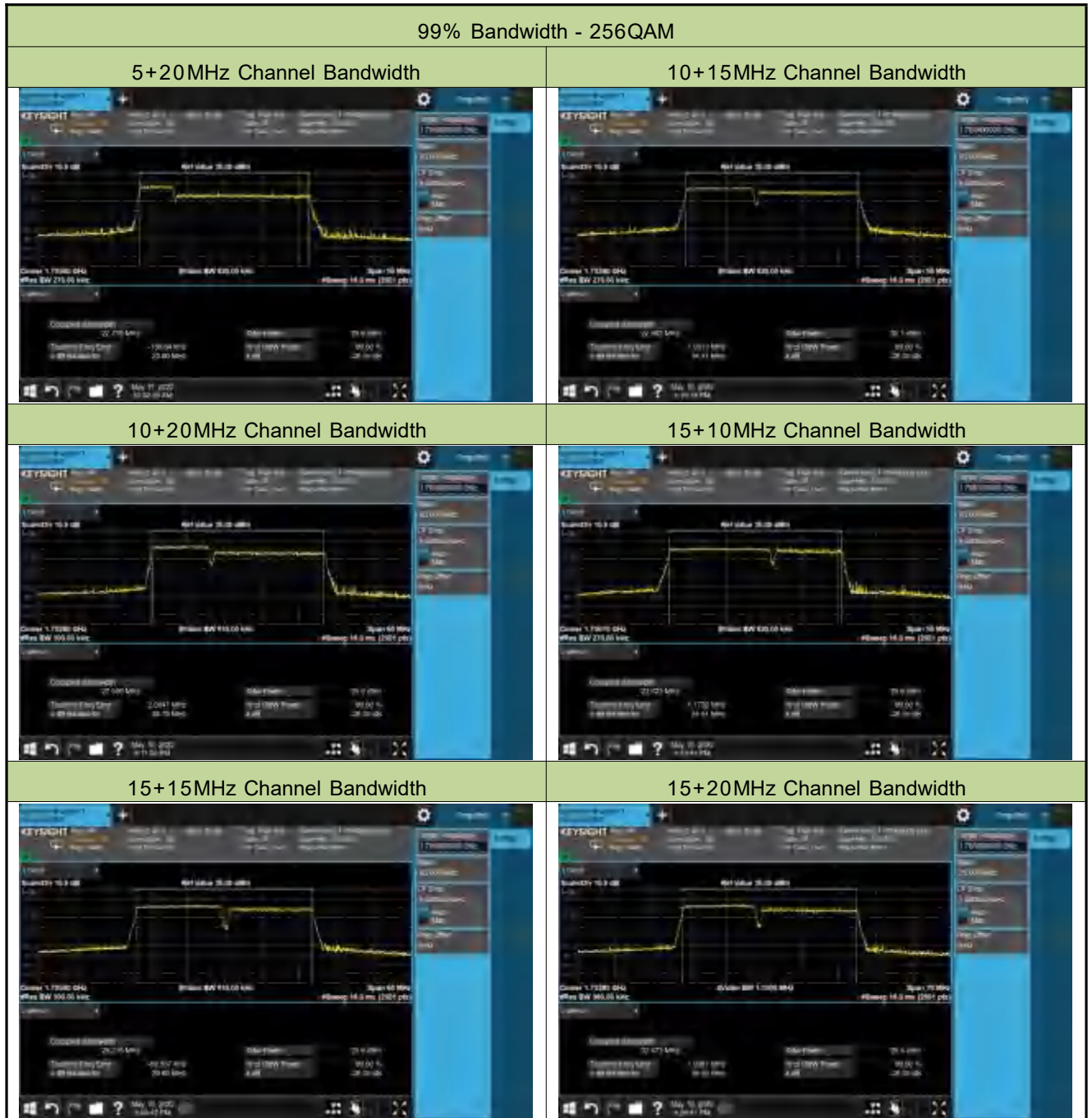


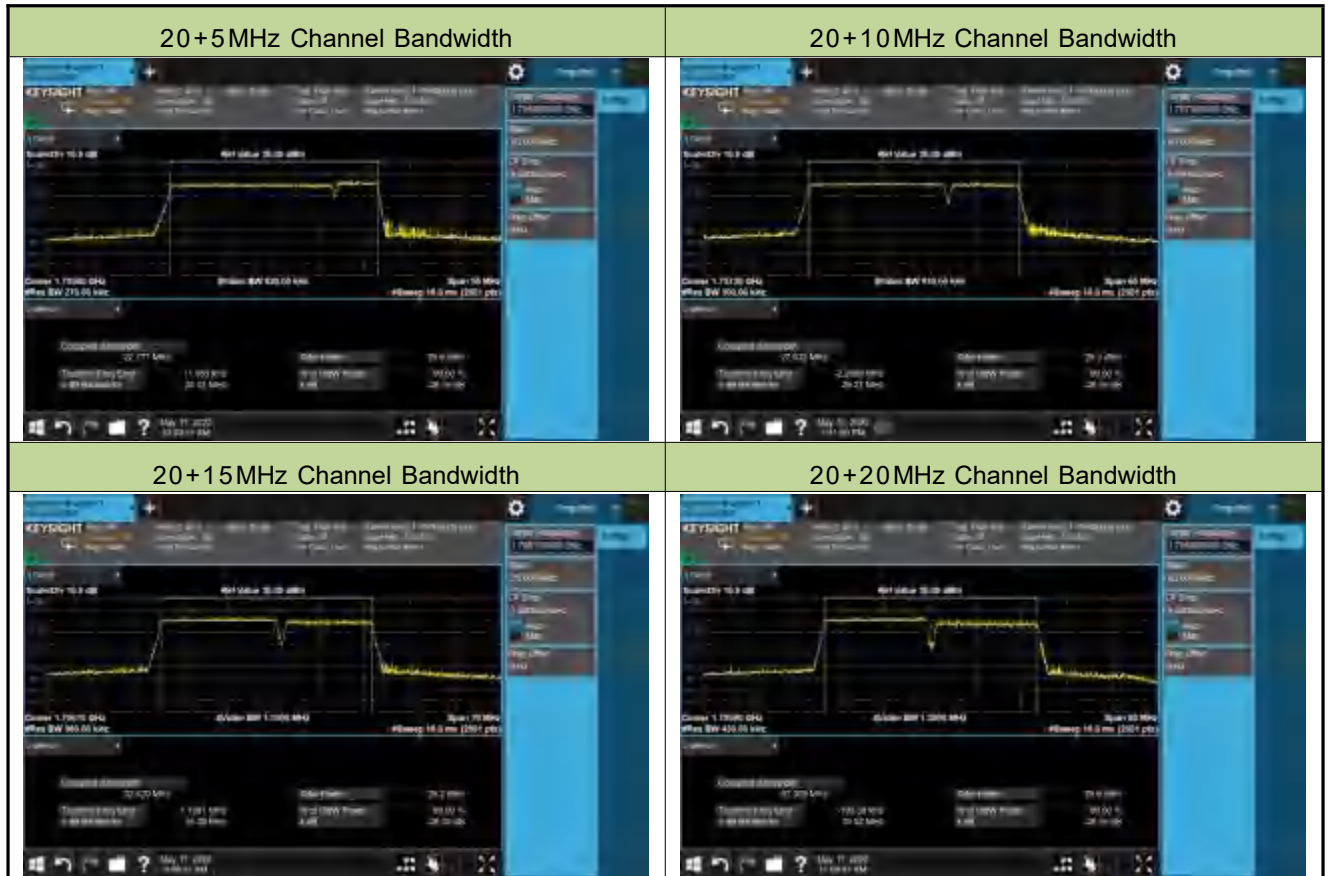












A.2 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 2/25

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	0.0010
	- 20	0.0016
	- 10	0.0019
	0	0.0007
	+ 10	-0.0008
	+ 20	-0.0012
	+ 30	-0.0011
	+ 40	-0.0012
	+ 50	-0.0015
4.4	+ 20	-0.0002
3.3	+ 20	-0.0014



Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 4/66

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	0.0035
	- 20	0.0022
	- 10	0.0025
	0	0.0008
	+ 10	0.0033
	+ 20	-0.0007
	+ 30	-0.0013
	+ 40	-0.0012
	+ 50	-0.0008
4.4	+ 20	-0.0022
3.3	+ 20	-0.0025



Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 5/26

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	0.0035
	- 20	0.0022
	- 10	0.0025
	0	0.0008
	+ 10	0.0033
	+ 20	-0.0007
	+ 30	-0.0013
	+ 40	-0.0012
	+ 50	-0.0008
4.4	+ 20	-0.0022
3.3	+ 20	-0.0025



Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 7

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	0.0022
	- 20	0.0026
	- 10	-0.0009
	0	0.0004
	+ 10	0.0013
	+ 20	0.0016
	+ 30	0.0009
	+ 40	0.0009
	+ 50	0.0010
4.4	+ 20	0.0017
3.3	+ 20	0.0017



Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 12

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	-0.0025
	- 20	0.0017
	- 10	0.0011
	0	0.0008
	+ 10	-0.0021
	+ 20	0.0016
	+ 30	0.0028
	+ 40	-0.0033
	+ 50	0.0035
4.4	+ 20	0.0027
3.3	+ 20	0.0008



Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 13

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	0.0010
	- 20	-0.0017
	- 10	0.0017
	0	-0.0006
	+ 10	0.0009
	+ 20	-0.0022
	+ 30	-0.0029
	+ 40	0.0004
	+ 50	0.0015
4.4	+ 20	0.0020
3.3	+ 20	0.0008



Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 17

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	0.0018
	- 20	0.0025
	- 10	0.0016
	0	0.0009
	+ 10	0.0028
	+ 20	-0.0018
	+ 30	-0.0008
	+ 40	0.0009
	+ 50	0.0016
4.4	+ 20	-0.0013
3.3	+ 20	-0.0004



Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 38/41_HPUE

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	0.0008
	- 20	0.0011
	- 10	0.0016
	0	0.0015
	+ 10	-0.0005
	+ 20	0.0008
	+ 30	0.0017
	+ 40	-0.0006
	+ 50	-0.0005
4.4	+ 20	0.0005
3.3	+ 20	-0.0008



Test Site	WZ-TR3	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 71

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.8	- 30	-0.0028
	- 20	0.0009
	- 10	-0.0019
	0	-0.0022
	+ 10	0.0012
	+ 20	-0.0009
	+ 30	-0.0045
	+ 40	-0.0026
	+ 50	0.0023
4.4	+ 20	-0.0022
3.3	+ 20	-0.0010

A.3 Equivalent Isotropically Radited Power Test Result

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 2/25

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1850.70	1.4	1	0	23.01	24.38	< 33.01
1882.50				23.36	24.73	< 33.01
1914.30				23.07	24.44	< 33.01
1850.70	1.4	1	2	22.96	24.33	< 33.01
1882.50				23.21	24.58	< 33.01
1914.30				23.15	24.52	< 33.01
1850.70	1.4	1	6	22.96	24.33	< 33.01
1882.50				23.26	24.63	< 33.01
1914.30				23.10	24.47	< 33.01
1850.70	1.4	6	0	22.58	23.95	< 33.01
1882.50				22.77	24.14	< 33.01
1914.30				22.69	24.06	< 33.01
1851.50	3	1	0	23.07	24.44	< 33.01
1882.50				23.18	24.55	< 33.01
1913.50				23.03	24.4	< 33.01
1851.50	3	1	7	23.17	24.54	< 33.01
1882.50				23.31	24.68	< 33.01
1913.50				23.10	24.47	< 33.01
1851.50	3	1	14	23.10	24.47	< 33.01
1882.50				23.02	24.39	< 33.01
1913.50				23.14	24.51	< 33.01
1851.50	3	15	0	22.69	24.06	< 33.01
1882.50				22.56	23.93	< 33.01
1913.50				22.71	24.08	< 33.01

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1852.50	5	1	0	23.03	24.40	< 33.01
1882.50				23.04	24.41	< 33.01
1912.50				23.36	24.73	< 33.01
1852.50	5	1	12	23.10	24.47	< 33.01
1882.50				23.19	24.56	< 33.01
1912.50				23.27	24.64	< 33.01
1852.50	5	1	24	23.12	24.49	< 33.01
1882.50				23.09	24.46	< 33.01
1912.50				23.16	24.53	< 33.01
1852.50	5	25	0	22.59	23.96	< 33.01
1882.50				22.70	24.07	< 33.01
1912.50				22.74	24.11	< 33.01
1855.00	10	1	0	23.03	24.40	< 33.01
1882.50				22.98	24.35	< 33.01
1910.00				23.16	24.53	< 33.01
1855.00	10	1	24	23.18	24.55	< 33.01
1882.50				23.06	24.43	< 33.01
1910.00				23.26	24.63	< 33.01
1855.00	10	1	49	23.04	24.41	< 33.01
1882.50				23.07	24.44	< 33.01
1910.00				23.19	24.56	< 33.01
1855.00	10	50	0	22.67	24.04	< 33.01
1882.50				22.70	24.07	< 33.01
1910.00				22.78	24.15	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1857.50	15	1	0	23.13	24.50	< 33.01
1882.50				23.06	24.43	< 33.01
1907.50				23.11	24.48	< 33.01
1857.50	15	1	37	22.87	24.24	< 33.01
1882.50				23.11	24.48	< 33.01
1907.50				23.03	24.40	< 33.01
1857.50	15	1	74	23.23	24.60	< 33.01
1882.50				23.17	24.54	< 33.01
1907.50				23.06	24.43	< 33.01
1857.50	15	75	0	22.57	23.94	< 33.01
1882.50				22.74	24.11	< 33.01
1907.50				22.57	23.94	< 33.01
1860.00	20	1	0	23.31	24.68	< 33.01
1882.50				22.99	24.36	< 33.01
1905.00				23.15	24.52	< 33.01
1860.00	20	1	49	22.98	24.35	< 33.01
1882.50				23.07	24.44	< 33.01
1905.00				23.28	24.65	< 33.01
1860.00	20	1	99	23.27	24.64	< 33.01
1882.50				23.45	24.82	< 33.01
1905.00				23.41	24.78	< 33.01
1860.00	20	100	0	22.58	23.95	< 33.01
1882.50				22.63	24.00	< 33.01
1905.00				22.68	24.05	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1850.70	1.4	1	0	22.58	23.95	< 33.01
1882.50				22.85	24.22	< 33.01
1914.30				22.57	23.94	< 33.01
1850.70	1.4	1	2	22.42	23.79	< 33.01
1882.50				22.67	24.04	< 33.01
1914.30				22.67	24.04	< 33.01
1850.70	1.4	1	6	22.45	23.82	< 33.01
1882.50				22.76	24.13	< 33.01
1914.30				22.63	24.00	< 33.01
1850.70	1.4	6	0	21.54	22.91	< 33.01
1882.50				21.71	23.08	< 33.01
1914.30				21.56	22.93	< 33.01
1851.50	3	1	0	22.57	23.94	< 33.01
1882.50				22.99	24.36	< 33.01
1913.50				22.71	24.08	< 33.01
1851.50	3	1	7	22.67	24.04	< 33.01
1882.50				23.13	24.50	< 33.01
1913.50				22.96	24.33	< 33.01
1851.50	3	1	14	22.63	24.00	< 33.01
1882.50				22.45	23.82	< 33.01
1913.50				23.05	24.42	< 33.01
1851.50	3	15	0	21.56	22.93	< 33.01
1882.50				21.59	22.96	< 33.01
1913.50				21.71	23.08	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1852.50	5	1	0	22.73	24.10	< 33.01
1882.50				23.13	24.50	< 33.01
1912.50				22.99	24.36	< 33.01
1852.50	5	1	12	22.71	24.08	< 33.01
1882.50				23.12	24.49	< 33.01
1912.50				23.05	24.42	< 33.01
1852.50	5	1	24	22.82	24.19	< 33.01
1882.50				22.78	24.15	< 33.01
1912.50				23.05	24.42	< 33.01
1852.50	5	25	0	21.67	23.04	< 33.01
1882.50				21.65	23.02	< 33.01
1912.50				21.76	23.13	< 33.01
1855.00	10	1	0	22.83	24.20	< 33.01
1882.50				22.57	23.94	< 33.01
1910.00				22.99	24.36	< 33.01
1855.00	10	1	24	22.88	24.25	< 33.01
1882.50				22.54	23.91	< 33.01
1910.00				22.98	24.35	< 33.01
1855.00	10	1	49	22.73	24.10	< 33.01
1882.50				22.83	24.20	< 33.01
1910.00				22.94	24.31	< 33.01
1855.00	10	50	0	21.68	23.05	< 33.01
1882.50				21.71	23.08	< 33.01
1910.00				21.82	23.19	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1857.50	15	1	0	22.52	23.89	< 33.01
1882.50				22.74	24.11	< 33.01
1907.50				22.52	23.89	< 33.01
1857.50	15	1	37	22.72	24.09	< 33.01
1882.50				22.68	24.05	< 33.01
1907.50				22.85	24.22	< 33.01
1857.50	15	1	74	22.72	24.09	< 33.01
1882.50				22.97	24.34	< 33.01
1907.50				22.83	24.20	< 33.01
1857.50	15	75	0	21.66	23.03	< 33.01
1882.50				21.65	23.02	< 33.01
1907.50				21.69	23.06	< 33.01
1860.00	20	1	0	22.65	24.02	< 33.01
1882.50				23.38	24.75	< 33.01
1905.00				23.07	24.44	< 33.01
1860.00	20	1	49	22.53	23.90	< 33.01
1882.50				22.78	24.15	< 33.01
1905.00				22.74	24.11	< 33.01
1860.00	20	1	99	22.89	24.26	< 33.01
1882.50				22.93	24.30	< 33.01
1905.00				22.84	24.21	< 33.01
1860.00	20	100	0	21.64	23.01	< 33.01
1882.50				21.66	23.03	< 33.01
1905.00				21.71	23.08	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1850.70	1.4	1	0	21.64	23.01	< 33.01
1882.50				21.79	23.16	< 33.01
1914.30				21.54	22.91	< 33.01
1850.70	1.4	1	2	21.58	22.95	< 33.01
1882.50				21.83	23.20	< 33.01
1914.30				21.62	22.99	< 33.01
1850.70	1.4	1	6	21.63	23.00	< 33.01
1882.50				21.79	23.16	< 33.01
1914.30				21.60	22.97	< 33.01
1850.70	1.4	6	0	20.52	21.89	< 33.01
1882.50				20.63	22.00	< 33.01
1914.30				20.53	21.90	< 33.01
1851.50	3	1	0	21.63	23.00	< 33.01
1882.50				21.77	23.14	< 33.01
1913.50				21.48	22.85	< 33.01
1851.50	3	1	7	21.57	22.94	< 33.01
1882.50				21.79	23.16	< 33.01
1913.50				21.51	22.88	< 33.01
1851.50	3	1	14	21.60	22.97	< 33.01
1882.50				21.86	23.23	< 33.01
1913.50				21.64	23.01	< 33.01
1851.50	3	15	0	20.58	21.95	< 33.01
1882.50				20.66	22.03	< 33.01
1913.50				20.62	21.99	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1852.50	5	1	0	21.53	22.90	< 33.01
1882.50				21.91	23.28	< 33.01
1912.50				21.65	23.02	< 33.01
1852.50	5	1	12	21.55	22.92	< 33.01
1882.50				21.96	23.33	< 33.01
1912.50				21.68	23.05	< 33.01
1852.50	5	1	24	21.58	22.95	< 33.01
1882.50				21.75	23.12	< 33.01
1912.50				21.59	22.96	< 33.01
1852.50	5	25	0	20.56	21.93	< 33.01
1882.50				20.58	21.95	< 33.01
1912.50				20.61	21.98	< 33.01
1855.00	10	1	0	21.57	22.94	< 33.01
1882.50				21.73	23.10	< 33.01
1910.00				21.56	22.93	< 33.01
1855.00	10	1	24	21.68	23.05	< 33.01
1882.50				21.77	23.14	< 33.01
1910.00				21.73	23.10	< 33.01
1855.00	10	1	49	21.56	22.93	< 33.01
1882.50				21.72	23.09	< 33.01
1910.00				21.79	23.16	< 33.01
1855.00	10	50	0	20.59	21.96	< 33.01
1882.50				20.73	22.10	< 33.01
1910.00				20.68	22.05	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1857.50	15	1	0	21.57	22.94	< 33.01
1882.50				21.68	23.05	< 33.01
1907.50				21.47	22.84	< 33.01
1857.50	15	1	37	21.43	22.80	< 33.01
1882.50				21.72	23.09	< 33.01
1907.50				21.63	23.00	< 33.01
1857.50	15	1	74	21.68	23.05	< 33.01
1882.50				21.63	23.00	< 33.01
1907.50				21.48	22.85	< 33.01
1857.50	15	75	0	20.44	21.81	< 33.01
1882.50				20.66	22.03	< 33.01
1907.50				20.51	21.88	< 33.01
1860.00	20	1	0	21.60	22.97	< 33.01
1882.50				21.67	23.04	< 33.01
1905.00				21.66	23.03	< 33.01
1860.00	20	1	49	21.85	23.22	< 33.01
1882.50				21.58	22.95	< 33.01
1905.00				21.59	22.96	< 33.01
1860.00	20	1	99	21.55	22.92	< 33.01
1882.50				21.68	23.05	< 33.01
1905.00				21.58	22.95	< 33.01
1860.00	20	100	0	20.56	21.93	< 33.01
1882.50				20.53	21.90	< 33.01
1905.00				20.59	21.96	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
1850.70	1.4	1	0	18.67	20.04	< 33.01
1882.50				18.80	20.17	< 33.01
1914.30				18.50	19.87	< 33.01
1850.70	1.4	1	2	18.58	19.95	< 33.01
1882.50				18.98	20.35	< 33.01
1914.30				18.61	19.98	< 33.01
1850.70	1.4	1	6	18.86	20.23	< 33.01
1882.50				18.72	20.09	< 33.01
1914.30				18.59	19.96	< 33.01
1850.70	1.4	6	0	18.57	19.94	< 33.01
1882.50				18.70	20.07	< 33.01
1914.30				18.49	19.86	< 33.01
1851.50	3	1	0	18.60	19.97	< 33.01
1882.50				18.95	20.32	< 33.01
1913.50				18.49	19.86	< 33.01
1851.50	3	1	7	18.75	20.12	< 33.01
1882.50				18.81	20.18	< 33.01
1913.50				18.80	20.17	< 33.01
1851.50	3	1	14	18.71	20.08	< 33.01
1882.50				18.75	20.12	< 33.01
1913.50				18.79	20.16	< 33.01
1851.50	3	15	0	18.53	19.90	< 33.01
1882.50				18.59	19.96	< 33.01
1913.50				18.58	19.95	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
1852.50	5	1	0	18.83	20.20	< 33.01
1882.50				18.76	20.13	< 33.01
1912.50				18.77	20.14	< 33.01
1852.50	5	1	12	18.66	20.03	< 33.01
1882.50				18.97	20.34	< 33.01
1912.50				18.77	20.14	< 33.01
1852.50	5	1	24	18.85	20.22	< 33.01
1882.50				18.91	20.28	< 33.01
1912.50				18.88	20.25	< 33.01
1852.50	5	25	0	18.58	19.95	< 33.01
1882.50				18.63	20.00	< 33.01
1912.50				18.62	19.99	< 33.01
1855.00	10	1	0	18.68	20.05	< 33.01
1882.50				18.78	20.15	< 33.01
1910.00				18.88	20.25	< 33.01
1855.00	10	1	24	18.67	20.04	< 33.01
1882.50				18.93	20.30	< 33.01
1910.00				18.77	20.14	< 33.01
1855.00	10	1	49	18.81	20.18	< 33.01
1882.50				18.91	20.28	< 33.01
1910.00				18.67	20.04	< 33.01
1855.00	10	50	0	18.69	20.06	< 33.01
1882.50				18.69	20.06	< 33.01
1910.00				18.65	20.02	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
1857.50	15	1	0	18.58	19.95	< 33.01
1882.50				18.77	20.14	< 33.01
1907.50				18.74	20.11	< 33.01
1857.50	15	1	37	18.48	19.85	< 33.01
1882.50				18.84	20.21	< 33.01
1907.50				18.65	20.02	< 33.01
1857.50	15	1	74	19.01	20.38	< 33.01
1882.50				18.67	20.04	< 33.01
1907.50				18.73	20.10	< 33.01
1857.50	15	75	0	18.52	19.89	< 33.01
1882.50				18.54	19.91	< 33.01
1907.50				18.61	19.98	< 33.01
1860.00	20	1	0	18.63	20.00	< 33.01
1882.50				18.84	20.21	< 33.01
1905.00				18.67	20.04	< 33.01
1860.00	20	1	49	18.99	20.36	< 33.01
1882.50				18.81	20.18	< 33.01
1905.00				18.90	20.27	< 33.01
1860.00	20	1	99	18.56	19.93	< 33.01
1882.50				18.95	20.32	< 33.01
1905.00				18.64	20.01	< 33.01
1860.00	20	100	0	18.54	19.91	< 33.01
1882.50				18.54	19.91	< 33.01
1905.00				18.61	19.98	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 4/66

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1710.70	1.4	1	0	23.08	24.45	< 30.00
1745.00				22.99	24.36	< 30.00
1779.30				22.24	23.61	< 30.00
1710.70	1.4	1	2	22.99	24.36	< 30.00
1745.00				23.12	24.49	< 30.00
1779.30				22.16	23.53	< 30.00
1710.70	1.4	1	6	23.00	24.37	< 30.00
1745.00				23.13	24.50	< 30.00
1779.30				22.16	23.53	< 30.00
1710.70	1.4	6	0	22.58	23.95	< 30.00
1745.00				22.65	24.02	< 30.00
1779.30				21.18	22.55	< 30.00
1711.50	3	1	0	22.93	24.30	< 30.00
1745.00				22.99	24.36	< 30.00
1778.50				22.39	23.76	< 30.00
1711.50	3	1	7	22.98	24.35	< 30.00
1745.00				23.19	24.56	< 30.00
1778.50				22.28	23.65	< 30.00
1711.50	3	1	14	22.16	23.53	< 30.00
1745.00				22.92	24.29	< 30.00
1778.50				23.07	24.44	< 30.00
1711.50	3	15	0	21.18	22.55	< 30.00
1745.00				22.59	23.96	< 30.00
1778.50				22.61	23.98	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1712.50	5	1	0	22.39	23.76	< 30.00
1745.00				22.91	24.28	< 30.00
1777.50				23.14	24.51	< 30.00
1712.50	5	1	12	22.28	23.65	< 30.00
1745.00				23.06	24.43	< 30.00
1777.50				23.20	24.57	< 30.00
1712.50	5	1	24	22.16	23.53	< 30.00
1745.00				23.03	24.40	< 30.00
1777.50				23.19	24.56	< 30.00
1712.50	5	25	0	21.29	22.66	< 30.00
1745.00				22.61	23.98	< 30.00
1777.50				22.62	23.99	< 30.00
1715.00	10	1	0	22.57	23.94	< 30.00
1745.00				22.99	24.36	< 30.00
1775.00				23.06	24.43	< 30.00
1715.00	10	1	24	22.39	23.76	< 30.00
1745.00				23.04	24.41	< 30.00
1775.00				23.18	24.55	< 30.00
1715.00	10	1	49	22.27	23.64	< 30.00
1745.00				22.92	24.29	< 30.00
1775.00				23.15	24.52	< 30.00
1715.00	10	50	0	21.39	22.76	< 30.00
1745.00				22.58	23.95	< 30.00
1775.00				22.61	23.98	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1717.50	15	1	0	22.87	24.24	< 30.00
1745.00				23.06	24.43	< 30.00
1772.50				22.93	24.30	< 30.00
1717.50	15	1	37	22.92	24.29	< 30.00
1745.00				23.08	24.45	< 30.00
1772.50				22.42	23.79	< 30.00
1717.50	15	1	74	22.87	24.24	< 30.00
1745.00				23.04	24.41	< 30.00
1772.50				22.03	23.40	< 30.00
1717.50	15	75	0	22.50	23.87	< 30.00
1745.00				22.53	23.90	< 30.00
1772.50				21.50	22.87	< 30.00
1720.00	20	1	0	22.84	24.21	< 30.00
1745.00				22.86	24.23	< 30.00
1770.00				22.95	24.32	< 30.00
1720.00	20	1	49	22.97	24.34	< 30.00
1745.00				23.08	24.45	< 30.00
1770.00				22.43	23.80	< 30.00
1720.00	20	1	99	22.91	24.28	< 30.00
1745.00				23.11	24.48	< 30.00
1770.00				22.12	23.49	< 30.00
1720.00	20	100	0	22.46	23.83	< 30.00
1745.00				22.63	24.00	< 30.00
1770.00				22.36	23.73	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1710.70	1.4	1	0	22.54	23.91	< 30.00
1745.00				22.56	23.93	< 30.00
1779.30				21.35	22.72	< 30.00
1710.70	1.4	1	2	22.69	24.06	< 30.00
1745.00				22.68	24.05	< 30.00
1779.30				21.29	22.66	< 30.00
1710.70	1.4	1	6	22.60	23.97	< 30.00
1745.00				22.75	24.12	< 30.00
1779.30				21.23	22.60	< 30.00
1710.70	1.4	6	0	21.45	22.82	< 30.00
1745.00				21.65	23.02	< 30.00
1779.30				20.26	21.63	< 30.00
1711.50	3	1	0	21.35	22.72	< 30.00
1745.00				22.55	23.92	< 30.00
1778.50				22.80	24.17	< 30.00
1711.50	3	1	7	21.29	22.66	< 30.00
1745.00				22.69	24.06	< 30.00
1778.50				23.05	24.42	< 30.00
1711.50	3	1	14	21.23	22.60	< 30.00
1745.00				22.47	23.84	< 30.00
1778.50				22.67	24.04	< 30.00
1711.50	3	15	0	20.26	21.63	< 30.00
1745.00				21.62	22.99	< 30.00
1778.50				21.63	23.00	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1712.50	5	1	0	21.56	22.93	< 30.00
1745.00				22.83	24.20	< 30.00
1777.50				22.80	24.17	< 30.00
1712.50	5	1	12	21.48	22.85	< 30.00
1745.00				22.87	24.24	< 30.00
1777.50				22.98	24.35	< 30.00
1712.50	5	1	24	21.45	22.82	< 30.00
1745.00				22.67	24.04	< 30.00
1777.50				22.78	24.15	< 30.00
1712.50	5	25	0	20.31	21.68	< 30.00
1745.00				21.63	23.00	< 30.00
1777.50				21.66	23.03	< 30.00
1715.00	10	1	0	21.58	22.95	< 30.00
1745.00				22.69	24.06	< 30.00
1775.00				22.85	24.22	< 30.00
1715.00	10	1	24	21.61	22.98	< 30.00
1745.00				22.60	23.97	< 30.00
1775.00				22.78	24.15	< 30.00
1715.00	10	1	49	21.50	22.87	< 30.00
1745.00				22.79	24.16	< 30.00
1775.00				22.69	24.06	< 30.00
1715.00	10	50	0	20.41	21.78	< 30.00
1745.00				21.58	22.95	< 30.00
1775.00				21.61	22.98	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1717.50	15	1	0	22.46	23.83	< 30.00
1745.00				22.60	23.97	< 30.00
1772.50				22.67	24.04	< 30.00
1717.50	15	1	37	22.89	24.26	< 30.00
1745.00				22.70	24.07	< 30.00
1772.50				21.64	23.01	< 30.00
1717.50	15	1	74	22.59	23.96	< 30.00
1745.00				22.78	24.15	< 30.00
1772.50				21.07	22.44	< 30.00
1717.50	15	75	0	21.52	22.89	< 30.00
1745.00				21.54	22.91	< 30.00
1772.50				20.50	21.87	< 30.00
1720.00	20	1	0	22.50	23.87	< 30.00
1745.00				22.54	23.91	< 30.00
1770.00				22.48	23.85	< 30.00
1720.00	20	1	49	22.56	23.93	< 30.00
1745.00				23.01	24.38	< 30.00
1770.00				21.57	22.94	< 30.00
1720.00	20	1	99	22.68	24.05	< 30.00
1745.00				22.84	24.21	< 30.00
1770.00				21.39	22.76	< 30.00
1720.00	20	100	0	21.47	22.84	< 30.00
1745.00				21.54	22.91	< 30.00
1770.00				20.86	22.23	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1710.70	1.4	1	0	21.48	22.85	< 30.00
1745.00				21.58	22.95	< 30.00
1779.30				20.52	21.89	< 30.00
1710.70	1.4	1	2	21.41	22.78	< 30.00
1745.00				21.74	23.11	< 30.00
1779.30				20.23	21.60	< 30.00
1710.70	1.4	1	6	21.52	22.89	< 30.00
1745.00				21.67	23.04	< 30.00
1779.30				20.27	21.64	< 30.00
1710.70	1.4	6	0	20.50	21.87	< 30.00
1745.00				20.61	21.98	< 30.00
1779.30				19.07	20.44	< 30.00
1711.50	3	1	0	21.50	22.87	< 30.00
1745.00				21.67	23.04	< 30.00
1778.50				20.59	21.96	< 30.00
1711.50	3	1	7	21.65	23.02	< 30.00
1745.00				21.50	22.87	< 30.00
1778.50				20.42	21.79	< 30.00
1711.50	3	1	14	21.33	22.70	< 30.00
1745.00				21.65	23.02	< 30.00
1778.50				20.23	21.60	< 30.00
1711.50	3	15	0	20.47	21.84	< 30.00
1745.00				20.60	21.97	< 30.00
1778.50				19.24	20.61	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1712.50	5	1	0	21.58	22.95	< 30.00
1745.00				21.55	22.92	< 30.00
1777.50				20.82	22.19	< 30.00
1712.50	5	1	12	21.50	22.87	< 30.00
1745.00				21.76	23.13	< 30.00
1777.50				20.56	21.93	< 30.00
1712.50	5	1	24	21.63	23.00	< 30.00
1745.00				21.80	23.17	< 30.00
1777.50				20.58	21.95	< 30.00
1712.50	5	25	0	20.55	21.92	< 30.00
1745.00				20.47	21.84	< 30.00
1777.50				19.28	20.65	< 30.00
1715.00	10	1	0	21.47	22.84	< 30.00
1745.00				21.53	22.90	< 30.00
1775.00				20.78	22.15	< 30.00
1715.00	10	1	24	21.72	23.09	< 30.00
1745.00				21.60	22.97	< 30.00
1775.00				20.70	22.07	< 30.00
1715.00	10	1	49	21.71	23.08	< 30.00
1745.00				21.69	23.06	< 30.00
1775.00				20.53	21.90	< 30.00
1715.00	10	50	0	20.48	21.85	< 30.00
1745.00				20.55	21.92	< 30.00
1775.00				19.49	20.86	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1717.50	15	1	0	21.39	22.76	< 30.00
1745.00				21.54	22.91	< 30.00
1772.50				21.19	22.56	< 30.00
1717.50	15	1	37	21.64	23.01	< 30.00
1745.00				21.72	23.09	< 30.00
1772.50				20.38	21.75	< 30.00
1717.50	15	1	74	21.56	22.93	< 30.00
1745.00				21.76	23.13	< 30.00
1772.50				20.03	21.40	< 30.00
1717.50	15	75	0	20.30	21.67	< 30.00
1745.00				20.37	21.74	< 30.00
1772.50				19.41	20.78	< 30.00
1720.00	20	1	0	21.32	22.69	< 30.00
1745.00				21.44	22.81	< 30.00
1770.00				21.52	22.89	< 30.00
1720.00	20	1	49	21.56	22.93	< 30.00
1745.00				21.54	22.91	< 30.00
1770.00				20.45	21.82	< 30.00
1720.00	20	1	99	21.44	22.81	< 30.00
1745.00				21.67	23.04	< 30.00
1770.00				20.30	21.67	< 30.00
1720.00	20	100	0	20.36	21.73	< 30.00
1745.00				20.54	21.91	< 30.00
1770.00				20.27	21.64	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
1710.70	1.4	1	0	18.69	20.06	< 30.00
1745.00				18.75	20.12	< 30.00
1779.30				18.35	19.72	< 30.00
1710.70	1.4	1	2	18.63	20.00	< 30.00
1745.00				18.83	20.20	< 30.00
1779.30				18.28	19.65	< 30.00
1710.70	1.4	1	6	18.47	19.84	< 30.00
1745.00				18.65	20.02	< 30.00
1779.30				18.15	19.52	< 30.00
1710.70	1.4	6	0	18.48	19.85	< 30.00
1745.00				18.51	19.88	< 30.00
1779.30				18.17	19.54	< 30.00
1711.50	3	1	0	18.48	19.85	< 30.00
1745.00				18.84	20.21	< 30.00
1778.50				18.47	19.84	< 30.00
1711.50	3	1	7	18.78	20.15	< 30.00
1745.00				18.71	20.08	< 30.00
1778.50				18.45	19.82	< 30.00
1711.50	3	1	14	18.51	19.88	< 30.00
1745.00				18.51	19.88	< 30.00
1778.50				18.17	19.54	< 30.00
1711.50	3	15	0	18.48	19.85	< 30.00
1745.00				18.57	19.94	< 30.00
1778.50				18.27	19.64	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
1712.50	5	1	0	18.58	19.95	< 30.00
1745.00				18.86	20.23	< 30.00
1777.50				18.68	20.05	< 30.00
1712.50	5	1	12	18.61	19.98	< 30.00
1745.00				18.54	19.91	< 30.00
1777.50				18.52	19.89	< 30.00
1712.50	5	1	24	18.65	20.02	< 30.00
1745.00				18.63	20.00	< 30.00
1777.50				18.50	19.87	< 30.00
1712.50	5	25	0	18.49	19.86	< 30.00
1745.00				18.56	19.93	< 30.00
1777.50				18.55	19.92	< 30.00
1715.00	10	1	0	18.60	19.97	< 30.00
1745.00				18.61	19.98	< 30.00
1775.00				18.77	20.14	< 30.00
1715.00	10	1	24	18.79	20.16	< 30.00
1745.00				18.64	20.01	< 30.00
1775.00				18.70	20.07	< 30.00
1715.00	10	1	49	18.62	19.99	< 30.00
1745.00				18.76	20.13	< 30.00
1775.00				18.43	19.80	< 30.00
1715.00	10	50	0	18.44	19.81	< 30.00
1745.00				18.52	19.89	< 30.00
1775.00				18.63	20.00	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
1717.50	15	1	0	18.49	19.86	< 30.00
1745.00				18.50	19.87	< 30.00
1772.50				18.56	19.93	< 30.00
1717.50	15	1	37	18.52	19.89	< 30.00
1745.00				18.69	20.06	< 30.00
1772.50				18.56	19.93	< 30.00
1717.50	15	1	74	18.73	20.10	< 30.00
1745.00				18.75	20.12	< 30.00
1772.50				18.90	20.27	< 30.00
1717.50	15	75	0	18.40	19.77	< 30.00
1745.00				18.41	19.78	< 30.00
1772.50				18.50	19.87	< 30.00
1720.00	20	1	0	18.57	19.94	< 30.00
1745.00				18.59	19.96	< 30.00
1770.00				18.80	20.17	< 30.00
1720.00	20	1	49	18.57	19.94	< 30.00
1745.00				18.74	20.11	< 30.00
1770.00				18.54	19.91	< 30.00
1720.00	20	1	99	18.64	20.01	< 30.00
1745.00				18.67	20.04	< 30.00
1770.00				18.58	19.95	< 30.00
1720.00	20	100	0	18.47	19.84	< 30.00
1745.00				18.32	19.69	< 30.00
1770.00				18.52	19.89	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 5/26

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
824.70	1.4	1	0	22.78	21.81	< 38.45
836.50				22.81	21.84	< 38.45
848.30				22.68	21.71	< 38.45
824.70	1.4	1	2	22.80	21.83	< 38.45
836.50				22.74	21.77	< 38.45
848.30				22.64	21.67	< 38.45
824.70	1.4	1	6	22.64	21.67	< 38.45
836.50				22.75	21.78	< 38.45
848.30				22.66	21.69	< 38.45
824.70	1.4	6	0	22.20	21.23	< 38.45
836.50				22.23	21.26	< 38.45
848.30				22.21	21.24	< 38.45
825.50	3	1	0	22.69	21.72	< 38.45
836.50				22.72	21.75	< 38.45
846.50				22.69	21.72	< 38.45
825.50	3	1	7	22.80	21.83	< 38.45
836.50				22.73	21.76	< 38.45
846.50				22.75	21.78	< 38.45
825.50	3	1	14	22.66	21.69	< 38.45
836.50				22.73	21.76	< 38.45
846.50				22.77	21.80	< 38.45
825.50	3	15	0	22.21	21.24	< 38.45
836.50				22.23	21.26	< 38.45
846.50				22.17	21.20	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
826.50	5	1	0	22.69	21.72	< 38.45
836.50				22.77	21.80	< 38.45
846.50				22.76	21.79	< 38.45
826.50	5	1	12	22.75	21.78	< 38.45
836.50				22.68	21.71	< 38.45
846.50				22.81	21.84	< 38.45
826.50	5	1	24	22.64	21.67	< 38.45
836.50				22.79	21.82	< 38.45
846.50				22.81	21.84	< 38.45
826.50	5	25	0	22.21	21.24	< 38.45
836.50				22.31	21.34	< 38.45
846.50				22.28	21.31	< 38.45
829.00	10	1	0	22.61	21.64	< 38.45
836.50				22.68	21.71	< 38.45
844.00				22.78	21.81	< 38.45
829.00	10	1	24	22.57	21.60	< 38.45
836.50				22.78	21.81	< 38.45
844.00				22.73	21.76	< 38.45
829.00	10	1	49	22.57	21.60	< 38.45
836.50				22.68	21.71	< 38.45
844.00				22.70	21.73	< 38.45
829.00	10	50	0	22.12	21.15	< 38.45
836.50				22.31	21.34	< 38.45
844.00				22.31	21.34	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
821.50	15	1	0	22.36	21.39	< 38.45
836.50				22.48	21.51	< 38.45
841.50				22.45	21.48	< 38.45
821.50	15	1	37	22.35	21.38	< 38.45
836.50				22.55	21.58	< 38.45
841.50				22.45	21.48	< 38.45
821.50	15	1	74	22.52	21.55	< 38.45
836.50				22.31	21.34	< 38.45
841.50				22.36	21.39	< 38.45
821.50	15	75	0	21.91	20.94	< 38.45
836.50				21.95	20.98	< 38.45
841.50				21.99	21.02	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
824.70	1.4	1	0	22.39	21.42	< 38.45
836.50				22.11	21.14	< 38.45
848.30				22.28	21.31	< 38.45
824.70	1.4	1	2	22.50	21.53	< 38.45
836.50				22.22	21.25	< 38.45
848.30				22.31	21.34	< 38.45
824.70	1.4	1	6	22.23	21.26	< 38.45
836.50				22.48	21.51	< 38.45
848.30				22.35	21.38	< 38.45
824.70	1.4	6	0	21.21	20.24	< 38.45
836.50				21.24	20.27	< 38.45
848.30				21.21	20.24	< 38.45
825.50	3	1	0	22.28	21.31	< 38.45
836.50				22.42	21.45	< 38.45
846.50				22.39	21.42	< 38.45
825.50	3	1	7	22.31	21.34	< 38.45
836.50				22.37	21.40	< 38.45
846.50				22.37	21.40	< 38.45
825.50	3	1	14	22.35	21.38	< 38.45
836.50				22.30	21.33	< 38.45
846.50				22.35	21.38	< 38.45
825.50	3	15	0	21.21	20.24	< 38.45
836.50				21.30	20.33	< 38.45
846.50				21.22	20.25	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
826.50	5	1	0	22.29	21.32	< 38.45
836.50				22.60	21.63	< 38.45
846.50				22.53	21.56	< 38.45
826.50	5	1	12	22.47	21.50	< 38.45
836.50				22.61	21.64	< 38.45
846.50				22.64	21.67	< 38.45
826.50	5	1	24	22.29	21.32	< 38.45
836.50				22.38	21.41	< 38.45
846.50				22.49	21.52	< 38.45
826.50	5	25	0	21.22	20.25	< 38.45
836.50				21.30	20.33	< 38.45
846.50				21.31	20.34	< 38.45
829.00	10	1	0	22.36	21.39	< 38.45
836.50				22.30	21.33	< 38.45
844.00				22.50	21.53	< 38.45
829.00	10	1	24	22.21	21.24	< 38.45
836.50				22.49	21.52	< 38.45
844.00				22.28	21.31	< 38.45
829.00	10	1	49	22.48	21.51	< 38.45
836.50				22.33	21.36	< 38.45
844.00				22.21	21.24	< 38.45
829.00	10	50	0	21.13	20.16	< 38.45
836.50				21.34	20.37	< 38.45
844.00				21.36	20.39	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
821.50	15	1	0	22.10	21.13	< 38.45
836.50				22.08	21.11	< 38.45
841.50				22.17	21.20	< 38.45
821.50	15	1	37	22.08	21.11	< 38.45
836.50				21.92	20.95	< 38.45
841.50				22.14	21.17	< 38.45
821.50	15	1	74	22.08	21.11	< 38.45
836.50				21.89	20.92	< 38.45
841.50				21.71	20.74	< 38.45
821.50	15	75	0	20.92	19.95	< 38.45
836.50				20.87	19.90	< 38.45
841.50				20.99	20.02	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
824.70	1.4	1	0	21.20	20.23	< 38.45
836.50				21.11	20.14	< 38.45
848.30				21.14	20.17	< 38.45
824.70	1.4	1	2	21.38	20.41	< 38.45
836.50				21.23	20.26	< 38.45
848.30				21.45	20.48	< 38.45
824.70	1.4	1	6	21.18	20.21	< 38.45
836.50				21.28	20.31	< 38.45
848.30				21.02	20.05	< 38.45
824.70	1.4	6	0	20.17	19.20	< 38.45
836.50				20.20	19.23	< 38.45
848.30				20.11	19.14	< 38.45
825.50	3	1	0	21.27	20.30	< 38.45
836.50				21.36	20.39	< 38.45
846.50				21.38	20.41	< 38.45
825.50	3	1	7	21.44	20.47	< 38.45
836.50				21.33	20.36	< 38.45
846.50				21.34	20.37	< 38.45
825.50	3	1	14	21.19	20.22	< 38.45
836.50				21.35	20.38	< 38.45
846.50				21.31	20.34	< 38.45
825.50	3	15	0	20.23	19.26	< 38.45
836.50				20.19	19.22	< 38.45
846.50				20.17	19.20	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
826.50	5	1	0	21.38	20.41	< 38.45
836.50				21.17	20.20	< 38.45
846.50				21.11	20.14	< 38.45
826.50	5	1	12	21.27	20.30	< 38.45
836.50				21.39	20.42	< 38.45
846.50				21.30	20.33	< 38.45
826.50	5	1	24	21.26	20.29	< 38.45
836.50				21.22	20.25	< 38.45
846.50				21.42	20.45	< 38.45
826.50	5	25	0	20.23	19.26	< 38.45
836.50				20.13	19.16	< 38.45
846.50				20.09	19.12	< 38.45
829.00	10	1	0	21.36	20.39	< 38.45
836.50				21.34	20.37	< 38.45
844.00				21.39	20.42	< 38.45
829.00	10	1	24	21.34	20.37	< 38.45
836.50				21.39	20.42	< 38.45
844.00				21.39	20.42	< 38.45
829.00	10	1	49	21.14	20.17	< 38.45
836.50				21.43	20.46	< 38.45
844.00				21.31	20.34	< 38.45
829.00	10	50	0	20.27	19.30	< 38.45
836.50				20.24	19.27	< 38.45
844.00				20.17	19.20	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
821.50	15	1	0	21.21	20.24	< 38.45
836.50				21.27	20.30	< 38.45
841.50				21.11	20.14	< 38.45
821.50	15	1	37	21.22	20.25	< 38.45
836.50				21.44	20.47	< 38.45
841.50				21.15	20.18	< 38.45
821.50	15	1	74	21.17	20.20	< 38.45
836.50				21.17	20.20	< 38.45
841.50				21.01	20.04	< 38.45
821.50	15	75	0	20.02	19.05	< 38.45
836.50				20.02	19.05	< 38.45
841.50				20.11	19.14	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
824.70	1.4	1	0	18.17	17.20	< 38.45
836.50				18.42	17.45	< 38.45
848.30				18.23	17.26	< 38.45
824.70	1.4	1	2	18.27	17.30	< 38.45
836.50				18.34	17.37	< 38.45
848.30				18.29	17.32	< 38.45
824.70	1.4	1	6	18.40	17.43	< 38.45
836.50				18.27	17.30	< 38.45
848.30				18.17	17.20	< 38.45
824.70	1.4	6	0	18.11	17.14	< 38.45
836.50				18.17	17.20	< 38.45
848.30				18.14	17.17	< 38.45
825.50	3	1	0	18.26	17.29	< 38.45
836.50				18.28	17.31	< 38.45
846.50				18.30	17.33	< 38.45
825.50	3	1	7	18.36	17.39	< 38.45
836.50				18.61	17.64	< 38.45
846.50				18.51	17.54	< 38.45
825.50	3	1	14	18.40	17.43	< 38.45
836.50				18.16	17.19	< 38.45
846.50				18.32	17.35	< 38.45
825.50	3	15	0	18.25	17.28	< 38.45
836.50				18.17	17.20	< 38.45
846.50				18.18	17.21	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
826.50	5	1	0	18.34	17.37	< 38.45
836.50				18.53	17.56	< 38.45
846.50				18.13	17.16	< 38.45
826.50	5	1	12	18.26	17.29	< 38.45
836.50				18.30	17.33	< 38.45
846.50				18.21	17.24	< 38.45
826.50	5	1	24	18.40	17.43	< 38.45
836.50				18.31	17.34	< 38.45
846.50				18.35	17.38	< 38.45
826.50	5	25	0	18.16	17.19	< 38.45
836.50				18.23	17.26	< 38.45
846.50				18.13	17.16	< 38.45
829.00	10	1	0	18.25	17.28	< 38.45
836.50				18.13	17.16	< 38.45
844.00				18.32	17.35	< 38.45
829.00	10	1	24	18.38	17.41	< 38.45
836.50				18.39	17.42	< 38.45
844.00				18.33	17.36	< 38.45
829.00	10	1	49	18.30	17.33	< 38.45
836.50				18.28	17.31	< 38.45
844.00				18.32	17.35	< 38.45
829.00	10	50	0	18.37	17.40	< 38.45
836.50				18.28	17.31	< 38.45
844.00				18.13	17.16	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
821.50	15	1	0	18.37	17.40	< 38.45
836.50				18.32	17.35	< 38.45
841.50				17.97	17.00	< 38.45
821.50	15	1	37	18.28	17.31	< 38.45
836.50				18.24	17.27	< 38.45
841.50				18.34	17.37	< 38.45
821.50	15	1	74	18.18	17.21	< 38.45
836.50				18.19	17.22	< 38.45
841.50				18.27	17.30	< 38.45
821.50	15	75	0	18.07	17.10	< 38.45
836.50				18.08	17.11	< 38.45
841.50				18.14	17.17	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 7

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
2502.50	5	1	0	23.01	25.08	< 33.01
2535.00				23.21	25.28	< 33.01
2567.50				23.43	25.50	< 33.01
2502.50	5	1	12	23.09	25.16	< 33.01
2535.00				23.25	25.32	< 33.01
2567.50				23.46	25.53	< 33.01
2502.50	5	1	24	23.04	25.11	< 33.01
2535.00				23.20	25.27	< 33.01
2567.50				23.24	25.31	< 33.01
2502.50	5	25	0	22.63	24.70	< 33.01
2535.00				22.77	24.84	< 33.01
2567.50				22.99	25.06	< 33.01
2505.00	10	1	0	22.38	24.45	< 33.01
2535.00				23.31	25.38	< 33.01
2565.00				23.40	25.47	< 33.01
2505.00	10	1	24	22.68	24.75	< 33.01
2535.00				23.27	25.34	< 33.01
2565.00				23.50	25.57	< 33.01
2505.00	10	1	49	23.24	25.31	< 33.01
2535.00				23.12	25.19	< 33.01
2565.00				23.23	25.30	< 33.01
2505.00	10	50	0	22.99	25.06	< 33.01
2535.00				22.24	24.31	< 33.01
2565.00				22.82	24.89	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
2507.50	15	1	0	23.40	25.47	< 33.01
2535.00				22.54	24.61	< 33.01
2562.50				23.30	25.37	< 33.01
2507.50	15	1	37	23.50	25.57	< 33.01
2535.00				23.01	25.08	< 33.01
2562.50				23.15	25.22	< 33.01
2507.50	15	1	74	23.28	25.35	< 33.01
2535.00				23.01	25.08	< 33.01
2562.50				23.14	25.21	< 33.01
2507.50	15	75	0	22.95	25.02	< 33.01
2535.00				22.65	24.72	< 33.01
2562.50				22.76	24.83	< 33.01
2510.00	20	1	0	23.14	25.21	< 33.01
2535.00				22.56	24.63	< 33.01
2560.00				23.12	25.19	< 33.01
2510.00	20	1	49	23.24	25.31	< 33.01
2535.00				23.01	25.08	< 33.01
2560.00				23.16	25.23	< 33.01
2510.00	20	1	99	23.20	25.27	< 33.01
2535.00				23.05	25.12	< 33.01
2560.00				23.46	25.53	< 33.01
2510.00	20	100	0	22.89	24.96	< 33.01
2535.00				22.70	24.77	< 33.01
2560.00				22.63	24.70	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
2502.50	5	1	0	22.56	24.63	< 33.01
2535.00				23.05	25.12	< 33.01
2567.50				23.32	25.39	< 33.01
2502.50	5	1	12	22.41	24.48	< 33.01
2535.00				22.95	25.02	< 33.01
2567.50				23.38	25.45	< 33.01
2502.50	5	1	24	22.60	24.67	< 33.01
2535.00				23.01	25.08	< 33.01
2567.50				22.82	24.89	< 33.01
2502.50	5	25	0	21.54	23.61	< 33.01
2535.00				21.81	23.88	< 33.01
2567.50				21.99	24.06	< 33.01
2505.00	10	1	0	23.32	25.39	< 33.01
2535.00				22.00	24.07	< 33.01
2565.00				22.98	25.05	< 33.01
2505.00	10	1	24	23.38	25.45	< 33.01
2535.00				21.74	23.81	< 33.01
2565.00				23.01	25.08	< 33.01
2505.00	10	1	49	22.82	24.89	< 33.01
2535.00				22.87	24.94	< 33.01
2565.00				23.04	25.11	< 33.01
2505.00	10	50	0	21.99	24.06	< 33.01
2535.00				21.46	23.53	< 33.01
2565.00				21.85	23.92	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
2507.50	15	1	0	23.09	25.16	< 33.01
2535.00				21.72	23.79	< 33.01
2562.50				22.81	24.88	< 33.01
2507.50	15	1	37	23.31	25.38	< 33.01
2535.00				22.90	24.97	< 33.01
2562.50				22.77	24.84	< 33.01
2507.50	15	1	74	22.66	24.73	< 33.01
2535.00				22.72	24.79	< 33.01
2562.50				23.04	25.11	< 33.01
2507.50	15	75	0	22.01	24.08	< 33.01
2535.00				21.66	23.73	< 33.01
2562.50				21.76	23.83	< 33.01
2510.00	20	1	0	22.86	24.93	< 33.01
2535.00				21.87	23.94	< 33.01
2560.00				22.90	24.97	< 33.01
2510.00	20	1	49	23.13	25.20	< 33.01
2535.00				22.76	24.83	< 33.01
2560.00				23.08	25.15	< 33.01
2510.00	20	1	99	22.67	24.74	< 33.01
2535.00				22.68	24.75	< 33.01
2560.00				22.85	24.92	< 33.01
2510.00	20	100	0	21.87	23.94	< 33.01
2535.00				21.70	23.77	< 33.01
2560.00				21.75	23.82	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
2502.50	5	1	0	21.42	23.49	< 33.01
2535.00				21.93	24.00	< 33.01
2567.50				21.95	24.02	< 33.01
2502.50	5	1	12	21.47	23.54	< 33.01
2535.00				21.91	23.98	< 33.01
2567.50				22.10	24.17	< 33.01
2502.50	5	1	24	21.72	23.79	< 33.01
2535.00				21.93	24.00	< 33.01
2567.50				22.03	24.10	< 33.01
2502.50	5	25	0	20.58	22.65	< 33.01
2535.00				20.67	22.74	< 33.01
2567.50				20.93	23.00	< 33.01
2505.00	10	1	0	21.78	23.85	< 33.01
2535.00				21.93	24.00	< 33.01
2565.00				21.97	24.04	< 33.01
2505.00	10	1	24	21.39	23.46	< 33.01
2535.00				22.04	24.11	< 33.01
2565.00				22.12	24.19	< 33.01
2505.00	10	1	49	21.82	23.89	< 33.01
2535.00				22.01	24.08	< 33.01
2565.00				22.25	24.32	< 33.01
2505.00	10	50	0	20.79	22.86	< 33.01
2535.00				20.73	22.80	< 33.01
2565.00				20.85	22.92	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
2507.50	15	1	0	21.03	23.10	< 33.01
2535.00				21.76	23.83	< 33.01
2562.50				21.79	23.86	< 33.01
2507.50	15	1	37	21.94	24.01	< 33.01
2535.00				21.93	24.00	< 33.01
2562.50				21.91	23.98	< 33.01
2507.50	15	1	74	21.66	23.73	< 33.01
2535.00				21.59	23.66	< 33.01
2562.50				21.73	23.80	< 33.01
2507.50	15	75	0	20.54	22.61	< 33.01
2535.00				20.62	22.69	< 33.01
2562.50				20.73	22.80	< 33.01
2510.00	20	1	0	21.18	23.25	< 33.01
2535.00				21.81	23.88	< 33.01
2560.00				21.61	23.68	< 33.01
2510.00	20	1	49	21.46	23.53	< 33.01
2535.00				21.83	23.90	< 33.01
2560.00				21.91	23.98	< 33.01
2510.00	20	1	99	21.70	23.77	< 33.01
2535.00				21.69	23.76	< 33.01
2560.00				21.96	24.03	< 33.01
2510.00	20	100	0	20.63	22.70	< 33.01
2535.00				20.75	22.82	< 33.01
2560.00				20.86	22.93	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
2502.50	5	1	0	18.75	20.82	< 33.01
2535.00				18.54	20.61	< 33.01
2567.50				19.09	21.16	< 33.01
2502.50	5	1	12	18.69	20.76	< 33.01
2535.00				18.87	20.94	< 33.01
2567.50				19.13	21.20	< 33.01
2502.50	5	1	24	18.63	20.70	< 33.01
2535.00				18.98	21.05	< 33.01
2567.50				19.07	21.14	< 33.01
2502.50	5	25	0	18.71	20.78	< 33.01
2535.00				18.76	20.83	< 33.01
2567.50				19.00	21.07	< 33.01
2505.00	10	1	0	18.69	20.76	< 33.01
2535.00				18.93	21.00	< 33.01
2565.00				19.12	21.19	< 33.01
2505.00	10	1	24	18.90	20.97	< 33.01
2535.00				19.11	21.18	< 33.01
2565.00				19.30	21.37	< 33.01
2505.00	10	1	49	18.57	20.64	< 33.01
2535.00				19.08	21.15	< 33.01
2565.00				19.26	21.33	< 33.01
2505.00	10	50	0	18.66	20.73	< 33.01
2535.00				18.83	20.90	< 33.01
2565.00				18.99	21.06	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
2507.50	15	1	0	18.72	20.79	< 33.01
2535.00				18.93	21.00	< 33.01
2562.50				19.01	21.08	< 33.01
2507.50	15	1	37	18.91	20.98	< 33.01
2535.00				18.17	20.24	< 33.01
2562.50				18.80	20.87	< 33.01
2507.50	15	1	74	18.70	20.77	< 33.01
2535.00				18.72	20.79	< 33.01
2562.50				18.77	20.84	< 33.01
2507.50	15	75	0	18.57	20.64	< 33.01
2535.00				18.71	20.78	< 33.01
2562.50				18.74	20.81	< 33.01
2510.00	20	1	0	18.59	20.66	< 33.01
2535.00				18.50	20.57	< 33.01
2560.00				18.84	20.91	< 33.01
2510.00	20	1	49	18.78	20.85	< 33.01
2535.00				18.87	20.94	< 33.01
2560.00				18.66	20.73	< 33.01
2510.00	20	1	99	18.89	20.96	< 33.01
2535.00				18.79	20.86	< 33.01
2560.00				18.99	21.06	< 33.01
2510.00	20	100	0	18.63	20.70	< 33.01
2535.00				18.62	20.69	< 33.01
2560.00				18.87	20.94	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 12

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
699.7	1.4	1	0	22.39	21.42	< 34.77
707.5				22.27	21.30	< 34.77
715.3				22.35	21.38	< 34.77
699.7	1.4	1	2	22.30	21.33	< 34.77
707.5				22.49	21.52	< 34.77
715.3				22.49	21.52	< 34.77
699.7	1.4	1	6	22.28	21.31	< 34.77
707.5				22.29	21.32	< 34.77
715.3				22.24	21.27	< 34.77
699.7	1.4	6	0	21.86	20.89	< 34.77
707.5				21.79	20.82	< 34.77
715.3				21.91	20.94	< 34.77
700.5	3	1	0	22.35	21.38	< 34.77
707.5				22.26	21.29	< 34.77
714.5				22.30	21.33	< 34.77
700.5	3	1	7	22.32	21.35	< 34.77
707.5				22.39	21.42	< 34.77
714.5				22.49	21.52	< 34.77
700.5	3	1	14	22.24	21.27	< 34.77
707.5				22.33	21.36	< 34.77
714.5				22.25	21.28	< 34.77
700.5	3	15	0	21.91	20.94	< 34.77
707.5				21.84	20.87	< 34.77
714.5				21.78	20.81	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
701.5	5	1	0	22.30	21.33	< 34.77
707.5				22.13	21.16	< 34.77
713.5				22.42	21.45	< 34.77
701.5	5	1	12	22.49	21.52	< 34.77
707.5				22.32	21.35	< 34.77
713.5				22.50	21.53	< 34.77
701.5	5	1	24	22.26	21.29	< 34.77
707.5				22.26	21.29	< 34.77
713.5				22.41	21.44	< 34.77
701.5	5	25	0	21.81	20.84	< 34.77
707.5				21.85	20.88	< 34.77
713.5				21.77	20.80	< 34.77
704.0	10	1	0	22.49	21.52	< 34.77
707.5				22.48	21.51	< 34.77
711.0				22.50	21.53	< 34.77
704.0	10	1	24	22.43	21.46	< 34.77
707.5				22.33	21.36	< 34.77
711.0				22.48	21.51	< 34.77
704.0	10	1	49	22.28	21.31	< 34.77
707.5				22.31	21.34	< 34.77
711.0				22.42	21.45	< 34.77
704.0	10	50	0	21.90	20.93	< 34.77
707.5				21.93	20.96	< 34.77
711.0				21.87	20.90	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
699.7	1.4	1	0	22.03	21.06	< 34.77
707.5				22.02	21.05	< 34.77
715.3				21.82	20.85	< 34.77
699.7	1.4	1	2	22.08	21.11	< 34.77
707.5				21.95	20.98	< 34.77
715.3				21.91	20.94	< 34.77
699.7	1.4	1	6	21.79	20.82	< 34.77
707.5				21.96	20.99	< 34.77
715.3				22.13	21.16	< 34.77
699.7	1.4	6	0	20.93	19.96	< 34.77
707.5				20.86	19.89	< 34.77
715.3				20.92	19.95	< 34.77
700.5	3	1	0	21.82	20.85	< 34.77
707.5				22.12	21.15	< 34.77
714.5				21.98	21.01	< 34.77
700.5	3	1	7	21.91	20.94	< 34.77
707.5				22.05	21.08	< 34.77
714.5				22.14	21.17	< 34.77
700.5	3	1	14	22.13	21.16	< 34.77
707.5				21.91	20.94	< 34.77
714.5				21.93	20.96	< 34.77
700.5	3	15	0	20.92	19.95	< 34.77
707.5				20.84	19.87	< 34.77
714.5				20.78	19.81	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
701.5	5	1	0	22.04	21.07	< 34.77
707.5				22.01	21.04	< 34.77
713.5				22.30	21.33	< 34.77
701.5	5	1	12	22.14	21.17	< 34.77
707.5				22.09	21.12	< 34.77
713.5				22.17	21.20	< 34.77
701.5	5	1	24	22.11	21.14	< 34.77
707.5				22.14	21.17	< 34.77
713.5				22.01	21.04	< 34.77
701.5	5	25	0	20.82	19.85	< 34.77
707.5				20.85	19.88	< 34.77
713.5				20.81	19.84	< 34.77
704.0	10	1	0	22.25	21.28	< 34.77
707.5				21.97	21.00	< 34.77
711.0				21.99	21.02	< 34.77
704.0	10	1	24	22.06	21.09	< 34.77
707.5				22.06	21.09	< 34.77
711.0				22.20	21.23	< 34.77
704.0	10	1	49	22.16	21.19	< 34.77
707.5				22.04	21.07	< 34.77
711.0				21.85	20.88	< 34.77
704.0	10	50	0	20.87	19.90	< 34.77
707.5				20.88	19.91	< 34.77
711.0				20.91	19.94	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
699.7	1.4	1	0	21.08	20.11	< 34.77
707.5				21.35	20.38	< 34.77
715.3				21.03	20.06	< 34.77
699.7	1.4	1	2	21.00	20.03	< 34.77
707.5				21.28	20.31	< 34.77
715.3				21.25	20.28	< 34.77
699.7	1.4	1	6	20.93	19.96	< 34.77
707.5				20.98	20.01	< 34.77
715.3				20.86	19.89	< 34.77
699.7	1.4	6	0	20.00	19.03	< 34.77
707.5				20.05	19.08	< 34.77
715.3				19.97	19.00	< 34.77
700.5	3	1	0	21.06	20.09	< 34.77
707.5				21.32	20.35	< 34.77
714.5				21.20	20.23	< 34.77
700.5	3	1	7	21.07	20.10	< 34.77
707.5				21.35	20.38	< 34.77
714.5				21.30	20.33	< 34.77
700.5	3	1	14	21.01	20.04	< 34.77
707.5				21.15	20.18	< 34.77
714.5				21.14	20.17	< 34.77
700.5	3	15	0	19.94	18.97	< 34.77
707.5				20.03	19.06	< 34.77
714.5				20.02	19.05	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
701.5	5	1	0	21.10	20.13	< 34.77
707.5				21.16	20.19	< 34.77
713.5				21.35	20.38	< 34.77
701.5	5	1	12	21.23	20.26	< 34.77
707.5				21.17	20.20	< 34.77
713.5				21.01	20.04	< 34.77
701.5	5	1	24	21.02	20.05	< 34.77
707.5				21.45	20.48	< 34.77
713.5				20.87	19.90	< 34.77
701.5	5	25	0	20.04	19.07	< 34.77
707.5				19.98	19.01	< 34.77
713.5				20.14	19.17	< 34.77
704.0	10	1	0	21.11	20.14	< 34.77
707.5				21.04	20.07	< 34.77
711.0				21.25	20.28	< 34.77
704.0	10	1	24	21.07	20.10	< 34.77
707.5				21.00	20.03	< 34.77
711.0				21.30	20.33	< 34.77
704.0	10	1	49	21.21	20.24	< 34.77
707.5				21.14	20.17	< 34.77
711.0				21.22	20.25	< 34.77
704.0	10	50	0	20.07	19.10	< 34.77
707.5				20.06	19.09	< 34.77
711.0				20.19	19.22	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
699.7	1.4	1	0	18.05	17.08	< 34.77
707.5				17.97	17.00	< 34.77
715.3				18.16	17.19	< 34.77
699.7	1.4	1	2	17.84	16.87	< 34.77
707.5				18.21	17.24	< 34.77
715.3				18.20	17.23	< 34.77
699.7	1.4	1	6	18.13	17.16	< 34.77
707.5				18.04	17.07	< 34.77
715.3				18.31	17.34	< 34.77
699.7	1.4	6	0	17.87	16.90	< 34.77
707.5				17.94	16.97	< 34.77
715.3				18.06	17.09	< 34.77
700.5	3	1	0	18.12	17.15	< 34.77
707.5				17.98	17.01	< 34.77
714.5				17.96	16.99	< 34.77
700.5	3	1	7	18.33	17.36	< 34.77
707.5				18.14	17.17	< 34.77
714.5				18.02	17.05	< 34.77
700.5	3	1	14	17.98	17.01	< 34.77
707.5				17.96	16.99	< 34.77
714.5				18.11	17.14	< 34.77
700.5	3	15	0	17.92	16.95	< 34.77
707.5				18.01	17.04	< 34.77
714.5				17.93	16.96	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
701.5	5	1	0	17.69	16.72	< 34.77
707.5				18.20	17.23	< 34.77
713.5				18.09	17.12	< 34.77
701.5	5	1	12	18.27	17.30	< 34.77
707.5				18.23	17.26	< 34.77
713.5				18.36	17.39	< 34.77
701.5	5	1	24	17.89	16.92	< 34.77
707.5				17.94	16.97	< 34.77
713.5				18.17	17.20	< 34.77
701.5	5	25	0	18.01	17.04	< 34.77
707.5				18.02	17.05	< 34.77
713.5				18.02	17.05	< 34.77
704.0	10	1	0	17.92	16.95	< 34.77
707.5				18.08	17.11	< 34.77
711.0				18.12	17.15	< 34.77
704.0	10	1	24	18.29	17.32	< 34.77
707.5				18.39	17.42	< 34.77
711.0				18.37	17.40	< 34.77
704.0	10	1	49	18.14	17.17	< 34.77
707.5				18.09	17.12	< 34.77
711.0				18.24	17.27	< 34.77
704.0	10	50	0	18.16	17.19	< 34.77
707.5				17.94	16.97	< 34.77
711.0				18.06	17.09	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 13

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
779.5	5	1	0	22.19	21.22	< 34.77
782.0				22.34	21.37	< 34.77
784.5				22.26	21.29	< 34.77
779.5	5	1	12	22.25	21.28	< 34.77
782.0				22.34	21.37	< 34.77
784.5				22.38	21.41	< 34.77
779.5	5	1	24	22.15	21.18	< 34.77
782.0				22.22	21.25	< 34.77
784.5				22.19	21.22	< 34.77
779.5	5	25	0	21.89	20.92	< 34.77
782.0				21.68	20.71	< 34.77
784.5				21.86	20.89	< 34.77
782.0	10	1	0	22.37	21.40	< 34.77
782.0		1	24	22.28	21.31	< 34.77
782.0		1	49	22.32	21.35	< 34.77
782.0		50	0	21.79	20.82	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
779.5	5	1	0	21.89	20.92	< 34.77
782.0				21.89	20.92	< 34.77
784.5				22.10	21.13	< 34.77
779.5	5	1	12	21.93	20.96	< 34.77
782.0				22.04	21.07	< 34.77
784.5				22.13	21.16	< 34.77
779.5	5	1	24	22.20	21.23	< 34.77
782.0				21.94	20.97	< 34.77
784.5				22.06	21.09	< 34.77
779.5	5	25	0	20.84	19.87	< 34.77
782.0				20.77	19.80	< 34.77
784.5				20.75	19.78	< 34.77
782.0	10	1	0	21.82	20.85	< 34.77
782.0		1	24	22.05	21.08	< 34.77
782.0		1	49	21.93	20.96	< 34.77
782.0		50	0	20.85	19.88	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
779.5	5	1	0	20.80	19.83	< 34.77
782.0				21.10	20.13	< 34.77
784.5				21.09	20.12	< 34.77
779.5	5	1	12	22.44	21.47	< 34.77
782.0				21.02	20.05	< 34.77
784.5				20.94	19.97	< 34.77
779.5	5	1	24	20.96	19.99	< 34.77
782.0				20.90	19.93	< 34.77
784.5				21.07	20.10	< 34.77
779.5	5	25	0	19.90	18.93	< 34.77
782.0				19.90	18.93	< 34.77
784.5				19.93	18.96	< 34.77
782.0	10	1	0	20.92	19.95	< 34.77
782.0		1	24	21.16	20.19	< 34.77
782.0		1	49	20.91	19.94	< 34.77
782.0		50	0	20.03	19.06	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
779.5	5	1	0	17.81	16.84	< 34.77
782.0				18.22	17.25	< 34.77
784.5				17.80	16.83	< 34.77
779.5	5	1	12	18.12	17.15	< 34.77
782.0				17.98	17.01	< 34.77
784.5				18.20	17.23	< 34.77
779.5	5	1	24	17.93	16.96	< 34.77
782.0				18.15	17.18	< 34.77
784.5				18.04	17.07	< 34.77
779.5	5	25	0	17.95	16.98	< 34.77
782.0				17.97	17.00	< 34.77
784.5				17.97	17.00	< 34.77
782.0	10	1	0	17.92	16.95	< 34.77
782.0		1	24	18.24	17.27	< 34.77
782.0		1	49	18.27	17.30	< 34.77
782.0		50	0	18.09	17.12	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 17

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
706.5	5	1	0	22.29	21.32	< 34.77
710.0				22.46	21.49	< 34.77
713.5				22.61	21.64	< 34.77
706.5	5	1	12	22.29	21.32	< 34.77
710.0				22.44	21.47	< 34.77
713.5				22.51	21.54	< 34.77
706.5	5	1	24	22.36	21.39	< 34.77
710.0				22.42	21.45	< 34.77
713.5				22.34	21.37	< 34.77
706.5	5	25	0	21.99	21.02	< 34.77
710.0				21.89	20.92	< 34.77
713.5				21.84	20.87	< 34.77
709.0	10	1	0	22.43	21.46	< 34.77
710.0				22.40	21.43	< 34.77
711.0				22.47	21.50	< 34.77
709.0	10	1	24	22.44	21.47	< 34.77
710.0				22.39	21.42	< 34.77
711.0				22.40	21.43	< 34.77
709.0	10	1	49	22.40	21.43	< 34.77
710.0				22.32	21.35	< 34.77
711.0				22.27	21.30	< 34.77
709.0	10	50	0	21.89	20.92	< 34.77
710.0				21.92	20.95	< 34.77
711.0				21.91	20.94	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
706.5	5	1	0	22.22	21.25	< 34.77
710.0				22.22	21.25	< 34.77
713.5				22.27	21.30	< 34.77
706.5	5	1	12	22.01	21.04	< 34.77
710.0				22.16	21.19	< 34.77
713.5				22.63	21.66	< 34.77
706.5	5	1	24	22.02	21.05	< 34.77
710.0				22.00	21.03	< 34.77
713.5				22.05	21.08	< 34.77
706.5	5	25	0	20.94	19.97	< 34.77
710.0				20.99	20.02	< 34.77
713.5				20.88	19.91	< 34.77
709.0	10	1	0	21.90	20.93	< 34.77
710.0				22.07	21.10	< 34.77
711.0				21.90	20.93	< 34.77
709.0	10	1	24	22.08	21.11	< 34.77
710.0				22.07	21.10	< 34.77
711.0				21.91	20.94	< 34.77
709.0	10	1	49	21.91	20.94	< 34.77
710.0				21.71	20.74	< 34.77
711.0				22.15	21.18	< 34.77
709.0	10	50	0	21.01	20.04	< 34.77
710.0				20.93	19.96	< 34.77
711.0				20.79	19.82	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
706.5	5	1	0	21.39	20.42	< 34.77
710.0				21.58	20.61	< 34.77
713.5				21.40	20.43	< 34.77
706.5	5	1	12	21.20	20.23	< 34.77
710.0				21.27	20.30	< 34.77
713.5				21.24	20.27	< 34.77
706.5	5	1	24	20.93	19.96	< 34.77
710.0				21.31	20.34	< 34.77
713.5				21.03	20.06	< 34.77
706.5	5	25	0	20.13	19.16	< 34.77
710.0				20.08	19.11	< 34.77
713.5				20.08	19.11	< 34.77
709.0	10	1	0	21.16	20.19	< 34.77
710.0				21.14	20.17	< 34.77
711.0				21.13	20.16	< 34.77
709.0	10	1	24	21.18	20.21	< 34.77
710.0				21.11	20.14	< 34.77
711.0				21.22	20.25	< 34.77
709.0	10	1	49	21.04	20.07	< 34.77
710.0				21.17	20.20	< 34.77
711.0				21.23	20.26	< 34.77
709.0	10	50	0	20.19	19.22	< 34.77
710.0				20.03	19.06	< 34.77
711.0				20.05	19.08	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
706.5	5	1	0	18.16	17.19	< 34.77
710.0				18.31	17.34	< 34.77
713.5				18.31	17.34	< 34.77
706.5	5	1	12	18.16	17.19	< 34.77
710.0				18.22	17.25	< 34.77
713.5				18.18	17.21	< 34.77
706.5	5	1	24	17.89	16.92	< 34.77
710.0				18.17	17.20	< 34.77
713.5				18.06	17.09	< 34.77
706.5	5	25	0	18.22	17.25	< 34.77
710.0				18.12	17.15	< 34.77
713.5				18.05	17.08	< 34.77
709.0	10	1	0	18.08	17.11	< 34.77
710.0				18.25	17.28	< 34.77
711.0				18.26	17.29	< 34.77
709.0	10	1	24	18.27	17.30	< 34.77
710.0				18.16	17.19	< 34.77
711.0				18.10	17.13	< 34.77
709.0	10	1	49	18.12	17.15	< 34.77
710.0				18.27	17.30	< 34.77
711.0				18.12	17.15	< 34.77
709.0	10	50	0	18.24	17.27	< 34.77
710.0				18.09	17.12	< 34.77
711.0				18.19	17.22	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 38/41

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
2498.50	5	1	0	22.95	25.02	< 33.01
2593.00				23.21	25.28	< 33.01
2687.50				23.42	25.49	< 33.01
2498.50	5	1	12	22.98	25.05	< 33.01
2593.00				23.28	25.35	< 33.01
2687.50				23.45	25.52	< 33.01
2498.50	5	1	24	22.91	24.98	< 33.01
2593.00				23.16	25.23	< 33.01
2687.50				23.30	25.37	< 33.01
2498.50	5	25	0	23.06	25.13	< 33.01
2593.00				23.30	25.37	< 33.01
2687.50				23.45	25.52	< 33.01
2501.00	10	1	0	22.95	25.02	< 33.01
2593.00				23.29	25.36	< 33.01
2685.00				23.12	25.19	< 33.01
2501.00	10	1	24	23.06	25.13	< 33.01
2593.00				23.27	25.34	< 33.01
2685.00				23.44	25.51	< 33.01
2501.00	10	1	49	23.30	25.37	< 33.01
2593.00				22.98	25.05	< 33.01
2685.00				23.17	25.24	< 33.01
2501.00	10	50	0	23.45	25.52	< 33.01
2593.00				23.07	25.14	< 33.01
2685.00				23.34	25.41	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
2503.50	15	1	0	23.12	25.19	< 33.01
2593.00				22.91	24.98	< 33.01
2682.50				23.30	25.37	< 33.01
2503.50	15	1	37	23.44	25.51	< 33.01
2593.00				22.99	25.06	< 33.01
2682.50				23.21	25.28	< 33.01
2503.50	15	1	74	23.18	25.25	< 33.01
2593.00				22.97	25.04	< 33.01
2682.50				23.11	25.18	< 33.01
2503.50	15	75	0	23.38	25.45	< 33.01
2593.00				23.03	25.10	< 33.01
2682.50				23.16	25.23	< 33.01
2506.00	20	1	0	23.09	25.16	< 33.01
2593.00				23.03	25.10	< 33.01
2680.00				23.50	25.57	< 33.01
2506.00	20	1	49	23.41	25.48	< 33.01
2593.00				23.02	25.09	< 33.01
2680.00				23.25	25.32	< 33.01
2506.00	20	1	99	23.39	25.46	< 33.01
2593.00				23.03	25.10	< 33.01
2680.00				23.14	25.21	< 33.01
2506.00	20	100	0	23.18	25.25	< 33.01
2593.00				23.03	25.10	< 33.01
2680.00				23.19	25.26	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
2498.50	5	1	0	23.26	25.33	< 33.01
2593.00				23.43	25.50	< 33.01
2687.50				23.67	25.74	< 33.01
2498.50	5	1	12	23.11	25.18	< 33.01
2593.00				23.58	25.65	< 33.01
2687.50				23.71	25.78	< 33.01
2498.50	5	1	24	23.19	25.26	< 33.01
2593.00				23.42	25.49	< 33.01
2687.50				23.59	25.66	< 33.01
2498.50	5	25	0	22.04	24.11	< 33.01
2593.00				22.35	24.42	< 33.01
2687.50				22.41	24.48	< 33.01
2501.00	10	1	0	23.67	25.74	< 33.01
2593.00				23.03	25.10	< 33.01
2685.00				23.60	25.67	< 33.01
2501.00	10	1	24	23.71	25.78	< 33.01
2593.00				23.16	25.23	< 33.01
2685.00				23.35	25.42	< 33.01
2501.00	10	1	49	23.59	25.66	< 33.01
2593.00				23.04	25.11	< 33.01
2685.00				23.34	25.41	< 33.01
2501.00	10	50	0	22.41	24.48	< 33.01
2593.00				22.07	24.14	< 33.01
2685.00				22.35	24.42	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
2503.50	15	1	0	23.41	25.48	< 33.01
2593.00				22.91	24.98	< 33.01
2682.50				23.58	25.65	< 33.01
2503.50	15	1	37	23.70	25.77	< 33.01
2593.00				23.06	25.13	< 33.01
2682.50				23.21	25.28	< 33.01
2503.50	15	1	74	23.37	25.44	< 33.01
2593.00				23.23	25.30	< 33.01
2682.50				23.22	25.29	< 33.01
2503.50	15	75	0	22.33	24.40	< 33.01
2593.00				21.94	24.01	< 33.01
2682.50				22.17	24.24	< 33.01
2506.00	20	1	0	23.05	25.12	< 33.01
2593.00				23.00	25.07	< 33.01
2680.00				23.52	25.59	< 33.01
2506.00	20	1	49	23.48	25.55	< 33.01
2593.00				23.01	25.08	< 33.01
2680.00				23.28	25.35	< 33.01
2506.00	20	1	99	23.45	25.52	< 33.01
2593.00				23.13	25.20	< 33.01
2680.00				23.14	25.21	< 33.01
2506.00	20	100	0	22.25	24.32	< 33.01
2593.00				22.01	24.08	< 33.01
2680.00				22.21	24.28	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
2498.50	5	1	0	22.34	24.41	< 33.01
2593.00				22.40	24.47	< 33.01
2687.50				22.47	24.54	< 33.01
2498.50	5	1	12	22.08	24.15	< 33.01
2593.00				22.43	24.50	< 33.01
2687.50				22.70	24.77	< 33.01
2498.50	5	1	24	21.98	24.05	< 33.01
2593.00				22.45	24.52	< 33.01
2687.50				22.43	24.50	< 33.01
2498.50	5	25	0	21.04	23.11	< 33.01
2593.00				21.35	23.42	< 33.01
2687.50				21.42	23.49	< 33.01
2501.00	10	1	0	21.95	24.02	< 33.01
2593.00				22.38	24.45	< 33.01
2685.00				22.10	24.17	< 33.01
2501.00	10	1	24	22.06	24.13	< 33.01
2593.00				22.50	24.57	< 33.01
2685.00				22.78	24.85	< 33.01
2501.00	10	1	49	22.22	24.29	< 33.01
2593.00				22.20	24.27	< 33.01
2685.00				22.30	24.37	< 33.01
2501.00	10	50	0	21.09	23.16	< 33.01
2593.00				21.38	23.45	< 33.01
2685.00				21.36	23.43	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
2503.50	15	1	0	21.95	24.02	< 33.01
2593.00				22.46	24.53	< 33.01
2682.50				22.12	24.19	< 33.01
2503.50	15	1	37	21.80	23.87	< 33.01
2593.00				22.16	24.23	< 33.01
2682.50				22.47	24.54	< 33.01
2503.50	15	1	74	21.84	23.91	< 33.01
2593.00				22.08	24.15	< 33.01
2682.50				22.45	24.52	< 33.01
2503.50	15	75	0	20.96	23.03	< 33.01
2593.00				21.24	23.31	< 33.01
2682.50				21.20	23.27	< 33.01
2506.00	20	1	0	21.88	23.95	< 33.01
2593.00				22.38	24.45	< 33.01
2680.00				22.01	24.08	< 33.01
2506.00	20	1	49	22.14	24.21	< 33.01
2593.00				22.14	24.21	< 33.01
2680.00				22.50	24.57	< 33.01
2506.00	20	1	99	21.89	23.96	< 33.01
2593.00				22.01	24.08	< 33.01
2680.00				22.14	24.21	< 33.01
2506.00	20	100	0	21.00	23.07	< 33.01
2593.00				21.19	23.26	< 33.01
2680.00				21.22	23.29	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
2498.50	5	1	0	19.25	21.32	< 33.01
2593.00				19.38	21.45	< 33.01
2687.50				19.46	21.53	< 33.01
2498.50	5	1	12	19.39	21.46	< 33.01
2593.00				19.55	21.62	< 33.01
2687.50				19.60	21.67	< 33.01
2498.50	5	1	24	19.03	21.10	< 33.01
2593.00				19.24	21.31	< 33.01
2687.50				19.52	21.59	< 33.01
2498.50	5	25	0	19.06	21.13	< 33.01
2593.00				19.31	21.38	< 33.01
2687.50				19.45	21.52	< 33.01
2501.00	10	1	0	19.08	21.15	< 33.01
2593.00				19.30	21.37	< 33.01
2685.00				19.30	21.37	< 33.01
2501.00	10	1	24	19.26	21.33	< 33.01
2593.00				19.52	21.59	< 33.01
2685.00				19.74	21.81	< 33.01
2501.00	10	1	49	19.00	21.07	< 33.01
2593.00				19.18	21.25	< 33.01
2685.00				19.47	21.54	< 33.01
2501.00	10	50	0	19.13	21.20	< 33.01
2593.00				19.34	21.41	< 33.01
2685.00				19.36	21.43	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
2503.50	15	1	0	19.11	21.18	< 33.01
2593.00				19.32	21.39	< 33.01
2682.50				18.98	21.05	< 33.01
2503.50	15	1	37	19.01	21.08	< 33.01
2593.00				19.22	21.29	< 33.01
2682.50				19.56	21.63	< 33.01
2503.50	15	1	74	19.08	21.15	< 33.01
2593.00				19.17	21.24	< 33.01
2682.50				19.33	21.40	< 33.01
2503.50	15	75	0	18.97	21.04	< 33.01
2593.00				19.18	21.25	< 33.01
2682.50				19.20	21.27	< 33.01
2506.00	20	1	0	19.13	21.20	< 33.01
2593.00				19.36	21.43	< 33.01
2680.00				19.00	21.07	< 33.01
2506.00	20	1	49	19.08	21.15	< 33.01
2593.00				19.22	21.29	< 33.01
2680.00				19.47	21.54	< 33.01
2506.00	20	1	99	19.12	21.19	< 33.01
2593.00				19.23	21.30	< 33.01
2680.00				19.33	21.40	< 33.01
2506.00	20	100	0	18.97	21.04	< 33.01
2593.00				19.18	21.25	< 33.01
2680.00				19.31	21.38	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 38/41_HPUE

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
2498.50	5	1	0	25.44	27.51	< 33.01
2593.00				26.34	28.41	< 33.01
2687.50				26.23	28.30	< 33.01
2498.50	5	1	12	25.58	27.65	< 33.01
2593.00				26.37	28.44	< 33.01
2687.50				26.41	28.48	< 33.01
2498.50	5	1	24	25.58	27.65	< 33.01
2593.00				26.28	28.35	< 33.01
2687.50				26.28	28.35	< 33.01
2498.50	5	25	0	24.61	26.68	< 33.01
2593.00				25.35	27.42	< 33.01
2687.50				25.31	27.38	< 33.01
2501.00	10	1	0	25.28	27.35	< 33.01
2593.00				26.28	28.35	< 33.01
2685.00				25.89	27.96	< 33.01
2501.00	10	1	24	25.76	27.83	< 33.01
2593.00				26.27	28.34	< 33.01
2685.00				26.26	28.33	< 33.01
2501.00	10	1	49	25.98	28.05	< 33.01
2593.00				26.21	28.28	< 33.01
2685.00				25.95	28.02	< 33.01
2501.00	10	50	0	24.95	27.02	< 33.01
2593.00				25.37	27.44	< 33.01
2685.00				25.22	27.29	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
2503.50	15	1	0	25.16	27.23	< 33.01
2593.00				26.13	28.20	< 33.01
2682.50				25.66	27.73	< 33.01
2503.50	15	1	37	25.96	28.03	< 33.01
2593.00				26.15	28.22	< 33.01
2682.50				26.16	28.23	< 33.01
2503.50	15	1	74	25.98	28.05	< 33.01
2593.00				26.08	28.15	< 33.01
2682.50				26.09	28.16	< 33.01
2503.50	15	75	0	25.09	27.16	< 33.01
2593.00				25.18	27.25	< 33.01
2682.50				25.11	27.18	< 33.01
2506.00	20	1	0	25.46	27.53	< 33.01
2593.00				26.27	28.34	< 33.01
2680.00				25.68	27.75	< 33.01
2506.00	20	1	49	26.12	28.19	< 33.01
2593.00				26.33	28.40	< 33.01
2680.00				26.23	28.30	< 33.01
2506.00	20	1	99	26.24	28.31	< 33.01
2593.00				26.18	28.25	< 33.01
2680.00				26.10	28.17	< 33.01
2506.00	20	100	0	25.15	27.22	< 33.01
2593.00				25.22	27.29	< 33.01
2680.00				25.16	27.23	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
2498.50	5	1	0	24.54	26.61	< 33.01
2593.00				25.55	27.62	< 33.01
2687.50				25.44	27.51	< 33.01
2498.50	5	1	12	24.75	26.82	< 33.01
2593.00				25.55	27.62	< 33.01
2687.50				25.57	27.64	< 33.01
2498.50	5	1	24	24.77	26.84	< 33.01
2593.00				25.52	27.59	< 33.01
2687.50				25.47	27.54	< 33.01
2498.50	5	25	0	23.65	25.72	< 33.01
2593.00				24.36	26.43	< 33.01
2687.50				24.33	26.40	< 33.01
2501.00	10	1	0	24.55	26.62	< 33.01
2593.00				25.43	27.50	< 33.01
2685.00				25.19	27.26	< 33.01
2501.00	10	1	24	24.97	27.04	< 33.01
2593.00				25.21	27.28	< 33.01
2685.00				25.47	27.54	< 33.01
2501.00	10	1	49	25.18	27.25	< 33.01
2593.00				25.33	27.40	< 33.01
2685.00				25.21	27.28	< 33.01
2501.00	10	50	0	23.96	26.03	< 33.01
2593.00				24.37	26.44	< 33.01
2685.00				24.25	26.32	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
2503.50	15	1	0	24.40	26.47	< 33.01
2593.00				25.44	27.51	< 33.01
2682.50				25.14	27.21	< 33.01
2503.50	15	1	37	25.29	27.36	< 33.01
2593.00				25.53	27.60	< 33.01
2682.50				25.54	27.61	< 33.01
2503.50	15	1	74	25.28	27.35	< 33.01
2593.00				25.42	27.49	< 33.01
2682.50				25.49	27.56	< 33.01
2503.50	15	75	0	24.17	26.24	< 33.01
2593.00				24.22	26.29	< 33.01
2682.50				24.14	26.21	< 33.01
2506.00	20	1	0	24.64	26.71	< 33.01
2593.00				25.47	27.54	< 33.01
2680.00				24.92	26.99	< 33.01
2506.00	20	1	49	25.45	27.52	< 33.01
2593.00				25.56	27.63	< 33.01
2680.00				25.67	27.74	< 33.01
2506.00	20	1	99	25.48	27.55	< 33.01
2593.00				25.41	27.48	< 33.01
2680.00				25.20	27.27	< 33.01
2506.00	20	100	0	24.17	26.24	< 33.01
2593.00				24.22	26.29	< 33.01
2680.00				24.19	26.26	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
2498.50	5	1	0	23.47	25.54	< 33.01
2593.00				24.41	26.48	< 33.01
2687.50				24.45	26.52	< 33.01
2498.50	5	1	12	23.93	26.00	< 33.01
2593.00				24.24	26.31	< 33.01
2687.50				24.21	26.28	< 33.01
2498.50	5	1	24	23.94	26.01	< 33.01
2593.00				24.49	26.56	< 33.01
2687.50				24.52	26.59	< 33.01
2498.50	5	25	0	22.68	24.75	< 33.01
2593.00				23.33	25.40	< 33.01
2687.50				23.34	25.41	< 33.01
2501.00	10	1	0	23.79	25.86	< 33.01
2593.00				24.38	26.45	< 33.01
2685.00				24.29	26.36	< 33.01
2501.00	10	1	24	23.95	26.02	< 33.01
2593.00				24.37	26.44	< 33.01
2685.00				24.20	26.27	< 33.01
2501.00	10	1	49	24.44	26.51	< 33.01
2593.00				24.16	26.23	< 33.01
2685.00				24.15	26.22	< 33.01
2501.00	10	50	0	22.98	25.05	< 33.01
2593.00				23.35	25.42	< 33.01
2685.00				23.24	25.31	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
2503.50	15	1	0	23.51	25.58	< 33.01
2593.00				24.34	26.41	< 33.01
2682.50				24.25	26.32	< 33.01
2503.50	15	1	37	24.19	26.26	< 33.01
2593.00				24.12	26.19	< 33.01
2682.50				24.76	26.83	< 33.01
2503.50	15	1	74	24.54	26.61	< 33.01
2593.00				24.47	26.54	< 33.01
2682.50				24.15	26.22	< 33.01
2503.50	15	75	0	23.18	25.25	< 33.01
2593.00				23.21	25.28	< 33.01
2682.50				23.15	25.22	< 33.01
2506.00	20	1	0	23.65	25.72	< 33.01
2593.00				24.27	26.34	< 33.01
2680.00				23.87	25.94	< 33.01
2506.00	20	1	49	24.27	26.34	< 33.01
2593.00				24.52	26.59	< 33.01
2680.00				24.56	26.63	< 33.01
2506.00	20	1	99	24.37	26.44	< 33.01
2593.00				24.47	26.54	< 33.01
2680.00				24.26	26.33	< 33.01
2506.00	20	100	0	23.29	25.36	< 33.01
2593.00				23.24	25.31	< 33.01
2680.00				23.16	25.23	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
2498.50	5	1	0	21.43	23.50	< 33.01
2593.00				21.46	23.53	< 33.01
2687.50				21.42	23.49	< 33.01
2498.50	5	1	12	21.54	23.61	< 33.01
2593.00				21.54	23.61	< 33.01
2687.50				21.61	23.68	< 33.01
2498.50	5	1	24	21.47	23.54	< 33.01
2593.00				21.43	23.50	< 33.01
2687.50				21.38	23.45	< 33.01
2498.50	5	25	0	21.34	23.41	< 33.01
2593.00				21.32	23.39	< 33.01
2687.50				21.26	23.33	< 33.01
2501.00	10	1	0	21.42	23.49	< 33.01
2593.00				21.32	23.39	< 33.01
2685.00				20.98	23.05	< 33.01
2501.00	10	1	24	21.48	23.55	< 33.01
2593.00				21.45	23.52	< 33.01
2685.00				21.33	23.40	< 33.01
2501.00	10	1	49	21.32	23.39	< 33.01
2593.00				21.52	23.59	< 33.01
2685.00				21.06	23.13	< 33.01
2501.00	10	50	0	21.37	23.44	< 33.01
2593.00				21.32	23.39	< 33.01
2685.00				21.22	23.29	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
256QAM						
2503.50	15	1	0	21.14	23.21	< 33.01
2593.00				21.22	23.29	< 33.01
2682.50				20.91	22.98	< 33.01
2503.50	15	1	37	21.28	23.35	< 33.01
2593.00				21.44	23.51	< 33.01
2682.50				21.38	23.45	< 33.01
2503.50	15	1	74	21.33	23.40	< 33.01
2593.00				21.32	23.39	< 33.01
2682.50				21.28	23.35	< 33.01
2503.50	15	75	0	21.22	23.29	< 33.01
2593.00				21.19	23.26	< 33.01
2682.50				21.14	23.21	< 33.01
2506.00	20	1	0	21.37	23.44	< 33.01
2593.00				21.37	23.44	< 33.01
2680.00				20.93	23.00	< 33.01
2506.00	20	1	49	21.42	23.49	< 33.01
2593.00				21.43	23.50	< 33.01
2680.00				21.42	23.49	< 33.01
2506.00	20	1	99	21.53	23.60	< 33.01
2593.00				21.34	23.41	< 33.01
2680.00				21.41	23.48	< 33.01
2506.00	20	100	0	21.27	23.34	< 33.01
2593.00				21.20	23.27	< 33.01
2680.00				21.13	23.20	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 71

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
665.5	5	1	0	22.45	21.48	< 34.77
680.5				22.27	21.30	< 34.77
695.5				22.27	21.30	< 34.77
665.5	5	1	12	22.30	21.33	< 34.77
680.5				22.37	21.40	< 34.77
695.5				22.34	21.37	< 34.77
665.5	5	1	24	22.31	21.34	< 34.77
680.5				22.19	21.22	< 34.77
695.5				22.18	21.21	< 34.77
665.5	5	25	0	21.83	20.86	< 34.77
680.5				21.70	20.73	< 34.77
695.5				21.69	20.72	< 34.77
668.0	10	1	0	22.40	21.43	< 34.77
680.5				22.38	21.41	< 34.77
693.0				22.36	21.39	< 34.77
668.0	10	1	24	22.31	21.34	< 34.77
680.5				22.24	21.27	< 34.77
693.0				22.28	21.31	< 34.77
668.0	10	1	49	22.18	21.21	< 34.77
680.5				22.27	21.30	< 34.77
693.0				22.27	21.30	< 34.77
668.0	10	50	0	21.69	20.72	< 34.77
680.5				21.87	20.90	< 34.77
693.0				21.82	20.85	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
670.5	15	1	0	22.36	21.39	< 34.77
680.5				22.18	21.21	< 34.77
690.5				22.17	21.20	< 34.77
670.5	15	1	37	22.28	21.31	< 34.77
680.5				22.16	21.19	< 34.77
690.5				22.08	21.11	< 34.77
670.5	15	1	74	22.21	21.24	< 34.77
680.5				22.14	21.17	< 34.77
690.5				22.04	21.07	< 34.77
670.5	15	75	0	21.71	20.74	< 34.77
680.5				21.82	20.85	< 34.77
690.5				21.51	20.54	< 34.77
673.0	20	1	0	22.05	21.08	< 34.77
683.0				22.05	21.08	< 34.77
688.0				22.16	21.19	< 34.77
673.0	20	1	49	22.17	21.20	< 34.77
683.0				22.44	21.47	< 34.77
688.0				22.11	21.14	< 34.77
673.0	20	1	99	22.10	21.13	< 34.77
683.0				22.28	21.31	< 34.77
688.0				22.02	21.05	< 34.77
673.0	20	100	0	21.73	20.76	< 34.77
683.0				21.69	20.72	< 34.77
688.0				21.57	20.60	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
665.5	5	1	0	22.18	21.21	< 34.77
680.5				21.95	20.98	< 34.77
695.5				22.05	21.08	< 34.77
665.5	5	1	12	21.93	20.96	< 34.77
680.5				21.90	20.93	< 34.77
695.5				22.09	21.12	< 34.77
665.5	5	1	24	22.04	21.07	< 34.77
680.5				21.72	20.75	< 34.77
695.5				21.90	20.93	< 34.77
665.5	5	25	0	20.79	19.82	< 34.77
680.5				20.87	19.90	< 34.77
695.5				20.73	19.76	< 34.77
668.0	10	1	0	22.05	21.08	< 34.77
680.5				21.89	20.92	< 34.77
693.0				21.92	20.95	< 34.77
668.0	10	1	24	22.09	21.12	< 34.77
680.5				22.03	21.06	< 34.77
693.0				21.90	20.93	< 34.77
668.0	10	1	49	21.90	20.93	< 34.77
680.5				22.04	21.07	< 34.77
693.0				21.96	20.99	< 34.77
668.0	10	50	0	20.73	19.76	< 34.77
680.5				20.76	19.79	< 34.77
693.0				20.73	19.76	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
670.5	15	1	0	21.94	20.97	< 34.77
680.5				21.88	20.91	< 34.77
690.5				21.72	20.75	< 34.77
670.5	15	1	37	21.98	21.01	< 34.77
680.5				21.71	20.74	< 34.77
690.5				21.73	20.76	< 34.77
670.5	15	1	74	21.71	20.74	< 34.77
680.5				21.72	20.75	< 34.77
690.5				22.34	21.37	< 34.77
670.5	15	75	0	20.80	19.83	< 34.77
680.5				20.71	19.74	< 34.77
690.5				20.62	19.65	< 34.77
673.0	20	1	0	21.79	20.82	< 34.77
683.0				21.99	21.02	< 34.77
688.0				21.76	20.79	< 34.77
673.0	20	1	49	21.83	20.86	< 34.77
683.0				21.51	20.54	< 34.77
688.0				21.69	20.72	< 34.77
673.0	20	1	99	21.69	20.72	< 34.77
683.0				21.70	20.73	< 34.77
688.0				21.74	20.77	< 34.77
673.0	20	100	0	20.69	19.72	< 34.77
683.0				20.68	19.71	< 34.77
688.0				20.57	19.60	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
665.5	5	1	0	20.97	20.00	< 34.77
680.5				21.07	20.10	< 34.77
695.5				20.83	19.86	< 34.77
665.5	5	1	12	21.22	20.25	< 34.77
680.5				21.03	20.06	< 34.77
695.5				21.04	20.07	< 34.77
665.5	5	1	24	21.03	20.06	< 34.77
680.5				20.87	19.90	< 34.77
695.5				21.23	20.26	< 34.77
665.5	5	25	0	20.05	19.08	< 34.77
680.5				19.86	18.89	< 34.77
695.5				19.91	18.94	< 34.77
668.0	10	1	0	21.26	20.29	< 34.77
680.5				20.94	19.97	< 34.77
693.0				21.00	20.03	< 34.77
668.0	10	1	24	21.09	20.12	< 34.77
680.5				21.14	20.17	< 34.77
693.0				21.18	20.21	< 34.77
668.0	10	1	49	21.06	20.09	< 34.77
680.5				21.00	20.03	< 34.77
693.0				21.09	20.12	< 34.77
668.0	10	50	0	20.00	19.03	< 34.77
680.5				19.82	18.85	< 34.77
693.0				19.94	18.97	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
670.5	15	1	0	20.76	19.79	< 34.77
680.5				20.95	19.98	< 34.77
690.5				20.92	19.95	< 34.77
670.5	15	1	37	20.89	19.92	< 34.77
680.5				21.22	20.25	< 34.77
690.5				20.90	19.93	< 34.77
670.5	15	1	74	21.09	20.12	< 34.77
680.5				20.87	19.90	< 34.77
690.5				20.88	19.91	< 34.77
670.5	15	75	0	19.91	18.94	< 34.77
680.5				19.74	18.77	< 34.77
690.5				19.88	18.91	< 34.77
673.0	20	1	0	20.94	19.97	< 34.77
683.0				20.88	19.91	< 34.77
688.0				20.92	19.95	< 34.77
673.0	20	1	49	20.87	19.90	< 34.77
683.0				21.02	20.05	< 34.77
688.0				21.07	20.10	< 34.77
673.0	20	1	99	20.84	19.87	< 34.77
683.0				20.95	19.98	< 34.77
688.0				20.66	19.69	< 34.77
673.0	20	100	0	19.81	18.84	< 34.77
683.0				19.76	18.79	< 34.77
688.0				19.89	18.92	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
665.5	5	1	0	18.21	17.24	< 34.77
680.5				18.10	17.13	< 34.77
695.5				17.92	16.95	< 34.77
665.5	5	1	12	18.08	17.11	< 34.77
680.5				18.16	17.19	< 34.77
695.5				18.29	17.32	< 34.77
665.5	5	1	24	17.99	17.02	< 34.77
680.5				18.21	17.24	< 34.77
695.5				18.01	17.04	< 34.77
665.5	5	25	0	18.00	17.03	< 34.77
680.5				17.93	16.96	< 34.77
695.5				17.91	16.94	< 34.77
668.0	10	1	0	17.87	16.90	< 34.77
680.5				18.09	17.12	< 34.77
693.0				18.12	17.15	< 34.77
668.0	10	1	24	18.08	17.11	< 34.77
680.5				17.95	16.98	< 34.77
693.0				18.13	17.16	< 34.77
668.0	10	1	49	17.83	16.86	< 34.77
680.5				17.95	16.98	< 34.77
693.0				17.94	16.97	< 34.77
668.0	10	50	0	18.07	17.10	< 34.77
680.5				17.87	16.90	< 34.77
693.0				17.92	16.95	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
256QAM						
670.5	15	1	0	18.07	17.10	< 34.77
680.5				17.84	16.87	< 34.77
690.5				17.98	17.01	< 34.77
670.5	15	1	37	18.06	17.09	< 34.77
680.5				17.98	17.01	< 34.77
690.5				17.90	16.93	< 34.77
670.5	15	1	74	17.94	16.97	< 34.77
680.5				17.95	16.98	< 34.77
690.5				18.10	17.13	< 34.77
670.5	15	75	0	17.88	16.91	< 34.77
680.5				17.81	16.84	< 34.77
690.5				17.84	16.87	< 34.77
673.0	20	1	0	18.00	17.03	< 34.77
683.0				17.85	16.88	< 34.77
688.0				17.95	16.98	< 34.77
673.0	20	1	49	18.00	17.03	< 34.77
683.0				18.10	17.13	< 34.77
688.0				17.97	17.00	< 34.77
673.0	20	1	99	17.94	16.97	< 34.77
683.0				17.98	17.01	< 34.77
688.0				17.88	16.91	< 34.77
673.0	20	100	0	17.88	16.91	< 34.77
683.0				17.67	16.70	< 34.77
688.0				17.90	16.93	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	Intra-Band CA_2C

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1860.0	1879.8	20+20	P_1@0	S_0@0	23.23	24.60	< 33.01
1870.1	1889.9				23.27	24.64	< 33.01
1880.2	1900.0				23.23	24.60	< 33.01
1860.0	1879.8		P_1@49	S_0@0	23.31	24.68	< 33.01
1870.1	1889.9				23.23	24.60	< 33.01
1880.2	1900.0				23.28	24.65	< 33.01
1860.0	1879.8		P_1@99	S_0@0	23.19	24.56	< 33.01
1870.1	1889.9				23.36	24.73	< 33.01
1880.2	1900.0				23.25	24.62	< 33.01
1860.0	1879.8		P_100@0	S_10@0	22.24	23.61	< 33.01
1870.1	1889.9				22.31	23.68	< 33.01
1880.2	1900.0				22.27	23.64	< 33.01
1860.0	1877.1	20+15	P_1@0	S_0@0	23.24	24.61	< 33.01
1872.6	1889.7				23.29	24.66	< 33.01
1885.1	1902.2				23.27	24.64	< 33.01
1860.0	1877.1		P_1@49	S_0@0	23.28	24.65	< 33.01
1872.6	1889.7				23.32	24.69	< 33.01
1885.1	1902.2				23.34	24.71	< 33.01
1860.0	1877.1		P_1@99	S_0@0	23.29	24.66	< 33.01
1872.6	1889.7				23.26	24.63	< 33.01
1885.1	1902.2				23.14	24.51	< 33.01
1860.0	1877.1		P_100@0	S_75@0	22.24	23.61	< 33.01
1872.6	1889.7				22.29	23.66	< 33.01
1885.1	1902.2				22.28	23.65	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1857.8	1874.9	15+20	P_1@0	S_0@0	23.47	24.84	< 33.01
1870.3	1887.4				23.34	24.71	< 33.01
1882.9	1900.0				23.27	24.64	< 33.01
1857.8	1874.9		P_1@38	S_0@0	23.31	24.68	< 33.01
1870.3	1887.4				23.29	24.66	< 33.01
1882.9	1900.0				23.32	24.69	< 33.01
1857.8	1874.9		P_1@74	S_0@0	23.20	24.57	< 33.01
1870.3	1887.4				23.23	24.60	< 33.01
1882.9	1900.0				23.22	24.59	< 33.01
1857.8	1874.9		P_75@0	S_100@0	22.27	23.64	< 33.01
1870.3	1887.4				22.31	23.68	< 33.01
1882.9	1900.0				22.29	23.66	< 33.01
1860.0	1874.4	20+10	P_1@0	S_0@0	23.33	24.70	< 33.01
1875.1	1889.5				23.26	24.63	< 33.01
1890.1	1904.5				23.41	24.78	< 33.01
1860.0	1874.4		P_1@49	S_0@0	23.36	24.73	< 33.01
1875.1	1889.5				23.34	24.71	< 33.01
1890.1	1904.5				23.35	24.72	< 33.01
1860.0	1874.4		P_1@99	S_0@0	23.31	24.68	< 33.01
1875.1	1889.5				23.10	24.47	< 33.01
1890.1	1904.5				23.32	24.69	< 33.01
1860.0	1874.4		P_100@0	S_50@0	22.26	23.63	< 33.01
1875.1	1889.5				22.27	23.64	< 33.01
1890.1	1904.5				22.30	23.67	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1855.5	1869.9	10+20	P_1@0	S_0@0	23.55	24.92	< 33.01
1870.6	1885.0				23.54	24.91	< 33.01
1885.6	1900.0				23.32	24.69	< 33.01
1855.5	1869.9		P_1@25	S_0@0	23.58	24.95	< 33.01
1870.6	1885.0				23.48	24.85	< 33.01
1885.6	1900.0				23.40	24.77	< 33.01
1855.5	1869.9		P_1@49	S_0@0	23.42	24.79	< 33.01
1870.6	1885.0				23.54	24.91	< 33.01
1885.6	1900.0				23.31	24.68	< 33.01
1855.5	1869.9		P_50@0	S_100@0	22.29	23.66	< 33.01
1870.6	1885.0				22.33	23.70	< 33.01
1885.6	1900.0				22.32	23.69	< 33.01
1860.0	1871.7	20+5	P_1@0	S_0@0	22.27	23.64	< 33.01
1877.5	1889.2				23.32	24.69	< 33.01
1895.0	1906.7				23.39	24.76	< 33.01
1860.0	1871.7		P_1@49	S_0@0	23.37	24.74	< 33.01
1877.5	1889.2				23.45	24.82	< 33.01
1895.0	1906.7				23.51	24.88	< 33.01
1860.0	1871.7		P_1@99	S_0@0	23.37	24.74	< 33.01
1877.5	1889.2				23.47	24.84	< 33.01
1895.0	1906.7				23.35	24.72	< 33.01
1860.0	1871.7		P_100@	S_25@0	23.22	24.59	< 33.01
1877.5	1889.2				22.29	23.66	< 33.01
1895.0	1906.7				22.34	23.71	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1853.3	1865.0	5+20	P_1@0	S_0@0	23.54	24.91	< 33.01
1870.8	1882.5				23.46	24.83	< 33.01
1888.3	1900.0				23.53	24.90	< 33.01
1853.3	1865.0		P_1@13	S_0@0	23.52	24.89	< 33.01
1870.8	1882.5				23.56	24.93	< 33.01
1888.3	1900.0				23.53	24.90	< 33.01
1853.3	1865.0		P_1@24	S_0@0	23.46	24.83	< 33.01
1870.8	1882.5				23.49	24.86	< 33.01
1888.3	1900.0				23.45	24.82	< 33.01
1853.3	1865.0		P_25@0	S_100@0	22.31	23.68	< 33.01
1870.8	1882.5				22.35	23.72	< 33.01
1888.3	1900.0				23.54	24.91	< 33.01
1857.5	1904.5	15+15	P_1@0	S_0@0	23.37	24.74	< 33.01
1872.5	1872.5				23.26	24.63	< 33.01
1887.5	1887.5				23.25	24.62	< 33.01
1857.5	1902.5		P_1@38	S_0@0	23.35	24.72	< 33.01
1872.5	1872.5				23.24	24.61	< 33.01
1887.5	1887.5				23.22	24.59	< 33.01
1857.5	1902.5		P_1@74	S_0@0	23.31	24.68	< 33.01
1872.5	1872.5				23.23	24.60	< 33.01
1887.5	1887.5				23.14	24.51	< 33.01
1857.5	1902.5		P_75@0	S_75@0	22.26	23.63	< 33.01
1872.5	1872.5				22.20	23.57	< 33.01
1887.5	1887.5				22.17	23.54	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1855.3	1867.3	10+15	P_1@0	S_0@0	23.44	24.81	< 33.01
1872.9	1884.9				23.43	24.80	< 33.01
1890.5	1902.5				23.36	24.73	< 33.01
1855.3	1867.3		P_1@25	S_0@0	23.35	24.72	< 33.01
1872.9	1884.9				23.43	24.80	< 33.01
1890.5	1902.5				23.45	24.82	< 33.01
1855.3	1867.3		P_1@49	S_0@0	23.49	24.86	< 33.01
1872.9	1884.9				23.42	24.79	< 33.01
1890.5	1902.5				23.38	24.75	< 33.01
1855.3	1867.3		P_50@0	S_75@0	22.30	23.67	< 33.01
1872.9	1884.9				22.26	23.63	< 33.01
1890.5	1902.5				22.27	23.64	< 33.01
1857.5	1869.5	15+10	P_1@0	S_0@0	23.35	24.72	< 33.01
1875.1	1887.1				23.31	24.68	< 33.01
1892.7	1904.7				23.21	24.58	< 33.01
1857.5	1869.5		P_1@38	S_0@0	23.41	24.78	< 33.01
1875.1	1887.1				23.30	24.67	< 33.01
1892.7	1904.7				23.25	24.62	< 33.01
1857.5	1869.5		P_1@74	S_0@0	23.28	24.65	< 33.01
1875.1	1887.1				23.26	24.63	< 33.01
1892.7	1904.7				23.33	24.70	< 33.01
1857.5	1869.5		P_75@0	S_50@0	22.28	23.65	< 33.01
1875.1	1887.1				22.30	23.67	< 33.01
1892.7	1904.7				22.23	23.60	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1860.0	1879.8	20+20	P_1@0	S_0@0	22.37	23.74	< 33.01
1870.1	1889.9				22.65	24.02	< 33.01
1880.2	1900.0				22.43	23.80	< 33.01
1860.0	1879.8		P_1@49	S_0@0	22.73	24.10	< 33.01
1870.1	1889.9				22.51	23.88	< 33.01
1880.2	1900.0				22.78	24.15	< 33.01
1860.0	1879.8		P_1@99	S_0@0	22.56	23.93	< 33.01
1870.1	1889.9				22.37	23.74	< 33.01
1880.2	1900.0				21.30	22.67	< 33.01
1860.0	1879.8		P_100@0	S_10@0	21.32	22.69	< 33.01
1870.1	1889.9				21.25	22.62	< 33.01
1880.2	1900.0				22.37	23.74	< 33.01
1860.0	1877.1	20+15	P_1@0	S_0@0	22.46	23.83	< 33.01
1872.6	1889.7				22.64	24.01	< 33.01
1885.1	1902.2				22.39	23.76	< 33.01
1860.0	1877.1		P_1@49	S_0@0	22.47	23.84	< 33.01
1872.6	1889.7				22.66	24.03	< 33.01
1885.1	1902.2				22.53	23.90	< 33.01
1860.0	1877.1		P_1@99	S_0@0	22.40	23.77	< 33.01
1872.6	1889.7				22.77	24.14	< 33.01
1885.1	1902.2				21.26	22.63	< 33.01
1860.0	1877.1		P_100@0	S_75@0	21.29	22.66	< 33.01
1872.6	1889.7				21.25	22.62	< 33.01
1885.1	1902.2				22.53	23.90	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1857.8	1874.9	15+20	P_1@0	S_0@0	22.65	24.02	< 33.01
1870.3	1887.4				22.42	23.79	< 33.01
1882.9	1900.0				22.47	23.84	< 33.01
1857.8	1874.9		P_1@38	S_0@0	22.56	23.93	< 33.01
1870.3	1887.4				22.49	23.86	< 33.01
1882.9	1900.0				22.52	23.89	< 33.01
1857.8	1874.9		P_1@74	S_0@0	22.56	23.93	< 33.01
1870.3	1887.4				22.55	23.92	< 33.01
1882.9	1900.0				22.42	23.79	< 33.01
1857.8	1874.9		P_75@0	S_100@0	21.25	22.62	< 33.01
1870.3	1887.4				21.30	22.67	< 33.01
1882.9	1900.0				21.29	22.66	< 33.01
1860.0	1874.4	20+10	P_1@0	S_0@0	22.61	23.98	< 33.01
1875.1	1889.5				22.57	23.94	< 33.01
1890.1	1904.5				22.64	24.01	< 33.01
1860.0	1874.4		P_1@49	S_0@0	22.73	24.10	< 33.01
1875.1	1889.5				22.44	23.81	< 33.01
1890.1	1904.5				22.63	24.00	< 33.01
1860.0	1874.4		P_1@99	S_0@0	22.73	24.10	< 33.01
1875.1	1889.5				22.54	23.91	< 33.01
1890.1	1904.5				22.37	23.74	< 33.01
1860.0	1874.4		P_100@0	S_50@0	21.30	22.67	< 33.01
1875.1	1889.5				21.31	22.68	< 33.01
1890.1	1904.5				21.26	22.63	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1855.5	1869.9	10+20	P_1@0	S_0@0	22.77	24.14	< 33.01
1870.6	1885.0				22.79	24.16	< 33.01
1885.6	1900.0				22.64	24.01	< 33.01
1855.5	1869.9		P_1@25	S_0@0	22.64	24.01	< 33.01
1870.6	1885.0				22.65	24.02	< 33.01
1885.6	1900.0				22.72	24.09	< 33.01
1855.5	1869.9		P_1@49	S_0@0	22.64	24.01	< 33.01
1870.6	1885.0				22.74	24.11	< 33.01
1885.6	1900.0				22.59	23.96	< 33.01
1855.5	1869.9		P_50@0	S_100@0	21.23	22.60	< 33.01
1870.6	1885.0				21.34	22.71	< 33.01
1885.6	1900.0				21.26	22.63	< 33.01
1860.0	1871.7	20+5	P_1@0	S_0@0	22.57	23.94	< 33.01
1877.5	1889.2				22.59	23.96	< 33.01
1895.0	1906.7				22.71	24.08	< 33.01
1860.0	1871.7		P_1@49	S_0@0	22.58	23.95	< 33.01
1877.5	1889.2				22.81	24.18	< 33.01
1895.0	1906.7				22.71	24.08	< 33.01
1860.0	1871.7		P_1@99	S_0@0	22.75	24.12	< 33.01
1877.5	1889.2				22.42	23.79	< 33.01
1895.0	1906.7				22.65	24.02	< 33.01
1860.0	1871.7		P_100@	S_25@0	21.35	22.72	< 33.01
1877.5	1889.2				21.33	22.70	< 33.01
1895.0	1906.7				21.27	22.64	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1853.3	1865.0	5+20	P_1@0	S_0@0	22.68	24.05	< 33.01
1870.8	1882.5				22.72	24.09	< 33.01
1888.3	1900.0				22.85	24.22	< 33.01
1853.3	1865.0		P_1@13	S_0@0	22.69	24.06	< 33.01
1870.8	1882.5				22.88	24.25	< 33.01
1888.3	1900.0				22.76	24.13	< 33.01
1853.3	1865.0		P_1@24	S_0@0	22.76	24.13	< 33.01
1870.8	1882.5				22.62	23.99	< 33.01
1888.3	1900.0				22.83	24.20	< 33.01
1853.3	1865.0		P_25@0	S_100@0	21.36	22.73	< 33.01
1870.8	1882.5				21.35	22.72	< 33.01
1888.3	1900.0				21.31	22.68	< 33.01
1857.5	1904.5	15+15	P_1@0	S_0@0	22.56	23.93	< 33.01
1872.5	1872.5				22.49	23.86	< 33.01
1887.5	1887.5				22.58	23.95	< 33.01
1857.5	1902.5		P_1@38	S_0@0	22.54	23.91	< 33.01
1872.5	1872.5				22.56	23.93	< 33.01
1887.5	1887.5				22.47	23.84	< 33.01
1857.5	1902.5		P_1@74	S_0@0	22.59	23.96	< 33.01
1872.5	1872.5				22.41	23.78	< 33.01
1887.5	1887.5				22.43	23.80	< 33.01
1857.5	1902.5		P_75@0	S_75@0	21.28	22.65	< 33.01
1872.5	1872.5				21.21	22.58	< 33.01
1887.5	1887.5				21.18	22.55	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1855.3	1867.3	10+15	P_1@0	S_0@0	22.47	23.84	< 33.01
1872.9	1884.9				22.56	23.93	< 33.01
1890.5	1902.5				22.61	23.98	< 33.01
1855.3	1867.3		P_1@25	S_0@0	22.63	24.00	< 33.01
1872.9	1884.9				22.66	24.03	< 33.01
1890.5	1902.5				22.57	23.94	< 33.01
1855.3	1867.3		P_1@49	S_0@0	22.74	24.11	< 33.01
1872.9	1884.9				22.75	24.12	< 33.01
1890.5	1902.5				22.49	23.86	< 33.01
1855.3	1867.3		P_50@0	S_75@0	21.31	22.68	< 33.01
1872.9	1884.9				21.30	22.67	< 33.01
1890.5	1902.5				21.29	22.66	< 33.01
1857.5	1869.5	15+10	P_1@0	S_0@0	22.67	24.04	< 33.01
1875.1	1887.1				22.75	24.12	< 33.01
1892.7	1904.7				22.61	23.98	< 33.01
1857.5	1869.5		P_1@38	S_0@0	22.66	24.03	< 33.01
1875.1	1887.1				22.52	23.89	< 33.01
1892.7	1904.7				22.56	23.93	< 33.01
1857.5	1869.5		P_1@74	S_0@0	22.41	23.78	< 33.01
1875.1	1887.1				22.54	23.91	< 33.01
1892.7	1904.7				22.48	23.85	< 33.01
1857.5	1869.5		P_75@0	S_50@0	21.27	22.64	< 33.01
1875.1	1887.1				21.31	22.68	< 33.01
1892.7	1904.7				21.24	22.61	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1860.0	1879.8	20+20	P_1@0	S_0@0	21.56	22.93	< 33.01
1870.1	1889.9				21.43	22.80	< 33.01
1880.2	1900.0				21.46	22.83	< 33.01
1860.0	1879.8		P_1@49	S_0@0	21.59	22.96	< 33.01
1870.1	1889.9				21.55	22.92	< 33.01
1880.2	1900.0				21.43	22.80	< 33.01
1860.0	1879.8		P_1@99	S_0@0	21.68	23.05	< 33.01
1870.1	1889.9				21.62	22.99	< 33.01
1880.2	1900.0				21.41	22.78	< 33.01
1860.0	1879.8		P_100@0	S_10@0	21.21	22.58	< 33.01
1870.1	1889.9				21.31	22.68	< 33.01
1880.2	1900.0				21.29	22.66	< 33.01
1860.0	1877.1	20+15	P_1@0	S_0@0	21.53	22.90	< 33.01
1872.6	1889.7				21.61	22.98	< 33.01
1885.1	1902.2				21.63	23.00	< 33.01
1860.0	1877.1		P_1@49	S_0@0	21.61	22.98	< 33.01
1872.6	1889.7				21.56	22.93	< 33.01
1885.1	1902.2				21.42	22.79	< 33.01
1860.0	1877.1		P_1@99	S_0@0	21.51	22.88	< 33.01
1872.6	1889.7				21.47	22.84	< 33.01
1885.1	1902.2				21.48	22.85	< 33.01
1860.0	1877.1		P_100@0	S_75@0	21.29	22.66	< 33.01
1872.6	1889.7				21.25	22.62	< 33.01
1885.1	1902.2				21.24	22.61	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1857.8	1874.9	15+20	P_1@0	S_0@0	21.63	23.00	< 33.01
1870.3	1887.4				21.52	22.89	< 33.01
1882.9	1900.0				21.58	22.95	< 33.01
1857.8	1874.9		P_1@38	S_0@0	21.25	22.62	< 33.01
1870.3	1887.4				21.74	23.11	< 33.01
1882.9	1900.0				21.78	23.15	< 33.01
1857.8	1874.9		P_1@74	S_0@0	21.53	22.90	< 33.01
1870.3	1887.4				21.45	22.82	< 33.01
1882.9	1900.0				21.63	23.00	< 33.01
1857.8	1874.9		P_75@0	S_100@0	21.24	22.61	< 33.01
1870.3	1887.4				21.31	22.68	< 33.01
1882.9	1900.0				21.27	22.64	< 33.01
1860.0	1874.4	20+10	P_1@0	S_0@0	21.47	22.84	< 33.01
1875.1	1889.5				21.76	23.13	< 33.01
1890.1	1904.5				21.81	23.18	< 33.01
1860.0	1874.4		P_1@49	S_0@0	21.70	23.07	< 33.01
1875.1	1889.5				21.63	23.00	< 33.01
1890.1	1904.5				21.65	23.02	< 33.01
1860.0	1874.4		P_1@99	S_0@0	21.57	22.94	< 33.01
1875.1	1889.5				21.55	22.92	< 33.01
1890.1	1904.5				21.56	22.93	< 33.01
1860.0	1874.4		P_100@0	S_50@0	21.28	22.65	< 33.01
1875.1	1889.5				21.27	22.64	< 33.01
1890.1	1904.5				21.27	22.64	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1855.5	1869.9	10+20	P_1@0	S_0@0	21.90	23.27	< 33.01
1870.6	1885.0				21.82	23.19	< 33.01
1885.6	1900.0				21.79	23.16	< 33.01
1855.5	1869.9		P_1@25	S_0@0	21.71	23.08	< 33.01
1870.6	1885.0				21.76	23.13	< 33.01
1885.6	1900.0				21.81	23.18	< 33.01
1855.5	1869.9		P_1@49	S_0@0	21.77	23.14	< 33.01
1870.6	1885.0				21.84	23.21	< 33.01
1885.6	1900.0				21.53	22.90	< 33.01
1855.5	1869.9		P_50@0	S_100@0	21.31	22.68	< 33.01
1870.6	1885.0				21.37	22.74	< 33.01
1885.6	1900.0				21.28	22.65	< 33.01
1860.0	1871.7	20+5	P_1@0	S_0@0	21.77	23.14	< 33.01
1877.5	1889.2				21.78	23.15	< 33.01
1895.0	1906.7				21.76	23.13	< 33.01
1860.0	1871.7		P_1@49	S_0@0	21.75	23.12	< 33.01
1877.5	1889.2				21.76	23.13	< 33.01
1895.0	1906.7				21.62	22.99	< 33.01
1860.0	1871.7		P_1@99	S_0@0	21.81	23.18	< 33.01
1877.5	1889.2				21.58	22.95	< 33.01
1895.0	1906.7				21.44	22.81	< 33.01
1860.0	1871.7		P_100@	S_25@0	21.33	22.70	< 33.01
1877.5	1889.2				21.35	22.72	< 33.01
1895.0	1906.7				21.26	22.63	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1853.3	1865.0	5+20	P_1@0	S_0@0	21.74	23.11	< 33.01
1870.8	1882.5				21.86	23.23	< 33.01
1888.3	1900.0				21.73	23.10	< 33.01
1853.3	1865.0		P_1@13	S_0@0	22.82	24.19	< 33.01
1870.8	1882.5				21.72	23.09	< 33.01
1888.3	1900.0				21.90	23.27	< 33.01
1853.3	1865.0		P_1@24	S_0@0	21.86	23.23	< 33.01
1870.8	1882.5				21.69	23.06	< 33.01
1888.3	1900.0				21.57	22.94	< 33.01
1853.3	1865.0		P_25@0	S_100@0	21.33	22.70	< 33.01
1870.8	1882.5				21.39	22.76	< 33.01
1888.3	1900.0				21.32	22.69	< 33.01
1857.5	1904.5	15+15	P_1@0	S_0@0	21.64	23.01	< 33.01
1872.5	1872.5				21.67	23.04	< 33.01
1887.5	1887.5				21.68	23.05	< 33.01
1857.5	1902.5		P_1@38	S_0@0	21.55	22.92	< 33.01
1872.5	1872.5				21.39	22.76	< 33.01
1887.5	1887.5				21.50	22.87	< 33.01
1857.5	1902.5		P_1@74	S_0@0	21.63	23.00	< 33.01
1872.5	1872.5				21.67	23.04	< 33.01
1887.5	1887.5				21.54	22.91	< 33.01
1857.5	1902.5		P_75@0	S_75@0	21.16	22.53	< 33.01
1872.5	1872.5				21.22	22.59	< 33.01
1887.5	1887.5				21.17	22.54	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1855.3	1867.3	10+15	P_1@0	S_0@0	21.73	23.10	< 33.01
1872.9	1884.9				21.65	23.02	< 33.01
1890.5	1902.5				21.62	22.99	< 33.01
1855.3	1867.3		P_1@25	S_0@0	21.74	23.11	< 33.01
1872.9	1884.9				21.68	23.05	< 33.01
1890.5	1902.5				21.78	23.15	< 33.01
1855.3	1867.3		P_1@49	S_0@0	21.76	23.13	< 33.01
1872.9	1884.9				21.78	23.15	< 33.01
1890.5	1902.5				21.63	23.00	< 33.01
1855.3	1867.3		P_50@0	S_75@0	21.28	22.65	< 33.01
1872.9	1884.9				21.27	22.64	< 33.01
1890.5	1902.5				21.27	22.64	< 33.01
1857.5	1869.5	15+10	P_1@0	S_0@0	21.77	23.14	< 33.01
1875.1	1887.1				21.58	22.95	< 33.01
1892.7	1904.7				21.65	23.02	< 33.01
1857.5	1869.5		P_1@38	S_0@0	21.84	23.21	< 33.01
1875.1	1887.1				21.65	23.02	< 33.01
1892.7	1904.7				21.54	22.91	< 33.01
1857.5	1869.5		P_1@74	S_0@0	21.82	23.19	< 33.01
1875.1	1887.1				21.69	23.06	< 33.01
1892.7	1904.7				21.64	23.01	< 33.01
1857.5	1869.5		P_75@0	S_50@0	21.32	22.69	< 33.01
1875.1	1887.1				21.28	22.65	< 33.01
1892.7	1904.7				21.22	22.59	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1860.0	1879.8	20+20	P_1@0	S_0@0	18.75	20.12	< 33.01
1870.1	1889.9				18.67	20.04	< 33.01
1880.2	1900.0				18.73	20.10	< 33.01
1860.0	1879.8		P_1@49	S_0@0	18.57	19.94	< 33.01
1870.1	1889.9				18.58	19.95	< 33.01
1880.2	1900.0				18.64	20.01	< 33.01
1860.0	1879.8		P_1@99	S_0@0	18.61	19.98	< 33.01
1870.1	1889.9				18.64	20.01	< 33.01
1880.2	1900.0				18.27	19.64	< 33.01
1860.0	1879.8		P_100@0	S_10@0	19.30	20.67	< 33.01
1870.1	1889.9				19.29	20.66	< 33.01
1880.2	1900.0				19.27	20.64	< 33.01
1860.0	1877.1	20+15	P_1@0	S_0@0	18.65	20.02	< 33.01
1872.6	1889.7				18.76	20.13	< 33.01
1885.1	1902.2				18.88	20.25	< 33.01
1860.0	1877.1		P_1@49	S_0@0	18.56	19.93	< 33.01
1872.6	1889.7				18.82	20.19	< 33.01
1885.1	1902.2				18.72	20.09	< 33.01
1860.0	1877.1		P_1@99	S_0@0	18.64	20.01	< 33.01
1872.6	1889.7				18.44	19.81	< 33.01
1885.1	1902.2				18.53	19.90	< 33.01
1860.0	1877.1		P_100@0	S_75@0	19.27	20.64	< 33.01
1872.6	1889.7				19.28	20.65	< 33.01
1885.1	1902.2				19.24	20.61	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1857.8	1874.9	15+20	P_1@0	S_0@0	18.74	20.11	< 33.01
1870.3	1887.4				18.79	20.16	< 33.01
1882.9	1900.0				18.87	20.24	< 33.01
1857.8	1874.9		P_1@38	S_0@0	18.37	19.74	< 33.01
1870.3	1887.4				18.66	20.03	< 33.01
1882.9	1900.0				18.72	20.09	< 33.01
1857.8	1874.9		P_1@74	S_0@0	18.54	19.91	< 33.01
1870.3	1887.4				18.78	20.15	< 33.01
1882.9	1900.0				18.66	20.03	< 33.01
1857.8	1874.9		P_75@0	S_100@0	19.34	20.71	< 33.01
1870.3	1887.4				19.33	20.70	< 33.01
1882.9	1900.0				19.24	20.61	< 33.01
1860.0	1874.4	20+10	P_1@0	S_0@0	18.85	20.22	< 33.01
1875.1	1889.5				18.94	20.31	< 33.01
1890.1	1904.5				19.07	20.44	< 33.01
1860.0	1874.4		P_1@49	S_0@0	18.18	19.55	< 33.01
1875.1	1889.5				18.76	20.13	< 33.01
1890.1	1904.5				18.91	20.28	< 33.01
1860.0	1874.4		P_1@99	S_0@0	18.62	19.99	< 33.01
1875.1	1889.5				18.55	19.92	< 33.01
1890.1	1904.5				18.52	19.89	< 33.01
1860.0	1874.4		P_100@0	S_50@0	19.32	20.69	< 33.01
1875.1	1889.5				19.34	20.71	< 33.01
1890.1	1904.5				19.26	20.63	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1855.5	1869.9	10+20	P_1@0	S_0@0	18.85	20.22	< 33.01
1870.6	1885.0				18.71	20.08	< 33.01
1885.6	1900.0				18.87	20.24	< 33.01
1855.5	1869.9		P_1@25	S_0@0	18.64	20.01	< 33.01
1870.6	1885.0				18.87	20.24	< 33.01
1885.6	1900.0				18.76	20.13	< 33.01
1855.5	1869.9		P_1@49	S_0@0	18.95	20.32	< 33.01
1870.6	1885.0				18.71	20.08	< 33.01
1885.6	1900.0				18.73	20.10	< 33.01
1855.5	1869.9		P_50@0	S_100@0	19.30	20.67	< 33.01
1870.6	1885.0				19.34	20.71	< 33.01
1885.6	1900.0				19.28	20.65	< 33.01
1860.0	1871.7	20+5	P_1@0	S_0@0	18.68	20.05	< 33.01
1877.5	1889.2				18.83	20.20	< 33.01
1895.0	1906.7				18.85	20.22	< 33.01
1860.0	1871.7		P_1@49	S_0@0	18.79	20.16	< 33.01
1877.5	1889.2				18.94	20.31	< 33.01
1895.0	1906.7				18.91	20.28	< 33.01
1860.0	1871.7		P_1@99	S_0@0	18.86	20.23	< 33.01
1877.5	1889.2				18.69	20.06	< 33.01
1895.0	1906.7				18.61	19.98	< 33.01
1860.0	1871.7		P_100@	S_25@0	19.36	20.73	< 33.01
1877.5	1889.2				19.34	20.71	< 33.01
1895.0	1906.7				19.26	20.63	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1853.3	1865.0	5+20	P_1@0	S_0@0	18.64	20.01	< 33.01
1870.8	1882.5				18.71	20.08	< 33.01
1888.3	1900.0				18.63	20.00	< 33.01
1853.3	1865.0		P_1@13	S_0@0	18.73	20.10	< 33.01
1870.8	1882.5				18.71	20.08	< 33.01
1888.3	1900.0				18.69	20.06	< 33.01
1853.3	1865.0		P_1@24	S_0@0	18.74	20.11	< 33.01
1870.8	1882.5				18.88	20.25	< 33.01
1888.3	1900.0				18.86	20.23	< 33.01
1853.3	1865.0		P_25@0	S_100@0	19.34	20.71	< 33.01
1870.8	1882.5				19.37	20.74	< 33.01
1888.3	1900.0				19.31	20.68	< 33.01
1857.5	1904.5	15+15	P_1@0	S_0@0	18.77	20.14	< 33.01
1872.5	1872.5				18.52	19.89	< 33.01
1887.5	1887.5				18.75	20.12	< 33.01
1857.5	1902.5		P_1@38	S_0@0	18.68	20.05	< 33.01
1872.5	1872.5				18.78	20.15	< 33.01
1887.5	1887.5				18.63	20.00	< 33.01
1857.5	1902.5		P_1@74	S_0@0	18.54	19.91	< 33.01
1872.5	1872.5				18.72	20.09	< 33.01
1887.5	1887.5				18.53	19.90	< 33.01
1857.5	1902.5		P_75@0	S_75@0	19.24	20.61	< 33.01
1872.5	1872.5				19.23	20.60	< 33.01
1887.5	1887.5				19.17	20.54	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1855.3	1867.3	10+15	P_1@0	S_0@0	18.52	19.89	< 33.01
1872.9	1884.9				18.64	20.01	< 33.01
1890.5	1902.5				18.88	20.25	< 33.01
1855.3	1867.3		P_1@25	S_0@0	18.65	20.02	< 33.01
1872.9	1884.9				18.92	20.29	< 33.01
1890.5	1902.5				18.62	19.99	< 33.01
1855.3	1867.3		P_1@49	S_0@0	18.74	20.11	< 33.01
1872.9	1884.9				18.78	20.15	< 33.01
1890.5	1902.5				18.72	20.09	< 33.01
1855.3	1867.3		P_50@0	S_75@0	19.31	20.68	< 33.01
1872.9	1884.9				19.27	20.64	< 33.01
1890.5	1902.5				19.24	20.61	< 33.01
1857.5	1869.5	15+10	P_1@0	S_0@0	18.65	20.02	< 33.01
1875.1	1887.1				18.83	20.20	< 33.01
1892.7	1904.7				18.66	20.03	< 33.01
1857.5	1869.5		P_1@38	S_0@0	18.59	19.96	< 33.01
1875.1	1887.1				18.81	20.18	< 33.01
1892.7	1904.7				18.54	19.91	< 33.01
1857.5	1869.5		P_1@74	S_0@0	18.50	19.87	< 33.01
1875.1	1887.1				18.63	20.00	< 33.01
1892.7	1904.7				18.69	20.06	< 33.01
1857.5	1869.5		P_75@0	S_50@0	19.31	20.68	< 33.01
1875.1	1887.1				19.33	20.70	< 33.01
1892.7	1904.7				19.22	20.59	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	Intra-Band CA_5B

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	ERP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
826.8	834.0	5+10	P_1@0	S_0@0	23.23	22.26	< 38.45
831.8	839.0				23.24	22.27	< 38.45
836.8	844.0				23.40	22.43	< 38.45
826.8	834.0		P_1@13	S_0@0	23.24	22.27	< 38.45
831.8	839.0				23.26	22.29	< 38.45
836.8	844.0				23.41	22.44	< 38.45
826.8	834.0		P_1@24	S_0@0	23.19	22.22	< 38.45
831.8	839.0				23.26	22.29	< 38.45
836.8	844.0				23.27	22.30	< 38.45
826.8	834.0		P_25@0	S_50@0	22.08	21.11	< 38.45
831.8	839.0				22.07	21.10	< 38.45
836.8	844.0				22.11	21.14	< 38.45
829.0	836.2	10+5	P_1@0	S_0@0	23.32	22.35	< 38.45
834.0	841.2				23.21	22.24	< 38.45
839.0	846.2				23.20	22.23	< 38.45
829.0	836.2		P_1@25	S_0@0	23.44	22.47	< 38.45
834.0	841.2				23.23	22.26	< 38.45
839.0	846.2				23.41	22.44	< 38.45
829.0	836.2		P_1@49	S_0@0	23.23	22.26	< 38.45
834.0	841.2				23.45	22.48	< 38.45
839.0	846.2				23.31	22.34	< 38.45
829.0	836.2		P_50@0	S_25@0	22.11	21.14	< 38.45
834.0	841.2				22.06	21.09	< 38.45
839.0	846.2				22.07	21.10	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15							

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	ERP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
829.0	838.9	10+10	P_1@0	S_0@0	23.11	22.14	< 38.45
831.6	841.5				23.16	22.19	< 38.45
834.1	844.0				23.18	22.21	< 38.45
829.0	838.9		P_1@25	S_0@0	23.29	22.32	< 38.45
831.6	841.5				23.26	22.29	< 38.45
834.1	844.0				23.44	22.47	< 38.45
829.0	838.9		P_1@49	S_0@0	23.31	22.34	< 38.45
831.6	841.5				23.38	22.41	< 38.45
834.1	844.0				23.28	22.31	< 38.45
829.0	838.9		P_50@0	S_50@0	22.11	21.14	< 38.45
831.6	841.5				22.10	21.13	< 38.45
834.1	844.0				22.14	21.17	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	ERP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
826.8	834.0	5+10	P_1@0	S_0@0	22.44	21.47	< 38.45
831.8	839.0				22.38	21.41	< 38.45
836.8	844.0				22.55	21.58	< 38.45
826.8	834.0		P_1@13	S_0@0	22.53	21.56	< 38.45
831.8	839.0				22.55	21.58	< 38.45
836.8	844.0				22.53	21.56	< 38.45
826.8	834.0		P_1@24	S_0@0	22.56	21.59	< 38.45
831.8	839.0				22.48	21.51	< 38.45
836.8	844.0				22.51	21.54	< 38.45
826.8	834.0		P_25@0	S_50@0	21.11	20.14	< 38.45
831.8	839.0				21.11	20.14	< 38.45
836.8	844.0				21.08	20.11	< 38.45
829.0	836.2	10+5	P_1@0	S_0@0	22.49	21.52	< 38.45
834.0	841.2				22.53	21.56	< 38.45
839.0	846.2				22.48	21.51	< 38.45
829.0	836.2		P_1@25	S_0@0	22.68	21.71	< 38.45
834.0	841.2				22.49	21.52	< 38.45
839.0	846.2				22.62	21.65	< 38.45
829.0	836.2		P_1@49	S_0@0	22.39	21.42	< 38.45
834.0	841.2				22.35	21.38	< 38.45
839.0	846.2				22.59	21.62	< 38.45
829.0	836.2		P_50@0	S_25@0	21.08	20.11	< 38.45
834.0	841.2				21.09	20.12	< 38.45
839.0	846.2				21.08	20.11	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	ERP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
829.0	838.9	10+10	P_1@0	S_0@0	22.37	21.40	< 38.45
831.6	841.5				22.32	21.35	< 38.45
834.1	844.0				22.49	21.52	< 38.45
829.0	838.9		P_1@25	S_0@0	22.61	21.64	< 38.45
831.6	841.5				22.45	21.48	< 38.45
834.1	844.0				22.55	21.58	< 38.45
829.0	838.9		P_1@49	S_0@0	22.62	21.65	< 38.45
831.6	841.5				22.53	21.56	< 38.45
834.1	844.0				22.45	21.48	< 38.45
829.0	838.9		P_50@0	S_50@0	21.14	20.17	< 38.45
831.6	841.5				21.09	20.12	< 38.45
834.1	844.0				21.12	20.15	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	ERP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
826.8	834.0	5+10	P_1@0	S_0@0	21.47	20.50	< 38.45
831.8	839.0				21.52	20.55	< 38.45
836.8	844.0				21.90	20.93	< 38.45
826.8	834.0		P_1@13	S_0@0	21.69	20.72	< 38.45
831.8	839.0				21.38	20.41	< 38.45
836.8	844.0				21.54	20.57	< 38.45
826.8	834.0		P_1@24	S_0@0	21.46	20.49	< 38.45
831.8	839.0				21.47	20.50	< 38.45
836.8	844.0				21.56	20.59	< 38.45
826.8	834.0		P_25@0	S_50@0	21.04	20.07	< 38.45
831.8	839.0				21.10	20.13	< 38.45
836.8	844.0				21.10	20.13	< 38.45
829.0	836.2	10+5	P_1@0	S_0@0	21.63	20.66	< 38.45
834.0	841.2				21.51	20.54	< 38.45
839.0	846.2				21.44	20.47	< 38.45
829.0	836.2		P_1@25	S_0@0	21.69	20.72	< 38.45
834.0	841.2				21.65	20.68	< 38.45
839.0	846.2				21.78	20.81	< 38.45
829.0	836.2		P_1@49	S_0@0	21.52	20.55	< 38.45
834.0	841.2				21.63	20.66	< 38.45
839.0	846.2				21.57	20.60	< 38.45
829.0	836.2		P_50@0	S_25@0	21.10	20.13	< 38.45
834.0	841.2				21.08	20.11	< 38.45
839.0	846.2				21.07	20.10	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	ERP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
829.0	838.9	10+10	P_1@0	S_0@0	21.45	20.48	< 38.45
831.6	841.5				21.59	20.62	< 38.45
834.1	844.0				21.41	20.44	< 38.45
829.0	838.9		P_1@25	S_0@0	21.63	20.66	< 38.45
831.6	841.5				21.64	20.67	< 38.45
834.1	844.0				21.59	20.62	< 38.45
829.0	838.9		P_1@49	S_0@0	21.52	20.55	< 38.45
831.6	841.5				21.63	20.66	< 38.45
834.1	844.0				21.53	20.56	< 38.45
829.0	838.9		P_50@0	S_50@0	21.08	20.11	< 38.45
831.6	841.5				21.10	20.13	< 38.45
834.1	844.0				21.09	20.12	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	ERP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
826.8	834.0	5+10	P_1@0	S_0@0	18.42	17.45	< 38.45
831.8	839.0				18.62	17.65	< 38.45
836.8	844.0				18.64	17.67	< 38.45
826.8	834.0		P_1@13	S_0@0	18.49	17.52	< 38.45
831.8	839.0				18.48	17.51	< 38.45
836.8	844.0				18.54	17.57	< 38.45
826.8	834.0		P_1@24	S_0@0	18.43	17.46	< 38.45
831.8	839.0				18.55	17.58	< 38.45
836.8	844.0				18.49	17.52	< 38.45
826.8	834.0		P_25@0	S_50@0	19.09	18.12	< 38.45
831.8	839.0				19.12	18.15	< 38.45
836.8	844.0				19.16	18.19	< 38.45
829.0	836.2	10+5	P_1@0	S_0@0	18.48	17.51	< 38.45
834.0	841.2				18.78	17.81	< 38.45
839.0	846.2				18.57	17.60	< 38.45
829.0	836.2		P_1@25	S_0@0	18.42	17.45	< 38.45
834.0	841.2				18.66	17.69	< 38.45
839.0	846.2				18.72	17.75	< 38.45
829.0	836.2		P_1@49	S_0@0	18.52	17.55	< 38.45
834.0	841.2				18.39	17.42	< 38.45
839.0	846.2				18.55	17.58	< 38.45
829.0	836.2		P_50@0	S_25@0	19.13	18.16	< 38.45
834.0	841.2				19.12	18.15	< 38.45
839.0	846.2				19.08	18.11	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	ERP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
829.0	838.9	10+10	P_1@0	S_0@0	18.57	17.60	< 38.45
831.6	841.5				18.54	17.57	< 38.45
834.1	844.0				18.59	17.62	< 38.45
829.0	838.9		P_1@25	S_0@0	18.52	17.55	< 38.45
831.6	841.5				18.67	17.70	< 38.45
834.1	844.0				18.46	17.49	< 38.45
829.0	838.9		P_1@49	S_0@0	18.58	17.61	< 38.45
831.6	841.5				18.48	17.51	< 38.45
834.1	844.0				18.55	17.58	< 38.45
829.0	838.9		P_50@0	S_50@0	19.12	18.15	< 38.45
831.6	841.5				19.11	18.14	< 38.45
834.1	844.0				19.06	18.09	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15							

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	Intra-Band CA_7C

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2510.0	2529.8	20+20	P_1@0	S_0@0	23.23	25.30	< 33.01
2525.1	2544.9				23.29	25.36	< 33.01
2540.2	2560.0				23.54	25.61	< 33.01
2510.0	2529.8		P_1@49	S_0@0	23.37	25.44	< 33.01
2525.1	2544.9				23.38	25.45	< 33.01
2540.2	2560.0				23.61	25.68	< 33.01
2510.0	2529.8		P_1@99	S_0@0	23.20	25.27	< 33.01
2525.1	2544.9				23.36	25.43	< 33.01
2540.2	2560.0				23.46	25.53	< 33.01
2510.0	2529.8		P_100@0	S_100@0	21.51	23.58	< 33.01
2525.1	2544.9				21.64	23.71	< 33.01
2540.2	2560.0				21.84	23.91	< 33.01
2510.0	2527.1	20+15	P_1@0	S_0@0	22.95	25.02	< 33.01
2527.6	2544.7				23.27	25.34	< 33.01
2545.1	2562.2				23.57	25.64	< 33.01
2510.0	2527.1		P_1@49	S_0@0	23.10	25.17	< 33.01
2527.6	2544.7				23.29	25.36	< 33.01
2545.1	2562.2				23.47	25.54	< 33.01
2510.0	2527.1		P_1@99	S_0@0	23.25	25.32	< 33.01
2527.6	2544.7				23.53	25.60	< 33.01
2545.1	2562.2				23.69	25.76	< 33.01
2510.0	2527.1		P_100@0	S_75@0	21.41	23.48	< 33.01
2527.6	2544.7				21.68	23.75	< 33.01
2545.1	2562.2				21.84	23.91	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2507.8	2524.9	15+20	P_1@0	S_0@0	23.47	25.54	< 33.01
2525.3	2542.4				23.64	25.71	< 33.01
2542.9	2560.0				23.59	25.66	< 33.01
2507.8	2524.9		P_1@18	S_0@0	23.12	25.19	< 33.01
2525.3	2542.4				23.31	25.38	< 33.01
2542.9	2560.0				23.59	25.66	< 33.01
2507.8	2524.9		P_1@74	S_0@0	23.02	25.09	< 33.01
2525.3	2542.4				23.21	25.28	< 33.01
2542.9	2560.0				23.17	25.24	< 33.01
2507.8	2524.9		P_75@0	S_100@0	21.53	23.60	< 33.01
2525.3	2542.4				21.86	23.93	< 33.01
2542.9	2560.0				21.91	23.98	< 33.01
2507.5	2564.7	15+15	P_1@0	S_0@0	23.33	25.40	< 33.01
2527.5	2522.5				23.51	25.58	< 33.01
2547.5	2542.5				23.55	25.62	< 33.01
2507.5	2562.5		P_1@18	S_0@0	23.22	25.29	< 33.01
2527.5	2522.5				23.45	25.52	< 33.01
2547.5	2542.5				23.57	25.64	< 33.01
2507.5	2562.5		P_1@74	S_0@0	23.05	25.12	< 33.01
2527.5	2522.5				23.61	25.68	< 33.01
2547.5	2542.5				23.58	25.65	< 33.01
2507.5	2562.5		P_75@0	S_75@0	21.58	23.65	< 33.01
2527.5	2522.5				21.70	23.77	< 33.01
2547.5	2542.5				21.96	24.03	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2505.5	2519.9	10+20	P_1@0	S_0@0	23.13	25.20	< 33.01
2525.6	2540.0				23.46	25.53	< 33.01
2545.6	2560.0				23.74	25.81	< 33.01
2505.5	2519.9		P_1@25	S_0@0	23.17	25.24	< 33.01
2525.6	2540.0				23.05	25.12	< 33.01
2545.6	2560.0				23.75	25.82	< 33.01
2505.5	2519.9		P_1@49	S_0@0	22.99	25.06	< 33.01
2525.6	2540.0				23.11	25.18	< 33.01
2545.6	2560.0				23.71	25.78	< 33.01
2505.5	2519.9		P_50@0	S_100@0	21.39	23.46	< 33.01
2525.6	2540.0				21.71	23.78	< 33.01
2545.6	2560.0				21.84	23.91	< 33.01
2510.0	2524.4	20+10	P_1@0	S_0@0	23.15	25.22	< 33.01
2530.1	2544.5				23.36	25.43	< 33.01
2550.1	2564.5				23.71	25.78	< 33.01
2510.0	2524.4		P_1@49	S_0@0	23.13	25.20	< 33.01
2530.1	2544.5				23.41	25.48	< 33.01
2550.1	2564.5				23.70	25.77	< 33.01
2510.0	2524.4		P_1@99	S_0@0	23.14	25.21	< 33.01
2530.1	2544.5				23.67	25.74	< 33.01
2550.1	2564.5				23.79	25.86	< 33.01
2510.0	2524.4		P_100@0	S_50@0	21.50	23.57	< 33.01
2530.1	2544.5				21.58	23.65	< 33.01
2550.1	2564.5				21.97	24.04	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2507.5	2519.5	15+10	P_1@0	S_0@0	23.14	25.21	< 33.01
2530.1	2542.1				23.28	25.35	< 33.01
2552.7	2564.7				23.68	25.75	< 33.01
2507.5	2519.5		P_1@38	S_0@0	23.07	25.14	< 33.01
2530.1	2542.1				23.22	25.29	< 33.01
2552.7	2564.7				23.02	25.09	< 33.01
2507.5	2519.5		P_1@74	S_0@0	22.98	25.05	< 33.01
2530.1	2542.1				23.65	25.72	< 33.01
2552.7	2564.7				23.73	25.80	< 33.01
2507.5	2519.5		P_75@0	S_50@0	21.41	23.48	< 33.01
2530.1	2542.1				21.64	23.71	< 33.01
2552.7	2564.7				22.01	24.08	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2510.0	2529.8	20+20	P_1@0	S_0@0	22.34	24.41	< 33.01
2525.1	2544.9				22.76	24.83	< 33.01
2540.2	2560.0				22.25	24.32	< 33.01
2510.0	2529.8		P_1@49	S_0@0	22.77	24.84	< 33.01
2525.1	2544.9				22.75	24.82	< 33.01
2540.2	2560.0				22.28	24.35	< 33.01
2510.0	2529.8		P_1@99	S_0@0	22.59	24.66	< 33.01
2525.1	2544.9				22.99	25.06	< 33.01
2540.2	2560.0				20.57	22.64	< 33.01
2510.0	2529.8		P_100@0	S_100@0	20.62	22.69	< 33.01
2525.1	2544.9				20.94	23.01	< 33.01
2540.2	2560.0				22.34	24.41	< 33.01
2510.0	2527.1	20+15	P_1@0	S_0@0	22.23	24.30	< 33.01
2527.6	2544.7				22.54	24.61	< 33.01
2545.1	2562.2				22.87	24.94	< 33.01
2510.0	2527.1		P_1@49	S_0@0	22.34	24.41	< 33.01
2527.6	2544.7				22.39	24.46	< 33.01
2545.1	2562.2				22.89	24.96	< 33.01
2510.0	2527.1		P_1@99	S_0@0	22.53	24.60	< 33.01
2527.6	2544.7				22.92	24.99	< 33.01
2545.1	2562.2				22.91	24.98	< 33.01
2510.0	2527.1		P_100@0	S_75@0	20.41	22.48	< 33.01
2527.6	2544.7				20.78	22.85	< 33.01
2545.1	2562.2				20.82	22.89	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2507.8	2524.9	15+20	P_1@0	S_0@0	22.30	24.37	< 33.01
2525.3	2542.4				22.82	24.89	< 33.01
2542.9	2560.0				22.83	24.90	< 33.01
2507.8	2524.9		P_1@18	S_0@0	22.44	24.51	< 33.01
2525.3	2542.4				22.67	24.74	< 33.01
2542.9	2560.0				22.82	24.89	< 33.01
2507.8	2524.9		P_1@74	S_0@0	22.37	24.44	< 33.01
2525.3	2542.4				22.46	24.53	< 33.01
2542.9	2560.0				22.79	24.86	< 33.01
2507.8	2524.9		P_75@0	S_100@0	20.54	22.61	< 33.01
2525.3	2542.4				20.97	23.04	< 33.01
2542.9	2560.0				20.95	23.02	< 33.01
2507.5	2564.7	15+15	P_1@0	S_0@0	22.72	24.79	< 33.01
2527.5	2522.5				22.65	24.72	< 33.01
2547.5	2542.5				22.83	24.90	< 33.01
2507.5	2562.5		P_1@18	S_0@0	22.42	24.49	< 33.01
2527.5	2522.5				22.67	24.74	< 33.01
2547.5	2542.5				22.76	24.83	< 33.01
2507.5	2562.5		P_1@74	S_0@0	22.44	24.51	< 33.01
2527.5	2522.5				22.86	24.93	< 33.01
2547.5	2542.5				22.83	24.90	< 33.01
2507.5	2562.5		P_75@0	S_75@0	20.58	22.65	< 33.01
2527.5	2522.5				20.71	22.78	< 33.01
2547.5	2542.5				21.06	23.13	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2505.5	2519.9	10+20	P_1@0	S_0@0	22.42	24.49	< 33.01
2525.6	2540.0				22.63	24.70	< 33.01
2545.6	2560.0				23.01	25.08	< 33.01
2505.5	2519.9		P_1@25	S_0@0	22.26	24.33	< 33.01
2525.6	2540.0				22.29	24.36	< 33.01
2545.6	2560.0				22.97	25.04	< 33.01
2505.5	2519.9		P_1@49	S_0@0	22.41	24.48	< 33.01
2525.6	2540.0				22.43	24.50	< 33.01
2545.6	2560.0				22.74	24.81	< 33.01
2505.5	2519.9		P_50@0	S_100@0	20.42	22.49	< 33.01
2525.6	2540.0				20.80	22.87	< 33.01
2545.6	2560.0				20.81	22.88	< 33.01
2510.0	2524.4	20+10	P_1@0	S_0@0	22.44	24.51	< 33.01
2530.1	2544.5				22.73	24.80	< 33.01
2550.1	2564.5				22.92	24.99	< 33.01
2510.0	2524.4		P_1@49	S_0@0	22.61	24.68	< 33.01
2530.1	2544.5				22.75	24.82	< 33.01
2550.1	2564.5				22.97	25.04	< 33.01
2510.0	2524.4		P_1@99	S_0@0	22.58	24.65	< 33.01
2530.1	2544.5				22.91	24.98	< 33.01
2550.1	2564.5				22.77	24.84	< 33.01
2510.0	2524.4		P_100@0	S_50@0	20.42	22.49	< 33.01
2530.1	2544.5				20.62	22.69	< 33.01
2550.1	2564.5				20.98	23.05	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2507.5	2519.5	15+10	P_1@0	S_0@0	22.32	24.39	< 33.01
2530.1	2542.1				22.78	24.85	< 33.01
2552.7	2564.7				22.85	24.92	< 33.01
2507.5	2519.5		P_1@38	S_0@0	22.35	24.42	< 33.01
2530.1	2542.1				22.41	24.48	< 33.01
2552.7	2564.7				22.84	24.91	< 33.01
2507.5	2519.5		P_1@74	S_0@0	22.33	24.40	< 33.01
2530.1	2542.1				22.82	24.89	< 33.01
2552.7	2564.7				23.03	25.10	< 33.01
2507.5	2519.5		P_75@0	S_50@0	20.46	22.53	< 33.01
2530.1	2542.1				20.63	22.70	< 33.01
2552.7	2564.7				21.06	23.13	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2510.0	2529.8	20+20	P_1@0	S_0@0	20.63	22.70	< 33.01
2525.1	2544.9				20.46	22.53	< 33.01
2540.2	2560.0				20.92	22.99	< 33.01
2510.0	2529.8		P_1@49	S_0@0	20.66	22.73	< 33.01
2525.1	2544.9				20.79	22.86	< 33.01
2540.2	2560.0				20.91	22.98	< 33.01
2510.0	2529.8		P_1@99	S_0@0	20.46	22.53	< 33.01
2525.1	2544.9				20.60	22.67	< 33.01
2540.2	2560.0				20.96	23.03	< 33.01
2510.0	2529.8		P_100@0	S_100@0	18.48	20.55	< 33.01
2525.1	2544.9				18.57	20.64	< 33.01
2540.2	2560.0				18.84	20.91	< 33.01
2510.0	2527.1	20+15	P_1@0	S_0@0	20.41	22.48	< 33.01
2527.6	2544.7				20.51	22.58	< 33.01
2545.1	2562.2				21.13	23.20	< 33.01
2510.0	2527.1		P_1@49	S_0@0	20.46	22.53	< 33.01
2527.6	2544.7				20.61	22.68	< 33.01
2545.1	2562.2				20.95	23.02	< 33.01
2510.0	2527.1		P_1@99	S_0@0	20.55	22.62	< 33.01
2527.6	2544.7				20.86	22.93	< 33.01
2545.1	2562.2				20.95	23.02	< 33.01
2510.0	2527.1		P_100@0	S_75@0	18.41	20.48	< 33.01
2527.6	2544.7				18.68	20.75	< 33.01
2545.1	2562.2				18.76	20.83	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2507.8	2524.9	15+20	P_1@0	S_0@0	20.44	22.51	< 33.01
2525.3	2542.4				21.35	23.42	< 33.01
2542.9	2560.0				21.41	23.48	< 33.01
2507.8	2524.9		P_1@18	S_0@0	20.71	22.78	< 33.01
2525.3	2542.4				20.59	22.66	< 33.01
2542.9	2560.0				20.94	23.01	< 33.01
2507.8	2524.9		P_1@74	S_0@0	20.69	22.76	< 33.01
2525.3	2542.4				20.74	22.81	< 33.01
2542.9	2560.0				20.98	23.05	< 33.01
2507.8	2524.9		P_75@0	S_100@0	18.54	20.61	< 33.01
2525.3	2542.4				18.85	20.92	< 33.01
2542.9	2560.0				18.92	20.99	< 33.01
2507.5	2564.7	15+15	P_1@0	S_0@0	20.77	22.84	< 33.01
2527.5	2522.5				21.07	23.14	< 33.01
2547.5	2542.5				21.42	23.49	< 33.01
2507.5	2562.5		P_1@18	S_0@0	20.65	22.72	< 33.01
2527.5	2522.5				21.04	23.11	< 33.01
2547.5	2542.5				21.39	23.46	< 33.01
2507.5	2562.5		P_1@74	S_0@0	20.82	22.89	< 33.01
2527.5	2522.5				20.79	22.86	< 33.01
2547.5	2542.5				21.13	23.20	< 33.01
2507.5	2562.5		P_75@0	S_75@0	18.51	20.58	< 33.01
2527.5	2522.5				18.78	20.85	< 33.01
2547.5	2542.5				18.93	21.00	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2505.5	2519.9	10+20	P_1@0	S_0@0	20.65	22.72	< 33.01
2525.6	2540.0				20.71	22.78	< 33.01
2545.6	2560.0				20.87	22.94	< 33.01
2505.5	2519.9		P_1@25	S_0@0	20.52	22.59	< 33.01
2525.6	2540.0				20.79	22.86	< 33.01
2545.6	2560.0				21.17	23.24	< 33.01
2505.5	2519.9		P_1@49	S_0@0	20.47	22.54	< 33.01
2525.6	2540.0				20.88	22.95	< 33.01
2545.6	2560.0				20.95	23.02	< 33.01
2505.5	2519.9		P_50@0	S_100@0	18.43	20.50	< 33.01
2525.6	2540.0				18.69	20.76	< 33.01
2545.6	2560.0				18.78	20.85	< 33.01
2510.0	2524.4	20+10	P_1@0	S_0@0	20.43	22.50	< 33.01
2530.1	2544.5				20.72	22.79	< 33.01
2550.1	2564.5				21.12	23.19	< 33.01
2510.0	2524.4		P_1@49	S_0@0	20.29	22.36	< 33.01
2530.1	2544.5				20.89	22.96	< 33.01
2550.1	2564.5				21.04	23.11	< 33.01
2510.0	2524.4		P_1@99	S_0@0	20.46	22.53	< 33.01
2530.1	2544.5				20.85	22.92	< 33.01
2550.1	2564.5				21.55	23.62	< 33.01
2510.0	2524.4		P_100@0	S_50@0	18.38	20.45	< 33.01
2530.1	2544.5				18.66	20.73	< 33.01
2550.1	2564.5				18.94	21.01	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2507.5	2519.5	15+10	P_1@0	S_0@0	20.75	22.82	< 33.01
2530.1	2542.1				21.02	23.09	< 33.01
2552.7	2564.7				20.93	23.00	< 33.01
2507.5	2519.5		P_1@38	S_0@0	20.67	22.74	< 33.01
2530.1	2542.1				20.79	22.86	< 33.01
2552.7	2564.7				21.05	23.12	< 33.01
2507.5	2519.5		P_1@74	S_0@0	20.43	22.50	< 33.01
2530.1	2542.1				20.82	22.89	< 33.01
2552.7	2564.7				21.57	23.64	< 33.01
2507.5	2519.5		P_75@0	S_50@0	18.41	20.48	< 33.01
2530.1	2542.1				18.64	20.71	< 33.01
2552.7	2564.7				19.02	21.09	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2510.0	2529.8	20+20	P_1@0	S_0@0	17.56	19.63	< 33.01
2525.1	2544.9				17.41	19.48	< 33.01
2540.2	2560.0				17.68	19.75	< 33.01
2510.0	2529.8		P_1@49	S_0@0	17.72	19.79	< 33.01
2525.1	2544.9				17.84	19.91	< 33.01
2540.2	2560.0				17.91	19.98	< 33.01
2510.0	2529.8		P_1@99	S_0@0	17.36	19.43	< 33.01
2525.1	2544.9				17.84	19.91	< 33.01
2540.2	2560.0				17.86	19.93	< 33.01
2510.0	2529.8		P_100@0	S_100@0	17.43	19.50	< 33.01
2525.1	2544.9				17.59	19.66	< 33.01
2540.2	2560.0				17.79	19.86	< 33.01
2510.0	2527.1	20+15	P_1@0	S_0@0	17.58	19.65	< 33.01
2527.6	2544.7				17.52	19.59	< 33.01
2545.1	2562.2				17.82	19.89	< 33.01
2510.0	2527.1		P_1@49	S_0@0	17.61	19.68	< 33.01
2527.6	2544.7				17.59	19.66	< 33.01
2545.1	2562.2				17.87	19.94	< 33.01
2510.0	2527.1		P_1@99	S_0@0	17.74	19.81	< 33.01
2527.6	2544.7				17.88	19.95	< 33.01
2545.1	2562.2				17.95	20.02	< 33.01
2510.0	2527.1		P_100@0	S_75@0	17.41	19.48	< 33.01
2527.6	2544.7				17.61	19.68	< 33.01
2545.1	2562.2				17.78	19.85	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2507.8	2524.9	15+20	P_1@0	S_0@0	17.53	19.60	< 33.01
2525.3	2542.4				18.26	20.33	< 33.01
2542.9	2560.0				18.83	20.90	< 33.01
2507.8	2524.9		P_1@18	S_0@0	17.65	19.72	< 33.01
2525.3	2542.4				17.73	19.80	< 33.01
2542.9	2560.0				17.93	20.00	< 33.01
2507.8	2524.9		P_1@74	S_0@0	17.34	19.41	< 33.01
2525.3	2542.4				17.62	19.69	< 33.01
2542.9	2560.0				17.87	19.94	< 33.01
2507.8	2524.9		P_75@0	S_100@0	17.52	19.59	< 33.01
2525.3	2542.4				17.76	19.83	< 33.01
2542.9	2560.0				17.94	20.01	< 33.01
2507.5	2564.7	15+15	P_1@0	S_0@0	17.83	19.90	< 33.01
2527.5	2522.5				18.07	20.14	< 33.01
2547.5	2542.5				18.21	20.28	< 33.01
2507.5	2562.5		P_1@18	S_0@0	17.72	19.79	< 33.01
2527.5	2522.5				17.86	19.93	< 33.01
2547.5	2542.5				18.05	20.12	< 33.01
2507.5	2562.5		P_1@74	S_0@0	17.78	19.85	< 33.01
2527.5	2522.5				18.08	20.15	< 33.01
2547.5	2542.5				18.19	20.26	< 33.01
2507.5	2562.5		P_75@0	S_75@0	17.52	19.59	< 33.01
2527.5	2522.5				17.76	19.83	< 33.01
2547.5	2542.5				17.93	20.00	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2505.5	2519.9	10+20	P_1@0	S_0@0	17.45	19.52	< 33.01
2525.6	2540.0				17.52	19.59	< 33.01
2545.6	2560.0				18.04	20.11	< 33.01
2505.5	2519.9		P_1@25	S_0@0	17.33	19.40	< 33.01
2525.6	2540.0				17.51	19.58	< 33.01
2545.6	2560.0				18.14	20.21	< 33.01
2505.5	2519.9		P_1@49	S_0@0	17.35	19.42	< 33.01
2525.6	2540.0				17.84	19.91	< 33.01
2545.6	2560.0				17.71	19.78	< 33.01
2505.5	2519.9		P_50@0	S_100@0	17.42	19.49	< 33.01
2525.6	2540.0				17.65	19.72	< 33.01
2545.6	2560.0				17.79	19.86	< 33.01
2510.0	2524.4	20+10	P_1@0	S_0@0	17.79	19.86	< 33.01
2530.1	2544.5				17.69	19.76	< 33.01
2550.1	2564.5				18.03	20.10	< 33.01
2510.0	2524.4		P_1@49	S_0@0	17.56	19.63	< 33.01
2530.1	2544.5				17.69	19.76	< 33.01
2550.1	2564.5				17.88	19.95	< 33.01
2510.0	2524.4		P_1@99	S_0@0	17.58	19.65	< 33.01
2530.1	2544.5				17.96	20.03	< 33.01
2550.1	2564.5				18.19	20.26	< 33.01
2510.0	2524.4		P_100@0	S_50@0	17.45	19.52	< 33.01
2530.1	2544.5				17.67	19.74	< 33.01
2550.1	2564.5				17.93	20.00	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2507.5	2519.5	15+10	P_1@0	S_0@0	17.55	19.62	< 33.01
2530.1	2542.1				17.82	19.89	< 33.01
2552.7	2564.7				17.98	20.05	< 33.01
2507.5	2519.5		P_1@38	S_0@0	17.36	19.43	< 33.01
2530.1	2542.1				17.79	19.86	< 33.01
2552.7	2564.7				18.05	20.12	< 33.01
2507.5	2519.5		P_1@74	S_0@0	17.34	19.41	< 33.01
2530.1	2542.1				17.95	20.02	< 33.01
2552.7	2564.7				18.28	20.35	< 33.01
2507.5	2519.5		P_75@0	S_50@0	17.35	19.42	< 33.01
2530.1	2542.1				17.69	19.76	< 33.01
2552.7	2564.7				17.95	20.02	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	Intra-Band CA_38C

Frequency (MHz)		Channel Bandwidth	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC	(MHz)					
QPSK							
2577.5	2592.5	15+15	P_1@0	S_0@0	24.30	26.37	< 33.01
2587.5	2602.5				24.24	26.31	< 33.01
2597.5	2612.5				24.25	26.32	< 33.01
2577.5	2592.5		P_1@38	S_0@0	24.18	26.25	< 33.01
2587.5	2602.5				24.19	26.26	< 33.01
2597.5	2612.5				24.18	26.25	< 33.01
2577.5	2592.5		P_1@74	S_0@0	24.17	26.24	< 33.01
2587.5	2602.5				24.12	26.19	< 33.01
2597.5	2612.5				24.21	26.28	< 33.01
2577.5	2592.5		P_75@0	S_75@0	23.13	25.20	< 33.01
2587.5	2602.5				23.11	25.18	< 33.01
2597.5	2612.5				23.13	25.20	< 33.01
2580.0	2599.8	20+20	P_1@0	S_0@0	24.14	26.21	< 33.01
2585.1	2604.9				24.36	26.43	< 33.01
2590.2	2610.0				24.17	26.24	< 33.01
2580.0	2599.8		P_1@49	S_0@0	24.19	26.26	< 33.01
2585.1	2604.9				24.17	26.24	< 33.01
2590.2	2610.0				24.51	26.58	< 33.01
2580.0	2599.8		P_1@99	S_0@0	24.08	26.15	< 33.01
2585.1	2604.9				24.18	26.25	< 33.01
2590.2	2610.0				24.37	26.44	< 33.01
2580.0	2599.8		P_100@0	S_100@0	23.15	25.22	< 33.01
2585.1	2604.9				23.15	25.22	< 33.01
2590.2	2610.0				23.19	25.26	< 33.01

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2577.5	2592.5	15+15	P_1@0	S_0@0	23.52	25.59	< 33.01
2587.5	2602.5				23.48	25.55	< 33.01
2597.5	2612.5				23.53	25.60	< 33.01
2577.5	2592.5		P_1@38	S_0@0	23.29	25.36	< 33.01
2587.5	2602.5				23.47	25.54	< 33.01
2597.5	2612.5				23.55	25.62	< 33.01
2577.5	2592.5		P_1@74	S_0@0	23.56	25.63	< 33.01
2587.5	2602.5				23.45	25.52	< 33.01
2597.5	2612.5				23.54	25.61	< 33.01
2577.5	2592.5		P_75@0	S_75@0	22.14	24.21	< 33.01
2587.5	2602.5				22.09	24.16	< 33.01
2597.5	2612.5				22.13	24.20	< 33.01
2580.0	2599.8	20+20	P_1@0	S_0@0	23.62	25.69	< 33.01
2585.1	2604.9				23.36	25.43	< 33.01
2590.2	2610.0				23.41	25.48	< 33.01
2580.0	2599.8		P_1@49	S_0@0	23.38	25.45	< 33.01
2585.1	2604.9				23.43	25.50	< 33.01
2590.2	2610.0				23.47	25.54	< 33.01
2580.0	2599.8		P_1@99	S_0@0	23.46	25.53	< 33.01
2585.1	2604.9				23.62	25.69	< 33.01
2590.2	2610.0				23.44	25.51	< 33.01
2580.0	2599.8		P_100@0	S_100@0	22.13	24.20	< 33.01
2585.1	2604.9				22.16	24.23	< 33.01
2590.2	2610.0				22.17	24.24	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2577.5	2592.5	15+15	P_1@0	S_0@0	22.51	24.58	< 33.01
2587.5	2602.5				22.42	24.49	< 33.01
2597.5	2612.5				22.65	24.72	< 33.01
2577.5	2592.5		P_1@38	S_0@0	22.61	24.68	< 33.01
2587.5	2602.5				22.45	24.52	< 33.01
2597.5	2612.5				22.47	24.54	< 33.01
2577.5	2592.5		P_1@74	S_0@0	22.51	24.58	< 33.01
2587.5	2602.5				22.66	24.73	< 33.01
2597.5	2612.5				22.51	24.58	< 33.01
2577.5	2592.5		P_75@0	S_75@0	22.09	24.16	< 33.01
2587.5	2602.5				22.06	24.13	< 33.01
2597.5	2612.5				22.08	24.15	< 33.01
2580.0	2599.8	20+20	P_1@0	S_0@0	22.70	24.77	< 33.01
2585.1	2604.9				22.36	24.43	< 33.01
2590.2	2610.0				22.41	24.48	< 33.01
2580.0	2599.8		P_1@49	S_0@0	22.63	24.70	< 33.01
2585.1	2604.9				22.58	24.65	< 33.01
2590.2	2610.0				22.83	24.90	< 33.01
2580.0	2599.8		P_1@99	S_0@0	22.70	24.77	< 33.01
2585.1	2604.9				22.60	24.67	< 33.01
2590.2	2610.0				22.37	24.44	< 33.01
2580.0	2599.8		P_100@0	S_100@0	22.14	24.21	< 33.01
2585.1	2604.9				22.12	24.19	< 33.01
2590.2	2610.0				22.13	24.20	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2577.5	2592.5	15+15	P_1@0	S_0@0	19.68	21.75	< 33.01
2587.5	2602.5				19.45	21.52	< 33.01
2597.5	2612.5				19.55	21.62	< 33.01
2577.5	2592.5		P_1@38	S_0@0	19.51	21.58	< 33.01
2587.5	2602.5				19.52	21.59	< 33.01
2597.5	2612.5				19.62	21.69	< 33.01
2577.5	2592.5		P_1@74	S_0@0	19.36	21.43	< 33.01
2587.5	2602.5				19.37	21.44	< 33.01
2597.5	2612.5				19.47	21.54	< 33.01
2577.5	2592.5		P_75@0	S_75@0	20.10	22.17	< 33.01
2587.5	2602.5				20.14	22.21	< 33.01
2597.5	2612.5				20.11	22.18	< 33.01
2580.0	2599.8	20+20	P_1@0	S_0@0	19.74	21.81	< 33.01
2585.1	2604.9				19.54	21.61	< 33.01
2590.2	2610.0				19.38	21.45	< 33.01
2580.0	2599.8		P_1@49	S_0@0	19.79	21.86	< 33.01
2585.1	2604.9				19.73	21.80	< 33.01
2590.2	2610.0				19.54	21.61	< 33.01
2580.0	2599.8		P_1@99	S_0@0	19.67	21.74	< 33.01
2585.1	2604.9				19.68	21.75	< 33.01
2590.2	2610.0				19.47	21.54	< 33.01
2580.0	2599.8		P_100@0	S_100@0	20.14	22.21	< 33.01
2585.1	2604.9				20.14	22.21	< 33.01
2590.2	2610.0				20.15	22.22	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	Intra-Band CA_41C

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2506.00	2525.80	20+20	P_1@0	S_0@0	24.09	26.16	< 33.01
2583.10	2602.90				24.19	26.26	< 33.01
2660.20	2680.00				23.96	26.03	< 33.01
2506.00	2525.80		P_1@49	S_0@0	24.29	26.36	< 33.01
2583.10	2602.90				24.08	26.15	< 33.01
2660.20	2680.00				24.09	26.16	< 33.01
2506.00	2525.80		P_1@99	S_0@0	24.06	26.13	< 33.01
2583.10	2602.90				24.22	26.29	< 33.01
2660.20	2680.00				24.18	26.25	< 33.01
2506.00	2525.80		P_100@0	S_100@0	22.96	25.03	< 33.01
2583.10	2602.90				23.04	25.11	< 33.01
2660.20	2680.00				23.07	25.14	< 33.01
2506.00	2523.10	20+15	P_1@0	S_0@0	24.02	26.09	< 33.01
2585.60	2602.70				24.25	26.32	< 33.01
2665.10	2682.20				24.24	26.31	< 33.01
2506.00	2523.10		P_1@49	S_0@0	24.02	26.09	< 33.01
2585.60	2602.70				24.16	26.23	< 33.01
2665.10	2682.20				24.12	26.19	< 33.01
2506.00	2523.10		P_1@99	S_0@0	24.22	26.29	< 33.01
2585.60	2602.70				24.11	26.18	< 33.01
2665.10	2682.20				24.29	26.36	< 33.01
2506.00	2523.10		P_100@0	S_75@0	23.01	25.08	< 33.01
2585.60	2602.70				23.02	25.09	< 33.01
2665.10	2682.20				23.11	25.18	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2503.80	2520.90	15+20	P_1@0	S_0@0	23.64	25.71	< 33.01
2593.30	2600.40				23.73	25.80	< 33.01
2662.90	2680.00				23.59	25.66	< 33.01
2503.80	2520.90		P_1@38	S_0@0	23.65	25.72	< 33.01
2593.30	2600.40				23.57	25.64	< 33.01
2662.90	2680.00				23.78	25.85	< 33.01
2503.80	2520.90		P_1@74	S_0@0	23.58	25.65	< 33.01
2593.30	2600.40				23.56	25.63	< 33.01
2662.90	2680.00				23.68	25.75	< 33.01
2503.80	2520.90		P_75@0	S_100@0	22.44	24.51	< 33.01
2593.30	2600.40				22.49	24.56	< 33.01
2662.90	2680.00				22.59	24.66	< 33.01
2506.00	2520.40	20+10	P_1@0	S_0@0	24.12	26.19	< 33.01
2588.10	2602.50				24.19	26.26	< 33.01
2670.10	2684.50				24.29	26.36	< 33.01
2506.00	2520.40		P_1@49	S_0@0	24.01	26.08	< 33.01
2588.10	2602.50				24.28	26.35	< 33.01
2670.10	2684.50				24.14	26.21	< 33.01
2506.00	2520.40		P_1@99	S_0@0	24.28	26.35	< 33.01
2588.10	2602.50				24.08	26.15	< 33.01
2670.10	2684.50				24.31	26.38	< 33.01
2506.00	2520.40		P_100@0	S_50@0	23.01	25.08	< 33.01
2588.10	2602.50				23.04	25.11	< 33.01
2670.10	2684.50				23.18	25.25	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2501.50	2515.90	10+20	P_1@0	S_0@0	23.61	25.68	< 33.01
2583.60	2598.00				23.72	25.79	< 33.01
2665.60	2680.00				23.69	25.76	< 33.01
2501.50	2515.90		P_1@25	S_0@0	23.58	25.65	< 33.01
2583.60	2598.00				23.53	25.60	< 33.01
2665.60	2680.00				23.67	25.74	< 33.01
2501.50	2515.90		P_1@49	S_0@0	23.58	25.65	< 33.01
2583.60	2598.00				23.57	25.64	< 33.01
2665.60	2680.00				23.68	25.75	< 33.01
2501.50	2515.90		P_50@0	S_100@0	22.46	24.53	< 33.01
2583.60	2598.00				22.51	24.58	< 33.01
2665.60	2680.00				22.58	24.65	< 33.01
2506.00	2517.70	20+5	P_1@0	S_0@0	24.13	26.20	< 33.01
2590.50	2602.20				24.10	26.17	< 33.01
2675.00	2686.70				24.25	26.32	< 33.01
2506.00	2517.70		P_1@49	S_0@0	24.08	26.15	< 33.01
2590.50	2602.20				24.08	26.15	< 33.01
2675.00	2686.70				24.27	26.34	< 33.01
2506.00	2517.70		P_1@99	S_0@0	24.02	26.09	< 33.01
2590.50	2602.20				24.28	26.35	< 33.01
2675.00	2686.70				24.46	26.53	< 33.01
2506.00	2517.70		P_100@	S_25@0	22.95	25.02	< 33.01
2590.50	2602.20				23.01	25.08	< 33.01
2675.00	2686.70				23.24	25.31	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2499.30	2511.00	5+20	P_1@0	S_0@0	23.91	25.98	< 33.01
2583.80	2595.50				23.95	26.02	< 33.01
2668.30	2680.00				24.04	26.11	< 33.01
2499.30	2511.00		P_1@13	S_0@0	23.89	25.96	< 33.01
2583.80	2595.50				23.96	26.03	< 33.01
2668.30	2680.00				24.34	26.41	< 33.01
2499.30	2511.00		P_1@24	S_0@0	23.78	25.85	< 33.01
2583.80	2595.50				23.76	25.83	< 33.01
2668.30	2680.00				23.86	25.93	< 33.01
2499.30	2511.00		P_25@0	S_100@0	22.81	24.88	< 33.01
2583.80	2595.50				22.83	24.90	< 33.01
2668.30	2680.00				22.84	24.91	< 33.01
2503.50	2518.50	15+15	P_1@0	S_0@0	23.57	25.64	< 33.01
2585.50	2600.50				23.71	25.78	< 33.01
2667.50	2682.50				23.64	25.71	< 33.01
2503.50	2518.50		P_1@38	S_0@0	23.41	25.48	< 33.01
2585.50	2600.50				23.51	25.58	< 33.01
2667.50	2682.50				23.66	25.73	< 33.01
2503.50	2518.50		P_1@74	S_0@0	23.66	25.73	< 33.01
2585.50	2600.50				23.65	25.72	< 33.01
2667.50	2682.50				23.61	25.68	< 33.01
2503.50	2518.50		P_75@0	S_75@0	22.45	24.52	< 33.01
2585.50	2600.50				22.48	24.55	< 33.01
2667.50	2682.50				22.61	24.68	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
2501.30	2513.30	10+15	P_1@0	S_0@0	23.55	25.62	< 33.01
2585.90	2597.90				23.58	25.65	< 33.01
2670.50	2682.50				23.57	25.64	< 33.01
2501.30	2513.30		P_1@25	S_0@0	23.56	25.63	< 33.01
2585.90	2597.90				23.59	25.66	< 33.01
2670.50	2682.50				23.65	25.72	< 33.01
2501.30	2513.30		P_1@49	S_0@0	23.58	25.65	< 33.01
2585.90	2597.90				23.52	25.59	< 33.01
2670.50	2682.50				23.74	25.81	< 33.01
2501.30	2513.30		P_50@0	S_75@0	22.44	24.51	< 33.01
2585.90	2597.90				22.50	24.57	< 33.01
2670.50	2682.50				22.59	24.66	< 33.01
2503.50	2515.50	15+10	P_1@0	S_0@0	23.61	25.68	< 33.01
2588.10	2600.10				23.66	25.73	< 33.01
2672.70	2684.70				23.62	25.69	< 33.01
2503.50	2515.50		P_1@38	S_0@0	23.52	25.59	< 33.01
2588.10	2600.10				23.65	25.72	< 33.01
2672.70	2684.70				23.67	25.74	< 33.01
2503.50	2515.50		P_1@74	S_0@0	23.68	25.75	< 33.01
2588.10	2600.10				23.63	25.70	< 33.01
2672.70	2684.70				23.88	25.95	< 33.01
2503.50	2515.50		P_75@0	S_50@0	22.44	24.51	< 33.01
2588.10	2600.10				22.48	24.55	< 33.01
2672.70	2684.70				22.65	24.72	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2506.00	2525.80	20+20	P_1@0	S_0@0	23.15	25.22	< 33.01
2583.10	2602.90				23.27	25.34	< 33.01
2660.20	2680.00				23.21	25.28	< 33.01
2506.00	2525.80		P_1@49	S_0@0	23.38	25.45	< 33.01
2583.10	2602.90				23.35	25.42	< 33.01
2660.20	2680.00				23.29	25.36	< 33.01
2506.00	2525.80		P_1@99	S_0@0	23.46	25.53	< 33.01
2583.10	2602.90				23.32	25.39	< 33.01
2660.20	2680.00				23.44	25.51	< 33.01
2506.00	2525.80		P_100@0	S_100@0	21.98	24.05	< 33.01
2583.10	2602.90				22.04	24.11	< 33.01
2660.20	2680.00				22.07	24.14	< 33.01
2506.00	2523.10	20+15	P_1@0	S_0@0	23.30	25.37	< 33.01
2585.60	2602.70				23.51	25.58	< 33.01
2665.10	2682.20				23.24	25.31	< 33.01
2506.00	2523.10		P_1@49	S_0@0	23.37	25.44	< 33.01
2585.60	2602.70				23.29	25.36	< 33.01
2665.10	2682.20				23.45	25.52	< 33.01
2506.00	2523.10		P_1@99	S_0@0	23.28	25.35	< 33.01
2585.60	2602.70				23.28	25.35	< 33.01
2665.10	2682.20				23.56	25.63	< 33.01
2506.00	2523.10		P_100@0	S_75@0	22.05	24.12	< 33.01
2585.60	2602.70				22.02	24.09	< 33.01
2665.10	2682.20				22.11	24.18	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2503.80	2520.90	15+20	P_1@0	S_0@0	22.89	24.96	< 33.01
2593.30	2600.40				22.87	24.94	< 33.01
2662.90	2680.00				22.84	24.91	< 33.01
2503.80	2520.90		P_1@38	S_0@0	22.87	24.94	< 33.01
2593.30	2600.40				22.88	24.95	< 33.01
2662.90	2680.00				22.96	25.03	< 33.01
2503.80	2520.90		P_1@74	S_0@0	22.63	24.70	< 33.01
2593.30	2600.40				22.71	24.78	< 33.01
2662.90	2680.00				22.92	24.99	< 33.01
2503.80	2520.90		P_75@0	S_100@0	21.47	23.54	< 33.01
2593.30	2600.40				21.50	23.57	< 33.01
2662.90	2680.00				21.58	23.65	< 33.01
2506.00	2520.40	20+10	P_1@0	S_0@0	23.42	25.49	< 33.01
2588.10	2602.50				23.37	25.44	< 33.01
2670.10	2684.50				23.28	25.35	< 33.01
2506.00	2520.40		P_1@49	S_0@0	23.27	25.34	< 33.01
2588.10	2602.50				23.36	25.43	< 33.01
2670.10	2684.50				23.41	25.48	< 33.01
2506.00	2520.40		P_1@99	S_0@0	23.19	25.26	< 33.01
2588.10	2602.50				23.31	25.38	< 33.01
2670.10	2684.50				23.62	25.69	< 33.01
2506.00	2520.40		P_100@0	S_50@0	21.99	24.06	< 33.01
2588.10	2602.50				22.04	24.11	< 33.01
2670.10	2684.50				22.16	24.23	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2501.50	2515.90	10+20	P_1@0	S_0@0	22.78	24.85	< 33.01
2583.60	2598.00				22.91	24.98	< 33.01
2665.60	2680.00				22.94	25.01	< 33.01
2501.50	2515.90		P_1@25	S_0@0	22.86	24.93	< 33.01
2583.60	2598.00				22.79	24.86	< 33.01
2665.60	2680.00				22.86	24.93	< 33.01
2501.50	2515.90		P_1@49	S_0@0	22.84	24.91	< 33.01
2583.60	2598.00				22.81	24.88	< 33.01
2665.60	2680.00				22.86	24.93	< 33.01
2501.50	2515.90		P_50@0	S_100@0	21.46	23.53	< 33.01
2583.60	2598.00				21.50	23.57	< 33.01
2665.60	2680.00				21.65	23.72	< 33.01
2506.00	2517.70	20+5	P_1@0	S_0@0	23.25	25.32	< 33.01
2590.50	2602.20				23.54	25.61	< 33.01
2675.00	2686.70				23.45	25.52	< 33.01
2506.00	2517.70		P_1@49	S_0@0	23.28	25.35	< 33.01
2590.50	2602.20				23.44	25.51	< 33.01
2675.00	2686.70				23.58	25.65	< 33.01
2506.00	2517.70		P_1@99	S_0@0	23.16	25.23	< 33.01
2590.50	2602.20				23.23	25.30	< 33.01
2675.00	2686.70				23.76	25.83	< 33.01
2506.00	2517.70		P_100@	S_25@0	21.99	24.06	< 33.01
2590.50	2602.20				21.97	24.04	< 33.01
2675.00	2686.70				22.28	24.35	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2499.30	2511.00	5+20	P_1@0	S_0@0	23.16	25.23	< 33.01
2583.80	2595.50				23.12	25.19	< 33.01
2668.30	2680.00				23.09	25.16	< 33.01
2499.30	2511.00		P_1@13	S_0@0	23.17	25.24	< 33.01
2583.80	2595.50				23.22	25.29	< 33.01
2668.30	2680.00				23.14	25.21	< 33.01
2499.30	2511.00		P_1@24	S_0@0	22.98	25.05	< 33.01
2583.80	2595.50				22.96	25.03	< 33.01
2668.30	2680.00				23.07	25.14	< 33.01
2499.30	2511.00		P_25@0	S_100@0	21.78	23.85	< 33.01
2583.80	2595.50				21.84	23.91	< 33.01
2668.30	2680.00				21.88	23.95	< 33.01
2503.50	2518.50	15+15	P_1@0	S_0@0	22.74	24.81	< 33.01
2585.50	2600.50				22.84	24.91	< 33.01
2667.50	2682.50				22.93	25.00	< 33.01
2503.50	2518.50		P_1@38	S_0@0	22.78	24.85	< 33.01
2585.50	2600.50				22.87	24.94	< 33.01
2667.50	2682.50				22.93	25.00	< 33.01
2503.50	2518.50		P_1@74	S_0@0	22.87	24.94	< 33.01
2585.50	2600.50				22.89	24.96	< 33.01
2667.50	2682.50				22.93	25.00	< 33.01
2503.50	2518.50		P_75@0	S_75@0	21.48	23.55	< 33.01
2585.50	2600.50				21.52	23.59	< 33.01
2667.50	2682.50				21.65	23.72	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
2501.30	2513.30	10+15	P_1@0	S_0@0	22.93	25.00	< 33.01
2585.90	2597.90				22.98	25.05	< 33.01
2670.50	2682.50				22.85	24.92	< 33.01
2501.30	2513.30		P_1@25	S_0@0	22.79	24.86	< 33.01
2585.90	2597.90				22.81	24.88	< 33.01
2670.50	2682.50				22.86	24.93	< 33.01
2501.30	2513.30		P_1@49	S_0@0	22.82	24.89	< 33.01
2585.90	2597.90				22.81	24.88	< 33.01
2670.50	2682.50				22.99	25.06	< 33.01
2501.30	2513.30		P_50@0	S_75@0	21.46	23.53	< 33.01
2585.90	2597.90				21.49	23.56	< 33.01
2670.50	2682.50				21.58	23.65	< 33.01
2503.50	2515.50	15+10	P_1@0	S_0@0	22.72	24.79	< 33.01
2588.10	2600.10				22.77	24.84	< 33.01
2672.70	2684.70				22.88	24.95	< 33.01
2503.50	2515.50		P_1@38	S_0@0	22.75	24.82	< 33.01
2588.10	2600.10				22.84	24.91	< 33.01
2672.70	2684.70				22.82	24.89	< 33.01
2503.50	2515.50		P_1@74	S_0@0	22.88	24.95	< 33.01
2588.10	2600.10				22.75	24.82	< 33.01
2672.70	2684.70				23.19	25.26	< 33.01
2503.50	2515.50		P_75@0	S_50@0	21.46	23.53	< 33.01
2588.10	2600.10				21.48	23.55	< 33.01
2672.70	2684.70				21.68	23.75	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2506.00	2525.80	20+20	P_1@0	S_0@0	22.35	24.42	< 33.01
2583.10	2602.90				22.46	24.53	< 33.01
2660.20	2680.00				22.32	24.39	< 33.01
2506.00	2525.80		P_1@49	S_0@0	22.41	24.48	< 33.01
2583.10	2602.90				22.34	24.41	< 33.01
2660.20	2680.00				22.31	24.38	< 33.01
2506.00	2525.80		P_1@99	S_0@0	22.24	24.31	< 33.01
2583.10	2602.90				22.23	24.30	< 33.01
2660.20	2680.00				22.54	24.61	< 33.01
2506.00	2525.80		P_100@0	S_100@0	21.73	23.80	< 33.01
2583.10	2602.90				22.02	24.09	< 33.01
2660.20	2680.00				22.03	24.10	< 33.01
2506.00	2523.10	20+15	P_1@0	S_0@0	22.47	24.54	< 33.01
2585.60	2602.70				22.64	24.71	< 33.01
2665.10	2682.20				22.34	24.41	< 33.01
2506.00	2523.10		P_1@49	S_0@0	22.34	24.41	< 33.01
2585.60	2602.70				22.36	24.43	< 33.01
2665.10	2682.20				22.72	24.79	< 33.01
2506.00	2523.10		P_1@99	S_0@0	22.58	24.65	< 33.01
2585.60	2602.70				22.41	24.48	< 33.01
2665.10	2682.20				22.71	24.78	< 33.01
2506.00	2523.10		P_100@0	S_75@0	21.71	23.78	< 33.01
2585.60	2602.70				22.00	24.07	< 33.01
2665.10	2682.20				22.09	24.16	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2503.80	2520.90	15+20	P_1@0	S_0@0	22.01	24.08	< 33.01
2593.30	2600.40				22.02	24.09	< 33.01
2662.90	2680.00				22.06	24.13	< 33.01
2503.80	2520.90		P_1@38	S_0@0	22.06	24.13	< 33.01
2593.30	2600.40				21.94	24.01	< 33.01
2662.90	2680.00				22.04	24.11	< 33.01
2503.80	2520.90		P_1@74	S_0@0	21.73	23.80	< 33.01
2593.30	2600.40				21.90	23.97	< 33.01
2662.90	2680.00				21.86	23.93	< 33.01
2503.80	2520.90		P_75@0	S_100@0	21.48	23.55	< 33.01
2593.30	2600.40				21.49	23.56	< 33.01
2662.90	2680.00				21.53	23.60	< 33.01
2506.00	2520.40	20+10	P_1@0	S_0@0	22.43	24.50	< 33.01
2588.10	2602.50				22.59	24.66	< 33.01
2670.10	2684.50				22.33	24.40	< 33.01
2506.00	2520.40		P_1@49	S_0@0	22.34	24.41	< 33.01
2588.10	2602.50				22.33	24.40	< 33.01
2670.10	2684.50				22.62	24.69	< 33.01
2506.00	2520.40		P_1@99	S_0@0	21.74	23.81	< 33.01
2588.10	2602.50				22.43	24.50	< 33.01
2670.10	2684.50				22.78	24.85	< 33.01
2506.00	2520.40		P_100@0	S_50@0	21.68	23.75	< 33.01
2588.10	2602.50				21.99	24.06	< 33.01
2670.10	2684.50				22.15	24.22	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2501.50	2515.90	10+20	P_1@0	S_0@0	21.92	23.99	< 33.01
2583.60	2598.00				21.96	24.03	< 33.01
2665.60	2680.00				22.05	24.12	< 33.01
2501.50	2515.90		P_1@25	S_0@0	21.91	23.98	< 33.01
2583.60	2598.00				21.97	24.04	< 33.01
2665.60	2680.00				22.08	24.15	< 33.01
2501.50	2515.90		P_1@49	S_0@0	22.04	24.11	< 33.01
2583.60	2598.00				21.95	24.02	< 33.01
2665.60	2680.00				22.04	24.11	< 33.01
2501.50	2515.90		P_50@0	S_100@0	21.47	23.54	< 33.01
2583.60	2598.00				21.51	23.58	< 33.01
2665.60	2680.00				21.59	23.66	< 33.01
2506.00	2517.70	20+5	P_1@0	S_0@0	22.43	24.50	< 33.01
2590.50	2602.20				22.20	24.27	< 33.01
2675.00	2686.70				22.67	24.74	< 33.01
2506.00	2517.70		P_1@49	S_0@0	22.33	24.40	< 33.01
2590.50	2602.20				22.26	24.33	< 33.01
2675.00	2686.70				22.44	24.51	< 33.01
2506.00	2517.70		P_1@99	S_0@0	22.42	24.49	< 33.01
2590.50	2602.20				22.25	24.32	< 33.01
2675.00	2686.70				22.78	24.85	< 33.01
2506.00	2517.70		P_100@	S_25@0	21.74	23.81	< 33.01
2590.50	2602.20				21.99	24.06	< 33.01
2675.00	2686.70				22.24	24.31	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2499.30	2511.00	5+20	P_1@0	S_0@0	22.27	24.34	< 33.01
2583.80	2595.50				22.21	24.28	< 33.01
2668.30	2680.00				22.23	24.30	< 33.01
2499.30	2511.00		P_1@13	S_0@0	22.13	24.20	< 33.01
2583.80	2595.50				22.18	24.25	< 33.01
2668.30	2680.00				22.26	24.33	< 33.01
2499.30	2511.00		P_1@24	S_0@0	22.02	24.09	< 33.01
2583.80	2595.50				22.28	24.35	< 33.01
2668.30	2680.00				22.21	24.28	< 33.01
2499.30	2511.00		P_25@0	S_100@0	21.46	23.53	< 33.01
2583.80	2595.50				21.76	23.83	< 33.01
2668.30	2680.00				21.86	23.93	< 33.01
2503.50	2518.50	15+15	P_1@0	S_0@0	21.92	23.99	< 33.01
2585.50	2600.50				21.98	24.05	< 33.01
2667.50	2682.50				21.92	23.99	< 33.01
2503.50	2518.50		P_1@38	S_0@0	21.95	24.02	< 33.01
2585.50	2600.50				21.98	24.05	< 33.01
2667.50	2682.50				22.07	24.14	< 33.01
2503.50	2518.50		P_1@74	S_0@0	21.95	24.02	< 33.01
2585.50	2600.50				22.07	24.14	< 33.01
2667.50	2682.50				22.04	24.11	< 33.01
2503.50	2518.50		P_75@0	S_75@0	21.51	23.58	< 33.01
2585.50	2600.50				21.51	23.58	< 33.01
2667.50	2682.50				21.58	23.65	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
2501.30	2513.30	10+15	P_1@0	S_0@0	21.96	24.03	< 33.01
2585.90	2597.90				21.93	24.00	< 33.01
2670.50	2682.50				21.92	23.99	< 33.01
2501.30	2513.30		P_1@25	S_0@0	21.84	23.91	< 33.01
2585.90	2597.90				21.92	23.99	< 33.01
2670.50	2682.50				22.04	24.11	< 33.01
2501.30	2513.30		P_1@49	S_0@0	21.76	23.83	< 33.01
2585.90	2597.90				21.87	23.94	< 33.01
2670.50	2682.50				21.98	24.05	< 33.01
2501.30	2513.30		P_50@0	S_75@0	21.43	23.50	< 33.01
2585.90	2597.90				21.53	23.60	< 33.01
2670.50	2682.50				21.55	23.62	< 33.01
2503.50	2515.50	15+10	P_1@0	S_0@0	21.77	23.84	< 33.01
2588.10	2600.10				21.88	23.95	< 33.01
2672.70	2684.70				21.92	23.99	< 33.01
2503.50	2515.50		P_1@38	S_0@0	22.02	24.09	< 33.01
2588.10	2600.10				21.93	24.00	< 33.01
2672.70	2684.70				21.98	24.05	< 33.01
2503.50	2515.50		P_1@74	S_0@0	22.01	24.08	< 33.01
2588.10	2600.10				22.06	24.13	< 33.01
2672.70	2684.70				22.25	24.32	< 33.01
2503.50	2515.50		P_75@0	S_50@0	21.48	23.55	< 33.01
2588.10	2600.10				21.52	23.59	< 33.01
2672.70	2684.70				21.63	23.70	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2506.00	2525.80	20+20	P_1@0	S_0@0	19.65	21.72	< 33.01
2583.10	2602.90				19.57	21.64	< 33.01
2660.20	2680.00				19.47	21.54	< 33.01
2506.00	2525.80		P_1@49	S_0@0	19.31	21.38	< 33.01
2583.10	2602.90				19.64	21.71	< 33.01
2660.20	2680.00				19.49	21.56	< 33.01
2506.00	2525.80		P_1@99	S_0@0	19.33	21.40	< 33.01
2583.10	2602.90				19.44	21.51	< 33.01
2660.20	2680.00				19.56	21.63	< 33.01
2506.00	2525.80		P_100@0	S_100@0	19.99	22.06	< 33.01
2583.10	2602.90				20.04	22.11	< 33.01
2660.20	2680.00				20.08	22.15	< 33.01
2506.00	2523.10	20+15	P_1@0	S_0@0	19.67	21.74	< 33.01
2585.60	2602.70				19.75	21.82	< 33.01
2665.10	2682.20				19.31	21.38	< 33.01
2506.00	2523.10		P_1@49	S_0@0	19.58	21.65	< 33.01
2585.60	2602.70				19.45	21.52	< 33.01
2665.10	2682.20				19.46	21.53	< 33.01
2506.00	2523.10		P_1@99	S_0@0	19.54	21.61	< 33.01
2585.60	2602.70				19.40	21.47	< 33.01
2665.10	2682.20				19.72	21.79	< 33.01
2506.00	2523.10		P_100@0	S_75@0	19.99	22.06	< 33.01
2585.60	2602.70				20.04	22.11	< 33.01
2665.10	2682.20				20.11	22.18	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2503.80	2520.90	15+20	P_1@0	S_0@0	18.98	21.05	< 33.01
2593.30	2600.40				19.32	21.39	< 33.01
2662.90	2680.00				18.82	20.89	< 33.01
2503.80	2520.90		P_1@38	S_0@0	18.96	21.03	< 33.01
2593.30	2600.40				19.01	21.08	< 33.01
2662.90	2680.00				19.06	21.13	< 33.01
2503.80	2520.90		P_1@74	S_0@0	18.86	20.93	< 33.01
2593.30	2600.40				18.89	20.96	< 33.01
2662.90	2680.00				19.78	21.85	< 33.01
2503.80	2520.90		P_75@0	S_100@0	19.47	21.54	< 33.01
2593.30	2600.40				19.48	21.55	< 33.01
2662.90	2680.00				19.57	21.64	< 33.01
2506.00	2520.40	20+10	P_1@0	S_0@0	19.61	21.68	< 33.01
2588.10	2602.50				19.75	21.82	< 33.01
2670.10	2684.50				19.29	21.36	< 33.01
2506.00	2520.40		P_1@49	S_0@0	19.52	21.59	< 33.01
2588.10	2602.50				19.33	21.40	< 33.01
2670.10	2684.50				19.63	21.70	< 33.01
2506.00	2520.40		P_1@99	S_0@0	19.45	21.52	< 33.01
2588.10	2602.50				19.43	21.50	< 33.01
2670.10	2684.50				19.75	21.82	< 33.01
2506.00	2520.40		P_100@0	S_50@0	19.97	22.04	< 33.01
2588.10	2602.50				20.03	22.10	< 33.01
2670.10	2684.50				20.14	22.21	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2501.50	2515.90	10+20	P_1@0	S_0@0	18.95	21.02	< 33.01
2583.60	2598.00				18.96	21.03	< 33.01
2665.60	2680.00				19.04	21.11	< 33.01
2501.50	2515.90		P_1@25	S_0@0	18.94	21.01	< 33.01
2583.60	2598.00				19.02	21.09	< 33.01
2665.60	2680.00				19.05	21.12	< 33.01
2501.50	2515.90		P_1@49	S_0@0	18.89	20.96	< 33.01
2583.60	2598.00				18.82	20.89	< 33.01
2665.60	2680.00				19.01	21.08	< 33.01
2501.50	2515.90		P_50@0	S_100@0	19.46	21.53	< 33.01
2583.60	2598.00				19.50	21.57	< 33.01
2665.60	2680.00				19.63	21.70	< 33.01
2506.00	2517.70	20+5	P_1@0	S_0@0	19.43	21.50	< 33.01
2590.50	2602.20				19.46	21.53	< 33.01
2675.00	2686.70				19.77	21.84	< 33.01
2506.00	2517.70		P_1@49	S_0@0	19.43	21.50	< 33.01
2590.50	2602.20				19.49	21.56	< 33.01
2675.00	2686.70				19.73	21.80	< 33.01
2506.00	2517.70		P_1@99	S_0@0	19.36	21.43	< 33.01
2590.50	2602.20				19.17	21.24	< 33.01
2675.00	2686.70				19.75	21.82	< 33.01
2506.00	2517.70		P_100@	S_25@0	19.98	22.05	< 33.01
2590.50	2602.20				20.01	22.08	< 33.01
2675.00	2686.70				20.25	22.32	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2499.30	2511.00	5+20	P_1@0	S_0@0	19.07	21.14	< 33.01
2583.80	2595.50				19.19	21.26	< 33.01
2668.30	2680.00				19.27	21.34	< 33.01
2499.30	2511.00		P_1@13	S_0@0	19.32	21.39	< 33.01
2583.80	2595.50				19.36	21.43	< 33.01
2668.30	2680.00				19.29	21.36	< 33.01
2499.30	2511.00		P_1@24	S_0@0	19.16	21.23	< 33.01
2583.80	2595.50				19.19	21.26	< 33.01
2668.30	2680.00				19.10	21.17	< 33.01
2499.30	2511.00		P_25@0	S_100@0	19.82	21.89	< 33.01
2583.80	2595.50				19.81	21.88	< 33.01
2668.30	2680.00				19.85	21.92	< 33.01
2503.50	2518.50	15+15	P_1@0	S_0@0	19.01	21.08	< 33.01
2585.50	2600.50				19.02	21.09	< 33.01
2667.50	2682.50				19.03	21.10	< 33.01
2503.50	2518.50		P_1@38	S_0@0	18.88	20.95	< 33.01
2585.50	2600.50				19.01	21.08	< 33.01
2667.50	2682.50				19.07	21.14	< 33.01
2503.50	2518.50		P_1@74	S_0@0	18.89	20.96	< 33.01
2585.50	2600.50				18.93	21.00	< 33.01
2667.50	2682.50				19.03	21.10	< 33.01
2503.50	2518.50		P_75@0	S_75@0	19.48	21.55	< 33.01
2585.50	2600.50				19.52	21.59	< 33.01
2667.50	2682.50				19.66	21.73	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
2501.30	2513.30	10+15	P_1@0	S_0@0	19.02	21.09	< 33.01
2585.90	2597.90				18.93	21.00	< 33.01
2670.50	2682.50				19.02	21.09	< 33.01
2501.30	2513.30		P_1@25	S_0@0	18.88	20.95	< 33.01
2585.90	2597.90				18.75	20.82	< 33.01
2670.50	2682.50				19.02	21.09	< 33.01
2501.30	2513.30		P_1@49	S_0@0	18.67	20.74	< 33.01
2585.90	2597.90				18.80	20.87	< 33.01
2670.50	2682.50				19.05	21.12	< 33.01
2501.30	2513.30		P_50@0	S_75@0	19.46	21.53	< 33.01
2585.90	2597.90				19.47	21.54	< 33.01
2670.50	2682.50				19.62	21.69	< 33.01
2503.50	2515.50	15+10	P_1@0	S_0@0	18.82	20.89	< 33.01
2588.10	2600.10				19.02	21.09	< 33.01
2672.70	2684.70				18.88	20.95	< 33.01
2503.50	2515.50		P_1@38	S_0@0	18.89	20.96	< 33.01
2588.10	2600.10				19.00	21.07	< 33.01
2672.70	2684.70				18.91	20.98	< 33.01
2503.50	2515.50		P_1@74	S_0@0	18.98	21.05	< 33.01
2588.10	2600.10				18.94	21.01	< 33.01
2672.70	2684.70				19.17	21.24	< 33.01
2503.50	2515.50		P_75@0	S_50@0	19.46	21.53	< 33.01
2588.10	2600.10				19.52	21.59	< 33.01
2672.70	2684.70				19.68	21.75	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	Intra-Band CA_66B

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1712.5	1717.3	5+5	P_1@0	S_0@0	23.07	24.44	< 30.00
1752.6	1757.4				23.48	24.85	< 30.00
1772.7	1777.5				23.12	24.49	< 30.00
1712.5	1717.3		P_1@12	S_0@0	23.41	24.78	< 30.00
1752.6	1757.4				23.57	24.94	< 30.00
1772.7	1777.5				23.21	24.58	< 30.00
1712.5	1717.3		P_1@24	S_0@0	23.22	24.59	< 30.00
1752.6	1757.4				23.48	24.85	< 30.00
1772.7	1777.5				23.15	24.52	< 30.00
1712.5	1717.3		P_25@0	S_25@0	22.08	23.45	< 30.00
1752.6	1757.4				22.36	23.73	< 30.00
1772.7	1777.5				22.32	23.69	< 30.00
1712.8	1720.0	5+10	P_1@0	S_0@0	23.40	24.77	< 30.00
1750.3	1757.5				23.28	24.65	< 30.00
1767.8	1775.0				22.92	24.29	< 30.00
1712.8	1720.0		P_1@38	S_0@0	23.52	24.89	< 30.00
1750.3	1757.5				23.45	24.82	< 30.00
1767.8	1775.0				22.91	24.28	< 30.00
1712.8	1720.0		P_1@74	S_0@0	23.10	24.47	< 30.00
1750.3	1757.5				23.37	24.74	< 30.00
1767.8	1775.0				22.98	24.35	< 30.00
1712.8	1720.0		P_25@0	S_50@0	21.88	23.25	< 30.00
1750.3	1757.5				22.22	23.59	< 30.00
1767.8	1775.0				21.13	22.50	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1715.0	1722.2	10+5	P_1@0	S_0@0	23.06	24.43	< 30.00
1752.5	1759.7				23.35	24.72	< 30.00
1770.0	1777.2				22.74	24.11	< 30.00
1715.0	1722.2		P_1@25	S_0@0	23.16	24.53	< 30.00
1752.5	1759.7				23.32	24.69	< 30.00
1770.0	1777.2				22.78	24.15	< 30.00
1715.0	1722.2		P_1@49	S_0@0	23.08	24.45	< 30.00
1752.5	1759.7				23.11	24.48	< 30.00
1770.0	1777.2				23.10	24.47	< 30.00
1715.0	1722.2		P_50@0	S_25@0	21.99	23.36	< 30.00
1752.5	1759.7				22.17	23.54	< 30.00
1770.0	1777.2				21.04	22.41	< 30.00
1713.0	1722.3	5+15	P_1@0	S_0@0	23.28	24.65	< 30.00
1748.1	1757.4				23.59	24.96	< 30.00
1763.2	1772.5				22.99	24.36	< 30.00
1713.0	1722.3		P_1@12	S_0@0	23.65	25.02	< 30.00
1748.1	1757.4				23.61	24.98	< 30.00
1763.2	1772.5				23.26	24.63	< 30.00
1713.0	1722.3		P_1@24	S_0@0	23.65	25.02	< 30.00
1748.1	1757.4				23.59	24.96	< 30.00
1763.2	1772.5				22.58	23.95	< 30.00
1713.0	1722.3		P_25@0	S_75@0	22.19	23.56	< 30.00
1748.1	1757.4				22.29	23.66	< 30.00
1763.2	1772.5				21.66	23.03	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1717.5	1726.8	15+5	P_1@0	S_0@0	23.35	24.72	< 30.00
1752.6	1761.9				23.55	24.92	< 30.00
1767.7	1777.0				22.68	24.05	< 30.00
1717.5	1726.8		P_1@38	S_0@0	23.41	24.78	< 30.00
1752.6	1761.9				23.55	24.92	< 30.00
1767.7	1777.0				22.66	24.03	< 30.00
1717.5	1726.8		P_1@74	S_0@0	23.41	24.78	< 30.00
1752.6	1761.9				22.68	24.05	< 30.00
1767.7	1777.0				23.02	24.39	< 30.00
1717.5	1726.8		P_75@0	S_100@0	22.52	23.89	< 30.00
1752.6	1761.9				22.32	23.69	< 30.00
1767.7	1777.0				21.02	22.39	< 30.00
1715.0	1724.9	10+10	P_1@0	S_0@0	23.51	24.88	< 30.00
1750.1	1760.0				23.42	24.79	< 30.00
1765.1	1775.0				22.85	24.22	< 30.00
1715.0	1724.9		P_1@24	S_0@0	23.48	24.85	< 30.00
1750.1	1760.0				23.46	24.83	< 30.00
1765.1	1775.0				22.76	24.13	< 30.00
1715.0	1724.9		P_1@49	S_0@0	23.39	24.76	< 30.00
1750.1	1760.0				23.65	25.02	< 30.00
1765.1	1775.0				22.99	24.36	< 30.00
1715.0	1724.9		P_100@	S_75@0	22.28	23.65	< 30.00
1750.1	1760.0				22.32	23.69	< 30.00
1765.1	1775.0				20.91	22.28	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1712.5	1717.3	5+5	P_1@0	S_0@0	22.39	23.76	< 30.00
1752.6	1757.4				22.59	23.96	< 30.00
1772.7	1777.5				22.32	23.69	< 30.00
1712.5	1717.3		P_1@12	S_0@0	22.66	24.03	< 30.00
1752.6	1757.4				22.98	24.35	< 30.00
1772.7	1777.5				22.38	23.75	< 30.00
1712.5	1717.3		P_1@24	S_0@0	22.62	23.99	< 30.00
1752.6	1757.4				22.61	23.98	< 30.00
1772.7	1777.5				22.22	23.59	< 30.00
1712.5	1717.3		P_25@0	S_25@0	21.12	22.49	< 30.00
1752.6	1757.4				21.38	22.75	< 30.00
1772.7	1777.5				21.37	22.74	< 30.00
1712.8	1720.0	5+10	P_1@0	S_0@0	22.37	23.74	< 30.00
1750.3	1757.5				22.77	24.14	< 30.00
1767.8	1775.0				22.07	23.44	< 30.00
1712.8	1720.0		P_1@38	S_0@0	22.51	23.88	< 30.00
1750.3	1757.5				22.73	24.10	< 30.00
1767.8	1775.0				22.31	23.68	< 30.00
1712.8	1720.0		P_1@74	S_0@0	22.49	23.86	< 30.00
1750.3	1757.5				22.58	23.95	< 30.00
1767.8	1775.0				22.11	23.48	< 30.00
1712.8	1720.0		P_25@0	S_50@0	20.96	22.33	< 30.00
1750.3	1757.5				21.24	22.61	< 30.00
1767.8	1775.0				20.12	21.49	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1715.0	1722.2	10+5	P_1@0	S_0@0	22.19	23.56	< 30.00
1752.5	1759.7				22.58	23.95	< 30.00
1770.0	1777.2				21.96	23.33	< 30.00
1715.0	1722.2		P_1@25	S_0@0	22.47	23.84	< 30.00
1752.5	1759.7				22.65	24.02	< 30.00
1770.0	1777.2				22.09	23.46	< 30.00
1715.0	1722.2		P_1@49	S_0@0	22.21	23.58	< 30.00
1752.5	1759.7				22.36	23.73	< 30.00
1770.0	1777.2				22.28	23.65	< 30.00
1715.0	1722.2		P_50@0	S_25@0	21.02	22.39	< 30.00
1752.5	1759.7				21.21	22.58	< 30.00
1770.0	1777.2				20.02	21.39	< 30.00
1713.0	1722.3	5+15	P_1@0	S_0@0	22.74	24.11	< 30.00
1748.1	1757.4				22.81	24.18	< 30.00
1763.2	1772.5				22.06	23.43	< 30.00
1713.0	1722.3		P_1@12	S_0@0	22.64	24.01	< 30.00
1748.1	1757.4				22.73	24.10	< 30.00
1763.2	1772.5				22.54	23.91	< 30.00
1713.0	1722.3		P_1@24	S_0@0	22.49	23.86	< 30.00
1748.1	1757.4				22.76	24.13	< 30.00
1763.2	1772.5				21.92	23.29	< 30.00
1713.0	1722.3		P_25@0	S_75@0	21.21	22.58	< 30.00
1748.1	1757.4				21.31	22.68	< 30.00
1763.2	1772.5				20.71	22.08	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1717.5	1726.8	15+5	P_1@0	S_0@0	22.82	24.19	< 30.00
1752.6	1761.9				22.88	24.25	< 30.00
1767.7	1777.0				22.10	23.47	< 30.00
1717.5	1726.8		P_1@38	S_0@0	22.56	23.93	< 30.00
1752.6	1761.9				22.84	24.21	< 30.00
1767.7	1777.0				22.15	23.52	< 30.00
1717.5	1726.8		P_1@74	S_0@0	22.57	23.94	< 30.00
1752.6	1761.9				21.97	23.34	< 30.00
1767.7	1777.0				22.30	23.67	< 30.00
1717.5	1726.8		P_75@0	S_100@0	21.28	22.65	< 30.00
1752.6	1761.9				21.33	22.70	< 30.00
1767.7	1777.0				19.95	21.32	< 30.00
1715.0	1724.9	10+10	P_1@0	S_0@0	22.74	24.11	< 30.00
1750.1	1760.0				22.82	24.19	< 30.00
1765.1	1775.0				22.04	23.41	< 30.00
1715.0	1724.9		P_1@24	S_0@0	22.65	24.02	< 30.00
1750.1	1760.0				22.74	24.11	< 30.00
1765.1	1775.0				22.28	23.65	< 30.00
1715.0	1724.9		P_1@49	S_0@0	22.62	23.99	< 30.00
1750.1	1760.0				22.74	24.11	< 30.00
1765.1	1775.0				22.34	23.71	< 30.00
1715.0	1724.9		P_100@	S_75@0	21.31	22.68	< 30.00
1750.1	1760.0				21.35	22.72	< 30.00
1765.1	1775.0				19.93	21.30	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1712.5	1717.3	5+5	P_1@0	S_0@0	21.45	22.82	< 30.00
1752.6	1757.4				21.62	22.99	< 30.00
1772.7	1777.5				21.52	22.89	< 30.00
1712.5	1717.3		P_1@12	S_0@0	21.67	23.04	< 30.00
1752.6	1757.4				21.92	23.29	< 30.00
1772.7	1777.5				21.82	23.19	< 30.00
1712.5	1717.3		P_1@24	S_0@0	21.49	22.86	< 30.00
1752.6	1757.4				21.76	23.13	< 30.00
1772.7	1777.5				21.39	22.76	< 30.00
1712.5	1717.3		P_25@0	S_25@0	21.11	22.48	< 30.00
1752.6	1757.4				20.81	22.18	< 30.00
1772.7	1777.5				19.39	20.76	< 30.00
1712.8	1720.0	5+10	P_1@0	S_0@0	21.36	22.73	< 30.00
1750.3	1757.5				21.67	23.04	< 30.00
1767.8	1775.0				21.24	22.61	< 30.00
1712.8	1720.0		P_1@38	S_0@0	21.46	22.83	< 30.00
1750.3	1757.5				21.76	23.13	< 30.00
1767.8	1775.0				21.26	22.63	< 30.00
1712.8	1720.0		P_1@74	S_0@0	21.43	22.80	< 30.00
1750.3	1757.5				21.65	23.02	< 30.00
1767.8	1775.0				21.36	22.73	< 30.00
1712.8	1720.0		P_25@0	S_50@0	20.94	22.31	< 30.00
1750.3	1757.5				21.18	22.55	< 30.00
1767.8	1775.0				19.06	20.43	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1715.0	1722.2	10+5	P_1@0	S_0@0	21.48	22.85	< 30.00
1752.5	1759.7				21.68	23.05	< 30.00
1770.0	1777.2				21.08	22.45	< 30.00
1715.0	1722.2		P_1@25	S_0@0	21.56	22.93	< 30.00
1752.5	1759.7				21.61	22.98	< 30.00
1770.0	1777.2				21.24	22.61	< 30.00
1715.0	1722.2		P_1@49	S_0@0	21.67	23.04	< 30.00
1752.5	1759.7				21.40	22.77	< 30.00
1770.0	1777.2				21.41	22.78	< 30.00
1715.0	1722.2		P_50@0	S_25@0	20.96	22.33	< 30.00
1752.5	1759.7				20.56	21.93	< 30.00
1770.0	1777.2				19.07	20.44	< 30.00
1713.0	1722.3	5+15	P_1@0	S_0@0	21.72	23.09	< 30.00
1748.1	1757.4				21.57	22.94	< 30.00
1763.2	1772.5				21.21	22.58	< 30.00
1713.0	1722.3		P_1@12	S_0@0	21.75	23.12	< 30.00
1748.1	1757.4				21.83	23.20	< 30.00
1763.2	1772.5				21.49	22.86	< 30.00
1713.0	1722.3		P_1@24	S_0@0	21.74	23.11	< 30.00
1748.1	1757.4				21.71	23.08	< 30.00
1763.2	1772.5				20.94	22.31	< 30.00
1713.0	1722.3		P_25@0	S_75@0	21.24	22.61	< 30.00
1748.1	1757.4				21.16	22.53	< 30.00
1763.2	1772.5				19.85	21.22	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1717.5	1726.8	15+5	P_1@0	S_0@0	21.84	23.21	< 30.00
1752.6	1761.9				21.93	23.30	< 30.00
1767.7	1777.0				20.97	22.34	< 30.00
1717.5	1726.8		P_1@38	S_0@0	21.94	23.31	< 30.00
1752.6	1761.9				21.76	23.13	< 30.00
1767.7	1777.0				21.07	22.44	< 30.00
1717.5	1726.8		P_1@74	S_0@0	21.77	23.14	< 30.00
1752.6	1761.9				21.00	22.37	< 30.00
1767.7	1777.0				21.39	22.76	< 30.00
1717.5	1726.8		P_75@0	S_100@0	20.74	22.11	< 30.00
1752.6	1761.9				20.42	21.79	< 30.00
1767.7	1777.0				18.95	20.32	< 30.00
1715.0	1724.9	10+10	P_1@0	S_0@0	21.89	23.26	< 30.00
1750.1	1760.0				21.71	23.08	< 30.00
1765.1	1775.0				21.24	22.61	< 30.00
1715.0	1724.9		P_1@24	S_0@0	21.84	23.21	< 30.00
1750.1	1760.0				21.96	23.33	< 30.00
1765.1	1775.0				20.96	22.33	< 30.00
1715.0	1724.9		P_1@49	S_0@0	21.83	23.20	< 30.00
1750.1	1760.0				21.87	23.24	< 30.00
1765.1	1775.0				21.16	22.53	< 30.00
1715.0	1724.9		P_100@	S_75@0	21.03	22.40	< 30.00
1750.1	1760.0				21.15	22.52	< 30.00
1765.1	1775.0				18.88	20.25	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1712.5	1717.3	5+5	P_1@0	S_0@0	18.37	19.74	< 30.00
1752.6	1757.4				18.62	19.99	< 30.00
1772.7	1777.5				18.46	19.83	< 30.00
1712.5	1717.3		P_1@12	S_0@0	18.73	20.10	< 30.00
1752.6	1757.4				18.96	20.33	< 30.00
1772.7	1777.5				18.63	20.00	< 30.00
1712.5	1717.3		P_1@24	S_0@0	18.57	19.94	< 30.00
1752.6	1757.4				18.68	20.05	< 30.00
1772.7	1777.5				18.42	19.79	< 30.00
1712.5	1717.3		P_25@0	S_25@0	19.10	20.47	< 30.00
1752.6	1757.4				19.33	20.70	< 30.00
1772.7	1777.5				18.39	19.76	< 30.00
1712.8	1720.0	5+10	P_1@0	S_0@0	18.36	19.73	< 30.00
1750.3	1757.5				18.64	20.01	< 30.00
1767.8	1775.0				18.21	19.58	< 30.00
1712.8	1720.0		P_1@38	S_0@0	18.38	19.75	< 30.00
1750.3	1757.5				18.83	20.20	< 30.00
1767.8	1775.0				18.42	19.79	< 30.00
1712.8	1720.0		P_1@74	S_0@0	18.41	19.78	< 30.00
1750.3	1757.5				18.63	20.00	< 30.00
1767.8	1775.0				18.11	19.48	< 30.00
1712.8	1720.0		P_25@0	S_50@0	19.02	20.39	< 30.00
1750.3	1757.5				19.22	20.59	< 30.00
1767.8	1775.0				18.14	19.51	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1715.0	1722.2	10+5	P_1@0	S_0@0	18.41	19.78	< 30.00
1752.5	1759.7				18.54	19.91	< 30.00
1770.0	1777.2				18.12	19.49	< 30.00
1715.0	1722.2		P_1@25	S_0@0	18.35	19.72	< 30.00
1752.5	1759.7				18.72	20.09	< 30.00
1770.0	1777.2				18.39	19.76	< 30.00
1715.0	1722.2		P_1@49	S_0@0	18.28	19.65	< 30.00
1752.5	1759.7				18.54	19.91	< 30.00
1770.0	1777.2				18.34	19.71	< 30.00
1715.0	1722.2		P_50@0	S_25@0	19.04	20.41	< 30.00
1752.5	1759.7				19.21	20.58	< 30.00
1770.0	1777.2				18.04	19.41	< 30.00
1713.0	1722.3	5+15	P_1@0	S_0@0	18.74	20.11	< 30.00
1748.1	1757.4				18.85	20.22	< 30.00
1763.2	1772.5				18.25	19.62	< 30.00
1713.0	1722.3		P_1@12	S_0@0	18.82	20.19	< 30.00
1748.1	1757.4				18.75	20.12	< 30.00
1763.2	1772.5				18.55	19.92	< 30.00
1713.0	1722.3		P_1@24	S_0@0	18.67	20.04	< 30.00
1748.1	1757.4				18.73	20.10	< 30.00
1763.2	1772.5				17.89	19.26	< 30.00
1713.0	1722.3		P_25@0	S_75@0	19.22	20.59	< 30.00
1748.1	1757.4				19.23	20.60	< 30.00
1763.2	1772.5				18.74	20.11	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1717.5	1726.8	15+5	P_1@0	S_0@0	18.71	20.08	< 30.00
1752.6	1761.9				18.59	19.96	< 30.00
1767.7	1777.0				18.24	19.61	< 30.00
1717.5	1726.8		P_1@38	S_0@0	18.92	20.29	< 30.00
1752.6	1761.9				18.96	20.33	< 30.00
1767.7	1777.0				18.34	19.71	< 30.00
1717.5	1726.8		P_1@74	S_0@0	18.69	20.06	< 30.00
1752.6	1761.9				18.13	19.50	< 30.00
1767.7	1777.0				18.57	19.94	< 30.00
1717.5	1726.8		P_75@0	S_100@0	19.29	20.66	< 30.00
1752.6	1761.9				19.32	20.69	< 30.00
1767.7	1777.0				17.98	19.35	< 30.00
1715.0	1724.9	10+10	P_1@0	S_0@0	18.71	20.08	< 30.00
1750.1	1760.0				18.91	20.28	< 30.00
1765.1	1775.0				18.30	19.67	< 30.00
1715.0	1724.9		P_1@24	S_0@0	18.78	20.15	< 30.00
1750.1	1760.0				18.71	20.08	< 30.00
1765.1	1775.0				18.22	19.59	< 30.00
1715.0	1724.9		P_1@49	S_0@0	18.76	20.13	< 30.00
1750.1	1760.0				18.77	20.14	< 30.00
1765.1	1775.0				18.39	19.76	< 30.00
1715.0	1724.9		P_100@	S_75@0	19.28	20.65	< 30.00
1750.1	1760.0				19.30	20.67	< 30.00
1765.1	1775.0				17.93	19.30	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	Intra-Band CA_66C

Frequency (MHz)		Channel Bandwidth	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC	(MHz)					
QPSK							
1715.3	1727.3	10+15	P_1@0	S_0@0	23.24	24.61	< 30.00
1747.9	1759.9				23.39	24.76	< 30.00
1760.5	1772.5				23.28	24.65	< 30.00
1715.3	1727.3		P_1@25	S_0@0	23.11	24.48	< 30.00
1747.9	1759.9				23.21	24.58	< 30.00
1760.5	1772.5				23.20	24.57	< 30.00
1715.3	1727.3		P_1@49	S_0@0	23.09	24.46	< 30.00
1747.9	1759.9				23.08	24.45	< 30.00
1760.5	1772.5				23.03	24.40	< 30.00
1715.3	1727.3		P_50@0	S_75@0	21.98	23.35	< 30.00
1747.9	1759.9				21.99	23.36	< 30.00
1760.5	1772.5				22.01	23.38	< 30.00
1717.5	1729.5	15+10	P_1@0	S_0@0	23.18	24.55	< 30.00
1750.1	1762.1				23.31	24.68	< 30.00
1762.7	1774.7				23.13	24.50	< 30.00
1717.5	1729.5		P_1@38	S_0@0	23.13	24.50	< 30.00
1750.1	1762.1				23.28	24.65	< 30.00
1762.7	1774.7				23.14	24.51	< 30.00
1717.5	1729.5		P_1@74	S_0@0	22.91	24.28	< 30.00
1750.1	1762.1				23.02	24.39	< 30.00
1762.7	1774.7				22.89	24.26	< 30.00
1717.5	1729.5		P_75@0	S_50@0	21.88	23.25	< 30.00
1750.1	1762.1				21.94	23.31	< 30.00
1762.7	1774.7				21.68	23.05	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1715.5	1729.9	10+20	P_1@0	S_0@0	23.28	24.65	< 30.00
1745.6	1760				23.38	24.75	< 30.00
1755.6	1770				23.46	24.83	< 30.00
1715.5	1729.9		P_1@25	S_0@0	23.21	24.58	< 30.00
1745.6	1760				23.33	24.70	< 30.00
1755.6	1770				23.25	24.62	< 30.00
1715.5	1729.9		P_1@49	S_0@0	22.99	24.36	< 30.00
1745.6	1760				23.16	24.53	< 30.00
1755.6	1770				23.18	24.55	< 30.00
1715.5	1729.9		P_50@0	S_100@0	22.02	23.39	< 30.00
1745.6	1760				22.11	23.48	< 30.00
1755.6	1770				22.13	23.50	< 30.00
1720	1734.4	20+10	P_1@0	S_0@0	23.18	24.55	< 30.00
1750.1	1764.5				23.21	24.58	< 30.00
1760.1	1774.5				23.15	24.52	< 30.00
1720	1734.4		P_1@49	S_0@0	23.08	24.45	< 30.00
1750.1	1764.5				23.07	24.44	< 30.00
1760.1	1774.5				23.08	24.45	< 30.00
1720	1734.4		P_1@99	S_0@0	23.01	24.38	< 30.00
1750.1	1764.5				23.08	24.45	< 30.00
1760.1	1774.5				22.68	24.05	< 30.00
1720	1734.4		P_100@0	S_50@0	21.92	23.29	< 30.00
1750.1	1764.5				21.89	23.26	< 30.00
1760.1	1774.5				21.86	23.23	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1717.8	1734.9	15+20	P_1@0	S_0@0	23.22	24.59	< 30.00
1745.3	1762.4				23.16	24.53	< 30.00
1752.9	1770.0				23.15	24.52	< 30.00
1717.8	1734.9		P_1@38	S_0@0	23.08	24.45	< 30.00
1745.3	1762.4				23.18	24.55	< 30.00
1752.9	1770.0				23.11	24.48	< 30.00
1717.8	1734.9		P_1@74	S_0@0	22.96	24.33	< 30.00
1745.3	1762.4				22.99	24.36	< 30.00
1752.9	1770.0				22.98	24.35	< 30.00
1717.8	1734.9		P_75@0	S_100@0	21.87	23.24	< 30.00
1745.3	1762.4				22.13	23.50	< 30.00
1752.9	1770.0				21.99	23.36	< 30.00
1720.0	1737.1	20+15	P_1@0	S_0@0	23.28	24.65	< 30.00
1747.6	1764.7				23.14	24.51	< 30.00
1755.1	1772.2				23.13	24.50	< 30.00
1720.0	1737.1		P_1@49	S_0@0	23.20	24.57	< 30.00
1747.6	1764.7				23.02	24.39	< 30.00
1755.1	1772.2				22.99	24.36	< 30.00
1720.0	1737.1		P_1@99	S_0@0	23.10	24.47	< 30.00
1747.6	1764.7				23.01	24.38	< 30.00
1755.1	1772.2				22.86	24.23	< 30.00
1720.0	1737.1		P_100@	S_75@0	21.97	23.34	< 30.00
1747.6	1764.7				21.98	23.35	< 30.00
1755.1	1772.2				21.92	23.29	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1720.0	1731.7	20+5	P_1@0	S_0@0	23.29	24.66	< 30.00
1752.5	1764.2				23.22	24.59	< 30.00
1765.0	1776.7				23.09	24.46	< 30.00
1720.0	1731.7		P_1@49	S_0@0	23.12	24.49	< 30.00
1752.5	1764.2				23.09	24.46	< 30.00
1765.0	1776.7				23.06	24.43	< 30.00
1720.0	1731.7		P_1@99	S_0@0	22.99	24.36	< 30.00
1752.5	1764.2				22.85	24.22	< 30.00
1765.0	1776.7				22.82	24.19	< 30.00
1720.0	1731.7		P_100@0	S_25@0	21.90	23.27	< 30.00
1752.5	1764.2				21.92	23.29	< 30.00
1765.0	1776.7				21.64	23.01	< 30.00
1713.3	1725.0	5+20	P_1@0	S_0@0	23.16	24.53	< 30.00
1745.8	1757.5				23.31	24.68	< 30.00
1758.3	1770.0				23.28	24.65	< 30.00
1713.3	1725.0		P_1@13	S_0@0	23.32	24.69	< 30.00
1745.8	1757.5				23.28	24.65	< 30.00
1758.3	1770.0				23.25	24.62	< 30.00
1713.3	1725.0		P_1@24	S_0@0	23.21	24.58	< 30.00
1745.8	1757.5				23.18	24.55	< 30.00
1758.3	1770.0				23.12	24.49	< 30.00
1713.3	1725.0		P_25@0	S_100@0	21.95	23.32	< 30.00
1745.8	1757.5				22.02	23.39	< 30.00
1758.3	1770.0				21.80	23.17	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
QPSK							
1713.3	1725.0	15+15	P_1@0	S_0@0	23.24	24.61	< 30.00
1745.8	1757.5				23.27	24.64	< 30.00
1758.3	1770.0				23.15	24.52	< 30.00
1713.3	1725.0		P_1@38	S_0@0	23.19	24.56	< 30.00
1745.8	1757.5				23.20	24.57	< 30.00
1758.3	1770.0				23.08	24.45	< 30.00
1713.3	1725.0		P_1@74	S_0@0	23.02	24.39	< 30.00
1745.8	1757.5				23.03	24.40	< 30.00
1758.3	1770.0				23.01	24.38	< 30.00
1713.3	1725.0		P_75@0	S_75@0	22.01	23.38	< 30.00
1745.8	1757.5				22.05	23.42	< 30.00
1758.3	1770.0				22.08	23.45	< 30.00
1720.0	1739.8	20+20	P_1@0	S_0@0	23.31	24.68	< 30.00
1745.1	1764.9				23.09	24.46	< 30.00
1750.2	1770.0				23.14	24.51	< 30.00
1720.0	1739.8		P_1@49	S_0@0	23.13	24.50	< 30.00
1745.1	1764.9				23.18	24.55	< 30.00
1750.2	1770.0				23.12	24.49	< 30.00
1720.0	1739.8		P_1@99	S_0@0	23.17	24.54	< 30.00
1745.1	1764.9				23.12	24.49	< 30.00
1750.2	1770.0				23.06	24.43	< 30.00
1720.0	1739.8		P_100@0	S_100@0	22.02	23.39	< 30.00
1745.1	1764.9				22.09	23.46	< 30.00
1750.2	1770.0				22.10	23.47	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1715.3	1727.3	10+15	P_1@0	S_0@0	22.39	23.76	< 30.00
1747.9	1759.9				22.52	23.89	< 30.00
1760.5	1772.5				22.44	23.81	< 30.00
1715.3	1727.3		P_1@25	S_0@0	22.46	23.83	< 30.00
1747.9	1759.9				22.43	23.80	< 30.00
1760.5	1772.5				22.48	23.85	< 30.00
1715.3	1727.3		P_1@49	S_0@0	22.25	23.62	< 30.00
1747.9	1759.9				22.38	23.75	< 30.00
1760.5	1772.5				22.25	23.62	< 30.00
1715.3	1727.3		P_50@0	S_75@0	20.99	22.36	< 30.00
1747.9	1759.9				21.04	22.41	< 30.00
1760.5	1772.5				20.77	22.14	< 30.00
1717.5	1729.5	15+10	P_1@0	S_0@0	22.48	23.85	< 30.00
1750.1	1762.1				22.56	23.93	< 30.00
1762.7	1774.7				22.42	23.79	< 30.00
1717.5	1729.5		P_1@38	S_0@0	22.22	23.59	< 30.00
1750.1	1762.1				22.55	23.92	< 30.00
1762.7	1774.7				22.45	23.82	< 30.00
1717.5	1729.5		P_1@74	S_0@0	22.07	23.44	< 30.00
1750.1	1762.1				22.39	23.76	< 30.00
1762.7	1774.7				22.26	23.63	< 30.00
1717.5	1729.5		P_75@0	S_50@0	20.89	22.26	< 30.00
1750.1	1762.1				20.99	22.36	< 30.00
1762.7	1774.7				20.89	22.26	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1715.5	1729.9	10+20	P_1@0	S_0@0	22.45	23.82	< 30.00
1745.6	1760				22.64	24.01	< 30.00
1755.6	1770				22.66	24.03	< 30.00
1715.5	1729.9		P_1@25	S_0@0	22.56	23.93	< 30.00
1745.6	1760				22.43	23.80	< 30.00
1755.6	1770				22.44	23.81	< 30.00
1715.5	1729.9		P_1@49	S_0@0	22.11	23.48	< 30.00
1745.6	1760				22.29	23.66	< 30.00
1755.6	1770				22.35	23.72	< 30.00
1715.5	1729.9		P_50@0	S_100@0	21.06	22.43	< 30.00
1745.6	1760				21.11	22.48	< 30.00
1755.6	1770				21.14	22.51	< 30.00
1720	1734.4	20+10	P_1@0	S_0@0	22.68	24.05	< 30.00
1750.1	1764.5				22.23	23.60	< 30.00
1760.1	1774.5				22.49	23.86	< 30.00
1720	1734.4		P_1@49	S_0@0	22.52	23.89	< 30.00
1750.1	1764.5				22.39	23.76	< 30.00
1760.1	1774.5				22.21	23.58	< 30.00
1720	1734.4		P_1@99	S_0@0	22.43	23.80	< 30.00
1750.1	1764.5				22.12	23.49	< 30.00
1760.1	1774.5				21.98	23.35	< 30.00
1720	1734.4		P_100@0	S_50@0	20.95	22.32	< 30.00
1750.1	1764.5				20.94	22.31	< 30.00
1760.1	1774.5				21.03	22.40	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1717.8	1734.9	15+20	P_1@0	S_0@0	22.54	23.91	< 30.00
1745.3	1762.4				22.41	23.78	< 30.00
1752.9	1770.0				22.47	23.84	< 30.00
1717.8	1734.9		P_1@38	S_0@0	22.43	23.80	< 30.00
1745.3	1762.4				22.48	23.85	< 30.00
1752.9	1770.0				22.35	23.72	< 30.00
1717.8	1734.9		P_1@74	S_0@0	22.23	23.60	< 30.00
1745.3	1762.4				22.28	23.65	< 30.00
1752.9	1770.0				22.39	23.76	< 30.00
1717.8	1734.9		P_75@0	S_100@0	20.90	22.27	< 30.00
1745.3	1762.4				21.12	22.49	< 30.00
1752.9	1770.0				20.98	22.35	< 30.00
1720.0	1737.1	20+15	P_1@0	S_0@0	22.45	23.82	< 30.00
1747.6	1764.7				22.38	23.75	< 30.00
1755.1	1772.2				22.48	23.85	< 30.00
1720.0	1737.1		P_1@49	S_0@0	22.51	23.88	< 30.00
1747.6	1764.7				22.21	23.58	< 30.00
1755.1	1772.2				22.35	23.72	< 30.00
1720.0	1737.1		P_1@99	S_0@0	22.14	23.51	< 30.00
1747.6	1764.7				22.42	23.79	< 30.00
1755.1	1772.2				22.19	23.56	< 30.00
1720.0	1737.1		P_100@	S_75@0	20.97	22.34	< 30.00
1747.6	1764.7				21.00	22.37	< 30.00
1755.1	1772.2				21.03	22.40	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1720.0	1731.7	20+5	P_1@0	S_0@0	22.24	23.61	< 30.00
1752.5	1764.2				22.34	23.71	< 30.00
1765.0	1776.7				22.57	23.94	< 30.00
1720.0	1731.7		P_1@49	S_0@0	22.41	23.78	< 30.00
1752.5	1764.2				22.25	23.62	< 30.00
1765.0	1776.7				22.39	23.76	< 30.00
1720.0	1731.7		P_1@99	S_0@0	22.34	23.71	< 30.00
1752.5	1764.2				22.08	23.45	< 30.00
1765.0	1776.7				22.06	23.43	< 30.00
1720.0	1731.7		P_100@0	S_25@0	20.82	22.19	< 30.00
1752.5	1764.2				20.96	22.33	< 30.00
1765.0	1776.7				20.62	21.99	< 30.00
1713.3	1725.0	5+20	P_1@0	S_0@0	22.49	23.86	< 30.00
1745.8	1757.5				22.33	23.70	< 30.00
1758.3	1770.0				22.44	23.81	< 30.00
1713.3	1725.0		P_1@13	S_0@0	22.38	23.75	< 30.00
1745.8	1757.5				22.54	23.91	< 30.00
1758.3	1770.0				22.56	23.93	< 30.00
1713.3	1725.0		P_1@24	S_0@0	22.28	23.65	< 30.00
1745.8	1757.5				22.44	23.81	< 30.00
1758.3	1770.0				22.47	23.84	< 30.00
1713.3	1725.0		P_25@0	S_100@0	21.02	22.39	< 30.00
1745.8	1757.5				21.06	22.43	< 30.00
1758.3	1770.0				20.89	22.26	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
16QAM							
1713.3	1725.0	15+15	P_1@0	S_0@0	22.52	23.89	< 30.00
1745.8	1757.5				22.56	23.93	< 30.00
1758.3	1770.0				22.44	23.81	< 30.00
1713.3	1725.0		P_1@38	S_0@0	22.36	23.73	< 30.00
1745.8	1757.5				22.44	23.81	< 30.00
1758.3	1770.0				22.27	23.64	< 30.00
1713.3	1725.0		P_1@74	S_0@0	22.32	23.69	< 30.00
1745.8	1757.5				22.27	23.64	< 30.00
1758.3	1770.0				22.29	23.66	< 30.00
1713.3	1725.0		P_75@0	S_75@0	21.02	22.39	< 30.00
1745.8	1757.5				21.06	22.43	< 30.00
1758.3	1770.0				21.12	22.49	< 30.00
1720.0	1739.8	20+20	P_1@0	S_0@0	22.64	24.01	< 30.00
1745.1	1764.9				22.51	23.88	< 30.00
1750.2	1770.0				22.24	23.61	< 30.00
1720.0	1739.8		P_1@49	S_0@0	22.63	24.00	< 30.00
1745.1	1764.9				22.46	23.83	< 30.00
1750.2	1770.0				22.17	23.54	< 30.00
1720.0	1739.8		P_1@99	S_0@0	22.33	23.70	< 30.00
1745.1	1764.9				22.21	23.58	< 30.00
1750.2	1770.0				22.35	23.72	< 30.00
1720.0	1739.8		P_100@0	S_100@0	21.04	22.41	< 30.00
1745.1	1764.9				21.08	22.45	< 30.00
1750.2	1770.0				21.11	22.48	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1715.3	1727.3	10+15	P_1@0	S_0@0	21.61	22.98	< 30.00
1747.9	1759.9				21.63	23.00	< 30.00
1760.5	1772.5				21.59	22.96	< 30.00
1715.3	1727.3		P_1@25	S_0@0	21.41	22.78	< 30.00
1747.9	1759.9				21.46	22.83	< 30.00
1760.5	1772.5				21.52	22.89	< 30.00
1715.3	1727.3		P_1@49	S_0@0	21.29	22.66	< 30.00
1747.9	1759.9				21.33	22.70	< 30.00
1760.5	1772.5				21.37	22.74	< 30.00
1715.3	1727.3		P_50@0	S_75@0	20.34	21.71	< 30.00
1747.9	1759.9				20.57	21.94	< 30.00
1760.5	1772.5				20.25	21.62	< 30.00
1717.5	1729.5	15+10	P_1@0	S_0@0	21.55	22.92	< 30.00
1750.1	1762.1				21.49	22.86	< 30.00
1762.7	1774.7				21.52	22.89	< 30.00
1717.5	1729.5		P_1@38	S_0@0	21.35	22.72	< 30.00
1750.1	1762.1				21.53	22.90	< 30.00
1762.7	1774.7				21.49	22.86	< 30.00
1717.5	1729.5		P_1@74	S_0@0	21.27	22.64	< 30.00
1750.1	1762.1				21.43	22.80	< 30.00
1762.7	1774.7				21.52	22.89	< 30.00
1717.5	1729.5		P_75@0	S_50@0	20.32	21.69	< 30.00
1750.1	1762.1				20.73	22.10	< 30.00
1762.7	1774.7				20.27	21.64	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1715.5	1729.9	10+20	P_1@0	S_0@0	21.53	22.90	< 30.00
1745.6	1760				21.58	22.95	< 30.00
1755.6	1770				21.69	23.06	< 30.00
1715.5	1729.9		P_1@25	S_0@0	21.47	22.84	< 30.00
1745.6	1760				21.55	22.92	< 30.00
1755.6	1770				21.63	23.00	< 30.00
1715.5	1729.9		P_1@49	S_0@0	21.42	22.79	< 30.00
1745.6	1760				21.34	22.71	< 30.00
1755.6	1770				21.27	22.64	< 30.00
1715.5	1729.9		P_50@0	S_100@0	20.54	21.91	< 30.00
1745.6	1760				20.49	21.86	< 30.00
1755.6	1770				20.55	21.92	< 30.00
1720	1734.4	20+10	P_1@0	S_0@0	21.56	22.93	< 30.00
1750.1	1764.5				21.45	22.82	< 30.00
1760.1	1774.5				21.51	22.88	< 30.00
1720	1734.4		P_1@49	S_0@0	21.41	22.78	< 30.00
1750.1	1764.5				21.43	22.80	< 30.00
1760.1	1774.5				21.36	22.73	< 30.00
1720	1734.4		P_1@99	S_0@0	21.34	22.71	< 30.00
1750.1	1764.5				21.36	22.73	< 30.00
1760.1	1774.5				21.15	22.52	< 30.00
1720	1734.4		P_100@0	S_50@0	20.23	21.60	< 30.00
1750.1	1764.5				20.54	21.91	< 30.00
1760.1	1774.5				20.38	21.75	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1717.8	1734.9	15+20	P_1@0	S_0@0	21.34	22.71	< 30.00
1745.3	1762.4				21.52	22.89	< 30.00
1752.9	1770.0				21.49	22.86	< 30.00
1717.8	1734.9		P_1@38	S_0@0	21.47	22.84	< 30.00
1745.3	1762.4				21.44	22.81	< 30.00
1752.9	1770.0				21.65	23.02	< 30.00
1717.8	1734.9		P_1@74	S_0@0	21.83	23.20	< 30.00
1745.3	1762.4				21.47	22.84	< 30.00
1752.9	1770.0				21.43	22.80	< 30.00
1717.8	1734.9		P_75@0	S_100@0	20.51	21.88	< 30.00
1745.3	1762.4				20.31	21.68	< 30.00
1752.9	1770.0				20.62	21.99	< 30.00
1720.0	1737.1	20+15	P_1@0	S_0@0	21.62	22.99	< 30.00
1747.6	1764.7				21.46	22.83	< 30.00
1755.1	1772.2				21.38	22.75	< 30.00
1720.0	1737.1		P_1@49	S_0@0	21.44	22.81	< 30.00
1747.6	1764.7				21.36	22.73	< 30.00
1755.1	1772.2				21.43	22.80	< 30.00
1720.0	1737.1		P_1@99	S_0@0	21.28	22.65	< 30.00
1747.6	1764.7				21.22	22.59	< 30.00
1755.1	1772.2				21.02	22.39	< 30.00
1720.0	1737.1		P_100@	S_75@0	20.10	21.47	< 30.00
1747.6	1764.7				20.24	21.61	< 30.00
1755.1	1772.2				20.28	21.65	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1720.0	1731.7	20+5	P_1@0	S_0@0	21.45	22.82	< 30.00
1752.5	1764.2				21.36	22.73	< 30.00
1765.0	1776.7				21.38	22.75	< 30.00
1720.0	1731.7		P_1@49	S_0@0	21.35	22.72	< 30.00
1752.5	1764.2				21.44	22.81	< 30.00
1765.0	1776.7				21.34	22.71	< 30.00
1720.0	1731.7		P_1@99	S_0@0	21.34	22.71	< 30.00
1752.5	1764.2				21.13	22.50	< 30.00
1765.0	1776.7				21.04	22.41	< 30.00
1720.0	1731.7		P_100@0	S_25@0	19.91	21.28	< 30.00
1752.5	1764.2				20.24	21.61	< 30.00
1765.0	1776.7				19.98	21.35	< 30.00
1713.3	1725.0	5+20	P_1@0	S_0@0	21.39	22.76	< 30.00
1745.8	1757.5				21.54	22.91	< 30.00
1758.3	1770.0				21.53	22.90	< 30.00
1713.3	1725.0		P_1@13	S_0@0	21.44	22.81	< 30.00
1745.8	1757.5				21.52	22.89	< 30.00
1758.3	1770.0				21.54	22.91	< 30.00
1713.3	1725.0		P_1@24	S_0@0	21.34	22.71	< 30.00
1745.8	1757.5				21.39	22.76	< 30.00
1758.3	1770.0				21.54	22.91	< 30.00
1713.3	1725.0		P_25@0	S_100@0	20.46	21.83	< 30.00
1745.8	1757.5				20.34	21.71	< 30.00
1758.3	1770.0				20.32	21.69	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
64QAM							
1713.3	1725.0	15+15	P_1@0	S_0@0	21.66	23.03	< 30.00
1745.8	1757.5				21.64	23.01	< 30.00
1758.3	1770.0				21.48	22.85	< 30.00
1713.3	1725.0		P_1@38	S_0@0	21.57	22.94	< 30.00
1745.8	1757.5				21.48	22.85	< 30.00
1758.3	1770.0				21.65	23.02	< 30.00
1713.3	1725.0		P_1@74	S_0@0	21.65	23.02	< 30.00
1745.8	1757.5				21.51	22.88	< 30.00
1758.3	1770.0				21.46	22.83	< 30.00
1713.3	1725.0		P_75@0	S_75@0	20.28	21.65	< 30.00
1745.8	1757.5				20.48	21.85	< 30.00
1758.3	1770.0				20.38	21.75	< 30.00
1720.0	1739.8	20+20	P_1@0	S_0@0	21.57	22.94	< 30.00
1745.1	1764.9				21.41	22.78	< 30.00
1750.2	1770.0				21.47	22.84	< 30.00
1720.0	1739.8		P_1@49	S_0@0	21.62	22.99	< 30.00
1745.1	1764.9				21.35	22.72	< 30.00
1750.2	1770.0				21.43	22.80	< 30.00
1720.0	1739.8		P_1@99	S_0@0	21.32	22.69	< 30.00
1745.1	1764.9				21.41	22.78	< 30.00
1750.2	1770.0				21.42	22.79	< 30.00
1720.0	1739.8		P_100@0	S_100@0	20.09	21.46	< 30.00
1745.1	1764.9				20.33	21.70	< 30.00
1750.2	1770.0				20.36	21.73	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1715.3	1727.3	10+15	P_1@0	S_0@0	18.52	19.89	< 30.00
1747.9	1759.9				18.68	20.05	< 30.00
1760.5	1772.5				18.57	19.94	< 30.00
1715.3	1727.3		P_1@25	S_0@0	18.43	19.80	< 30.00
1747.9	1759.9				18.42	19.79	< 30.00
1760.5	1772.5				18.51	19.88	< 30.00
1715.3	1727.3		P_1@49	S_0@0	18.33	19.70	< 30.00
1747.9	1759.9				18.36	19.73	< 30.00
1760.5	1772.5				18.31	19.68	< 30.00
1715.3	1727.3		P_50@0	S_75@0	18.97	20.34	< 30.00
1747.9	1759.9				19.03	20.40	< 30.00
1760.5	1772.5				18.84	20.21	< 30.00
1717.5	1729.5	15+10	P_1@0	S_0@0	18.56	19.93	< 30.00
1750.1	1762.1				18.58	19.95	< 30.00
1762.7	1774.7				18.69	20.06	< 30.00
1717.5	1729.5		P_1@38	S_0@0	18.45	19.82	< 30.00
1750.1	1762.1				18.57	19.94	< 30.00
1762.7	1774.7				18.45	19.82	< 30.00
1717.5	1729.5		P_1@74	S_0@0	18.16	19.53	< 30.00
1750.1	1762.1				18.39	19.76	< 30.00
1762.7	1774.7				18.29	19.66	< 30.00
1717.5	1729.5		P_75@0	S_50@0	18.92	20.29	< 30.00
1750.1	1762.1				18.96	20.33	< 30.00
1762.7	1774.7				18.83	20.20	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1715.5	1729.9	10+20	P_1@0	S_0@0	18.48	19.85	< 30.00
1745.6	1760				18.51	19.88	< 30.00
1755.6	1770				18.54	19.91	< 30.00
1715.5	1729.9		P_1@25	S_0@0	18.34	19.71	< 30.00
1745.6	1760				18.58	19.95	< 30.00
1755.6	1770				18.59	19.96	< 30.00
1715.5	1729.9		P_1@49	S_0@0	18.34	19.71	< 30.00
1745.6	1760				18.45	19.82	< 30.00
1755.6	1770				18.57	19.94	< 30.00
1715.5	1729.9		P_50@0	S_100@0	19.03	20.40	< 30.00
1745.6	1760				19.11	20.48	< 30.00
1755.6	1770				19.10	20.47	< 30.00
1720	1734.4	20+10	P_1@0	S_0@0	19.52	20.89	< 30.00
1750.1	1764.5				18.64	20.01	< 30.00
1760.1	1774.5				18.52	19.89	< 30.00
1720	1734.4		P_1@49	S_0@0	18.43	19.80	< 30.00
1750.1	1764.5				18.49	19.86	< 30.00
1760.1	1774.5				18.43	19.80	< 30.00
1720	1734.4		P_1@99	S_0@0	18.48	19.85	< 30.00
1750.1	1764.5				18.26	19.63	< 30.00
1760.1	1774.5				18.28	19.65	< 30.00
1720	1734.4		P_100@0	S_50@0	18.94	20.31	< 30.00
1750.1	1764.5				18.97	20.34	< 30.00
1760.1	1774.5				18.96	20.33	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

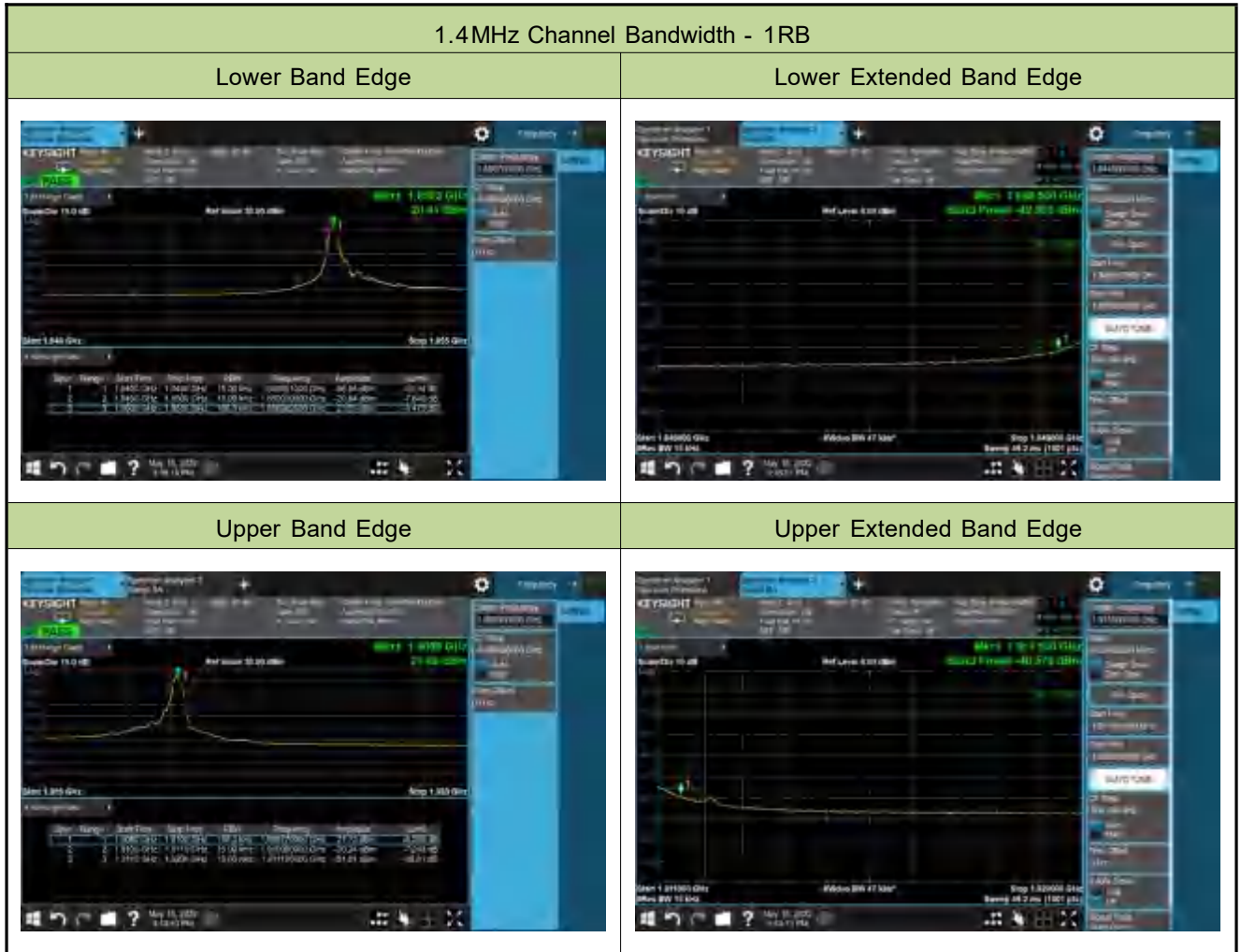
Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1717.8	1734.9	15+20	P_1@0	S_0@0	18.46	19.83	< 30.00
1745.3	1762.4				18.37	19.74	< 30.00
1752.9	1770.0				18.43	19.80	< 30.00
1717.8	1734.9		P_1@38	S_0@0	18.42	19.79	< 30.00
1745.3	1762.4				18.58	19.95	< 30.00
1752.9	1770.0				18.57	19.94	< 30.00
1717.8	1734.9		P_1@74	S_0@0	18.82	20.19	< 30.00
1745.3	1762.4				18.47	19.84	< 30.00
1752.9	1770.0				18.48	19.85	< 30.00
1717.8	1734.9		P_75@0	S_100@0	18.91	20.28	< 30.00
1745.3	1762.4				19.16	20.53	< 30.00
1752.9	1770.0				18.99	20.36	< 30.00
1720.0	1737.1	20+15	P_1@0	S_0@0	18.53	19.90	< 30.00
1747.6	1764.7				18.62	19.99	< 30.00
1755.1	1772.2				18.67	20.04	< 30.00
1720.0	1737.1		P_1@49	S_0@0	18.35	19.72	< 30.00
1747.6	1764.7				18.39	19.76	< 30.00
1755.1	1772.2				18.55	19.92	< 30.00
1720.0	1737.1		P_1@99	S_0@0	18.28	19.65	< 30.00
1747.6	1764.7				18.41	19.78	< 30.00
1755.1	1772.2				18.15	19.52	< 30.00
1720.0	1737.1		P_100@	S_75@0	18.98	20.35	< 30.00
1747.6	1764.7				19.01	20.38	< 30.00
1755.1	1772.2				18.99	20.36	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

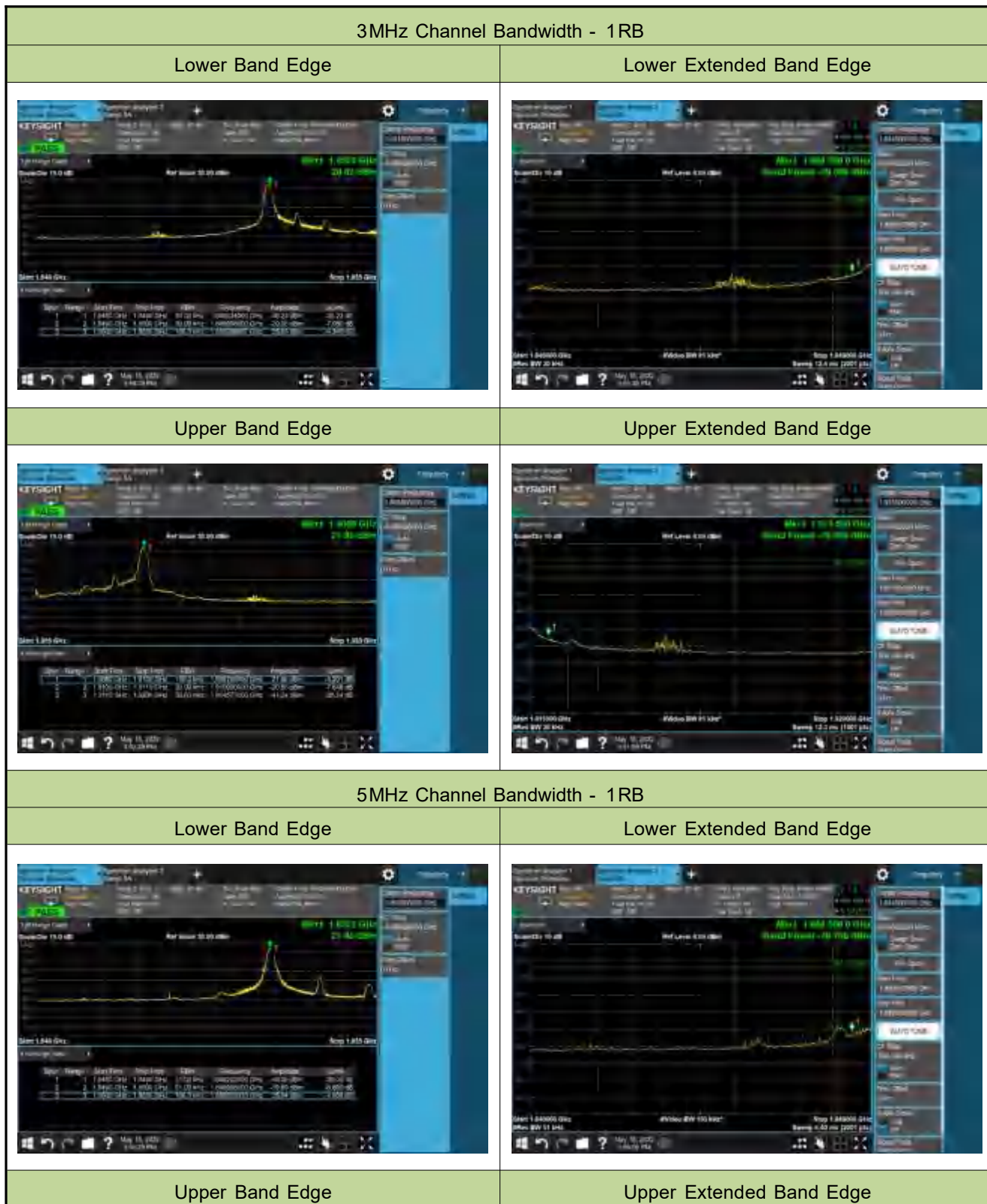
Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1720.0	1731.7	20+5	P_1@0	S_0@0	18.54	19.91	< 30.00
1752.5	1764.2				18.58	19.95	< 30.00
1765.0	1776.7				18.48	19.85	< 30.00
1720.0	1731.7		P_1@49	S_0@0	18.34	19.71	< 30.00
1752.5	1764.2				18.39	19.76	< 30.00
1765.0	1776.7				18.36	19.73	< 30.00
1720.0	1731.7		P_1@99	S_0@0	18.41	19.78	< 30.00
1752.5	1764.2				18.44	19.81	< 30.00
1765.0	1776.7				18.42	19.79	< 30.00
1720.0	1731.7		P_100@0	S_25@0	18.87	20.24	< 30.00
1752.5	1764.2				18.96	20.33	< 30.00
1765.0	1776.7				18.61	19.98	< 30.00
1713.3	1725.0	5+20	P_1@0	S_0@0	18.42	19.79	< 30.00
1745.8	1757.5				18.52	19.89	< 30.00
1758.3	1770.0				18.55	19.92	< 30.00
1713.3	1725.0		P_1@13	S_0@0	18.47	19.84	< 30.00
1745.8	1757.5				18.56	19.93	< 30.00
1758.3	1770.0				18.55	19.92	< 30.00
1713.3	1725.0		P_1@24	S_0@0	18.34	19.71	< 30.00
1745.8	1757.5				18.37	19.74	< 30.00
1758.3	1770.0				18.46	19.83	< 30.00
1713.3	1725.0		P_25@0	S_100@0	19.02	20.39	< 30.00
1745.8	1757.5				19.06	20.43	< 30.00
1758.3	1770.0				18.83	20.20	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Frequency (MHz)		Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
PCC	SCC						
256QAM							
1713.3	1725.0	15+15	P_1@0	S_0@0	18.46	19.83	< 30.00
1745.8	1757.5				18.58	19.95	< 30.00
1758.3	1770.0				18.92	20.29	< 30.00
1713.3	1725.0		P_1@38	S_0@0	18.53	19.90	< 30.00
1745.8	1757.5				18.55	19.92	< 30.00
1758.3	1770.0				18.63	20.00	< 30.00
1713.3	1725.0		P_1@74	S_0@0	18.33	19.70	< 30.00
1745.8	1757.5				18.63	20.00	< 30.00
1758.3	1770.0				18.56	19.93	< 30.00
1713.3	1725.0		P_75@0	S_75@0	19.01	20.38	< 30.00
1745.8	1757.5				19.09	20.46	< 30.00
1758.3	1770.0				19.06	20.43	< 30.00
1720.0	1739.8	20+20	P_1@0	S_0@0	18.68	20.05	< 30.00
1745.1	1764.9				18.73	20.10	< 30.00
1750.2	1770.0				18.62	19.99	< 30.00
1720.0	1739.8		P_1@49	S_0@0	18.59	19.96	< 30.00
1745.1	1764.9				18.58	19.95	< 30.00
1750.2	1770.0				18.52	19.89	< 30.00
1720.0	1739.8		P_1@99	S_0@0	18.34	19.71	< 30.00
1745.1	1764.9				18.46	19.83	< 30.00
1750.2	1770.0				18.41	19.78	< 30.00
1720.0	1739.8		P_100@0	S_100@0	19.03	20.40	< 30.00
1745.1	1764.9				19.08	20.45	< 30.00
1750.2	1770.0				19.09	20.46	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

A.4 Band Edge Test Result

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/18	Test Band	LTE Band 2/25







10MHz Channel Bandwidth - 1RB

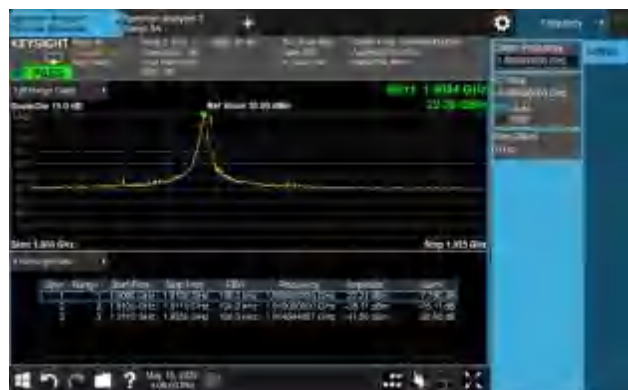
Lower Band Edge

Lower Extended Band Edge



Upper Band Edge

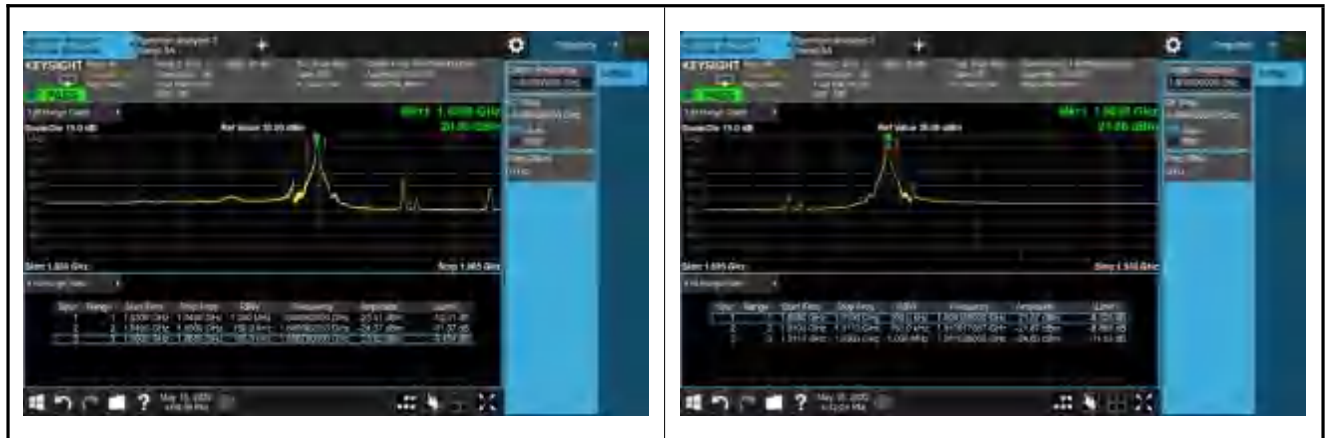
Upper Extended Band Edge

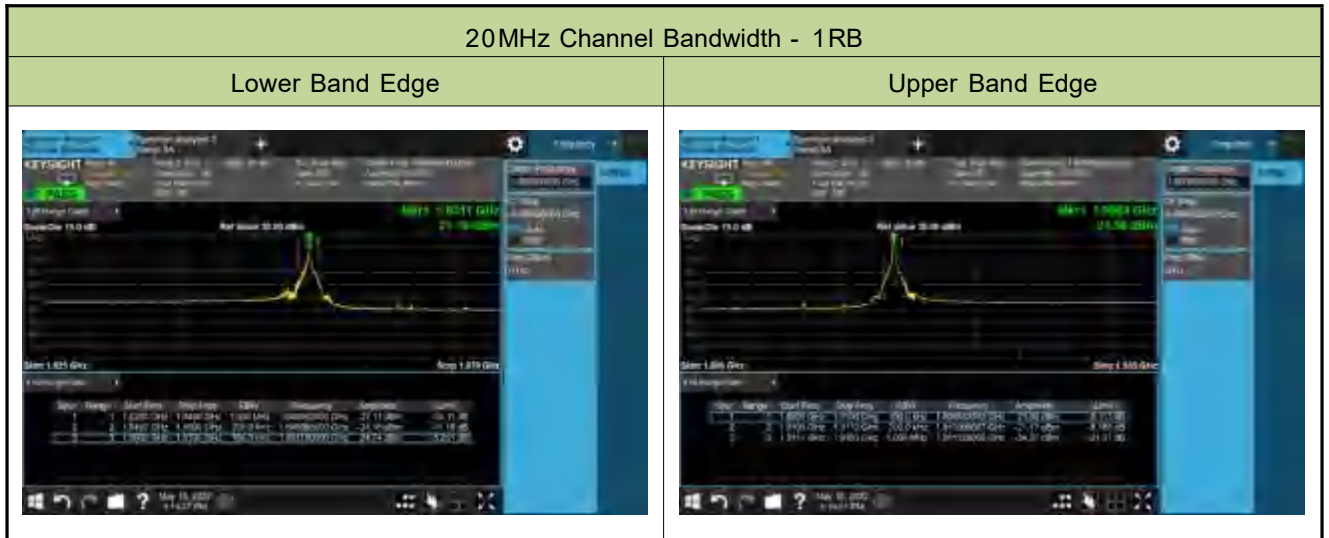


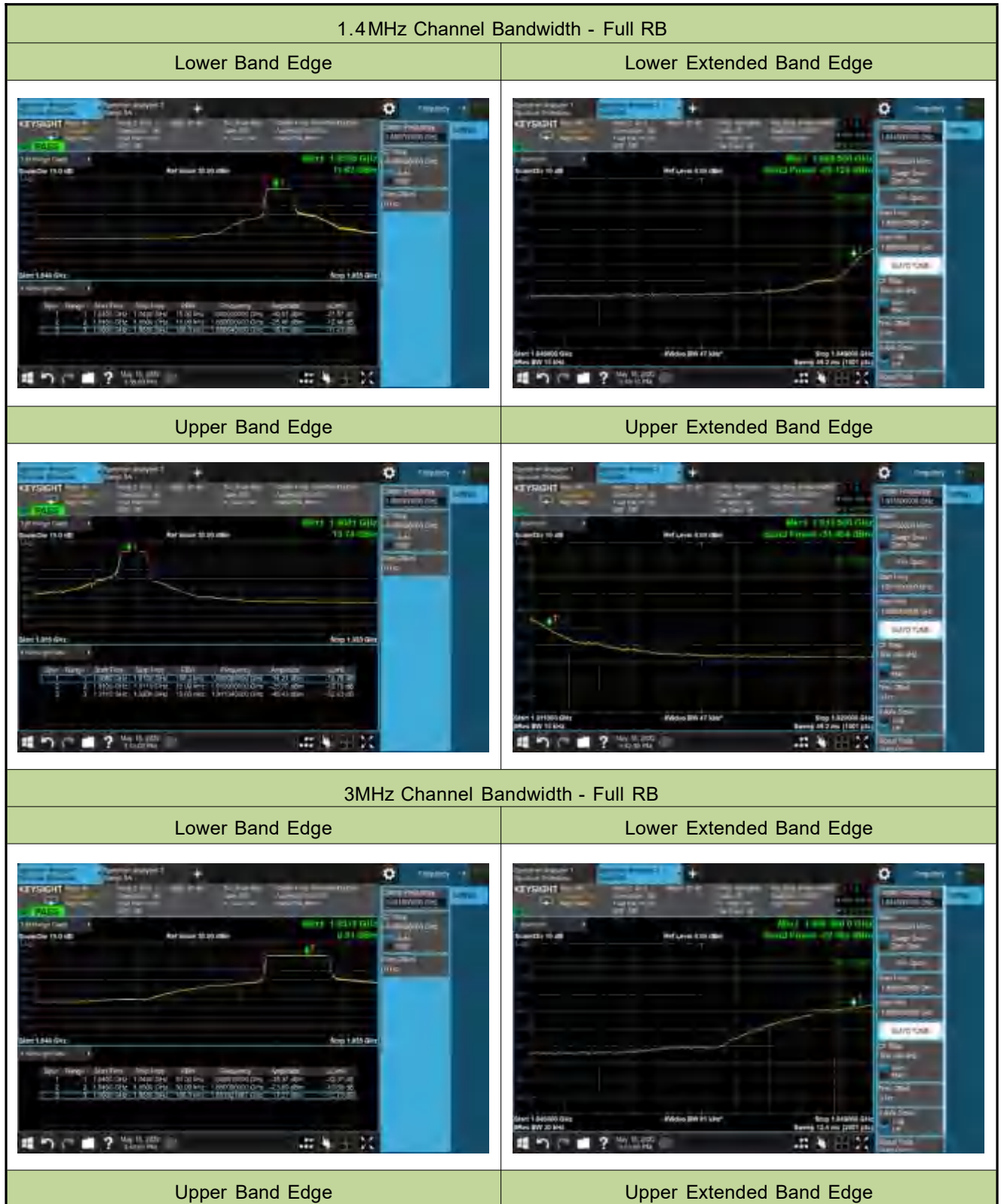
15MHz Channel Bandwidth - 1RB

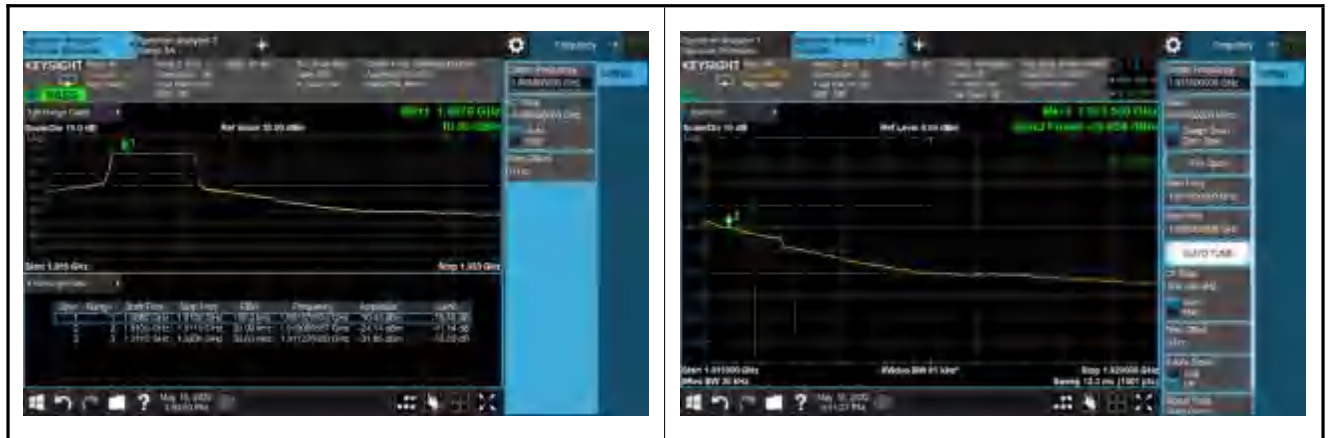
Lower Band Edge

Upper Band Edge









5MHz Channel Bandwidth - Full RB

Lower Band Edge



Lower Extended Band Edge



Upper Band Edge



Upper Extended Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



15MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



20MHz Channel Bandwidth - Full RB

Lower Band Edge



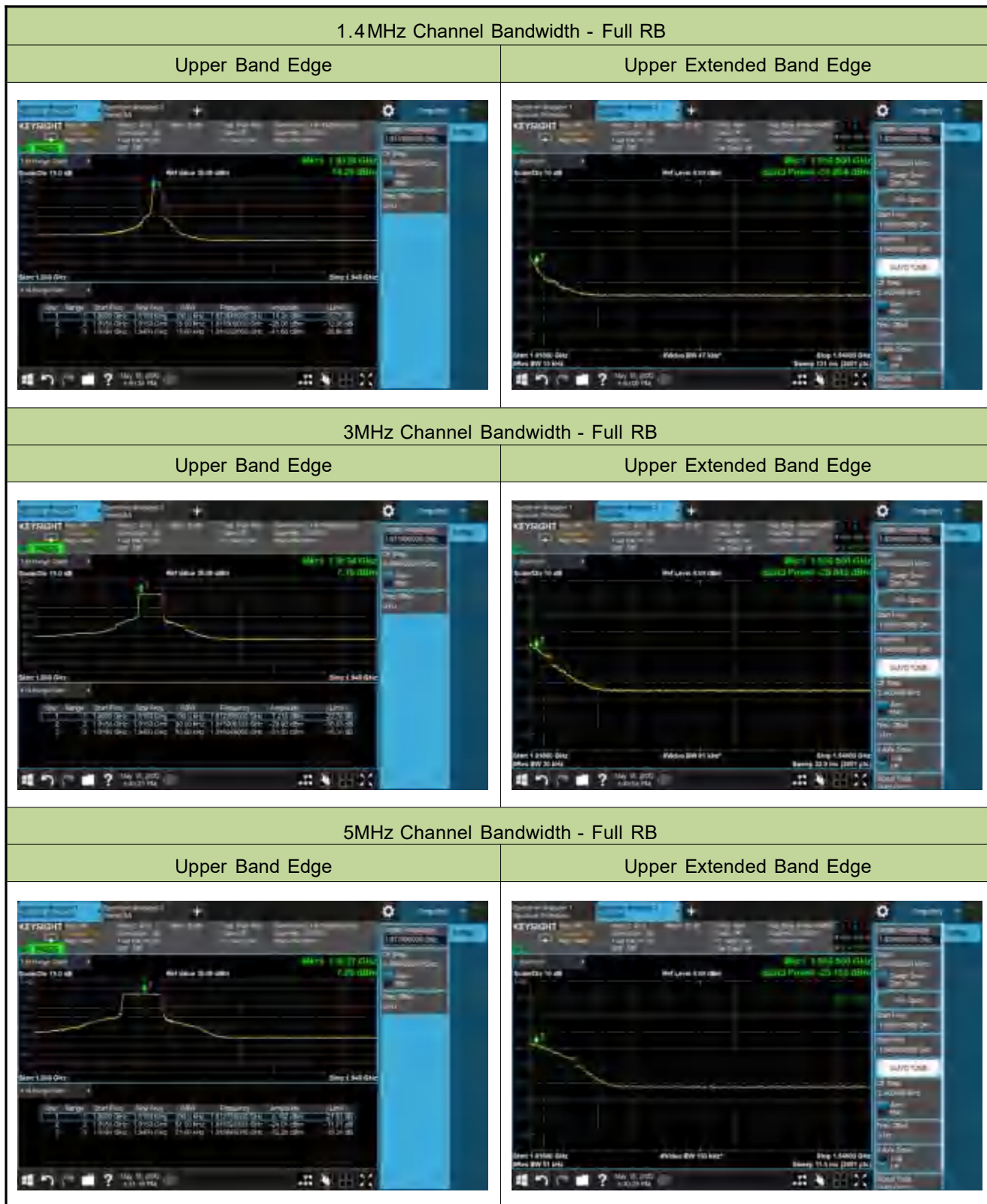
Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/18	Test Band	LTE Band 25

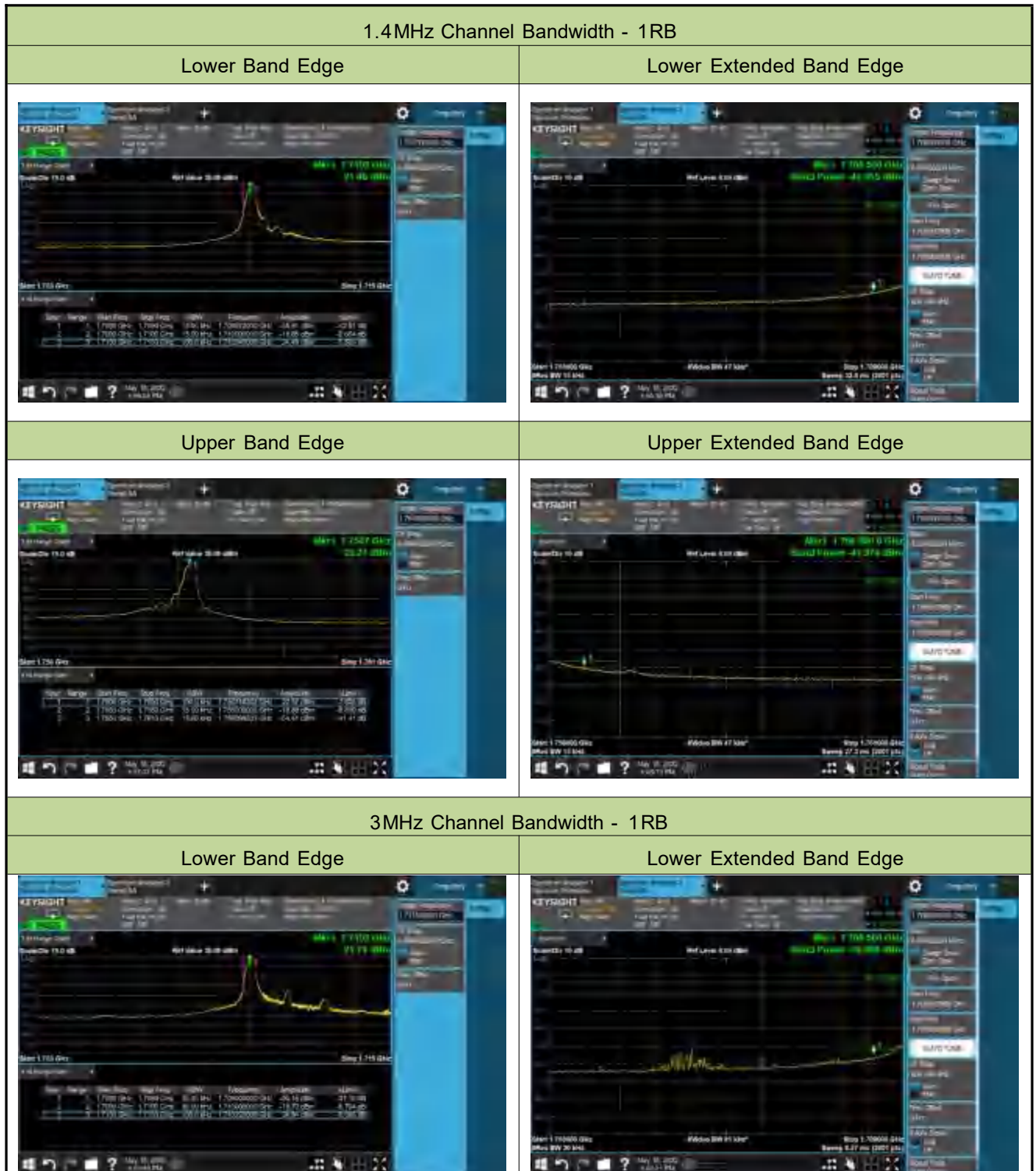
1.4MHz Channel Bandwidth - 1RB	
Upper Band Edge	Upper Extended Band Edge
	
3MHz Channel Bandwidth - 1RB	
Upper Band Edge	Upper Extended Band Edge
	
5MHz Channel Bandwidth - 1RB	
Upper Band Edge	Upper Extended Band Edge
	

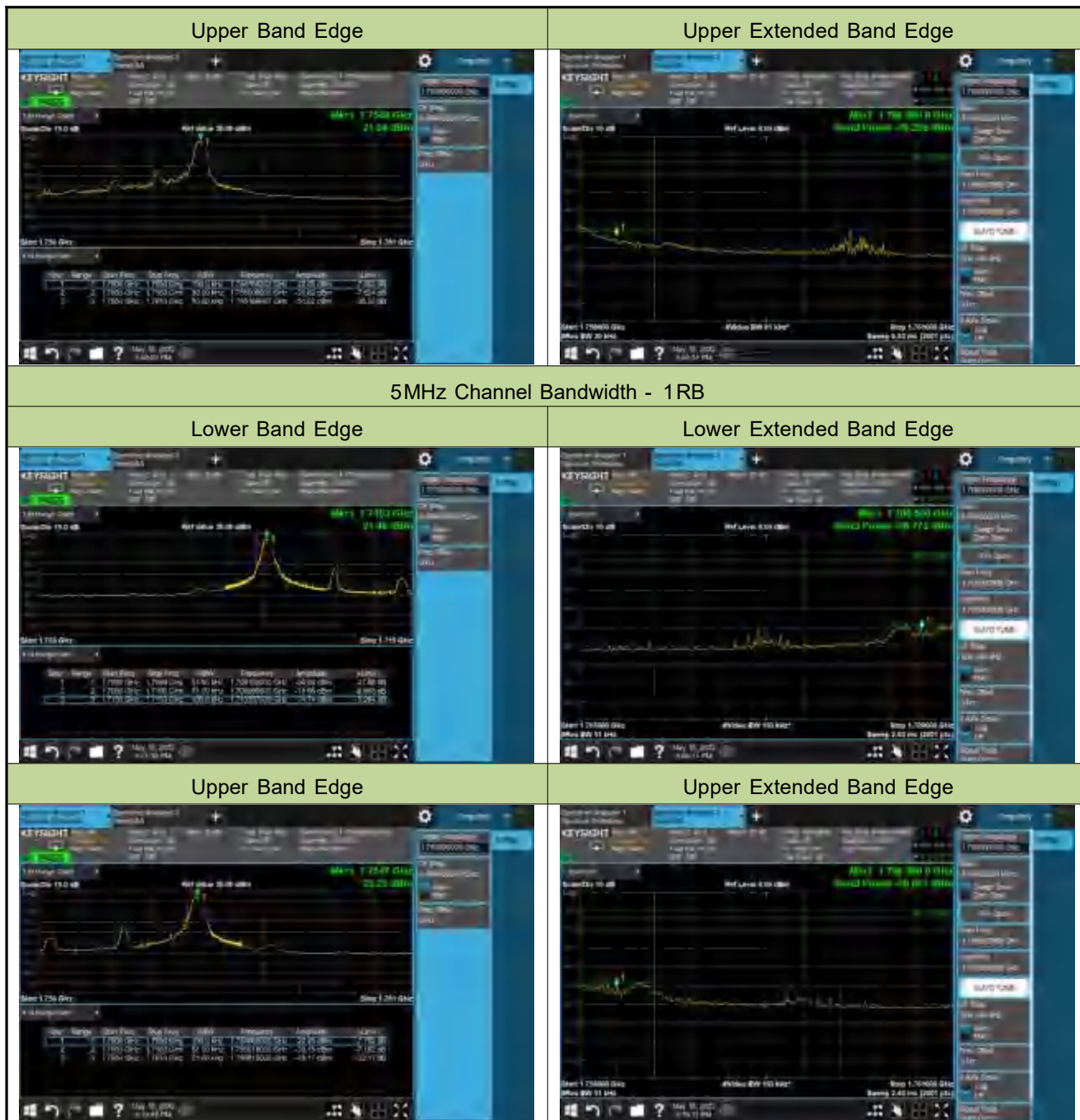
10MHz Channel Bandwidth - 1RB	
Upper Band Edge	Upper Extended Band Edge
	
15MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	
20MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	



10MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	
15MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	
20MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/04/26 ~ 2022/05/19	Test Band	LTE Band 4/66





10MHz Channel Bandwidth - 1RB

Lower Band Edge



Lower Extended Band Edge



Upper Band Edge



Upper Extended Band Edge



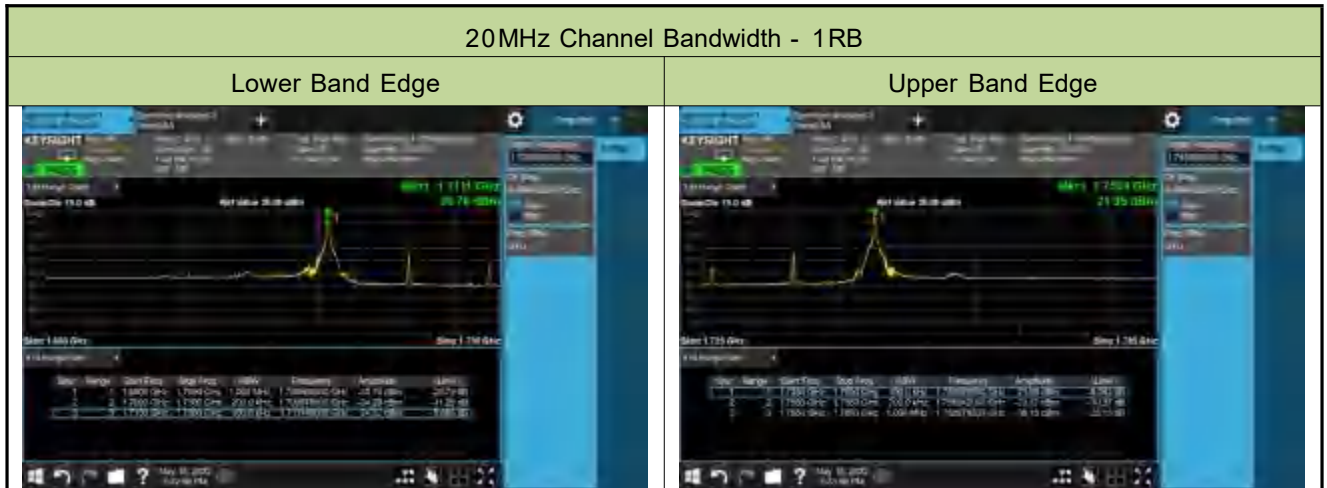
15MHz Channel Bandwidth - 1RB

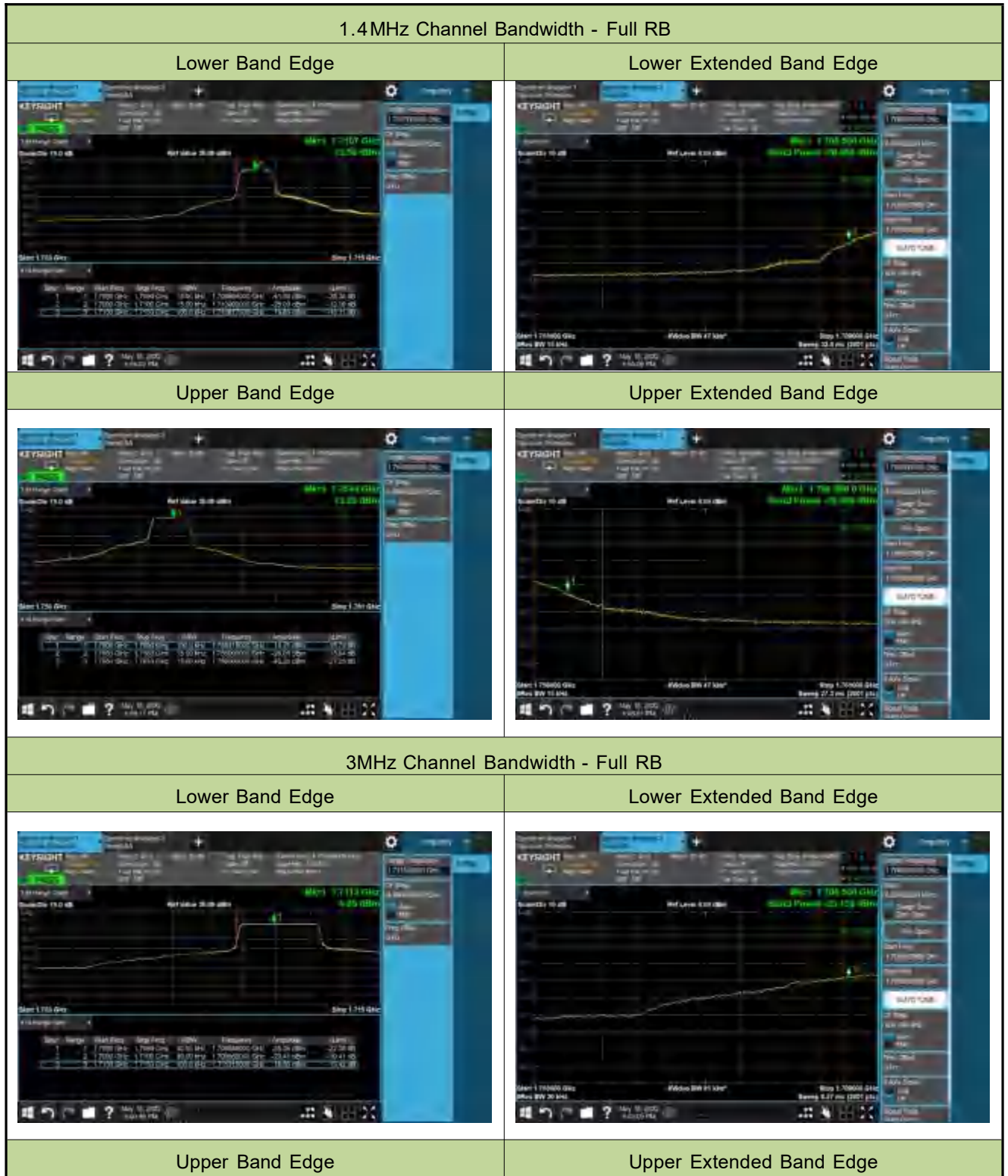
Lower Band Edge



Upper Band Edge









5 MHz Channel Bandwidth - Full RB

Lower Band Edge

Lower Extended Band Edge



Upper Band Edge

Upper Extended Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



Upper Extended Band Edge



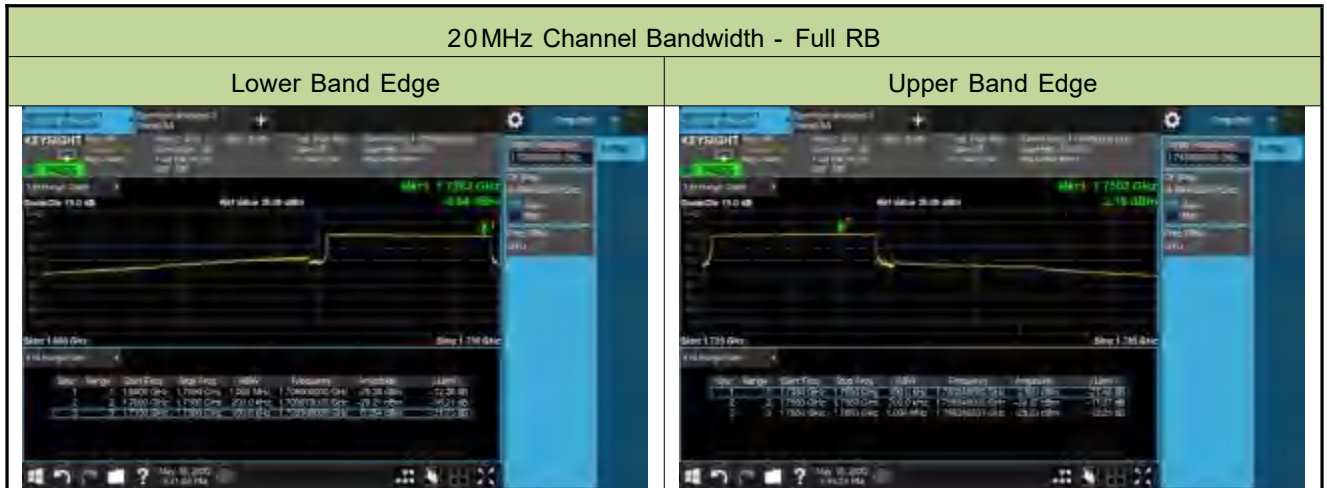
15MHz Channel Bandwidth - Full RB

Lower Band Edge

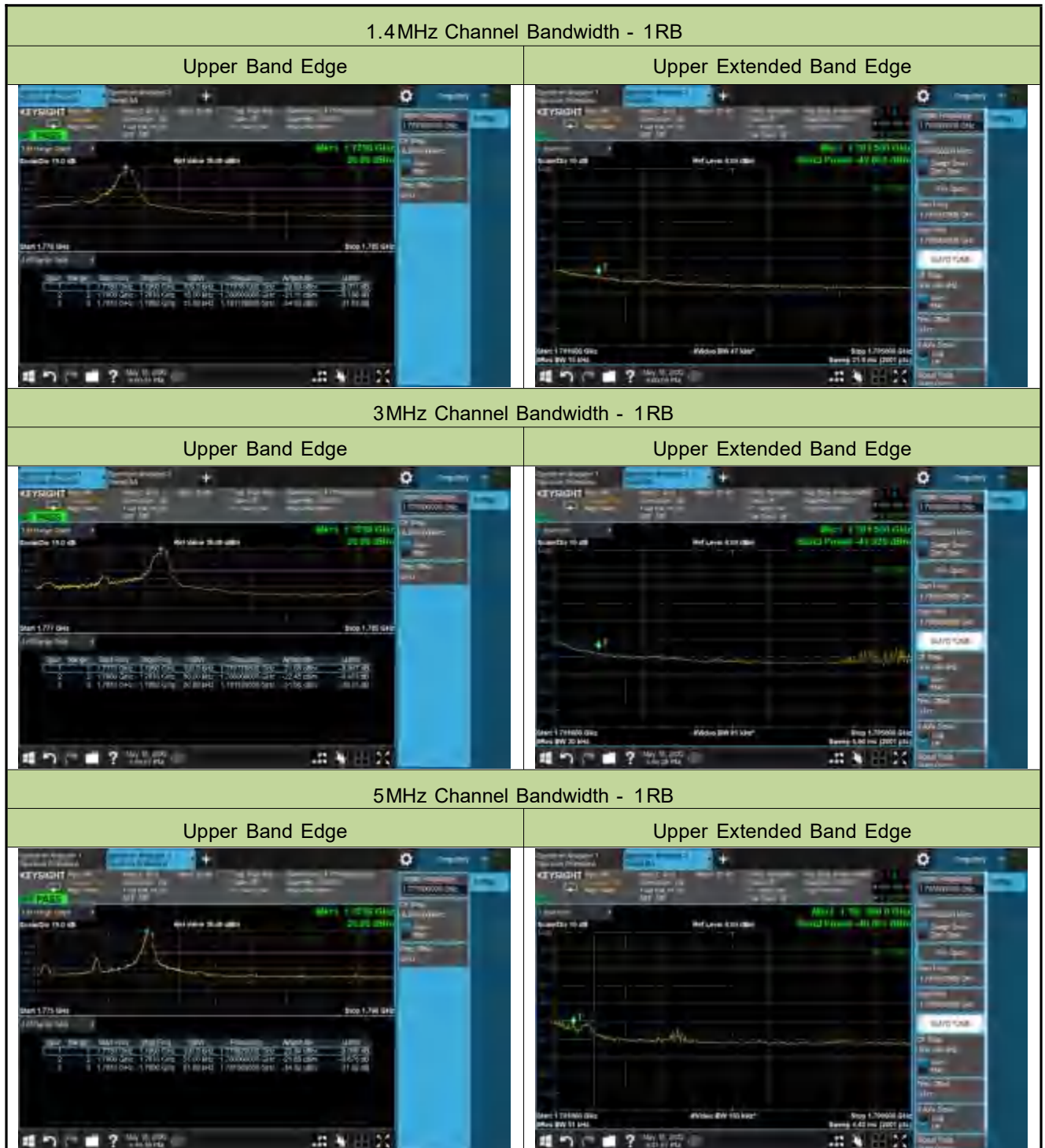


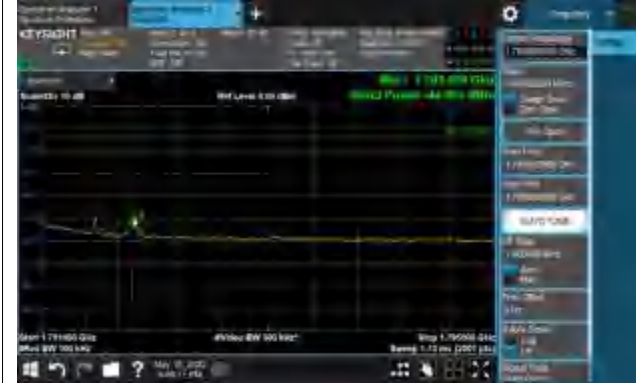
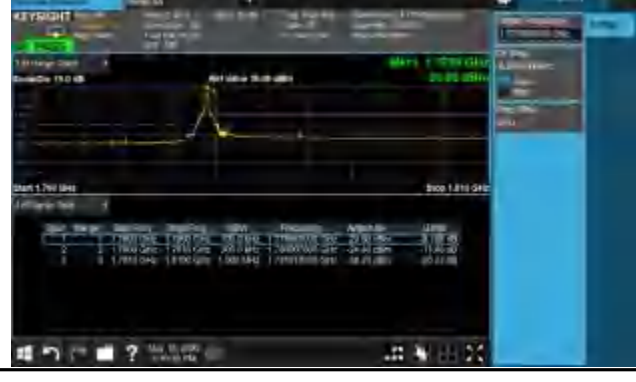
Upper Band Edge





Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/18	Test Band	LTE Band 66



10MHz Channel Bandwidth - 1RB	
Upper Band Edge	Upper Extended Band Edge
	
15MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	
20MHz Channel Bandwidth - 1RB	
Upper Band Edge	
	

1.4MHz Channel Bandwidth - Full RB

Upper Band Edge



Upper Extended Band Edge



3MHz Channel Bandwidth - Full RB

Upper Band Edge



Upper Extended Band Edge



5MHz Channel Bandwidth - Full RB

Upper Band Edge

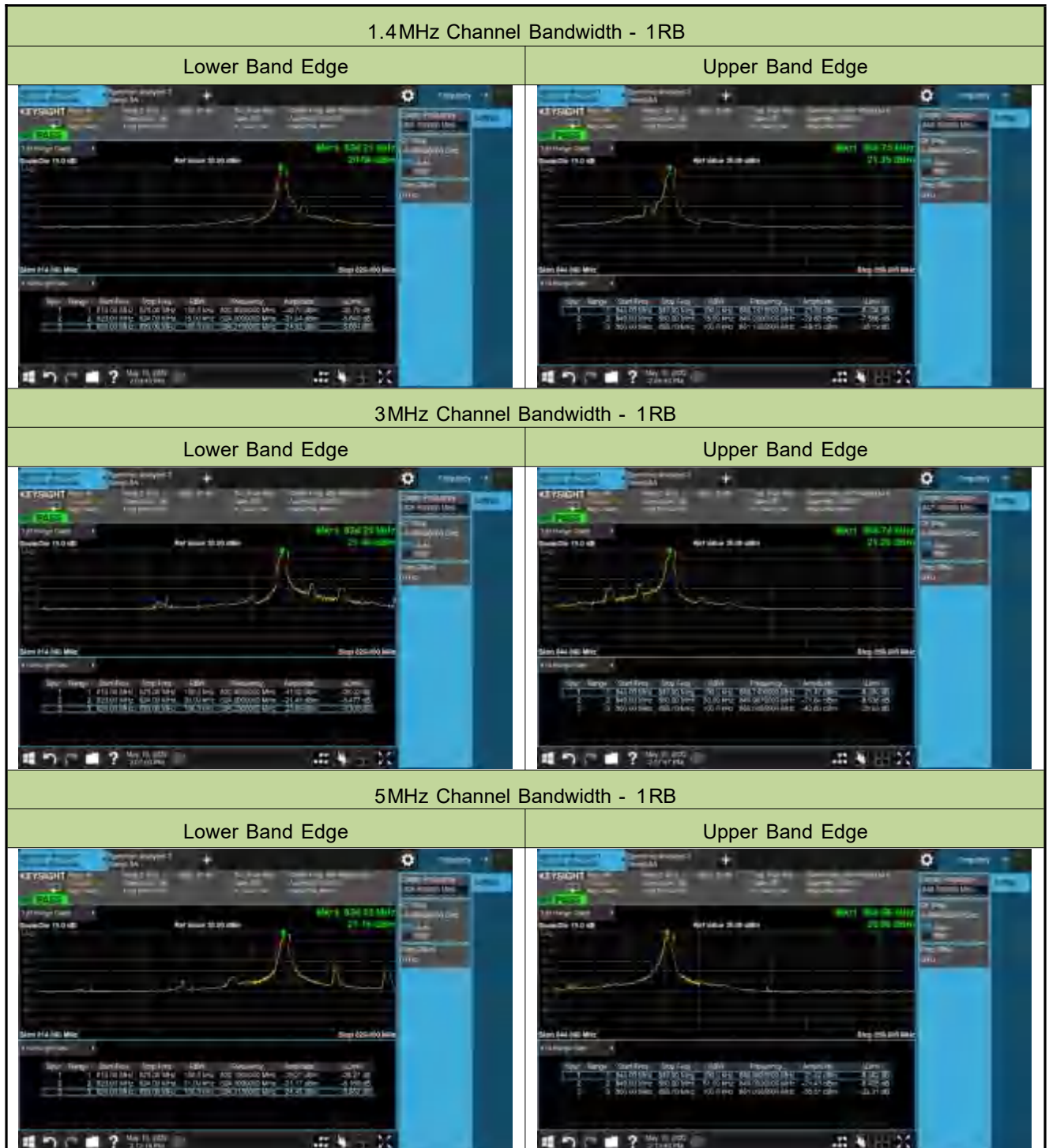


Upper Extended Band Edge



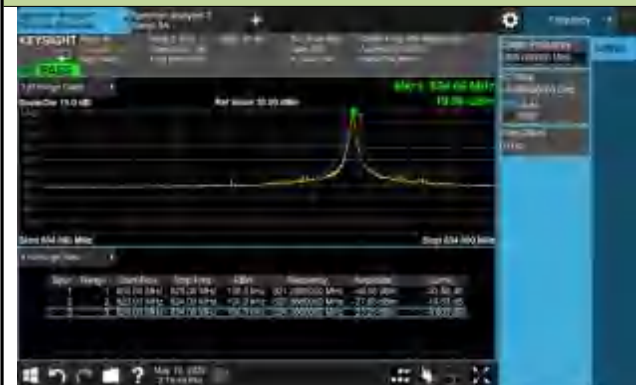
10MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	
15MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	
20MHz Channel Bandwidth - Full RB	
Upper Band Edge	
	

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/19	Test Band	LTE Band 5/26



10MHz Channel Bandwidth - 1RB

Lower Band Edge

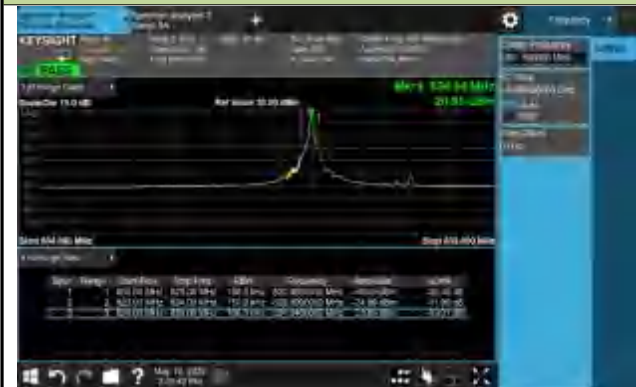


Upper Band Edge



15MHz Channel Bandwidth - 1RB

Lower Band Edge



Upper Band Edge



1.4MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



3MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



5MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



15MHz Channel Bandwidth - Full RB

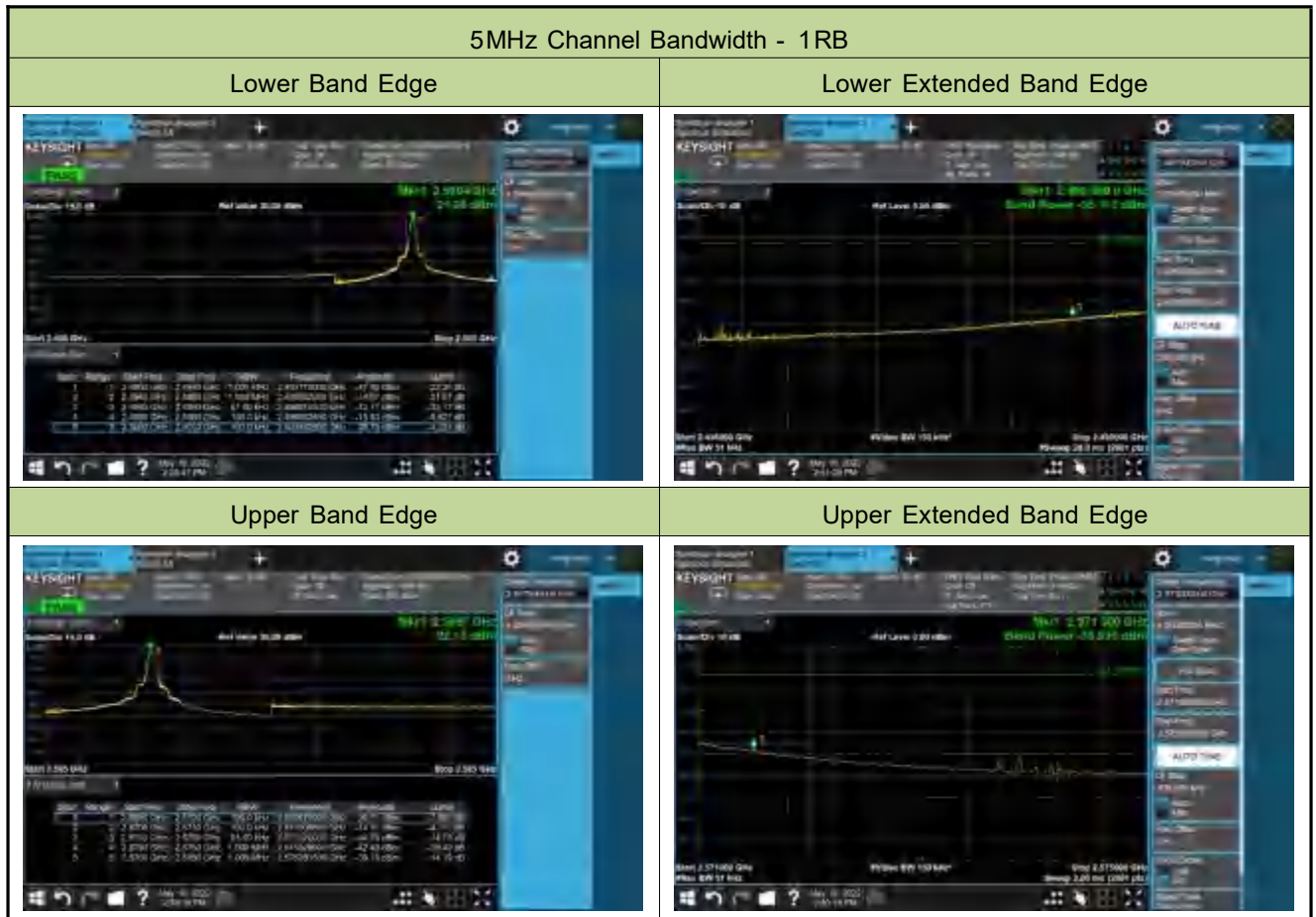
Lower Band Edge



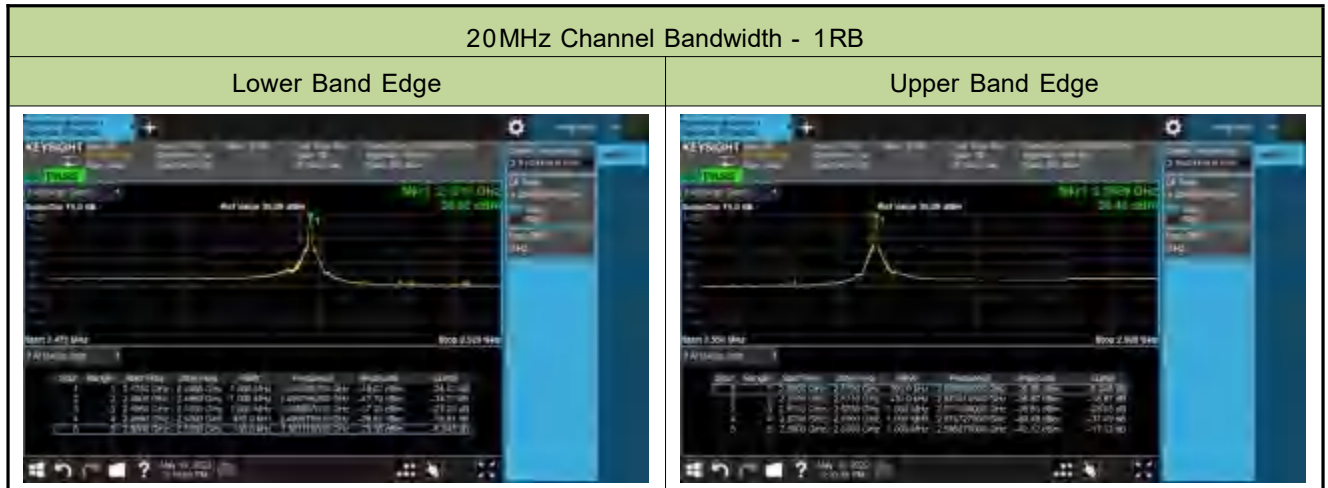
Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/19	Test Band	LTE Band 7







5MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



15MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



20MHz Channel Bandwidth - Full RB

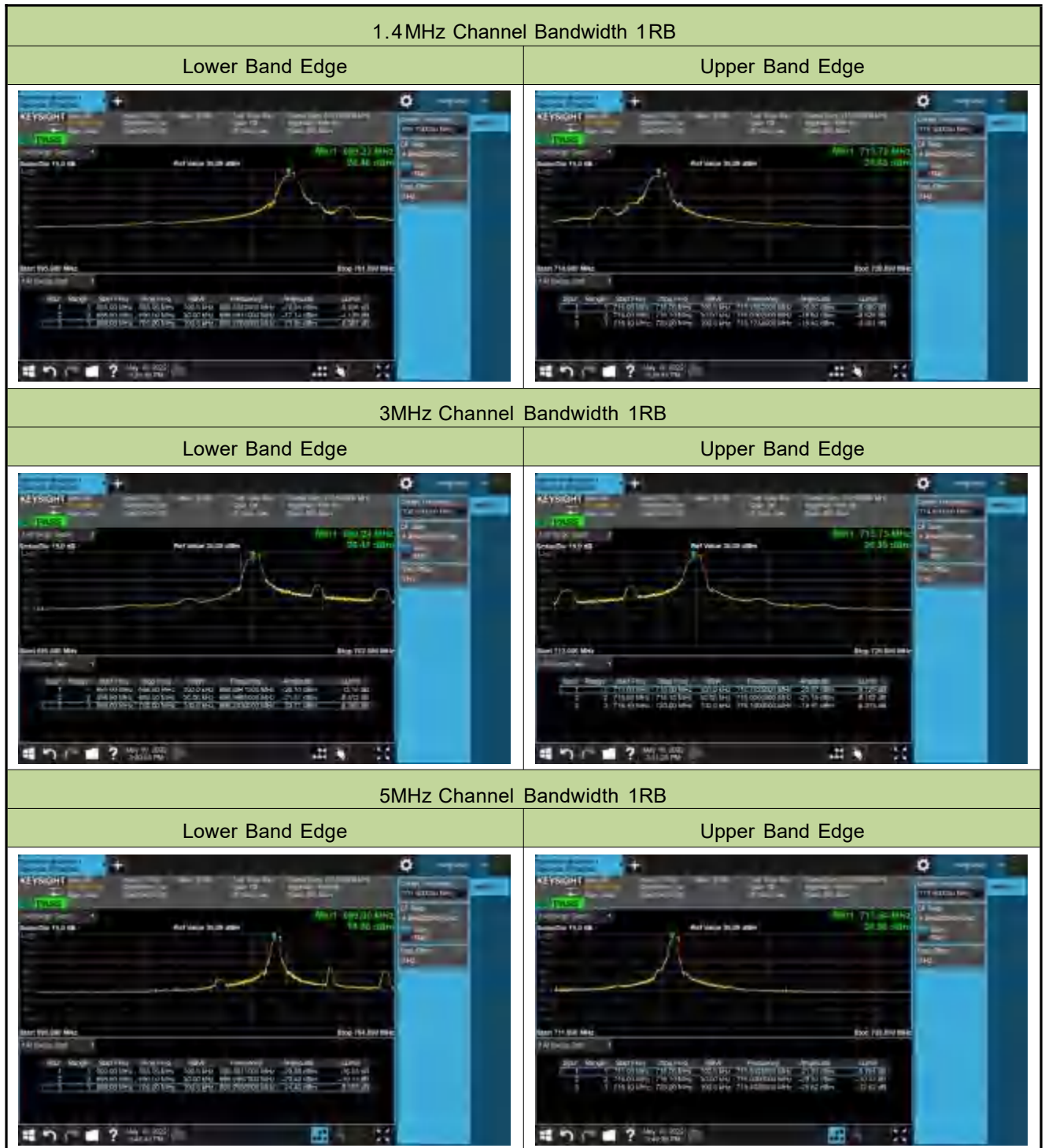
Lower Band Edge

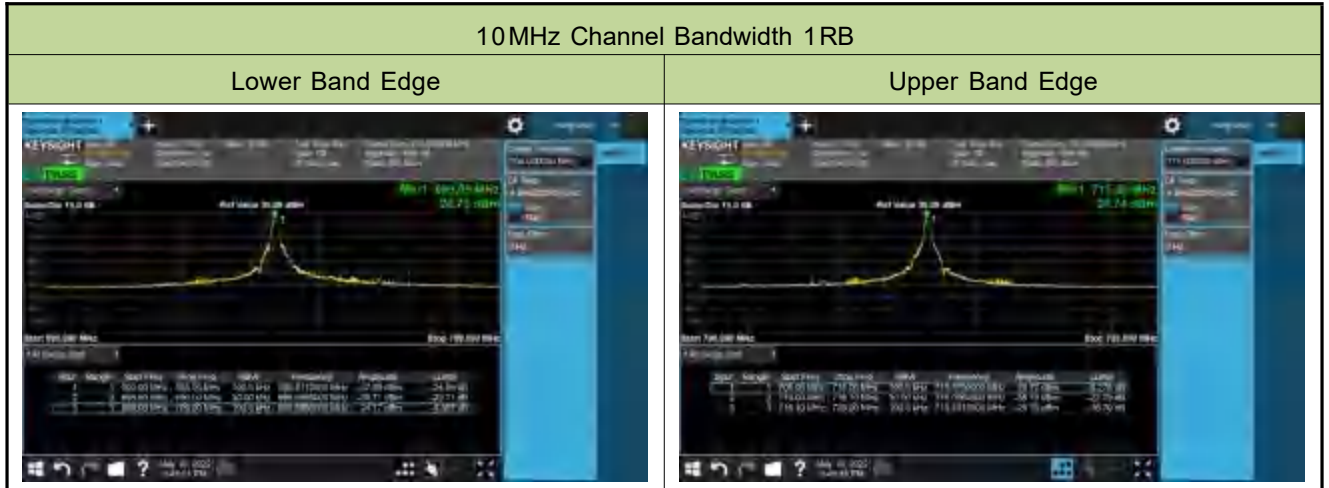


Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/19	Test Band	LTE Band 12





1.4 MHz Channel Bandwidth Full RB

Lower Band Edge



Lower Extended Band Edge



3MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



5MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10MHz Channel Bandwidth Full RB

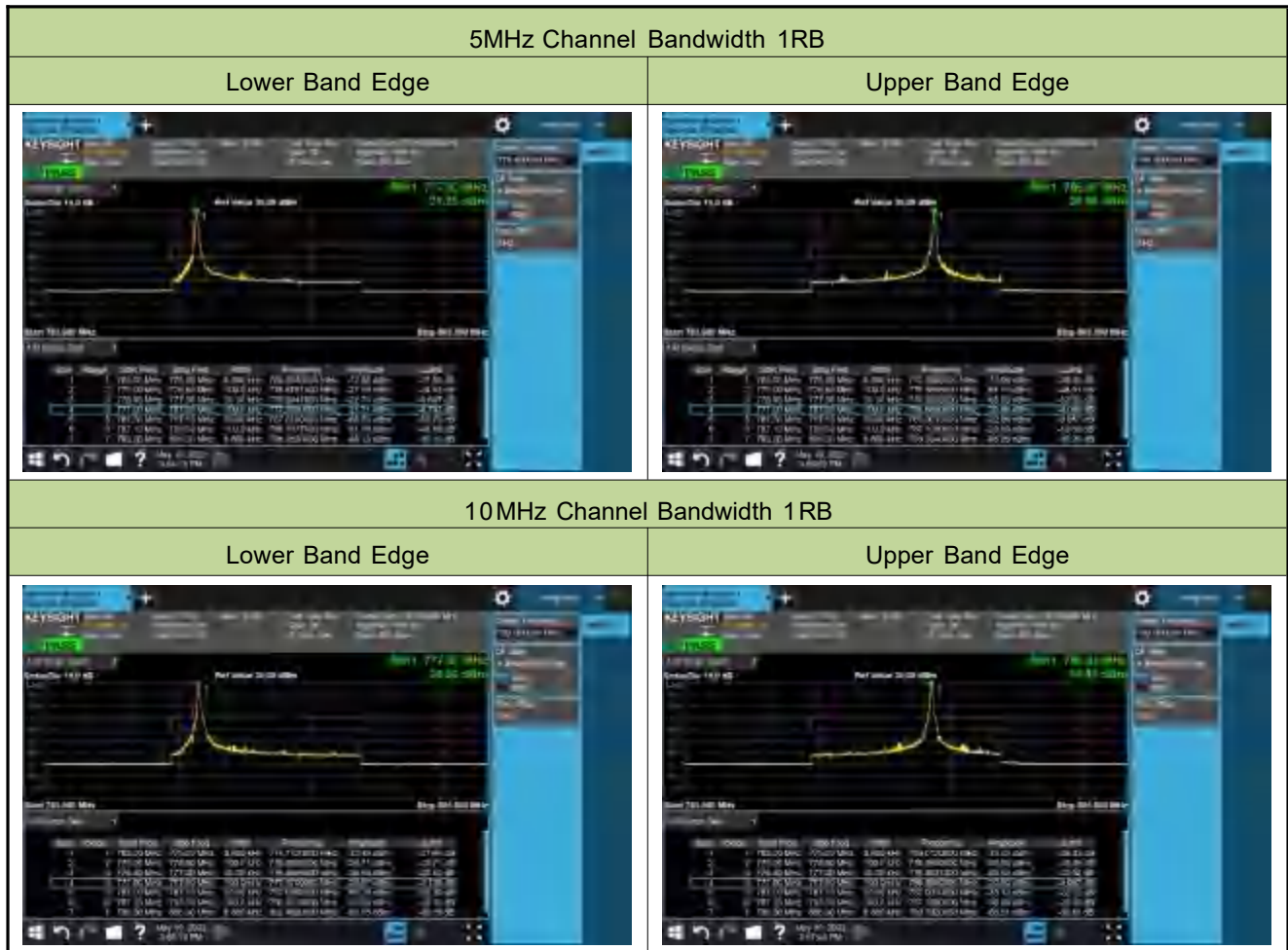
Lower Band Edge



Upper Band Edge



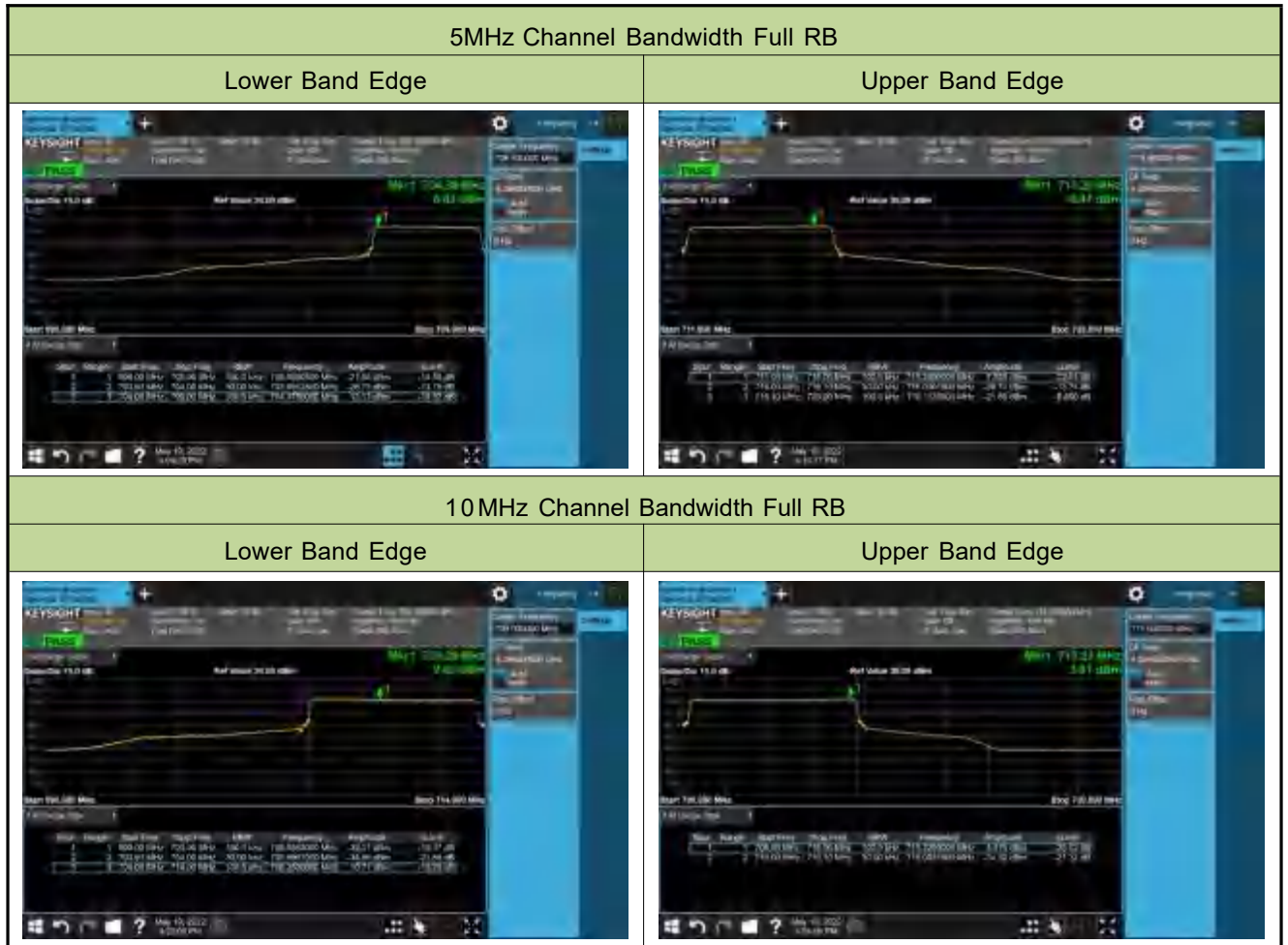
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/19	Test Band	LTE Band 13



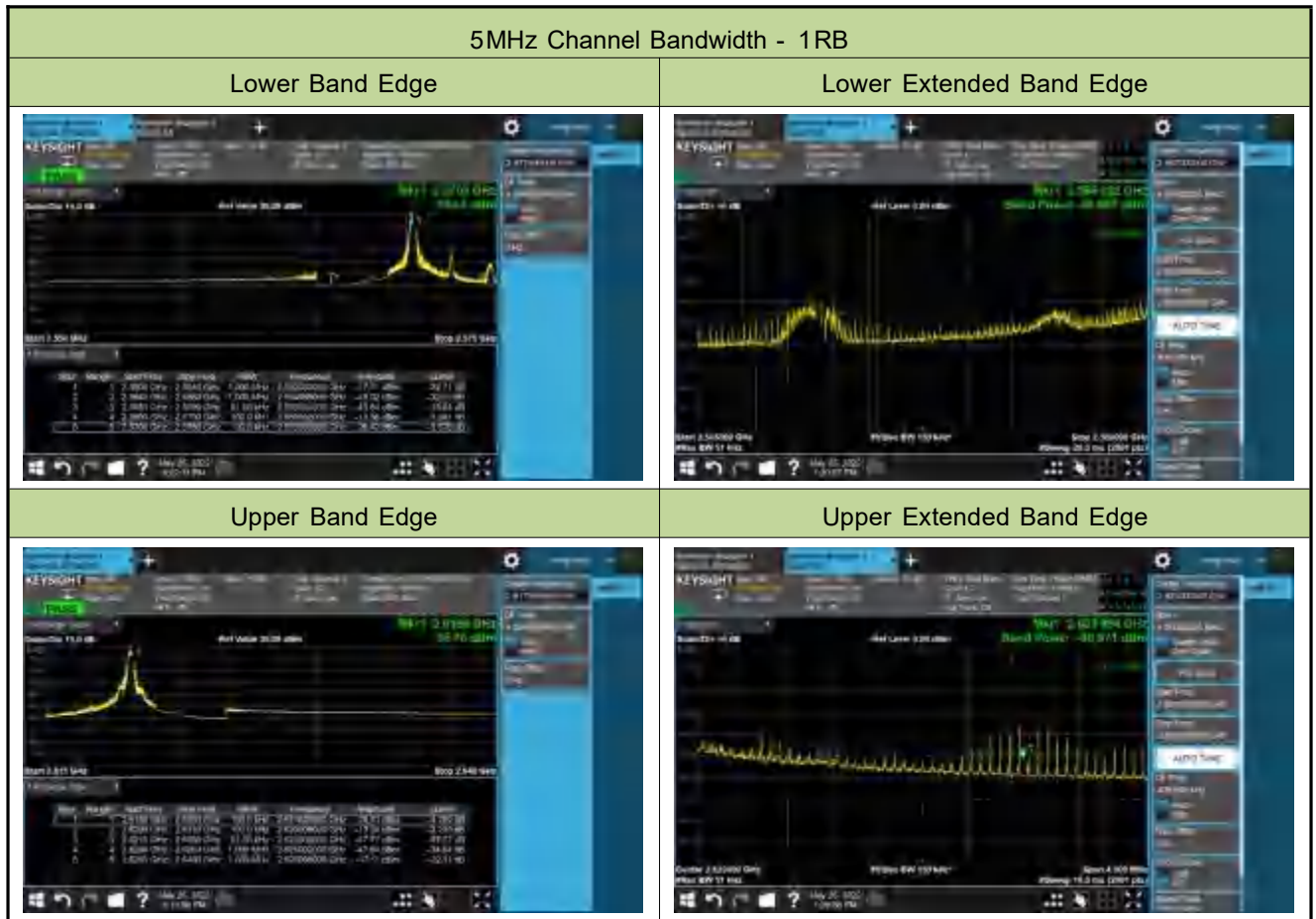


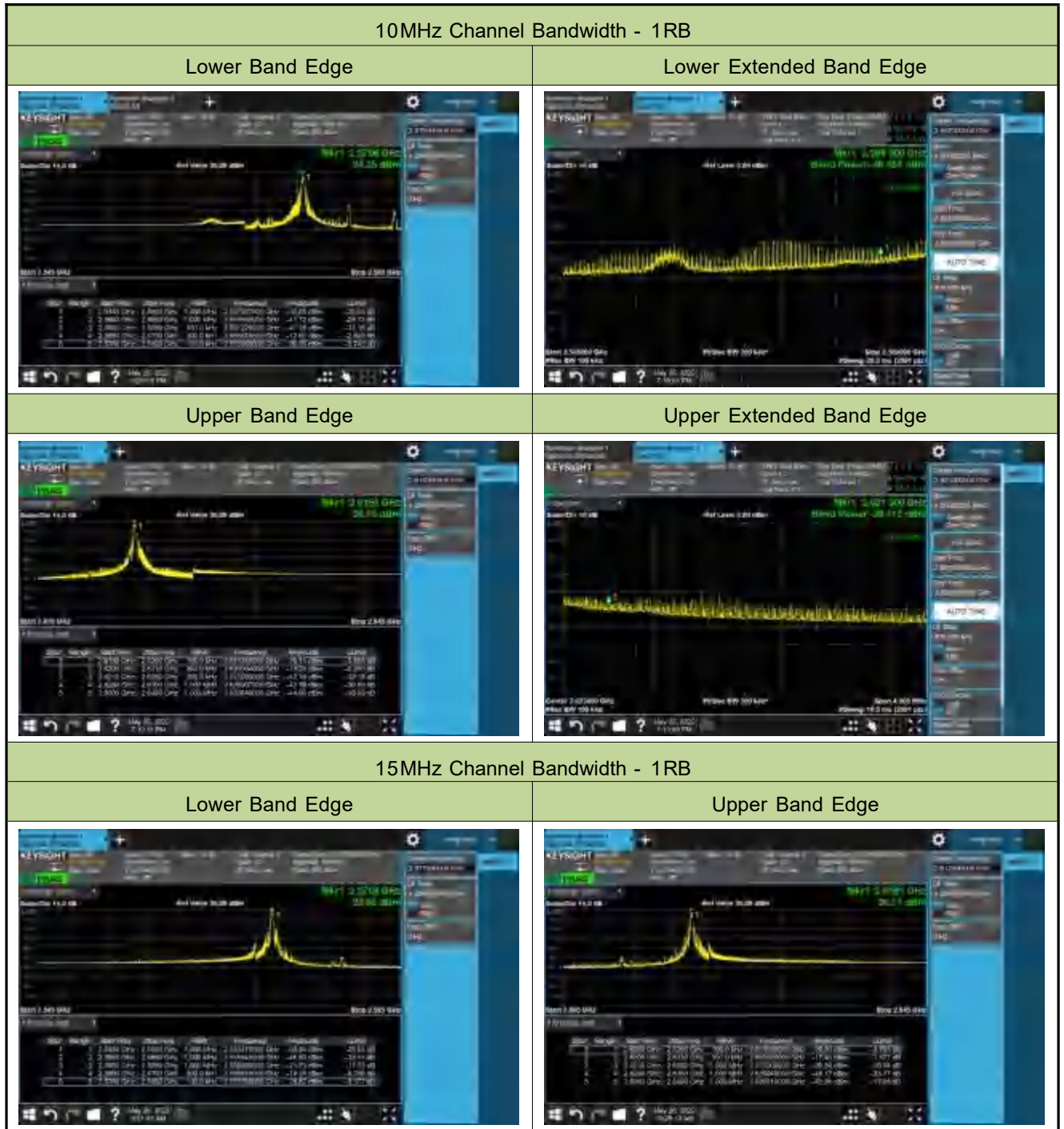
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/19	Test Band	LTE Band 17

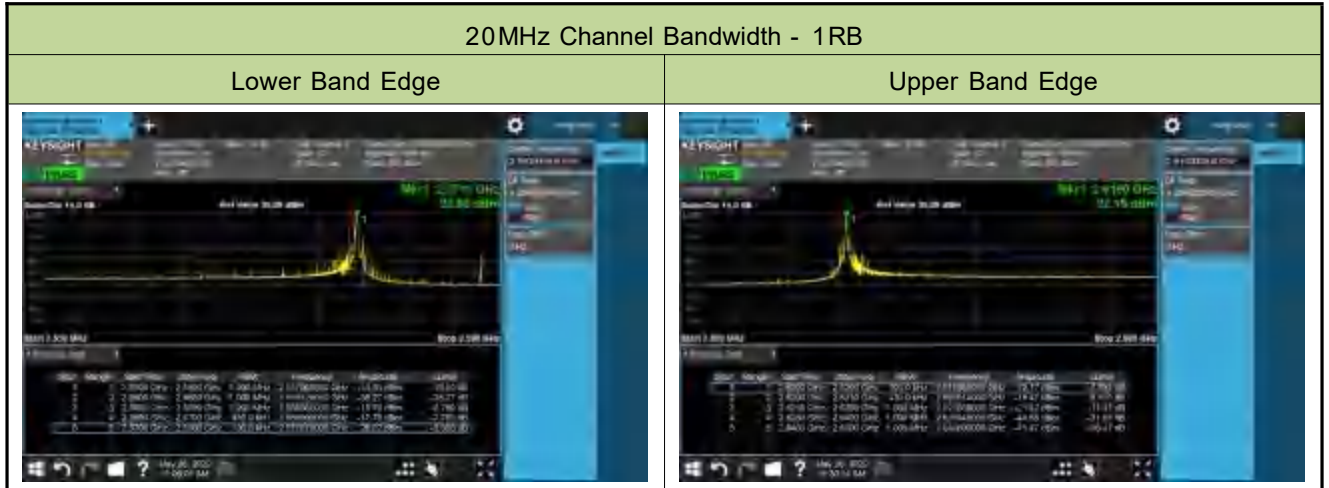




Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/25	Test Band	LTE Band 38_HPUE







5MHz Channel Bandwidth - Full RB

Lower Band Edge



Lower Extended Band Edge



Upper Band Edge



Lower Extended Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



15MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



20MHz Channel Bandwidth - Full RB

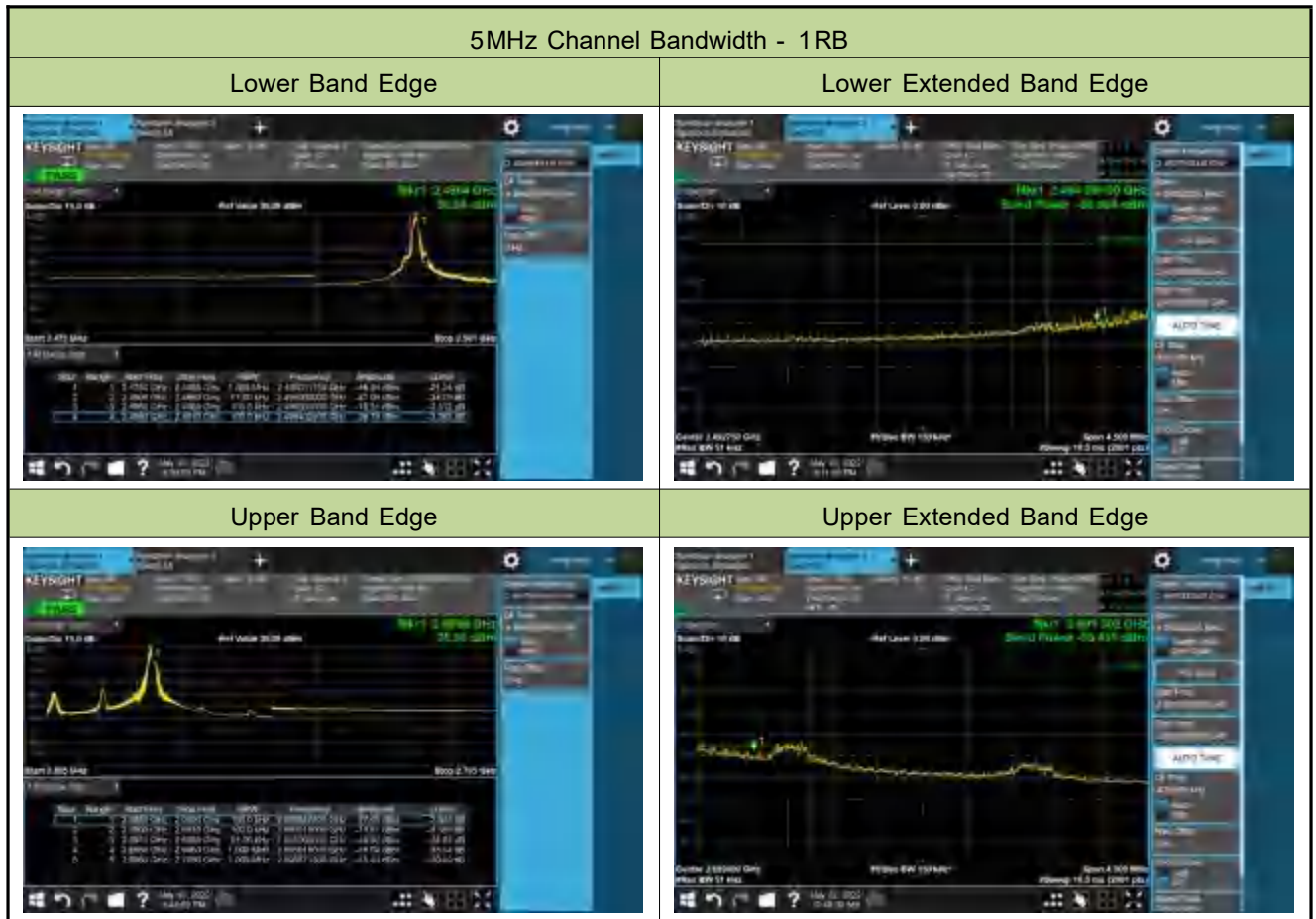
Lower Band Edge

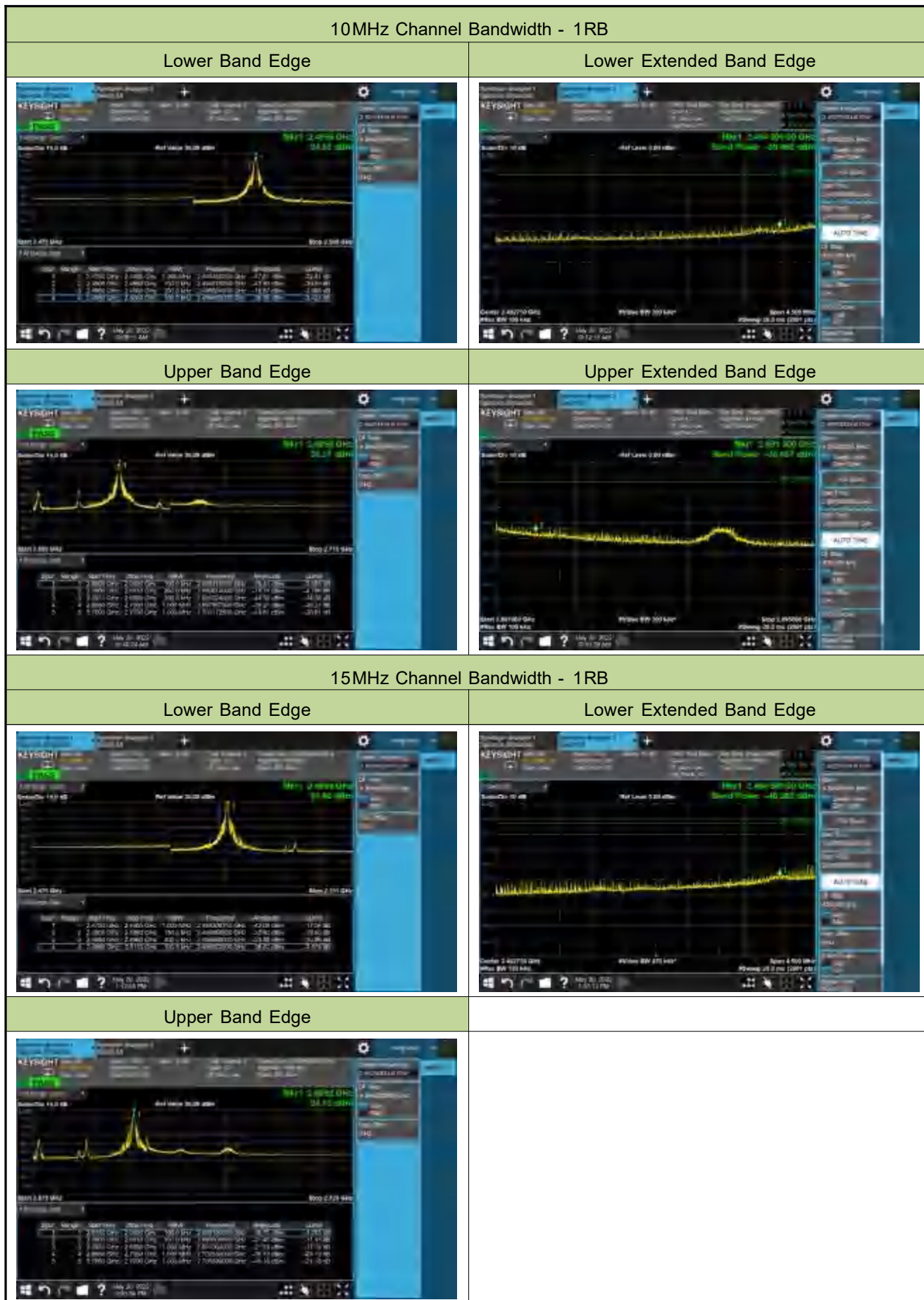


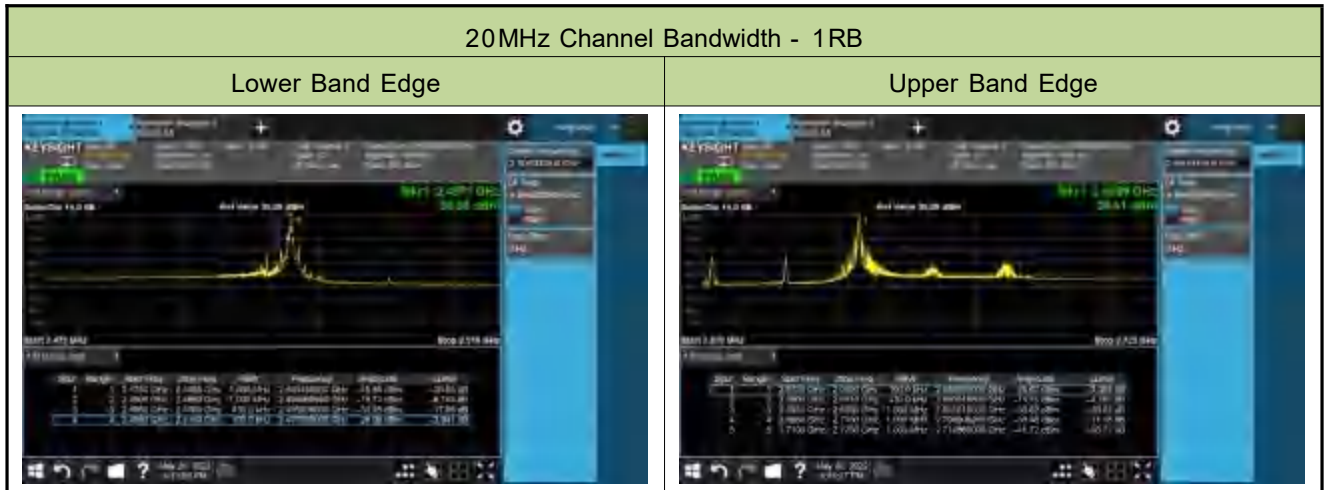
Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/19~2022/07/05	Test Band	LTE Band 41_HPUE





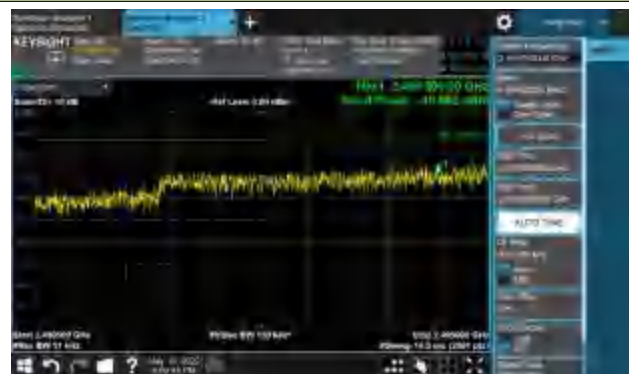


5MHz Channel Bandwidth - Full RB

Lower Band Edge



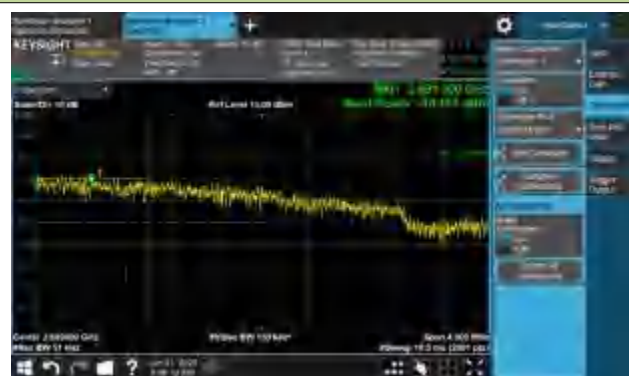
Lower Extended Band Edge



Upper Band Edge



Upper Extended Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



15MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



20MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/07/21	Test Band	LTE Band 71





5MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



15MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



20MHz Channel Bandwidth - Full RB

Lower Band Edge

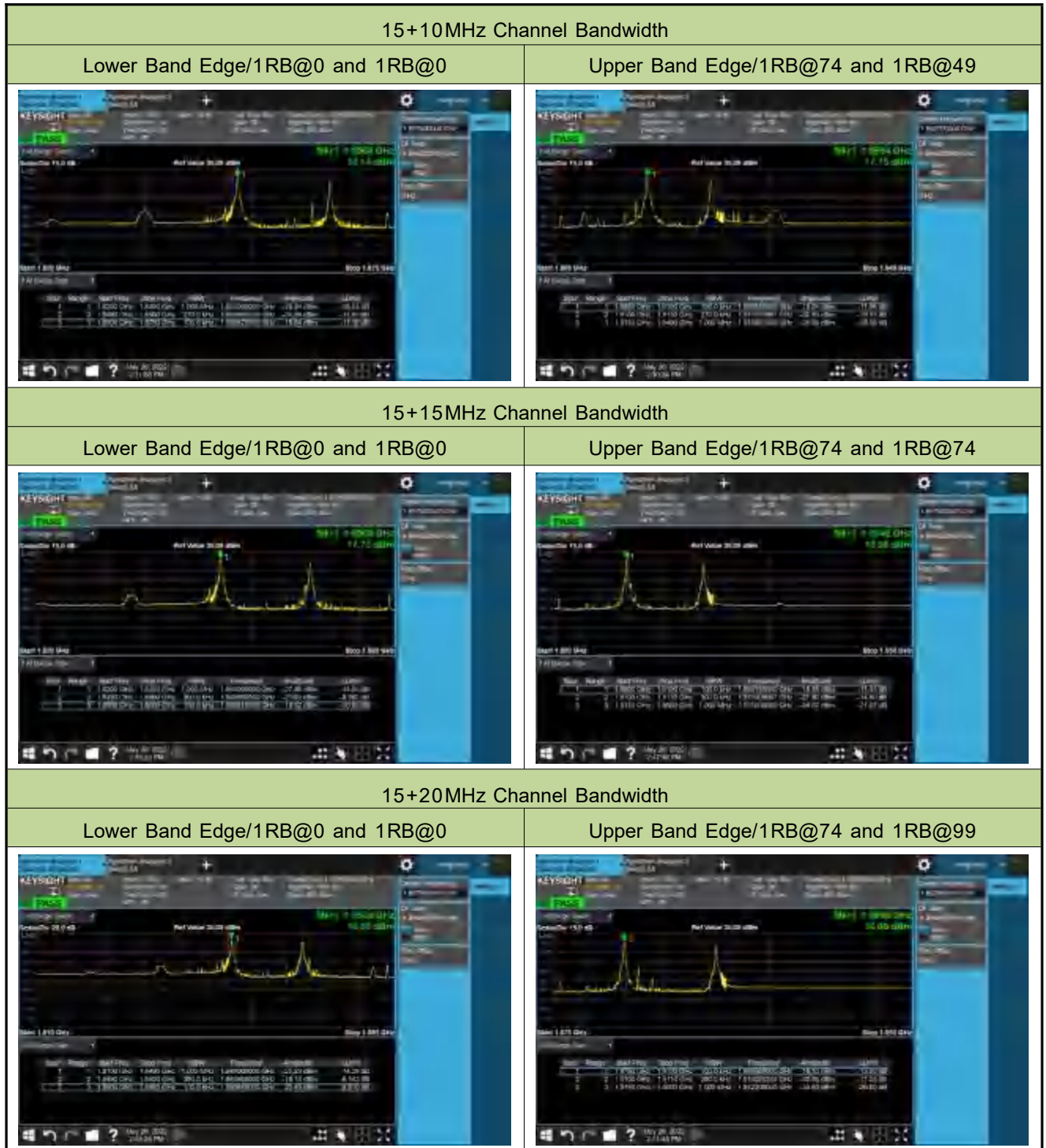


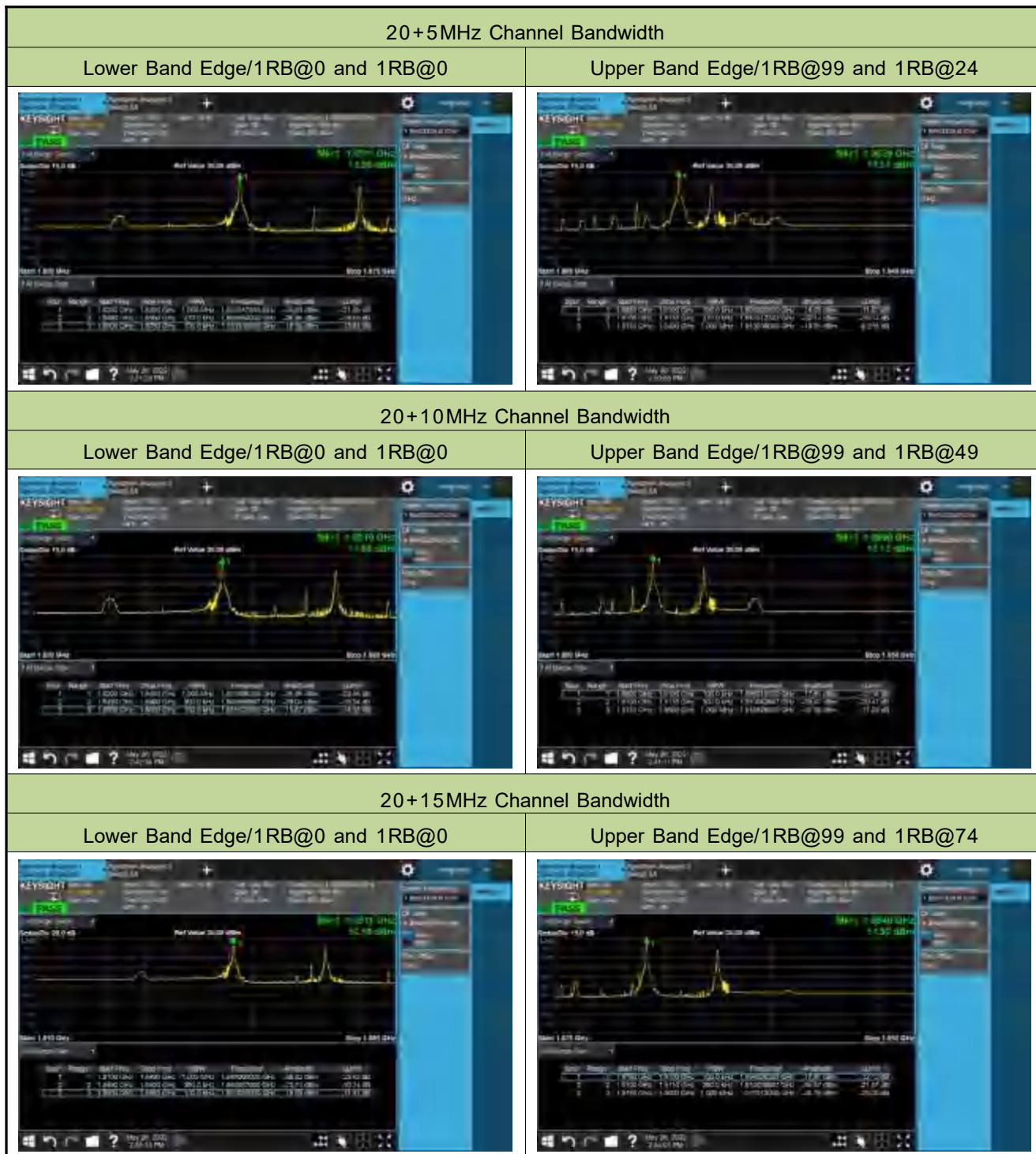
Upper Band Edge

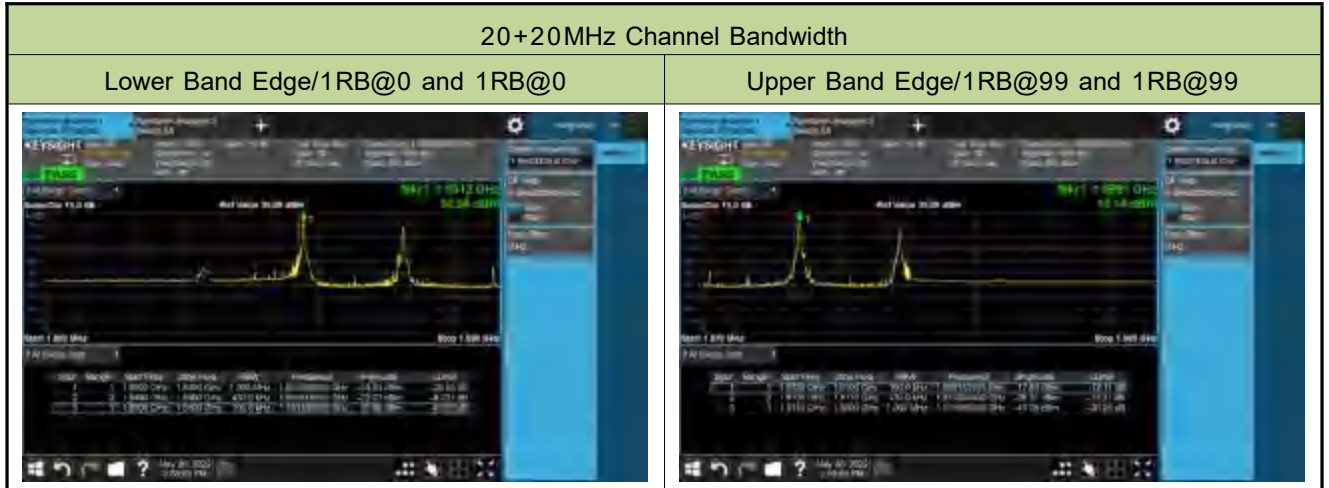


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/26	Test Band	Intra-Band CA_2C









5+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+10MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



20+5MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



20+10MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



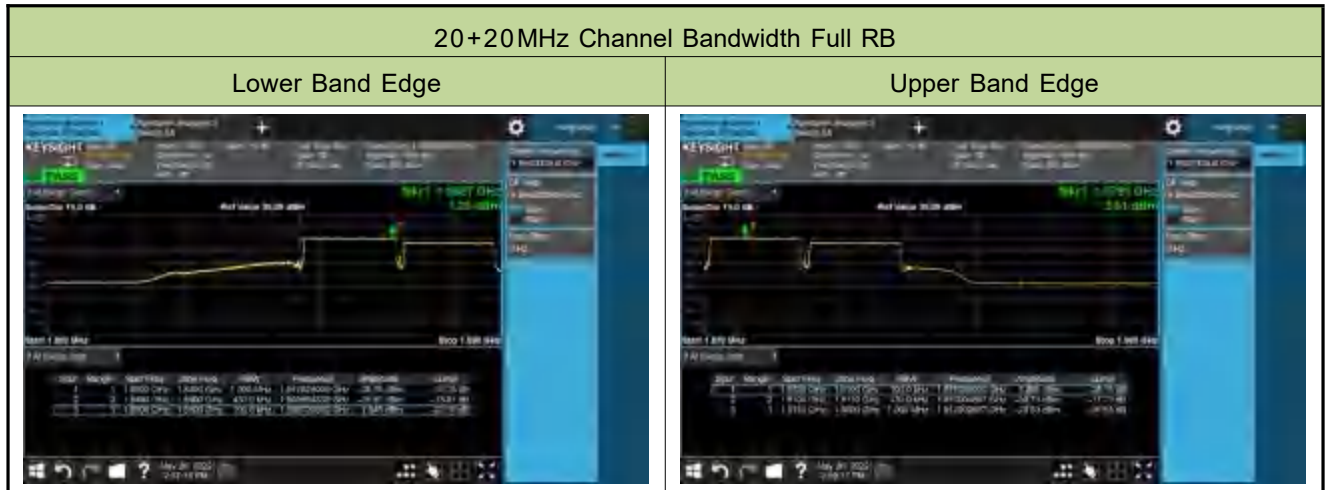
20+15MHz Channel Bandwidth Full RB

Lower Band Edge

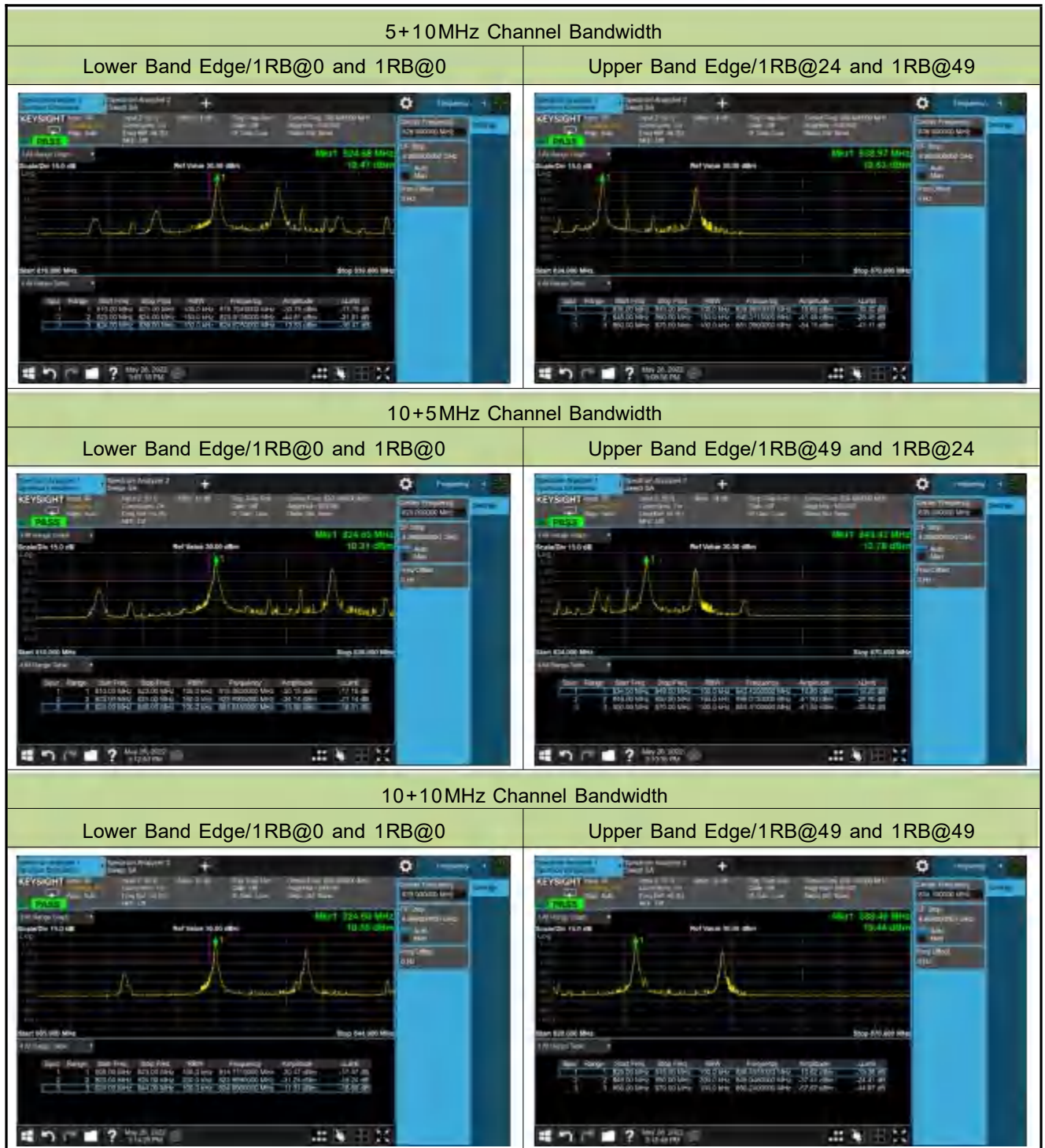


Upper Band Edge





Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/26	Test Band	Intra-Band CA_5B



5+10MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+5MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+10MHz Channel Bandwidth Full RB

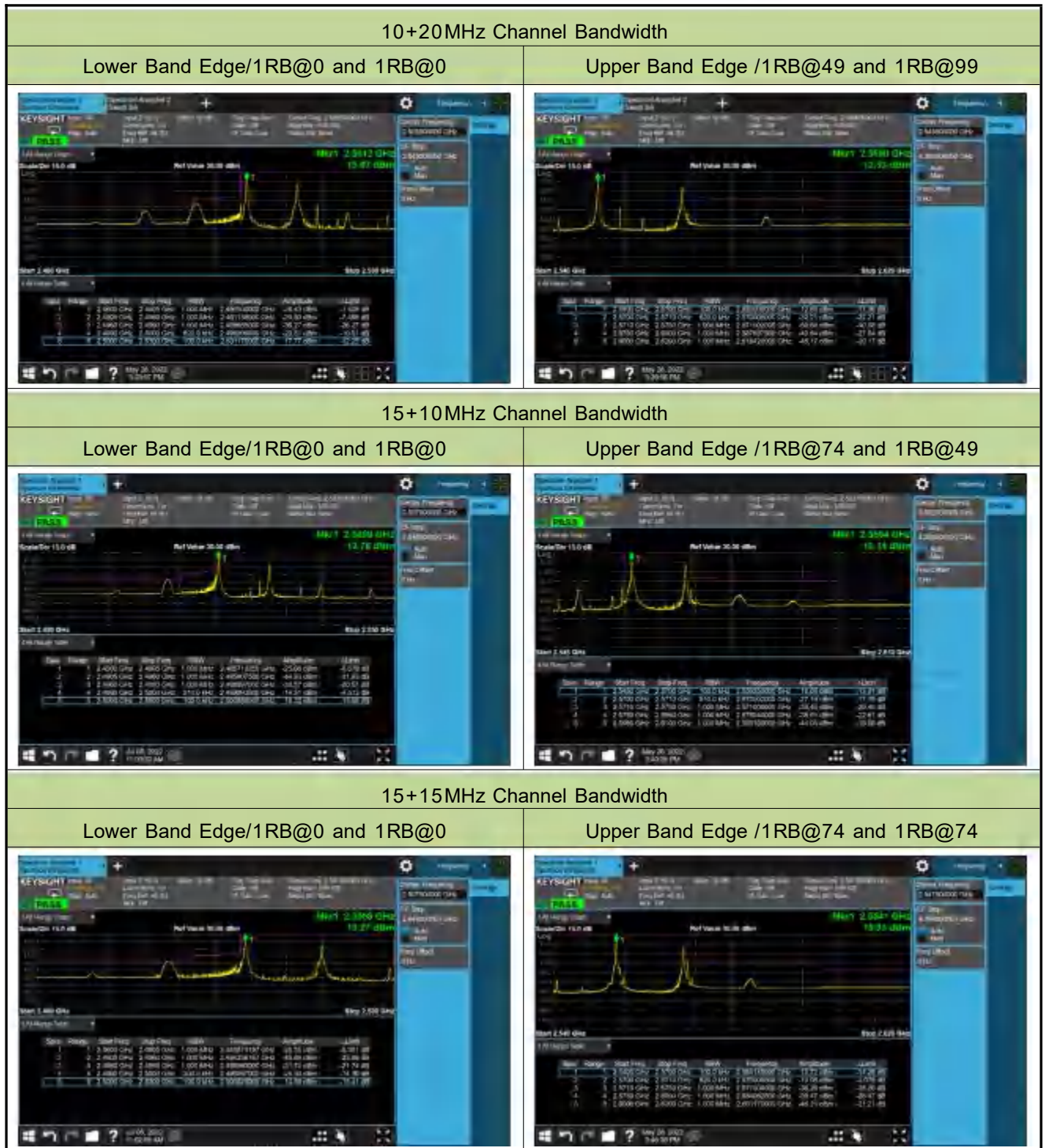
Lower Band Edge



Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/26 ~ 2022/07/05	Test Band	Intra-Band CA_7C





20+15MHz Channel Bandwidth	
Lower Band Edge/1RB@0 and 1RB@0	Lower Band Edge/1RB@0 and 1RB@0
	
Upper Band Edge/1RB@99 and 1RB@74	
	
20+20MHz Channel Bandwidth	
Lower Band Edge/1RB@0 and 1RB@0	Upper Band Edge /1RB@99 and 1RB@99
	

Upper Band Edge



Upper Band Edge



Upper Band Edge



Upper Band Edge



Upper Band Edge



Upper Band Edge



20+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/26~2022/05/27	Test Band	Intra-Band CA_38C



15+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



20+20MHz Channel Bandwidth Full RB

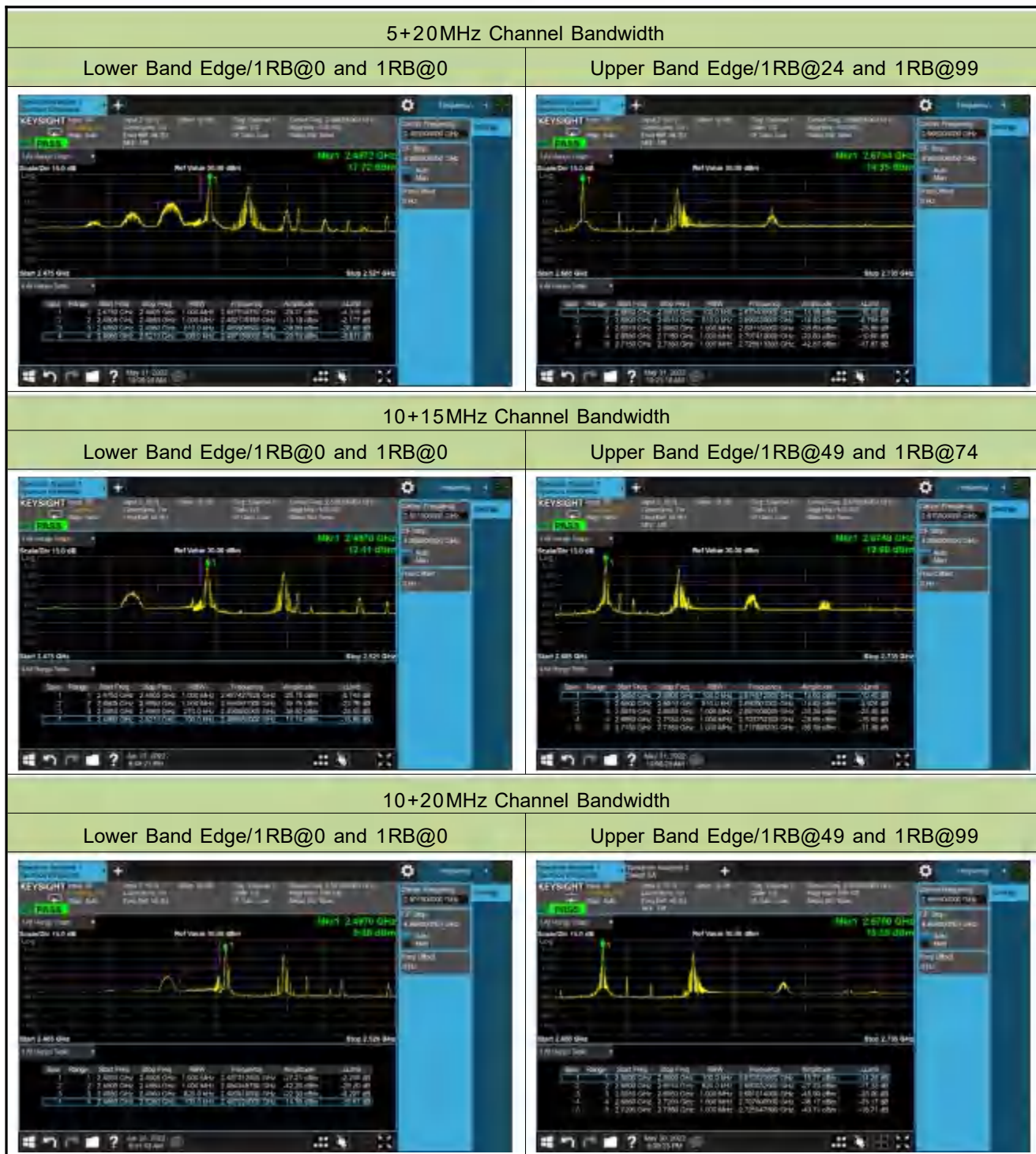
Lower Band Edge

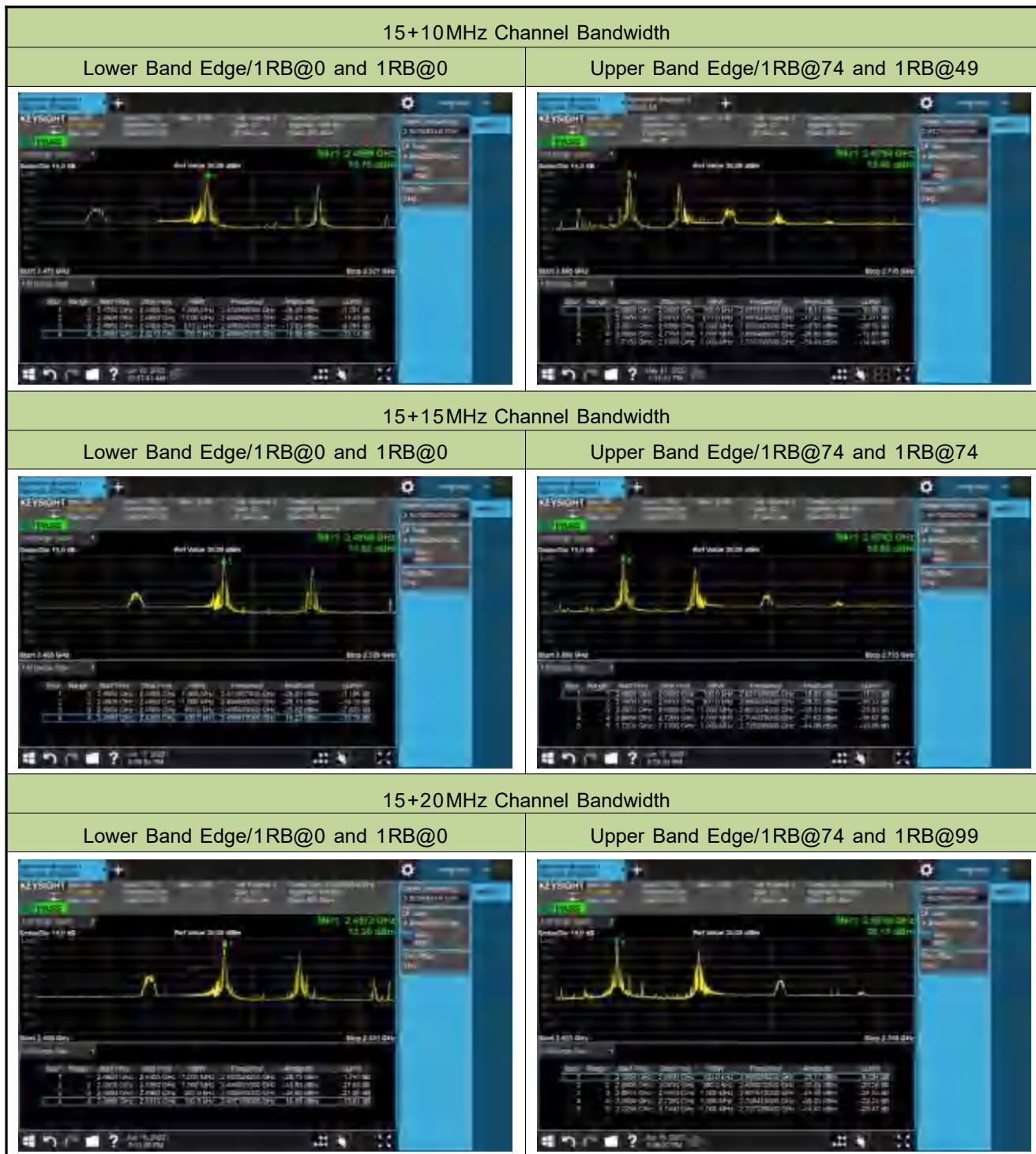


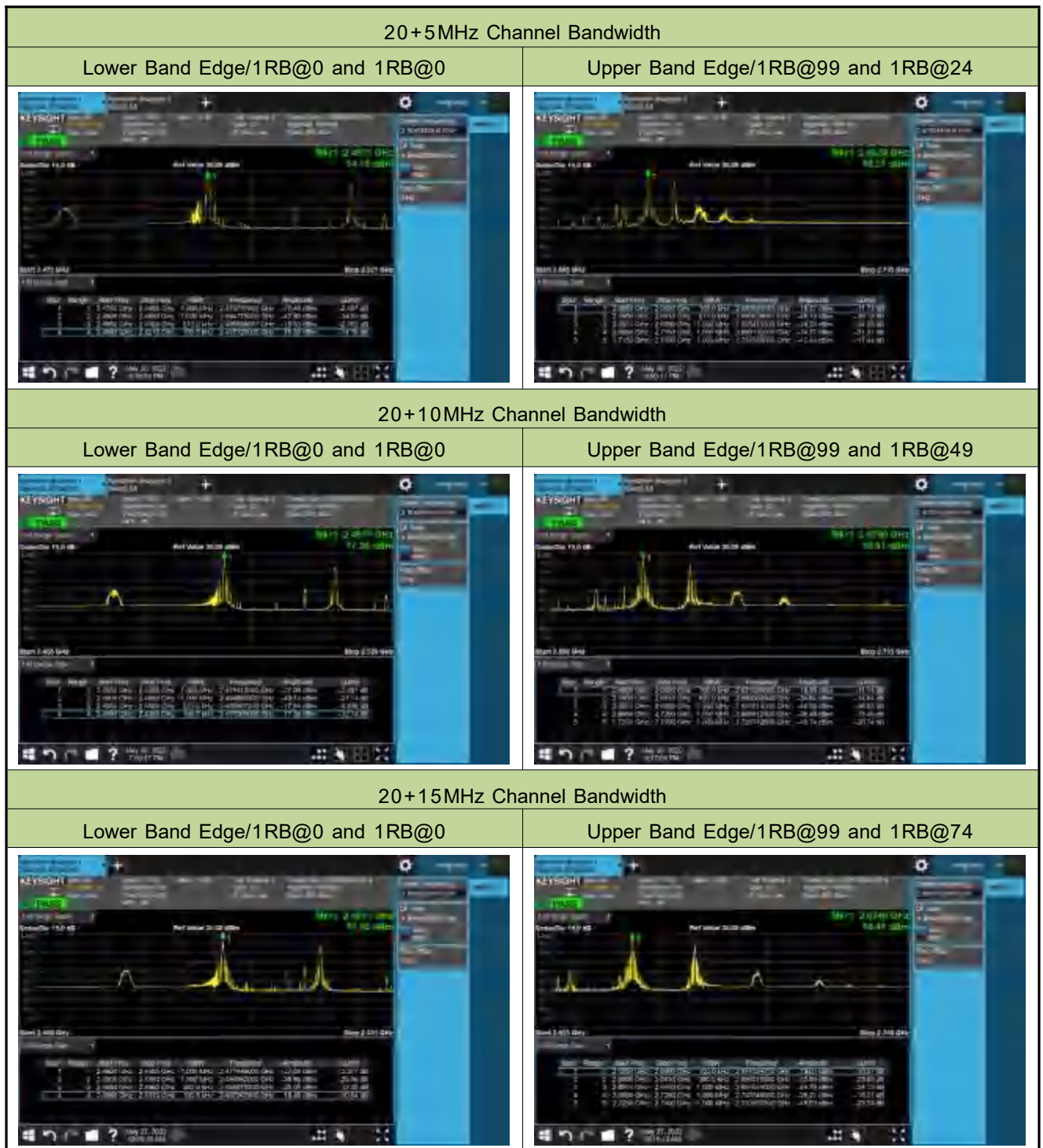
Upper Band Edge

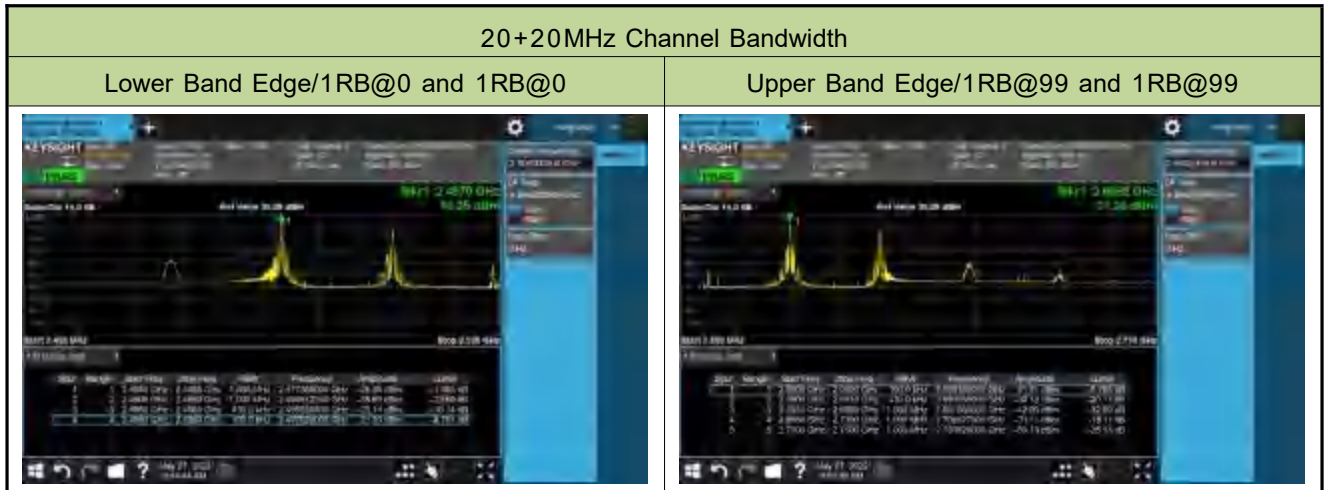


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/27~2022/06/20	Test Band	Intra-Band CA_41C









5+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+10MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



20+5MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



20+10MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



20+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



20+20MHz Channel Bandwidth Full RB

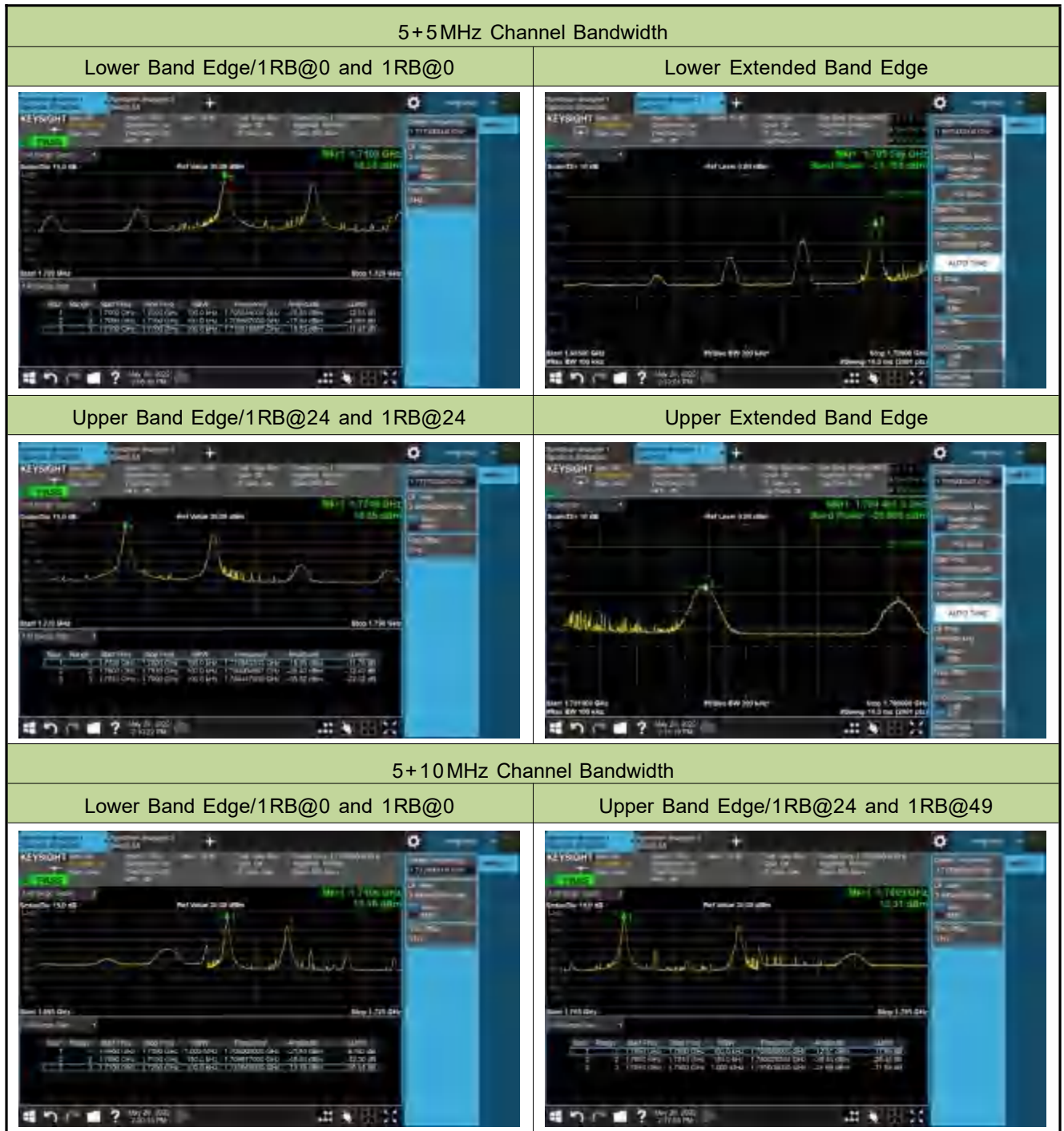
Lower Band Edge

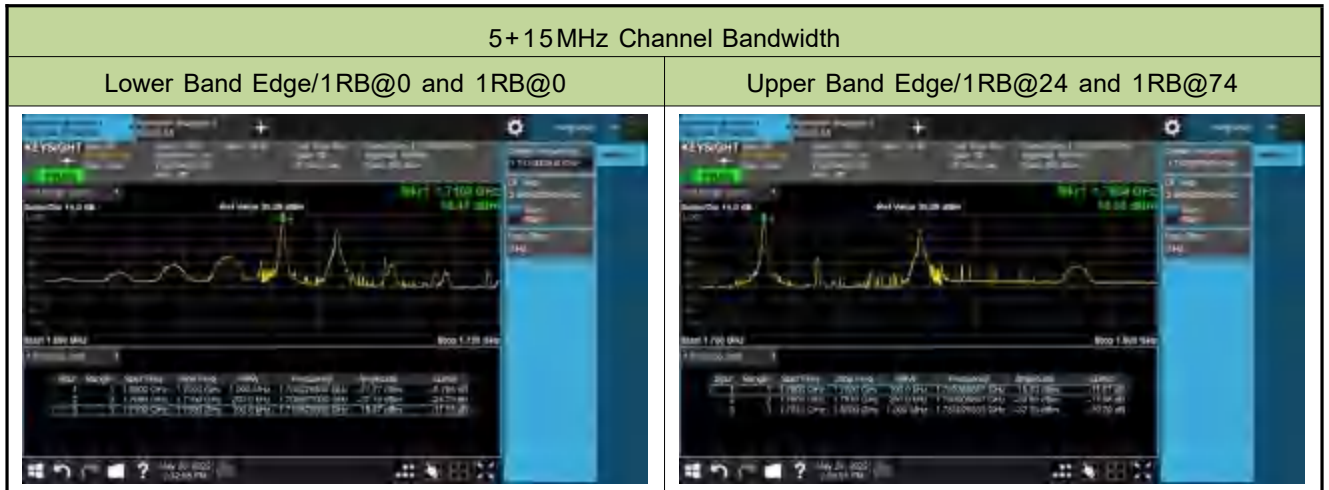


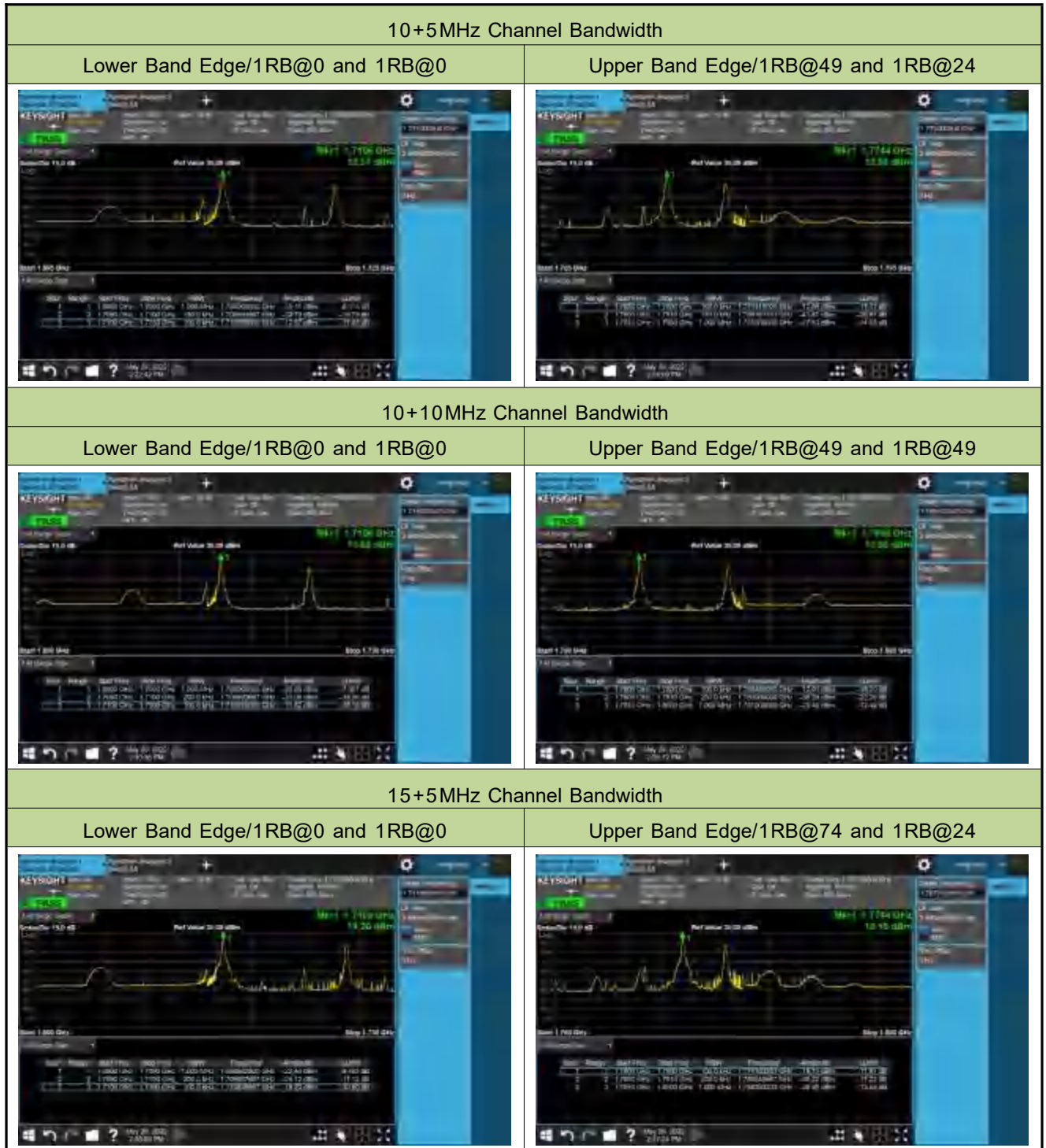
Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/29	Test Band	Intra-Band CA_66B







5+5MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



5+10MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



5+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+5MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+10MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+5MHz Channel Bandwidth Full RB

Lower Band Edge



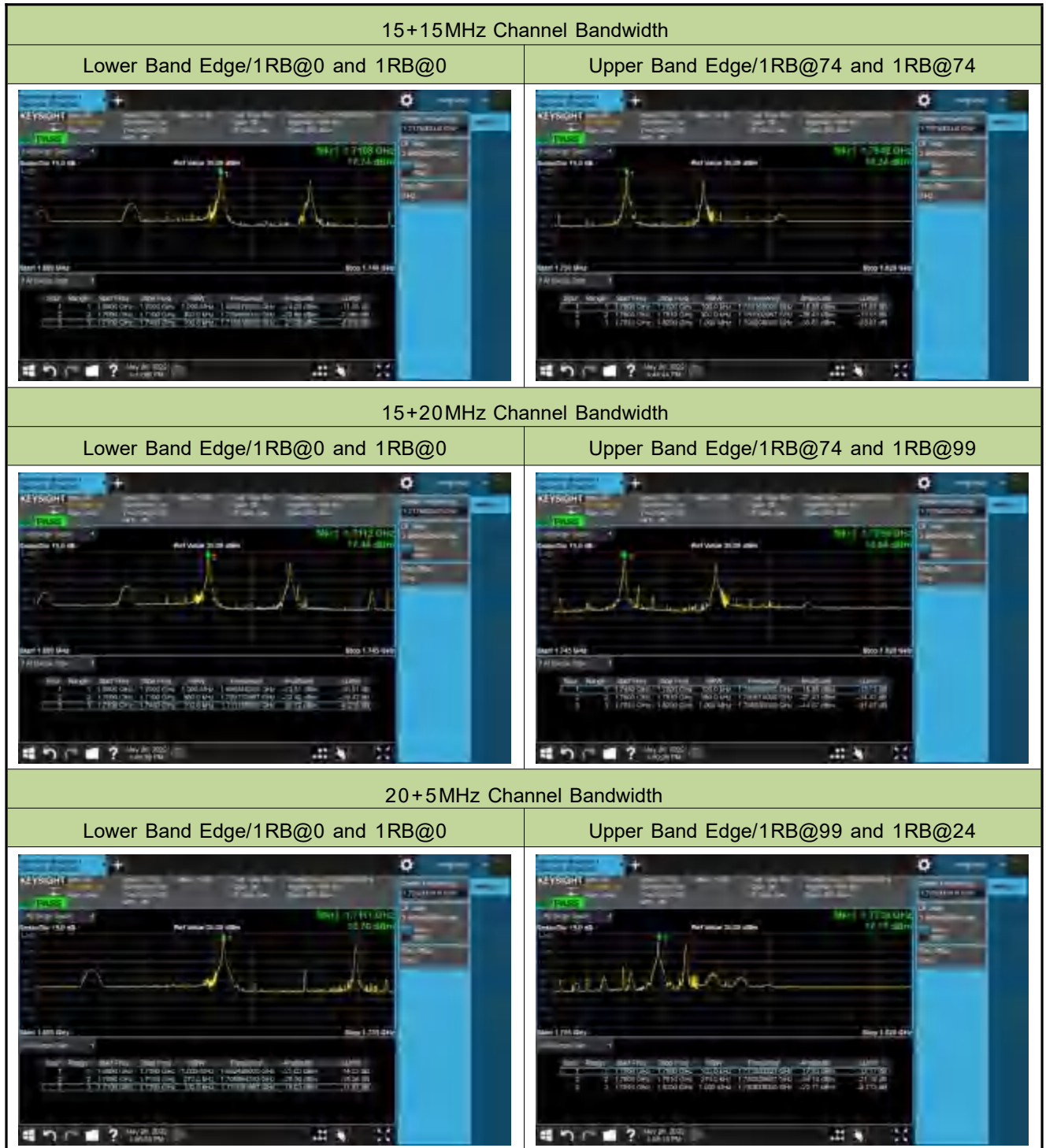
Upper Band Edge

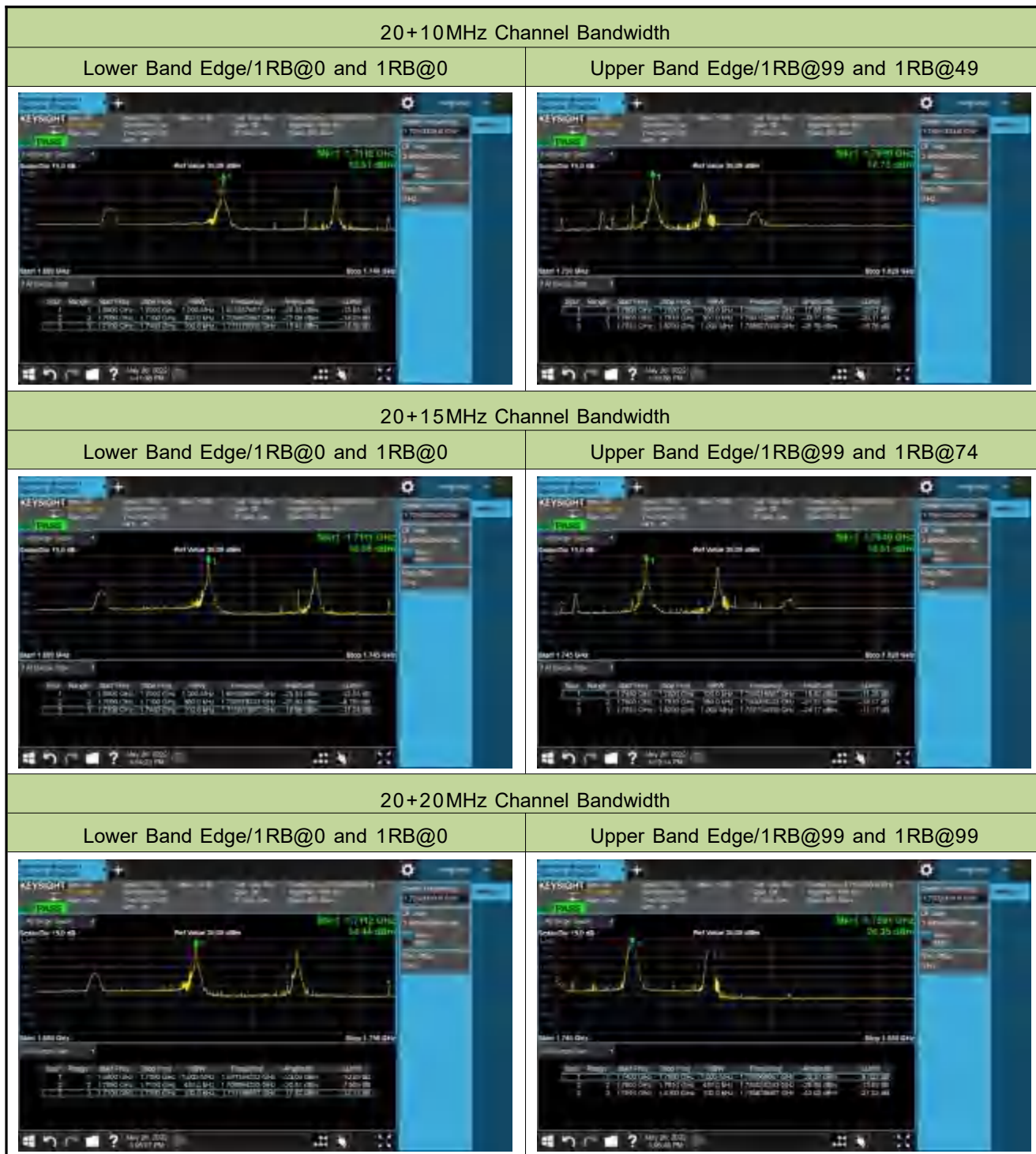


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/26	Test Band	Intra-Band CA_66C









5+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



10+20MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+10MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+15MHz Channel Bandwidth Full RB

Lower Band Edge



Upper Band Edge



15+20MHz Channel Bandwidth Full RB

Lower Band Edge RB



Upper Band Edge RB



20+5MHz Channel Bandwidth Full RB

Lower Band Edge RB



Upper Band Edge RB



20+10MHz Channel Bandwidth Full RB

Lower Band Edge RB



Upper Band Edge RB



20+15MHz Channel Bandwidth Full RB

Lower Band Edge RB



Upper Band Edge RB



20+20MHz Channel Bandwidth Full RB

Lower Band Edge RB



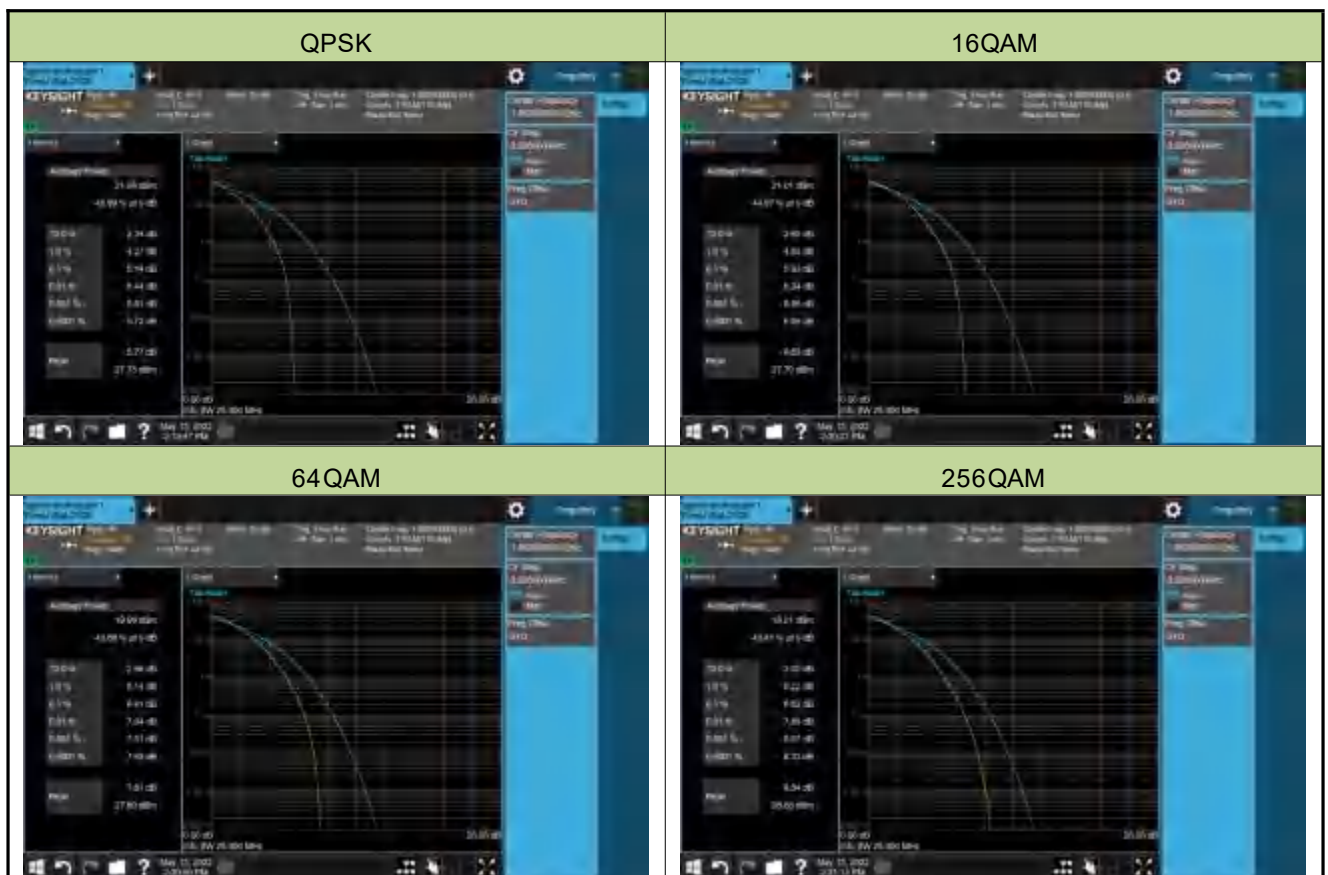
Upper Band Edge RB



A.5 Peak to Average Radio Test Result

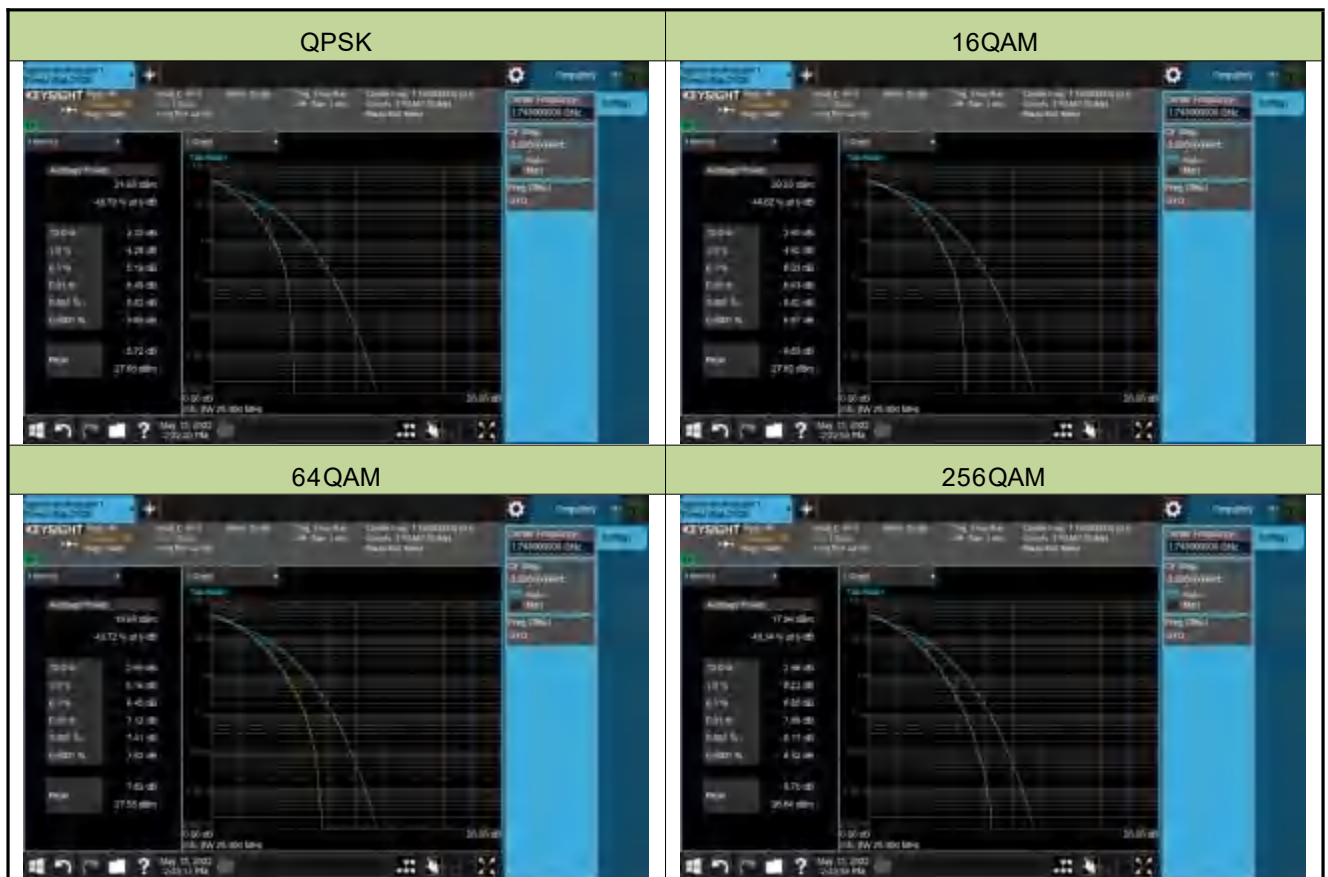
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	Band 2/25

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
1882.5	20	5.14	≤ 13.00	Pass
16QAM				
1882.5	20	5.93	≤ 13.00	Pass
64QAM				
1882.5	20	6.41	≤ 13.00	Pass
256QAM				
1882.5	20	6.62	≤ 13.00	Pass



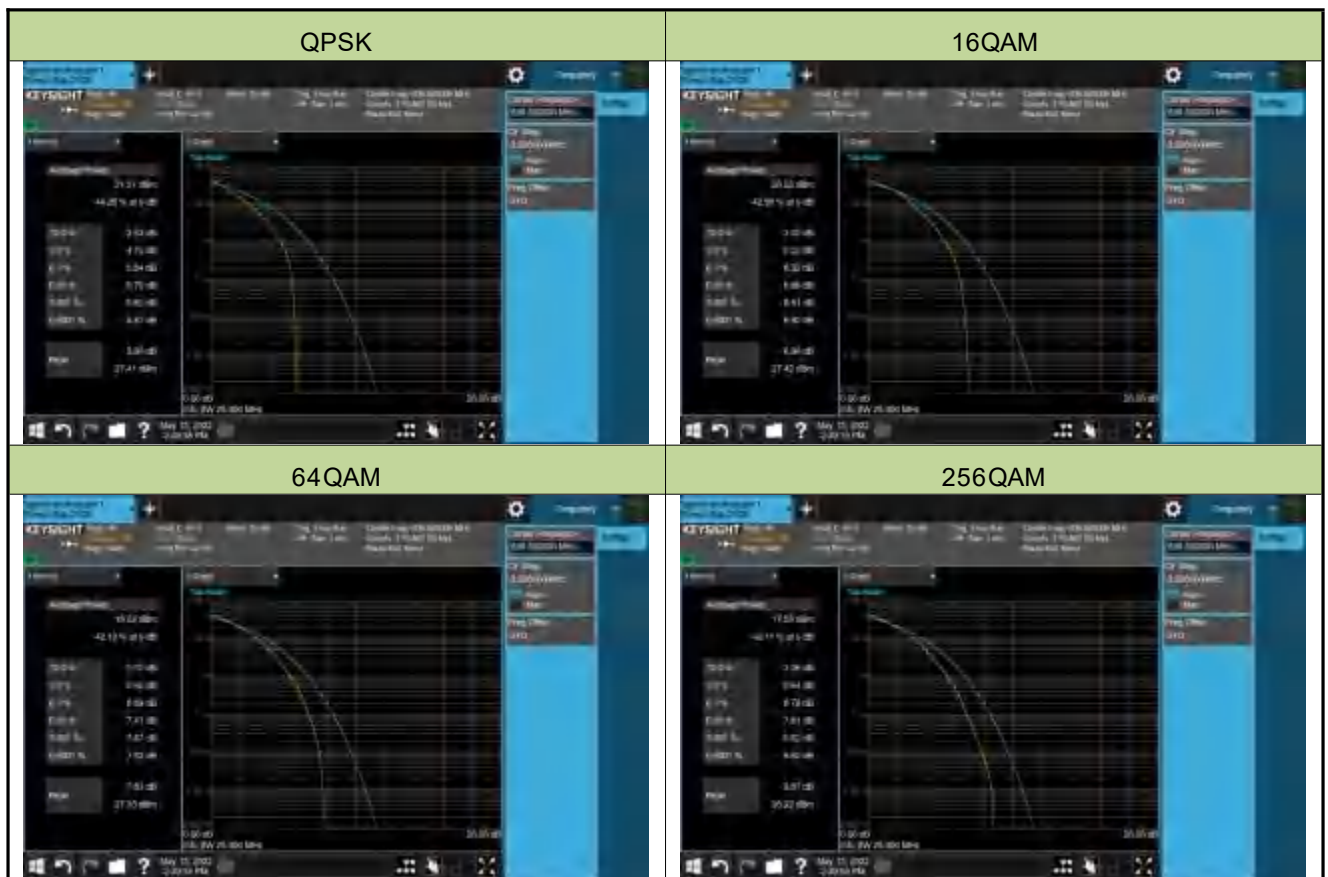
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	Band 4/66

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
1745.0	20	5.18	≤ 13.00	Pass
16QAM				
1745.0	20	6.03	≤ 13.00	Pass
64QAM				
1745.0	20	6.45	≤ 13.00	Pass
256QAM				
1745.0	20	6.65	≤ 13.00	Pass



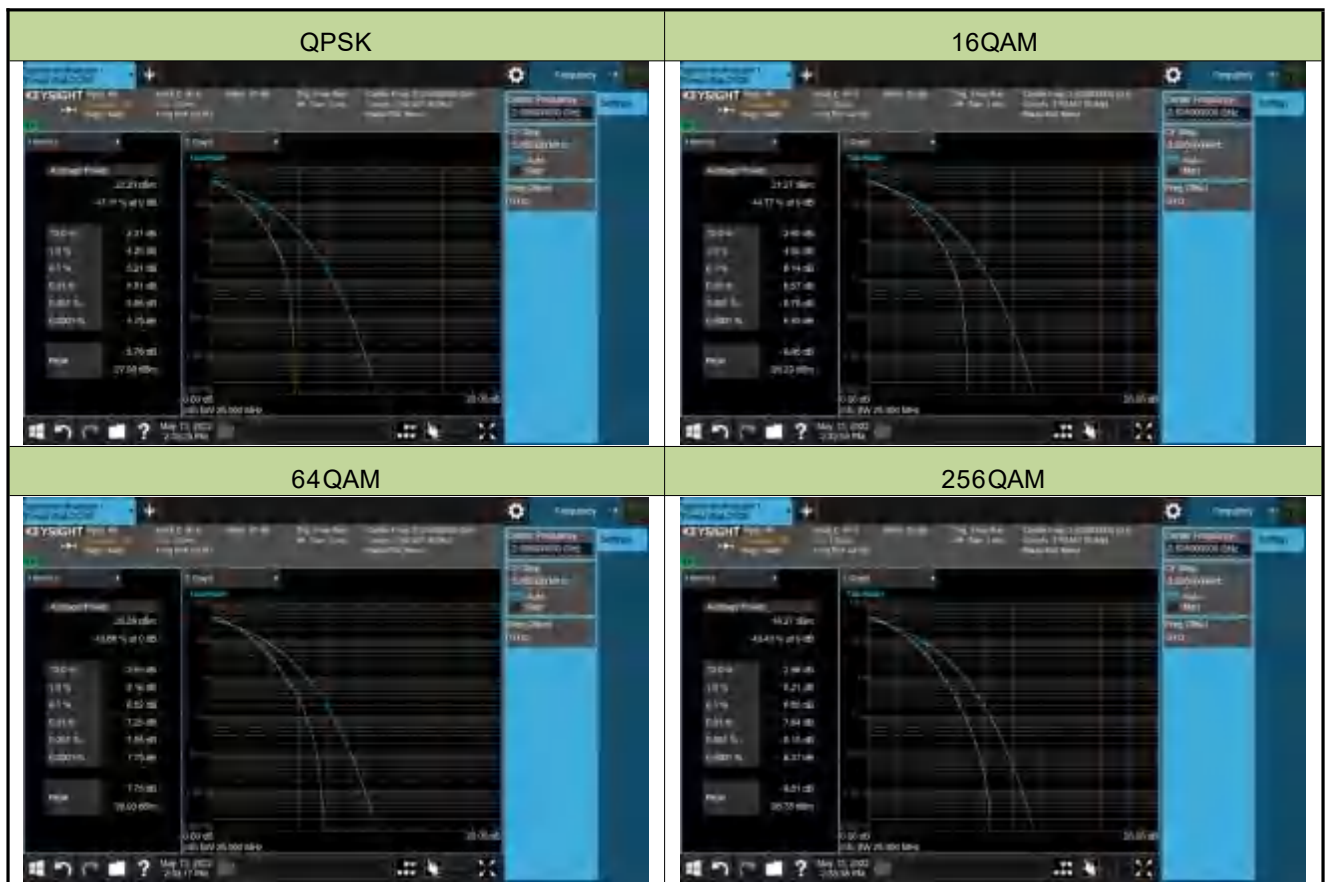
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	Band 5/26

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
836.5	10	5.54	≤ 13.00	Pass
16QAM				
836.5	10	6.32	≤ 13.00	Pass
64QAM				
836.5	10	6.69	≤ 13.00	Pass
256QAM				
836.5	10	6.78	≤ 13.00	Pass



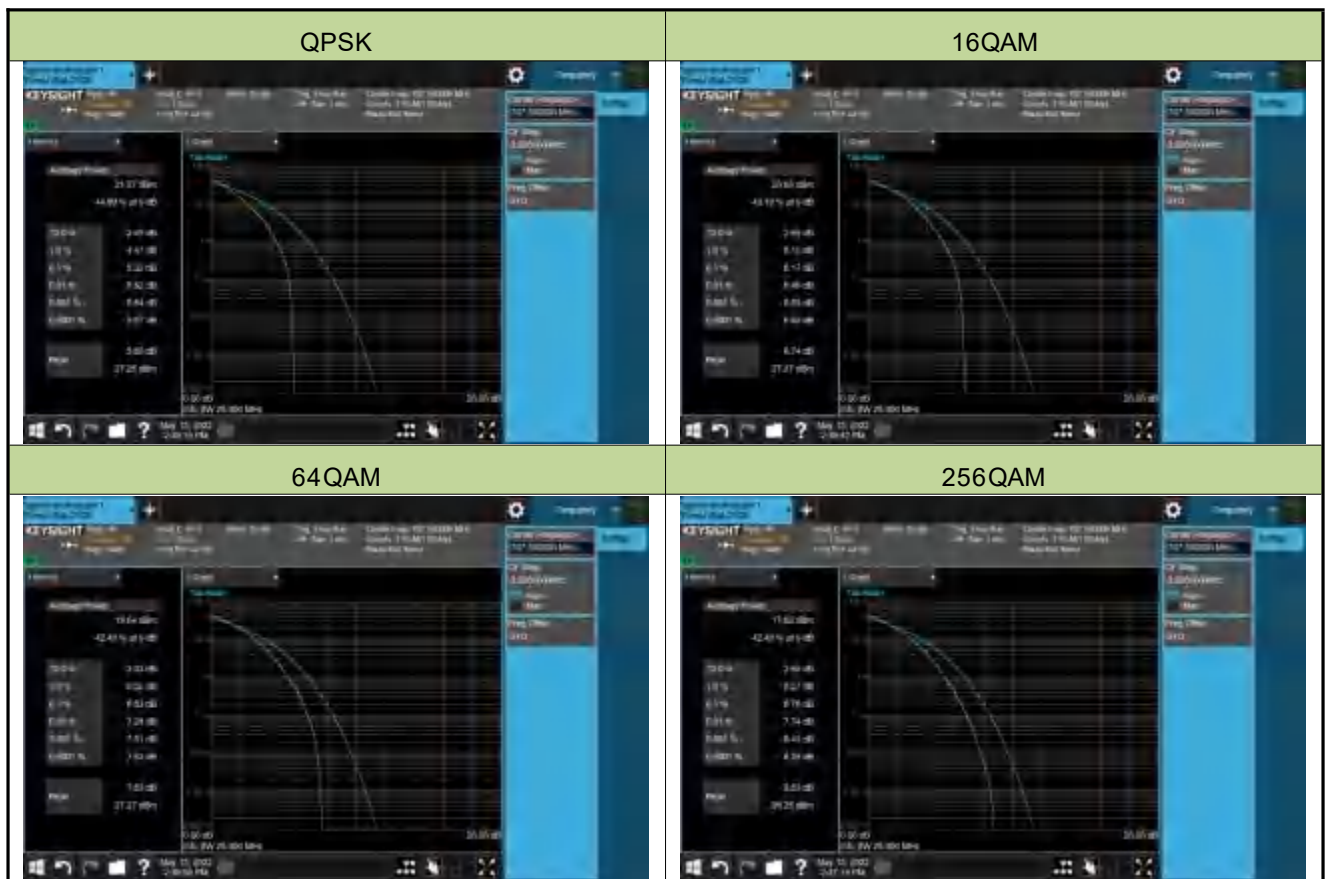
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	LTE Band 7

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
2535.0	20	5.21	≤ 13.00	Pass
16QAM				
2535.0	20	6.14	≤ 13.00	Pass
64QAM				
2535.0	20	6.52	≤ 13.00	Pass
256QAM				
2535.0	20	6.65	≤ 13.00	Pass



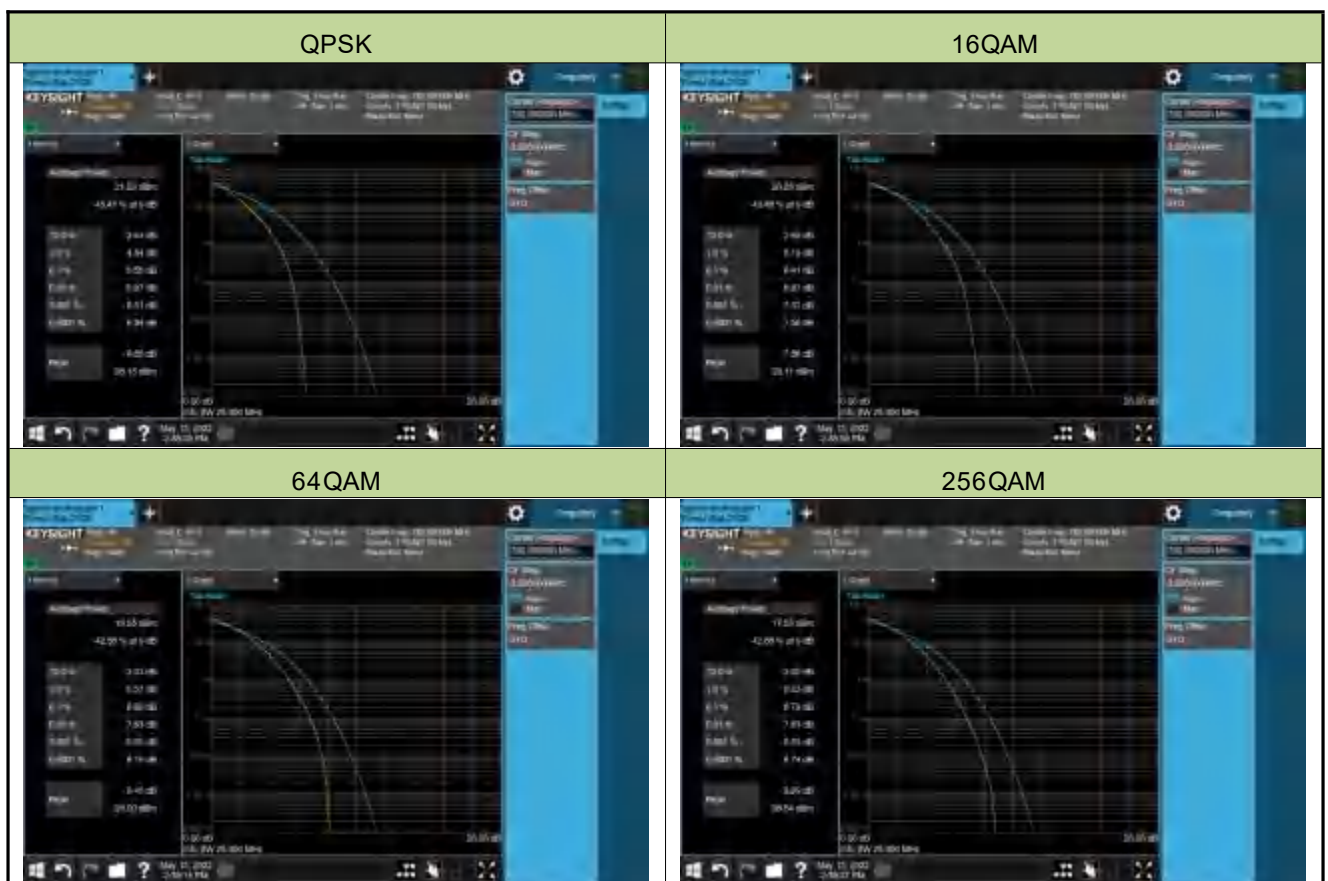
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	LTE Band 12

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
707.5	10	5.32	≤ 13.00	Pass
16QAM				
707.5	10	6.17	≤ 13.00	Pass
64QAM				
707.5	10	6.63	≤ 13.00	Pass
256QAM				
707.5	10	6.76	≤ 13.00	Pass



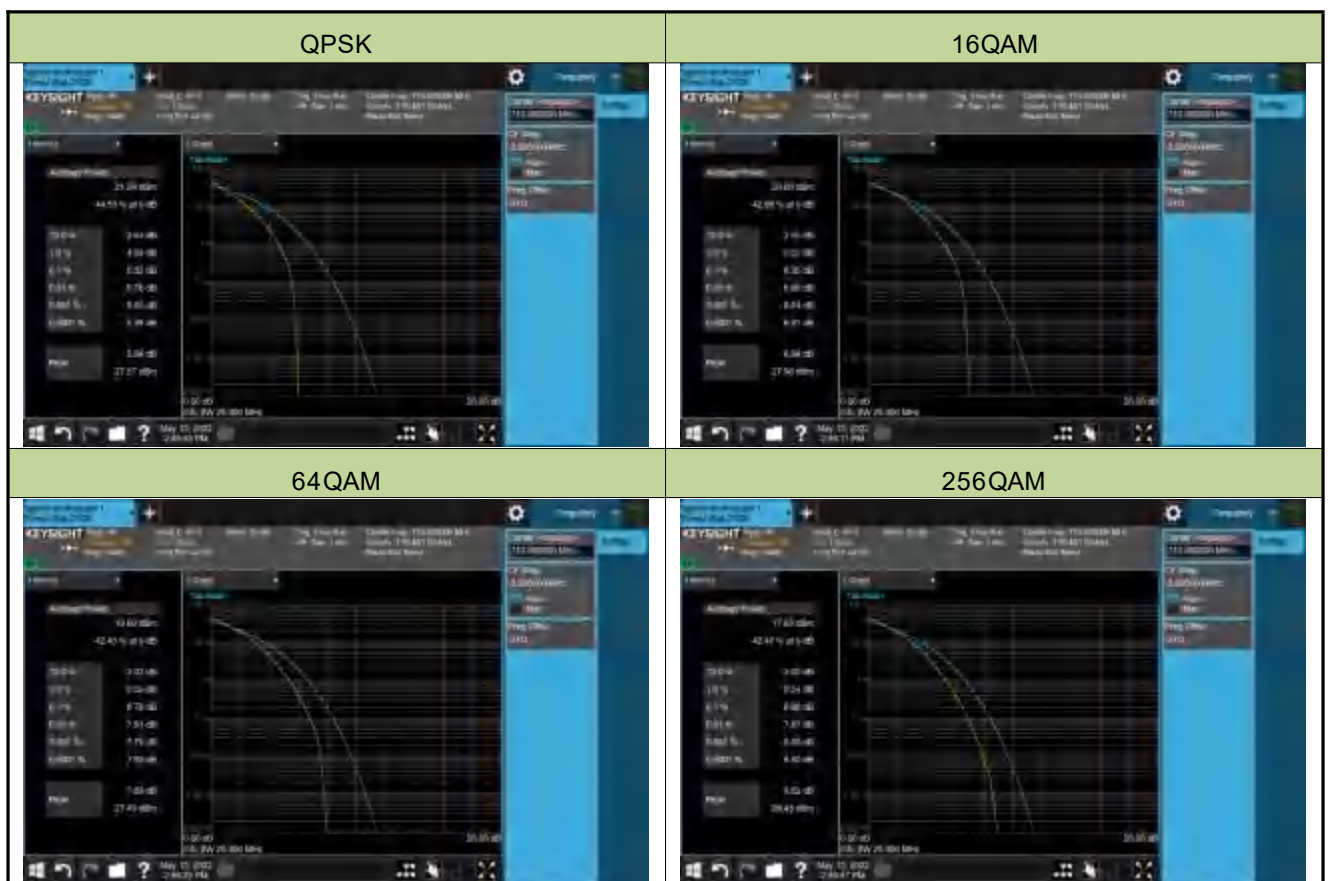
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	LTE Band 13

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
782	10	5.55	≤ 13.00	Pass
16QAM				
782	10	6.41	≤ 13.00	Pass
64QAM				
782	10	6.80	≤ 13.00	Pass
256QAM				
782	10	6.79	≤ 13.00	Pass



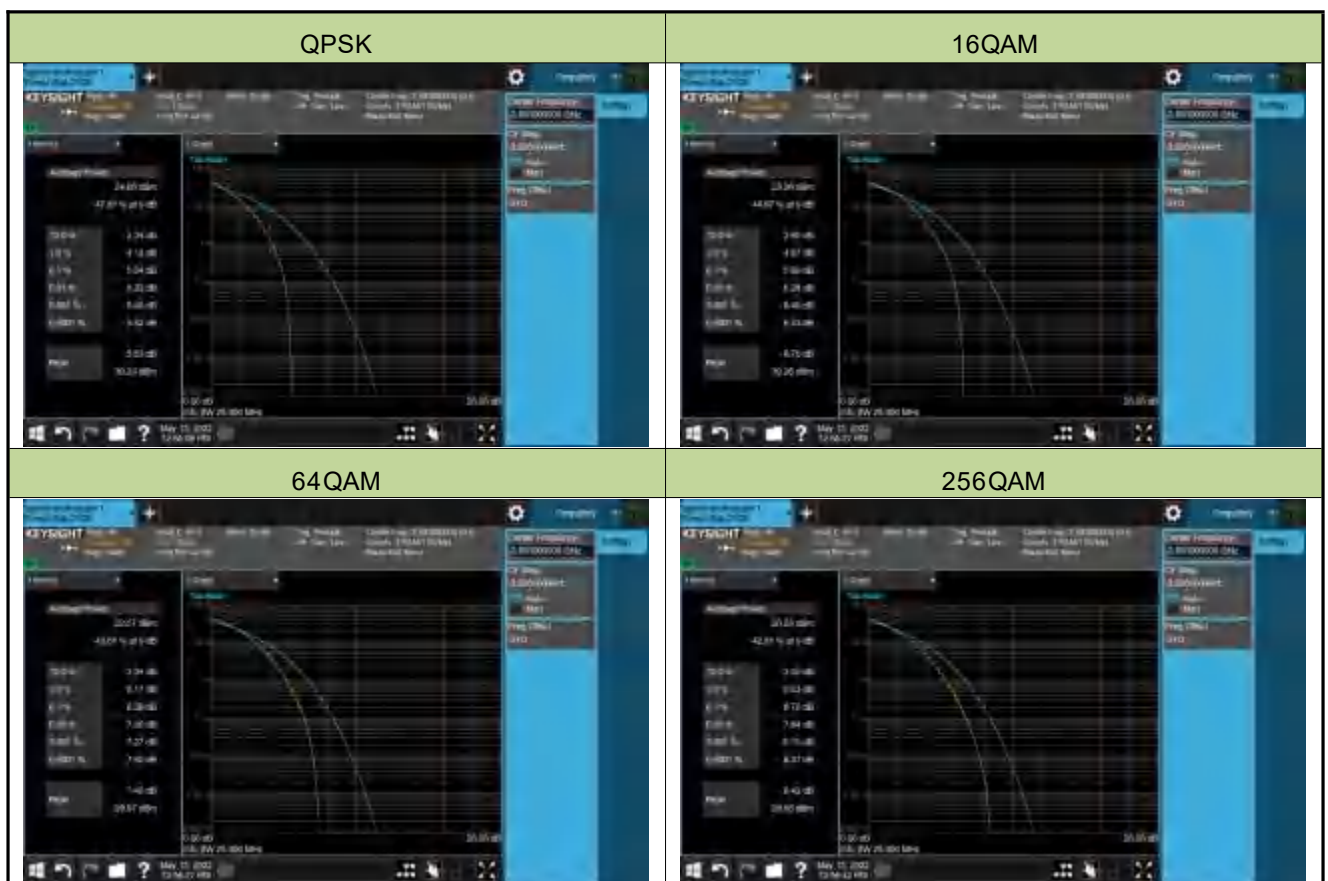
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	LTE Band 17

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
710.0	10	5.52	≤ 13.00	Pass
16QAM				
710.0	10	6.35	≤ 13.00	Pass
64QAM				
710.0	10	6.78	≤ 13.00	Pass
256QAM				
710.0	10	6.86	≤ 13.00	Pass



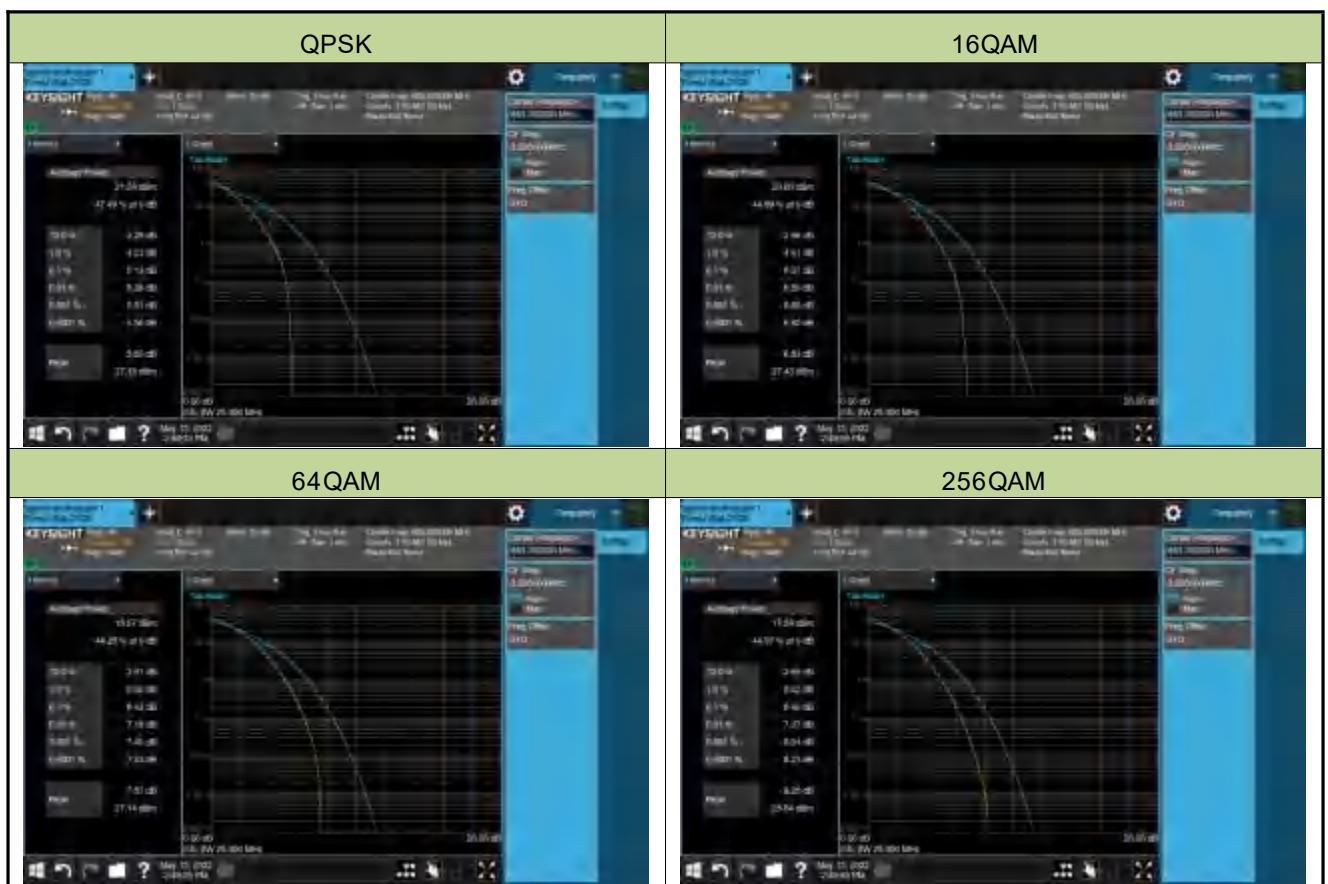
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	LTE Band 38/41_HPUE

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
2593.0	20	5.04	≤ 13.00	Pass
16QAM				
2593.0	20	5.89	≤ 13.00	Pass
64QAM				
2593.0	20	6.38	≤ 13.00	Pass
256QAM				
2593.0	20	6.70	≤ 13.00	Pass



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/13	Test Band	LTE Band 71

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
680.5	20	5.13	≤ 13.00	Pass
16QAM				
680.5	20	6.07	≤ 13.00	Pass
64QAM				
680.5	20	6.42	≤ 13.00	Pass
256QAM				
680.5	20	6.40	≤ 13.00	Pass

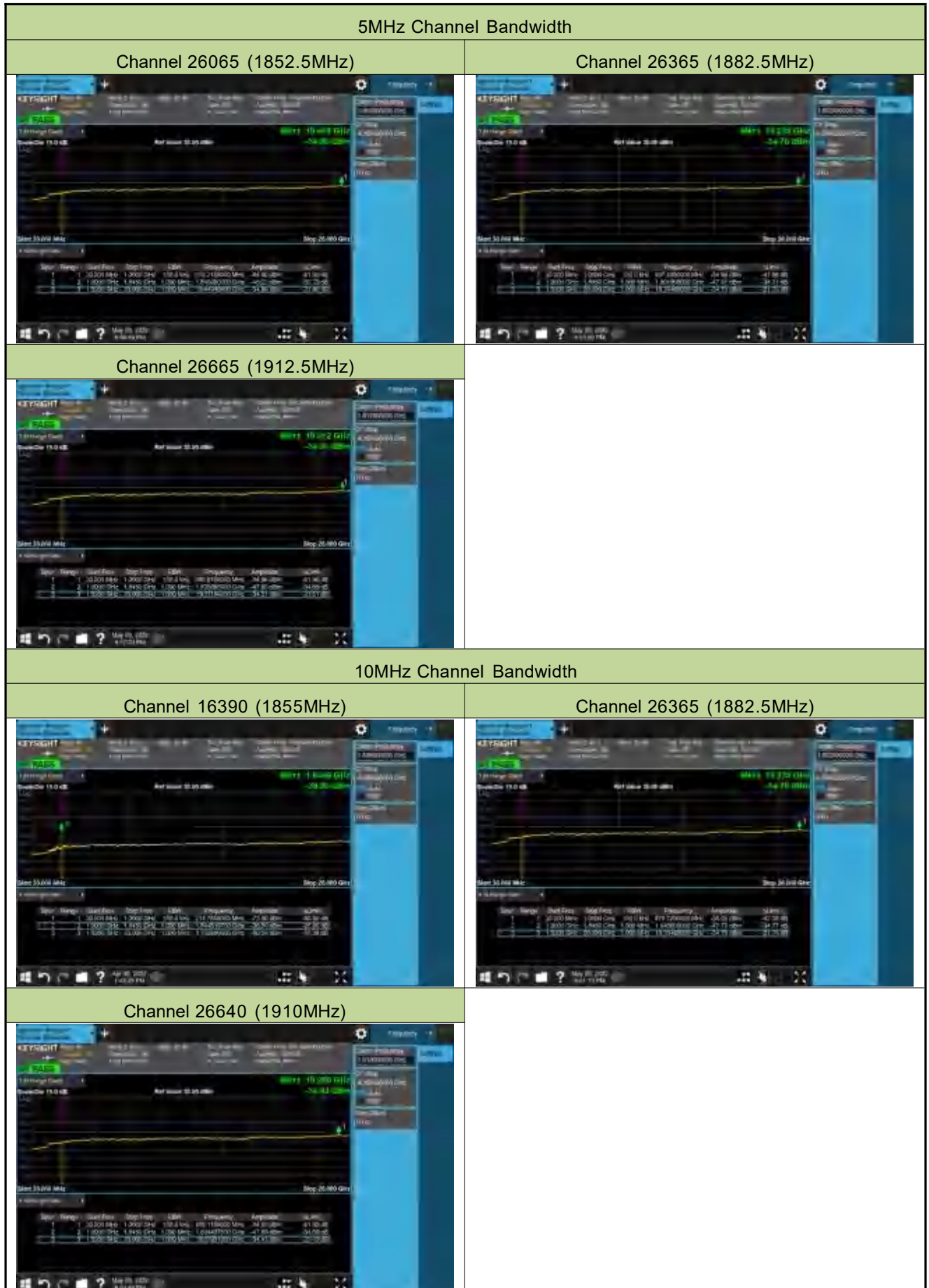


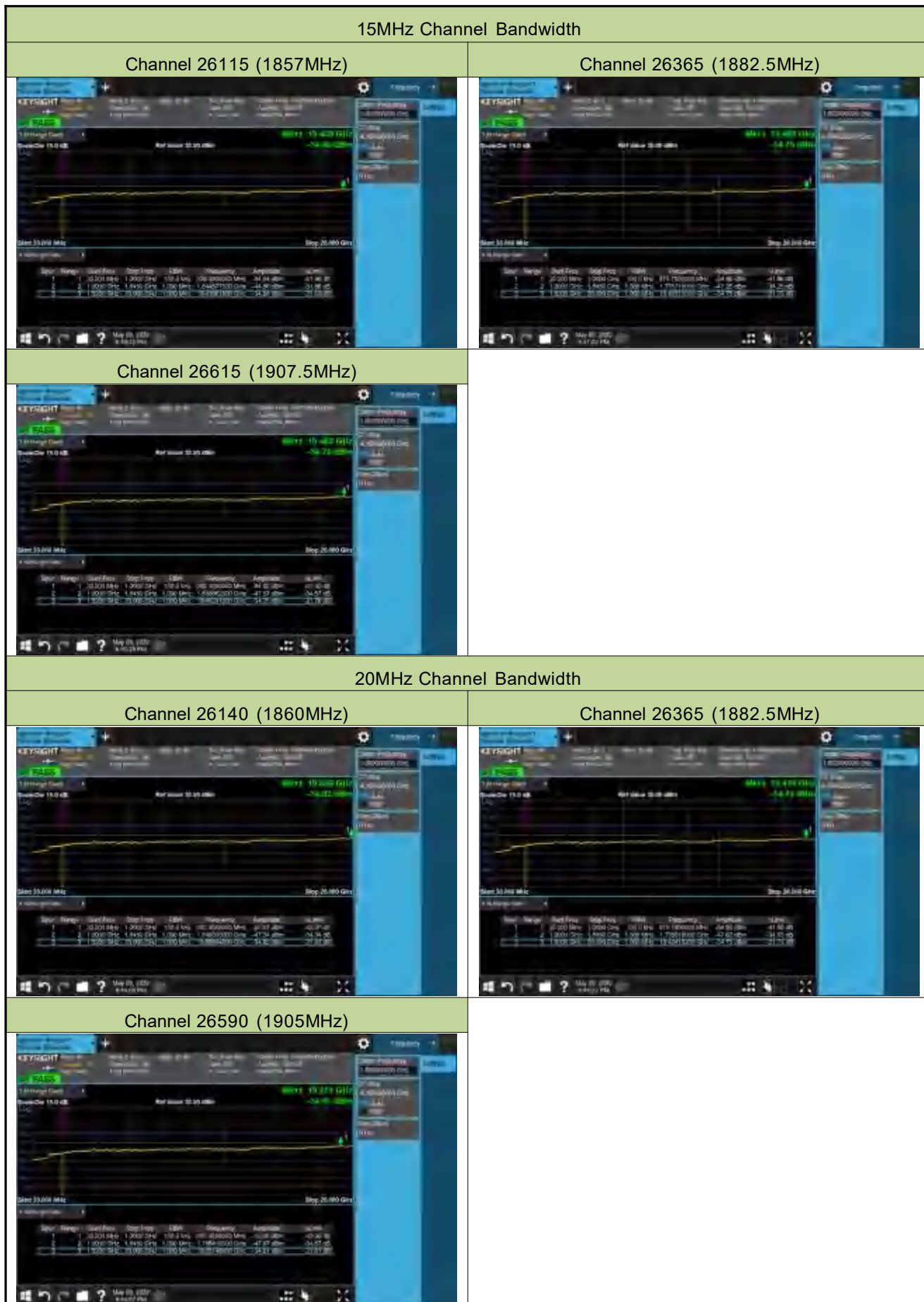
A.6 Conducted Spurious Emissions Test Result

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 2/25, 1RB, QPSK

Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
1850.7	1.4	30 ~ 20000	-34.70	≤ -13.00	Pass
1882.5	1.4	30 ~ 20000	-34.53	≤ -13.00	Pass
1914.3	1.4	30 ~ 20000	-34.64	≤ -13.00	Pass
1851.5	3	30 ~ 20000	-34.70	≤ -13.00	Pass
1882.5	3	30 ~ 20000	-34.42	≤ -13.00	Pass
1913.5	3	30 ~ 20000	-34.56	≤ -13.00	Pass
1852.5	5	30 ~ 20000	-34.80	≤ -13.00	Pass
1882.5	5	30 ~ 20000	-34.70	≤ -13.00	Pass
1912.5	5	30 ~ 20000	-34.51	≤ -13.00	Pass
1855.0	10	30 ~ 20000	-38.90	≤ -13.00	Pass
1882.5	10	30 ~ 20000	-34.78	≤ -13.00	Pass
1910.0	10	30 ~ 20000	-34.43	≤ -13.00	Pass
1857.5	15	30 ~ 20000	-34.68	≤ -13.00	Pass
1882.5	15	30 ~ 20000	-34.75	≤ -13.00	Pass
1907.5	15	30 ~ 20000	-34.76	≤ -13.00	Pass
1860.0	20	30 ~ 20000	-34.82	≤ -13.00	Pass
1882.5	20	30 ~ 20000	-34.73	≤ -13.00	Pass
1905.0	20	30 ~ 20000	-34.61	≤ -13.00	Pass









Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 4/66, 1RB, QPSK

Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
1710.7	1.4	30 ~ 20000	-34.74	≤ -13.00	Pass
1745.0	1.4	30 ~ 20000	-34.71	≤ -13.00	Pass
1779.3	1.4	30 ~ 20000	-34.59	≤ -13.00	Pass
1711.5	3	30 ~ 20000	-34.66	≤ -13.00	Pass
1745.0	3	30 ~ 20000	-34.63	≤ -13.00	Pass
1778.5	3	30 ~ 20000	-34.73	≤ -13.00	Pass
1712.5	5	30 ~ 20000	-34.71	≤ -13.00	Pass
1745.0	5	30 ~ 20000	-34.67	≤ -13.00	Pass
1777.5	5	30 ~ 20000	-34.67	≤ -13.00	Pass
1715.0	10	30 ~ 20000	-34.66	≤ -13.00	Pass
1745.0	10	30 ~ 20000	-34.65	≤ -13.00	Pass
1775.0	10	30 ~ 20000	-34.69	≤ -13.00	Pass
1717.5	15	30 ~ 20000	-34.73	≤ -13.00	Pass
1745.0	15	30 ~ 20000	-34.82	≤ -13.00	Pass
1772.5	15	30 ~ 20000	-34.73	≤ -13.00	Pass
1720.0	20	30 ~ 20000	-34.88	≤ -13.00	Pass
1745.0	20	30 ~ 20000	-34.76	≤ -13.00	Pass
1770.0	20	30 ~ 20000	-34.82	≤ -13.00	Pass

1.4 MHz Channel Bandwidth

Channel 131979 (1710.7MHz)



Channel 132322 (1745MHz)



Channel 132665 (1779.3MHz)



3MHz Channel Bandwidth

Channel 131987 (1711.5MHz)

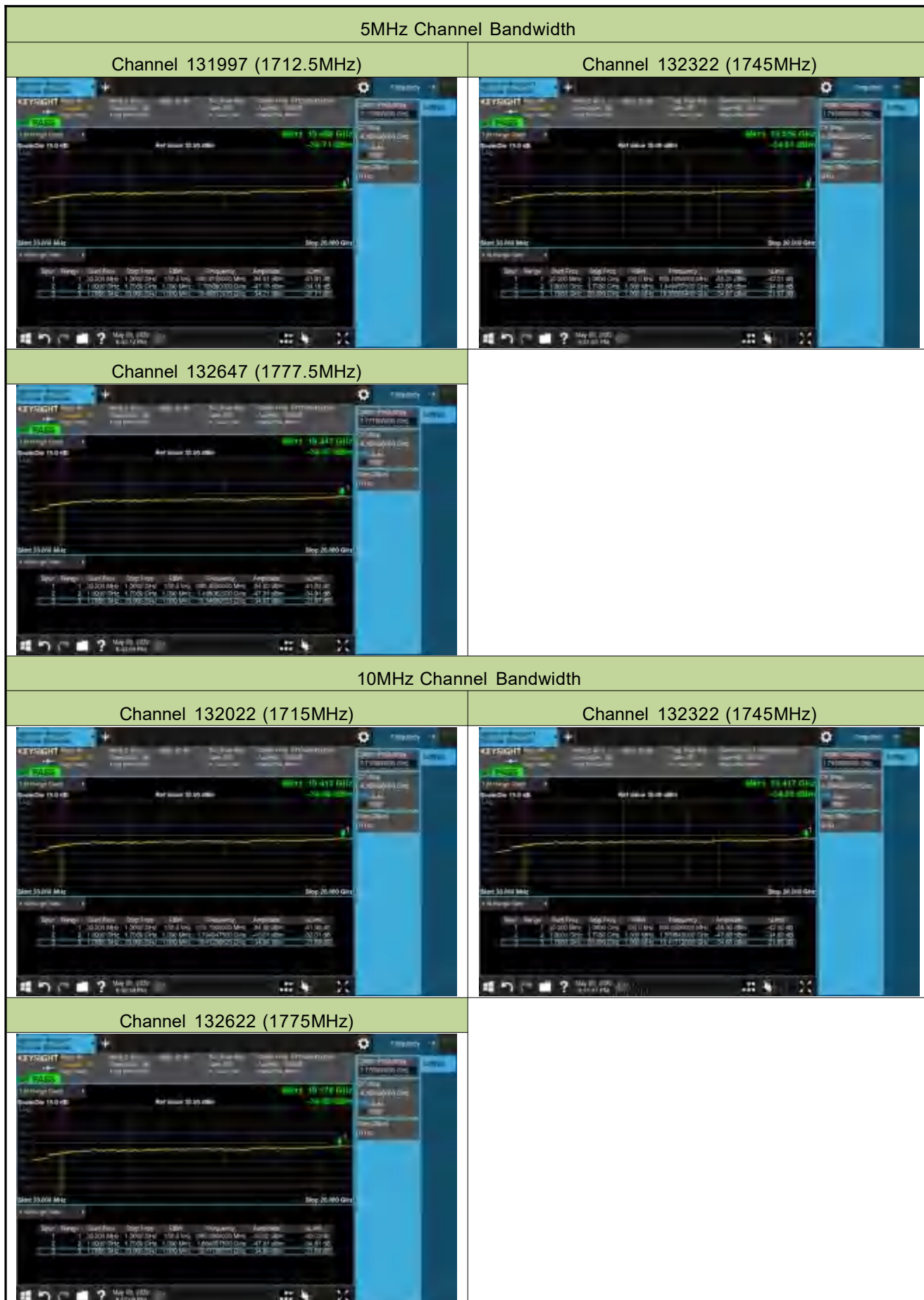


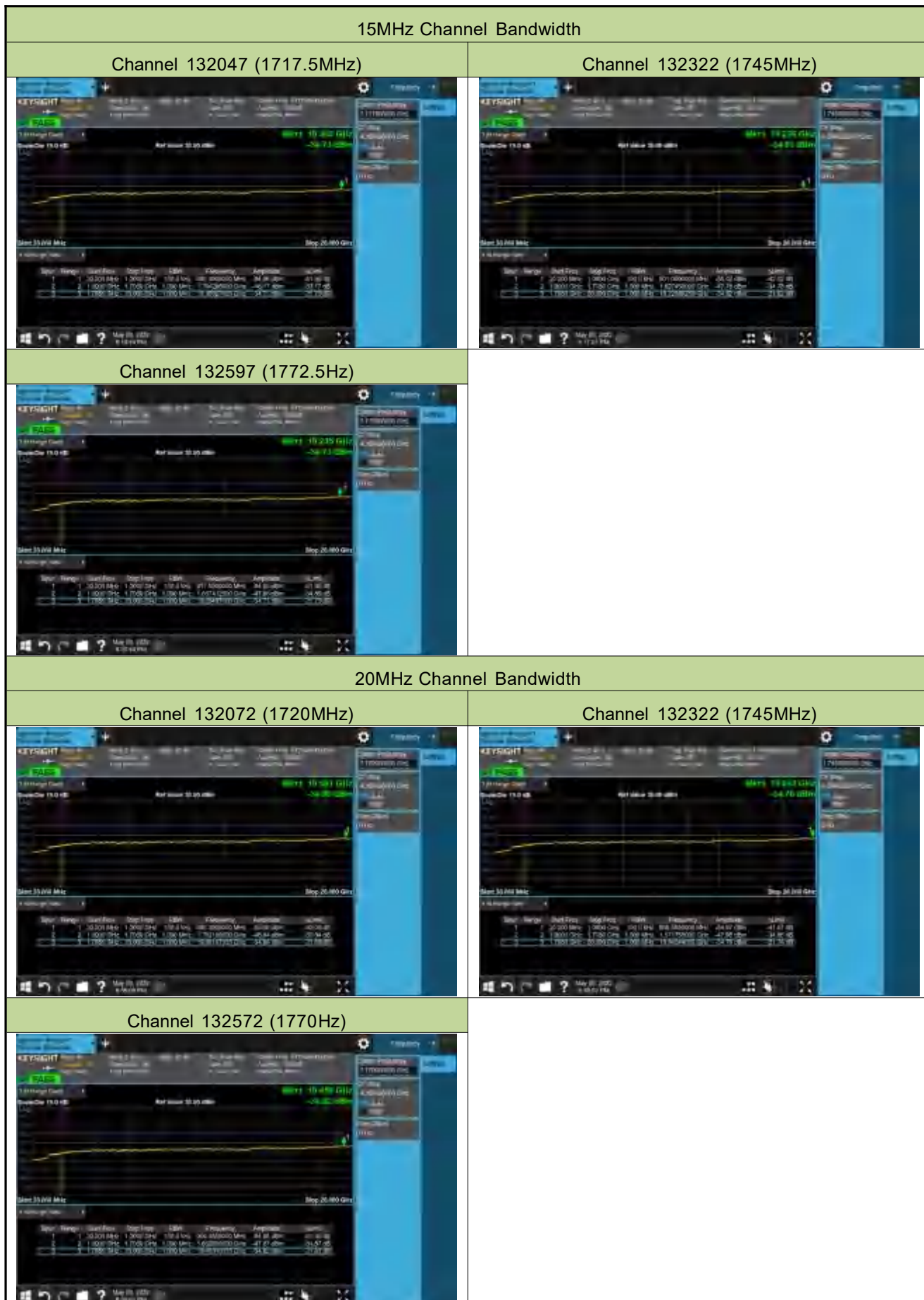
Channel 132322 (1745MHz)



Channel 132657 (1778.5MHz)







Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 5/26, 1RB, QPSK

Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
824.7	1.4	30 ~ 10000	-40.26	≤ -13.00	Pass
836.5	1.4	30 ~ 10000	-40.23	≤ -13.00	Pass
848.3	1.4	30 ~ 10000	-40.28	≤ -13.00	Pass
825.5	3	30 ~ 10000	-40.17	≤ -13.00	Pass
836.5	3	30 ~ 10000	-40.04	≤ -13.00	Pass
847.5	3	30 ~ 10000	-40.37	≤ -13.00	Pass
826.5	5	30 ~ 10000	-40.18	≤ -13.00	Pass
836.5	5	30 ~ 10000	-40.19	≤ -13.00	Pass
846.5	5	30 ~ 10000	-40.05	≤ -13.00	Pass
829.0	10	30 ~ 10000	-40.32	≤ -13.00	Pass
836.5	10	30 ~ 10000	-39.75	≤ -13.00	Pass
844.0	10	30 ~ 10000	-40.22	≤ -13.00	Pass



5MHz Channel Bandwidth

Channel 26715 (816.5MHz)



Channel 26865 (831.5MHz)



Channel 27015 (846.5MHz)



10MHz Channel Bandwidth

Channel 26740 (819MHz)



Channel 26865 (831.5MHz)



Channel 26990 (844MHz)

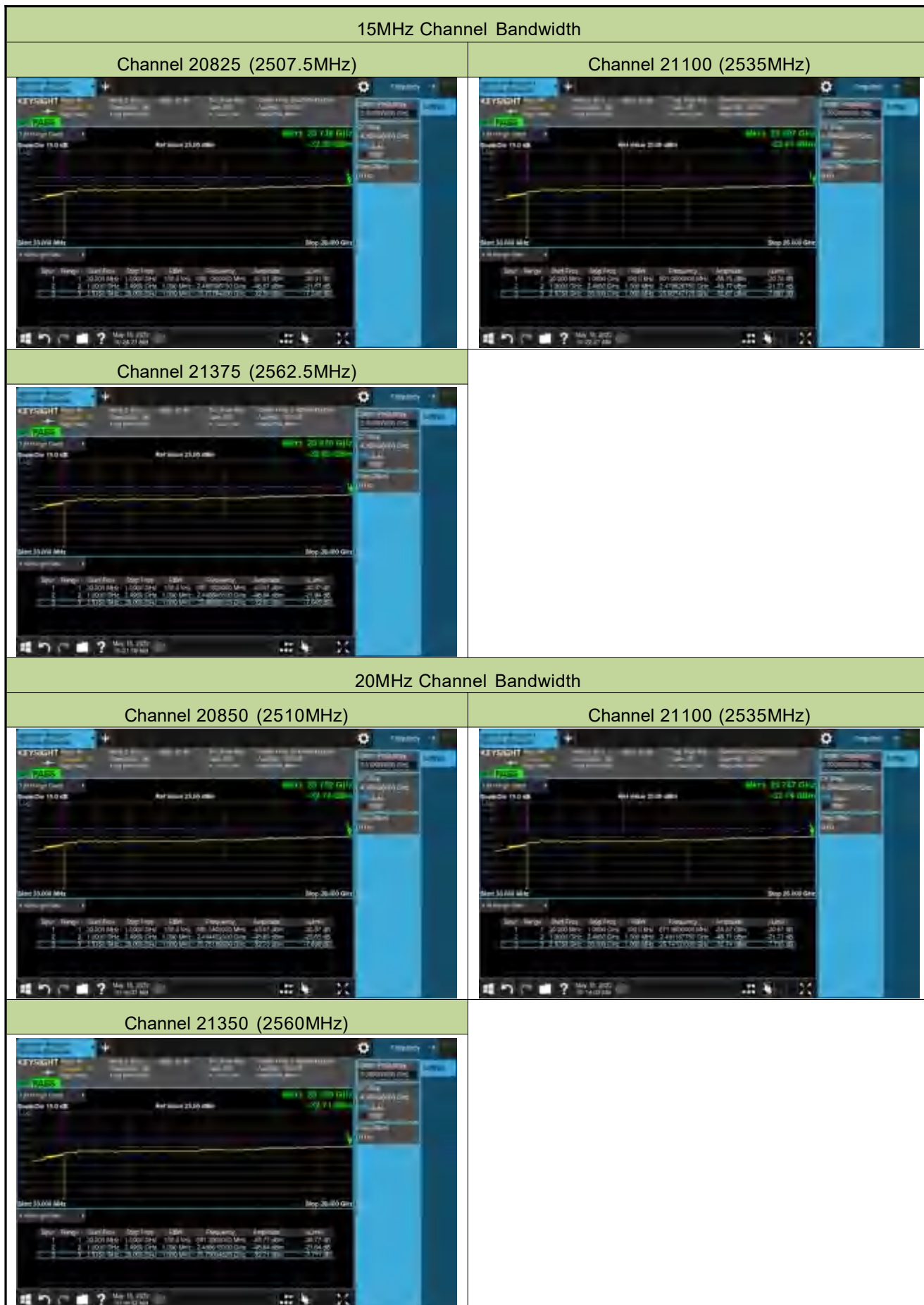




Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/17	Test Band	LTE Band 7, 1RB, QPSK

Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2502.5	5	30 ~ 26000	-42.13	≤ -25.00	Pass
2535.0	5	30 ~ 26000	-42.26	≤ -25.00	Pass
2567.5	5	30 ~ 26000	-42.15	≤ -25.00	Pass
2505.0	10	30 ~ 26000	-32.62	≤ -25.00	Pass
2535.0	10	30 ~ 26000	-32.50	≤ -25.00	Pass
2565.0	10	30 ~ 26000	-32.62	≤ -25.00	Pass
2507.5	15	30 ~ 26000	-32.59	≤ -25.00	Pass
2535.0	15	30 ~ 26000	-32.67	≤ -25.00	Pass
2562.5	15	30 ~ 26000	-32.65	≤ -25.00	Pass
2510.0	20	30 ~ 26000	-32.70	≤ -25.00	Pass
2535.0	20	30 ~ 26000	-32.74	≤ -25.00	Pass
2560.0	20	30 ~ 26000	-32.71	≤ -25.00	Pass

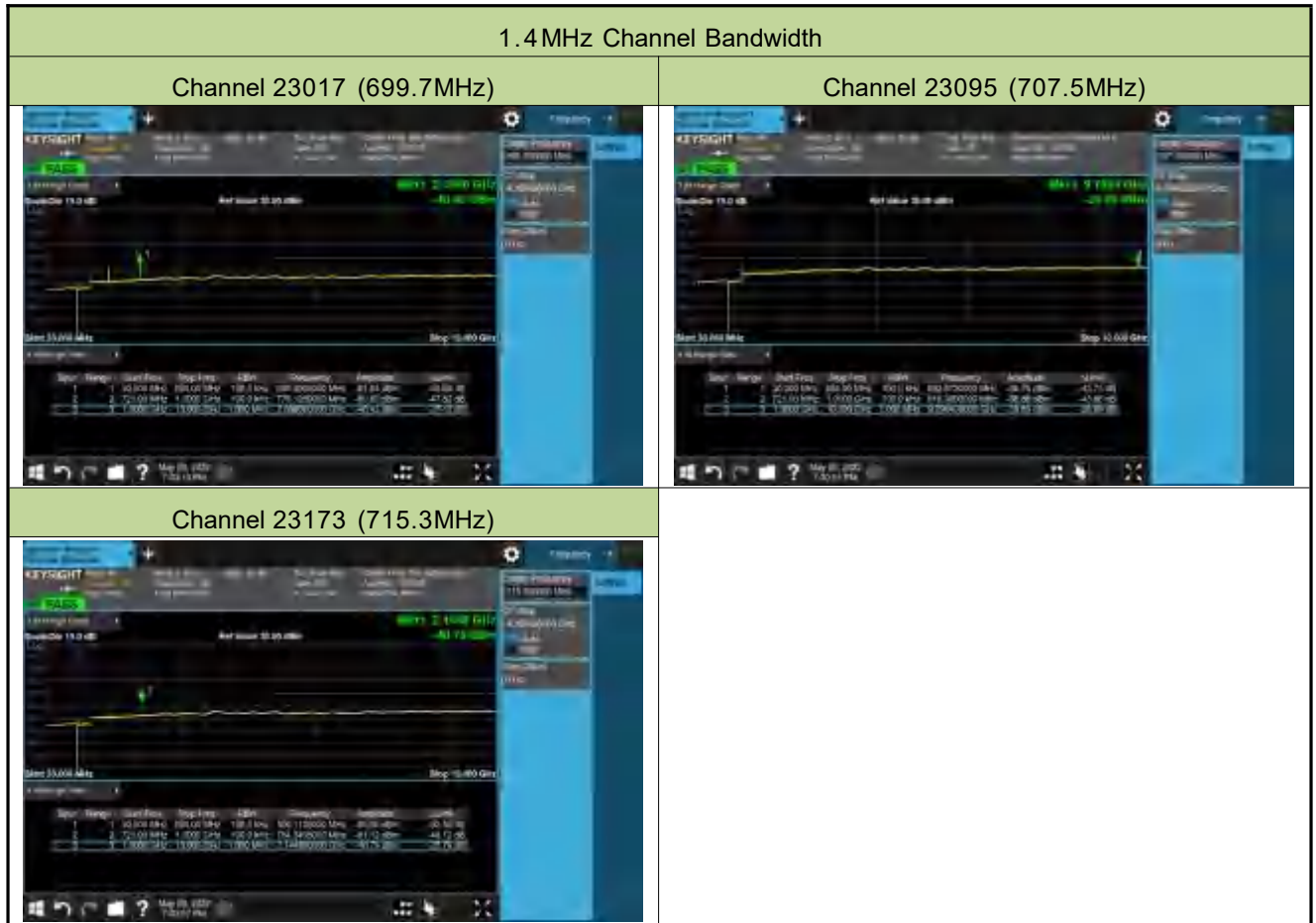


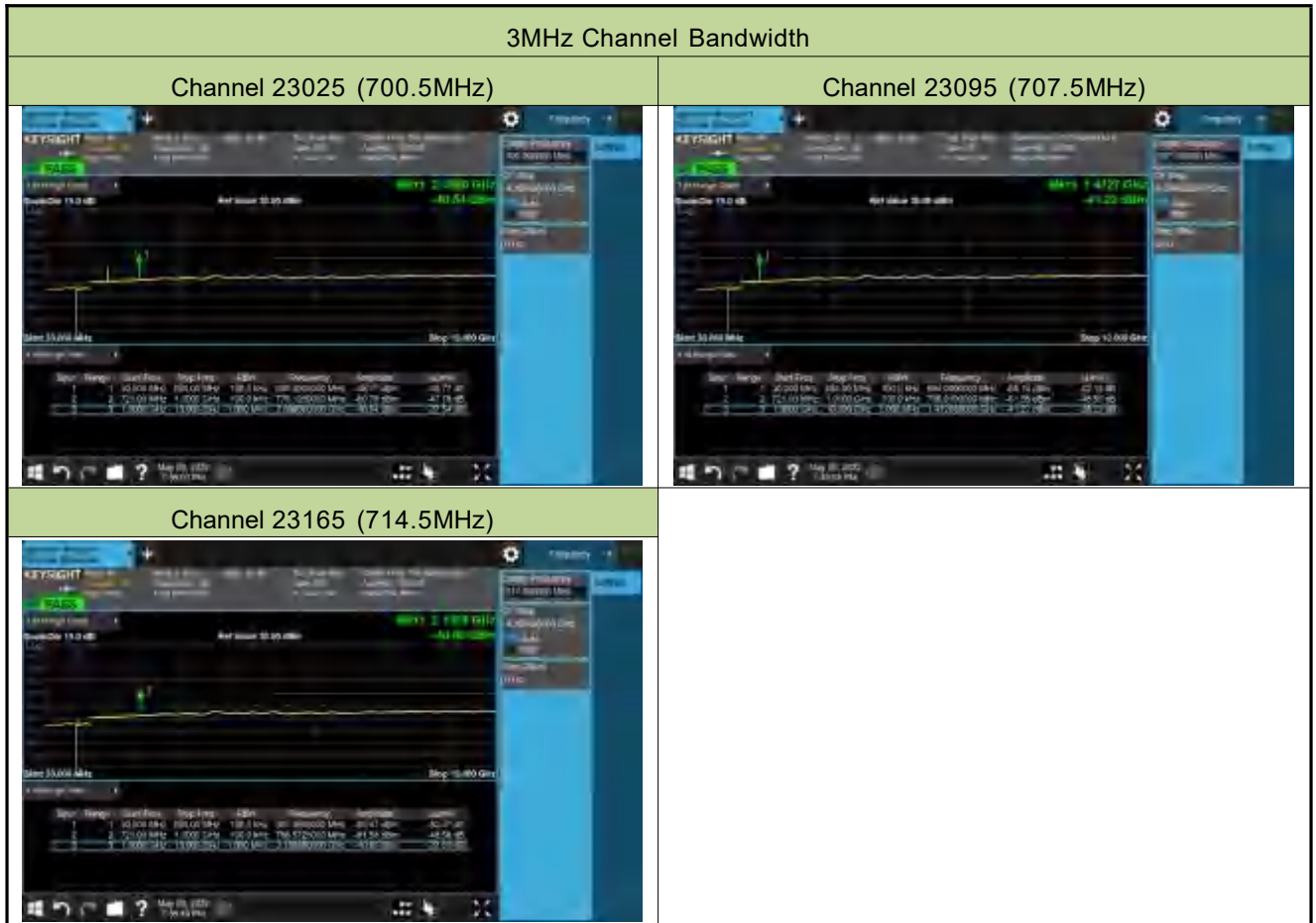


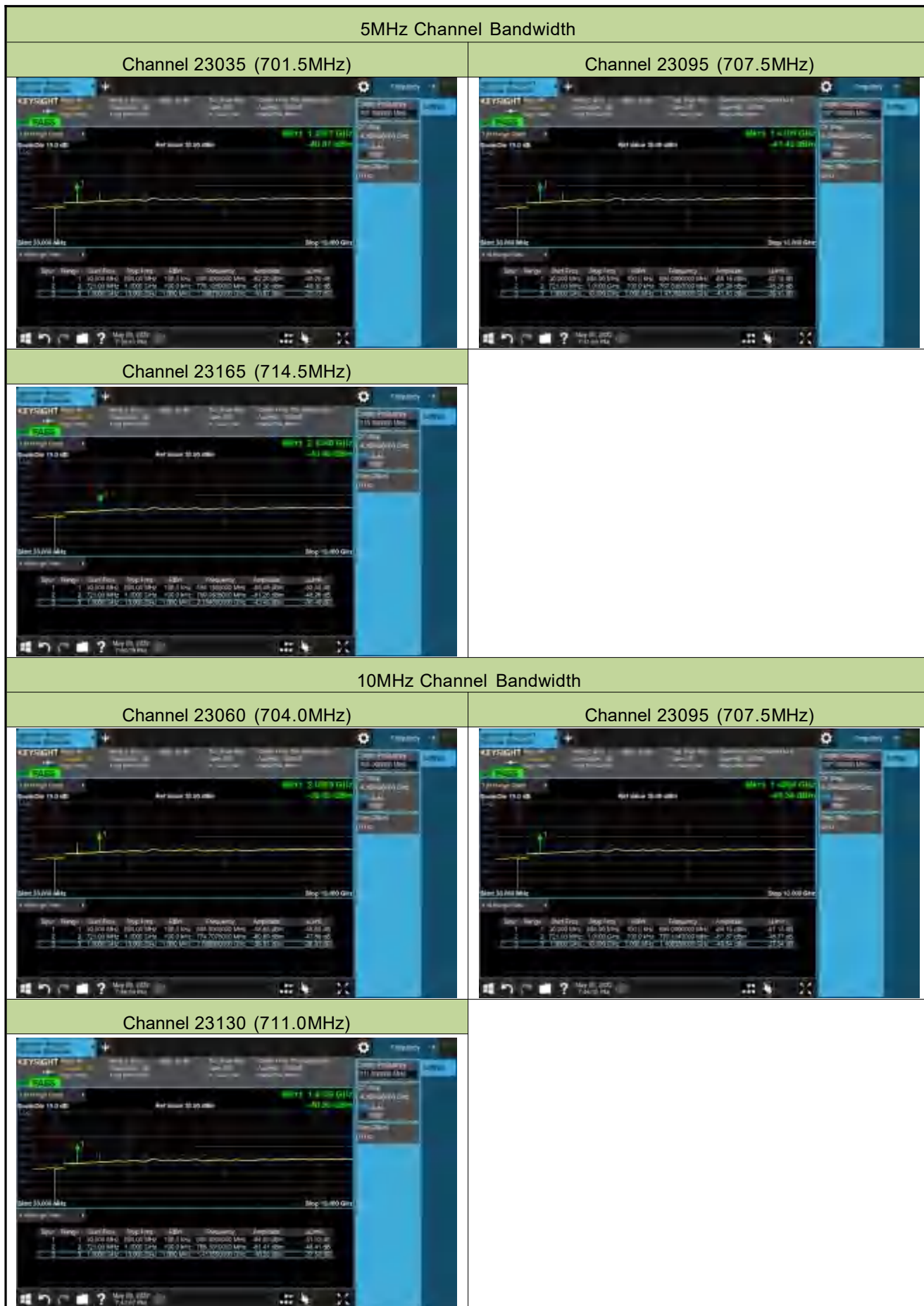


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 12, 1RB, QPSK

Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
699.7	1.4	30 ~ 10000	-40.42	≤ -13.00	Pass
707.5	1.4	30 ~ 10000	-39.89	≤ -13.00	Pass
715.3	1.4	30 ~ 10000	-40.79	≤ -13.00	Pass
700.5	3	30 ~ 10000	-40.54	≤ -13.00	Pass
707.5	3	30 ~ 10000	-41.22	≤ -13.00	Pass
714.5	3	30 ~ 10000	-40.60	≤ -13.00	Pass
701.5	5	30 ~ 10000	-40.87	≤ -13.00	Pass
707.5	5	30 ~ 10000	-41.43	≤ -13.00	Pass
713.5	5	30 ~ 10000	-43.46	≤ -13.00	Pass
704.0	10	30 ~ 10000	-39.83	≤ -13.00	Pass
707.5	10	30 ~ 10000	-40.54	≤ -13.00	Pass
711.0	10	30 ~ 10000	-40.50	≤ -13.00	Pass



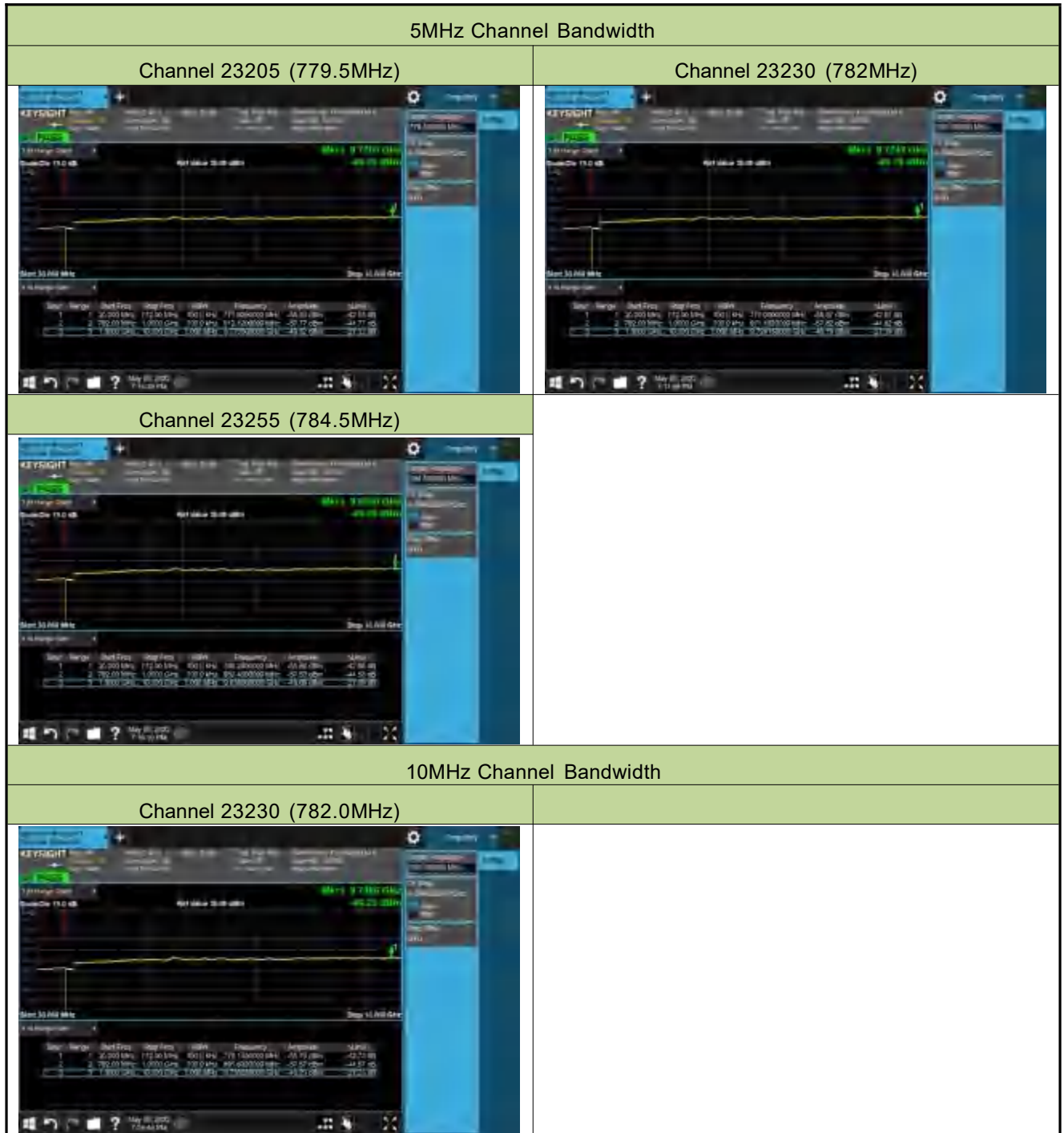






Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 13, 1RB, QPSK

Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
779.5	5	30 ~ 10000	-40.32	≤ -13.00	Pass
782.0	5	30 ~ 10000	-40.19	≤ -13.00	Pass
784.5	5	30 ~ 10000	-40.09	≤ -13.00	Pass
782.0	10	30 ~ 10000	-40.23	≤ -13.00	Pass







Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11~2022/05/17	Test Band	LTE Band 17, 1RB, QPSK

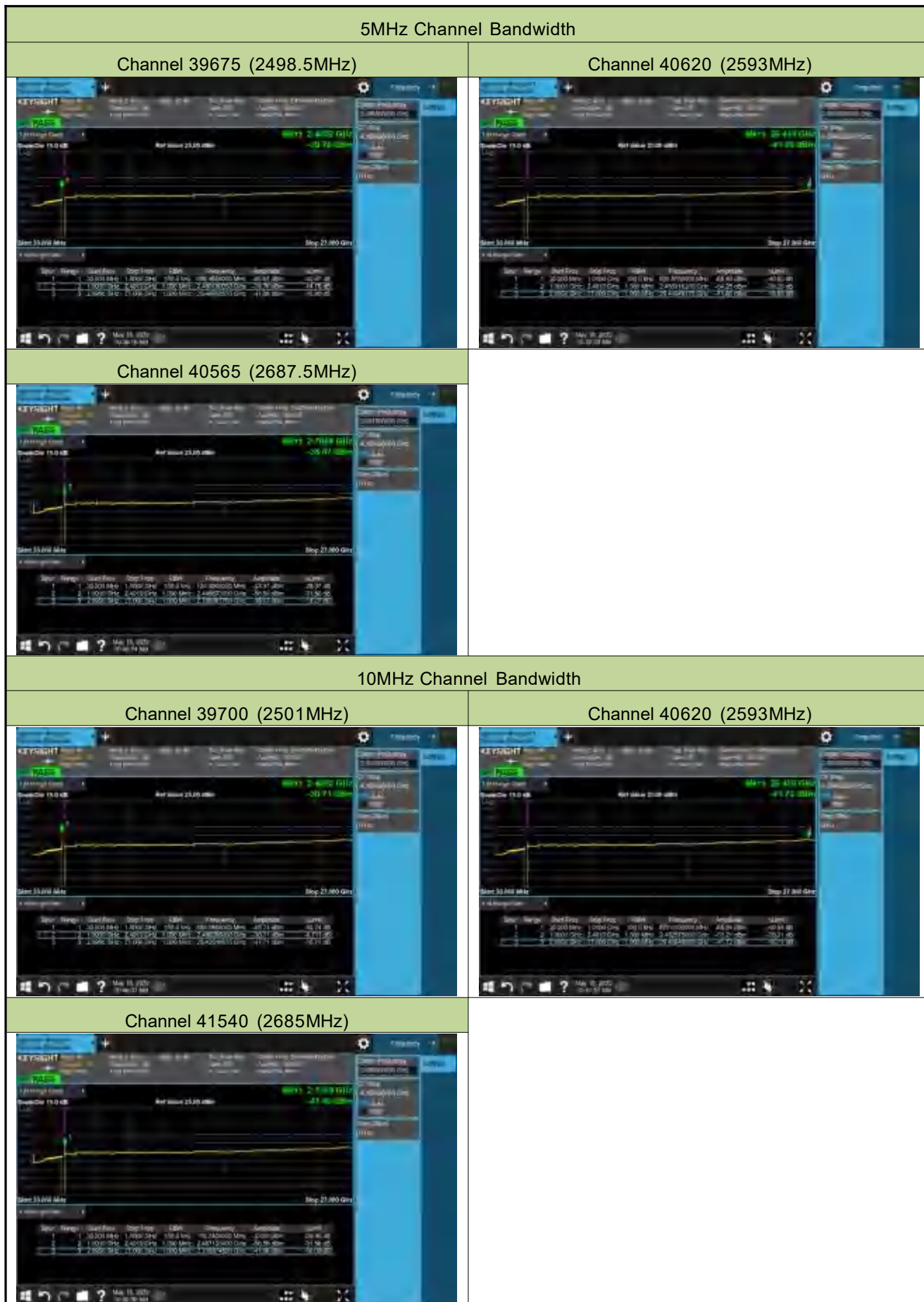
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
706.5	5	30 ~ 8000	-24.16	≤ -13.00	Pass
710.0	5	30 ~ 8000	-24.17	≤ -13.00	Pass
713.5	5	30 ~ 8000	-22.26	≤ -13.00	Pass
709.0	10	30 ~ 8000	-46.45	≤ -13.00	Pass
710.0	10	30 ~ 8000	-46.50	≤ -13.00	Pass
711.0	10	30 ~ 8000	-46.42	≤ -13.00	Pass

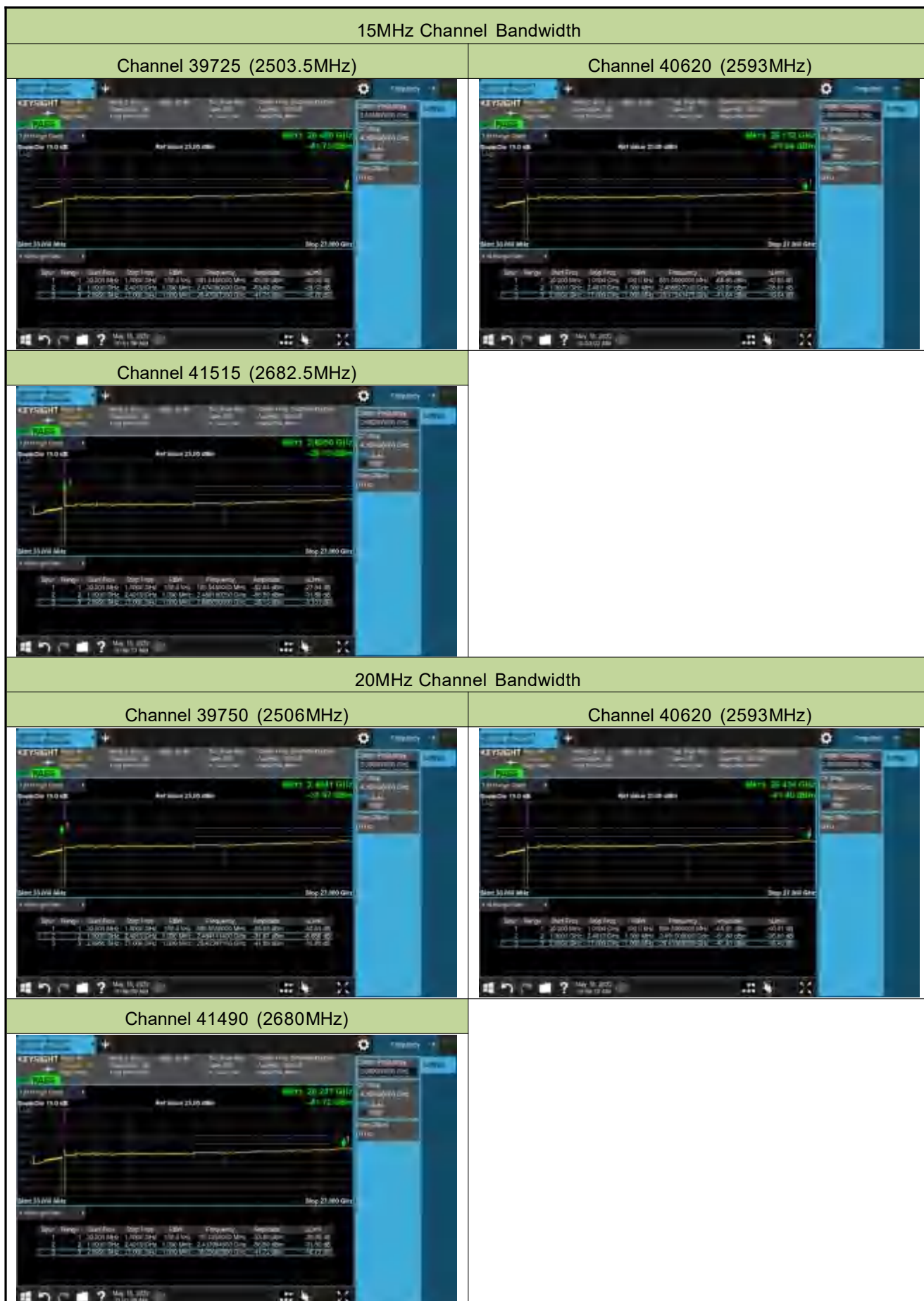




Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/18	Test Band	LTE Band 38/41_HPUE, 1RB, QPSK

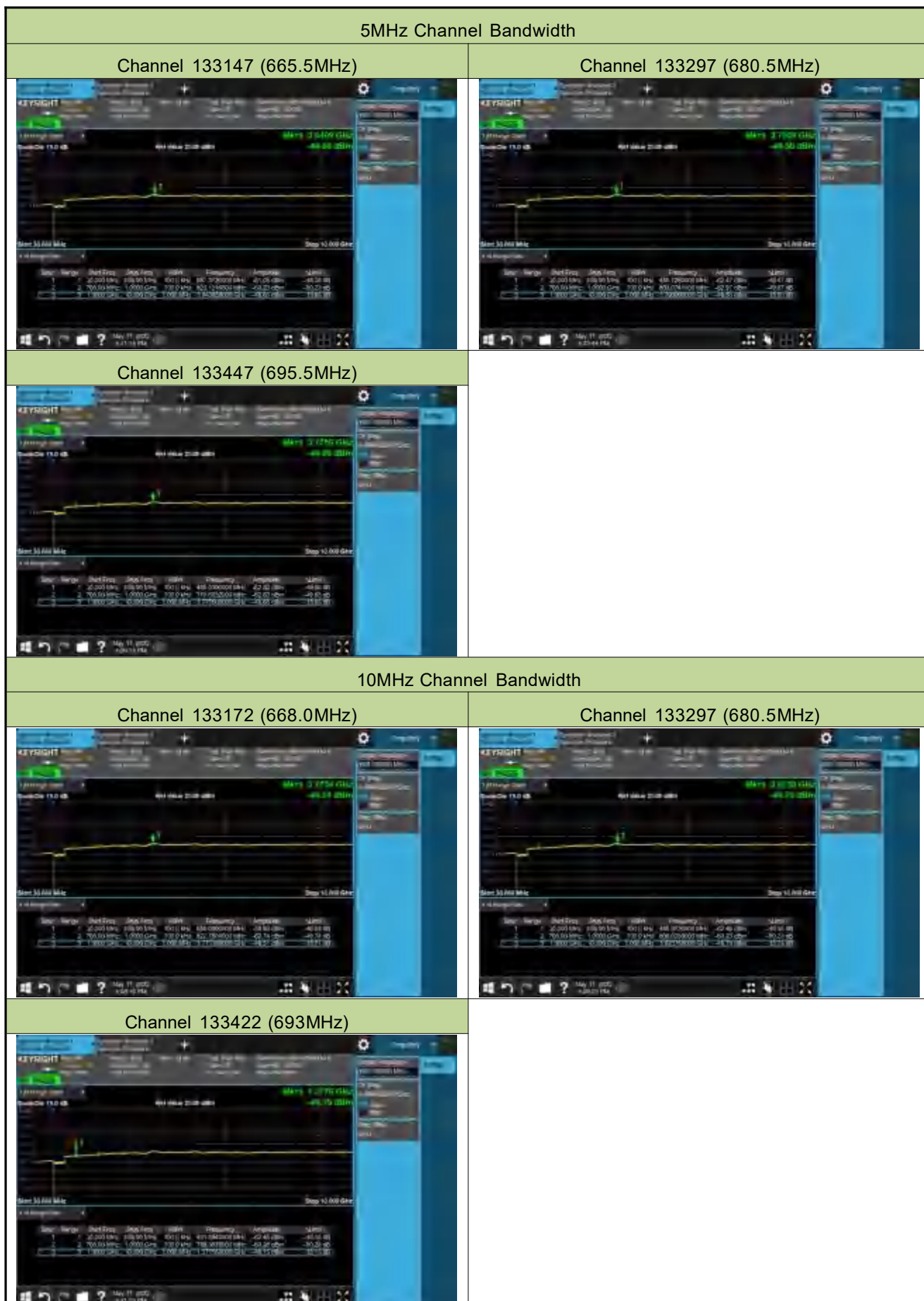
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2498.50	5	30 ~ 27000	-39.76	≤ -25.00	Pass
2593.00	5	30 ~ 27000	-41.68	≤ -25.00	Pass
2687.50	5	30 ~ 27000	-38.07	≤ -25.00	Pass
2501.00	10	30 ~ 27000	-30.71	≤ -25.00	Pass
2593.00	10	30 ~ 27000	-41.72	≤ -25.00	Pass
2685.00	10	30 ~ 27000	-41.06	≤ -25.00	Pass
2503.50	15	30 ~ 27000	-41.75	≤ -25.00	Pass
2593.00	15	30 ~ 27000	-41.64	≤ -25.00	Pass
2682.50	15	30 ~ 27000	-28.10	≤ -25.00	Pass
2506.00	20	30 ~ 27000	-31.67	≤ -25.00	Pass
2593.00	20	30 ~ 27000	-41.40	≤ -25.00	Pass
2680.00	20	30 ~ 27000	-41.72	≤ -25.00	Pass





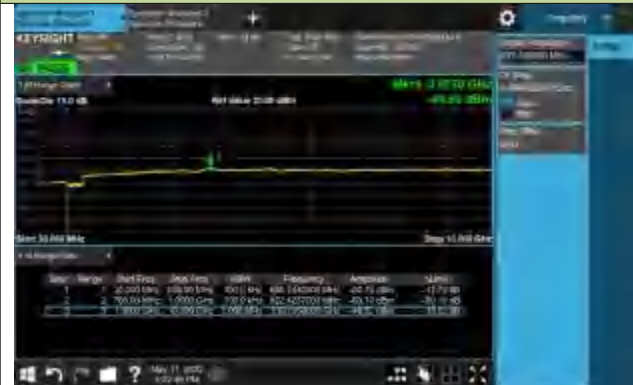
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/17	Test Band	LTE Band 71, 1RB, QPSK

Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
665.5	5	30 ~ 10000	-46.68	≤ -13.00	Pass
680.5	5	30 ~ 10000	-46.50	≤ -13.00	Pass
695.5	5	30 ~ 10000	-46.66	≤ -13.00	Pass
668.0	10	30 ~ 10000	-46.51	≤ -13.00	Pass
680.5	10	30 ~ 10000	-46.78	≤ -13.00	Pass
693.0	10	30 ~ 10000	-46.15	≤ -13.00	Pass
670.5	15	30 ~ 10000	-46.52	≤ -13.00	Pass
680.5	15	30 ~ 10000	-46.55	≤ -13.00	Pass
690.5	15	30 ~ 10000	-46.50	≤ -13.00	Pass
673.0	20	30 ~ 10000	-46.58	≤ -13.00	Pass
683.0	20	30 ~ 10000	-46.55	≤ -13.00	Pass
688.0	20	30 ~ 10000	-46.58	≤ -13.00	Pass



15MHz Channel Bandwidth

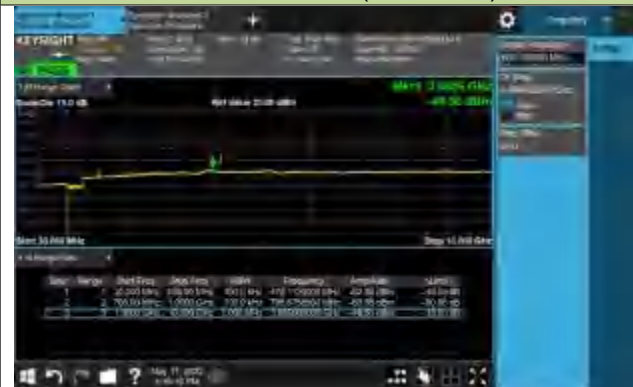
Channel 133197 (670.5MHz)



Channel 133297 (680.5MHz)



Channel 133397 (690.5MHz)



20MHz Channel Bandwidth

Channel 133222 (673.0MHz)



Channel 133322 (683.0MHz)

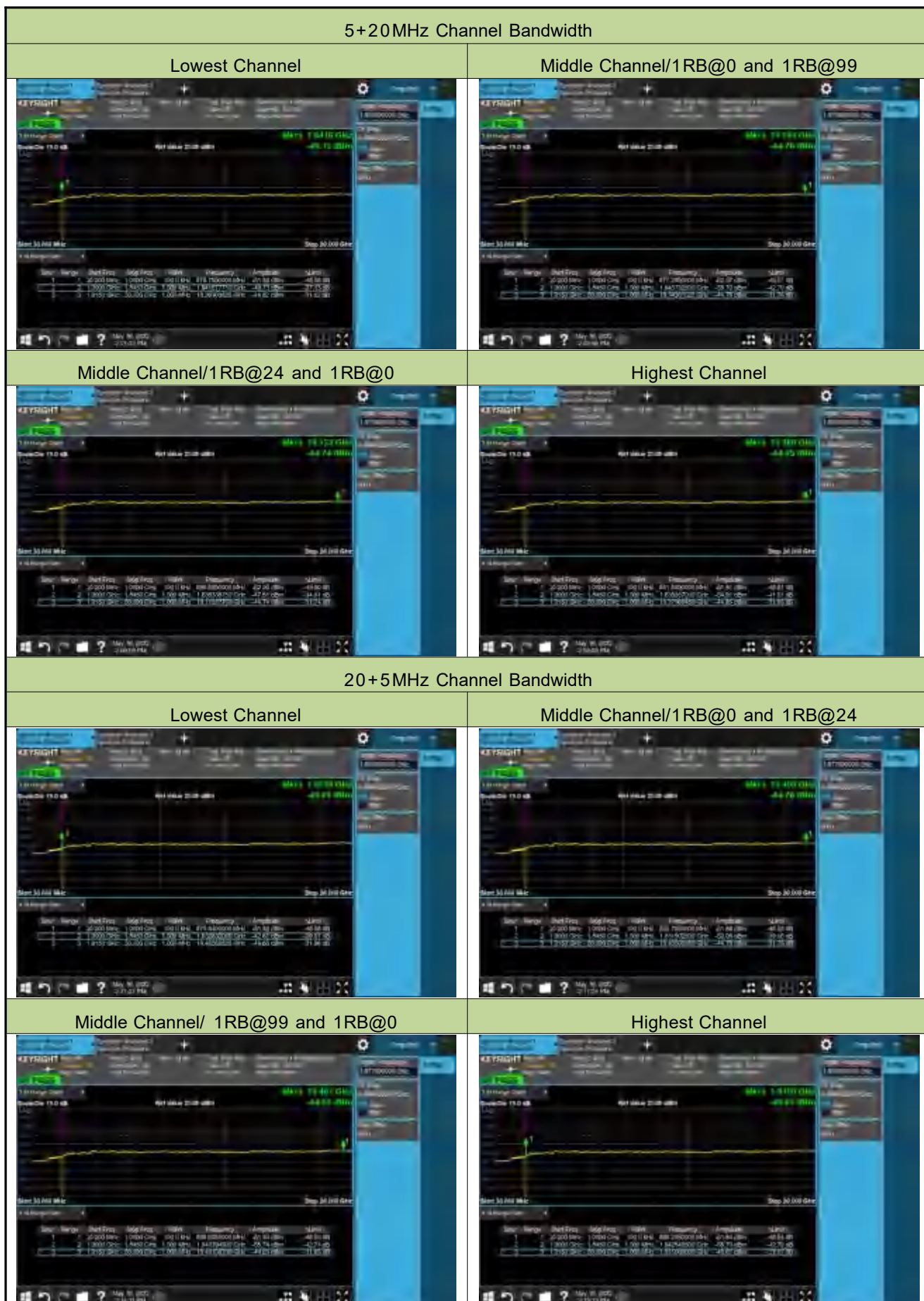


Channel 133372 (688.0MHz)



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/16	Test Band	Intra-Band CA_2C, 1RB, QPSK

Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
1853.3	1865.0	5+20	30 ~ 20000	-40.13	≤ -13.00	Pass
1870.8	1882.5	5+20	30 ~ 20000	-44.74	≤ -13.00	Pass
1888.3	1900.0	5+20	30 ~ 20000	-44.85	≤ -13.00	Pass
1860.0	1871.7	20+5	30 ~ 20000	-42.61	≤ -13.00	Pass
1877.5	1889.2	20+5	30 ~ 20000	-44.63	≤ -13.00	Pass
1895.0	1906.7	20+5	30 ~ 20000	-40.67	≤ -13.00	Pass
1855.3	1867.3	10+15	30 ~ 20000	-29.48	≤ -13.00	Pass
1872.9	1884.9	10+15	30 ~ 20000	-44.63	≤ -13.00	Pass
1890.5	1902.5	10+15	30 ~ 20000	-44.78	≤ -13.00	Pass
1857.5	1869.5	15+10	30 ~ 20000	-38.32	≤ -13.00	Pass
1875.1	1887.1	15+10	30 ~ 20000	-40.99	≤ -13.00	Pass
1892.7	1904.7	15+10	30 ~ 20000	-36.80	≤ -13.00	Pass
1855.5	1869.9	10+20	30 ~ 20000	-38.71	≤ -13.00	Pass
1870.6	1885.0	10+20	30 ~ 20000	-44.53	≤ -13.00	Pass
1885.6	1900.0	10+20	30 ~ 20000	-44.55	≤ -13.00	Pass
1860.0	1874.4	20+10	30 ~ 20000	-40.08	≤ -13.00	Pass
1875.1	1889.5	20+10	30 ~ 20000	-44.48	≤ -13.00	Pass
1890.1	1904.5	20+10	30 ~ 20000	-36.12	≤ -13.00	Pass
1857.5	1872.5	15+15	30 ~ 20000	-36.98	≤ -13.00	Pass
1872.5	1887.5	15+15	30 ~ 20000	-42.61	≤ -13.00	Pass
1887.5	1902.5	15+15	30 ~ 20000	-40.79	≤ -13.00	Pass
1857.8	1874.9	15+20	30 ~ 20000	-41.86	≤ -13.00	Pass
1870.3	1887.4	15+20	30 ~ 20000	-39.00	≤ -13.00	Pass
1882.9	1900.0	15+20	30 ~ 20000	-44.58	≤ -13.00	Pass
1860.0	1877.1	20+15	30 ~ 20000	-40.88	≤ -13.00	Pass
1872.6	1889.7	20+15	30 ~ 20000	-34.83	≤ -13.00	Pass
1885.1	1902.2	20+15	30 ~ 20000	-43.50	≤ -13.00	Pass
1860.0	1879.8	20+20	30 ~ 20000	-42.80	≤ -13.00	Pass
1870.1	1889.9	20+20	30 ~ 20000	-37.80	≤ -13.00	Pass
1880.2	1900.0	20+20	30 ~ 20000	-43.63	≤ -13.00	Pass



10+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@49 and 1RB@0



Highest Channel



15+10MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@49

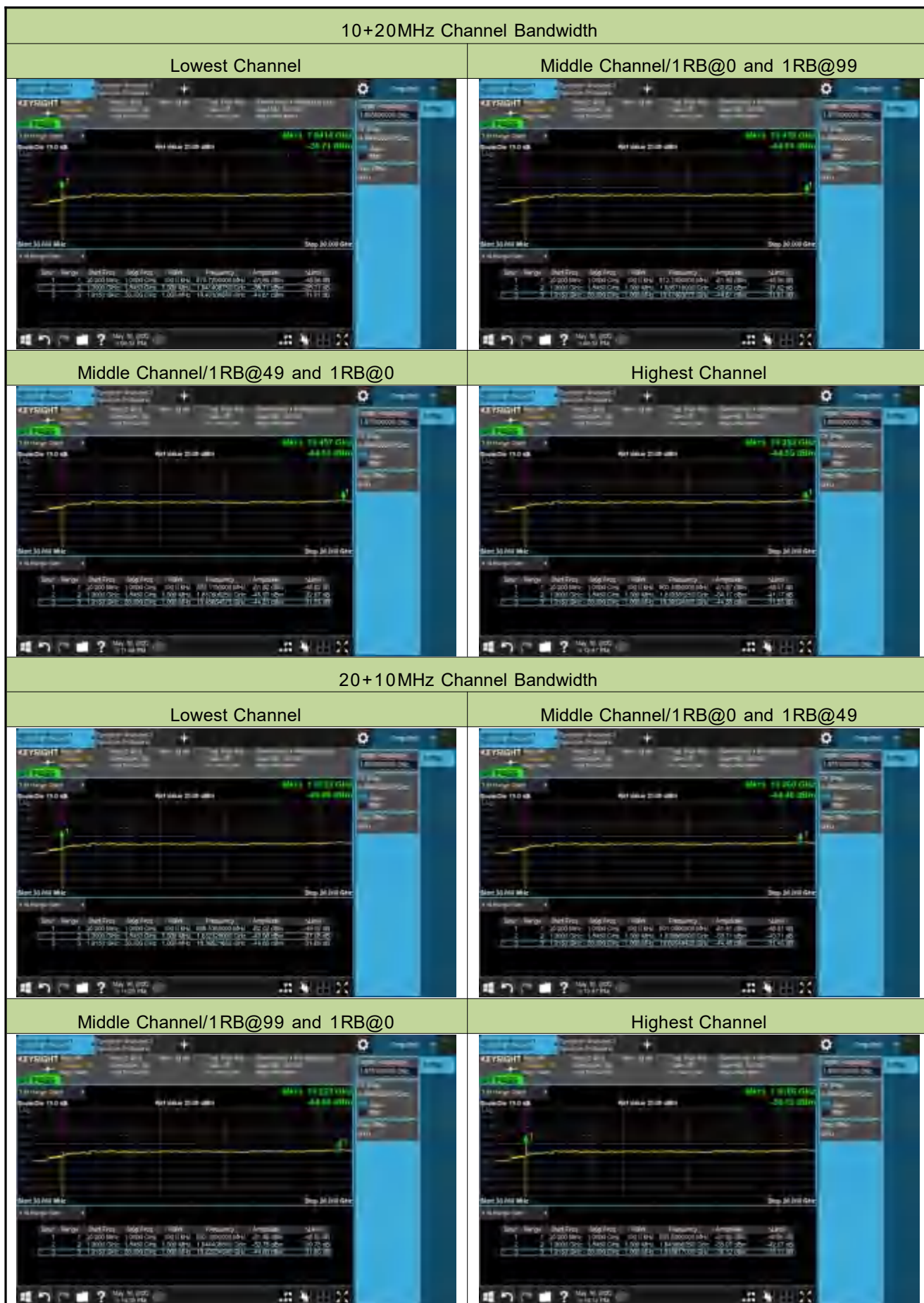


Middle Channel/1RB@74 and 1RB@0



Highest Channel





15+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@74 and 1RB@0



Highest Channel



15+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@74 and 1RB@0



Highest Channel



20+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@99 and 1RB@0



Highest Channel



20+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@99 and 1RB@0

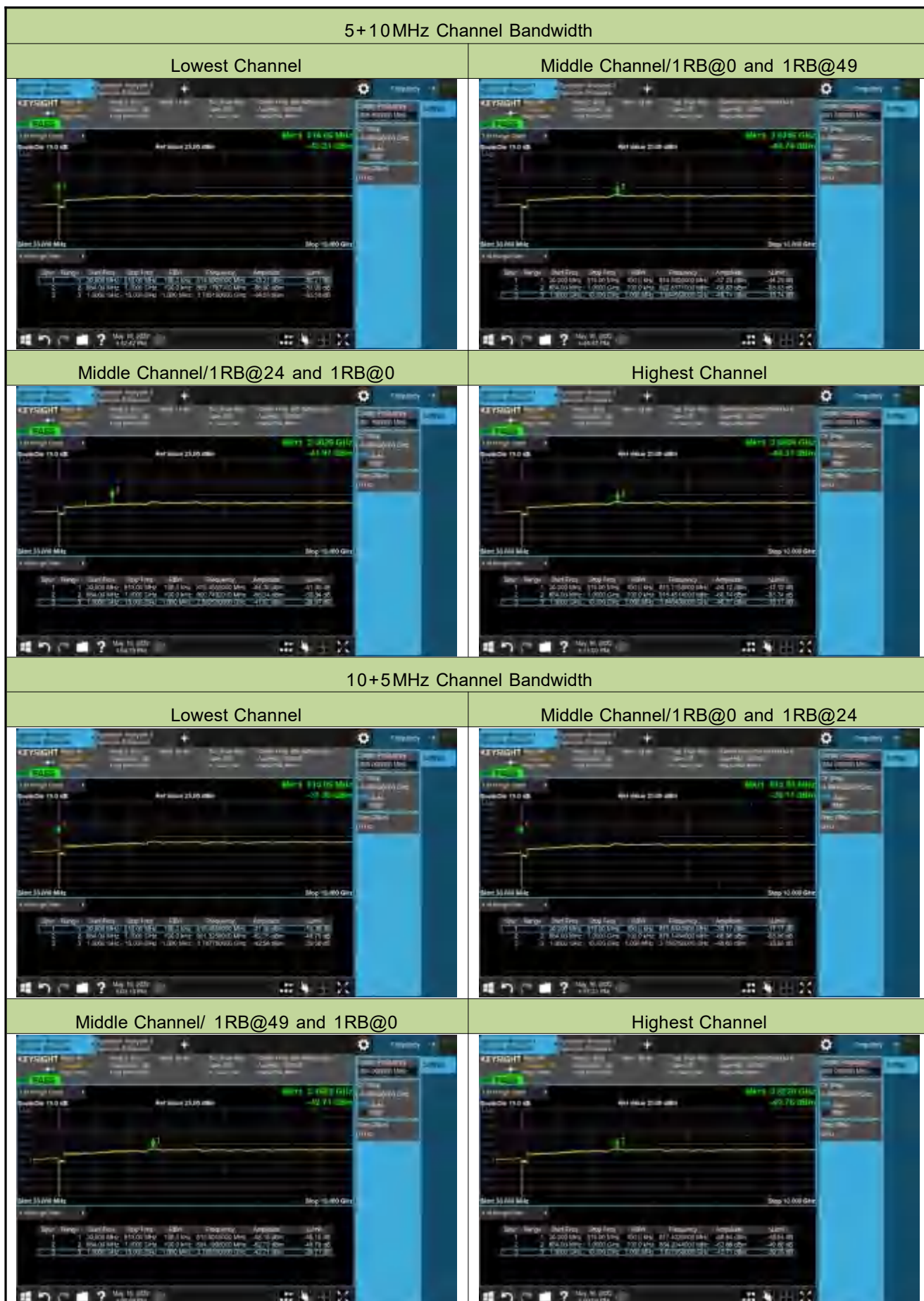


Highest Channel



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/16	Test Band	Intra-Band CA_5B, 1RB, QPSK

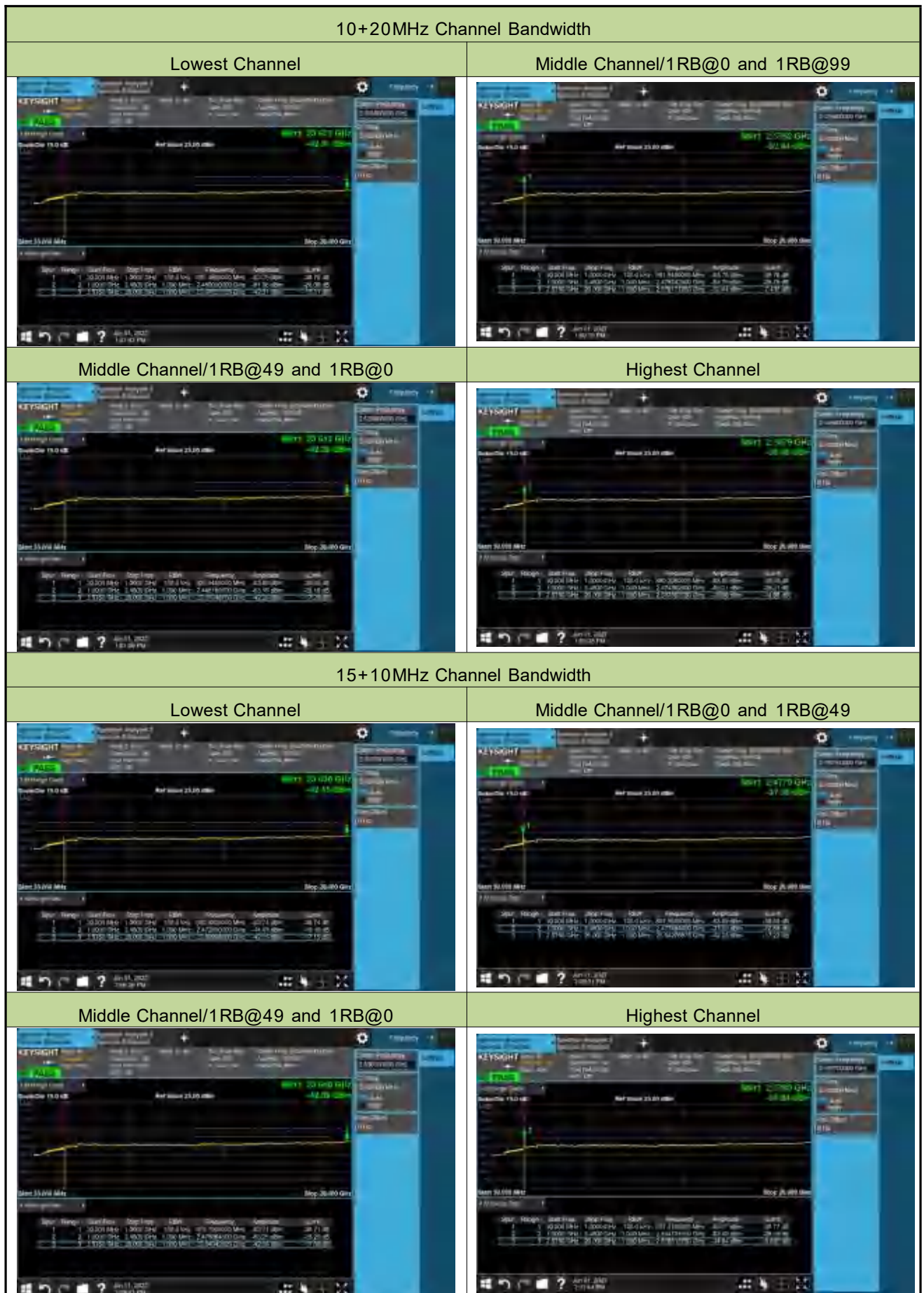
Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
826.8	834.0	5+10	30 ~ 10000	-43.21	≤ -13.00	Pass
831.8	839.0	5+10	30 ~ 10000	-41.97	≤ -13.00	Pass
836.8	844.0	5+10	30 ~ 10000	-46.37	≤ -13.00	Pass
829.0	836.2	10+5	30 ~ 10000	-31.38	≤ -13.00	Pass
834.0	841.2	10+5	30 ~ 10000	-30.17	≤ -13.00	Pass
839.0	846.2	10+5	30 ~ 10000	-42.76	≤ -13.00	Pass
829.0	838.9	10+10	30 ~ 10000	-31.49	≤ -13.00	Pass
831.6	841.5	10+10	30 ~ 10000	-42.49	≤ -13.00	Pass
834.1	844.0	10+10	30 ~ 10000	-42.66	≤ -13.00	Pass





Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/06/01	Test Band	Intra-Band CA_7C, 1RB, QPSK

Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
2505.5	2519.9	10+20	30 ~ 26000	-42.31	≤ -25.00	Pass
2525.6	2540.0	10+20	30 ~ 26000	-32.44	≤ -25.00	Pass
2545.6	2560.0	10+20	30 ~ 26000	-39.66	≤ -25.00	Pass
2507.5	2519.5	15+10	30 ~ 26000	-42.15	≤ -25.00	Pass
2530.1	2542.1	15+10	30 ~ 26000	-37.59	≤ -25.00	Pass
2552.7	2564.7	15+10	30 ~ 26000	-34.84	≤ -25.00	Pass
2507.5	2522.5	15+15	30 ~ 26000	-42.20	≤ -25.00	Pass
2527.5	2542.5	15+15	30 ~ 26000	-33.05	≤ -25.00	Pass
2547.5	2562.5	15+15	30 ~ 26000	-37.41	≤ -25.00	Pass
2507.8	2524.9	15+20	30 ~ 26000	-42.07	≤ -25.00	Pass
2525.3	2542.4	15+20	30 ~ 26000	-34.94	≤ -25.00	Pass
2542.9	2560.0	15+20	30 ~ 26000	-39.11	≤ -25.00	Pass
2510.0	2524.4	20+10	30 ~ 26000	-42.35	≤ -25.00	Pass
2530.1	2544.5	20+10	30 ~ 26000	-32.25	≤ -25.00	Pass
2550.1	2564.5	20+10	30 ~ 26000	-35.51	≤ -25.00	Pass
2510.0	2527.1	20+15	30 ~ 26000	-42.22	≤ -25.00	Pass
2527.6	2544.7	20+15	30 ~ 26000	-35.20	≤ -25.00	Pass
2545.1	2562.2	20+15	30 ~ 26000	-37.94	≤ -25.00	Pass
2510.0	2529.8	20+20	30 ~ 26000	-42.46	≤ -25.00	Pass
2525.1	2544.9	20+20	30 ~ 26000	-29.76	≤ -25.00	Pass
2540.2	2560.0	20+20	30 ~ 26000	-39.61	≤ -25.00	Pass



15+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@74 and 1RB@0



Highest Channel



15+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@74 and 1RB@0



Highest Channel





20+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@99 and 1RB@0



Highest Channel



20+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@99 and 1RB@0



Highest Channel





Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/15	Test Band	Intra-Band CA_38C, 1RB, QPSK

Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
2577.5	2592.5	15+15	30 ~ 27000	-26.59	≤ -25.00	Pass
2587.5	2602.5	15+15	30 ~ 27000	-36.92	≤ -25.00	Pass
2597.5	2612.5	15+15	30 ~ 27000	-30.61	≤ -25.00	Pass
2580.0	2599.8	20+20	30 ~ 27000	-26.14	≤ -25.00	Pass
2585.1	2604.9	20+20	30 ~ 27000	-30.67	≤ -25.00	Pass
2590.2	2610.0	20+20	30 ~ 27000	-30.26	≤ -25.00	Pass

15+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@74 and 1RB@0



Highest Channel



20+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@24



Middle Channel/ 1RB@49 and 1RB@0



Highest Channel



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/15~2022/05/16	Test Band	Intra-Band CA_41C, 1RB, QPSK

Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
2506.00	2525.80	20+20	30 ~ 27000	-45.02	≤ -25.00	Pass
2583.10	2602.90	20+20	30 ~ 27000	-44.92	≤ -25.00	Pass
2660.20	2680.00	20+20	30 ~ 27000	-32.28	≤ -25.00	Pass
2506.00	2523.10	20+15	30 ~ 27000	-32.71	≤ -25.00	Pass
2585.60	2602.70	20+15	30 ~ 27000	-44.77	≤ -25.00	Pass
2665.10	2682.20	20+15	30 ~ 27000	-35.88	≤ -25.00	Pass
2506.00	2520.40	20+10	30 ~ 27000	-36.68	≤ -25.00	Pass
2588.10	2602.50	20+10	30 ~ 27000	-44.93	≤ -25.00	Pass
2670.10	2684.50	20+10	30 ~ 27000	-36.84	≤ -25.00	Pass
2506.00	2517.70	20+5	30 ~ 27000	-37.15	≤ -25.00	Pass
2590.50	2602.20	20+5	30 ~ 27000	-44.70	≤ -25.00	Pass
2675.00	2686.70	20+5	30 ~ 27000	-28.68	≤ -25.00	Pass
2503.80	2520.90	15+20	30 ~ 27000	-26.50	≤ -25.00	Pass
2593.30	2600.40	15+20	30 ~ 27000	-44.75	≤ -25.00	Pass
2662.90	2680.00	15+20	30 ~ 27000	-35.97	≤ -25.00	Pass
2503.50	2518.50	15+15	30 ~ 27000	-25.56	≤ -25.00	Pass
2585.50	2600.50	15+15	30 ~ 27000	-44.81	≤ -25.00	Pass
2667.50	2682.50	15+15	30 ~ 27000	-35.14	≤ -25.00	Pass
2503.50	2515.50	15+10	30 ~ 27000	-26.48	≤ -25.00	Pass
2588.10	2600.10	15+10	30 ~ 27000	-44.74	≤ -25.00	Pass
2672.70	2684.70	15+10	30 ~ 27000	-34.21	≤ -25.00	Pass
2501.50	2515.90	10+20	30 ~ 27000	-42.03	≤ -25.00	Pass
2583.60	2598.00	10+20	30 ~ 27000	-44.76	≤ -25.00	Pass
2665.60	2680.00	10+20	30 ~ 27000	-44.10	≤ -25.00	Pass
2501.30	2513.30	10+15	30 ~ 27000	-41.34	≤ -25.00	Pass
2585.90	2597.90	10+15	30 ~ 27000	-44.81	≤ -25.00	Pass
2670.50	2682.50	10+15	30 ~ 27000	-39.04	≤ -25.00	Pass
2499.30	2511.00	5+20	30 ~ 27000	-36.68	≤ -25.00	Pass
2583.80	2595.50	5+20	30 ~ 27000	-44.72	≤ -25.00	Pass
2668.30	2680.00	5+20	30 ~ 27000	-35.30	≤ -25.00	Pass

20+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@99 and 1RB@0



Highest Channel



20+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/ 1RB@99 and 1RB@0



Highest Channel



20+10MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@49



Middle Channel/1RB@99 and 1RB@0



Highest Channel



20+5MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@24



Middle Channel/1RB@99 and 1RB@0



Highest Channel



15+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@74 and 1RB@0



Highest Channel



15+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@74 and 1RB@0



Highest Channel



15+10MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@49



Middle Channel/1RB@74 and 1RB@0



Highest Channel



10+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@49 and 1RB@99



Middle Channel/1RB@49 and 1RB@0



Highest Channel



10+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@49 and 1RB@0



Highest Channel



5+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@24 and 1RB@0



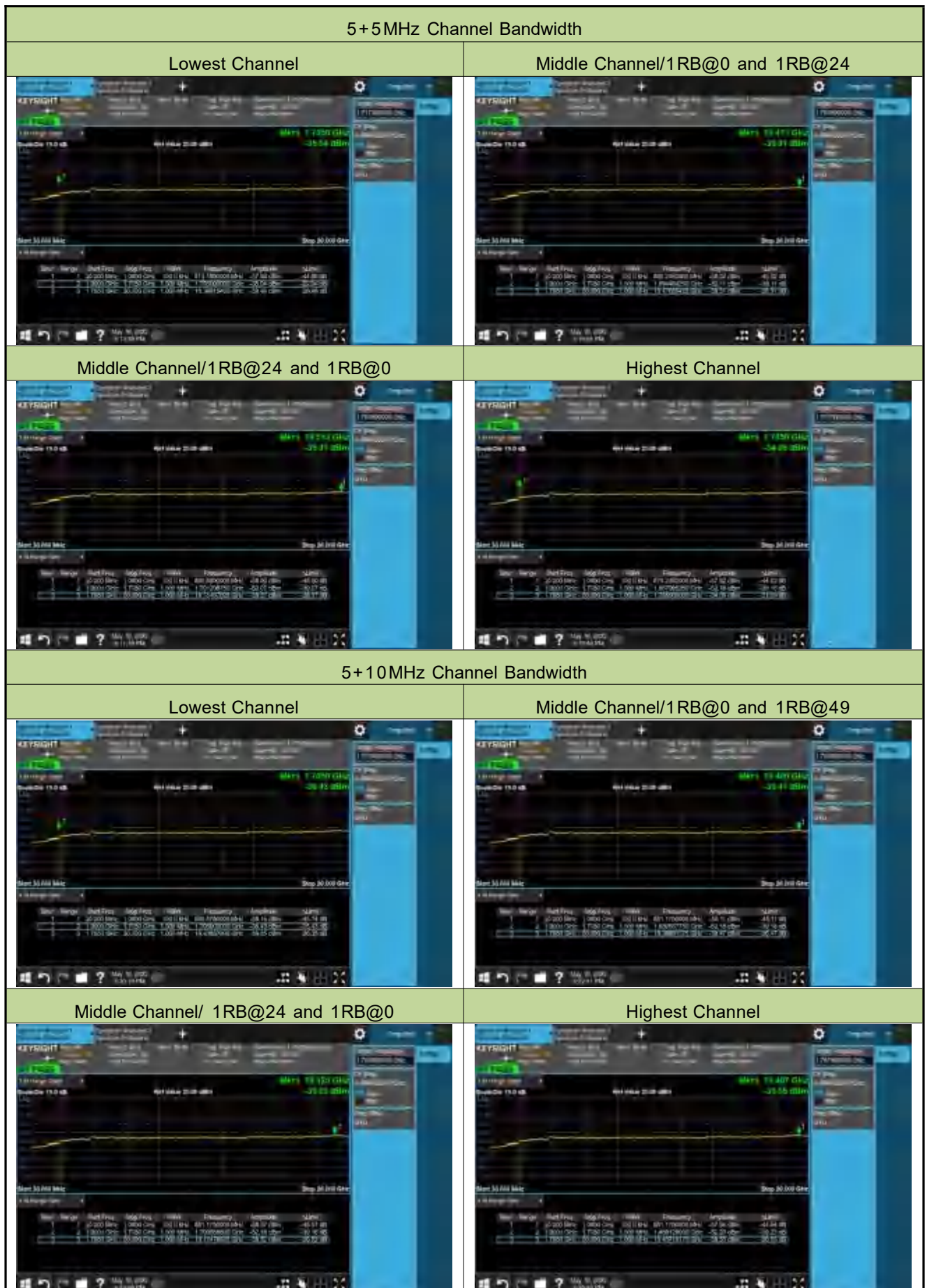
Highest Channel

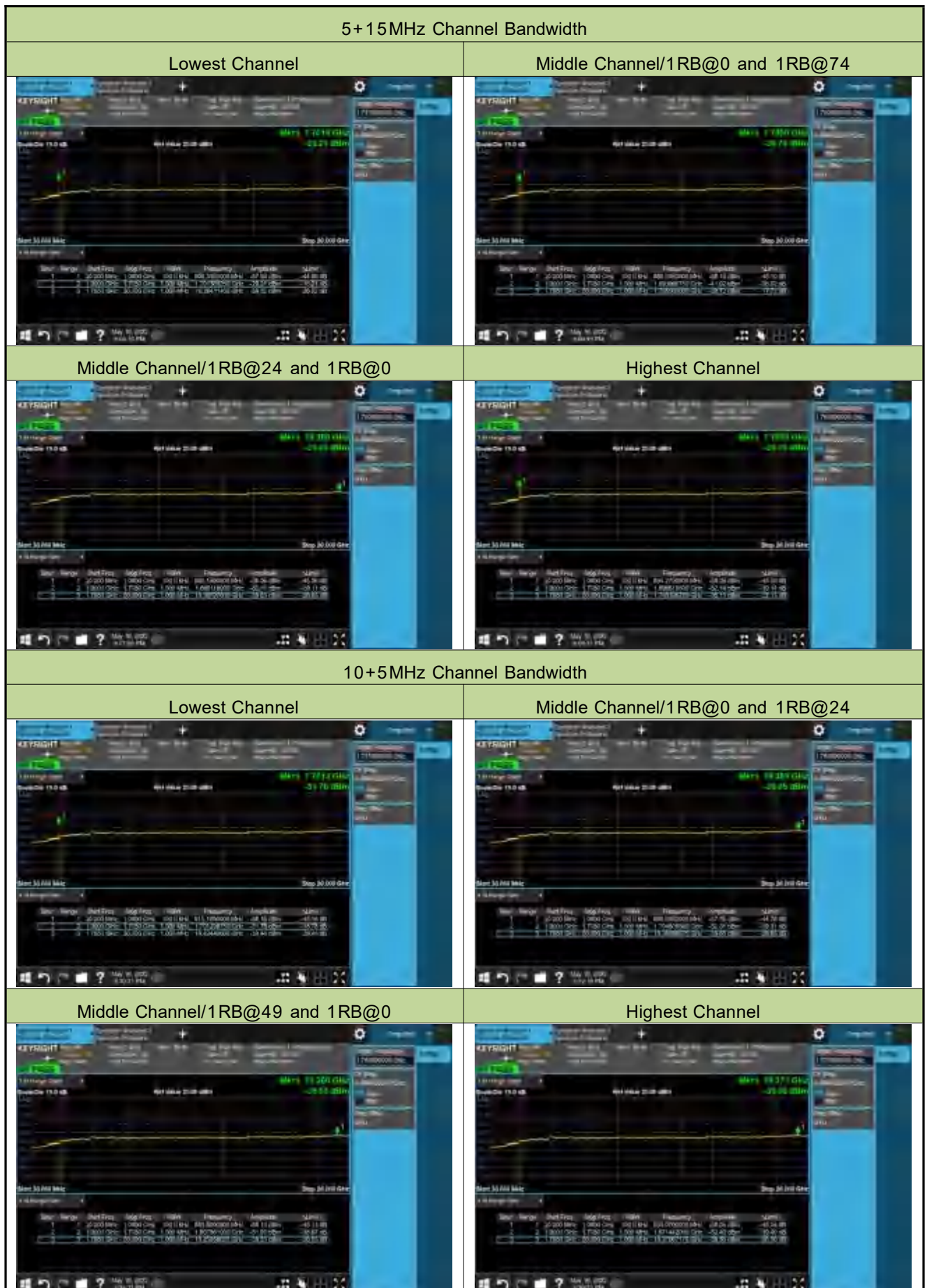


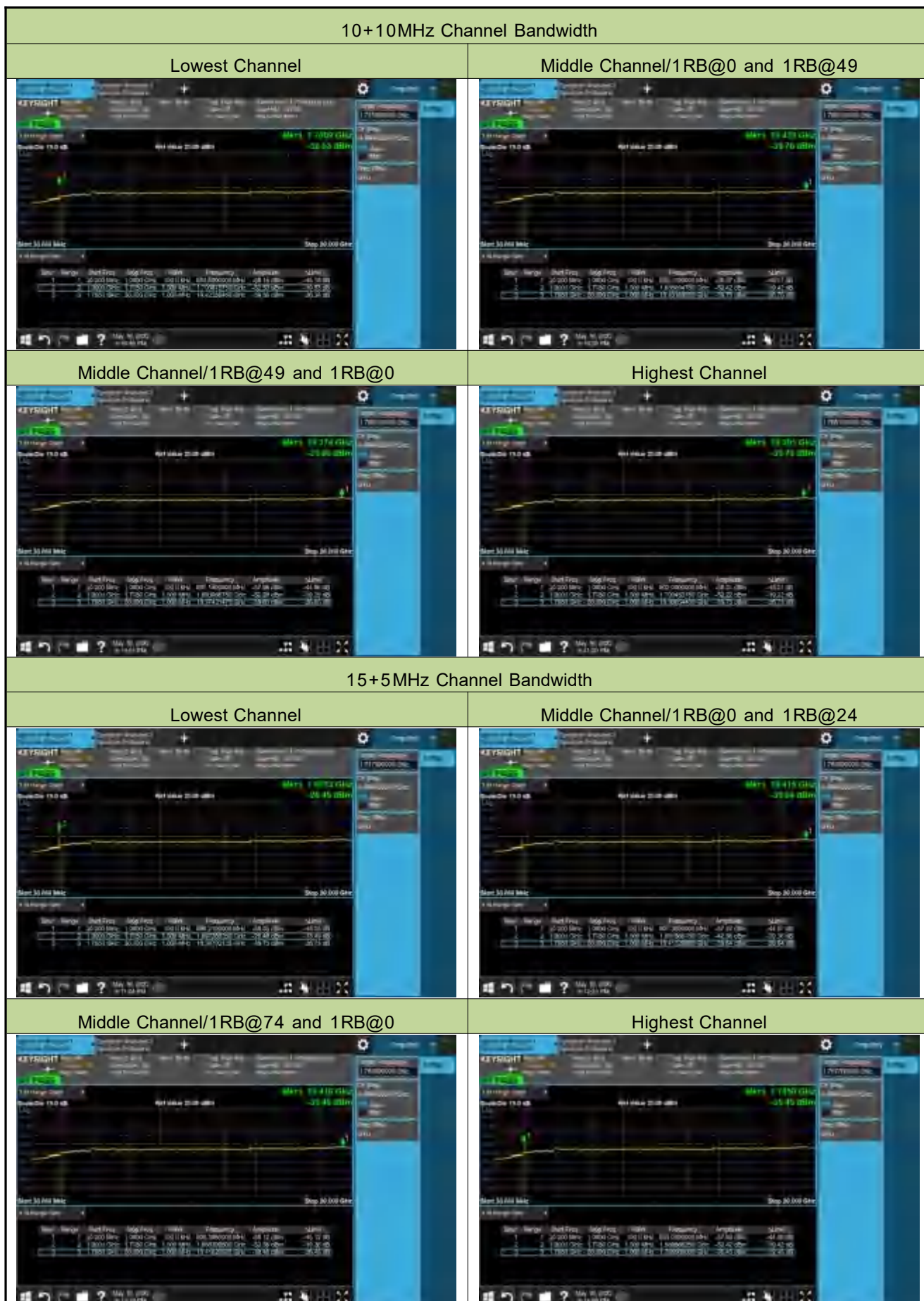


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/16	Test Band	Intra-Band CA_66B, 1RB, QPSK

Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
1712.5	1717.3	5+5	30 ~ 20000	-35.04	≤ -13.00	Pass
1752.6	1757.4	5+5	30 ~ 20000	-39.31	≤ -13.00	Pass
1772.7	1777.5	5+5	30 ~ 20000	-34.09	≤ -13.00	Pass
1712.8	1720.0	5+10	30 ~ 20000	-38.43	≤ -13.00	Pass
1750.3	1757.5	5+10	30 ~ 20000	-39.47	≤ -13.00	Pass
1767.8	1775.0	5+10	30 ~ 20000	-39.55	≤ -13.00	Pass
1713.0	1722.3	5+15	30 ~ 20000	-29.21	≤ -13.00	Pass
1750.3	1757.5	5+15	30 ~ 20000	-30.72	≤ -13.00	Pass
1763.2	1772.5	5+15	30 ~ 20000	-35.13	≤ -13.00	Pass
1715.0	1722.2	10+5	30 ~ 20000	-31.78	≤ -13.00	Pass
1752.5	1759.7	10+5	30 ~ 20000	-39.53	≤ -13.00	Pass
1770.0	1777.2	10+5	30 ~ 20000	-39.50	≤ -13.00	Pass
1715.0	1724.9	10+10	30 ~ 20000	-32.53	≤ -13.00	Pass
1750.1	1760.0	10+10	30 ~ 20000	-39.60	≤ -13.00	Pass
1765.1	1775.0	10+10	30 ~ 20000	-39.73	≤ -13.00	Pass
1717.5	1726.8	15+5	30 ~ 20000	-26.49	≤ -13.00	Pass
1752.5	1757.4	15+5	30 ~ 20000	-39.48	≤ -13.00	Pass
1767.7	1777.0	15+5	30 ~ 20000	-35.45	≤ -13.00	Pass

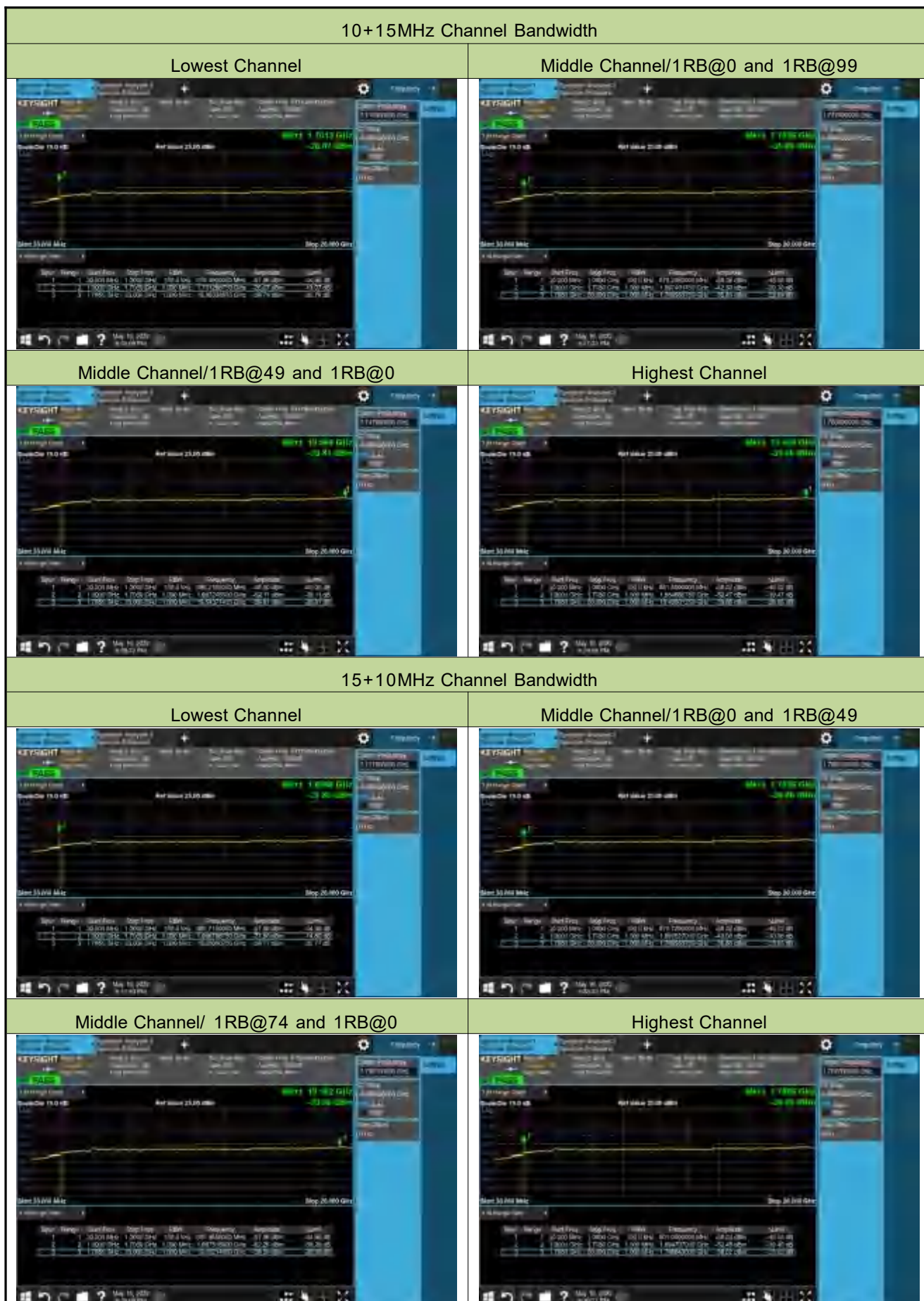


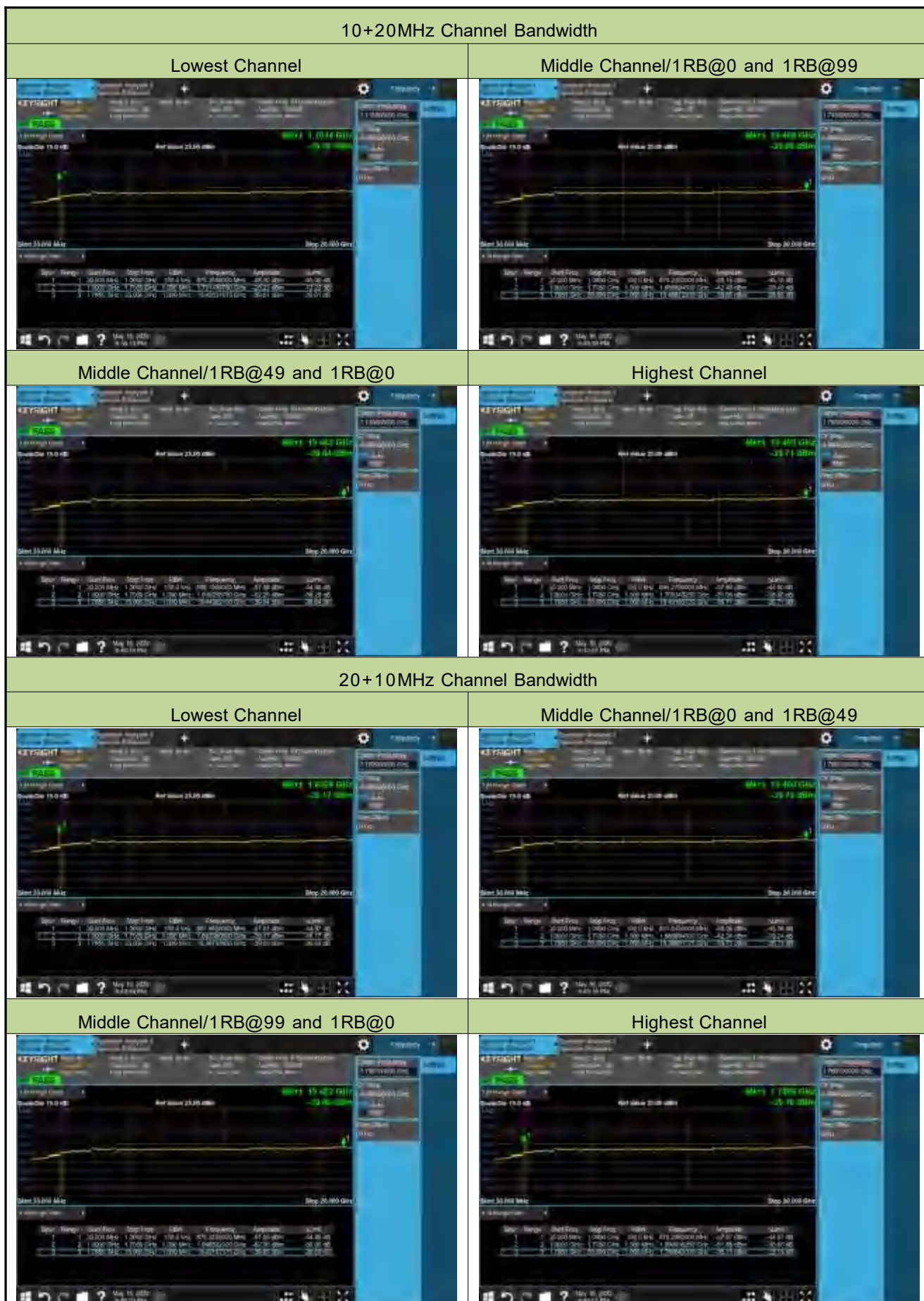




Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/16	Test Band	Intra-Band CA_66C, 1RB, QPSK

Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
1715.3	1727.3	10+15	30 ~ 20000	-26.07	≤ -13.00	Pass
1747.9	1759.9	10+15	30 ~ 20000	-35.89	≤ -13.00	Pass
1760.5	1772.5	10+15	30 ~ 20000	-39.68	≤ -13.00	Pass
1717.5	1729.5	15+10	30 ~ 20000	-27.80	≤ -13.00	Pass
1750.1	1762.1	15+10	30 ~ 20000	-36.86	≤ -13.00	Pass
1762.7	1774.7	15+10	30 ~ 20000	-36.02	≤ -13.00	Pass
1715.5	1729.9	10+20	30 ~ 20000	-25.22	≤ -13.00	Pass
1745.6	1760.0	10+20	30 ~ 20000	-39.64	≤ -13.00	Pass
1755.6	1770.0	10+20	30 ~ 20000	-39.71	≤ -13.00	Pass
1720.0	1734.4	20+10	30 ~ 20000	-29.17	≤ -13.00	Pass
1750.1	1764.5	20+10	30 ~ 20000	-39.60	≤ -13.00	Pass
1760.1	1774.5	20+10	30 ~ 20000	-35.18	≤ -13.00	Pass
1717.5	1732.5	15+15	30 ~ 20000	-26.47	≤ -13.00	Pass
1747.5	1762.5	15+15	30 ~ 20000	-39.69	≤ -13.00	Pass
1757.5	1772.5	15+15	30 ~ 20000	-39.69	≤ -13.00	Pass
1717.8	1734.9	15+20	30 ~ 20000	-26.66	≤ -13.00	Pass
1745.3	1762.4	15+20	30 ~ 20000	-39.55	≤ -13.00	Pass
1752.9	1770.0	15+20	30 ~ 20000	-39.41	≤ -13.00	Pass
1720.0	1737.1	20+15	30 ~ 20000	-28.22	≤ -13.00	Pass
1747.6	1764.7	20+15	30 ~ 20000	-39.48	≤ -13.00	Pass
1755.1	1772.2	20+15	30 ~ 20000	-39.85	≤ -13.00	Pass
1720.0	1731.7	20+5	30 ~ 20000	-29.19	≤ -13.00	Pass
1752.5	1764.2	20+5	30 ~ 20000	-36.10	≤ -13.00	Pass
1765.0	1776.7	20+5	30 ~ 20000	-36.48	≤ -13.00	Pass
1713.3	1725.0	5+20	30 ~ 20000	-36.71	≤ -13.00	Pass
1745.8	1757.5	5+20	30 ~ 20000	-36.22	≤ -13.00	Pass
1758.3	1770.0	5+20	30 ~ 20000	-39.69	≤ -13.00	Pass
1720.0	1739.8	20+20	30 ~ 20000	-27.15	≤ -13.00	Pass
1745.1	1764.9	20+20	30 ~ 20000	-29.03	≤ -13.00	Pass
1750.2	1770.0	20+20	30 ~ 20000	-39.62	≤ -13.00	Pass





15+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@74 and 1RB@0



Highest Channel



15+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@74 and 1RB@0



Highest Channel



20+15MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@99 and 1RB@0



Highest Channel



20+5MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@24

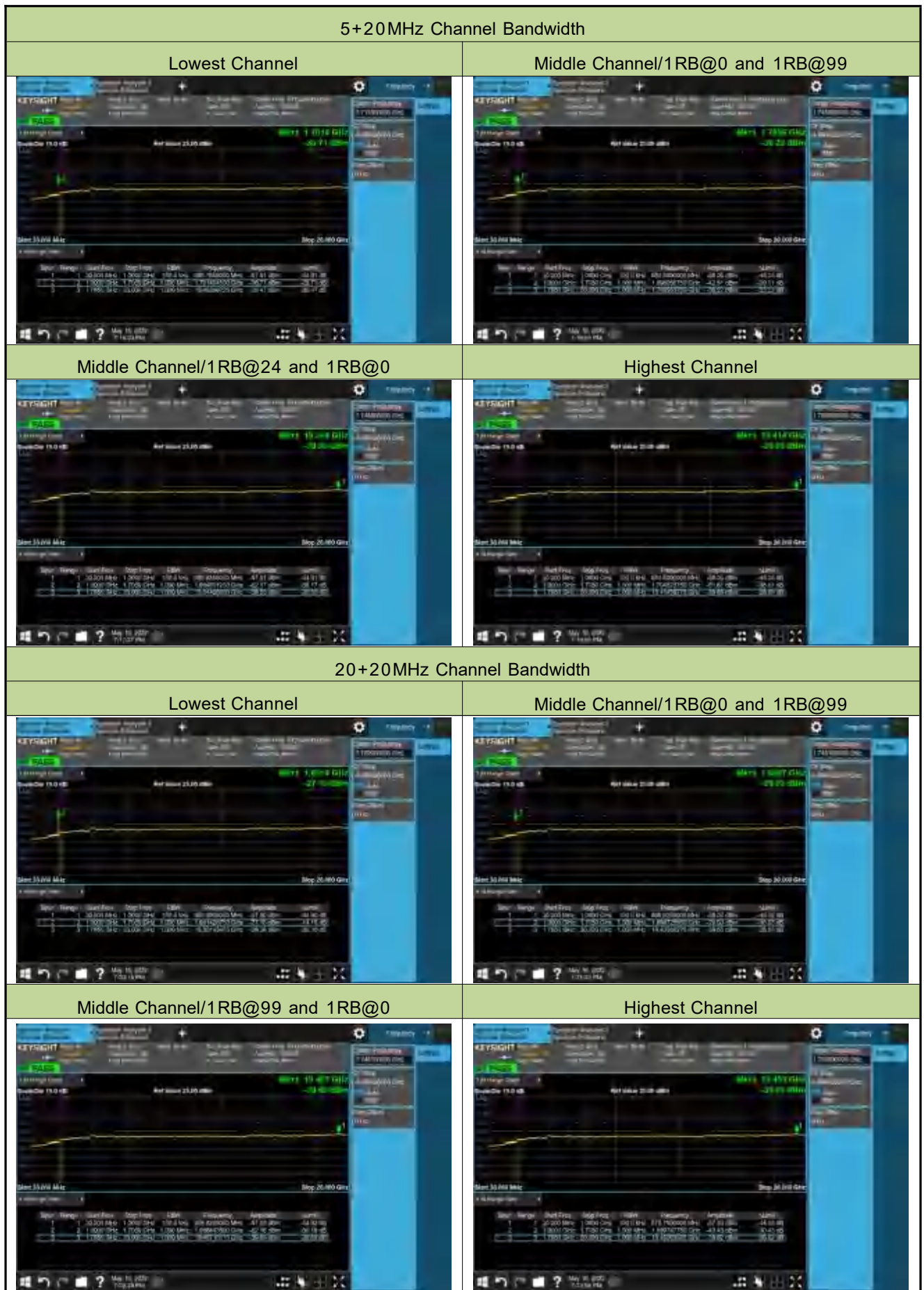


Middle Channel/1RB@99 and 1RB@0



Highest Channel





A.7 Radiated Spurious Emissions Test Result

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 2/25, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
119.2	10.3	15.8	26.1	82.3	-56.2	Peak	Horizontal
238.1	7.9	16.5	24.4	82.3	-57.9	Peak	Horizontal
40.7	17.1	17.9	35.0	82.3	-47.3	Peak	Vertical
874.4	2.7	29.0	31.7	82.3	-50.6	Peak	Vertical
8446.0	48.9	-4.2	44.7	82.3	-37.6	Peak	Horizontal
13996.5	47.2	2.1	49.3	82.3	-33.0	Peak	Horizontal
8301.5	49.8	-4.2	45.6	82.3	-36.7	Peak	Vertical
13928.5	47.5	1.7	49.2	82.3	-33.1	Peak	Vertical
Middle Channel							
115.4	9.9	15.5	25.4	82.3	-56.9	Peak	Horizontal
238.1	7.9	16.5	24.4	82.3	-57.9	Peak	Horizontal
42.1	16.1	18.1	34.2	82.3	-48.1	Peak	Vertical
119.2	9.1	15.8	24.9	82.3	-57.4	Peak	Vertical
8633.0	48.2	-3.5	44.7	82.3	-37.6	Peak	Horizontal
13954.0	46.2	1.8	48.0	82.3	-34.3	Peak	Horizontal
14013.5	47.0	2.0	49.0	82.3	-33.3	Peak	Vertical
16555.0	46.7	4.9	51.6	82.3	-30.7	Peak	Vertical
High Channel							
116.8	10.0	15.6	25.6	82.3	-56.7	Peak	Horizontal
237.1	7.8	16.4	24.2	82.3	-58.1	Peak	Horizontal
42.1	16.8	18.1	34.9	82.3	-47.4	Peak	Vertical
52.8	13.7	17.9	31.6	82.3	-50.7	Peak	Vertical
9916.5	47.9	-2.6	45.3	82.3	-37.0	Peak	Horizontal
14030.5	46.8	1.9	48.7	82.3	-33.6	Peak	Horizontal
9058.0	48.7	-3.4	45.3	82.3	-37.0	Peak	Vertical
13945.5	47.1	1.8	48.9	82.3	-33.4	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).							

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 4/66, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
135.2	4.3	17.3	21.6	82.3	-60.7	Peak	Horizontal
230.3	8.6	15.7	24.3	82.3	-58.0	Peak	Horizontal
42.1	15.9	18.1	34.0	82.3	-48.3	Peak	Vertical
51.8	13.9	18.0	31.9	82.3	-50.4	Peak	Vertical
6839.5	51.7	-6.4	45.3	82.3	-37.0	Peak	Horizontal
14081.5	47.1	2.1	49.2	82.3	-33.1	Peak	Horizontal
9755.0	48.6	-2.9	45.7	82.3	-36.6	Peak	Vertical
13945.5	47.0	1.8	48.8	82.3	-33.5	Peak	Vertical
Middle Channel							
120.7	7.5	15.9	23.4	82.3	-58.9	Peak	Horizontal
236.1	6.6	16.4	23.0	82.3	-59.3	Peak	Horizontal
42.6	15.4	18.1	33.5	82.3	-48.8	Peak	Vertical
50.9	13.9	18.1	32.0	82.3	-50.3	Peak	Vertical
9287.5	47.4	-2.8	44.6	82.3	-37.7	Peak	Horizontal
14030.5	47.4	1.9	49.3	82.3	-33.0	Peak	Horizontal
9024.0	49.1	-3.2	45.9	82.3	-36.4	Peak	Vertical
14107.0	46.9	2.2	49.1	82.3	-33.2	Peak	Vertical
High Channel							
117.8	8.7	15.7	24.4	82.3	-57.9	Peak	Horizontal
236.6	7.8	16.4	24.2	82.3	-58.1	Peak	Horizontal
42.6	15.5	18.1	33.6	82.3	-48.7	Peak	Vertical
54.7	11.3	17.8	29.1	82.3	-53.2	Peak	Vertical
11021.5	48.6	-2.5	46.1	82.3	-36.2	Peak	Horizontal
13954.0	46.6	1.8	48.4	82.3	-33.9	Peak	Horizontal
8174.0	49.6	-4.7	44.9	82.3	-37.4	Peak	Vertical
13920.0	47.9	1.7	49.6	82.3	-32.7	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).							

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 5/26, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
117.8	6.1	15.7	21.8	82.3	-60.5	Peak	Horizontal
232.7	5.5	16.0	21.5	82.3	-60.8	Peak	Horizontal
39.7	6.5	17.8	24.3	82.3	-58.0	Peak	Vertical
53.3	5.9	17.9	23.8	82.3	-58.5	Peak	Vertical
1765.0	57.0	-17.0	40.0	82.3	-42.3	Peak	Horizontal
4247.0	50.6	-9.1	41.5	82.3	-40.8	Peak	Horizontal
5148.0	50.0	-8.1	41.9	82.3	-40.4	Peak	Vertical
7706.5	49.1	-5.4	43.7	82.3	-38.6	Peak	Vertical
Middle Channel							
119.7	5.6	15.8	21.4	82.3	-60.9	Peak	Horizontal
235.2	7.2	16.3	23.5	82.3	-58.8	Peak	Horizontal
40.2	5.8	17.9	23.7	82.3	-58.6	Peak	Vertical
54.7	4.0	17.8	21.8	82.3	-60.5	Peak	Vertical
4434.0	50.1	-8.9	41.2	82.3	-41.1	Peak	Horizontal
6882.0	49.0	-6.2	42.8	82.3	-39.5	Peak	Horizontal
4544.5	50.5	-8.9	41.6	82.3	-40.7	Peak	Vertical
7706.5	49.9	-5.4	44.5	82.3	-37.8	Peak	Vertical
High Channel							
140.1	3.5	17.6	21.1	82.3	-61.2	Peak	Horizontal
240.5	5.3	16.6	21.9	82.3	-60.4	Peak	Horizontal
40.7	5.7	17.9	23.6	82.3	-58.7	Peak	Vertical
53.3	6.8	17.9	24.7	82.3	-57.6	Peak	Vertical
5003.5	50.4	-8.3	42.1	82.3	-40.2	Peak	Horizontal
7077.5	49.9	-6.1	43.8	82.3	-38.5	Peak	Horizontal
4961.0	50.4	-8.4	42.0	82.3	-40.3	Peak	Vertical
6967.0	50.3	-6.3	44.0	82.3	-38.3	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 7, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
140.6	6.3	17.7	24.0	70.3	-46.3	Peak	Horizontal
232.7	6.1	16.0	22.1	70.3	-48.2	Peak	Horizontal
54.7	9.3	17.8	27.1	70.3	-43.2	Peak	Vertical
131.9	6.3	17.0	23.3	70.3	-47.0	Peak	Vertical
5003.5	52.3	-8.3	44.0	70.3	-26.3	Peak	Horizontal
10001.5	50.4	-2.3	48.1	70.3	-22.2	Peak	Horizontal
6992.5	50.1	-6.2	43.9	70.3	-26.4	Peak	Vertical
10299.0	47.5	-2.2	45.3	70.3	-25.0	Peak	Vertical
Middle Channel							
54.7	9.3	17.8	27.1	70.3	-43.2	Peak	Horizontal
139.6	8.0	17.6	25.6	70.3	-44.7	Peak	Horizontal
53.3	8.4	17.9	26.3	70.3	-44.0	Peak	Vertical
138.6	8.9	17.6	26.5	70.3	-43.8	Peak	Vertical
11072.5	48.9	-2.9	46.0	70.3	-24.3	Peak	Horizontal
14175.0	46.6	2.5	49.1	70.3	-21.2	Peak	Horizontal
11047.0	48.8	-2.5	46.3	70.3	-24.0	Peak	Vertical
14234.5	47.1	2.4	49.5	70.3	-20.8	Peak	Vertical
High Channel							
118.3	5.9	15.7	21.6	70.3	-48.7	Peak	Horizontal
147.9	4.0	18.2	22.2	70.3	-48.1	Peak	Horizontal
52.8	8.3	17.9	26.2	70.3	-44.1	Peak	Vertical
117.8	6.8	15.7	22.5	70.3	-47.8	Peak	Vertical
10265.0	49.7	-2.5	47.2	70.3	-23.1	Peak	Horizontal
14098.5	47.2	2.2	49.4	70.3	-20.9	Peak	Horizontal
9678.5	47.6	-2.8	44.8	70.3	-25.5	Peak	Vertical
14175.0	46.2	2.5	48.7	70.3	-21.6	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).							

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 12, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
36.8	20.0	17.4	37.4	82.3	-44.9	Peak	Horizontal
47.0	20.4	18.3	38.7	82.3	-43.6	Peak	Horizontal
145.4	20.1	18.1	38.2	82.3	-44.1	Peak	Vertical
471.4	21.2	22.7	43.9	82.3	-38.4	Peak	Vertical
4400.0	49.9	-9.0	40.9	82.3	-41.4	Peak	Horizontal
6193.5	49.8	-7.5	42.3	82.3	-40.0	Peak	Horizontal
4425.5	50.8	-8.9	41.9	82.3	-40.4	Peak	Vertical
6644.0	50.6	-6.6	44.0	82.3	-38.3	Peak	Vertical
Middle Channel							
484.4	21.7	22.9	44.6	82.3	-37.7	Peak	Horizontal
587.8	21.9	25.2	47.1	82.3	-35.2	Peak	Horizontal
462.1	21.3	22.6	43.9	82.3	-38.4	Peak	Vertical
588.2	21.8	25.2	47.0	82.3	-35.3	Peak	Vertical
1773.5	66.3	-17.0	49.3	82.3	-33.0	Peak	Horizontal
2428.0	55.1	-14.6	40.5	82.3	-41.8	Peak	Horizontal
5046.0	49.5	-8.1	41.4	82.3	-40.9	Peak	Vertical
6593.0	49.9	-6.8	43.1	82.3	-39.2	Peak	Vertical
High Channel							
441.3	20.9	22.1	43.0	82.3	-39.3	Peak	Horizontal
593.1	21.5	25.4	46.9	82.3	-35.4	Peak	Horizontal
430.6	21.0	21.7	42.7	82.3	-39.6	Peak	Vertical
574.2	22.1	24.7	46.8	82.3	-35.5	Peak	Vertical
4400.0	49.8	-9.0	40.8	82.3	-41.5	Peak	Horizontal
5275.5	49.5	-8.2	41.3	82.3	-41.0	Peak	Horizontal
5063.0	50.0	-8.0	42.0	82.3	-40.3	Peak	Vertical
6686.5	49.6	-6.7	42.9	82.3	-39.4	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 13, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
333.6	21.2	19.6	40.8	82.3	-41.5	Peak	Horizontal
590.7	21.3	25.3	46.6	82.3	-35.7	Peak	Horizontal
500.0	21.5	23.3	44.8	82.3	-37.5	Peak	Vertical
660.5	21.4	26.3	47.7	82.3	-34.6	Peak	Vertical
1569.5	50.2	-18.2	32.0	55.2	-23.2	Peak	Horizontal
1765.0	56.1	-17.0	39.1	82.3	-43.2	Peak	Horizontal
1561.0	50.3	-18.3	32.0	55.2	-23.2	Peak	Vertical
2224.0	51.2	-15.1	36.1	82.3	-46.2	Peak	Vertical
Middle Channel							
383.6	21.0	20.6	41.6	82.3	-40.7	Peak	Horizontal
589.7	22.0	25.3	47.3	82.3	-35.0	Peak	Horizontal
465.5	21.4	22.6	44.0	82.3	-38.3	Peak	Vertical
527.1	22.6	23.6	46.2	82.3	-36.1	Peak	Vertical
1586.5	51.2	-18.1	33.1	55.2	-22.1	Peak	Horizontal
4383.0	50.8	-8.9	41.9	82.3	-40.4	Peak	Horizontal
1578.0	50.4	-18.2	32.2	55.2	-23.0	Peak	Vertical
4332.0	49.3	-8.6	40.7	82.3	-41.6	Peak	Vertical
High Channel							
499.0	21.3	23.3	44.6	82.3	-37.7	Peak	Horizontal
656.6	22.5	26.2	48.7	82.3	-33.6	Peak	Horizontal
508.2	21.4	23.5	44.9	82.3	-37.4	Peak	Vertical
652.3	21.5	26.2	47.7	82.3	-34.6	Peak	Vertical
1578.0	49.8	-18.2	31.6	55.2	-23.6	Peak	Horizontal
4340.5	50.7	-8.8	41.9	82.3	-40.4	Peak	Horizontal
1586.5	49.5	-18.1	31.4	55.2	-23.8	Peak	Vertical
6831.0	50.1	-6.4	43.7	82.3	-38.6	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 17, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
384.1	22.1	20.6	42.7	82.3	-39.6	Peak	Horizontal
446.6	21.6	22.3	43.9	82.3	-38.4	Peak	Horizontal
455.8	21.1	22.5	43.6	82.3	-38.7	Peak	Vertical
567.4	21.2	24.5	45.7	82.3	-36.6	Peak	Vertical
4272.5	50.2	-9.1	41.1	82.3	-41.2	Peak	Horizontal
6108.5	49.7	-7.5	42.2	82.3	-40.1	Peak	Horizontal
4323.5	50.7	-8.9	41.8	82.3	-40.5	Peak	Vertical
7672.5	49.8	-5.4	44.4	82.3	-37.9	Peak	Vertical
Middle Channel							
456.3	21.5	22.5	44.0	82.3	-38.3	Peak	Horizontal
584.4	21.4	25.0	46.4	82.3	-35.9	Peak	Horizontal
448.1	21.0	22.3	43.3	82.3	-39.0	Peak	Vertical
594.5	22.2	25.4	47.6	82.3	-34.7	Peak	Vertical
3677.5	50.2	-10.1	40.1	82.3	-42.2	Peak	Horizontal
6329.5	50.2	-7.3	42.9	82.3	-39.4	Peak	Horizontal
6380.5	49.8	-7.1	42.7	82.3	-39.6	Peak	Vertical
7519.5	49.5	-5.6	43.9	82.3	-38.4	Peak	Vertical
High Channel							
148.3	20.2	18.2	38.4	82.3	-43.9	Peak	Horizontal
452.9	20.5	22.4	42.9	82.3	-39.4	Peak	Horizontal
438.4	21.1	22.0	43.1	82.3	-39.2	Peak	Vertical
579.5	22.9	24.9	47.8	82.3	-34.5	Peak	Vertical
5046.0	49.8	-8.1	41.7	82.3	-40.6	Peak	Horizontal
7460.0	49.1	-5.7	43.4	82.3	-38.9	Peak	Horizontal
6907.5	49.5	-6.4	43.1	82.3	-39.2	Peak	Vertical
7545.0	50.2	-5.6	44.6	82.3	-37.7	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 38/41_HPUE, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
147.9	9.6	18.2	27.8	70.3	-42.5	Peak	Horizontal
236.1	6.2	16.4	22.6	70.3	-47.7	Peak	Horizontal
53.3	7.8	17.9	25.7	70.3	-44.6	Peak	Vertical
138.2	10.5	17.5	28.0	70.3	-42.3	Peak	Vertical
8998.5	48.6	-3.2	45.4	70.3	-24.9	Peak	Horizontal
14192.0	46.3	2.5	48.8	70.3	-21.5	Peak	Horizontal
8216.5	48.5	-4.4	44.1	70.3	-26.2	Peak	Vertical
13894.5	47.5	1.3	48.8	70.3	-21.5	Peak	Vertical
Middle Channel							
140.6	9.1	17.7	26.8	70.3	-43.5	Peak	Horizontal
510.2	2.7	23.6	26.3	70.3	-44.0	Peak	Horizontal
52.8	8.3	17.9	26.2	70.3	-44.1	Peak	Vertical
138.6	11.5	17.6	29.1	70.3	-41.2	Peak	Vertical
8981.5	48.8	-3.3	45.5	70.3	-24.8	Peak	Horizontal
13937.0	47.6	1.7	49.3	70.3	-21.0	Peak	Horizontal
10435.0	48.2	-2.8	45.4	70.3	-24.9	Peak	Vertical
13903.0	47.0	1.4	48.4	70.3	-21.9	Peak	Vertical
High Channel							
119.7	7.1	15.8	22.9	70.3	-47.4	Peak	Horizontal
236.6	6.2	16.4	22.6	70.3	-47.7	Peak	Horizontal
40.7	6.3	17.9	24.2	70.3	-46.1	Peak	Vertical
78.0	6.3	14.0	20.3	70.3	-50.0	Peak	Vertical
9678.5	48.6	-2.8	45.8	70.3	-24.5	Peak	Horizontal
11897.0	48.1	-2.8	45.3	70.3	-25.0	Peak	Horizontal
11123.5	48.9	-2.7	46.2	70.3	-24.1	Peak	Vertical
14005.0	46.9	2.1	49.0	70.3	-21.3	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/05/20~2022/05/30	Test Band	LTE Band 71, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
150.3	20.1	18.2	38.3	82.3	-44.0	Peak	Horizontal
328.8	21.4	19.4	40.8	82.3	-41.5	Peak	Horizontal
457.3	22.0	22.5	44.5	82.3	-37.8	Peak	Vertical
579.0	21.9	24.8	46.7	82.3	-35.6	Peak	Vertical
3864.5	49.2	-9.7	39.5	82.3	-42.8	Peak	Horizontal
5020.5	49.9	-8.3	41.6	82.3	-40.7	Peak	Horizontal
4332.0	49.9	-8.6	41.3	82.3	-41.0	Peak	Vertical
6457.0	49.4	-6.8	42.6	82.3	-39.7	Peak	Vertical
Middle Channel							
48.4	19.4	18.2	37.6	82.3	-44.7	Peak	Horizontal
164.8	20.4	17.9	38.3	82.3	-44.0	Peak	Horizontal
327.3	21.2	19.4	40.6	82.3	-41.7	Peak	Vertical
485.9	21.7	22.9	44.6	82.3	-37.7	Peak	Vertical
2419.5	57.2	-14.6	42.6	82.3	-39.7	Peak	Horizontal
4289.5	50.4	-8.9	41.5	82.3	-40.8	Peak	Horizontal
4442.5	49.6	-9.0	40.6	82.3	-41.7	Peak	Vertical
6185.0	50.0	-7.5	42.5	82.3	-39.8	Peak	Vertical
Top CH 23825 (713.5MHz)							
431.6	21.7	21.8	43.5	82.3	-38.8	Peak	Horizontal
505.3	21.2	23.5	44.7	82.3	-37.6	Peak	Horizontal
501.4	21.8	23.4	45.2	82.3	-37.1	Peak	Vertical
564.5	22.7	24.5	47.2	82.3	-35.1	Peak	Vertical
4383.0	51.7	-8.9	42.8	82.3	-39.5	Peak	Horizontal
5063.0	50.5	-8.0	42.5	82.3	-39.8	Peak	Horizontal
4425.5	50.6	-8.9	41.7	82.3	-40.6	Peak	Vertical
6100.0	50.7	-7.5	43.2	82.3	-39.1	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).



Appendix B - Test Setup Photograph

Refer to “2303RSU050-UT” file.



Appendix C - EUT Photograph

Refer to “2303RSU050-UE” file.