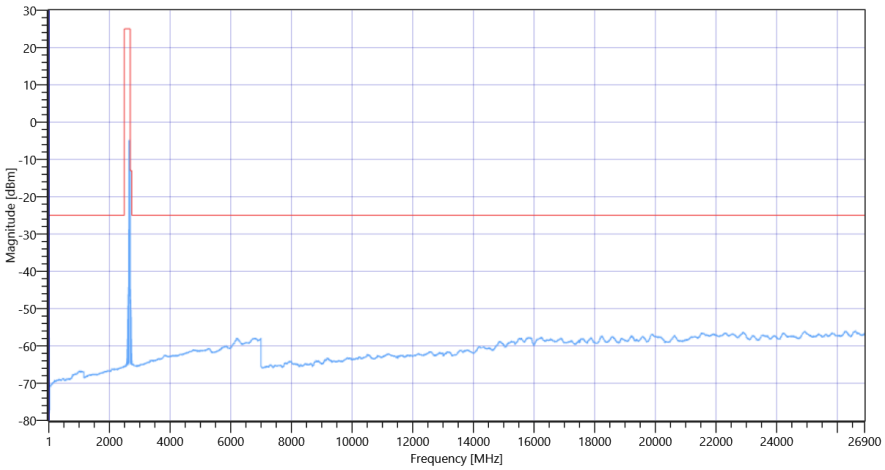
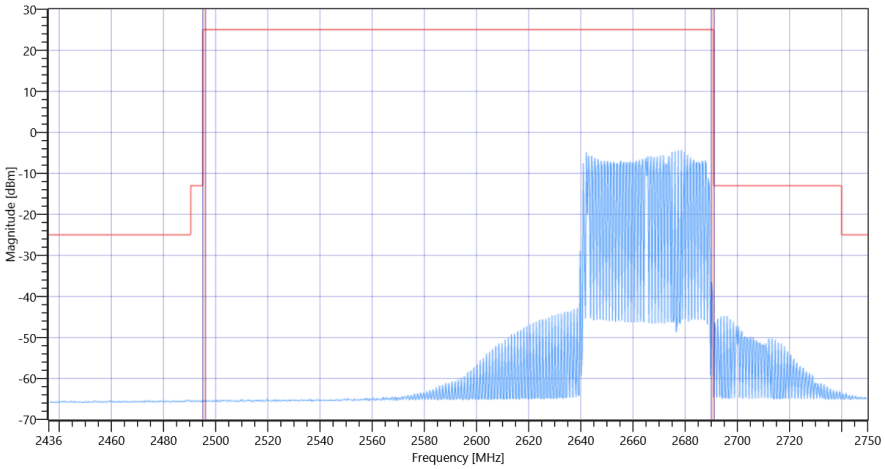
RESULT Test freq: high, UL[MHz]/CH 2664.99/532998, CBW [MHz]: 50, RB_100PCT, Mod: 256QAM

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




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2664.99 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2664.99*

## Test at BW [MHz]: 60

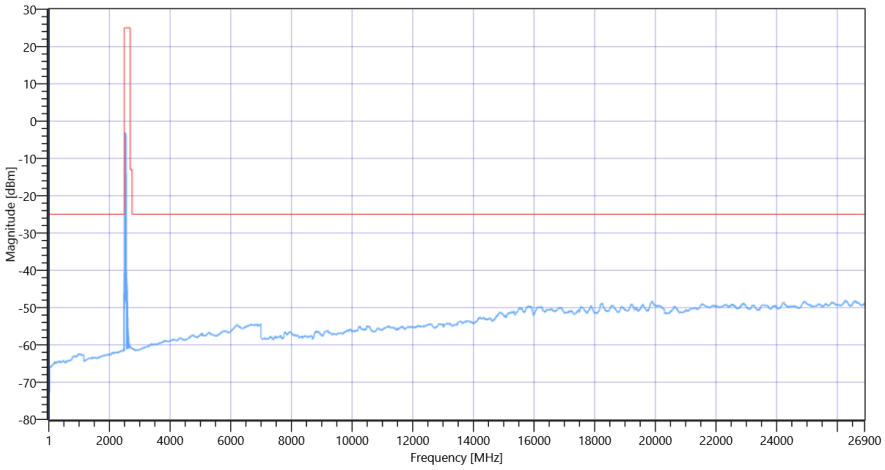
Test freq: low, UL[MHz]/CH 2526/505200, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

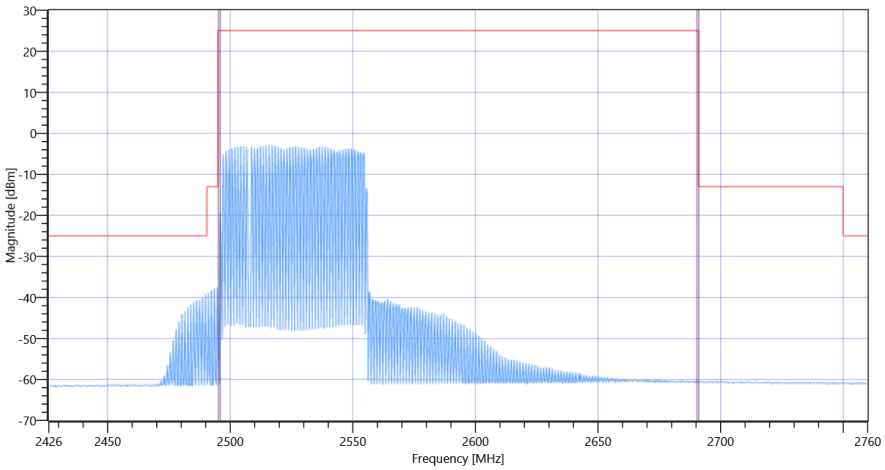
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 0.06 \| 0 \| 20 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: low, UL[MHz]/CH 2526/505200, 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_41 Ant-2 SCS-30 2526 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2526*

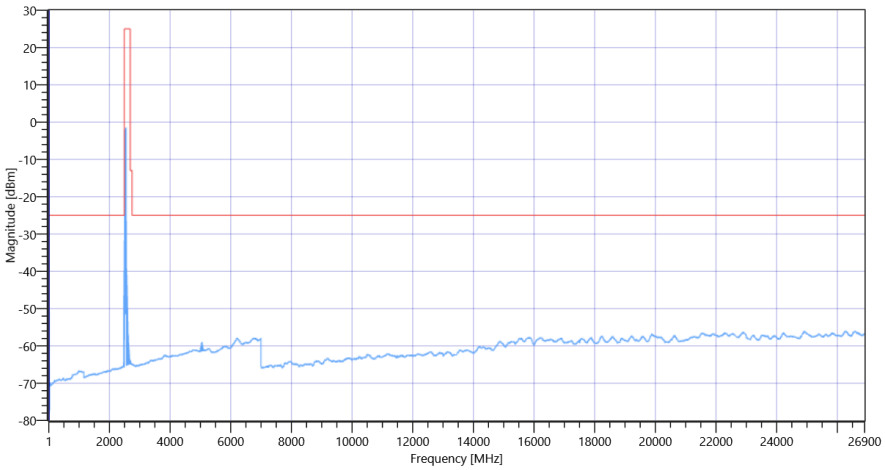
Test freq: low, UL[MHz]/CH 2526/505200, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

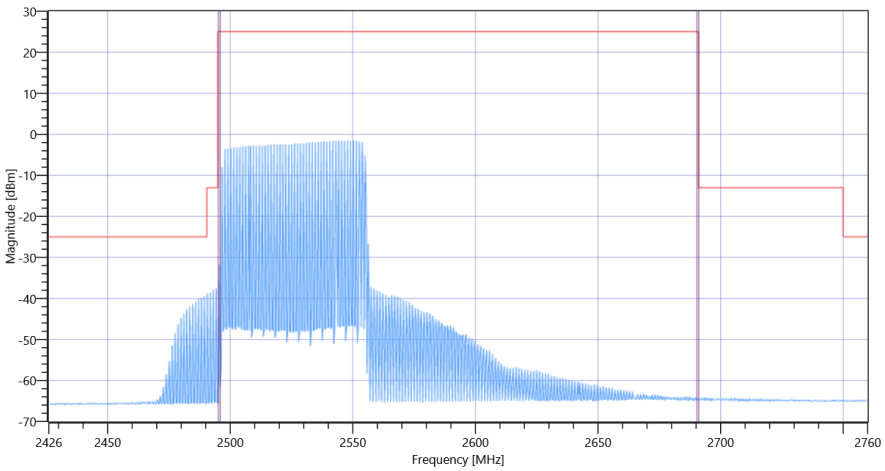
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -0.76 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: low, UL[MHz]/CH 2526/505200, 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_41 Ant-2 SCS-30 2526 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2526*

Test freq: low, UL[MHz]/CH 2526/505200, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

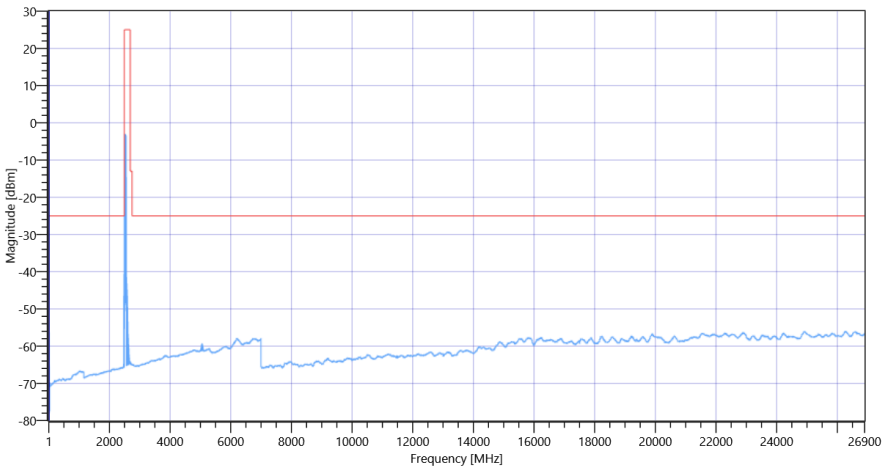
READ SA SETTINGS:

READ SA SETTINGS:

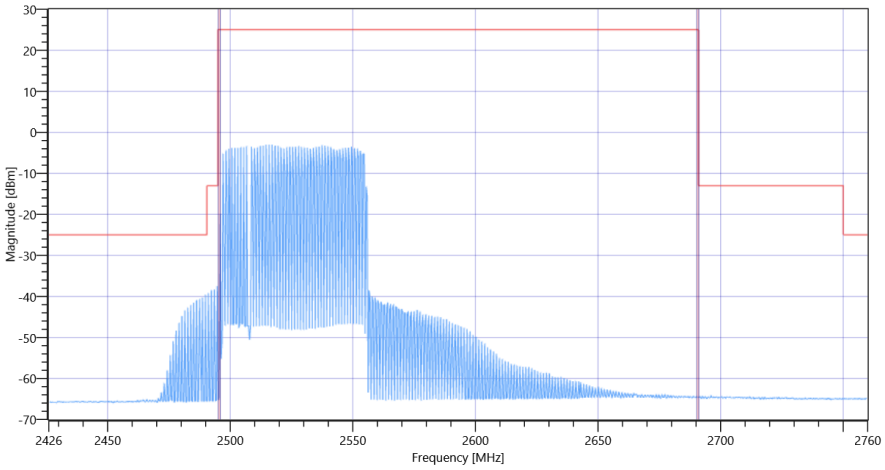
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -1.17 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1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

RESULT Test freq: low, UL[MHz]/CH 2526/505200, 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_41 Ant-2 SCS-30 2526 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2526*

Test freq: low, UL[MHz]/CH 2526/505200, CBW [MHz]: 60, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

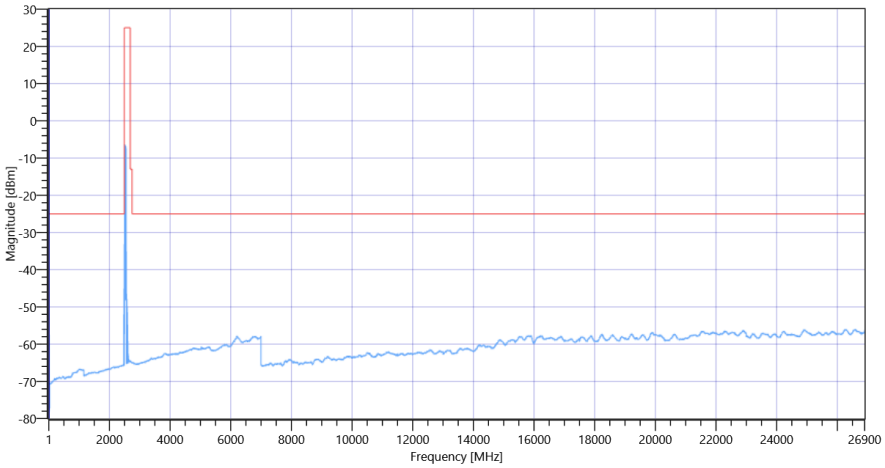
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -2.50 \| 0 \| 15 |

READ SA SETTINGS:

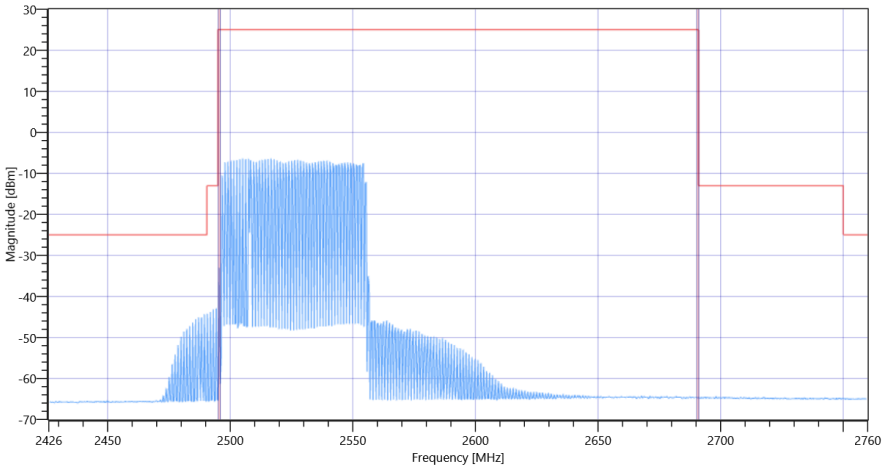
| | |
|---|---|
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: low, UL[MHz]/CH 2526/505200, 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_41 Ant-2 SCS-30 2526 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2526*

Test freq: mid, UL[MHz]/CH 2592.99/518598, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

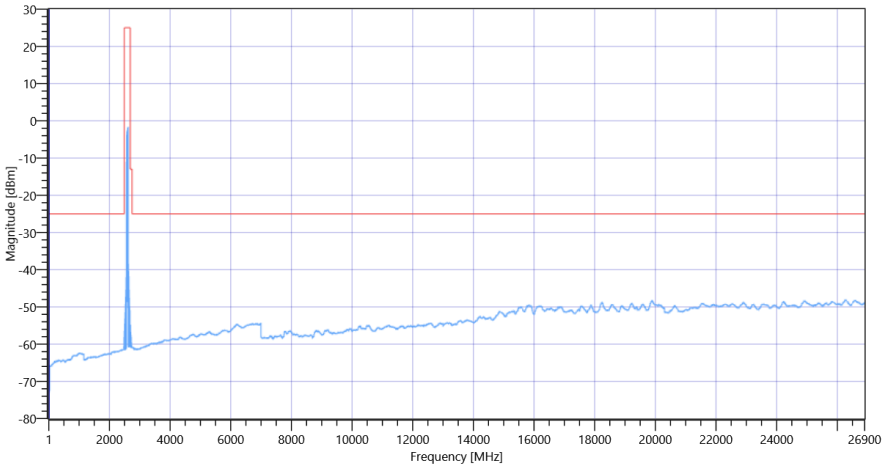
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 0.04 \| 0 \| 20 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |

READ SA SETTINGS:

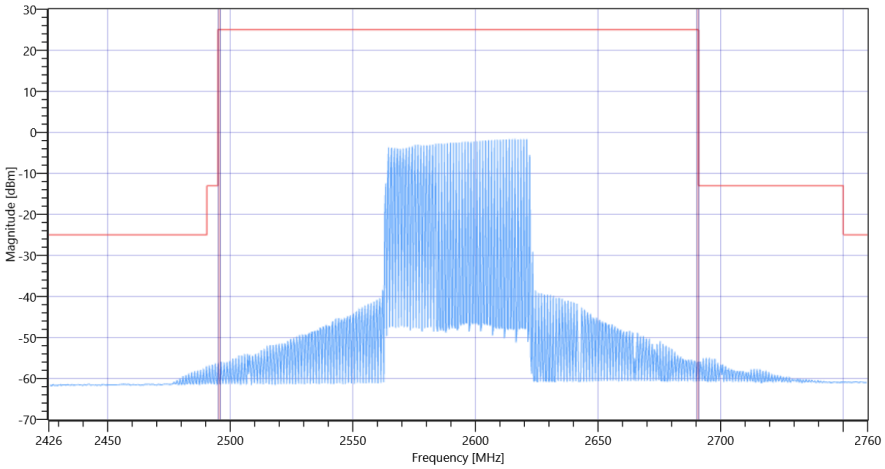
| | |
|---|---|
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: mid, UL[MHz]/CH 2592.99/518598, 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_41 Ant-2 SCS-30 2592.99 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2592.99*

Test freq: mid, UL[MHz]/CH 2592.99/518598, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

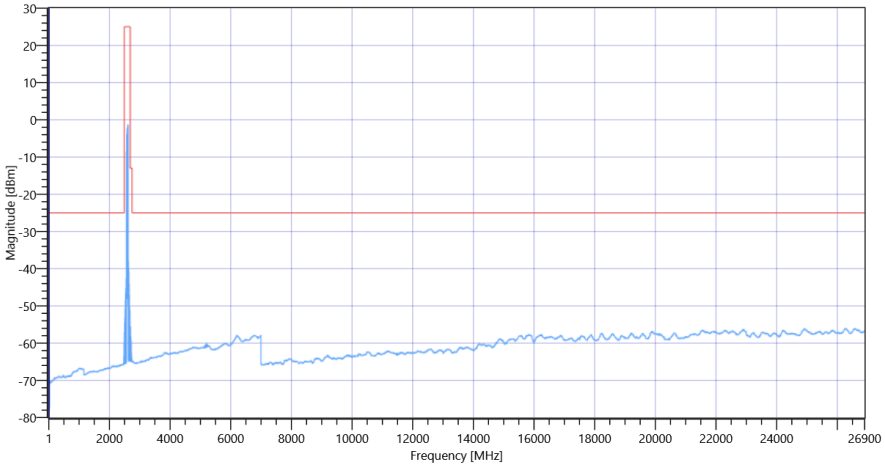
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -0.76 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |

READ SA SETTINGS:

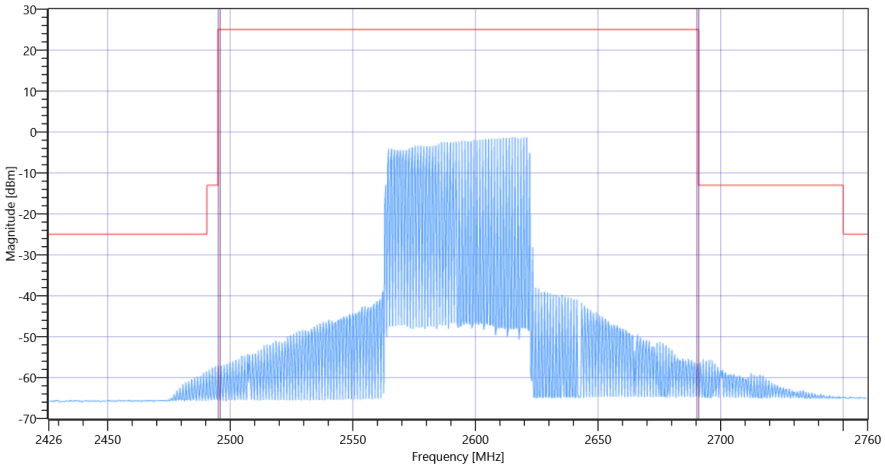
| | |
|---|---|
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: mid, UL[MHz]/CH 2592.99/518598, 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_41 Ant-2 SCS-30 2592.99 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2592.99*

Test freq: mid, UL[MHz]/CH 2592.99/518598, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

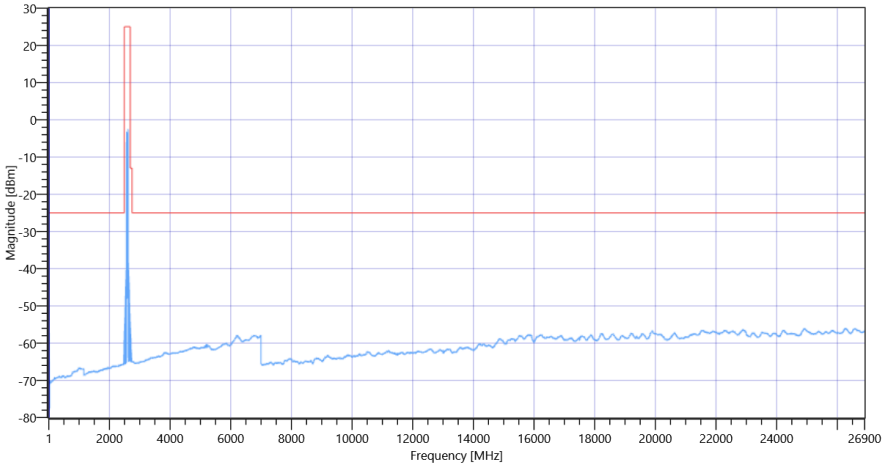
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -1.08 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |

READ SA SETTINGS:

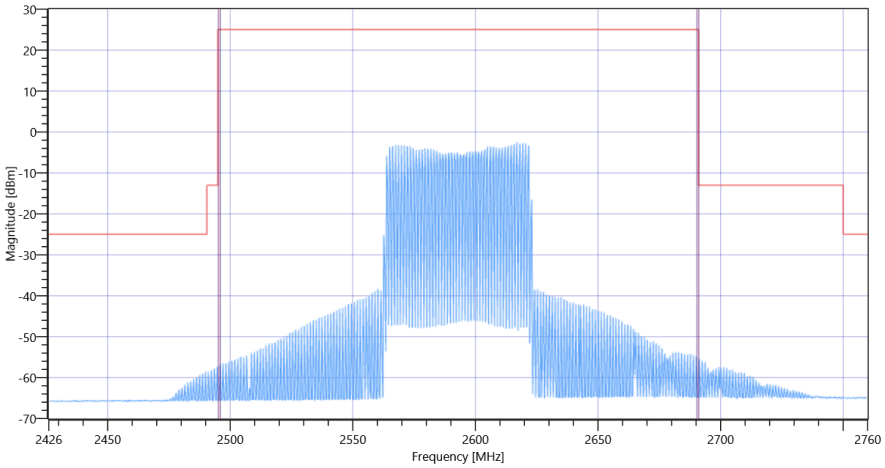
| | |
|---|---|
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: mid, UL[MHz]/CH 2592.99/518598, 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_41 Ant-2 SCS-30 2592.99 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2592.99*

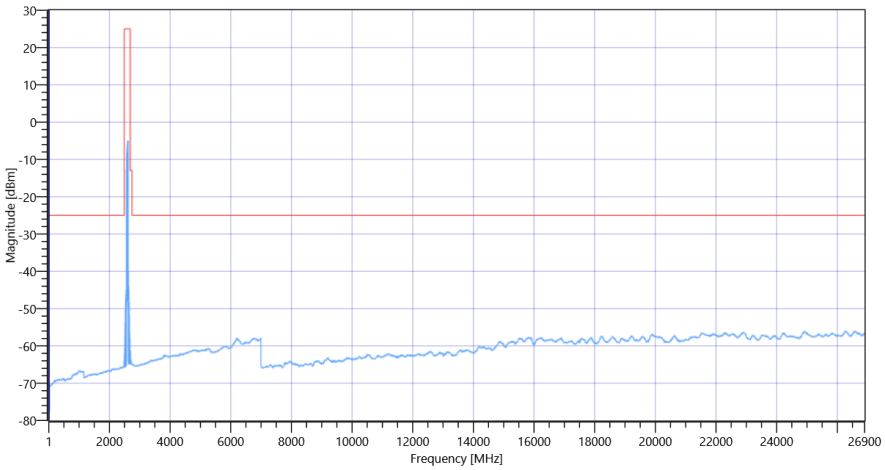
Test freq: mid, UL[MHz]/CH 2592.99/518598, CBW [MHz]: 60, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

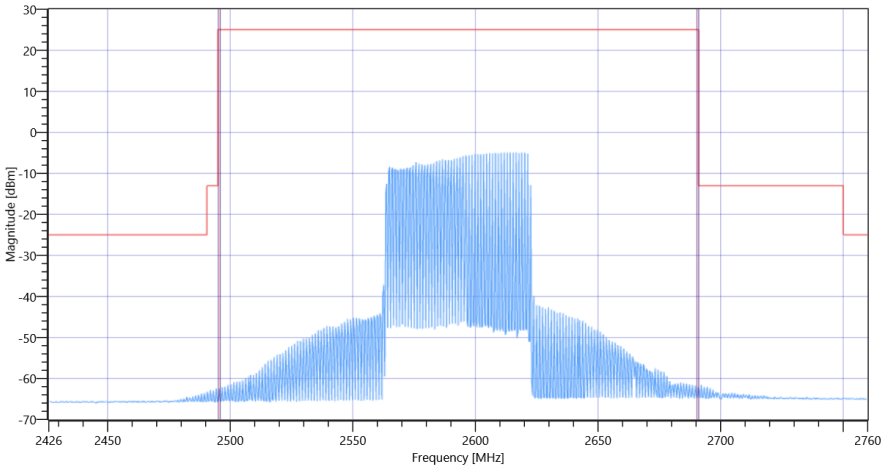
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -2.66 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: mid, UL[MHz]/CH 2592.99/518598, 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_41 Ant-2 SCS-30 2592.99 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2592.99*

Test freq: high, UL[MHz]/CH 2659.98/531996, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

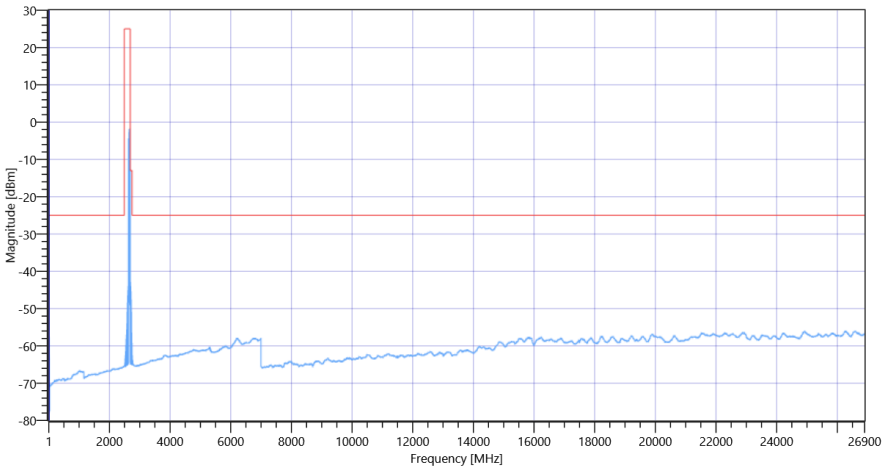
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -0.77 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: high, UL[MHz]/CH 2659.98/531996, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

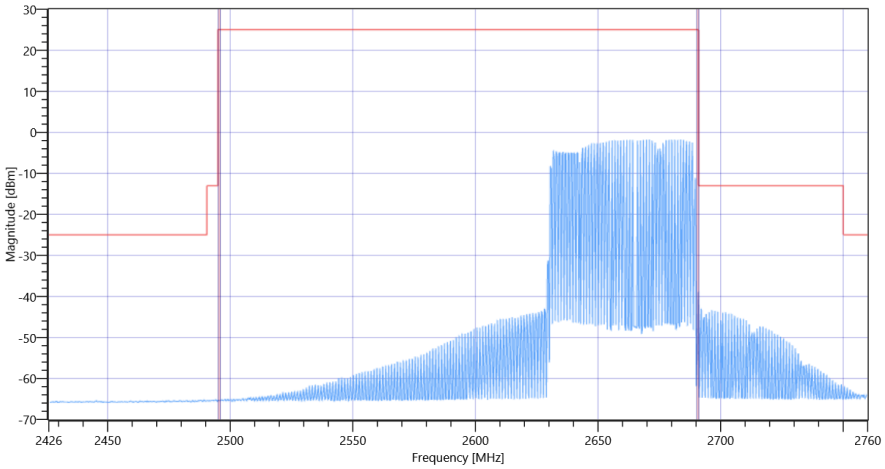
| *Test Description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|

RESULT Test freq: high, UL[MHz]/CH 2659.98/531996, 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_41 Ant-2 SCS-30 2659.98 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2659.98*

Test freq: high, UL[MHz]/CH 2659.98/531996, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

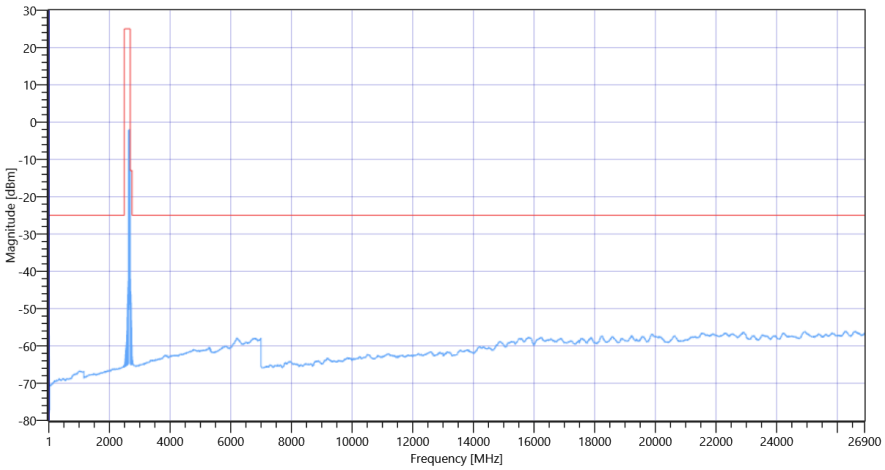
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -0.35 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: high, UL[MHz]/CH 2659.98/531996, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

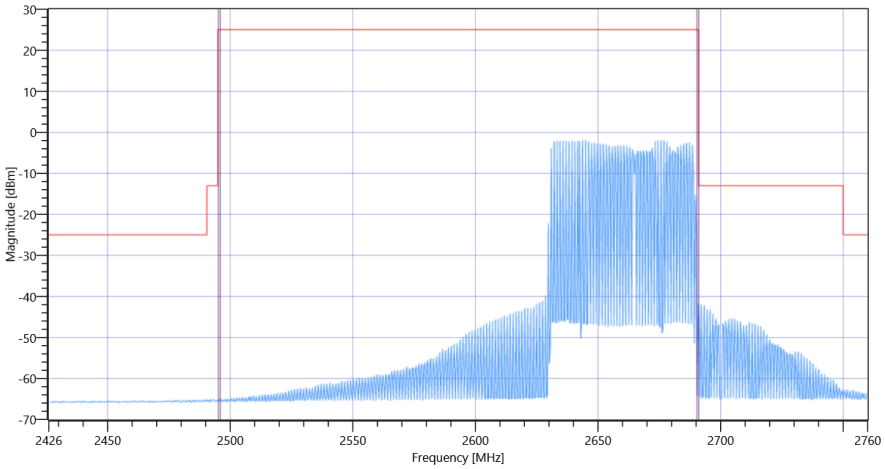
| *Test Description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|

RESULT Test freq: high, UL[MHz]/CH 2659.98/531996, 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_41 Ant-2 SCS-30 2659.98 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2659.98*

Test freq: high, UL[MHz]/CH 2659.98/531996, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

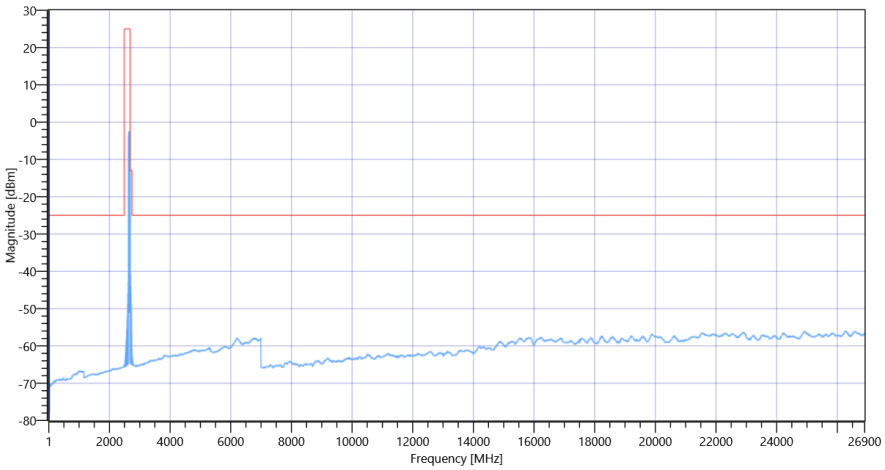
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -1.34 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: high, UL[MHz]/CH 2659.98/531996, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

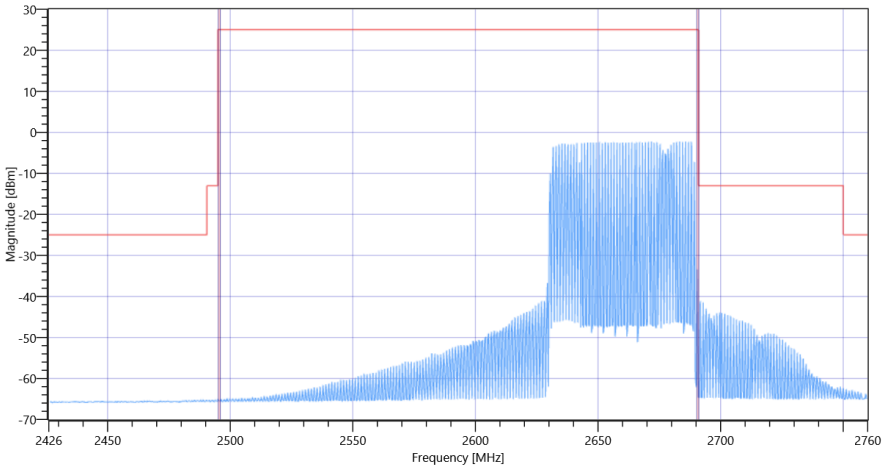
| *Test Description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|

RESULT Test freq: high, UL[MHz]/CH 2659.98/531996, 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_41 Ant-2 SCS-30 2659.98 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2659.98*

Test freq: high, UL[MHz]/CH 2659.98/531996, CBW [MHz]: 60, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

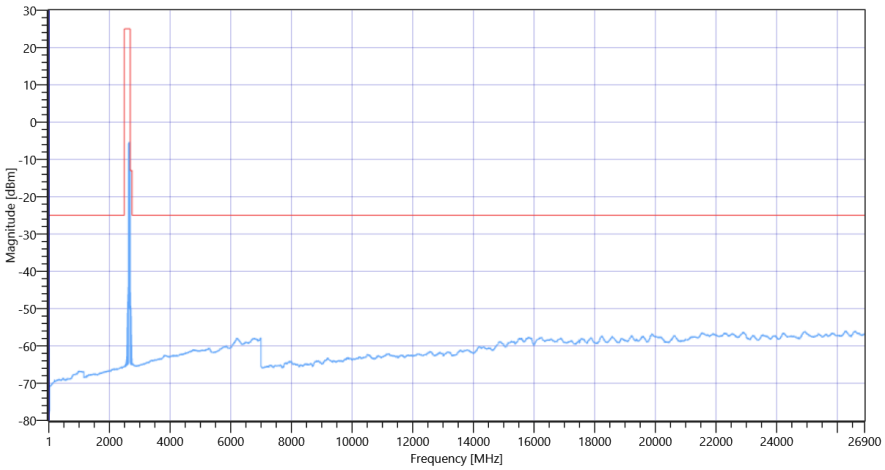
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | -2.39 \| 0 \| 15 |
| Start [MHz] \| Stop [MHz] | 1.000 \| 401.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | POS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 1600 \| 1 \| 1001 \| SWE |

RESULT Test freq: high, UL[MHz]/CH 2659.98/531996, CBW [MHz]: 60, RB_100PCT, Mod: 256QAM

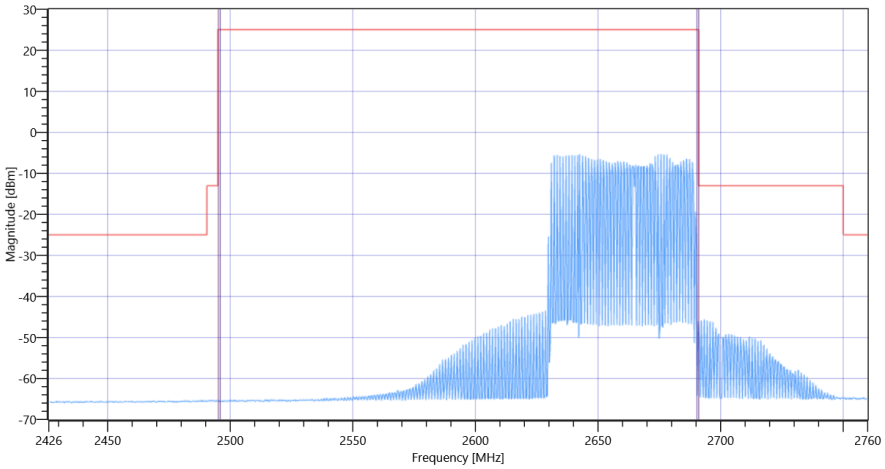
| *Test Description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|

RESULT Test freq: high, UL[MHz]/CH 2659.98/531996, 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_41 Ant-2 SCS-30 2659.98 MHz*




*FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2659.98*

# FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30

## Test References

| | |
|---|---|
| TC Start | 07.11.2022 16:55:53 |
| Ambit Temp [°C] \| Humidity [rel%] | 24.8 \| 38 |
| System Version | 3.3.1.7 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_41 |
| Add. Information | |

## Test Parameter

| | |
|---|---|
| Technology to test | NR |
| Band | Band_41 |
| 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 | 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

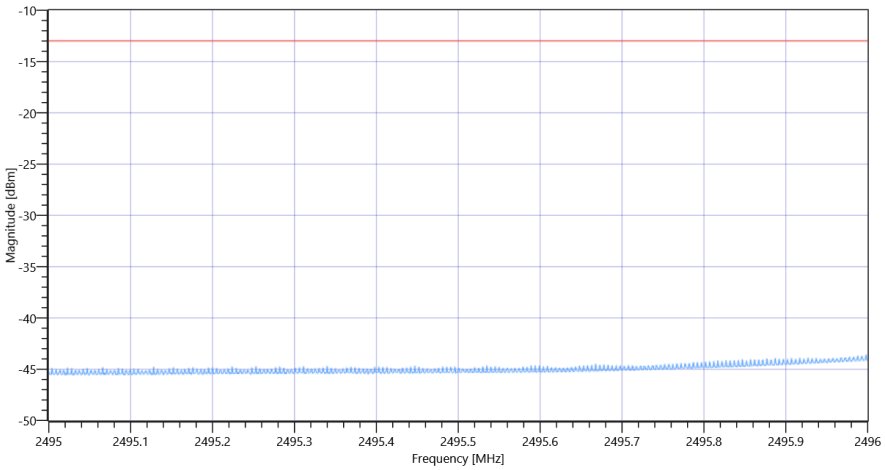
Test freq: low, UL[MHz]/CH 2531.01/506202, CBW [MHz]: 70, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.82 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -42.26 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

Test freq: low, UL[MHz]/CH 2531.01/506202, CBW [MHz]: 70, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

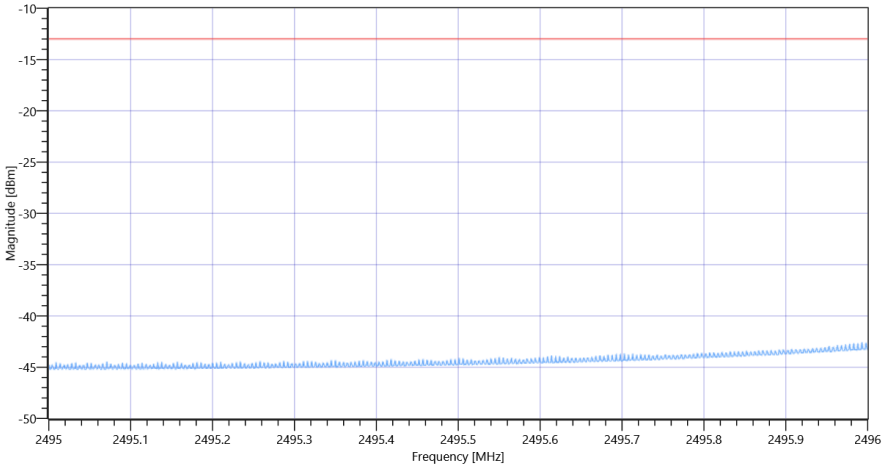
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 9.84 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| RBW [MHz] \| VBW [MHz] | 0.500000 \| 2.000000 |
| Detector \| TraceMode | RMS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 30000 \| 1 \| 1001 \| SWE |

RESULT lower band

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

RESULT lower band

| *Test description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|
| Frequency [MHz] 2495.5 | --- | -13 | -41.67 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

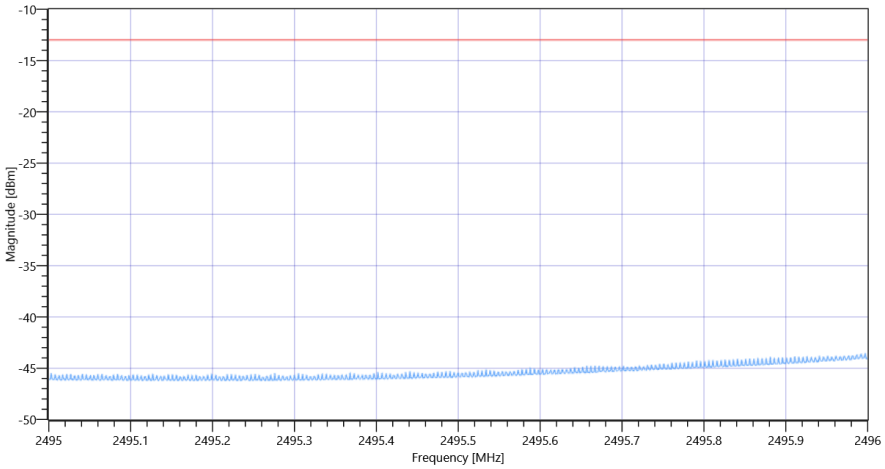
Test freq: low, UL[MHz]/CH 2531.01/506202, CBW [MHz]: 70, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 9.40 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -42.65 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

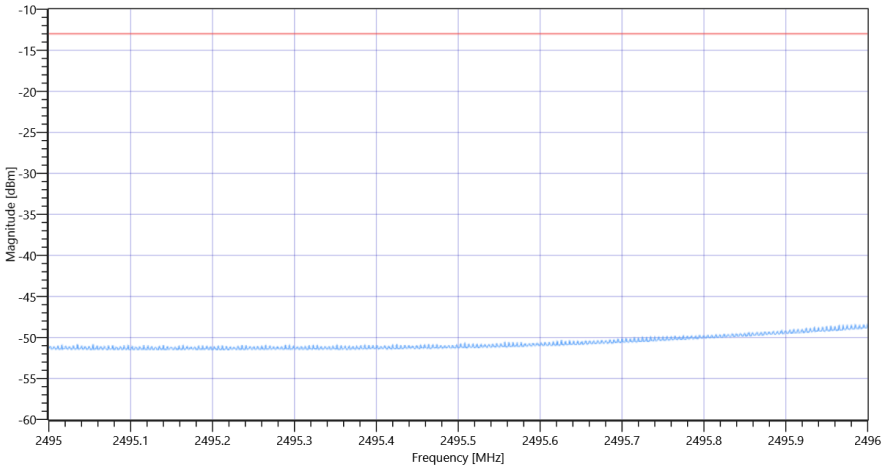
Test freq: low, UL[MHz]/CH 2531.01/506202, CBW [MHz]: 70, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.93 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -47.91 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

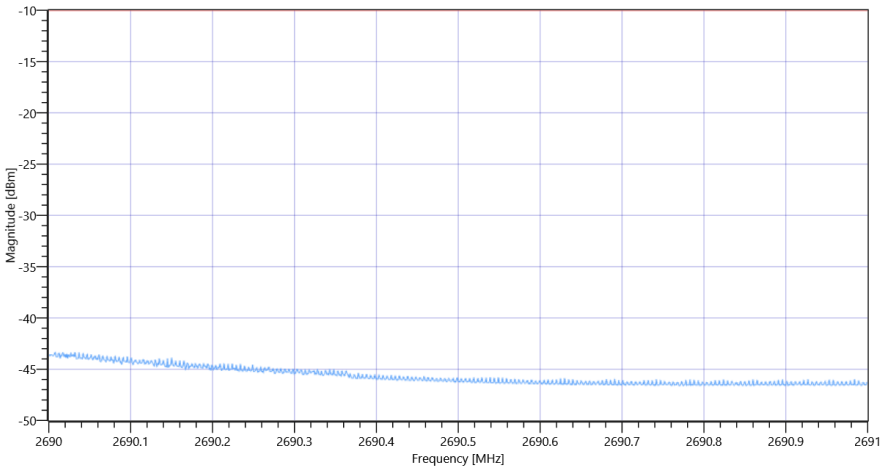
Test freq: high, UL[MHz]/CH 2655/531000, CBW [MHz]: 70, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 10.24 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -42.85 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

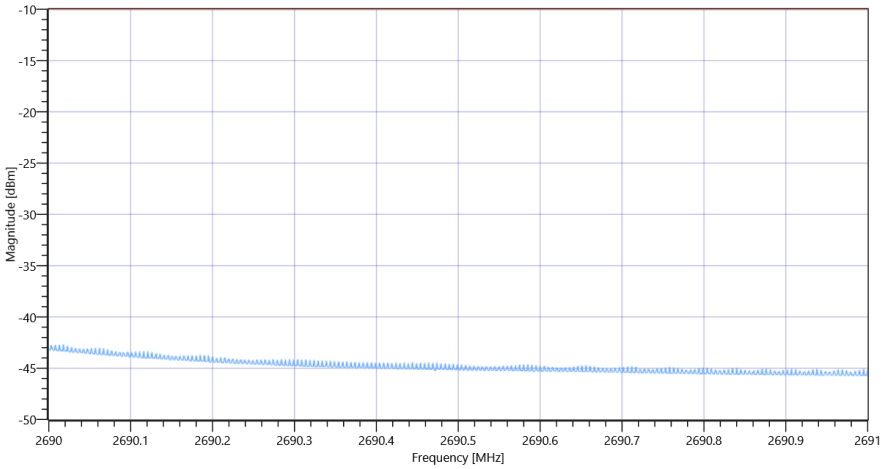
Test freq: high, UL[MHz]/CH 2655/531000, CBW [MHz]: 70, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 9.71 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -42.04 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

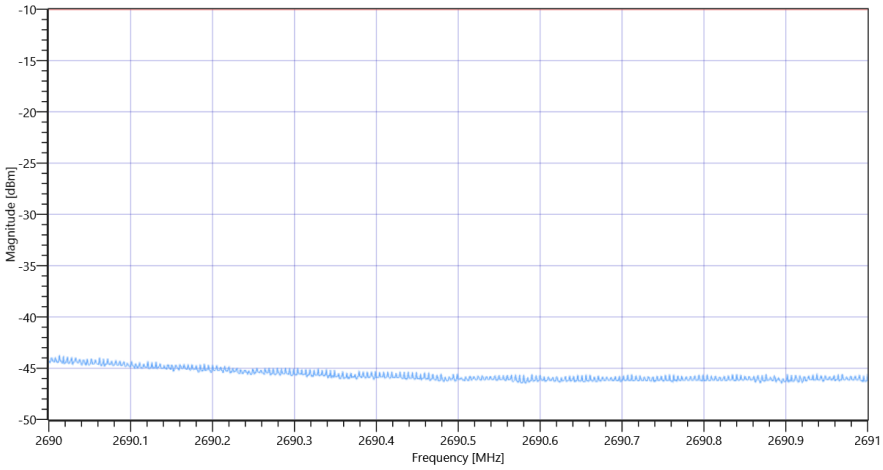
Test freq: high, UL[MHz]/CH 2655/531000, CBW [MHz]: 70, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 9.33 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -42.89 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

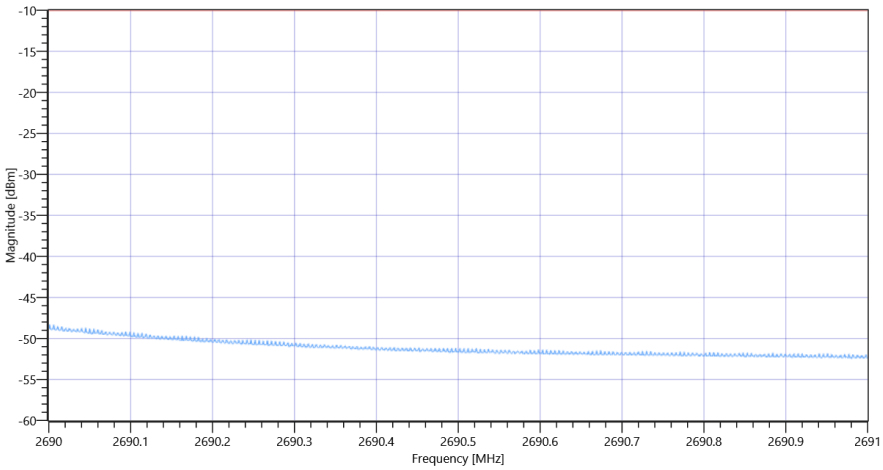
Test freq: high, UL[MHz]/CH 2655/531000, CBW [MHz]: 70, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.05 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -48.35 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

## Test at BW [MHz]: 80

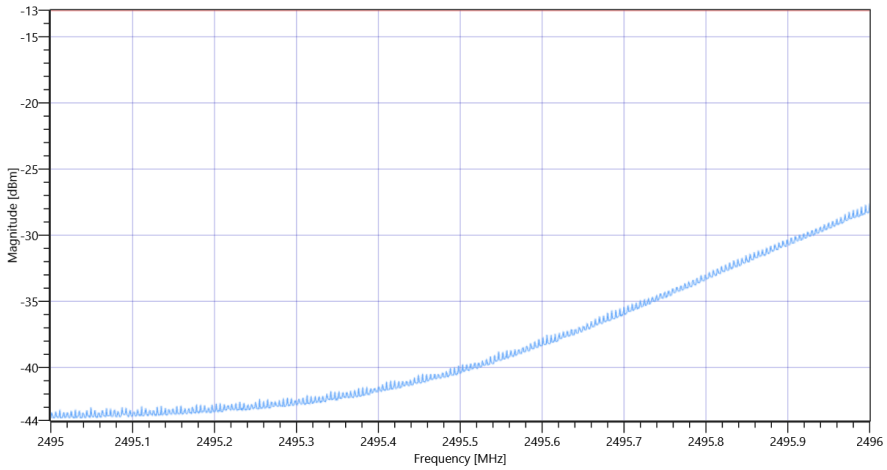
Test freq: low, UL[MHz]/CH 2536.02/507204, CBW [MHz]: 80, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 9.06 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -35.81 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

Test freq: low, UL[MHz]/CH 2536.02/507204, CBW [MHz]: 80, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

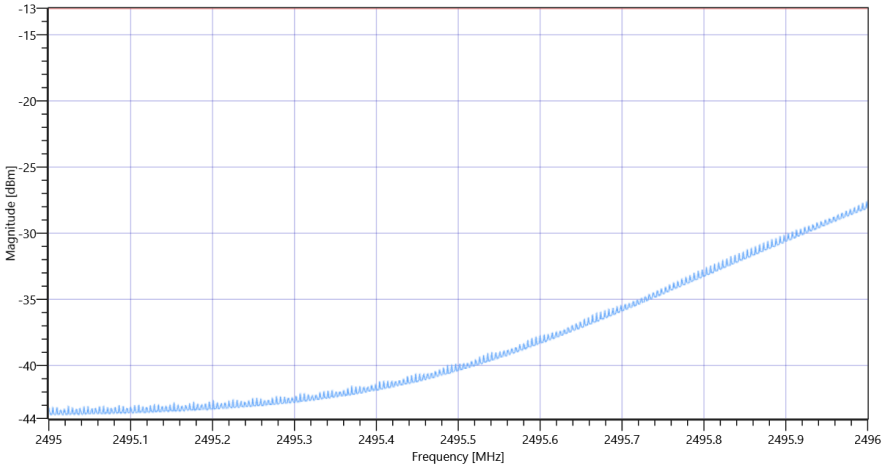
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 9.17 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | RMS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 30000 \| 1 \| 1001 \| SWE |

RESULT lower band

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

RESULT lower band

| *Test description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|
| Frequency [MHz] 2495.5 | --- | -13 | -35.7 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

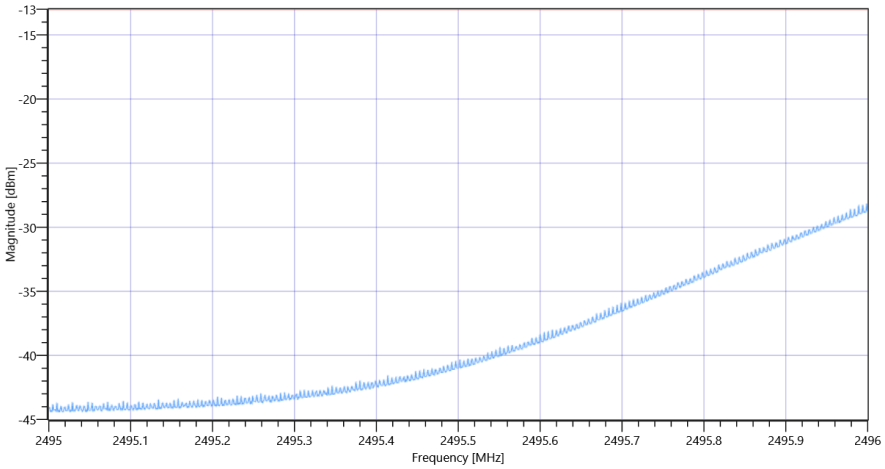
Test freq: low, UL[MHz]/CH 2536.02/507204, CBW [MHz]: 80, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.51 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -36.35 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

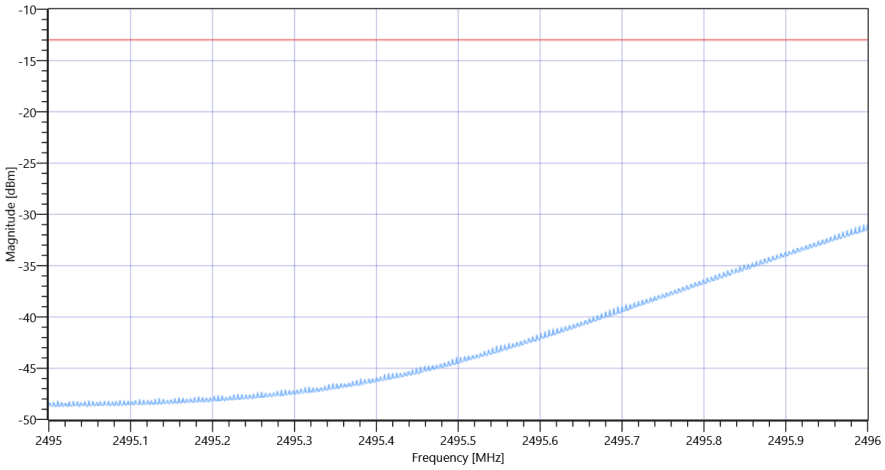
Test freq: low, UL[MHz]/CH 2536.02/507204, CBW [MHz]: 80, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 5.66 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -39.31 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

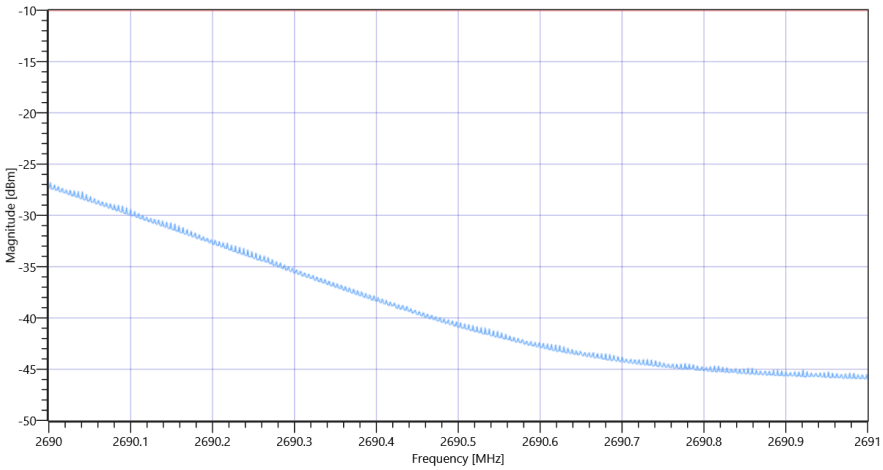
Test freq: high, UL[MHz]/CH 2649.99/529998, CBW [MHz]: 80, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.96 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -35.32 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

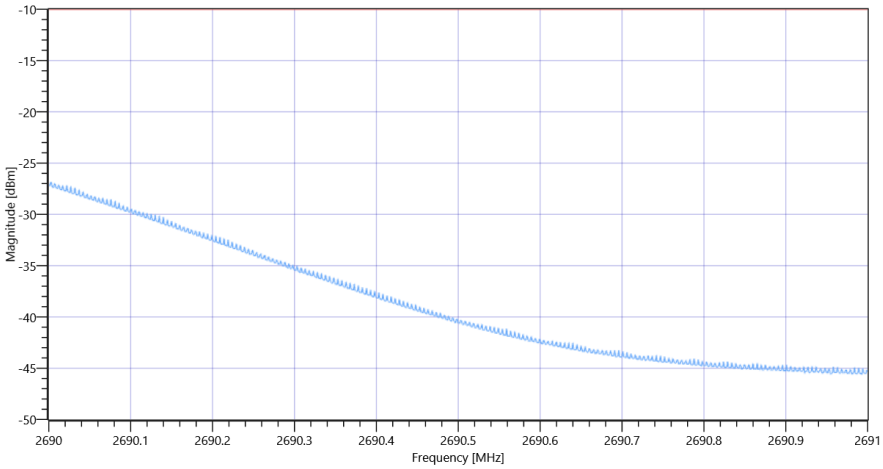
Test freq: high, UL[MHz]/CH 2649.99/529998, CBW [MHz]: 80, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 9.24 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -35.15 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

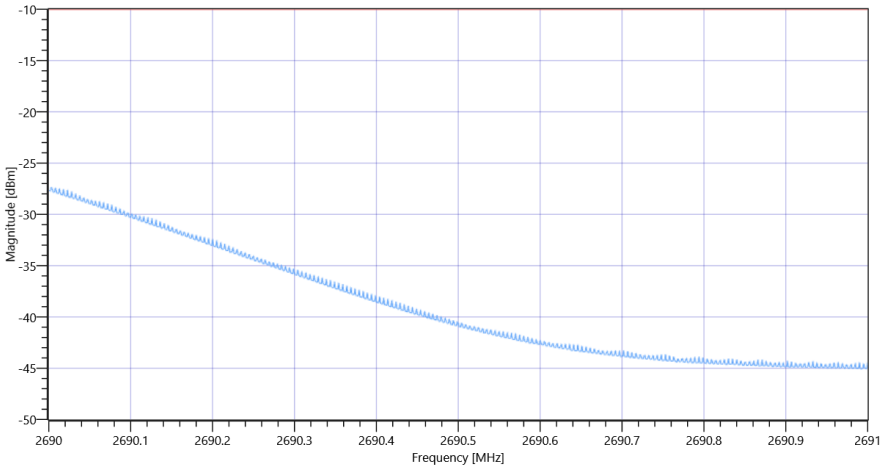
Test freq: high, UL[MHz]/CH 2649.99/529998, CBW [MHz]: 80, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.64 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -35.57 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

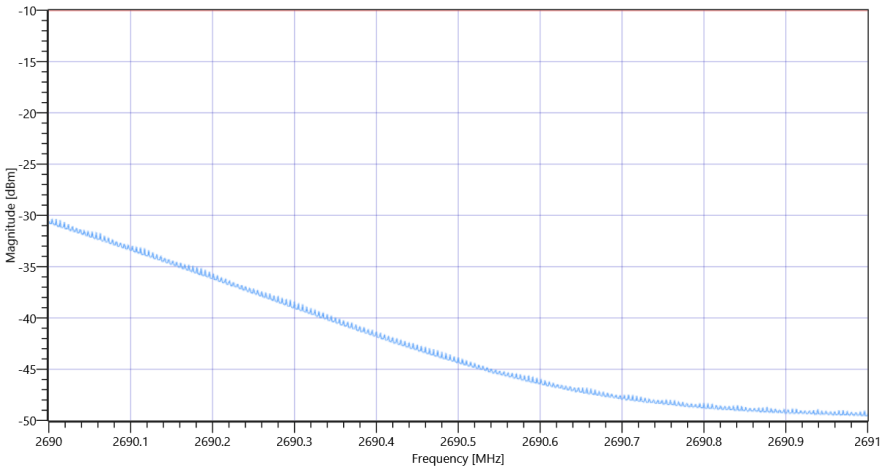
Test freq: high, UL[MHz]/CH 2649.99/529998, CBW [MHz]: 80, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 5.94 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -38.77 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

## Test at BW [MHz]: 90

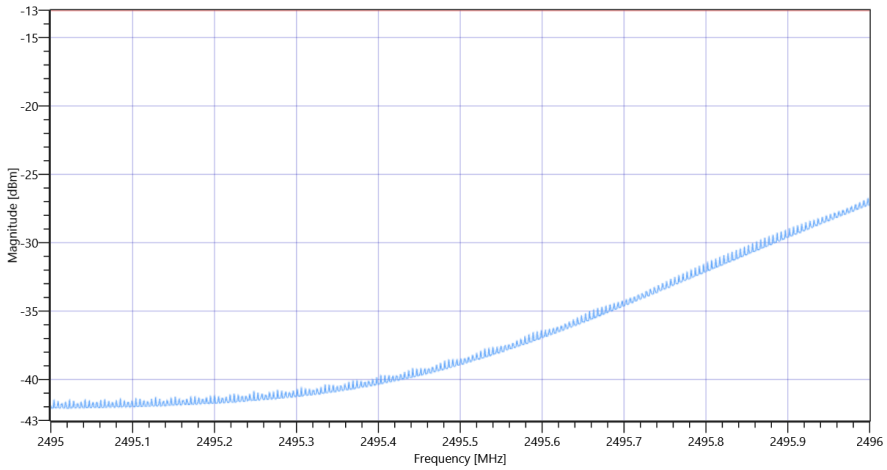
Test freq: low, UL[MHz]/CH 2541/508200, CBW [MHz]: 90, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.40 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -34.59 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

Test freq: low, UL[MHz]/CH 2541/508200, CBW [MHz]: 90, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

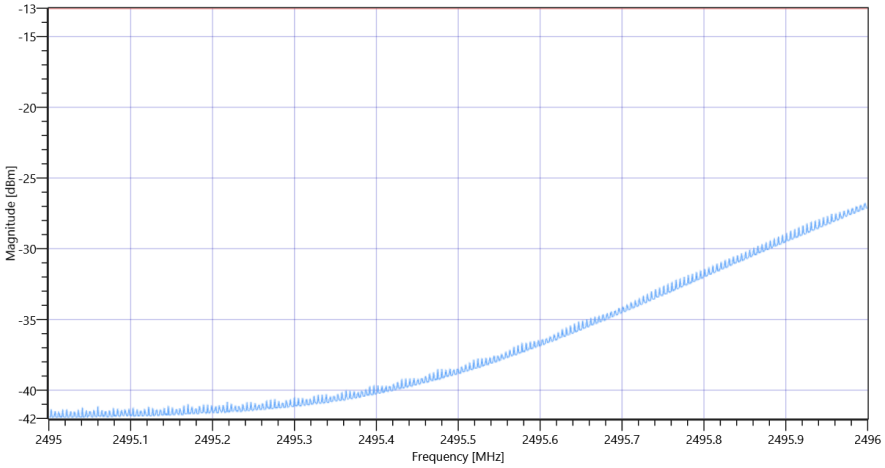
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.89 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | RMS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 30000 \| 1 \| 1001 \| SWE |

RESULT lower band

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

RESULT lower band

| *Test description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|
| Frequency [MHz] 2495.5 | --- | -13 | -34.48 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

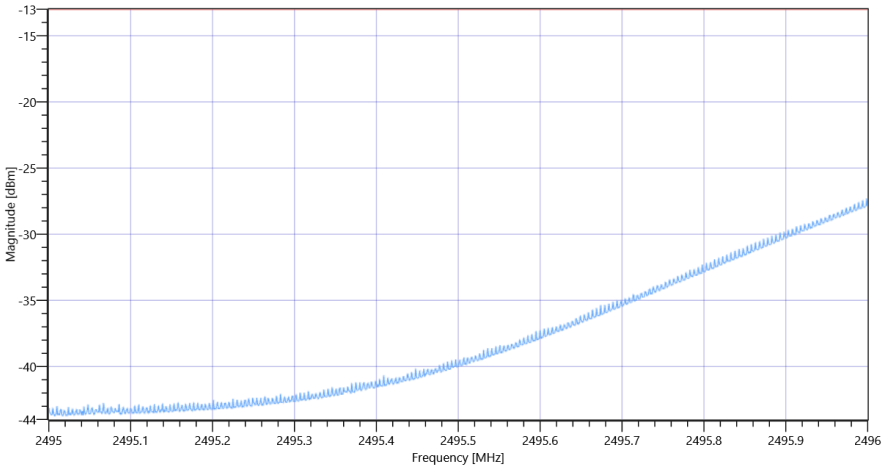
Test freq: low, UL[MHz]/CH 2541/508200, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.76 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -35.37 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

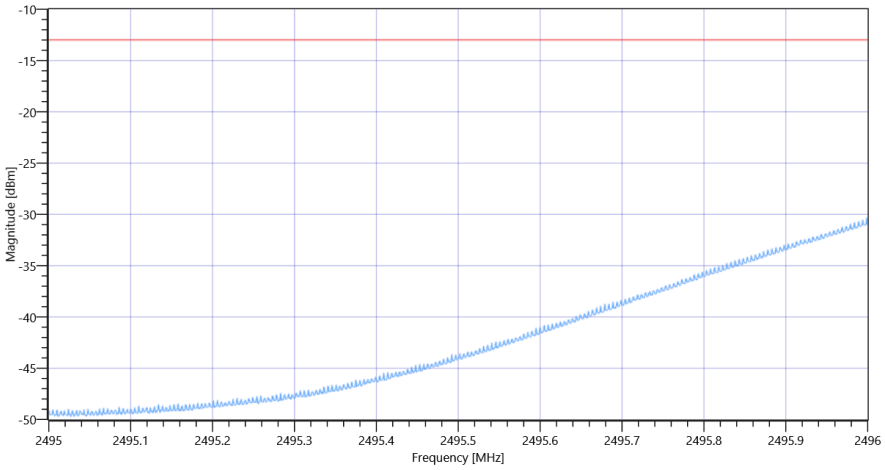
Test freq: low, UL[MHz]/CH 2541/508200, CBW [MHz]: 90, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 4.70 \| 0 \| 20 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -38.76 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

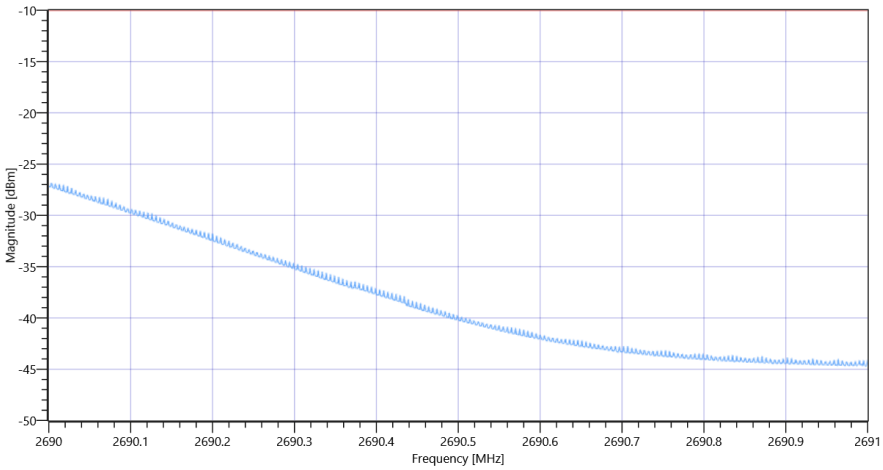
Test freq: high, UL[MHz]/CH 2644.98/528996, CBW [MHz]: 90, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.57 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -35.03 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

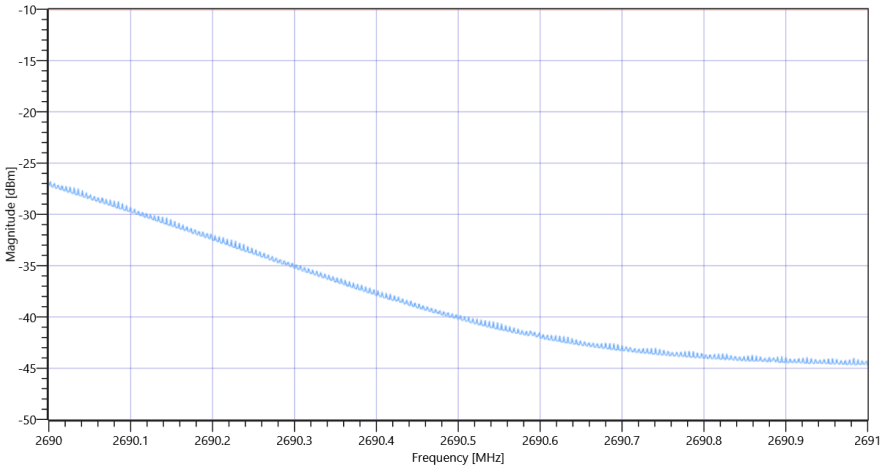
Test freq: high, UL[MHz]/CH 2644.98/528996, CBW [MHz]: 90, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.64 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -35.04 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

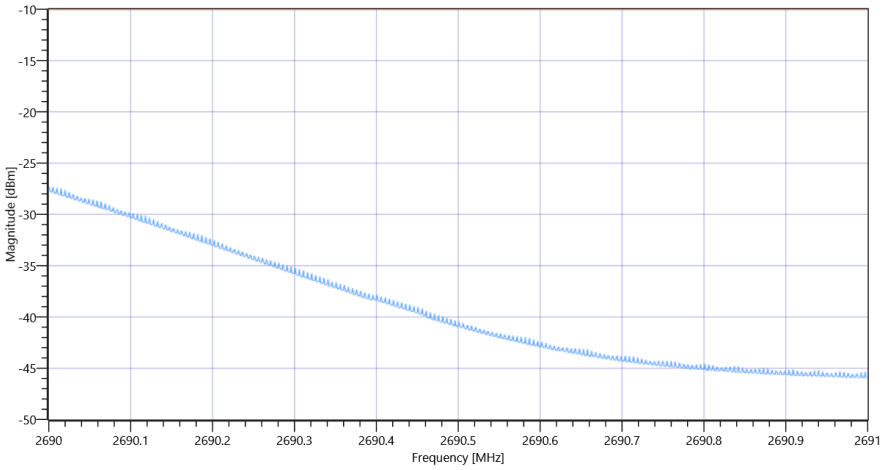
Test freq: high, UL[MHz]/CH 2644.98/528996, CBW [MHz]: 90, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.95 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -35.62 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

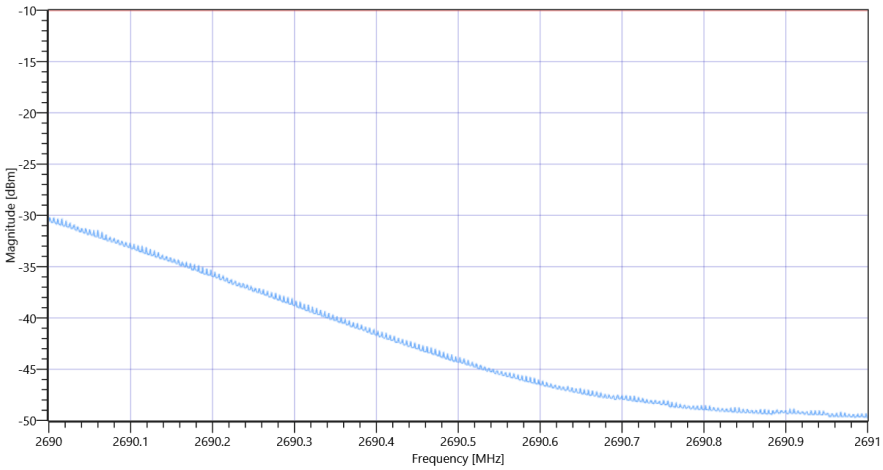
Test freq: high, UL[MHz]/CH 2644.98/528996, CBW [MHz]: 90, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 5.11 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -38.58 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

## Test at BW [MHz]: 100

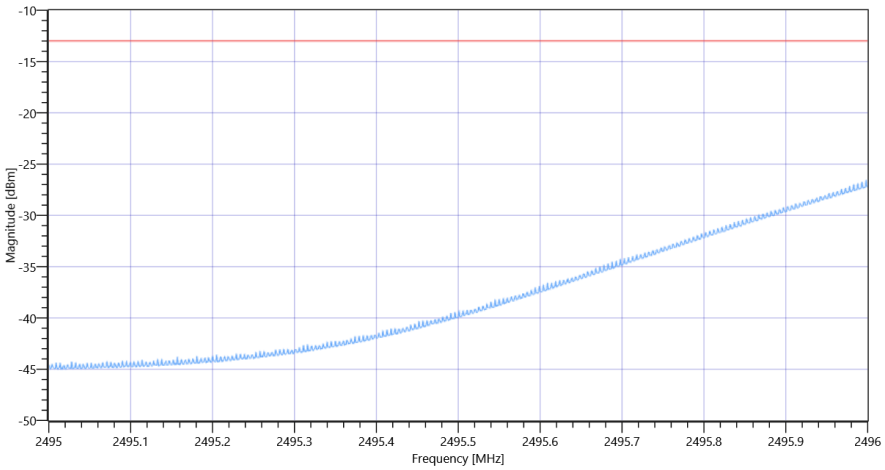
Test freq: low, UL[MHz]/CH 2546.01/509202, CBW [MHz]: 100, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.65 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -34.85 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

Test freq: low, UL[MHz]/CH 2546.01/509202, CBW [MHz]: 100, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

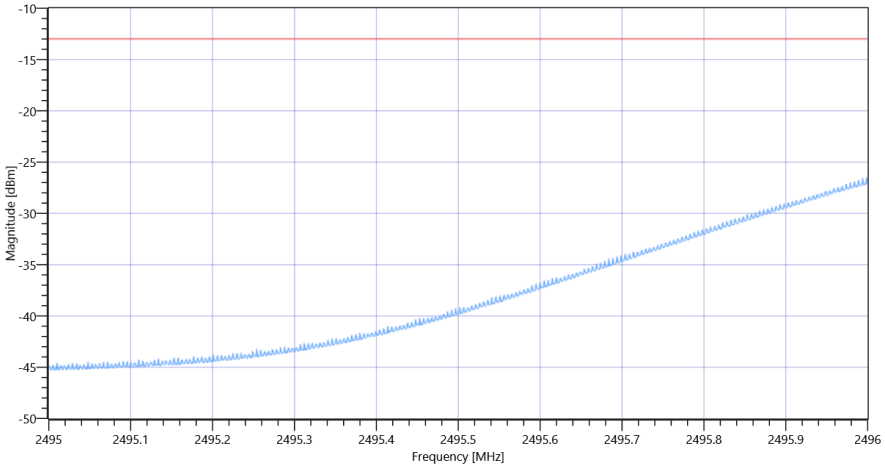
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.23 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| RBW [MHz] \| VBW [MHz] | 1.000000 \| 3.000000 |
| Detector \| TraceMode | RMS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 30000 \| 1 \| 1001 \| SWE |

RESULT lower band

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

RESULT lower band

| *Test description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|
| Frequency [MHz] 2495.5 | --- | -13 | -34.72 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

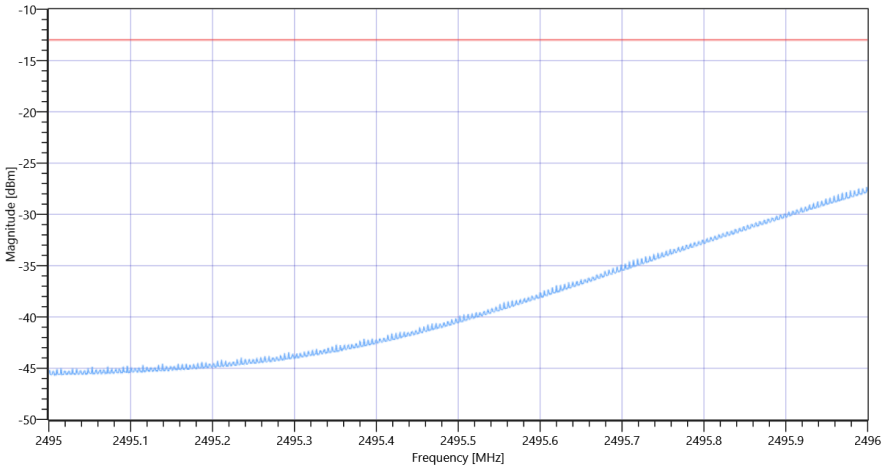
Test freq: low, UL[MHz]/CH 2546.01/509202, CBW [MHz]: 100, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.35 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -35.49 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

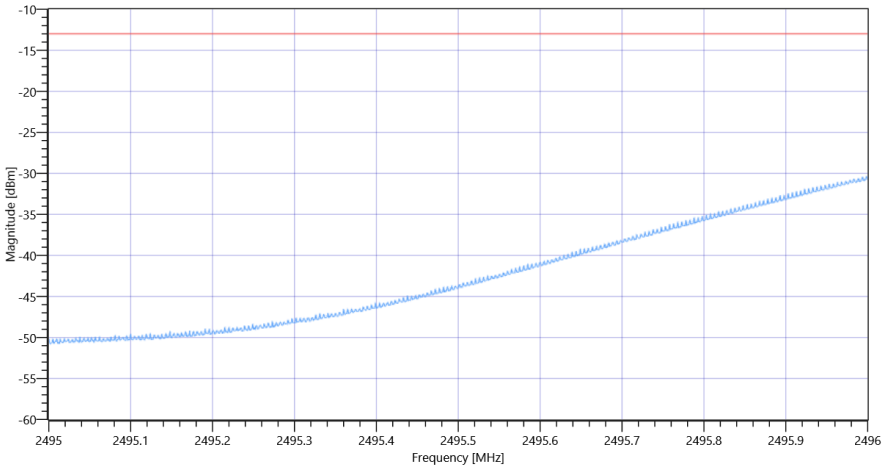
Test freq: low, UL[MHz]/CH 2546.01/509202, CBW [MHz]: 100, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 4.40 \| 0 \| 20 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -38.5 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

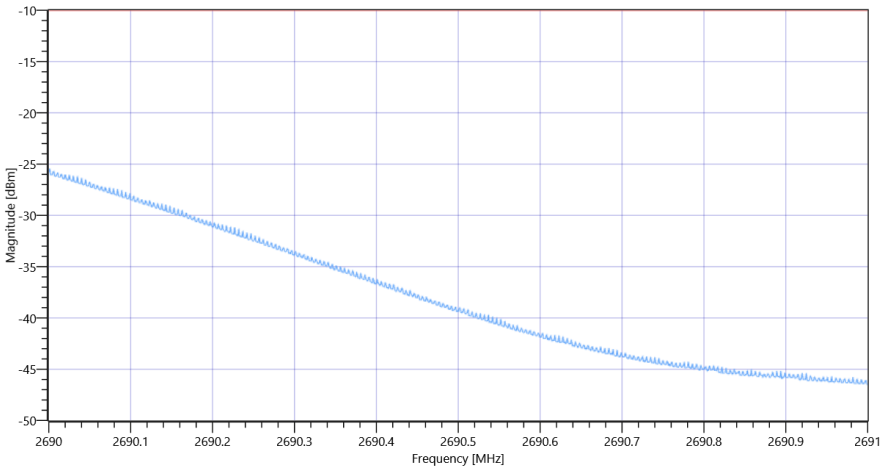
Test freq: high, UL[MHz]/CH 2640/528000, CBW [MHz]: 100, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.21 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -33.84 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

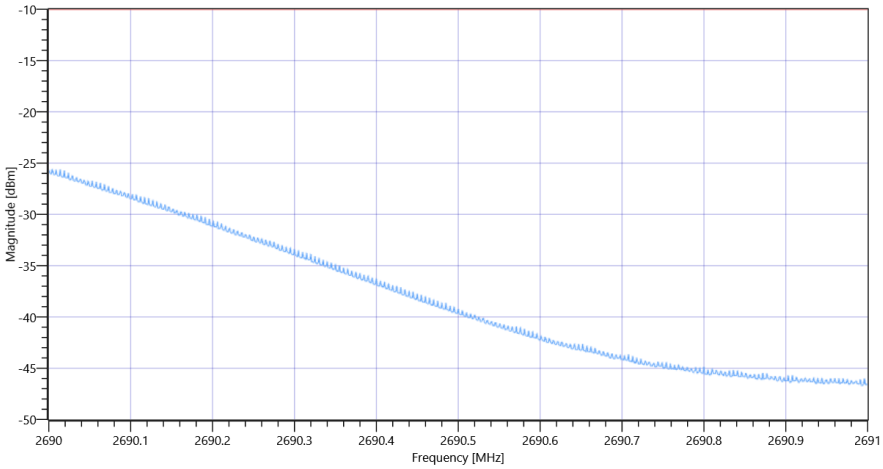
Test freq: high, UL[MHz]/CH 2640/528000, CBW [MHz]: 100, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.24 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -33.9 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

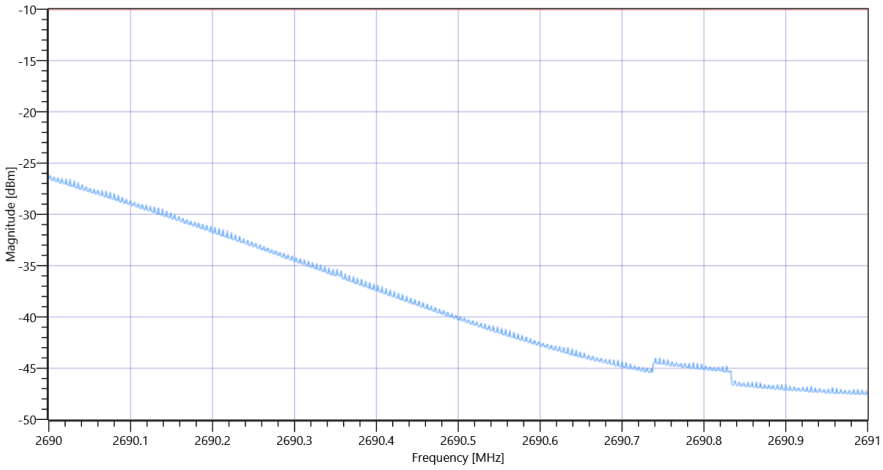
Test freq: high, UL[MHz]/CH 2640/528000, CBW [MHz]: 100, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.61 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -34.49 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

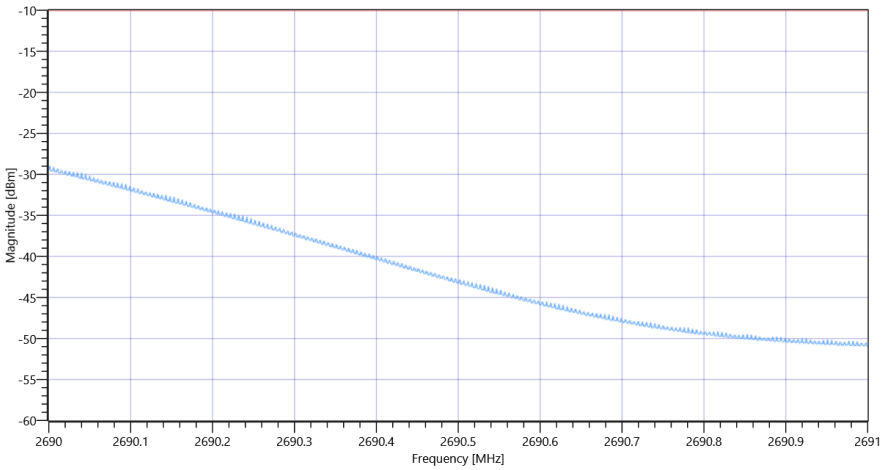
Test freq: high, UL[MHz]/CH 2640/528000, CBW [MHz]: 100, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 4.68 \| 0 \| 20 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -37.44 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

# FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30

## Test References

| | |
|---|---|
| TC Start | 07.11.2022 16:33:48 |
| Ambit Temp [°C] \| Humidity [rel%] | 24.9 \| 38 |
| System Version | 3.3.1.7 |
| Test Specification | FCC, ISED - |
| Test Method | |
| TC Version | 0.0.1 |
| My Description | FCC/ISED MobileRadio Block edge conducted - NR Band_41 |
| Add. Information | |

## Test Parameter

| | |
|---|---|
| Technology to test | NR |
| Band | Band_41 |
| 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 | 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

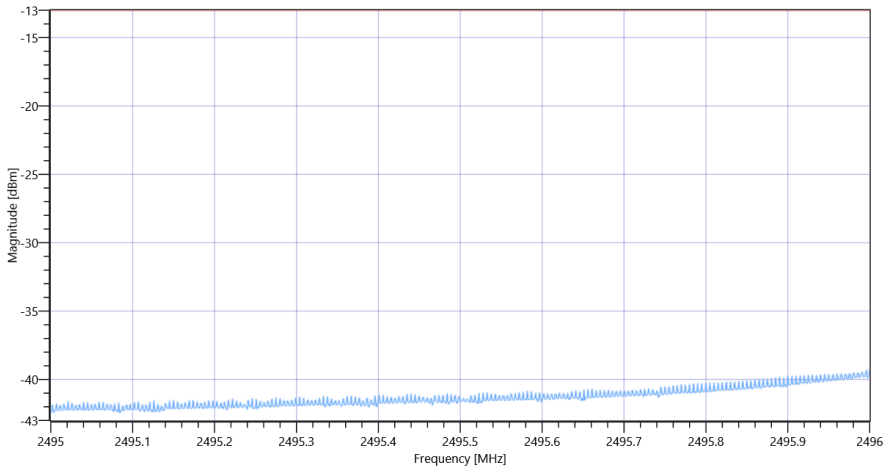
Test freq: low, UL[MHz]/CH 2516.01/503202, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 11.89 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -38.54 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

Test freq: low, UL[MHz]/CH 2516.01/503202, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

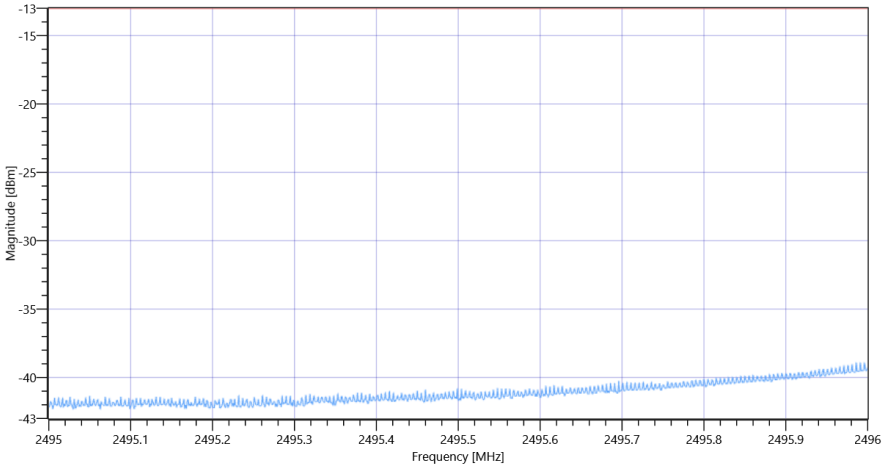
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 12.07 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| RBW [MHz] \| VBW [MHz] | 0.500000 \| 2.000000 |
| Detector \| TraceMode | RMS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 30000 \| 1 \| 1001 \| SWE |

RESULT lower band

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

RESULT lower band

| *Test description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|
| Frequency [MHz] 2495.5 | --- | -13 | -38.37 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

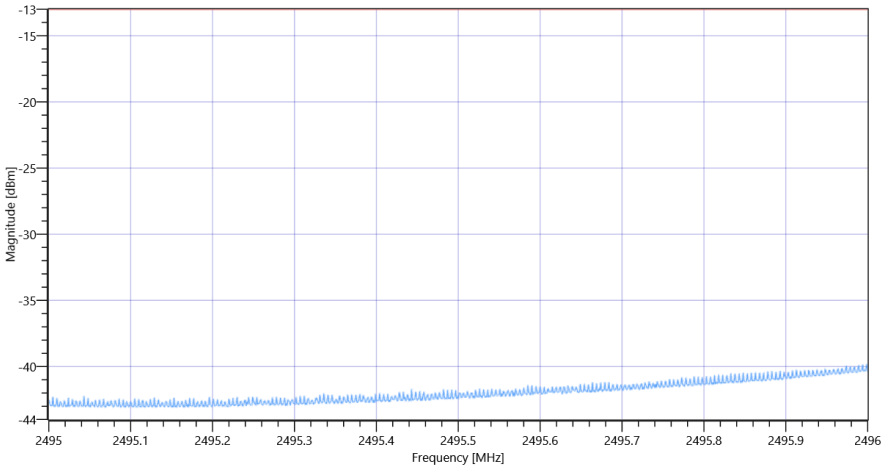
Test freq: low, UL[MHz]/CH 2516.01/503202, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 11.81 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -39.19 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

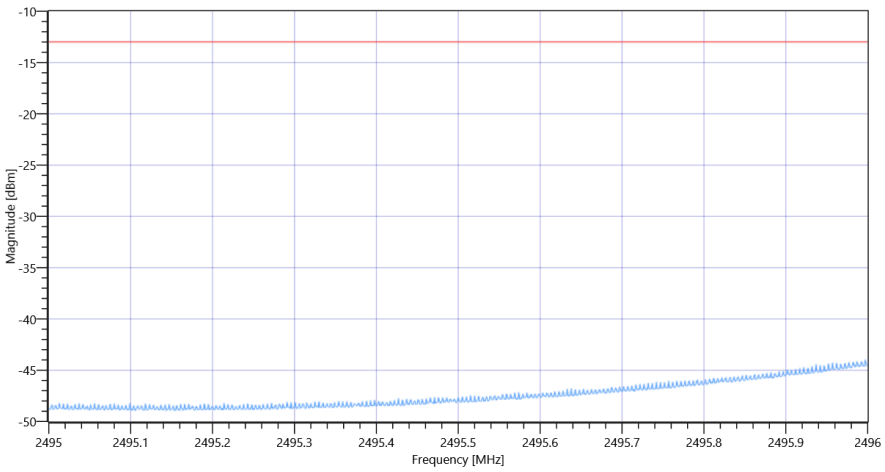
Test freq: low, UL[MHz]/CH 2516.01/503202, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.22 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -44.55 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

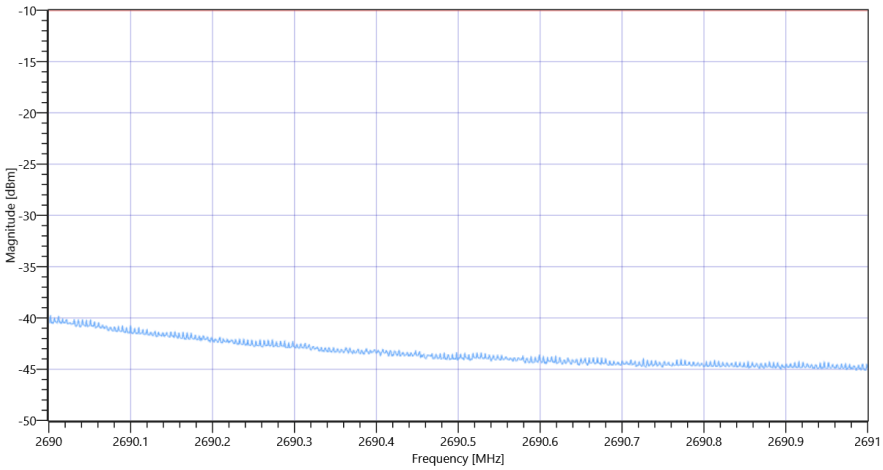
Test freq: high, UL[MHz]/CH 2670/534000, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 11.72 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -40.45 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

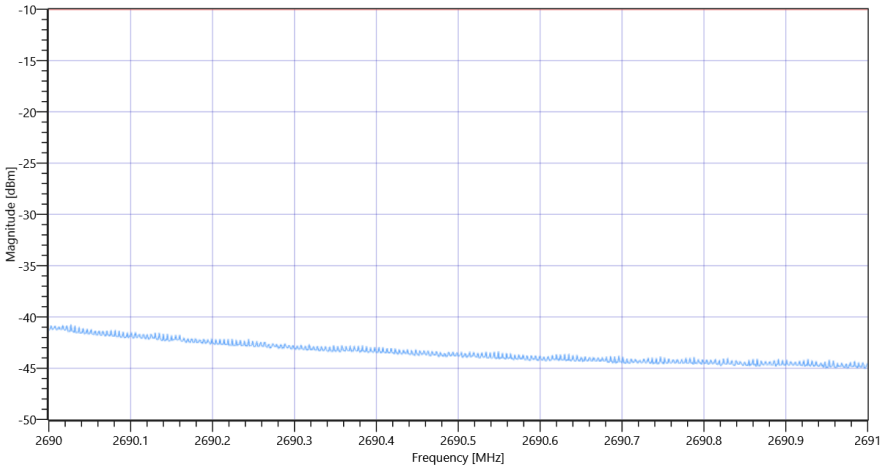
Test freq: high, UL[MHz]/CH 2670/534000, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 12.43 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -40.61 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

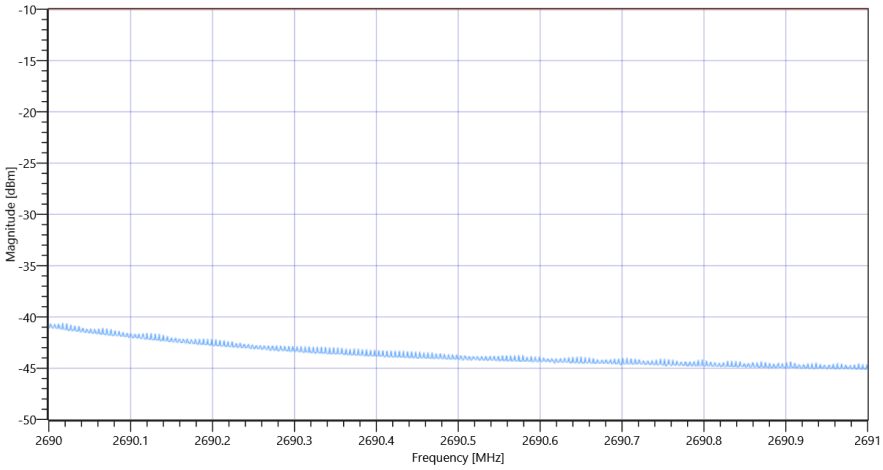
Test freq: high, UL[MHz]/CH 2670/534000, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 11.78 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -40.77 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

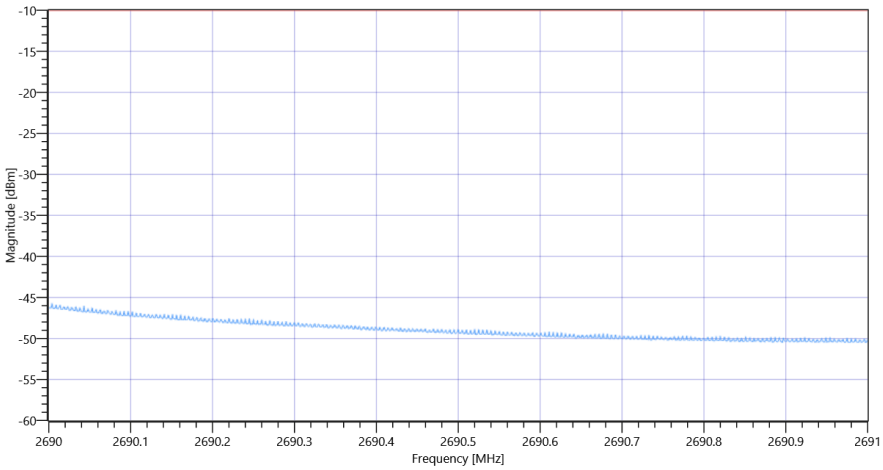
Test freq: high, UL[MHz]/CH 2670/534000, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 8.35 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -46.06 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

## Test at BW [MHz]: 50

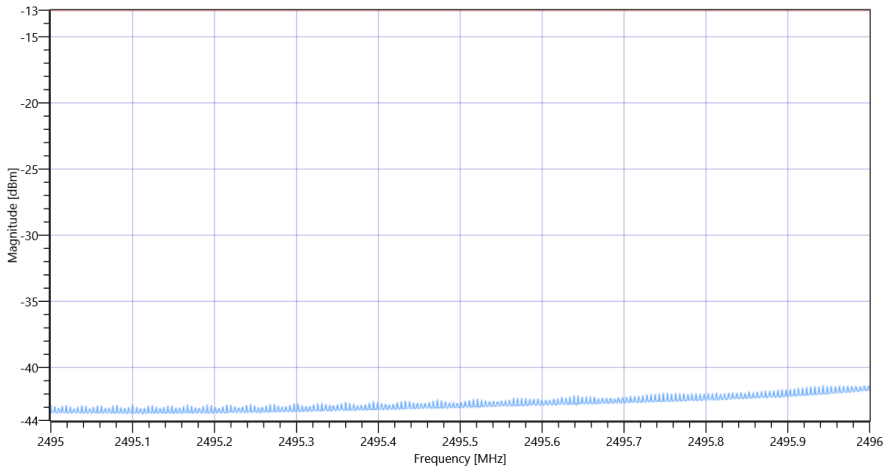
Test freq: low, UL[MHz]/CH 2521.02/504204, CBW [MHz]: 50, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 11.91 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -40.01 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

Test freq: low, UL[MHz]/CH 2521.02/504204, CBW [MHz]: 50, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

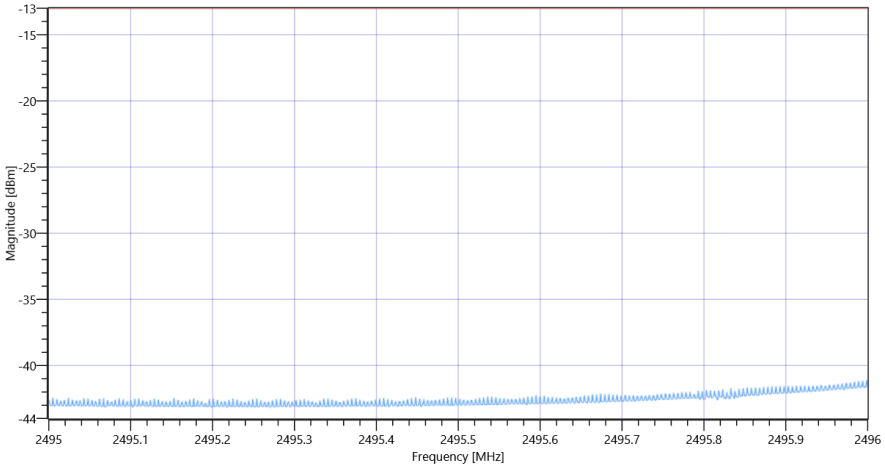
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 11.15 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| RBW [MHz] \| VBW [MHz] | 0.500000 \| 2.000000 |
| Detector \| TraceMode | RMS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 30000 \| 1 \| 1001 \| SWE |

RESULT lower band

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

RESULT lower band

| *Test description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|
| Frequency [MHz] 2495.5 | --- | -13 | -39.89 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

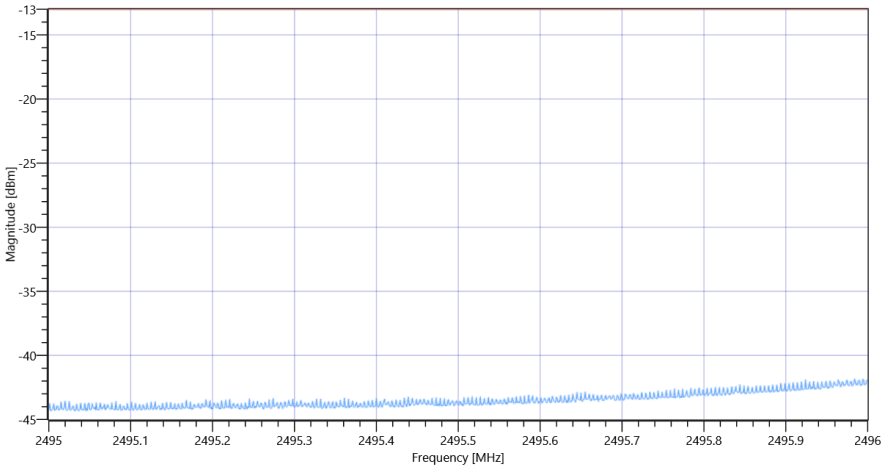
Test freq: low, UL[MHz]/CH 2521.02/504204, CBW [MHz]: 50, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 10.77 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -40.73 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

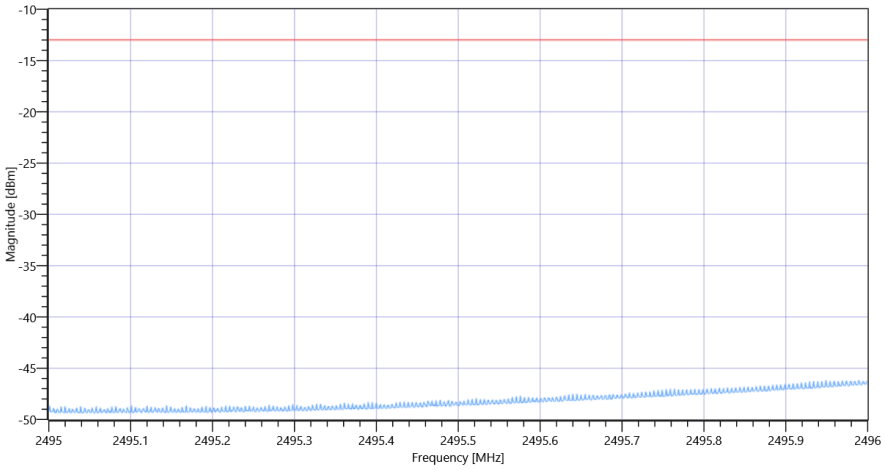
Test freq: low, UL[MHz]/CH 2521.02/504204, CBW [MHz]: 50, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.13 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -45.44 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

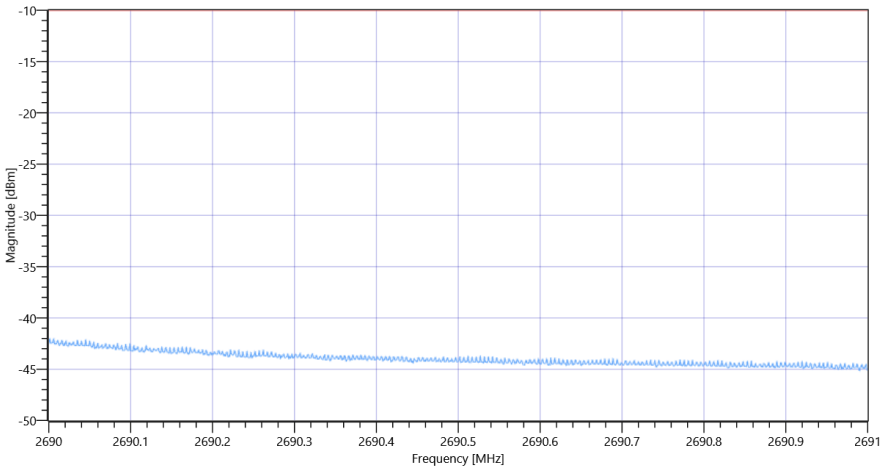
Test freq: high, UL[MHz]/CH 2664.99/532998, CBW [MHz]: 50, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 12.11 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -41.21 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

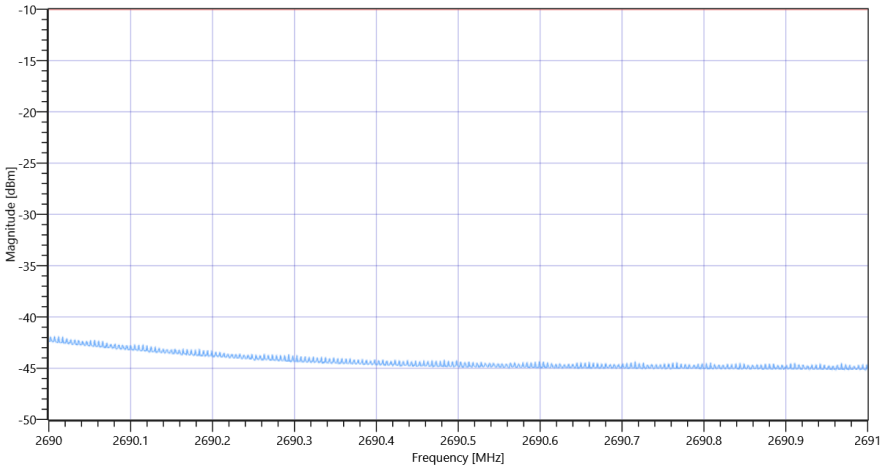
Test freq: high, UL[MHz]/CH 2664.99/532998, CBW [MHz]: 50, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 10.87 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -41.54 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

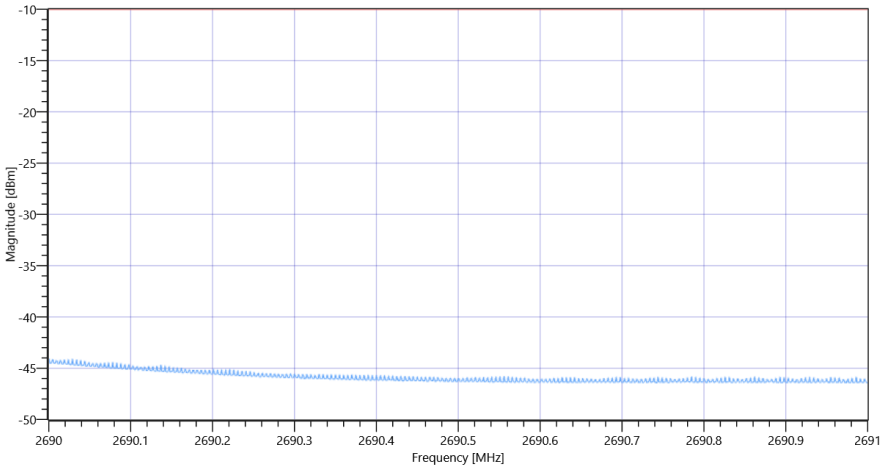
Test freq: high, UL[MHz]/CH 2664.99/532998, CBW [MHz]: 50, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 10.72 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -43.12 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

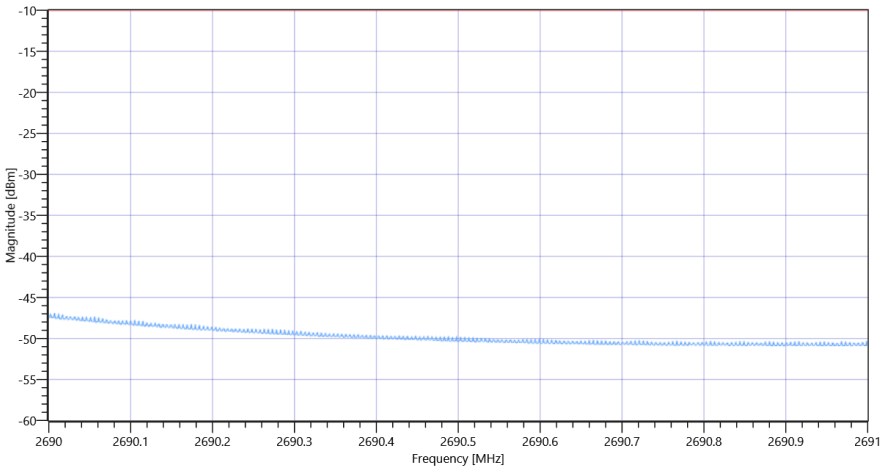
Test freq: high, UL[MHz]/CH 2664.99/532998, CBW [MHz]: 50, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 7.11 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2690.000 \| 2691.000 |
| 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] 2690.5 | --- | -10 | -46.97 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

## Test at BW [MHz]: 60

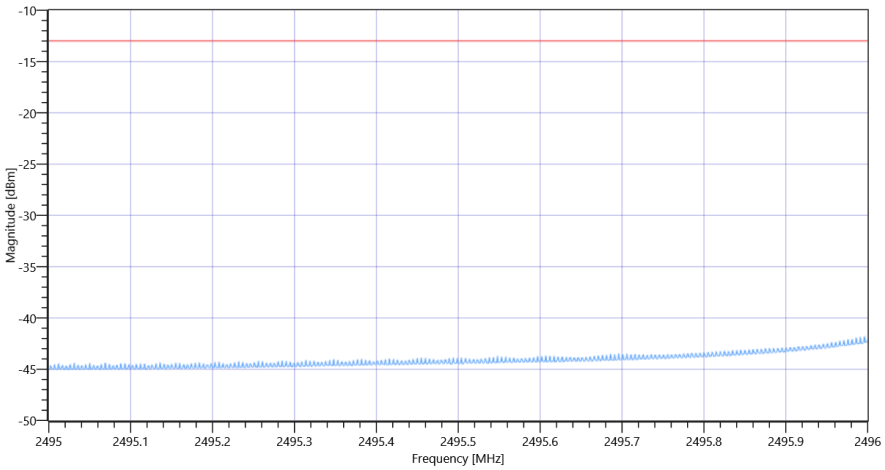
Test freq: low, UL[MHz]/CH 2526/505200, CBW [MHz]: 60, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 10.97 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -41.36 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

Test freq: low, UL[MHz]/CH 2526/505200, CBW [MHz]: 60, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

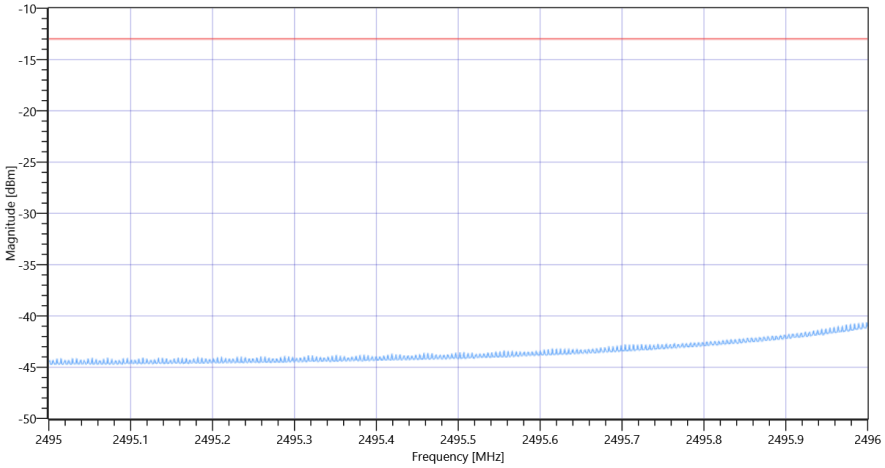
| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 10.23 \| 0 \| 30 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| RBW [MHz] \| VBW [MHz] | 0.500000 \| 2.000000 |
| Detector \| TraceMode | RMS \| MAXH |
| Sweep: Time [ms] \| Count \| Points per Section \| Type | 30000 \| 1 \| 1001 \| SWE |

RESULT lower band

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

RESULT lower band

| *Test description* | *Lower Limit* | *Upper Limit* | *Measured* | *Unit* | *Verdict* |
|---|---|---|---|---|---|
| Frequency [MHz] 2495.5 | --- | -13 | -40.77 | dBm | PASS |




*FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30*

Test freq: low, UL[MHz]/CH 2526/505200, CBW [MHz]: 60, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

| | |
|---|---|
| RefLevel [dBm] \| RefLevelOffset [dB] \| InpAtt [dB] | 9.88 \| 0 \| 25 |
| Start [MHz] \| Stop [MHz] | 2495.000 \| 2496.000 |
| 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] 2495.5 | --- | -13 | -41.83 | dBm | PASS |