

Average Power (EIRP) FCC/ISED - DUT24 - Modes 17c0, 17c1, 18c0, 18c1

No.1-9946-25-01-03_TR1-A204-R01

October 20, 2025

Test Standard(s)

Systems FCC.ISED - NI

This document is electronically signed and valid without handwritten signature.
Public keys for verification of the electronic signatures can be requested at the testing laboratory.



cn=Sébastien Engelhardt,
o=cetecom advanced GmbH,
ou=EHT-240524,
email=Sébastien.Engelhardt@c
etecomadvanced.com, c=DE
2025.10.20 16:49:33 +02'00'

Authorized

Sébastien Engelhardt

Testing Manager
Radio Labs

Table of Content

Systems FCC.ISED # Channel Power ~ TID0075 Mode 17c0	3
Systems FCC.ISED # Channel Power ~ TID0080 Mode 17c1	5
Systems FCC.ISED # Channel Power ~ TID0097 Mode 18c0	7
Systems FCC.ISED # Channel Power ~ TID0102 Mode 18c1	9

Systems FCC.ISED # Channel Power ~ TID0075 Mode 17c0

References

TC start	14.10.2025 11:32:03
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 Channel power
Information	

Equipment

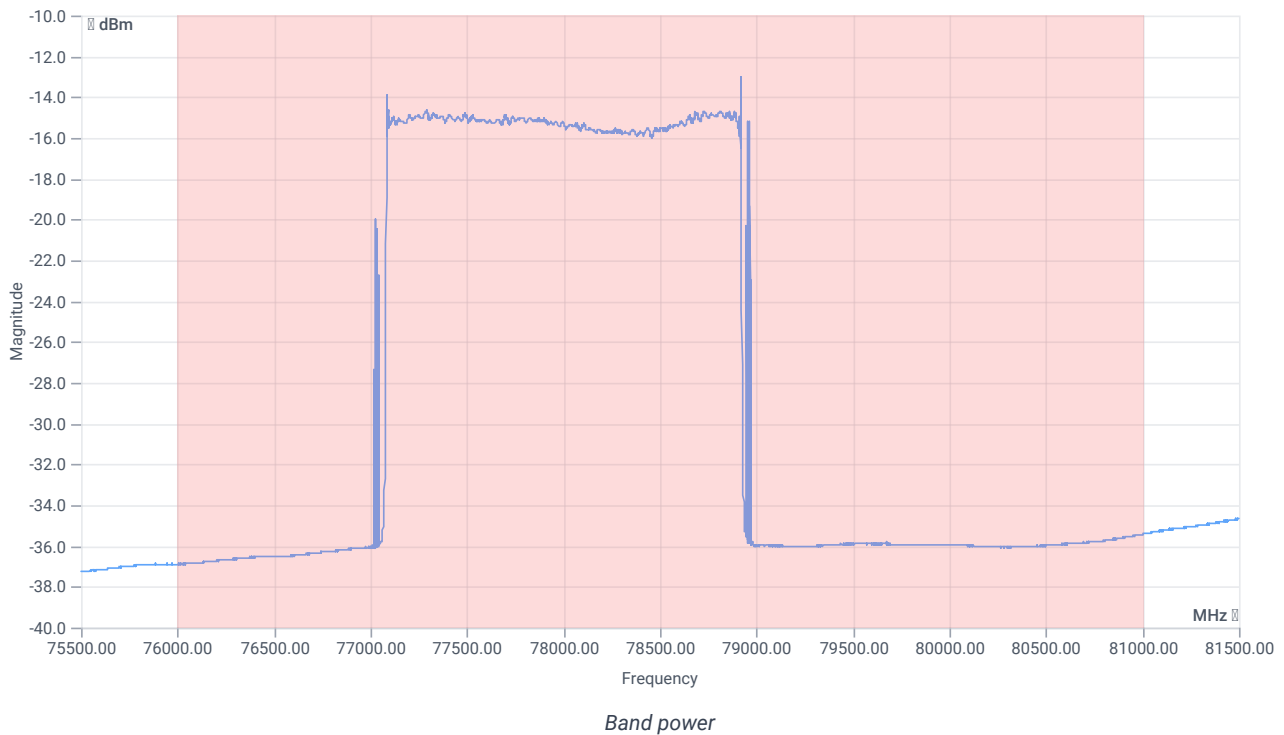
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.20
Power supply,ROHDE&SCHWARZ,HMP2020,121993,HW50010003/SW2.72
Climatic box,CTS,T-40/50,064023,LAN

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]	20.00 56.5 0
Start [MHz] Stop [MHz]	75500.000 81500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	1200000 1 6001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Channel power span	---	---	5000	MHz	INFO
Band power		50	17.21	dBm	PASS
Band power	---		52.601727	mW	PASS

Verdict

PASS

Systems FCC.ISED # Channel Power ~ TID0080 Mode 17c1

References

TC start	14.10.2025 13:40:46
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 Channel power
Information	

Equipment

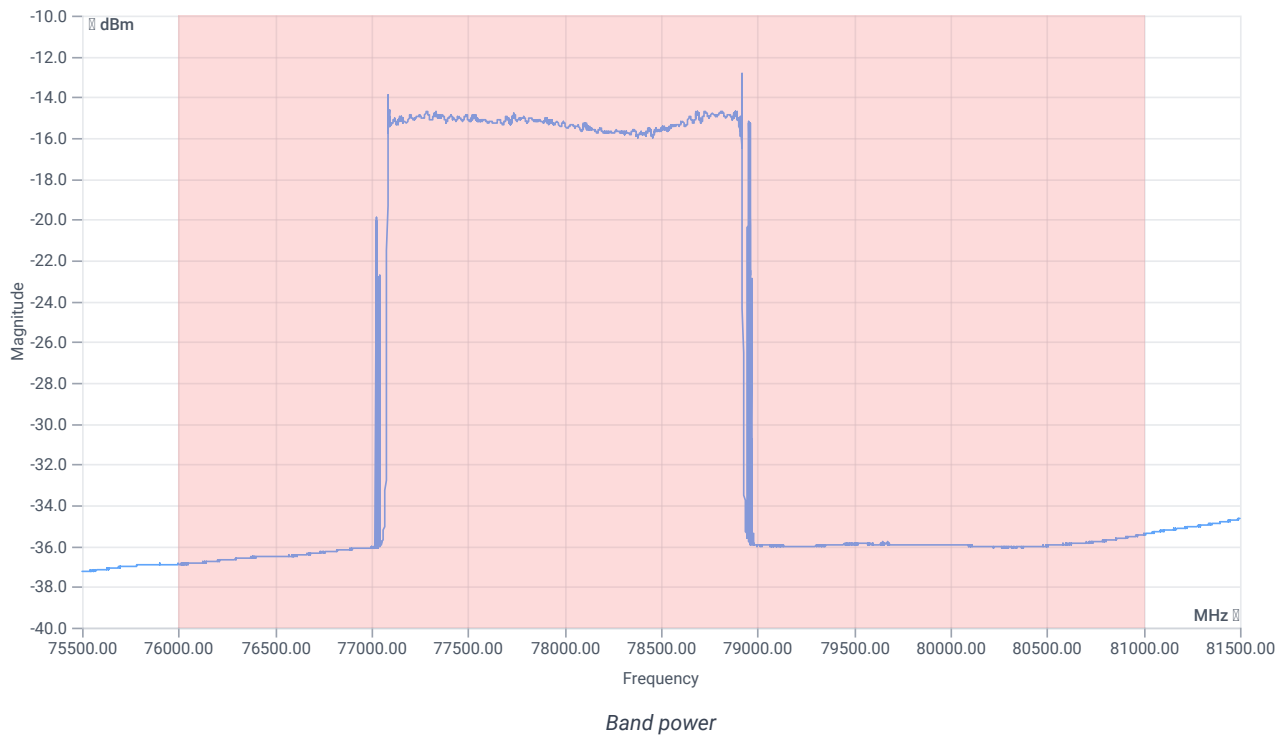
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.20
Power supply,ROHDE&SCHWARZ,HMP2020,121993,HW50010003/SW2.72
Climatic box,CTS,T-40/50,064023,LAN

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]	20.00 56.5 0
Start [MHz] Stop [MHz]	75500.000 81500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	1200000 1 6001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Channel power span	---	---	5000	MHz	INFO
Band power		50	17.22	dBm	PASS
Band power	---		52.722986	mW	PASS

Verdict

PASS

Systems FCC.ISED # Channel Power ~ TID0097 Mode 18c0

References

TC start	15.10.2025 09:40:50
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 Channel 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]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	1200000 1 6001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Channel power span	---	---	5000	MHz	INFO
Band power		50	18.72	dBm	PASS
Band power	---		74.473197	mW	PASS

Verdict

PASS

Systems FCC.ISED # Channel Power ~ TID0102 Mode 18c1

References

TC start	15.10.2025 11:56:19
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 Channel 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]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	1200000 1 6001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Channel power span	---	---	5000	MHz	INFO
Band power		50	18.74	dBm	PASS
Band power	---		74.81695	mW	PASS

Verdict

PASS

- END OF DOCUMENT -