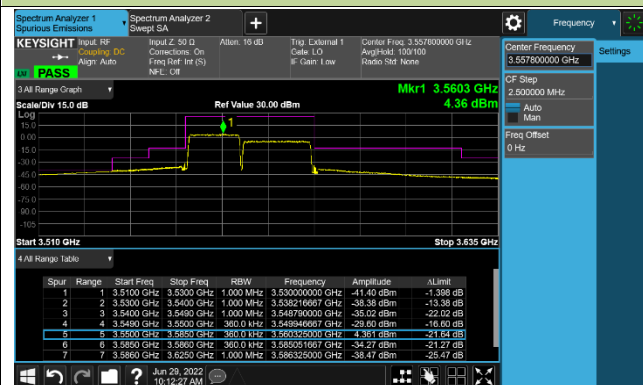
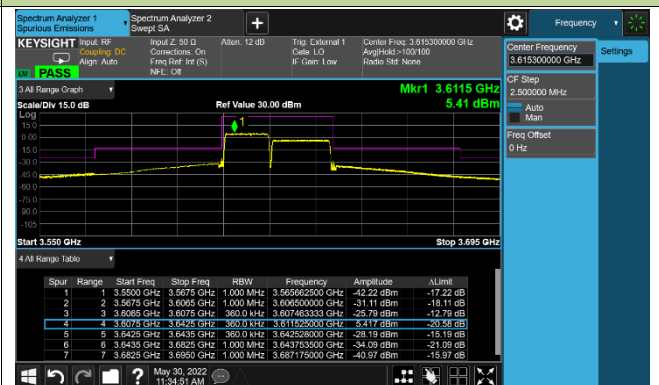


15+20MHz Channel Bandwidth Full RB

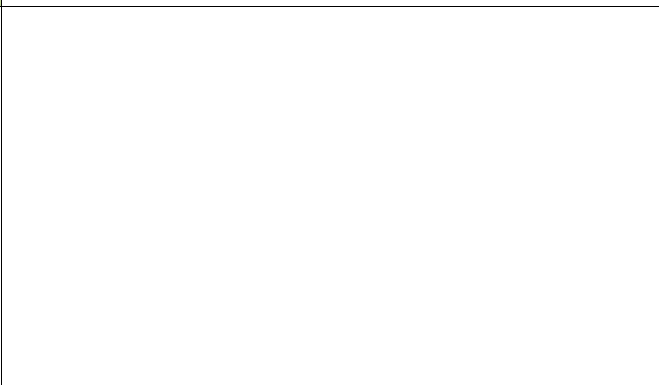
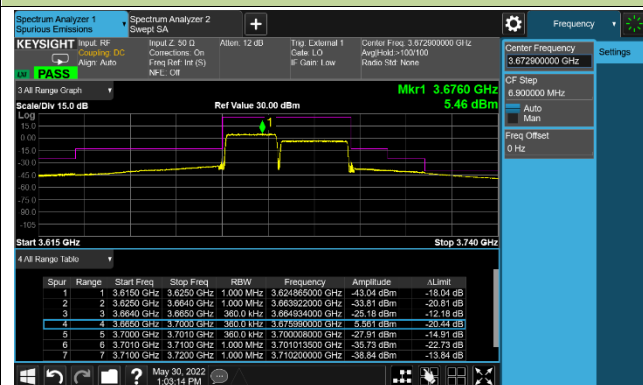
Lower Band Edge



Middle Band Edge

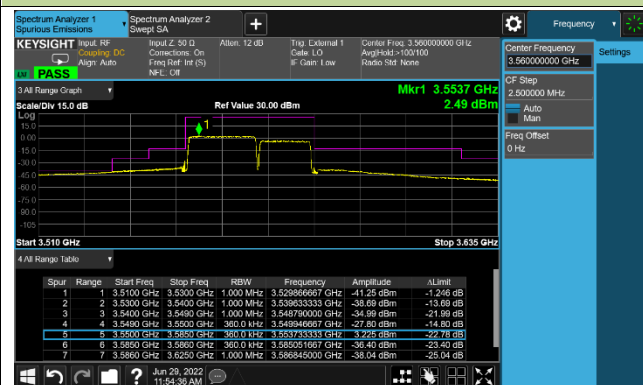


Upper Band Edge

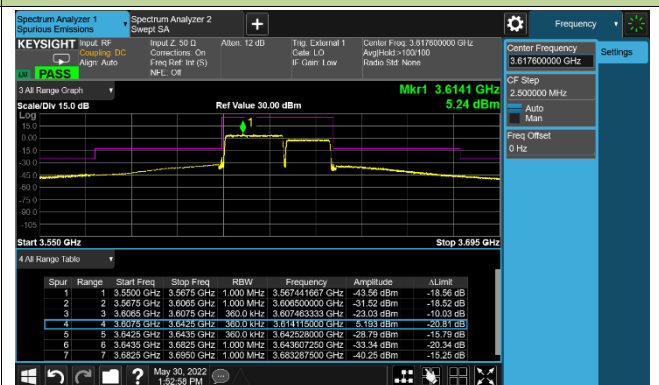


20+15MHz Channel Bandwidth Full RB

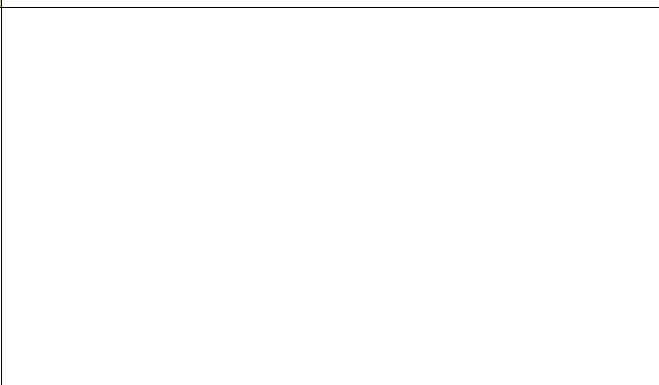
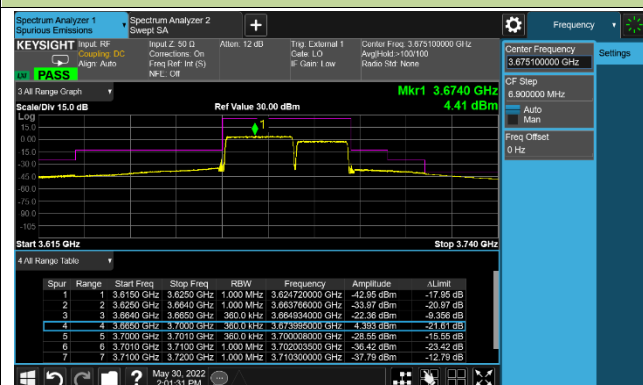
Lower Band Edge



Middle Band Edge

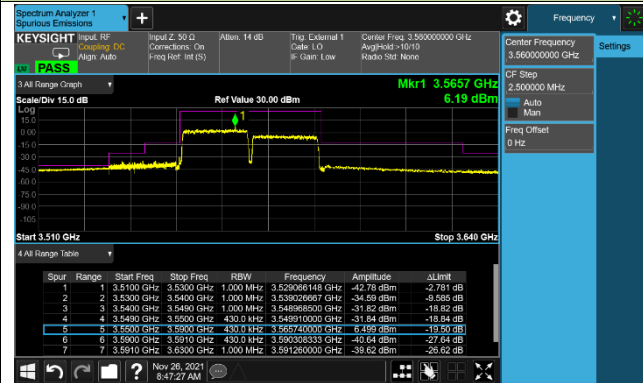


Upper Band Edge

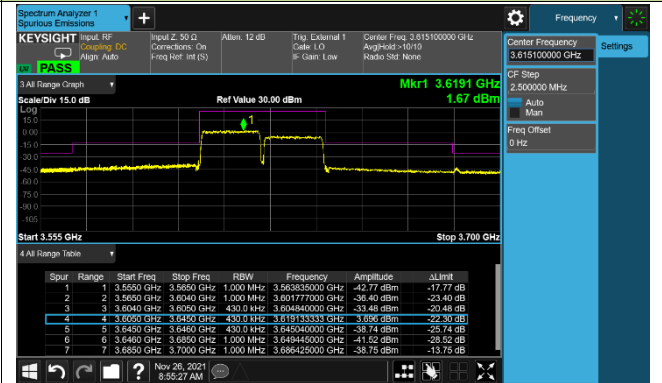


20+20MHz Channel Bandwidth Full RB

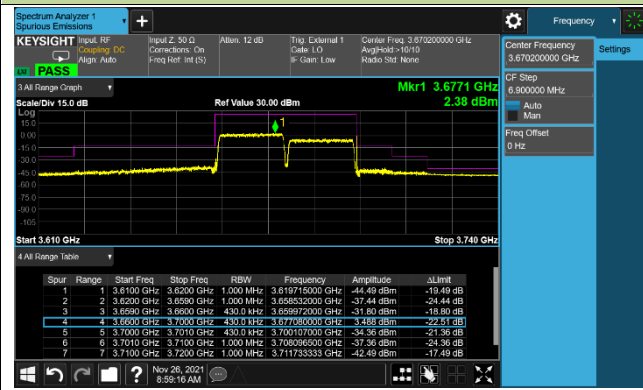
Lower Band Edge



Upper Band Edge



Middle Band Edge



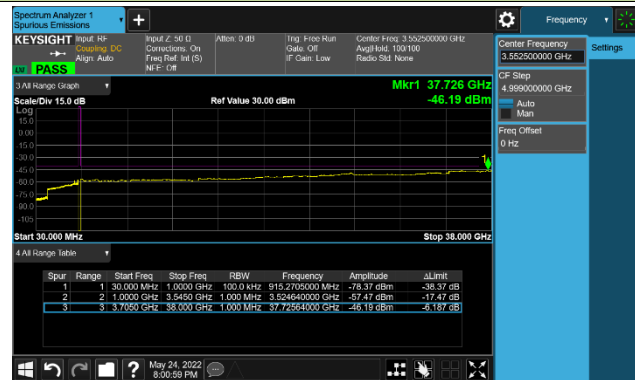
A.5 Conducted Spurious Emissions Test Result

| | | | |
|-----------|------------|---------------|-----------|
| Test Site | SIP-SR1 | Test Engineer | Allen Zou |
| Test Date | 2022/05/24 | Test Band | Band 48 |

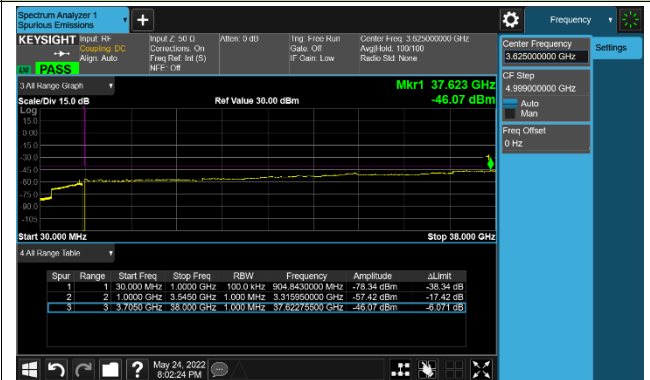
| Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm/MHz) | Limit (dBm/MHz) | Result |
|-----------------|-------------------------|-----------------------|----------------------------------|-----------------|--------|
| QPSK | | | | | |
| 3552.5 | 5 | 30 ~ 40000 | -46.19 | ≤ -40.00 | Pass |
| 3625.0 | 5 | 30 ~ 40000 | -46.07 | ≤ -40.00 | Pass |
| 3697.5 | 5 | 30 ~ 40000 | -46.07 | ≤ -40.00 | Pass |
| 3555.0 | 10 | 30 ~ 40000 | -45.99 | ≤ -40.00 | Pass |
| 3625.0 | 10 | 30 ~ 40000 | -46.10 | ≤ -40.00 | Pass |
| 3695.0 | 10 | 30 ~ 40000 | -40.74 | ≤ -40.00 | Pass |
| 3557.5 | 15 | 30 ~ 40000 | -43.32 | ≤ -40.00 | Pass |
| 3625.0 | 15 | 30 ~ 40000 | -46.19 | ≤ -40.00 | Pass |
| 3692.5 | 15 | 30 ~ 40000 | -45.97 | ≤ -40.00 | Pass |
| 3550.0 | 20 | 30 ~ 40000 | -42.14 | ≤ -40.00 | Pass |
| 3625.0 | 20 | 30 ~ 40000 | -46.16 | ≤ -40.00 | Pass |
| 3690.0 | 20 | 30 ~ 40000 | -42.14 | ≤ -40.00 | Pass |

5MHz Channel Bandwidth

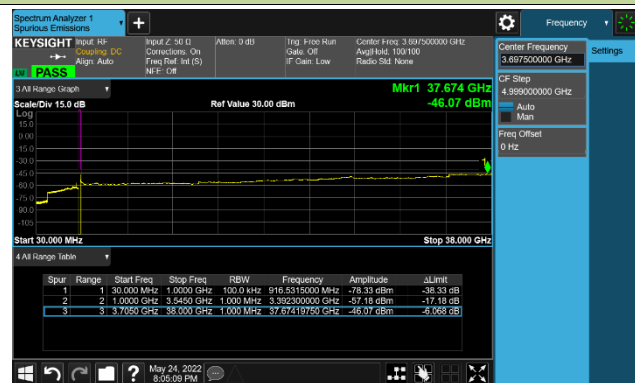
Low Channel



Middle Channel

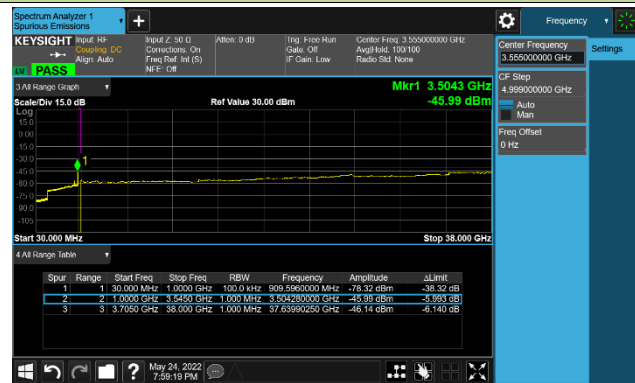


High Channel

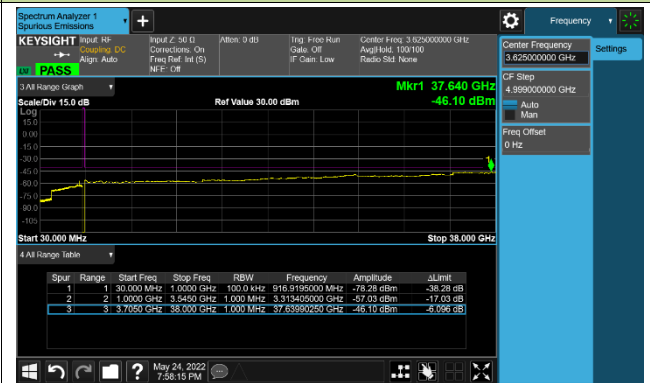


10MHz Channel Bandwidth

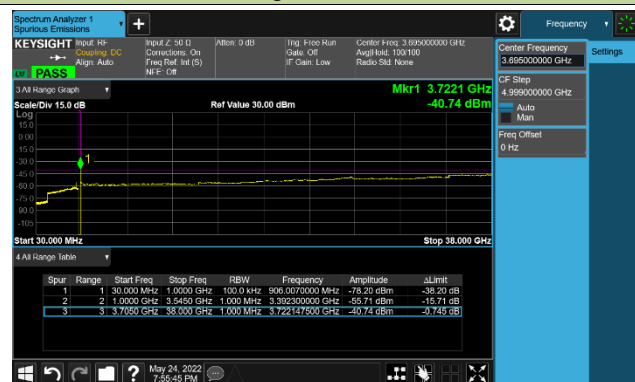
Low Channel



Middle Channel

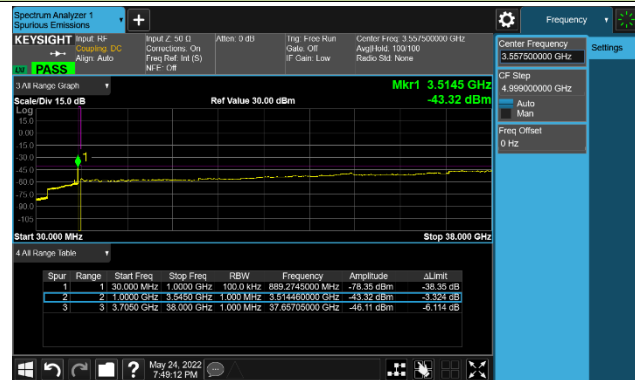


High Channel

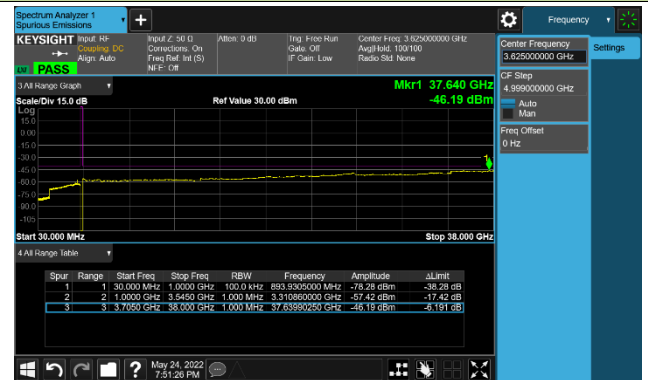


15MHz Channel Bandwidth

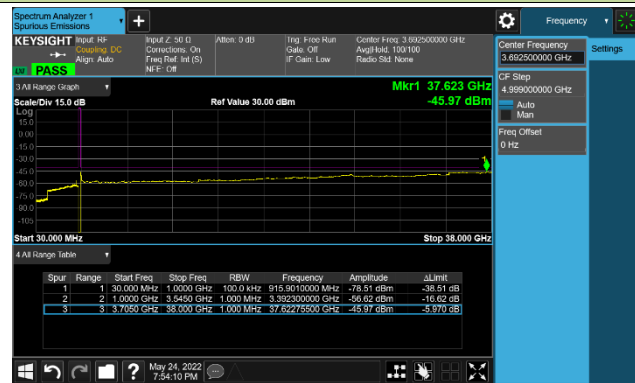
Low Channel



Middle Channel

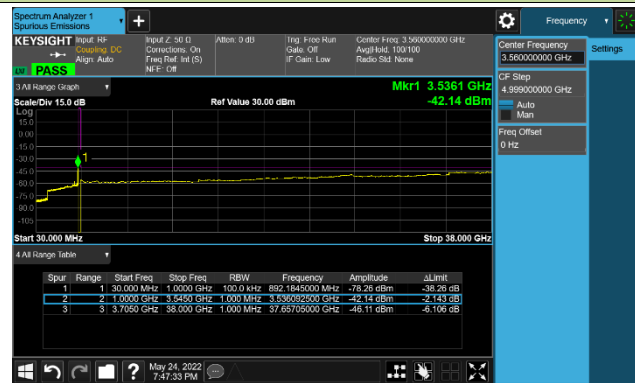


High Channel

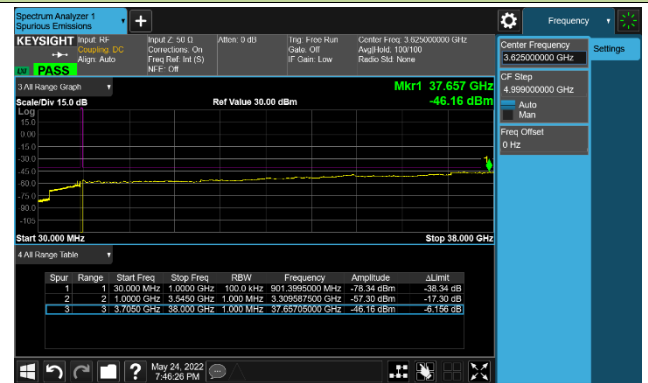


20MHz Channel Bandwidth

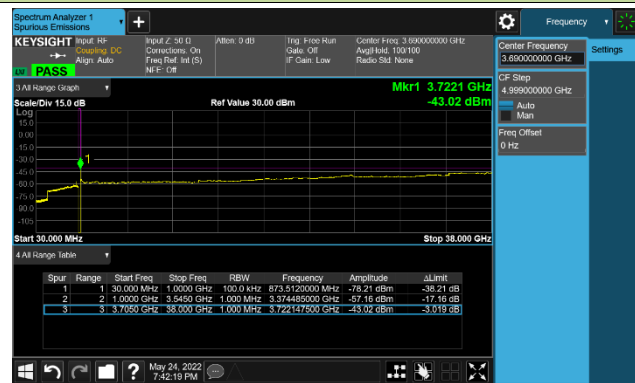
Low Channel



Middle Channel



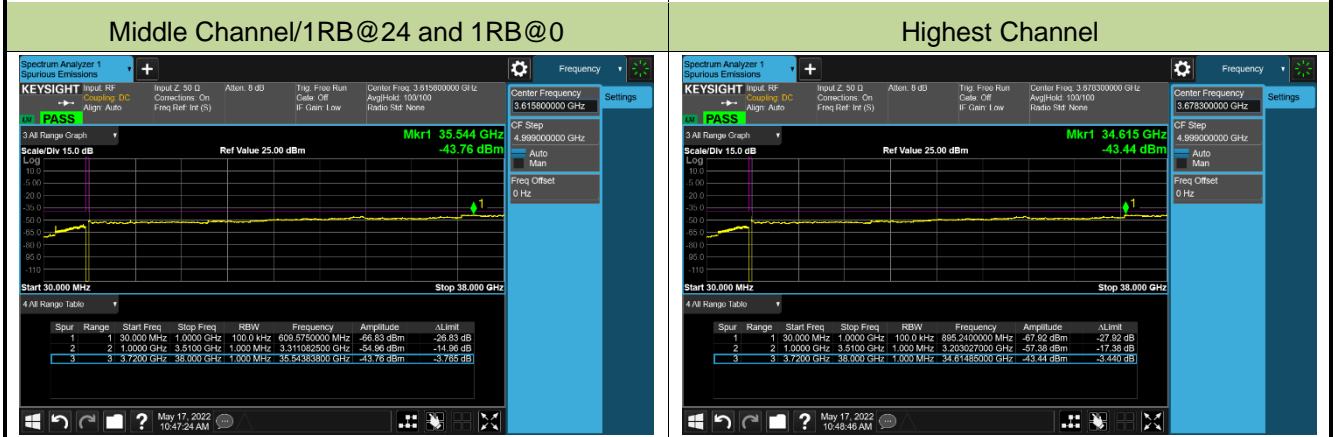
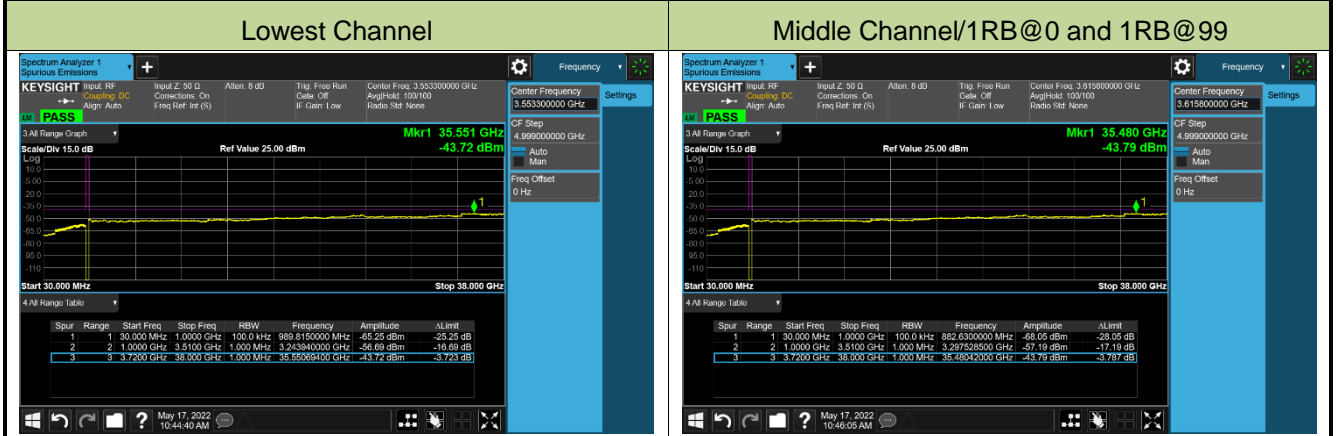
High Channel



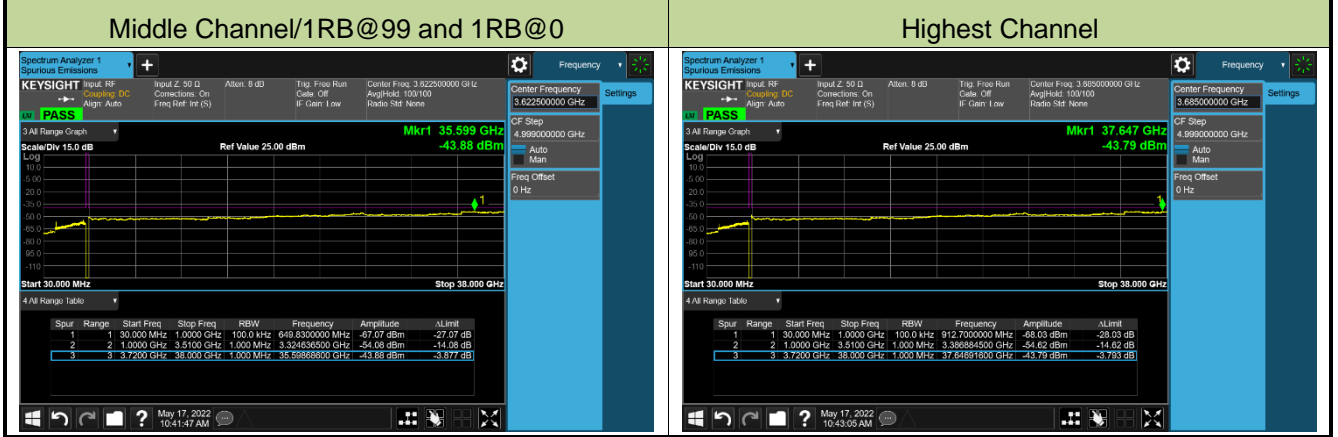
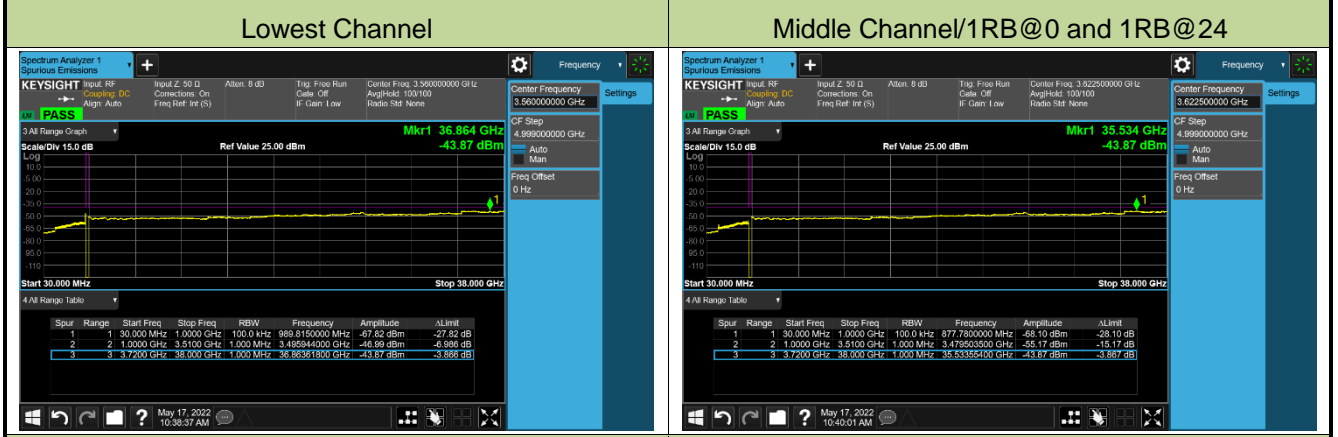
| | | | |
|-----------|------------|---------------|-------------------|
| Test Site | SIP-SR1 | Test Engineer | Allen Zou |
| Test Date | 2022/05/17 | Test Band | Intra-Band CA_48C |

| Frequency (MHz) | | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|-----------------|--------|-------------------------|-----------------------|------------------------------|-------------|--------|
| PCC | SCC | | | | | |
| 3553.3 | 3565.0 | 5+20 | 30 ~ 40000 | -43.72 | ≤ -40.00 | Pass |
| 3615.8 | 3627.5 | 5+20 | 30 ~ 40000 | -43.76 | ≤ -40.00 | Pass |
| 3678.3 | 3690.0 | 5+20 | 30 ~ 40000 | -43.44 | ≤ -40.00 | Pass |
| 3560.0 | 3571.7 | 20+5 | 30 ~ 40000 | -43.87 | ≤ -40.00 | Pass |
| 3622.5 | 3634.2 | 20+5 | 30 ~ 40000 | -43.87 | ≤ -40.00 | Pass |
| 3685.0 | 3696.7 | 20+5 | 30 ~ 40000 | -43.79 | ≤ -40.00 | Pass |
| 3555.5 | 3569.9 | 10+20 | 30 ~ 40000 | -45.63 | ≤ -40.00 | Pass |
| 3615.6 | 3630.0 | 10+20 | 30 ~ 40000 | -43.69 | ≤ -40.00 | Pass |
| 3675.6 | 3690.0 | 10+20 | 30 ~ 40000 | -42.50 | ≤ -40.00 | Pass |
| 3560.0 | 3574.4 | 20+10 | 30 ~ 40000 | -45.63 | ≤ -40.00 | Pass |
| 3620.1 | 3634.5 | 20+10 | 30 ~ 40000 | -43.69 | ≤ -40.00 | Pass |
| 3680.1 | 3694.5 | 20+10 | 30 ~ 40000 | -42.50 | ≤ -40.00 | Pass |
| 3557.8 | 3574.9 | 15+20 | 30 ~ 40000 | -40.10 | ≤ -40.00 | Pass |
| 3615.3 | 3632.4 | 15+20 | 30 ~ 40000 | -45.55 | ≤ -40.00 | Pass |
| 3672.9 | 3690.0 | 15+20 | 30 ~ 40000 | -41.56 | ≤ -40.00 | Pass |
| 3560.0 | 3577.1 | 20+15 | 30 ~ 40000 | -44.44 | ≤ -40.00 | Pass |
| 3617.6 | 3634.7 | 20+15 | 30 ~ 40000 | -45.68 | ≤ -40.00 | Pass |
| 3675.1 | 3692.2 | 20+15 | 30 ~ 40000 | -40.19 | ≤ -40.00 | Pass |
| 3560.0 | 3579.8 | 20+20 | 30 ~ 40000 | -41.44 | ≤ -40.00 | Pass |
| 3615.1 | 3634.9 | 20+20 | 30 ~ 40000 | -43.82 | ≤ -40.00 | Pass |
| 3670.2 | 3690.0 | 20+20 | 30 ~ 40000 | -41.81 | ≤ -40.00 | Pass |

5+20MHz Channel Bandwidth

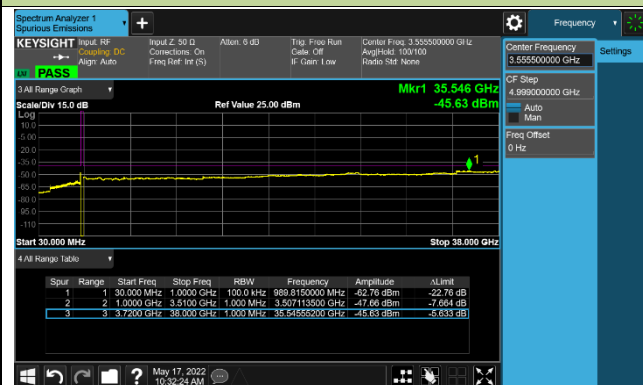


20+5MHz Channel Bandwidth

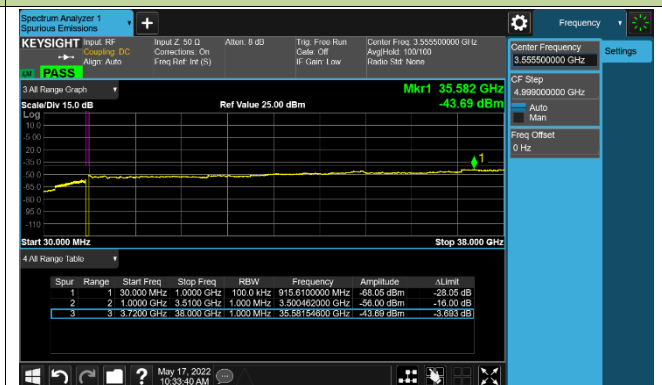


10+20MHz Channel Bandwidth

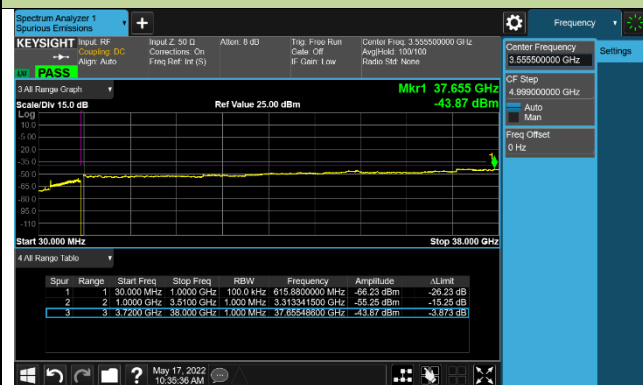
Lowest Channel



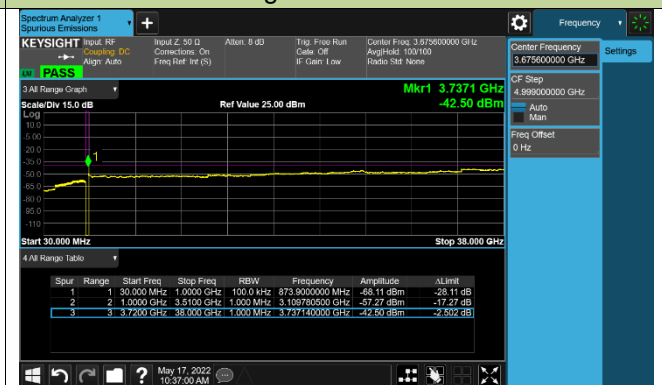
Middle Channel/1RB@0 and 1RB@99



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

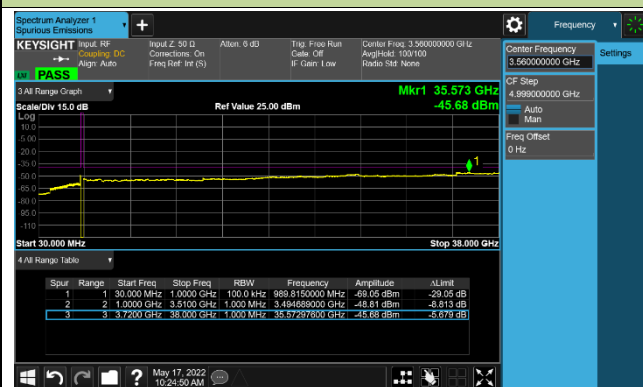


Highest Channel

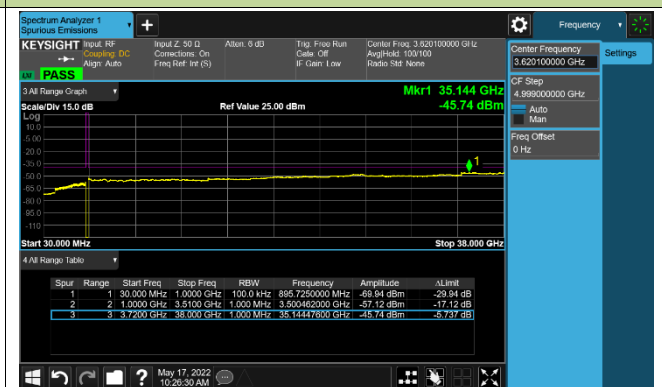


20+10MHz Channel Bandwidth

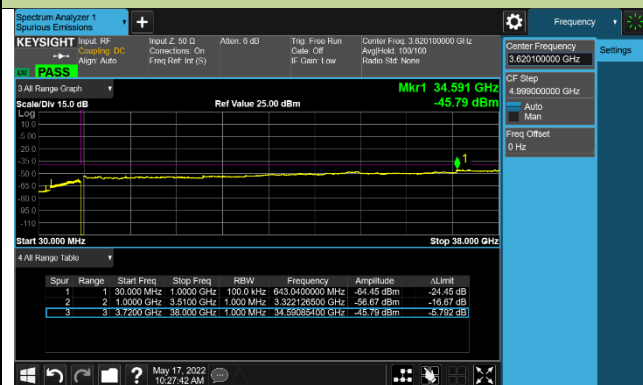
Lowest Channel



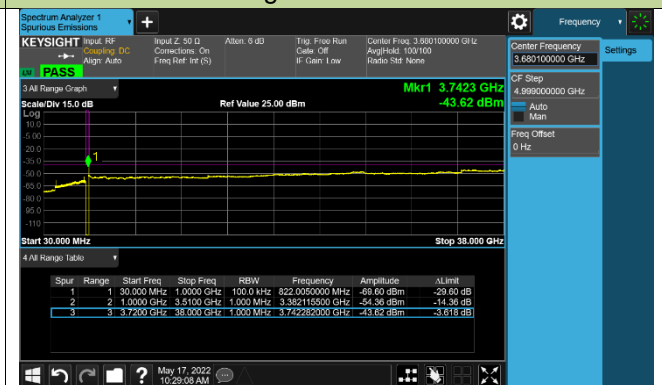
Middle Channel/1RB@0 and 1RB@49



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

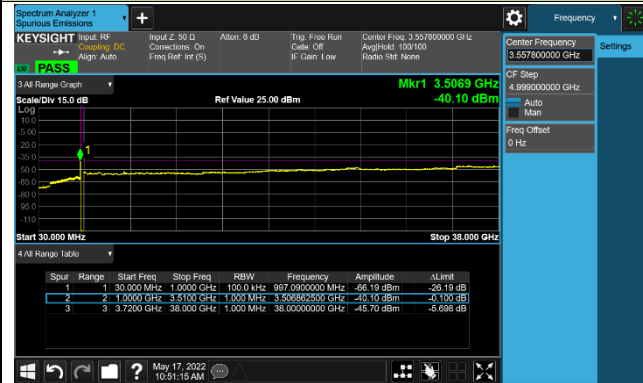


Highest Channel

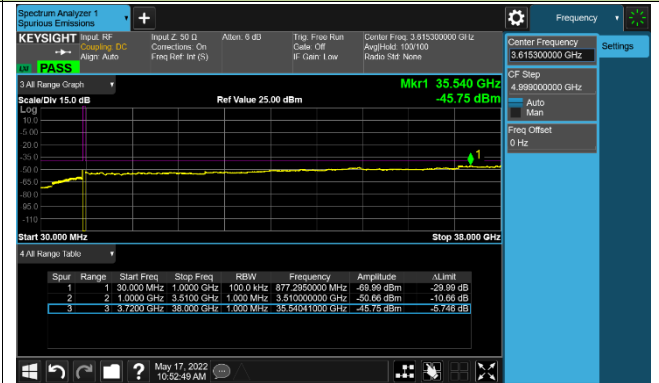


15+20MHz Channel Bandwidth

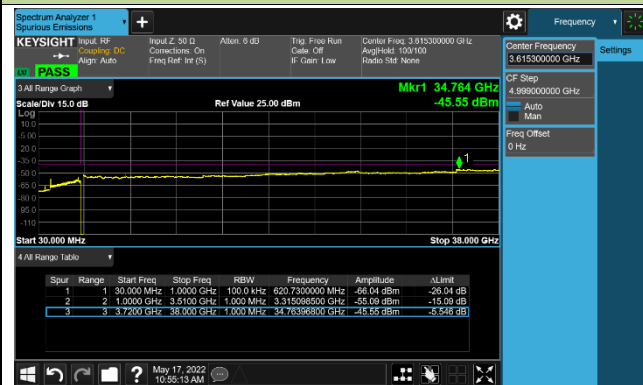
Lowest Channel



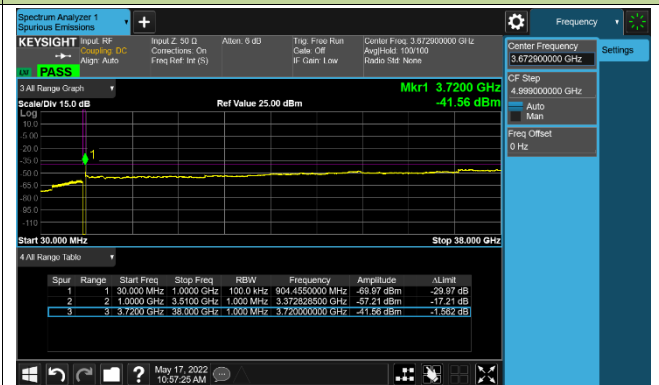
Middle Channel/1RB@0 and 1RB@99



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

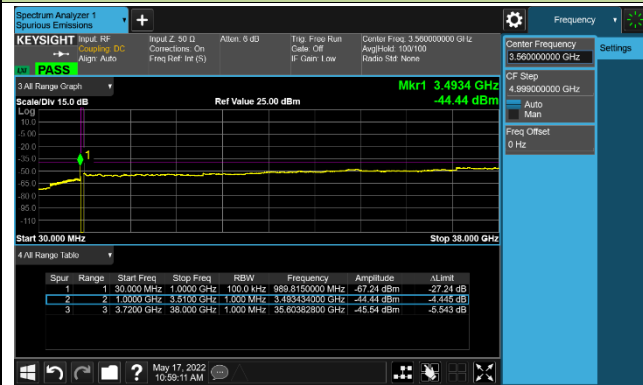


Highest Channel

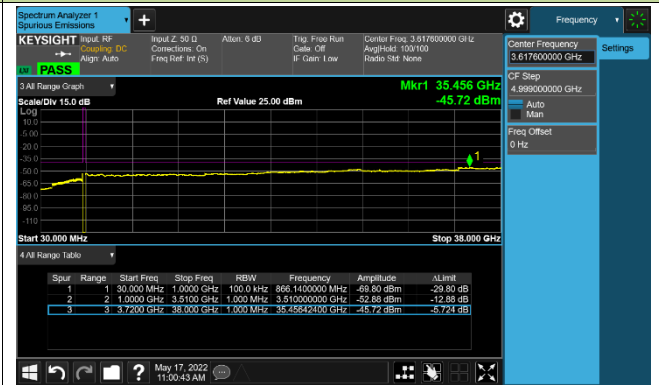


20+15MHz Channel Bandwidth

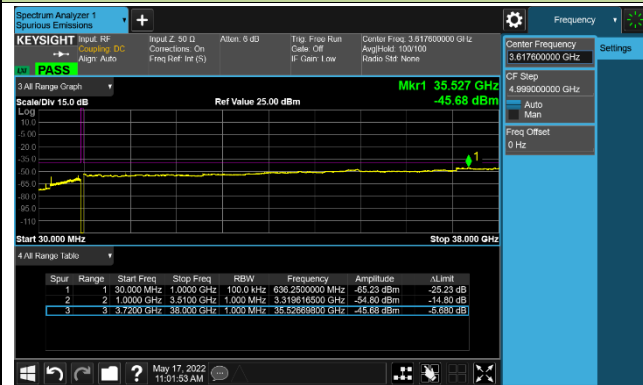
Lowest Channel



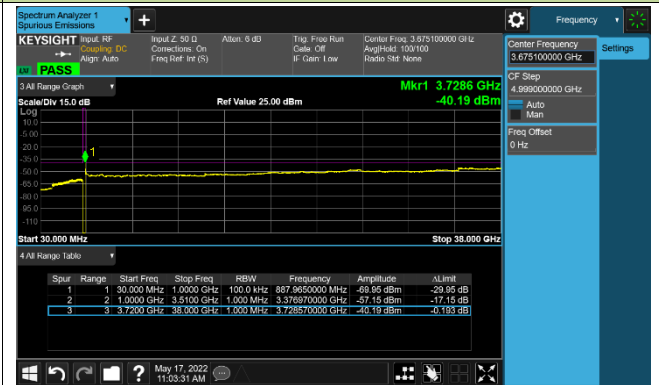
Lowest Channel



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

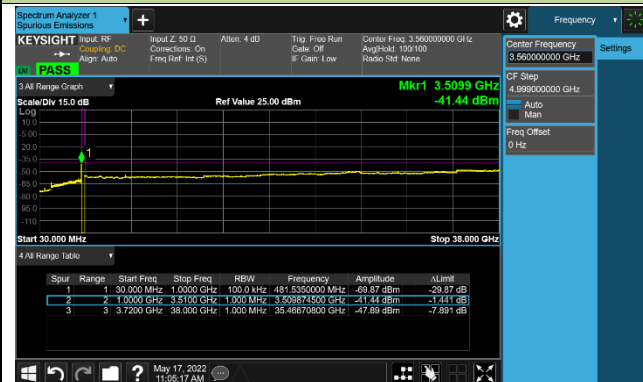


Middle Channel/1RB@99 and 1RB@0

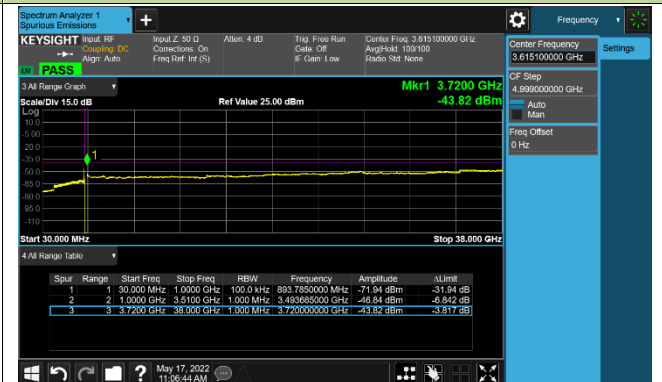


20+20MHz Channel Bandwidth

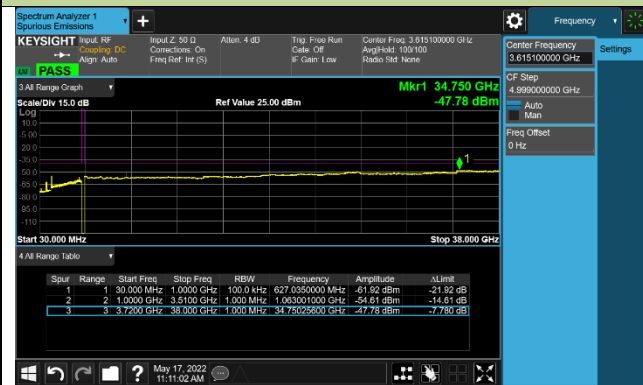
Lowest Channel



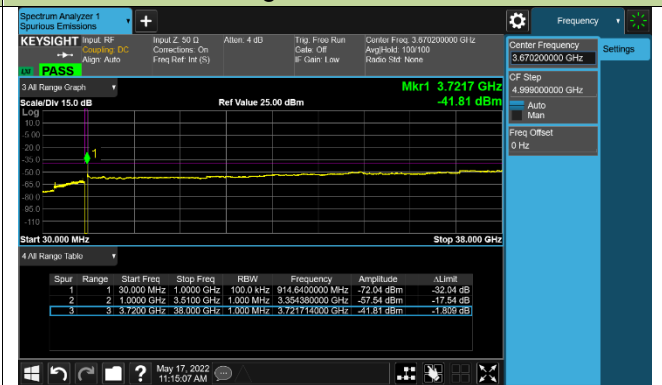
Middle Channel/1RB@0 and 1RB@99



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



Highest Channel



A.6 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 48, 5MHz, 1RB |

| Frequency (MHz) | Reading Level (dB μ V) | Factor (dB) | Measure Level (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Detector | Polarization |
|-----------------------|----------------------------|-------------|------------------------------|----------------------|-------------|----------|--------------|
| Bottom Channel | | | | | | | |
| 58.1 | 3.9 | 17.5 | 21.4 | 55.3 | -33.9 | Peak | Horizontal |
| 282.7 | 3.9 | 18.1 | 22.0 | 55.3 | -33.3 | Peak | Horizontal |
| 54.7 | 11.6 | 17.9 | 29.5 | 55.3 | -25.8 | Peak | Vertical |
| 135.2 | 12.8 | 17.0 | 29.8 | 55.3 | -25.5 | Peak | Vertical |
| 7103.0 | 52.7 | -6.2 | 46.5 | 55.3 | -8.8 | Peak | Horizontal |
| 10647.5 | 49.2 | -4.0 | 45.2 | 55.3 | -10.1 | Peak | Horizontal |
| 7103.0 | 49.9 | -6.2 | 43.7 | 55.3 | -11.6 | Peak | Vertical |
| 10647.5 | 50.2 | -4.0 | 46.2 | 55.3 | -9.1 | Peak | Vertical |
| Middle Channel | | | | | | | |
| 58.1 | 2.8 | 17.5 | 20.3 | 55.3 | -35.0 | Peak | Horizontal |
| 611.0 | 2.4 | 25.8 | 28.2 | 55.3 | -27.1 | Peak | Horizontal |
| 54.3 | 11.4 | 17.9 | 29.3 | 55.3 | -26.0 | Peak | Vertical |
| 135.2 | 11.7 | 17.0 | 28.7 | 55.3 | -26.6 | Peak | Vertical |
| 7247.5 | 51.0 | -6.2 | 44.8 | 55.3 | -10.5 | Peak | Horizontal |
| 10868.5 | 50.3 | -3.6 | 46.7 | 55.3 | -8.6 | Peak | Horizontal |
| 7247.5 | 54.1 | -6.2 | 47.9 | 55.3 | -7.4 | Peak | Vertical |
| 10868.5 | 50.1 | -3.6 | 46.5 | 55.3 | -8.8 | Peak | Vertical |
| Top Channel | | | | | | | |
| 56.7 | 1.8 | 17.7 | 19.5 | 55.3 | -35.8 | Peak | Horizontal |
| 710.5 | 3.0 | 27.0 | 30.0 | 55.3 | -25.3 | Peak | Horizontal |
| 54.7 | 11.8 | 17.9 | 29.7 | 55.3 | -25.6 | Peak | Vertical |
| 135.2 | 13.5 | 17.0 | 30.5 | 55.3 | -24.8 | Peak | Vertical |
| 7392.0 | 54.9 | -6.3 | 48.6 | 55.3 | -6.7 | Peak | Horizontal |
| 10112.0 | 47.3 | -3.7 | 43.6 | 55.3 | -11.7 | Peak | Horizontal |
| 7392.0 | 55.9 | -6.3 | 49.6 | 55.3 | -5.7 | Peak | Vertical |
| 11089.5 | 52.6 | -3.4 | 49.2 | 55.3 | -6.1 | Peak | Vertical |

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

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

| | | | |
|-----------|------------|---------------|--|
| Test Site | SIP-SR1 | Test Engineer | Larry Yan |
| Test Date | 2022/06/24 | Test Band | CBSD transmit at 3580MHz (20MHz BW), 13dBm/MHz |



Marker 1: CBSD sends instructions to discontinue LTE operations.

Marker 2: EUT discontinues operation.

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

| | | | |
|-----------|------------|---------------|---|
| Test Site | SIP-SR1 | Test Engineer | Larry Yan |
| Test Date | 2022/06/24 | Test Band | CBSD transmit at 3620MHz (20MHz BW), 8dBm/MHz |



Marker 1: CBSD sends instructions to discontinue LTE 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 "2204RSU037-UT" file.

Appendix C - EUT Photograph

Refer to "2204RSU037-UE" file.