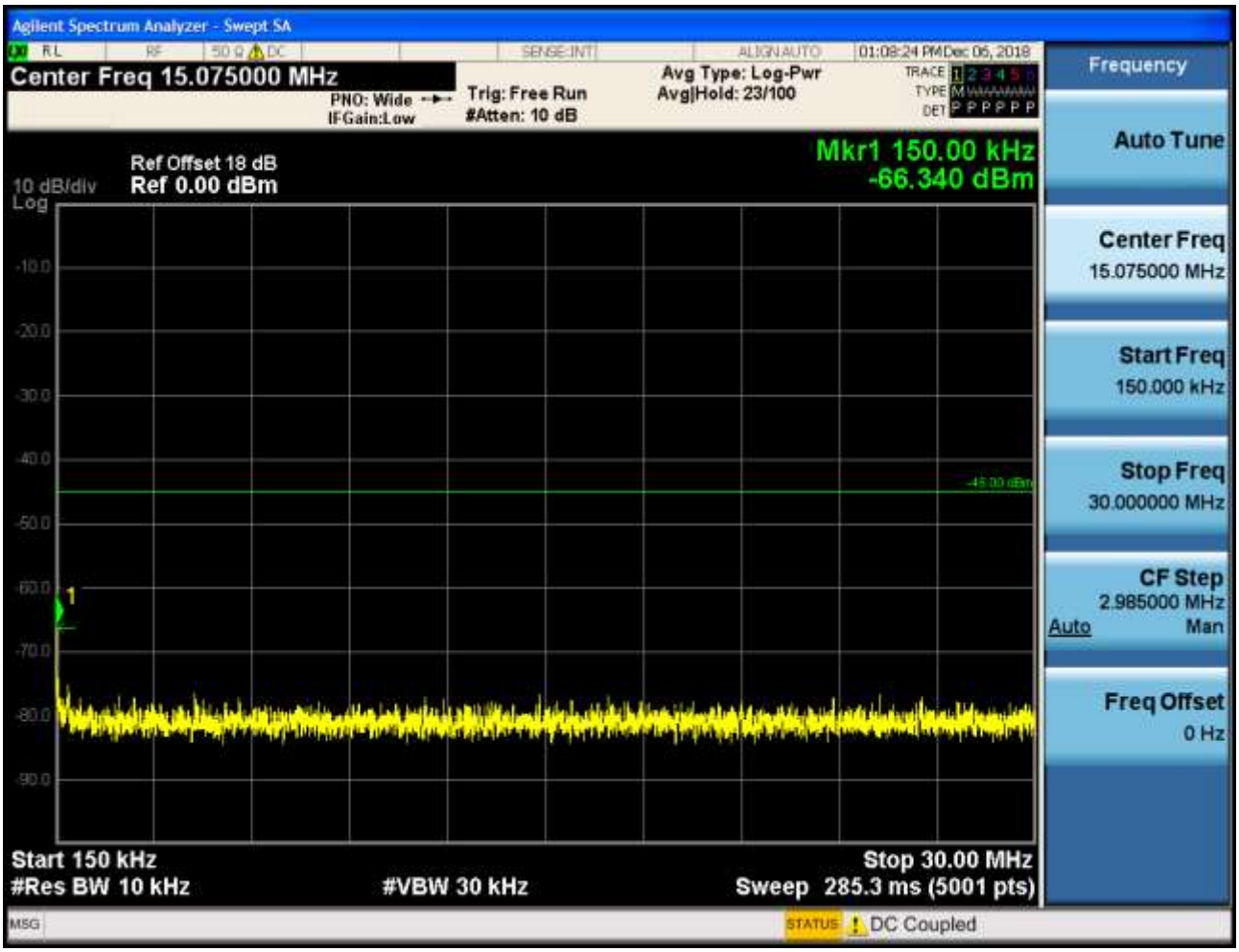
Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:08:24 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-66.340 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:08:34 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.383 2 GHz
-29.951 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

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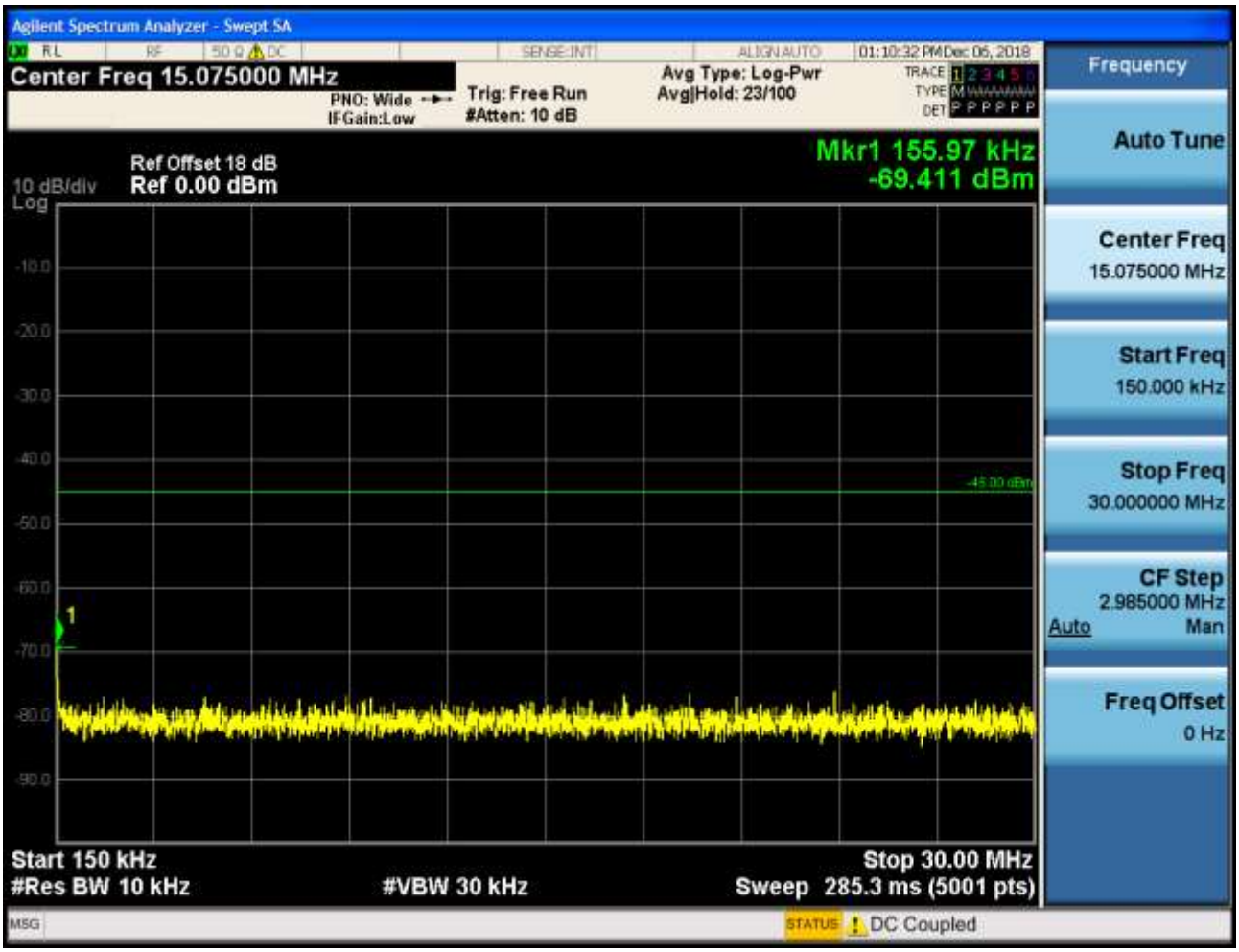
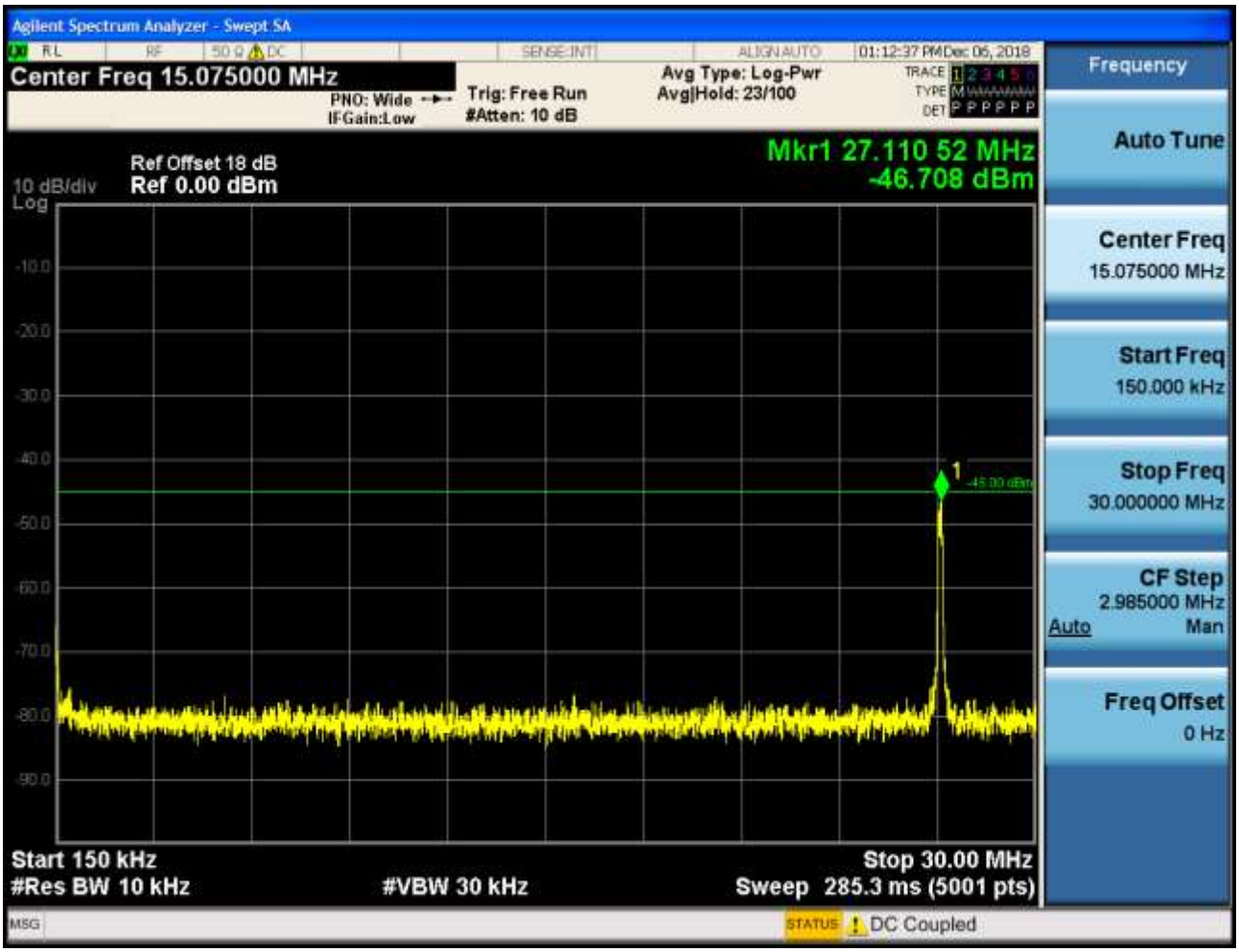

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:10:32 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-69.411 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:10:42 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.492 4 GHz
-30.909 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

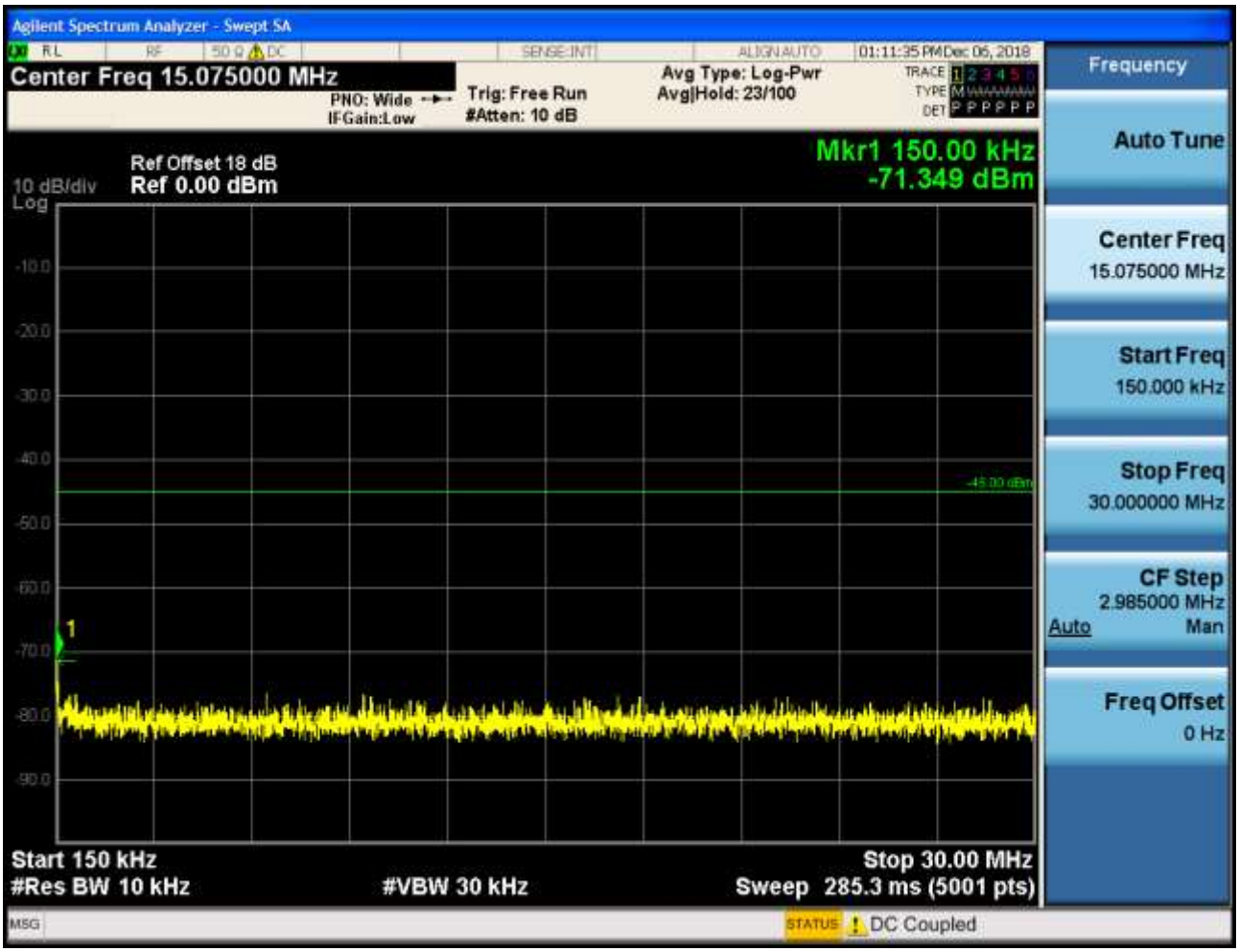
6.2.1.1.3.2.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:12:37 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 27.110 52 MHz
-46.708 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 35/100
01:12:48 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.590 1 GHz
-31.652 dBm
-25.00 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:11:35 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-71.349 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:11:45 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.524 1 GHz
-31.572 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

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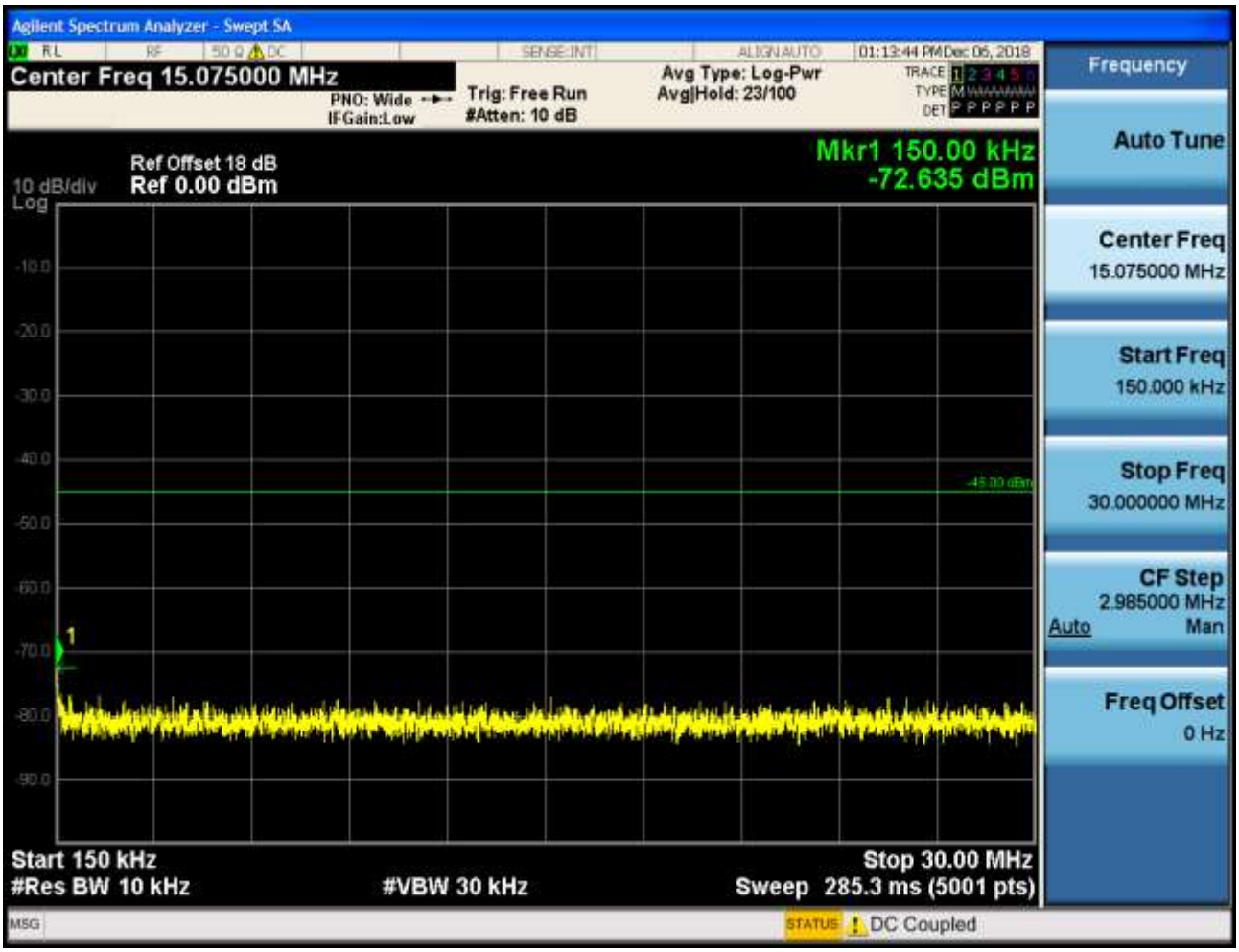
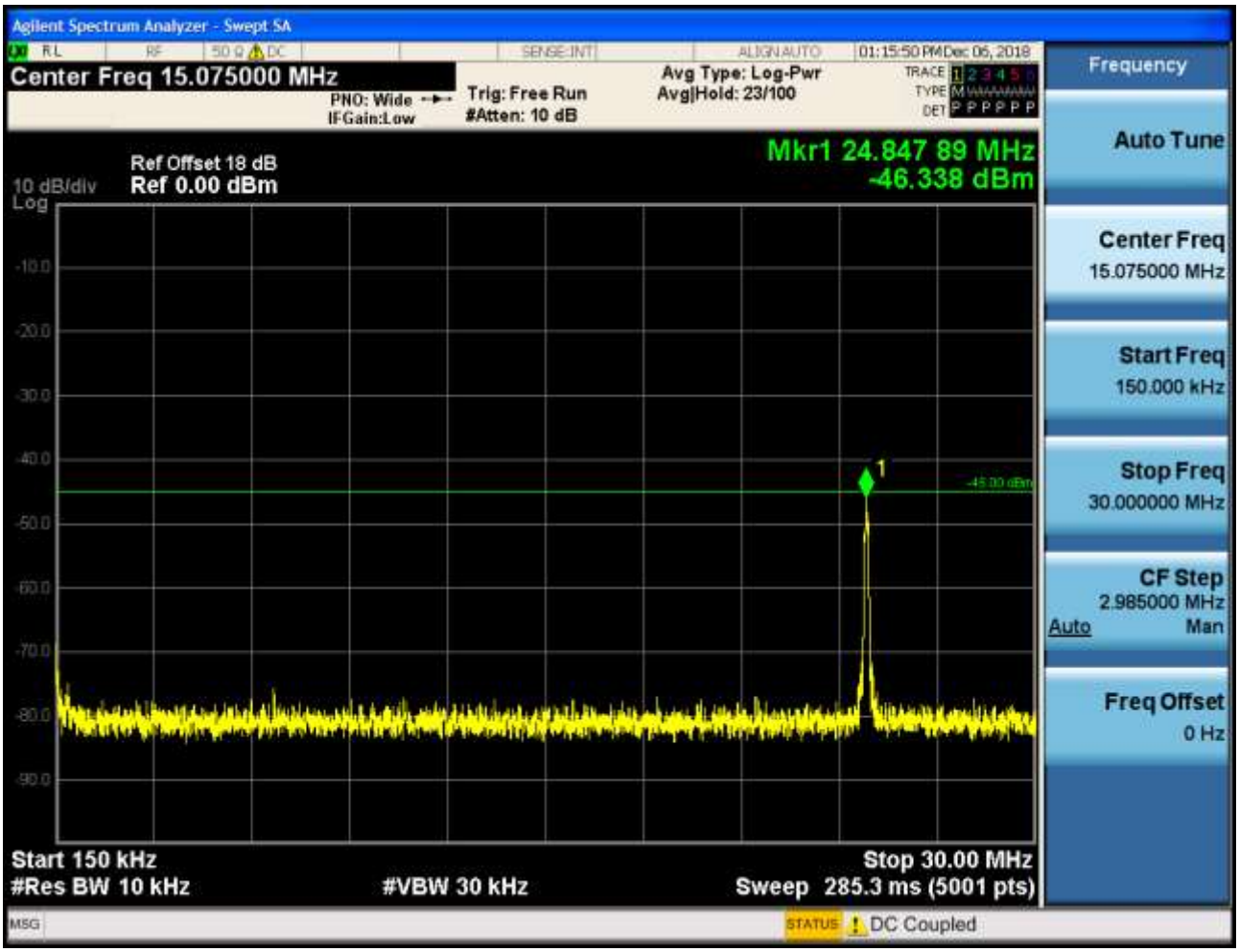

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:13:44 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-72.635 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
01:13:54 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.066 3 GHz
-31.230 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

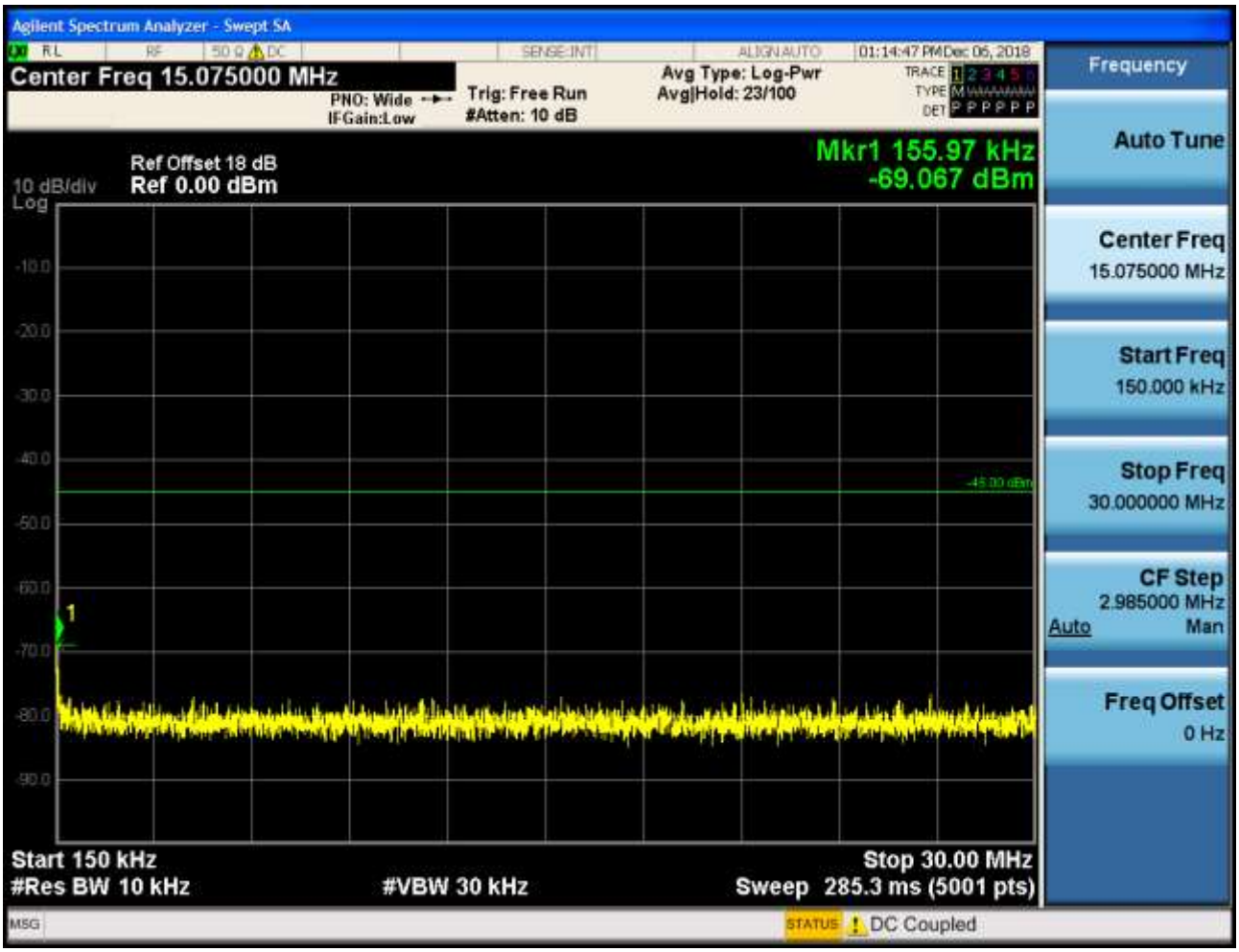
6.2.1.1.4.2.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:15:50 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 24.847 89 MHz
-46.338 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
01:16:00 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.048 1 GHz
-31.197 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:14:47 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-69.067 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
01:14:58 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.740 5 GHz
-31.653 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

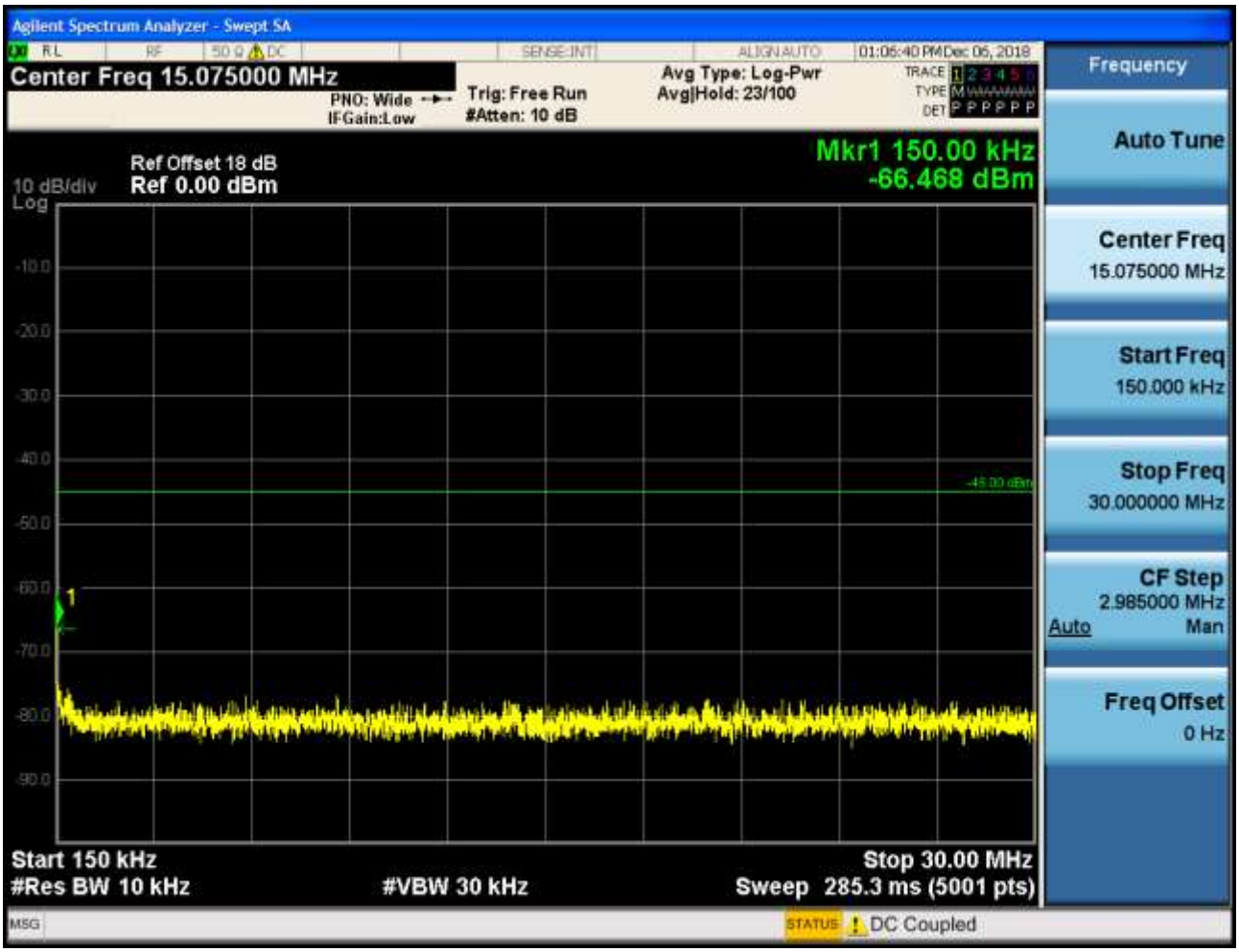
6.2.1.2.1.1.1 Test RB = RB1#0

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:04:35 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-70.209 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:04:45 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.521 4 GHz
-31.477 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:06:40 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-66.468 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:06:51 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.502 5 GHz
-31.619 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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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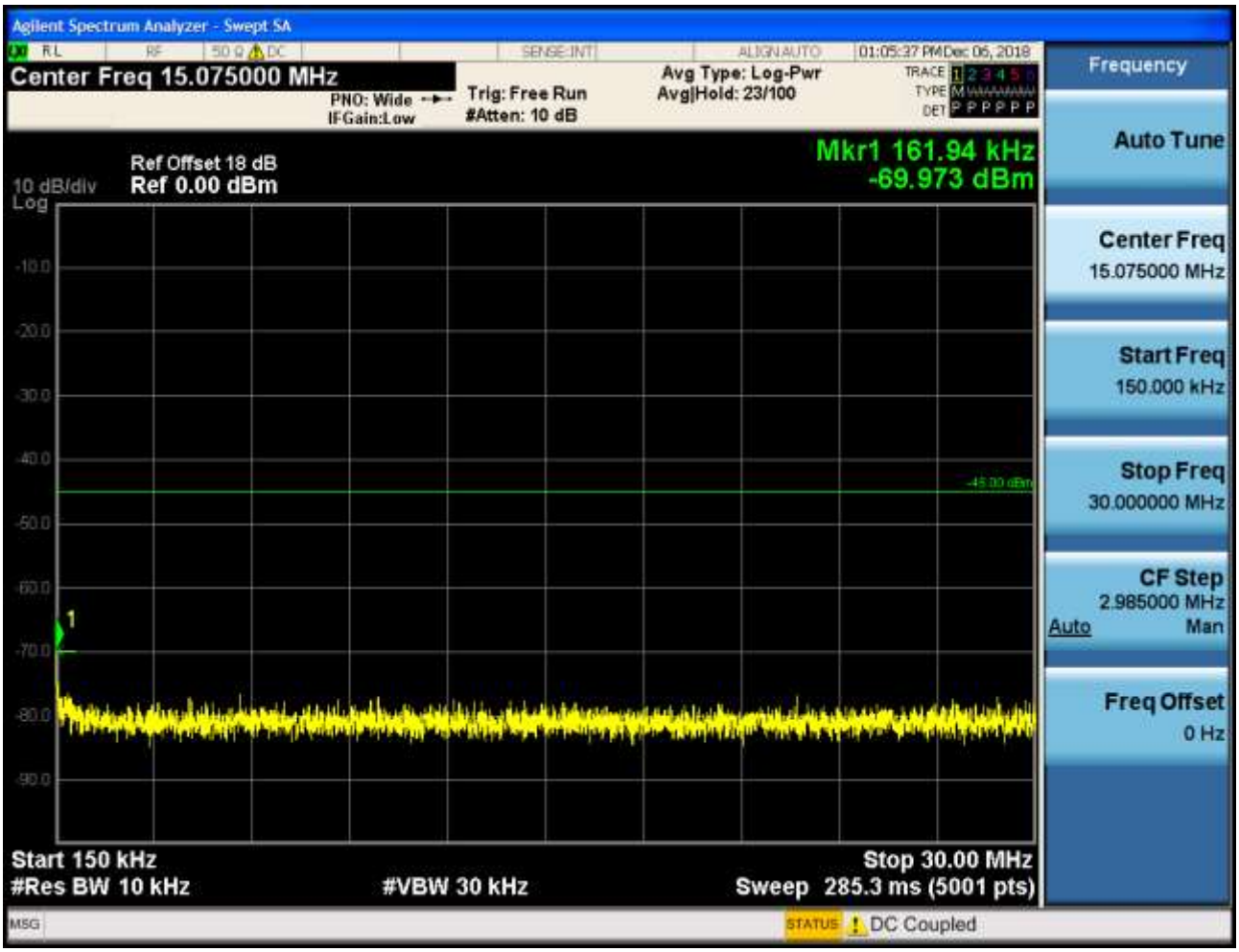
Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:05:37 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-69.973 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:05:48 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.514 6 GHz
-31.063 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

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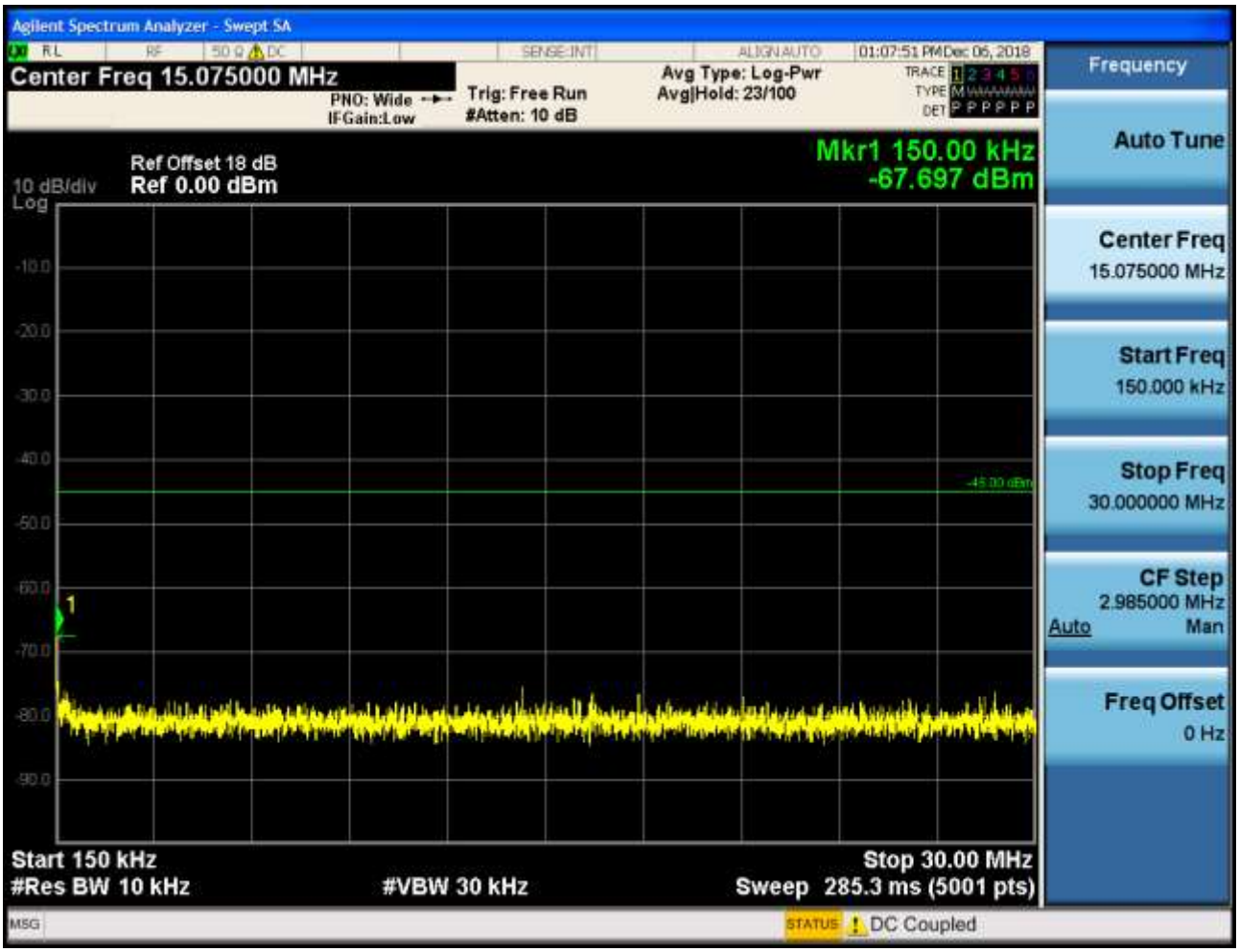
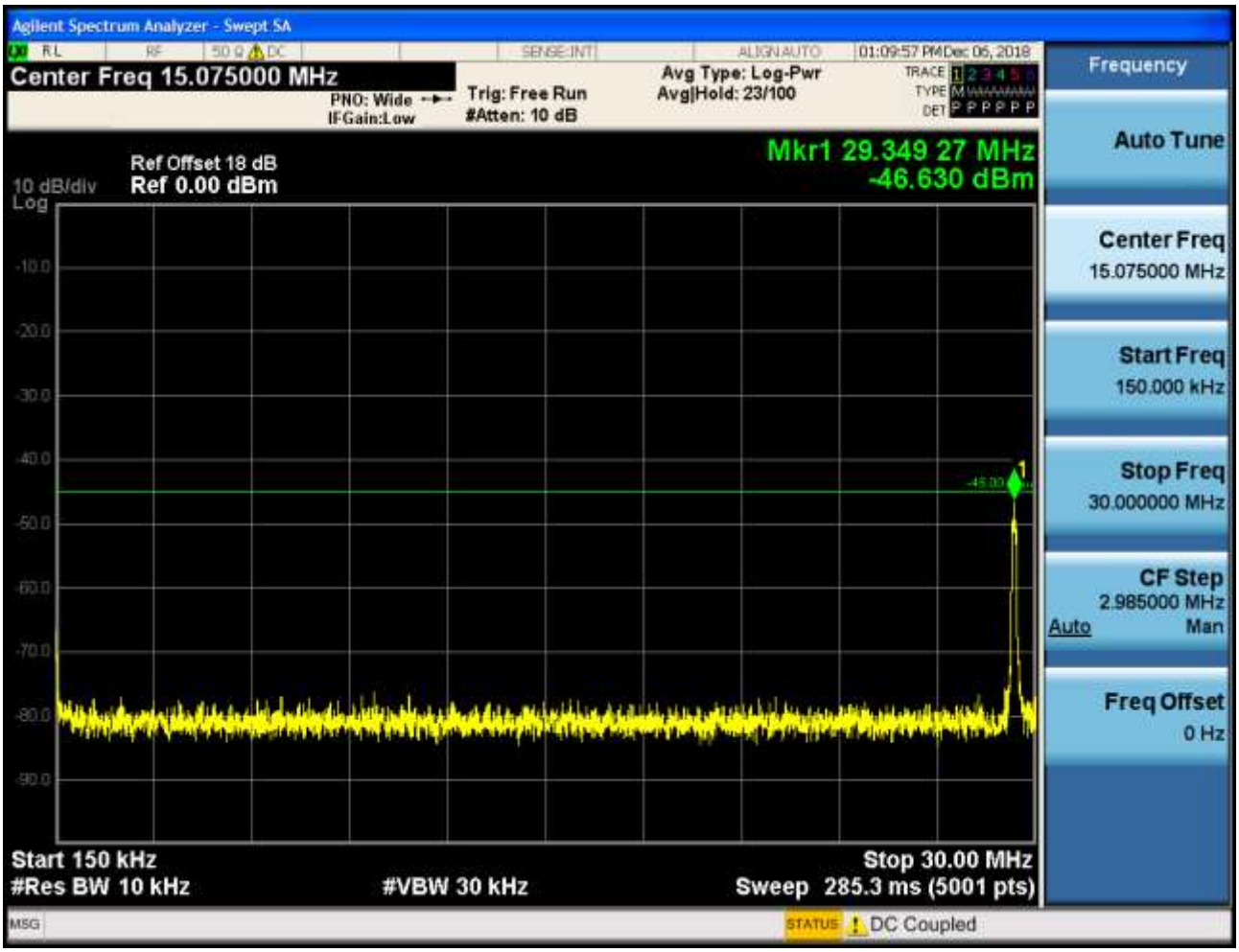

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:07:51 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-67.697 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 33/100
01:08:02 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.524 7 GHz
-30.196 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

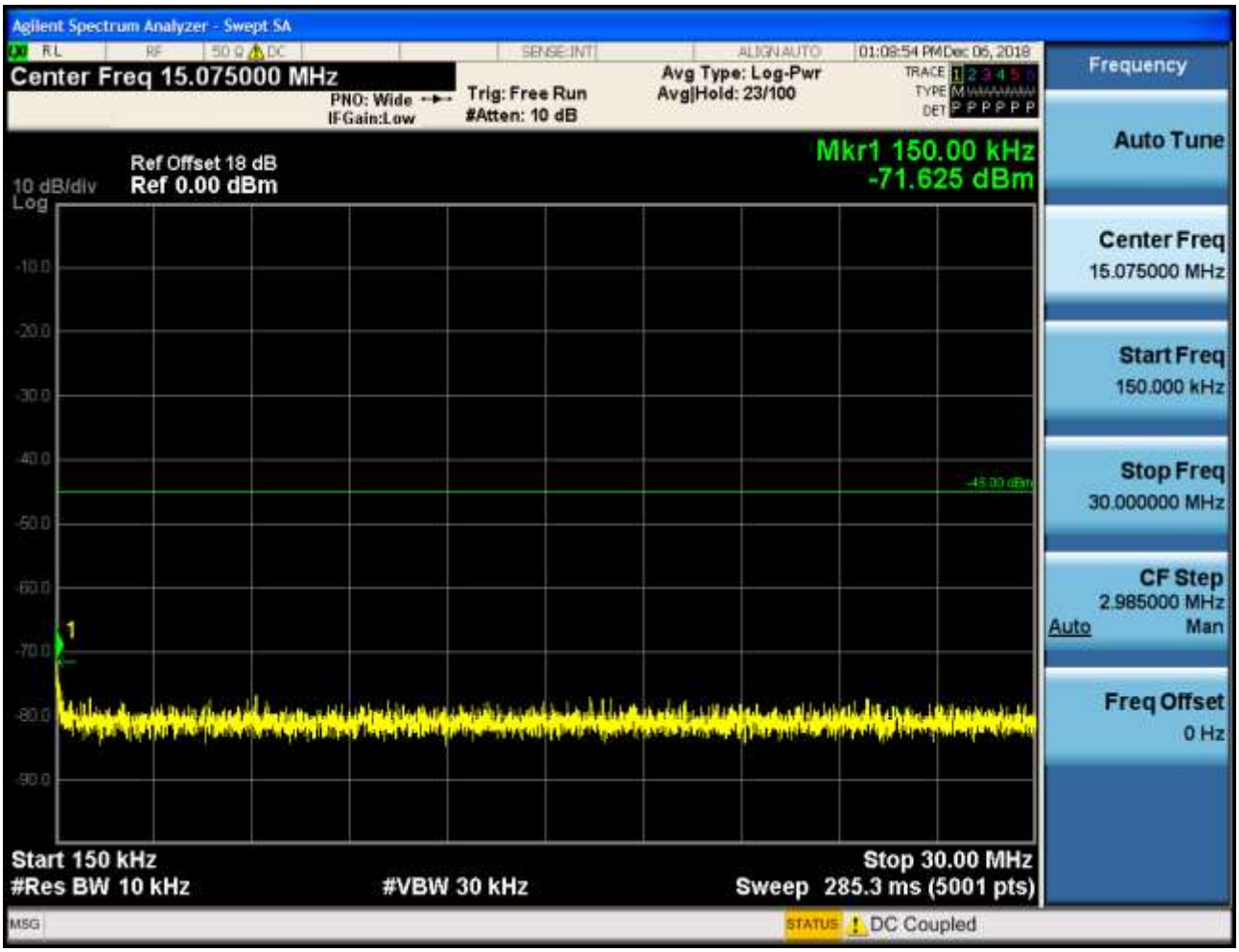
6.2.1.2.2.2.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:09:57 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 29.349 27 MHz
-46.630 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:10:07 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.491 0 GHz
-31.369 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:08:54 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-71.625 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 35/100
01:09:04 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.480 9 GHz
-30.878 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

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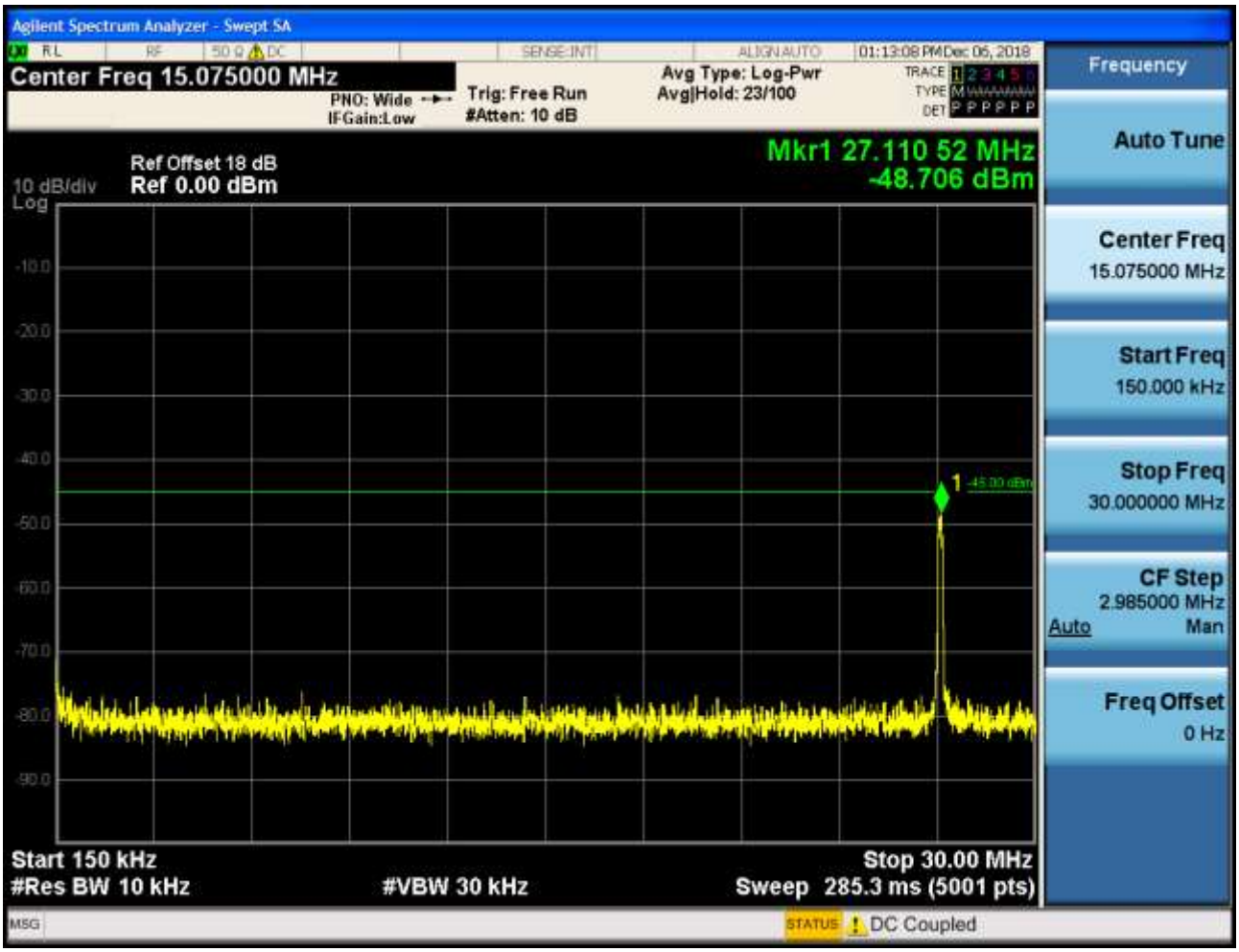
Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:11:03 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 161.94 kHz
-70.405 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 35/100
01:11:13 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.556 4 GHz
-30.800 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

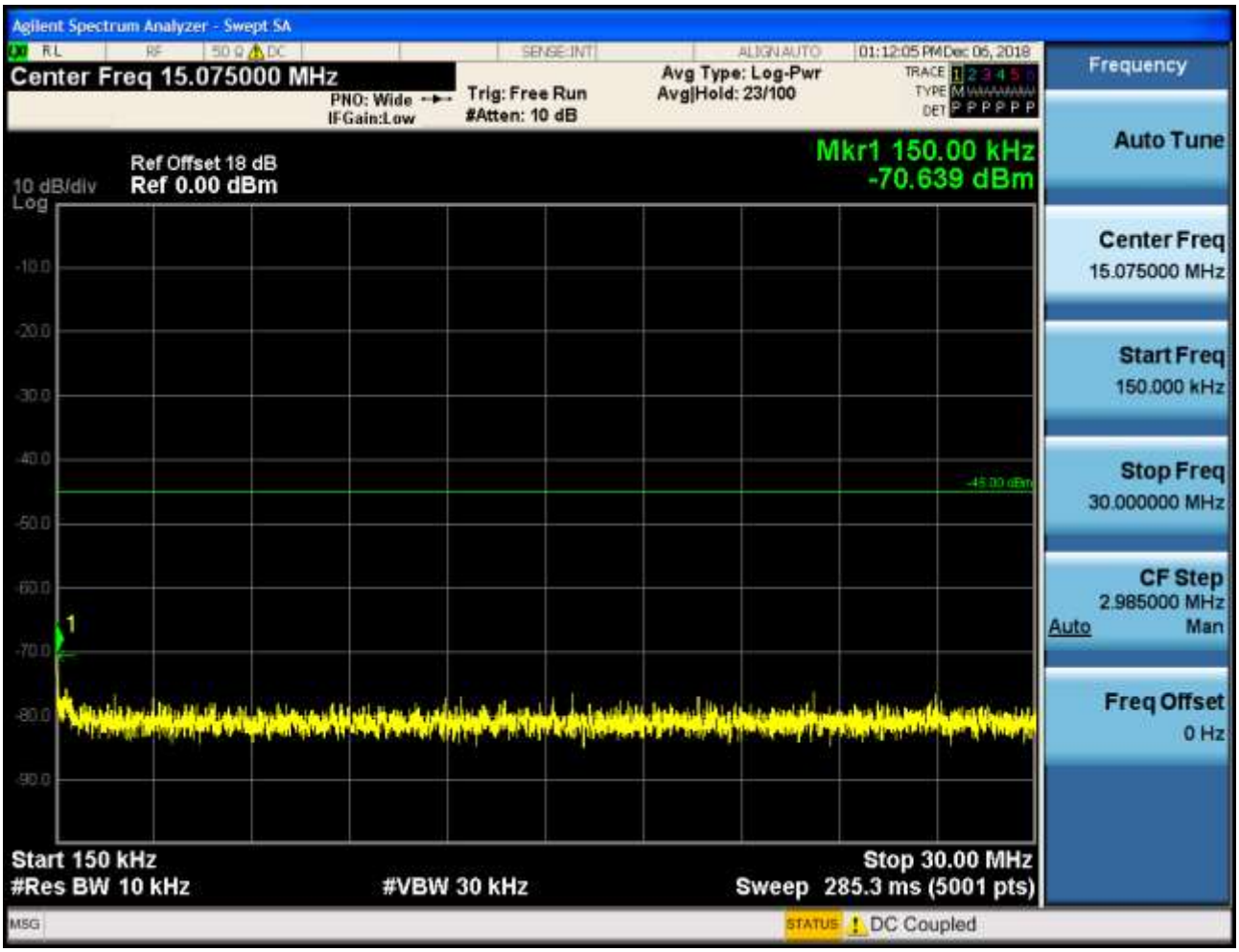
6.2.1.2.3.2.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:13:08 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 27.110 52 MHz
-48.706 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
01:13:19 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.085 8 GHz
-31.619 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:12:05 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-70.639 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:12:16 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.544 3 GHz
-31.457 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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

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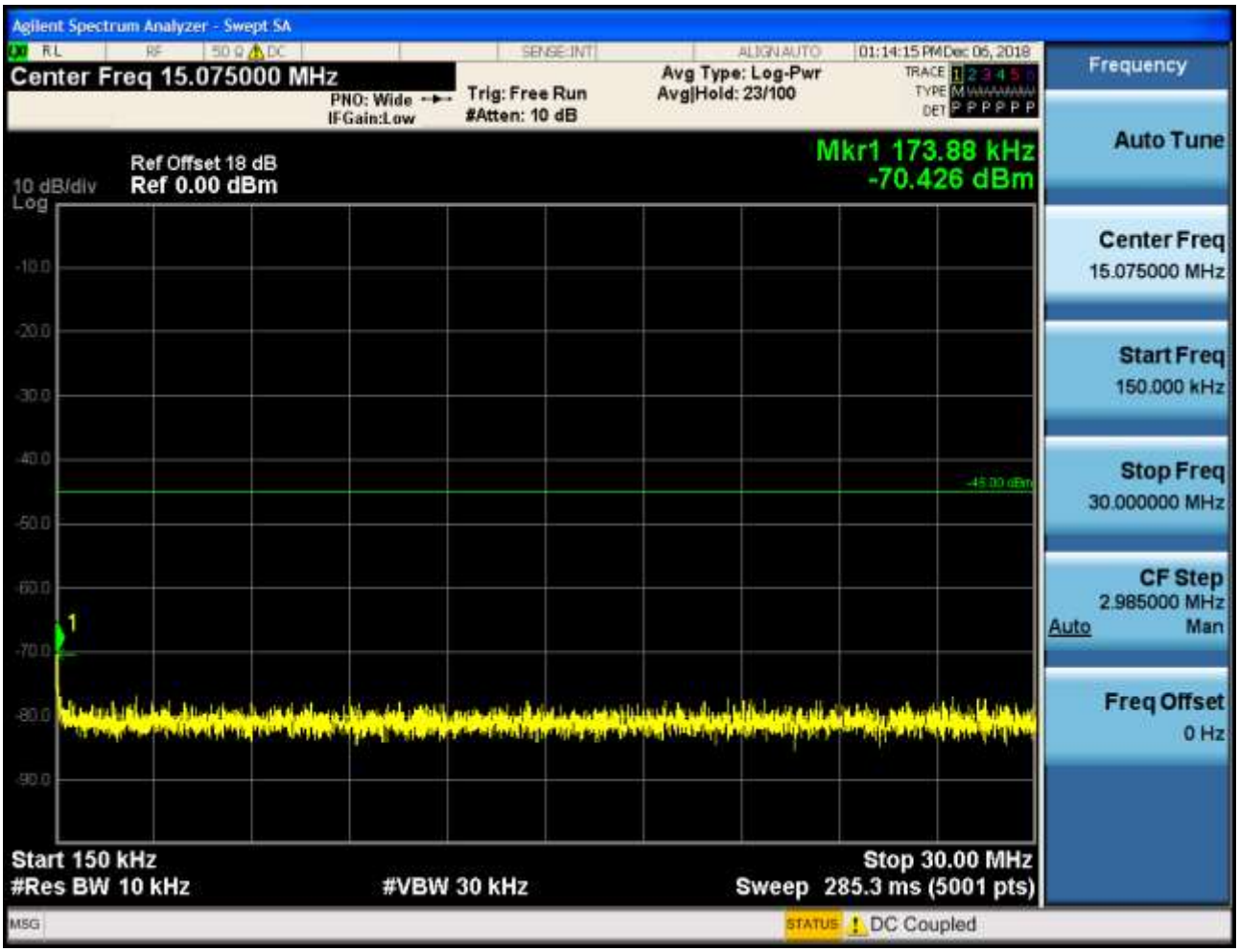
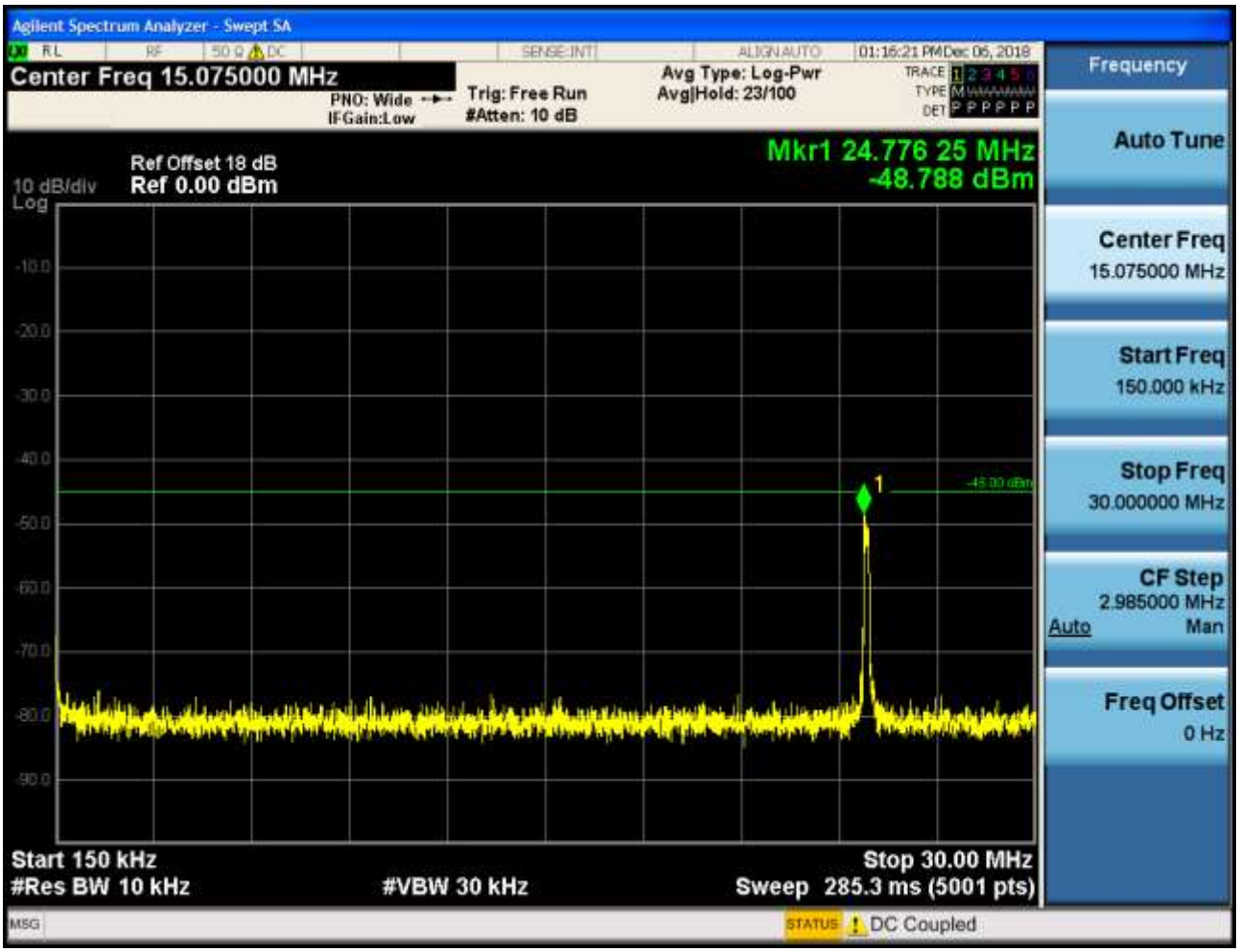

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:14:15 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 173.88 kHz
-70.426 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
01:14:25 PM Dec 05, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 24.269 3 GHz
-31.463 dBm
-25.00 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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
MSG
STATUS

6.2.1.2.4.2 Test Channel = MCH

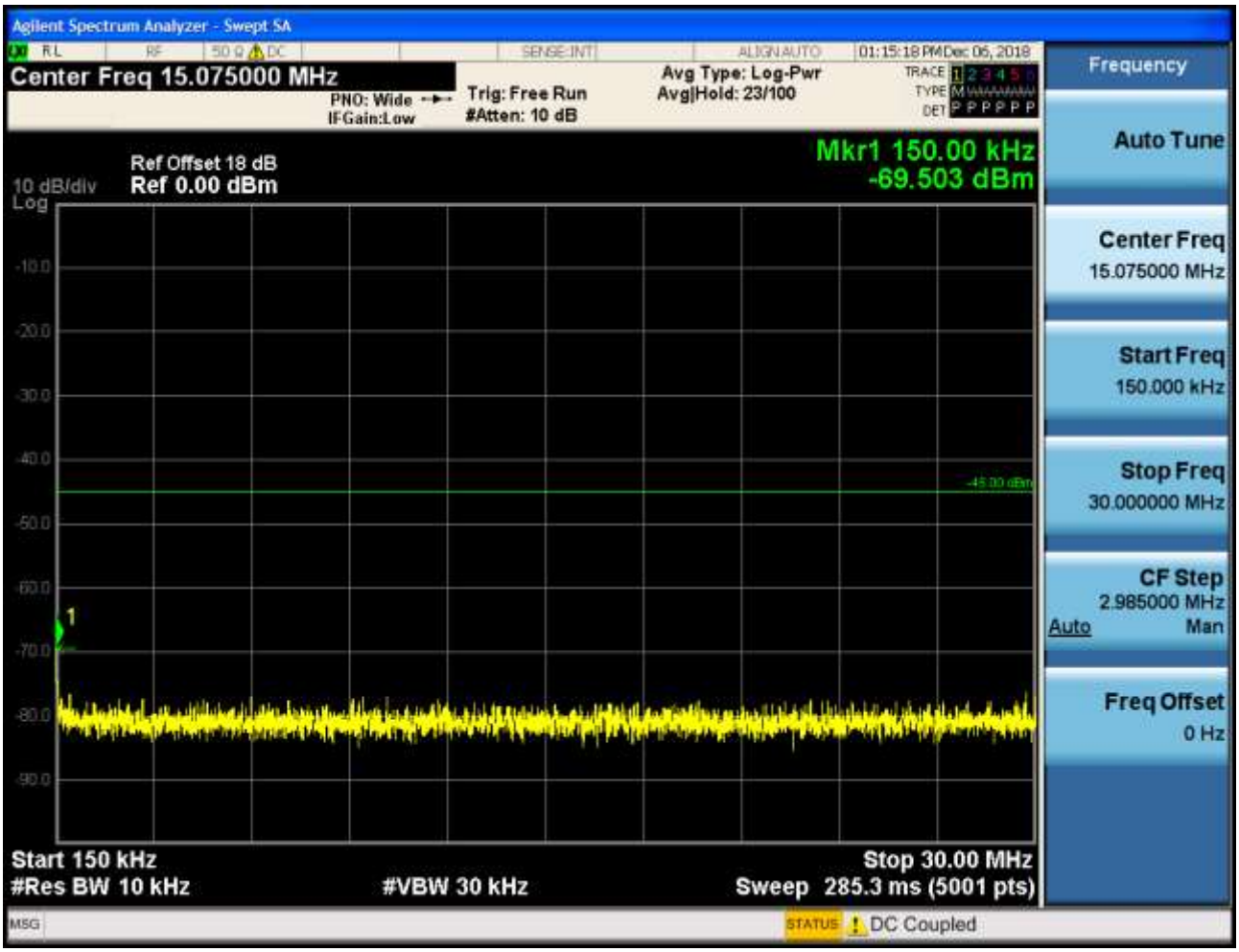
6.2.1.2.4.2.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:16:21 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 24.776 25 MHz
-48.788 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:16:31 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.555 8 GHz
-30.579 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
01:15:18 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 150.00 kHz
-69.503 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 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 36/100
01:15:28 PM Dec 06, 2018
Ref Offset 18 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.531 5 GHz
-30.796 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 69.33 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 = Band41_ANT1

7.1.1.1 Test Bandwidth = 5

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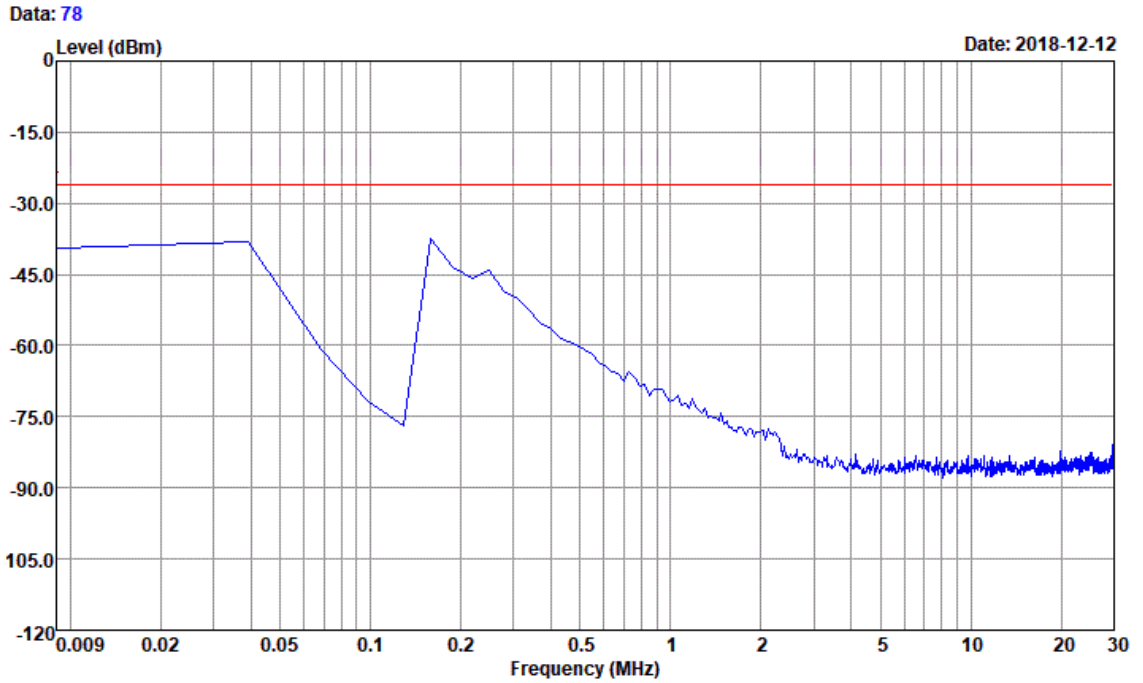


```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```


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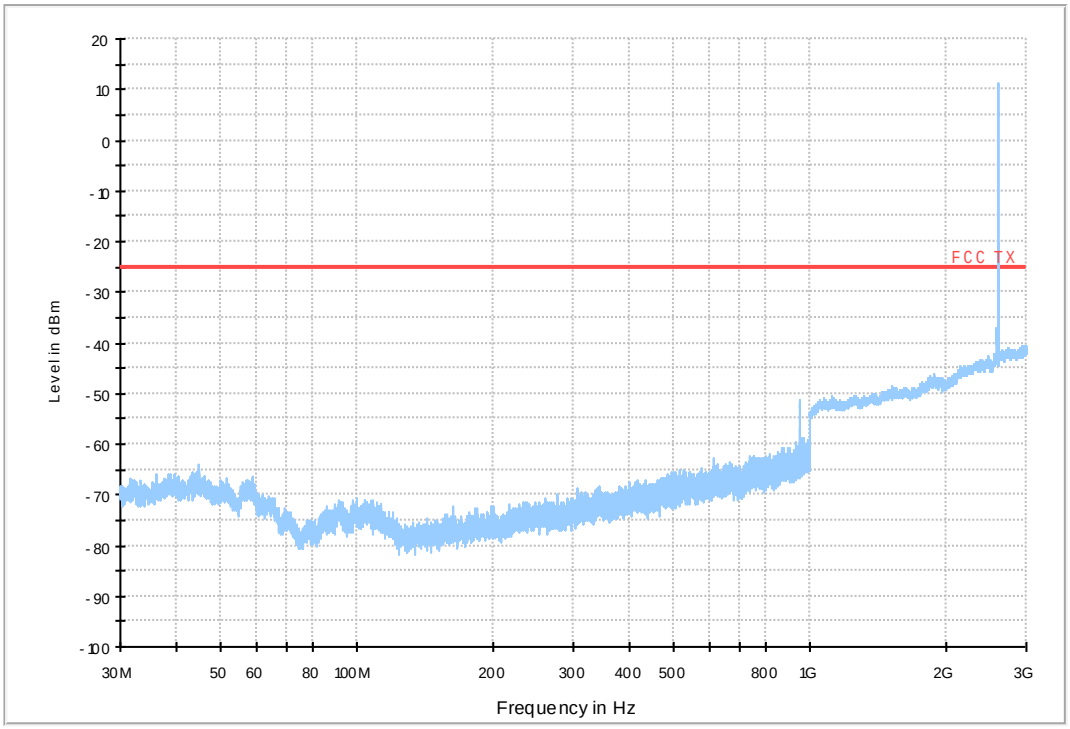
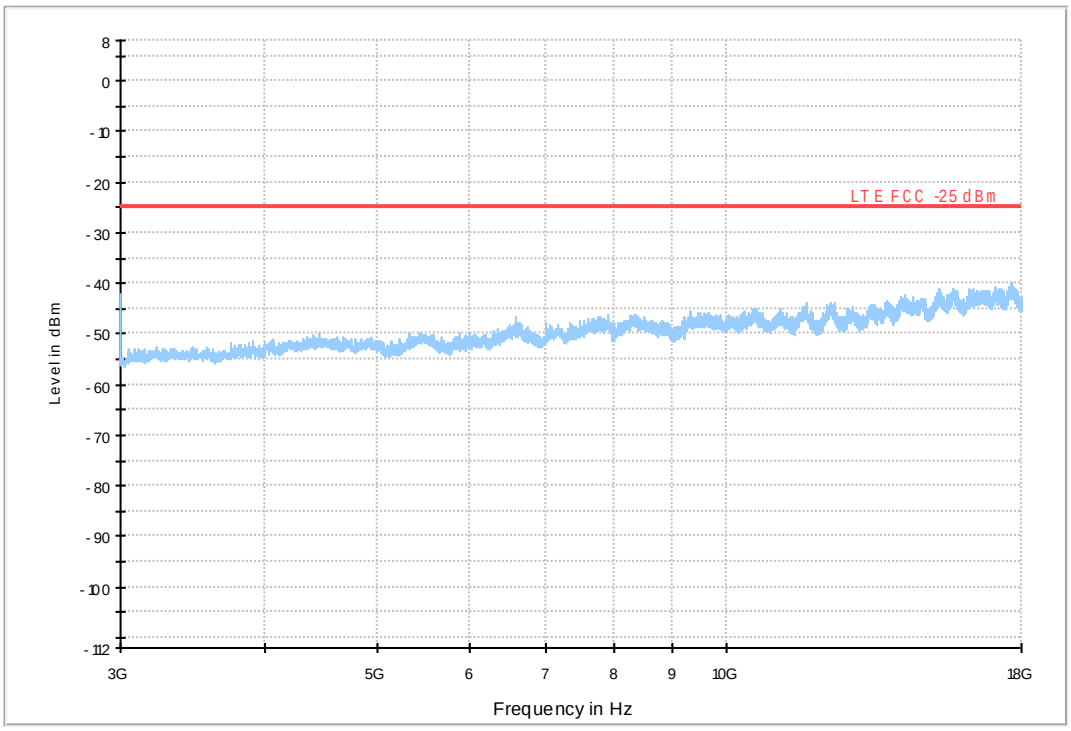
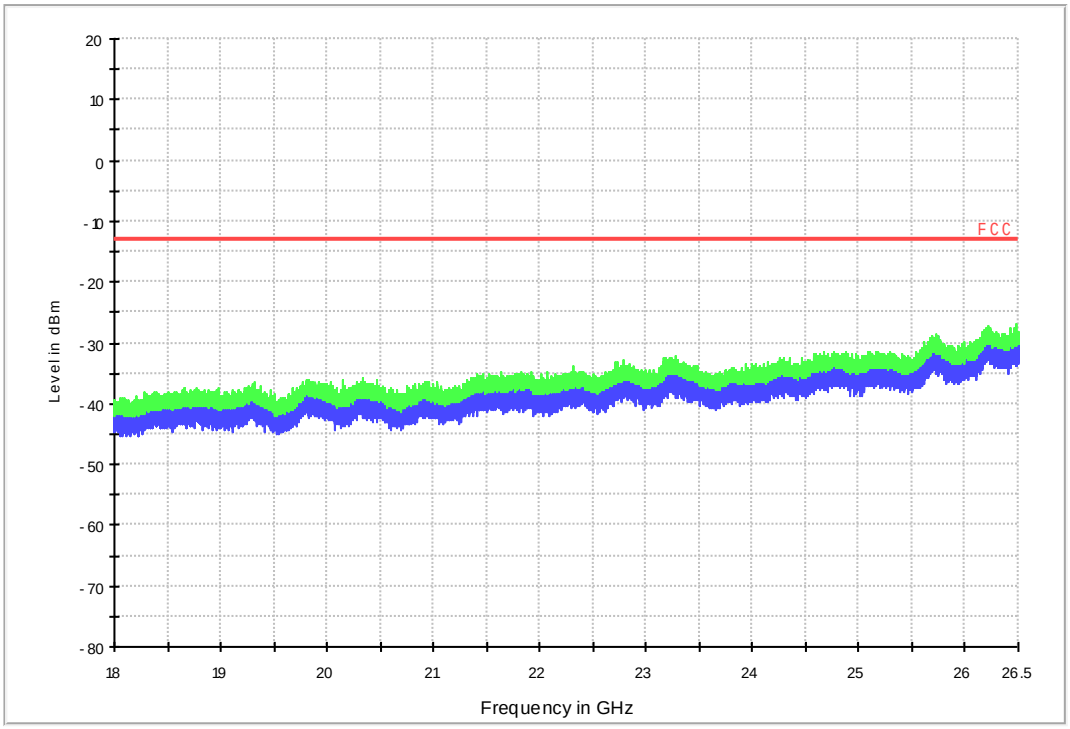
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



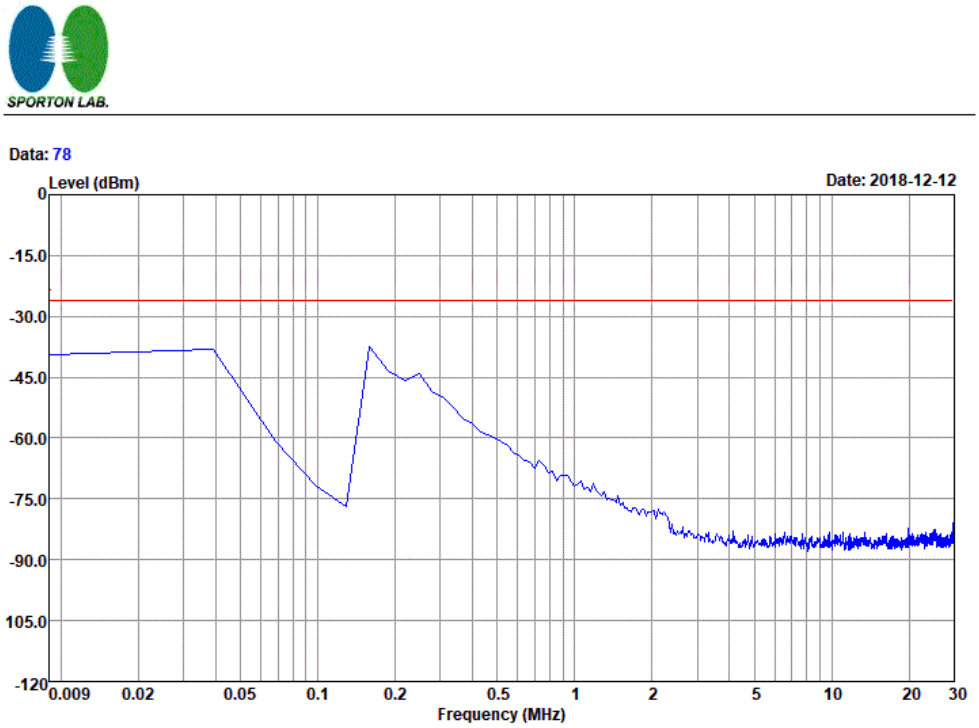
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



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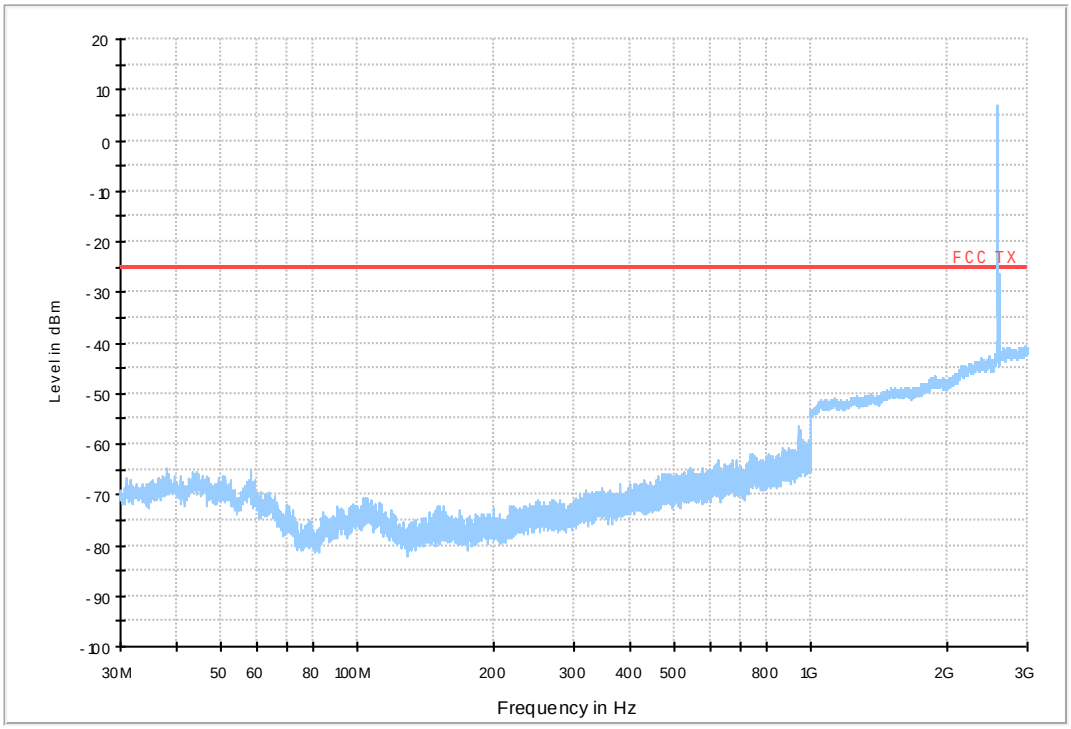
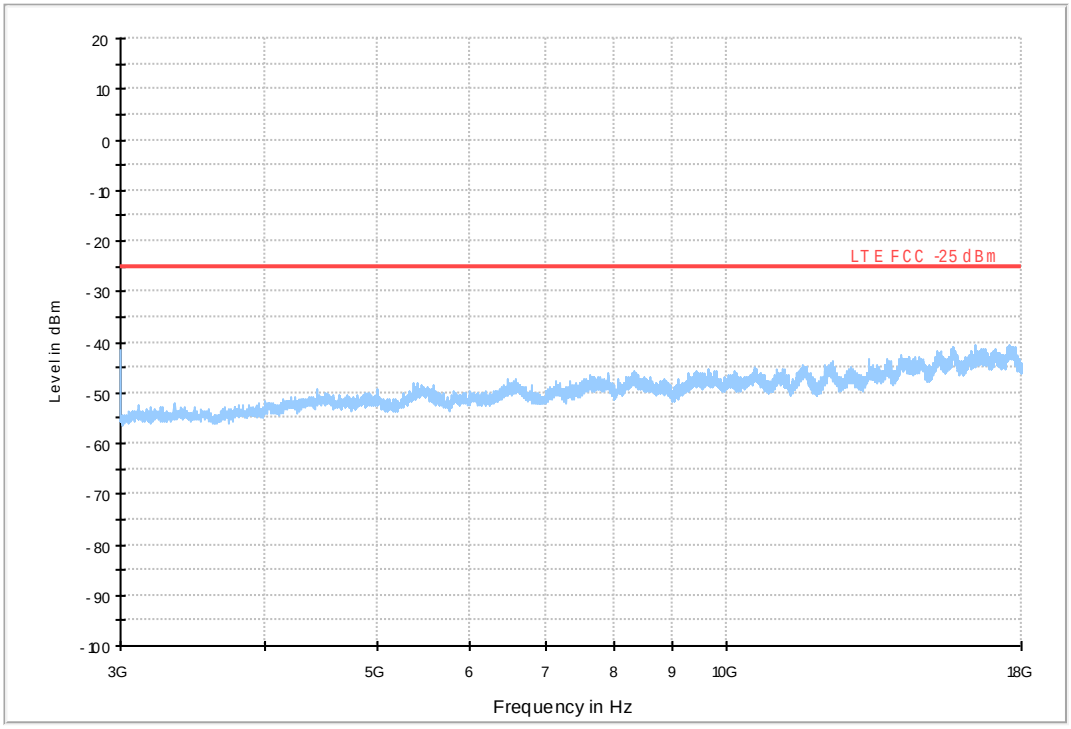
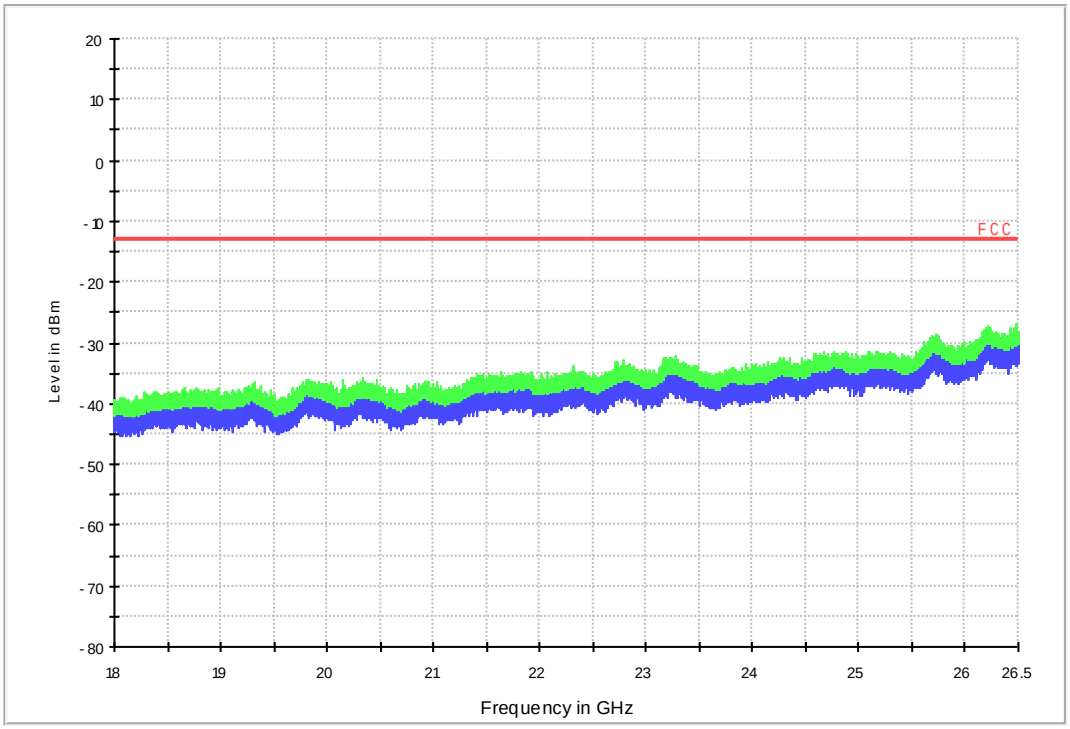
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



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

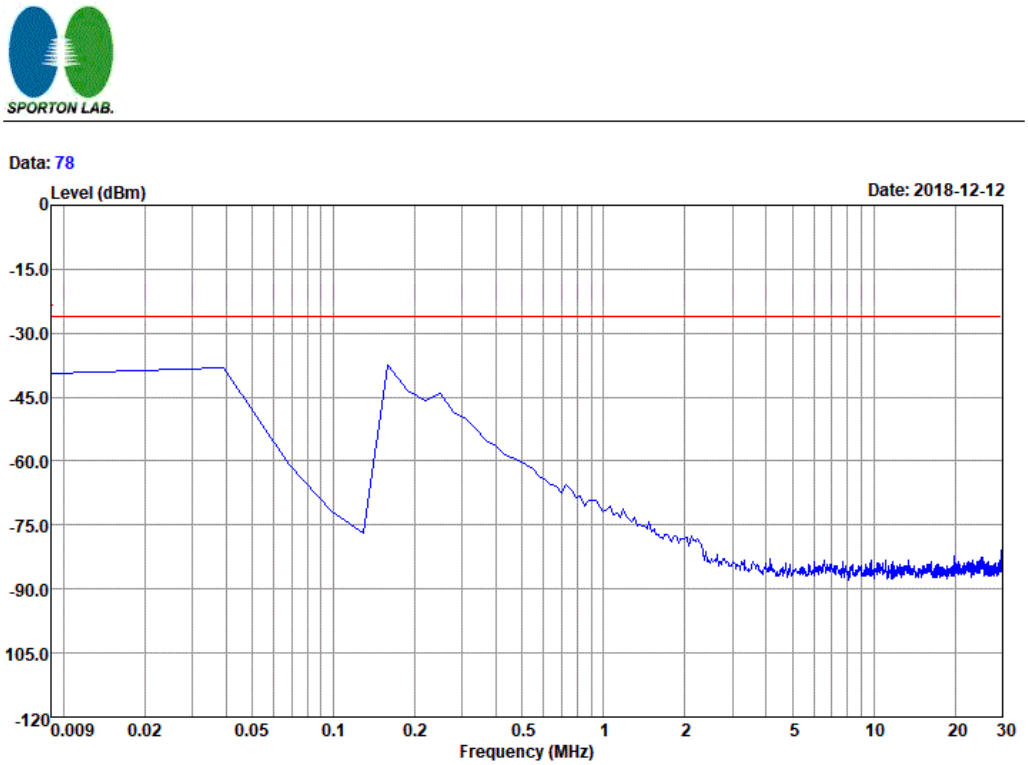


18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



7.1.2 Test Band = Band41_ANT2

7.1.2.1 Test Bandwidth = 5




```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```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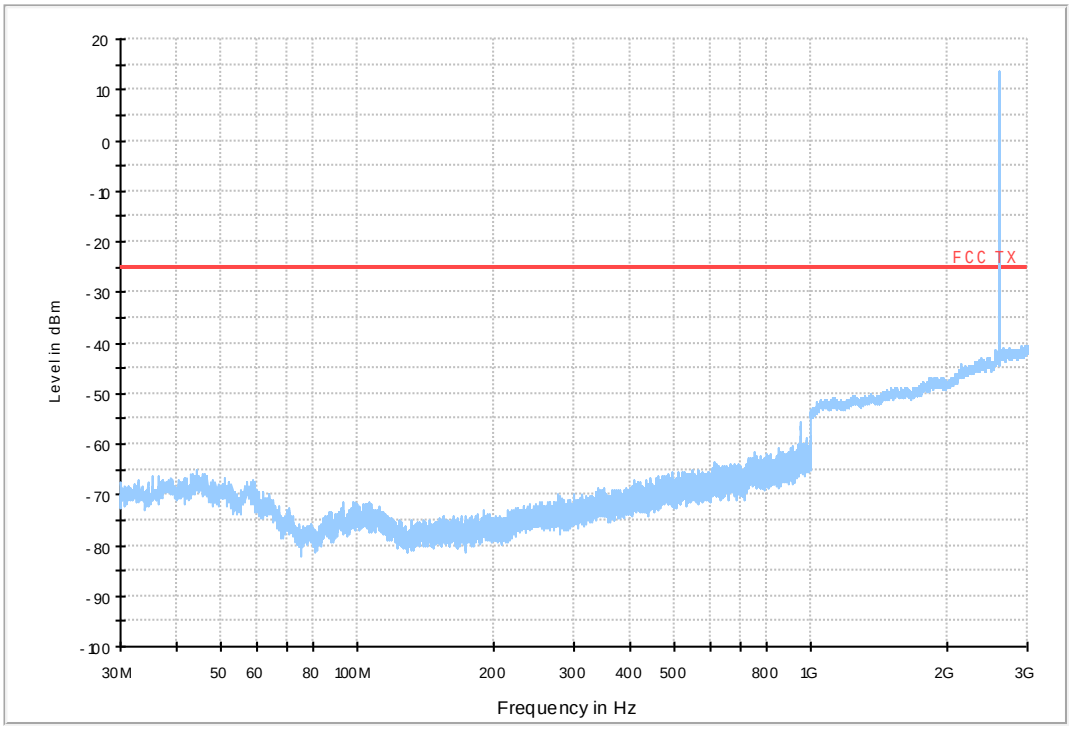
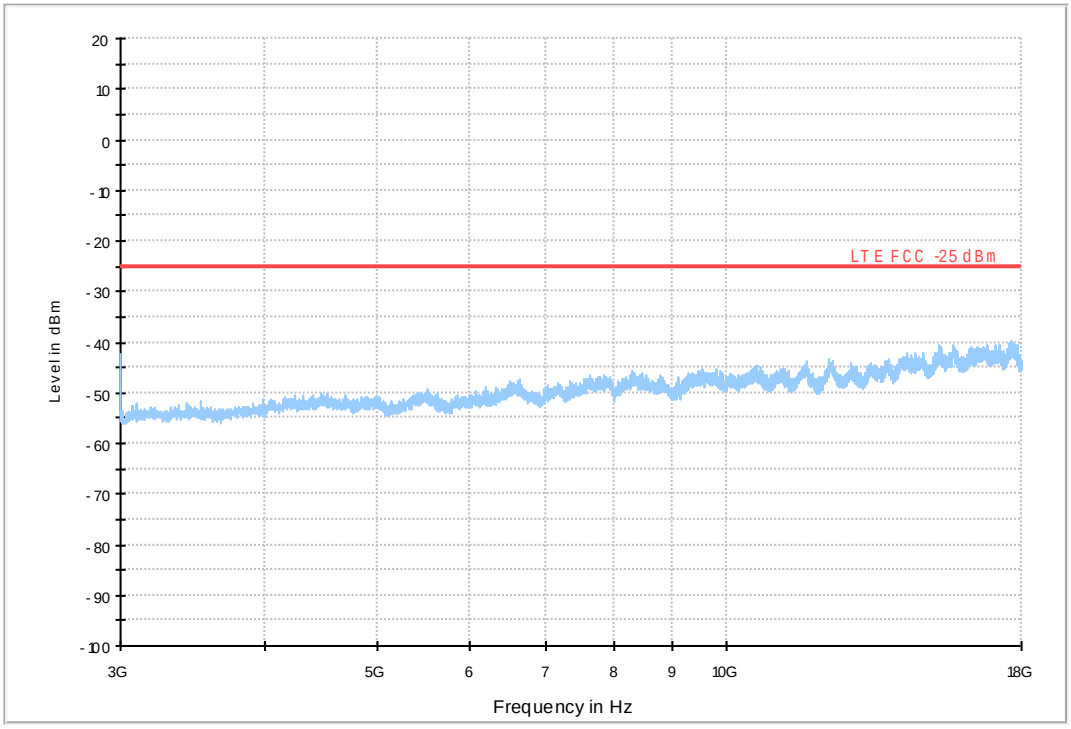
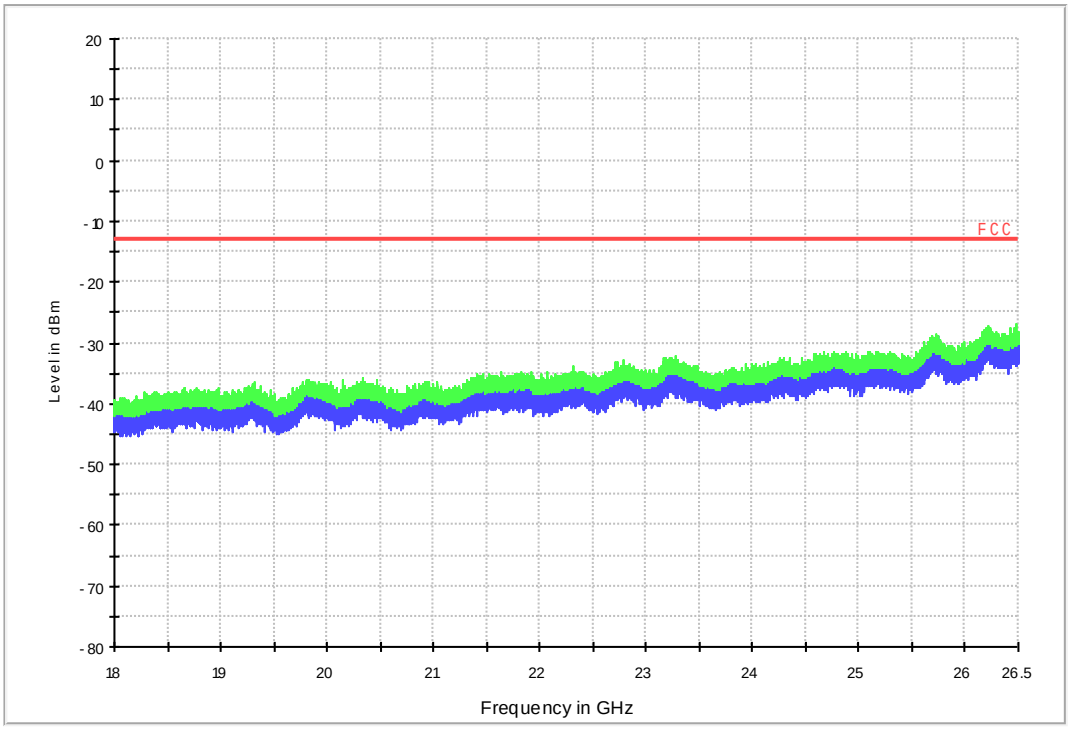
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



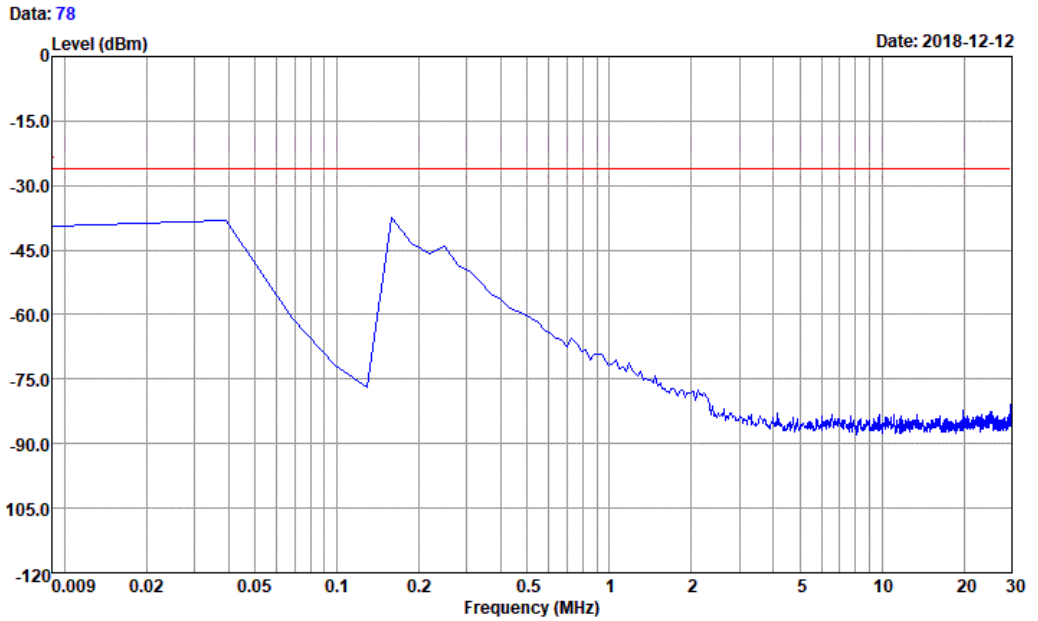
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



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



7.1.2.2 Test Bandwidth = 20




```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```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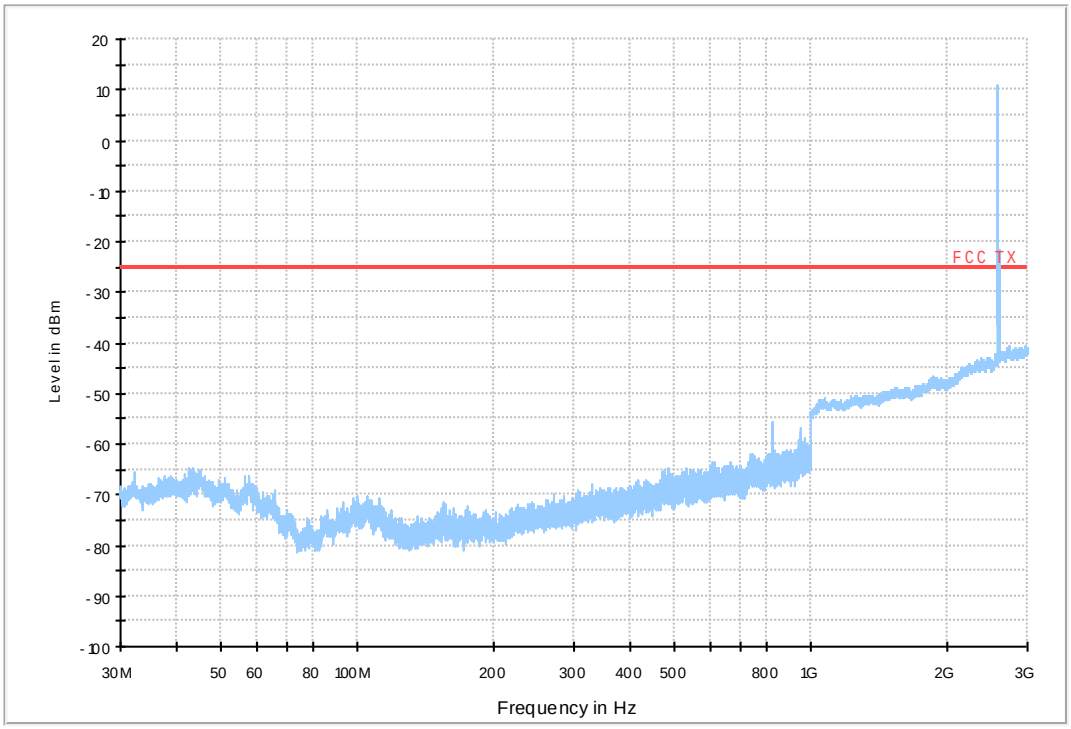
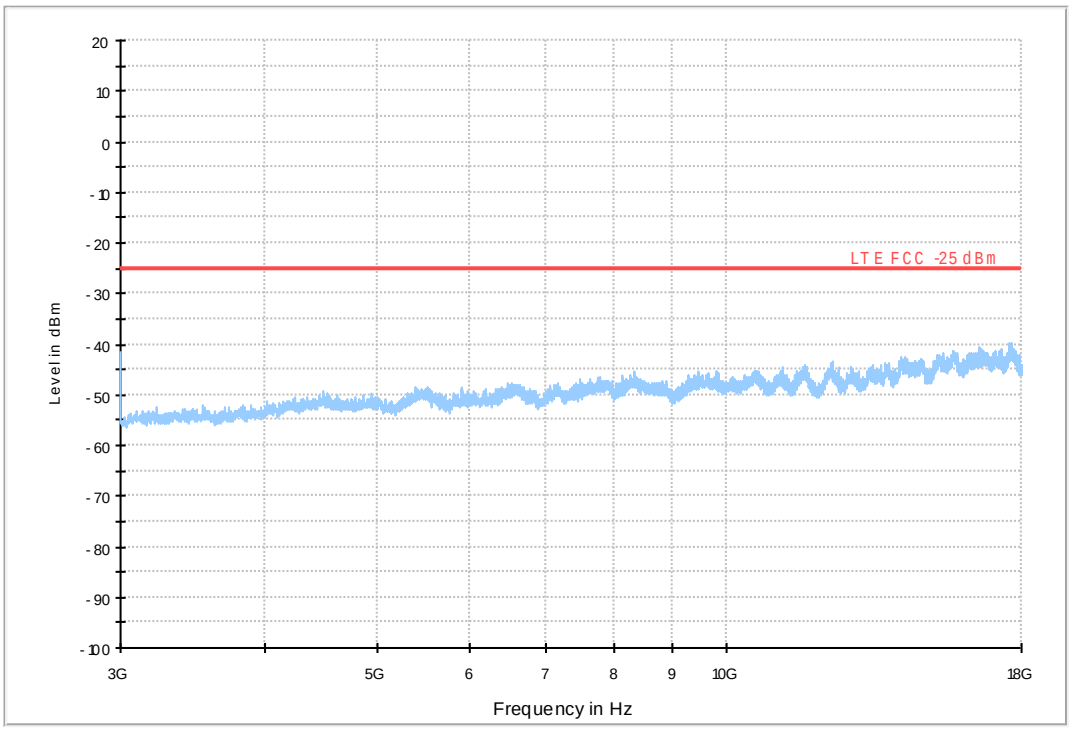
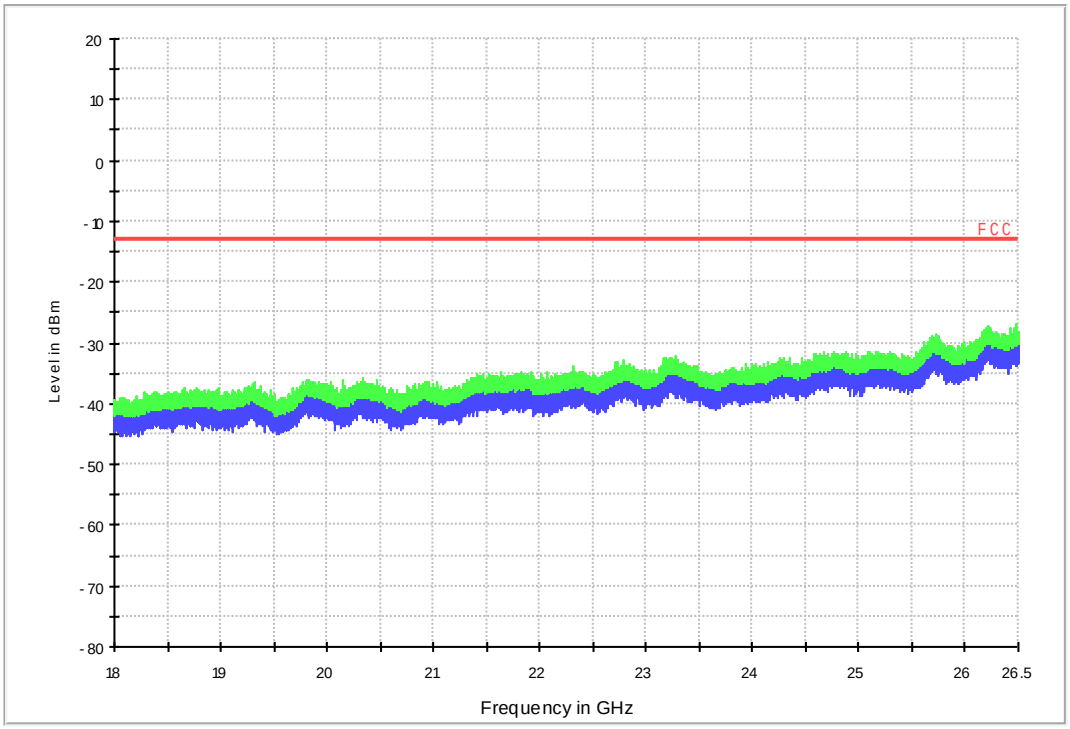
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



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



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



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
Band41	LTE/TM1	5	LCH	TN	VL	-79.97990	-0.03152	PASS
					VN	-19.79828	-0.00780	PASS
					VH	-14.20498	-0.00560	PASS
			MCH	TN	VL	-57.62100	-0.02220	PASS
					VN	-23.40317	-0.00902	PASS
					VH	-60.32467	-0.02325	PASS
			HCH	TN	VL	-60.56786	-0.02283	PASS
					VN	-70.02354	-0.02640	PASS
					VH	-67.96360	-0.02562	PASS
		10	LCH	TN	VL	-42.91534	-0.01690	PASS
					VN	-18.79692	-0.00740	PASS
					VH	-32.44400	-0.01277	PASS
			MCH	TN	VL	-19.08302	-0.00735	PASS
					VN	-55.38940	-0.02134	PASS
					VH	-20.42770	-0.00787	PASS
			HCH	TN	VL	-22.25876	-0.00840	PASS
					VN	-48.02227	-0.01812	PASS
					VH	-23.34595	-0.00881	PASS
		15	LCH	TN	VL	-12.73155	-0.00501	PASS
					VN	-14.77718	-0.00581	PASS
					VH	-14.94884	-0.00588	PASS
			MCH	TN	VL	-19.82689	-0.00764	PASS
					VN	-21.51489	-0.00829	PASS
					VH	-33.96034	-0.01309	PASS
			HCH	TN	VL	-31.31390	-0.01183	PASS
					VN	-20.79964	-0.00786	PASS
					VH	-32.28664	-0.01220	PASS
		20	LCH	TN	VL	-14.71996	-0.00578	PASS
					VN	-12.77447	-0.00502	PASS
					VH	-13.18932	-0.00518	PASS
			MCH	TN	VL	-18.38207	-0.00708	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	-17.98153	-0.00693	PASS
					VH	-17.91000	-0.00690	PASS
			HCH	TN	VL	-20.98560	-0.00793	PASS
					VN	-19.25468	-0.00728	PASS
					VH	-20.41340	-0.00772	PASS
	LTE/TM2	5	LCH	TN	VL	-51.31245	-0.02022	PASS
					VN	-61.12576	-0.02409	PASS
					VH	-63.09986	-0.02487	PASS
			MCH	TN	VL	-71.25378	-0.02746	PASS
					VN	-24.36161	-0.00939	PASS
					VH	-18.91136	-0.00729	PASS
			HCH	TN	VL	-76.67542	-0.02891	PASS
					VN	-37.25052	-0.01404	PASS
					VH	-76.20335	-0.02873	PASS
		10	LCH	TN	VL	-48.78044	-0.01920	PASS
					VN	-20.71381	-0.00816	PASS
					VH	-54.96025	-0.02164	PASS
			MCH	TN	VL	-18.62526	-0.00718	PASS
					VN	-17.62390	-0.00679	PASS
					VH	-34.89017	-0.01345	PASS
			HCH	TN	VL	-20.37048	-0.00769	PASS
					VN	-23.81802	-0.00899	PASS
					VH	-19.42635	-0.00733	PASS
		15	LCH	TN	VL	-10.11372	-0.00398	PASS
					VN	-15.40661	-0.00606	PASS
					VH	-14.30511	-0.00563	PASS
			MCH	TN	VL	-25.21992	-0.00972	PASS
					VN	-21.41476	-0.00825	PASS
					VH	-21.30032	-0.00821	PASS
			HCH	TN	VL	-28.85342	-0.01090	PASS
					VN	-21.70086	-0.00820	PASS
					VH	-32.71580	-0.01236	PASS
		20	LCH	TN	VL	-14.24789	-0.00560	PASS
					VN	-15.30647	-0.00601	PASS
					VH	-15.85007	-0.00623	PASS
			MCH	TN	VL	-19.89841	-0.00767	PASS
					VN	-23.54622	-0.00907	PASS
					VH	-15.64980	-0.00603	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	-18.35346	-0.00694	PASS
					VN	-19.21177	-0.00726	PASS
					VH	-18.26763	-0.00691	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
Band41	LTE/TM1	5	LCH	VN	-30	-70.06645	-0.02761	PASS
					-20	-72.44110	-0.02855	PASS
					-10	-73.37093	-0.02891	PASS
					0	-75.17338	-0.02962	PASS
					10	-60.28175	-0.02376	PASS
					20	-19.79828	-0.00780	PASS
					30	-66.23268	-0.02610	PASS
					40	-63.17139	-0.02490	PASS
					50	-71.18225	-0.02805	PASS
			MCH	VN	-30	-22.15862	-0.00854	PASS
					-20	-20.11299	-0.00775	PASS
					-10	-21.58642	-0.00832	PASS
					0	-19.08302	-0.00735	PASS
					10	-21.95835	-0.00846	PASS
					20	-23.40317	-0.00902	PASS
					30	-24.04690	-0.00927	PASS
					40	-21.55781	-0.00831	PASS
					50	-20.72811	-0.00799	PASS
			HCH	VN	-30	-74.55826	-0.02811	PASS
					-20	-69.52286	-0.02621	PASS
					-10	-93.81294	-0.03537	PASS
					0	-60.72521	-0.02289	PASS
					10	-53.12920	-0.02003	PASS
					20	-70.02354	-0.02640	PASS
					30	-65.46021	-0.02468	PASS
					40	-47.42146	-0.01788	PASS
					50	-29.28257	-0.01104	PASS
		10	LCH	VN	-30	-49.10946	-0.01933	PASS
					-20	-49.56722	-0.01951	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	-43.35880	-0.01707	PASS
					0	-47.37854	-0.01865	PASS
					10	-17.63821	-0.00694	PASS
					20	-18.79692	-0.00740	PASS
					30	-45.11833	-0.01776	PASS
					40	-35.33363	-0.01391	PASS
					50	-15.23495	-0.00600	PASS
			MCH	VN	-30	-20.37048	-0.00785	PASS
					-20	-21.34323	-0.00822	PASS
					-10	-17.06600	-0.00658	PASS
					0	-15.77854	-0.00608	PASS
					10	-13.26084	-0.00511	PASS
					20	-55.38940	-0.02134	PASS
					30	-17.43793	-0.00672	PASS
					40	-18.59665	-0.00717	PASS
					50	-20.18452	-0.00778	PASS
			HCH	VN	-30	-22.25876	-0.00840	PASS
					-20	-21.78669	-0.00822	PASS
					-10	-24.53327	-0.00926	PASS
					0	-19.94133	-0.00753	PASS
					10	-22.05849	-0.00832	PASS
					20	-48.02227	-0.01812	PASS
					30	-20.48492	-0.00773	PASS
					40	-25.00534	-0.00944	PASS
					50	-22.70222	-0.00857	PASS
		15	LCH	VN	-30	-14.76288	-0.00581	PASS
					-20	-26.26419	-0.01033	PASS
					-10	-10.18524	-0.00401	PASS
					0	-12.77447	-0.00502	PASS
					10	-17.20905	-0.00677	PASS
					20	-14.77718	-0.00581	PASS
					30	-23.03123	-0.00906	PASS
					40	-12.74586	-0.00501	PASS
					50	-14.44817	-0.00568	PASS
			MCH	VN	-30	-18.93997	-0.00730	PASS
					-20	-21.17157	-0.00816	PASS
					-10	-33.88882	-0.01306	PASS
					0	-18.33916	-0.00707	PASS
					10	-16.83712	-0.00649	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	-21.51489	-0.00829	PASS
					30	-21.52920	-0.00830	PASS
					40	-16.83712	-0.00649	PASS
					50	-19.29760	-0.00744	PASS
			HCH	VN	-30	-21.51489	-0.00813	PASS
					-20	-19.62662	-0.00741	PASS
					-10	-20.79964	-0.00786	PASS
					0	-20.54214	-0.00776	PASS
					10	-20.02716	-0.00756	PASS
					20	-20.79964	-0.00786	PASS
					30	-42.08565	-0.01590	PASS
					40	-20.59937	-0.00778	PASS
					50	-20.79964	-0.00786	PASS
		20	LCH	VN	-30	-15.12051	-0.00594	PASS
					-20	-11.87325	-0.00467	PASS
					-10	-14.74857	-0.00580	PASS
					0	-13.79013	-0.00542	PASS
					10	-15.72132	-0.00618	PASS
					20	-12.77447	-0.00502	PASS
					30	-15.44952	-0.00607	PASS
					40	-12.53128	-0.00492	PASS
					50	-23.10276	-0.00908	PASS
			MCH	VN	-30	-16.65115	-0.00642	PASS
					-20	-18.19611	-0.00701	PASS
					-10	-17.59529	-0.00678	PASS
					0	-20.71381	-0.00798	PASS
					10	-17.63821	-0.00680	PASS
					20	-17.98153	-0.00693	PASS
					30	-17.66682	-0.00681	PASS
					40	-18.48221	-0.00712	PASS
					50	-19.78397	-0.00762	PASS
			HCH	VN	-30	-20.11299	-0.00760	PASS
					-20	-17.38071	-0.00657	PASS
					-10	-20.75672	-0.00785	PASS
					0	-18.19611	-0.00688	PASS
					10	-20.67089	-0.00782	PASS
					20	-19.25468	-0.00728	PASS
					30	-20.12730	-0.00761	PASS
					40	-20.21313	-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
					50	-23.26012	-0.00879	PASS
	LTE/TM2	5	LCH	VN	-30	-73.74287	-0.02906	PASS
					-20	-56.44798	-0.02225	PASS
					-10	-70.36686	-0.02773	PASS
					0	-47.97935	-0.01891	PASS
					10	-84.68628	-0.03337	PASS
					20	-61.12576	-0.02409	PASS
					30	-55.14622	-0.02173	PASS
					40	-65.67478	-0.02588	PASS
					50	-68.02082	-0.02681	PASS
			MCH	VN	-30	-19.62662	-0.00756	PASS
					-20	-72.12639	-0.02779	PASS
					-10	-21.58642	-0.00832	PASS
					0	-19.14024	-0.00738	PASS
					10	-21.88683	-0.00843	PASS
					20	-24.36161	-0.00939	PASS
					30	-20.79964	-0.00802	PASS
					40	-20.77103	-0.00800	PASS
					50	-21.17157	-0.00816	PASS
			HCH	VN	-30	-60.33897	-0.02275	PASS
					-20	-51.08356	-0.01926	PASS
					-10	-49.92485	-0.01882	PASS
					0	-51.22662	-0.01931	PASS
					10	-65.76061	-0.02479	PASS
					20	-37.25052	-0.01404	PASS
					30	-56.63395	-0.02135	PASS
					40	-28.78189	-0.01085	PASS
					50	-77.94857	-0.02939	PASS
		10	LCH	VN	-30	-38.68103	-0.01523	PASS
					-20	-46.11969	-0.01816	PASS
					-10	-35.49099	-0.01397	PASS
					0	-46.60606	-0.01835	PASS
					10	-17.91000	-0.00705	PASS
					20	-20.71381	-0.00816	PASS
					30	-45.17555	-0.01779	PASS
					40	-49.30973	-0.01941	PASS
					50	-21.74377	-0.00856	PASS
			MCH	VN	-30	-18.73970	-0.00722	PASS
					-20	-20.71381	-0.00798	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	-20.95699	-0.00808	PASS
					0	-20.12730	-0.00776	PASS
					10	-18.38207	-0.00708	PASS
					20	-17.62390	-0.00679	PASS
					30	-15.29217	-0.00589	PASS
					40	-19.68384	-0.00759	PASS
					50	-20.89977	-0.00805	PASS
			HCH	VN	-30	-23.96107	-0.00904	PASS
					-20	-22.07279	-0.00833	PASS
					-10	-28.16677	-0.01063	PASS
					0	-24.77646	-0.00935	PASS
					10	-21.57211	-0.00814	PASS
					20	-23.81802	-0.00899	PASS
					30	-21.75808	-0.00821	PASS
					40	-20.49923	-0.00774	PASS
					50	-23.78941	-0.00898	PASS
		15	LCH	VN	-30	-31.64291	-0.01245	PASS
					-20	-29.03938	-0.01142	PASS
					-10	-13.34667	-0.00525	PASS
					0	-14.46247	-0.00569	PASS
					10	-13.80444	-0.00543	PASS
					20	-15.40661	-0.00606	PASS
					30	-35.47668	-0.01395	PASS
					40	-13.14640	-0.00517	PASS
					50	-13.68999	-0.00538	PASS
			MCH	VN	-30	-18.82553	-0.00725	PASS
					-20	-21.92974	-21.92974	PASS
					-10	-20.69950	-0.00798	PASS
					0	-18.89706	-0.00728	PASS
					10	-31.51417	-0.01214	PASS
					20	-21.41476	-0.00825	PASS
					30	-21.34323	-0.00822	PASS
					40	-34.41811	-0.01326	PASS
					50	-24.99104	-0.00963	PASS
			HCH	VN	-30	-22.11571	-0.00835	PASS
					-20	-20.07008	-0.00758	PASS
					-10	-21.81530	-0.00824	PASS
					0	-21.27171	-0.00803	PASS
					10	-18.43929	-0.00696	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	-21.70086	-0.00820	PASS
					30	-34.93309	-0.01319	PASS
					40	-19.94133	-0.00753	PASS
					50	-22.40181	-0.00846	PASS
		20	LCH	VN	-30	-16.32214	-0.00641	PASS
					-20	-16.93726	-0.00666	PASS
					-10	-15.33508	-0.00603	PASS
					0	-14.47678	-0.00569	PASS
					10	-15.53535	-0.00610	PASS
					20	-15.30647	-0.00601	PASS
					30	-15.79285	-0.00621	PASS
					40	-15.09190	-0.00593	PASS
					50	-22.07279	-0.00867	PASS
			MCH	VN	-30	-18.43929	-0.00711	PASS
					-20	-17.66682	-0.00681	PASS
					-10	-21.37184	-0.00824	PASS
					0	-16.45088	-0.00634	PASS
					10	-18.09597	-0.00697	PASS
					20	-23.54622	-0.00907	PASS
					30	-21.88683	-0.00843	PASS
					40	-21.35754	-0.00823	PASS
					50	-18.19611	-0.00701	PASS
			HCH	VN	-30	-19.39774	-0.00733	PASS
					-20	-20.08438	-0.00759	PASS
					-10	-21.35754	-0.00807	PASS
					0	-19.12594	-0.00723	PASS
					10	-20.65659	-0.00781	PASS
					20	-19.21177	-0.00726	PASS
					30	-19.26899	-0.00729	PASS
					40	-17.20905	-0.00651	PASS
					50	-22.88818	-0.00865	PASS

END

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