

Test at BW [MHz]: 80

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

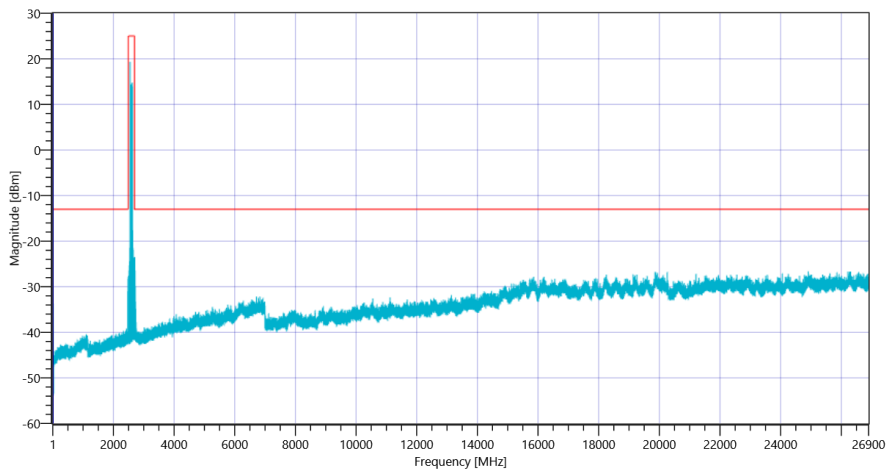
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.76    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2554.140 | MHz  | INFO    |

READ SA SETTINGS:

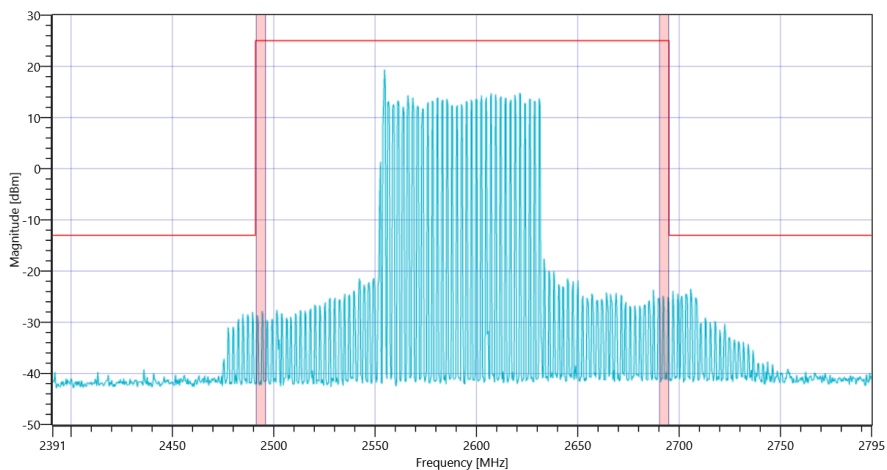
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.76   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: mid , UL[MHz]/CH 2593/0 , 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\_41 Ant-2 SCS-30 2593 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2593

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 21:21:50                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 80

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

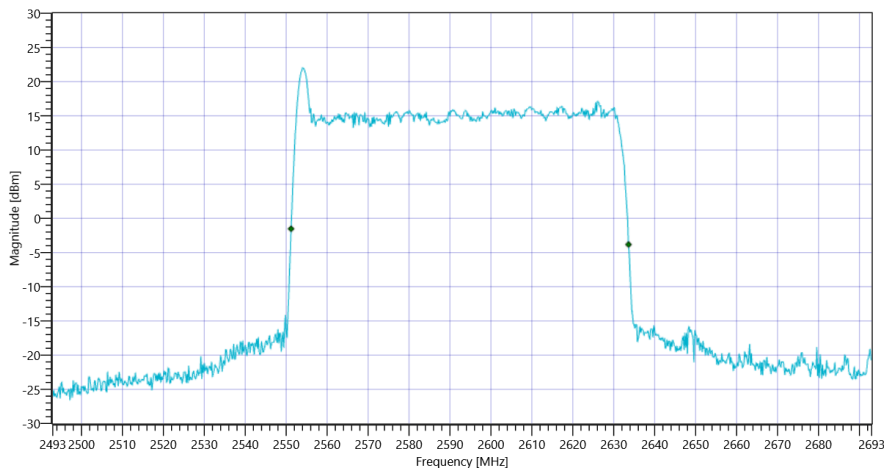
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.74    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2554.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.74   0   40        |
| Start [MHz]   Stop [MHz]                             | 2493.000   2693.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 82.4     | MHz  | INFO    |



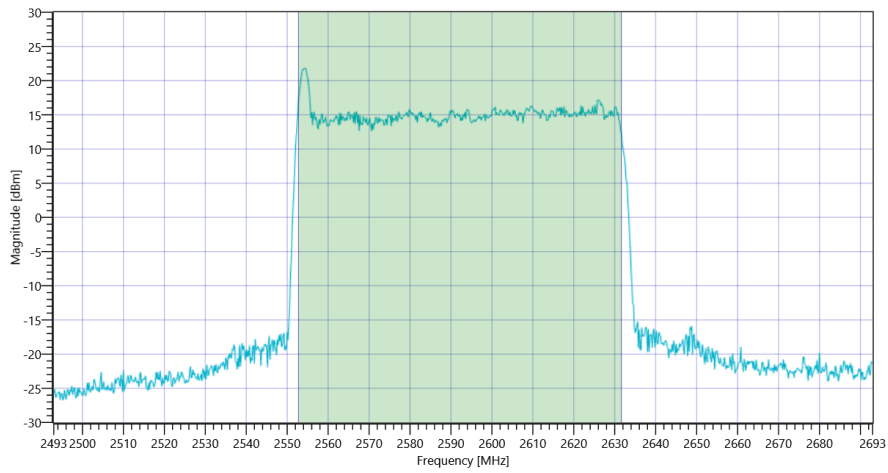
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 78.921   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.74   0   40        |
| Start [MHz]   Stop [MHz]                             | 2493.000   2693.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |



General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:22:49                                      |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 80

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

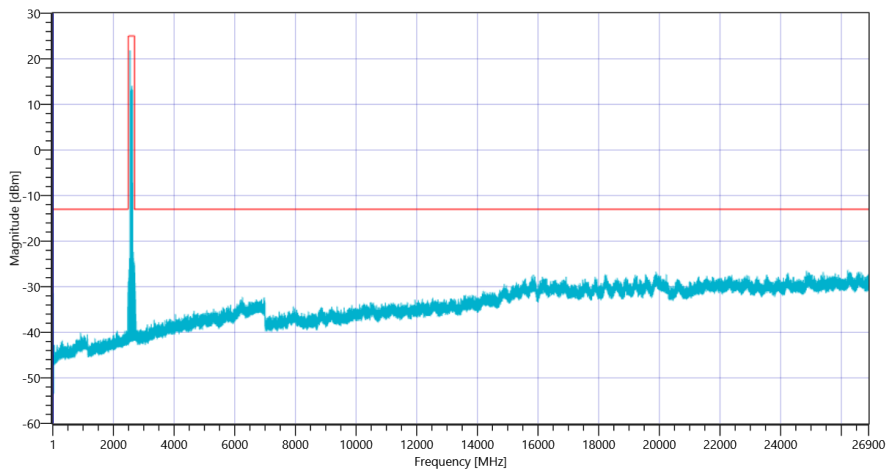
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.66    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2554.140 | MHz  | INFO    |

READ SA SETTINGS:

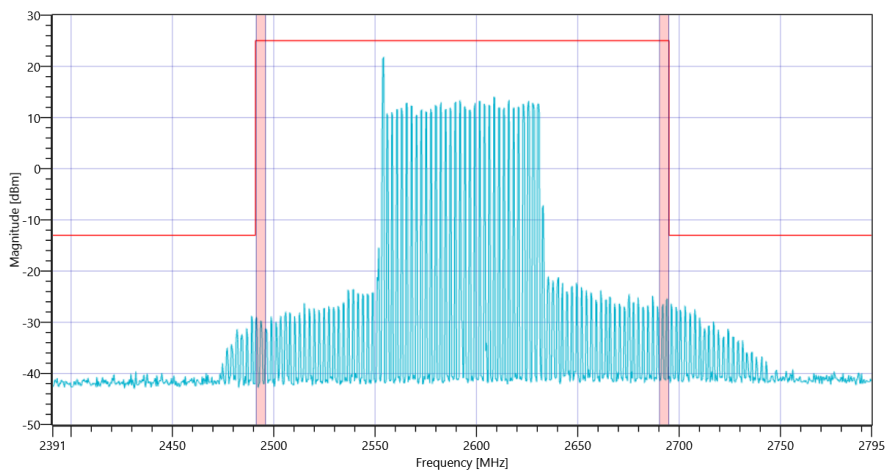
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.66   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: mid , UL[MHz]/CH 2593/0 , 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\_41 Ant-2 SCS-30 2593 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2593

General verdict

PASS



## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 21:26:37                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 80

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

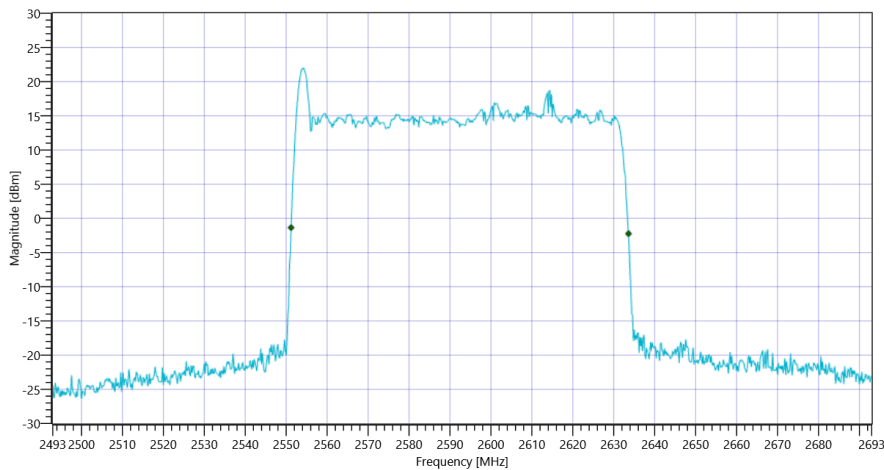
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.65    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2554.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.65   0   40        |
| Start [MHz]   Stop [MHz]                             | 2493.000   2693.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 82.4     | MHz  | INFO    |



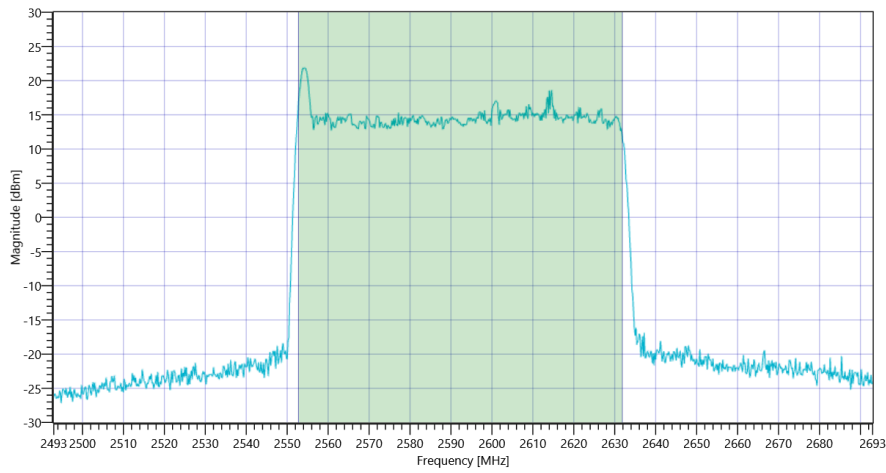
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 79.121   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.65   0   40        |
| Start [MHz]   Stop [MHz]                             | 2493.000   2693.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:27:38                                      |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 80

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

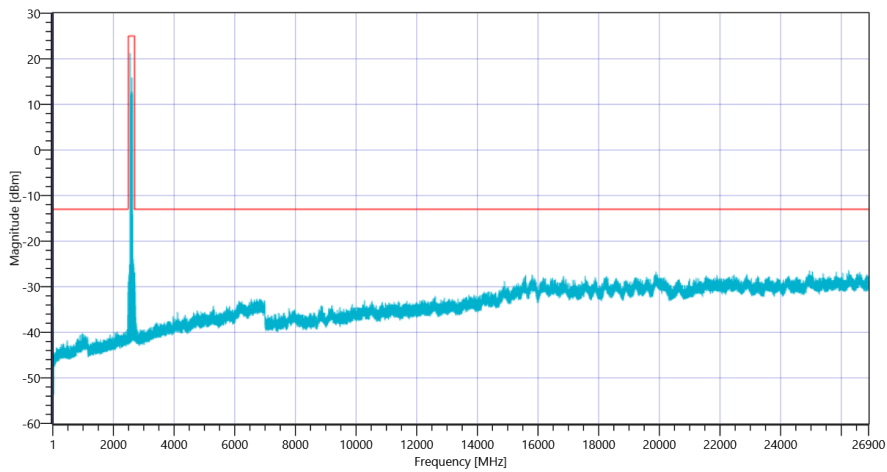
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.53    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2554.140 | MHz  | INFO    |

READ SA SETTINGS:

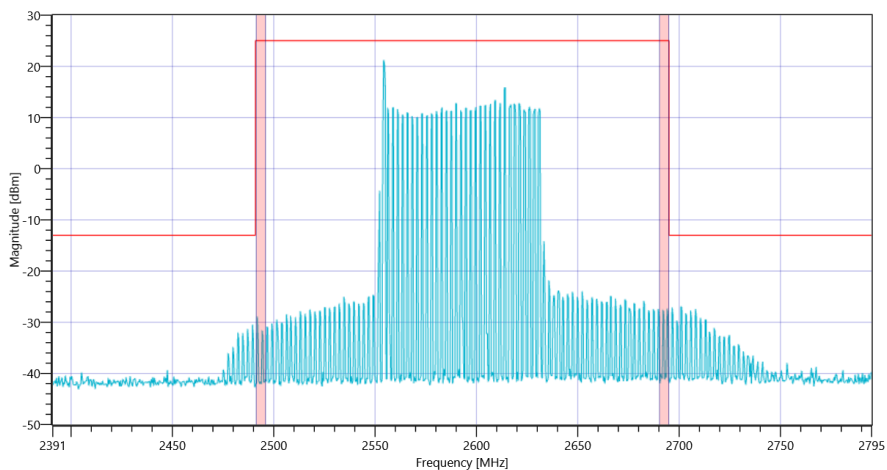
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.53   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: mid , UL[MHz]/CH 2593/0 , 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\_41 Ant-2 SCS-30 2593 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2593

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 21:31:33                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

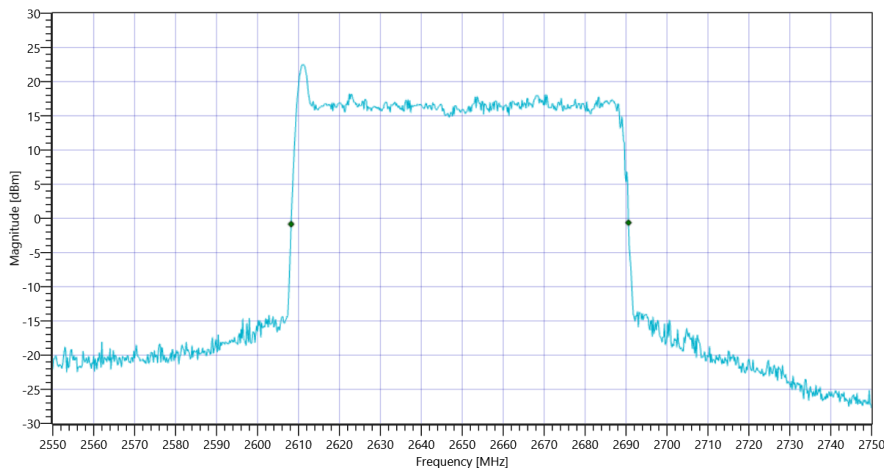
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 22.18    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2611.040 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 22.18   0   40        |
| Start [MHz]   Stop [MHz]                             | 2550.000   2750.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 82.4     | MHz  | INFO    |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

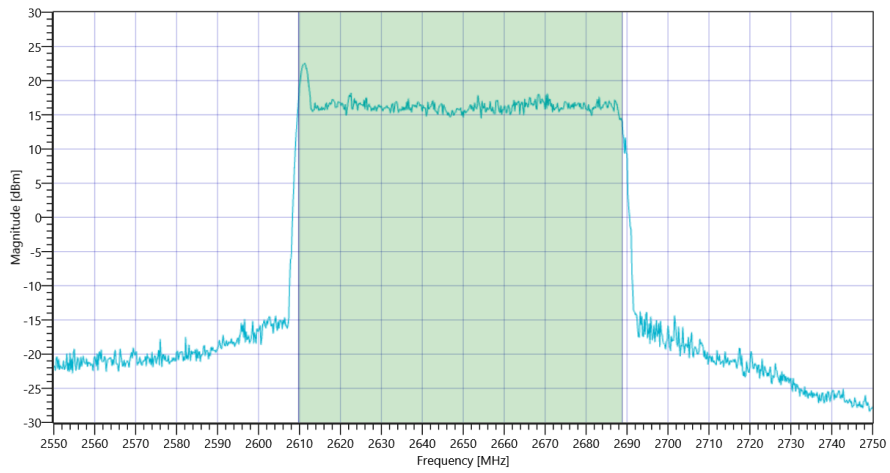
RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 79.121   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 22.18   0   40        |
| Start [MHz]   Stop [MHz]                             | 2550.000   2750.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |





FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:33:07                                    |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| 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      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

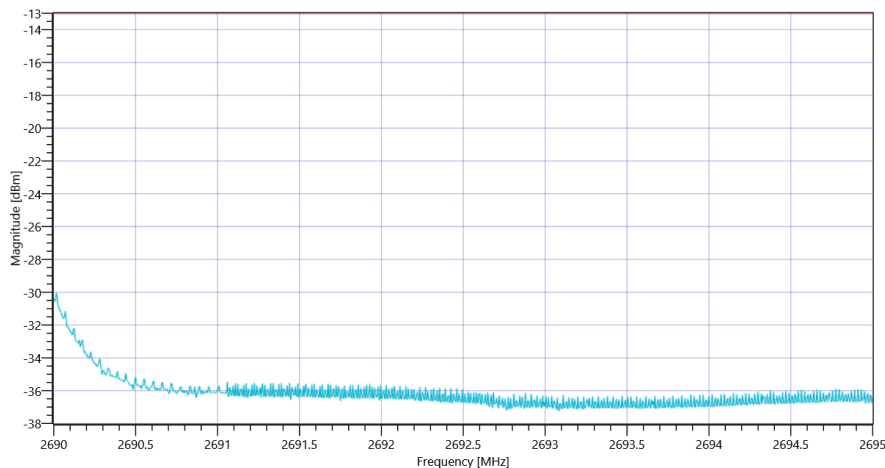
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.47    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2611.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                        |
|--|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.47   0   40         |
| Start [MHz]   Stop [MHz]                             | 2690.000   2695.000    |
| 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]<br>2690.5 | ---         | -13         | -34.81   | dBm  | PASS    |
| Frequency [MHz]<br>2691.5 | ---         | -13         | -36.4    | dBm  | PASS    |
| Frequency [MHz]<br>2692.5 | ---         | -13         | -36.79   | dBm  | PASS    |
| Frequency [MHz]<br>2693.5 | ---         | -13         | -37.1    | dBm  | PASS    |
| Frequency [MHz]<br>2694.5 | ---         | -13         | -36.83   | dBm  | PASS    |



FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:34:11                                      |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

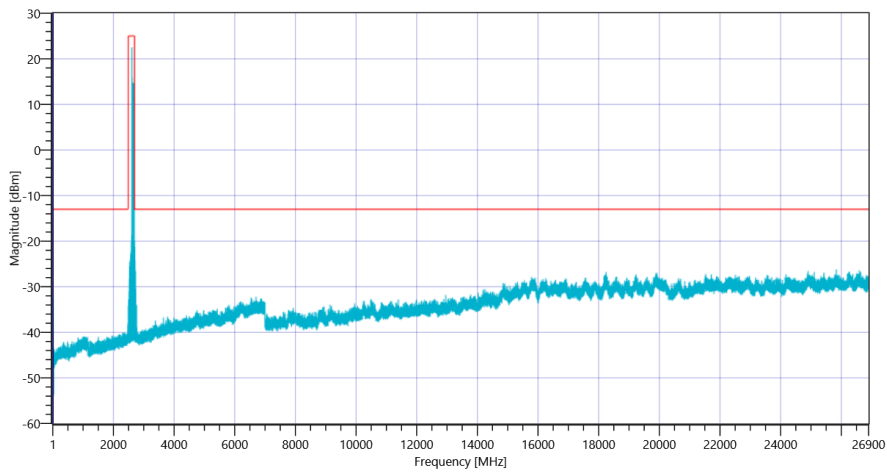
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 22.41    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2611.140 | MHz  | INFO    |

READ SA SETTINGS:

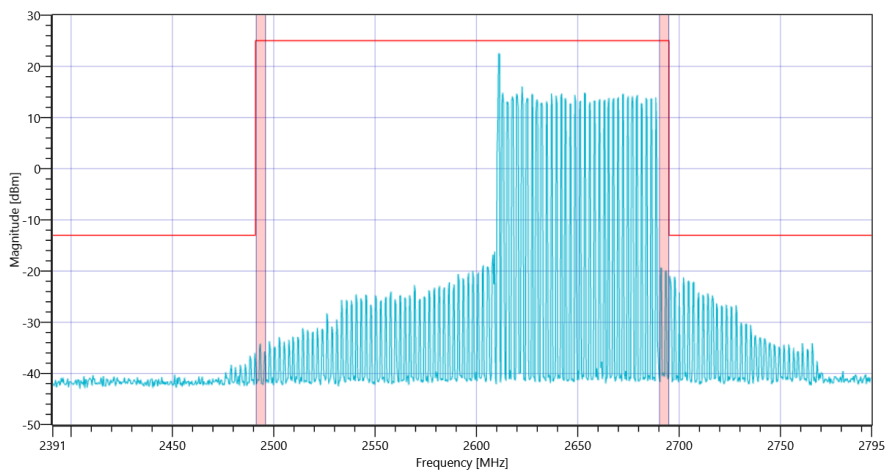
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 11.41   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: high , UL[MHz]/CH 2650/0 , 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\_41 Ant-2 SCS-30 2650 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2650

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 21:37:54                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 16QAM

#### RESULT: Reference Power cond.

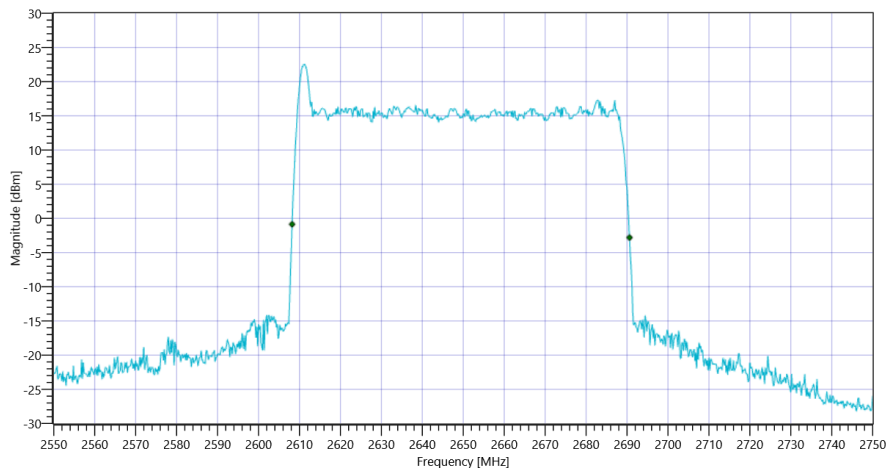
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 22.42    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2611.140 | MHz  | INFO    |

#### READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 22.42   0   40        |
| Start [MHz]   Stop [MHz]                             | 2550.000   2750.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

#### RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 82.4     | MHz  | INFO    |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

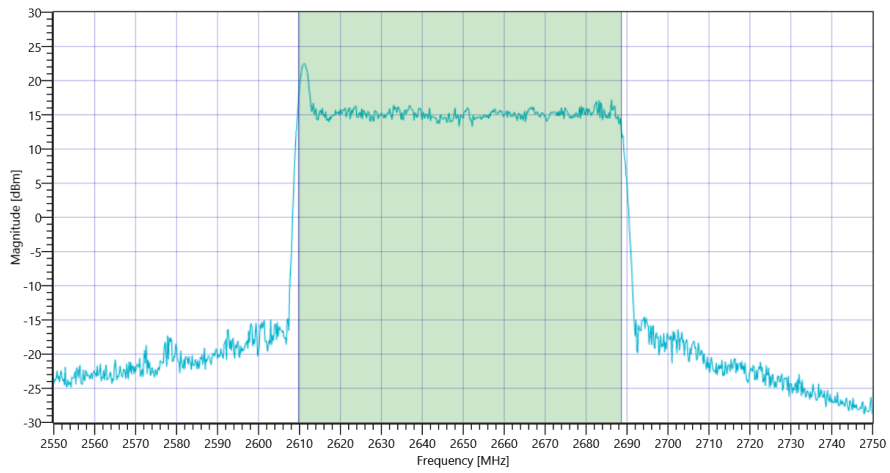
#### RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 78.921   | MHz  | INFO    |

#### READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 22.42   0   40        |
| Start [MHz]   Stop [MHz]                             | 2550.000   2750.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |





FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:38:54                                    |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| 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      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

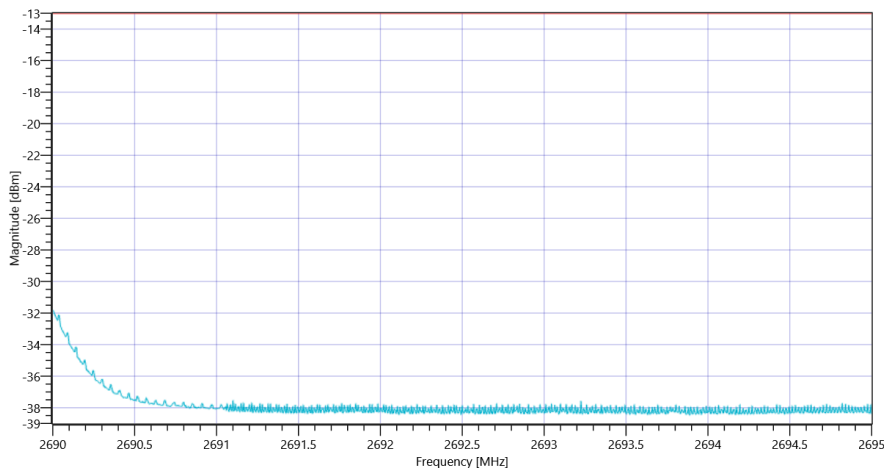
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 22.21    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2611.040 | MHz  | INFO    |

READ SA SETTINGS:

|  |                        |
|--|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 22.21   0   40         |
| Start [MHz]   Stop [MHz]                             | 2690.000   2695.000    |
| 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]<br>2690.5 | ---         | -13         | -36.56   | dBm  | PASS    |
| Frequency [MHz]<br>2691.5 | ---         | -13         | -38.38   | dBm  | PASS    |
| Frequency [MHz]<br>2692.5 | ---         | -13         | -38.45   | dBm  | PASS    |
| Frequency [MHz]<br>2693.5 | ---         | -13         | -38.47   | dBm  | PASS    |
| Frequency [MHz]<br>2694.5 | ---         | -13         | -38.47   | dBm  | PASS    |



FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:40:04                                      |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

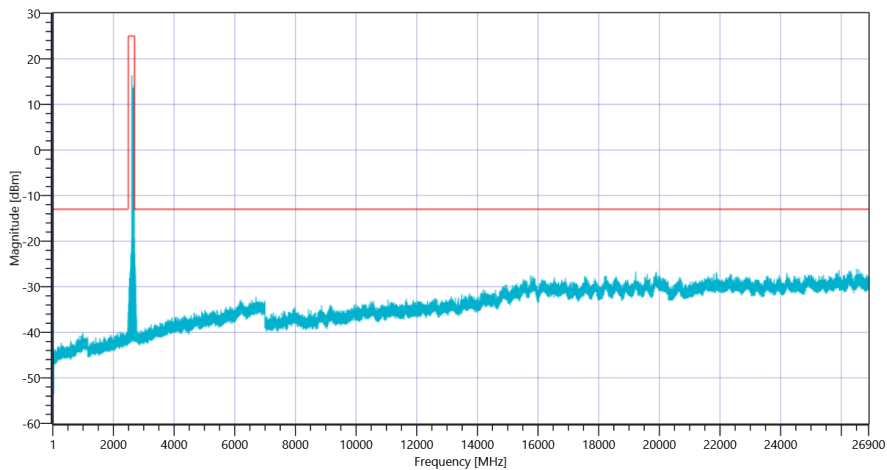
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.86    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2611.040 | MHz  | INFO    |

READ SA SETTINGS:

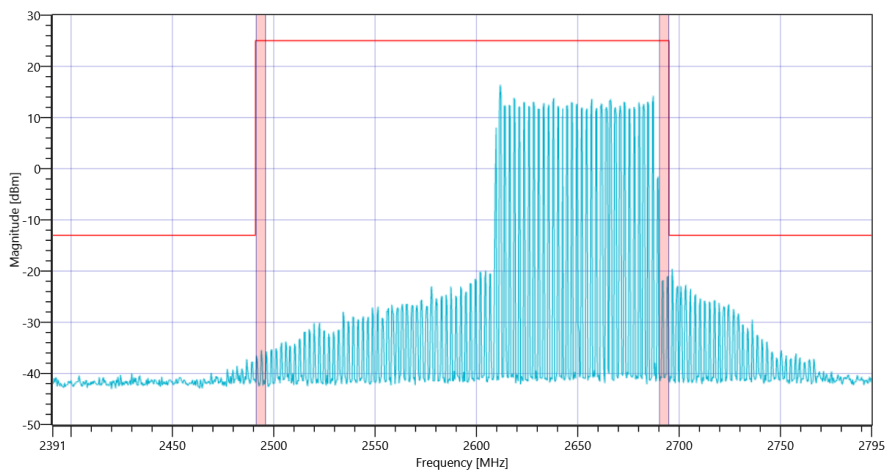
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.86   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: high , UL[MHz]/CH 2650/0 , 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\_41 Ant-2 SCS-30 2650 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2650

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 21:43:47                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

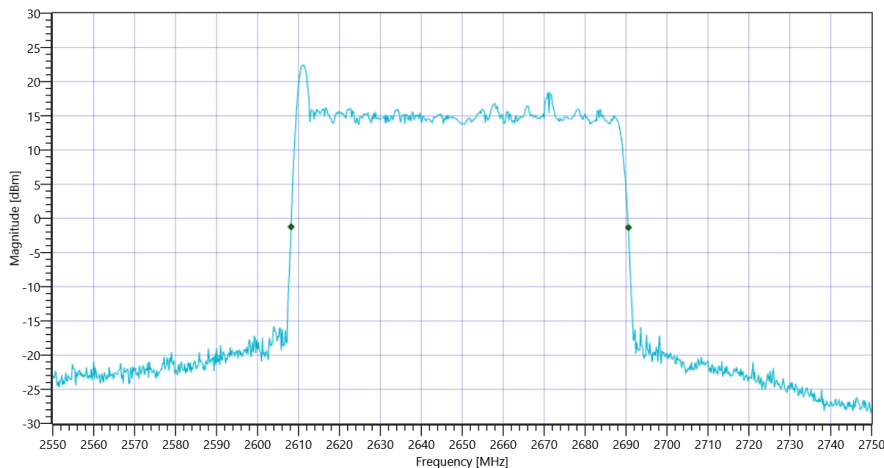
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 20.14    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2610.940 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 20.14   0   40        |
| Start [MHz]   Stop [MHz]                             | 2550.000   2750.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 82.4     | MHz  | INFO    |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

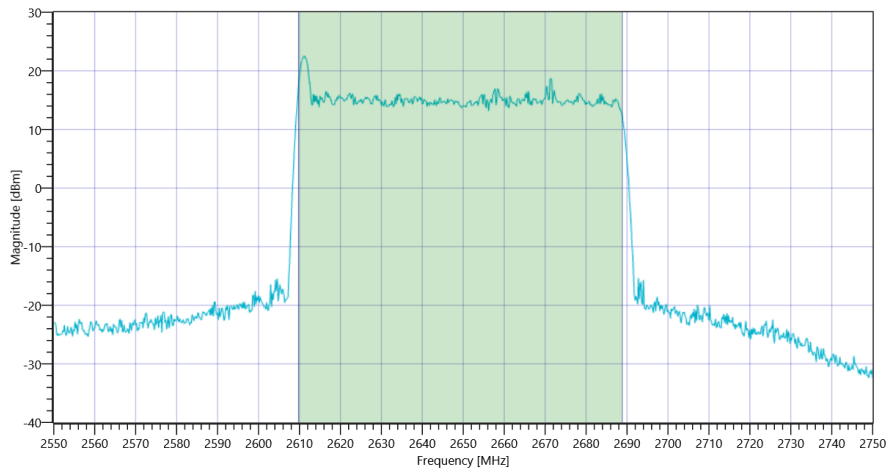
RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 79.121   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 20.14   0   35        |
| Start [MHz]   Stop [MHz]                             | 2550.000   2750.000   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |





FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:44:46                                    |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| 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      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

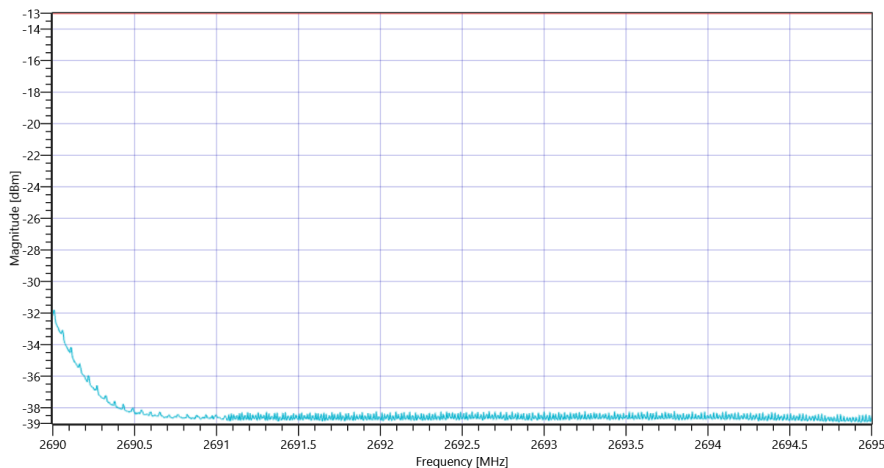
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 22.35    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2611.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                        |
|--|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 22.35   0   40         |
| Start [MHz]   Stop [MHz]                             | 2690.000   2695.000    |
| 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]<br>2690.5 | ---         | -13         | -37.21   | dBm  | PASS    |
| Frequency [MHz]<br>2691.5 | ---         | -13         | -38.9    | dBm  | PASS    |
| Frequency [MHz]<br>2692.5 | ---         | -13         | -38.88   | dBm  | PASS    |
| Frequency [MHz]<br>2693.5 | ---         | -13         | -38.87   | dBm  | PASS    |
| Frequency [MHz]<br>2694.5 | ---         | -13         | -38.95   | dBm  | PASS    |



FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:45:51                                      |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2650/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

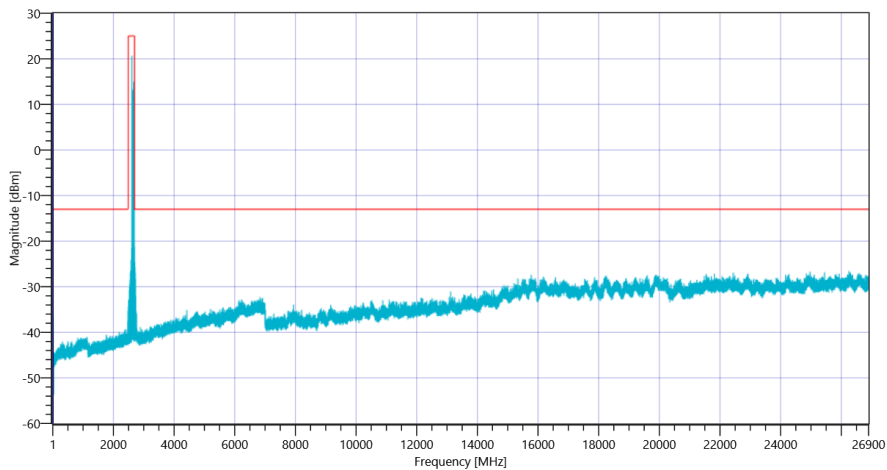
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.19    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2611.040 | MHz  | INFO    |

READ SA SETTINGS:

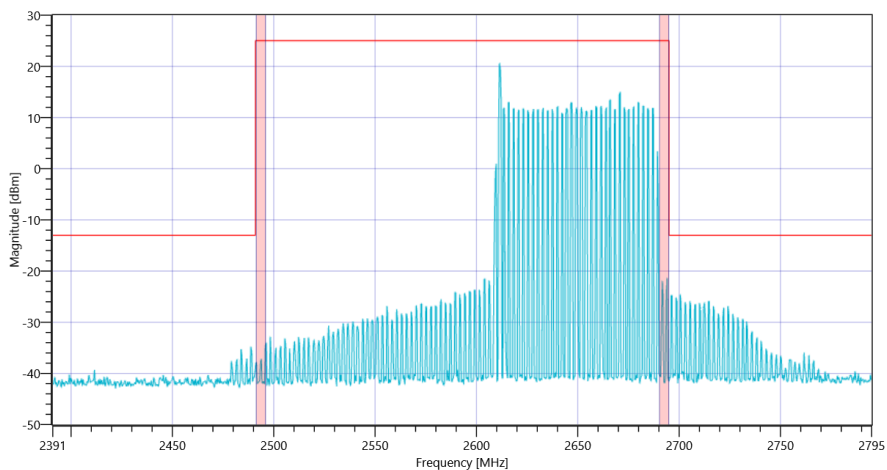
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.19   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: high , UL[MHz]/CH 2650/0 , 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\_41 Ant-2 SCS-30 2650 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2650

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 21:53:19                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

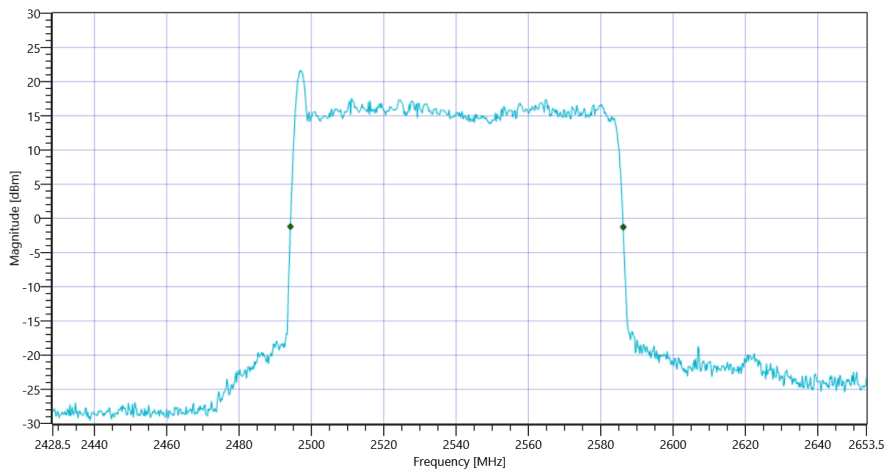
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.41    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.040 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.41   0   40        |
| Start [MHz]   Stop [MHz]                             | 2428.500   2653.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 92.025   | MHz  | INFO    |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

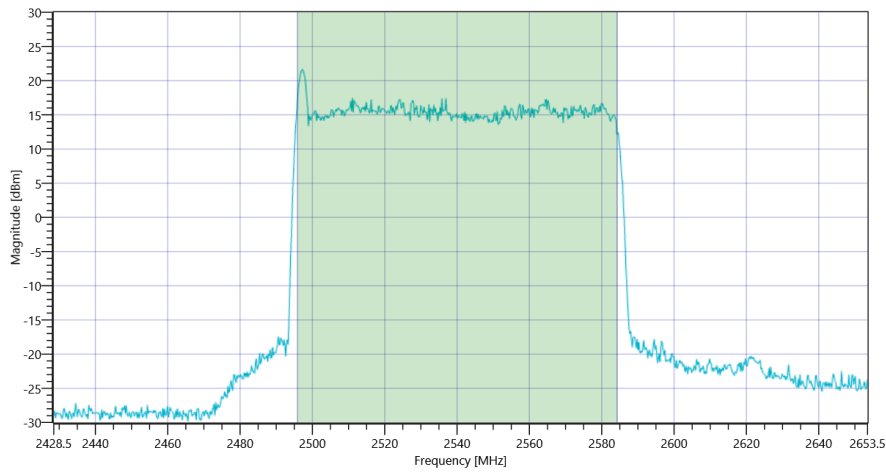
RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 88.337   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.41   0   40        |
| Start [MHz]   Stop [MHz]                             | 2428.500   2653.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |





FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:54:15                                    |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| 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      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

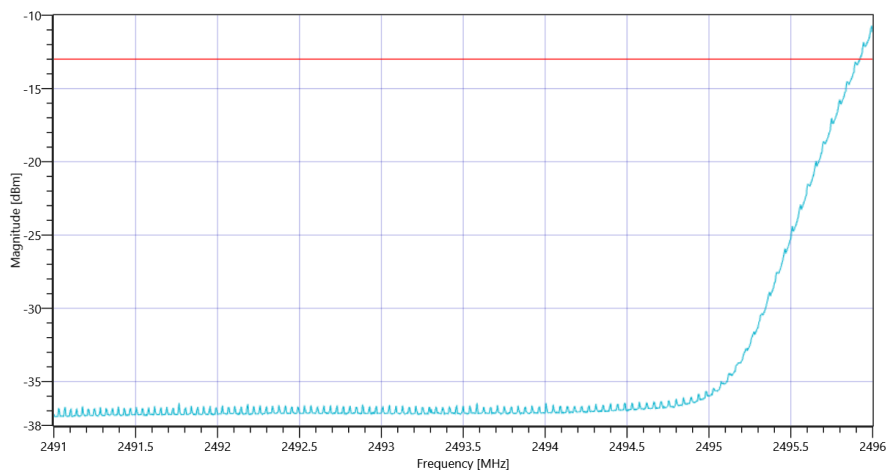
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.39    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                        |
|--|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.39   0   40         |
| Start [MHz]   Stop [MHz]                             | 2491.000   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]<br>2496.5 | ---         | -13         | -19.01   | dBm  | PASS    |
| Frequency [MHz]<br>2497.5 | ---         | -13         | -37.02   | dBm  | PASS    |
| Frequency [MHz]<br>2498.5 | ---         | -13         | -37.34   | dBm  | PASS    |
| Frequency [MHz]<br>2499.5 | ---         | -13         | -37.35   | dBm  | PASS    |
| Frequency [MHz]<br>2500.5 | ---         | -13         | -37.44   | dBm  | PASS    |



FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 21:57:28                                      |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

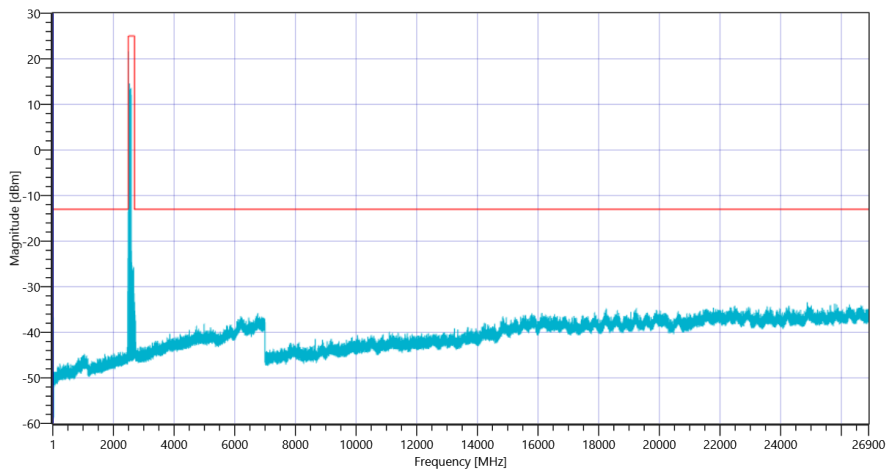
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 20.69    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.140 | MHz  | INFO    |

READ SA SETTINGS:

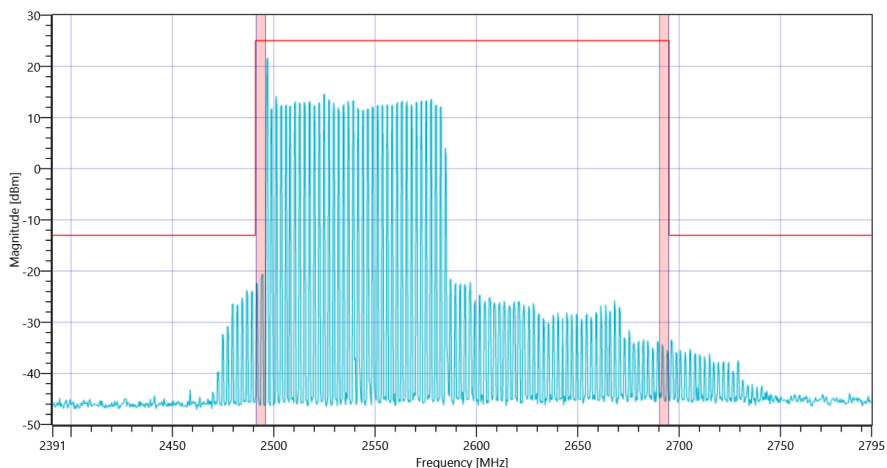
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 9.69   0   25         |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: low , UL[MHz]/CH 2541/0 , 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\_41 Ant-2 SCS-30 2541 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2541

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 22:01:12                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

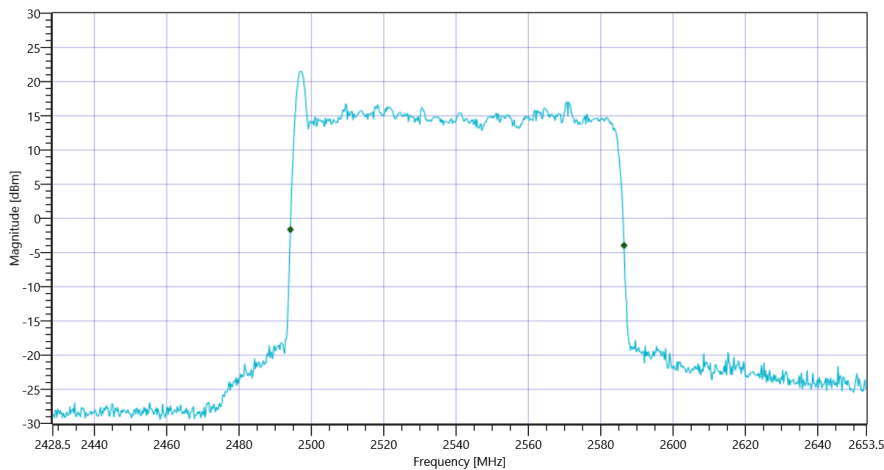
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.41    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.41   0   40        |
| Start [MHz]   Stop [MHz]                             | 2428.500   2653.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 92.25    | MHz  | INFO    |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

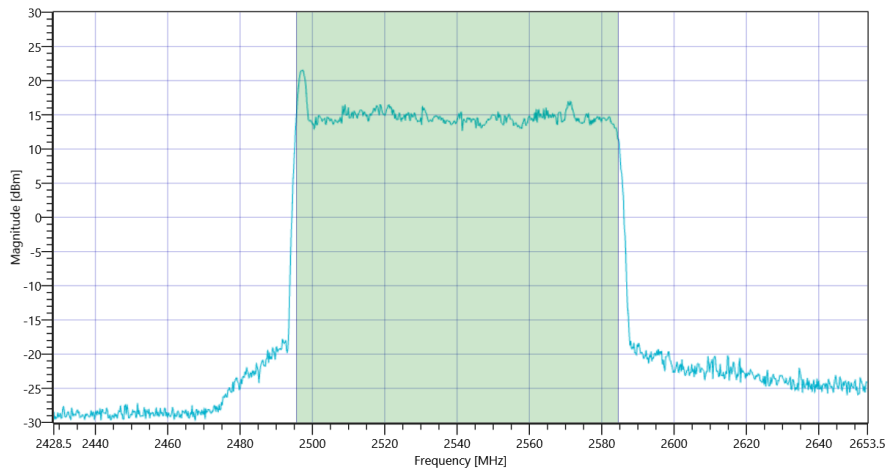
RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 88.786   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.41   0   40        |
| Start [MHz]   Stop [MHz]                             | 2428.500   2653.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |





FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:02:02                                    |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| 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      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

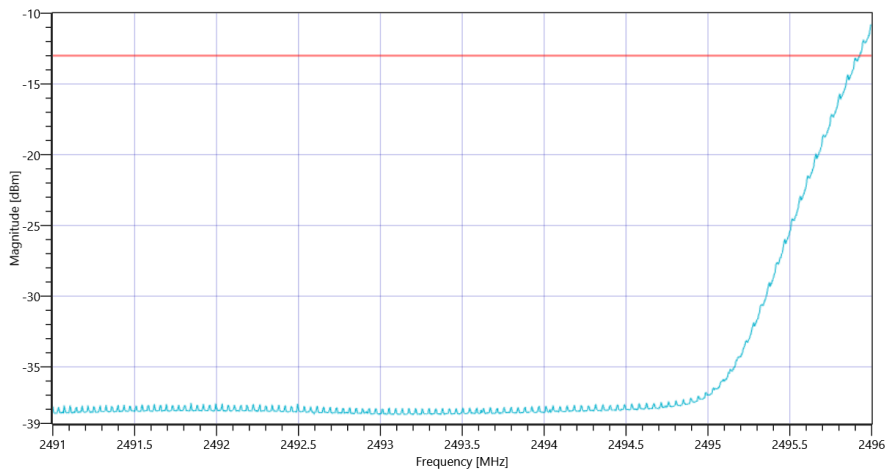
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.13    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.040 | MHz  | INFO    |

READ SA SETTINGS:

|  |                        |
|--|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.13   0   40         |
| Start [MHz]   Stop [MHz]                             | 2491.000   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]<br>2496.5 | ---         | -13         | -19.14   | dBm  | PASS    |
| Frequency [MHz]<br>2497.5 | ---         | -13         | -38.11   | dBm  | PASS    |
| Frequency [MHz]<br>2498.5 | ---         | -13         | -38.48   | dBm  | PASS    |
| Frequency [MHz]<br>2499.5 | ---         | -13         | -38.37   | dBm  | PASS    |
| Frequency [MHz]<br>2500.5 | ---         | -13         | -38.32   | dBm  | PASS    |



FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:03:07                                      |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

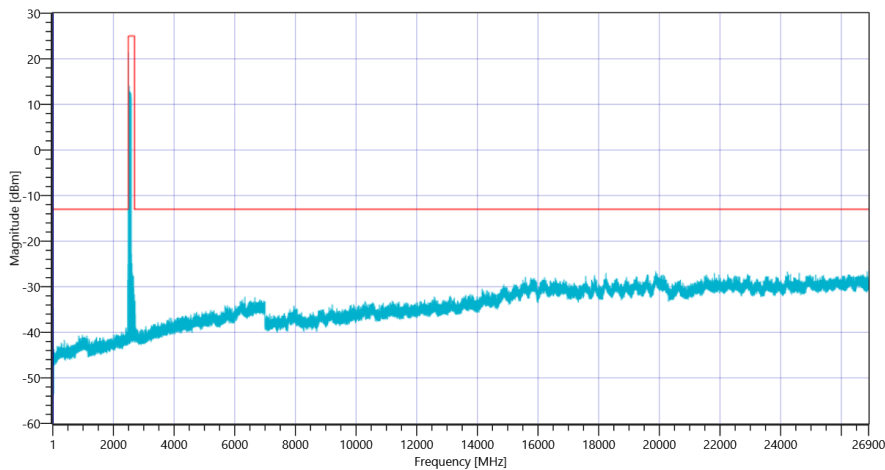
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.14    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.040 | MHz  | INFO    |

READ SA SETTINGS:

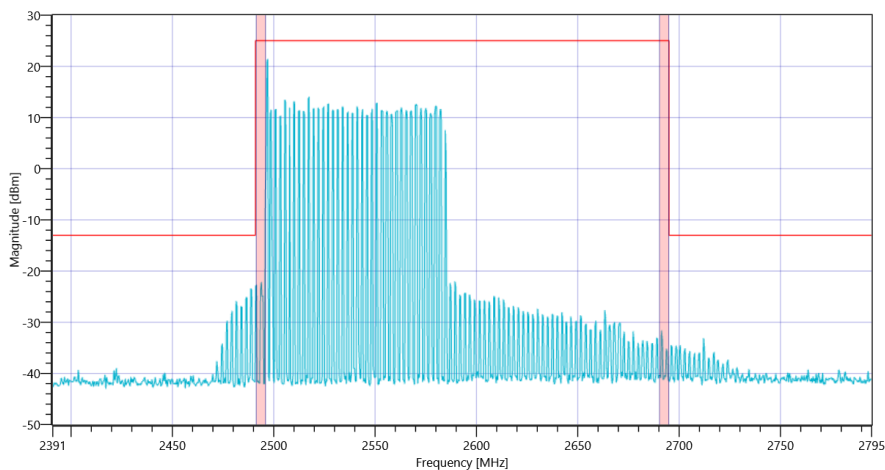
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.14   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: low , UL[MHz]/CH 2541/0 , 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\_41 Ant-2 SCS-30 2541 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2541

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 22:06:50                             |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

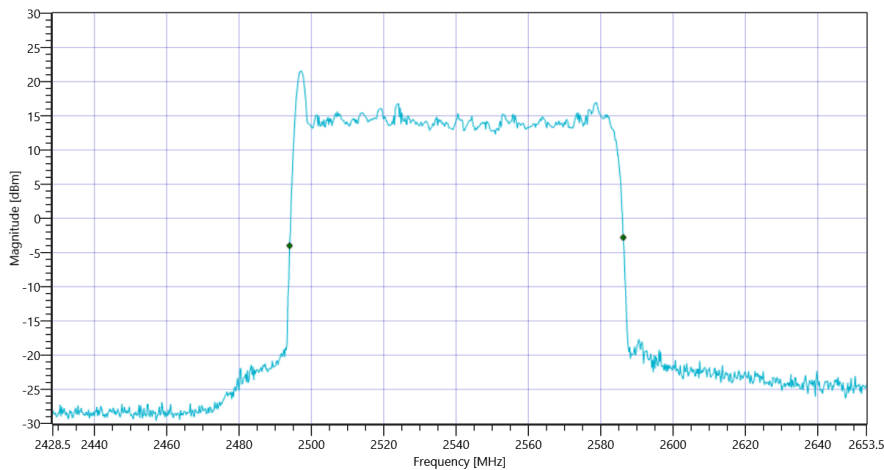
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.56    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.56   0   40        |
| Start [MHz]   Stop [MHz]                             | 2428.500   2653.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 92.25    | MHz  | INFO    |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

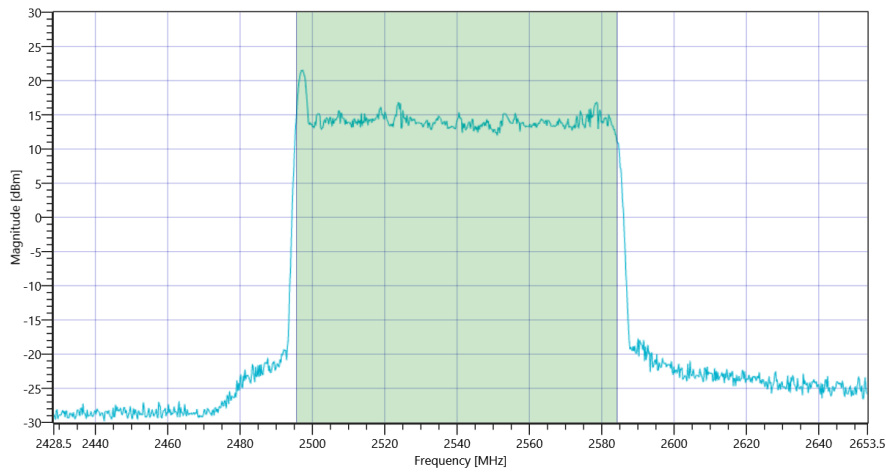
RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 88.561   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.56   0   40        |
| Start [MHz]   Stop [MHz]                             | 2428.500   2653.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |





FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:07:50                                    |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| 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      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

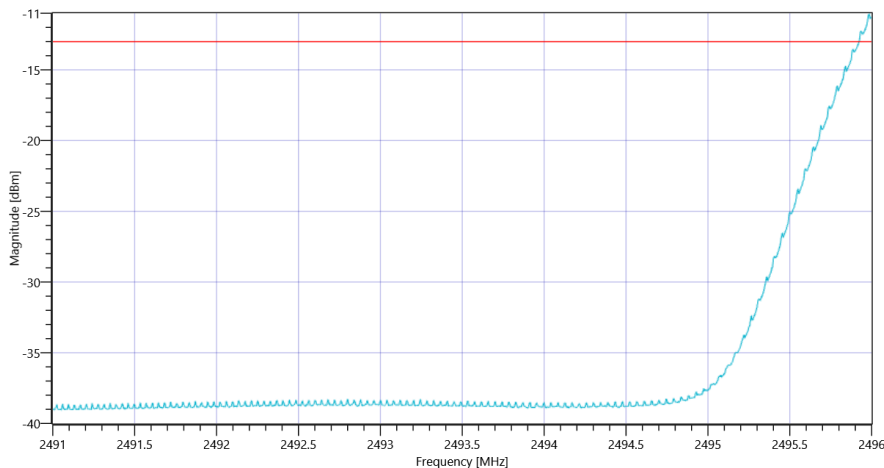
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.30    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.040 | MHz  | INFO    |

READ SA SETTINGS:

|  |                        |
|--|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.30   0   40         |
| Start [MHz]   Stop [MHz]                             | 2491.000   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]<br>2496.5 | ---         | -13         | -19.15   | dBm  | PASS    |
| Frequency [MHz]<br>2497.5 | ---         | -13         | -38.85   | dBm  | PASS    |
| Frequency [MHz]<br>2498.5 | ---         | -13         | -38.96   | dBm  | PASS    |
| Frequency [MHz]<br>2499.5 | ---         | -13         | -38.92   | dBm  | PASS    |
| Frequency [MHz]<br>2500.5 | ---         | -13         | -39.11   | dBm  | PASS    |



FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:08:49                                      |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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]: 90

Test freq: low , UL[MHz]/CH 2541/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

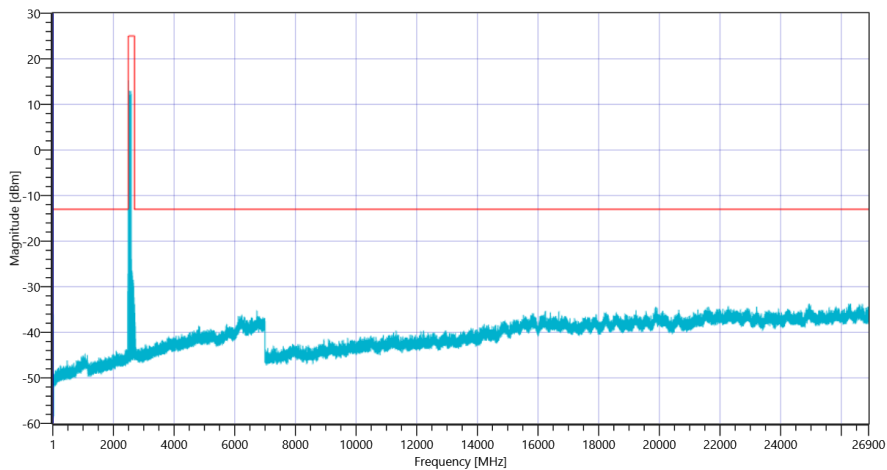
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 20.62    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2497.040 | MHz  | INFO    |

READ SA SETTINGS:

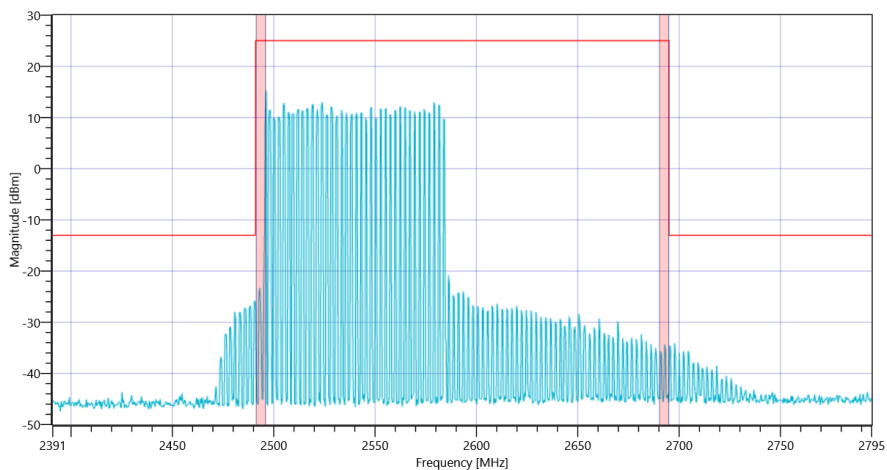
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 9.62   0   25         |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: low , UL[MHz]/CH 2541/0 , 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\_41 Ant-2 SCS-30 2541 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2541

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 22:12:34                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 90

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

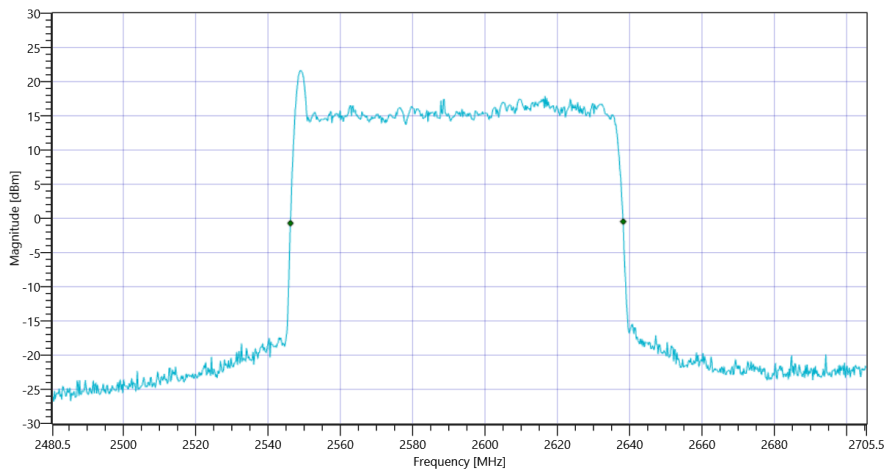
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.41    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2549.040 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.41   0   40        |
| Start [MHz]   Stop [MHz]                             | 2480.500   2705.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 92.025   | MHz  | INFO    |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

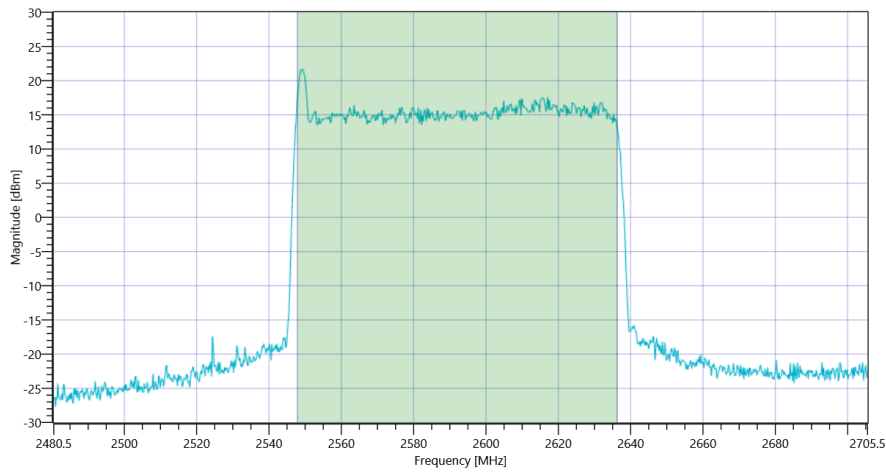
RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 88.337   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.41   0   40        |
| Start [MHz]   Stop [MHz]                             | 2480.500   2705.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |





FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:15:52                                      |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 90

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

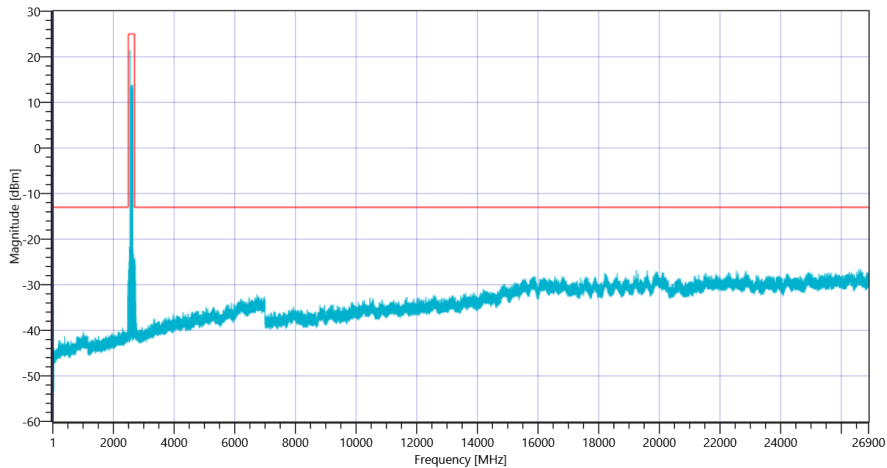
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.89    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2549.040 | MHz  | INFO    |

READ SA SETTINGS:

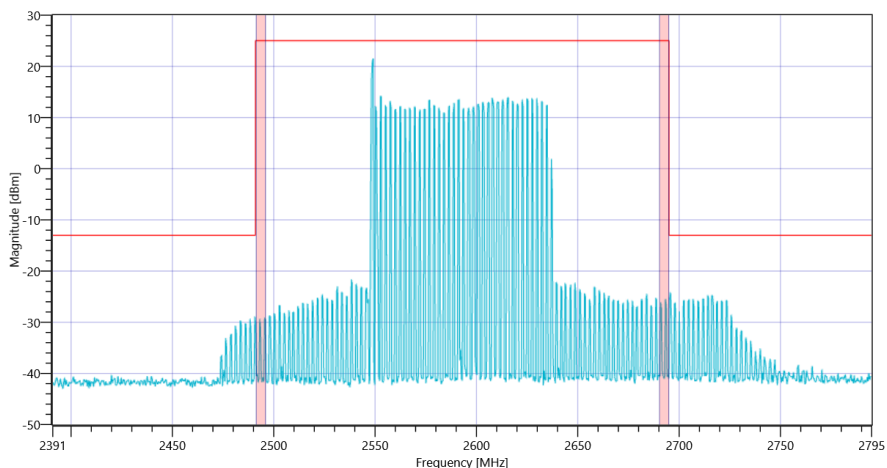
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.89   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: mid , UL[MHz]/CH 2593/0 , 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\_41 Ant-2 SCS-30 2593 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2593

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 22:19:47                             |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 90

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

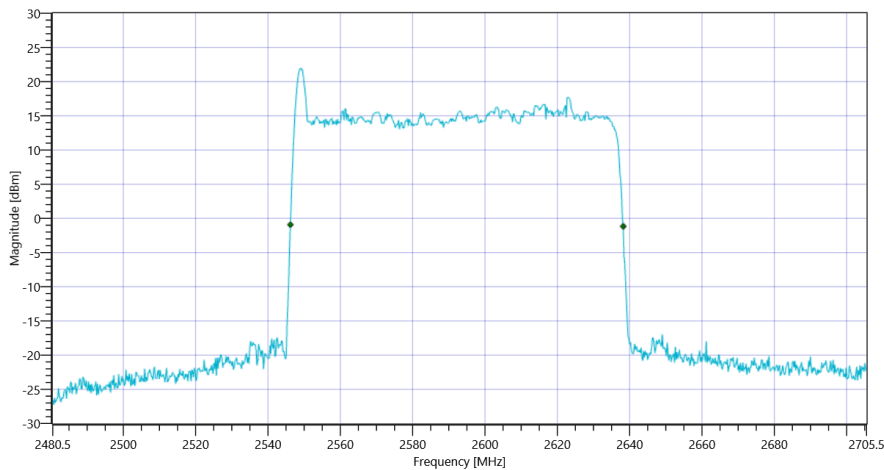
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.32    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2549.040 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.32   0   40        |
| Start [MHz]   Stop [MHz]                             | 2480.500   2705.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 92.025   | MHz  | INFO    |

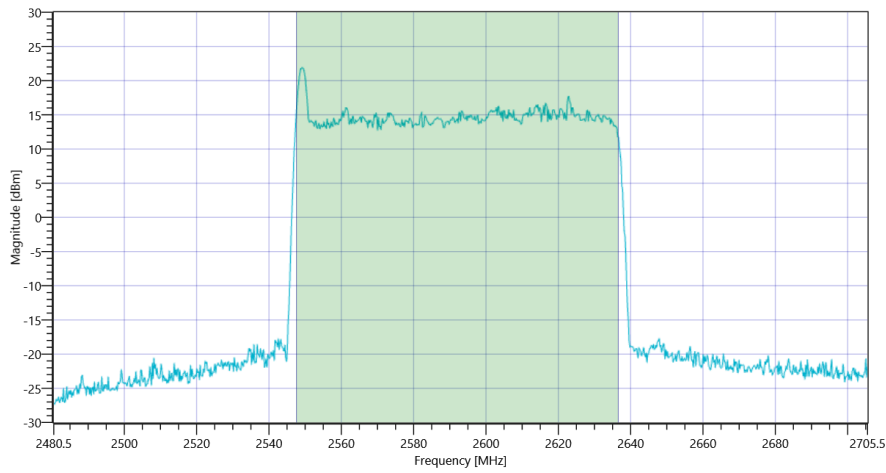


RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 88.786   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.32   0   40        |
| Start [MHz]   Stop [MHz]                             | 2480.500   2705.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:20:48                                      |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 90

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

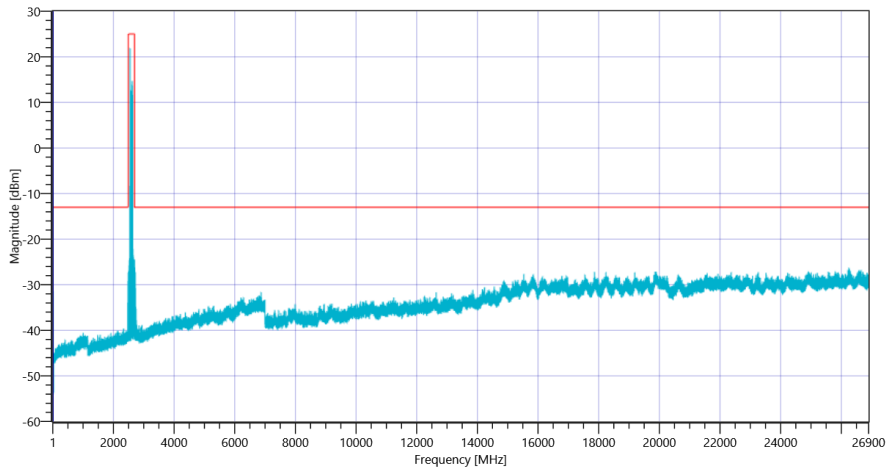
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.70    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2549.040 | MHz  | INFO    |

READ SA SETTINGS:

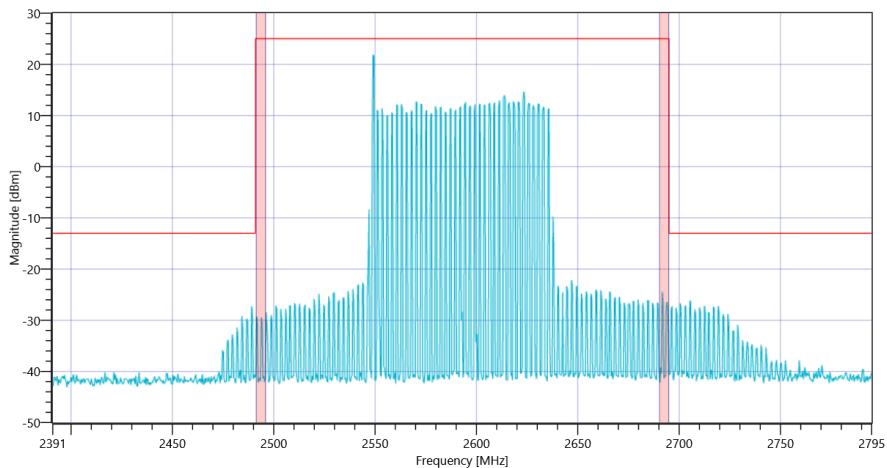
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.70   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: mid , UL[MHz]/CH 2593/0 , 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\_41 Ant-2 SCS-30 2593 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2593

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 22:24:39                             |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 90

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 64QAM

#### RESULT: Reference Power cond.

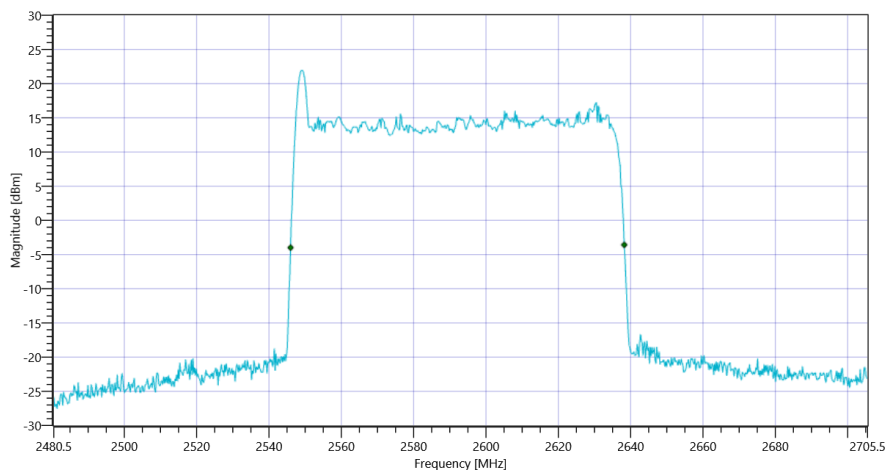
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.55    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2549.040 | MHz  | INFO    |

#### READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.55   0   40        |
| Start [MHz]   Stop [MHz]                             | 2480.500   2705.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

#### RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 92.25    | MHz  | INFO    |



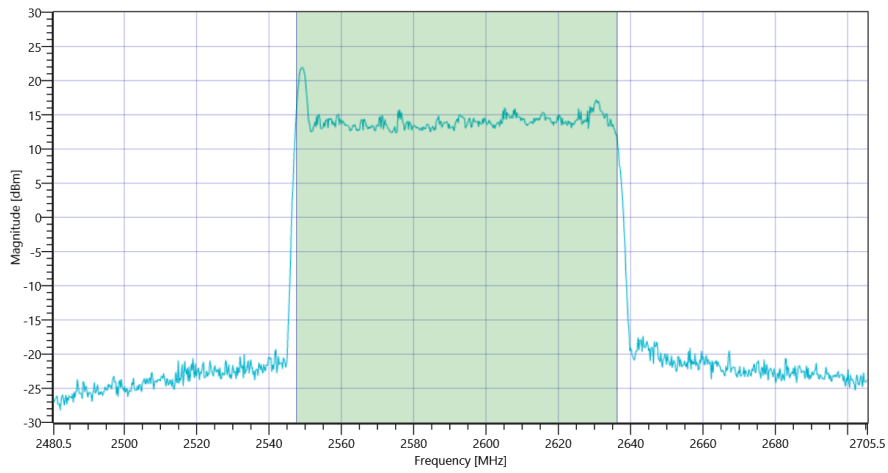
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

#### RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 88.561   | MHz  | INFO    |

#### READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.55   0   40        |
| Start [MHz]   Stop [MHz]                             | 2480.500   2705.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |



General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:25:41                                      |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| Antenna Port used                                | 2       |
| 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]: 90

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

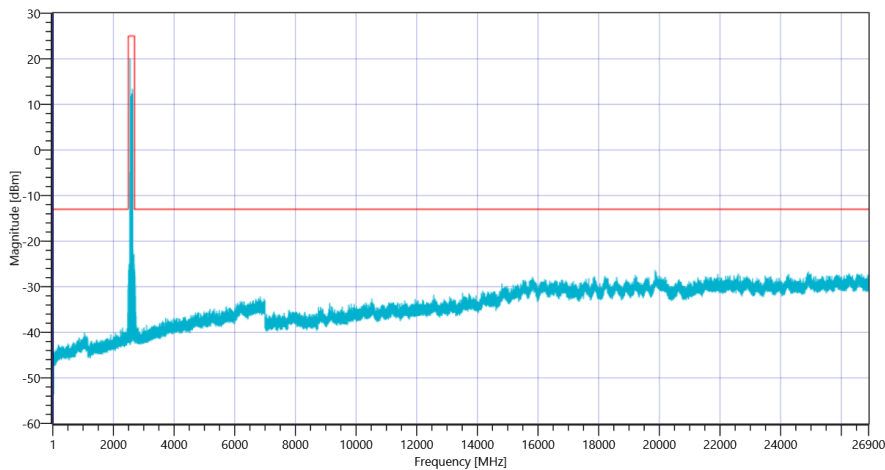
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.95    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2549.140 | MHz  | INFO    |

READ SA SETTINGS:

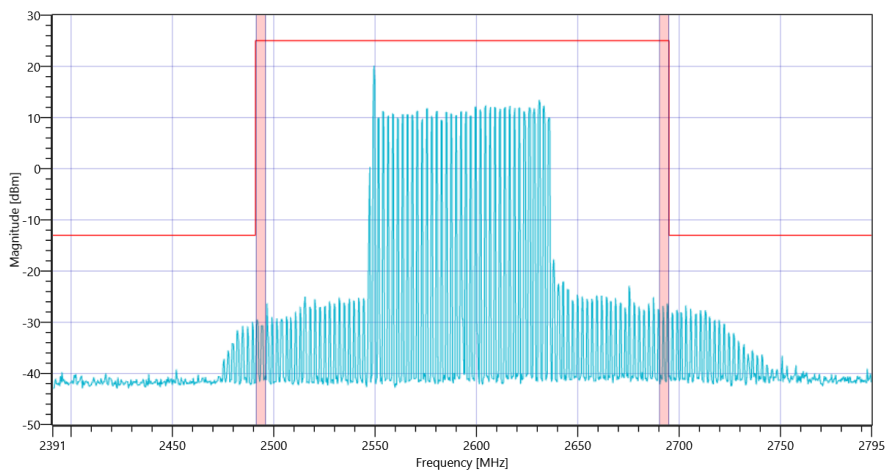
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.95   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: mid , UL[MHz]/CH 2593/0 , 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\_41 Ant-2 SCS-30 2593 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2593

General verdict

PASS



## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 22:29:57                             |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2645/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

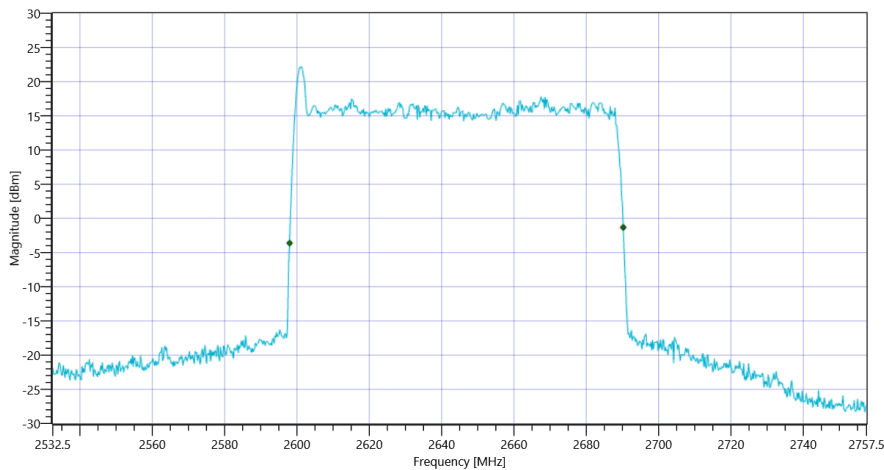
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 22.18    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2601.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 22.18   0   40        |
| Start [MHz]   Stop [MHz]                             | 2532.500   2757.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 92.25    | MHz  | INFO    |



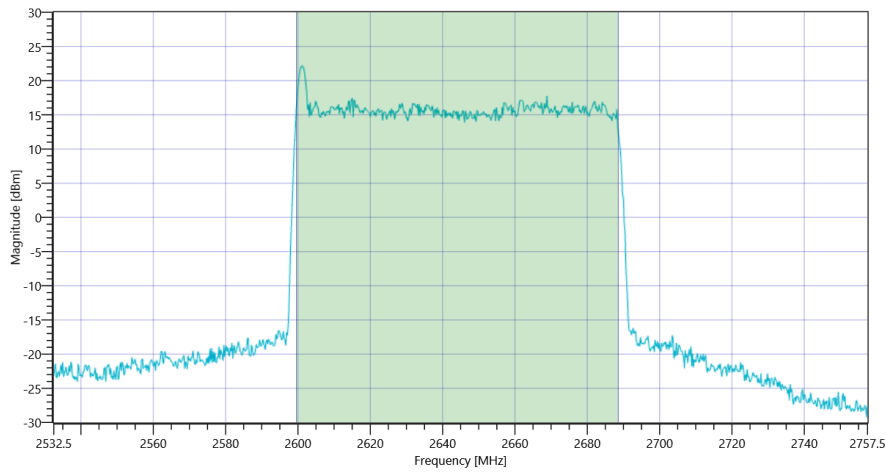
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 88.786   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 22.18   0   40        |
| Start [MHz]   Stop [MHz]                             | 2532.500   2757.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |



General verdict

PASS

## FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:31:22                                    |
| Ambit Temp [°C]   Humidity [rel%] | 32.0   28  |
| System Version                    | 3.0.6.4  |
| 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      |
| 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 2645/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

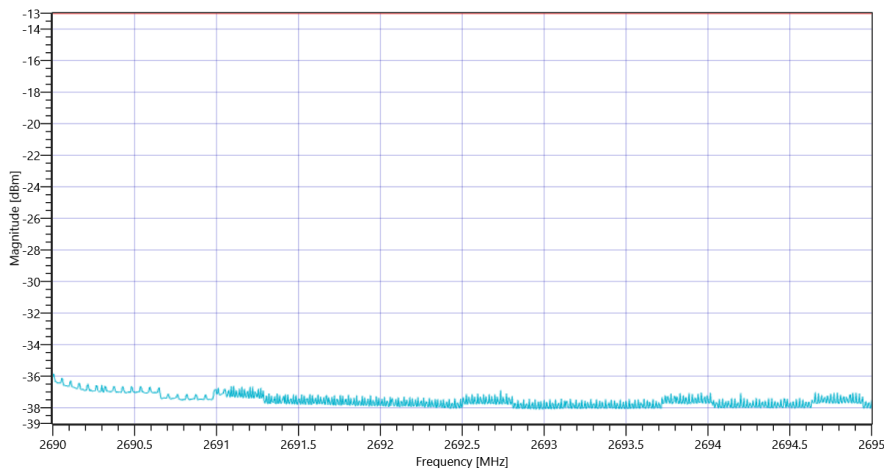
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.78    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2601.140 | MHz  | INFO    |

READ SA SETTINGS:

|  |                        |
|--|------------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.78   0   40         |
| Start [MHz]   Stop [MHz]                             | 2690.000   2695.000    |
| 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]<br>2690.5 | ---         | -13         | -37.26   | dBm  | PASS    |
| Frequency [MHz]<br>2691.5 | ---         | -13         | -37.73   | dBm  | PASS    |
| Frequency [MHz]<br>2692.5 | ---         | -13         | -38      | dBm  | PASS    |
| Frequency [MHz]<br>2693.5 | ---         | -13         | -38.04   | dBm  | PASS    |
| Frequency [MHz]<br>2694.5 | ---         | -13         | -37.99   | dBm  | PASS    |



FCC, ISED # Block edge conducted ~ NR Band\_41 Ant-2 SCS-30

General verdict

PASS

## FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |  |
|-----------------------------------|--|
| TC Start                          | 22.05.2022 22:32:24                                      |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28  |
| System Version                    | 3.0.6.4  |
| Test Specification                | FCC, ISED -  |
| Test Method                       |  |
| TC Version                        | 0.0.1  |
| My Description                    | FCC/ISED MobileRadio TX Emissions conducted - NR Band_41 |
| Add. Information                  |  |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2645/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

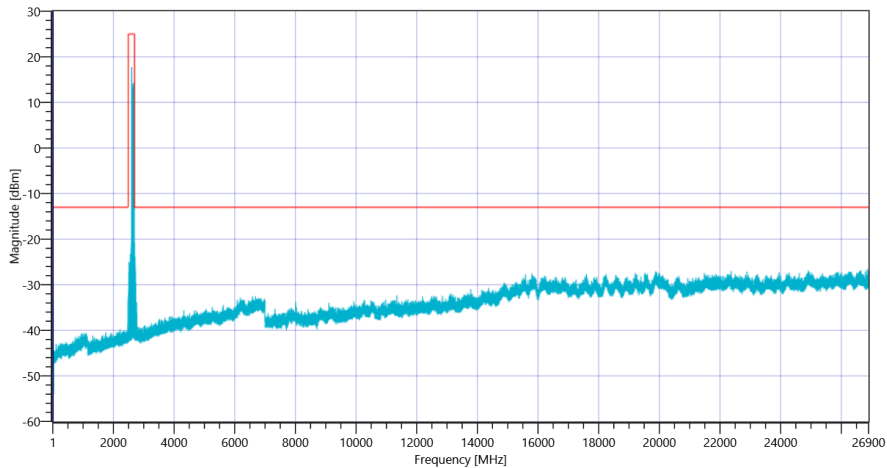
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.98    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2601.040 | MHz  | INFO    |

READ SA SETTINGS:

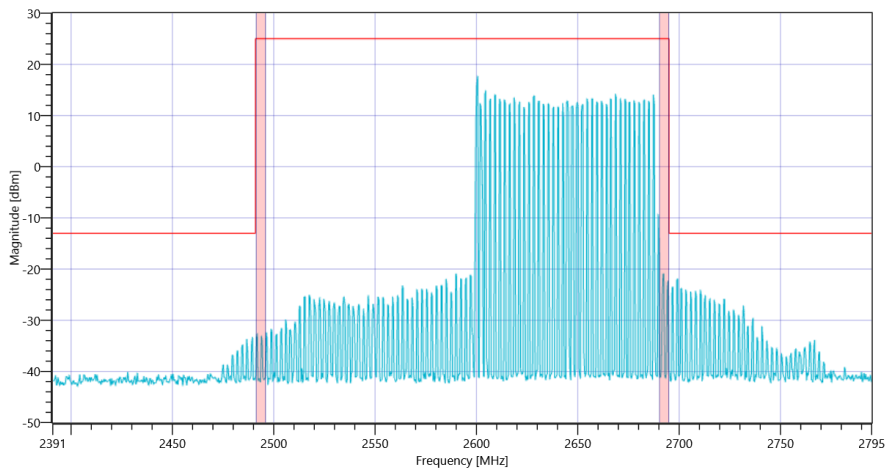
|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 10.98   0   30        |
| Start [MHz]   Stop [MHz]                             | 1.000   401.000       |
| RBW [MHz]   VBW [MHz]                                | 1.000000   3.000000   |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1600   1   1001   SWE |

RESULT Test freq: high , UL[MHz]/CH 2645/0 , 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\_41 Ant-2 SCS-30 2645 MHz



FCC, ISED # TX Emissions conducted ~ NR Band\_41 Ant-2 SCS-30 2645

General verdict

PASS



## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30

| Test References                   |   |
|-----------------------------------|---|
| TC Start                          | 22.05.2022 22:36:07                             |
| Ambit Temp [°C]   Humidity [rel%] | 31.9   28                                       |
| System Version                    | 3.0.6.4   |
| Test Specification                | FCC, ISED -                                     |
| Test Method                       |   |
| TC Version                        | 0.0.1   |
| My Description                    | FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41 |
| Add. Information                  |   |

| Test Parameter                                   |         |
|--|---------|
| Technology to test                               | NR      |
| Band   | Band_41 |
| SCS [kHz]  | 30      |
| 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 2645/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

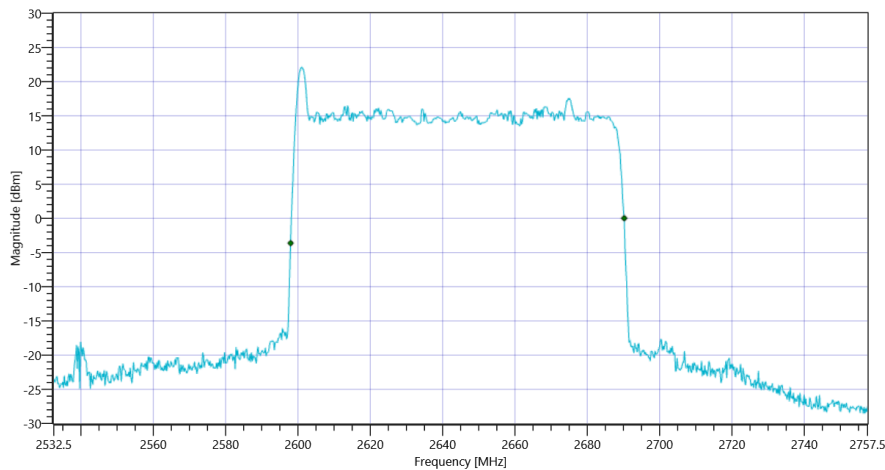
| Test Description              | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|-------------------------------|-------------|-------------|----------|------|---------|
| Ref. Power<br>1MHz/1MHz cond. | ---         | ---         | 21.81    | dBm  | INFO    |
| Ref. Frequency                | ---         | ---         | 2601.040 | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.81   0   40        |
| Start [MHz]   Stop [MHz]                             | 2532.500   2757.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 2   1500   1001   SWE |

RESULT 26 dB

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 26dB   | ---         | ---         | 92.25    | MHz  | INFO    |



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-2 SCS-30 26dB

RESULT 99%

| Test Description | Lower Limit | Upper Limit | Measured | Unit | Verdict |
|------------------|-------------|-------------|----------|------|---------|
| Bandwidth 99%    | ---         | ---         | 88.786   | MHz  | INFO    |

READ SA SETTINGS:

|  |                       |
|--|-----------------------|
| RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]   | 21.81   0   40        |
| Start [MHz]   Stop [MHz]                             | 2532.500   2757.500   |
| RBW [MHz]   VBW [MHz]                                | 2.000000   10.000000  |
| Detector   TraceMode                                 | POS   MAXH            |
| Sweep: Time [ms]   Count   Points per Section   Type | 1   1500   1001   SWE |