

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

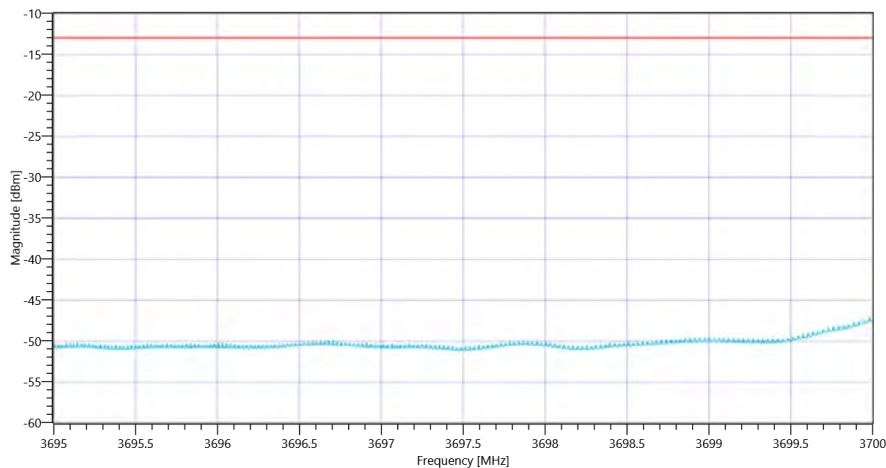
Test freq: low, UL[MHz]/CH 3715/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 9.31 0 25 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.300000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -44.32 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -45.49 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -45.74 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -45.61 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -45.76 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 23.06.2022 13:02:24 |
| Ambit Temp [°C] Humidity [rel%] | 26.8 55 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 20

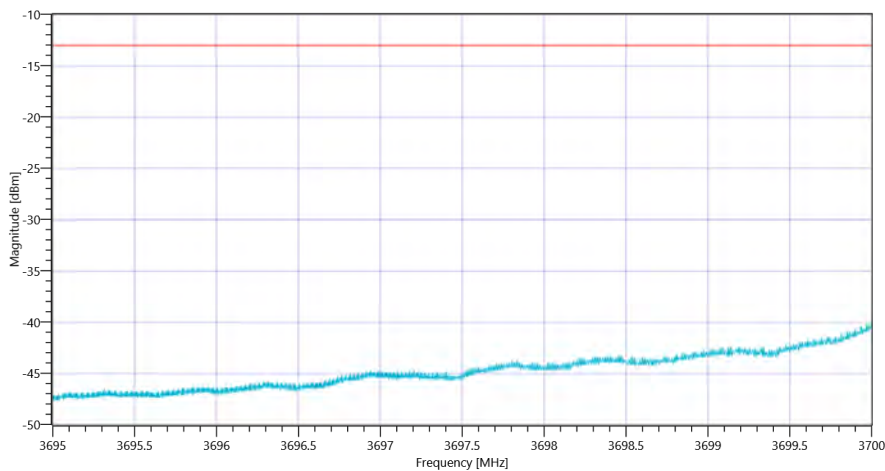
Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 13.24 0 30 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.200000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -35.53 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -37.09 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -38.16 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -39.32 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -40.27 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

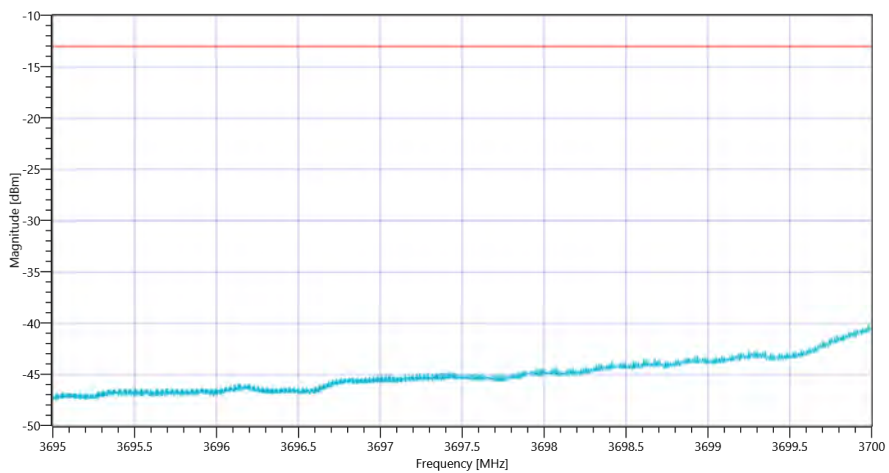
| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 14.67 0 30 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.200000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Frequency [MHz] 3700.5 | --- | -13 | -35.82 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -37.54 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -38.56 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -39.5 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -40.14 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

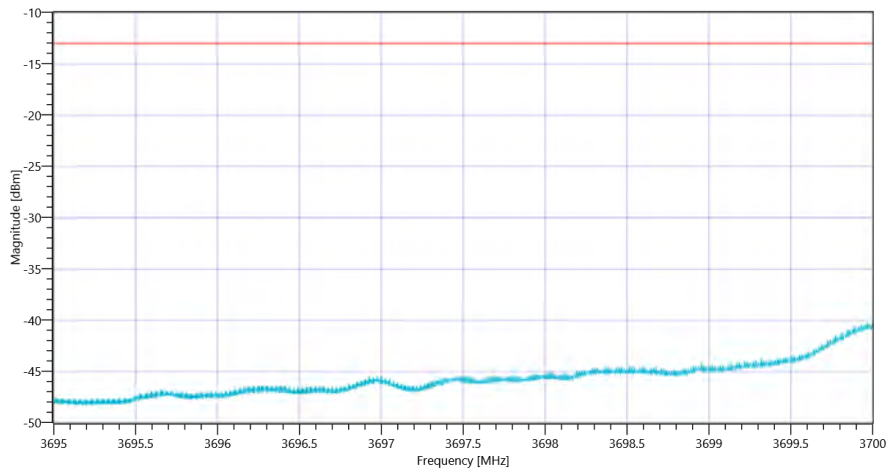
Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 13.87 0 30 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.200000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -36.38 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -38.41 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -39.31 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -40.01 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -40.9 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

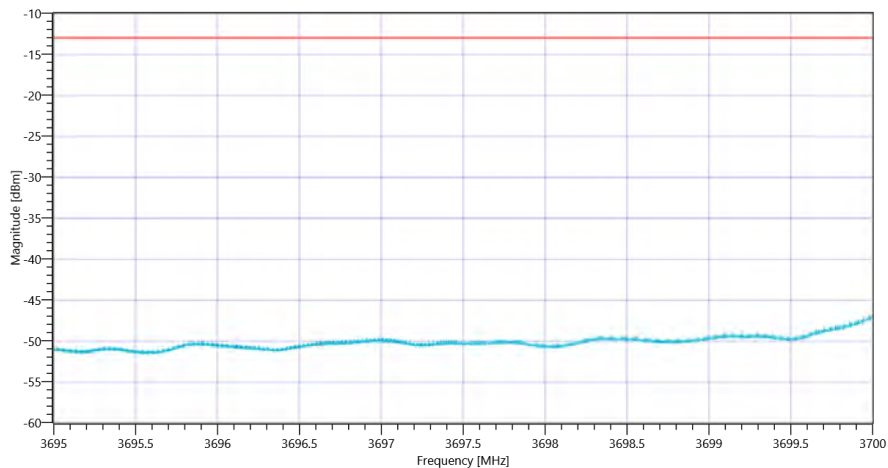
Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 10.89 0 30 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.200000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -42.27 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -43.31 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -43.56 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -43.8 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -44.27 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 23.06.2022 12:17:53 |
| Ambit Temp [°C] Humidity [rel%] | 26.7 55 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 10

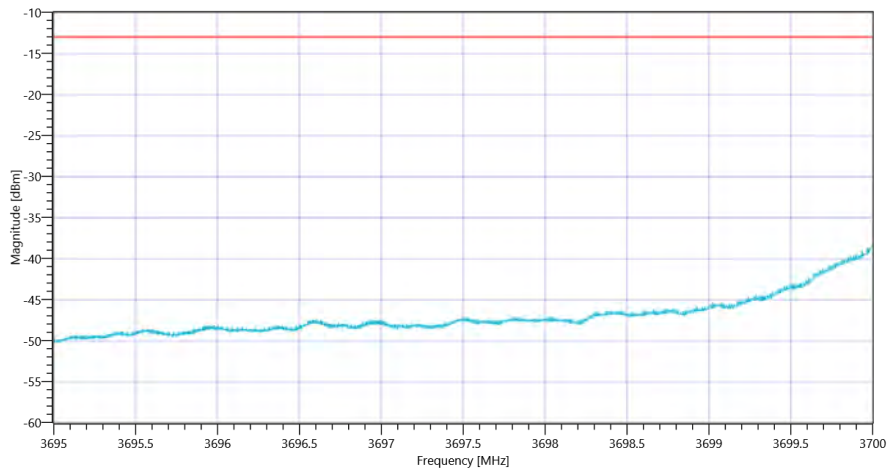
Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 15.85 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.100000 0.500000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -32.8 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -37.13 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -38.12 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -38.59 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -39.47 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

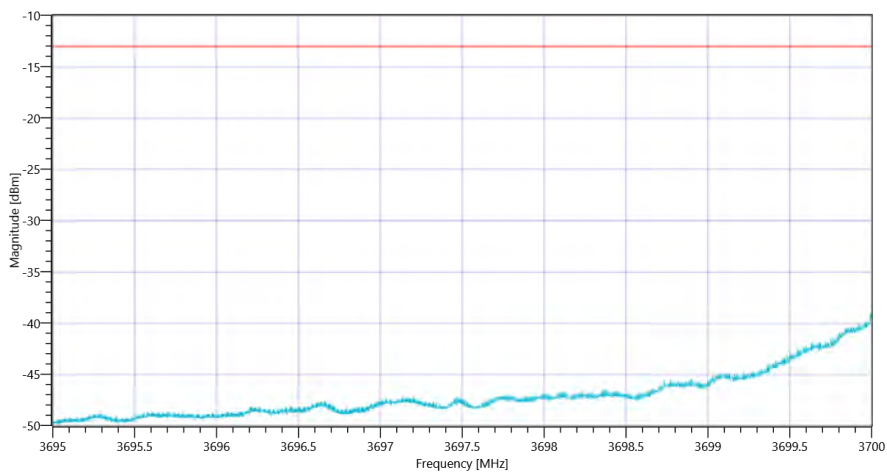
| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 17.28 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.100000 0.500000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Frequency [MHz] 3700.5 | --- | -13 | -33.18 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -37 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -37.96 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -38.77 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -39.49 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

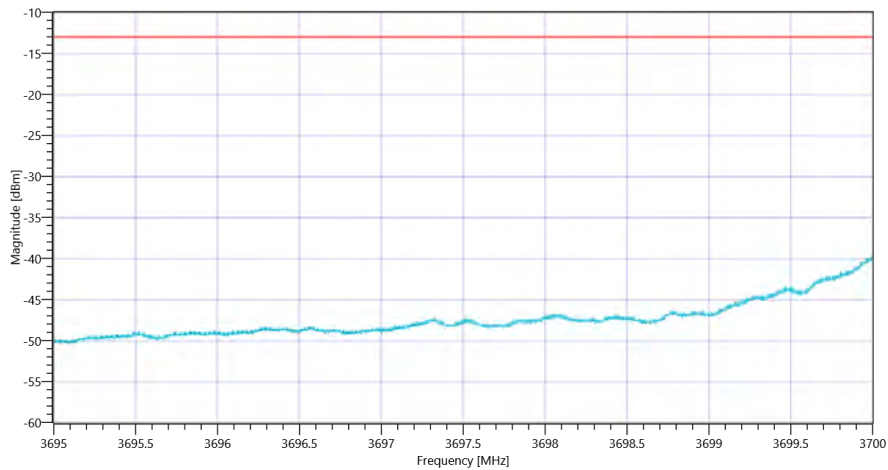
Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 17.37 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.100000 0.500000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -33.68 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -37.5 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -38.25 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -39.1 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -39.75 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

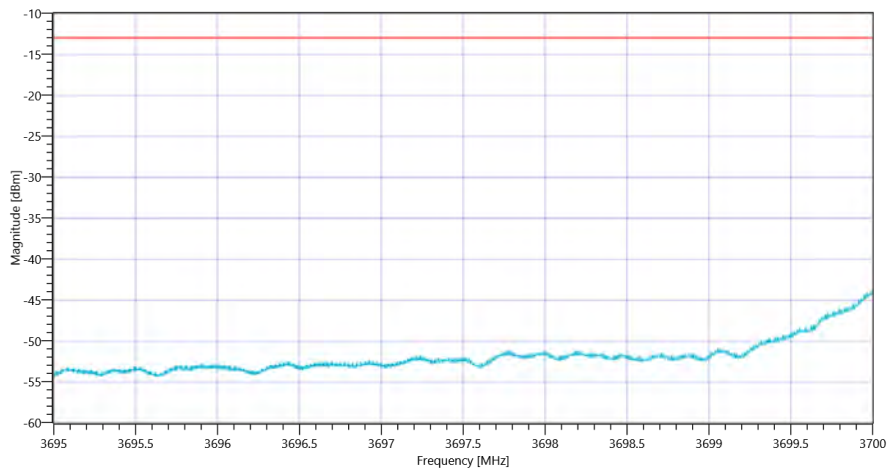
Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 14.00 0 30 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.100000 0.500000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -38.54 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -42.24 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -42.55 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -43.41 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -43.88 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 23.06.2022 11:42:17 |
| Ambit Temp [°C] Humidity [rel%] | 26.5 57 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | True |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 100

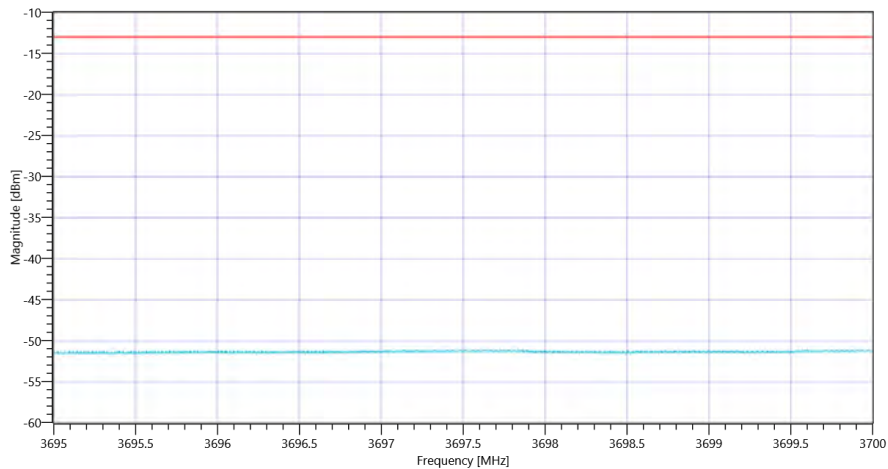
Test freq: mid, UL[MHz]/CH 3840/0, CBW [MHz]: 100, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 8.13 0 25 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -51.58 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -51.65 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -51.54 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -51.66 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -51.71 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

READ SA SETTINGS:

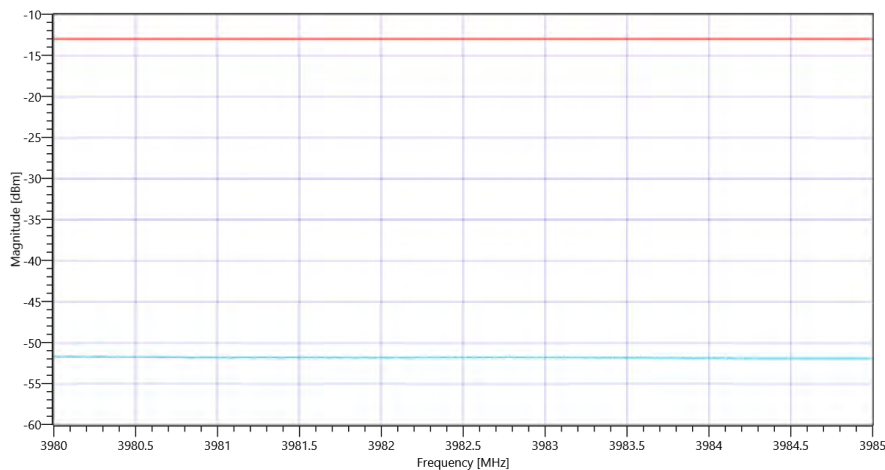
| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 8.13 0 25 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -52.01 | dBm | PASS |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Frequency [MHz] 3981.5 | --- | -13 | -52.08 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -52.07 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -52.11 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -52.16 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

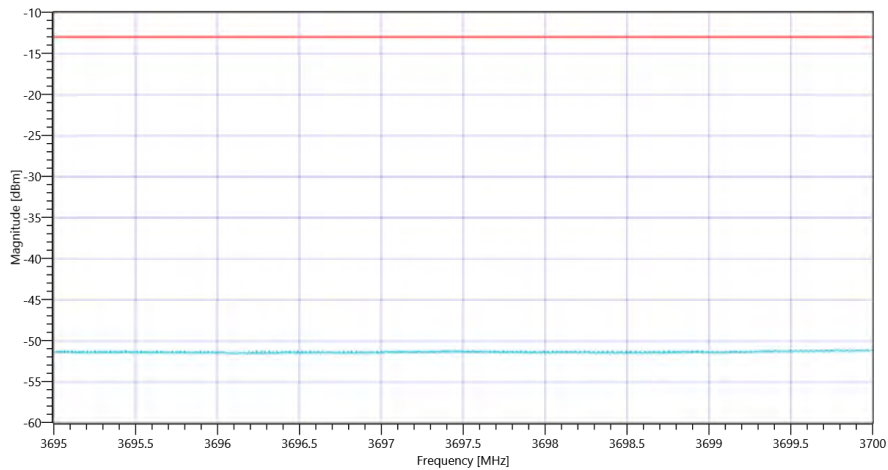
Test freq: mid, UL[MHz]/CH 3840/0, CBW [MHz]: 100, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 8.27 0 25 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -51.56 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -51.68 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -51.64 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -51.73 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -51.68 | dBm | PASS |



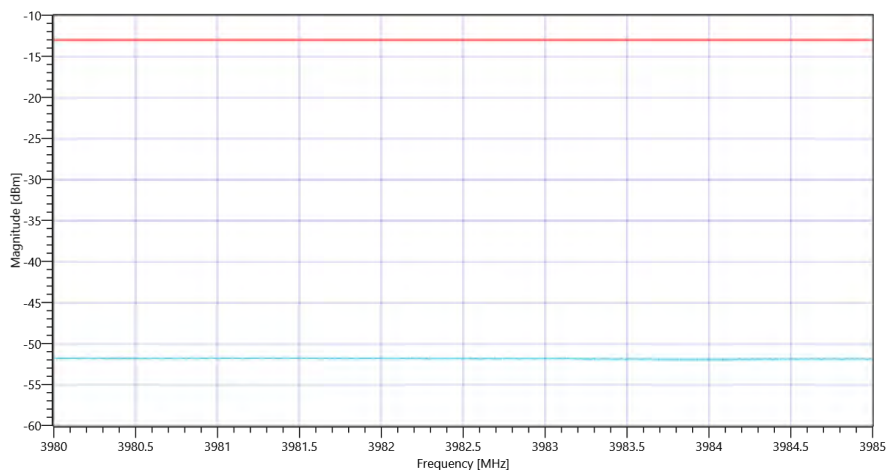
FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 8.27 0 25 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -52.06 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -52.05 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -52.08 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -52.13 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -52.14 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

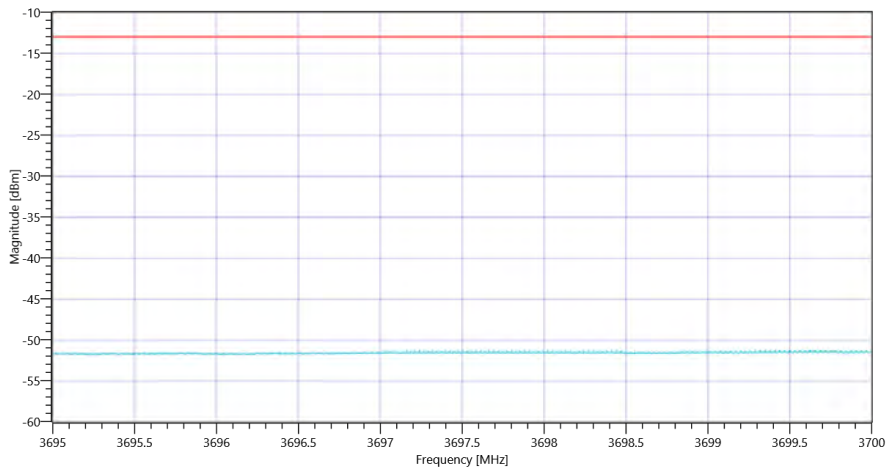
Test freq: mid, UL[MHz]/CH 3840/0, CBW [MHz]: 100, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 7.52 0 25 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -51.74 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -51.81 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -51.79 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -51.91 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -51.94 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

READ SA SETTINGS:

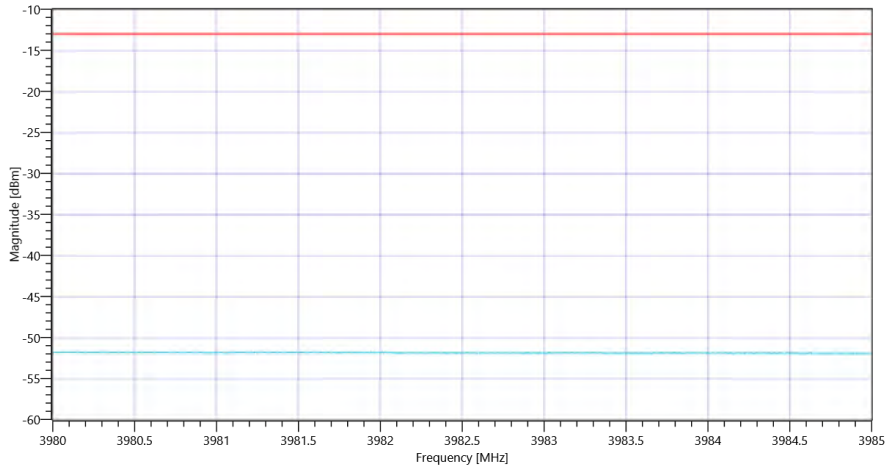
| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 7.52 0 25 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -52.07 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -52.07 | dBm | PASS |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Frequency [MHz] 3982.5 | --- | -13 | -52.12 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -52.13 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -52.15 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

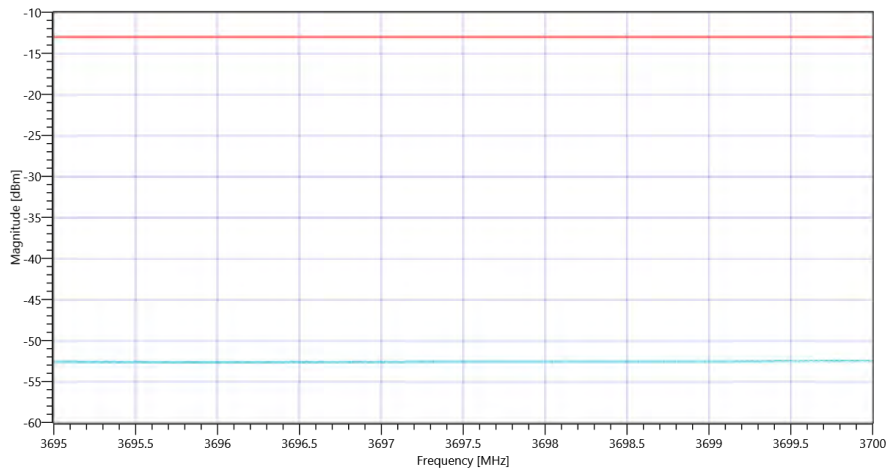
Test freq: mid, UL[MHz]/CH 3840/0, CBW [MHz]: 100, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 5.33 0 25 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -52.75 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -52.79 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -52.82 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -52.88 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -52.88 | dBm | PASS |



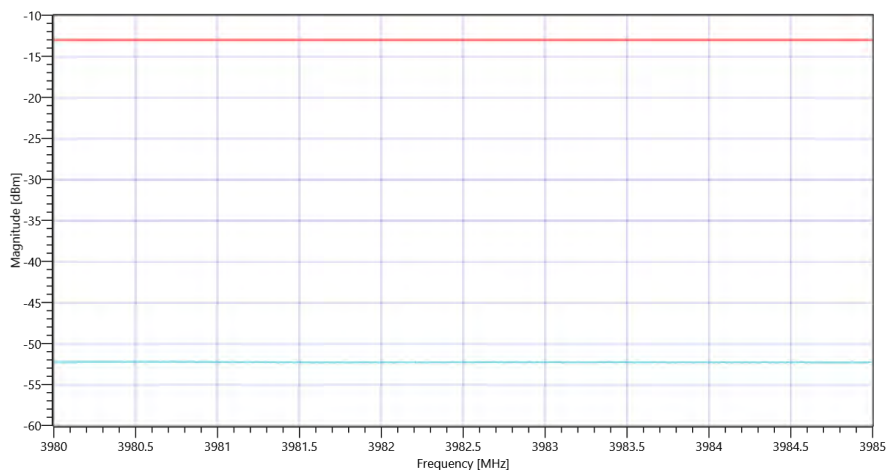
FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 5.33 0 25 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -52.46 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -52.52 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -52.52 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -52.52 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -52.54 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 20.06.2022 16:45:34 |
| Ambit Temp [°C] Humidity [rel%] | 26.4 52 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | True |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 100

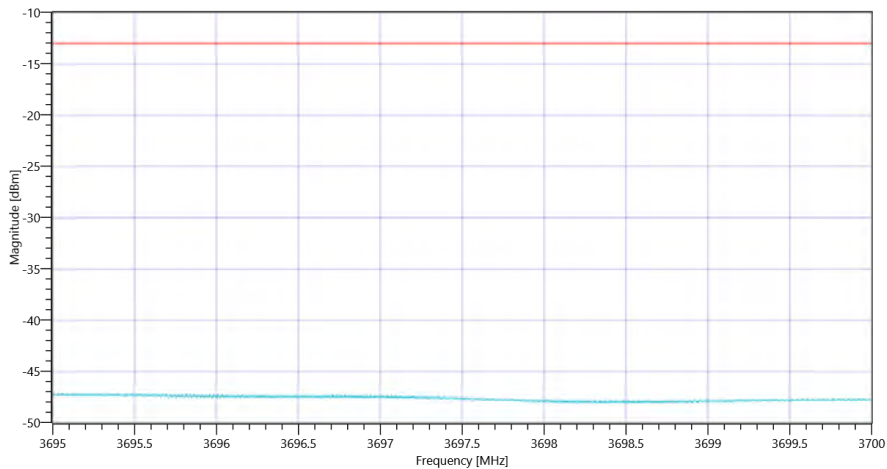
Test freq: mid, UL[MHz]/CH 3840/0, CBW [MHz]: 100, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 13.33 0 30 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -48.07 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -48.2 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -47.93 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -47.7 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -47.58 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

READ SA SETTINGS:

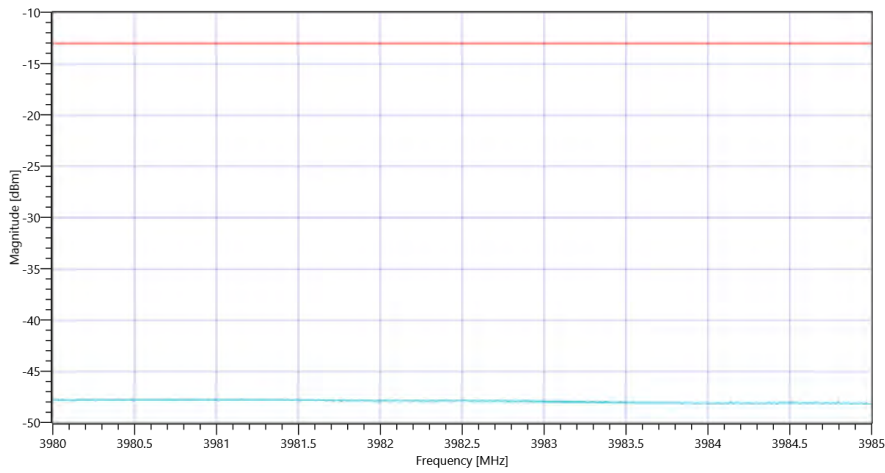
| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 13.33 0 30 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -48.04 | dBm | PASS |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Frequency [MHz] 3981.5 | --- | -13 | -48.06 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -48.14 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -48.29 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -48.35 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict **PASS**

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 20.06.2022 15:28:43 |
| Ambit Temp [°C] Humidity [rel%] | 25.6 56 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 90

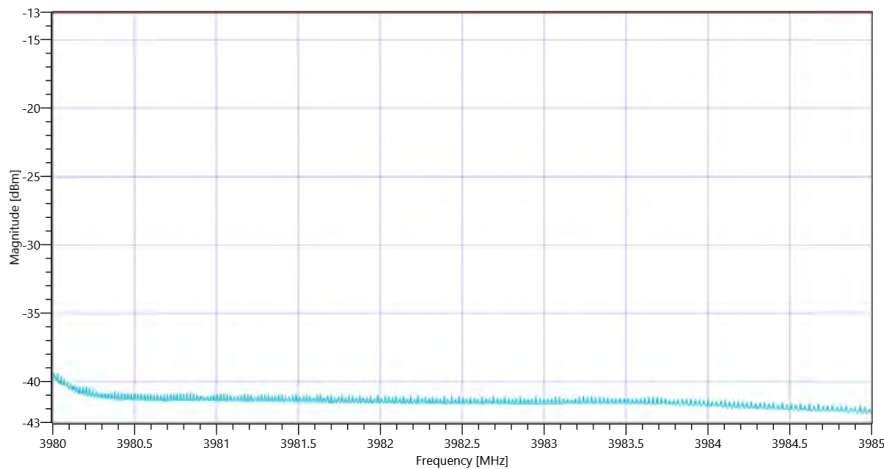
Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 13.60 0 30 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -41.25 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -41.59 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -41.73 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -41.77 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -42.18 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 20.06.2022 15:18:43 |
| Ambit Temp [°C] Humidity [rel%] | 25.5 56 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 80

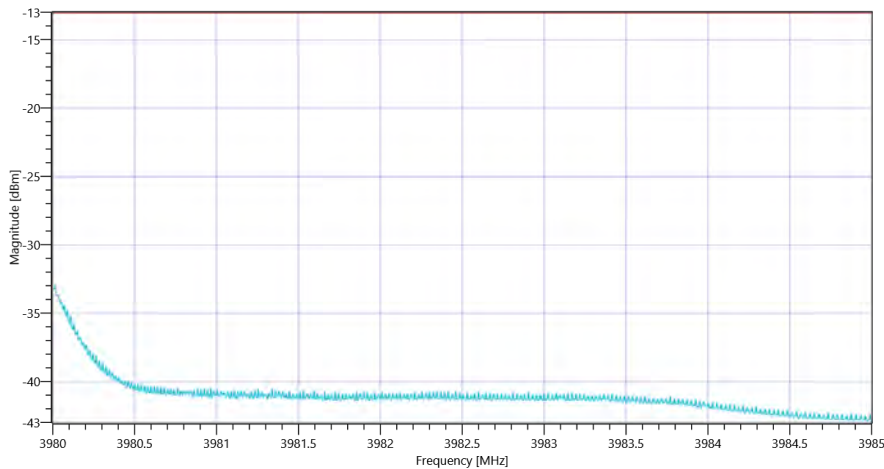
Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 13.95 0 30 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -38.86 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -41.33 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -41.41 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -41.63 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -42.63 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 20.06.2022 15:10:44 |
| Ambit Temp [°C] Humidity [rel%] | 25.4 57 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 70

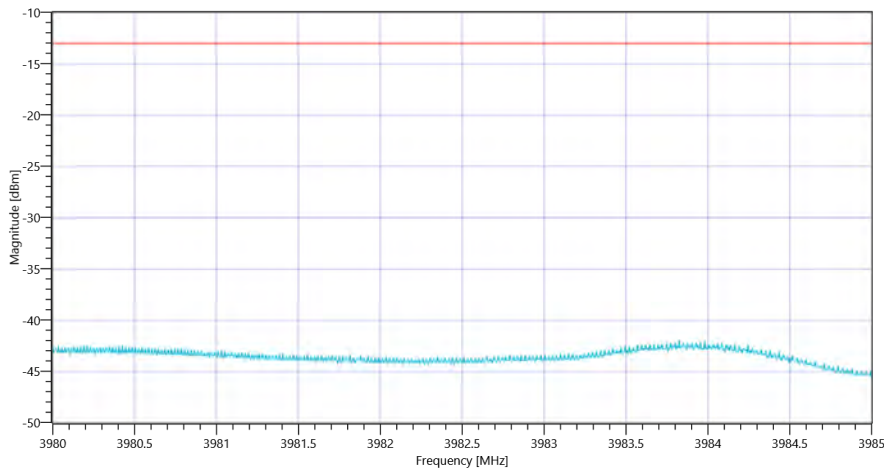
Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 14.57 0 30 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 0.500000 2.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -40.34 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -40.98 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -41.19 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -40.31 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -41.05 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 20.06.2022 15:02:14 |
| Ambit Temp [°C] Humidity [rel%] | 25.3 58 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 60

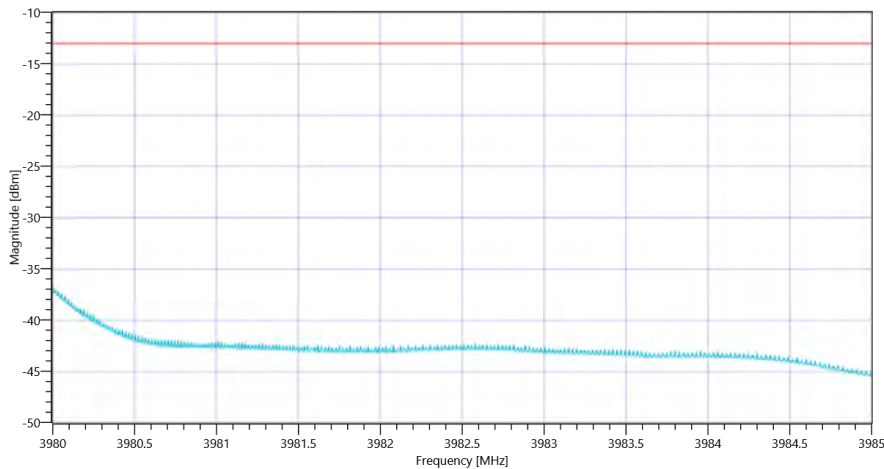
Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 14.77 0 30 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 0.500000 2.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -38.01 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -40.06 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -40.1 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -40.56 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -41.37 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 20.06.2022 14:52:39 |
| Ambit Temp [°C] Humidity [rel%] | 24.9 59 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 50

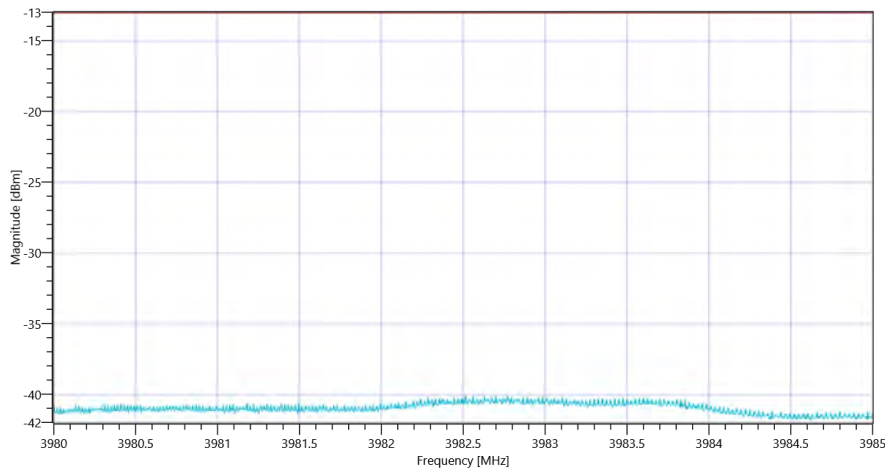
Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 15.96 0 35 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 0.500000 2.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -38.32 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -38.3 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -37.84 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -37.91 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -38.72 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 20.06.2022 14:44:44 |
| Ambit Temp [°C] Humidity [rel%] | 24.5 60 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 40

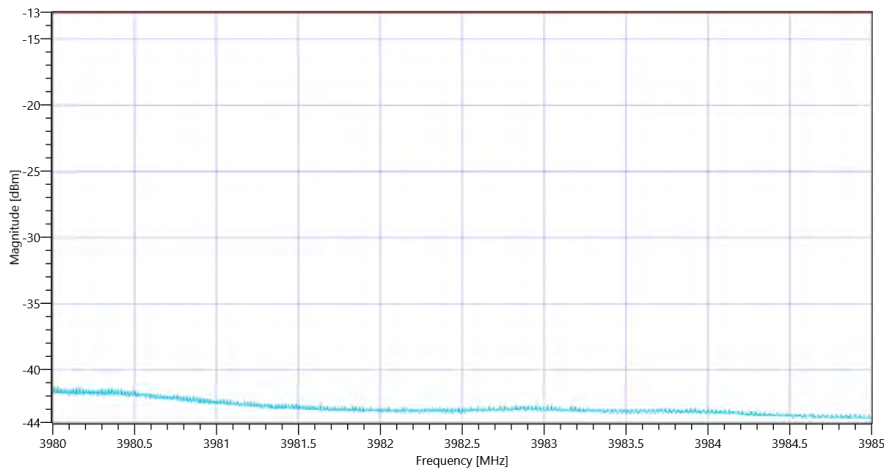
Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 17.04 0 35 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 0.500000 2.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -39.19 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -40.08 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -40.29 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -40.35 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -40.69 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 20.06.2022 14:36:38 |
| Ambit Temp [°C] Humidity [rel%] | 23.9 62 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 30

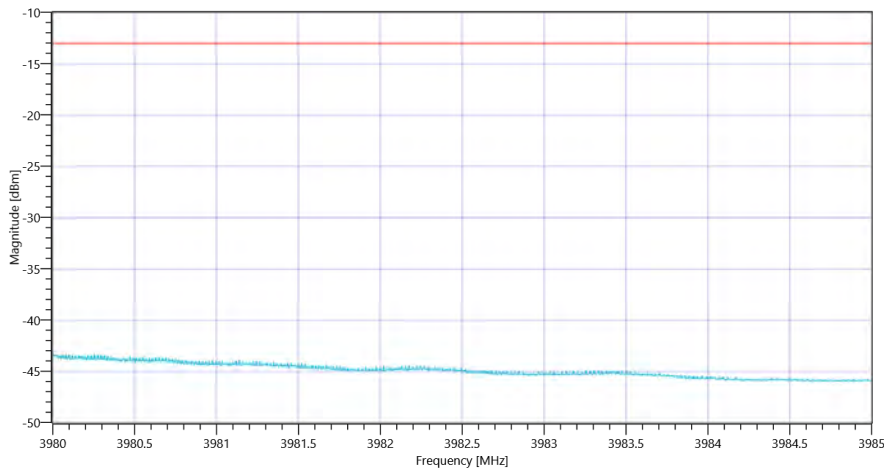
Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 18.74 0 35 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 0.300000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -38.92 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -39.57 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -40.01 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -40.35 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -40.87 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 16:09:09 |
| Ambit Temp [°C] Humidity [rel%] | 27.4 32 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 20

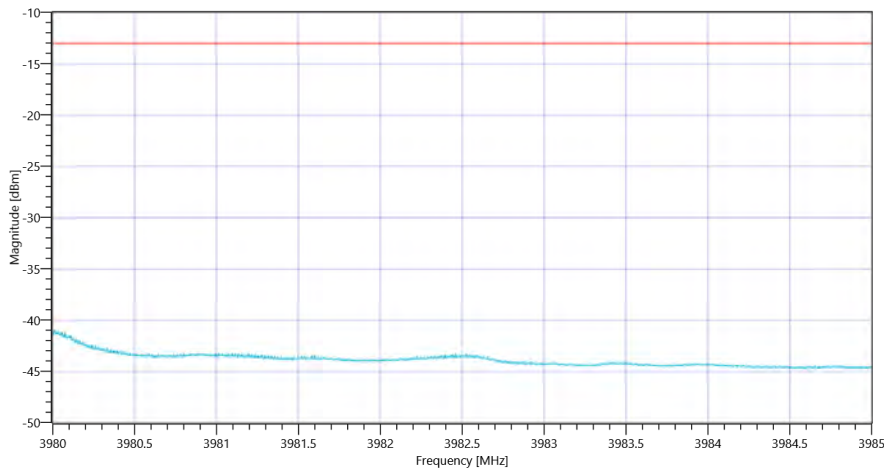
Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 20.64 0 40 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 0.200000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -36.19 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -36.98 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -37.11 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -37.62 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -37.83 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 15:57:56 |
| Ambit Temp [°C] Humidity [rel%] | 27.6 32 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 10

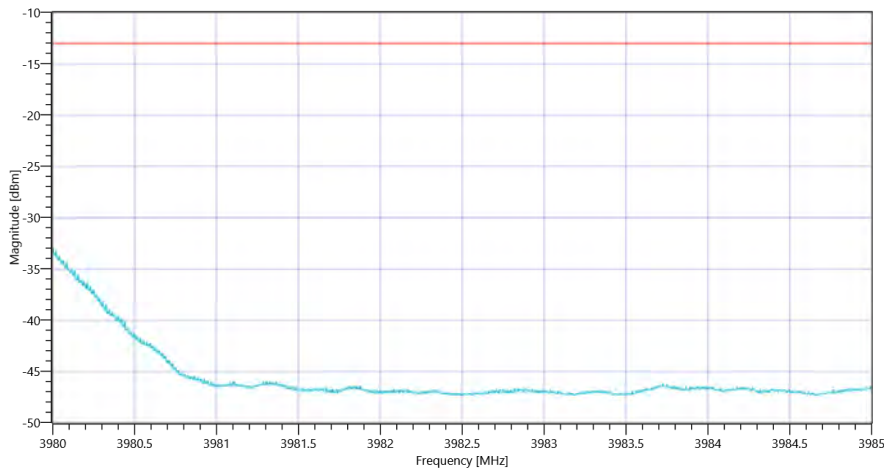
Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 22.66 0 40 |
| Start [MHz] Stop [MHz] | 3980.000 3985.000 |
| RBW [MHz] VBW [MHz] | 0.100000 0.500000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT upper band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3980.5 | --- | -13 | -29.4 | dBm | PASS |
| Frequency [MHz] 3981.5 | --- | -13 | -36.86 | dBm | PASS |
| Frequency [MHz] 3982.5 | --- | -13 | -37.27 | dBm | PASS |
| Frequency [MHz] 3983.5 | --- | -13 | -37.17 | dBm | PASS |
| Frequency [MHz] 3984.5 | --- | -13 | -37.15 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 15:50:10 |
| Ambit Temp [°C] Humidity [rel%] | 27.7 32 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 90

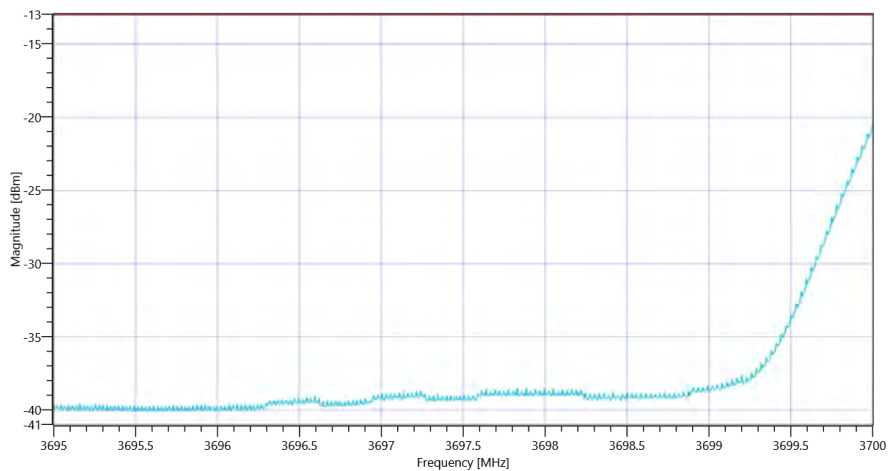
Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 15.42 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -28.58 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -39.25 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -39.3 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -39.85 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -40.17 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 15:41:47 |
| Ambit Temp [°C] Humidity [rel%] | 27.7 31 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 80

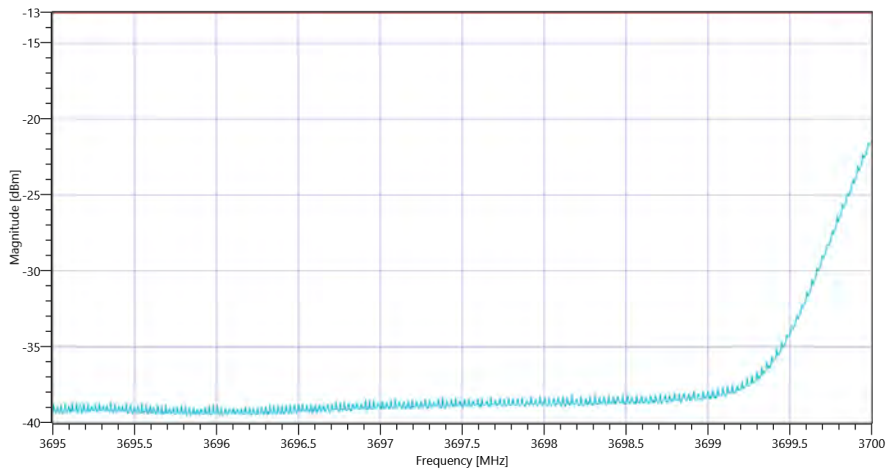
Test freq: low, UL[MHz]/CH 3740/0, CBW [MHz]: 80, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 14.01 0 30 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -29.18 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -38.81 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -39.05 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -39.41 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -39.45 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 15:34:18 |
| Ambit Temp [°C] Humidity [rel%] | 27.6 32 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 70

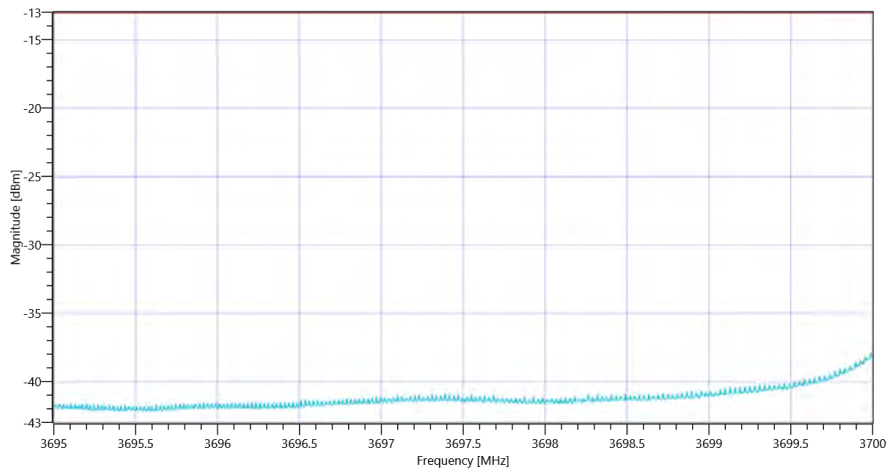
Test freq: low, UL[MHz]/CH 3735/0, CBW [MHz]: 70, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 15.23 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.500000 2.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -37.26 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -38.49 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -38.6 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -38.93 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -39.17 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 15:26:57 |
| Ambit Temp [°C] Humidity [rel%] | 27.6 31 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 60

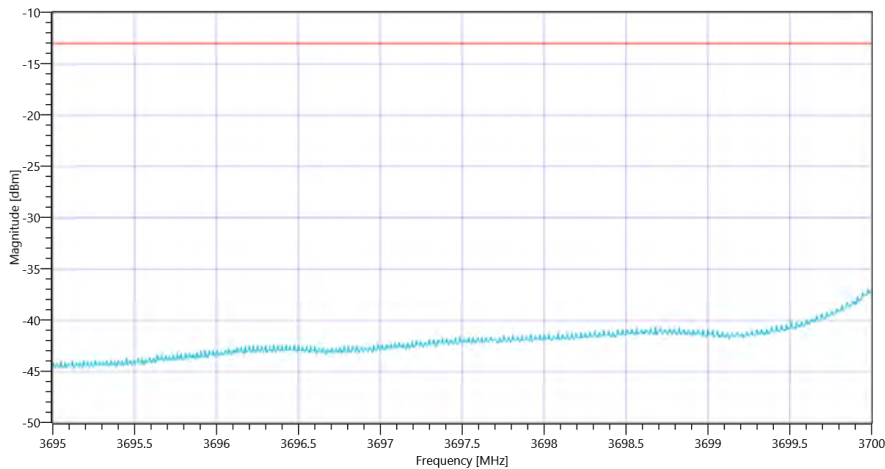
Test freq: low, UL[MHz]/CH 3730/0, CBW [MHz]: 60, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 14.98 0 30 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.500000 2.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -37.31 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -38.62 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -39.39 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -40.2 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -41.25 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 15:19:26 |
| Ambit Temp [°C] Humidity [rel%] | 27.6 32 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 50

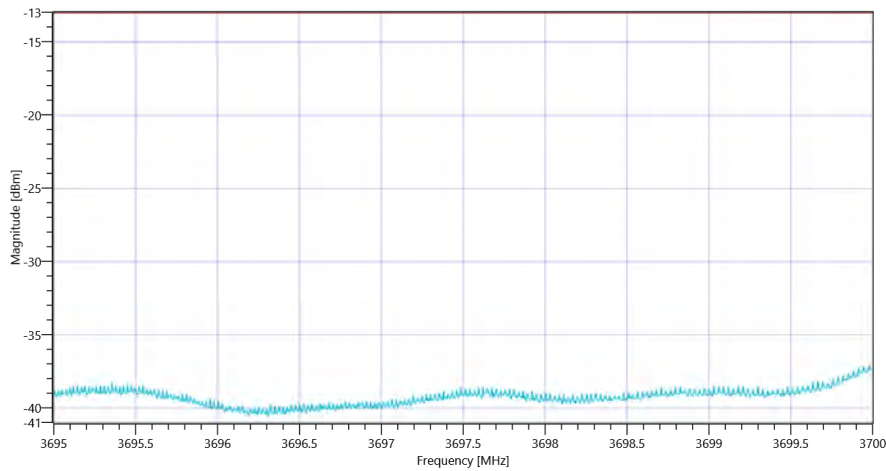
Test freq: low, UL[MHz]/CH 3725/0, CBW [MHz]: 50, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 15.43 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.500000 2.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -35.83 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -36.47 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -36.53 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -37.29 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -36.34 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 15:11:30 |
| Ambit Temp [°C] Humidity [rel%] | 27.5 32 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 40

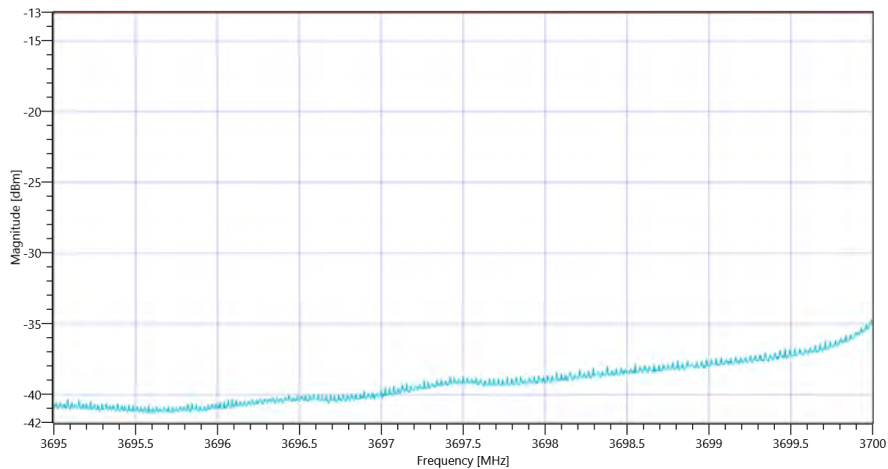
Test freq: low, UL[MHz]/CH 3720/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 16.91 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.500000 2.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -34.15 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -35.66 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -36.57 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -37.65 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -38.24 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 15:03:33 |
| Ambit Temp [°C] Humidity [rel%] | 27.5 32 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 30

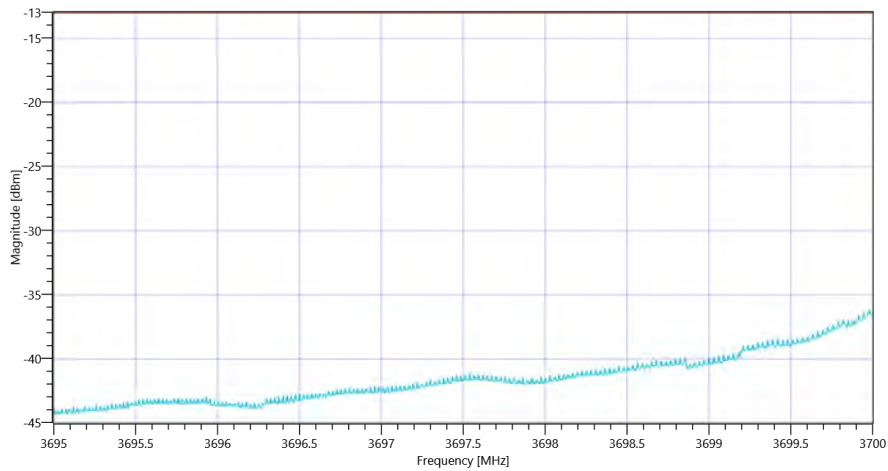
Test freq: low, UL[MHz]/CH 3715/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 18.30 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.300000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -33.49 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -35.92 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -36.94 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -38.13 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -38.71 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 14:47:00 |
| Ambit Temp [°C] Humidity [rel%] | 27.4 33 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 20

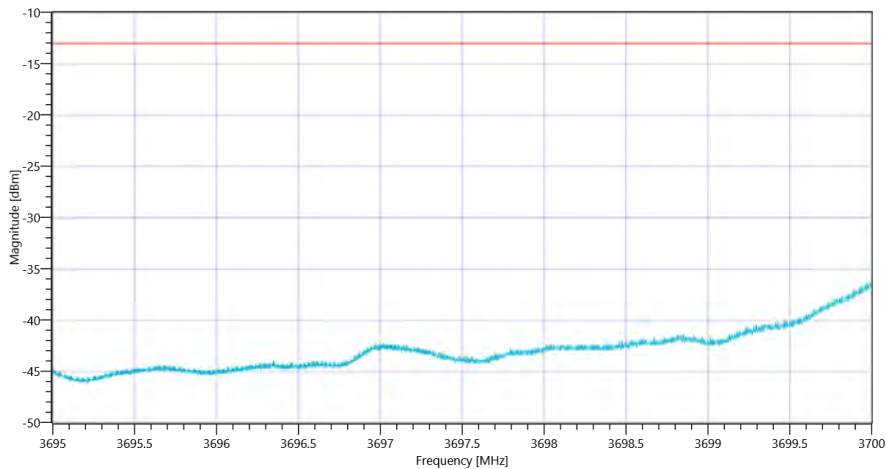
Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 18.60 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.200000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -32.87 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -35.65 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -36.57 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -37.52 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -38.44 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 14:39:38 |
| Ambit Temp [°C] Humidity [rel%] | 27.4 32 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 10

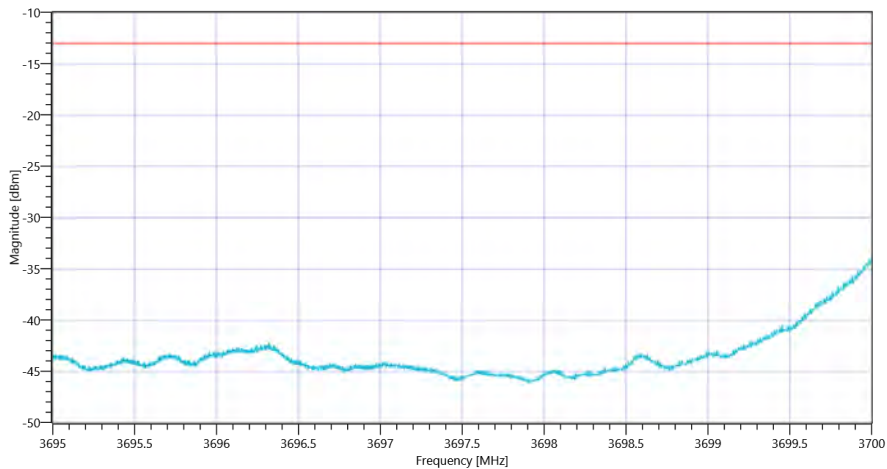
Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 22.69 0 40 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.100000 0.500000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -29.36 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -34.83 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -35.43 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -34.06 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -34.33 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 14:26:22 |
| Ambit Temp [°C] Humidity [rel%] | 27.6 33 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 20

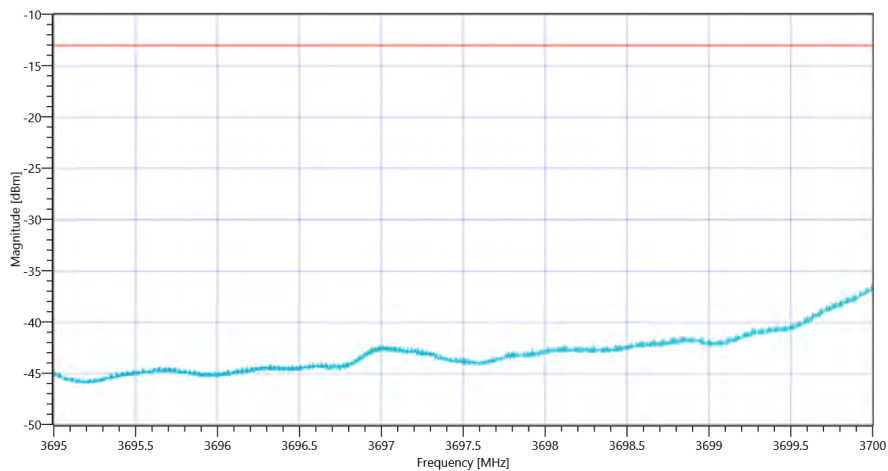
Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 18.60 0 35 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.200000 1.000000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -32.96 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -35.63 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -36.56 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -37.53 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -38.43 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 17.06.2022 14:17:50 |
| Ambit Temp [°C] Humidity [rel%] | 27.7 33 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | DFTOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 10

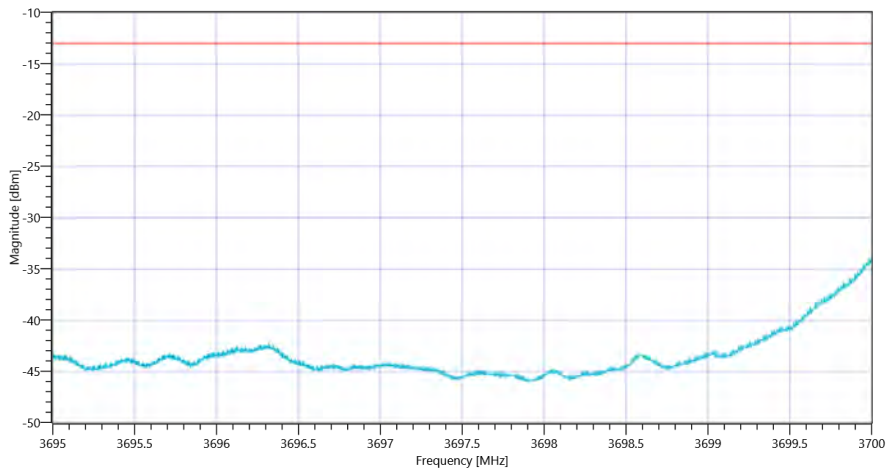
Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

| | |
|--|------------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 21.95 0 40 |
| Start [MHz] Stop [MHz] | 3695.000 3700.000 |
| RBW [MHz] VBW [MHz] | 0.100000 0.500000 |
| Detector TraceMode | RMS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 30000 1 1001 SWE |

RESULT lower band

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|---------------------------|-------------|-------------|----------|------|---------|
| Band power 1MHz | | | | | |
| Frequency [MHz] 3700.5 | --- | -13 | -29.33 | dBm | PASS |
| Frequency [MHz] 3701.5 | --- | -13 | -34.82 | dBm | PASS |
| Frequency [MHz] 3702.5 | --- | -13 | -35.39 | dBm | PASS |
| Frequency [MHz] 3703.5 | --- | -13 | -34.06 | dBm | PASS |
| Frequency [MHz] 3704.5 | --- | -13 | -34.32 | dBm | PASS |



FCC, ISED # Block edge conducted ~ NR Band_77_B Ant-1 SCS-30

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 14:12:33 |
| Ambit Temp [°C] Humidity [rel%] | 24.4 54 |
| System Version | 3.2.0.2 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 40

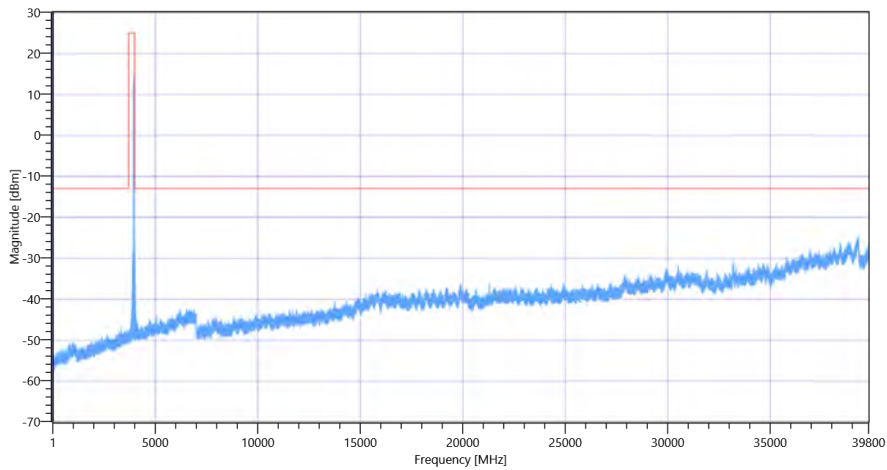
Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

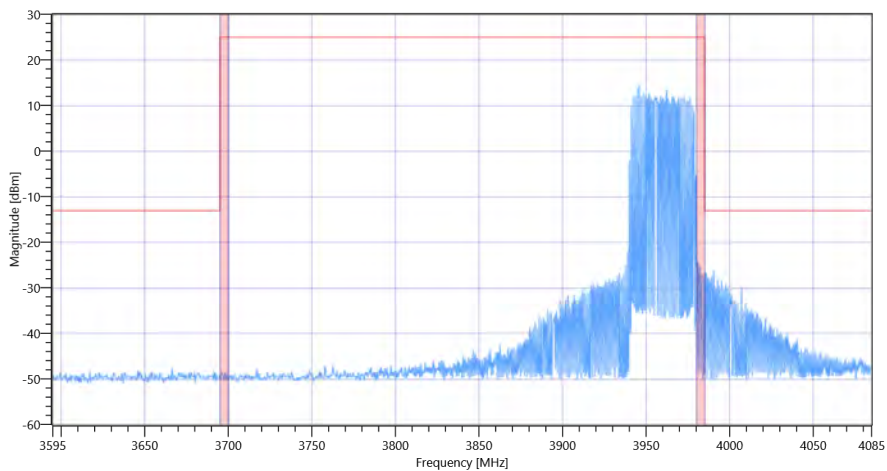
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 2.63 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3960 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3960

Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

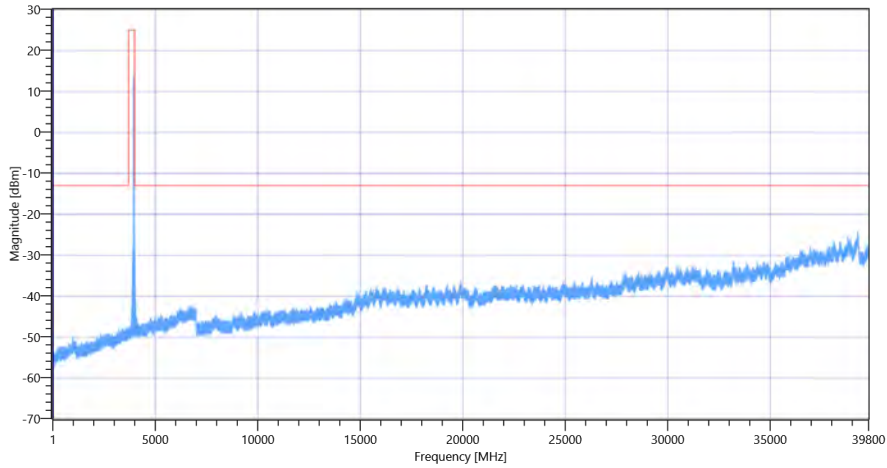
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 2.39 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

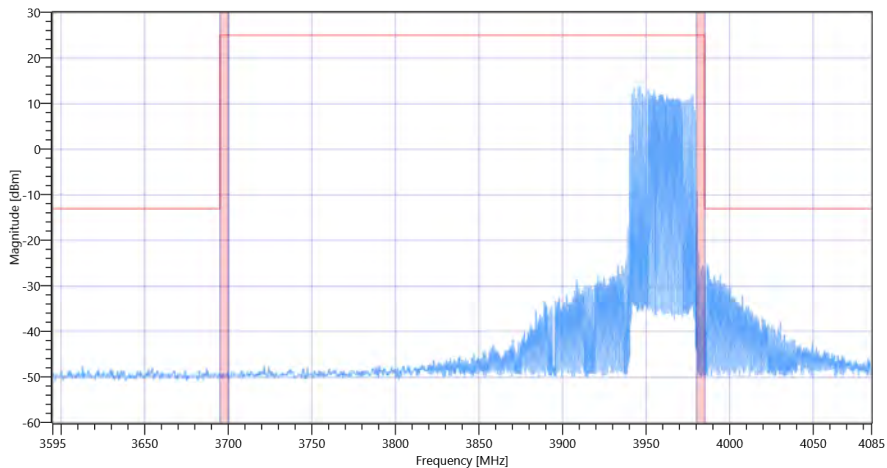
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3960 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3960

Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

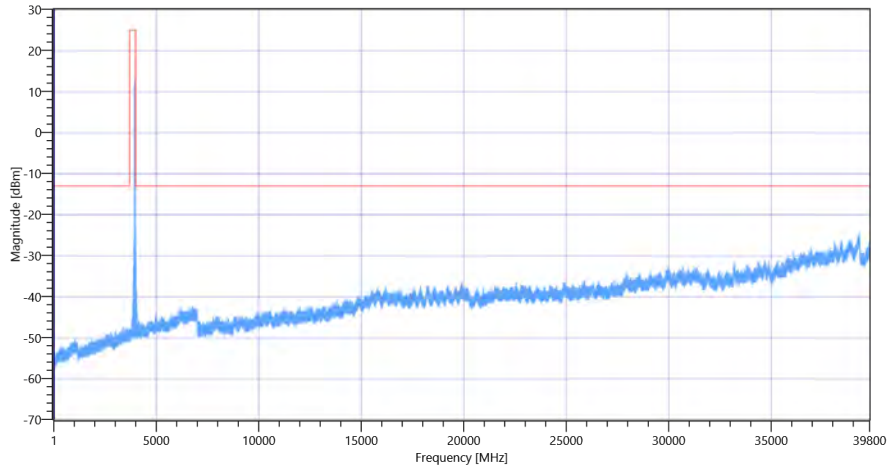
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 1.29 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

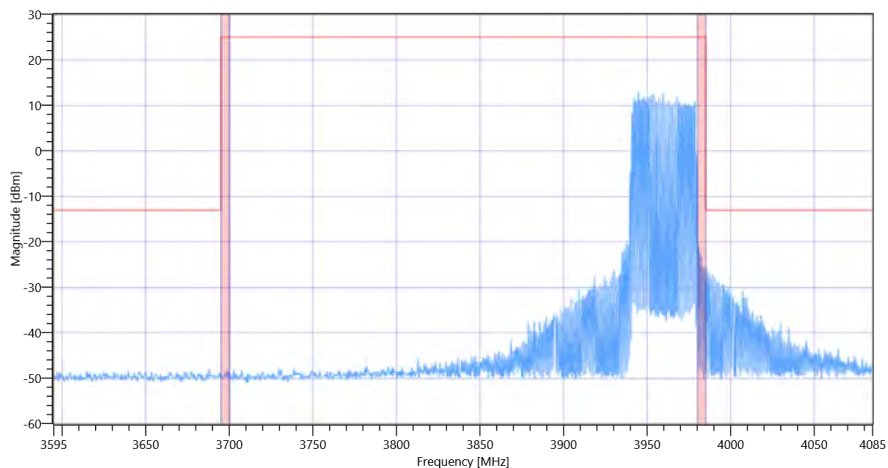
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3960 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3960

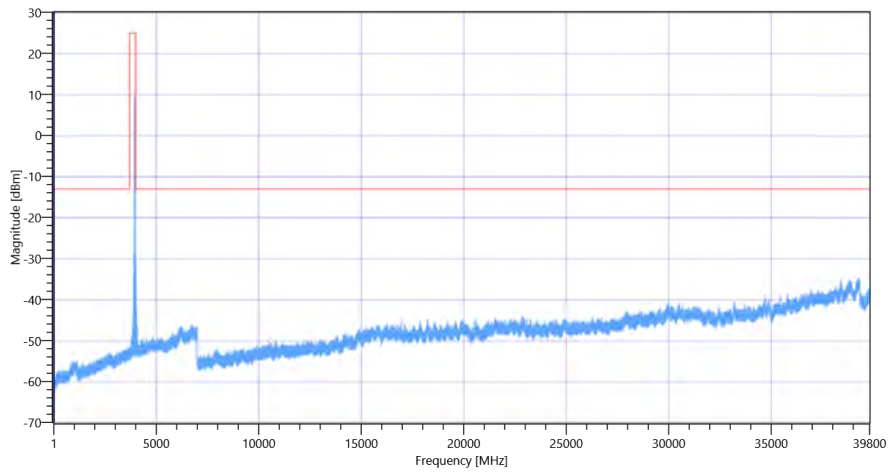
Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

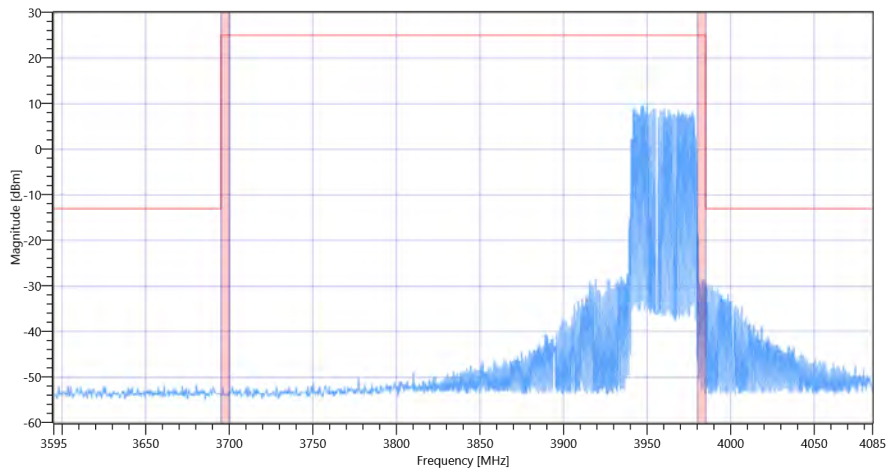
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.87 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3960 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3960

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 13:28:01 |
| Ambit Temp [°C] Humidity [rel%] | 24.1 55 |
| System Version | 3.2.0.2 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 50

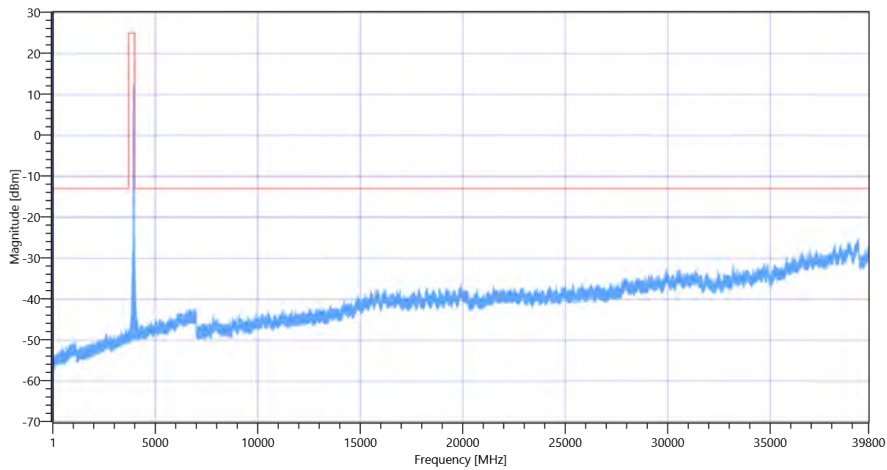
Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

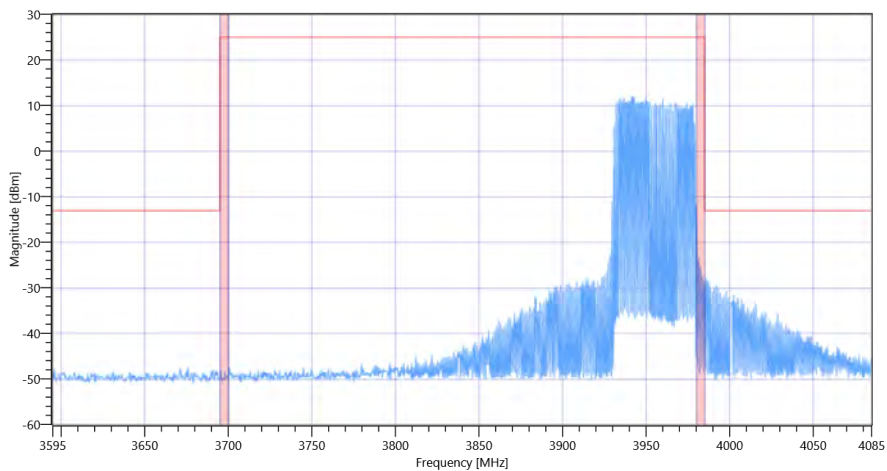
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 0.08 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3955 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3955

Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

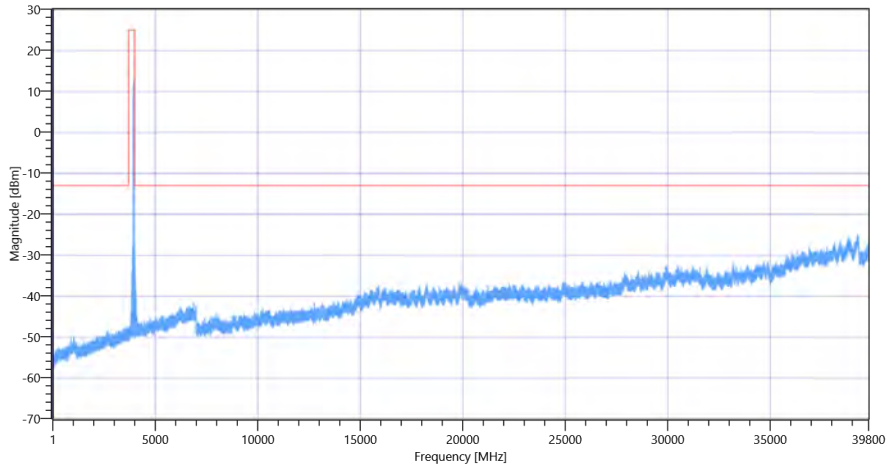
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 0.85 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

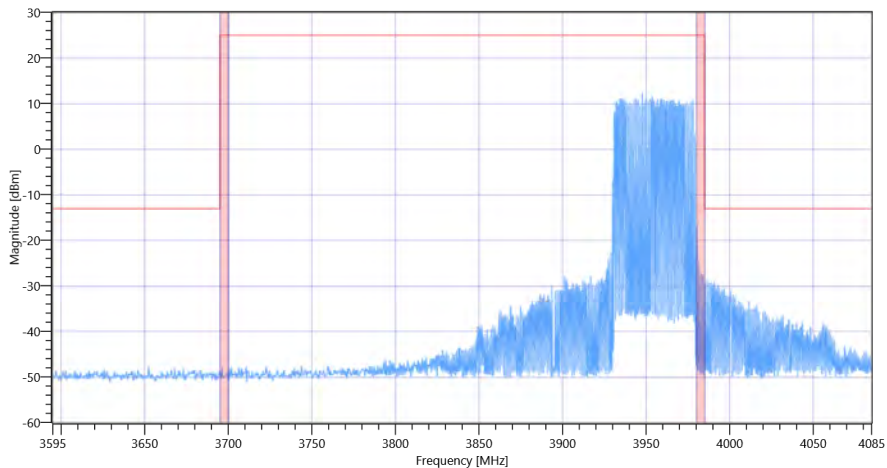
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3955 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3955

Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

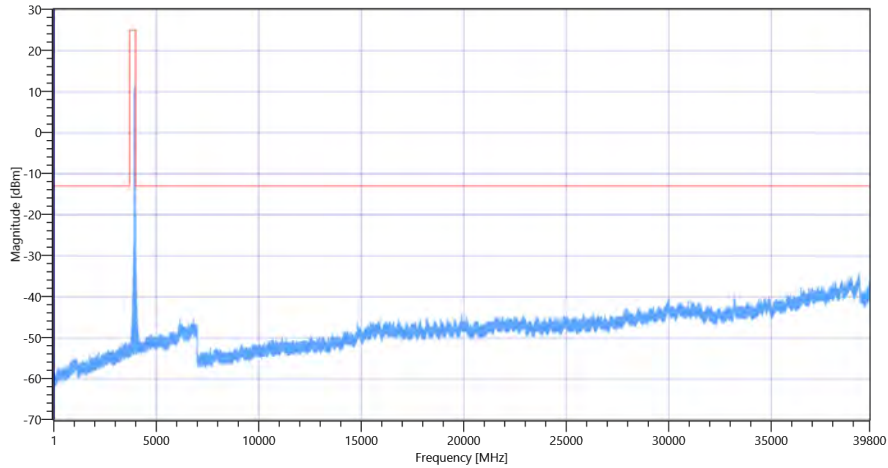
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -0.08 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 64QAM

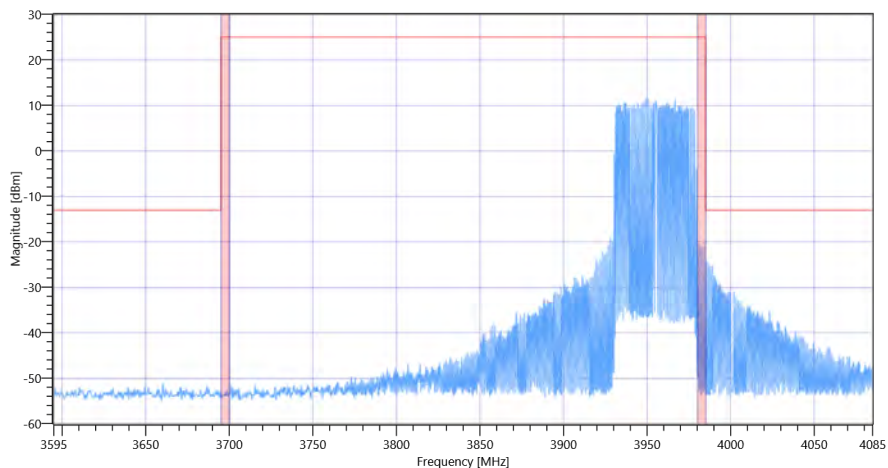
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3955 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3955

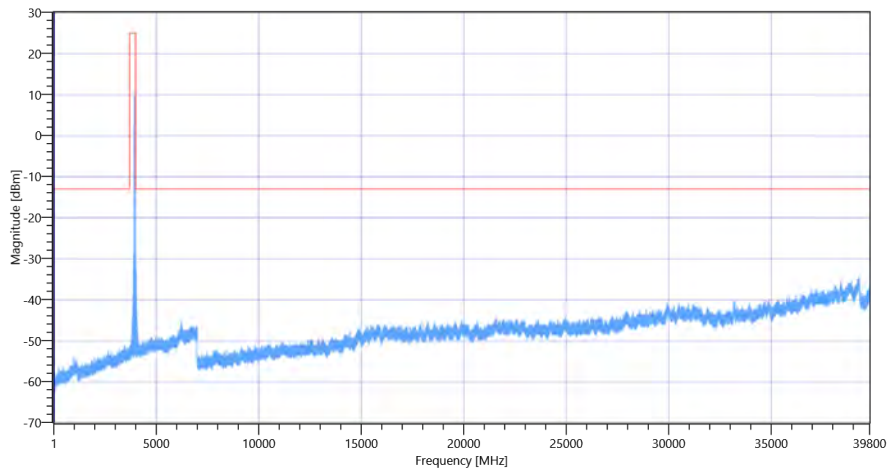
Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

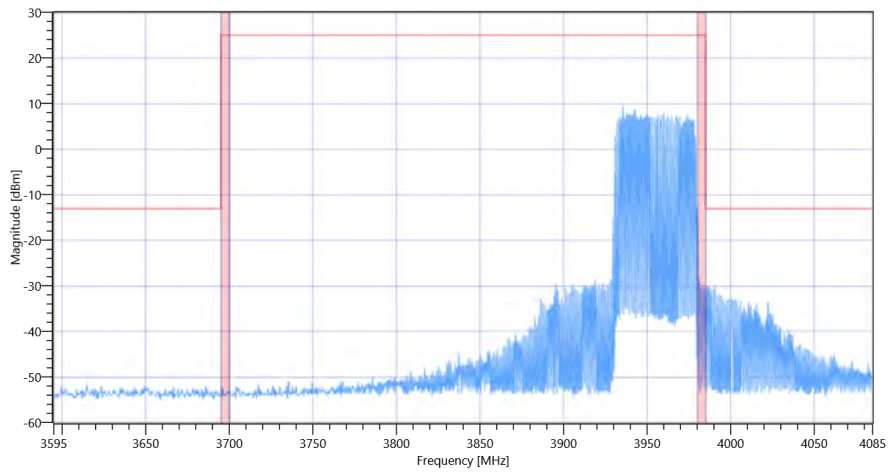
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.50 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3955 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3955

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 12:56:40 |
| Ambit Temp [°C] Humidity [rel%] | 23.8 56 |
| System Version | 3.2.0.2 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 60

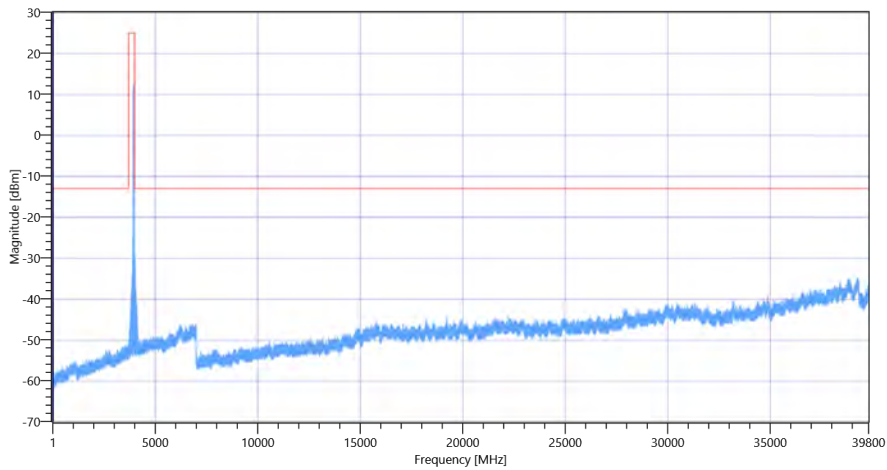
Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

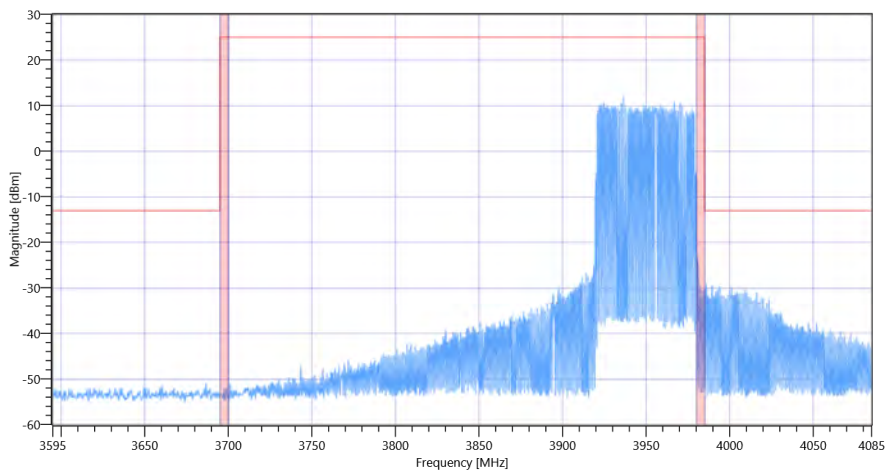
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -0.78 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3950 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3950

Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

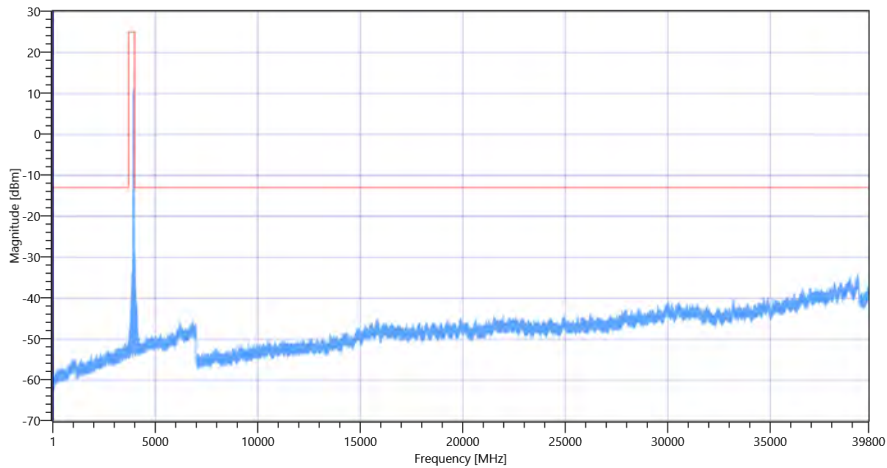
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -0.57 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

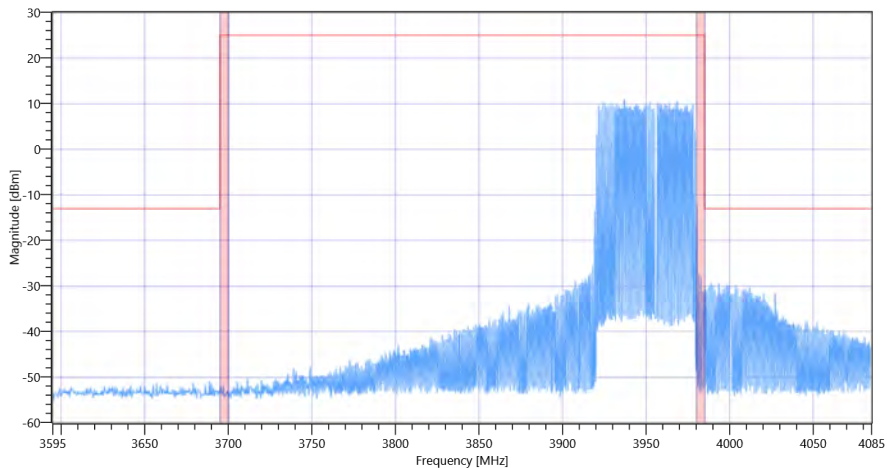
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3950 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3950

Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

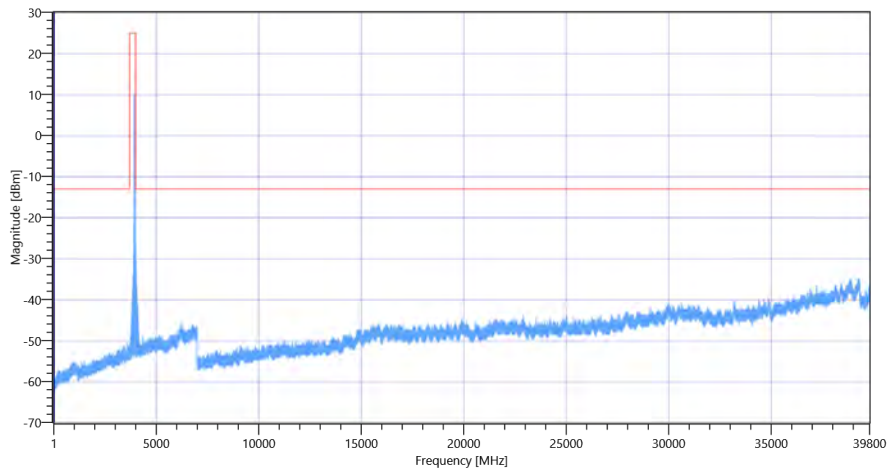
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] -1.53 | 0 | 15
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

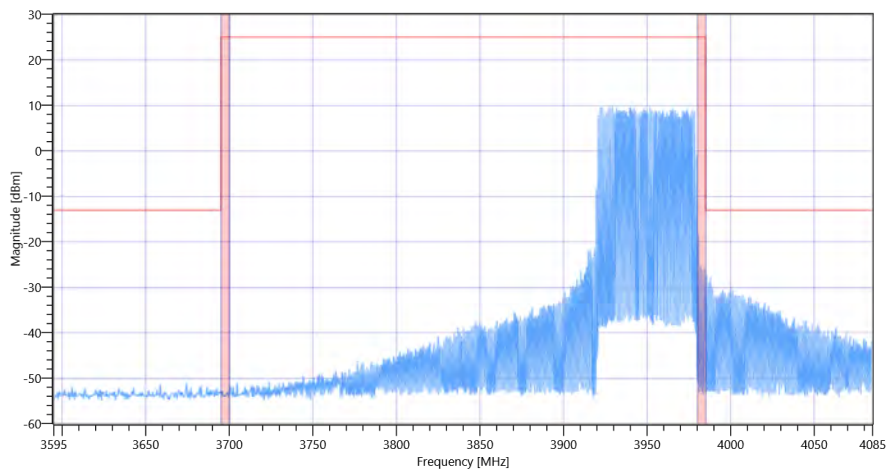
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3950 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3950

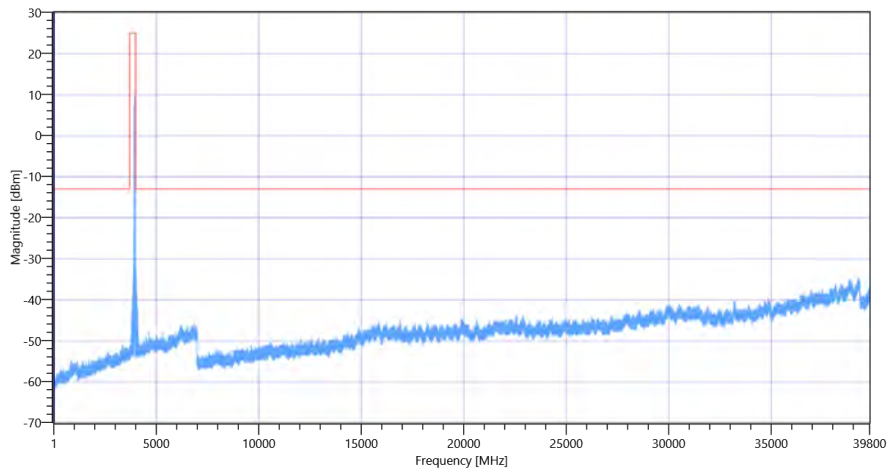
Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

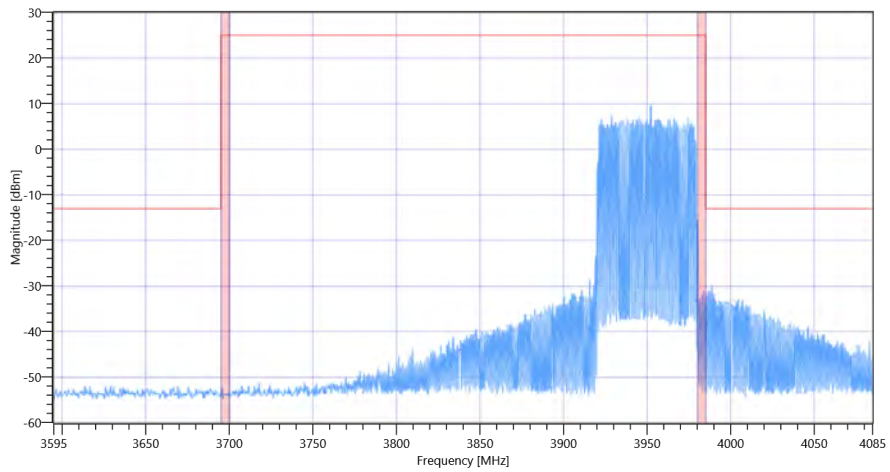
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.11 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3950 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3950

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 11:02:01 |
| Ambit Temp [°C] Humidity [rel%] | 23.7 57 |
| System Version | 3.2.0.2 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 70

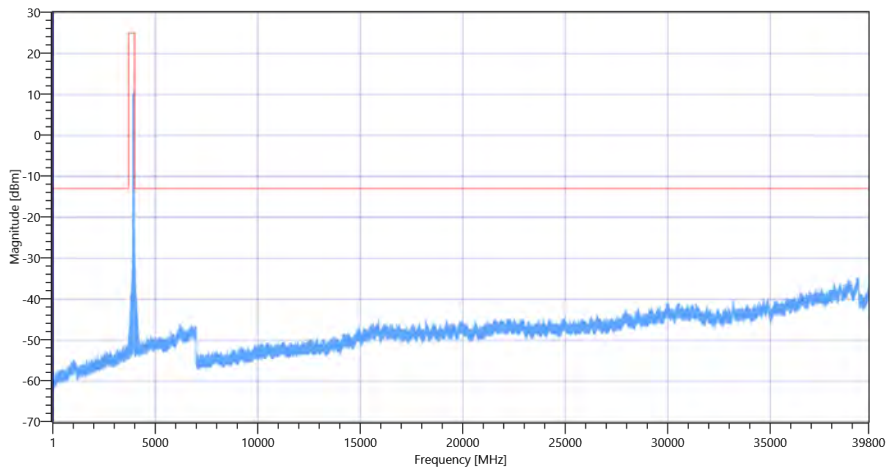
Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

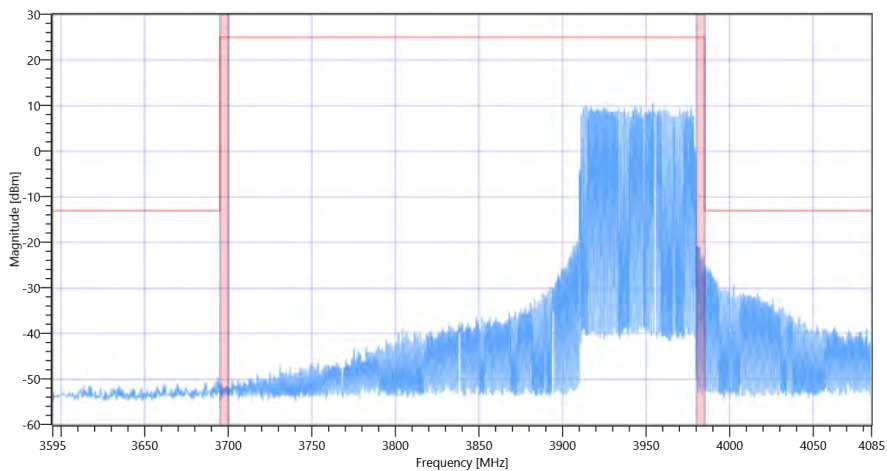
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.11 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3945 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3945

Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

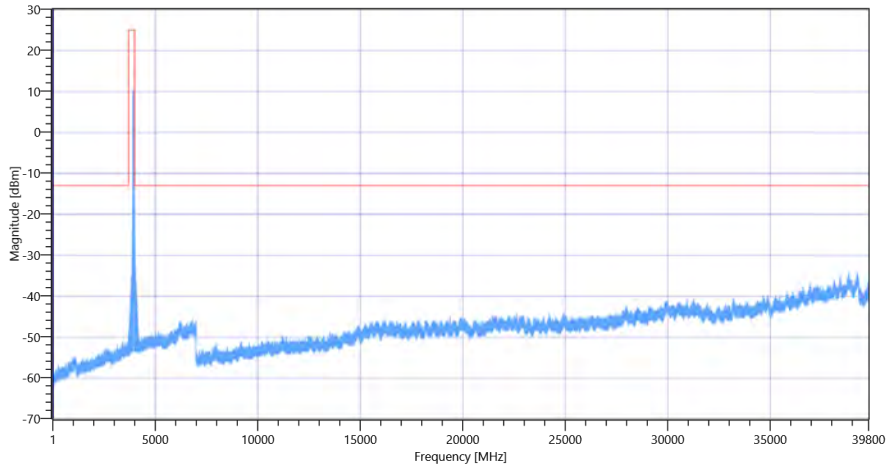
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -0.14 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

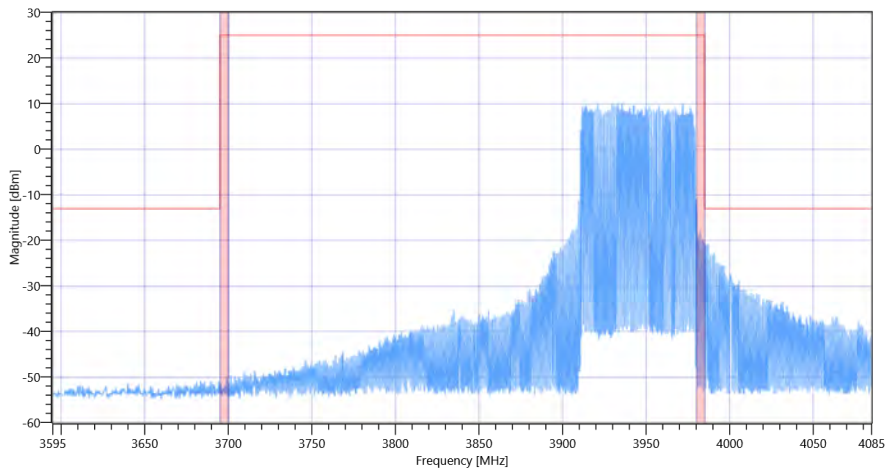
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3945 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3945

Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

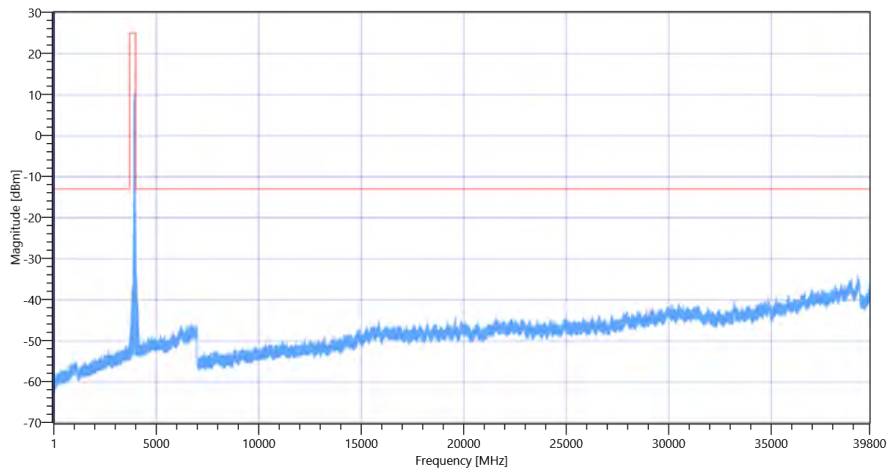
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.51 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 64QAM

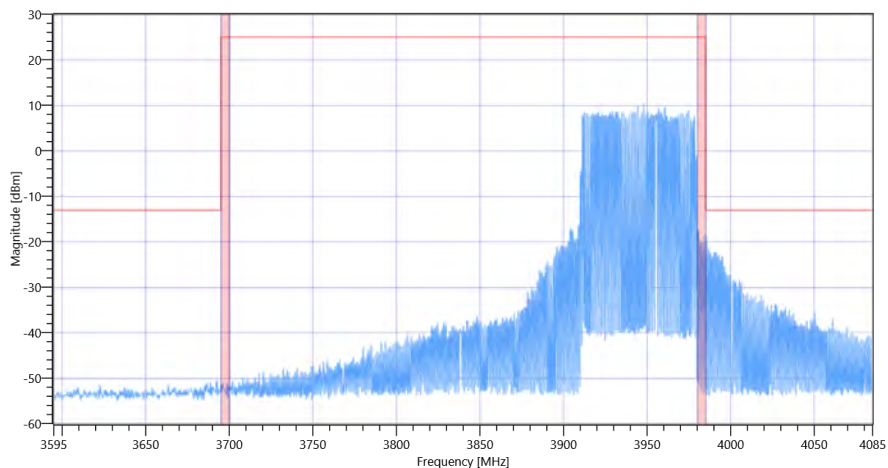
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3945 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3945

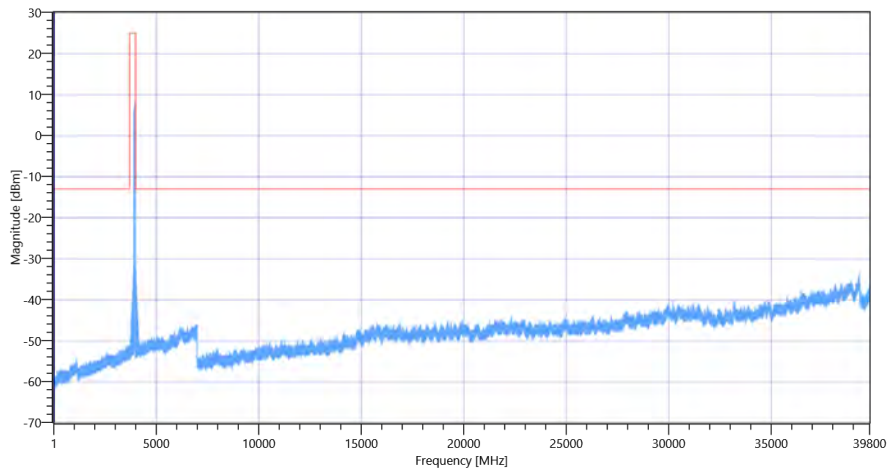
Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

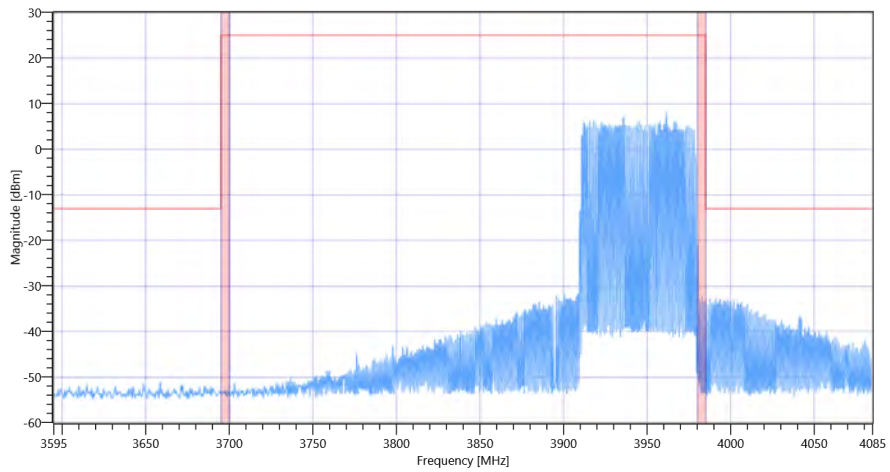
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -3.34 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3945 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3945

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 10:25:11 |
| Ambit Temp [°C] Humidity [rel%] | 24.1 58 |
| System Version | 3.2.0.2 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 80

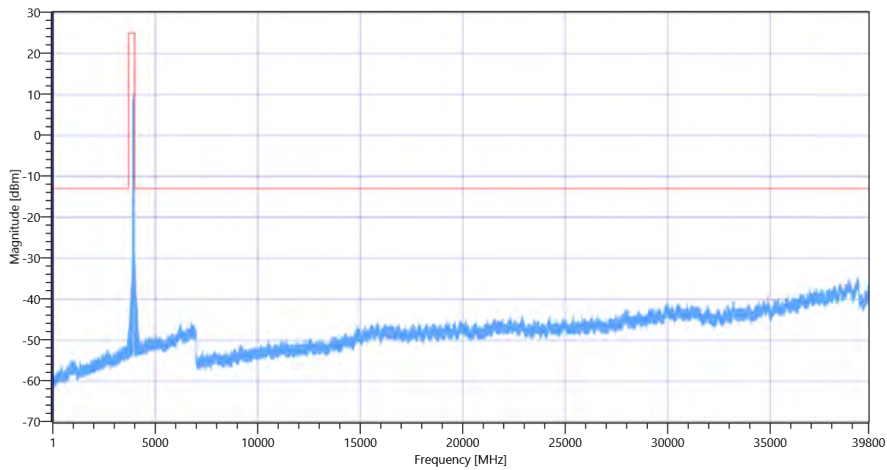
Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

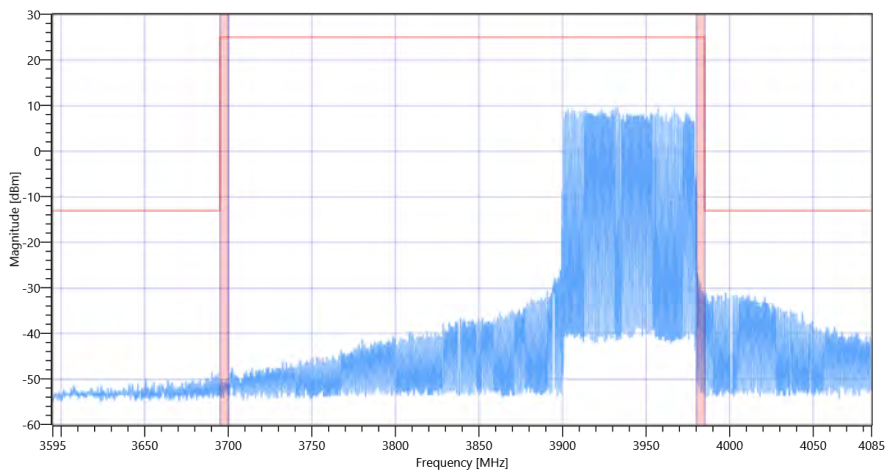
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.06 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3940 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3940

Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

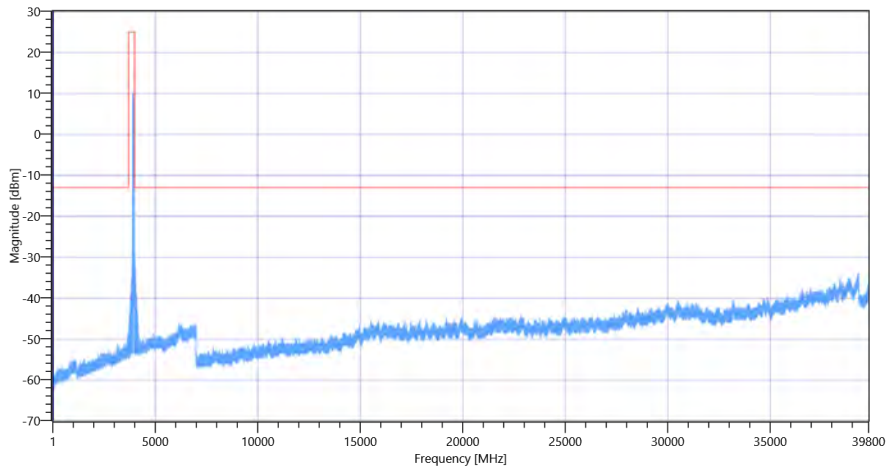
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.21 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

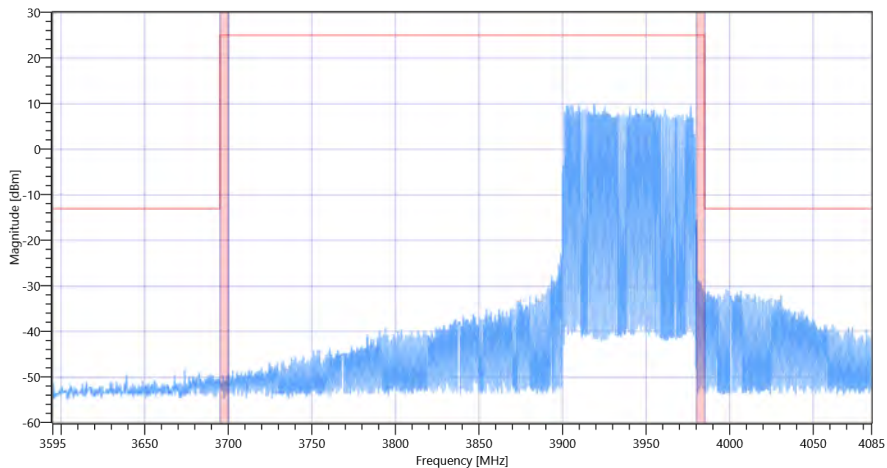
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3940 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3940

Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

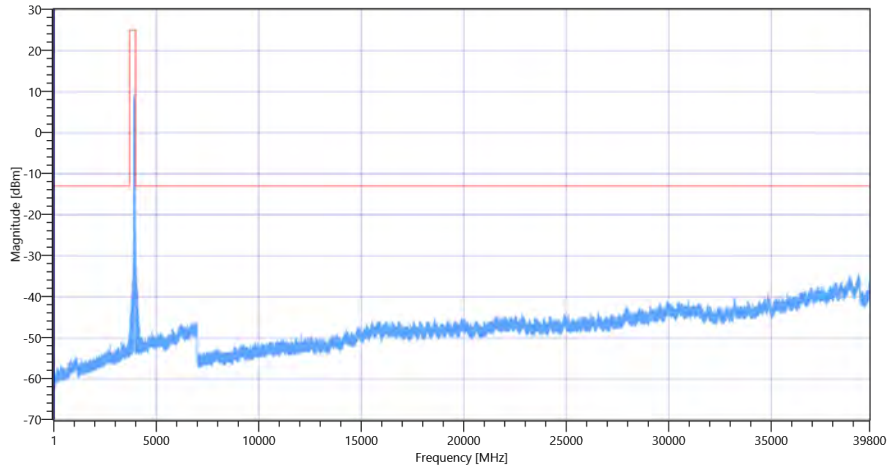
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] -2.21 | 0 | 15
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 64QAM

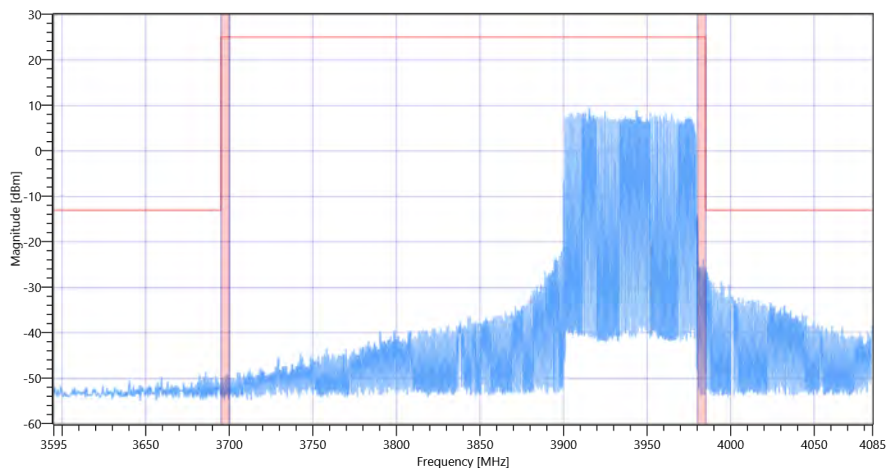
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3940 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3940

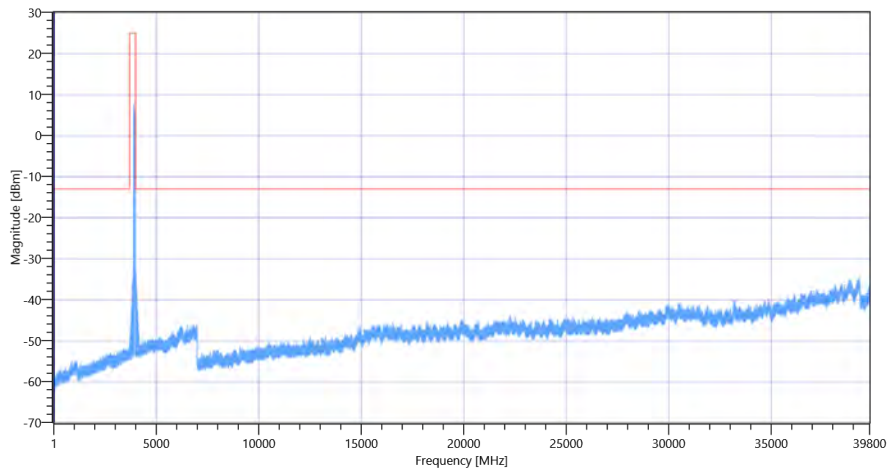
Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

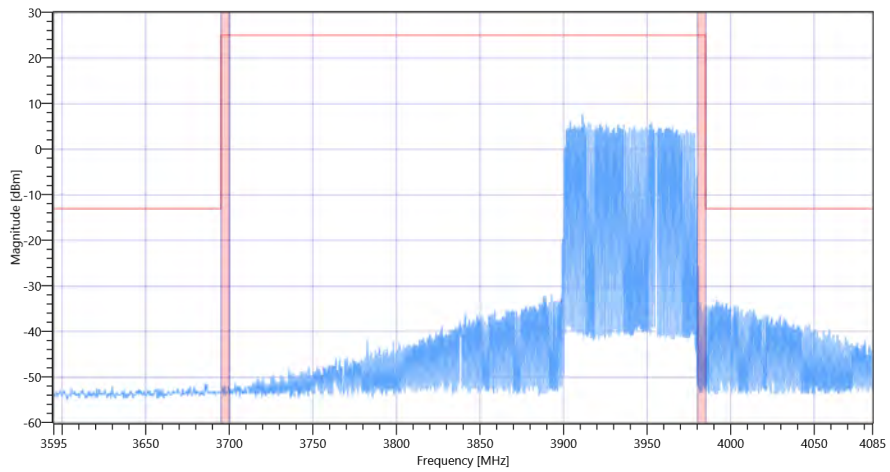
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -3.78 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3940 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3940

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 09:04:15 |
| Ambit Temp [°C] Humidity [rel%] | 24.0 58 |
| System Version | 3.2.0.2 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 90

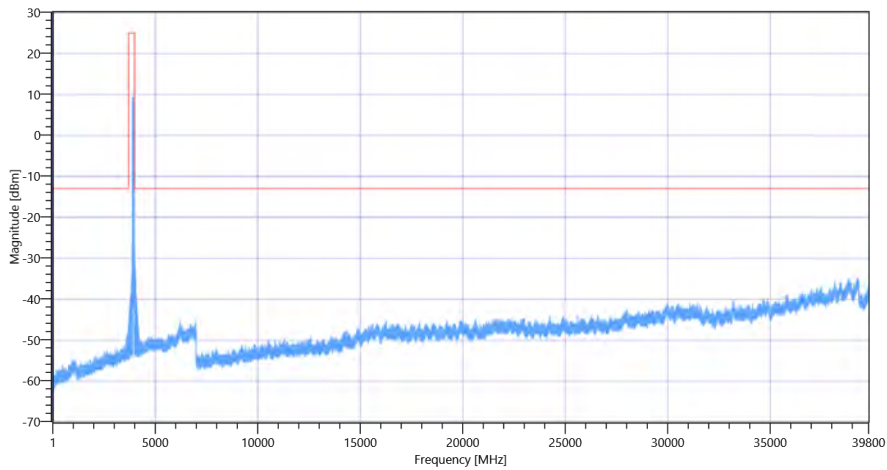
Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

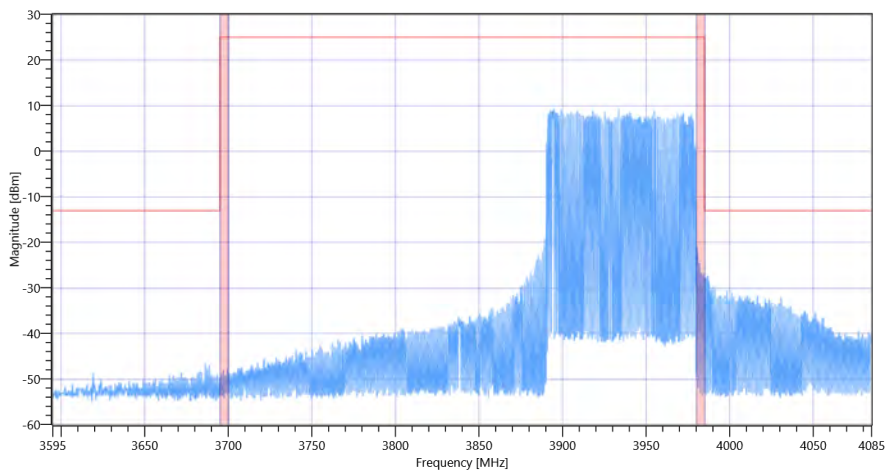
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.29 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3935 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3935

Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

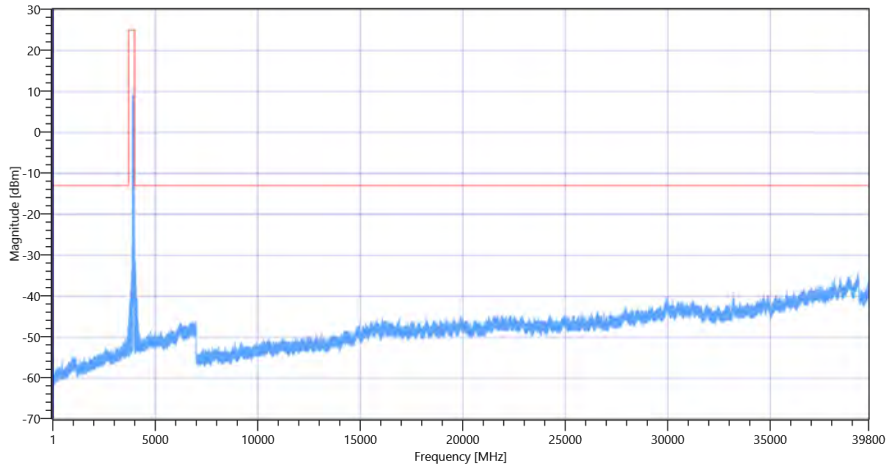
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.10 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

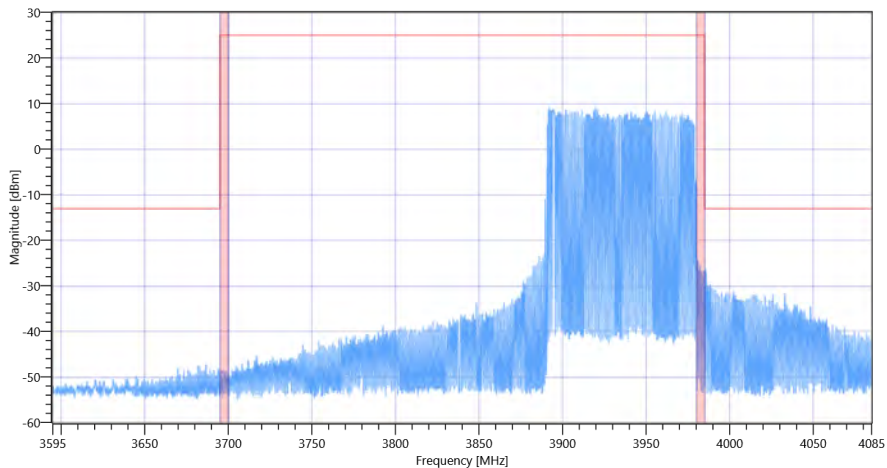
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3935 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3935

Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

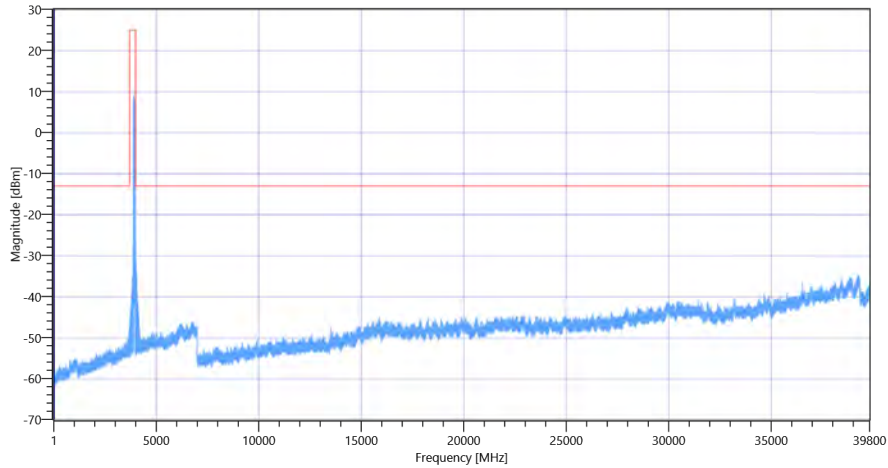
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] -2.27 | 0 | 15
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

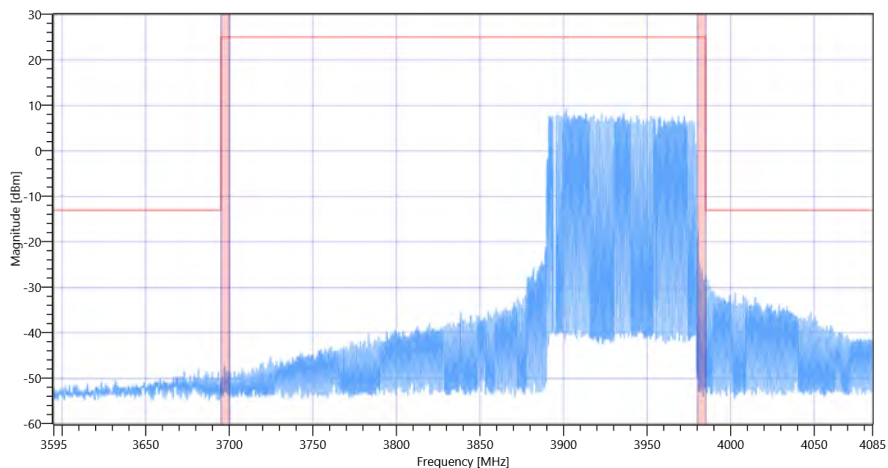
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3935 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3935

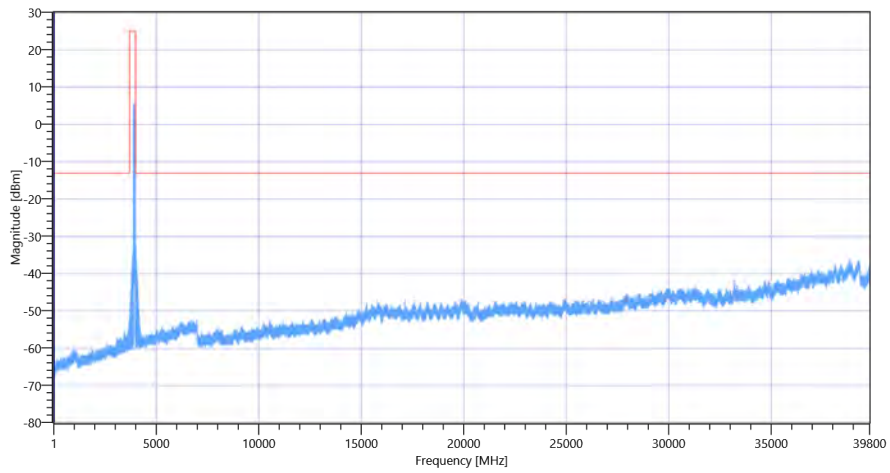
Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

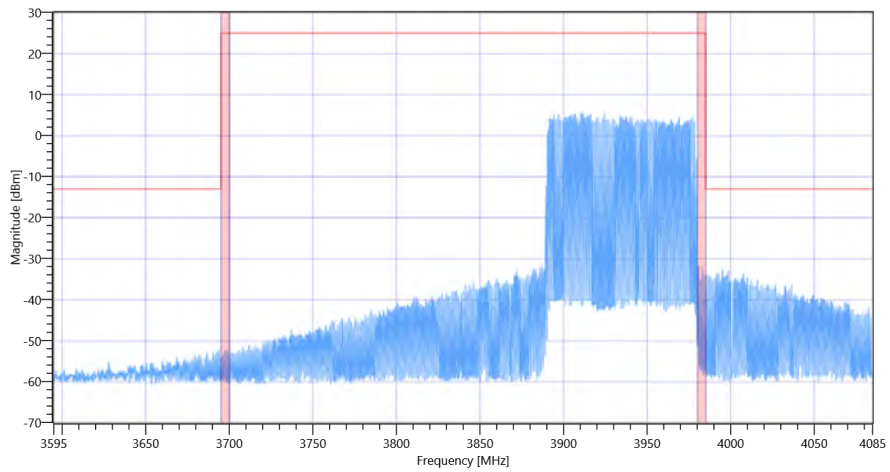
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -5.46 0 10 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3935 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3935

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 08:34:35 |
| Ambit Temp [°C] Humidity [rel%] | 24.2 58 |
| System Version | 3.2.0.2 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 1 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 90

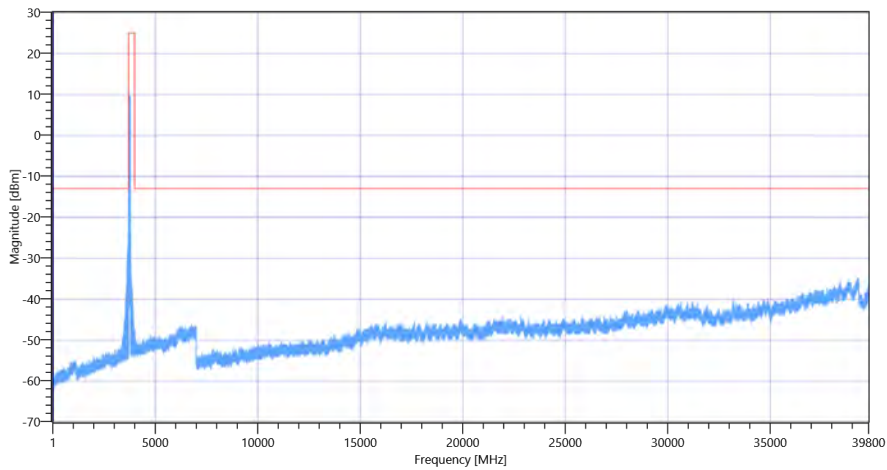
Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

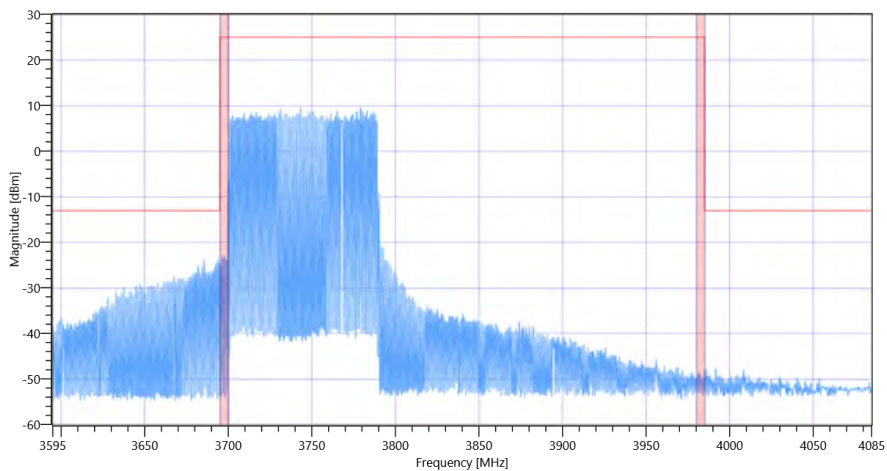
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.67 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3745

Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

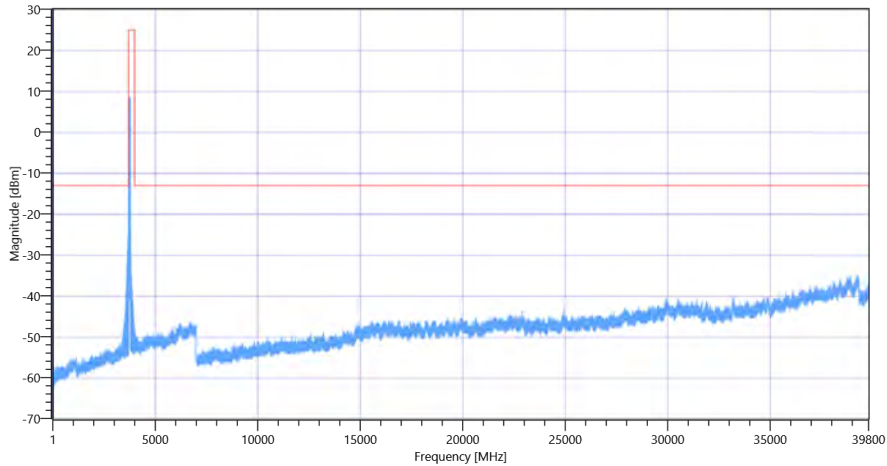
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.18 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

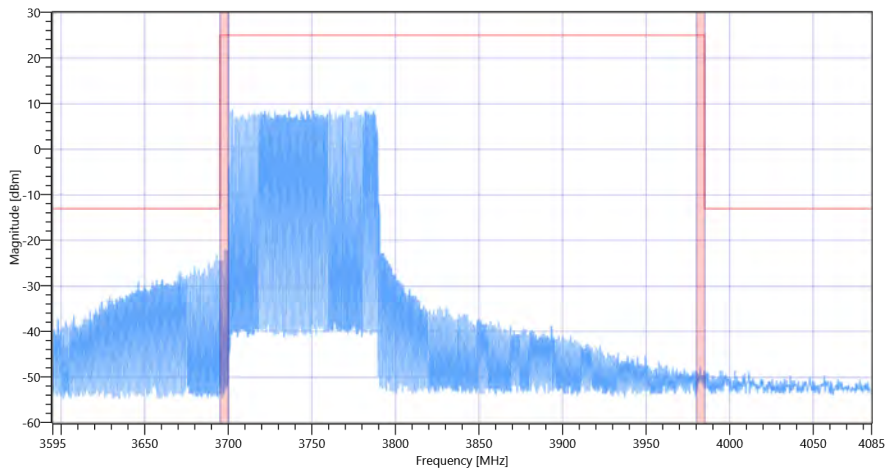
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3745

Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

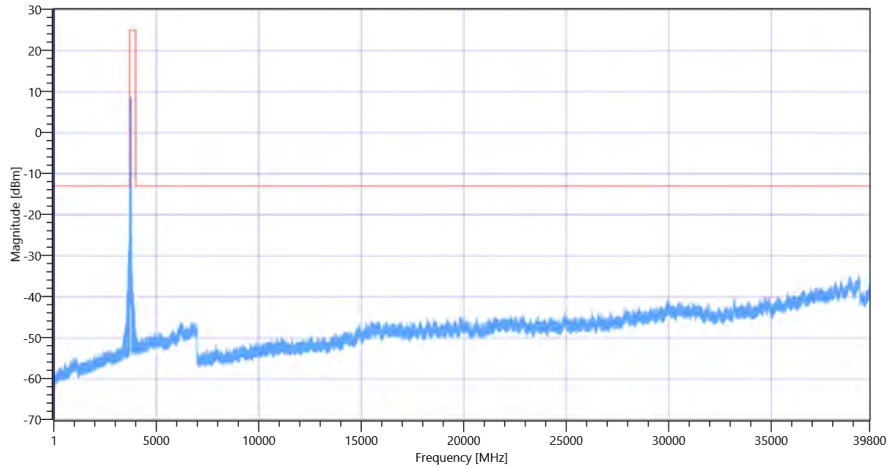
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.65 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

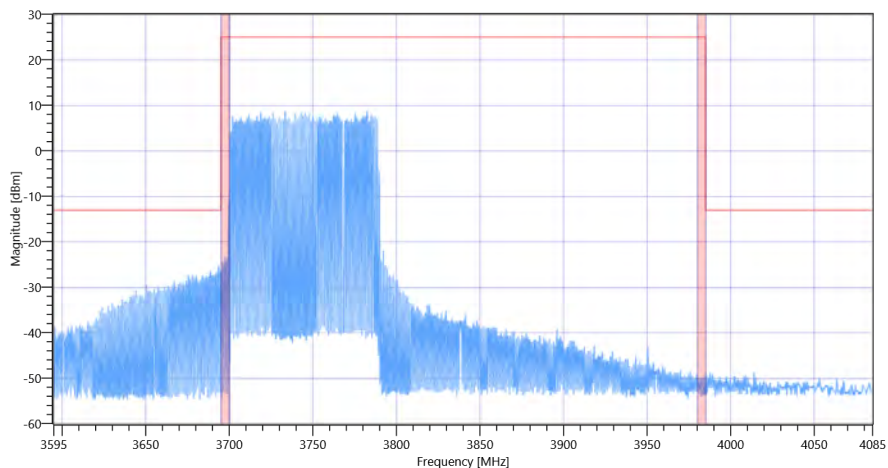
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

RESULT Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3745

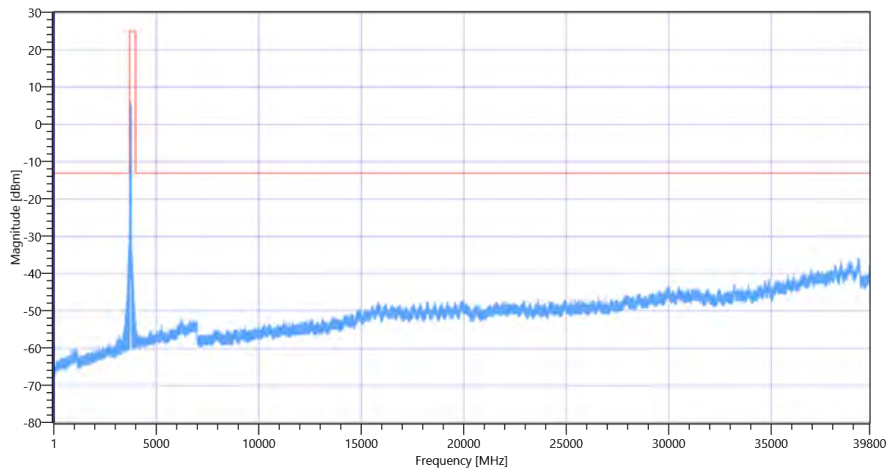
Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

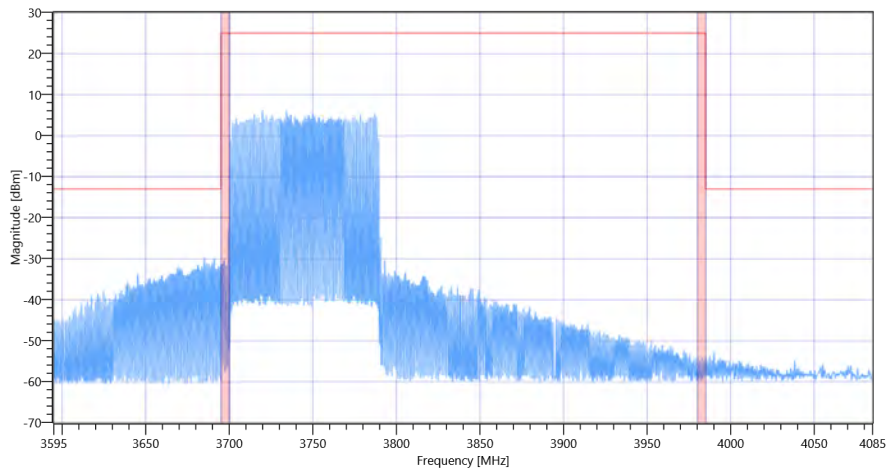
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -5.40 0 10 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3745/0, CBW [MHz]: 90, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-1 SCS-30 3745

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 07:34:11 |
| Ambit Temp [°C] Humidity [rel%] | 23.5 60 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 10

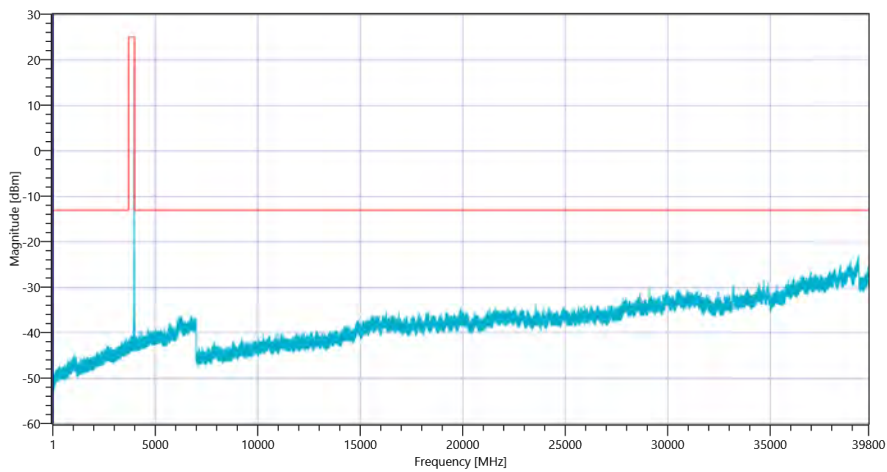
Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

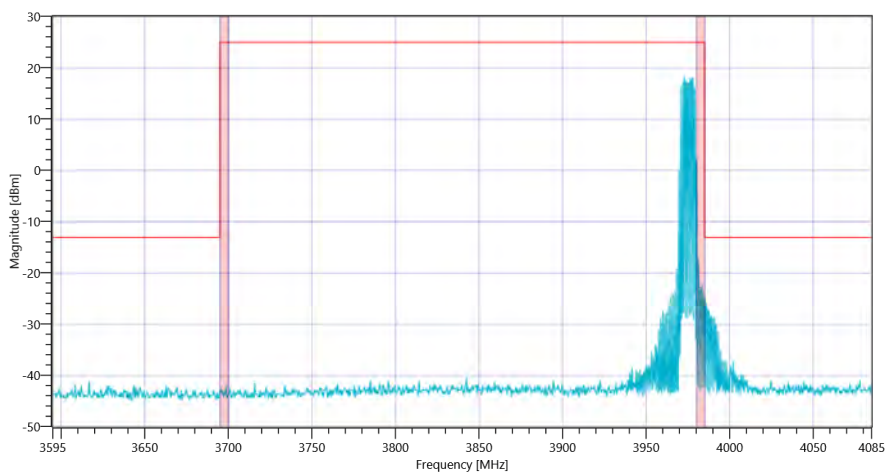
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 5.82 0 25 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3975 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3975

Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

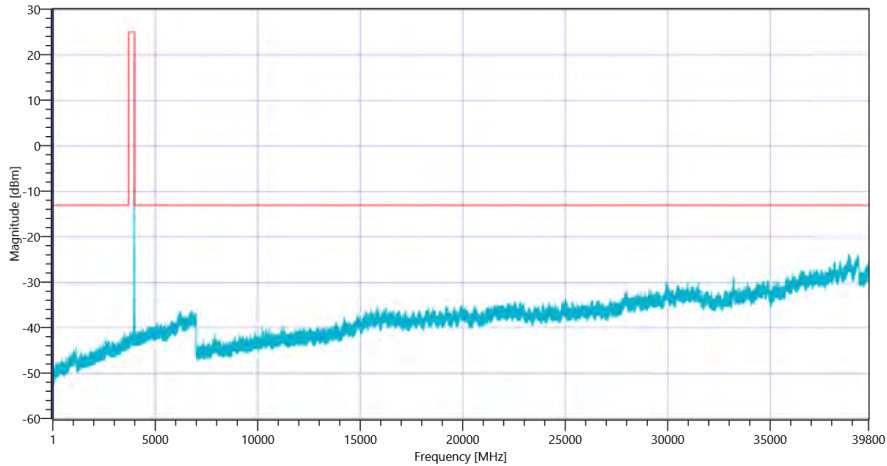
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 6.95 0 25 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

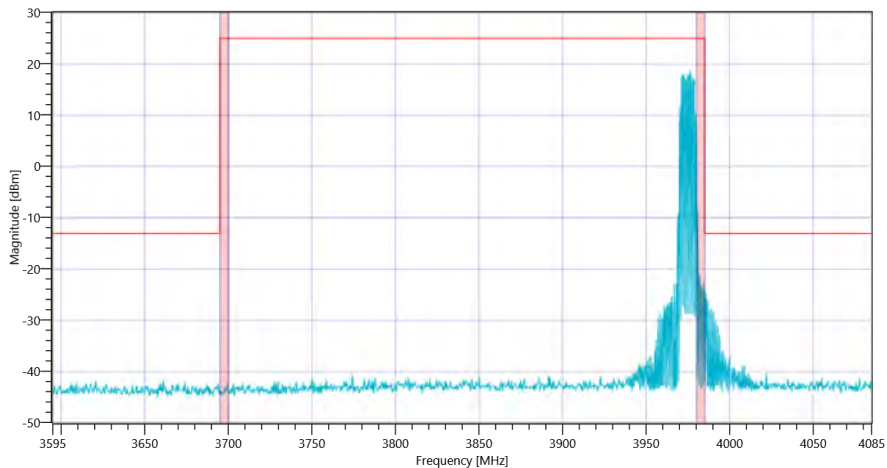
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3975 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3975

Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

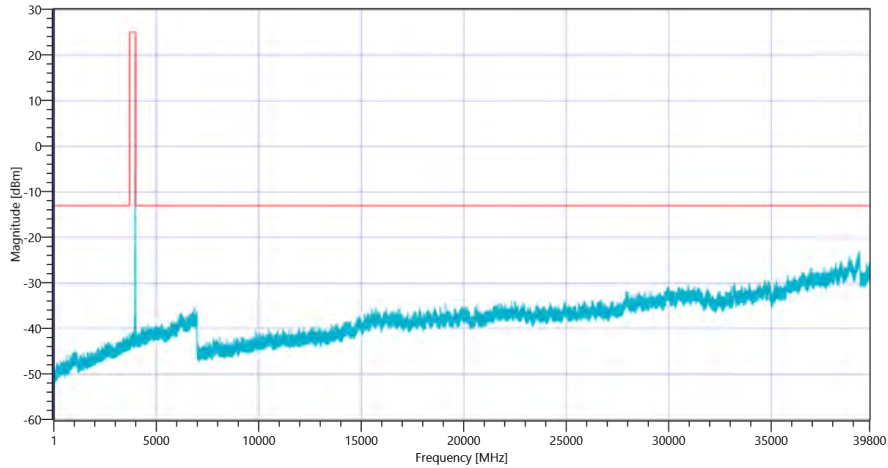
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 7.03 0 25 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: 64QAM

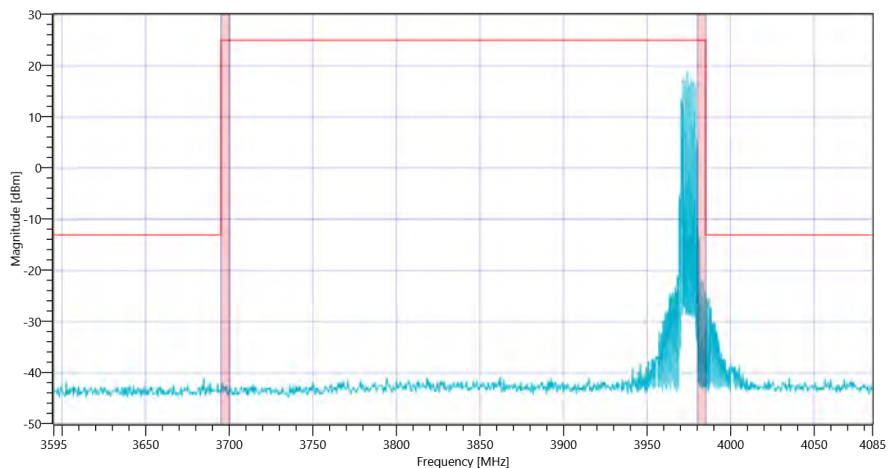
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

RESULT Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3975 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3975

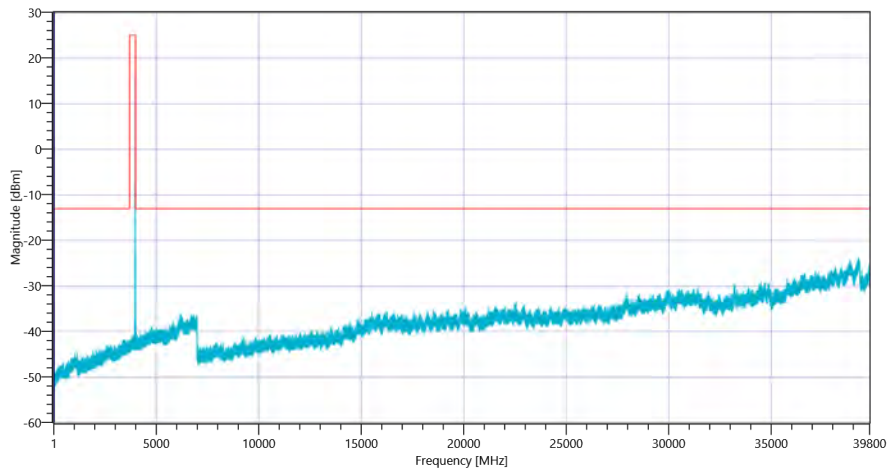
Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

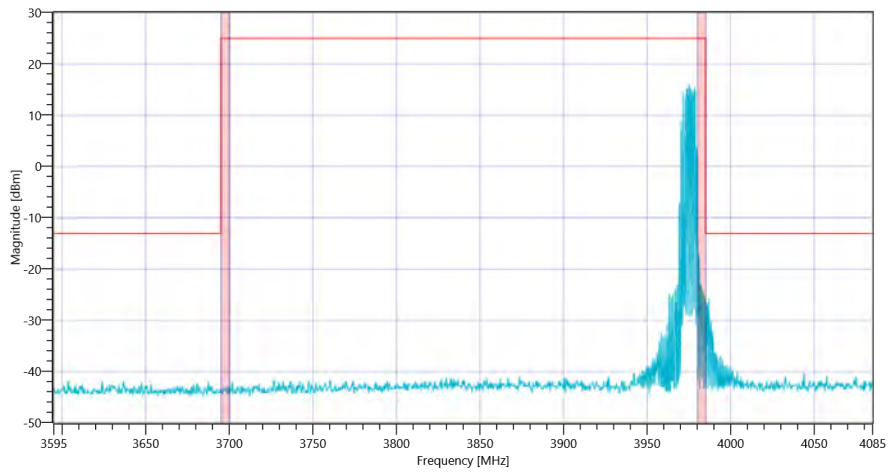
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 5.06 0 25 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3975/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3975 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3975

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 06:47:11 |
| Ambit Temp [°C] Humidity [rel%] | 23.6 59 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 20

Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 3.49 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3970 MHz

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3970

Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 3.99 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3970 MHz

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3970

Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] 3.98 | 0 | 20
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3970 MHz

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3970

Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 0.79 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3970/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3970 MHz

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3970

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 06:19:06 |
| Ambit Temp [°C] Humidity [rel%] | 24.4 57 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 30

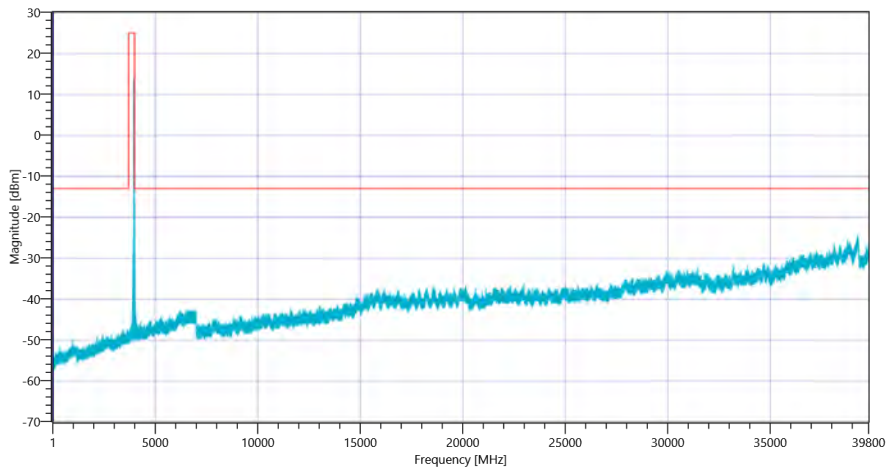
Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

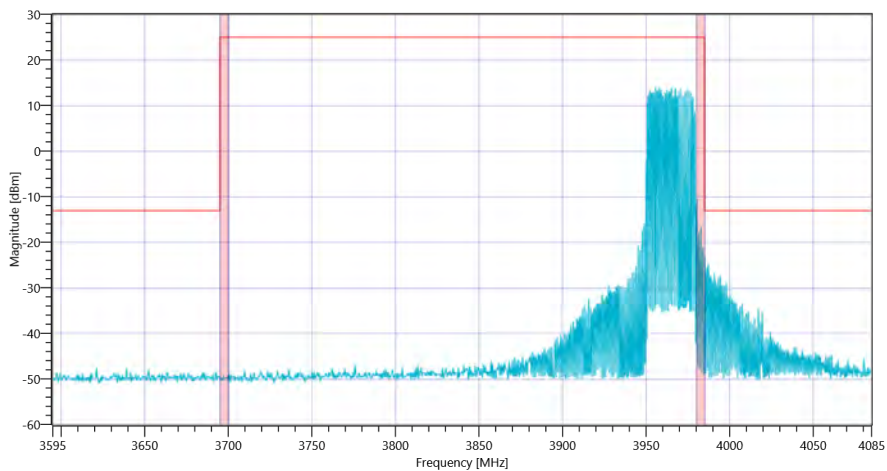
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 2.12 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3965 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3965

Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

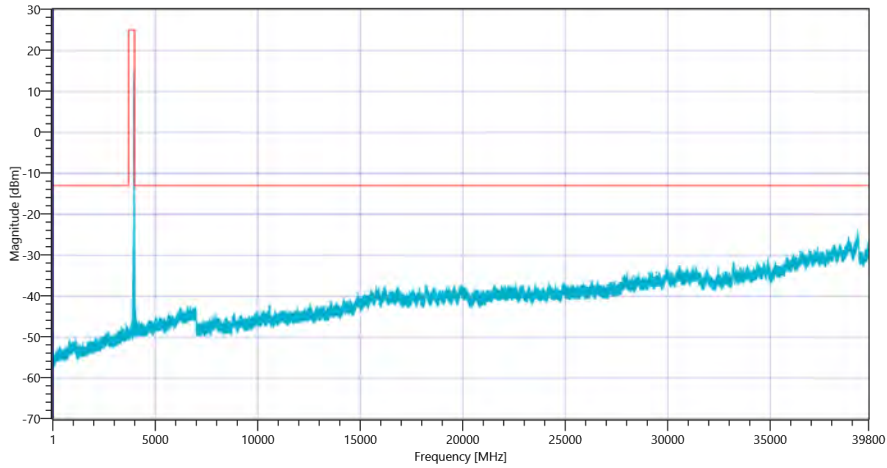
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 2.57 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

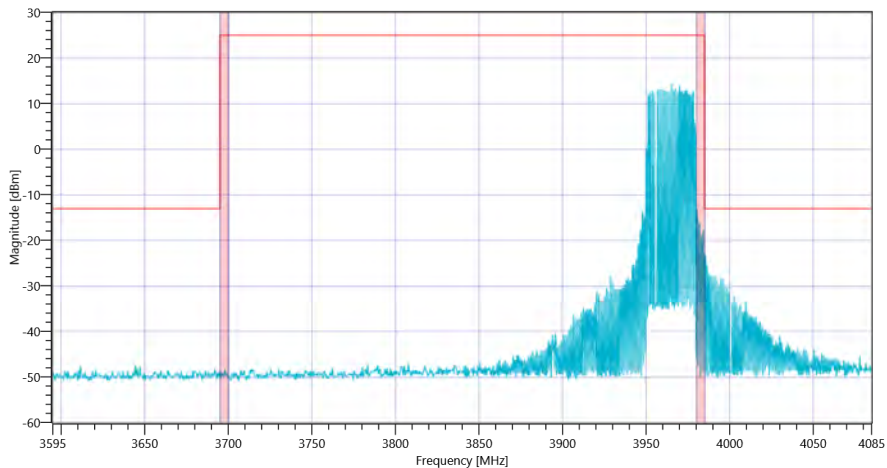
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3965 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3965

Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

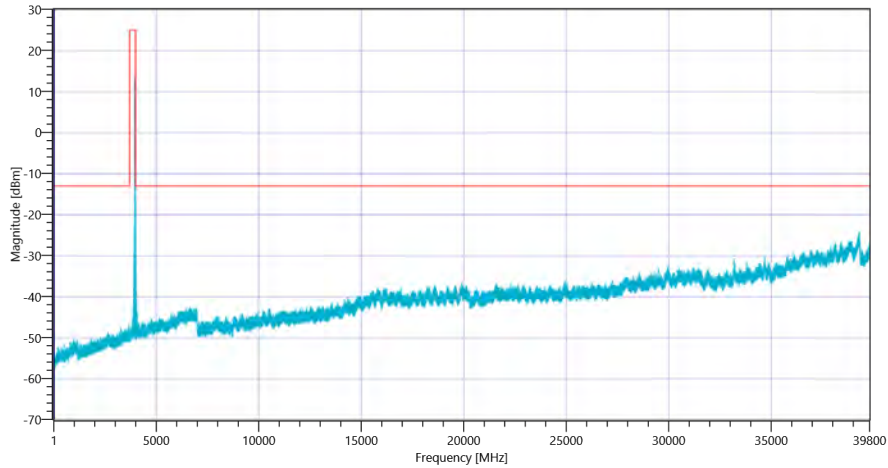
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] 1.95 | 0 | 20
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

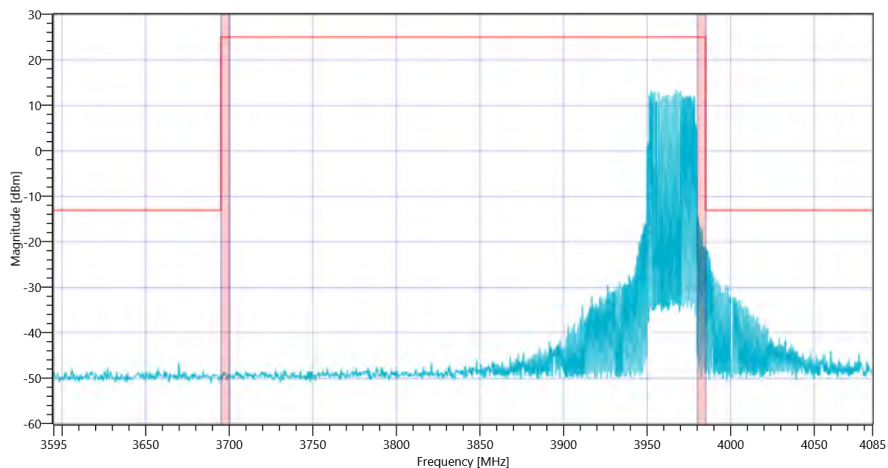
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3965 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3965

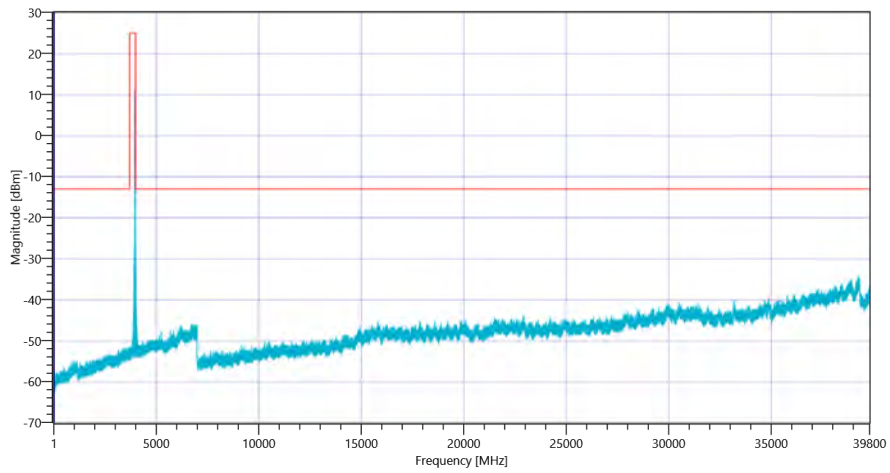
Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

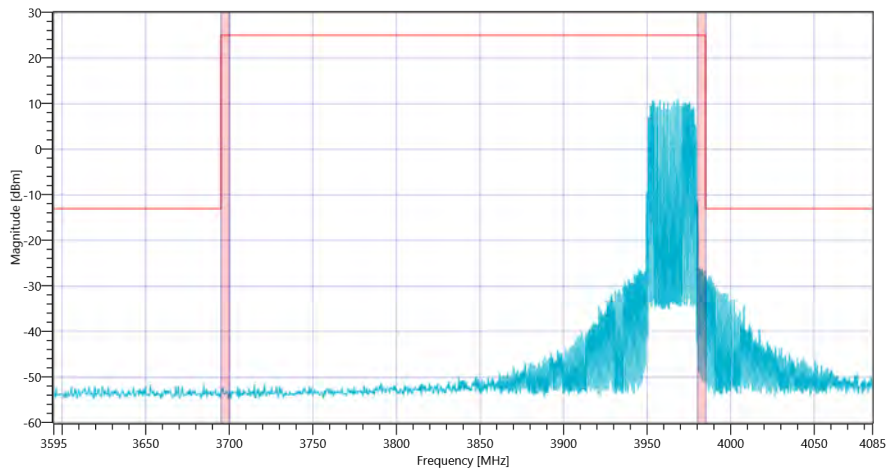
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -0.68 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3965/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3965 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3965

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 05:15:05 |
| Ambit Temp [°C] Humidity [rel%] | 24.6 57 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 40

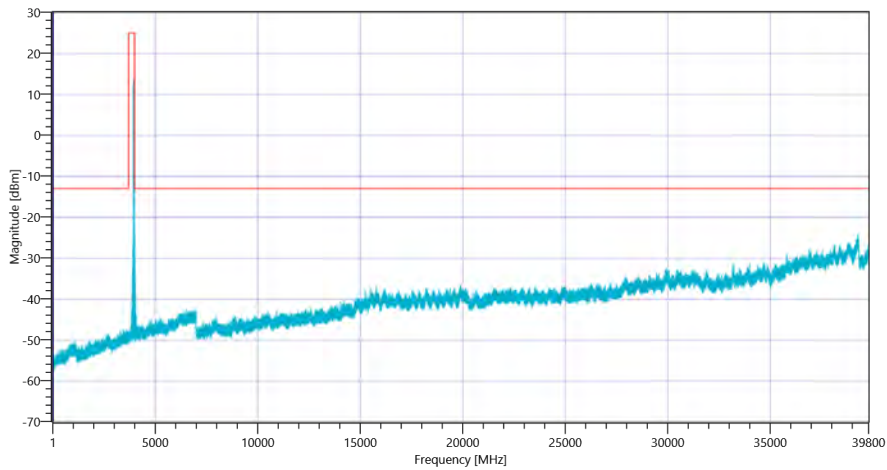
Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

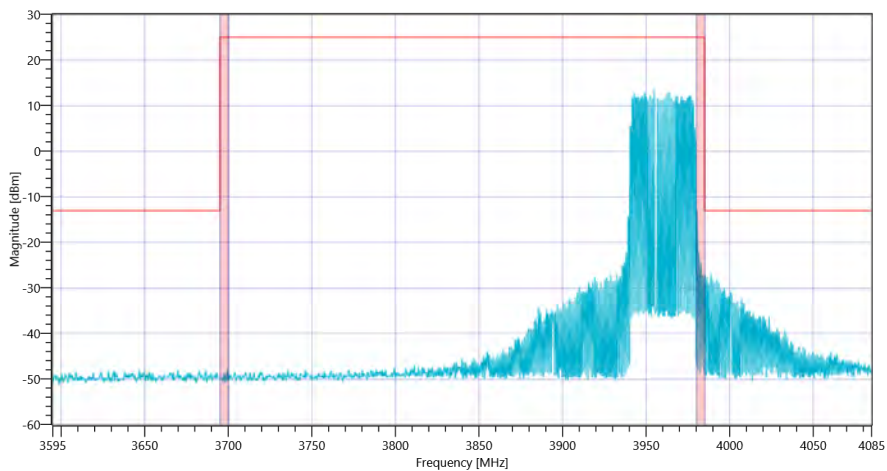
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 0.77 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3960 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3960

Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

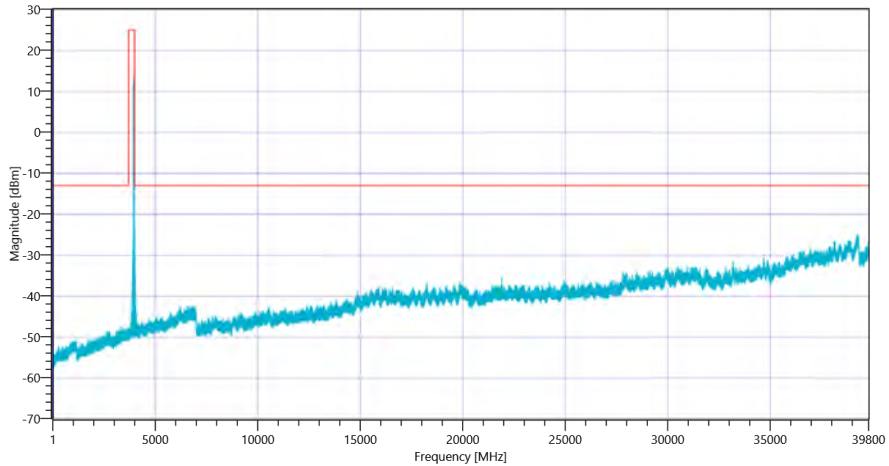
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 1.87 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

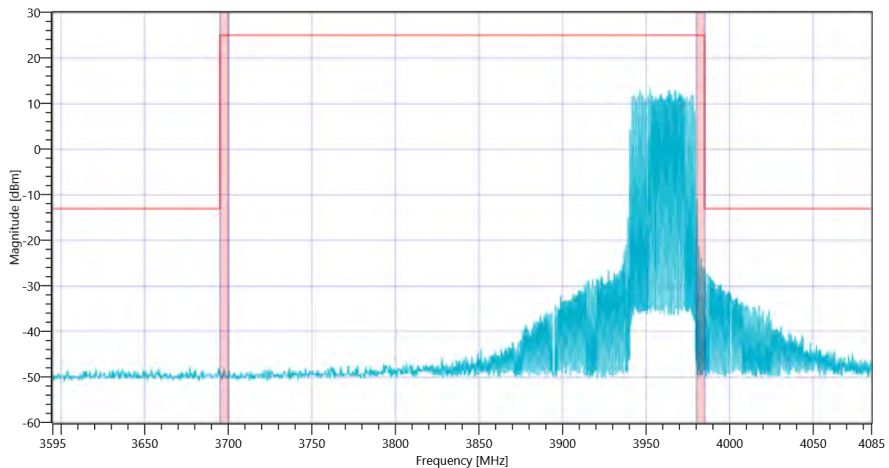
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3960 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3960

Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

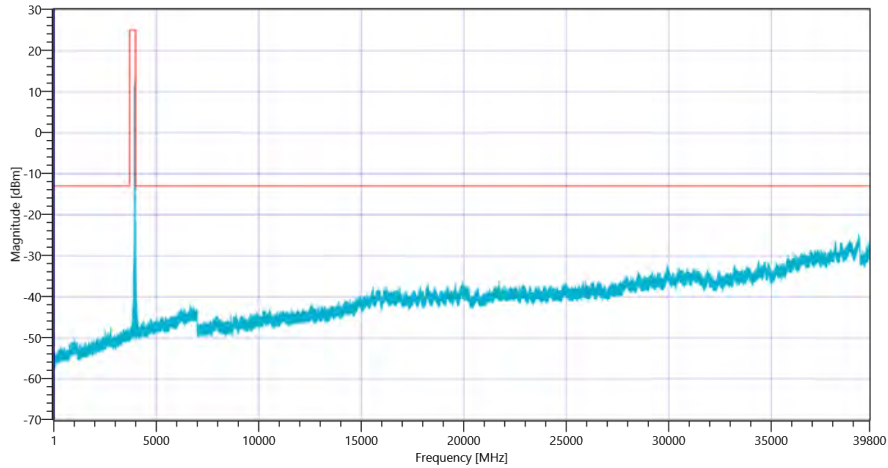
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 1.16 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

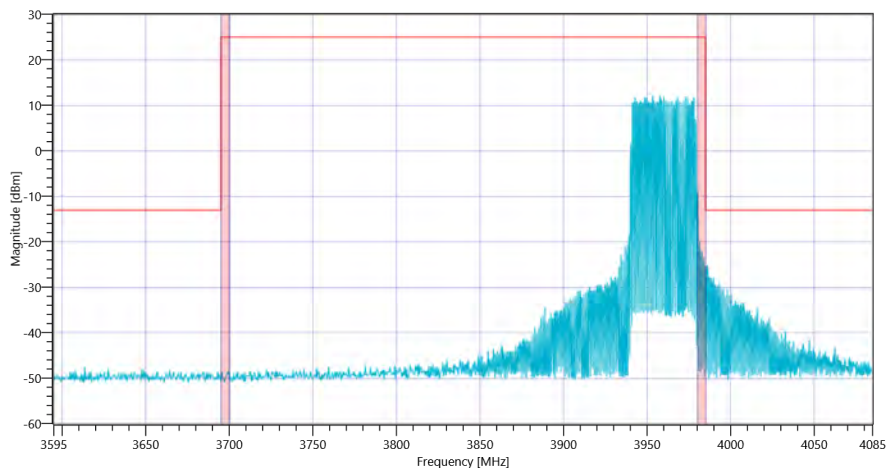
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3960 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3960

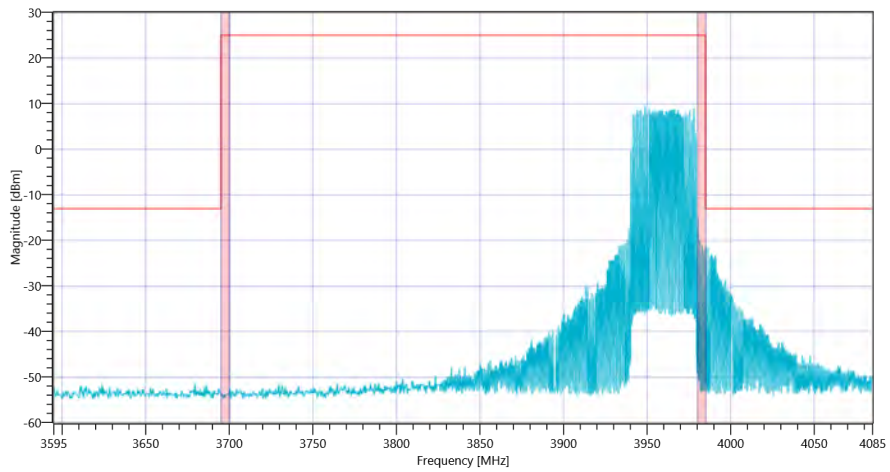
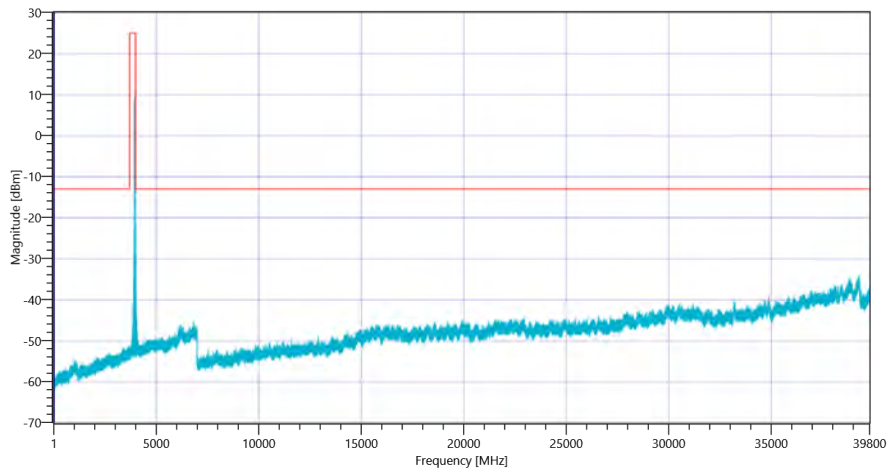
Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.47 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3960/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 01:46:04 |
| Ambit Temp [°C] Humidity [rel%] | 24.8 57 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 50

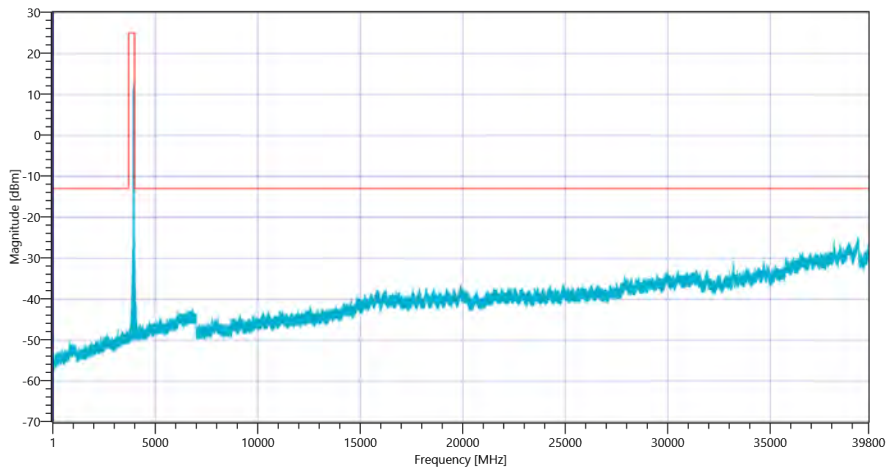
Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

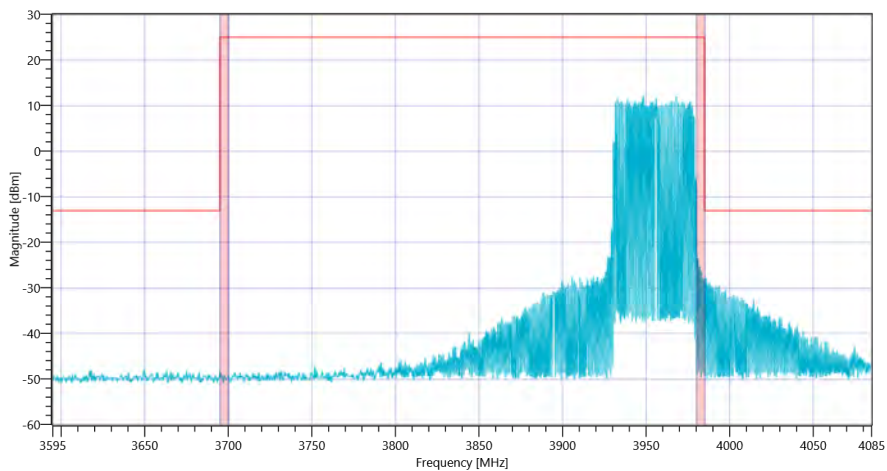
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 0.51 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3955 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3955

Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

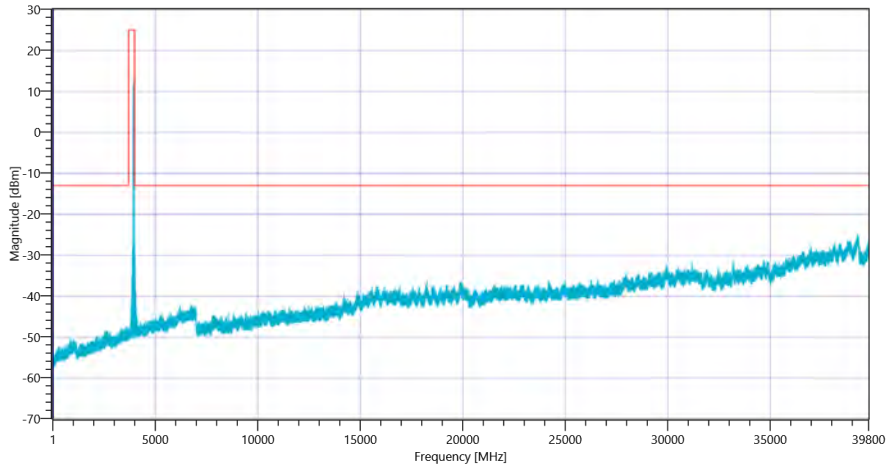
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 1.13 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

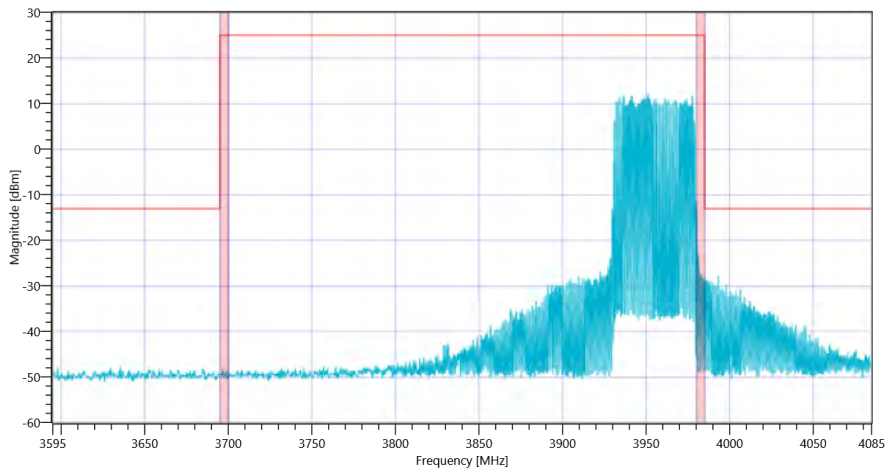
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3955 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3955

Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

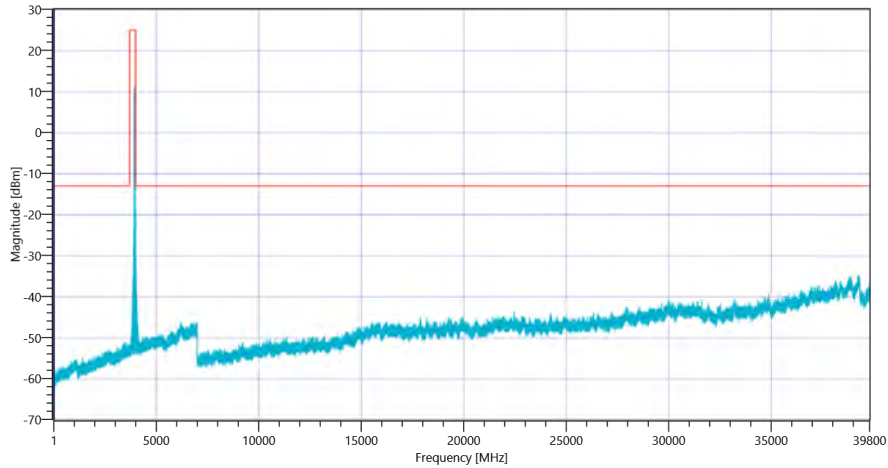
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -0.13 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 64QAM

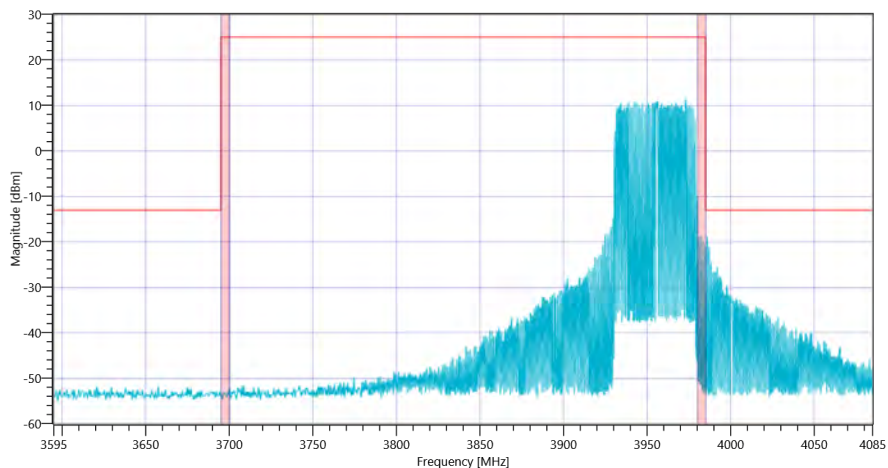
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3955 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3955

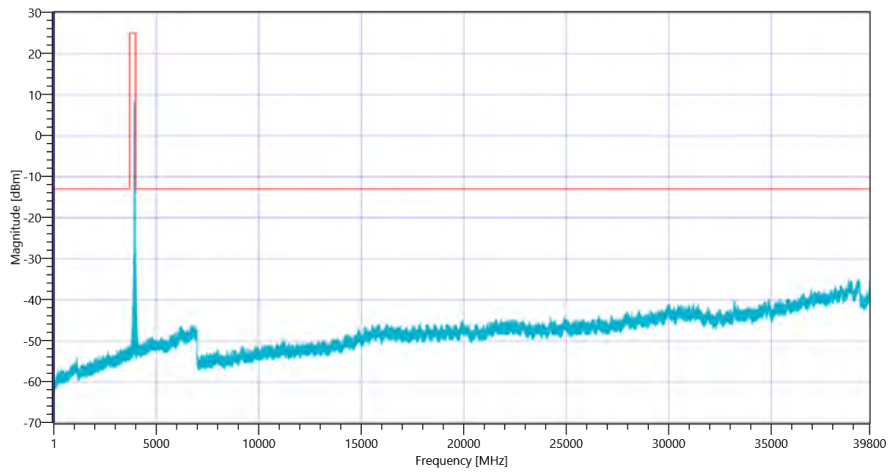
Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

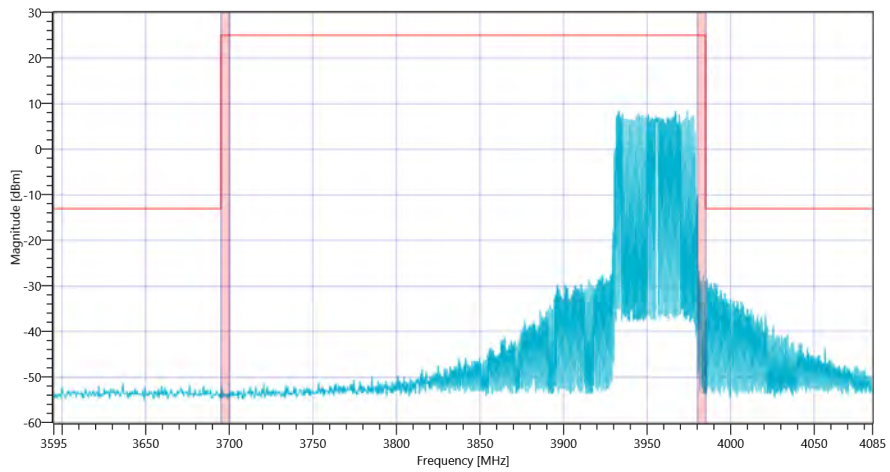
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -3.18 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3955/0, CBW [MHz]: 50, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3955 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3955

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 27.06.2022 00:11:29 |
| Ambit Temp [°C] Humidity [rel%] | 24.8 56 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 60

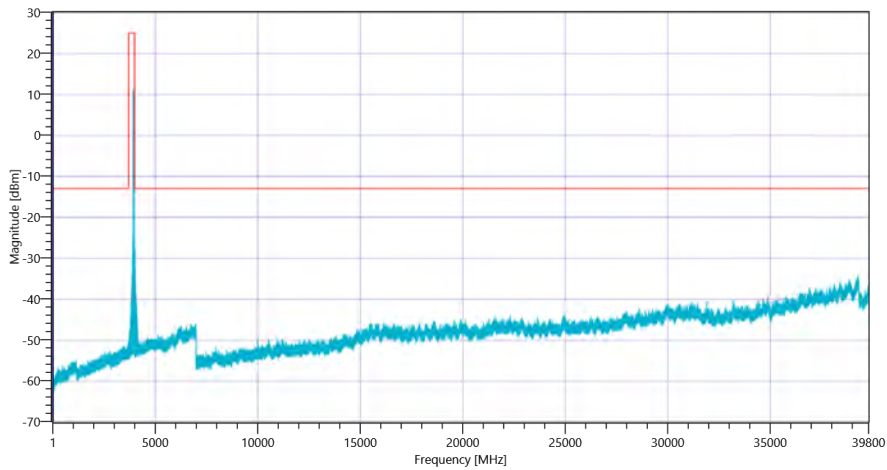
Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

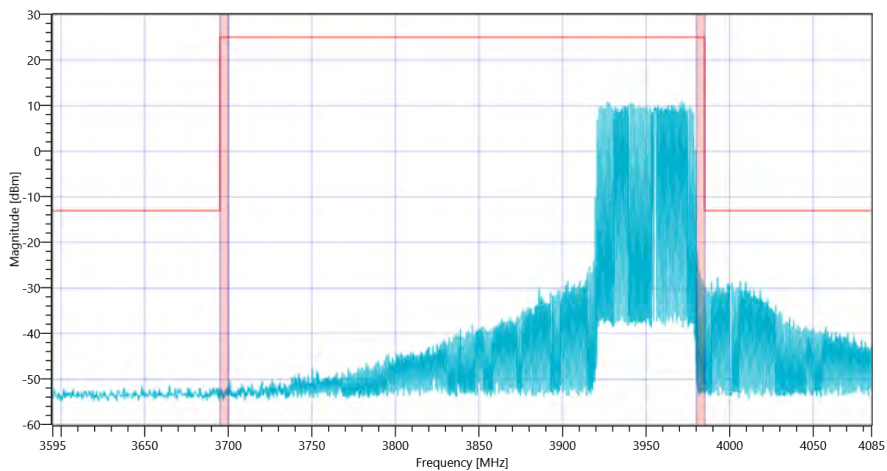
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.37 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3950 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3950

Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

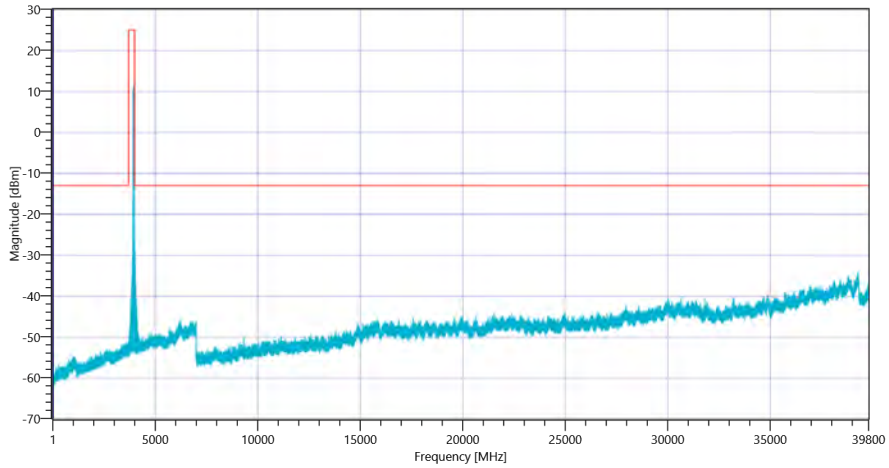
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -0.25 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

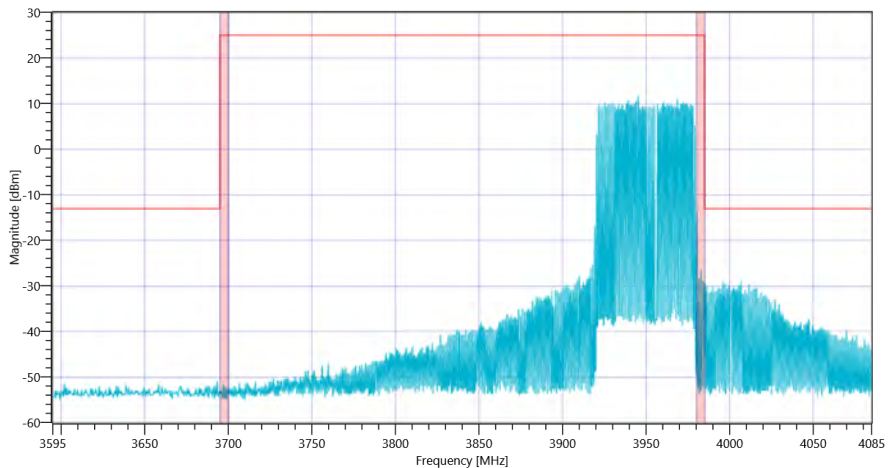
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3950 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3950

Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

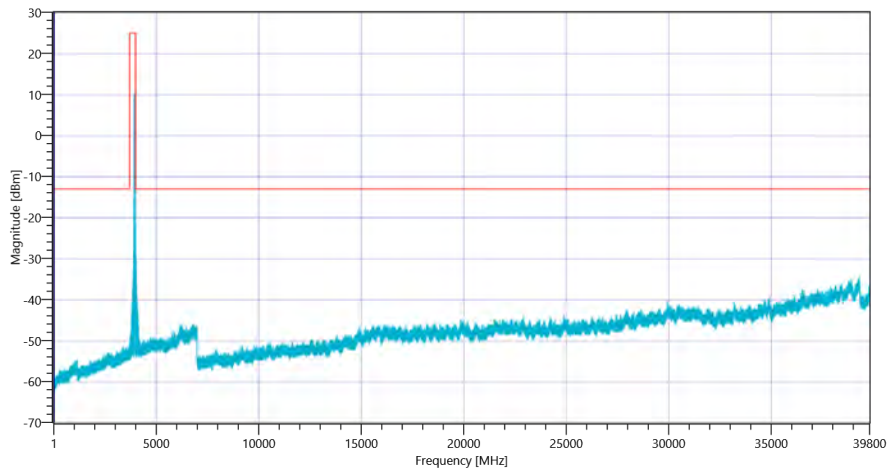
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] -1.17 | 0 | 15
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

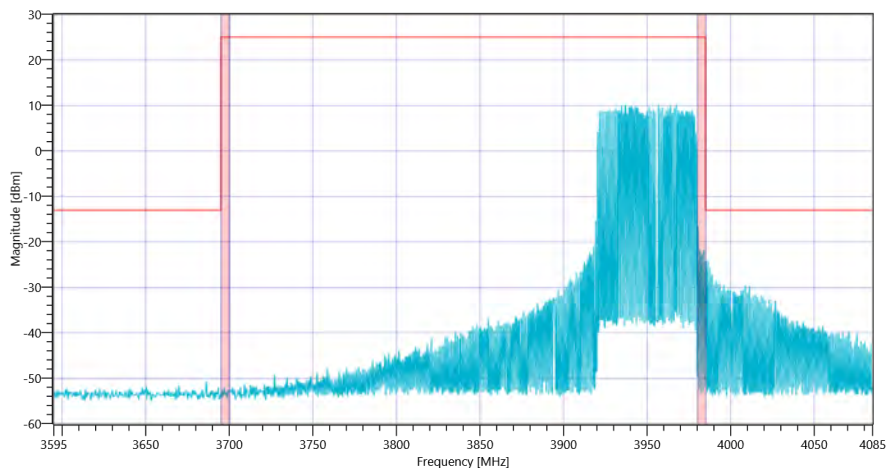
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3950 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3950

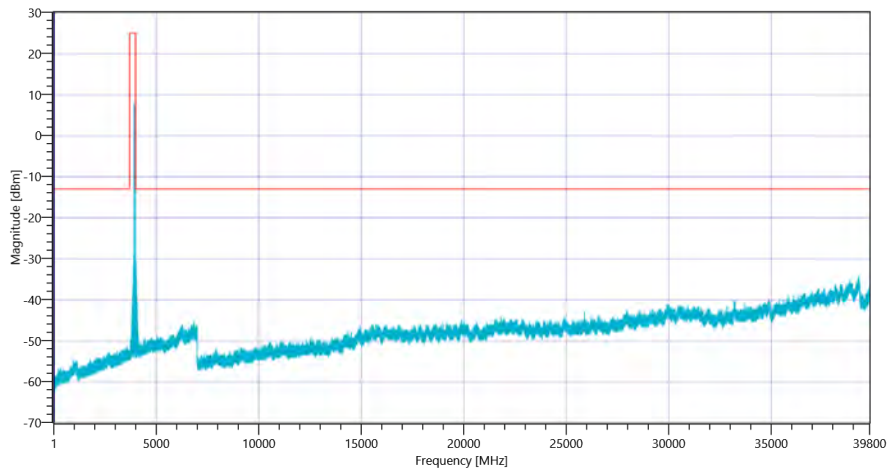
Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

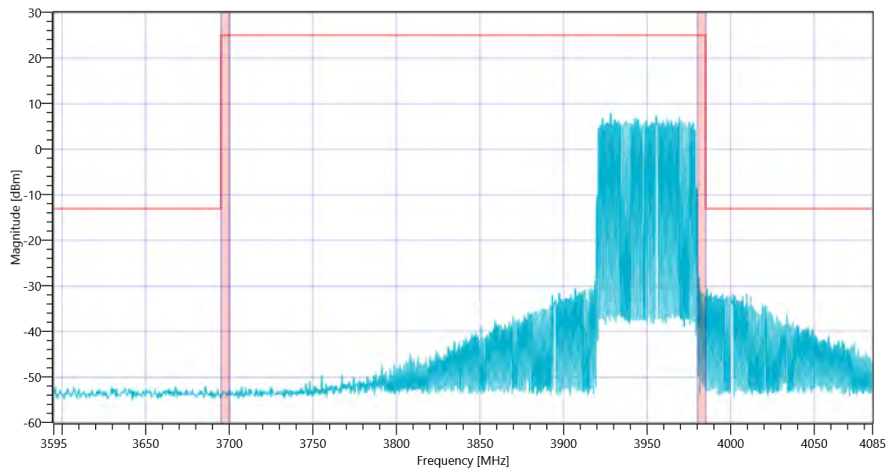
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -3.97 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3950/0, CBW [MHz]: 60, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3950 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3950

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 26.06.2022 23:43:02 |
| Ambit Temp [°C] Humidity [rel%] | 24.9 56 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 70

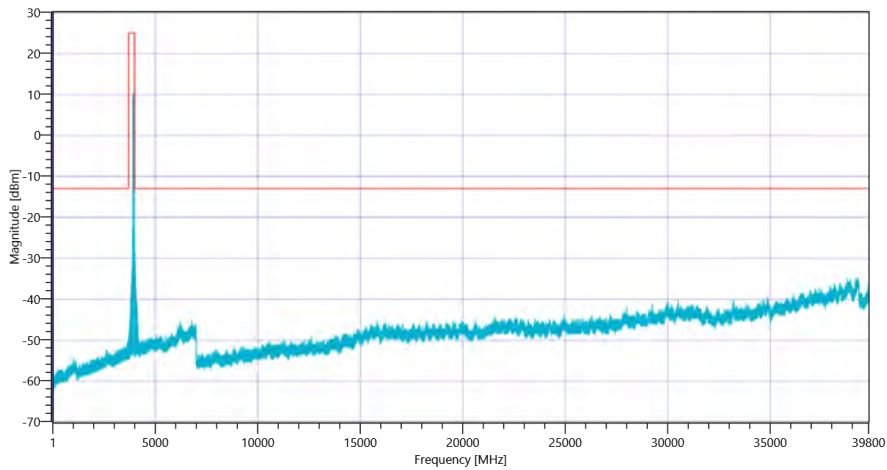
Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

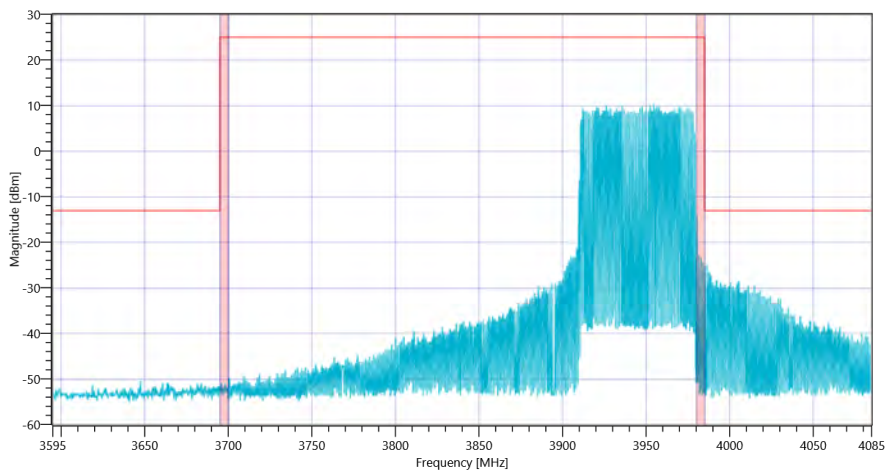
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.85 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3945 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3945

Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

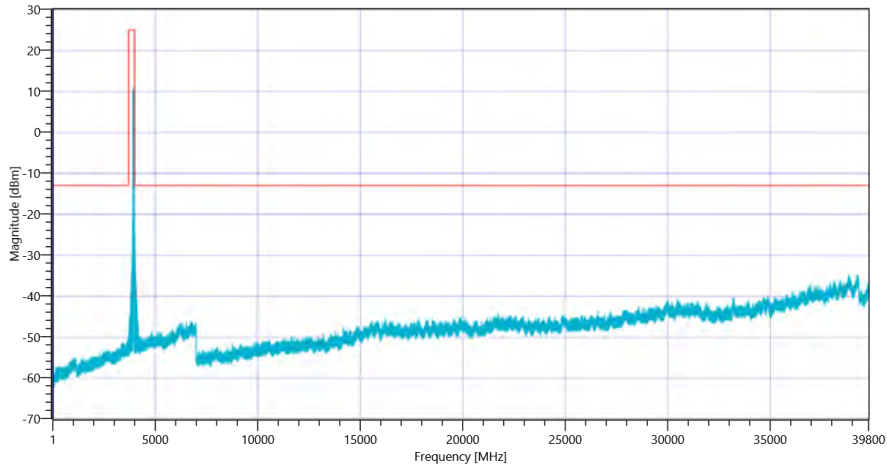
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.17 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

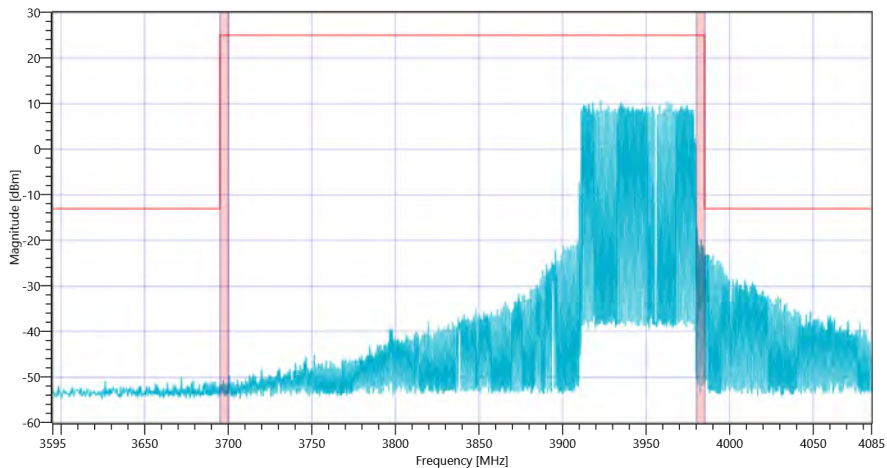
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3945 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3945

Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

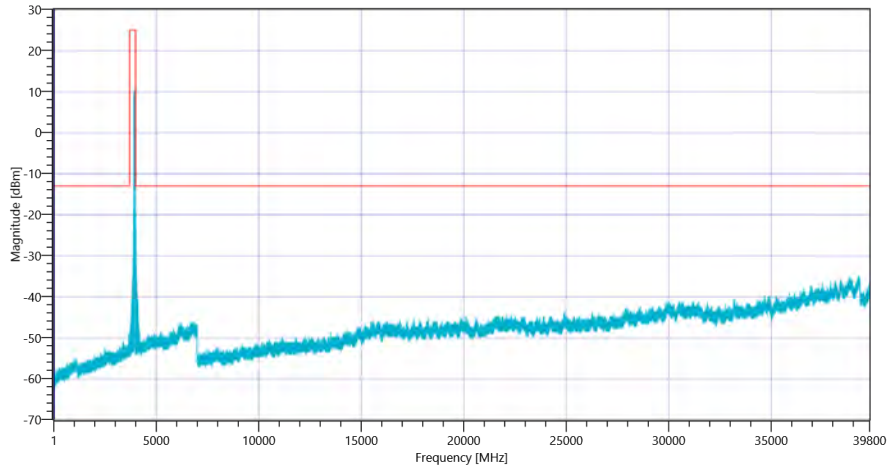
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] -1.26 | 0 | 15
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 64QAM

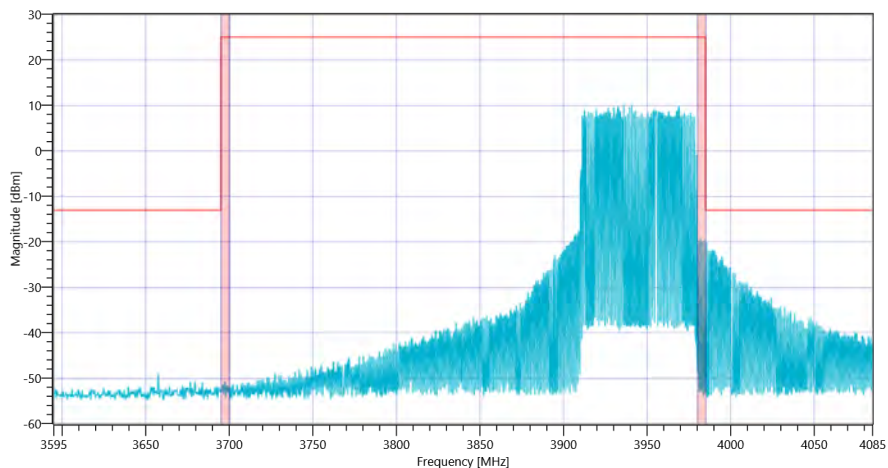
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3945 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3945

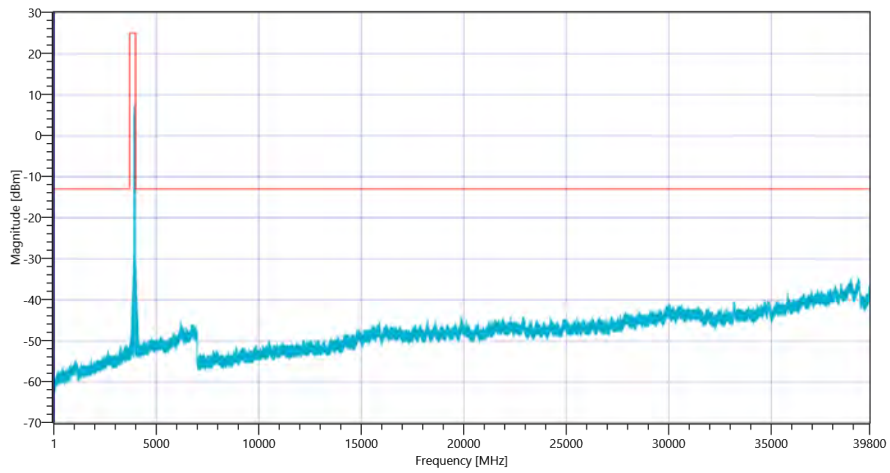
Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

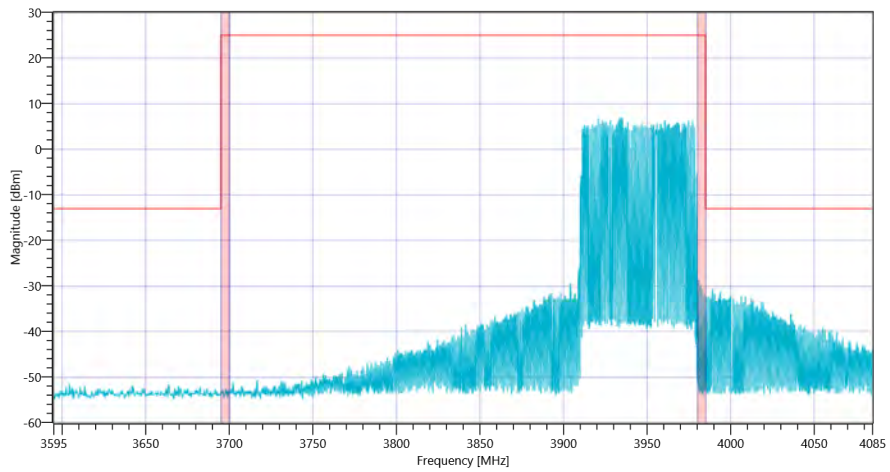
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -4.56 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3945/0, CBW [MHz]: 70, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3945 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3945

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 26.06.2022 23:14:59 |
| Ambit Temp [°C] Humidity [rel%] | 24.9 56 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 80

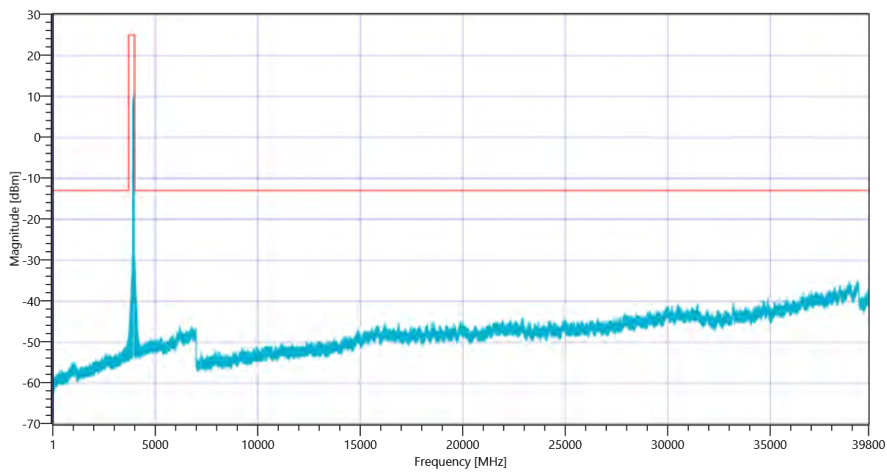
Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

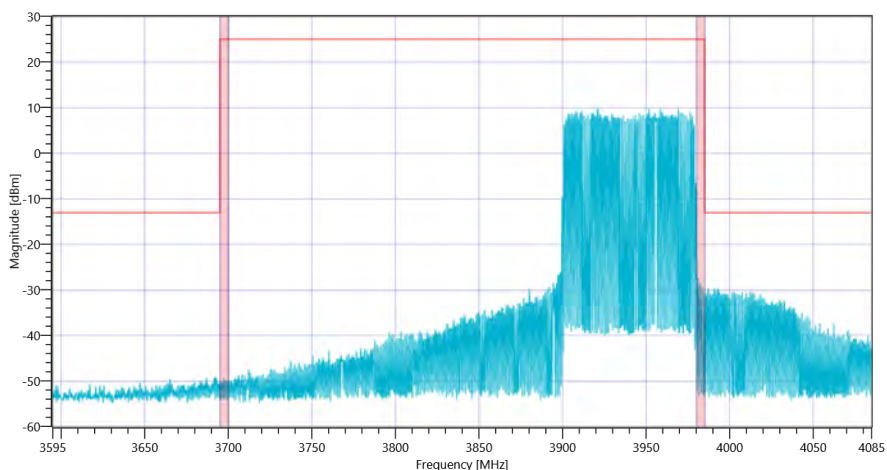
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.28 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3940 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3940

Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

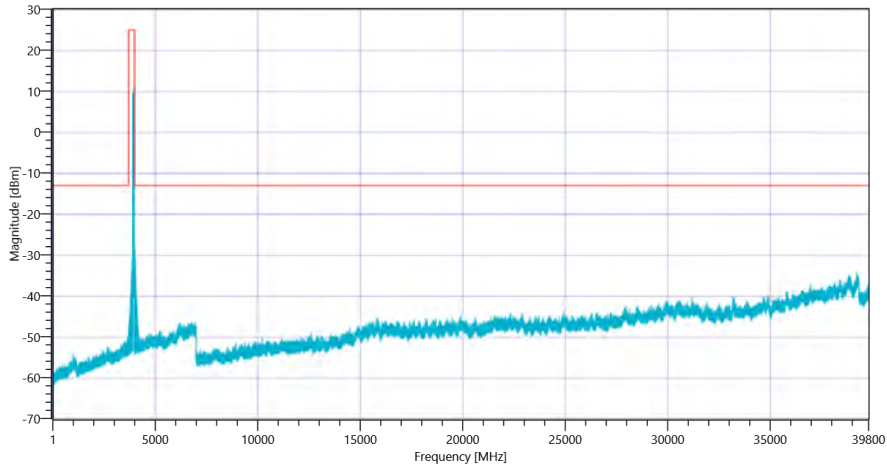
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.70 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

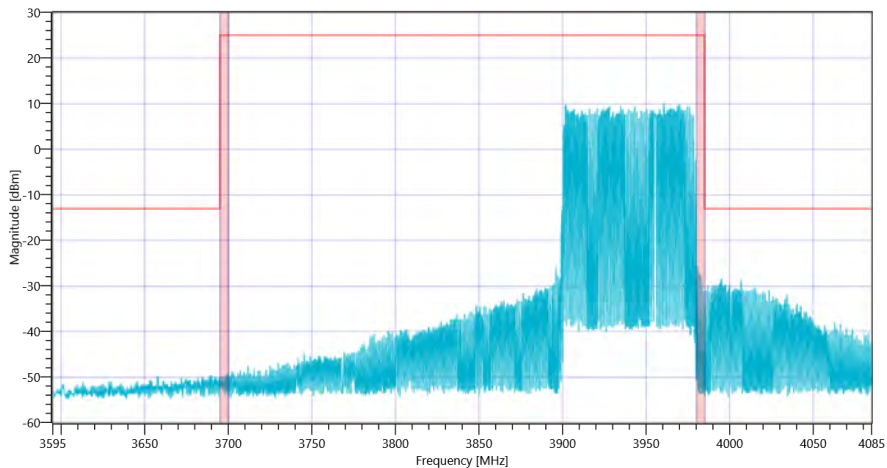
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3940 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3940

Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

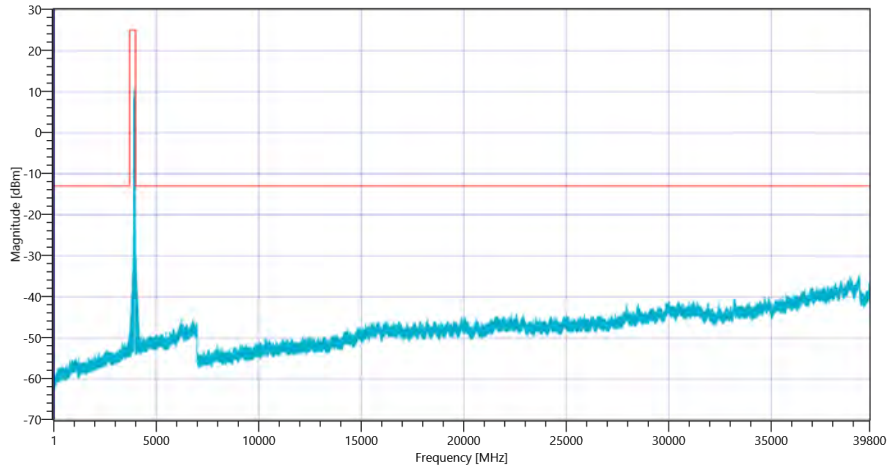
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.20 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 64QAM

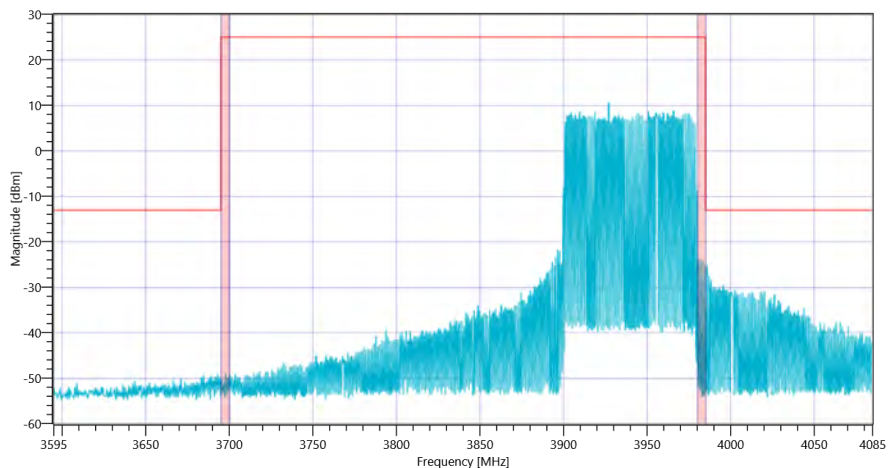
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3940 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3940

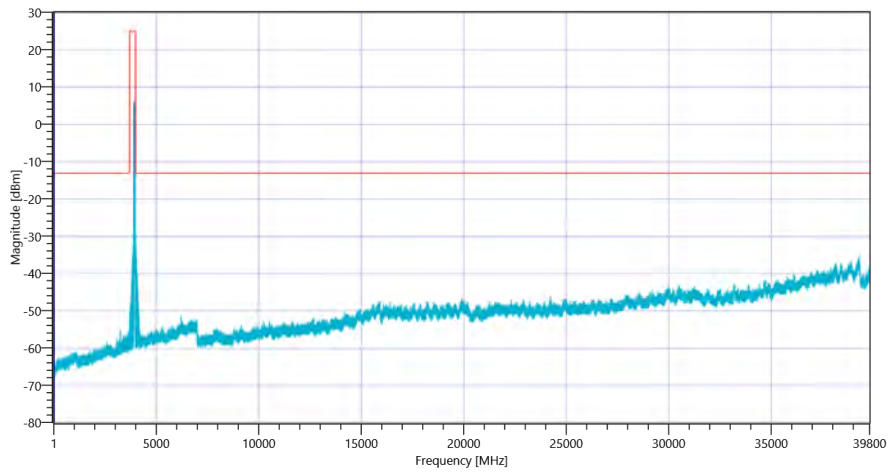
Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

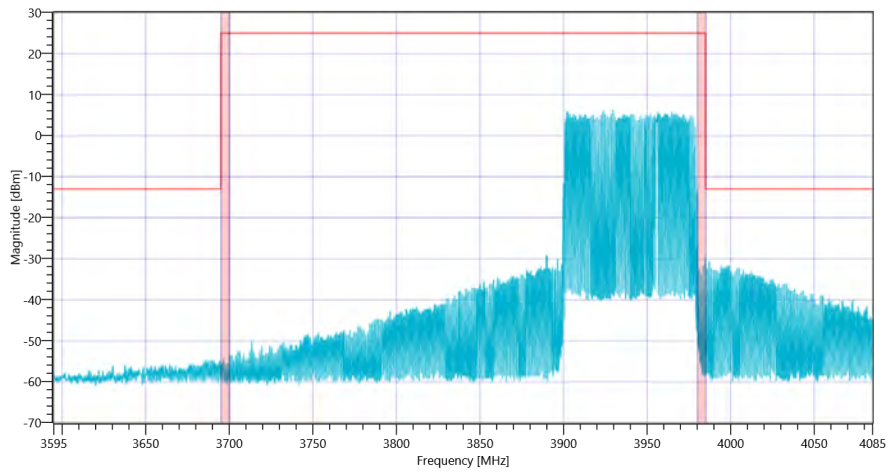
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -5.10 0 10 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3940/0, CBW [MHz]: 80, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3940 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3940

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 26.06.2022 22:45:36 |
| Ambit Temp [°C] Humidity [rel%] | 25.0 56 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 90

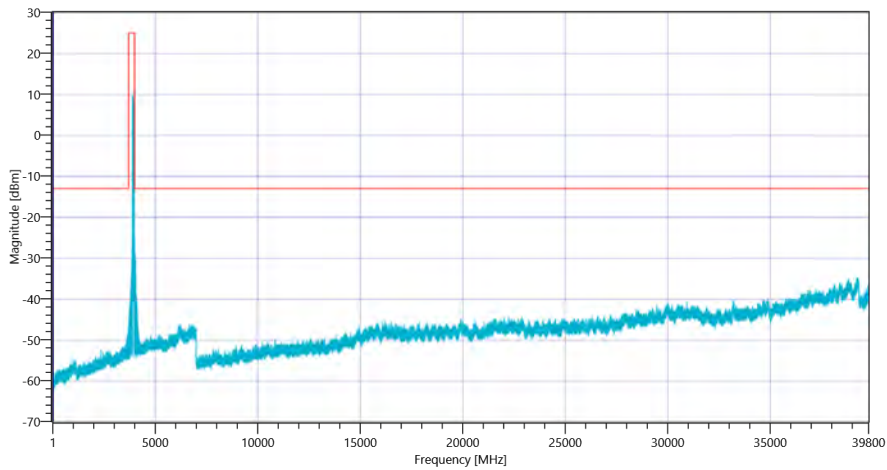
Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

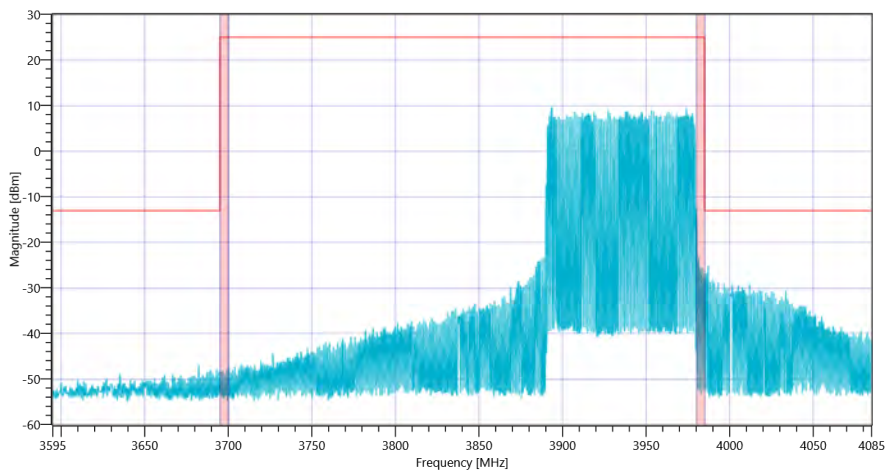
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.36 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3935 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3935

Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

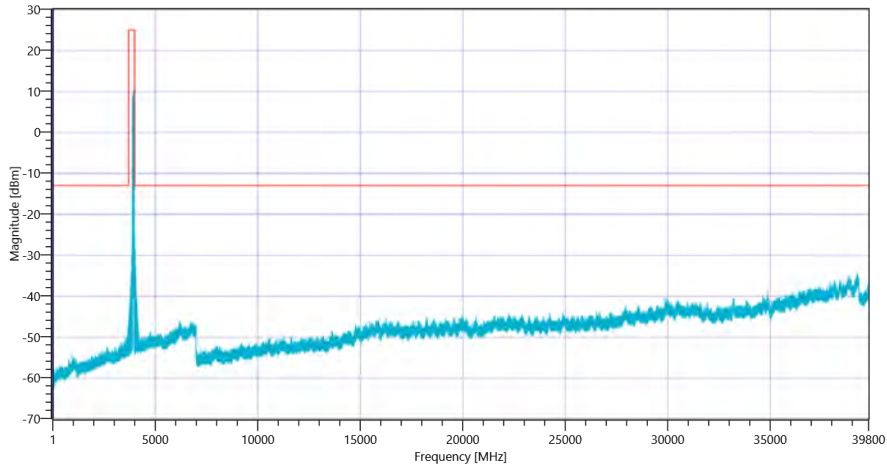
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -1.78 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

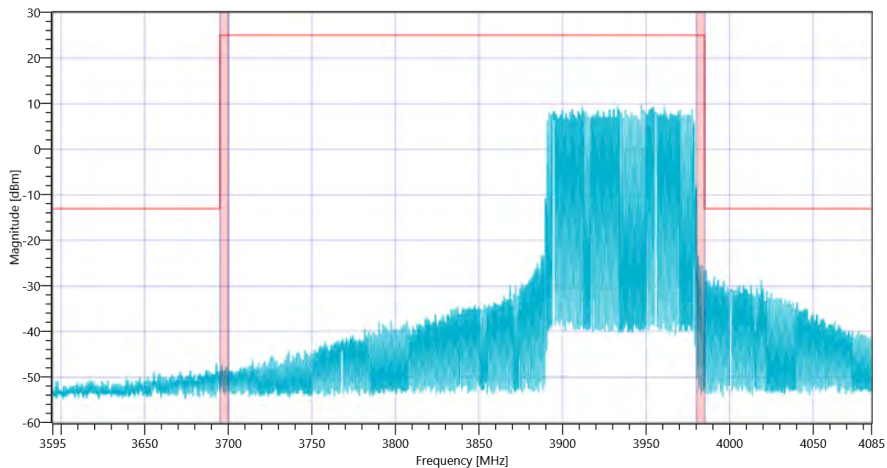
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3935 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3935

Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

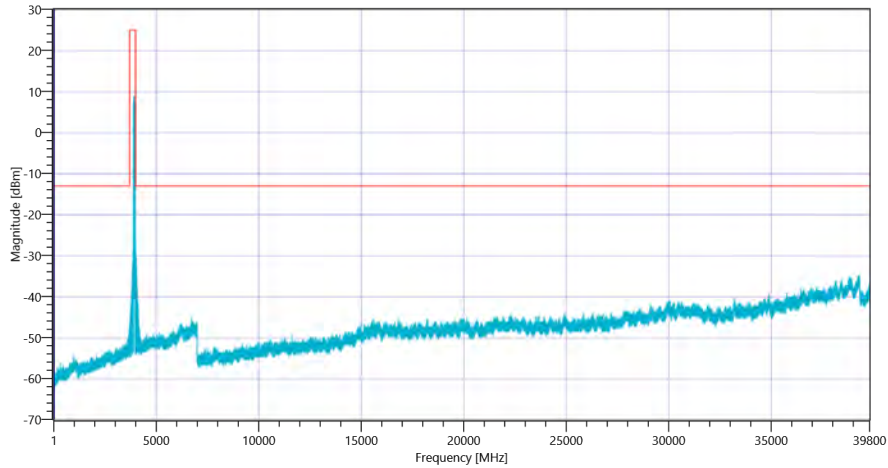
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.54 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

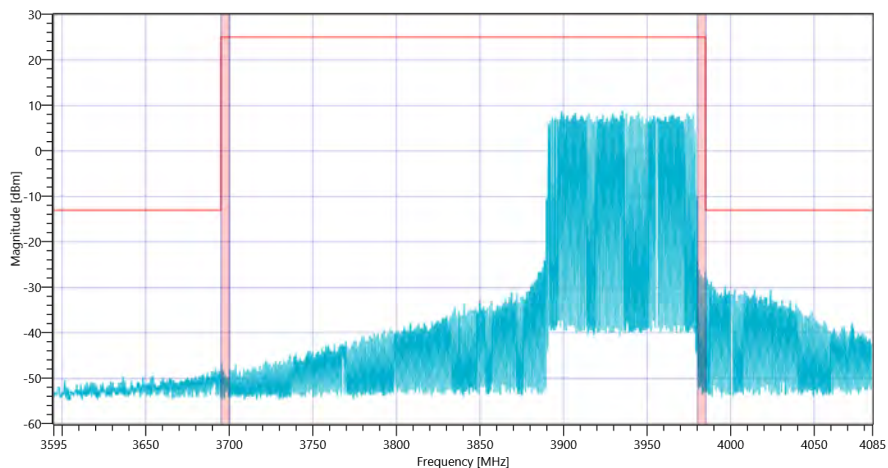
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3935 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3935

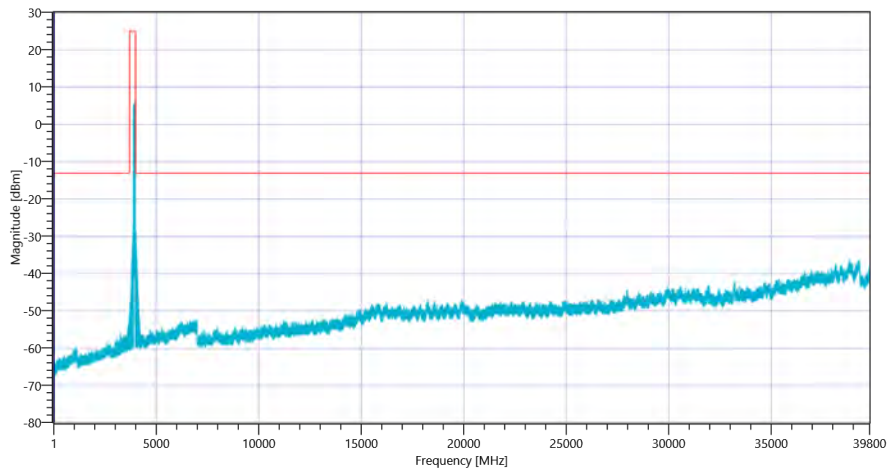
Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

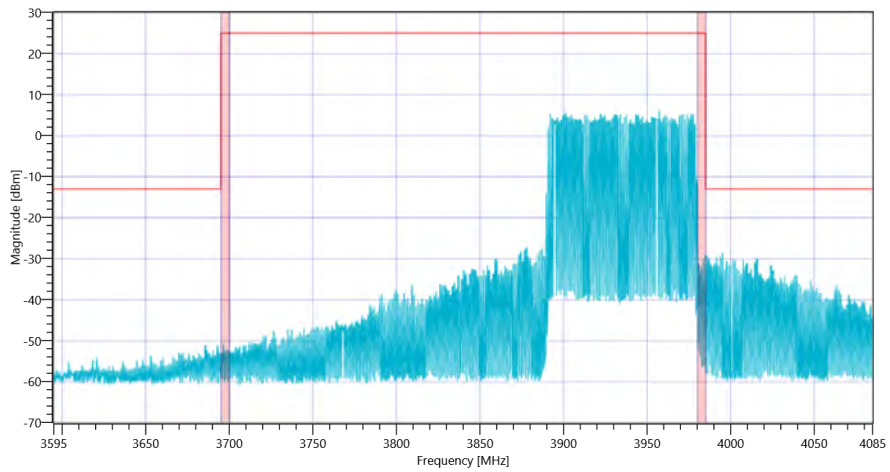
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -5.21 0 10 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3935/0, CBW [MHz]: 90, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3935 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3935

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 26.06.2022 22:11:35 |
| Ambit Temp [°C] Humidity [rel%] | 25.2 55 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | False |
| Frequency mid to test | False |
| Frequency high to test | True |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 100

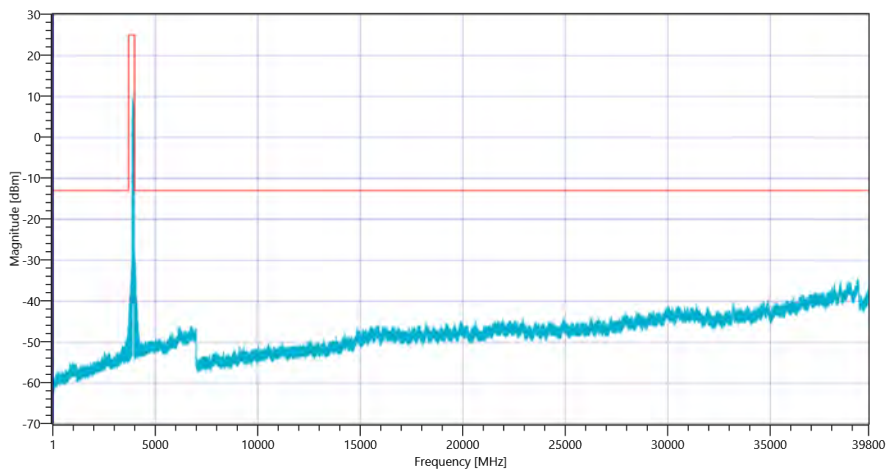
Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

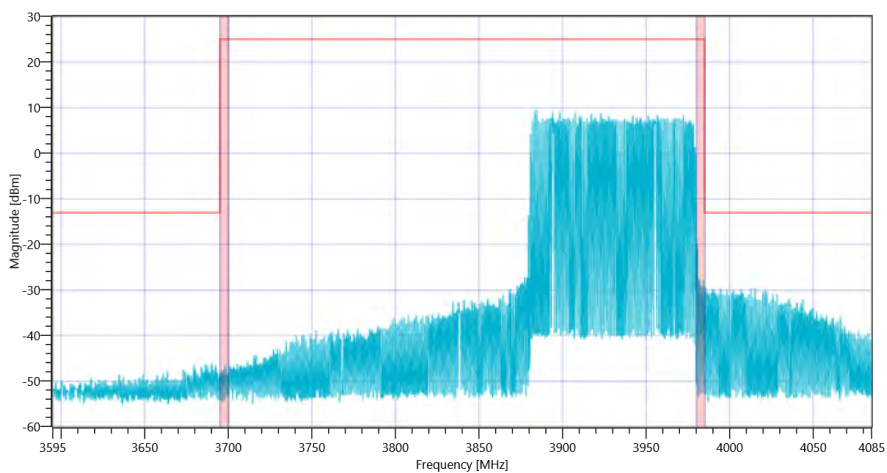
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.06 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3930 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3930

Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

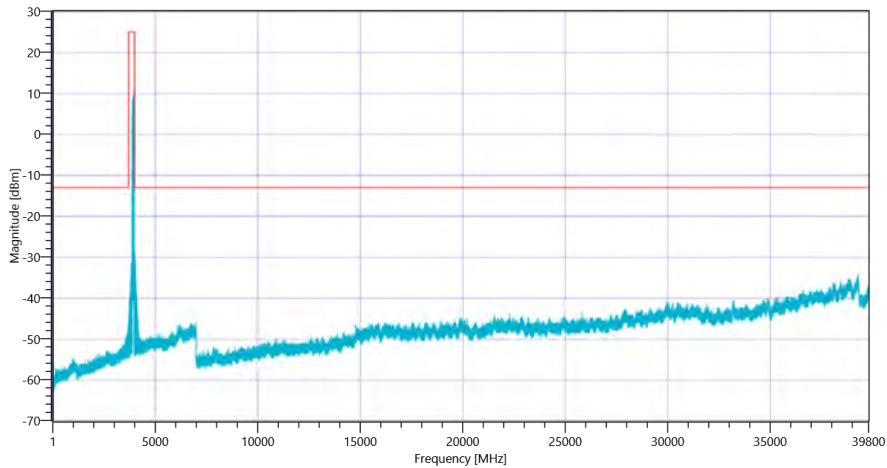
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -2.04 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

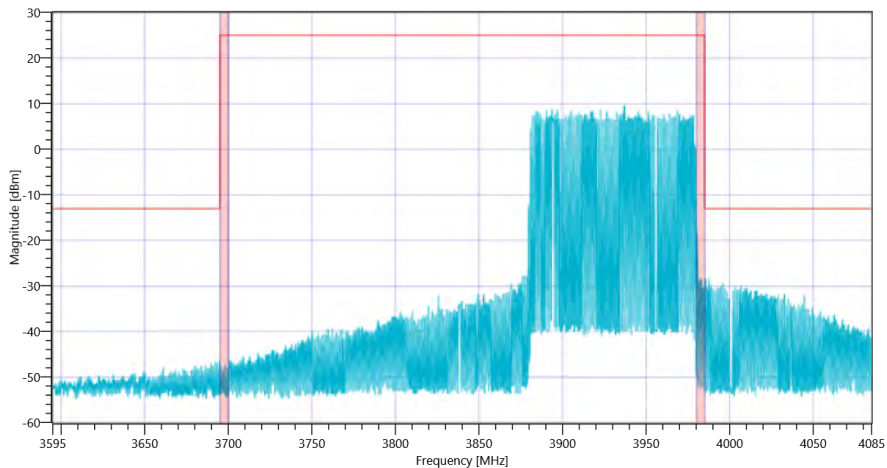
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3930 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3930

Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

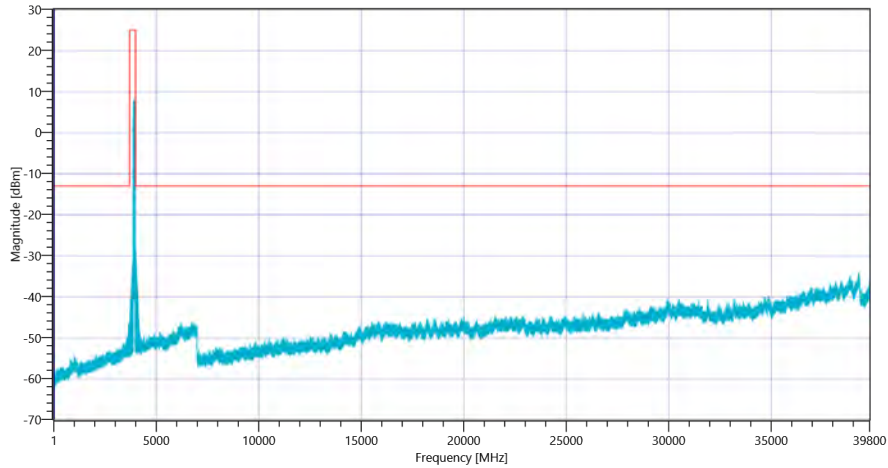
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] -3.05 | 0 | 15
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: 64QAM

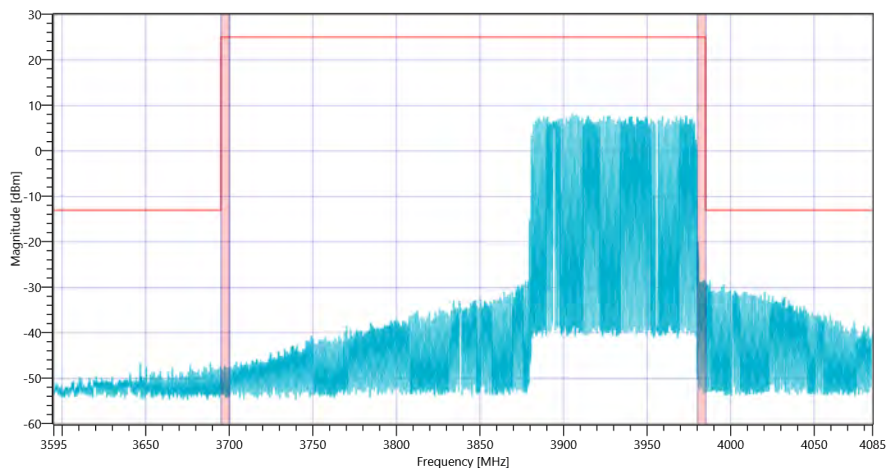
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3930 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3930

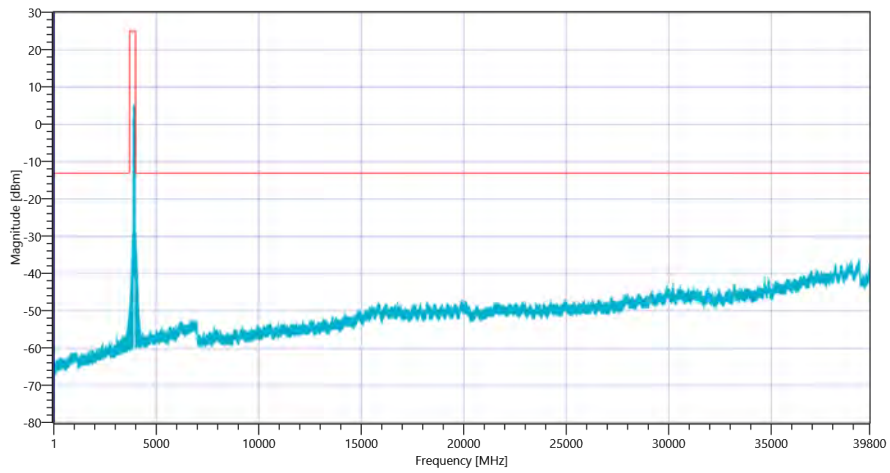
Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

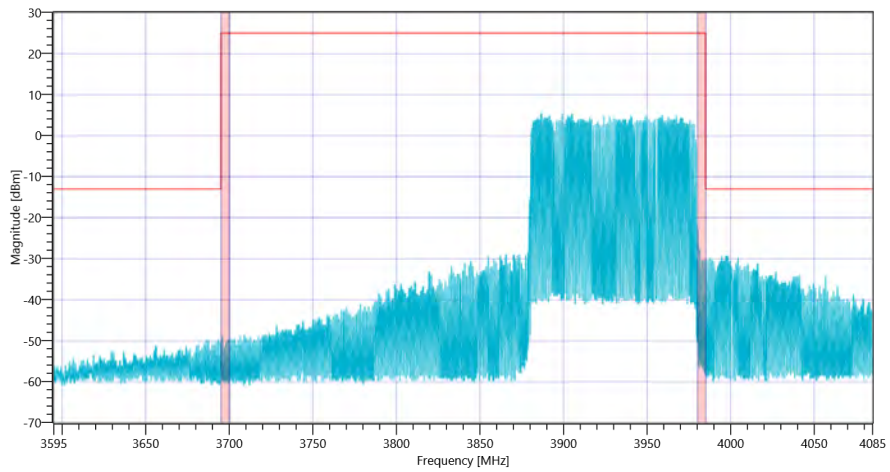
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -5.71 0 10 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: high, UL[MHz]/CH 3930/0, CBW [MHz]: 100, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3930 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3930

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 26.06.2022 21:40:27 |
| Ambit Temp [°C] Humidity [rel%] | 25.2 55 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 10

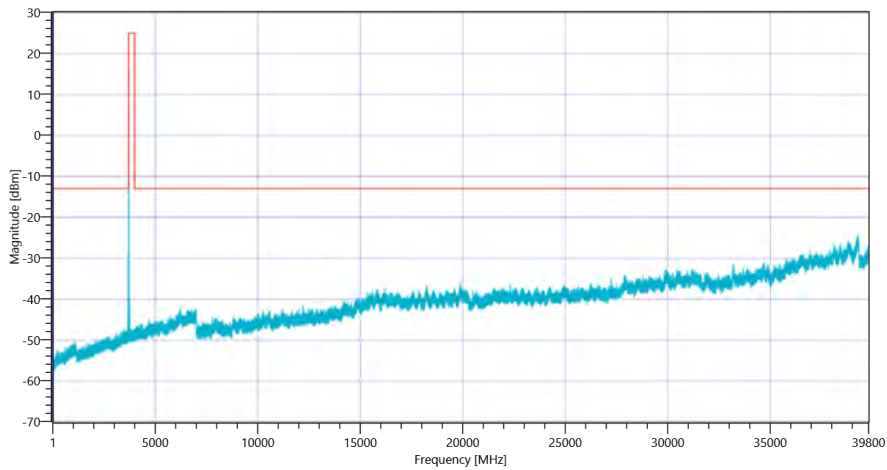
Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

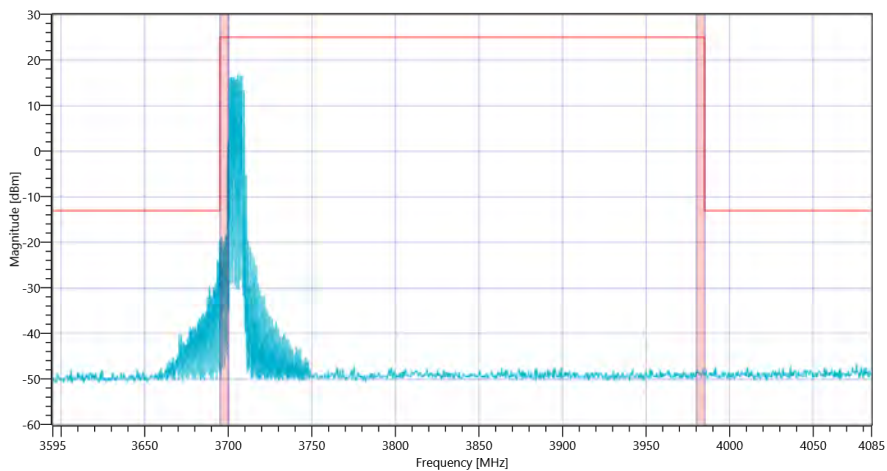
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 4.71 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3705 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3705

Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

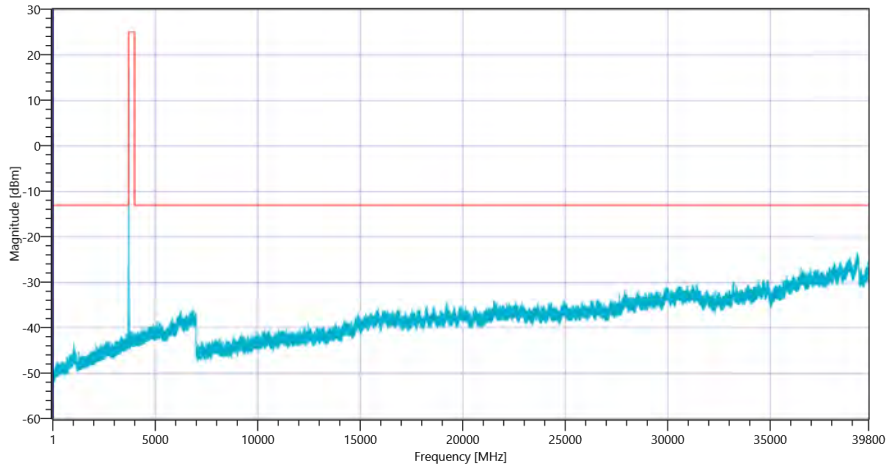
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 5.79 0 25 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

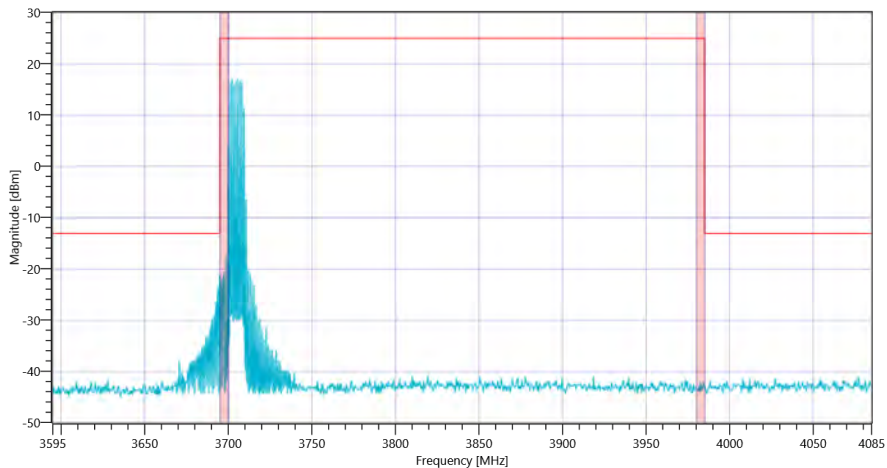
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3705 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3705

Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

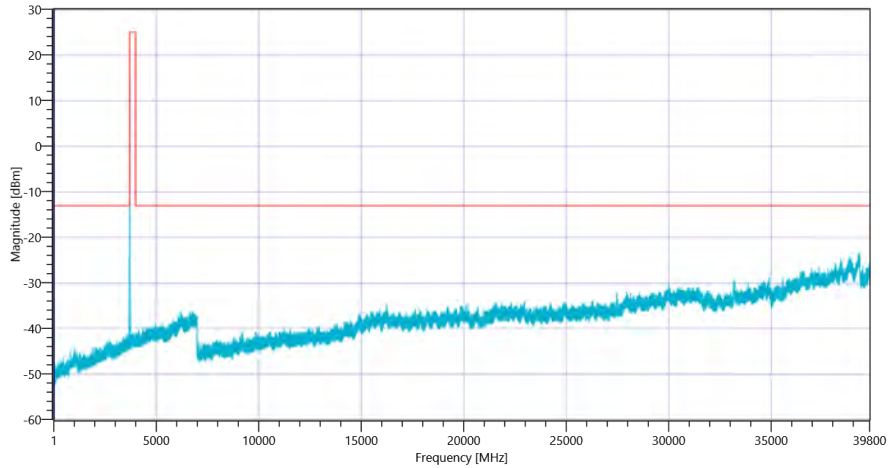
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] 5.84 | 0 | 25
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 64QAM

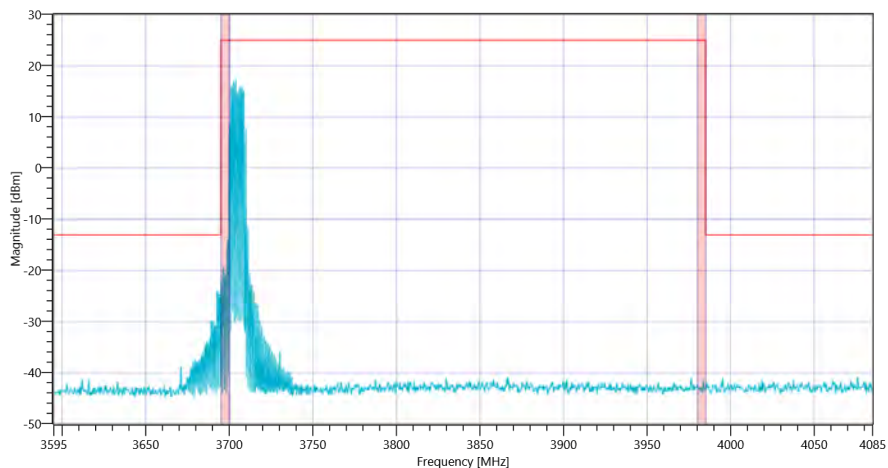
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3705 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3705

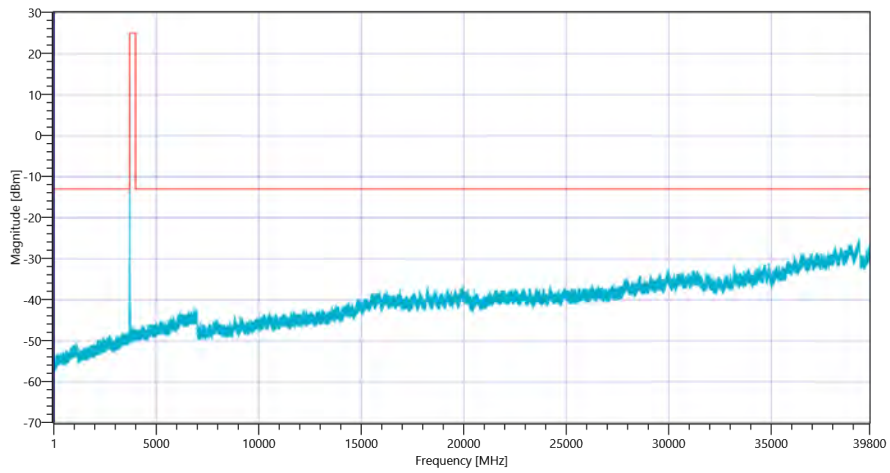
Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

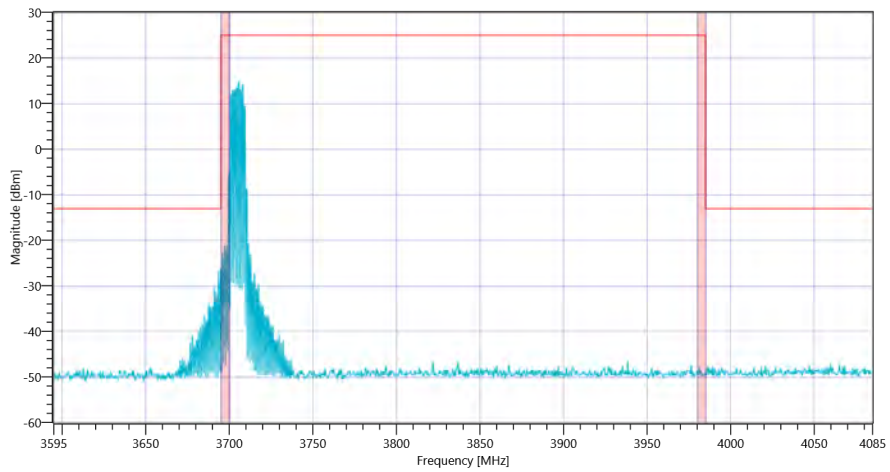
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 3.45 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3705/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3705 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3705

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 26.06.2022 21:09:41 |
| Ambit Temp [°C] Humidity [rel%] | 25.2 55 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 20

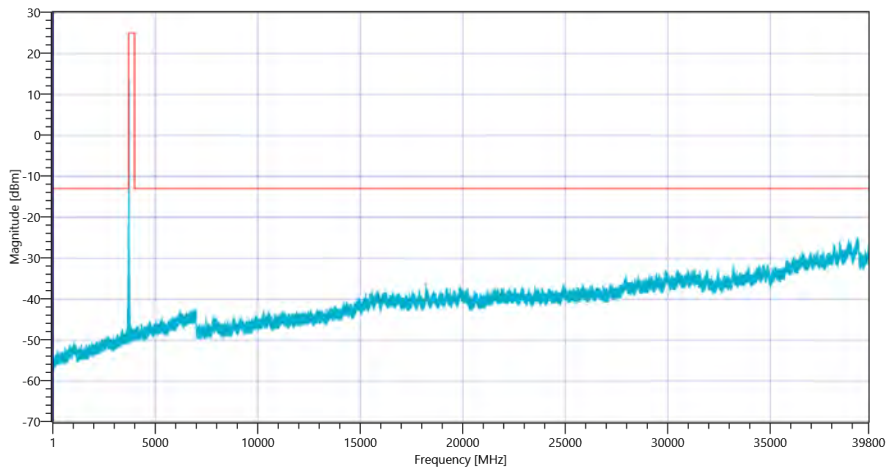
Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

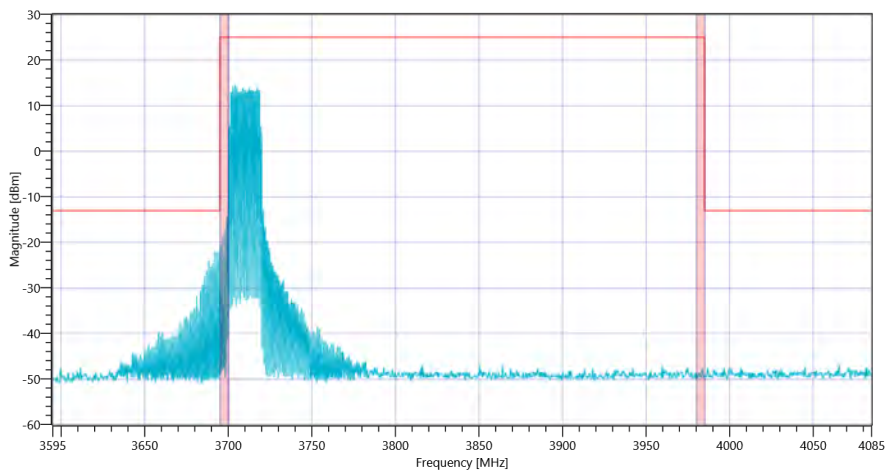
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 2.44 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3710 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3710

Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

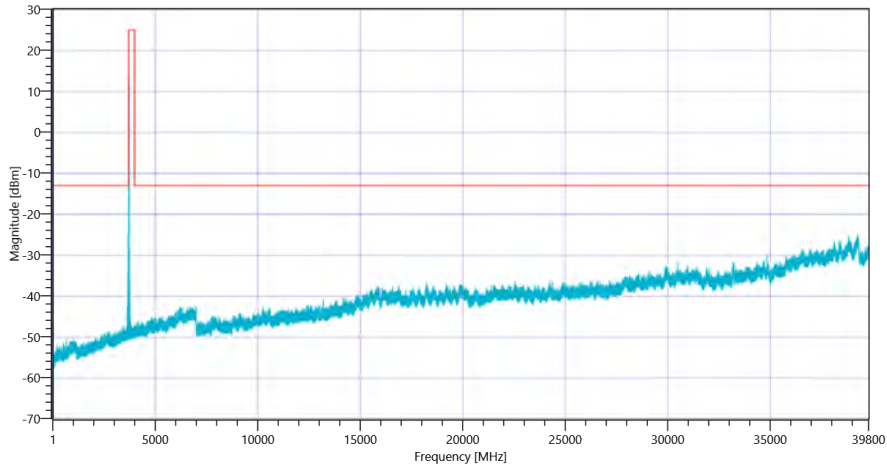
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 3.41 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

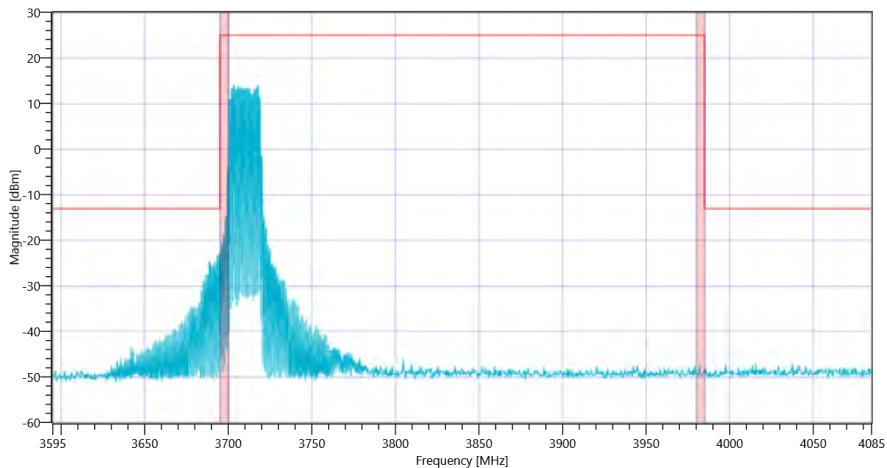
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3710 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3710

Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

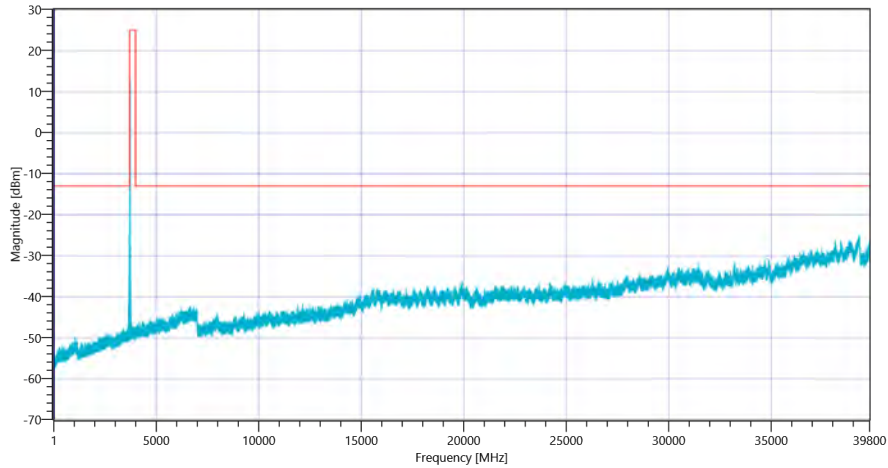
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 3.00 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 64QAM

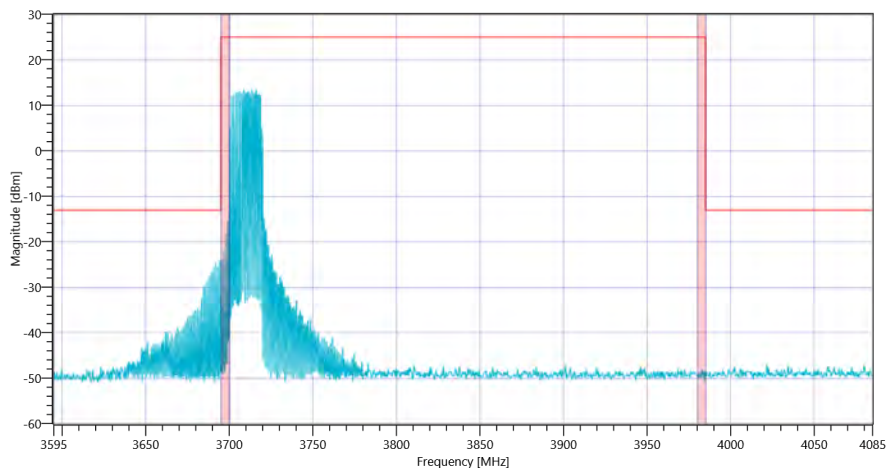
| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|

RESULT Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3710 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3710

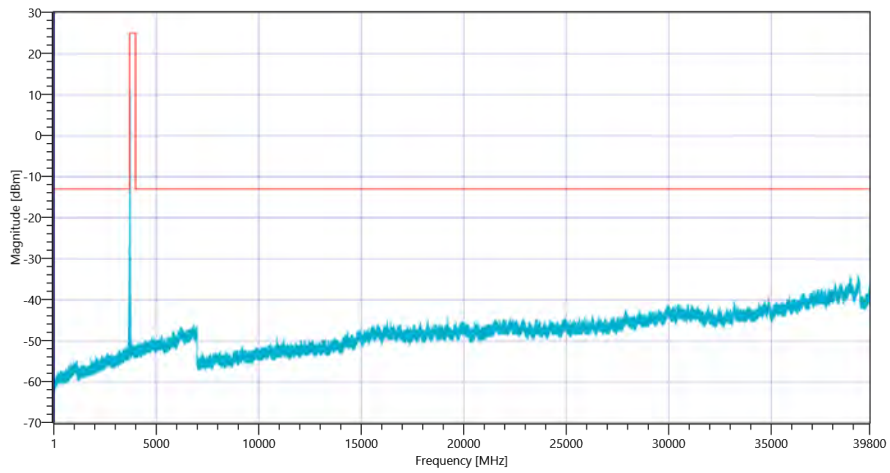
Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

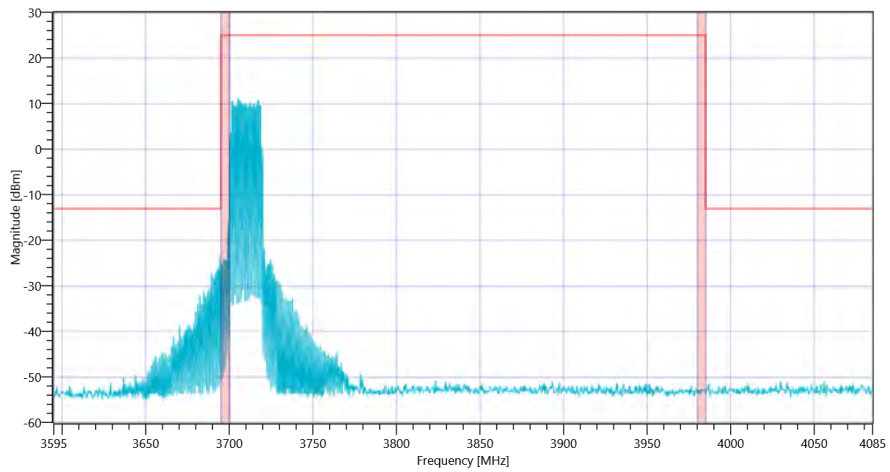
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | -0.25 0 15 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3710/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3710 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3710

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30

| Test References | |
|-----------------------------------|--|
| TC Start | 26.06.2022 20:39:24 |
| Ambit Temp [°C] Humidity [rel%] | 25.2 55 |
| System Version | 3.1.1.3 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio TX Emissions conducted - NR Band_77_B |
| Add. Information | |

| Test Parameter | |
|--|-----------|
| Technology to test | NR |
| Band | Band_77_B |
| SCS [kHz] | 30 |
| Waveform | CPOFDM |
| Antenna Port used | 2 |
| Temperature | nom |
| Voltage | nom |
| Frequency low to test | True |
| Frequency mid to test | False |
| Frequency high to test | False |
| Auto Control enabled Power Supply Climatic Box | No No |
| Additional Path Loss [dB] | 0 |
| Switched Path | None |

| Test Equipment | |
|---|--|
| Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70 | |

Test at BW [MHz]: 30

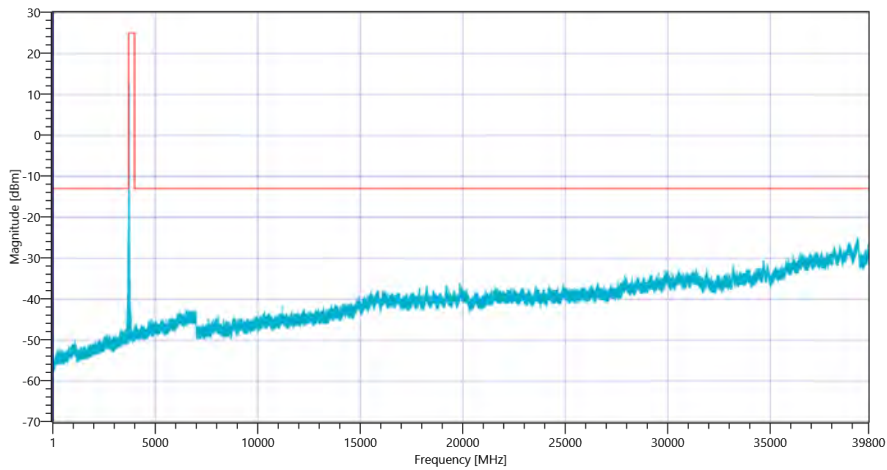
Test freq: low, UL[MHz]/CH 3715/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

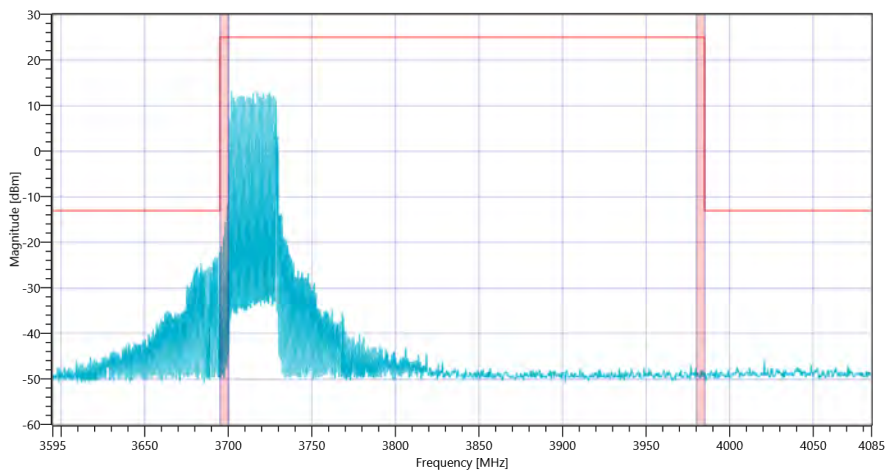
| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 0.94 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3715/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3715 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3715

Test freq: low, UL[MHz]/CH 3715/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

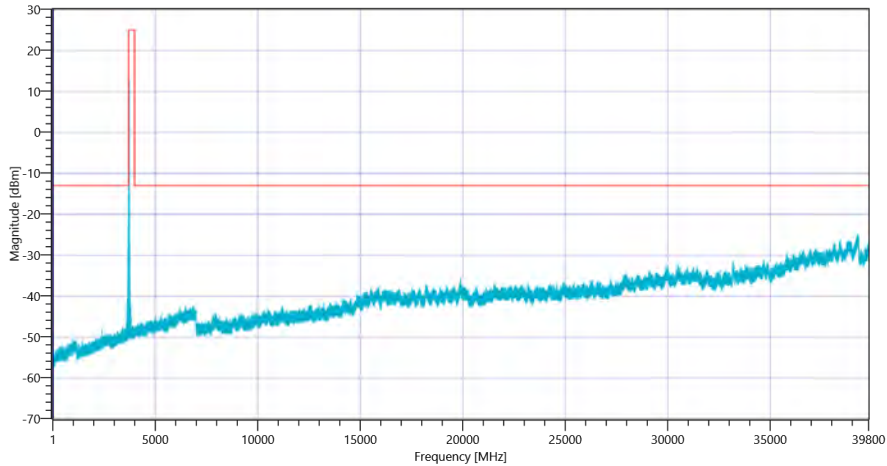
| | |
|--|---------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 2.02 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |

READ SA SETTINGS:

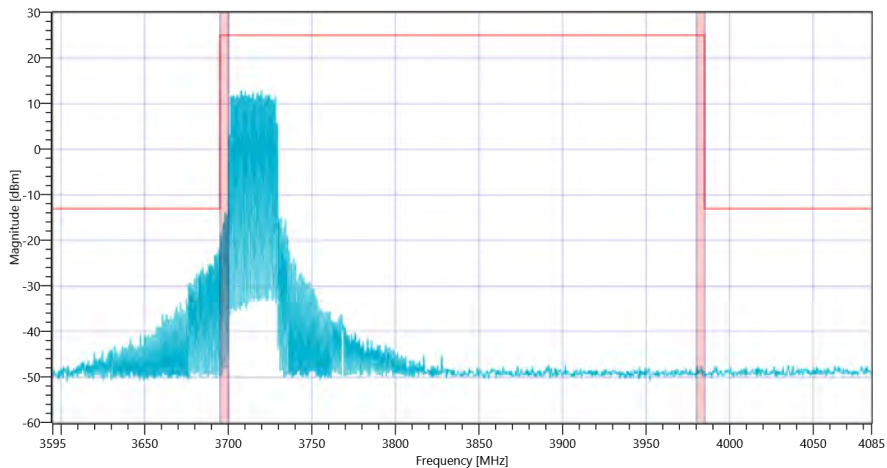
| | |
|--|-----------------------|
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3715/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|--------------------|-------------|-------------|----------|------|---------|
| Peaks higher limit | --- | 0 | 0 | no | PASS |



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3715 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_77_B Ant-2 SCS-30 3715

Test freq: low, UL[MHz]/CH 3715/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|--|-----------------------|
| RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB] | 0.99 0 20 |
| Start [MHz] Stop [MHz] | 1.000 401.000 |
| RBW [MHz] VBW [MHz] | 1.000000 3.000000 |
| Detector TraceMode | POS MAXH |
| Sweep: Time [ms] Count Points per Section Type | 1600 1 1001 SWE |

RESULT Test freq: low, UL[MHz]/CH 3715/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
|------------------|-------------|-------------|----------|------|---------|