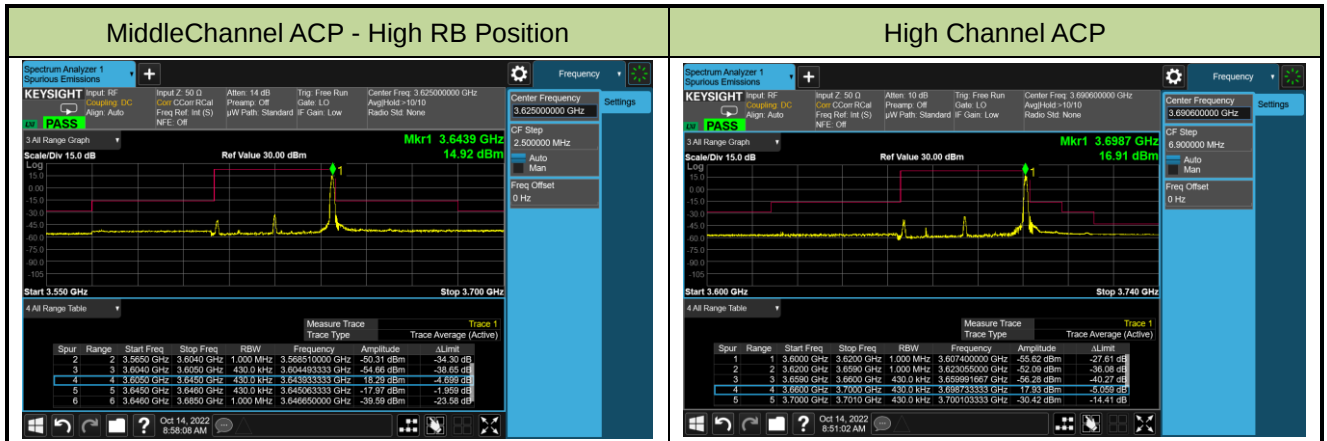
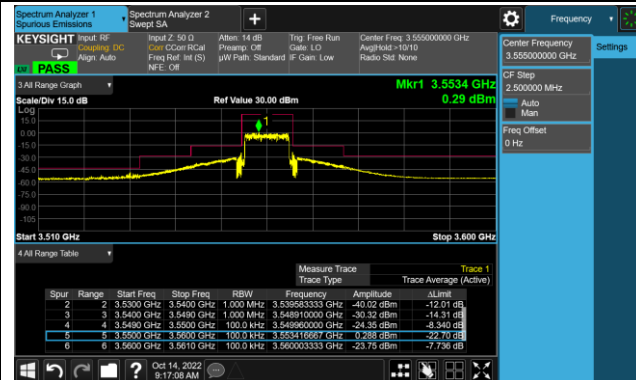


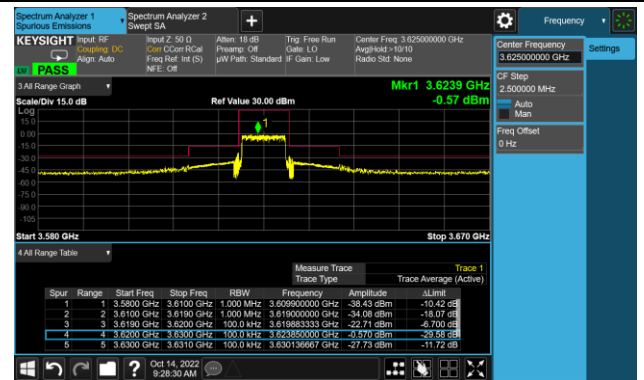


10MHz Channel Bandwidth - Full RB

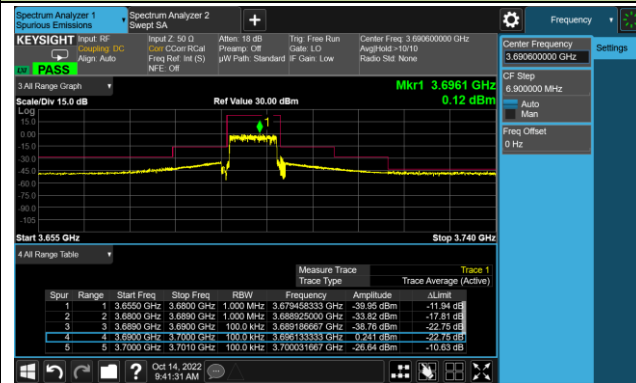
Low Channel ACP



Middle Channel ACP

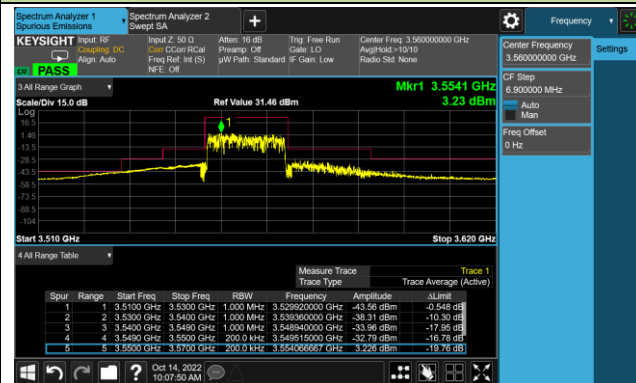


High Channel ACP

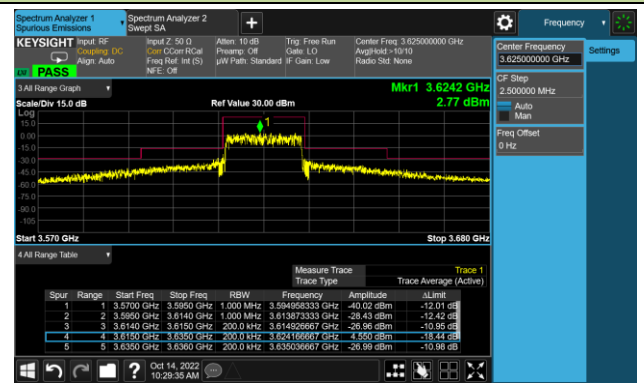


20MHz Channel Bandwidth - Full RB

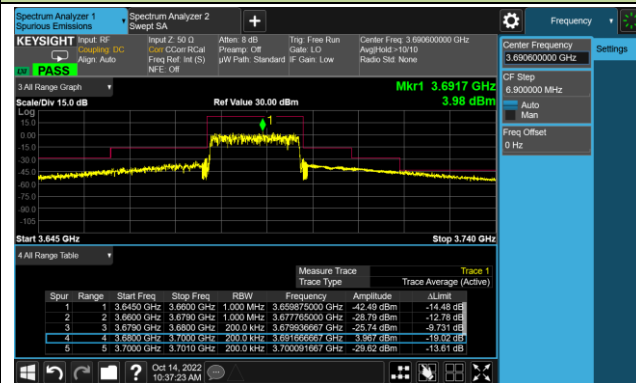
Low Channel ACP



Middle Channel ACP

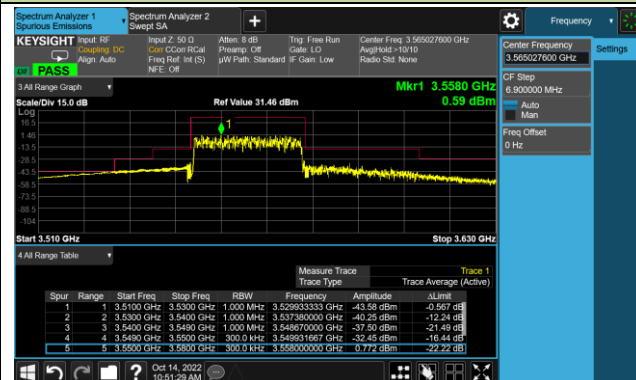


High Channel ACP

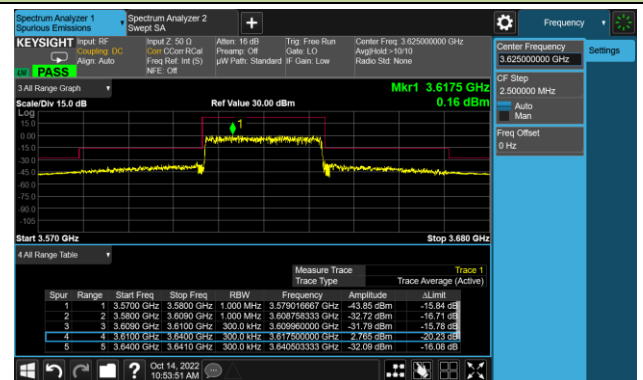


30MHz Channel Bandwidth - Full RB

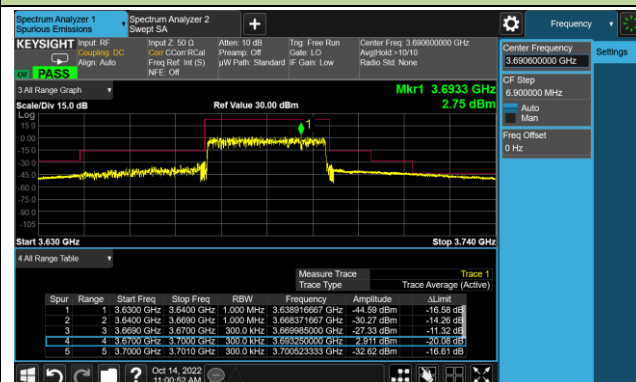
Low Channel ACP



Middle Channel ACP

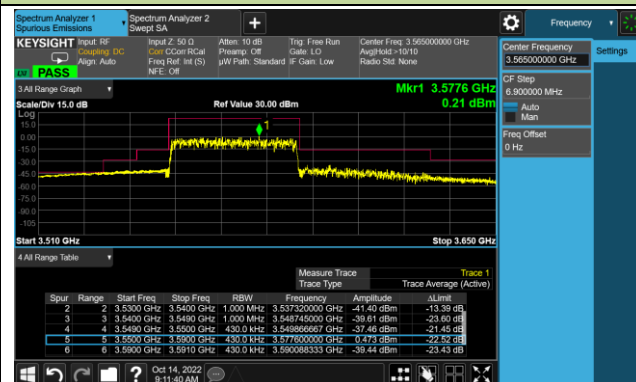


High Channel ACP

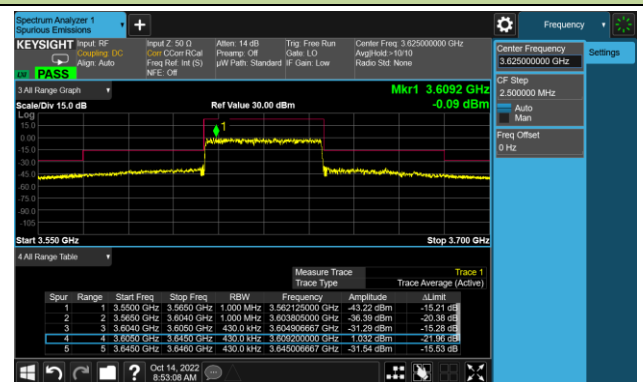


40MHz Channel Bandwidth - Full RB

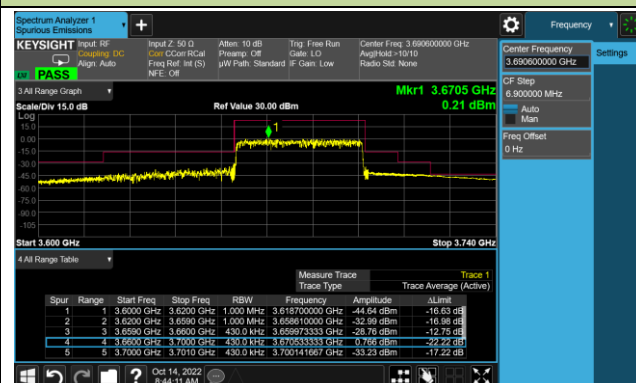
Low Channel ACP



Middle Channel ACP



High Channel ACP



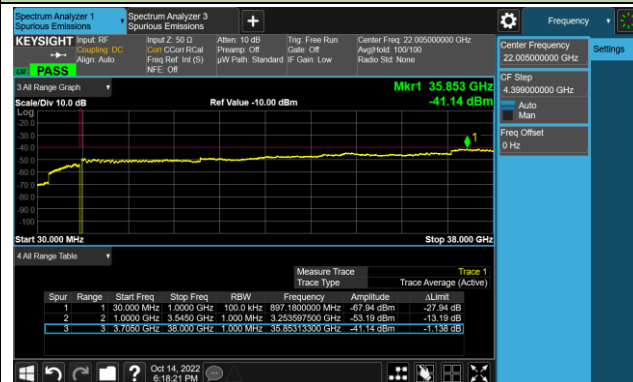
A.5 Conducted Spurious Emissions Test Result

Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-10-14	Test Band	n48_SA

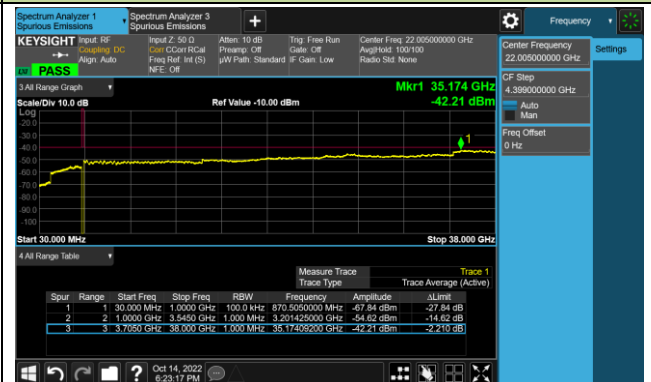
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm/MHz)	Limit (dBm/ MHz)	Result
QPSK					
3555.00	10	30 ~ 38000	-41.14	≤ -40.00	Pass
3624.99	10	30 ~ 38000	-42.21	≤ -40.00	Pass
3694.98	10	30 ~ 38000	-42.04	≤ -40.00	Pass
3560.01	20	30 ~ 38000	-42.23	≤ -40.00	Pass
3624.99	20	30 ~ 38000	-42.19	≤ -40.00	Pass
3690.00	20	30 ~ 38000	-42.20	≤ -40.00	Pass
3565.02	30	30 ~ 38000	-42.15	≤ -40.00	Pass
3624.99	30	30 ~ 38000	-42.24	≤ -40.00	Pass
3684.99	30	30 ~ 38000	-42.16	≤ -40.00	Pass
3570.00	40	30 ~ 38000	-42.14	≤ -40.00	Pass
3624.99	40	30 ~ 38000	-42.20	≤ -40.00	Pass
3679.98	40	30 ~ 38000	-42.09	≤ -40.00	Pass

10MHz Channel Bandwidth

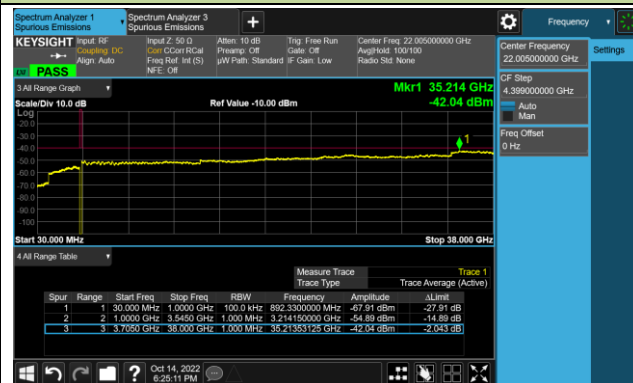
Low Channel



Middle Channel

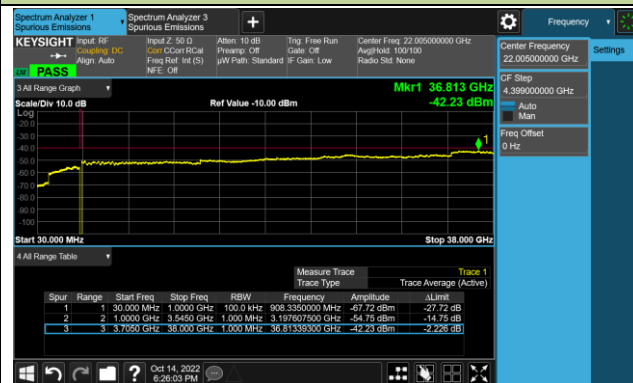


High Channel

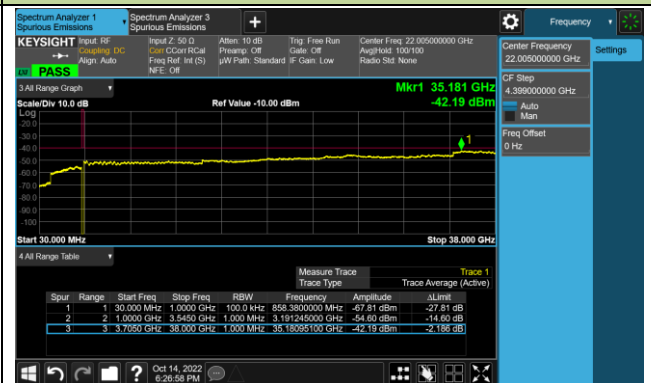


20MHz Channel Bandwidth

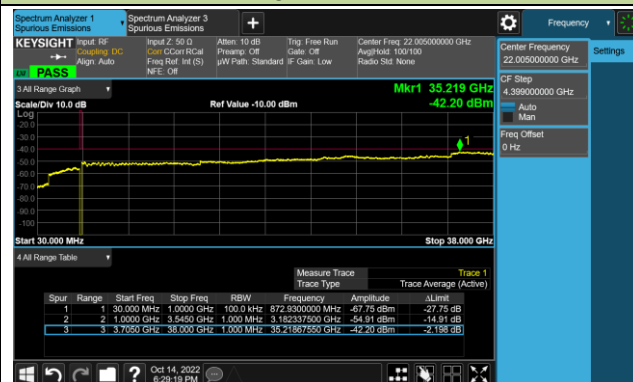
Low Channel



Middle Channel

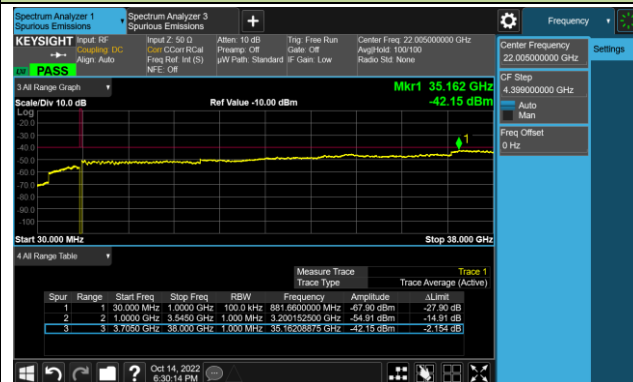


High Channel

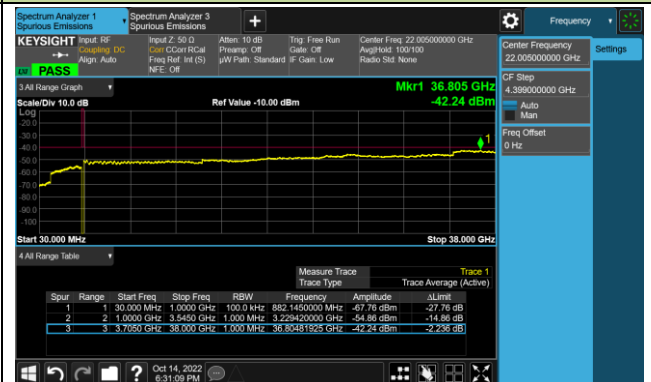


30MHz Channel Bandwidth

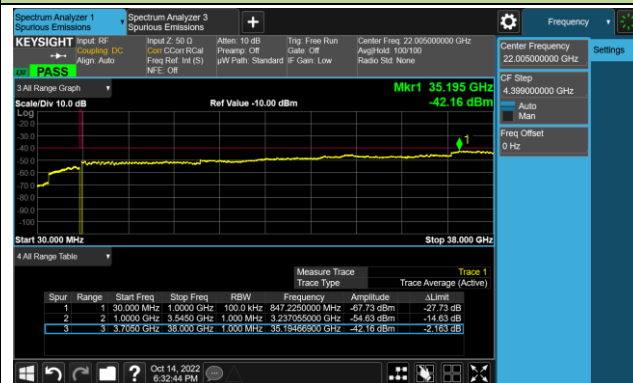
Low Channel



Middle Channel

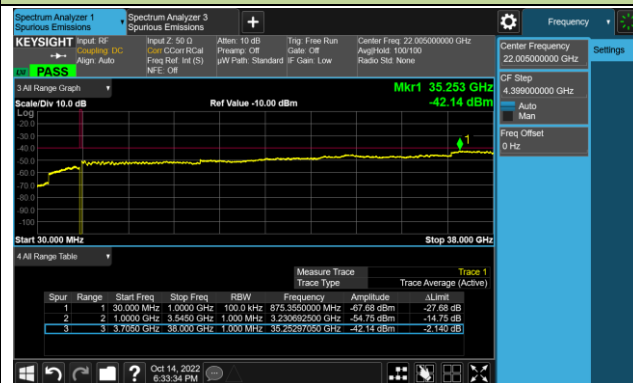


High Channel

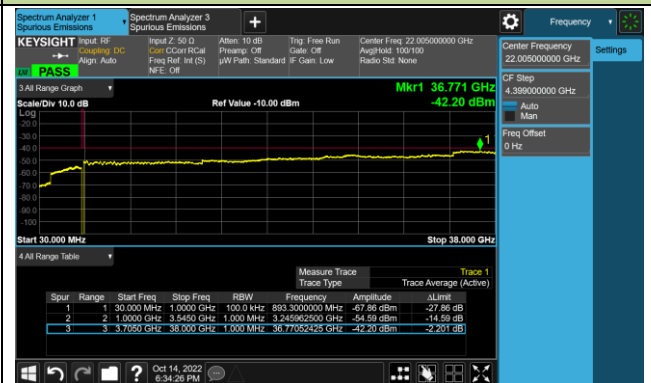


40MHz Channel Bandwidth

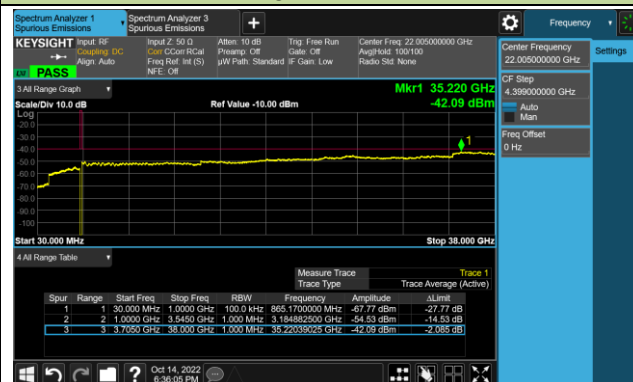
Low Channel



Middle Channel



High Channel

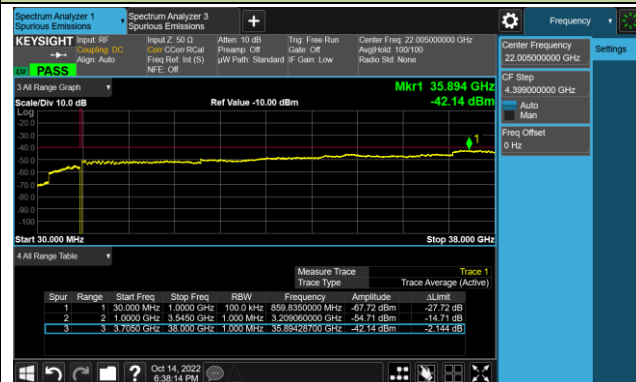


Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-10-14	Test Band	n48_ENDC

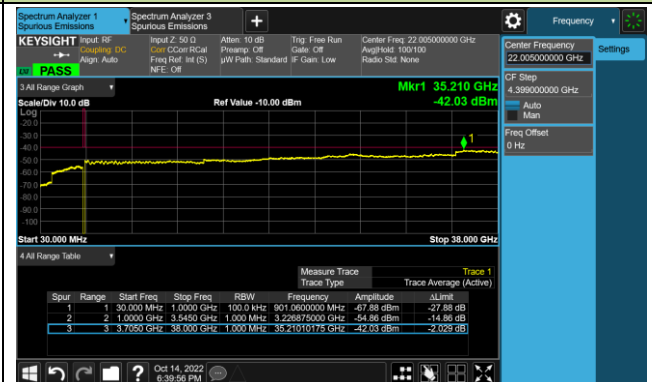
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm/MHz)	Limit (dBm/ MHz)	Result
QPSK					
3555.00	10	30 ~ 38000	-42.14	≤ -40.00	Pass
3624.99	10	30 ~ 38000	-42.03	≤ -40.00	Pass
3694.98	10	30 ~ 38000	-42.20	≤ -40.00	Pass
3560.01	20	30 ~ 38000	-42.26	≤ -40.00	Pass
3624.99	20	30 ~ 38000	-42.08	≤ -40.00	Pass
3690.00	20	30 ~ 38000	-42.13	≤ -40.00	Pass
3565.02	30	30 ~ 38000	-42.11	≤ -40.00	Pass
3624.99	30	30 ~ 38000	-42.19	≤ -40.00	Pass
3684.99	30	30 ~ 38000	-42.29	≤ -40.00	Pass
3570.00	40	30 ~ 38000	-42.16	≤ -40.00	Pass
3624.99	40	30 ~ 38000	-42.21	≤ -40.00	Pass
3679.98	40	30 ~ 38000	-42.21	≤ -40.00	Pass

10MHz Channel Bandwidth

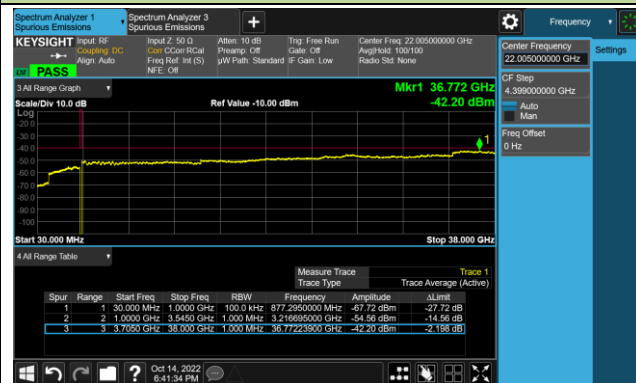
Low Channel



Middle Channel

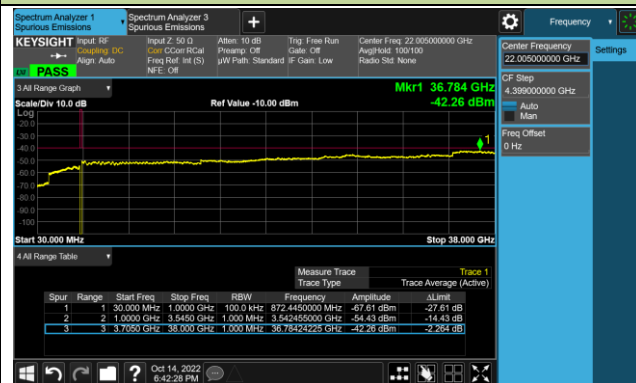


High Channel

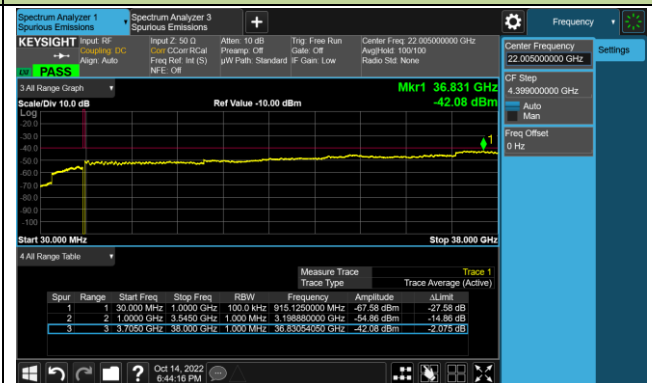


20MHz Channel Bandwidth

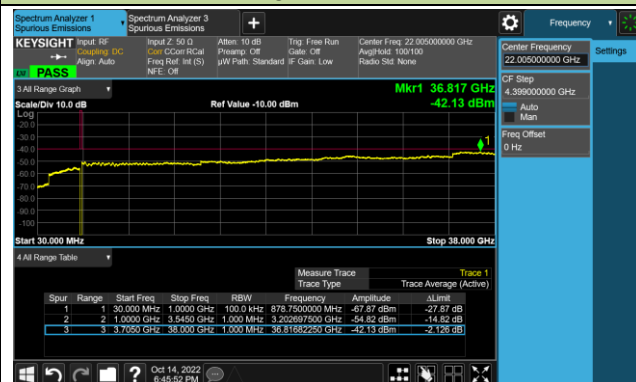
Low Channel



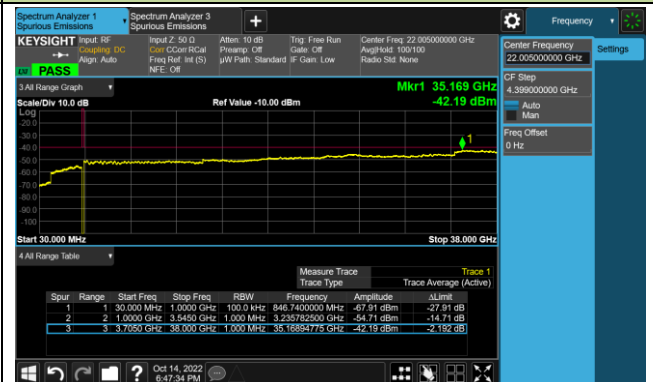
Middle Channel



High Channel



Middle Channel



Spectrum Analyzer 3
Spurious Emissions

KEYSIGHT Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Freq Ref: 1st (S)
NFE: Off

Attenu: 10 dB
Preamp: Off
μW Path: Standard
IF Gain: Low

Trig: Free Run
Gate: Off
Center Freq: 22.055000000 GHz
Avg Load: 100100
Radio Std: None

Center Frequency
22.055000000 GHz

CF Step
4.398000000 GHz

Auto
Man

Freq Offset
0 Hz

Scale/Div 10.0 dB

Ref Value -10.00 dBm

Mkr1 36.781 GHz
-42.29 dBm

Start 30.000 MHz
Stop 38.000 GHz

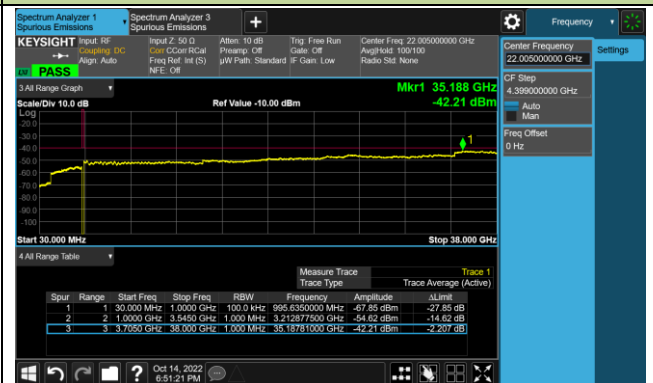
All Range Table

Measure Trace Trace 1
Trace Type Trace Average (Active)

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	30.000 MHz	1.0000 GHz	100.0 kHz	883.6000000 MHz	-67.82 dBm	-27.82 dB
2	1	1.0000 GHz	3.5450 GHz	1.000 MHz	3.112517500 GHz	-54.68 dBm	-14.64 dB
3	3	3.7050 GHz	38.000 GHz	1.000 MHz	36.78081275 GHz	-42.29 dBm	-2.294 dB

Q16, 2022
6:49:34 PM

Middle Channel



The screenshot shows a Keysight Spectrum Analyzer interface. At the top, the 'KEYSIGHT' logo is visible. The main display area shows a spectrum plot with a yellow trace. A vertical yellow line is positioned at 30.000 MHz. The plot has a scale of 10.0 dB and a reference value of -10.00 dBm. The frequency range is from 30.000 MHz to 38.000 MHz. The plot shows a relatively flat trace with some noise. A green '1' is visible on the right side of the plot.

Below the plot, there is a table titled 'Measure Trace' with columns for Spur, Range, Start Freq, Stop Freq, RBW, Frequency, Amplitude, and Trace 1 (Active). The table contains three rows of data:

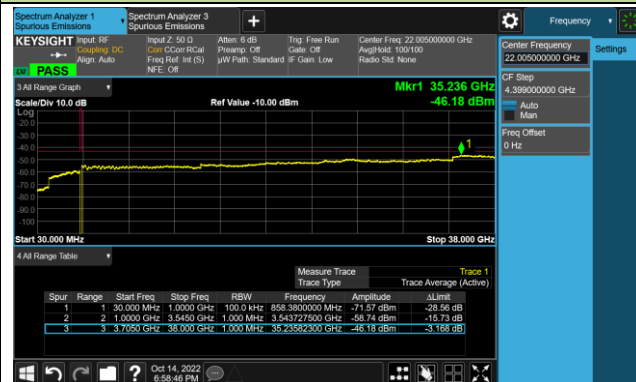
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Trace 1 (Active)
1	30.000 MHz	1.0000 GHz	100.0 kHz	879.2300000 MHz	-67.88 dBm	-27.88 dB	
2	1.0000 GHz	3.0450 GHz	1.0000 GHz	3.096807500 GHz	-54.69 dBm	-14.69 dB	
3	3.0450 GHz	38.000 GHz	1.0000 GHz	38.742250000 GHz	-22.21 dBm	-22.21 dB	

Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-10-14	Test Band	n48_UL MIMO (Port 0)

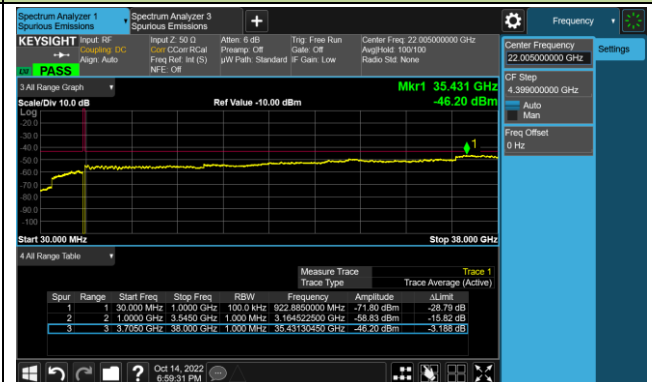
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm/MHz)	Limit (dBm/ MHz)	Result
QPSK					
3555.00	10	30 ~ 38000	-46.18	≤ -43.01	Pass
3624.99	10	30 ~ 38000	-46.20	≤ -43.01	Pass
3694.98	10	30 ~ 38000	-46.27	≤ -43.01	Pass
3560.01	20	30 ~ 38000	-46.21	≤ -43.01	Pass
3624.99	20	30 ~ 38000	-46.12	≤ -43.01	Pass
3690.00	20	30 ~ 38000	-46.12	≤ -43.01	Pass
3565.02	30	30 ~ 38000	-46.11	≤ -43.01	Pass
3624.99	30	30 ~ 38000	-46.34	≤ -43.01	Pass
3684.99	30	30 ~ 38000	-46.19	≤ -43.01	Pass
3570.00	40	30 ~ 38000	-46.13	≤ -43.01	Pass
3624.99	40	30 ~ 38000	-46.16	≤ -43.01	Pass
3679.98	40	30 ~ 38000	-46.10	≤ -43.01	Pass

10MHz Channel Bandwidth

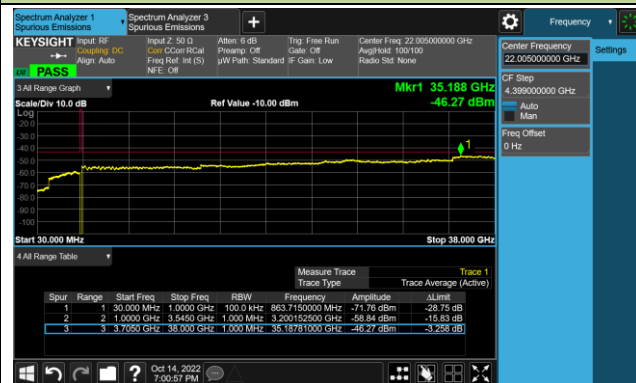
Low Channel



Middle Channel

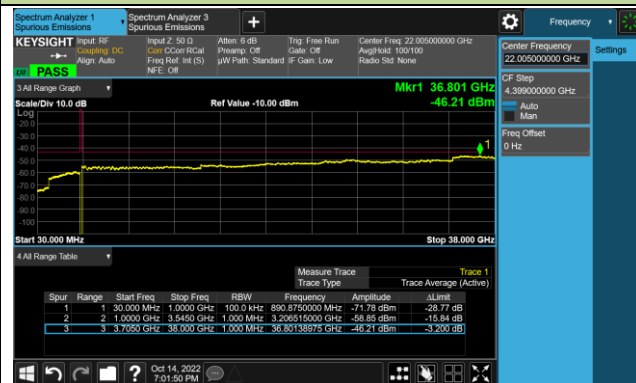


High Channel

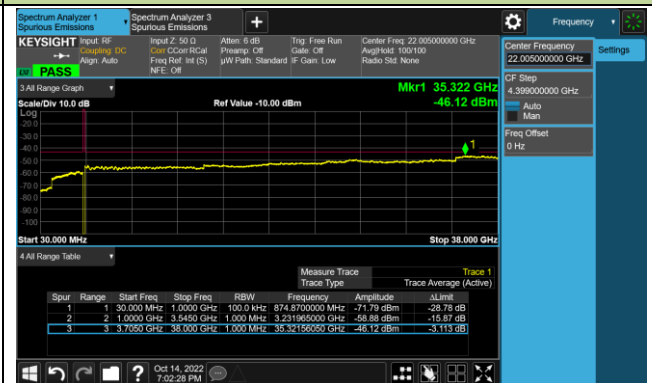


20MHz Channel Bandwidth

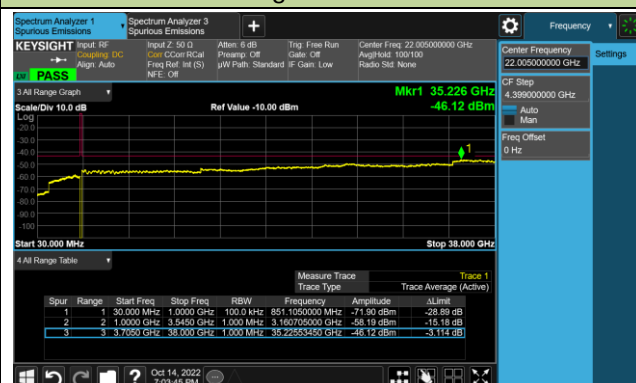
Low Channel



Middle Channel

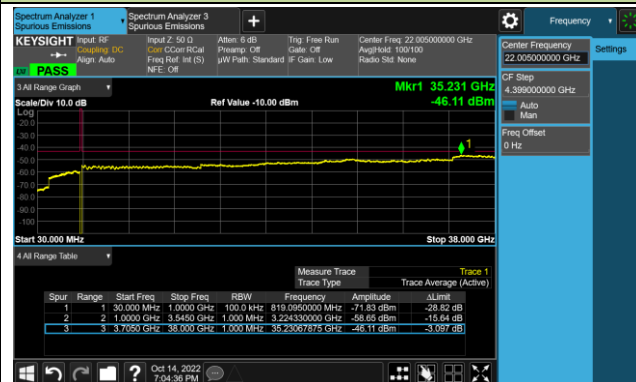


High Channel

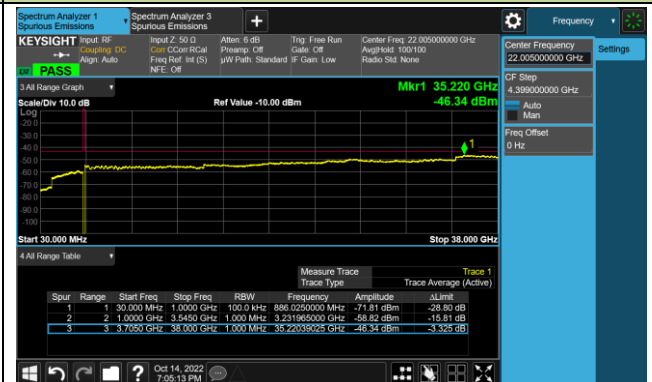


30MHz Channel Bandwidth

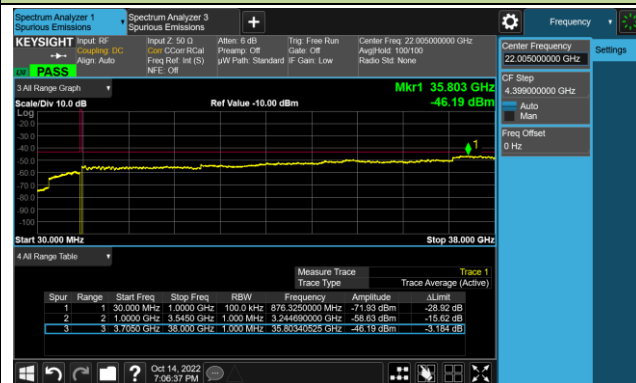
Low Channel



Middle Channel

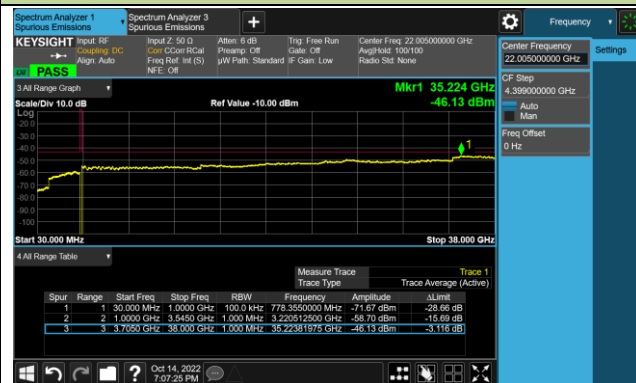


High Channel

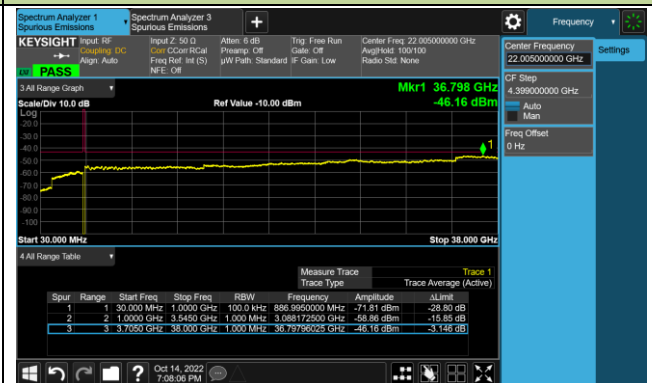


40MHz Channel Bandwidth

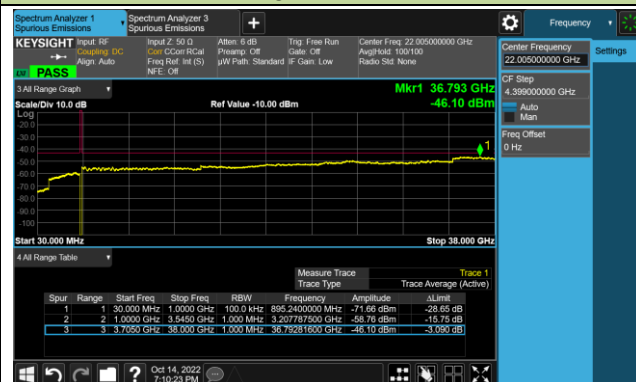
Low Channel



Middle Channel



High Channel

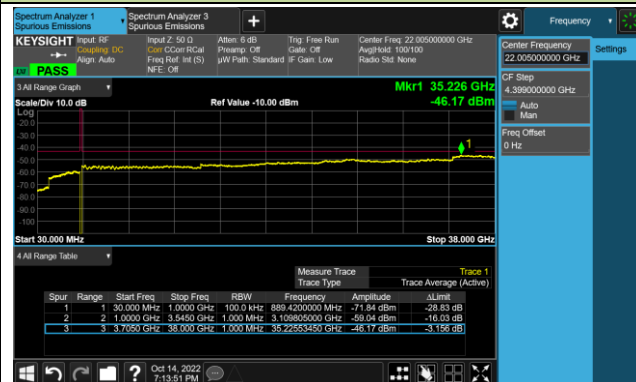


Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-10-14	Test Band	n48_UL MIMO (Port 3)

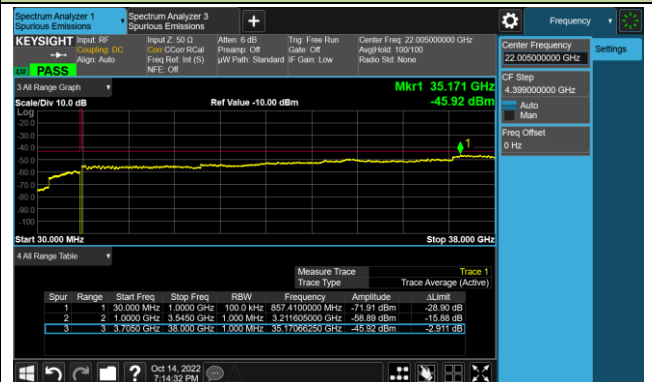
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm/MHz)	Limit (dBm/ MHz)	Result
QPSK					
3555.00	10	30 ~ 38000	-46.17	≤ -43.01	Pass
3624.99	10	30 ~ 38000	-45.92	≤ -43.01	Pass
3694.98	10	30 ~ 38000	-46.29	≤ -43.01	Pass
3560.01	20	30 ~ 38000	-46.19	≤ -43.01	Pass
3624.99	20	30 ~ 38000	-46.05	≤ -43.01	Pass
3690.00	20	30 ~ 38000	-46.04	≤ -43.01	Pass
3565.02	30	30 ~ 38000	-46.21	≤ -43.01	Pass
3624.99	30	30 ~ 38000	-46.05	≤ -43.01	Pass
3684.99	30	30 ~ 38000	-46.15	≤ -43.01	Pass
3570.00	40	30 ~ 38000	-46.17	≤ -43.01	Pass
3624.99	40	30 ~ 38000	-46.29	≤ -43.01	Pass
3679.98	40	30 ~ 38000	-46.05	≤ -43.01	Pass

10MHz Channel Bandwidth

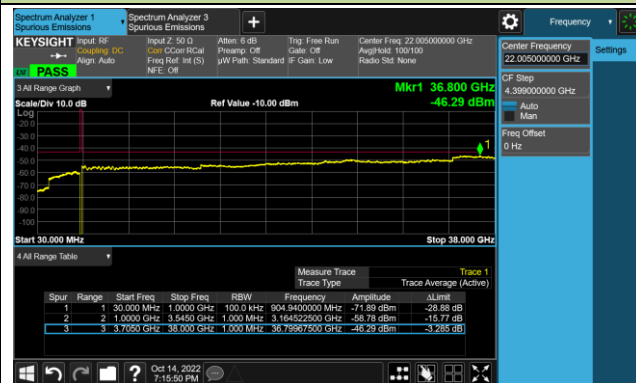
Low Channel



Middle Channel

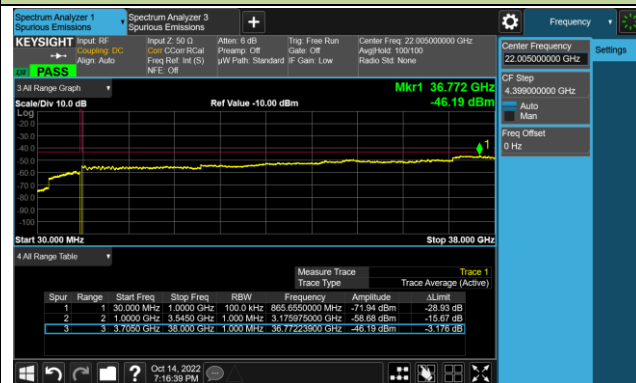


High Channel

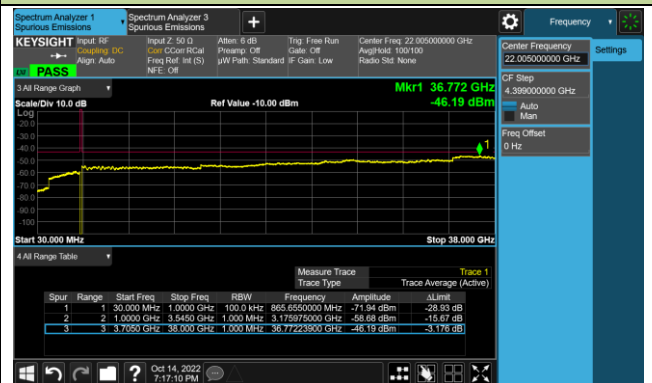


20MHz Channel Bandwidth

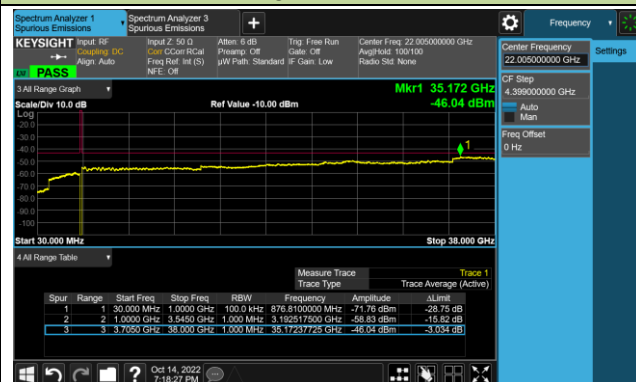
Low Channel



Middle Channel

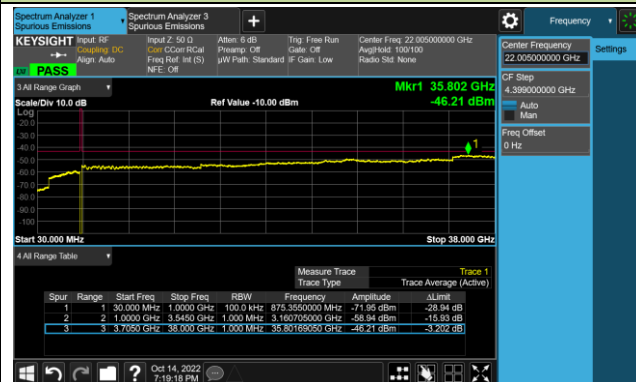


High Channel

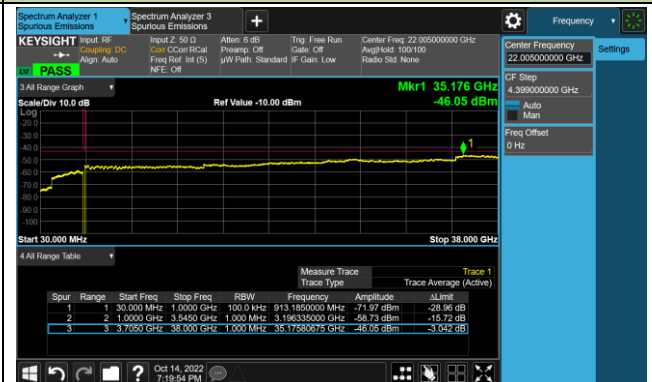


30MHz Channel Bandwidth

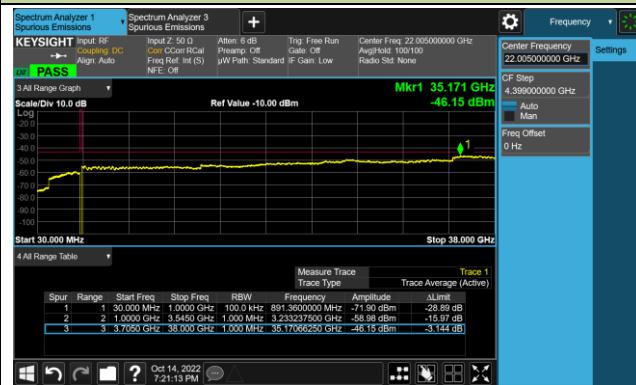
Low Channel



Middle Channel

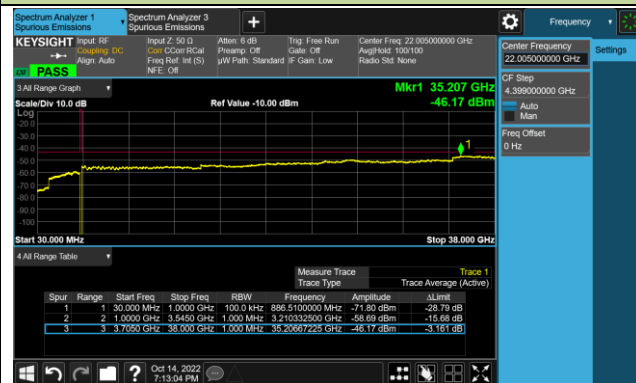


High Channel

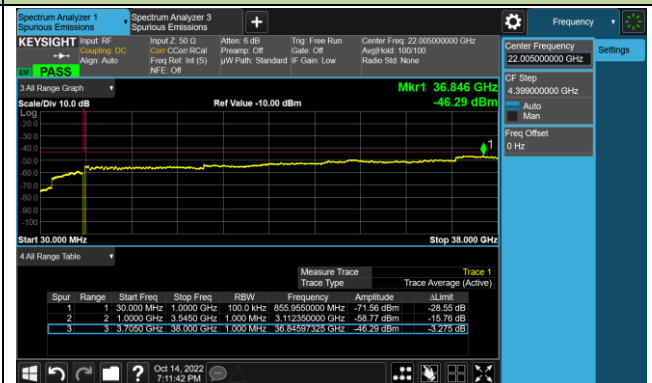


40MHz Channel Bandwidth

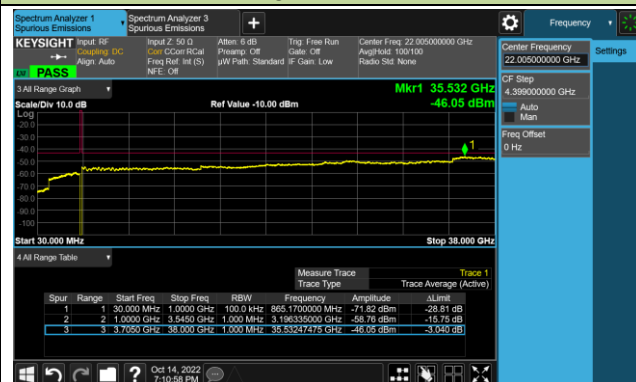
Low Channel



Middle Channel



High Channel



A.6 Radiated Spurious Emissions Test Result

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-09-27 ~ 2022-09-29	Test Band	n48_SA, 10MHz, 1RB

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
53.8	3.5	20.4	23.9	55.3	-31.4	Peak	Horizontal
841.4	3.2	30.3	33.5	55.3	-21.8	Peak	Horizontal
57.6	17.4	20.0	37.4	55.3	-17.9	Peak	Vertical
714.8	3.6	28.5	32.1	55.3	-23.2	Peak	Vertical
8828.5	33.4	13.3	46.7	55.3	-8.6	Peak	Horizontal
12832.0	31.2	17.8	49.0	55.3	-6.3	Peak	Horizontal
9415.0	33.1	14.0	47.1	55.3	-8.2	Peak	Vertical
15722.0	31.5	17.8	49.3	55.3	-6.0	Peak	Vertical
Middle Channel							
54.3	4.9	20.3	25.2	55.3	-30.1	Peak	Horizontal
757.5	2.8	29.5	32.3	55.3	-23.0	Peak	Horizontal
53.8	17.6	20.4	38.0	55.3	-17.3	Peak	Vertical
676.5	3.2	28.1	31.3	55.3	-24.0	Peak	Vertical
8531.0	33.4	12.4	45.8	55.3	-9.5	Peak	Horizontal
12262.5	31.5	17.8	49.3	55.3	-6.0	Peak	Horizontal
10350.0	32.8	15.3	48.1	55.3	-7.2	Peak	Vertical
13537.5	30.4	18.9	49.3	55.3	-6.0	Peak	Vertical
Top Channel							
53.3	5.0	20.4	25.4	55.3	-29.9	Peak	Horizontal
945.7	3.1	31.5	34.6	55.3	-20.7	Peak	Horizontal
52.8	18.1	20.4	38.5	55.3	-16.8	Peak	Vertical
694.9	2.8	28.5	31.3	55.3	-24.0	Peak	Vertical
8199.5	33.5	11.4	44.9	55.3	-10.4	Peak	Horizontal
12237.0	30.9	17.9	48.8	55.3	-6.5	Peak	Horizontal
8760.5	32.7	13.1	45.8	55.3	-9.5	Peak	Vertical
12160.5	32.0	17.5	49.5	55.3	-5.8	Peak	Vertical

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-09-27 ~ 2022-09-29	Test Band	n48_ENDC, 10MHz, 1RB

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
52.3	1.4	20.4	21.8	55.3	-33.5	Peak	Horizontal
721.6	3.6	28.7	32.3	55.3	-23.0	Peak	Horizontal
58.6	14.1	19.8	33.9	55.3	-21.4	Peak	Vertical
917.6	2.8	31.2	34.0	55.3	-21.3	Peak	Vertical
7511.0	32.6	11.5	44.1	55.3	-11.2	Peak	Horizontal
10528.5	32.8	15.7	48.5	55.3	-6.8	Peak	Horizontal
9211.0	32.3	14.0	46.3	55.3	-9.0	Peak	Vertical
13733.0	29.2	19.8	49.0	55.3	-6.3	Peak	Vertical
Middle Channel							
53.3	2.2	20.4	22.6	55.3	-32.7	Peak	Horizontal
727.4	2.9	28.9	31.8	55.3	-23.5	Peak	Horizontal
52.8	14.9	20.4	35.3	55.3	-20.0	Peak	Vertical
687.2	3.3	28.3	31.6	55.3	-23.7	Peak	Vertical
7349.5	32.4	11.5	43.9	55.3	-11.4	Peak	Horizontal
11667.5	30.8	17.7	48.5	55.3	-6.8	Peak	Horizontal
9534.0	33.7	13.5	47.2	55.3	-8.1	Peak	Vertical
12203.0	31.1	17.6	48.7	55.3	-6.6	Peak	Vertical
Top Channel							
52.3	3.9	20.4	24.3	55.3	-31.0	Peak	Horizontal
795.3	3.0	29.6	32.6	55.3	-22.7	Peak	Horizontal
52.3	3.9	20.4	24.3	55.3	-31.0	Peak	Vertical
795.3	3.0	29.6	32.6	55.3	-22.7	Peak	Vertical
10766.5	31.8	16.4	48.2	55.3	-7.1	Peak	Horizontal
13214.5	30.0	18.5	48.5	55.3	-6.8	Peak	Horizontal
7766.0	32.0	11.2	43.2	55.3	-12.1	Peak	Vertical
13240.0	30.5	18.4	48.9	55.3	-6.4	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-09-27 ~ 2022-09-29	Test Band	n48_MIMO, 10MHz, 1RB

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
54.3	5.4	20.3	25.7	55.3	-29.6	Peak	Horizontal
719.7	3.0	28.6	31.6	55.3	-23.7	Peak	Horizontal
58.1	19.3	19.9	39.2	55.3	-16.1	Peak	Vertical
729.9	3.5	28.9	32.4	55.3	-22.9	Peak	Vertical
8148.5	33.3	12.0	45.3	55.3	-10.0	Peak	Horizontal
12160.5	30.9	17.5	48.4	55.3	-6.9	Peak	Horizontal
7842.5	32.4	11.1	43.5	55.3	-11.8	Peak	Vertical
11489.0	32.0	17.5	49.5	55.3	-5.8	Peak	Vertical
Middle Channel							
54.3	5.3	20.3	25.6	55.3	-29.7	Peak	Horizontal
765.3	3.0	29.5	32.5	55.3	-22.8	Peak	Horizontal
53.8	18.0	20.4	38.4	55.3	-16.9	Peak	Vertical
728.9	3.5	28.9	32.4	55.3	-22.9	Peak	Vertical
7298.5	32.9	11.2	44.1	55.3	-11.2	Peak	Horizontal
10418.0	33.1	15.6	48.7	55.3	-6.6	Peak	Horizontal
7205.0	32.3	11.3	43.6	55.3	-11.7	Peak	Vertical
12704.5	30.6	17.3	47.9	55.3	-7.4	Peak	Vertical
Top Channel							
53.8	4.8	20.4	25.2	55.3	-30.1	Peak	Horizontal
915.1	3.3	31.2	34.5	55.3	-20.8	Peak	Horizontal
57.2	18.0	20.0	38.0	55.3	-17.3	Peak	Vertical
854.0	2.3	30.5	32.8	55.3	-22.5	Peak	Vertical
8854.0	32.2	13.5	45.7	55.3	-9.6	Peak	Horizontal
12721.5	31.3	17.2	48.5	55.3	-6.8	Peak	Horizontal
9126.0	33.4	13.6	47.0	55.3	-8.3	Peak	Vertical
12789.5	31.2	17.3	48.5	55.3	-6.8	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor(dB/m).							

A.7 End User Device Additional Requirement (CBSD Protocol) Test Result

Test Site	WZ-SR6	Test Engineer	Jone Zhang
Test Date	2022-09-26	Test Band	CBSD transmit at 3580MHz (20MHz BW)



Marker 1: CBSD sends instructions to discontinue NR operations.

Marker 2: EUT discontinues operation.

Marker 3: 10 seconds elapsed time from CBSD sending instructions to EUT.

Test Site	WZ-SR6	Test Engineer	Jone Zhang
Test Date	2022-09-26	Test Band	CBSD transmit at 3680MHz (20MHz BW)



Marker 1: CBSD sends instructions to discontinue NR operations.

Marker 2: EUT discontinues operation.

Marker 3: 10 seconds elapsed time from CBSD sending instructions to EUT.

Appendix B - Test Setup Photograph

Refer to “2209RSU052-UT” file.

Appendix C - EUT Photograph

Refer to “2209RSU052-UE” file.