

Test at BW [MHz]: 100

UL[MHz]/CH 2593/0 , CBW [MHz]: 100 , RB\_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

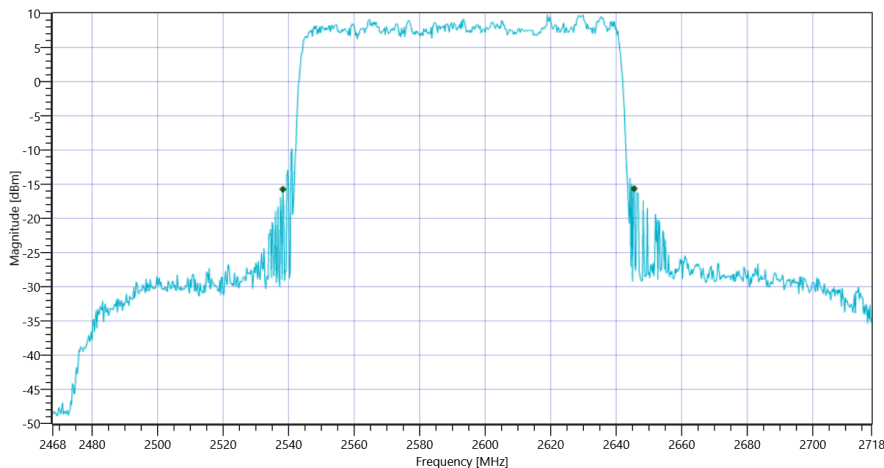
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	4.97	dBm	INFO
Ref. Frequency	---	---	2585.310	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	4.97   0   20
Start [MHz]   Stop [MHz]	2468.000   2718.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	107.25	MHz	INFO

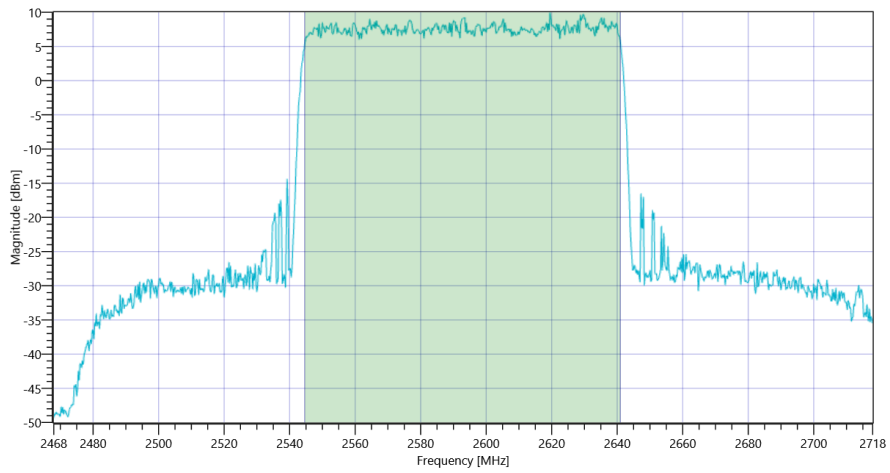


RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	96.404	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	4.97   0   20
Start [MHz]   Stop [MHz]	2468.000   2718.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 08:31:17
Ambit Temp [°C]   Humidity [rel%]	27.5   34
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

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

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

RESULT: Reference Power cond.

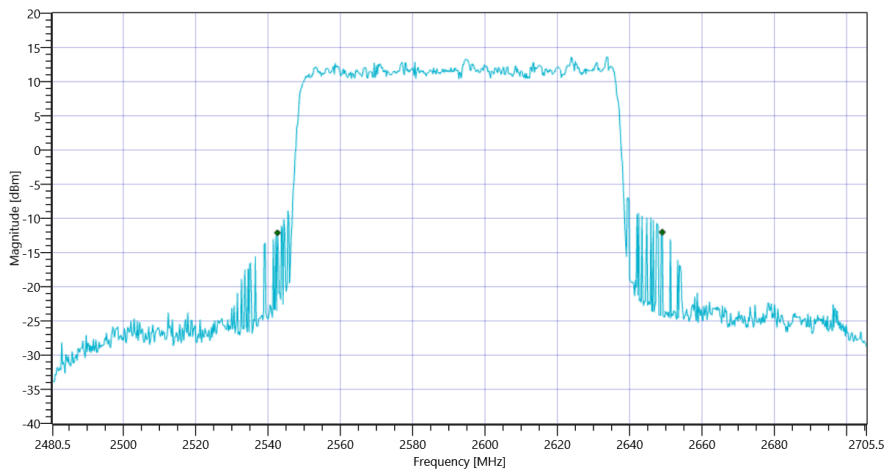
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	10.80	dBm	INFO
Ref. Frequency	---	---	2624.070	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.80   0   30
Start [MHz]   Stop [MHz]	2480.500   2705.500
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	106.425	MHz	INFO

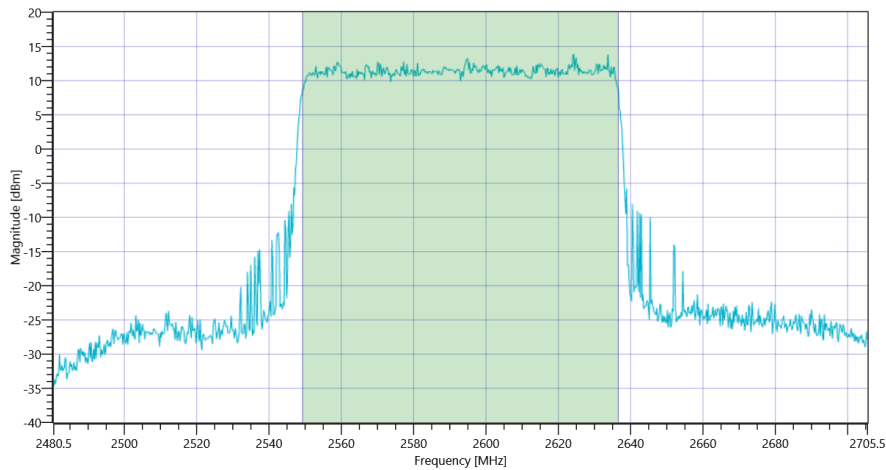


RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	87.213	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.80   0   25
Start [MHz]   Stop [MHz]	2480.500   2705.500
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

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

**RESULT: Reference Power cond.**

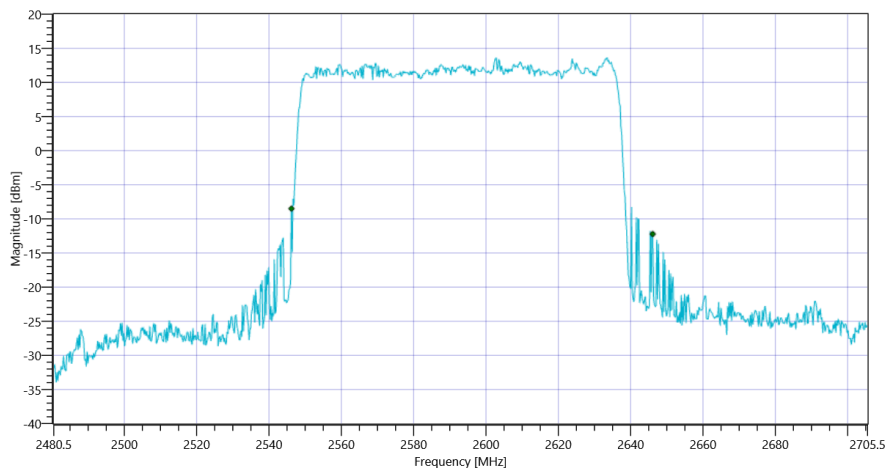
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	10.39	dBm	INFO
Ref. Frequency	---	---	2624.070	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.39   0   25
Start [MHz]   Stop [MHz]	2480.500   2705.500
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	99.9	MHz	INFO



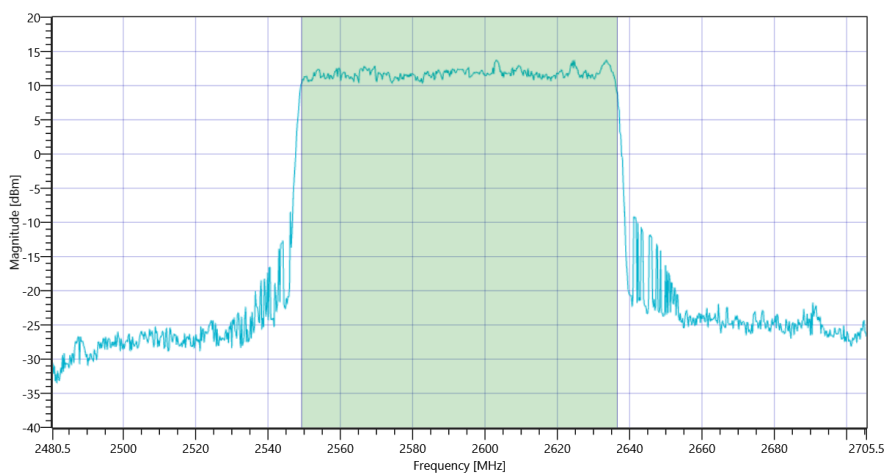
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	87.213	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.39   0   25
Start [MHz]   Stop [MHz]	2480.500   2705.500
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

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

**RESULT: Reference Power cond.**

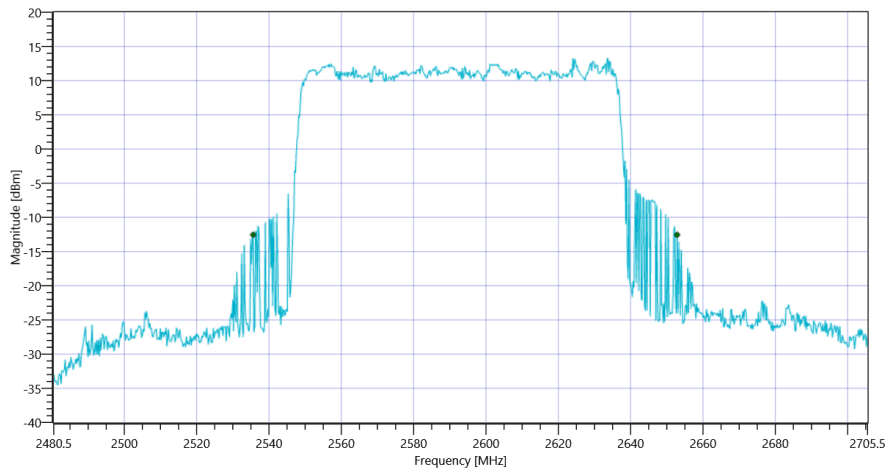
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	9.90	dBm	INFO
Ref. Frequency	---	---	2624.270	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.90   0   25
Start [MHz]   Stop [MHz]	2480.500   2705.500
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	117.225	MHz	INFO



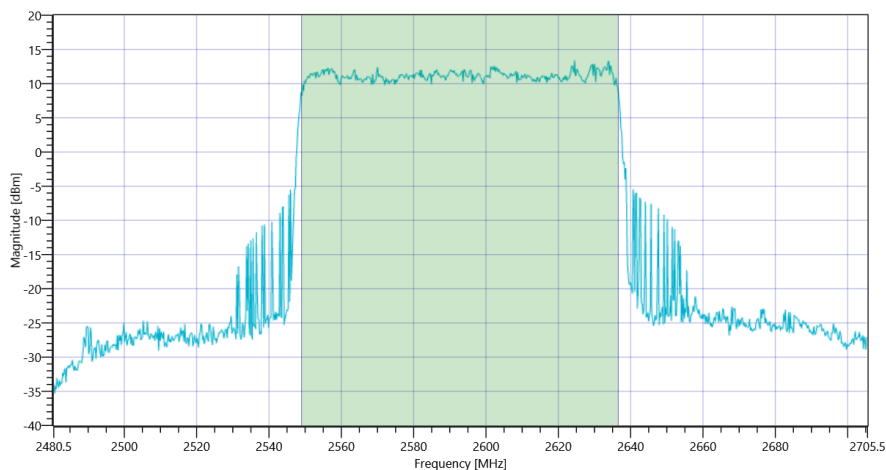
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	87.662	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.90   0   25
Start [MHz]   Stop [MHz]	2480.500   2705.500
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

General verdict

**PASS**

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 08:30:17
Ambit Temp [°C]   Humidity [rel%]	27.5   34
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

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

UL[MHz]/CH 2593/0 , CBW [MHz]: 90 , RB\_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

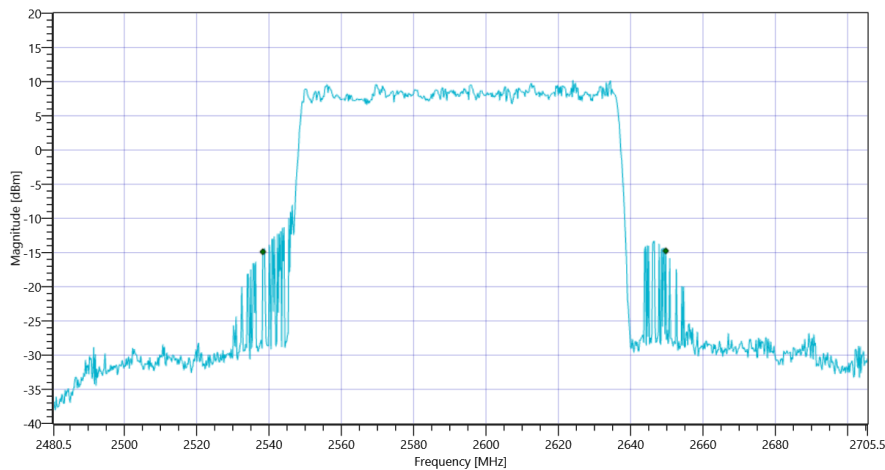
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	5.73	dBm	INFO
Ref. Frequency	---	---	2557.240	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	5.73   0   25
Start [MHz]   Stop [MHz]	2480.500   2705.500
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	111.375	MHz	INFO



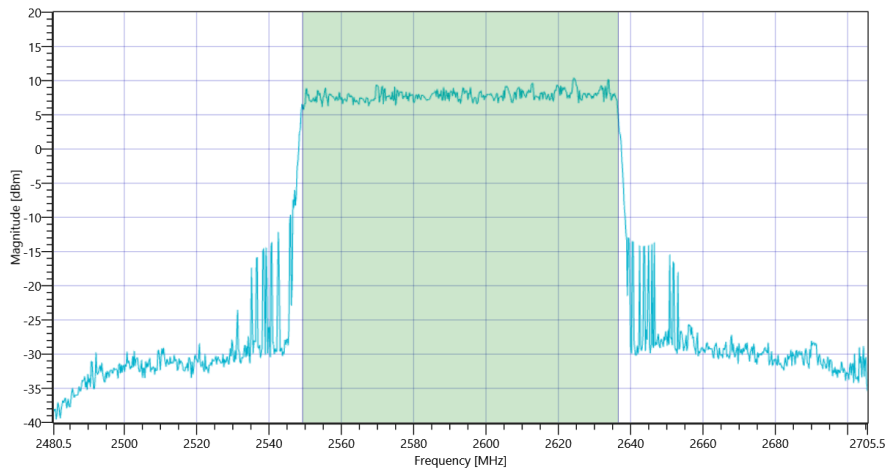
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	87.213	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	5.73   0   20
Start [MHz]   Stop [MHz]	2480.500   2705.500
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 08:25:51
Ambit Temp [°C]   Humidity [rel%]	27.6   34
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

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

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

RESULT: Reference Power cond.

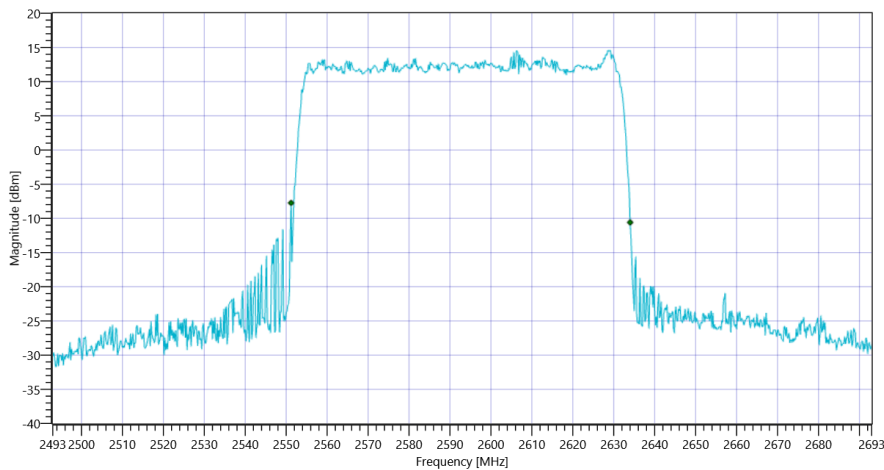
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	9.03	dBm	INFO
Ref. Frequency	---	---	2622.070	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.03   0   25
Start [MHz]   Stop [MHz]	2493.000   2693.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	82.8	MHz	INFO



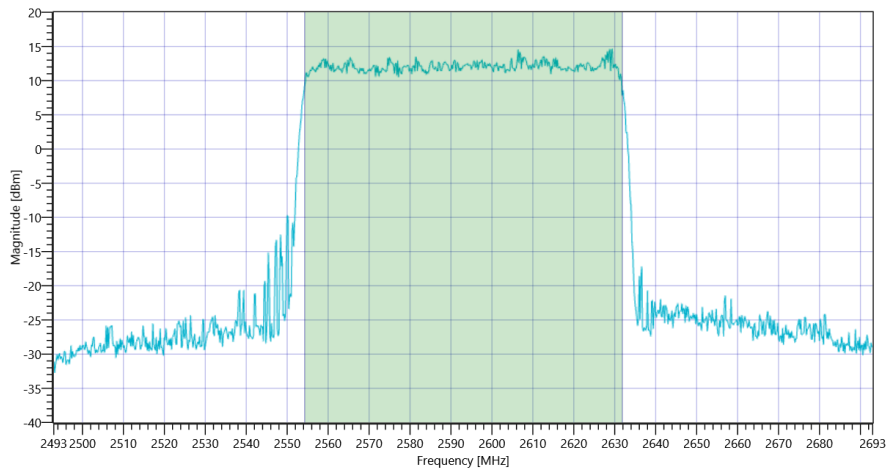
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	77.522	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.03   0   25
Start [MHz]   Stop [MHz]	2493.000   2693.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

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

**RESULT: Reference Power cond.**

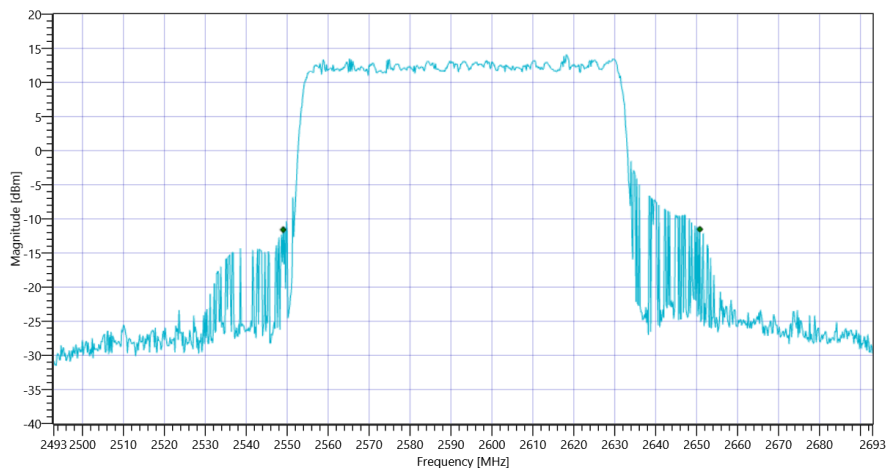
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	11.08	dBm	INFO
Ref. Frequency	---	---	2629.160	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	11.08   0   30
Start [MHz]   Stop [MHz]	2493.000   2693.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	101.8	MHz	INFO



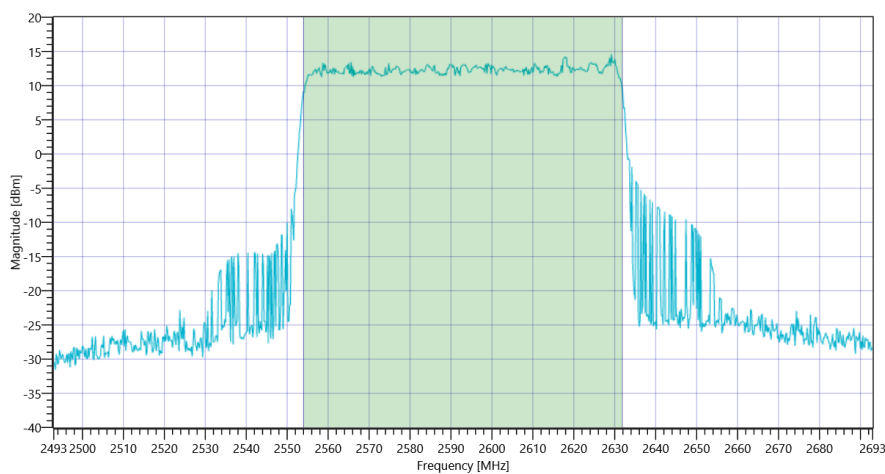
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	77.722	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	11.08   0   30
Start [MHz]   Stop [MHz]	2493.000   2693.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

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

**RESULT: Reference Power cond.**

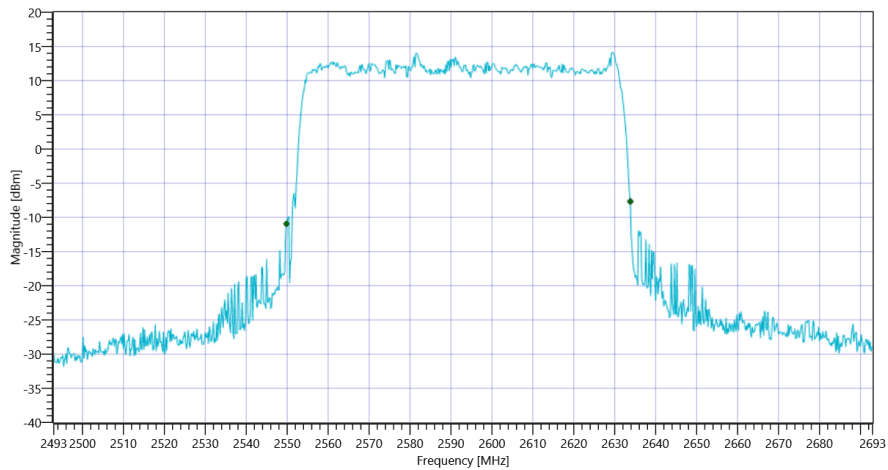
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	10.60	dBm	INFO
Ref. Frequency	---	---	2629.260	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.60   0   25
Start [MHz]   Stop [MHz]	2493.000   2693.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	84	MHz	INFO



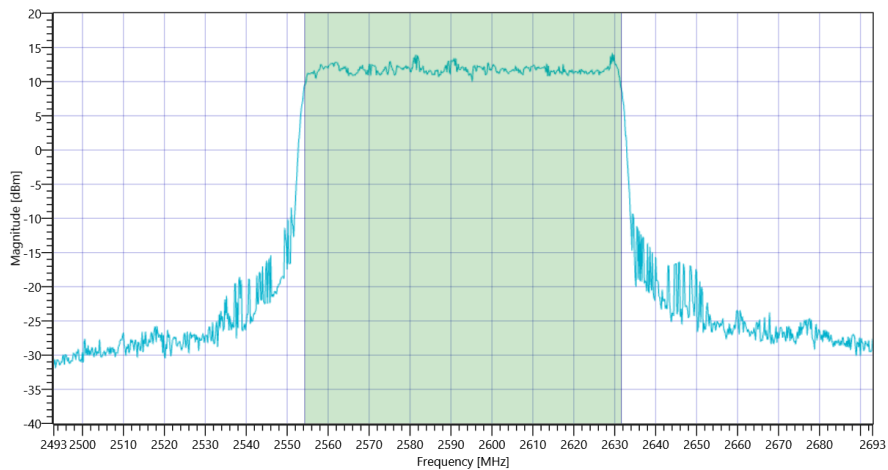
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	77.323	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.60   0   25
Start [MHz]   Stop [MHz]	2493.000   2693.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

General verdict

**PASS**

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 08:24:57
Ambit Temp [°C]   Humidity [rel%]	27.7   34
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

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

UL[MHz]/CH 2593/0 , CBW [MHz]: 80 , RB\_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

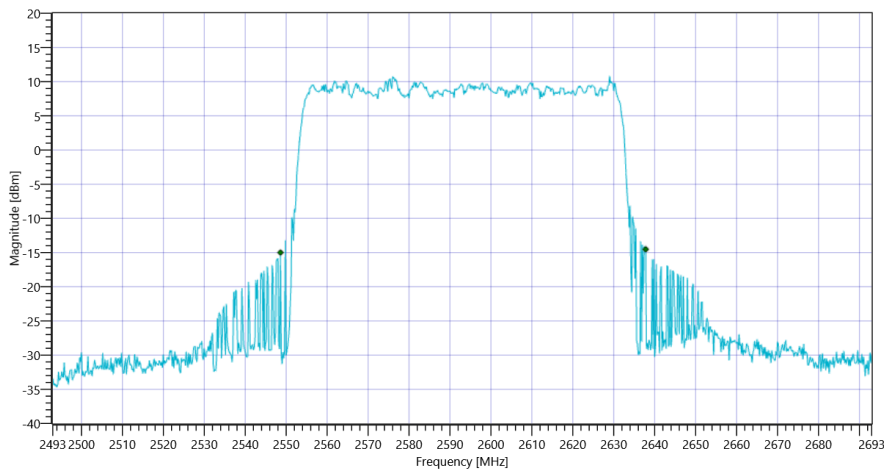
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	6.71	dBm	INFO
Ref. Frequency	---	---	2556.440	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	6.71   0   25
Start [MHz]   Stop [MHz]	2493.000   2693.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	89.2	MHz	INFO



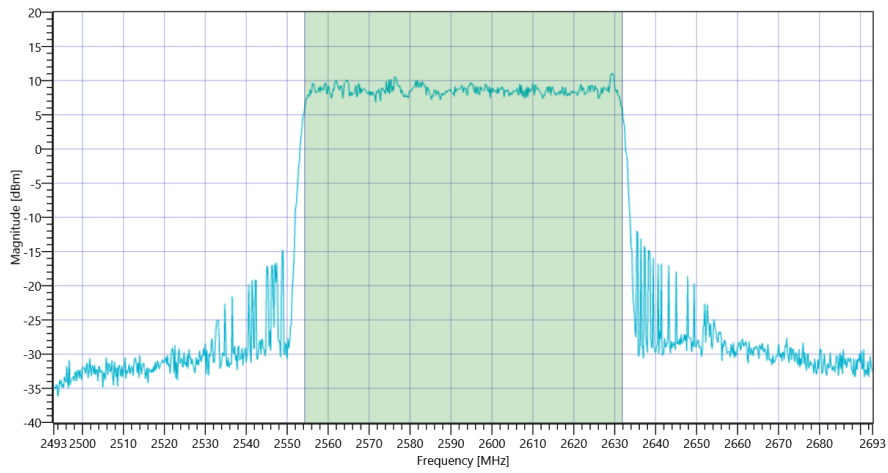
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	77.522	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	6.71   0   25
Start [MHz]   Stop [MHz]	2493.000   2693.000
RBW [MHz]   VBW [MHz]	2.000000   10.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 08:21:12
Ambit Temp [°C]   Humidity [rel%]	27.7   34
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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]: 60

UL[MHz]/CH 2593/0 , CBW [MHz]: 60 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

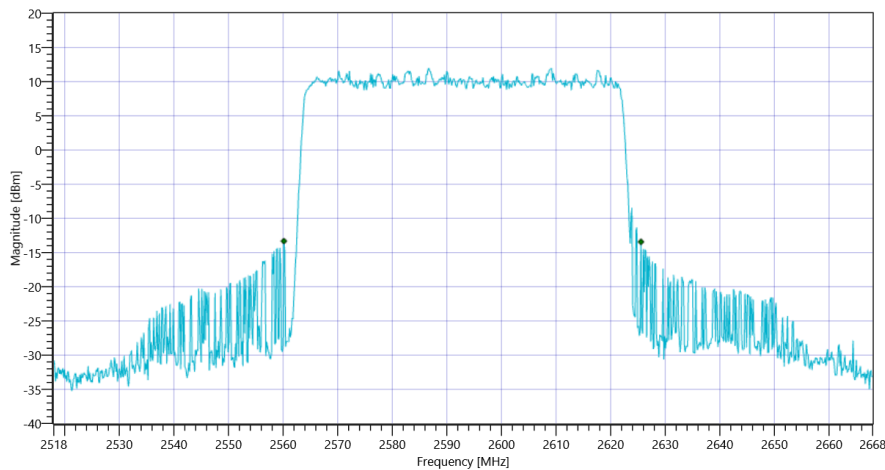
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	10.75	dBm	INFO
Ref. Frequency	---	---	2594.100	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.75   0   30
Start [MHz]   Stop [MHz]	2518.000   2668.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	65.4	MHz	INFO

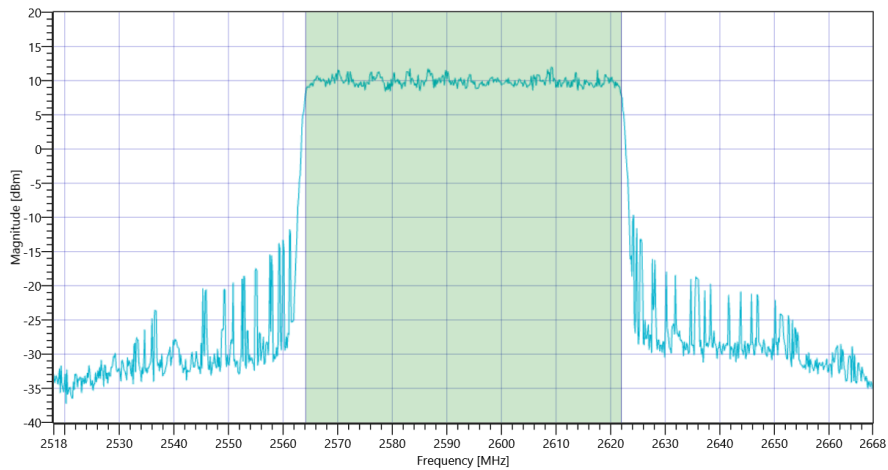


RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	57.842	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.75   0   25
Start [MHz]   Stop [MHz]	2518.000   2668.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 60 , RB\_100PCT , Mod: 16QAM

**RESULT: Reference Power cond.**

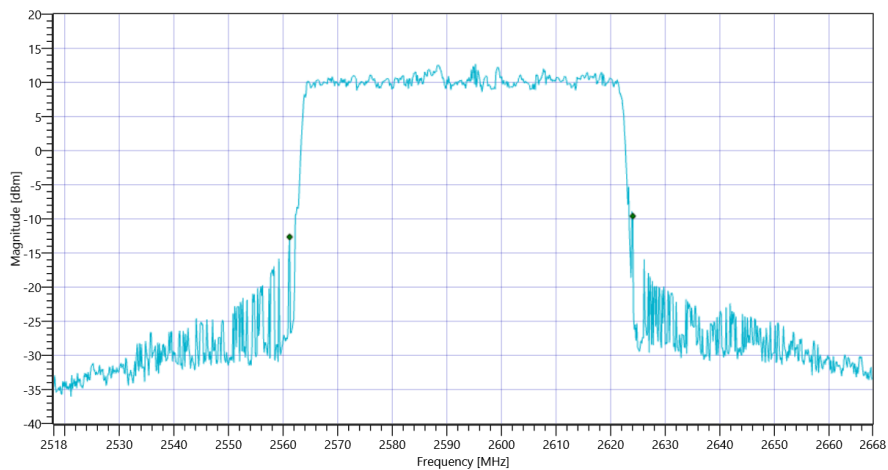
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	12.14	dBm	INFO
Ref. Frequency	---	---	2595.400	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	12.14   0   30
Start [MHz]   Stop [MHz]	2518.000   2668.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	62.85	MHz	INFO



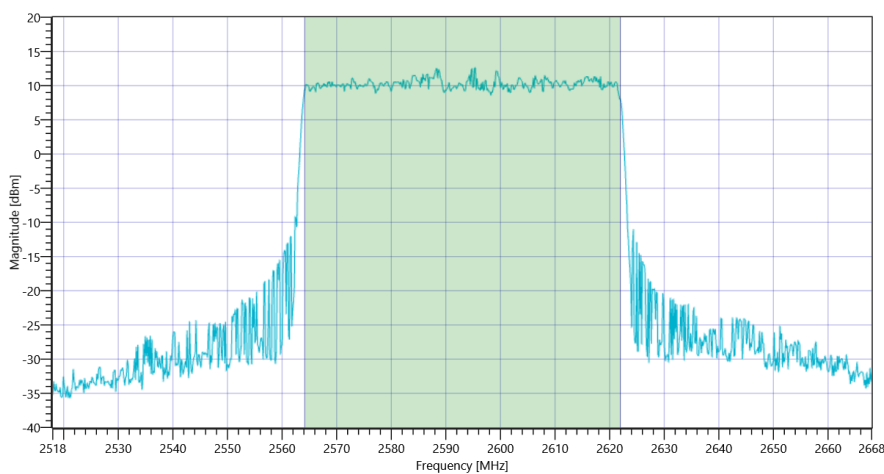
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	57.842	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	12.14   0   30
Start [MHz]   Stop [MHz]	2518.000   2668.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 60 , RB\_100PCT , Mod: 64QAM

**RESULT: Reference Power cond.**

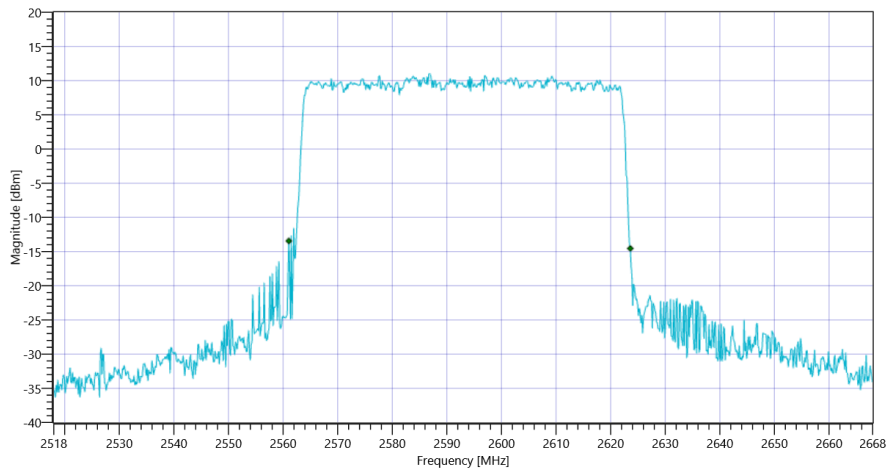
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	10.26	dBm	INFO
Ref. Frequency	---	---	2586.810	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.26   0   25
Start [MHz]   Stop [MHz]	2518.000   2668.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	62.55	MHz	INFO



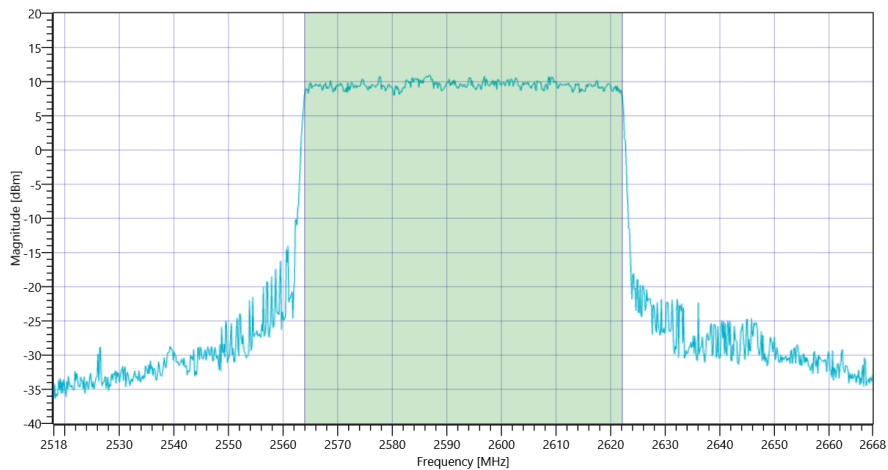
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	58.142	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.26   0   25
Start [MHz]   Stop [MHz]	2518.000   2668.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

General verdict

**PASS**

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 08:20:23
Ambit Temp [°C]   Humidity [rel%]	27.8   34
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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]: 60

UL[MHz]/CH 2593/0 , CBW [MHz]: 60 , RB\_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

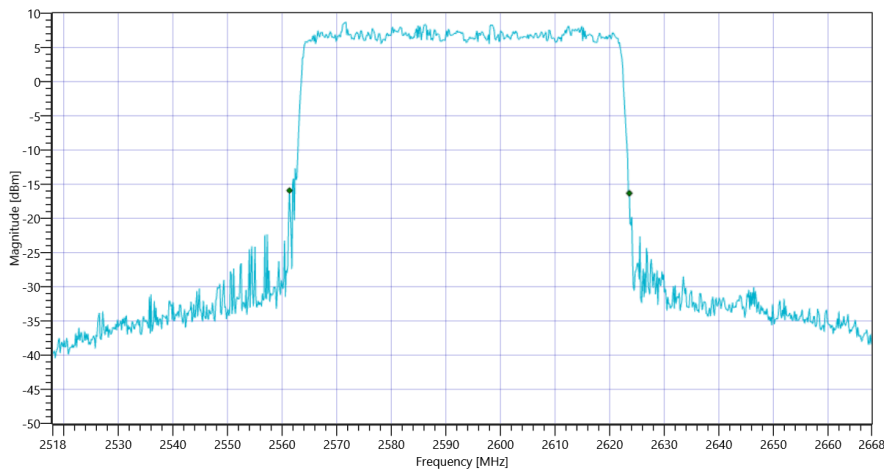
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	7.46	dBm	INFO
Ref. Frequency	---	---	2612.380	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	7.46   0   25
Start [MHz]   Stop [MHz]	2518.000   2668.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	62.25	MHz	INFO



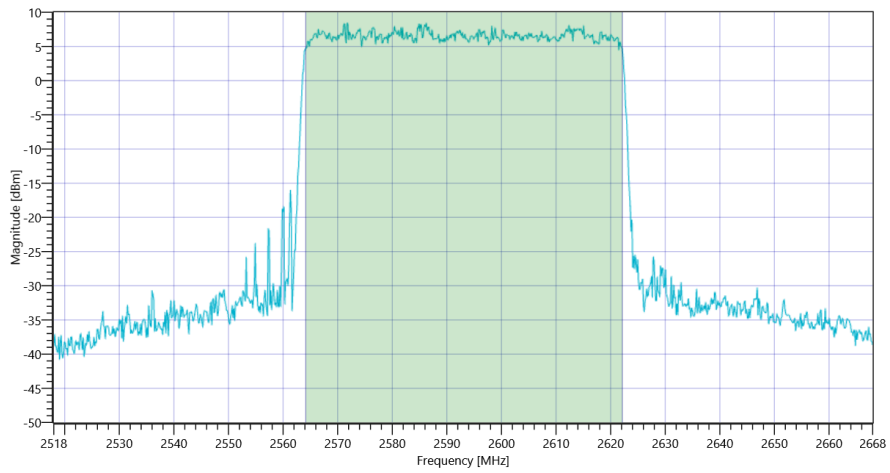
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	57.992	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	7.46   0   25
Start [MHz]   Stop [MHz]	2518.000   2668.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 07:56:54
Ambit Temp [°C]   Humidity [rel%]	28.6   32
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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]: 50

UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

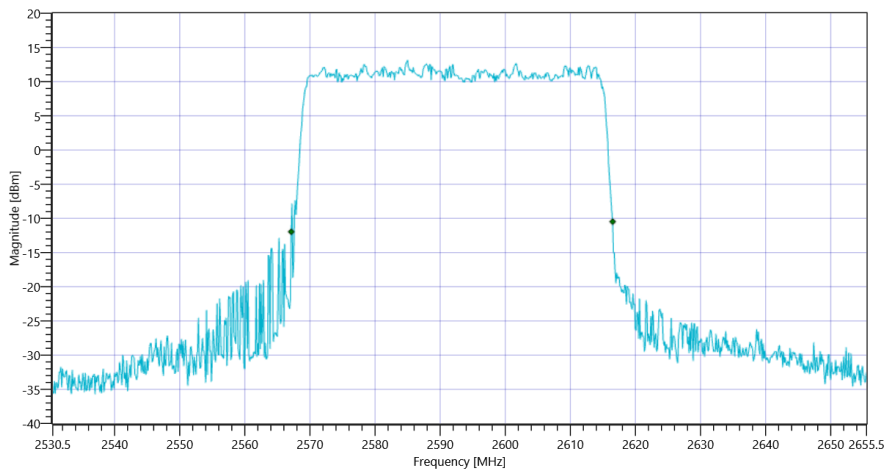
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	11.42	dBm	INFO
Ref. Frequency	---	---	2590.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	11.42   0   30
Start [MHz]   Stop [MHz]	2530.500   2655.500
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	49.375	MHz	INFO

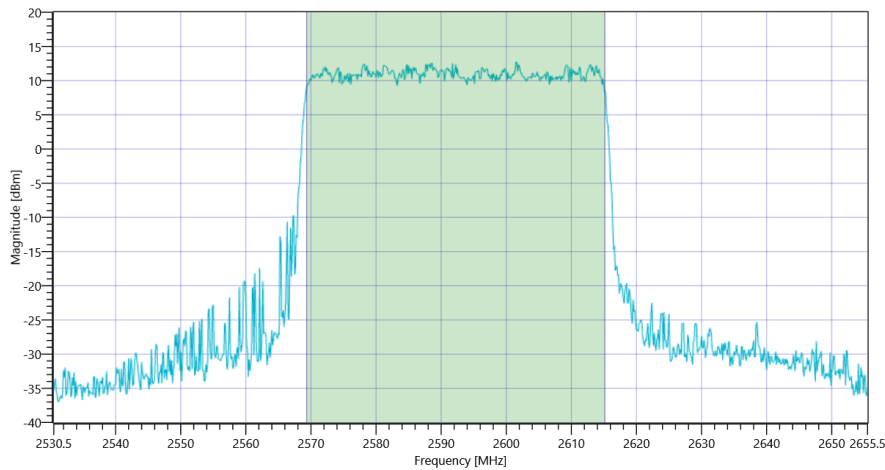


RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	45.829	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	11.42   0   30
Start [MHz]   Stop [MHz]	2530.500   2655.500
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB\_100PCT , Mod: 16QAM

**RESULT: Reference Power cond.**

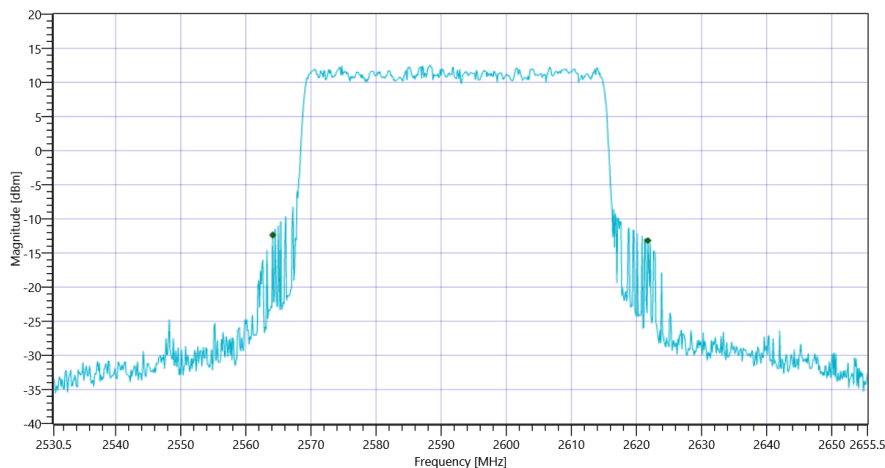
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	11.90	dBm	INFO
Ref. Frequency	---	---	2584.910	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	11.90   0   30
Start [MHz]   Stop [MHz]	2530.500   2655.500
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	57.625	MHz	INFO



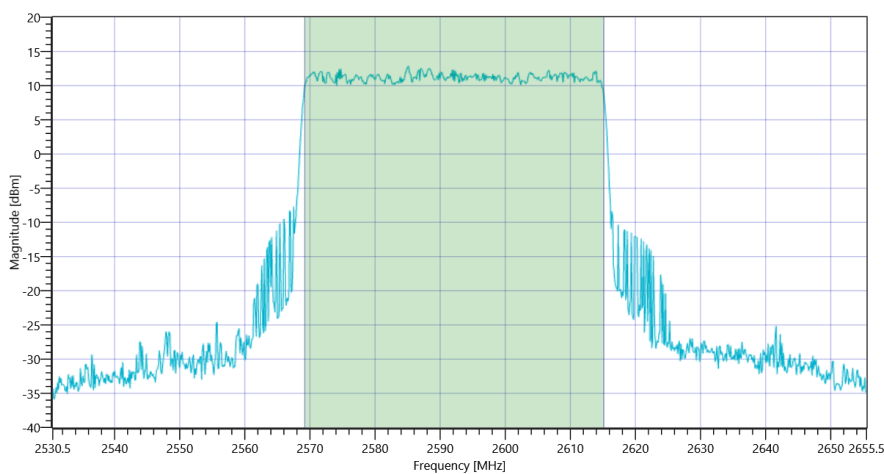
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	45.954	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	11.90   0   30
Start [MHz]   Stop [MHz]	2530.500   2655.500
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

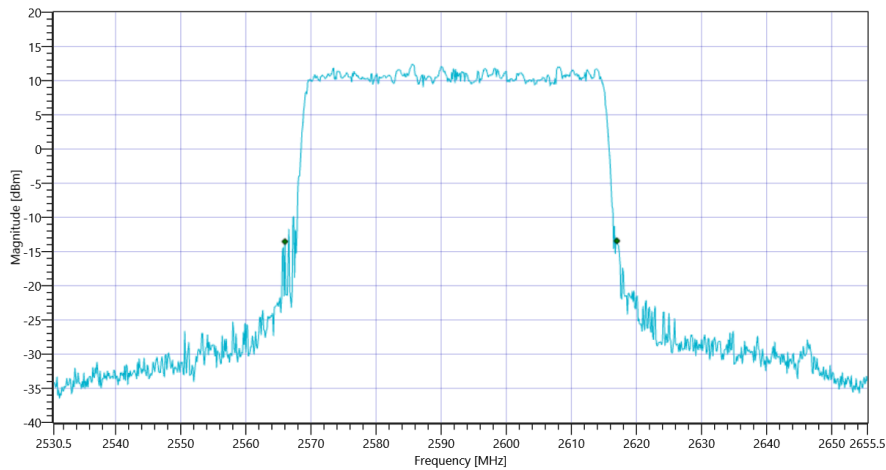
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	11.80	dBm	INFO
Ref. Frequency	---	---	2585.710	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	11.80   0   30
Start [MHz]   Stop [MHz]	2530.500   2655.500
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	51	MHz	INFO



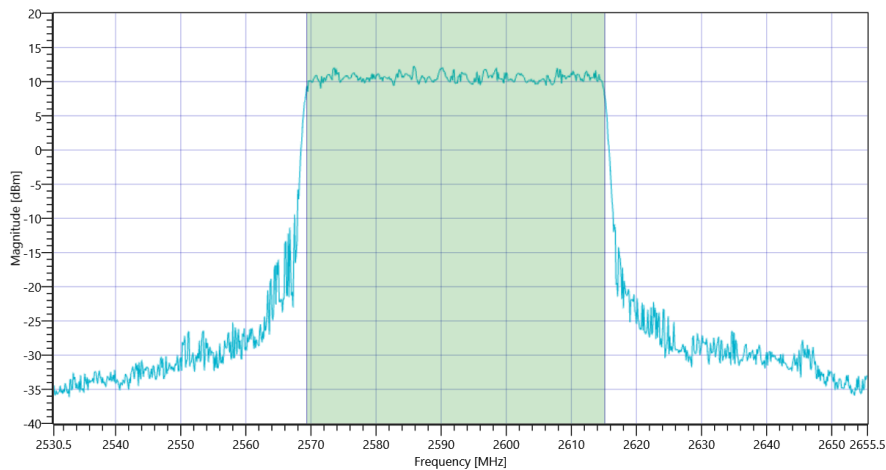
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	45.829	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	11.80   0   30
Start [MHz]   Stop [MHz]	2530.500   2655.500
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

General verdict

**PASS**

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 07:56:11
Ambit Temp [°C]   Humidity [rel%]	28.6   32
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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]: 50

UL[MHz]/CH 2593/0 , CBW [MHz]: 50 , RB\_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

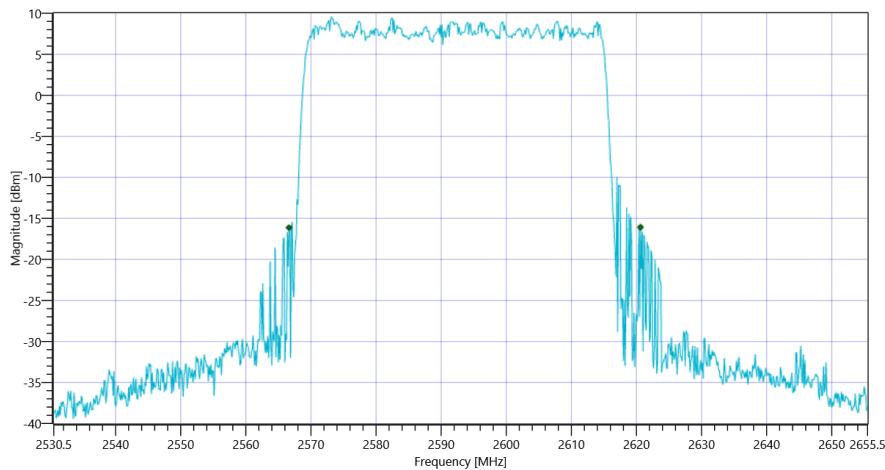
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	8.94	dBm	INFO
Ref. Frequency	---	---	2591.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	8.94   0   25
Start [MHz]   Stop [MHz]	2530.500   2655.500
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	54	MHz	INFO



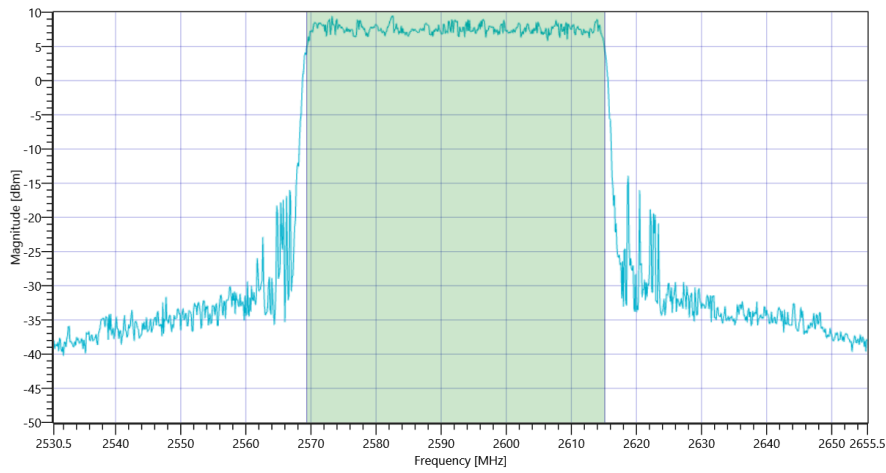
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	45.829	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	8.94   0   25
Start [MHz]   Stop [MHz]	2530.500   2655.500
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 07:53:53
Ambit Temp [°C]   Humidity [rel%]	28.7   32
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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

UL[MHz]/CH 2593/0 , CBW [MHz]: 40 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

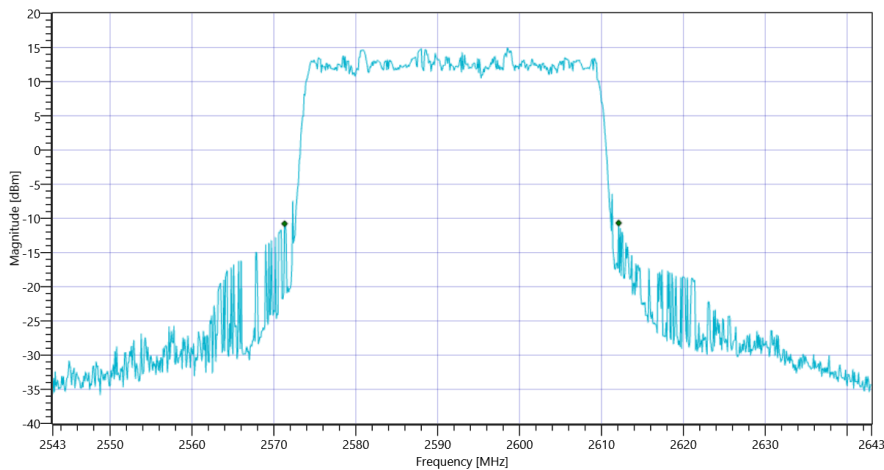
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	12.18	dBm	INFO
Ref. Frequency	---	---	2596.700	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	12.18   0   30
Start [MHz]   Stop [MHz]	2543.000   2643.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	40.8	MHz	INFO

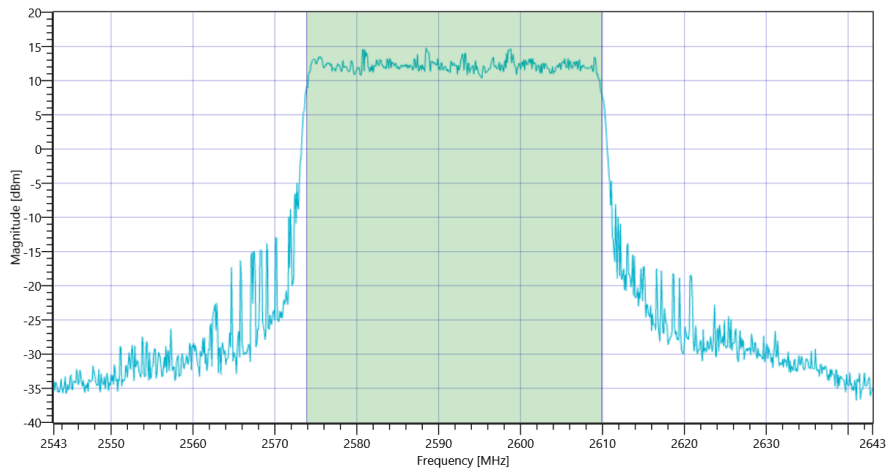


RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	12.18   0   30
Start [MHz]   Stop [MHz]	2543.000   2643.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 40 , RB\_100PCT , Mod: 16QAM

**RESULT: Reference Power cond.**

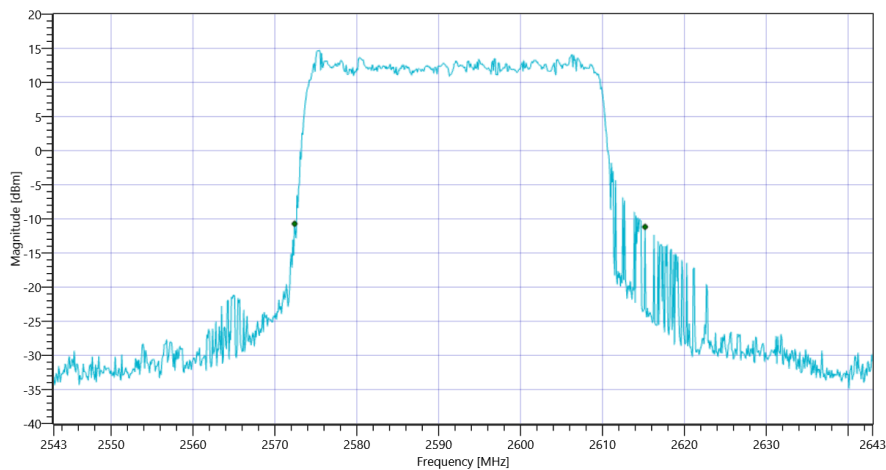
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.91	dBm	INFO
Ref. Frequency	---	---	2575.220	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	13.91   0   30
Start [MHz]   Stop [MHz]	2543.000   2643.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	42.8	MHz	INFO



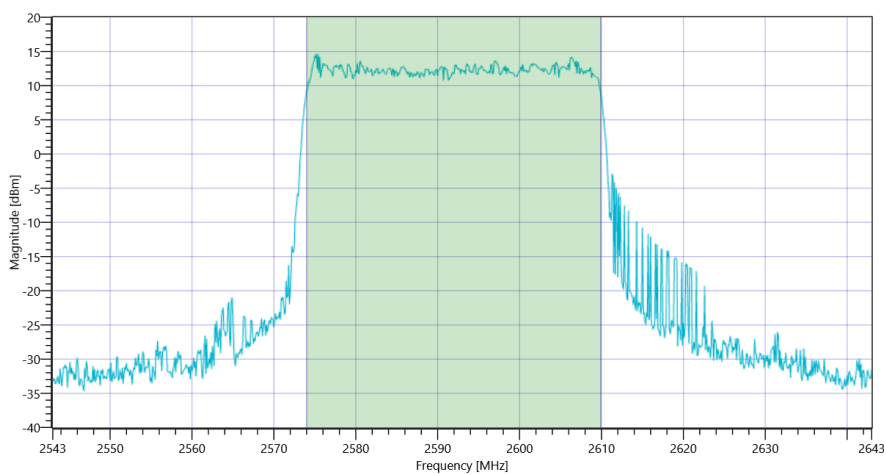
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.864	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	13.91   0   30
Start [MHz]   Stop [MHz]	2543.000   2643.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 40 , RB\_100PCT , Mod: 64QAM

**RESULT: Reference Power cond.**

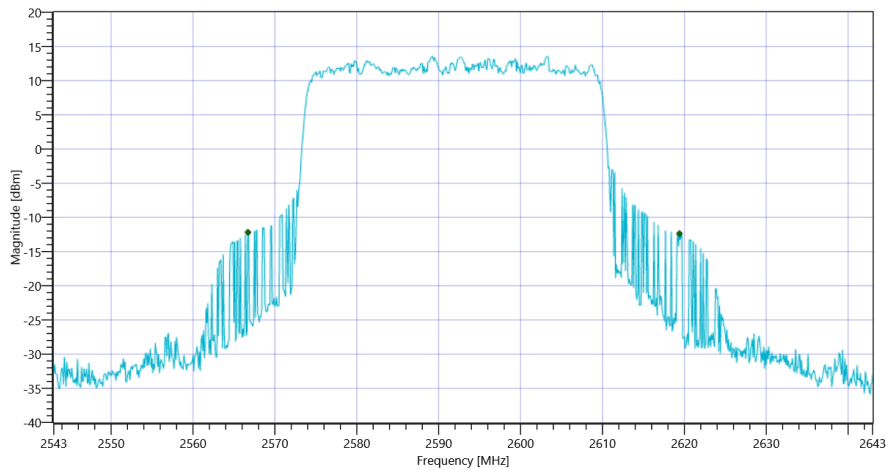
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.02	dBm	INFO
Ref. Frequency	---	---	2596.000	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	13.02   0   30
Start [MHz]   Stop [MHz]	2543.000   2643.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	52.7	MHz	INFO



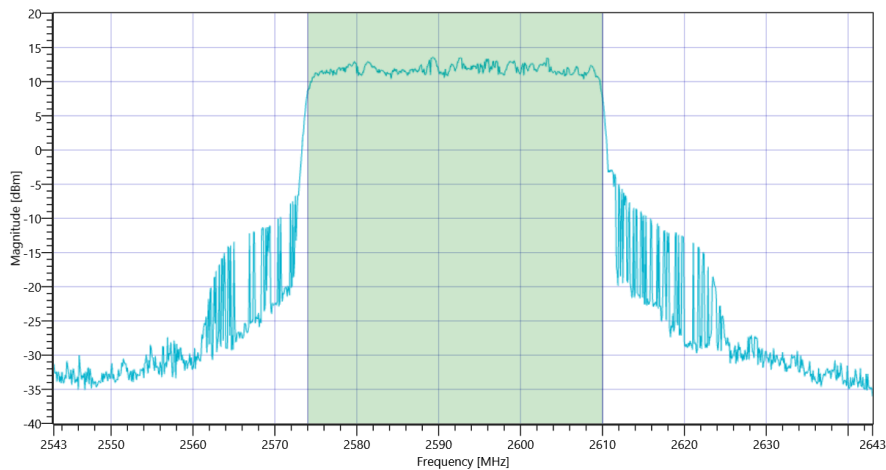
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	13.02   0   30
Start [MHz]   Stop [MHz]	2543.000   2643.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

General verdict

**PASS**

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 07:53:09
Ambit Temp [°C]   Humidity [rel%]	28.7   32
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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

UL[MHz]/CH 2593/0 , CBW [MHz]: 40 , RB\_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

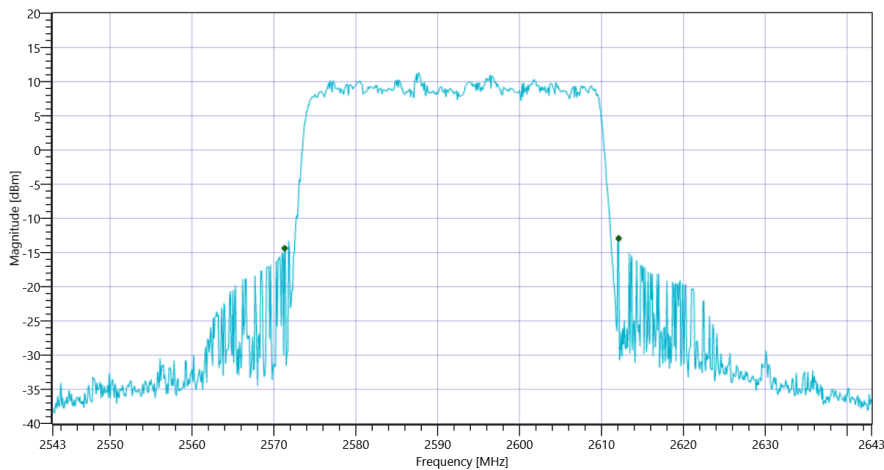
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	10.06	dBm	INFO
Ref. Frequency	---	---	2596.400	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.06   0   30
Start [MHz]   Stop [MHz]	2543.000   2643.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	40.8	MHz	INFO

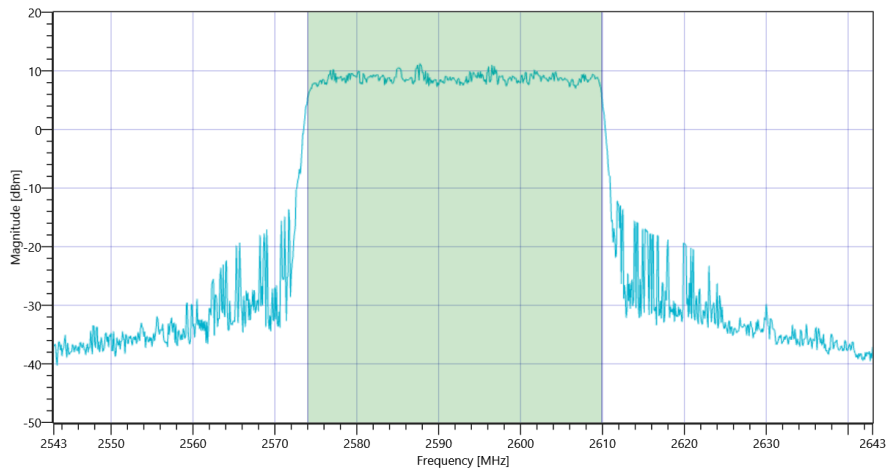


RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.864	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.06   0   25
Start [MHz]   Stop [MHz]	2543.000   2643.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 07:50:40
Ambit Temp [°C]   Humidity [rel%]	28.8   32
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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

UL[MHz]/CH 2593/0 , CBW [MHz]: 30 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

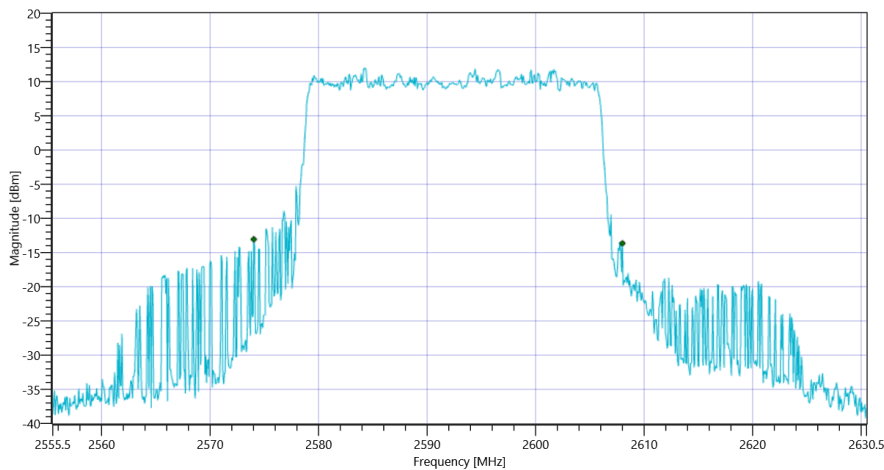
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.87	dBm	INFO
Ref. Frequency	---	---	2601.590	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	13.87   0   30
Start [MHz]   Stop [MHz]	2555.500   2630.500
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	33.975	MHz	INFO



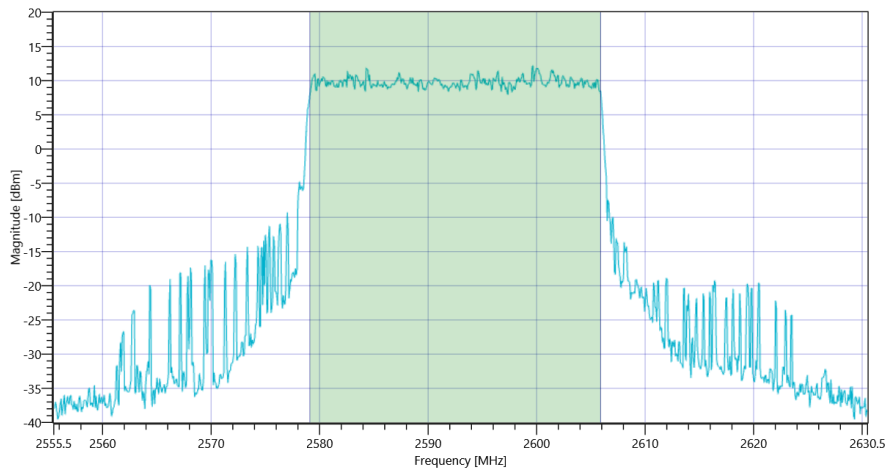
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	26.823	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	13.87   0   30
Start [MHz]   Stop [MHz]	2555.500   2630.500
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 30 , RB\_100PCT , Mod: 16QAM

**RESULT: Reference Power cond.**

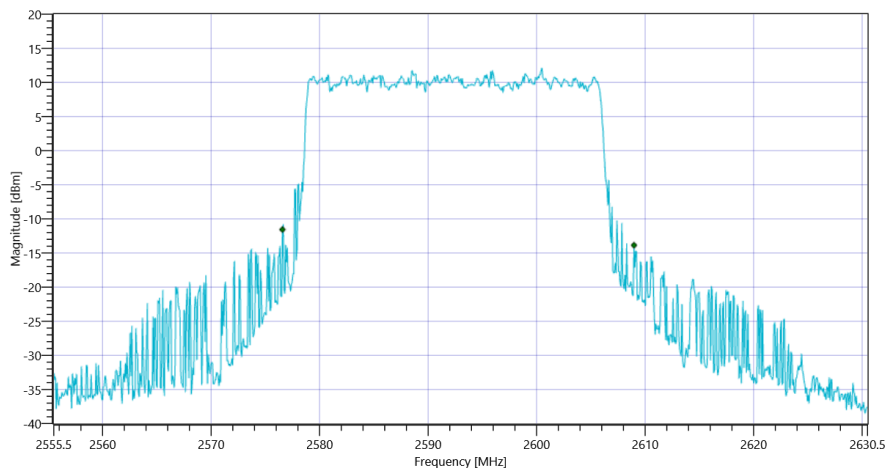
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.18	dBm	INFO
Ref. Frequency	---	---	2599.490	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	14.18   0   30
Start [MHz]   Stop [MHz]	2555.500   2630.500
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	32.4	MHz	INFO



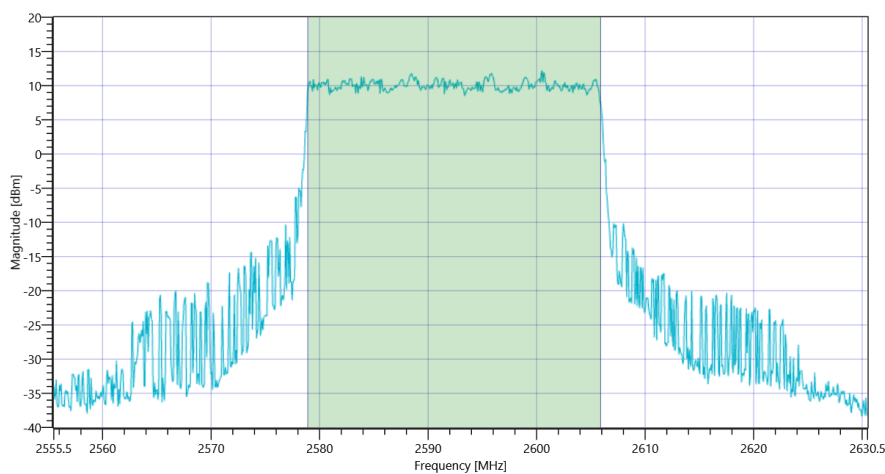
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	26.973	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	14.18   0   30
Start [MHz]   Stop [MHz]	2555.500   2630.500
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 30 , RB\_100PCT , Mod: 64QAM

RESULT: Reference Power cond.

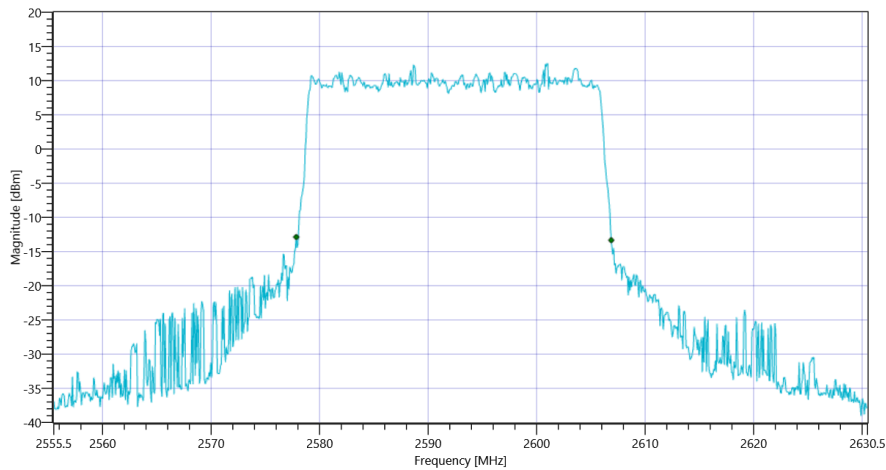
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.57	dBm	INFO
Ref. Frequency	---	---	2600.890	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	14.57   0   30
Start [MHz]   Stop [MHz]	2555.500   2630.500
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	29.025	MHz	INFO



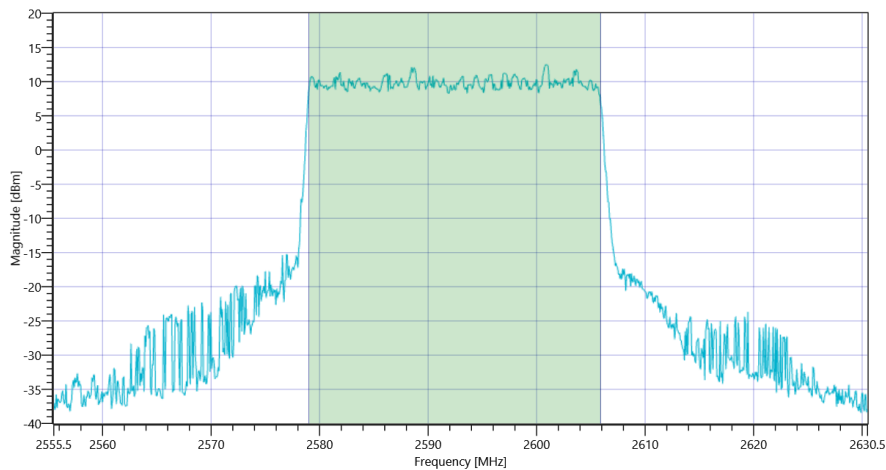
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

**RESULT 99%**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	26.898	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	14.57   0   30
Start [MHz]   Stop [MHz]	2555.500   2630.500
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

General verdict

**PASS**

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 07:49:57
Ambit Temp [°C]   Humidity [rel%]	28.8   32
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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

UL[MHz]/CH 2593/0 , CBW [MHz]: 30 , RB\_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

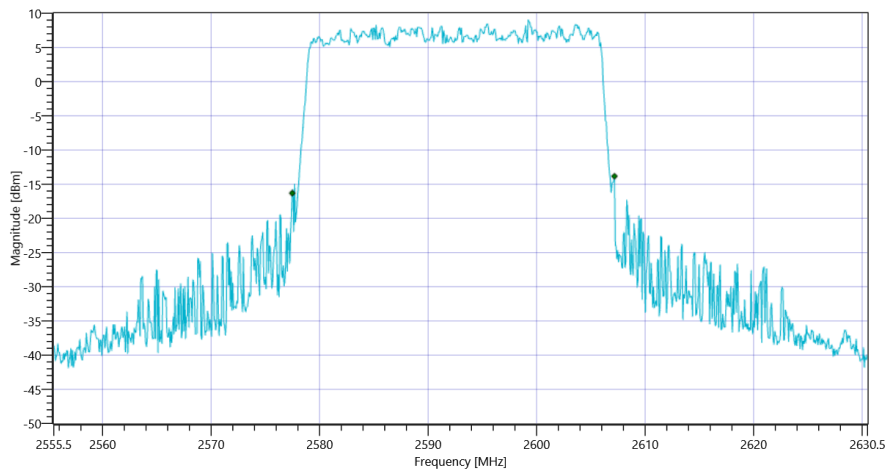
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	10.91	dBm	INFO
Ref. Frequency	---	---	2587.710	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.91   0   30
Start [MHz]   Stop [MHz]	2555.500   2630.500
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	29.7	MHz	INFO



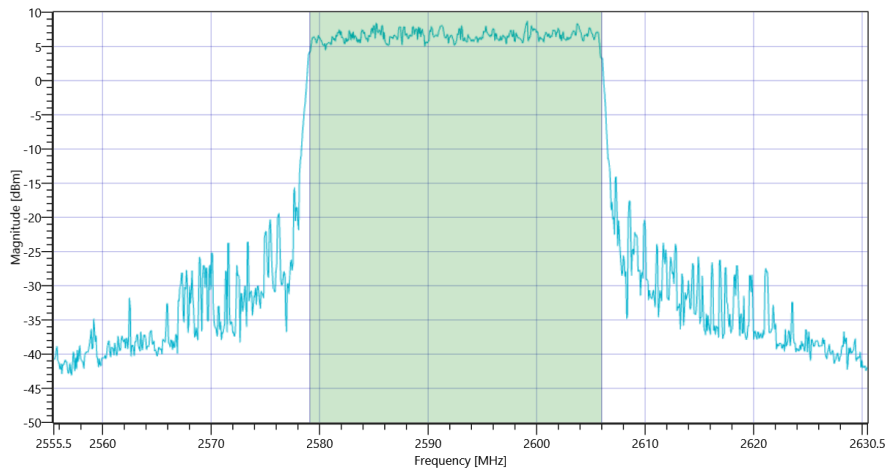
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	26.898	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.91   0   25
Start [MHz]   Stop [MHz]	2555.500   2630.500
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 07:48:48
Ambit Temp [°C]   Humidity [rel%]	28.9   32
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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

UL[MHz]/CH 2593/0 , CBW [MHz]: 20 , RB\_100PCT , Mod: 256QAM

RESULT: Reference Power cond.

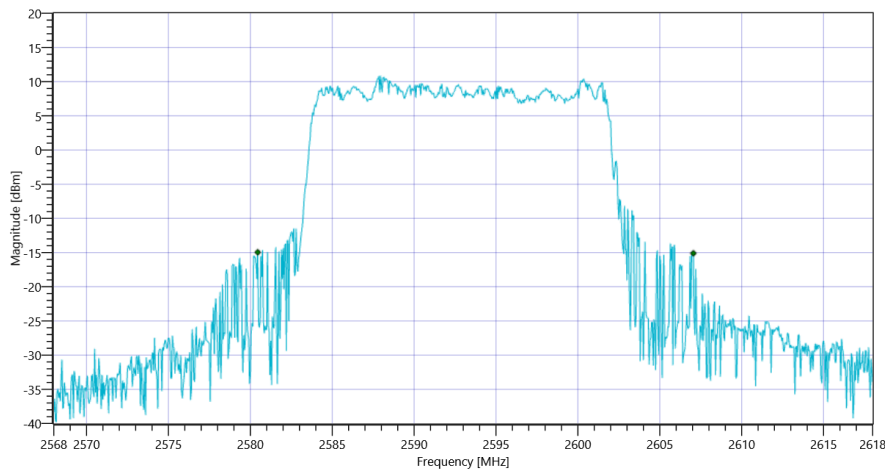
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	12.20	dBm	INFO
Ref. Frequency	---	---	2599.990	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	12.20   0   30
Start [MHz]   Stop [MHz]	2568.000   2618.000
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	26.6	MHz	INFO



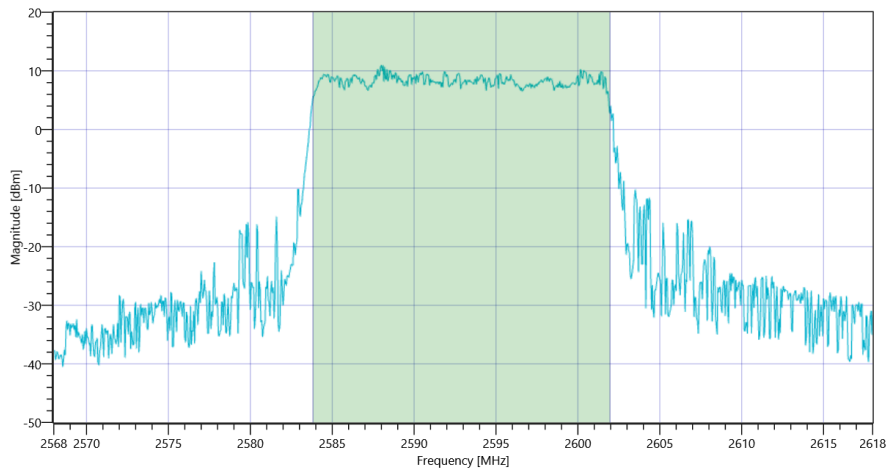
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	18.132	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	12.20   0   30
Start [MHz]   Stop [MHz]	2568.000   2618.000
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



General verdict

PASS

## FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30

Test References	
TC Start	27.05.2022 07:43:07
Ambit Temp [°C]   Humidity [rel%]	29.1   31
System Version	3.0.6.4
Test Specification	FCC, ISED -
Test Method	
TC Version	0.0.1
My Description	FCC/ISED Bandwidths 99PCT and 26dB - NR Band_41
Add. Information	

Test Parameter	
Technology to test	NR
Band	Band_41
SCS [kHz]	30
Antenna Port used	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

UL[MHz]/CH 2593/0 , CBW [MHz]: 20 , RB\_100PCT , Mod: QPSK

RESULT: Reference Power cond.

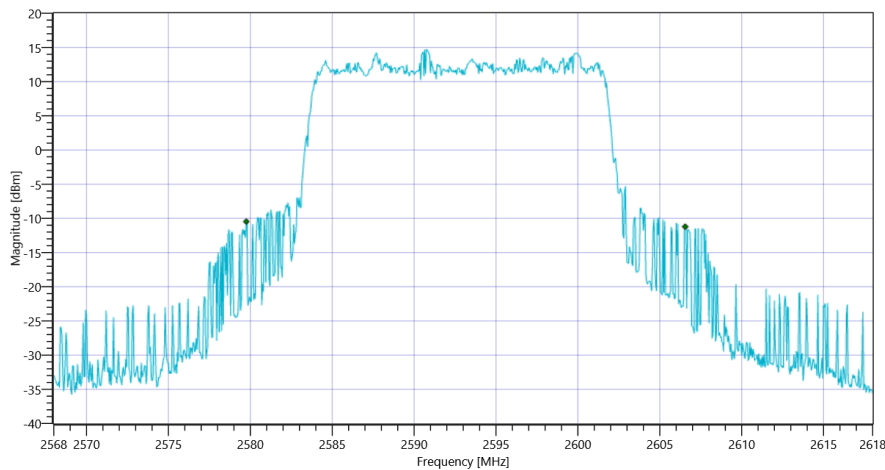
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.72	dBm	INFO
Ref. Frequency	---	---	2599.790	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	16.72   0   35
Start [MHz]   Stop [MHz]	2568.000   2618.000
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	26.8	MHz	INFO



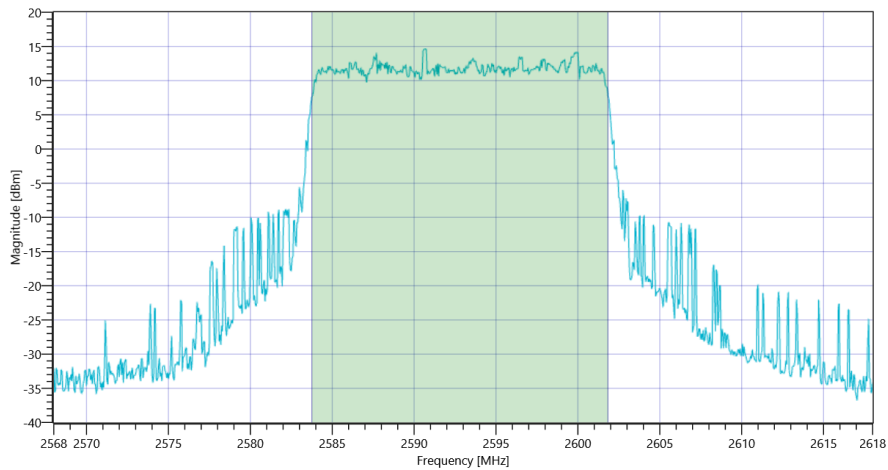
FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	18.082	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	16.72   0   35
Start [MHz]   Stop [MHz]	2568.000   2618.000
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , CBW [MHz]: 20 , RB\_100PCT , Mod: 16QAM

**RESULT: Reference Power cond.**

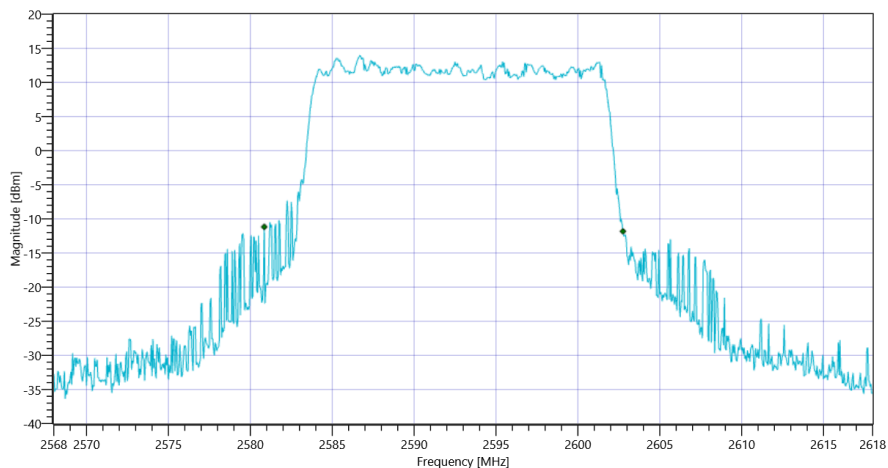
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.30	dBm	INFO
Ref. Frequency	---	---	2586.710	MHz	INFO

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	16.30   0   35
Start [MHz]   Stop [MHz]	2568.000   2618.000
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT 26 dB**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.9	MHz	INFO



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

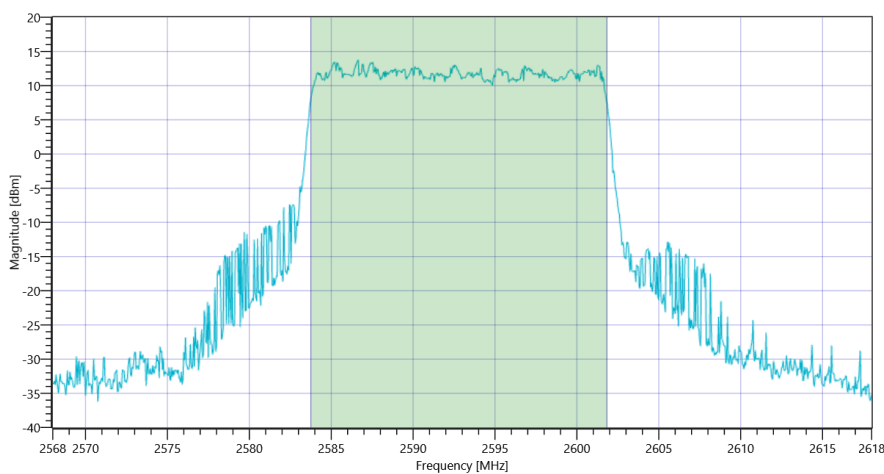


RESULT 99%

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	18.032	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	16.30   0   35
Start [MHz]   Stop [MHz]	2568.000   2618.000
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE



FCC, ISED # Bandwidth 99PCT and 26dB ~ NR Band\_41 Ant-1 SCS-30 26dB

UL[MHz]/CH 2593/0 , 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.	---	---	15.74	dBm	INFO
Ref. Frequency	---	---	2601.190	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	15.74   0   30
Start [MHz]   Stop [MHz]	2568.000   2618.000
RBW [MHz]   VBW [MHz]	0.500000   2.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

RESULT 26 dB

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.95	MHz	INFO