

Measurement Results

No.1-3977/22-02-10_Annex_MR_A1

Test logging

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Test/s performed:

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Radio Communications

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FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	125
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FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15	250
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15	255
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15	260
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15	265
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FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15	275
FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	280
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FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	295
FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	300
FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	305
FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	310
FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	312
FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	314
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FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15	320

FCC, ISED # TX Emissions conducted ~ NR Band_71 Ant-1 SCS-15

324

EUT Information

EUT DEFINITION	
Manufacturer	Sagemcom Broadband SAS
Type	Fast 5688W
Serial Number	359509840012014
Setup Number	1.0
Version SW	SGJi10000C/SG520TMDAR01A02M4G_01.001.01.001_V03
Version FW	SGJi10000C/SG520TMDAR01A02M4G_01.001.01.001_V03
Version HW	NI
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 # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 15:10:27
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

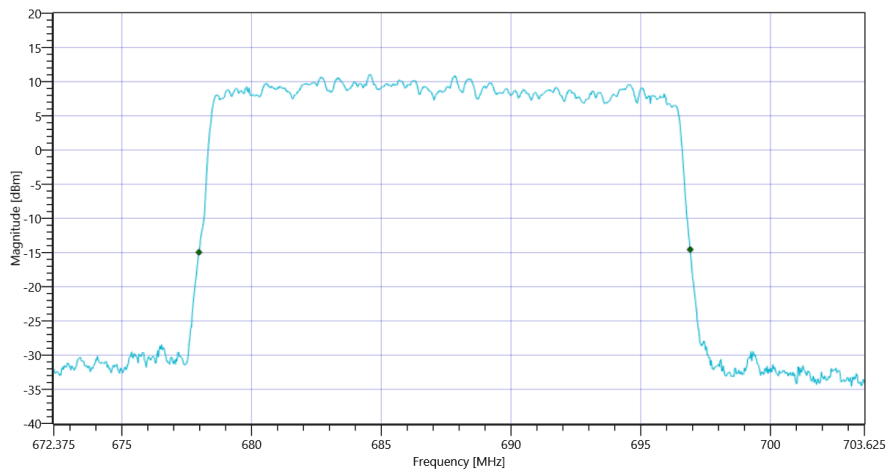
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.05	dBm	INFO
Ref. Frequency	---	---	686.100	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.05 0 35
Start [MHz] Stop [MHz]	672.375 703.625
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	---	---	18.938	MHz	INFO



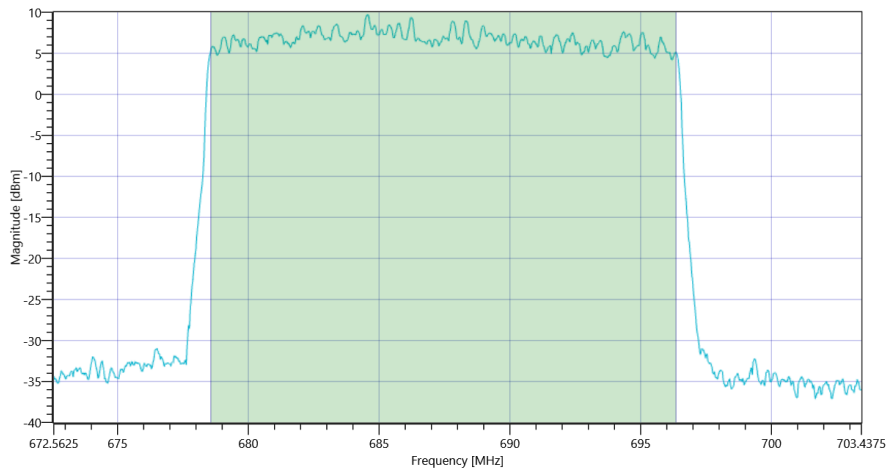
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.797	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.05 0 30
Start [MHz] Stop [MHz]	672.563 703.438
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 15:04:28
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

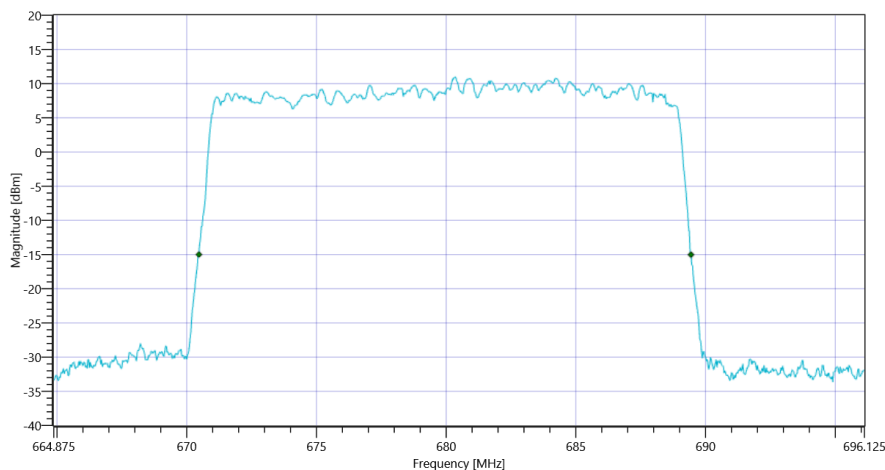
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.62	dBm	INFO
Ref. Frequency	---	---	684.100	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.62 0 35
Start [MHz] Stop [MHz]	664.875 696.125
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	---	---	18.969	MHz	INFO



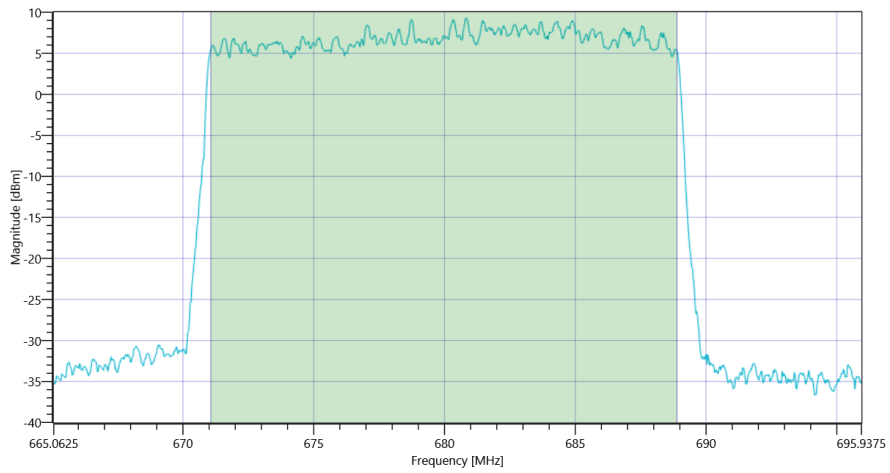
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.828	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.62 0 30
Start [MHz] Stop [MHz]	665.063 695.938
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 14:59:21
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

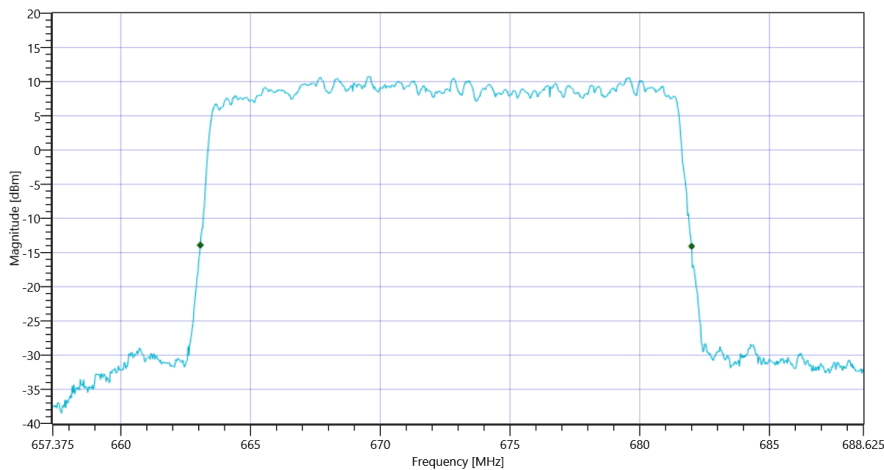
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.03	dBm	INFO
Ref. Frequency	---	---	667.210	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.03 0 35
Start [MHz] Stop [MHz]	657.375 688.625
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	---	---	18.938	MHz	INFO



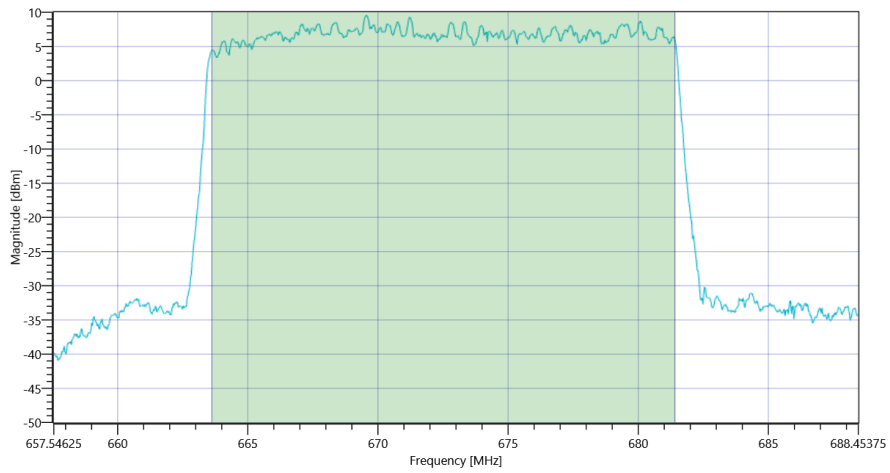
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.785	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.03 0 30
Start [MHz] Stop [MHz]	657.546 688.454
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 14:33:16
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: BPSK

RESULT: Reference Power cond.

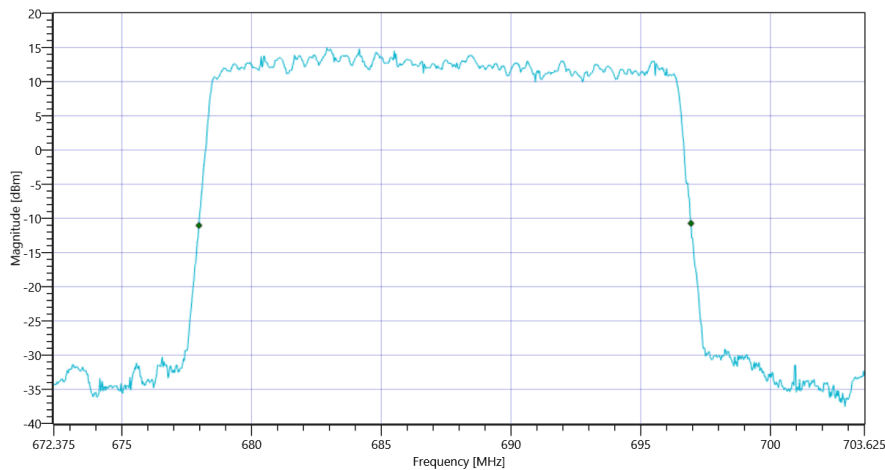
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	19.62	dBm	INFO
Ref. Frequency	---	---	683.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.62 0 35
Start [MHz] Stop [MHz]	672.375 703.625
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	---	---	18.969	MHz	INFO



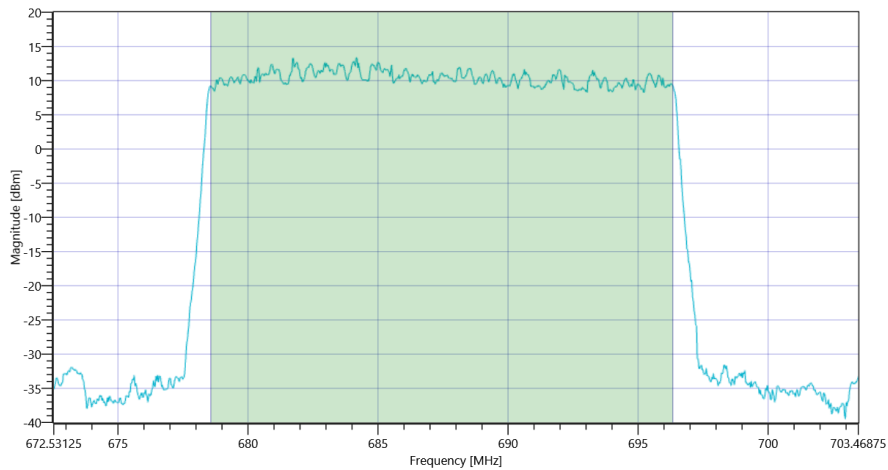
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.802	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.62 0 35
Start [MHz] Stop [MHz]	672.531 703.469
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: high , UL[MHz]/CH 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.

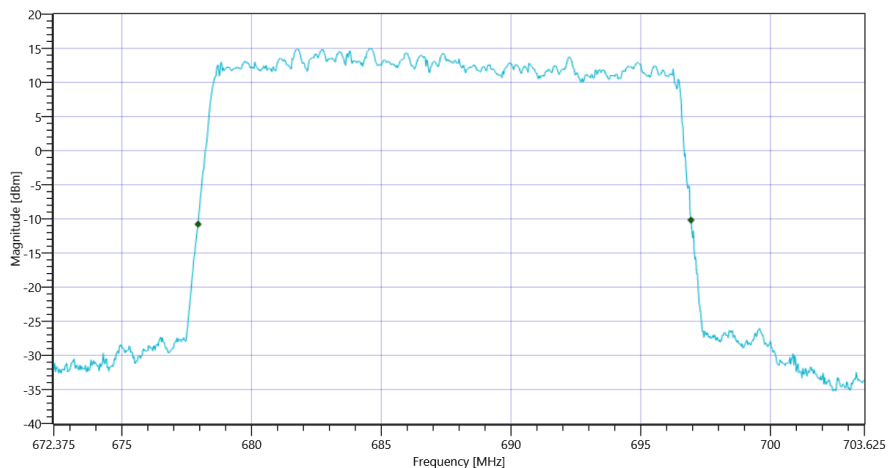
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	18.77	dBm	INFO
Ref. Frequency	---	---	682.710	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.77 0 35
Start [MHz] Stop [MHz]	672.375 703.625
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	---	---	19	MHz	INFO



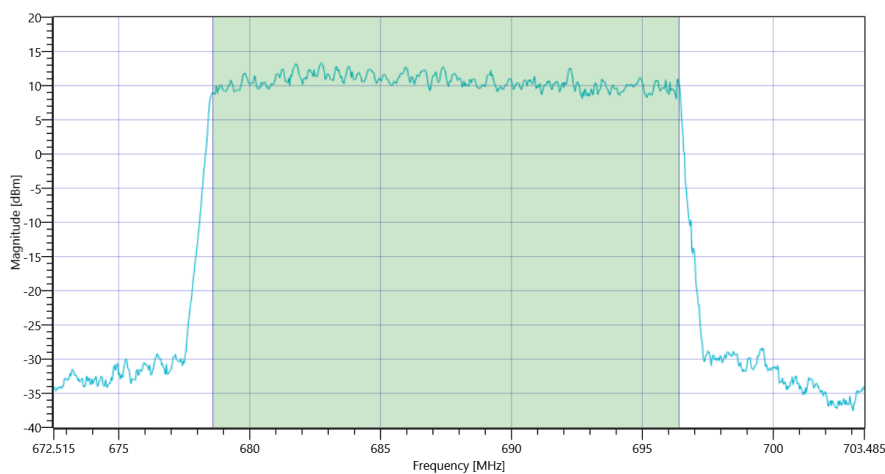
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.821	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.77 0 35
Start [MHz] Stop [MHz]	672.515 703.485
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: high , UL[MHz]/CH 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

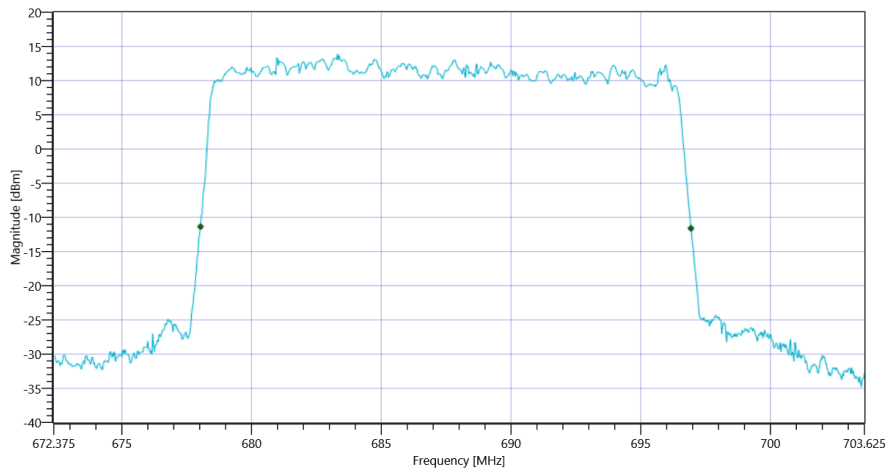
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	18.10	dBm	INFO
Ref. Frequency	---	---	681.610	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.10 0 35
Start [MHz] Stop [MHz]	672.375 703.625
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	---	---	18.906	MHz	INFO



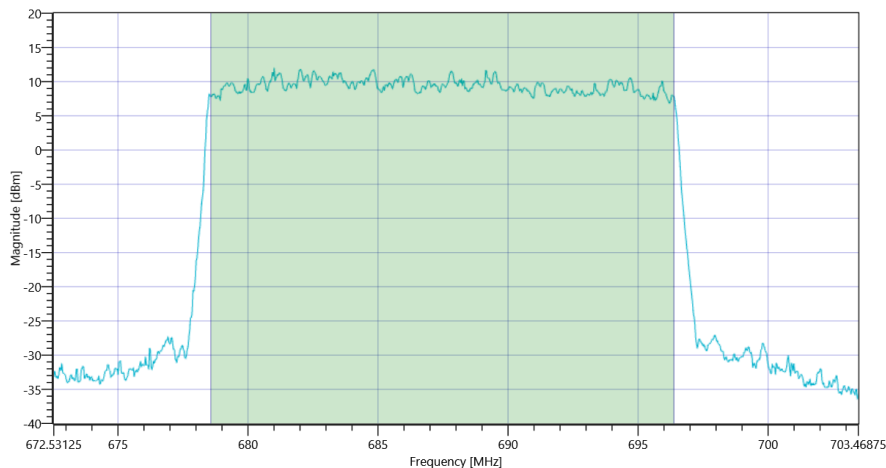
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.833	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.10 0 35
Start [MHz] Stop [MHz]	672.531 703.469
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: high , UL[MHz]/CH 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.76	dBm	INFO
Ref. Frequency	---	---	683.900	MHz	INFO

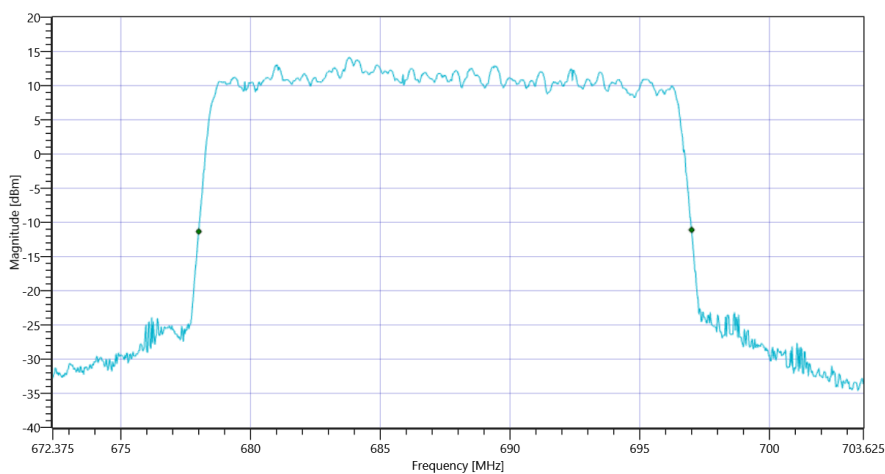
READ SA SETTINGS:

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.76 0 35
Start [MHz] Stop [MHz]	672.375 703.625
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	---	---	19	MHz	INFO



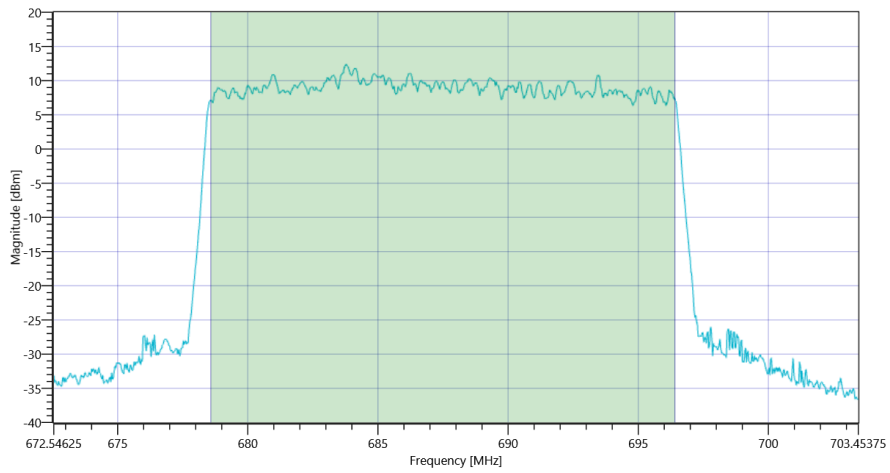
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.847	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.76 0 35
Start [MHz] Stop [MHz]	672.546 703.454
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 14:07:38
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: BPSK

RESULT: Reference Power cond.

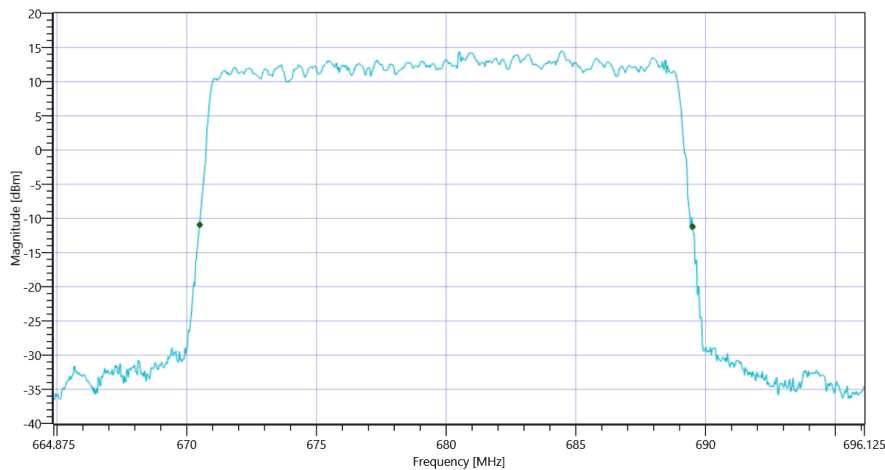
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	19.88	dBm	INFO
Ref. Frequency	---	---	684.400	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.88 0 35
Start [MHz] Stop [MHz]	664.875 696.125
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	---	---	19	MHz	INFO



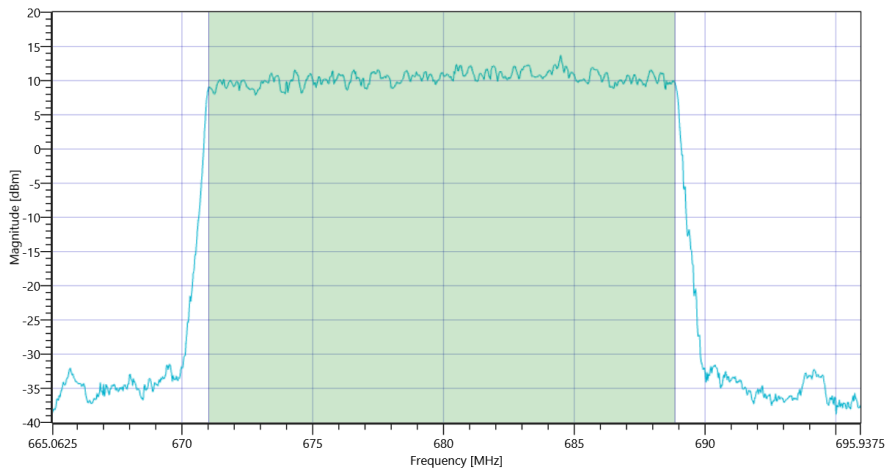
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.828	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.88 0 35
Start [MHz] Stop [MHz]	665.063 695.938
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.

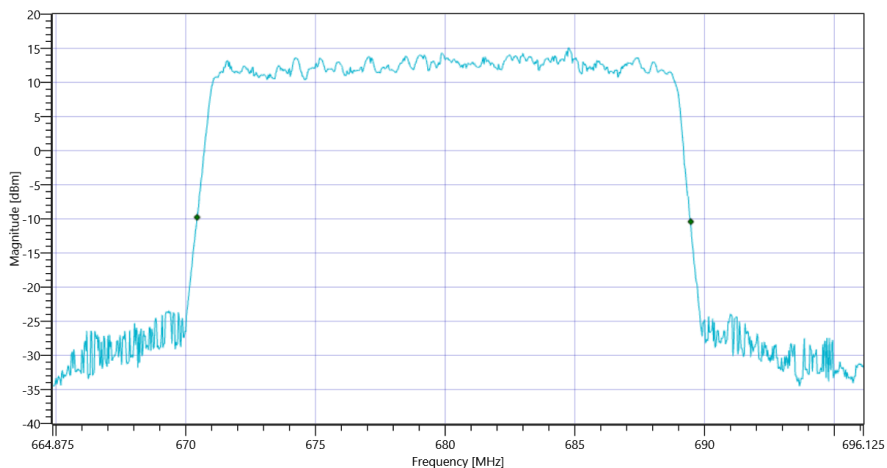
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.96	dBm	INFO
Ref. Frequency	---	---	683.500	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.96 0 35
Start [MHz] Stop [MHz]	664.875 696.125
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	---	---	19.031	MHz	INFO



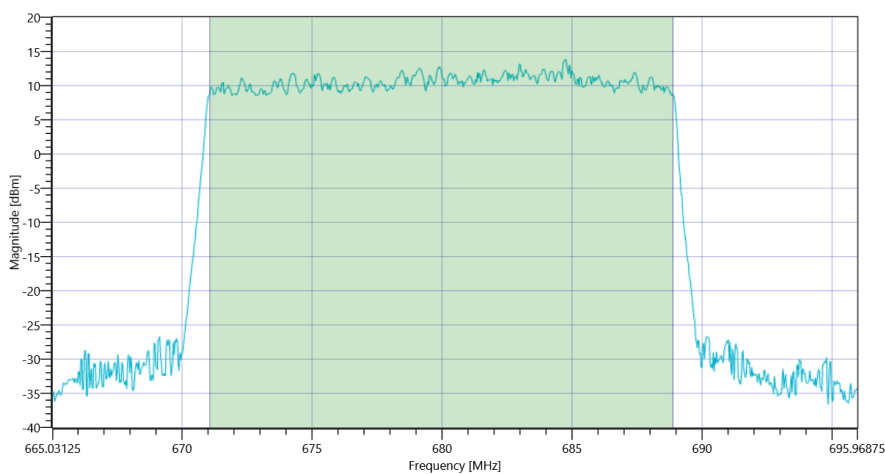
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.833	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.96 0 35
Start [MHz] Stop [MHz]	665.031 695.969
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

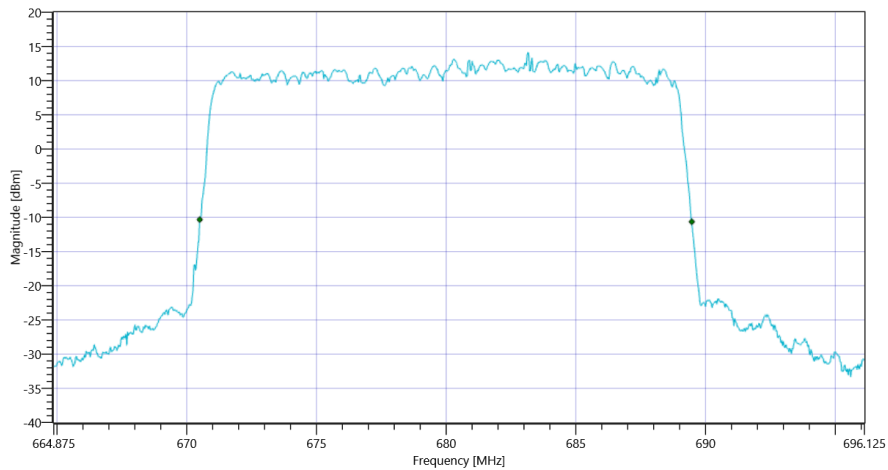
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	18.75	dBm	INFO
Ref. Frequency	---	---	684.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.75 0 35
Start [MHz] Stop [MHz]	664.875 696.125
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	---	---	18.969	MHz	INFO



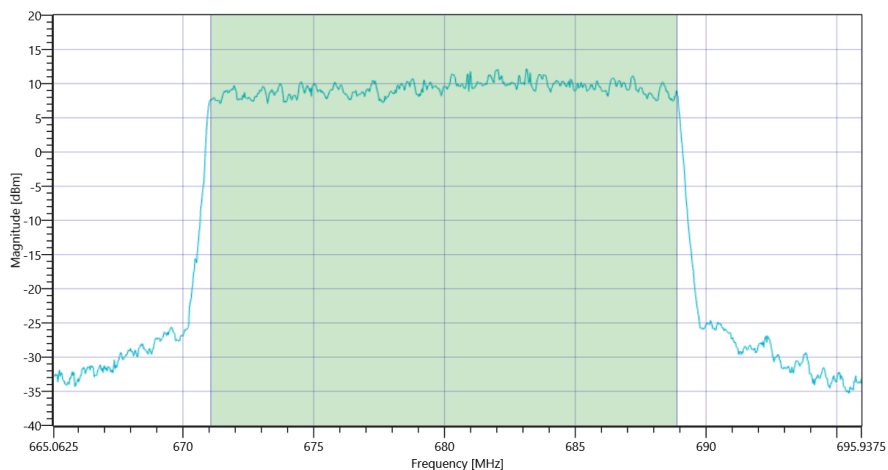
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.828	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.75 0 35
Start [MHz] Stop [MHz]	665.063 695.938
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.56	dBm	INFO
Ref. Frequency	---	---	681.600	MHz	INFO

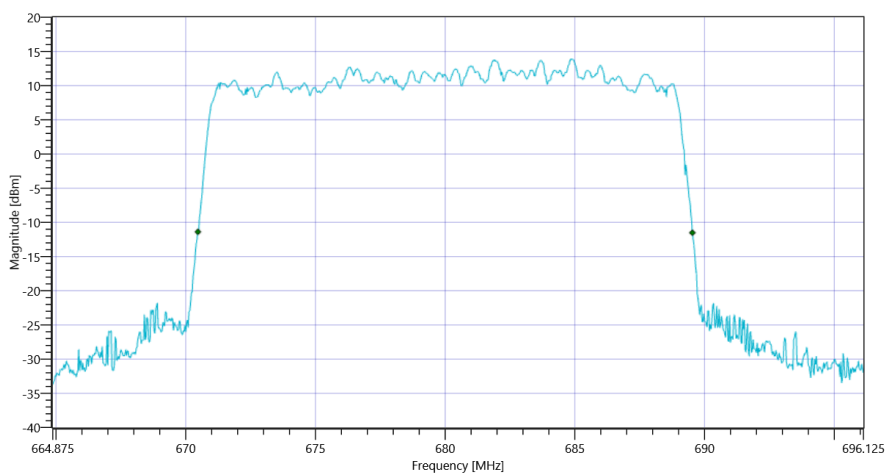
READ SA SETTINGS:

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.56 0 35
Start [MHz] Stop [MHz]	664.875 696.125
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	---	---	19.062	MHz	INFO



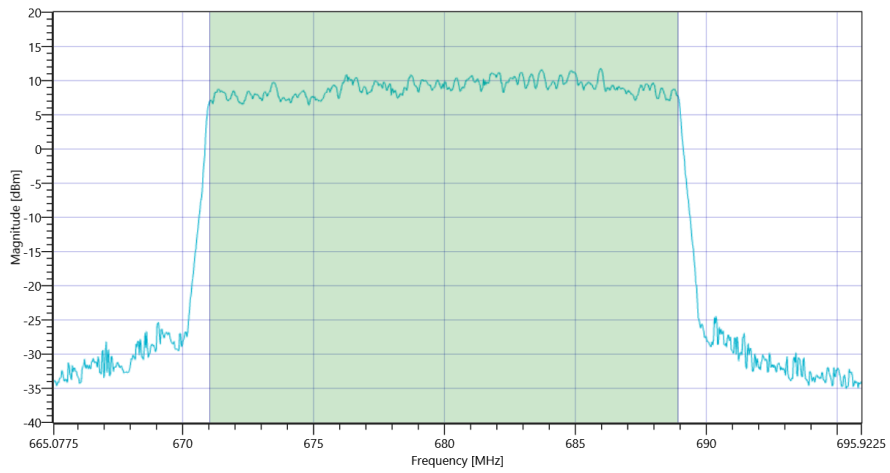
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.872	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.56 0 35
Start [MHz] Stop [MHz]	665.078 695.923
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:46:10
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: BPSK

RESULT: Reference Power cond.

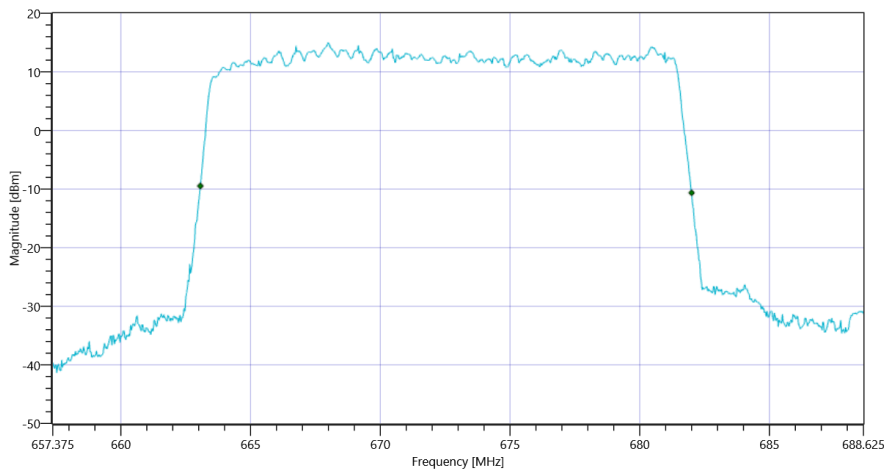
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	19.24	dBm	INFO
Ref. Frequency	---	---	677.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.24 0 35
Start [MHz] Stop [MHz]	657.375 688.625
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	---	---	18.938	MHz	INFO



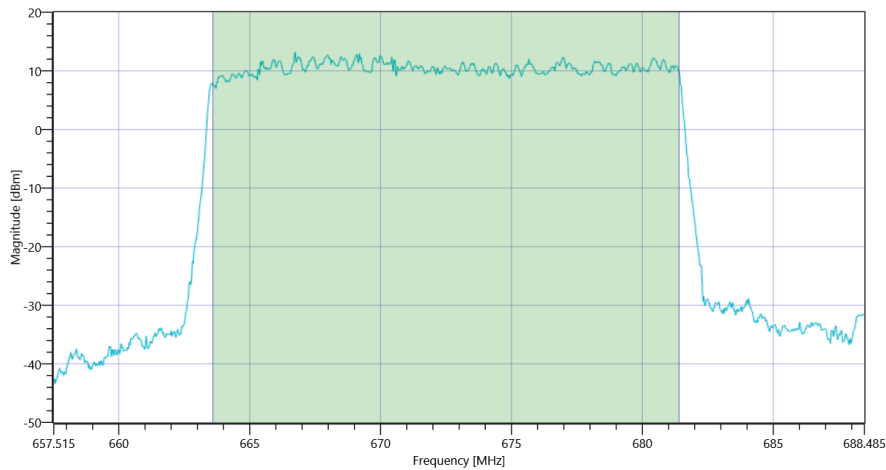
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.79	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.24 0 35
Start [MHz] Stop [MHz]	657.515 688.485
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: low , UL[MHz]/CH 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.

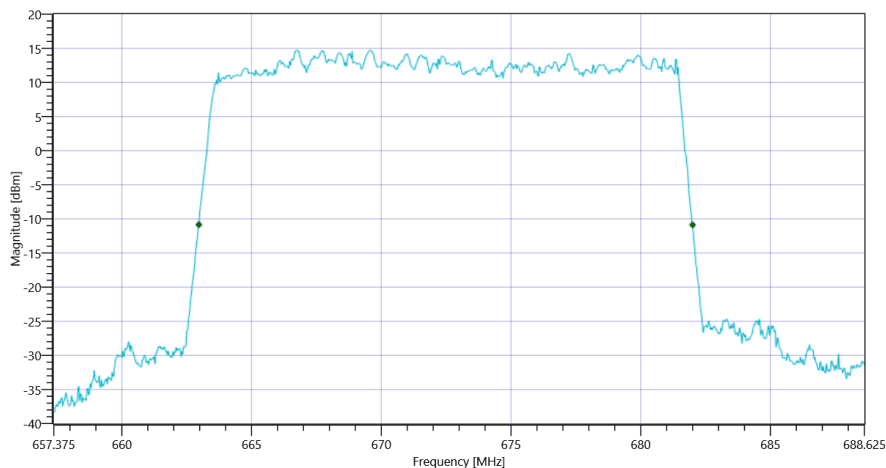
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	18.41	dBm	INFO
Ref. Frequency	---	---	667.510	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.41 0 35
Start [MHz] Stop [MHz]	657.375 688.625
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	---	---	19.031	MHz	INFO



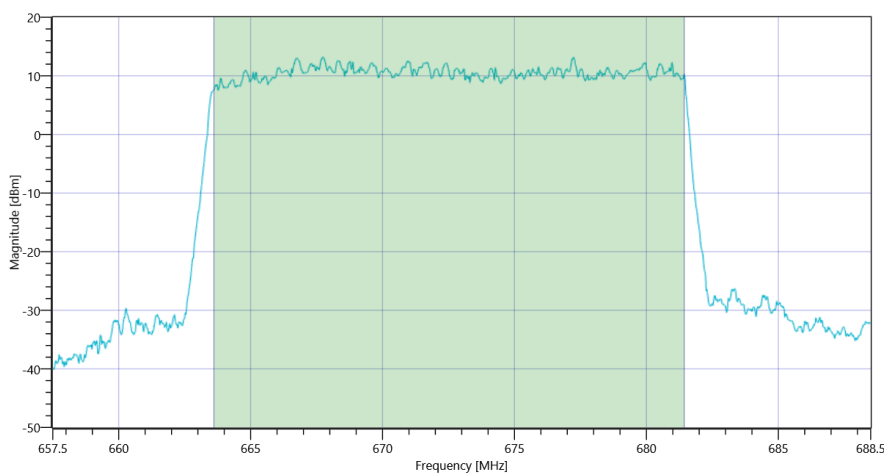
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.807	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.41 0 35
Start [MHz] Stop [MHz]	657.500 688.500
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: low , UL[MHz]/CH 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

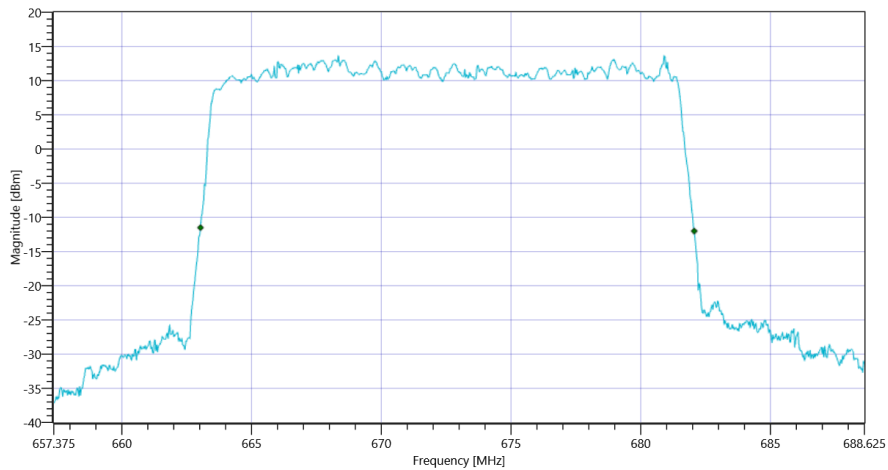
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.82	dBm	INFO
Ref. Frequency	---	---	679.290	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.82 0 35
Start [MHz] Stop [MHz]	657.375 688.625
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	---	---	19.031	MHz	INFO



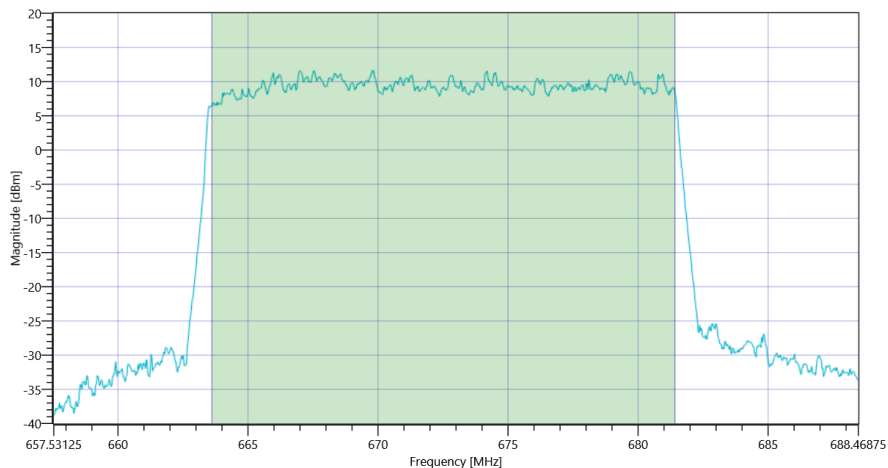
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.802	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.82 0 35
Start [MHz] Stop [MHz]	657.531 688.469
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: low , UL[MHz]/CH 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.61	dBm	INFO
Ref. Frequency	---	---	669.100	MHz	INFO

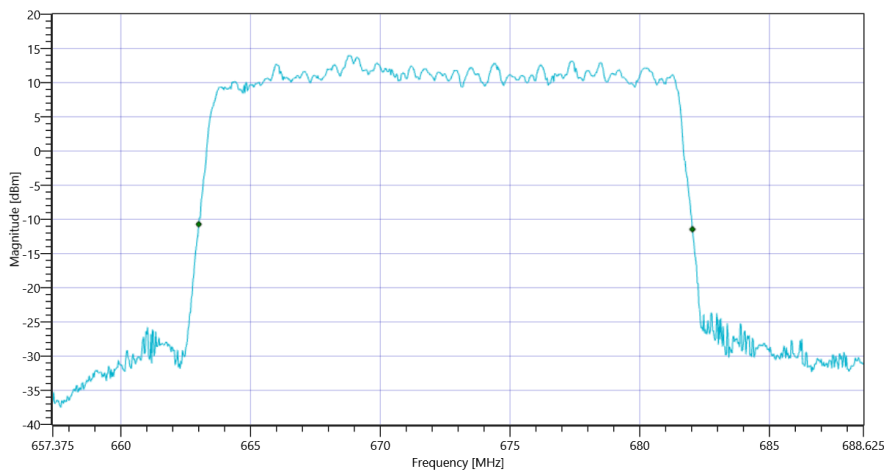
READ SA SETTINGS:

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.61 0 35
Start [MHz] Stop [MHz]	657.375 688.625
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	---	---	19.031	MHz	INFO



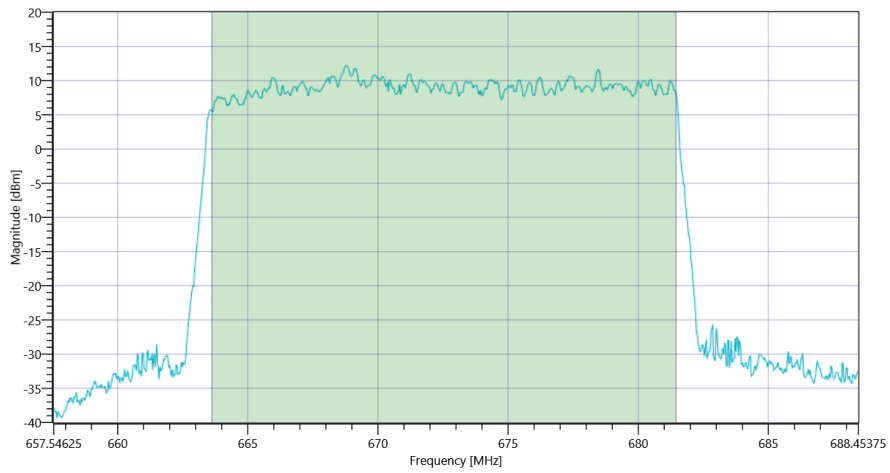
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.816	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.61 0 35
Start [MHz] Stop [MHz]	657.546 688.454
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:34:51
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 690.5/0 , CBW [MHz]: 15 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

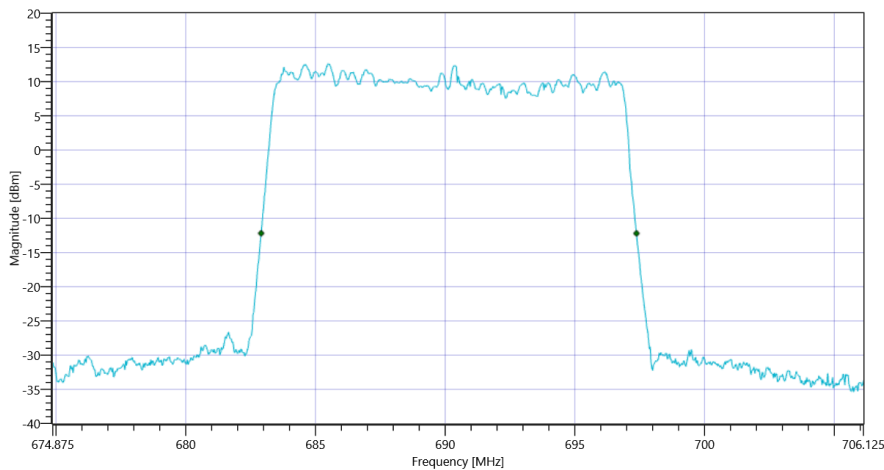
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.04	dBm	INFO
Ref. Frequency	---	---	688.500	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.04 0 35
Start [MHz] Stop [MHz]	674.875 706.125
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	---	---	14.469	MHz	INFO



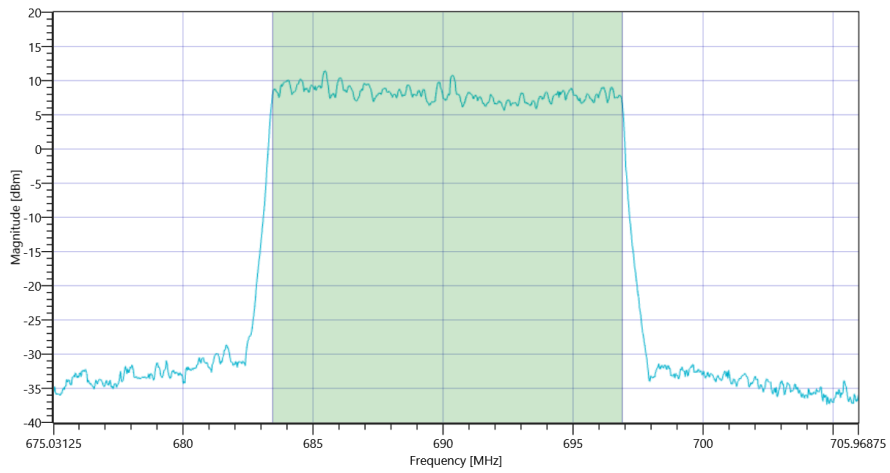
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	13.444	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.04 0 35
Start [MHz] Stop [MHz]	675.031 705.969
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:28:08
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 680.5/0 , CBW [MHz]: 15 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

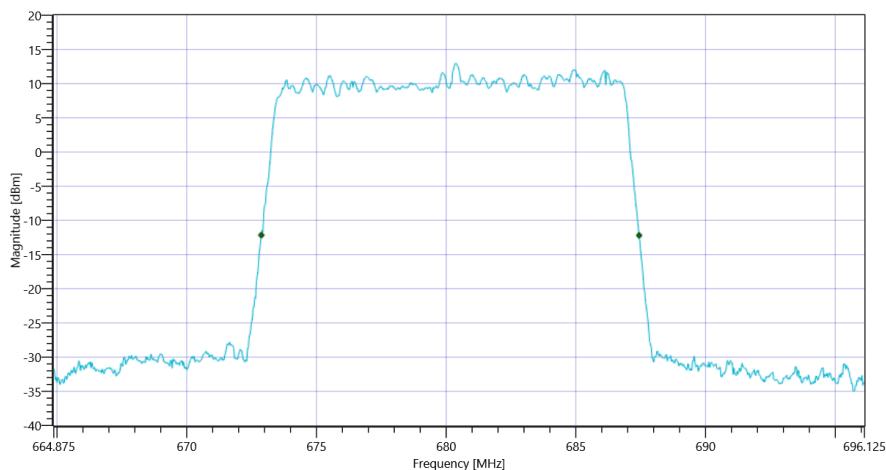
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.12	dBm	INFO
Ref. Frequency	---	---	685.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.12 0 35
Start [MHz] Stop [MHz]	664.875 696.125
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	---	---	14.562	MHz	INFO



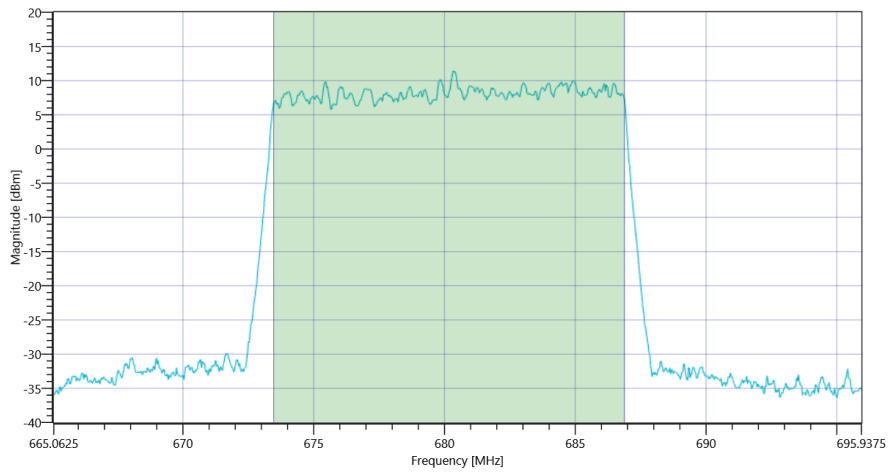
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	13.417	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.12 0 35
Start [MHz] Stop [MHz]	665.063 695.938
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:23:29
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 670.5/0 , CBW [MHz]: 15 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

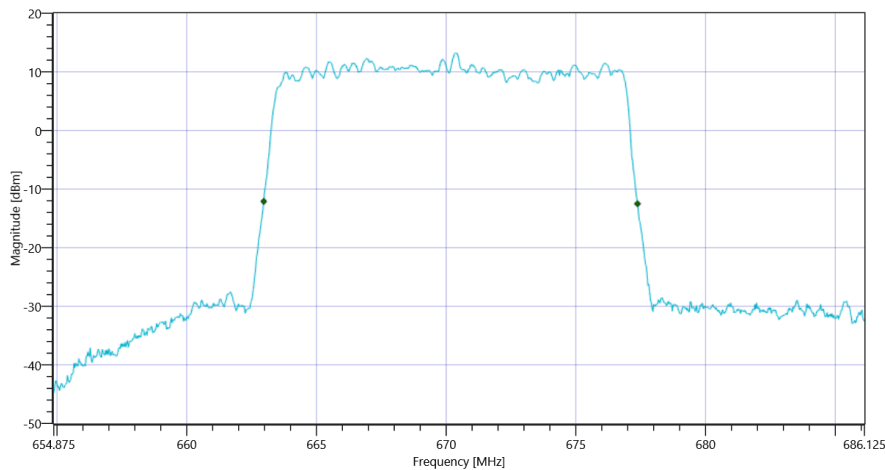
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.52	dBm	INFO
Ref. Frequency	---	---	669.400	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.52 0 35
Start [MHz] Stop [MHz]	654.875 686.125
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	---	---	14.406	MHz	INFO



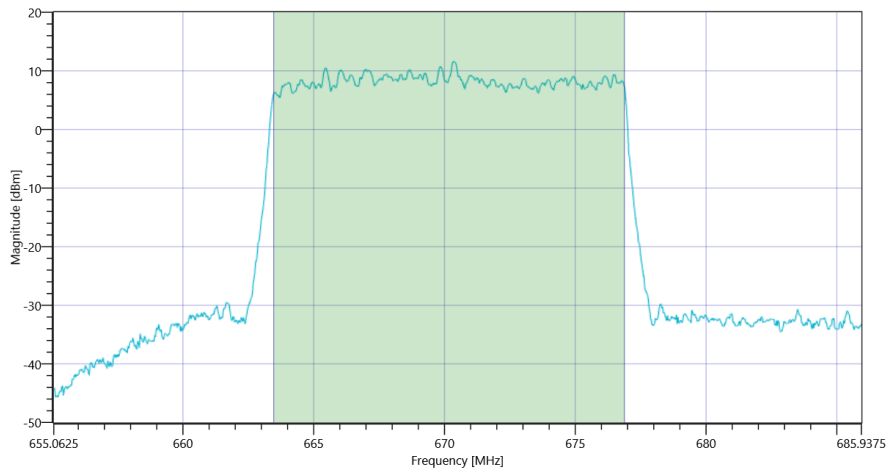
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	13.417	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.52 0 35
Start [MHz] Stop [MHz]	655.063 685.938
RBW [MHz] VBW [MHz]	0.200000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 12:27:22
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	True
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: low , UL[MHz]/CH 665.5/0 , CBW [MHz]: 5 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

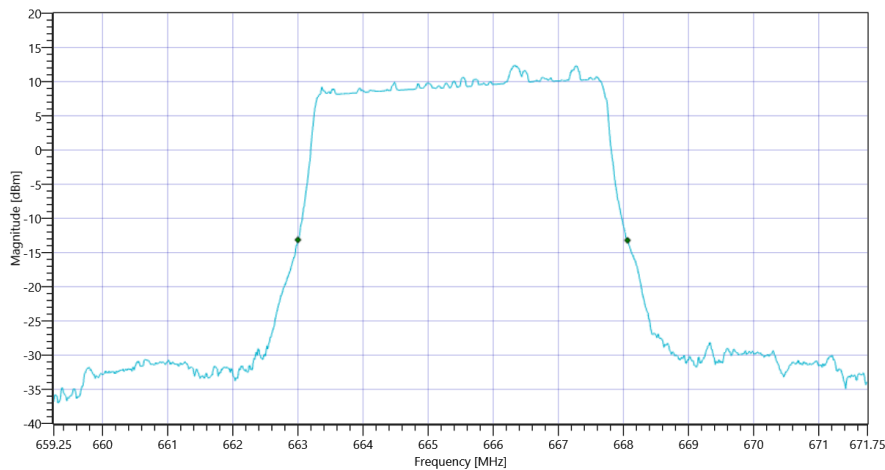
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	19.18	dBm	INFO
Ref. Frequency	---	---	666.900	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.18 0 35
Start [MHz] Stop [MHz]	659.250 671.750
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	---	---	5.062	MHz	INFO



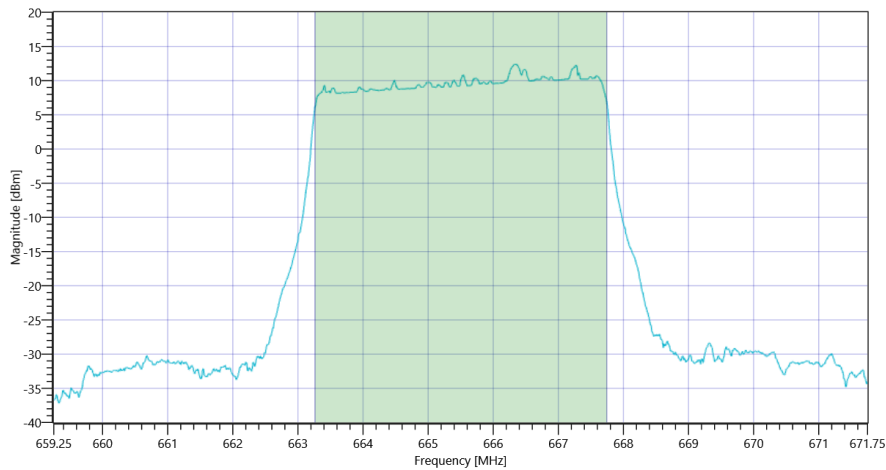
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	4.483	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.18 0 35
Start [MHz] Stop [MHz]	659.250 671.750
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 5 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

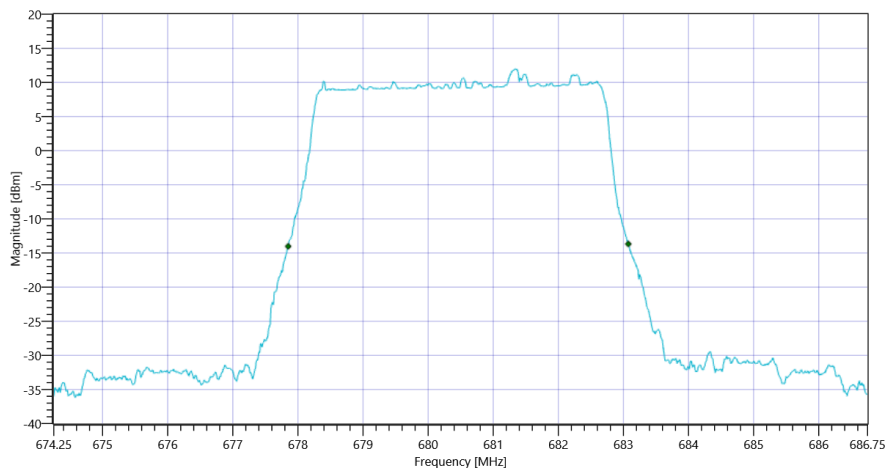
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	19.33	dBm	INFO
Ref. Frequency	---	---	680.400	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.33 0 35
Start [MHz] Stop [MHz]	674.250 686.750
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	---	---	5.225	MHz	INFO



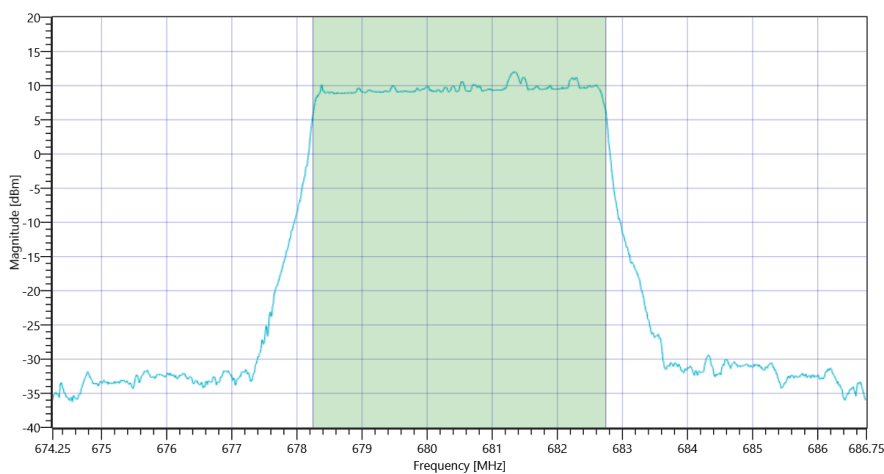
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

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

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.33 0 35
Start [MHz] Stop [MHz]	674.250 686.750
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: high , UL[MHz]/CH 695.5/0 , CBW [MHz]: 5 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

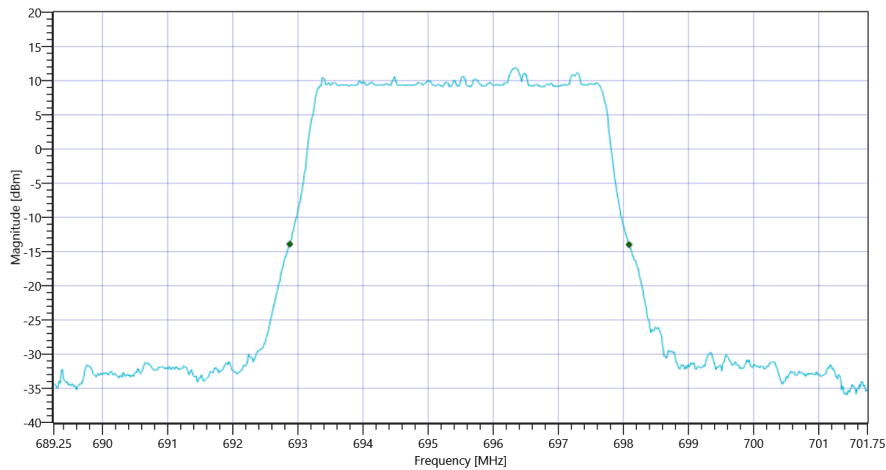
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	19.46	dBm	INFO
Ref. Frequency	---	---	695.500	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.46 0 35
Start [MHz] Stop [MHz]	689.250 701.750
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	---	---	5.212	MHz	INFO



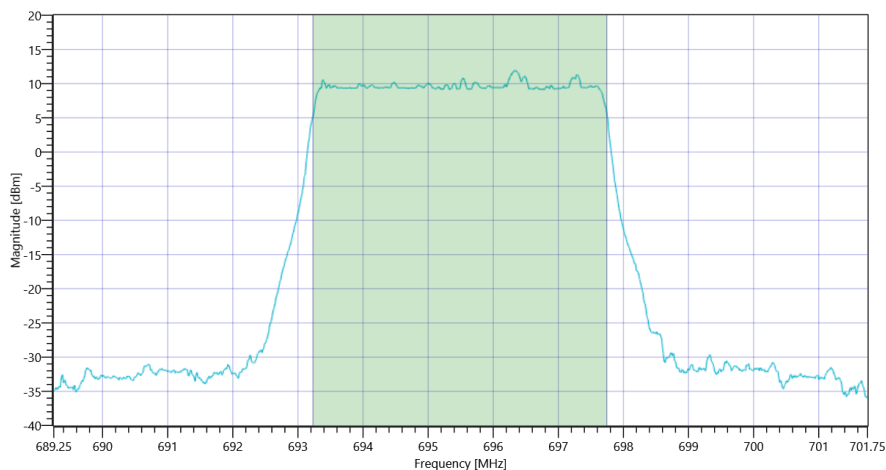
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

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

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.46 0 35
Start [MHz] Stop [MHz]	689.250 701.750
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 12:56:30
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	True
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: low , UL[MHz]/CH 668/0 , CBW [MHz]: 10 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

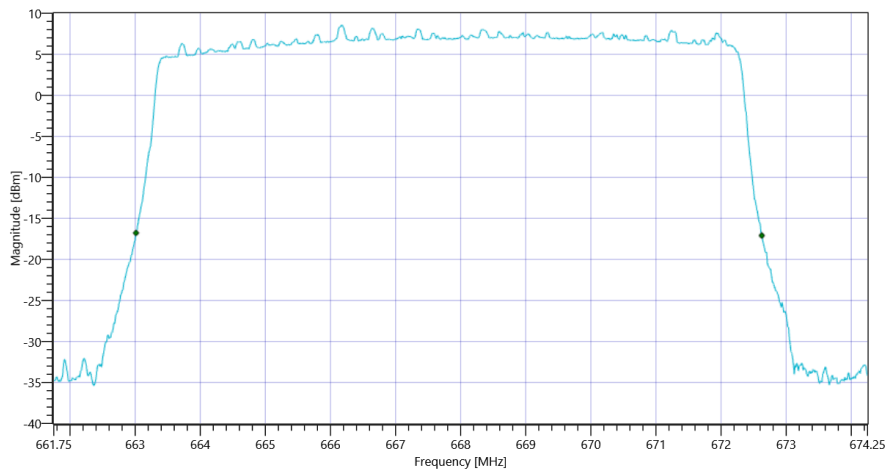
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.12	dBm	INFO
Ref. Frequency	---	---	670.300	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.12 0 35
Start [MHz] Stop [MHz]	661.750 674.250
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	---	---	9.612	MHz	INFO



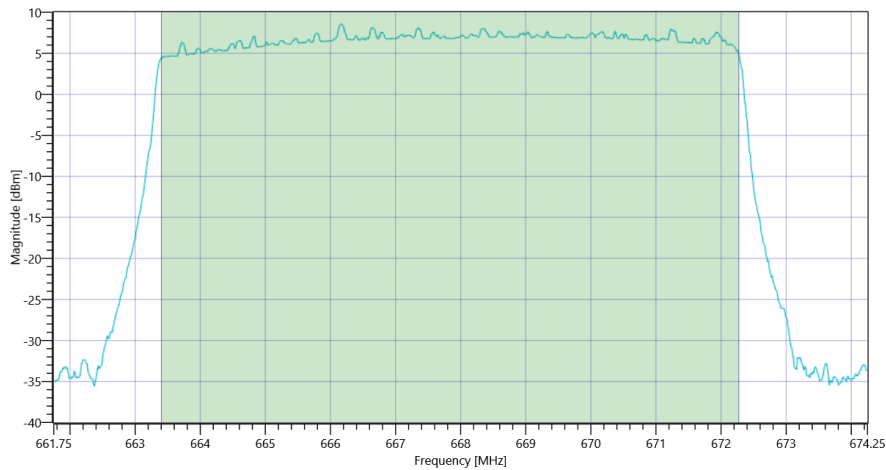
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	8.879	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.12 0 35
Start [MHz] Stop [MHz]	661.750 674.250
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 10 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

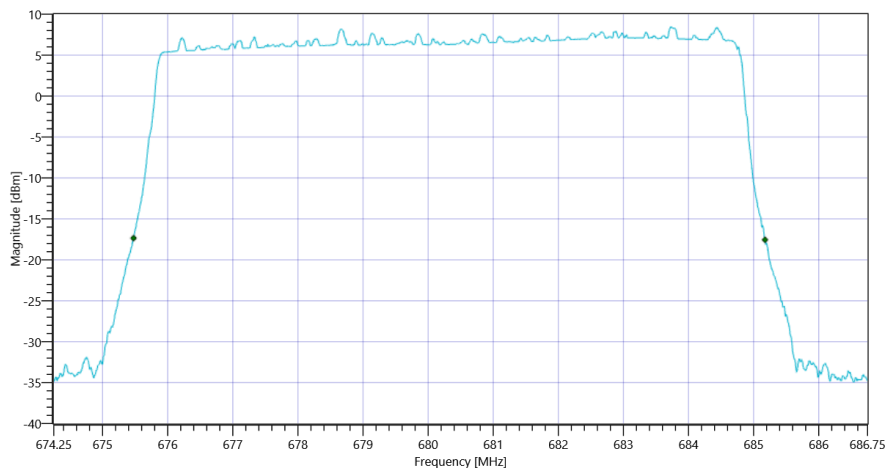
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.66	dBm	INFO
Ref. Frequency	---	---	683.100	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.66 0 35
Start [MHz] Stop [MHz]	674.250 686.750
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	---	---	9.7	MHz	INFO



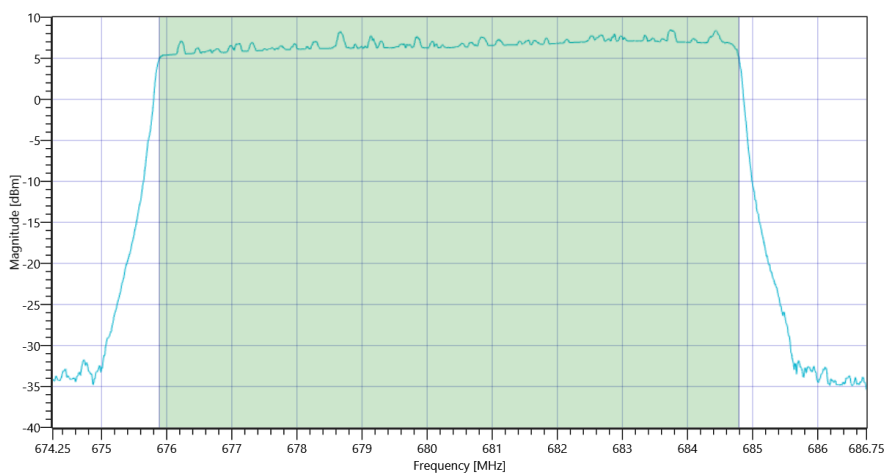
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	8.904	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.66 0 35
Start [MHz] Stop [MHz]	674.250 686.750
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

Test freq: high , UL[MHz]/CH 693/0 , CBW [MHz]: 10 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

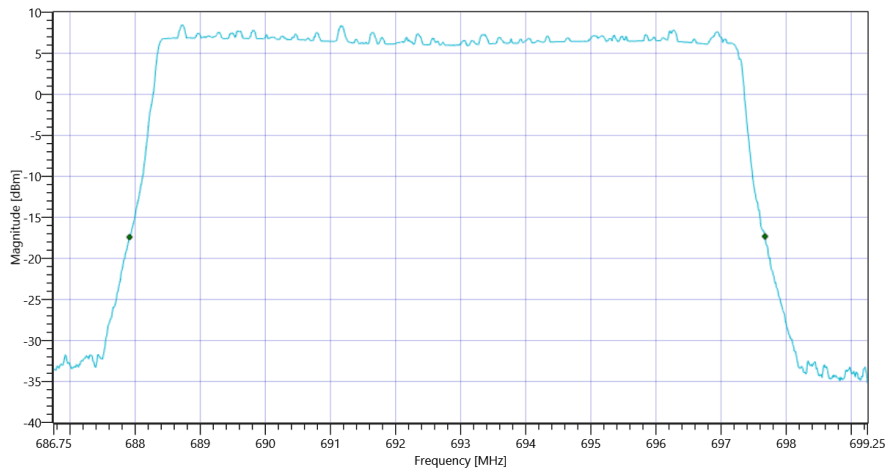
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.13	dBm	INFO
Ref. Frequency	---	---	695.700	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.13 0 35
Start [MHz] Stop [MHz]	686.750 699.250
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	---	---	9.762	MHz	INFO



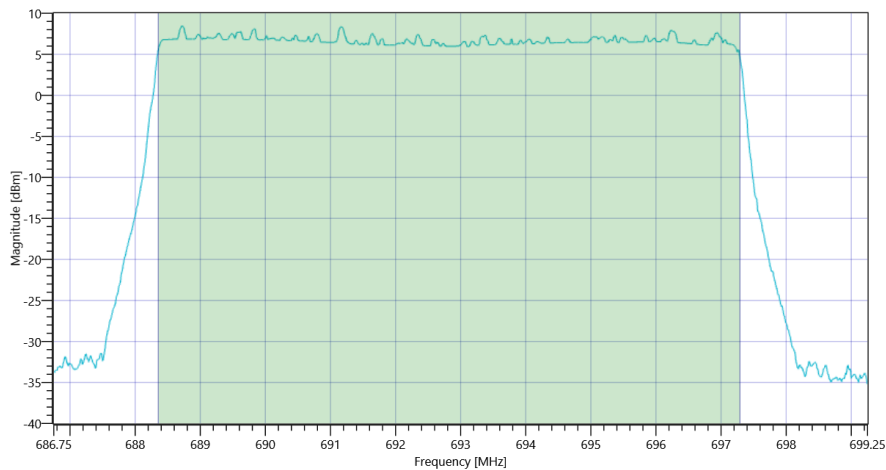
FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	8.929	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.13 0 35
Start [MHz] Stop [MHz]	686.750 699.250
RBW [MHz] VBW [MHz]	0.100000 0.500000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE



FCC, ISED # Bandwidth 99PCT and 20dB ~ NR Band_71 Ant-1 SCS-15 26dB

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 15:12:16
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

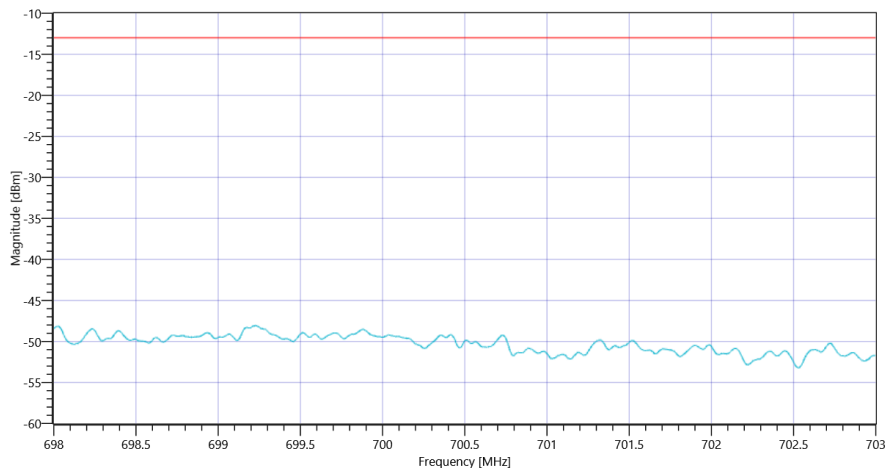
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.57	dBm	INFO
Ref. Frequency	---	---	685.500	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.57 0 30
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-36.71	dBm	PASS
Frequency [MHz] 699.5	---	-13	-36.41	dBm	PASS
Frequency [MHz] 700.5	---	-13	-37.45	dBm	PASS
Frequency [MHz] 701.5	---	-13	-38.25	dBm	PASS
Frequency [MHz] 702.5	---	-13	-38.86	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 15:05:55
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

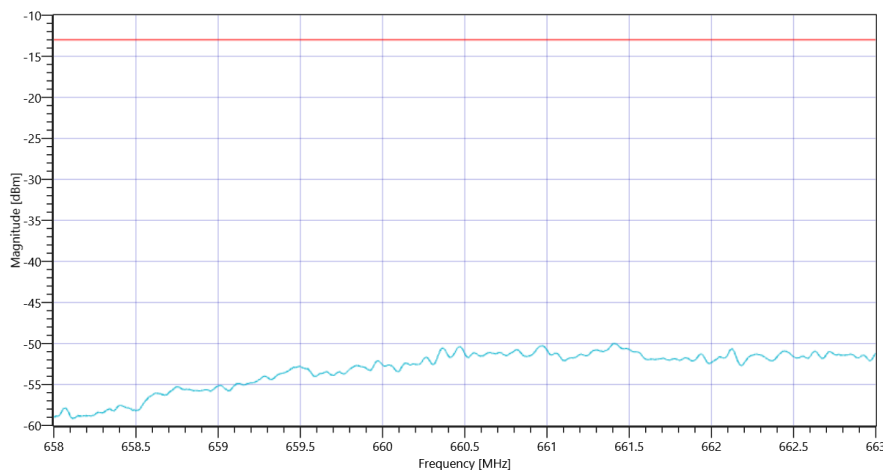
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.77	dBm	INFO
Ref. Frequency	---	---	683.900	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.77 0 30
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-38.81	dBm	PASS
Frequency [MHz] 664.5	---	-13	-38.67	dBm	PASS
Frequency [MHz] 665.5	---	-13	-38.8	dBm	PASS
Frequency [MHz] 666.5	---	-13	-40.99	dBm	PASS
Frequency [MHz] 667.5	---	-13	-44.29	dBm	PASS



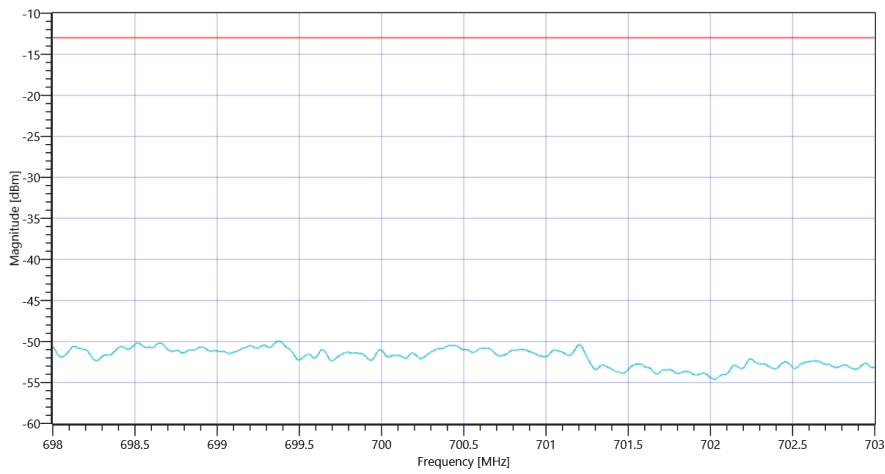
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.77 0 30
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-38.3	dBm	PASS
Frequency [MHz] 699.5	---	-13	-38.51	dBm	PASS
Frequency [MHz] 700.5	---	-13	-38.55	dBm	PASS
Frequency [MHz] 701.5	---	-13	-40.05	dBm	PASS
Frequency [MHz] 702.5	---	-13	-40.27	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict **PASS**

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 15:00:44
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

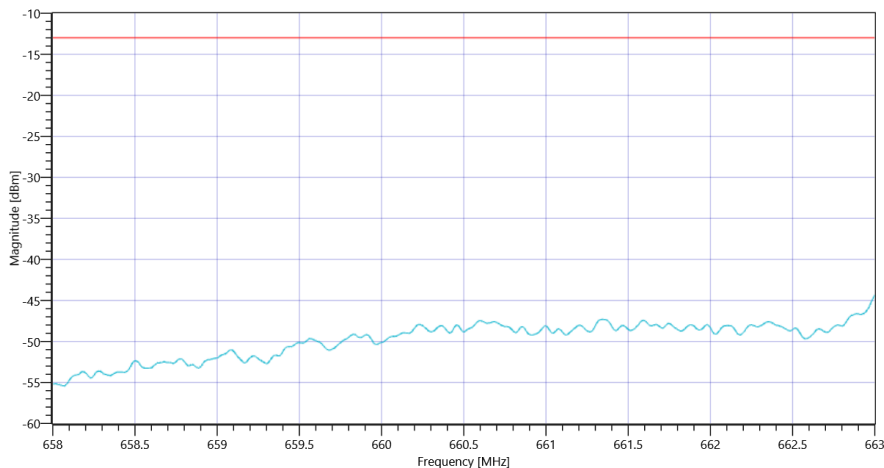
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.46	dBm	INFO
Ref. Frequency	---	---	668.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.46 0 30
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-35.24	dBm	PASS
Frequency [MHz] 664.5	---	-13	-35.5	dBm	PASS
Frequency [MHz] 665.5	---	-13	-35.75	dBm	PASS
Frequency [MHz] 666.5	---	-13	-37.95	dBm	PASS
Frequency [MHz] 667.5	---	-13	-40.57	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 14:40:39
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: BPSK

RESULT: Reference Power cond.

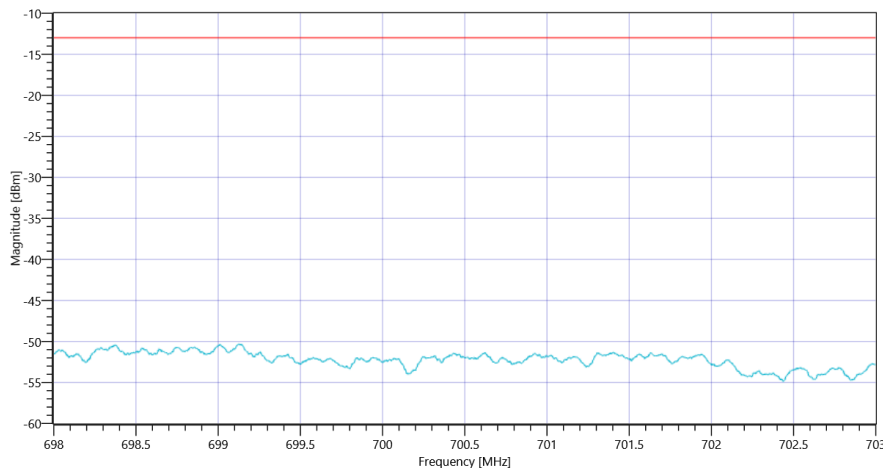
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	19.58	dBm	INFO
Ref. Frequency	---	---	683.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.58 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-38.51	dBm	PASS
Frequency [MHz] 699.5	---	-13	-39.19	dBm	PASS
Frequency [MHz] 700.5	---	-13	-39.45	dBm	PASS
Frequency [MHz] 701.5	---	-13	-39.23	dBm	PASS
Frequency [MHz] 702.5	---	-13	-40.91	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: high , UL[MHz]/CH 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.

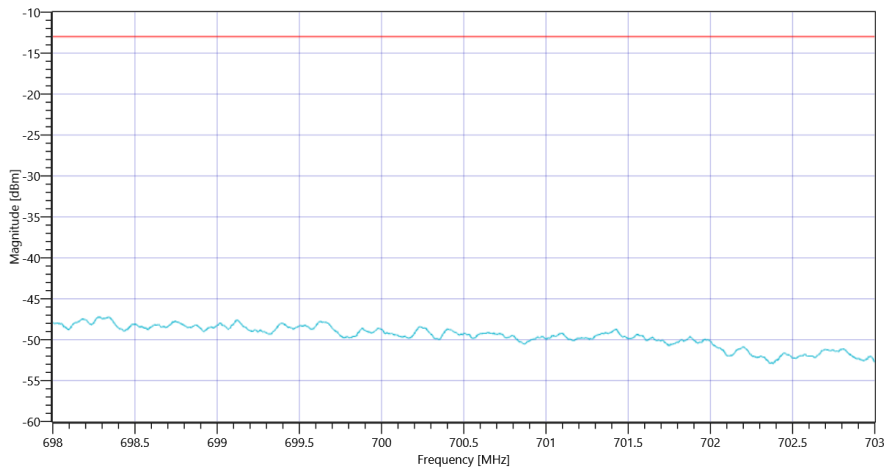
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.10	dBm	INFO
Ref. Frequency	---	---	685.500	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.10 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-35.43	dBm	PASS
Frequency [MHz] 699.5	---	-13	-35.9	dBm	PASS
Frequency [MHz] 700.5	---	-13	-36.69	dBm	PASS
Frequency [MHz] 701.5	---	-13	-37.04	dBm	PASS
Frequency [MHz] 702.5	---	-13	-39.03	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: high , UL[MHz]/CH 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

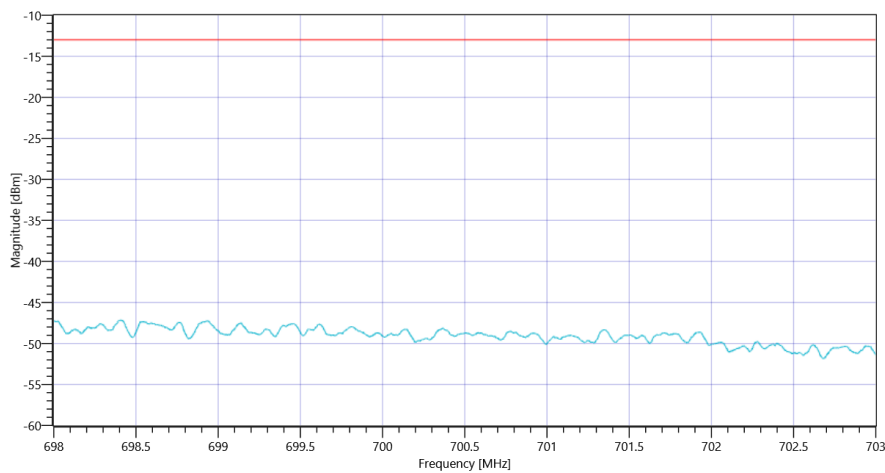
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.28	dBm	INFO
Ref. Frequency	---	---	690.700	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.28 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-35.27	dBm	PASS
Frequency [MHz] 699.5	---	-13	-35.72	dBm	PASS
Frequency [MHz] 700.5	---	-13	-36.24	dBm	PASS
Frequency [MHz] 701.5	---	-13	-36.51	dBm	PASS
Frequency [MHz] 702.5	---	-13	-37.89	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: high , UL[MHz]/CH 688/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.43	dBm	INFO
Ref. Frequency	---	---	681.810	MHz	INFO

READ SA SETTINGS:

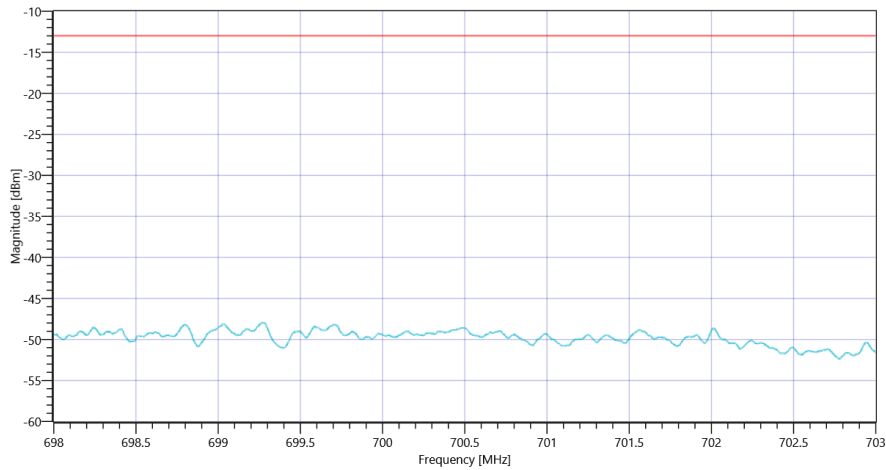
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.43 0 35
Start [MHz] Stop [MHz]	698.000 703.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT upper band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 698.5	---	-13	-36.63	dBm	PASS
Frequency [MHz] 699.5	---	-13	-36.42	dBm	PASS

RESULT upper band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 700.5	---	-13	-36.66	dBm	PASS
Frequency [MHz] 701.5	---	-13	-37.16	dBm	PASS
Frequency [MHz] 702.5	---	-13	-38.25	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict **PASS**

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 14:13:52
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: BPSK

RESULT: Reference Power cond.

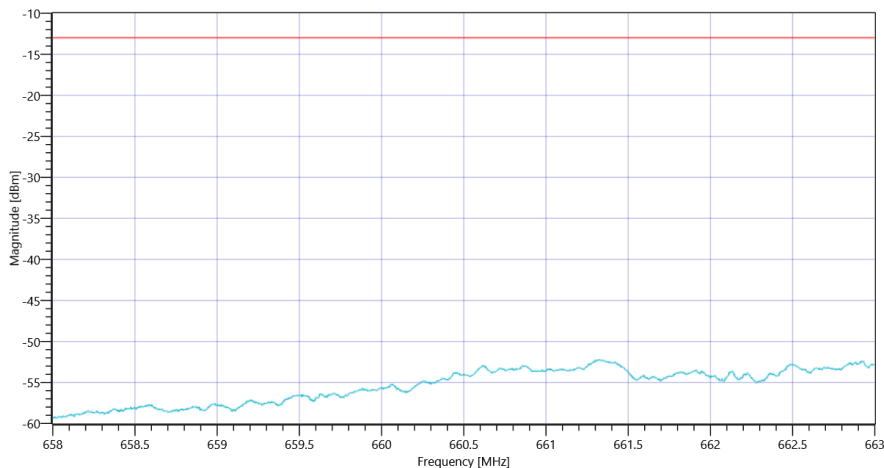
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	19.64	dBm	INFO
Ref. Frequency	---	---	684.500	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.64 0 35
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-40.87	dBm	PASS
Frequency [MHz] 664.5	---	-13	-40.82	dBm	PASS
Frequency [MHz] 665.5	---	-13	-41.47	dBm	PASS
Frequency [MHz] 666.5	---	-13	-44.18	dBm	PASS
Frequency [MHz] 667.5	---	-13	-45.67	dBm	PASS



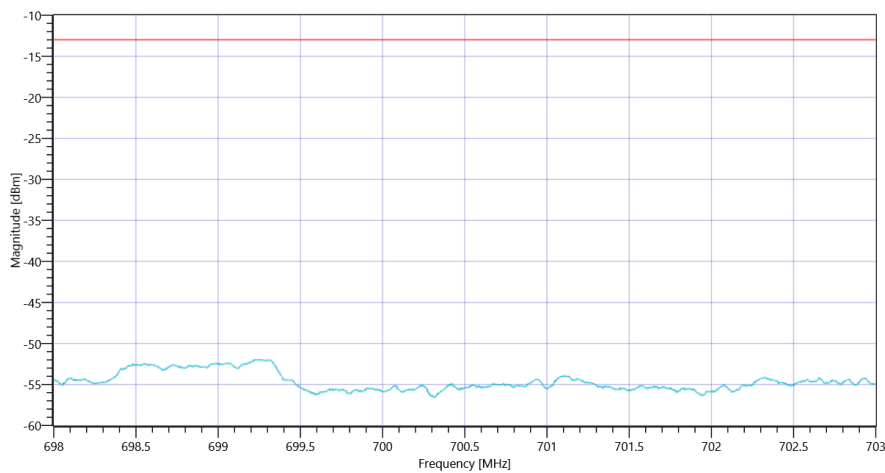
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.64 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-40.66	dBm	PASS
Frequency [MHz] 699.5	---	-13	-41.35	dBm	PASS
Frequency [MHz] 700.5	---	-13	-42.6	dBm	PASS
Frequency [MHz] 701.5	---	-13	-42.48	dBm	PASS
Frequency [MHz] 702.5	---	-13	-42.1	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.79	dBm	INFO
Ref. Frequency	---	---	680.300	MHz	INFO

READ SA SETTINGS:

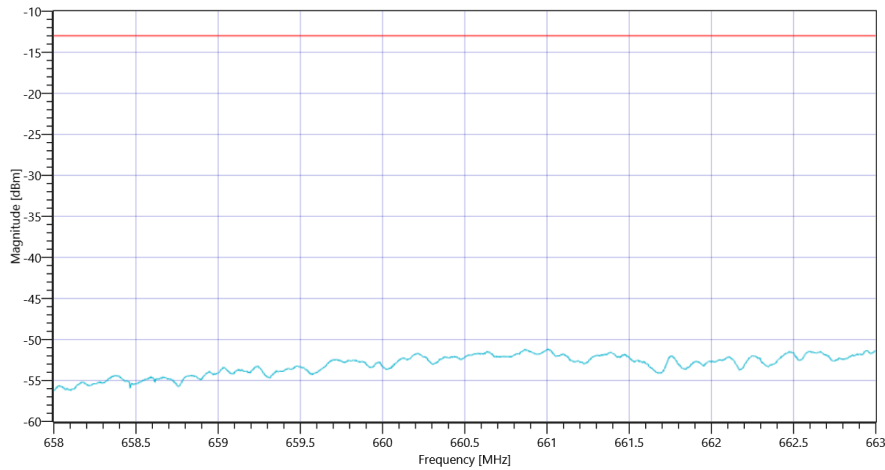
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.79 0 35
Start [MHz] Stop [MHz]	658.000 663.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 663.5	---	-13	-39.47	dBm	PASS
Frequency [MHz] 664.5	---	-13	-39.78	dBm	PASS

RESULT lower band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 665.5	---	-13	-39.37	dBm	PASS
Frequency [MHz] 666.5	---	-13	-40.69	dBm	PASS
Frequency [MHz] 667.5	---	-13	-42.29	dBm	PASS



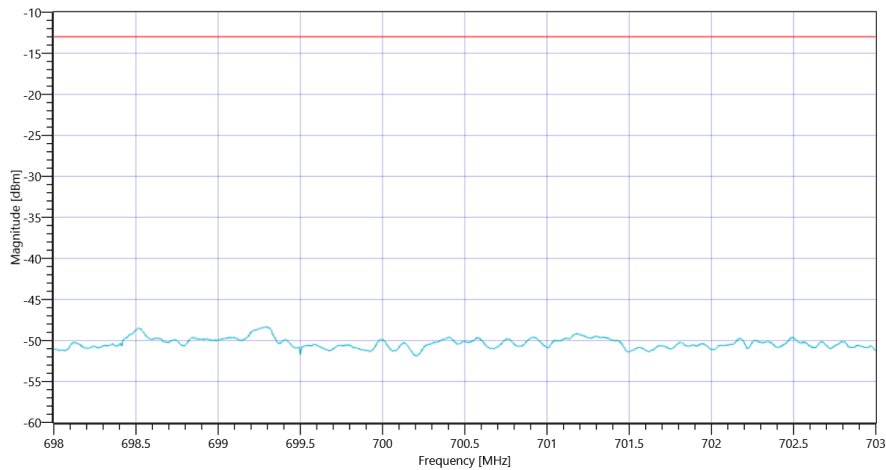
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.79 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-37.4	dBm	PASS
Frequency [MHz] 699.5	---	-13	-37.41	dBm	PASS
Frequency [MHz] 700.5	---	-13	-37.66	dBm	PASS
Frequency [MHz] 701.5	---	-13	-37.58	dBm	PASS
Frequency [MHz] 702.5	---	-13	-37.74	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

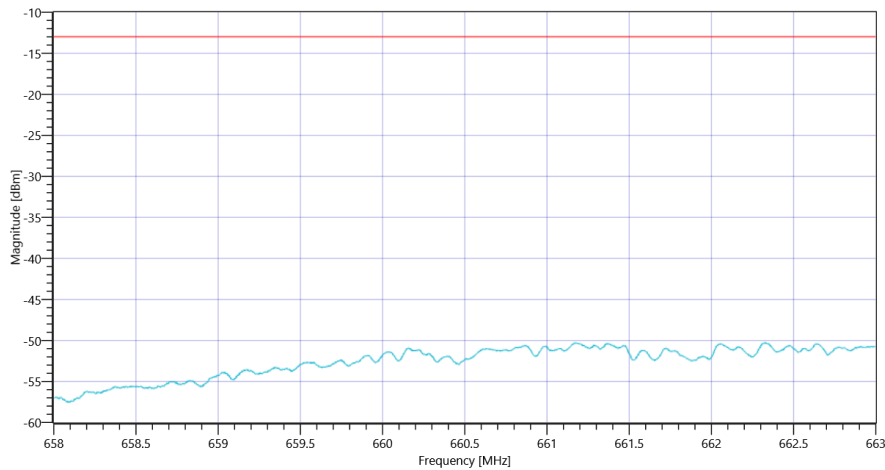
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.74	dBm	INFO
Ref. Frequency	---	---	682.900	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.74 0 35
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-38.26	dBm	PASS
Frequency [MHz] 664.5	---	-13	-38.56	dBm	PASS
Frequency [MHz] 665.5	---	-13	-38.81	dBm	PASS
Frequency [MHz] 666.5	---	-13	-40.46	dBm	PASS
Frequency [MHz] 667.5	---	-13	-43.05	dBm	PASS



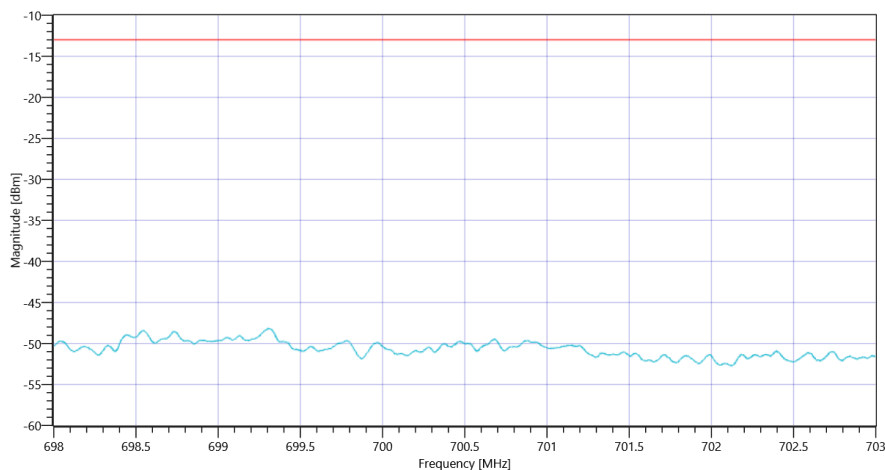
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.74 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-37.07	dBm	PASS
Frequency [MHz] 699.5	---	-13	-37.21	dBm	PASS
Frequency [MHz] 700.5	---	-13	-37.68	dBm	PASS
Frequency [MHz] 701.5	---	-13	-38.6	dBm	PASS
Frequency [MHz] 702.5	---	-13	-39	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

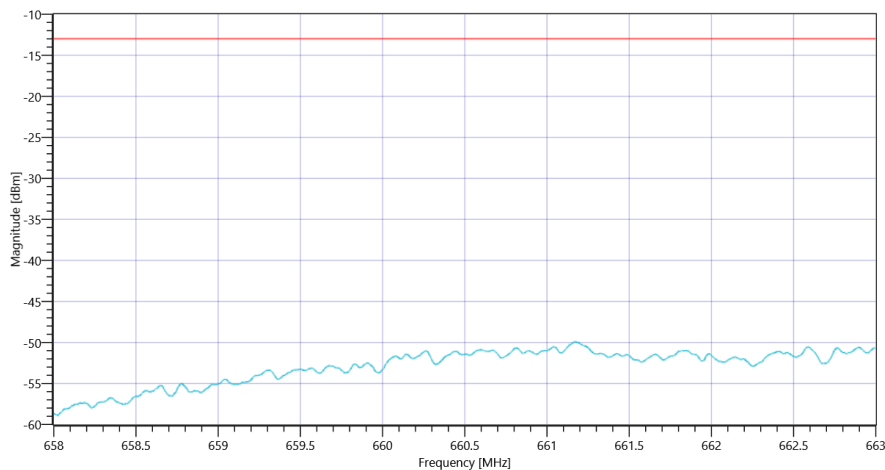
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.02	dBm	INFO
Ref. Frequency	---	---	685.590	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.02 0 30
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-38.83	dBm	PASS
Frequency [MHz] 664.5	---	-13	-38.58	dBm	PASS
Frequency [MHz] 665.5	---	-13	-38.73	dBm	PASS
Frequency [MHz] 666.5	---	-13	-40.92	dBm	PASS
Frequency [MHz] 667.5	---	-13	-43.83	dBm	PASS



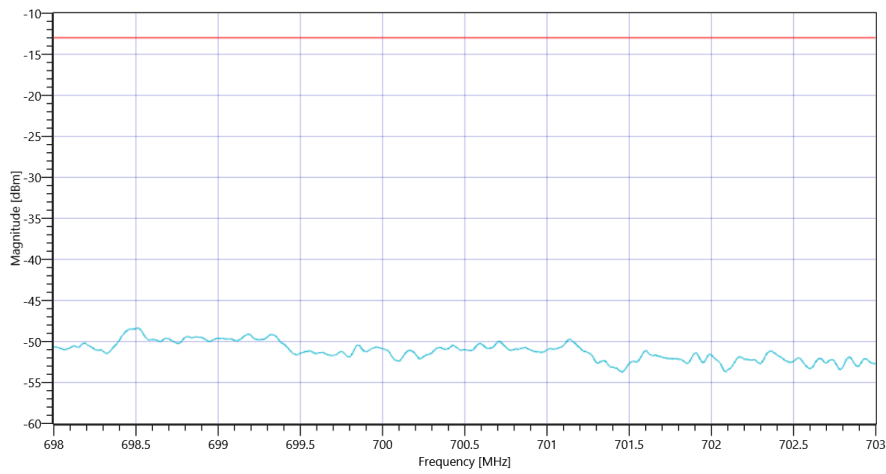
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.02 0 30
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-37.21	dBm	PASS
Frequency [MHz] 699.5	---	-13	-37.76	dBm	PASS
Frequency [MHz] 700.5	---	-13	-38.32	dBm	PASS
Frequency [MHz] 701.5	---	-13	-39.02	dBm	PASS
Frequency [MHz] 702.5	---	-13	-39.65	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict **PASS**

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:51:36
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: BPSK

RESULT: Reference Power cond.

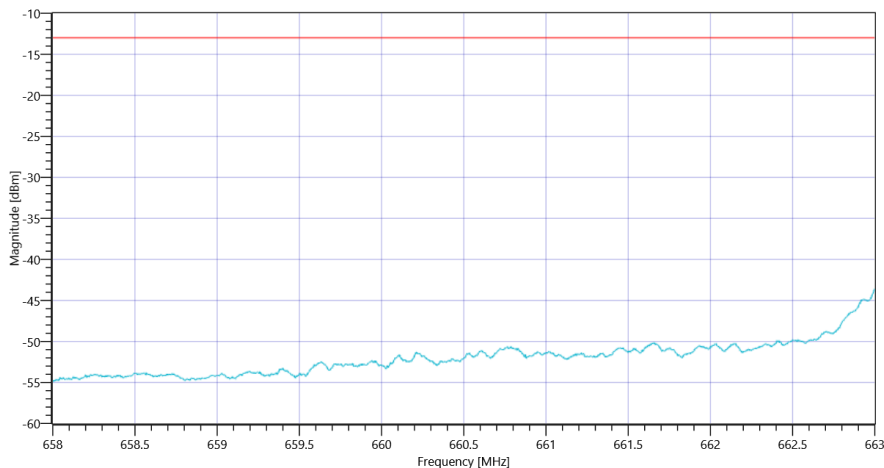
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	20.47	dBm	INFO
Ref. Frequency	---	---	668.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	20.47 0 40
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-36	dBm	PASS
Frequency [MHz] 664.5	---	-13	-38.53	dBm	PASS
Frequency [MHz] 665.5	---	-13	-39.09	dBm	PASS
Frequency [MHz] 666.5	---	-13	-40.72	dBm	PASS
Frequency [MHz] 667.5	---	-13	-41.56	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: low , UL[MHz]/CH 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: QPSK

RESULT: Reference Power cond.

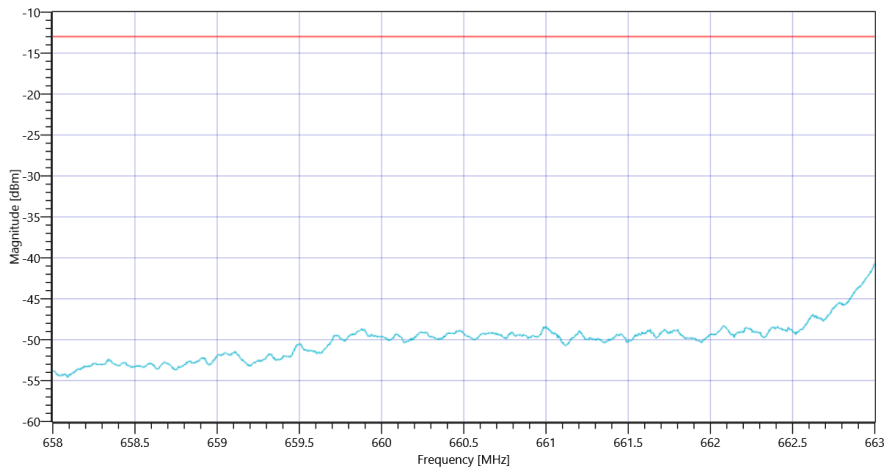
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.02	dBm	INFO
Ref. Frequency	---	---	677.100	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.02 0 35
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-33.98	dBm	PASS
Frequency [MHz] 664.5	---	-13	-36.85	dBm	PASS
Frequency [MHz] 665.5	---	-13	-36.76	dBm	PASS
Frequency [MHz] 666.5	---	-13	-38.21	dBm	PASS
Frequency [MHz] 667.5	---	-13	-40.43	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: low , UL[MHz]/CH 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 16QAM

RESULT: Reference Power cond.

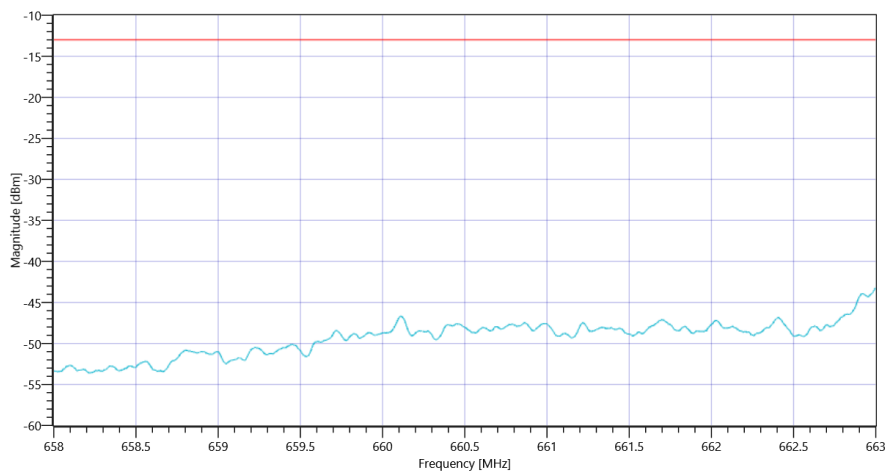
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.42	dBm	INFO
Ref. Frequency	---	---	666.910	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.42 0 30
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-34.46	dBm	PASS
Frequency [MHz] 664.5	---	-13	-35.56	dBm	PASS
Frequency [MHz] 665.5	---	-13	-35.4	dBm	PASS
Frequency [MHz] 666.5	---	-13	-37.45	dBm	PASS
Frequency [MHz] 667.5	---	-13	-39.7	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: low , UL[MHz]/CH 673/0 , CBW [MHz]: 20 , RB_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.10	dBm	INFO
Ref. Frequency	---	---	667.510	MHz	INFO

READ SA SETTINGS:

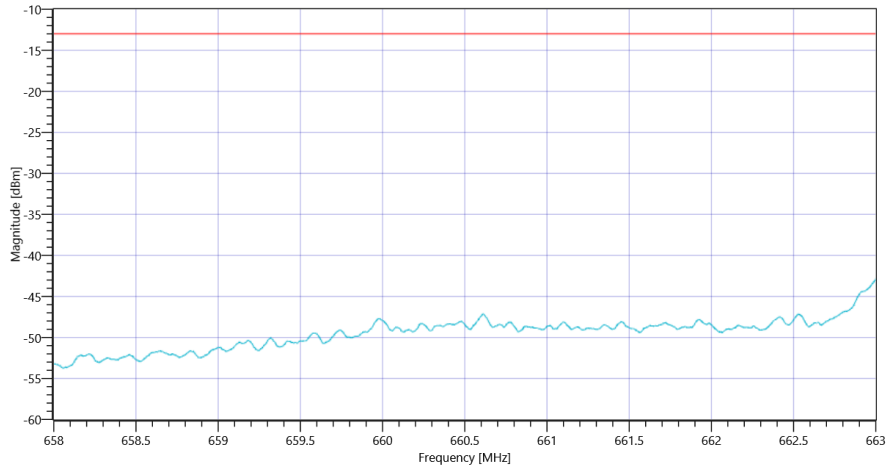
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.10 0 35
Start [MHz] Stop [MHz]	658.000 663.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 663.5	---	-13	-34.64	dBm	PASS
Frequency [MHz] 664.5	---	-13	-35.92	dBm	PASS

RESULT lower band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 665.5	---	-13	-35.86	dBm	PASS
Frequency [MHz] 666.5	---	-13	-37.42	dBm	PASS
Frequency [MHz] 667.5	---	-13	-39.63	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict **PASS**

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:36:48
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 690.5/0 , CBW [MHz]: 15 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

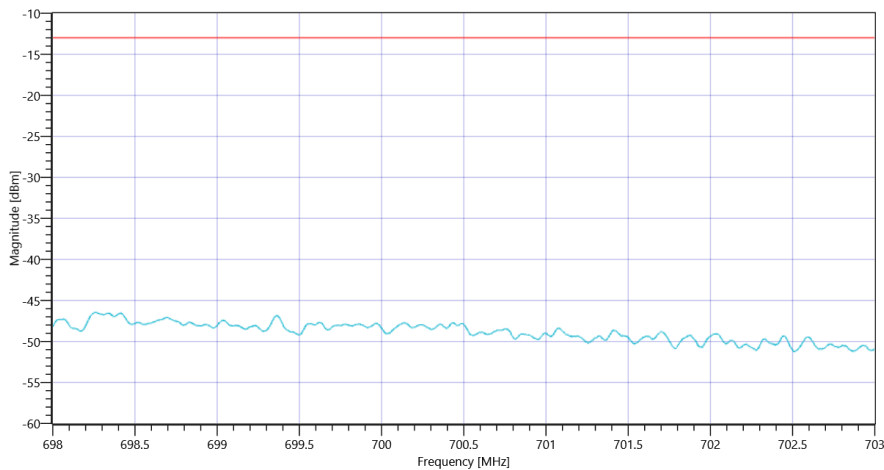
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.24	dBm	INFO
Ref. Frequency	---	---	695.990	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.24 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-34.79	dBm	PASS
Frequency [MHz] 699.5	---	-13	-35.36	dBm	PASS
Frequency [MHz] 700.5	---	-13	-35.86	dBm	PASS
Frequency [MHz] 701.5	---	-13	-36.79	dBm	PASS
Frequency [MHz] 702.5	---	-13	-37.6	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:29:39
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 680.5/0 , CBW [MHz]: 15 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

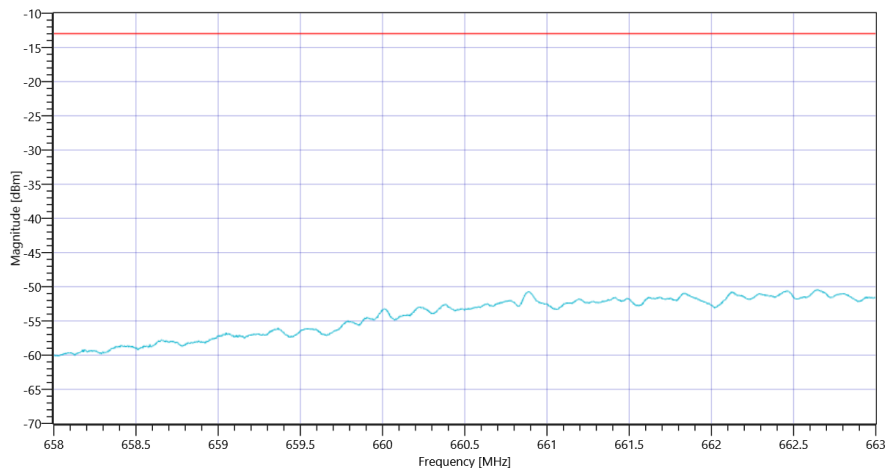
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.20	dBm	INFO
Ref. Frequency	---	---	682.900	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.20 0 35
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-38.67	dBm	PASS
Frequency [MHz] 664.5	---	-13	-39.32	dBm	PASS
Frequency [MHz] 665.5	---	-13	-40.17	dBm	PASS
Frequency [MHz] 666.5	---	-13	-43.49	dBm	PASS
Frequency [MHz] 667.5	---	-13	-46.02	dBm	PASS



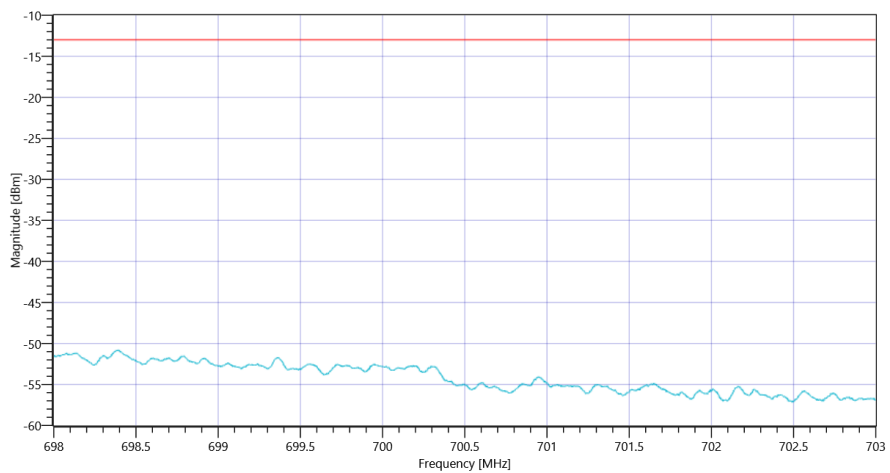
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.20 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-39.11	dBm	PASS
Frequency [MHz] 699.5	---	-13	-40.09	dBm	PASS
Frequency [MHz] 700.5	---	-13	-41.5	dBm	PASS
Frequency [MHz] 701.5	---	-13	-42.87	dBm	PASS
Frequency [MHz] 702.5	---	-13	-43.68	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict **PASS**

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:24:53
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
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 670.5/0 , CBW [MHz]: 15 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

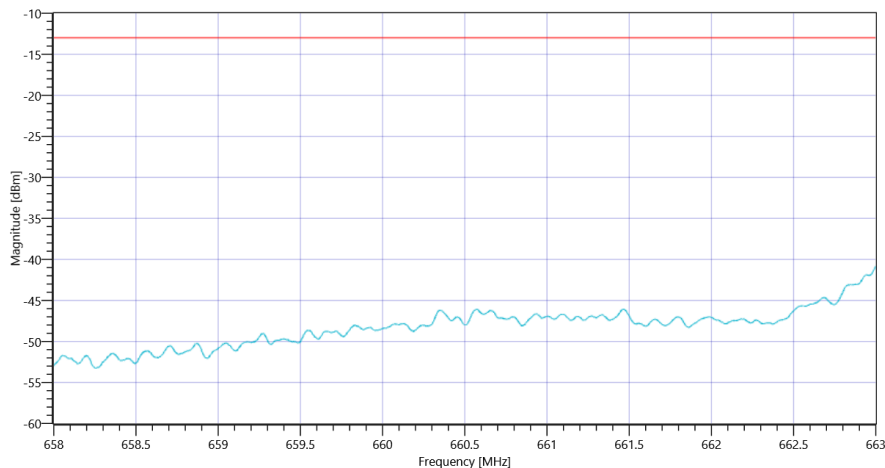
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.69	dBm	INFO
Ref. Frequency	---	---	668.100	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.69 0 35
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-32.61	dBm	PASS
Frequency [MHz] 664.5	---	-13	-34.54	dBm	PASS
Frequency [MHz] 665.5	---	-13	-34.58	dBm	PASS
Frequency [MHz] 666.5	---	-13	-36.65	dBm	PASS
Frequency [MHz] 667.5	---	-13	-39	dBm	PASS



FCC, ISSED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 13:04:08
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	True
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: low , UL[MHz]/CH 668/0 , CBW [MHz]: 10 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

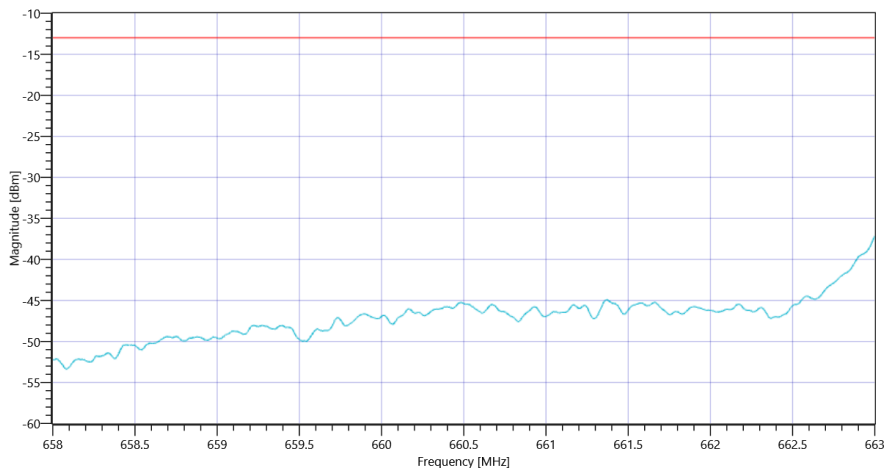
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	17.73	dBm	INFO
Ref. Frequency	---	---	670.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.73 0 35
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-30.7	dBm	PASS
Frequency [MHz] 664.5	---	-13	-33.26	dBm	PASS
Frequency [MHz] 665.5	---	-13	-33.6	dBm	PASS
Frequency [MHz] 666.5	---	-13	-35.5	dBm	PASS
Frequency [MHz] 667.5	---	-13	-37.99	dBm	PASS



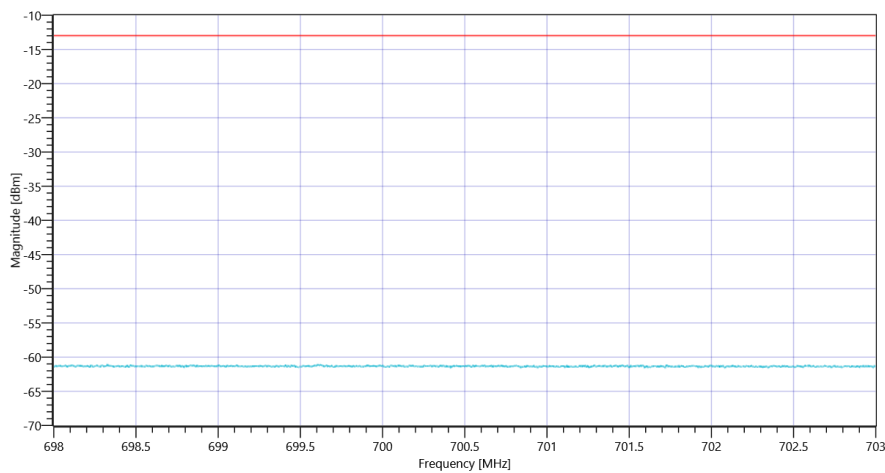
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.73 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-48.57	dBm	PASS
Frequency [MHz] 699.5	---	-13	-48.58	dBm	PASS
Frequency [MHz] 700.5	---	-13	-48.6	dBm	PASS
Frequency [MHz] 701.5	---	-13	-48.61	dBm	PASS
Frequency [MHz] 702.5	---	-13	-48.63	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 10 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.83	dBm	INFO
Ref. Frequency	---	---	680.400	MHz	INFO

READ SA SETTINGS:

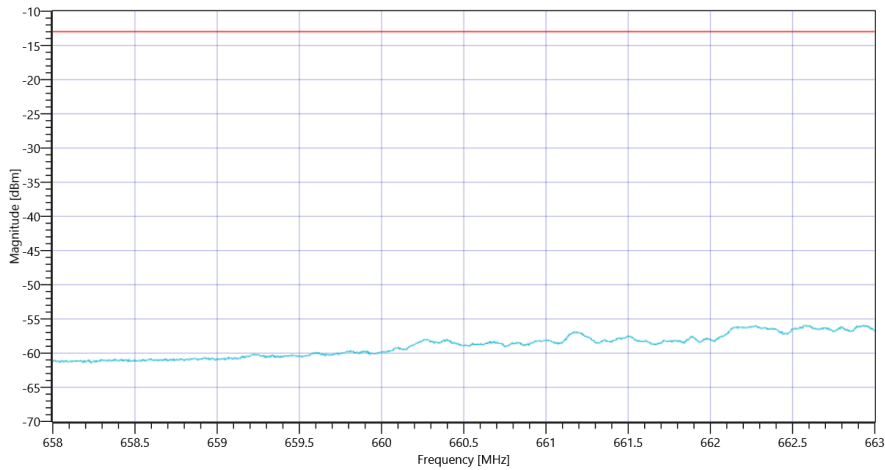
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.83 0 35
Start [MHz] Stop [MHz]	658.000 663.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 663.5	---	-13	-43.8	dBm	PASS
Frequency [MHz] 664.5	---	-13	-45.3	dBm	PASS

RESULT lower band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 665.5	---	-13	-45.95	dBm	PASS
Frequency [MHz] 666.5	---	-13	-47.56	dBm	PASS
Frequency [MHz] 667.5	---	-13	-48.31	dBm	PASS



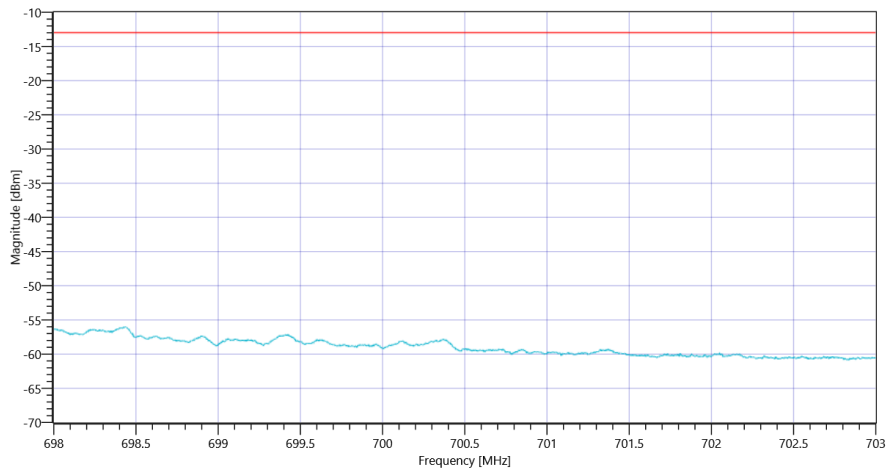
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.83 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-44.46	dBm	PASS
Frequency [MHz] 699.5	---	-13	-45.5	dBm	PASS
Frequency [MHz] 700.5	---	-13	-46.29	dBm	PASS
Frequency [MHz] 701.5	---	-13	-47.28	dBm	PASS
Frequency [MHz] 702.5	---	-13	-47.73	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: high , UL[MHz]/CH 693/0 , CBW [MHz]: 10 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

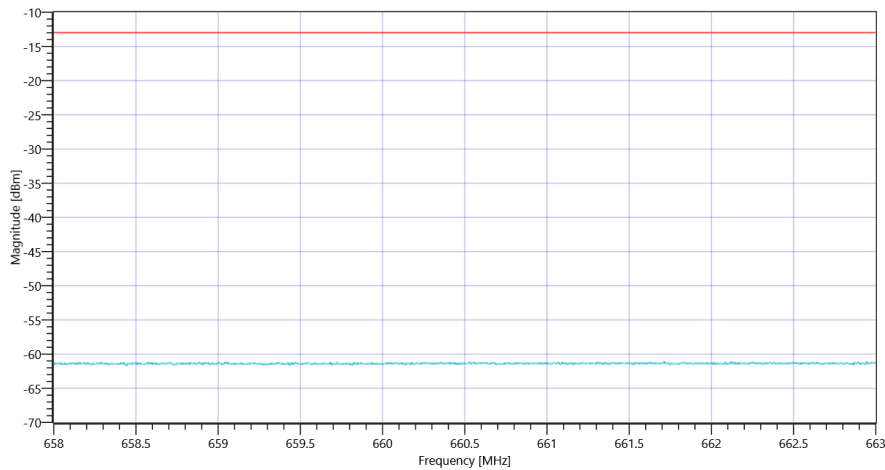
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.21	dBm	INFO
Ref. Frequency	---	---	689.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.21 0 35
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-48.62	dBm	PASS
Frequency [MHz] 664.5	---	-13	-48.62	dBm	PASS
Frequency [MHz] 665.5	---	-13	-48.63	dBm	PASS
Frequency [MHz] 666.5	---	-13	-48.67	dBm	PASS
Frequency [MHz] 667.5	---	-13	-48.66	dBm	PASS



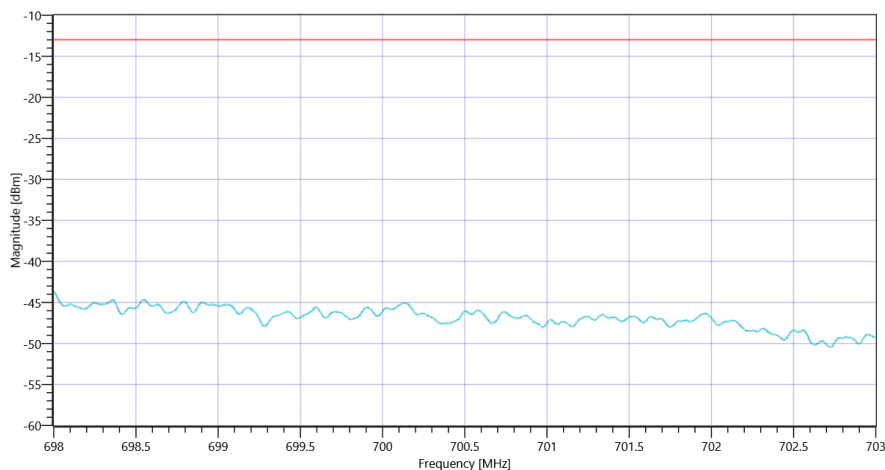
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.21 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-32.66	dBm	PASS
Frequency [MHz] 699.5	---	-13	-33.57	dBm	PASS
Frequency [MHz] 700.5	---	-13	-33.83	dBm	PASS
Frequency [MHz] 701.5	---	-13	-34.36	dBm	PASS
Frequency [MHz] 702.5	---	-13	-36.02	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

General verdict

PASS

FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test References	
TC Start	19.05.2022 12:33:40
Ambit Temp [°C] Humidity [rel%]	26.9 42
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED MobileRadio Block edge conducted - NR Band_71
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_71
SCS [kHz]	15
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True
Frequency mid to test	True
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: low , UL[MHz]/CH 665.5/0 , CBW [MHz]: 5 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

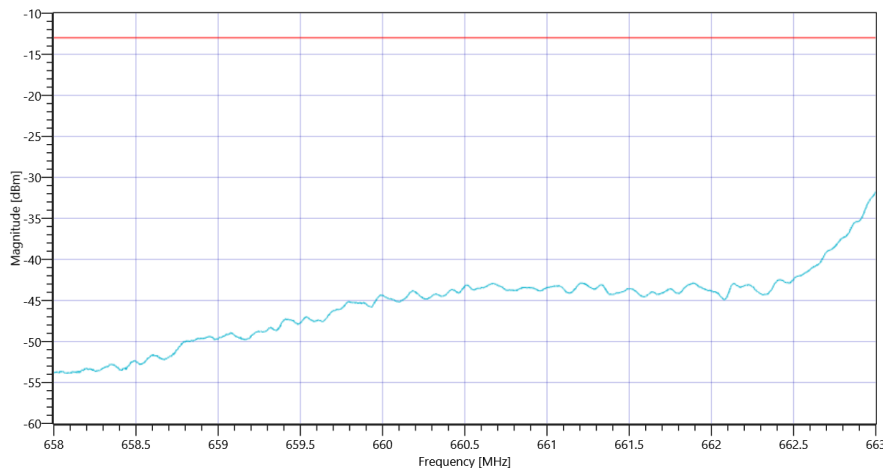
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	20.09	dBm	INFO
Ref. Frequency	---	---	666.900	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	20.09 0 40
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-26.3	dBm	PASS
Frequency [MHz] 664.5	---	-13	-30.93	dBm	PASS
Frequency [MHz] 665.5	---	-13	-31.17	dBm	PASS
Frequency [MHz] 666.5	---	-13	-34.42	dBm	PASS
Frequency [MHz] 667.5	---	-13	-39.16	dBm	PASS



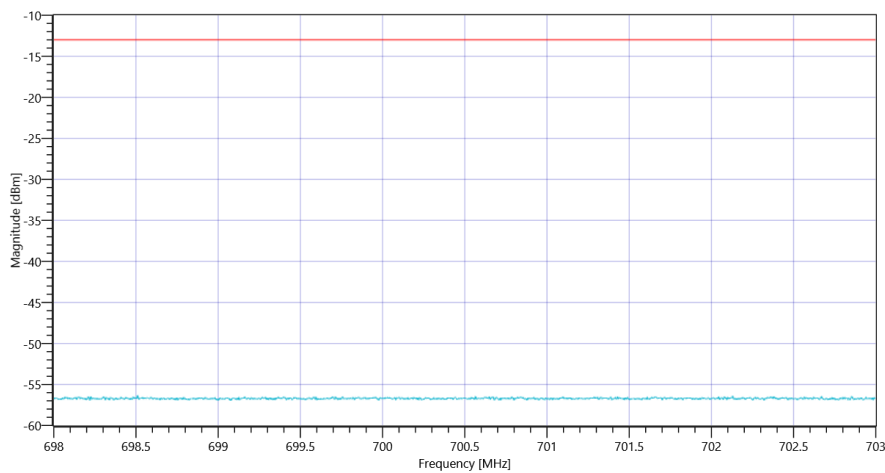
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	20.09 0 40
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-43.98	dBm	PASS
Frequency [MHz] 699.5	---	-13	-43.97	dBm	PASS
Frequency [MHz] 700.5	---	-13	-43.97	dBm	PASS
Frequency [MHz] 701.5	---	-13	-43.97	dBm	PASS
Frequency [MHz] 702.5	---	-13	-43.97	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: mid , UL[MHz]/CH 680.5/0 , CBW [MHz]: 5 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.53	dBm	INFO
Ref. Frequency	---	---	682.300	MHz	INFO

READ SA SETTINGS:

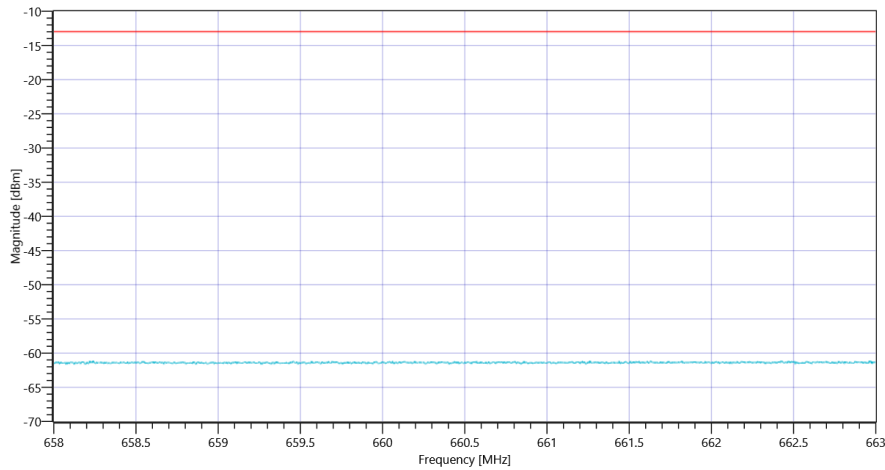
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.53 0 35
Start [MHz] Stop [MHz]	658.000 663.000
RBW [MHz] VBW [MHz]	0.050000 0.200000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	30000 1 1001 SWE

RESULT lower band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Band power 1MHz					
Frequency [MHz] 663.5	---	-13	-48.63	dBm	PASS
Frequency [MHz] 664.5	---	-13	-48.65	dBm	PASS

RESULT lower band

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Frequency [MHz] 665.5	---	-13	-48.66	dBm	PASS
Frequency [MHz] 666.5	---	-13	-48.68	dBm	PASS
Frequency [MHz] 667.5	---	-13	-48.68	dBm	PASS



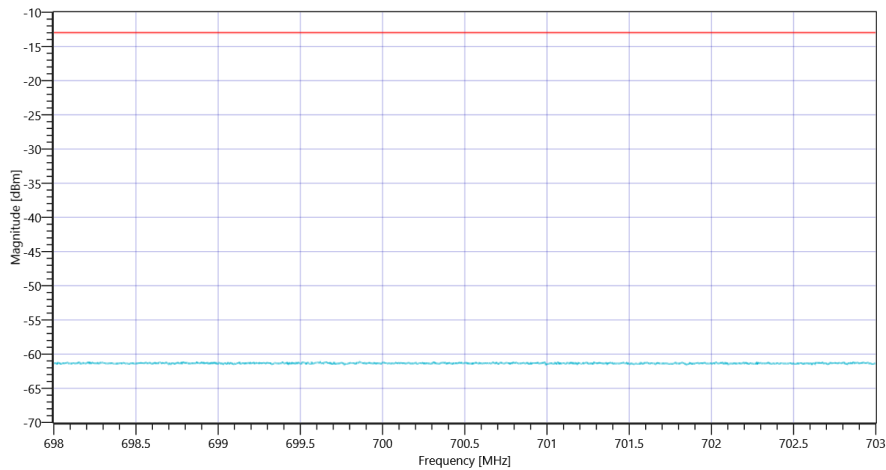
FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.53 0 35
Start [MHz] Stop [MHz]	698.000 703.000
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] 698.5	---	-13	-48.59	dBm	PASS
Frequency [MHz] 699.5	---	-13	-48.59	dBm	PASS
Frequency [MHz] 700.5	---	-13	-48.59	dBm	PASS
Frequency [MHz] 701.5	---	-13	-48.62	dBm	PASS
Frequency [MHz] 702.5	---	-13	-48.61	dBm	PASS



FCC, ISED # Block edge conducted ~ NR Band_71 Ant-1 SCS-15

Test freq: high , UL[MHz]/CH 695.5/0 , CBW [MHz]: 5 , RB_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	12.96	dBm	INFO
Ref. Frequency	---	---	697.300	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.96 0 30
Start [MHz] Stop [MHz]	658.000 663.000
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] 663.5	---	-13	-54.01	dBm	PASS
Frequency [MHz] 664.5	---	-13	-54.03	dBm	PASS
Frequency [MHz] 665.5	---	-13	-54.01	dBm	PASS
Frequency [MHz] 666.5	---	-13	-54.04	dBm	PASS
Frequency [MHz] 667.5	---	-13	-54.05	dBm	PASS