

Conducted test results

No.1-0246-25-01-02_TR1-A202-R01

August 05, 2025

Test Standard(s) NA - NI

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Authorized

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NA # Frequency accuracy over temperature ~

References

TC start	01.08.2025 11:26:49
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.2.4
Standard Version	NA NI
Method	
Description	Frequency Accuracy over Temp. and Voltage
Information	

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101929,6.20SP1

Test Parameter

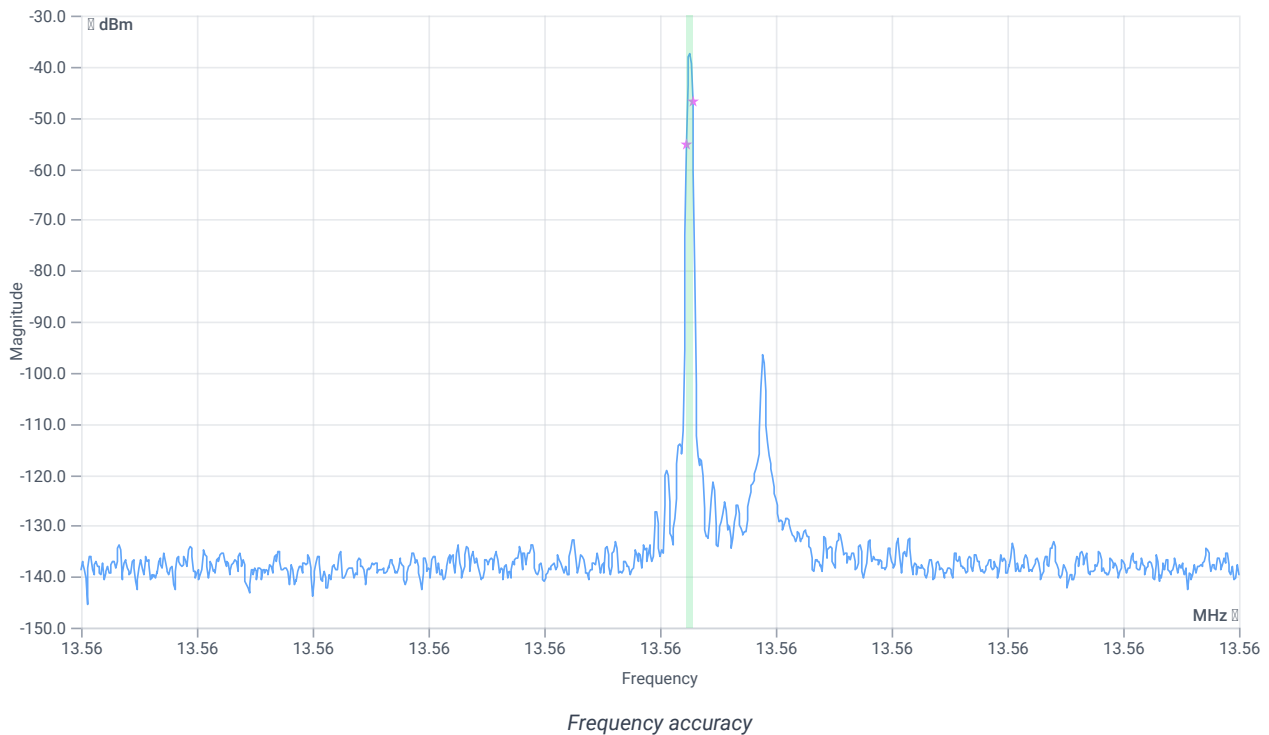
Additional path loss [dB]	0
Full path type	
Full path name	
Switch bits	
Temp Variation enabled Voltage Variation enabled	Yes No
Message start	01.08.2025 11:26:51

RESULT: Reference power with small filter

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 0.1MHz/0.1MHz	---	---	-38.73	dBm	INFO
Ref. frequency	---	---	13.560	MHz	INFO

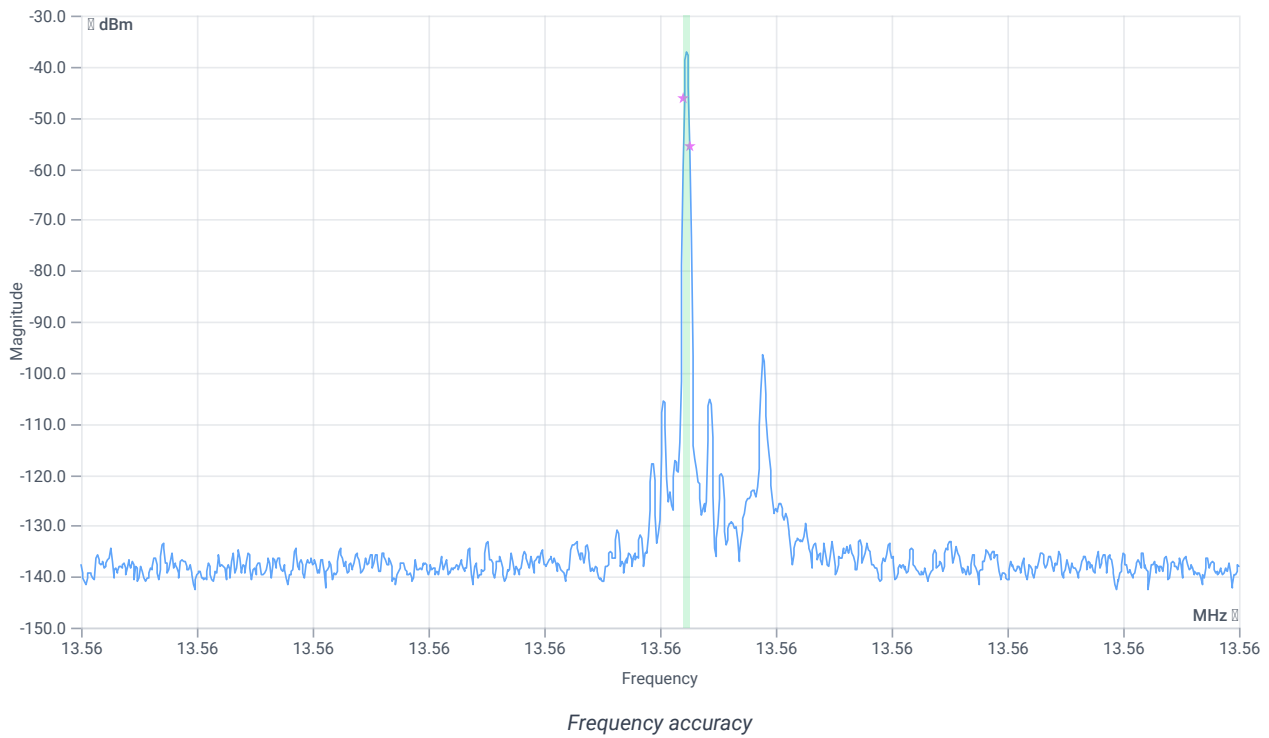
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-35.73 0 0
Start [MHz] Stop [MHz]	13.558 13.563
RBW [MHz] VBW [MHz]	0.000010 0.000100
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	5000 10 3001 SWE



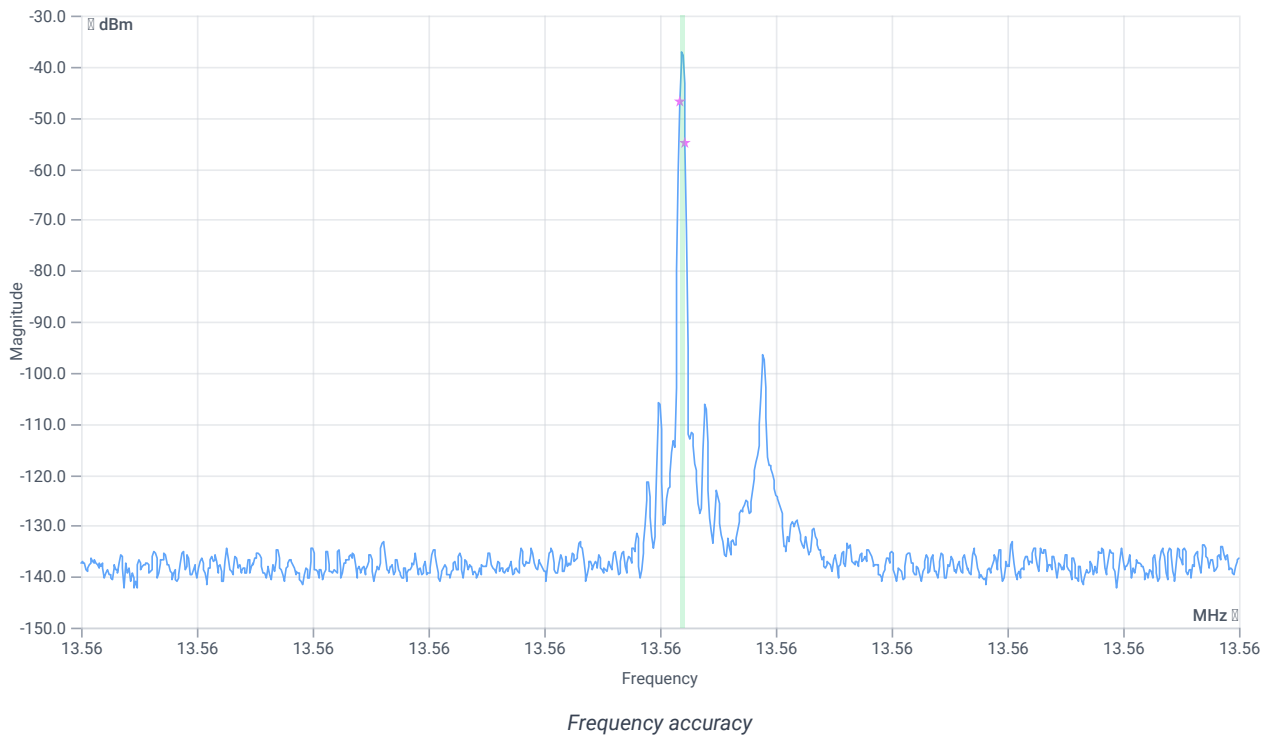
RESULT Temperature [°C]: 0 | Voltage [V]: 15

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	0.000	MHz	INFO
T1 99%	---	---	13.5601	MHz	INFO
T2 99%	---	---	13.5601	MHz	INFO
F0	---	---	13.560129	MHz	INFO
Ftarget	---	---	13.560000	MHz	INFO
Foffset	---	---	0.000129	MHz	INFO
Foffset	---	---	0.129	kHz	INFO
Foffset (abs)		100	9.54	ppm	PASS



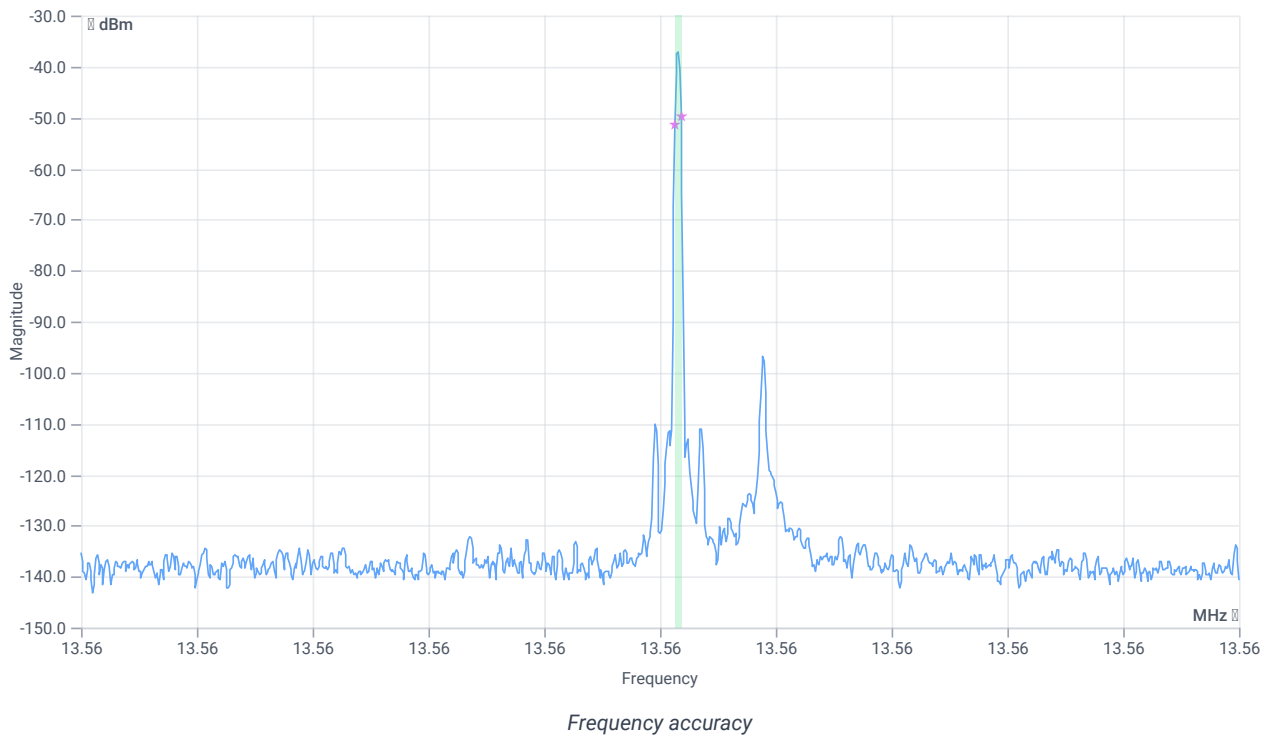
RESULT Temperature [°C]: 10 | Voltage [V]: 15

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	0.000	MHz	INFO
T1 99%	---	---	13.5601	MHz	INFO
T2 99%	---	---	13.5601	MHz	INFO
F0	---	---	13.560115	MHz	INFO
Ftarget	---	---	13.560000	MHz	INFO
Foffset	---	---	0.000115	MHz	INFO
Foffset	---	---	0.115	kHz	INFO
Foffset (abs)		100	8.49	ppm	PASS



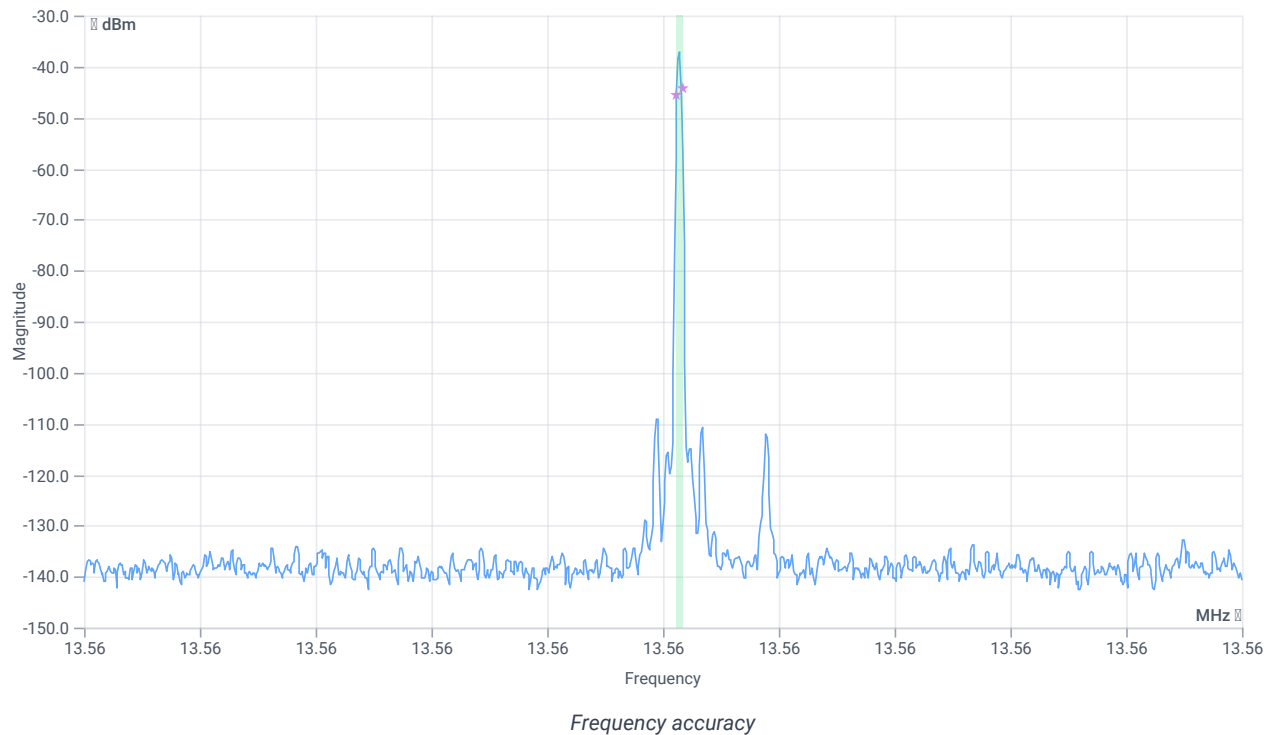
RESULT Temperature [°C]: 20 | Voltage [V]: 15

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	0.000	MHz	INFO
T1 99%	---	---	13.5601	MHz	INFO
T2 99%	---	---	13.5601	MHz	INFO
F0	---	---	13.560096	MHz	INFO
Ftarget	---	---	13.560000	MHz	INFO
Foffset	---	---	0.000096	MHz	INFO
Foffset	---	---	0.096	kHz	INFO
Foffset (abs)		100	7.05	ppm	PASS



RESULT Temperature [°C]: 30 | Voltage [V]: 15

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	0.000	MHz	INFO
T1 99%	---	---	13.5601	MHz	INFO
T2 99%	---	---	13.5601	MHz	INFO
F0	---	---	13.560078	MHz	INFO
Ftarget	---	---	13.560000	MHz	INFO
Foffset	---	---	0.000078	MHz	INFO
Foffset	---	---	0.078	kHz	INFO
Foffset (abs)		100	5.74	ppm	PASS



RESULT Temperature [°C]: 40 | Voltage [V]: 15

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	0.000	MHz	INFO
T1 99%	---	---	13.5601	MHz	INFO
T2 99%	---	---	13.5601	MHz	INFO
F0	---	---	13.560070	MHz	INFO
Ftarget	---	---	13.560000	MHz	INFO
Foffset	---	---	0.000070	MHz	INFO
Foffset	---	---	0.070	kHz	INFO
Foffset (abs)		100	5.16	ppm	PASS

Verdict
INFO

NA # Frequency accuracy over temperature and voltage ~

References

TC start	01.08.2025 10:14:39
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.2.4
Standard Version	NA NI
Method	
Description	Frequency Accuracy over Temp. and Voltage
Information	

Equipment

Signal analyzer,Rohde&Schwarz,FSW-50,1331.5003K50/101929,6.20SP1
Power supply,HEWLETT-PACKARD,E3632A,0,1.2-5.0-1.0
Climatic box,Weiss,C1000,NI,NI

Test Parameter

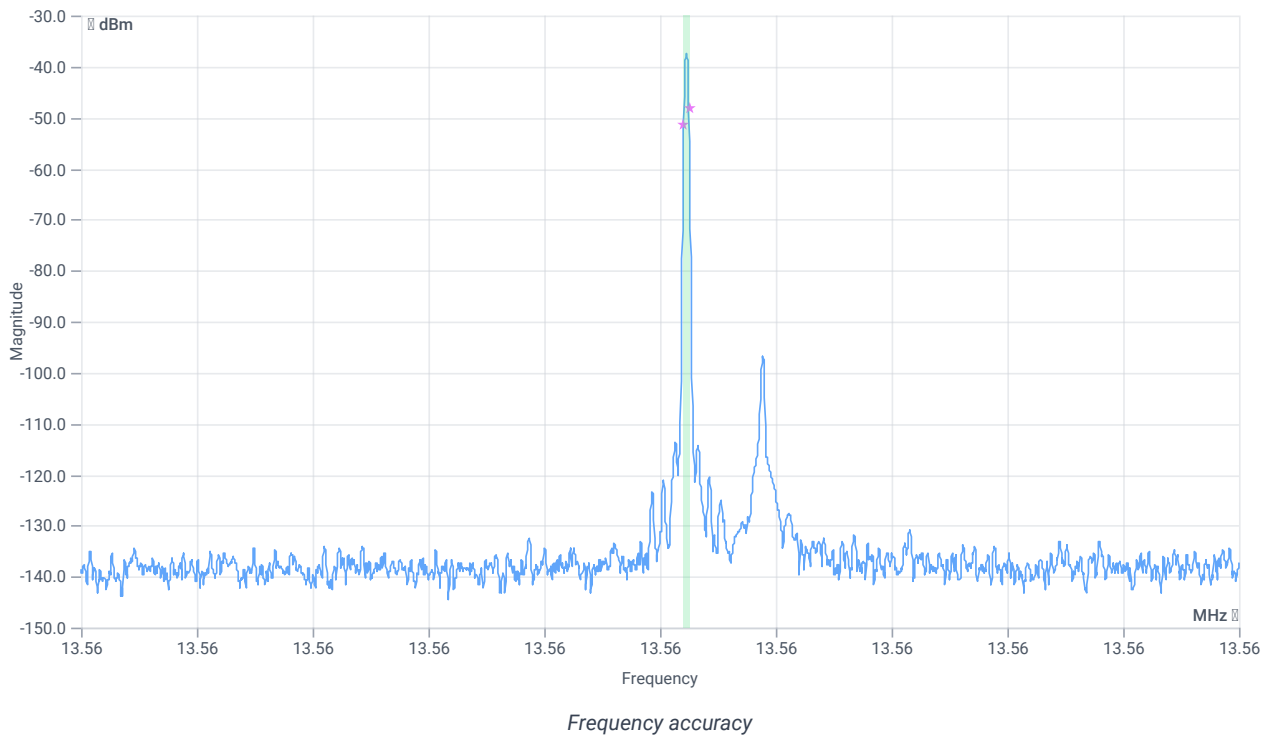
Additional path loss [dB]	0
Full path type	
Full path name	
Switch bits	
Temp Variation enabled Voltage Variation enabled	No Yes
Message start	01.08.2025 10:14:43

RESULT: Reference power with small filter

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 0.1MHz/0.1MHz	---	---	-38.72	dBm	INFO
Ref. frequency	---	---	13.560	MHz	INFO

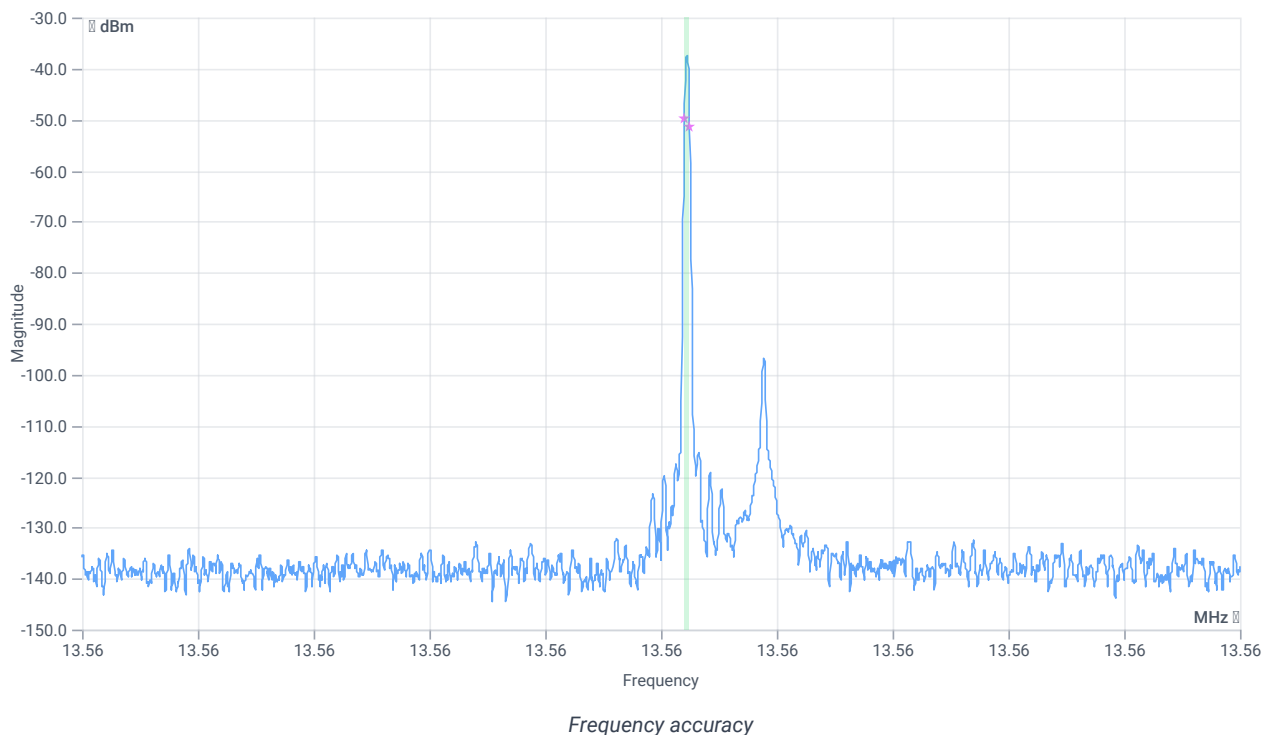
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-35.72 0 0
Start [MHz] Stop [MHz]	13.558 13.563
RBW [MHz] VBW [MHz]	0.000010 0.000100
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	5000 10 3001 SWE



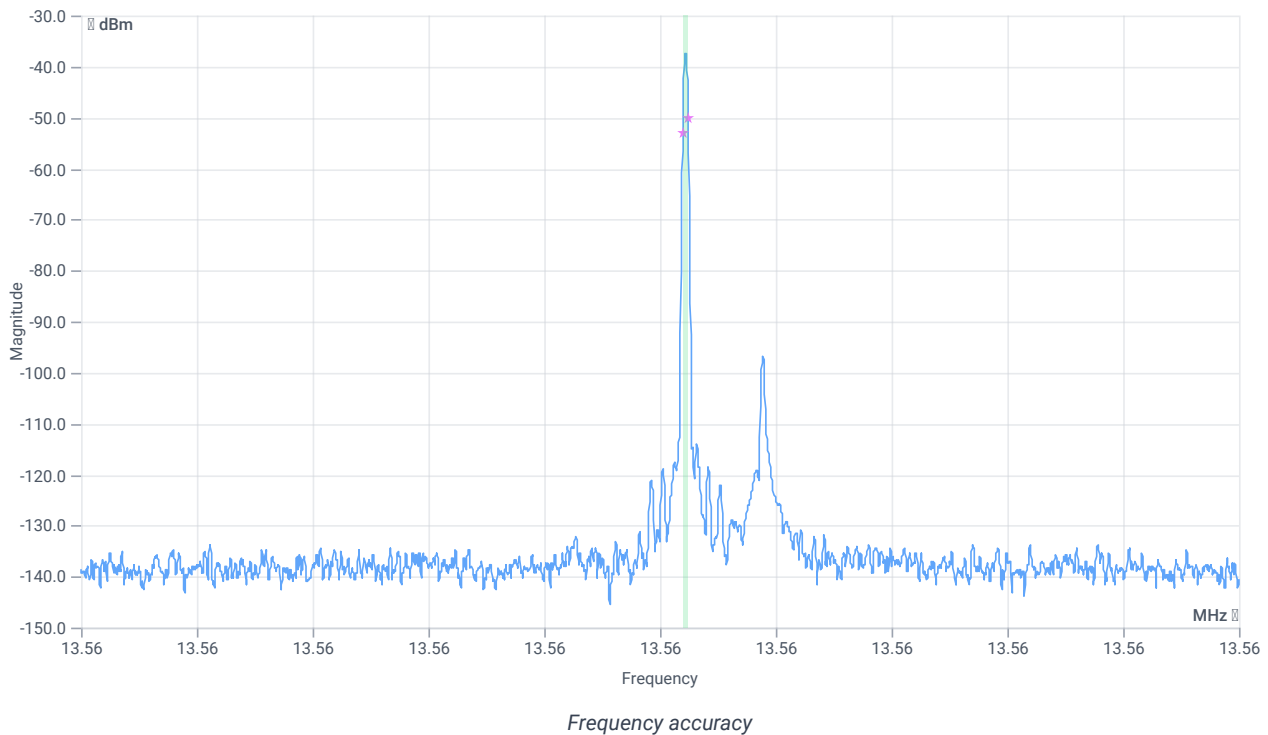
RESULT Temperature [°C]: 20 | Voltage [V]: 15

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	0.000	MHz	INFO
T1 99%	---	---	13.5601	MHz	INFO
T2 99%	---	---	13.5601	MHz	INFO
F0	---	---	13.560114	MHz	INFO
Ftarget	---	---	13.560000	MHz	INFO
Foffset	---	---	0.000114	MHz	INFO
Foffset	---	---	0.114	kHz	INFO
Foffset (abs)		100	8.43	ppm	PASS



RESULT Temperature [°C]: 20 | Voltage [V]: 12.75

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	0.000	MHz	INFO
T1 99%	---	---	13.5601	MHz	INFO
T2 99%	---	---	13.5601	MHz	INFO
F0	---	---	13.560113	MHz	INFO
Ftarget	---	---	13.560000	MHz	INFO
Foffset	---	---	0.000113	MHz	INFO
Foffset	---	---	0.113	kHz	INFO
Foffset (abs)		100	8.32	ppm	PASS



RESULT Temperature [°C]: 20 | Voltage [V]: 27.6

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	0.000	MHz	INFO
T1 99%	---	---	13.5601	MHz	INFO
T2 99%	---	---	13.5601	MHz	INFO
F0	---	---	13.560111	MHz	INFO
Ftarget	---	---	13.560000	MHz	INFO
Foffset	---	---	0.000111	MHz	INFO
Foffset	---	---	0.111	kHz	INFO
Foffset (abs)		100	8.16	ppm	PASS

Verdict

INFO

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