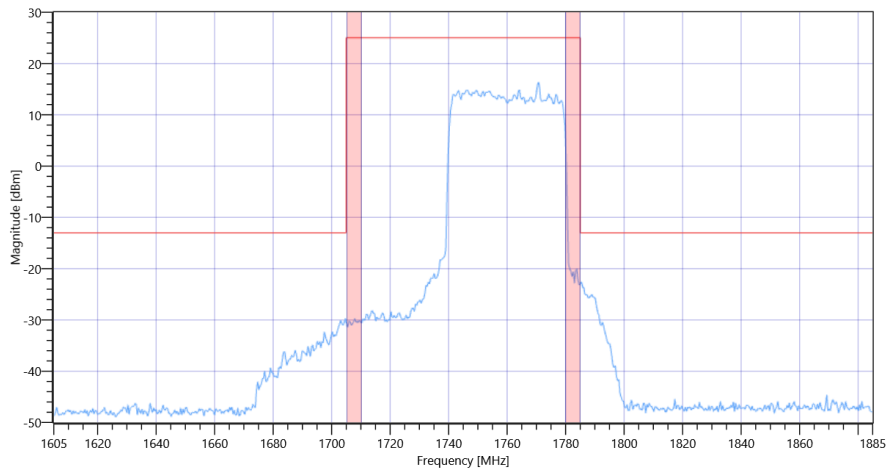


FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1760 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1760

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 11:23:48
Ambit Temp [°C] Humidity [rel%]	26.5 47
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	False
Frequency high to test	True
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 40

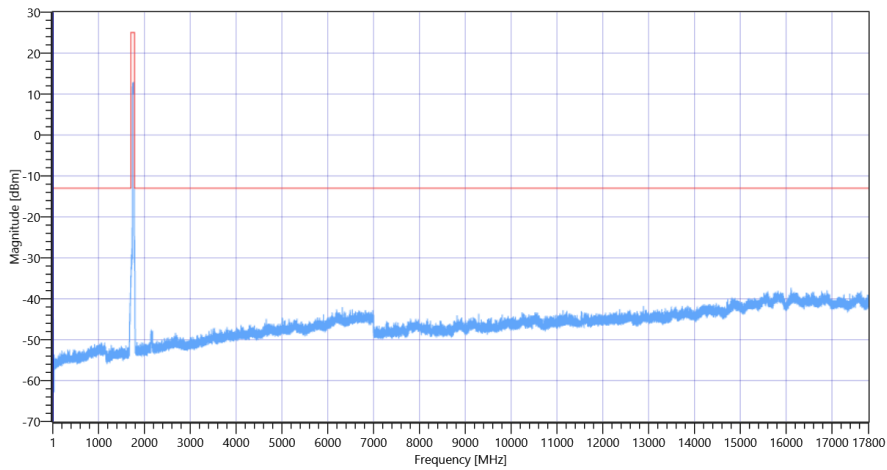
Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

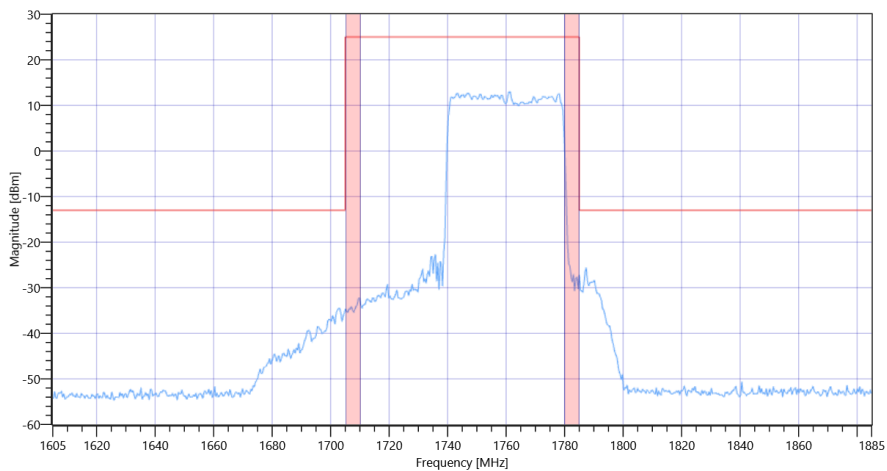
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	1.76 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1760 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1760

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 11:05:11
Ambit Temp [°C] Humidity [rel%]	26.4 48
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	True
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 40

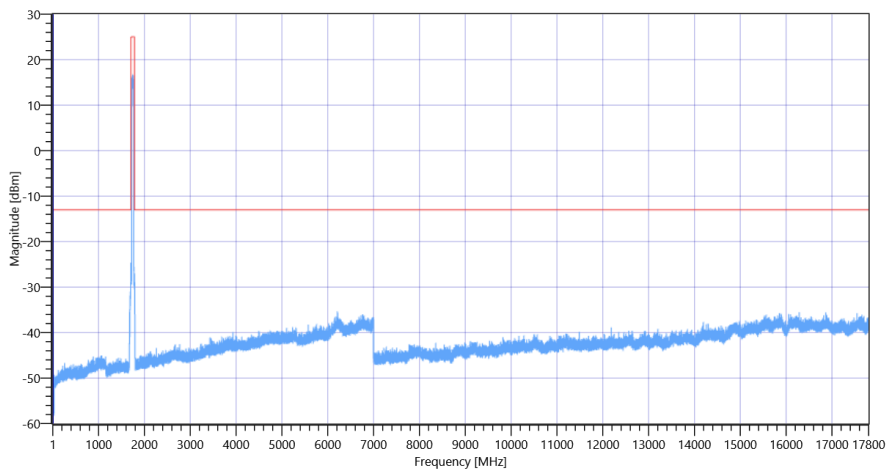
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

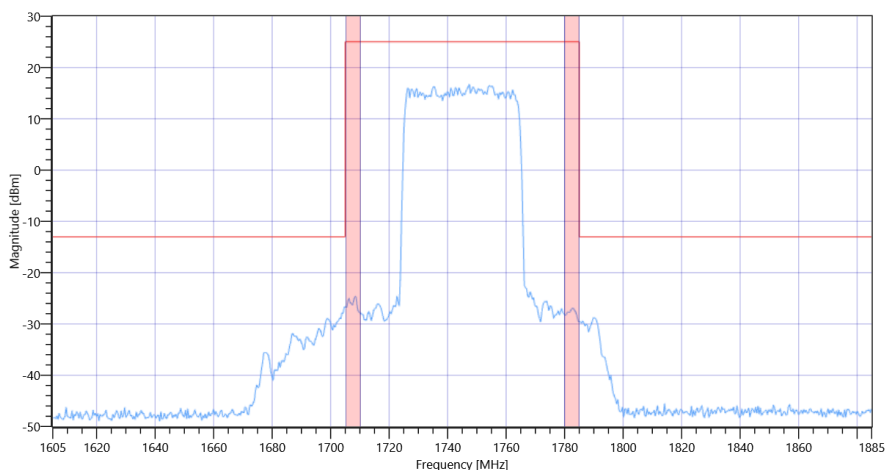
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.29 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

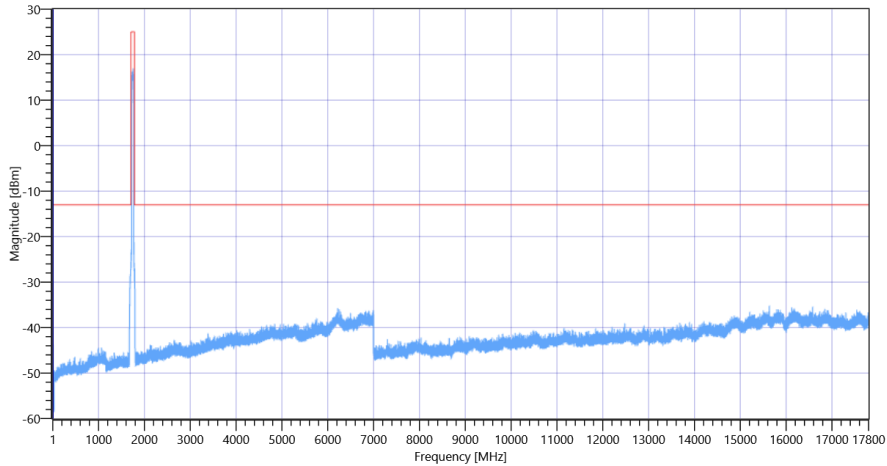
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.21 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000

READ SA SETTINGS:

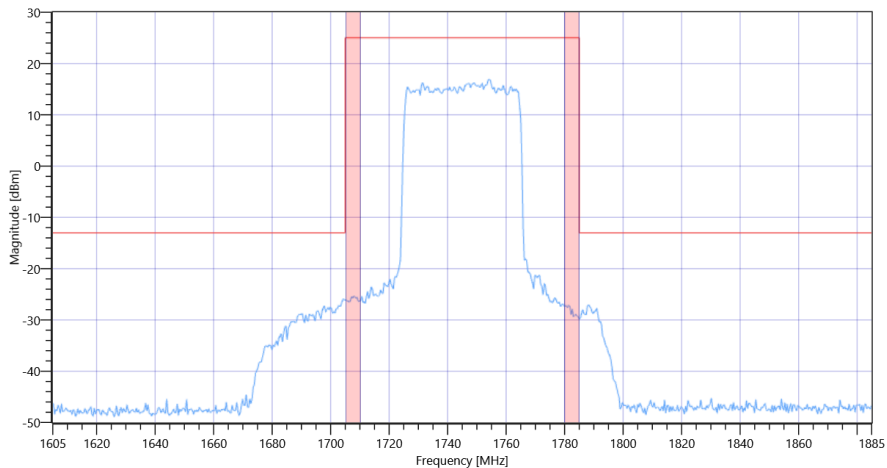
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, 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_66 Ant-1 SCS-15 1745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

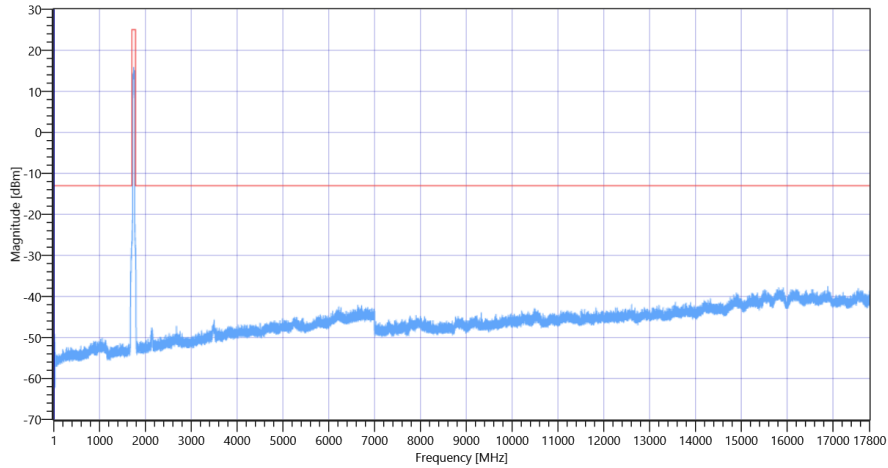
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] 4.03 | 0 | 20
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

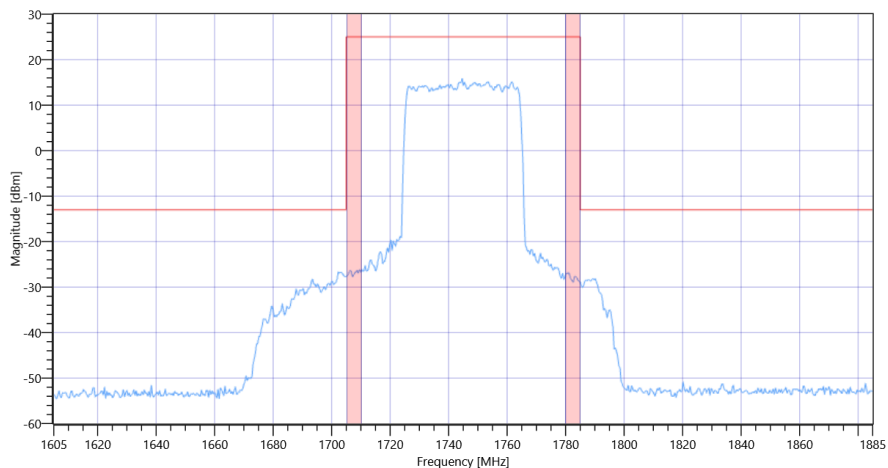
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
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RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

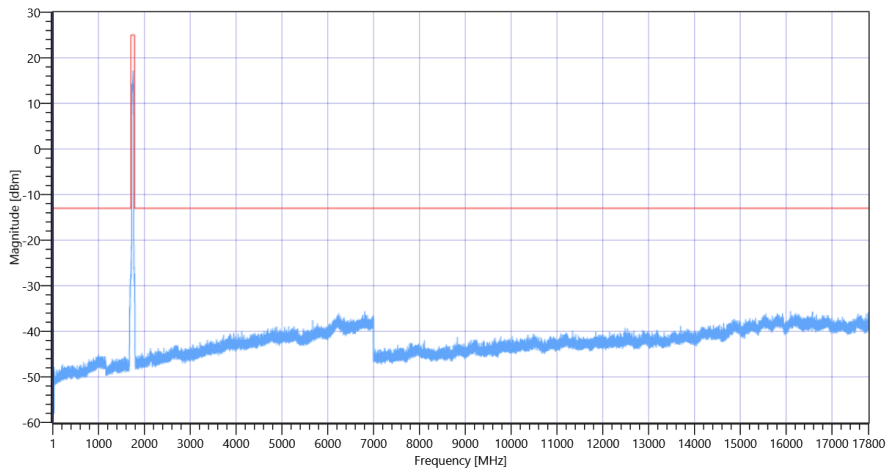
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

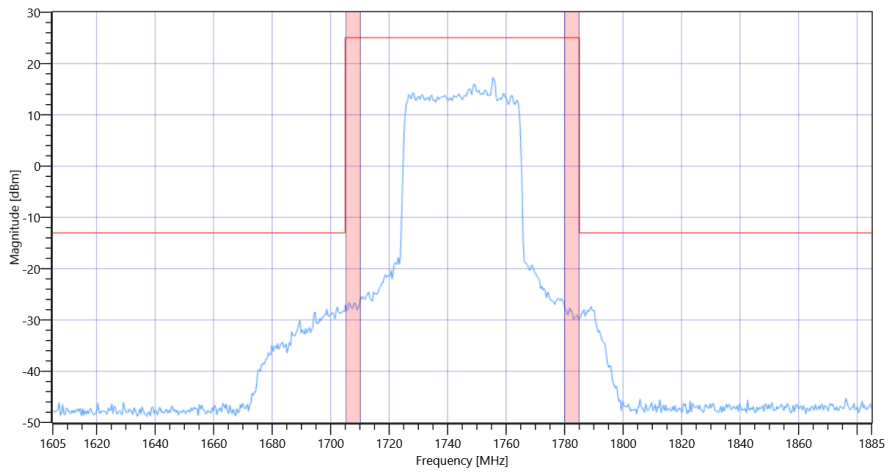
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.81 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, 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_66 Ant-1 SCS-15 1745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 10:42:18
Ambit Temp [°C] Humidity [rel%]	26.2 48
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	True
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 40

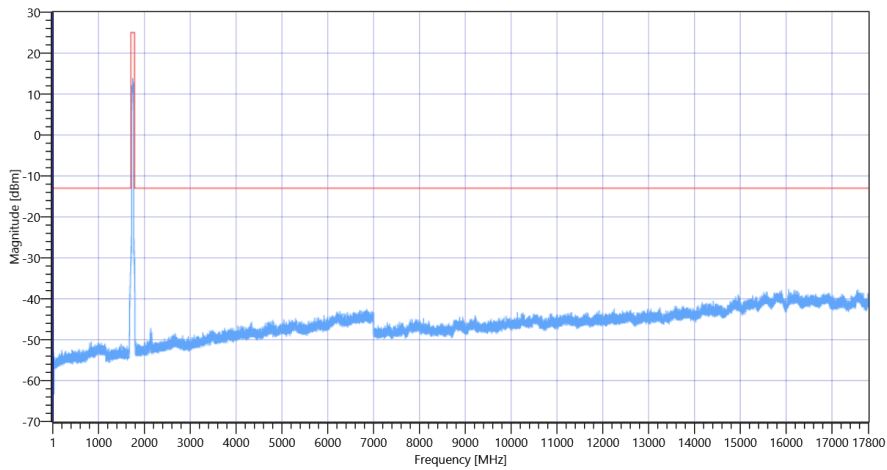
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

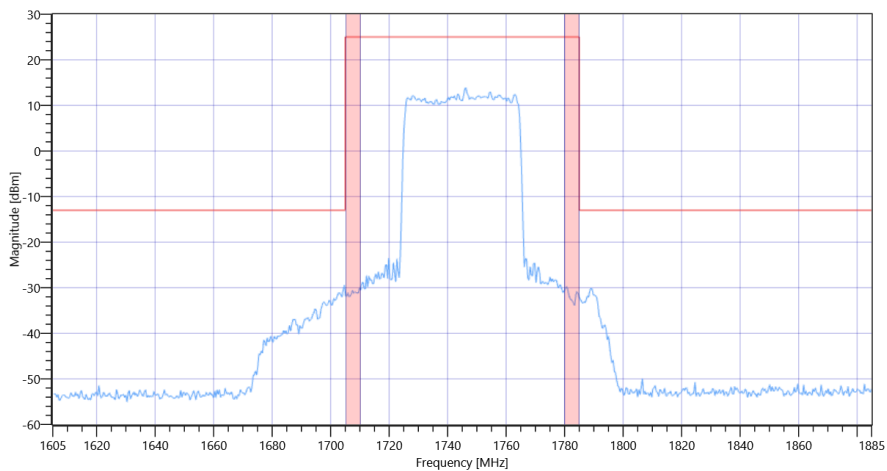
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	2.21 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 10:18:26
Ambit Temp [°C] Humidity [rel%]	25.9 49
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	False
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 40

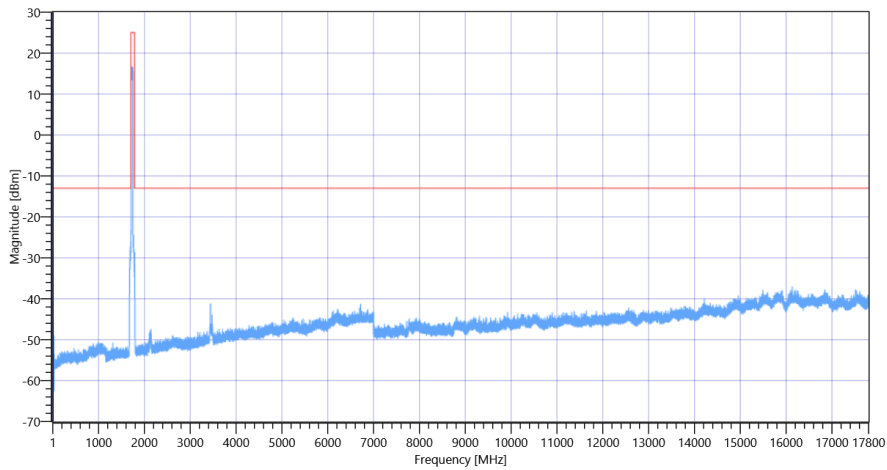
Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

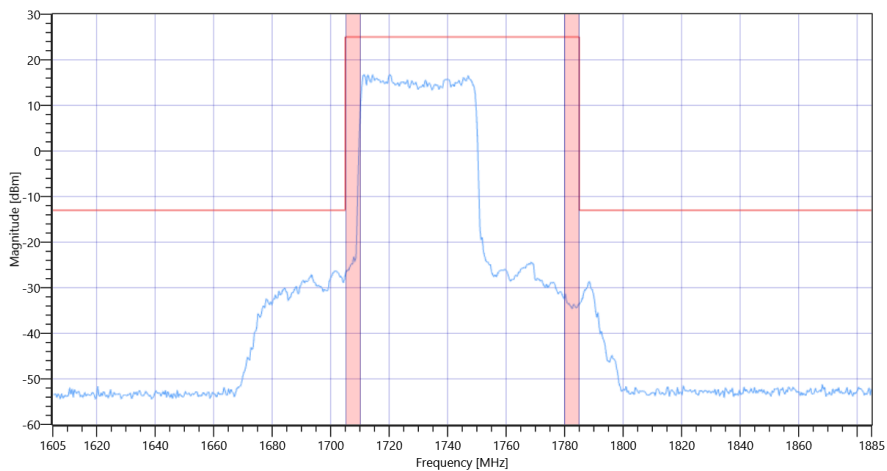
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.98 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1730 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1730

Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

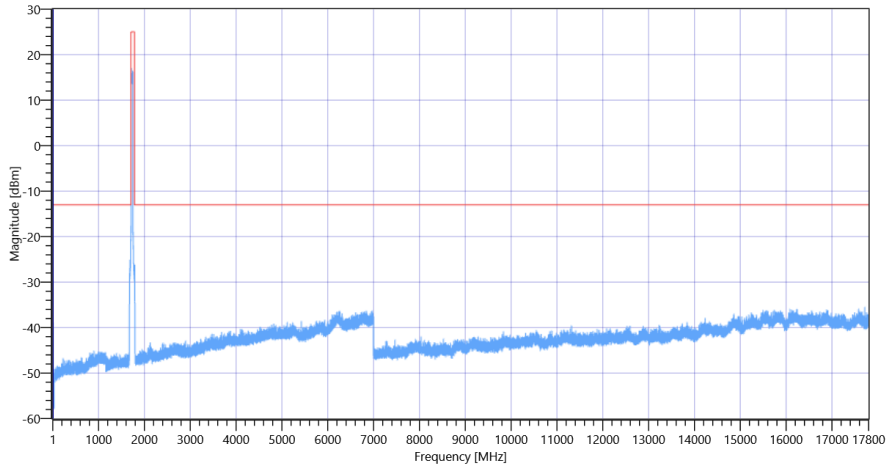
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.92 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000

READ SA SETTINGS:

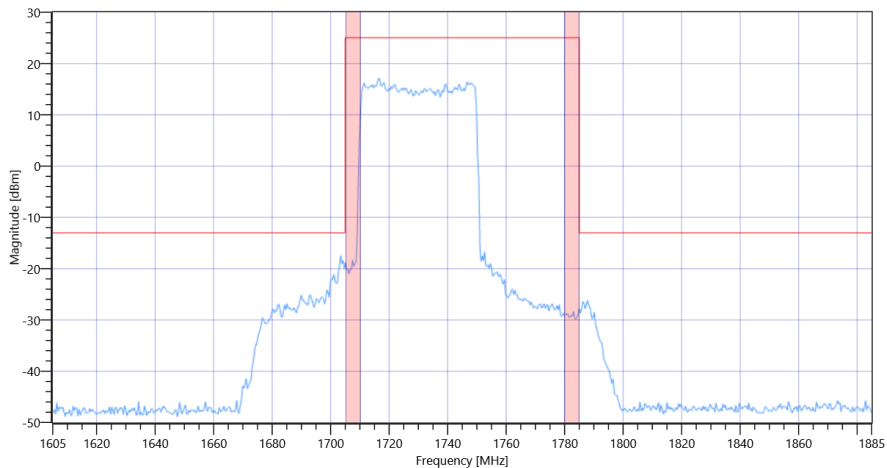
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: low, UL[MHz]/CH 1730/0, 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_66 Ant-1 SCS-15 1730 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1730

Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

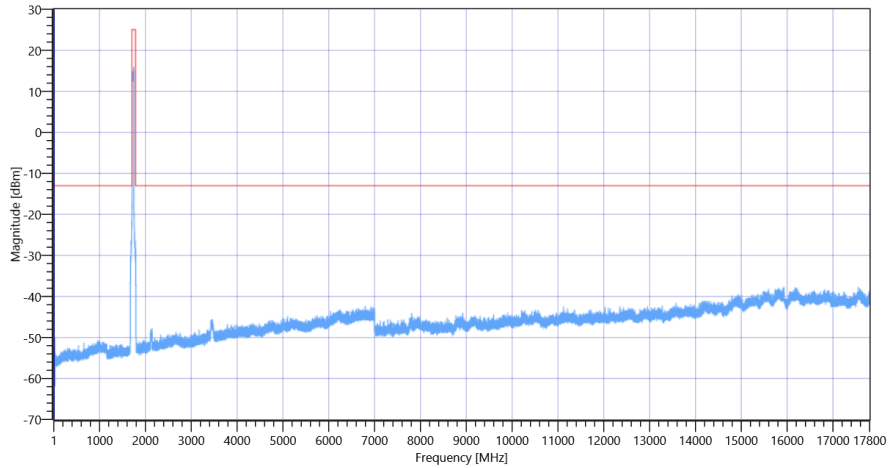
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] 4.23 | 0 | 20
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

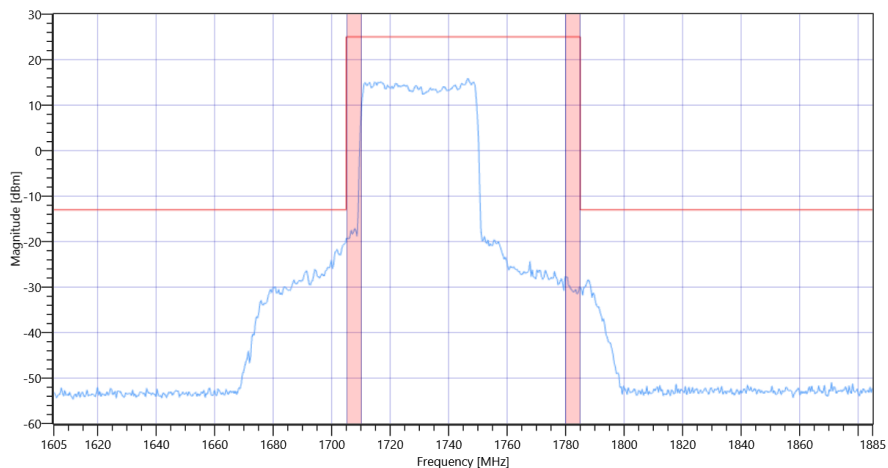
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
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RESULT Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1730 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1730

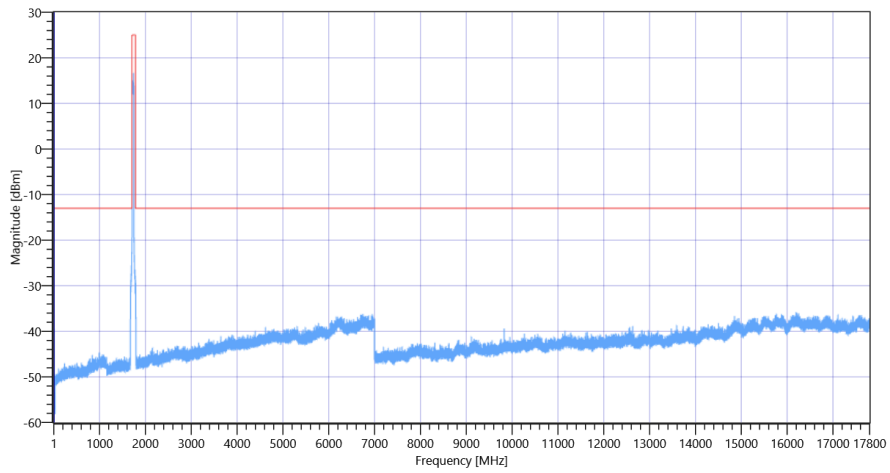
Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

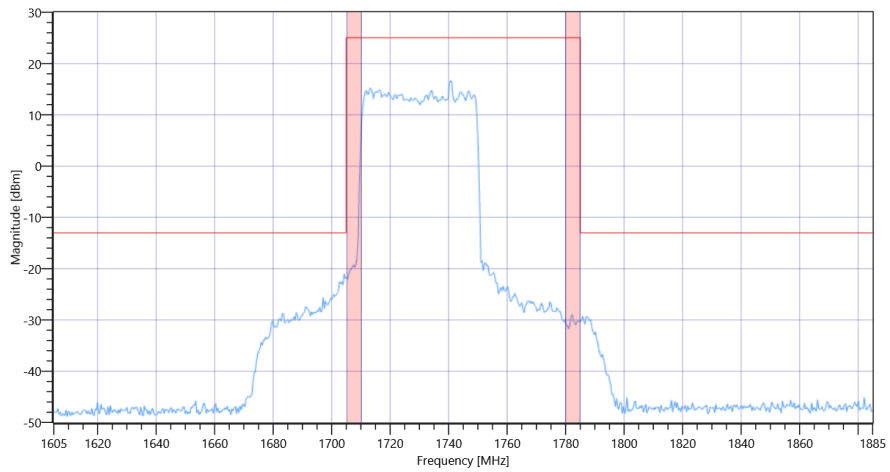
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.23 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: low, UL[MHz]/CH 1730/0, 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_66 Ant-1 SCS-15 1730 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1730

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 09:58:22
Ambit Temp [°C] Humidity [rel%]	25.6 49
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	False
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 40

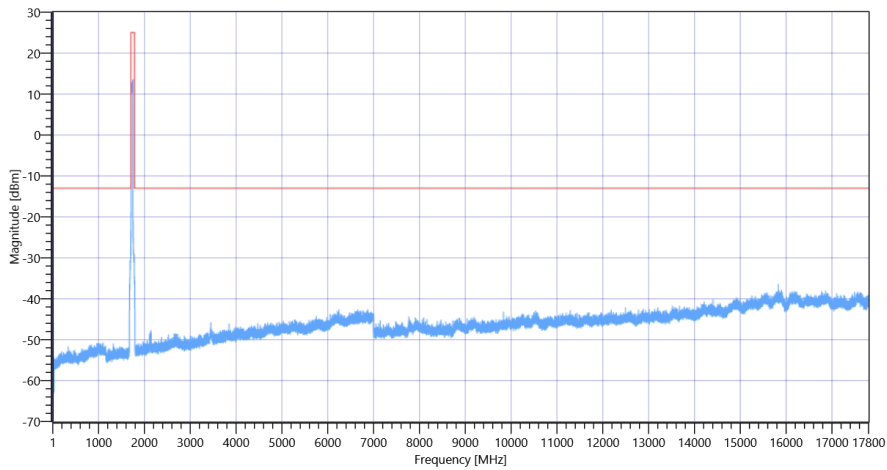
Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

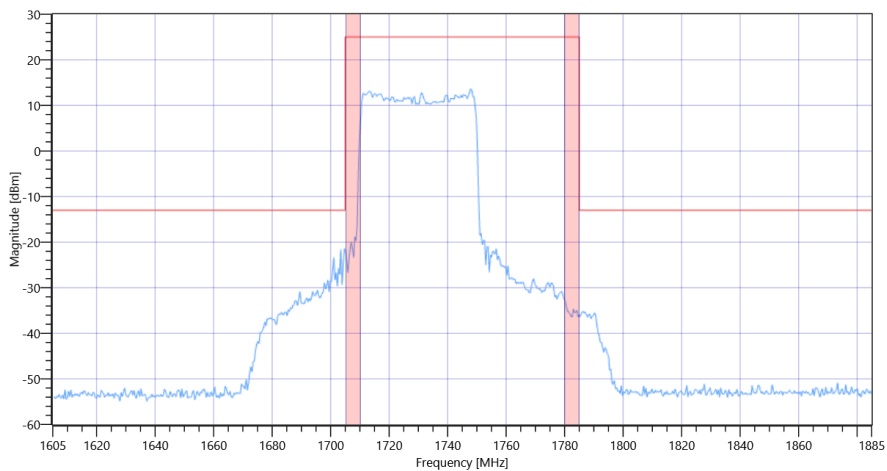
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	1.95 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1730 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1730

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 08:55:22
Ambit Temp [°C] Humidity [rel%]	25.7 49
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	False
Frequency high to test	True
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 30

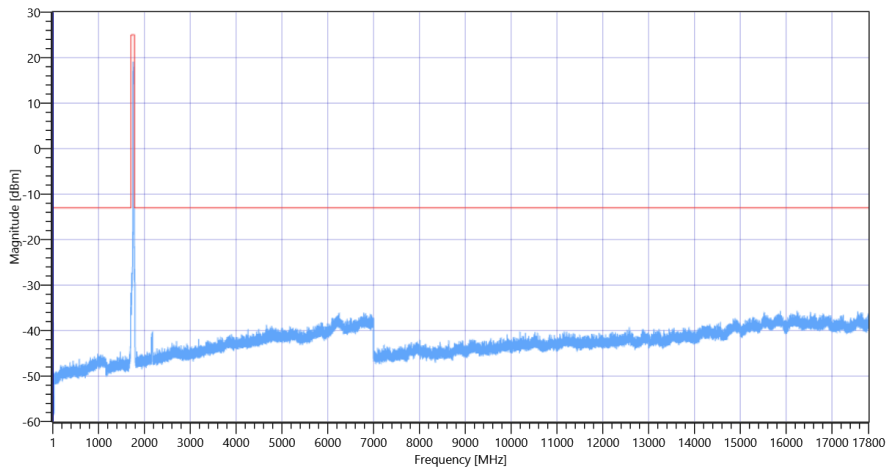
Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

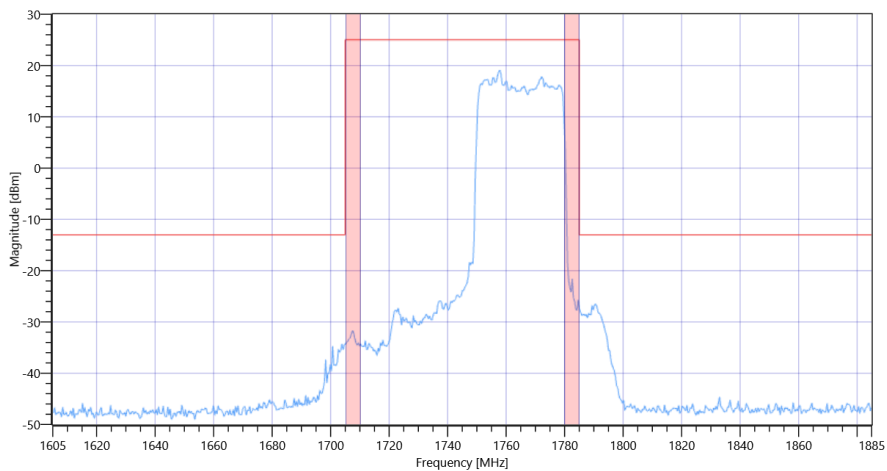
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.09 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765

Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

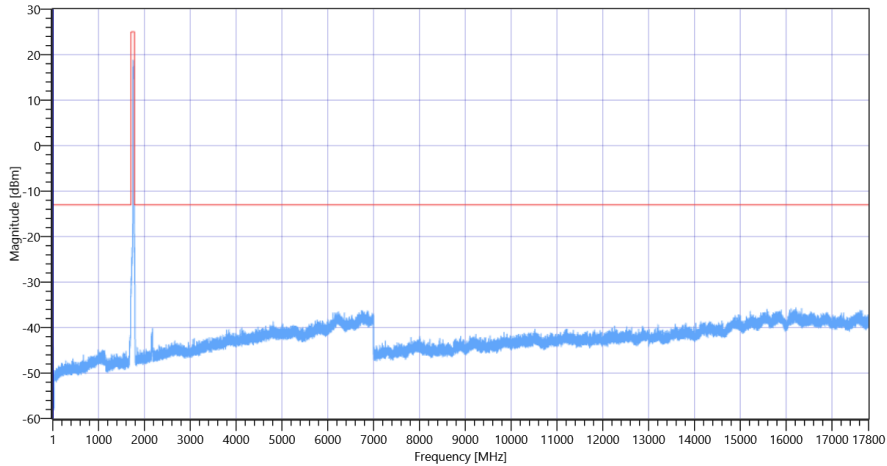
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.39 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000

READ SA SETTINGS:

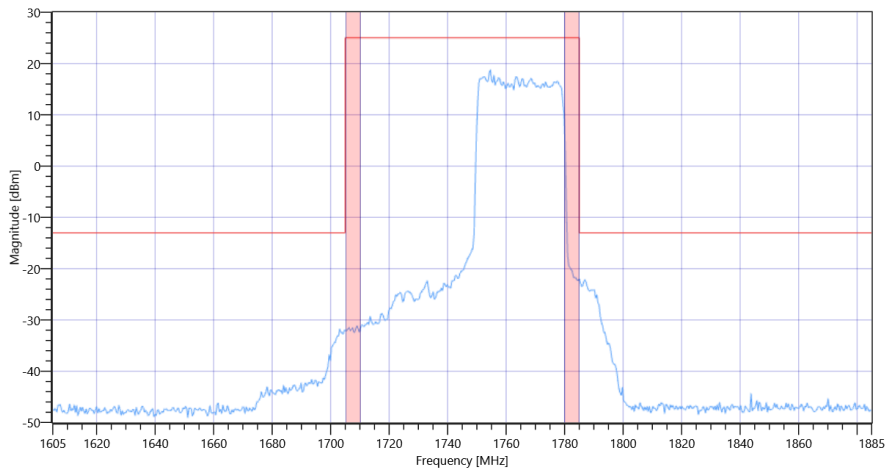
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765

Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

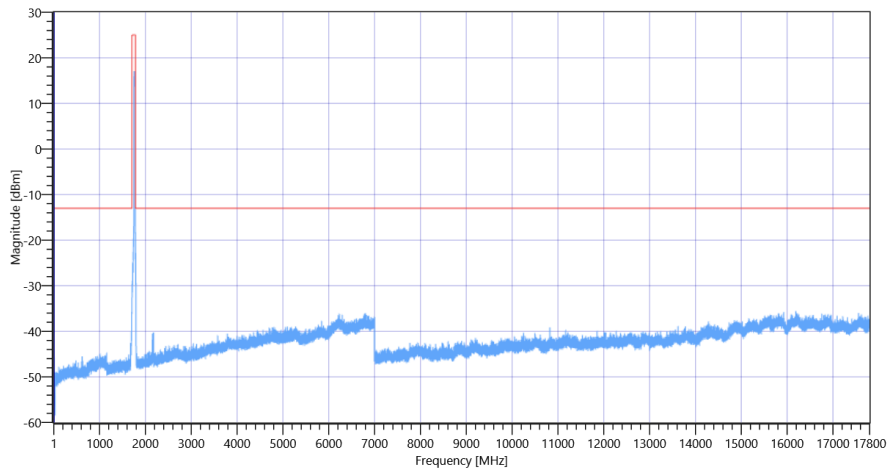
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] 5.64 | 0 | 25
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

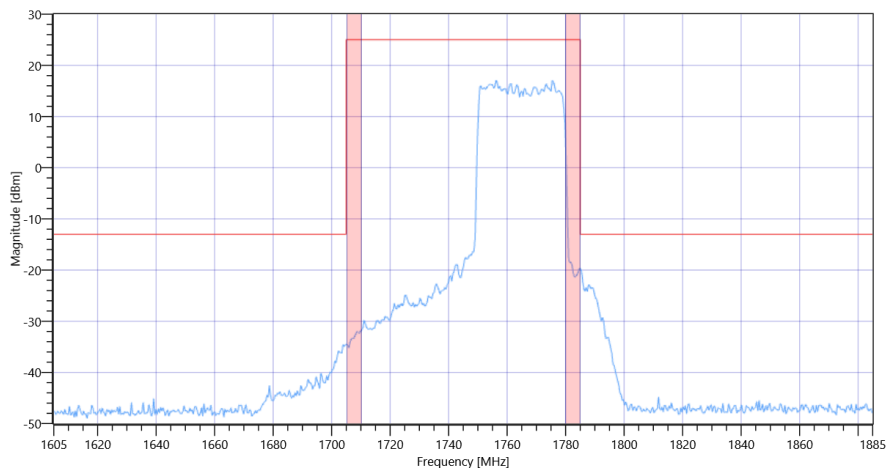
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
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RESULT Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765

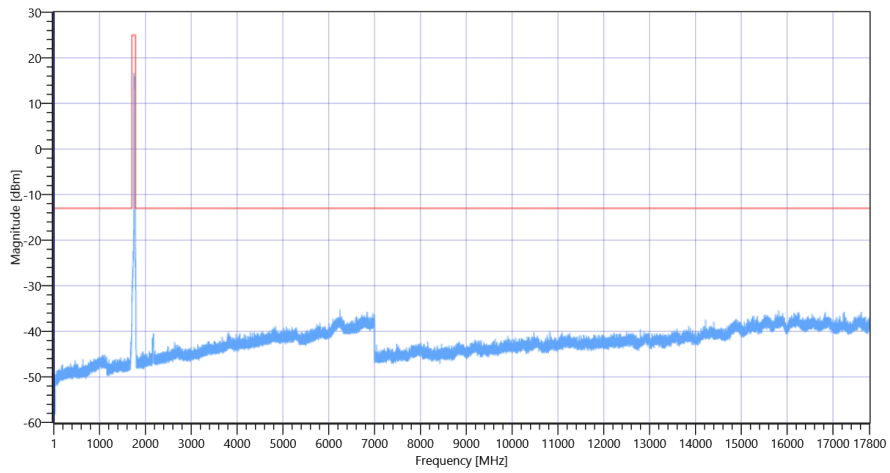
Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

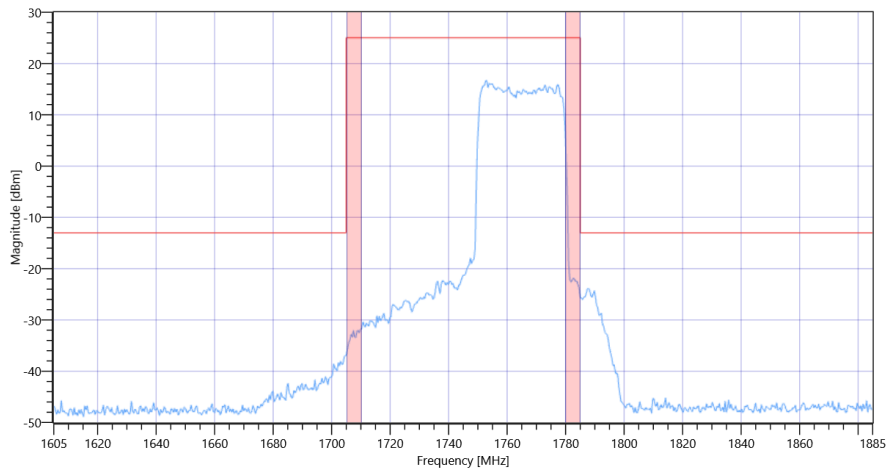
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.53 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 08:30:55
Ambit Temp [°C] Humidity [rel%]	25.8 49
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	False
Frequency high to test	True
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 30

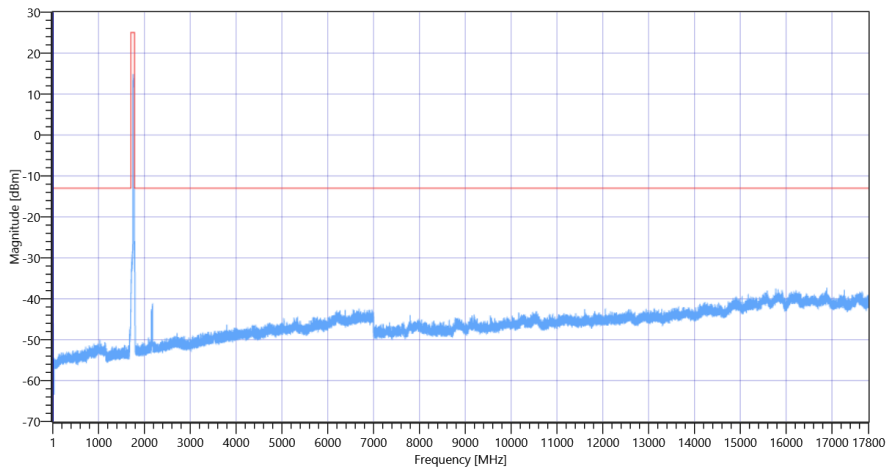
Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

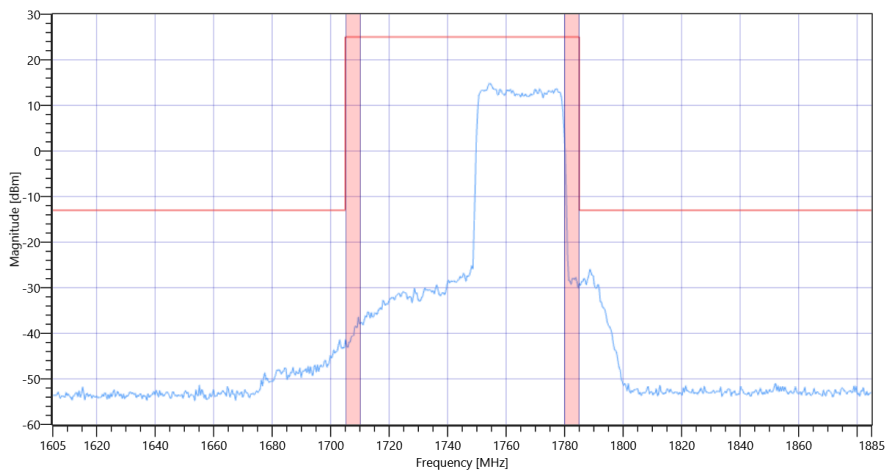
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	2.40 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1765

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 07:18:59
Ambit Temp [°C] Humidity [rel%]	26.8 43
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	True
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 30

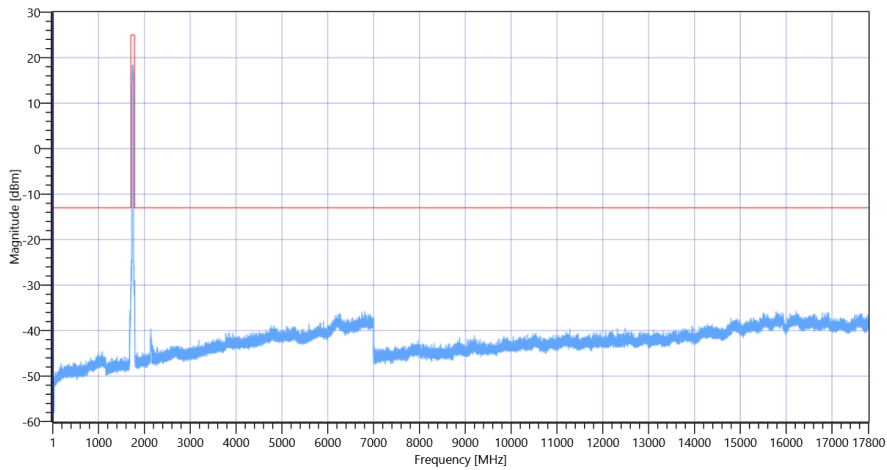
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

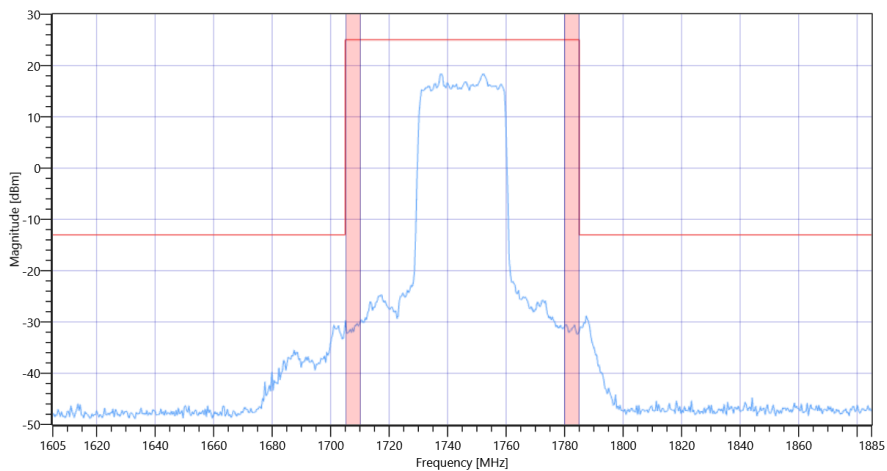
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.76 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

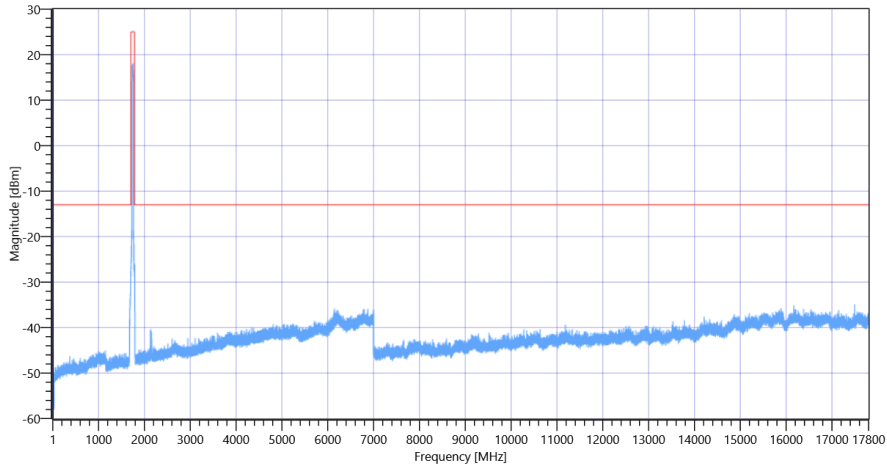
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.85 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000

READ SA SETTINGS:

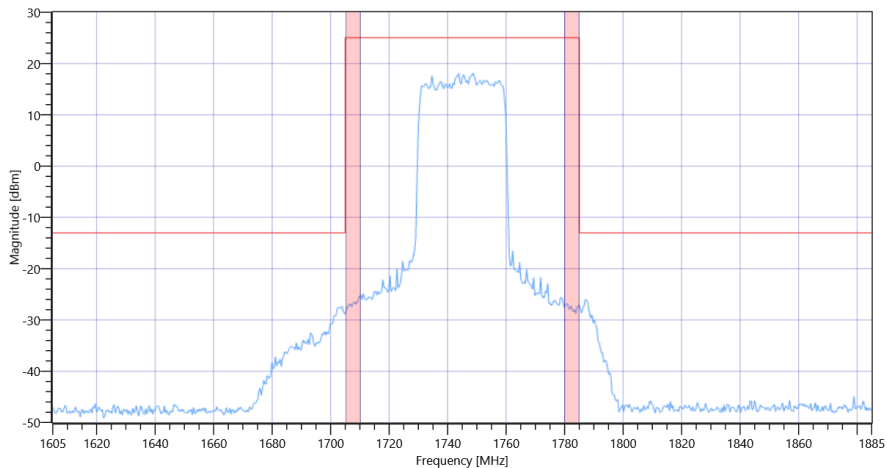
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] 5.45 | 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: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
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RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

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

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745 MHz

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.94 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

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

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745 MHz

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 06:56:27
Ambit Temp [°C] Humidity [rel%]	26.7 43
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	True
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 30

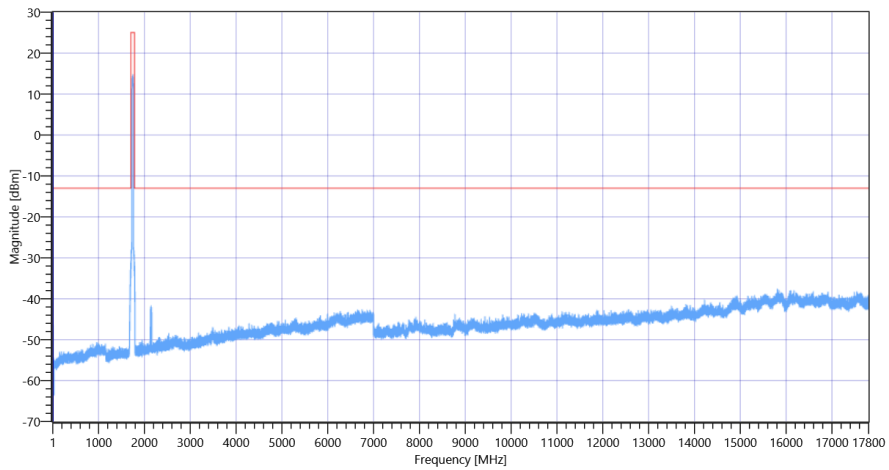
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

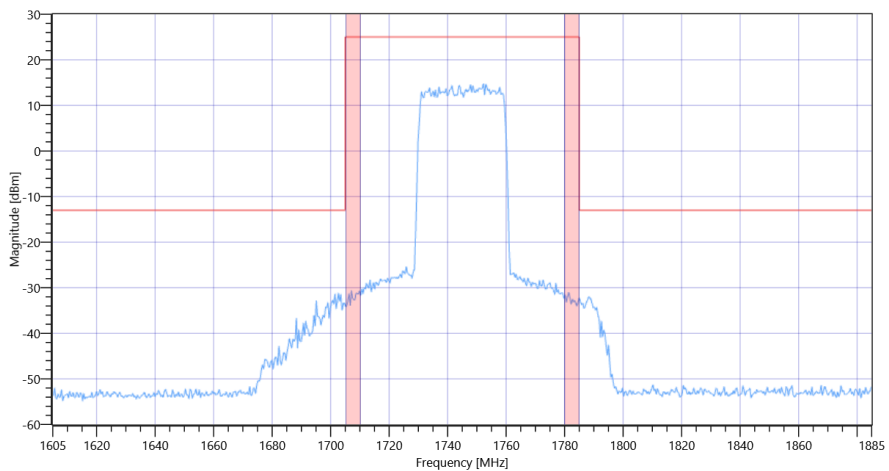
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.62 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1745

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	29.06.2022 22:38:56
Ambit Temp [°C] Humidity [rel%]	27.8 39
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	False
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 30

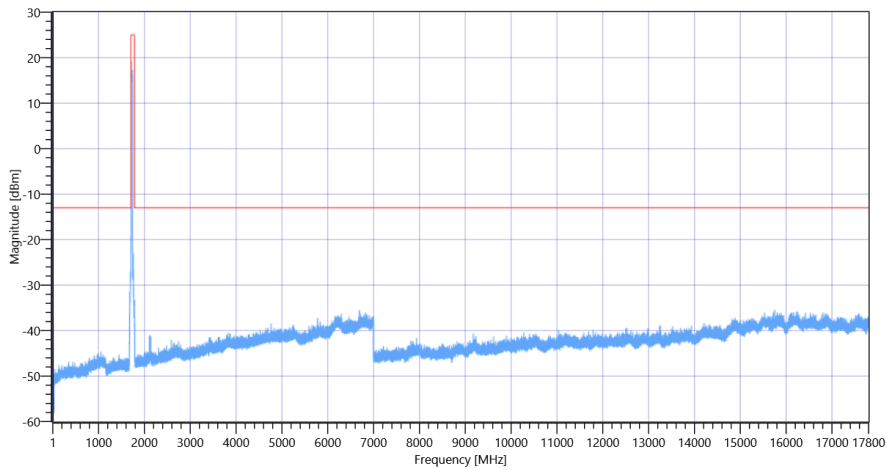
Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

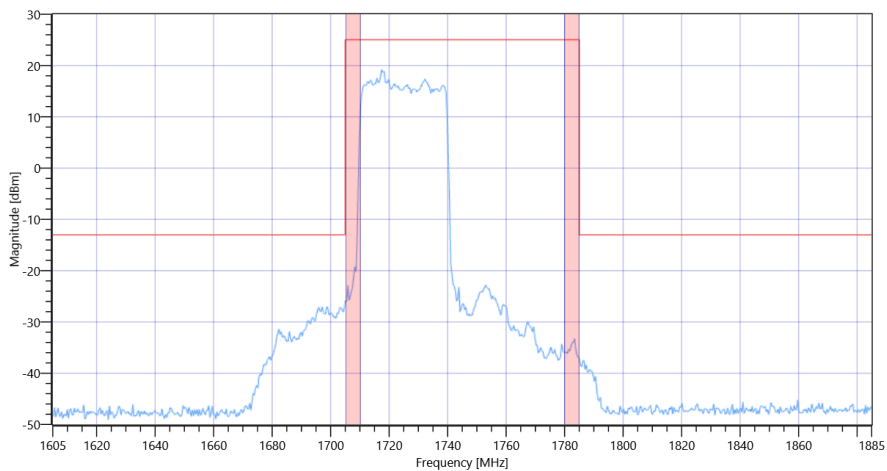
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.56 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725

Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

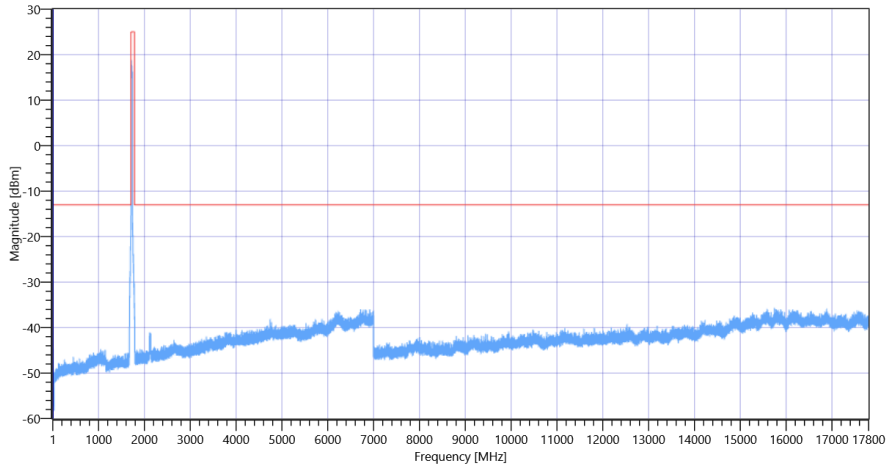
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.47 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000

READ SA SETTINGS:

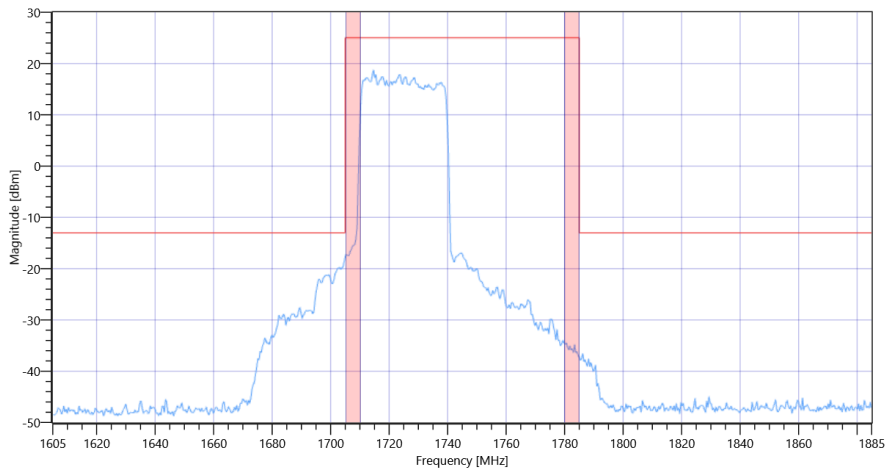
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725

Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

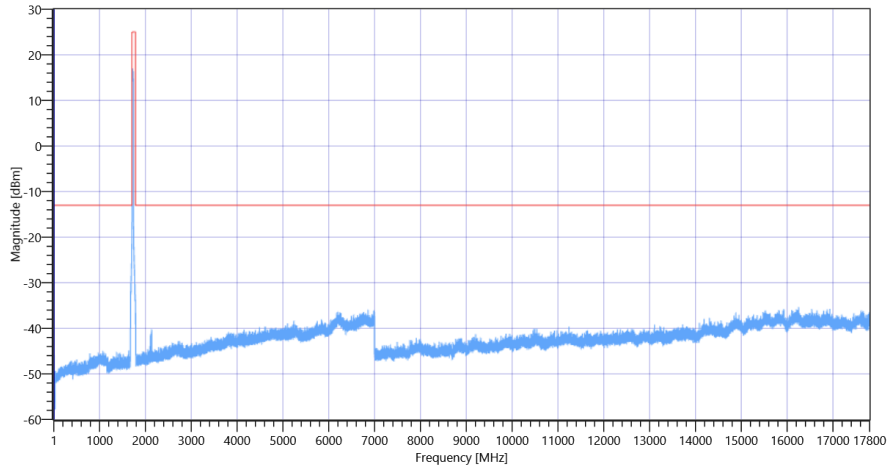
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB] 5.74 | 0 | 25
Start [MHz] | Stop [MHz] 1.000 | 401.000
RBW [MHz] | VBW [MHz] 1.000000 | 3.000000
Detector | TraceMode POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type 1600 | 1 | 1001 | SWE

RESULT Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

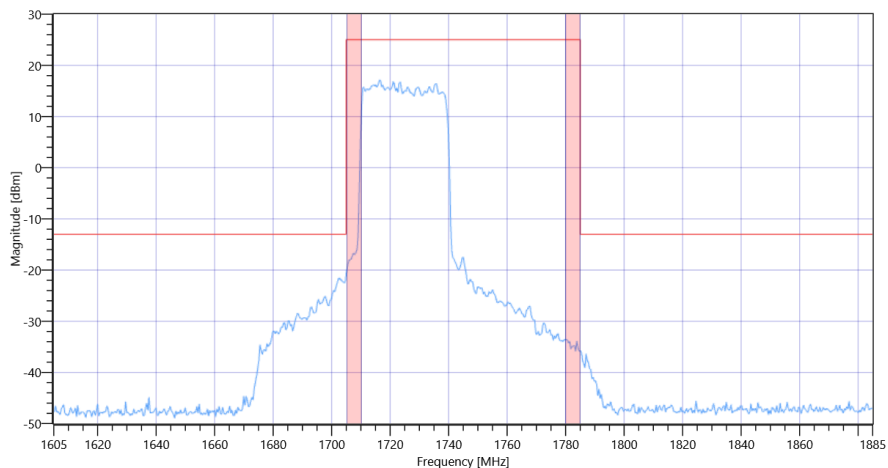
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
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RESULT Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725

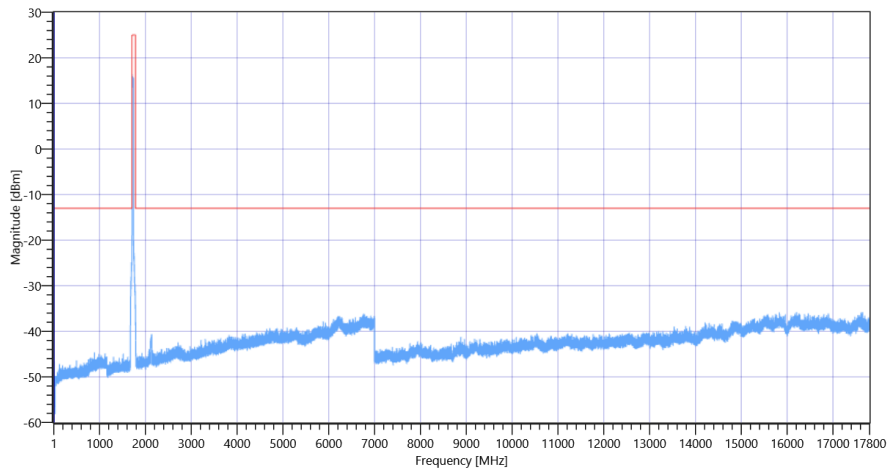
Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

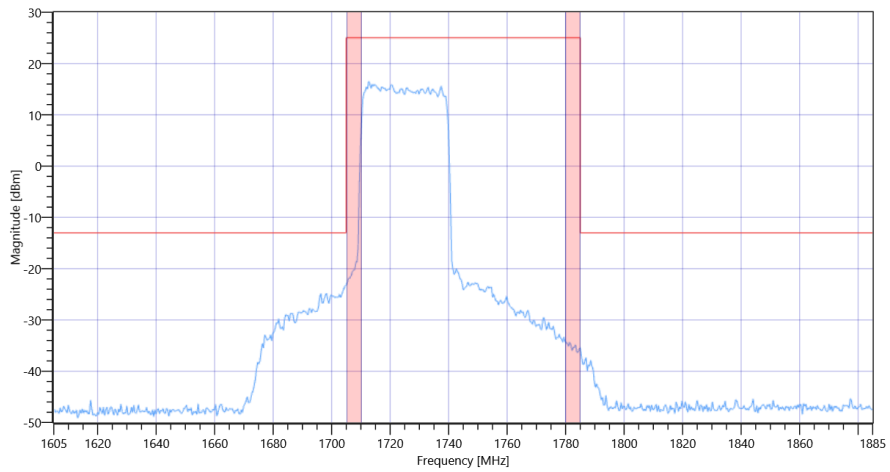
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.32 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725

General verdict

PASS

FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	29.06.2022 22:18:33
Ambit Temp [°C] Humidity [rel%]	27.8 39
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio TX Emissions conducted - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	False
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 30

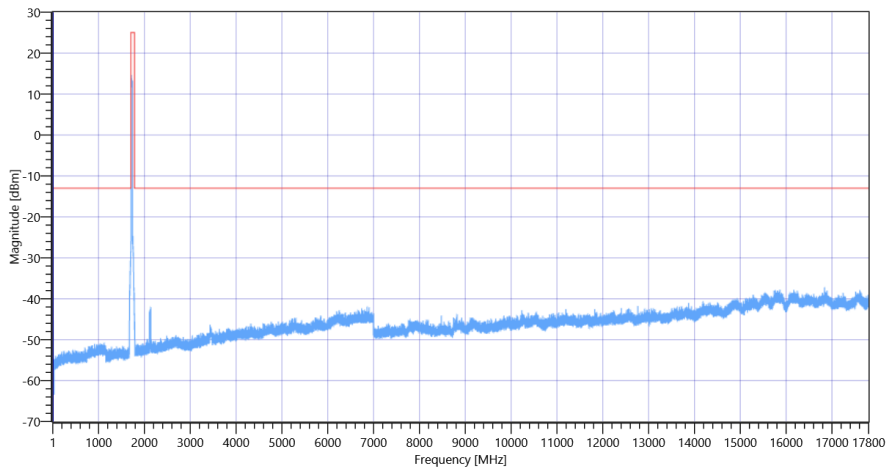
Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

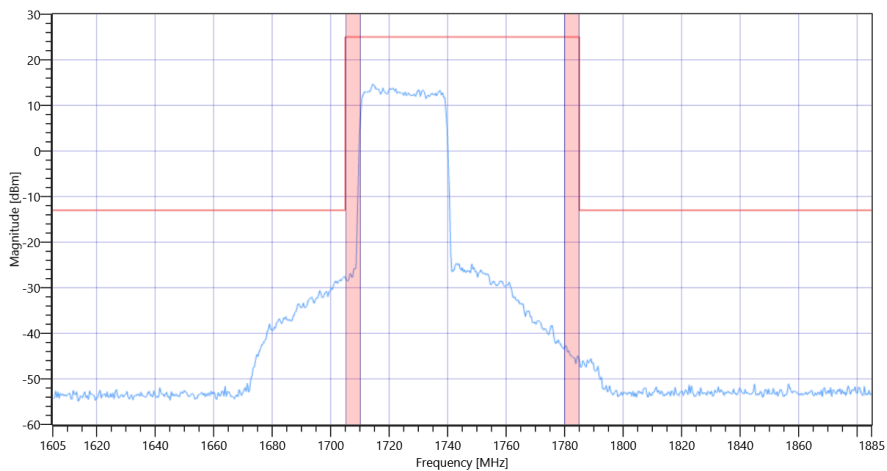
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.57 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1725

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	13.07.2022 09:31:30
Ambit Temp [°C] Humidity [rel%]	24.2 48
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	False
Frequency high to test	True
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 15

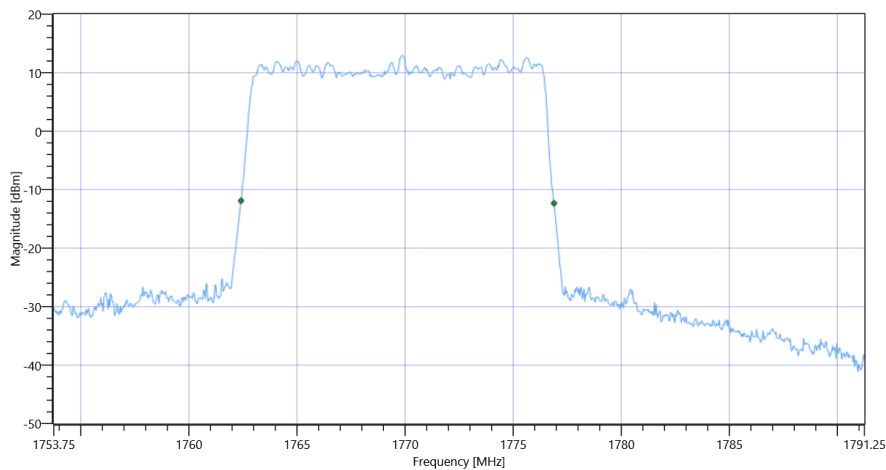
Test freq: high, UL[MHz]/CH 1772.5/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.84 0 35
Start [MHz] Stop [MHz]	1753.750 1791.250
RBW [MHz] VBW [MHz]	0.300000 1.000000
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	---	---	14.475	MHz	INFO



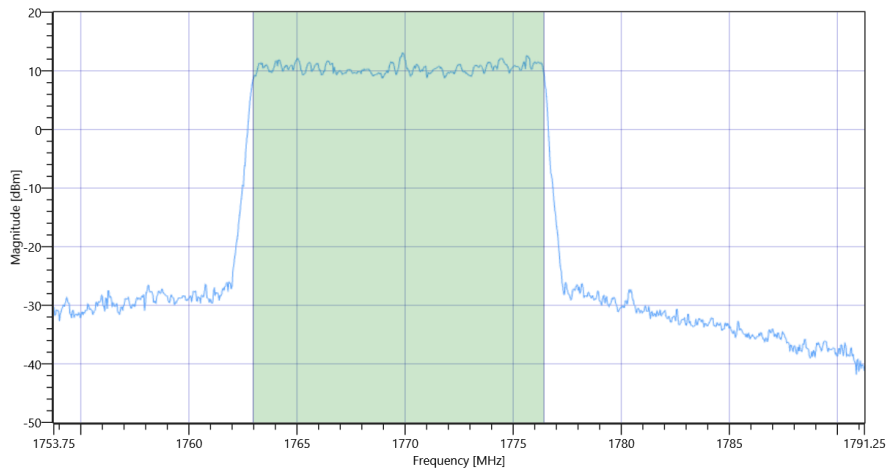
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.84 0 35
Start [MHz] Stop [MHz]	1753.750 1791.250
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	13.487	MHz	INFO



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	13.07.2022 09:16:41
Ambit Temp [°C] Humidity [rel%]	24.1 48
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	True
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 15

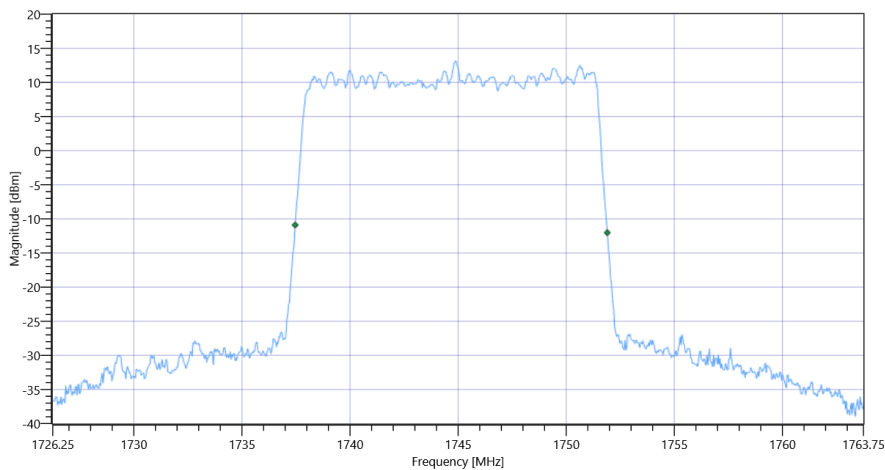
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.22 0 35
Start [MHz] Stop [MHz]	1726.250 1763.750
RBW [MHz] VBW [MHz]	0.300000 1.000000
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	---	---	14.438	MHz	INFO



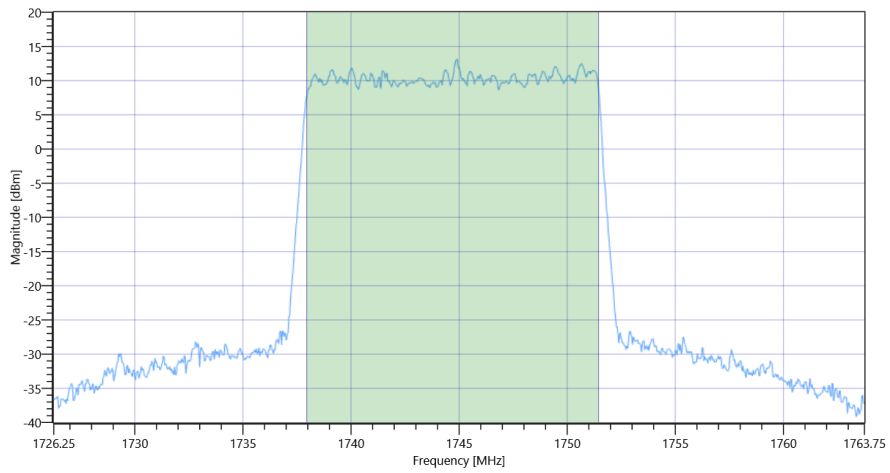
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.22 0 35
Start [MHz] Stop [MHz]	1726.250 1763.750
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	13.487	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	13.07.2022 09:06:51
Ambit Temp [°C] Humidity [rel%]	24.1 48
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	False
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 15

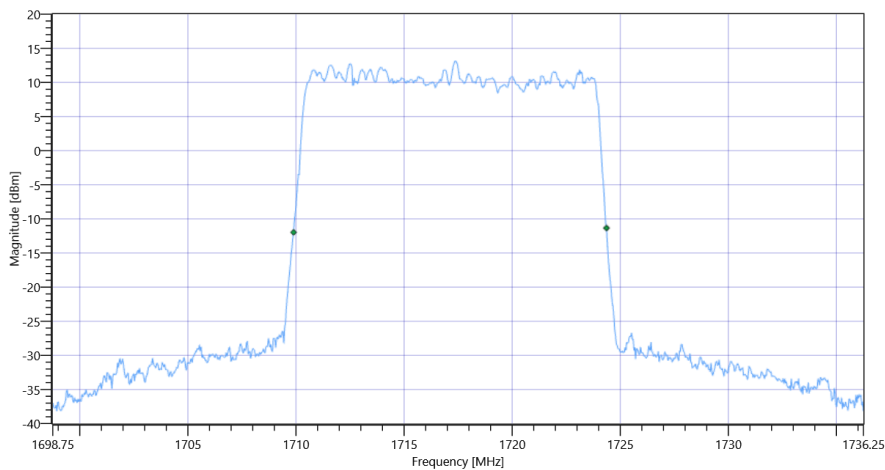
Test freq: low, UL[MHz]/CH 1717.5/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.00 0 35
Start [MHz] Stop [MHz]	1698.750 1736.250
RBW [MHz] VBW [MHz]	0.300000 1.000000
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	---	---	14.475	MHz	INFO



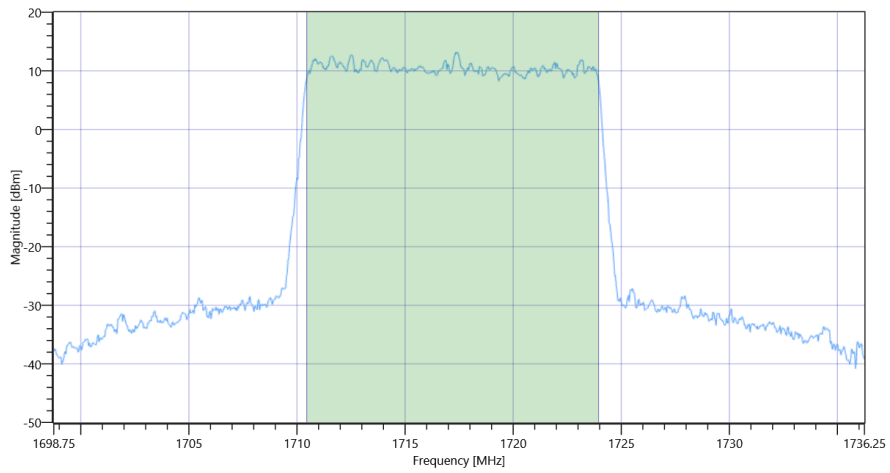
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.00 0 30
Start [MHz] Stop [MHz]	1698.750 1736.250
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	13.524	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 18:15:05
Ambit Temp [°C] Humidity [rel%]	27.1 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	False
Frequency high to test	True
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 20

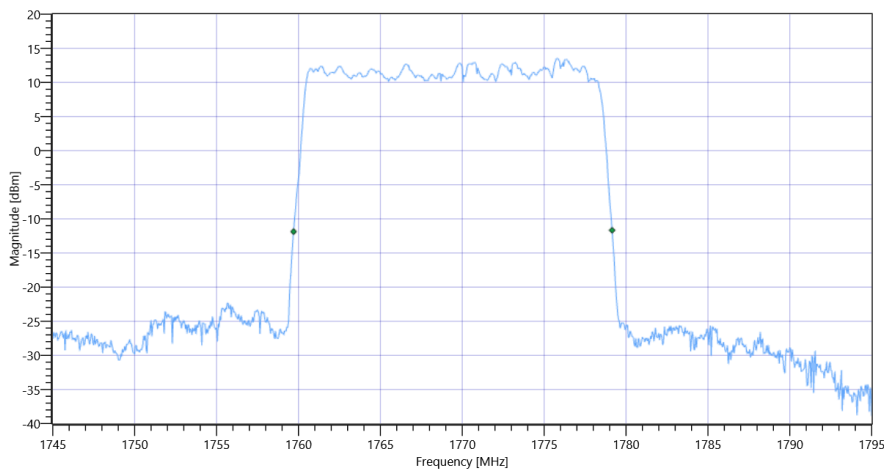
Test freq: high, UL[MHz]/CH 1770/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.98 0 35
Start [MHz] Stop [MHz]	1745.000 1795.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
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	---	---	19.45	MHz	INFO



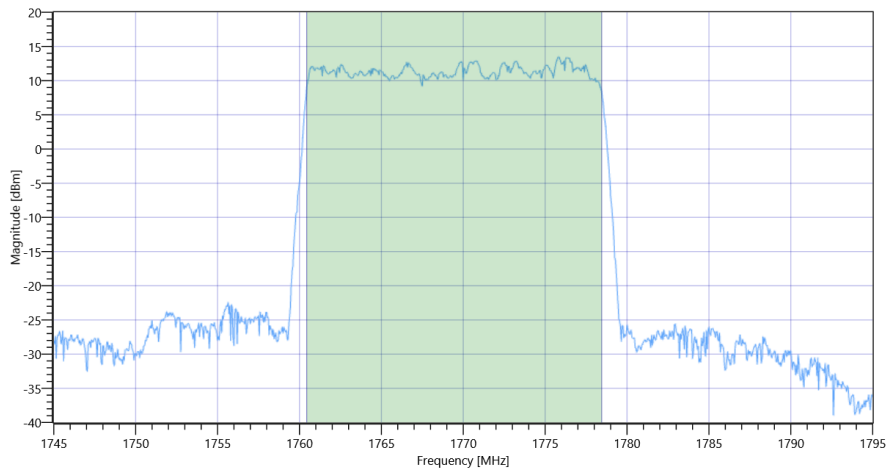
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.98 0 30
Start [MHz] Stop [MHz]	1745.000 1795.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.982	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 18:06:00
Ambit Temp [°C] Humidity [rel%]	27.1 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	False
Frequency high to test	True
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 10

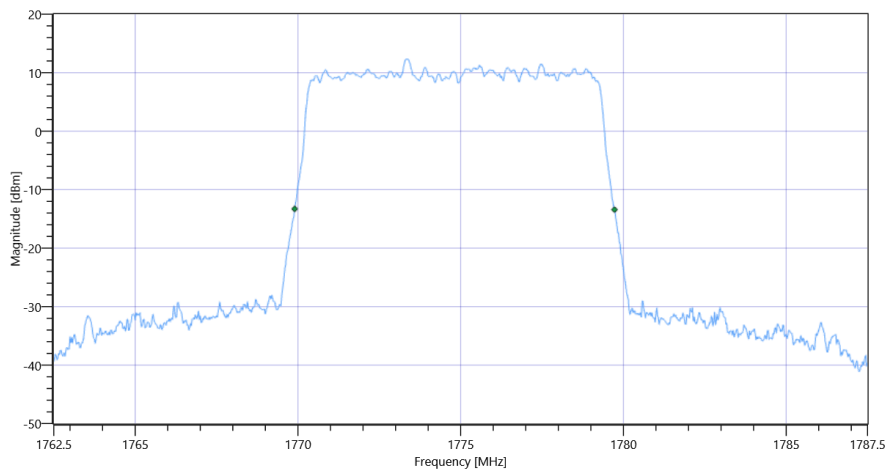
Test freq: high, UL[MHz]/CH 1775/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.70 0 35
Start [MHz] Stop [MHz]	1762.500 1787.500
RBW [MHz] VBW [MHz]	0.200000 1.000000
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	---	---	9.825	MHz	INFO



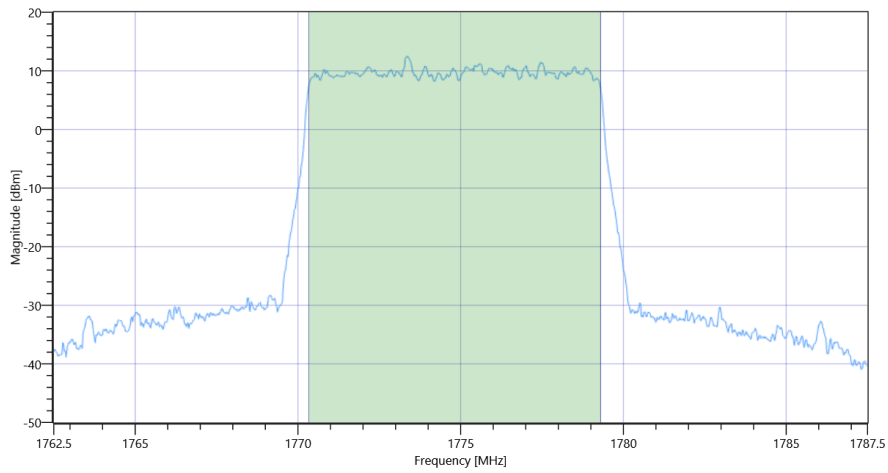
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.70 0 35
Start [MHz] Stop [MHz]	1762.500 1787.500
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	8.966	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 17:56:44
Ambit Temp [°C] Humidity [rel%]	27.1 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	False
Frequency high to test	True
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 5

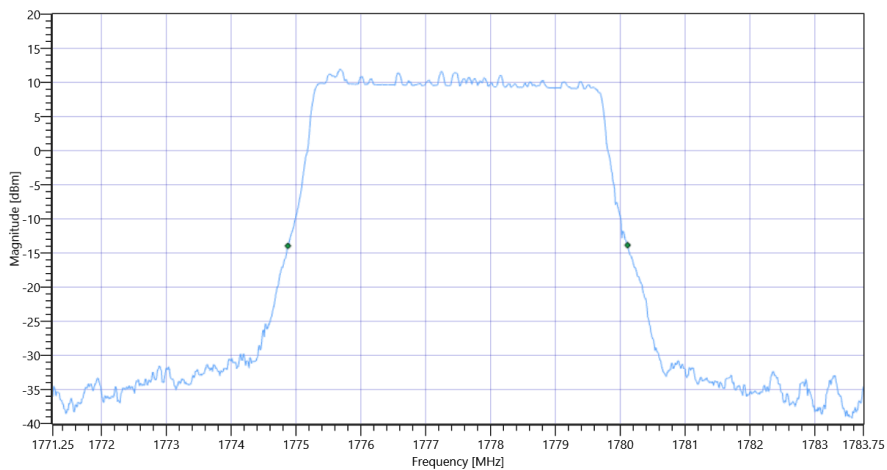
Test freq: high, UL[MHz]/CH 1777.5/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.01 0 35
Start [MHz] Stop [MHz]	1771.250 1783.750
RBW [MHz] VBW [MHz]	0.100000 0.500000
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	---	---	5.237	MHz	INFO



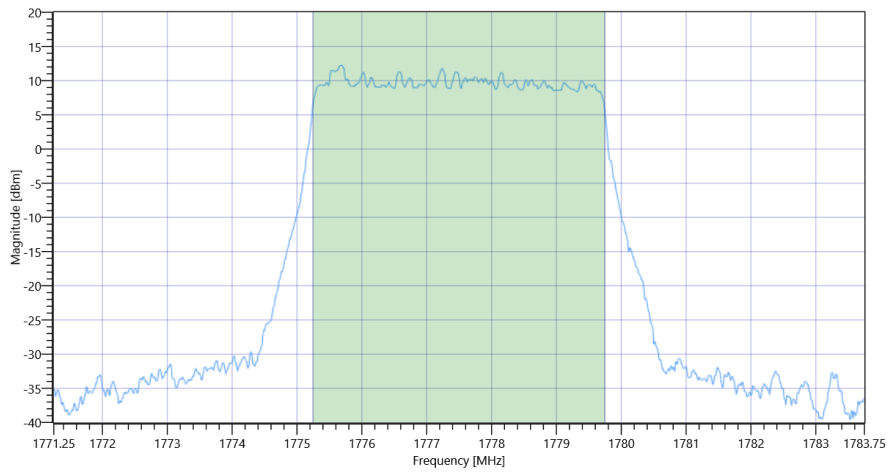
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.01 0 35
Start [MHz] Stop [MHz]	1771.250 1783.750
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	4.508	MHz	INFO



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 17:46:47
Ambit Temp [°C] Humidity [rel%]	27.2 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	True
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 20

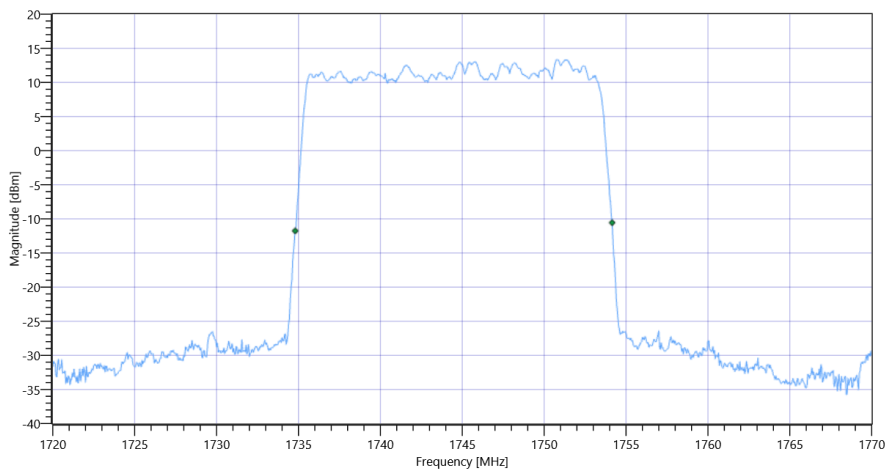
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.71 0 30
Start [MHz] Stop [MHz]	1720.000 1770.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
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	---	---	19.35	MHz	INFO



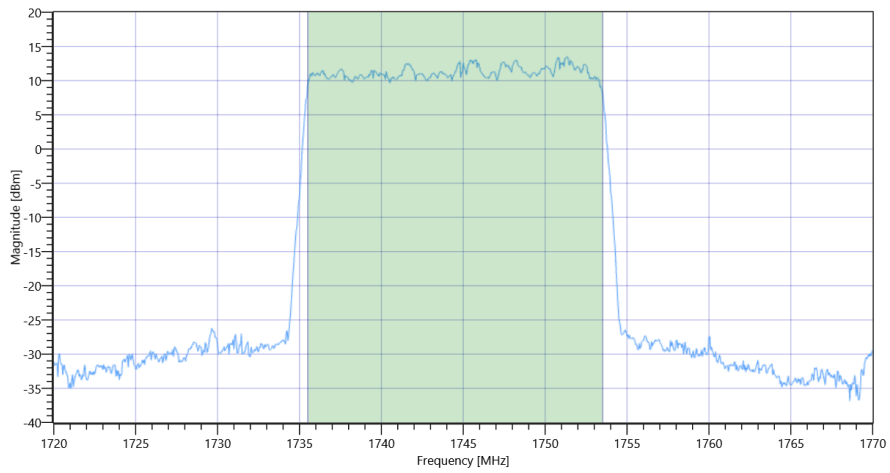
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.71 0 30
Start [MHz] Stop [MHz]	1720.000 1770.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.982	MHz	INFO



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 17:41:27
Ambit Temp [°C] Humidity [rel%]	27.2 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	True
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 10

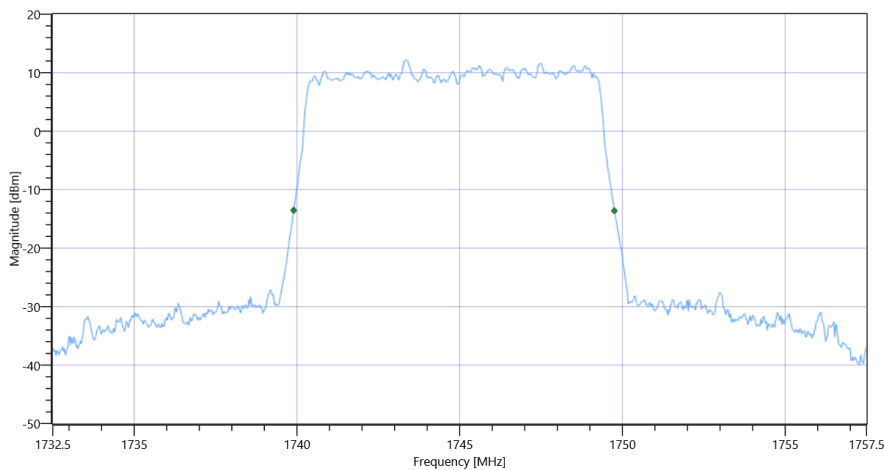
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.97 0 35
Start [MHz] Stop [MHz]	1732.500 1757.500
RBW [MHz] VBW [MHz]	0.200000 1.000000
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	---	---	9.85	MHz	INFO



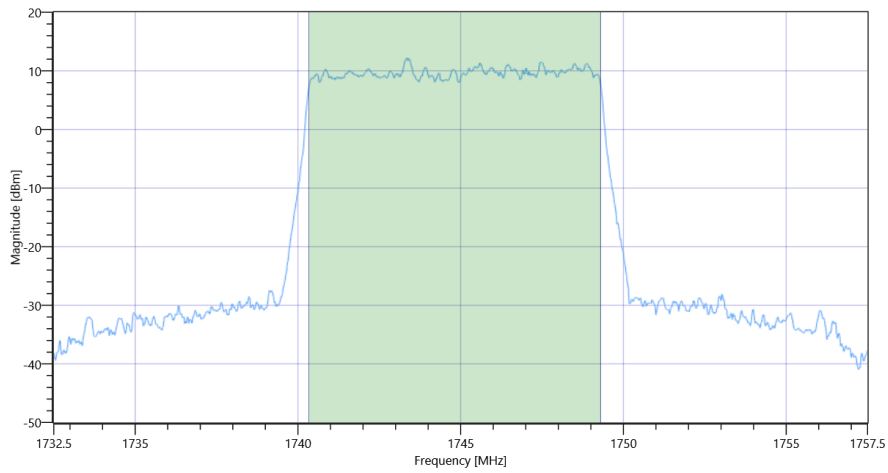
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.97 0 35
Start [MHz] Stop [MHz]	1732.500 1757.500
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	8.966	MHz	INFO



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 17:33:43
Ambit Temp [°C] Humidity [rel%]	27.2 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	True
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 5

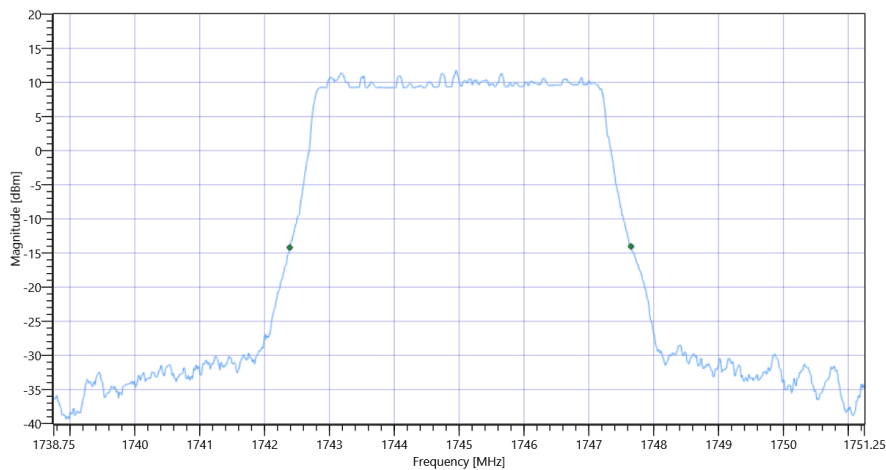
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.89 0 35
Start [MHz] Stop [MHz]	1738.750 1751.250
RBW [MHz] VBW [MHz]	0.100000 0.500000
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	---	---	5.263	MHz	INFO



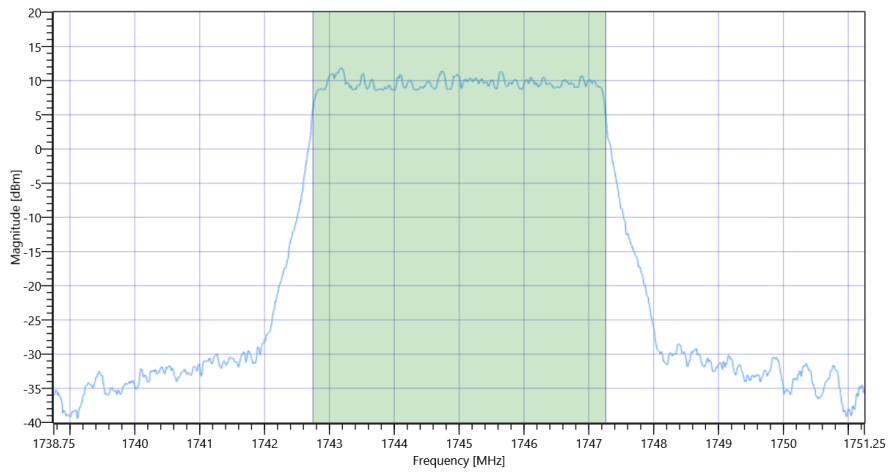
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.89 0 35
Start [MHz] Stop [MHz]	1738.750 1751.250
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	4.52	MHz	INFO



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 17:26:39
Ambit Temp [°C] Humidity [rel%]	27.2 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	False
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 20

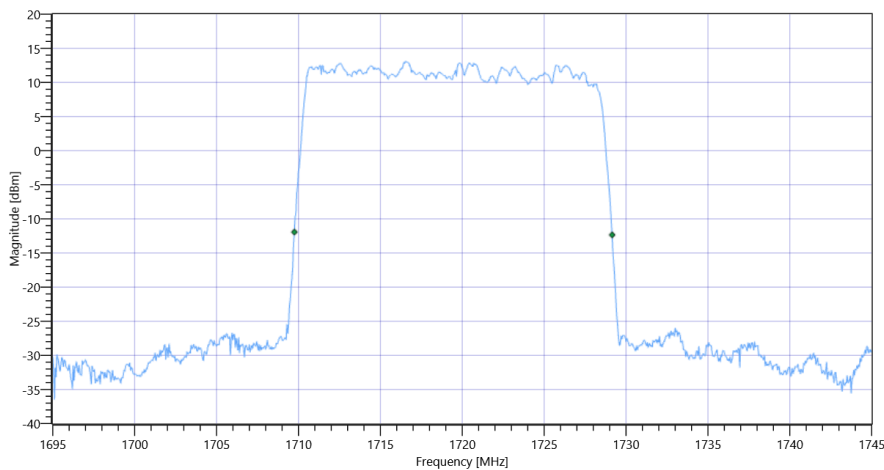
Test freq: low, UL[MHz]/CH 1720/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.92 0 30
Start [MHz] Stop [MHz]	1695.000 1745.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
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	---	---	19.4	MHz	INFO



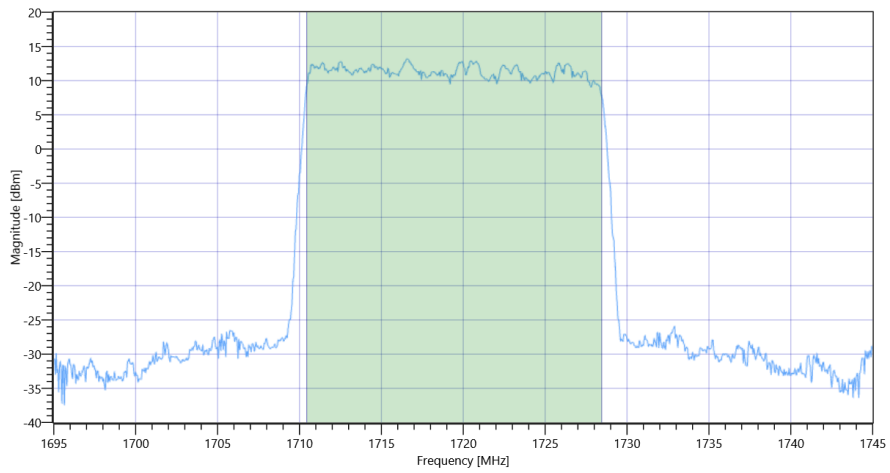
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.92 0 30
Start [MHz] Stop [MHz]	1695.000 1745.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.982	MHz	INFO



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 17:15:51
Ambit Temp [°C] Humidity [rel%]	27.3 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	False
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 10

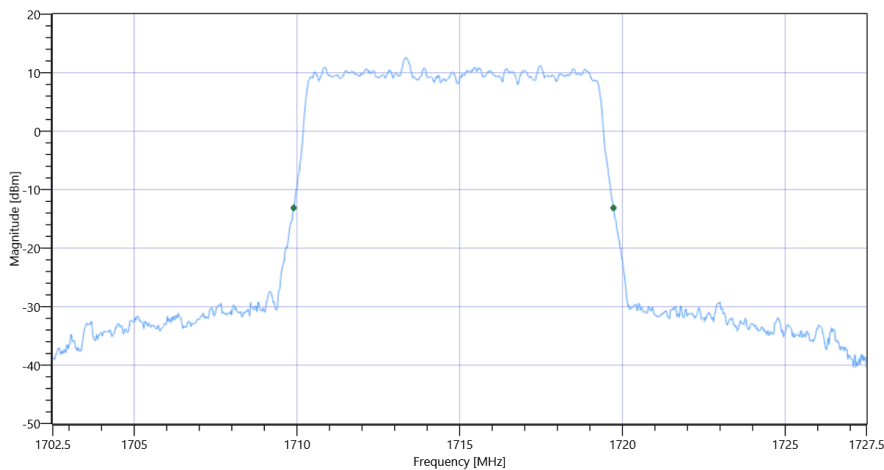
Test freq: low, UL[MHz]/CH 1715/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.61 0 35
Start [MHz] Stop [MHz]	1702.500 1727.500
RBW [MHz] VBW [MHz]	0.200000 1.000000
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	---	---	9.825	MHz	INFO



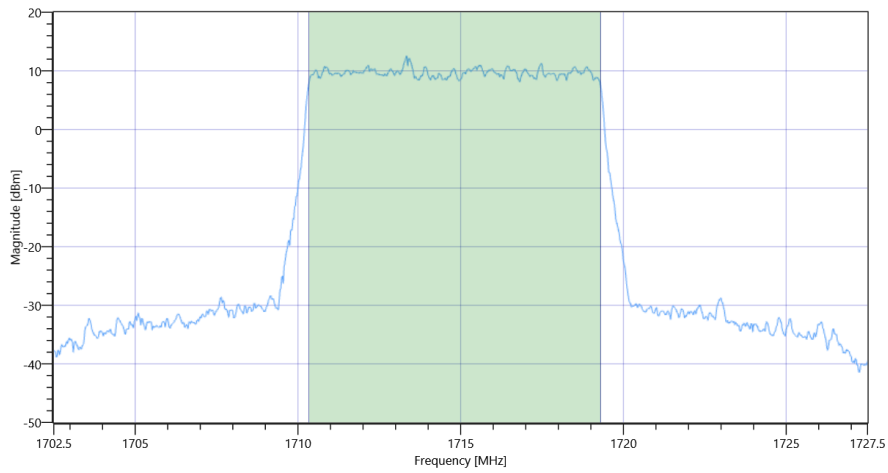
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.61 0 35
Start [MHz] Stop [MHz]	1702.500 1727.500
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	8.966	MHz	INFO



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	11.07.2022 16:31:56
Ambit Temp [°C] Humidity [rel%]	27.1 42
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	False
Frequency high to test	False
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 5

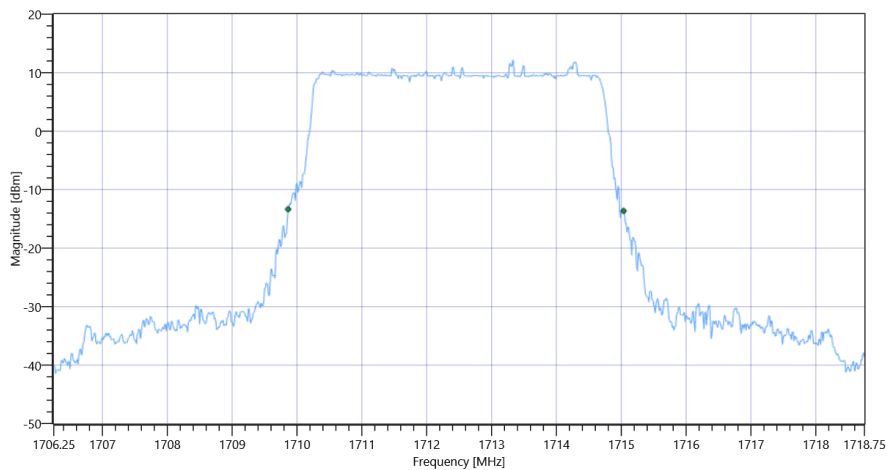
Test freq: low, UL[MHz]/CH 1712.5/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.98 0 35
Start [MHz] Stop [MHz]	1706.250 1718.750
RBW [MHz] VBW [MHz]	0.100000 0.500000
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	---	---	5.175	MHz	INFO



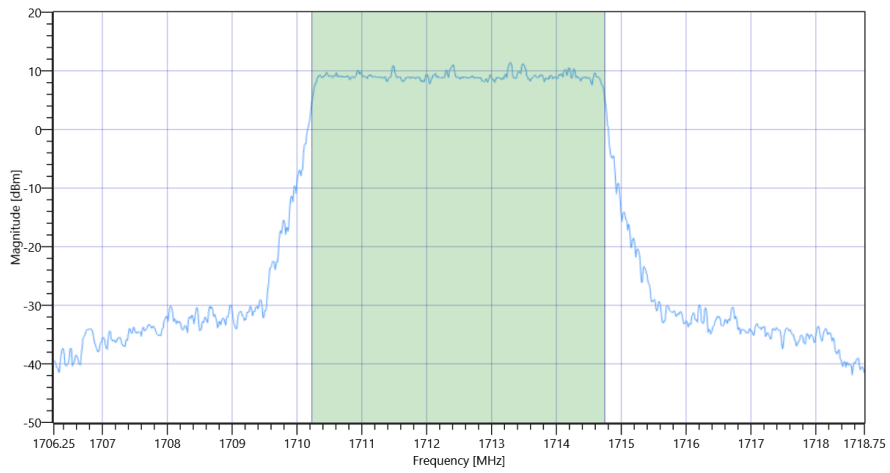
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.98 0 35
Start [MHz] Stop [MHz]	1706.250 1718.750
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	4.508	MHz	INFO



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15

Test References	
TC Start	30.06.2022 11:35:33
Ambit Temp [°C] Humidity [rel%]	26.6 47
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_66
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_66
SCS [kHz]	15
Waveform	DFTOFDM
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False
Frequency mid to test	False
Frequency high to test	True
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	None

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

Test at BW [MHz]: 40

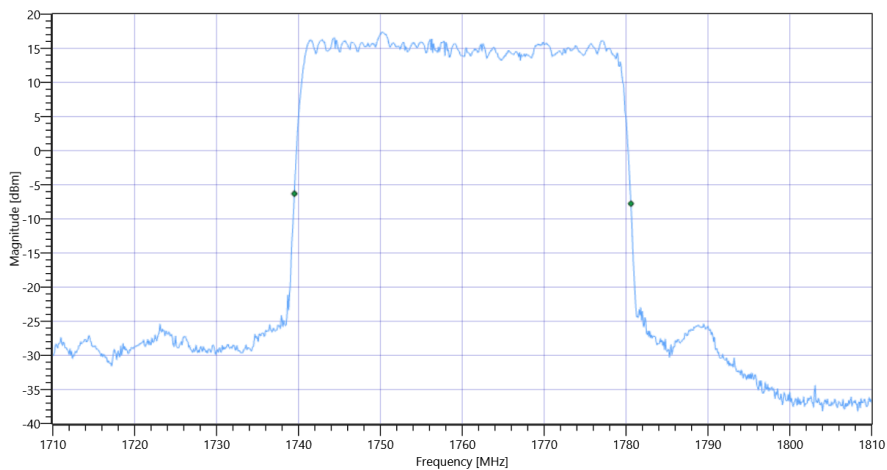
Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.51 0 35
Start [MHz] Stop [MHz]	1710.000 1810.000
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	---	---	41.1	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15 26dB

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.51 0 35
Start [MHz] Stop [MHz]	1710.000 1810.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 1500 1001 SWE

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	38.661	MHz	INFO