

Occupied bandwidth and Frequency stability EUT 1 Mode 1

No.1-9686-25-02-02_TR1-A204-R02

March 13, 2026

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=Stephan Thiel,
o=cetecom advanced
GmbH, ou=THL-230601,
email=Stephan.Thiel@cetec
omadvanced.com, c=DE
2026.03.13 12:26:31 +01'00'

Authorized

Stephan Thiel
Testing Manager
Radio Labs

Table of Content

Systems FCC.ISED # Bandwidth 99pct ~ TID0072 Fixed Interferometric Radar System at 76-77 GHz	3
Systems FCC.ISED # Bandwidth 99pct ~ TID0073 Fixed Interferometric Radar System at 76-77 GHz	6
Systems FCC.ISED # Bandwidth 99pct ~ TID0074 Fixed Interferometric Radar System at 76-77 GHz	9
Systems FCC.ISED # Bandwidth 99pct ~ TID0075 Fixed Interferometric Radar System at 76-77 GHz	12
Systems FCC.ISED # Bandwidth 99pct ~ TID0062 Fixed Interferometric Radar System at 76-77 GHz	15
Systems FCC.ISED # Bandwidth 99pct ~ TID0063 Fixed Interferometric Radar System at 76-77 GHz	18
Systems FCC.ISED # Bandwidth 99pct ~ TID0064 Fixed Interferometric Radar System at 76-77 GHz	21
Systems FCC.ISED # Bandwidth 99pct ~ TID0076 Fixed Interferometric Radar System at 76-77 GHz	24
Systems FCC.ISED # Bandwidth 99pct ~ TID0081 Fixed Interferometric Radar System at 76-77 GHz	27
Systems FCC.ISED # Bandwidth 99pct ~ TID0082 Fixed Interferometric Radar System at 76-77 GHz	30

Systems FCC.ISED # Bandwidth 99pct ~ TID0072 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	12.03.2026 12:13:22
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct Initial: T -20
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

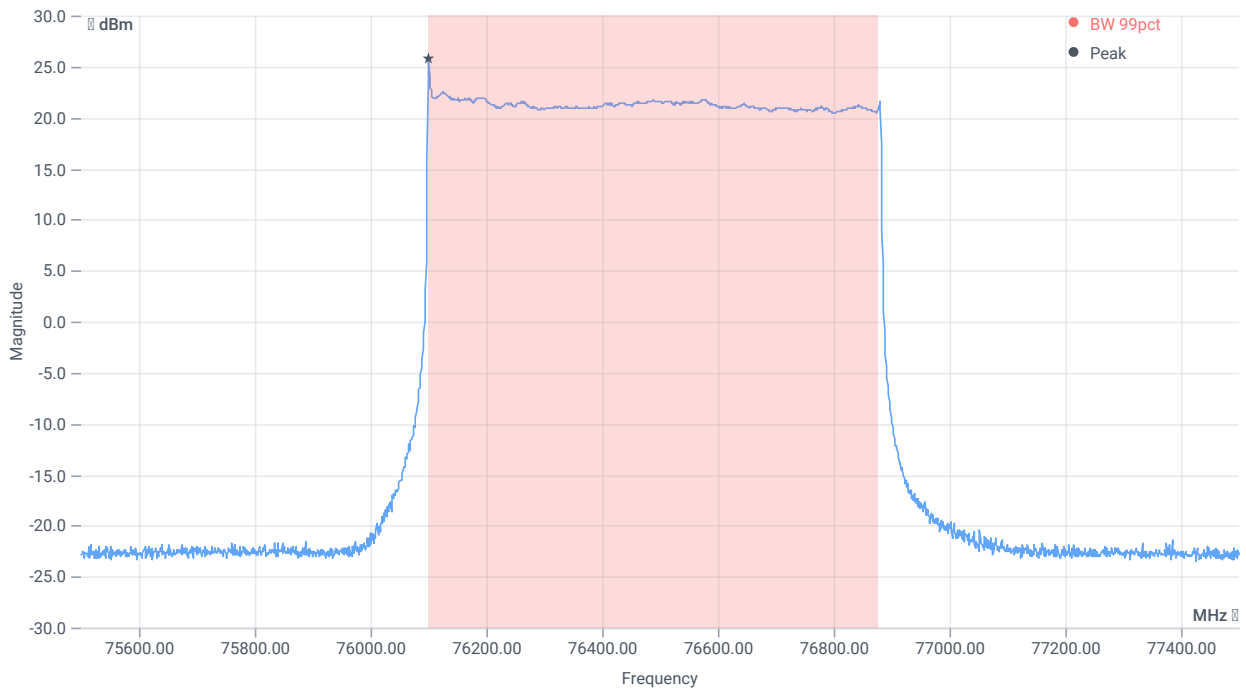
Test Parameter

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

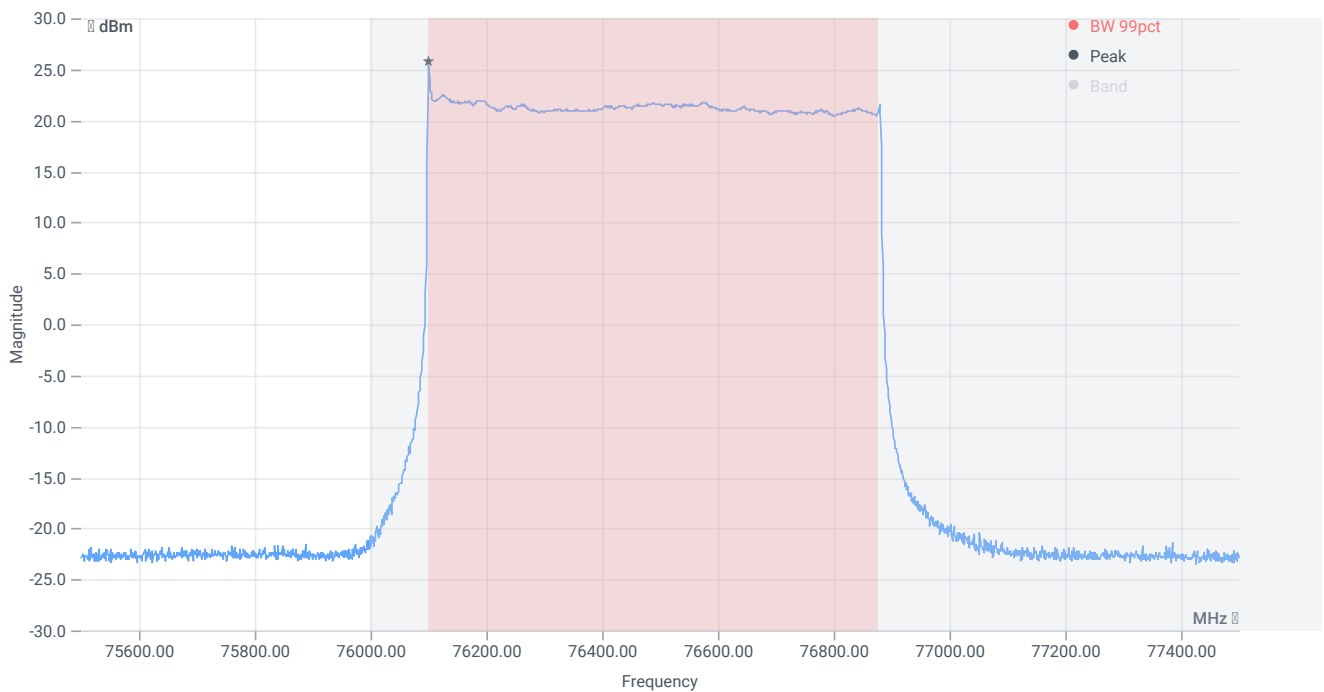
Test for specific temp [°C]: -20

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	777.81	MHz	INFO
T1 99pct	76000.00	---	76100.32	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76878.13	MHz	PASS
Max value @ 76100.2 MHz	---	---	25.82	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0073 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	12.03.2026 12:17:08
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct Initial: T -10
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

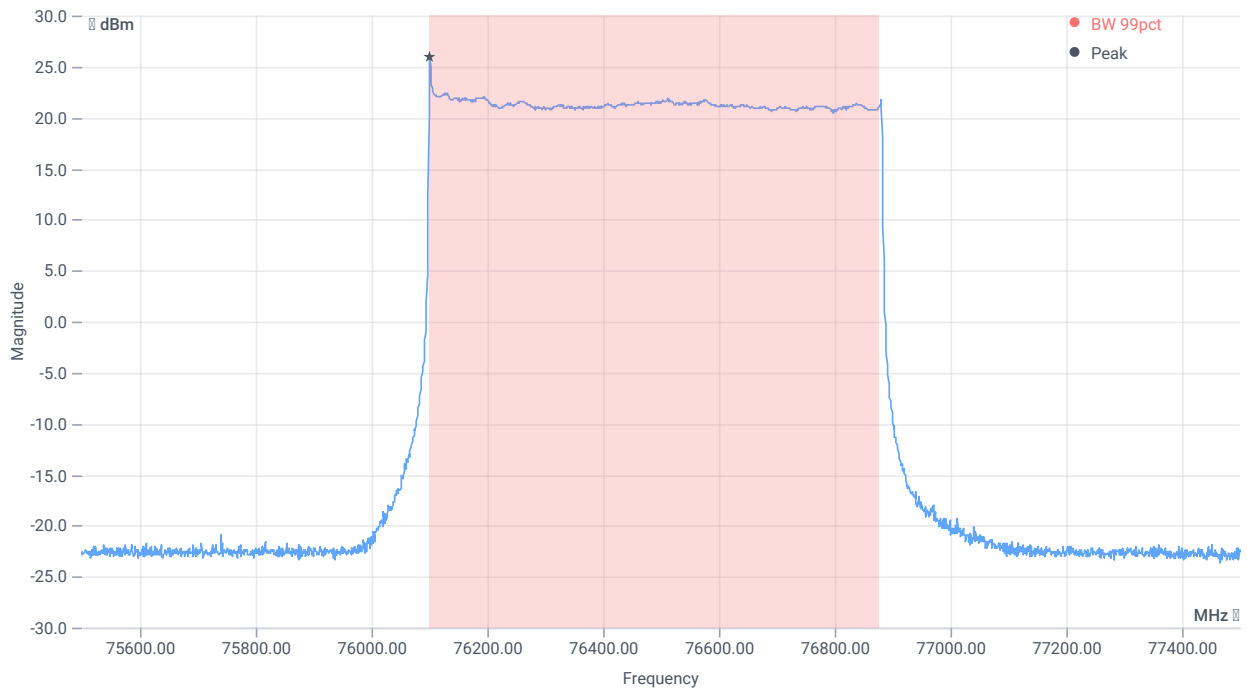
Test Parameter

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

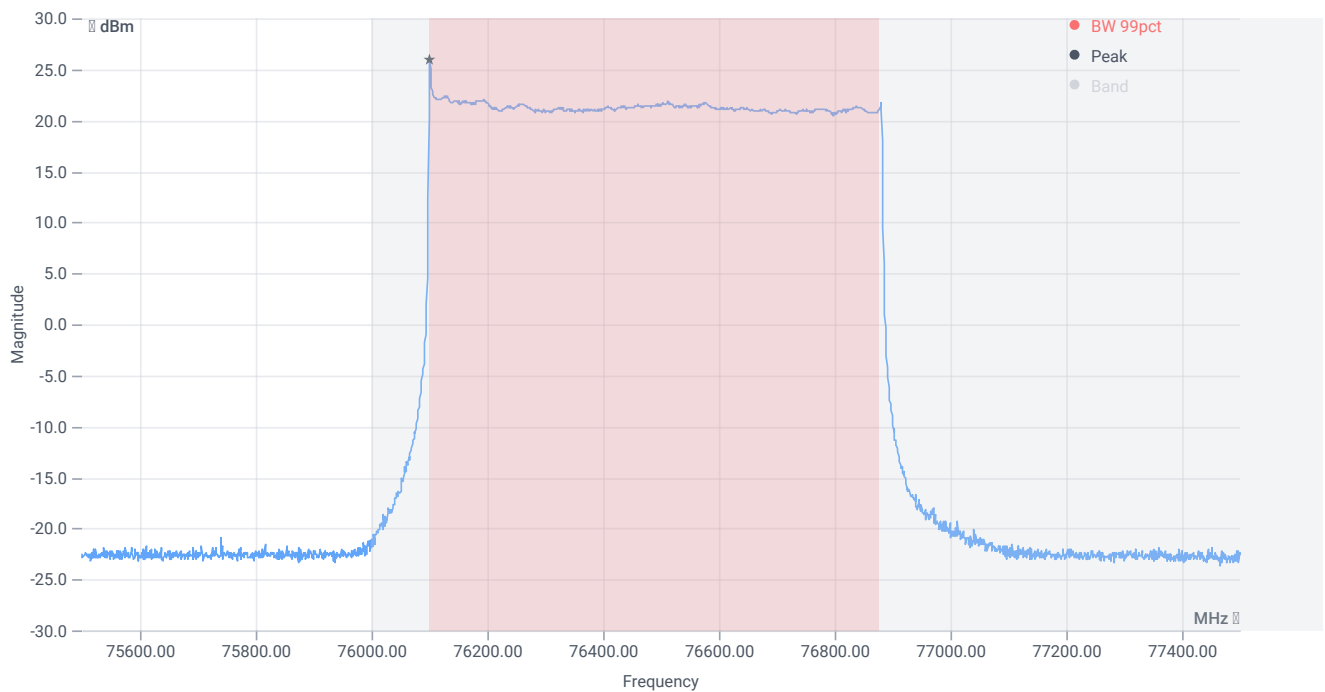
Test for specific temp [°C]: -10

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	777.55	MHz	INFO
T1 99pct	76000.00	---	76100.79	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76878.34	MHz	PASS
Max value @ 76101.2 MHz	---	---	25.88	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0074 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	12.03.2026 13:07:39
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct Initial: T 0
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

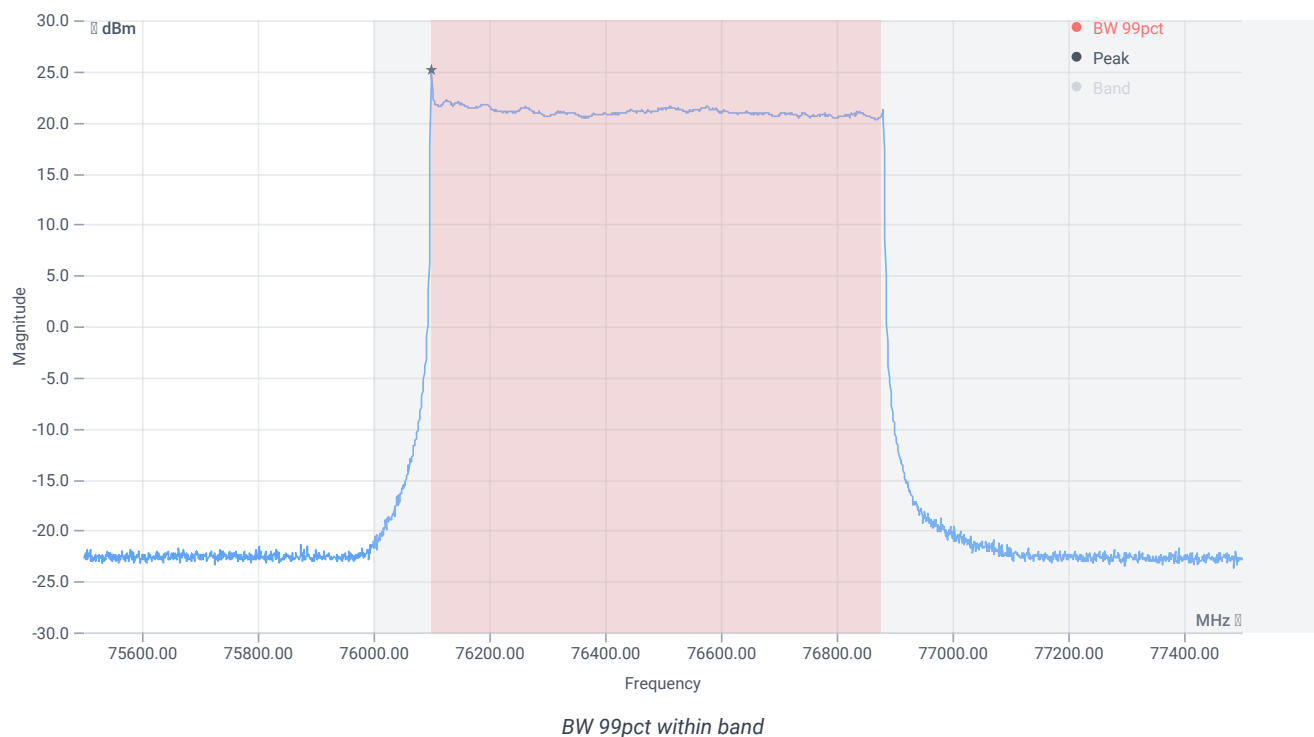
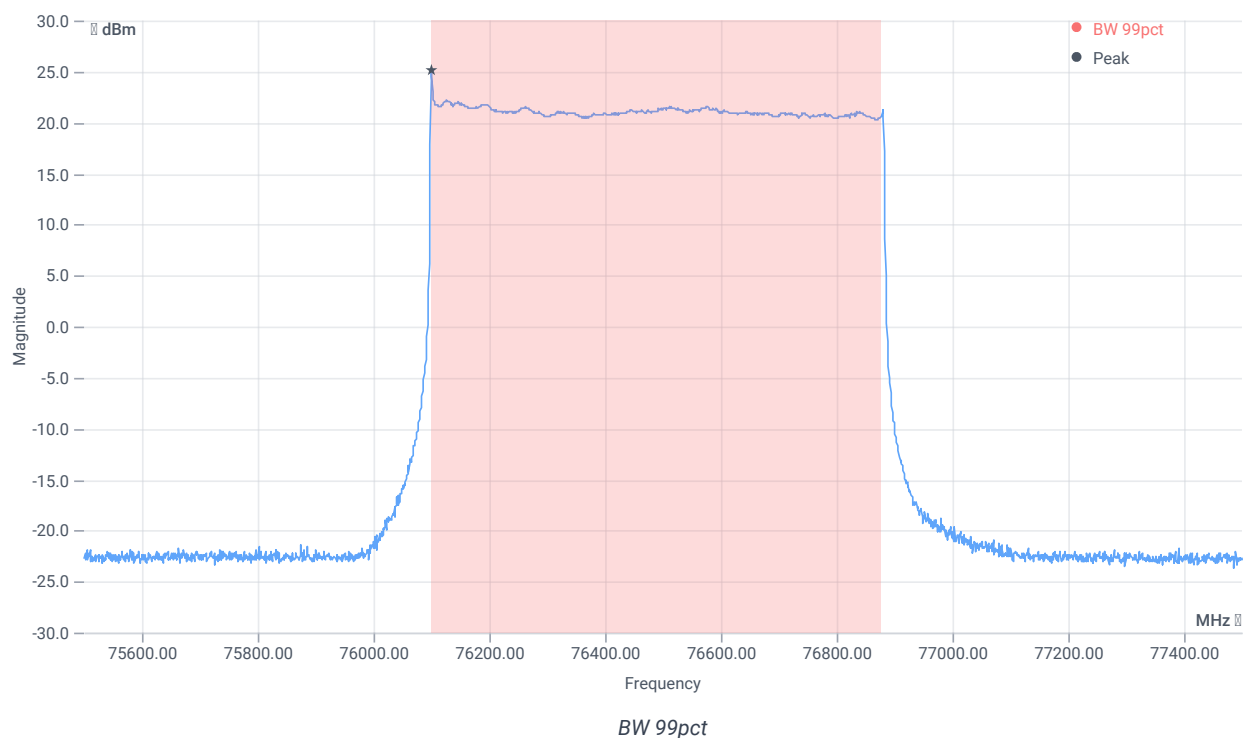
Test Parameter

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

Test for specific temp [°C]: 0

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	777.88	MHz	INFO
T1 99pct	76000.00	---	76100.14	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76878.02	MHz	PASS
Max value @ 76100.2 MHz	---	---	25.21	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0075 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	12.03.2026 13:58:13
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct Initial: T 10
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

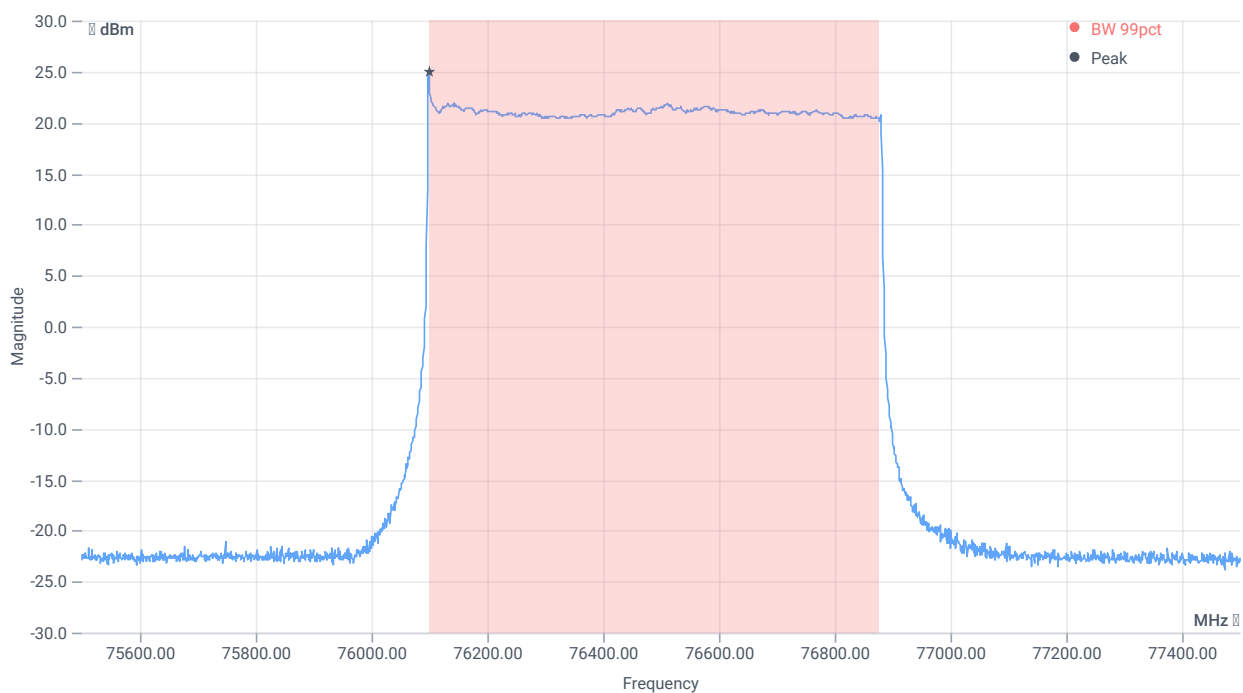
Test Parameter

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

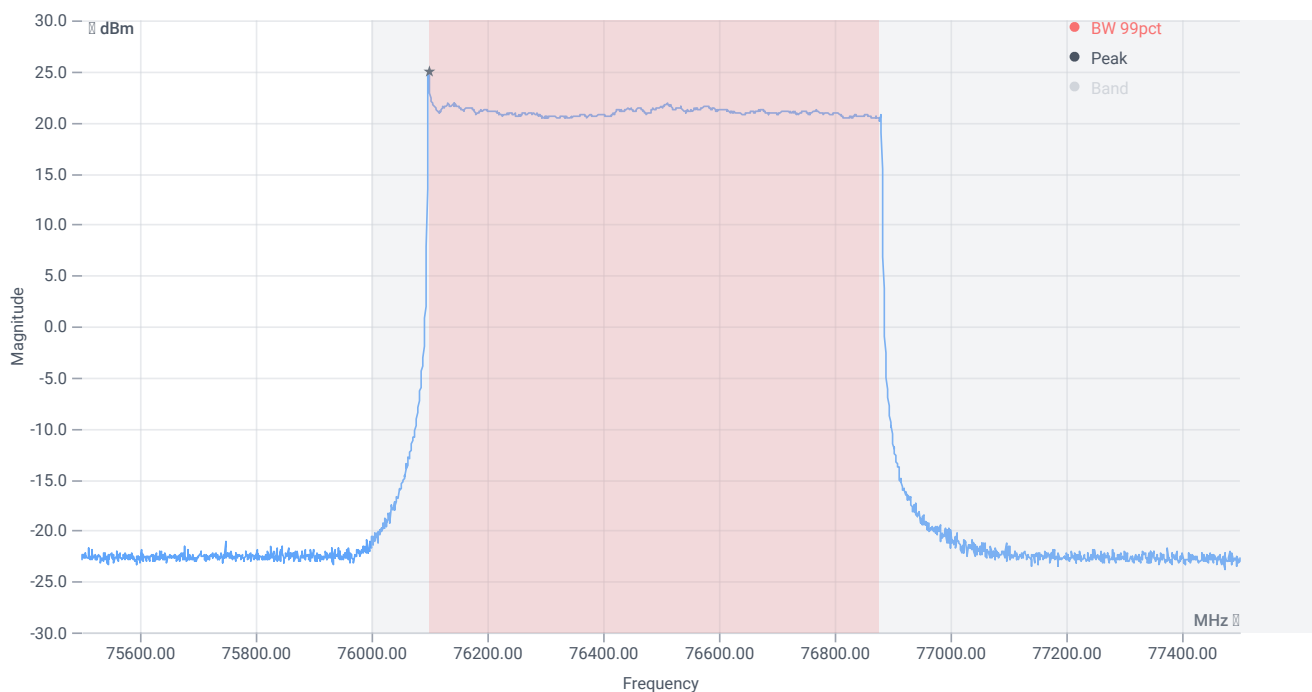
Test for specific temp [°C]: 10

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	778.34	MHz	INFO
T1 99pct	76000.00	---	76098.86	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76877.20	MHz	PASS
Max value @ 76099.2 MHz	---	---	24.92	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0062 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	12.03.2026 11:05:58
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

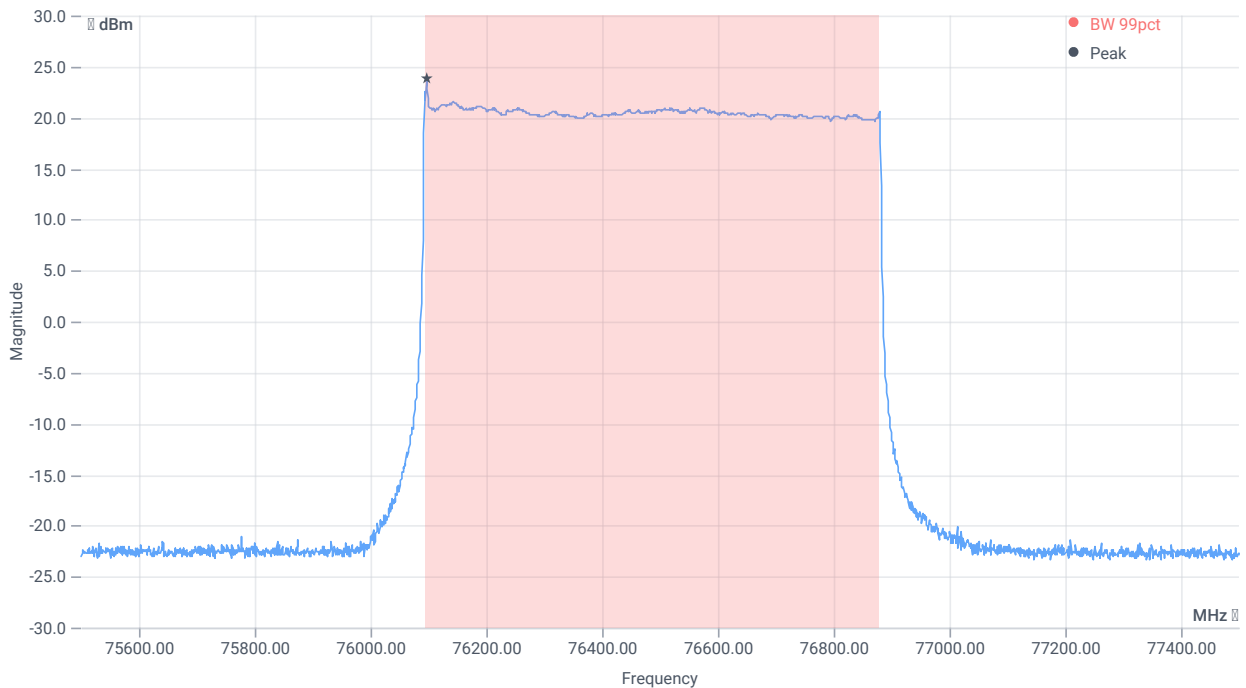
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

Test Parameter

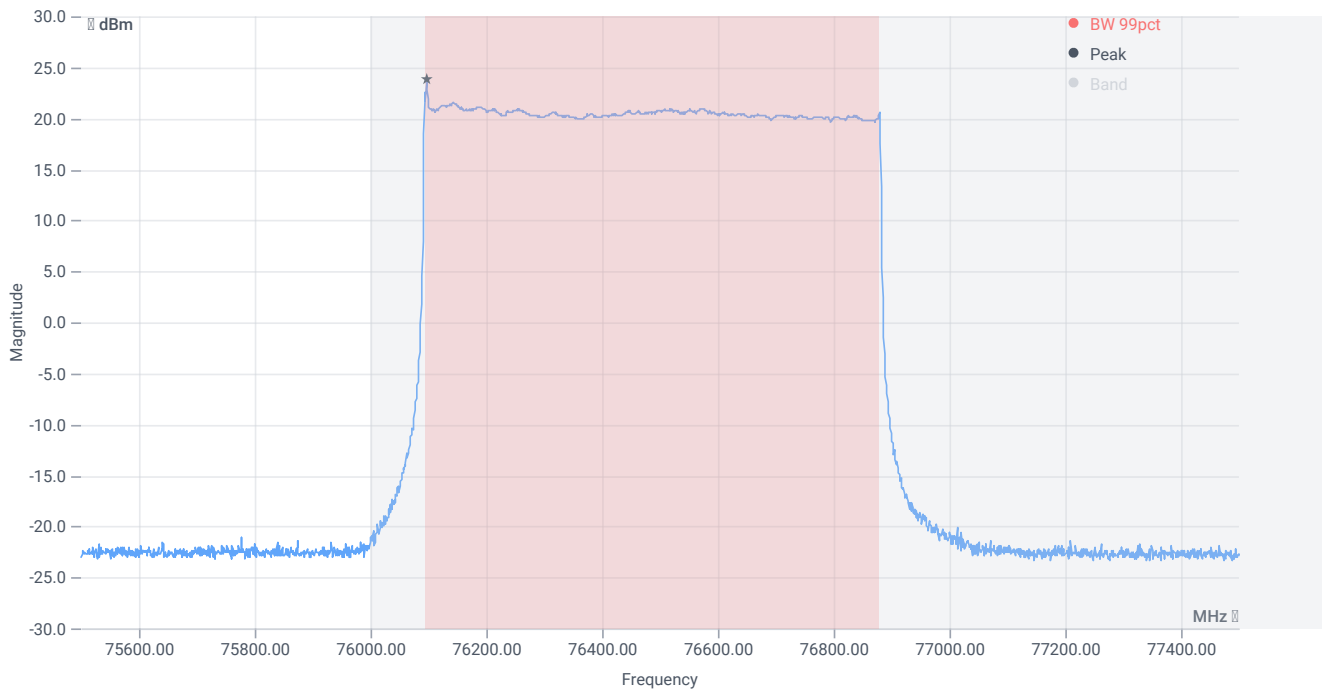
EUT port	1
Temperature	nom
Voltage	min
Auto control enabled power supply Climatic Box	Yes Yes
Full path type	
Full path name	
Switch bits	

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	782.51	MHz	INFO
T1 99pct	76000.00	---	76094.67	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76877.19	MHz	PASS
Max value @ 76097.2 MHz	---	---	23.79	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0063 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	12.03.2026 11:09:44
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

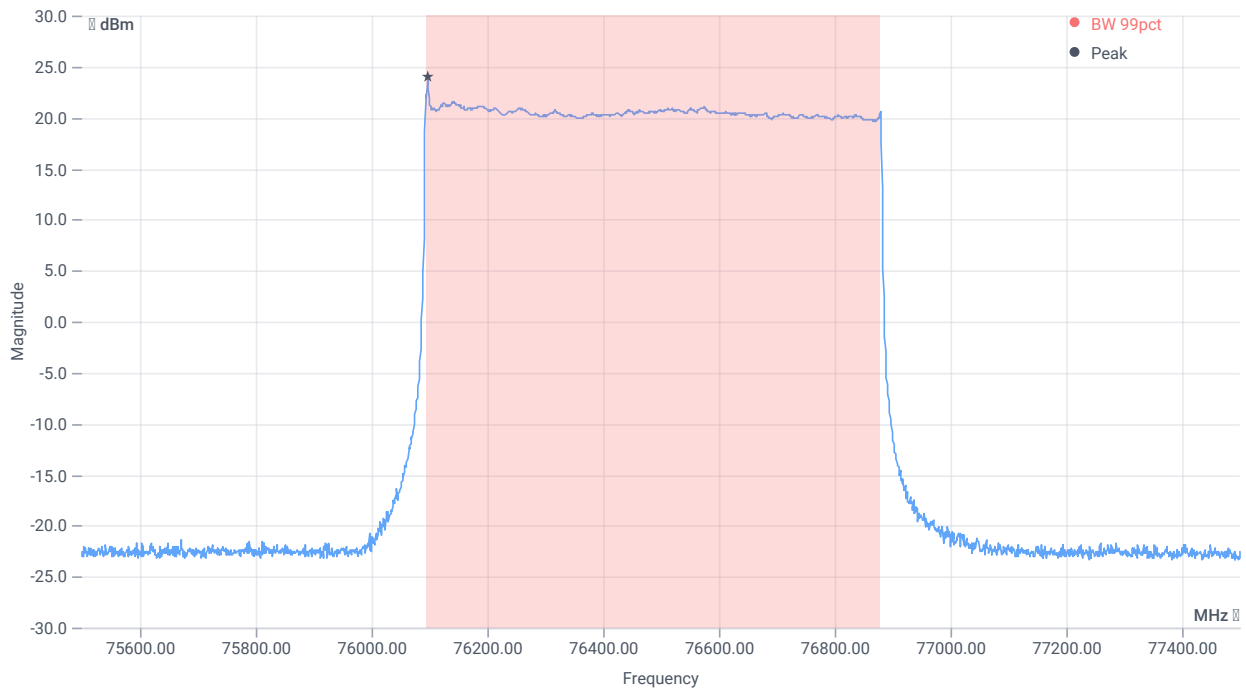
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

Test Parameter

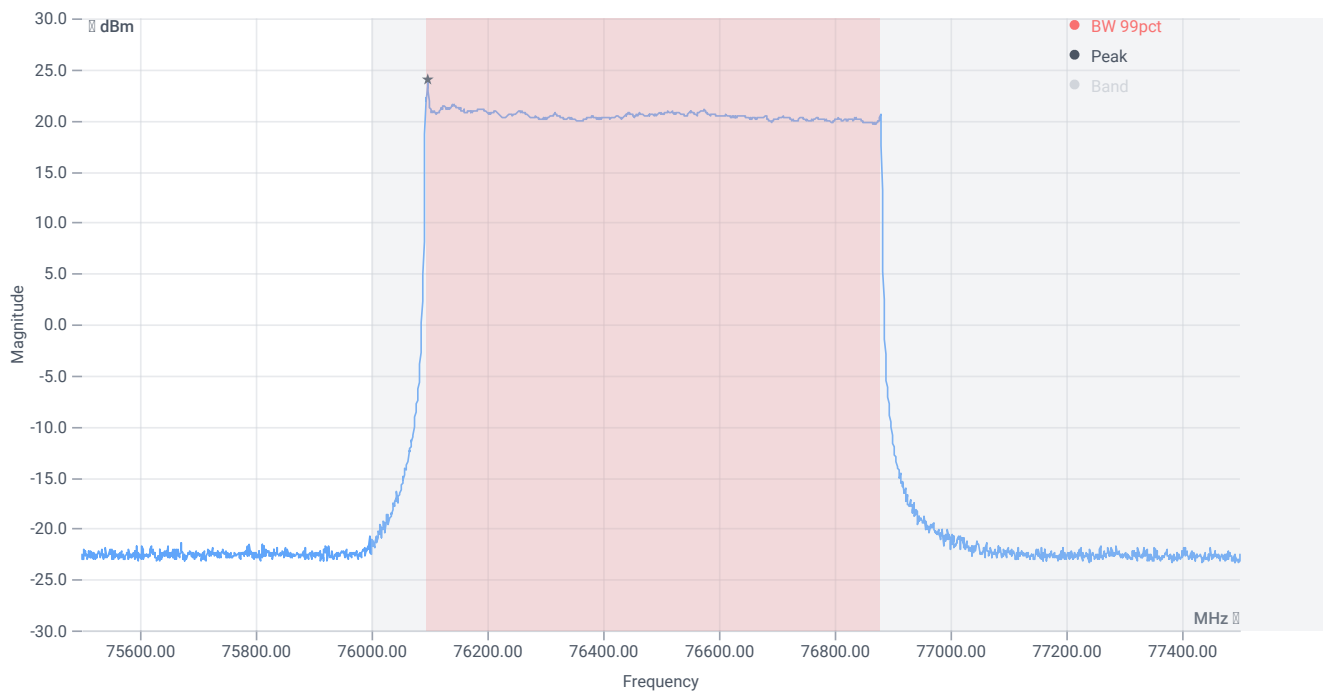
EUT port	1
Temperature	nom
Voltage	nom
Auto control enabled power supply Climatic Box	Yes Yes
Full path type	
Full path name	
Switch bits	

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	782.48	MHz	INFO
T1 99pct	76000.00	---	76094.70	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76877.18	MHz	PASS
Max value @ 76097.2 MHz	---	---	23.94	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0064 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	12.03.2026 11:13:30
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

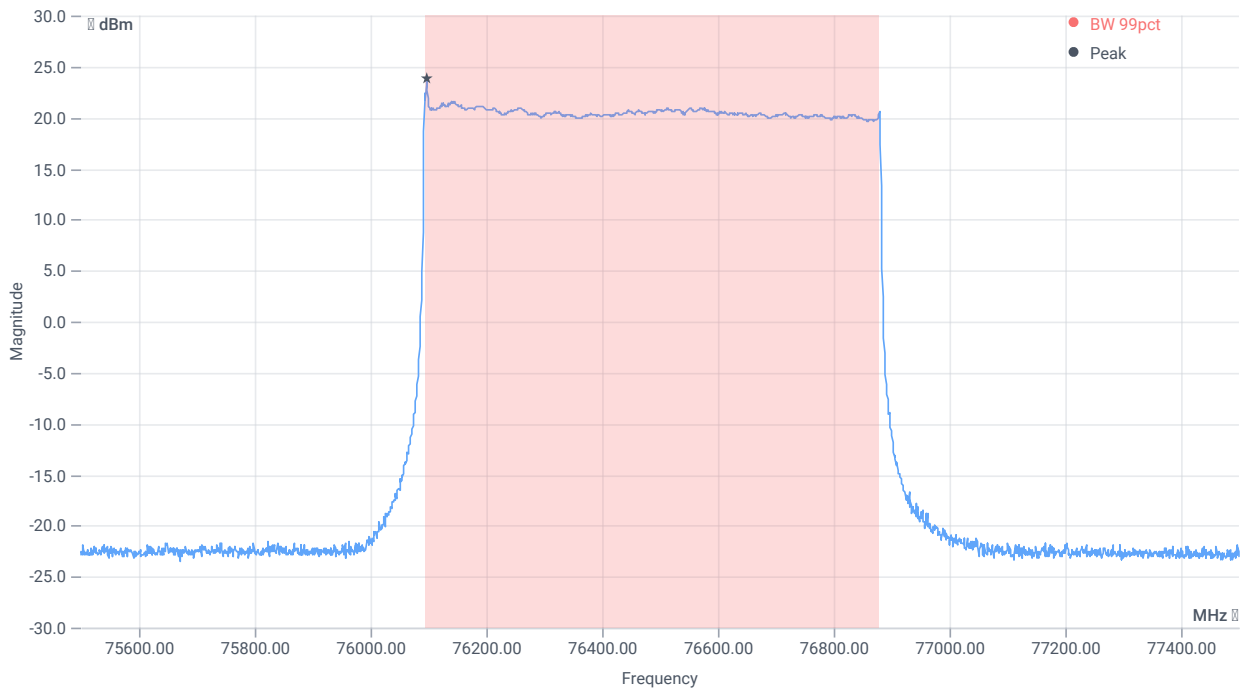
Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

Test Parameter

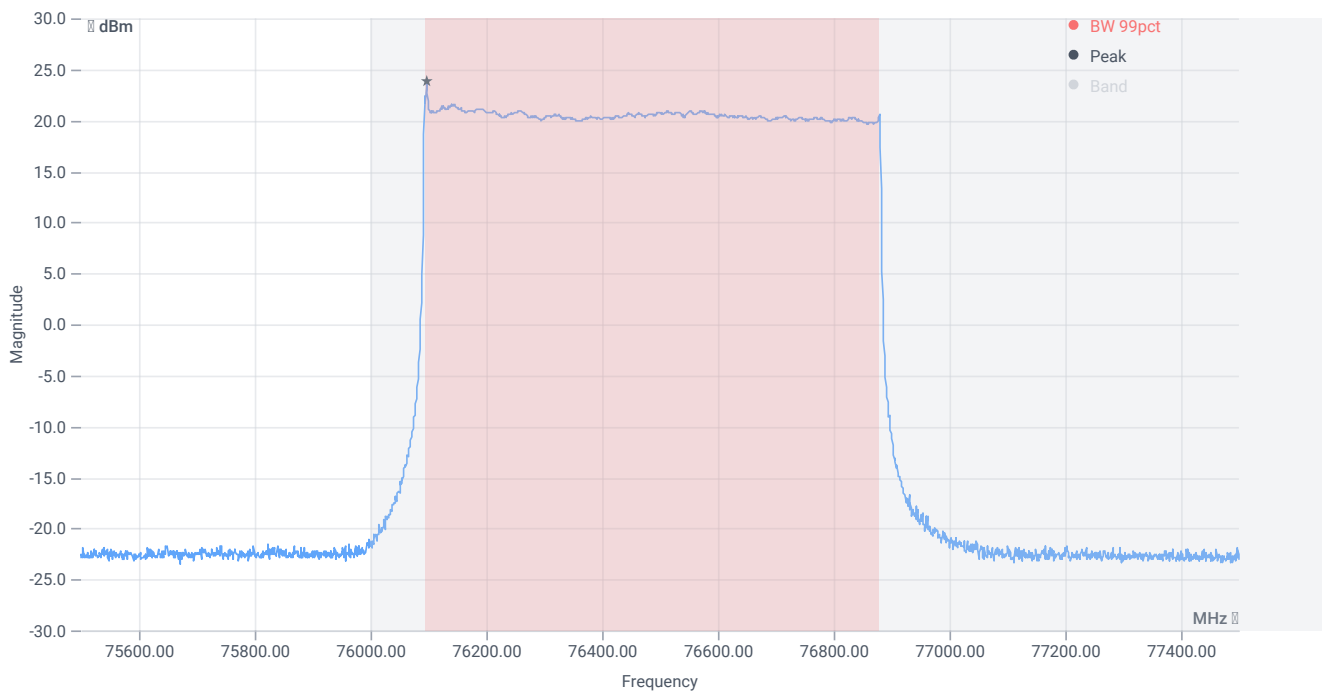
EUT port	1
Temperature	nom
Voltage	max
Auto control enabled power supply Climatic Box	Yes Yes
Full path type	
Full path name	
Switch bits	

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	782.43	MHz	INFO
T1 99pct	76000.00	---	76094.68	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76877.11	MHz	PASS
Max value @ 76097.2 MHz	---	---	23.76	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0076 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	12.03.2026 14:49:08
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct Initial: T 30
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

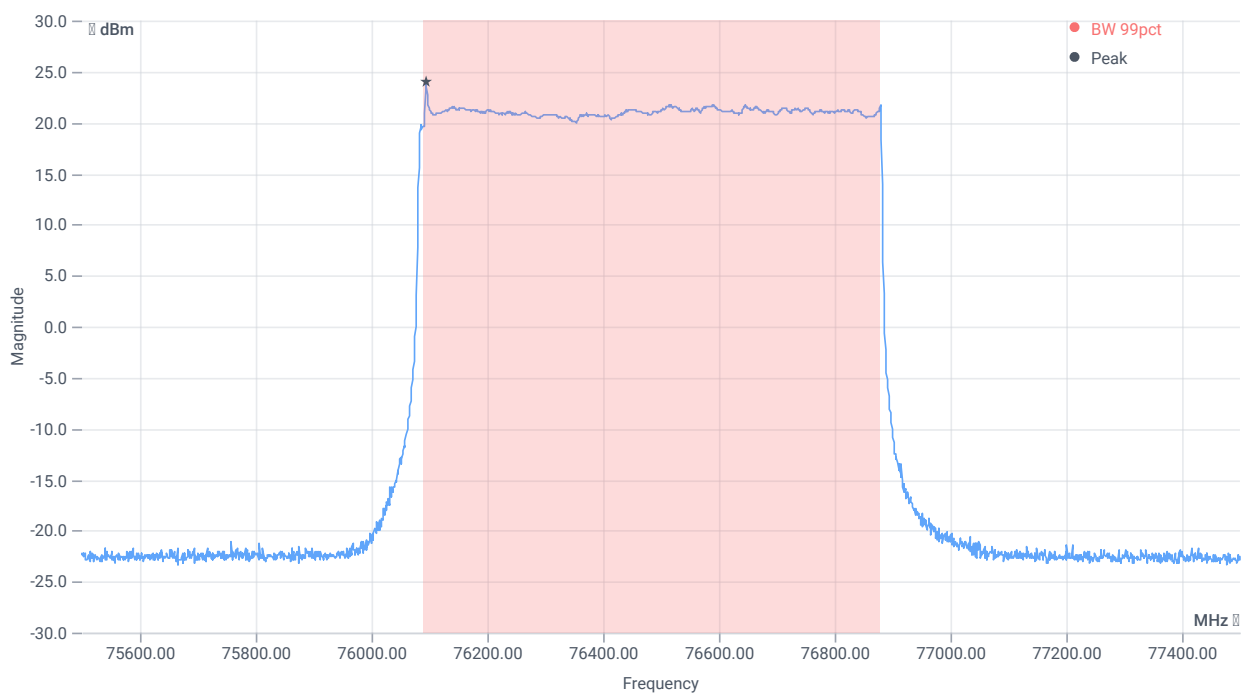
Test Parameter

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

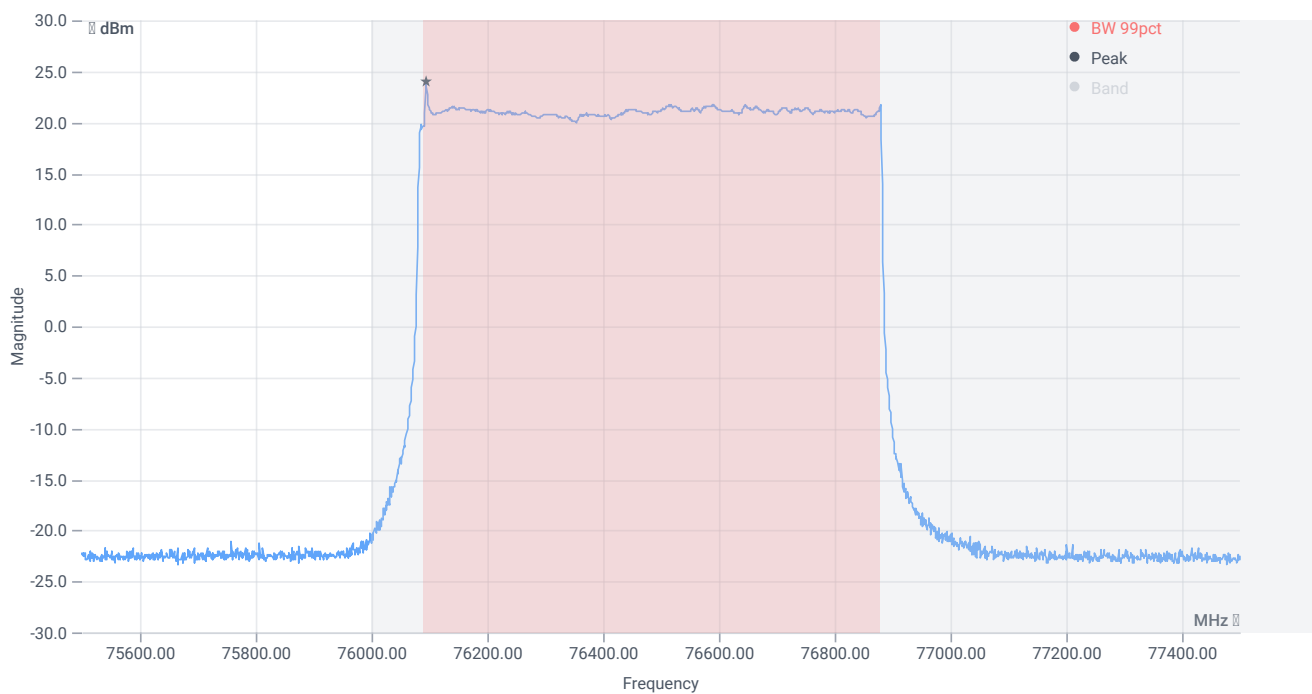
Test for specific temp [°C]: 30

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	789.76	MHz	INFO
T1 99pct	76000.00	---	76087.80	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76877.56	MHz	PASS
Max value @ 76094.2 MHz	---	---	24.06	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0081 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	13.03.2026 10:31:09
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct Initial: T 40
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

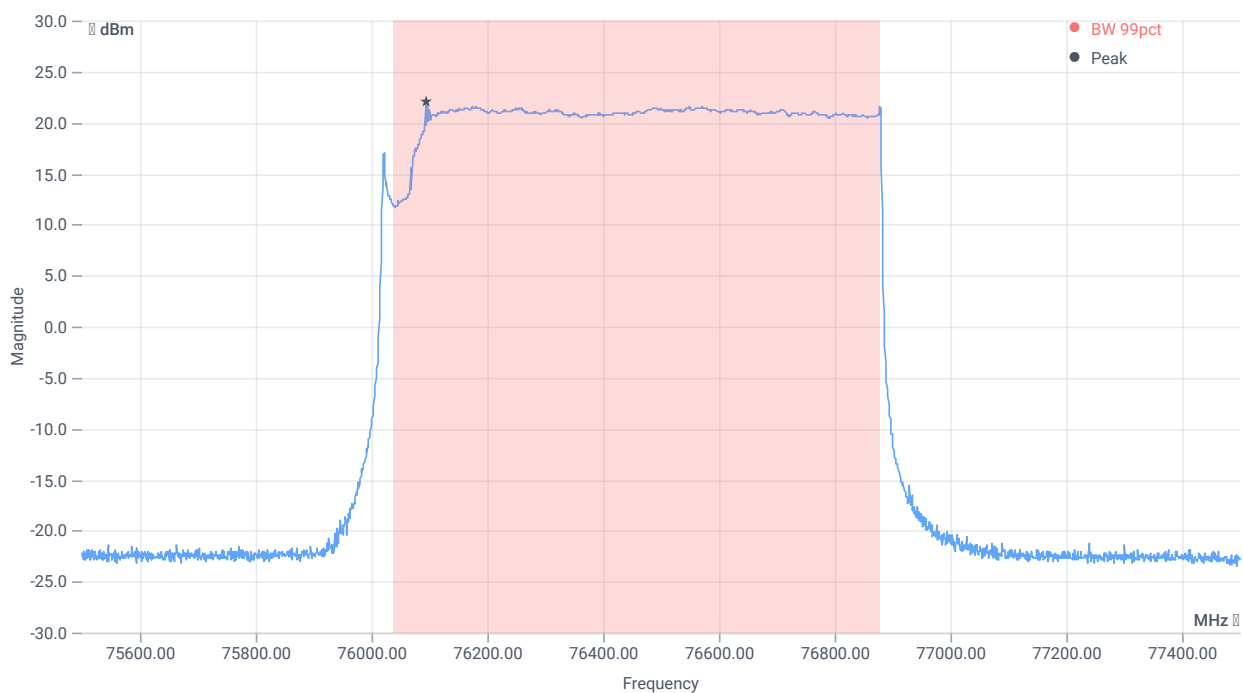
Test Parameter

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

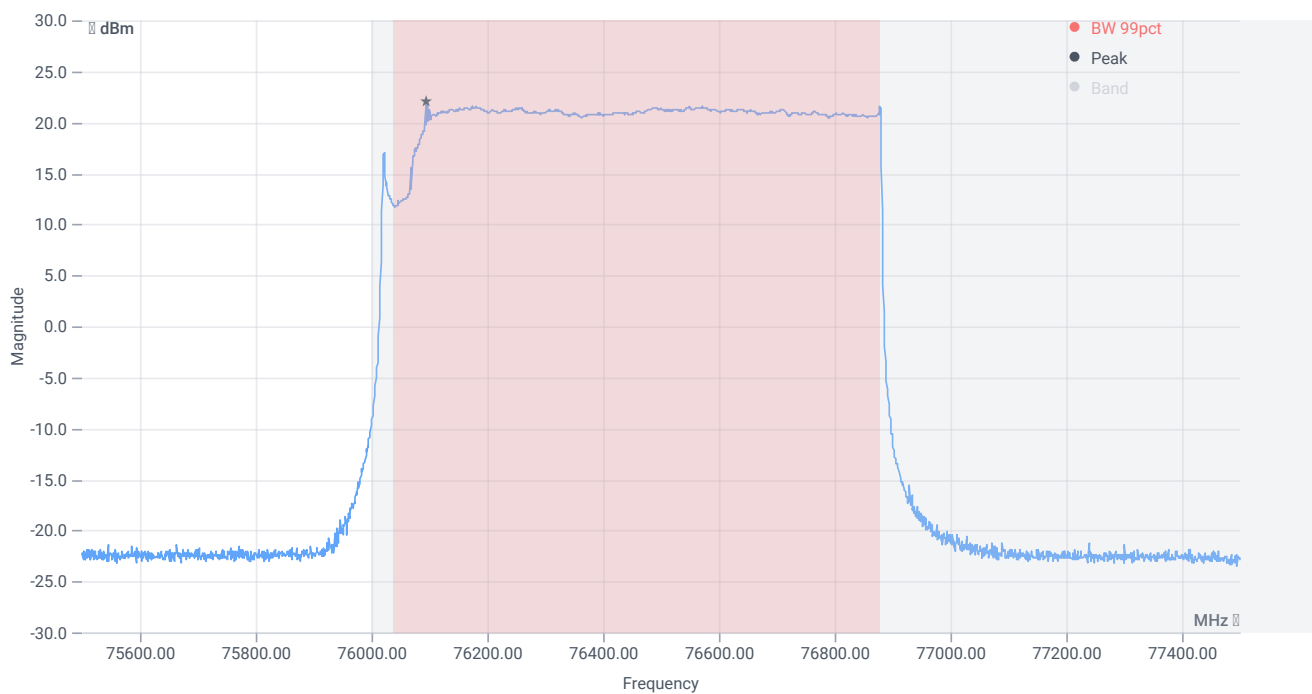
Test for specific temp [°C]: 40

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	840.00	MHz	INFO
T1 99pct	76000.00	---	76036.73	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76876.73	MHz	PASS
Max value @ 76095.2 MHz	---	---	22.08	dBm	INFO

Verdict

PASS

Systems FCC.ISED # Bandwidth 99pct ~ TID0082 Fixed Interferometric Radar System at 76-77 GHz

References

TC start	13.03.2026 10:58:11
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	Systems FCC.ISED NI
Method	
Description	Systems FCC ISED Bandwidth 99pct Initial: T 50
Information	Occupied bandwidth and Frequency stability EUT 1 Mode 1

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101560,6.31
Power supply,Agilent Technologies,N5767A,US14J1569P,B.00.06,REV:F
Climatic box,CTS,T-40/50,064023,LAN

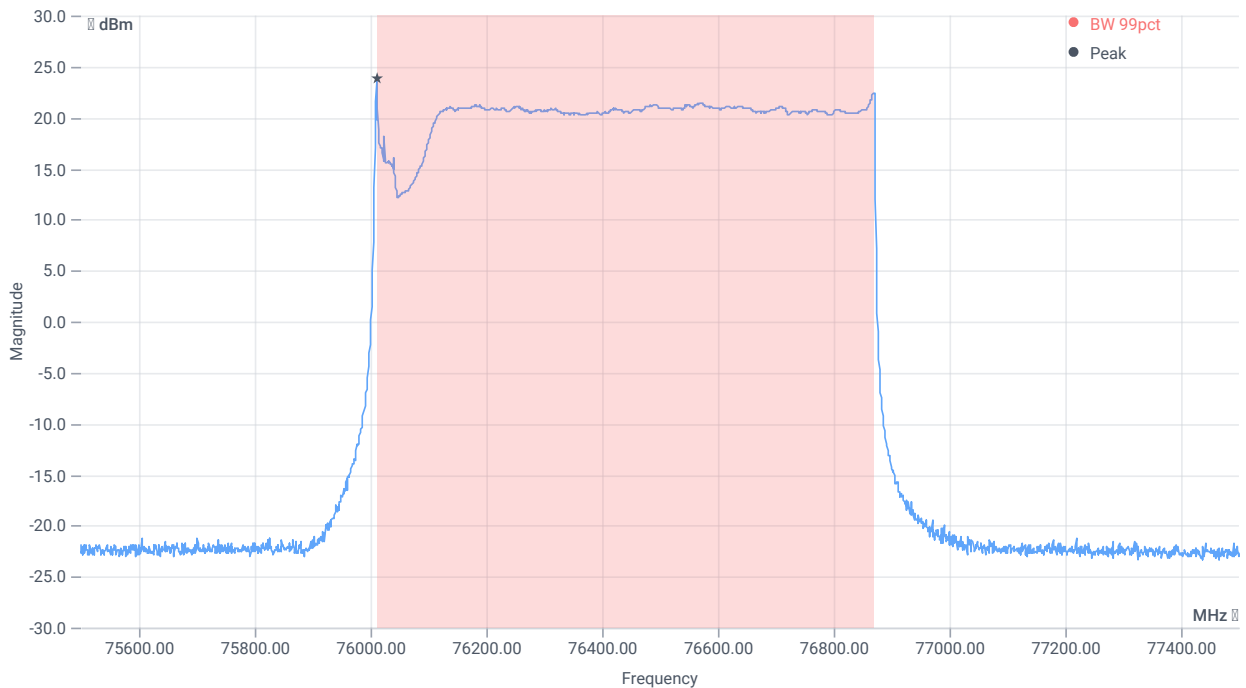
Test Parameter

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

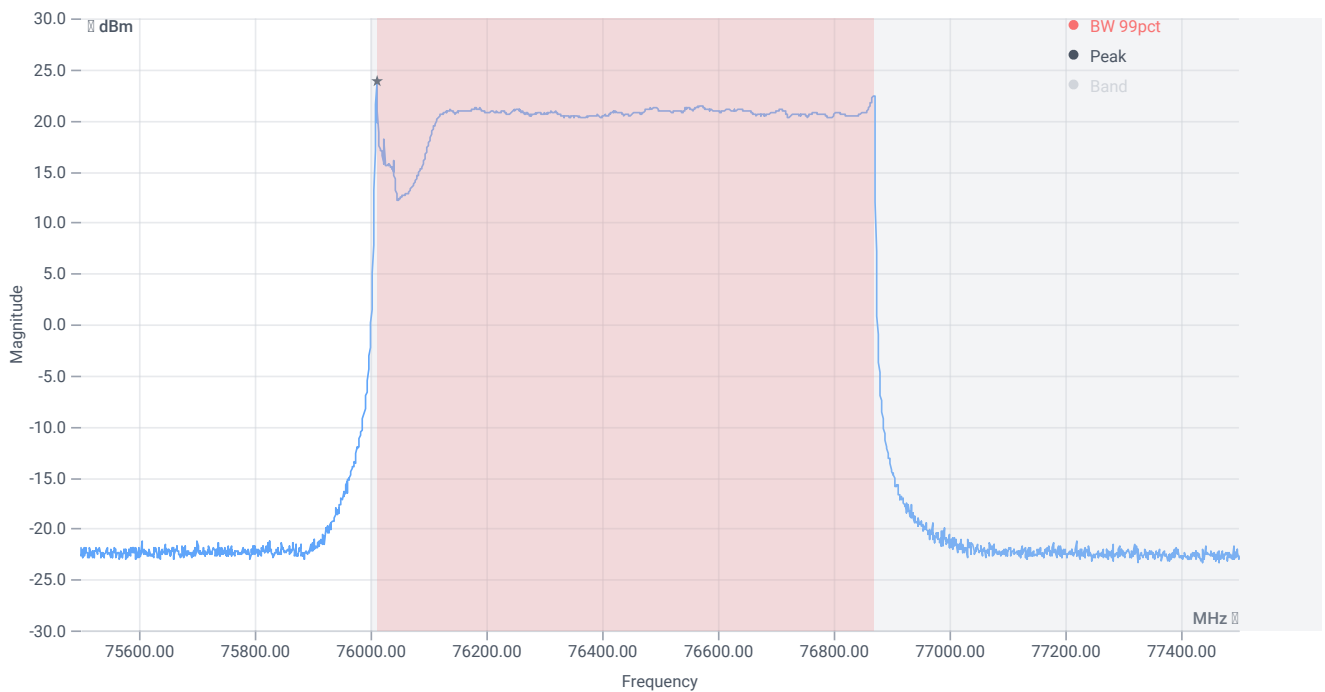
Test for specific temp [°C]: 50

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	30.00 56.2 0
Start [MHz] Stop [MHz]	75500.000 77500.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	100000 1 2001 SWE



BW 99pct



BW 99pct within band

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99pct	---	---	857.44	MHz	INFO
T1 99pct	76000.00	---	76010.68	MHz	PASS

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T2 99pct	---	81000.00	76868.11	MHz	PASS
Max value @ 76010.2 MHz	---	---	23.90	dBm	INFO

Verdict

PASS

- END OF DOCUMENT -