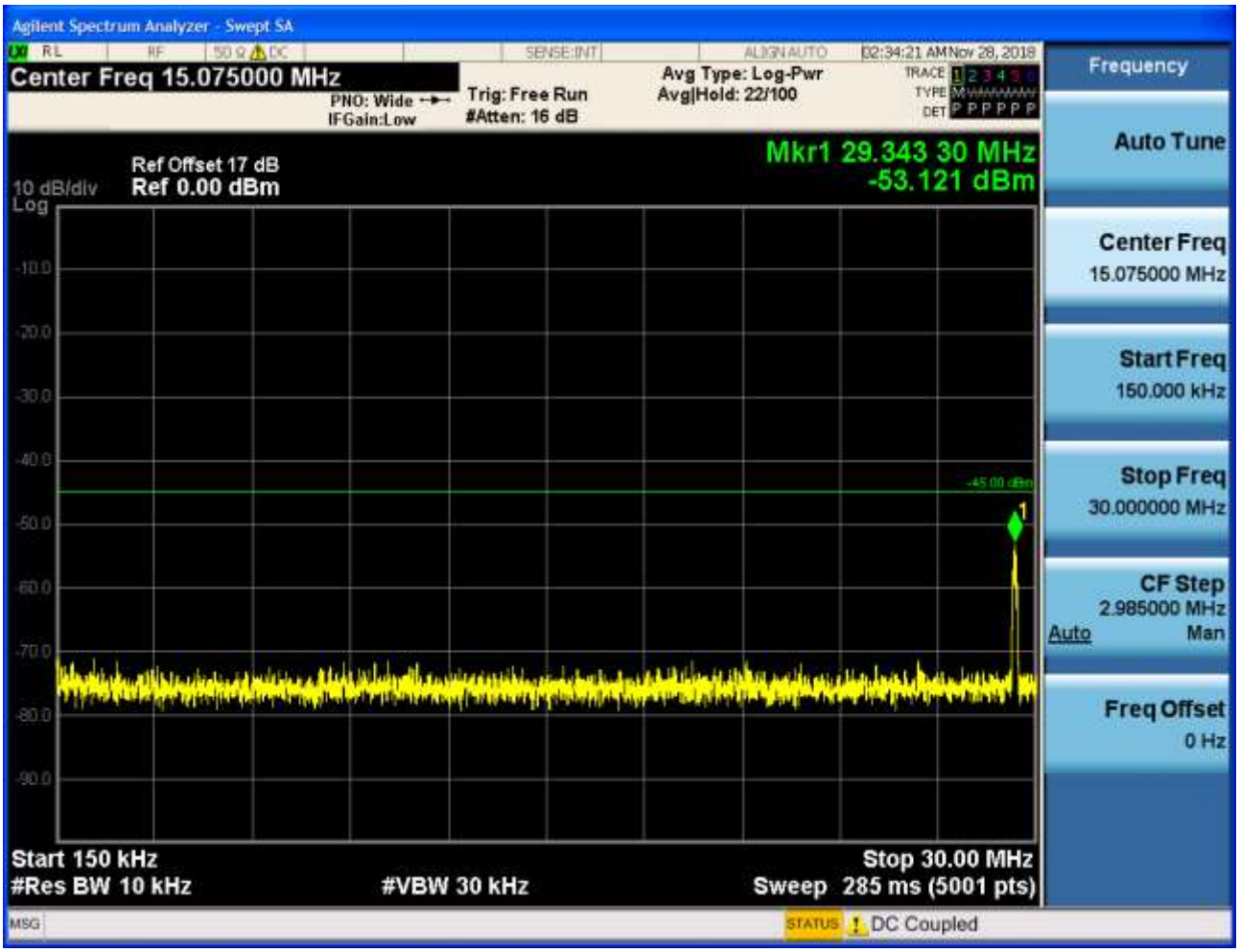
Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:34:21 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 29.343 30 MHz
-53.121 dBm
-45.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:34:30 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.524 7 GHz
-28.935 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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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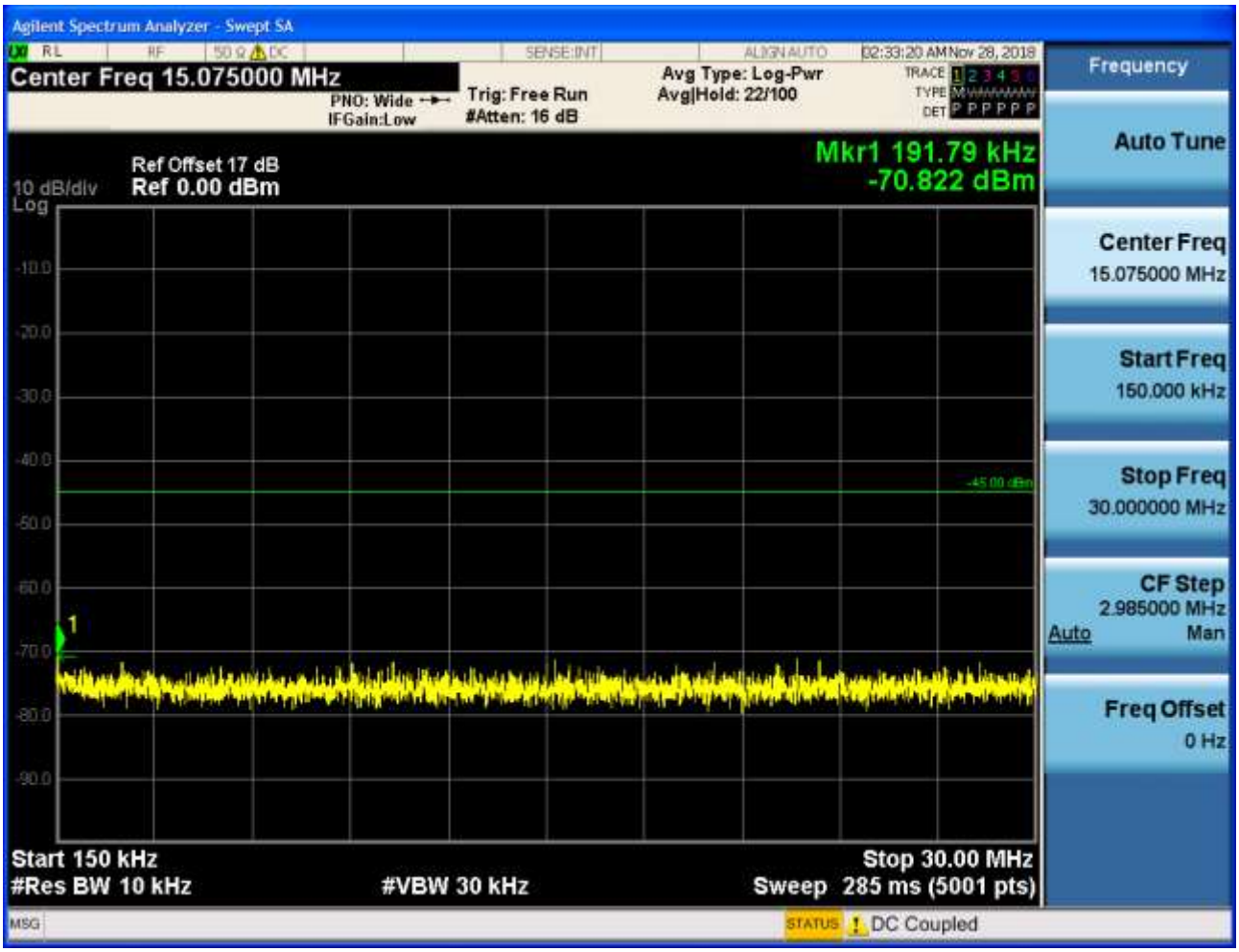
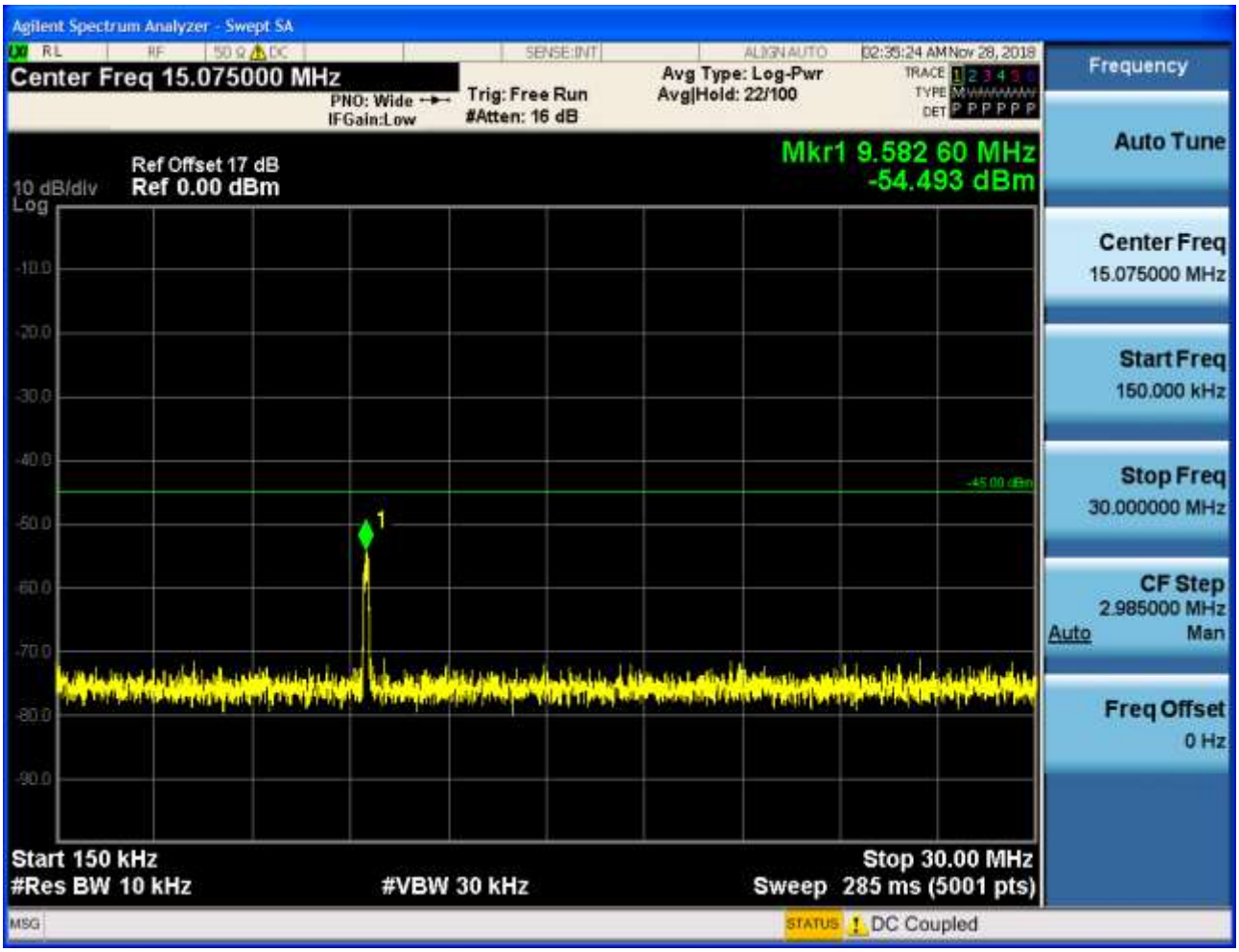

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:33:20 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 191.79 kHz
-70.822 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
02:33:29 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.400 0 GHz
-29.492 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

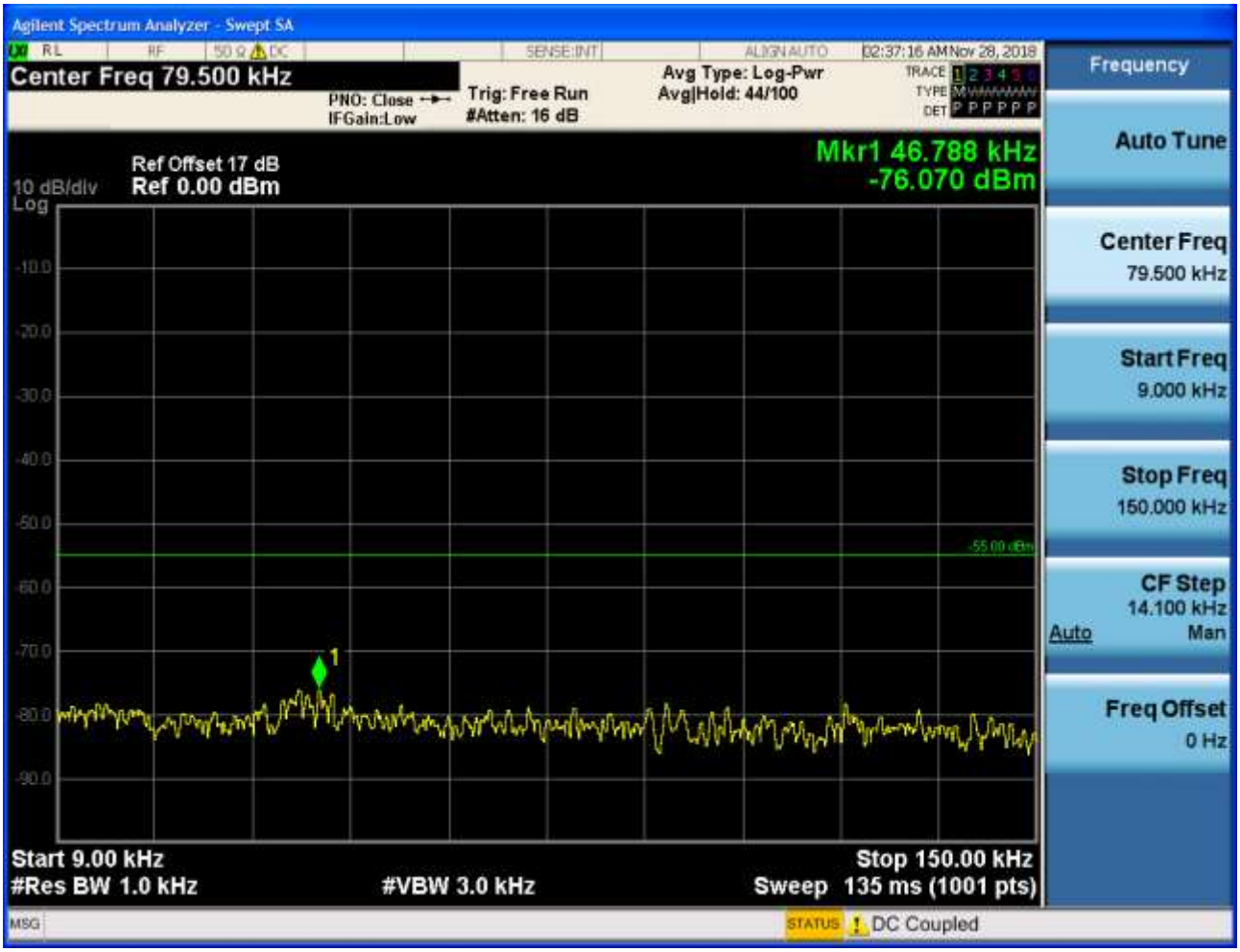
6.2.1.1.3.1.1 Test RB = RB1#0


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: 22/100
02:35:24 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 9.582 60 MHz
-54.493 dBm
-45.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:35:34 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.495 1 GHz
-29.459 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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

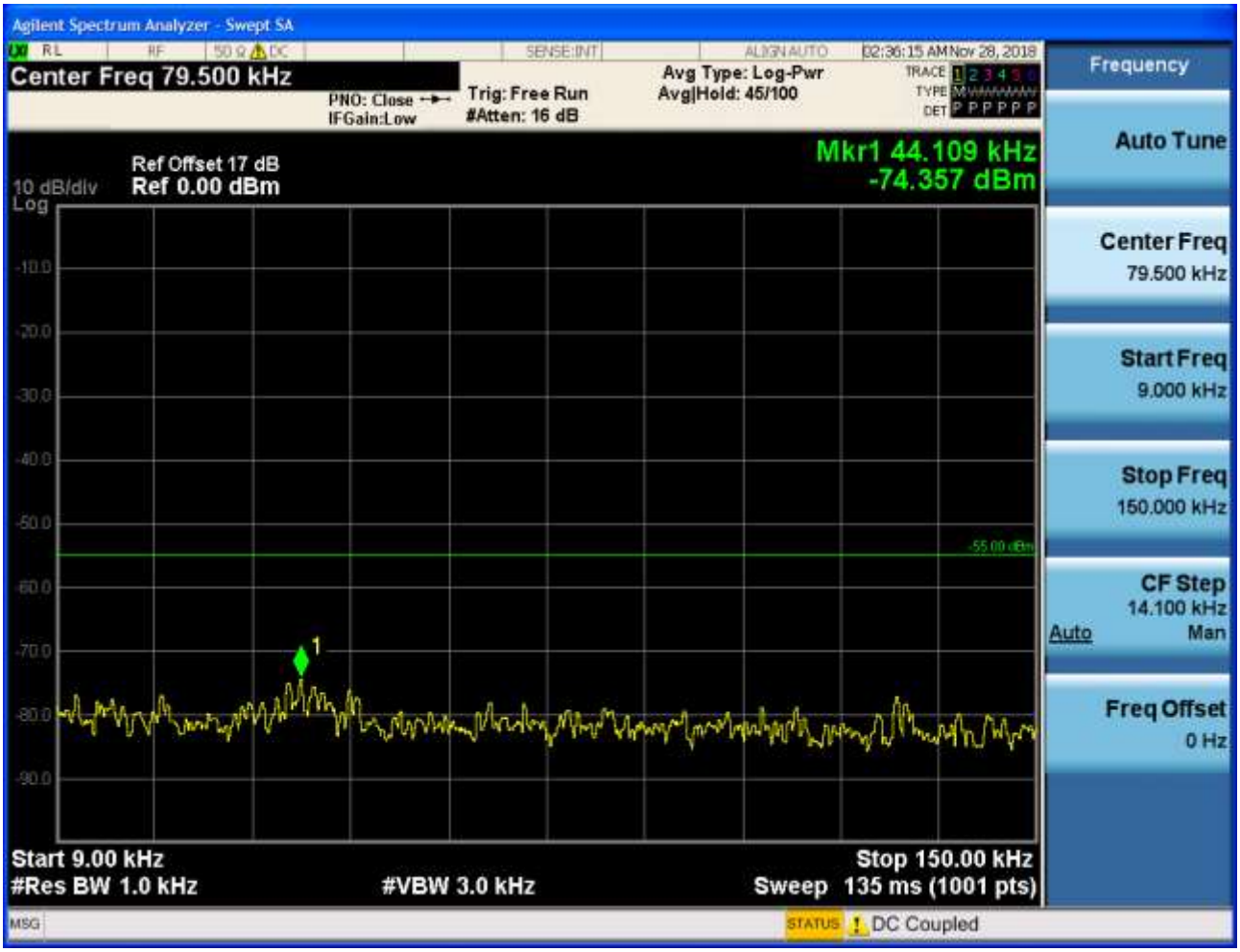


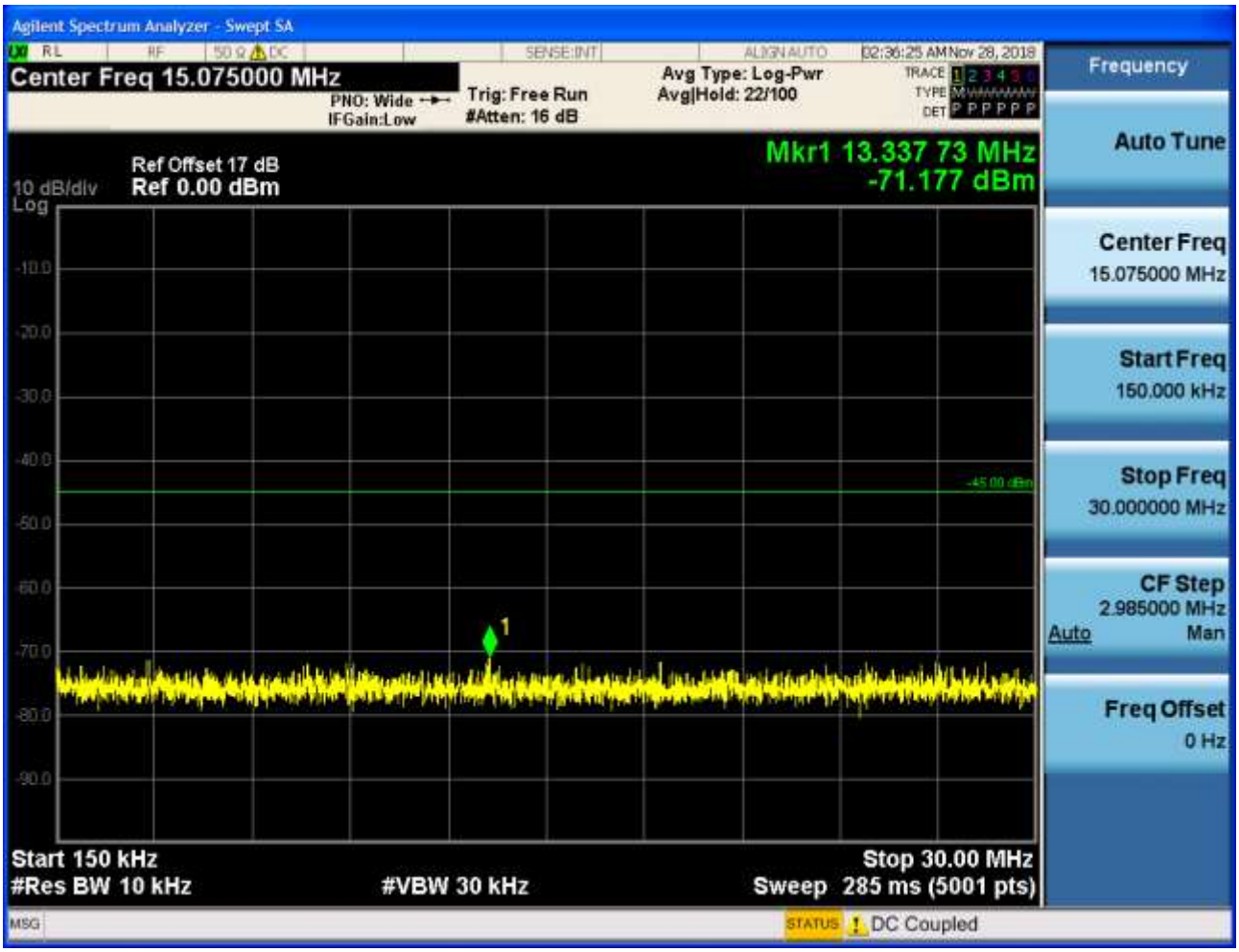
Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:37:26 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 27.092 61 MHz
-52.377 dBm
-45.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 35/100
02:37:35 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.480 9 GHz
-29.596 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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



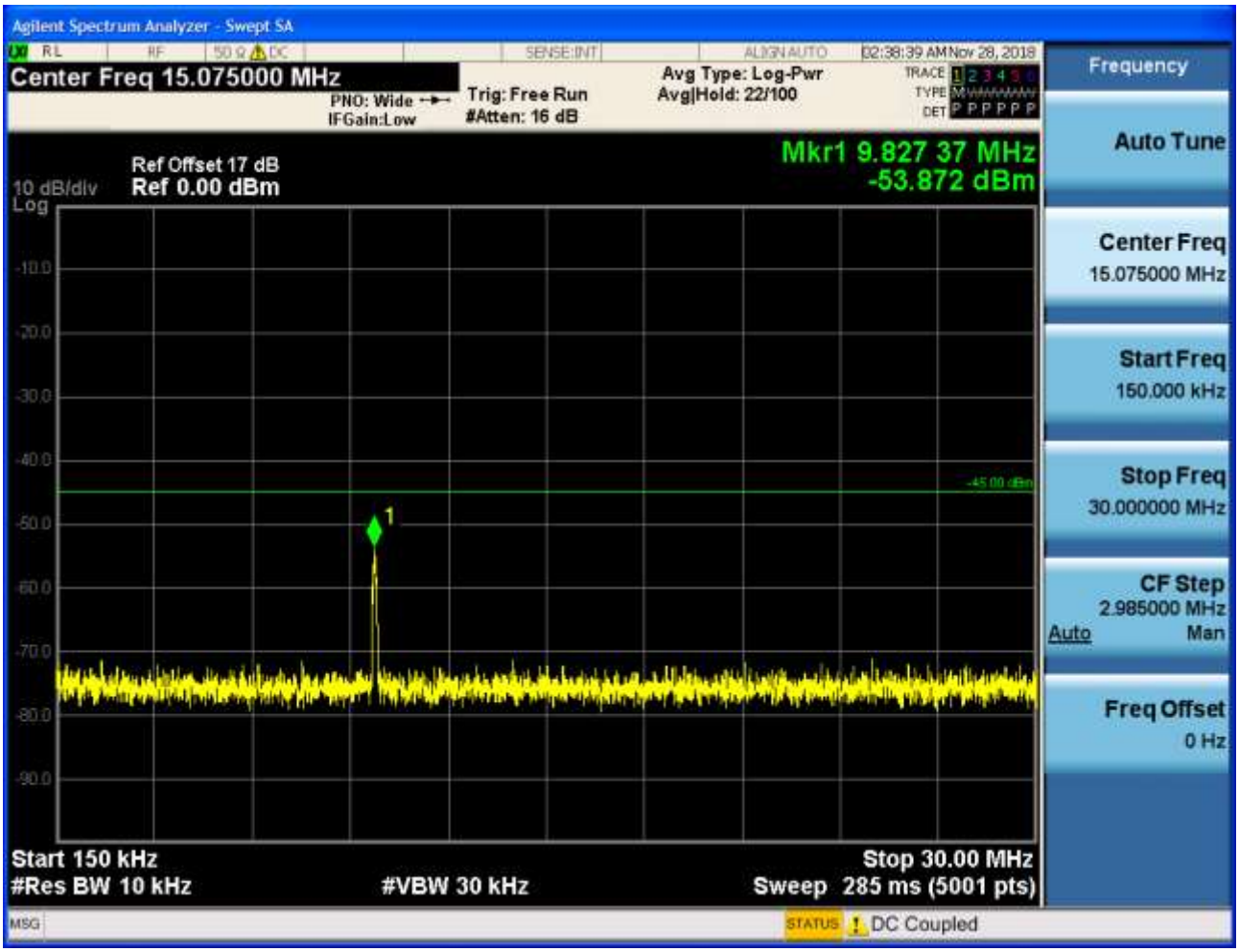

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:36:25 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 13.337 73 MHz
-71.177 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
02:36:35 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.500 5 GHz
-29.779 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

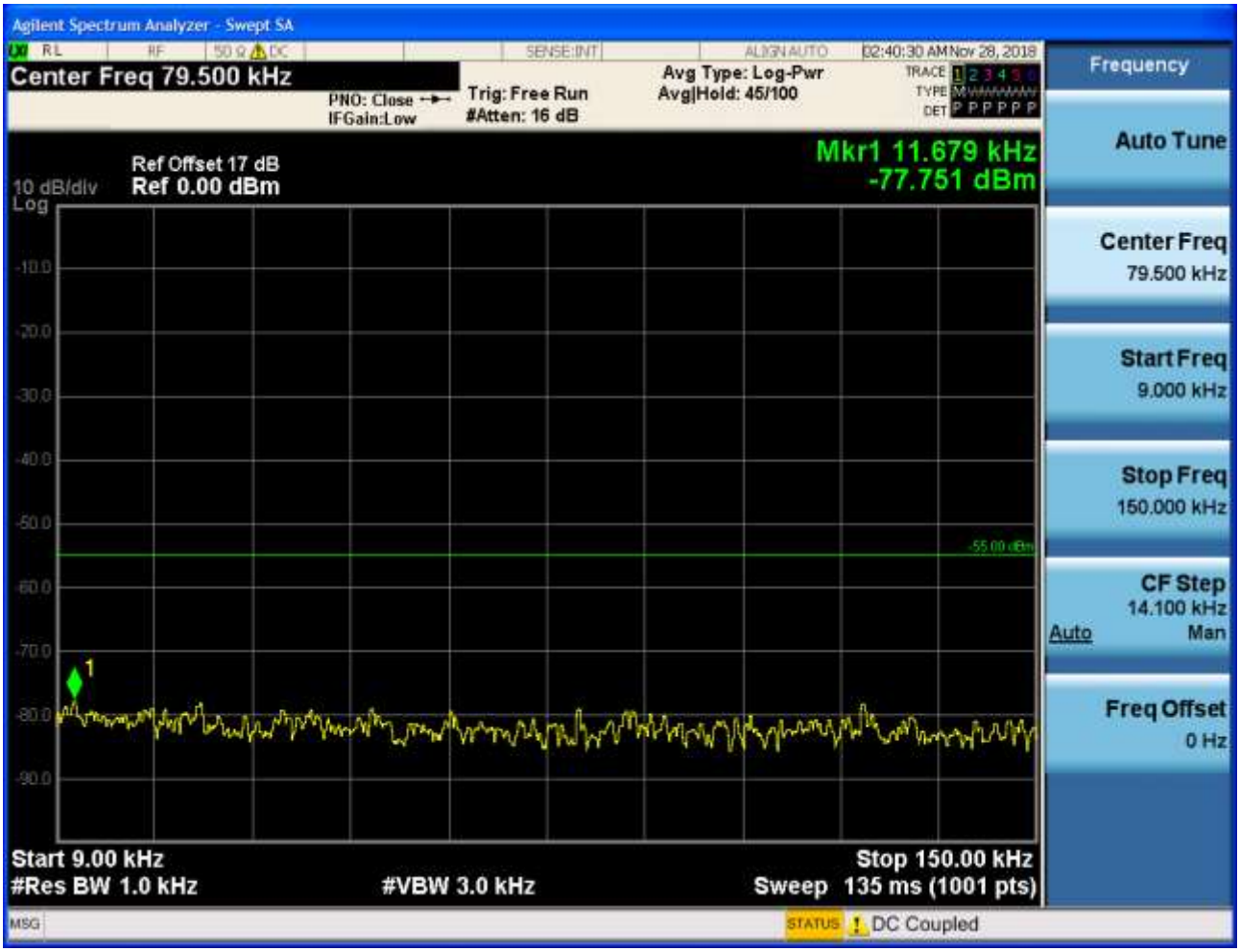
6.2.1.1.4.1.1 Test RB = RB1#0


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: 22/100
02:38:39 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 9.827 37 MHz
-53.872 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 34/100
02:38:48 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.821 4 GHz
-29.358 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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



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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: 22/100
02:40:39 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 24.812 07 MHz
-55.824 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
02:40:49 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.736 5 GHz
-29.859 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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

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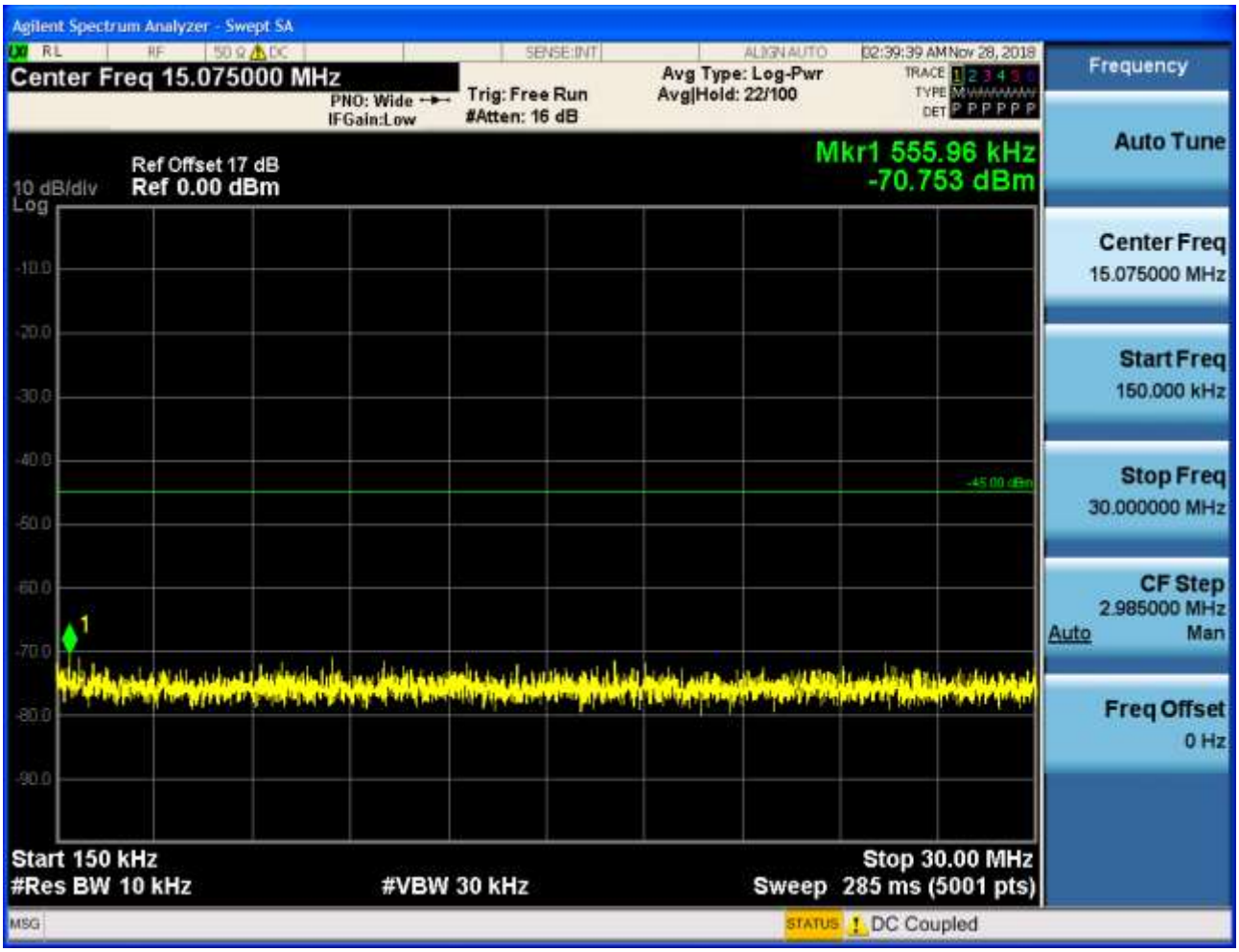

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:39:39 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 555.96 kHz
-70.753 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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

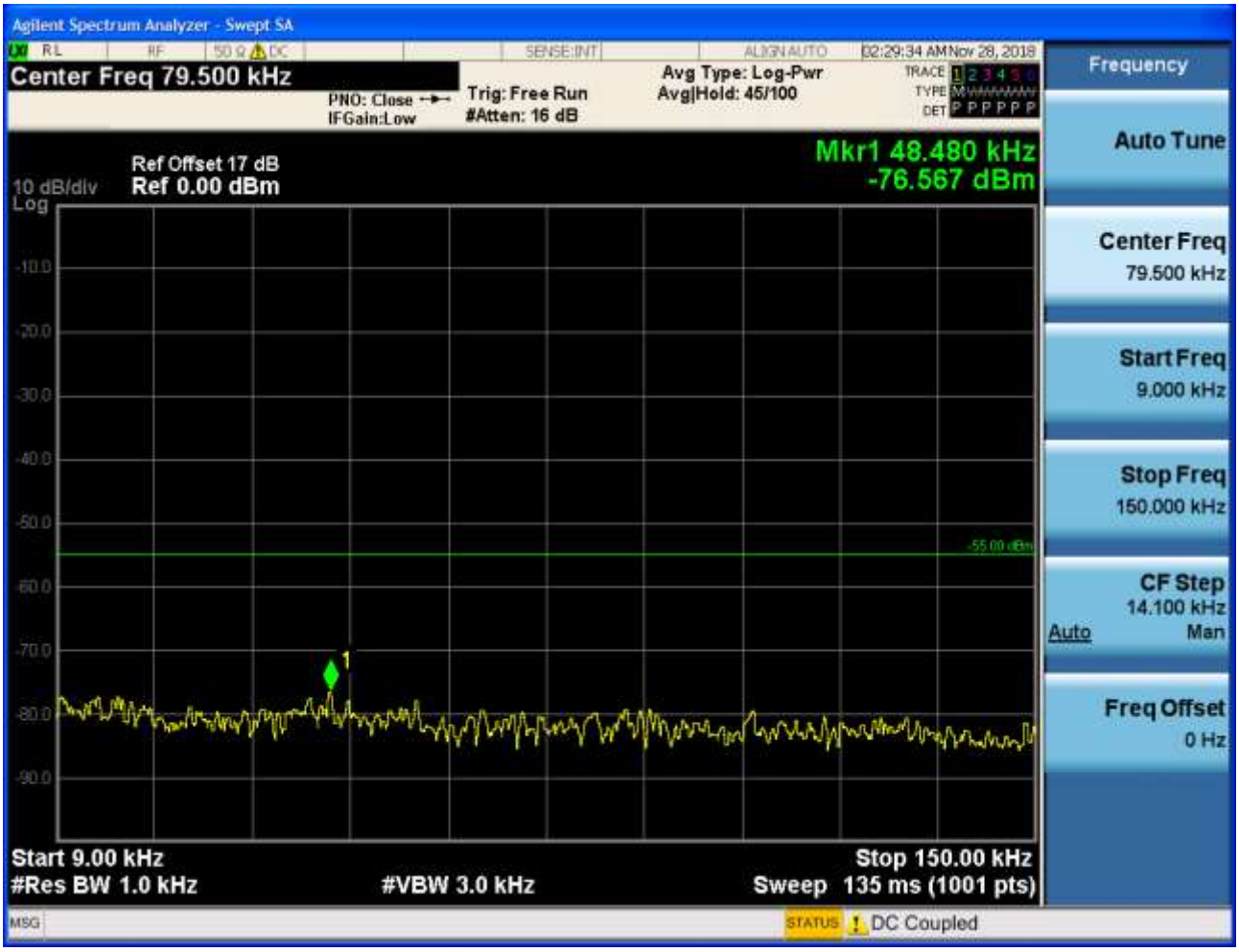
Agilent Spectrum Analyzer - Swept SA
Center Freq 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
02:39:49 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.837 6 GHz
-29.760 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz

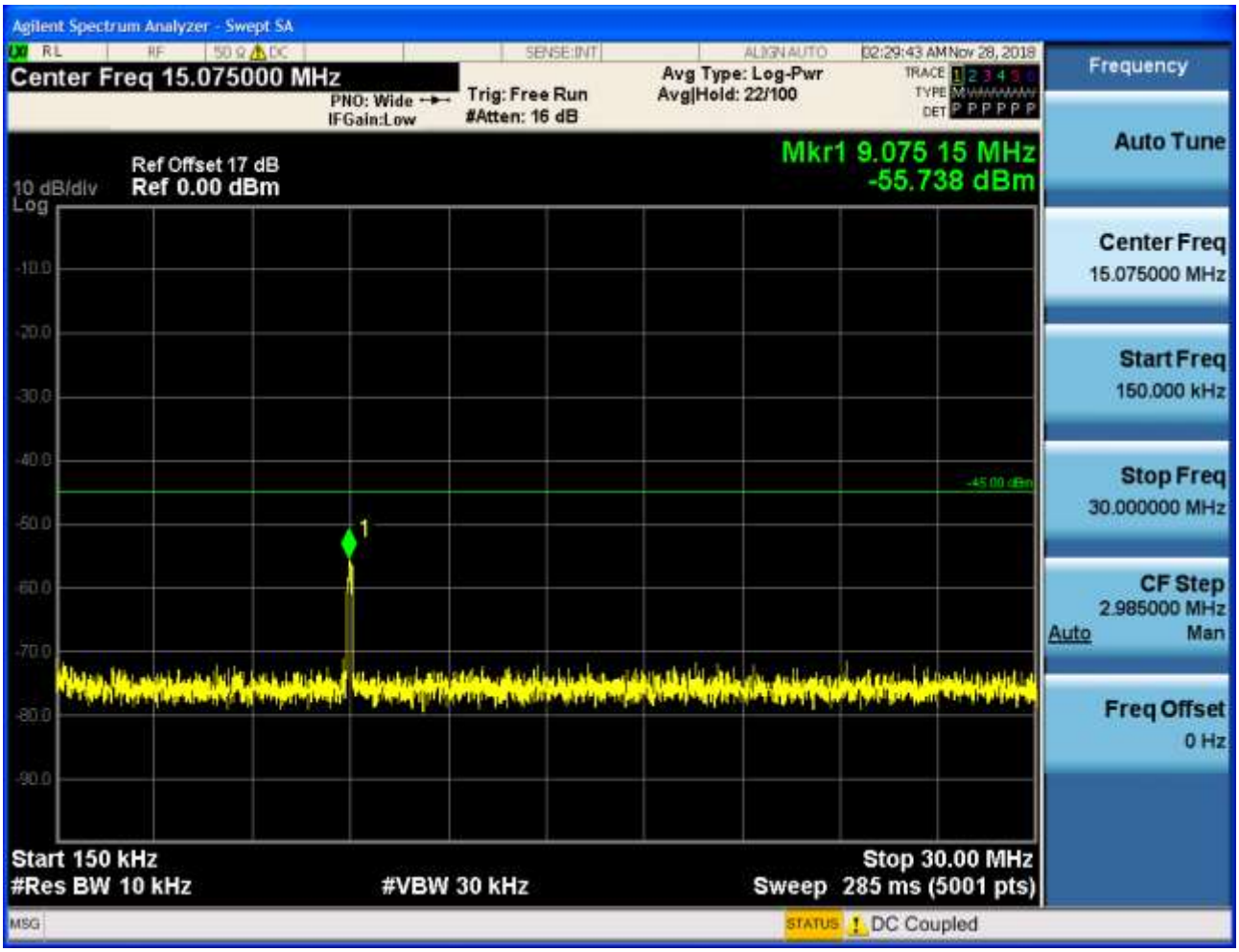
6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 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: 22/100
02:29:43 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 9.075 15 MHz
-55.738 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 35/100
02:29:53 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.452 6 GHz
-29.189 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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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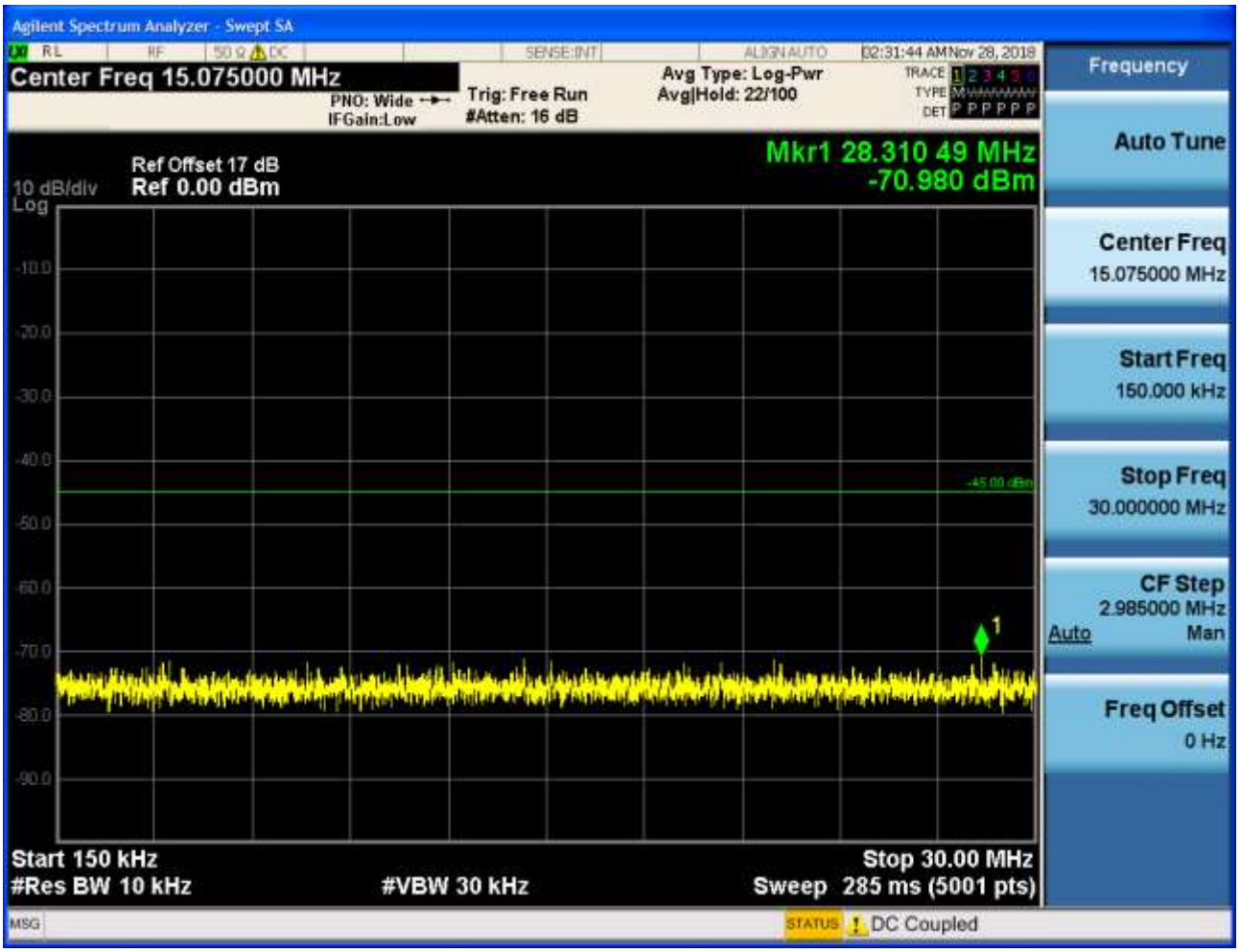
Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:31:44 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 28.310 49 MHz
-70.980 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:31:53 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.714 9 GHz
-29.902 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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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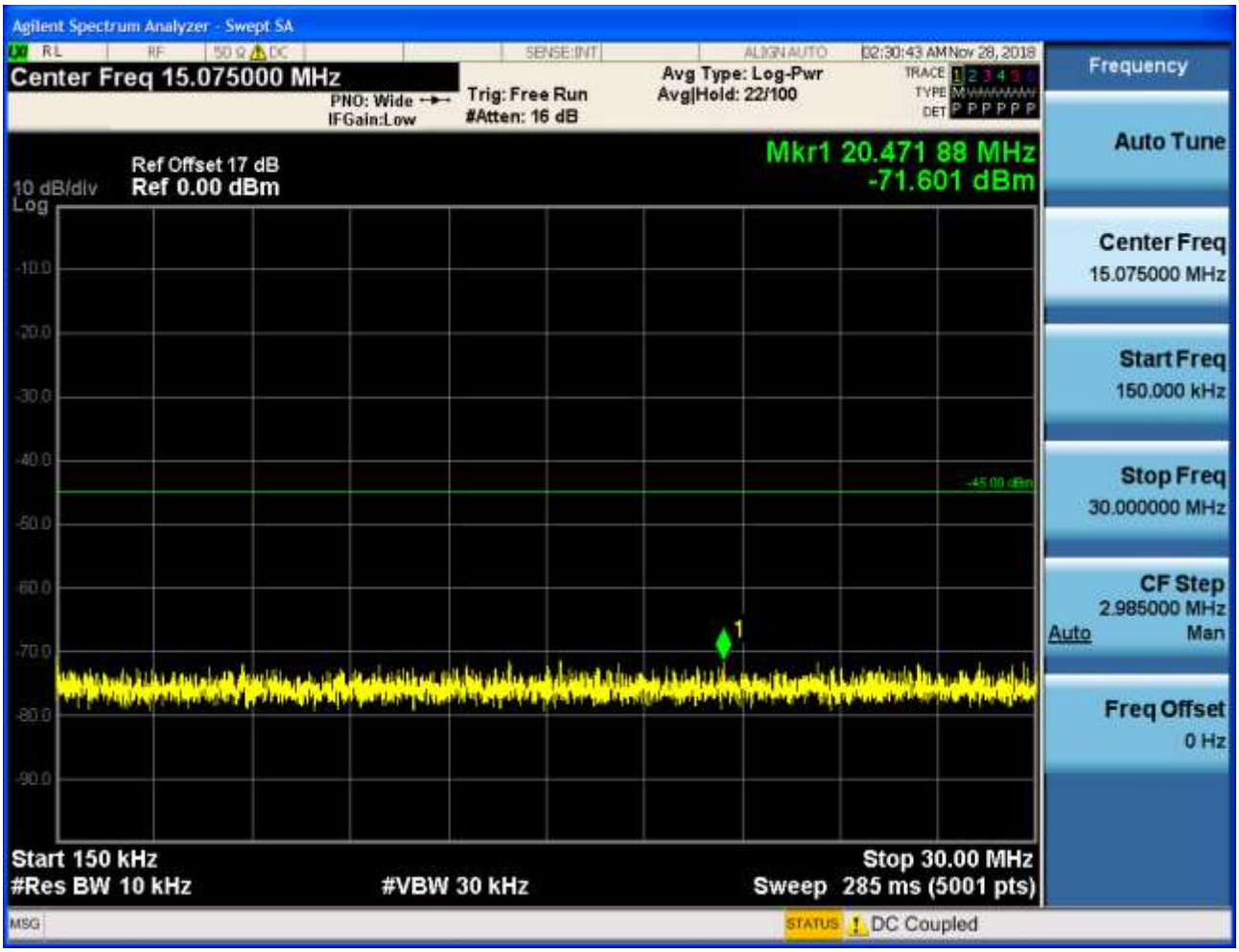

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:30:43 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 20.471 88 MHz
-71.601 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:30:53 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.492 4 GHz
-29.858 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

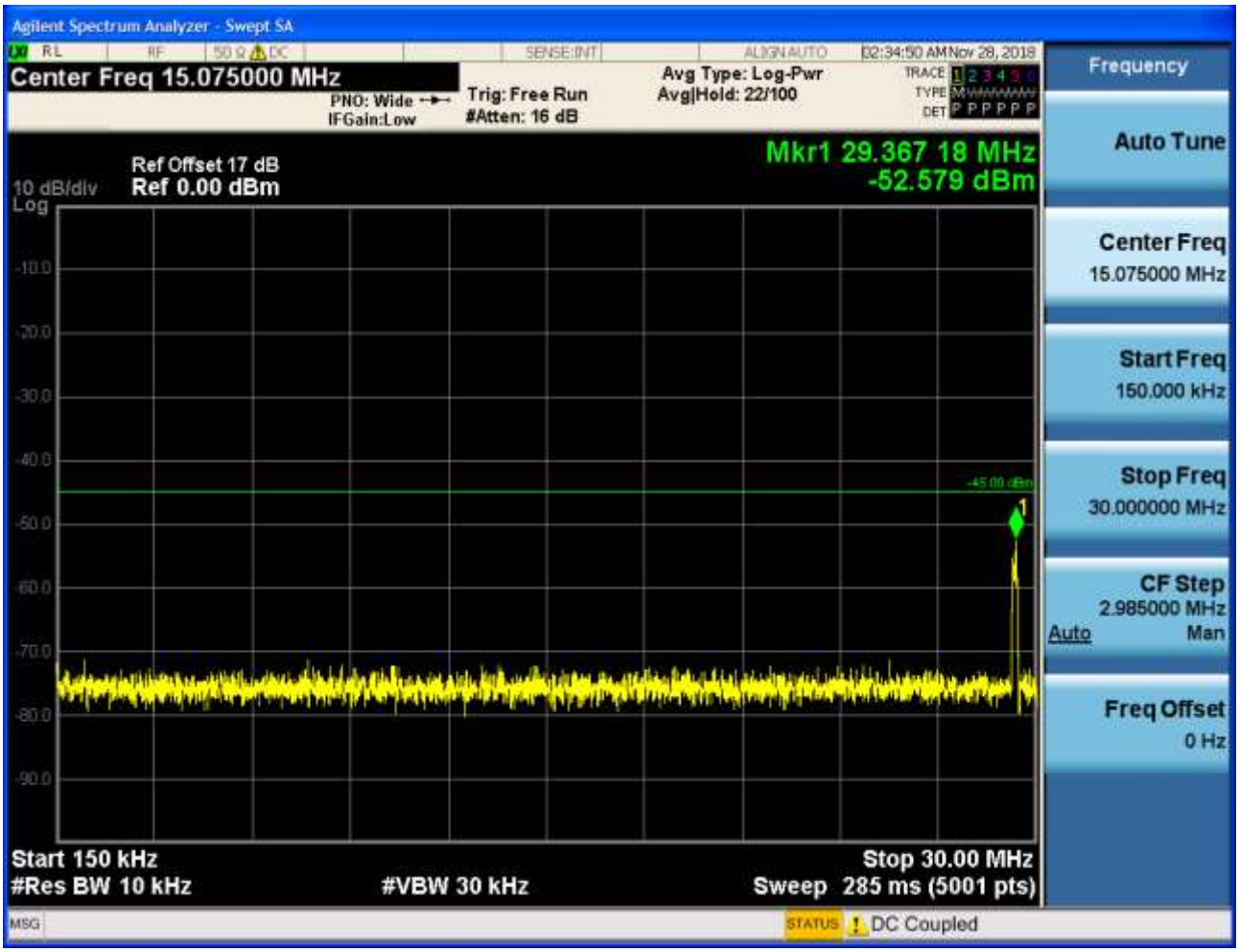
6.2.1.2.2.1.1 Test RB = RB1#0

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: 22/100
02:32:48 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 9.302 01 MHz
-52.274 dBm
-45.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 32/100
02:32:58 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.464 1 GHz
-29.631 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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: 22/100
02:34:50 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 29.367 18 MHz
-52.579 dBm
-45.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:35:00 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.439 8 GHz
-29.012 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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

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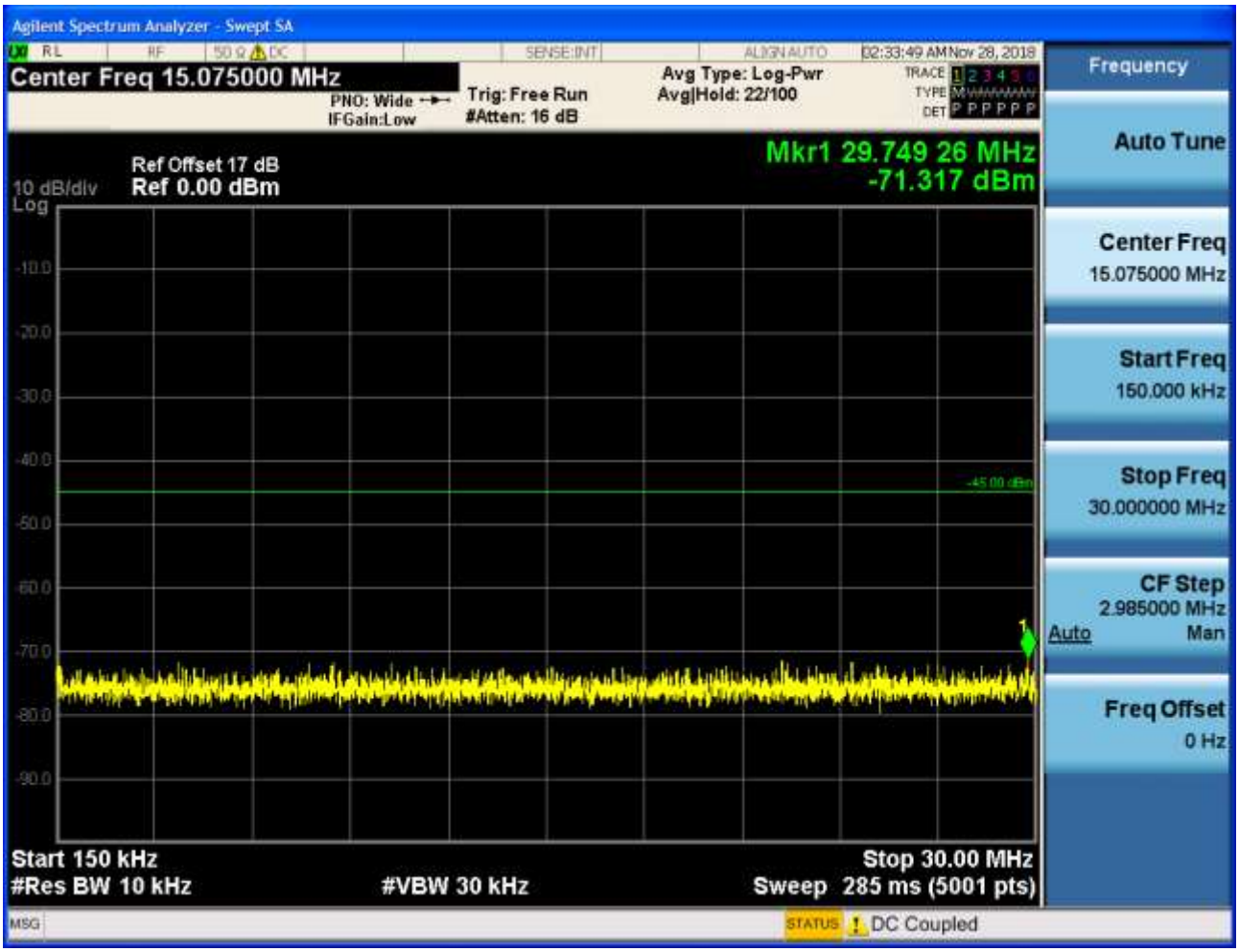
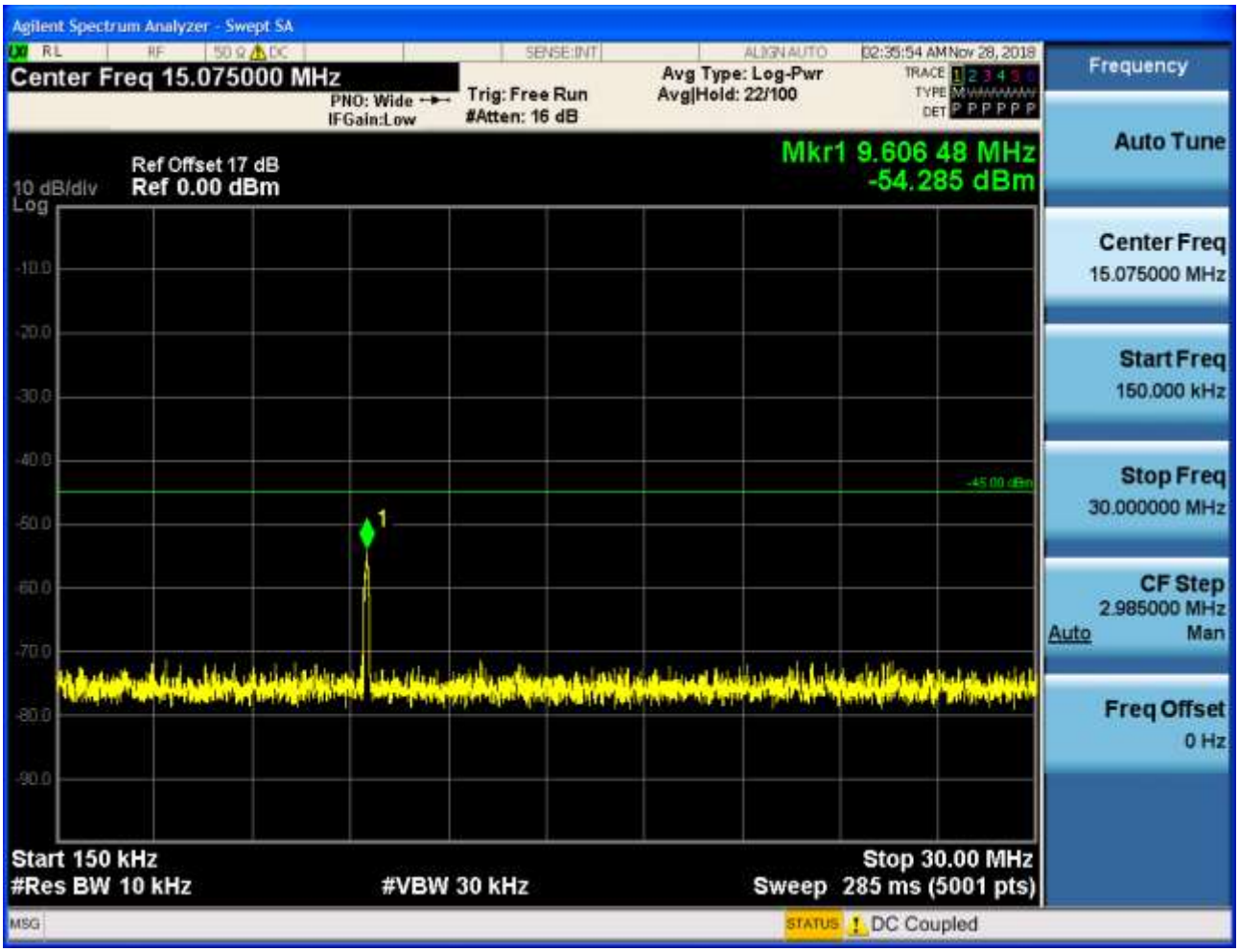

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:33:49 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 29.749 26 MHz
-71.317 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:33:59 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 26.077 0 GHz
-28.855 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

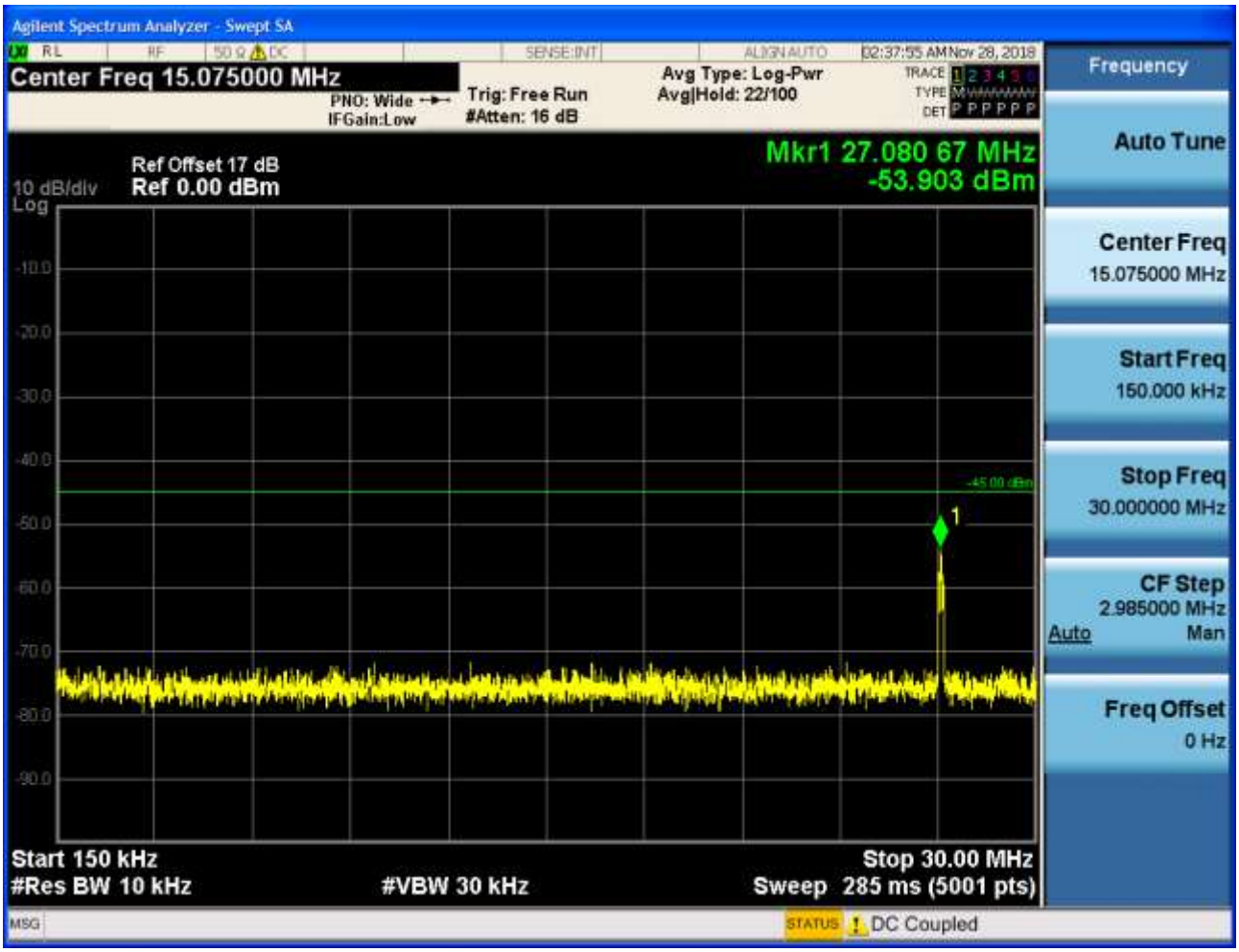
6.2.1.2.3.1.1 Test RB = RB1#0


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: 22/100
02:35:54 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 9.606 48 MHz
-54.285 dBm
-45.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 35/100
02:36:03 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.058 2 GHz
-29.489 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.3.2 Test Channel = MCH

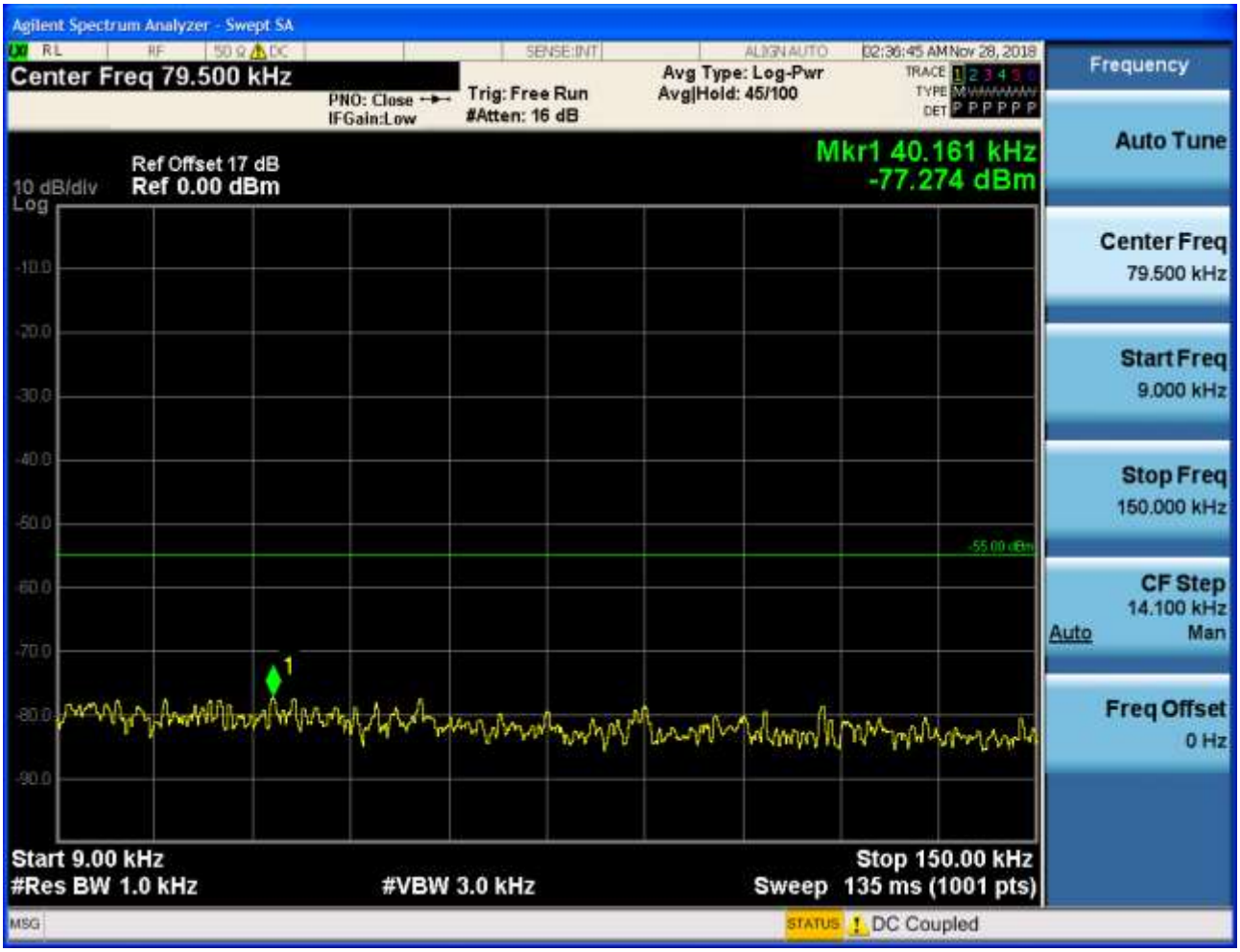
6.2.1.2.3.2.1 Test RB = RB1#0


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: 22/100
02:37:55 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 27.080 67 MHz
-53.903 dBm
-45.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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

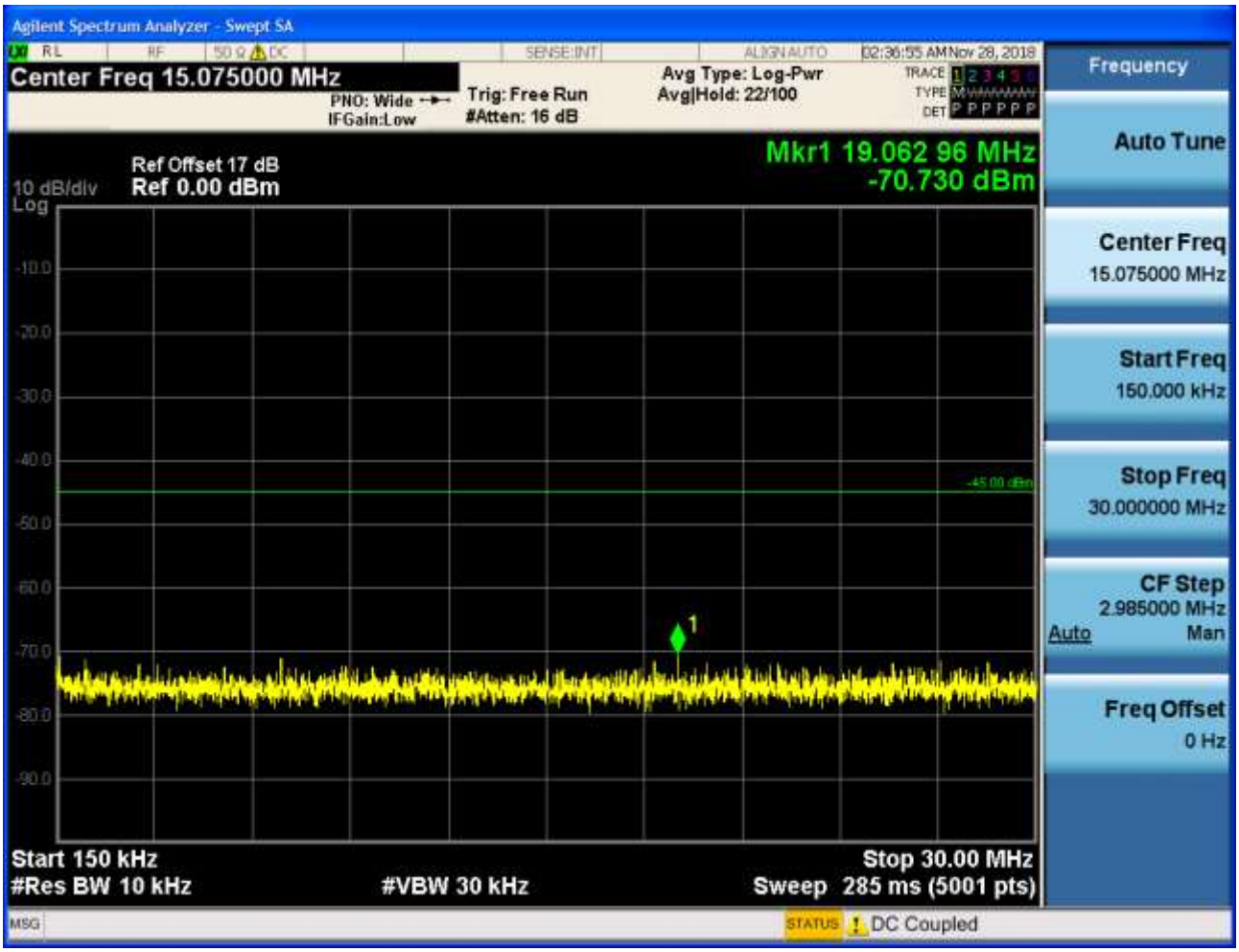
Agilent Spectrum Analyzer - Swept SA
Center Freq 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
02:38:05 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.553 1 GHz
-28.274 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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



Copyright © Huawei Technologies Co., Ltd.

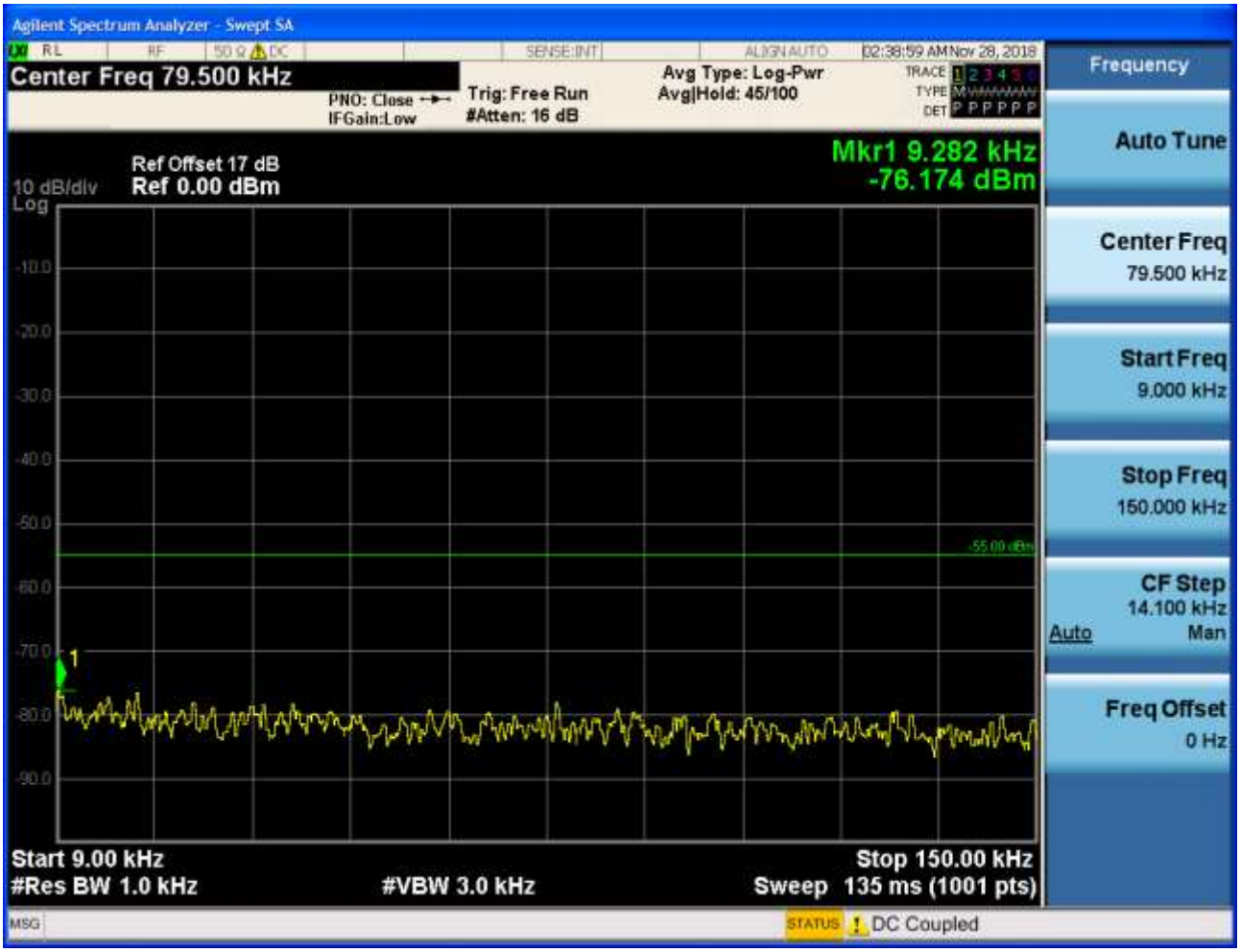

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:36:55 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 19.062 96 MHz
-70.730 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:37:04 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 24.850 5 GHz
-29.573 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

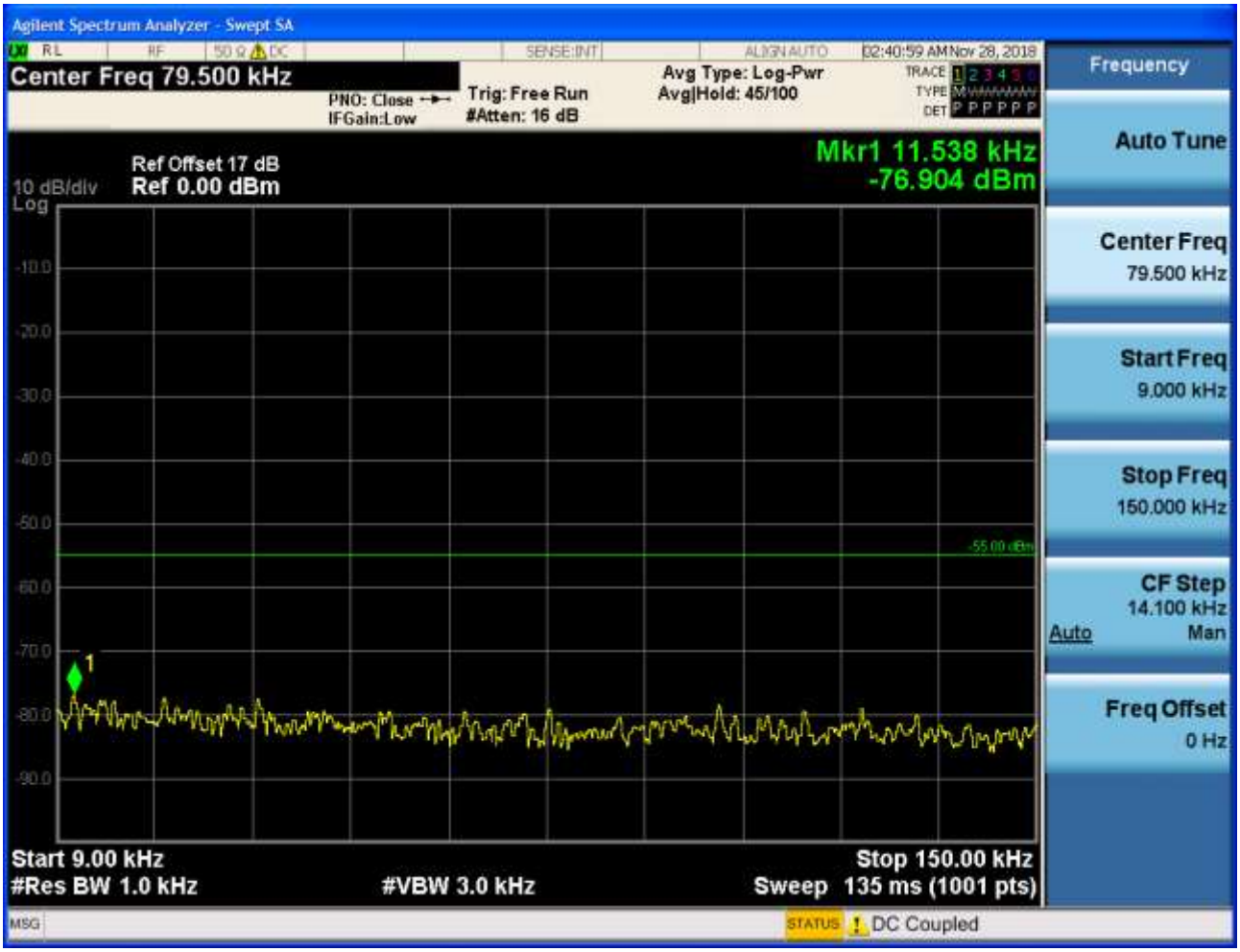


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:39:08 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 9.875 13 MHz
-55.867 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:39:18 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 24.943 5 GHz
-29.510 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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: 22/100
02:41:09 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 24.853 86 MHz
-57.080 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 35/100
02:41:18 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.509 2 GHz
-29.585 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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

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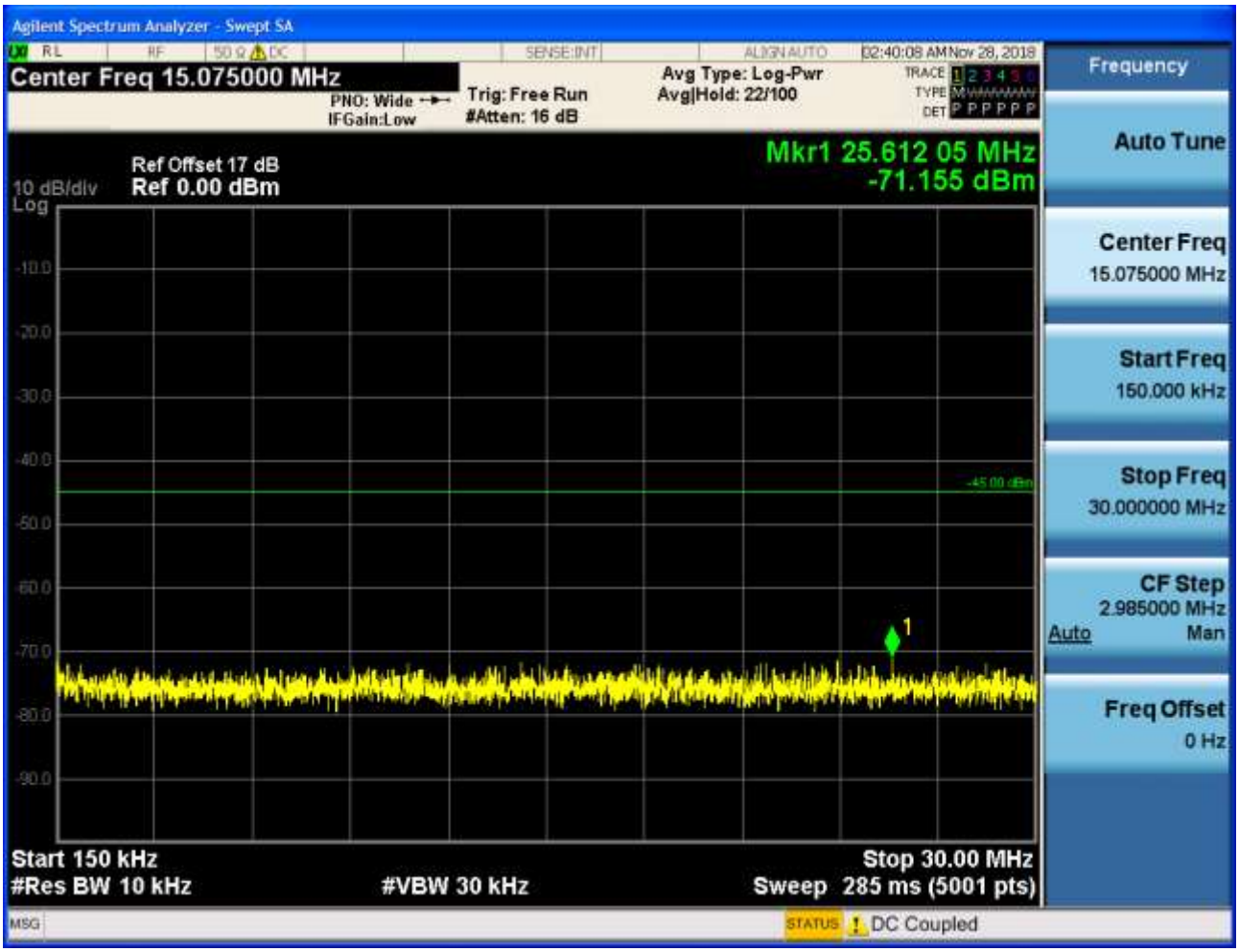
Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
02:40:08 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 25.612 05 MHz
-71.155 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
02:40:18 AM Nov 28, 2018
Ref Offset 17 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.424 3 GHz
-29.681 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 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 = Band38_ANT1

7.1.1.1 Test Bandwidth = 5

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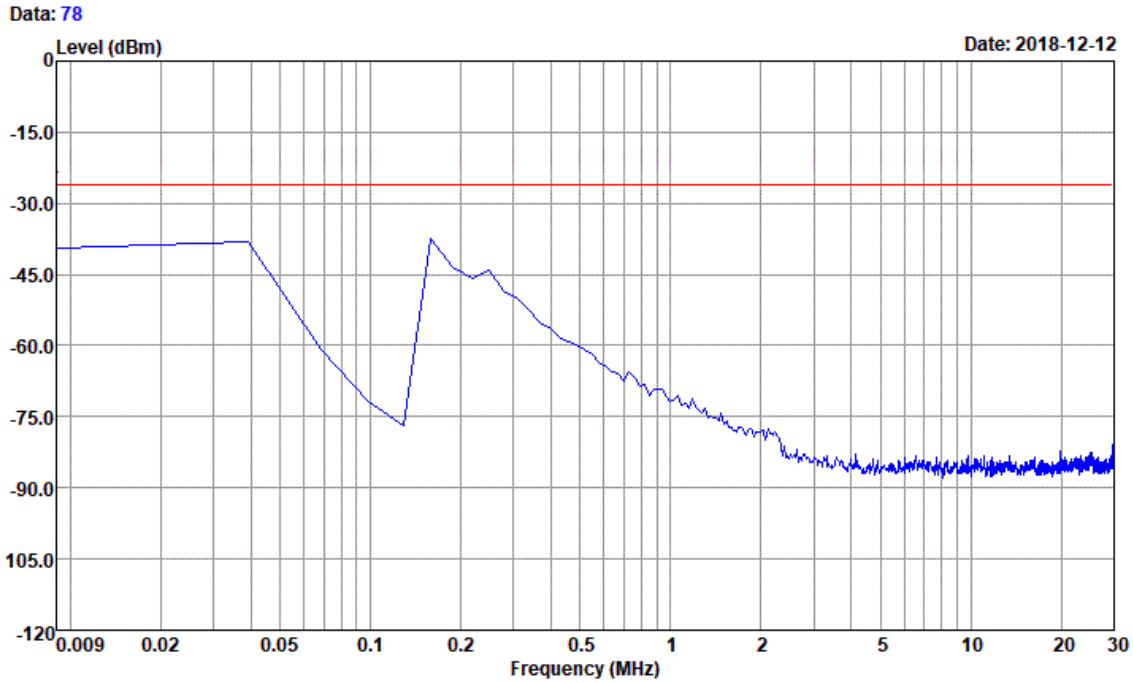


```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```


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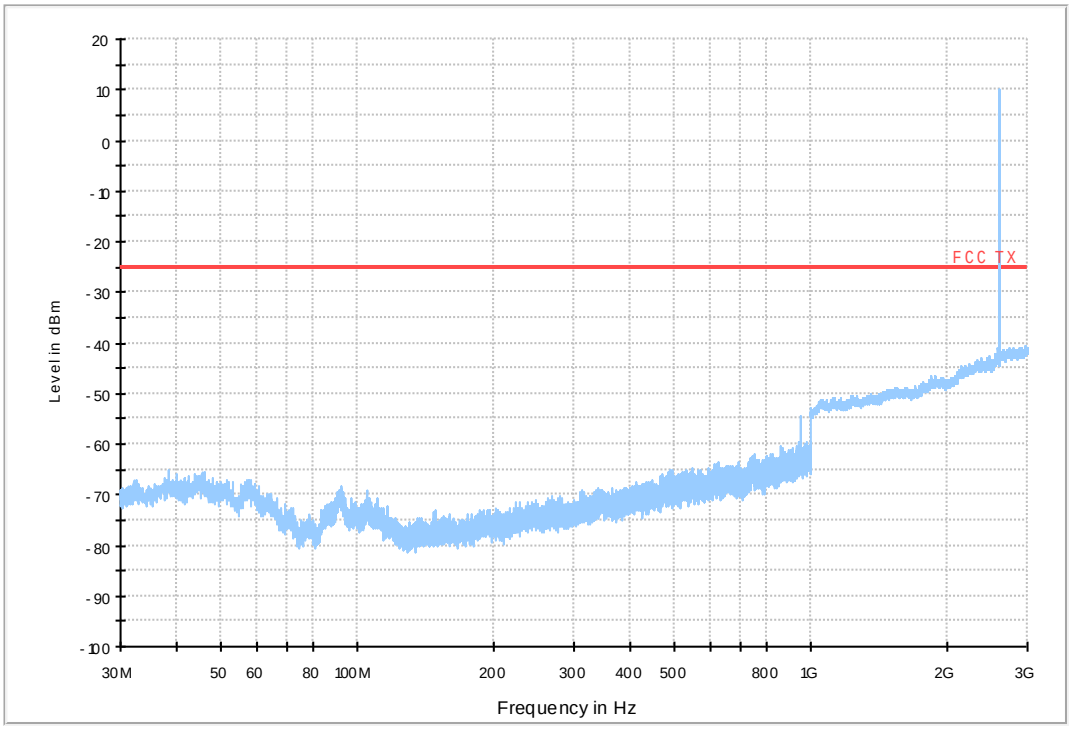
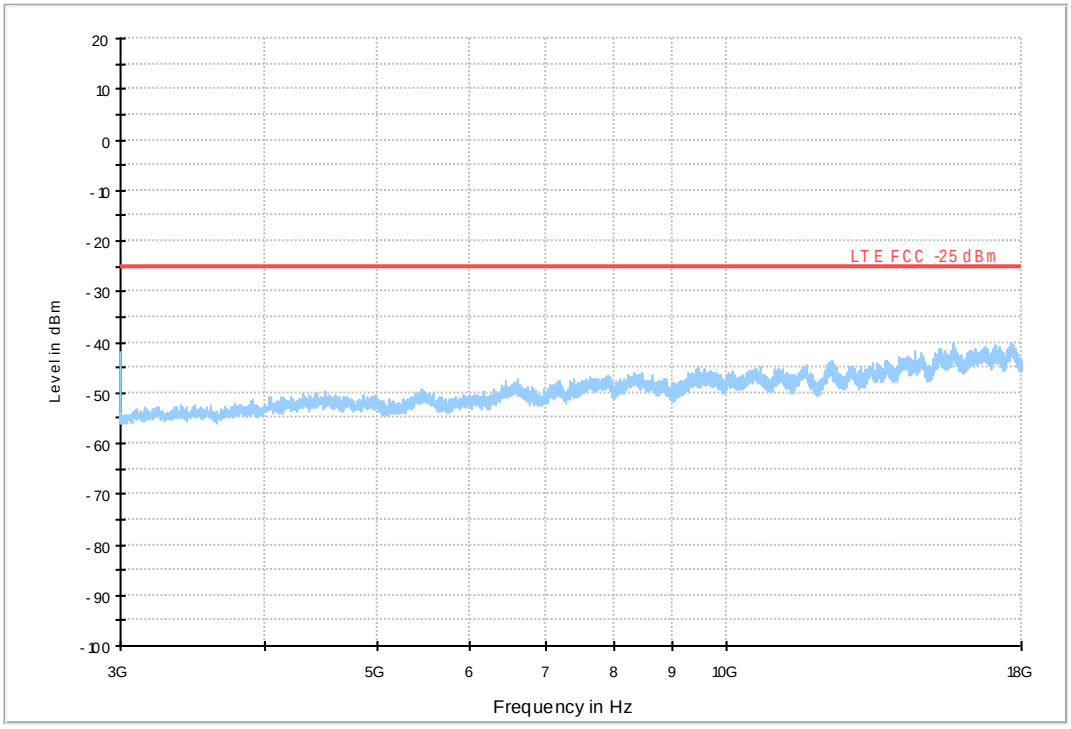
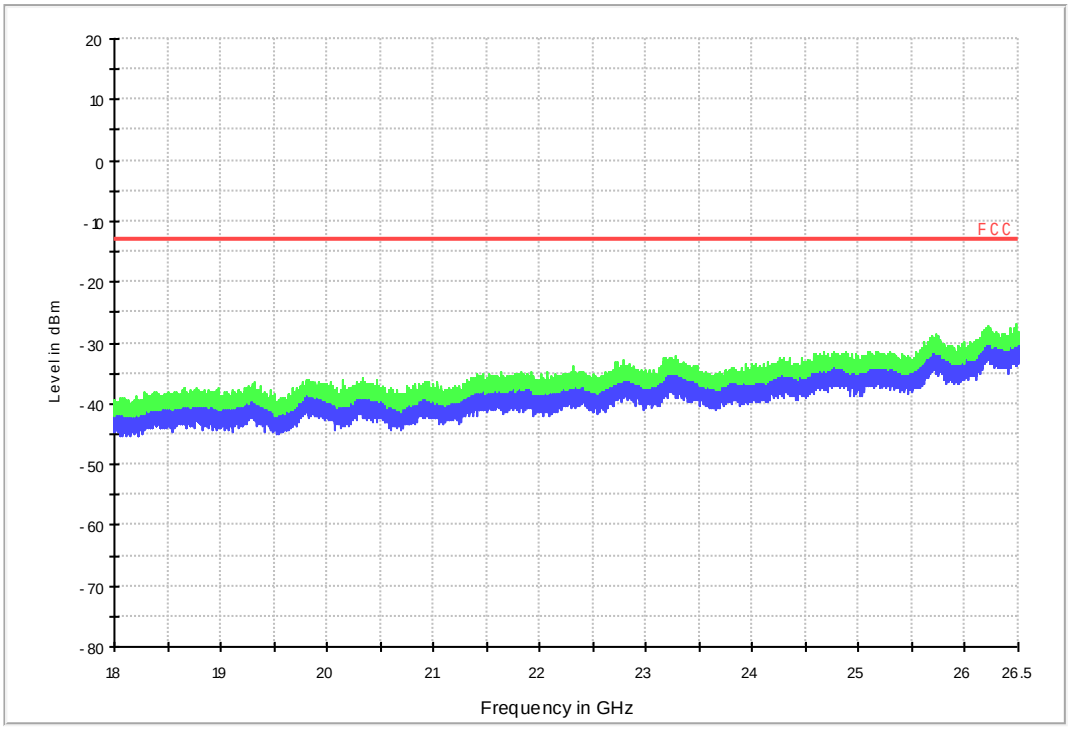
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



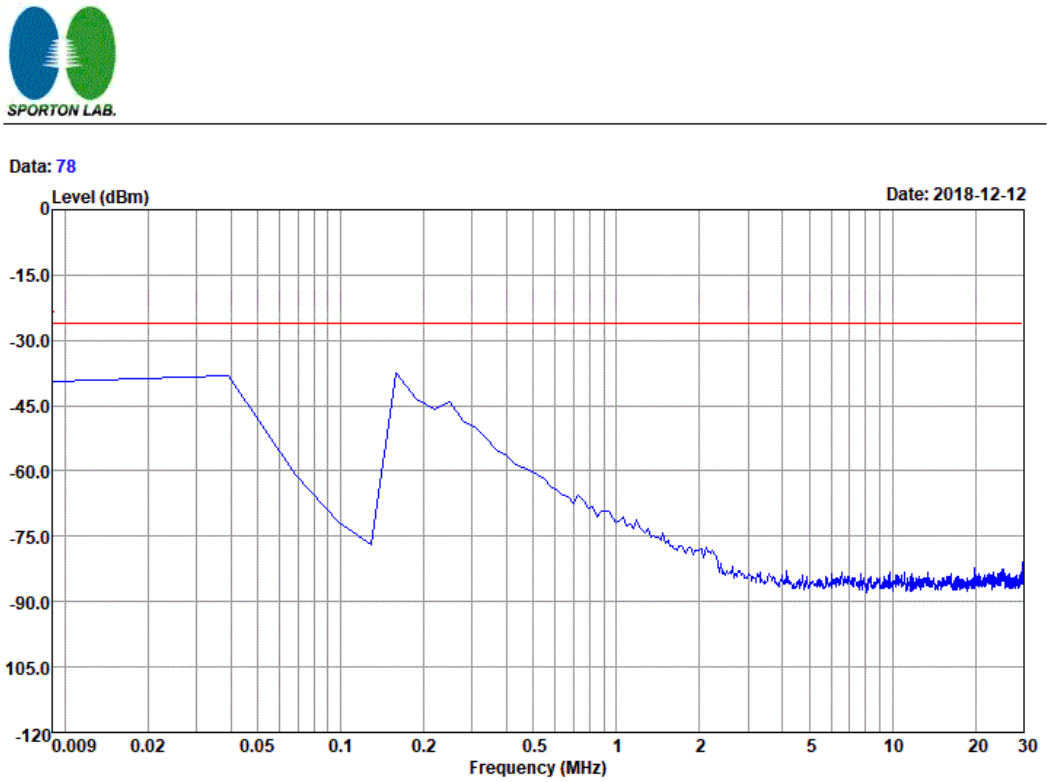
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK

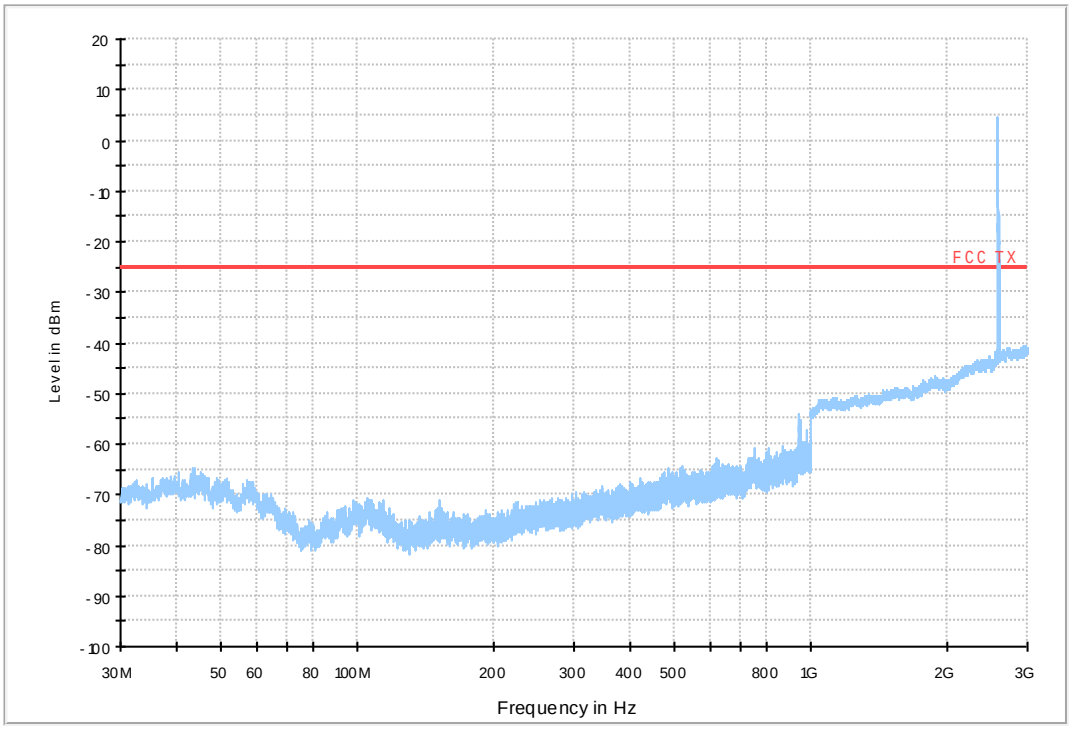


7.1.1.2 Test Bandwidth = 20

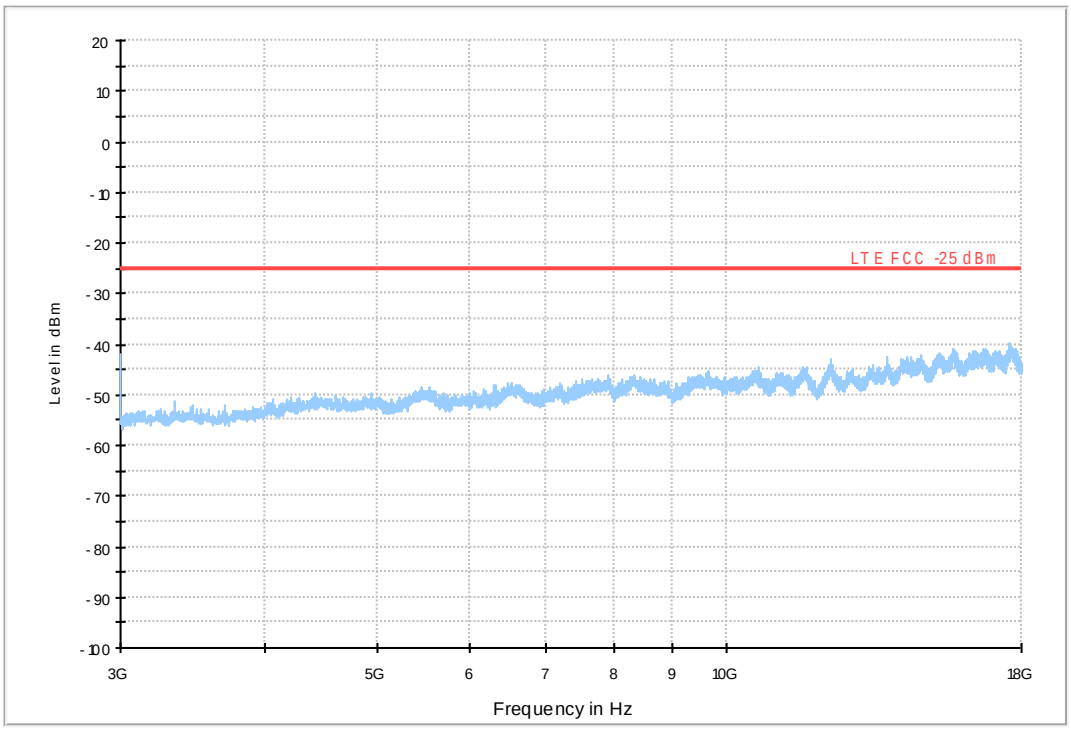



```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```

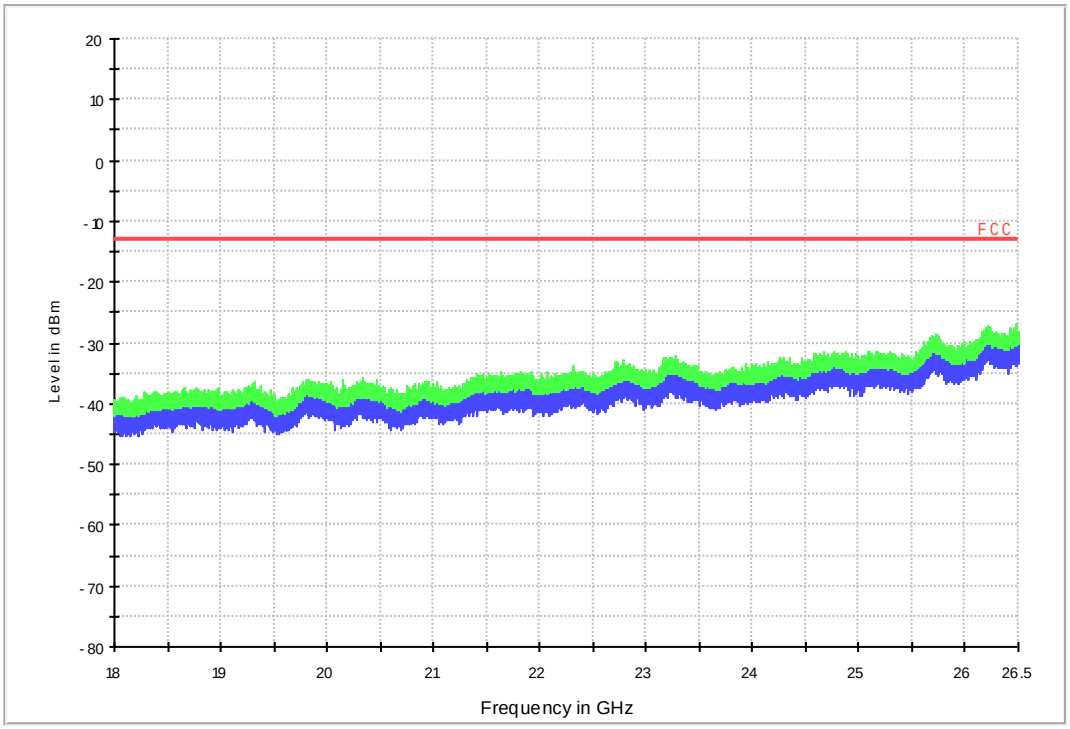
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit

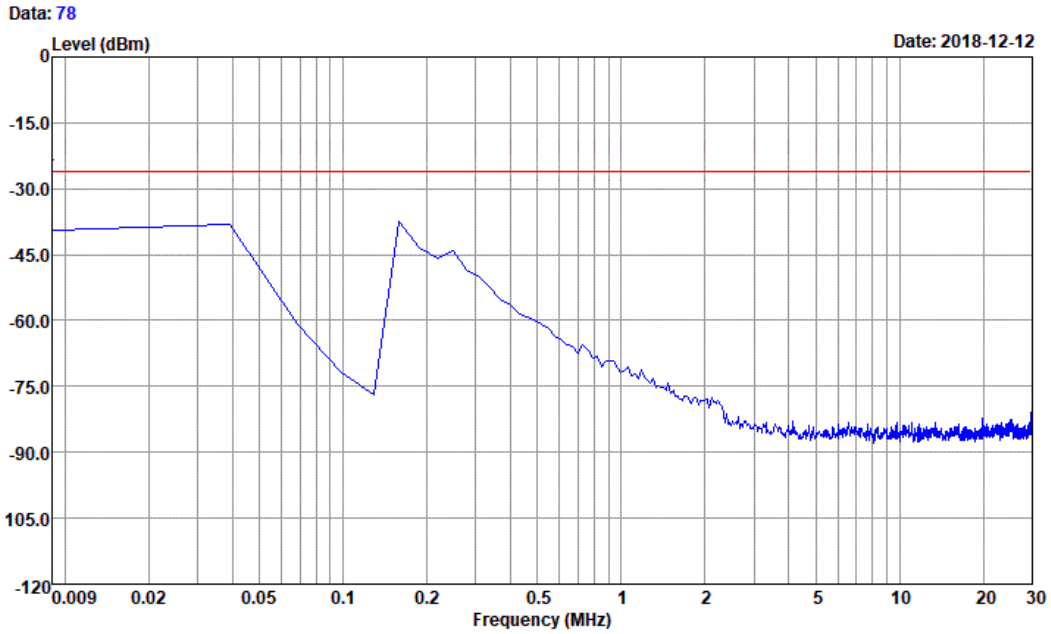


18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



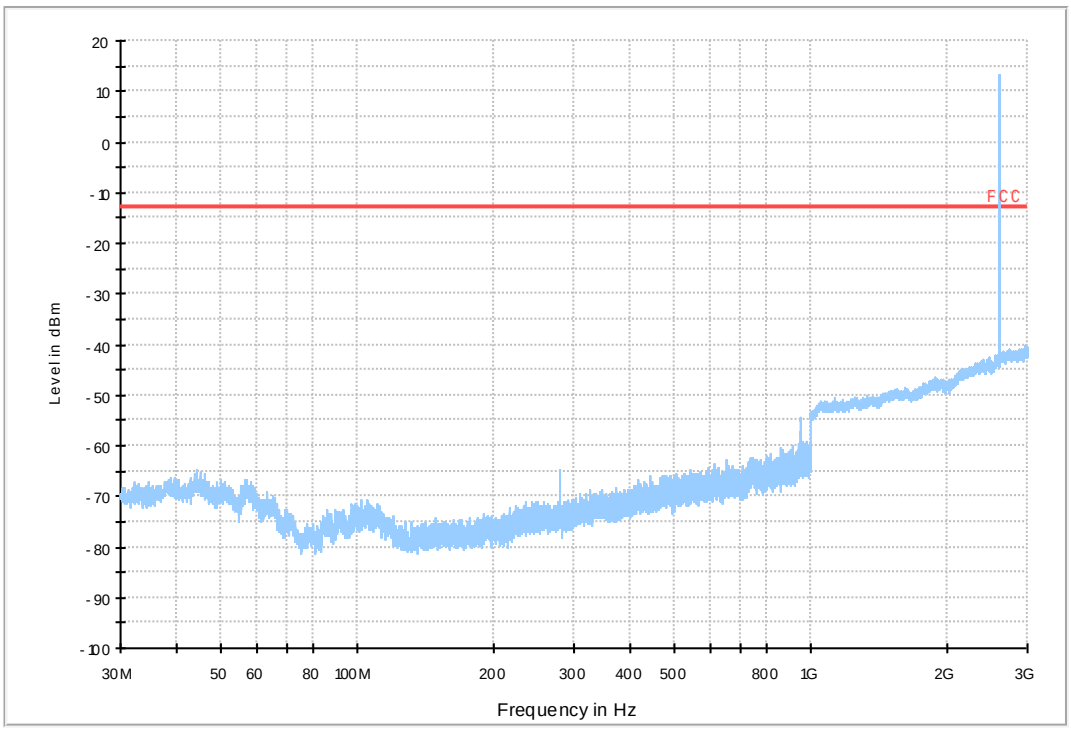
7.1.2 Test Band = Band38_ANT2

7.1.2.1 Test Bandwidth = 5

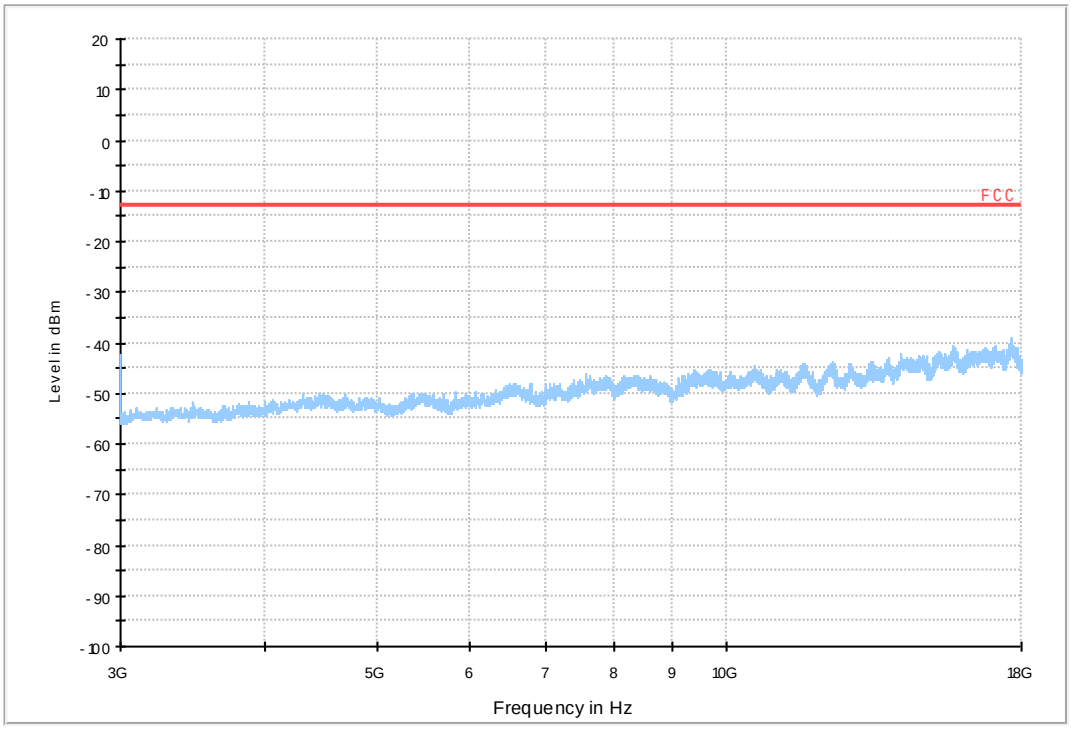



```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```

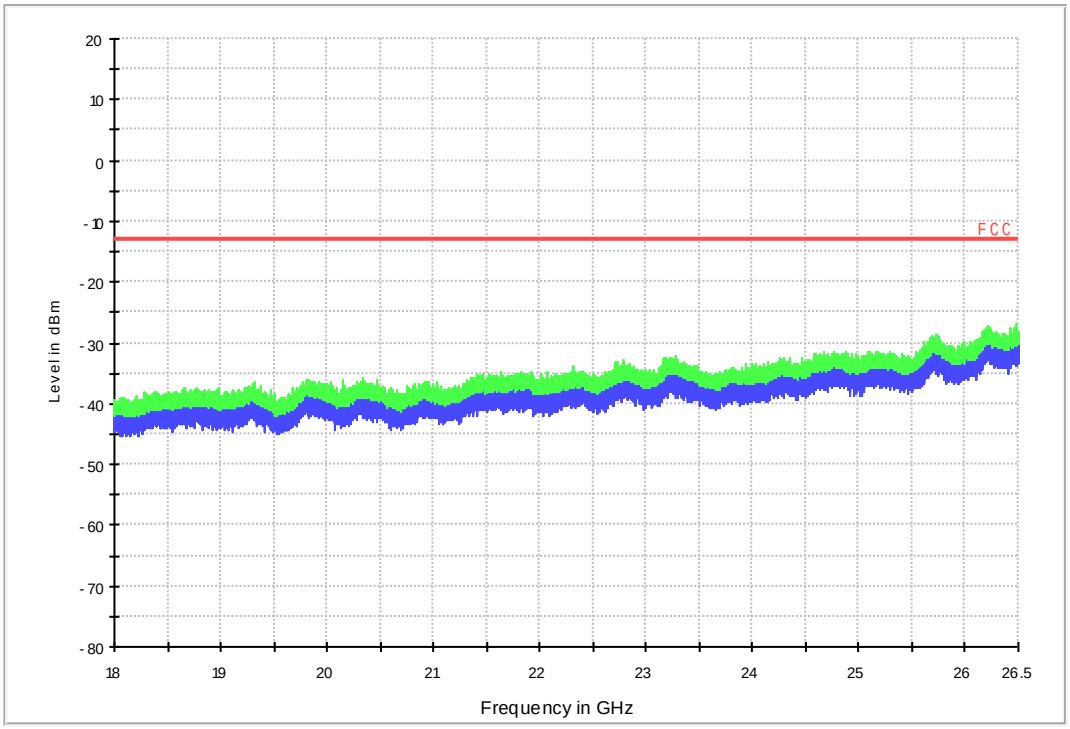
LTE TDD Band 33~Band 48 RSE-TX-DIRECTOR ABOVE 1.5G_L



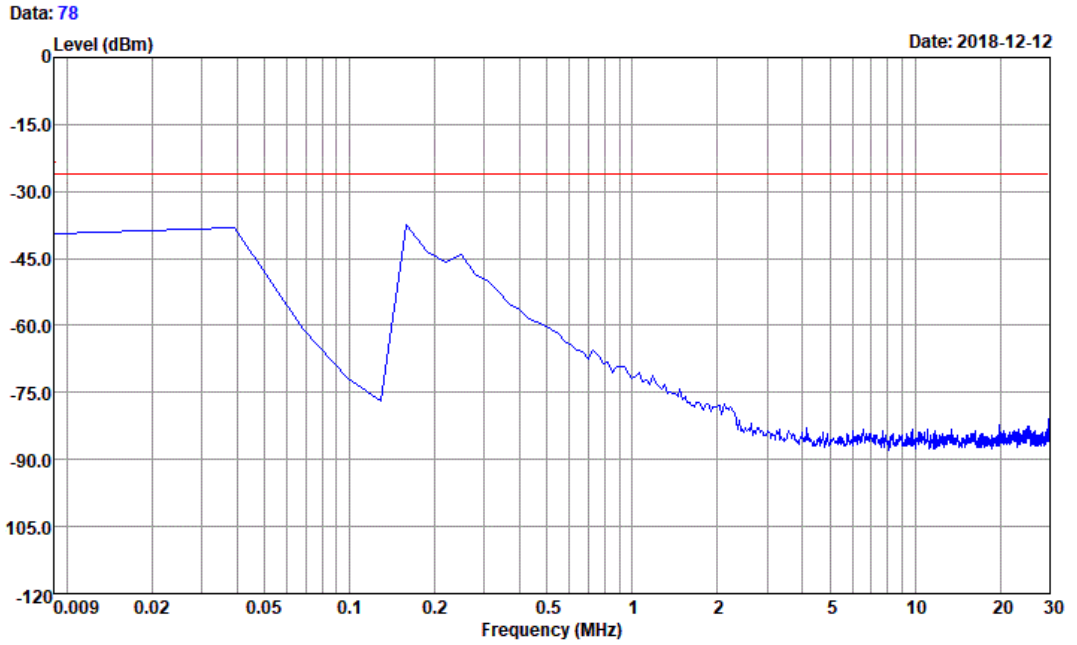
LTE TDD Band 33~band48 RSE-TX-DIRECTOR ABOVE 1.5G_H



18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK

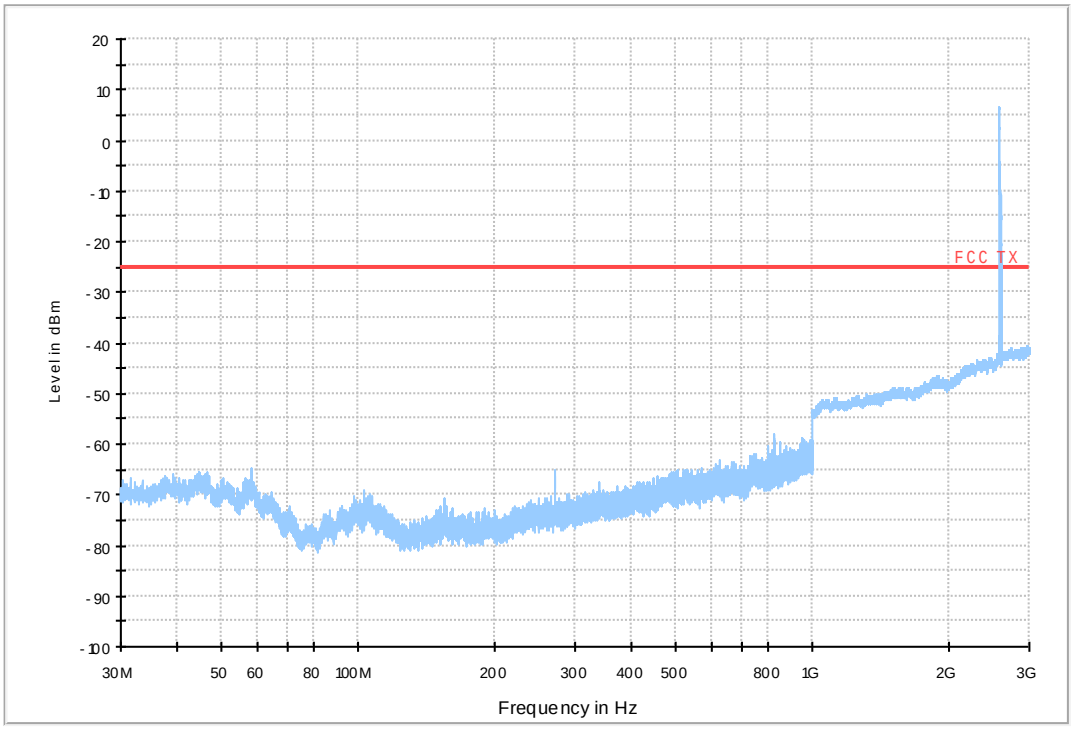


7.1.2.2 Test Bandwidth = 20

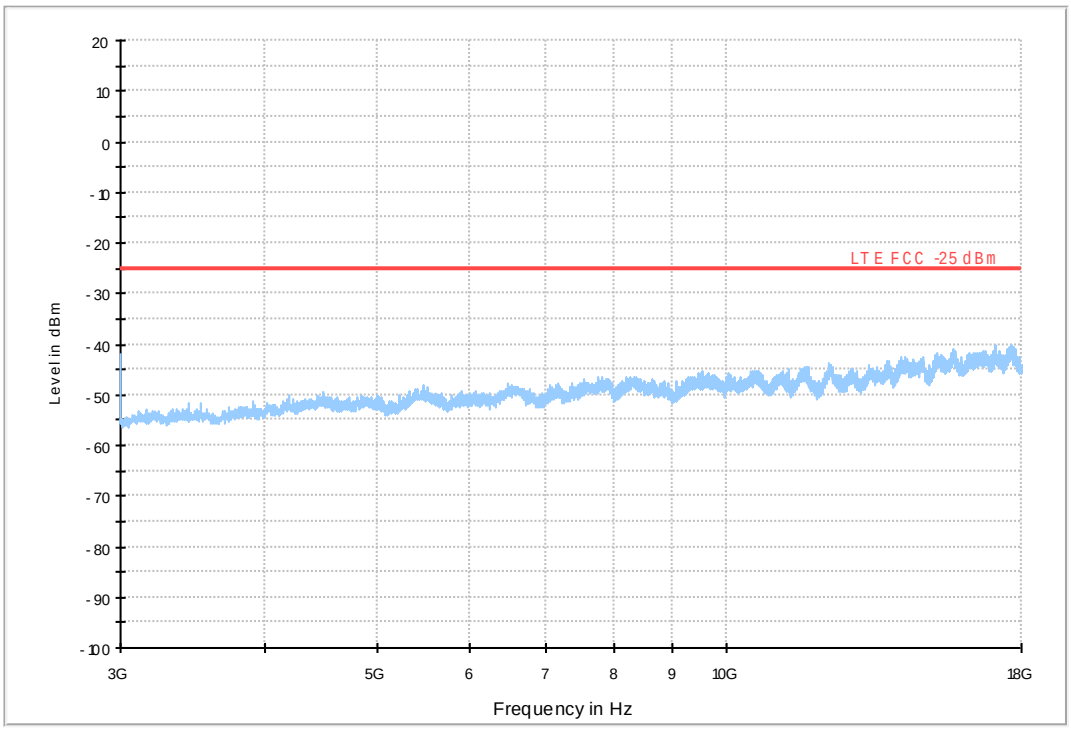



```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```

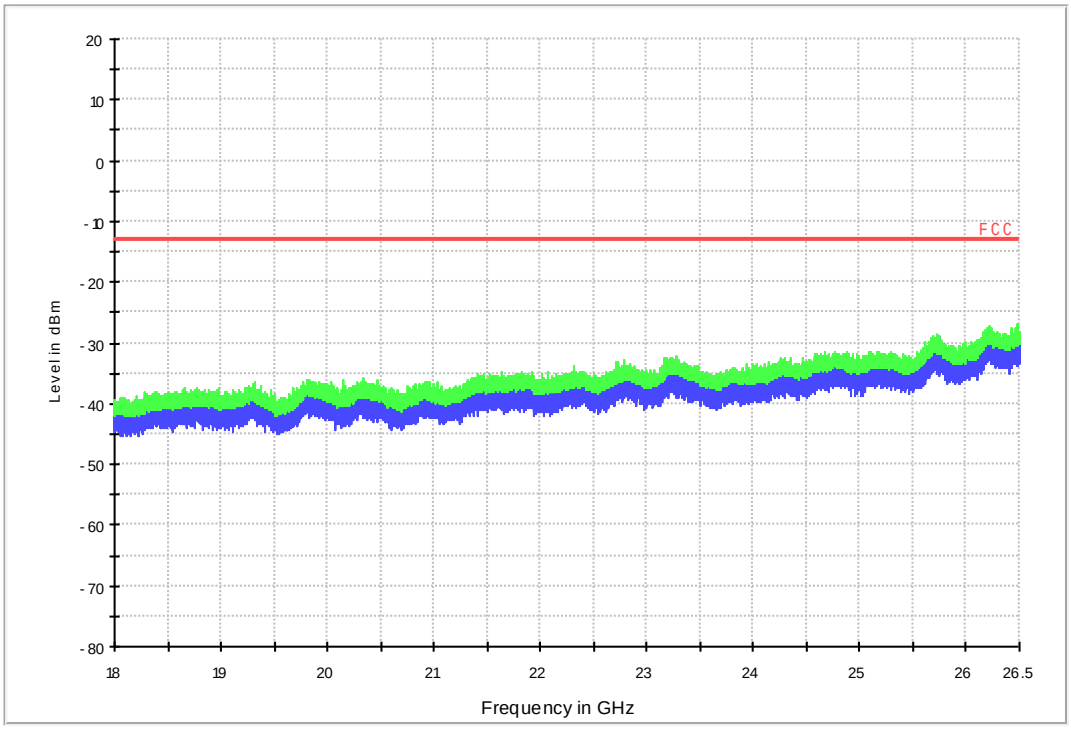
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



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
Band38	LTE/TM1	5	LCH	TN	VL	-19.89841	-0.00774	PASS
					VN	-17.85278	-0.00694	PASS
					VH	-10.55717	-0.00410	PASS
			MCH	TN	VL	-17.76695	-0.00685	PASS
					VN	-28.83911	-0.01111	PASS
					VH	-20.12730	-0.00776	PASS
			HCH	TN	VL	-16.73698	-0.00639	PASS
					VN	-21.15726	-0.00808	PASS
					VH	-23.10276	-0.00883	PASS
		10	LCH	TN	VL	-16.95156	-0.00658	PASS
					VN	-18.82553	-0.00731	PASS
					VH	-12.80308	-0.00497	PASS
			MCH	TN	VL	-17.46655	-0.00673	PASS
					VN	-24.06120	-0.00927	PASS
					VH	-17.78126	-0.00685	PASS
			HCH	TN	VL	-16.36505	-0.00626	PASS
					VN	-20.12730	-0.00770	PASS
					VH	-19.52648	-0.00747	PASS
		15	LCH	TN	VL	-16.66546	-0.00647	PASS
					VN	-16.66546	-0.00647	PASS
					VH	-14.09054	-0.00547	PASS
			MCH	TN	VL	-18.11028	-0.00698	PASS
					VN	-14.90593	-0.00574	PASS
					VH	-18.28194	-0.00705	PASS
			HCH	TN	VL	-17.56668	-0.00672	PASS
					VN	-16.89434	-0.00647	PASS
					VH	-12.93182	-0.00495	PASS
		20	LCH	TN	VL	-18.08167	-0.00701	PASS
					VN	-17.16614	-0.00665	PASS
					VH	-14.70566	-0.00570	PASS
			MCH	TN	VL	-20.08438	-0.00774	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	-18.48221	-0.00712	PASS
					VH	-17.69543	-0.00682	PASS
			HCH	TN	VL	-18.15319	-0.00696	PASS
					VN	-17.19475	-0.00659	PASS
					VH	-14.51969	-0.00556	PASS
	LTE/TM2	5	LCH	TN	VL	-17.52377	-0.00681	PASS
					VN	-20.79964	-0.00809	PASS
					VH	-21.88683	-0.00851	PASS
			MCH	TN	VL	-17.99583	-0.00693	PASS
					VN	-13.41820	-0.00517	PASS
					VH	-20.32757	-0.00783	PASS
			HCH	TN	VL	-19.35482	-0.00739	PASS
					VN	-23.03123	-0.00880	PASS
					VH	-20.85686	-0.00797	PASS
		10	LCH	TN	VL	-14.74857	-0.00573	PASS
					VN	-17.78126	-0.00691	PASS
					VH	-13.03196	-0.00506	PASS
			MCH	TN	VL	-11.58714	-0.00447	PASS
					VN	-17.38071	-0.00670	PASS
					VH	-15.60688	-0.00601	PASS
			HCH	TN	VL	-14.41956	-0.00551	PASS
					VN	-17.95292	-0.00687	PASS
					VH	-20.07008	-0.00767	PASS
		15	LCH	TN	VL	-15.37800	-0.00597	PASS
					VN	-18.03875	-0.00700	PASS
					VH	-16.43658	-0.00638	PASS
			MCH	TN	VL	-14.01901	-0.00540	PASS
					VN	-19.15455	-0.00738	PASS
					VH	-18.01014	-0.00694	PASS
			HCH	TN	VL	-12.47406	-0.00477	PASS
					VN	-13.64708	-0.00522	PASS
					VH	-18.01014	-0.00689	PASS
		20	LCH	TN	VL	-15.89298	-0.00616	PASS
					VN	-18.75401	-0.00727	PASS
					VH	-16.10756	-0.00624	PASS
			MCH	TN	VL	-16.33644	-0.00630	PASS
					VN	-19.34052	-0.00745	PASS
					VH	-18.39638	-0.00709	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	-13.03196	-0.00499	PASS
					VN	-16.45088	-0.00630	PASS
					VH	-17.66682	-0.00677	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
Band38	LTE/TM1	5	LCH	VN	-30	-19.38343	-0.00753	PASS
					-20	-17.22336	-0.00670	PASS
					-10	-20.39909	-0.00793	PASS
					0	-14.57691	-0.00567	PASS
					10	-16.43658	-0.00639	PASS
					20	-17.85278	-0.00694	PASS
					30	-18.99719	-0.00738	PASS
					40	-60.28175	-0.02343	PASS
					50	-19.39774	-0.00754	PASS
			MCH	VN	-30	-25.37727	-0.00978	PASS
					-20	-23.20290	-0.00894	PASS
					-10	-27.59457	-0.01063	PASS
					0	-22.60208	-0.00871	PASS
					10	-23.68927	-0.00913	PASS
					20	-28.83911	-0.01111	PASS
					30	-20.44201	-0.00788	PASS
					40	-21.67225	-0.00835	PASS
					50	-24.79076	-0.00955	PASS
			HCH	VN	-30	-21.08574	-0.00806	PASS
					-20	-25.79212	-0.00985	PASS
					-10	-36.32069	-0.01388	PASS
					0	-27.93789	-0.01067	PASS
					10	-26.04961	-0.00995	PASS
					20	-21.15726	-0.00808	PASS
					30	-17.91000	-0.00684	PASS
					40	-30.84183	-0.01178	PASS
					50	-17.38071	-0.00670	PASS
		10	LCH	VN	-30	-13.00335	-0.00505	PASS
					-20	-12.90321	-0.00501	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	-26.27850	-0.01021	PASS
					0	-13.64708	-0.00530	PASS
					10	-20.31326	-0.00789	PASS
					20	-18.82553	-0.00731	PASS
					30	-18.63956	-0.00724	PASS
					40	-21.35754	-0.00829	PASS
					50	-18.89706	-0.00734	PASS
			MCH	VN	-30	-15.56396	-0.00600	PASS
					-20	-18.18180	-0.00701	PASS
					-10	-38.15174	-0.01470	PASS
					0	-16.09325	-0.00620	PASS
					10	-17.08031	-0.00658	PASS
					20	-24.06120	-0.00927	PASS
					30	-17.38071	-0.00670	PASS
					40	-16.27922	-0.00627	PASS
					50	-22.51625	-0.00868	PASS
			HCH	VN	-30	-7.52449	-0.00288	PASS
					-20	-24.51897	-0.00938	PASS
					-10	-20.98560	-0.00803	PASS
					0	-20.47062	-0.00783	PASS
					10	-22.40181	-0.00857	PASS
					20	-20.12730	-0.00770	PASS
					30	-18.55373	-0.00710	PASS
					40	-14.27650	-0.00546	PASS
					50	-19.19746	-0.00734	PASS
		15	LCH	VN	-30	-17.96722	-0.00697	PASS
					-20	-16.63685	-0.00645	PASS
					-10	-16.06464	-0.00623	PASS
					0	-15.83576	-0.00614	PASS
					10	-13.61847	-0.00528	PASS
					20	-16.66546	-0.00647	PASS
					30	-14.56261	-0.00565	PASS
					40	-15.99312	-0.00620	PASS
					50	-19.12594	-0.00742	PASS
			MCH	VN	-30	-18.52512	-0.00714	PASS
					-20	-16.35075	-0.00630	PASS
					-10	-16.95156	-0.00653	PASS
					0	-17.85278	-0.00688	PASS
					10	-14.64844	-0.00564	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	-14.90593	-0.00574	PASS
					30	-17.62390	-0.00679	PASS
					40	-20.07008	-0.00773	PASS
					50	-20.09869	-0.00775	PASS
			HCH	VN	-30	-17.53807	-0.00671	PASS
					-20	-22.78805	-0.00872	PASS
					-10	-16.02173	-0.00613	PASS
					0	-19.35482	-0.00741	PASS
					10	-19.38343	-0.00742	PASS
					20	-16.89434	-0.00647	PASS
					30	-17.91000	-0.00686	PASS
					40	-13.60416	-0.00521	PASS
					50	-19.31190	-0.00739	PASS
		20	LCH	VN	-30	-18.03875	-0.00699	PASS
					-20	-15.02037	-0.00582	PASS
					-10	-27.78053	-0.01077	PASS
					0	-28.49579	-0.01104	PASS
					10	-16.17908	-0.00627	PASS
					20	-17.16614	-0.00665	PASS
					30	-28.45287	-0.01103	PASS
					40	-18.26763	-0.00708	PASS
					50	-10.09941	-0.00391	PASS
			MCH	VN	-30	-20.05577	-0.00773	PASS
					-20	-20.38479	-0.00786	PASS
					-10	-21.35754	-0.00823	PASS
					0	-23.96107	-0.00923	PASS
					10	-20.07008	-0.00773	PASS
					20	-18.48221	-0.00712	PASS
					30	-21.94405	-0.00846	PASS
					40	-18.19611	-0.00701	PASS
					50	-19.36913	-0.00746	PASS
			HCH	VN	-30	-50.78316	-0.01946	PASS
					-20	-14.51969	-0.00556	PASS
					-10	-22.38750	-0.00858	PASS
					0	-24.57619	-0.00942	PASS
					10	-17.95292	-0.00688	PASS
					20	-17.19475	-0.00659	PASS
					30	-30.12657	-0.01154	PASS
					40	-20.41340	-0.00782	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	-37.70828	-0.01445	PASS
	LTE/TM2	5	LCH	VN	-30	-26.73626	-0.01039	PASS
					-20	-47.22118	-0.01836	PASS
					-10	-21.84391	-0.00849	PASS
					0	-28.81050	-0.01120	PASS
					10	-21.35754	-0.00830	PASS
					20	-20.79964	-0.00809	PASS
					30	-20.79964	-0.00809	PASS
					40	-17.85278	-0.00694	PASS
					50	-20.51353	-0.00797	PASS
			MCH	VN	-30	-17.95292	-0.00692	PASS
					-20	-20.92838	-0.00806	PASS
					-10	-23.76080	-0.00916	PASS
					0	-51.42689	-0.01982	PASS
					10	-58.89416	-0.02270	PASS
					20	-13.41820	-0.00517	PASS
					30	-24.44744	-0.00942	PASS
					40	-24.08981	-0.00928	PASS
					50	-31.28529	-0.01206	PASS
			HCH	VN	-30	-23.87524	-0.00912	PASS
					-20	-28.19538	-0.01077	PASS
					-10	-23.88954	-0.00913	PASS
					0	-20.88547	-0.00798	PASS
					10	-27.93789	-0.01067	PASS
					20	-23.03123	-0.00880	PASS
					30	-26.20697	-0.01001	PASS
					40	-21.75808	-0.00831	PASS
					50	-17.83848	-0.00693	PASS
		10	LCH	VN	-30	-28.52440	-0.01108	PASS
					-20	-20.24174	-0.00786	PASS
					-10	-26.07822	-0.01013	PASS
					0	-19.84119	-0.00771	PASS
					10	-14.29081	-0.00555	PASS
					20	-17.78126	-0.00691	PASS
					30	-17.83848	-0.00693	PASS
					40	-18.98289	-0.00737	PASS
					50	-17.42363	-0.00677	PASS
			MCH	VN	-30	-17.68112	-0.00681	PASS
					-20	-21.45767	-0.00827	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	-18.78262	-0.00724	PASS
					0	-16.43658	-0.00633	PASS
					10	-16.73698	-0.00645	PASS
					20	-17.38071	-0.00670	PASS
					30	-22.78805	-0.00878	PASS
					40	-23.93246	-0.00922	PASS
					50	-18.66817	-0.00719	PASS
			HCH	VN	-30	-16.00742	-0.00612	PASS
					-20	-22.90249	-0.00876	PASS
					-10	-19.22607	-0.00735	PASS
					0	-20.12730	-0.00770	PASS
					10	-18.42499	-0.00705	PASS
					20	-17.95292	-0.00687	PASS
					30	-18.11028	-0.00693	PASS
					40	-29.82616	-0.01141	PASS
					50	-21.55781	-0.00824	PASS
		15	LCH	VN	-30	-14.84871	-0.00576	PASS
					-20	-16.29353	-0.00632	PASS
					-10	-17.80987	-0.00691	PASS
					0	-14.00471	-0.00543	PASS
					10	-17.66682	-0.00685	PASS
					20	-18.03875	-0.00700	PASS
					30	-18.41068	-0.00714	PASS
					40	-20.25604	-0.00786	PASS
					50	-19.21177	-0.00745	PASS
			MCH	VN	-30	-17.20905	-0.00663	PASS
					-20	-15.49244	-15.49244	PASS
					-10	-21.97266	-0.00847	PASS
					0	-14.16206	-0.00546	PASS
					10	-20.09869	-0.00775	PASS
					20	-19.15455	-0.00738	PASS
					30	-28.09525	-0.01083	PASS
					40	-20.08438	-0.00774	PASS
					50	-18.92567	-0.00729	PASS
			HCH	VN	-30	-15.56396	-0.00596	PASS
					-20	-23.86093	-0.00913	PASS
					-10	-20.28465	-0.00776	PASS
					0	-19.66953	-0.00753	PASS
					10	-19.95564	-0.00764	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	-13.64708	-0.00522	PASS
					30	-16.12186	-0.00617	PASS
					40	-21.25740	-0.00814	PASS
					50	-33.87451	-0.01297	PASS
		20	LCH	VN	-30	-16.88004	-0.00654	PASS
					-20	-16.49380	-0.00639	PASS
					-10	-25.89226	-0.01004	PASS
					0	-26.27850	-0.01019	PASS
					10	-21.95835	-0.00851	PASS
					20	-18.75401	-0.00727	PASS
					30	-24.63341	-0.00955	PASS
					40	-18.09597	-0.00701	PASS
					50	-10.60009	-0.00411	PASS
			MCH	VN	-30	-15.04898	-0.00580	PASS
					-20	-17.38071	-0.00670	PASS
					-10	-20.02716	-0.00772	PASS
					0	-22.87388	-0.00881	PASS
					10	-13.70430	-0.00528	PASS
					20	-19.34052	-0.00745	PASS
					30	-17.92431	-0.00691	PASS
					40	-20.92838	-0.00806	PASS
					50	-18.13889	-0.00699	PASS
			HCH	VN	-30	-15.97881	-0.00612	PASS
					-20	-16.10756	-0.00617	PASS
					-10	-18.22472	-0.00698	PASS
					0	-22.13001	-0.00848	PASS
					10	-21.48628	-0.00823	PASS
					20	-16.45088	-0.00630	PASS
					30	-25.34866	-0.00971	PASS
					40	-16.90865	-0.00648	PASS
					50	-29.94061	-0.01147	PASS

END

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