

Radiated Peak Power (EIRP) - DUT24 - Tnom/Vnom - Modes 01, 02, 03, 04, 78

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Test Standard(s)

Systems FCC.ISED - NI

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Systems FCC.ISED # Peak Power ~ TID0047 Mode 01

References

TC start	13.10.2025 11:11:34
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.5.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Peak power
Information	

Equipment

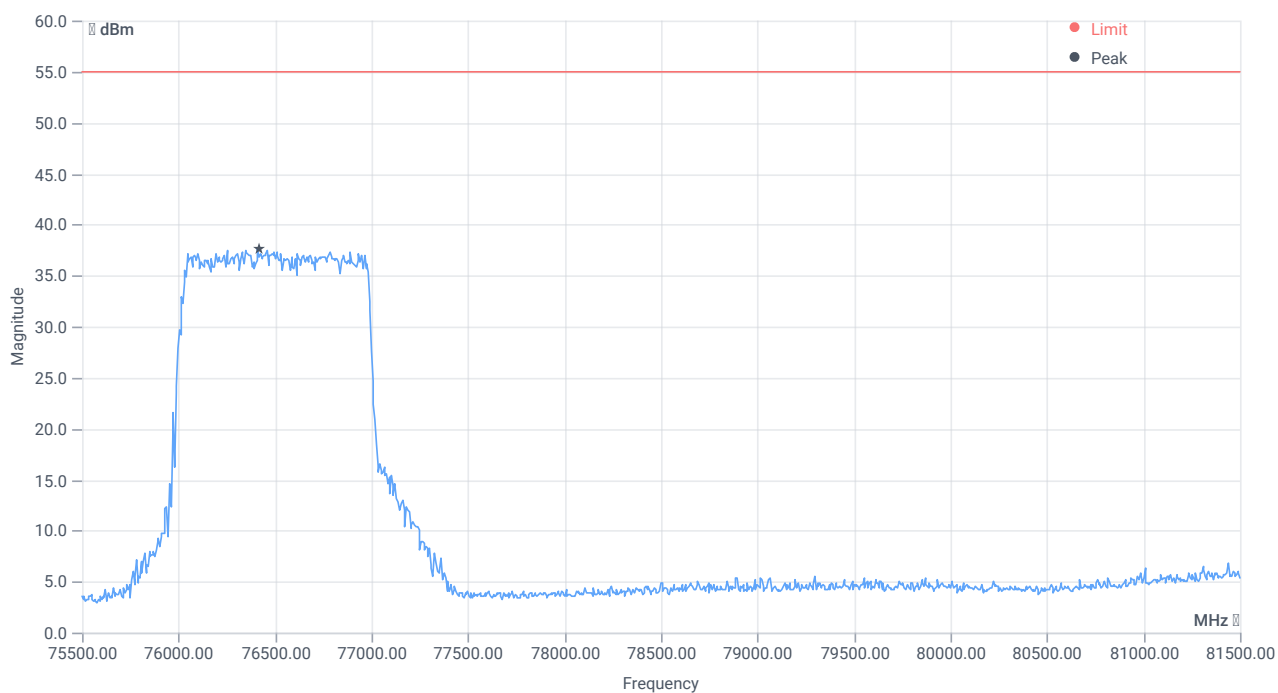
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.20
Power supply,ROHDE&SCHWARZ,HMP2020,121993,HW50010003/SW2.72
Climatic box,CTS,T-40/50,064023,LAN

Test Parameter

EUT port	1
Temperature	nom
Voltage	nom
Auto control enabled power supply Climatic Box	Yes Yes
Full path type	
Full path name	
Switch bits	

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	45.00 56.5 0
Start [MHz] Stop [MHz]	75500.000 81500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	200000 1 1001 SWE



Peak output power

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	55	37.66	dBm	PASS
Peak power	---		5834.451043	mW	PASS
Frequency at peak	---	---	76414.1	MHz	INFO

Verdict

PASS

Systems FCC.ISED # Peak Power ~ TID0053 Mode 02

References

TC start	13.10.2025 14:15:29
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.5.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Peak power
Information	

Equipment

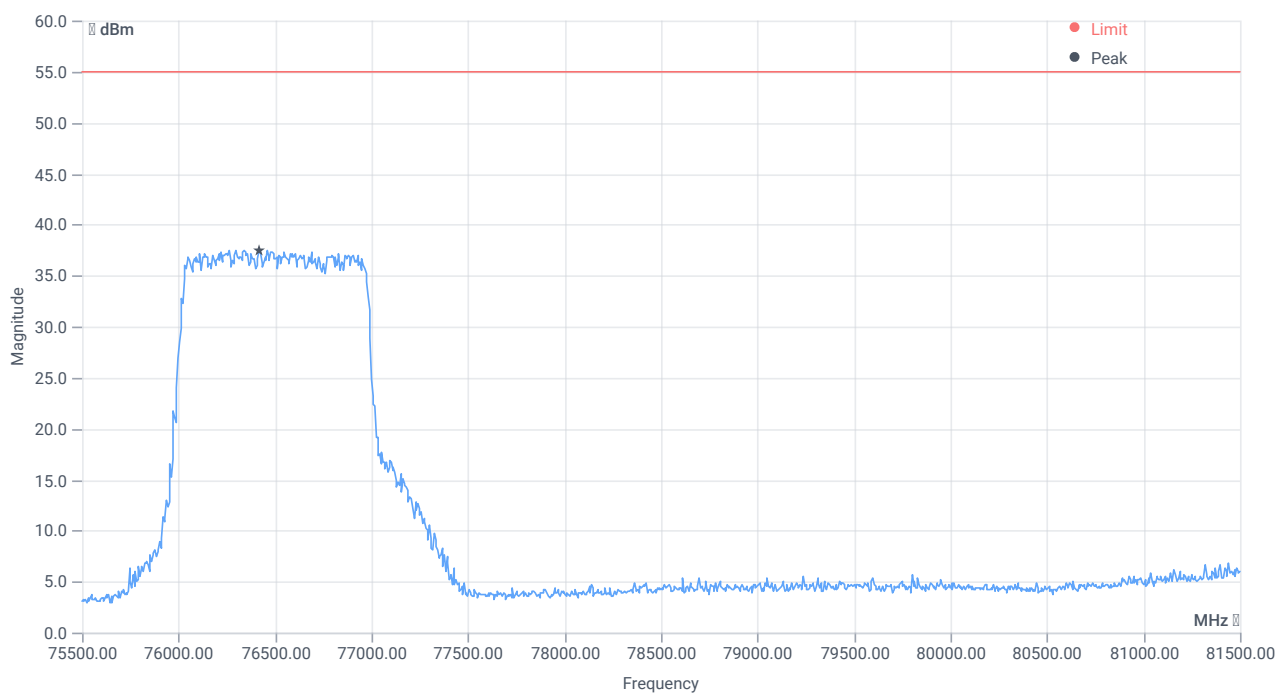
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.20
Power supply,ROHDE&SCHWARZ,HMP2020,121993,HW50010003/SW2.72
Climatic box,CTS,T-40/50,064023,LAN

Test Parameter

EUT port	1
Temperature	nom
Voltage	nom
Auto control enabled power supply Climatic Box	Yes Yes
Full path type	
Full path name	
Switch bits	

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	45.00 56.5 0
Start [MHz] Stop [MHz]	75500.000 81500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	200000 1 1001 SWE



Peak output power

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	55	37.53	dBm	PASS
Peak power	---		5662.39289	mW	PASS
Frequency at peak	---	---	76420.1	MHz	INFO

Verdict

PASS

Systems FCC.ISED # Peak Power ~ TID0058 Mode 03

References

TC start	13.10.2025 15:38:24
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.5.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Peak power
Information	

Equipment

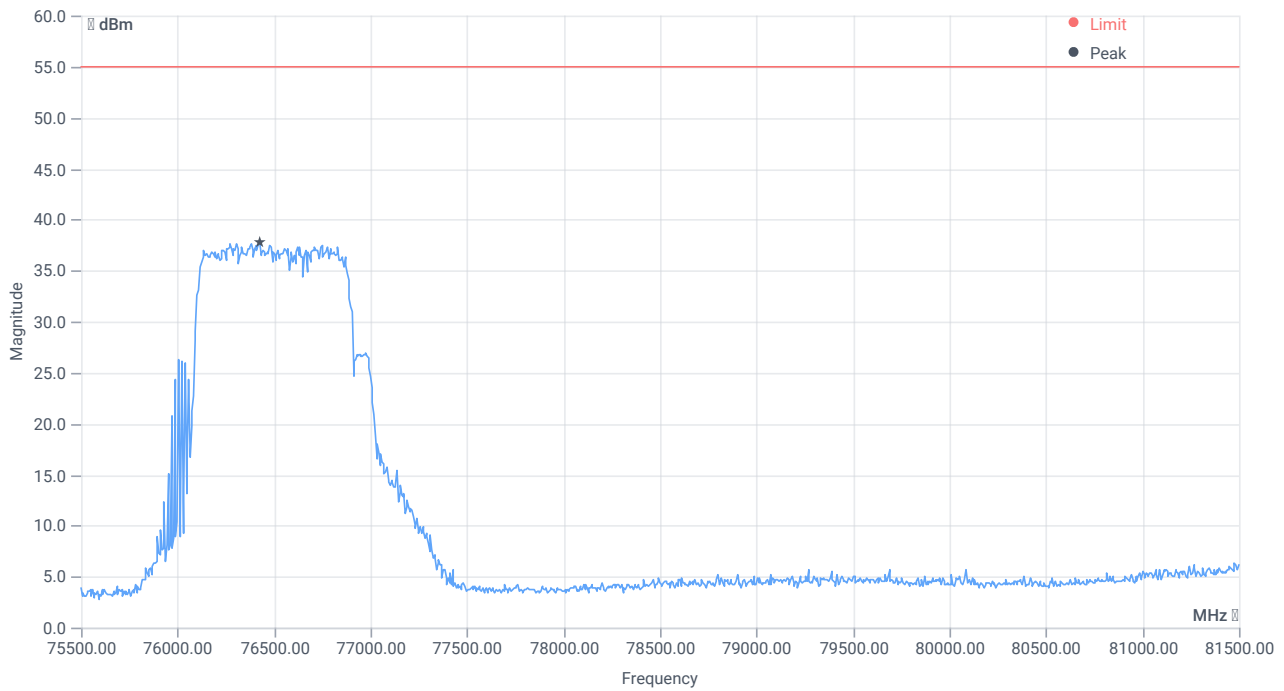
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.20
Power supply,ROHDE&SCHWARZ,HMP2020,121993,HW50010003/SW2.72
Climatic box,CTS,T-40/50,064023,LAN

Test Parameter

EUT port	1
Temperature	nom
Voltage	nom
Auto control enabled power supply Climatic Box	Yes Yes
Full path type	
Full path name	
Switch bits	

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	45.00 56.5 0
Start [MHz] Stop [MHz]	75500.000 81500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	200000 1 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	55	37.71	dBm	PASS
Peak power	---		5902.010802	mW	PASS
Frequency at peak	---	---	76426.1	MHz	INFO

Verdict

PASS

Systems FCC.ISED # Peak Power ~ TID0066 Mode 04

References

TC start	13.10.2025 18:33:13
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.5.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Peak power
Information	

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.20
Power supply,ROHDE&SCHWARZ,HMP2020,121993,HW50010003/SW2.72
Climatic box,CTS,T-40/50,064023,LAN

Test Parameter

EUT port	1
Temperature	nom
Voltage	nom
Auto control enabled power supply Climatic Box	Yes Yes
Full path type	
Full path name	
Switch bits	

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	45.00 56.5 0
Start [MHz] Stop [MHz]	75500.000 81500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	200000 1 1001 SWE



Peak output power

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	55	37.88	dBm	PASS
Peak power	---		6137.620052	mW	PASS
Frequency at peak	---	---	76378.1	MHz	INFO

Verdict

PASS

Systems FCC.ISED # Peak Power ~ TID0072 Mode 78

References

TC start	14.10.2025 09:44:15
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.5.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Peak power
Information	

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.20
Power supply,ROHDE&SCHWARZ,HMP2020,121993,HW50010003/SW2.72
Climatic box,CTS,T-40/50,064023,LAN

Test Parameter

EUT port	1
Temperature	nom
Voltage	nom
Auto control enabled power supply Climatic Box	Yes Yes
Full path type	
Full path name	
Switch bits	

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	45.00 56.5 0
Start [MHz] Stop [MHz]	75500.000 81500.000
RBW [MHz] VBW [MHz]	50.000000 80.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	200000 1 1001 SWE



Peak output power

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	55	31.51	dBm	PASS
Peak power	---		1415.79378	mW	PASS
Frequency at peak	---	---	76408.1	MHz	INFO

Verdict

PASS

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