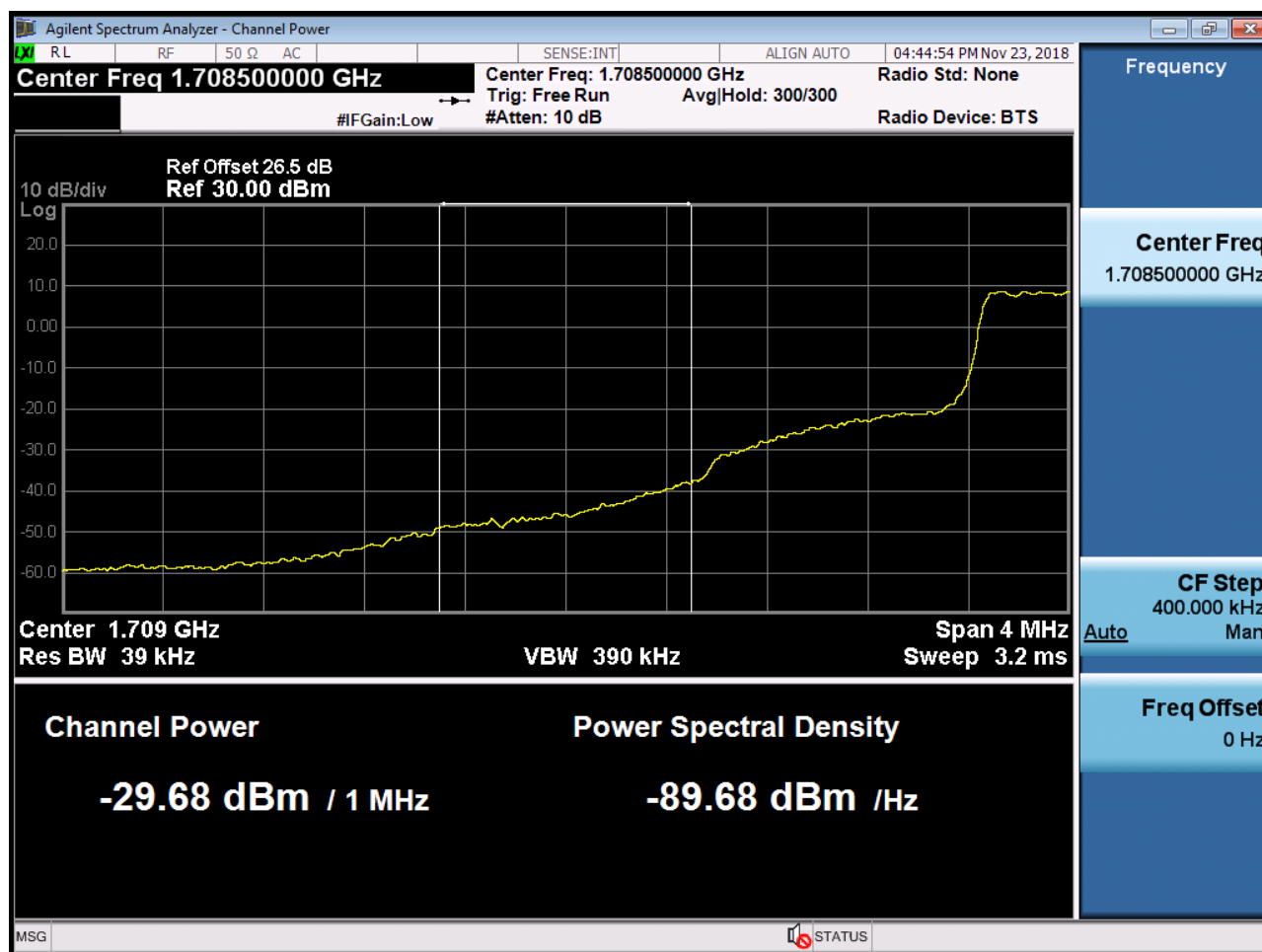


BAND 4. Lower Extended Band Edge Plot (1.4M BW Ch.19957 QPSK_RB6_0) -3



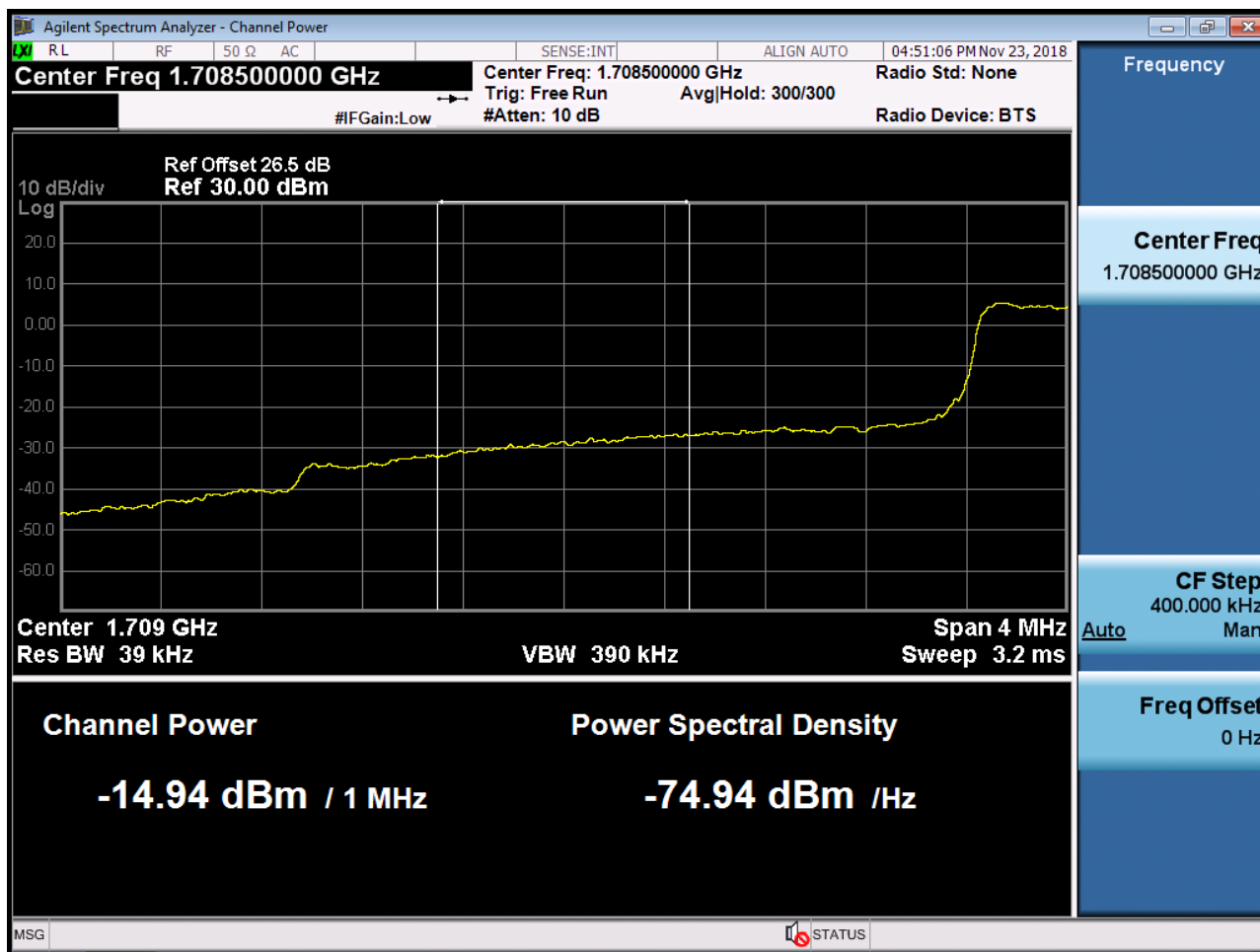
BAND 4. Lower Band Edge Plot (3M BW Ch.19965 QPSK RB 1, Offset 0) -1



BAND 4. Lower Band Edge Plot (3M BW Ch.19965 QPSK RB 15) -2



BAND 4. Lower Extended Band Edge Plot (3M BW Ch.19965 QPSK_RB15_0) -3



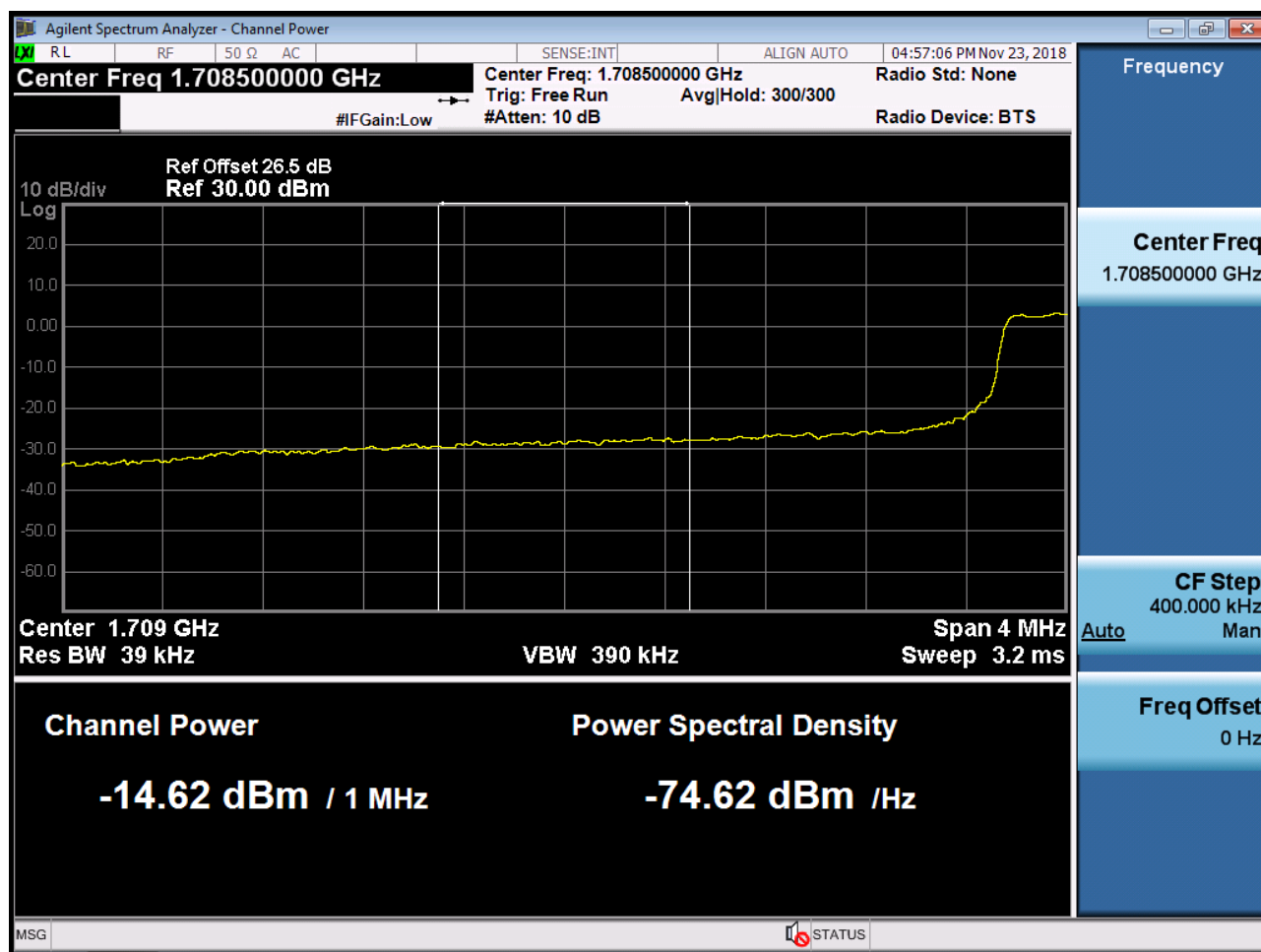
BAND 4. Lower Band Edge Plot (5M BW Ch.19975 QPSK RB 1, Offset 0) -1



BAND 4. Lower Band Edge Plot (5M BW Ch.19975 QPSK RB 25) -2



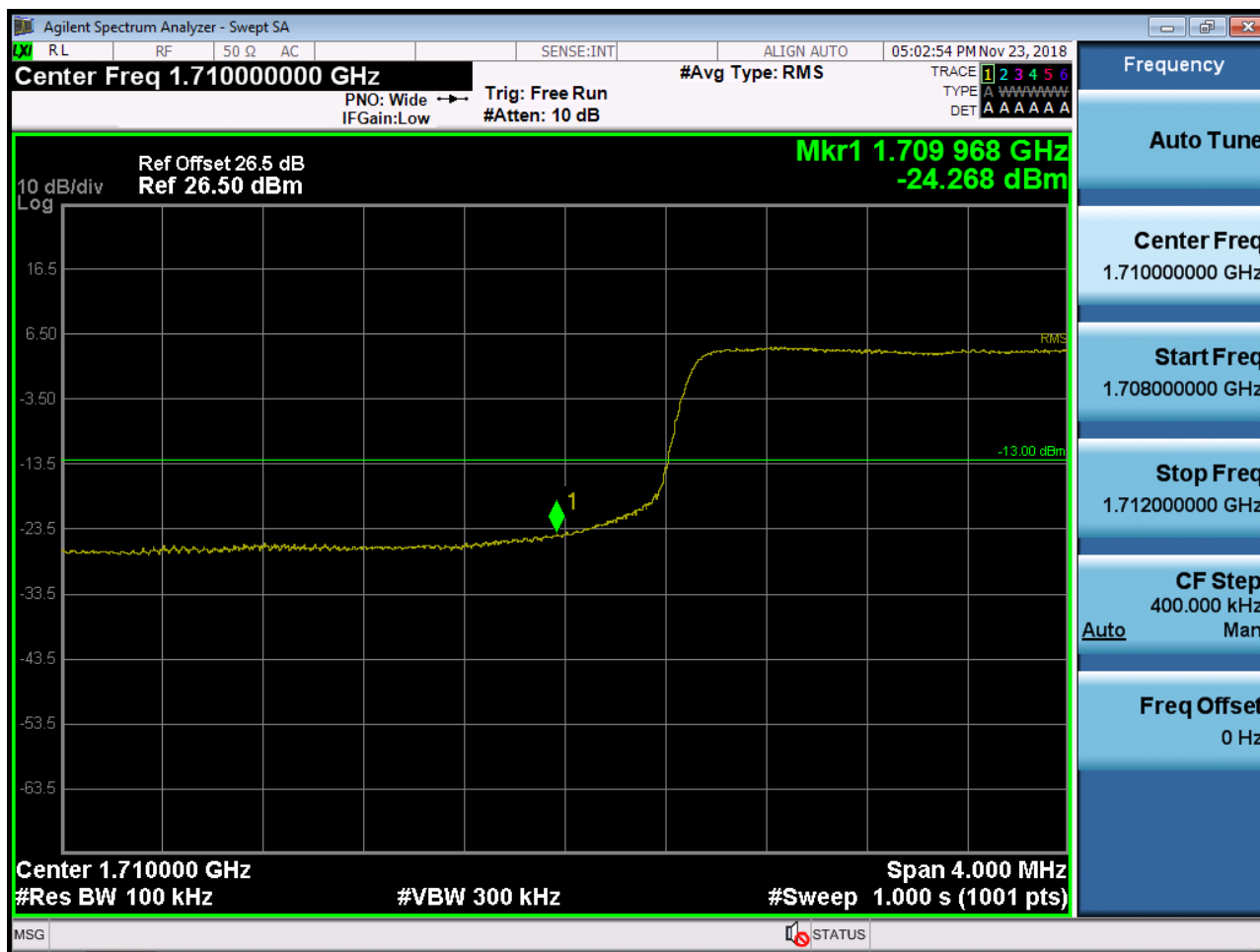
BAND 4. Lower Extended Band Edge Plot (5M BW Ch.19975 QPSK_RB25_0) -3



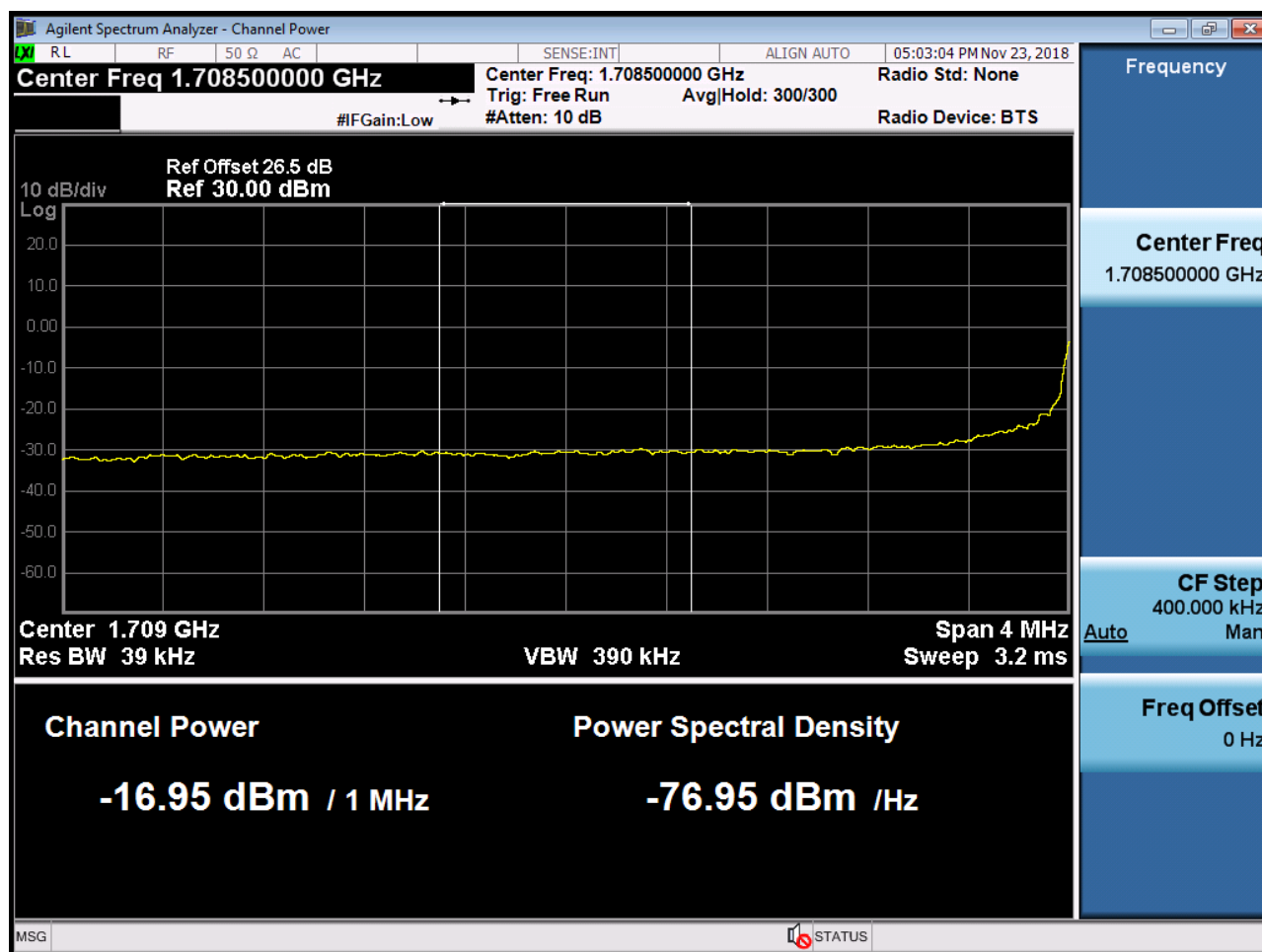
BAND 4. Lower Band Edge Plot (10M BW Ch.20000 QPSK RB 1, Offset 0) -1



BAND 4. Lower Band Edge Plot (10M BW Ch.20000 QPSK RB 50) -2



BAND 4. Lower Extended Band Edge Plot (10M BW Ch.20000 QPSK_RB50_0) -3



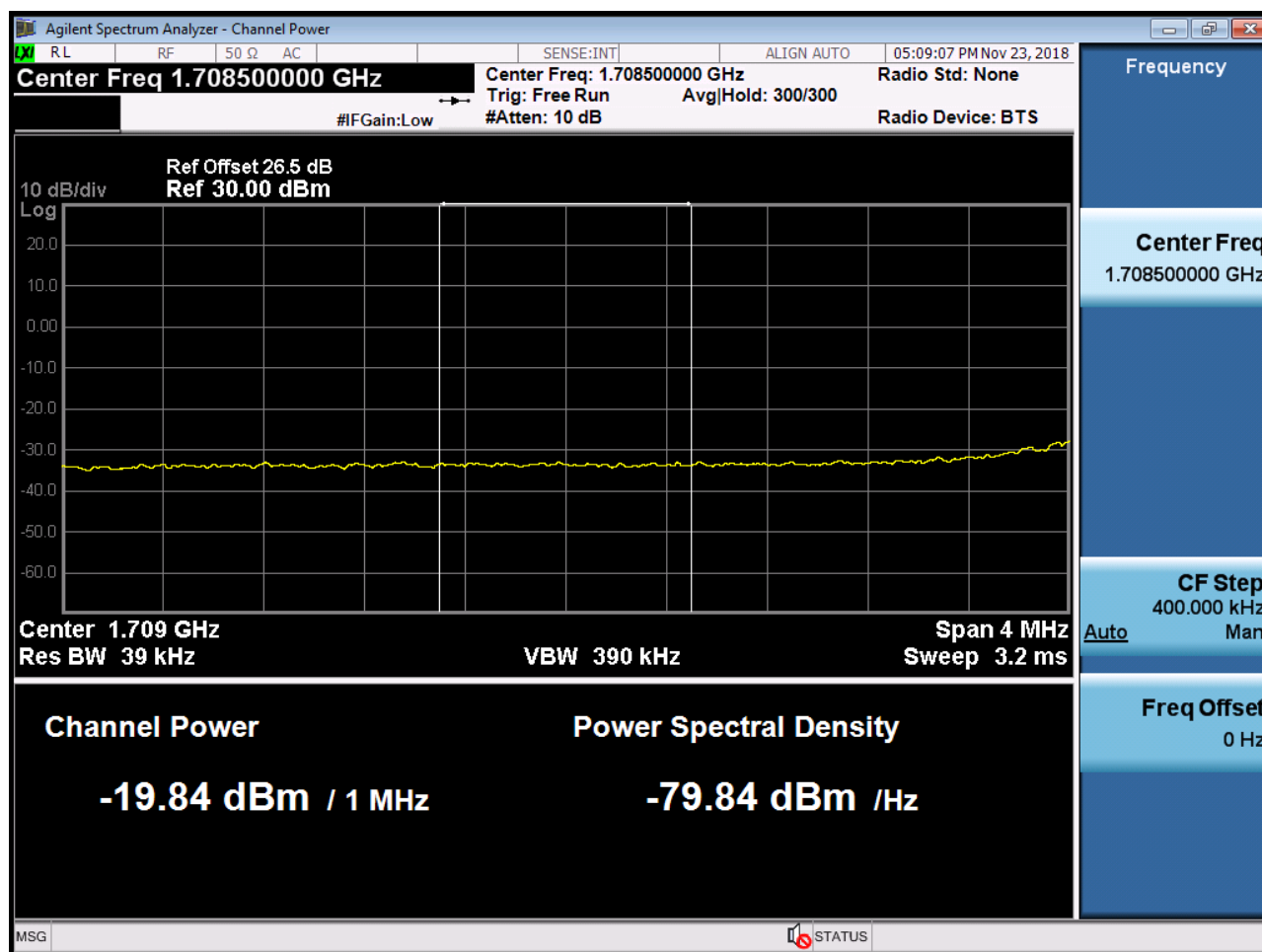
BAND 4. Lower Band Edge Plot (15M BW Ch.20025 QPSK RB 1, Offset 0) -1



BAND 4. Lower Band Edge Plot (15M BW Ch.20025 QPSK RB 75) -2



BAND 4. Lower Extended Band Edge Plot (15M BW Ch.20025 QPSK_RB75_0) -3



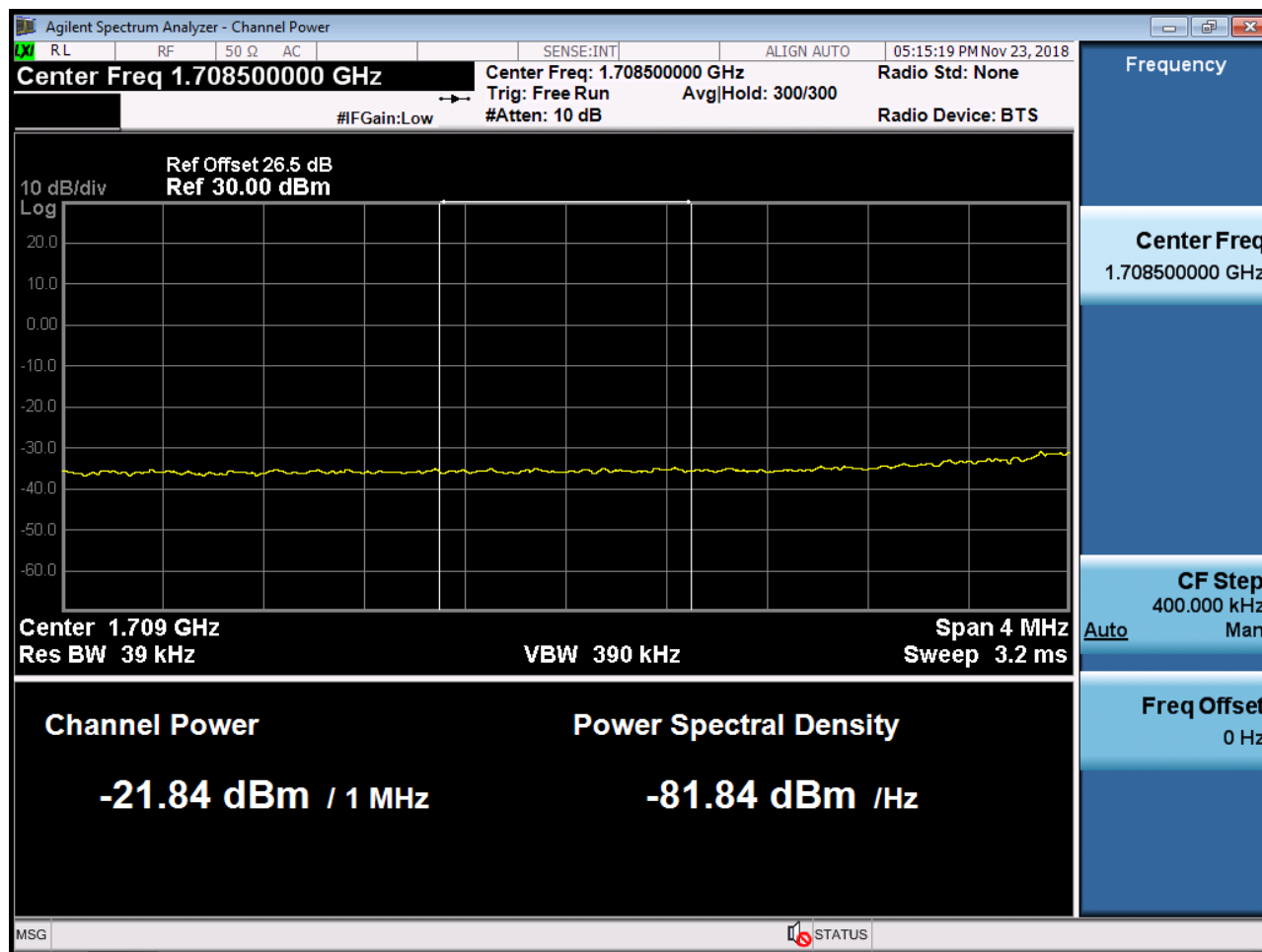
BAND 4. Lower Band Edge Plot (20M BW Ch.20050 QPSK RB 1, Offset 0) -1



BAND 4. Lower Band Edge Plot (20M BW Ch.20050 QPSK RB 100) -2



BAND 4. Lower Extended Band Edge Plot (20M BW Ch.20050 QPSK_RB100_0) -3



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:49:29 PM Nov 23, 2018

Center Freq 1.75500000 GHz #Avg Type: RMS

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

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

10 dB/div Ref Offset 26.5 dB
Log Ref 26.50 dBm

Mkr1 1.755 004 GHz
-26.005 dBm

16.5
6.50
-3.50
-13.5
-23.5
-33.5
-43.5
-53.5
-63.5

Center 1.755000 GHz
#Res BW 15 kHz

Span 4.000 MHz
#Sweep 1.000 s (1001 pts)

#VBW 47 kHz

MSG STATUS

Frequency

Auto Tune

Center Freq
1.75500000 GHz

Start Freq
1.75300000 GHz

Stop Freq
1.75700000 GHz

CF Step
400.000 kHz
Auto Man

Freq Offset
0 Hz

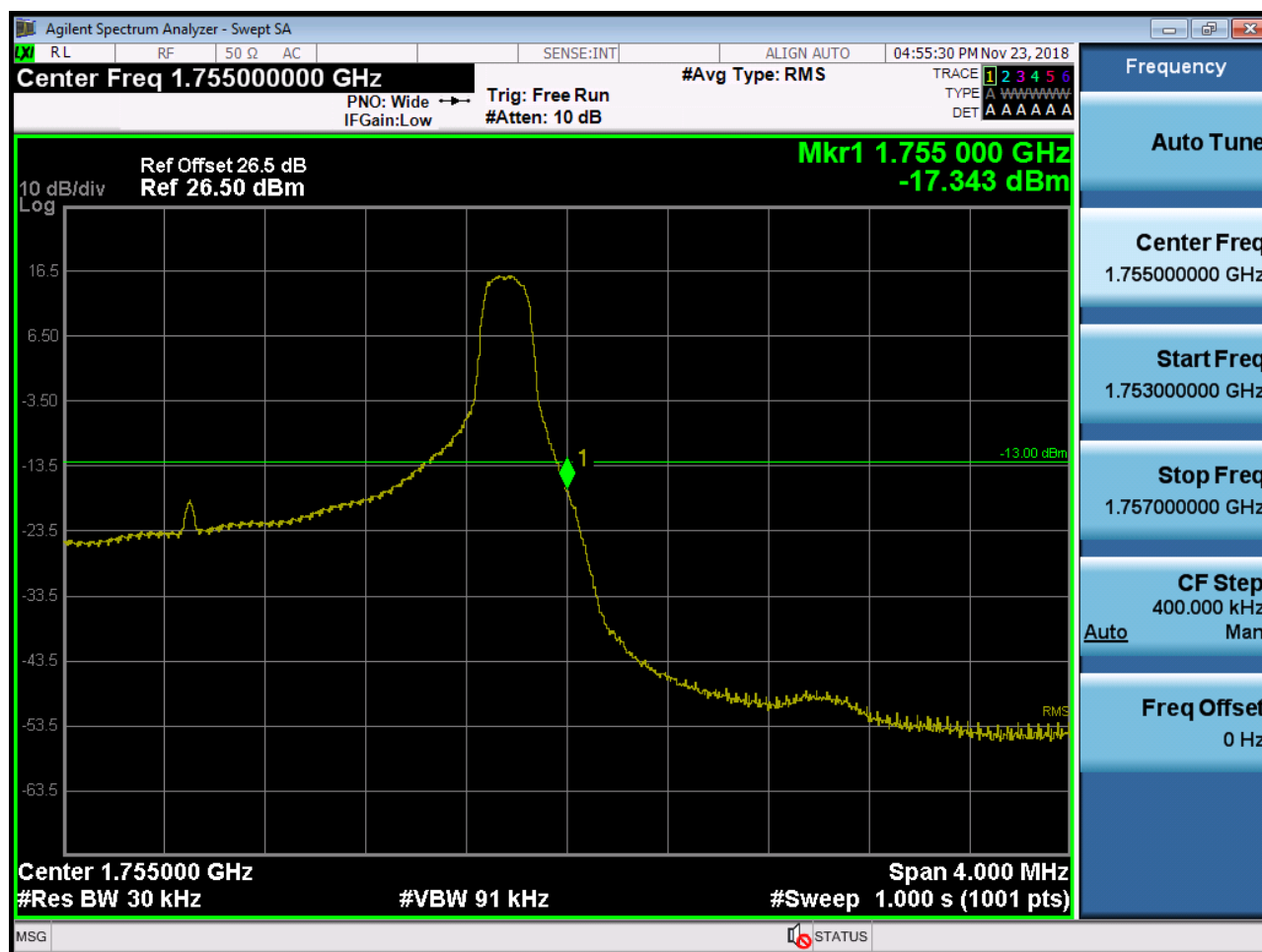
BAND 4. Upper Band Edge Plot (1.4M BW Ch.20393 QPSK_RB6) -2



BAND 4. Upper Extended Band Edge Plot (1.4M BW Ch. 20393 QPSK_RB6_0) -3



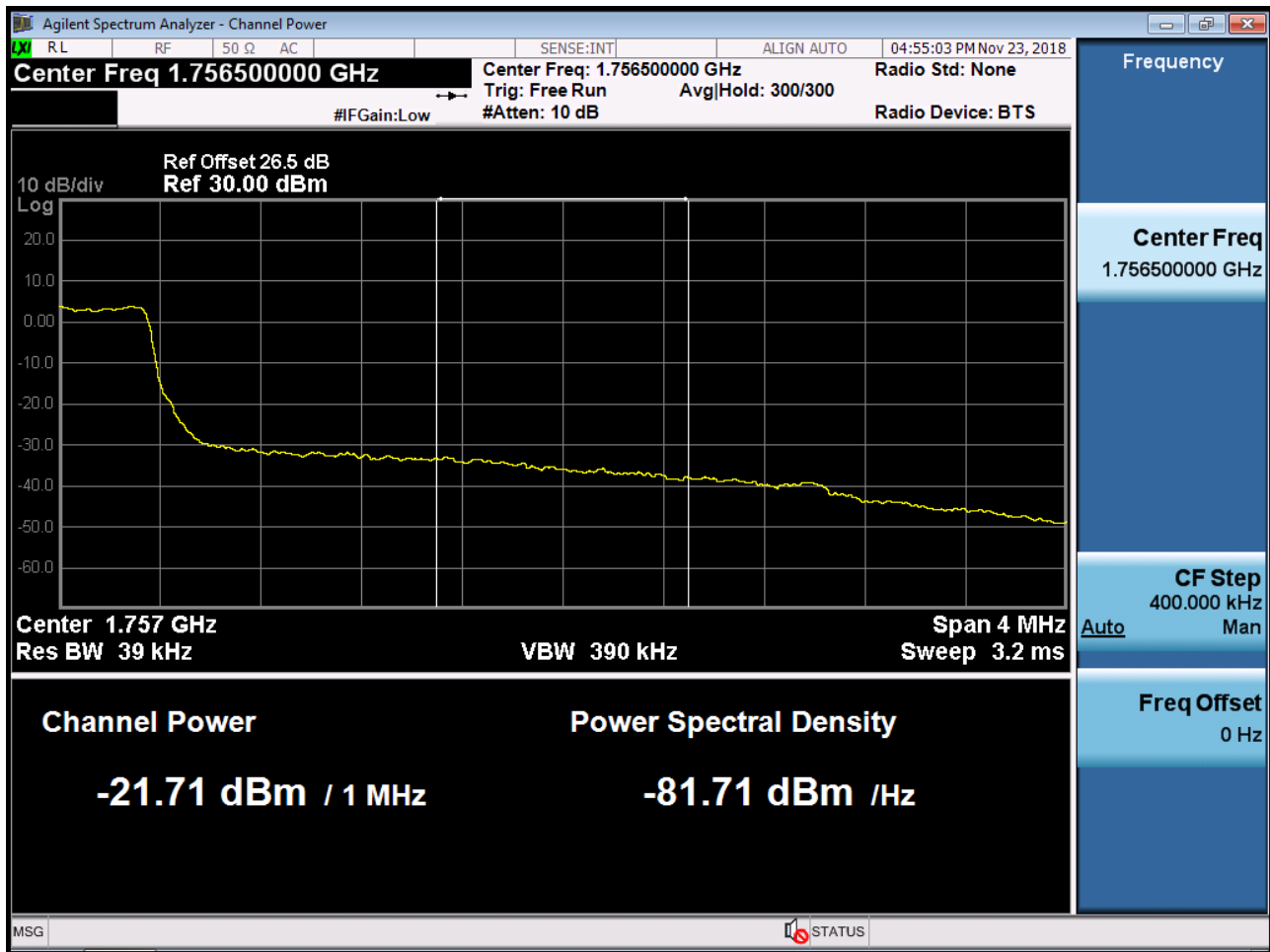
BAND 4. Upper Band Edge Plot (3M BW Ch.20385 QPSK_RB1_Offset 14) -1



BAND 4. Upper Band Edge Plot (3M BW Ch.20385 QPSK_RB15) -2



BAND 4. Upper Extended Band Edge Plot (3M BW Ch.20385 QPSK_RB15_0) -3



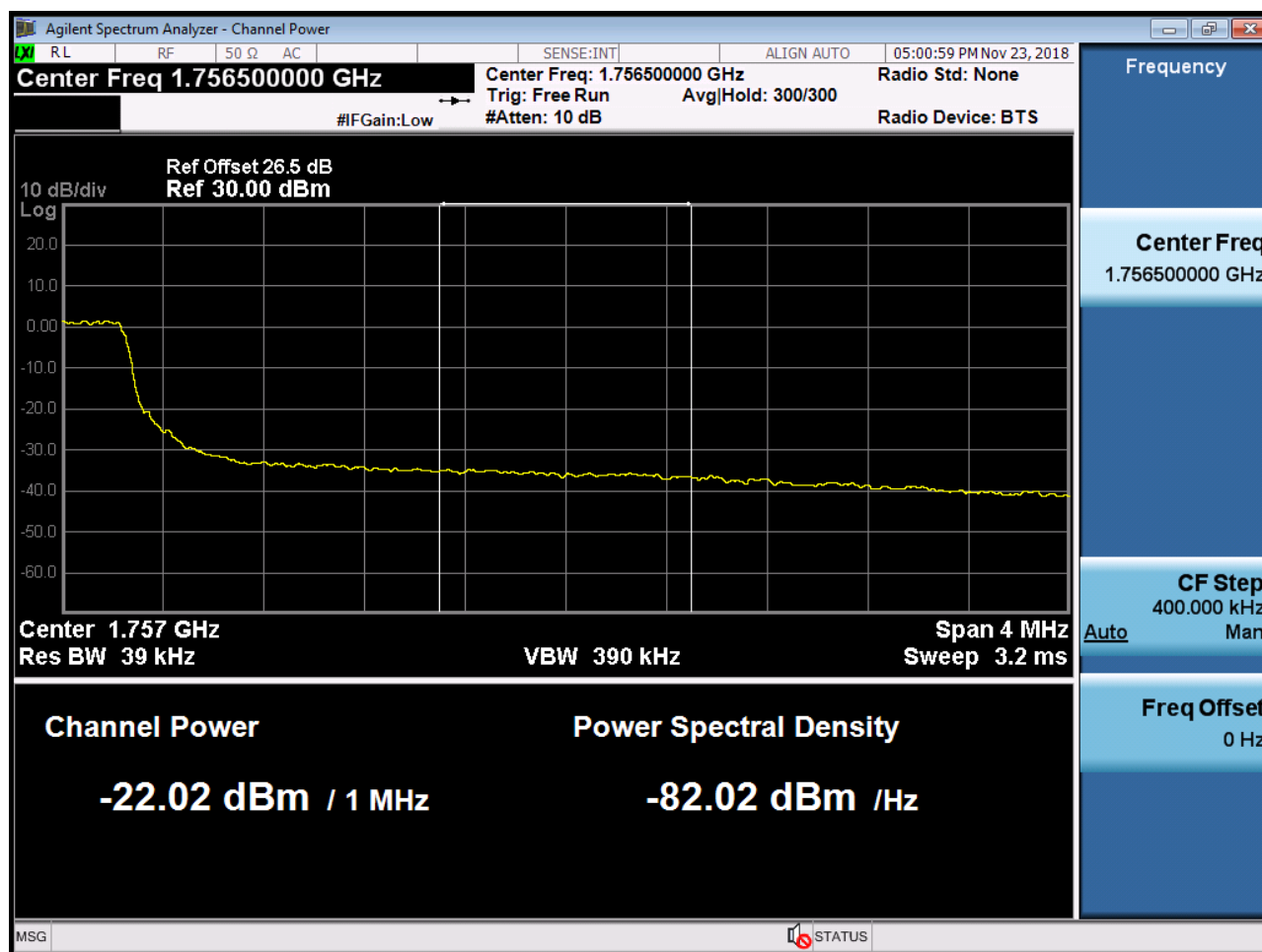
BAND 4. Upper Band Edge Plot (5M BW Ch.20375 QPSK_RB1_Offset 24) -1



BAND 4. Upper Band Edge Plot (5M BW Ch.20375 QPSK_RB25) -2



BAND 4. Upper Extended Band Edge Plot (5M BW Ch.20375 QPSK_RB25) -3



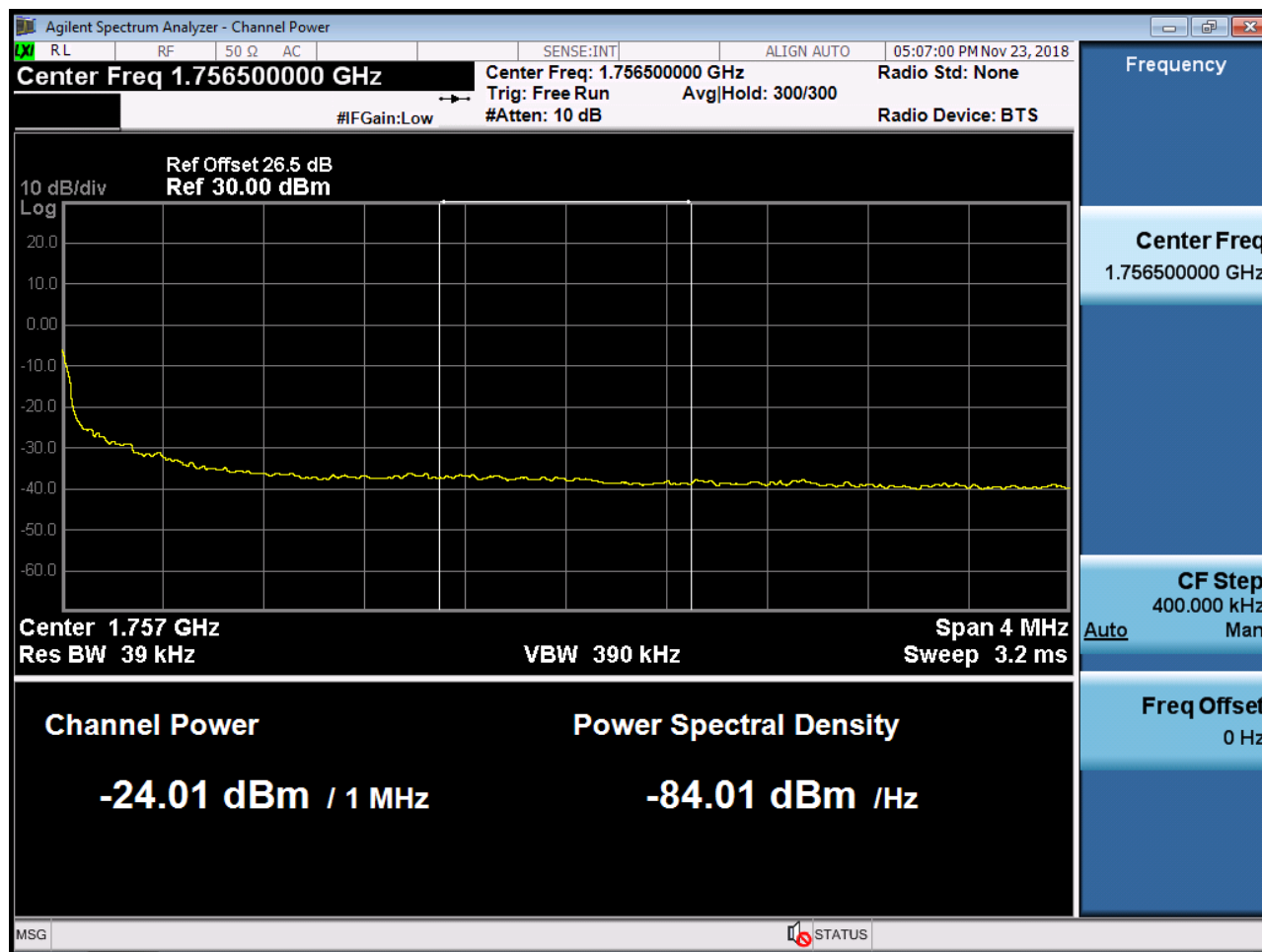
BAND 4. Upper Band Edge Plot (10M BW Ch.20350 QPSK_RB1_Offset 49) -1



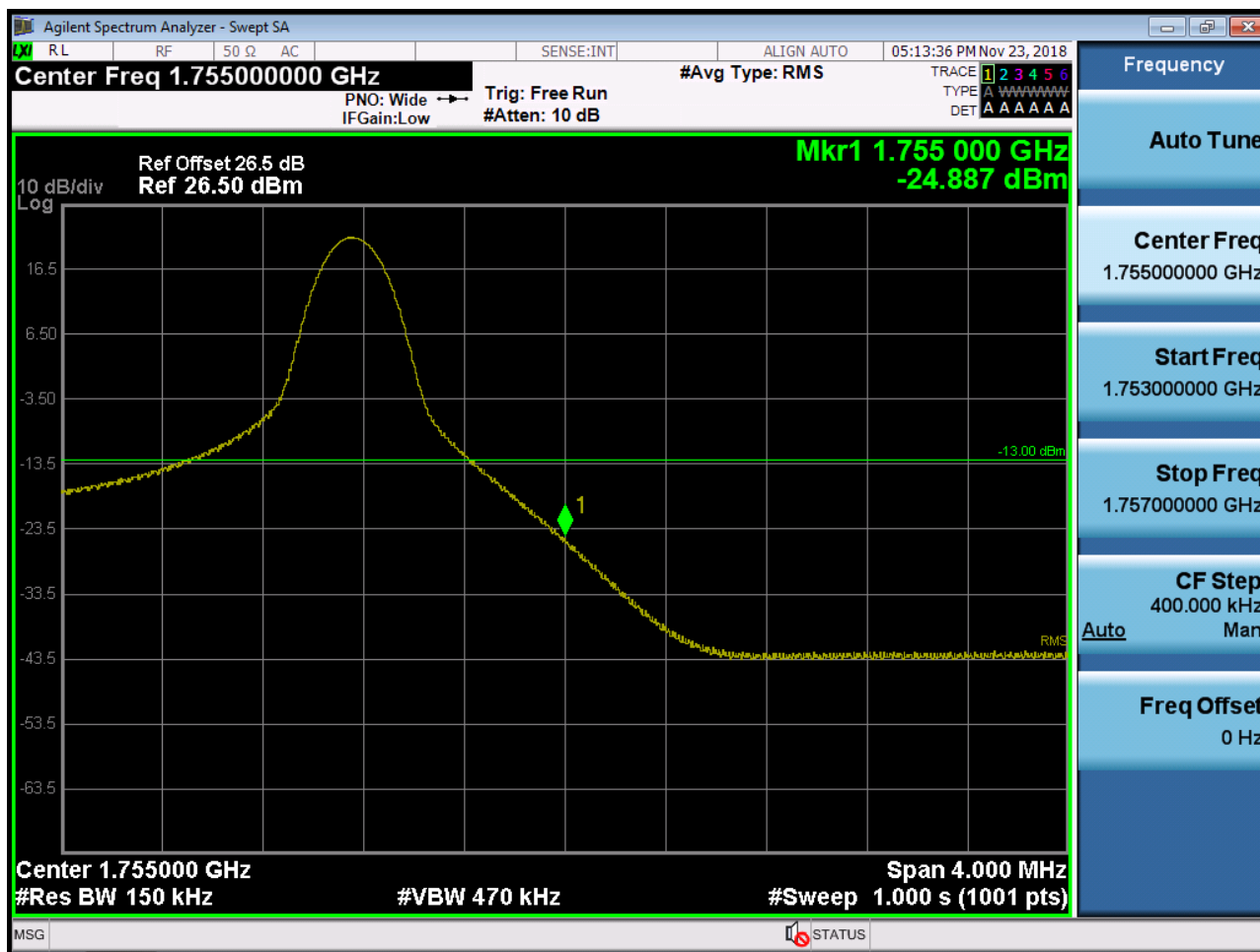
BAND 4. Upper Band Edge Plot (10M BW Ch.20350 QPSK_RB50) -2



BAND 4. Upper Extended Band Edge Plot (10M BW Ch.20350 QPSK_RB50) -3



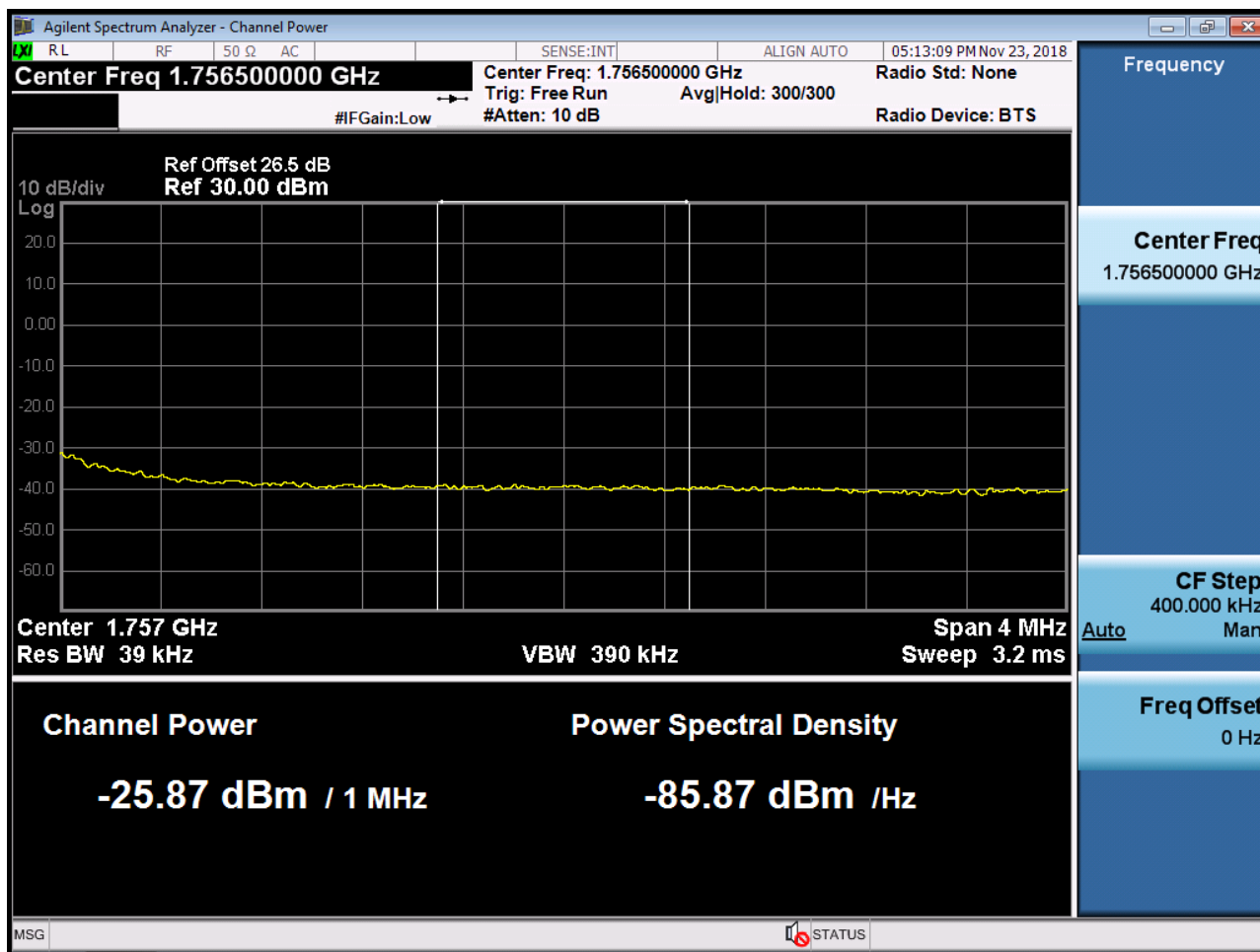
BAND 4. Upper Band Edge Plot (15M BW Ch.20325 QPSK_RB1_Offset 74) -1



BAND 4. Upper Band Edge Plot (15M BW Ch.20325 QPSK_RB75) -2



BAND 4. Upper Extended Band Edge Plot (15M BW Ch.20325 QPSK_RB75) -3



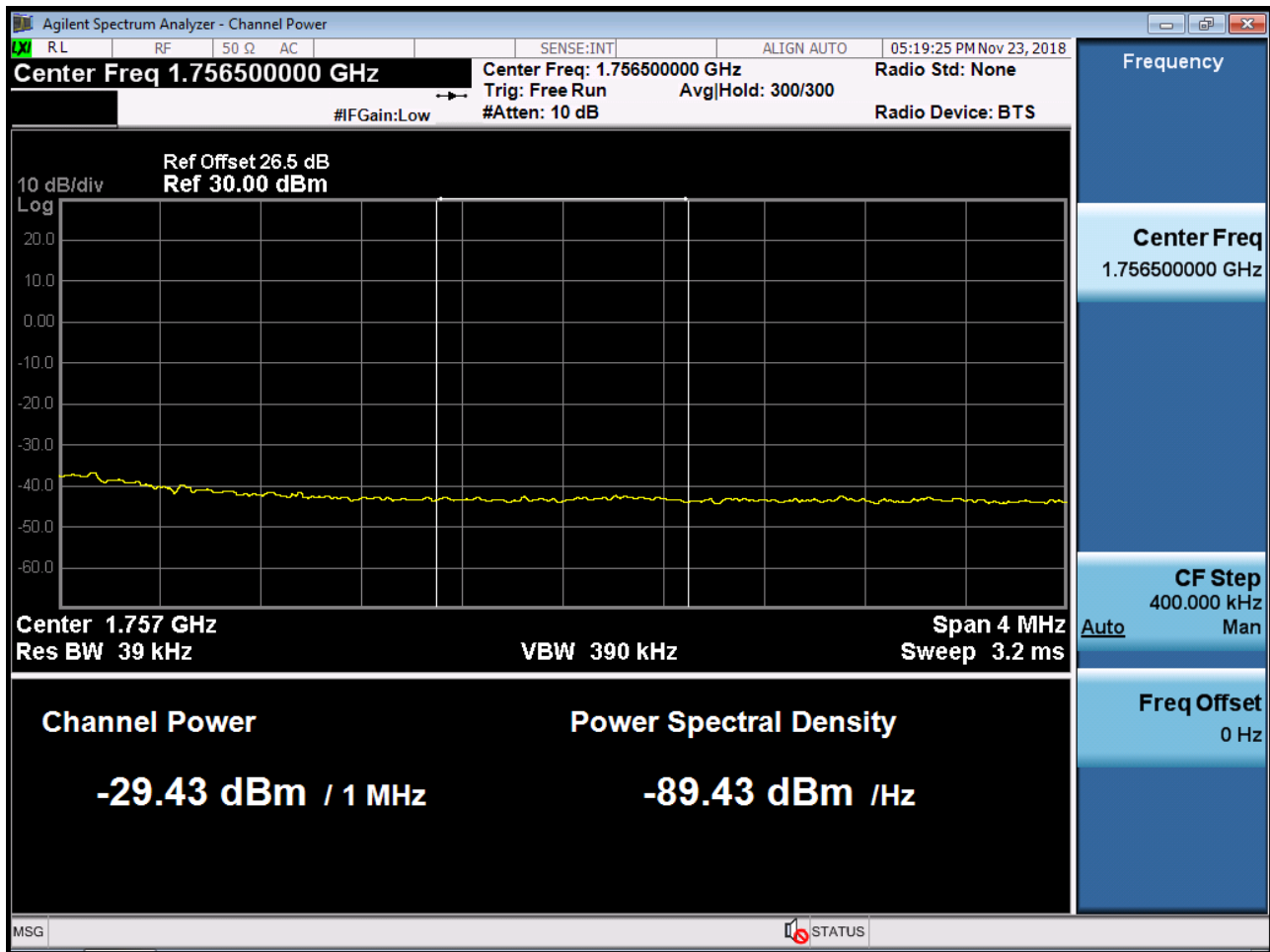
BAND 4. Upper Band Edge Plot (20M BW Ch.20300 QPSK_RB1_Offset 99) -1

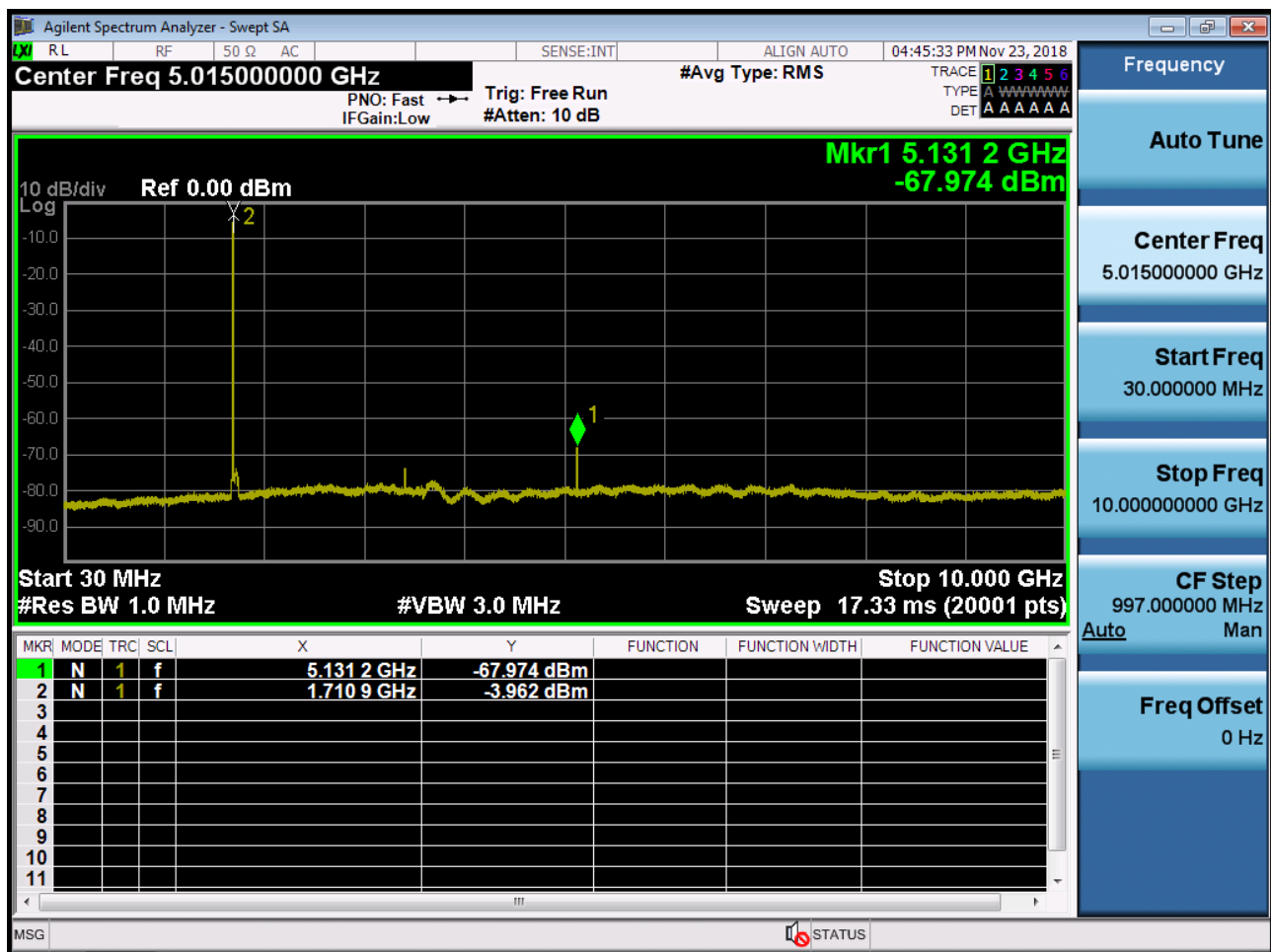


BAND 4. Upper Band Edge Plot (20M BW Ch.20300 QPSK_RB100) -2



BAND 4. Upper Extended Band Edge Plot (20M BW Ch.20300 QPSK_RB100) -3





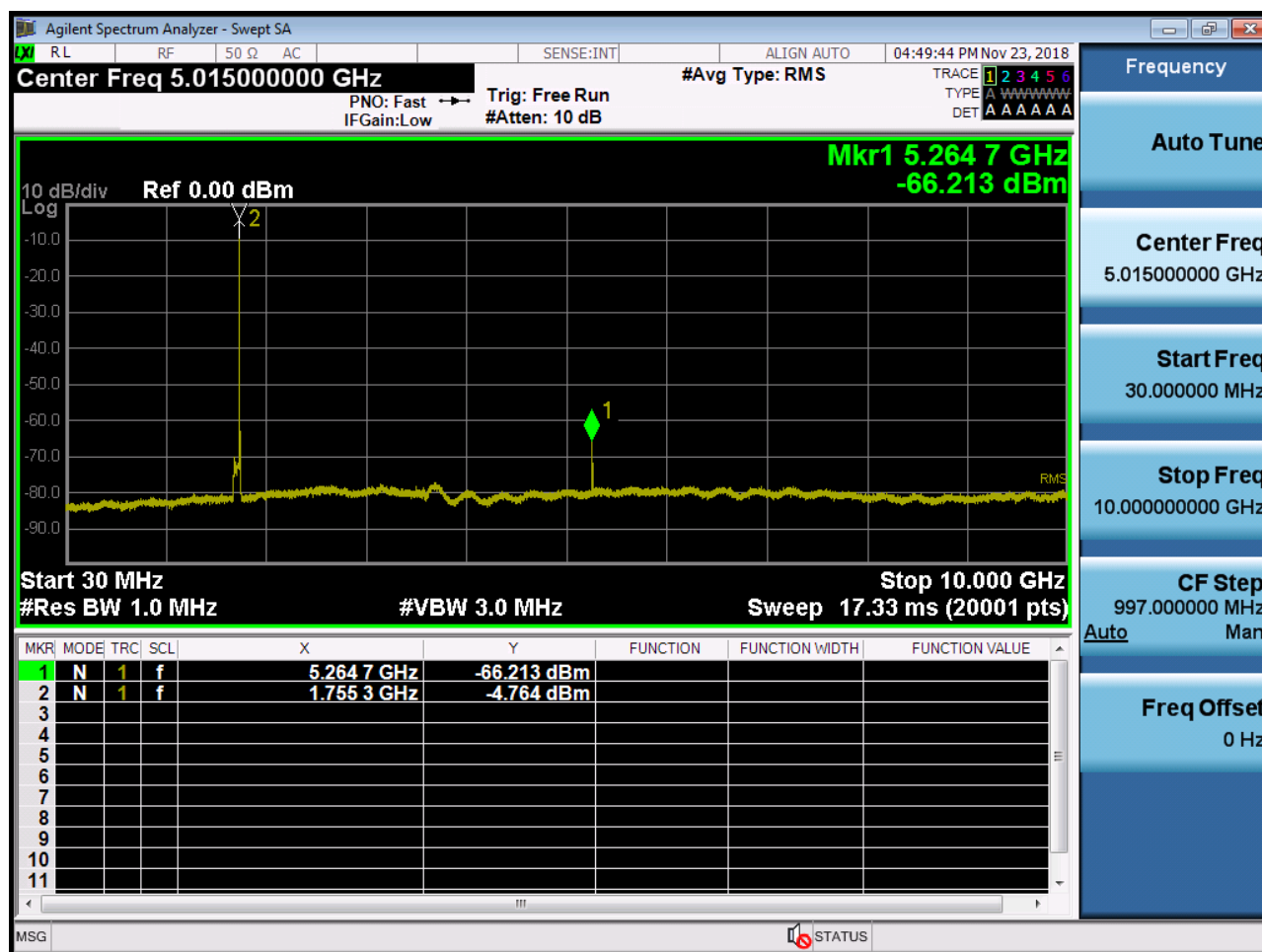
BAND 4. Conducted Spurious Plot_2 (19957ch_1.4MHz_QPSK_ RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20175ch_1.4MHz_QPSK_ RB 1_0)



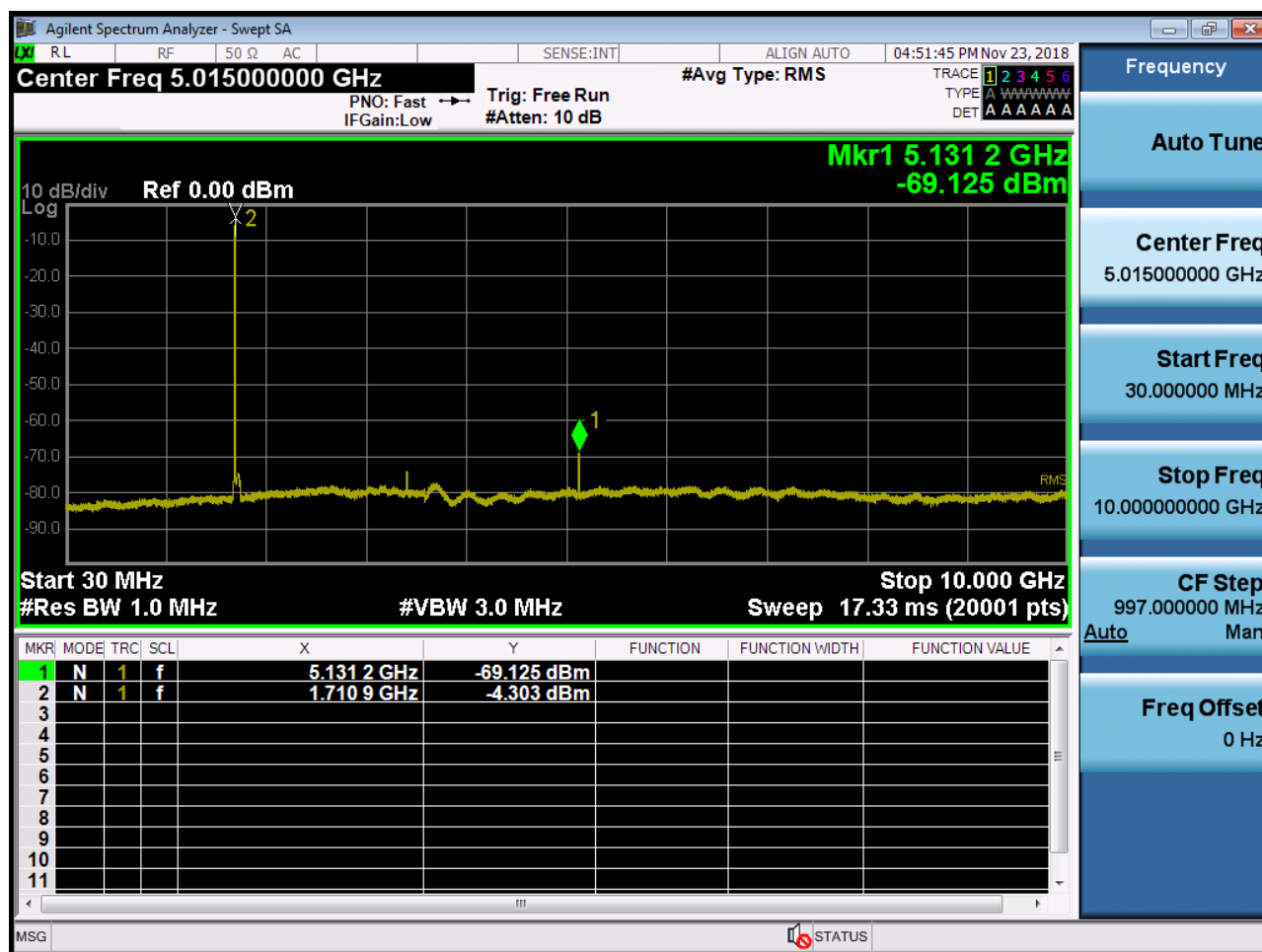
BAND 4. Conducted Spurious Plot_1 (20393ch_1.4MHz_QPSK_ RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20393ch_1.4MHz_QPSK_ RB 1_0)



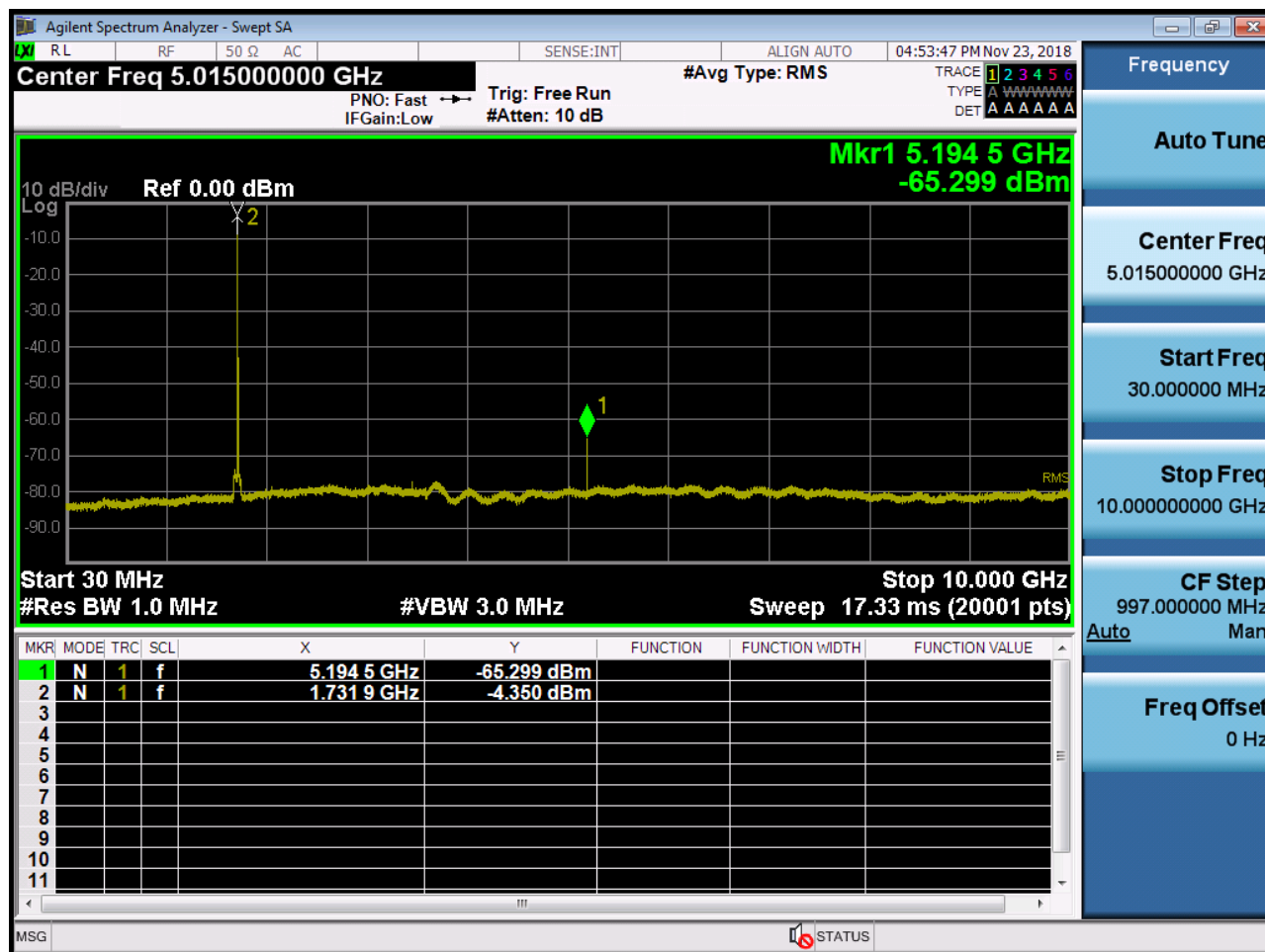
BAND 4. Conducted Spurious Plot_1 (19965ch_3MHz_QPSK_ RB 1_0)



BAND 4. Conducted Spurious Plot_2 (19965ch_3MHz_QPSK_ RB 1_0)



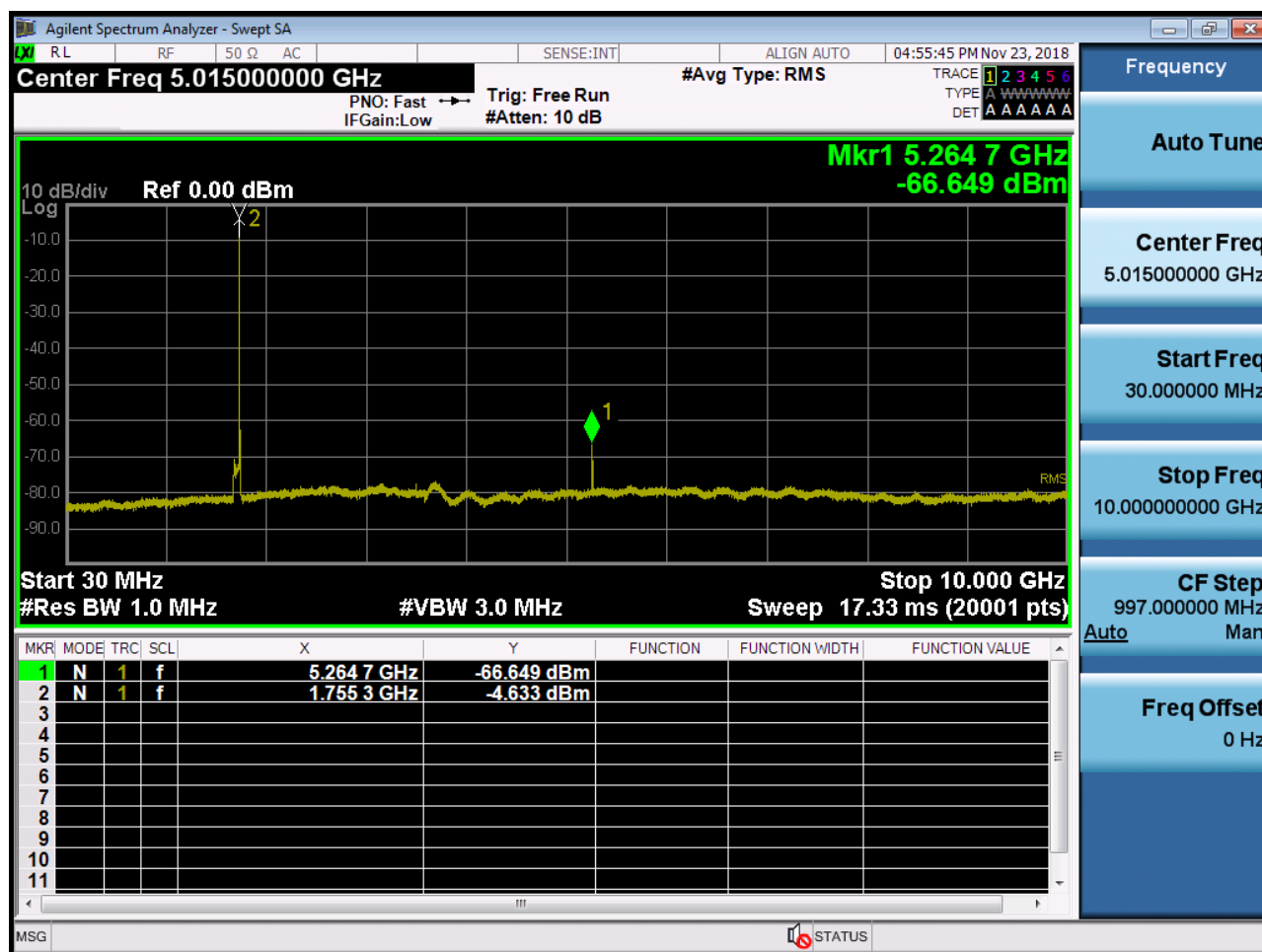
BAND 4. Conducted Spurious Plot_1 (20175ch_3MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20175ch_3MHz_QPSK_ RB 1_0)



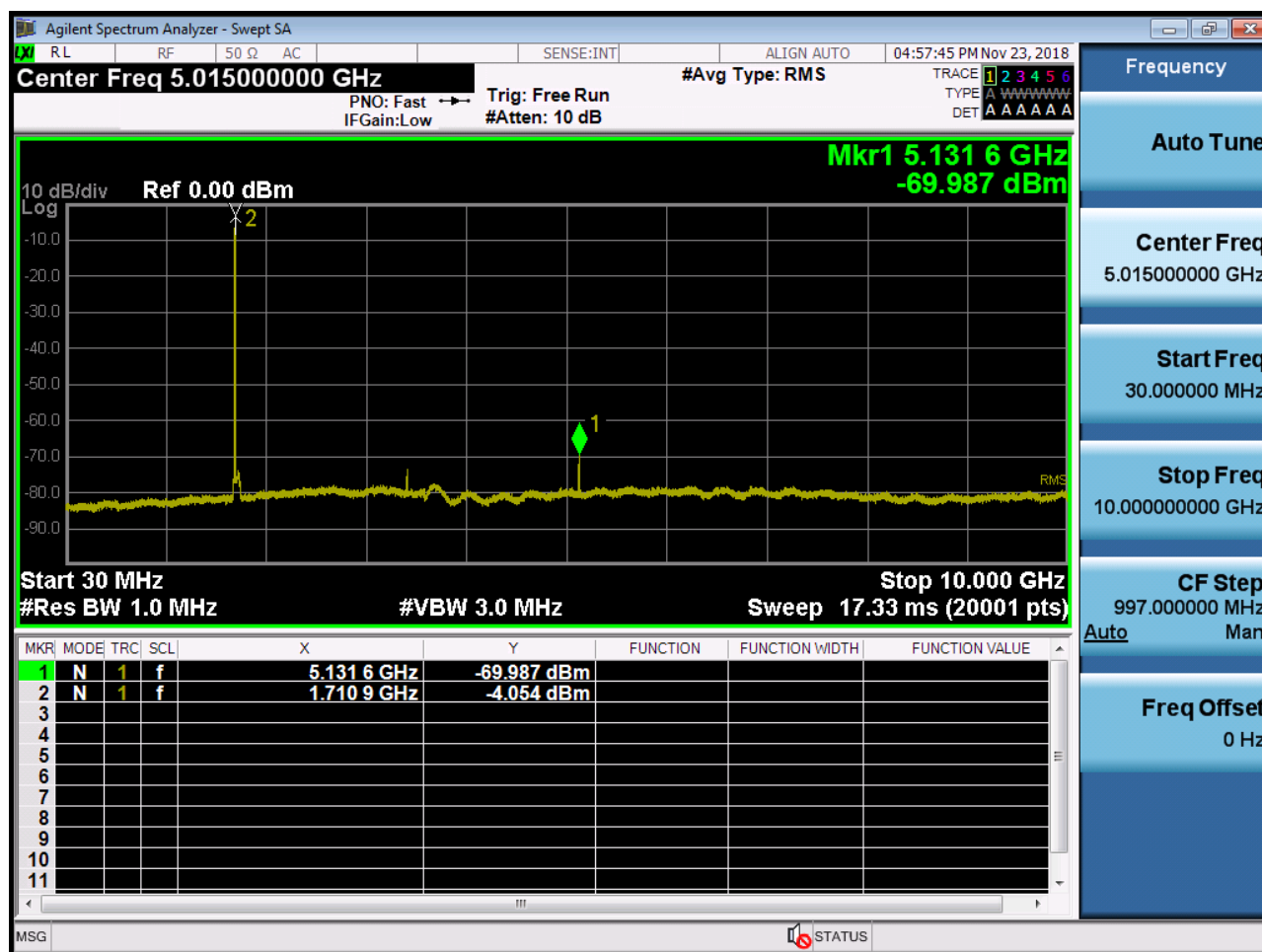
BAND 4. Conducted Spurious Plot_1 (20385ch_3MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20385ch_3MHz_QPSK_ RB 1_0)



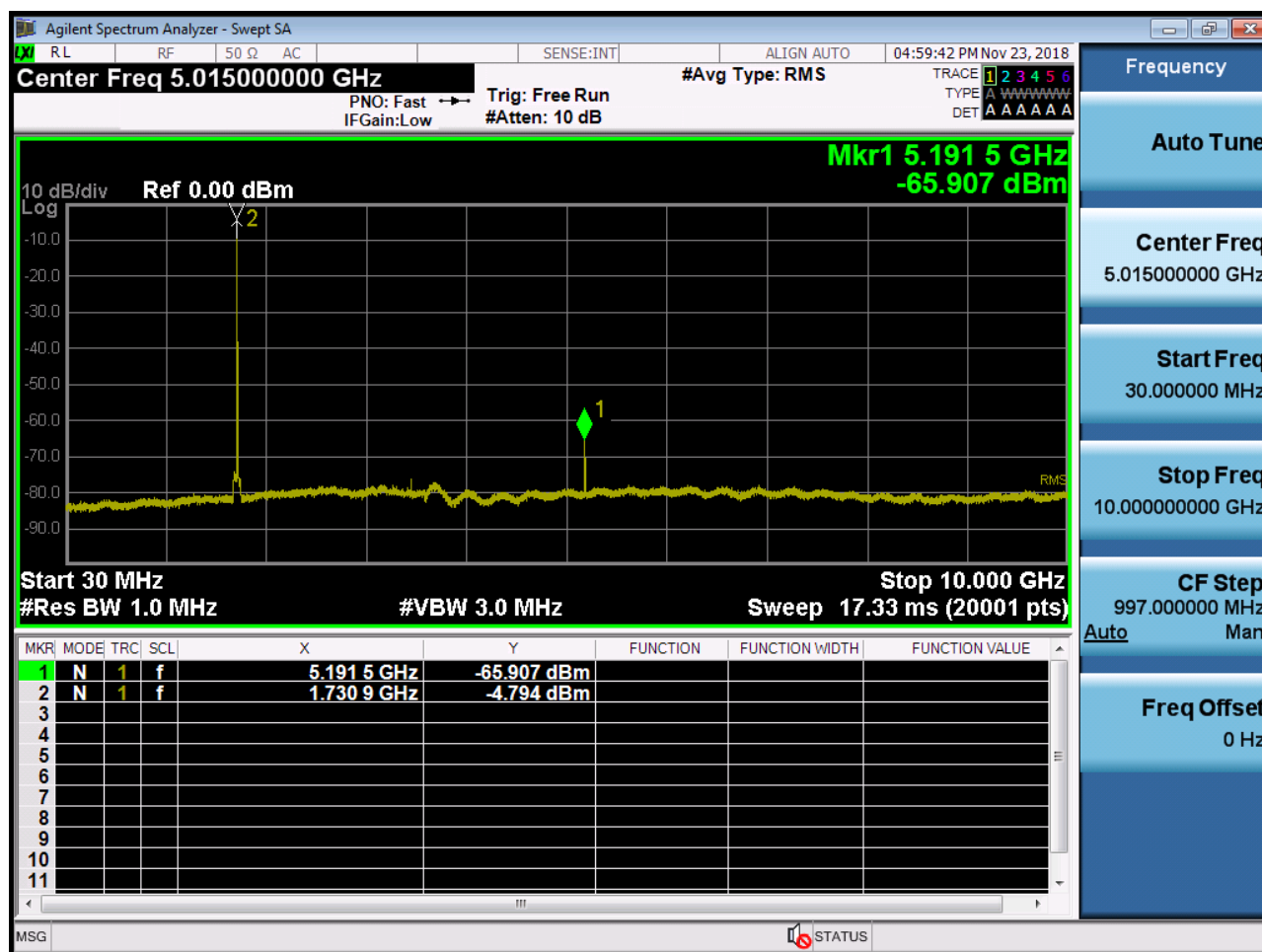
BAND 4. Conducted Spurious Plot_1 (19975ch_5MHz_QPSK_ RB 1_0)



BAND 4. Conducted Spurious Plot_2 (19975ch_5MHz_QPSK_ RB 1_0)



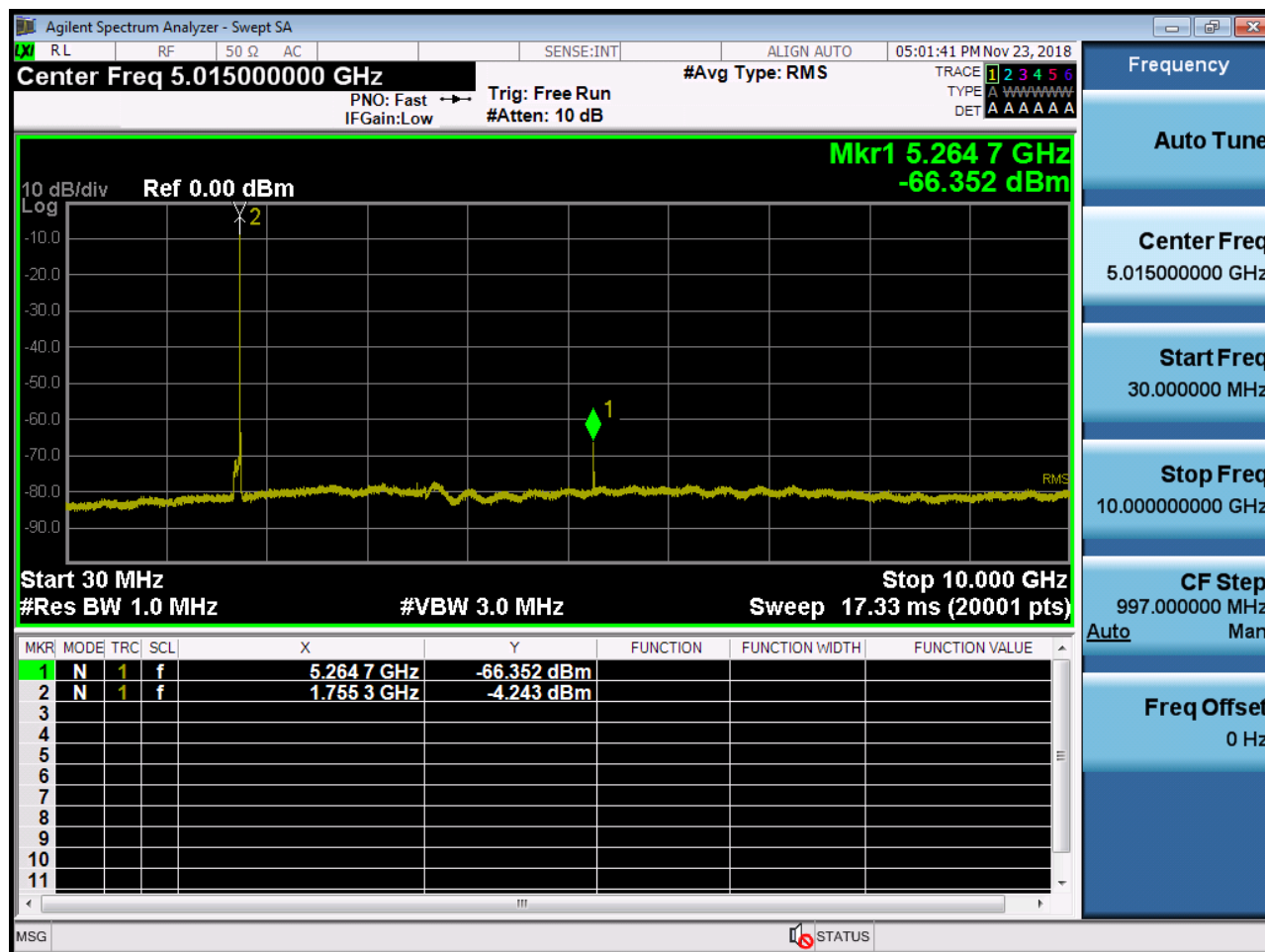
BAND 4. Conducted Spurious Plot_1 (20175ch_5MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20175ch_5MHz_QPSK_RB 1_0)



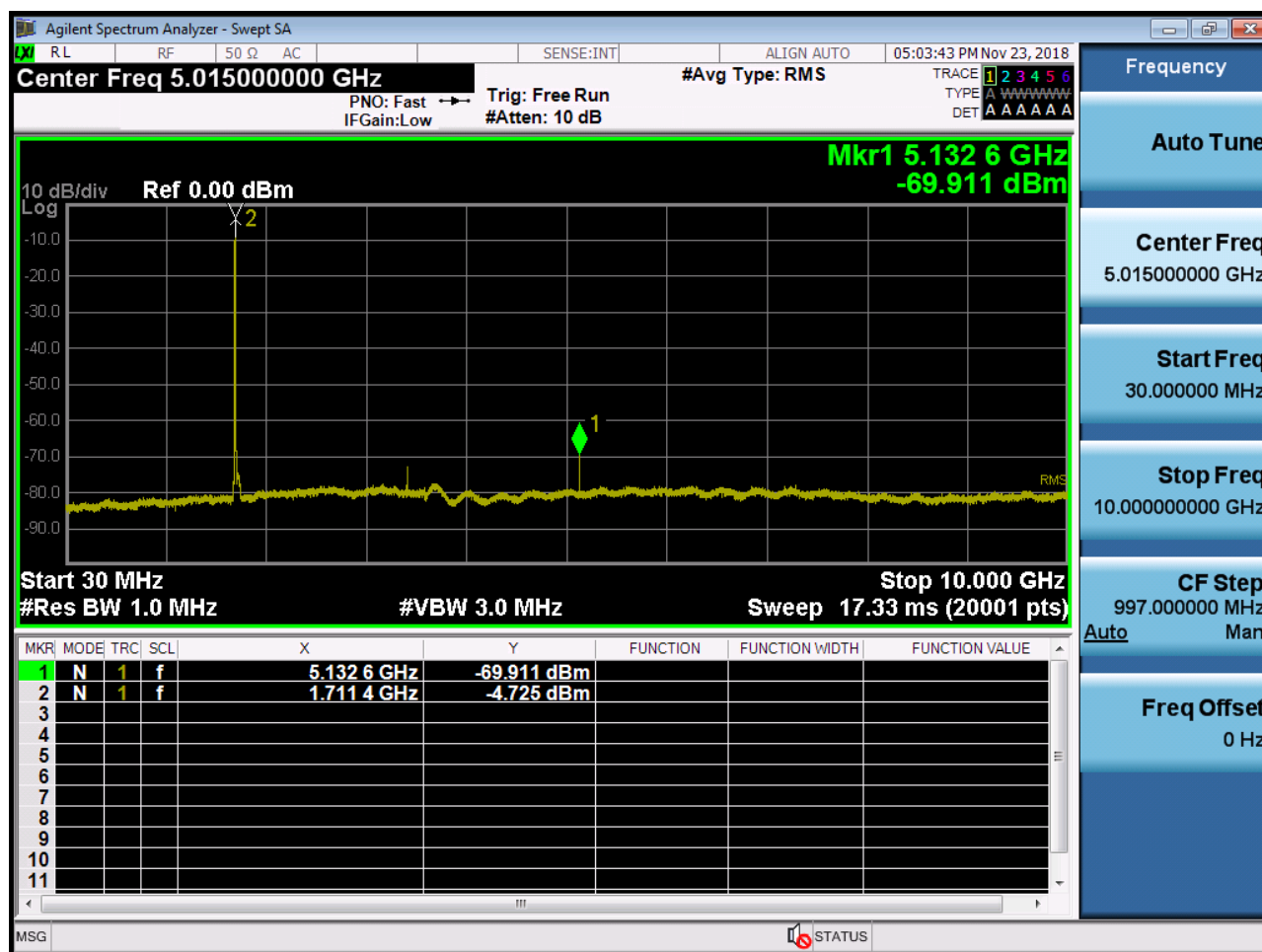
BAND 4. Conducted Spurious Plot_1 (20375ch_5MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20375ch_5MHz_QPSK_ RB 1_0)



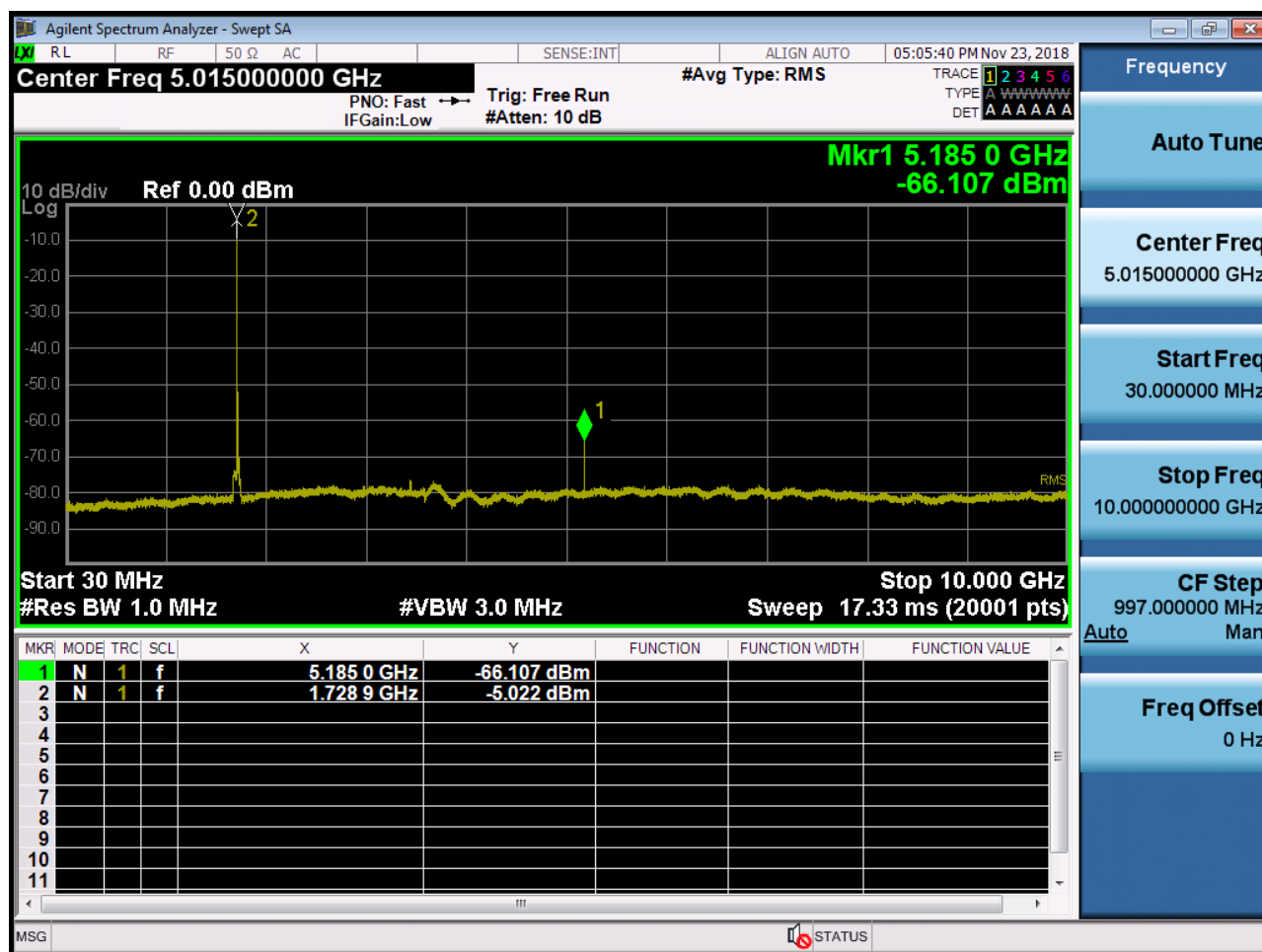
BAND 4. Conducted Spurious Plot_1 (20000ch_10MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20000ch_10MHz_QPSK_RB 1_0)



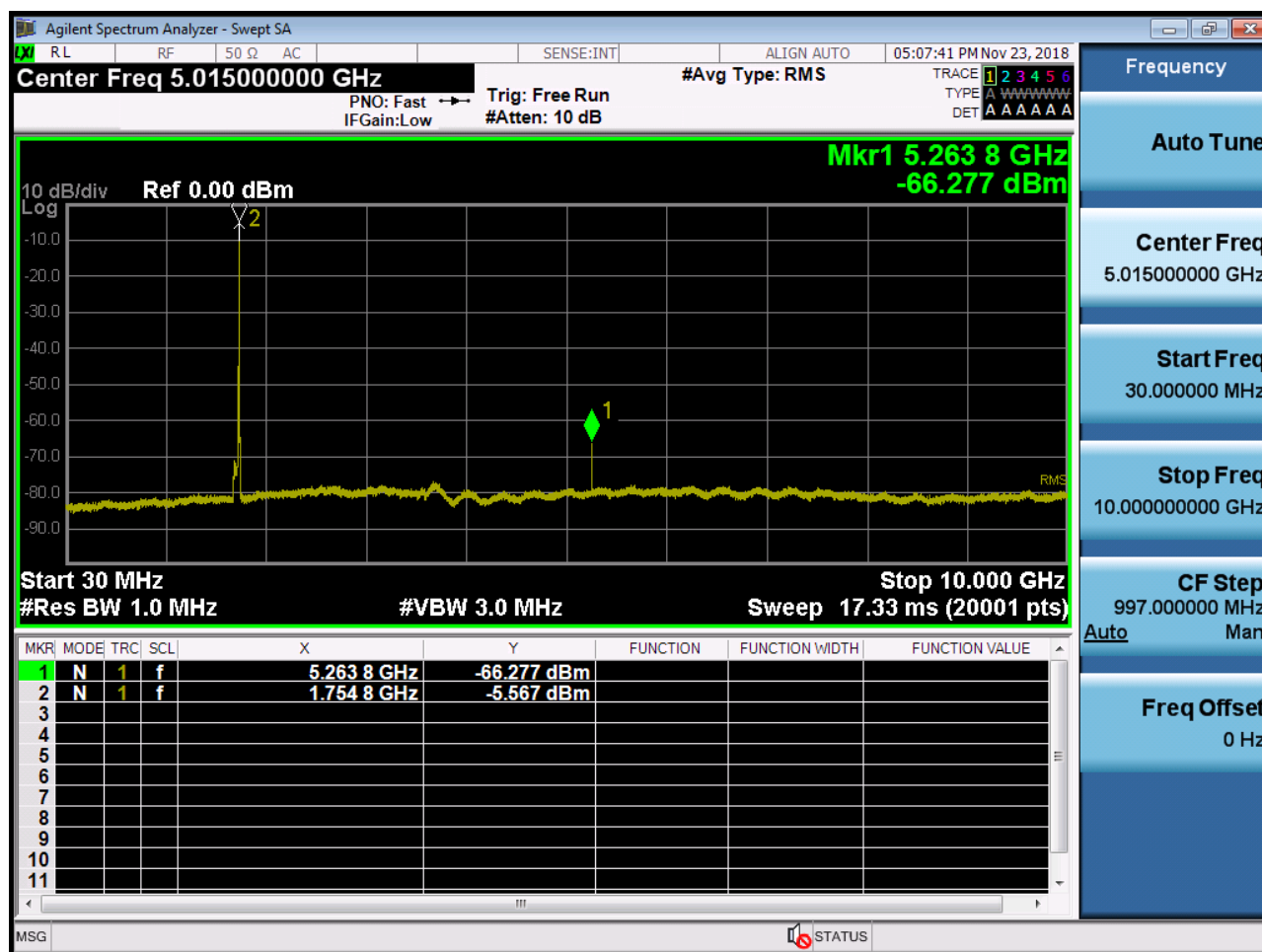
BAND 4. Conducted Spurious Plot_1 (20175ch_10MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20175ch_10MHz_QPSK_RB 1_0)



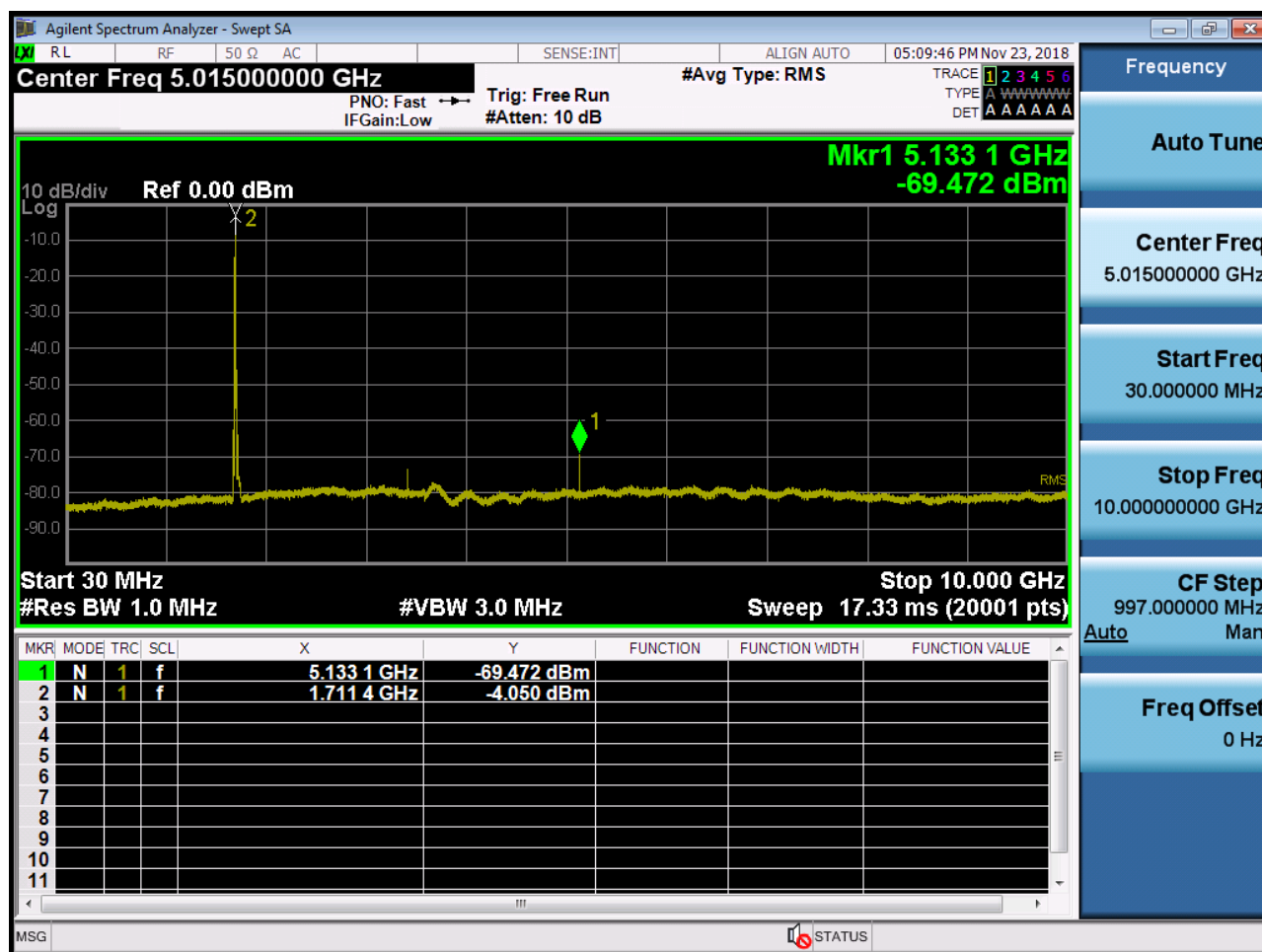
BAND 4. Conducted Spurious Plot_1 (20350ch_10MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20350ch_10MHz_QPSK_RB 1_0)



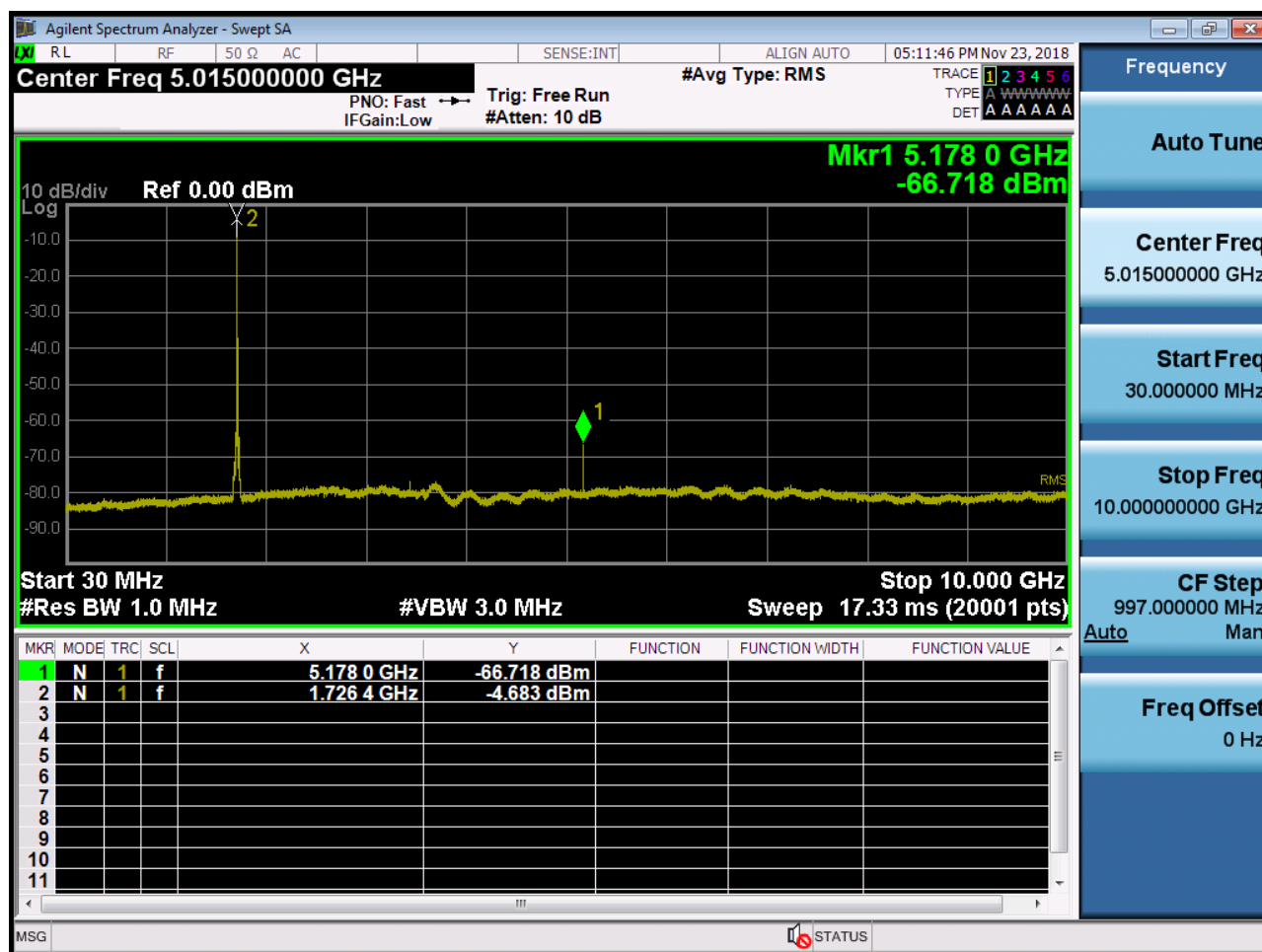
BAND 4. Conducted Spurious Plot_1 (20025ch_15MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20025ch_15MHz_QPSK_RB 1_0)



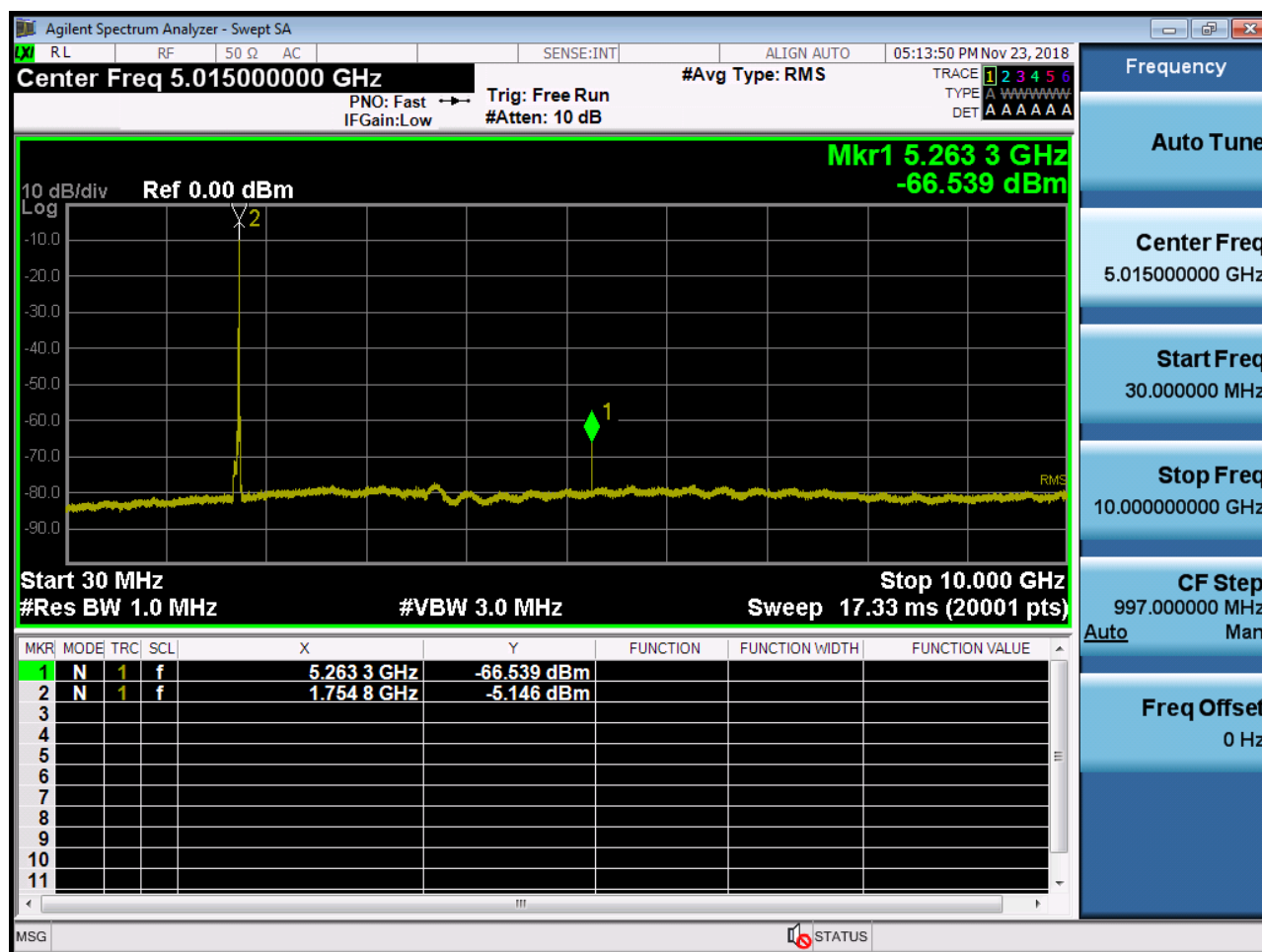
BAND 4. Conducted Spurious Plot_1 (20175ch_15MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20175ch_15MHz_QPSK_RB 1_0)



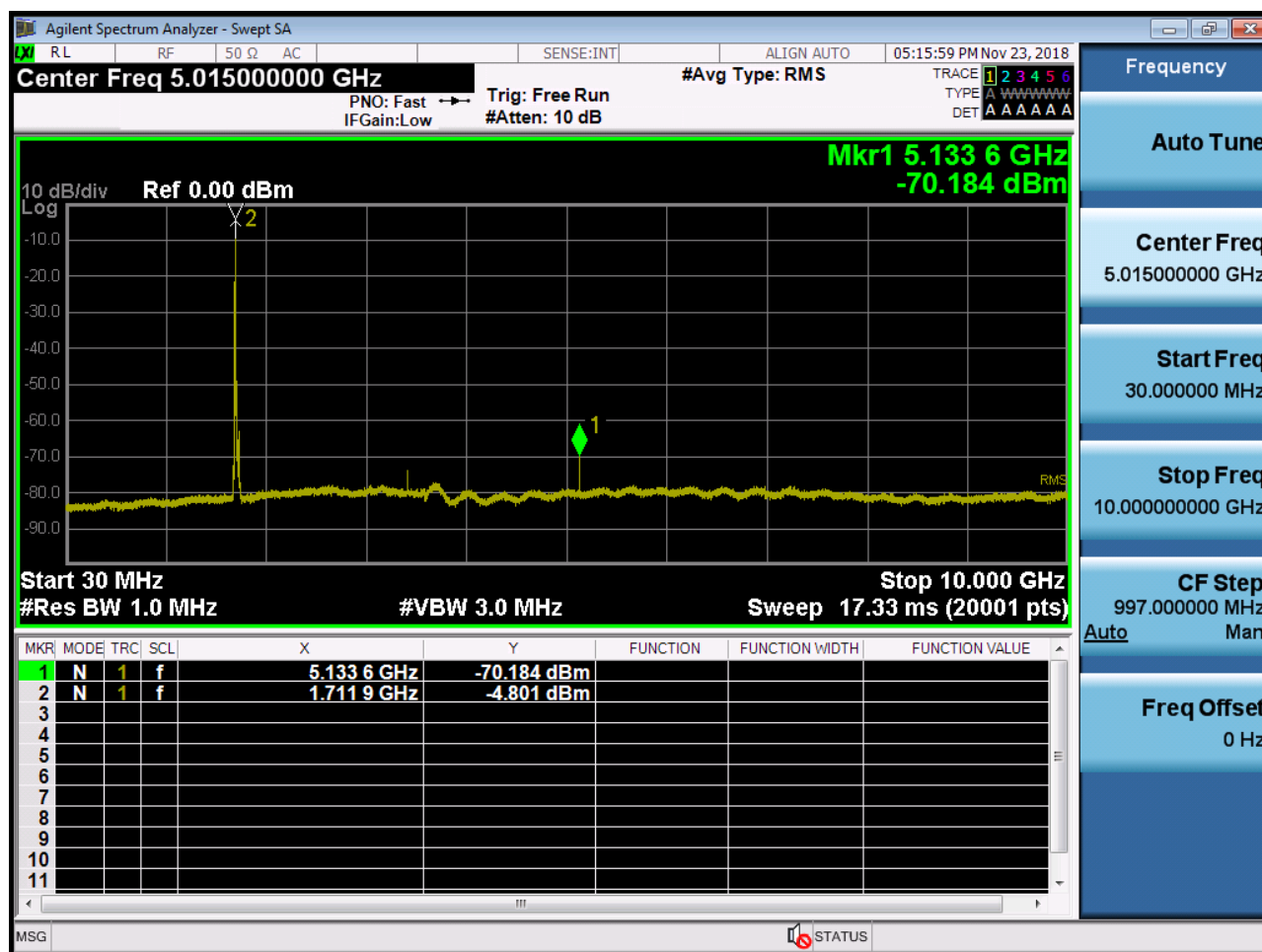
BAND 4. Conducted Spurious Plot_1 (20325ch_15MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20325ch_15MHz_QPSK_RB 1_0)



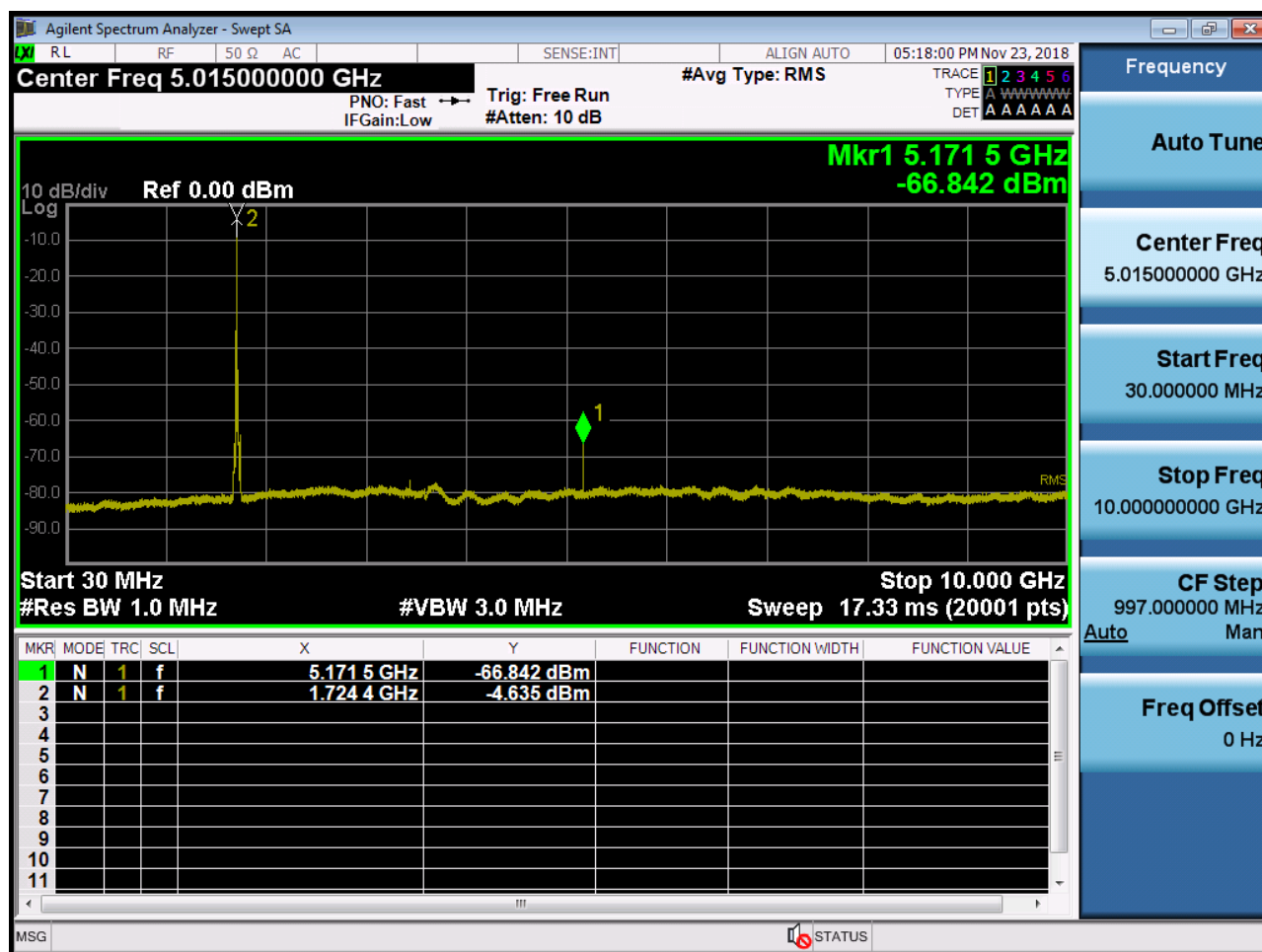
BAND 4. Conducted Spurious Plot_1 (20050ch_20MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20050ch_20MHz_QPSK_RB 1_0)



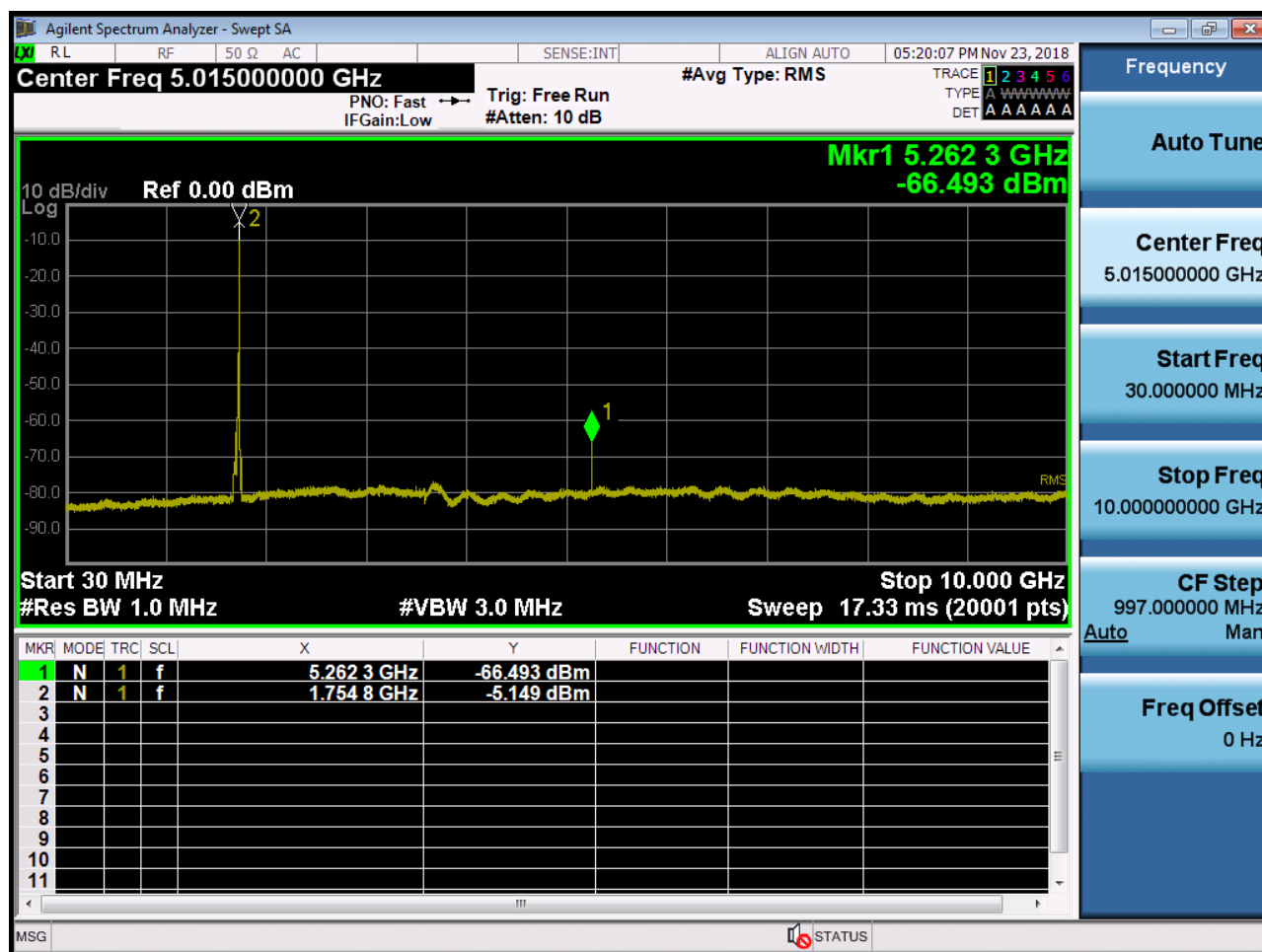
BAND 4. Conducted Spurious Plot_1 (20175ch_20MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20175ch_20MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_1 (20300ch_20MHz_QPSK_RB 1_0)



BAND 4. Conducted Spurious Plot_2 (20300ch_20MHz_QPSK_RB 1_0)



10. APPENDIX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-1812-FC016-P
2	HCT-RF-1812-FC017-P