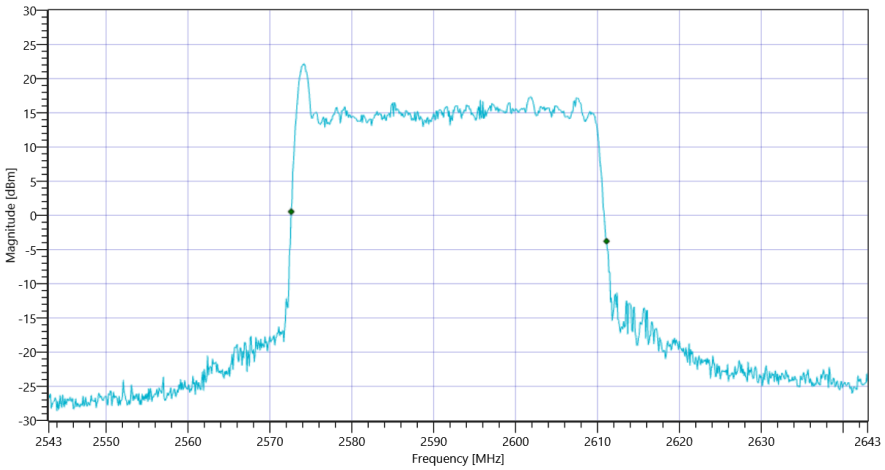
Test at BW [MHz]: 40

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.11	dBm	INFO
Ref. Frequency	---	---	2574.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.11 | 0 | 40
Start [MHz] | Stop [MHz]	2543.000 | 2643.000
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

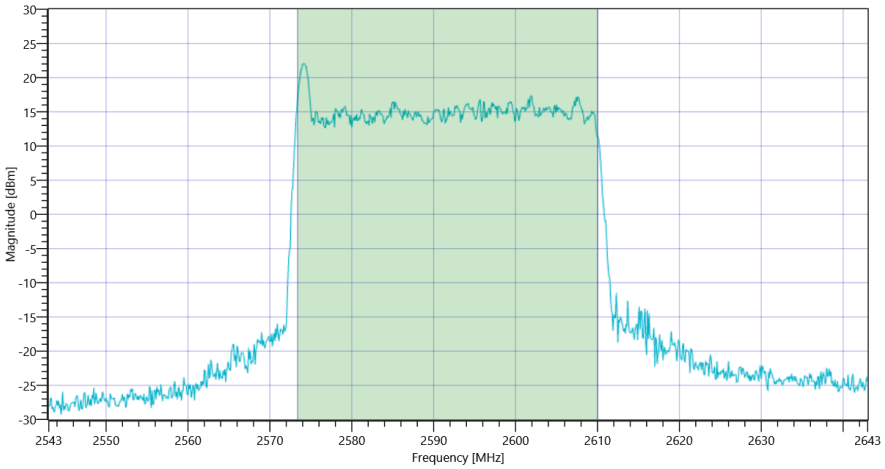
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	38.5	MHz	INFO



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%	---	---	36.663	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.11 | 0 | 40
Start [MHz] | Stop [MHz]	2543.000 | 2643.000
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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	23.05.2022 12:46:04
Ambit Temp [°C] | Humidity [rel%]	29.1 | 45
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

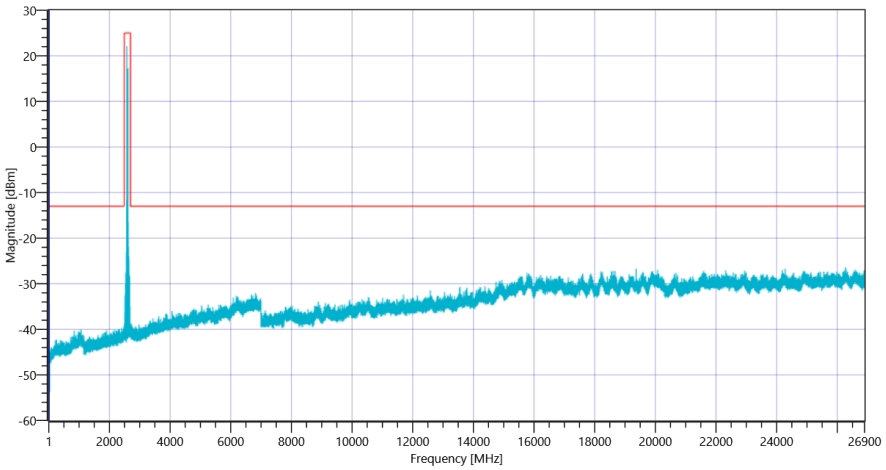
Test at BW [MHz]: 40

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 64QAM

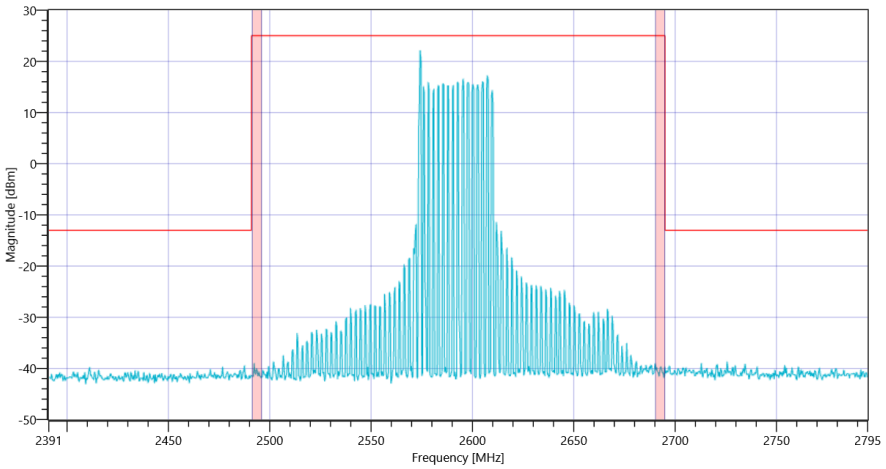
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.98	dBm	INFO
Ref. Frequency	---	---	2574.120	MHz	INFO

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: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 64QAM					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_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	23.05.2022 12:49:49
Ambit Temp [°C] | Humidity [rel%]	29.1 | 45
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

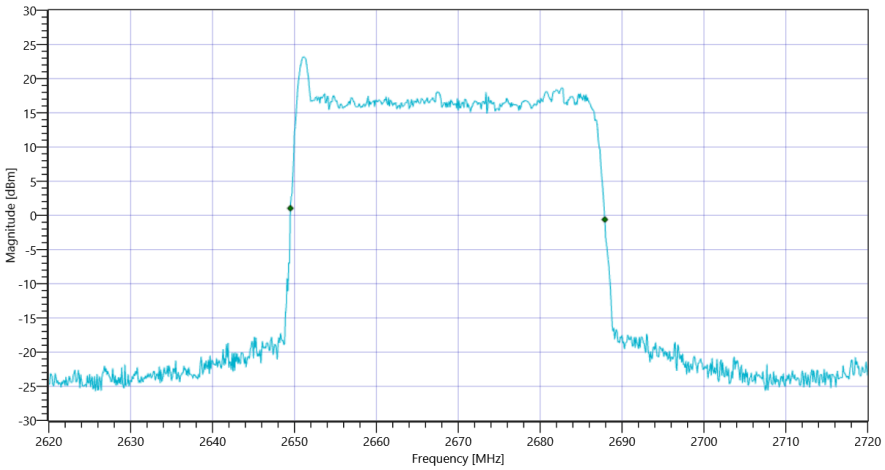
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.60	dBm	INFO
Ref. Frequency	---	---	2651.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.60 | 0 | 40
Start [MHz] | Stop [MHz]	2620.000 | 2720.000
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

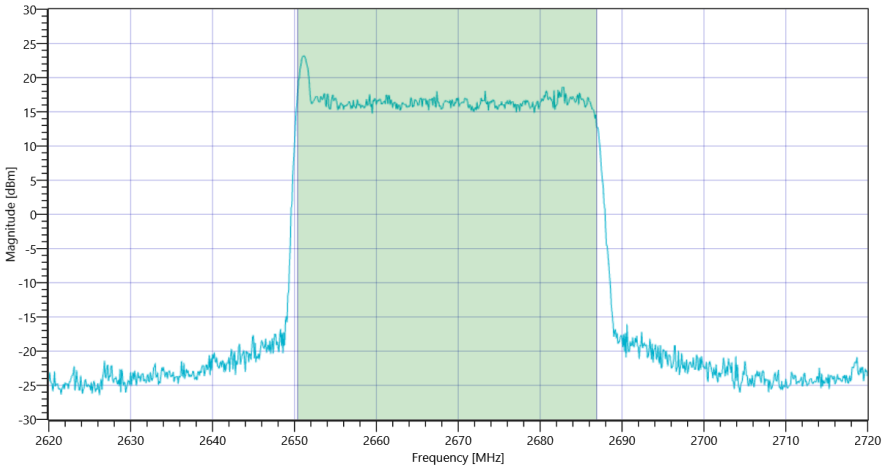
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	38.4	MHz	INFO



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%	---	---	36.563	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.60 | 0 | 40
Start [MHz] | Stop [MHz]	2620.000 | 2720.000
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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	23.05.2022 12:50:59
Ambit Temp [°C] | Humidity [rel%]	29.1 | 45
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

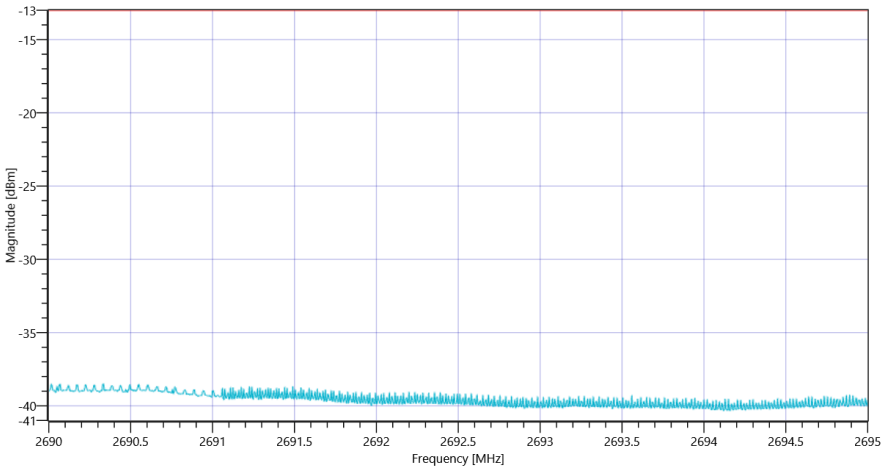
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	23.11	dBm	INFO
Ref. Frequency	---	---	2651.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	23.11 | 0 | 40
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-36.22	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-36.62	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-36.98	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-37.17	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-37.2	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	23.05.2022 12:52:08
Ambit Temp [°C] | Humidity [rel%]	29.1 | 45
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

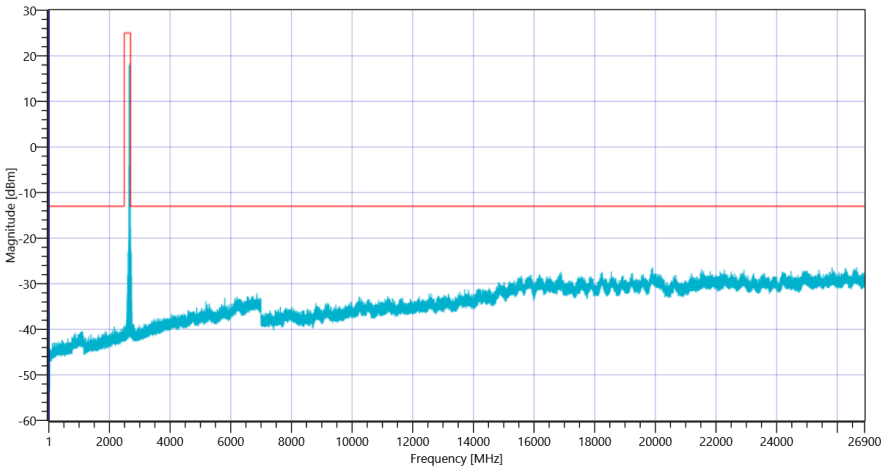
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: QPSK

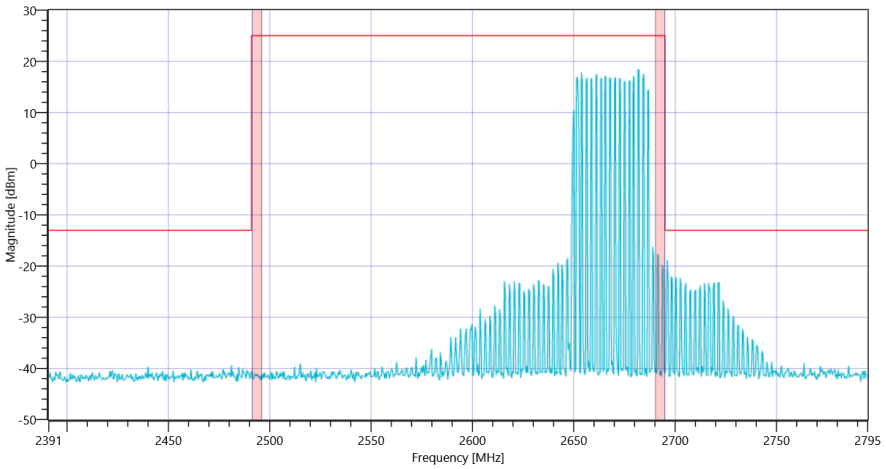
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	23.06	dBm	INFO
Ref. Frequency	---	---	2651.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	12.06 | 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 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: QPSK					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2670 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2670

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	23.05.2022 12:55:52
Ambit Temp [°C] | Humidity [rel%]	29.0 | 45
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

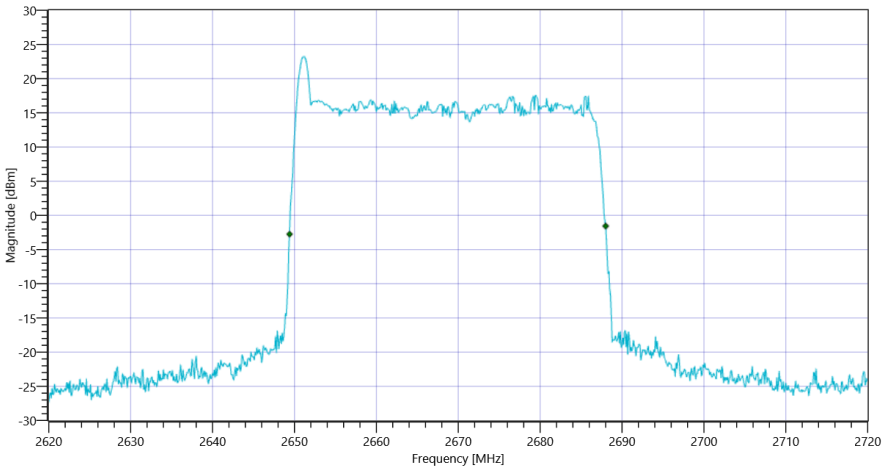
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	23.00	dBm	INFO
Ref. Frequency	---	---	2651.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	23.00 | 0 | 40
Start [MHz] | Stop [MHz]	2620.000 | 2720.000
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

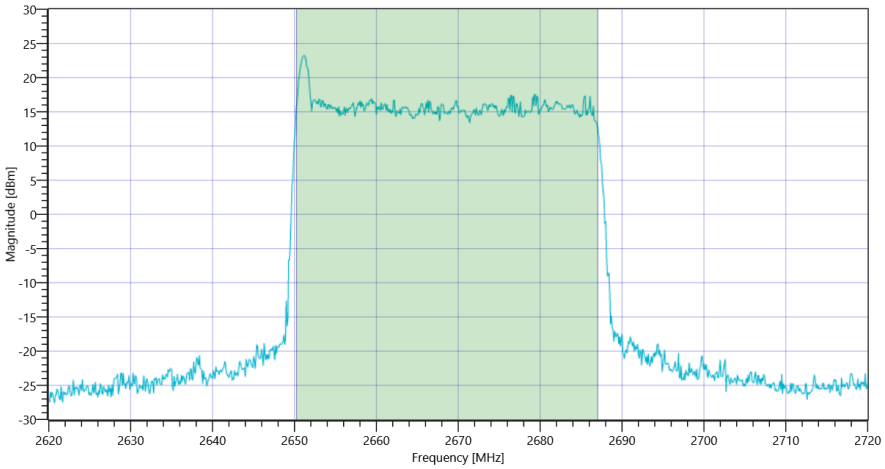
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	38.6	MHz	INFO



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%	---	---	36.763	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	23.00 | 0 | 40
Start [MHz] | Stop [MHz]	2620.000 | 2720.000
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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	23.05.2022 12:56:49
Ambit Temp [°C] | Humidity [rel%]	29.0 | 45
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

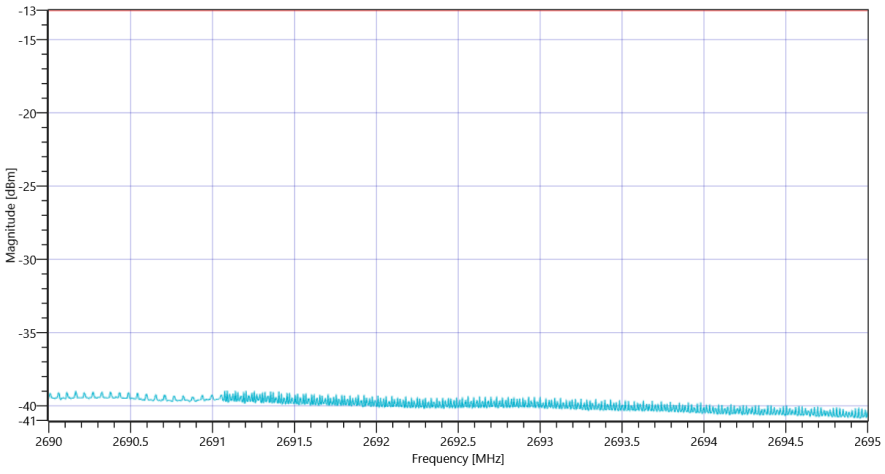
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	23.05	dBm	INFO
Ref. Frequency	---	---	2651.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	23.05 | 0 | 40
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-36.72	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-36.89	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-37.15	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-37.37	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-37.72	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	23.05.2022 12:57:51
Ambit Temp [°C] | Humidity [rel%]	29.0 | 45
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

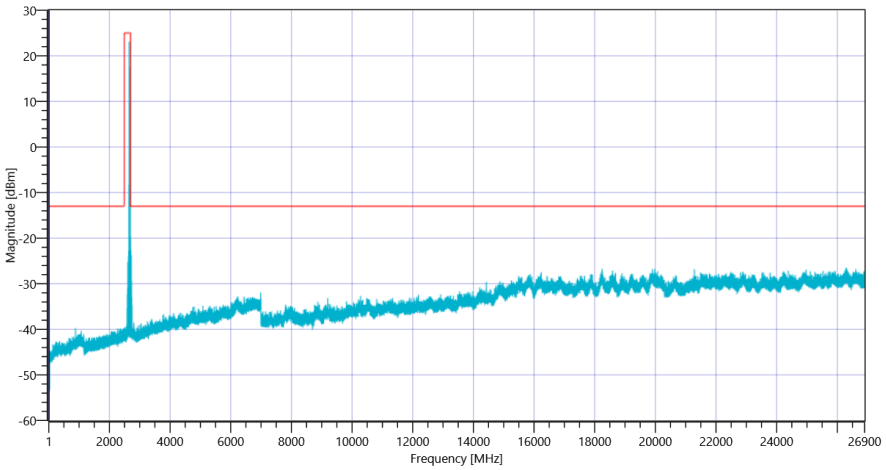
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 16QAM

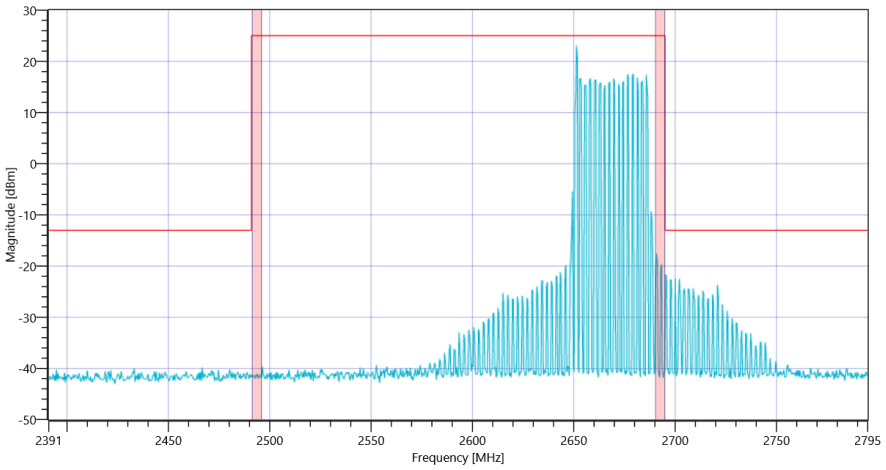
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.76	dBm	INFO
Ref. Frequency	---	---	2651.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	11.76 | 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: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 16QAM					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2670 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2670

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	23.05.2022 13:01:41
Ambit Temp [°C] | Humidity [rel%]	28.9 | 46
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

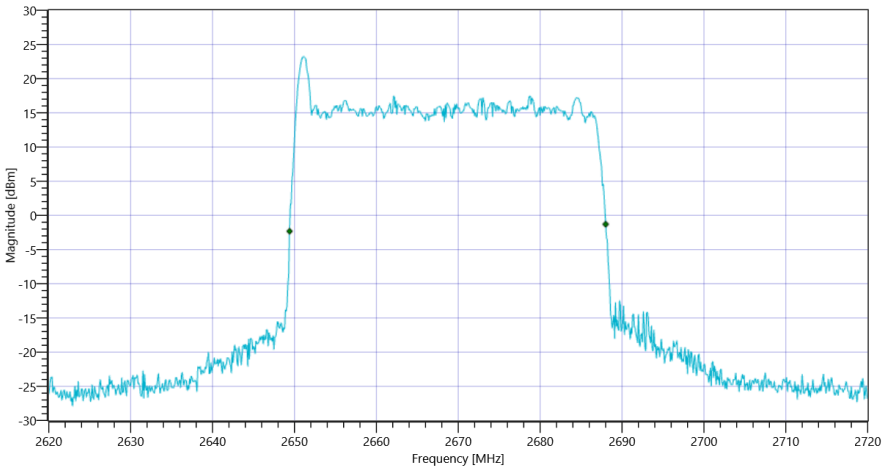
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.71	dBm	INFO
Ref. Frequency	---	---	2651.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.71 | 0 | 40
Start [MHz] | Stop [MHz]	2620.000 | 2720.000
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

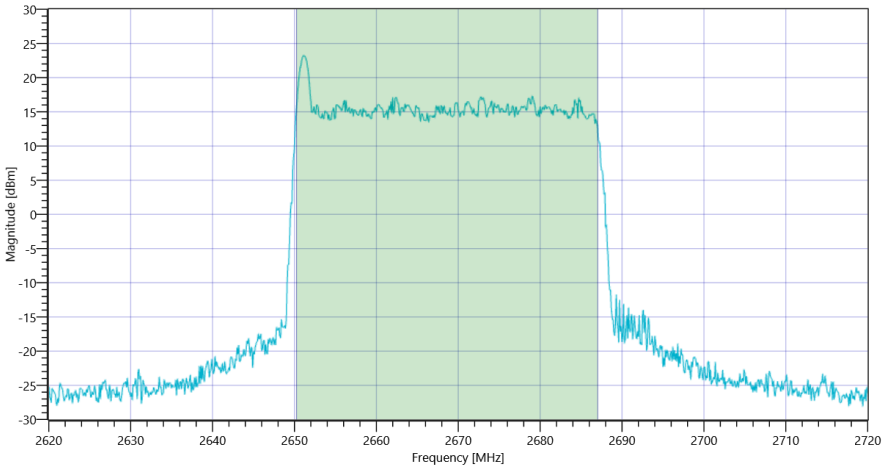
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	38.6	MHz	INFO



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%	---	---	36.763	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.71 | 0 | 40
Start [MHz] | Stop [MHz]	2620.000 | 2720.000
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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	23.05.2022 13:02:41
Ambit Temp [°C] | Humidity [rel%]	28.9 | 46
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

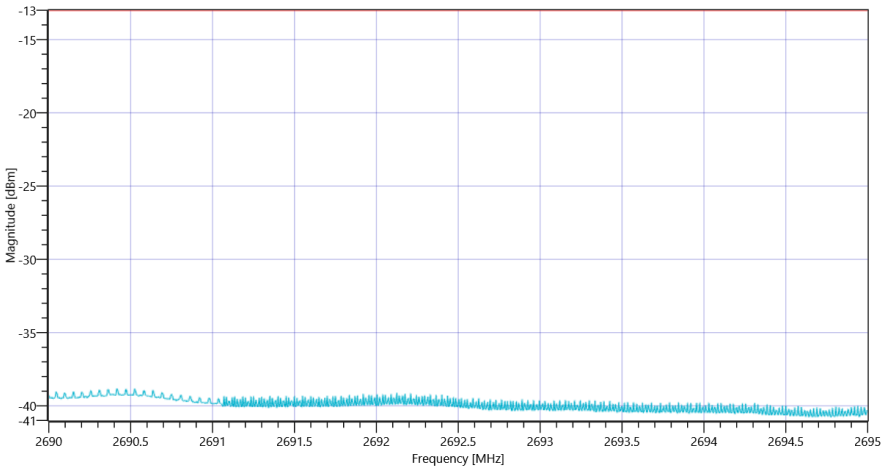
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.64	dBm	INFO
Ref. Frequency	---	---	2651.020	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.64 | 0 | 40
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-36.63	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-37.07	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-37.14	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-37.45	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-37.68	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	23.05.2022 13:03:42
Ambit Temp [°C] | Humidity [rel%]	28.9 | 46
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

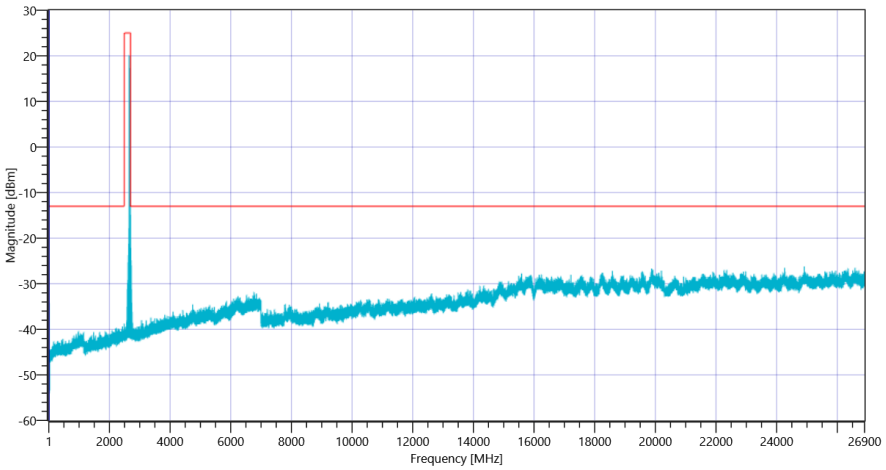
Test at BW [MHz]: 40

Test freq: high , UL[MHz]/CH 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 64QAM

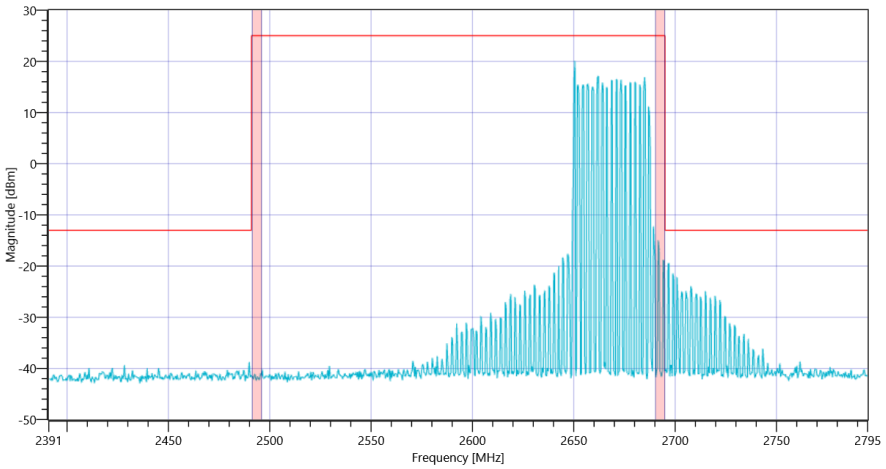
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	23.02	dBm	INFO
Ref. Frequency	---	---	2651.120	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	12.02 | 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 2670/0 , CBW [MHz]: 40 , RB_100PCT , Mod: 64QAM					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2670 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-2 SCS-30 2670

General verdict	PASS

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

Test References	
TC Start	21.05.2022 21:54:04
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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	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

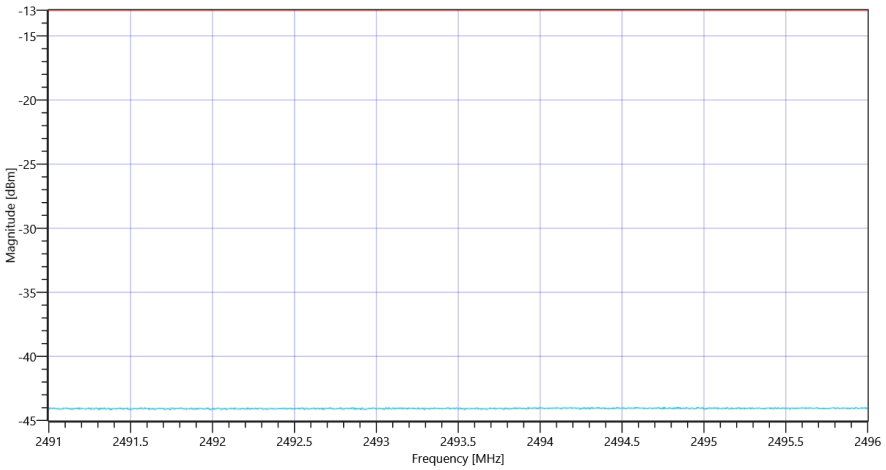
Test at BW [MHz]: 50

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.98	dBm	INFO
Ref. Frequency	---	---	2569.320	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.98 | 0 | 40
Start [MHz] | Stop [MHz]	2491.000 | 2496.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

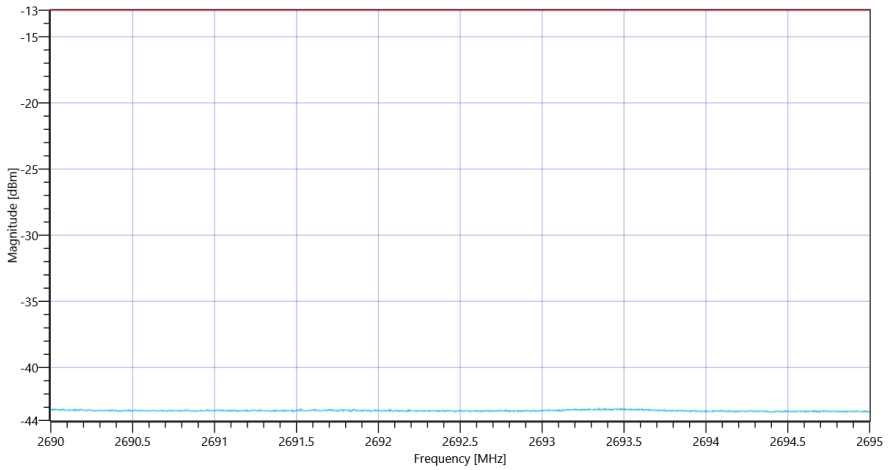
RESULT lower band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2496.5	---	-13	-41.32	dBm	PASS
Frequency [MHz] 2497.5	---	-13	-41.31	dBm	PASS
Frequency [MHz] 2498.5	---	-13	-41.33	dBm	PASS
Frequency [MHz] 2499.5	---	-13	-41.34	dBm	PASS
Frequency [MHz] 2500.5	---	-13	-41.34	dBm	PASS



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

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.98 | 0 | 40
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-40.51	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-40.51	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-40.54	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-40.48	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-40.58	dBm	PASS



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

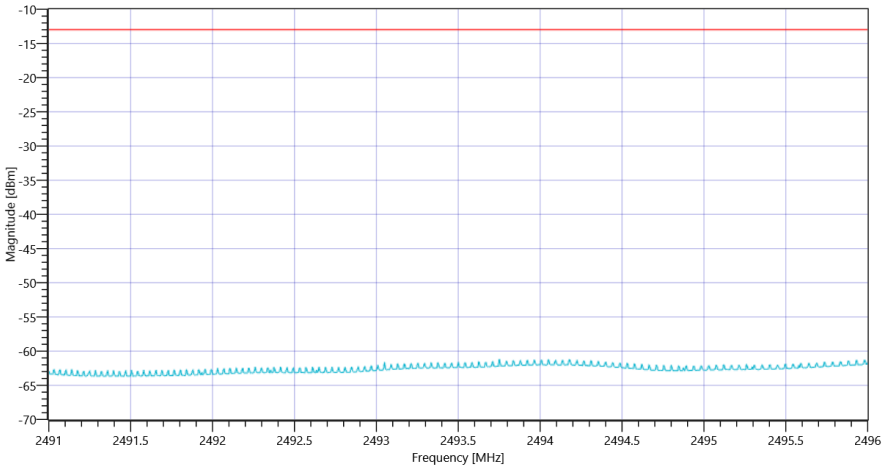
Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	-33.15	dBm	INFO
Ref. Frequency	---	---	2569.020	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	-33.15 | 0 | 0
Start [MHz] | Stop [MHz]	2491.000 | 2496.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT lower band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2496.5	---	-13	-59.57	dBm	PASS
Frequency [MHz] 2497.5	---	-13	-59.52	dBm	PASS

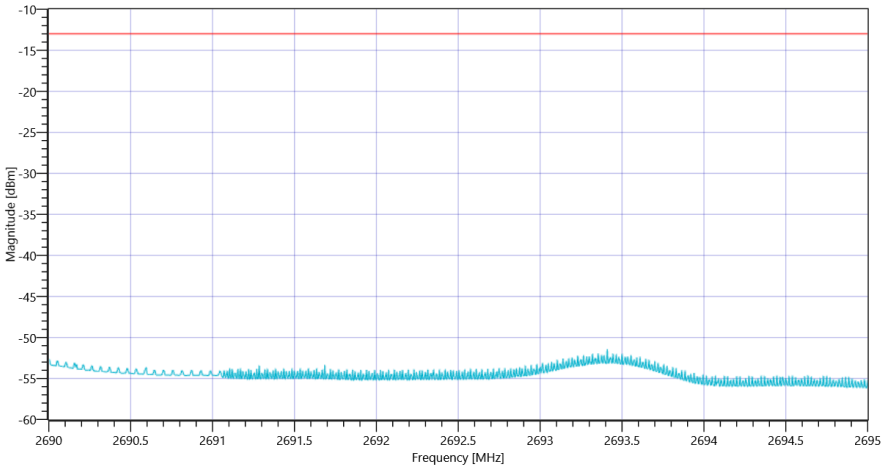
RESULT lower band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 2498.5	---	-13	-59.47	dBm	PASS
Frequency [MHz] 2499.5	---	-13	-60.23	dBm	PASS
Frequency [MHz] 2500.5	---	-13	-60.64	dBm	PASS



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

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	-33.15 | 0 | 0
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-51.36	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-51.92	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-51.9	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-50.82	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-52.84	dBm	PASS



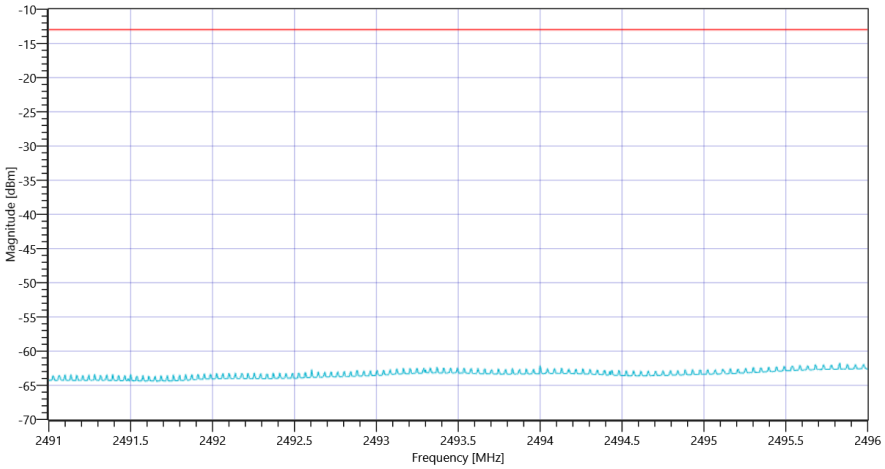
FCC, ISED # Block edge conducted ~ NR Band_41 Ant-2 SCS-30

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	-37.42	dBm	INFO
Ref. Frequency	---	---	2615.480	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	-37.42 | 0 | 0
Start [MHz] | Stop [MHz]	2491.000 | 2496.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

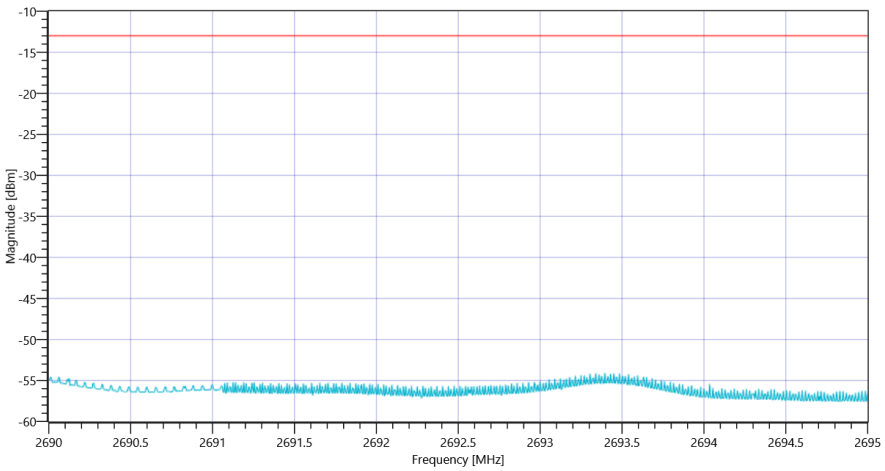
RESULT lower band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2496.5	---	-13	-60.03	dBm	PASS
Frequency [MHz] 2497.5	---	-13	-60.55	dBm	PASS
Frequency [MHz] 2498.5	---	-13	-60.4	dBm	PASS
Frequency [MHz] 2499.5	---	-13	-60.96	dBm	PASS
Frequency [MHz] 2500.5	---	-13	-61.36	dBm	PASS



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

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	-37.42 | 0 | 0
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-53.18	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-53.39	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-53.62	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-52.8	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-54.26	dBm	PASS



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

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	21.05.2022 22:03:54
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

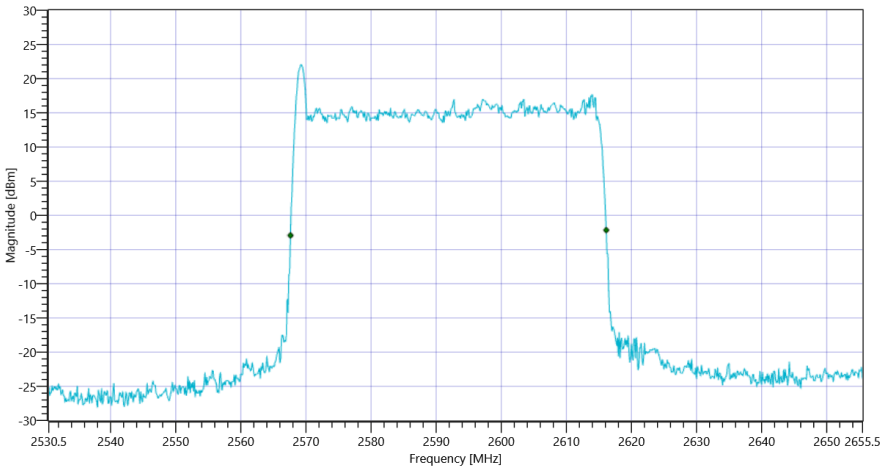
Test at BW [MHz]: 50

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.04	dBm	INFO
Ref. Frequency	---	---	2569.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.04 | 0 | 40
Start [MHz] | Stop [MHz]	2530.500 | 2655.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

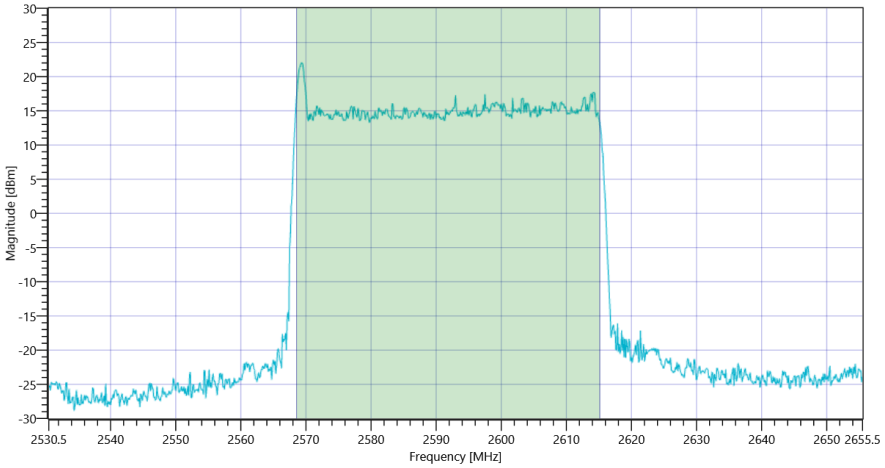
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	48.5	MHz	INFO



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%	---	---	46.578	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.04 | 0 | 40
Start [MHz] | Stop [MHz]	2530.500 | 2655.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	1 | 1500 | 1001 | SWE



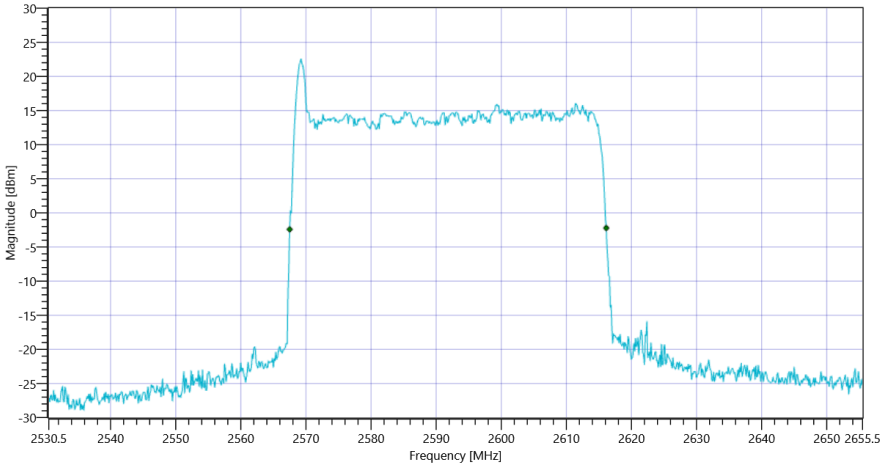
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30 26dB

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Ref. Power 1MHz/1MHz cond.	---	---	21.98	dBm	INFO
Ref. Frequency	---	---	2569.320	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.98 | 0 | 40
Start [MHz] | Stop [MHz]	2530.500 | 2655.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

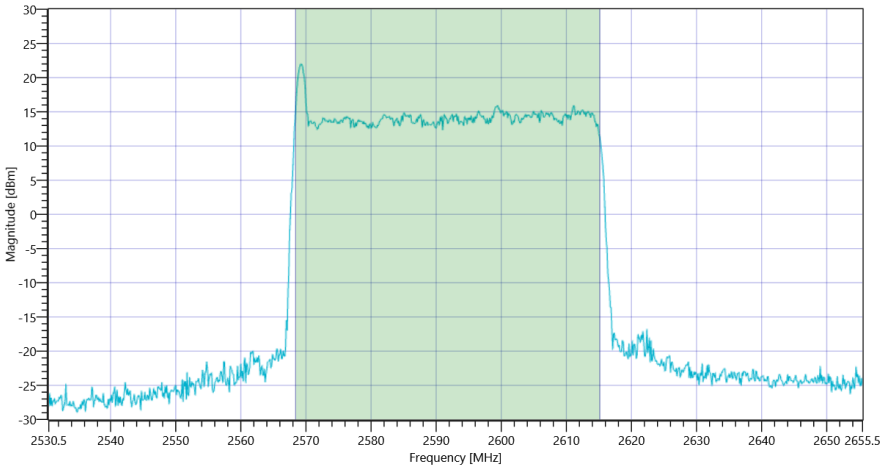
RESULT 26 dB					
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Bandwidth 26dB	---	---	48.625	MHz	INFO



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%	---	---	46.703	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.98 | 0 | 40
Start [MHz] | Stop [MHz]	2530.500 | 2655.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE



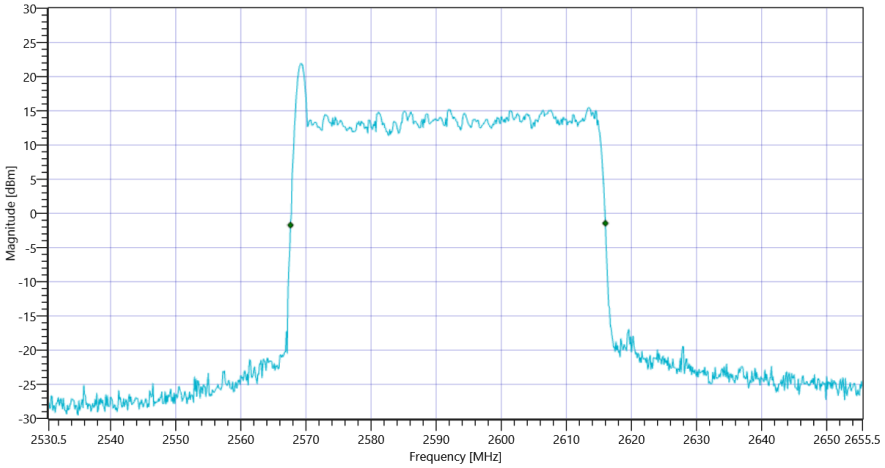
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30 26dB

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.93	dBm	INFO
Ref. Frequency	---	---	2569.320	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.93 | 0 | 40
Start [MHz] | Stop [MHz]	2530.500 | 2655.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

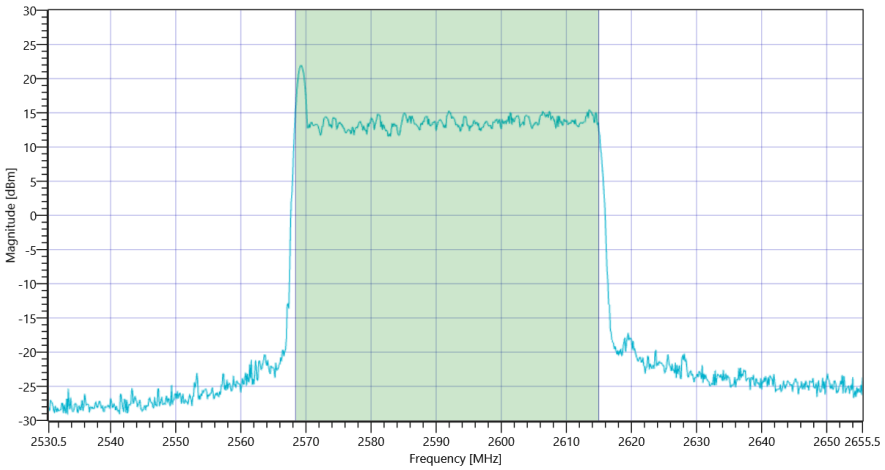
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	48.375	MHz	INFO



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%	---	---	46.578	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.93 | 0 | 40
Start [MHz] | Stop [MHz]	2530.500 | 2655.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 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	21.05.2022 22:15:26
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

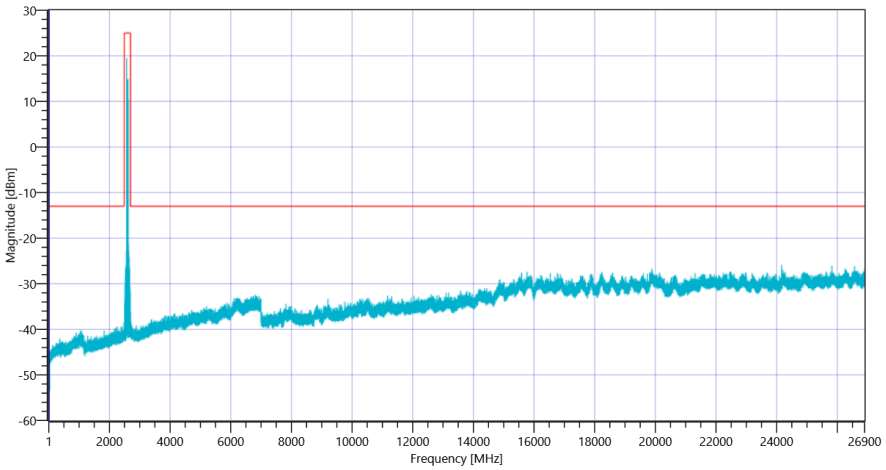
Test at BW [MHz]: 50

Test freq: mid , UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

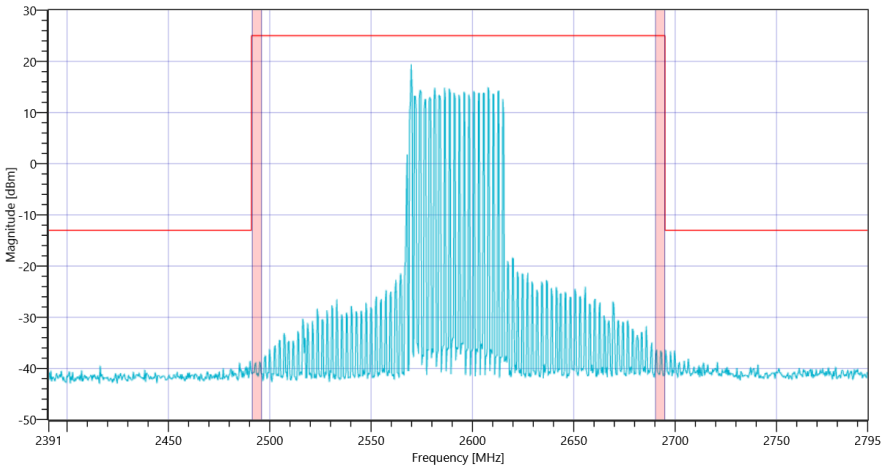
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.15	dBm	INFO
Ref. Frequency	---	---	2569.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	11.15 | 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]: 50 , RB_100PCT , Mod: 64QAM					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_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	21.05.2022 22:22:08
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

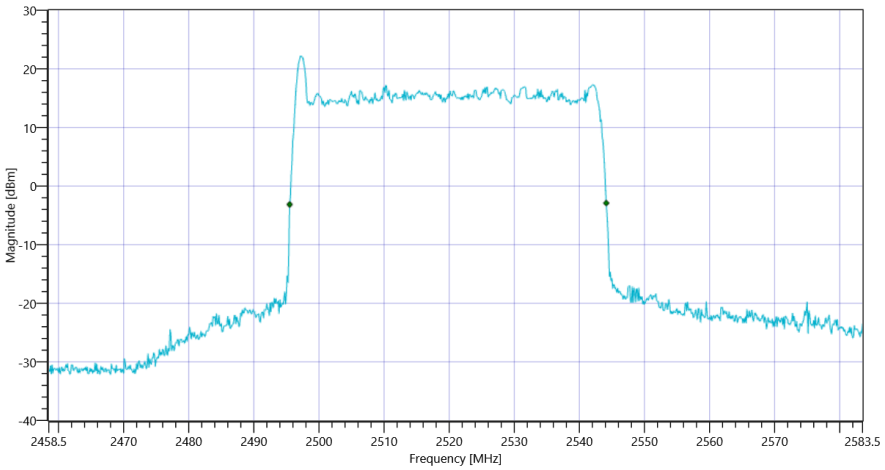
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.15	dBm	INFO
Ref. Frequency	---	---	2497.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.15 | 0 | 40
Start [MHz] | Stop [MHz]	2458.500 | 2583.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

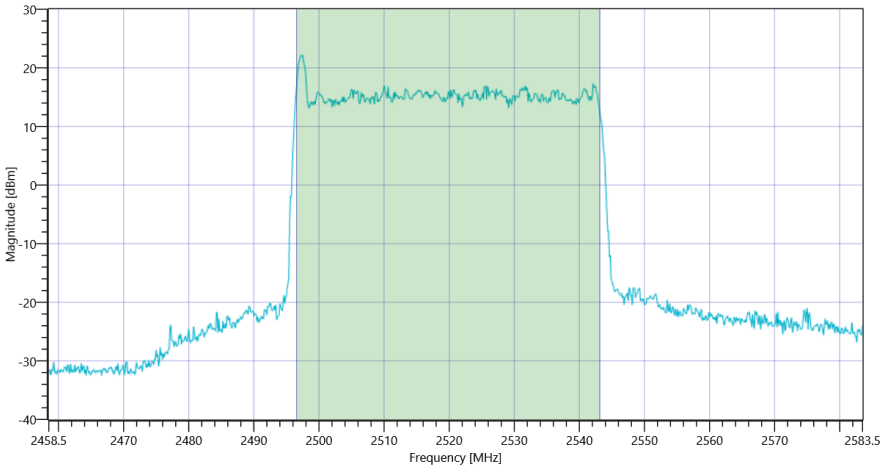
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	48.625	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-1 SCS-30 26dB

RESULT 99%					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	46.578	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.15 | 0 | 40
Start [MHz] | Stop [MHz]	2458.500 | 2583.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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-1 SCS-30 26dB

General verdict	PASS

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

Test References	
TC Start	21.05.2022 22:35:59
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

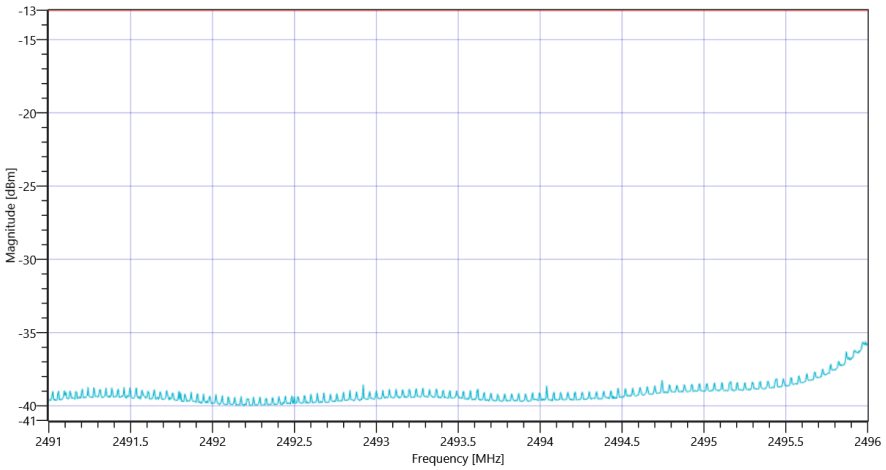
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	20.98	dBm	INFO
Ref. Frequency	---	---	2497.320	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	20.98 | 0 | 40
Start [MHz] | Stop [MHz]	2491.000 | 2496.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT lower band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2496.5	---	-13	-35.28	dBm	PASS
Frequency [MHz] 2497.5	---	-13	-36.48	dBm	PASS
Frequency [MHz] 2498.5	---	-13	-36.66	dBm	PASS
Frequency [MHz] 2499.5	---	-13	-36.93	dBm	PASS
Frequency [MHz] 2500.5	---	-13	-36.64	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_41 Ant-1 SCS-30

General verdict	PASS

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

Test References	
TC Start	21.05.2022 22:37:08
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

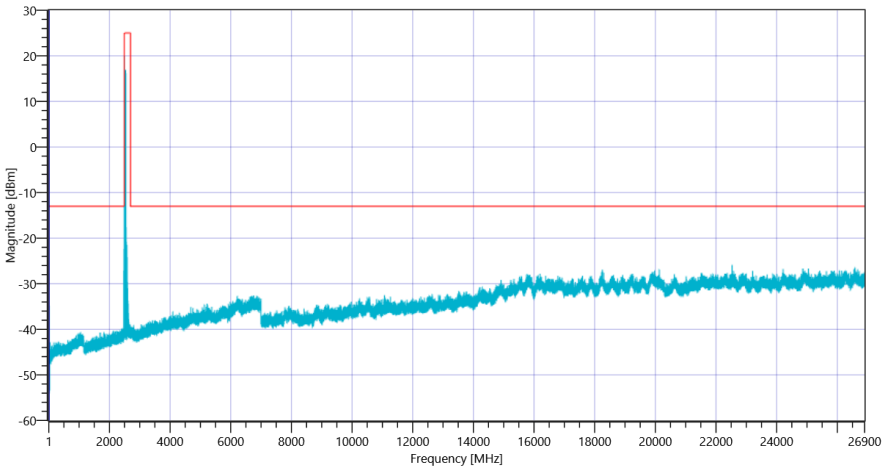
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK

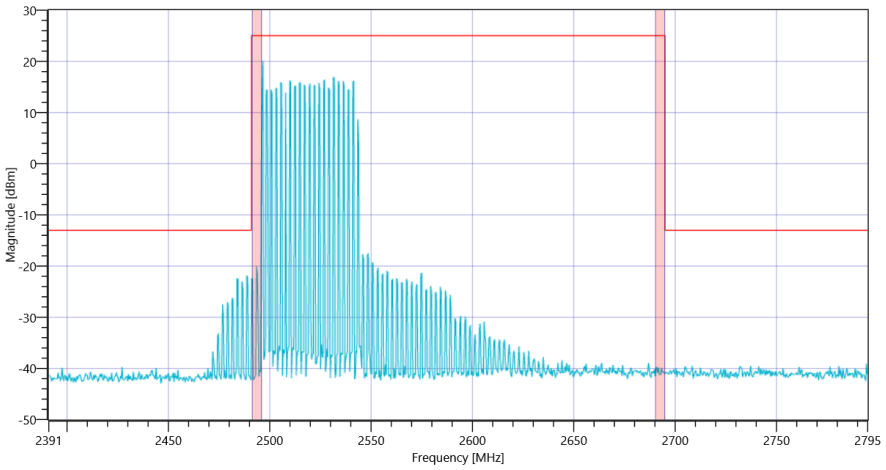
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.01	dBm	INFO
Ref. Frequency	---	---	2497.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	11.01 | 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 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2521 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2521

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	21.05.2022 22:40:51
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

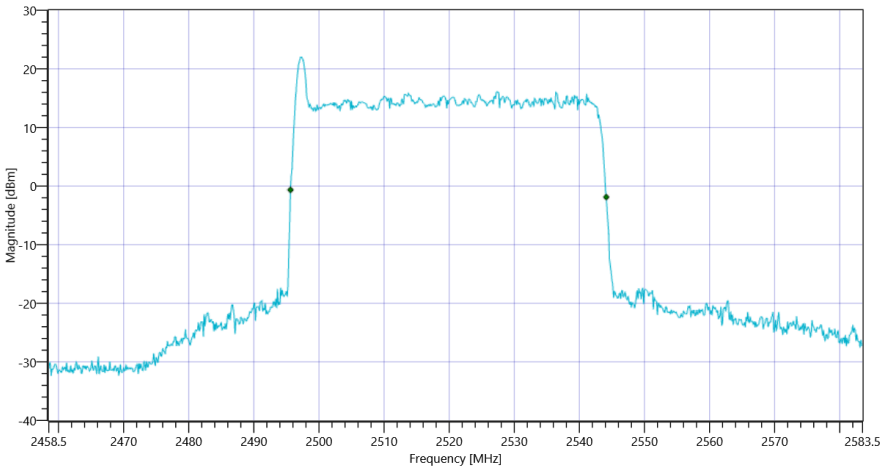
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.34	dBm	INFO
Ref. Frequency	---	---	2497.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.34 | 0 | 40
Start [MHz] | Stop [MHz]	2458.500 | 2583.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

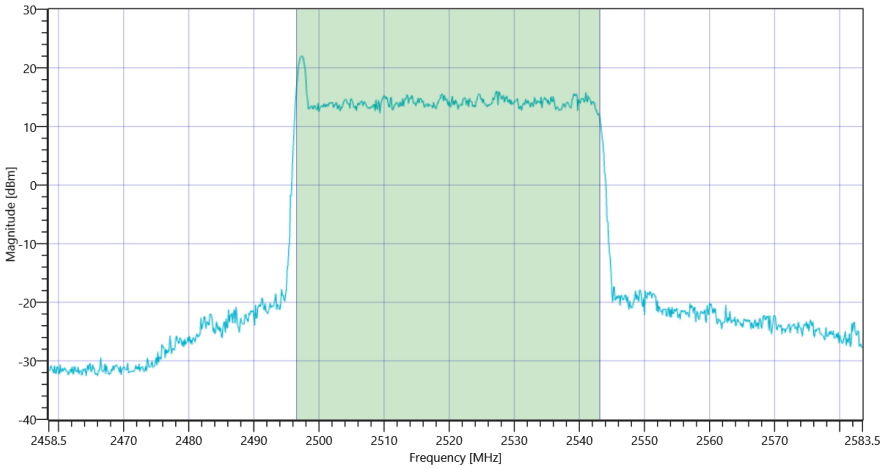
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	48.5	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-1 SCS-30 26dB

RESULT 99%					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	46.578	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.34 | 0 | 40
Start [MHz] | Stop [MHz]	2458.500 | 2583.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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-1 SCS-30 26dB

General verdict	PASS

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

Test References	
TC Start	21.05.2022 22:41:46
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

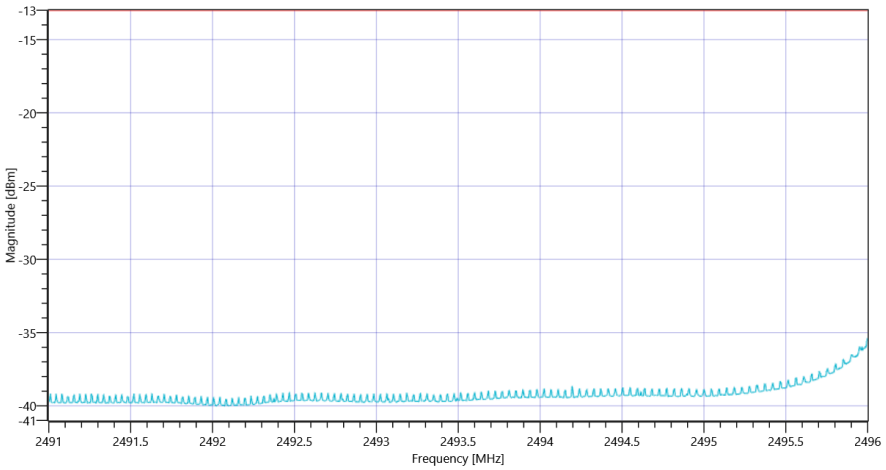
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.93	dBm	INFO
Ref. Frequency	---	---	2497.320	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.93 | 0 | 40
Start [MHz] | Stop [MHz]	2491.000 | 2496.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT lower band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2496.5	---	-13	-35.45	dBm	PASS
Frequency [MHz] 2497.5	---	-13	-36.5	dBm	PASS
Frequency [MHz] 2498.5	---	-13	-36.75	dBm	PASS
Frequency [MHz] 2499.5	---	-13	-36.91	dBm	PASS
Frequency [MHz] 2500.5	---	-13	-36.94	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_41 Ant-1 SCS-30

General verdict	PASS

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

Test References	
TC Start	21.05.2022 22:42:55
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

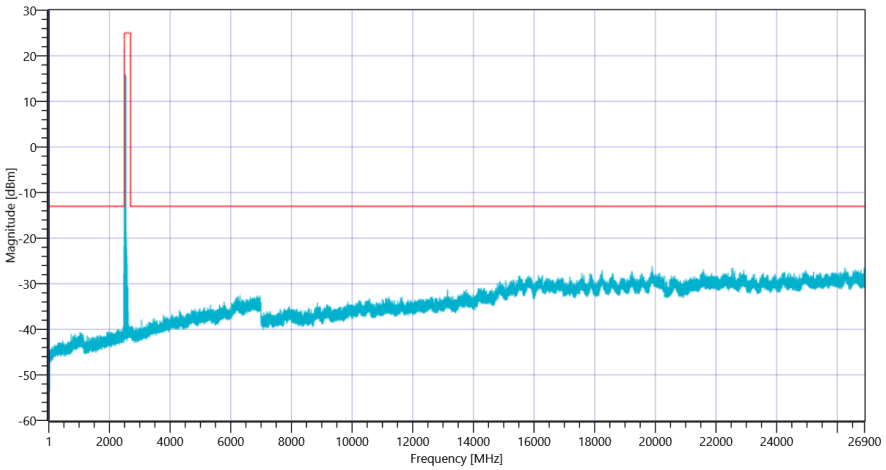
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM

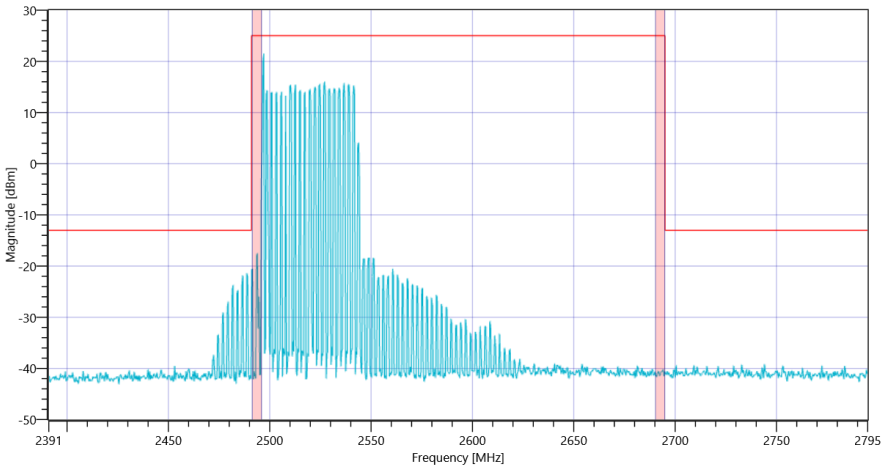
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.15	dBm	INFO
Ref. Frequency	---	---	2497.320	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	11.15 | 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 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2521 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2521

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	21.05.2022 22:48:23
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

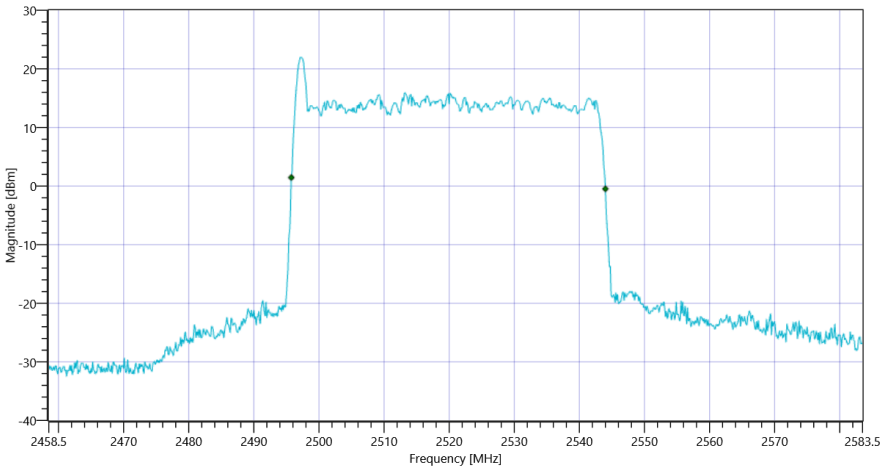
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.95	dBm	INFO
Ref. Frequency	---	---	2497.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.95 | 0 | 40
Start [MHz] | Stop [MHz]	2458.500 | 2583.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

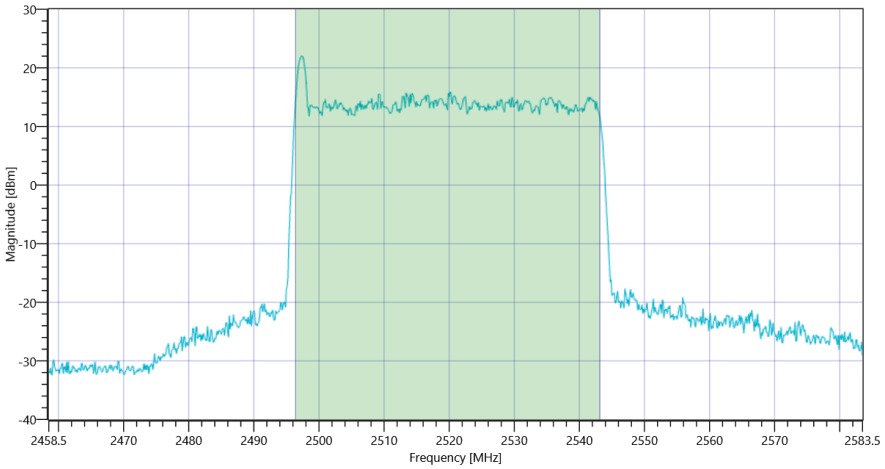
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	48.25	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-1 SCS-30 26dB

RESULT 99%					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	46.703	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.95 | 0 | 40
Start [MHz] | Stop [MHz]	2458.500 | 2583.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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-1 SCS-30 26dB

General verdict	PASS

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

Test References	
TC Start	21.05.2022 22:49:17
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

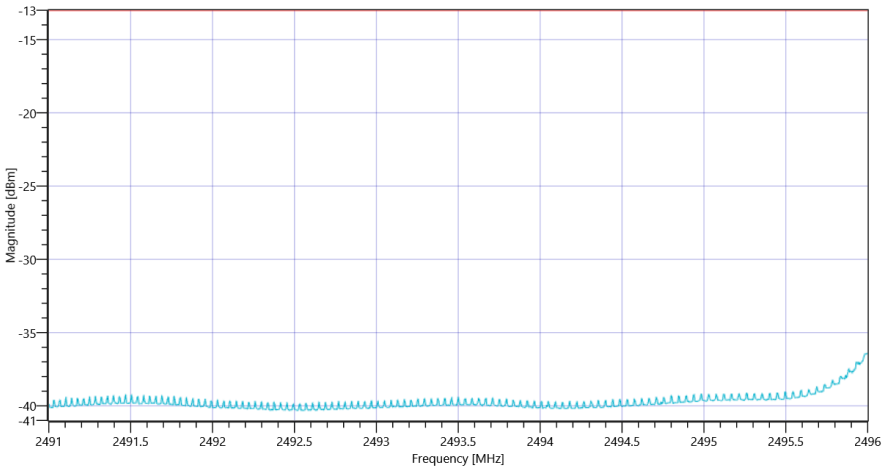
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.05	dBm	INFO
Ref. Frequency	---	---	2497.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.05 | 0 | 40
Start [MHz] | Stop [MHz]	2491.000 | 2496.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT lower band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2496.5	---	-13	-36.16	dBm	PASS
Frequency [MHz] 2497.5	---	-13	-37.14	dBm	PASS
Frequency [MHz] 2498.5	---	-13	-37.17	dBm	PASS
Frequency [MHz] 2499.5	---	-13	-37.37	dBm	PASS
Frequency [MHz] 2500.5	---	-13	-37.07	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_41 Ant-1 SCS-30

General verdict	PASS

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

Test References	
TC Start	21.05.2022 22:50:32
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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

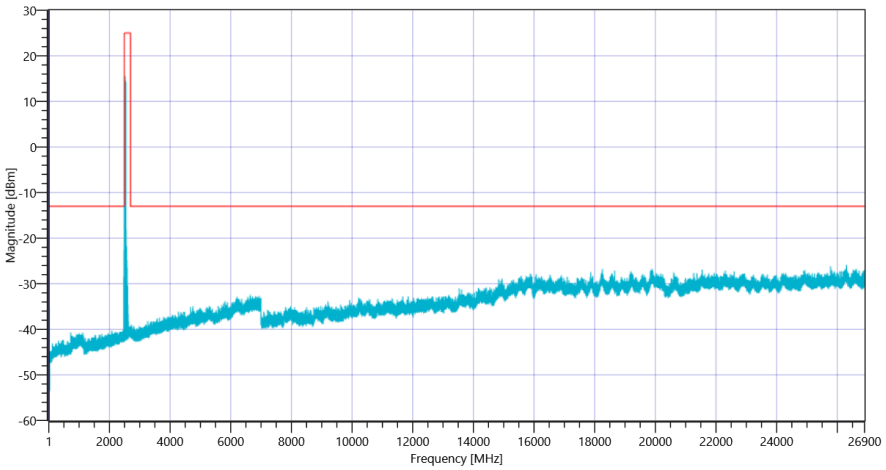
Test at BW [MHz]: 50

Test freq: low , UL[MHz]/CH 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

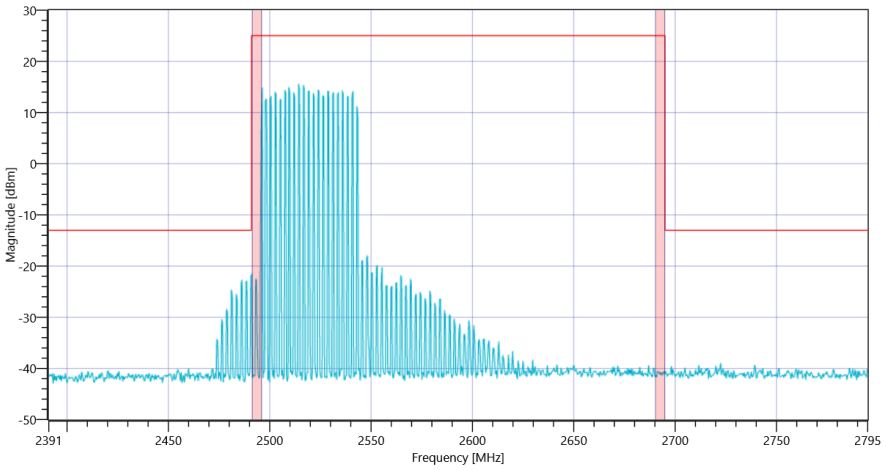
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.91	dBm	INFO
Ref. Frequency	---	---	2497.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	10.91 | 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 2521/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2521 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2521

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	21.05.2022 22:55:21
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

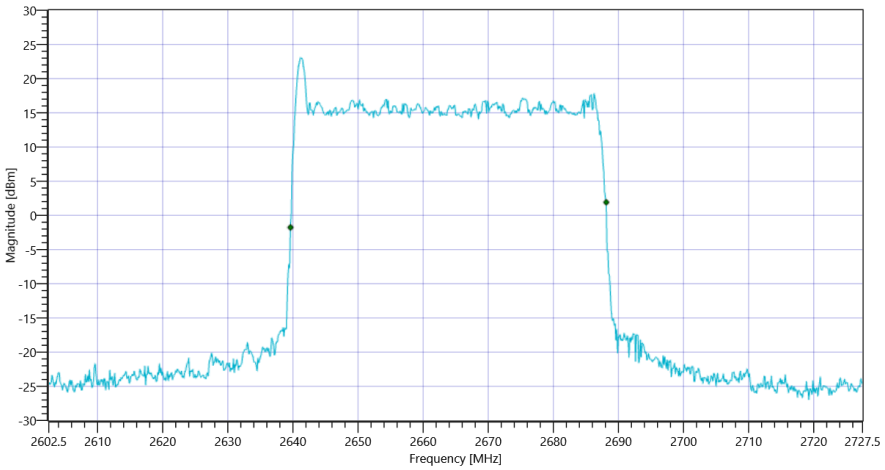
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.62	dBm	INFO
Ref. Frequency	---	---	2641.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.62 | 0 | 40
Start [MHz] | Stop [MHz]	2602.500 | 2727.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

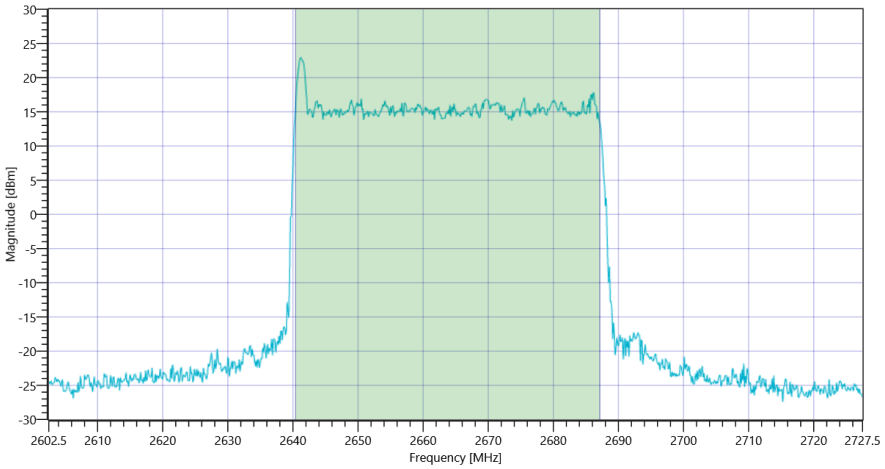
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	48.5	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-1 SCS-30 26dB

RESULT 99%					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	46.703	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.62 | 0 | 40
Start [MHz] | Stop [MHz]	2602.500 | 2727.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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-1 SCS-30 26dB

General verdict	PASS

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

Test References	
TC Start	21.05.2022 22:57:41
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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

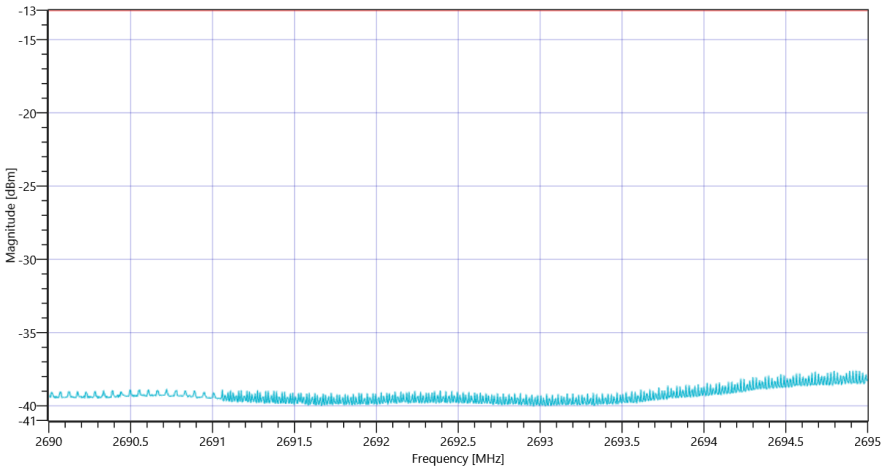
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.89	dBm	INFO
Ref. Frequency	---	---	2641.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.89 | 0 | 40
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-36.55	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-36.83	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-36.86	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-36.76	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-35.78	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_41 Ant-1 SCS-30

General verdict	PASS

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

Test References	
TC Start	21.05.2022 22:59:20
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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

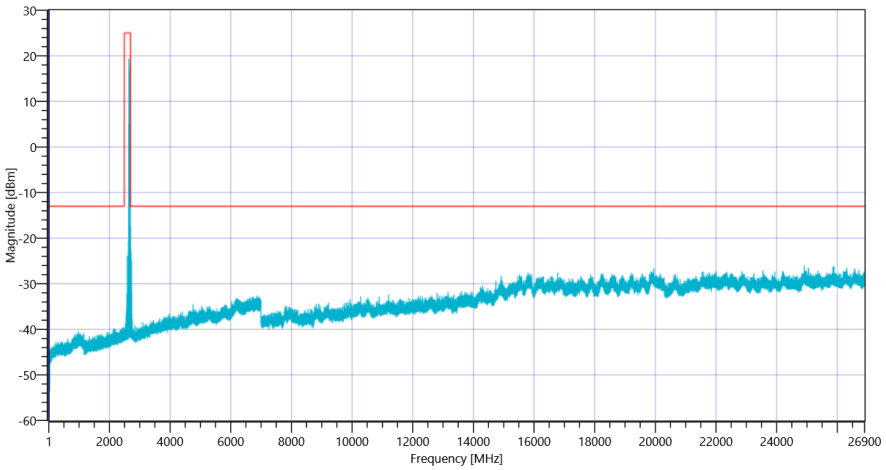
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK

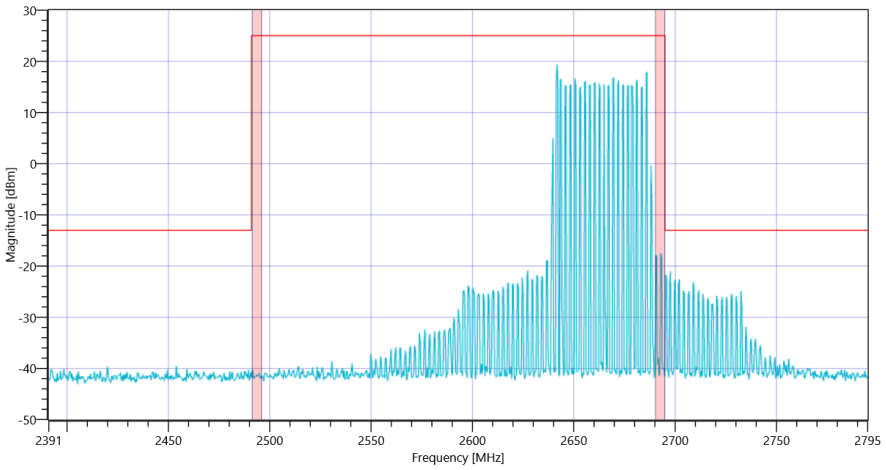
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.99	dBm	INFO
Ref. Frequency	---	---	2641.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	11.99 | 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 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: QPSK					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2665 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2665

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	21.05.2022 23:03:07
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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

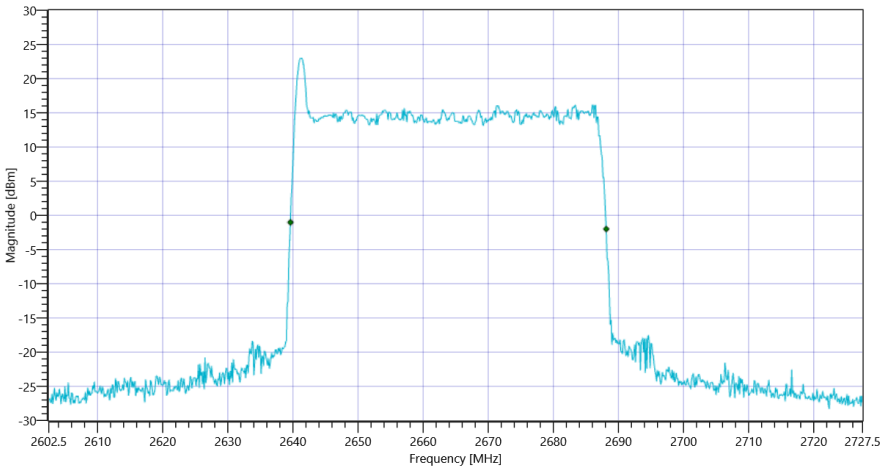
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.29	dBm	INFO
Ref. Frequency	---	---	2641.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.29 | 0 | 40
Start [MHz] | Stop [MHz]	2602.500 | 2727.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

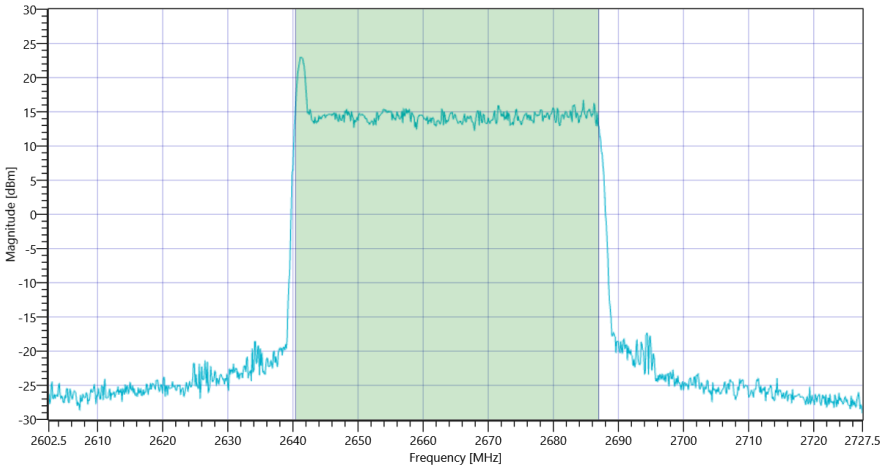
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	48.5	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-1 SCS-30 26dB

RESULT 99%					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	46.578	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.29 | 0 | 40
Start [MHz] | Stop [MHz]	2602.500 | 2727.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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-1 SCS-30 26dB

General verdict	PASS

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

Test References	
TC Start	21.05.2022 23:04:08
Ambit Temp [°C] | Humidity [rel%]	31.2 | 30
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

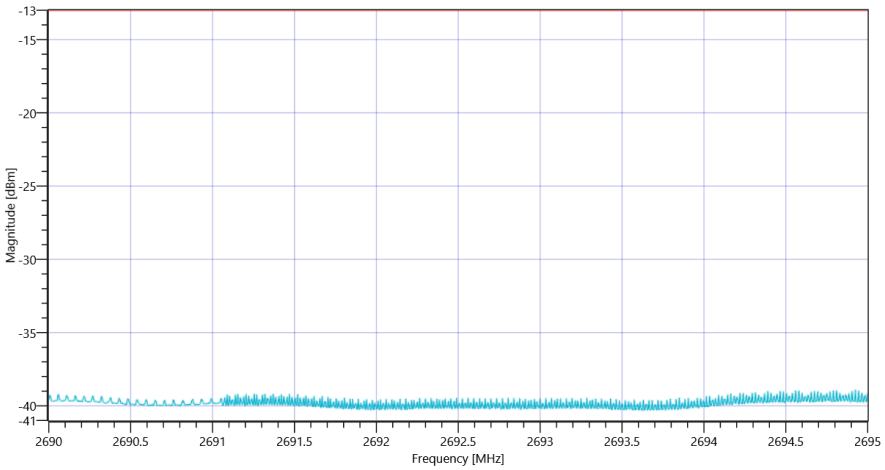
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.93	dBm	INFO
Ref. Frequency	---	---	2641.320	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.93 | 0 | 40
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-37.01	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-37.08	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-37.24	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-37.27	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-36.84	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_41 Ant-1 SCS-30

General verdict	PASS

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

Test References	
TC Start	21.05.2022 23:05:44
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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

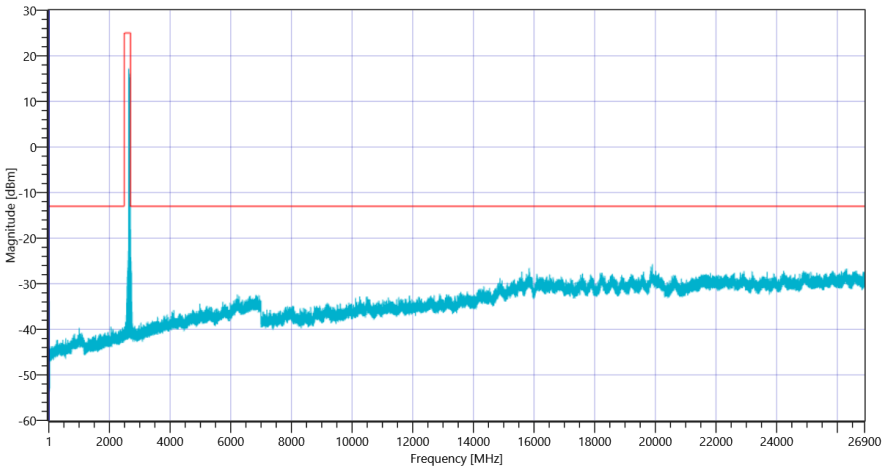
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM

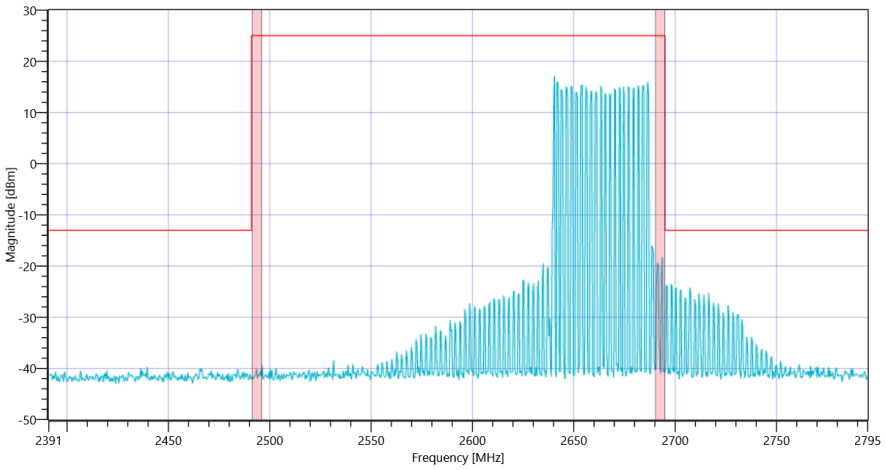
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.64	dBm	INFO
Ref. Frequency	---	---	2641.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	11.64 | 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 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 16QAM					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2665 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2665

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	21.05.2022 23:09:42
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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

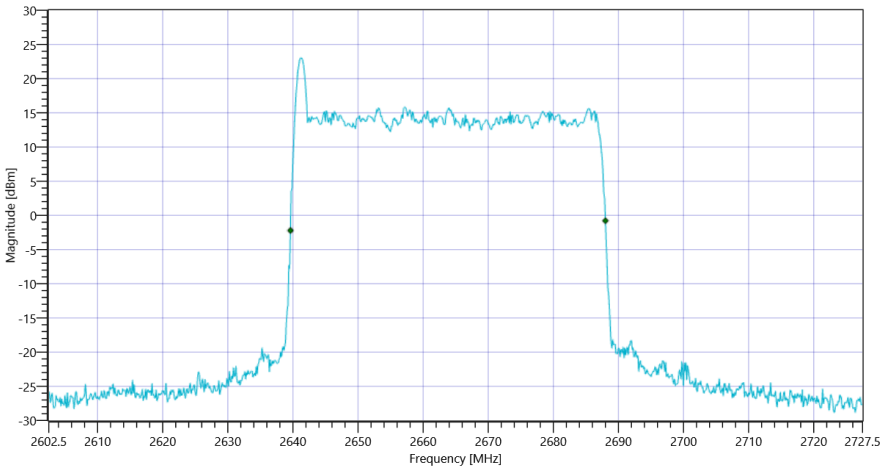
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	21.95	dBm	INFO
Ref. Frequency	---	---	2641.320	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.95 | 0 | 40
Start [MHz] | Stop [MHz]	2602.500 | 2727.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	2 | 1500 | 1001 | SWE

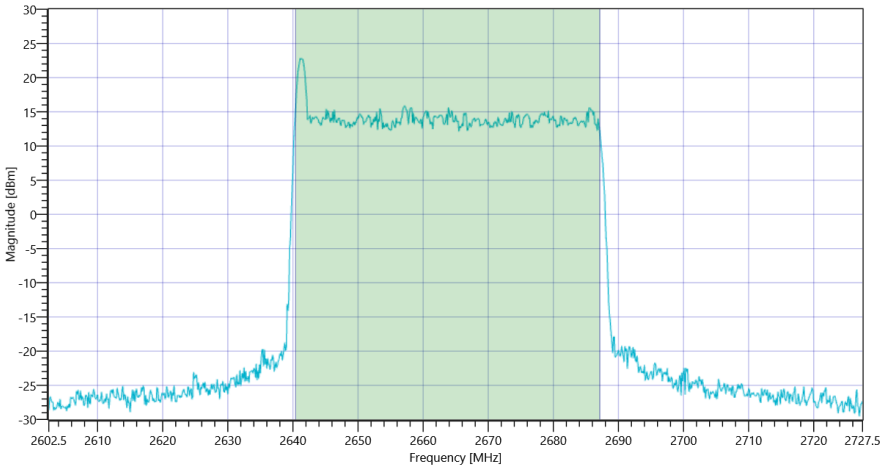
RESULT 26 dB					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	48.375	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-1 SCS-30 26dB

RESULT 99%					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	46.703	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	21.95 | 0 | 40
Start [MHz] | Stop [MHz]	2602.500 | 2727.500
RBW [MHz] | VBW [MHz]	1.000000 | 3.000000
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-1 SCS-30 26dB

General verdict	PASS

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

Test References	
TC Start	21.05.2022 23:10:52
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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

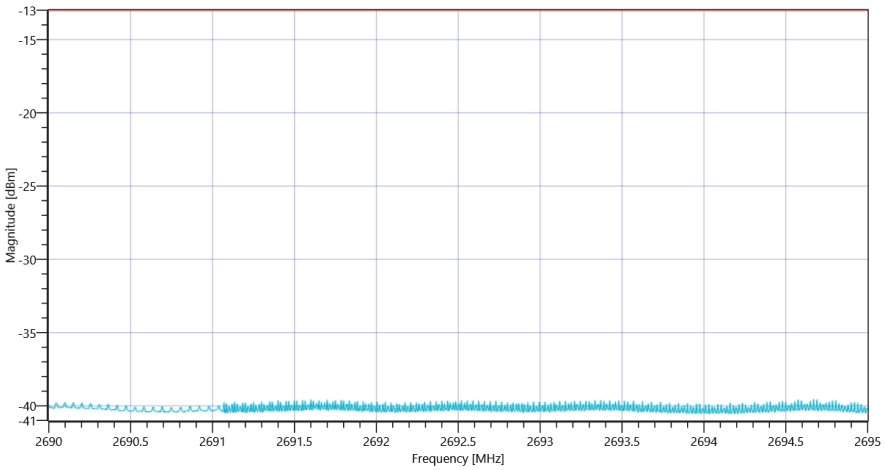
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	22.52	dBm	INFO
Ref. Frequency	---	---	2641.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	22.52 | 0 | 40
Start [MHz] | Stop [MHz]	2690.000 | 2695.000
RBW [MHz] | VBW [MHz]	0.500000 | 2.000000
Detector | TraceMode	RMS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	30000 | 1 | 1001 | SWE

RESULT upper band					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 2690.5	---	-13	-37.48	dBm	PASS
Frequency [MHz] 2691.5	---	-13	-37.41	dBm	PASS
Frequency [MHz] 2692.5	---	-13	-37.43	dBm	PASS
Frequency [MHz] 2693.5	---	-13	-37.45	dBm	PASS
Frequency [MHz] 2694.5	---	-13	-37.48	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_41 Ant-1 SCS-30

General verdict	PASS

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

Test References	
TC Start	21.05.2022 23:11:58
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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

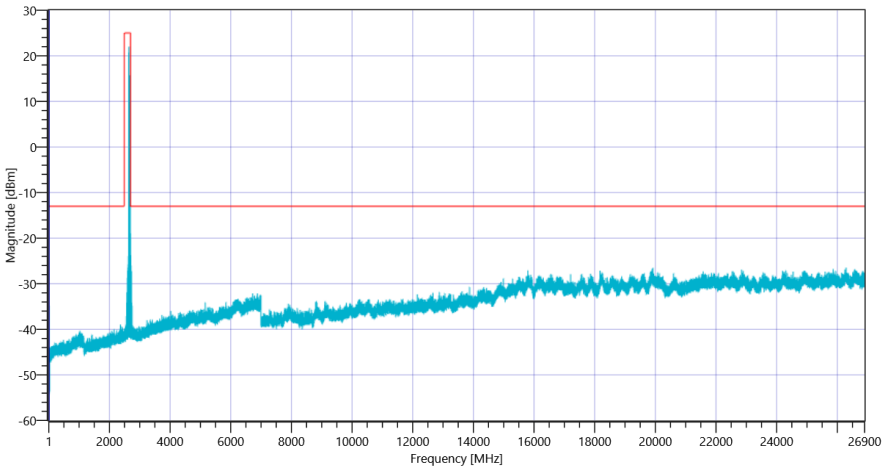
Test at BW [MHz]: 50

Test freq: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM

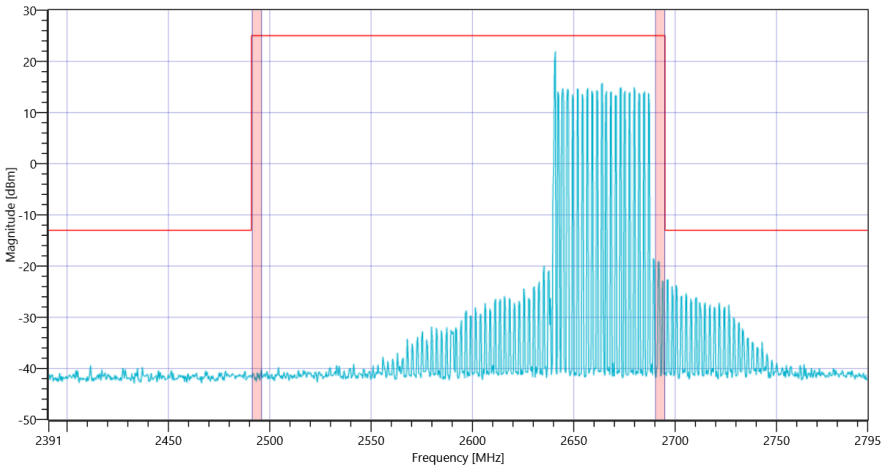
RESULT: Reference Power cond.					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	23.14	dBm	INFO
Ref. Frequency	---	---	2641.220	MHz	INFO

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	12.14 | 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: high , UL[MHz]/CH 2665/0 , CBW [MHz]: 50 , RB_100PCT , Mod: 64QAM					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peaks higher limit	---	0	0	no	PASS



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2665 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_41 Ant-1 SCS-30 2665

General verdict	PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_41 Ant-2 SCS-30

Test References	
TC Start	21.05.2022 23:18:19
Ambit Temp [°C] | Humidity [rel%]	31.1 | 30
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