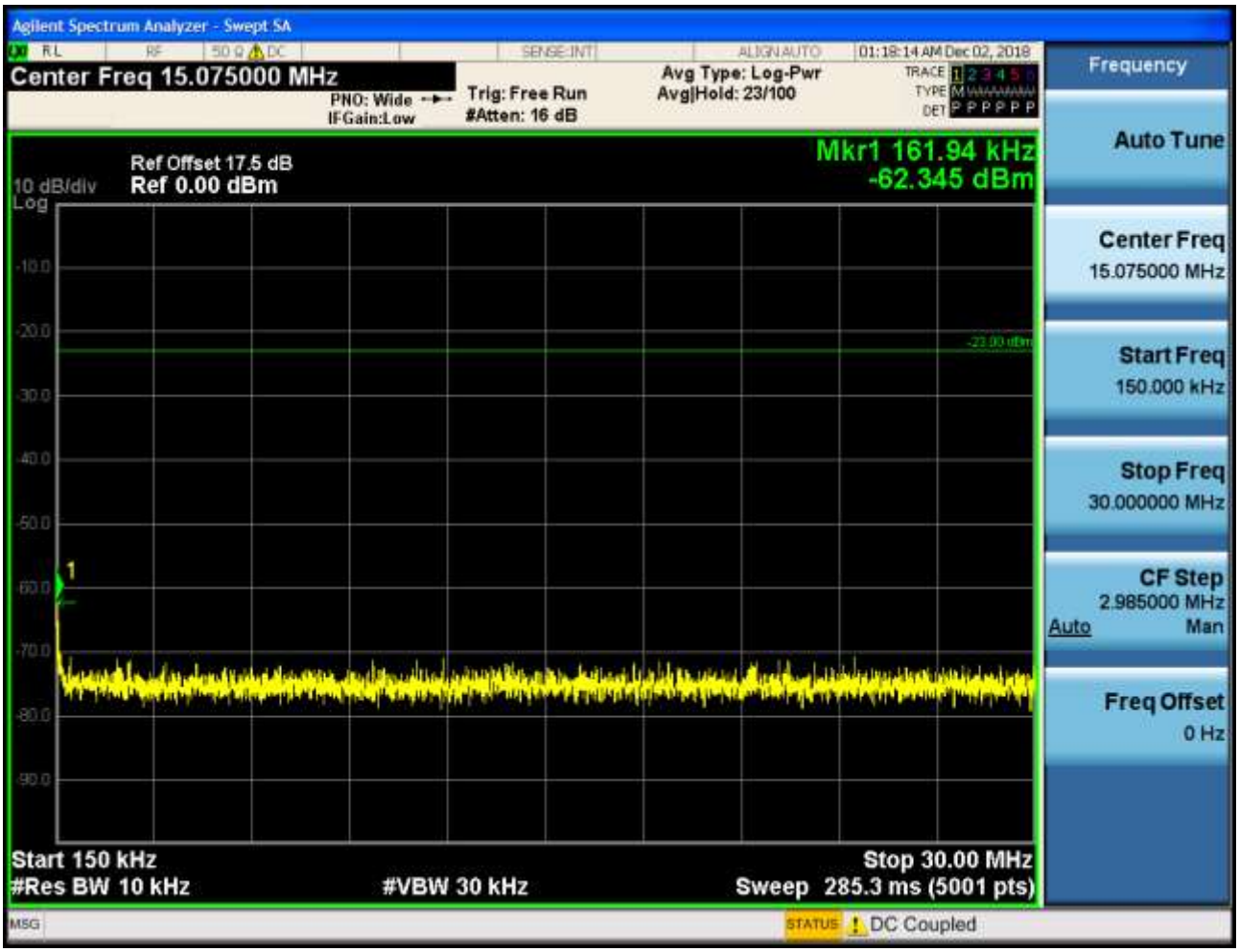
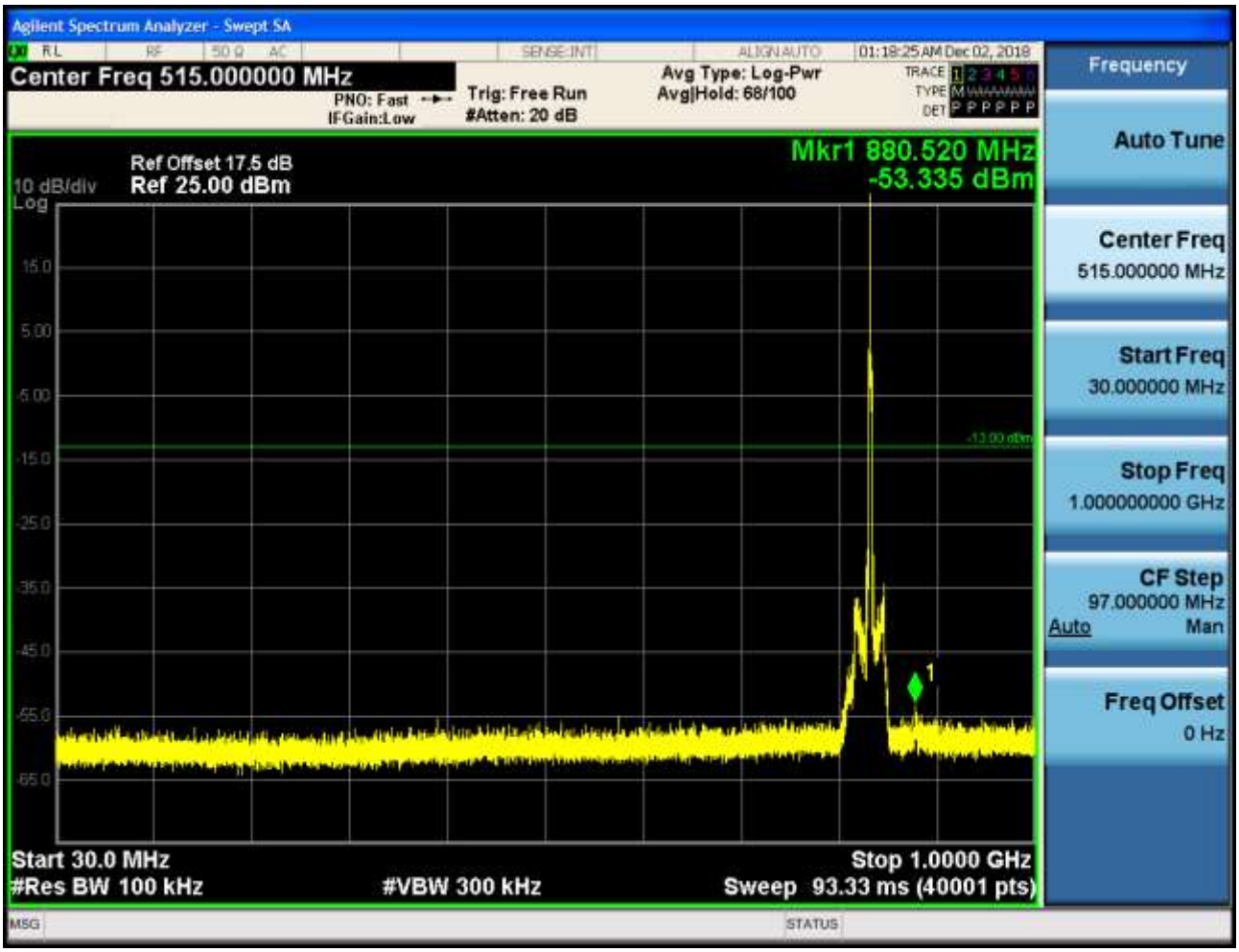
6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:18:14 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-62.345 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 68/100
01:18:25 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 880.520 MHz
-53.335 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 63/100
01:18:35 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.670 93 GHz
-35.915 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0

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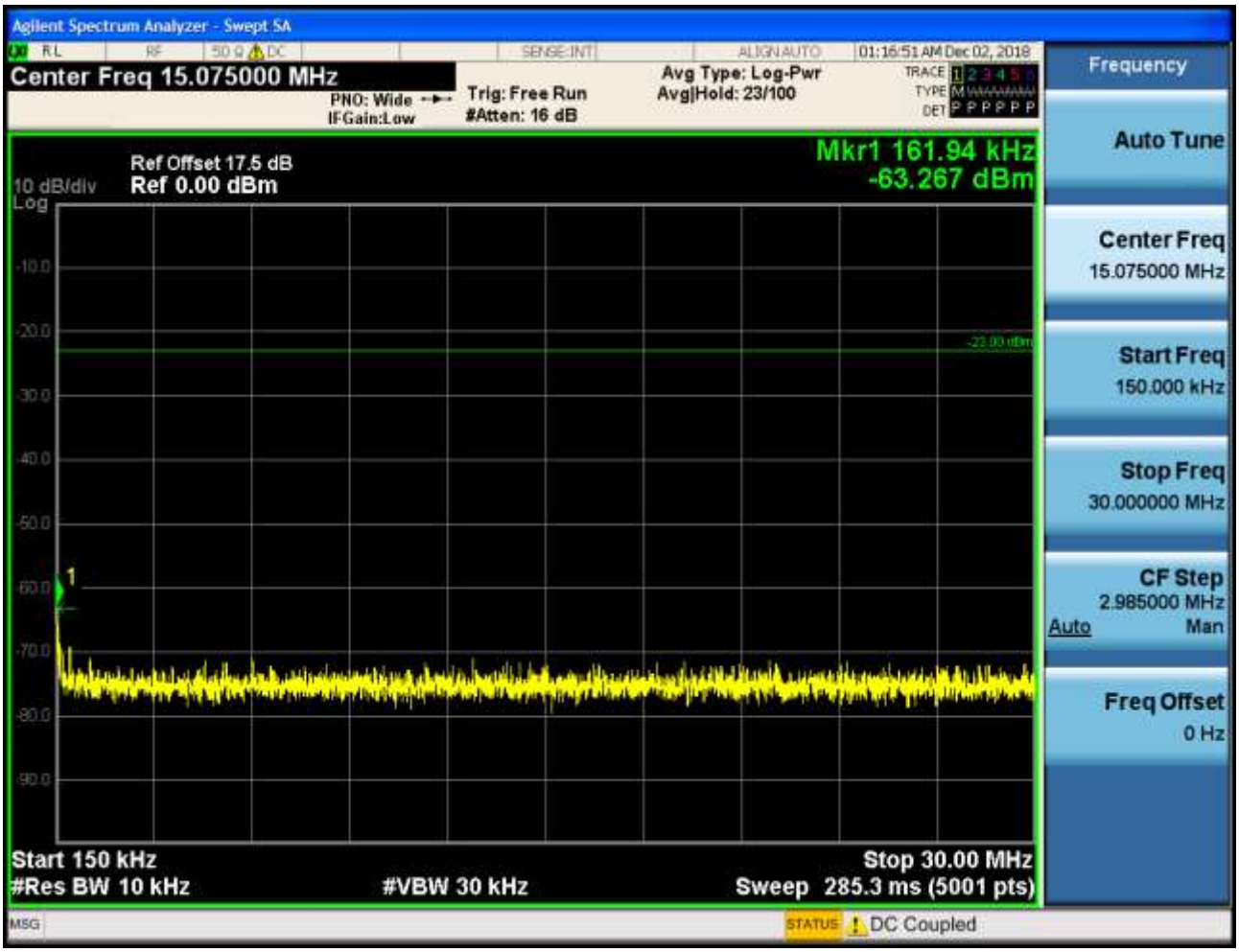
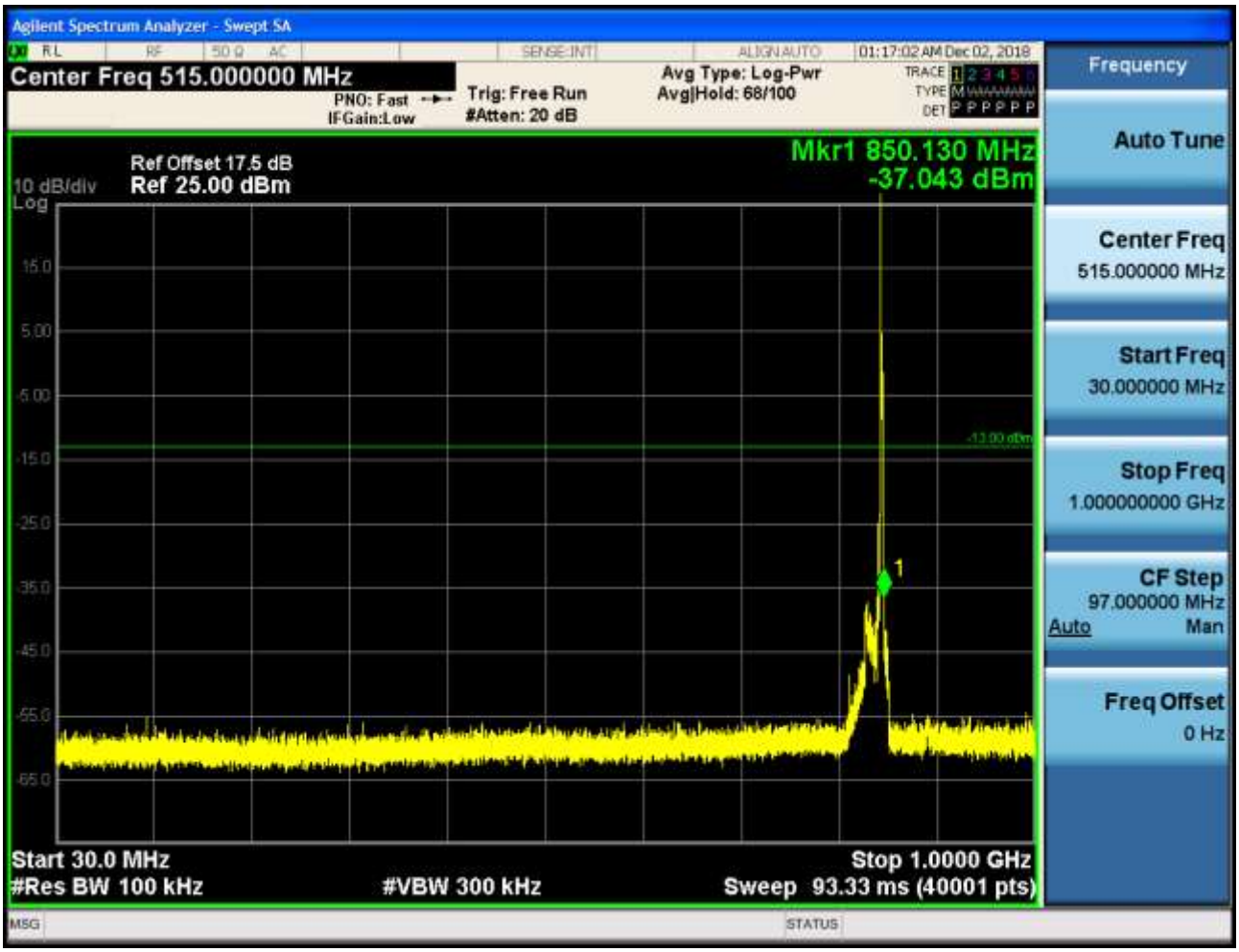

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:16:51 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-63.267 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 68/100
01:17:02 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 850.130 MHz
-37.043 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 53/100
01:17:12 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.693 25 GHz
-34.898 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

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

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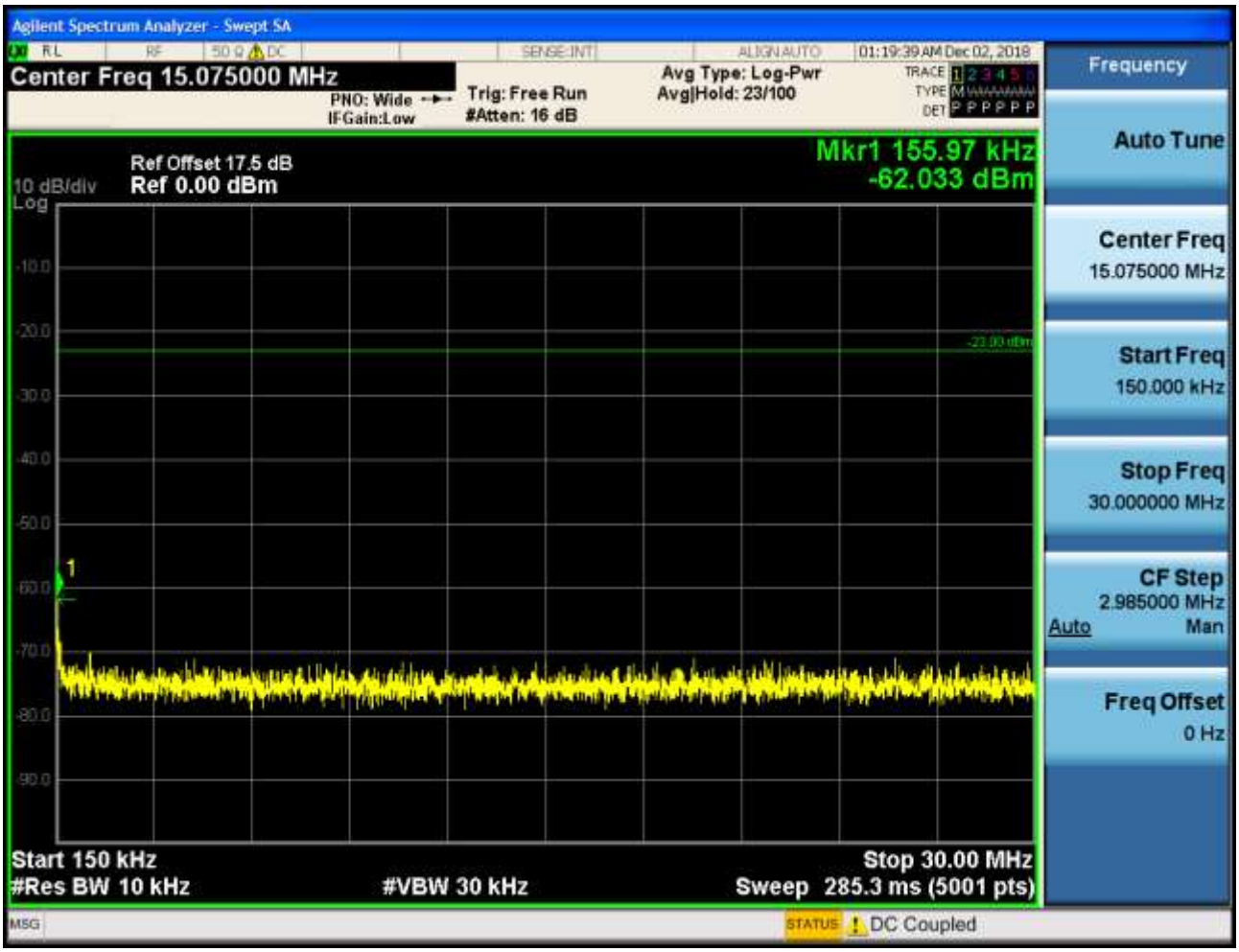
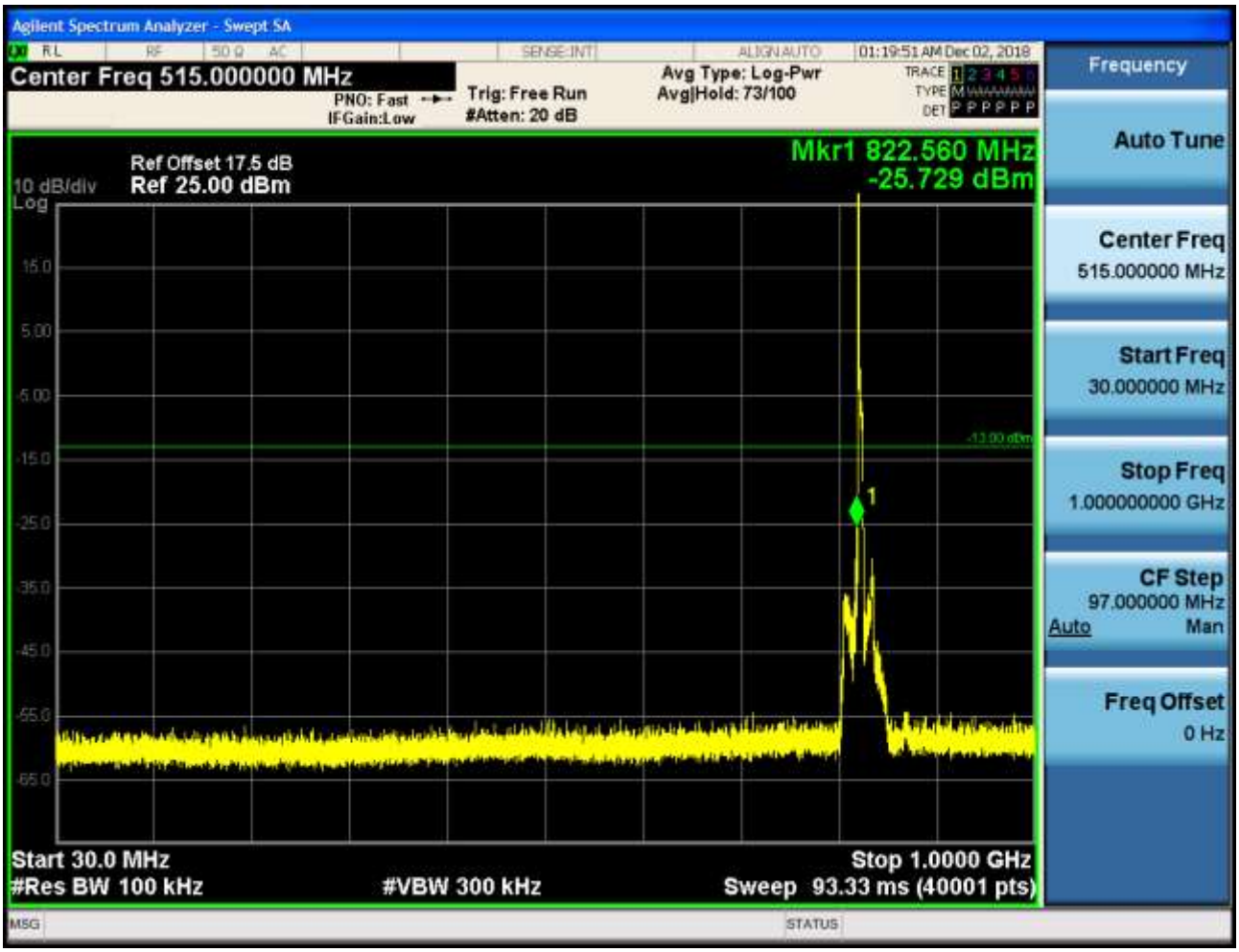
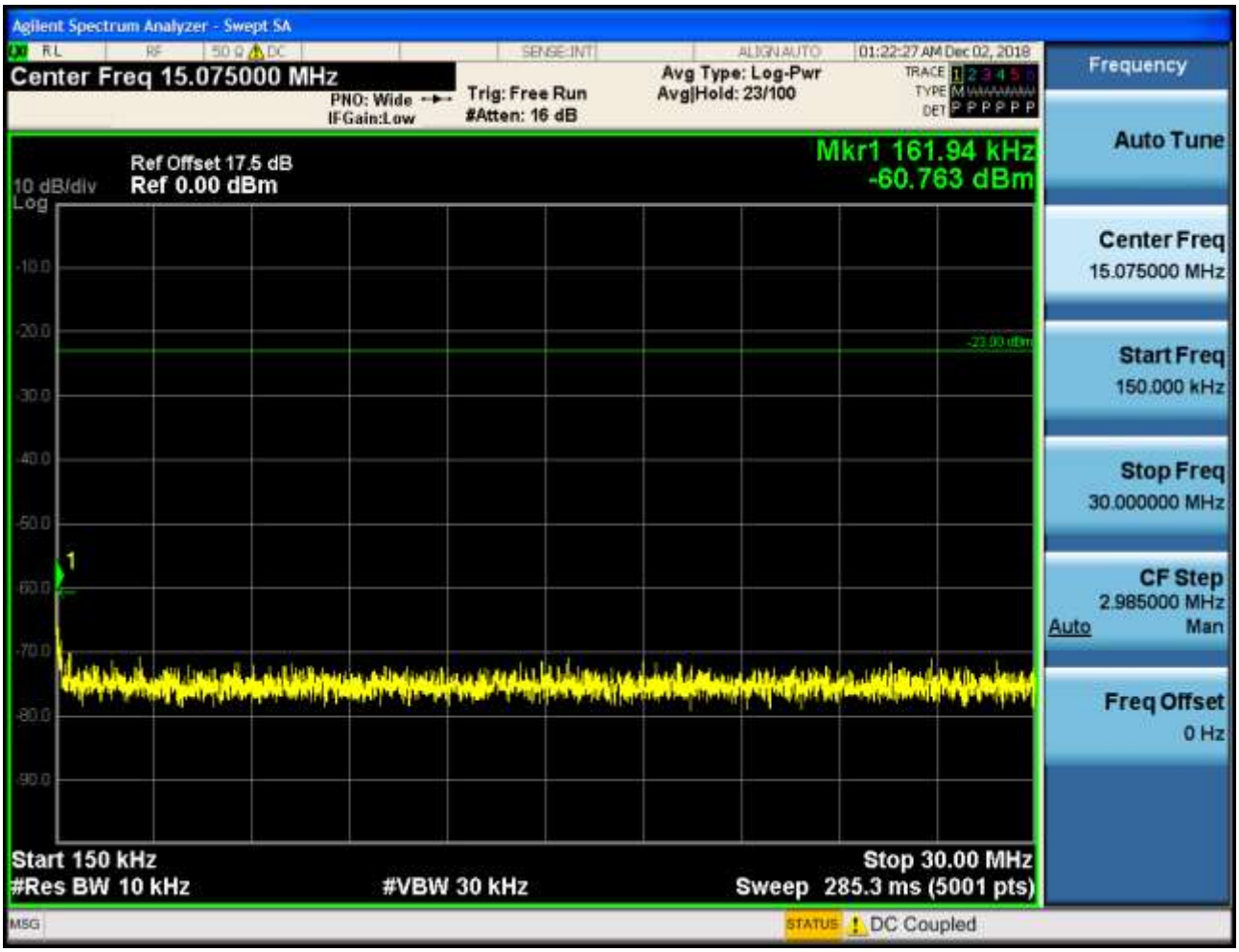

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:19:39 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-62.033 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

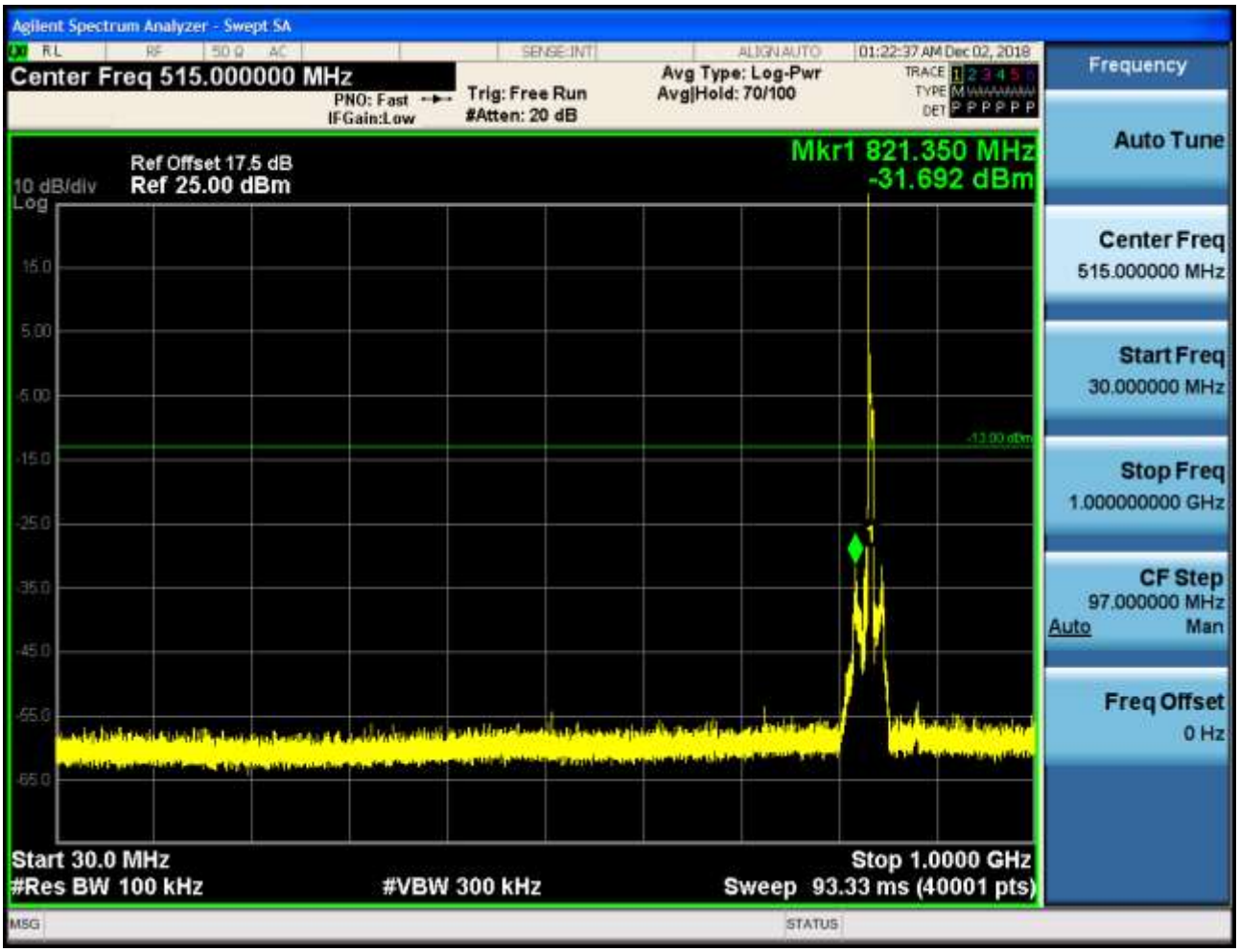

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 73/100
01:19:51 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 822.560 MHz
-25.729 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 63/100
01:20:00 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.649 48 GHz
-33.818 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:22:27 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-60.763 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 70/100
01:22:37 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 821.350 MHz
-31.692 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 63/100
01:22:47 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.669 46 GHz
-35.482 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0

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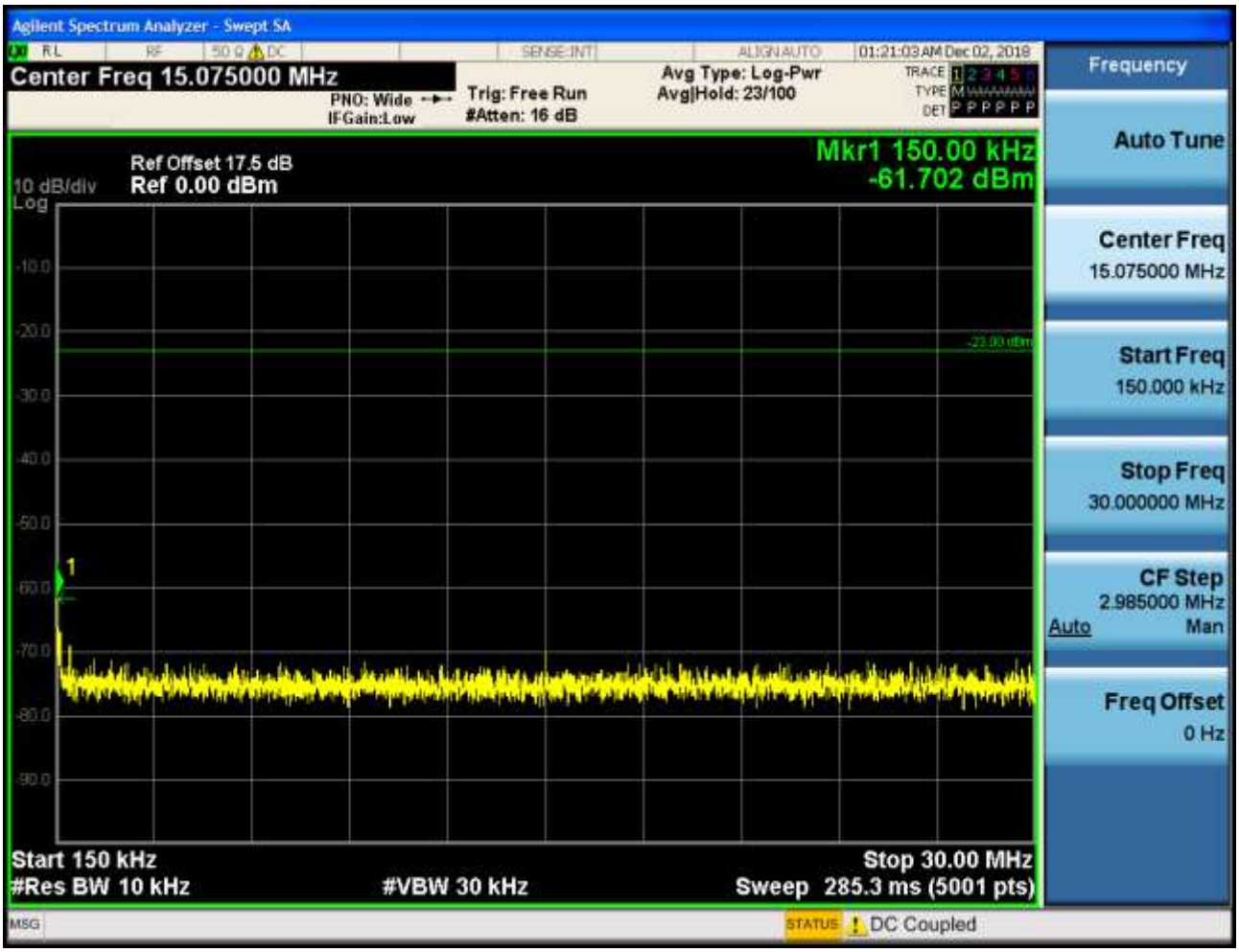
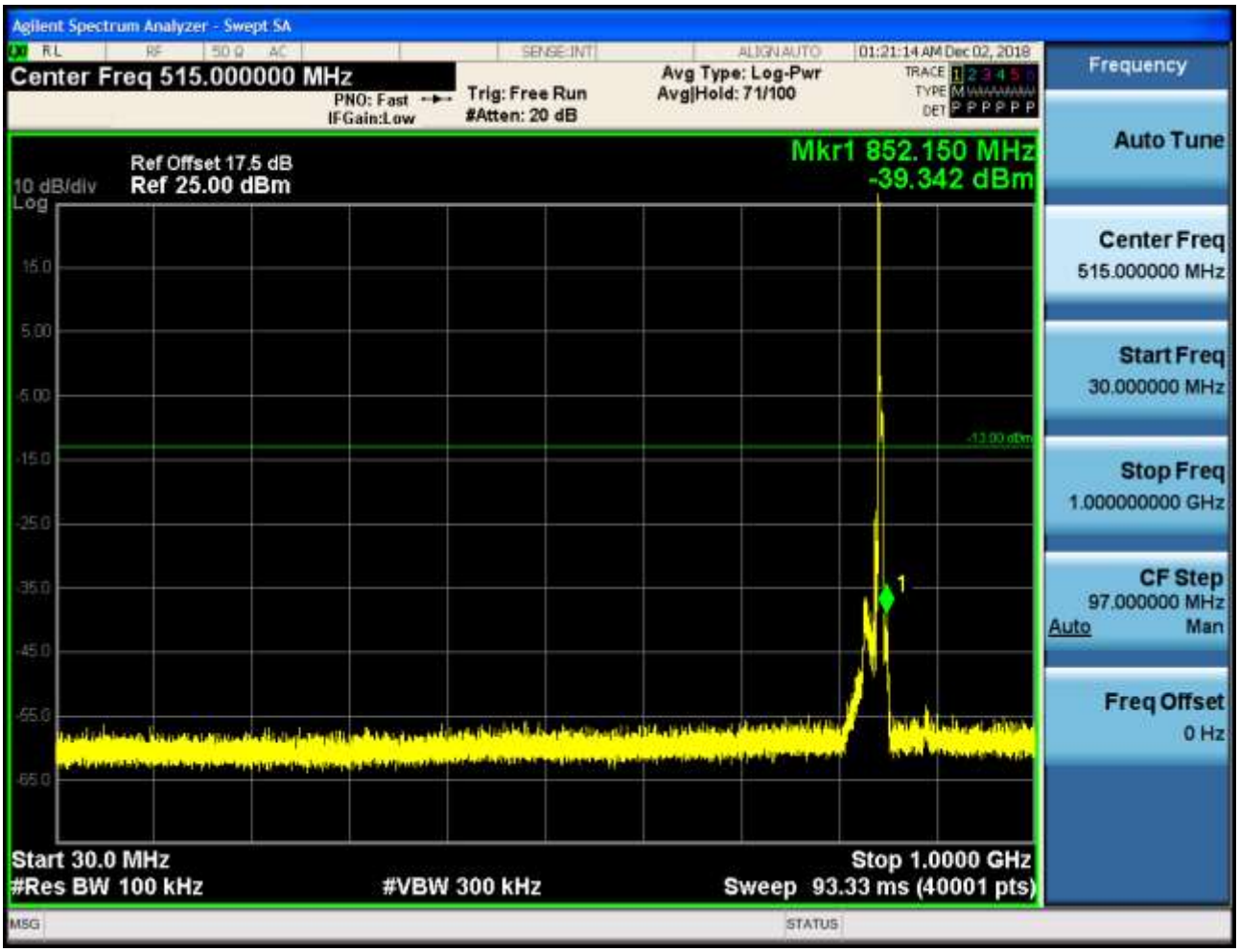

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:21:03 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-61.702 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

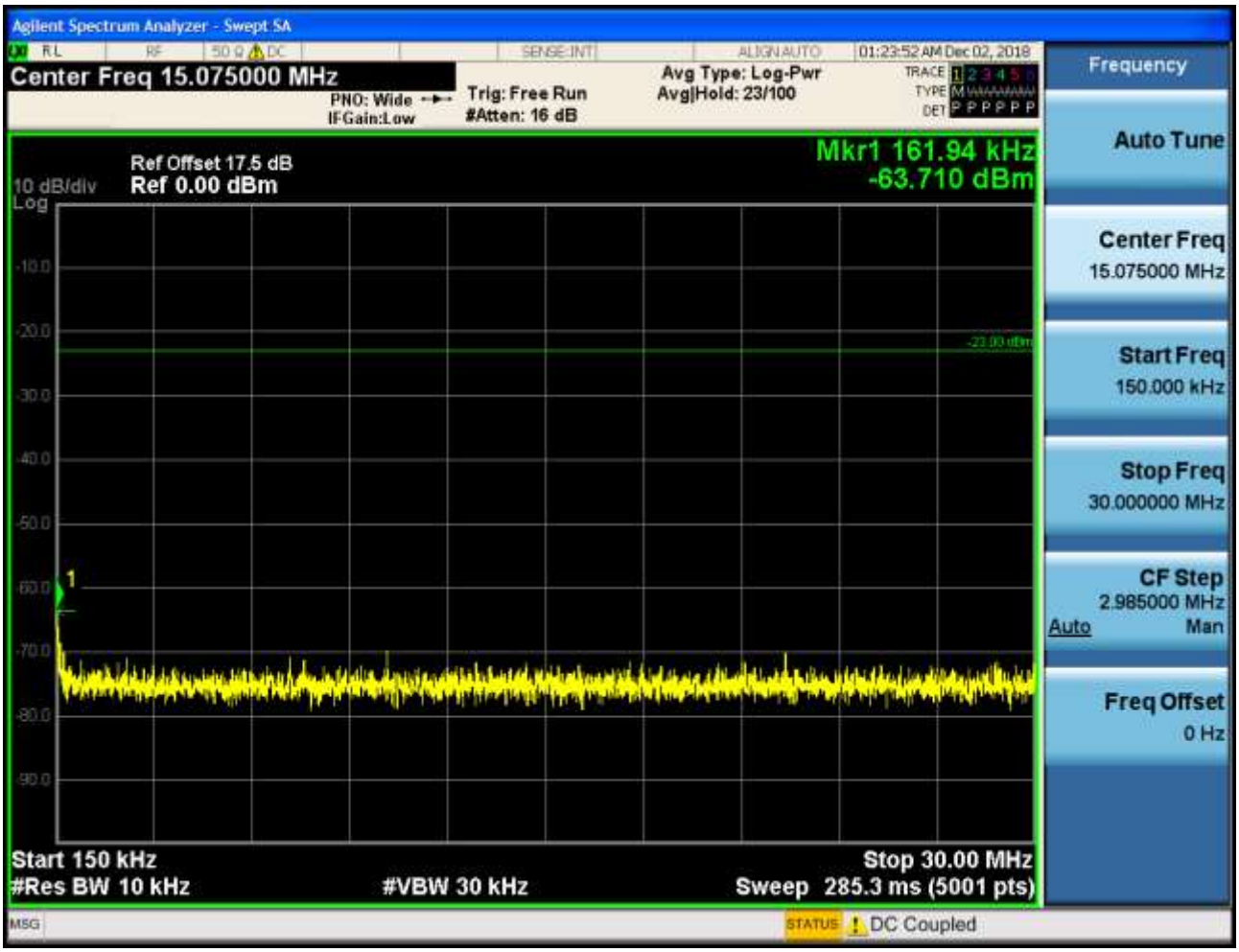

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 71/100
01:21:14 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 852.150 MHz
-39.342 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

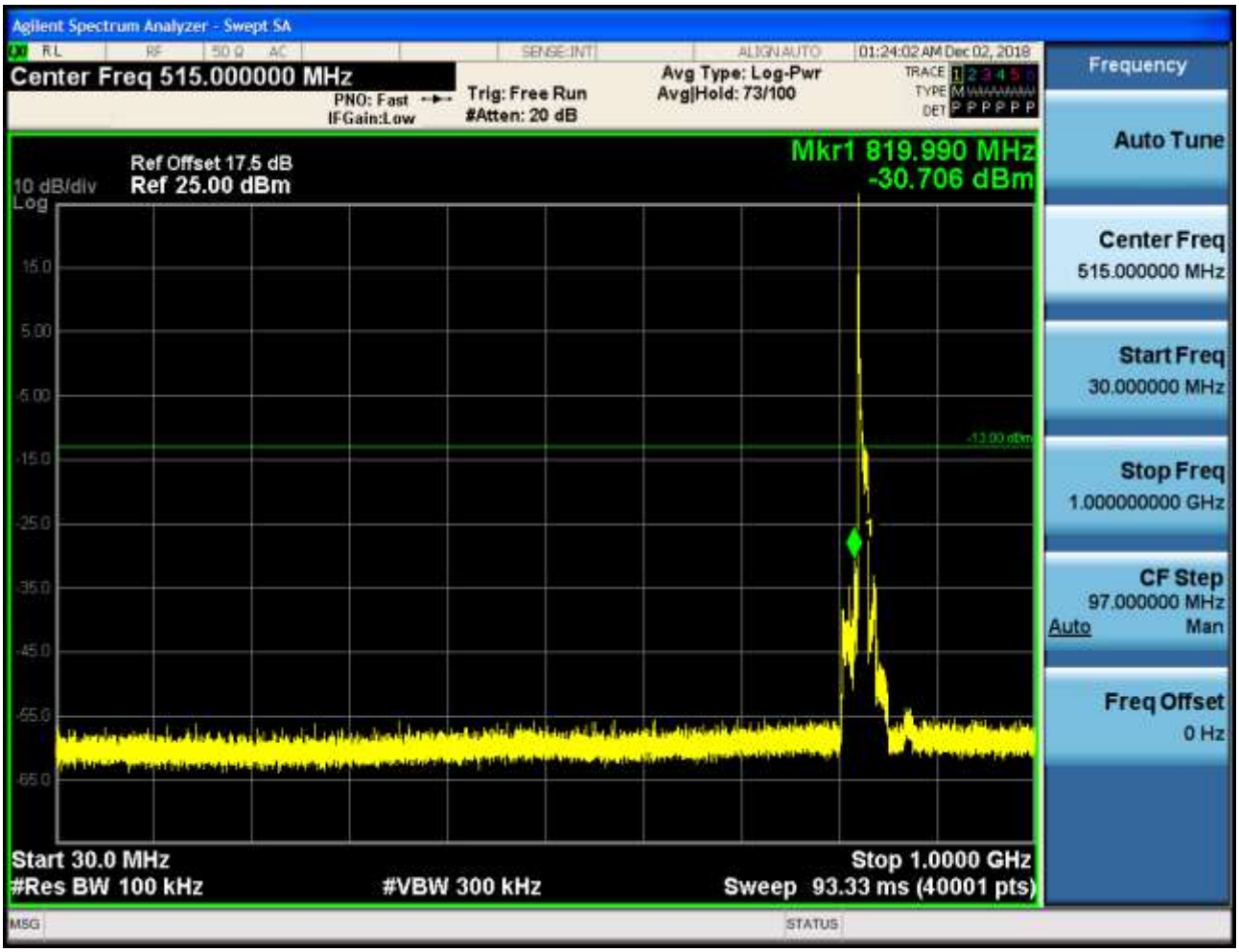
Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:21:24 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.689 14 GHz
-35.015 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

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

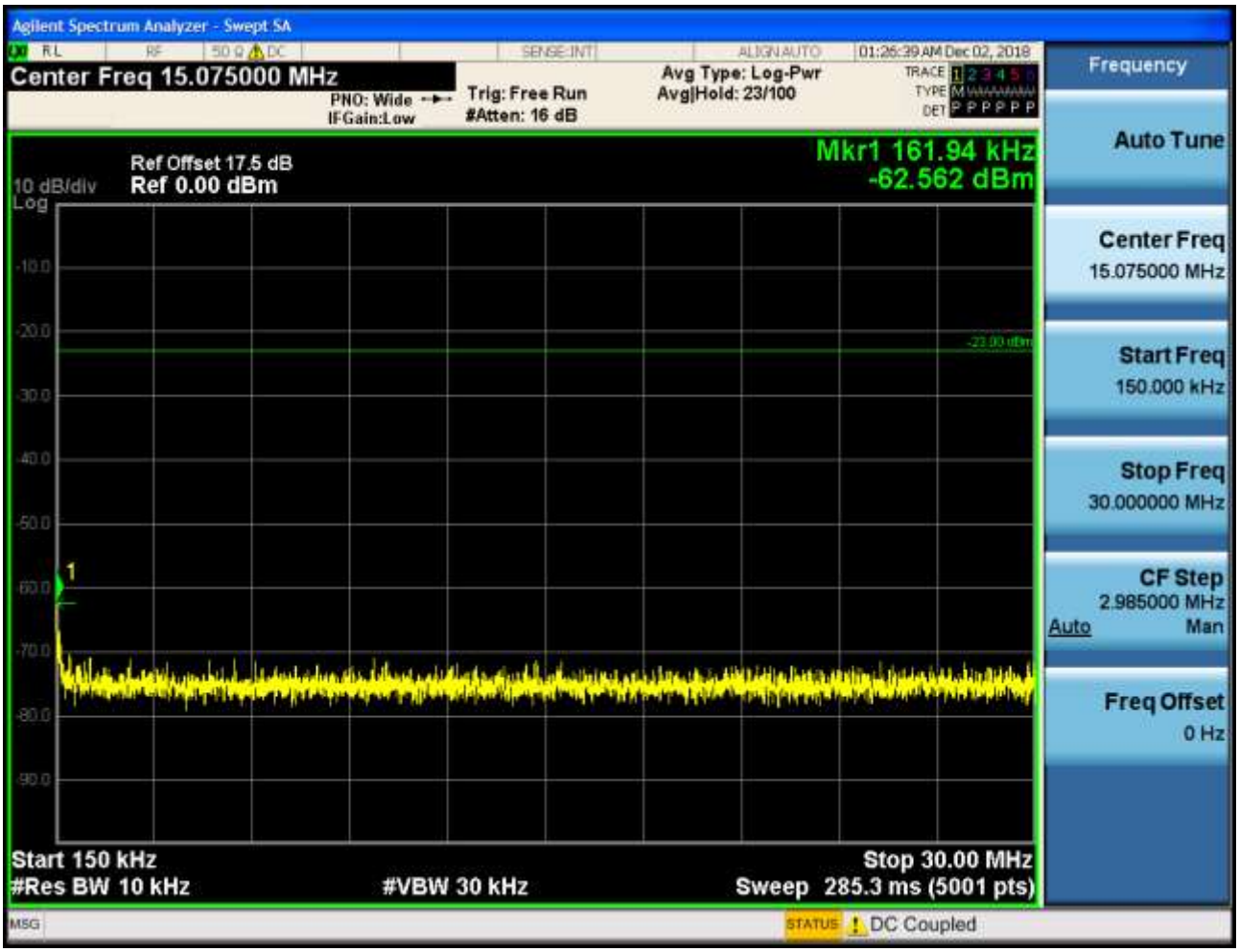

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:23:52 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-63.710 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

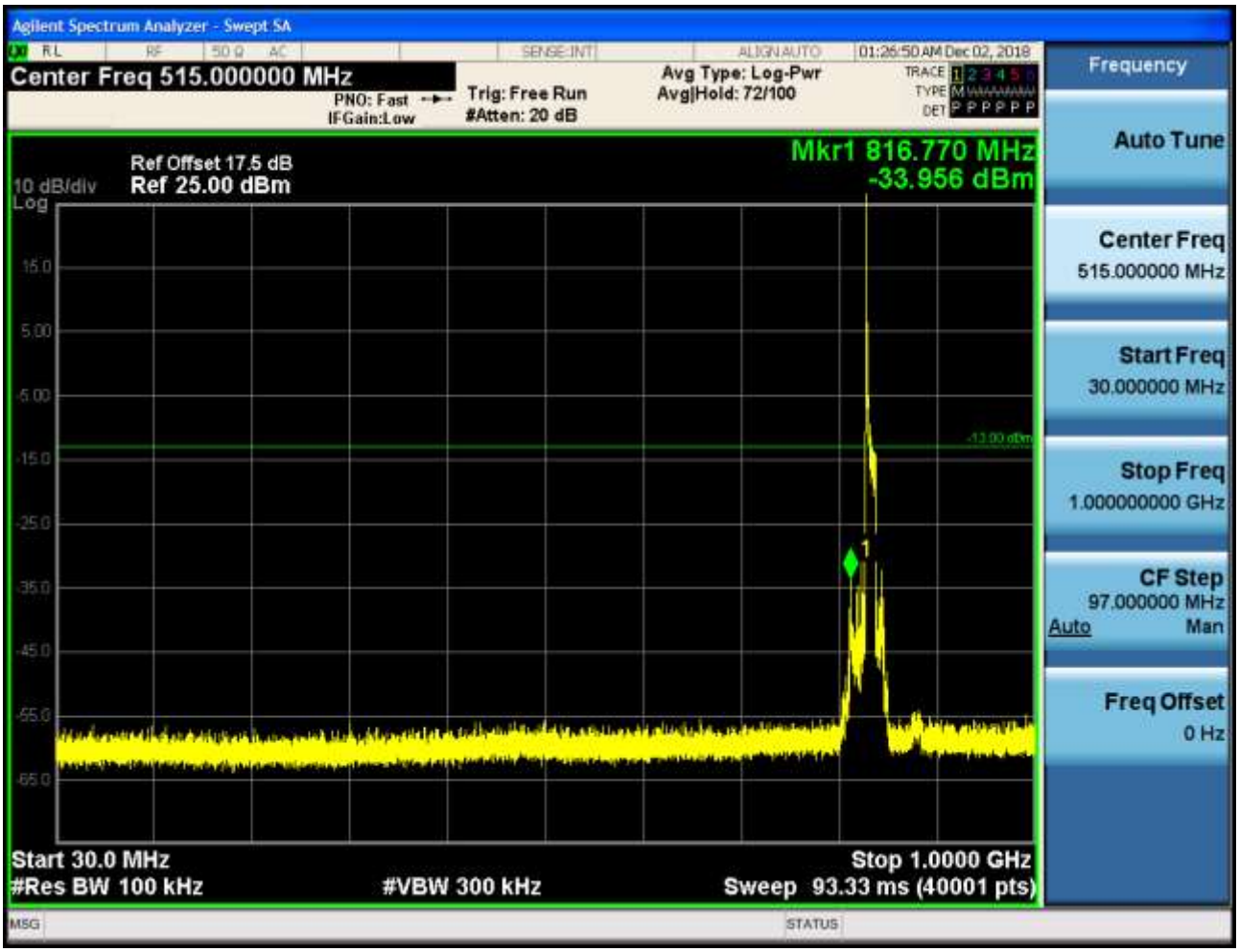

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 73/100
01:24:02 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 819.990 MHz
-30.706 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:24:12 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.650 07 GHz
-35.660 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0

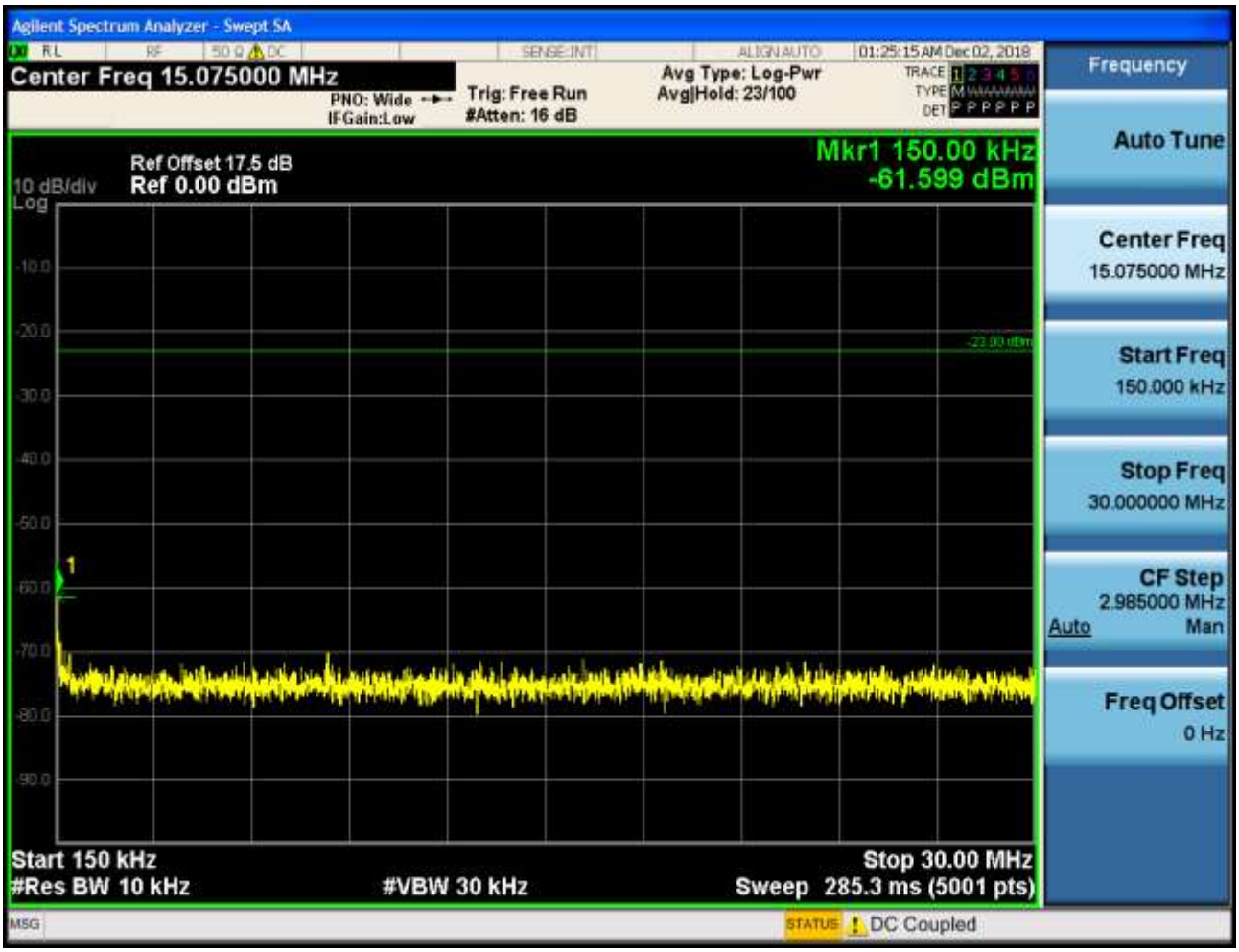

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:26:39 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-62.562 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

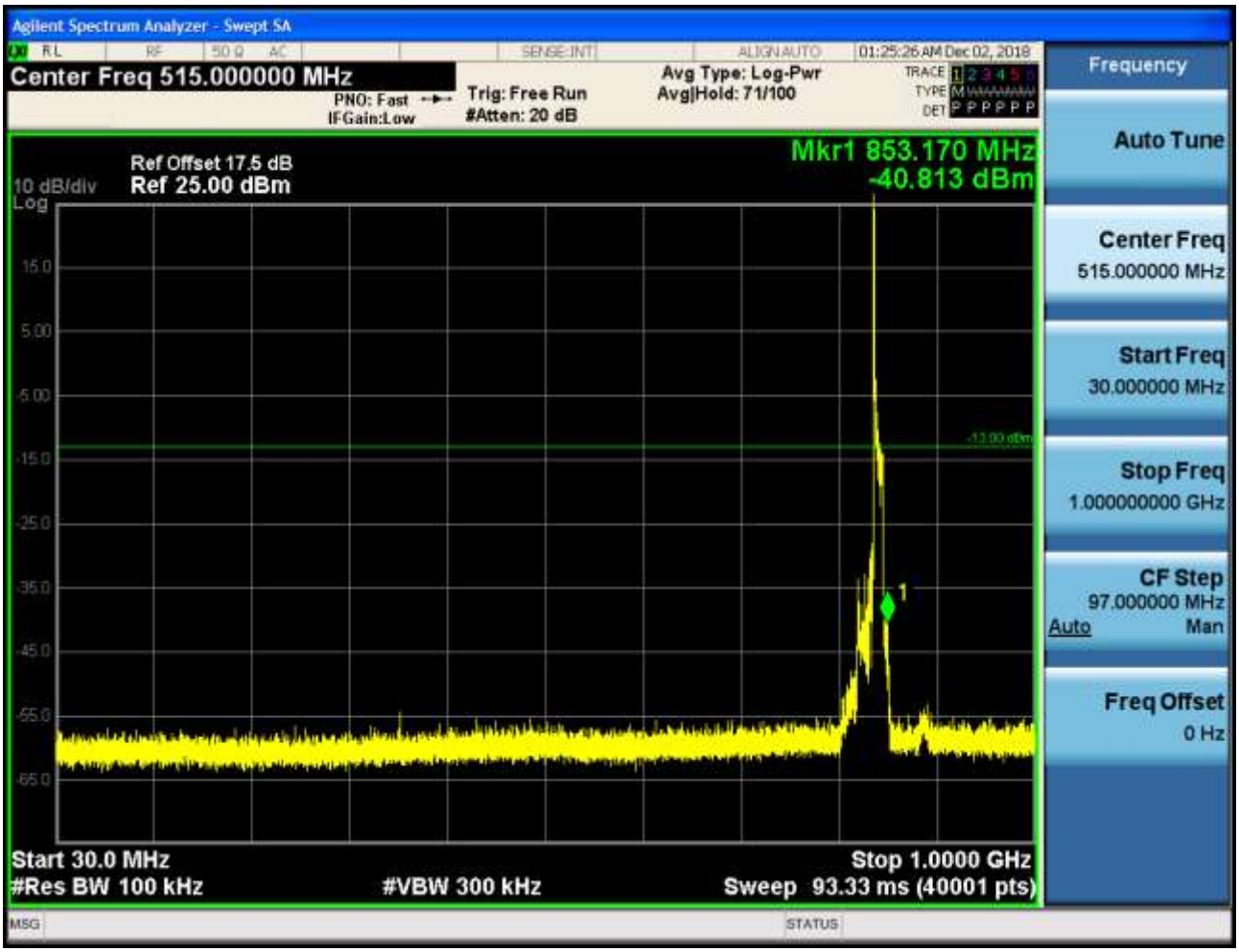

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 72/100
01:26:50 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 816.770 MHz
-33.956 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:26:59 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.664 76 GHz
-35.016 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:25:15 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-61.599 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 71/100
01:25:26 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 853.170 MHz
-40.813 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:25:36 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.680 03 GHz
-35.878 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

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

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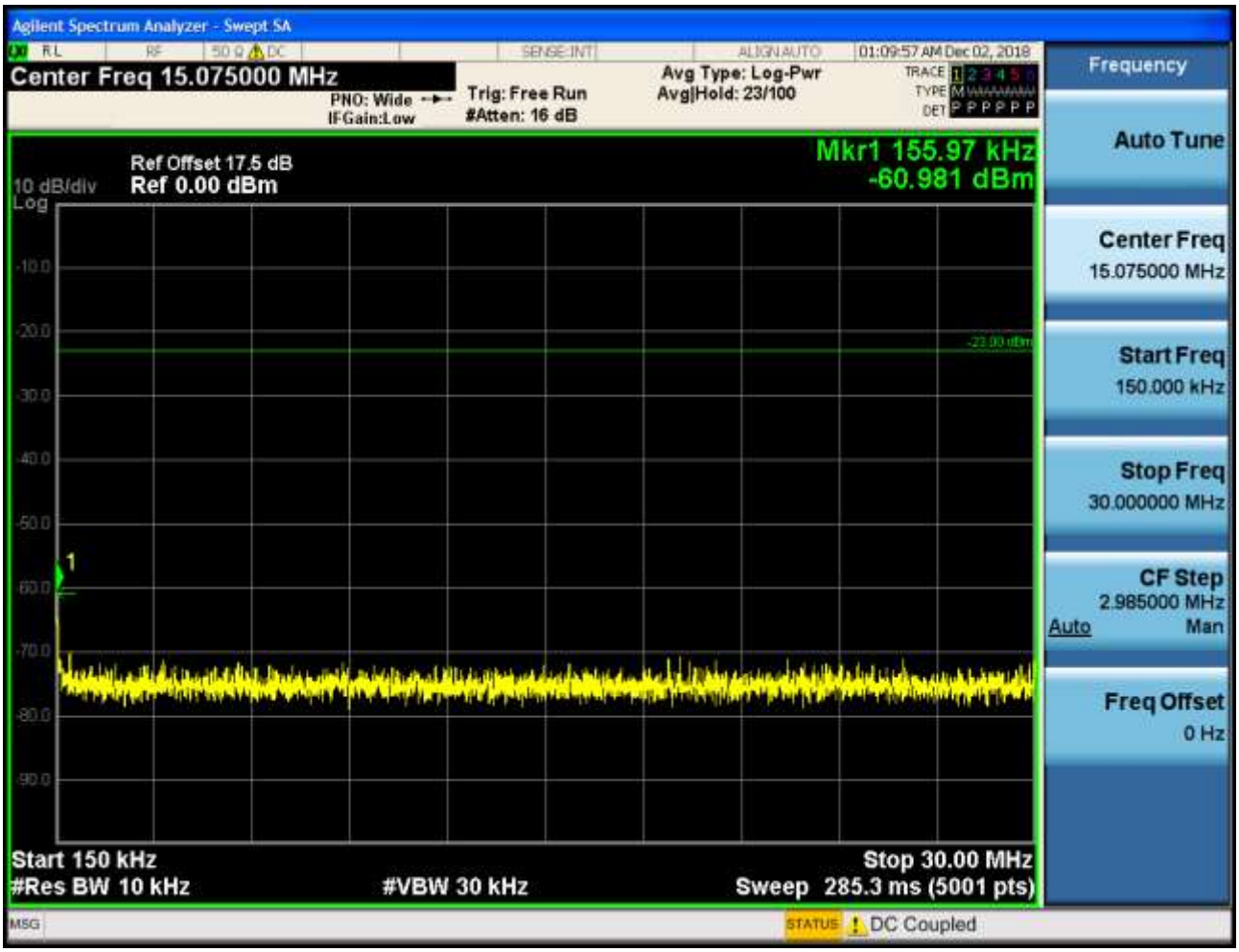
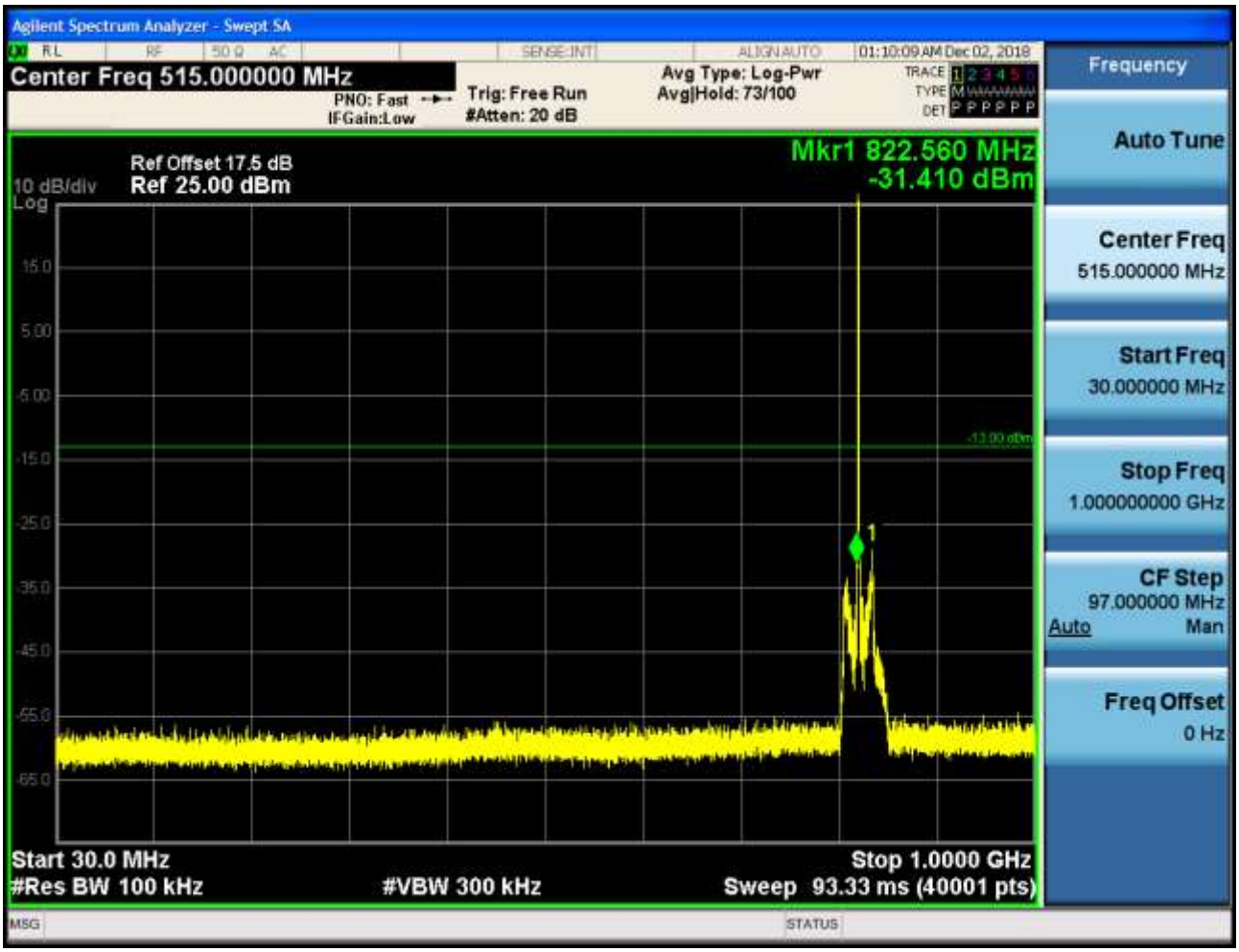

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:09:57 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-60.981 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 73/100
01:10:09 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 822.560 MHz
-31.410 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:10:18 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.649 19 GHz
-33.582 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

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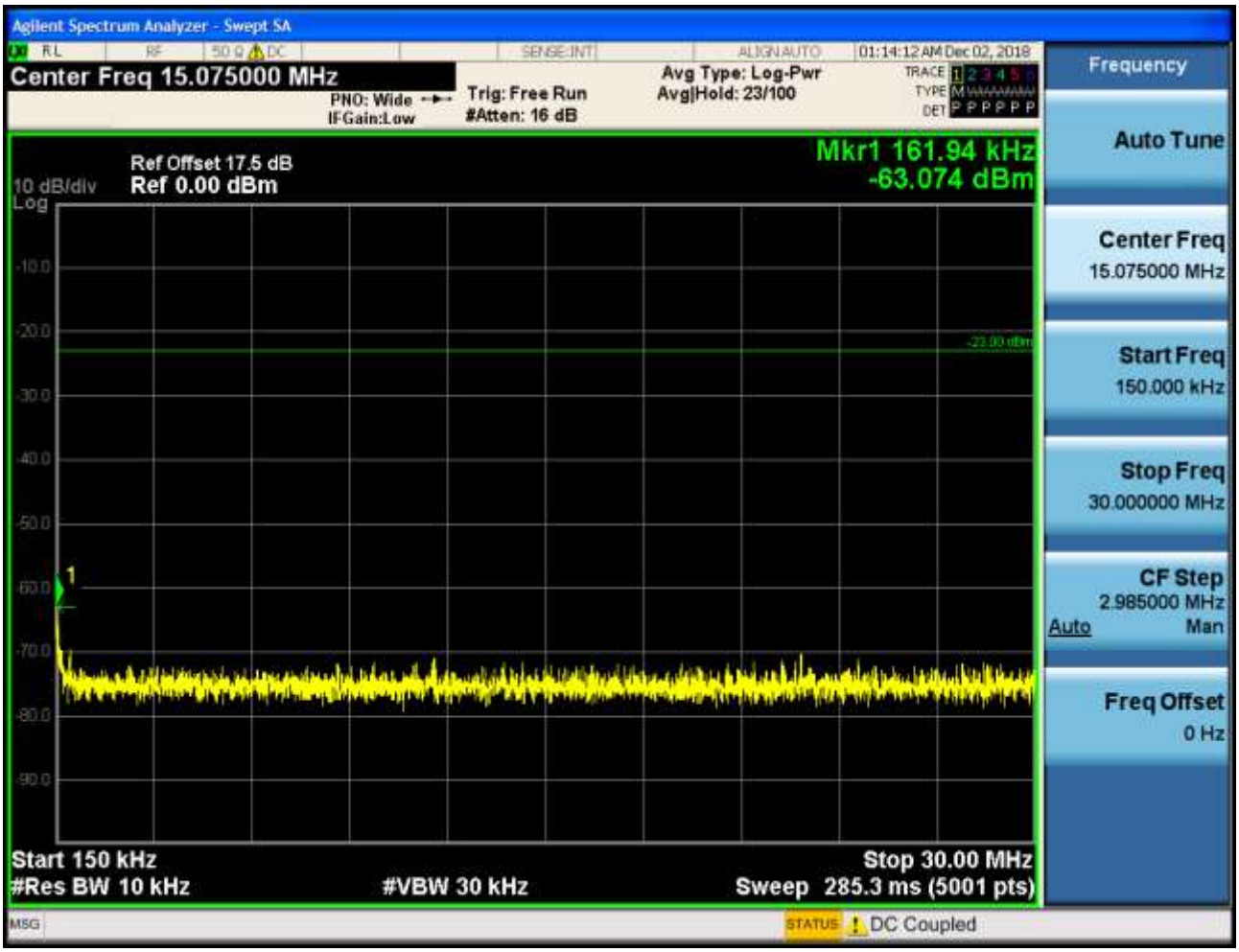
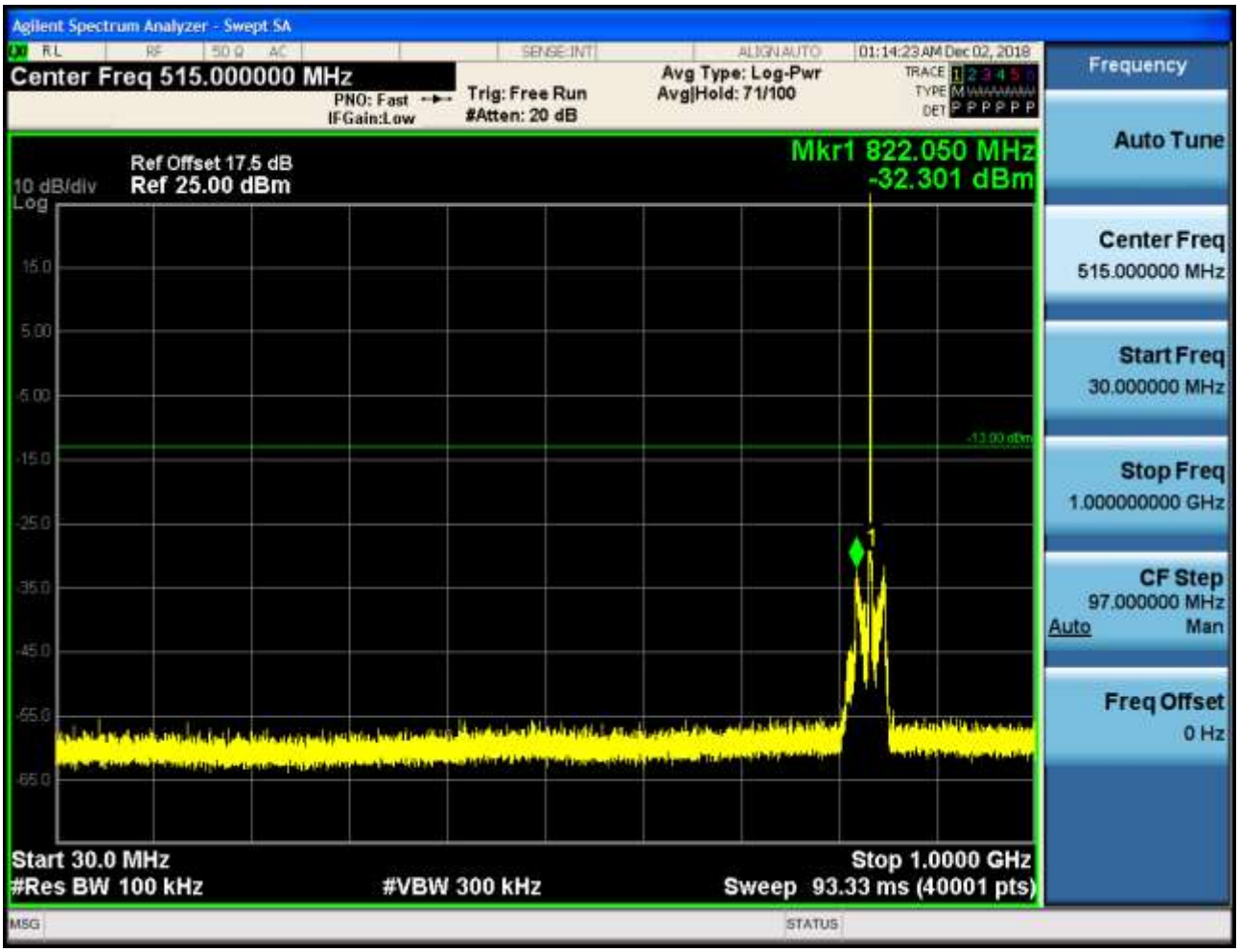

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:14:12 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-63.074 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 71/100
01:14:23 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 822.050 MHz
-32.301 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:14:32 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.672 69 GHz
-34.846 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0

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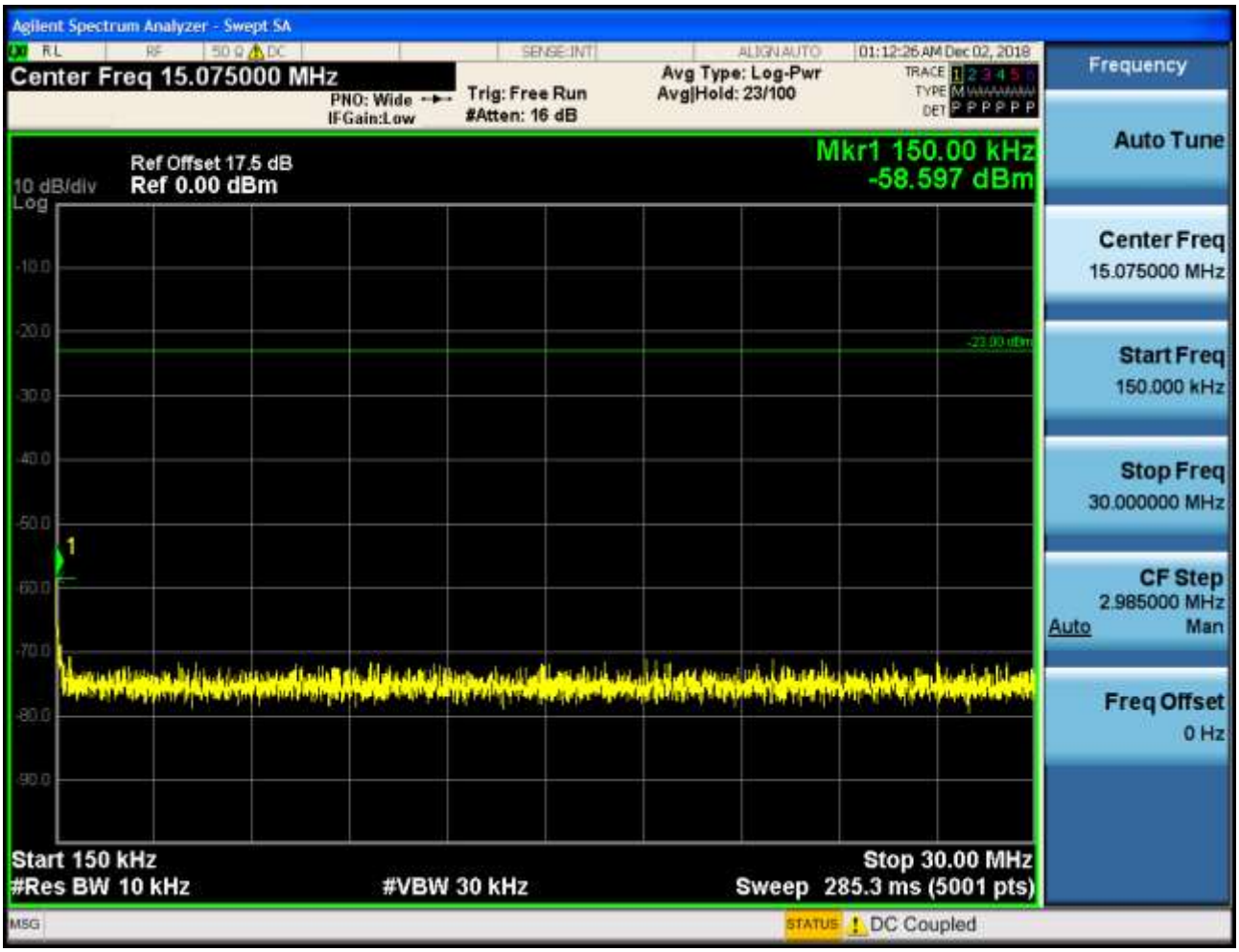
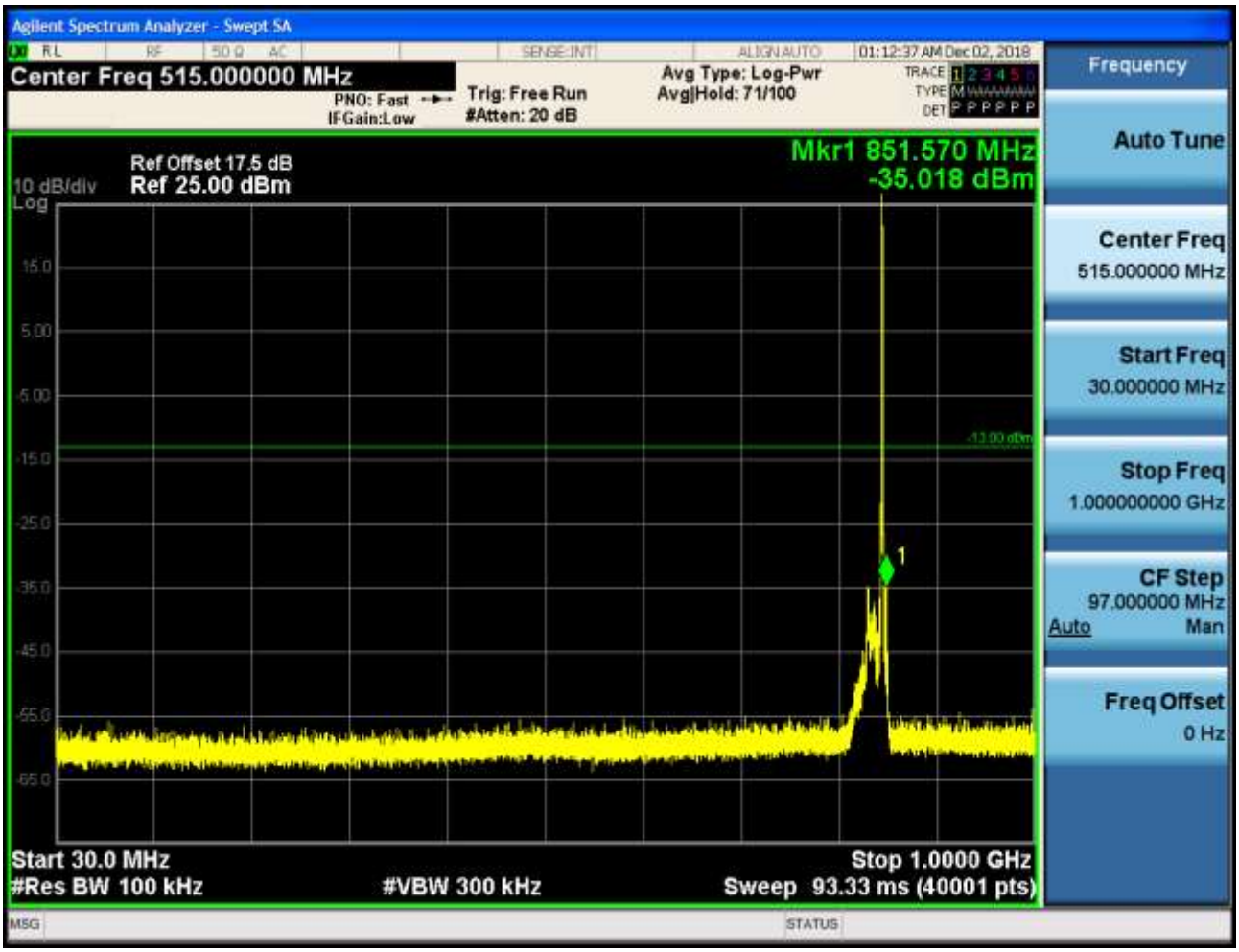

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:12:26 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-58.597 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 71/100
01:12:37 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 851.570 MHz
-35.018 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:12:46 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.696 19 GHz
-35.791 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

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

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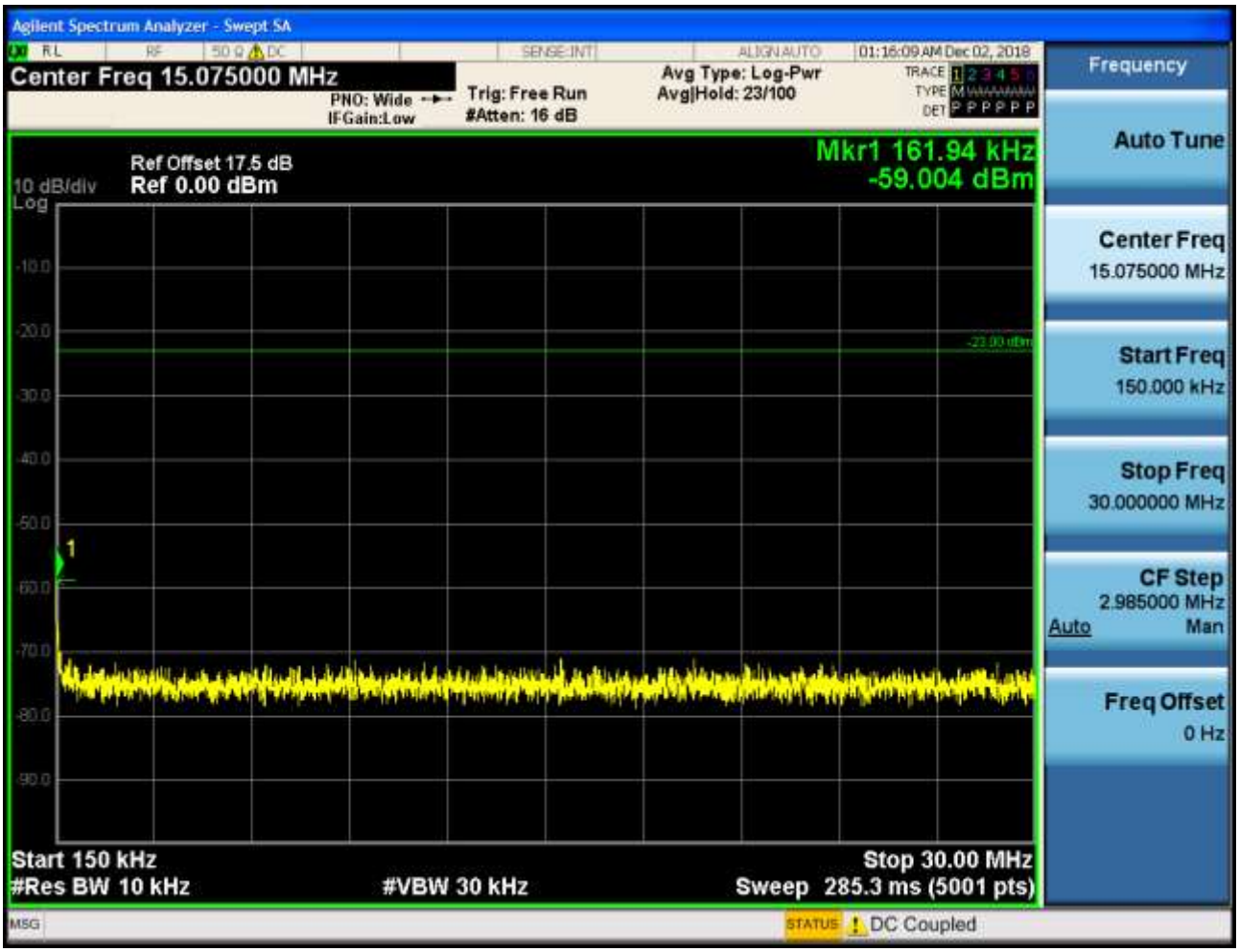
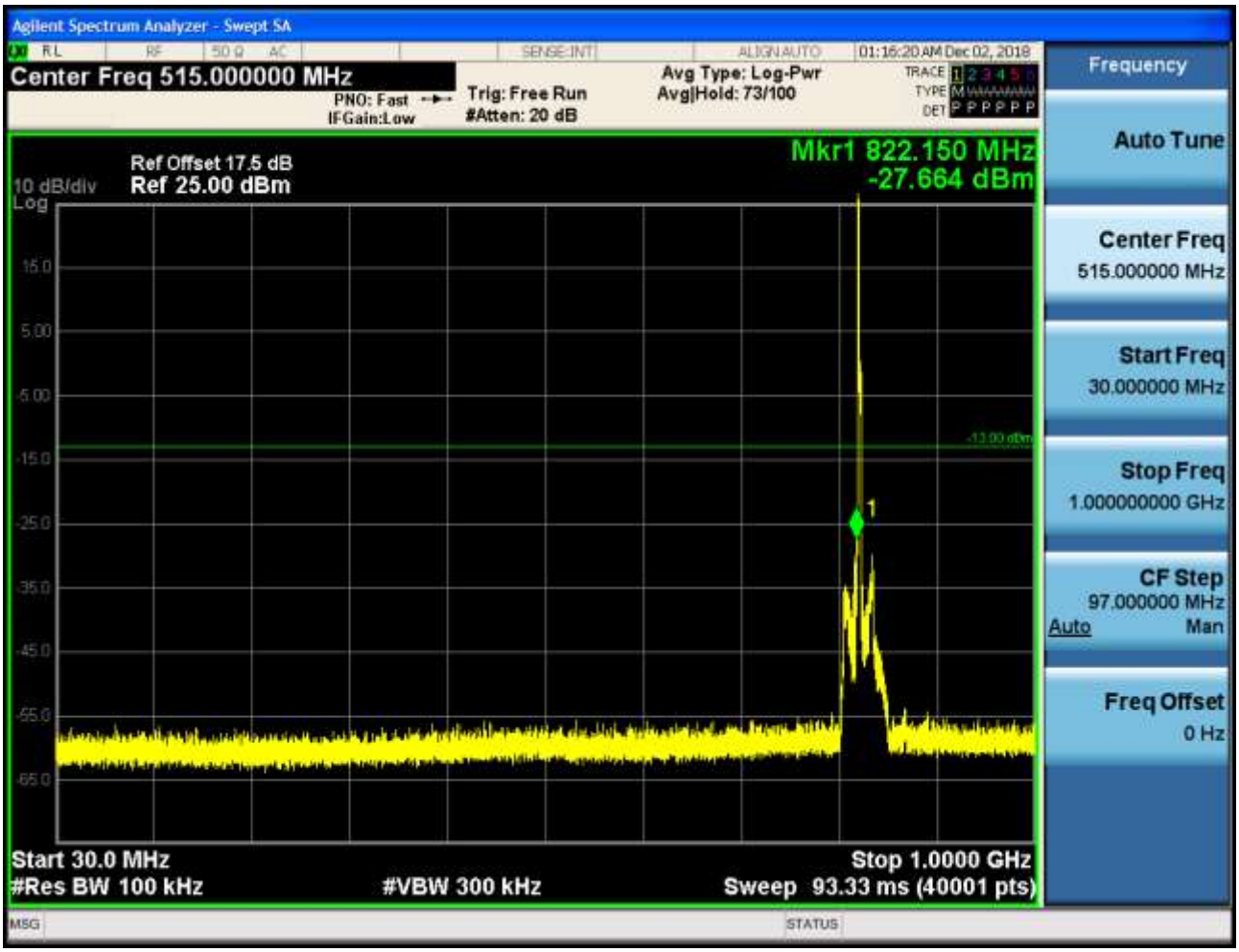
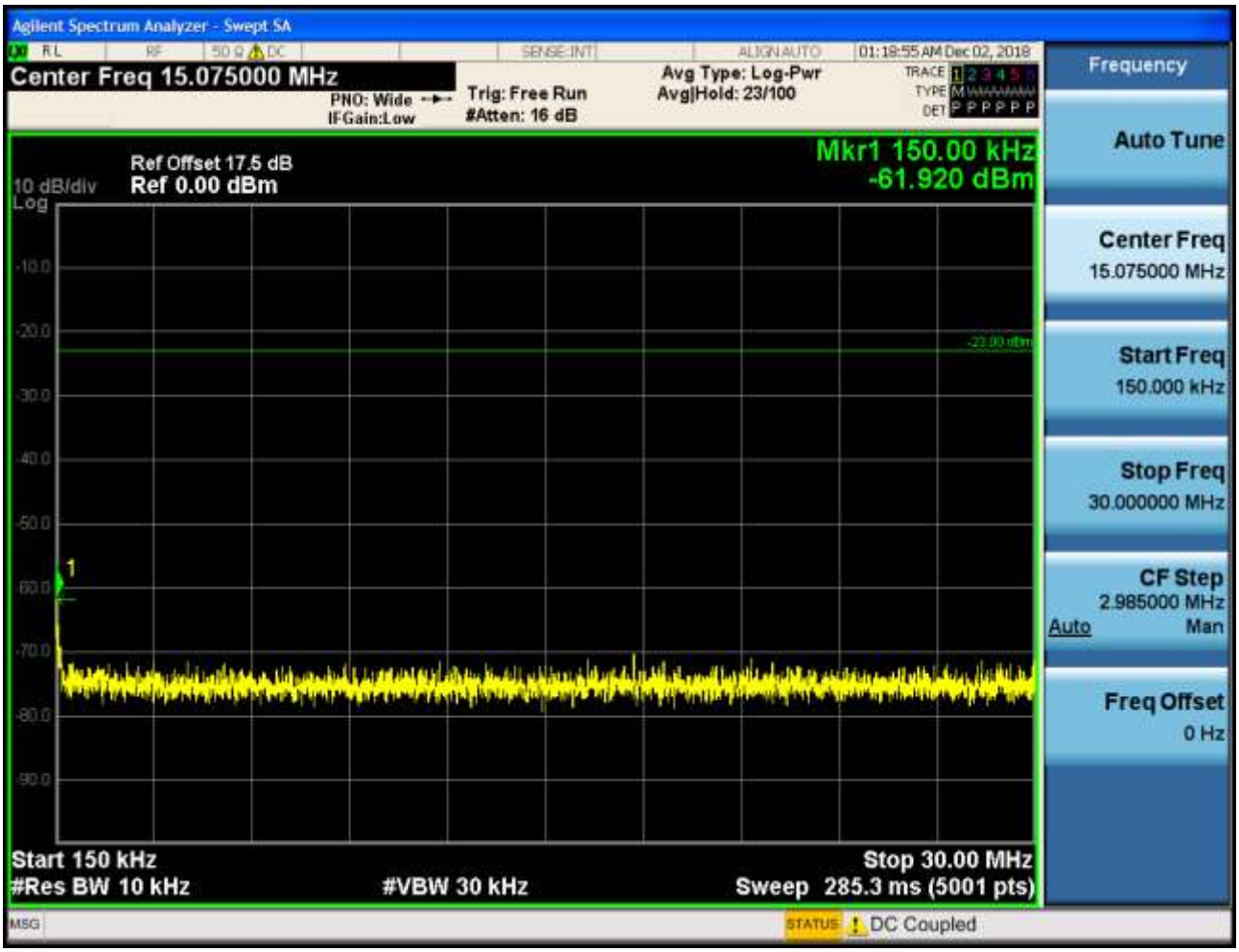

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:16:09 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-59.004 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

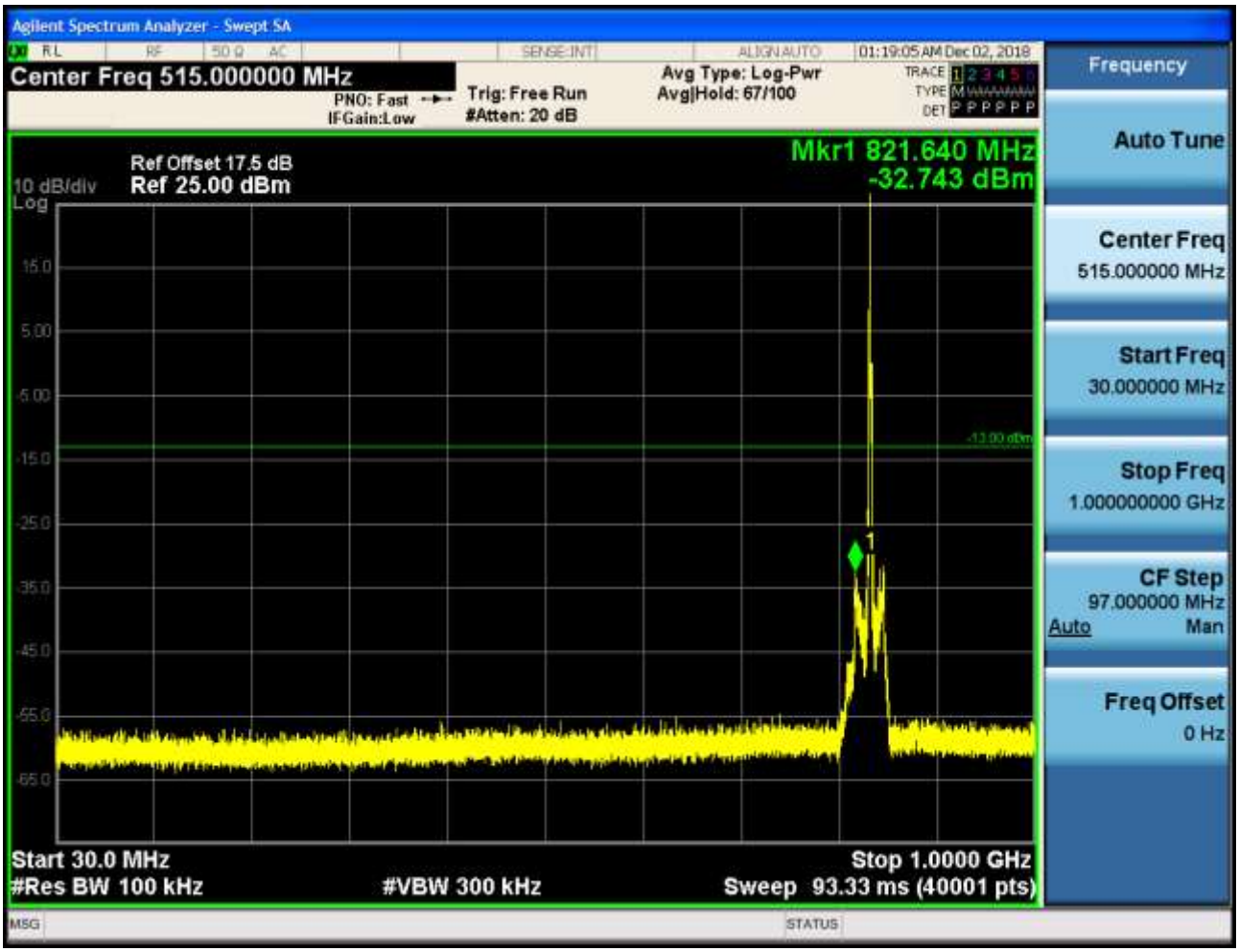

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 73/100
01:16:20 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 822.150 MHz
-27.664 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:16:30 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.648 89 GHz
-36.540 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0

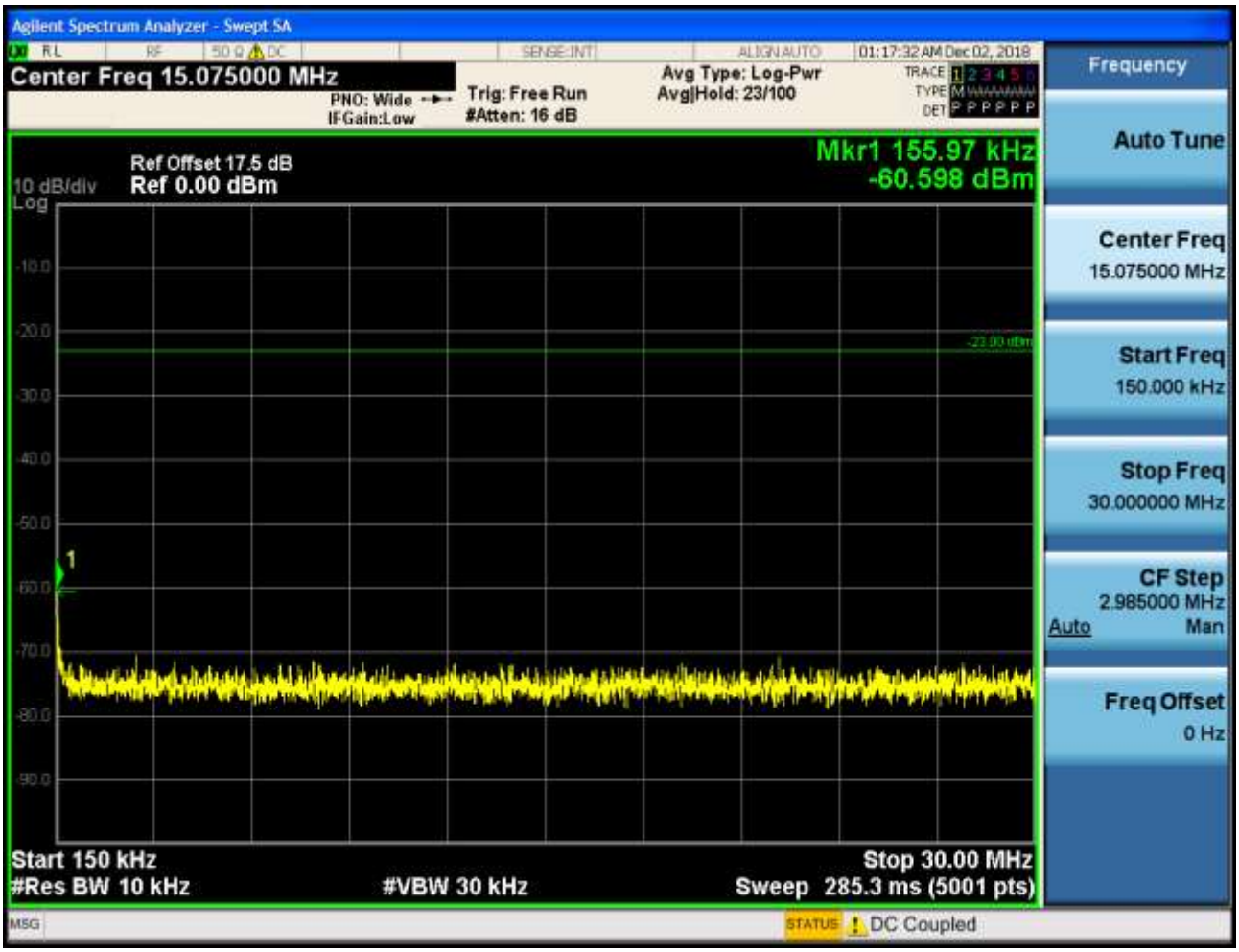

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:18:55 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-61.920 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

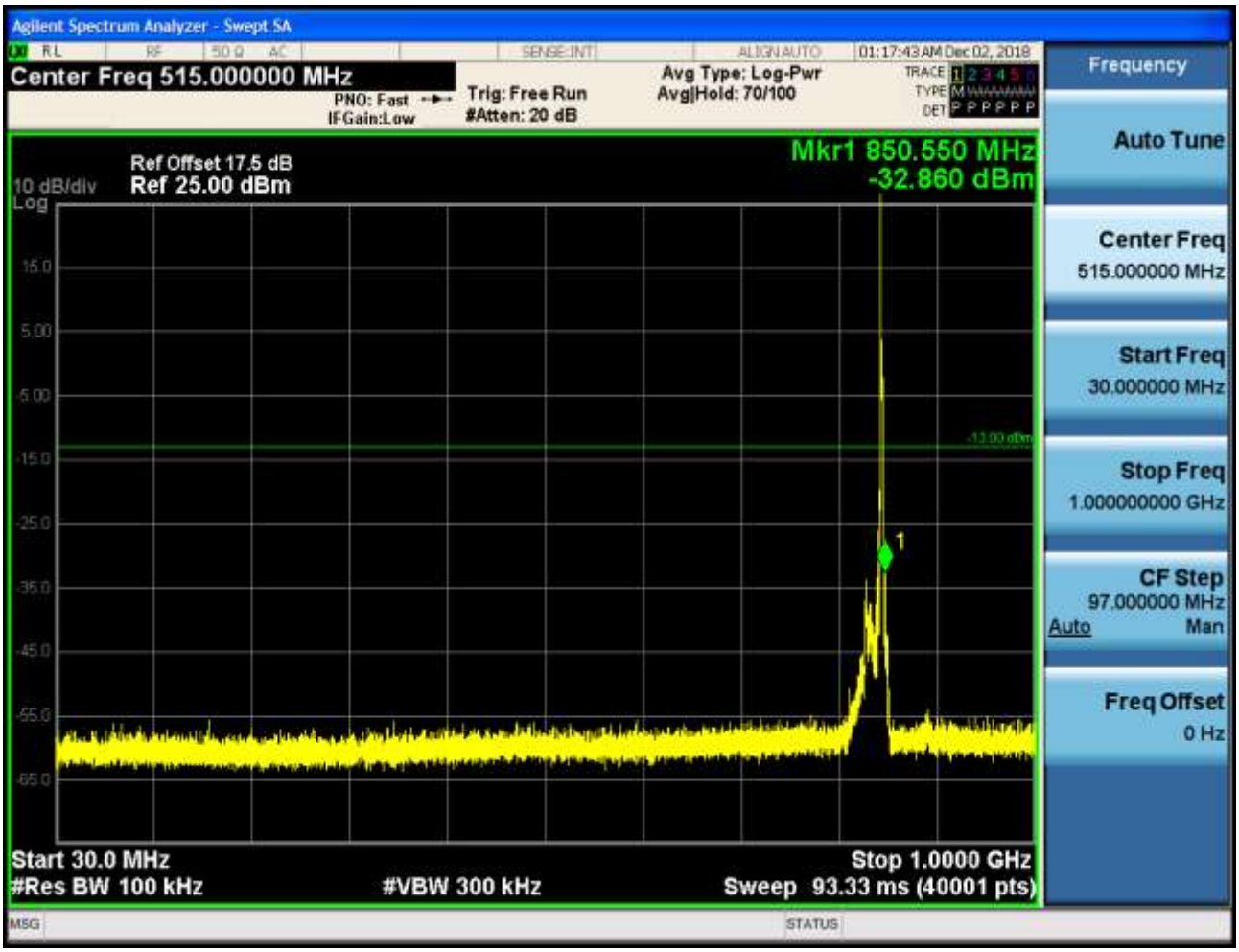

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 67/100
01:19:05 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 821.640 MHz
-32.743 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:19:15 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.670 93 GHz
-34.130 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:17:32 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-60.598 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

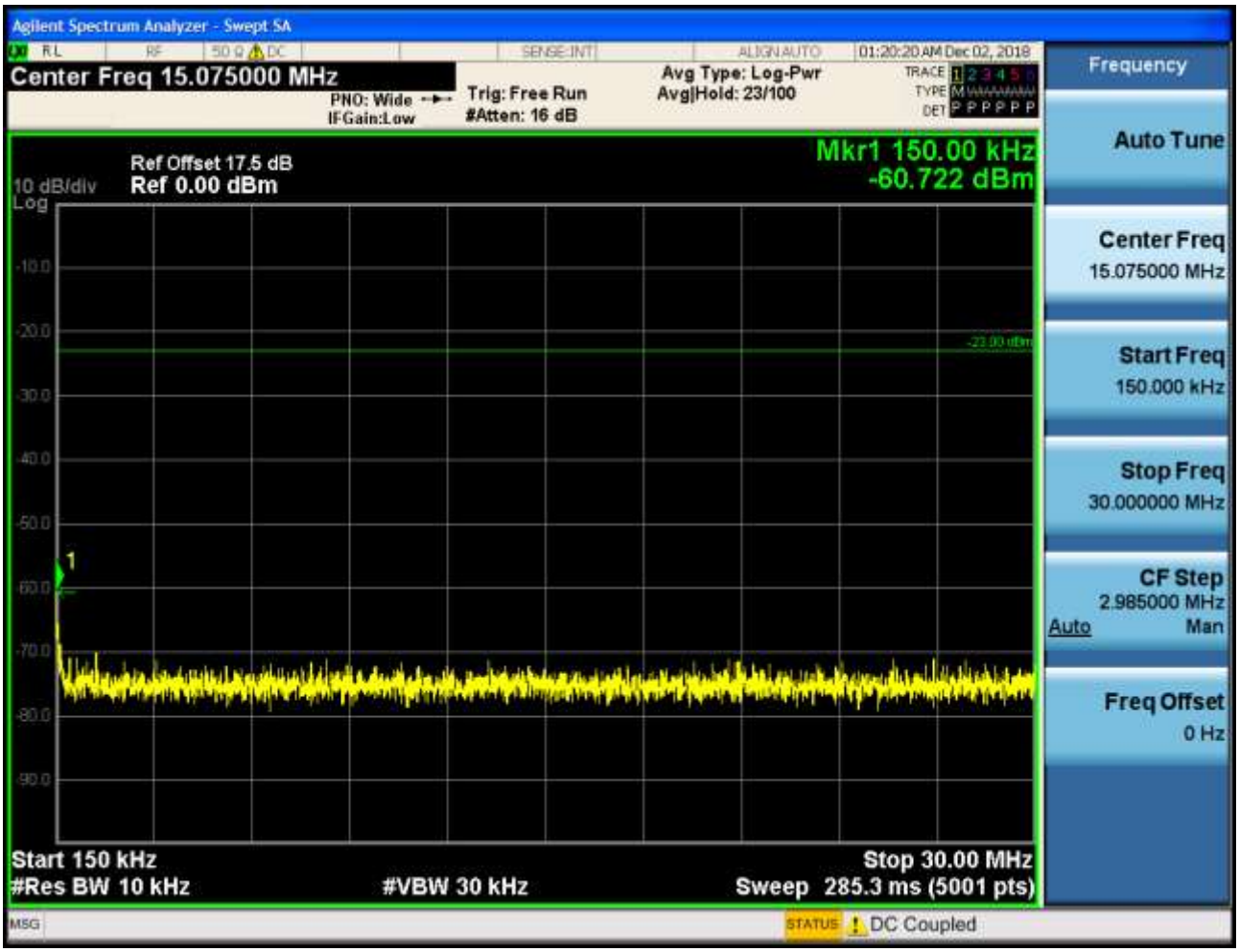

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 70/100
01:17:43 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 850.550 MHz
-32.860 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

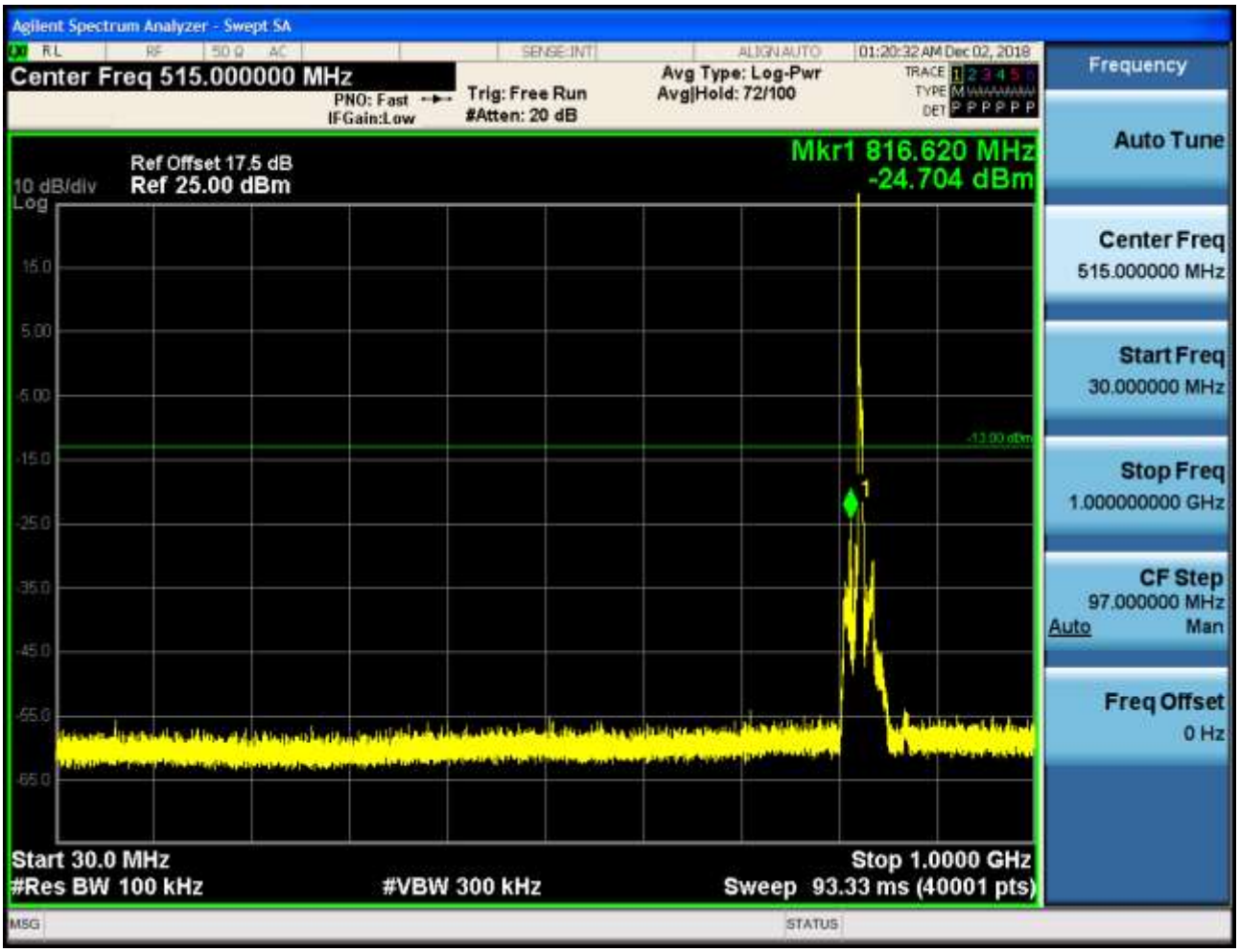
Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:17:52 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.692 96 GHz
-33.999 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

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

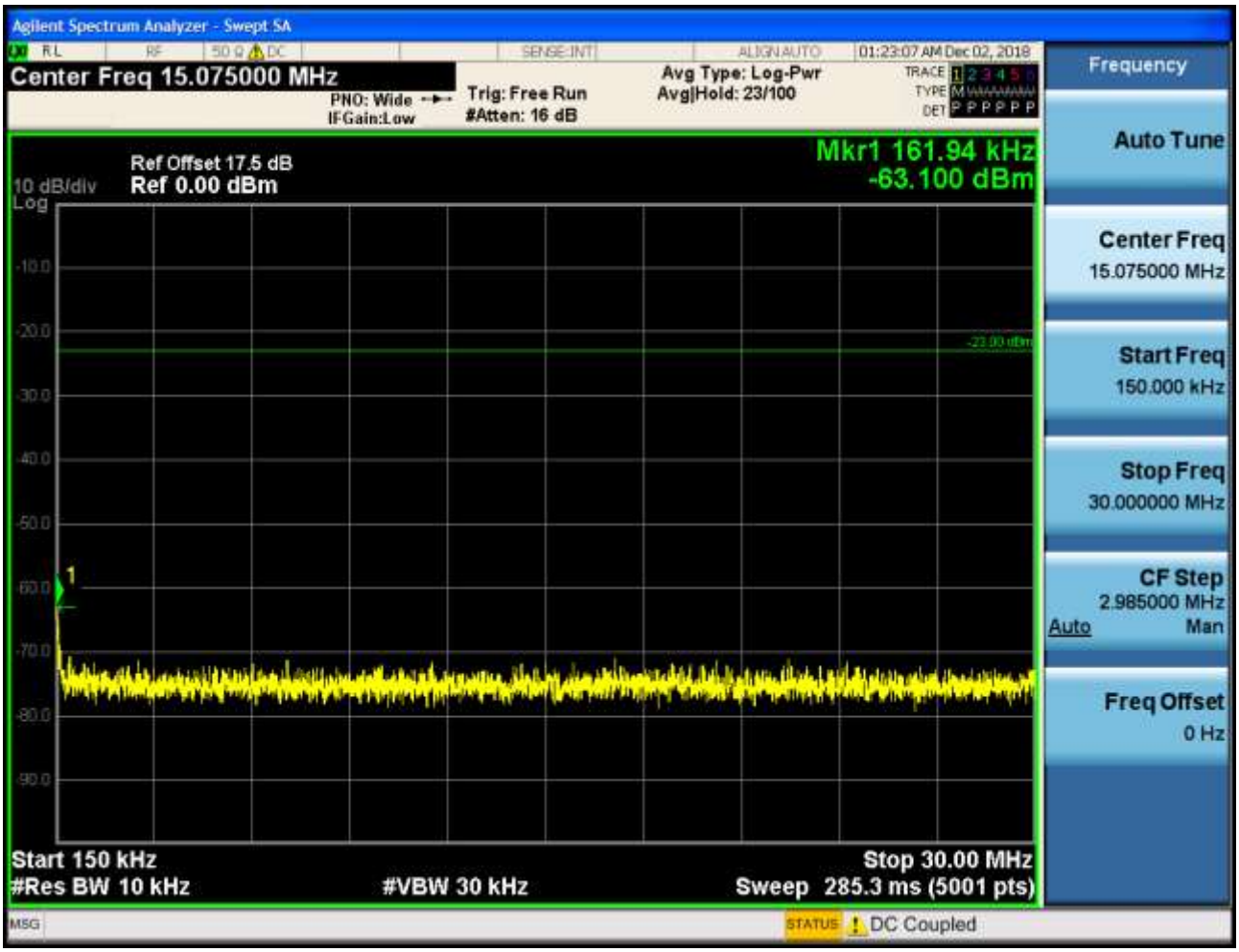

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:20:20 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-60.722 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

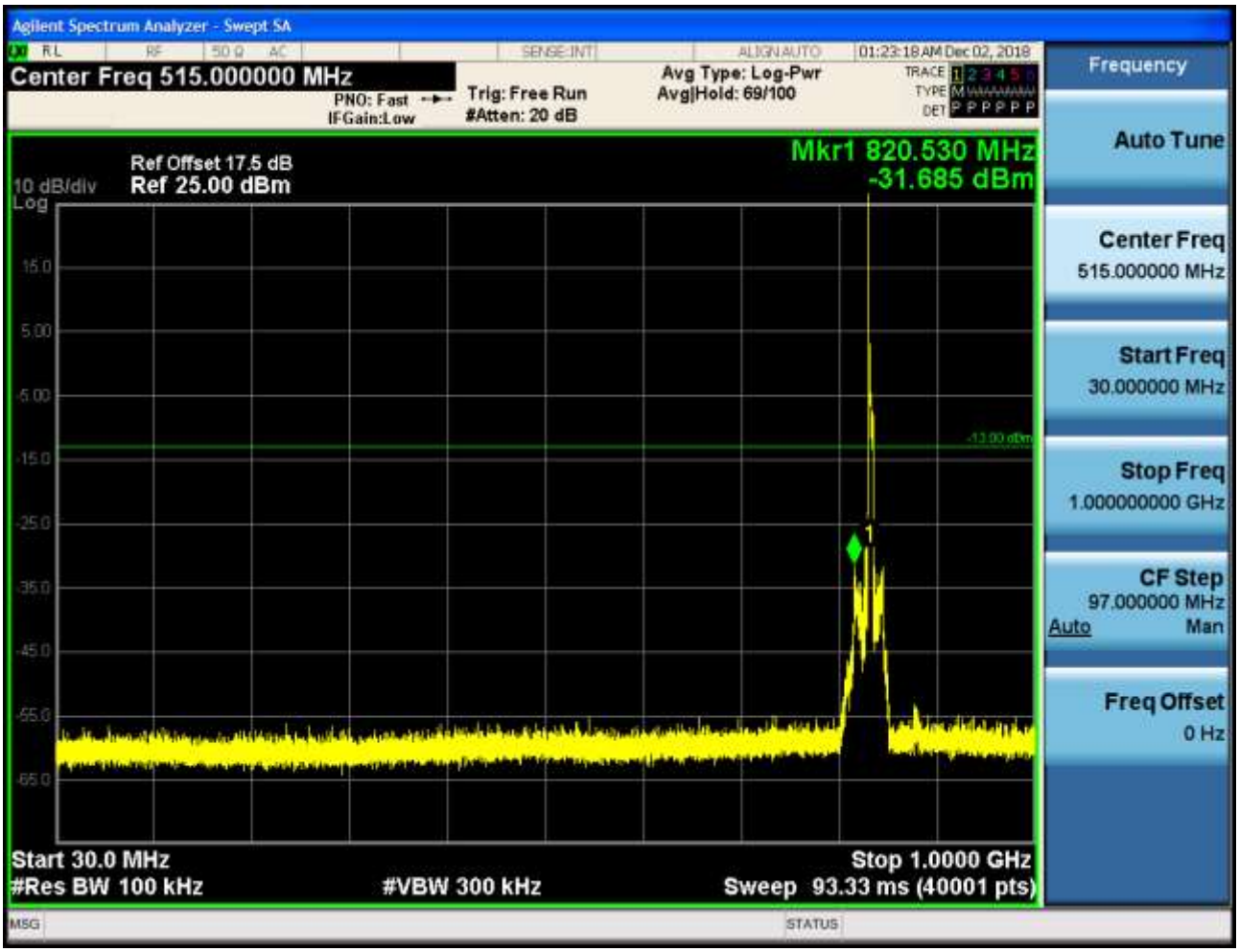

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 72/100
01:20:32 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 816.620 MHz
-24.704 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 53/100
01:20:41 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.649 48 GHz
-34.162 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

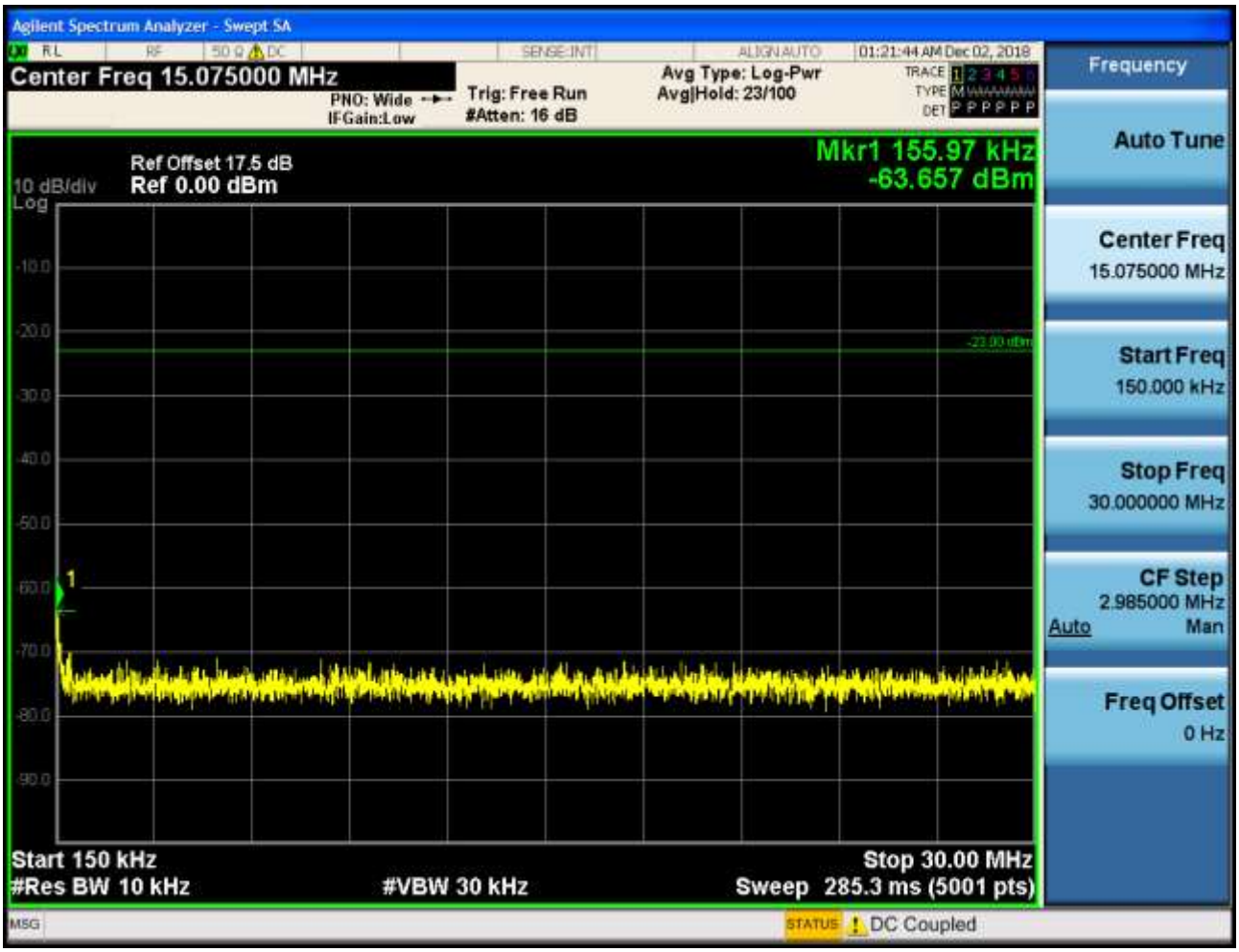

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:23:07 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-63.100 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

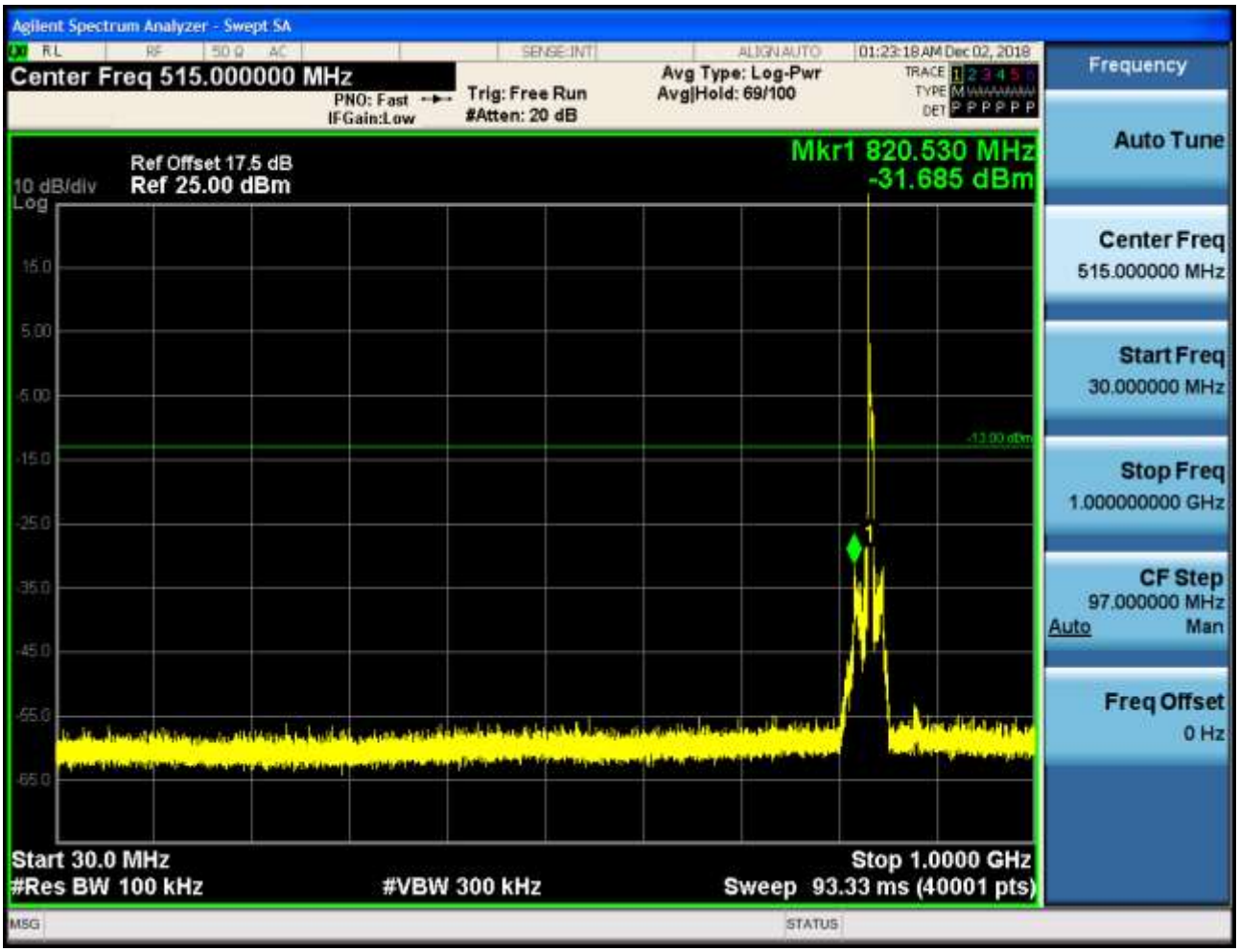

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 69/100
01:23:18 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 820.530 MHz
-31.685 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 63/100
01:23:27 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.669 46 GHz
-37.492 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:21:44 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-63.657 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

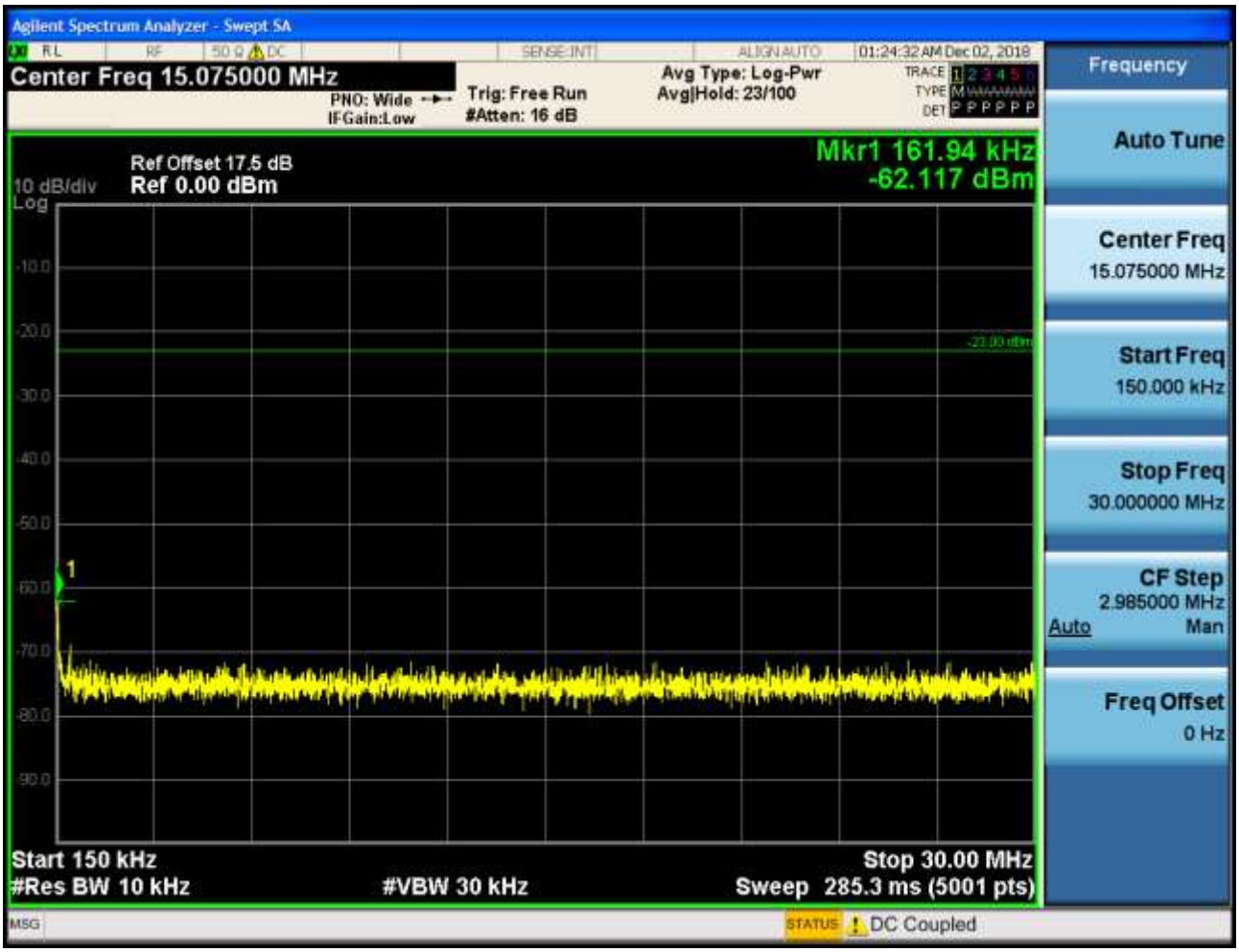

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 69/100
01:23:18 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 820.530 MHz
-31.685 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

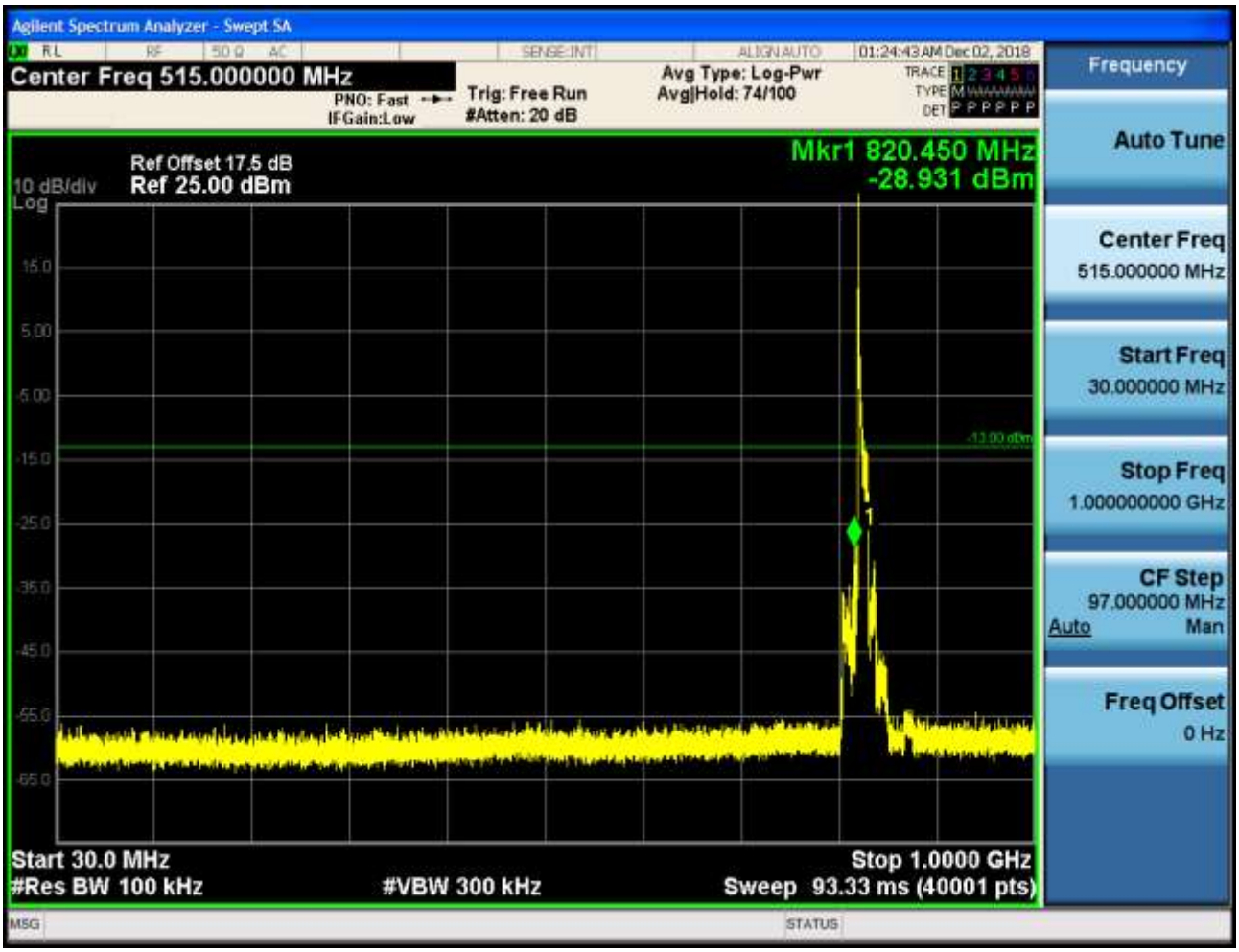
Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 63/100
01:23:27 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.669 46 GHz
-37.492 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

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


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:24:32 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-62.117 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 74/100
01:24:43 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 820.450 MHz
-28.931 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 63/100
01:24:53 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.649 78 GHz
-35.484 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

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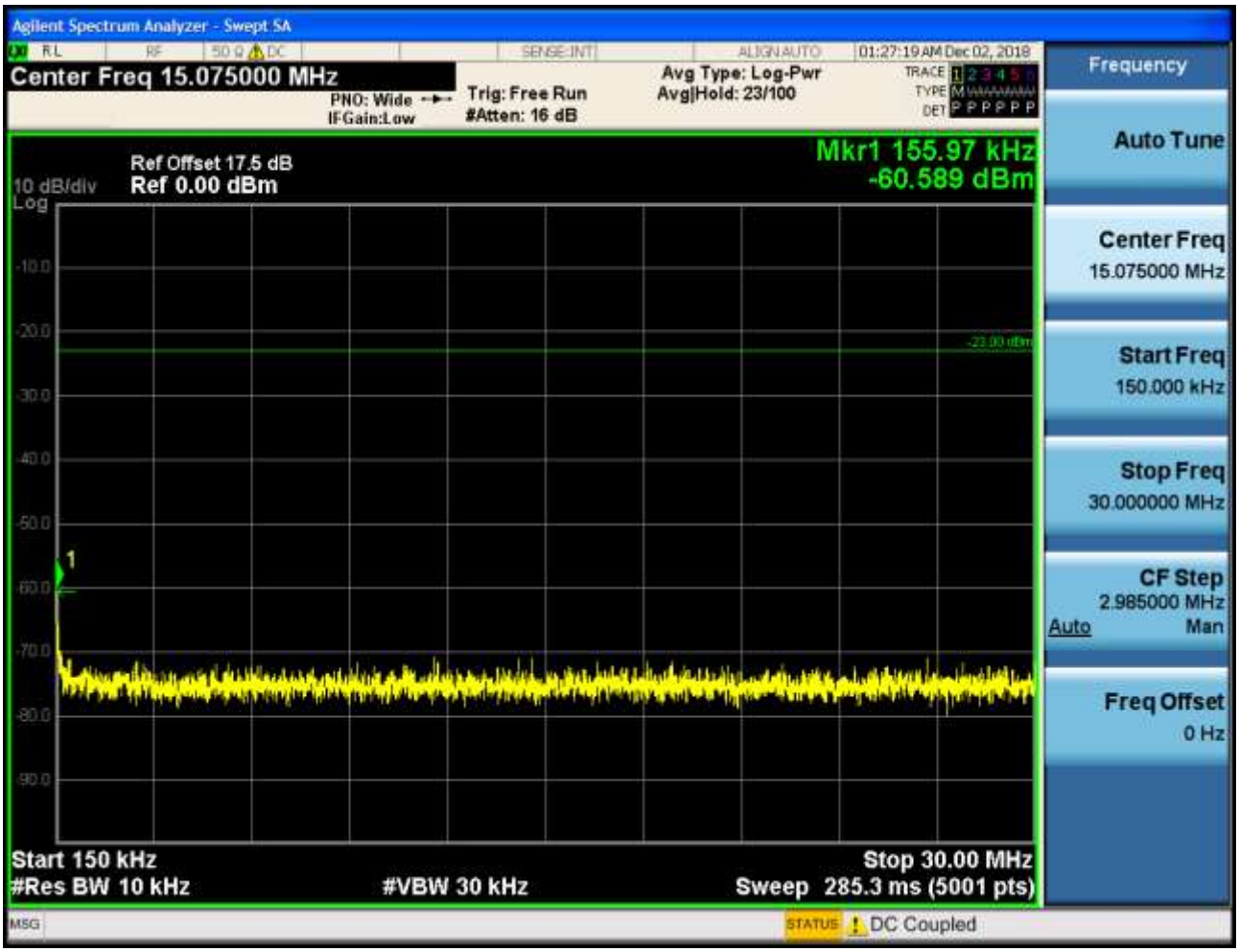
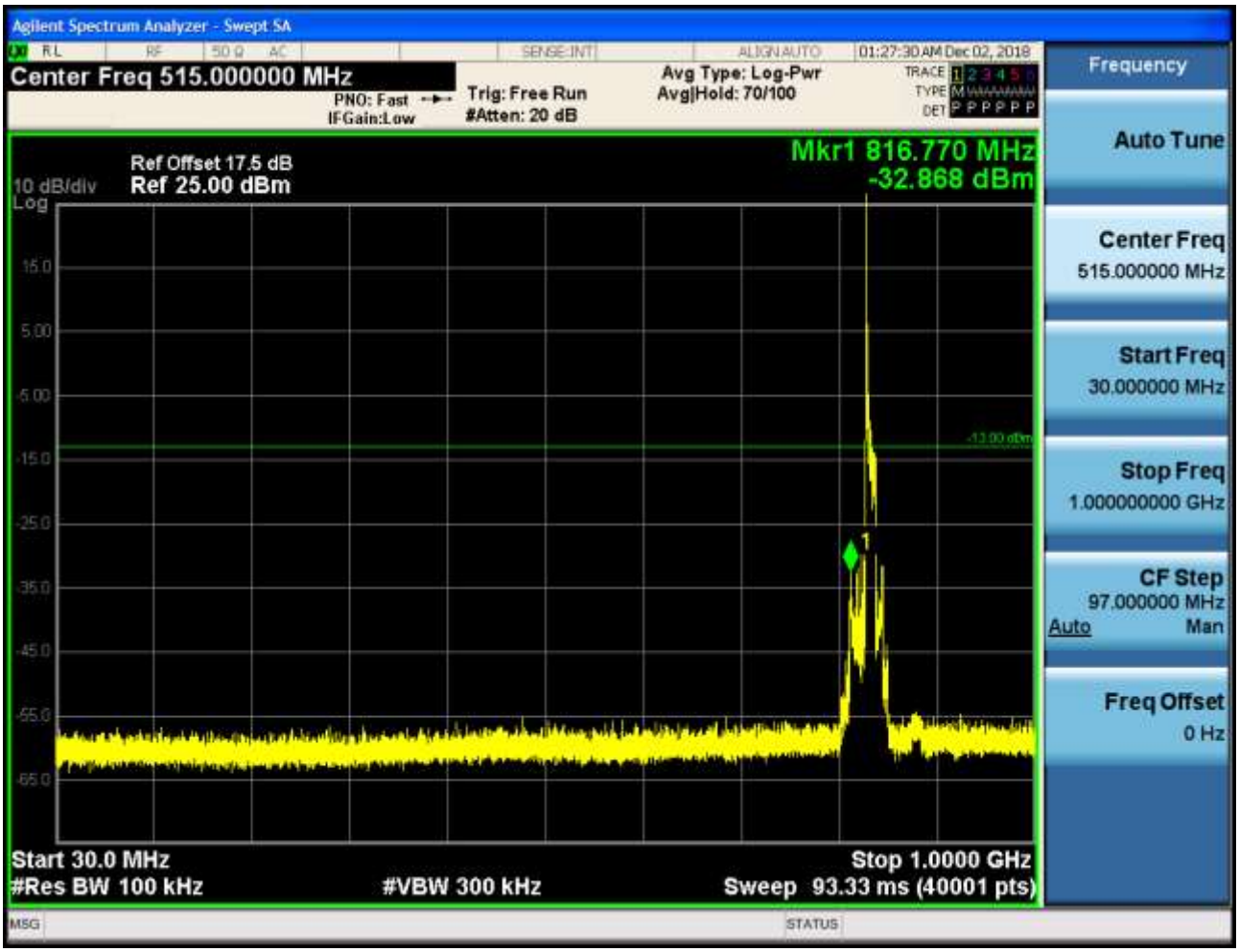
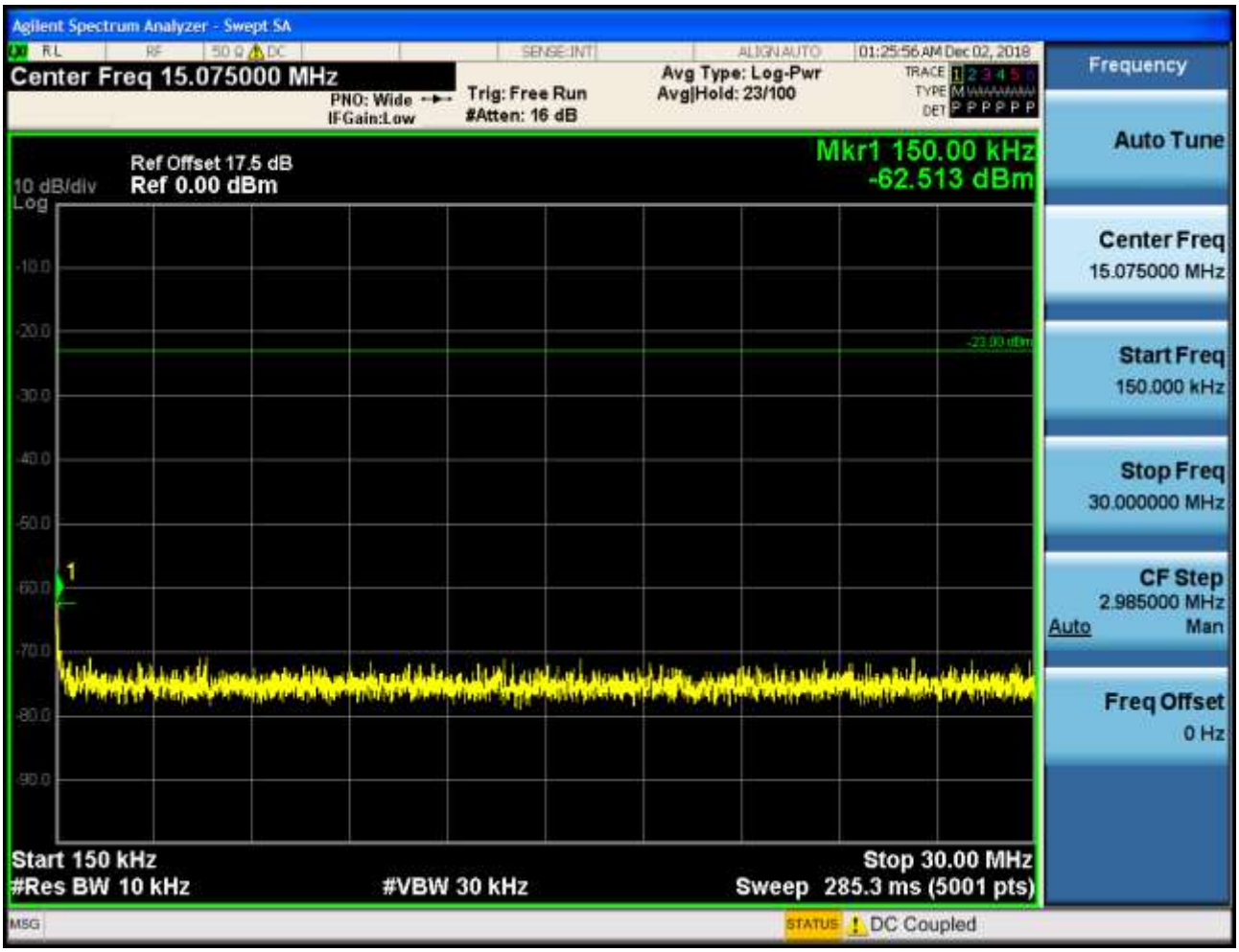

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:27:19 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-60.589 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

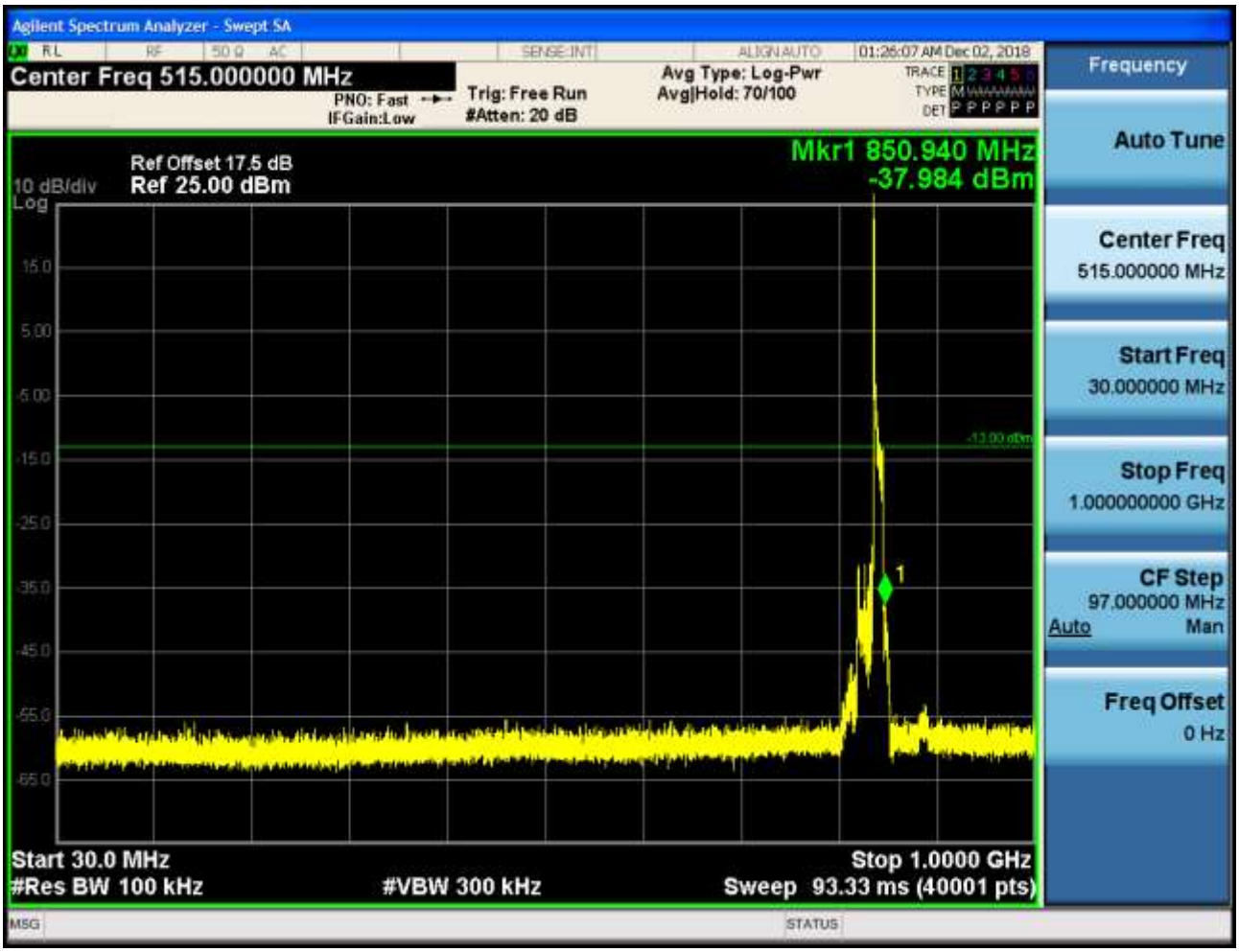

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 70/100
01:27:30 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 816.770 MHz
-32.868 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 63/100
01:27:40 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.665 05 GHz
-37.370 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:25:56 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-62.513 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 70/100
01:26:07 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 850.940 MHz
-37.984 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
01:26:17 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.680 03 GHz
-34.535 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

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 = Band5_ANT1

7.1.1.1 Test Bandwidth = 1.4

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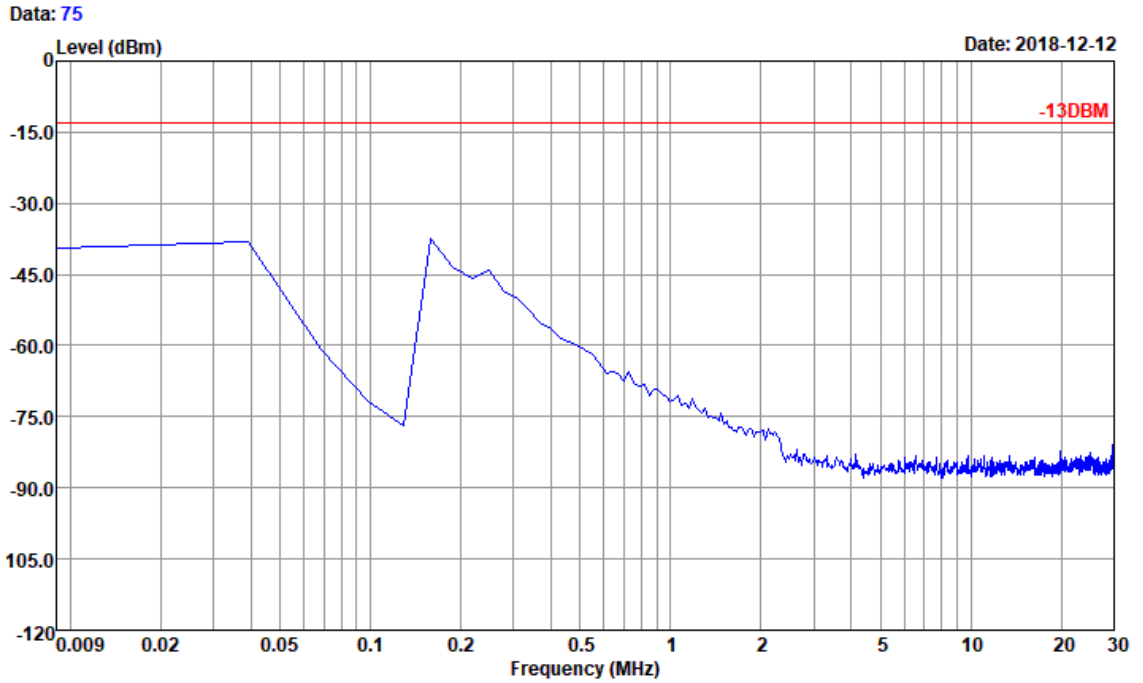
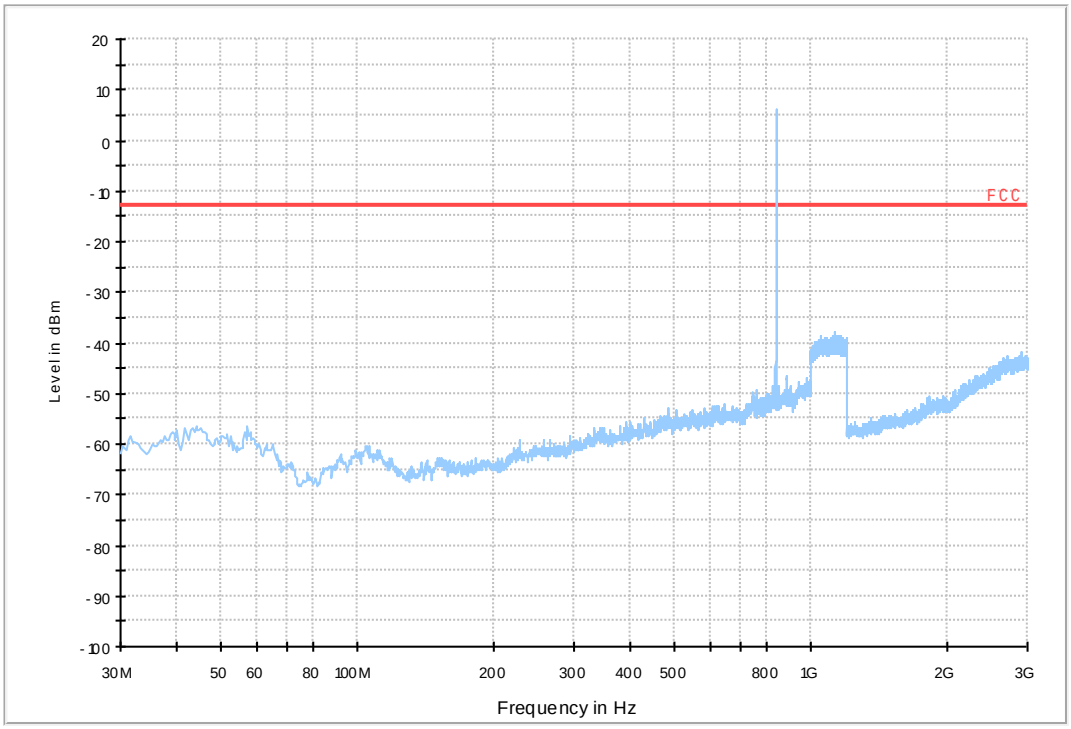
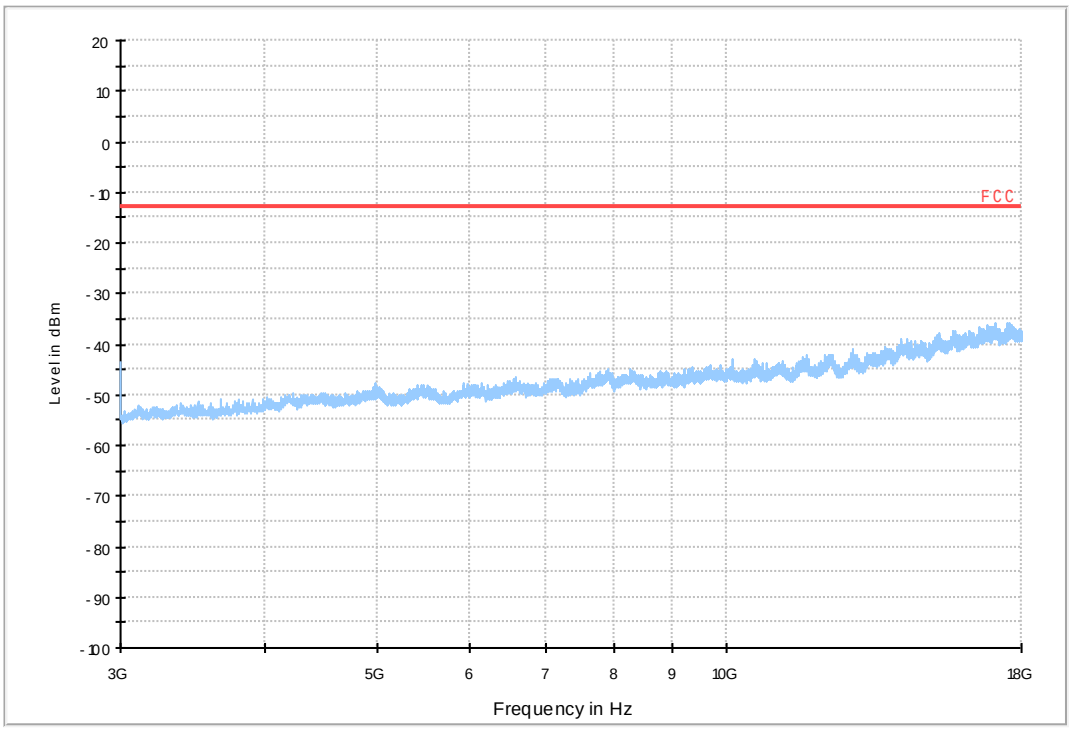


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

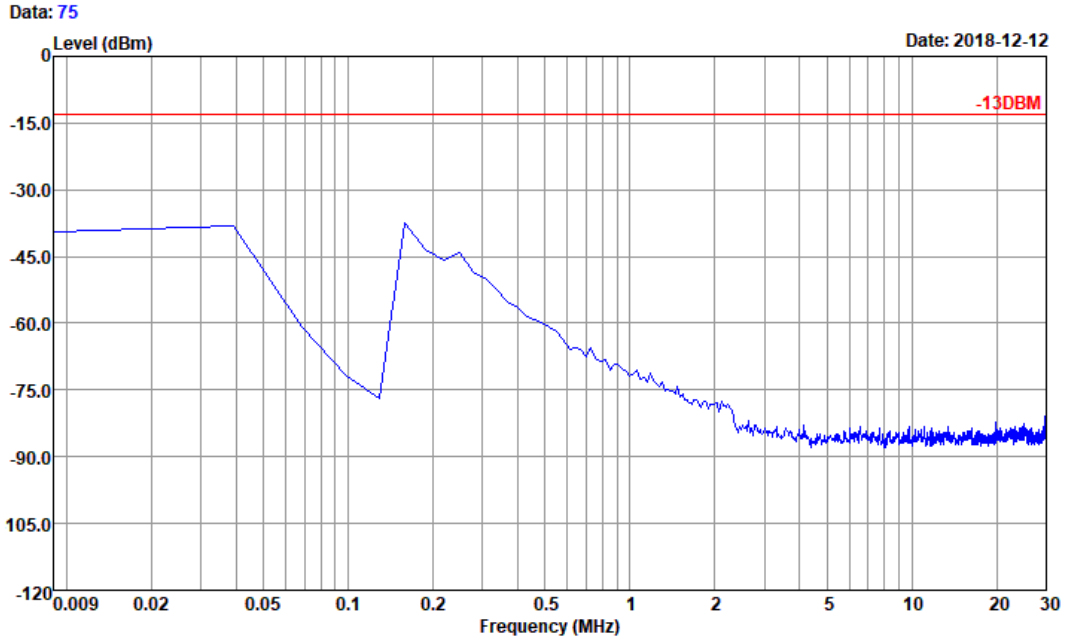
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

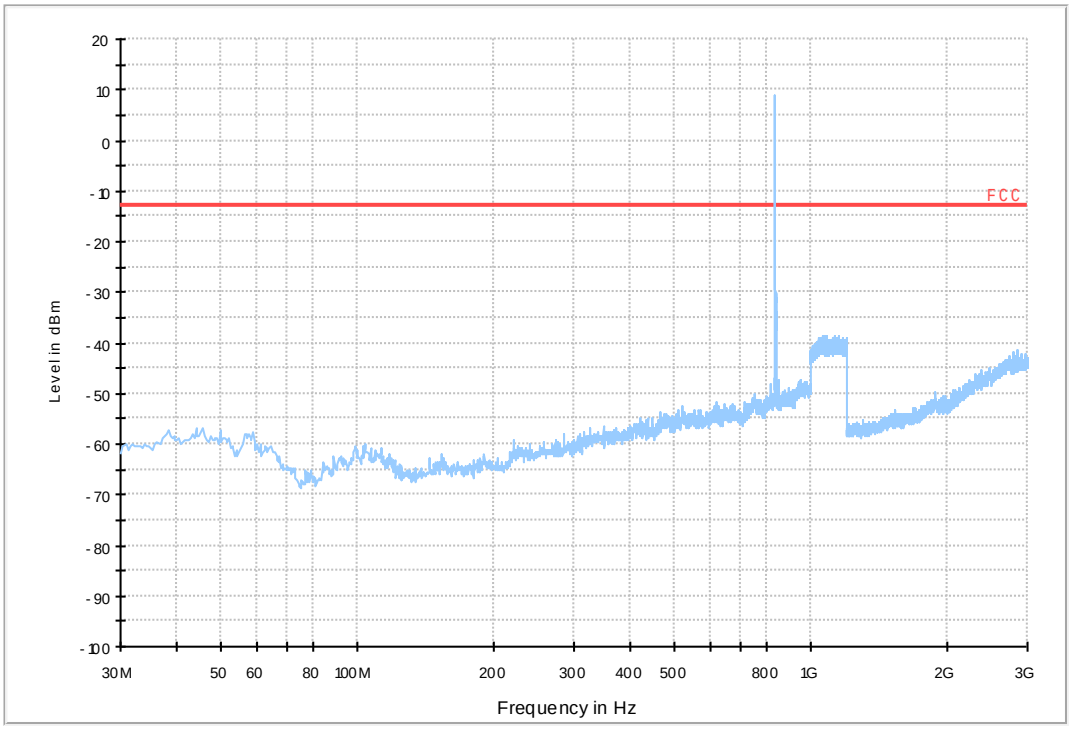


7.1.1.2 Test Bandwidth = 10

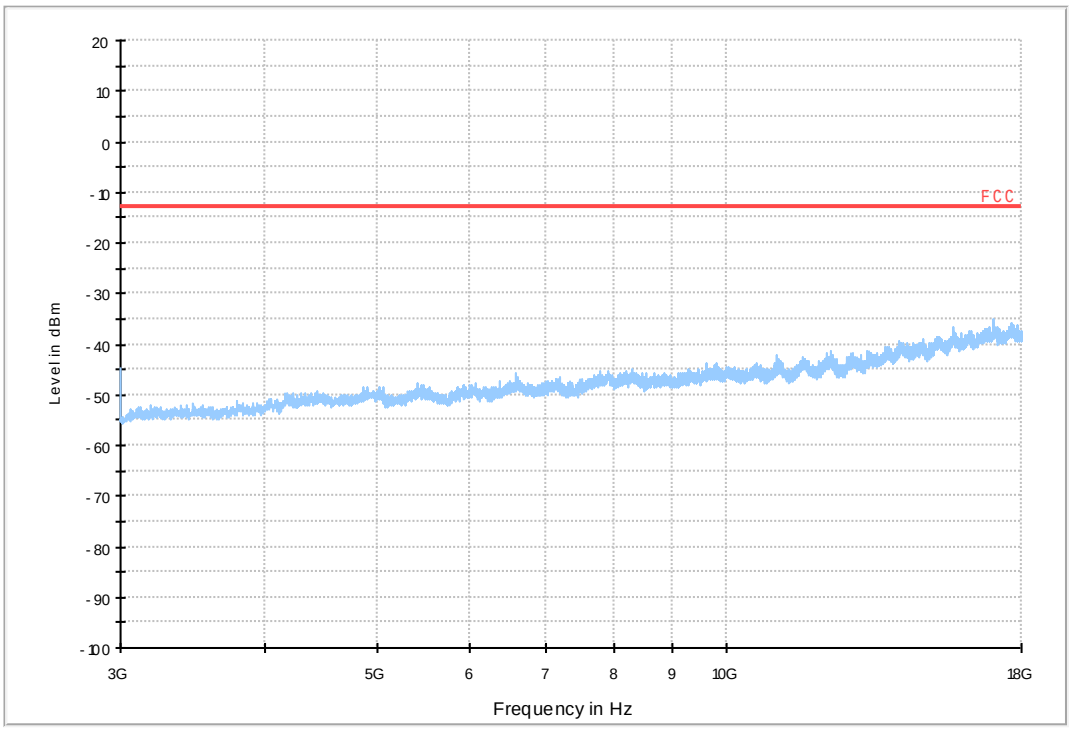



```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L

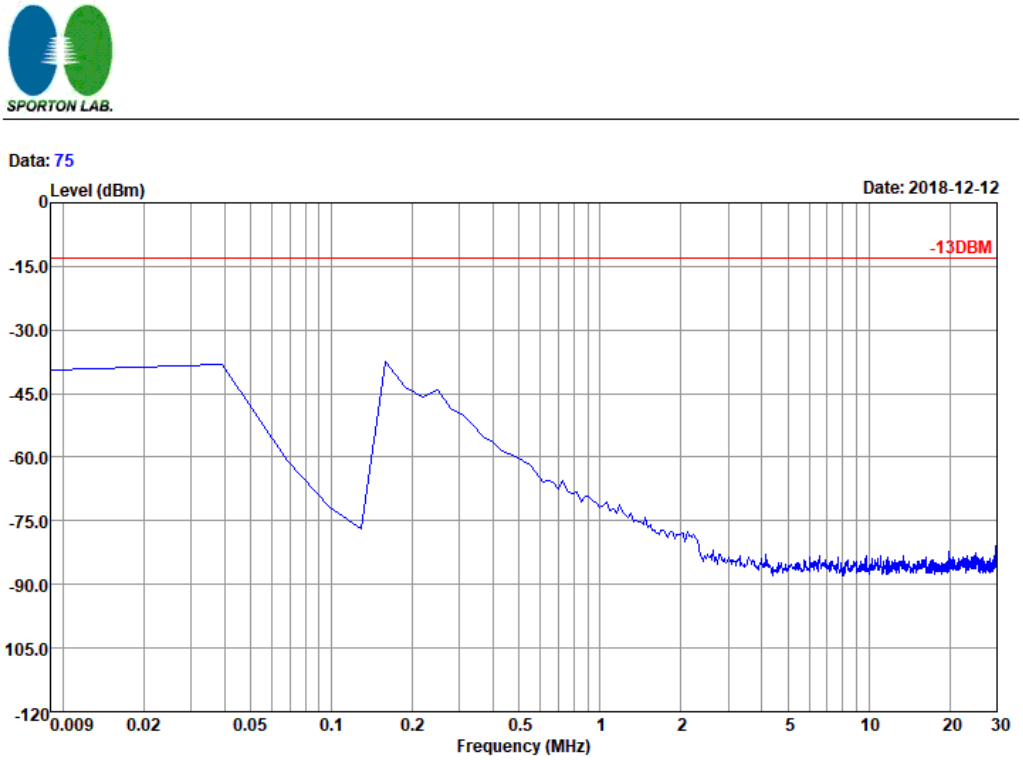


LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



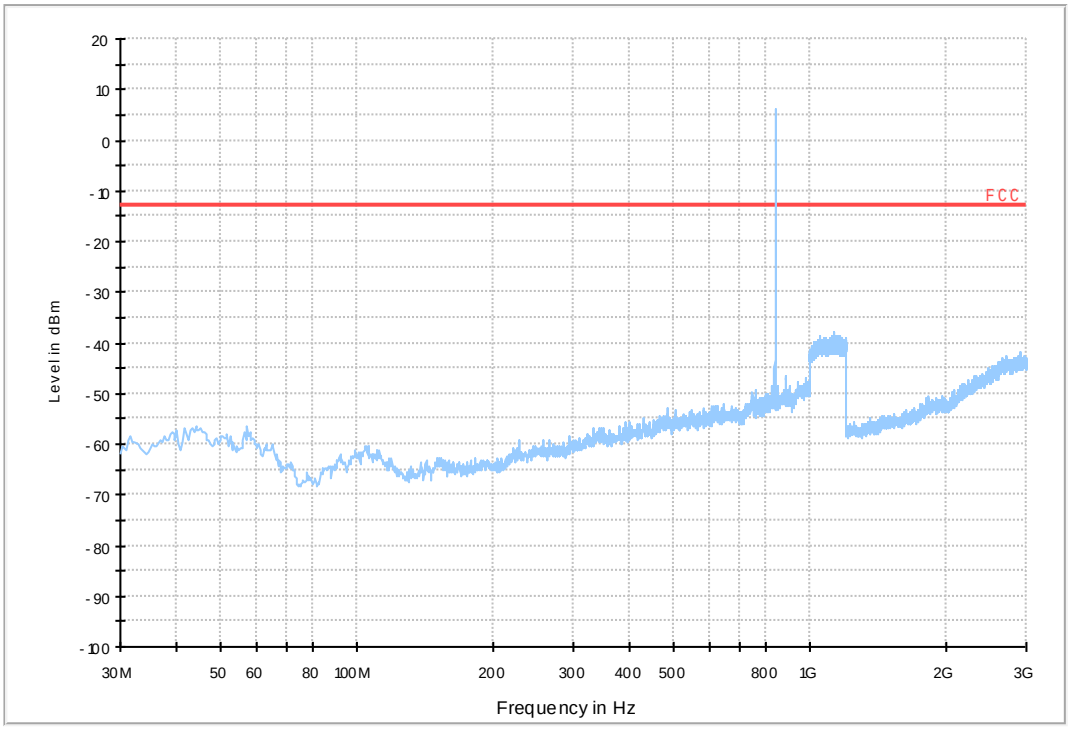
7.1.2 Test Band = Band5_ANT2

7.1.2.1 Test Bandwidth = 1.4

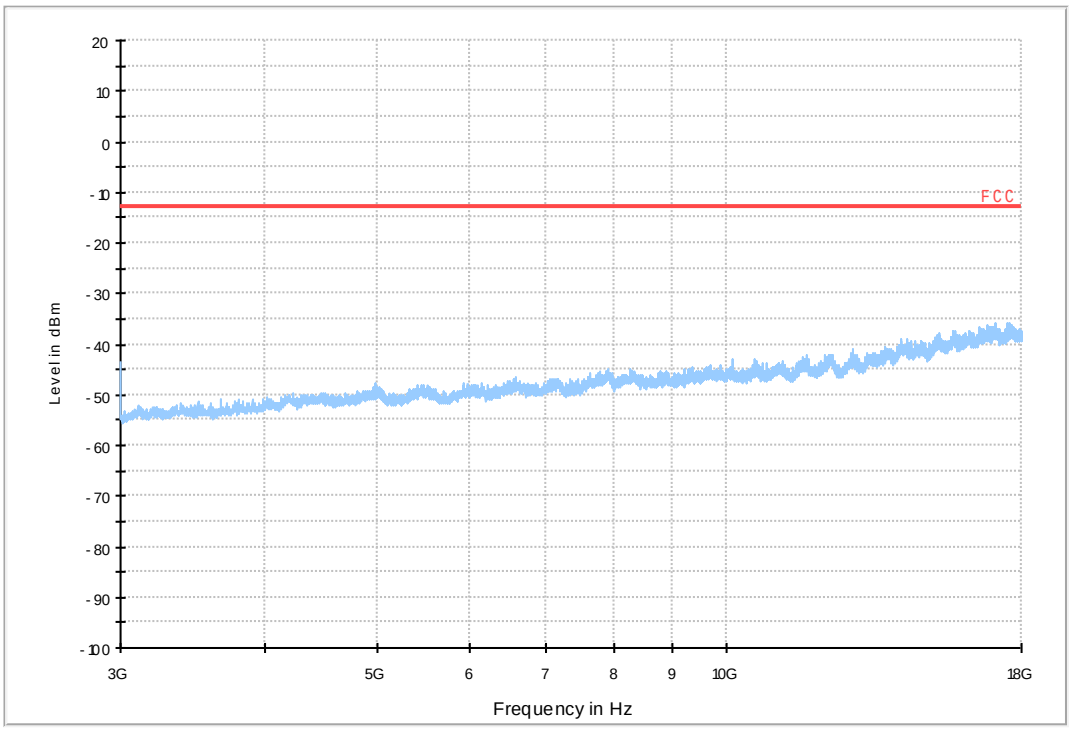



```
Site        : 03CH01-SZ
Condition   : -13DBM
            : RBW:9.000KHz VBW:30.000KHz
```

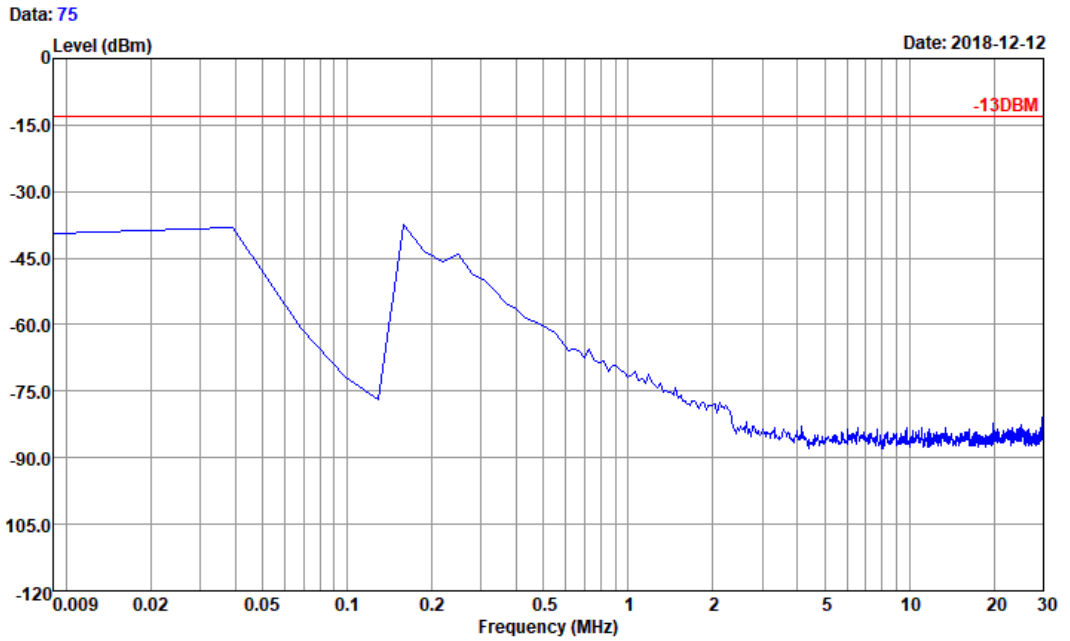
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

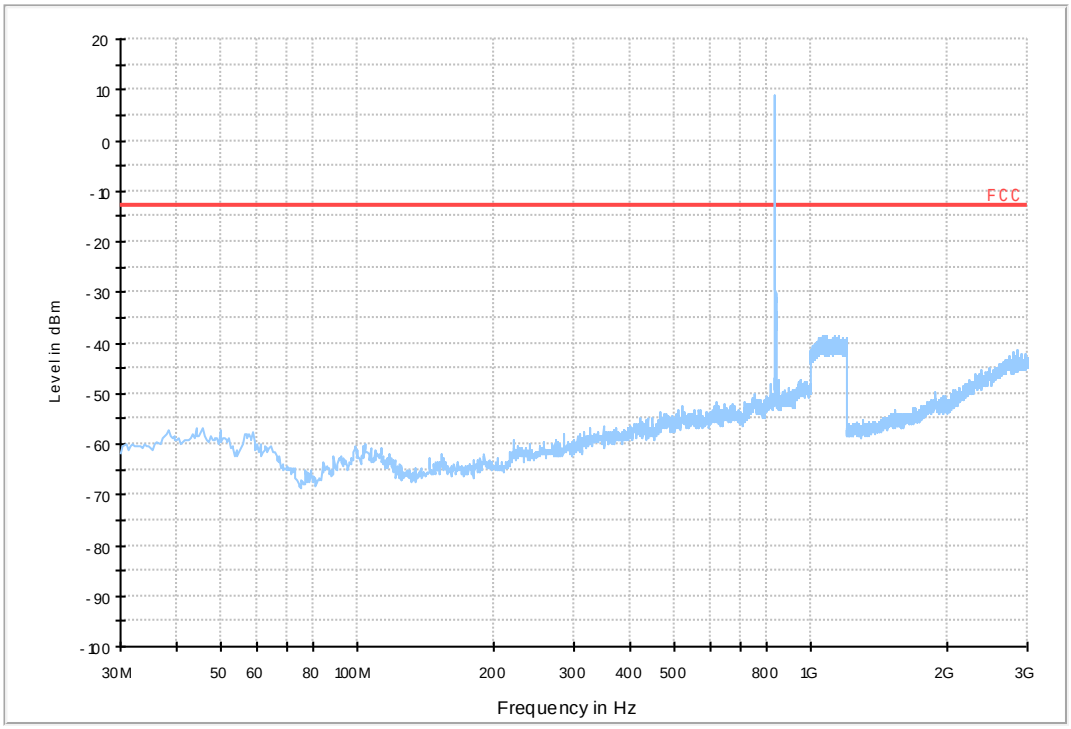


7.1.2.2 Test Bandwidth = 10

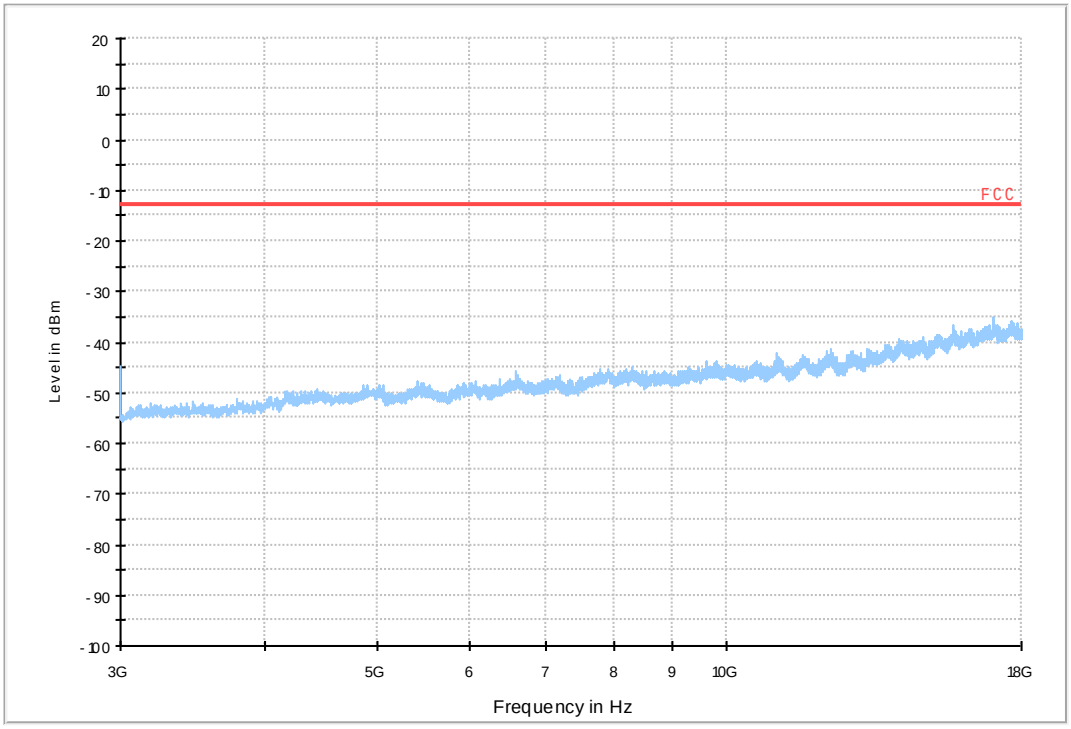



```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band5	LTE/TM1	1.4	LCH	TN	VL	-3.41892	-0.00415	PASS
					VN	2.37465	0.00288	PASS
					VH	-0.81539	-0.00099	PASS
			MCH	TN	VL	16.19339	0.01936	PASS
					VN	1.08719	0.00130	PASS
					VH	-6.35147	-0.00759	PASS
			HCH	TN	VL	2.64645	0.00313	PASS
					VN	2.50339	0.00296	PASS
					VH	3.99113	0.00471	PASS
		3	LCH	TN	VL	0.64373	0.00078	PASS
					VN	-1.73092	-0.00210	PASS
					VH	2.27451	0.00276	PASS
			MCH	TN	VL	-2.91824	-0.00349	PASS
					VN	1.02997	0.00123	PASS
					VH	-1.35899	-0.00162	PASS
			HCH	TN	VL	0.94414	0.00111	PASS
					VN	-1.45912	-0.00172	PASS
					VH	-0.41485	-0.00049	PASS
		5	LCH	TN	VL	-5.47886	-0.00663	PASS
					VN	1.55926	0.00189	PASS
					VH	-3.23296	-0.00391	PASS
			MCH	TN	VL	-0.88692	-0.00106	PASS
					VN	-3.31879	-0.00397	PASS
					VH	-0.02861	-0.00003	PASS
			HCH	TN	VL	2.64645	0.00313	PASS
					VN	2.50339	0.00296	PASS
					VH	3.99113	0.00471	PASS
		10	LCH	TN	VL	-1.28746	-0.00155	PASS
					VN	0.10014	0.00012	PASS
					VH	0.50068	0.00060	PASS
			MCH	TN	VL	0.58651	0.00070	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-10.71453	-0.01281	PASS
					VH	-1.31607	-0.00157	PASS
			HCH	TN	VL	2.27451	0.00269	PASS
					VN	-1.64509	-0.00195	PASS
					VH	2.81811	0.00334	PASS
	LTE/TM2	1.4	LCH	TN	VL	14.49108	0.01757	PASS
					VN	-11.55853	-0.01402	PASS
					VH	5.27859	0.00640	PASS
			MCH	TN	VL	-1.44482	-0.00173	PASS
					VN	9.18388	0.01098	PASS
					VH	5.16415	0.00617	PASS
			HCH	TN	VL	-0.41485	-0.00049	PASS
					VN	12.43114	0.01473	PASS
					VH	-0.37193	-0.00044	PASS
		3	LCH	TN	VL	3.24726	0.00393	PASS
					VN	0.78678	0.00095	PASS
					VH	3.81947	0.00463	PASS
			MCH	TN	VL	-9.06944	-0.01084	PASS
					VN	8.41141	0.01006	PASS
					VH	-3.19004	-0.00381	PASS
			HCH	TN	VL	-0.01431	-0.00002	PASS
					VN	5.62191	0.00663	PASS
					VH	2.54631	0.00300	PASS
		5	LCH	TN	VL	-1.44482	-0.00175	PASS
					VN	-1.20163	-0.00145	PASS
					VH	-0.91553	-0.00111	PASS
			MCH	TN	VL	1.73092	0.00207	PASS
					VN	-12.34531	-0.01476	PASS
					VH	-1.35899	-0.00162	PASS
			HCH	TN	VL	0.80109	0.00095	PASS
					VN	4.20570	0.00497	PASS
					VH	1.64509	0.00194	PASS
		10	LCH	TN	VL	-0.31471	-0.00038	PASS
					VN	1.98841	0.00240	PASS
					VH	0.40054	0.00048	PASS
			MCH	TN	VL	3.36170	0.00402	PASS
					VN	-0.95844	-0.00115	PASS
					VH	2.16007	0.00258	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VL	-0.41485	-0.00049	PASS
					VN	12.43114	0.01473	PASS
					VH	-0.37193	-0.00044	PASS

8.1.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band5	LTE/TM1	1.4	LCH	VN	-30	-4.77791	-0.00579	PASS
					-20	20.08438	0.02435	PASS
					-10	2.17438	0.00264	PASS
					0	6.89506	0.00836	PASS
					10	5.90801	0.00716	PASS
					20	2.37465	0.00288	PASS
					30	8.35419	0.01013	PASS
					40	12.73155	0.01544	PASS
					50	5.60761	0.00680	PASS
			MCH	VN	-30	-0.87261	-0.00104	PASS
					-20	4.43459	0.00530	PASS
					-10	0.87261	0.00104	PASS
					0	9.81331	0.01173	PASS
					10	-11.00063	-0.01315	PASS
					20	1.08719	0.00130	PASS
					30	7.46727	0.00893	PASS
					40	1.94550	0.00233	PASS
					50	2.48909	0.00298	PASS
			HCH	VN	-30	-2.14577	-0.00253	PASS
					-20	-1.47343	-0.00174	PASS
					-10	-2.16007	-0.00255	PASS
					0	0.04292	0.00005	PASS
					10	-4.36306	-0.00515	PASS
					20	2.50339	0.00296	PASS
					30	-6.70910	-0.00793	PASS
					40	2.13146	0.00252	PASS
					50	-2.08855	-0.00247	PASS
		3	LCH	VN	-30	-6.25134	-0.00757	PASS
					-20	-3.20435	-0.00388	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-9.57012	-0.01159	PASS
					0	-13.33237	-0.01615	PASS
					10	1.78814	0.00217	PASS
					20	-1.73092	-0.00210	PASS
					30	-2.40326	-0.00291	PASS
					40	-1.51634	-0.00184	PASS
					50	-2.78950	-0.00338	PASS
			MCH	VN	-30	-1.97411	-0.00236	PASS
					-20	-9.19819	-0.01100	PASS
					-10	0.85831	0.00103	PASS
					0	-0.98705	-0.00118	PASS
					10	1.57356	0.00188	PASS
					20	1.02997	0.00123	PASS
					30	-6.90937	-0.00826	PASS
					40	-5.90801	-0.00706	PASS
					50	3.34740	0.00400	PASS
			HCH	VN	-30	-0.10014	-0.00012	PASS
					-20	0.98705	0.00116	PASS
					-10	-3.56197	-0.00420	PASS
					0	-2.47478	-0.00292	PASS
					10	-4.09126	-0.00483	PASS
					20	-1.45912	-0.00172	PASS
					30	-8.41141	-0.00992	PASS
					40	0.71526	0.00084	PASS
					50	-3.36170	-0.00397	PASS
		5	LCH	VN	-30	-2.28882	-0.00277	PASS
					-20	-0.22888	-0.00028	PASS
					-10	-3.33309	-0.00403	PASS
					0	-1.33038	-0.00161	PASS
					10	4.37737	0.00530	PASS
					20	1.55926	0.00189	PASS
					30	0.65804	0.00080	PASS
					40	-1.01566	-0.00123	PASS
					50	-0.85831	-0.00104	PASS
			MCH	VN	-30	-1.35899	-0.00162	PASS
					-20	-1.31607	-0.00157	PASS
					-10	0.71526	0.00086	PASS
					0	4.17709	0.00499	PASS
					10	-1.41621	-0.00169	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-3.31879	-0.00397	PASS
					30	-8.72612	-0.01043	PASS
					40	-3.66211	-0.00438	PASS
					50	-3.44753	-0.00412	PASS
			HCH	VN	-30	-2.14577	-0.00253	PASS
					-20	-1.47343	-0.00174	PASS
					-10	-2.16007	-0.00255	PASS
					0	0.04292	0.00005	PASS
					10	-4.36306	-0.00515	PASS
					20	2.50339	0.00296	PASS
					30	-6.70910	-0.00793	PASS
					40	2.13146	0.00252	PASS
					50	-2.08855	-0.00247	PASS
		10	LCH	VN	-30	6.23703	0.00752	PASS
					-20	-0.70095	-0.00085	PASS
					-10	-7.53880	-0.00909	PASS
					0	-1.05858	-0.00128	PASS
					10	0.10014	0.00012	PASS
					20	0.10014	0.00012	PASS
					30	3.70503	0.00447	PASS
					40	1.37329	0.00166	PASS
					50	-0.25749	-0.00031	PASS
			MCH	VN	-30	-0.28610	-0.00034	PASS
					-20	8.08239	0.00966	PASS
					-10	-1.07288	-0.00128	PASS
					0	8.99792	0.01076	PASS
					10	-1.34468	-0.00161	PASS
					20	-10.71453	-0.01281	PASS
					30	-1.80244	-0.00215	PASS
					40	3.80516	0.00455	PASS
					50	2.67506	0.00320	PASS
			HCH	VN	-30	-7.93934	-0.00941	PASS
					-20	2.70367	0.00320	PASS
					-10	-7.13825	-0.00846	PASS
					0	-0.41485	-0.00049	PASS
					10	0.38624	0.00046	PASS
					20	-1.64509	-0.00195	PASS
					30	2.23160	0.00264	PASS
					40	-2.87533	-0.00341	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-2.37465	-0.00281	PASS
	LTE/TM2	1.4	LCH	VN	-30	-5.20706	-0.00631	PASS
					-20	-9.58443	-0.01162	PASS
					-10	3.43323	0.00416	PASS
					0	-3.07560	-0.00373	PASS
					10	-1.31607	-0.00160	PASS
					20	-11.55853	-0.01402	PASS
					30	1.07288	0.00130	PASS
					40	9.68456	0.01174	PASS
					50	-11.95908	-0.01450	PASS
			MCH	VN	-30	2.70367	0.00323	PASS
					-20	11.20090	0.01339	PASS
					-10	4.07696	0.00487	PASS
					0	9.18388	0.01098	PASS
					10	2.27451	0.00272	PASS
					20	9.18388	0.01098	PASS
					30	5.13554	0.00614	PASS
					40	-5.82218	-0.00696	PASS
					50	7.93934	0.00949	PASS
			HCH	VN	-30	0.52929	0.00063	PASS
					-20	-0.52929	-0.00063	PASS
					-10	-0.08583	-0.00010	PASS
					0	2.28882	0.00271	PASS
					10	1.27316	0.00151	PASS
					20	12.43114	0.01473	PASS
					30	-0.31471	-0.00037	PASS
					40	-3.14712	-0.00373	PASS
					50	-7.03812	-0.00834	PASS
		3	LCH	VN	-30	-3.54767	-0.00430	PASS
					-20	-2.94685	-0.00357	PASS
					-10	-2.44618	-0.00296	PASS
					0	-3.34740	-0.00405	PASS
					10	2.76089	0.00334	PASS
					20	0.78678	0.00095	PASS
					30	0.08583	0.00010	PASS
					40	1.27316	0.00154	PASS
					50	-0.91553	-0.00111	PASS
			MCH	VN	-30	-9.72748	-0.01163	PASS
					-20	-4.53472	-0.00542	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-6.70910	-0.00802	PASS
					0	7.72476	0.00923	PASS
					10	3.03268	0.00363	PASS
					20	8.41141	0.01006	PASS
					30	-6.86646	-0.00821	PASS
					40	1.33038	0.00159	PASS
					50	-5.80788	-0.00694	PASS
			HCH	VN	-30	6.42300	0.00758	PASS
					-20	2.40326	0.00284	PASS
					-10	-0.34332	-0.00041	PASS
					0	1.95980	0.00231	PASS
					10	-10.35690	-0.01222	PASS
					20	5.62191	0.00663	PASS
					30	-6.12259	-0.00722	PASS
					40	2.28882	0.00270	PASS
					50	0.14305	0.00017	PASS
		5	LCH	VN	-30	0.81539	0.00099	PASS
					-20	-2.36034	-0.00286	PASS
					-10	-5.62191	-0.00680	PASS
					0	3.26157	0.00395	PASS
					10	-6.13689	-0.00743	PASS
					20	-1.20163	-0.00145	PASS
					30	0.14305	0.00017	PASS
					40	-0.92983	-0.00113	PASS
					50	2.01702	0.00244	PASS
			MCH	VN	-30	-5.03540	-0.00602	PASS
					-20	8.15391	0.00975	PASS
					-10	-1.47343	-0.00176	PASS
					0	3.69072	0.00441	PASS
					10	-9.79900	-0.01171	PASS
					20	-12.34531	-0.01476	PASS
					30	-7.79629	-0.00932	PASS
					40	-2.87533	-0.00344	PASS
					50	-4.73499	-0.00566	PASS
			HCH	VN	-30	1.13010	0.00134	PASS
					-20	-0.30041	-0.00035	PASS
					-10	5.29289	0.00625	PASS
					0	-5.13554	-0.00607	PASS
					10	-0.75817	-0.00090	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	4.20570	0.00497	PASS
					30	2.28882	0.00270	PASS
					40	-0.78678	-0.00093	PASS
					50	1.71661	0.00203	PASS
		10	LCH	VN	-30	-0.27180	-0.00033	PASS
					-20	2.21729	0.00267	PASS
					-10	-10.39982	-0.01255	PASS
					0	-0.75817	-0.00091	PASS
					10	-0.75817	-0.00091	PASS
					20	1.98841	0.00240	PASS
					30	0.10014	0.00012	PASS
					40	-1.18732	-0.00143	PASS
					50	2.57492	0.00311	PASS
			MCH	VN	-30	-0.32902	-0.00039	PASS
					-20	7.23839	0.00865	PASS
					-10	0.78678	0.00094	PASS
					0	3.44753	0.00412	PASS
					10	-0.87261	-0.00104	PASS
					20	-0.95844	-0.00115	PASS
					30	-7.66754	-0.00917	PASS
					40	-3.80516	-0.00455	PASS
					50	-4.99249	-0.00597	PASS
			HCH	VN	-30	0.52929	0.00063	PASS
					-20	-0.52929	-0.00063	PASS
					-10	-0.08583	-0.00010	PASS
					0	2.28882	0.00271	PASS
					10	1.27316	0.00151	PASS
					20	12.43114	0.01473	PASS
					30	-0.31471	-0.00037	PASS
					40	-3.14712	-0.00373	PASS
					50	-7.03812	-0.00834	PASS

END

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