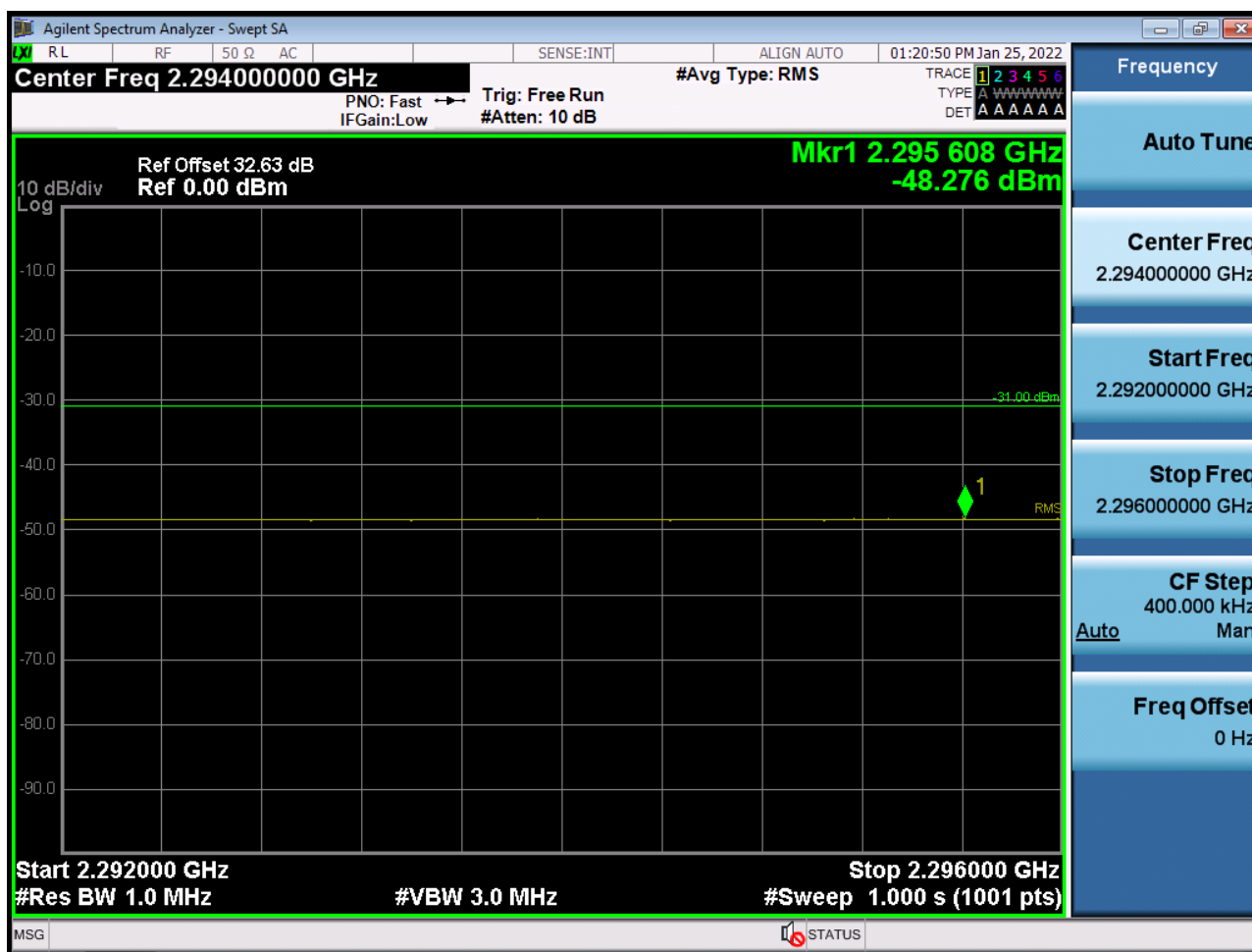


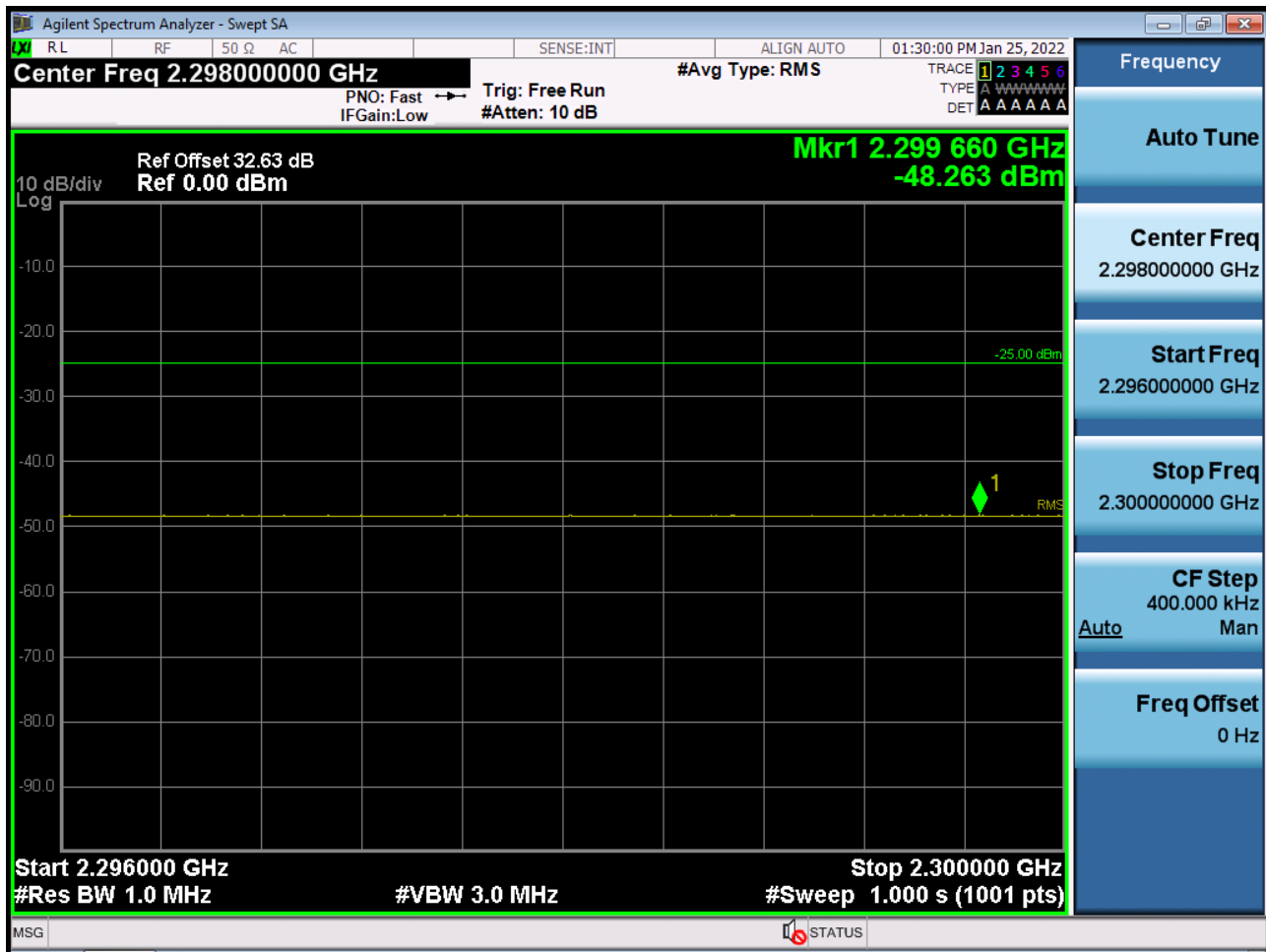
BAND 40. 5 M_BandEdge(Upper Side)(2292 MHz-2296 MHz)_2352.5 MHz_FullIRB



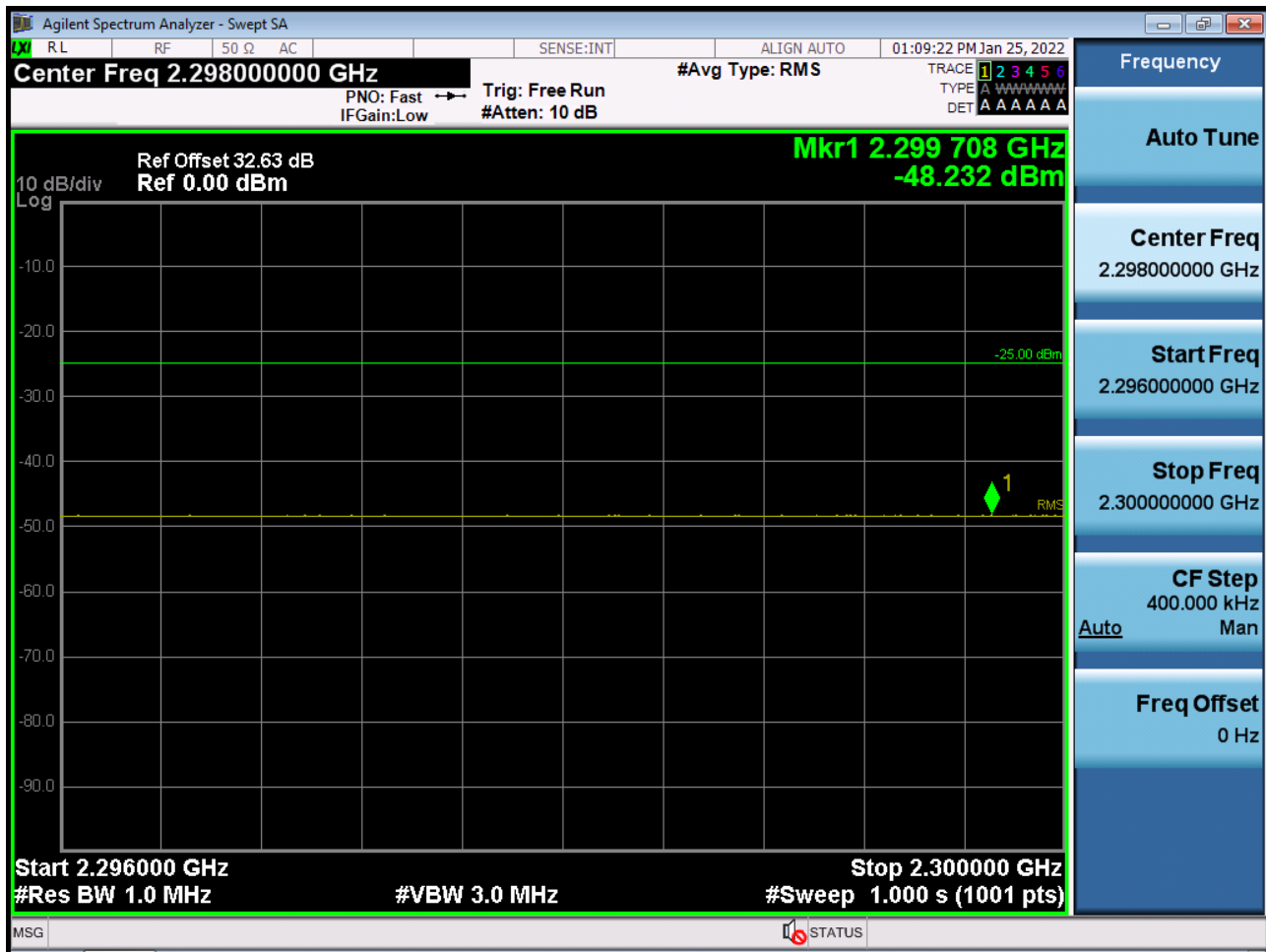
BAND 40. 5 M_BandEdge(Upper Side)(2292 MHz-2296 MHz)_2355 MHz_FullIRB



BAND 40. 5 M_BandEdge(Upper Side)(2296 MHz-2300 MHz)_2357.5 MHz_FullIRB



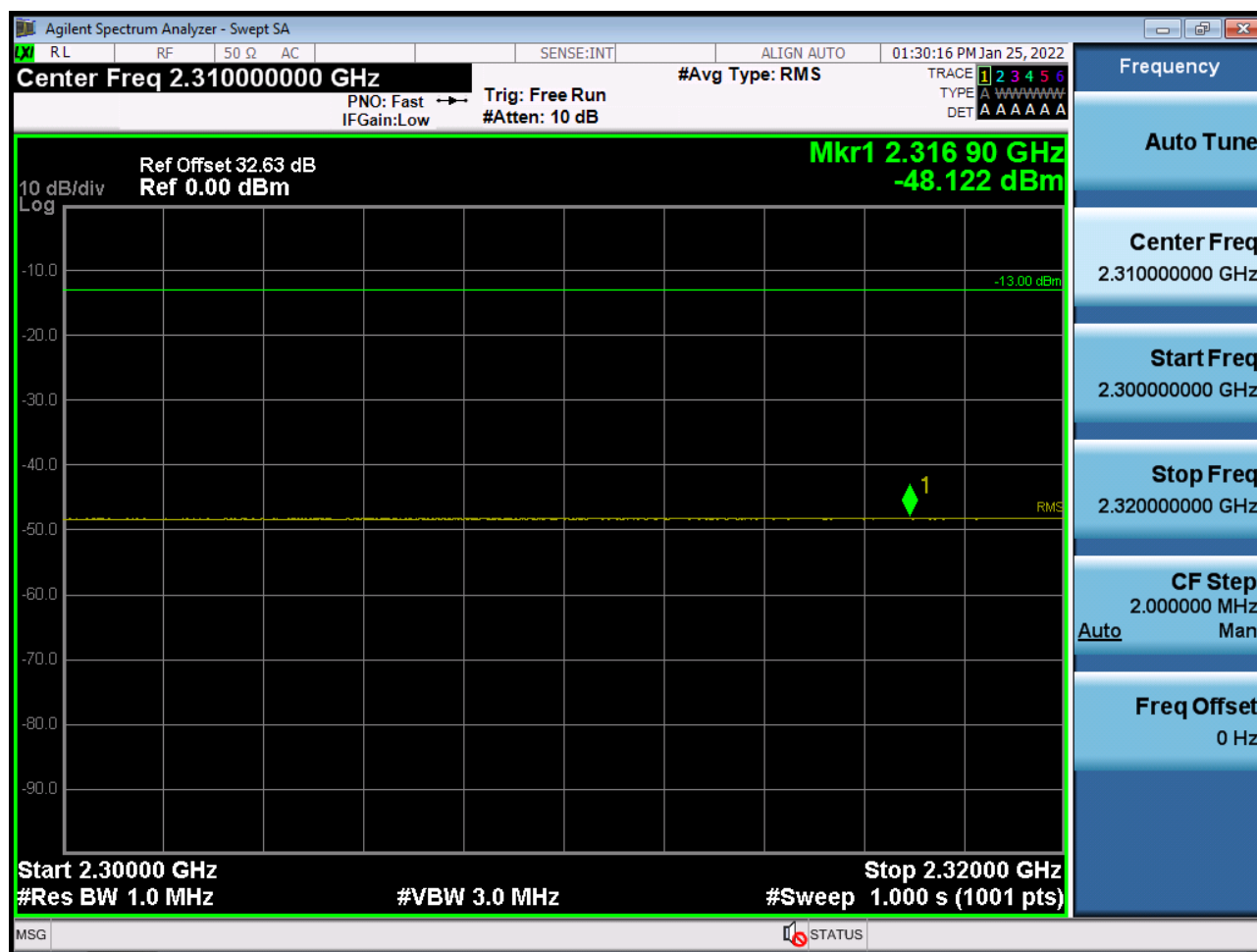
BAND 40. 5 M_BandEdge(Upper Side)(2296 MHz-2300 MHz)_2352.5 MHz_FullIRB



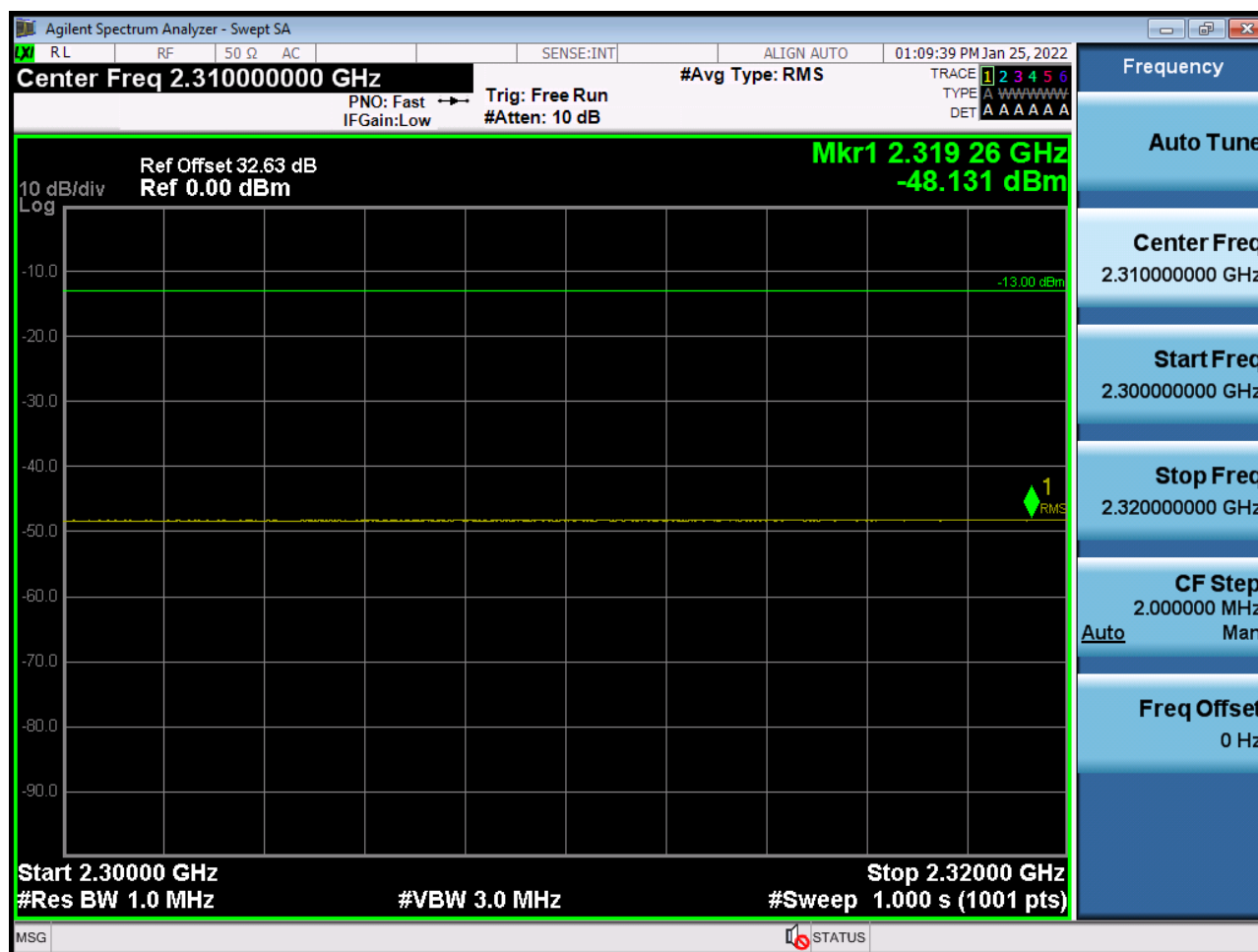
BAND 40. 5 M_BandEdge(Upper Side)(2296 MHz-2300 MHz)_2355 MHz_FullRB



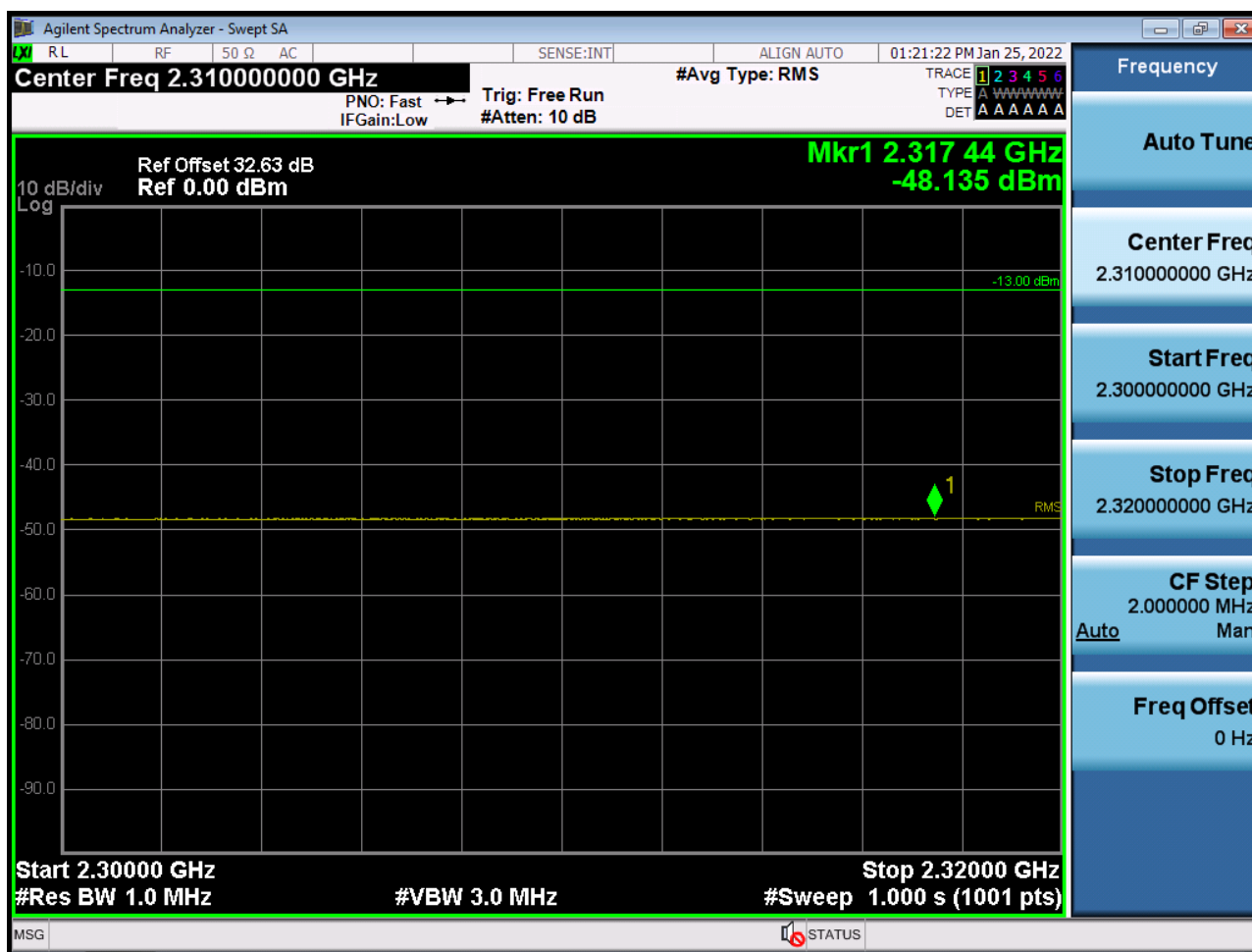
BAND 40. 5 M_BandEdge(Upper Side)(2300 MHz-2320 MHz)_2357.5 MHz_FullIRB



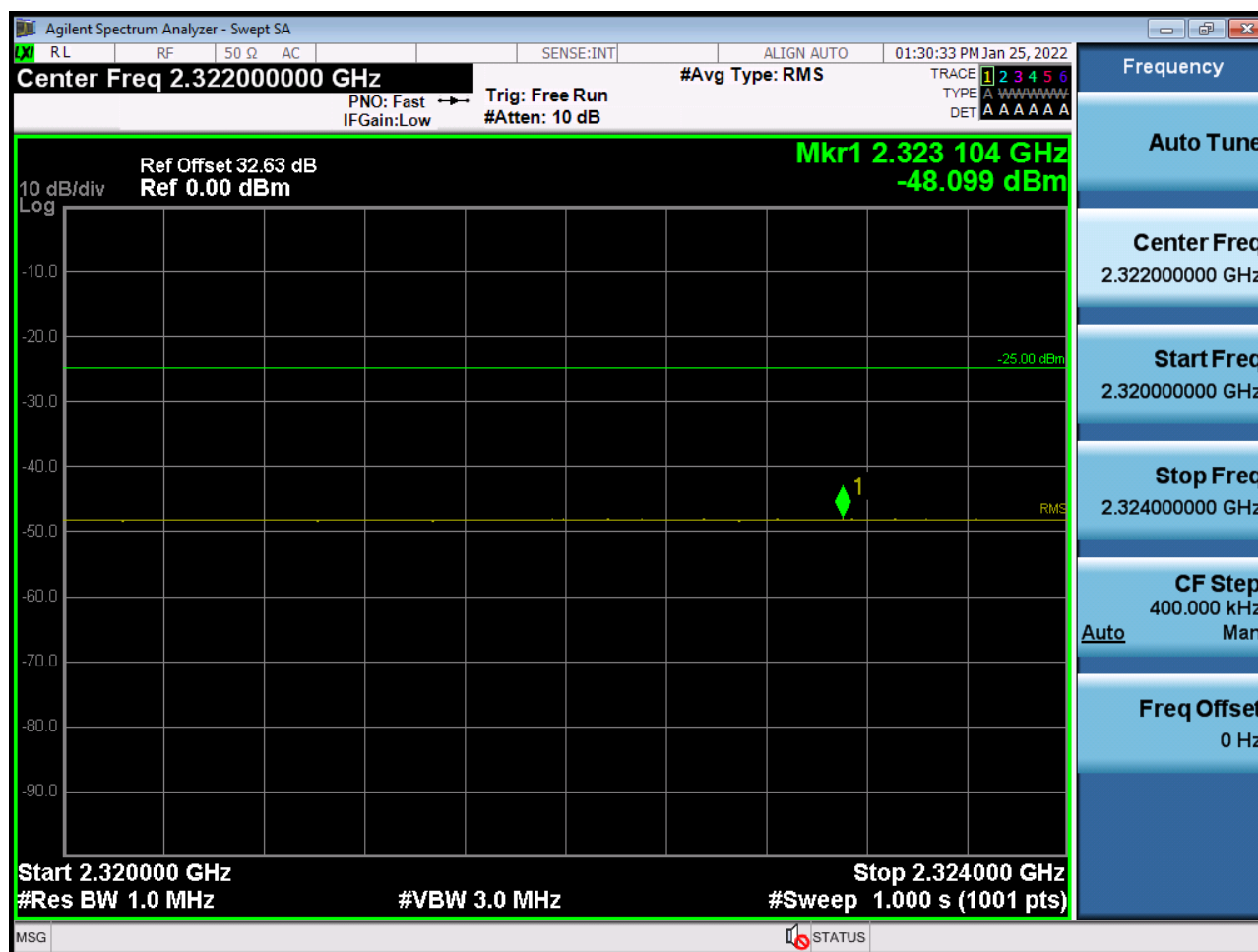
BAND 40. 5 M_BandEdge(Upper Side)(2300 MHz-2320 MHz)_2352.5 MHz_FullIRB



BAND 40. 5 M_BandEdge(Upper Side)(2300 MHz-2320 MHz)_2355 MHz_FullIRB



BAND 40. 5 M_BandEdge(Upper Side)(2320 MHz-2324 MHz)_2357.5 MHz_FullRB



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:09:56 PM Jan 25, 2022

Center Freq 2.322000000 GHz #Avg Type: RMS

PNO: Fast Trig: Free Run
IFGain:Low #Atten: 10 dB

TRACE 1 2 3 4 5 6
TYPE A W W W W W W W W
DET A A A A A A A

Ref Offset 32.63 dB
Ref 0.00 dBm

Mkr1 2.323 700 GHz
-48.073 dBm

10 dB/div
Log

-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0

-25.00 dBm

1 RMS

Start 2.320000 GHz **Stop 2.324000 GHz**
#Res BW 1.0 MHz **#VBW 3.0 MHz** **#Sweep 1.000 s (1001 pts)**

MSG STATUS

Frequency

Auto Tune

Center Freq
2.322000000 GHz

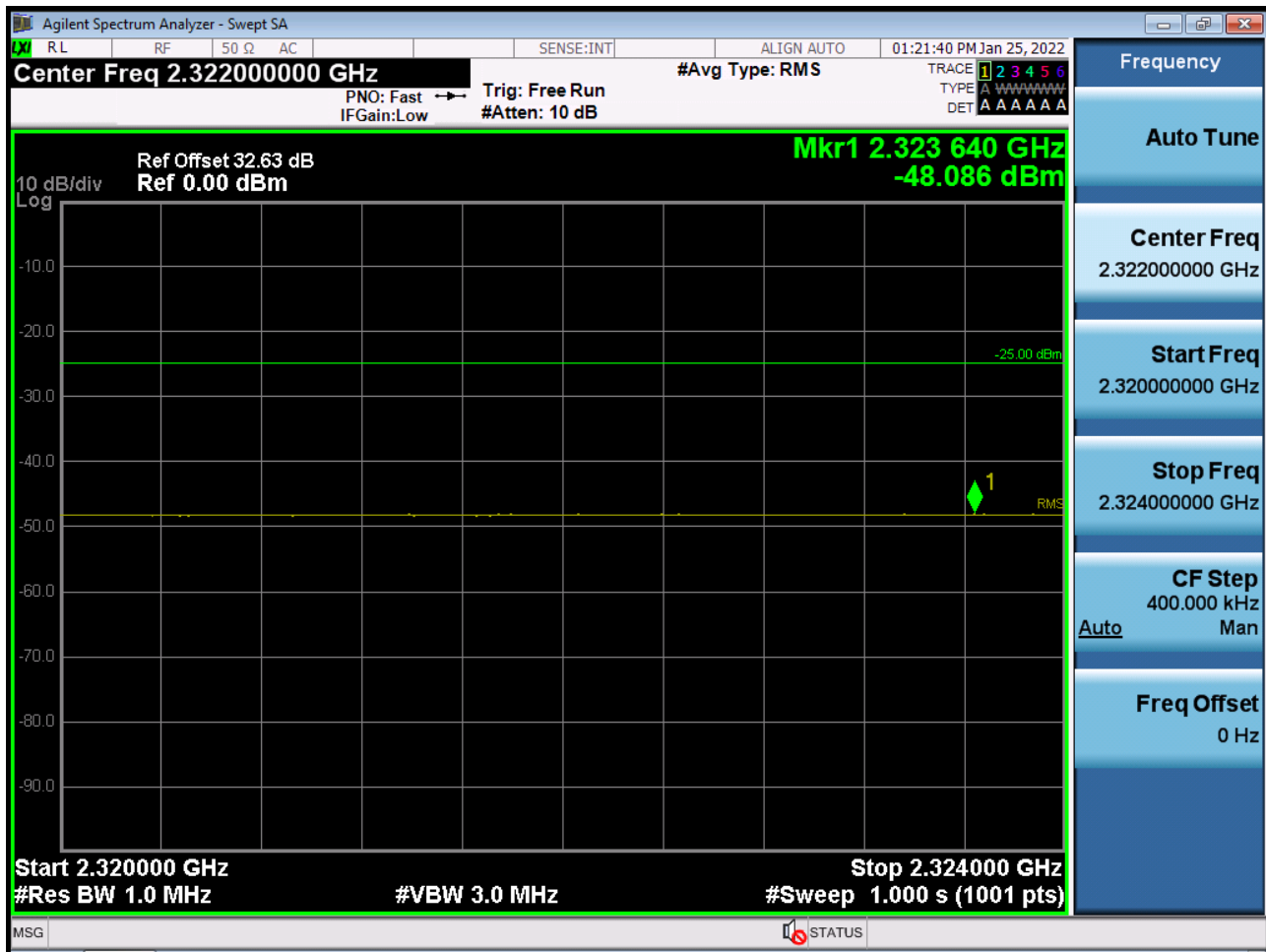
Start Freq
2.320000000 GHz

Stop Freq
2.324000000 GHz

CF Step
400.000 kHz
Auto Man

Freq Offset
0 Hz

BAND 40. 5 M_BandEdge(Upper Side)(2320 MHz-2324 MHz)_2355 MHz_FullRB



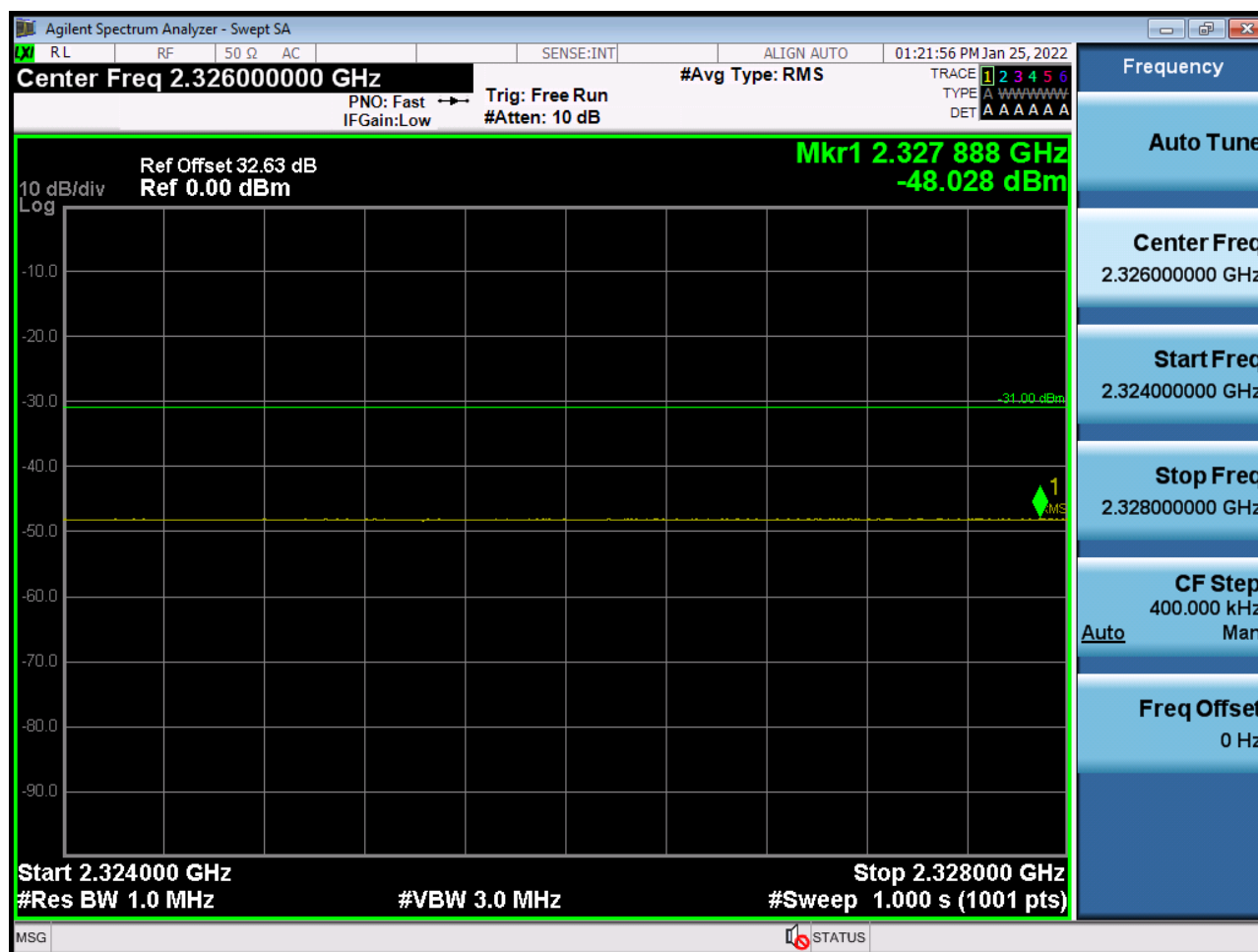
BAND 40. 5 M_BandEdge(Upper Side)(2324 MHz-2328 MHz)_2357.5 MHz_FullIRB



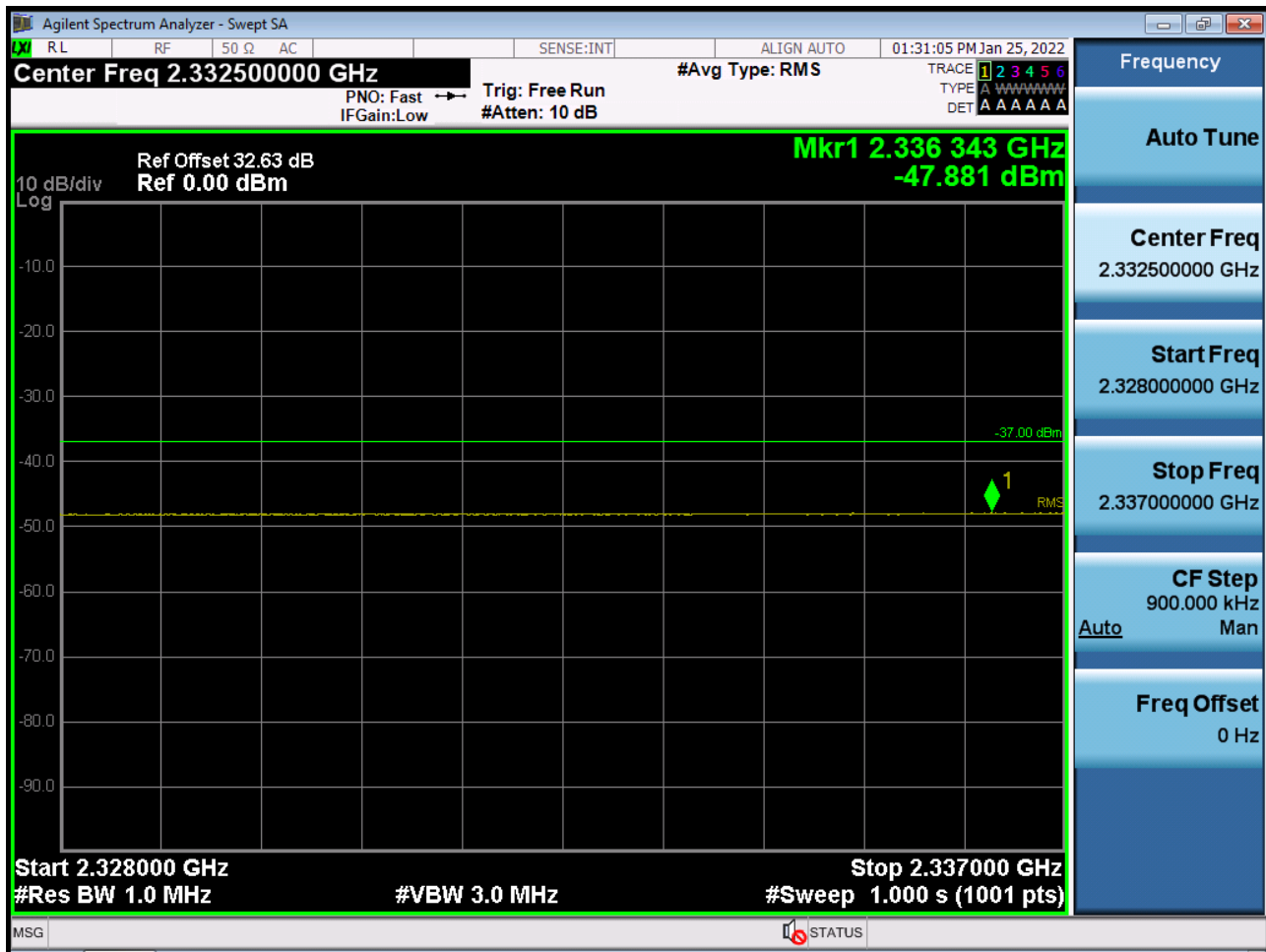
BAND 40. 5 M_BandEdge(Upper Side)(2324 MHz-2328 MHz)_2352.5 MHz_FullIRB



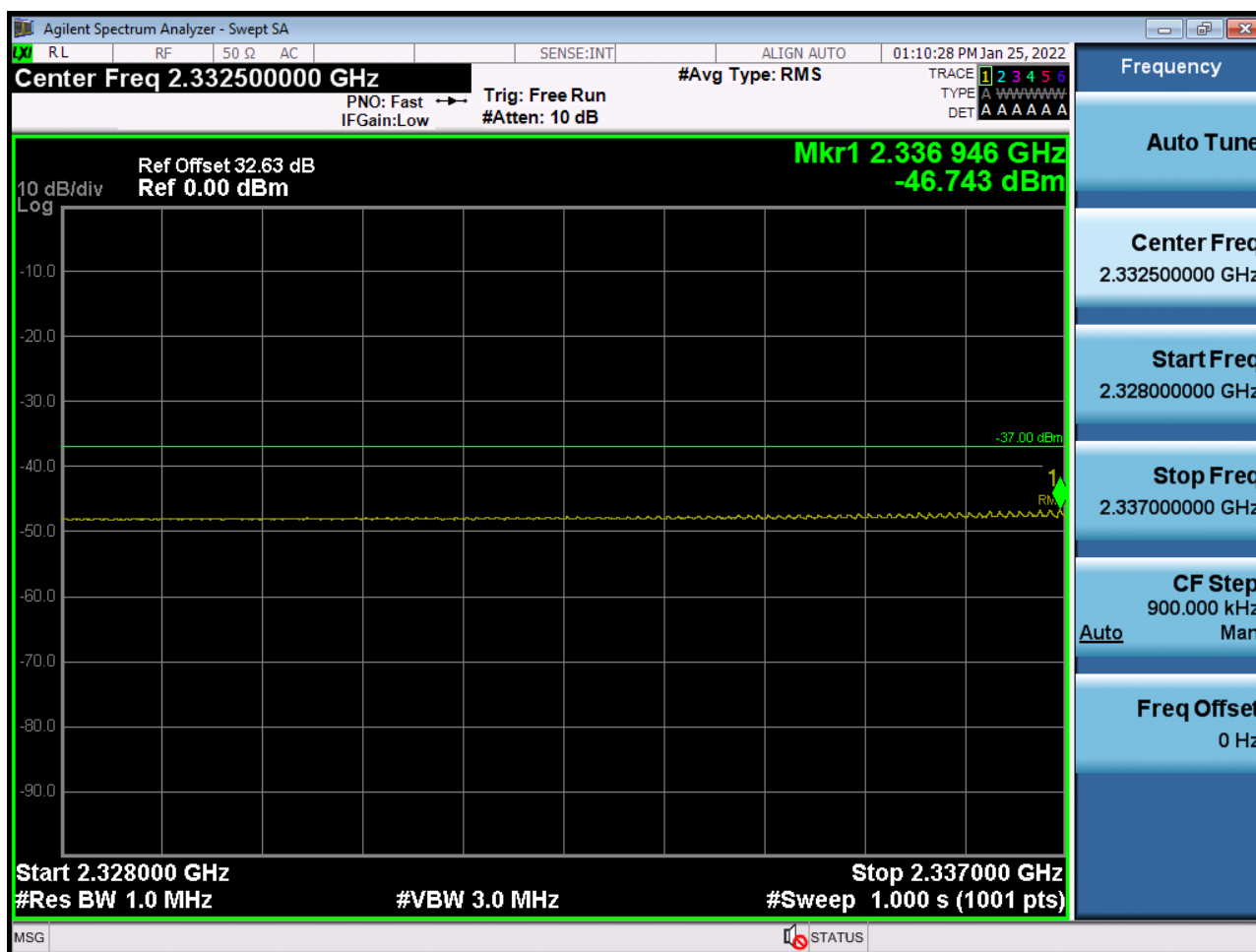
BAND 40. 5 M_BandEdge(Upper Side)(2324 MHz-2328 MHz)_2355 MHz_FullIRB



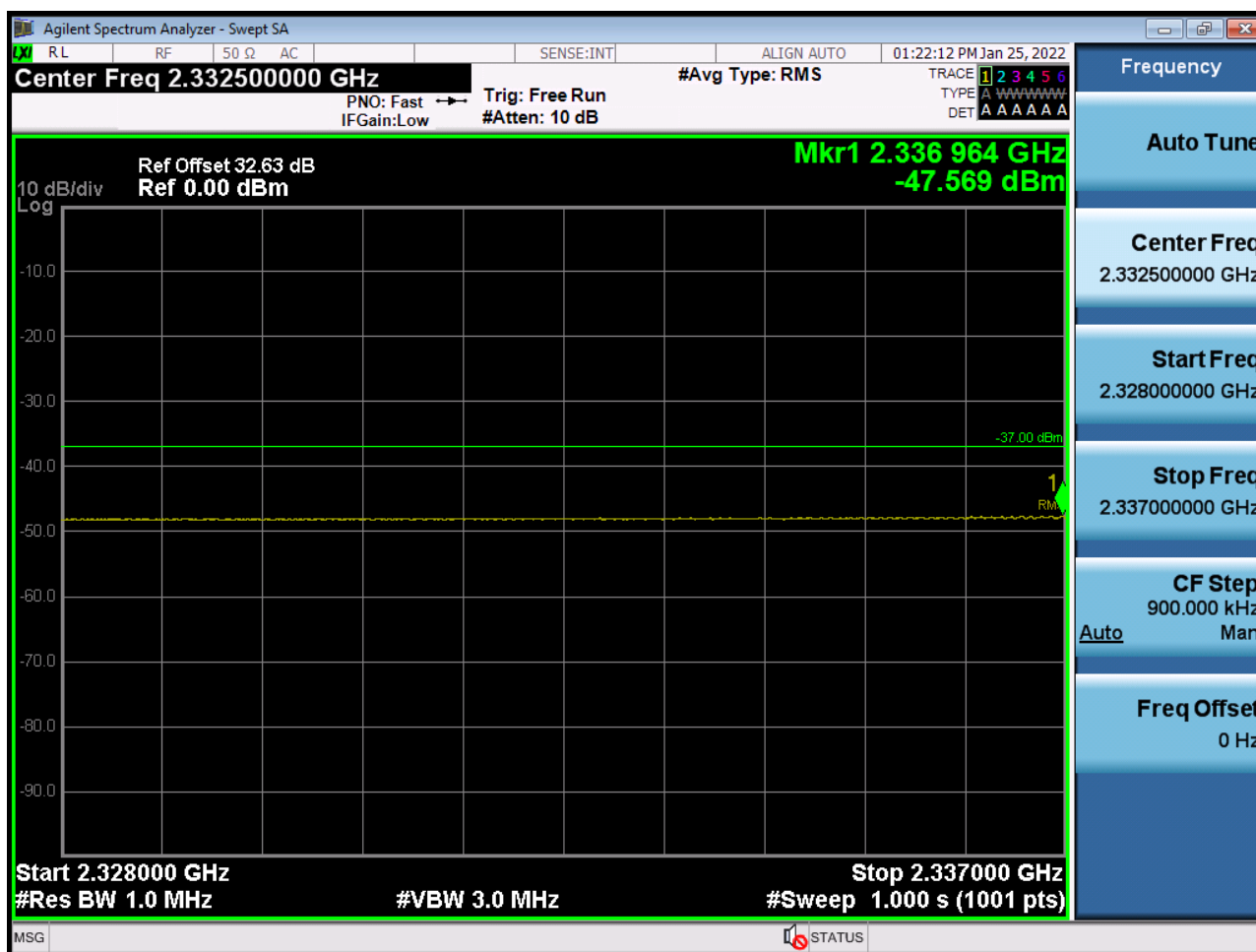
BAND 40. 5 M_BandEdge(Upper Side)(2328 MHz-2337 MHz)_2357.5 MHz_FullIRB



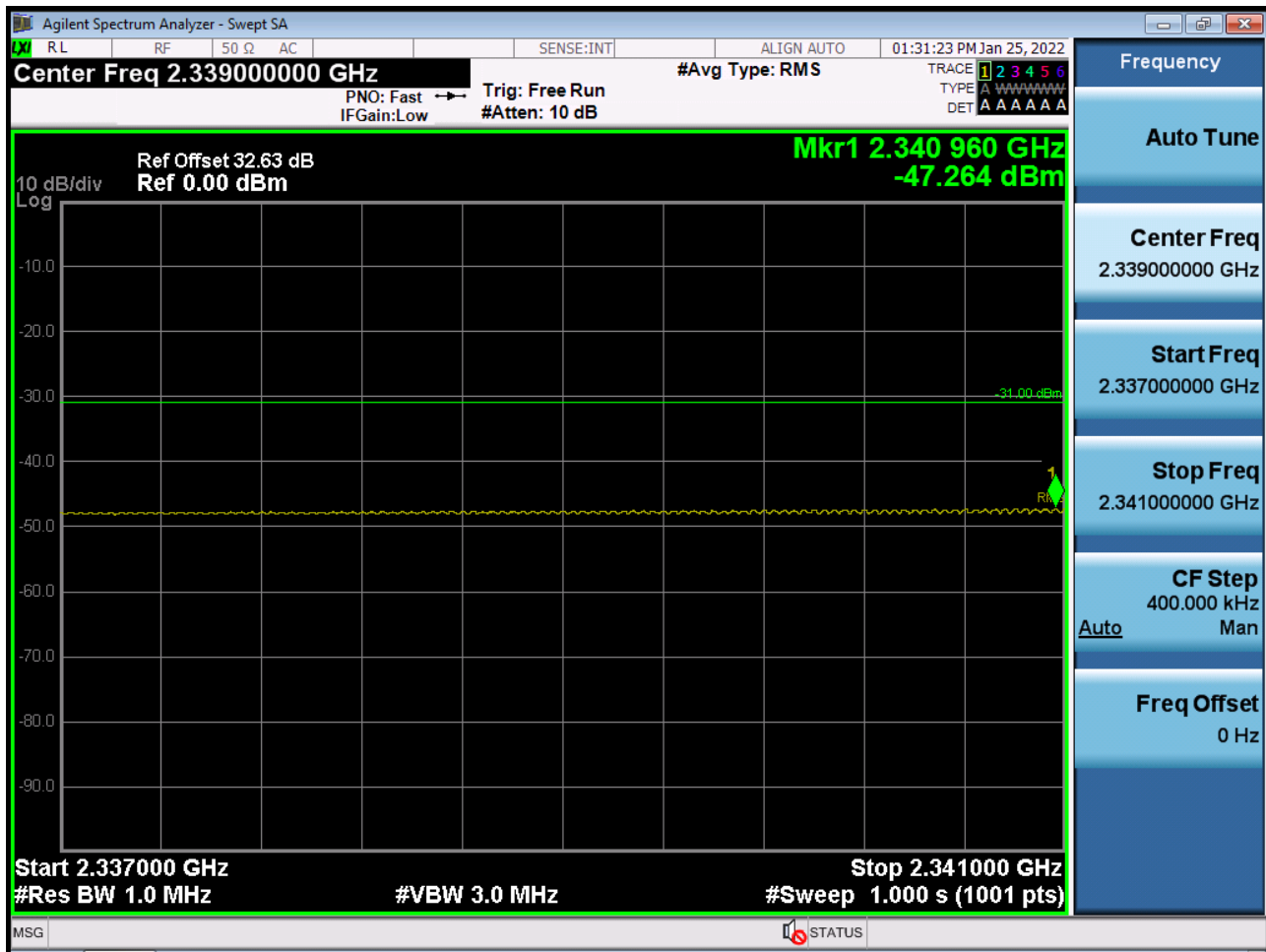
BAND 40. 5 M_BandEdge(Upper Side)(2328 MHz-2337 MHz)_2352.5 MHz_FullIRB



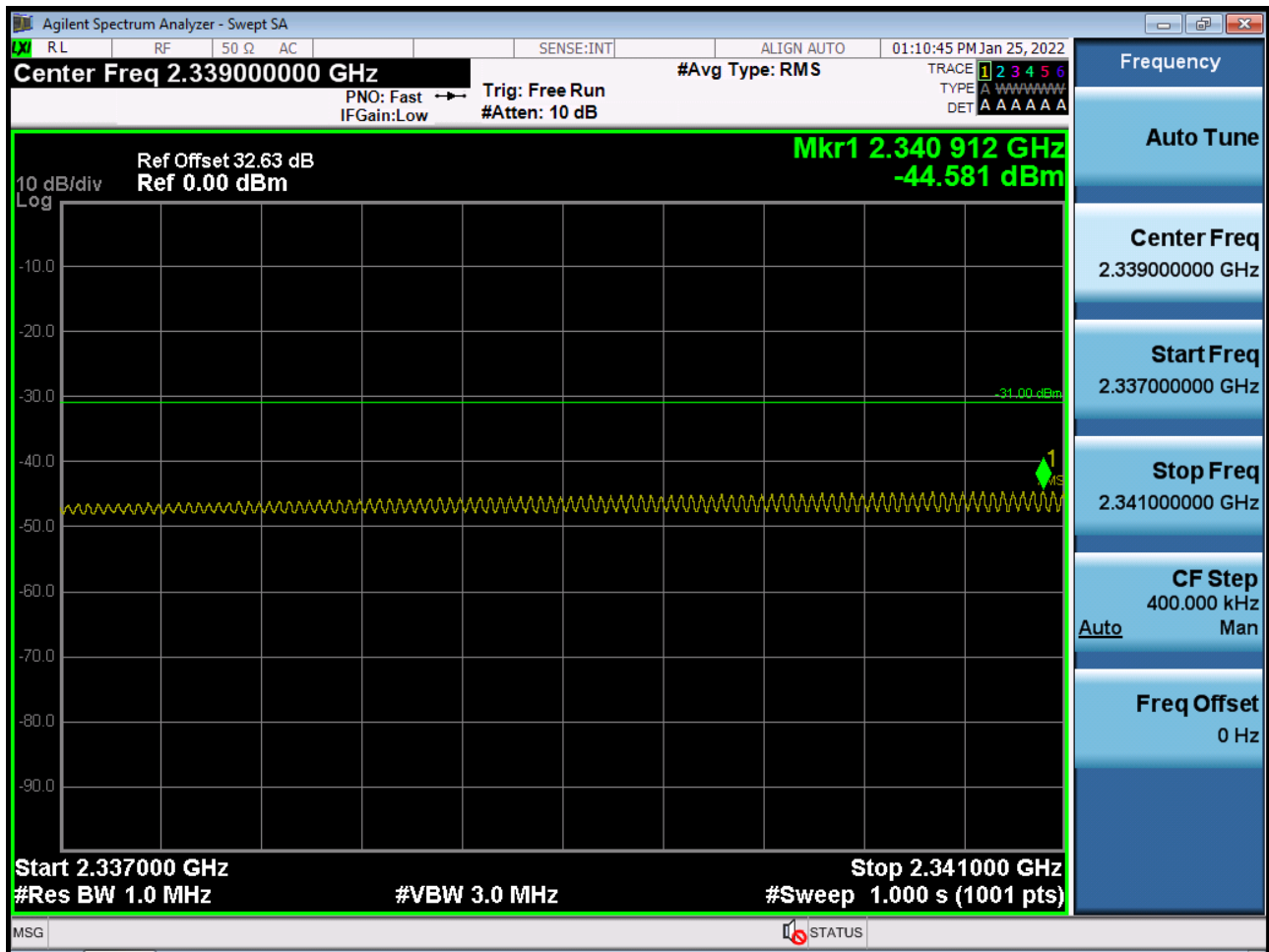
BAND 40. 5 M_BandEdge(Upper Side)(2328 MHz-2337 MHz)_2355 MHz_FullIRB



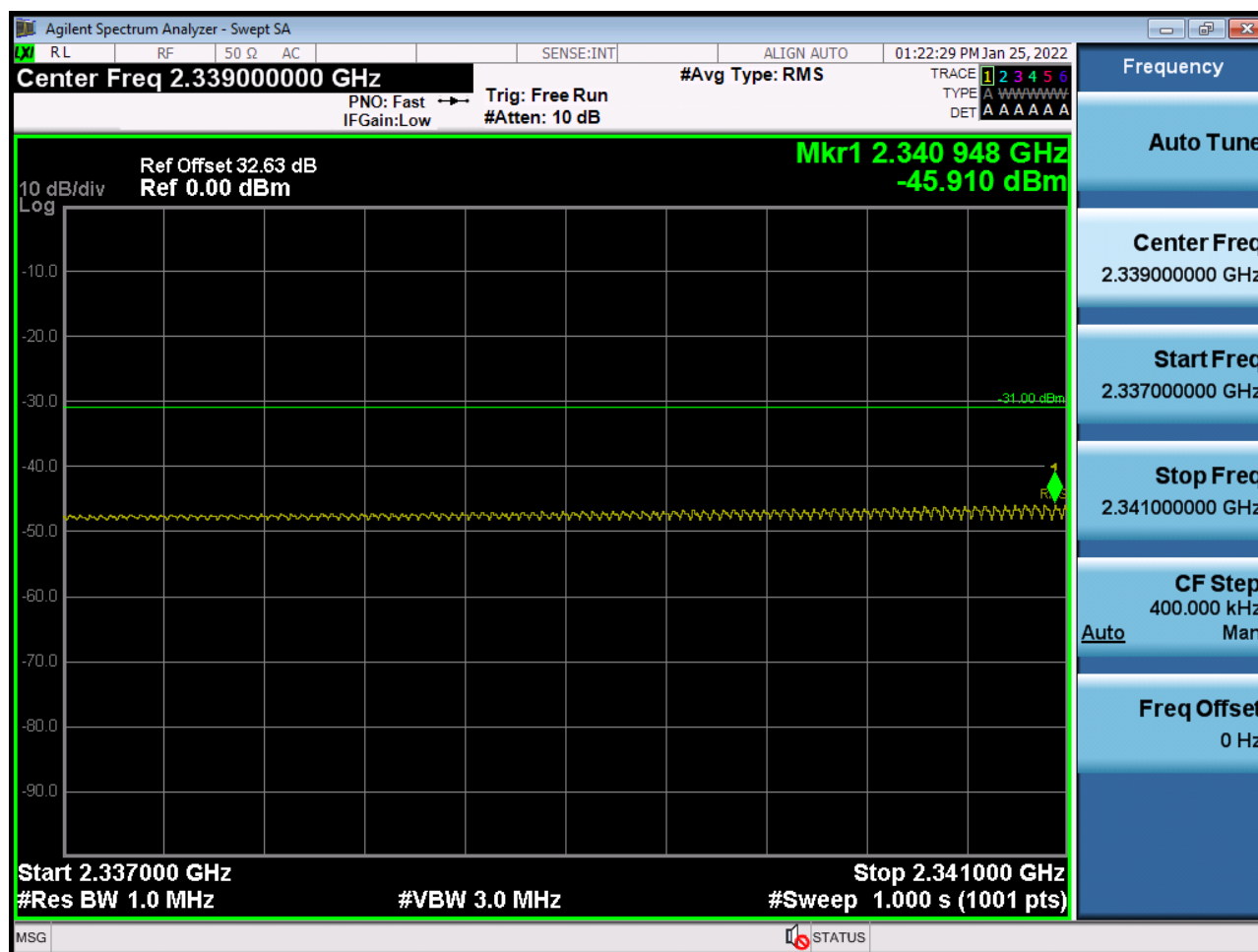
BAND 40. 5 M_BandEdge(Upper Side)(2337 MHz-2341 MHz)_2357.5 MHz_FullIRB



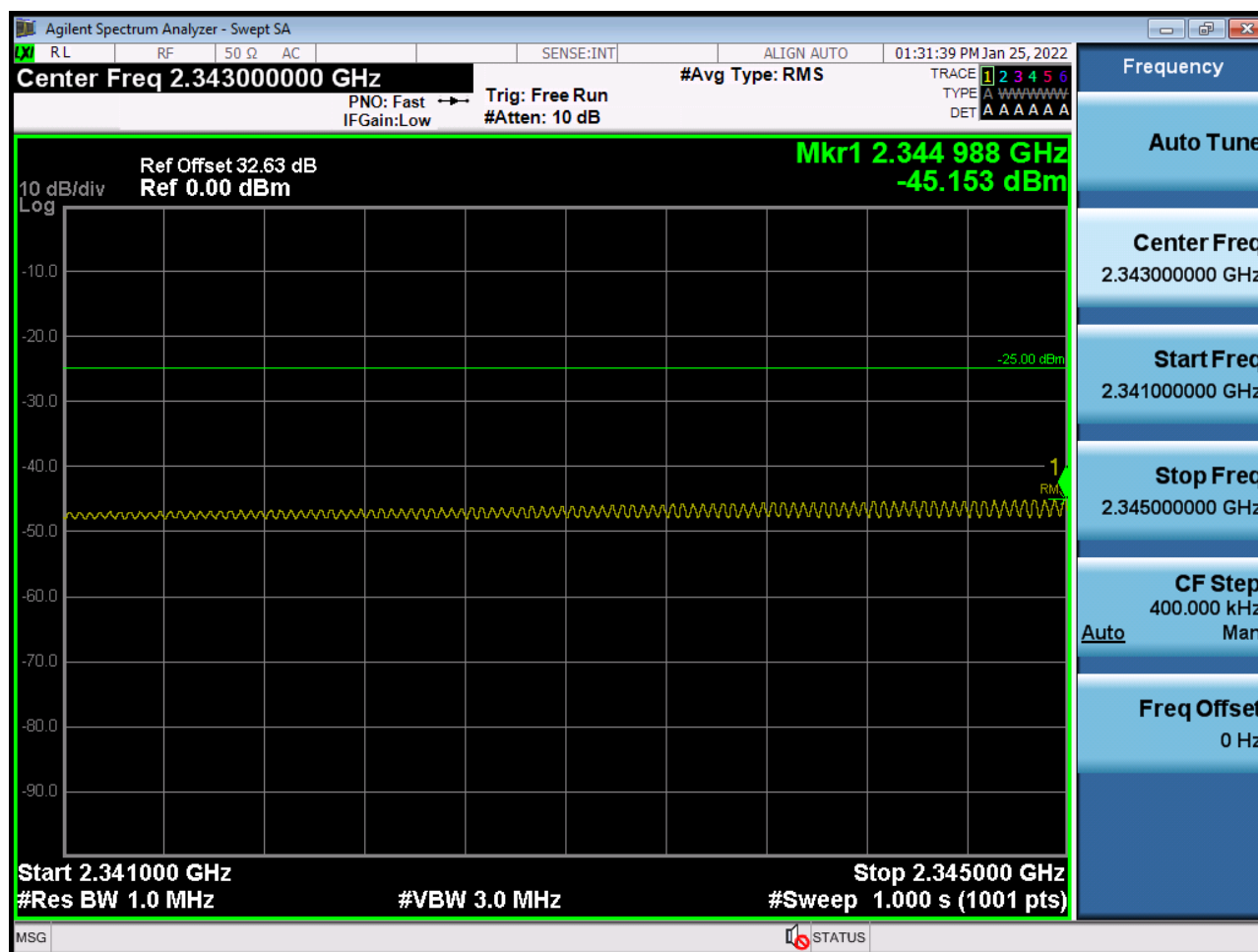
BAND 40. 5 M_BandEdge(Upper Side)(2337 MHz-2341 MHz)_2352.5 MHz_FullIRB



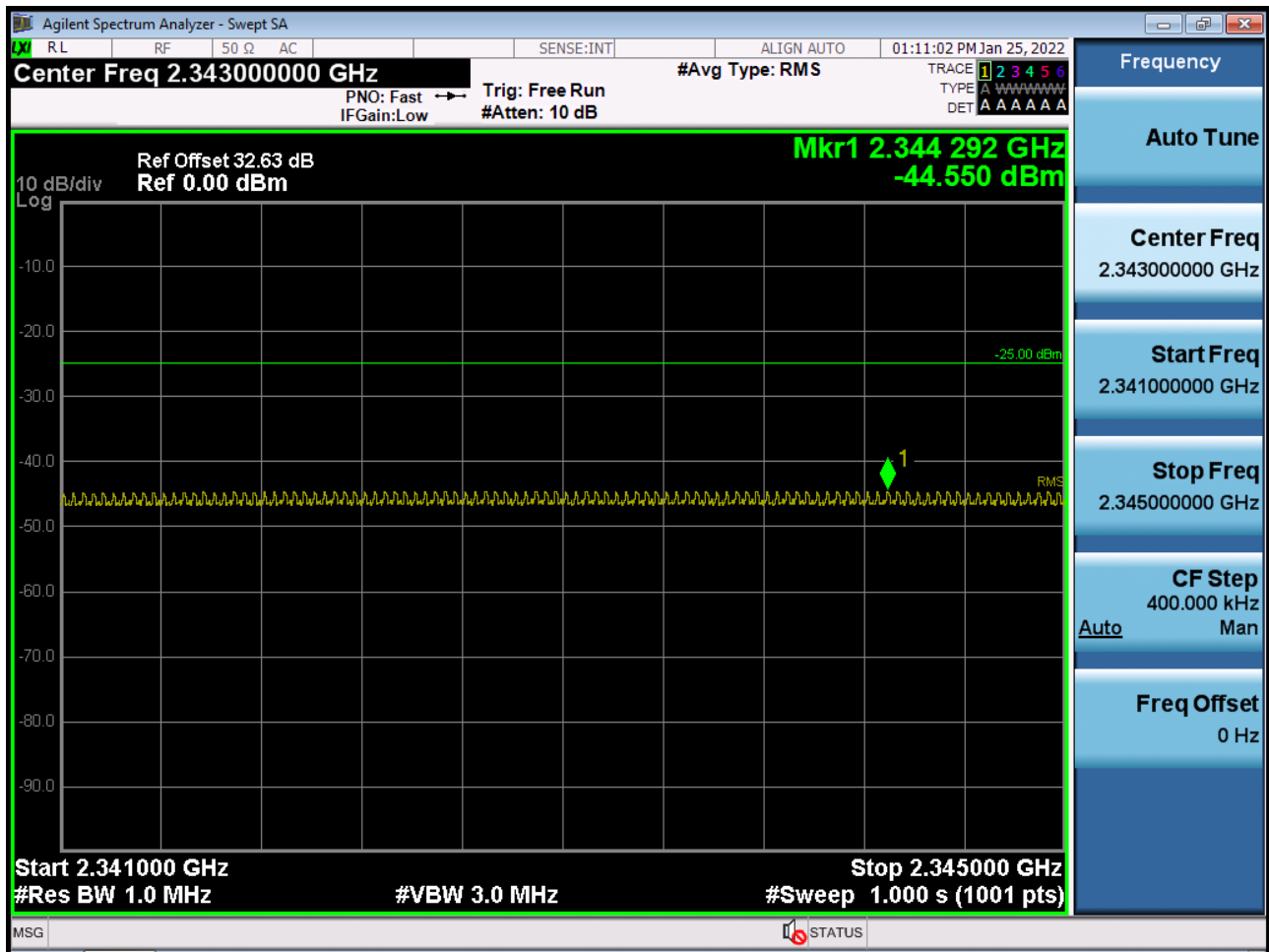
BAND 40. 5 M_BandEdge(Upper Side)(2337 MHz-2341 MHz)_2355 MHz_FullIRB



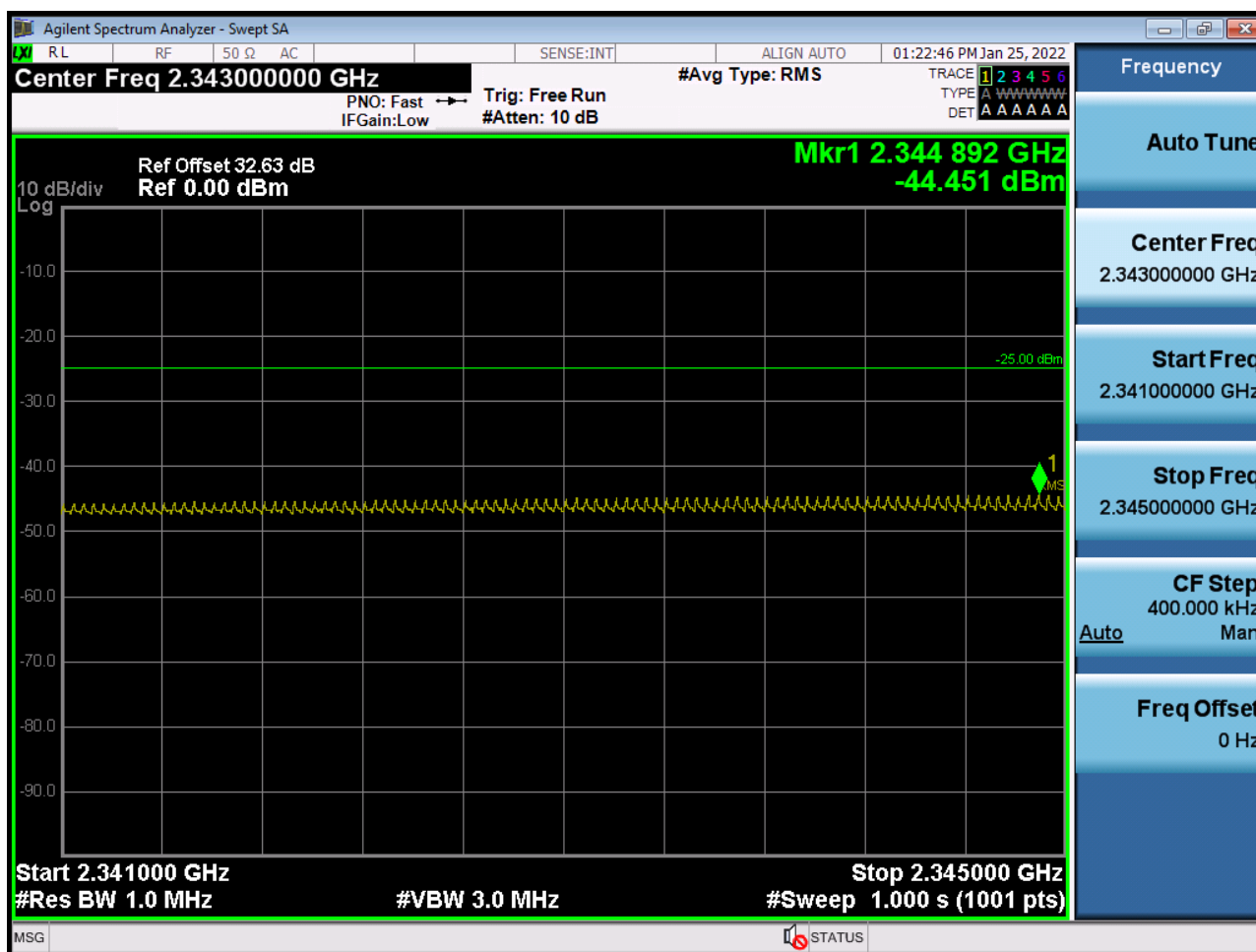
BAND 40. 5 M_BandEdge(Upper Side)(2341 MHz-2345 MHz)_2357.5 MHz_FullIRB



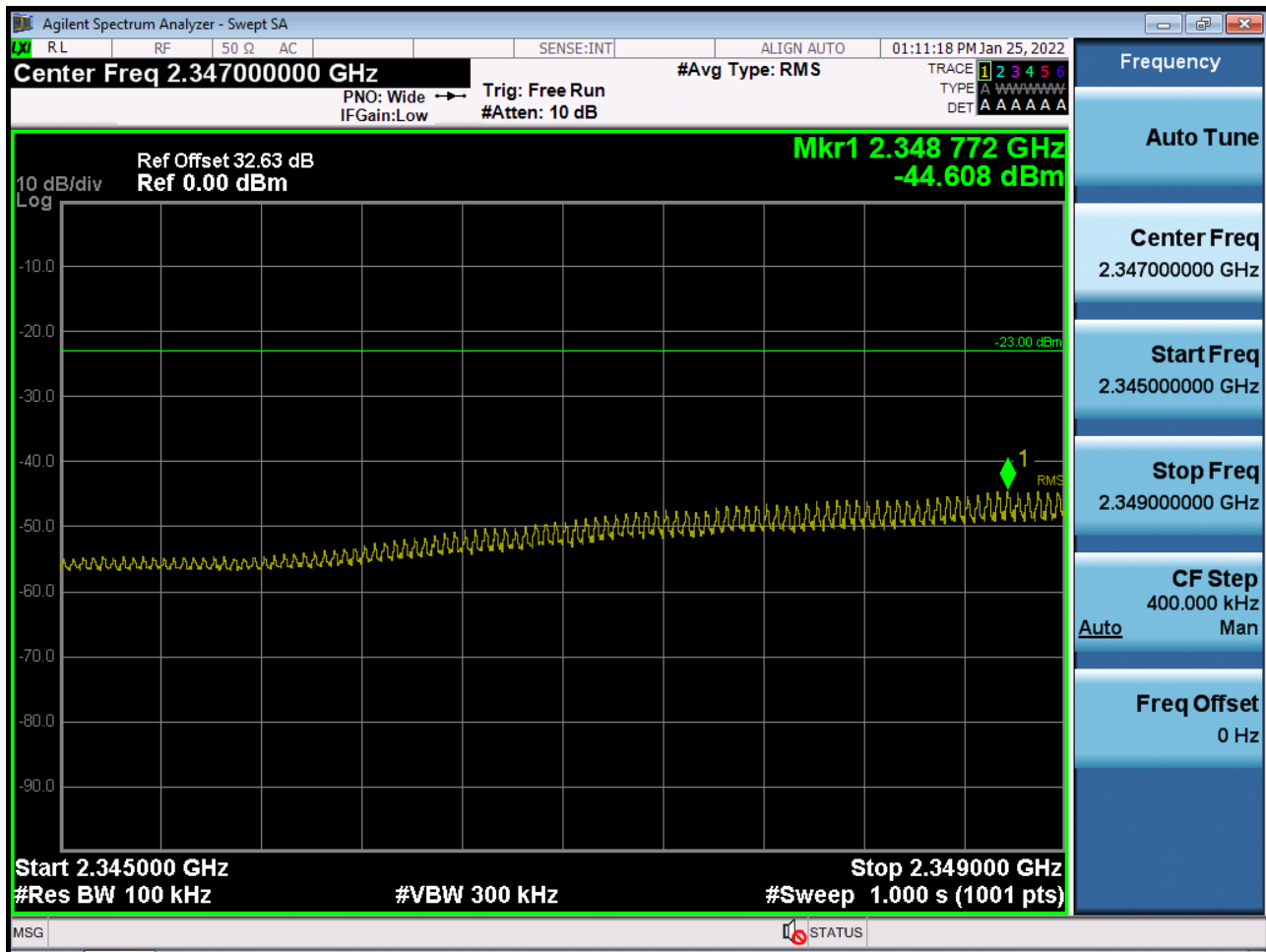
BAND 40. 5 M_BandEdge(Upper Side)(2341 MHz-2345 MHz)_2352.5 MHz_FullIRB



BAND 40. 5 M_BandEdge(Upper Side)(2341 MHz-2345 MHz)_2355 MHz_FullRB



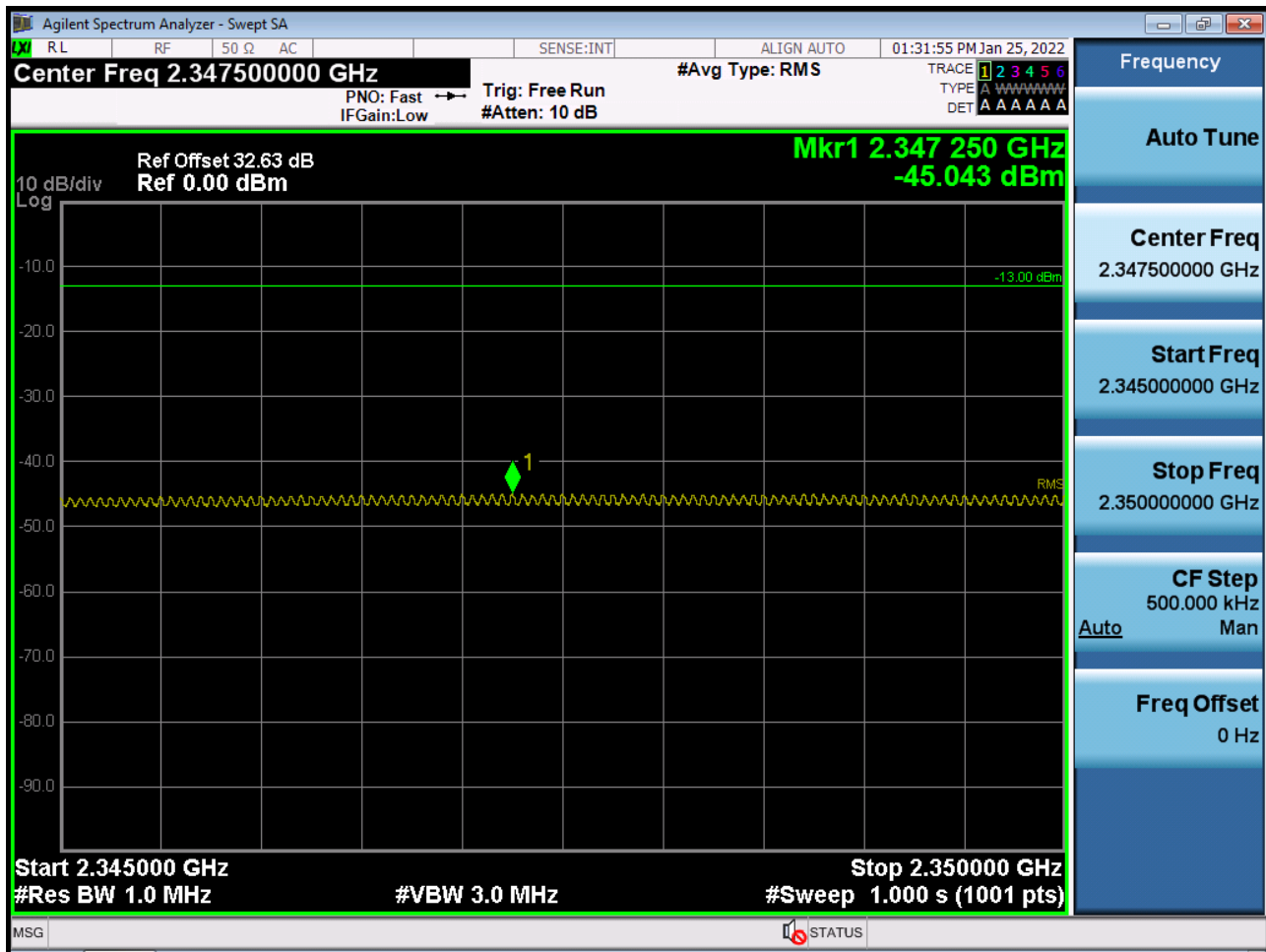
BAND 40. 5 M_BandEdge(Upper Side)(2345 MHz-2349 MHz)_2352.5 MHz_FullIRB



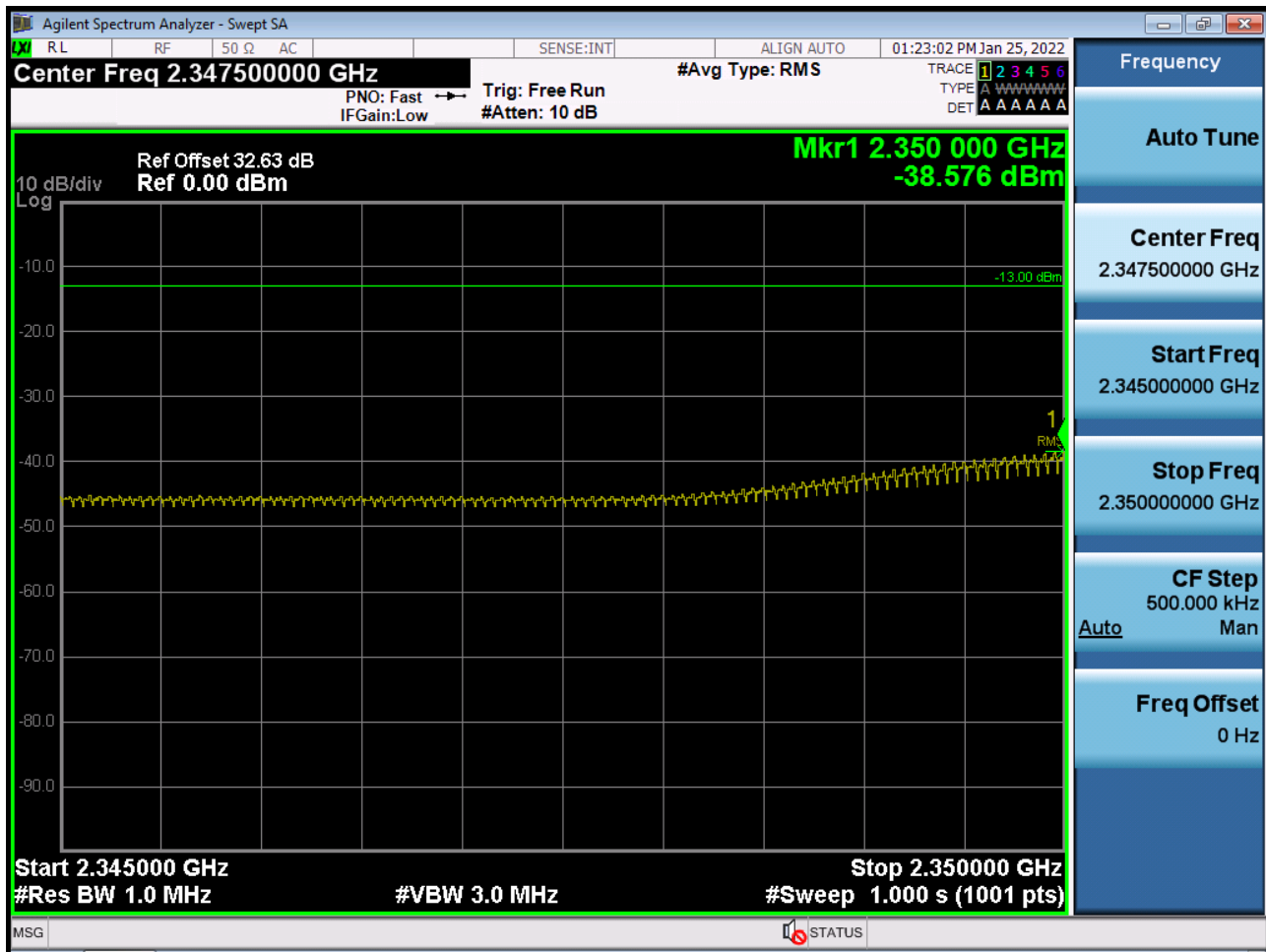
Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -44.608 dBm + 10 dB = -34.608 dBm

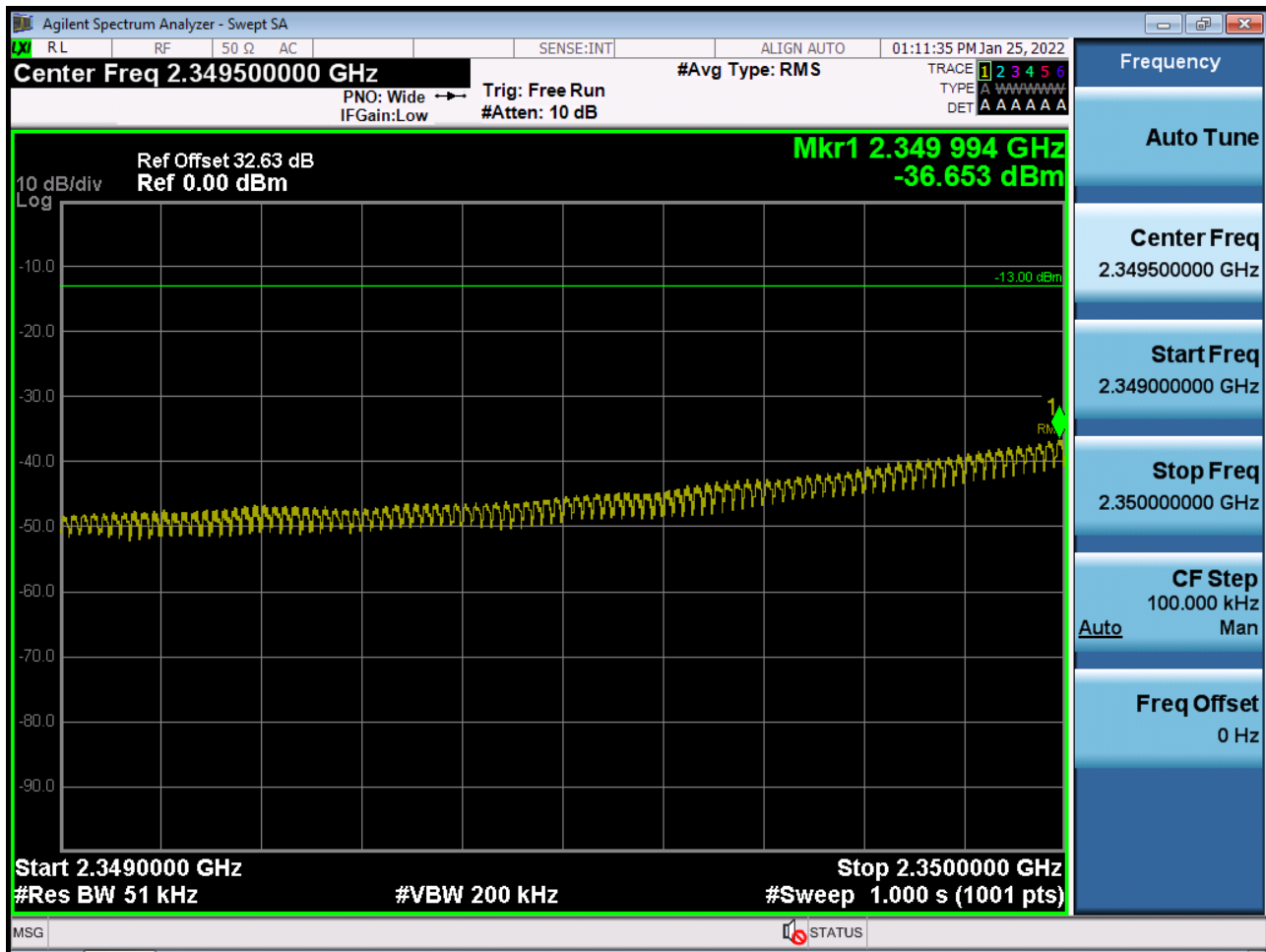
BAND 40. 5 M_BandEdge(Upper Side)(2345 MHz-2350 MHz)_2357.5 MHz_FullIRB



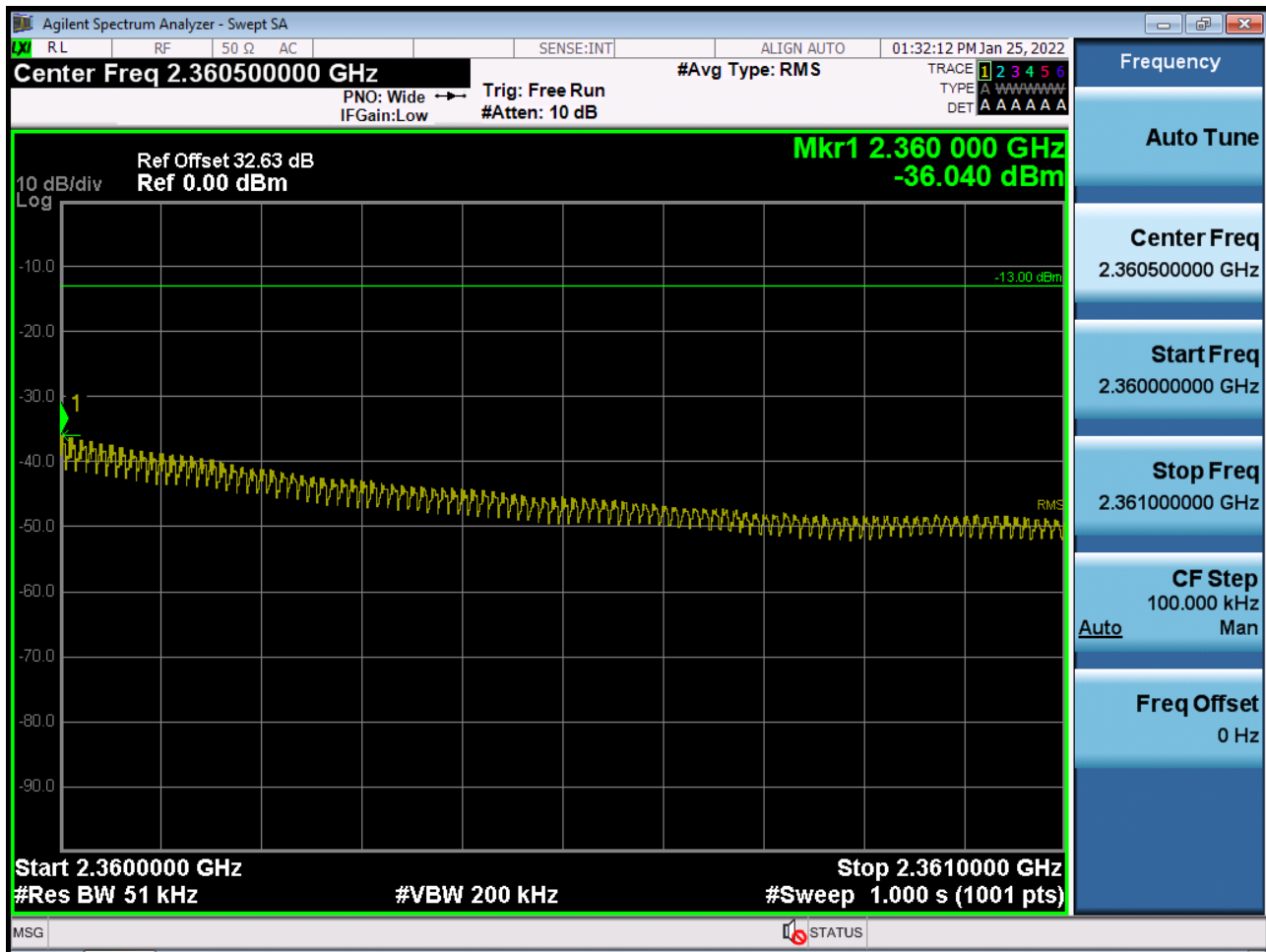
BAND 40. 5 M_BandEdge(Upper Side)(2345 MHz-2350 MHz)_2355 MHz_FullRB



BAND 40. 5 M_BandEdge(Upper Side)(2349 MHz-2350 MHz)_2352.5 MHz_FullIRB



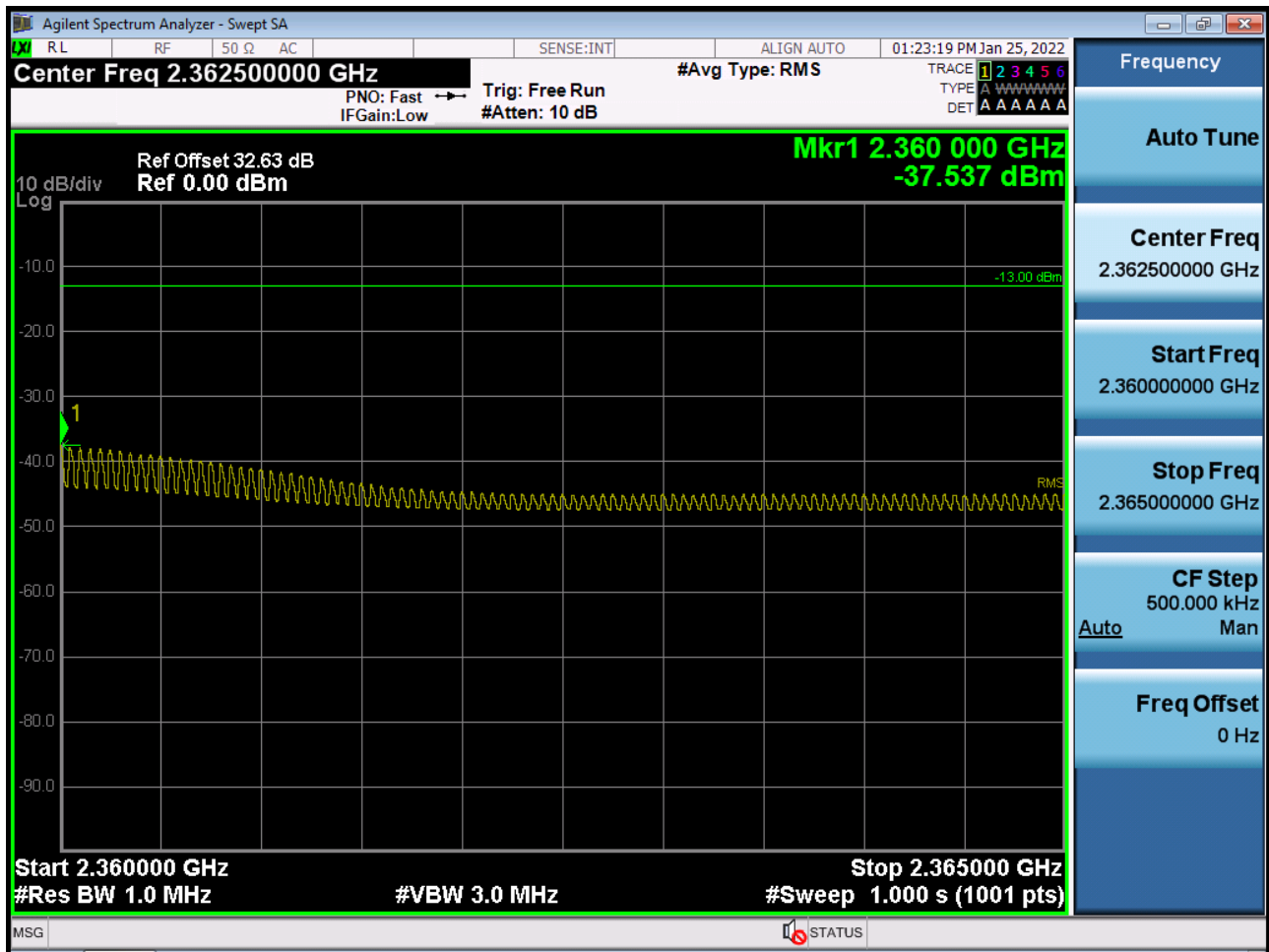
BAND 40. 5 M_BandEdge(Upper Side)(2360 MHz-2361 MHz)_2357.5 MHz_FullIRB



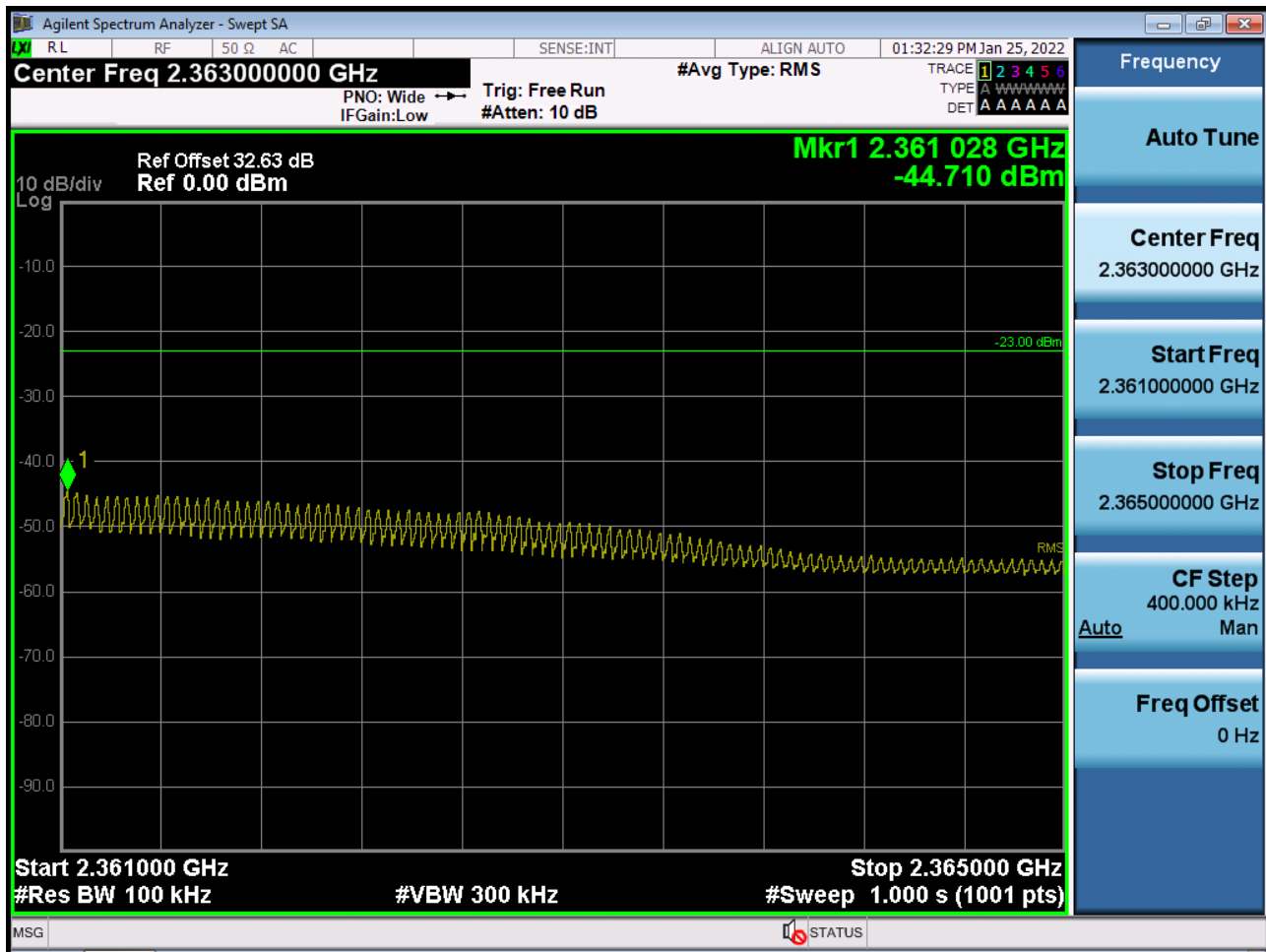
BAND 40. 5 M_BandEdge(Upper Side)(2360 MHz-2365 MHz)_2352.5 MHz_FullIRB



BAND 40. 5 M_BandEdge(Upper Side)(2360 MHz-2365 MHz)_2355 MHz_FullRB



BAND 40. 5 M_BandEdge(Upper Side)(2361 MHz-2365 MHz)_2357.5 MHz_FullIRB



Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -44.710 dBm + 10 dB = -34.710 dBm

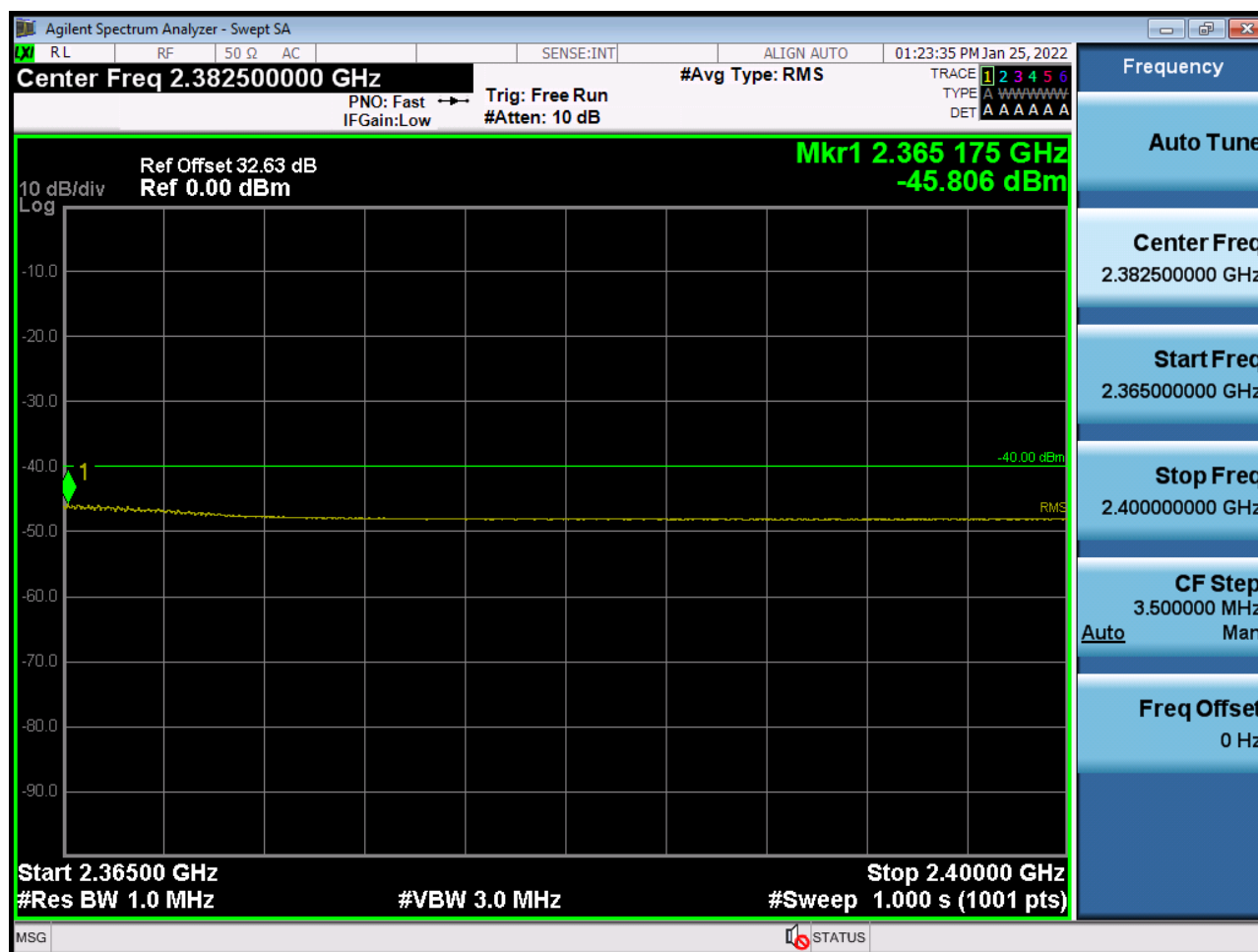
BAND 40. 5 M_BandEdge(Upper Side)(2365 MHz-2400 MHz)_2357.5 MHz_FullIRB



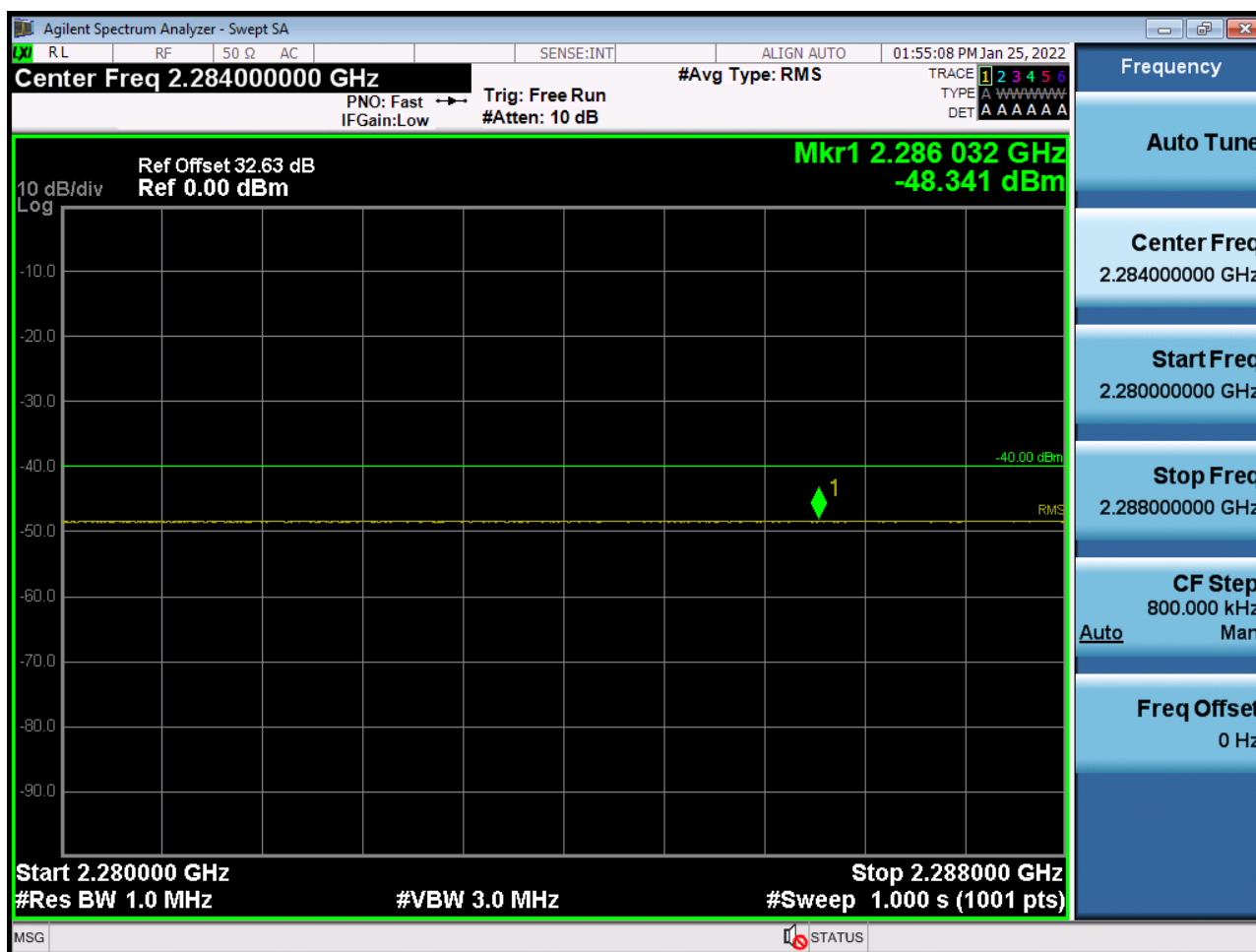
BAND 40. 5 M_BandEdge(Upper Side)(2365 MHz-2400 MHz)_2352.5 MHz_FullIRB



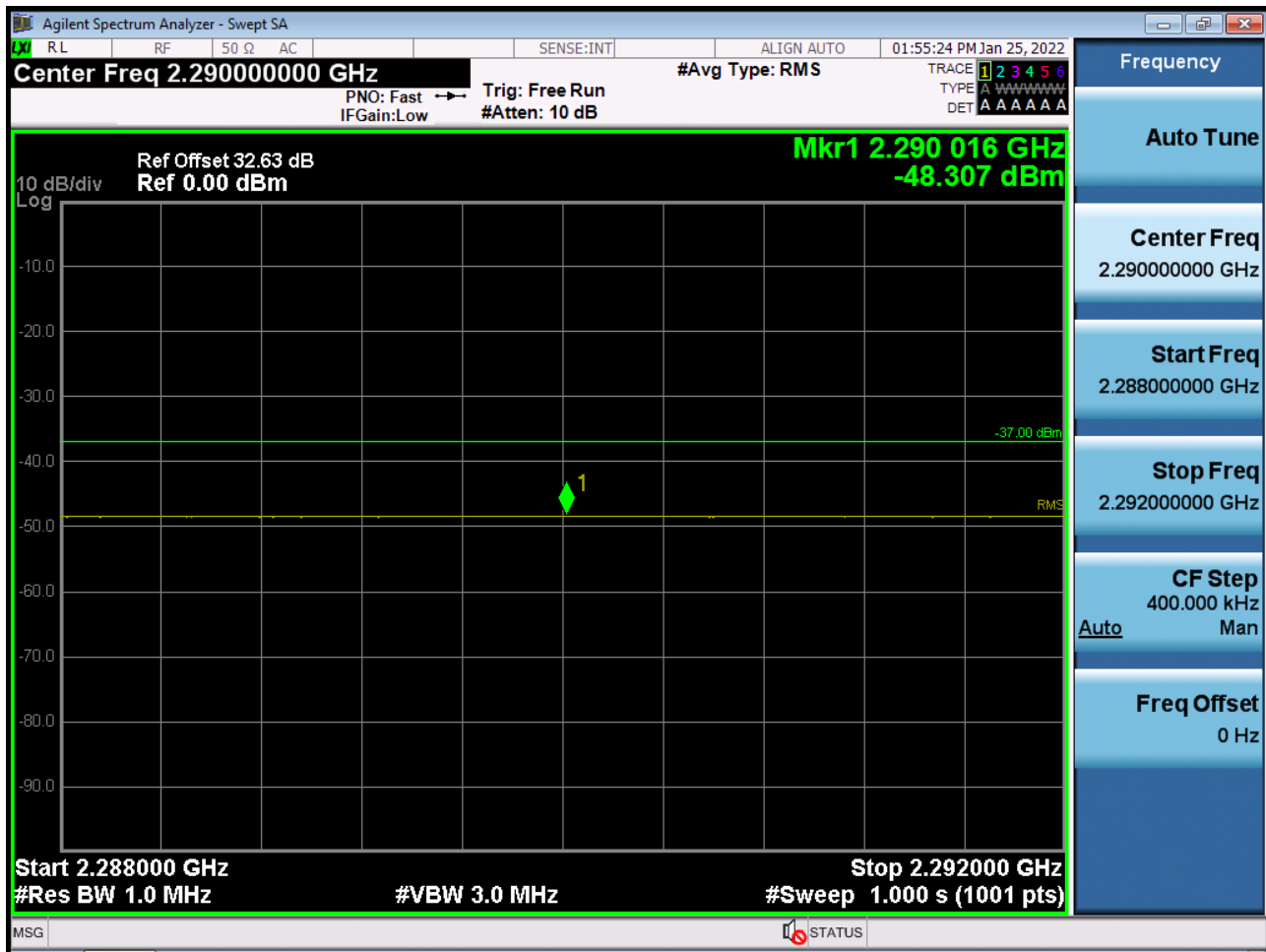
BAND 40. 5 M_BandEdge(Upper Side)(2365 MHz-2400 MHz)_2355 MHz_FullIRB



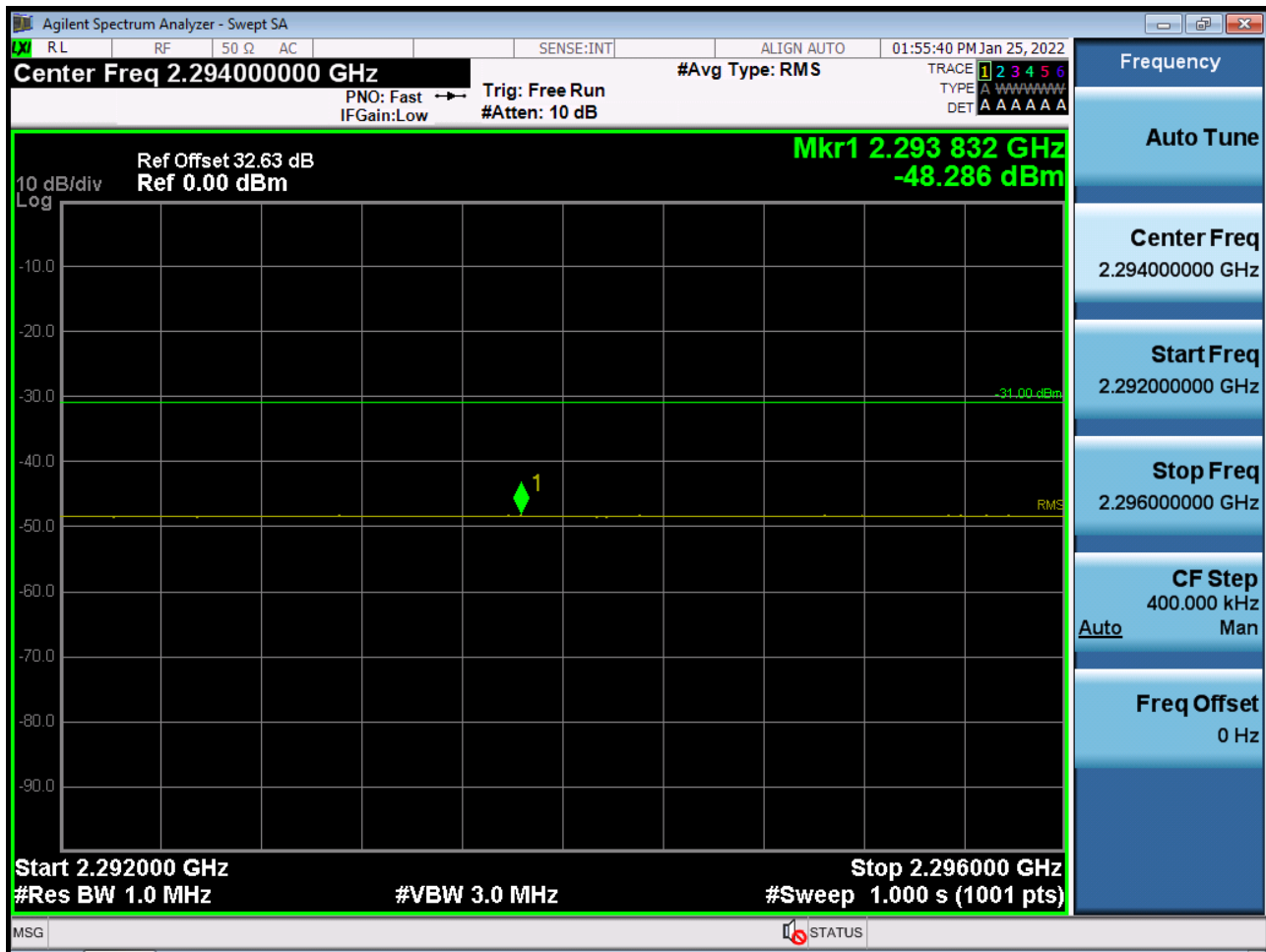
BAND 40. 10 M_BandEdge(Upper Side)(2280 MHz-2288 MHz)_2355 MHz_FullIRB



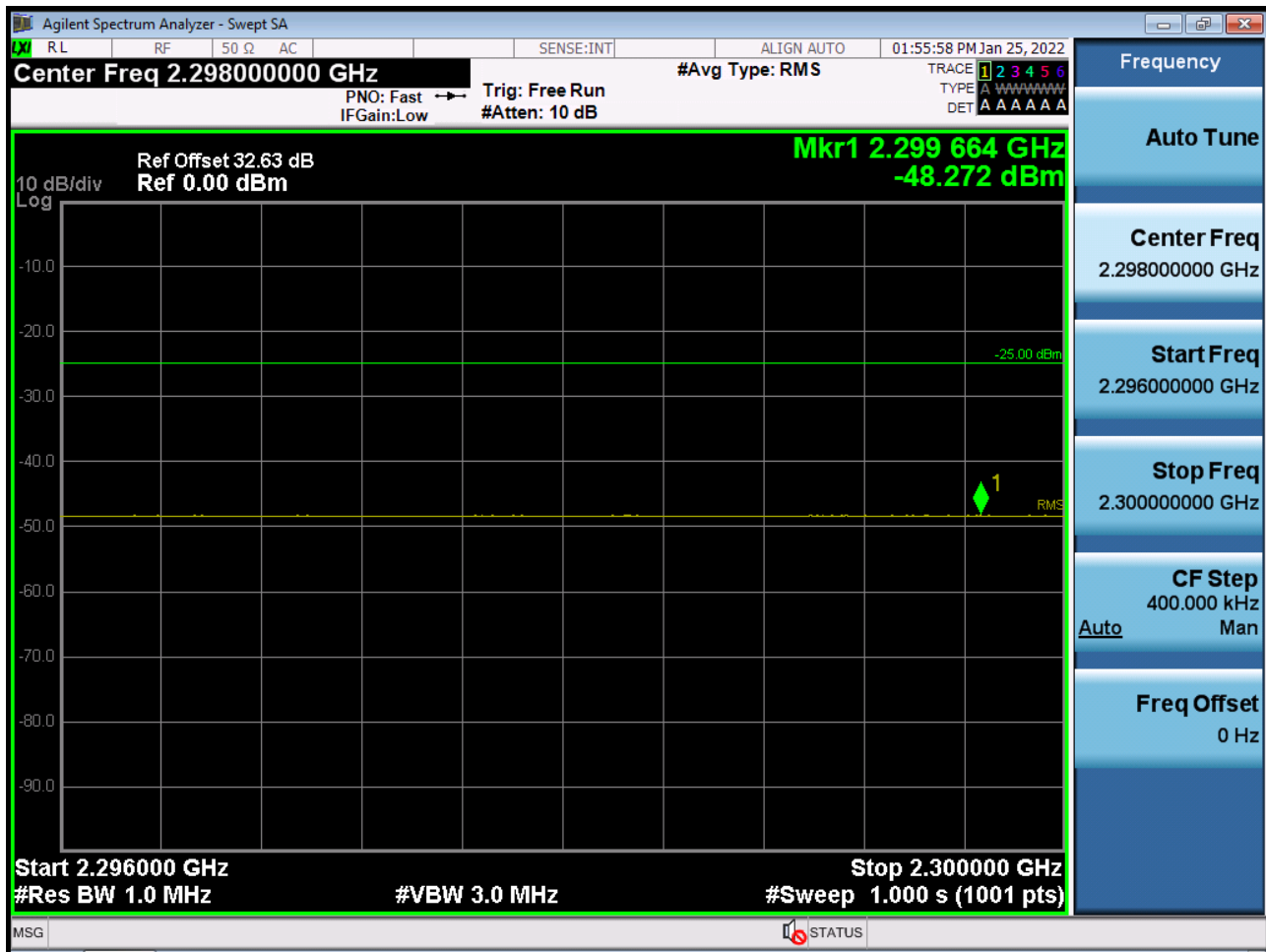
BAND 40. 10 M_BandEdge(Upper Side)(2288 MHz-2292 MHz)_2355 MHz_FullIRB



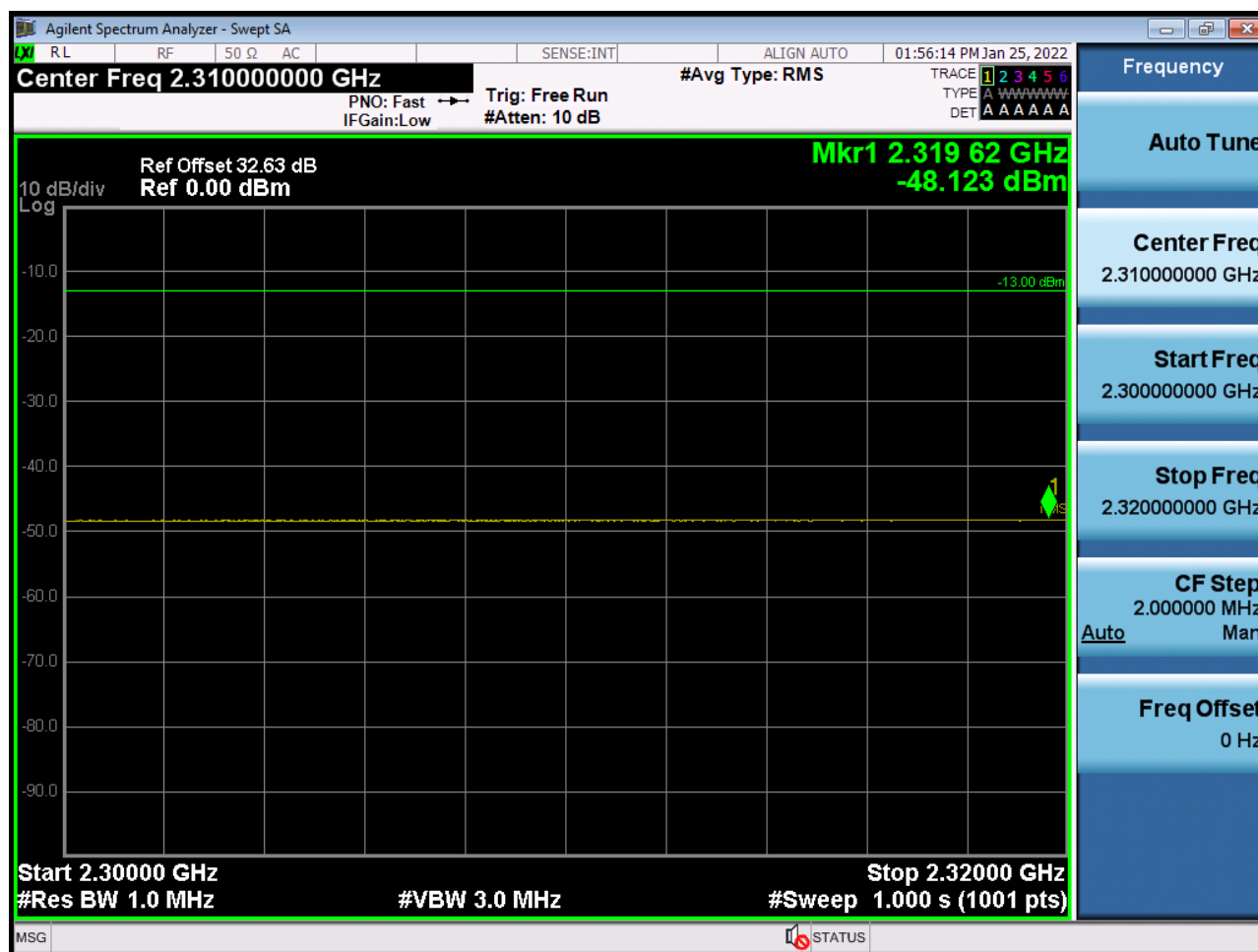
BAND 40. 10 M_BandEdge(Upper Side)(2292 MHz-2296 MHz)_2355 MHz_FullIRB



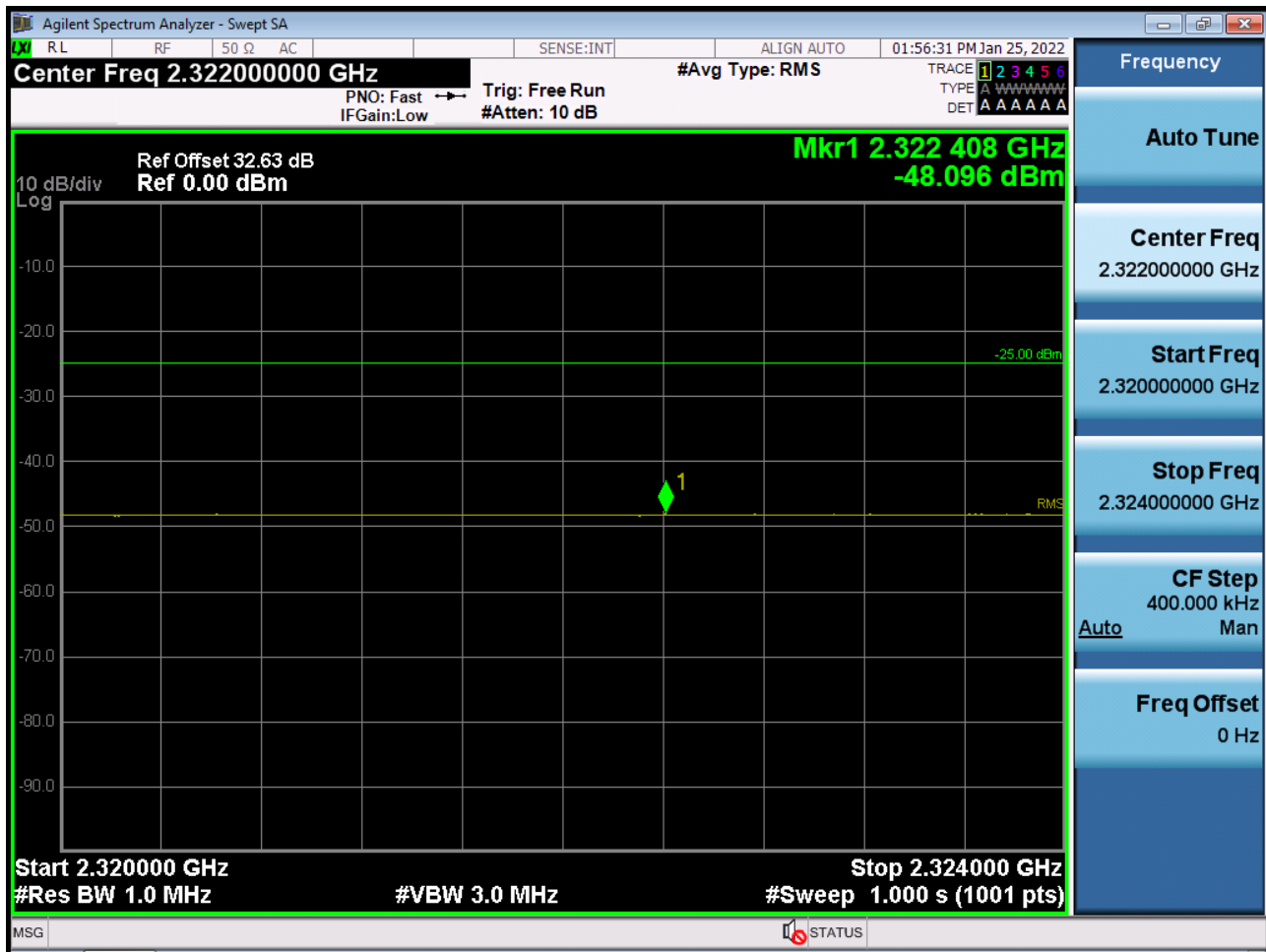
BAND 40. 10 M_BandEdge(Upper Side)(2296 MHz-2300 MHz)_2355 MHz_FullIRB



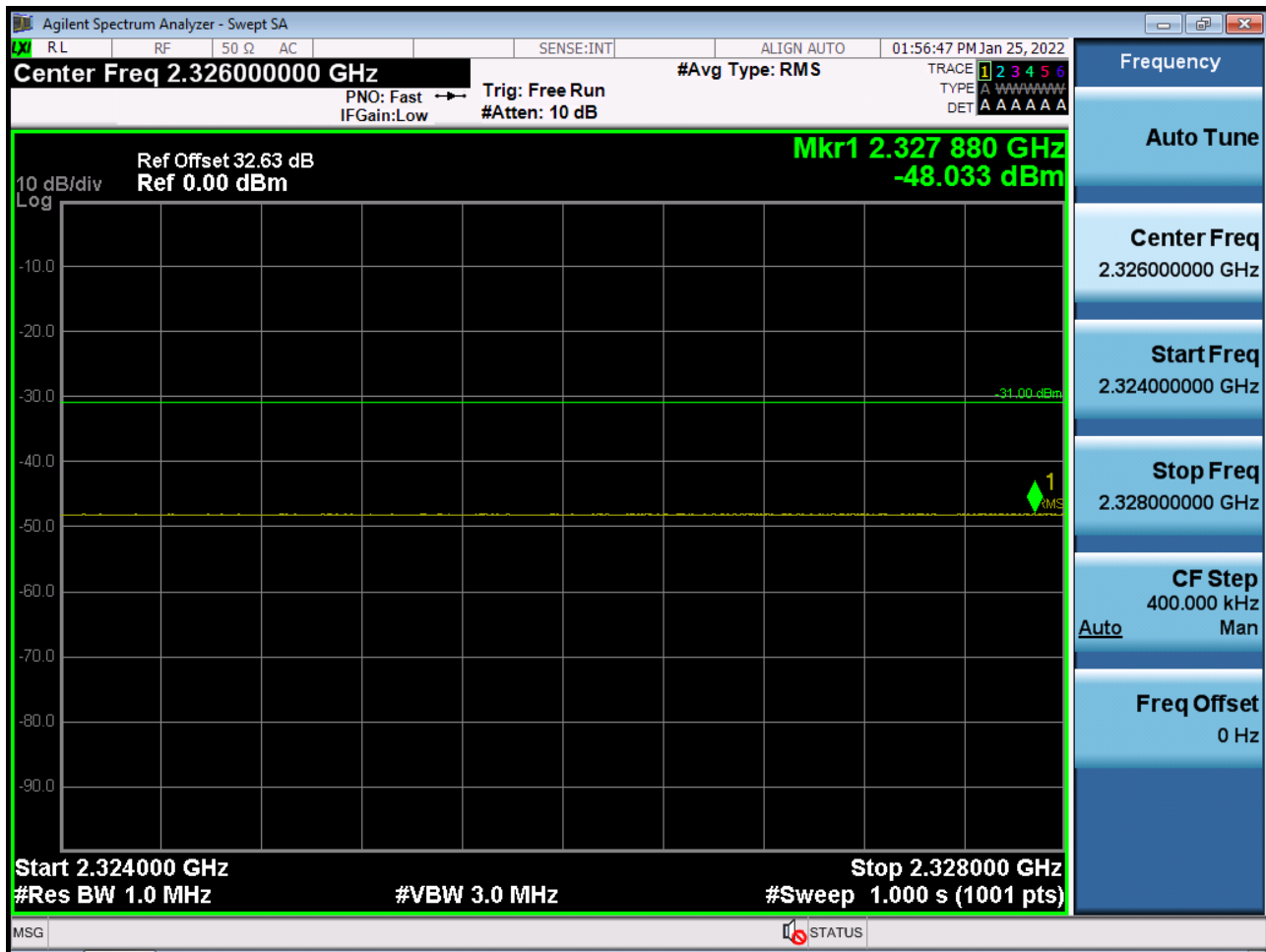
BAND 40. 10 M_BandEdge(Upper Side)(2300 MHz-2320 MHz)_2355 MHz_FullIRB



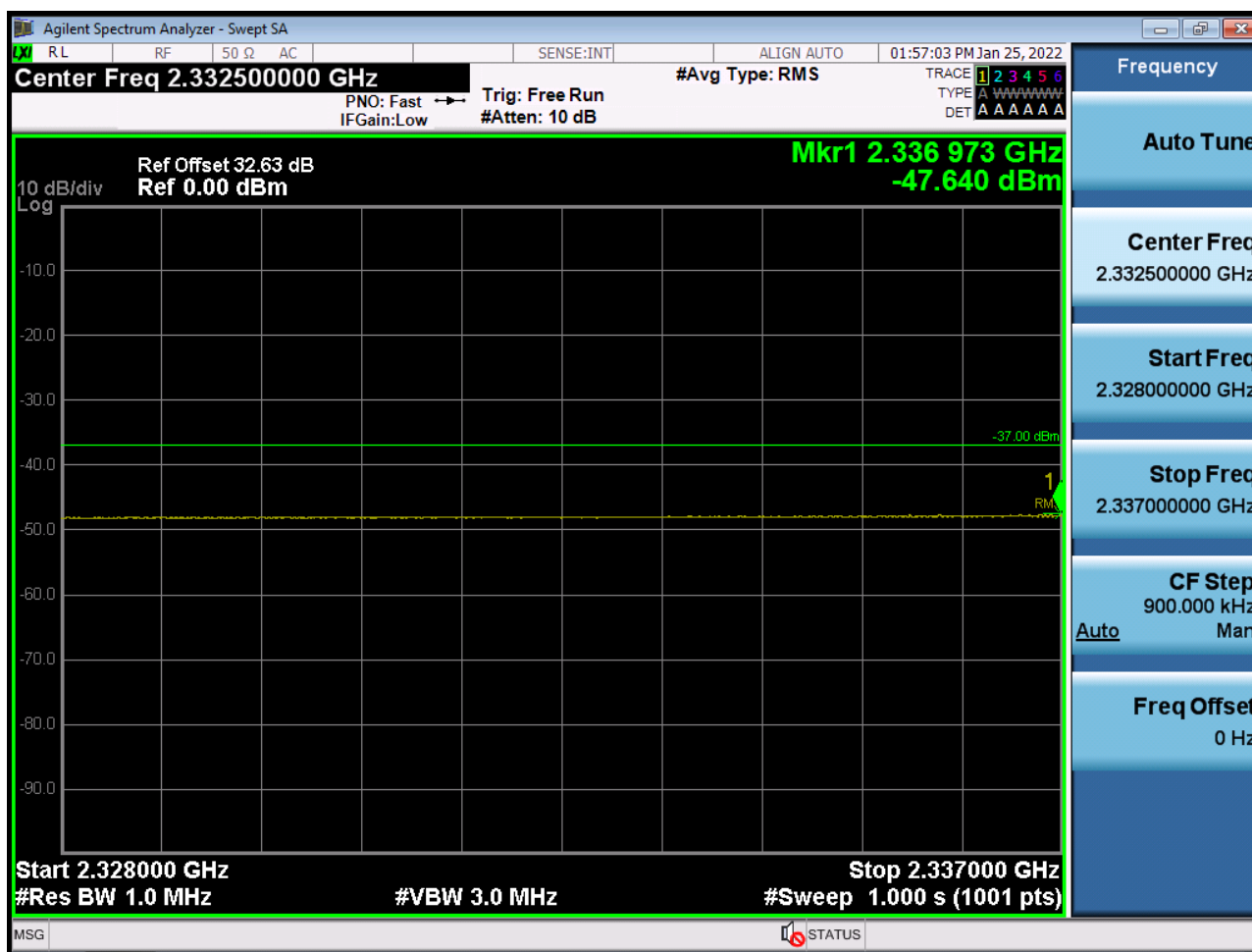
BAND 40. 10 M_BandEdge(Upper Side)(2320 MHz-2324 MHz)_2355 MHz_FullIRB



BAND 40. 10 M_BandEdge(Upper Side)(2324 MHz-2328 MHz)_2355 MHz_FullIRB



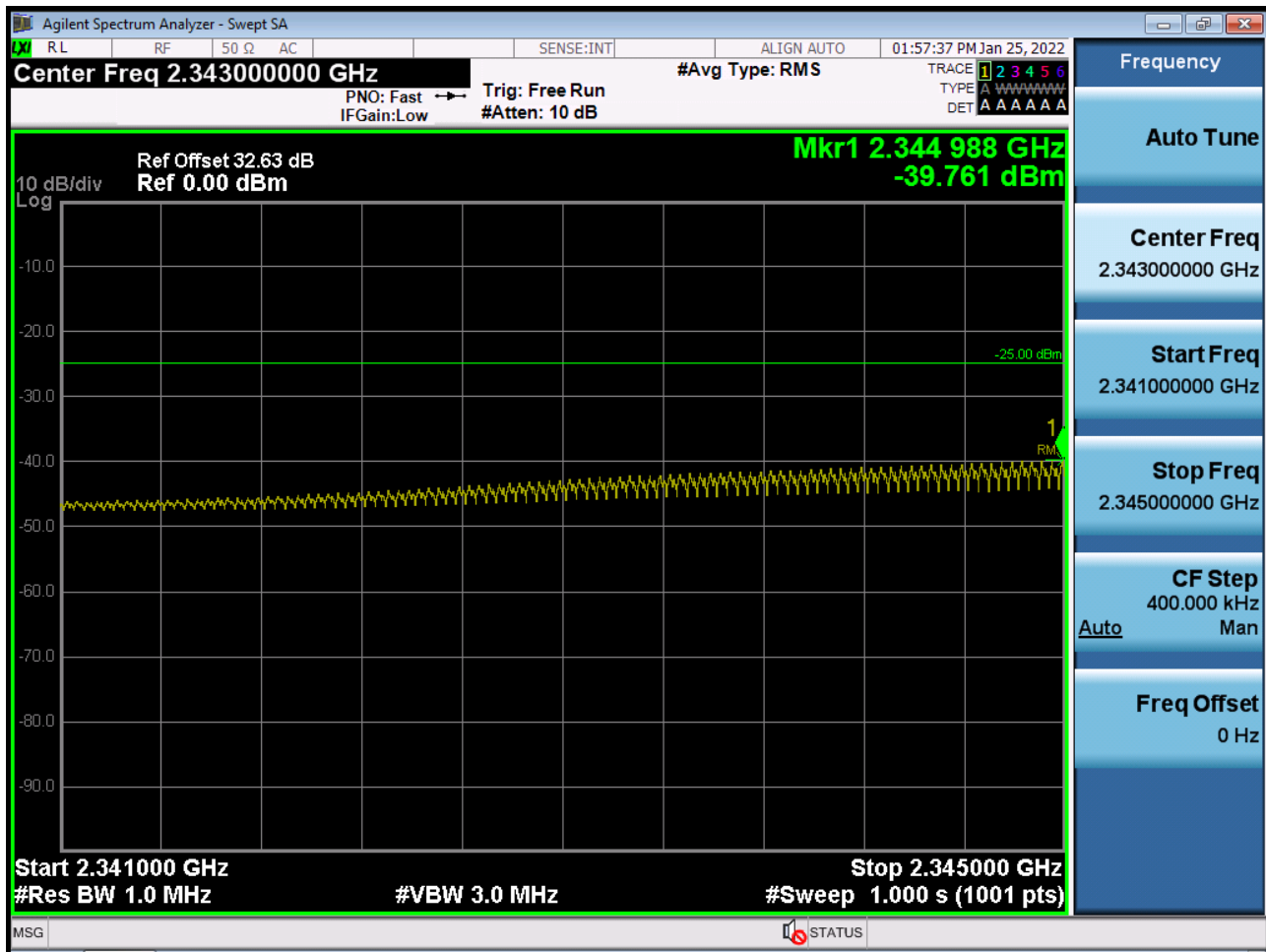
BAND 40. 10 M_BandEdge(Upper Side)(2328 MHz-2337 MHz)_2355 MHz_FullIRB



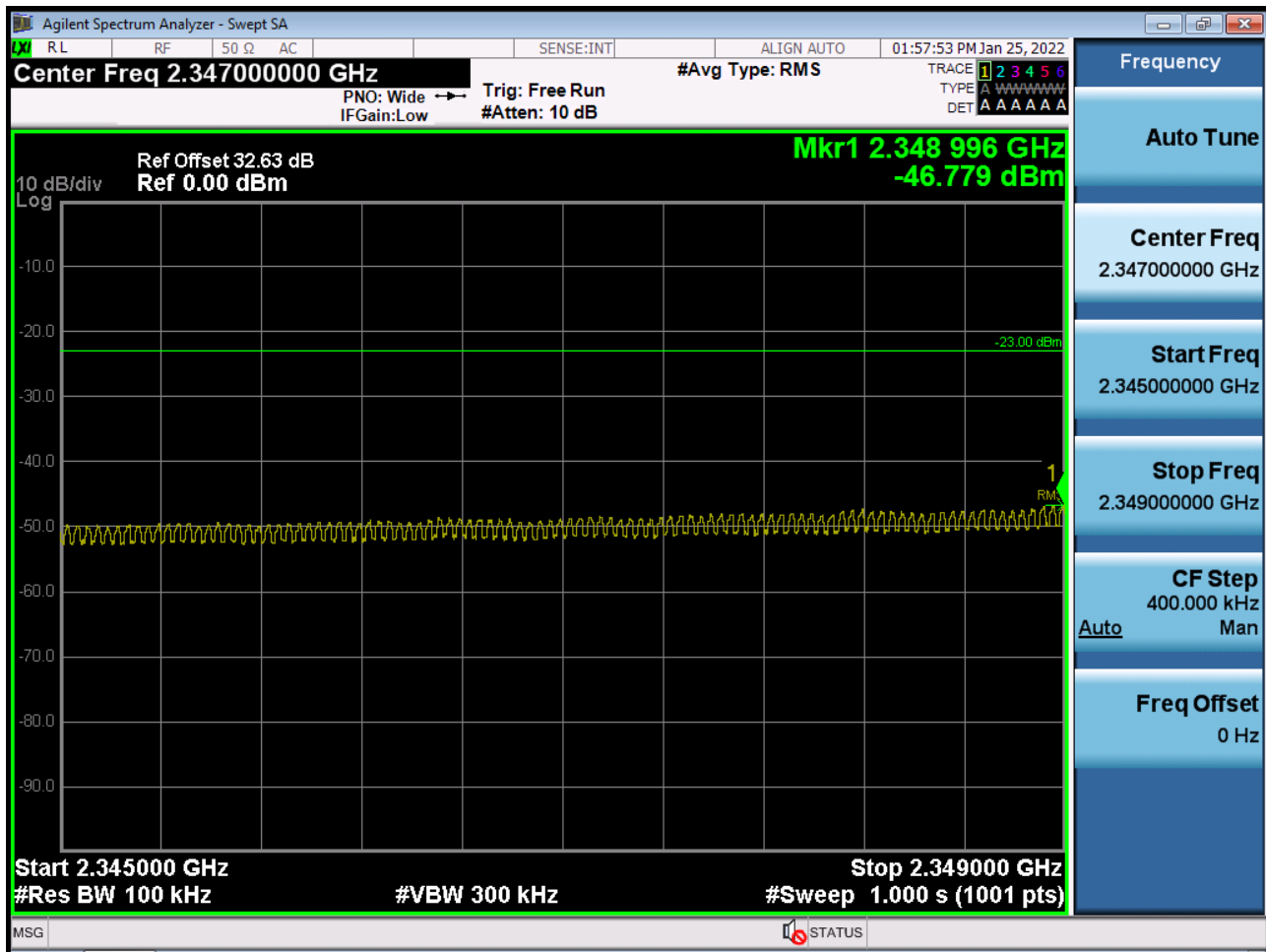
BAND 40. 10 M_BandEdge(Upper Side)(2337 MHz-2341 MHz)_2355 MHz_FullIRB



BAND 40. 10 M_BandEdge(Upper Side)(2341 MHz-2345 MHz)_2355 MHz_FullIRB



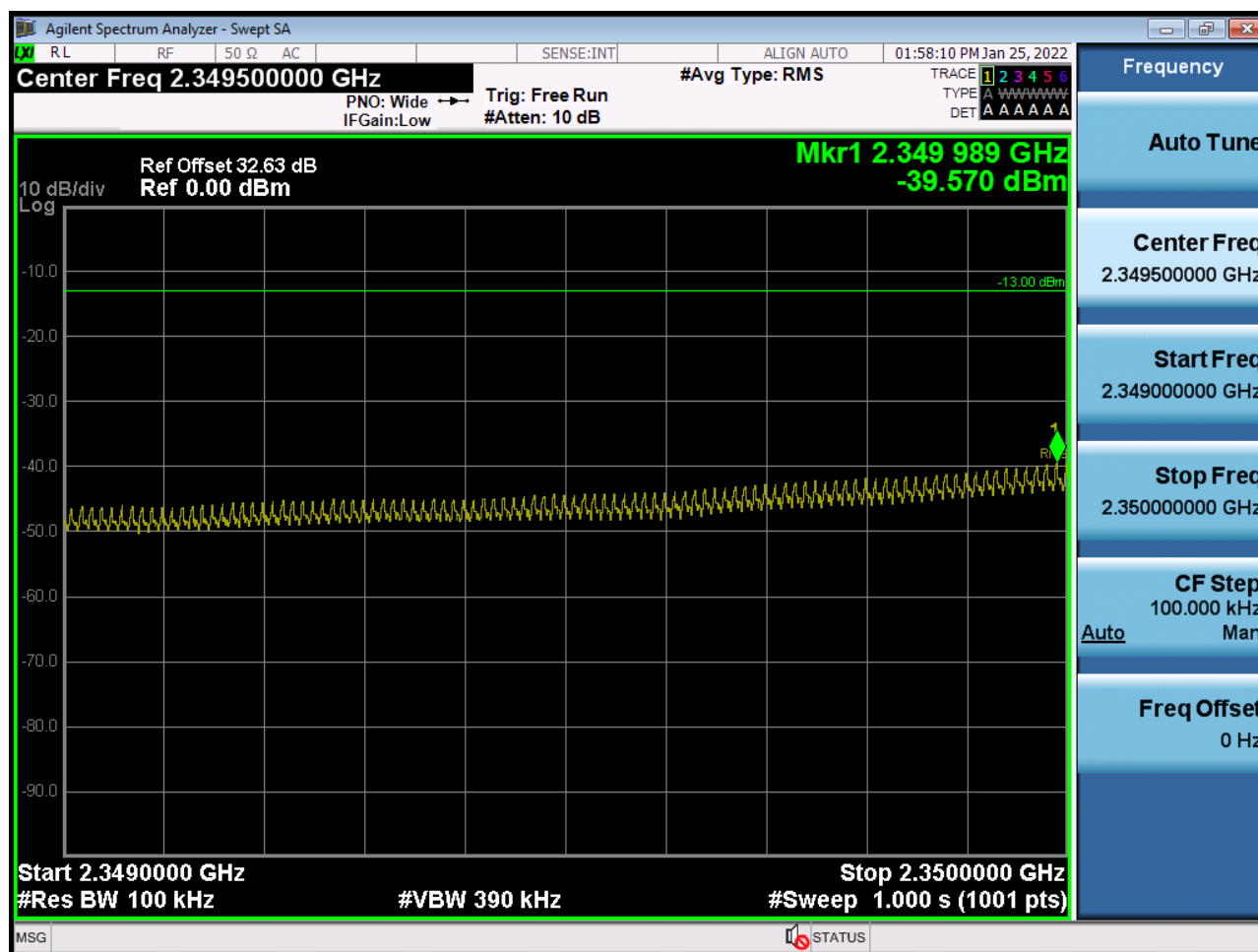
BAND 40. 10 M_BandEdge(Upper Side)(2345 MHz-2349 MHz)_2355 MHz_FullIRB



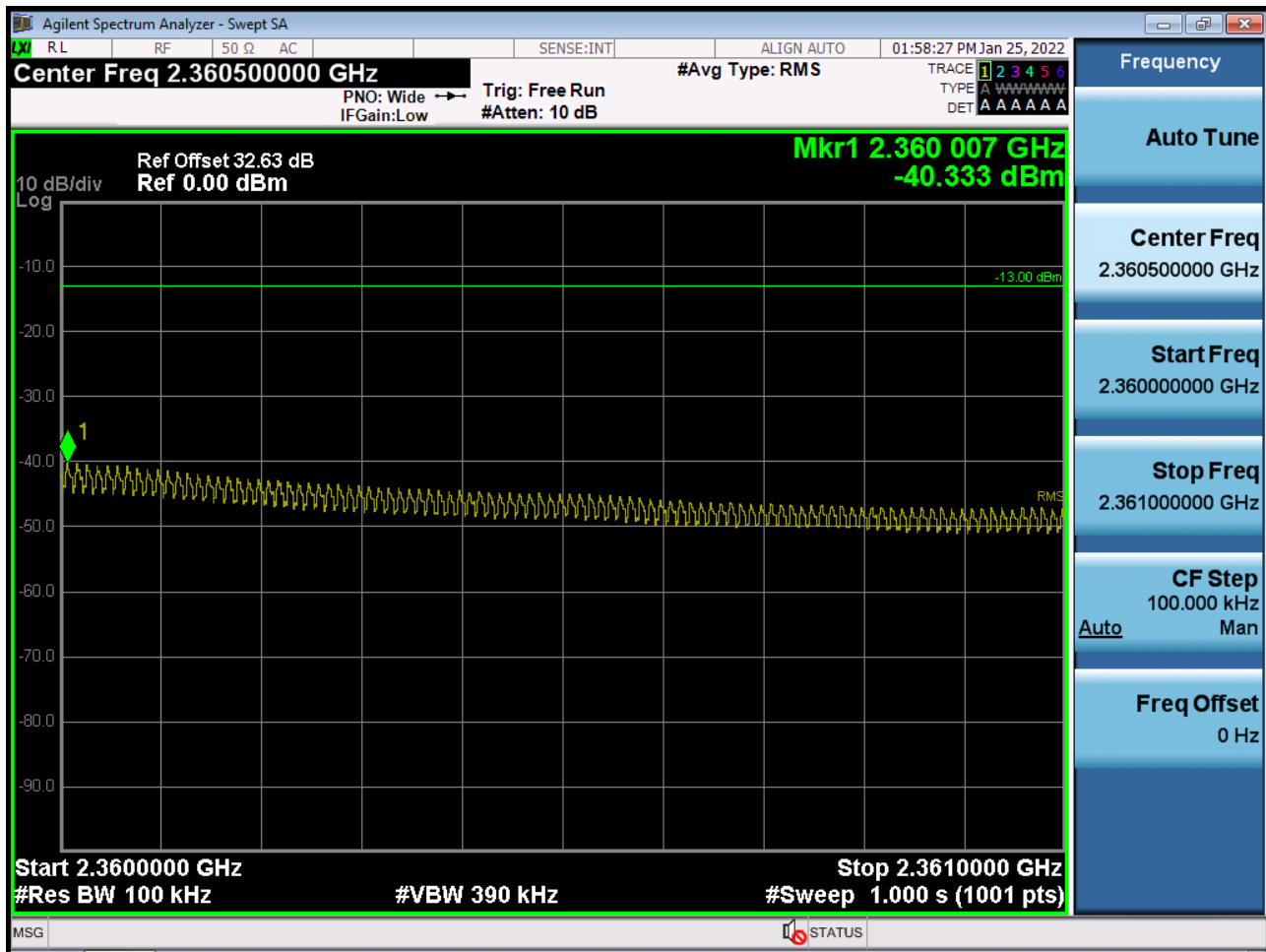
Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -46.779 dBm + 10 dB = -36.779 dBm

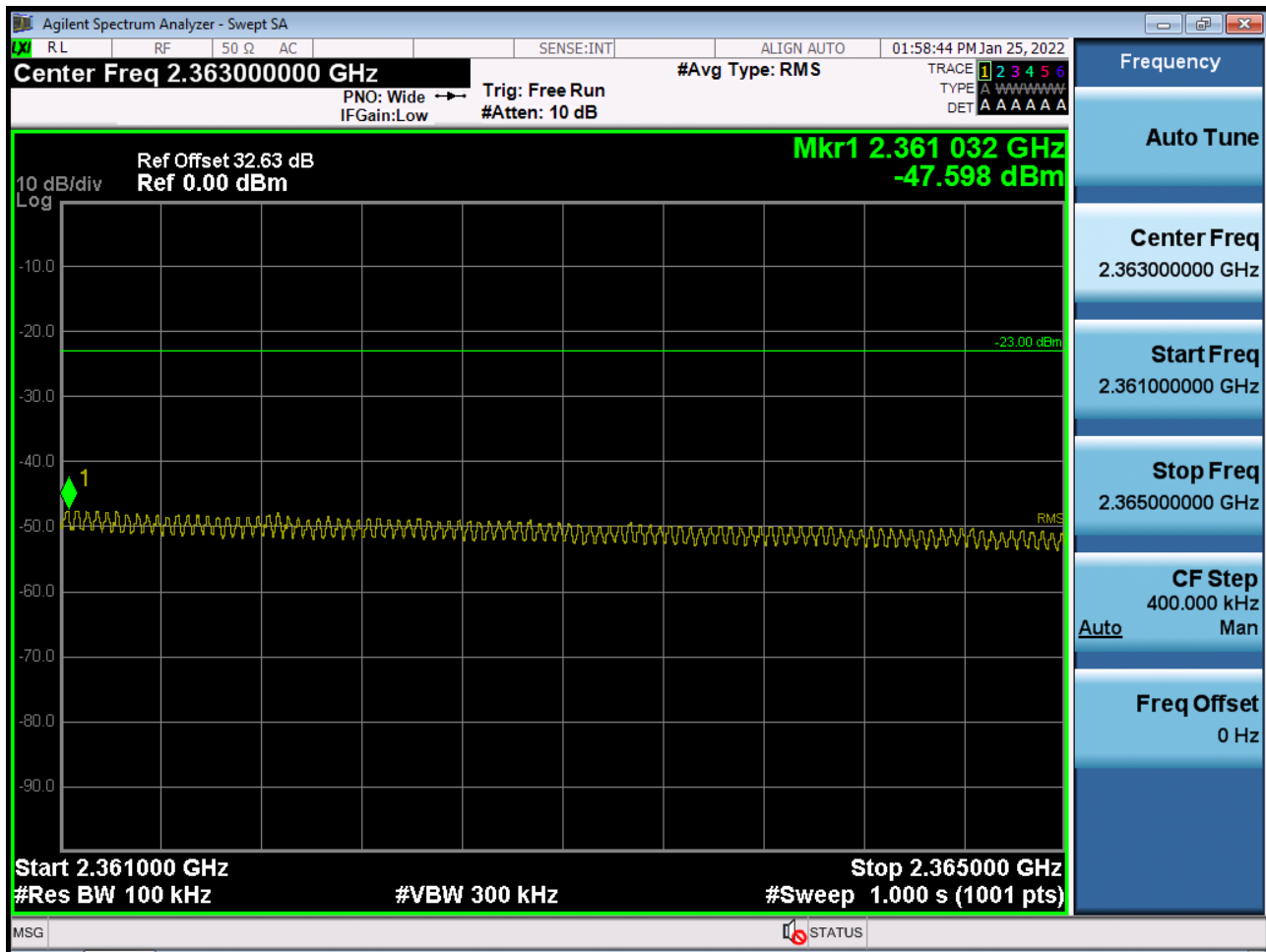
BAND 40. 10 M_BandEdge(Upper Side)(2349 MHz-2350 MHz)_2355 MHz_FullIRB



BAND 40. 10 M_BandEdge(Upper Side)(2360 MHz-2361 MHz)_2355 MHz_FullIRB



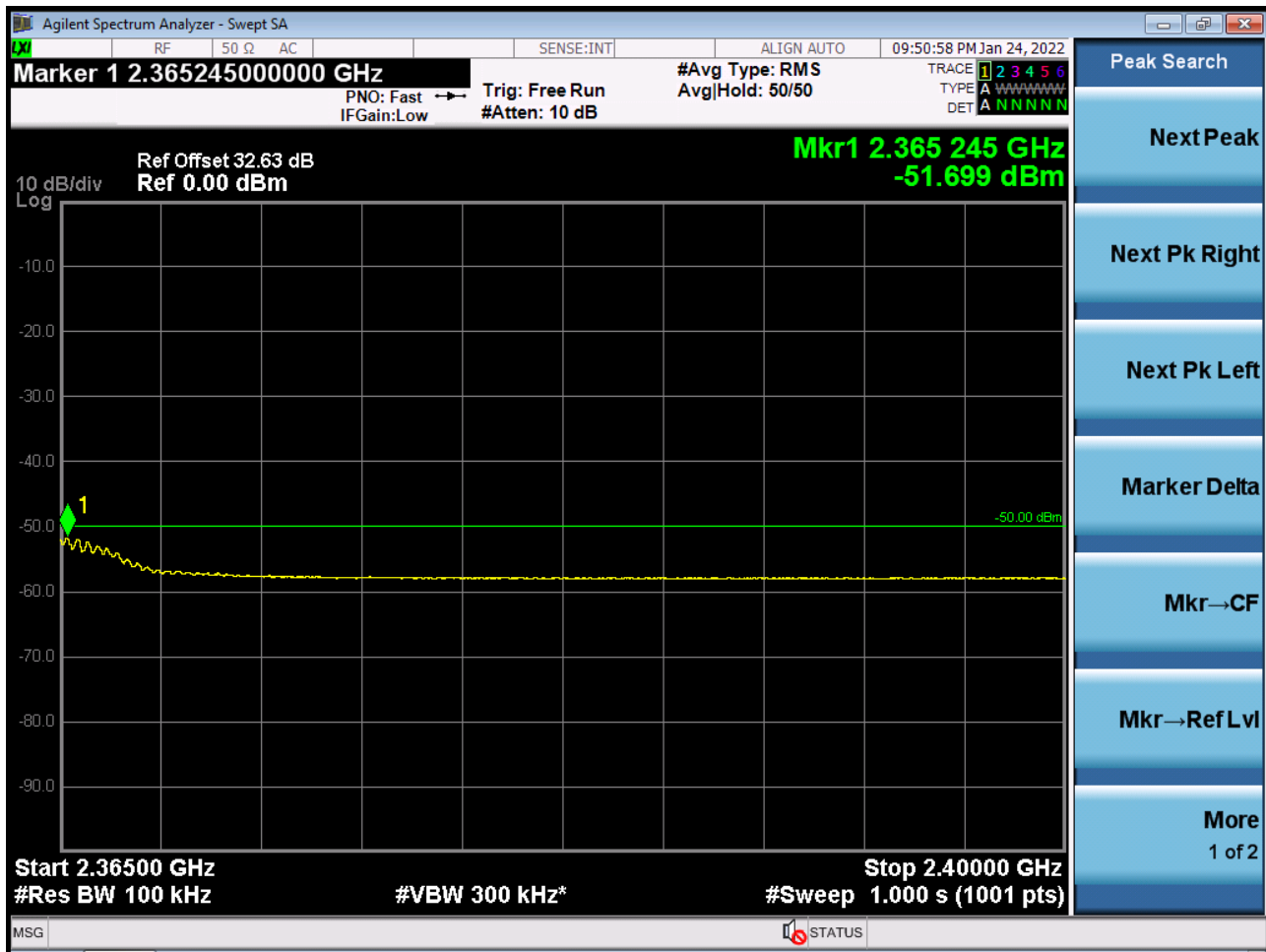
BAND 40. 10 M_BandEdge(Upper Side)(2361 MHz-2365 MHz)_2355 MHz_FullIRB



Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -47.598 dBm + 10 dB = -37.598 dBm

BAND 40. 10 M_BandEdge(Upper Side)(2365 MHz-2400 MHz)_2355 MHz_FullIRB

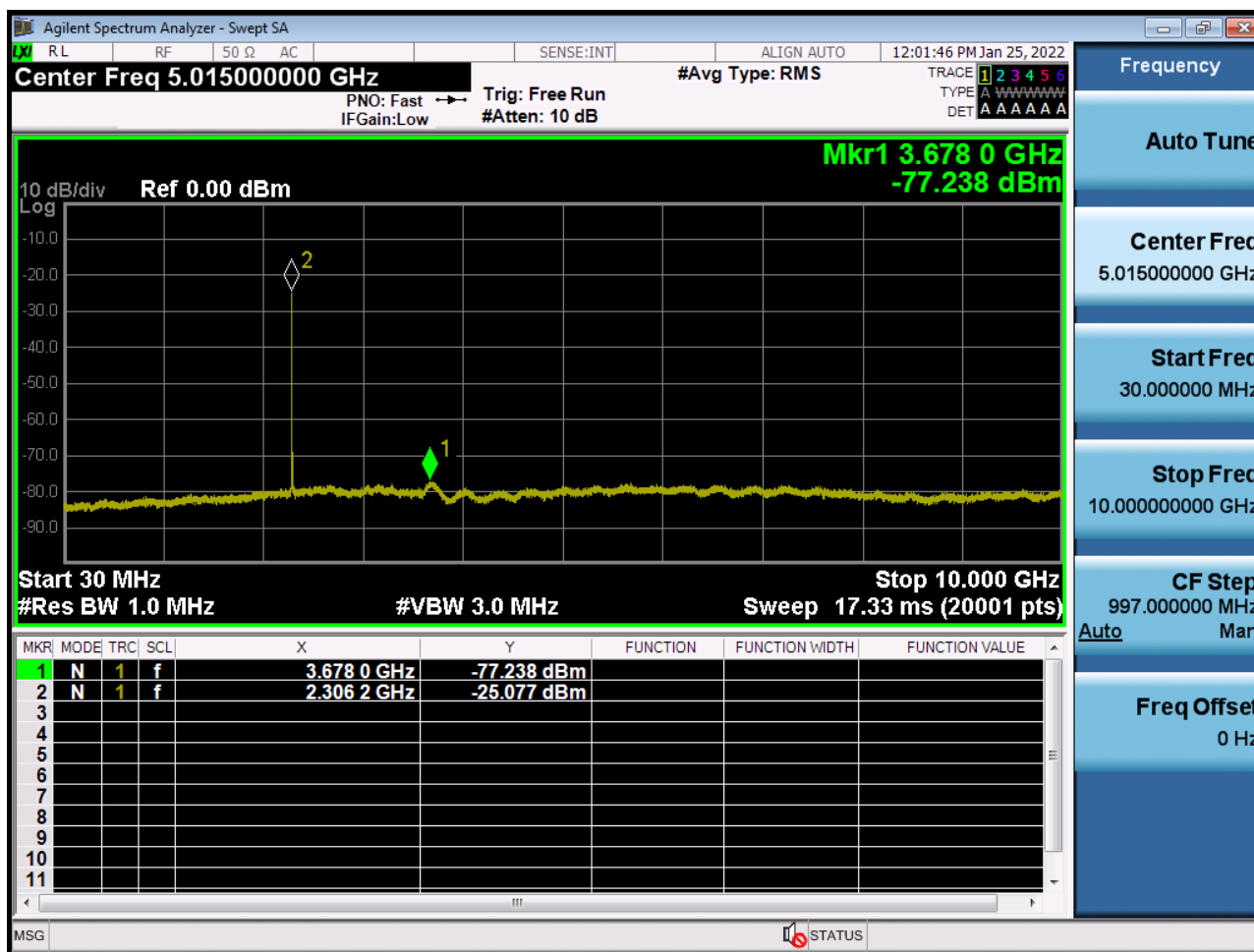


Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -51.699 dBm + 10 dB = -41.699 dBm

- Lower Side-

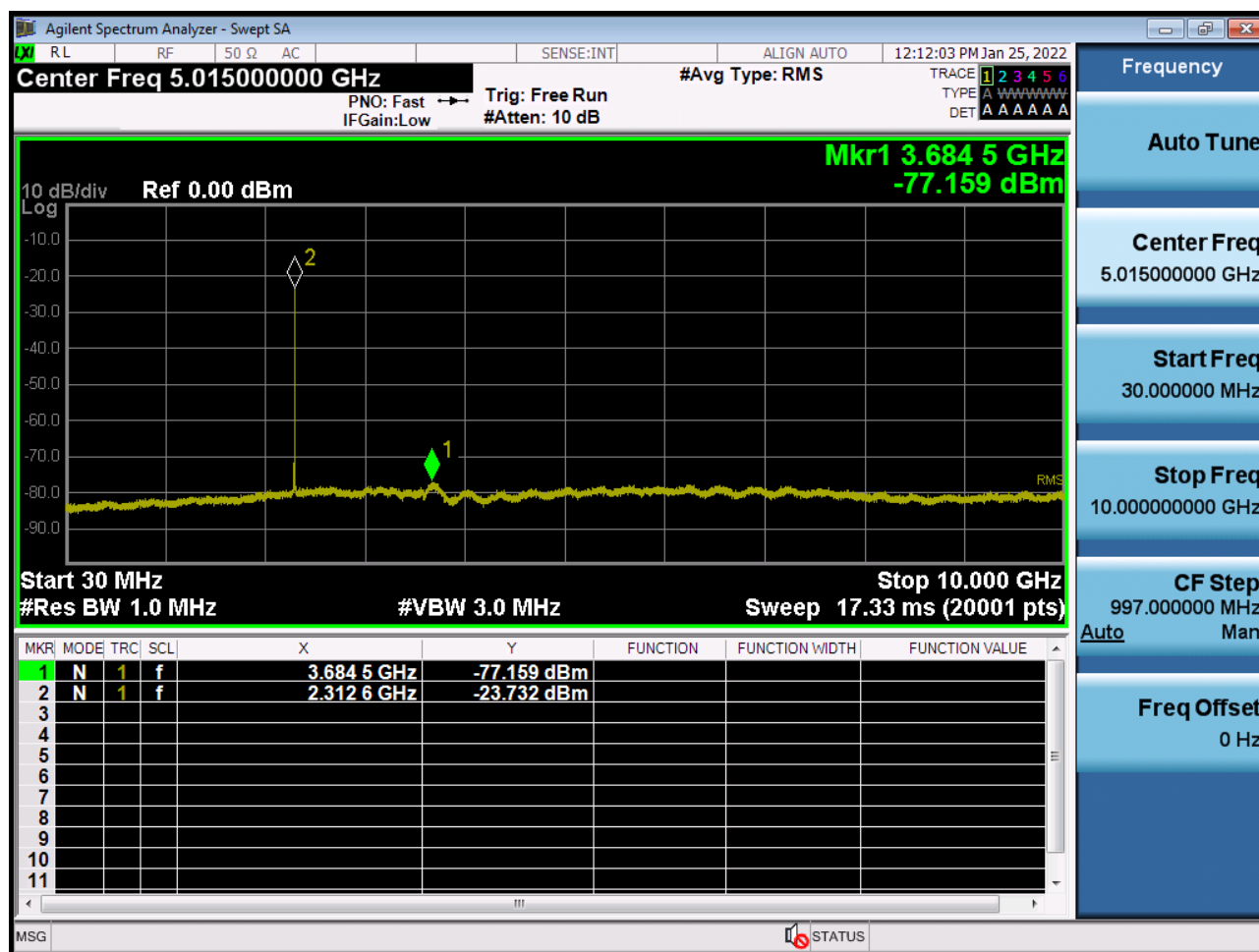
BAND 40. Conducted Spurious Plot 1 (5 MHz 2307.5 MHz_QPSK_1RB)



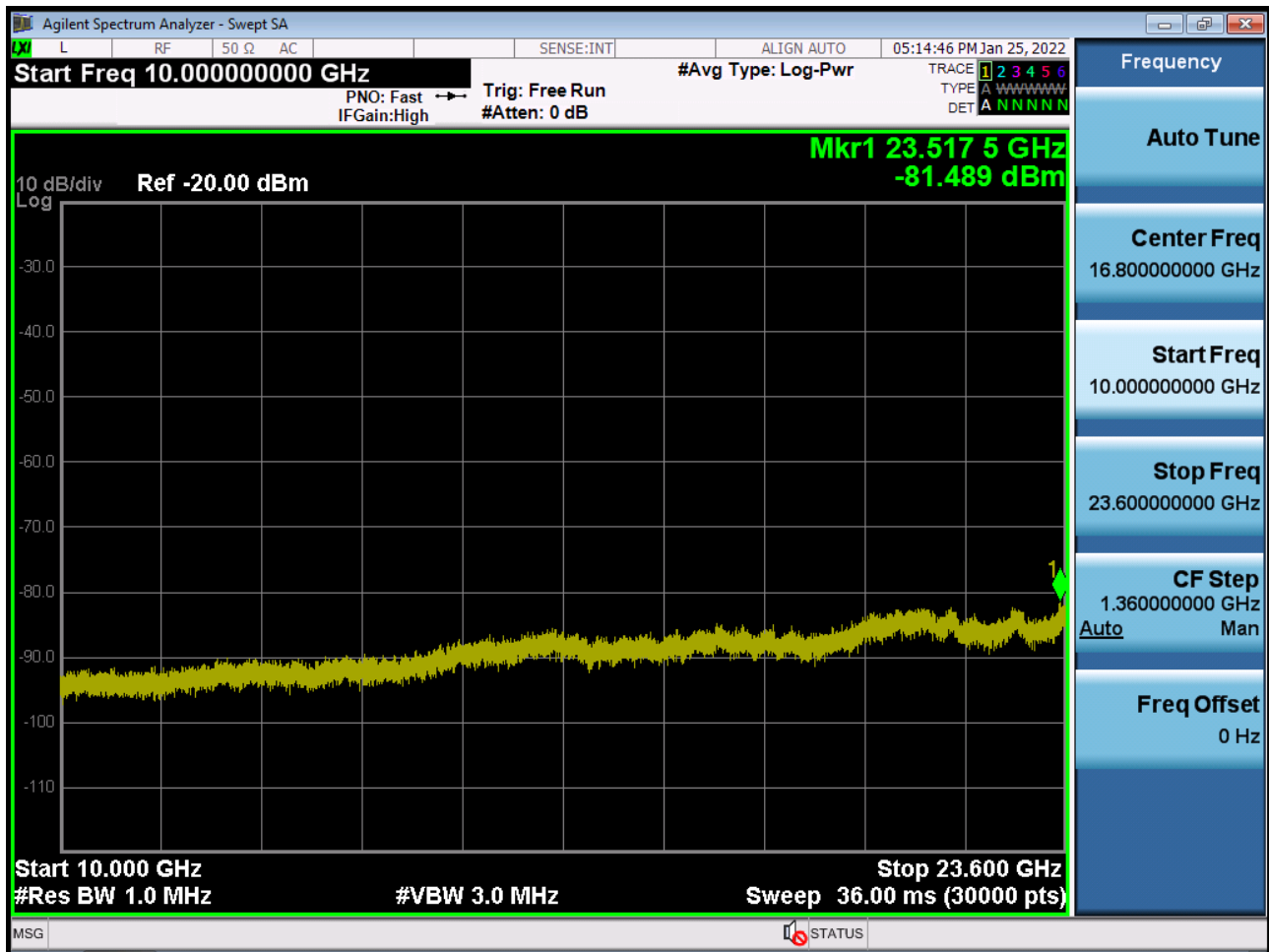
BAND 40. Conducted Spurious Plot 2 (5 MHz 2307.5 MHz_QPSK_1RB)



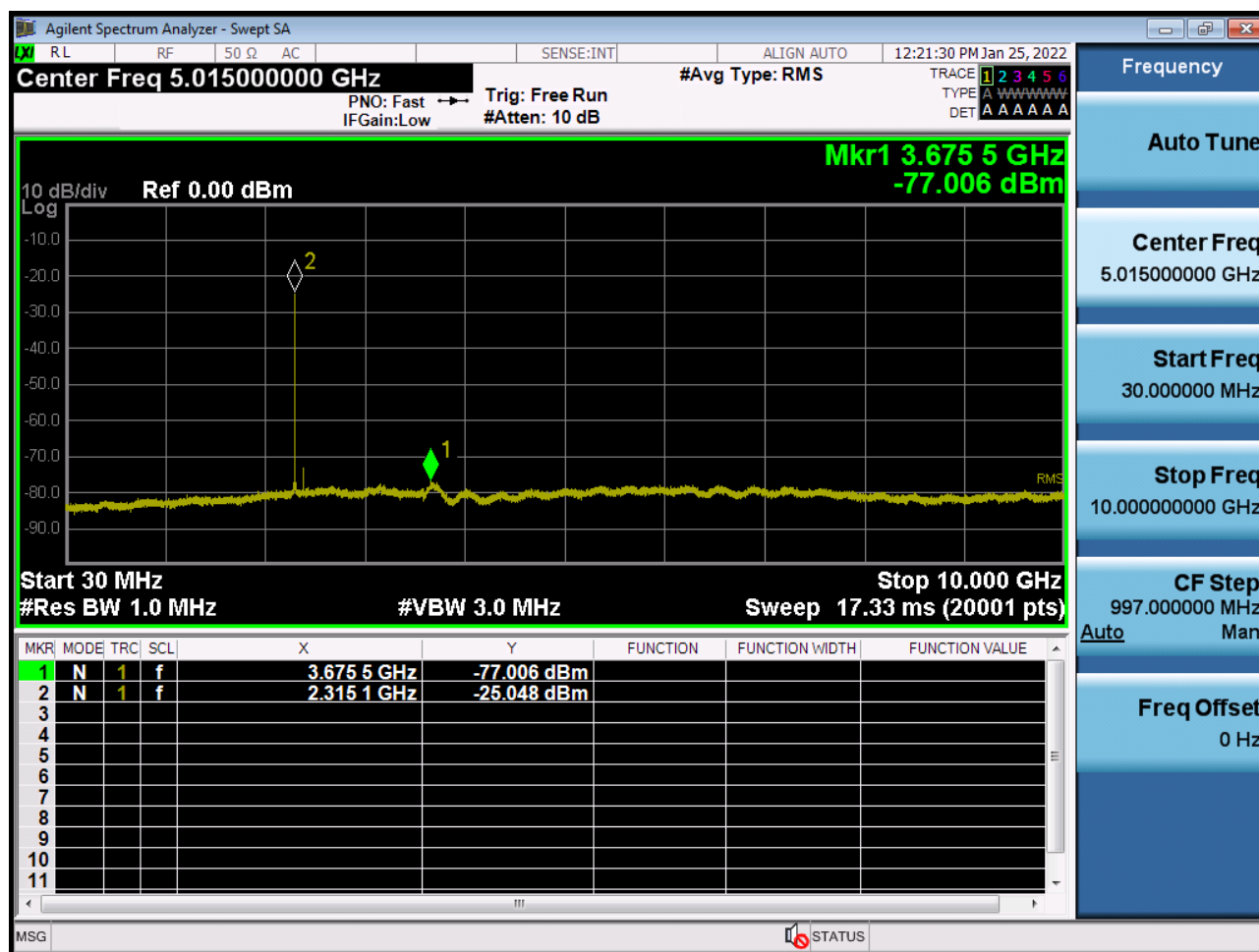
BAND 40. Conducted Spurious Plot 1 (5 MHz 2310 MHz_QPSK_1RB)



BAND 40. Conducted Spurious Plot 2 (5 MHz 2310 MHz_QPSK_1RB)



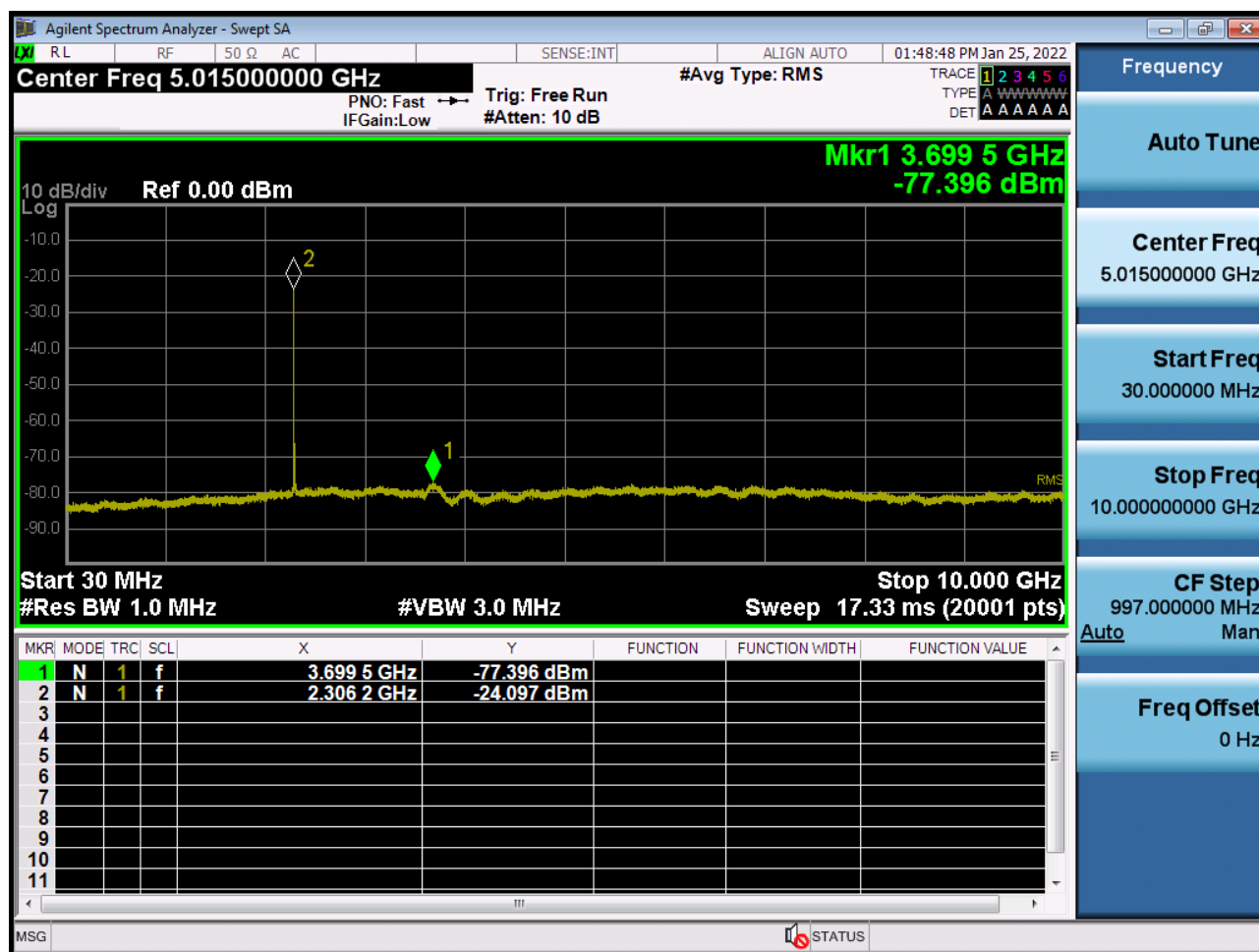
BAND 40. Conducted Spurious Plot 1 (5 MHz 2312.5 MHz_QPSK_1RB)



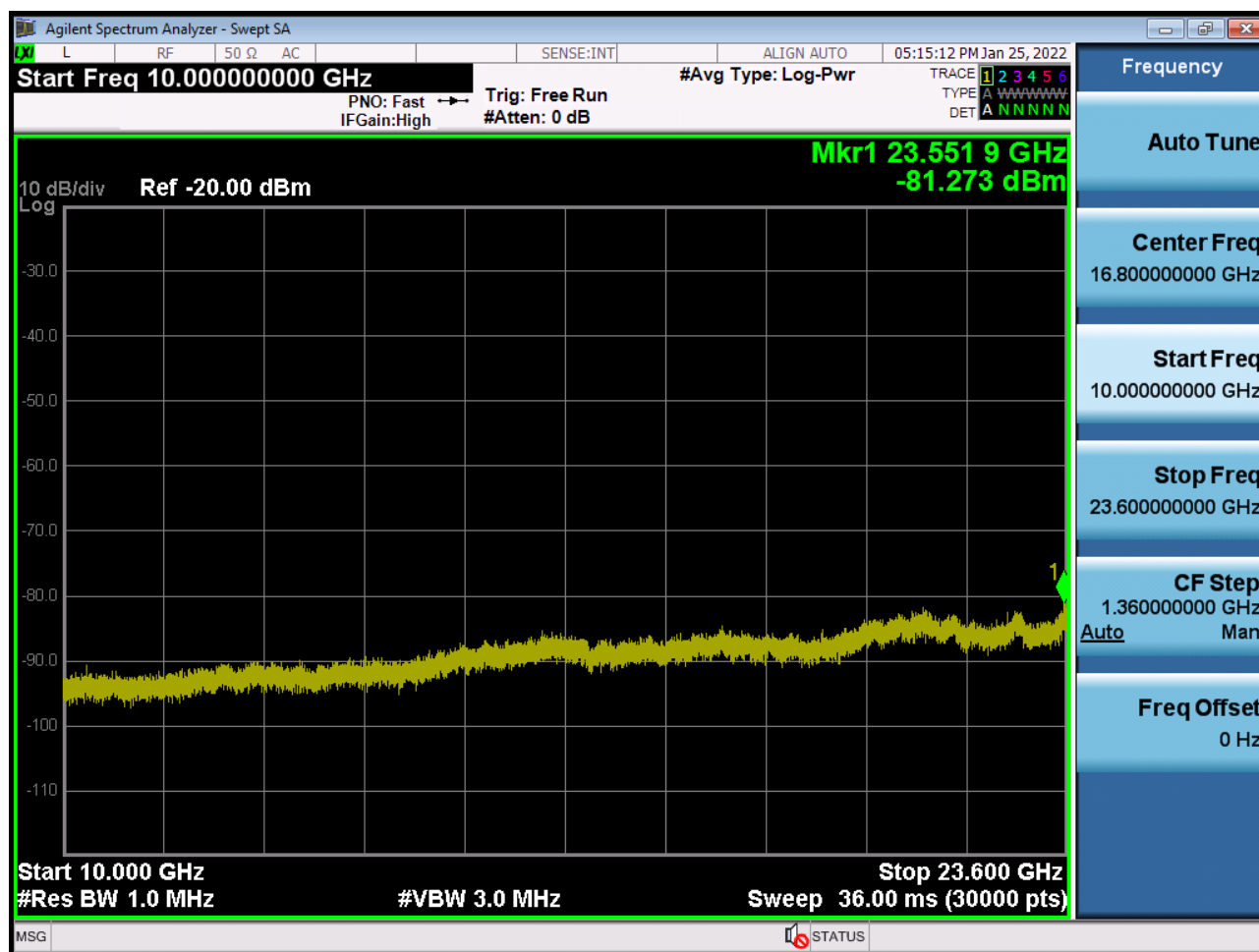
BAND 40. Conducted Spurious Plot 2 (5 MHz 2312.5 MHz_QPSK_1RB)



BAND 40. Conducted Spurious Plot 1 (10 MHz 2310 MHz_QPSK_1RB)

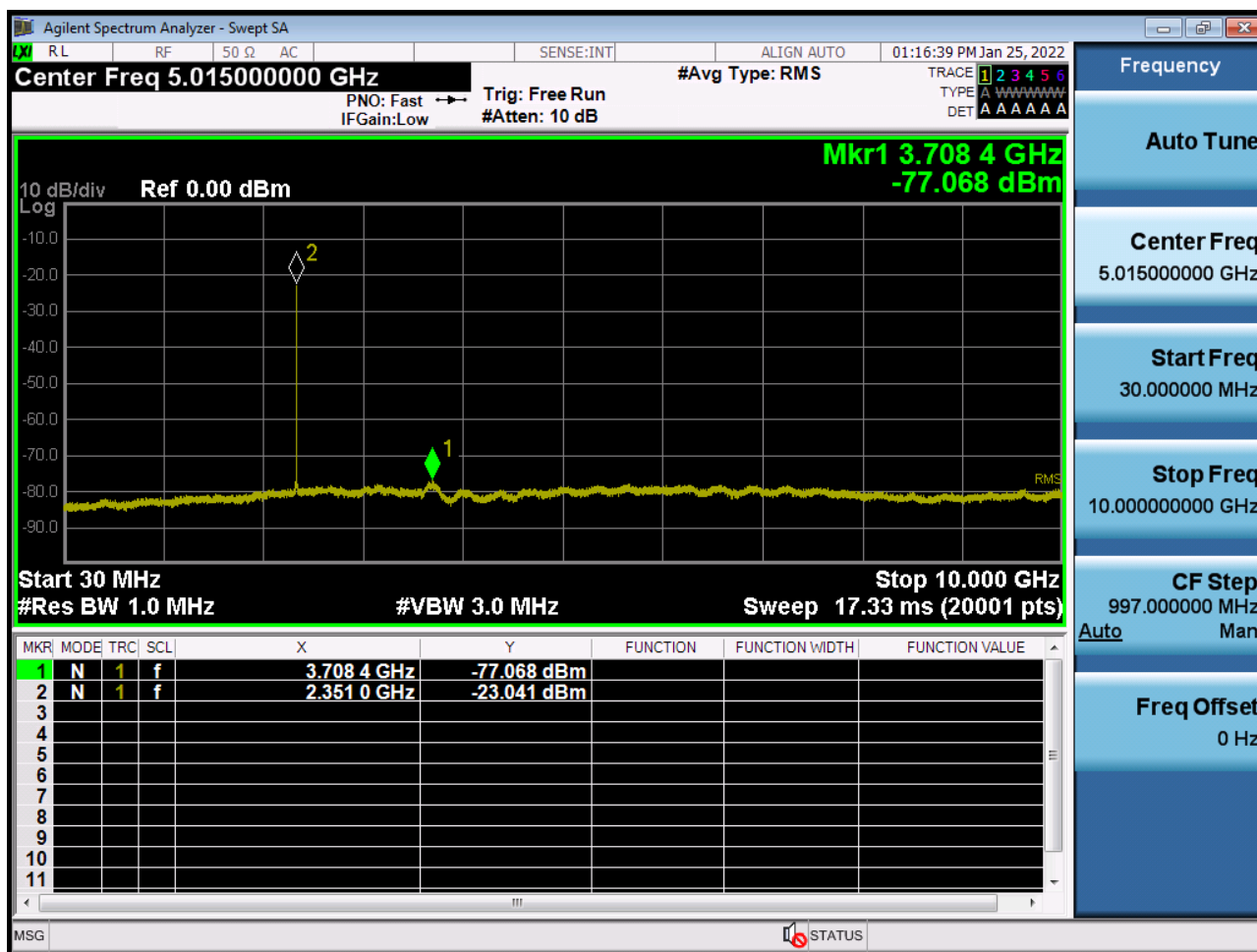


BAND 40. Conducted Spurious Plot 2 (10 MHz 2310 MHz_QPSK_1RB)

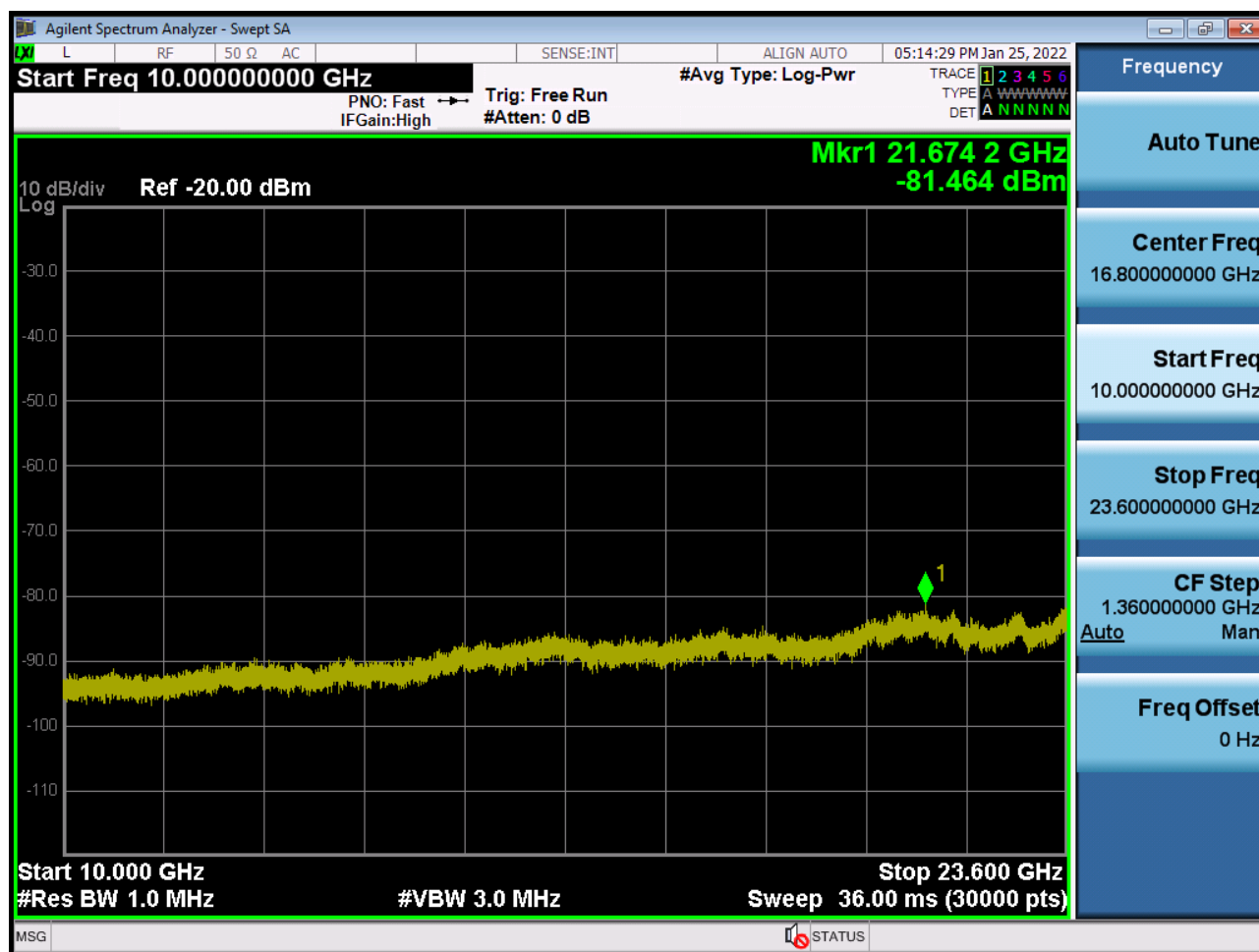


- Upper Side-

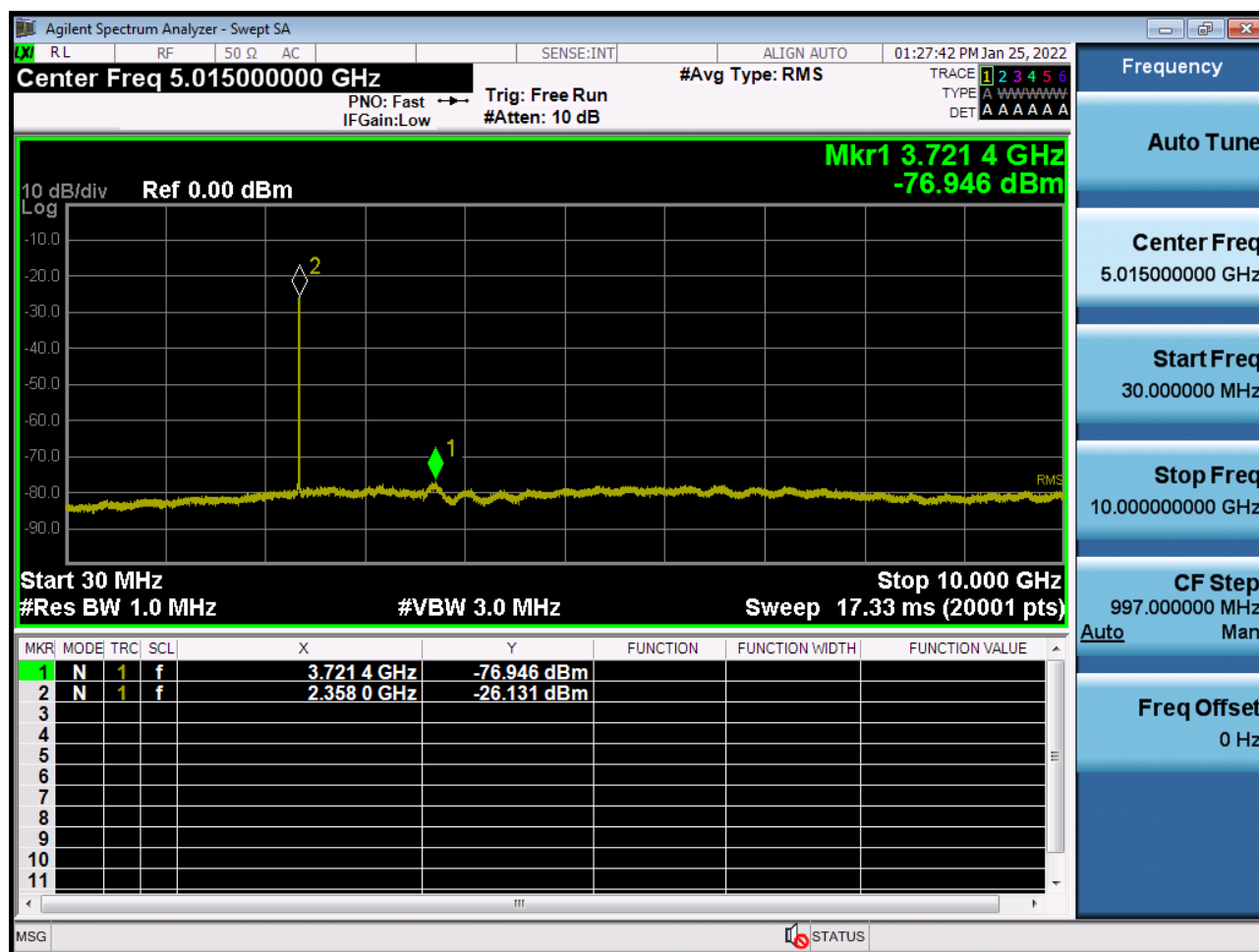
BAND 40. Conducted Spurious Plot 1 (5 MHz 2352.5 MHz_QPSK_1RB)



BAND 40. Conducted Spurious Plot 2 (5 MHz 2352.5 MHz_QPSK_1RB)



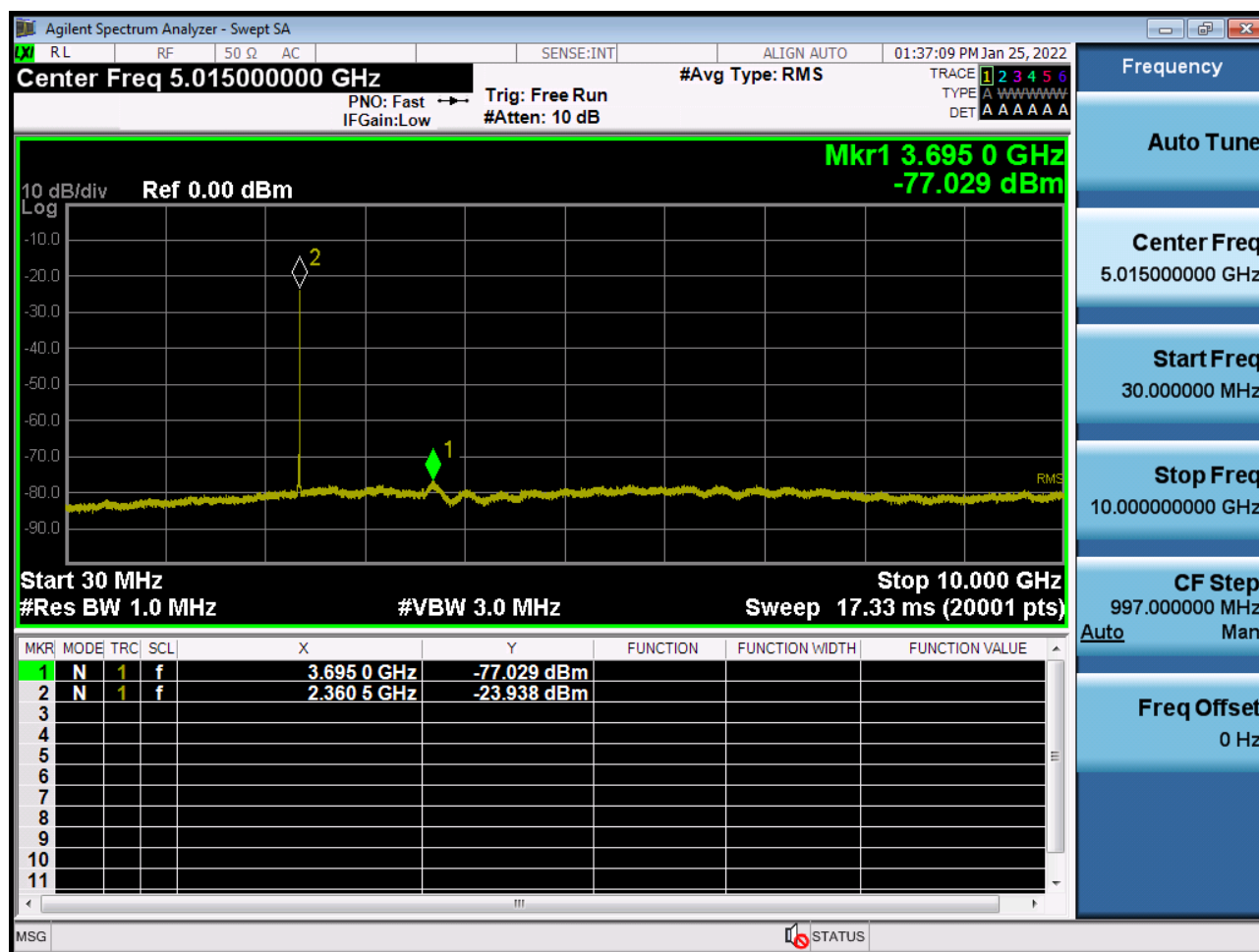
BAND 40. Conducted Spurious Plot 1 (5 MHz 2355 MHz_QPSK_1RB)



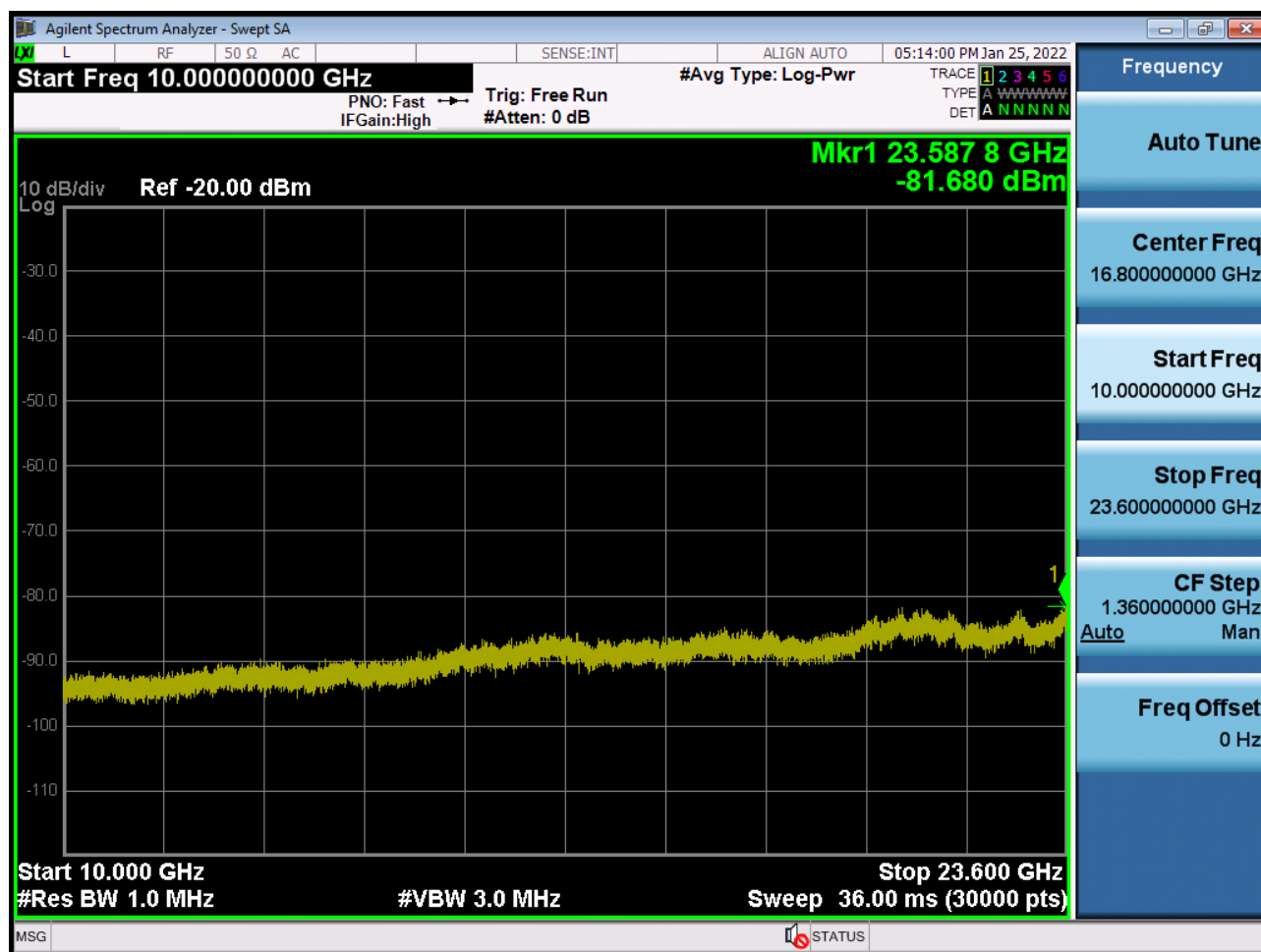
BAND 40. Conducted Spurious Plot 2 (5 MHz 2355 MHz_QPSK_1RB)



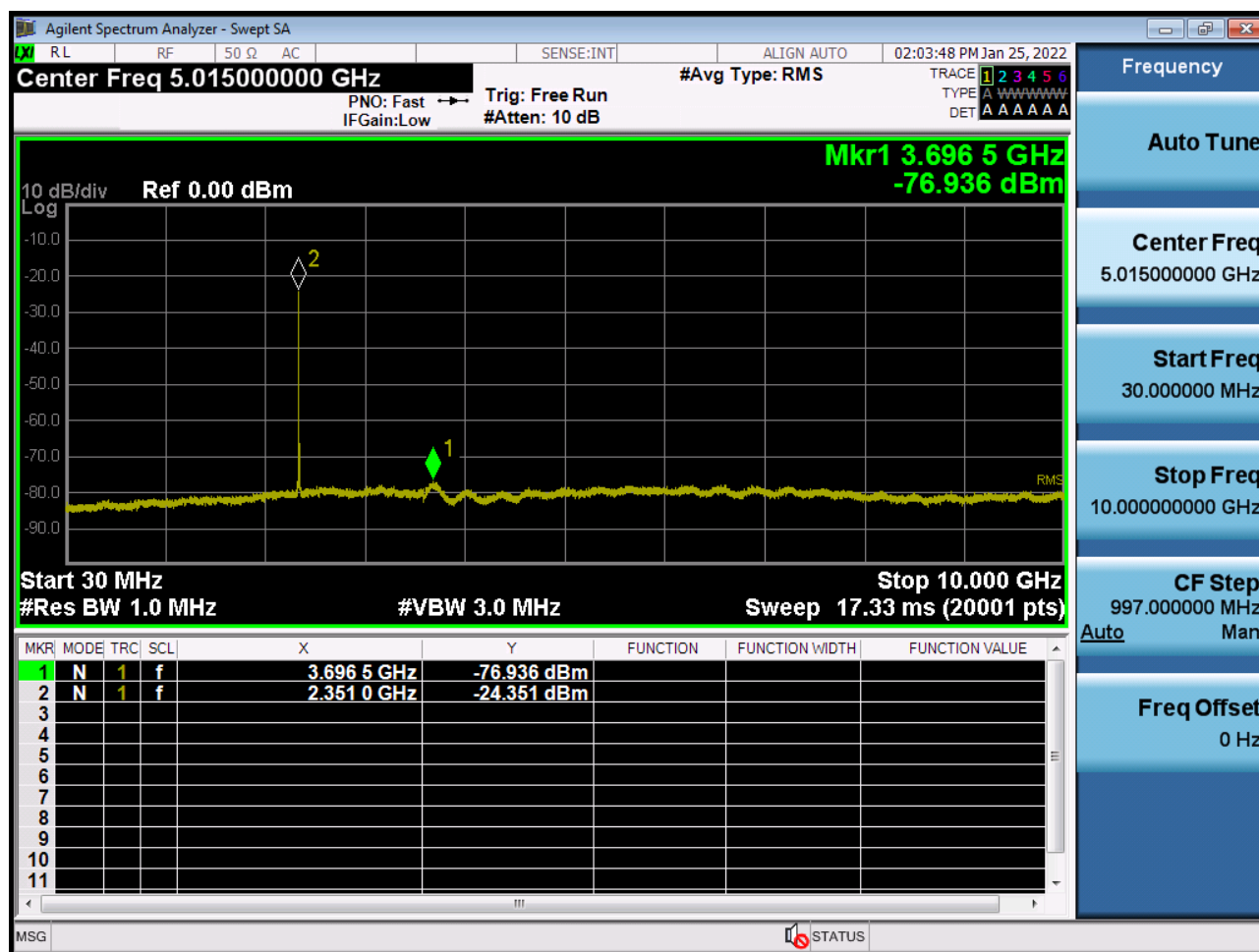
BAND 40. Conducted Spurious Plot 1 (5 MHz 2357.5 MHz_QPSK_1RB)



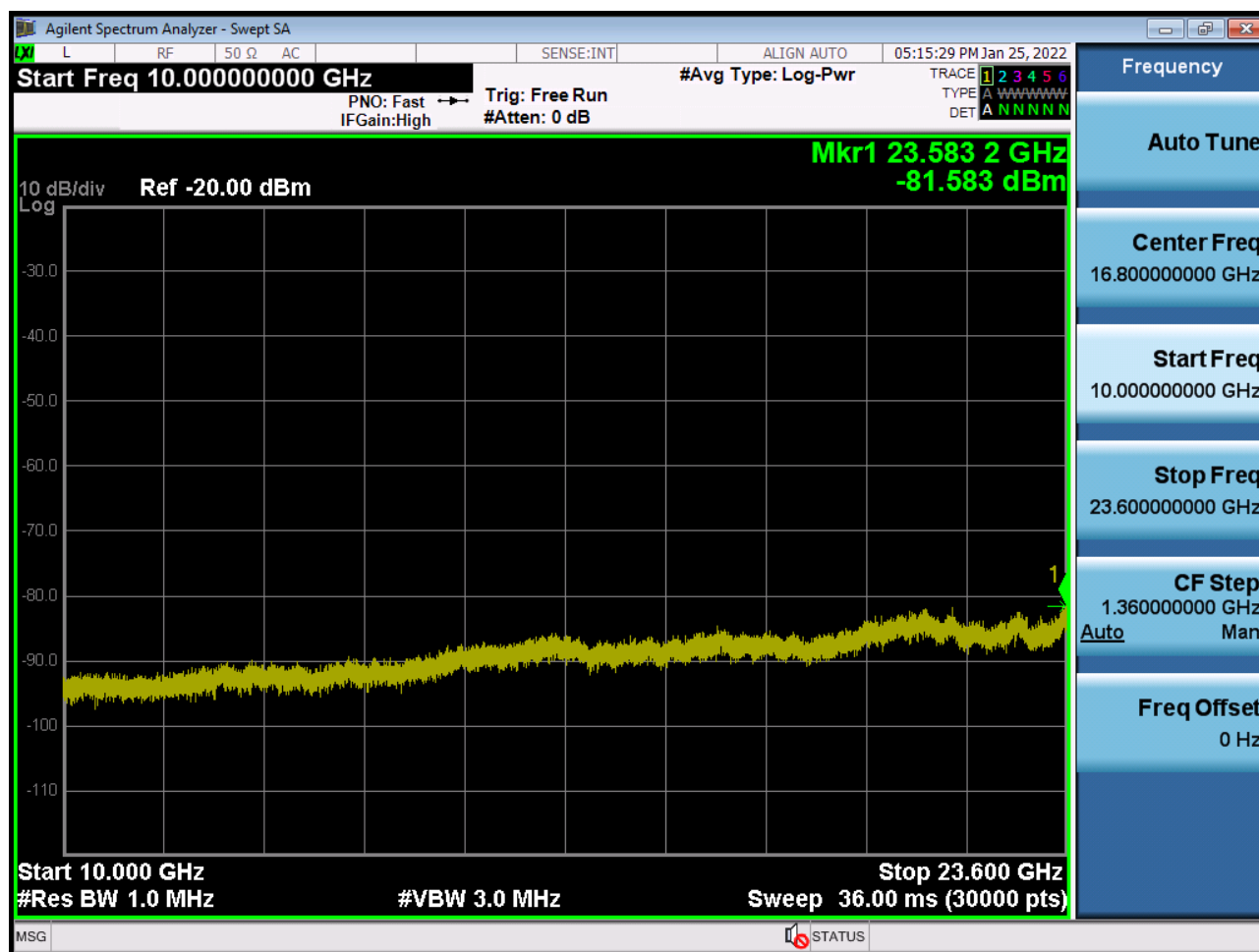
BAND 40. Conducted Spurious Plot 2 (5 MHz 2357.5 MHz_QPSK_1RB)



BAND 40. Conducted Spurious Plot 1 (10 MHz 2355 MHz_QPSK_1RB)



BAND 40. Conducted Spurious Plot 2 (10 MHz 2355 MHz_QPSK_1RB)



10. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2201-FC104-P