

# Measurement Results

No.1-3180/21-01-02\_Annex\_OBW\_PSD

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## Test logging

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Document authorized:

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Test/s performed:

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## EUT Information

### EUT DEFINITION

Manufacturer	ifm electronic gmbh
Type	R1D200 (TR23)
Serial Number	000000000097
Setup Number	1.0
Version SW	NI
Version FW	NI
Version HW	NI
Comment 1	
Comment 2	
Temperature [°C] Min	-40
Temperature [°C] Nom	20
Temperature [°C] Max	85
Voltage [V] Min	10
Voltage [V] Nom	24
Voltage [V] Max	30

## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	07.03.2023 17:14:47
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

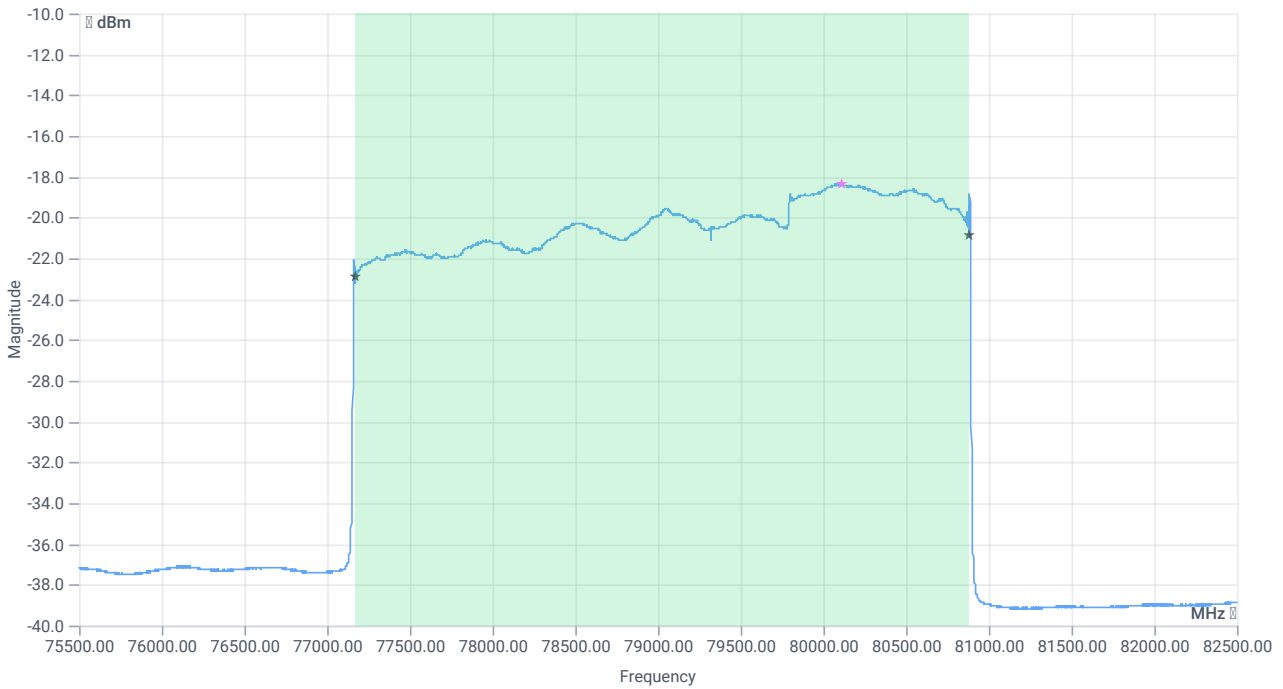
Switched Path	none
Temperature	nom
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: Normal

### Test Equipment

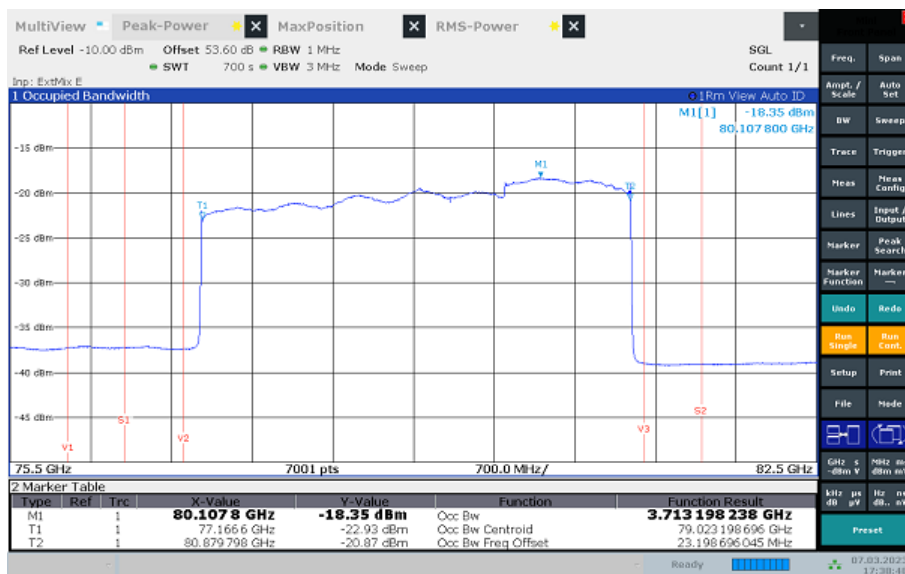
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

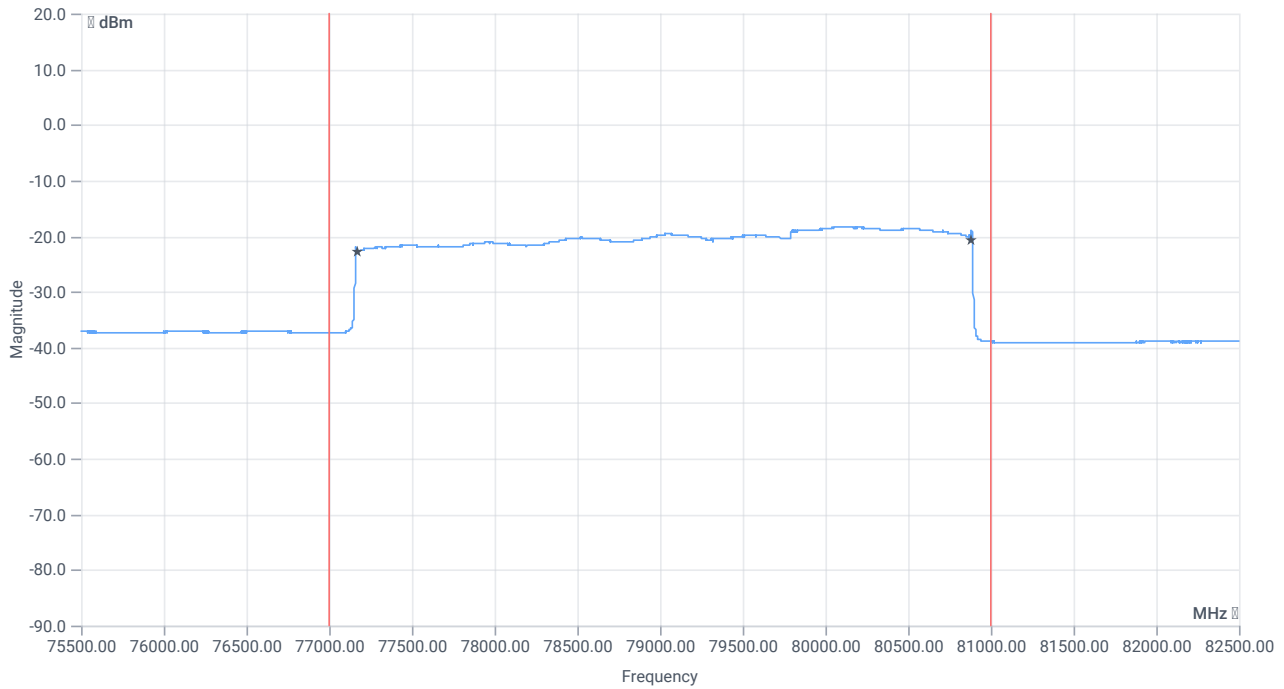
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3713.20	MHz	INFO
T1 99%	77000.00	--	77166.60	MHz	PASS
T2 99%	--	81000.00	80879.80	MHz	PASS
Max value @ 80107.8 MHz	--	--	-18.35	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	07.03.2023 17:42:48
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

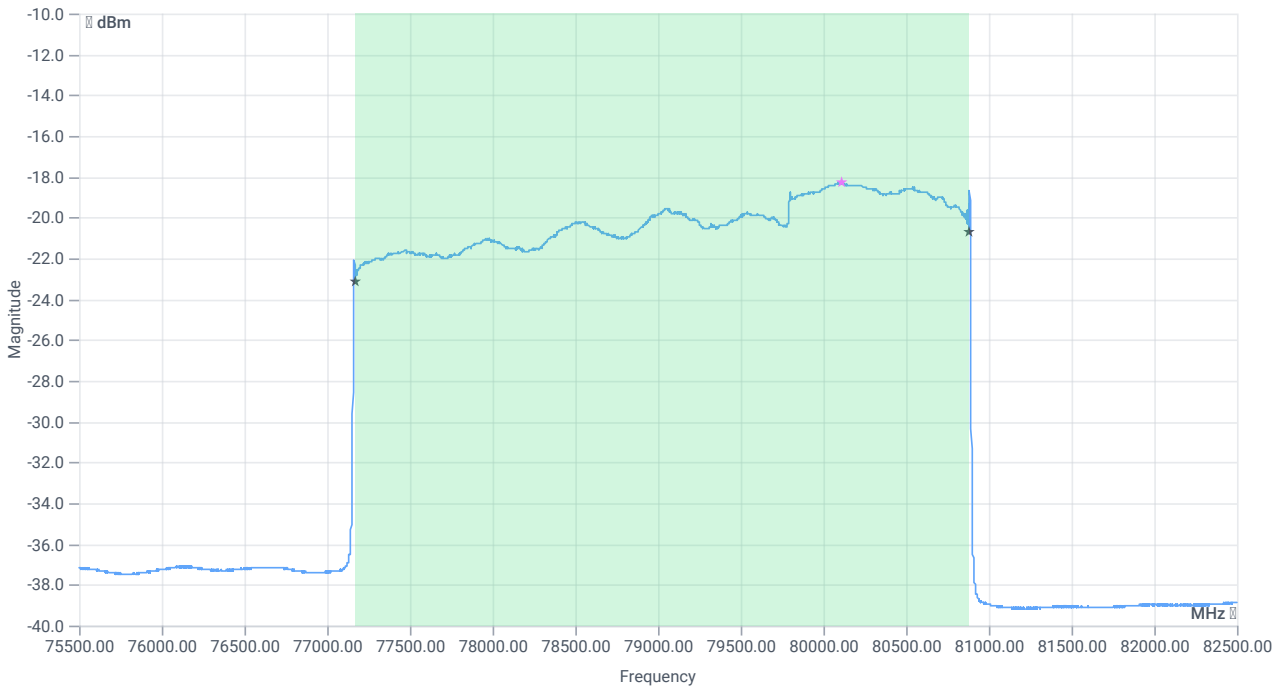
Switched Path	none
Temperature	nom
Voltage	min
Additional Information	Cycle Time: 100ms Mode: Normal

### Test Equipment

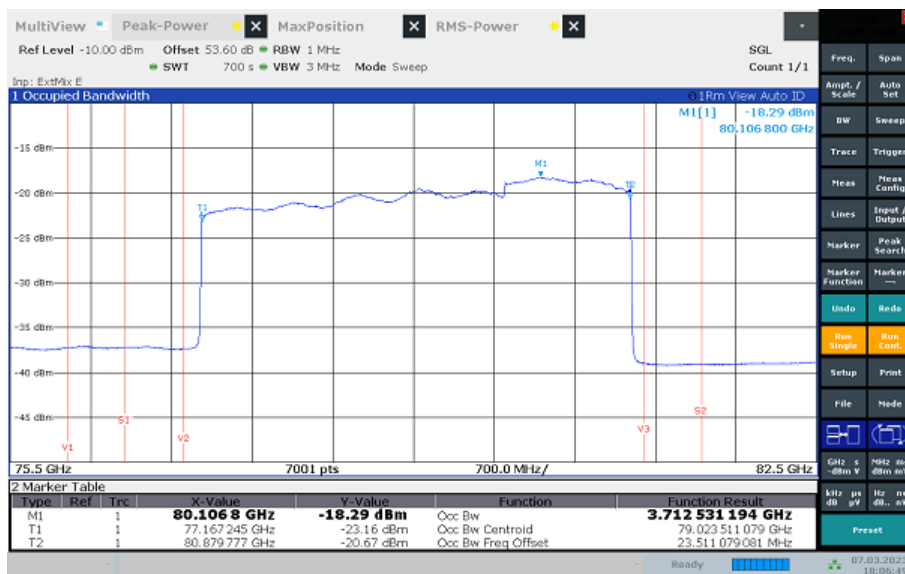
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE

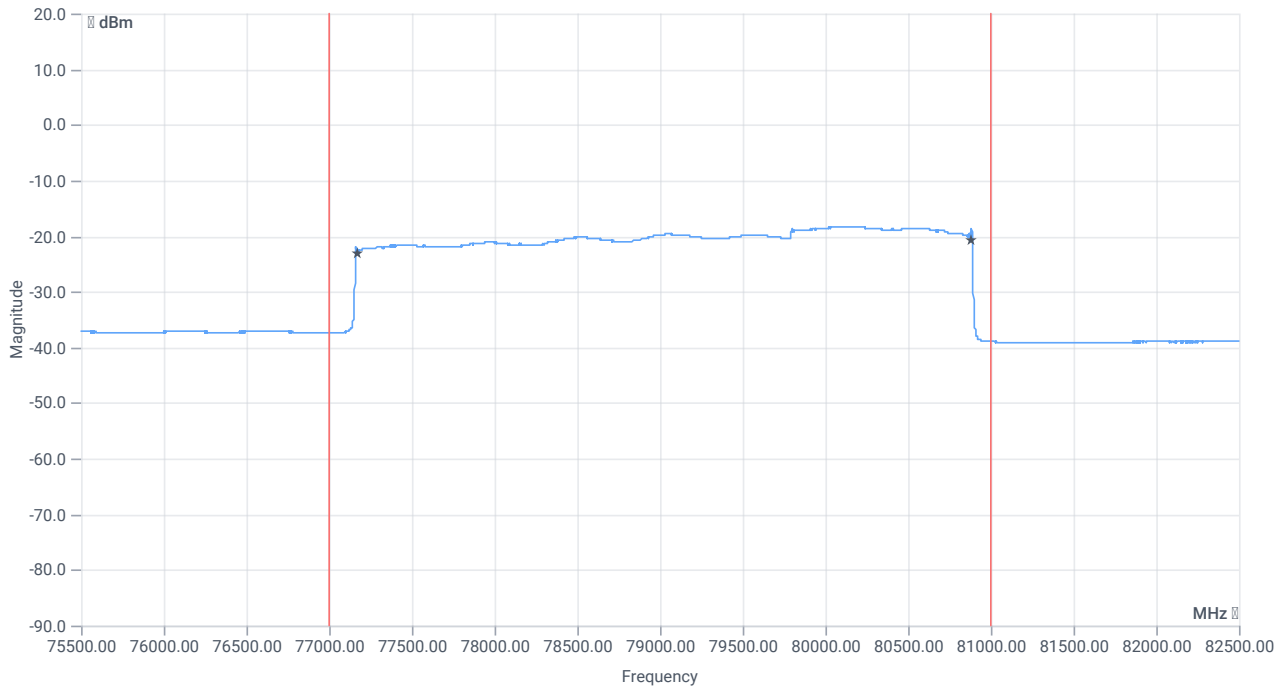


BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT





BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3712.53	MHz	INFO
T1 99%	77000.00	--	77167.25	MHz	PASS
T2 99%	--	81000.00	80879.78	MHz	PASS
Max value @ 80106.8 MHz	--	--	-18.29	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	07.03.2023 18:10:50
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

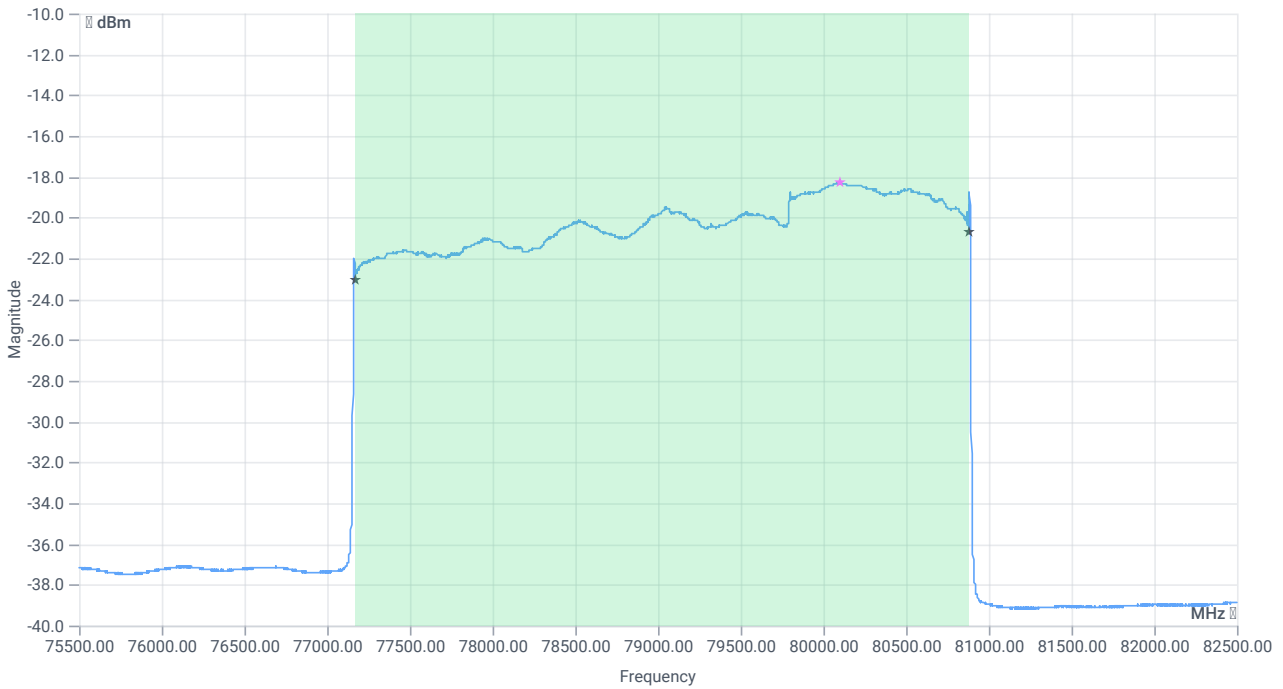
Switched Path	none
Temperature	nom
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Normal

### Test Equipment

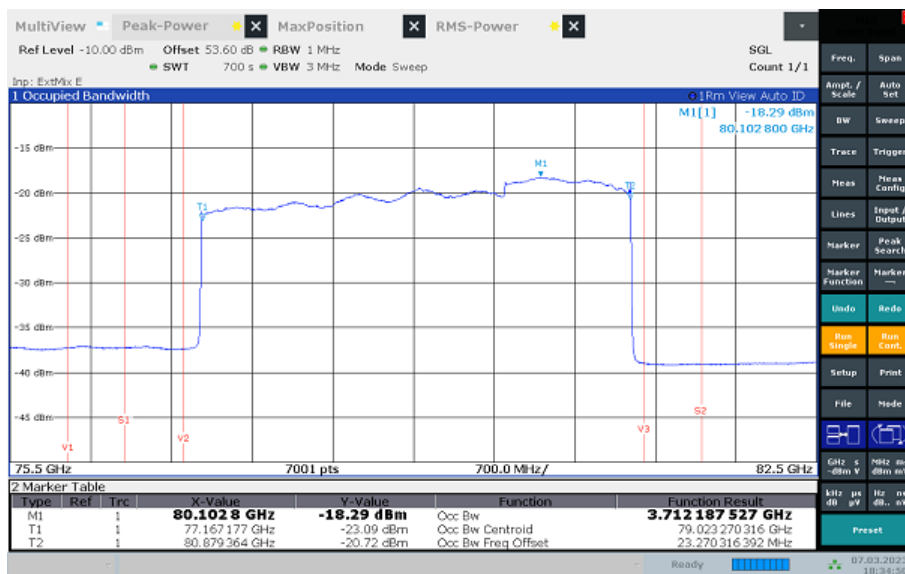
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

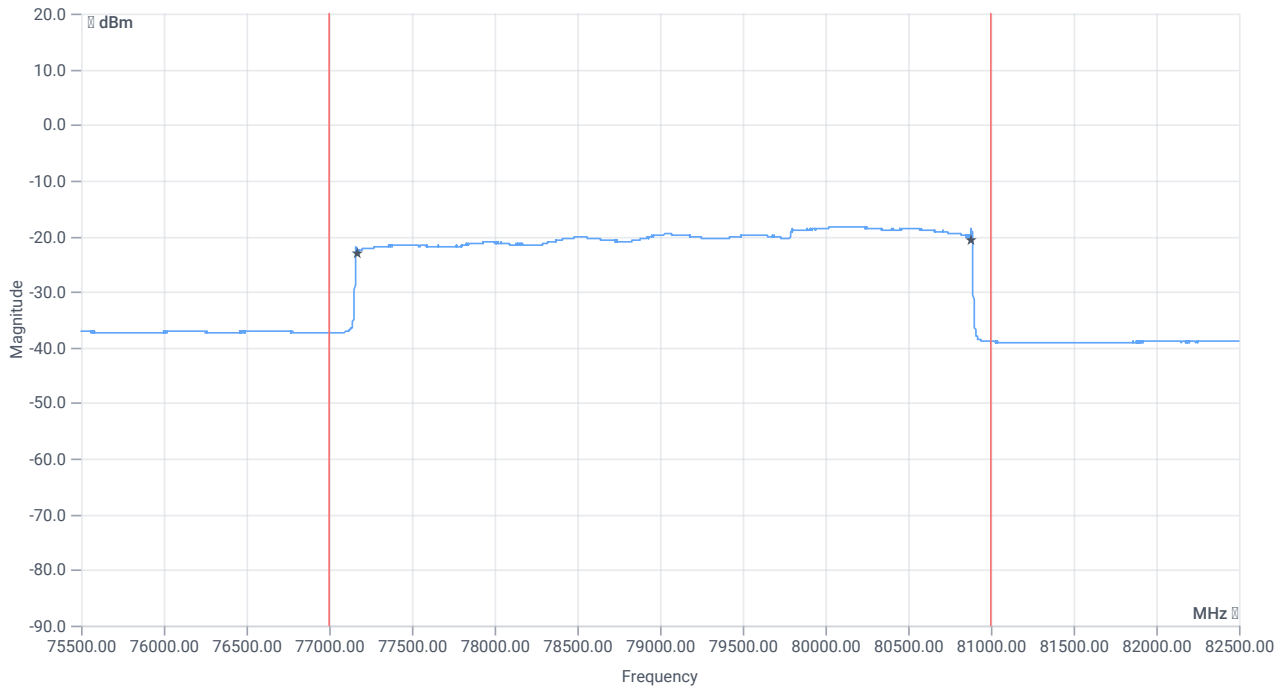
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3712.19	MHz	INFO
T1 99%	77000.00	--	77167.18	MHz	PASS
T2 99%	--	81000.00	80879.36	MHz	PASS
Max value @ 80102.8 MHz	--	--	-18.29	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	07.03.2023 19:27:09
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

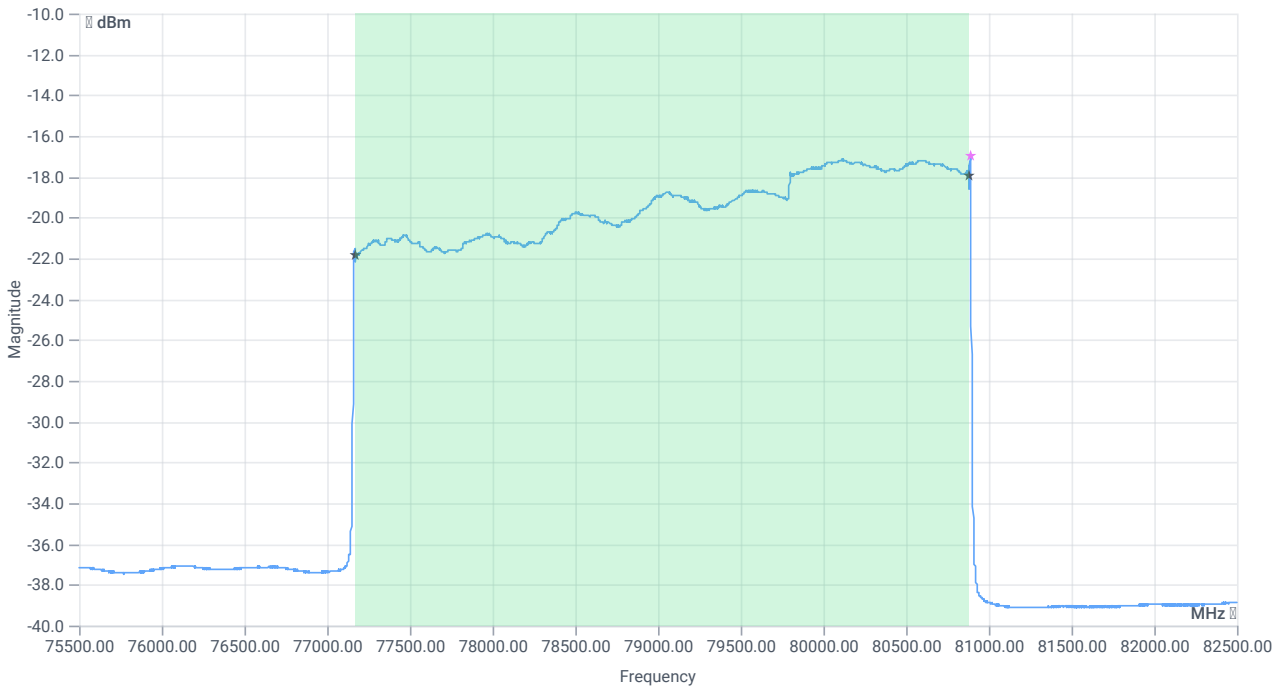
Switched Path	none
Temperature	min
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: Normal

### Test Equipment

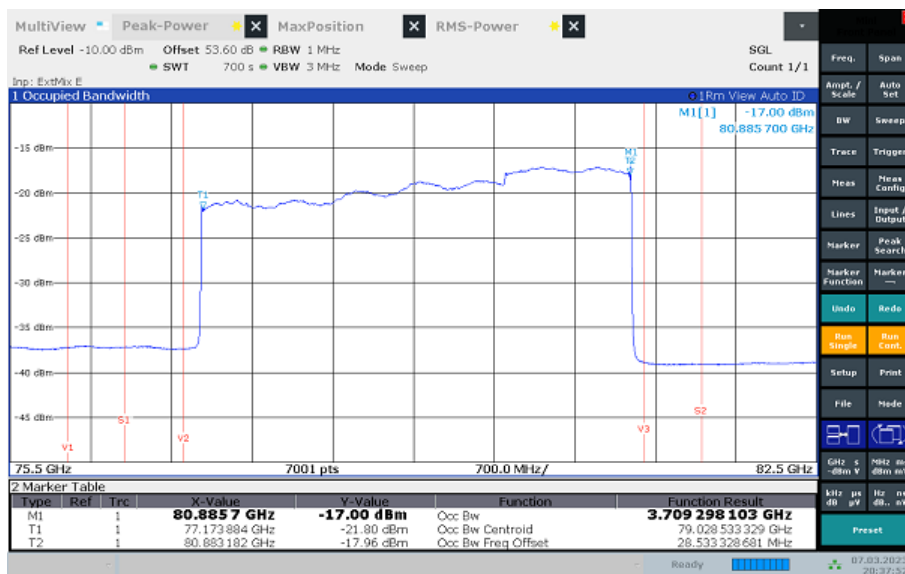
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

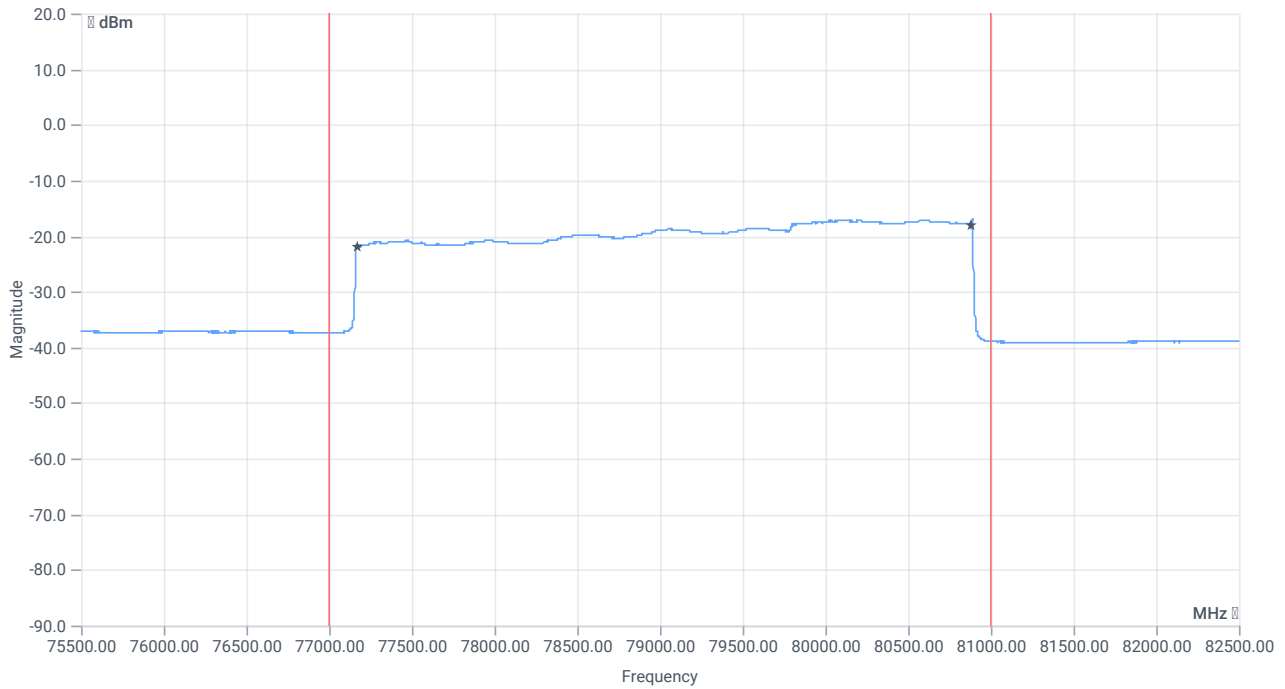
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3709.30	MHz	INFO
T1 99%	77000.00	--	77173.88	MHz	PASS
T2 99%	--	81000.00	80883.18	MHz	PASS
Max value @ 80885.7 MHz	--	--	-17.00	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	07.03.2023 20:41:53
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

Switched Path	none
Temperature	min
Voltage	min
Additional Information	Cycle Time: 100ms Mode: Normal

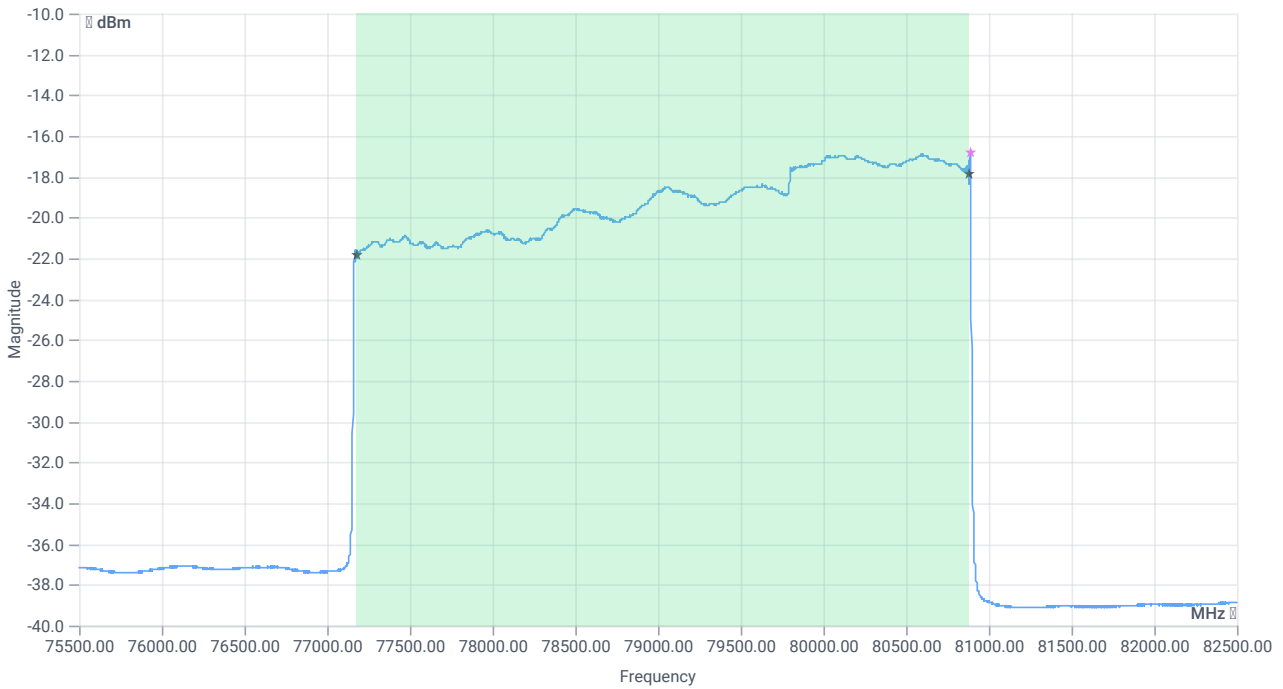
### Test Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

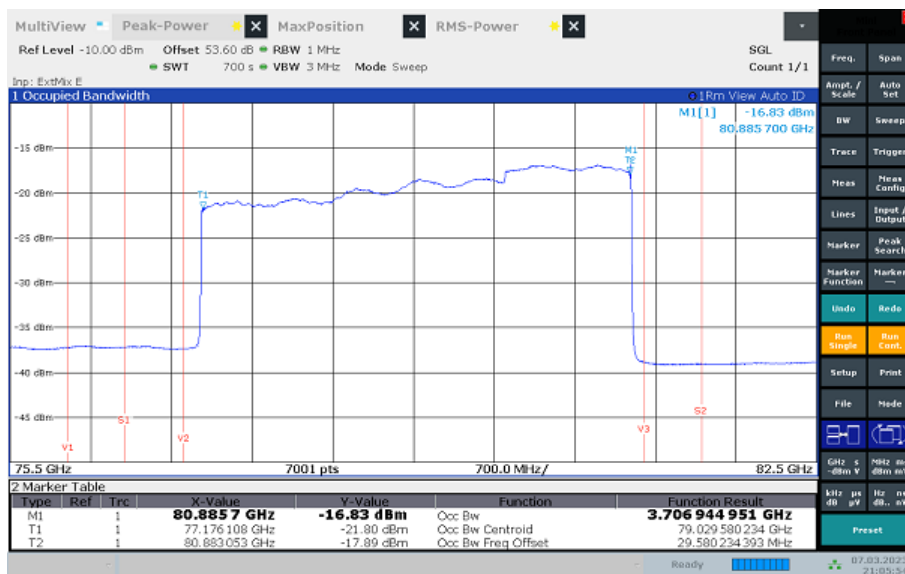
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE

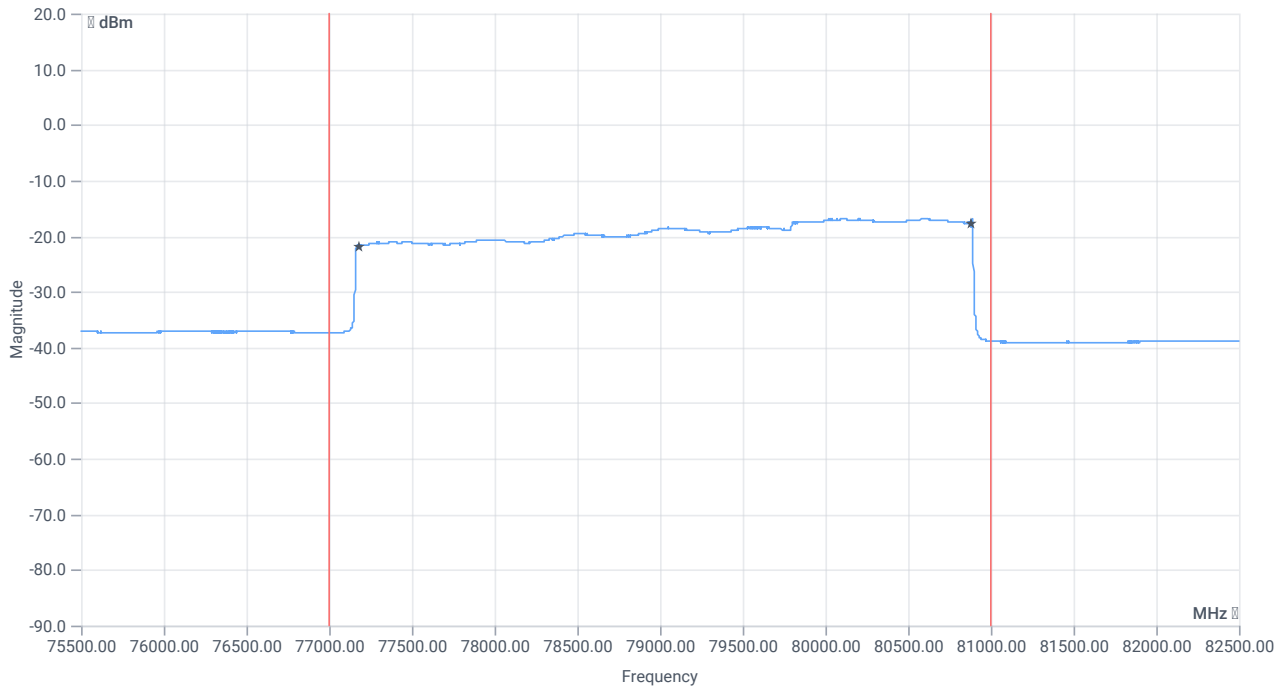




BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3706.95	MHz	INFO
T1 99%	77000.00	--	77176.11	MHz	PASS
T2 99%	--	81000.00	80883.05	MHz	PASS
Max value @ 80885.7 MHz	--	--	-16.83	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	07.03.2023 21:09:56
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

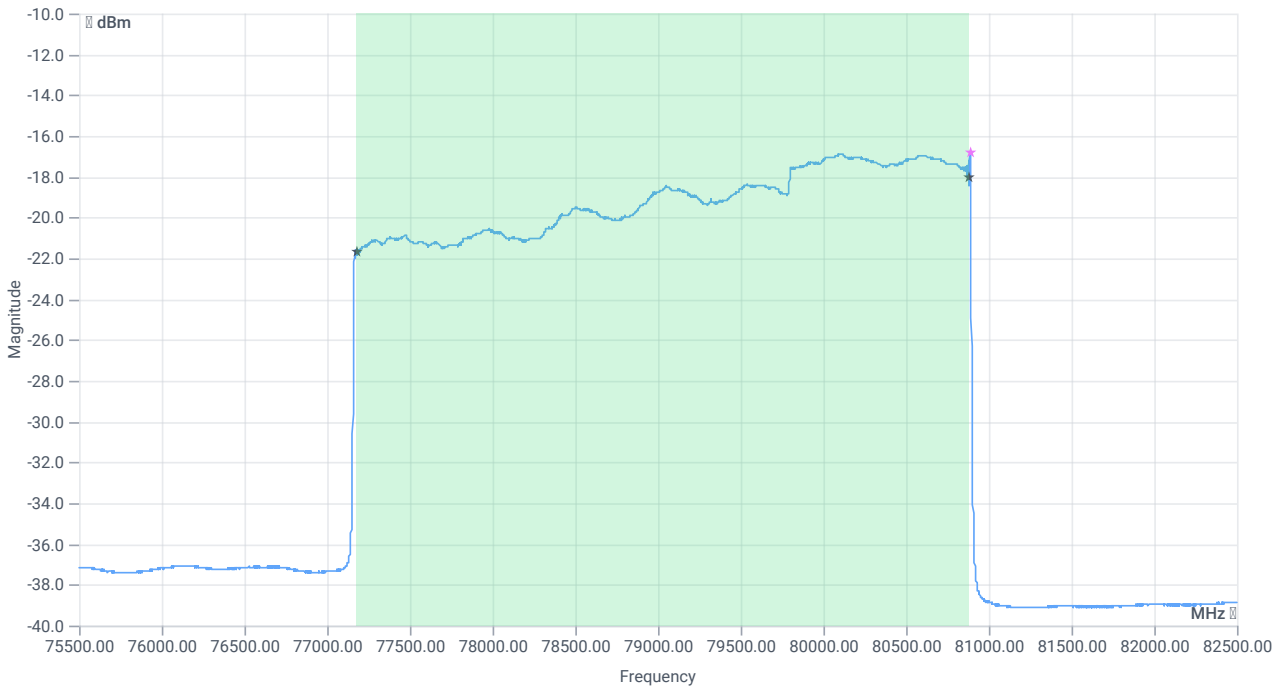
Switched Path	none
Temperature	min
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Normal

### Test Equipment

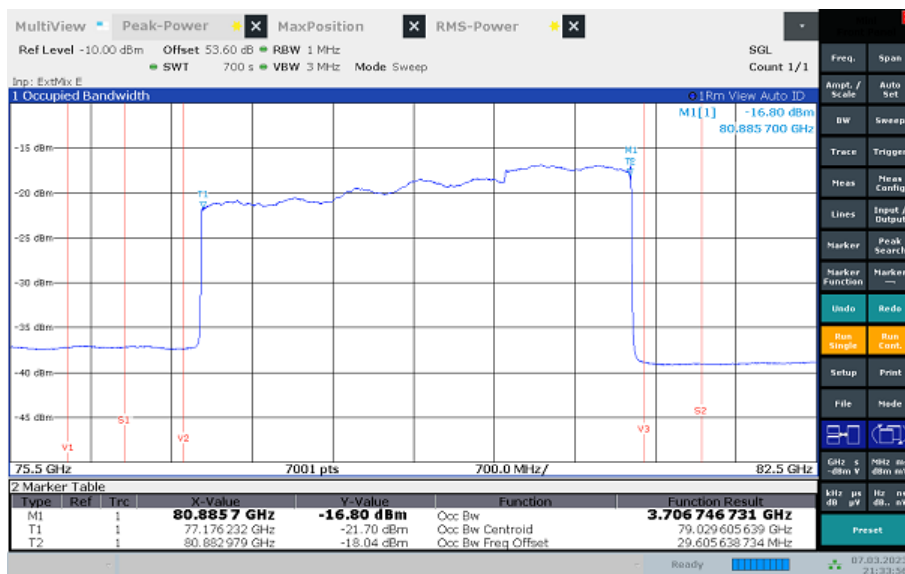
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE

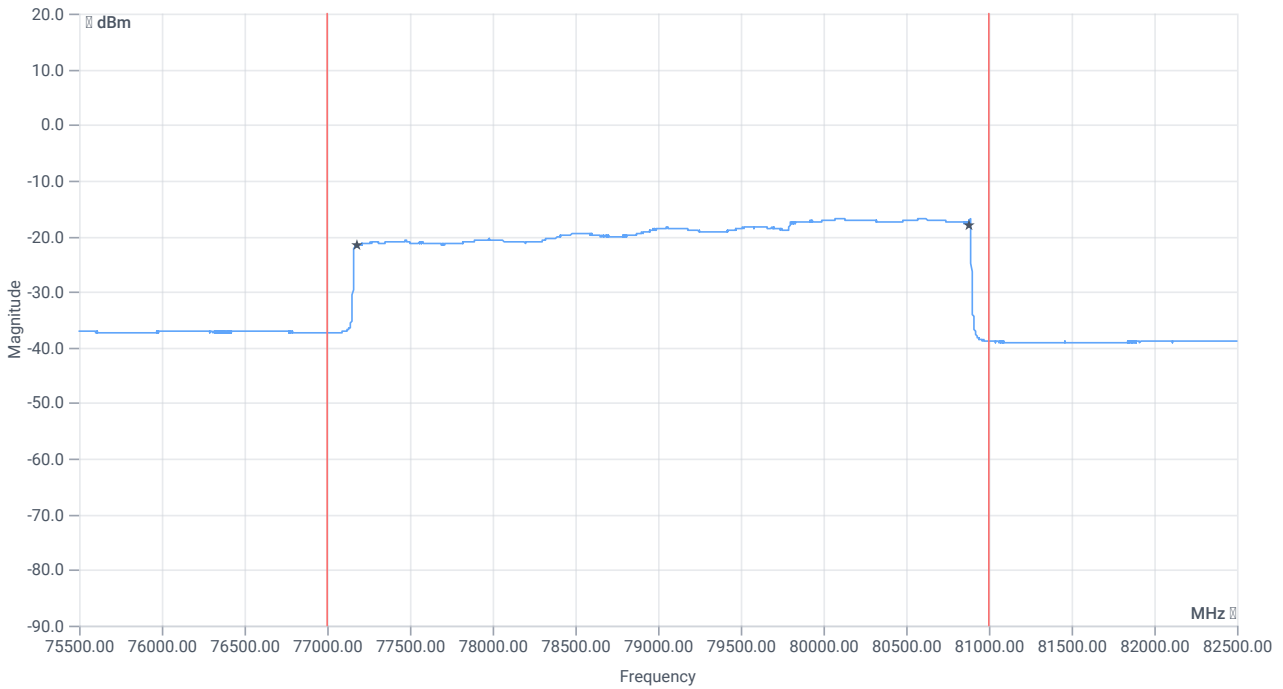


BW 99PCT



Date: 7.MAR.2023 21:33:57

Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3706.75	MHz	INFO
T1 99%	77000.00	--	77176.23	MHz	PASS
T2 99%	--	81000.00	80882.98	MHz	PASS
Max value @ 80885.7 MHz	--	--	-16.80	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	09.03.2023 15:12:27
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

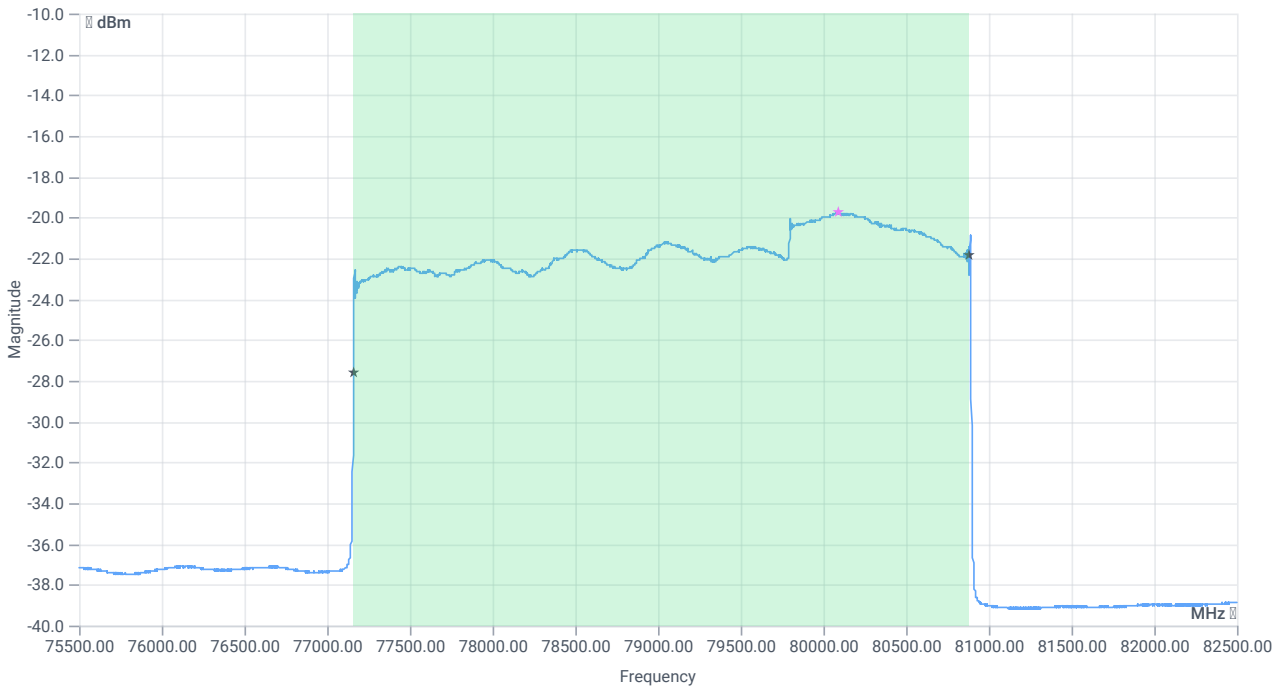
Switched Path	none
Temperature	max
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: Normal

### Test Equipment

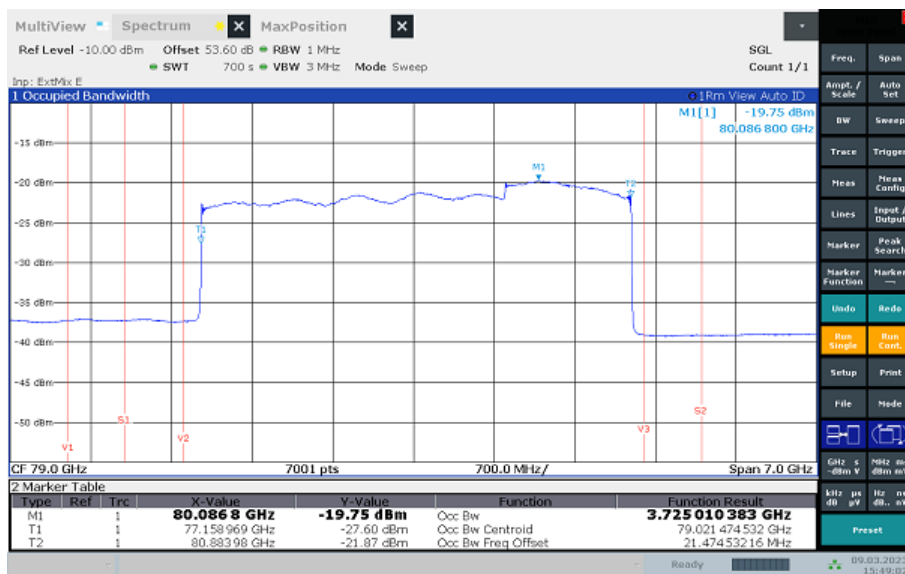
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

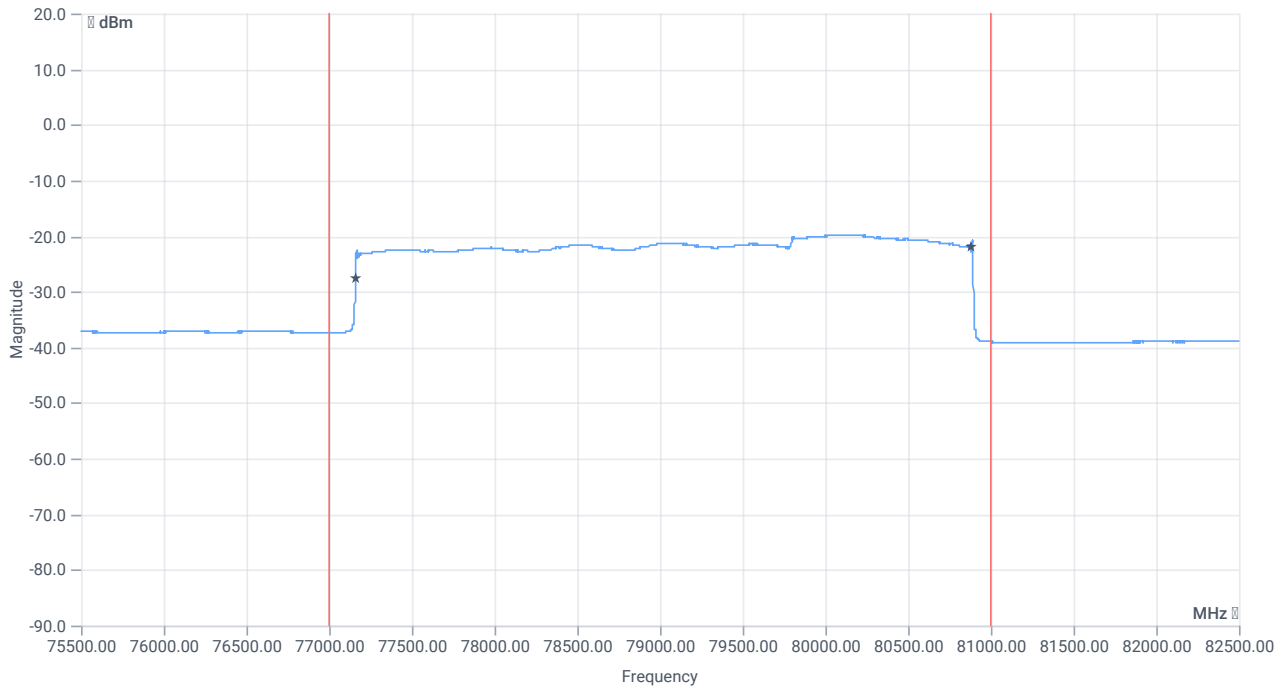
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3725.01	MHz	INFO
T1 99%	77000.00	--	77158.97	MHz	PASS
T2 99%	--	81000.00	80883.98	MHz	PASS
Max value @ 80086.8 MHz	--	--	-19.75	dBm	INFO

## Verdict

PASS



## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	08.03.2023 09:59:57
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

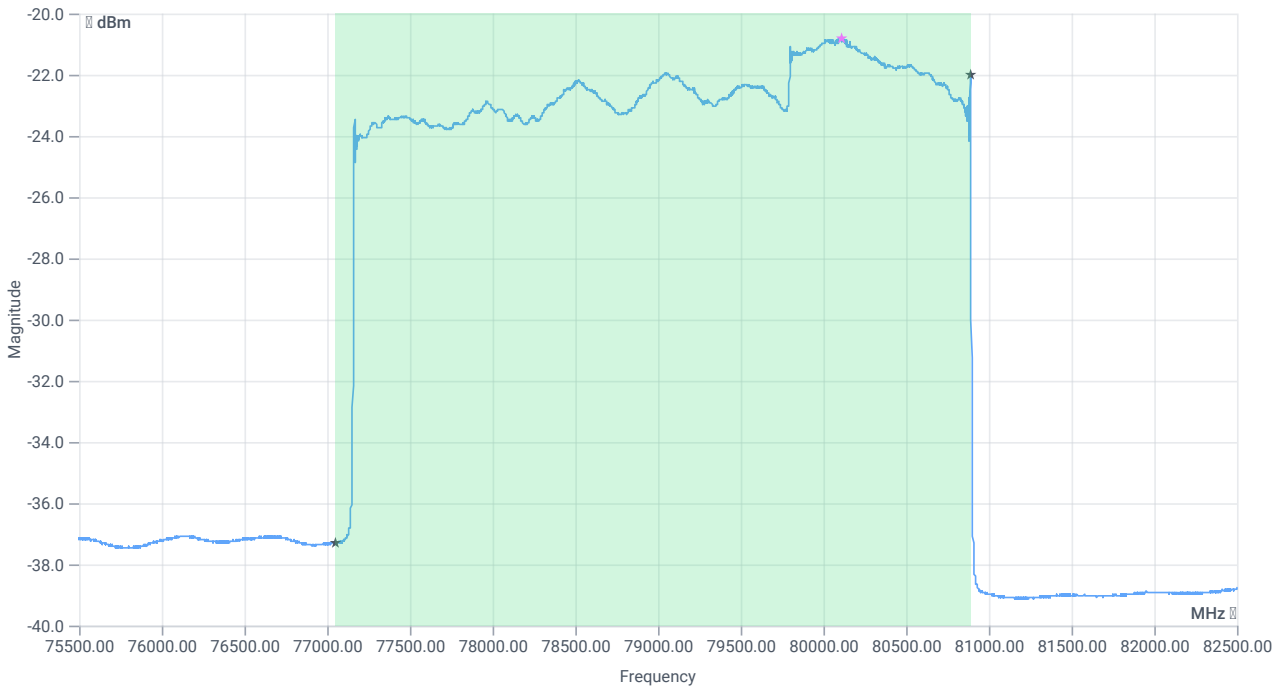
Switched Path	none
Temperature	max
Voltage	min
Additional Information	Cycle Time: 100ms Mode: Normal

### Test Equipment

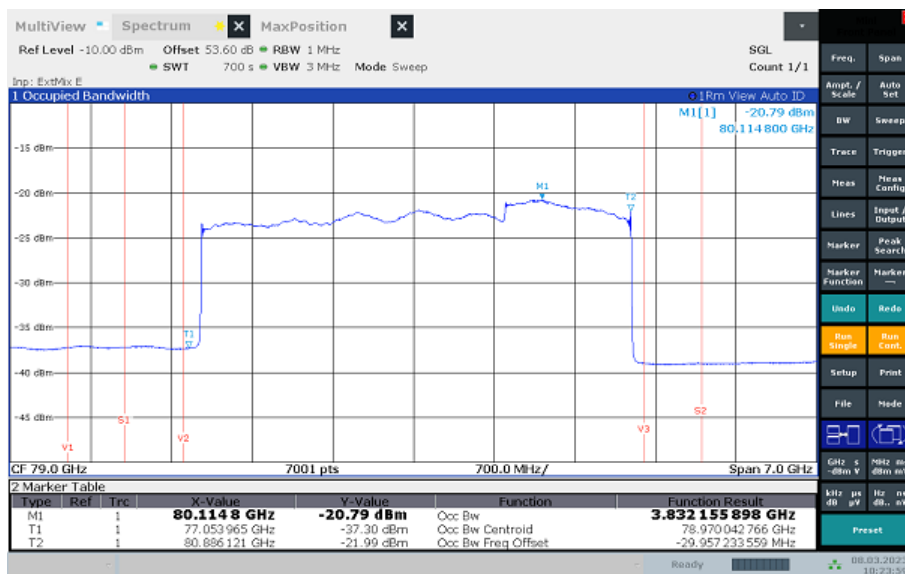
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

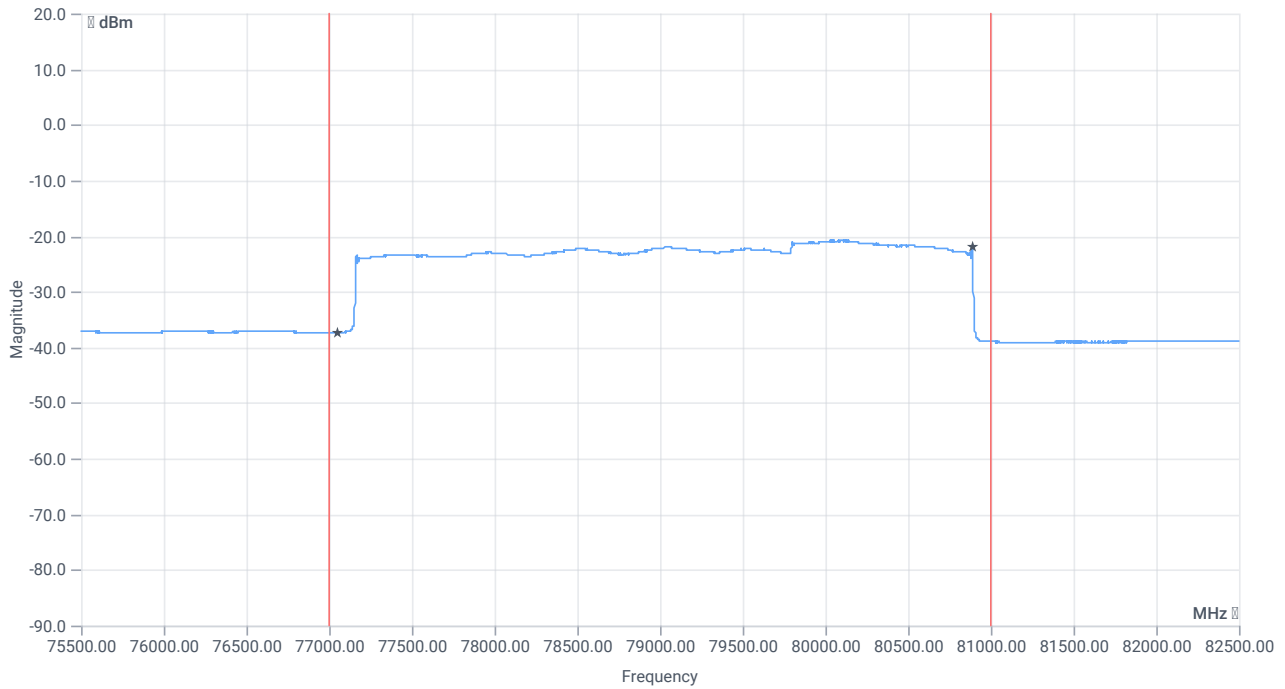
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3832.16	MHz	INFO
T1 99%	77000.00	--	77053.96	MHz	PASS
T2 99%	--	81000.00	80886.12	MHz	PASS
Max value @ 80114.8 MHz	--	--	-20.79	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz

### Test References

TC Start	08.03.2023 10:27:58
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Normal

### Test Parameter

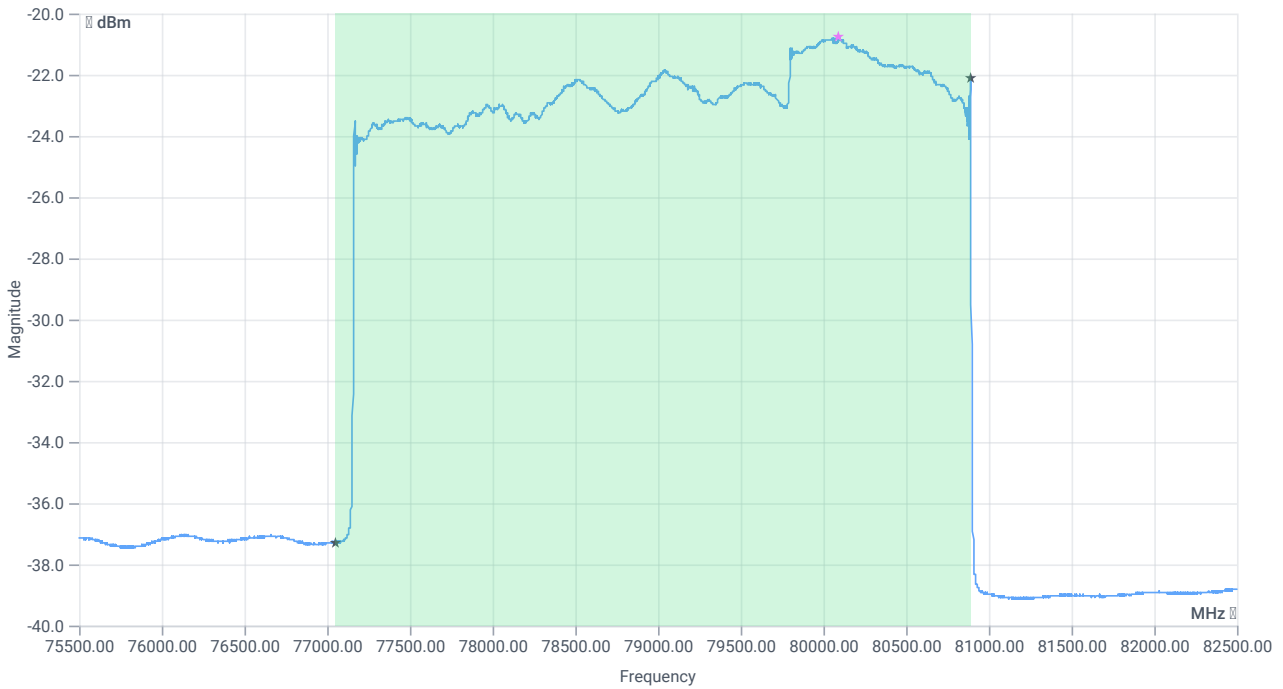
Switched Path	none
Temperature	max
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Normal

### Test Equipment

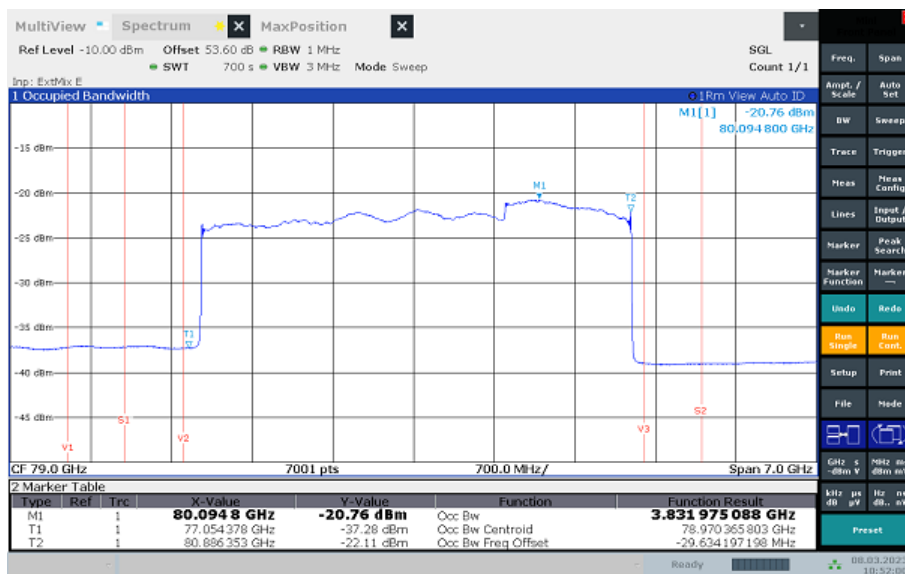
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

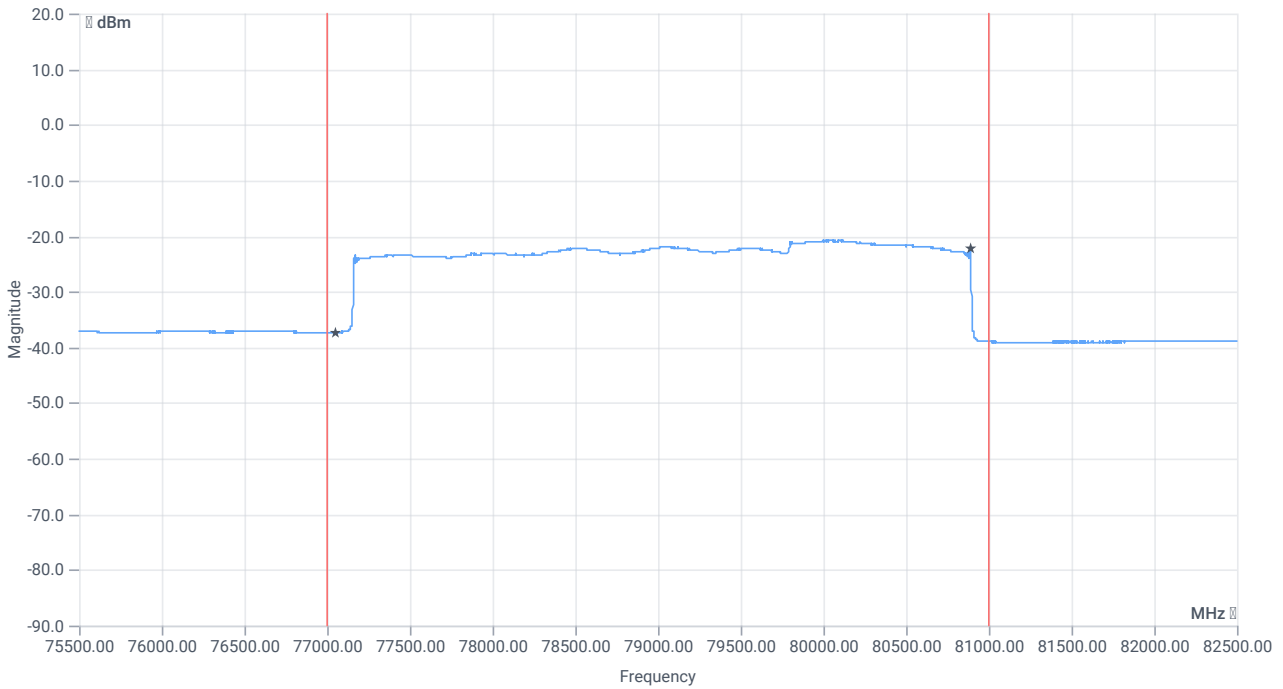
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Normal 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3831.98	MHz	INFO
T1 99%	77000.00	--	77054.38	MHz	PASS
T2 99%	--	81000.00	80886.35	MHz	PASS
Max value @ 80094.8 MHz	--	--	-20.76	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 12:47:54
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

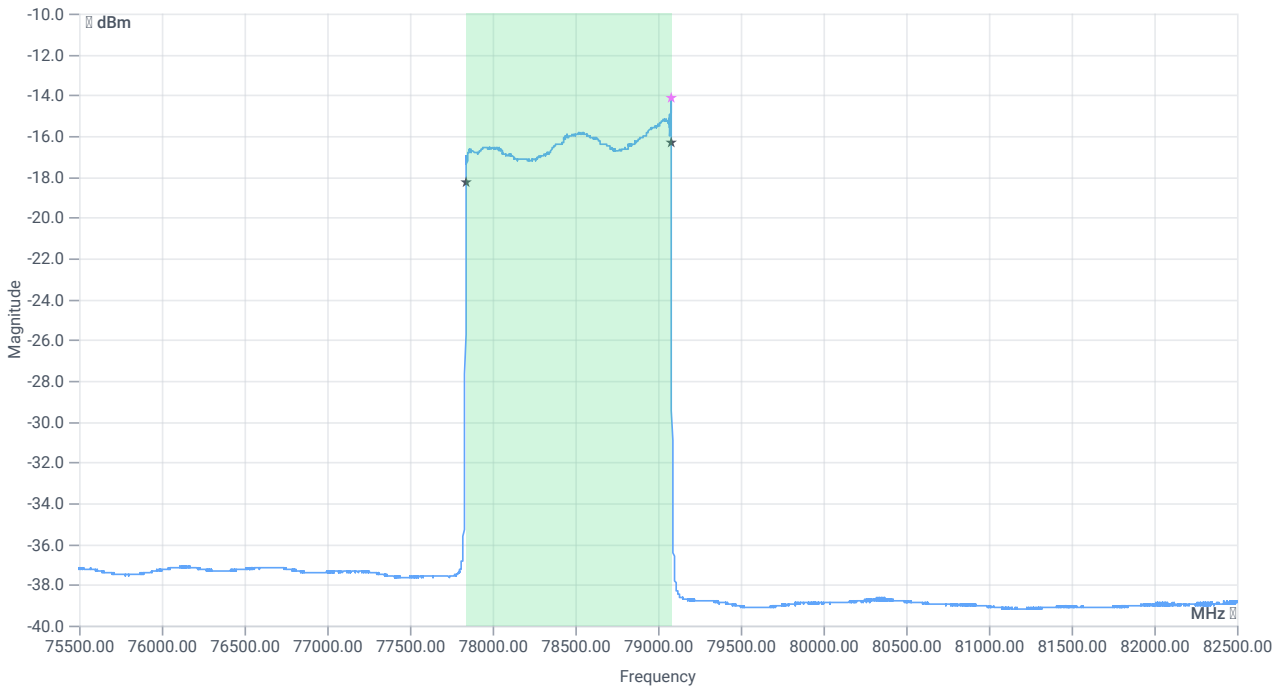
Switched Path	none
Temperature	nom
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: High

### Test Equipment

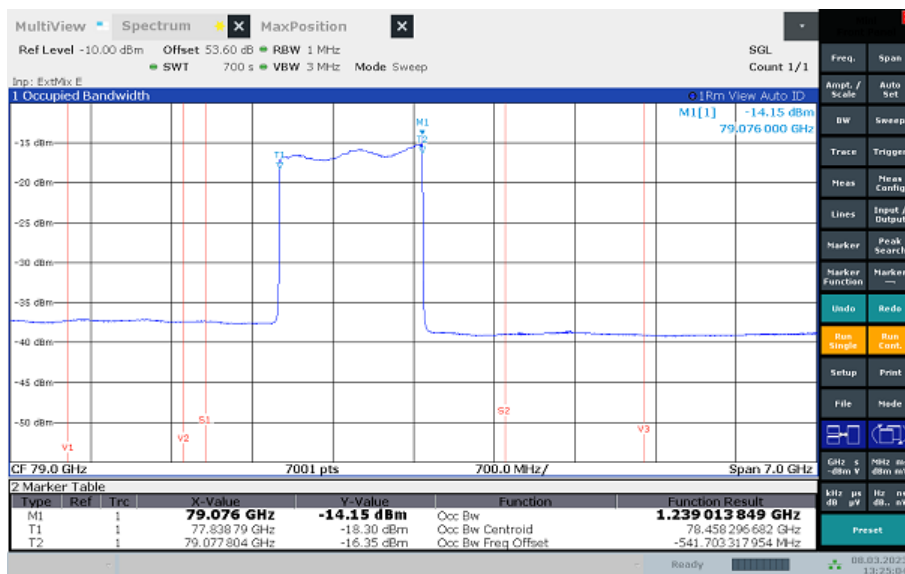
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE

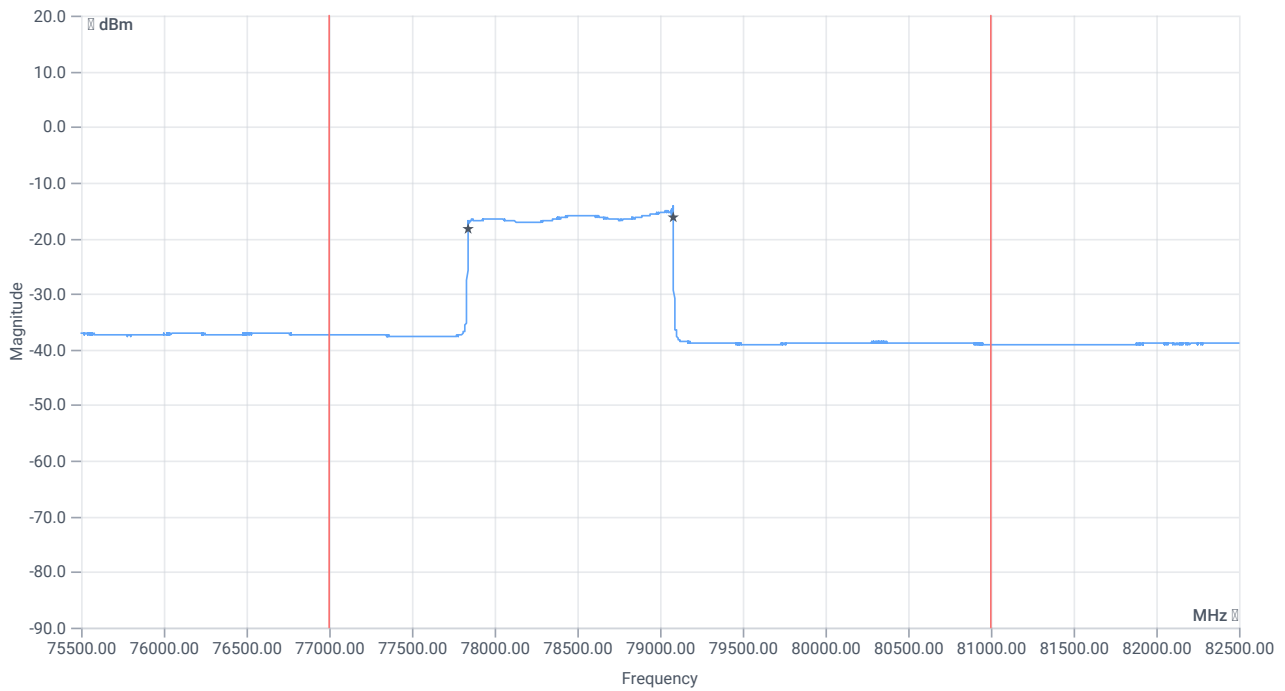


BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT





BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1239.01	MHz	INFO
T1 99%	77000.00	--	77838.79	MHz	PASS
T2 99%	--	81000.00	79077.80	MHz	PASS
Max value @ 79076 MHz	--	--	-14.15	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 13:29:03
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

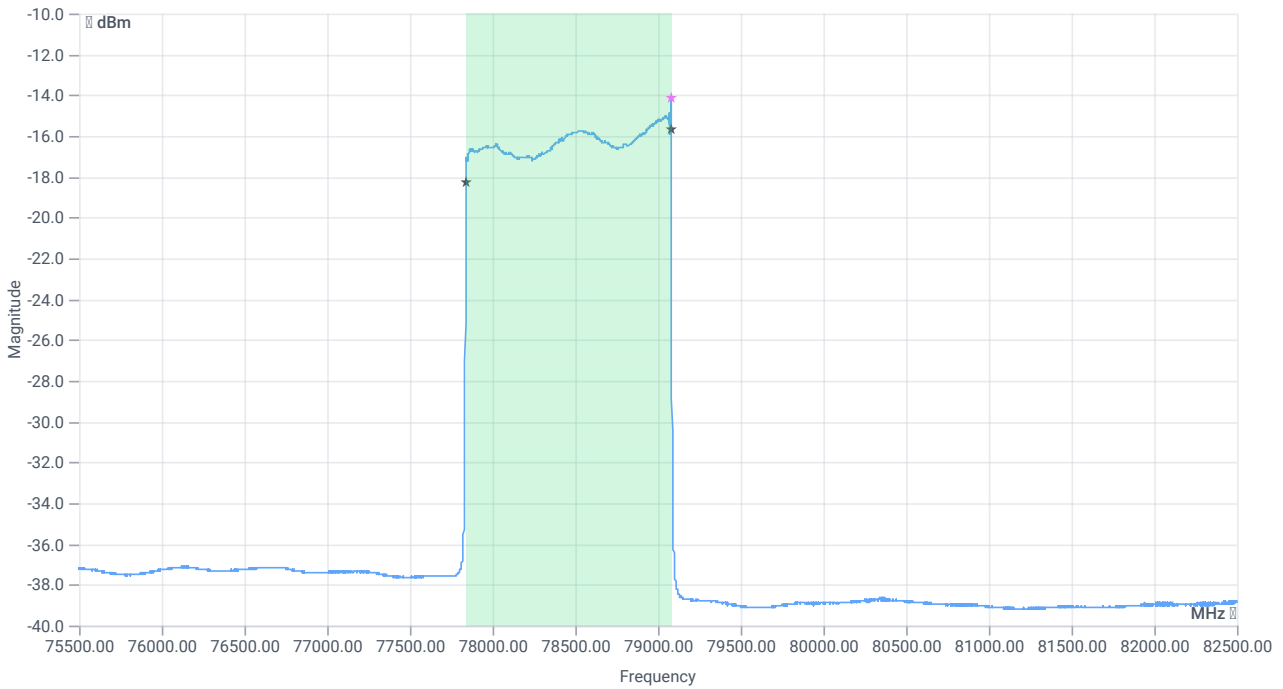
Switched Path	none
Temperature	nom
Voltage	min
Additional Information	Cycle Time: 100ms Mode: High

### Test Equipment

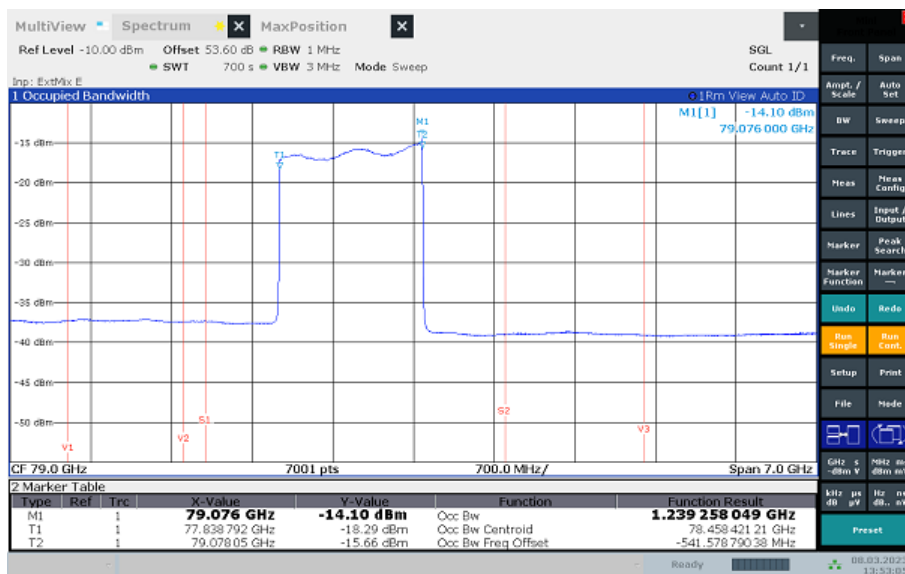
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

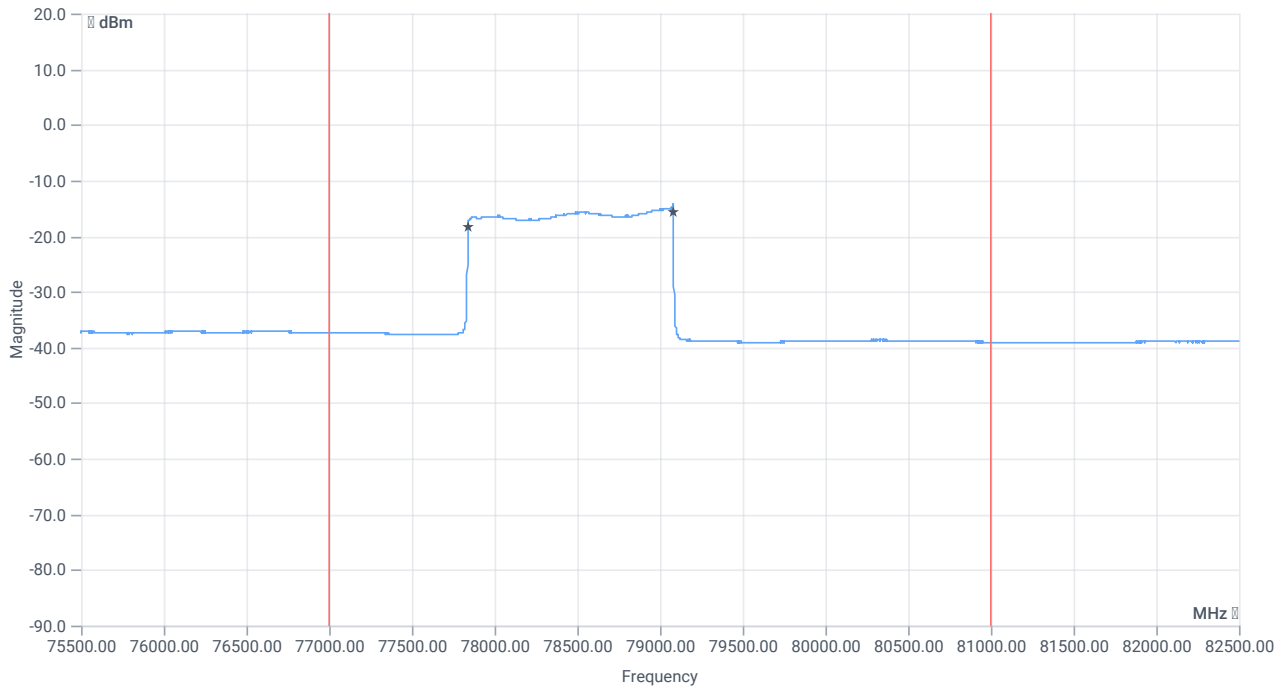
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1239.26	MHz	INFO
T1 99%	77000.00	--	77838.79	MHz	PASS
T2 99%	--	81000.00	79078.05	MHz	PASS
Max value @ 79076 MHz	--	--	-14.10	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 13:57:04
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

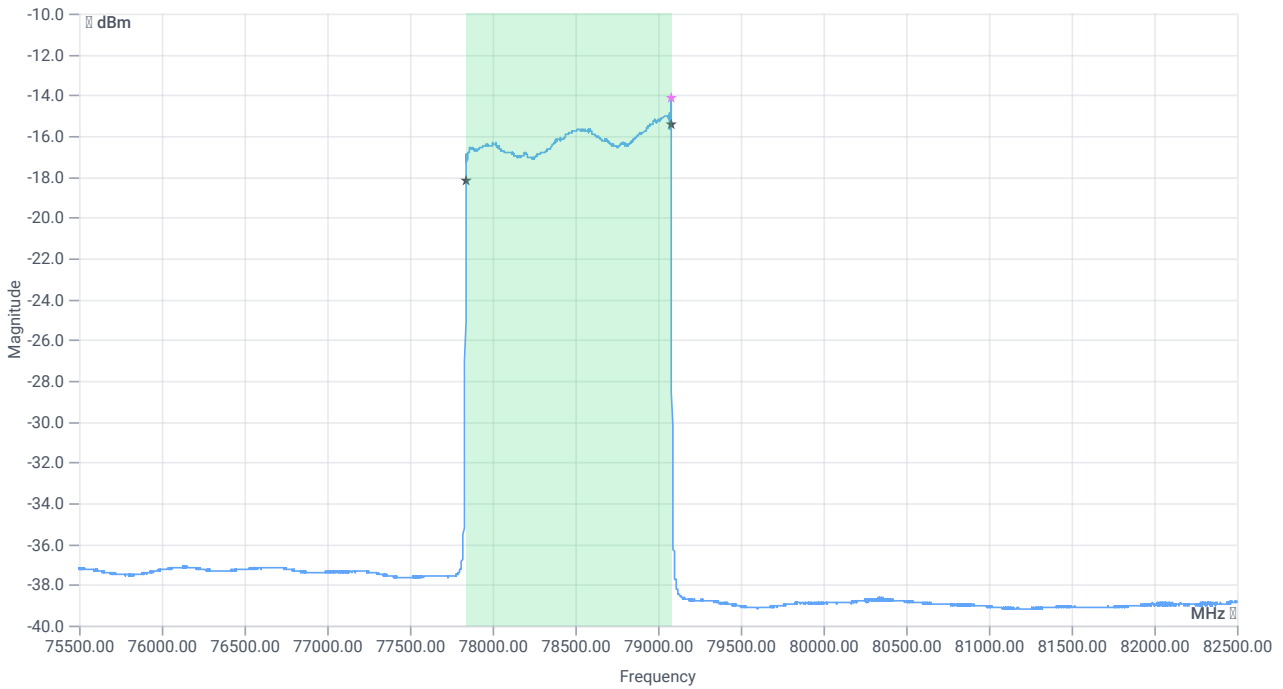
Switched Path	none
Temperature	nom
Voltage	max
Additional Information	Cycle Time: 100ms Mode: High

### Test Equipment

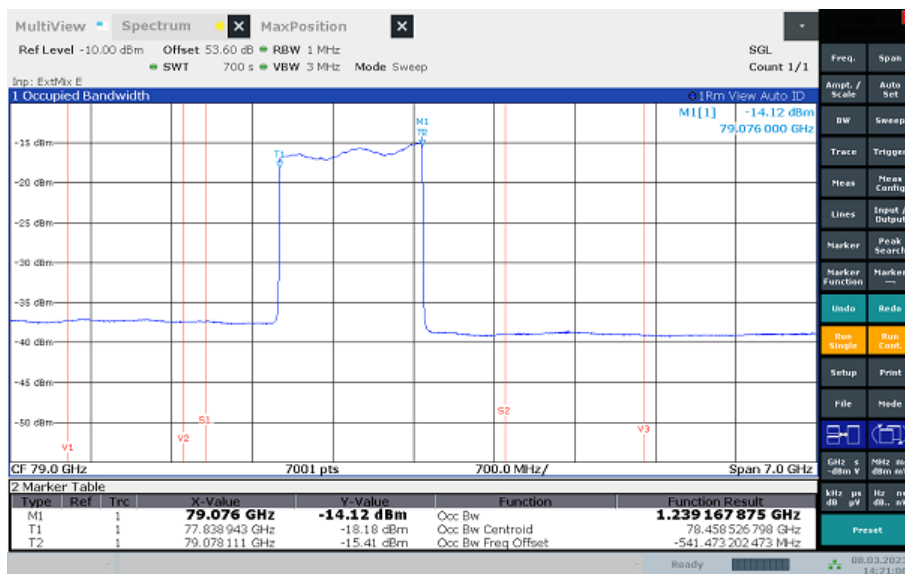
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

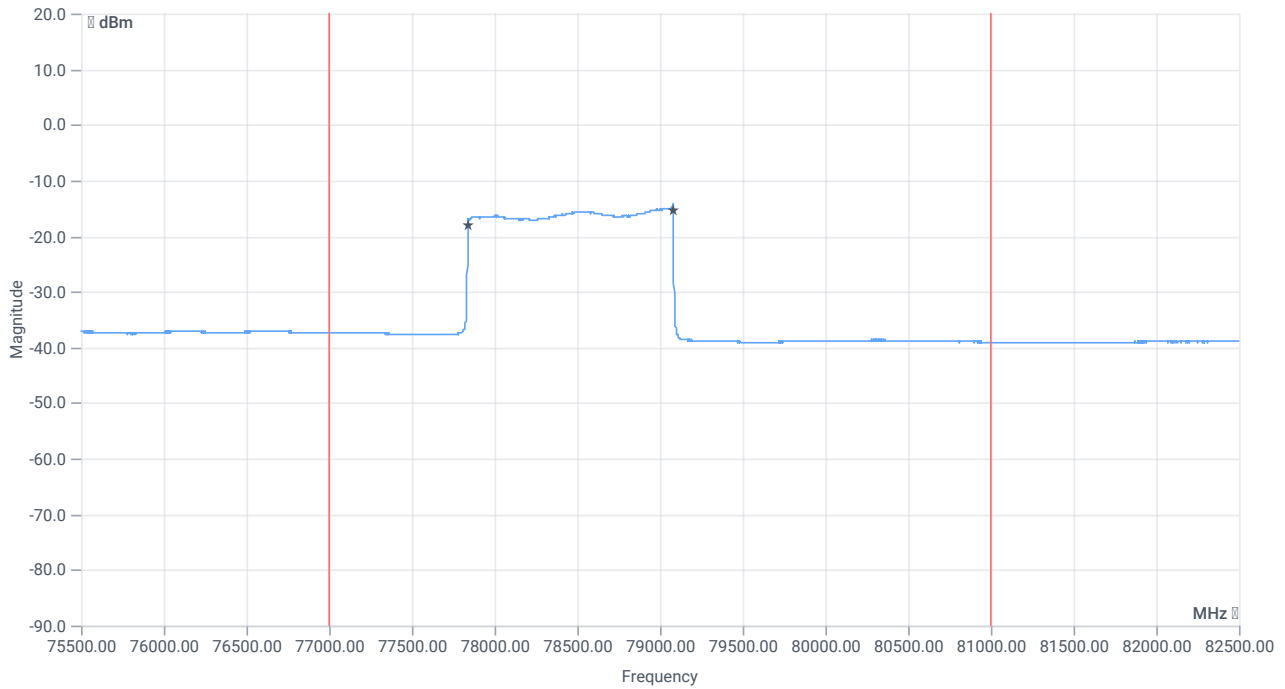
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1239.17	MHz	INFO
T1 99%	77000.00	--	77838.94	MHz	PASS
T2 99%	--	81000.00	79078.11	MHz	PASS
Max value @ 79076 MHz	--	--	-14.12	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 14:25:05
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

Switched Path	none
Temperature	min
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: High

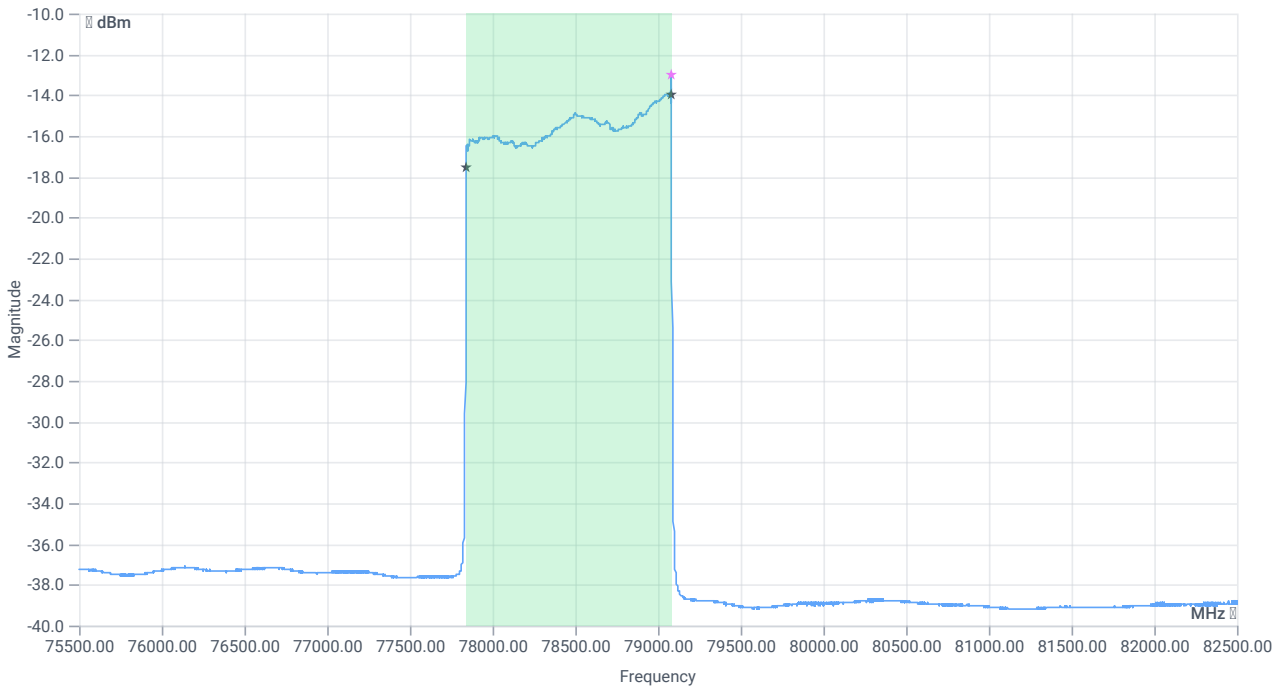
### Test Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

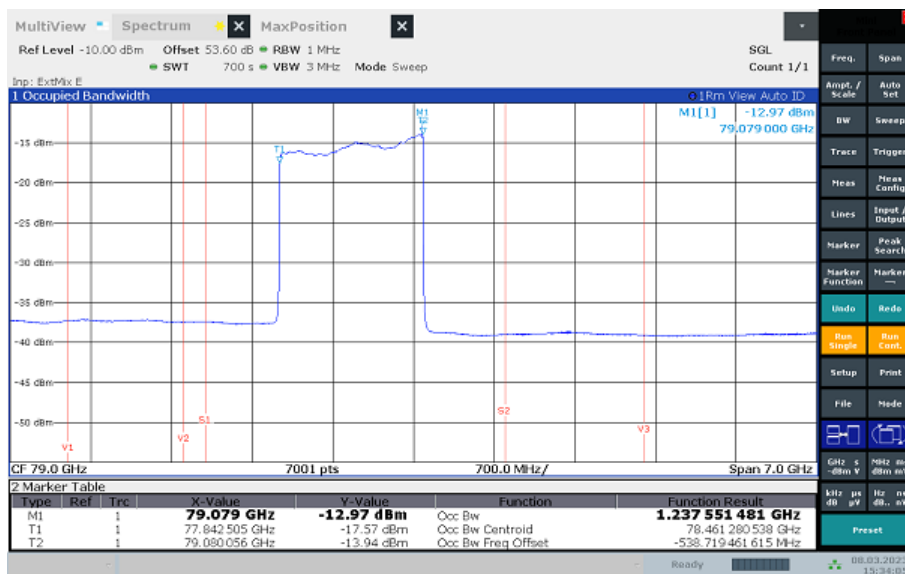
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



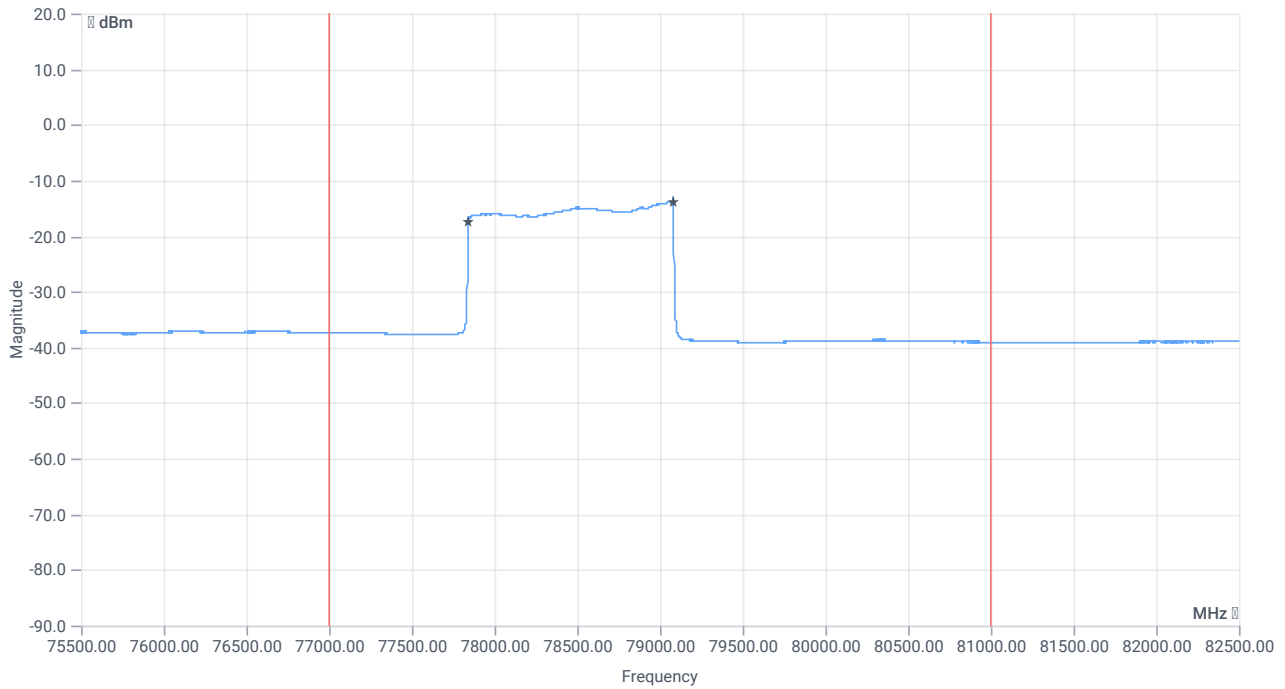


BW 99PCT



Date: 8.MAR.2023 15:34:06

Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1237.55	MHz	INFO
T1 99%	77000.00	--	77842.50	MHz	PASS
T2 99%	--	81000.00	79080.06	MHz	PASS
Max value @ 79079 MHz	--	--	-12.97	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 15:38:05
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

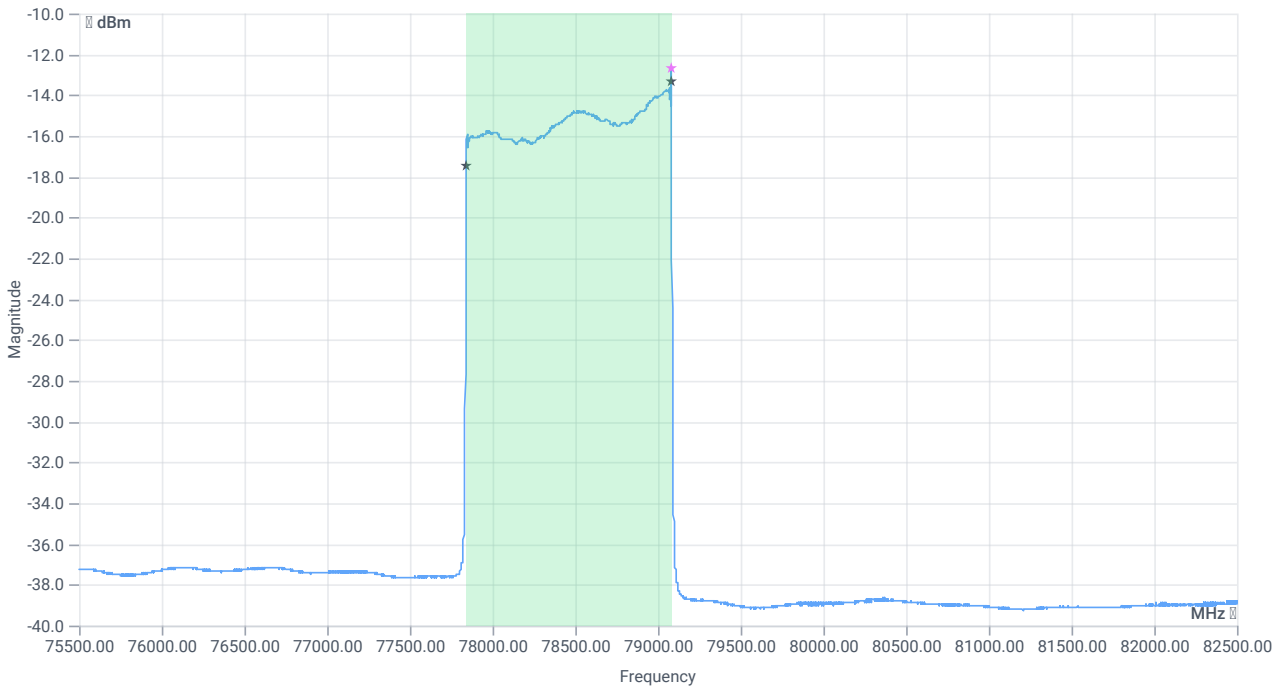
Switched Path	none
Temperature	min
Voltage	min
Additional Information	Cycle Time: 100ms Mode: High

### Test Equipment

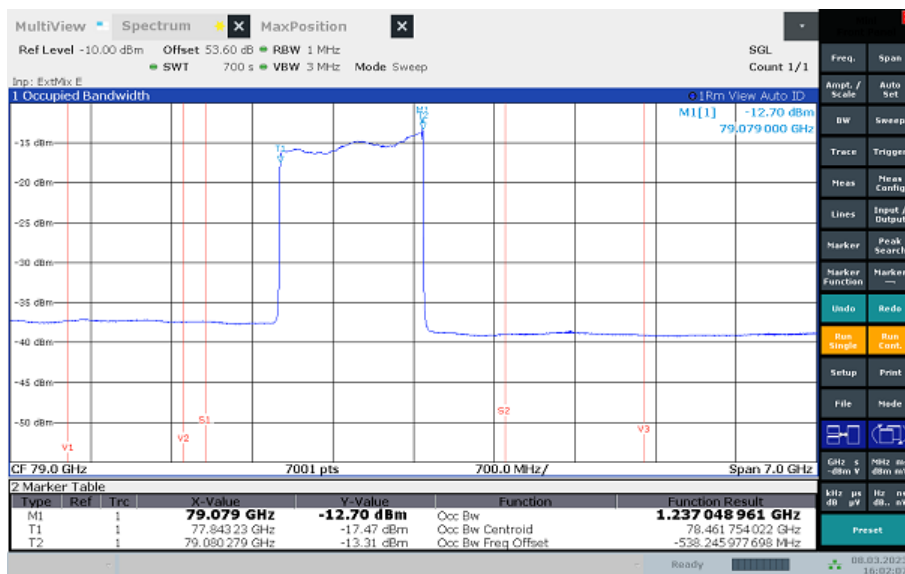
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

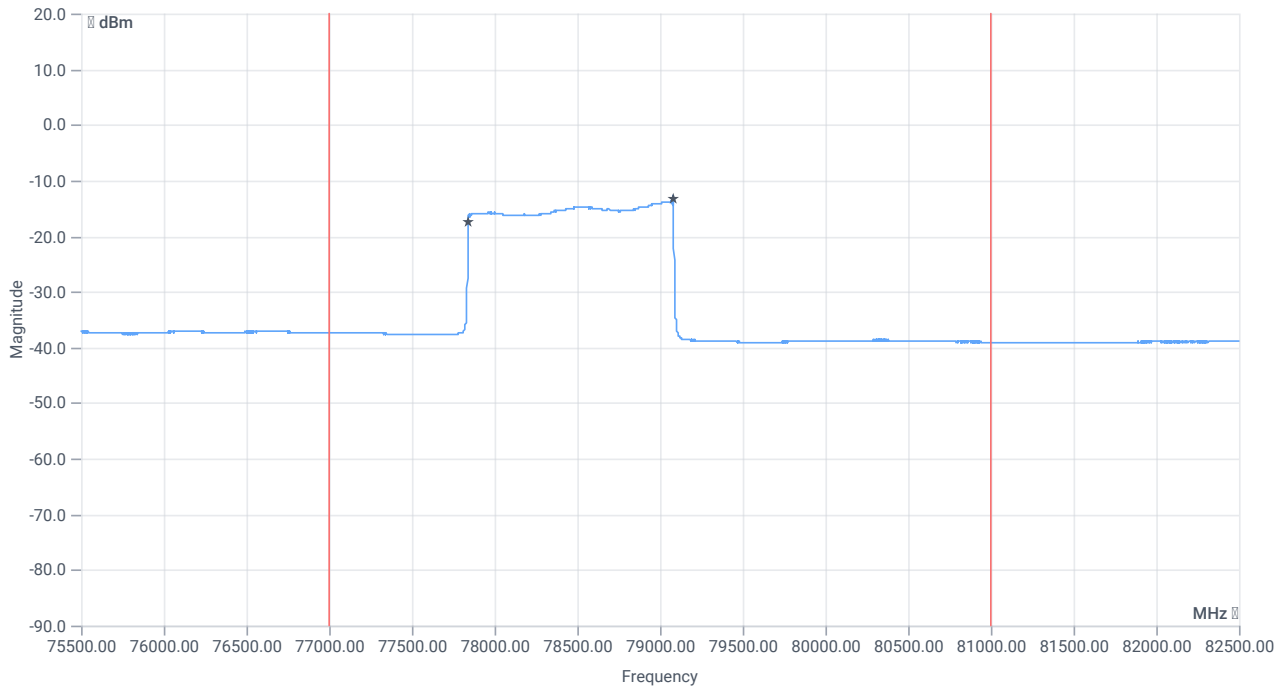
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1237.05	MHz	INFO
T1 99%	77000.00	--	77843.23	MHz	PASS
T2 99%	--	81000.00	79080.28	MHz	PASS
Max value @ 79079 MHz	--	--	-12.70	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 16:06:06
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

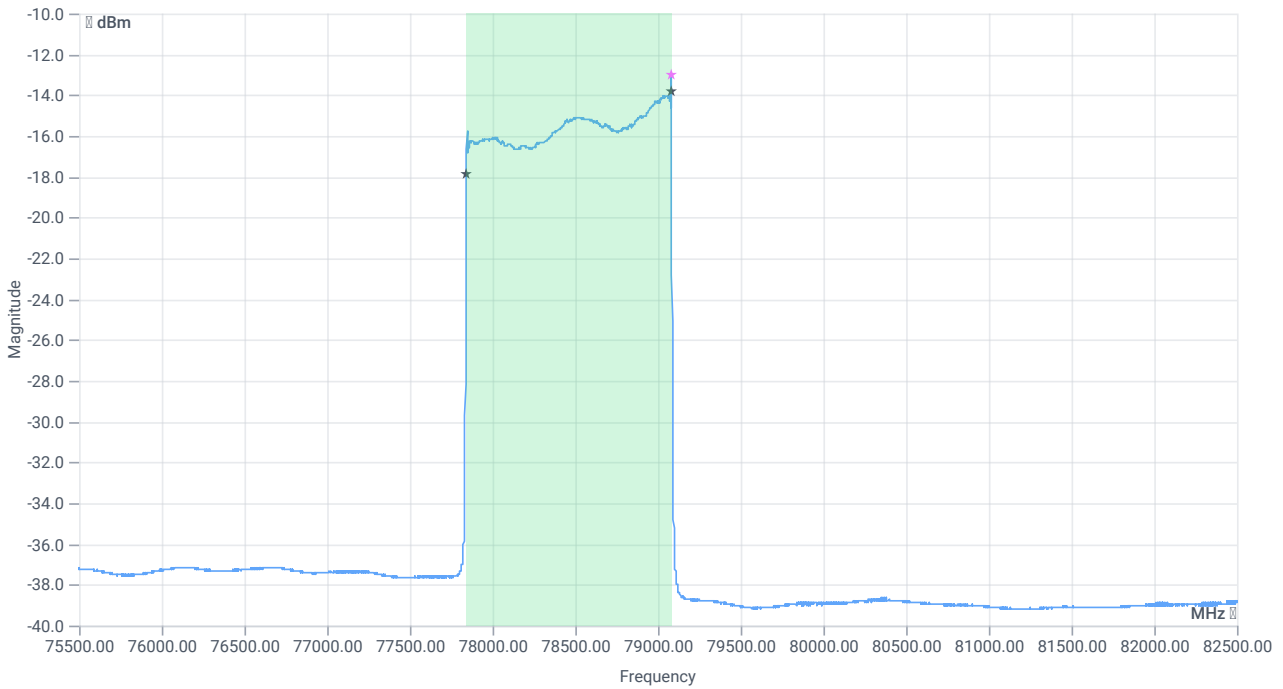
Switched Path	none
Temperature	min
Voltage	max
Additional Information	Cycle Time: 100ms Mode: High

### Test Equipment

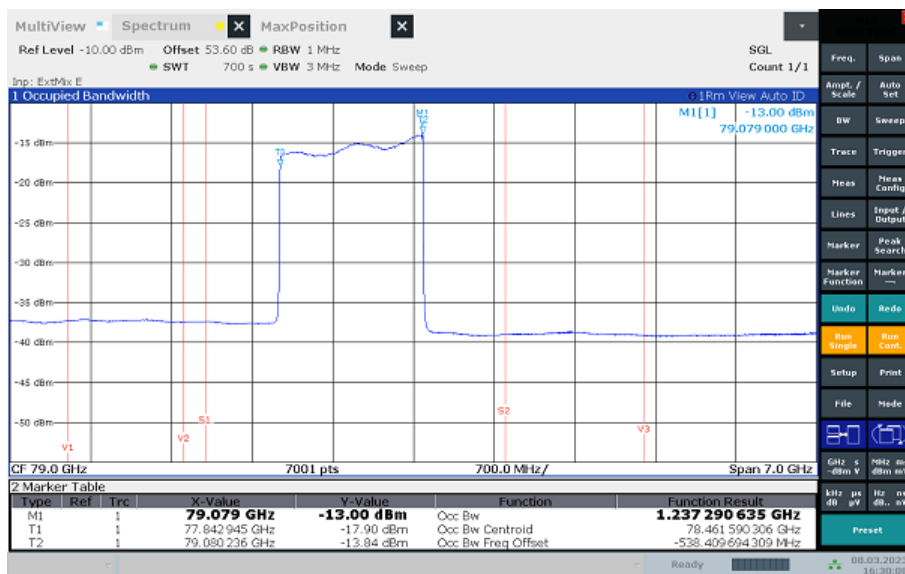
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

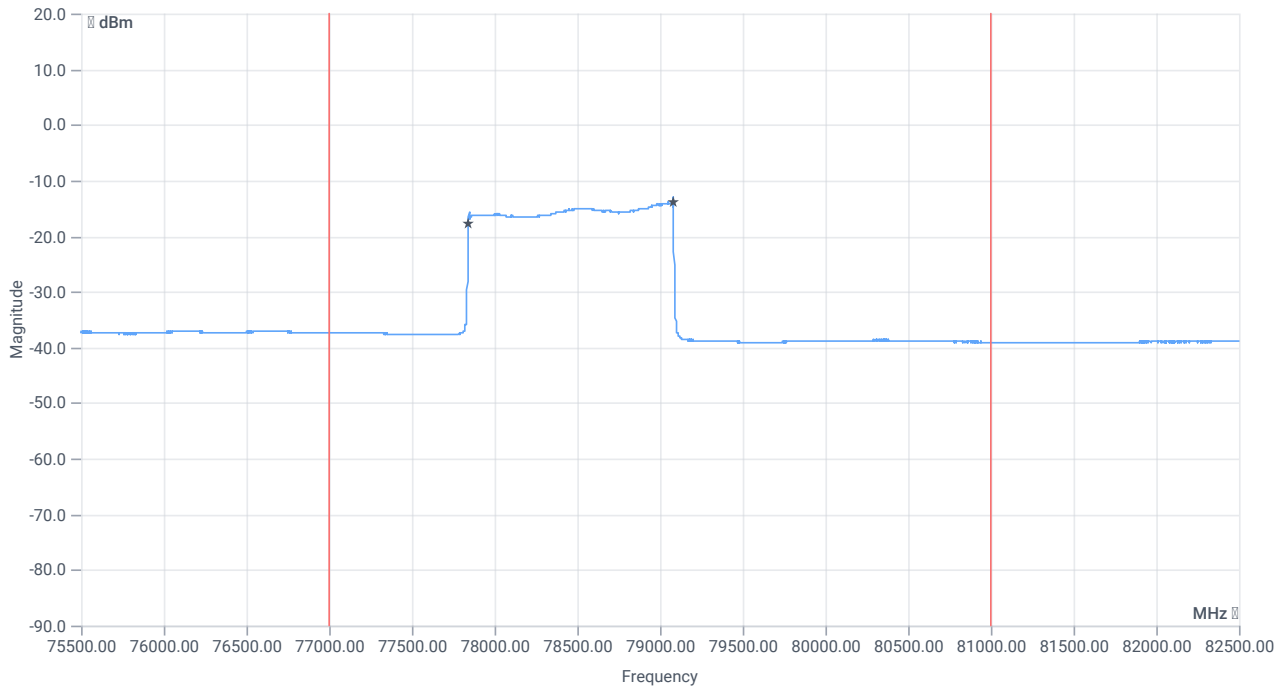
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1237.29	MHz	INFO
T1 99%	77000.00	--	77842.94	MHz	PASS
T2 99%	--	81000.00	79080.24	MHz	PASS
Max value @ 79079 MHz	--	--	-13.00	dBm	INFO

## Verdict

PASS



## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 16:34:08
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

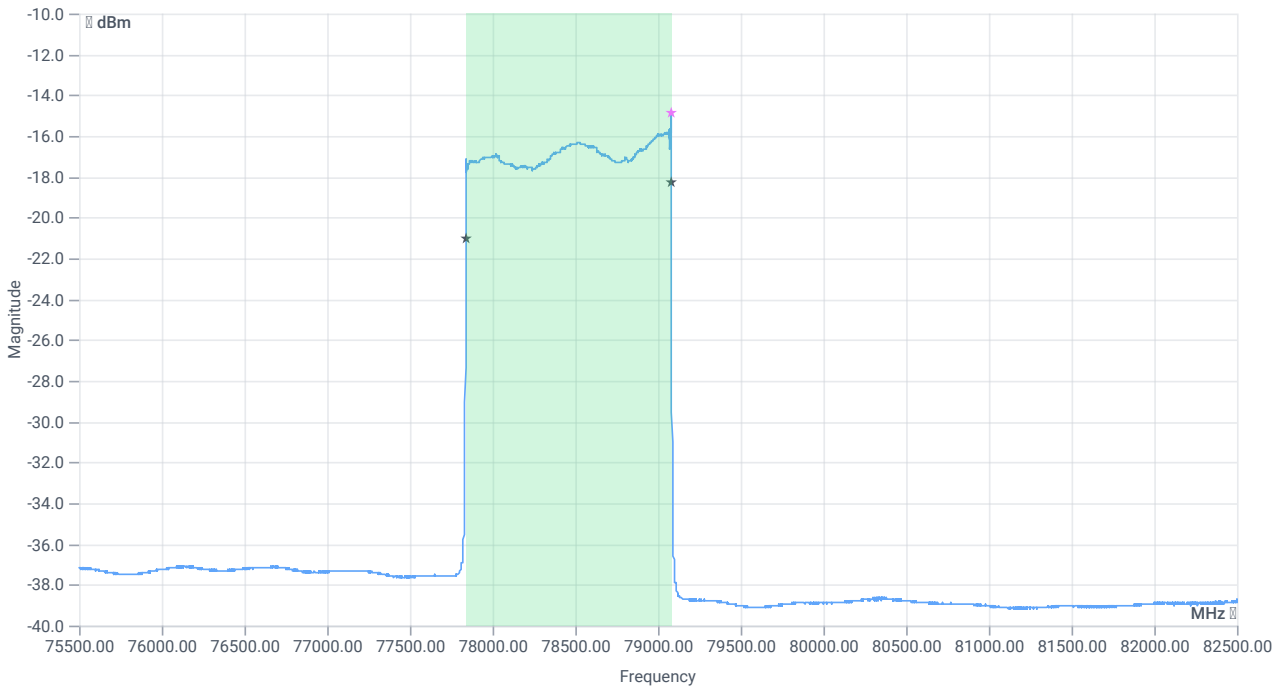
Switched Path	none
Temperature	max
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: High

### Test Equipment

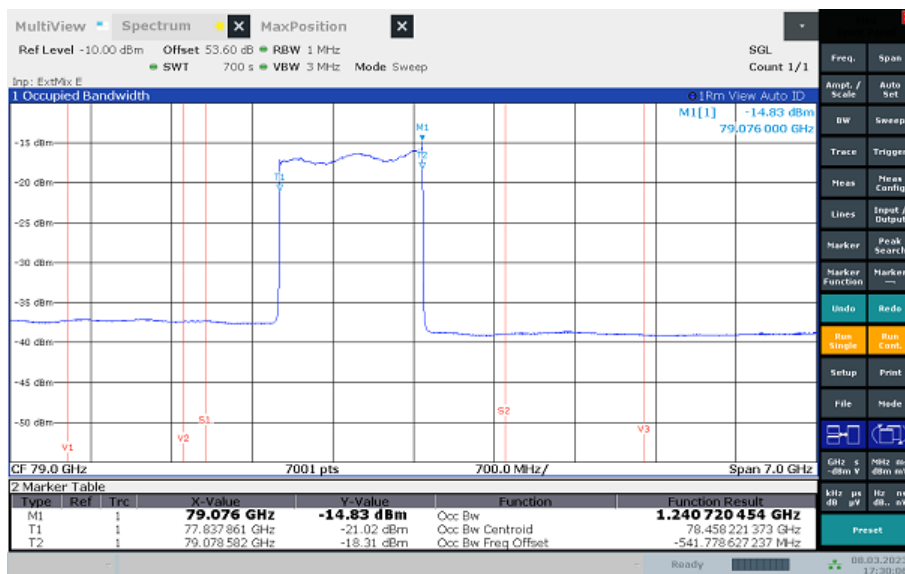
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

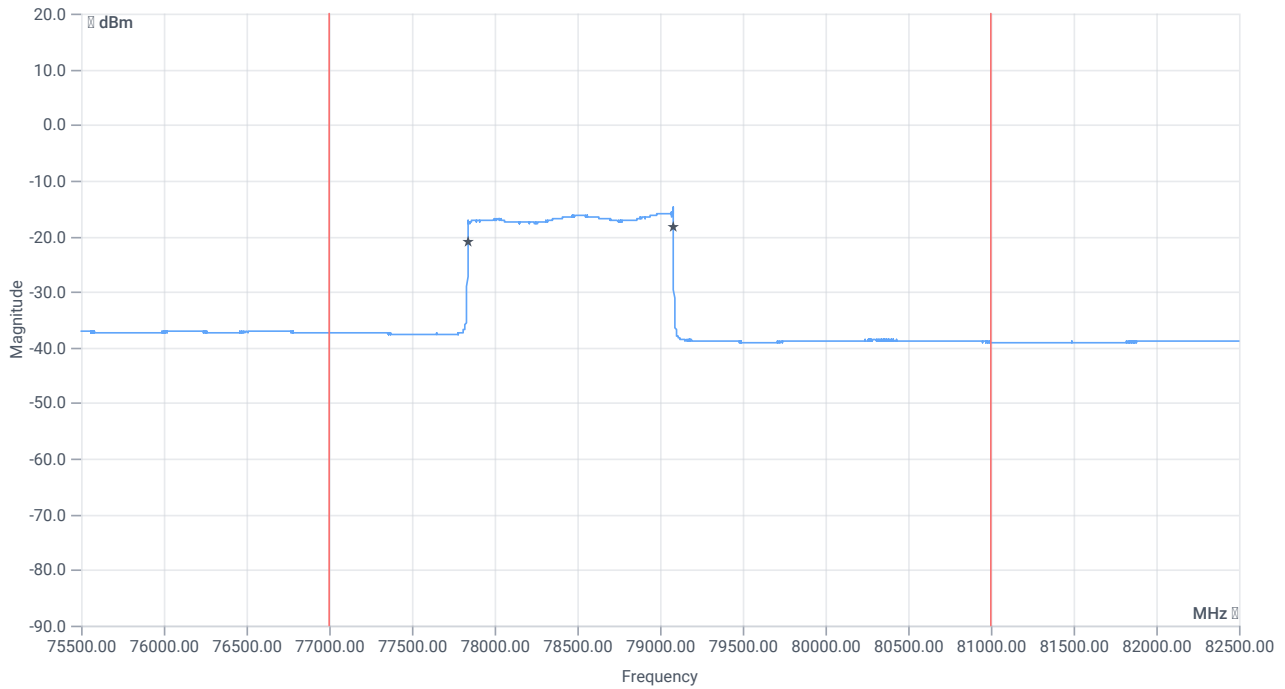
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1240.72	MHz	INFO
T1 99%	77000.00	--	77837.86	MHz	PASS
T2 99%	--	81000.00	79078.58	MHz	PASS
Max value @ 79076 MHz	--	--	-14.83	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 17:34:06
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

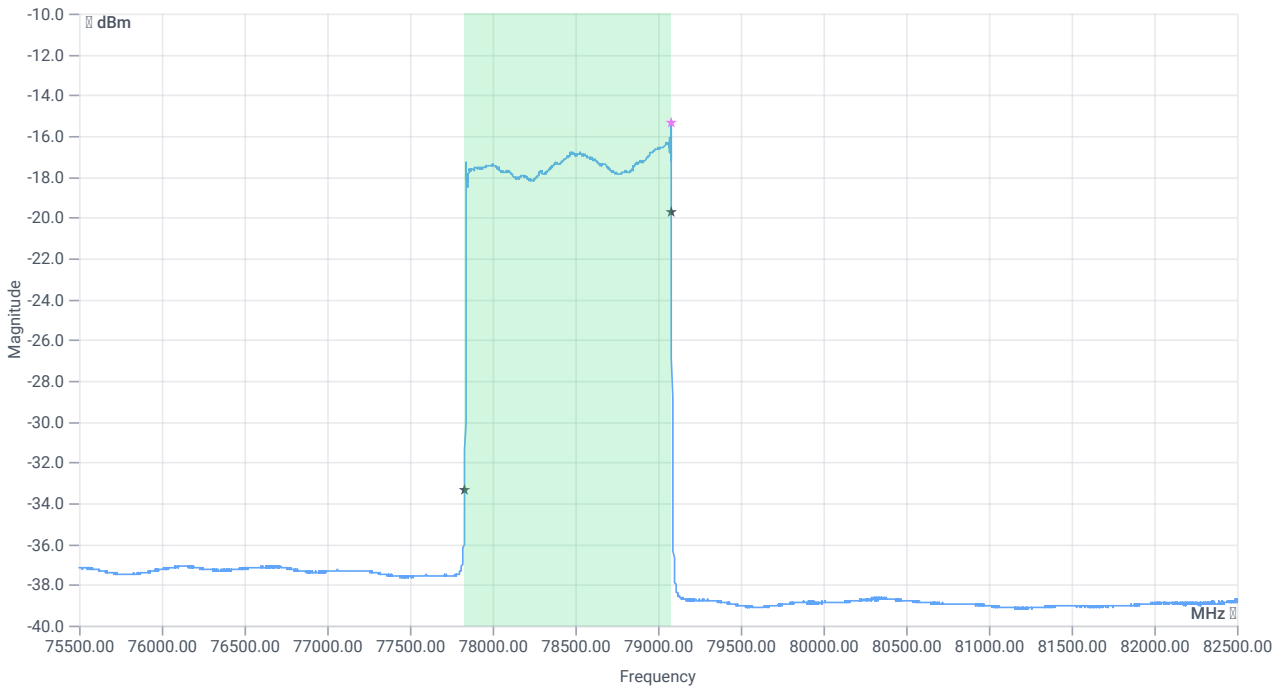
Switched Path	none
Temperature	max
Voltage	min
Additional Information	Cycle Time: 100ms Mode: High

### Test Equipment

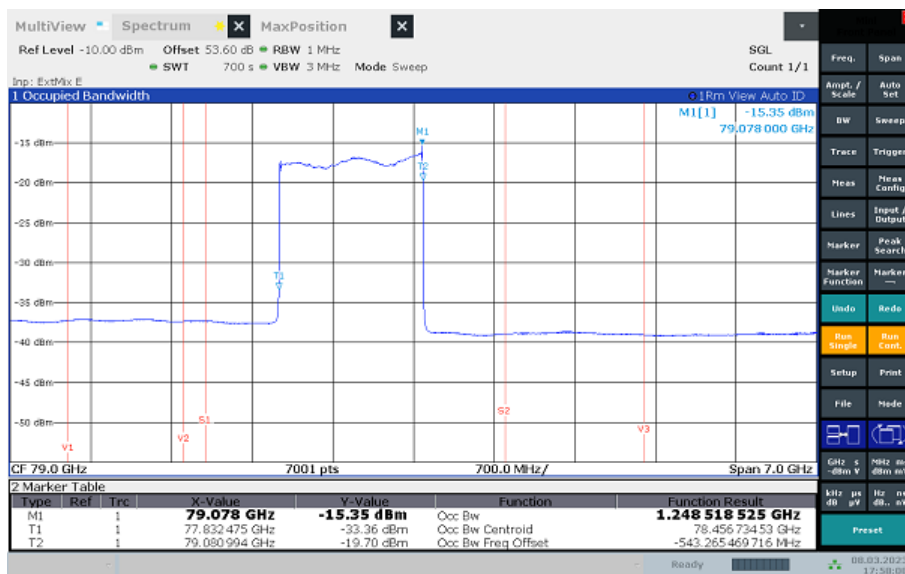
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE

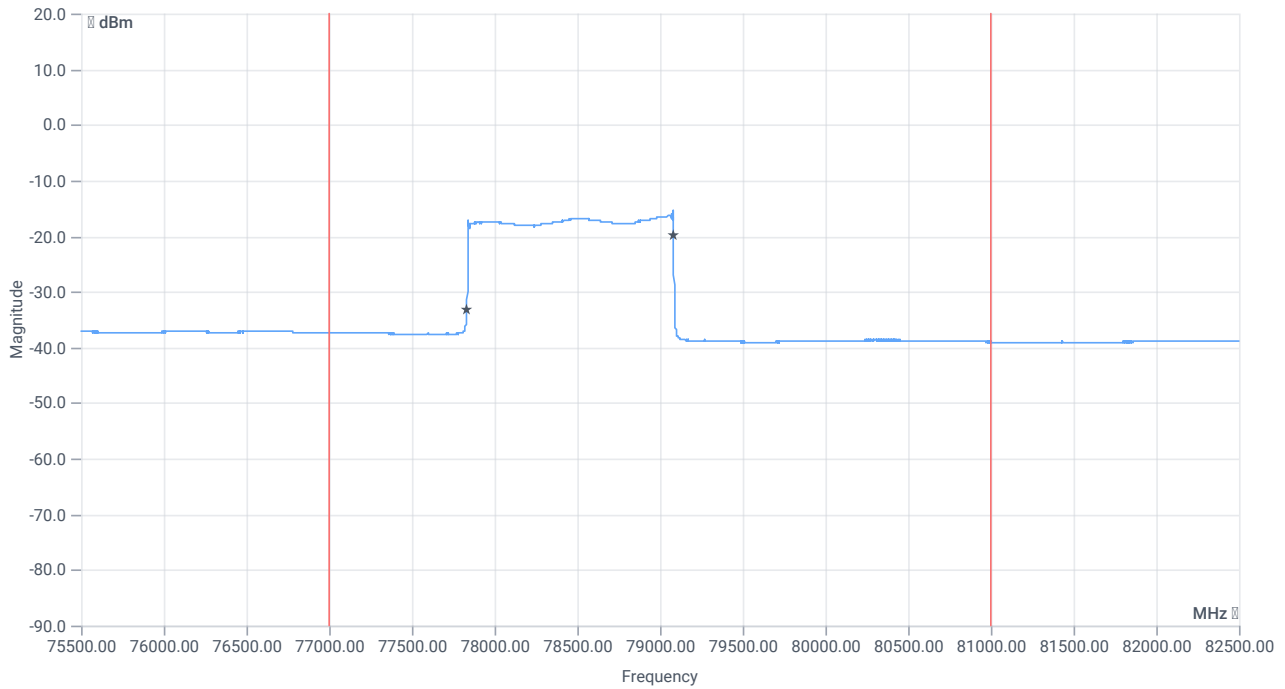


BW 99PCT



Date: 8.MAR.2023 17:58:09

Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1248.52	MHz	INFO
T1 99%	77000.00	--	77832.48	MHz	PASS
T2 99%	--	81000.00	79080.99	MHz	PASS
Max value @ 79078 MHz	--	--	-15.35	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz

### Test References

TC Start	08.03.2023 18:02:09
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: High

### Test Parameter

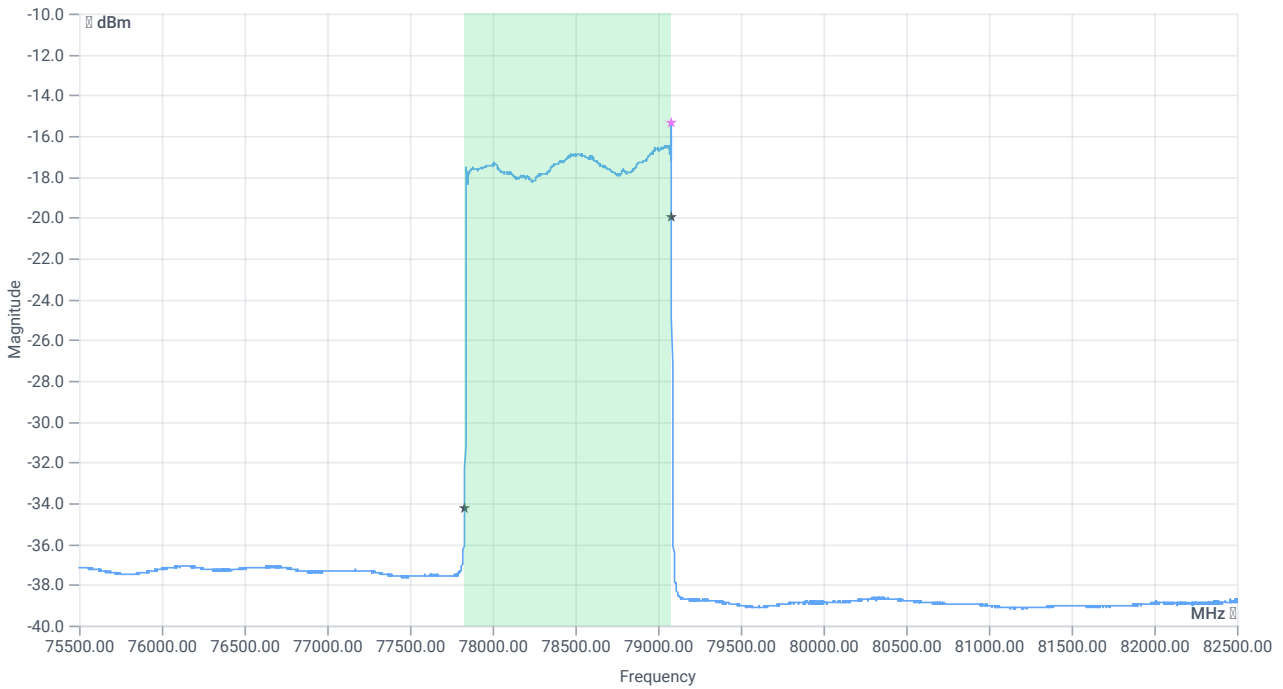
Switched Path	none
Temperature	max
Voltage	max
Additional Information	Cycle Time: 100ms Mode: High

### Test Equipment

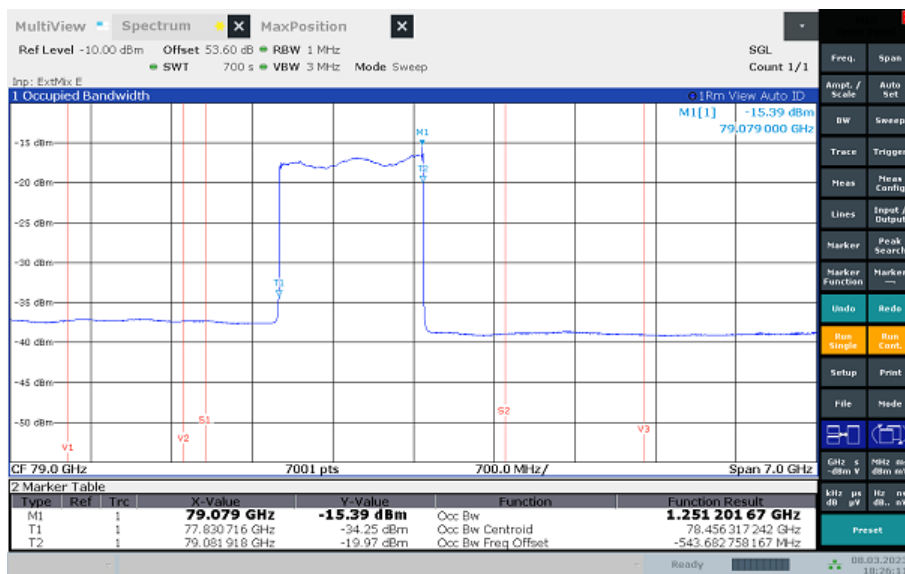
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



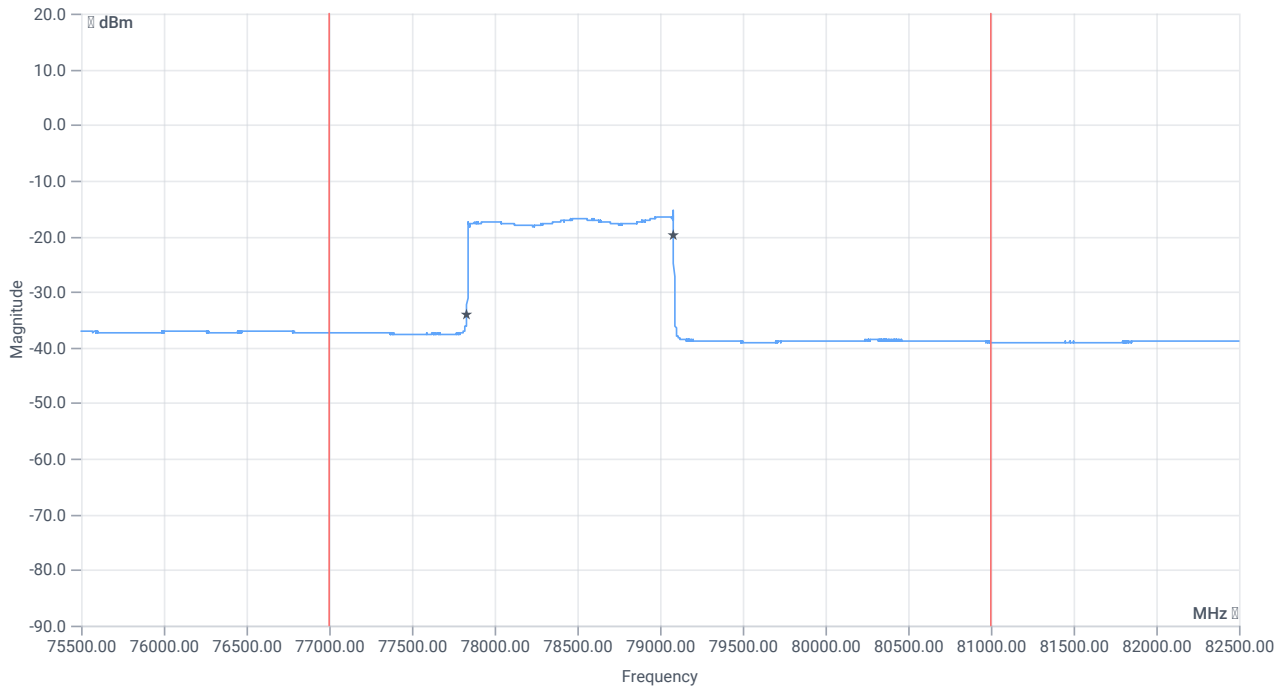
BW 99PCT



Date: 8.MAR.2023 18:26:11

Systems EN # Bandwidth 99pct ~ Mode: High 77000-81000 MHz 99PCT





BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	1251.20	MHz	INFO
T1 99%	77000.00	--	77830.72	MHz	PASS
T2 99%	--	81000.00	79081.92	MHz	PASS
Max value @ 79079 MHz	--	--	-15.39	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 08:58:25
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

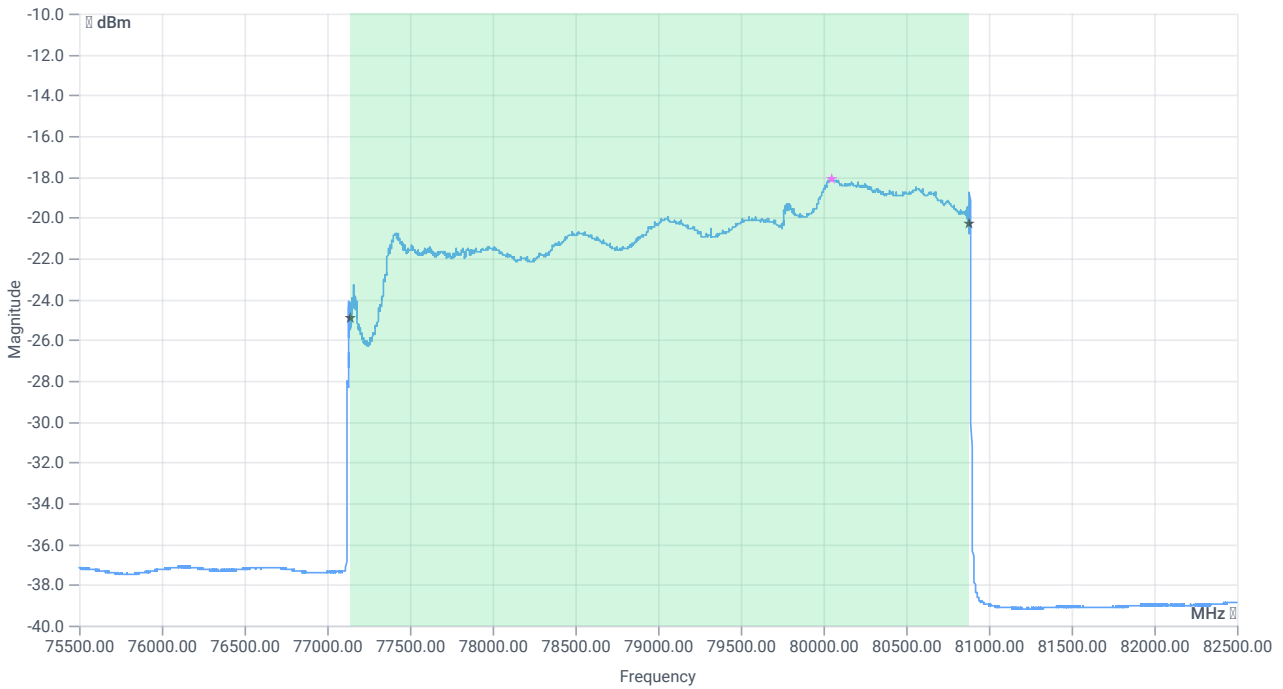
Switched Path	none
Temperature	nom
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: Fast

### Test Equipment

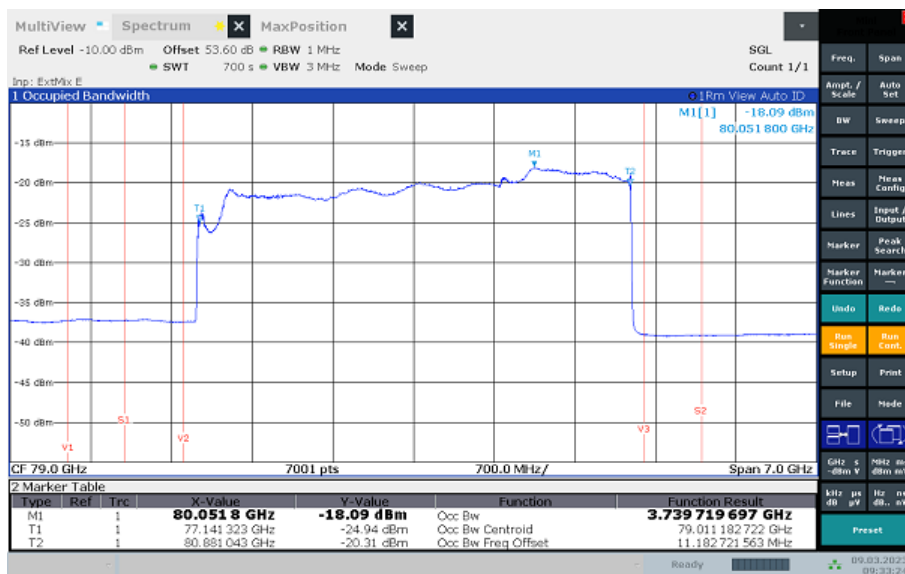
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3739.72	MHz	INFO
T1 99%	77000.00	--	77141.32	MHz	PASS
T2 99%	--	81000.00	80881.04	MHz	PASS
Max value @ 80051.8 MHz	--	--	-18.09	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 09:37:21
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

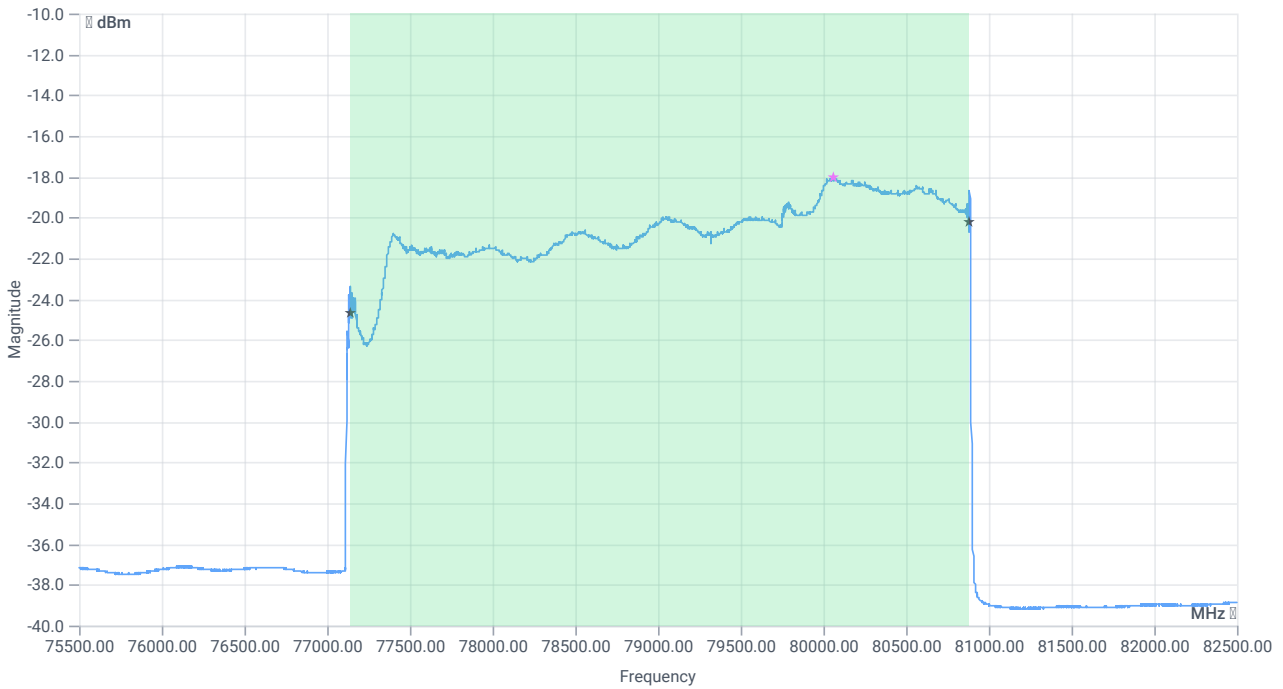
Switched Path	none
Temperature	nom
Voltage	min
Additional Information	Cycle Time: 100ms Mode: Fast

### Test Equipment

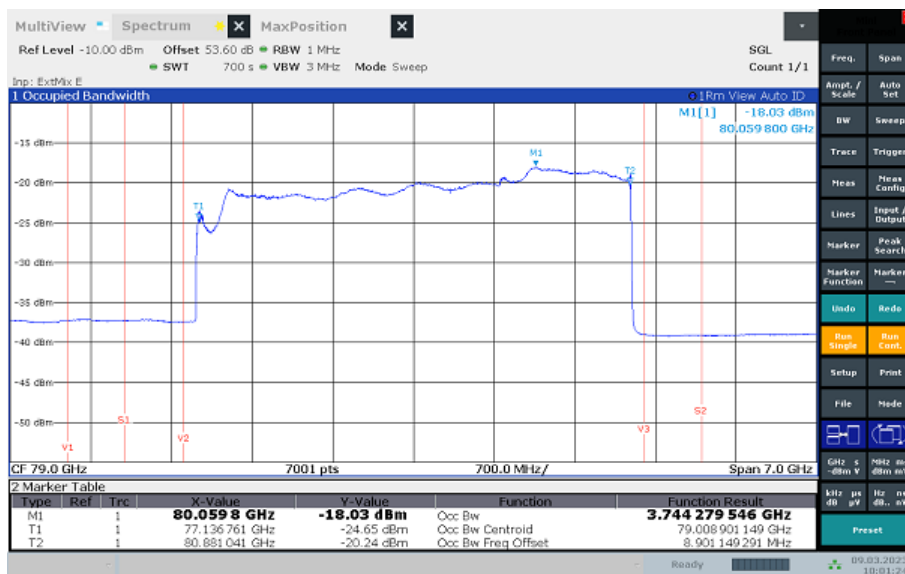
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

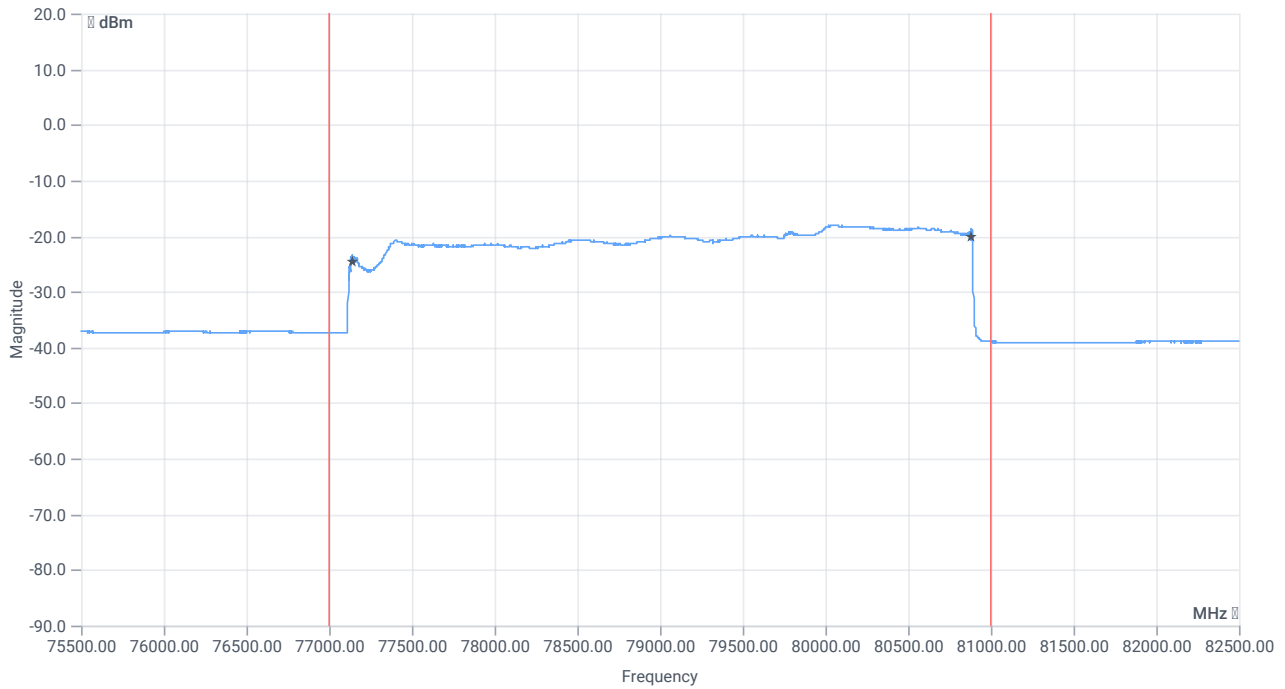
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3744.28	MHz	INFO
T1 99%	77000.00	--	77136.76	MHz	PASS
T2 99%	--	81000.00	80881.04	MHz	PASS
Max value @ 80059.8 MHz	--	--	-18.03	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 10:05:22
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

Switched Path	none
Temperature	nom
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Fast

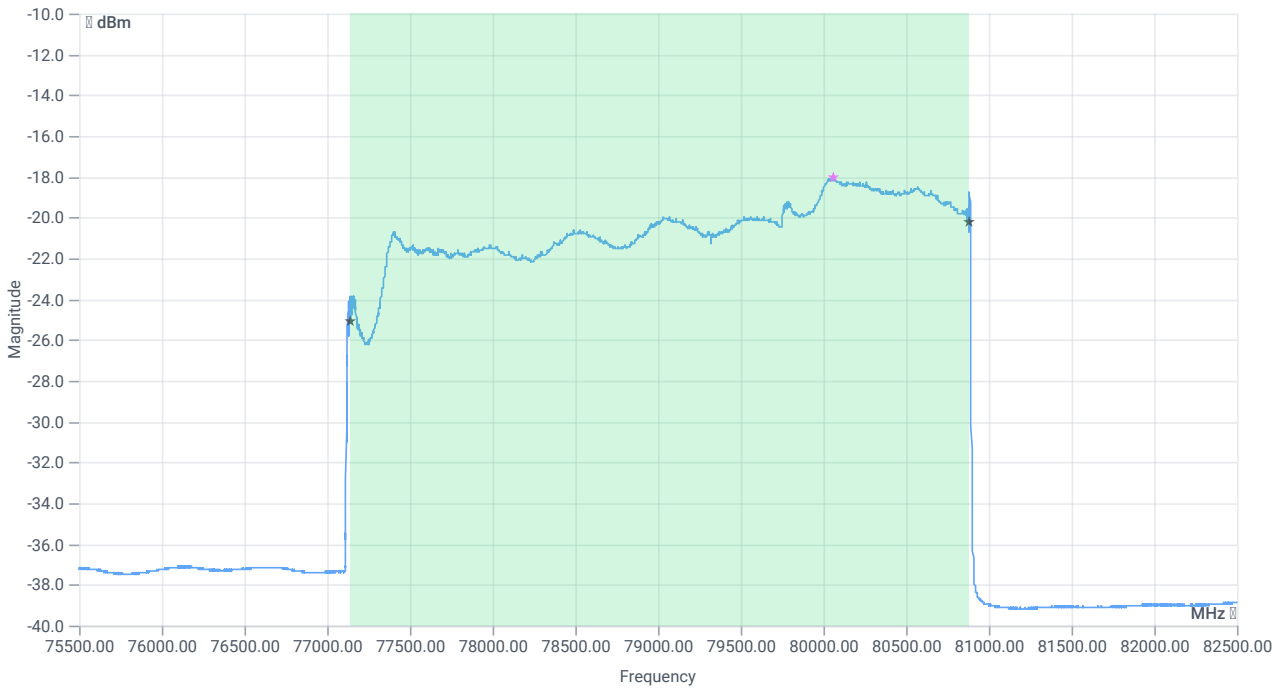
### Test Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

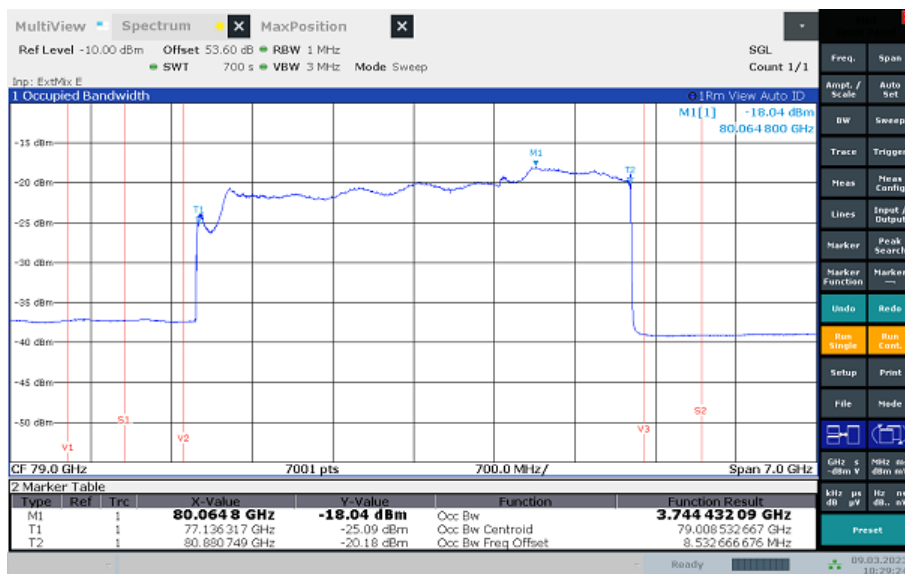
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE

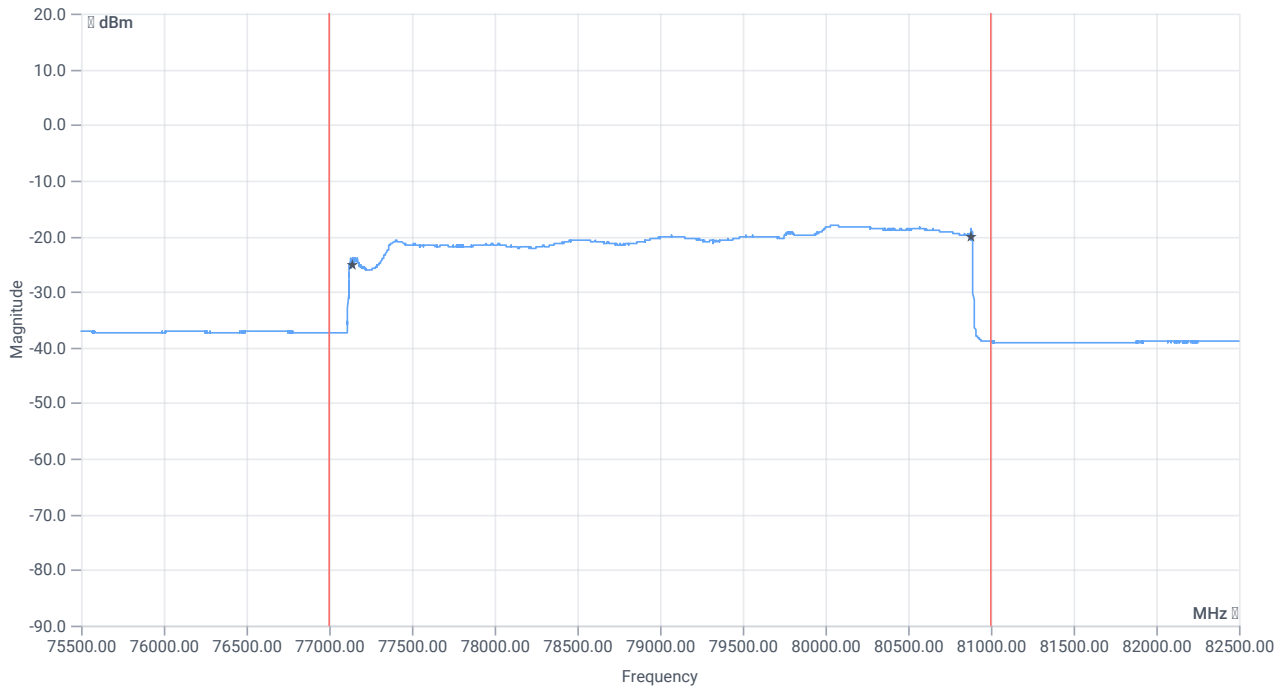




BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3744.43	MHz	INFO
T1 99%	77000.00	--	77136.32	MHz	PASS
T2 99%	--	81000.00	80880.75	MHz	PASS
Max value @ 80064.8 MHz	--	--	-18.04	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 10:33:22
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

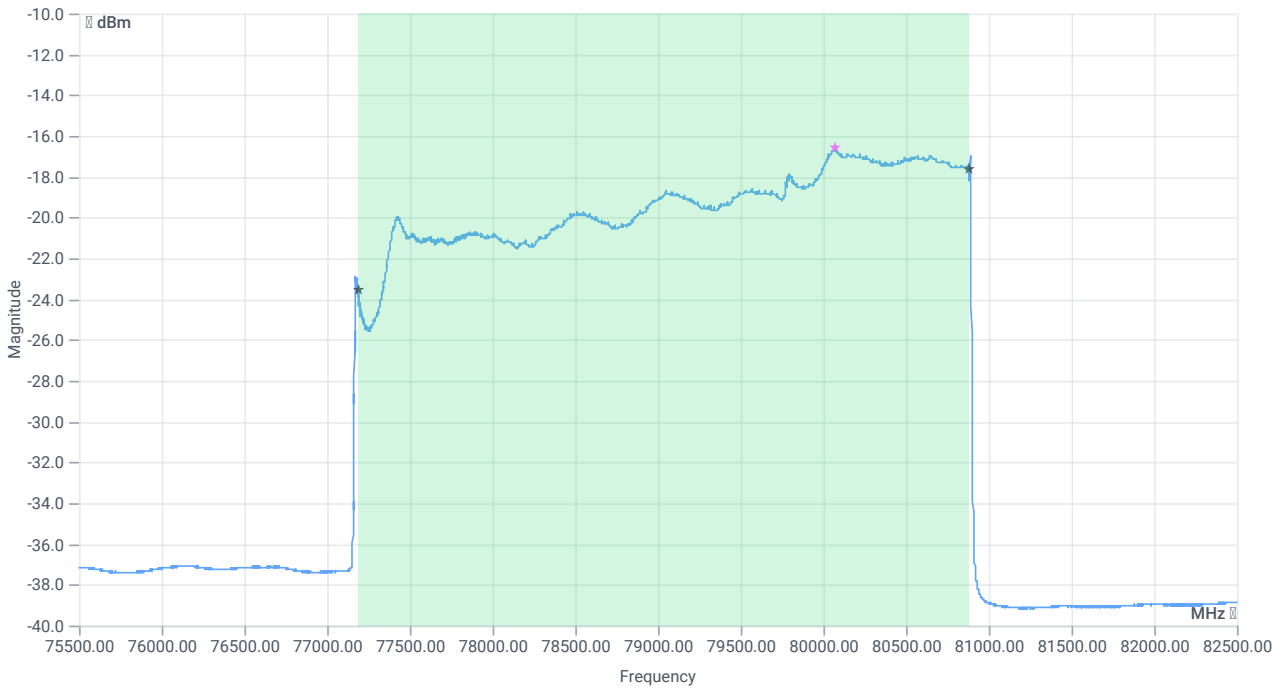
Switched Path	none
Temperature	min
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: Fast

### Test Equipment

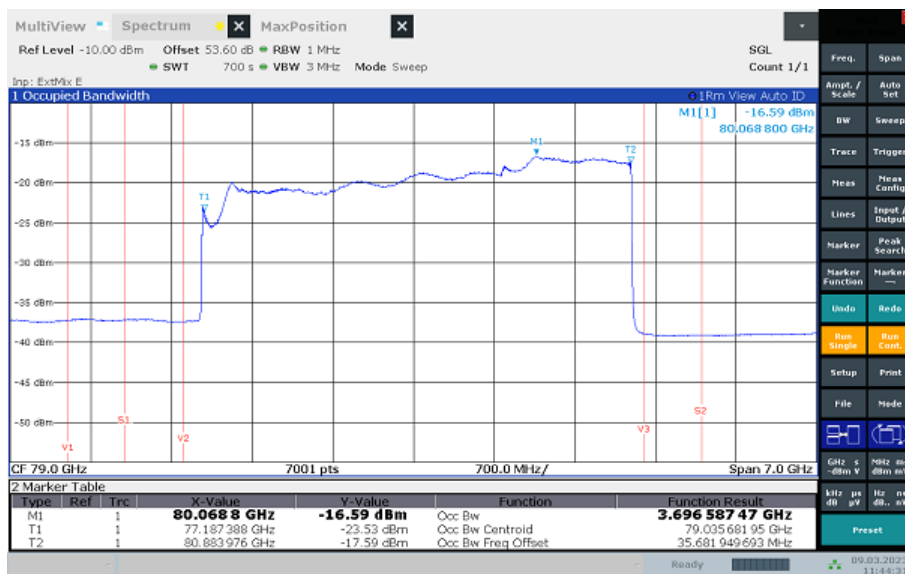
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT



*BW within Band 99PCT*

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3696.59	MHz	INFO
T1 99%	77000.00	--	77187.39	MHz	PASS
T2 99%	--	81000.00	80883.98	MHz	PASS
Max value @ 80068.8 MHz	--	--	-16.59	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 11:48:29
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

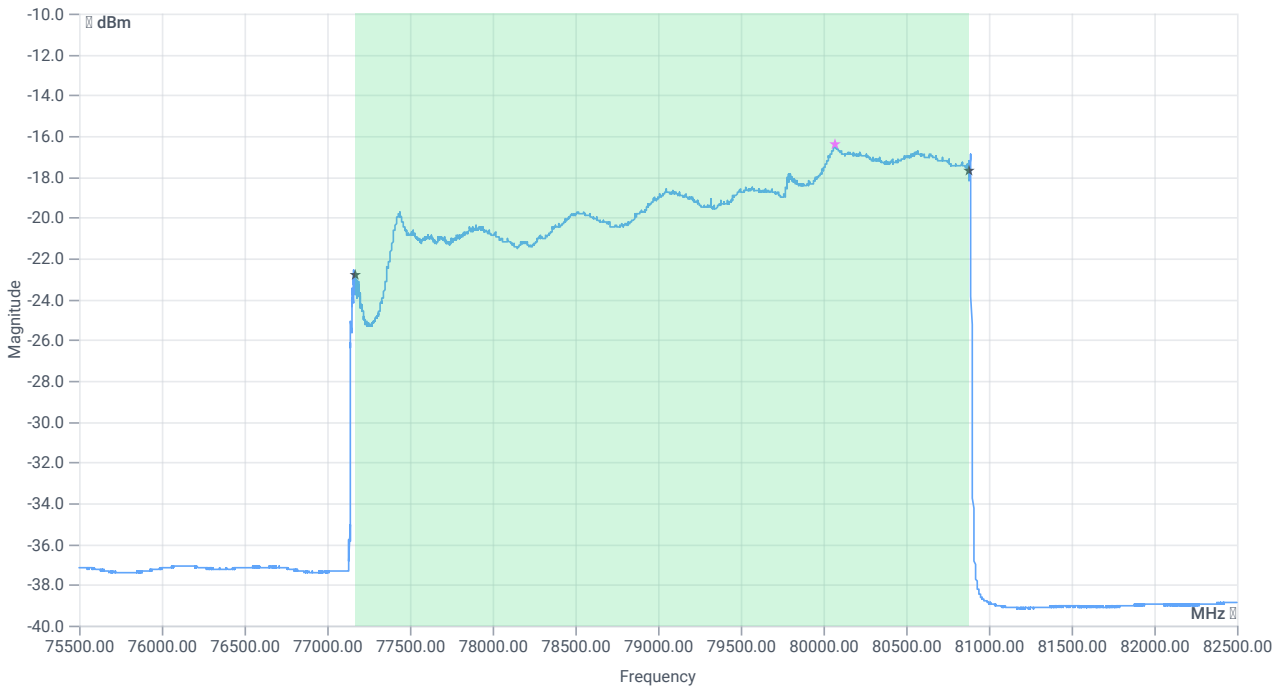
Switched Path	none
Temperature	min
Voltage	min
Additional Information	Cycle Time: 100ms Mode: Fast

### Test Equipment

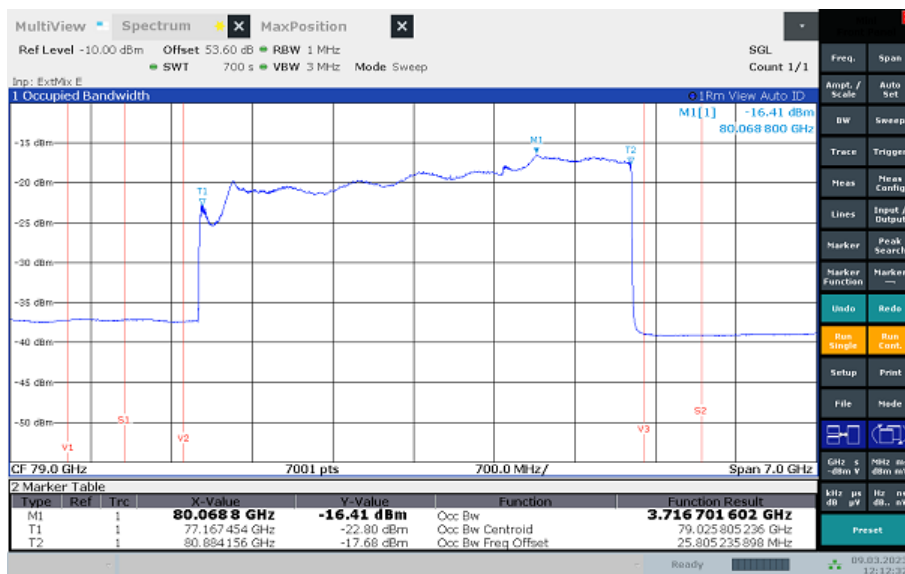
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE

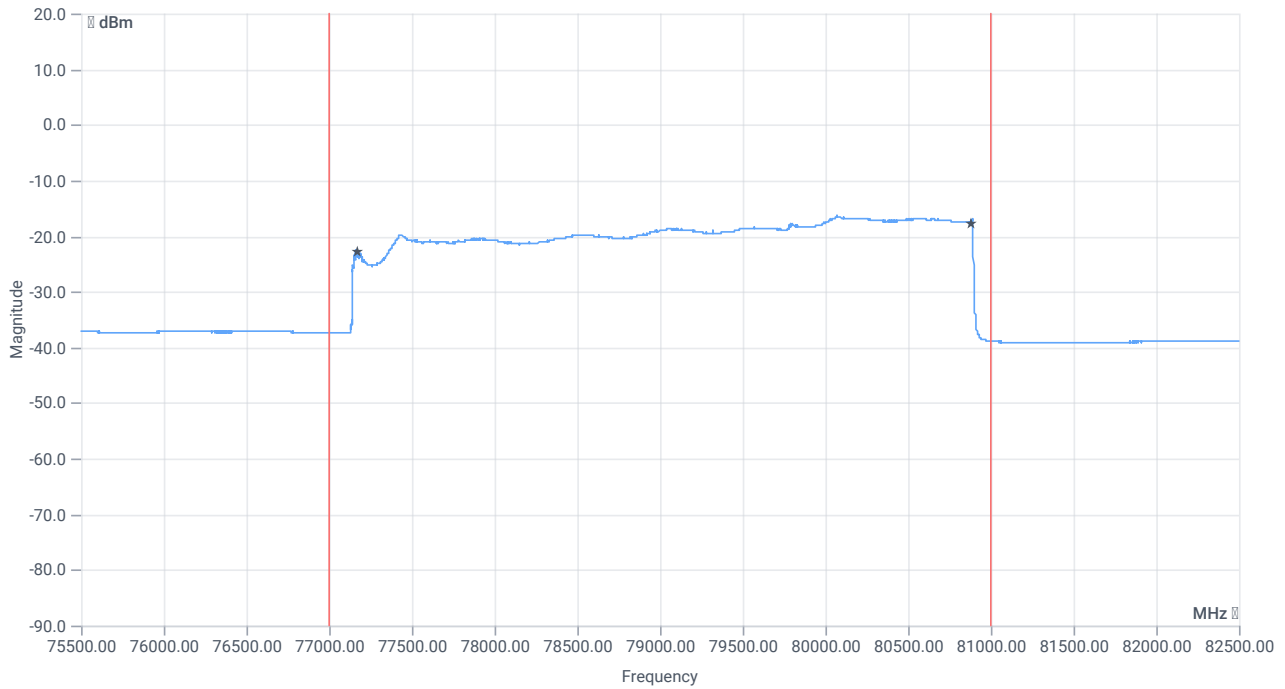


BW 99PCT



Date: 9.MAR.2023 12:12:33

Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3716.70	MHz	INFO
T1 99%	77000.00	--	77167.45	MHz	PASS
T2 99%	--	81000.00	80884.16	MHz	PASS
Max value @ 80068.8 MHz	--	--	-16.41	dBm	INFO

## Verdict

PASS



## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 12:16:30
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

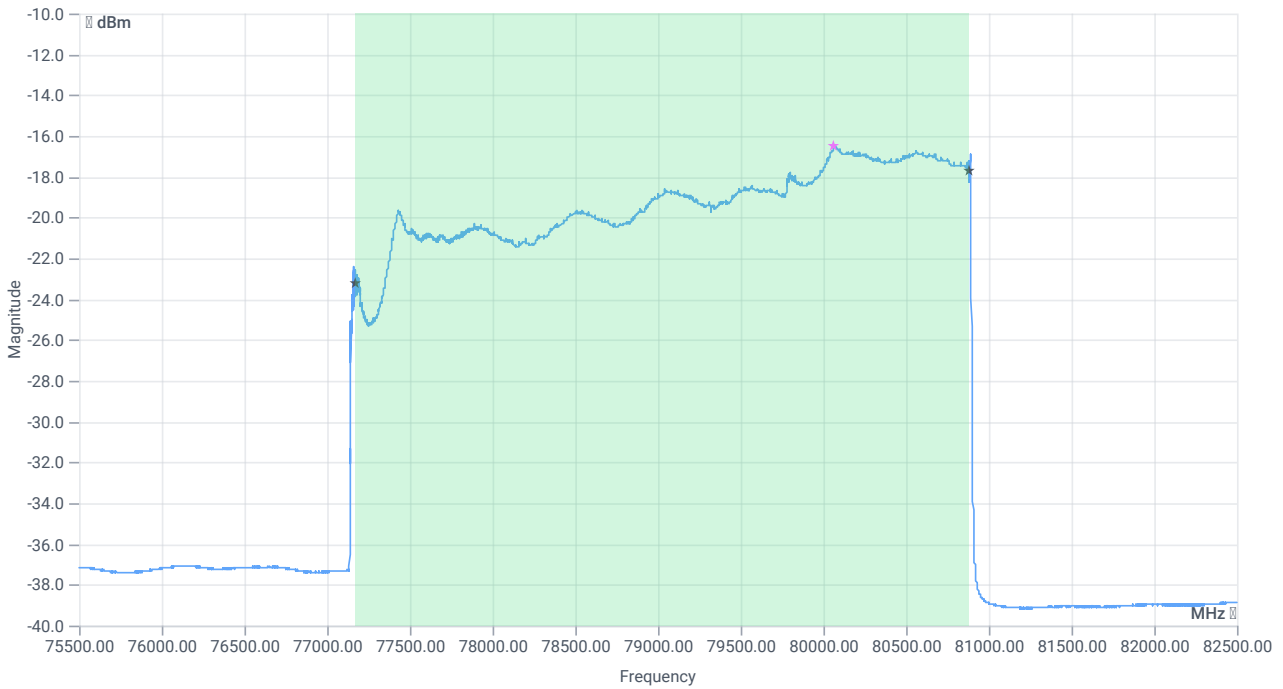
Switched Path	none
Temperature	min
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Fast

### Test Equipment

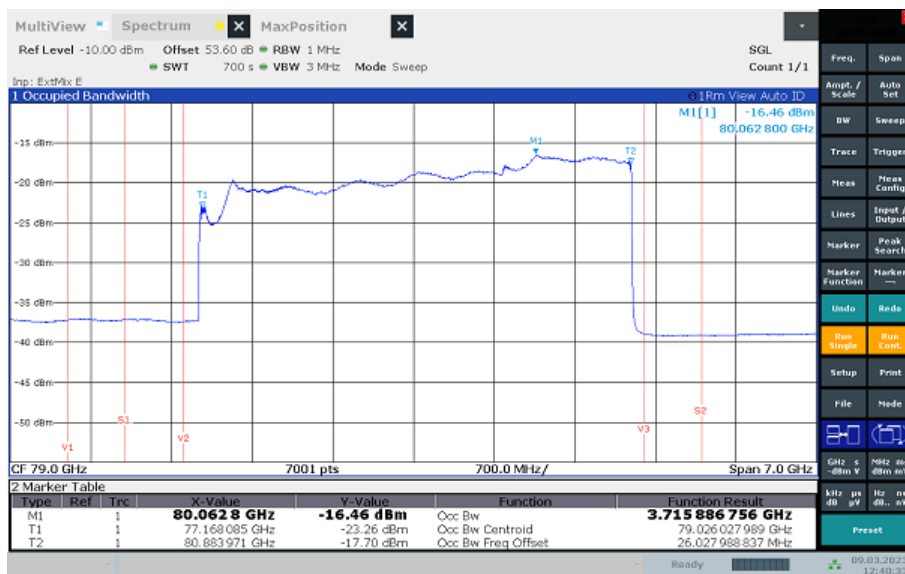
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

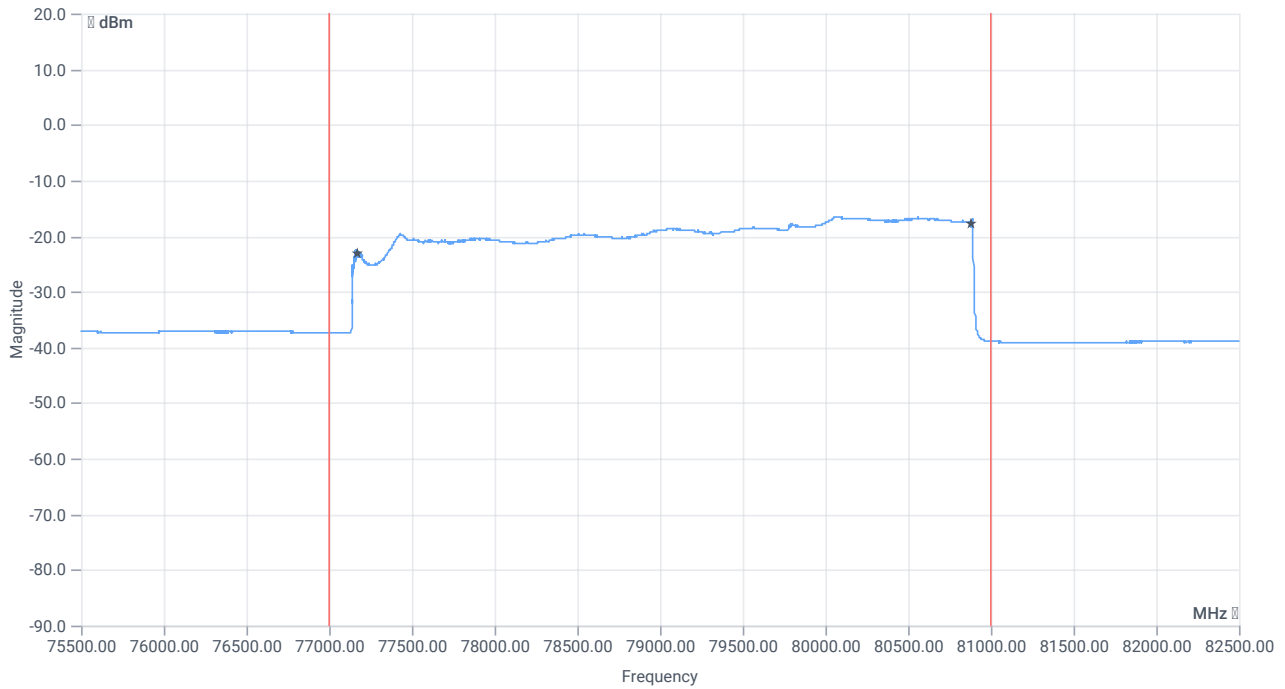
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3715.89	MHz	INFO
T1 99%	77000.00	--	77168.08	MHz	PASS
T2 99%	--	81000.00	80883.97	MHz	PASS
Max value @ 80062.8 MHz	--	--	-16.46	dBm	INFO

## Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 12:44:32
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

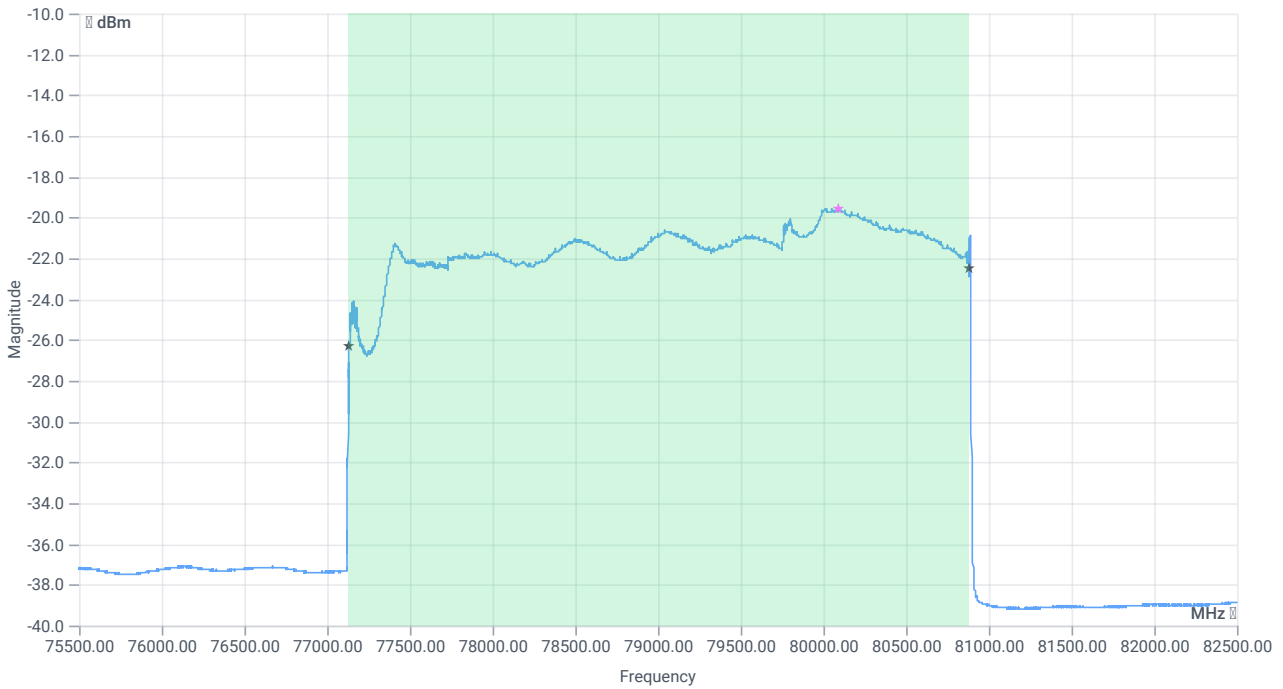
Switched Path	none
Temperature	max
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: Fast

### Test Equipment

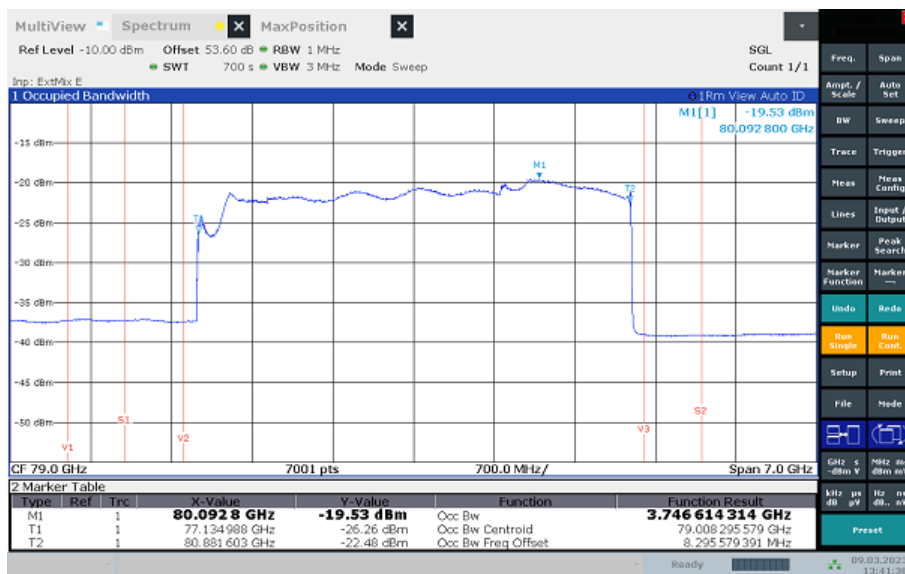
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

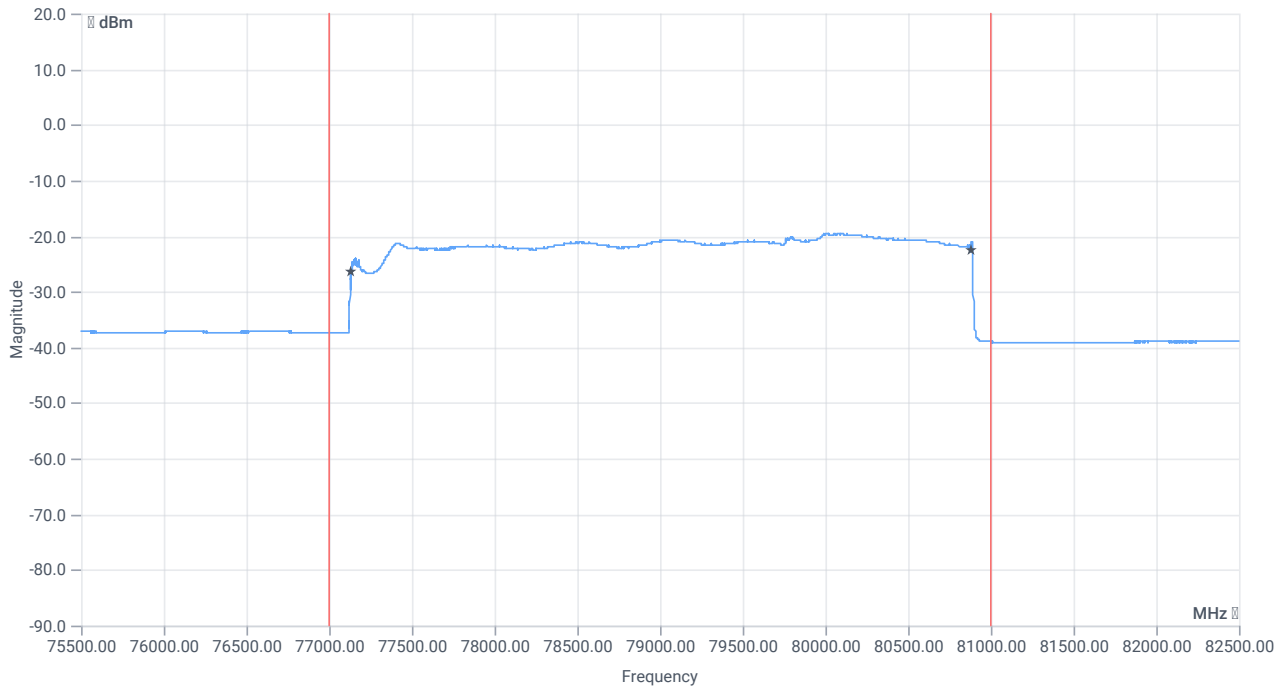
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3746.61	MHz	INFO
T1 99%	77000.00	--	77134.99	MHz	PASS
T2 99%	--	81000.00	80881.60	MHz	PASS
Max value @ 80092.8 MHz	--	--	-19.53	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 13:45:36
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

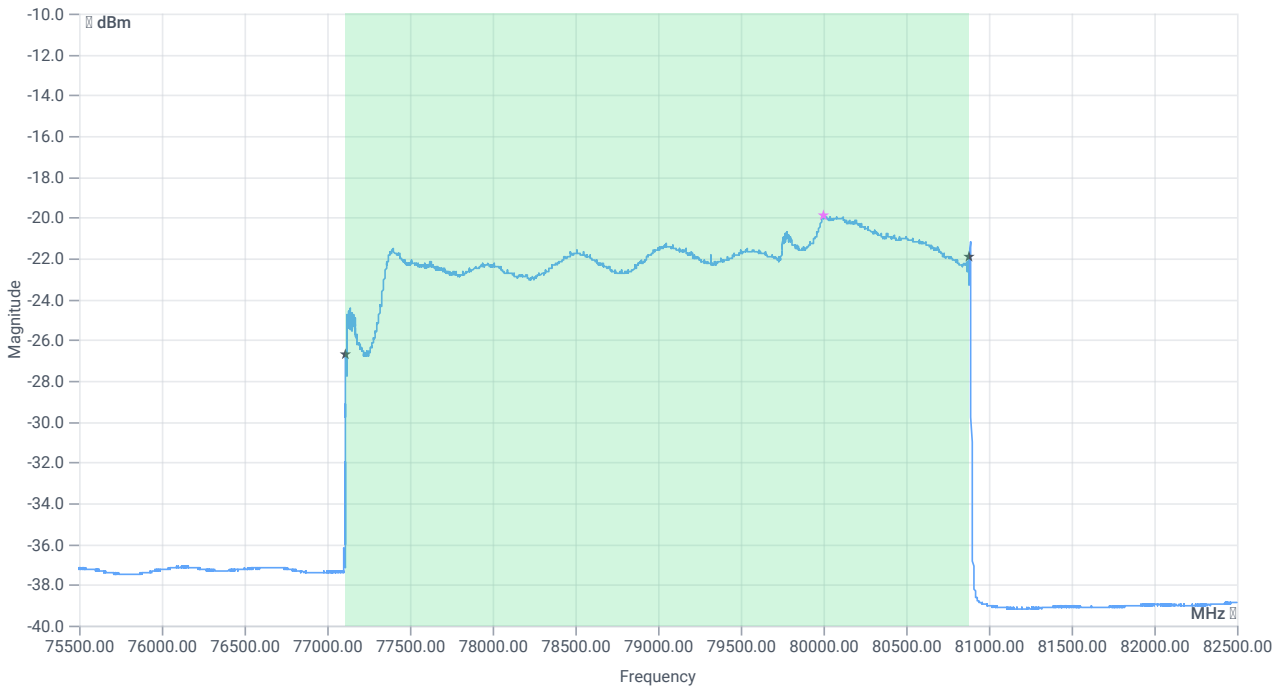
Switched Path	none
Temperature	max
Voltage	min
Additional Information	Cycle Time: 100ms Mode: Fast

### Test Equipment

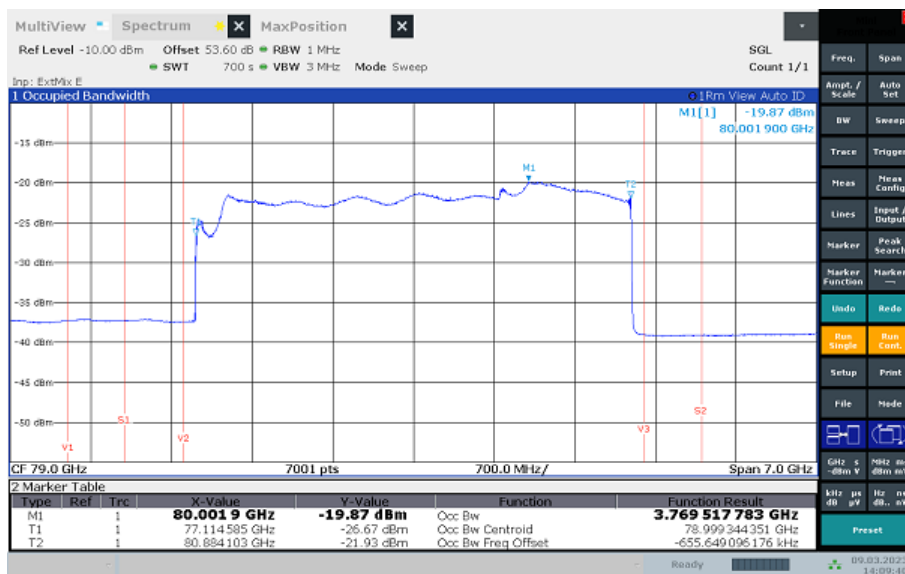
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE

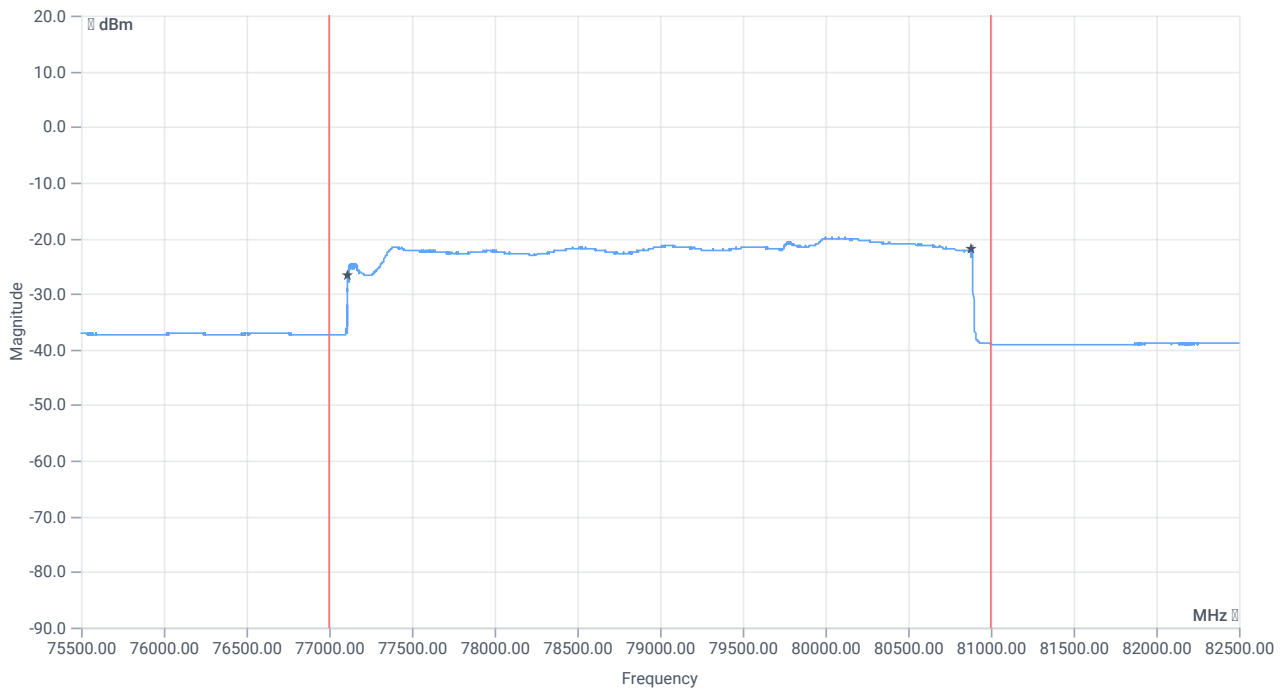


BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT





BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3769.52	MHz	INFO
T1 99%	77000.00	--	77114.59	MHz	PASS
T2 99%	--	81000.00	80884.10	MHz	PASS
Max value @ 80001.9 MHz	--	--	-19.87	dBm	INFO

Verdict

PASS

## Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz

### Test References

TC Start	09.03.2023 14:13:39
Ambit Temp [°C]   Humidity [rel%]	not enabled   not enabled
System Version	3.5.0.9
Test Specification	Systems EN -
Test Method	
TC Version	0.0.1
My Description	Systems EN Bandwidth 99pct
Add. Information	Cycle Time: 100ms Mode: Fast

### Test Parameter

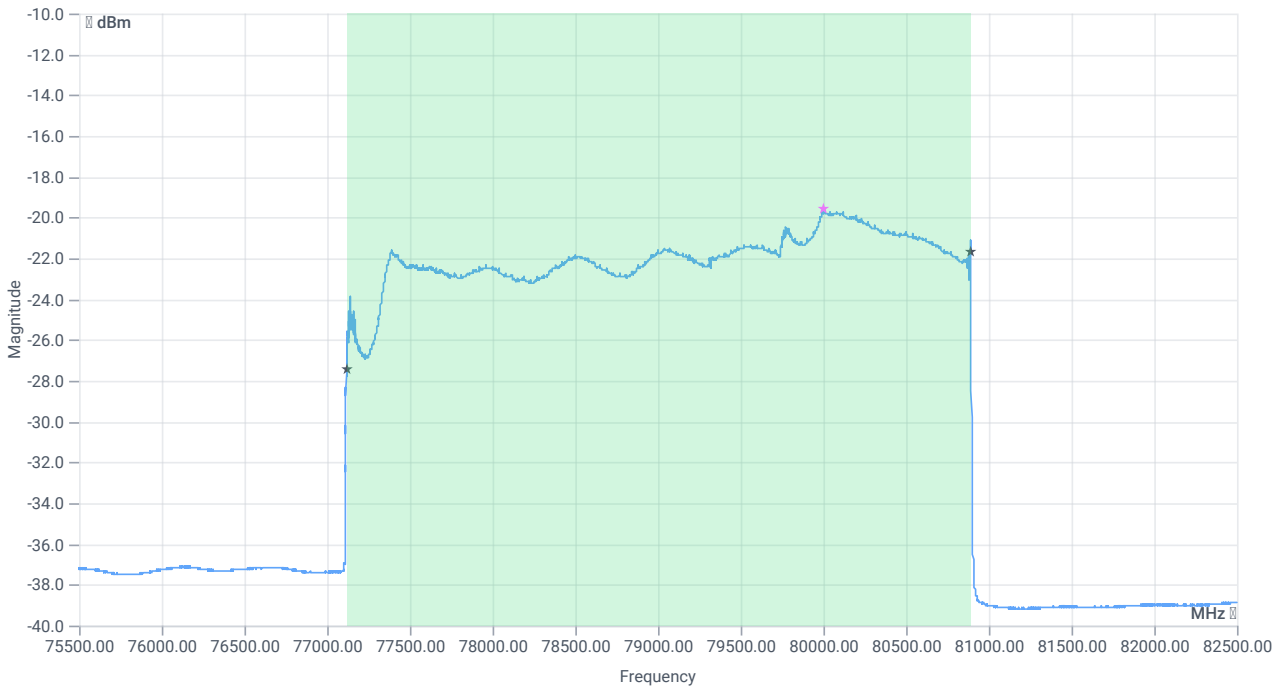
Switched Path	none
Temperature	max
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Fast

### Test Equipment

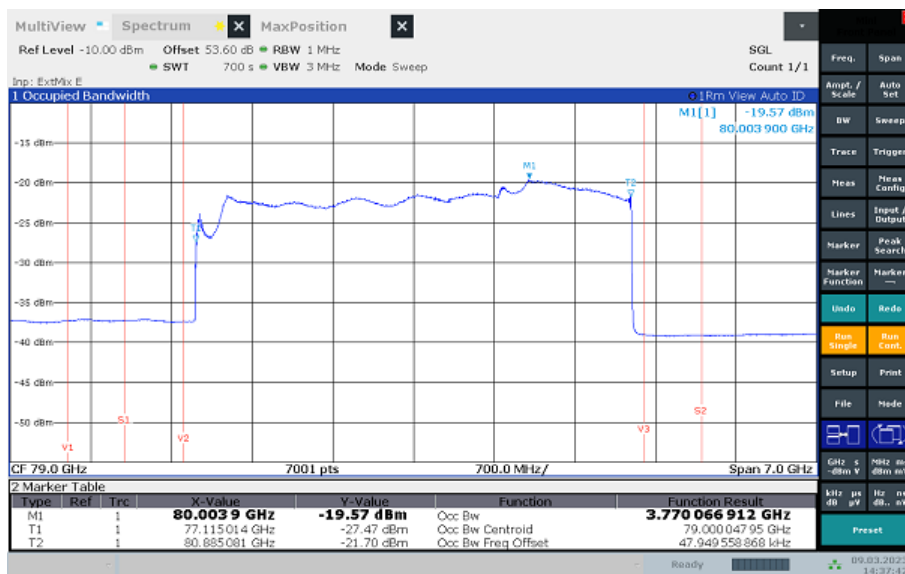
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	-10.00   53.6   0
Start [MHz]   Stop [MHz]	75500.000   82500.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	700000   1   7001   SWE



BW 99PCT



Systems EN # Bandwidth 99pct ~ Mode: Fast 77000-81000 MHz 99PCT



BW within Band 99PCT

## RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	3770.07	MHz	INFO
T1 99%	77000.00	--	77115.01	MHz	PASS
T2 99%	--	81000.00	80885.08	MHz	PASS
Max value @ 80003.9 MHz	--	--	-19.57	dBm	INFO

## Verdict

PASS

- END OF DOCUMENT -