5.1.1.2.4.2.2 Test RB = RB1#49

5.1.1.2.4.2.3 Test RB = RB25#13

5.1.1.2.4.2.4 Test RB = RB50#0

5.1.1.2.5 Test Bandwidth = 15

5.1.1.2.5.1 Test Channel = LCH

5.1.1.2.5.1.1 Test RB = RB1#0

5.1.1.2.5.1.2 Test RB = RB1#74

5.1.1.2.5.1.3 Test RB = RB38#19

5.1.1.2.5.1.4 Test RB = RB75#0

5.1.1.2.5.2 Test Channel = HCH

5.1.1.2.5.2.1 Test RB = RB1#0

5.1.1.2.5.2.2 Test RB = RB1#74

5.1.1.2.5.2.3 Test RB = RB38#19

5.1.1.2.5.2.4 Test RB = RB75#0

5.1.1.2.6 Test Bandwidth = 20

5.1.1.2.6.1 Test Channel = LCH

5.1.1.2.6.1.1 Test RB = RB1#0

5.1.1.2.6.1.2 Test RB = RB1#99

5.1.1.2.6.1.3 Test RB = RB50#25

5.1.1.2.6.1.4 Test RB = RB100#0

5.1.1.2.6.2 Test Channel = HCH

5.1.1.2.6.2.1 Test RB = RB1#0

5.1.1.2.6.2.2 Test RB = RB1#99

5.1.1.2.6.2.3 Test RB = RB50#25

5.1.1.2.6.2.4 Test RB = RB100#0

6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

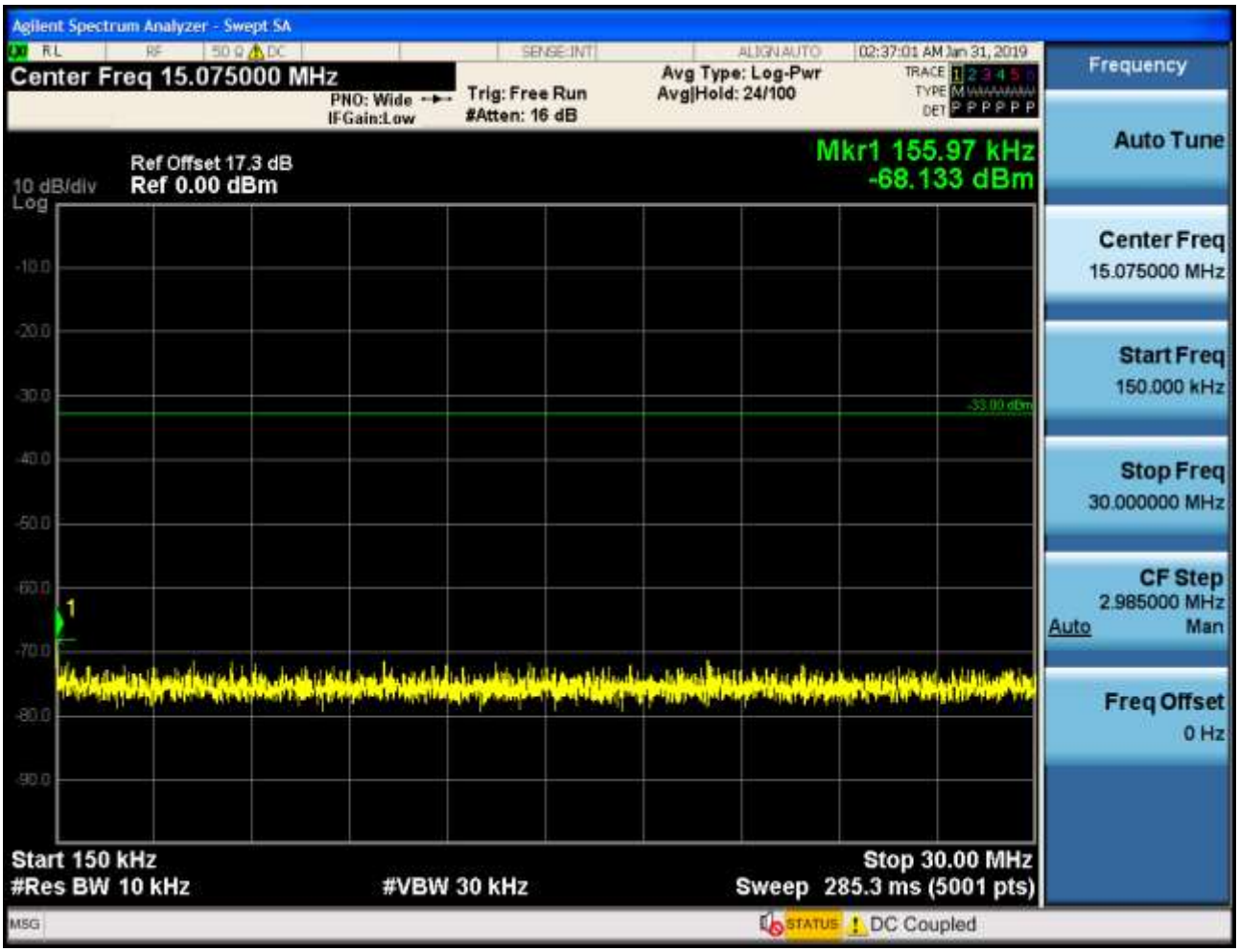
6.1.1 Test Band = Band4

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 1.4

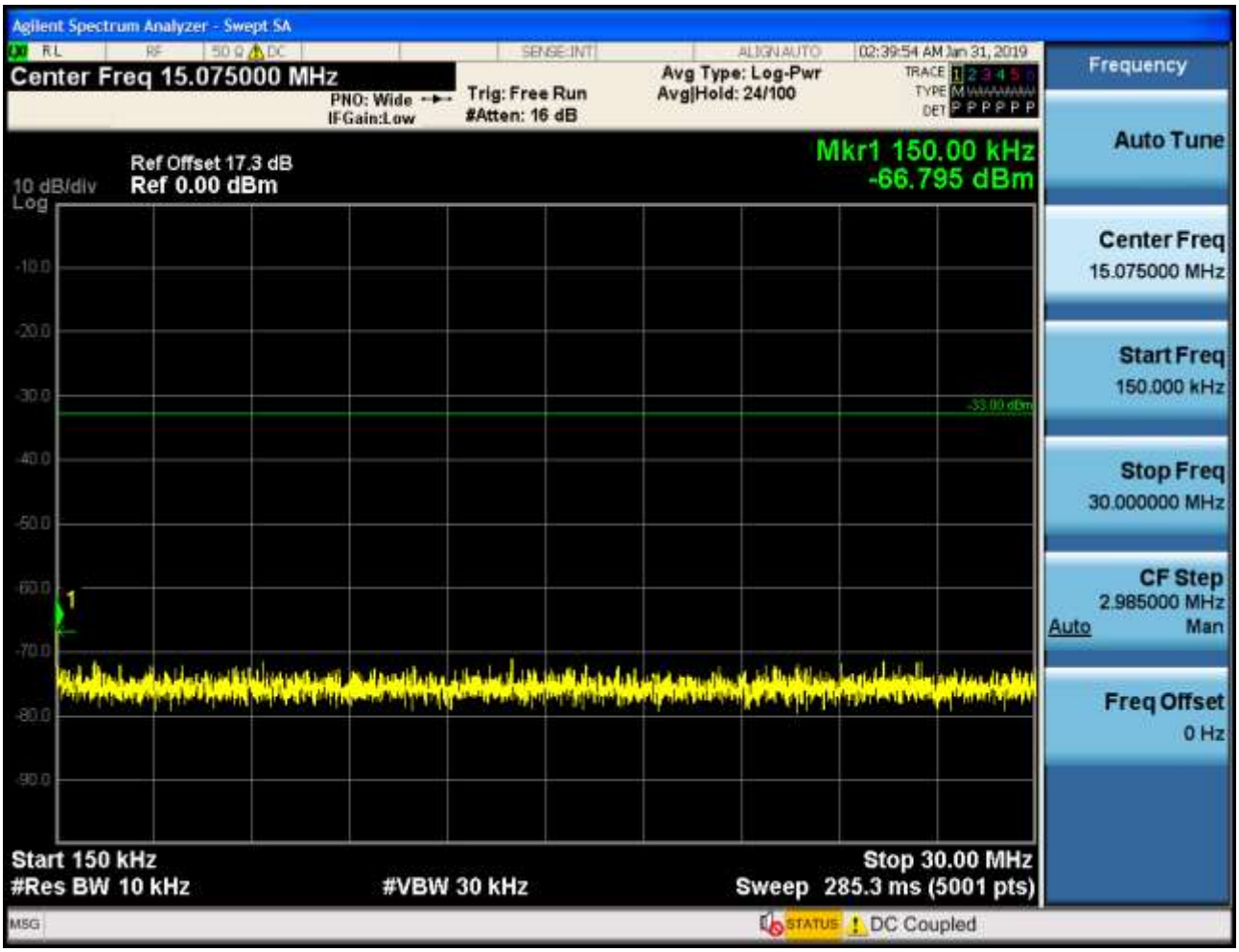
6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0



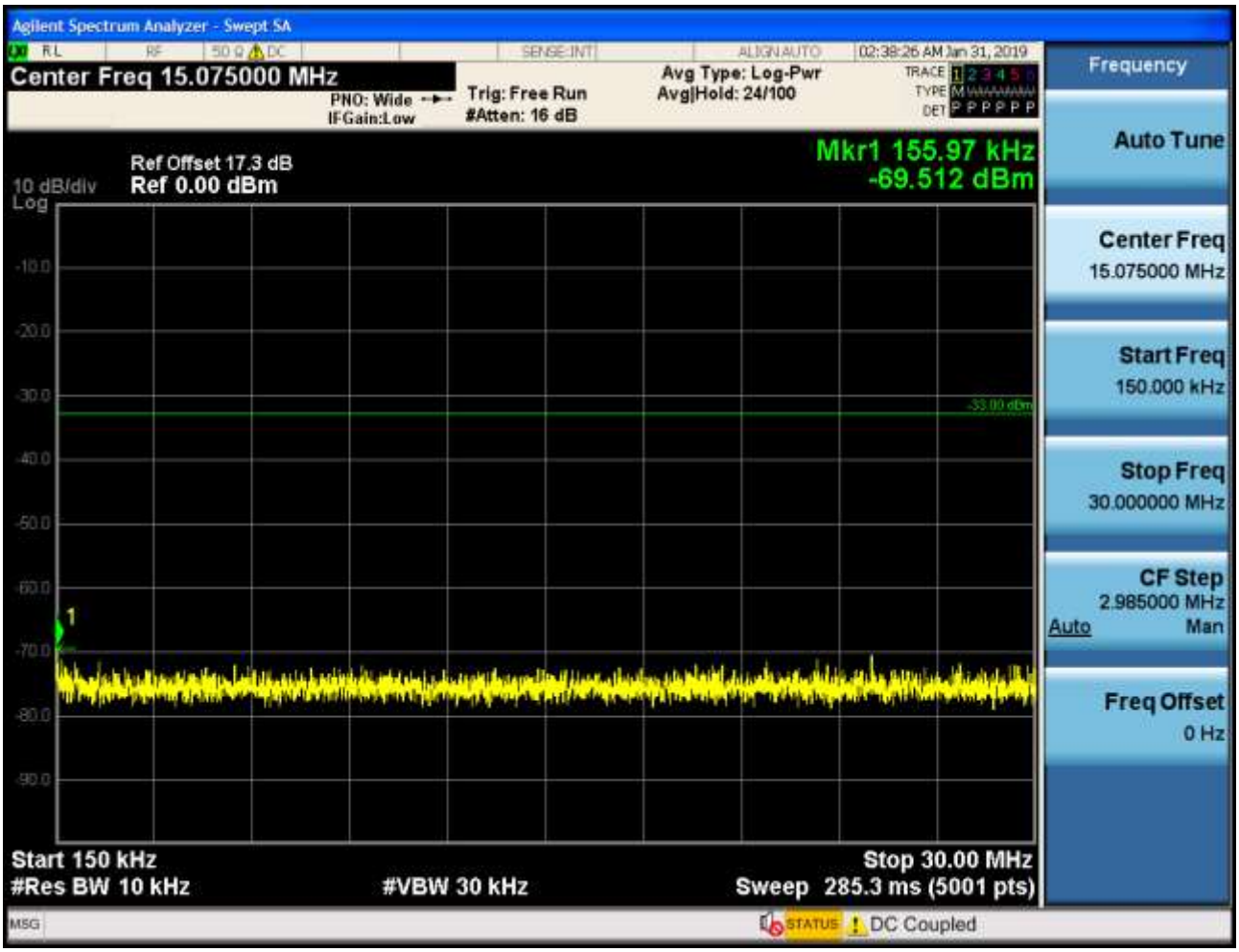
6.1.1.1.1.2 Test Channel = MCH

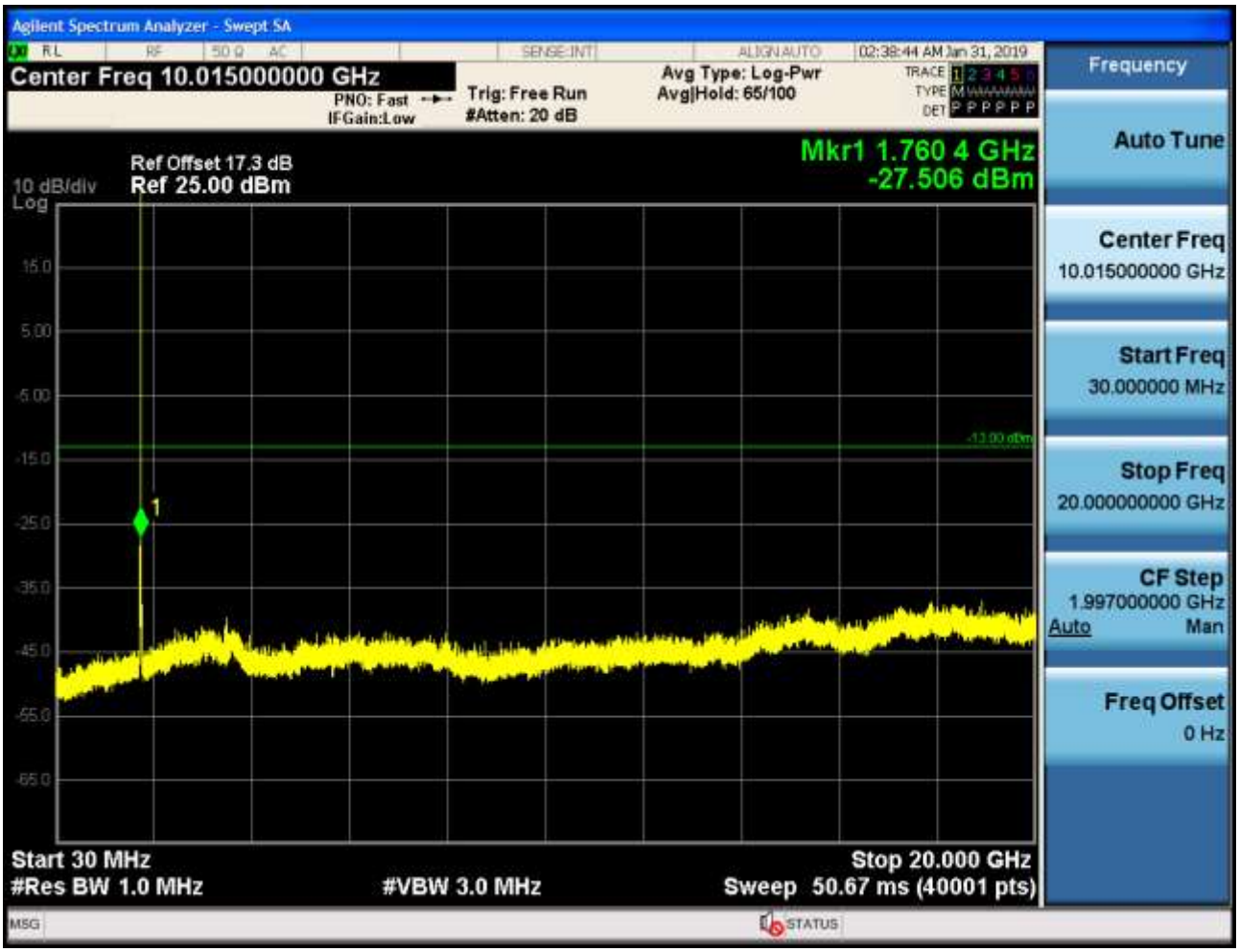
6.1.1.1.1.2.1 Test RB = RB1#0



6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0

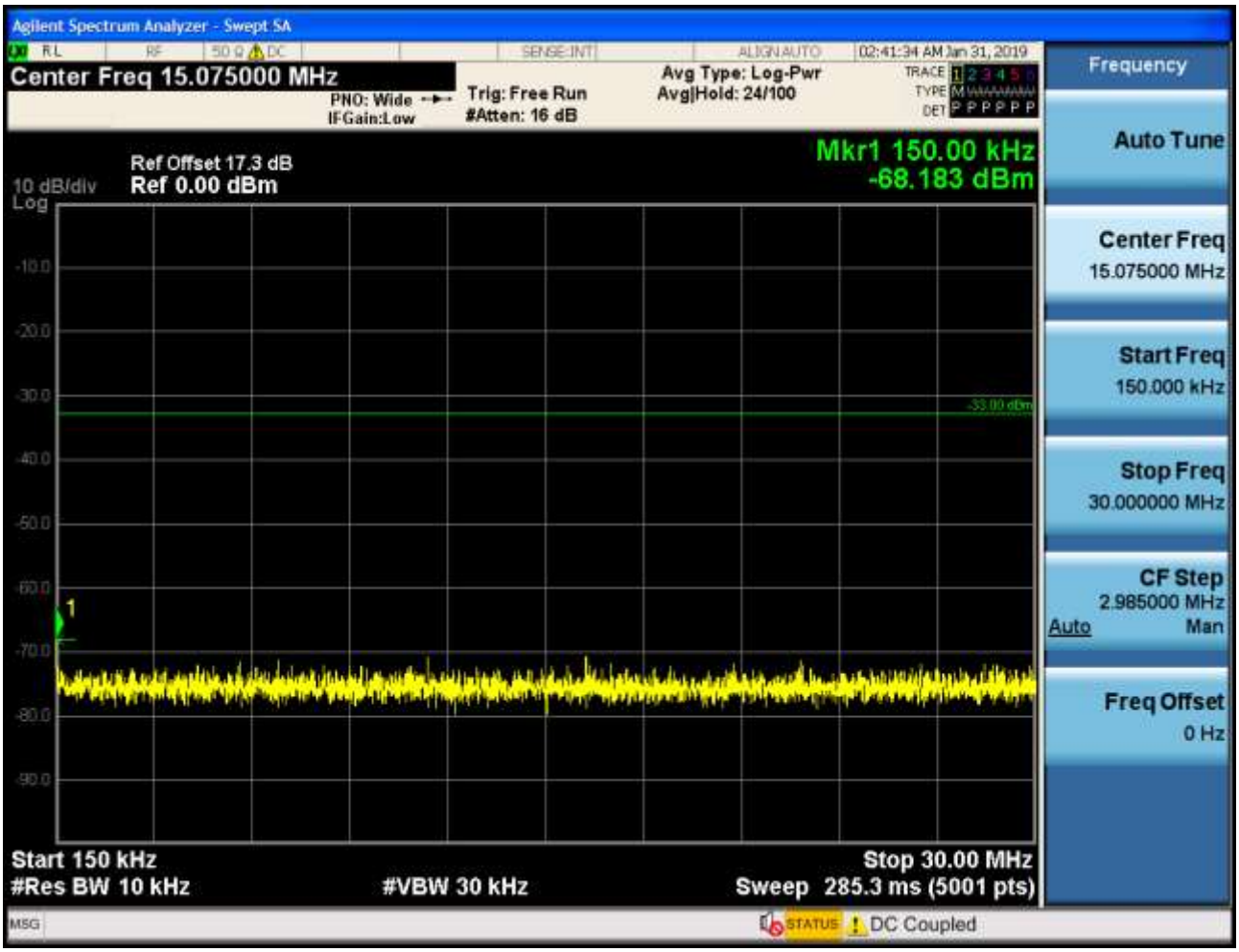




6.2.1.1.2 Test Bandwidth = 3

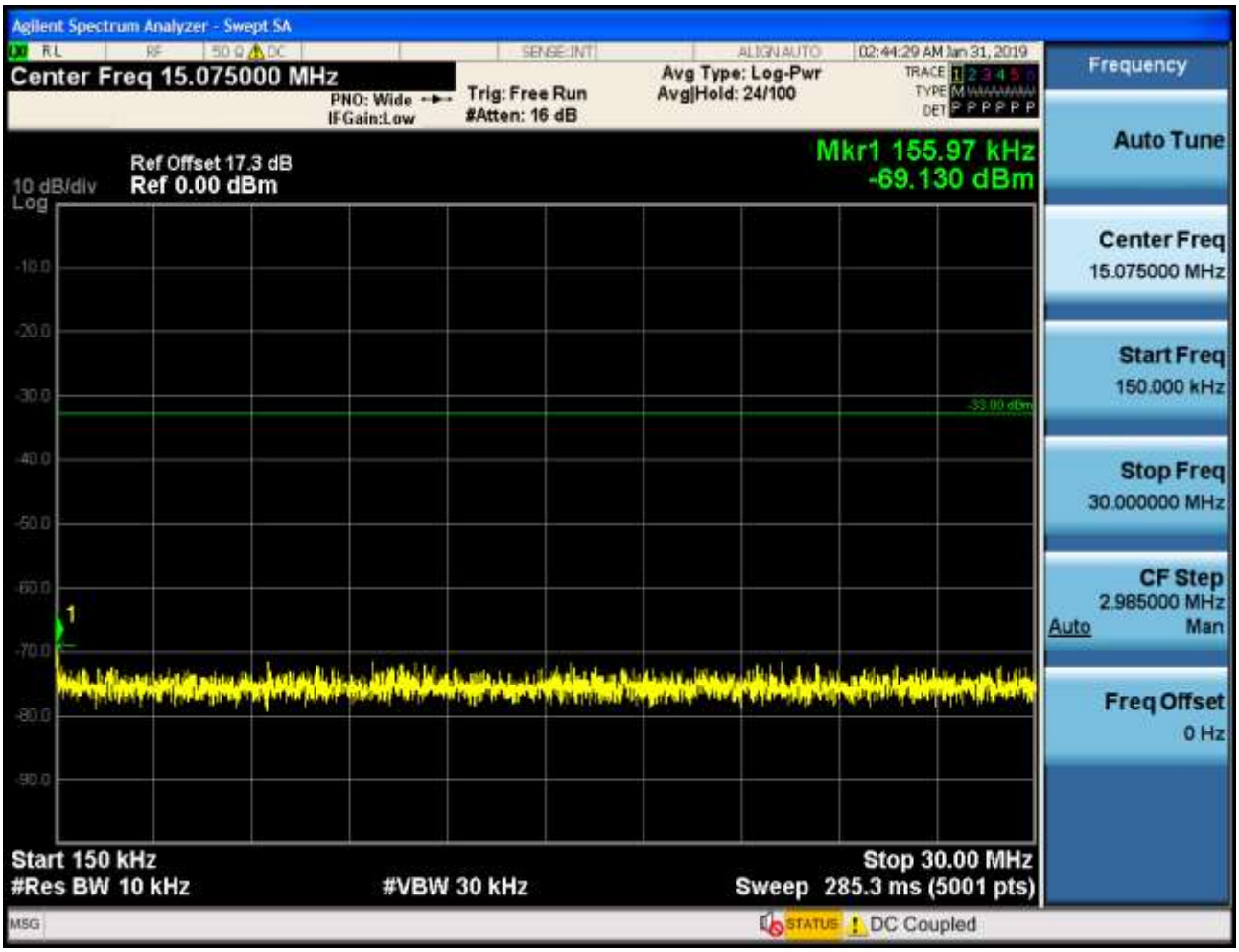
6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0



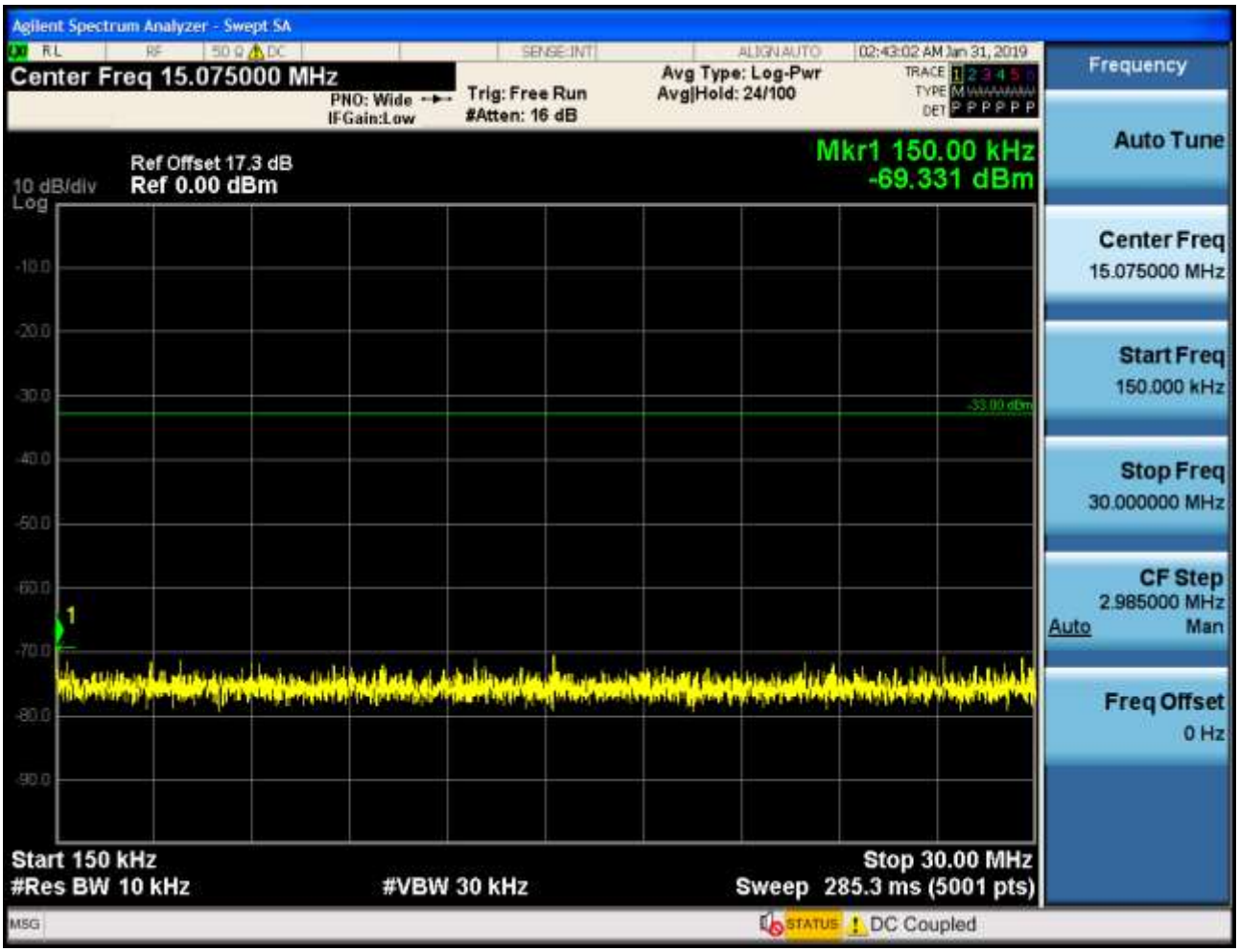
6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0



6.2.1.1.2.3 Test Channel = HCH

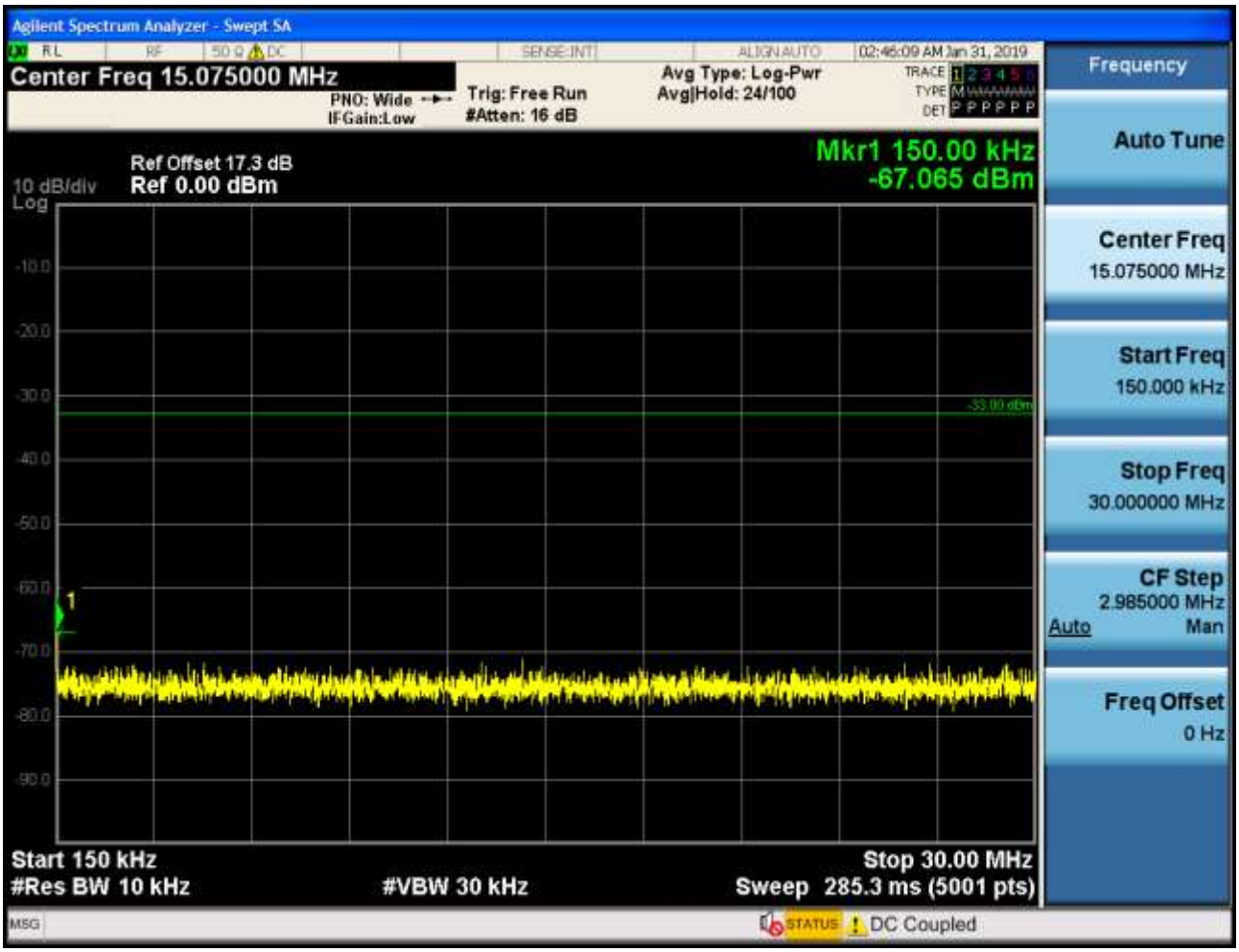
6.2.1.1.2.3.1 Test RB = RB1#0



6.2.1.1.3 Test Bandwidth = 5

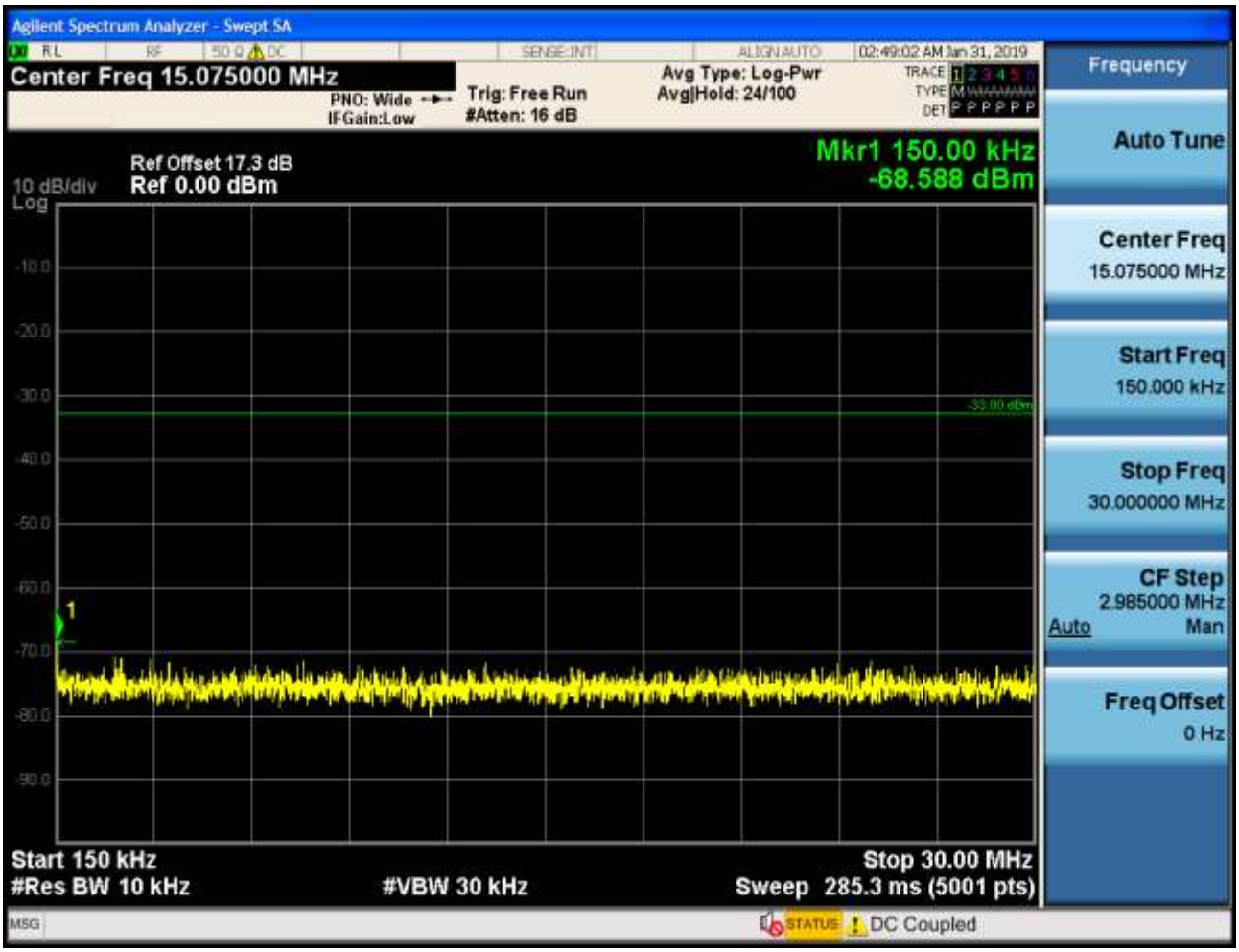
6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0



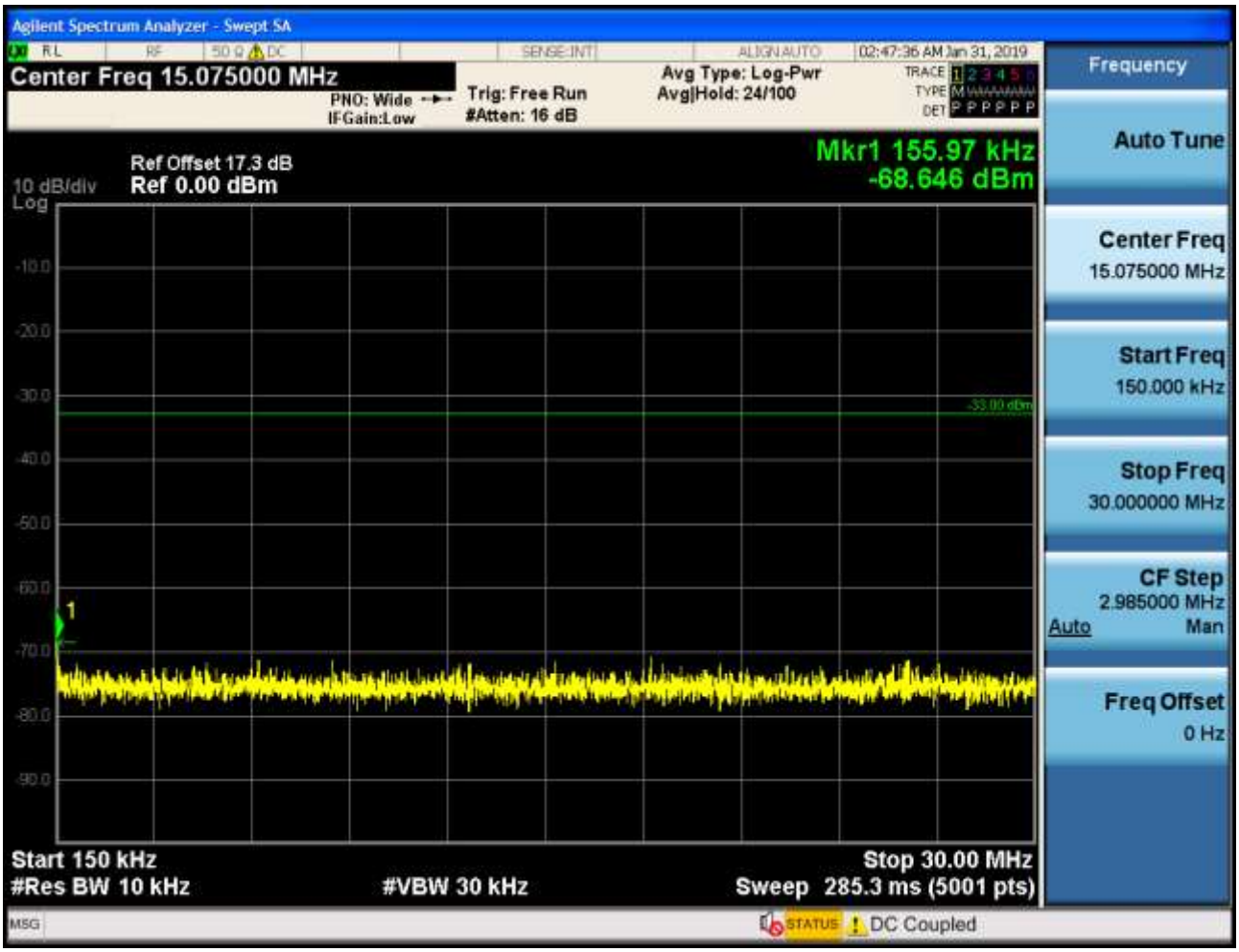
6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0



6.2.1.1.3.3 Test Channel = HCH

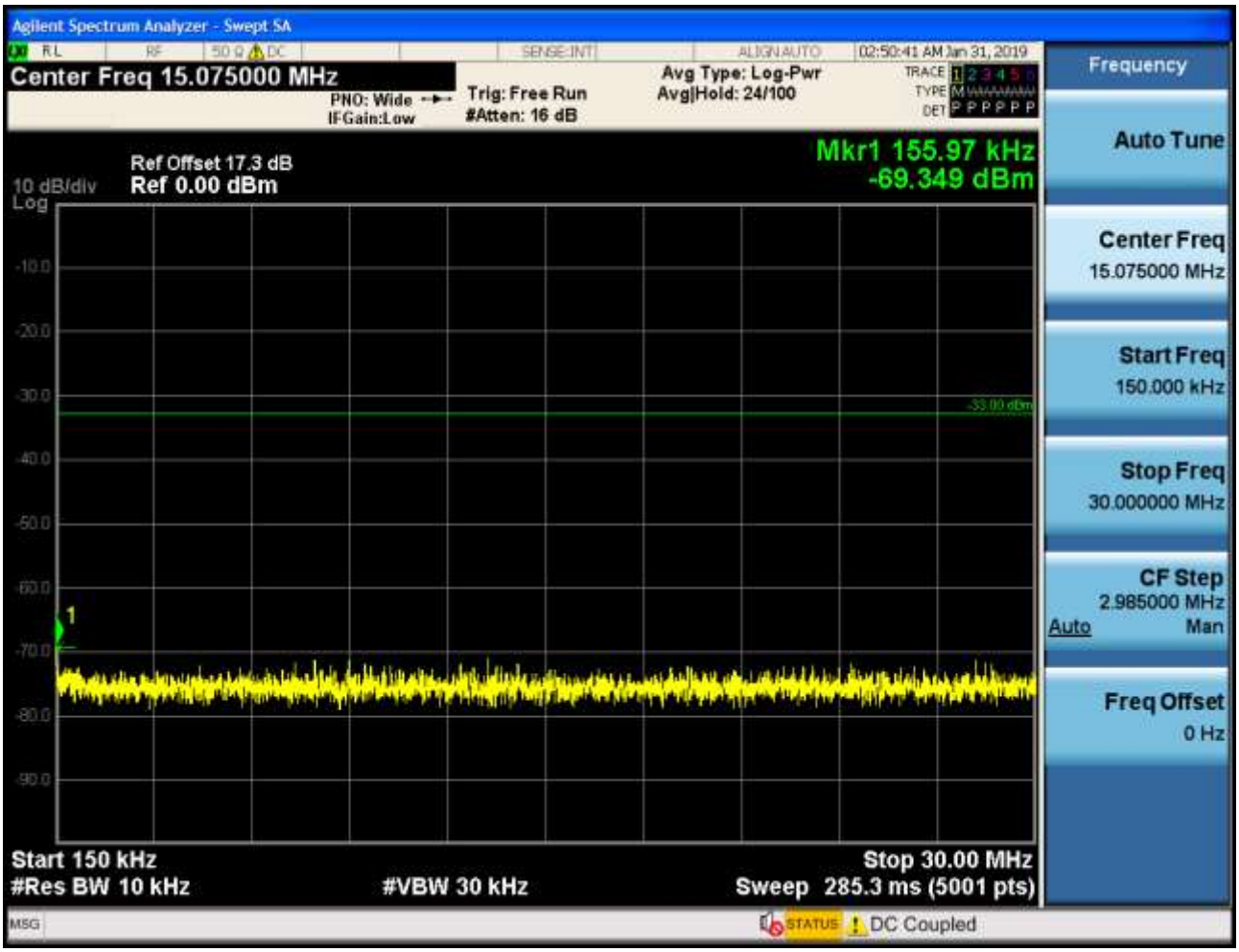
6.2.1.1.3.3.1 Test RB = RB1#0

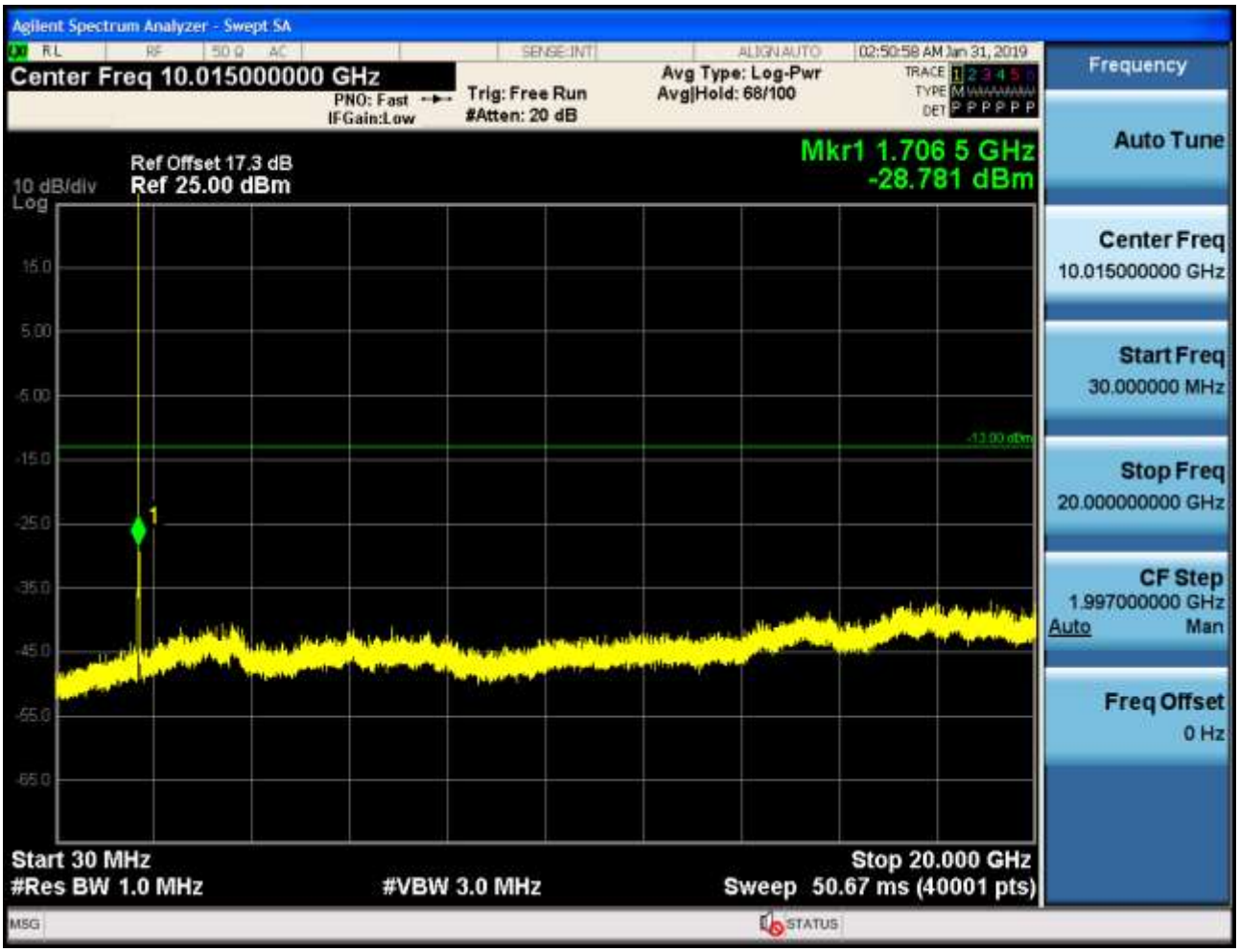


6.2.1.1.4 Test Bandwidth = 10

6.2.1.1.4.1 Test Channel = LCH

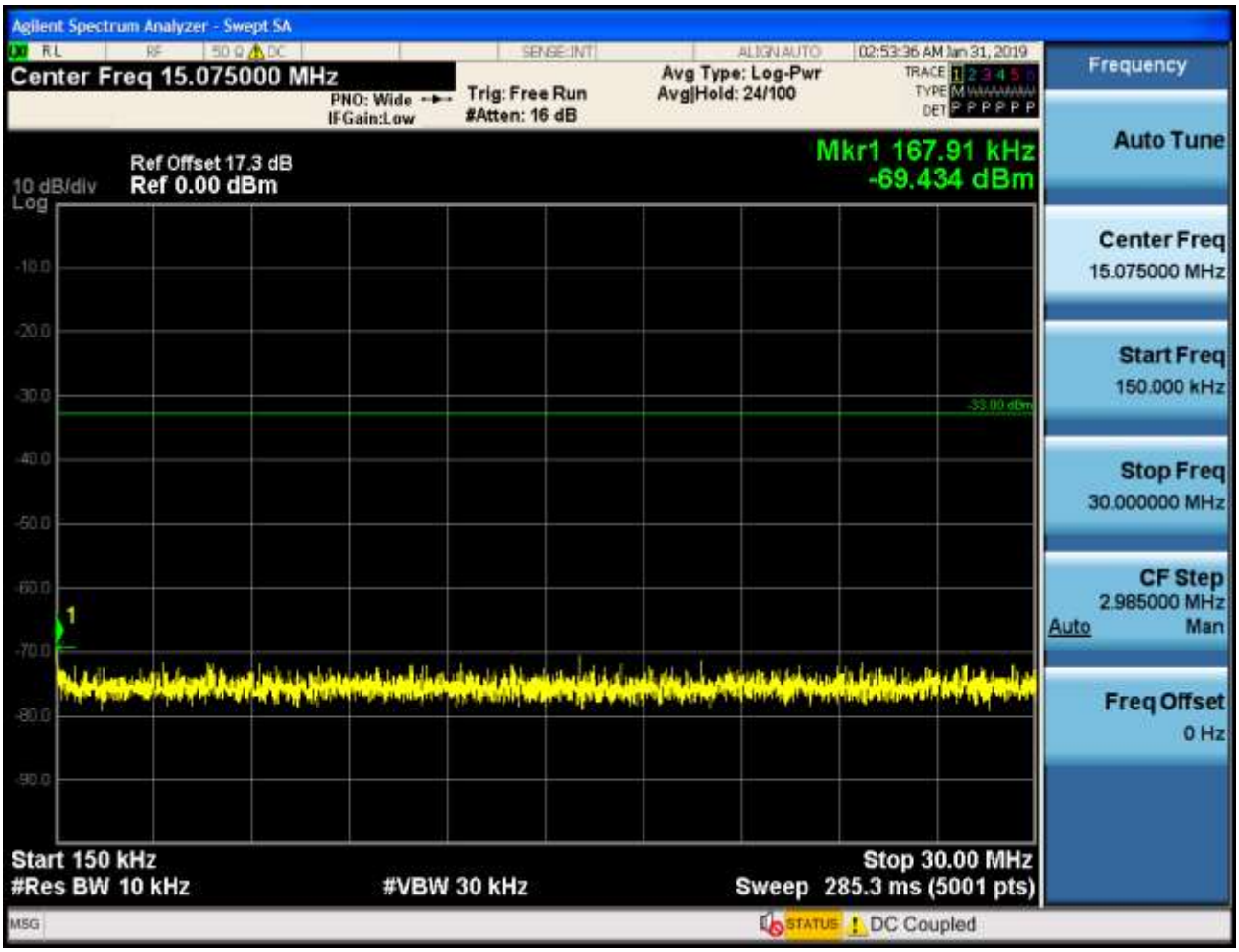
6.2.1.1.4.1.1 Test RB = RB1#0





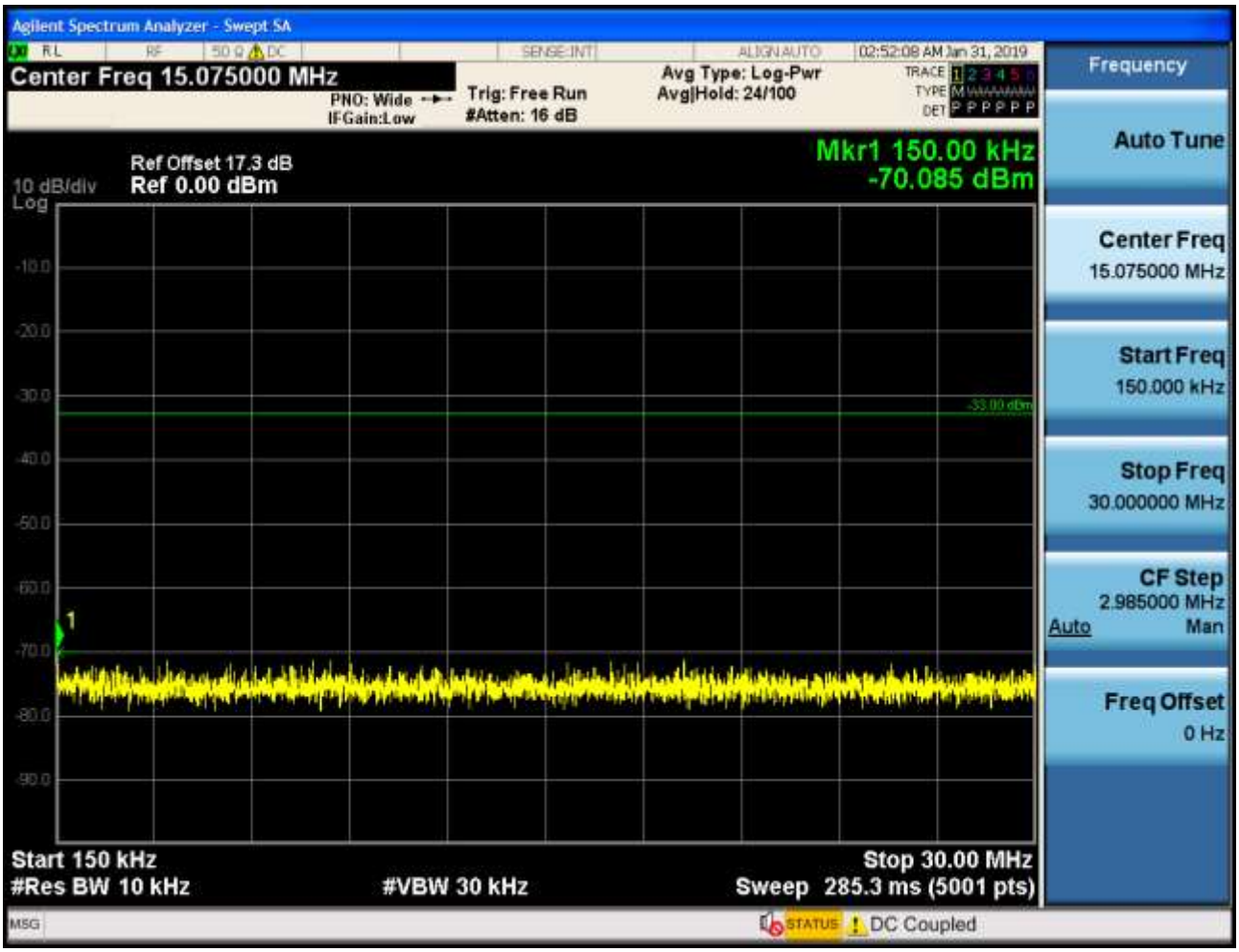
6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



6.2.1.1.4.3 Test Channel = HCH

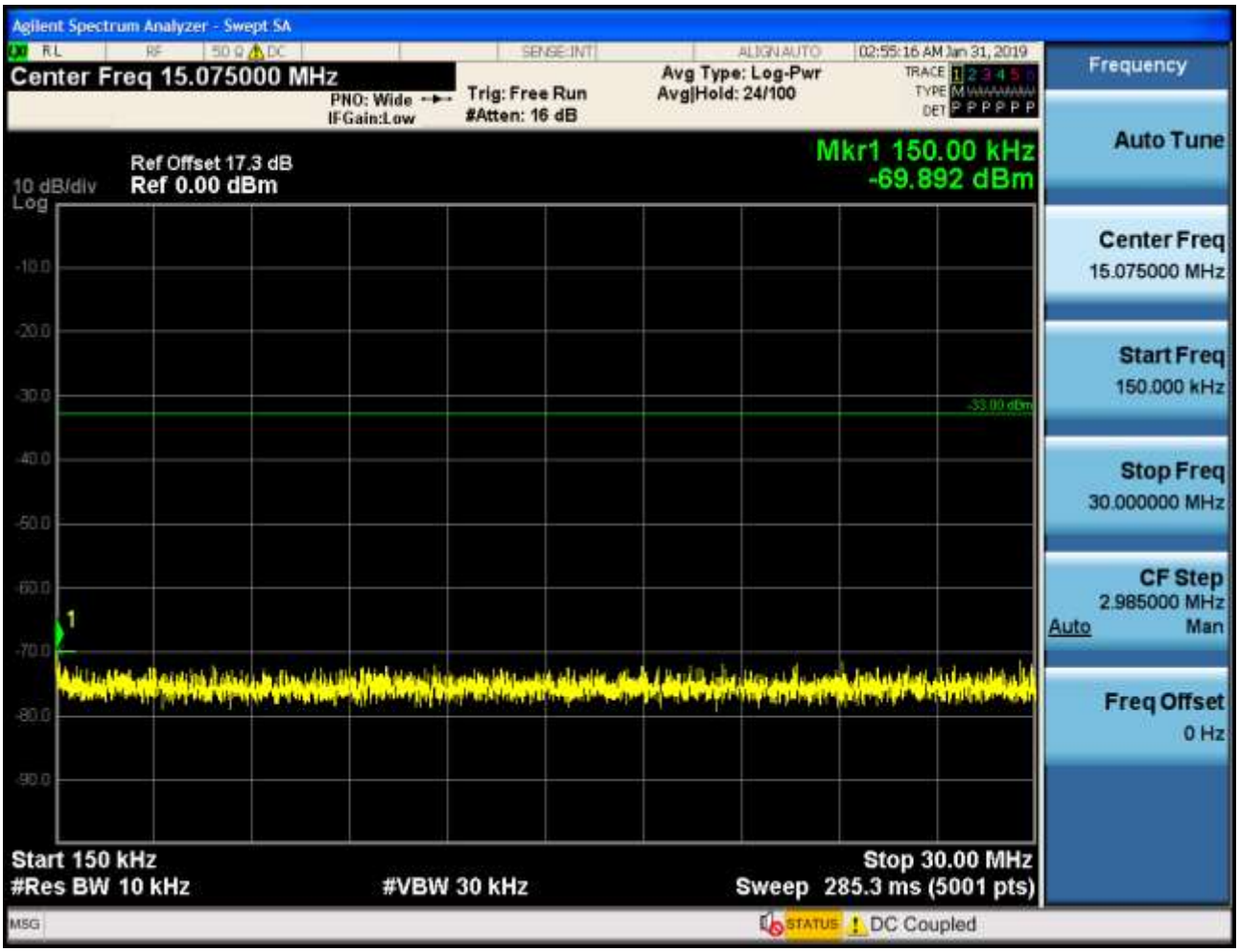
6.2.1.1.4.3.1 Test RB = RB1#0



6.2.1.1.5 Test Bandwidth = 15

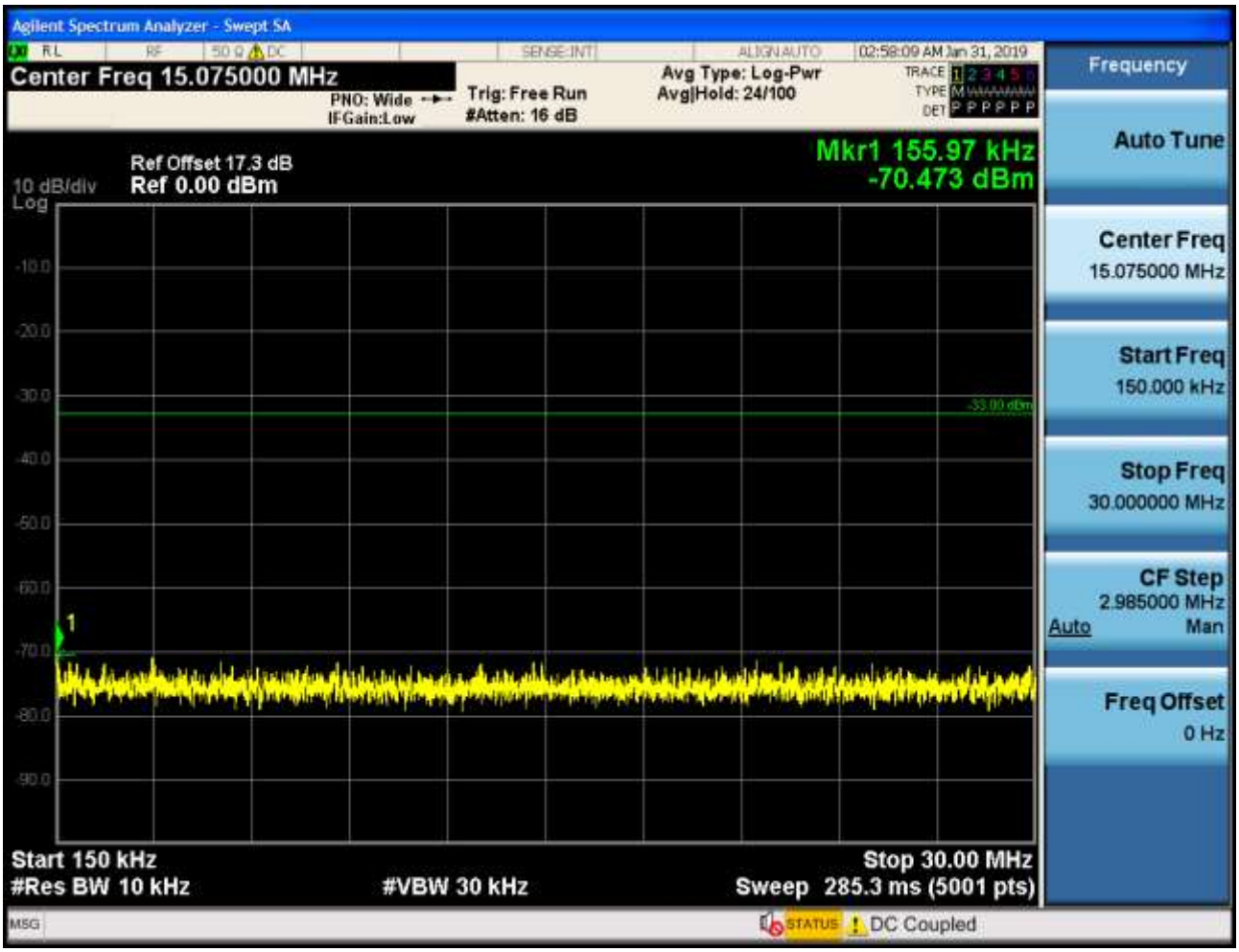
6.2.1.1.5.1 Test Channel = LCH

6.2.1.1.5.1.1 Test RB = RB1#0



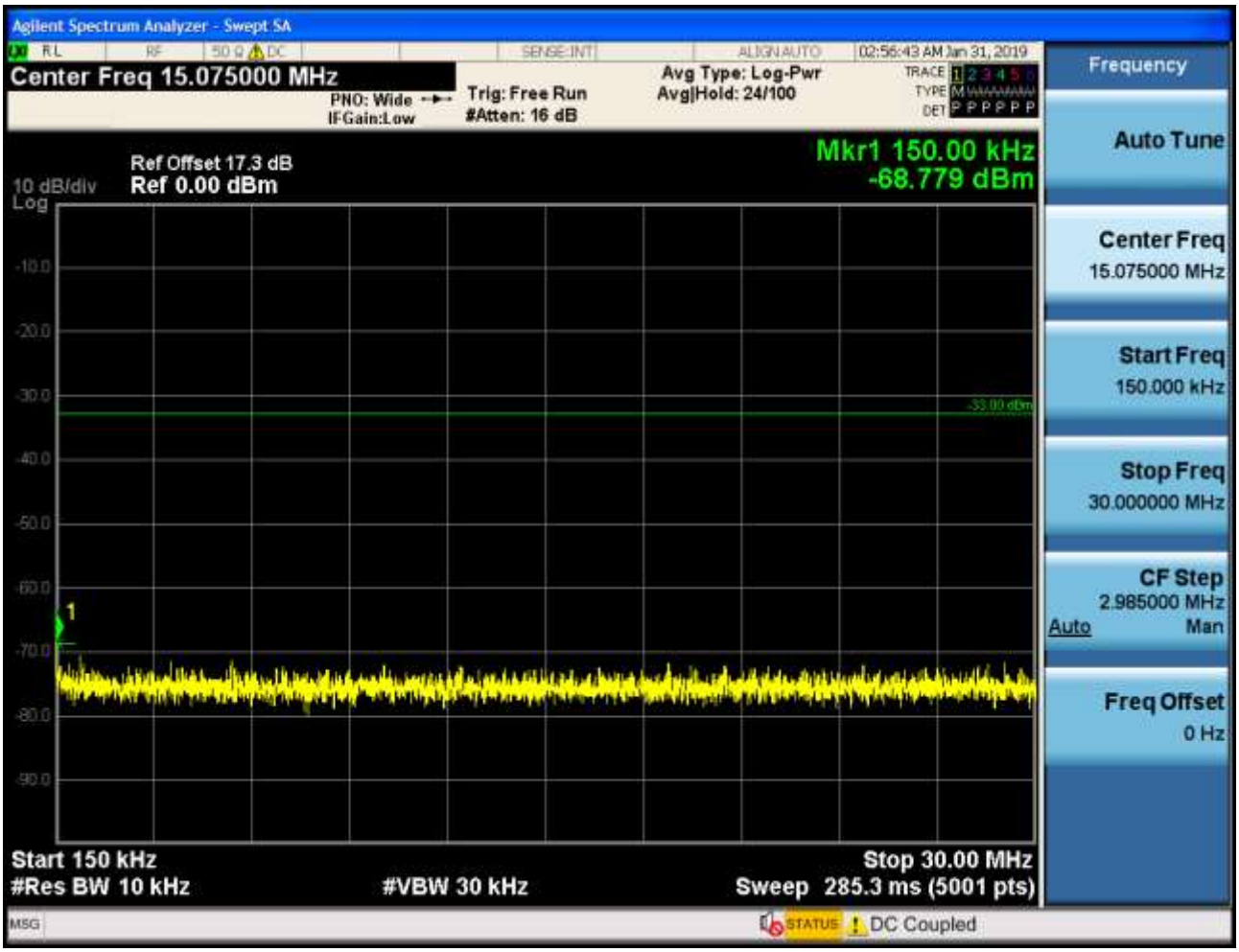
6.2.1.1.5.2 Test Channel = MCH

6.2.1.1.5.2.1 Test RB = RB1#0



6.2.1.1.5.3 Test Channel = HCH

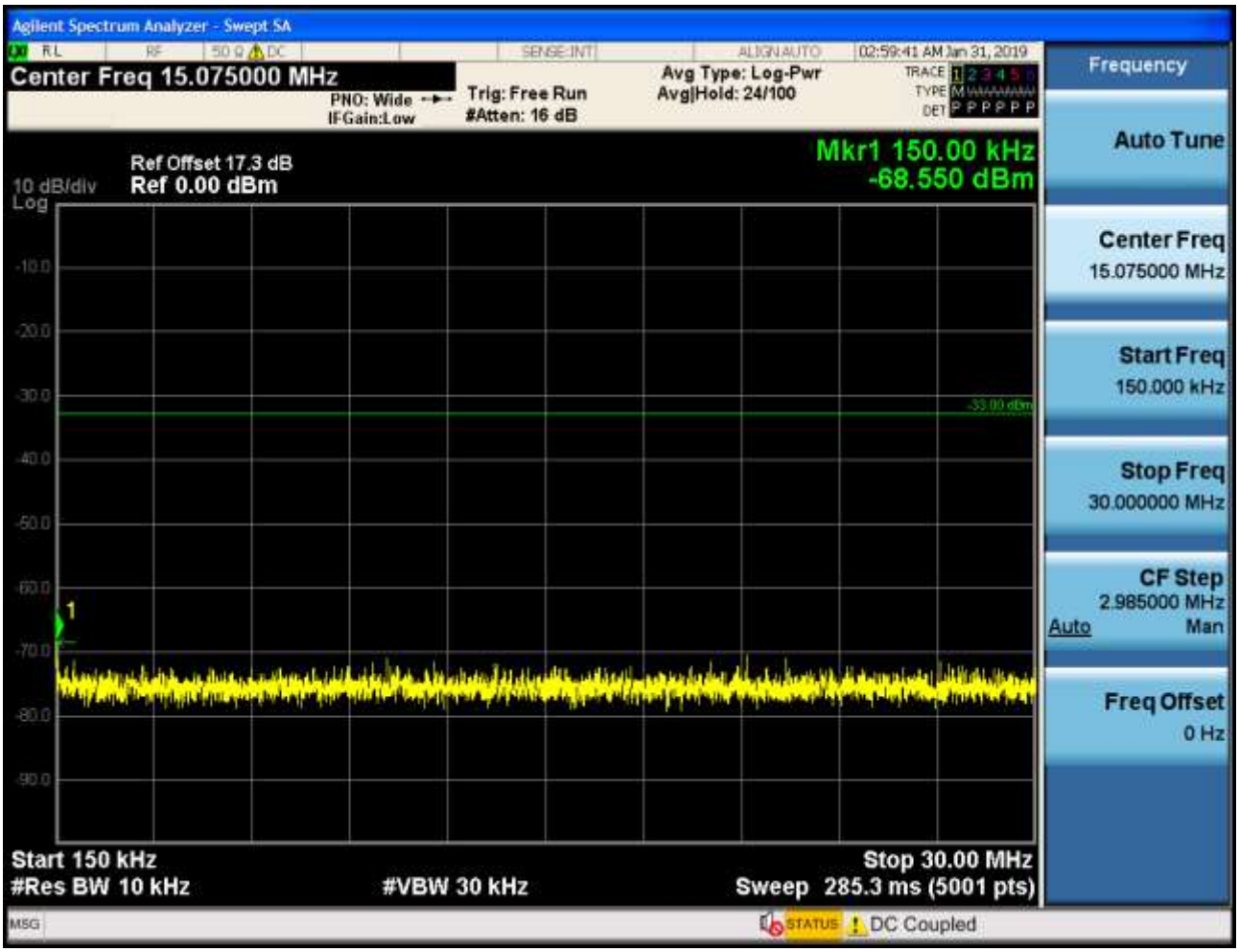
6.2.1.1.5.3.1 Test RB = RB1#0



6.2.1.1.6 Test Bandwidth = 20

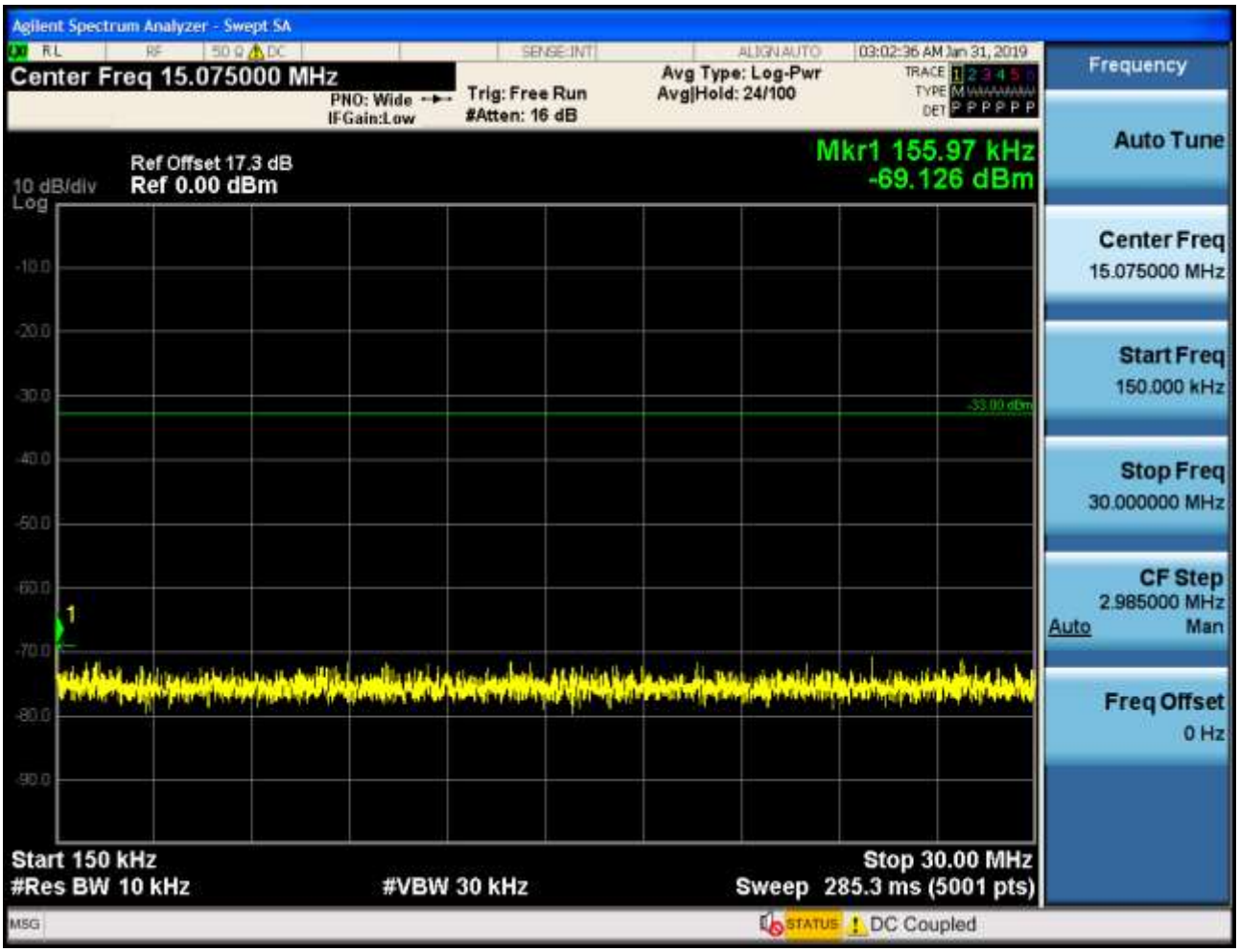
6.2.1.1.6.1 Test Channel = LCH

6.2.1.1.6.1.1 Test RB = RB1#0



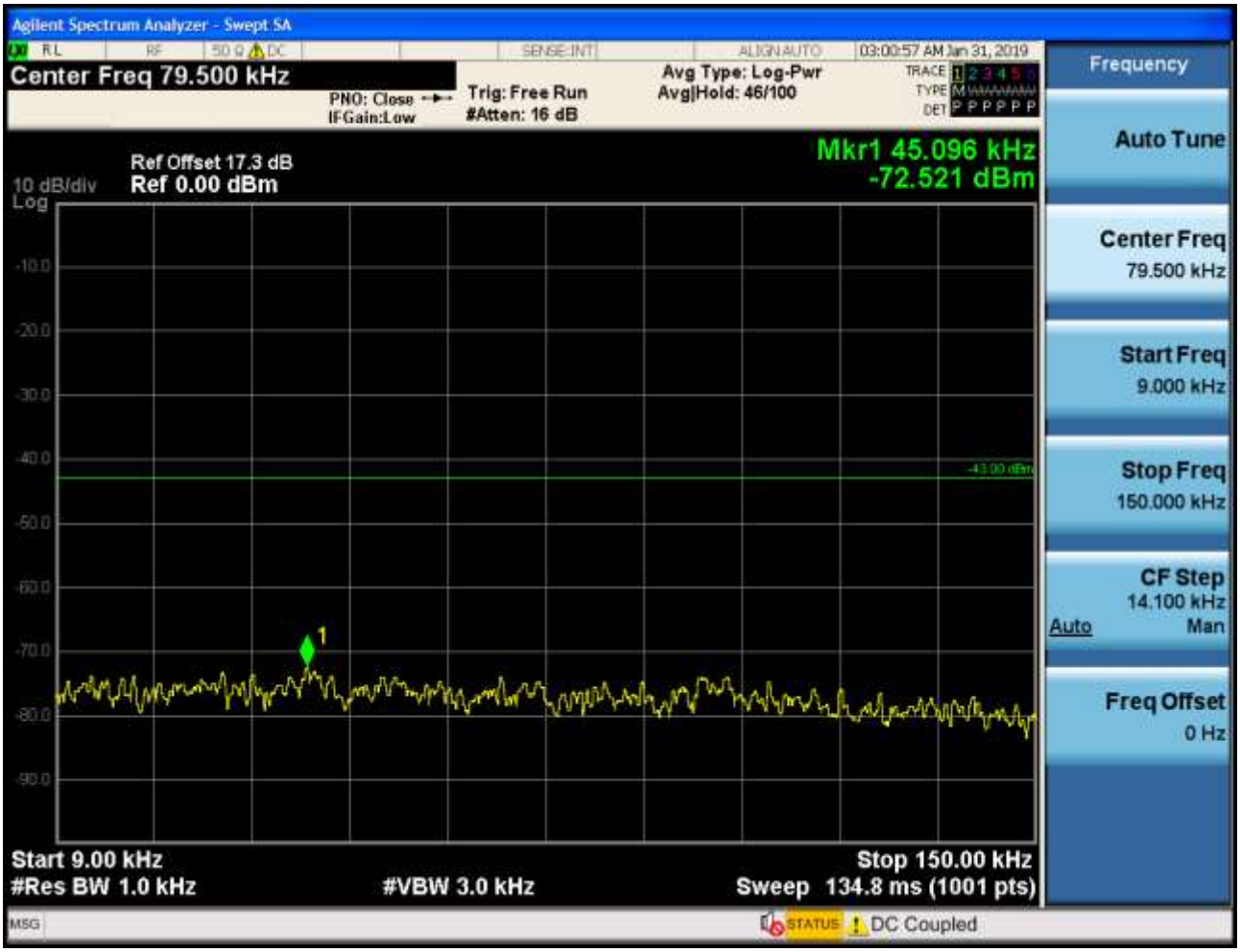
6.2.1.1.6.2 Test Channel = MCH

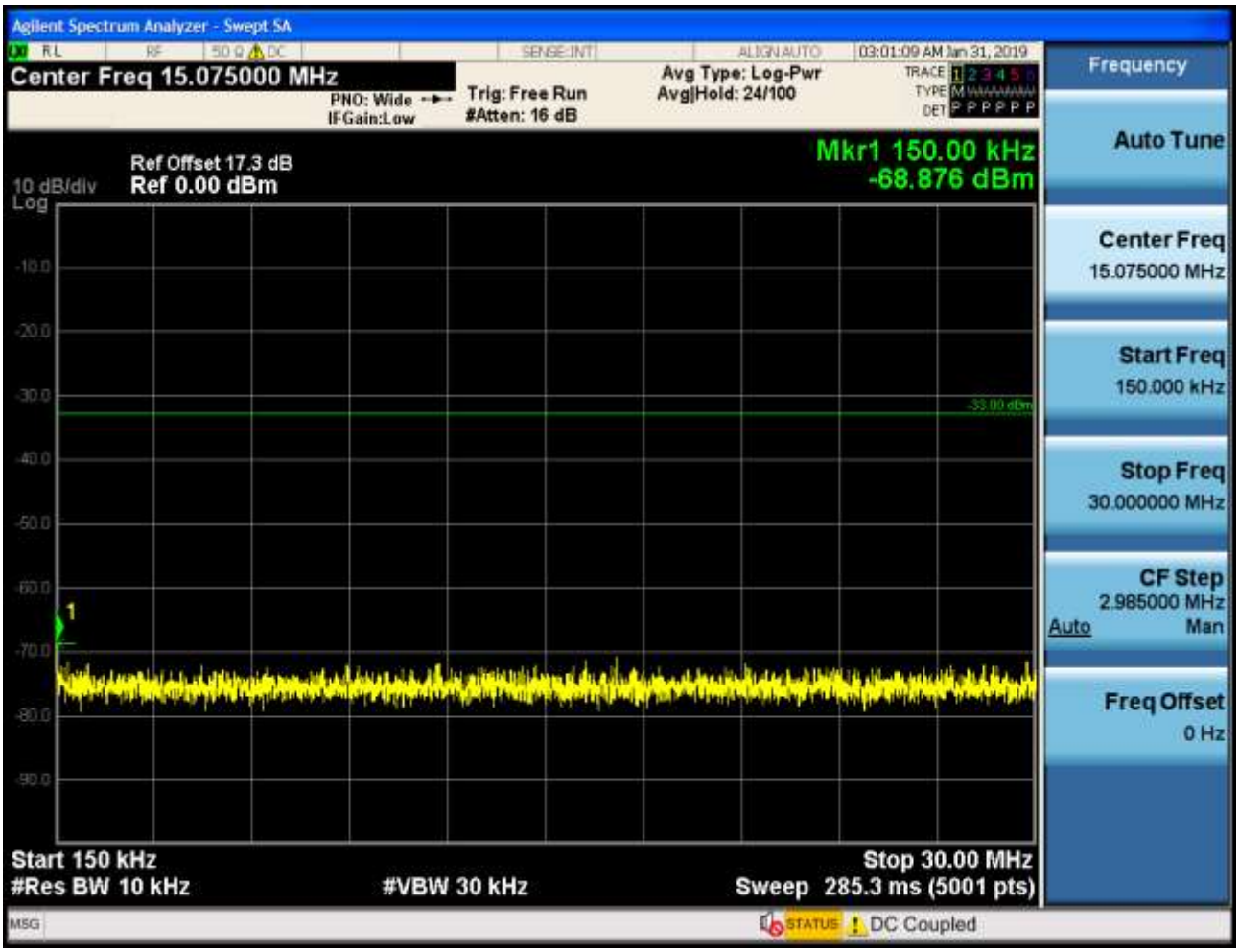
6.2.1.1.6.2.1 Test RB = RB1#0



6.2.1.1.6.3 Test Channel = HCH

6.2.1.1.6.3.1 Test RB = RB1#0



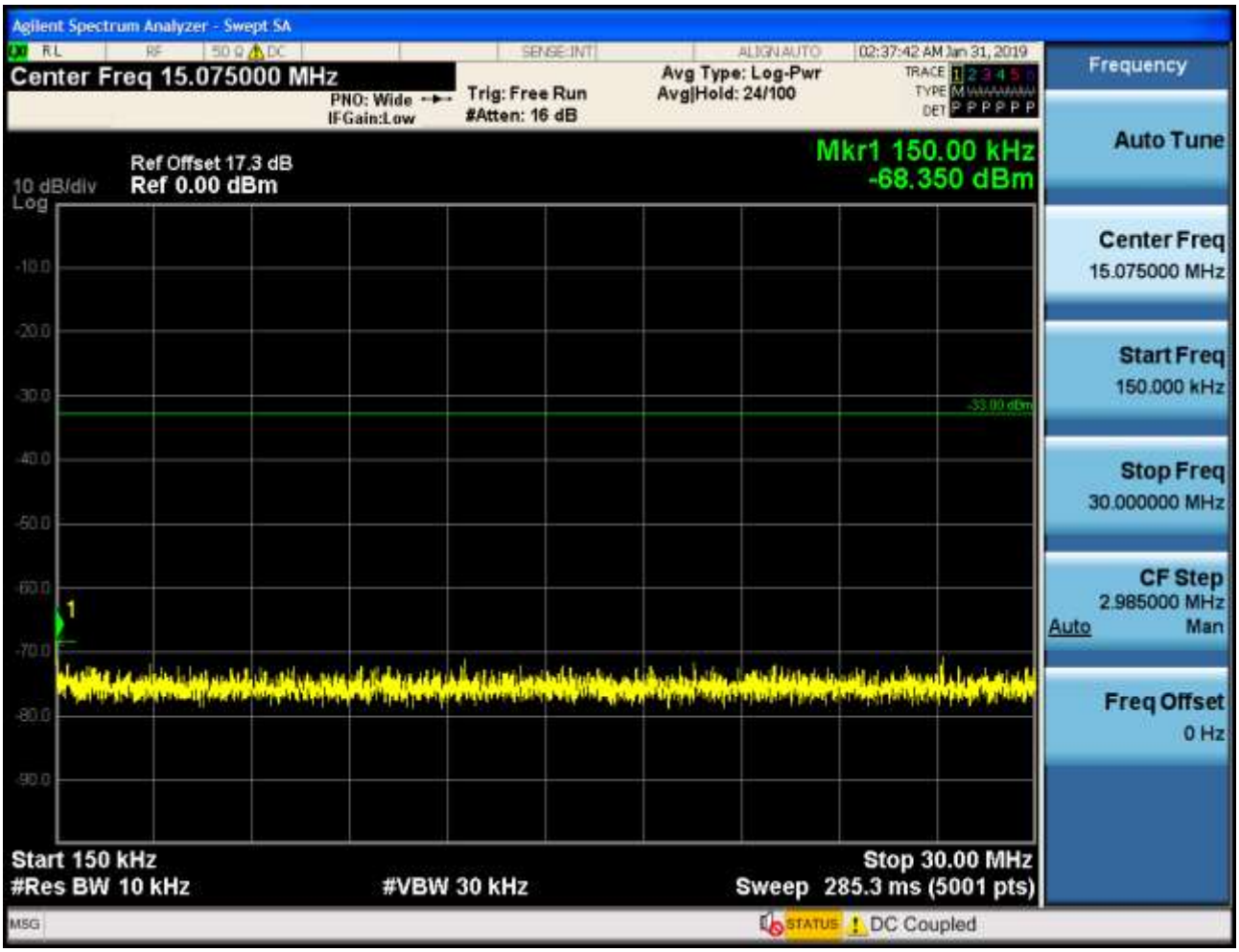


6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 1.4

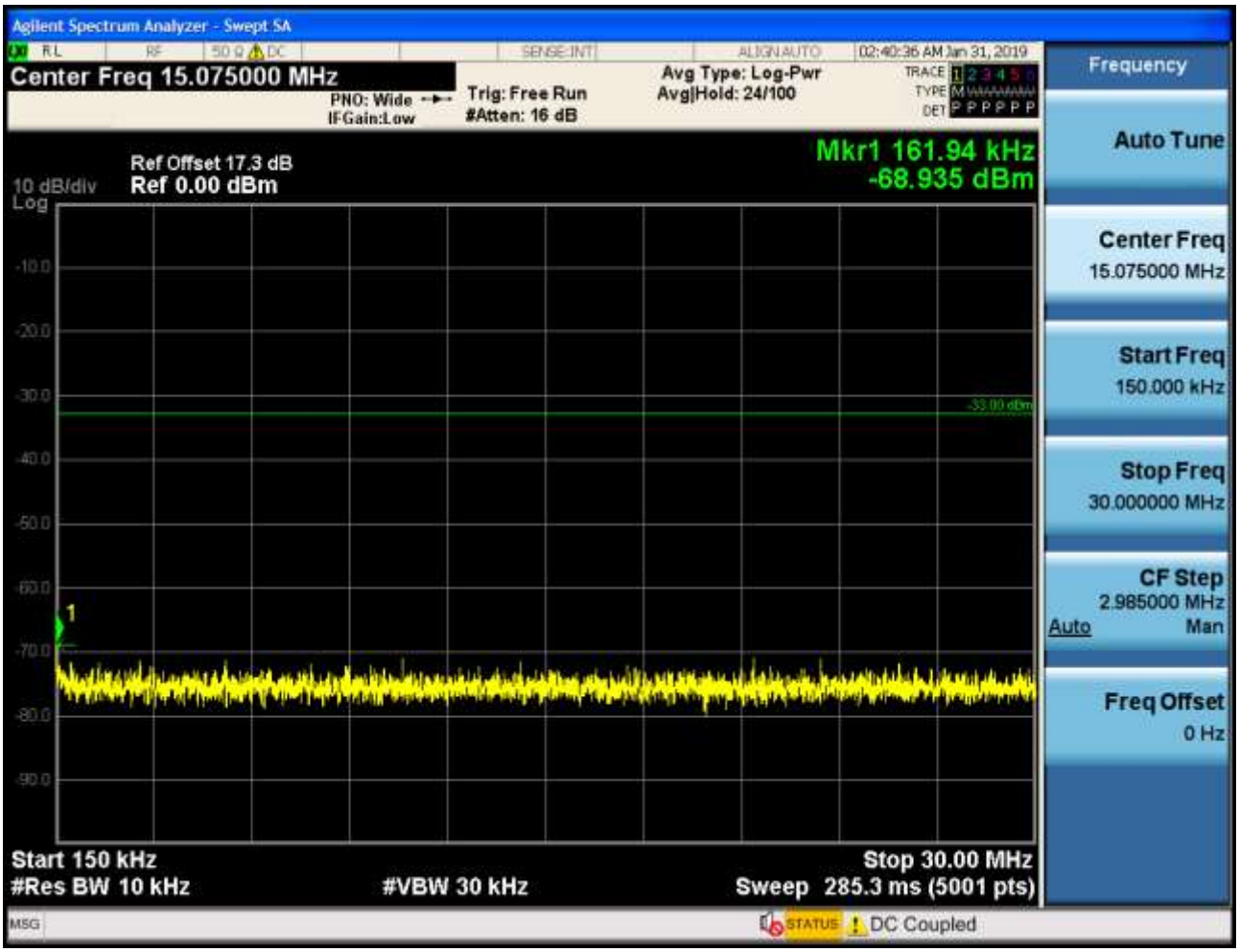
6.2.1.2.1.1 Test Channel = LCH

####### 6.2.1.2.1.1.1 Test RB = RB1#0



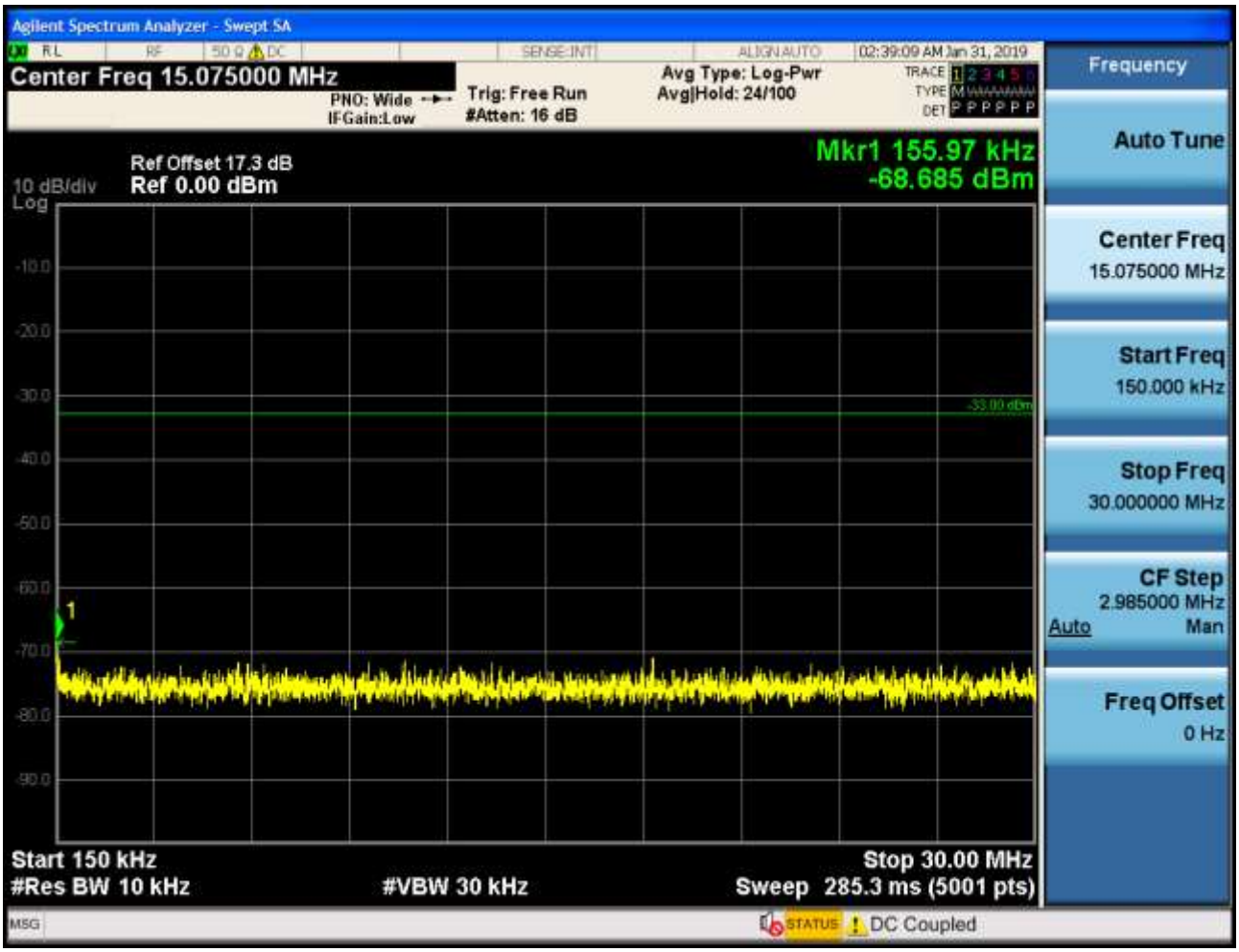
6.2.1.2.1.2 Test Channel = MCH

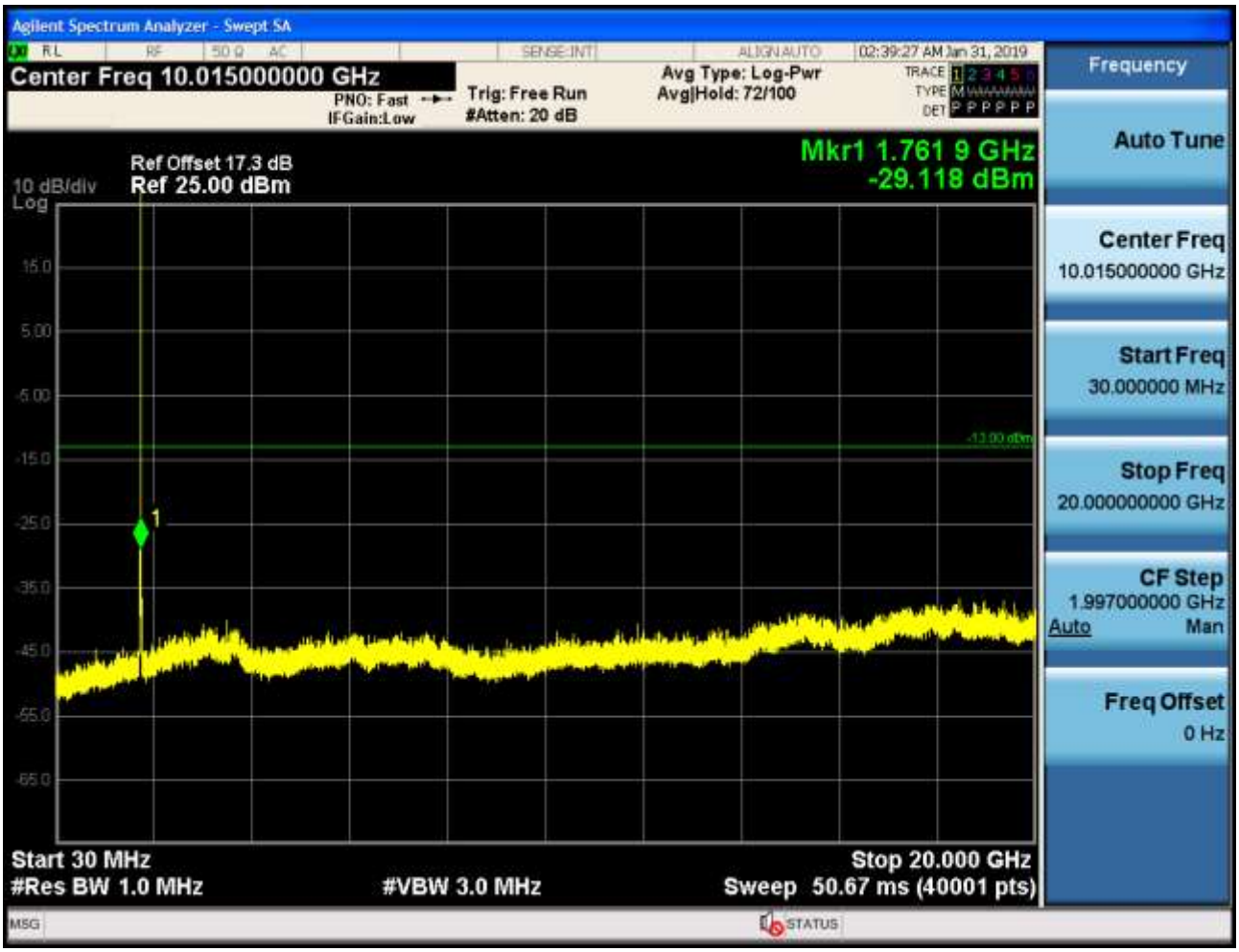
6.2.1.2.1.2.1 Test RB = RB1#0



6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0

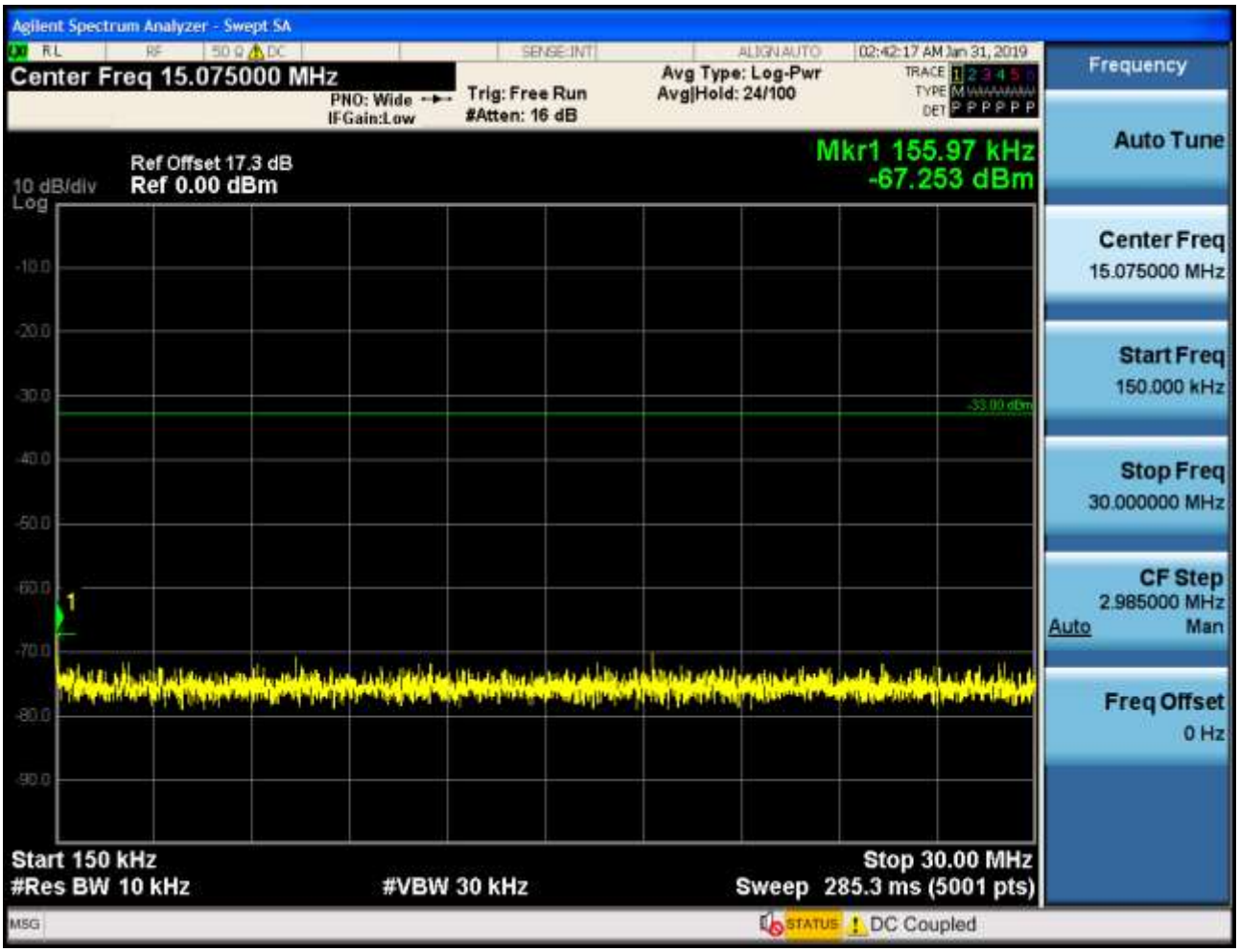




6.2.1.2.2 Test Bandwidth = 3

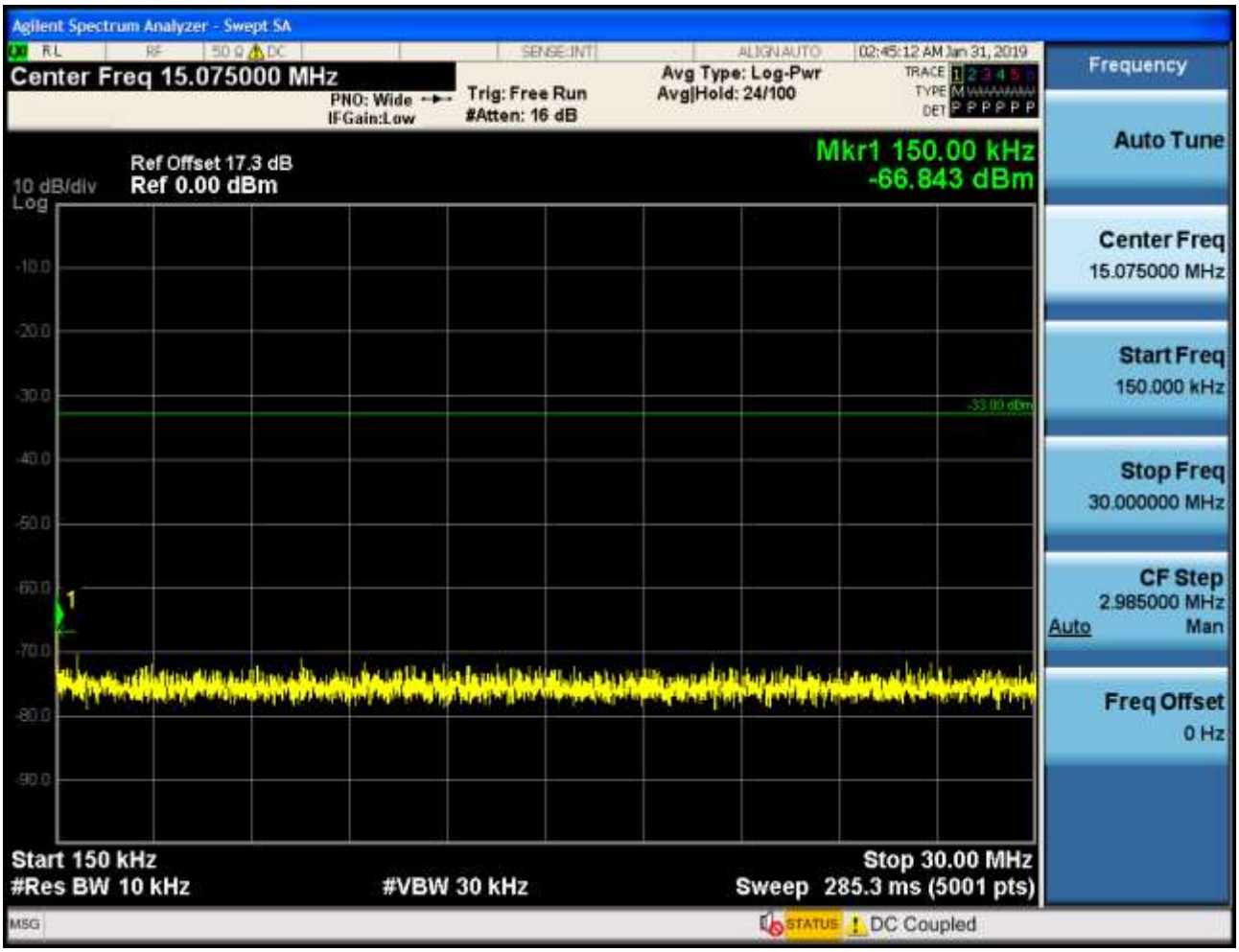
6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



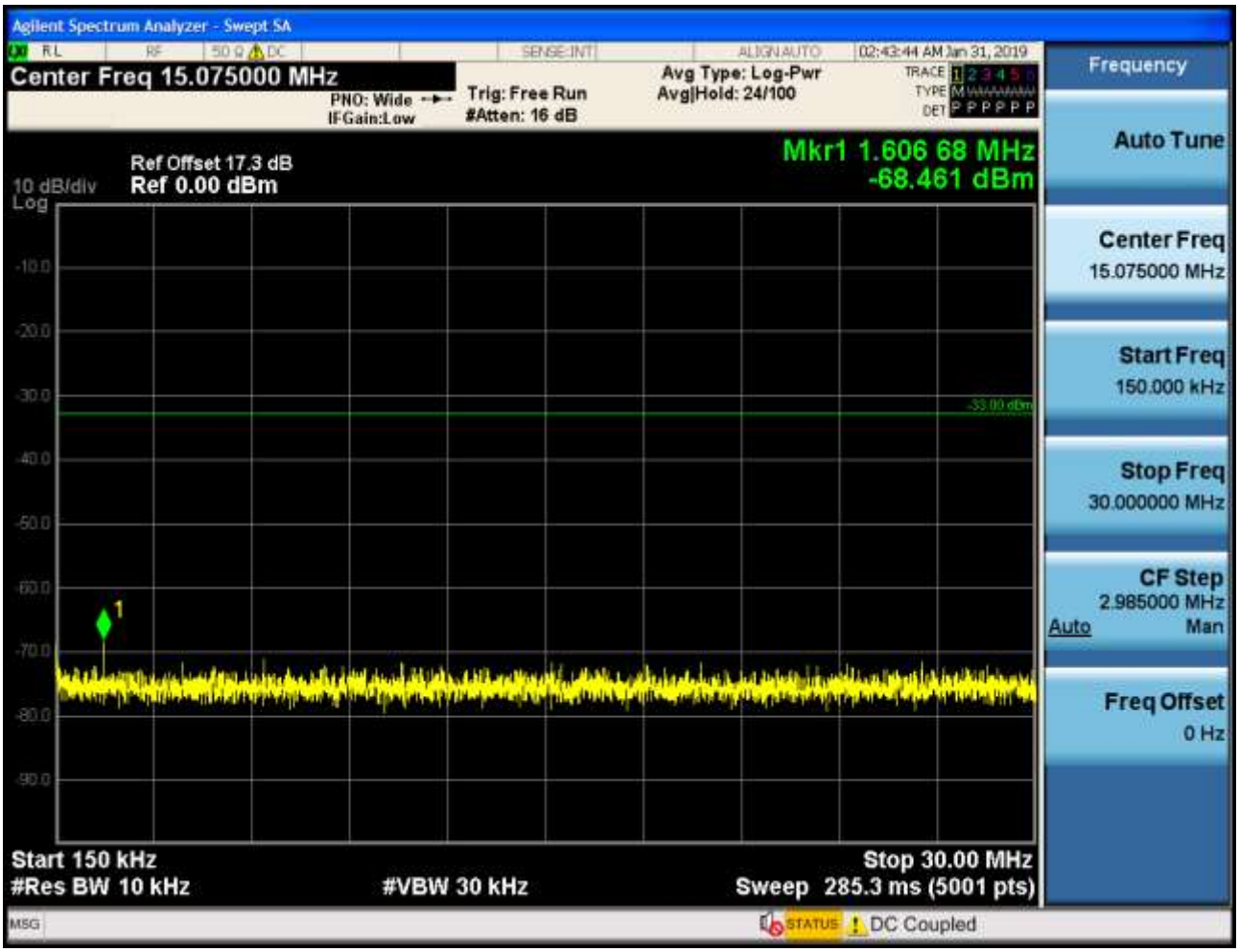
6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



6.2.1.2.2.3 Test Channel = HCH

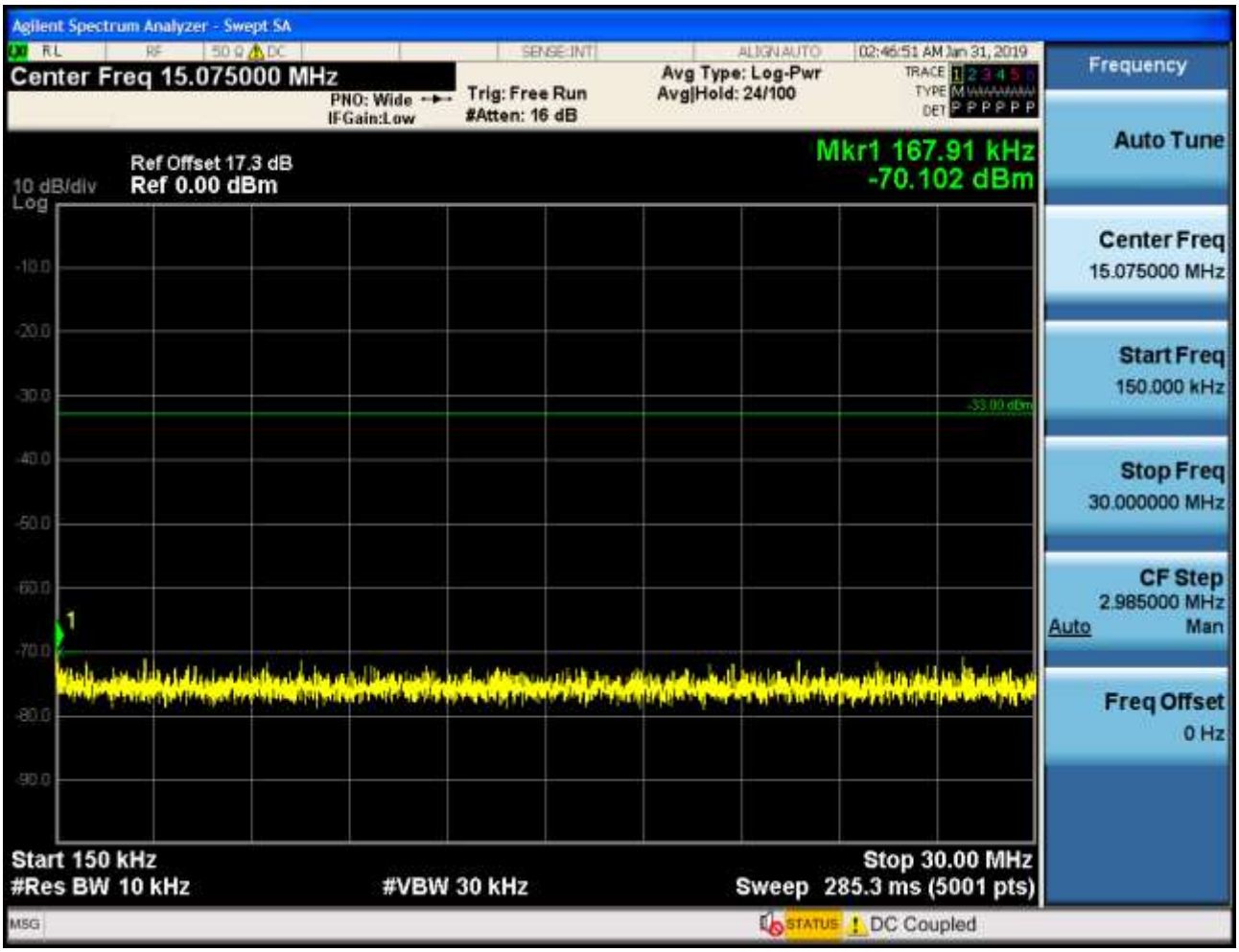
6.2.1.2.2.3.1 Test RB = RB1#0



6.2.1.2.3 Test Bandwidth = 5

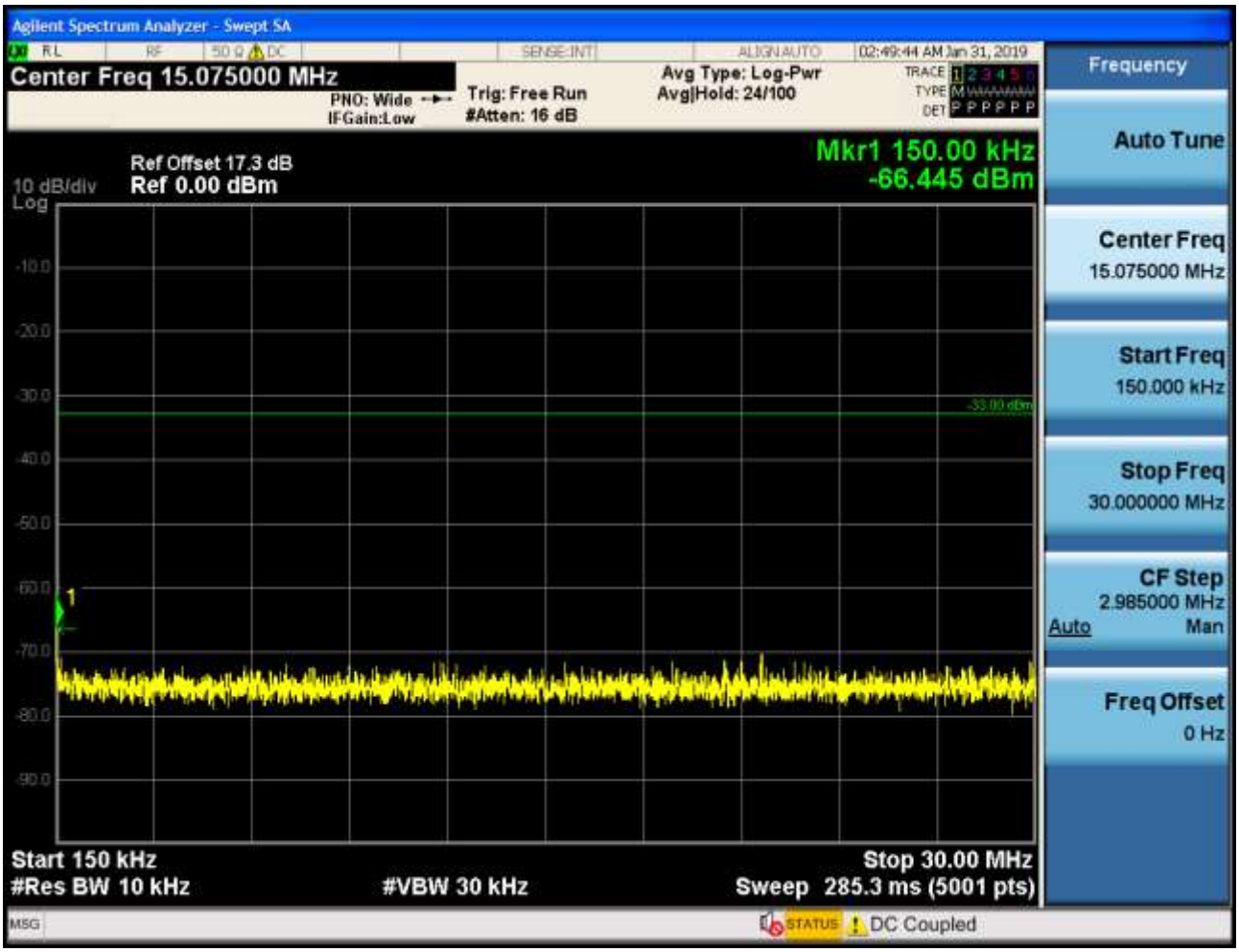
6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



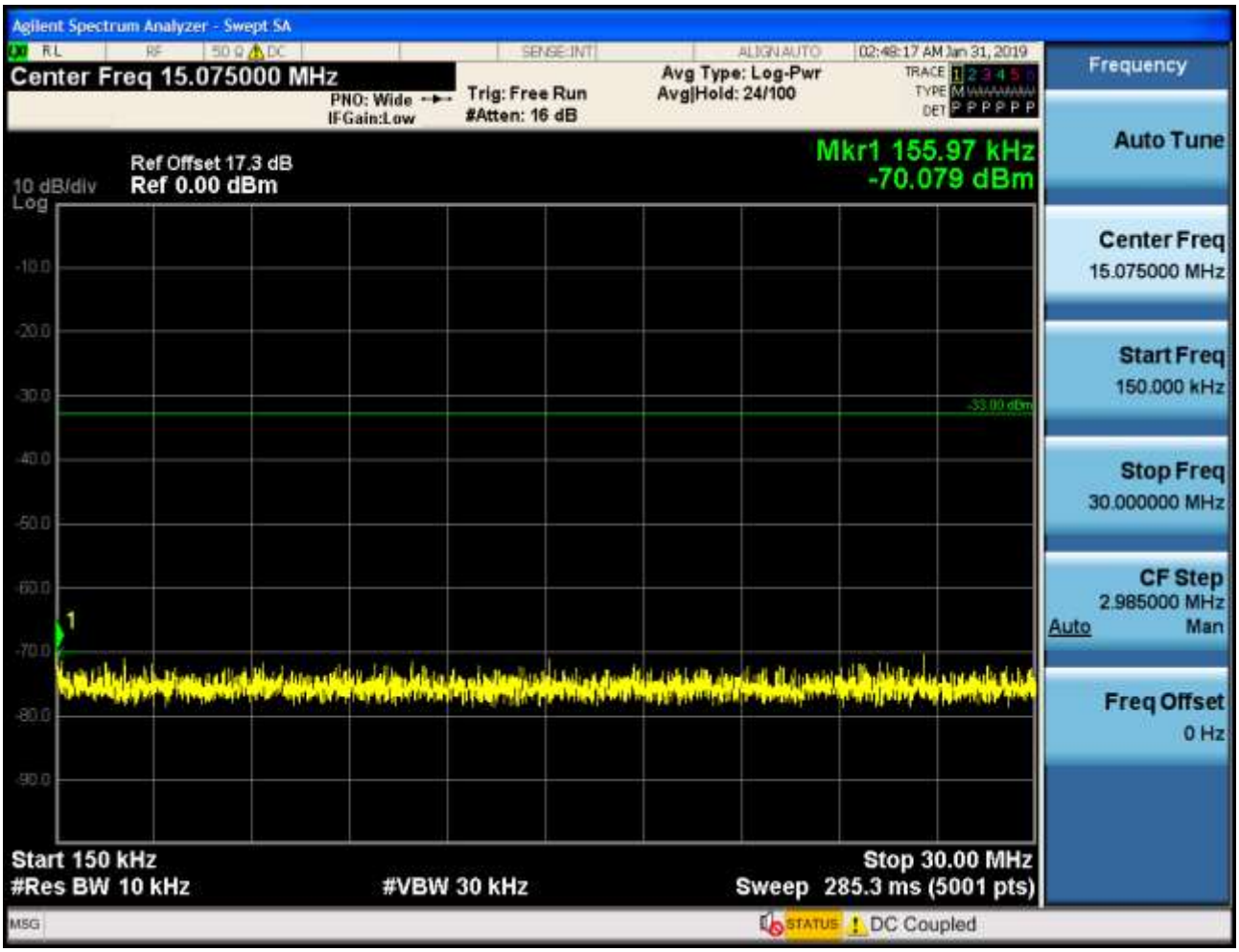
6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



6.2.1.2.3.3 Test Channel = HCH

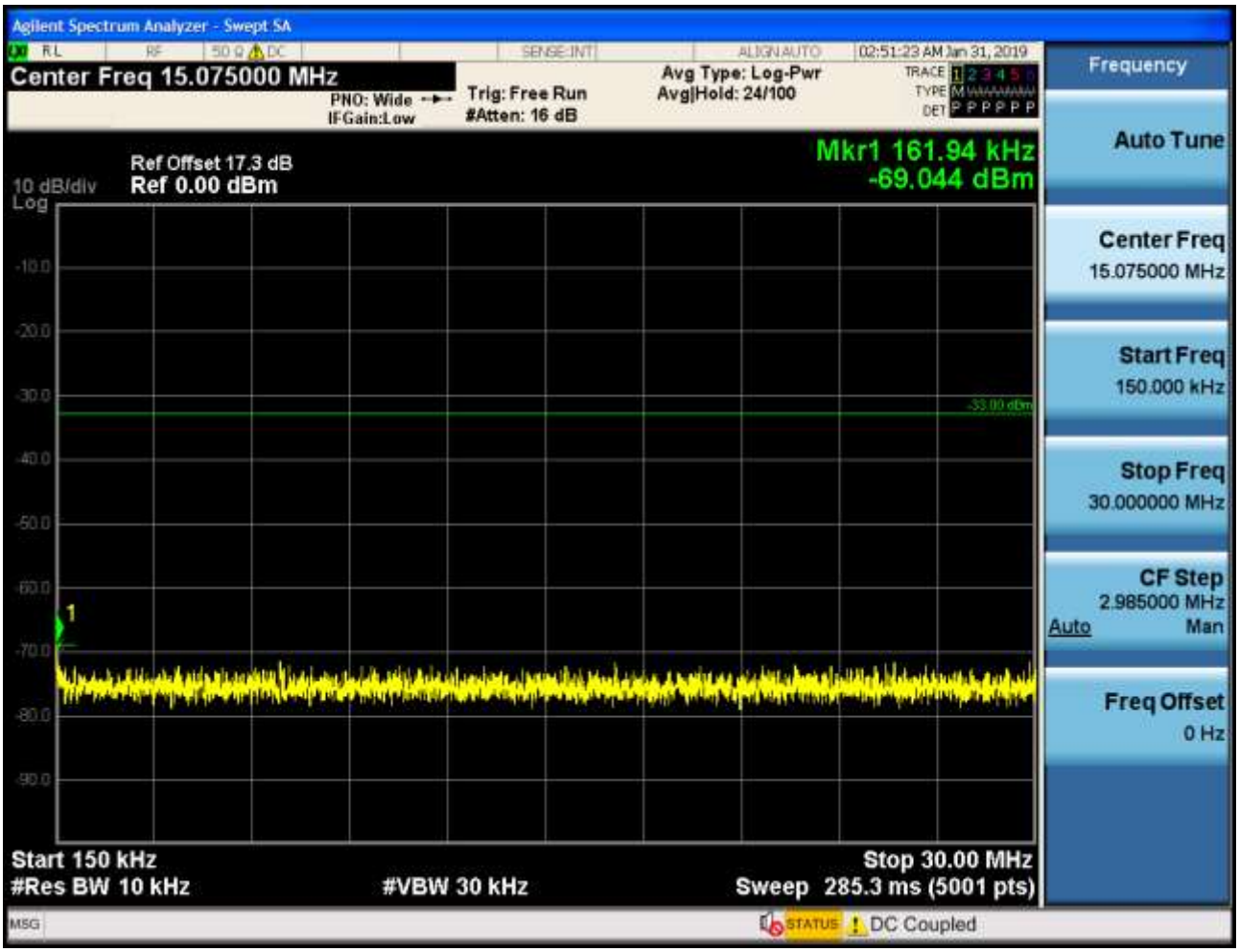
6.2.1.2.3.3.1 Test RB = RB1#0



6.2.1.2.4 Test Bandwidth = 10

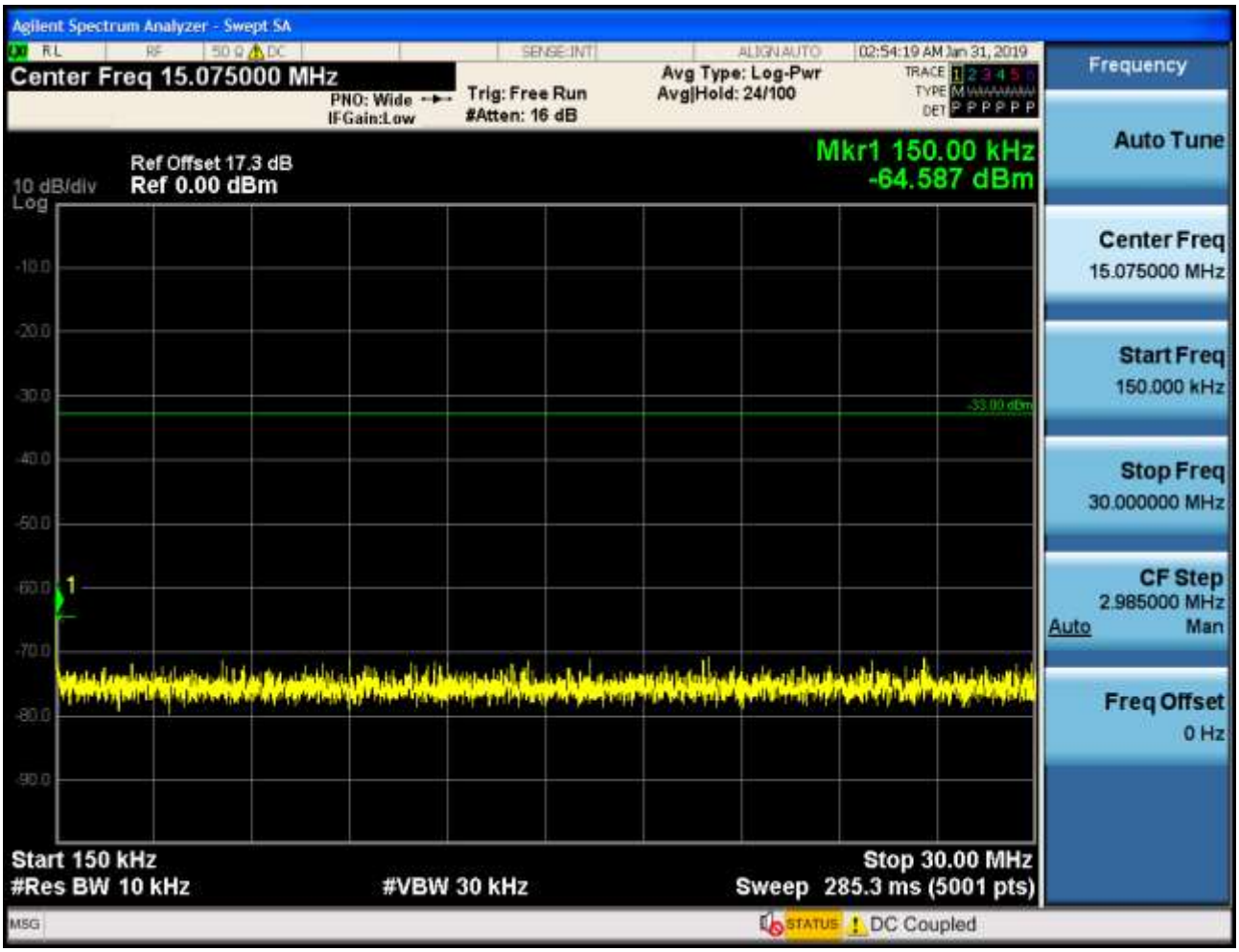
6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



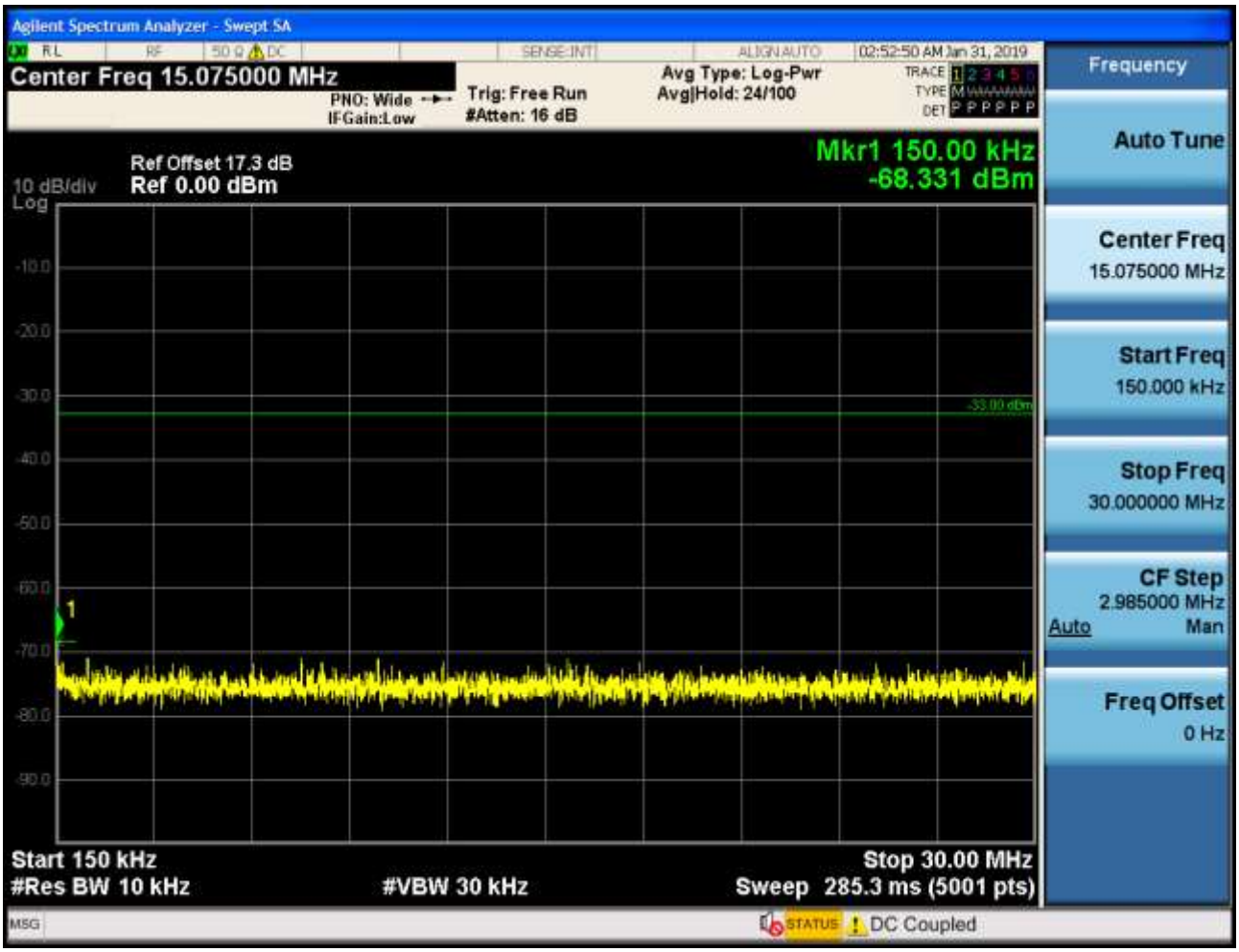
6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



6.2.1.2.4.3 Test Channel = HCH

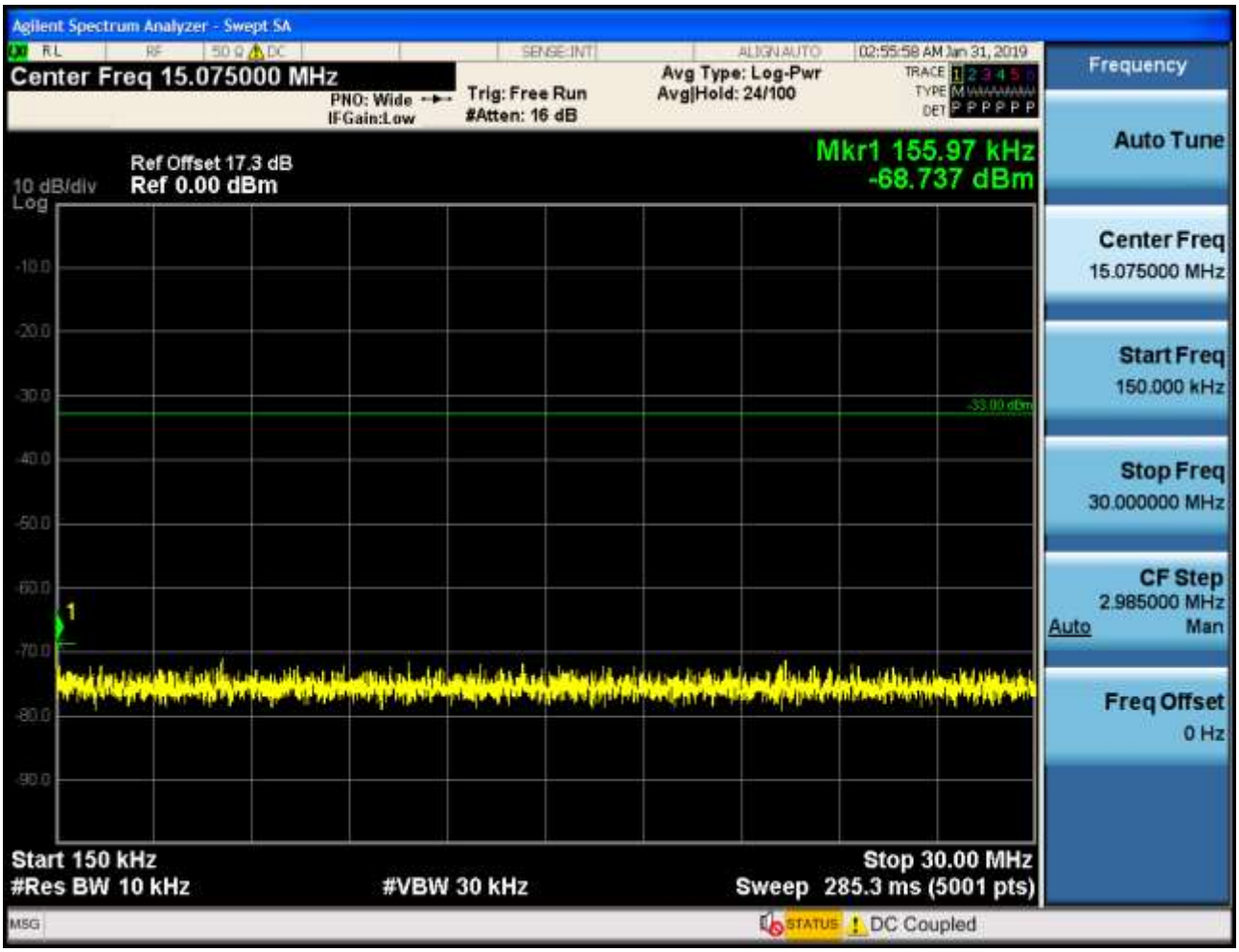
6.2.1.2.4.3.1 Test RB = RB1#0



6.2.1.2.5 Test Bandwidth = 15

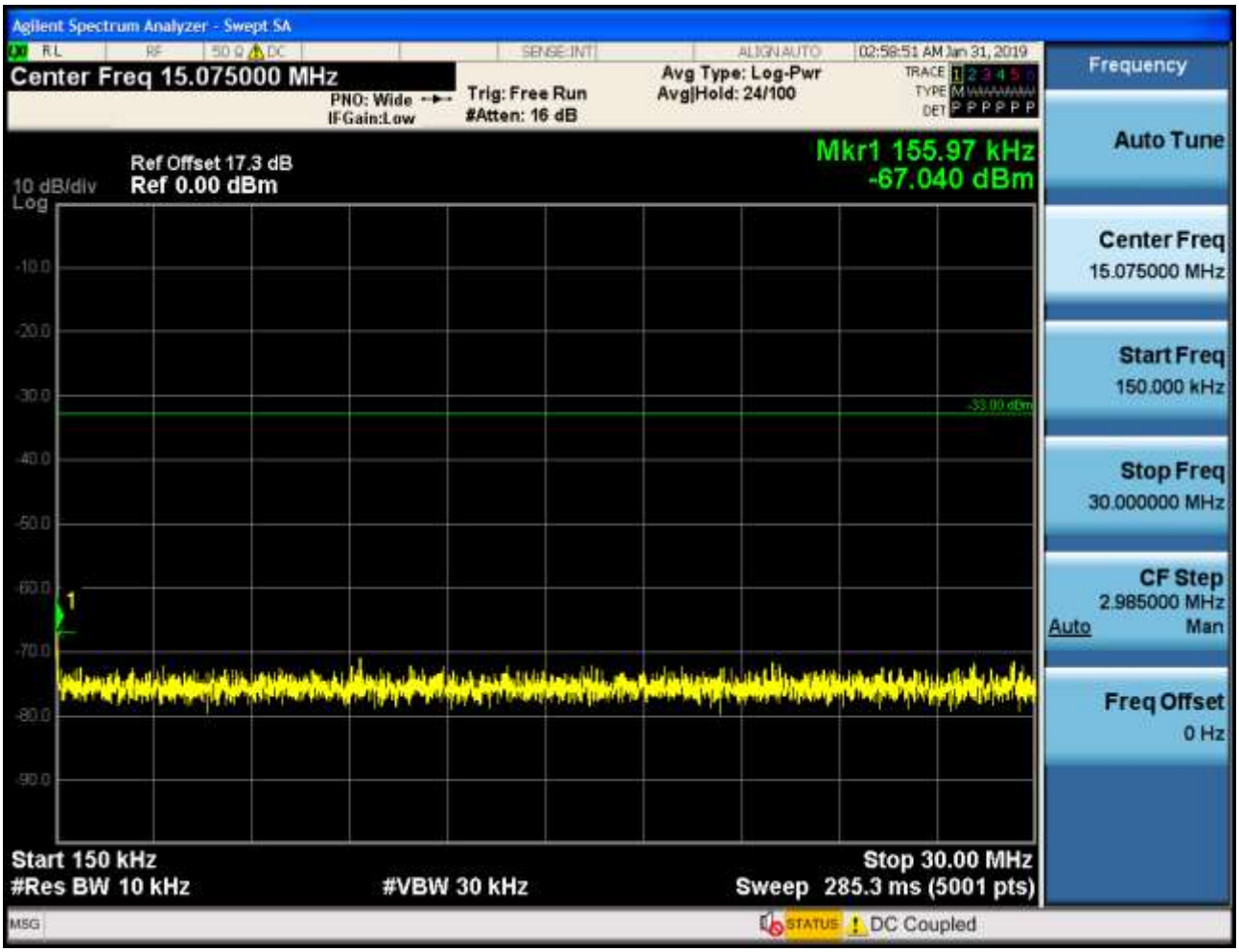
6.2.1.2.5.1 Test Channel = LCH

6.2.1.2.5.1.1 Test RB = RB1#0



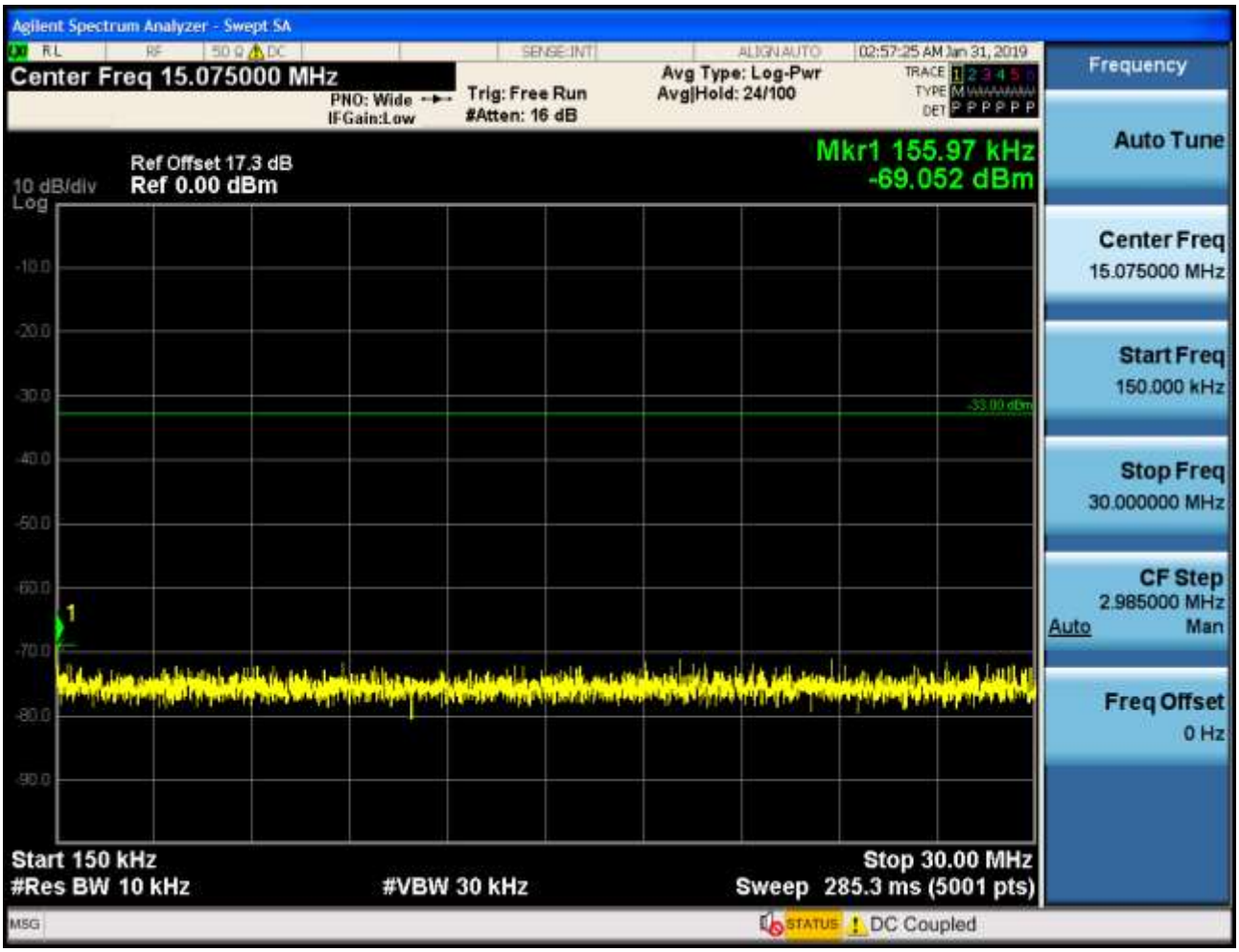
6.2.1.2.5.2 Test Channel = MCH

6.2.1.2.5.2.1 Test RB = RB1#0



6.2.1.2.5.3 Test Channel = HCH

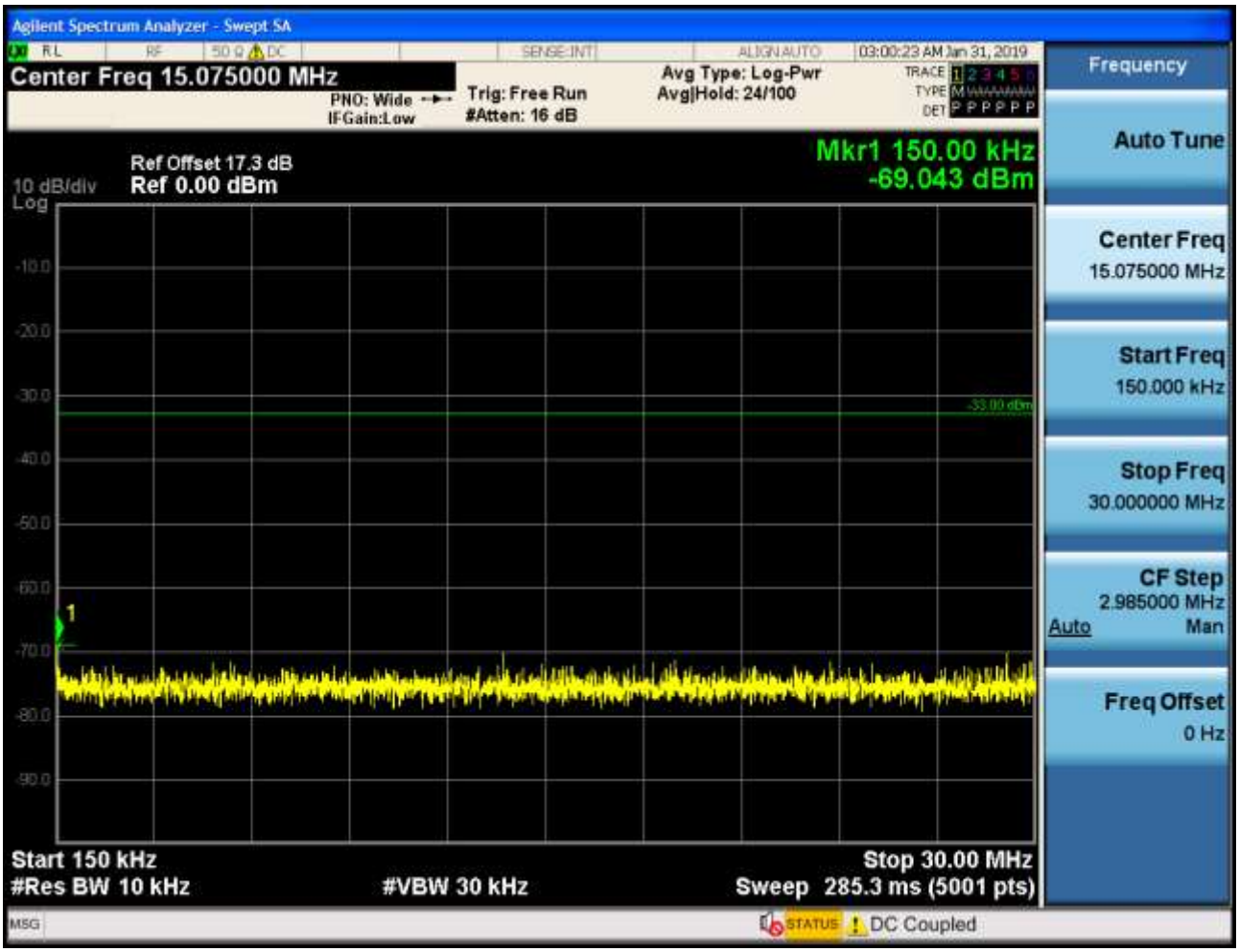
6.2.1.2.5.3.1 Test RB = RB1#0



6.2.1.2.6 Test Bandwidth = 20

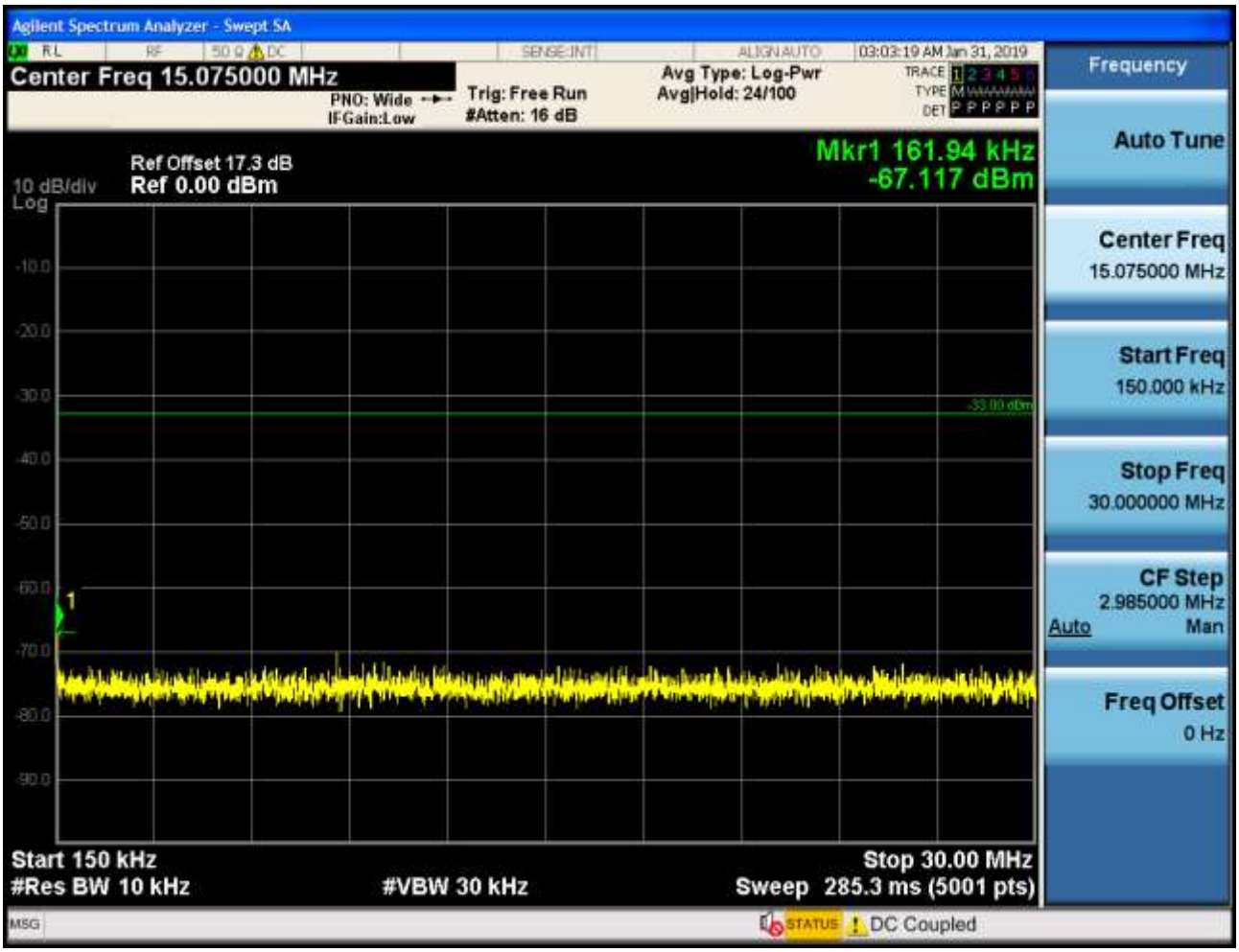
6.2.1.2.6.1 Test Channel = LCH

6.2.1.2.6.1.1 Test RB = RB1#0



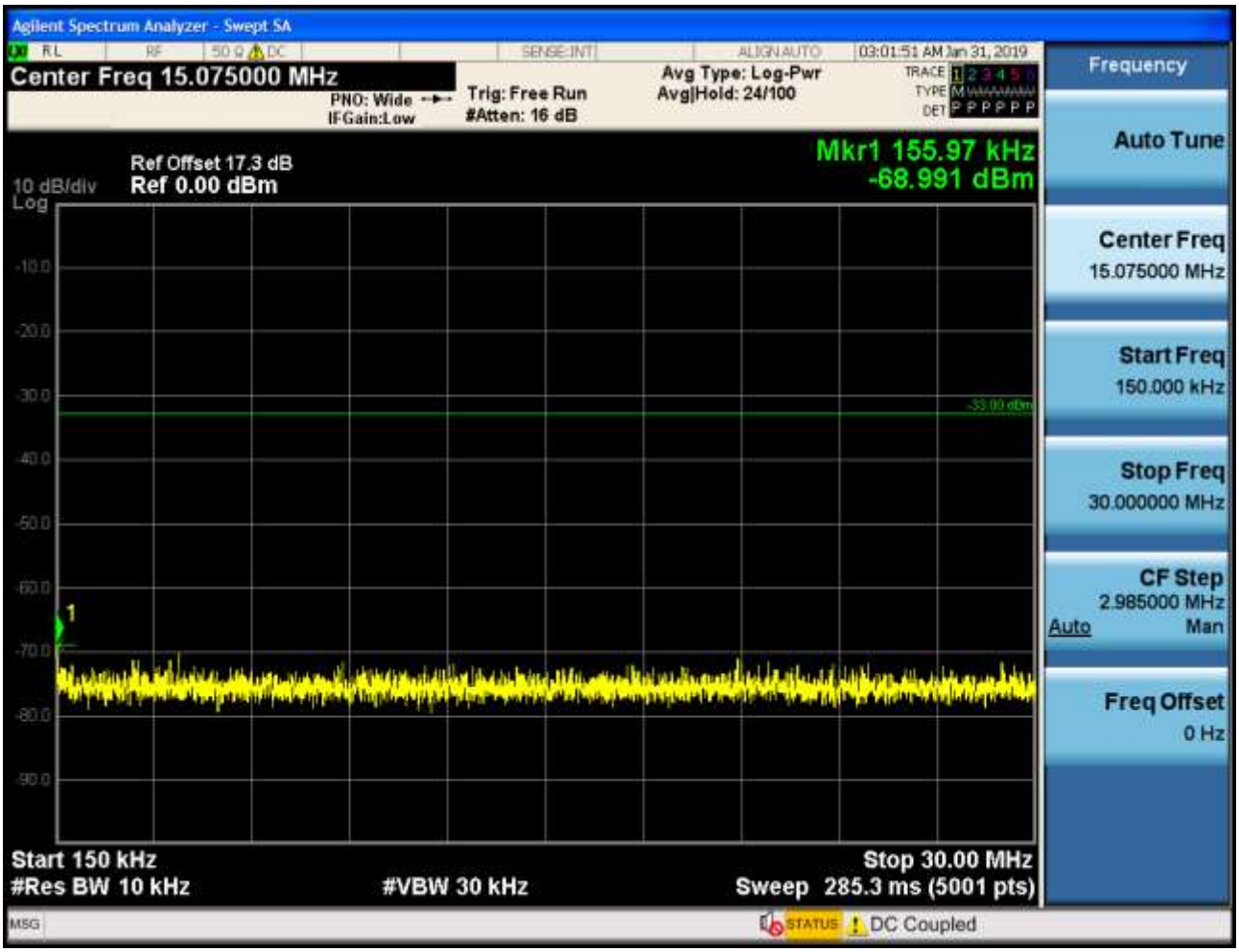
6.2.1.2.6.2 Test Channel = MCH

6.2.1.2.6.2.1 Test RB = RB1#0



6.2.1.2.6.3 Test Channel = HCH

6.2.1.2.6.3.1 Test RB = RB1#0



7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

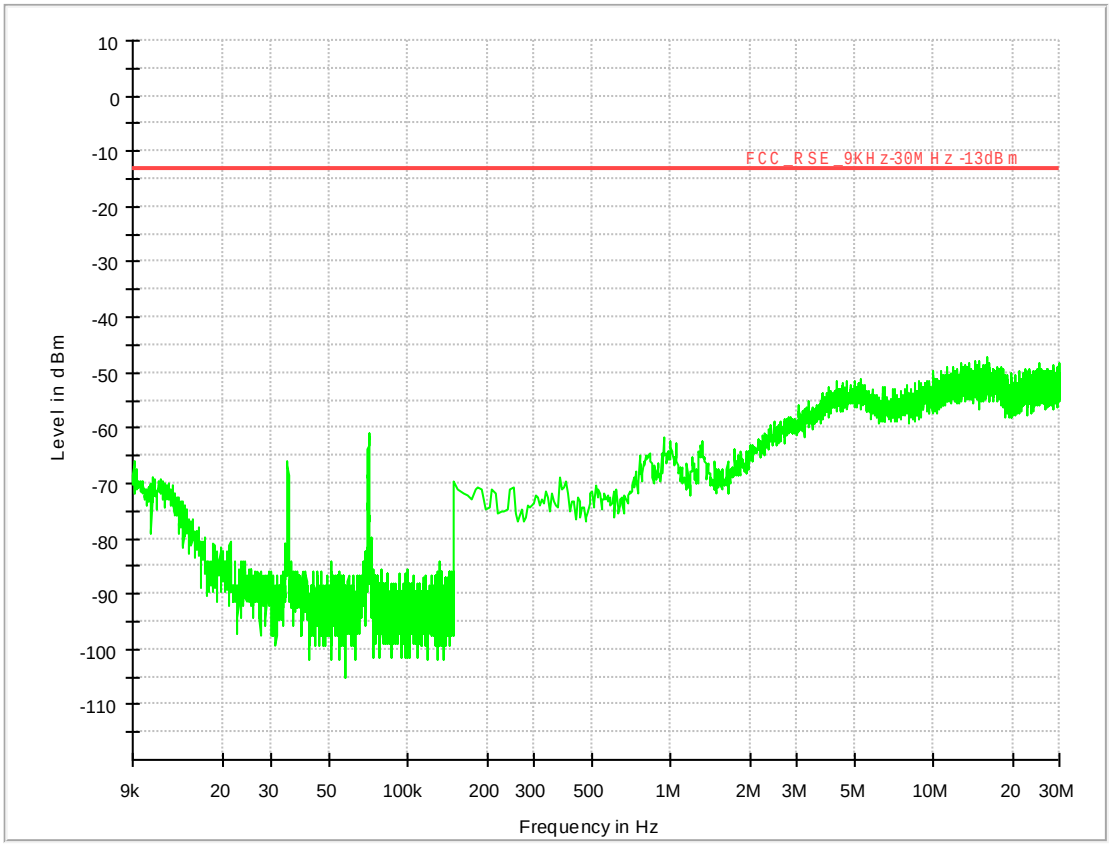
Part I - Test Plots

7.1 For LTE

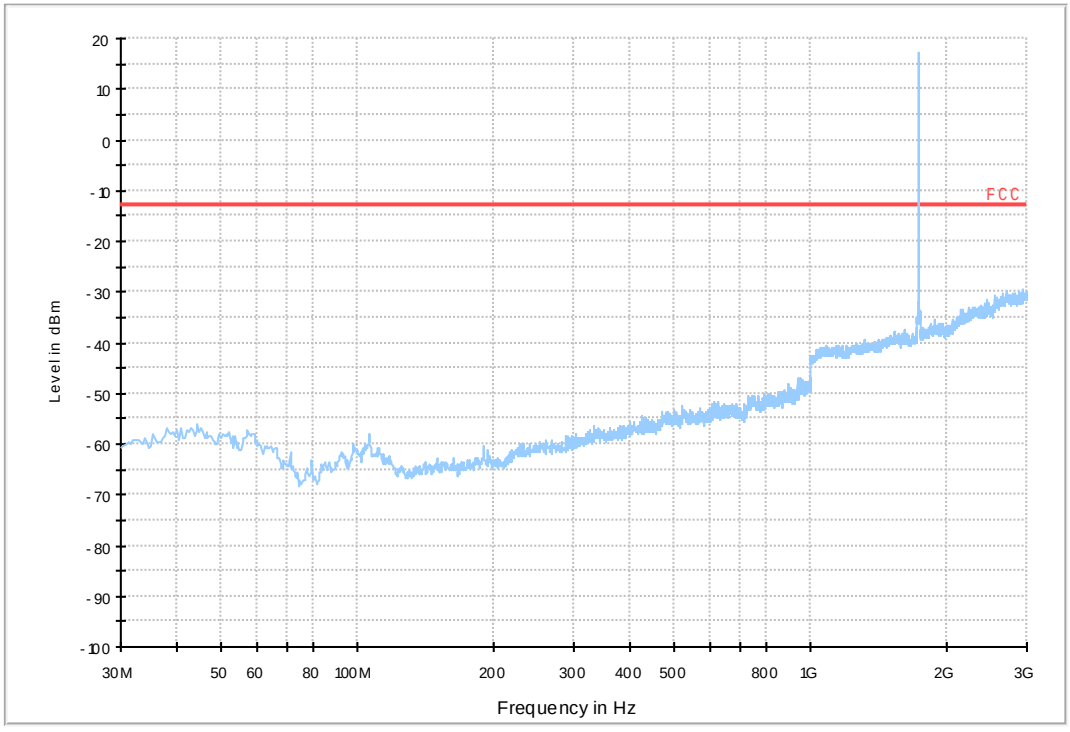
7.1.1 Test Band = Band4

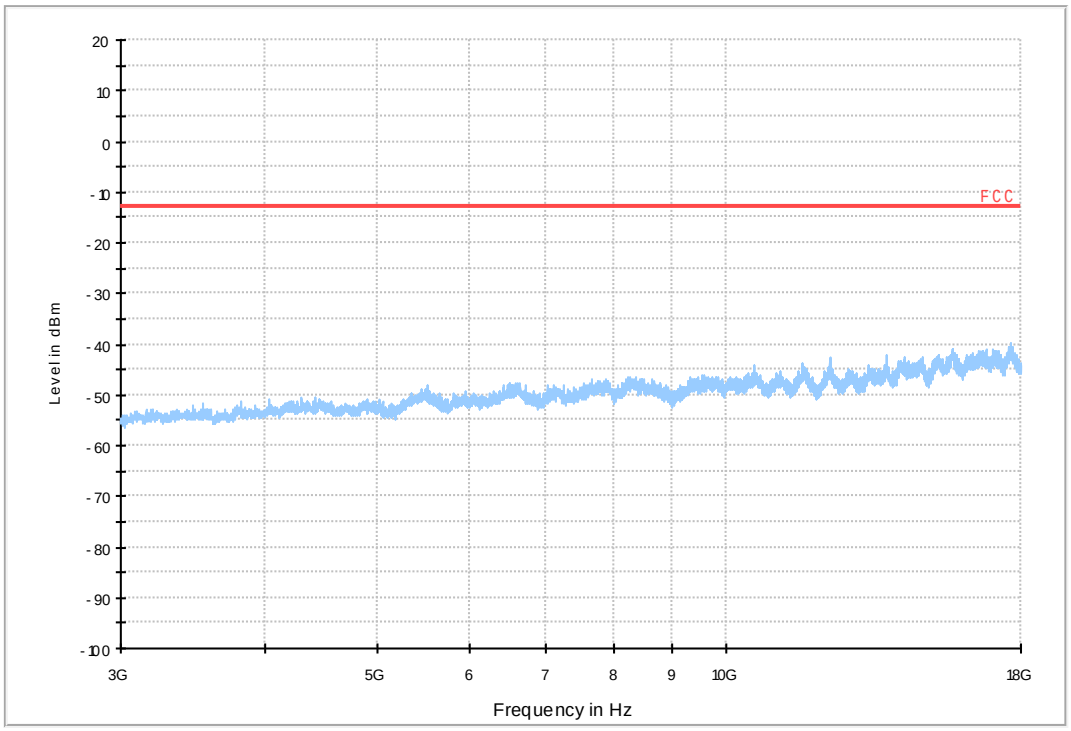
7.1.1.1 Test Bandwidth = 1.4

Band4/TM1_Ant1

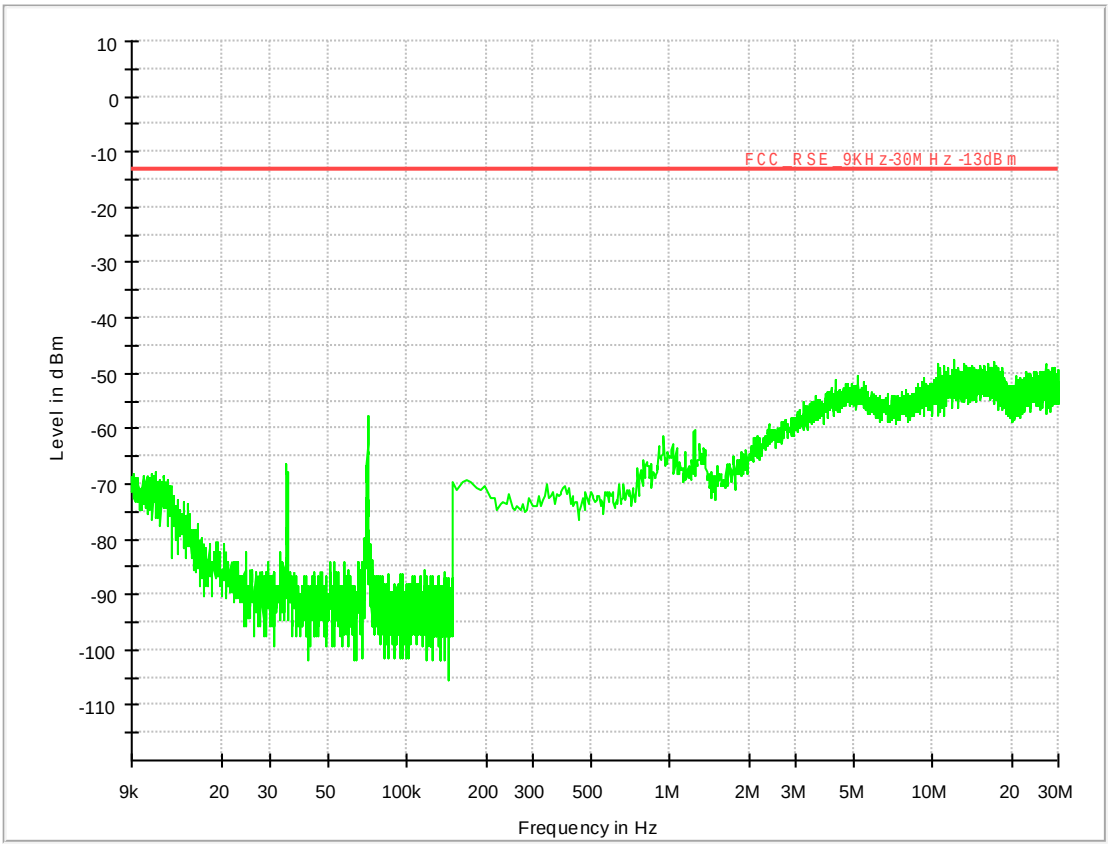


LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L

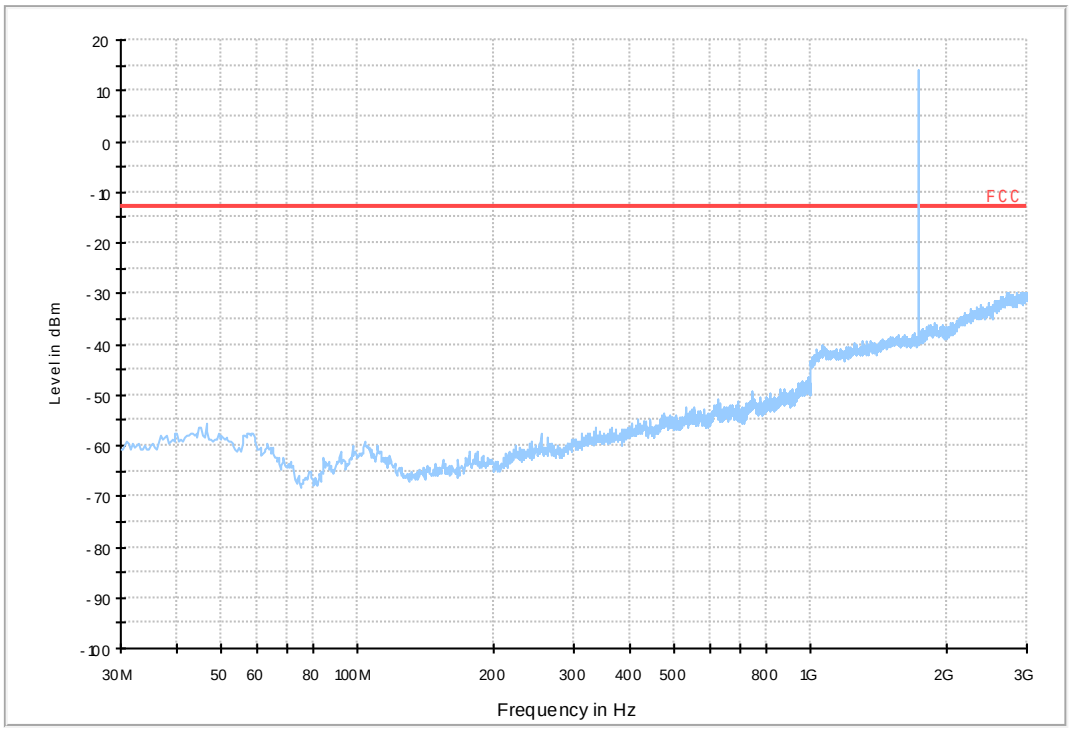




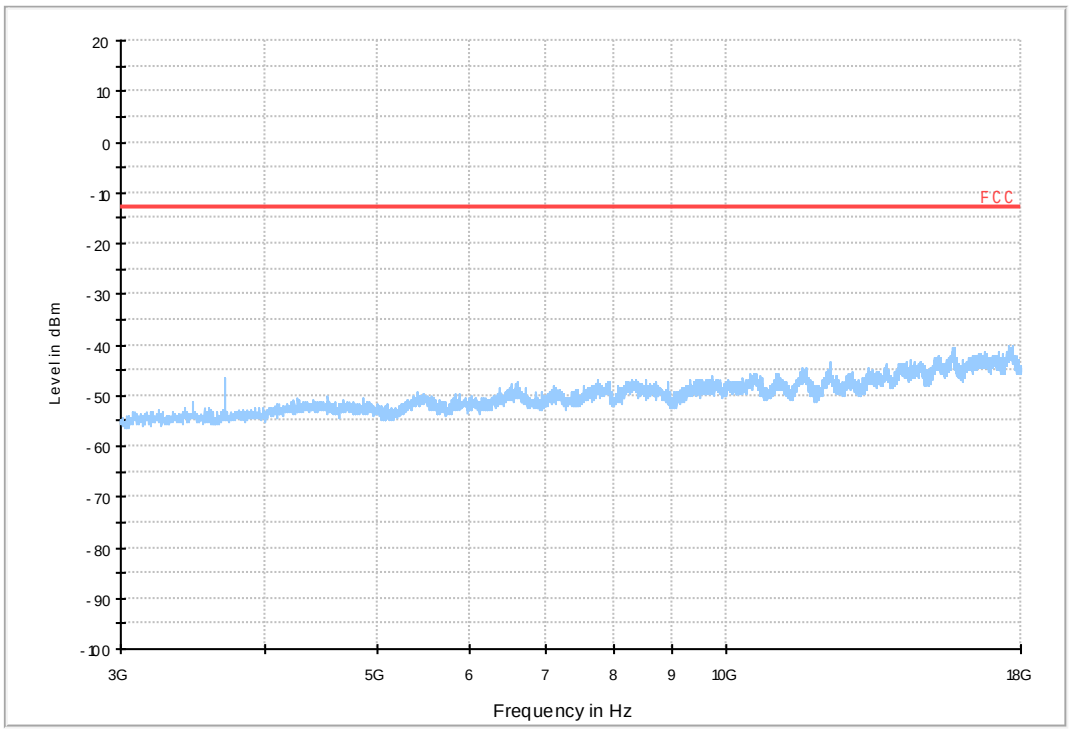
Band4/TM1_Ant2



LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L

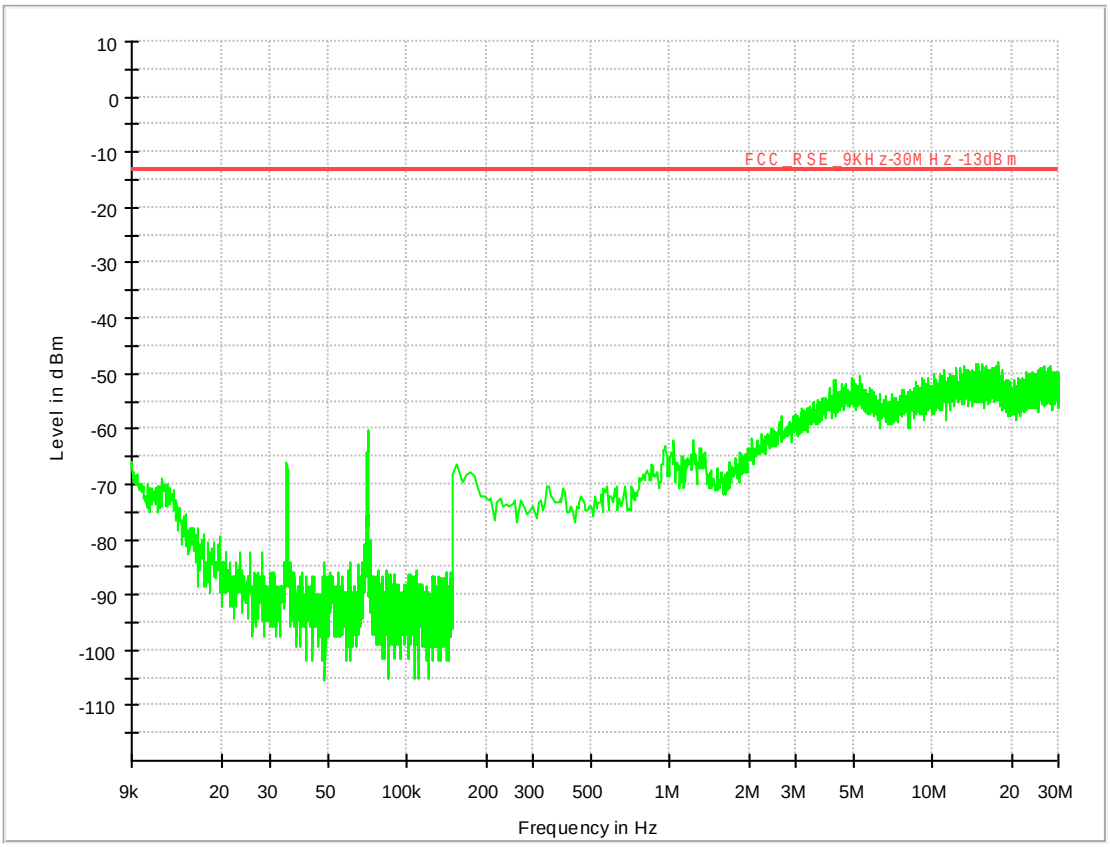


LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H

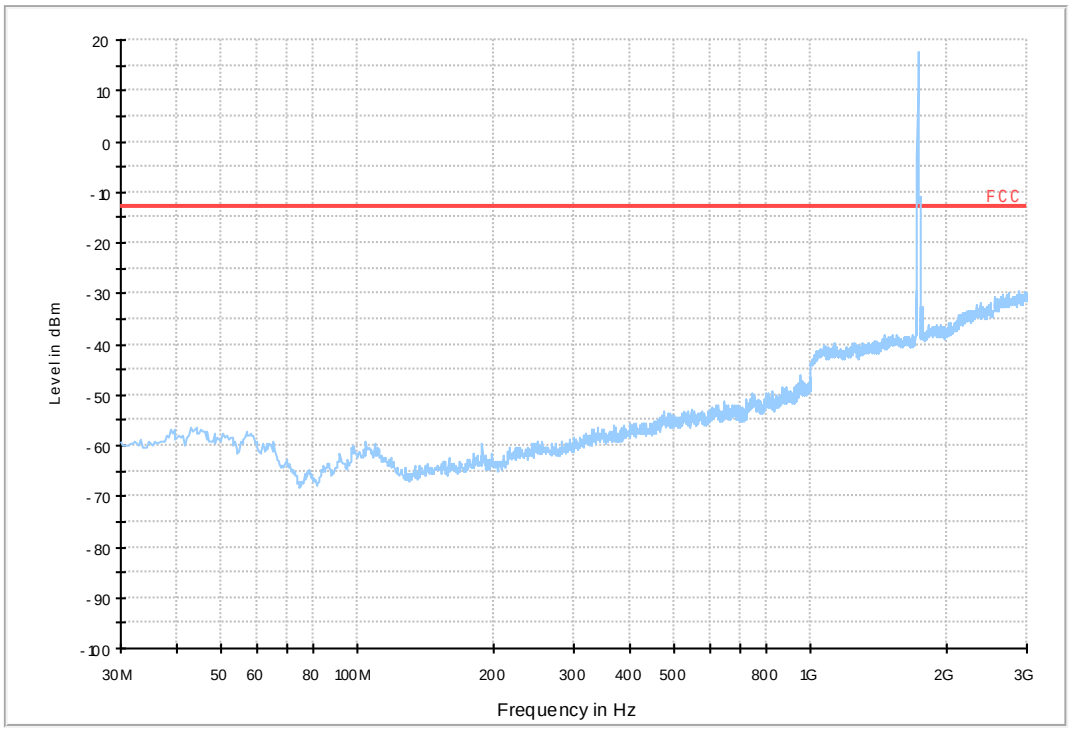


7.1.1.2 Test Bandwidth = 20

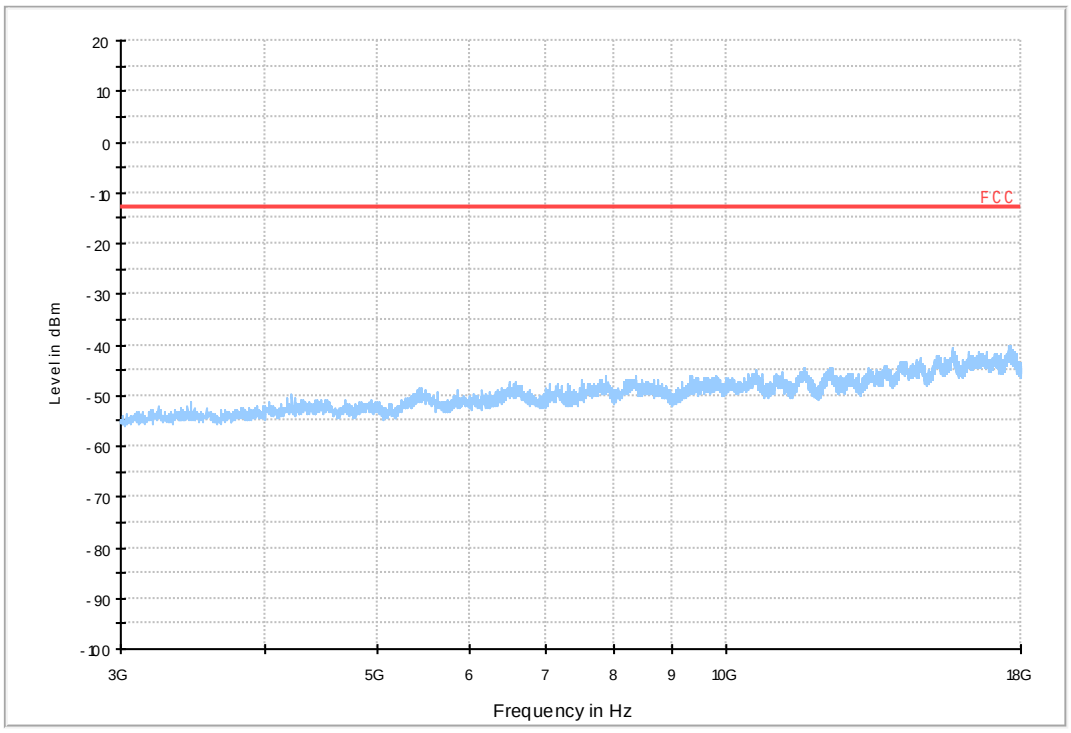
Band4/TM1_Ant1



LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



Band4/TM1_Ant2