

Measurement Results

No.1-3977/22-02-16_Annex_MR_A1

Test logging

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FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15	113
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FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15	129
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FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15	170
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FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15	221
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15	224
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_66 Ant-1 SCS-15	230

EUT Information

EUT DEFINITION	
Manufacturer	Sagemcom Broadband SAS
Type	Fast 5688W
Serial Number	DM2205259000045
Setup Number	1.0
Version SW	SG520TMDAR01A04M4G_BETA_20220524A_01.001.01.001
Version FW	SG520TMDAR01A04M4G_BETA_20220524A_01.001.01.001
Version HW	V1.0
Comment 1	
Comment 2	
Temperature [°C] Min	0
Temperature [°C] Nom	20
Temperature [°C] Max	50
Voltage [V] Min	102
Voltage [V] Nom	120
Voltage [V] Max	138

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	13.07.2022 09:32:11
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 MobileRadio Block edge 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]: 15

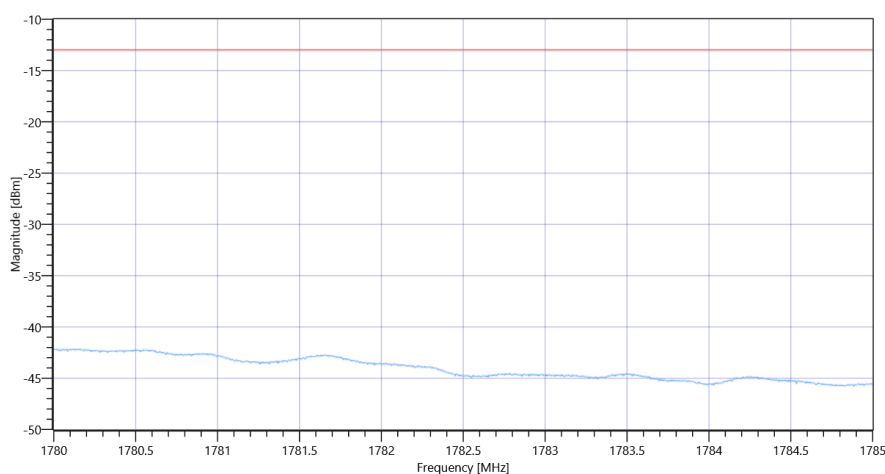
Test freq: high, UL[MHz]/CH 1772.5/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.31 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-35.71	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-36.49	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-37.62	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-38.24	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-38.64	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	13.07.2022 09:26:33
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 MobileRadio Block edge 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]: 15

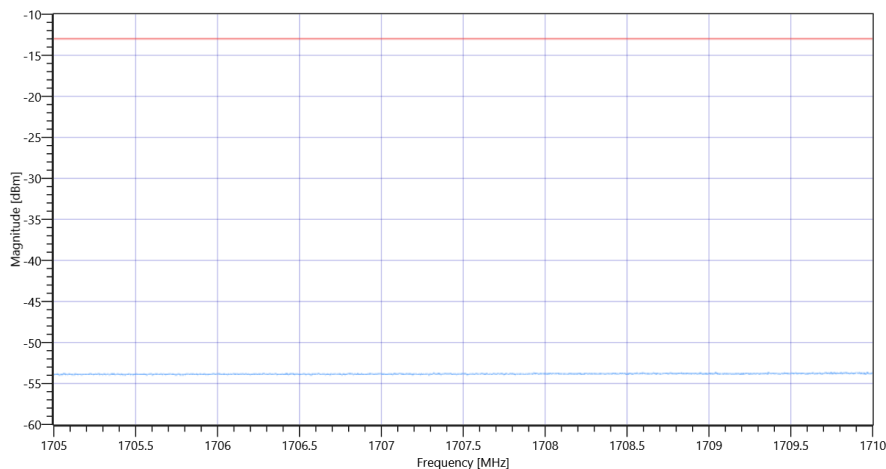
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.51 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-47.07	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-47.09	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-47.13	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-47.15	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-47.17	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

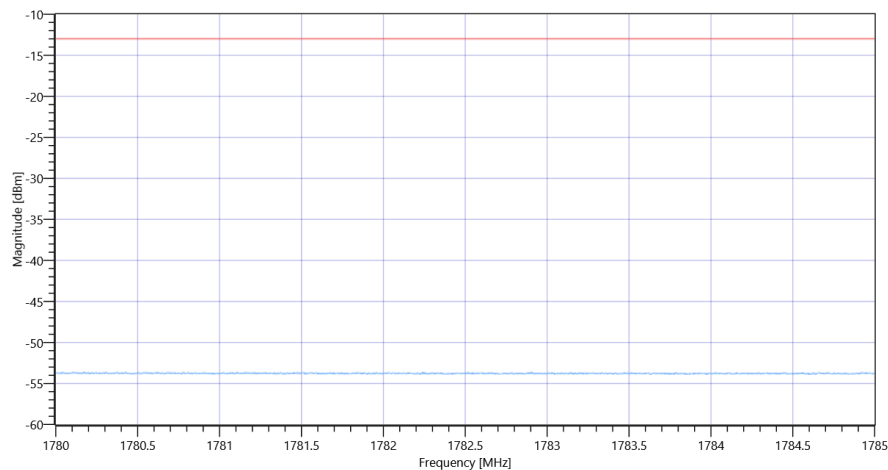
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.51 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-47.03	dBm	PASS

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1781.5	---	-13	-47.05	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-47.06	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-47.07	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-47.07	dBm	PASS



FCC, ISSED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	13.07.2022 09:07:33
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 MobileRadio Block edge 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]: 15

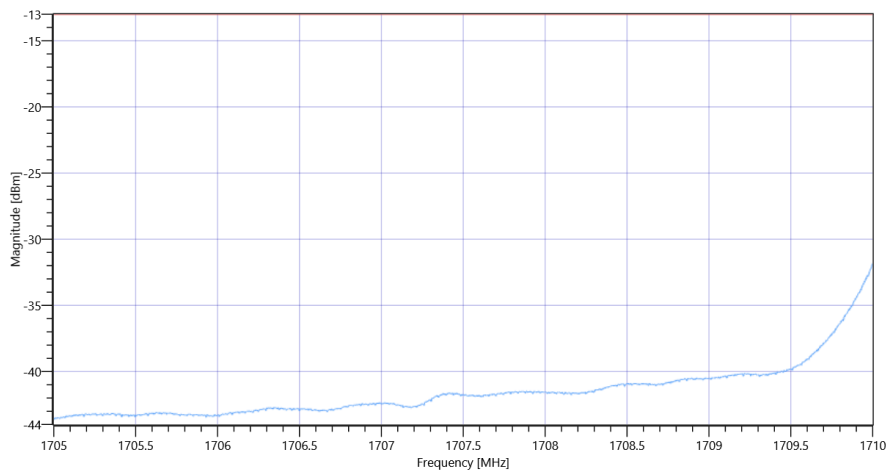
Test freq: low, UL[MHz]/CH 1717.5/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.63 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-30.97	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-34.37	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-35.21	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-36.11	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-36.56	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	11.07.2022 18:15:46
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 MobileRadio Block edge 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]: 20

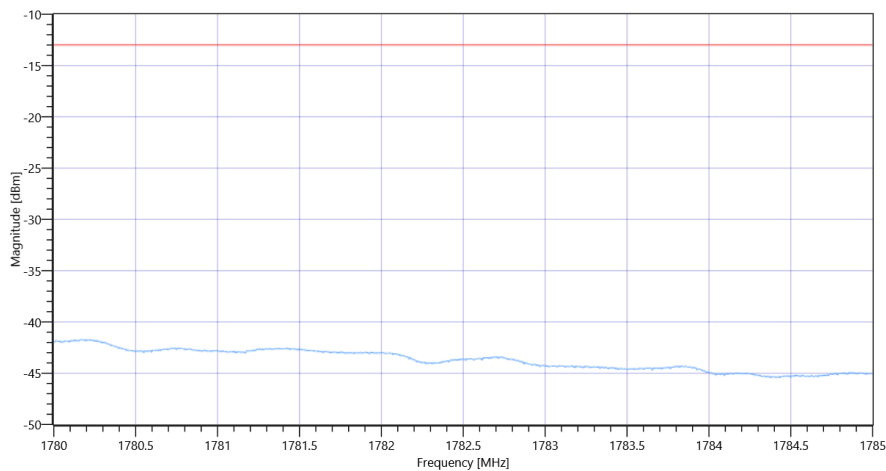
Test freq: high, UL[MHz]/CH 1770/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.62 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-35.69	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-36.13	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-36.96	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-37.75	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-38.43	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	11.07.2022 18:07:35
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 MobileRadio Block edge 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]: 10

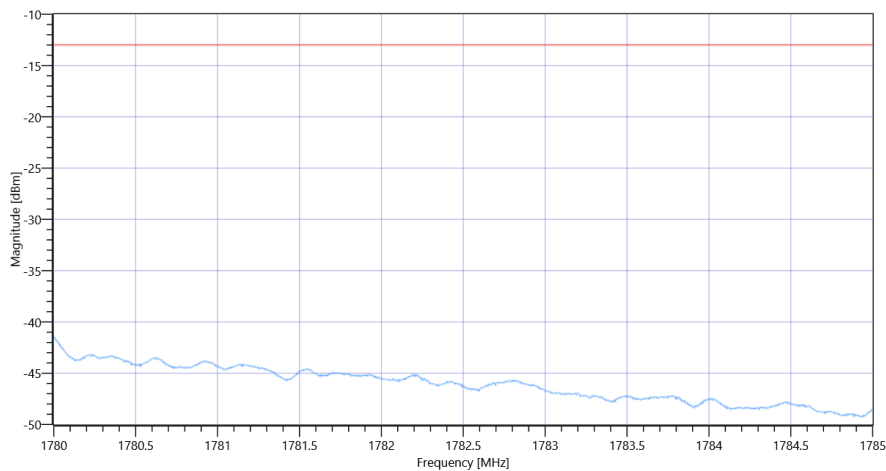
Test freq: high, UL[MHz]/CH 1775/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.29 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-33.96	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-35.17	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-36.21	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-37.66	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-38.7	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	11.07.2022 17:58:09
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 MobileRadio Block edge 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]: 5

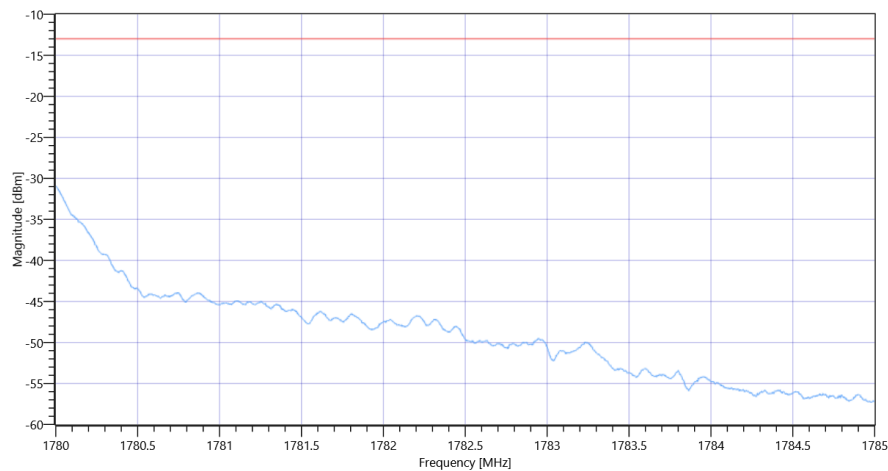
Test freq: high, UL[MHz]/CH 1777.5/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.23 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
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] 1780.5	---	-13	-26.03	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-33.55	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-36.03	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-39.94	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-43.49	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	11.07.2022 17:35:15
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 MobileRadio Block edge 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]: 5

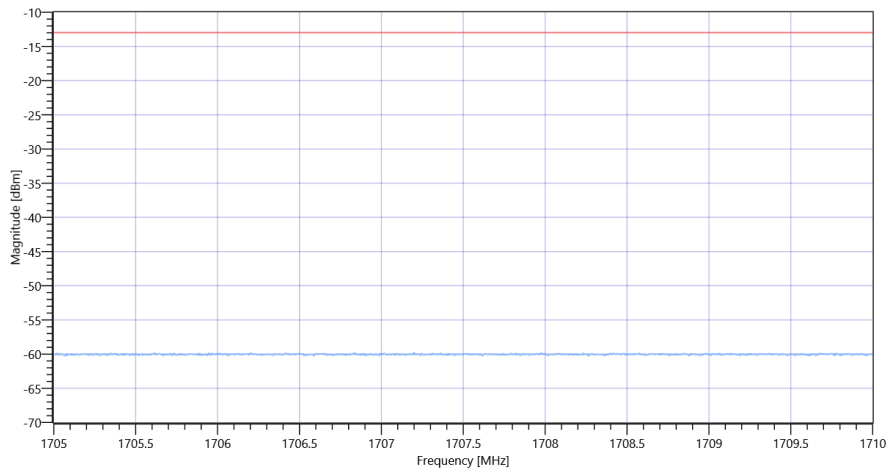
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.03 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
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] 1710.5	---	-13	-47.3	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-47.3	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-47.3	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-47.31	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-47.31	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

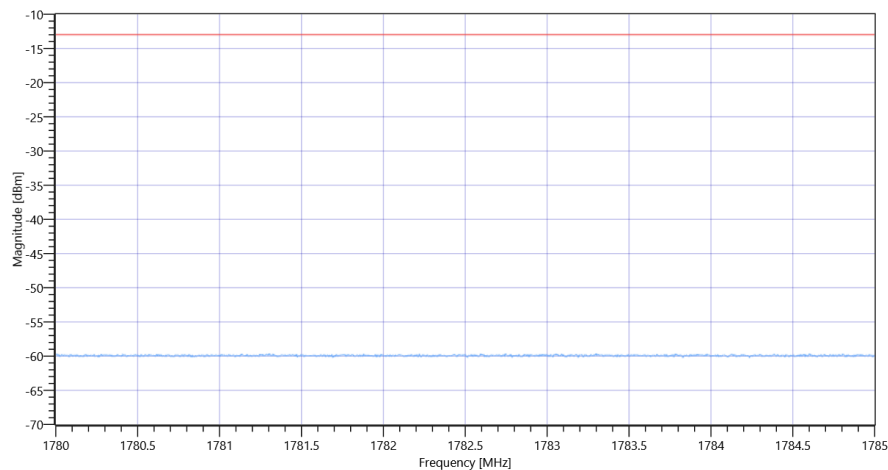
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.03 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-47.19	dBm	PASS

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1781.5	---	-13	-47.18	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-47.19	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-47.18	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-47.19	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	11.07.2022 17:27:34
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 MobileRadio Block edge 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]: 20

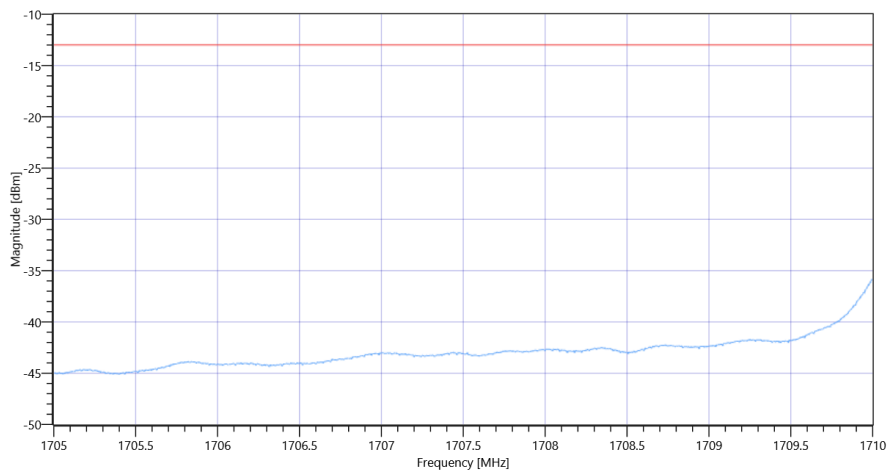
Test freq: low, UL[MHz]/CH 1720/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.83 0 30
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-33.77	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-35.91	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-36.36	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-37.15	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-37.85	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	11.07.2022 17:17:18
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 MobileRadio Block edge 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]: 10

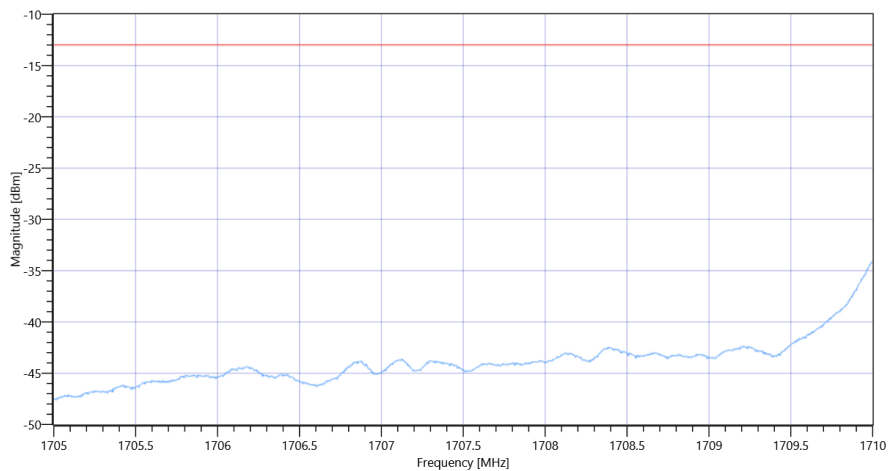
Test freq: low, UL[MHz]/CH 1715/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.10 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-30.37	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-33.52	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-34.46	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-35.34	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-36.46	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	11.07.2022 16:32:51
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 MobileRadio Block edge 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]: 5

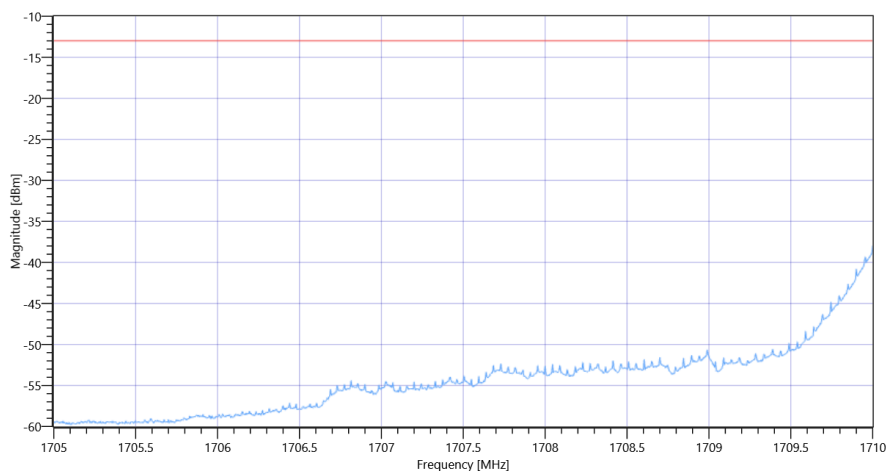
Test freq: low, UL[MHz]/CH 1712.5/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.43 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
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] 1710.5	---	-13	-33.61	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-40.1	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-41.63	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-44.34	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-46.6	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 11:38:40
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 MobileRadio Block edge 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

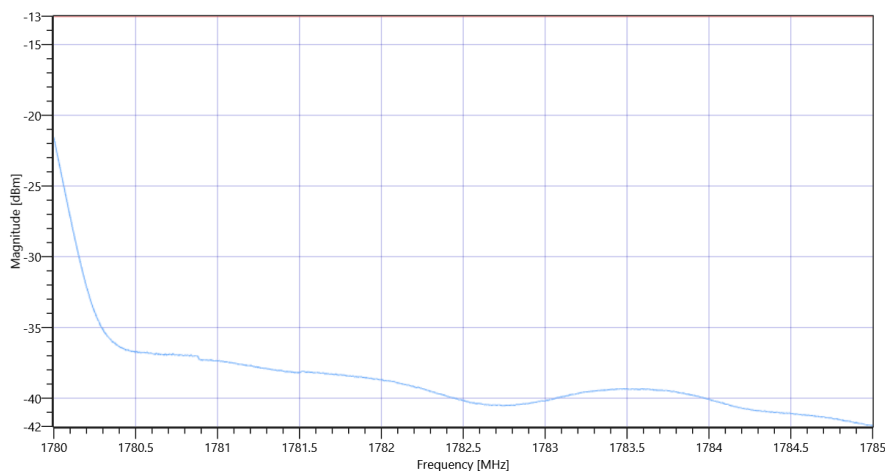
Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.65 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
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] 1780.5	---	-13	-28.85	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-35.34	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-37.1	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-36.86	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-38.33	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

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

READ SA SETTINGS:

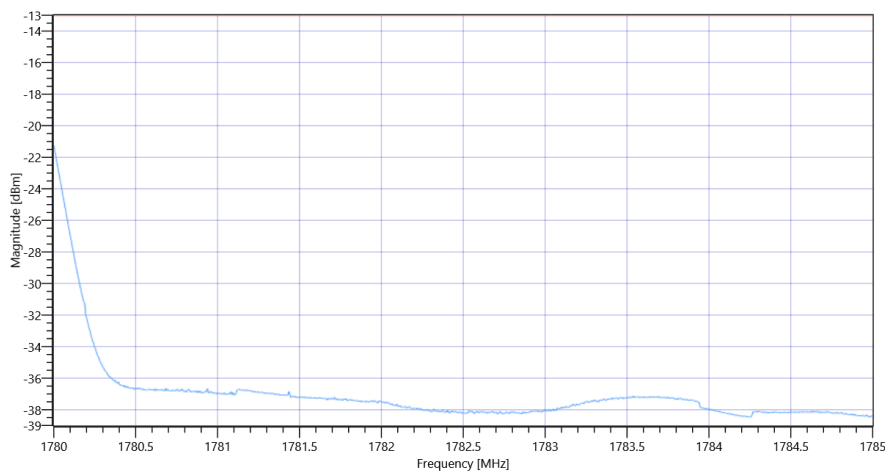
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.98 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

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

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1780.5	---	-13	-28.63	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-34.42	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-35.31	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-34.73	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-35.48	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

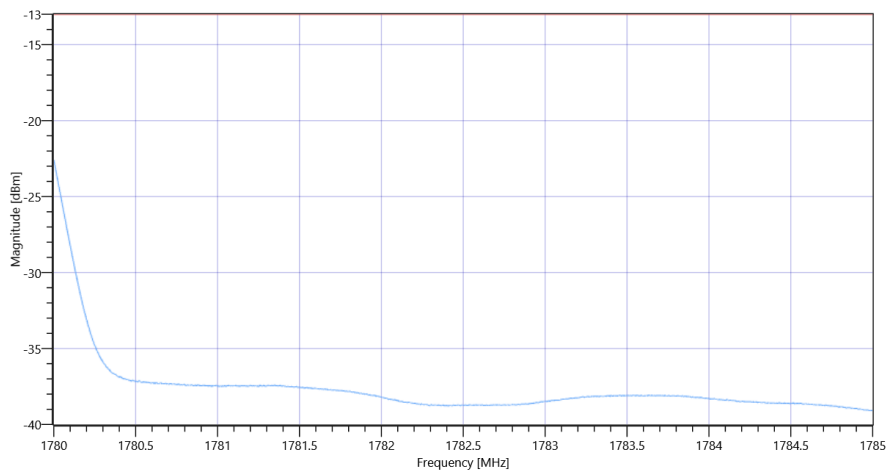
Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.17 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
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] 1780.5	---	-13	-29.72	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-34.9	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-35.9	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-35.45	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-35.91	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

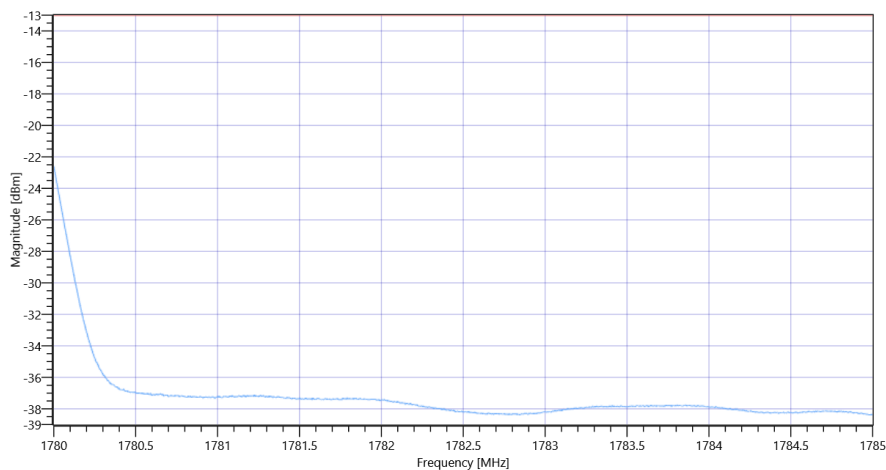
Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.11 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
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] 1780.5	---	-13	-29.71	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-34.57	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-35.31	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-35.15	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-35.43	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 11:22:49
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 Block edge 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

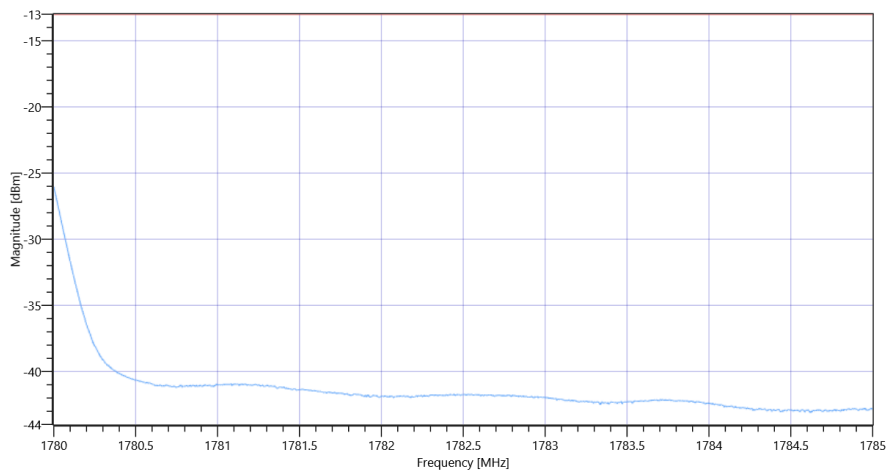
Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.00 0 30
Start [MHz] Stop [MHz]	1780.000 1785.000
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] 1780.5	---	-13	-33.18	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-38.62	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-39.1	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-39.5	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-40.1	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 10:58:55
Ambit Temp [°C] Humidity [rel%]	26.3 48
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge 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

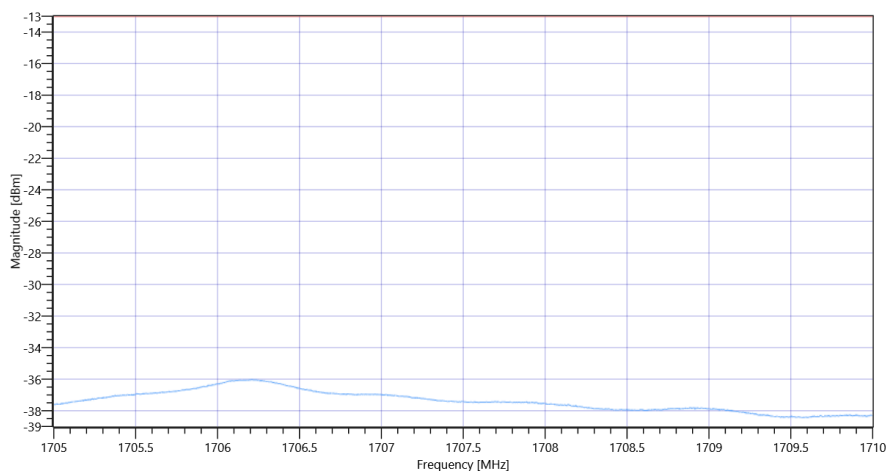
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.60 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-35.51	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-35.1	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-34.61	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-33.79	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-34.24	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

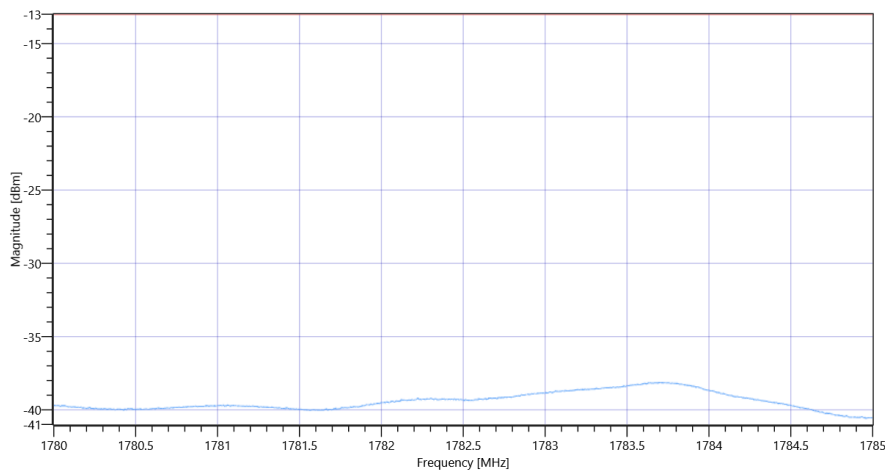
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.60 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-37.12	dBm	PASS

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1781.5	---	-13	-37.09	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-36.49	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-35.71	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-36.96	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

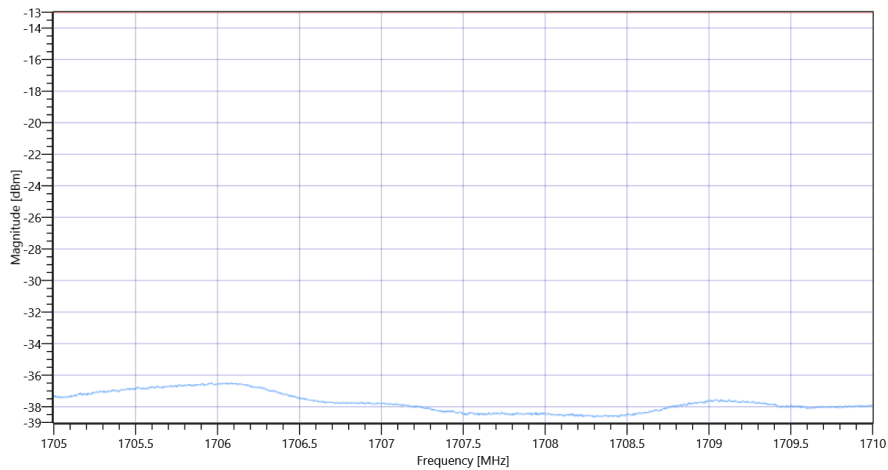
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.08 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-35.14	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-35.57	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-35.52	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-34.52	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-34.17	dBm	PASS



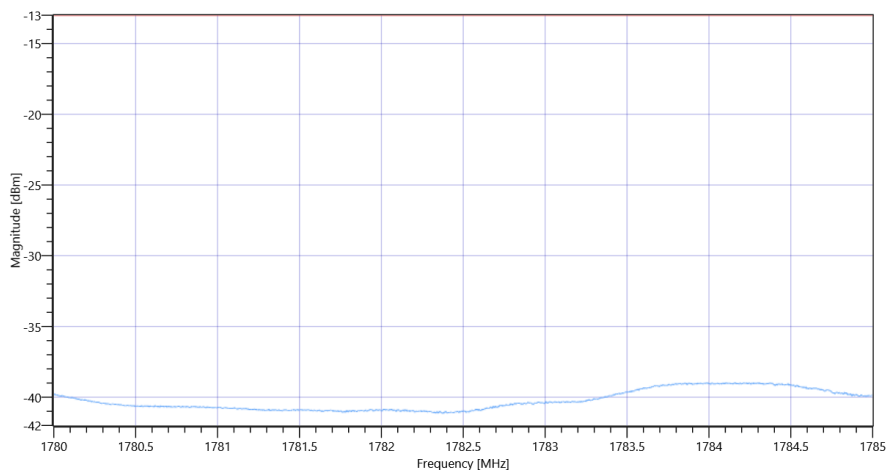
FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.08 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
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] 1780.5	---	-13	-37.74	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-38.17	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-38.08	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-36.91	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-36.57	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

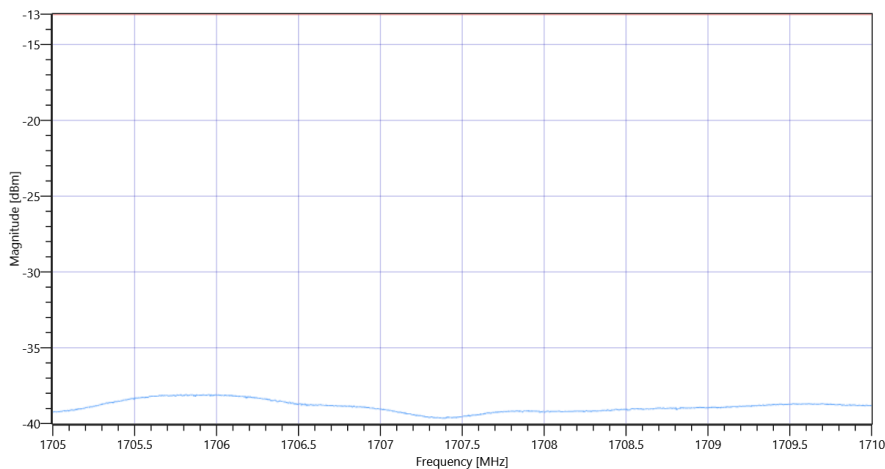
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.07 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-36.06	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-36.34	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-36.61	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-35.86	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-35.75	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

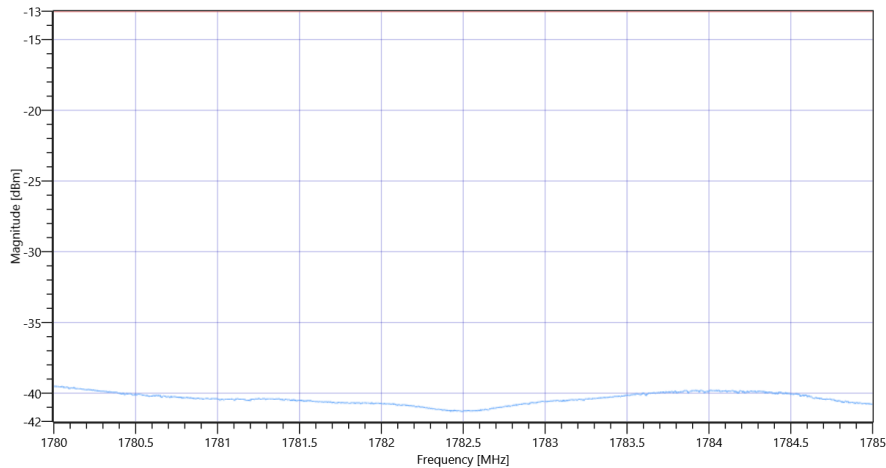
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.07 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-37.3	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-37.81	dBm	PASS

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1782.5	---	-13	-38.24	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-37.43	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-37.43	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

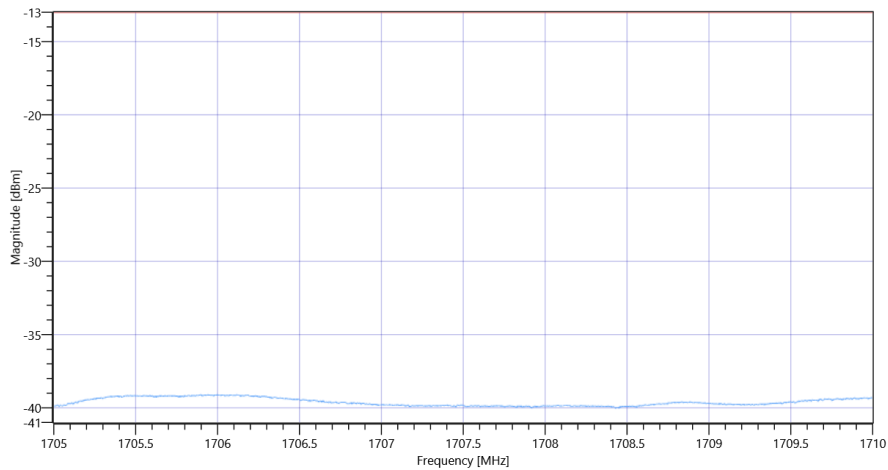
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.84 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-36.85	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-37.07	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-37.13	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-36.7	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-36.57	dBm	PASS



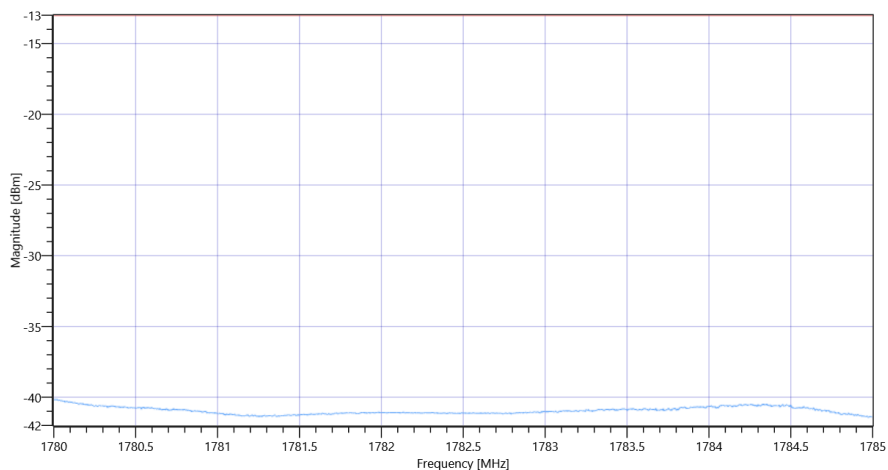
FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.84 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
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] 1780.5	---	-13	-37.98	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-38.48	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-38.37	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-38.14	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-38.07	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 10:40:40
Ambit Temp [°C] Humidity [rel%]	26.1 48
System Version	3.2.0.2
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge 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

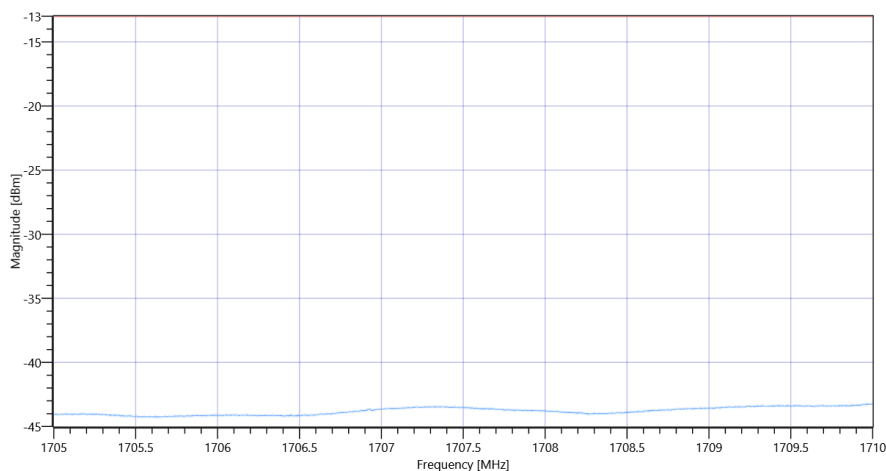
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.10 0 30
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-40.68	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-41.08	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-40.86	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-41.29	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-41.4	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

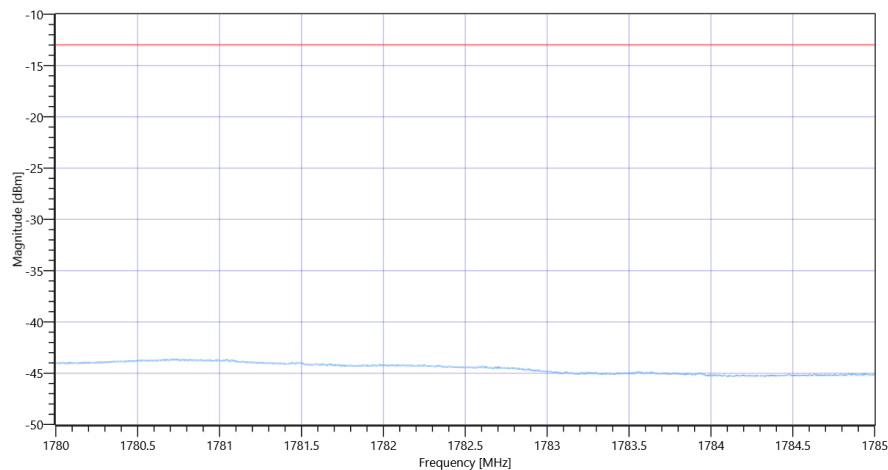
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.10 0 30
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-41.1	dBm	PASS

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1781.5	---	-13	-41.34	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-41.69	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-42.29	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-42.47	dBm	PASS



FCC, ISSED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 10:14:58
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 Block edge 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

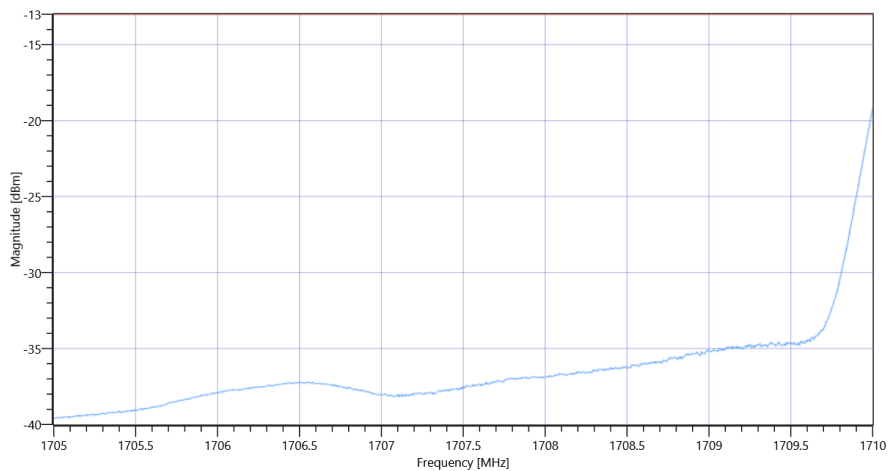
Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.79 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-26.61	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-33.37	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-34.77	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-34.81	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-36.15	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

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

READ SA SETTINGS:

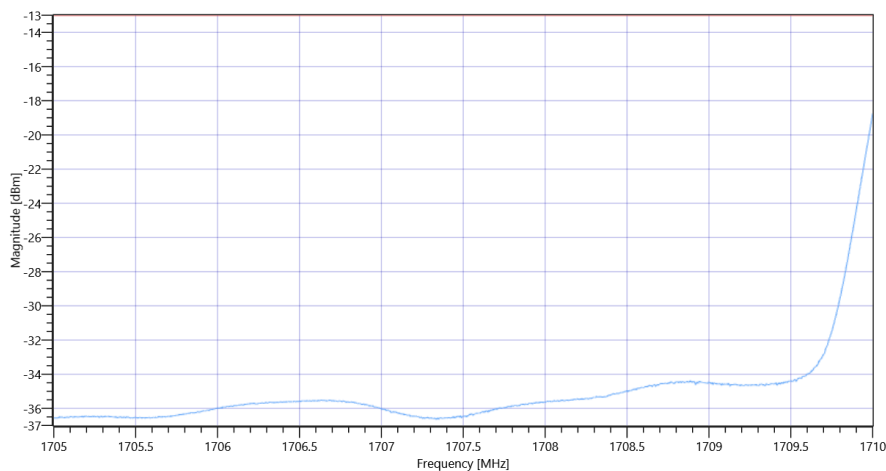
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.90 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.500000 2.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

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

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1710.5	---	-13	-26.09	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-32.24	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-33.46	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-32.96	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-33.7	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

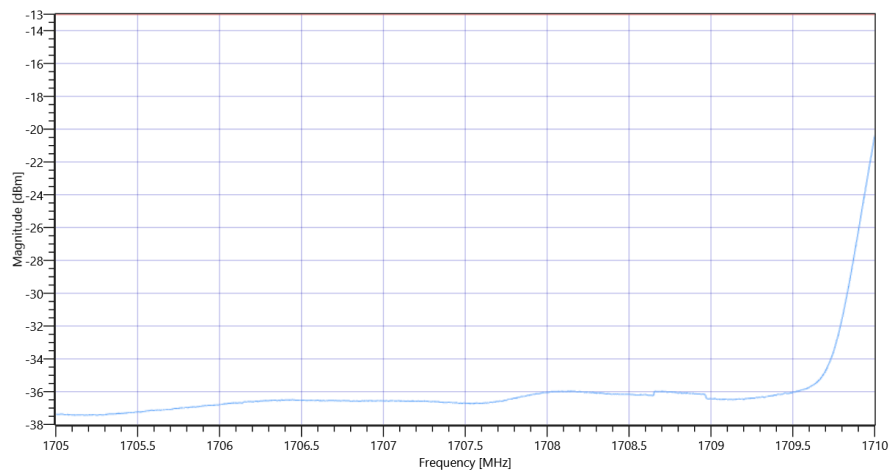
Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.21 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-27.86	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-33.36	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-33.79	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-33.84	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-34.45	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

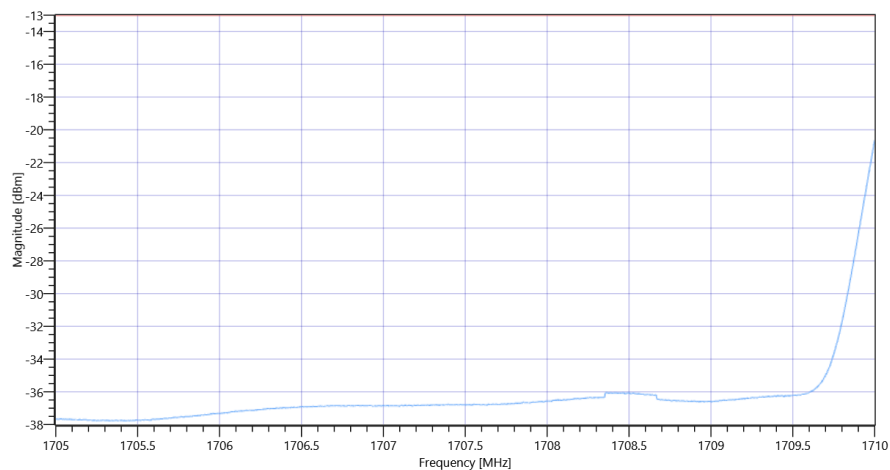
Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.23 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-28.03	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-33.63	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-34.03	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-34.24	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-34.9	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 09:57:24
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 Block edge 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

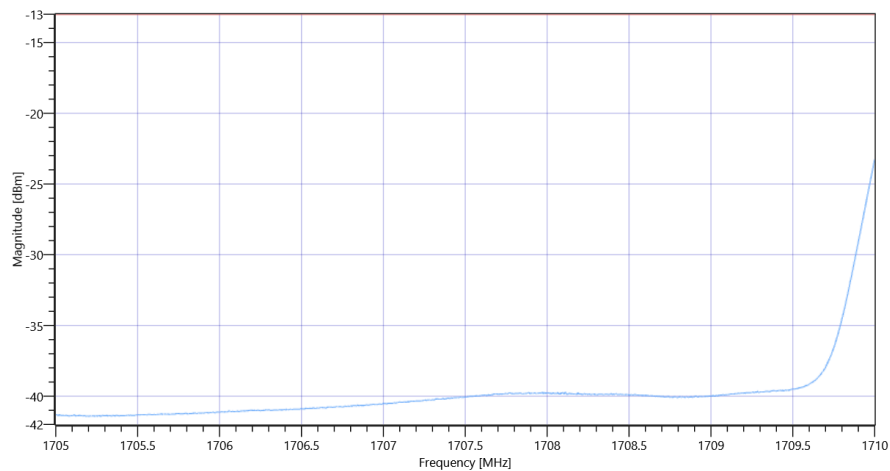
Test freq: low, UL[MHz]/CH 1730/0, CBW [MHz]: 40, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.79 0 30
Start [MHz] Stop [MHz]	1705.000 1710.000
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] 1710.5	---	-13	-30.84	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-37.19	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-37.34	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-38.13	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-38.57	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 08:51:45
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 Block edge 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

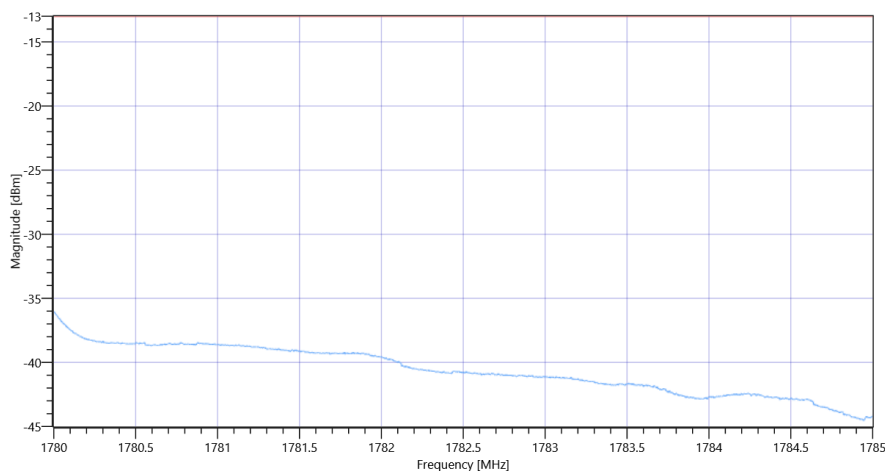
Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.91 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-33.29	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-34.12	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-35.73	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-36.87	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-38.14	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

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

READ SA SETTINGS:

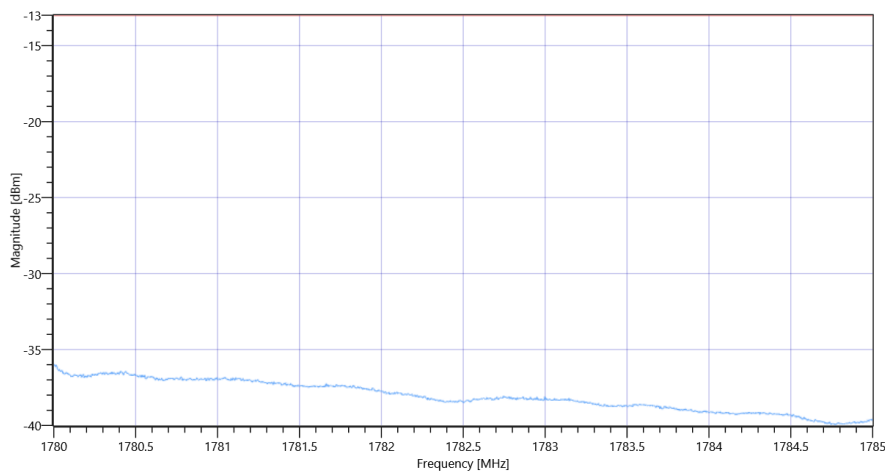
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.36 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

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

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1780.5	---	-13	-31.79	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-32.34	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-33.24	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-33.72	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-34.5	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

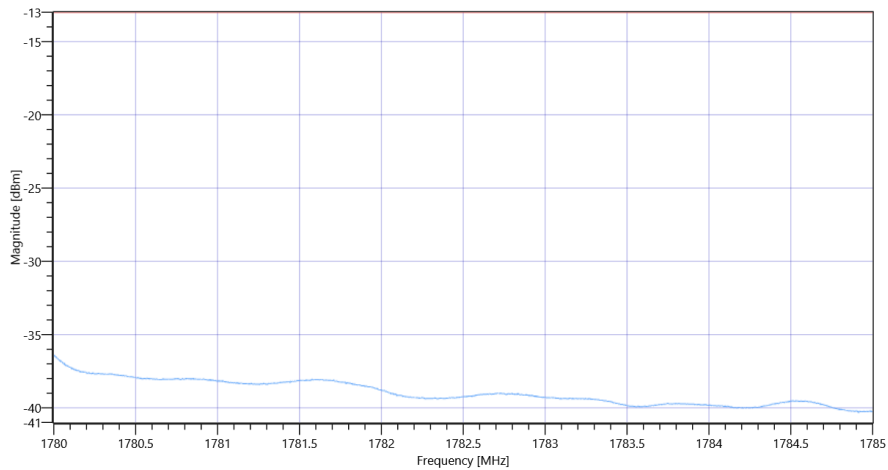
Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.64 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-32.8	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-33.34	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-34.22	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-34.67	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-34.93	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

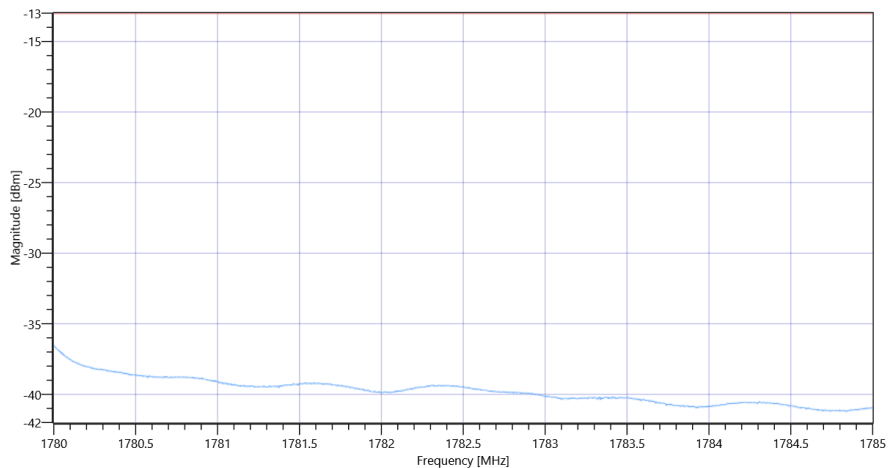
Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.51 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-33.41	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-34.45	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-34.73	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-35.49	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-35.9	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 08:29:56
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 Block edge 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

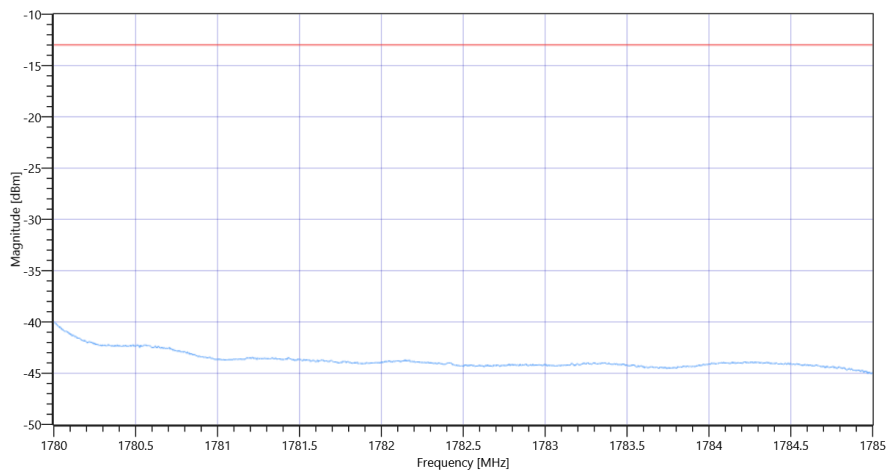
Test freq: high, UL[MHz]/CH 1765/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.41 0 30
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-37.3	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-38.8	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-39.15	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-39.29	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-39.27	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 07:12:49
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 Block edge 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

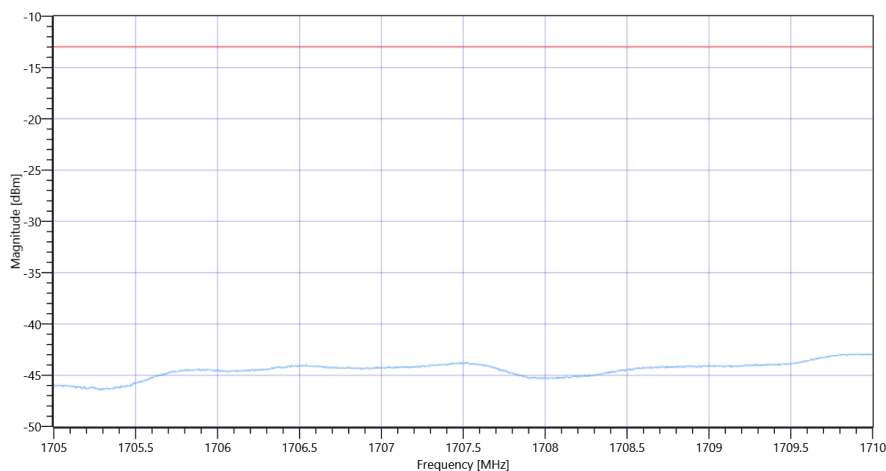
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.61 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-38.67	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-39.63	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-39.36	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-39.37	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-40.48	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

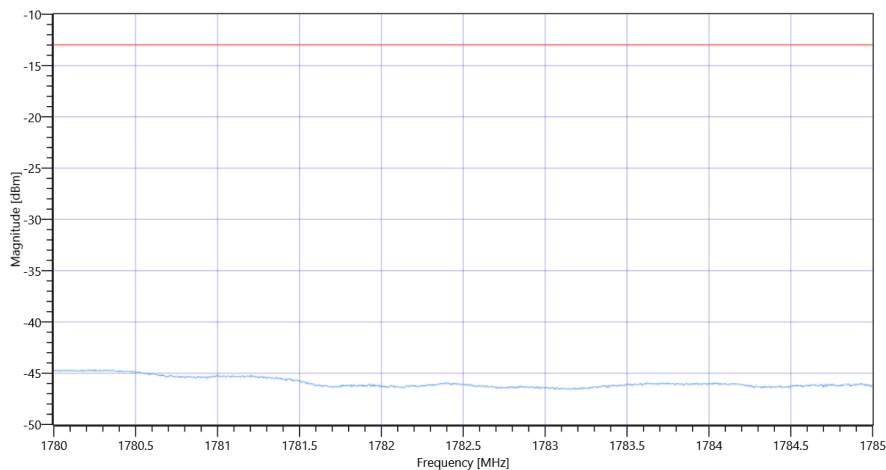
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.61 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-40.05	dBm	PASS

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1781.5	---	-13	-40.83	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-41.3	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-41.26	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-41.23	dBm	PASS



FCC, ISSED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

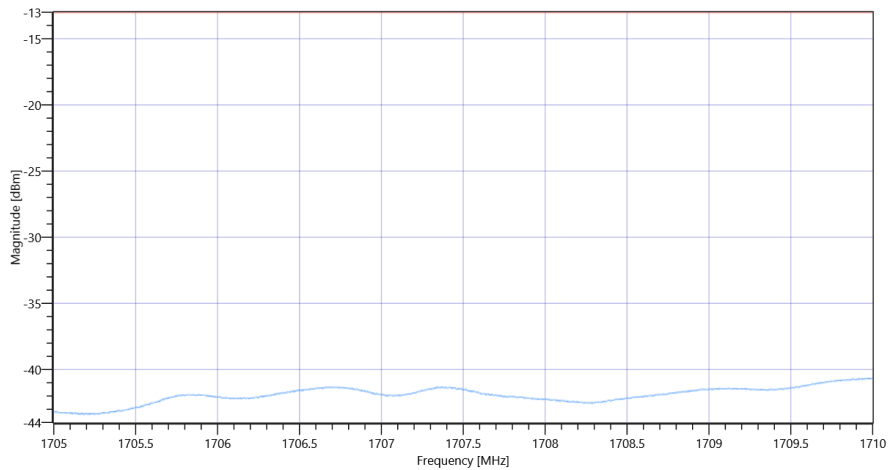
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: QPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.81 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-36.25	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-37.13	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-36.84	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-36.79	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-37.72	dBm	PASS



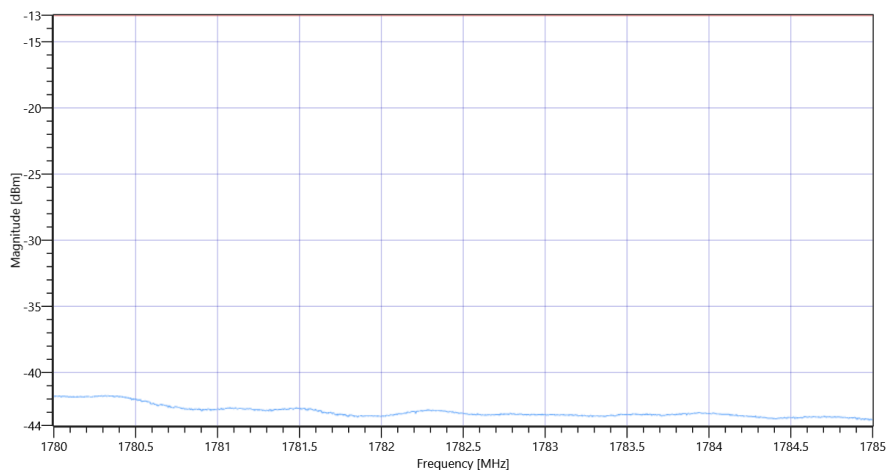
FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.81 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-37.22	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-37.97	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-38.14	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-38.24	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-38.4	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

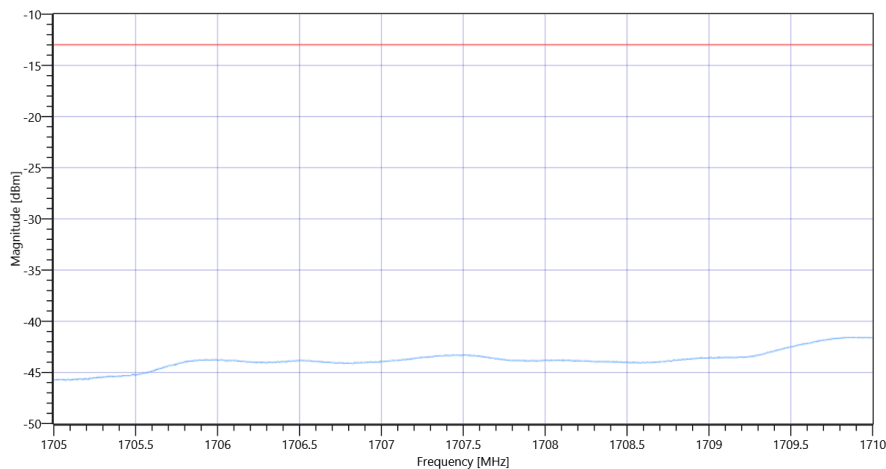
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.39 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-37.54	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-38.92	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-38.66	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-39.01	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-39.91	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

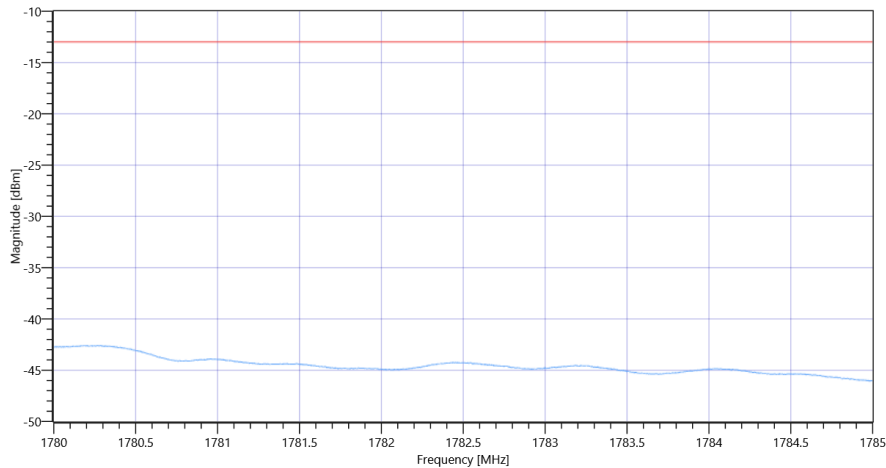
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.39 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-38.27	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-39.54	dBm	PASS

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1782.5	---	-13	-39.66	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-40.01	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-40.44	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

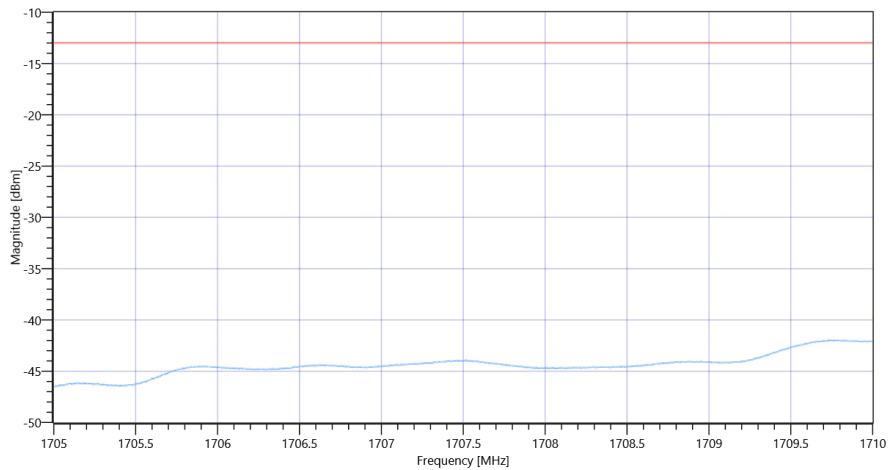
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.02 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-37.9	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-39.48	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-39.34	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-39.68	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-40.7	dBm	PASS



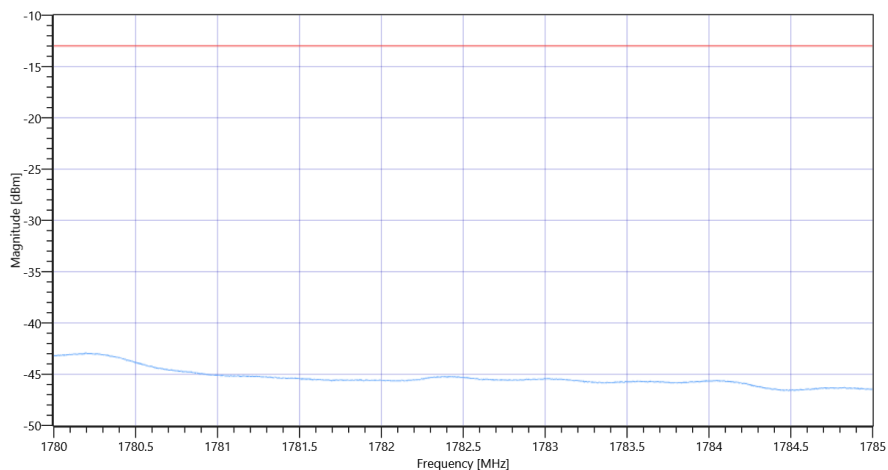
FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.02 0 35
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-38.89	dBm	PASS
Frequency [MHz] 1781.5	---	-13	-40.45	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-40.52	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-40.76	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-41.28	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	30.06.2022 06:54:50
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 Block edge 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

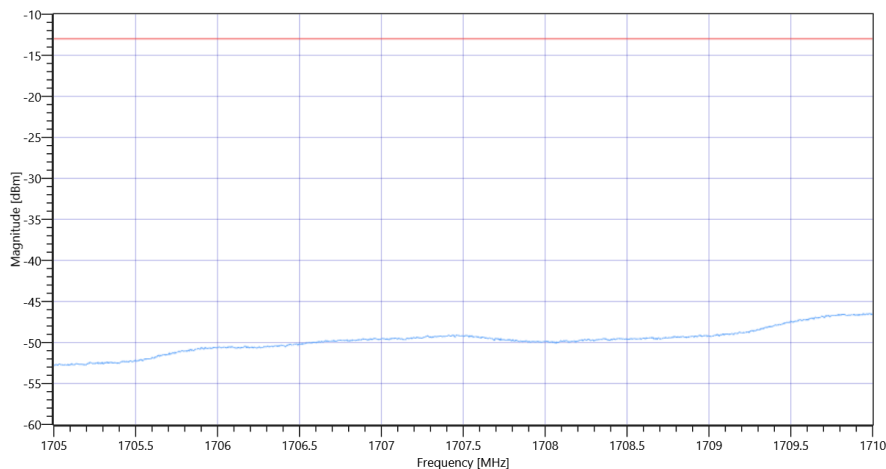
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.42 0 30
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-42.64	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-44.62	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-44.55	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-45.19	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-46.91	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

READ SA SETTINGS:

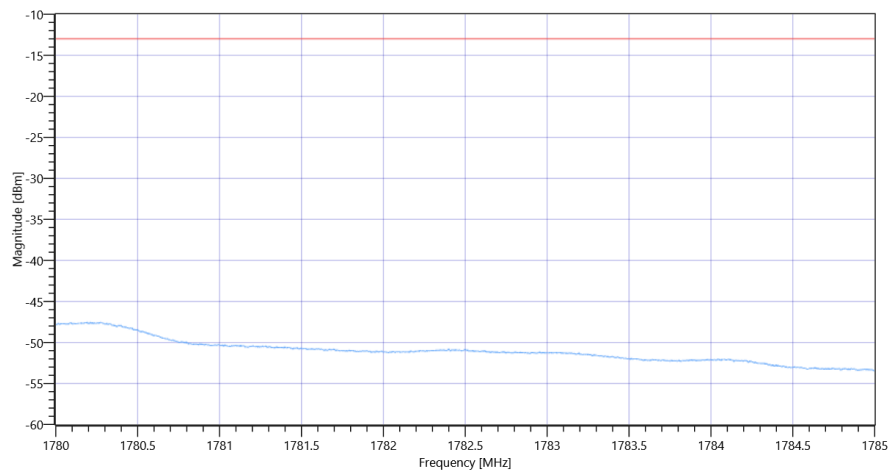
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.42 0 30
Start [MHz] Stop [MHz]	1780.000 1785.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1780.5	---	-13	-43.7	dBm	PASS

RESULT upper band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1781.5	---	-13	-45.79	dBm	PASS
Frequency [MHz] 1782.5	---	-13	-46.16	dBm	PASS
Frequency [MHz] 1783.5	---	-13	-46.88	dBm	PASS
Frequency [MHz] 1784.5	---	-13	-47.87	dBm	PASS



FCC, ISSED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	29.06.2022 22:35:27
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 Block edge 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

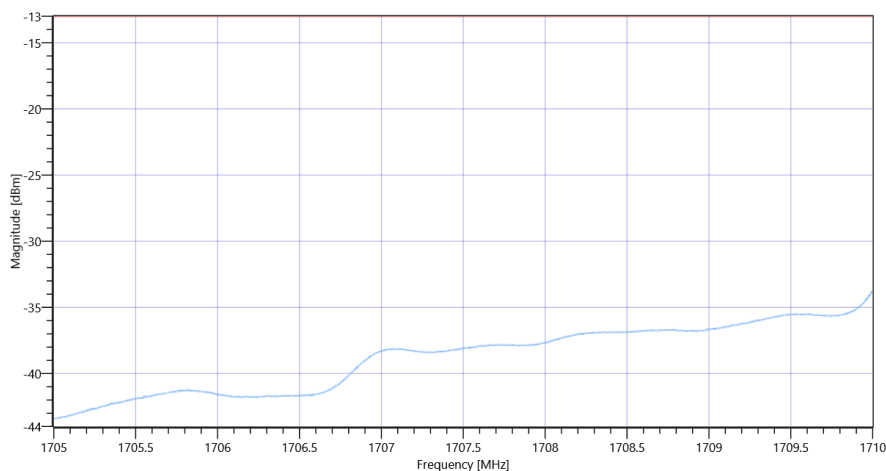
Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.28 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-30.72	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-31.96	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-33.11	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-35.95	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-37.07	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

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

READ SA SETTINGS:

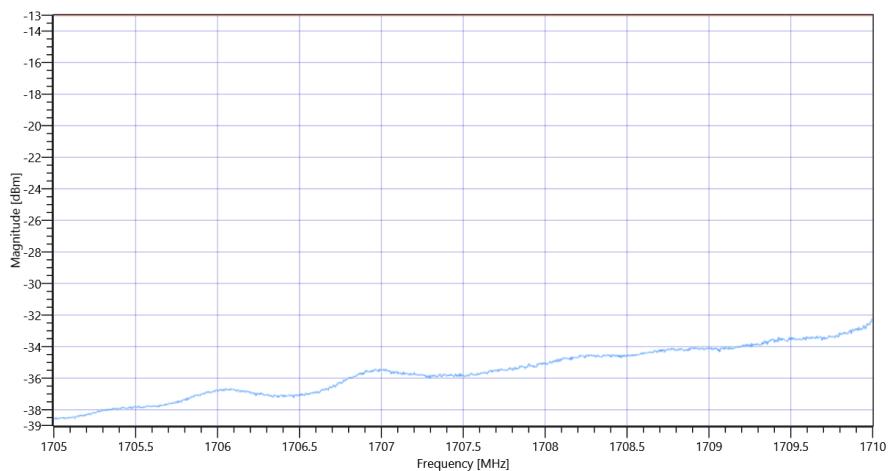
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.48 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

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

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 1710.5	---	-13	-28.58	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-29.52	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-30.65	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-31.63	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-32.83	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

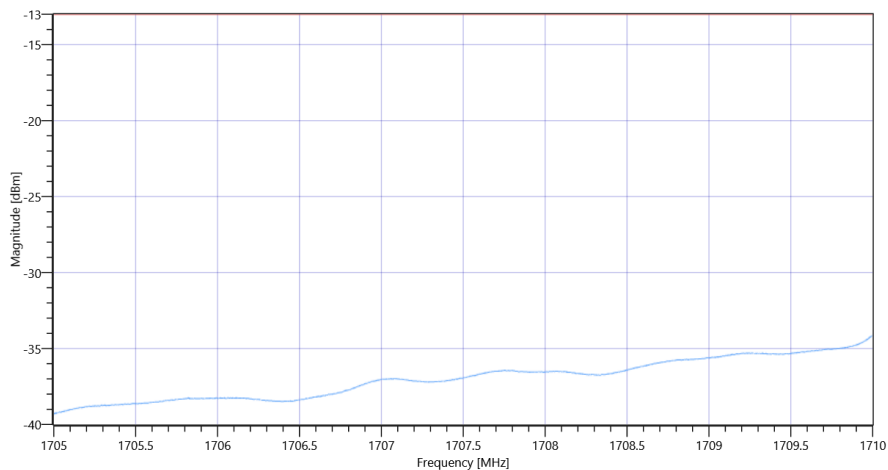
Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.70 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-30.21	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-31.29	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-31.87	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-33.1	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-33.66	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

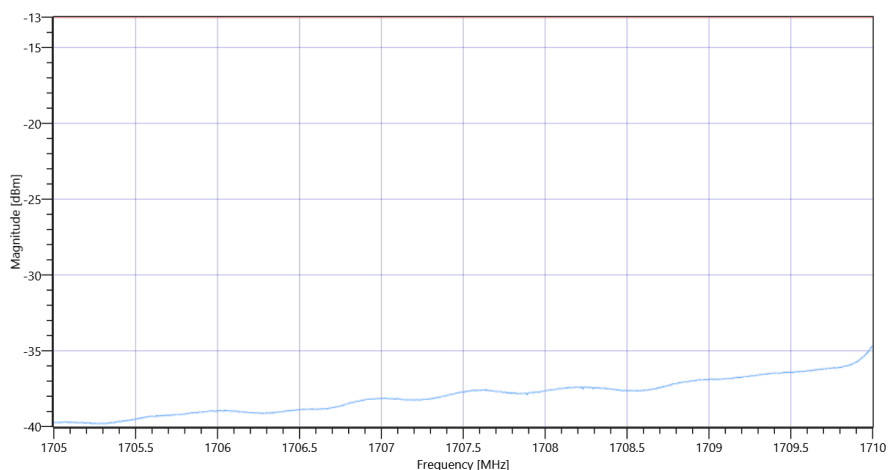
Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.27 0 35
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-31.35	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-32.43	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-32.94	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-33.83	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-34.49	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

Test References

TC Start	29.06.2022 22:17:35
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 Block edge 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

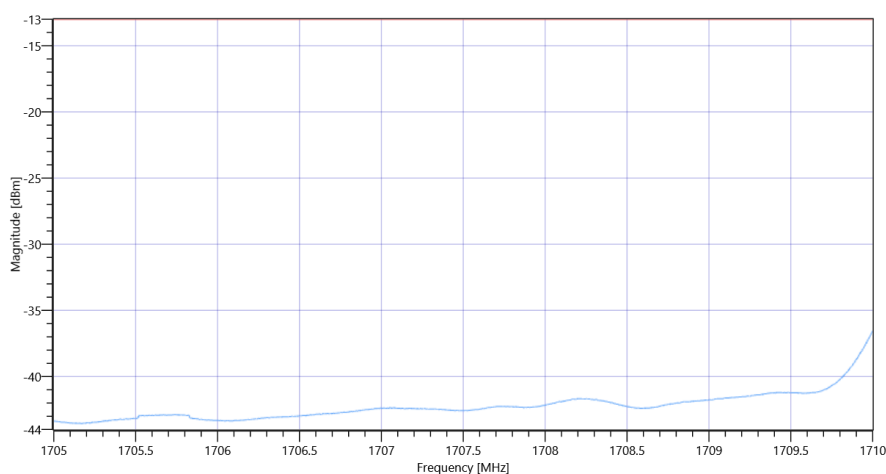
Test freq: low, UL[MHz]/CH 1725/0, CBW [MHz]: 30, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.88 0 30
Start [MHz] Stop [MHz]	1705.000 1710.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 1710.5	---	-13	-35.59	dBm	PASS
Frequency [MHz] 1711.5	---	-13	-37.04	dBm	PASS
Frequency [MHz] 1712.5	---	-13	-37.45	dBm	PASS
Frequency [MHz] 1713.5	---	-13	-37.98	dBm	PASS
Frequency [MHz] 1714.5	---	-13	-38.25	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_66 Ant-1 SCS-15

General verdict

PASS

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

Test References

TC Start	13.07.2022 09:33:06
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 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]: 15

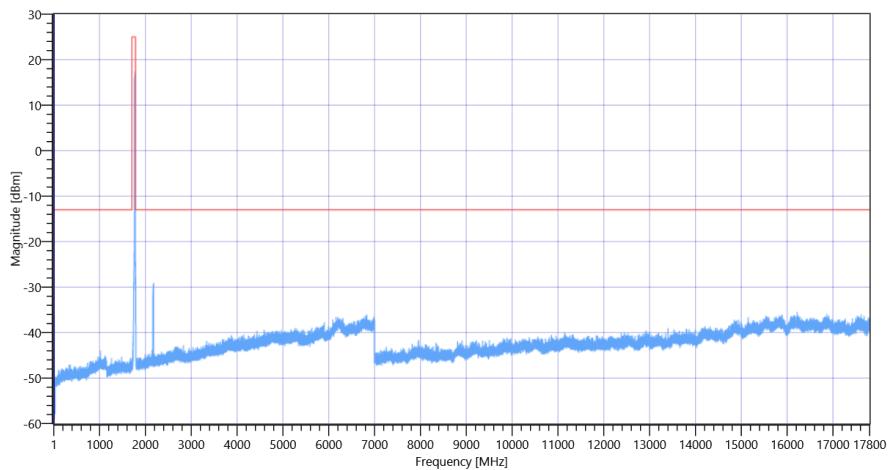
Test freq: high, UL[MHz]/CH 1772.5/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

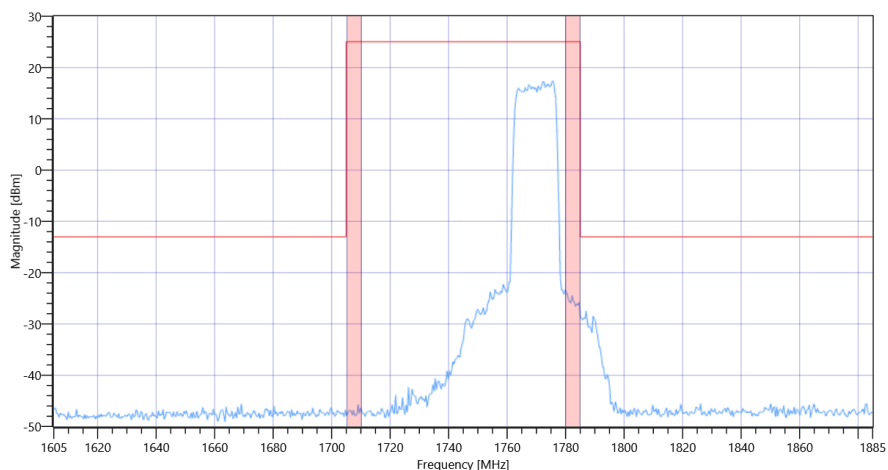
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.50 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: high, UL[MHz]/CH 1772.5/0, CBW [MHz]: 15, 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 1772.5 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1772.5

General verdict

PASS

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

Test References

TC Start	13.07.2022 09:19:10
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 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]: 15

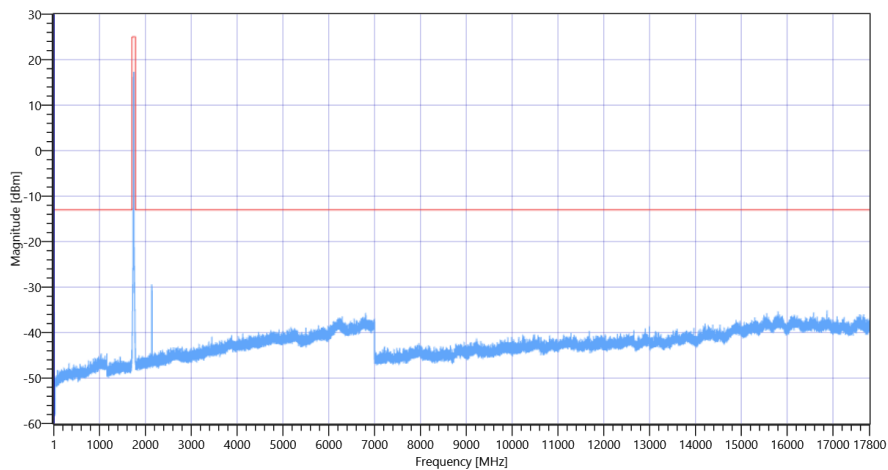
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

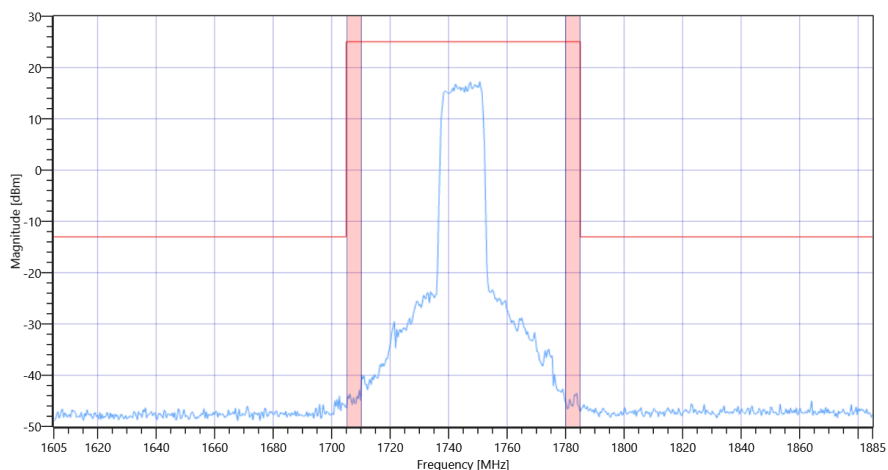
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.52 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 15, 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	13.07.2022 09:08:29
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 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]: 15

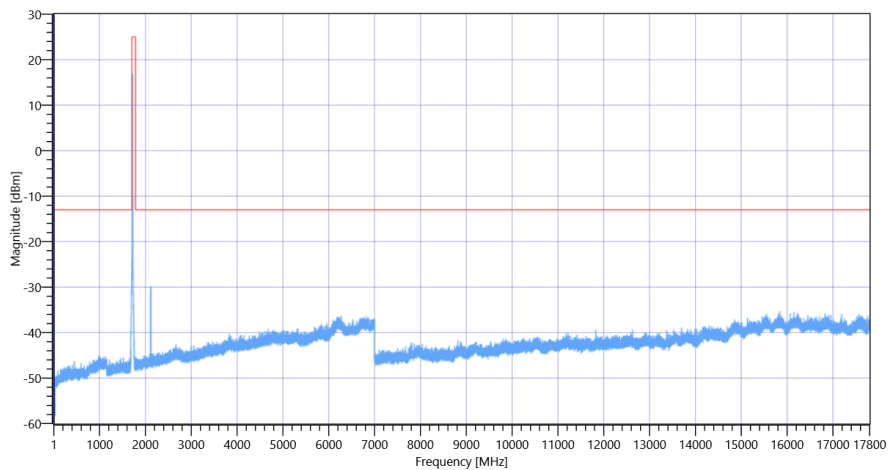
Test freq: low, UL[MHz]/CH 1717.5/0, CBW [MHz]: 15, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

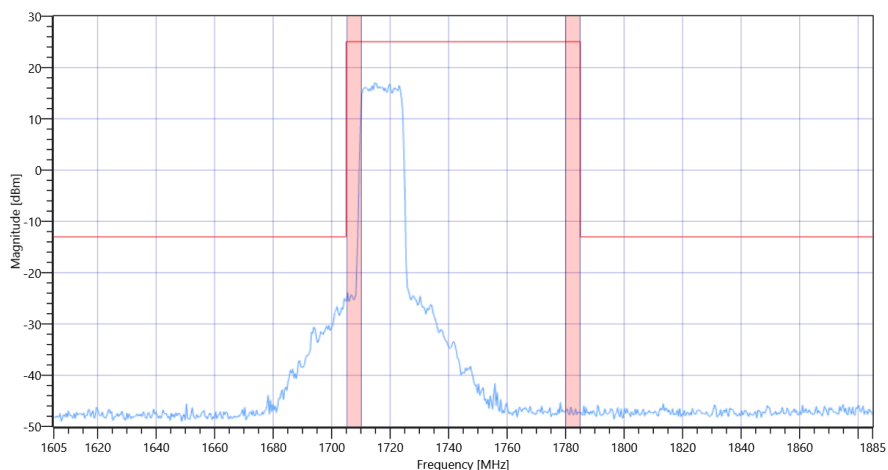
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.32 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: low, UL[MHz]/CH 1717.5/0, CBW [MHz]: 15, 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 1717.5 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1717.5

General verdict

PASS

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

Test References

TC Start	11.07.2022 18:17:00
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 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]: 20

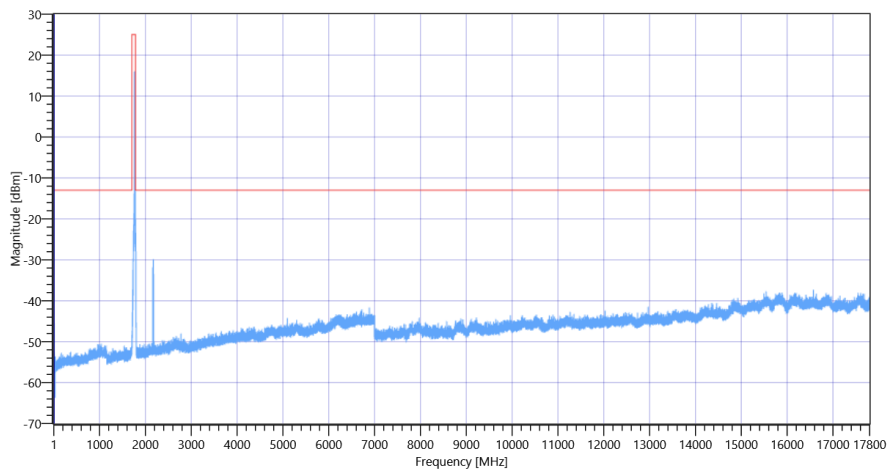
Test freq: high, UL[MHz]/CH 1770/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

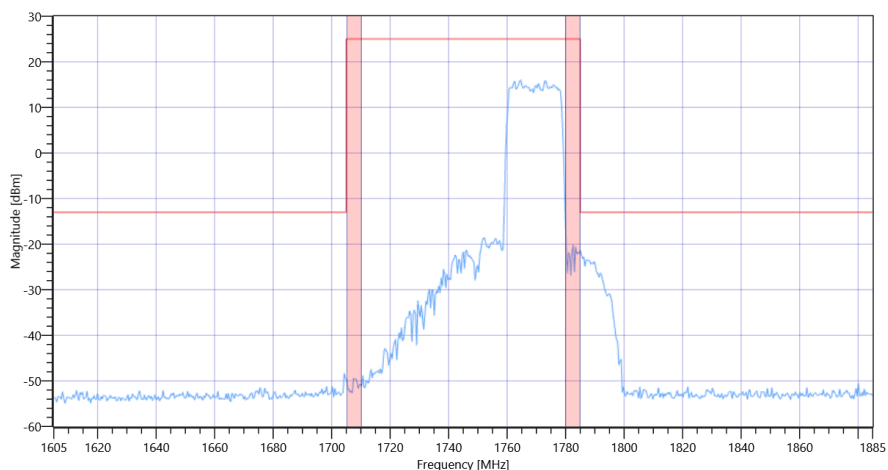
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.93 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

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

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1770 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1770

General verdict

PASS

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

Test References

TC Start	11.07.2022 18:08:51
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 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]: 10

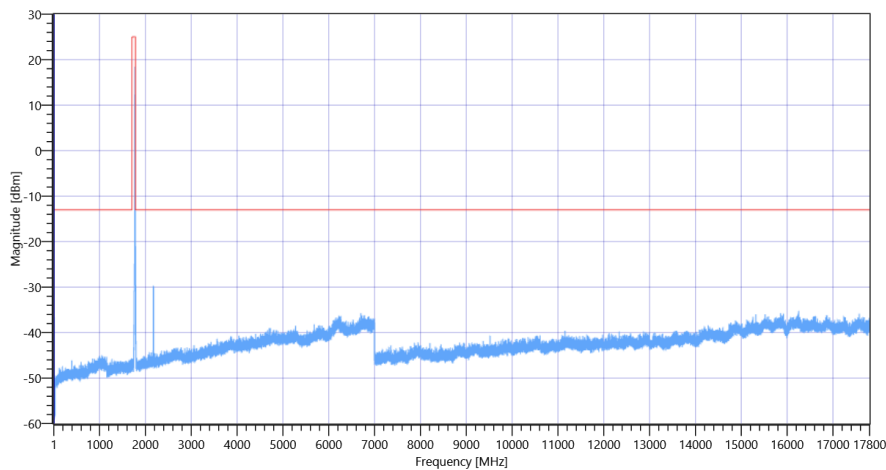
Test freq: high, UL[MHz]/CH 1775/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

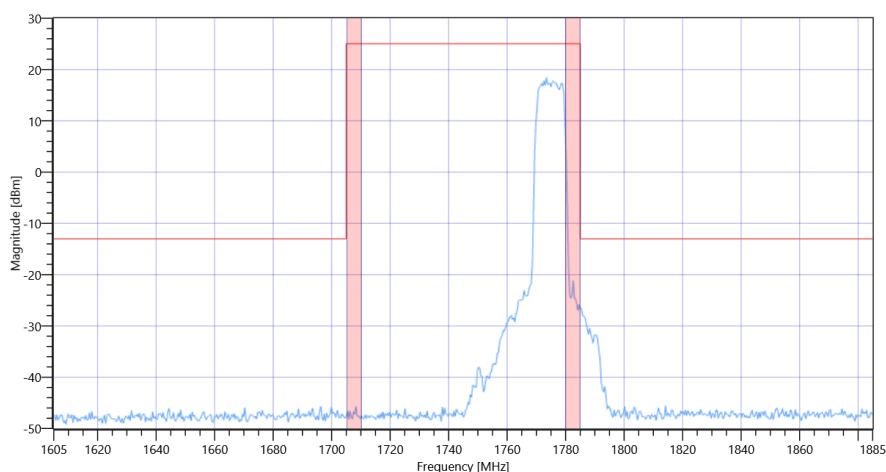
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.10 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

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

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1775 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1775

General verdict

PASS

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

Test References

TC Start	11.07.2022 17:59:41
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 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]: 5

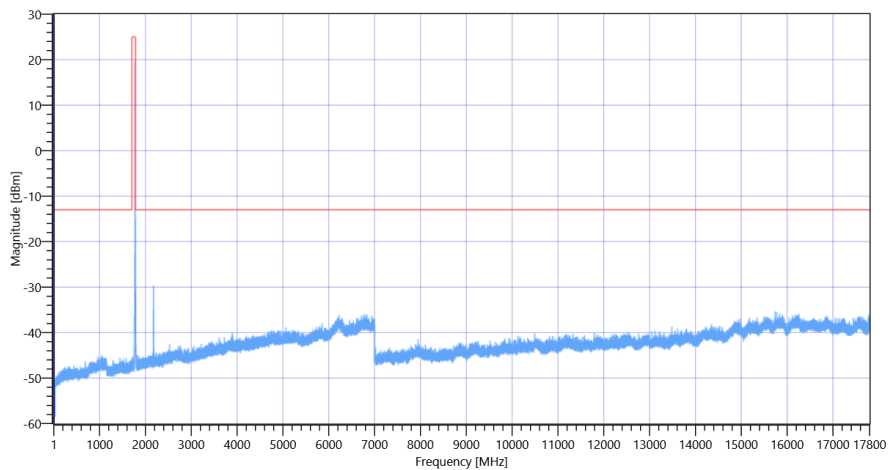
Test freq: high, UL[MHz]/CH 1777.5/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

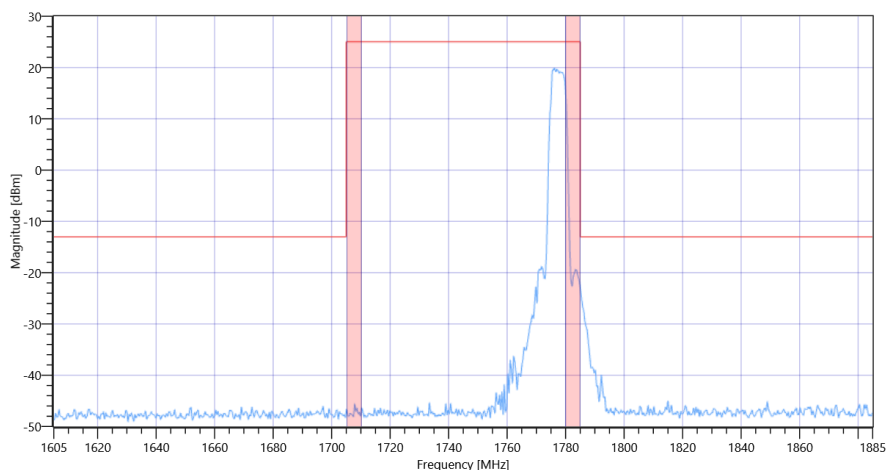
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.55 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: high, UL[MHz]/CH 1777.5/0, CBW [MHz]: 5, 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 1777.5 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1777.5

General verdict

PASS

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

Test References

TC Start	11.07.2022 17:49:07
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 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]: 20

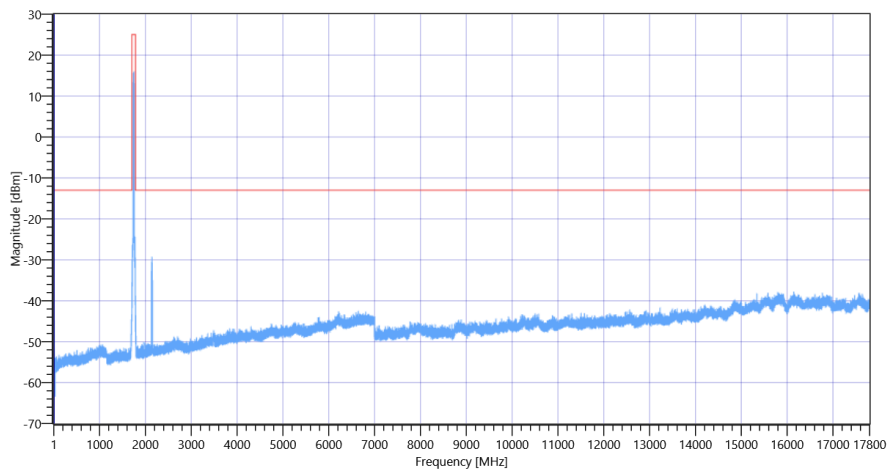
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

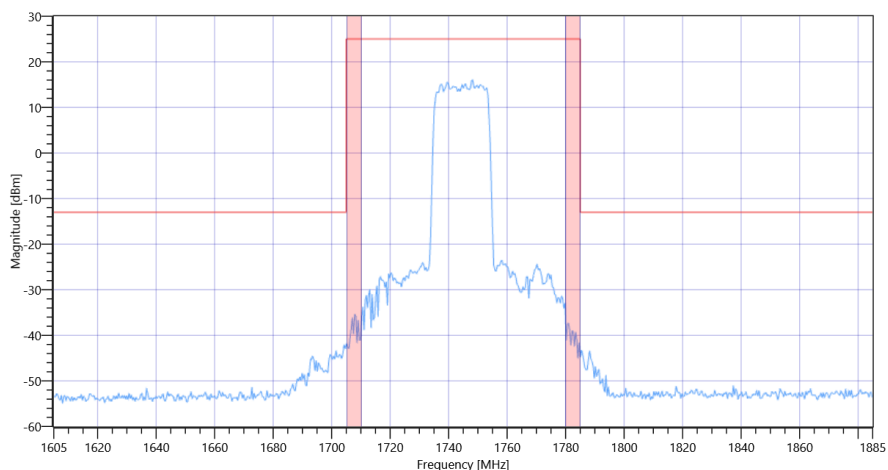
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.66 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

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

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



FCC, ISED # TX Emissions conducted ~ NR Band_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	11.07.2022 17:42:31
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 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]: 10

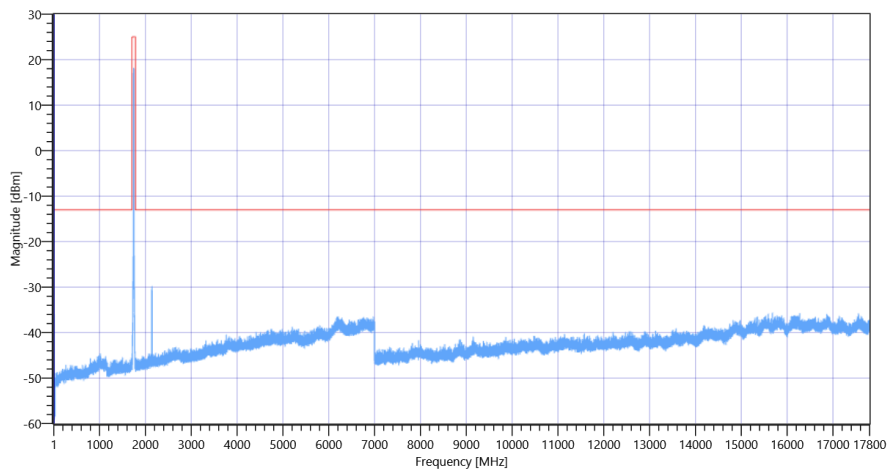
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

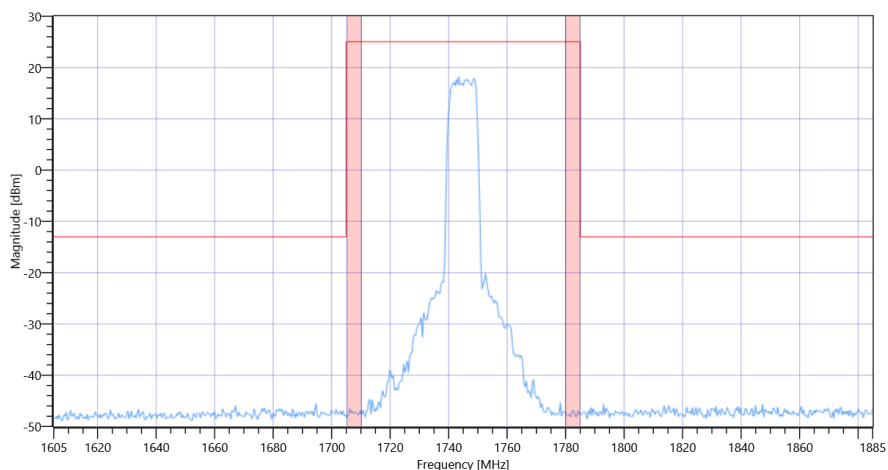
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.00 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

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

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



FCC, ISED # TX Emissions conducted ~ NR Band_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	11.07.2022 17:37:00
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 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]: 5

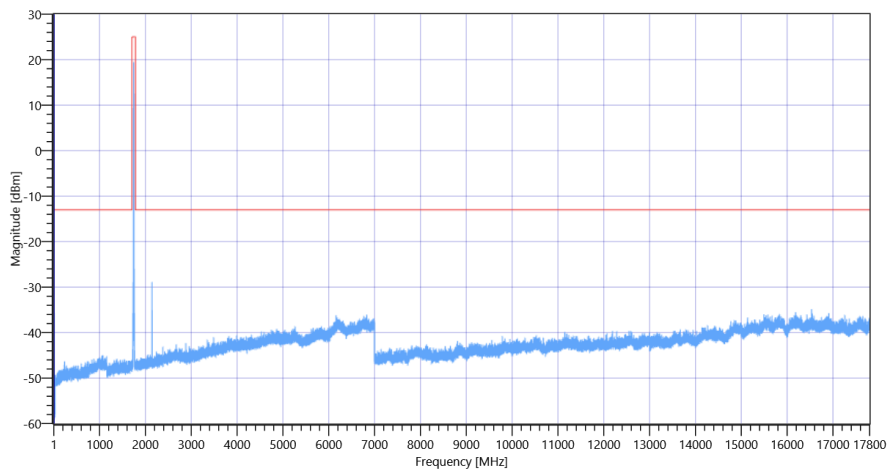
Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

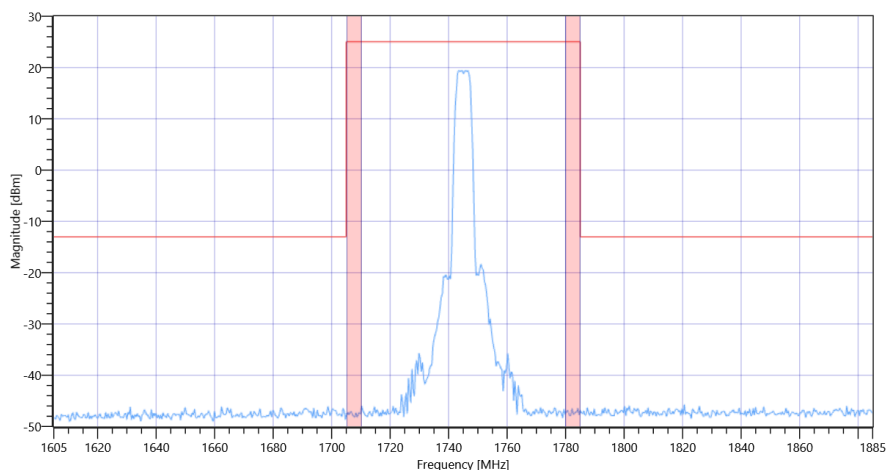
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.43 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: mid, UL[MHz]/CH 1745/0, CBW [MHz]: 5, 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	11.07.2022 17:28:31
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 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]: 20

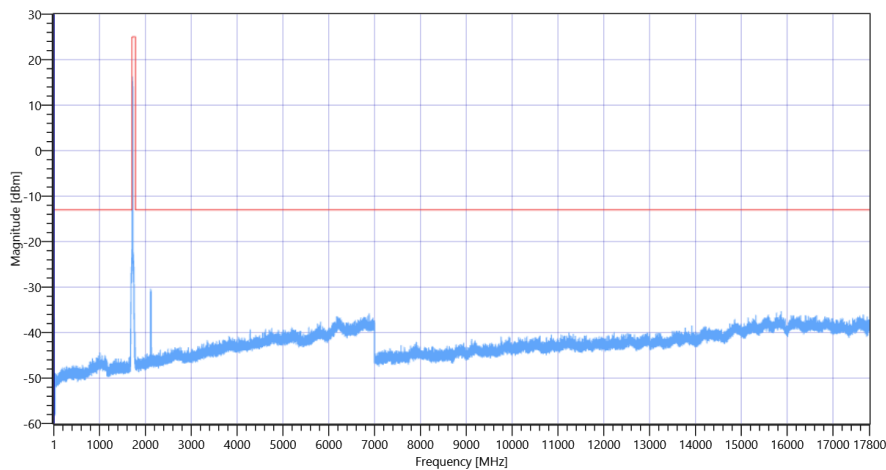
Test freq: low, UL[MHz]/CH 1720/0, CBW [MHz]: 20, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

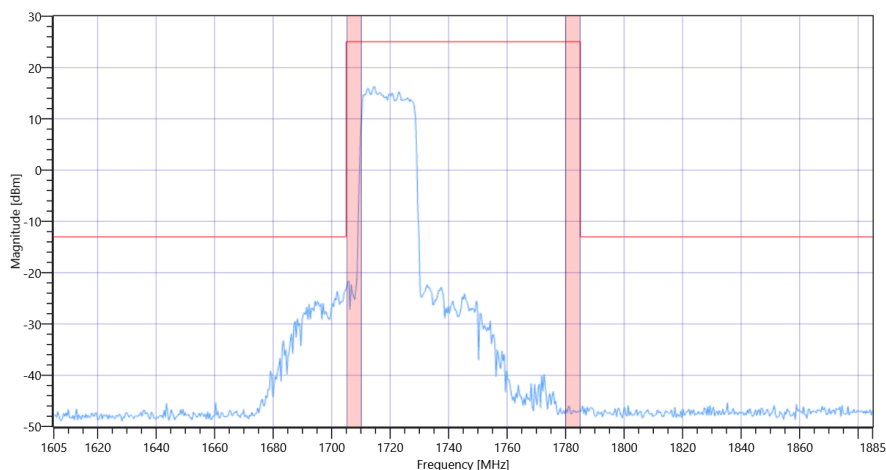
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.09 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

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

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1720 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1720

General verdict

PASS

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

Test References

TC Start	11.07.2022 17:18:16
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 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]: 10

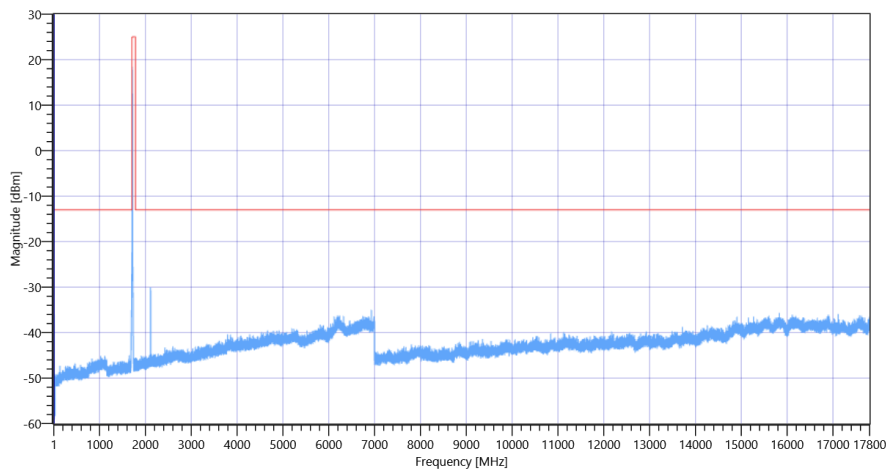
Test freq: low, UL[MHz]/CH 1715/0, CBW [MHz]: 10, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

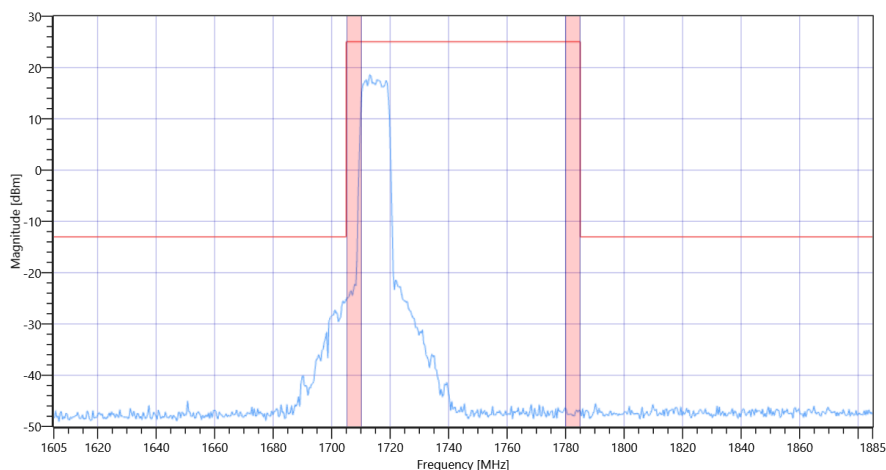
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.22 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

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

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



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1715 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1715

General verdict

PASS

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

Test References

TC Start	11.07.2022 16:33:50
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 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]: 5

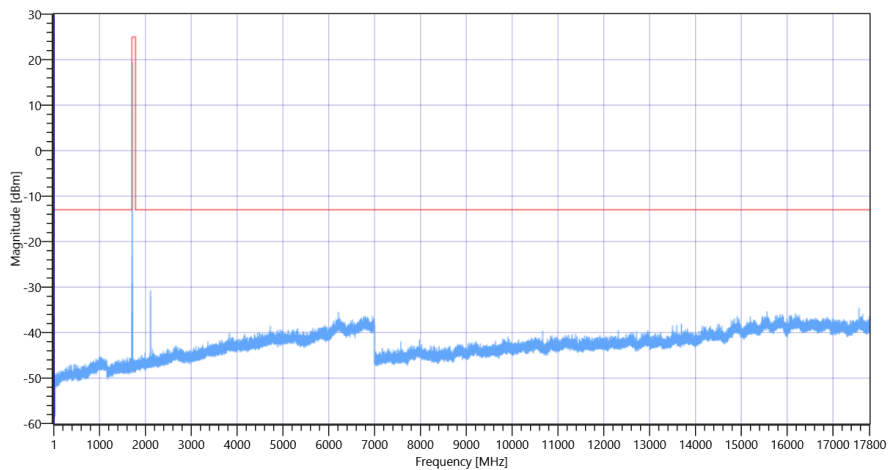
Test freq: low, UL[MHz]/CH 1712.5/0, CBW [MHz]: 5, RB_100PCT, Mod: 256QAM

READ SA SETTINGS:

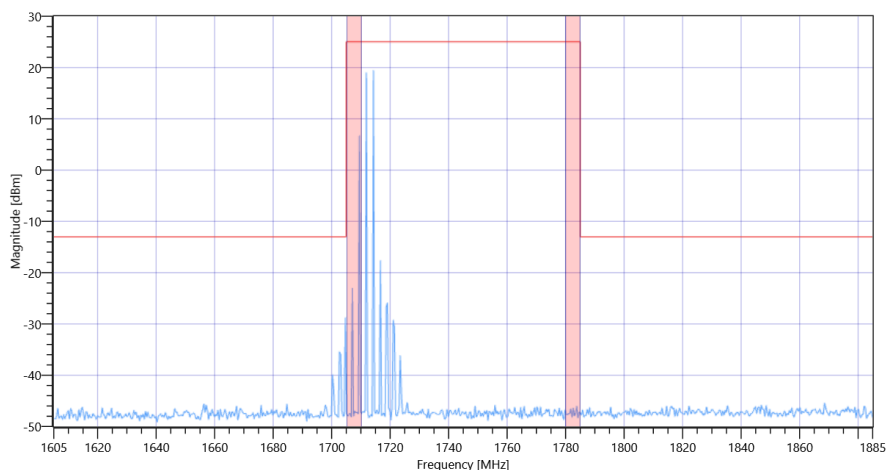
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.15 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: low, UL[MHz]/CH 1712.5/0, CBW [MHz]: 5, 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 1712.5 MHz



FCC, ISED # TX Emissions conducted ~ NR Band_66 Ant-1 SCS-15 1712.5

General verdict

PASS

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

Test References

TC Start	30.06.2022 11:42:11
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 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

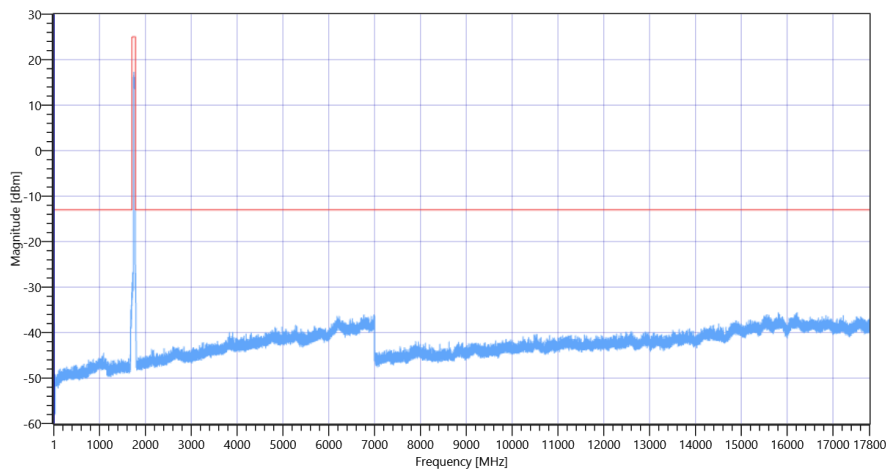
Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: BPSK

READ SA SETTINGS:

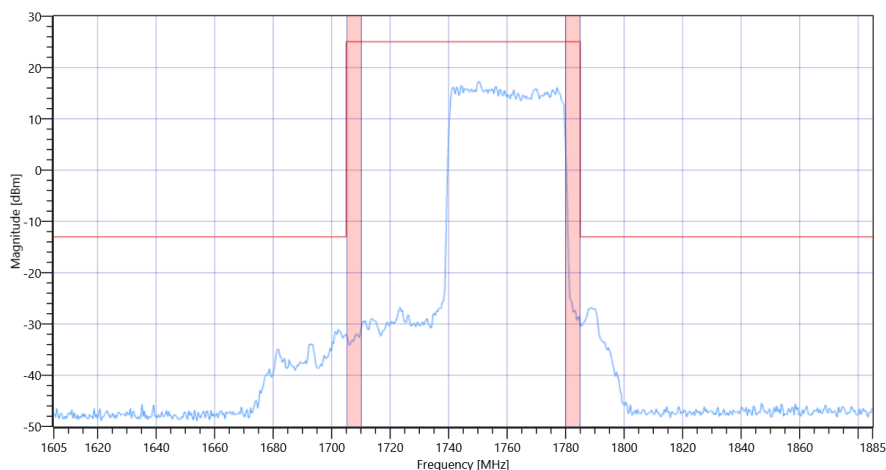
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.42 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: high, UL[MHz]/CH 1760/0, 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 1760 MHz



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

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

READ SA SETTINGS:

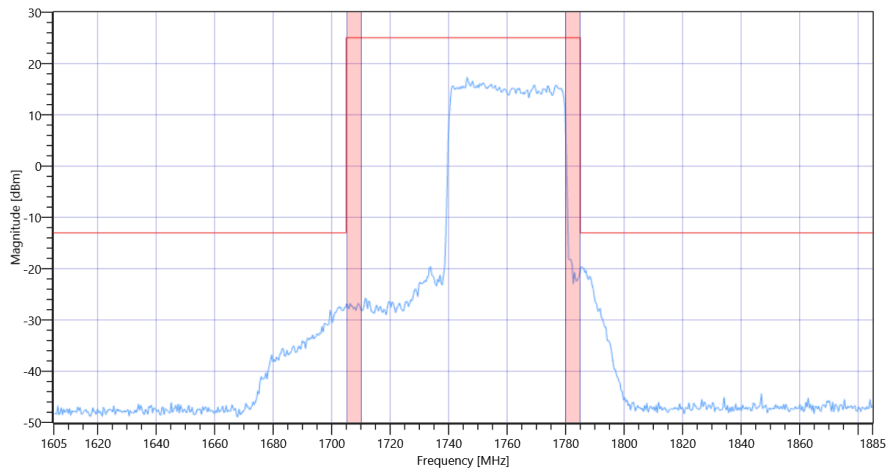
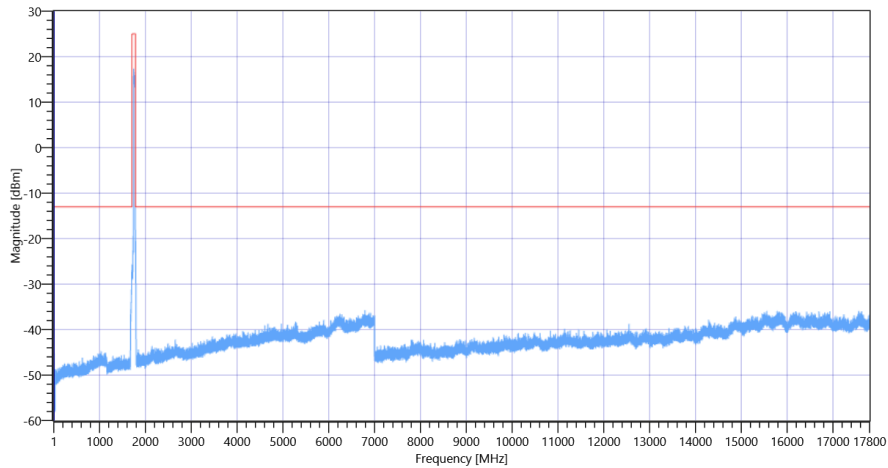
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.07 0 25
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000

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 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: QPSK

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



Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

READ SA SETTINGS:

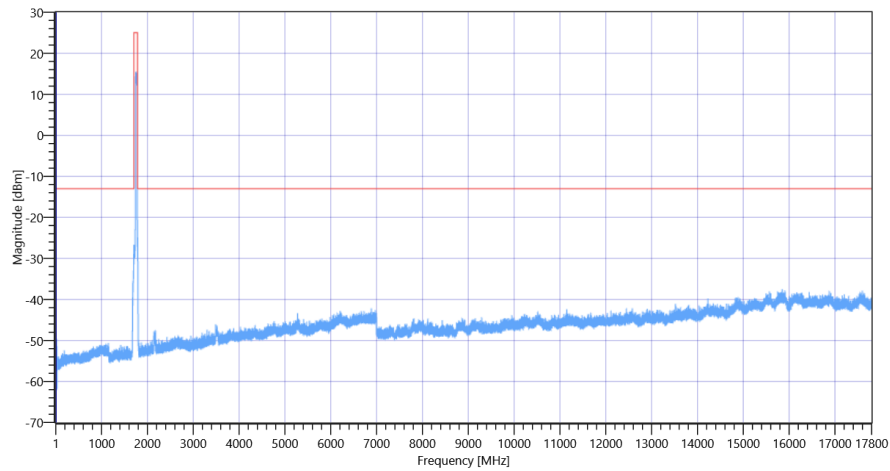
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.19 0 20
Start [MHz] Stop [MHz]	1.000 401.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1600 1 1001 SWE

RESULT Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

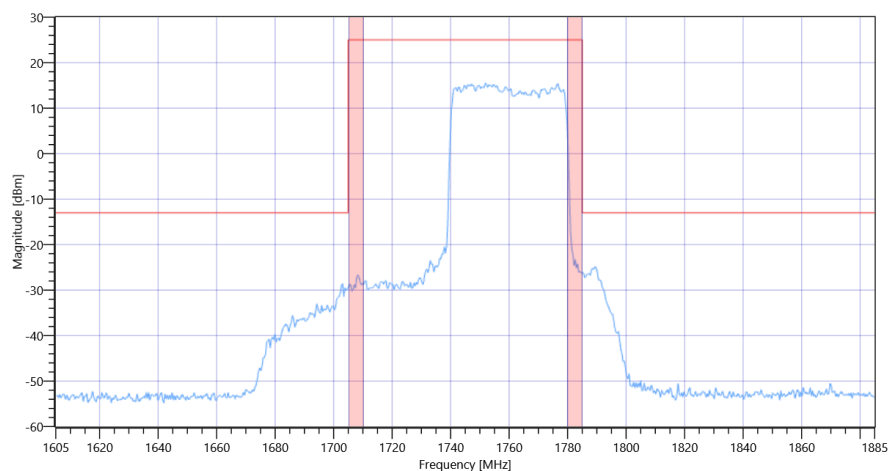
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
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RESULT Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 16QAM

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 1760 MHz



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

Test freq: high, UL[MHz]/CH 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.08 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 1760/0, CBW [MHz]: 40, RB_100PCT, Mod: 64QAM

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