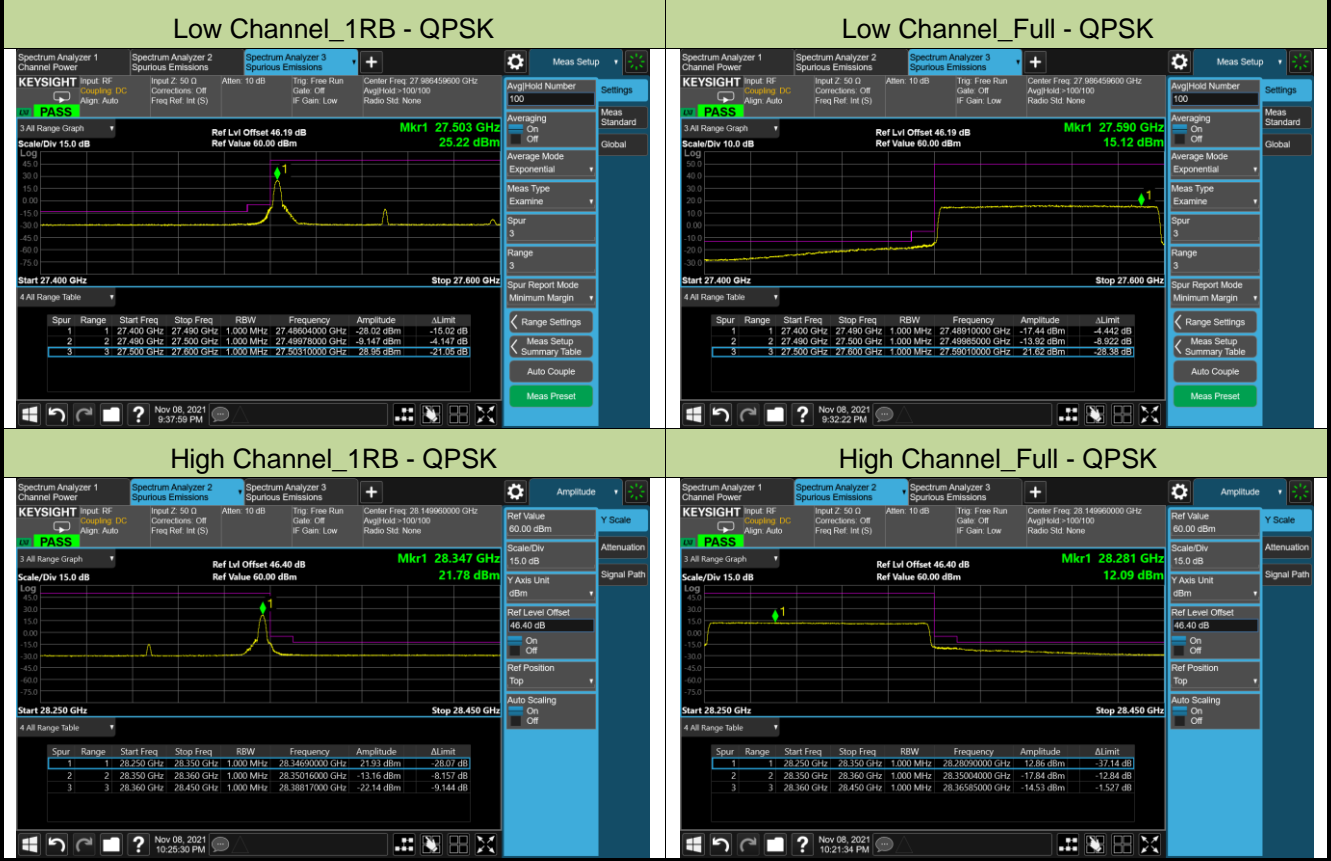


Out-of-Band Emission at the Band Edge (CP-OFDM)



| | | | |
|--------------------|-------------------------------------|-----------|------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/08 |
| Test Configuration | n261_SISO Mode_Beam ID 63_Band Edge | | |

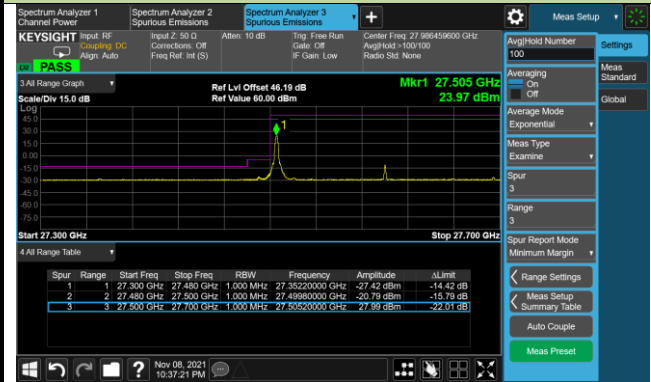
| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | Array Gain (dBi) | Conductive Power (dBm) | Limit (dBm) | Result |
|-------------------|-----------------|----------|------------|-----------|------------|------------------|------------------------|-------------|--------|
| DFT-s-OFDM | | | | | | | | | |
| Low | 0 ~ 10% OB | 200 | BPSK | 1RB Left | -20.79 | 22.00 | -42.79 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | BPSK | Full RB | -20.66 | 22.00 | -42.66 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | 1RB Left | -20.21 | 22.00 | -42.21 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -20.22 | 22.00 | -42.22 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | BPSK | 1RB Right | -22.17 | 22.00 | -44.17 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | BPSK | Full RB | -24.49 | 22.00 | -46.49 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | 1RB Right | -22.92 | 22.00 | -44.92 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -23.57 | 22.00 | -45.57 | ≤ -5.00 | Pass |
| CP-OFDM | | | | | | | | | |
| Low | 0 ~ 10% OB | 200 | QPSK | 1RB Left | -19.60 | 22.00 | -41.60 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -18.70 | 22.00 | -40.70 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | QPSK | 1RB Right | -23.54 | 22.00 | -45.54 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -22.65 | 22.00 | -44.65 | ≤ -5.00 | Pass |

| | | | |
|---------------|-------------------------------------|-----------|------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/08 |
| Test Mode | n261_SISO Mode_Beam ID 63_TRP | | |

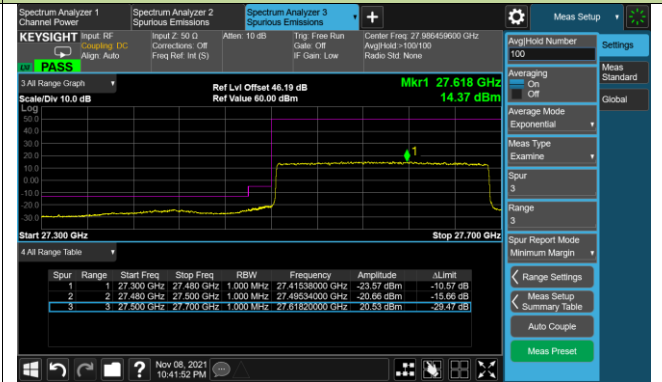
| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | TRP (dBm) | Limit (dBm) | Result |
|-------------------|-----------------|----------|------------|-----------|------------|-----------|-------------|--------|
| DFT-s-OFDM | | | | | | | | |
| Low | > 10% OB | 200 | BPSK | 1RB Left | -27.42 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | BPSK | Full RB | -23.57 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | 1RB Left | -27.87 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -22.02 | -- | ≤ -13.00 | Pass |
| High | > 10% OB | | BPSK | 1RB Right | -23.37 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | BPSK | Full RB | -20.89 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | 1RB Right | -23.00 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -20.67 | -- | ≤ -13.00 | Pass |
| CP-OFDM | | | | | | | | |
| Low | > 10% OB | 200 | QPSK | 1RB Left | -27.82 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -20.45 | -- | ≤ -13.00 | Pass |
| High | > 10% OB | | QPSK | 1RB Right | -22.37 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -18.16 | -- | ≤ -13.00 | Pass |

Out-of-Band Emission at the Band Edge (DFT-s-OFDM)

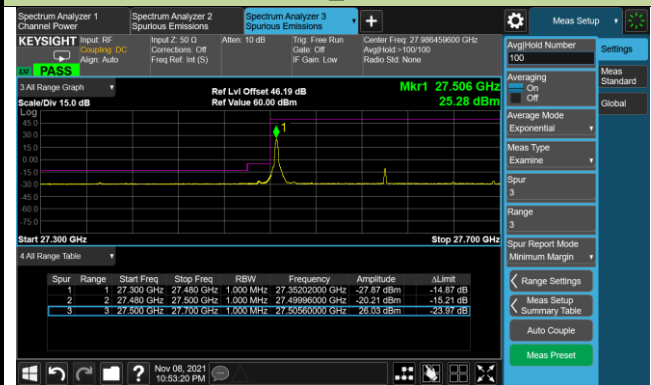
Low Channel_1RB - BPSK



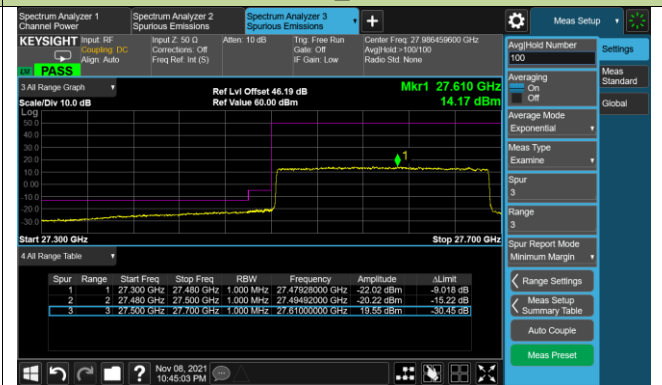
Low Channel_Full - BPSK



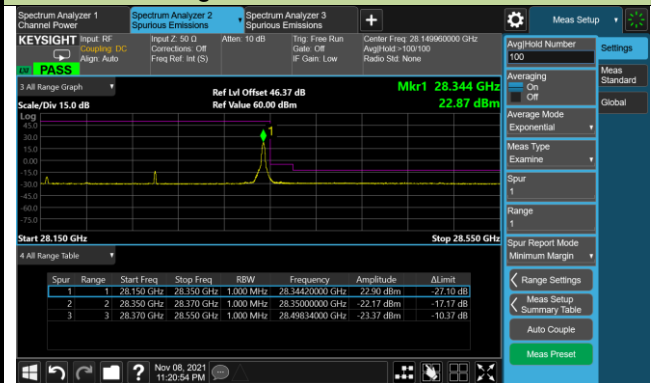
Low Channel_1RB - QPSK



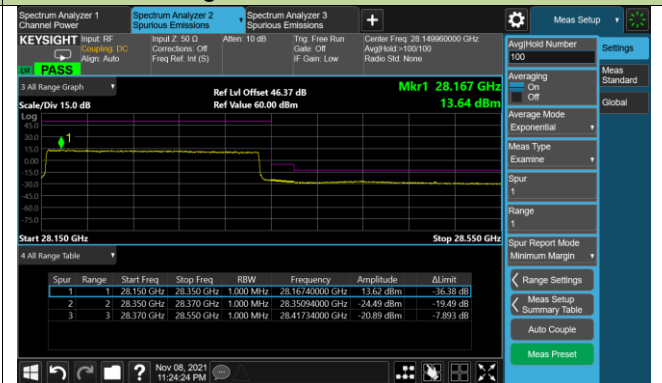
Low Channel_Full - QPSK



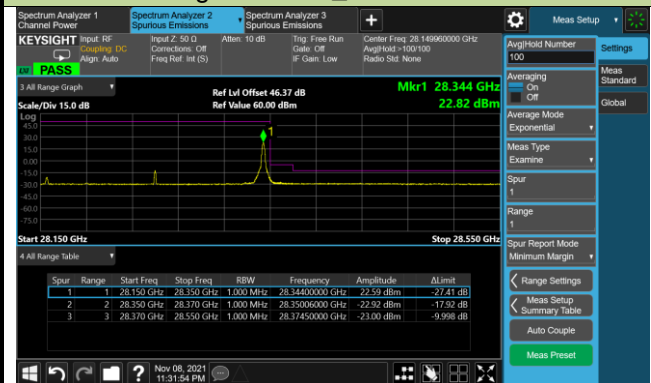
High Channel_1RB - BPSK



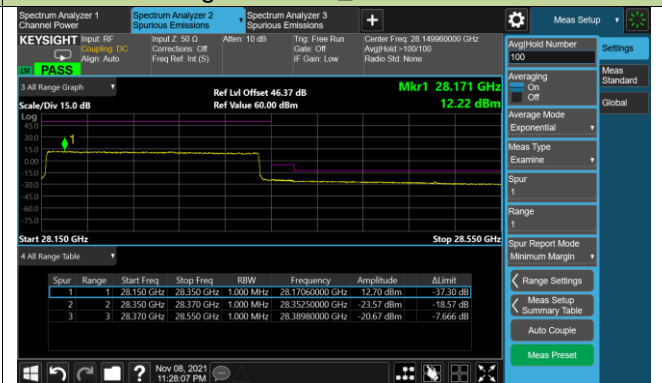
High Channel_Full - BPSK



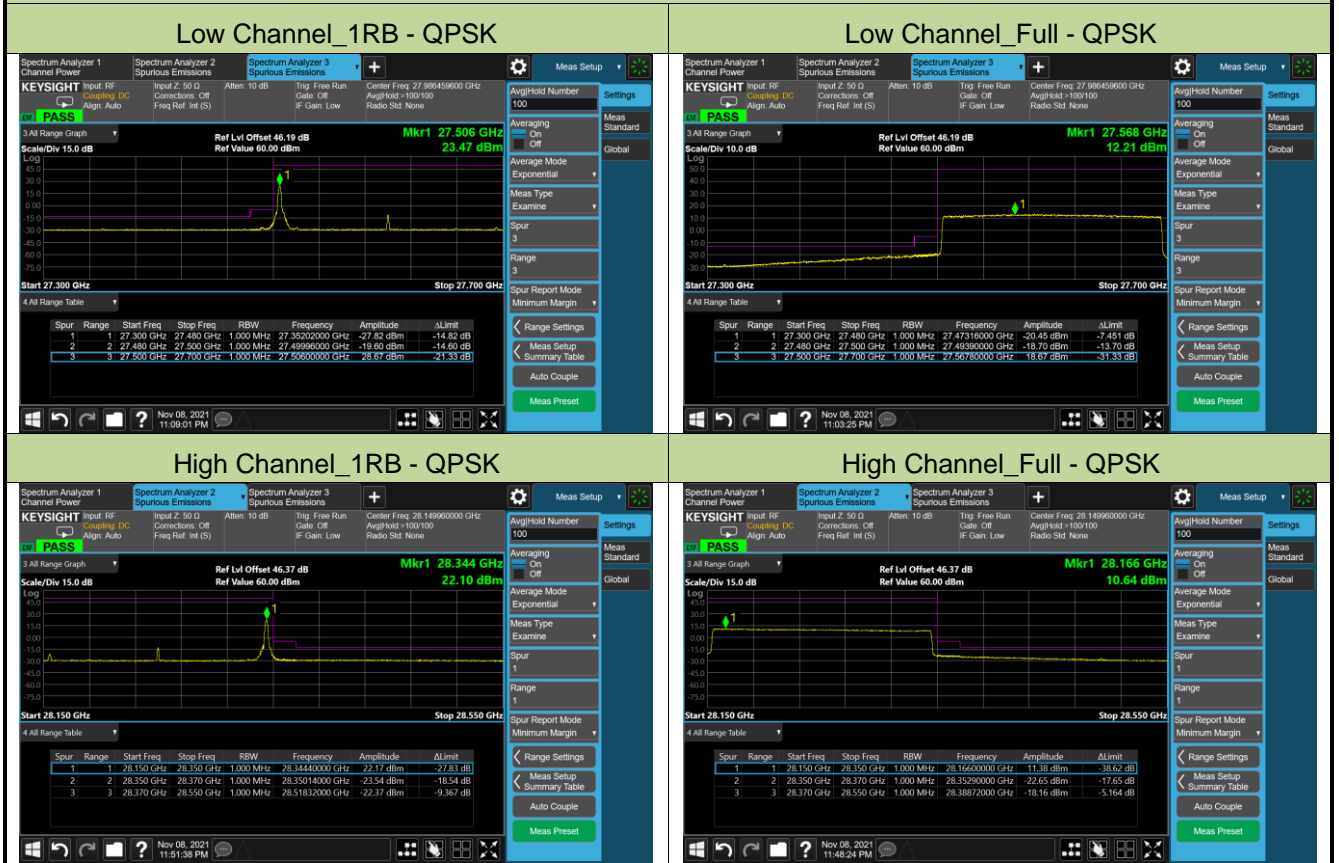
High Channel_1RB - QPSK



High Channel_Full - QPSK



Out-of-Band Emission at the Band Edge (CP-OFDM)



| | | | |
|---------------|-------------------------------------|-----------|------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/09 |
| Test Mode | n261_SISO Mode_Beam ID 63_Band Edge | | |

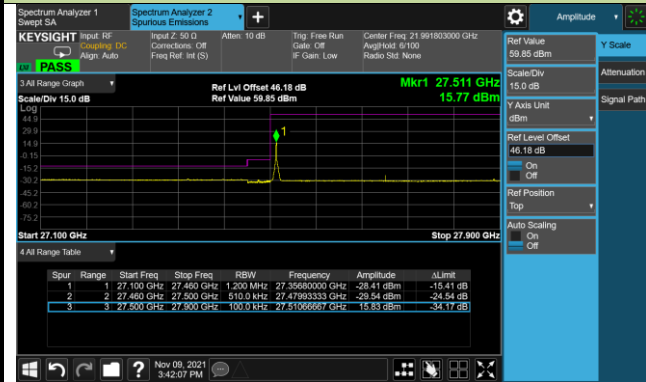
| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | Array Gain (dBi) | Conductive Power (dBm) | Limit (dBm) | Result |
|-------------------|-----------------|----------|------------|-----------|------------|------------------|------------------------|-------------|--------|
| DFT-s-OFDM | | | | | | | | | |
| Low | 0 ~ 10% OB | 400 | BPSK | 1RB Left | -29.54 | 22.00 | -51.54 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | BPSK | Full RB | -31.54 | 22.00 | -53.54 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | 1RB Left | -26.76 | 22.00 | -48.76 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -14.62 | 22.00 | -36.62 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | BPSK | 1RB Right | -29.66 | 22.00 | -51.66 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | BPSK | Full RB | -19.80 | 22.00 | -41.80 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | 1RB Right | -30.26 | 22.00 | -52.26 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -19.83 | 22.00 | -41.83 | ≤ -5.00 | Pass |
| CP-OFDM | | | | | | | | | |
| Low | 0 ~ 10% OB | 400 | QPSK | 1RB Left | -27.87 | 22.00 | -49.87 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -15.04 | 22.00 | -37.04 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | QPSK | 1RB Right | -30.18 | 22.00 | -52.18 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -30.54 | 22.00 | -52.54 | ≤ -5.00 | Pass |

| | | | |
|---------------|-------------------------------------|-----------|-------------------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/09 ~ 2022/12/02 |
| Test Mode | n261_SISO Mode_Beam ID 63_TRP | | |

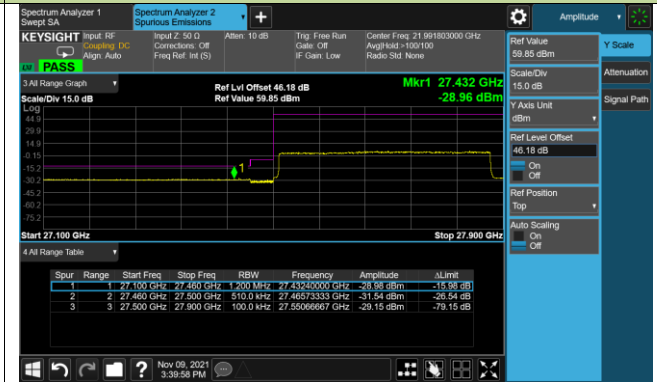
| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | TRP (dBm) | Limit (dBm) | Result |
|------------|-----------------|----------|------------|-----------|------------|-----------|-------------|--------|
| DFT-s-OFDM | | | | | | | | |
| Low | > 10% OB | 400 | BPSK | 1RB Left | -28.41 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | BPSK | Full RB | -28.98 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | 1RB Left | -29.64 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -15.21 | -- | ≤ -13.00 | Pass |
| High | > 10% OB | | BPSK | 1RB Right | -30.04 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | BPSK | Full RB | -19.58 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | 1RB Right | -29.46 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -26.39 | -- | ≤ -13.00 | Pass |
| CP-OFDM | | | | | | | | |
| Low | > 10% OB | 400 | QPSK | 1RB Left | -29.96 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -16.76 | -- | ≤ -13.00 | Pass |
| High | > 10% OB | | QPSK | 1RB Right | -29.78 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -29.58 | -- | ≤ -13.00 | Pass |

Out-of-Band Emission at the Band Edge (DFT-s-OFDM)

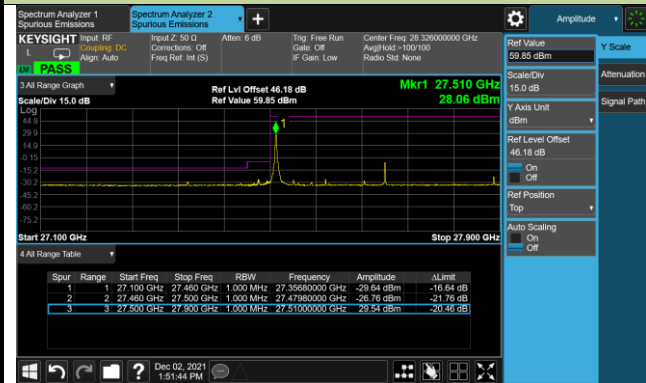
Low Channel_1RB - BPSK



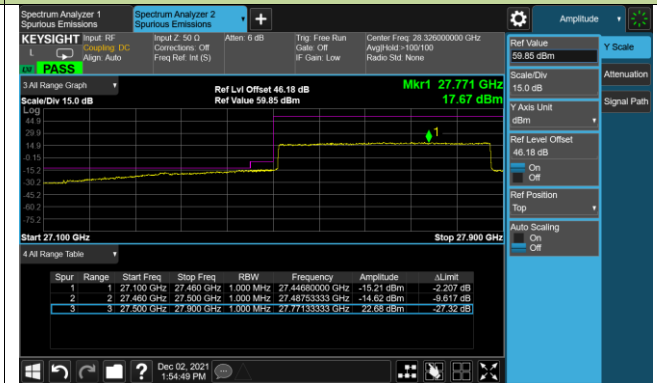
Low Channel_Full - BPSK



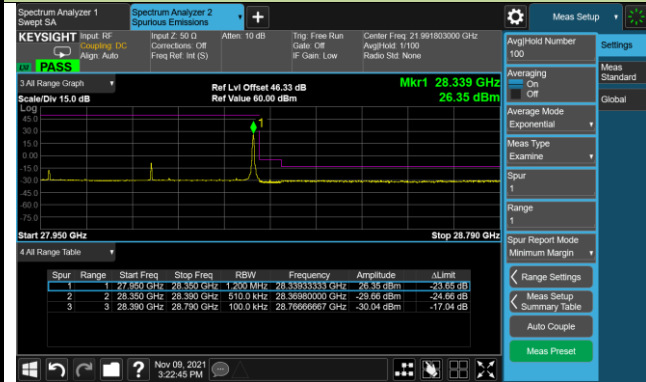
Low Channel_1RB - QPSK



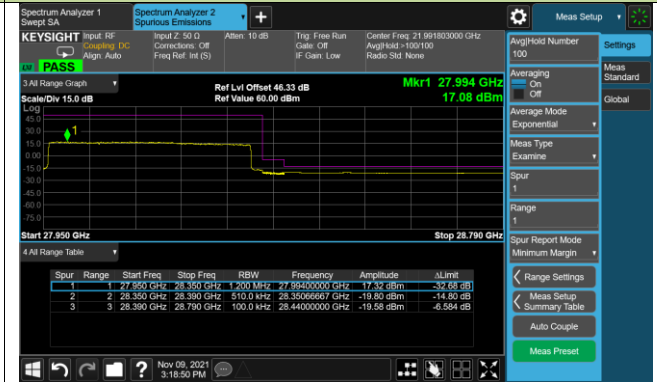
Low Channel_Full - QPSK



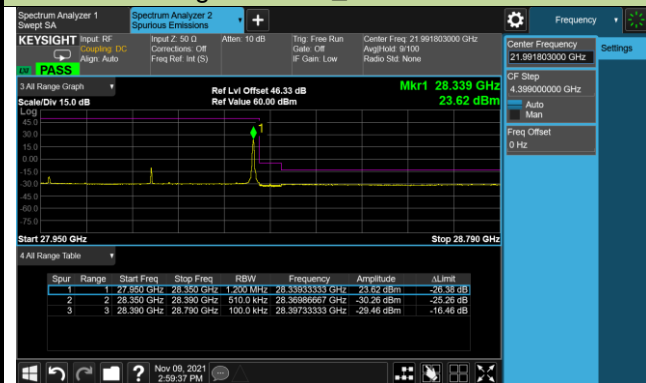
High Channel_1RB - BPSK



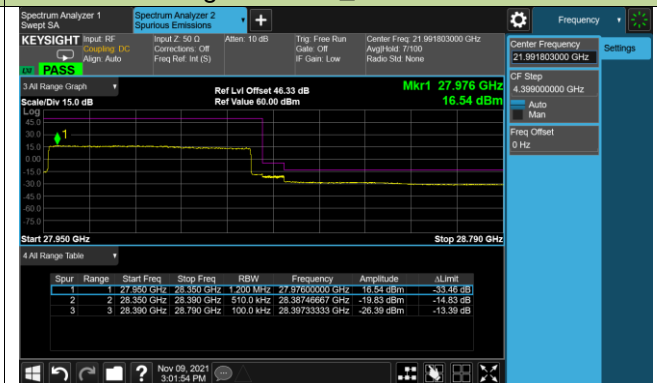
High Channel_Full - BPSK



High Channel_1RB - QPSK

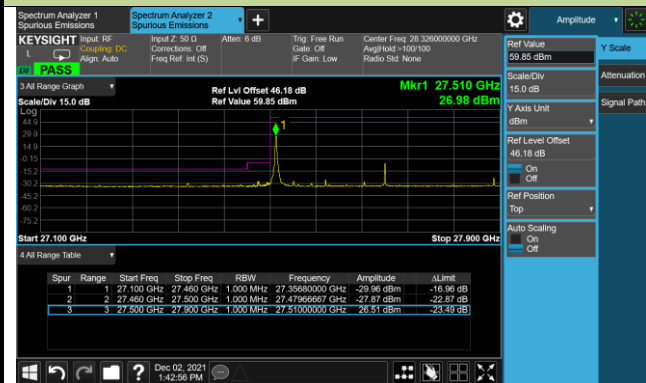


High Channel_Full - QPSK

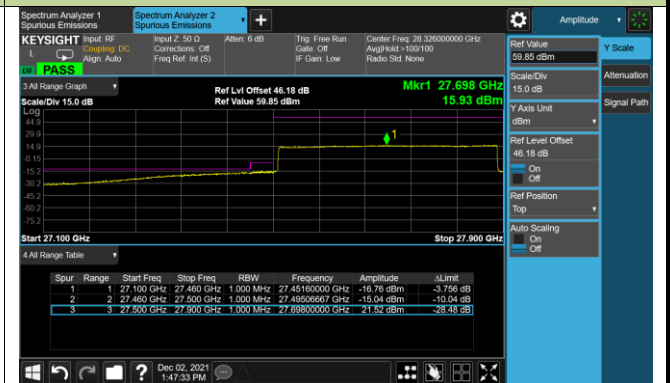


Out-of-Band Emission at the Band Edge (CP-OFDM)

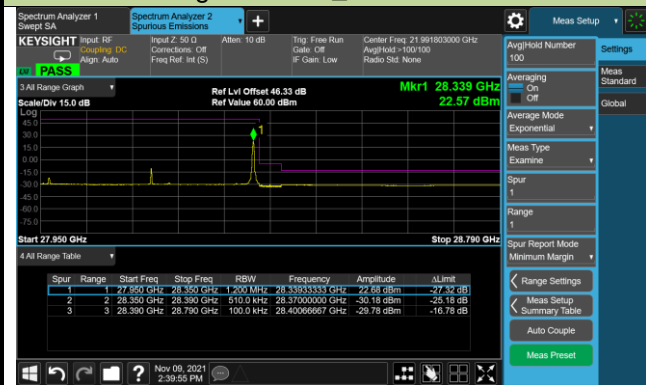
Low Channel_1RB - QPSK



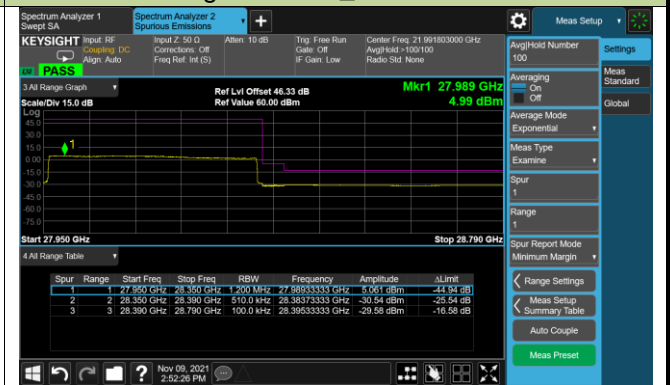
Low Channel_Full - QPSK



High Channel_1RB - QPSK



High Channel_Full - QPSK



| | | | |
|---------------|----------------------------------|-----------|-------------------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/26 ~ 2021/12/02 |
| Test Mode | n261_2CC_Beam ID 63_Band Edge | | |

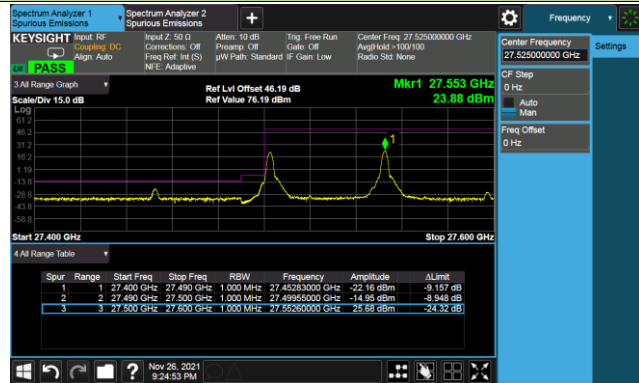
| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | Array Gain (dBi) | Conductive Power (dBm) | Limit (dBm) | Result |
|-------------------|-----------------|----------|------------|-----------|------------|------------------|------------------------|-------------|--------|
| DFT-s-OFDM | | | | | | | | | |
| Low | 0 ~ 10% OB | 50+50 | BPSK | 1RB Left | -14.95 | 22.00 | -36.95 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | BPSK | Full RB | -14.67 | 22.00 | -36.67 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | 1RB Left | -15.53 | 22.00 | -37.53 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -14.66 | 22.00 | -36.66 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | BPSK | 1RB Right | -17.14 | 22.00 | -39.14 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | BPSK | Full RB | -10.81 | 22.00 | -32.81 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | 1RB Right | -9.31 | 22.00 | -31.31 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -11.22 | 22.00 | -33.22 | ≤ -5.00 | Pass |
| CP-OFDM | | | | | | | | | |
| Low | 0 ~ 10% OB | 50+50 | QPSK | 1RB Left | -14.70 | 22.00 | -36.70 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -14.78 | 22.00 | -36.78 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | QPSK | 1RB Right | -10.69 | 22.00 | -32.69 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -11.08 | 22.00 | -33.08 | ≤ -5.00 | Pass |

| | | | |
|---------------|-------------------------------------|-----------|-------------------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/26 ~ 2021/12/02 |
| Test Mode | n261_2CC_Beam ID 63_TRP | | |

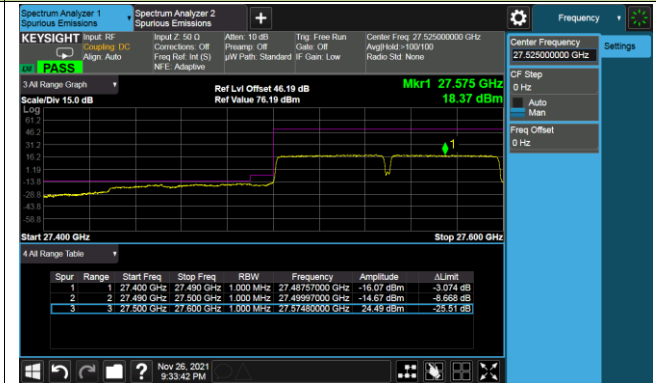
| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | TRP (dBm) | Limit (dBm) | Result |
|------------|-----------------|----------|------------|-----------|------------|-----------|-------------|--------|
| DFT-s-OFDM | | | | | | | | |
| Low | > 10% OB | 50+50 | BPSK | 1RB Left | -22.16 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | BPSK | Full RB | -16.07 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | 1RB Left | -21.64 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -15.77 | -- | ≤ -13.00 | Pass |
| High | > 10% OB | | BPSK | 1RB Right | -19.39 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | BPSK | Full RB | -14.26 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | 1RB Right | -14.27 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -13.09 | -- | ≤ -13.00 | Pass |
| CP-OFDM | | | | | | | | |
| Low | > 10% OB | 50+50 | QPSK | 1RB Left | -13.87 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -15.72 | -- | ≤ -13.00 | Pass |
| High | > 10% OB | | QPSK | 1RB Right | -13.08 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -13.15 | -- | ≤ -13.00 | Pass |

Out-of-Band Emission at the Band Edge (DFT-s-OFDM)

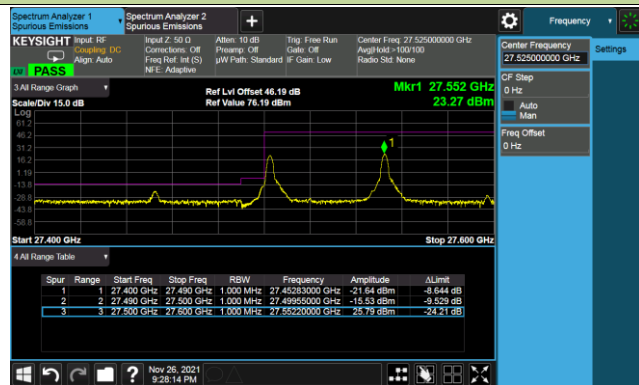
Low Channel_1RB - BPSK



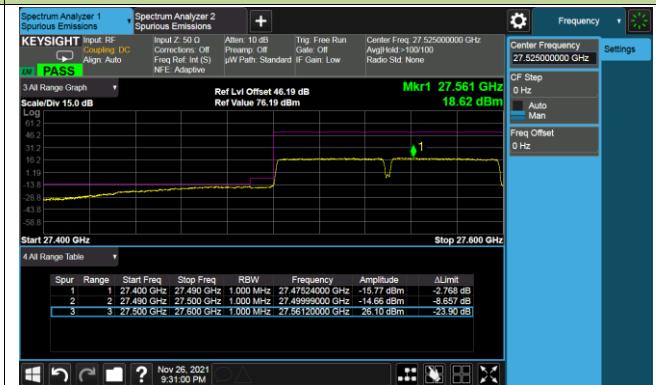
Low Channel_Full - BPSK



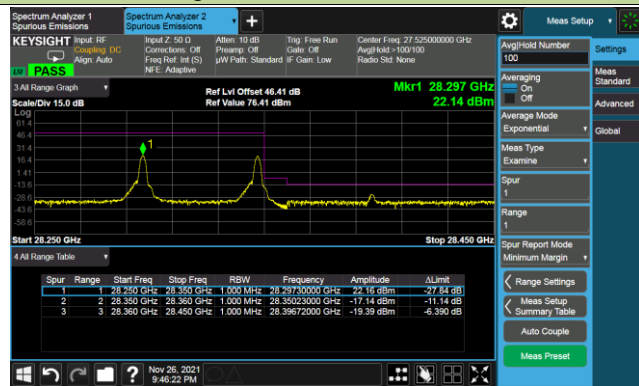
Low Channel_1RB - QPSK



Low Channel_Full - QPSK



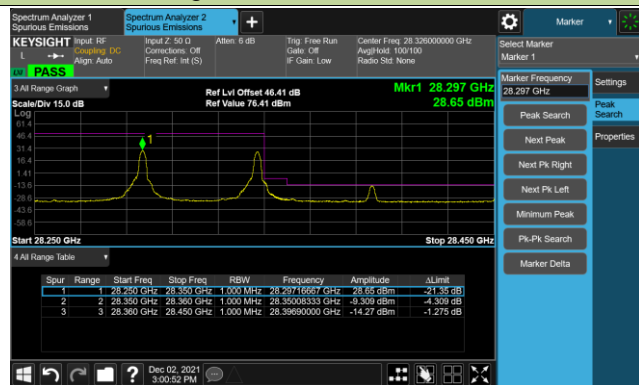
High Channel_1RB - BPSK



High Channel_Full - BPSK



High Channel_1RB - QPSK

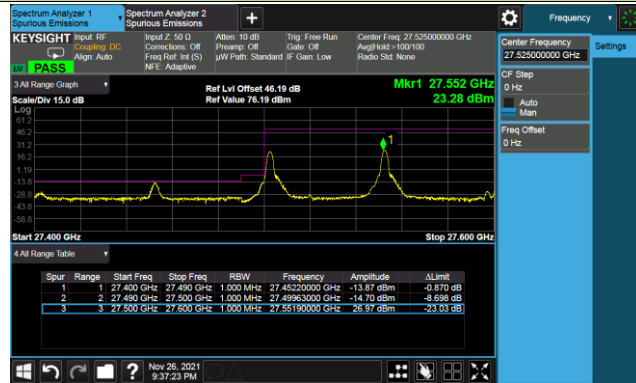


High Channel_Full - QPSK

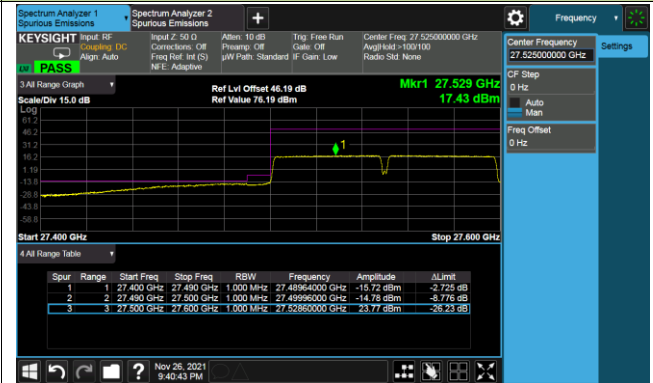


Out-of-Band Emission at the Band Edge (CP-OFDM)

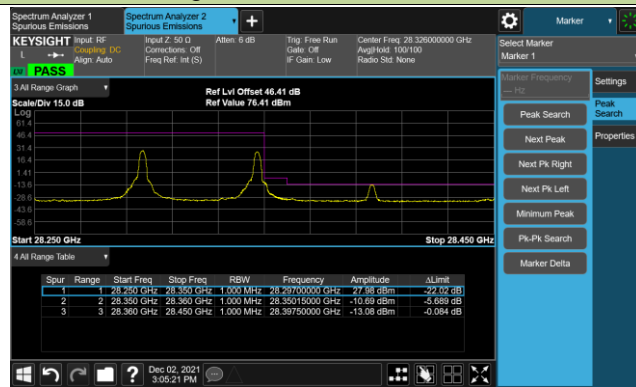
Low Channel_1RB - QPSK



Low Channel_Full - QPSK



High Channel_1RB - QPSK



High Channel_Full - QPSK



| | | | |
|---------------|----------------------------------|-----------|-------------------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/26 ~ 2021/12/02 |
| Test Mode | n261_2CC_Beam ID 63_Band Edge | | |

| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | Array Gain (dBi) | Conductive Power (dBm) | Limit (dBm) | Result |
|-------------------|-----------------|----------|------------|-----------|------------|------------------|------------------------|-------------|--------|
| DFT-s-OFDM | | | | | | | | | |
| Low | 0 ~ 10% OB | 100+100 | BPSK | 1RB Left | -11.51 | 22.00 | -33.51 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | BPSK | Full RB | -15.86 | 22.00 | -37.86 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | 1RB Left | -9.96 | 22.00 | -31.96 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -15.61 | 22.00 | -37.61 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | BPSK | 1RB Right | -15.04 | 22.00 | -37.04 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | BPSK | Full RB | -18.22 | 22.00 | -40.22 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | 1RB Right | -10.41 | 22.00 | -32.41 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -18.46 | 22.00 | -40.46 | ≤ -5.00 | Pass |
| CP-OFDM | | | | | | | | | |
| Low | 0 ~ 10% OB | 100+100 | QPSK | 1RB Left | -9.06 | 22.00 | -31.06 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -15.10 | 22.00 | -37.10 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | QPSK | 1RB Right | -12.20 | 22.00 | -34.20 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -14.46 | 22.00 | -36.46 | ≤ -5.00 | Pass |

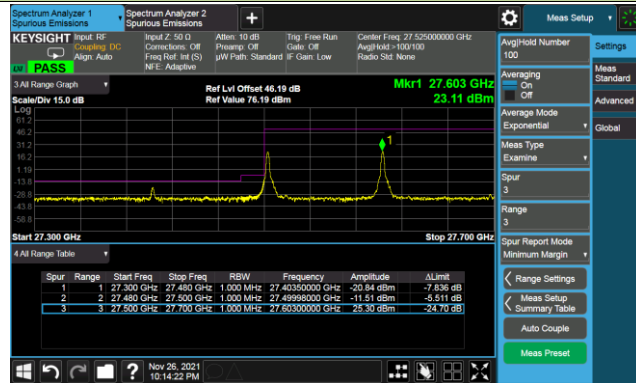
| | | | |
|---------------|-------------------------------------|-----------|-------------------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/26 ~ 2022/01/30 |
| Test Mode | n261_2CC_Beam ID 63_TRP | | |

| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | TRP (dBm) | Limit (dBm) | Result |
|------------|-----------------|----------|------------|-----------|------------|-----------|-------------|--------|
| DFT-s-OFDM | | | | | | | | |
| Low | > 10% OB | 100+100 | BPSK | 1RB Left | -20.84 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | BPSK | Full RB | -17.69 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | 1RB Left | -16.13 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -17.20 | -- | ≤ -13.00 | Pass |
| High | > 10% OB | | BPSK | 1RB Right | -21.46 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | BPSK | Full RB | -13.89 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | 1RB Right | -15.48 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -14.56 | -- | ≤ -13.00 | Pass |
| CP-OFDM | | | | | | | | |
| Low | > 10% OB | 100+100 | QPSK | 1RB Left | -12.60 | -21.98 | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -16.99 | -- | ≤ -13.00 | Pass |
| High | > 10% OB | | QPSK | 1RB Right | -12.54 | -25.12 | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -16.52 | -- | ≤ -13.00 | Pass |

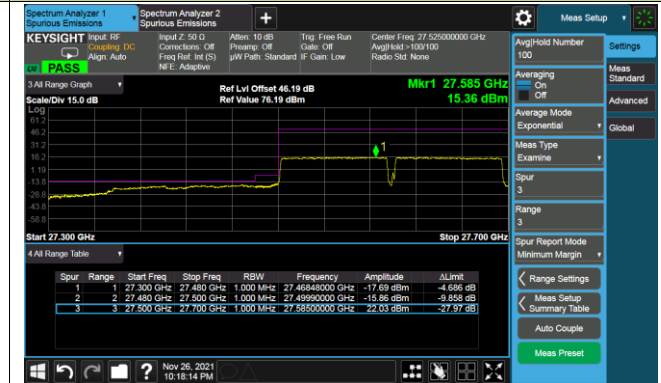
Note: The TRP test results assessed when the EIRP the test exceeds the out-of-band emission limit

Out-of-Band Emission at the Band Edge (DFT-s-OFDM)

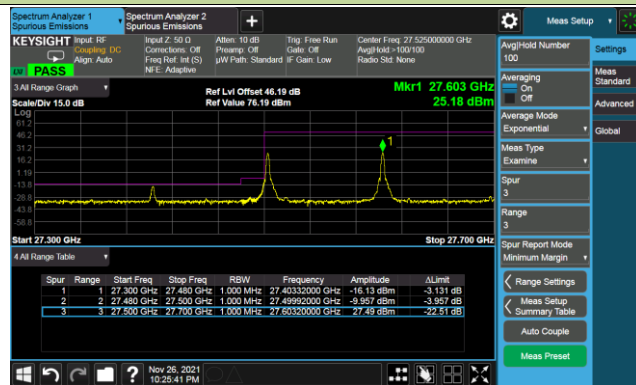
Low Channel_1RB - BPSK



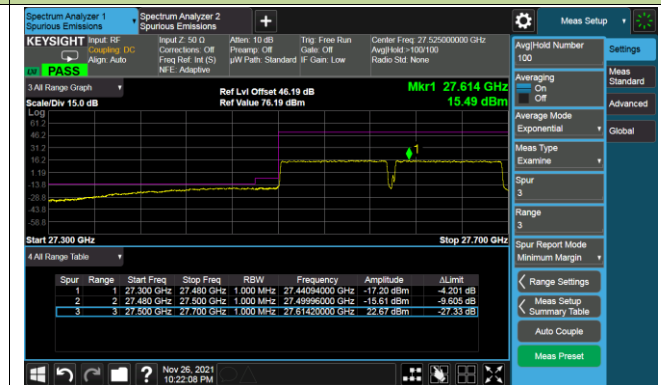
Low Channel_Full - BPSK



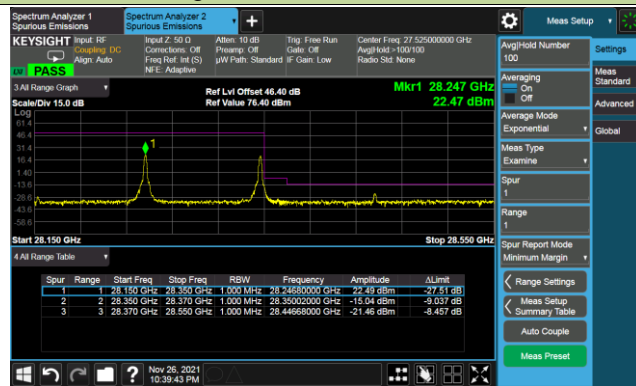
Low Channel_1RB - QPSK



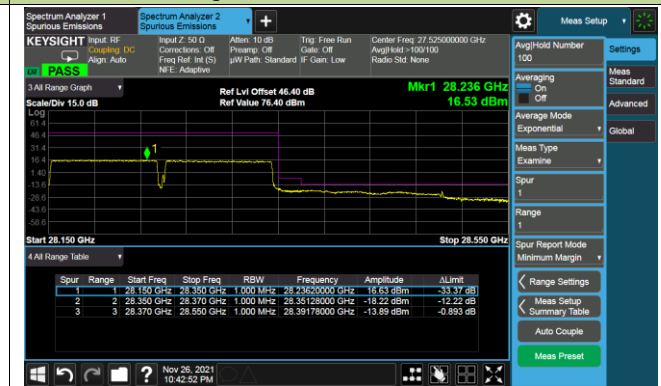
Low Channel_Full - QPSK



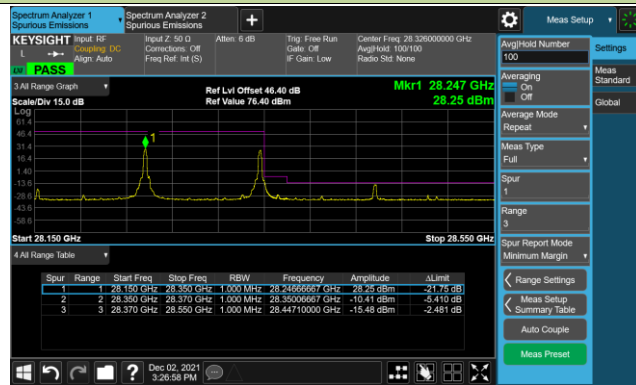
High Channel_1RB - BPSK



High Channel_Full - BPSK



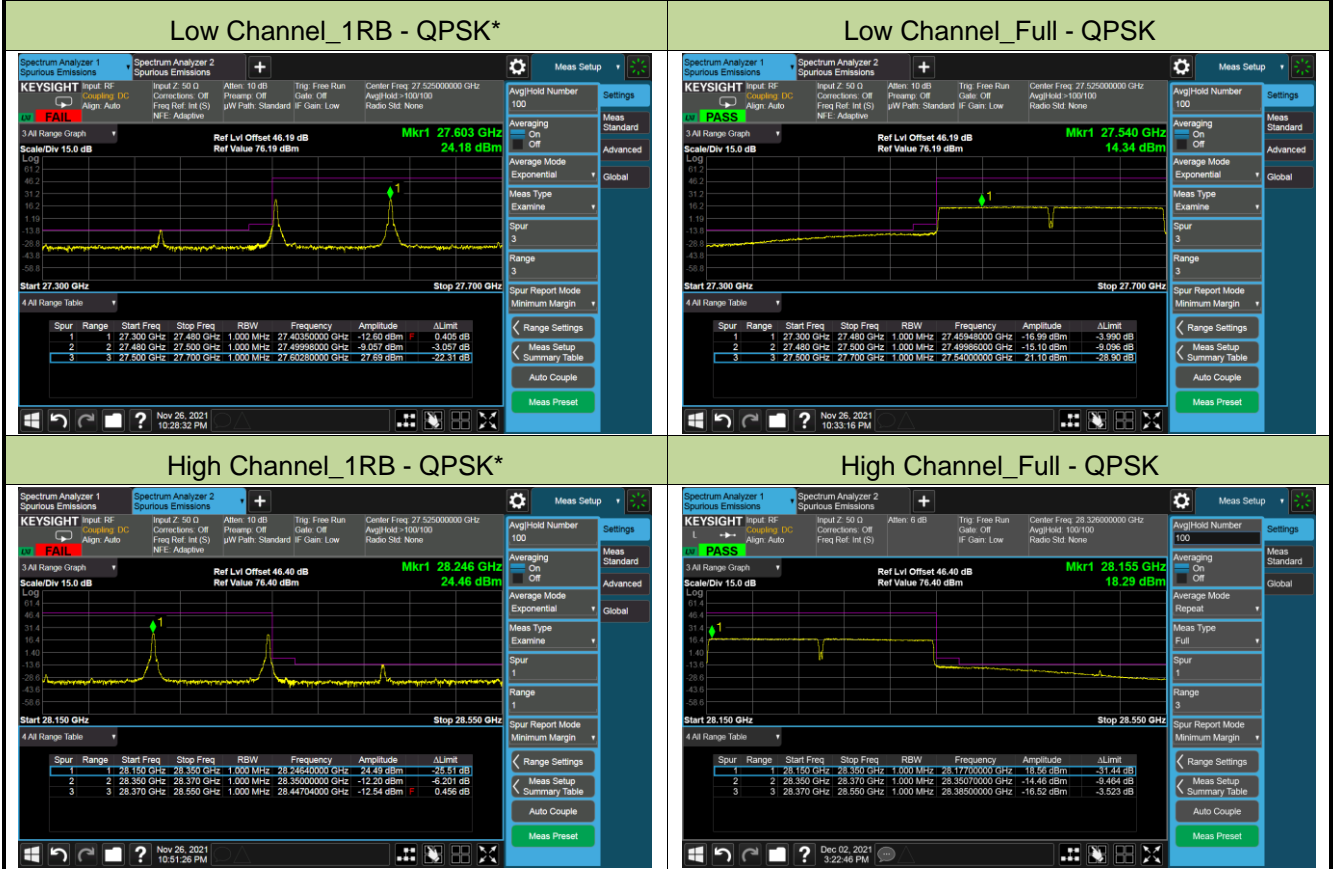
High Channel_1RB - QPSK



High Channel_Full - QPSK



Out-of-Band Emission at the Band Edge (CP-OFDM)



Note: “*” means that the failure frequencies evaluated by conductive power or TRP measurement.

| | | | |
|---------------|---|-----------|-------------------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/26 ~ 2021/12/02 |
| Test Mode | n261_MIMO Mode_Beam ID 63+319_Band Edge | | |

| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | | Total EIRP (dBm) | Array Gain (dBi) | Conductive Power (dBm) | Limit (dBm) | Result |
|---------|-----------------|----------|------------|-----------|------------|--------|------------------|------------------|------------------------|-------------|--------|
| | | | | | H | V | | | | | |
| CP-OFDM | | | | | | | | | | | |
| Low | 0 ~ 10% OB | 50 | QPSK | 1RB Left | -9.92 | -12.24 | -7.92 | 22.00 | -29.92 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -9.14 | -9.56 | -6.33 | 22.00 | -28.33 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | QPSK | 1RB Right | -13.93 | -14.51 | -11.20 | 22.00 | -33.20 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -6.38 | -9.30 | -4.59 | 22.00 | -26.59 | ≤ -5.00 | Pass |

| | | | |
|---------------|-------------------------------------|-----------|-------------------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/26 ~ 2022/01/30 |
| Test Mode | n261_MIMO Mode_Beam ID 63+319_TRP | | |

| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | | Total EIRP (dBm) | TRP (dBm) | Limit (dBm) | Result |
|---------|-----------------|----------|------------|-----------|------------|--------|------------------|-----------|-------------|--------|
| | | | | | H | V | | | | |
| CP-OFDM | | | | | | | | | | |
| Low | > 10% OB | 50 | QPSK | 1RB Left | -24.79 | -26.83 | -22.68 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -9.30 | -9.62 | -6.45 | -17.02 | ≤ -13.00 | Pass |
| High | > 10% OB | | QPSK | 1RB Right | -18.79 | -22.12 | -17.13 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -8.96 | -12.06 | -7.23 | -17.88 | ≤ -13.00 | Pass |

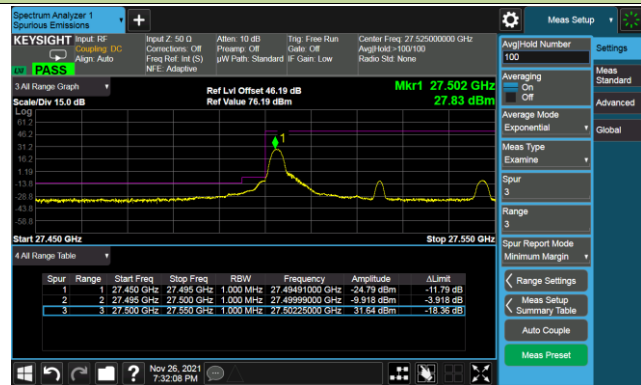
Note: The TRP test results assessed when the EIRP the test exceeds the out-of-band emission limit

| MIMO Test Worst detail test results | | | | | | | | | | |
|-------------------------------------|---------------------|------------------|---------|----------|---------|------------|---------|----------|---------|----------------------------------|
| Frequency (MHz) | Turn Table (degree) | EIRP Test Result | | | | | | | | TRP with Correction Factor (dBm) |
| | | Y-Axis | | | | Z-Axis | | | | |
| | | Horizontal | | Vertical | | Horizontal | | Vertical | | |
| | | dBm | mW | dBm | mW | dBm | mW | dBm | mW | |
| 28355.75 | 0 | -12.26 | 0.05943 | -11.13 | 0.07709 | -9.549 | 0.11094 | -9.519 | 0.11171 | -17.02 |
| | 10 | -17.03 | 0.01982 | -13.66 | 0.04305 | -14.61 | 0.03459 | -16.33 | 0.02328 | |
| | 20 | -21.75 | 0.00668 | -16.16 | 0.02421 | -20.63 | 0.00865 | -24.57 | 0.00349 | |
| | 30 | -26.5 | 0.00224 | -18.68 | 0.01355 | -26.68 | 0.00215 | -32.9 | 0.00051 | |
| | 40 | -28.62 | 0.00137 | -18.7 | 0.01349 | -25.53 | 0.00280 | -32.05 | 0.00062 | |
| | 50 | -30.73 | 0.00085 | -18.74 | 0.01337 | -24.38 | 0.00365 | -31.21 | 0.00076 | |
| | 60 | -32.85 | 0.00052 | -18.68 | 0.01355 | -23.23 | 0.00475 | -30.37 | 0.00092 | |
| | 70 | -35.11 | 0.00031 | -25.85 | 0.00260 | -27.32 | 0.00185 | -33.18 | 0.00048 | |
| | 80 | -37.34 | 0.00018 | -33.02 | 0.00050 | -31.41 | 0.00072 | -36.01 | 0.00025 | |
| | 90 | -39.58 | 0.00011 | -40.19 | 0.00010 | -35.5 | 0.00028 | -38.82 | 0.00013 | |
| | 100 | -39.74 | 0.00011 | -40.2 | 0.00010 | -36.4 | 0.00023 | -38.98 | 0.00013 | |
| | 110 | -40.16 | 0.00010 | -40.21 | 0.00010 | -37.29 | 0.00019 | -39.17 | 0.00012 | |
| | 120 | -40.38 | 0.00009 | -40.19 | 0.00010 | -38.18 | 0.00015 | -39.35 | 0.00012 | |
| | 130 | -40.56 | 0.00009 | -40.42 | 0.00009 | -38.25 | 0.00015 | -38.99 | 0.00013 | |
| | 140 | -40.74 | 0.00008 | -40.79 | 0.00008 | -38.31 | 0.00015 | -38.63 | 0.00014 | |
| | 150 | -40.96 | 0.00008 | -41.04 | 0.00008 | -38.37 | 0.00015 | -38.27 | 0.00015 | |
| | 160 | -40.68 | 0.00009 | -40.74 | 0.00008 | -38.42 | 0.00014 | -38.29 | 0.00015 | |
| | 170 | -40.34 | 0.00009 | -40.42 | 0.00009 | -38.48 | 0.00014 | -38.31 | 0.00015 | |
| | 180 | -40.06 | 0.00010 | -40.1 | 0.00010 | -38.53 | 0.00014 | -38.33 | 0.00015 | |
| | 190 | -40.17 | 0.00010 | -40.19 | 0.00010 | -38.56 | 0.00014 | -38.48 | 0.00014 | |
| | 200 | -40.29 | 0.00009 | -40.12 | 0.00010 | -38.58 | 0.00014 | -38.67 | 0.00014 | |
| | 210 | -40.38 | 0.00009 | -40.11 | 0.00010 | -38.61 | 0.00014 | -38.84 | 0.00013 | |
| | 220 | -40.53 | 0.00009 | -40.54 | 0.00009 | -38.68 | 0.00014 | -38.75 | 0.00013 | |
| | 230 | -40.62 | 0.00009 | -40.87 | 0.00008 | -38.71 | 0.00013 | -38.64 | 0.00014 | |
| | 240 | -40.74 | 0.00008 | -41.21 | 0.00008 | -38.76 | 0.00013 | -38.53 | 0.00014 | |
| | 250 | -40.62 | 0.00009 | -40.94 | 0.00008 | -39.17 | 0.00012 | -38.74 | 0.00013 | |
| | 260 | -40.51 | 0.00009 | -40.61 | 0.00009 | -39.58 | 0.00011 | -38.94 | 0.00013 | |
| | 270 | -40.44 | 0.00009 | -40.29 | 0.00009 | -39.99 | 0.00010 | -39.14 | 0.00012 | |
| | 280 | -36.87 | 0.00021 | -36.54 | 0.00022 | -36.22 | 0.00024 | -38.48 | 0.00014 | |
| | 290 | -33.28 | 0.00047 | -32.81 | 0.00052 | -32.45 | 0.00057 | -37.82 | 0.00017 | |
| | 300 | -29.7 | 0.00107 | -29.06 | 0.00124 | -28.68 | 0.00136 | -37.17 | 0.00019 | |
| | 310 | -27.02 | 0.00199 | -25.17 | 0.00304 | -27.6 | 0.00174 | -33.61 | 0.00044 | |
| | 320 | -24.35 | 0.00367 | -21.17 | 0.00764 | -26.53 | 0.00222 | -30.03 | 0.00099 | |

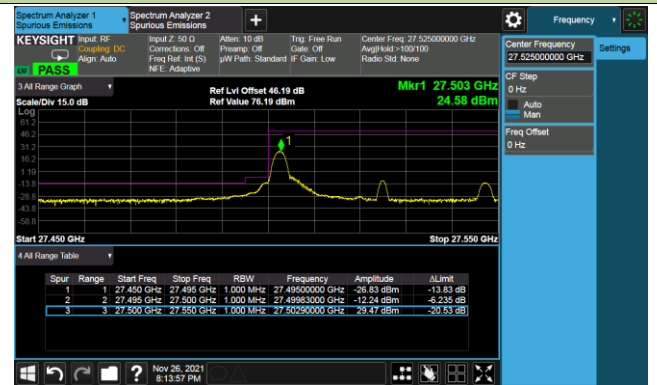
| | | | | | | | | | | |
|--|-----|--------|---------|--------|---------|--------|---------|--------|---------|--|
| | 330 | -21.67 | 0.00681 | -17.23 | 0.01892 | -25.45 | 0.00285 | -26.45 | 0.00226 | |
| | 340 | -18.42 | 0.01439 | -14.88 | 0.03251 | -19.96 | 0.01009 | -20.14 | 0.00968 | |
| | 350 | -15.15 | 0.03055 | -12.54 | 0.05572 | -14.48 | 0.03565 | -13.79 | 0.04178 | |

Out-of-Band Emission at the Band Edge (CP-OFDM)

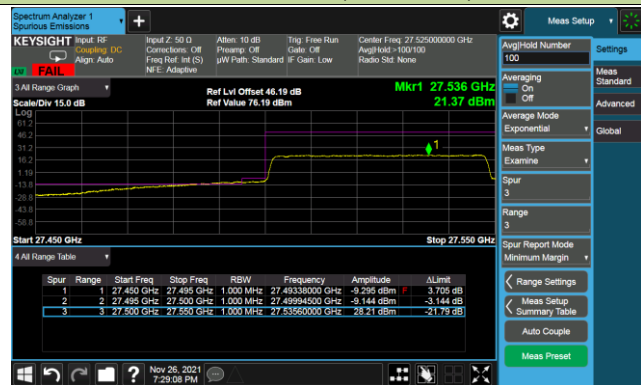
Low Channel_1RB (Horizontal) - QPSK



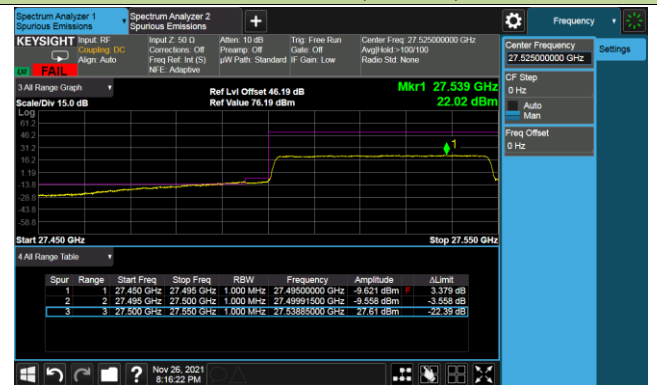
Low Channel_1RB (Vertical) - QPSK



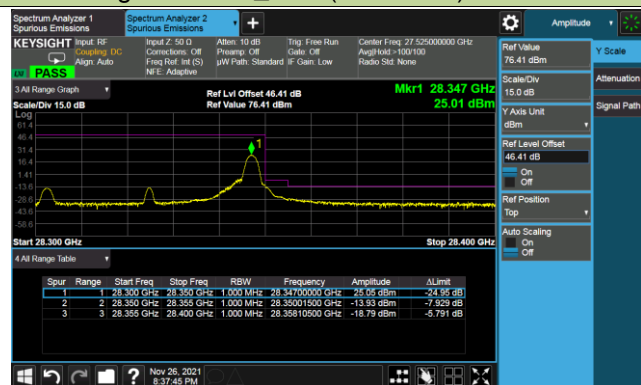
Low Channel_Full RB (Horizontal) - QPSK*



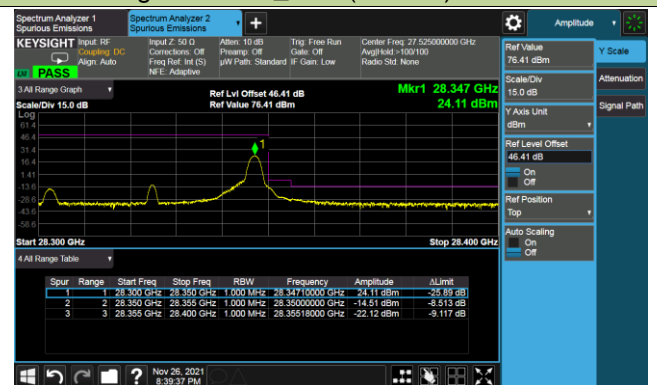
Low Channel_Full RB (Vertical) - QPSK*



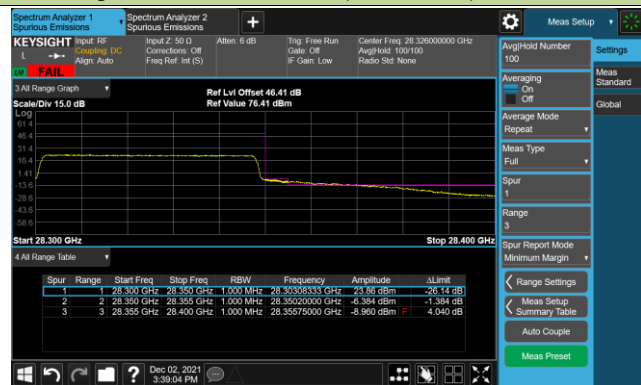
High Channel_1RB (Horizontal) - QPSK



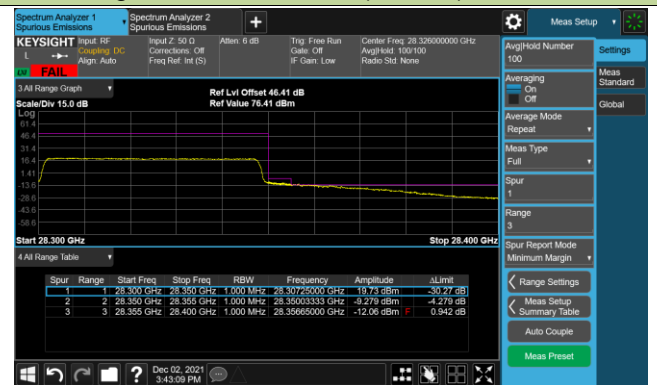
High Channel_1RB (Vertical) - QPSK



High Channel_Full RB (Horizontal) - QPSK*



High Channel_Full RB (Vertical) - QPSK*



Note: “*” means that the failure frequencies were evaluated by conductive power or TRP measurement.

| | | | |
|---------------|---|-----------|------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/26 |
| Test Mode | n261_MIMO Mode_Beam ID 63+319_Band Edge | | |

| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | | Total EIRP (dBm) | Array Gain (dBi) | Conductive Power (dBm) | Limit (dBm) | Result |
|---------|-----------------|----------|------------|-----------|------------|--------|------------------|------------------|------------------------|-------------|--------|
| | | | | | H | V | | | | | |
| CP-OFDM | | | | | | | | | | | |
| Low | 0 ~ 10% OB | 100 | QPSK | 1RB Left | -12.00 | -12.88 | -9.41 | 22.00 | -31.41 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -11.37 | -12.53 | -8.90 | 22.00 | -30.90 | ≤ -5.00 | Pass |
| High | 0 ~ 10% OB | | QPSK | 1RB Right | -14.70 | -15.84 | -12.22 | 22.00 | -34.22 | ≤ -5.00 | Pass |
| | 0 ~ 10% OB | | QPSK | Full RB | -12.63 | -13.66 | -10.10 | 22.00 | -32.10 | ≤ -5.00 | Pass |

| | | | |
|---------------|-------------------------------------|-----------|-------------------------|
| Product | 5G High Power mmWave Outdoor CPE | Test Site | SIP-AC2 |
| Test Engineer | Allen Zou | Test Date | 2021/11/26 ~ 2022/01/30 |
| Test Mode | n261_MIMO Mode_Beam ID 63+319_TRP | | |

| CH | Frequency Range | BW (MHz) | Modulation | RB | EIRP (dBm) | | Total EIRP (dBm) | TRP (dBm) | Limit (dBm) | Result |
|---------|-----------------|----------|------------|-----------|------------|--------|------------------|-----------|-------------|--------|
| | | | | | H | V | | | | |
| CP-OFDM | | | | | | | | | | |
| Low | > 10% OB | 100 | QPSK | 1RB Left | -29.62 | -29.88 | -26.74 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -12.17 | -13.46 | -9.76 | -20.59 | ≤ -13.00 | Pass |
| High | > 10% OB | | QPSK | 1RB Right | -23.16 | -22.64 | -19.88 | -- | ≤ -13.00 | Pass |
| | > 10% OB | | QPSK | Full RB | -8.27 | -10.48 | -6.23 | -18.61 | ≤ -13.00 | Pass |

Note: The TRP test results assessed when the EIRP the test exceeds the out-of-band emission limit