Agilent Spectrum Analyzer - Swept SA					Frequency
LXI R L	RF	50 Ω	AC	SENSE:INT	ALIGN AUTO	11:46:03 AM Aug 29, 2015	
Center Freq 13.515000000 GHz		PNO: Fast / IFGain:Low	Trig: Free Run #Atten: 28 dB	Avg Type: Log-Pwr Avg|Hold: 59/100	TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P P	**Auto Tune**

Ref Offset 7 dB
10 dB/div **Ref 25.00 dBm**
Log

Mkr1 2.500 5 GHz
25.869 dBm

```
15.0

5.00

-5.00                                                          -25.00 dBm

-15.0

-25.0

-35.0

-45.0

-55.0

-65.0
```

Start 30 MHz   **Stop 27.00 GHz**
#Res BW 1.0 MHz   **#VBW 3.0 MHz**   **Sweep 69.3 ms (40001 pts)**

MSG ⓘ Points changed; all traces cleared   STATUS

Frequency panel:
- **Auto Tune**
- **Center Freq** 13.515000000 GHz
- **Start Freq** 30.000000 MHz
- **Stop Freq** 27.000000000 GHz
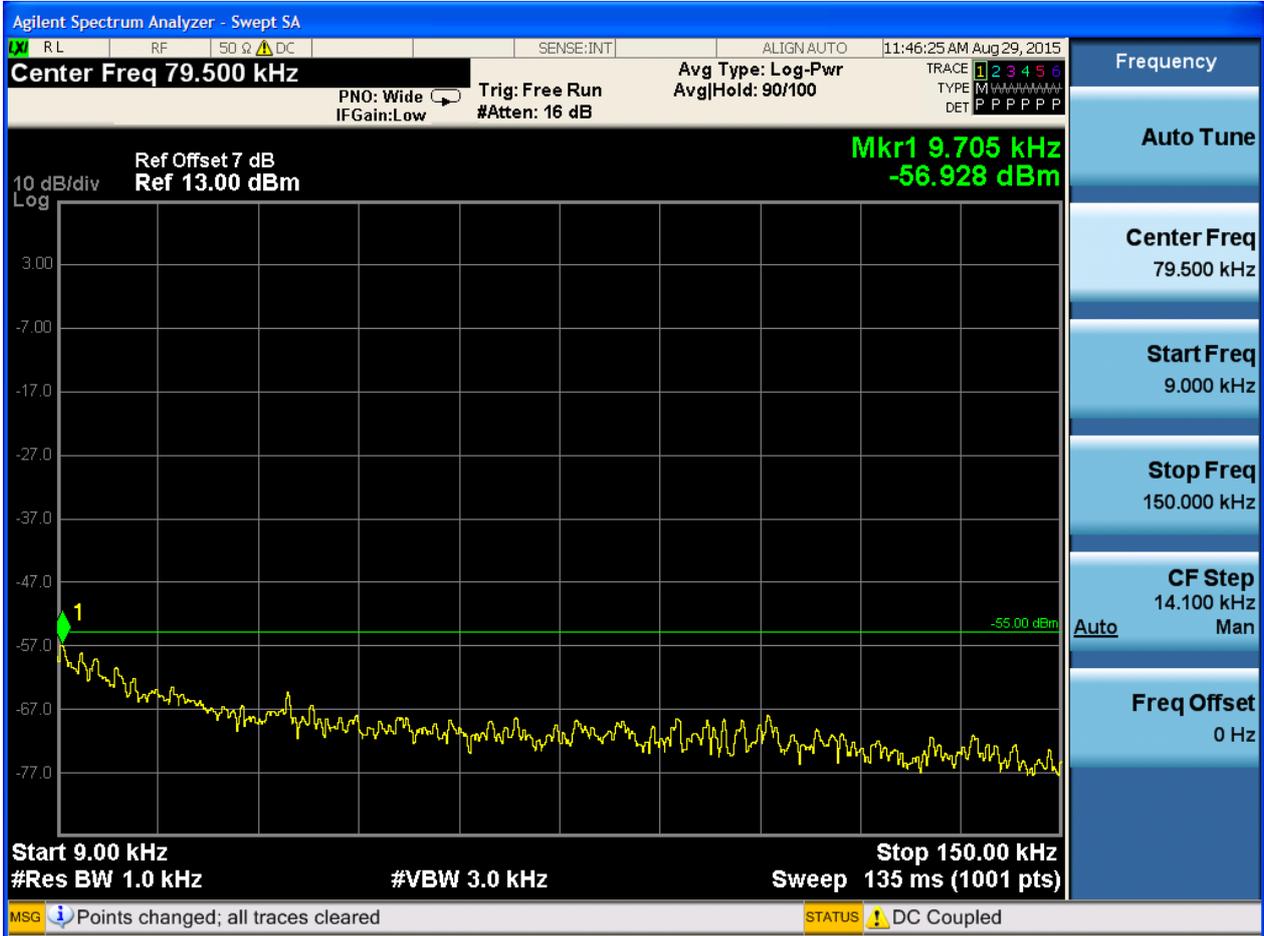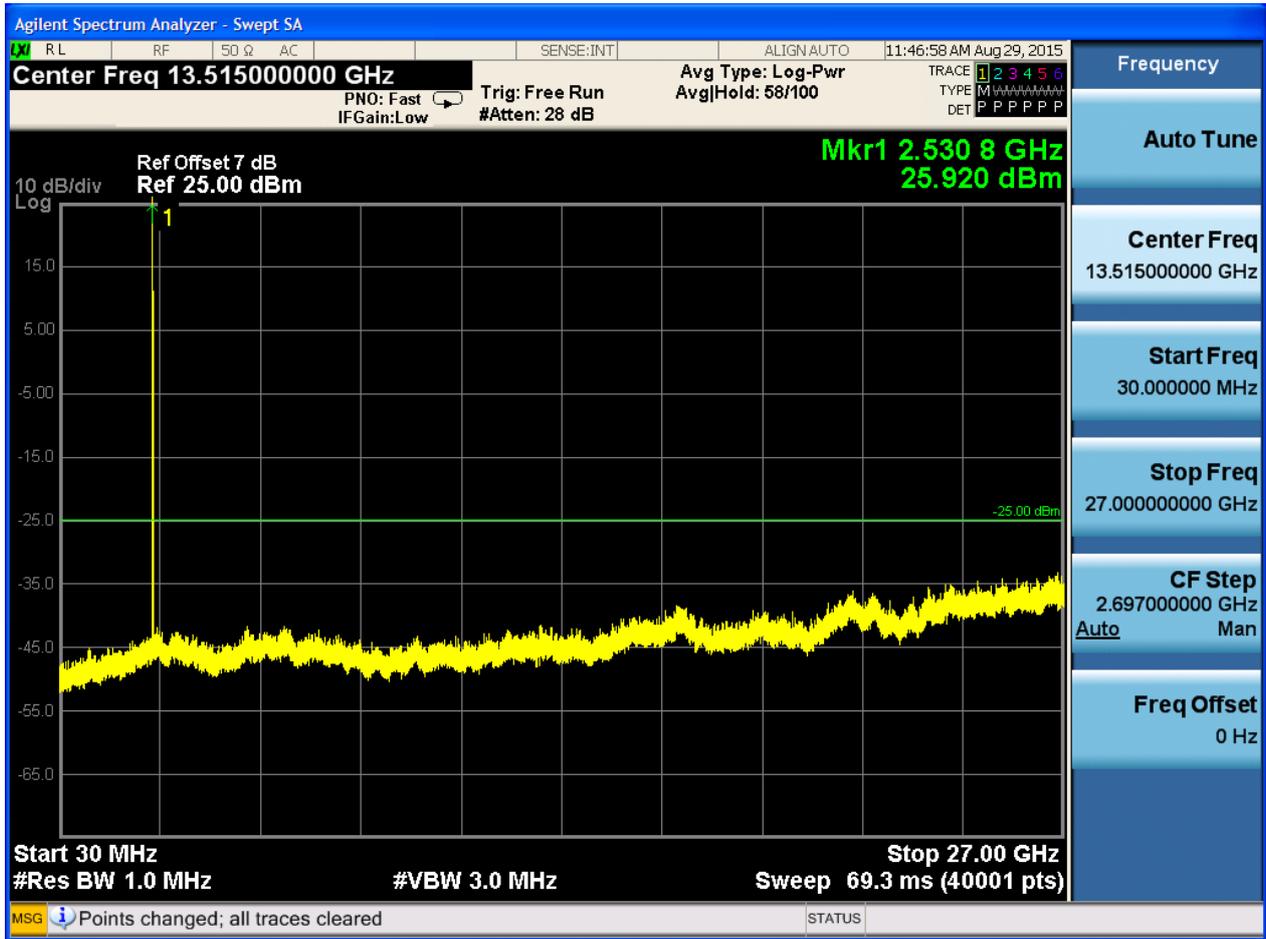- **CF Step** 2.697000000 GHz Auto Man
- **Freq Offset** 0 Hz
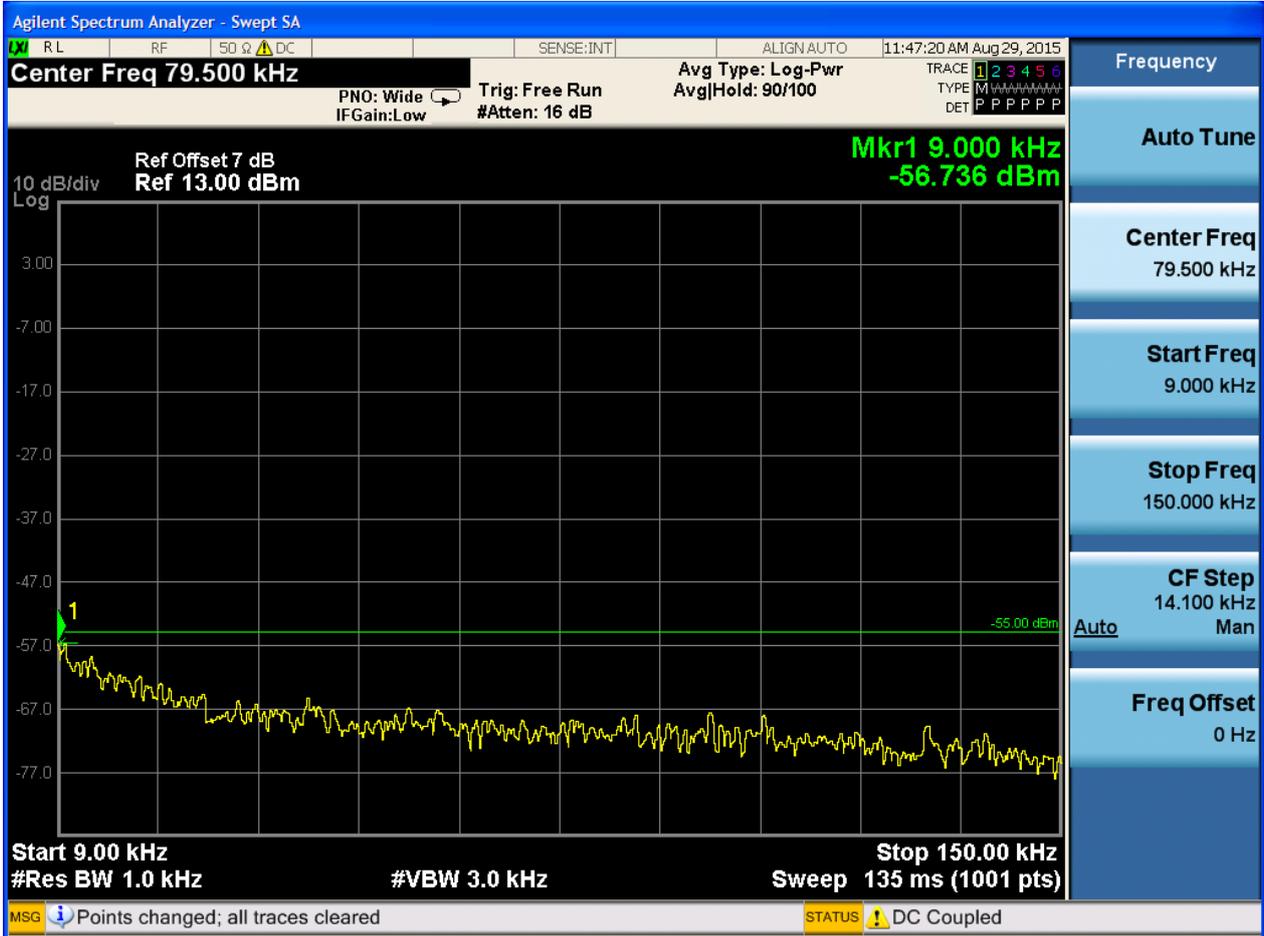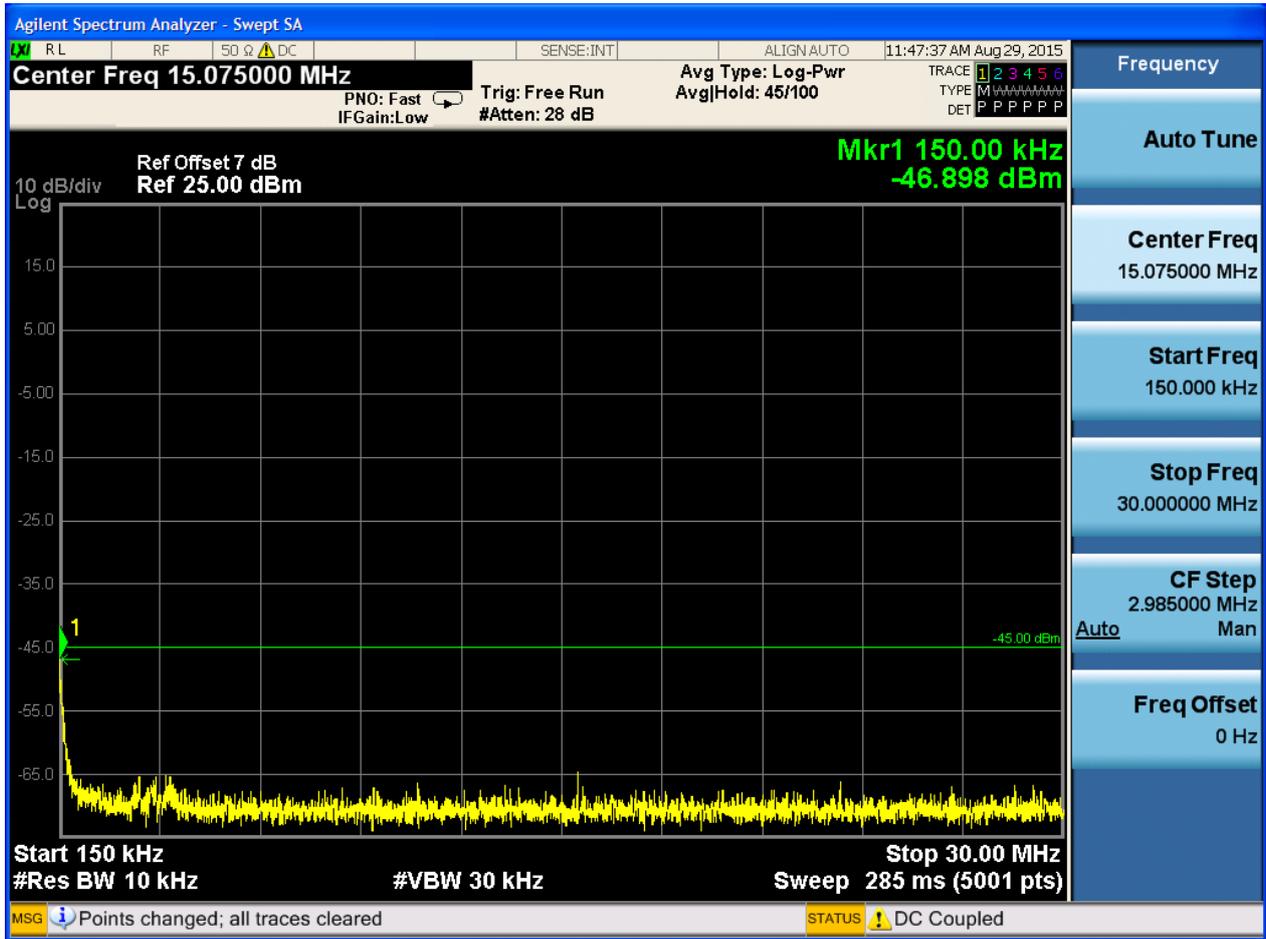
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

Agilent Spectrum Analyzer - Swept SA

LXI R L | RF | 50 Ω ⚠ DC | | | SENSE:INT | ALIGN AUTO | 11:46:41 AM Aug 29, 2015

Center Freq 15.075000 MHz

PNO: Fast
IFGain:Low

Trig: Free Run
#Atten: 28 dB

Avg Type: Log-Pwr
Avg|Hold: 45/100

TRACE 1 2 3 4 5 6
TYPE M WWWWWWW
DET P P P P P P

Mkr1 150.00 kHz
-46.110 dBm

Ref Offset 7 dB
Ref 25.00 dBm
10 dB/div
Log

15.0

5.00

-5.00

-15.0

-25.0

-35.0

1

-45.0

-55.0

-65.0

-45.00 dBm

Start 150 kHz
#Res BW 10 kHz

#VBW 30 kHz

Stop 30.00 MHz
Sweep 285 ms (5001 pts)

MSG ⓘ Points changed; all traces cleared

STATUS ⚠ 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

6.1.1.1.2.3 Test Channel = HCH

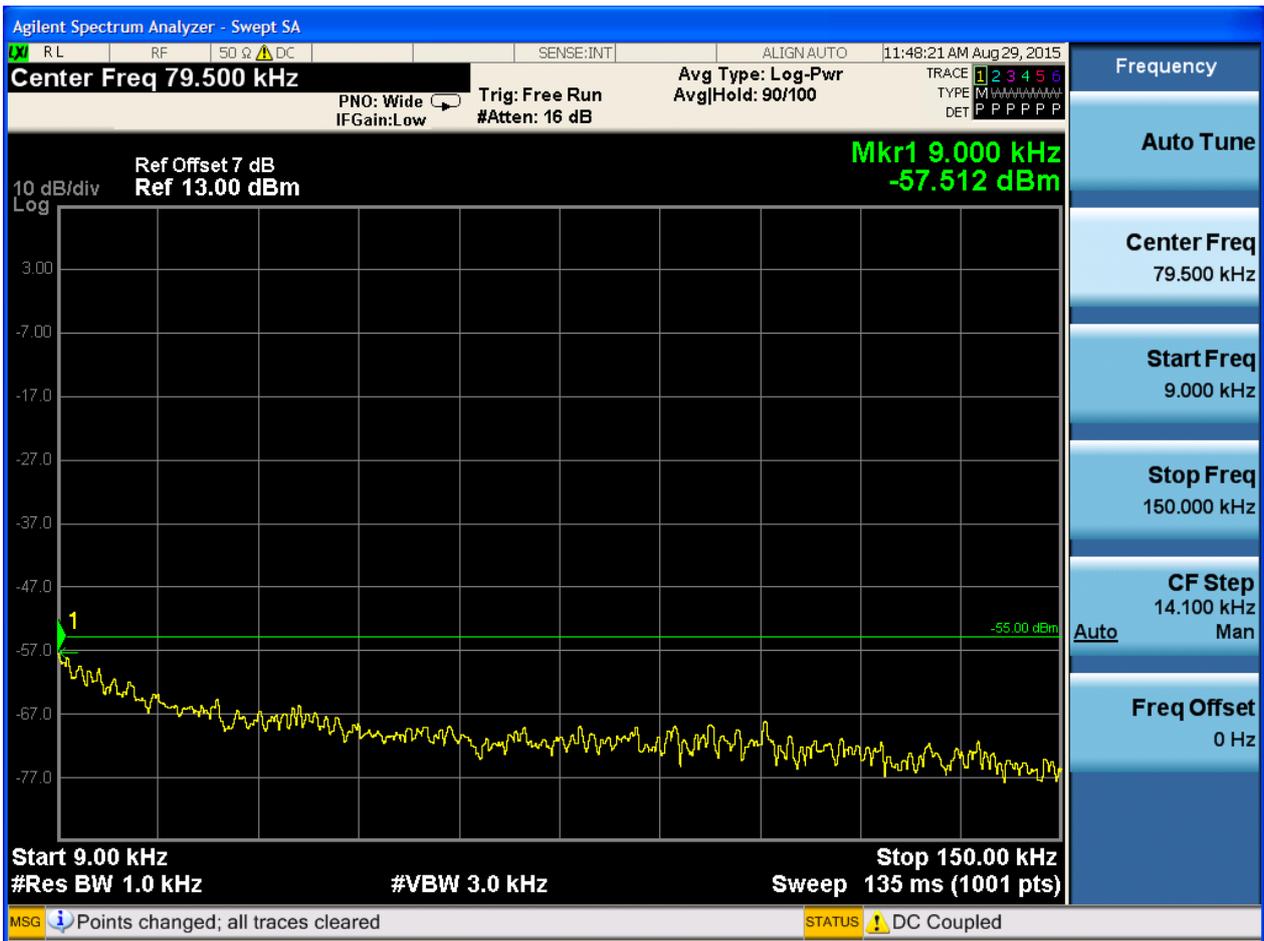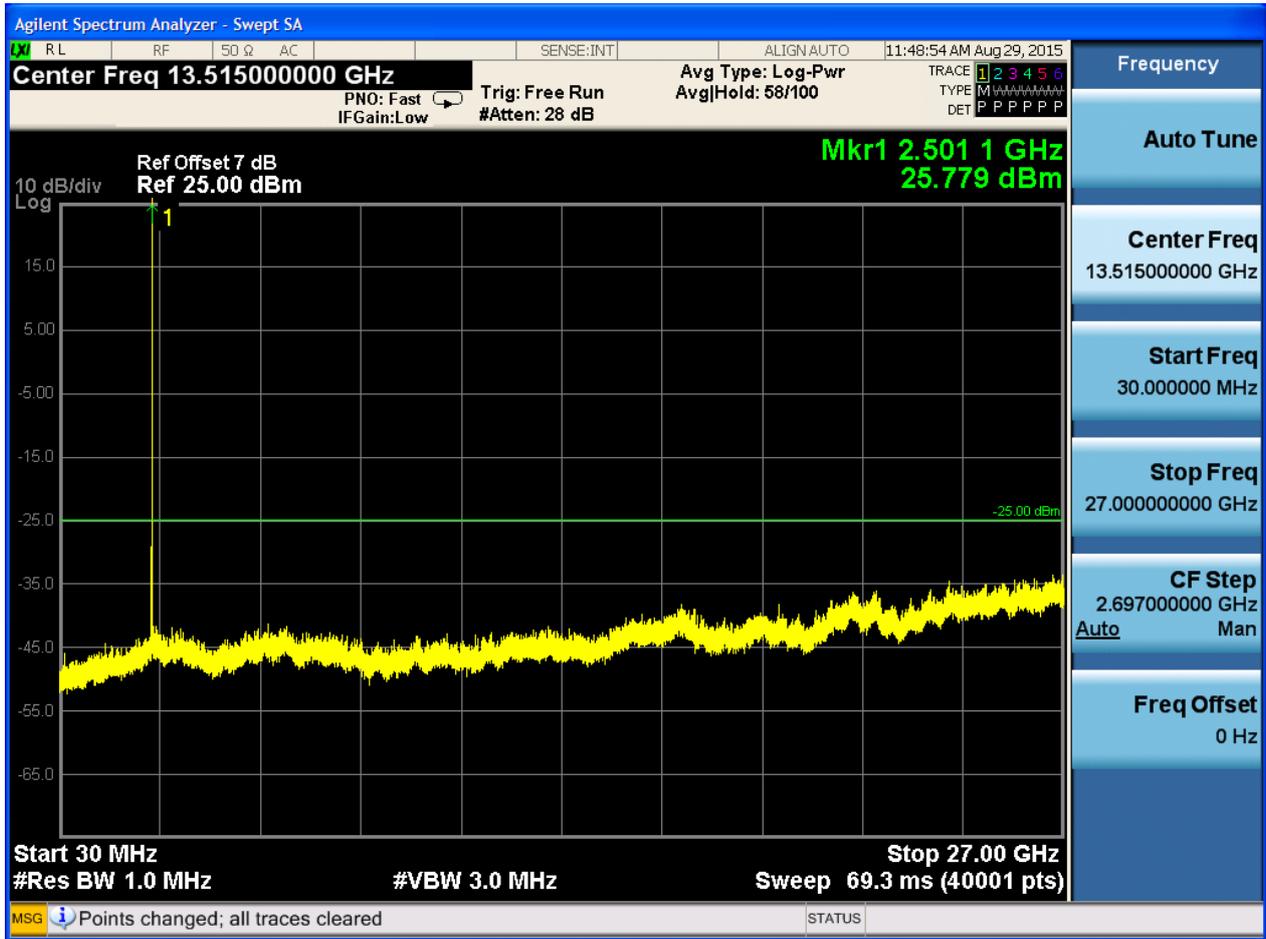### 6.1.1.1.2.3.1 Test RB = RB1#0
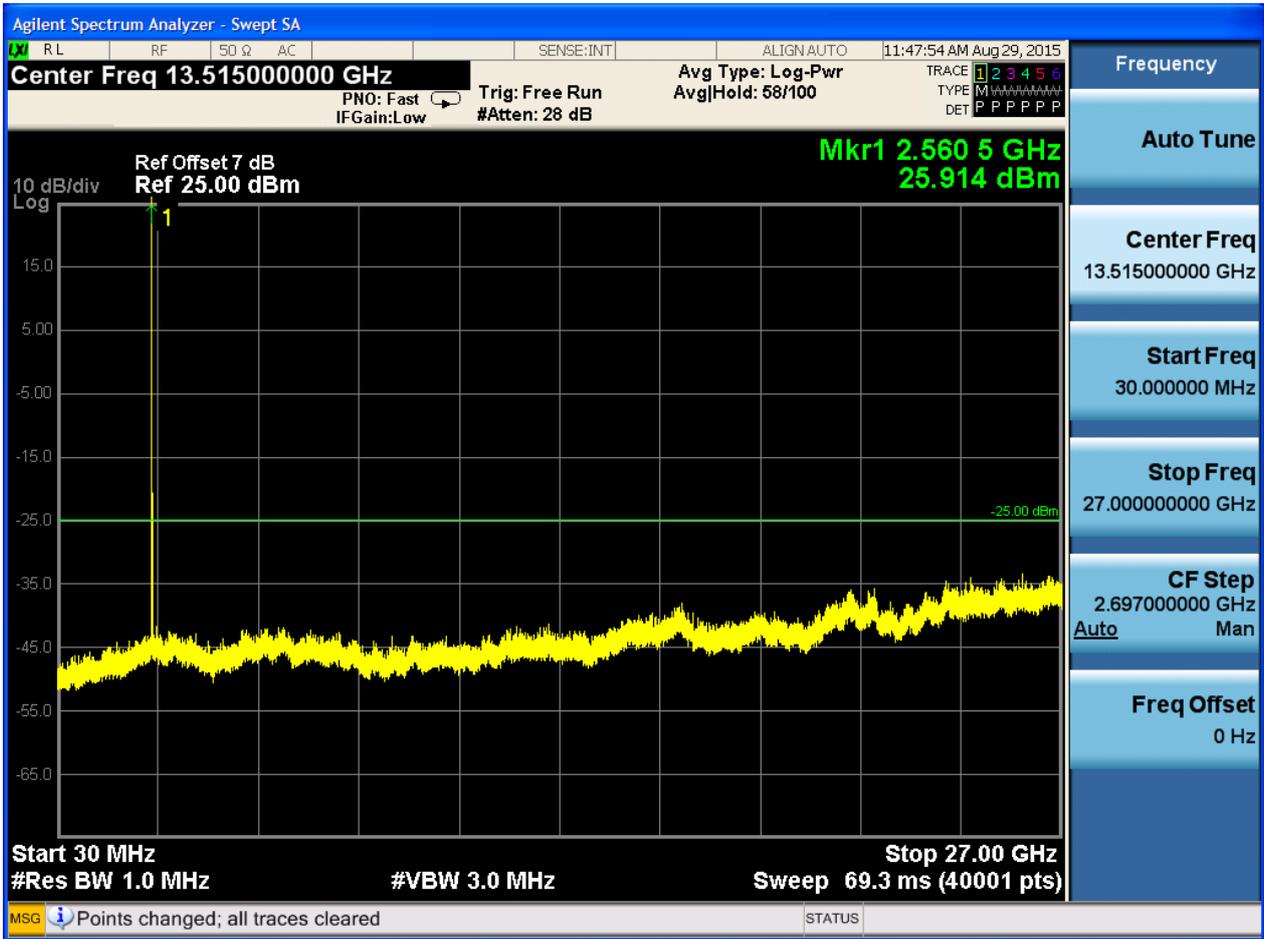
6.1.1.1.3 Test Bandwidth = 15
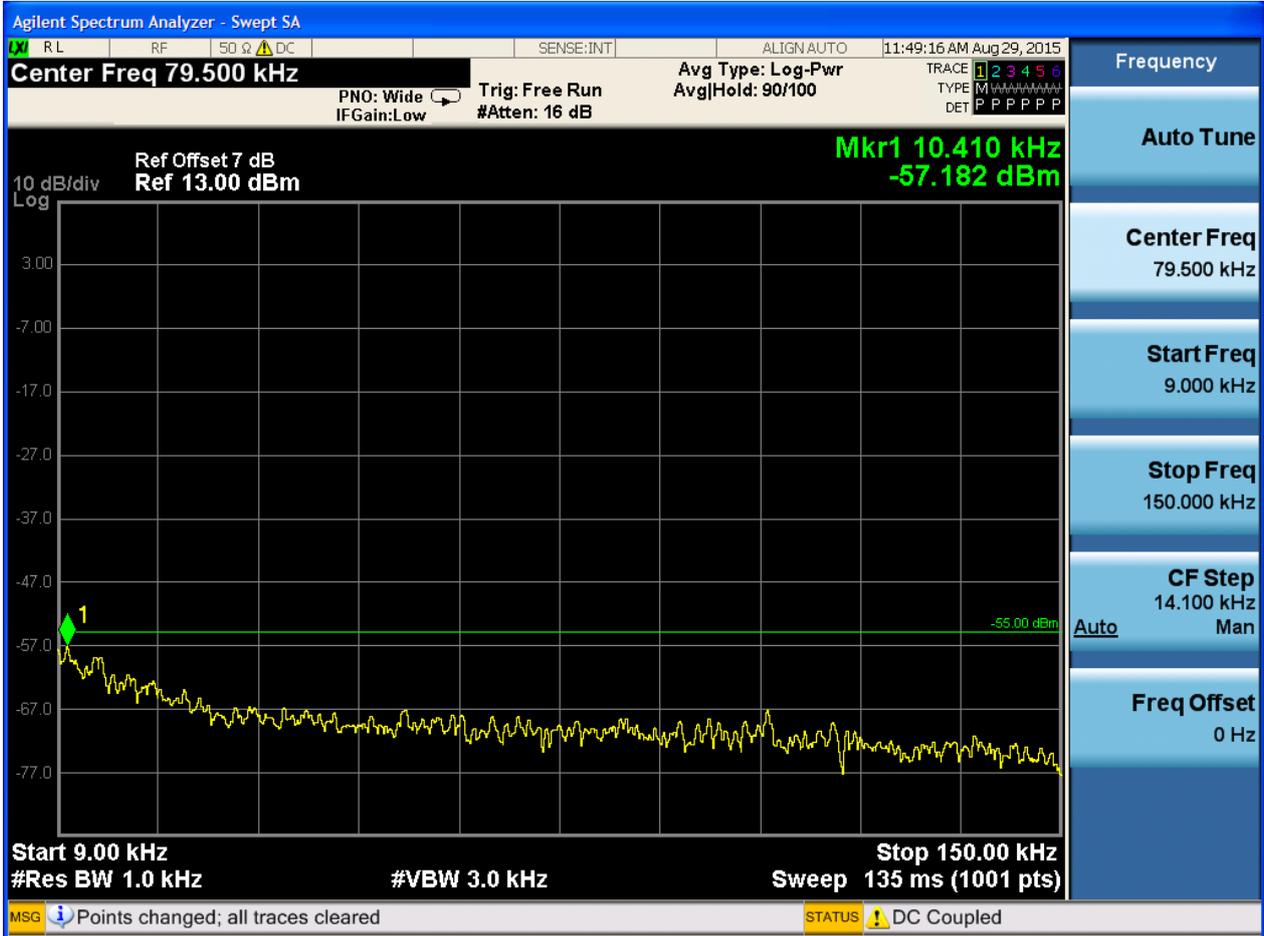
6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0

Agilent Spectrum Analyzer - Swept SA

| LXI | R L | | RF | 50 Ω ⚠ DC | | | SENSE:INT | | ALIGN AUTO | 11:48:38 AM Aug 29, 2015 |

Center Freq 15.075000 MHz

Avg Type: Log-Pwr
Avg|Hold: 45/100

TRACE 1 2 3 4 5 6
TYPE M WWWWWW
DET P P P P P

PNO: Fast ↻
IFGain:Low

Trig: Free Run
#Atten: 28 dB

Ref Offset 7 dB
Ref 25.00 dBm

10 dB/div
Log

Mkr1 161.94 kHz
-47.358 dBm

15.0

5.00

-5.00

-15.0

-25.0

-35.0

1
-45.0   -45.00 dBm

-55.0

-65.0

Start 150 kHz
#Res BW 10 kHz   **#VBW 30 kHz**   **Stop 30.00 MHz**
Sweep 285 ms (5001 pts)

MSG ⓘ Points changed; all traces cleared   STATUS ⚠ DC Coupled

Frequency

Auto Tune

Center Freq
15.075000 MHz

Start Freq
150.000 kHz

Stop Freq
30.000000 MHz

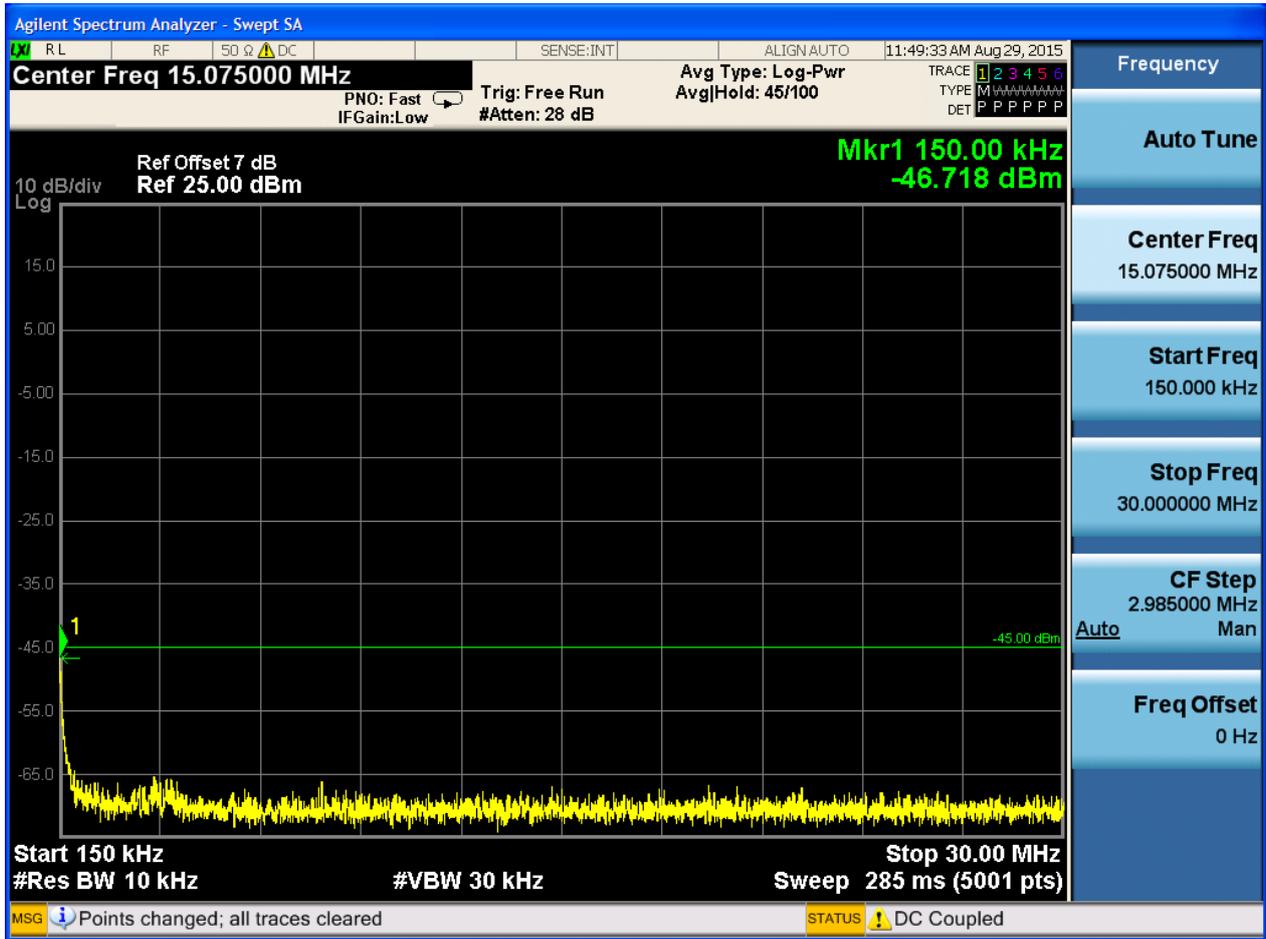**CF Step**
2.985000 MHz
Auto   Man
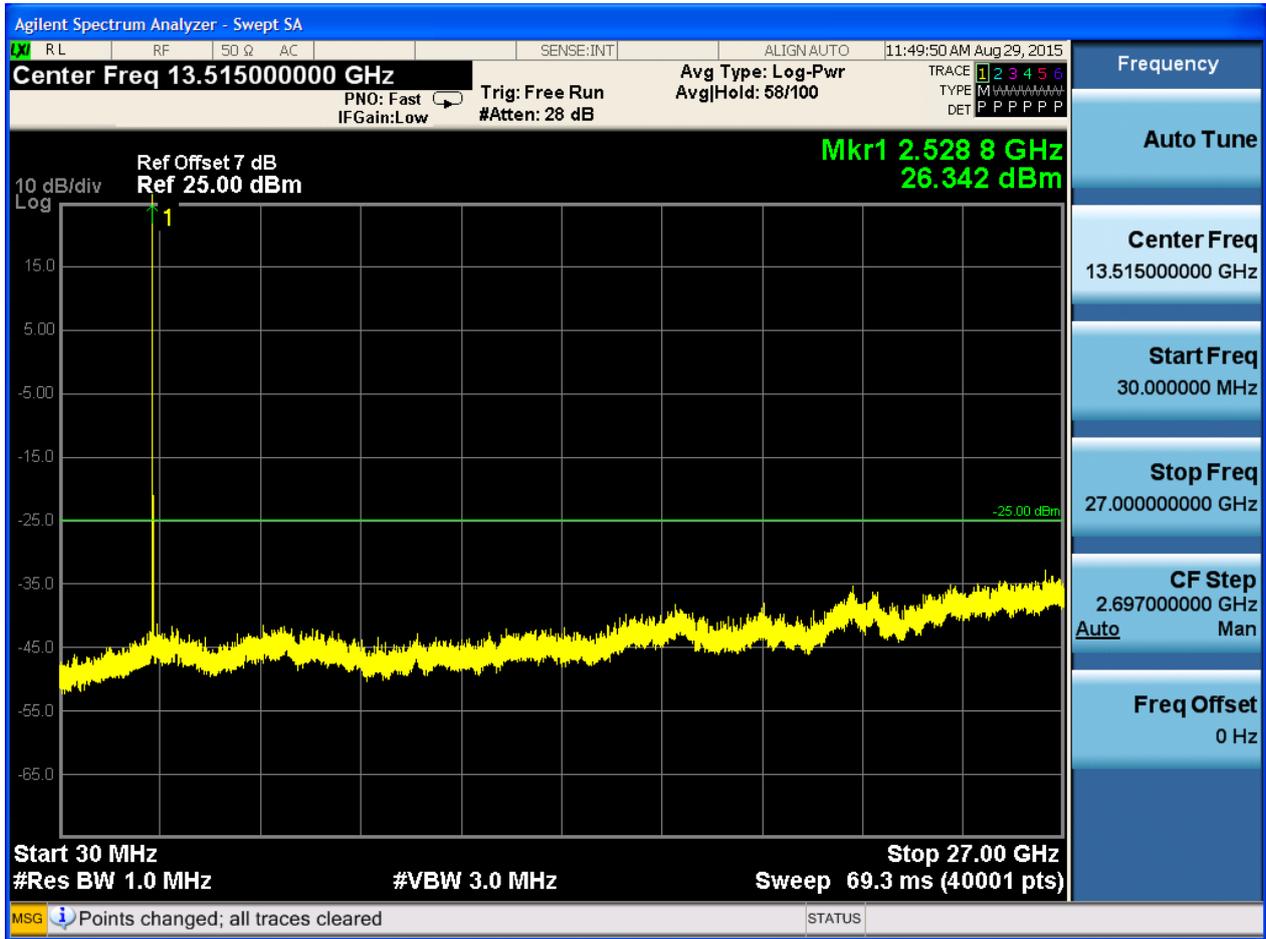
Freq Offset
0 Hz
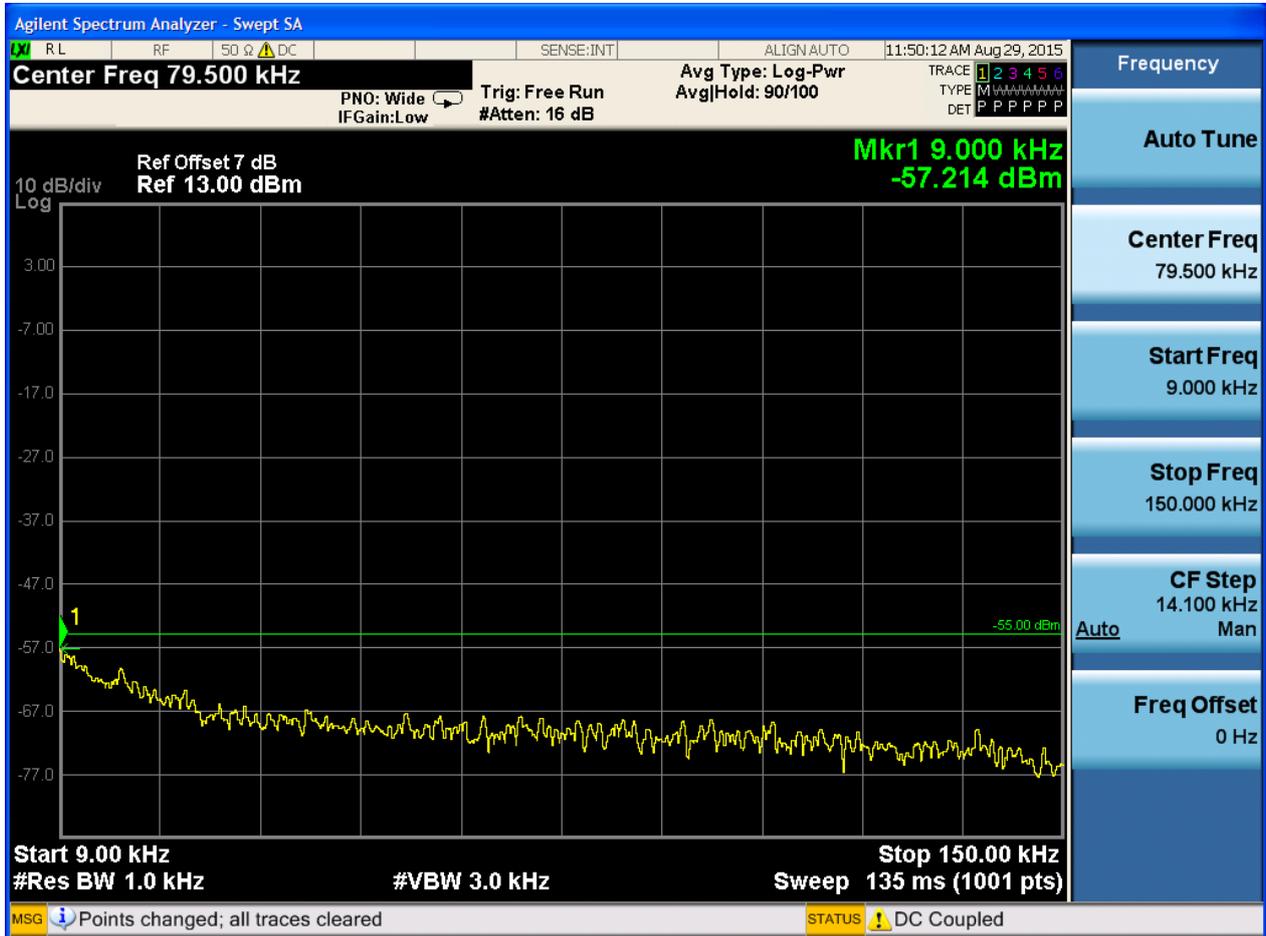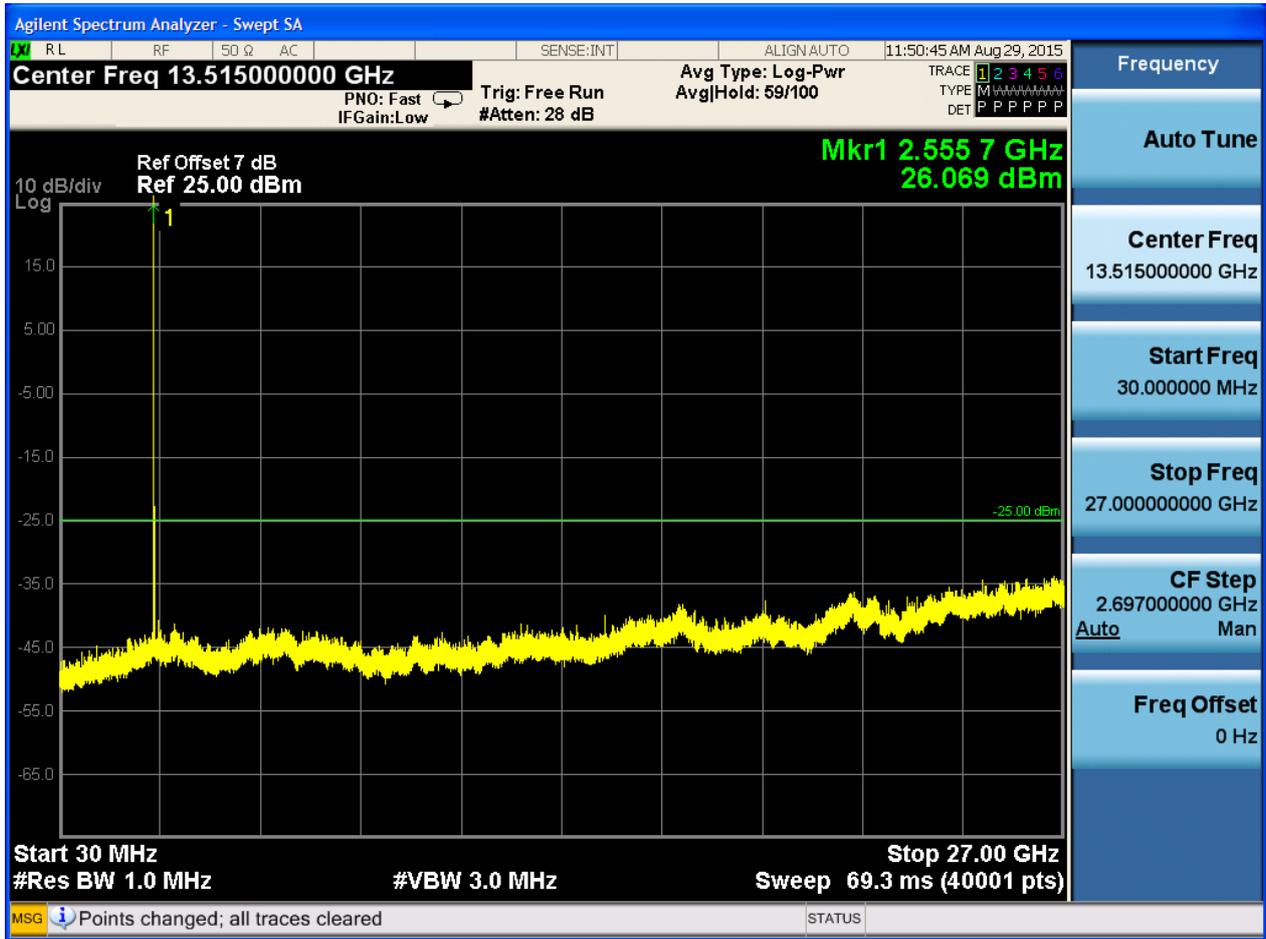
6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0

6.1.1.1.3.3 Test Channel = HCH
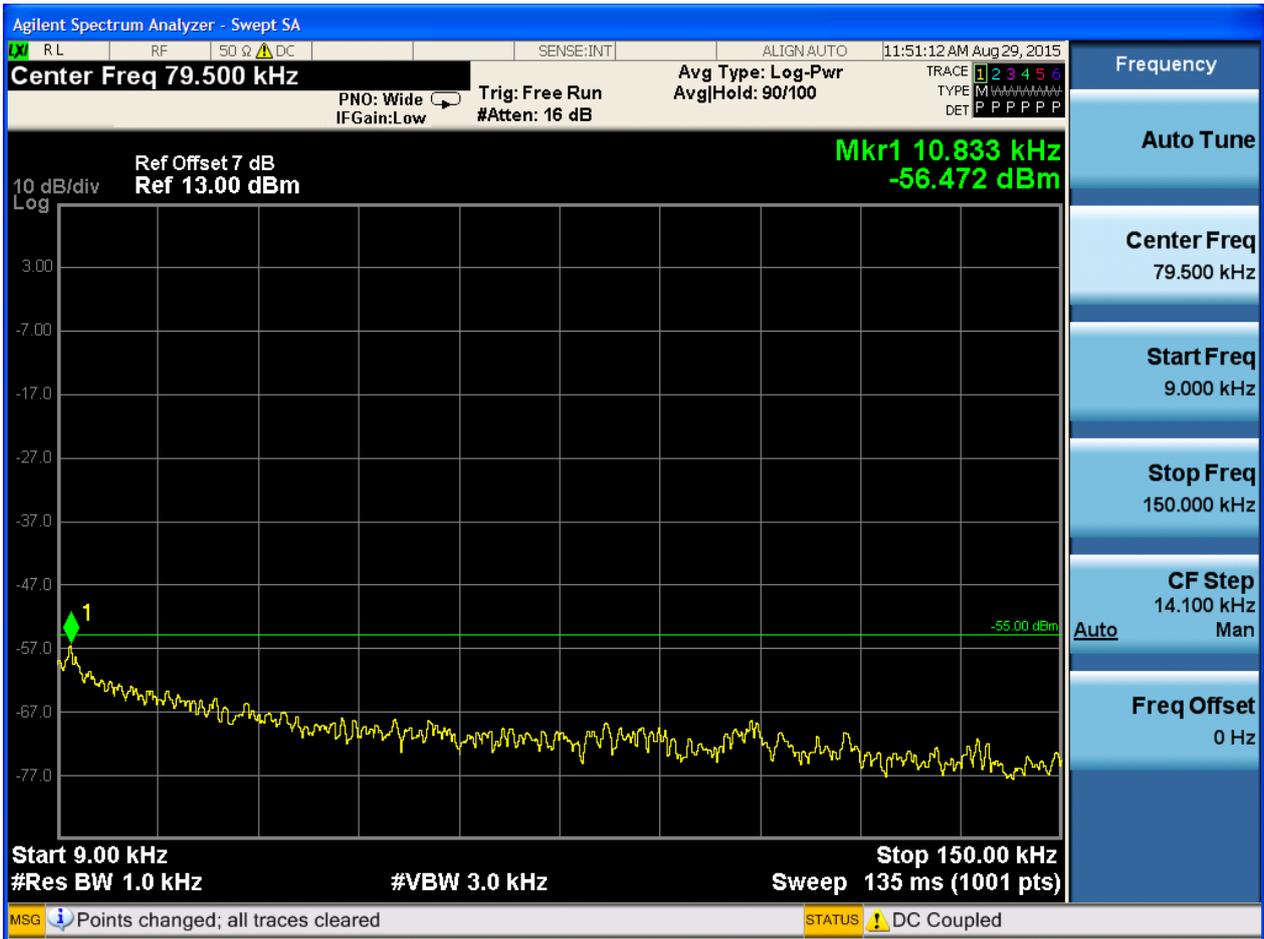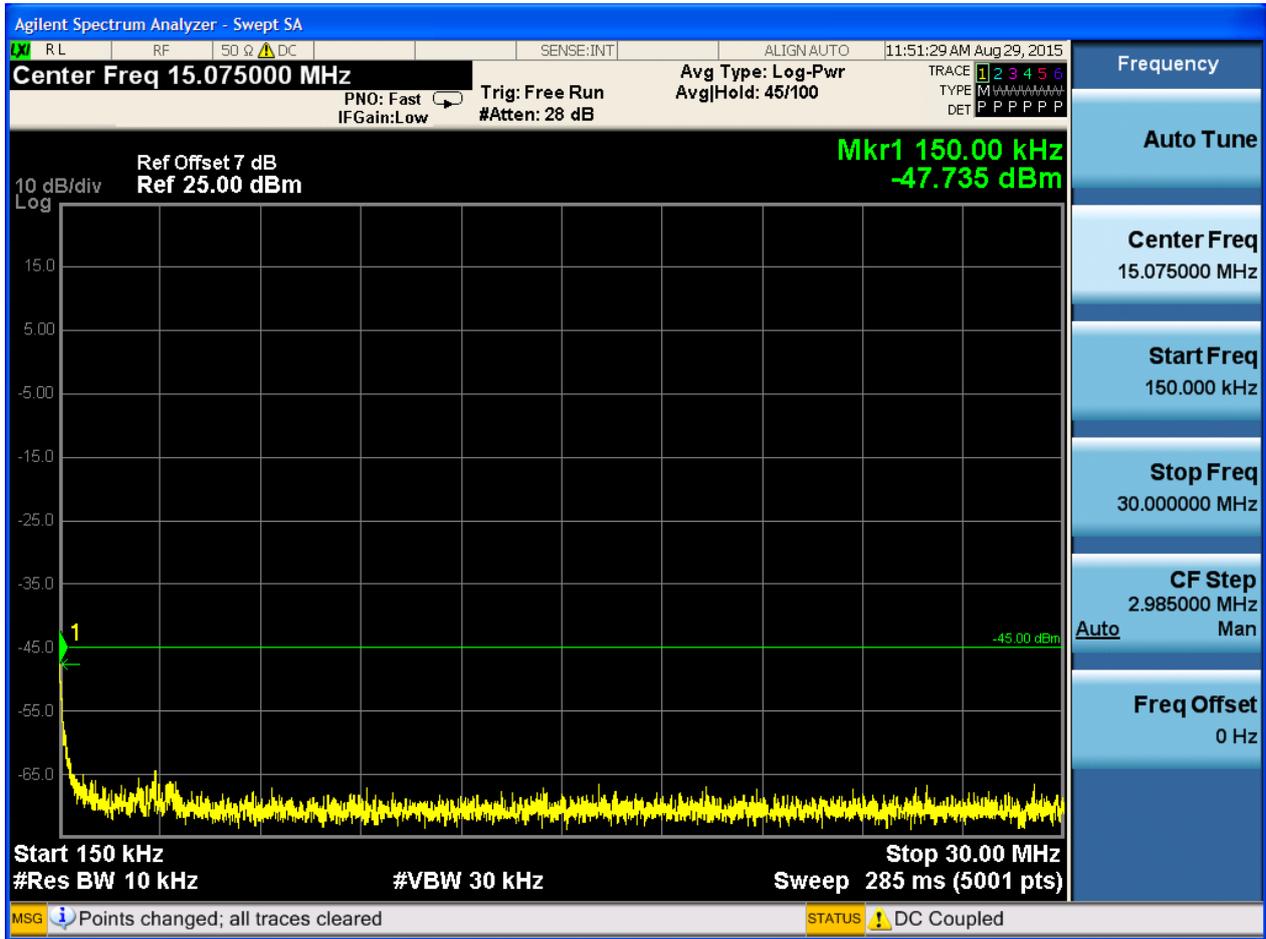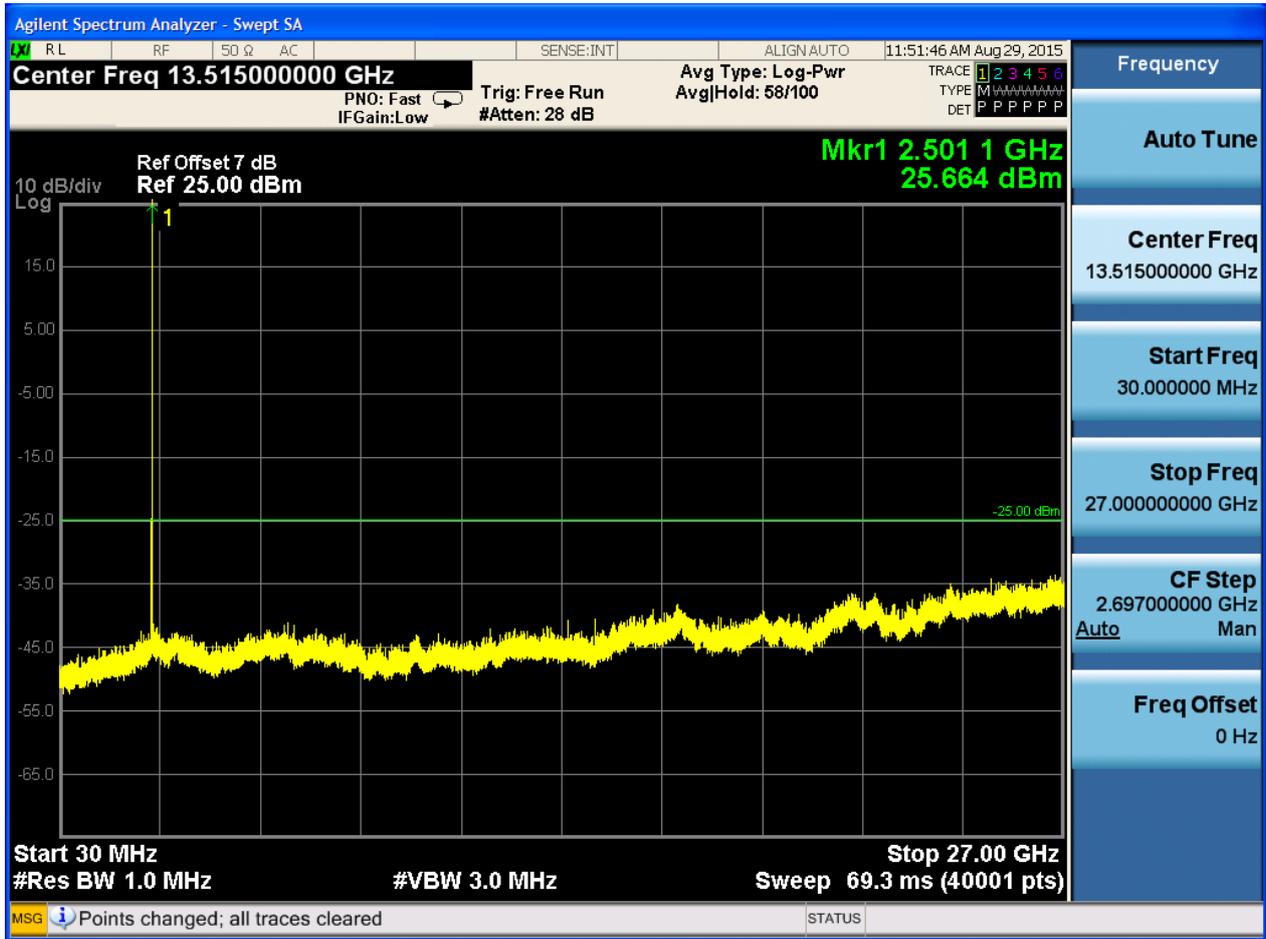
6.1.1.1.3.3.1 Test RB = RB1#0

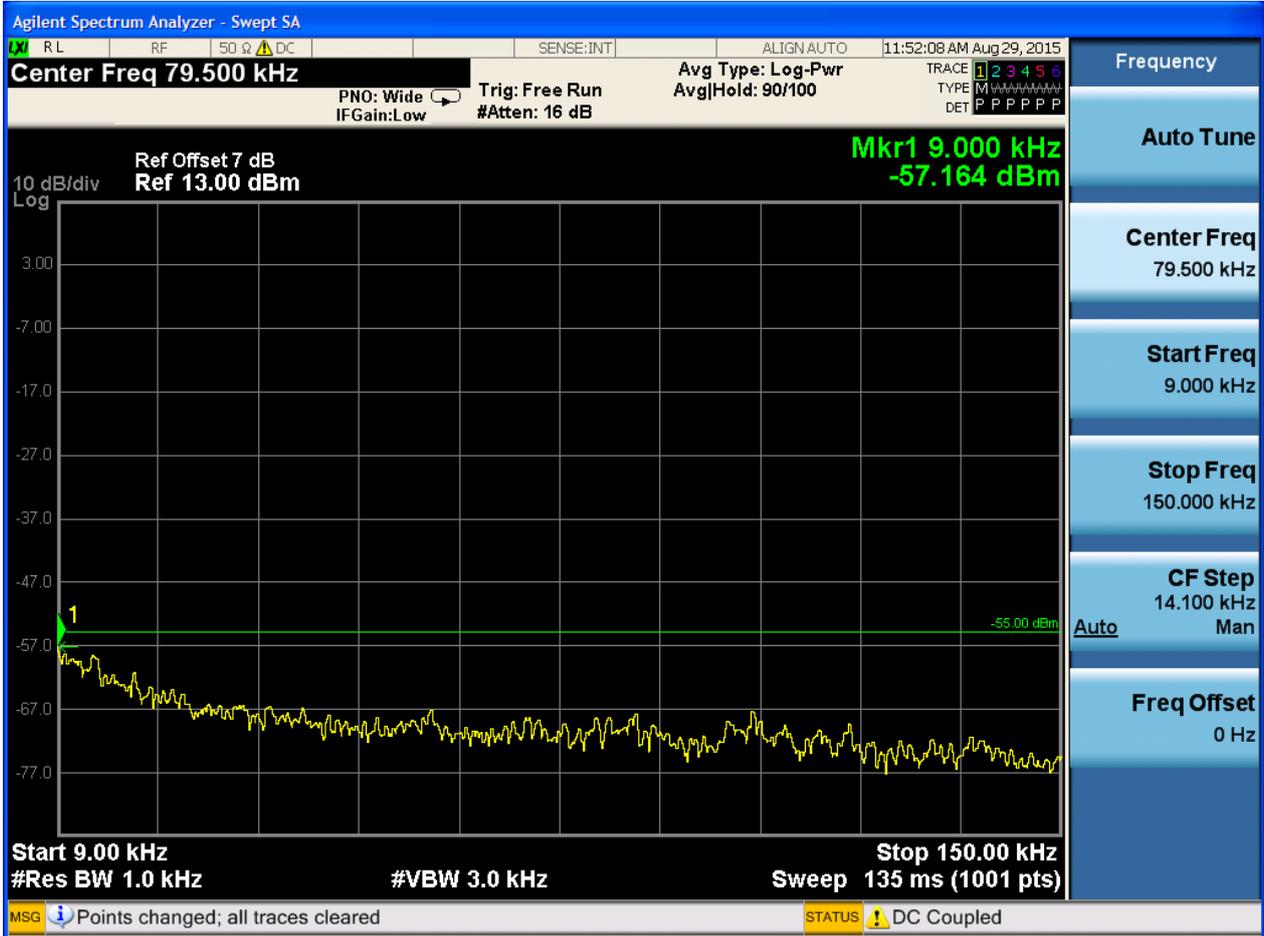### 6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0

Agilent Spectrum Analyzer - Swept SA

| LXI | R L | | RF | 50 Ω ⚠ DC | | | SENSE:INT | | ALIGN AUTO | 11:51:29 AM Aug 29, 2015 | |

Center Freq 15.075000 MHz

PNO: Fast ↻
IFGain:Low

Trig: Free Run
#Atten: 28 dB

Avg Type: Log-Pwr
Avg|Hold: 45/100

TRACE 1 2 3 4 5 6
TYPE M W W W W W
DET P P P P P

Ref Offset 7 dB
10 dB/div   **Ref 25.00 dBm**
Log

Mkr1 150.00 kHz
-47.735 dBm

15.0

5.00

-5.00

-15.0

-25.0

-35.0

-45.0   1

-55.0

-65.0

-45.00 dBm

Start 150 kHz   **Stop 30.00 MHz**
#Res BW 10 kHz   **#VBW 30 kHz**   **Sweep 285 ms (5001 pts)**

MSG ⓘ Points changed; all traces cleared   STATUS ⚠ 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

LXI	R L		RF	50 Ω	AC			SENSE:INT		ALIGN AUTO	11:51:46 AM Aug 29, 2015

Center Freq 13.515000000 GHz

PNO: Fast
IFGain:Low

Trig: Free Run
#Atten: 28 dB

Avg Type: Log-Pwr
Avg|Hold: 58/100

TRACE 1 2 3 4 5 6
TYPE M WWWWWW
DET P P P P P

Ref Offset 7 dB
Ref 25.00 dBm

10 dB/div
Log

Mkr1 2.501 1 GHz
25.664 dBm

1

15.0

5.00

-5.00

-15.0

-25.0   -25.00 dBm

-35.0

-45.0

-55.0

-65.0

Start 30 MHz
#Res BW 1.0 MHz   **#VBW 3.0 MHz**   **Stop 27.00 GHz**
Sweep 69.3 ms (40001 pts)

MSG (i) Points changed; all traces cleared   STATUS

Frequency

Auto Tune

Center Freq
13.515000000 GHz

Start Freq
30.000000 MHz

Stop Freq
27.000000000 GHz
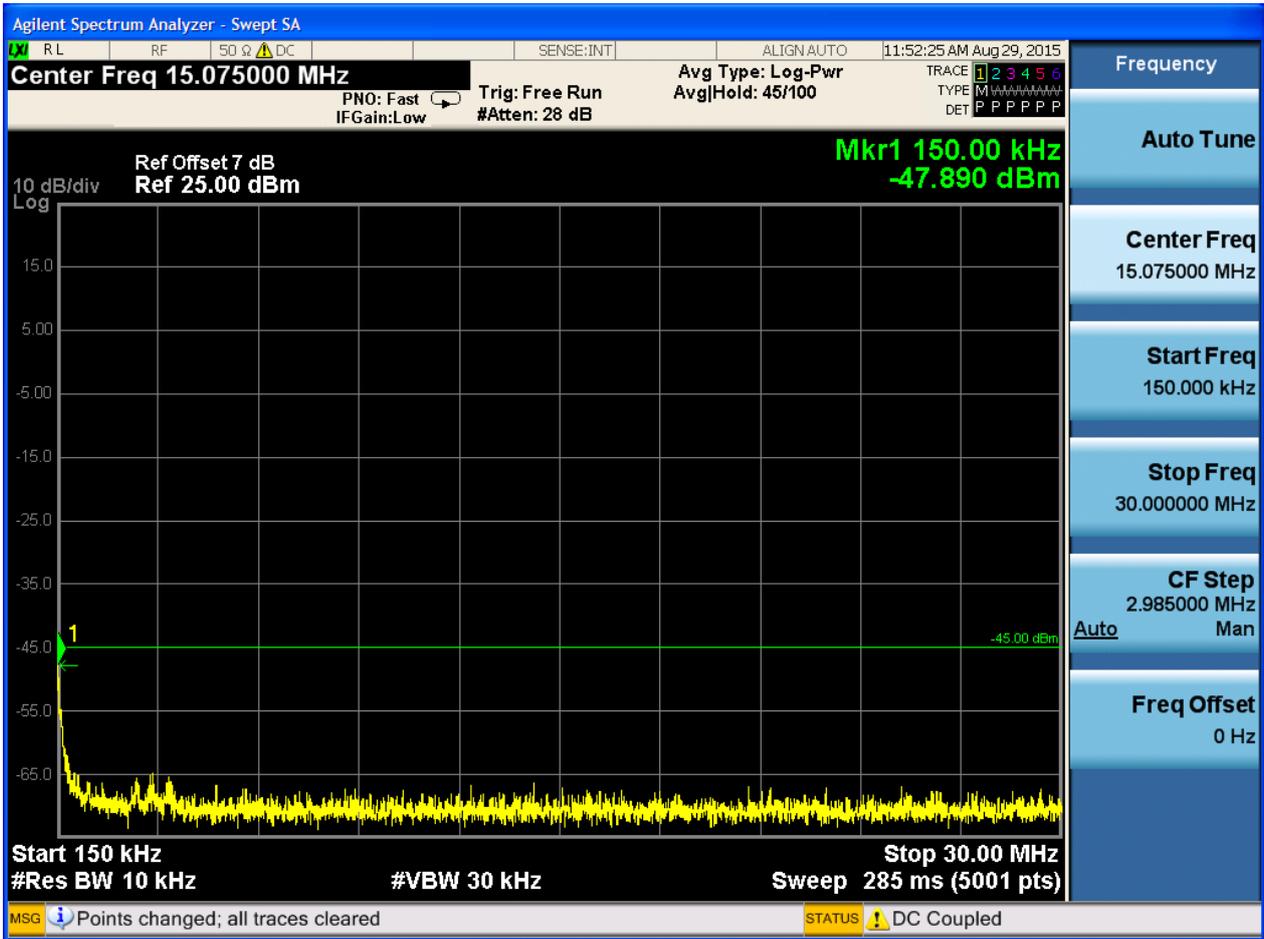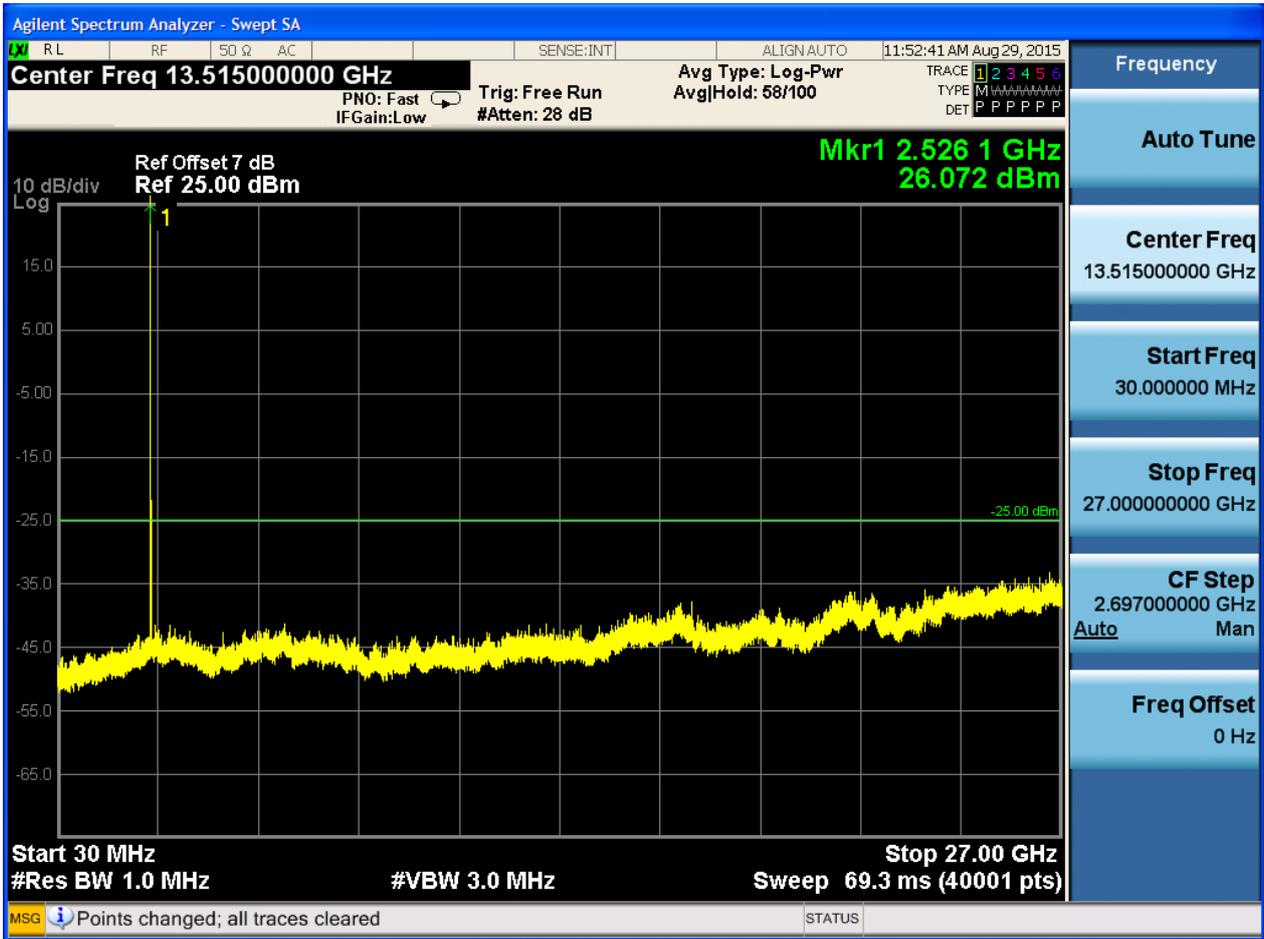
CF Step
2.697000000 GHz
Auto   Man

Freq Offset
0 Hz

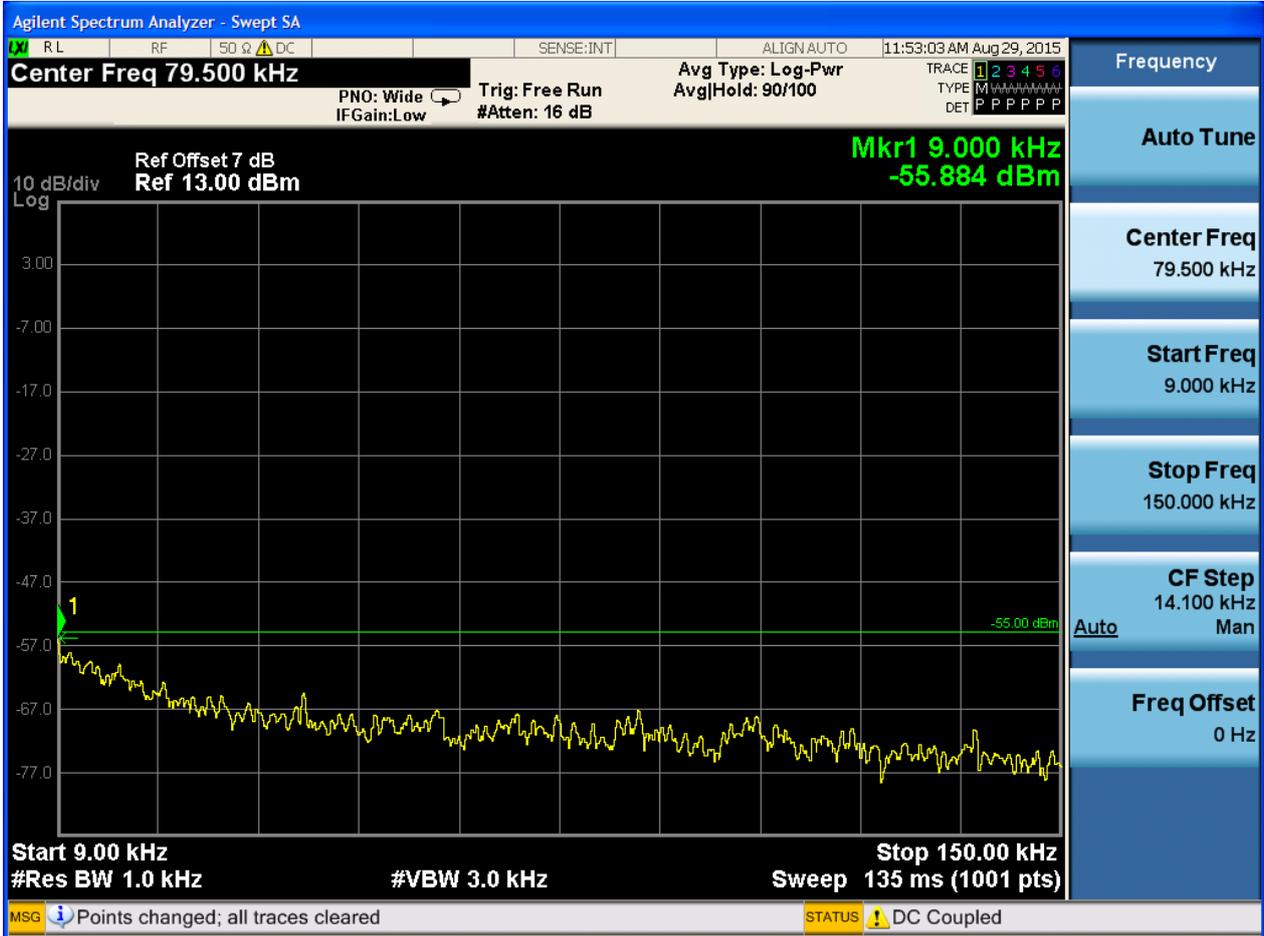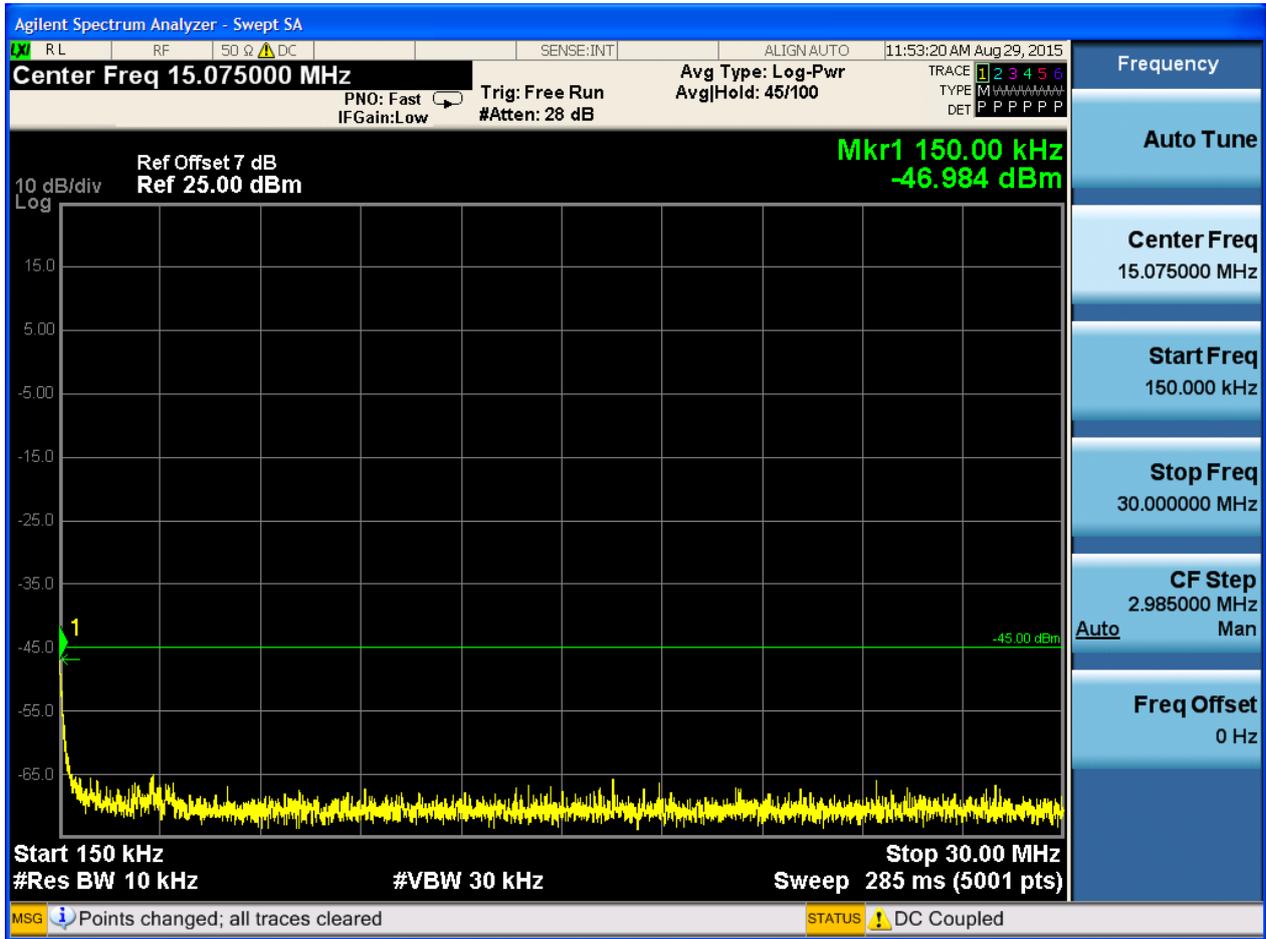## 6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0

6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0

Agilent Spectrum Analyzer - Swept SA

| LXI | R L | | RF | 50 Ω | AC | | | SENSE:INT | | ALIGN AUTO | 11:53:37 AM Aug 29, 2015 |

Center Freq 13.515000000 GHz

PNO: Fast
IFGain:Low

Trig: Free Run
#Atten: 28 dB

Avg Type: Log-Pwr
Avg|Hold: 58/100

TRACE 1 2 3 4 5 6
TYPE M WWWWWW
DET P P P P P P

Frequency

Ref Offset 7 dB
Ref 25.00 dBm

10 dB/div
Log

Mkr1 2.551 0 GHz
25.075 dBm

Auto Tune

1

15.0

5.00

-5.00

-15.0

-25.0

-25.00 dBm

-35.0

-45.0

-55.0

-65.0

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

Start 30 MHz
#Res BW 1.0 MHz   #VBW 3.0 MHz

Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)

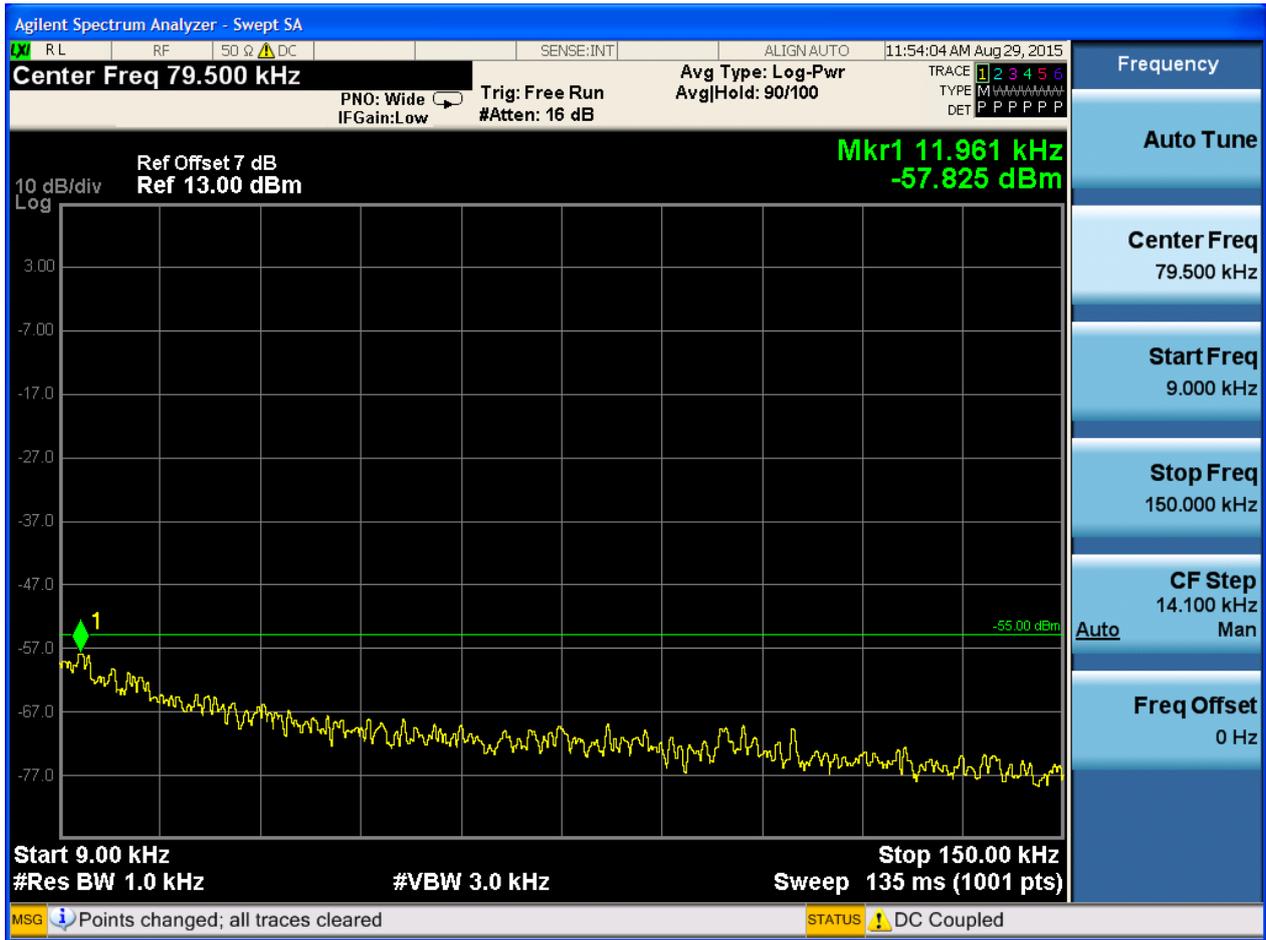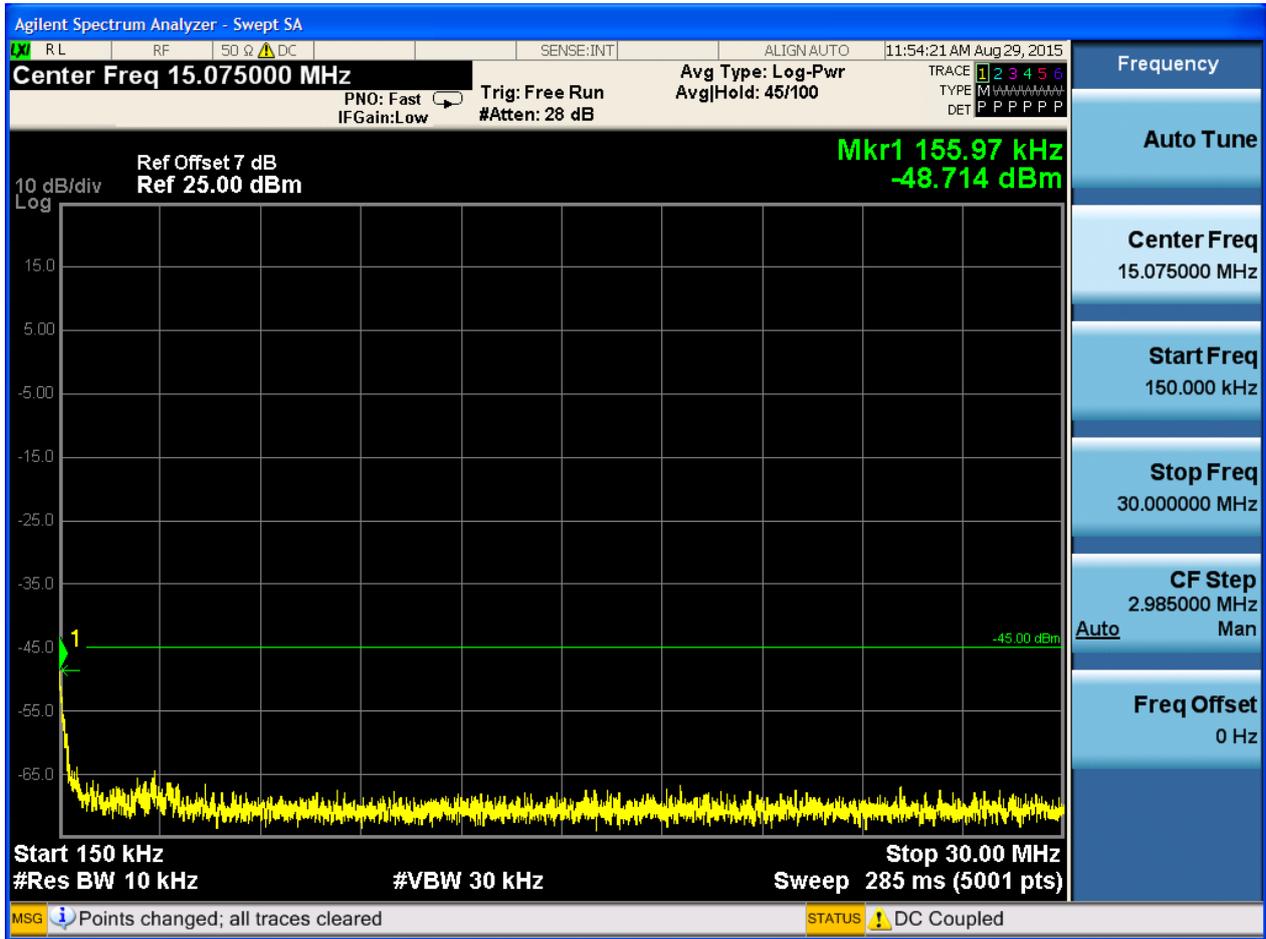MSG ⓘ Points changed; all traces cleared   STATUS

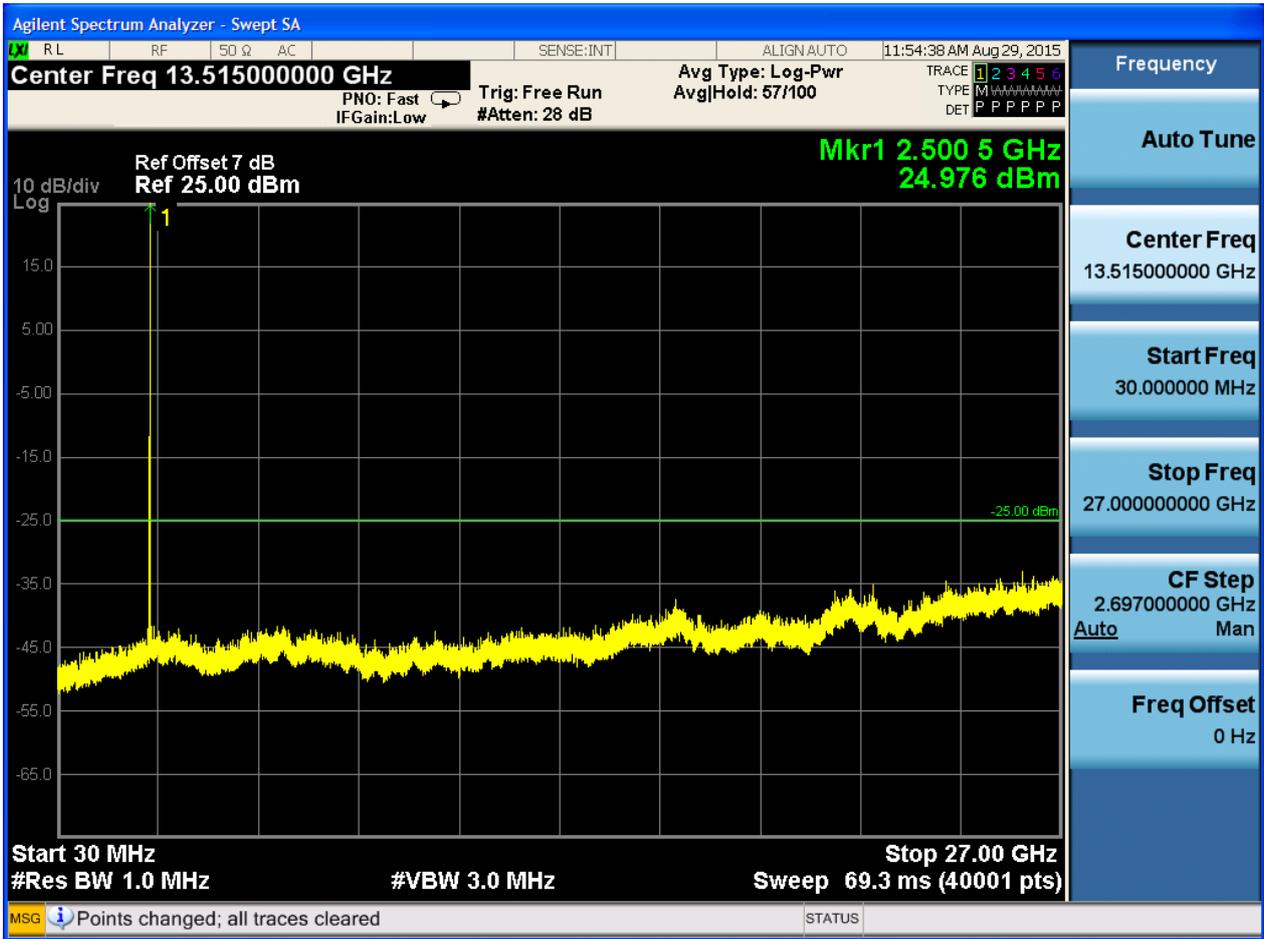**6.1.1.2 Test Mode = LTE/TM2**

6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0

6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0

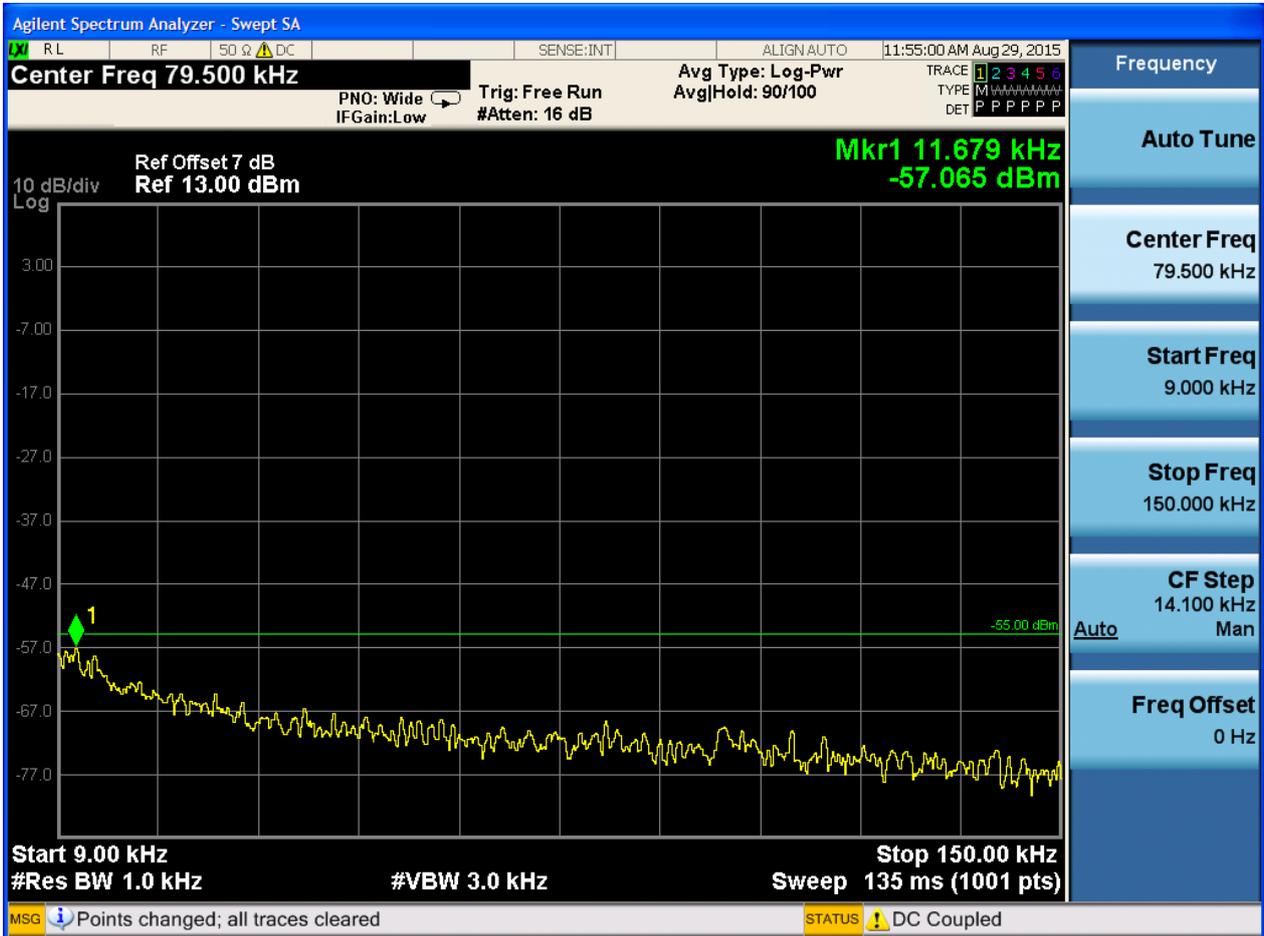### 6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

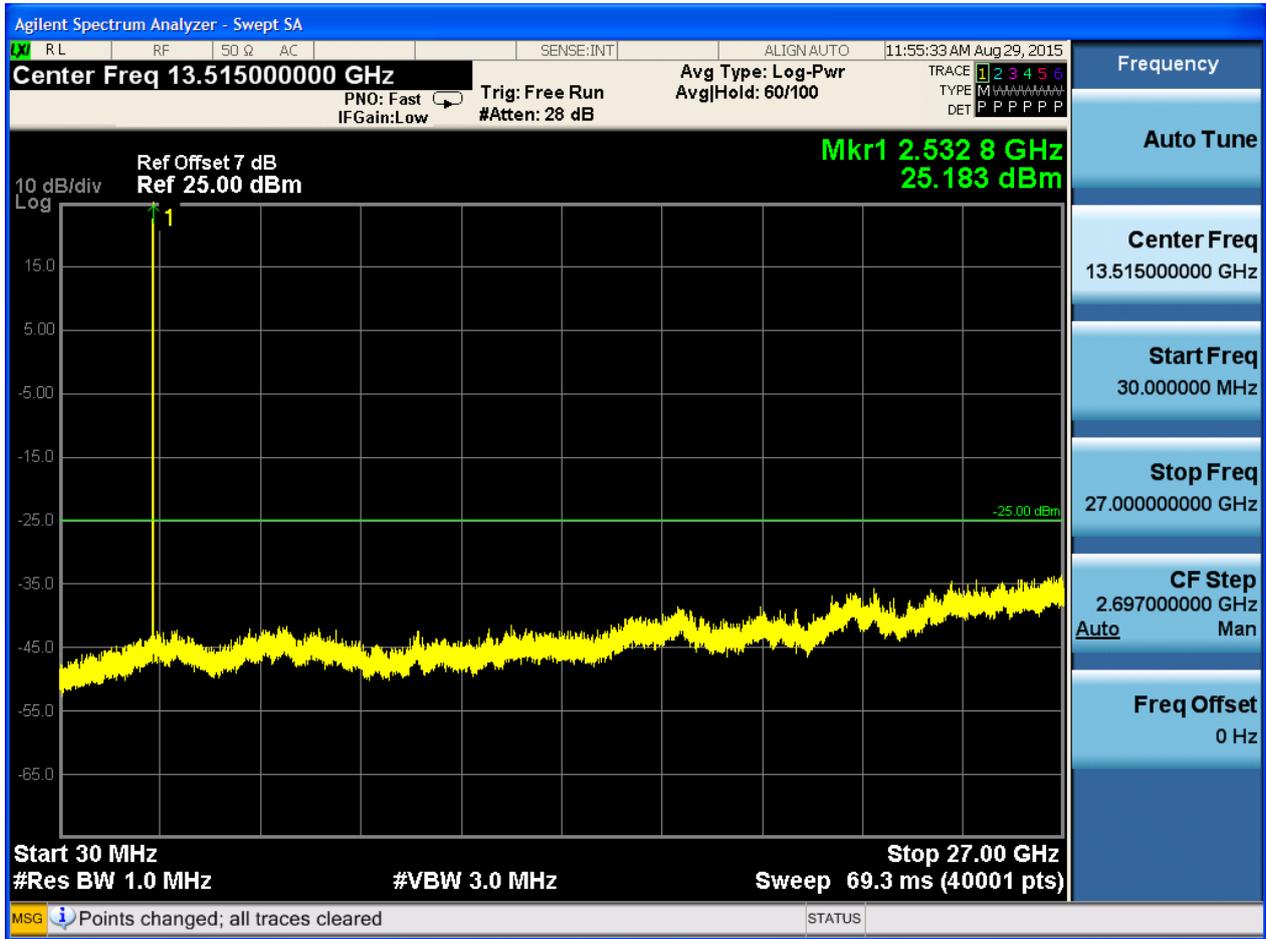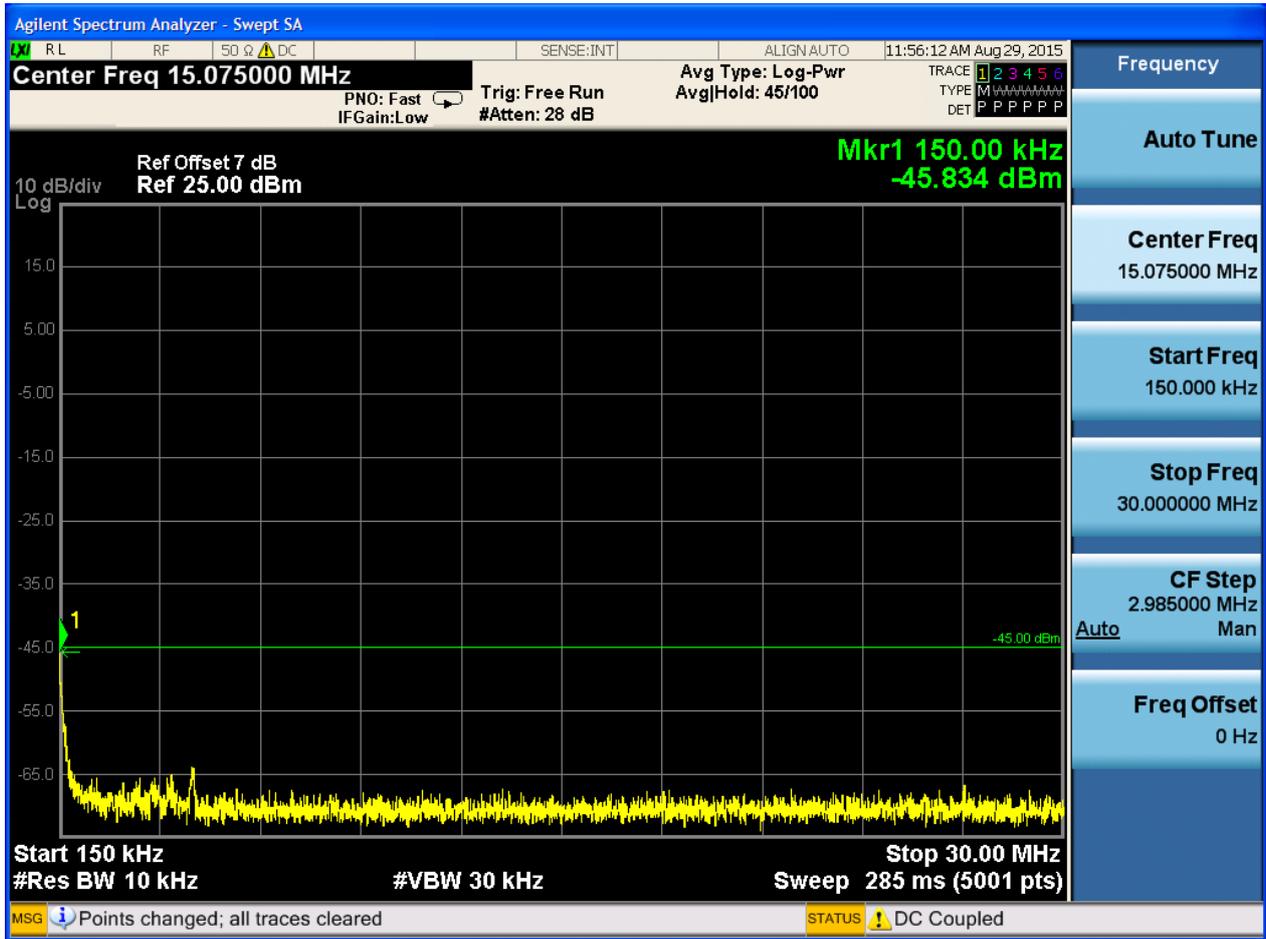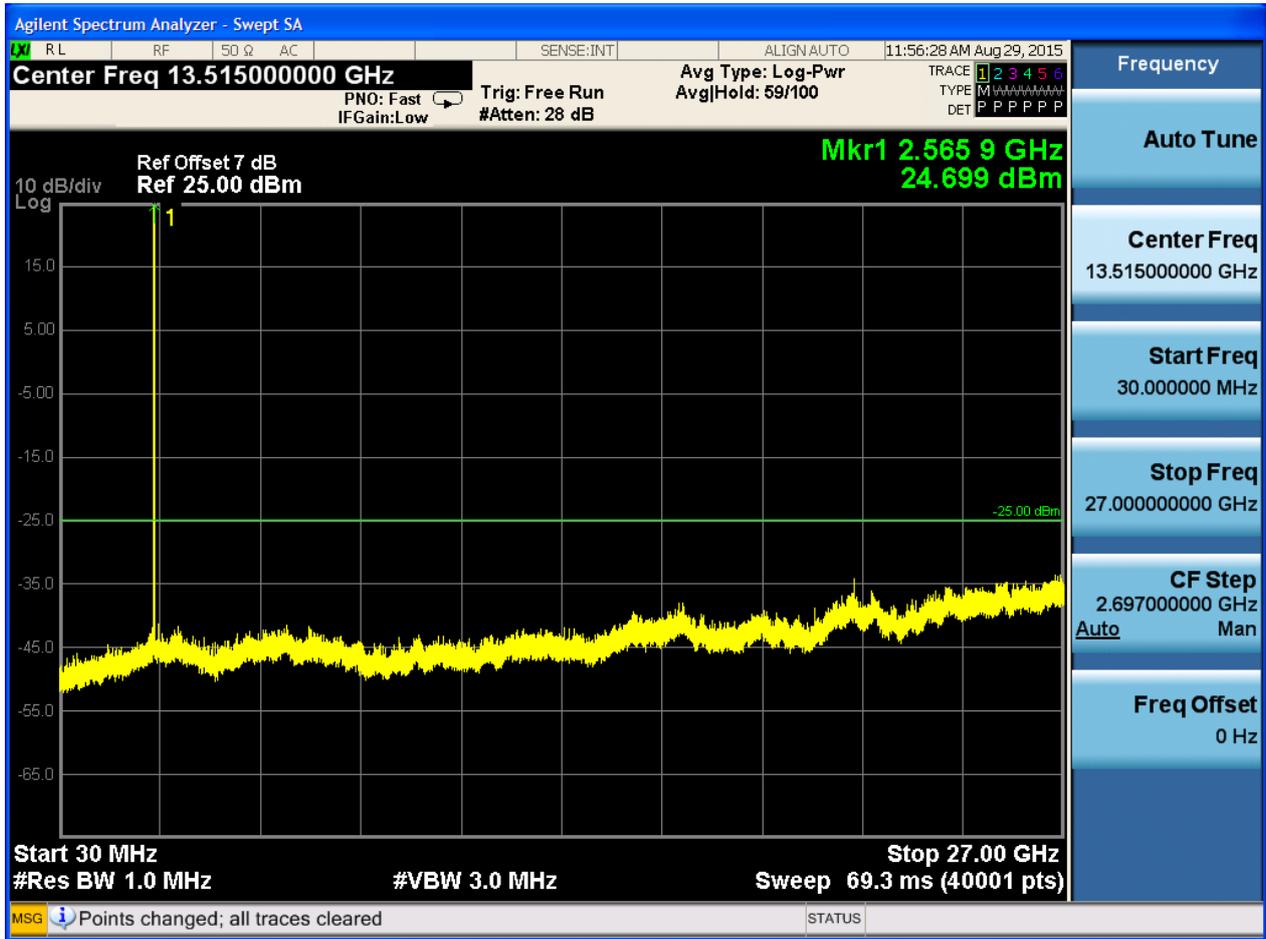## 6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

Agilent Spectrum Analyzer - Swept SA

| LXI | R L | | RF | 50 Ω | AC | | | SENSE:INT | | ALIGN AUTO | 11:58:25 AM Aug 29, 2015 |

Center Freq 13.515000000 GHz

PNO: Fast
IFGain:Low

Trig: Free Run
#Atten: 28 dB

Avg Type: Log-Pwr
Avg|Hold: 60/100

TRACE 1 2 3 4 5 6
TYPE M WWWWWW
DET P P P P P P

Mkr1 2.530 8 GHz
26.190 dBm

Ref Offset 7 dB
10 dB/div **Ref 25.00 dBm**
Log

15.0

5.00

-5.00

-15.0

-25.0 ————————————————————————————— -25.00 dBm

-35.0

-45.0

-55.0

-65.0

Start 30 MHz
#Res BW 1.0 MHz

#VBW 3.0 MHz

Stop 27.00 GHz
Sweep 69.3 ms (40001 pts)

MSG ⓘ Points changed; all traces cleared

STATUS

Frequency

Auto Tune

Center Freq
13.515000000 GHz

Start Freq
30.000000 MHz

Stop Freq
27.000000000 GHz

CF Step
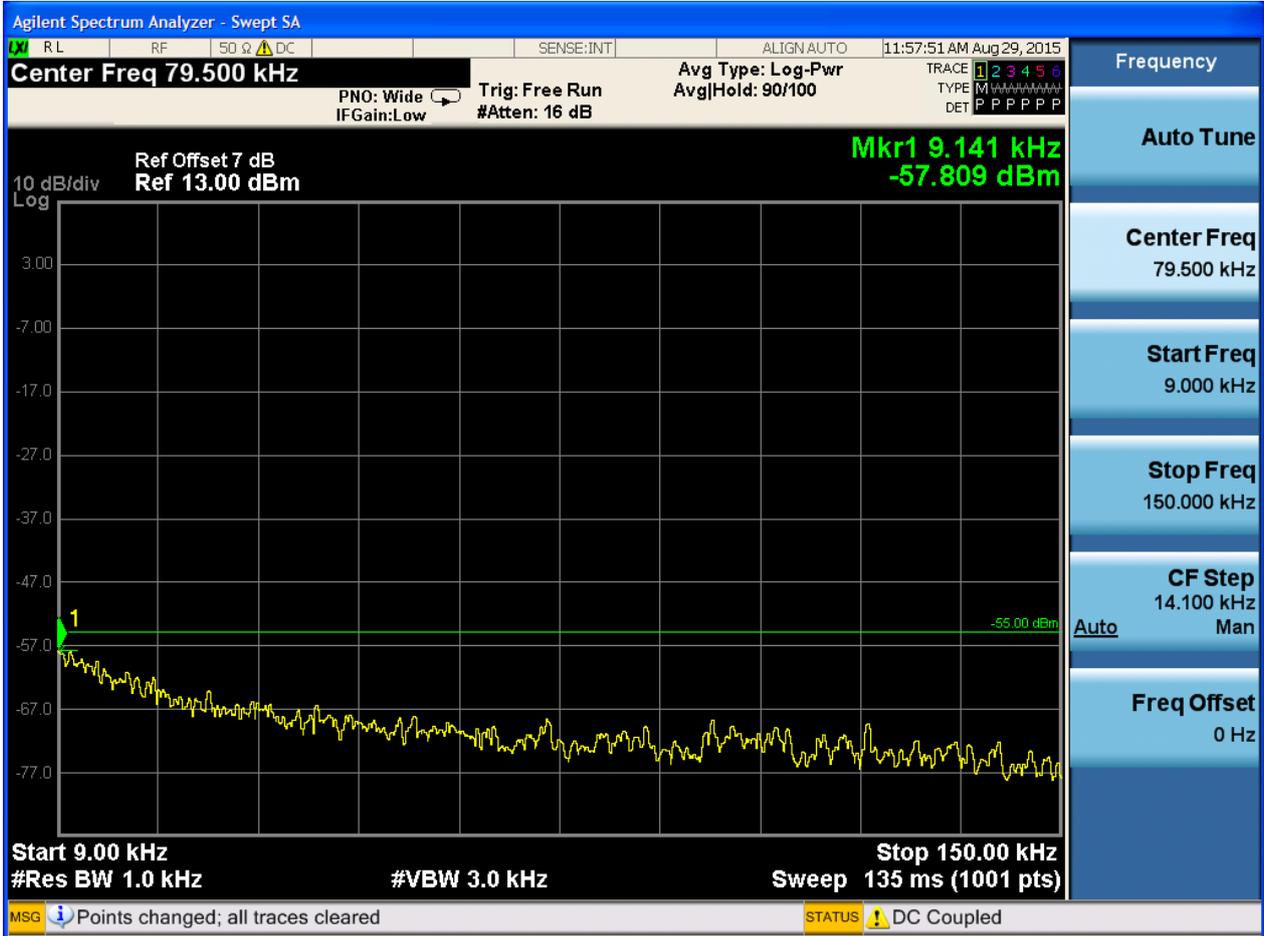2.697000000 GHz
Auto   Man

Freq Offset
0 Hz

6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0

Agilent Spectrum Analyzer - Swept SA		
LXI R L	RF	50 Ω ⚠ DC	SENSE:INT	ALIGN AUTO	11:59:03 AM Aug 29, 2015

Center Freq 15.075000 MHz

PNO: Fast
IFGain:Low

Trig: Free Run
#Atten: 28 dB

Avg Type: Log-Pwr
Avg|Hold: 45/100

TRACE 1 2 3 4 5 6
TYPE M W W W W W
DET P P P P P

Mkr1 155.97 kHz
-48.586 dBm

Ref Offset 7 dB
10 dB/div **Ref 25.00 dBm**
Log

15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0   1   -45.00 dBm
-55.0
-65.0

Start 150 kHz   **Stop 30.00 MHz**
#Res BW 10 kHz   **#VBW 30 kHz**   **Sweep 285 ms (5001 pts)**

MSG ⓘ Points changed; all traces cleared   STATUS ⚠ 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

6.1.1.2.3 Test Bandwidth = 15

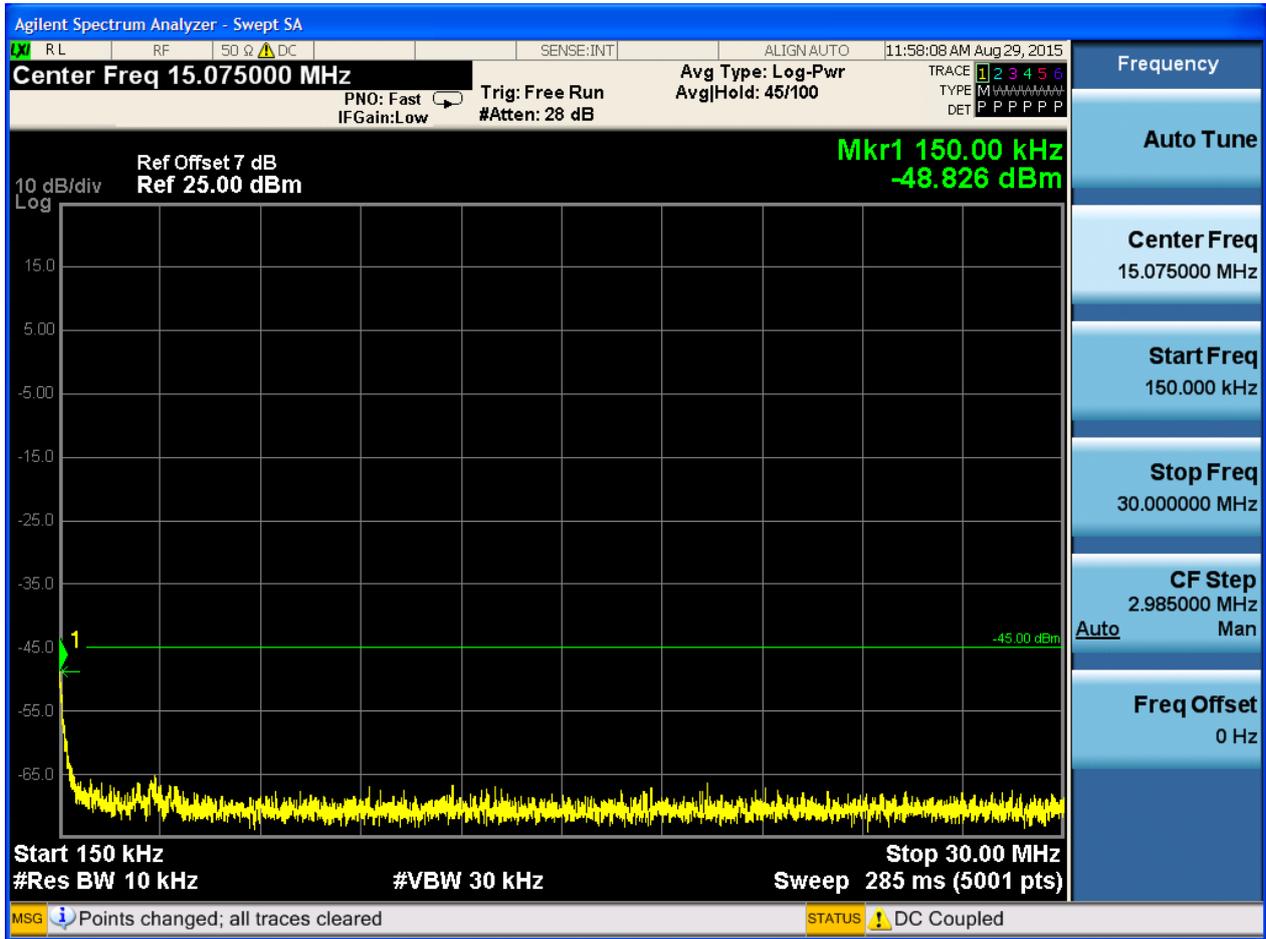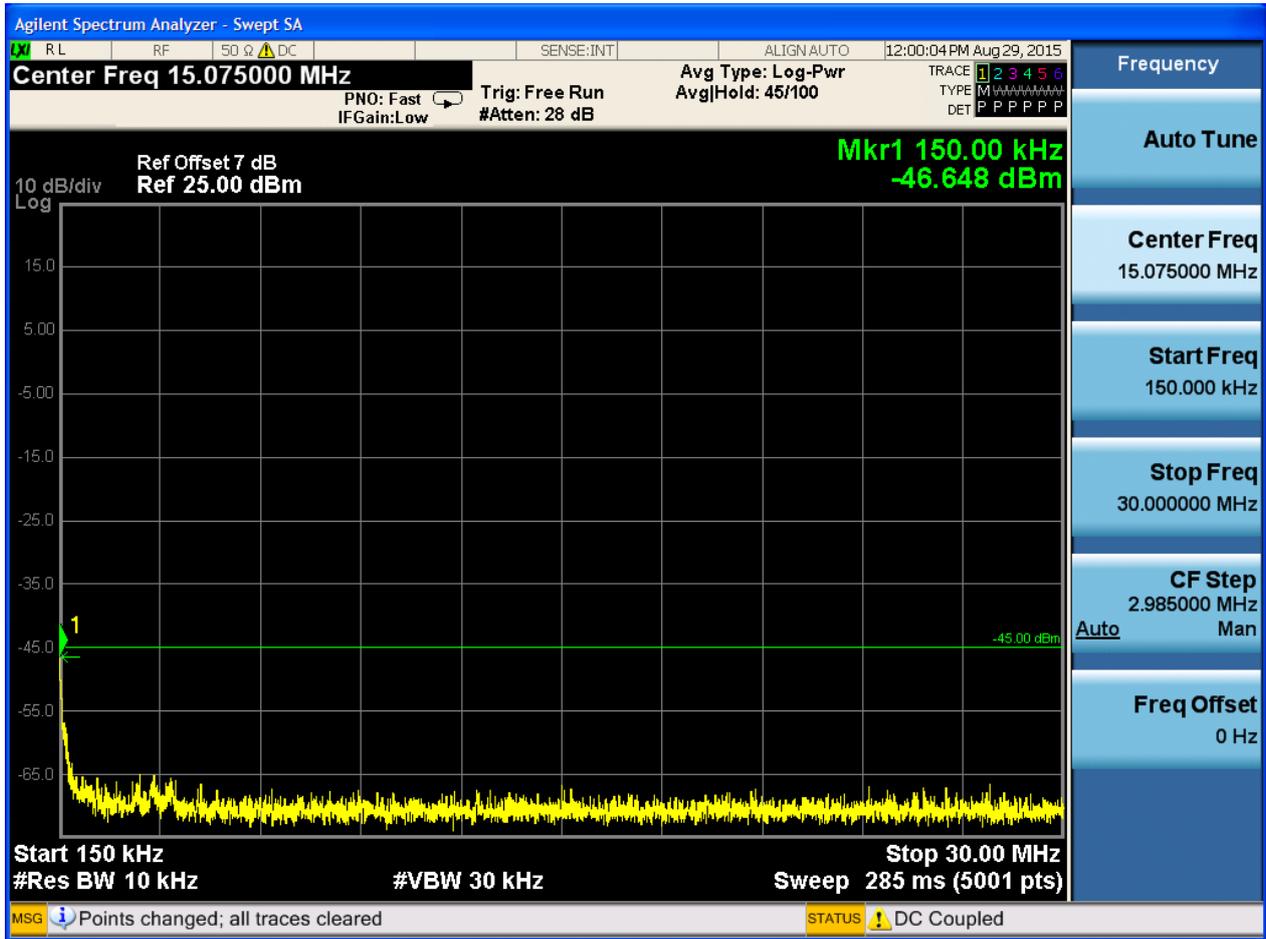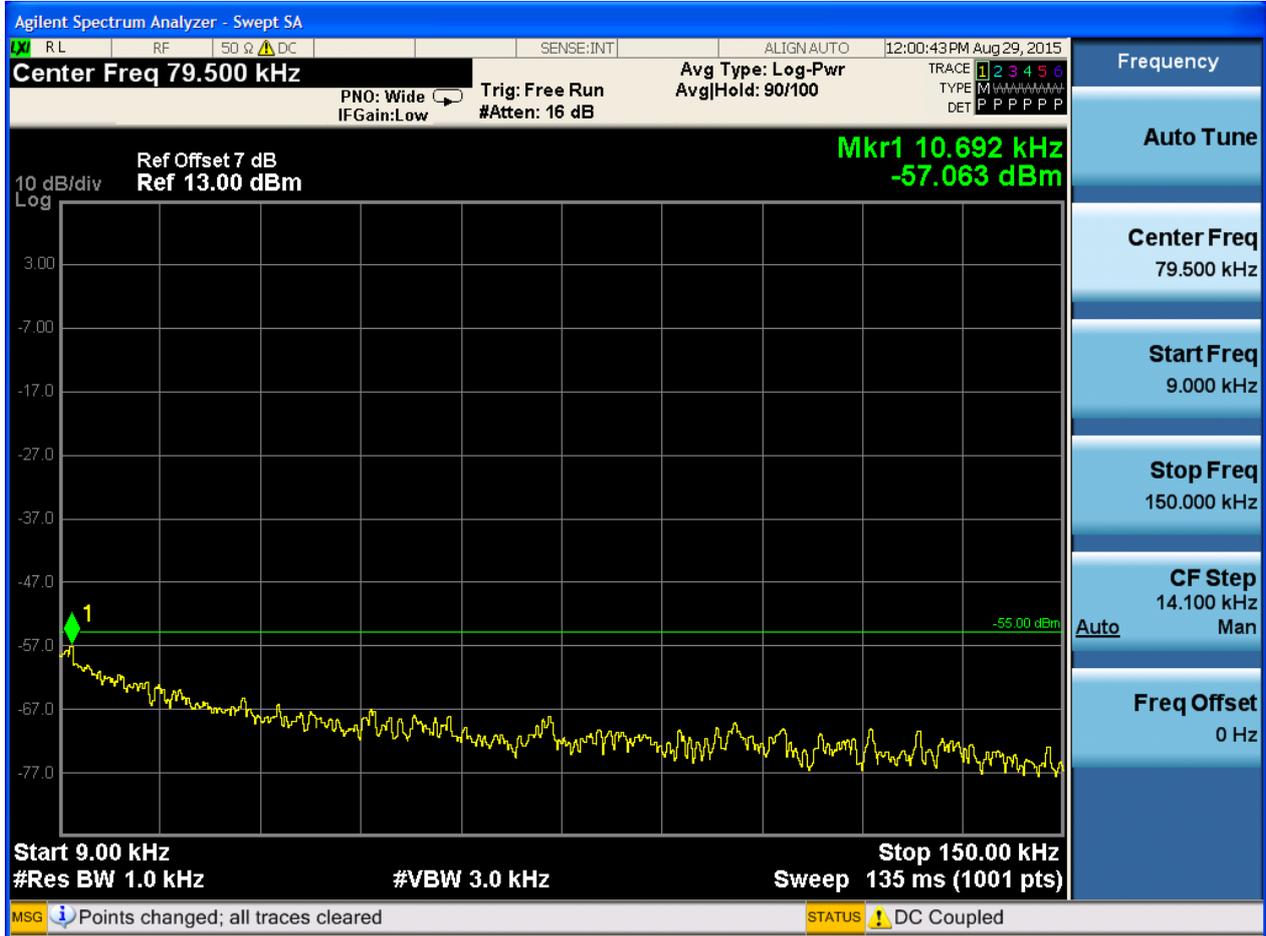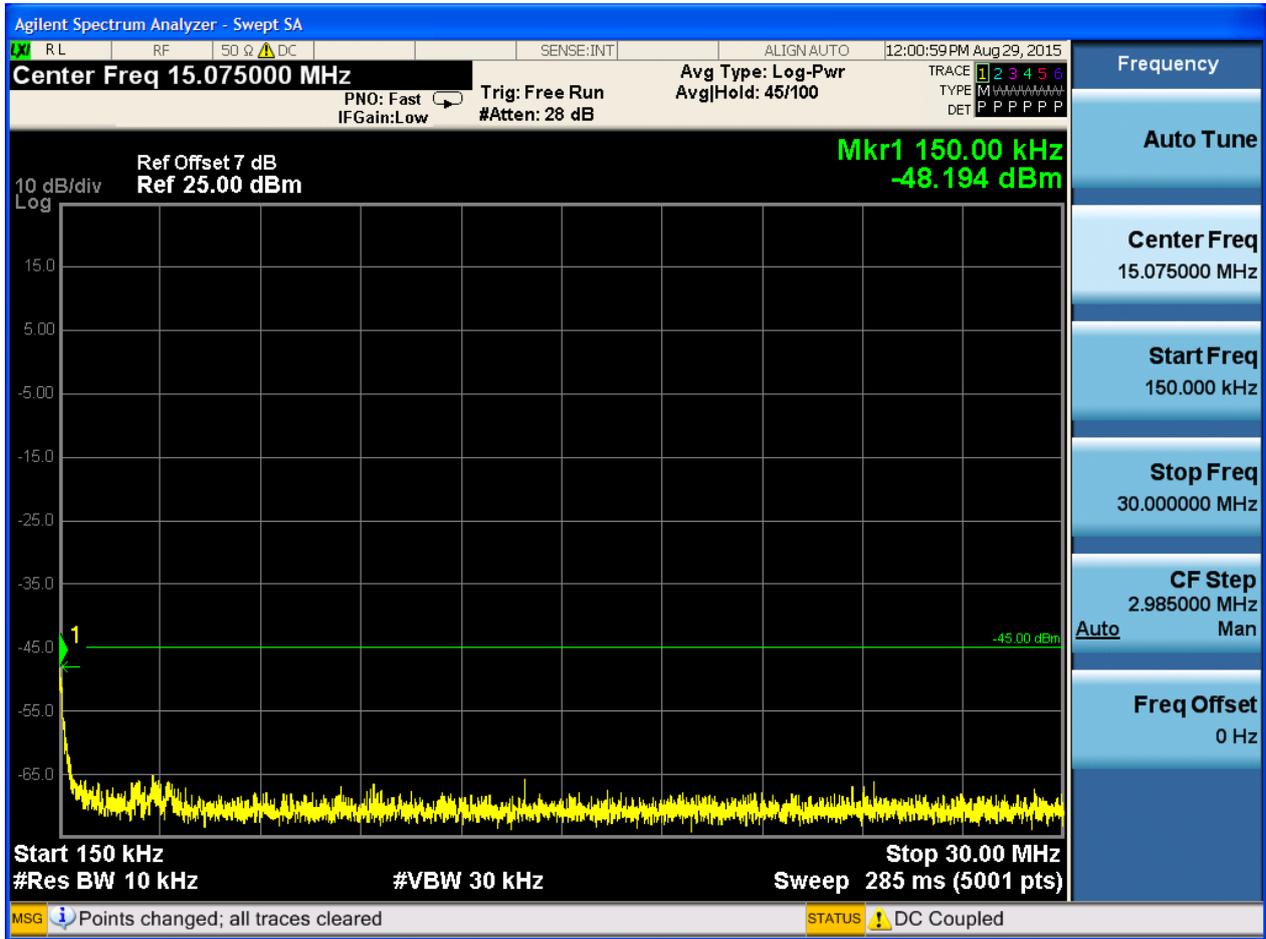### 6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

Agilent Spectrum Analyzer - Swept SA

LXI R L   RF   50 Ω   AC   SENSE:INT   ALIGN AUTO   12:01:16 PM Aug 29, 2015

Center Freq 13.515000000 GHz

PNO: Fast   Trig: Free Run   Avg Type: Log-Pwr   TRACE 1 2 3 4 5 6
IFGain:Low   #Atten: 28 dB   Avg|Hold: 58/100   TYPE M WWWWWW
                                                                      DET P P P P P P

Mkr1 2.528 8 GHz
26.311 dBm

10 dB/div
Log

Ref Offset 7 dB
Ref 25.00 dBm

1

15.0

5.00

-5.00

-15.0

-25.0   -25.00 dBm

-35.0

-45.0

-55.0

-65.0

Start 30 MHz   **Stop 27.00 GHz**
#Res BW 1.0 MHz   **#VBW 3.0 MHz**   **Sweep 69.3 ms (40001 pts)**

MSG ⓘ Points changed; all traces cleared   STATUS

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

6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0
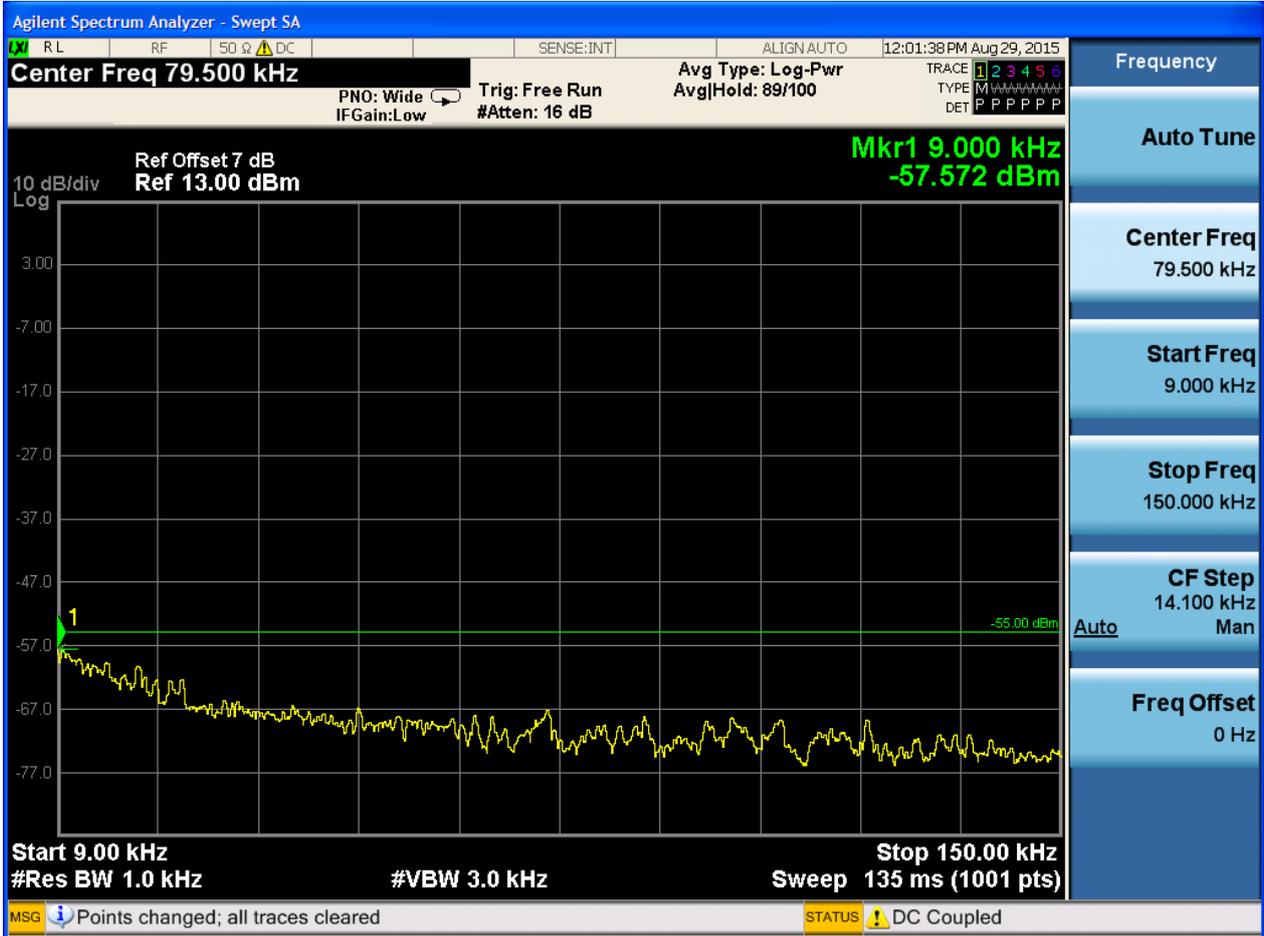
Agilent Spectrum Analyzer - Swept SA

| LXI | R L | | RF | 50 Ω | AC | | | SENSE:INT | | ALIGN AUTO | 12:02:12 PM Aug 29, 2015 |

Center Freq 13.515000000 GHz

PNO: Fast
IFGain:Low

Trig: Free Run
#Atten: 28 dB

Avg Type: Log-Pwr
Avg|Hold: 57/100

TRACE 1 2 3 4 5 6
TYPE M WWWWWW
DET P P P P P P

Mkr1 2.555 7 GHz
26.369 dBm

Ref Offset 7 dB
10 dB/div   Ref 25.00 dBm
Log

1

15.0

5.00

-5.00

-15.0

-25.0   -25.00 dBm

-35.0

-45.0

-55.0

-65.0

Start 30 MHz   Stop 27.00 GHz
#Res BW 1.0 MHz   #VBW 3.0 MHz   Sweep 69.3 ms (40001 pts)

MSG (i) Points changed; all traces cleared   STATUS

Frequency

Auto Tune

Center Freq
13.515000000 GHz

Start Freq
30.000000 MHz

Stop Freq
27.000000000 GHz

CF Step
2.697000000 GHz
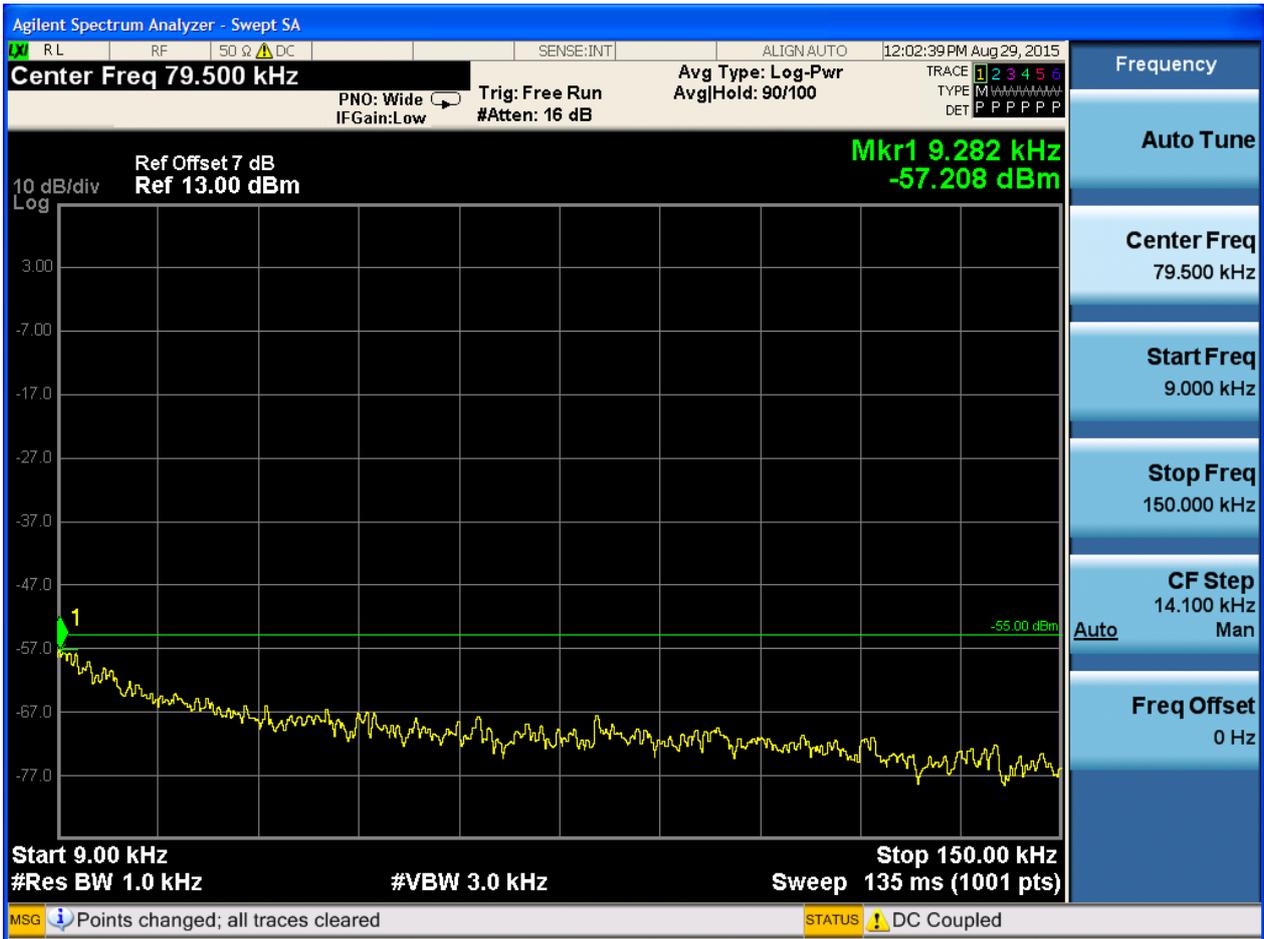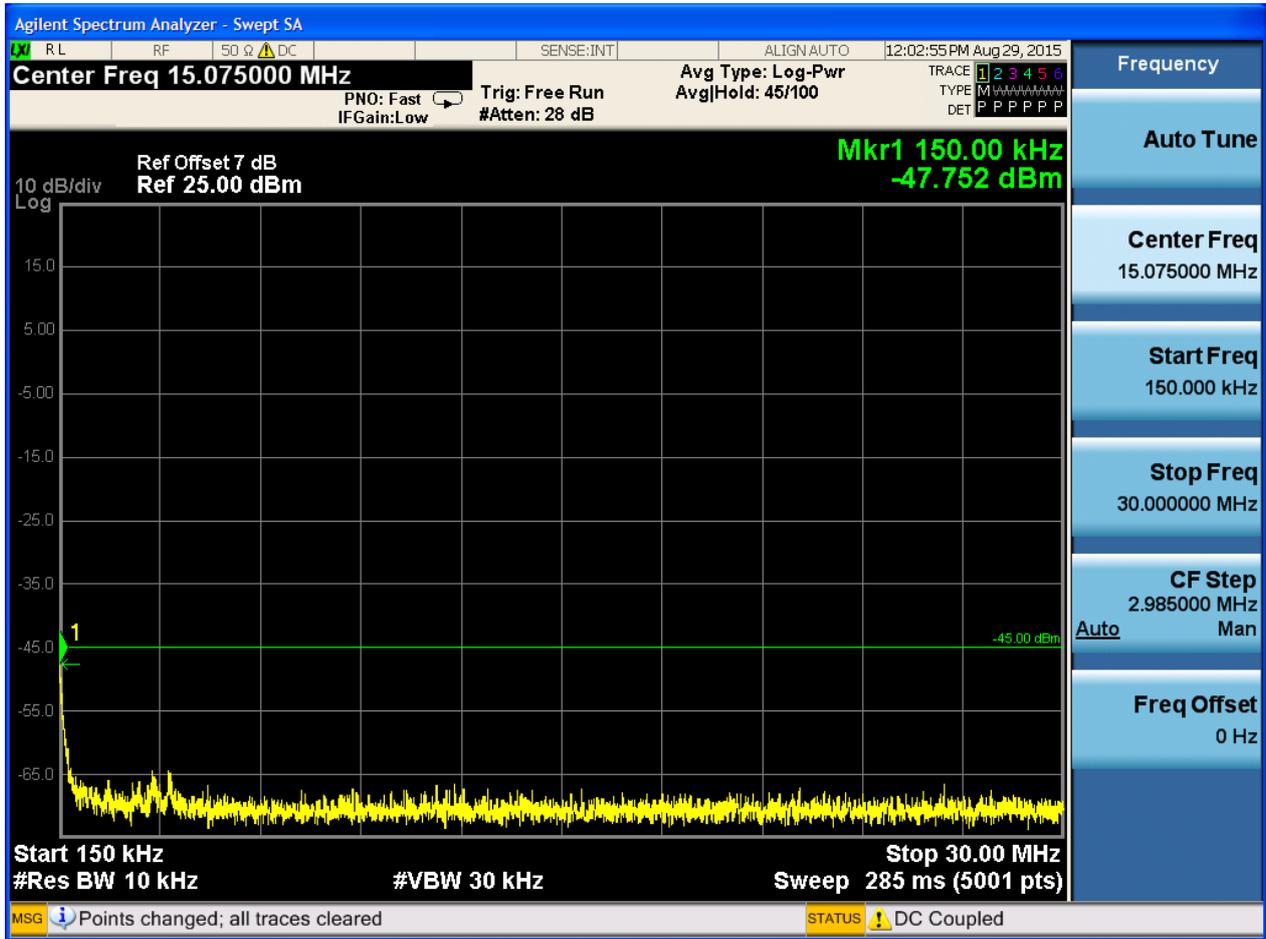Auto   Man

Freq Offset
0 Hz

6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH
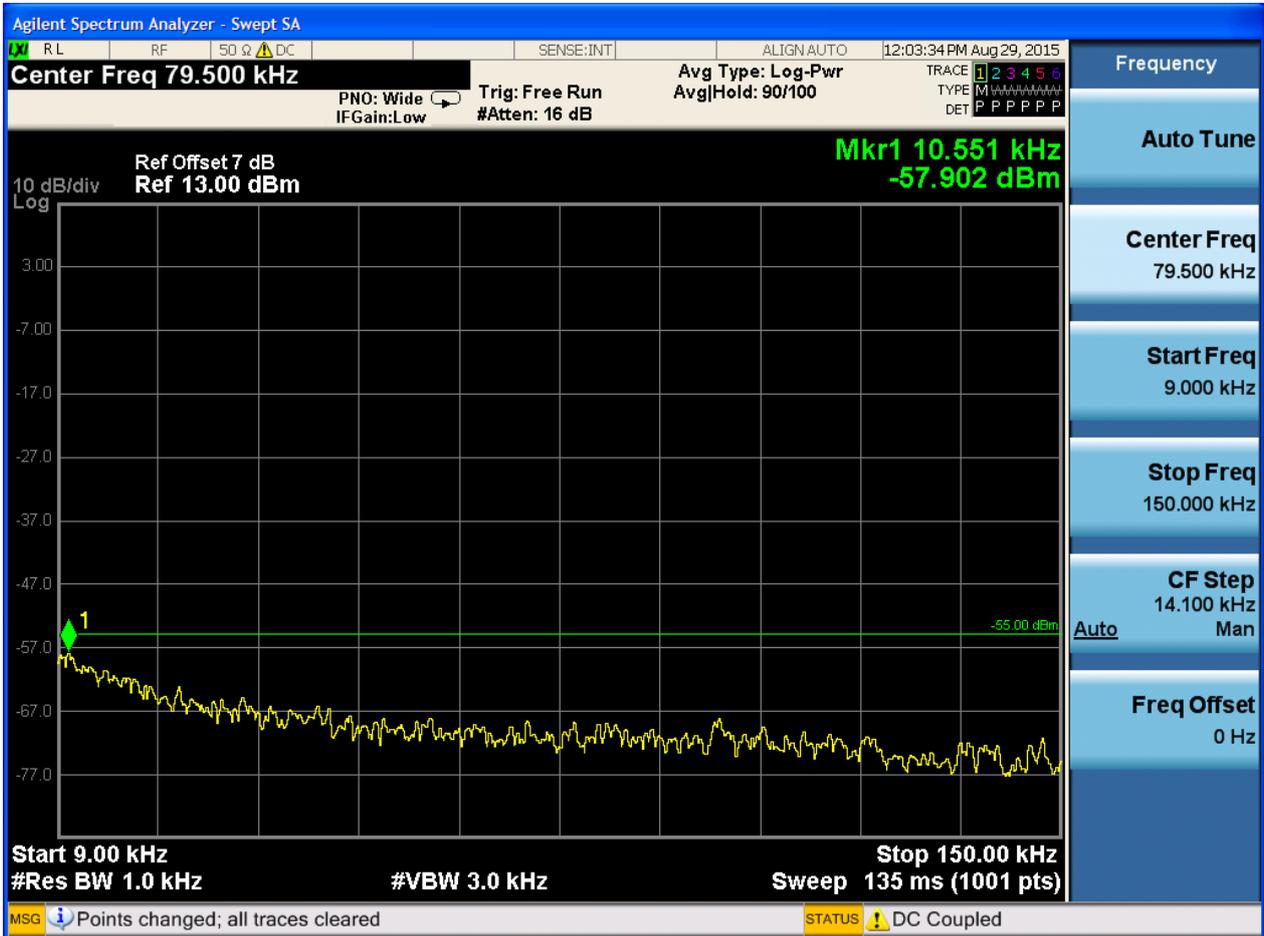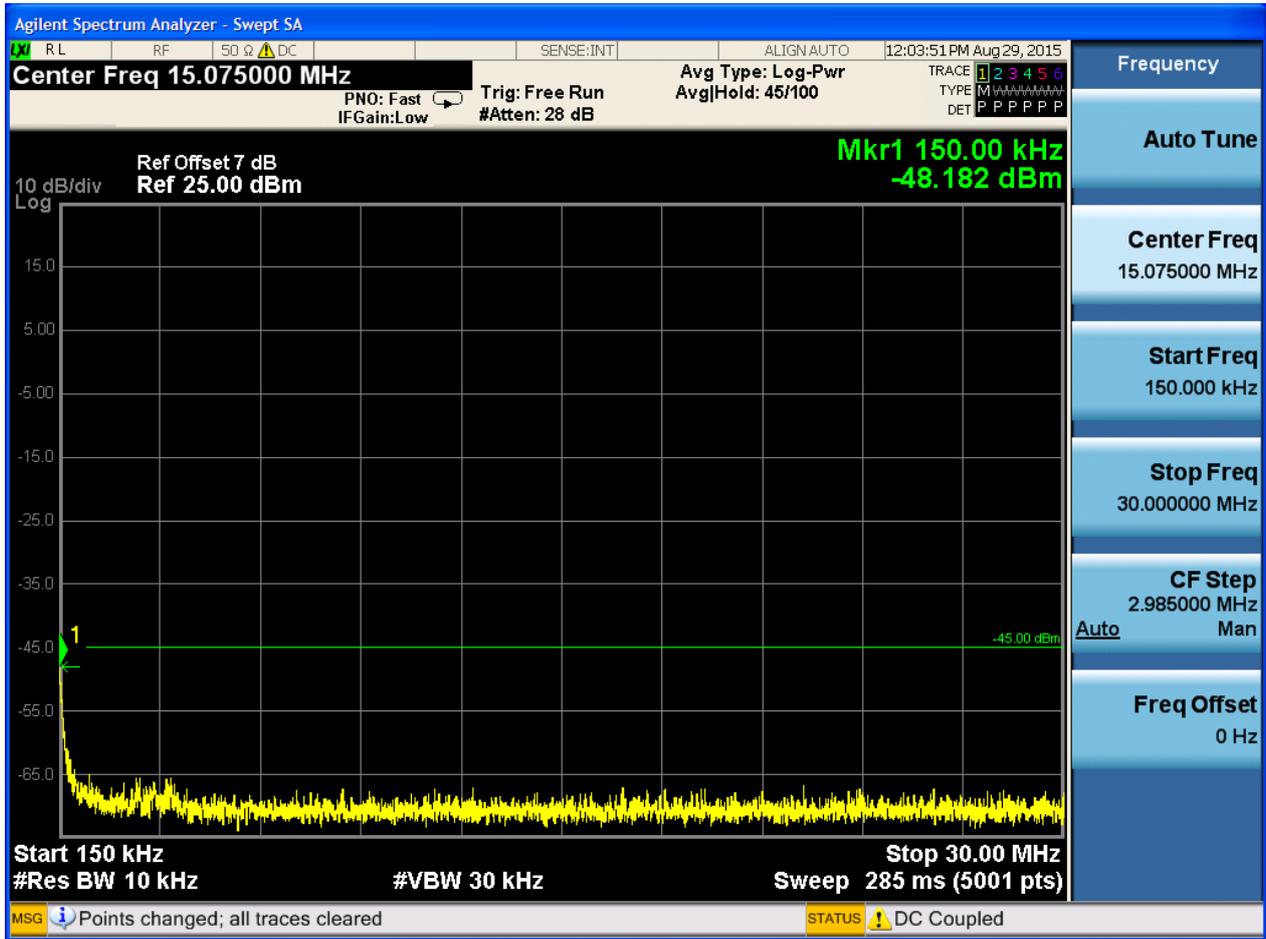
6.1.1.2.4.1.1 Test RB = RB1#0

6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0
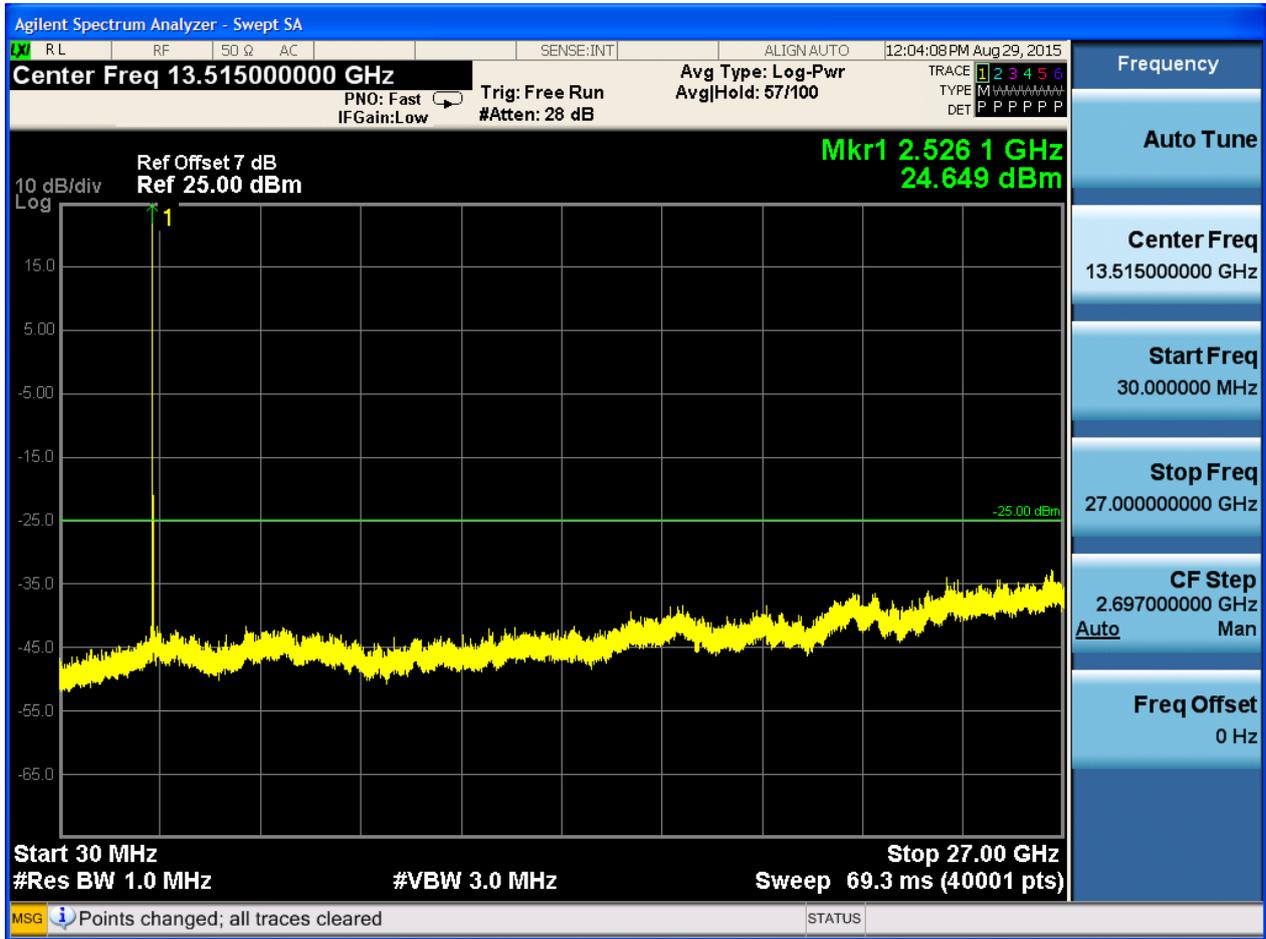
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0
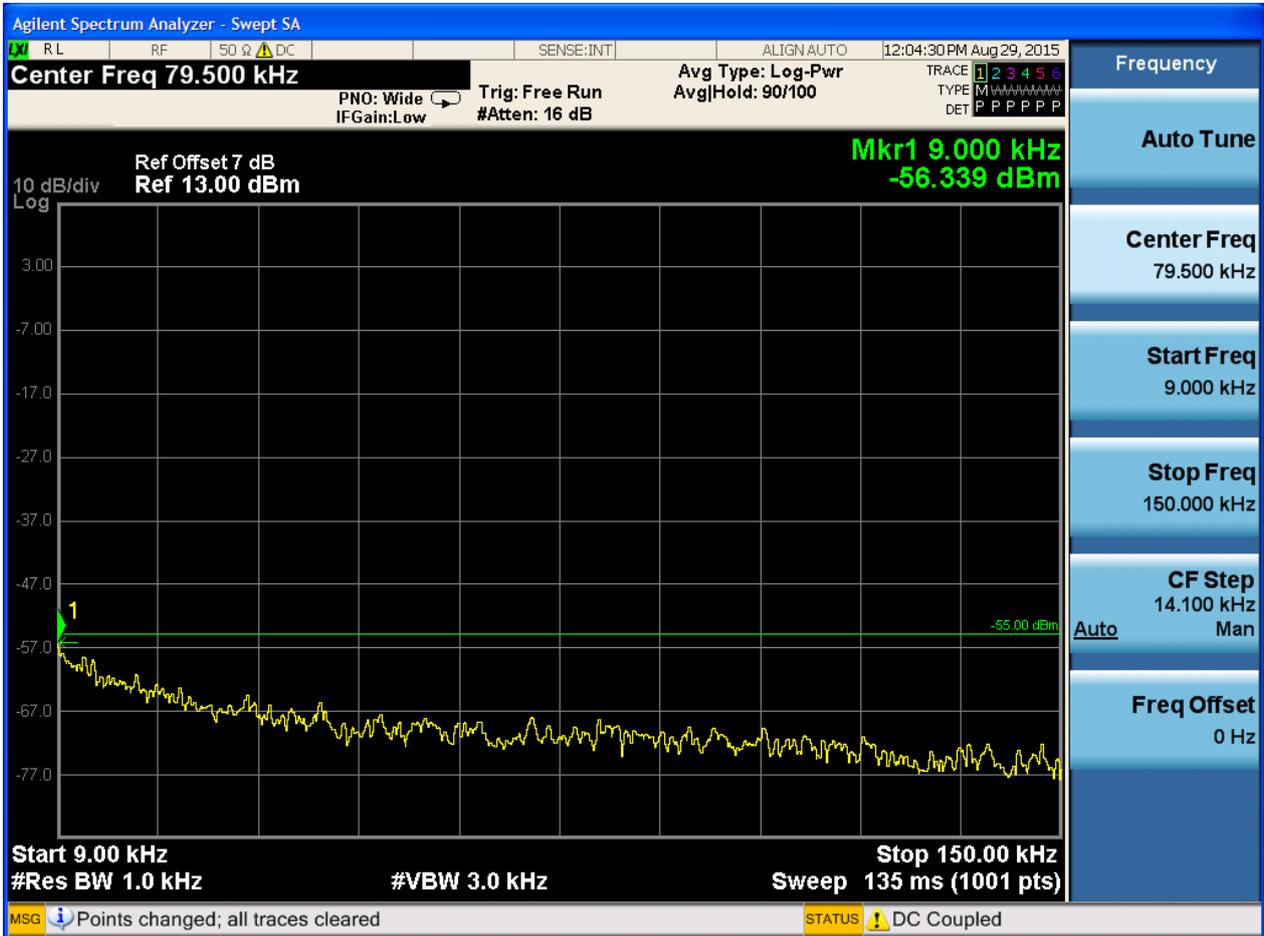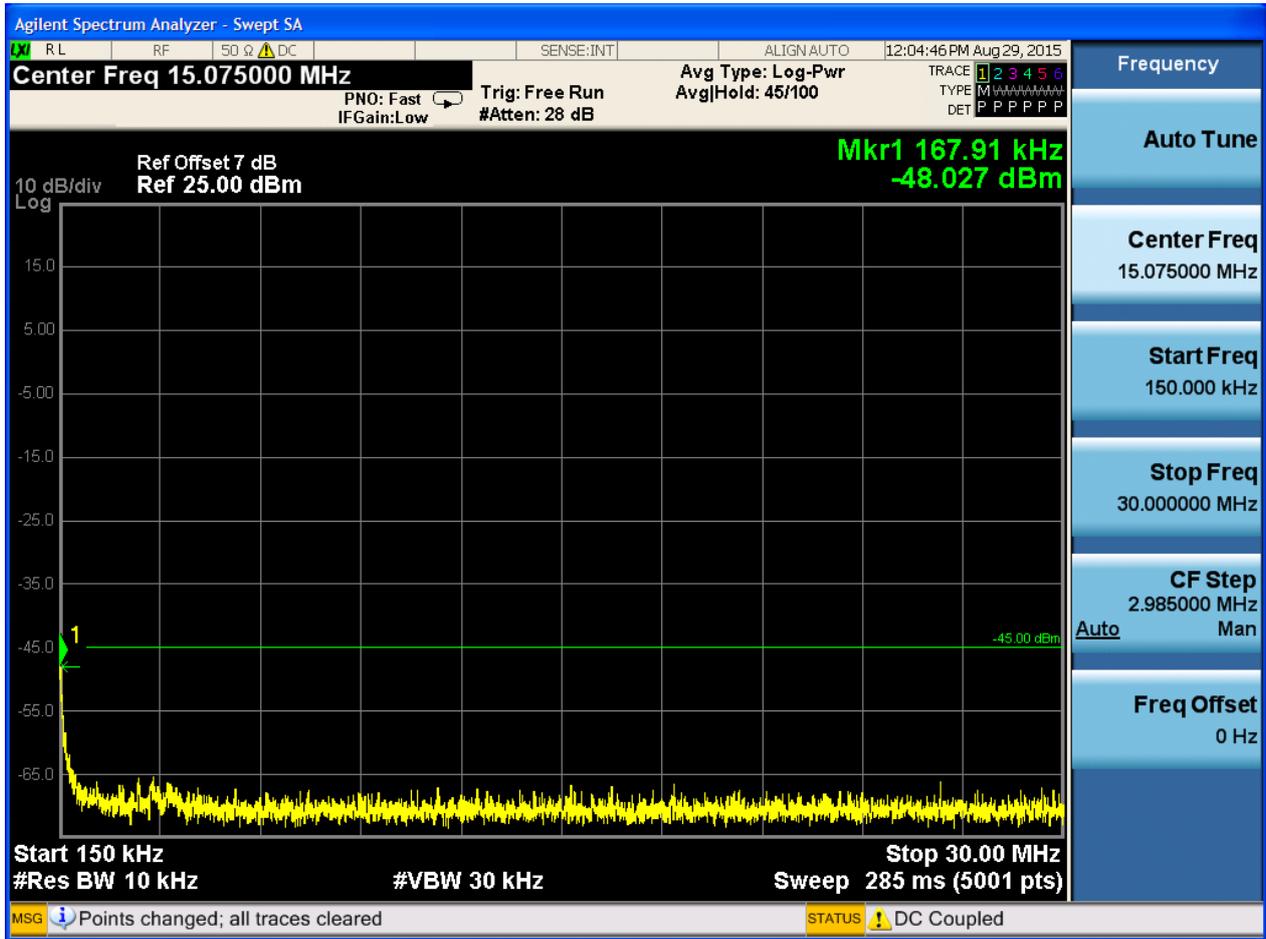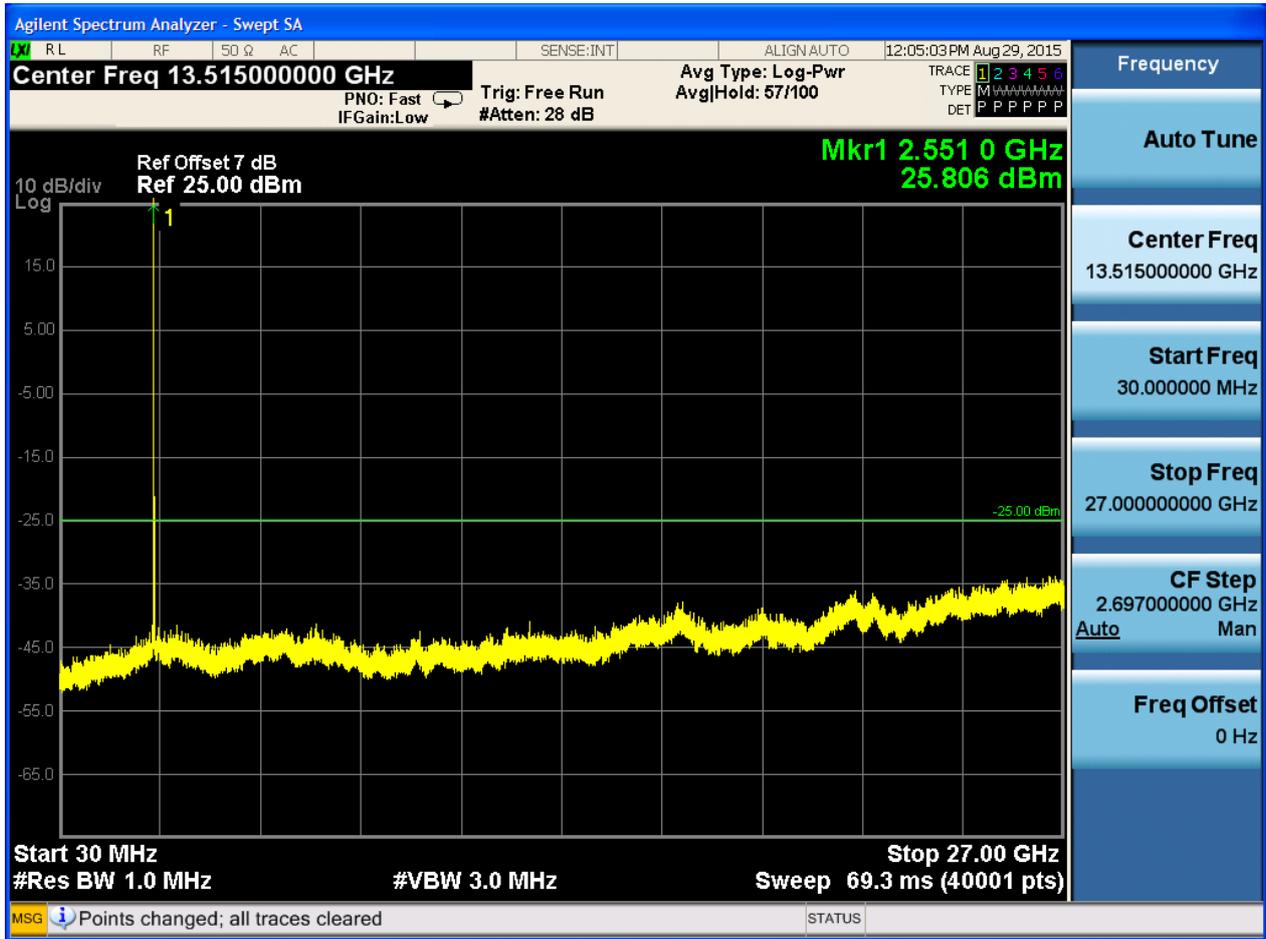
7Appendix_G: Field Strength of Spurious Radiation

Note:

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

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

150kHz~30MHz, VBW = 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 = BAND7

7.1.1.1 Test Bandwidth = 5

Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H
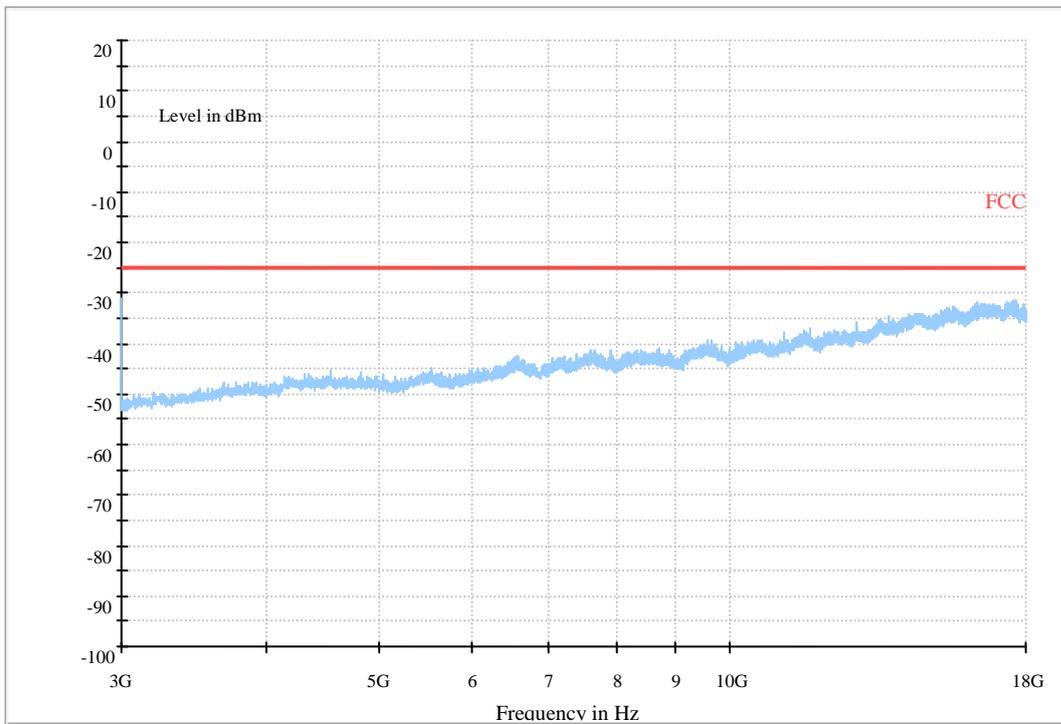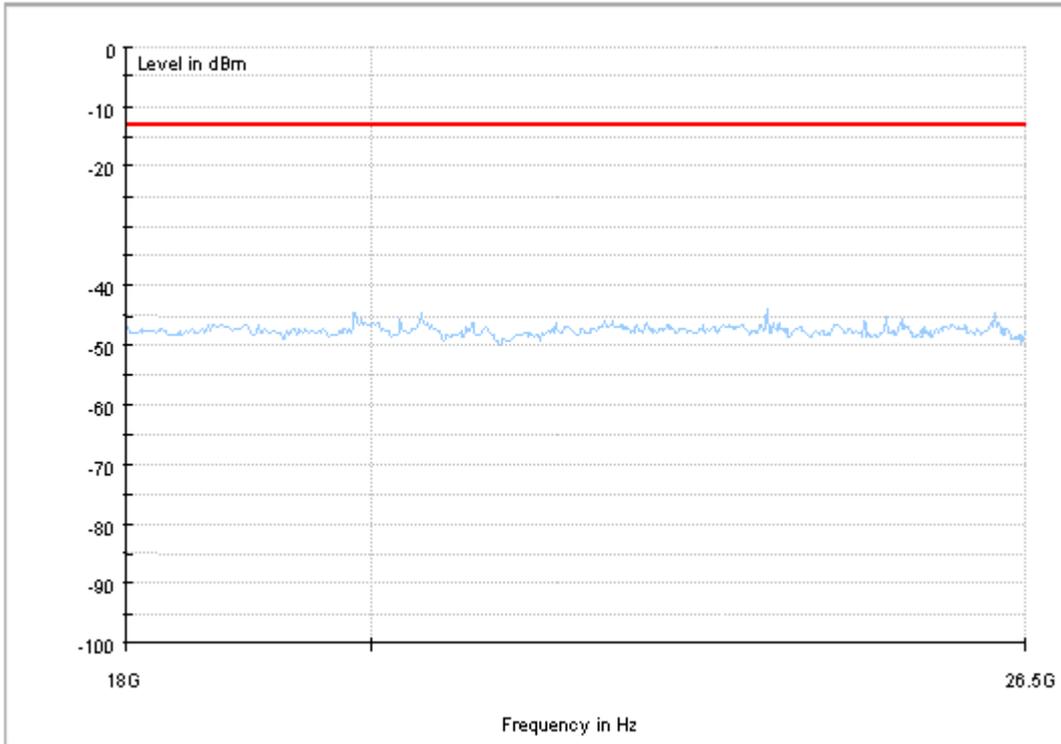
7.1.1.2 Test Bandwidth = 20
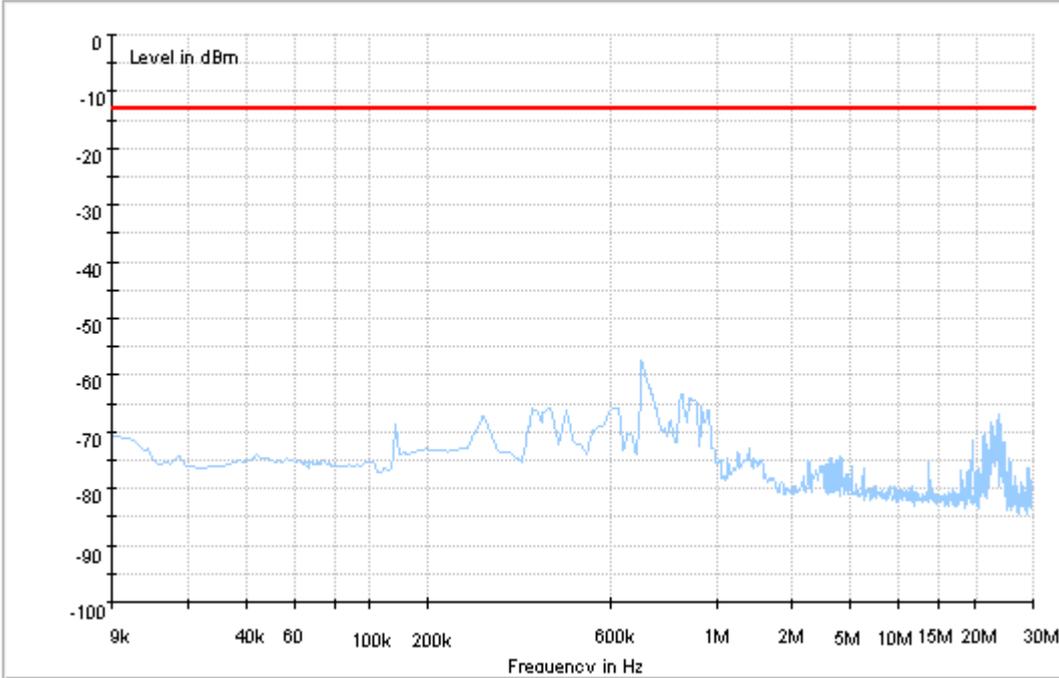
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L
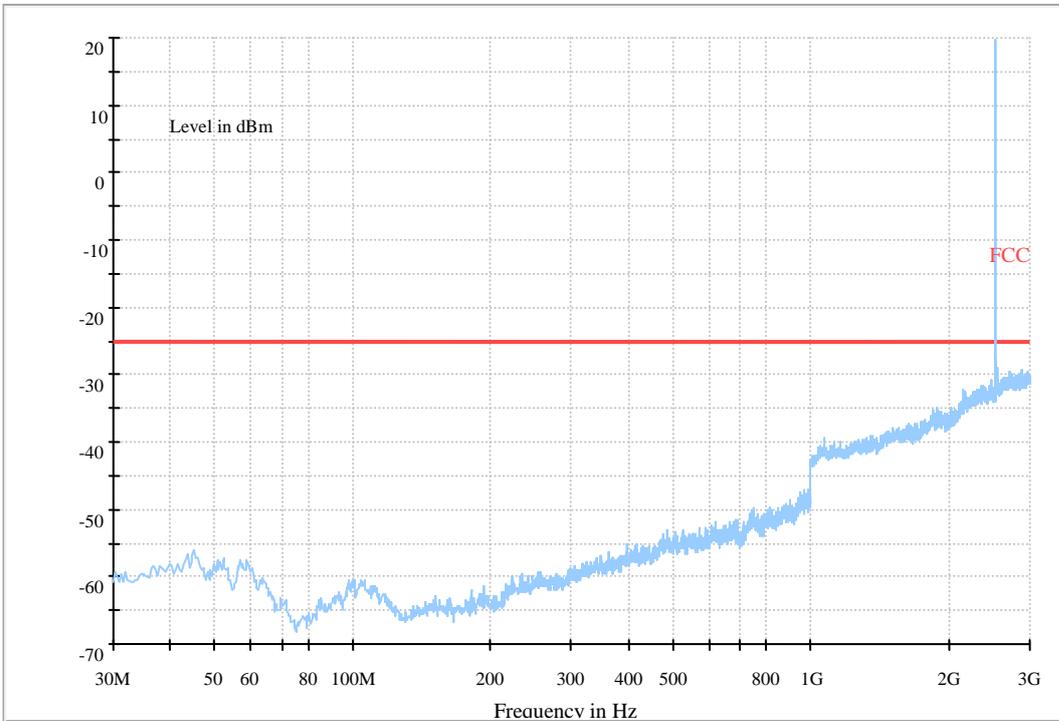
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H
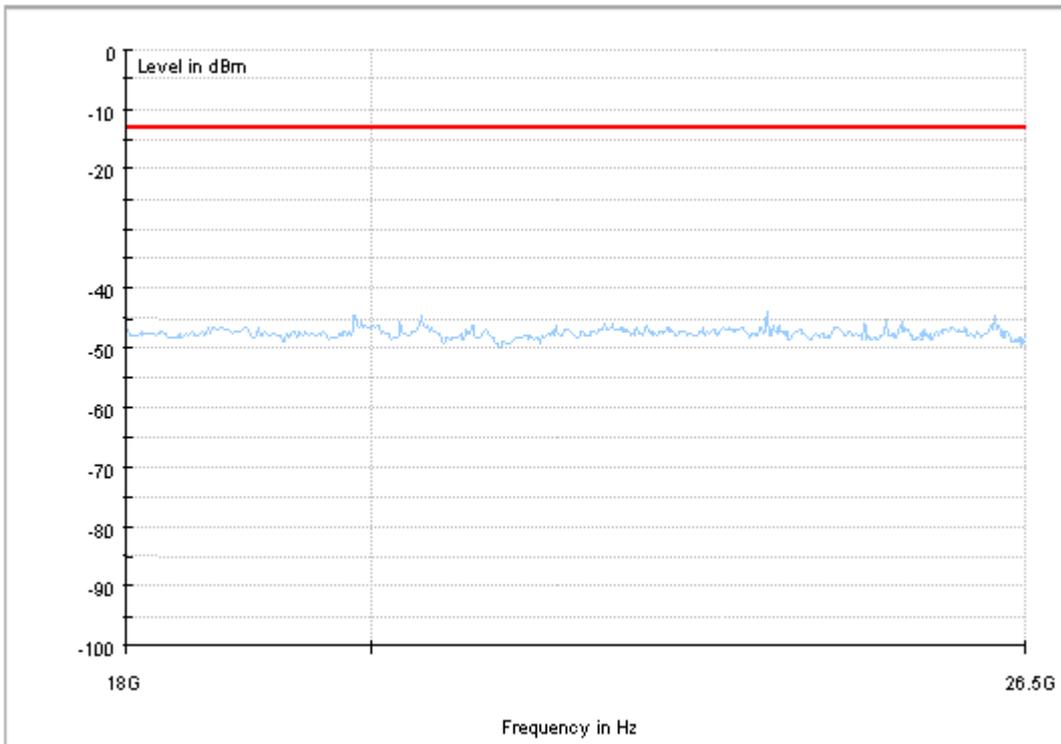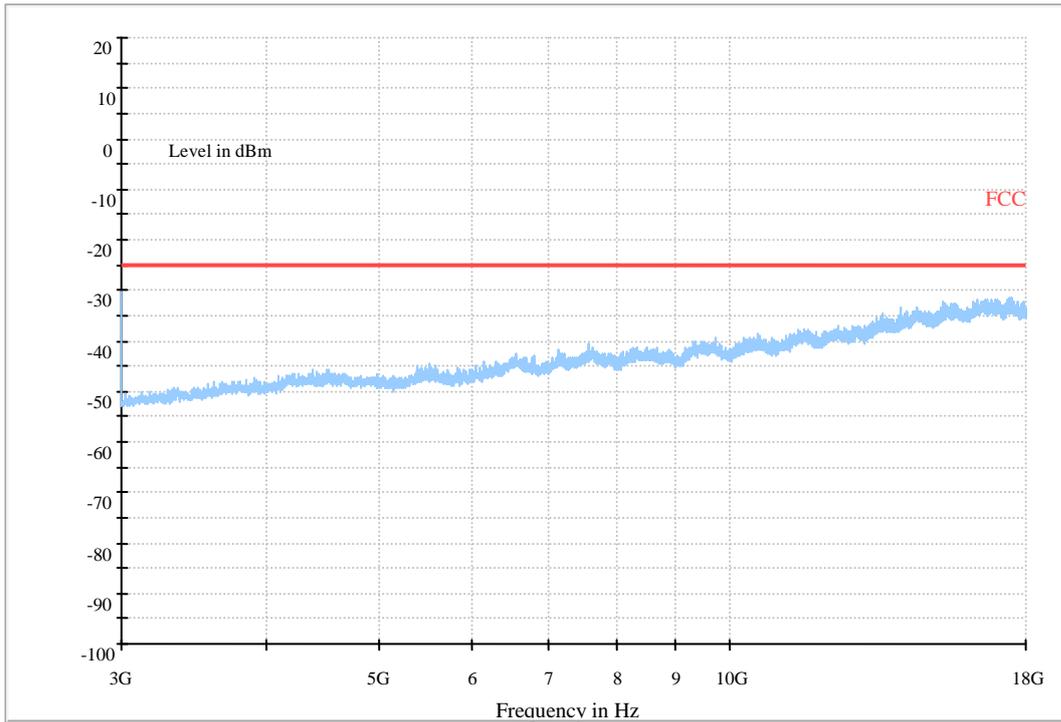
8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1 Frequency Error vs. Voltage:

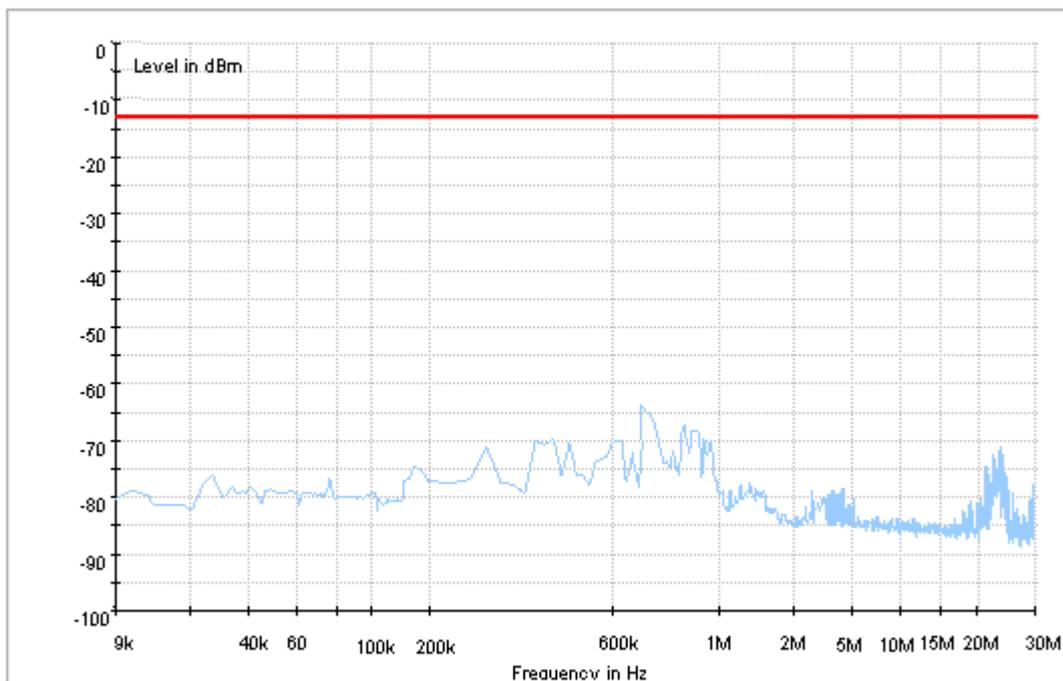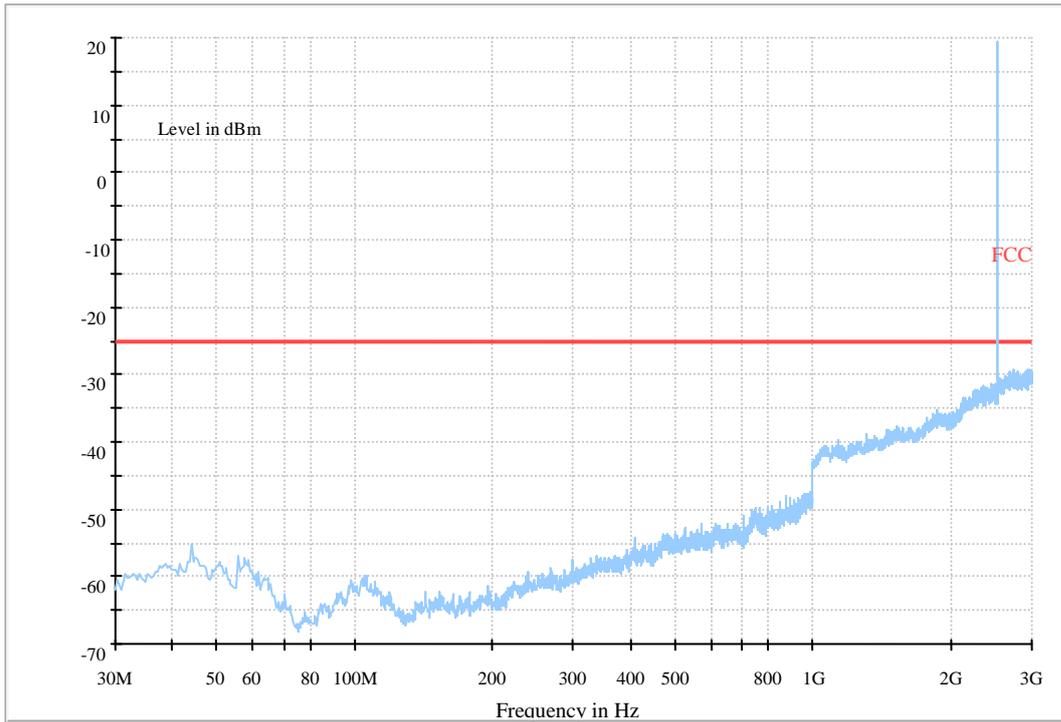| Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND7	LTE/TM1	5	LCH	TN	VL	1.96	0.00078	PASS
					VN	1.85	0.00074	PASS
					VH	5.06	0.00202	PASS
			MCH	TN	VL	-5.42	-0.00214	PASS
					VN	-3.29	-0.0013	PASS
					VH	-2.49	-0.00098	PASS
			HCH	TN	VL	-3.05	-0.00119	PASS
					VN	-5.98	-0.00233	PASS
					VH	-5.05	-0.00197	PASS
		10	LCH	TN	VL	-3.62	-0.00145	PASS
					VN	-0.3	-0.00012	PASS
					VH	-1.82	-0.00073	PASS
			MCH	TN	VL	-1.12	-0.00044	PASS
					VN	-1.27	-0.0005	PASS
					VH	-0.56	-0.00022	PASS
			HCH	TN	VL	-7.6	-0.00296	PASS
					VN	-2.4	-0.00094	PASS
					VH	-7.5	-0.00292	PASS
		15	LCH	TN	VL	-9.56	-0.00381	PASS
					VN	-7.11	-0.00284	PASS
					VH	-10.47	-0.00418	PASS
			MCH	TN	VL	-3.35	-0.00132	PASS
					VN	-2.12	-0.00084	PASS
					VH	-3.46	-0.00136	PASS
			HCH	TN	VL	-1.65	-0.00064	PASS
					VN	2.45	0.00096	PASS
					VH	1.8	0.0007	PASS
		20	LCH	TN	VL	2.47	0.00098	PASS
					VN	0.19	0.00008	PASS
					VH	2.65	0.00106	PASS
			MCH	TN	VL	-2.93	-0.00116	PASS
					VN	-3.58	-0.00141	PASS
					VH	-2.86	-0.00113	PASS
			HCH	TN	VL	18.2	0.00711	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	19.57	0.00764	PASS
					VH	19.71	0.0077	PASS
		5	LCH	TN	VL	5.05	0.00202	PASS
					VN	5.84	0.00233	PASS
					VH	7.55	0.00302	PASS
			MCH	TN	VL	-3.56	-0.0014	PASS
					VN	-3.08	-0.00121	PASS
					VH	3.56	0.0014	PASS
			HCH	TN	VL	-7.97	-0.0031	PASS
					VN	-2.79	-0.00109	PASS
					VH	-2.82	-0.0011	PASS
		10	LCH	TN	VL	-0.87	-0.00035	PASS
					VN	-1.07	-0.00043	PASS
					VH	-0.54	-0.00022	PASS
			MCH	TN	VL	-4.32	-0.0017	PASS
					VN	-4.19	-0.00165	PASS
					VH	0.21	0.00008	PASS
			HCH	TN	VL	-21.54	-0.0084	PASS
					VN	-19.48	-0.00759	PASS
					VH	-22.77	-0.00888	PASS
	LTE/TM2	15	LCH	TN	VL	-3.1	-0.00124	PASS
					VN	-5.61	-0.00224	PASS
					VH	-1.26	-0.0005	PASS
			MCH	TN	VL	-3.65	-0.00144	PASS
					VN	0.13	0.00005	PASS
					VH	-4.68	-0.00185	PASS
			HCH	TN	VL	-0.07	-0.00003	PASS
					VN	4.12	0.00161	PASS
					VH	-0.94	-0.00037	PASS
		20	LCH	TN	VL	0.63	0.00025	PASS
					VN	5.18	0.00206	PASS
					VH	2.03	0.00081	PASS
			MCH	TN	VL	-4.88	-0.00193	PASS
					VN	-1.32	-0.00052	PASS
					VH	-4.96	-0.00196	PASS
			HCH	TN	VL	24.68	0.00964	PASS
					VN	26.41	0.01032	PASS
					VH	24.08	0.00941	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
BAND7	LTE/TM1	5	LCH	VN	-30	-0.17	-0.00007	PASS
					-20	-0.41	-0.00016	PASS
					-10	1.12	0.00045	PASS
					0	3.98	0.00159	PASS
					10	2.53	0.00101	PASS
					20	0.17	0.00007	PASS
					30	1.93	0.00077	PASS
					40	2.98	0.00119	PASS
					50	0.69	0.00028	PASS
			MCH	VN	-30	-3.55	-0.0014	PASS
					-20	-2.57	-0.00101	PASS
					-10	-4.02	-0.00159	PASS
					0	-2.53	-0.001	PASS
					10	-4.95	-0.00195	PASS
					20	-4.01	-0.00158	PASS
					30	-4.76	-0.00188	PASS
					40	-5.49	-0.00217	PASS
					50	-3.09	-0.00122	PASS
			HCH	VN	-30	0.96	0.00037	PASS
					-20	-0.09	-0.00004	PASS
					-10	0.72	0.00028	PASS
					0	1.43	0.00056	PASS
					10	0.86	0.00033	PASS
					20	1.43	0.00056	PASS
					30	1.04	0.00041	PASS
					40	1.46	0.00057	PASS
					50	0.83	0.00032	PASS
		10	LCH	VN	-30	-3.28	-0.00131	PASS
					-20	-1.72	-0.00069	PASS
					-10	-3.32	-0.00133	PASS
					0	-1.69	-0.00067	PASS
					10	-2.8	-0.00112	PASS
					20	-3.49	-0.00139	PASS
					30	-2.33	-0.00093	PASS
					40	-1.12	-0.00045	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test. Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-2.12	-0.00085	PASS
			MCH	VN	-30	-1.83	-0.00072	PASS
					-20	-3	-0.00118	PASS
					-10	-2.73	-0.00108	PASS
					0	-4.56	-0.0018	PASS
					10	-2.69	-0.00106	PASS
					20	-3.86	-0.00152	PASS
					30	-2.47	-0.00097	PASS
					40	-2.26	-0.00089	PASS
					50	-2.17	-0.00086	PASS
			HCH	VN	-30	-1.65	-0.00064	PASS
					-20	-4.08	-0.00159	PASS
					-10	-3.86	-0.0015	PASS
					0	-4.84	-0.00189	PASS
					10	-2.96	-0.00115	PASS
					20	-2	-0.00078	PASS
					30	-5.25	-0.00205	PASS
					40	-5.16	-0.00201	PASS
					50	-4.99	-0.00195	PASS
			LCH	VN	-30	1.07	0.00043	PASS
					-20	0.92	0.00037	PASS
					-10	1.06	0.00042	PASS
					0	0.57	0.00023	PASS
					10	0.37	0.00015	PASS
					20	2.35	0.00094	PASS
					30	0.84	0.00033	PASS
					40	1.97	0.00079	PASS
					50	1.27	0.00051	PASS
		15	MCH	VN	-30	-2.88	-0.00114	PASS
					-20	-2.45	-0.00097	PASS
					-10	-2.75	-0.00108	PASS
					0	-4.52	-0.00178	PASS
					10	-4.66	-0.00184	PASS
					20	-4.09	-0.00161	PASS
					30	-4.68	-0.00185	PASS
					40	-1.65	-0.00065	PASS
					50	-2.65	-0.00105	PASS
			HCH	VN	-30	1.37	0.00053	PASS
					-20	1.53	0.0006	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test. Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	1.73	0.00068	PASS
					0	0.93	0.00036	PASS
					10	2.65	0.00103	PASS
					20	5.04	0.00197	PASS
					30	1.97	0.00077	PASS
					40	1.72	0.00067	PASS
					50	2.6	0.00101	PASS
			LCH	VN	-30	-0.49	-0.0002	PASS
					-20	3.68	0.00147	PASS
					-10	1.37	0.00055	PASS
					0	0.83	0.00033	PASS
					10	2.73	0.00109	PASS
					20	1.52	0.00061	PASS
					30	0.44	0.00018	PASS
					40	1.83	0.00073	PASS
					50	1.43	0.00057	PASS
			MCH	VN	-30	-4.69	-0.00185	PASS
					-20	-4.21	-0.00166	PASS
		20			-10	-3.2	-0.00126	PASS
					0	-2.78	-0.0011	PASS
					10	-4.15	-0.00164	PASS
					20	-4.25	-0.00168	PASS
					30	-3.68	-0.00145	PASS
					40	-3.66	-0.00144	PASS
					50	-3.2	-0.00126	PASS
			HCH	VN	-30	-0.99	-0.00039	PASS
					-20	-1.04	-0.00041	PASS
					-10	-0.4	-0.00016	PASS
					0	2.72	0.00106	PASS
					10	-0.09	-0.00004	PASS
					20	-1.44	-0.00056	PASS
					30	-0.26	-0.0001	PASS
					40	-0.19	-0.00007	PASS
					50	-2.19	-0.00086	PASS
	LTE/TM2	5	LCH	VN	-30	0.13	0.00005	PASS
					-20	2.85	0.00114	PASS
					-10	2.12	0.00085	PASS
					0	1.83	0.00073	PASS
					10	1.47	0.00059	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test. Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	0.06	0.00002	PASS
					30	3.56	0.00142	PASS
					40	3.23	0.00129	PASS
					50	2.59	0.00103	PASS
			MCH	VN	-30	-1.95	-0.00077	PASS
					-20	-1.3	-0.00051	PASS
					-10	-0.29	-0.00011	PASS
					0	-2.99	-0.00118	PASS
					10	-3.13	-0.00123	PASS
					20	-3.09	-0.00122	PASS
					30	-3.69	-0.00146	PASS
					40	-3.53	-0.00139	PASS
					50	-0.72	-0.00028	PASS
			HCH	VN	-30	1.52	0.00059	PASS
					-20	-0.21	-0.00008	PASS
					-10	0.46	0.00018	PASS
					0	-0.63	-0.00025	PASS
					10	1.22	0.00048	PASS
					20	0.67	0.00026	PASS
					30	0.97	0.00038	PASS
					40	1.54	0.0006	PASS
					50	-0.44	-0.00017	PASS
		10	LCH	VN	-30	-4.58	-0.00183	PASS
					-20	-1.93	-0.00077	PASS
					-10	-2.78	-0.00111	PASS
					0	-2.4	-0.00096	PASS
					10	-2.86	-0.00114	PASS
					20	-3.53	-0.00141	PASS
					30	-4.59	-0.00183	PASS
					40	-4.75	-0.0019	PASS
					50	-3.53	-0.00141	PASS
			MCH	VN	-30	-4.03	-0.00159	PASS
					-20	-3.18	-0.00125	PASS
					-10	-1.75	-0.00069	PASS
					0	-3.55	-0.0014	PASS
					10	-1.63	-0.00064	PASS
					20	-2.27	-0.0009	PASS
					30	-3.99	-0.00157	PASS
					40	-1.96	-0.00077	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test. Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-3.71	-0.00146	PASS
			HCH	VN	-30	-3.81	-0.00149	PASS
					-20	-5.26	-0.00205	PASS
					-10	-3.62	-0.00141	PASS
					0	-4.65	-0.00181	PASS
					10	-3.99	-0.00156	PASS
					20	-4.53	-0.00177	PASS
					30	-4.33	-0.00169	PASS
					40	-5.54	-0.00216	PASS
					50	-4.18	-0.00163	PASS
			LCH	VN	-30	3.48	0.00139	PASS
					-20	4.96	0.00198	PASS
					-10	2.09	0.00083	PASS
					0	0.31	0.00012	PASS
					10	0.59	0.00024	PASS
					20	0.26	0.0001	PASS
					30	0.54	0.00022	PASS
					40	0.54	0.00022	PASS
					50	2.45	0.00098	PASS
		15	MCH	VN	-30	-3.86	-0.00152	PASS
					-20	-2.83	-0.00112	PASS
					-10	-3.76	-0.00148	PASS
					0	-3.76	-0.00148	PASS
					10	-4.32	-0.0017	PASS
					20	-4.68	-0.00185	PASS
					30	-3.2	-0.00126	PASS
					40	-4.82	-0.0019	PASS
					50	-3.22	-0.00127	PASS
			HCH	VN	-30	2.05	0.0008	PASS
					-20	-0.39	-0.00015	PASS
					-10	1.8	0.0007	PASS
					0	1.96	0.00076	PASS
					10	2.5	0.00098	PASS
					20	1.89	0.00074	PASS
					30	0.07	0.00003	PASS
					40	3.19	0.00124	PASS
					50	2.92	0.00114	PASS
		20	LCH	VN	-30	1.57	0.00063	PASS
					-20	3.55	0.00141	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test. Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	1.89	0.00075	PASS
					0	2.03	0.00081	PASS
					10	2.59	0.00103	PASS
					20	3.48	0.00139	PASS
					30	3.62	0.00144	PASS
					40	2.89	0.00115	PASS
					50	1.93	0.00077	PASS
			MCH	VN	-30	-5.16	-0.00204	PASS
					-20	-2.06	-0.00081	PASS
					-10	-2.29	-0.0009	PASS
					0	-2.73	-0.00108	PASS
					10	-1.92	-0.00076	PASS
					20	-1.1	-0.00043	PASS
					30	-4.02	-0.00159	PASS
					40	-4.41	-0.00174	PASS
					50	-3.59	-0.00142	PASS
			HCH	VN	-30	1.67	0.00065	PASS
					-20	-0.96	-0.00038	PASS
					-10	-0.19	-0.00007	PASS
					0	-0.09	-0.00004	PASS
					10	1.69	0.00066	PASS
					20	0.37	0.00014	PASS
					30	0.2	0.00008	PASS
					40	0.59	0.00023	PASS
					50	-0.5	-0.0002	PASS

END