

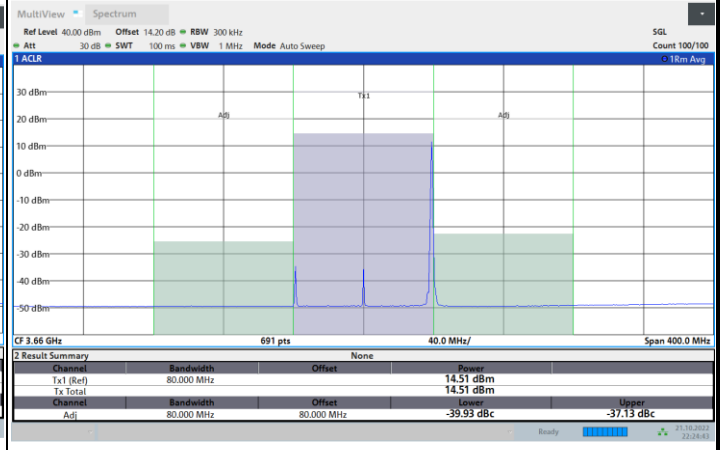
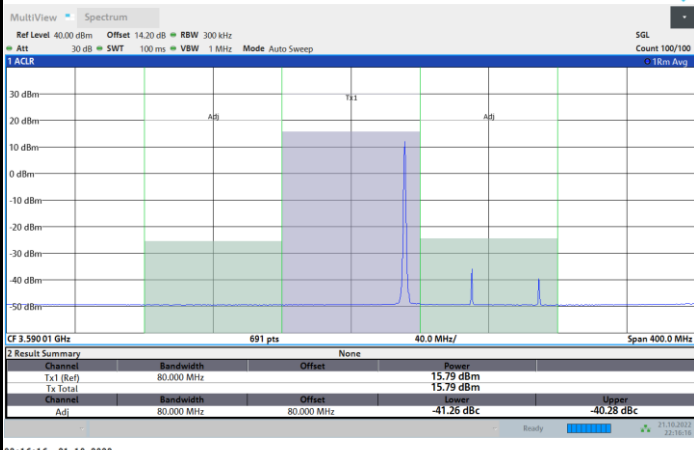


FR1 N77 / 80MHz / CP OFDM / 64QAM

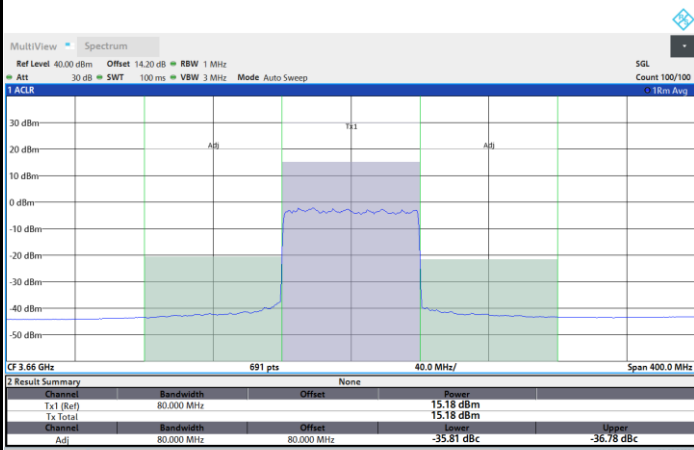
Highest Channel

1RB0

1RBmax



Full RB



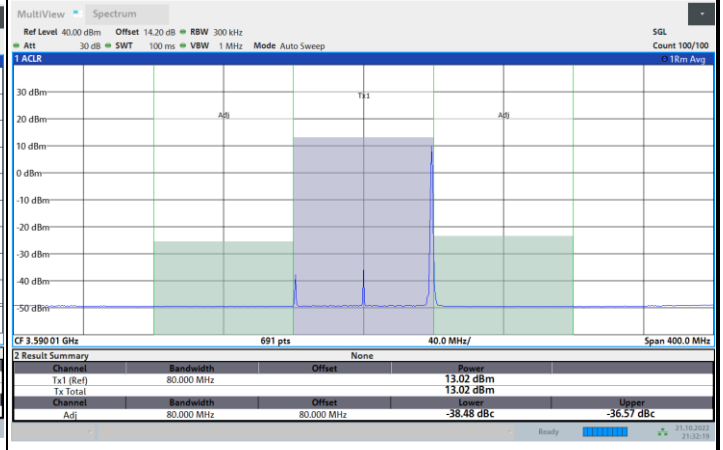
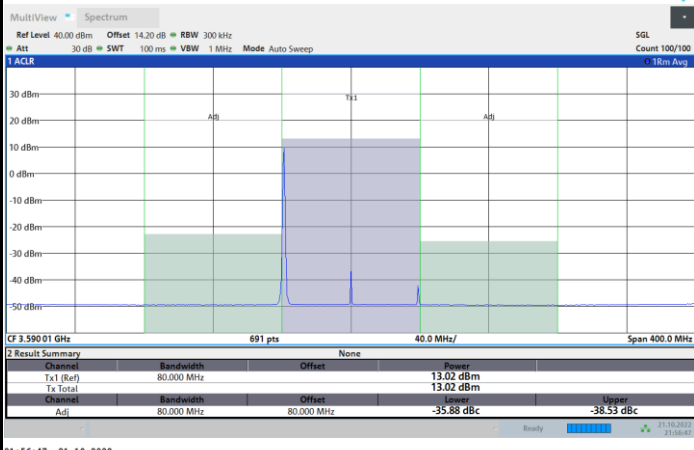


FR1 N77 / 80MHz / CP OFDM / 256QAM

Lowest Channel

1RB0

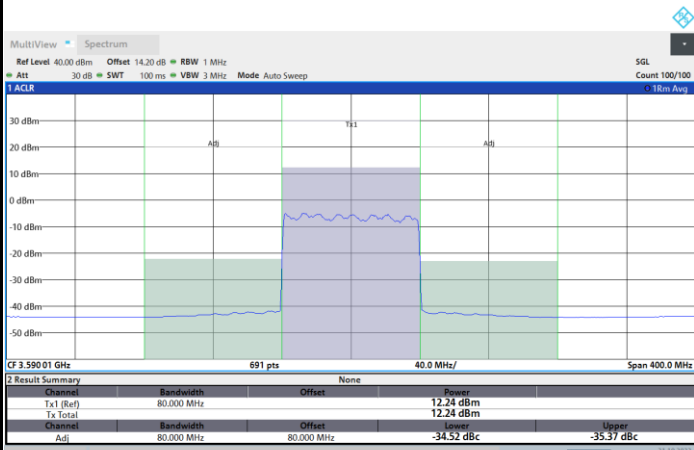
1RBmax



21:56:47 21.10.2022

21:32:20 21.10.2022

Full RB



21:58:20 21.10.2022

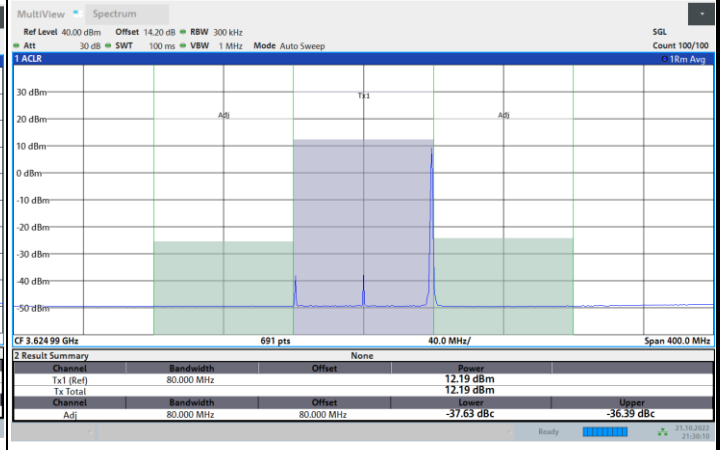
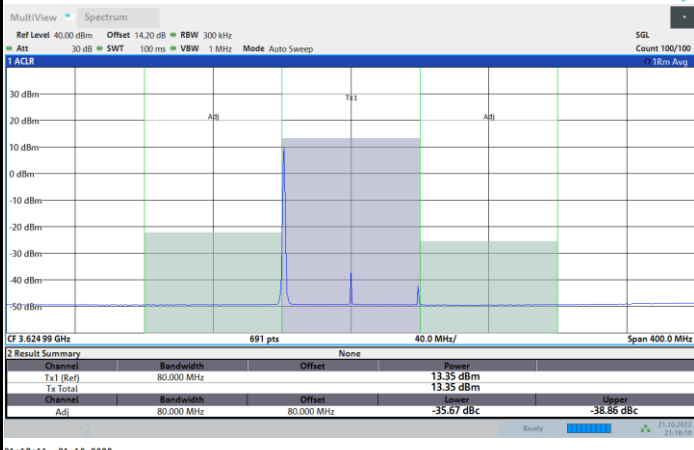


FR1 N77 / 80MHz / CP OFDM / 256QAM

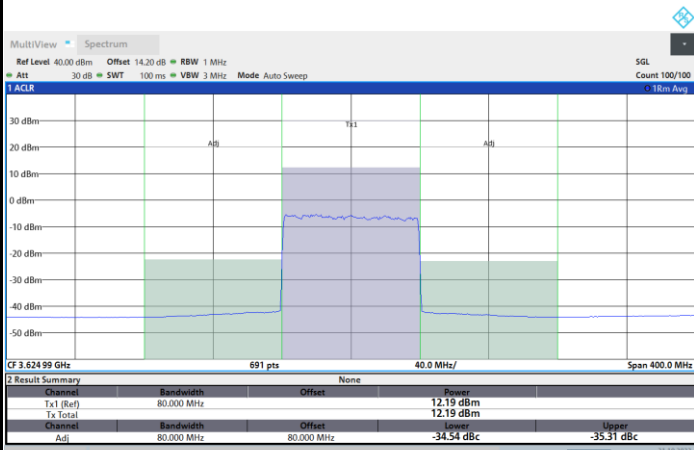
Middle Channel

1RB0

1RBmax



Full RB



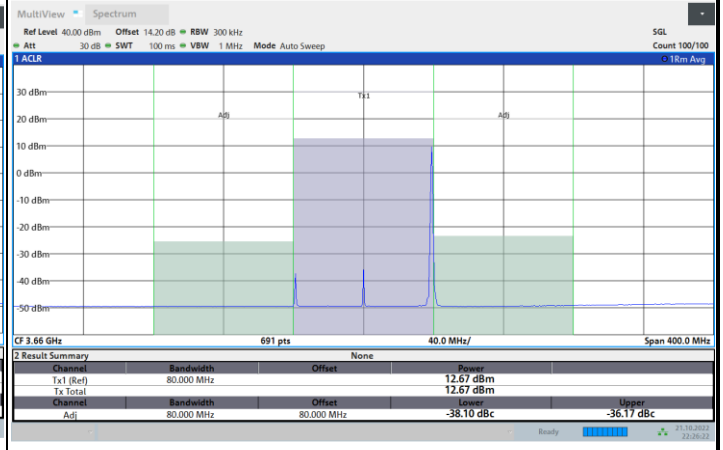
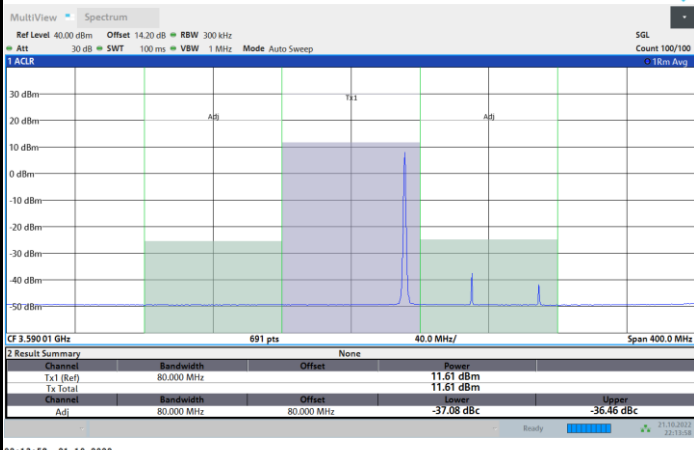


FR1 N77 / 80MHz / CP OFDM / 256QAM

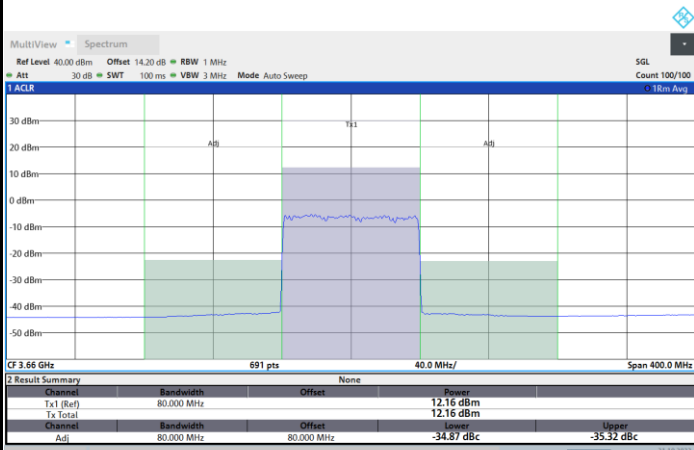
Highest Channel

1RB0

1RBmax



Full RB



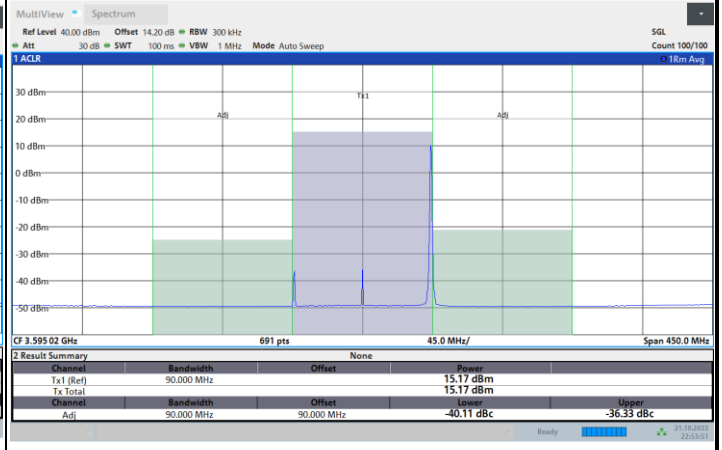
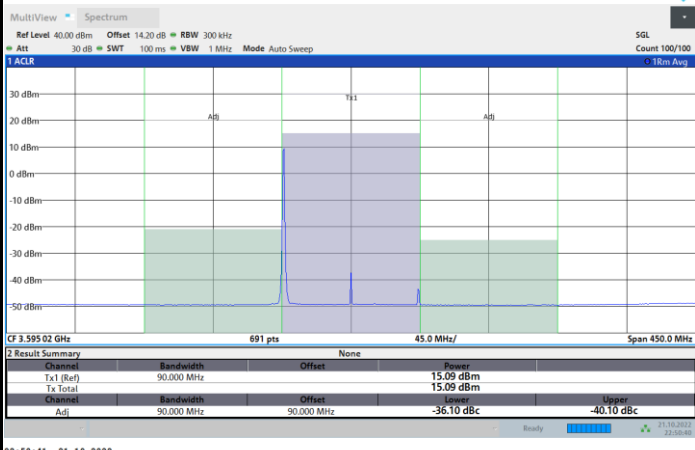


FR1 N77 / 90MHz / CP OFDM / QPSK

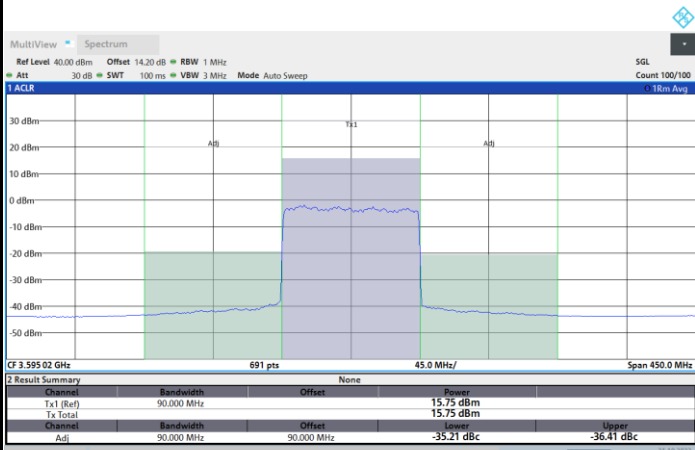
Lowest Channel

1RB0

1RBmax



Full RB



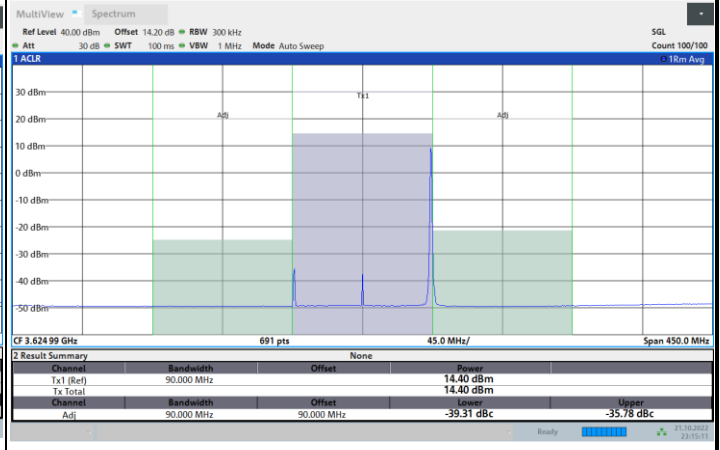
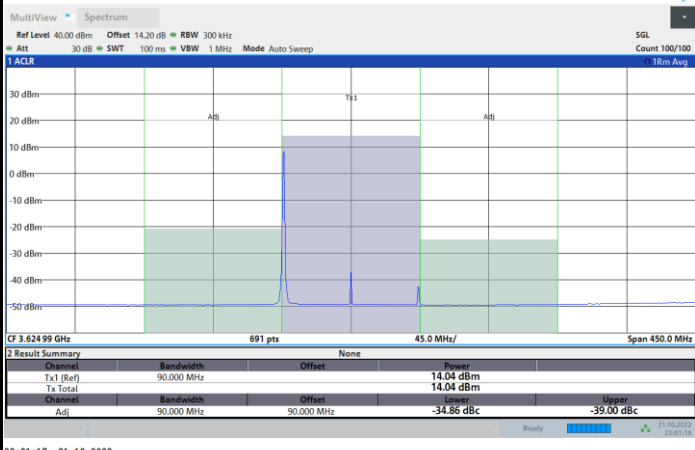


FR1 N77 / 90MHz / CP OFDM / QPSK

Middle Channel

1RB0

1RBmax



23:01:17 21.10.2022

23:15:11 21.10.2022

Full RB



23:19:06 21.10.2022

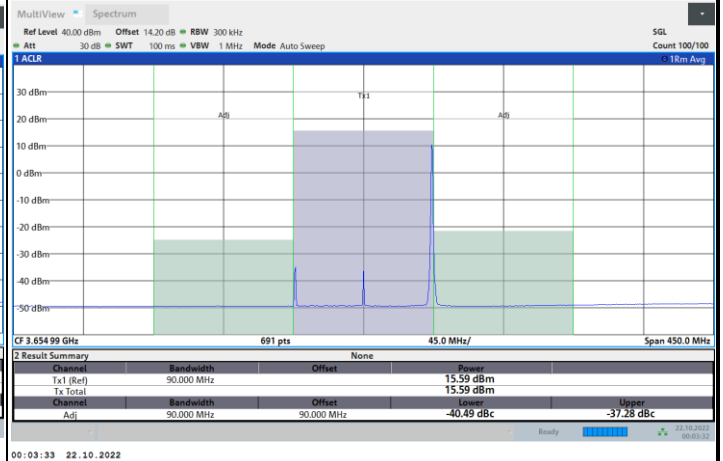
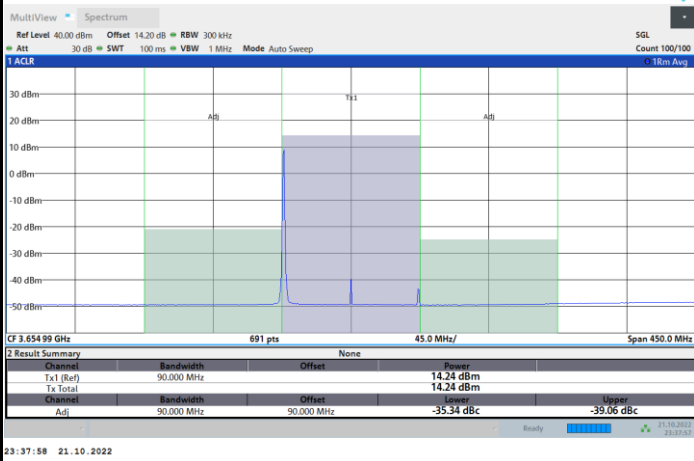


FR1 N77 / 90MHz / CP OFDM / QPSK

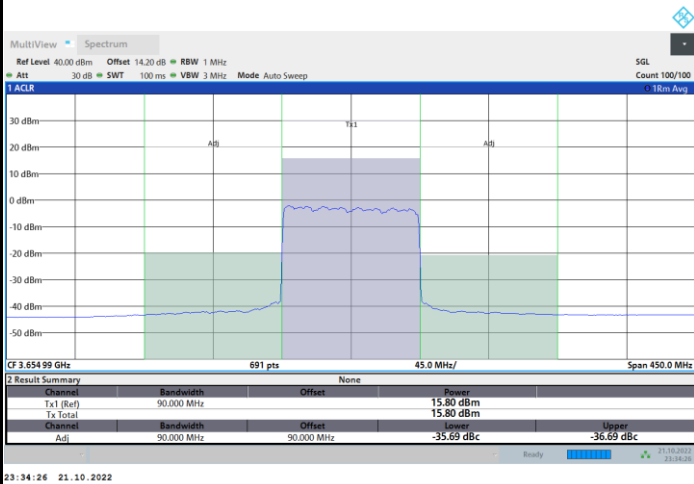
Highest Channel

1RB0

1RBmax



Full RB



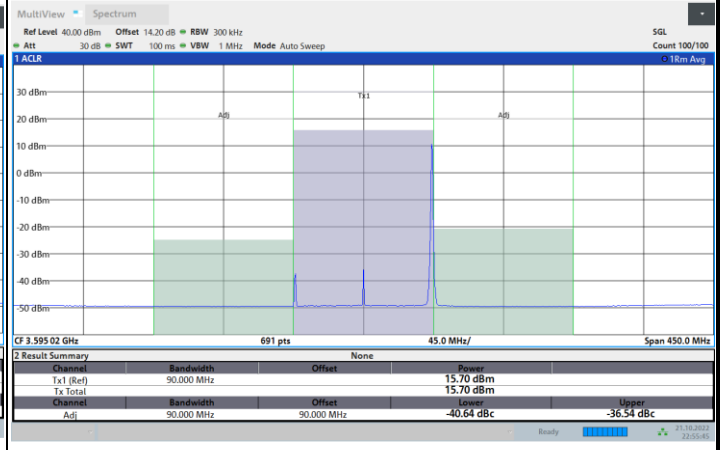
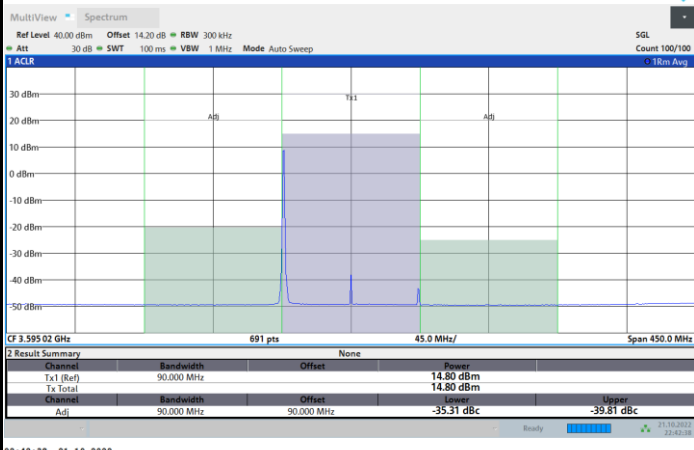


FR1 N77 / 90MHz / CP OFDM / 16QAM

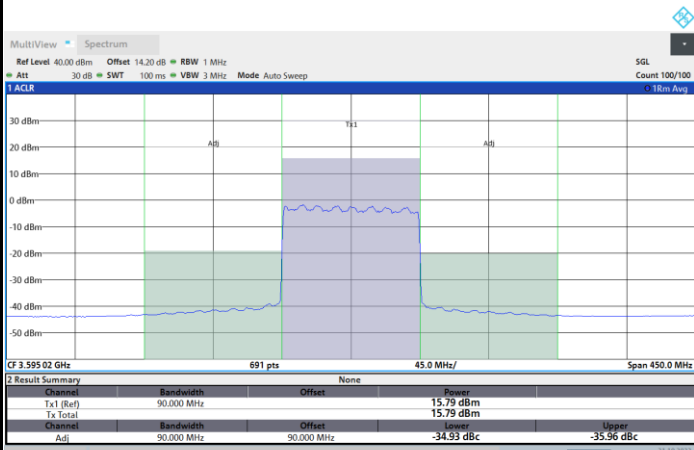
Lowest Channel

1RB0

1RBmax



Full RB



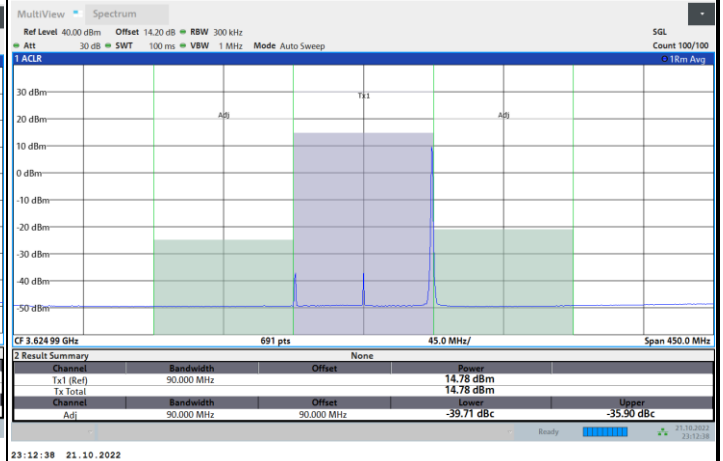
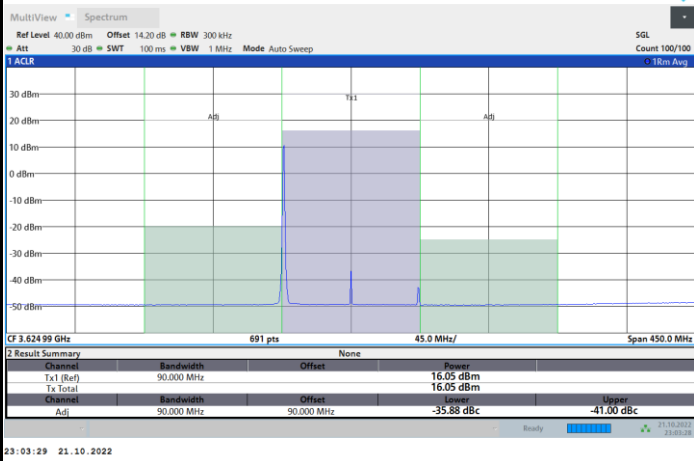


FR1 N77 / 90MHz / CP OFDM / 16QAM

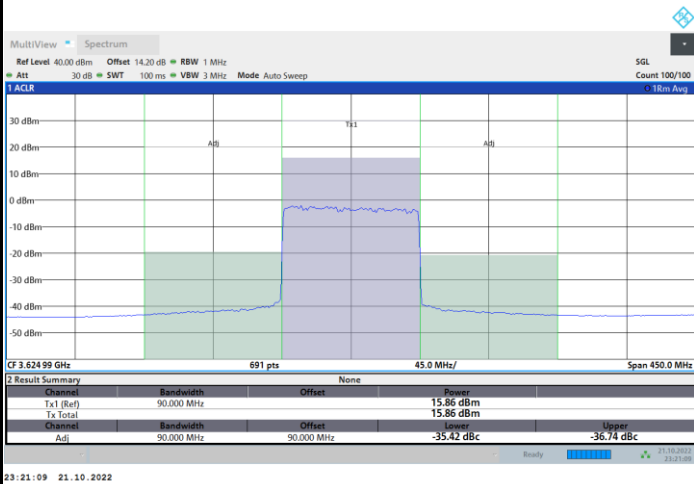
Middle Channel

1RB0

1RBmax



Full RB



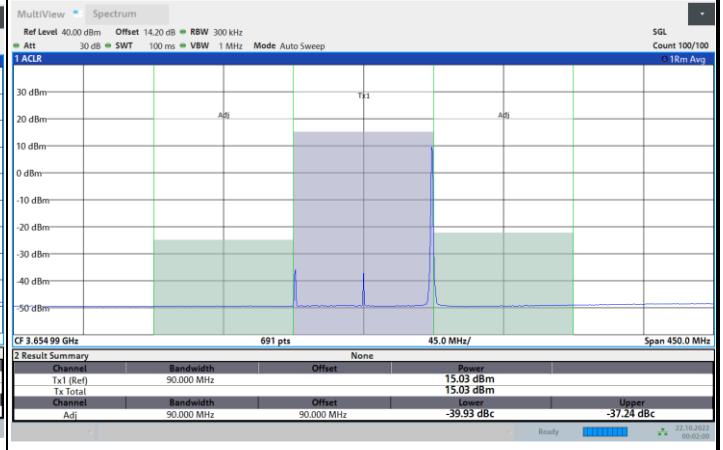
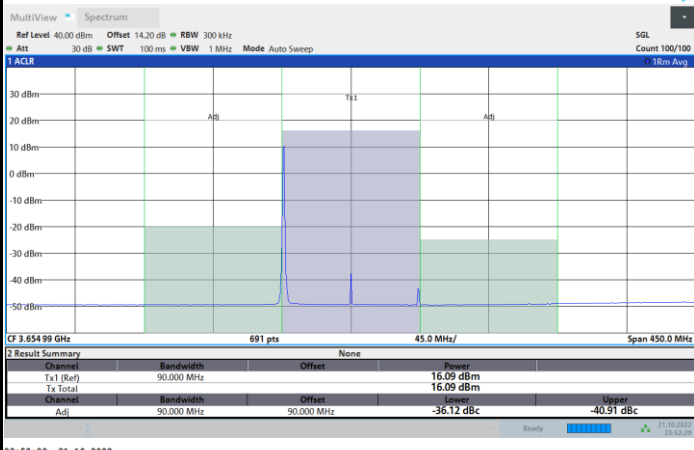


FR1 N77 / 90MHz / CP OFDM / 16QAM

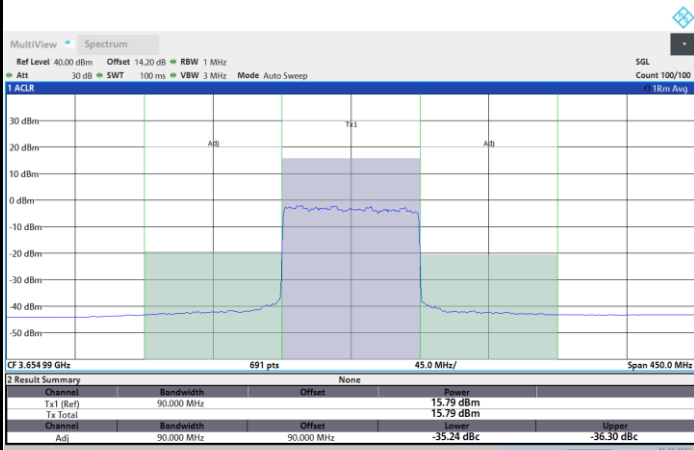
Highest Channel

1RB0

1RBmax



Full RB



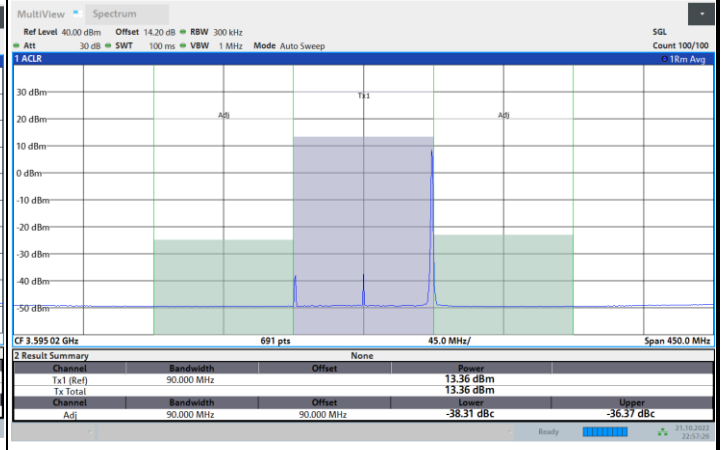
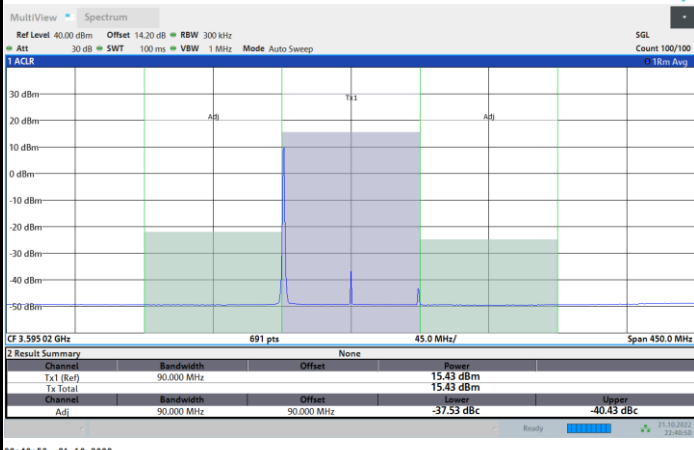


FR1 N77 / 90MHz / CP OFDM / 64QAM

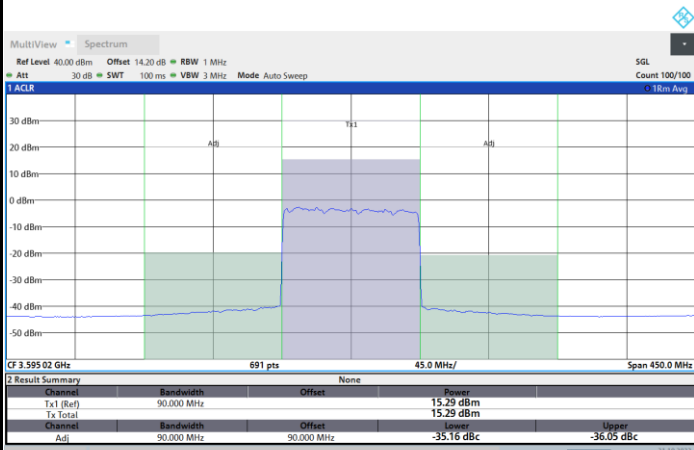
Lowest Channel

1RB0

1RBmax



Full RB



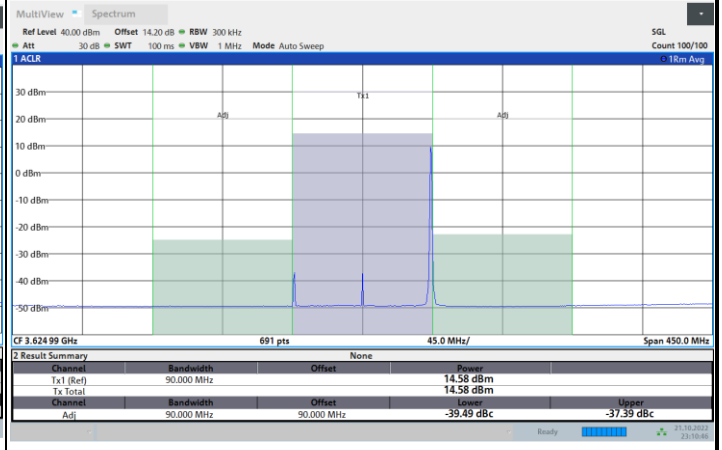
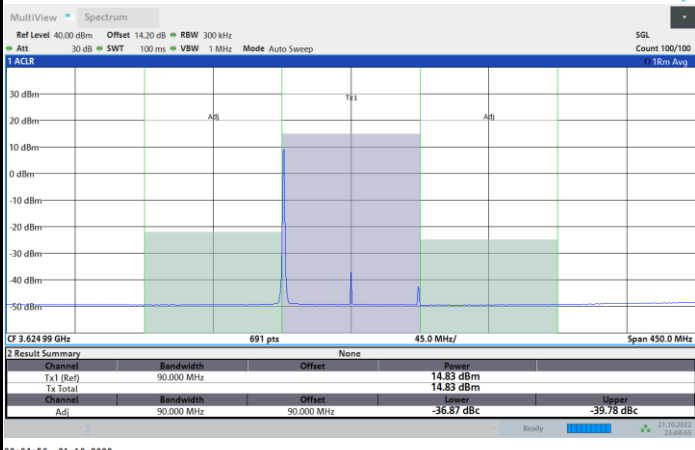


FR1 N77 / 90MHz / CP OFDM / 64QAM

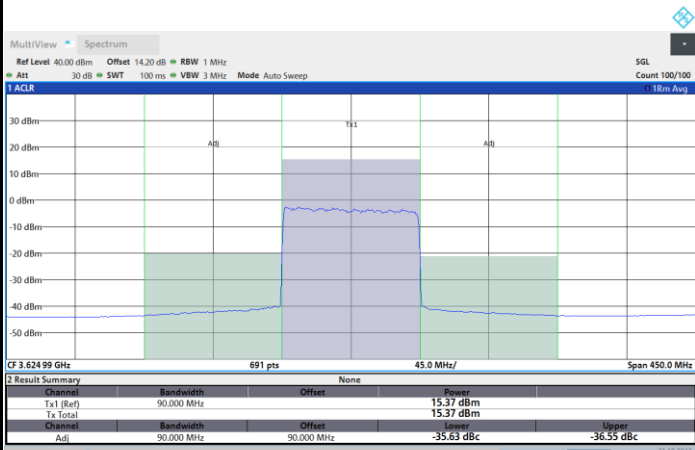
Middle Channel

1RB0

1RBmax



Full RB



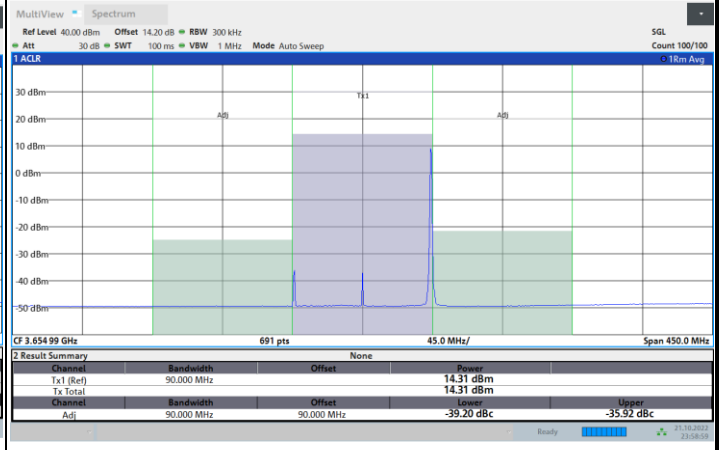
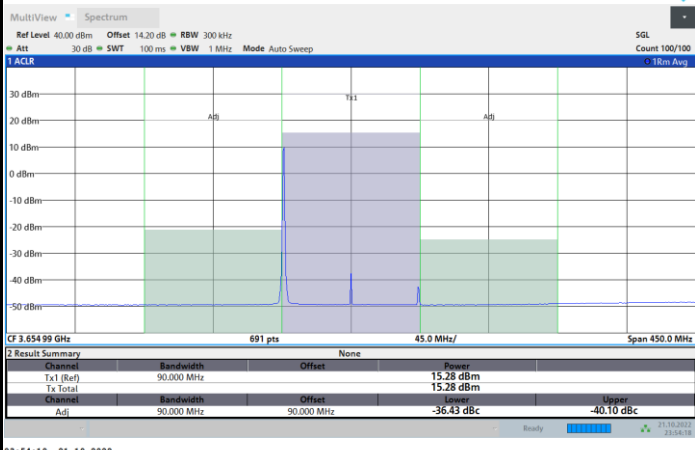


FR1 N77 / 90MHz / CP OFDM / 64QAM

Highest Channel

1RB0

1RBmax



Full RB



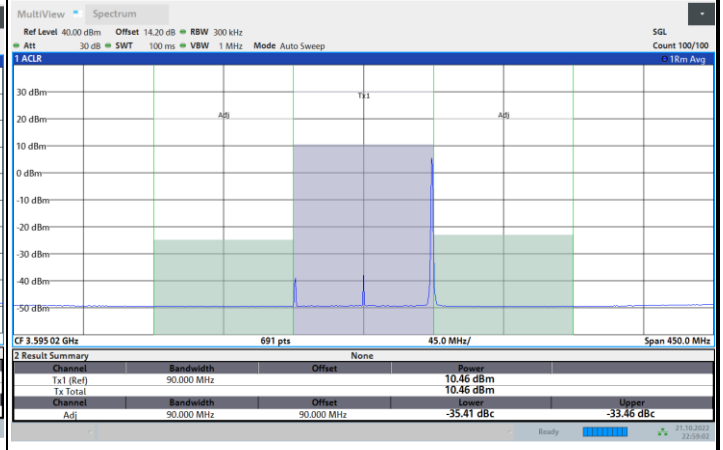
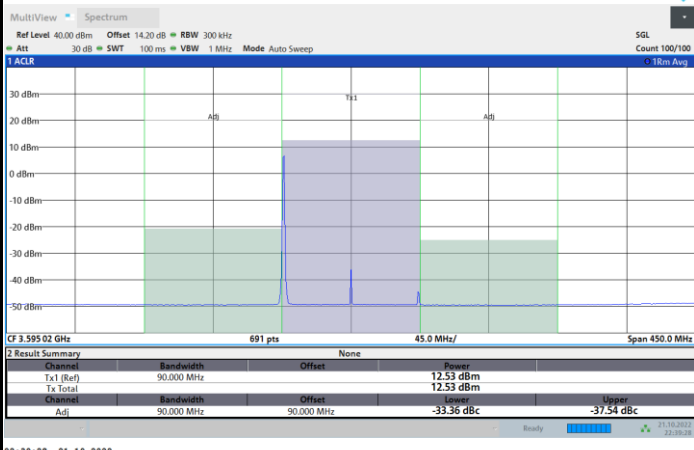


FR1 N77 / 90MHz / CP OFDM / 256QAM

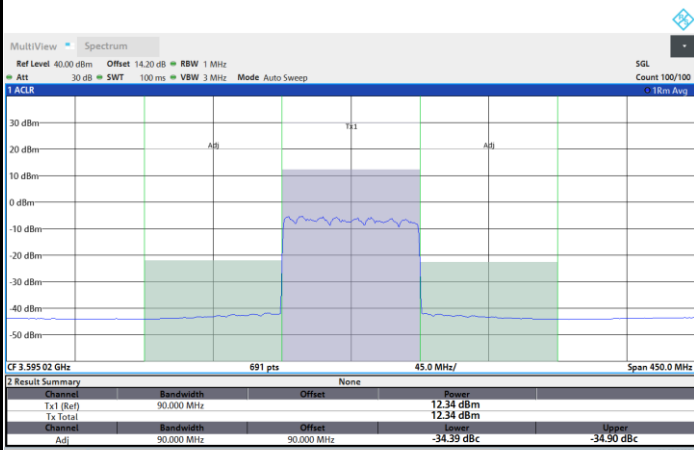
Lowest Channel

1RB0

1RBmax



Full RB



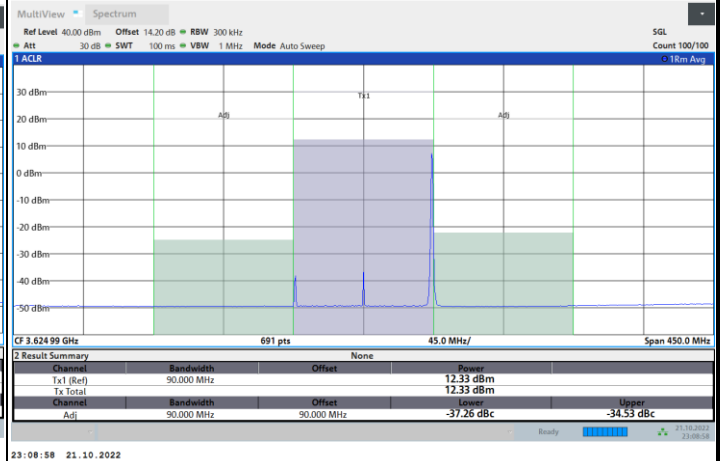


FR1 N77 / 90MHz / CP OFDM / 256QAM

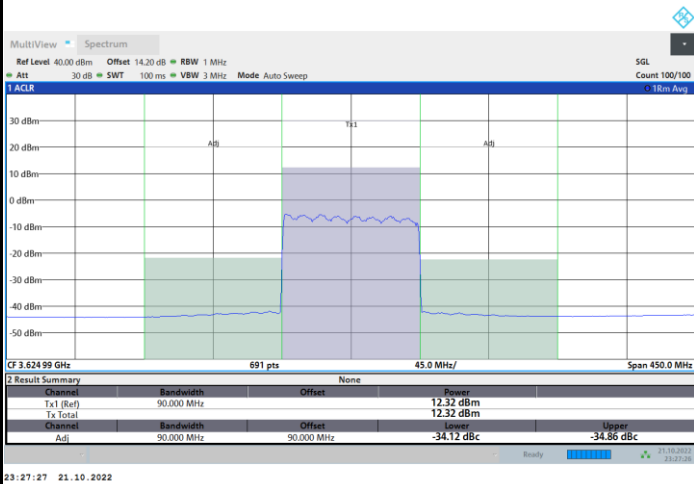
Middle Channel

1RB0

1RBmax



Full RB



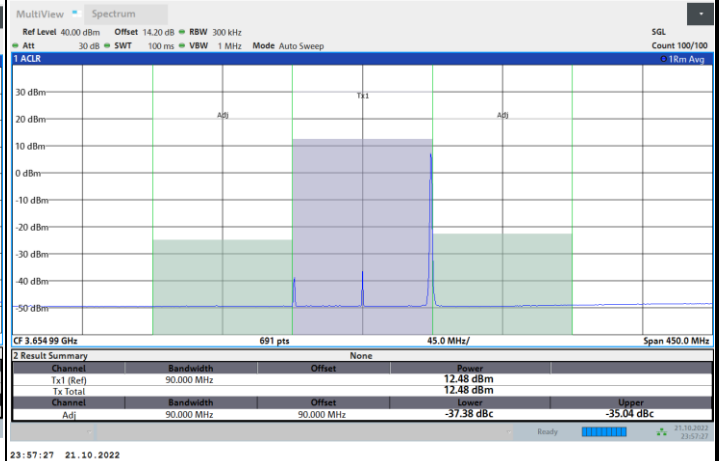
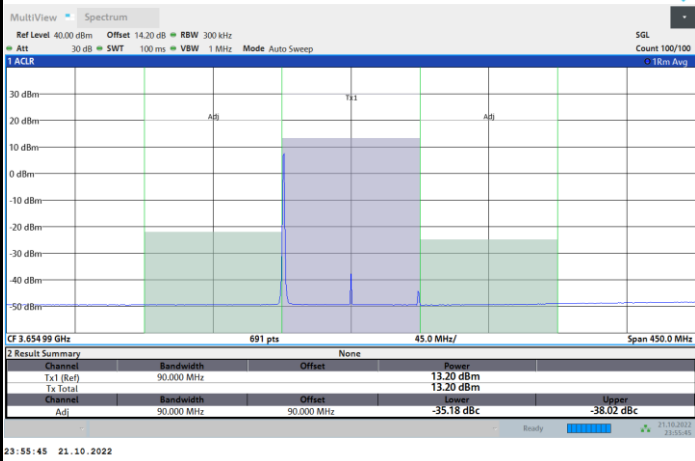


FR1 N77 / 90MHz / CP OFDM / 256QAM

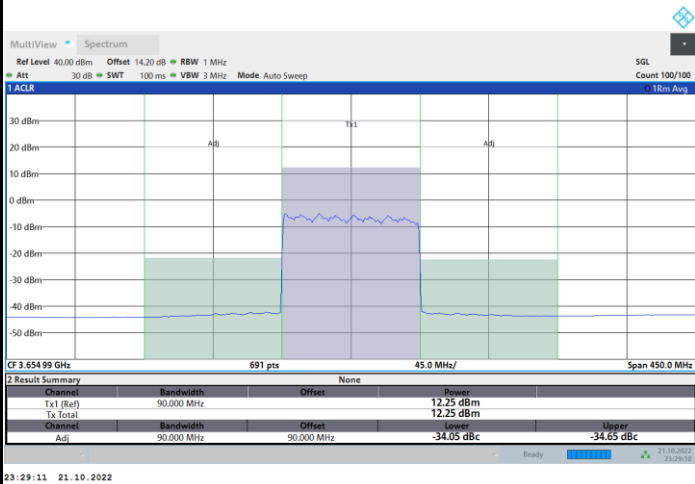
Highest Channel

1RB0

1RBmax



Full RB



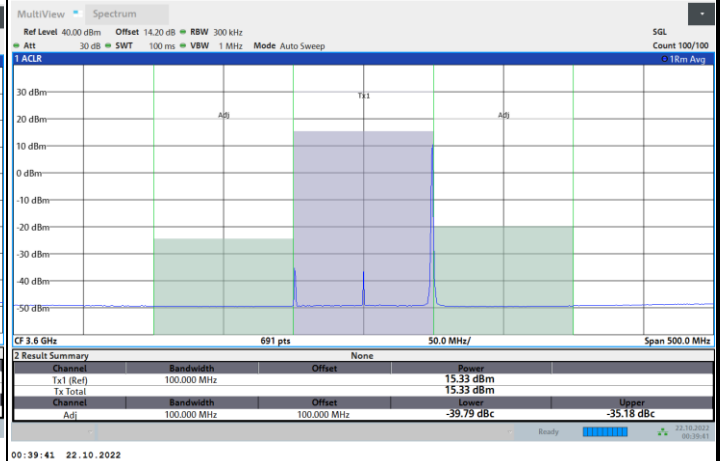
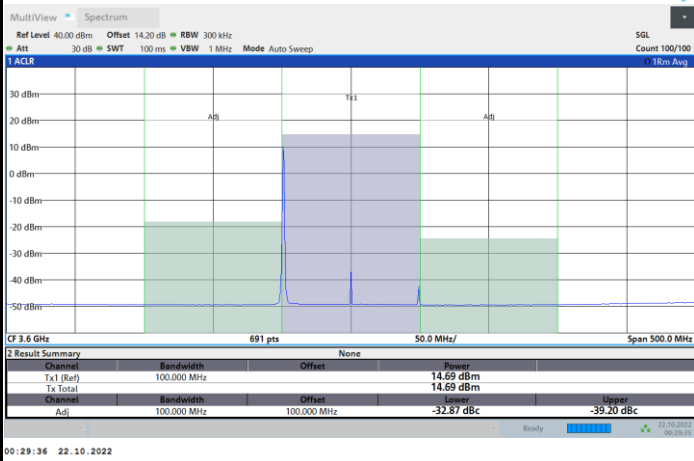


FR1 N77 / 100MHz / CP OFDM / QPSK

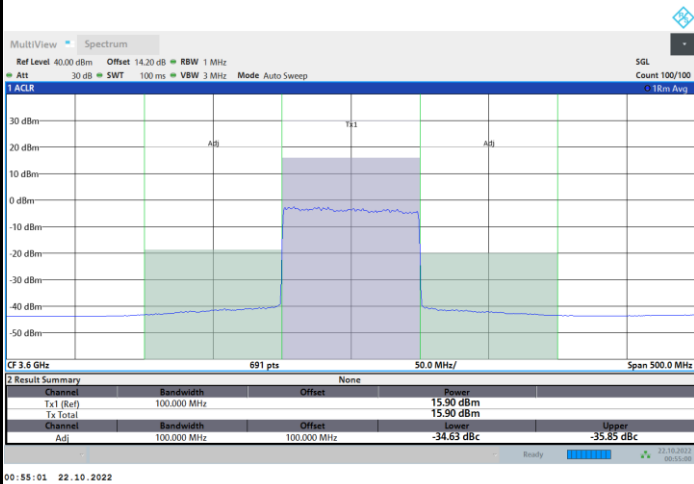
Lowest Channel

1RB0

1RBmax



Full RB



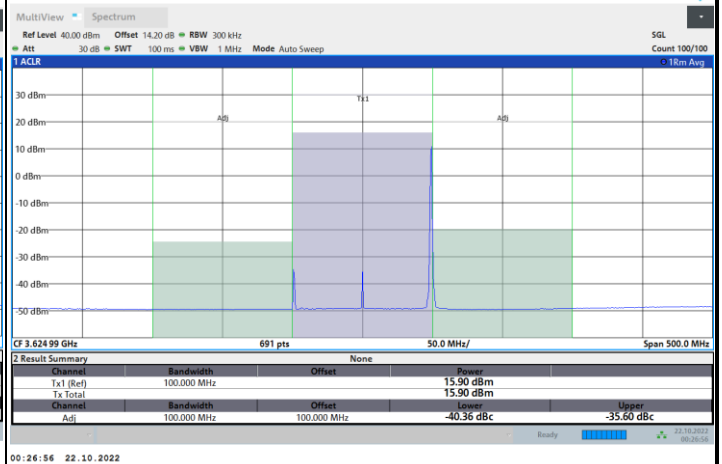
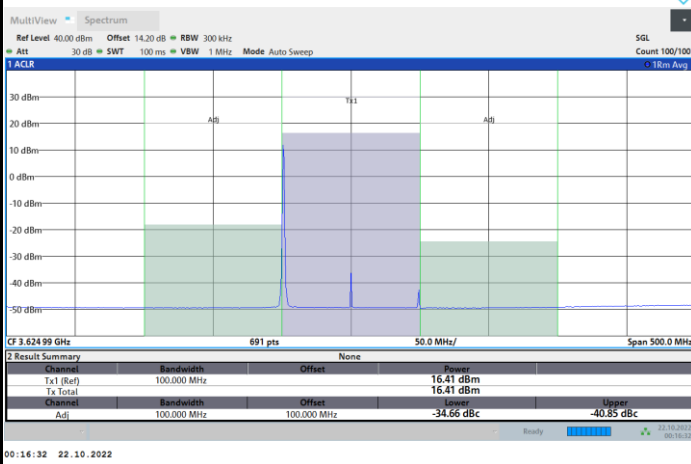


FR1 N77 / 100MHz / CP OFDM / QPSK

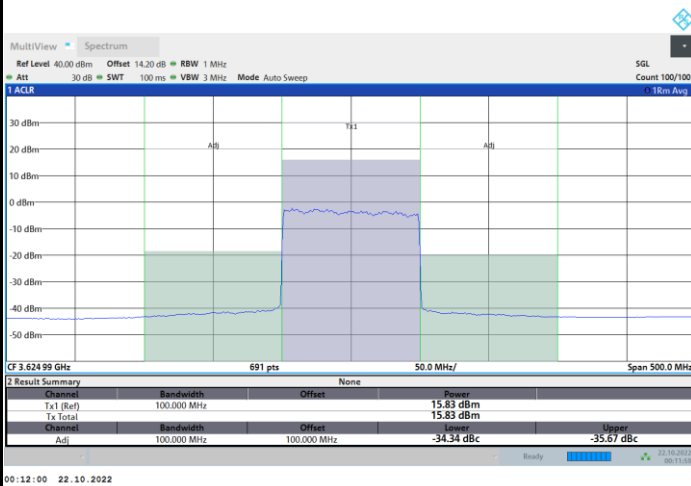
Middle Channel

1RB0

1RBmax



Full RB



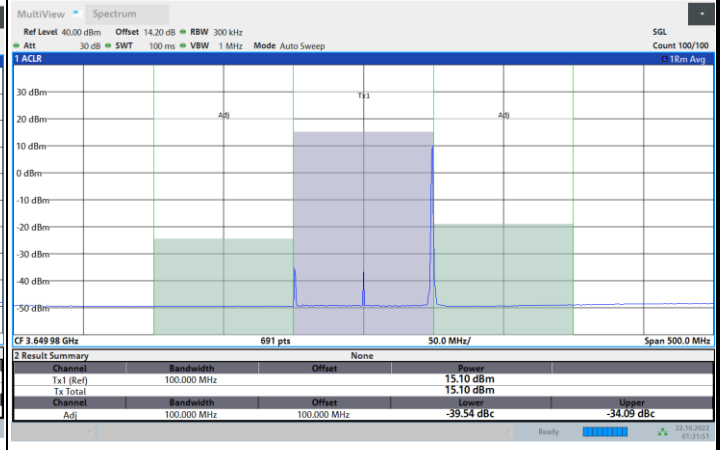
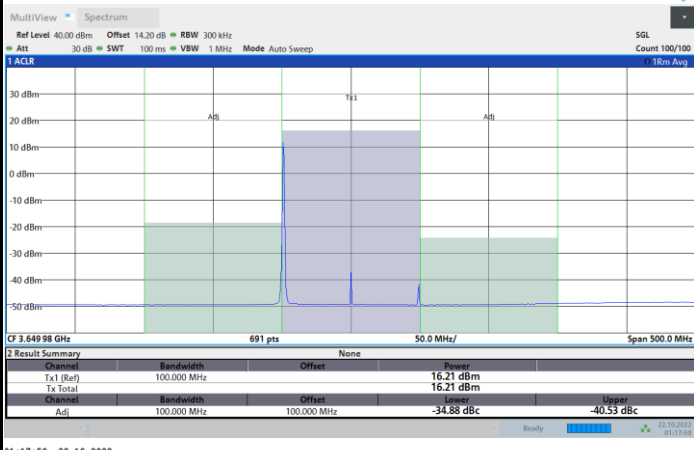


FR1 N77 / 100MHz / CP OFDM / QPSK

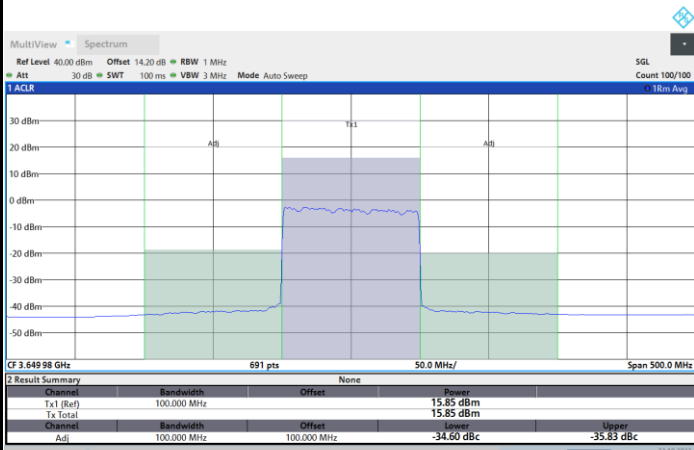
Highest Channel

1RB0

1RBmax



Full RB



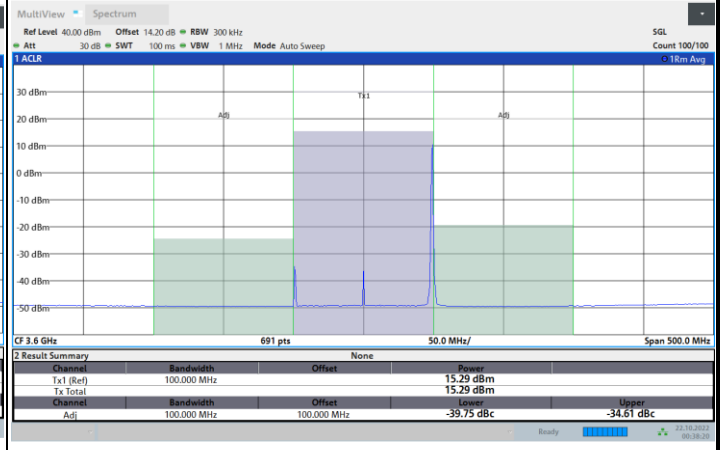


FR1 N77 / 100MHz / CP OFDM / 16QAM

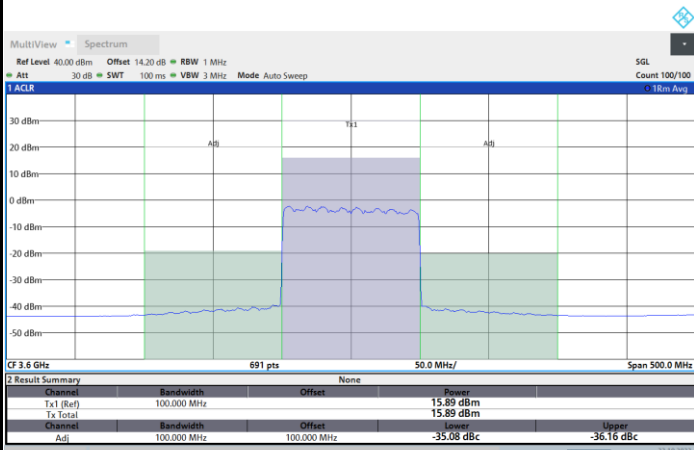
Lowest Channel

1RB0

1RBmax



Full RB



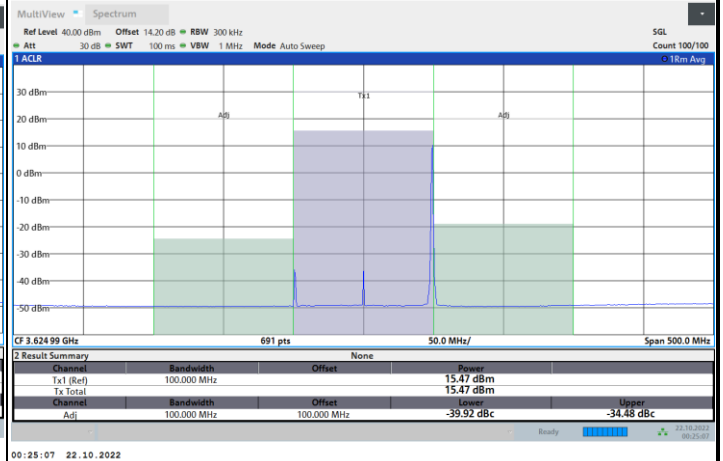
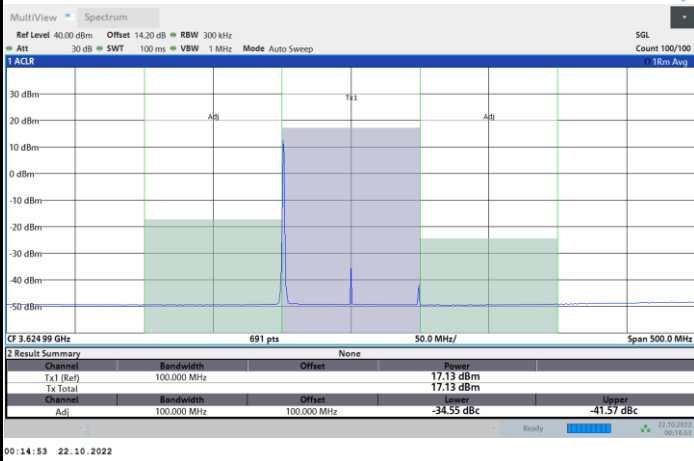


FR1 N77 / 100MHz / CP OFDM / 16QAM

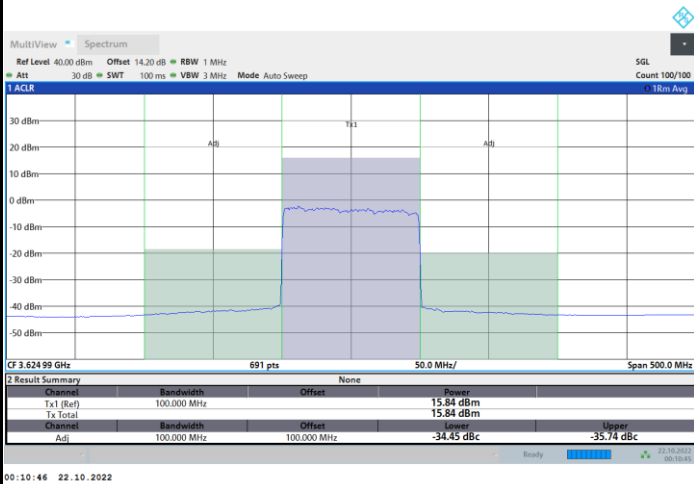
Middle Channel

1RB0

1RBmax



Full RB



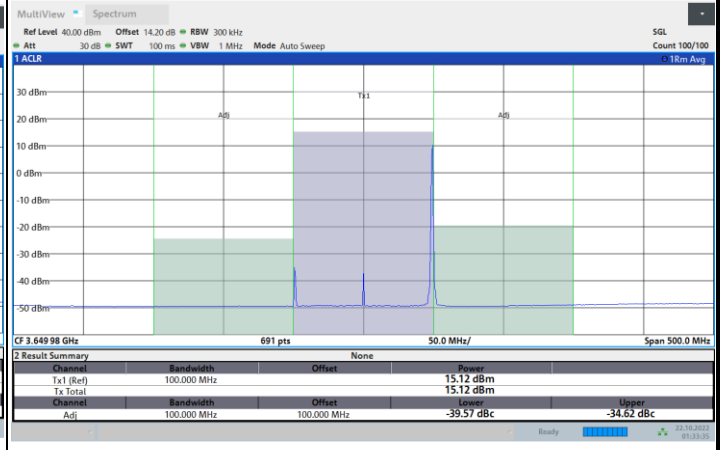
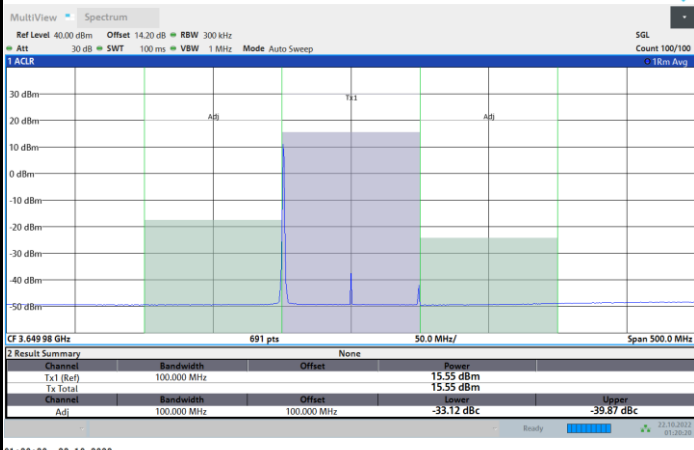


FR1 N77 / 100MHz / CP OFDM / 16QAM

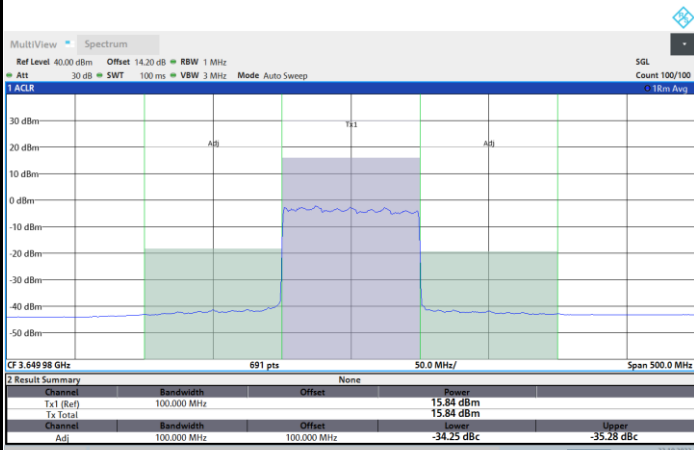
Highest Channel

1RB0

1RBmax



Full RB



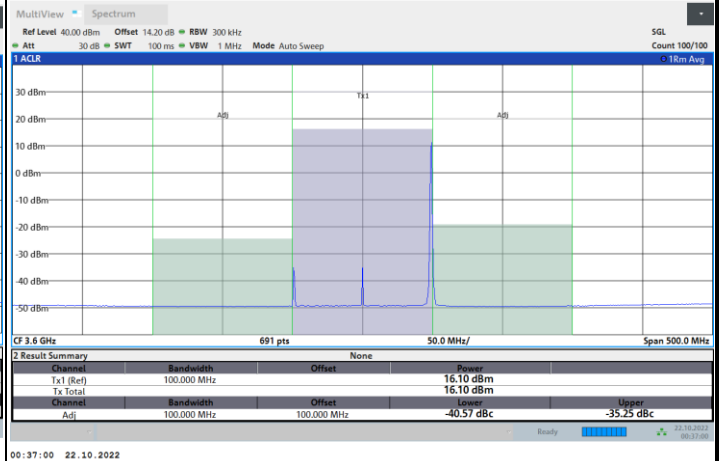
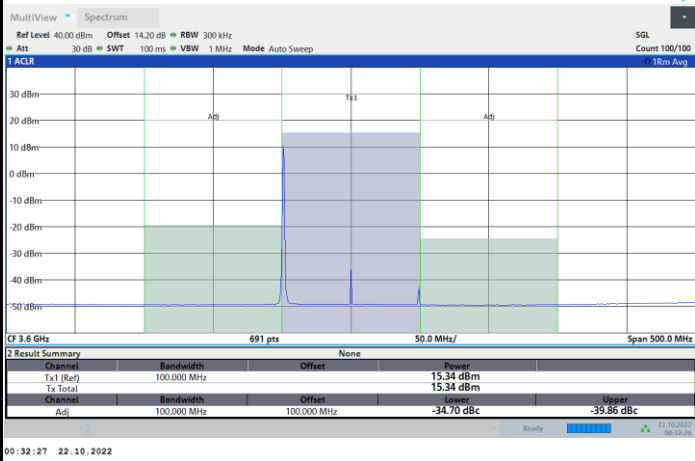


FR1 N77 / 100MHz / CP OFDM / 64QAM

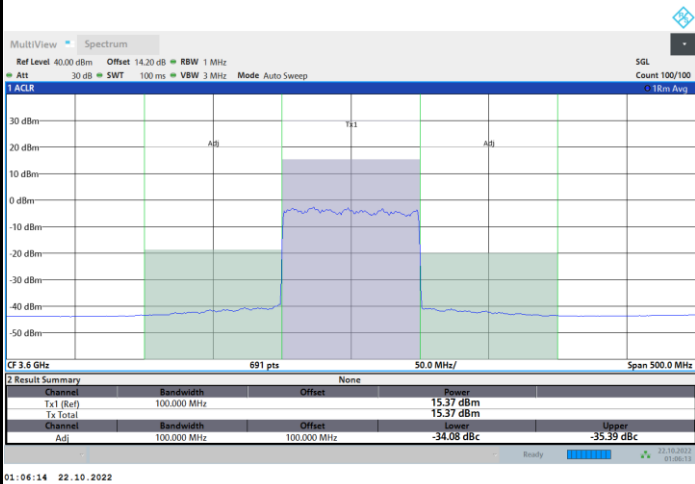
Lowest Channel

1RB0

1RBmax



Full RB



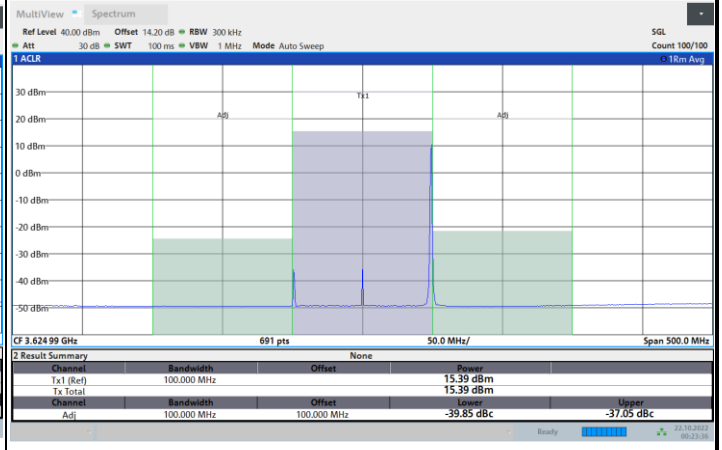


FR1 N77 / 100MHz / CP OFDM / 64QAM

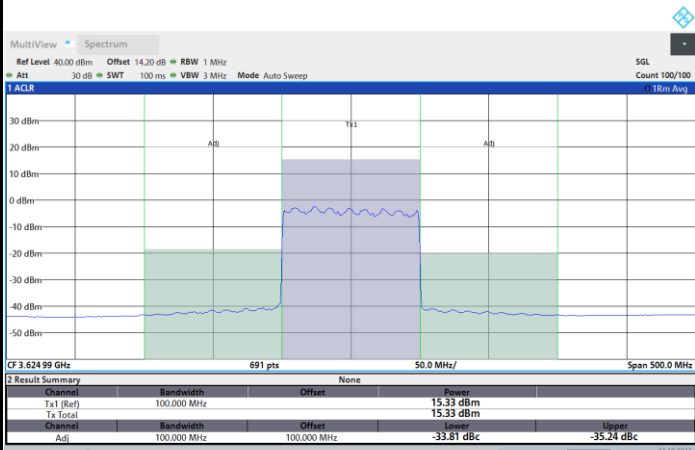
Middle Channel

1RB0

1RBmax



Full RB



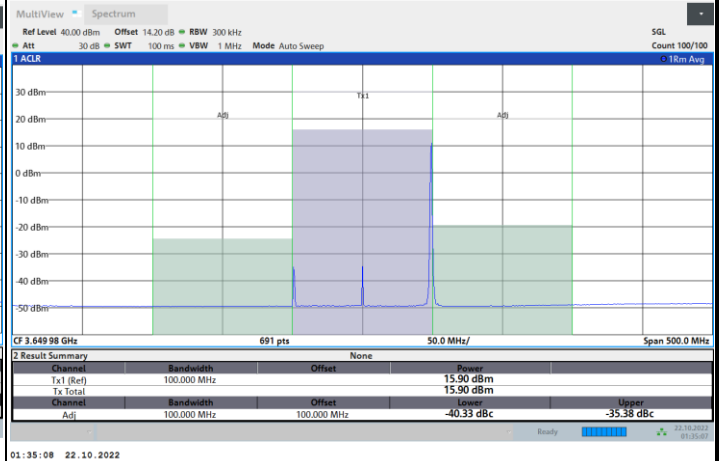
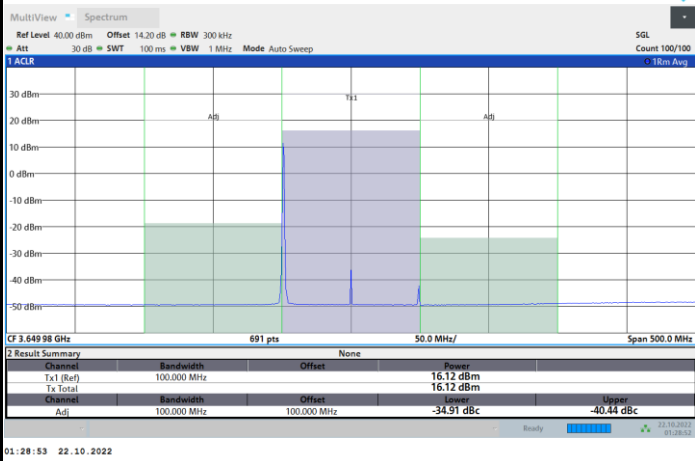


FR1 N77 / 100MHz / CP OFDM / 64QAM

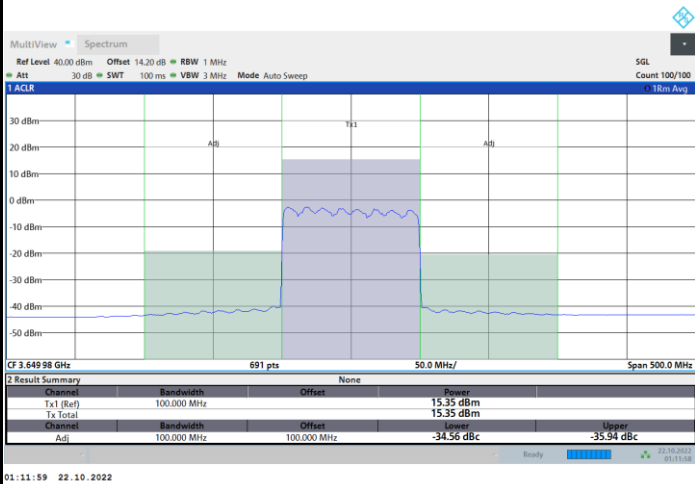
Highest Channel

1RB0

1RBmax



Full RB



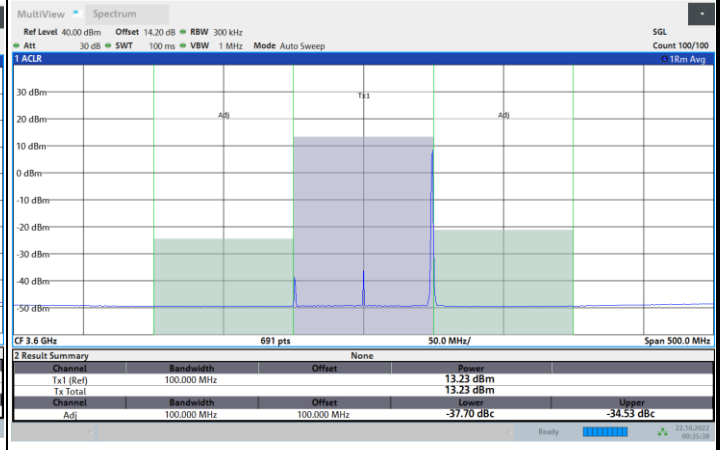
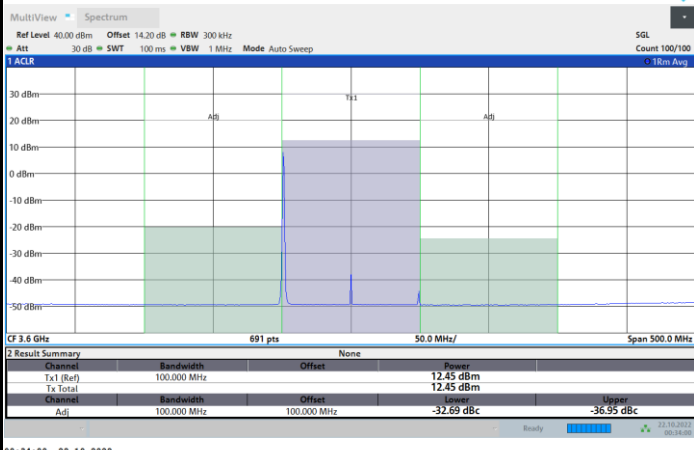


FR1 N77 / 100MHz / CP OFDM / 256QAM

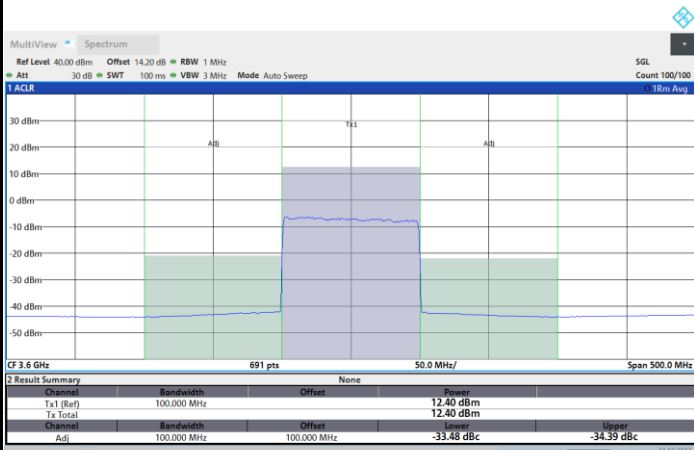
Lowest Channel

1RB0

1RBmax



Full RB



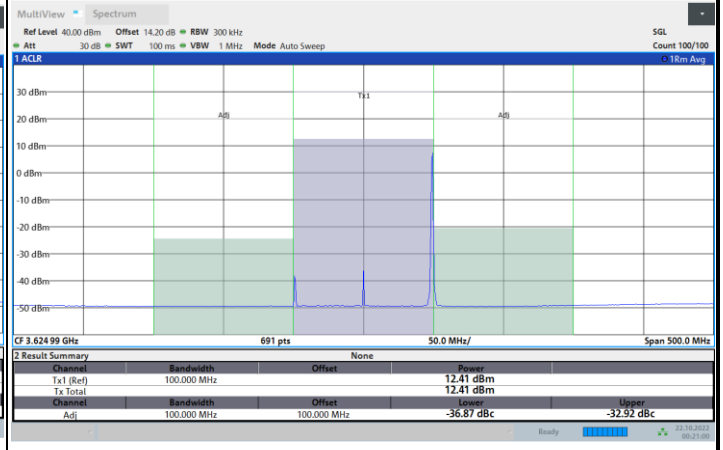
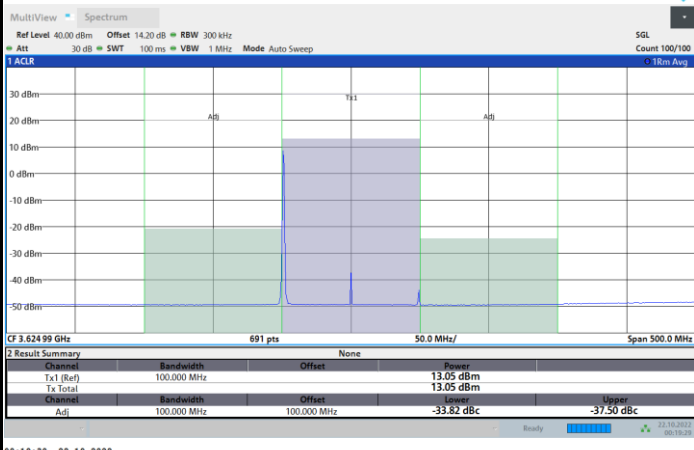


FR1 N77 / 100MHz / CP OFDM / 256QAM

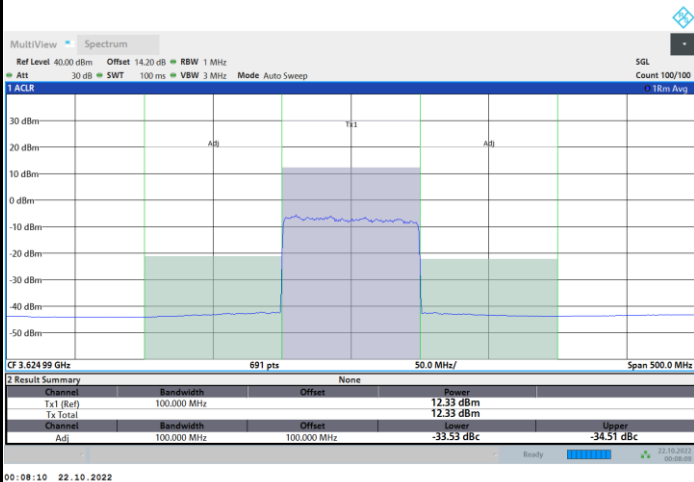
Middle Channel

1RB0

1RBmax



Full RB



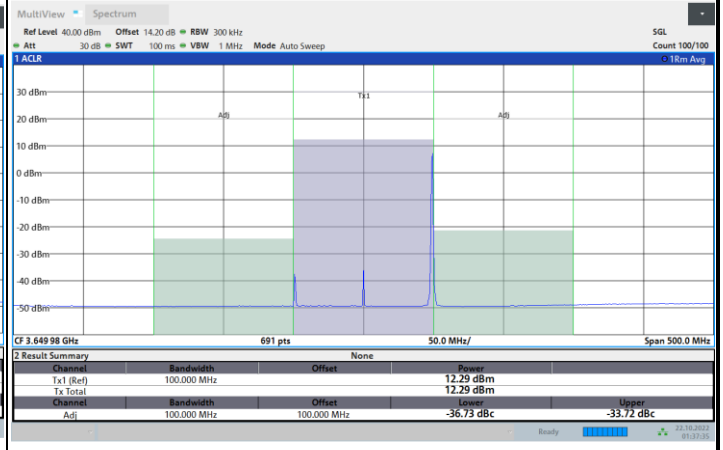


FR1 N77 / 100MHz / CP OFDM / 256QAM

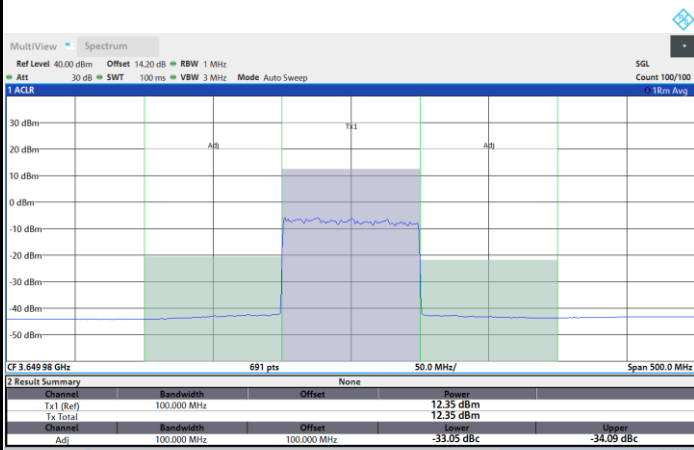
Highest Channel

1RB0

1RBmax



Full RB

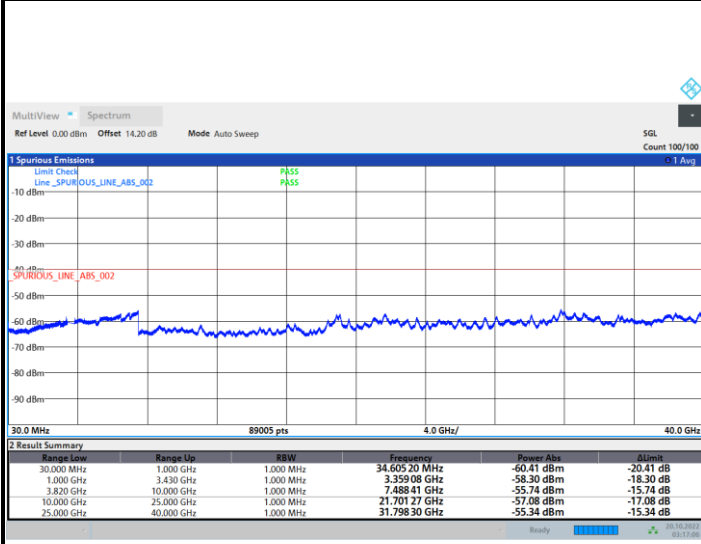




Conducted Spurious Emission

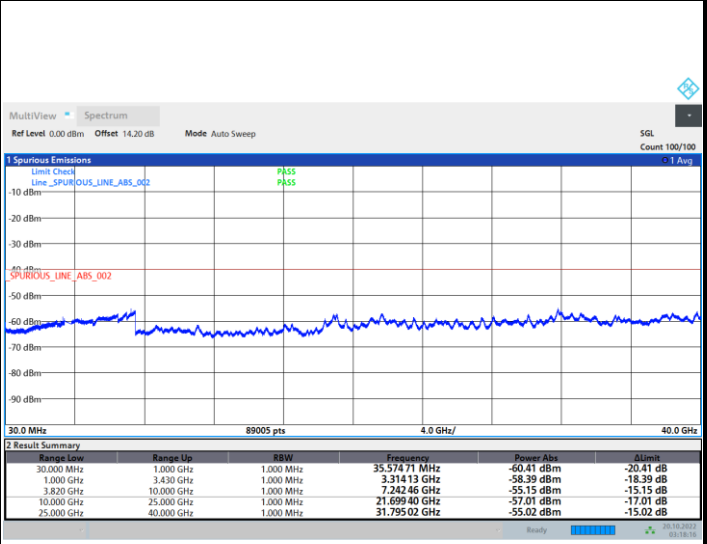
FR1 N77 / 10MHz / CP OFDM / QPSK / 1RB1

Lowest Channel



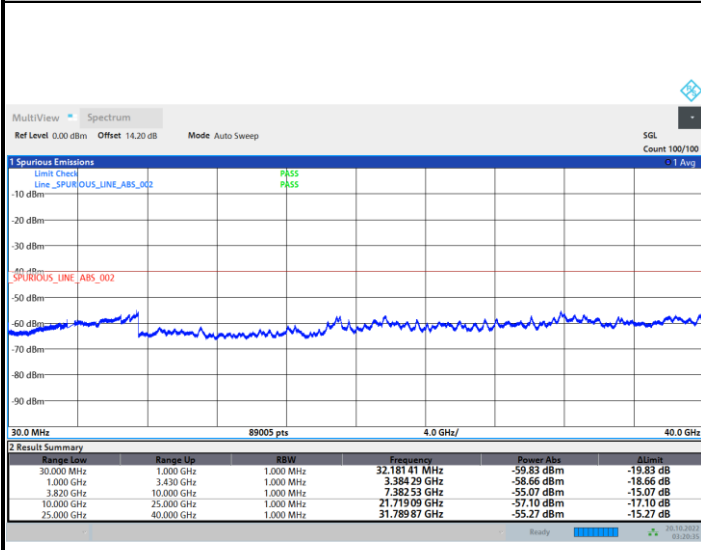
03:17:07 20.10.2022

Middle Channel



03:18:16 20.10.2022

Highest Channel



03:20:35 20.10.2022



Frequency Stability

| Test Conditions | | FR1 N77 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|---------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 20MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0018 | PASS |
| 40 | Normal Voltage | 0.0023 | |
| 30 | Normal Voltage | 0.0021 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0018 | |
| 0 | Normal Voltage | 0.0000 | |
| -10 | Normal Voltage | 0.0010 | |
| -20 | Normal Voltage | 0.0015 | |
| -30 | Normal Voltage | 0.0014 | |
| 20 | Maximum Voltage | 0.0004 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0010 | |

Note:

- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 0>

5G NR n48

| 5G NR n48 / 40MHz / PI/2 BPSK | | | | | | | | | |
|-------------------------------|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 7105 | -56.85 | -40 | -16.85 | -54.98 | -66.55 | 1.84 | 11.54 | H |
| | 10657 | -44.79 | -40 | -4.79 | -47.4 | -53.26 | 2.23 | 10.71 | H |
| | 14209 | -49.31 | -40 | -9.31 | -58.04 | -58.94 | 2.65 | 12.27 | H |
| | 21314 | -61.92 | -40 | -21.92 | -76.31 | -76.78 | 3.32 | 18.18 | H |
| | 24866 | -58.61 | -40 | -18.61 | -76.89 | -73.38 | 3.71 | 18.48 | H |
| | 28418 | -55.42 | -40 | -15.42 | -75.93 | -70.88 | 3.99 | 19.45 | H |
| | | | | | | | | | H |
| | 7105 | -54.40 | -40 | -14.40 | -52.78 | -64.10 | 1.84 | 11.54 | V |
| | 10657 | -42.71 | -40 | -2.71 | -44.92 | -51.18 | 2.23 | 10.71 | V |
| | 14209 | -49.34 | -40 | -9.34 | -57.95 | -58.97 | 2.65 | 12.27 | V |
| | 21314 | -62.37 | -40 | -22.37 | -76.45 | -77.23 | 3.32 | 18.18 | V |
| | 24866 | -58.87 | -40 | -18.87 | -76.83 | -73.64 | 3.71 | 18.48 | V |
| | 28418 | -56.64 | -40 | -16.64 | -76.74 | -72.10 | 3.99 | 19.45 | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|--------|--------|--------|--------|--------|--------|-------|-------|---|
| Middle | 7215 | -55.35 | -40 | -15.35 | -53.78 | -64.81 | 1.85 | 11.31 | H |
| | 10822 | -45.71 | -40 | -5.71 | -48.65 | -54.10 | 2.22 | 10.61 | H |
| | 14429 | -49.29 | -40 | -9.29 | -58.24 | -58.81 | 2.63 | 12.14 | H |
| | 18036 | -59.21 | -40 | -19.21 | -70.65 | -73.58 | 3.23 | 17.60 | H |
| | 21644 | -60.43 | -40 | -20.43 | -75.54 | -75.56 | 3.41 | 18.54 | H |
| | 25251 | -58.36 | -40 | -18.36 | -76.67 | -73.30 | 3.76 | 18.70 | H |
| | | | | | | | | | H |
| | 7215 | -53.52 | -40 | -13.52 | -52.32 | -62.98 | 1.85 | 11.31 | V |
| | 10822 | -41.75 | -40 | -1.75 | -44.43 | -50.14 | 2.22 | 10.61 | V |
| | 14429 | -48.67 | -40 | -8.67 | -57.97 | -58.19 | 2.63 | 12.14 | V |
| | 18036 | -54.87 | -40 | -14.87 | -66 | -69.24 | 3.23 | 17.60 | V |
| | 21644 | -61.27 | -40 | -21.27 | -76.05 | -76.40 | 3.41 | 18.54 | V |
| 25251 | -59.37 | -40 | -19.37 | -77.39 | -74.31 | 3.76 | 18.70 | V | |
| Highest | 7323 | -52.36 | -40 | -12.36 | -51.06 | -61.82 | 1.90 | 11.36 | H |
| | 10987 | -46.99 | -40 | -6.99 | -50.26 | -55.30 | 2.20 | 10.51 | H |
| | 14649 | -49.48 | -40 | -9.48 | -58.54 | -59.31 | 2.60 | 12.43 | H |
| | 18311 | -60.76 | -40 | -20.76 | -72.46 | -75.12 | 3.24 | 17.60 | H |
| | 21974 | -61.12 | -40 | -21.12 | -76.56 | -76.49 | 3.50 | 18.87 | H |
| | 25636 | -58.44 | -40 | -18.44 | -76.93 | -73.61 | 3.85 | 19.03 | H |
| | | | | | | | | | H |
| | 7323 | -49.84 | -40 | -9.84 | -48.75 | -59.30 | 1.90 | 11.36 | V |
| | 10987 | -44.99 | -40 | -4.99 | -48.16 | -53.30 | 2.20 | 10.51 | V |
| | 14649 | -48.35 | -40 | -8.35 | -58.22 | -58.18 | 2.60 | 12.43 | V |
| | 18311 | -59.13 | -40 | -19.13 | -70.57 | -73.49 | 3.24 | 17.60 | V |
| | 21974 | -61.27 | -40 | -21.27 | -76.34 | -76.64 | 3.50 | 18.87 | V |
| 25636 | -58.48 | -40 | -18.48 | -76.7 | -73.65 | 3.85 | 19.03 | V | |
| | | | | | | | | V | |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



5G NR n77

| 5G NR n77 / 100MHz / PI/2 BPSK | | | | | | | | | |
|--------------------------------|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 7102 | -53.28 | -40 | -13.28 | -51.41 | -62.98 | 1.84 | 11.55 | H |
| | 10653 | -47.41 | -40 | -7.41 | -50.02 | -55.88 | 2.23 | 10.71 | H |
| | 14204 | -49.57 | -40 | -9.57 | -58.3 | -59.20 | 2.65 | 12.28 | H |
| | 21306 | -63.28 | -40 | -23.28 | -77.64 | -78.13 | 3.32 | 18.17 | H |
| | 24857 | -59.55 | -40 | -19.55 | -77.83 | -74.32 | 3.71 | 18.49 | H |
| | 28408 | -56.28 | -40 | -16.28 | -76.79 | -71.75 | 3.99 | 19.46 | H |
| | | | | | | | | | H |
| | 7102 | -48.94 | -40 | -8.94 | -47.32 | -58.64 | 1.84 | 11.55 | V |
| | 10653 | -45.24 | -40 | -5.24 | -47.44 | -53.71 | 2.23 | 10.71 | V |
| | 14204 | -49.37 | -40 | -9.37 | -57.98 | -59.00 | 2.65 | 12.28 | V |
| | 21306 | -62.77 | -40 | -22.77 | -76.83 | -77.62 | 3.32 | 18.17 | V |
| | 24857 | -59.27 | -40 | -19.27 | -77.23 | -74.04 | 3.71 | 18.49 | V |
| | 28408 | -56.84 | -40 | -16.84 | -76.93 | -72.31 | 3.99 | 19.46 | V |
| | | | | | | | | | V |
| Middle | 7152 | -55.55 | -40 | -15.55 | -53.82 | -65.13 | 1.84 | 11.42 | H |
| | 10728 | -44.59 | -40 | -4.59 | -47.35 | -53.03 | 2.23 | 10.66 | H |
| | 14303 | -49.78 | -40 | -9.78 | -58.6 | -59.36 | 2.64 | 12.22 | H |
| | 21457 | -61.38 | -40 | -21.38 | -76.21 | -76.37 | 3.36 | 18.35 | H |
| | 25033 | -59.86 | -40 | -19.86 | -78.14 | -74.59 | 3.71 | 18.44 | H |
| | 28610 | -55.73 | -40 | -15.73 | -76.43 | -71.12 | 3.99 | 19.38 | H |
| | | | | | | | | | H |
| | 7152 | -53.11 | -40 | -13.11 | -51.71 | -62.69 | 1.84 | 11.42 | V |
| | 10728 | -43.92 | -40 | -3.92 | -46.34 | -52.36 | 2.23 | 10.66 | V |
| | 14303 | -49.77 | -40 | -9.77 | -58.68 | -59.35 | 2.64 | 12.22 | V |
| | 21457 | -61.84 | -40 | -21.84 | -76.37 | -76.83 | 3.36 | 18.35 | V |
| | 25033 | -59.66 | -40 | -19.66 | -77.63 | -74.39 | 3.71 | 18.44 | V |
| | 28610 | -56.39 | -40 | -16.39 | -76.68 | -71.78 | 3.99 | 19.38 | V |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 7202 | -55.18 | -40 | -15.18 | -53.58 | -64.64 | 1.84 | 11.30 | H |
| | 10803 | -45.21 | -40 | -5.21 | -48.12 | -53.61 | 2.22 | 10.62 | H |
| | 14407 | -49.31 | -40 | -9.31 | -58.24 | -58.84 | 2.63 | 12.16 | H |
| | 18006 | -58.36 | -40 | -18.36 | -69.77 | -72.73 | 3.23 | 17.60 | H |
| | 21607 | -61.30 | -40 | -21.30 | -76.37 | -76.41 | 3.40 | 18.51 | H |
| | 25208 | -59.09 | -40 | -19.09 | -77.4 | -73.99 | 3.75 | 18.65 | H |
| | | | | | | | | | H |
| | 7202 | -52.20 | -40 | -12.20 | -50.99 | -61.66 | 1.84 | 11.30 | V |
| | 10803 | -43.79 | -40 | -3.79 | -46.43 | -52.19 | 2.22 | 10.62 | V |
| | 14407 | -49.26 | -40 | -9.26 | -58.5 | -58.79 | 2.63 | 12.16 | V |
| | 18006 | -55.78 | -40 | -15.78 | -66.88 | -70.15 | 3.23 | 17.60 | V |
| | 21607 | -61.89 | -40 | -21.89 | -76.64 | -77.00 | 3.40 | 18.51 | V |
| | 25208 | -59.33 | -40 | -19.33 | -77.34 | -74.23 | 3.75 | 18.65 | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 0 + Ant. 1>

5G NR n77 (SRS mode)

| 5G NR n77 (SRS mode) / 100MHz / PI/2 BPSK | | | | | | | | | |
|---|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 7102 | -54.63 | -40 | -14.63 | -52.75 | -64.33 | 1.84 | 11.55 | H |
| | 10653 | -45.16 | -40 | -5.16 | -47.77 | -53.63 | 2.23 | 10.71 | H |
| | 14204 | -48.85 | -40 | -8.85 | -57.58 | -58.48 | 2.65 | 12.28 | H |
| | 21306 | -62.29 | -40 | -22.29 | -76.66 | -77.14 | 3.32 | 18.17 | H |
| | 24857 | -59.00 | -40 | -19.00 | -77.28 | -73.77 | 3.71 | 18.49 | H |
| | 28408 | -55.80 | -40 | -15.80 | -76.31 | -71.27 | 3.99 | 19.46 | H |
| | | | | | | | | | H |
| | 7102 | -52.10 | -40 | -12.10 | -50.48 | -61.80 | 1.84 | 11.55 | V |
| | 10653 | -40.54 | -40 | -0.54 | -42.74 | -49.01 | 2.23 | 10.71 | V |
| | 14204 | -49.11 | -40 | -9.11 | -57.72 | -58.74 | 2.65 | 12.28 | V |
| | 21306 | -63.13 | -40 | -23.13 | -77.19 | -77.98 | 3.32 | 18.17 | V |
| | 24857 | -59.54 | -40 | -19.54 | -77.5 | -74.31 | 3.71 | 18.49 | V |
| | 28408 | -56.34 | -40 | -16.34 | -76.44 | -71.81 | 3.99 | 19.46 | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle | 7152 | -55.15 | -40 | -15.15 | -53.42 | -64.73 | 1.84 | 11.42 | H |
| | 10728 | -44.99 | -40 | -4.99 | -47.75 | -53.43 | 2.23 | 10.66 | H |
| | 14303 | -49.11 | -40 | -9.11 | -57.93 | -58.69 | 2.64 | 12.22 | H |
| | 21457 | -60.88 | -40 | -20.88 | -75.71 | -75.87 | 3.36 | 18.35 | H |
| | 25033 | -58.90 | -40 | -18.90 | -77.18 | -73.63 | 3.71 | 18.44 | H |
| | 28610 | -54.99 | -40 | -14.99 | -75.69 | -70.38 | 3.99 | 19.38 | H |
| | | | | | | | | | H |
| | 7152 | -51.88 | -40 | -11.88 | -50.48 | -61.46 | 1.84 | 11.42 | V |
| | 10728 | -40.86 | -40 | -0.86 | -43.28 | -49.30 | 2.23 | 10.66 | V |
| | 14303 | -49.47 | -40 | -9.47 | -58.38 | -59.05 | 2.64 | 12.22 | V |
| | 21457 | -60.96 | -40 | -20.96 | -75.49 | -75.95 | 3.36 | 18.35 | V |
| | 25033 | -59.02 | -40 | -19.02 | -76.99 | -73.75 | 3.71 | 18.44 | V |
| | 28610 | -55.62 | -40 | -15.62 | -75.91 | -71.01 | 3.99 | 19.38 | V |
| | | | | | | | | | V |
| Highest | 7202 | -53.61 | -40 | -13.61 | -52.01 | -63.07 | 1.84 | 11.30 | H |
| | 10803 | -46.35 | -40 | -6.35 | -49.26 | -54.75 | 2.22 | 10.62 | H |
| | 14407 | -50.15 | -40 | -10.15 | -59.08 | -59.68 | 2.63 | 12.16 | H |
| | 18006 | -60.94 | -40 | -20.94 | -72.35 | -75.31 | 3.23 | 17.60 | H |
| | 21607 | -61.46 | -40 | -21.46 | -76.53 | -76.57 | 3.40 | 18.51 | H |
| | 25208 | -59.31 | -40 | -19.31 | -77.62 | -74.21 | 3.75 | 18.65 | H |
| | | | | | | | | | H |
| | 7202 | -49.57 | -40 | -9.57 | -48.36 | -59.03 | 1.84 | 11.30 | V |
| | 10803 | -41.57 | -40 | -1.57 | -44.21 | -49.97 | 2.22 | 10.62 | V |
| | 14407 | -49.34 | -40 | -9.34 | -58.58 | -58.87 | 2.63 | 12.16 | V |
| | 18006 | -56.21 | -40 | -16.21 | -67.31 | -70.58 | 3.23 | 17.60 | V |
| | 21607 | -60.56 | -40 | -20.56 | -75.31 | -75.67 | 3.40 | 18.51 | V |
| | 25208 | -59.38 | -40 | -19.38 | -77.39 | -74.28 | 3.75 | 18.65 | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 0 + Ant. 2>

5G NR n77 (MIMO mode)

| 5G NR n77 (MIMO mode) / 100MHz / PI/2 BPSK | | | | | | | | | |
|--|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 7102 | -53.33 | -40 | -13.33 | -51.45 | -63.03 | 1.84 | 11.55 | H |
| | 10653 | -46.96 | -40 | -6.96 | -49.57 | -55.43 | 2.23 | 10.71 | H |
| | 14204 | -47.63 | -40 | -7.63 | -56.36 | -57.26 | 2.65 | 12.28 | H |
| | 21306 | -63.30 | -40 | -23.30 | -77.66 | -78.15 | 3.32 | 18.17 | H |
| | 24857 | -59.48 | -40 | -19.48 | -77.76 | -74.25 | 3.71 | 18.49 | H |
| | 28408 | -55.54 | -40 | -15.54 | -76.05 | -71.01 | 3.99 | 19.46 | H |
| | | | | | | | | | H |
| | 7102 | -48.25 | -40 | -8.25 | -46.63 | -57.95 | 1.84 | 11.55 | V |
| | 10653 | -42.88 | -40 | -2.88 | -45.08 | -51.35 | 2.23 | 10.71 | V |
| | 14204 | -47.19 | -40 | -7.19 | -55.8 | -56.82 | 2.65 | 12.28 | V |
| | 21306 | -63.07 | -40 | -23.07 | -77.13 | -77.92 | 3.32 | 18.17 | V |
| | 24857 | -59.68 | -40 | -19.68 | -77.64 | -74.45 | 3.71 | 18.49 | V |
| | 28408 | -56.44 | -40 | -16.44 | -76.53 | -71.91 | 3.99 | 19.46 | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle | 7152 | -53.59 | -40 | -13.59 | -51.86 | -63.17 | 1.84 | 11.42 | H |
| | 10728 | -46.46 | -40 | -6.46 | -49.22 | -54.90 | 2.23 | 10.66 | H |
| | 14303 | -47.39 | -40 | -7.39 | -56.21 | -56.97 | 2.64 | 12.22 | H |
| | 21457 | -61.55 | -40 | -21.55 | -76.38 | -76.54 | 3.36 | 18.35 | H |
| | 25033 | -59.62 | -40 | -19.62 | -77.9 | -74.35 | 3.71 | 18.44 | H |
| | 28610 | -56.03 | -40 | -16.03 | -76.73 | -71.42 | 3.99 | 19.38 | H |
| | | | | | | | | | H |
| | 7152 | -46.79 | -40 | -6.79 | -45.39 | -56.37 | 1.84 | 11.42 | V |
| | 10728 | -42.04 | -40 | -2.04 | -44.46 | -50.48 | 2.23 | 10.66 | V |
| | 14303 | -47.32 | -40 | -7.32 | -56.23 | -56.90 | 2.64 | 12.22 | V |
| | 21457 | -61.95 | -40 | -21.95 | -76.48 | -76.94 | 3.36 | 18.35 | V |
| | 25033 | -60.03 | -40 | -20.03 | -78 | -74.76 | 3.71 | 18.44 | V |
| | 28610 | -56.15 | -40 | -16.15 | -76.44 | -71.54 | 3.99 | 19.38 | V |
| | | | | | | | | | V |
| Highest | 7203 | -50.53 | -40 | -10.53 | -48.93 | -59.99 | 1.84 | 11.30 | H |
| | 10804 | -46.74 | -40 | -6.74 | -49.65 | -55.14 | 2.22 | 10.62 | H |
| | 14405 | -48.69 | -40 | -8.69 | -57.62 | -58.22 | 2.63 | 12.16 | H |
| | 18006 | -54.34 | -40 | -14.34 | -65.75 | -68.71 | 3.23 | 17.60 | H |
| | 21607 | -61.43 | -40 | -21.43 | -76.5 | -76.54 | 3.40 | 18.51 | H |
| | 25208 | -59.67 | -40 | -19.67 | -77.98 | -74.57 | 3.75 | 18.65 | H |
| | | | | | | | | | H |
| | 7203 | -46.62 | -40 | -6.62 | -45.41 | -56.08 | 1.84 | 11.30 | V |
| | 10804 | -43.24 | -40 | -3.24 | -45.88 | -51.64 | 2.22 | 10.62 | V |
| | 14405 | -45.99 | -40 | -5.99 | -55.23 | -55.52 | 2.63 | 12.16 | V |
| | 18006 | -55.93 | -40 | -15.93 | -67.03 | -70.30 | 3.23 | 17.60 | V |
| | 21607 | -61.92 | -40 | -21.92 | -76.67 | -77.03 | 3.40 | 18.51 | V |
| | 25208 | -60.09 | -40 | -20.09 | -78.1 | -74.99 | 3.75 | 18.65 | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 1 + Ant. 3>

5G NR n77 (SRS mode)

| 5G NR n77 (SRS mode) / 100MHz / PI/2 BPSK | | | | | | | | | |
|---|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 7102 | -54.53 | -40 | -14.53 | -52.66 | -64.23 | 1.84 | 11.55 | H |
| | 10653 | -45.67 | -40 | -5.67 | -48.28 | -54.14 | 2.23 | 10.71 | H |
| | 14204 | -49.10 | -40 | -9.10 | -57.83 | -58.73 | 2.65 | 12.28 | H |
| | 21306 | -62.50 | -40 | -22.50 | -76.86 | -77.35 | 3.32 | 18.17 | H |
| | 24857 | -59.57 | -40 | -19.57 | -77.85 | -74.34 | 3.71 | 18.49 | H |
| | 28408 | -56.13 | -40 | -16.13 | -76.64 | -71.60 | 3.99 | 19.46 | H |
| | | | | | | | | | H |
| | 7102 | -50.80 | -40 | -10.80 | -49.18 | -60.50 | 1.84 | 11.55 | V |
| | 10653 | -41.72 | -40 | -1.72 | -43.92 | -50.19 | 2.23 | 10.71 | V |
| | 14204 | -49.40 | -40 | -9.40 | -58.01 | -59.03 | 2.65 | 12.28 | V |
| | 21306 | -63.24 | -40 | -23.24 | -77.3 | -78.09 | 3.32 | 18.17 | V |
| | 24857 | -59.83 | -40 | -19.83 | -77.79 | -74.60 | 3.71 | 18.49 | V |
| | 28408 | -56.51 | -40 | -16.51 | -76.6 | -71.98 | 3.99 | 19.46 | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle | 7152 | -54.91 | -40 | -14.91 | -53.18 | -64.49 | 1.84 | 11.42 | H |
| | 10728 | -43.57 | -40 | -3.57 | -46.33 | -52.01 | 2.23 | 10.66 | H |
| | 14303 | -49.14 | -40 | -9.14 | -57.96 | -58.72 | 2.64 | 12.22 | H |
| | 21457 | -61.66 | -40 | -21.66 | -76.49 | -76.65 | 3.36 | 18.35 | H |
| | 25033 | -59.62 | -40 | -19.62 | -77.9 | -74.35 | 3.71 | 18.44 | H |
| | 28610 | -56.07 | -40 | -16.07 | -76.77 | -71.46 | 3.99 | 19.38 | H |
| | | | | | | | | | H |
| | 7152 | -49.77 | -40 | -9.77 | -48.37 | -59.35 | 1.84 | 11.42 | V |
| | 10728 | -41.81 | -40 | -1.81 | -44.23 | -50.25 | 2.23 | 10.66 | V |
| | 14303 | -47.55 | -40 | -7.55 | -56.46 | -57.13 | 2.64 | 12.22 | V |
| | 21457 | -61.84 | -40 | -21.84 | -76.37 | -76.83 | 3.36 | 18.35 | V |
| | 25033 | -60.34 | -40 | -20.34 | -78.31 | -75.07 | 3.71 | 18.44 | V |
| | 28610 | -56.09 | -40 | -16.09 | -76.38 | -71.48 | 3.99 | 19.38 | V |
| | | | | | | | | | V |
| Highest | 7203 | -55.95 | -40 | -15.95 | -54.35 | -65.41 | 1.84 | 11.30 | H |
| | 10804 | -47.26 | -40 | -7.26 | -50.17 | -55.66 | 2.22 | 10.62 | H |
| | 14405 | -48.94 | -40 | -8.94 | -57.87 | -58.47 | 2.63 | 12.16 | H |
| | 18006 | -56.31 | -40 | -16.31 | -67.72 | -70.68 | 3.23 | 17.60 | H |
| | 21607 | -61.63 | -40 | -21.63 | -76.7 | -76.74 | 3.40 | 18.51 | H |
| | 25208 | -59.73 | -40 | -19.73 | -78.04 | -74.63 | 3.75 | 18.65 | H |
| | | | | | | | | | H |
| | 7203 | -52.66 | -40 | -12.66 | -51.45 | -62.12 | 1.84 | 11.30 | V |
| | 10804 | -43.53 | -40 | -3.53 | -46.17 | -51.93 | 2.22 | 10.62 | V |
| | 14405 | -47.10 | -40 | -7.10 | -56.34 | -56.63 | 2.63 | 12.16 | V |
| | 18006 | -54.75 | -40 | -14.75 | -65.85 | -69.12 | 3.23 | 17.60 | V |
| | 21607 | -62.06 | -40 | -22.06 | -76.81 | -77.17 | 3.40 | 18.51 | V |
| | 25208 | -60.00 | -40 | -20.00 | -78.01 | -74.90 | 3.75 | 18.65 | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 2 + Ant.3>

5G NR n77 (SRS mode)

| 5G NR n77 (SRS mode) / 100MHz / PI/2 BPSK | | | | | | | | | |
|---|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 7102 | -51.82 | -40 | -11.82 | -49.95 | -61.52 | 1.84 | 11.55 | H |
| | 10653 | -44.71 | -40 | -4.71 | -47.32 | -53.18 | 2.23 | 10.71 | H |
| | 14204 | -49.36 | -40 | -9.36 | -58.09 | -58.99 | 2.65 | 12.28 | H |
| | 21306 | -62.72 | -40 | -22.72 | -77.08 | -77.57 | 3.32 | 18.17 | H |
| | 24857 | -59.24 | -40 | -19.24 | -77.52 | -74.01 | 3.71 | 18.49 | H |
| | 28408 | -55.90 | -40 | -15.90 | -76.41 | -71.37 | 3.99 | 19.46 | H |
| | | | | | | | | | H |
| | 7102 | -48.82 | -40 | -8.82 | -47.2 | -58.52 | 1.84 | 11.55 | V |
| | 10653 | -40.72 | -40 | -0.72 | -42.92 | -49.19 | 2.23 | 10.71 | V |
| | 14204 | -47.40 | -40 | -7.40 | -56.01 | -57.03 | 2.65 | 12.28 | V |
| | 21306 | -63.01 | -40 | -23.01 | -77.07 | -77.86 | 3.32 | 18.17 | V |
| | 24857 | -58.81 | -40 | -18.81 | -76.77 | -73.58 | 3.71 | 18.49 | V |
| | 28408 | -56.57 | -40 | -16.57 | -76.66 | -72.04 | 3.99 | 19.46 | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle | 7152 | -51.36 | -40 | -11.36 | -49.63 | -60.94 | 1.84 | 11.42 | H |
| | 10728 | -44.59 | -40 | -4.59 | -47.35 | -53.03 | 2.23 | 10.66 | H |
| | 14303 | -48.99 | -40 | -8.99 | -57.81 | -58.57 | 2.64 | 12.22 | H |
| | 21457 | -60.90 | -40 | -20.90 | -75.73 | -75.89 | 3.36 | 18.35 | H |
| | 25033 | -58.75 | -40 | -18.75 | -77.03 | -73.48 | 3.71 | 18.44 | H |
| | 28610 | -55.32 | -40 | -15.32 | -76.02 | -70.71 | 3.99 | 19.38 | H |
| | | | | | | | | | H |
| | 7152 | -47.33 | -40 | -7.33 | -45.93 | -56.91 | 1.84 | 11.42 | V |
| | 10728 | -41.56 | -40 | -1.56 | -43.98 | -50.00 | 2.23 | 10.66 | V |
| | 14303 | -45.71 | -40 | -5.71 | -54.62 | -55.29 | 2.64 | 12.22 | V |
| | 21457 | -60.89 | -40 | -20.89 | -75.42 | -75.88 | 3.36 | 18.35 | V |
| | 25033 | -58.74 | -40 | -18.74 | -76.71 | -73.47 | 3.71 | 18.44 | V |
| | 28610 | -55.48 | -40 | -15.48 | -75.77 | -70.87 | 3.99 | 19.38 | V |
| | | | | | | | | | V |
| Highest | 7203 | -54.32 | -40 | -14.32 | -52.72 | -63.78 | 1.84 | 11.30 | H |
| | 10804 | -45.19 | -40 | -5.19 | -48.1 | -53.59 | 2.22 | 10.62 | H |
| | 14405 | -48.38 | -40 | -8.38 | -57.31 | -57.91 | 2.63 | 12.16 | H |
| | 18006 | -60.59 | -40 | -20.59 | -72 | -74.96 | 3.23 | 17.60 | H |
| | 21607 | -61.40 | -40 | -21.40 | -76.47 | -76.51 | 3.40 | 18.51 | H |
| | 25208 | -59.22 | -40 | -19.22 | -77.53 | -74.12 | 3.75 | 18.65 | H |
| | | | | | | | | | H |
| | 7203 | -51.29 | -40 | -11.29 | -50.08 | -60.75 | 1.84 | 11.30 | V |
| | 10804 | -40.89 | -40 | -0.89 | -43.53 | -49.29 | 2.22 | 10.62 | V |
| | 14405 | -47.62 | -40 | -7.62 | -56.86 | -57.15 | 2.63 | 12.16 | V |
| | 18006 | -57.95 | -40 | -17.95 | -69.05 | -72.32 | 3.23 | 17.60 | V |
| | 21607 | -61.46 | -40 | -21.46 | -76.21 | -76.57 | 3.40 | 18.51 | V |
| | 25208 | -59.60 | -40 | -19.60 | -77.61 | -74.50 | 3.75 | 18.65 | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.