

Measurement Results

No.1-3180/21-01-02_Annex_Peak Power

Test logging

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Document authorized:

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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 # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	07.03.2023 17:38:51
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 Peak power
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

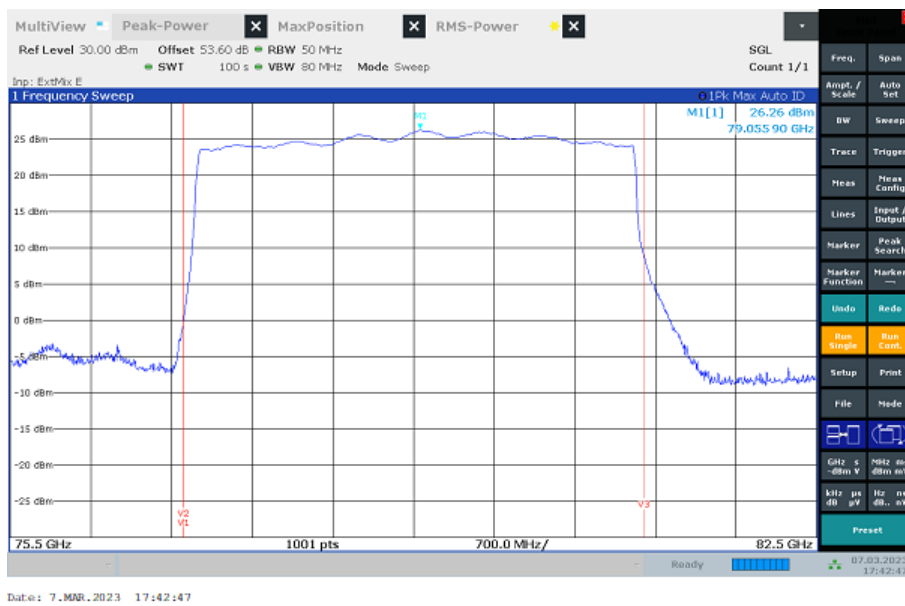
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	26.26	dBm	PASS
Peak Power	---	---	422.668614	mW	PASS
Frequency at Peak	---	---	79055.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	07.03.2023 18:06:52
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 Peak power
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

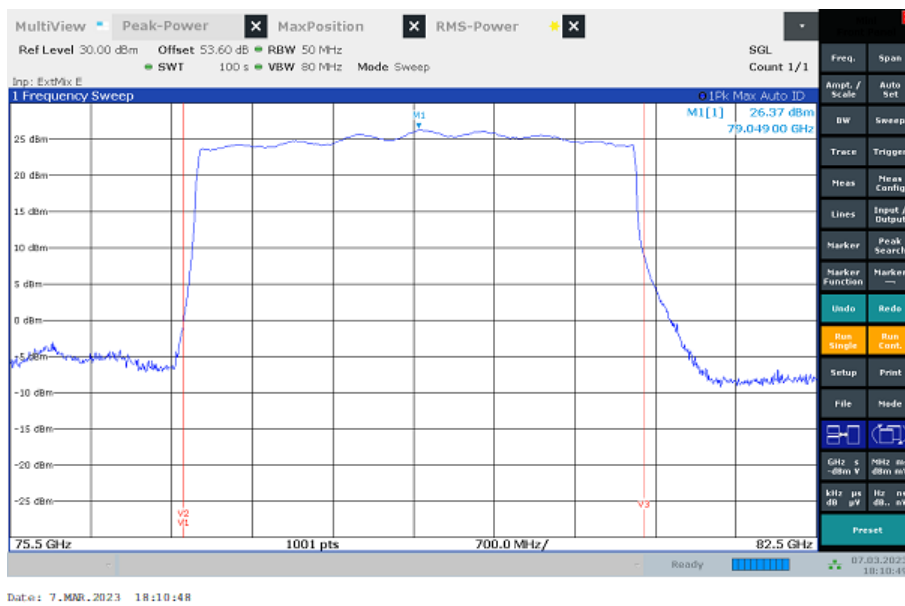
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	26.37	dBm	PASS
Peak Power	---	---	433.510878	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	07.03.2023 18:34:54
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 Peak power
Add. Information	Cycle Time: 100ms Mode: Normal

Test Parameter

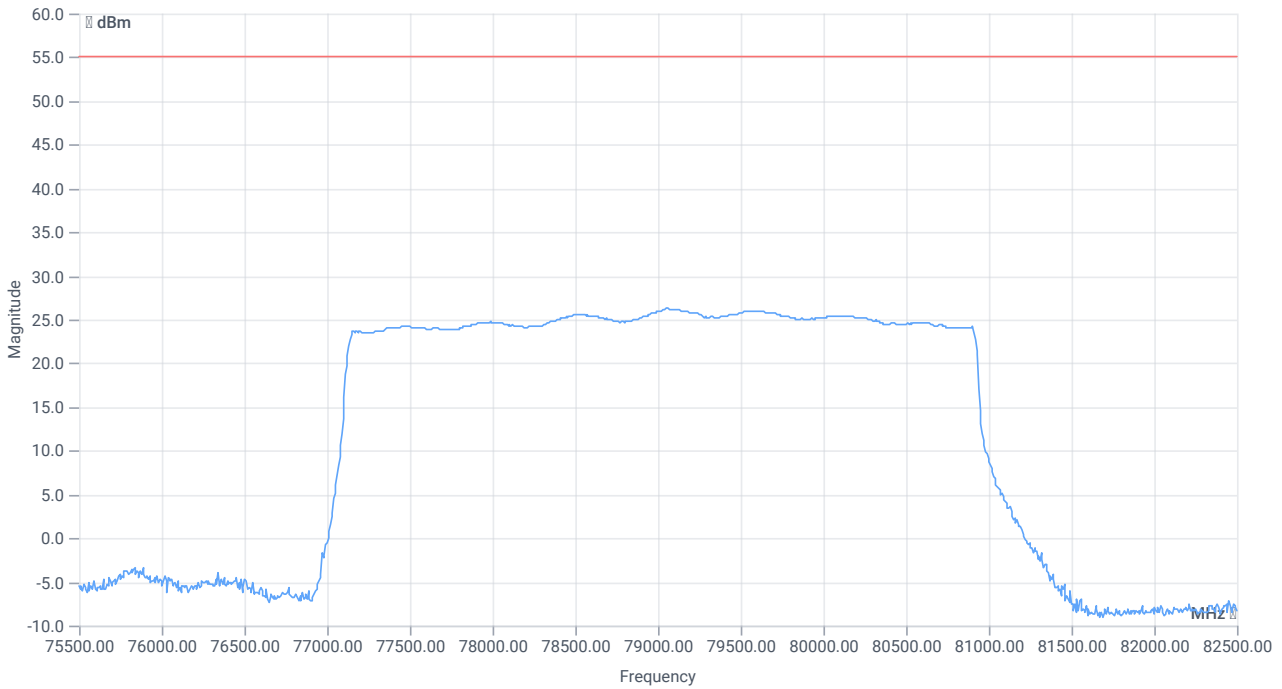
Switched Path	none
Temperature	nom
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Normal

Test Equipment

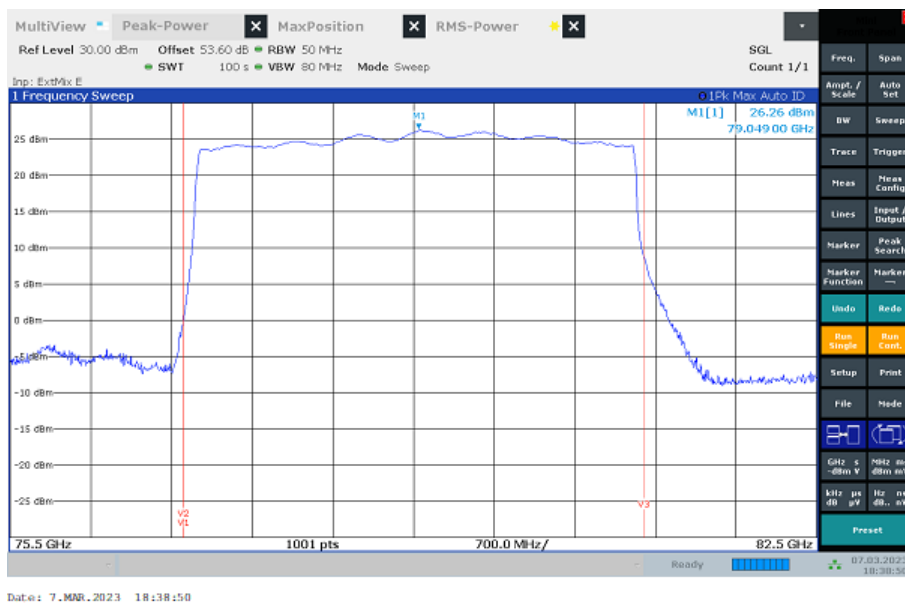
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	26.26	dBm	PASS
Peak Power	---	---	422.668614	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	07.03.2023 20:37:55
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 Peak power
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

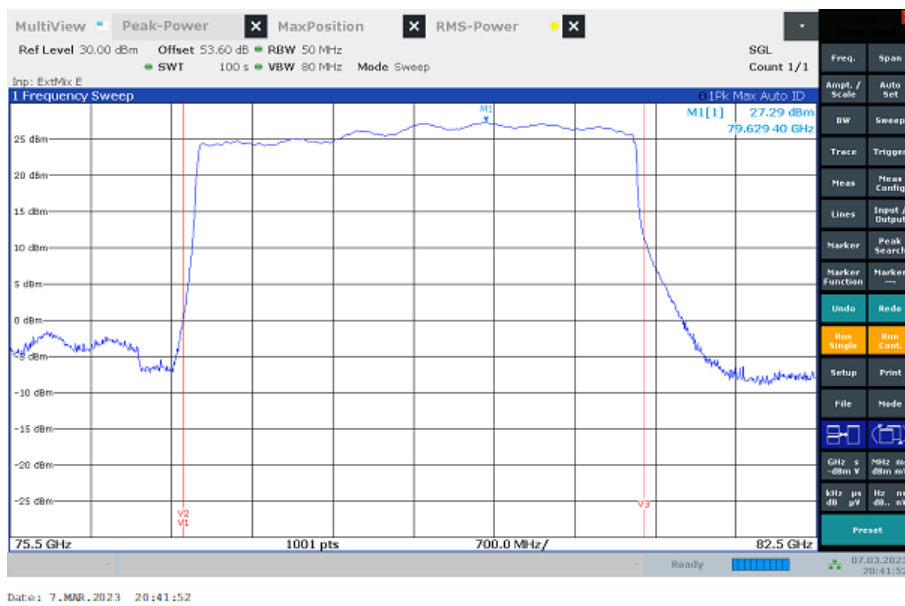
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	27.29	dBm	PASS
Peak Power	---	---	535.796658	mW	PASS
Frequency at Peak	---	---	79629.4	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	07.03.2023 21:05:58
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 Peak power
Add. Information	Cycle Time: 100ms Mode: Normal

Test Parameter

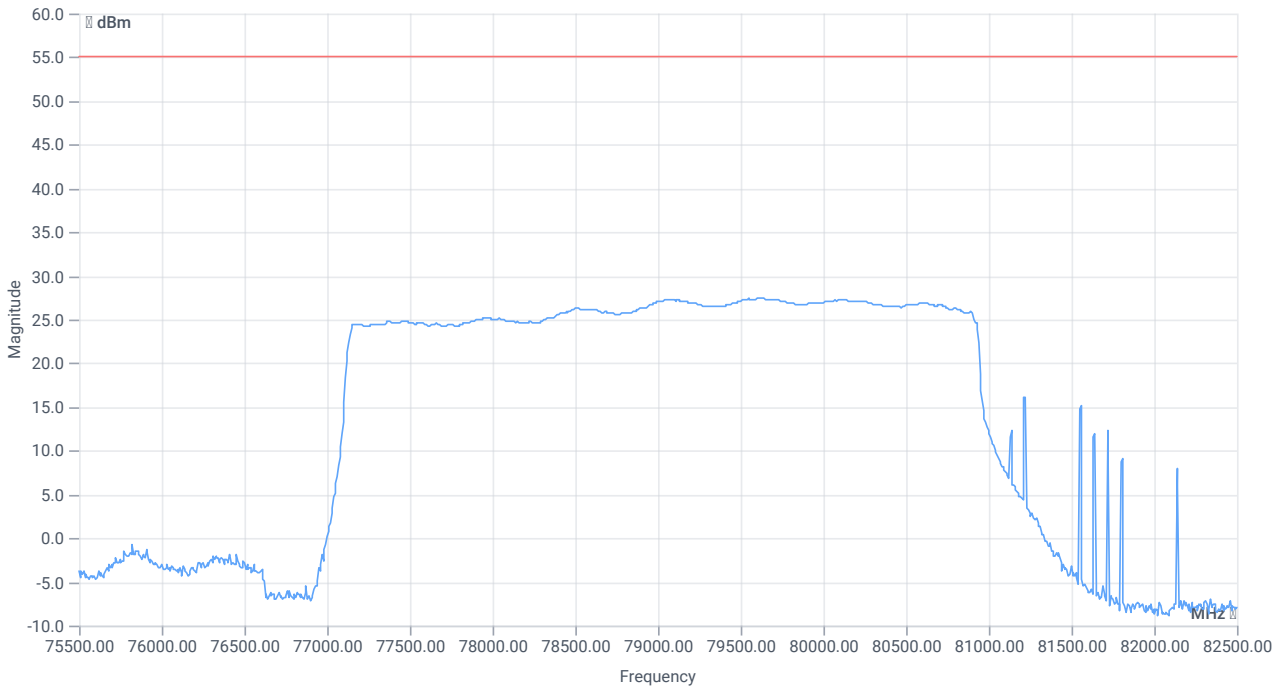
Switched Path	none
Temperature	min
Voltage	min
Additional Information	Cycle Time: 100ms Mode: Normal

Test Equipment

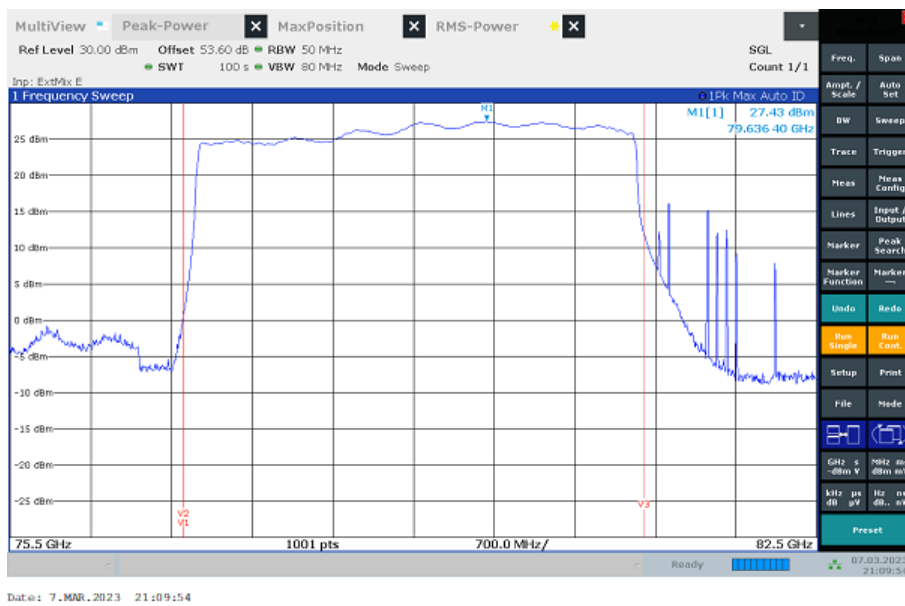
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	27.43	dBm	PASS
Peak Power	---	---	553.350109	mW	PASS
Frequency at Peak	---	---	79636.4	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	07.03.2023 21:34:01
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 Peak power
Add. Information	Cycle Time: 100ms Mode: Normal

Test Parameter

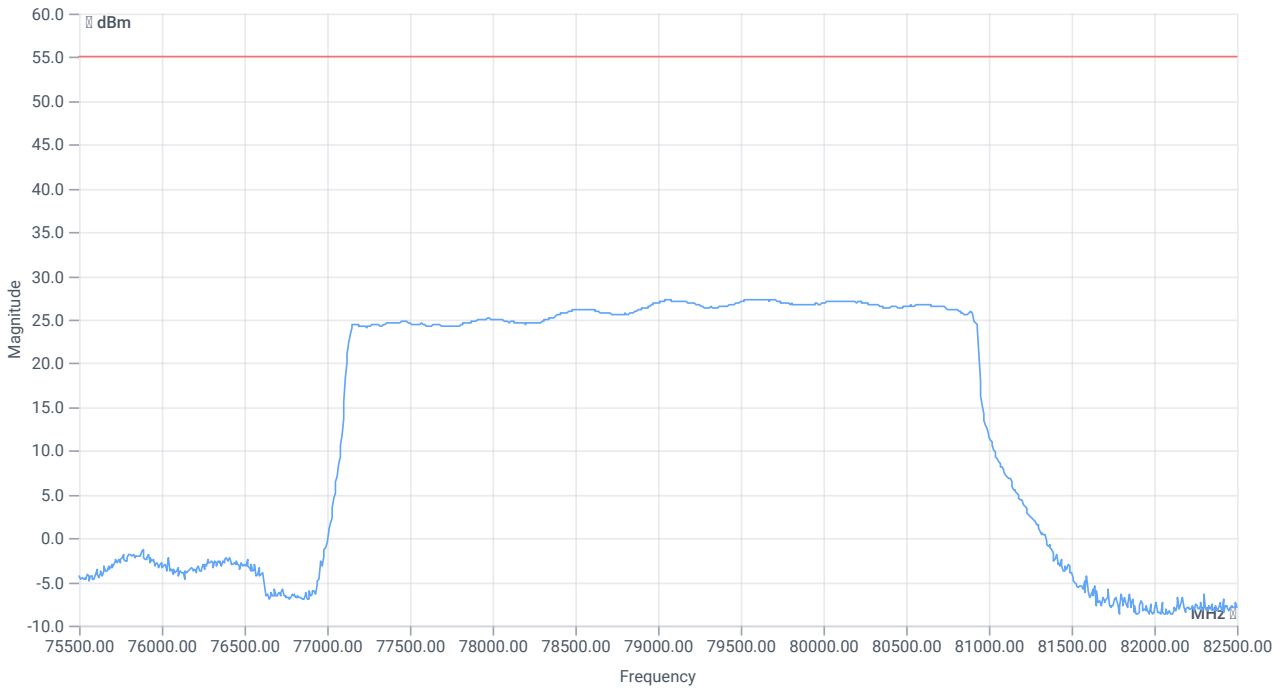
Switched Path	none
Temperature	min
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Normal

Test Equipment

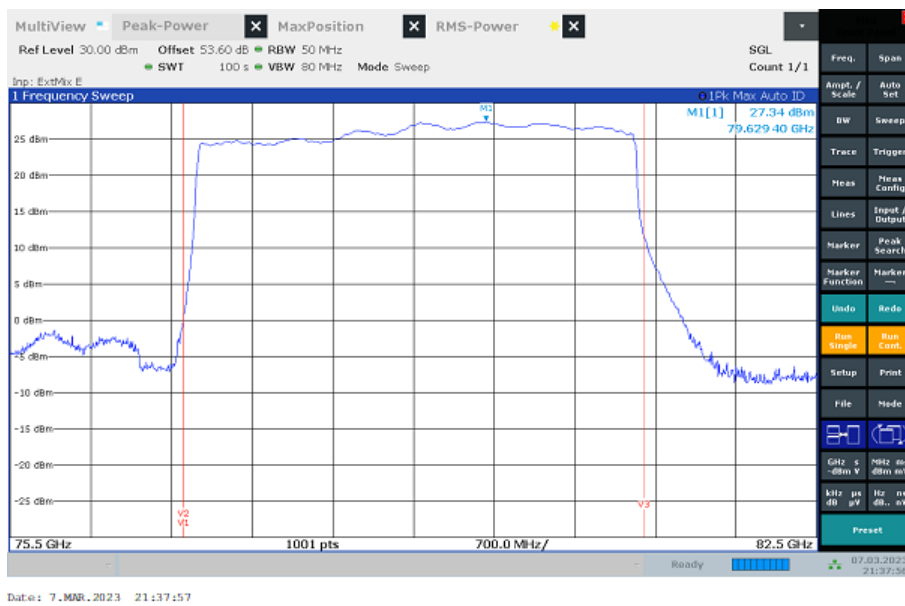
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	27.34	dBm	PASS
Peak Power	---	---	542.00089	mW	PASS
Frequency at Peak	---	---	79629.4	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	08.03.2023 09:56:00
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 Peak power
Add. Information	Cycle Time: 100ms Mode: Normal

Test Parameter

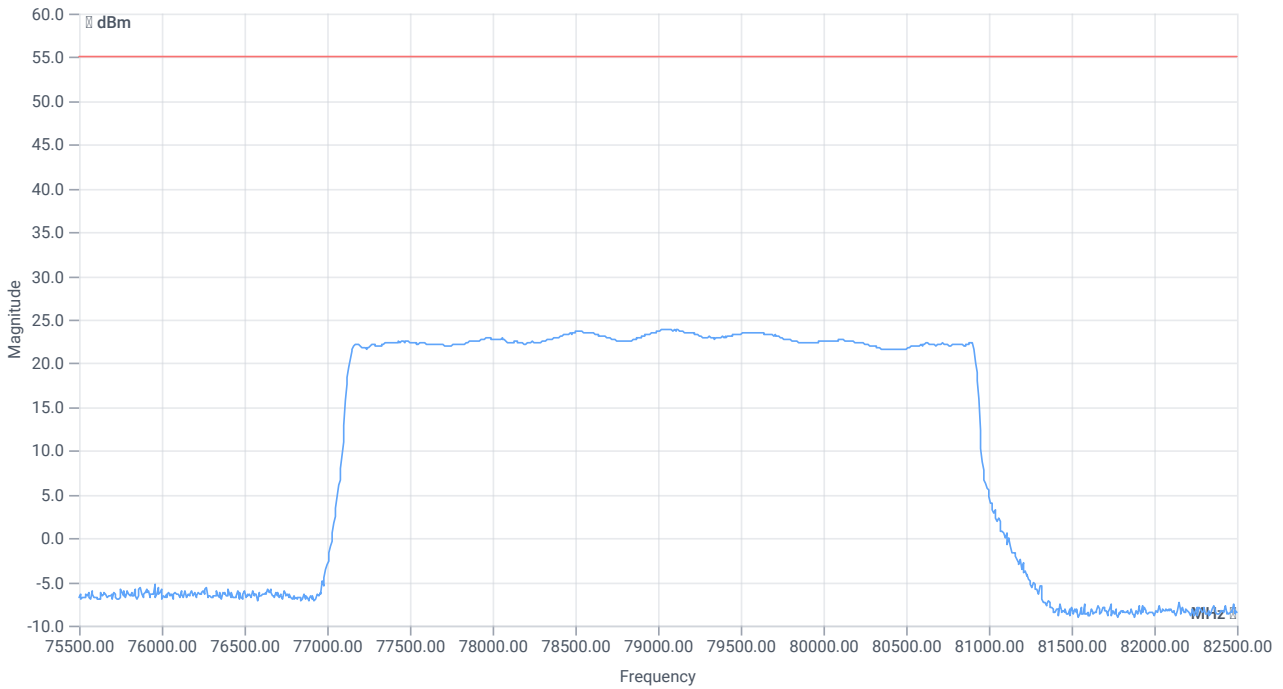
Switched Path	none
Temperature	max
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: Normal

Test Equipment

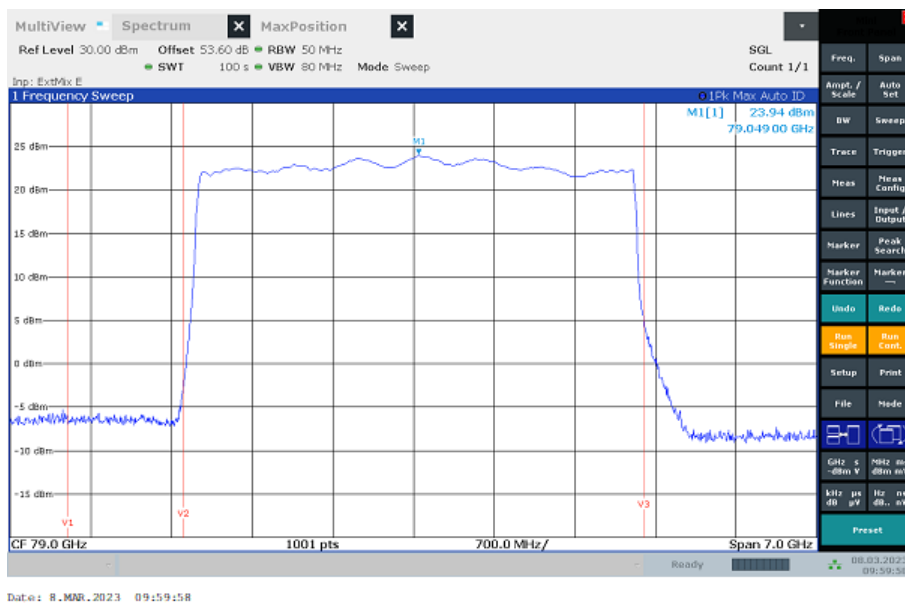
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	23.94	dBm	PASS
Peak Power	---	---	247.742206	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	08.03.2023 10:24:01
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 Peak power
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

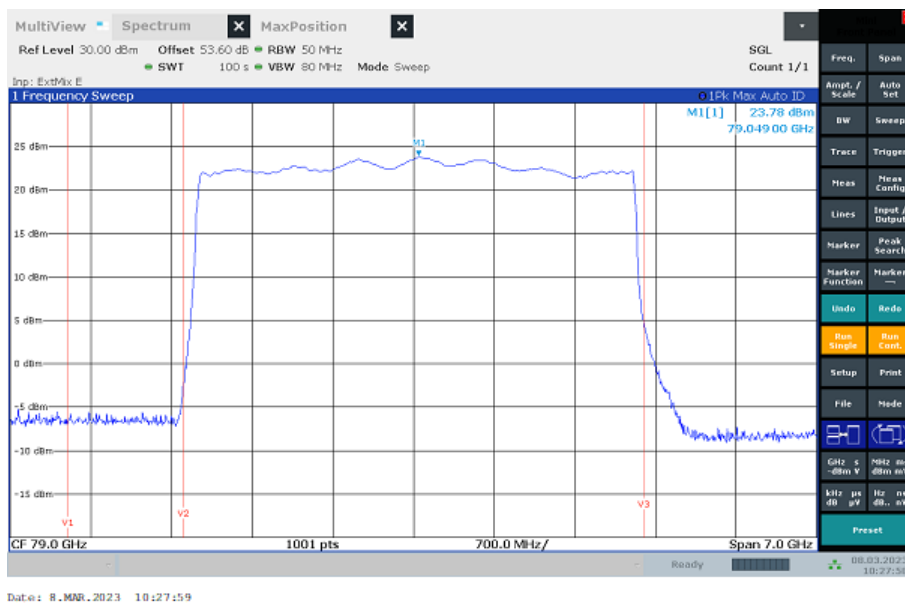
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	23.78	dBm	PASS
Peak Power	---	---	238.781128	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

Test References

TC Start	08.03.2023 10:52:02
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 Peak power
Add. Information	Cycle Time: 100ms Mode: Normal

Test Parameter

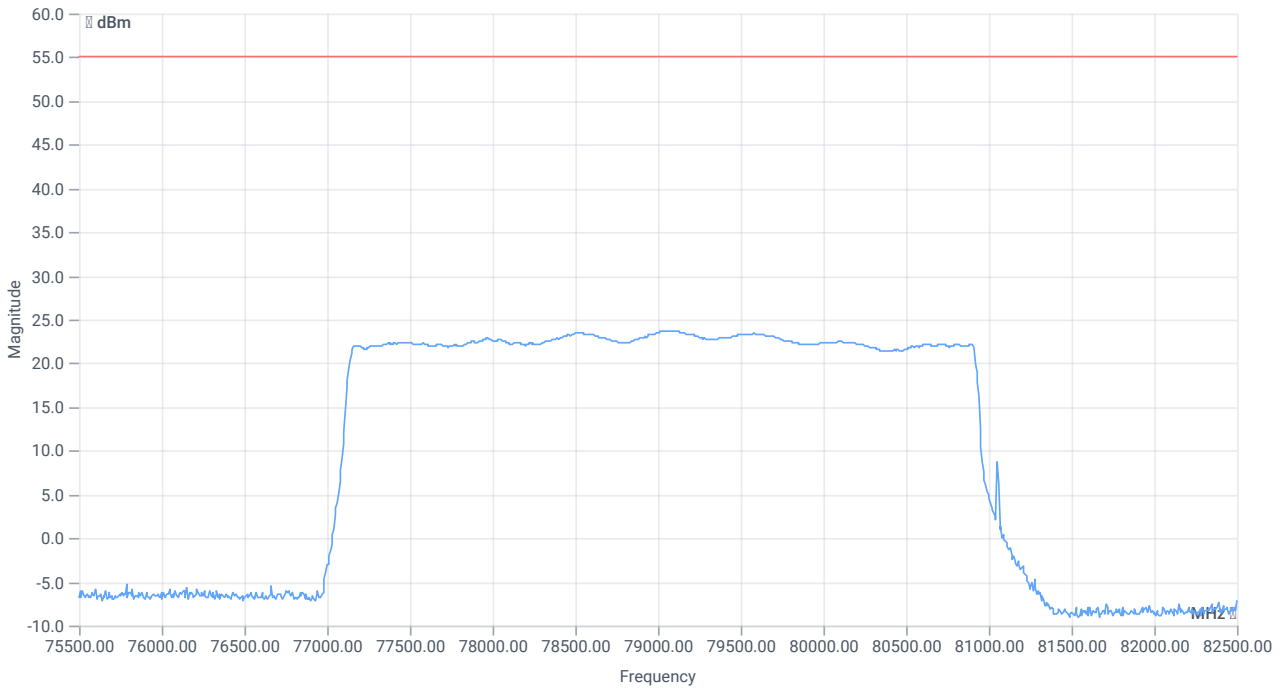
Switched Path	none
Temperature	max
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Normal

Test Equipment

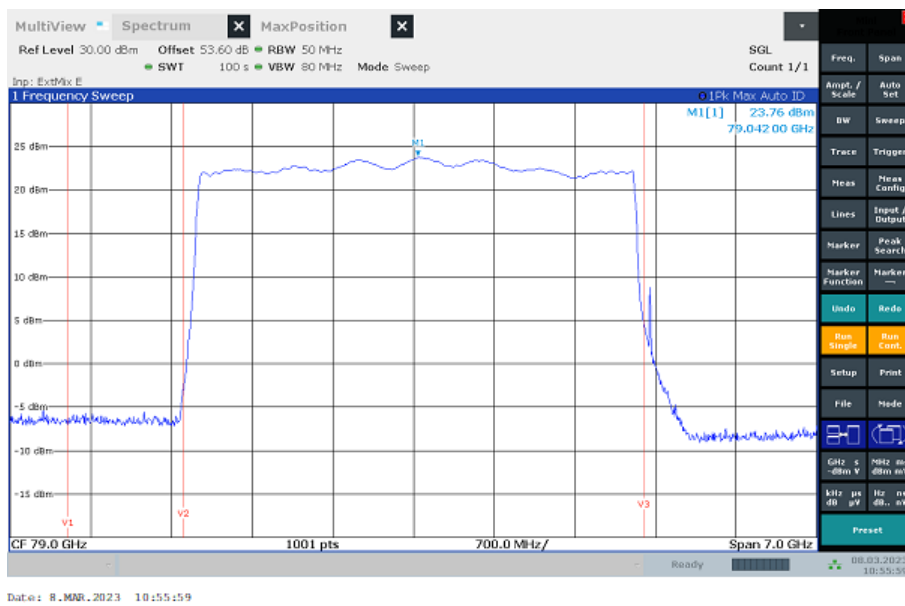
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Normal 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	23.76	dBm	PASS
Peak Power	---	---	237.684029	mW	PASS
Frequency at Peak	---	---	79042	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 13:25:06
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

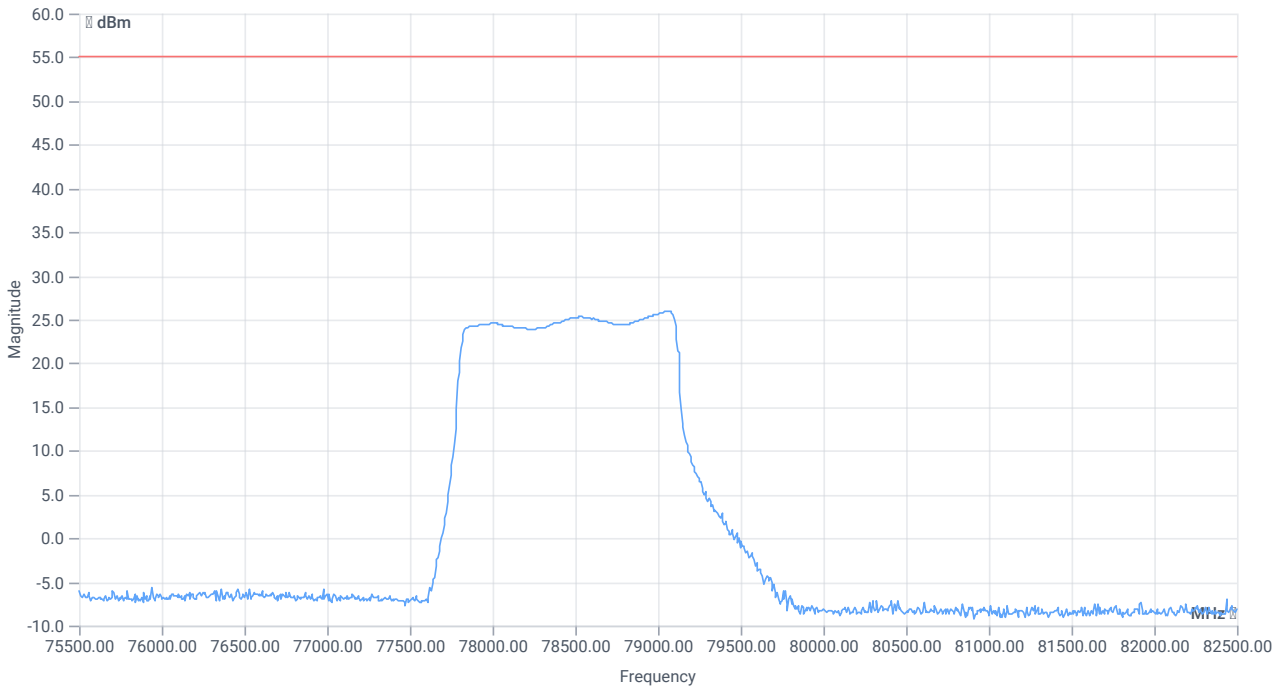
Switched Path	none
Temperature	nom
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

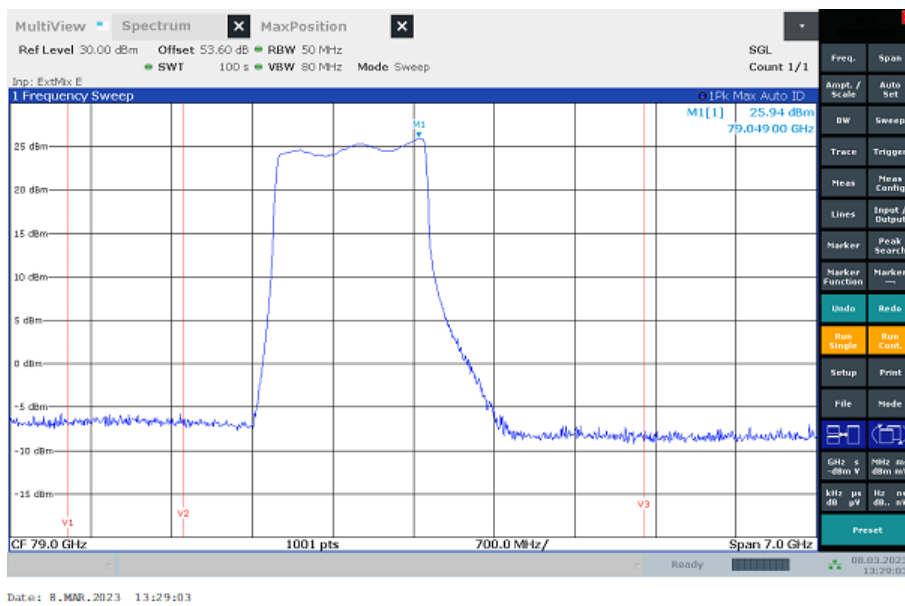
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	25.94	dBm	PASS
Peak Power	---	---	392.644935	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 13:53:07
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

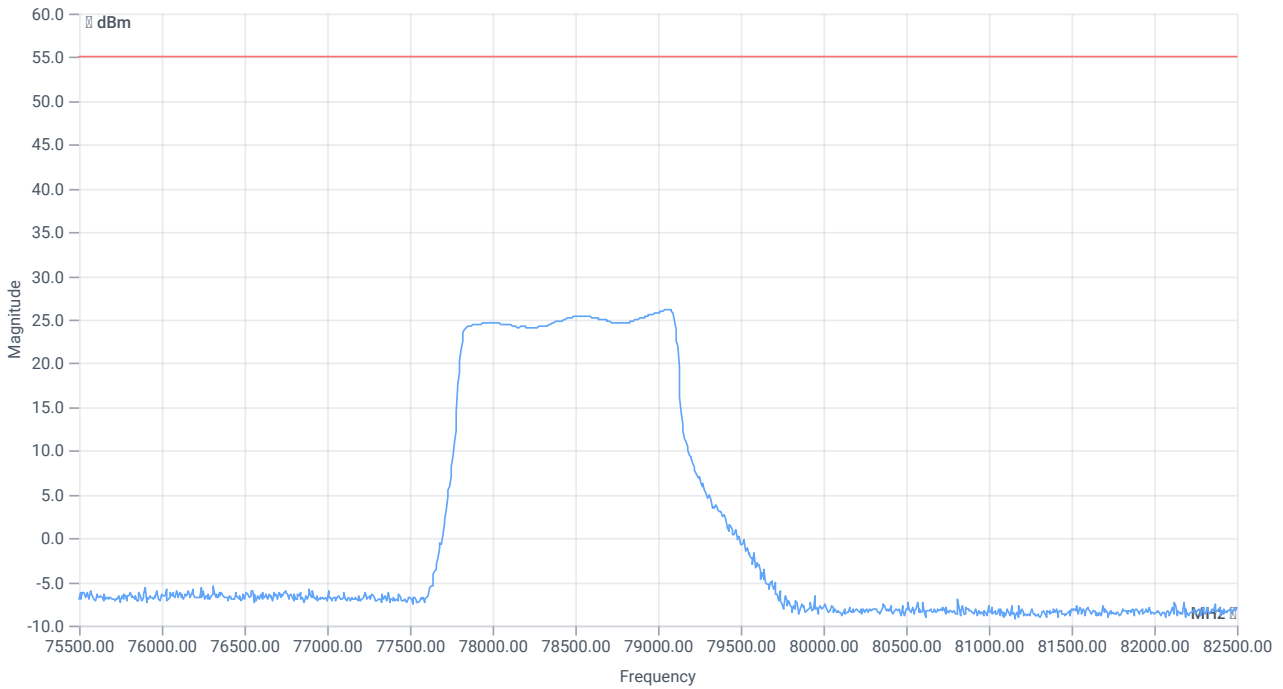
Switched Path	none
Temperature	nom
Voltage	min
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

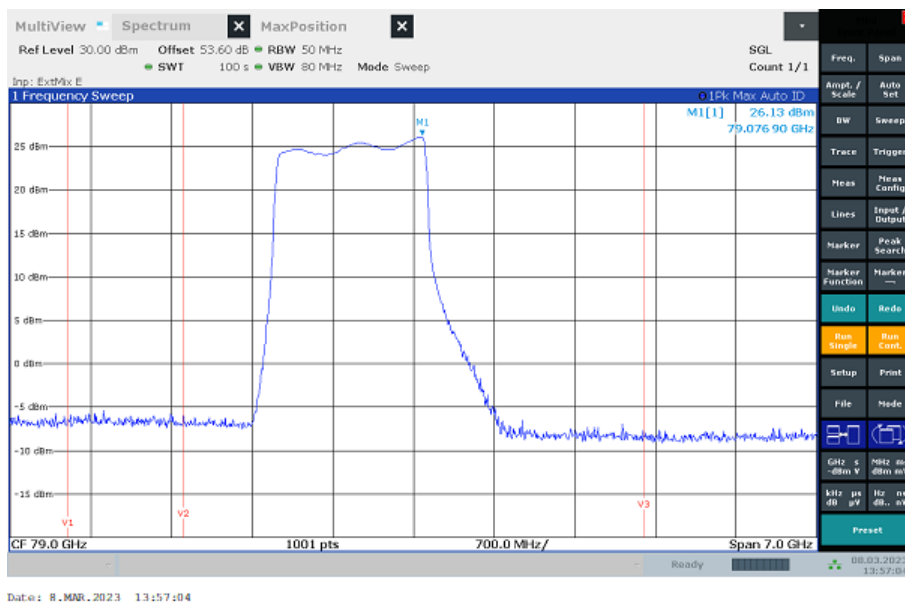
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	26.13	dBm	PASS
Peak Power	---	---	410.204103	mW	PASS
Frequency at Peak	---	---	79076.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 14:21:08
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

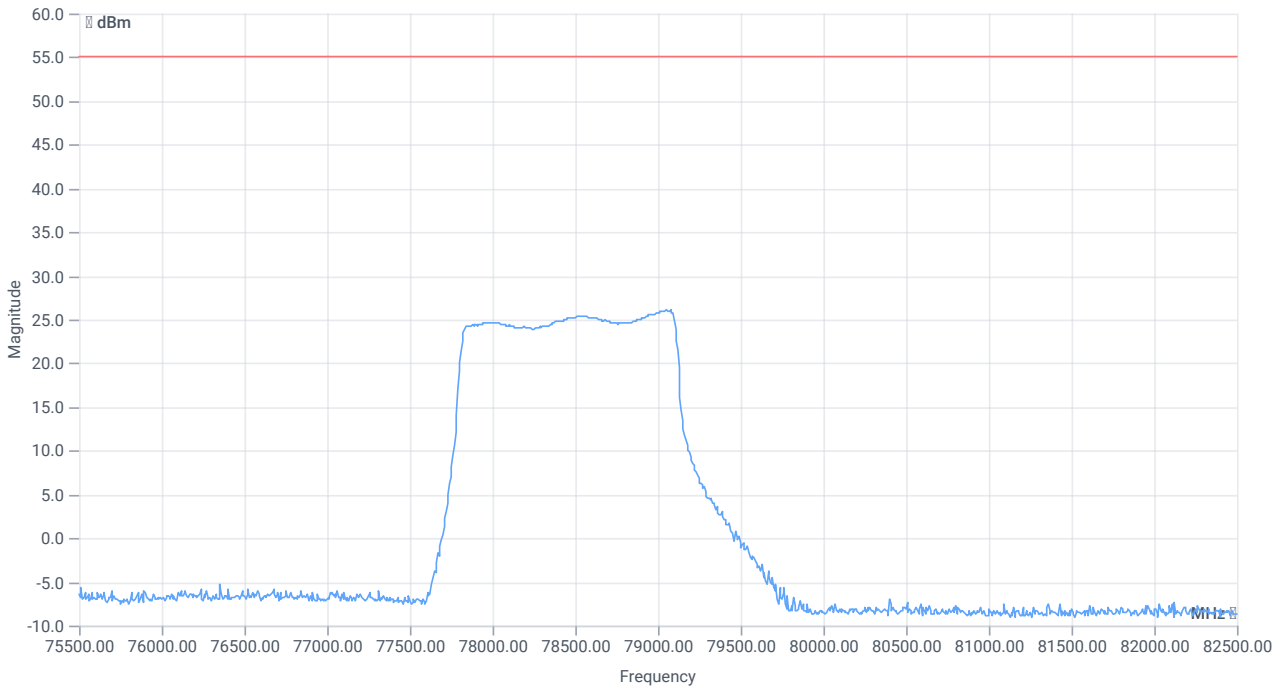
Switched Path	none
Temperature	nom
Voltage	max
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

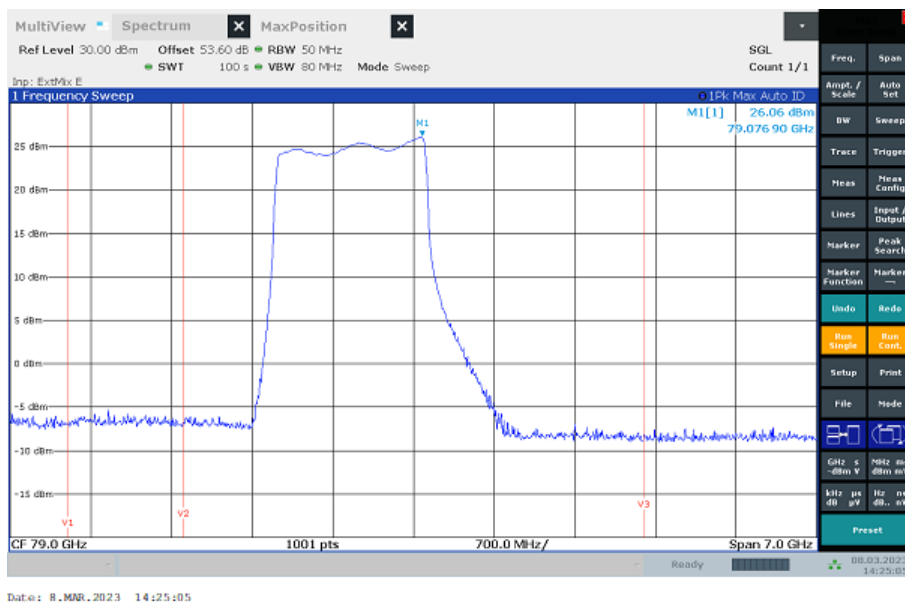
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	26.06	dBm	PASS
Peak Power	---	---	403.645393	mW	PASS
Frequency at Peak	---	---	79076.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 15:34:07
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

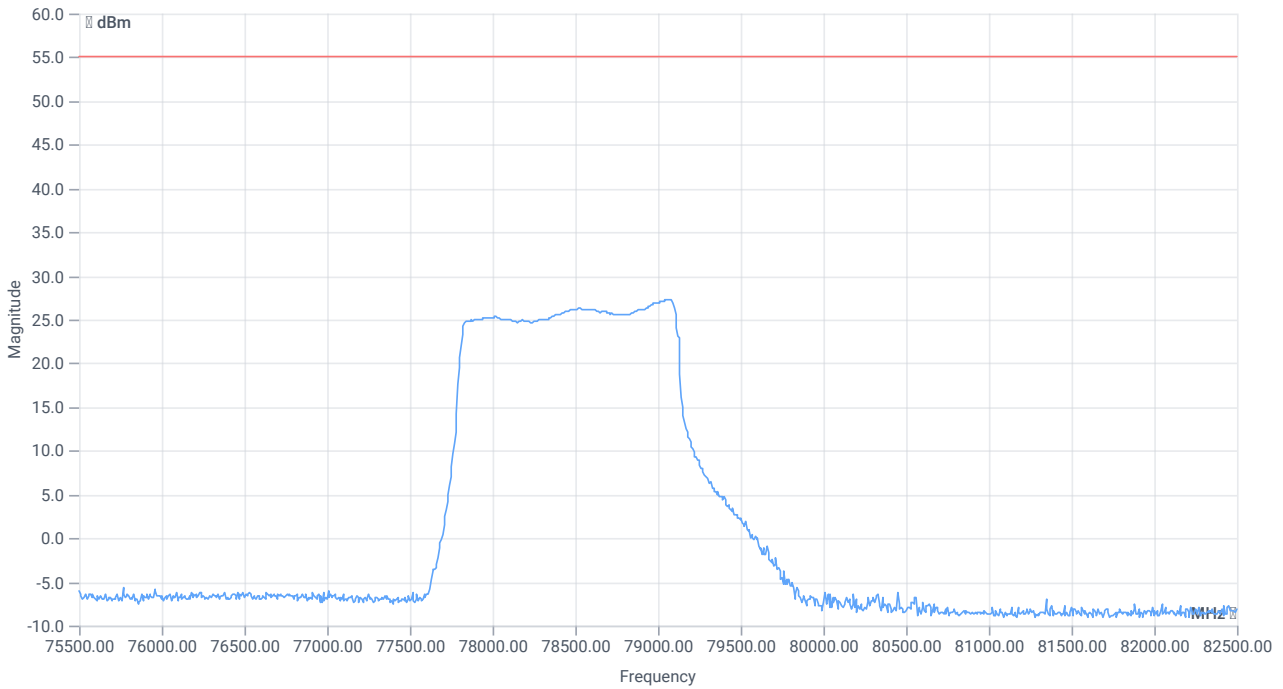
Switched Path	none
Temperature	min
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

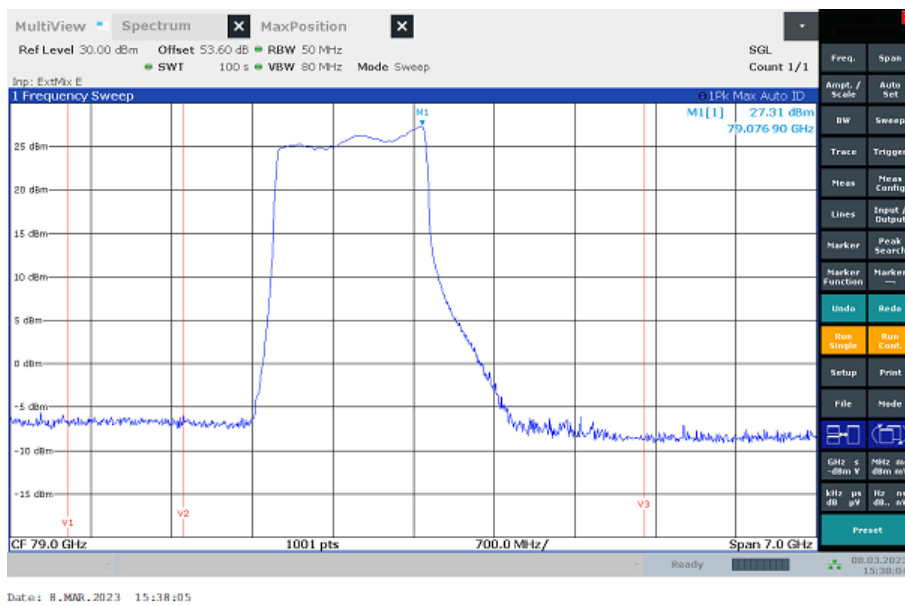
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	27.31	dBm	PASS
Peak Power	---	---	538.269783	mW	PASS
Frequency at Peak	---	---	79076.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 16:02:08
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

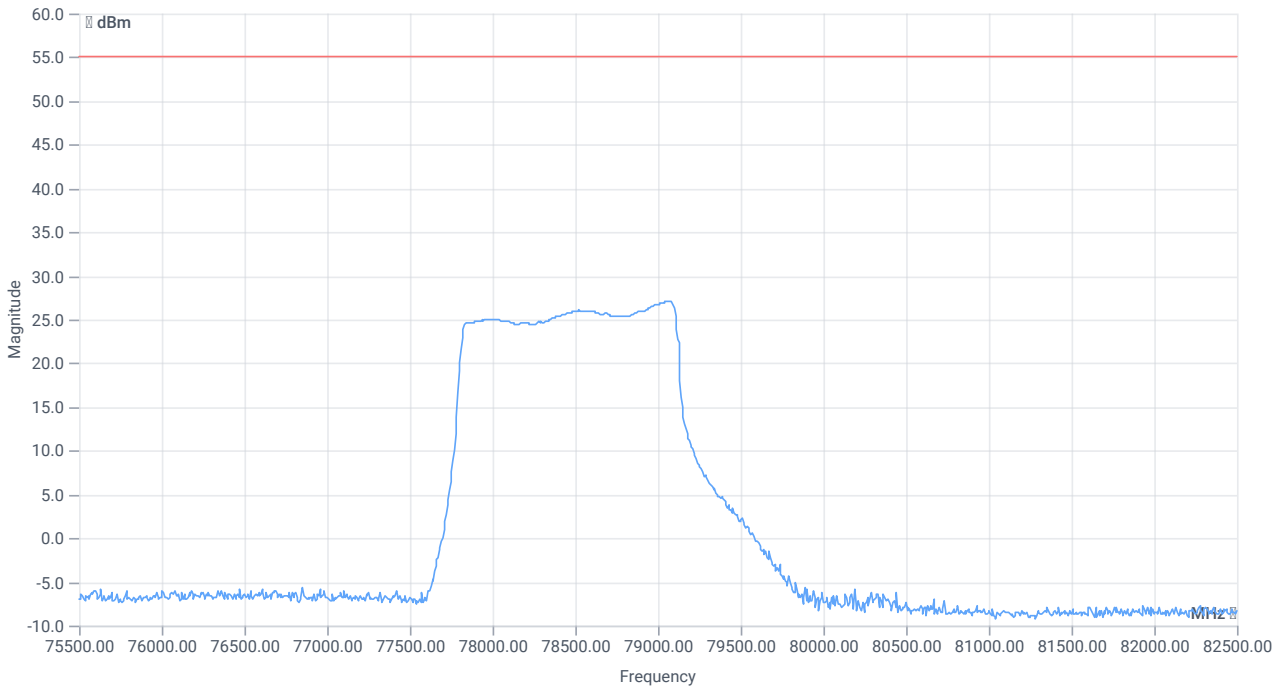
Switched Path	none
Temperature	min
Voltage	min
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

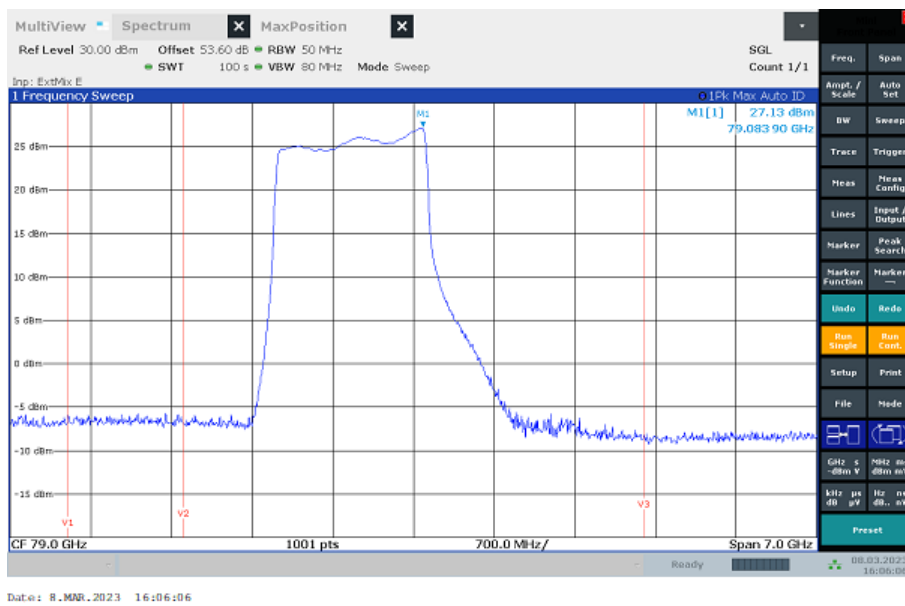
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	27.13	dBm	PASS
Peak Power	---	---	516.416369	mW	PASS
Frequency at Peak	---	---	79083.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 16:30:10
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

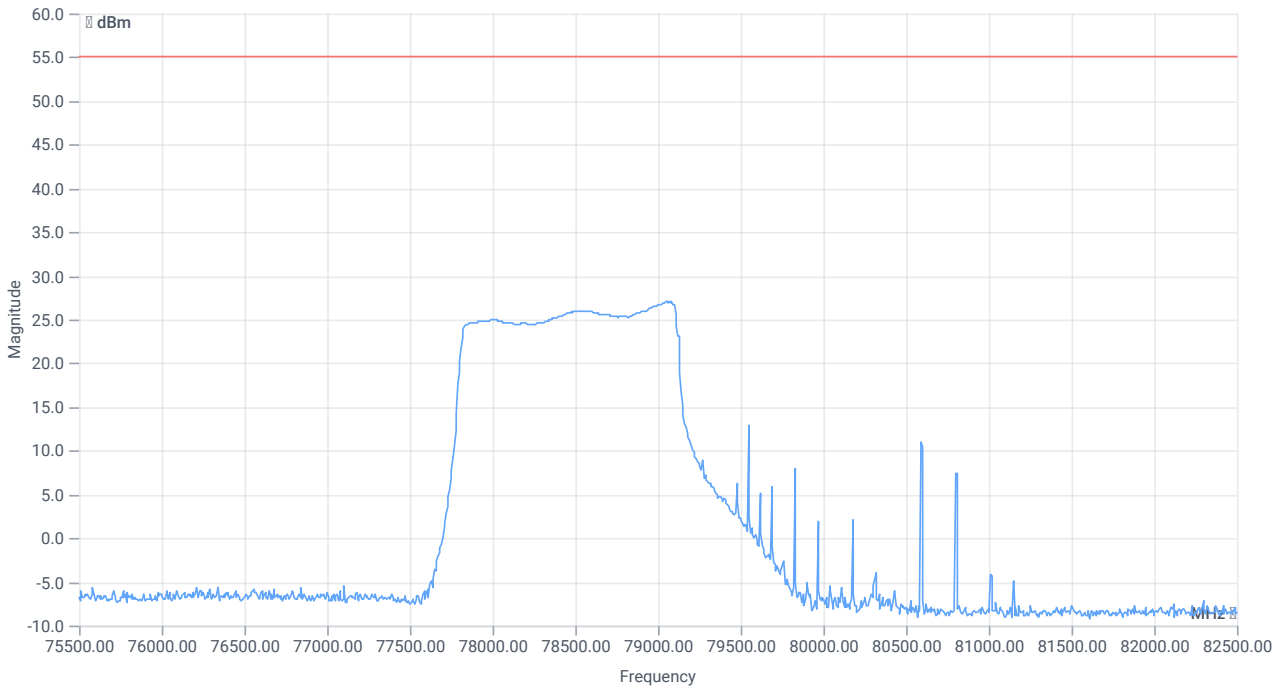
Switched Path	none
Temperature	min
Voltage	max
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

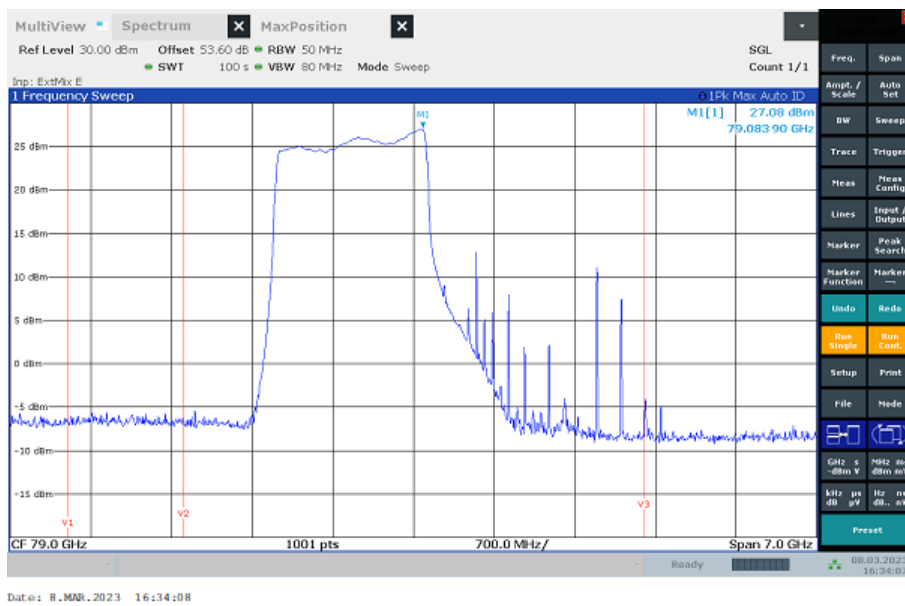
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	27.08	dBm	PASS
Peak Power	---	---	510.505	mW	PASS
Frequency at Peak	---	---	79083.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 17:30:08
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

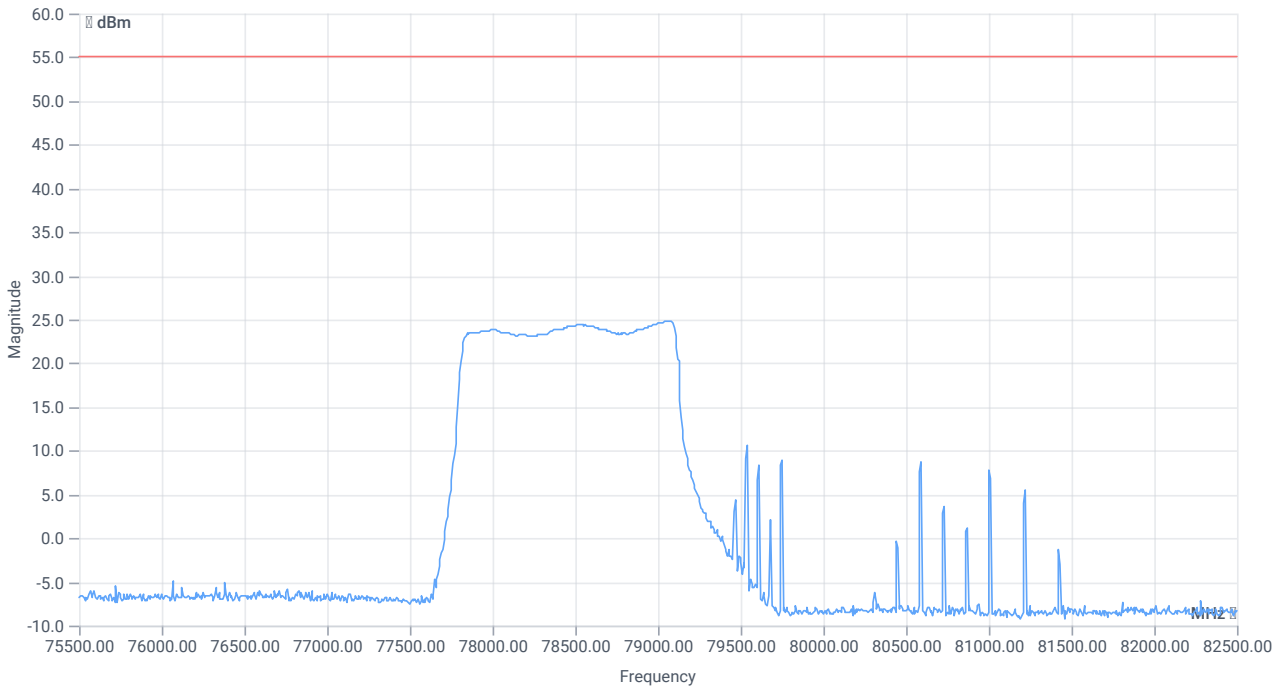
Switched Path	none
Temperature	max
Voltage	nom
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

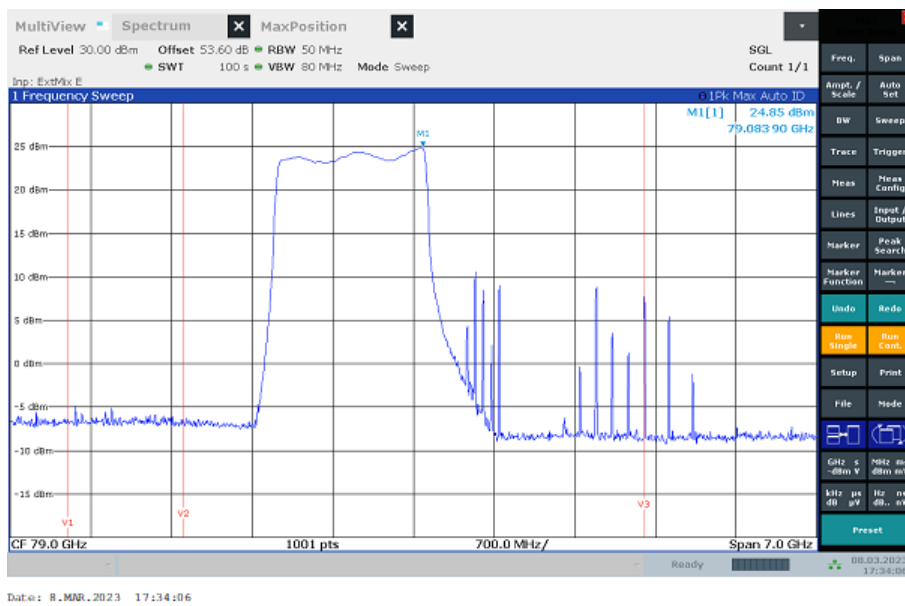
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	24.85	dBm	PASS
Peak Power	---	---	305.492111	mW	PASS
Frequency at Peak	---	---	79083.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 17:58:11
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

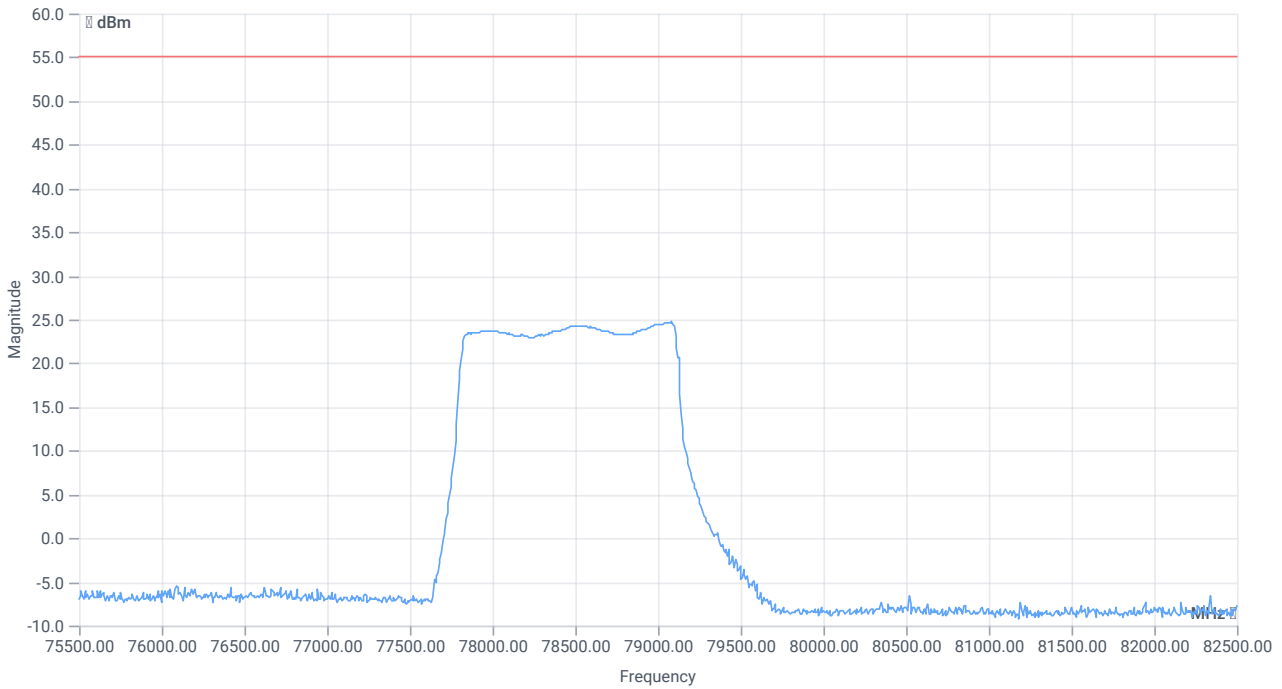
Switched Path	none
Temperature	max
Voltage	min
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

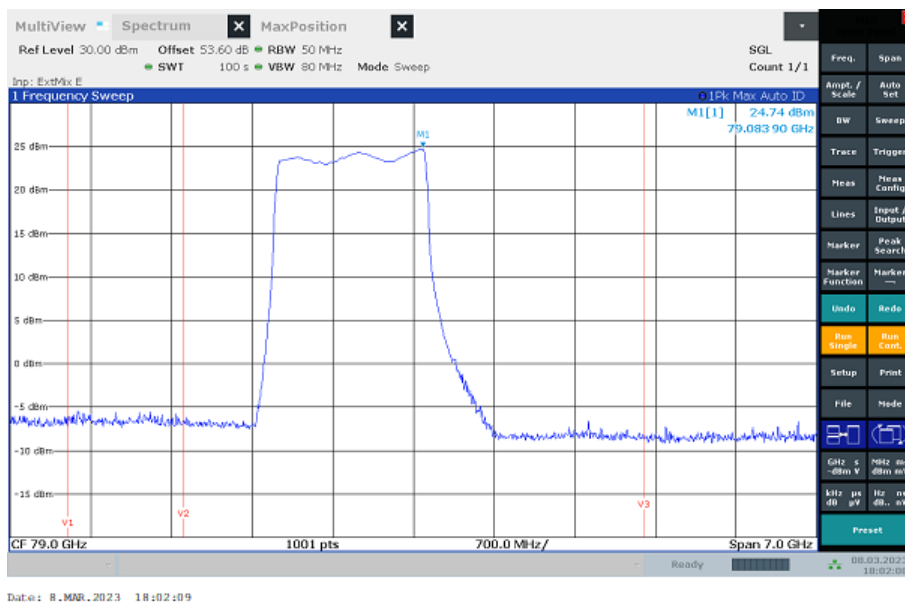
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	24.74	dBm	PASS
Peak Power	---	---	297.851643	mW	PASS
Frequency at Peak	---	---	79083.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

Test References

TC Start	08.03.2023 18:26:13
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 Peak power
Add. Information	Cycle Time: 100ms Mode: High

Test Parameter

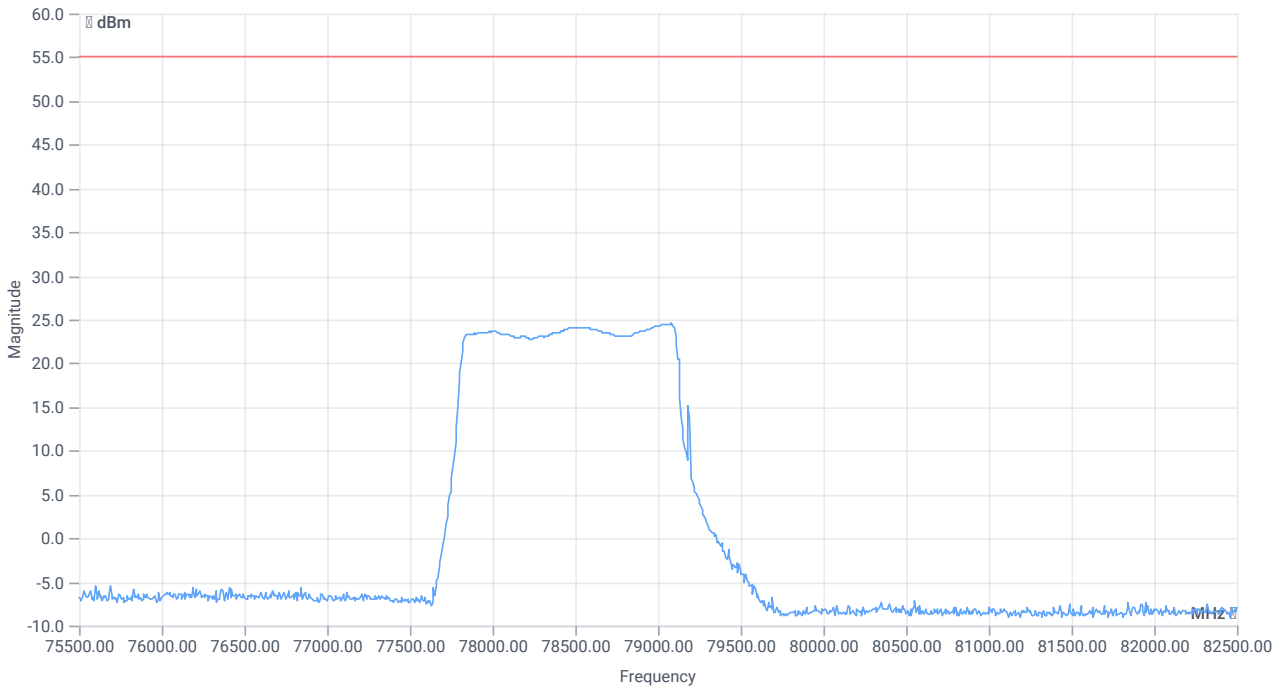
Switched Path	none
Temperature	max
Voltage	max
Additional Information	Cycle Time: 100ms Mode: High

Test Equipment

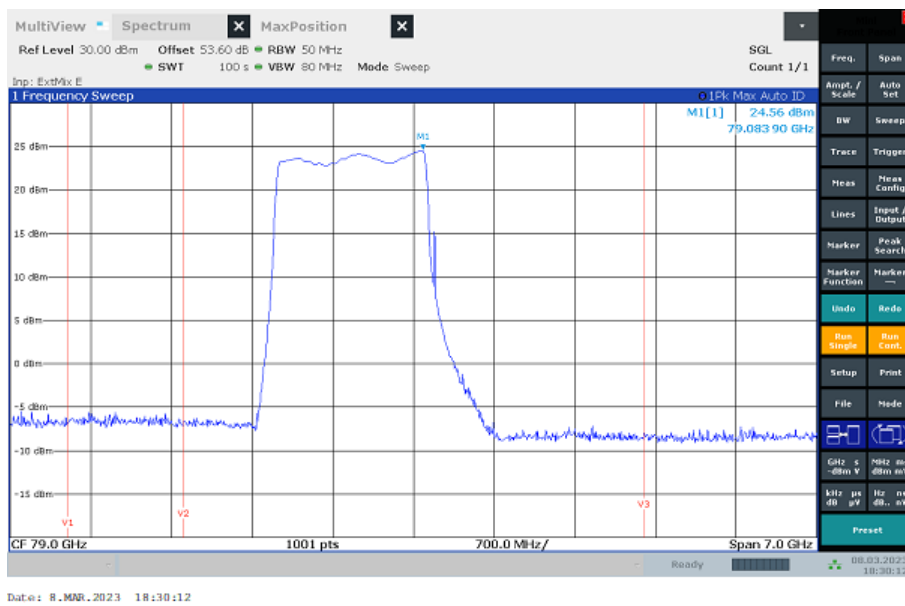
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: High 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	24.56	dBm	PASS
Peak Power	---	---	285.759054	mW	PASS
Frequency at Peak	---	---	79083.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 09:33:24
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 Peak power
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

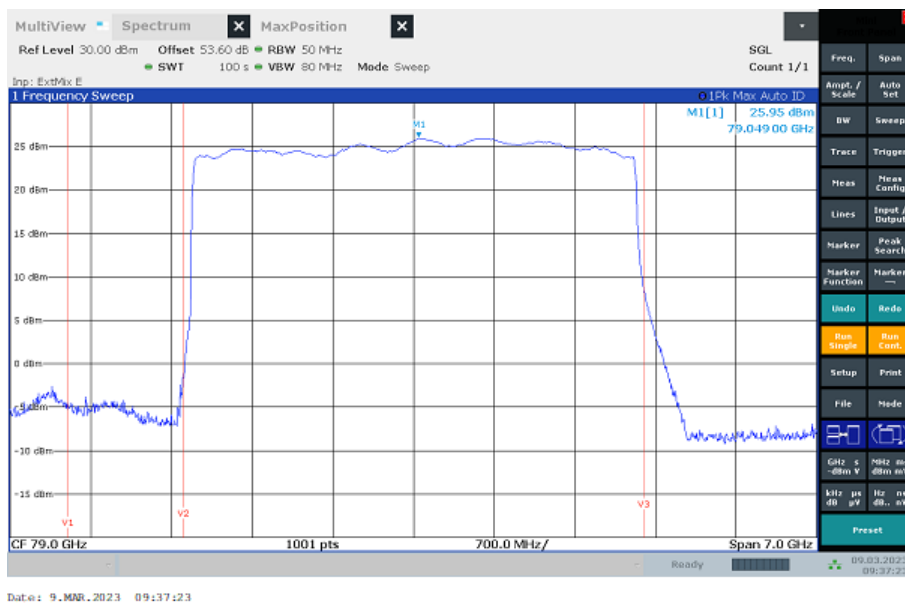
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	25.95	dBm	PASS
Peak Power	---	---	393.550075	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 10:01:24
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 Peak power
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

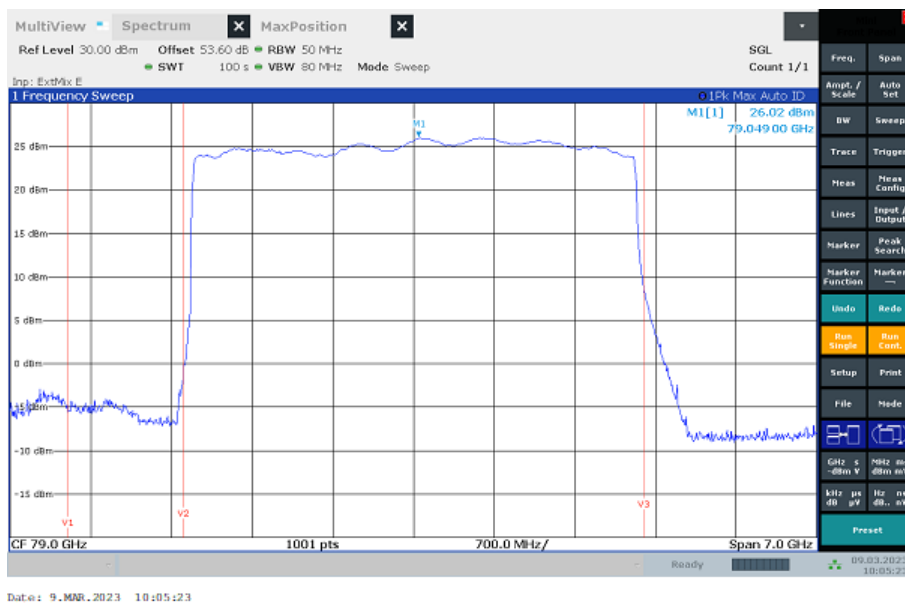
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	26.02	dBm	PASS
Peak Power	---	---	399.94475	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 10:29:25
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 Peak power
Add. Information	Cycle Time: 100ms Mode: Fast

Test Parameter

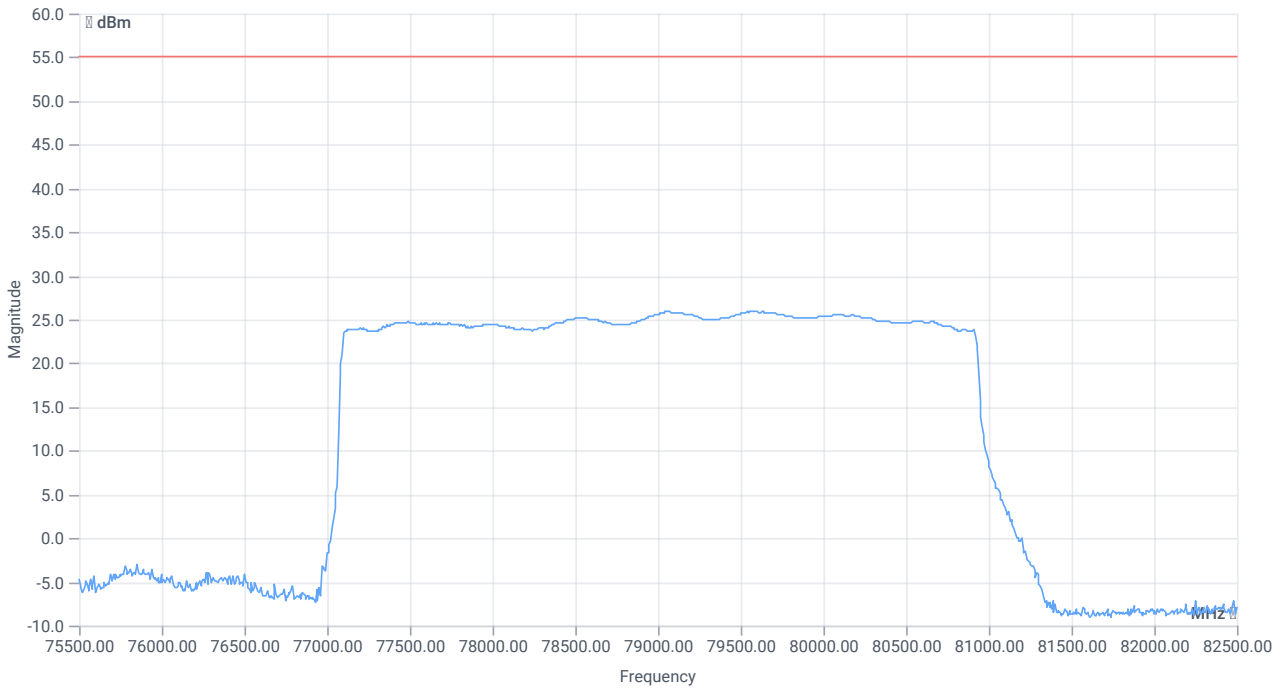
Switched Path	none
Temperature	nom
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Fast

Test Equipment

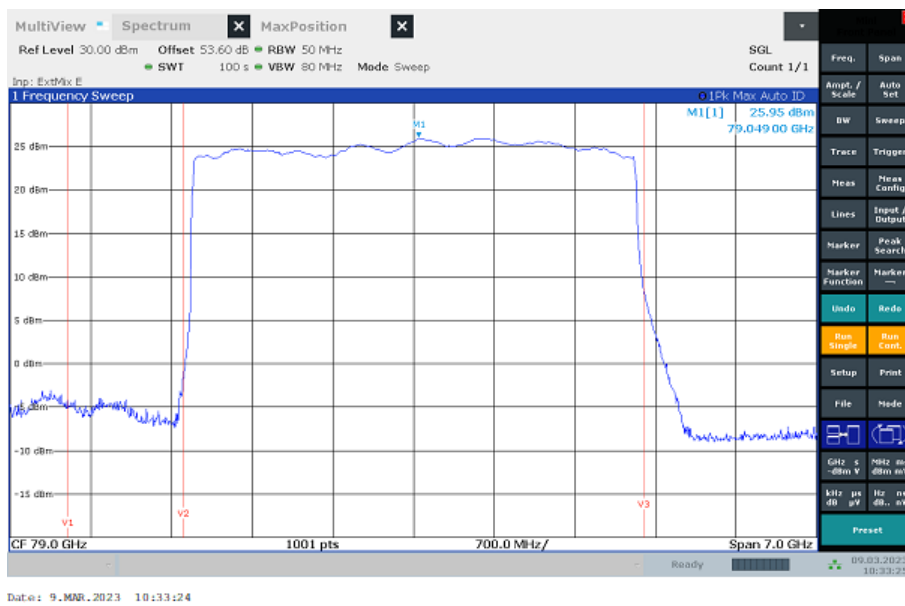
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	25.95	dBm	PASS
Peak Power	---	---	393.550075	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 11:44:31
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 Peak power
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]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 12:12:33
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 Peak power
Add. Information	Cycle Time: 100ms Mode: Fast

Test Parameter

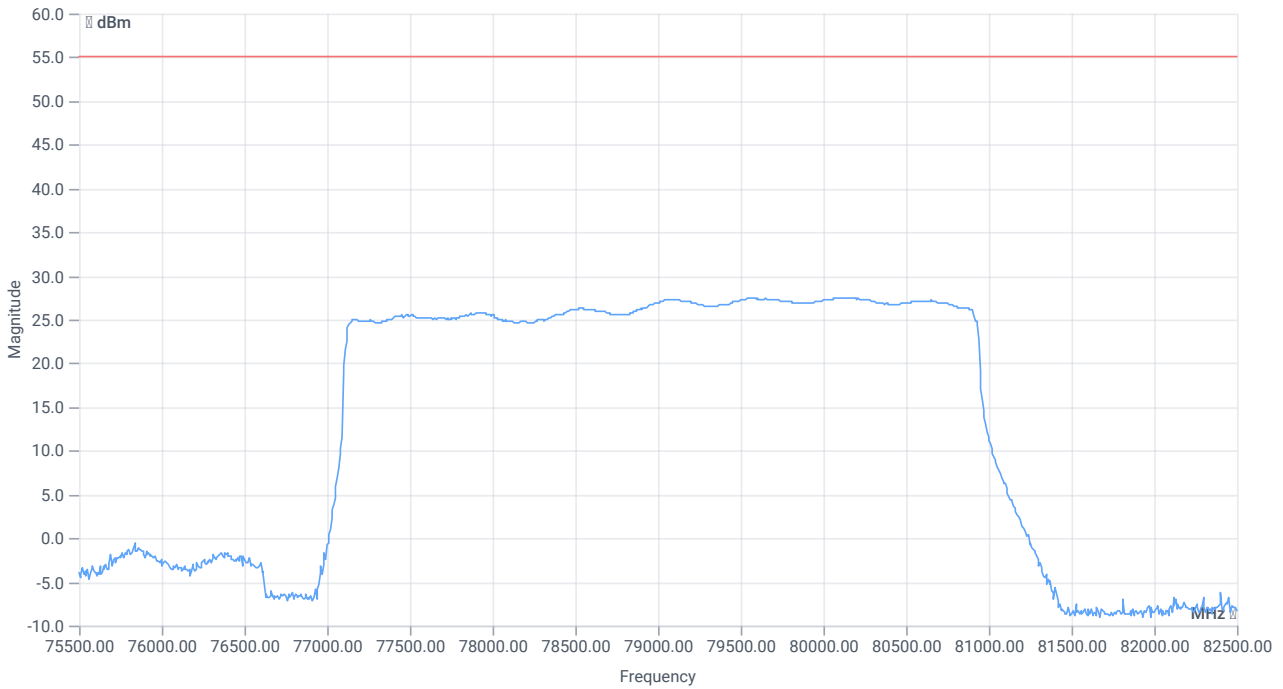
Switched Path	none
Temperature	min
Voltage	min
Additional Information	Cycle Time: 100ms Mode: Fast

Test Equipment

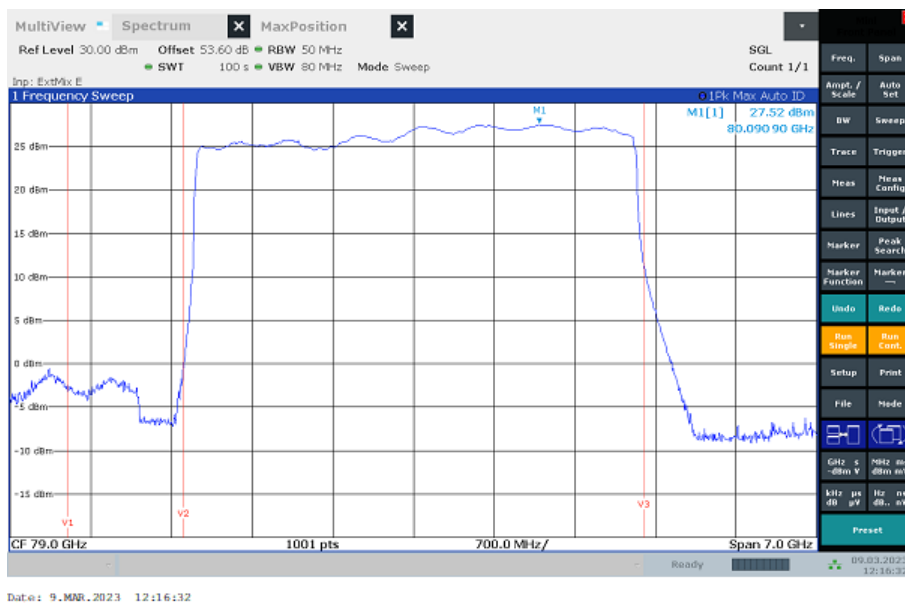
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	27.52	dBm	PASS
Peak Power	---	---	564.936975	mW	PASS
Frequency at Peak	---	---	80090.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 12:40:34
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 Peak power
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]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 13:41:39
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 Peak power
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

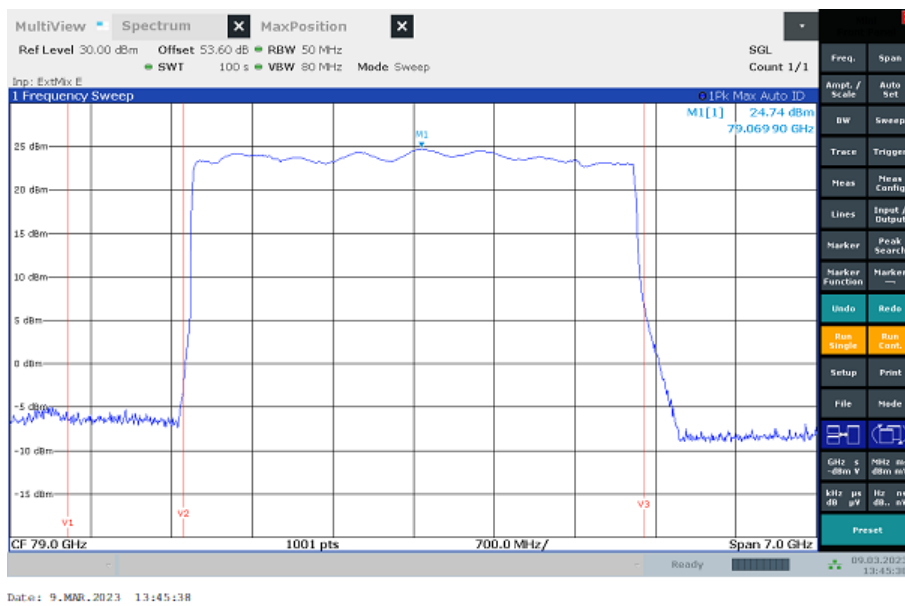
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	24.74	dBm	PASS
Peak Power	---	---	297.851643	mW	PASS
Frequency at Peak	---	---	79069.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 14:09:41
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 Peak power
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

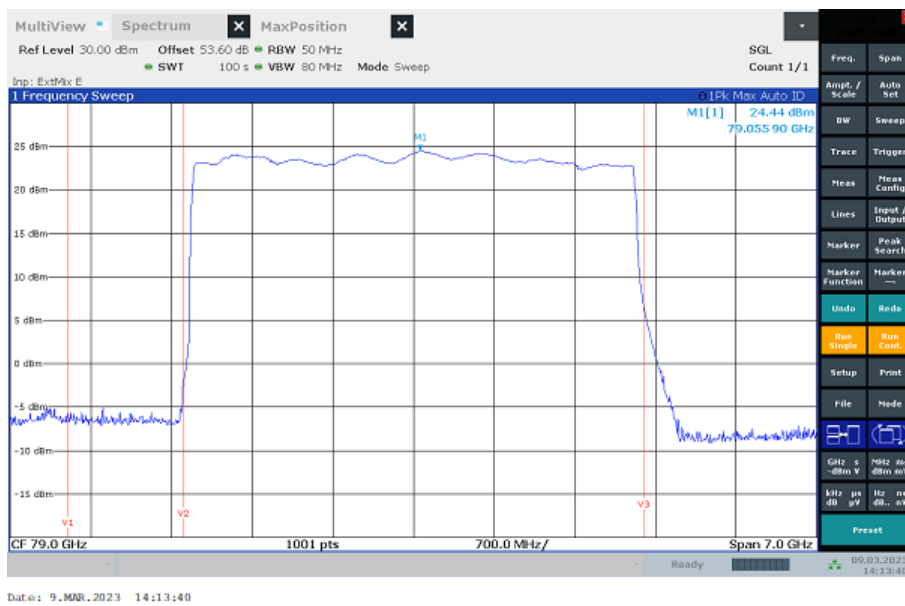
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	24.44	dBm	PASS
Peak Power	---	---	277.971327	mW	PASS
Frequency at Peak	---	---	79055.9	MHz	INFO

Verdict

PASS

Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

Test References

TC Start	09.03.2023 14:37:43
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 Peak power
Add. Information	Cycle Time: 100ms Mode: Fast

Test Parameter

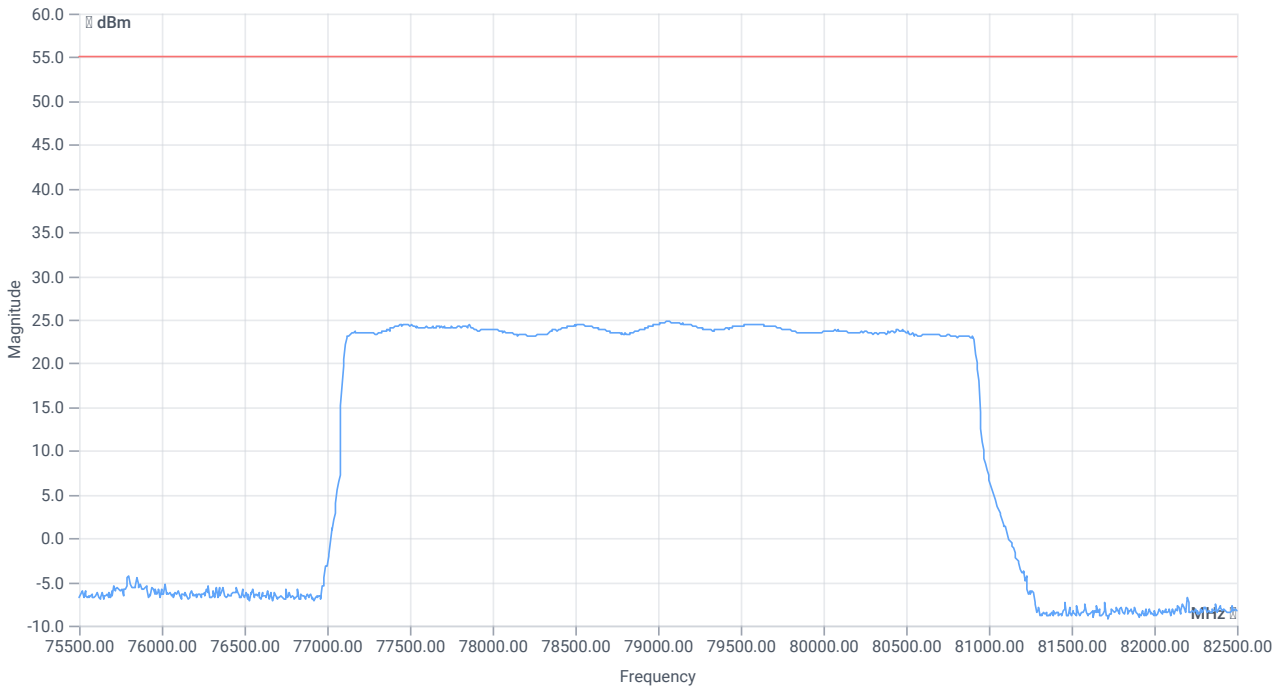
Switched Path	none
Temperature	max
Voltage	max
Additional Information	Cycle Time: 100ms Mode: Fast

Test Equipment

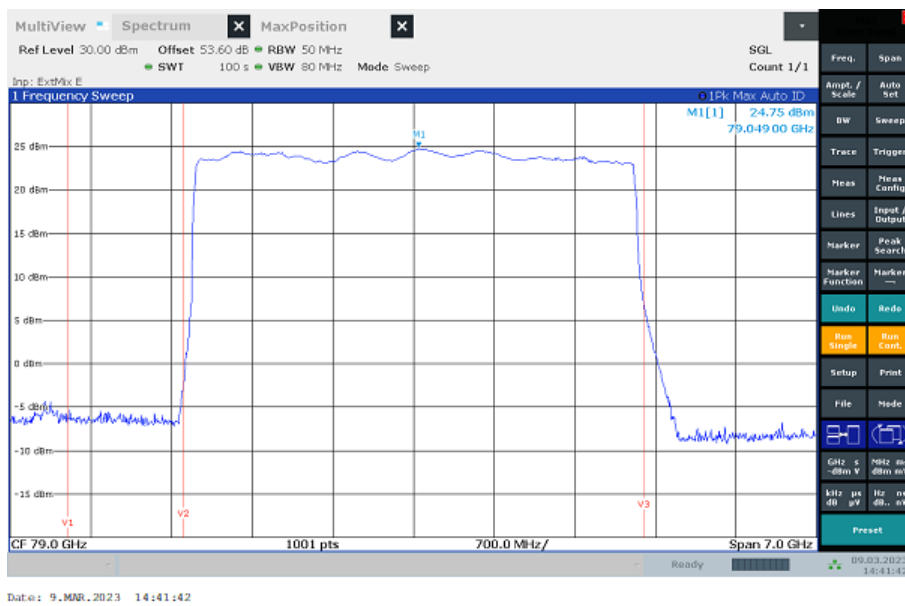
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,5.00SP3
Power supply,Agilent Technologies,N5767A,US26F7337F,A.05.06,REV:E
Climatic box,CTS T40/50,58566046820010,NI

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 53.6 0
Start [MHz] Stop [MHz]	75500.000 82500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	100000 1 1001 SWE



Peak output power



Systems EN # Peak Power ~ Mode: Fast 77000-81000 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	55	24.75	dBm	PASS
Peak Power	---	---	298.538262	mW	PASS
Frequency at Peak	---	---	79049	MHz	INFO

Verdict

PASS

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