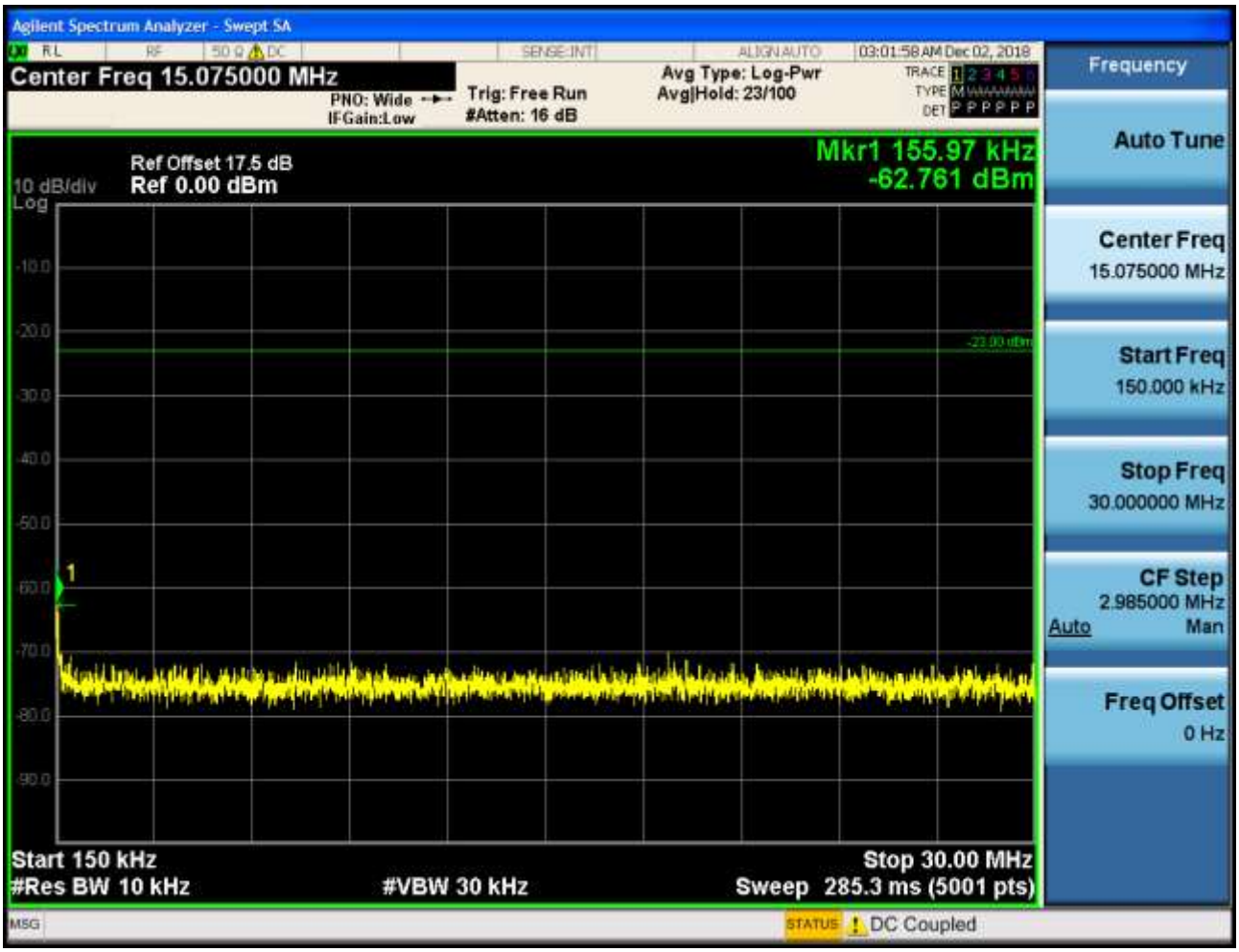
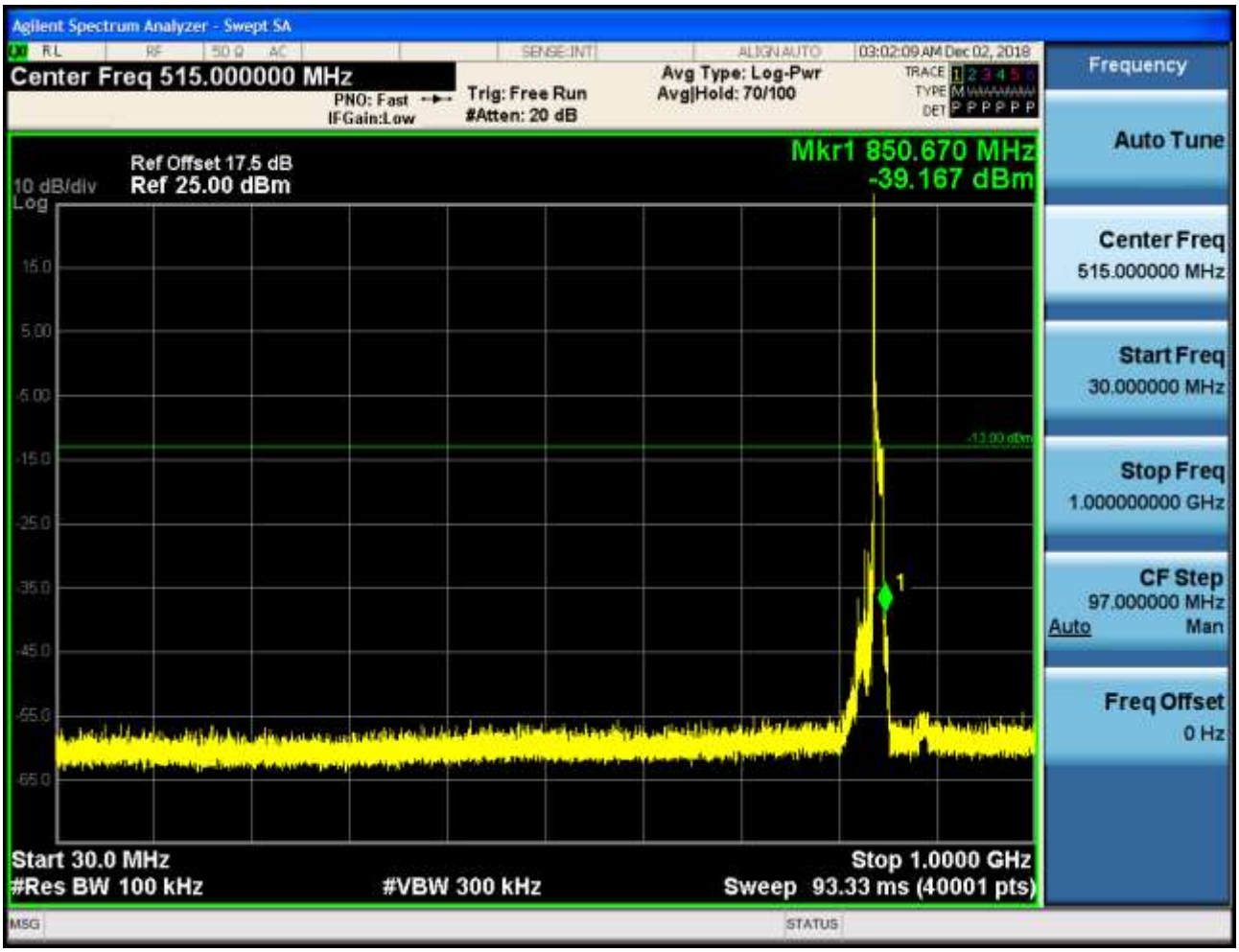

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
03:01:58 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-62.761 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

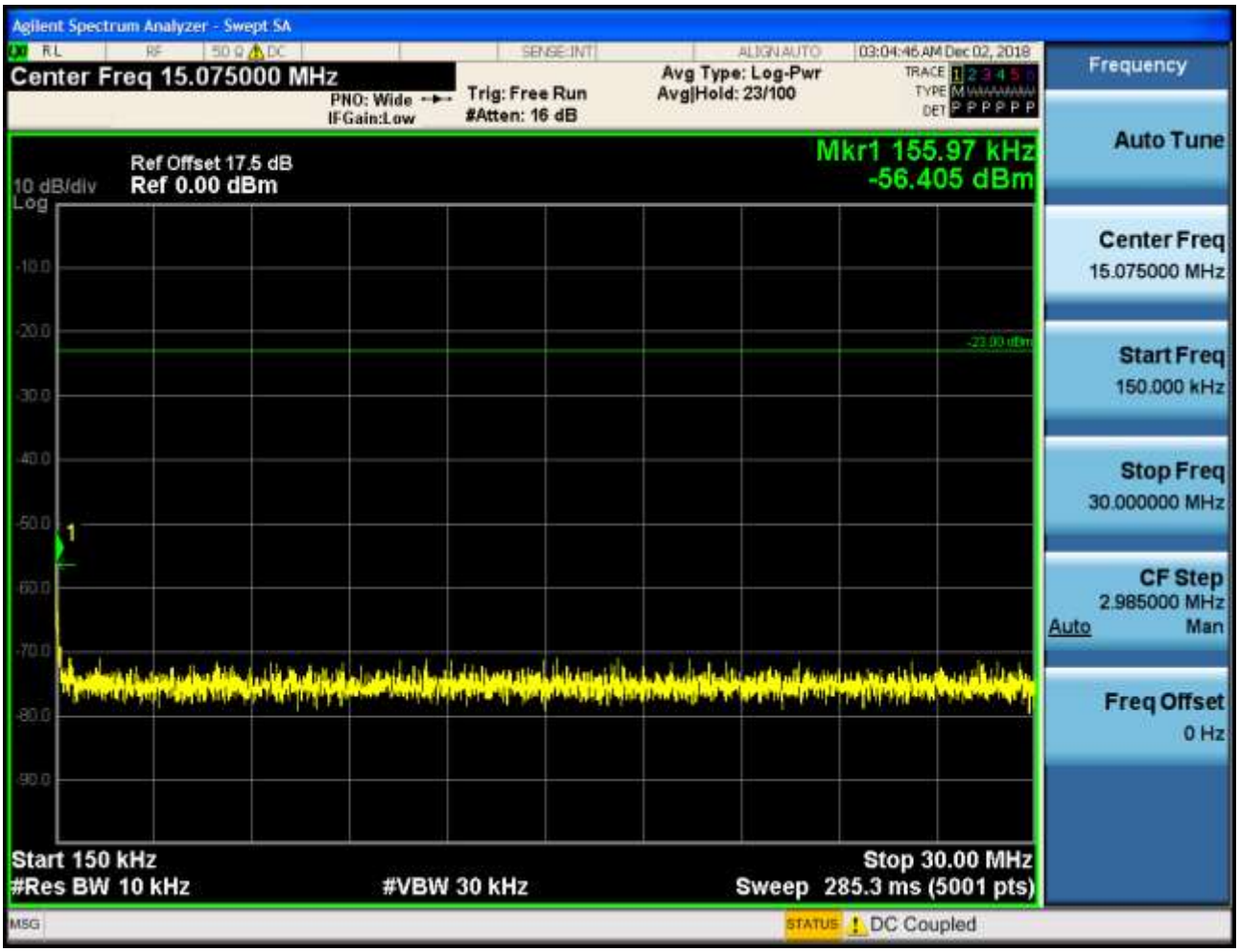

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 70/100
03:02:09 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 850.670 MHz
-39.167 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

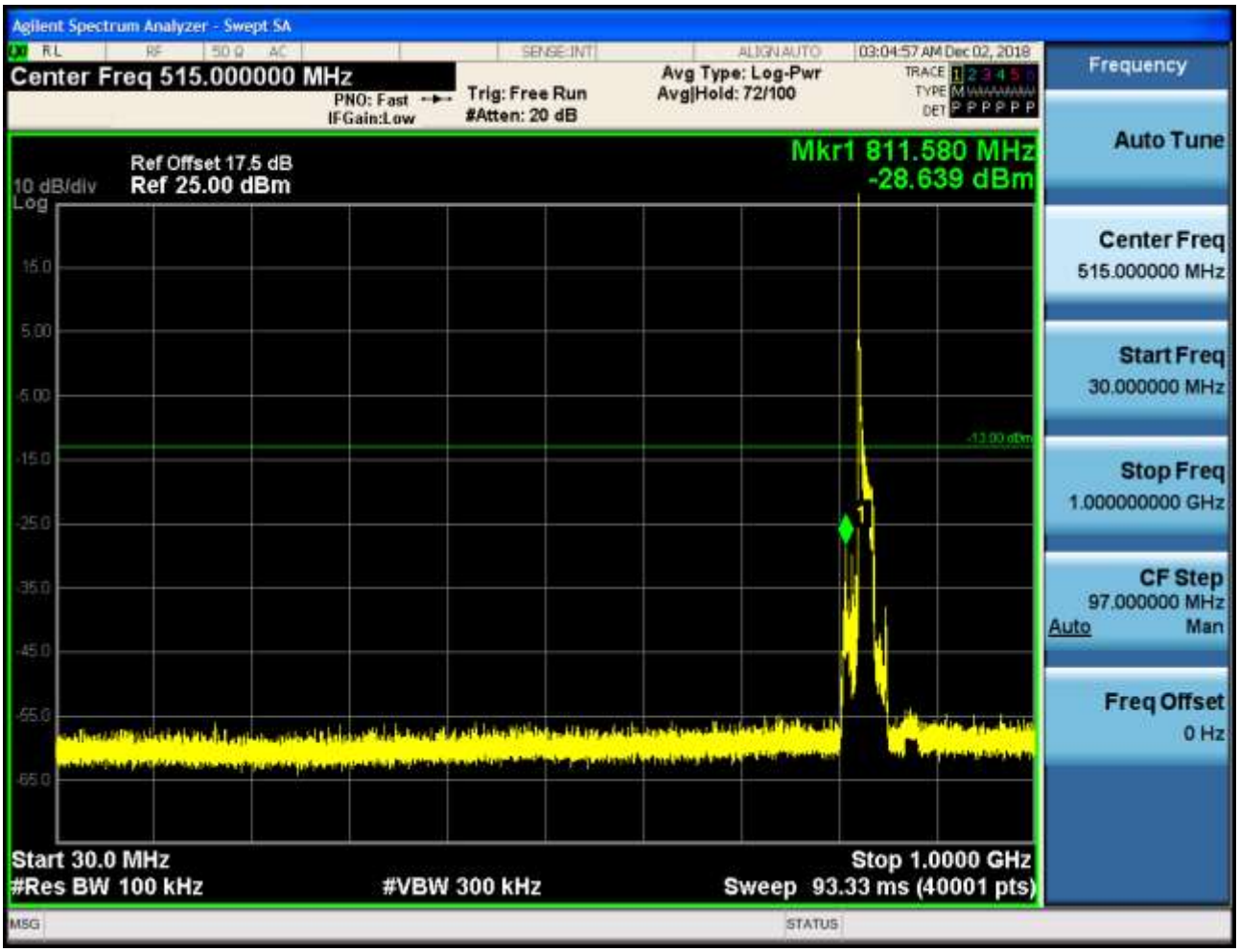
Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
03:02:19 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.679 74 GHz
-35.859 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.5 Test Bandwidth = 15

6.2.1.2.5.1 Test Channel = LCH

6.2.1.2.5.1.1 Test RB = RB1#0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
03:04:46 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-56.405 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 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 72/100
03:04:57 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 811.580 MHz
-28.639 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
03:05:07 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.650 36 GHz
-37.243 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.5.2 Test Channel = MCH

6.2.1.2.5.2.1 Test RB = RB1#0

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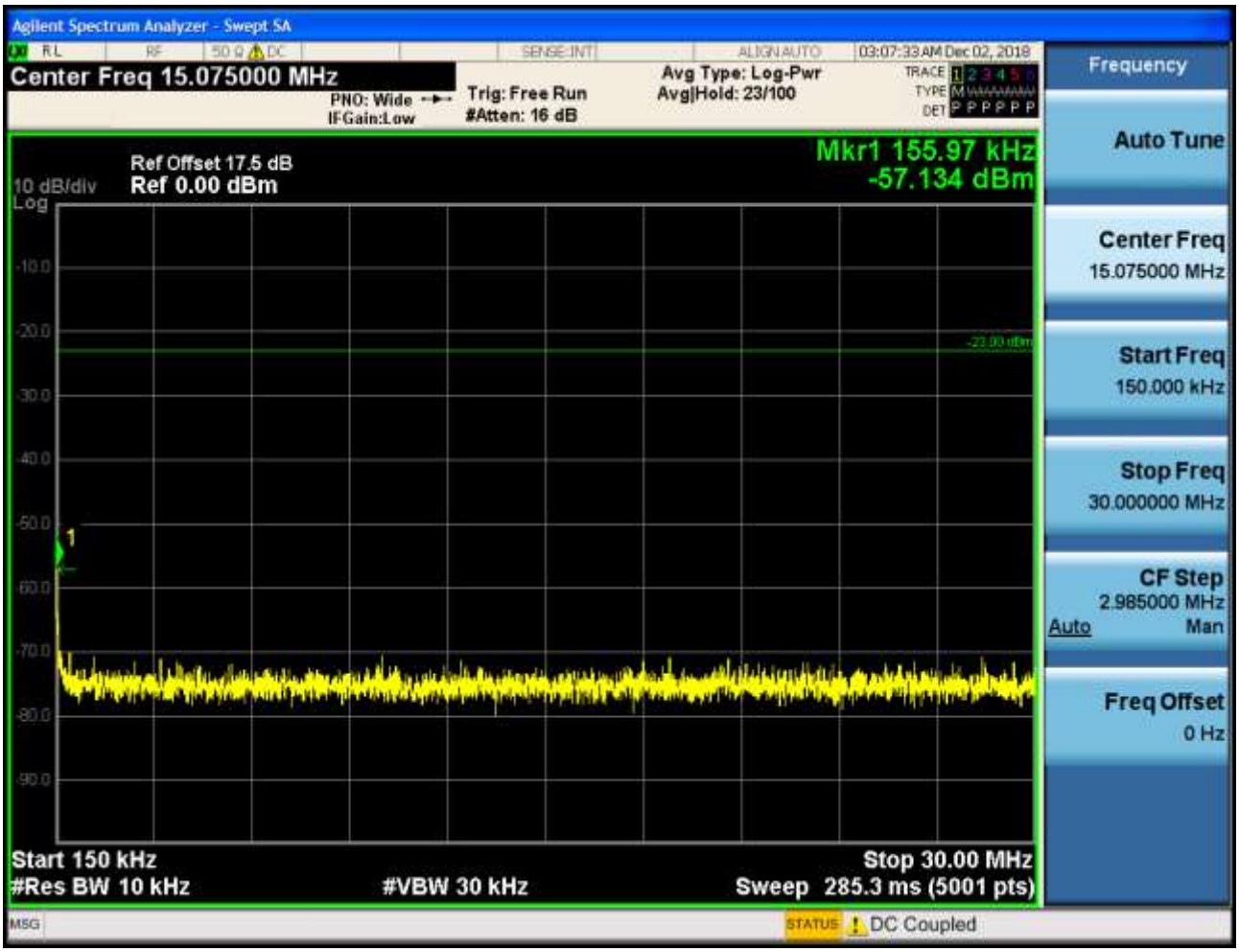
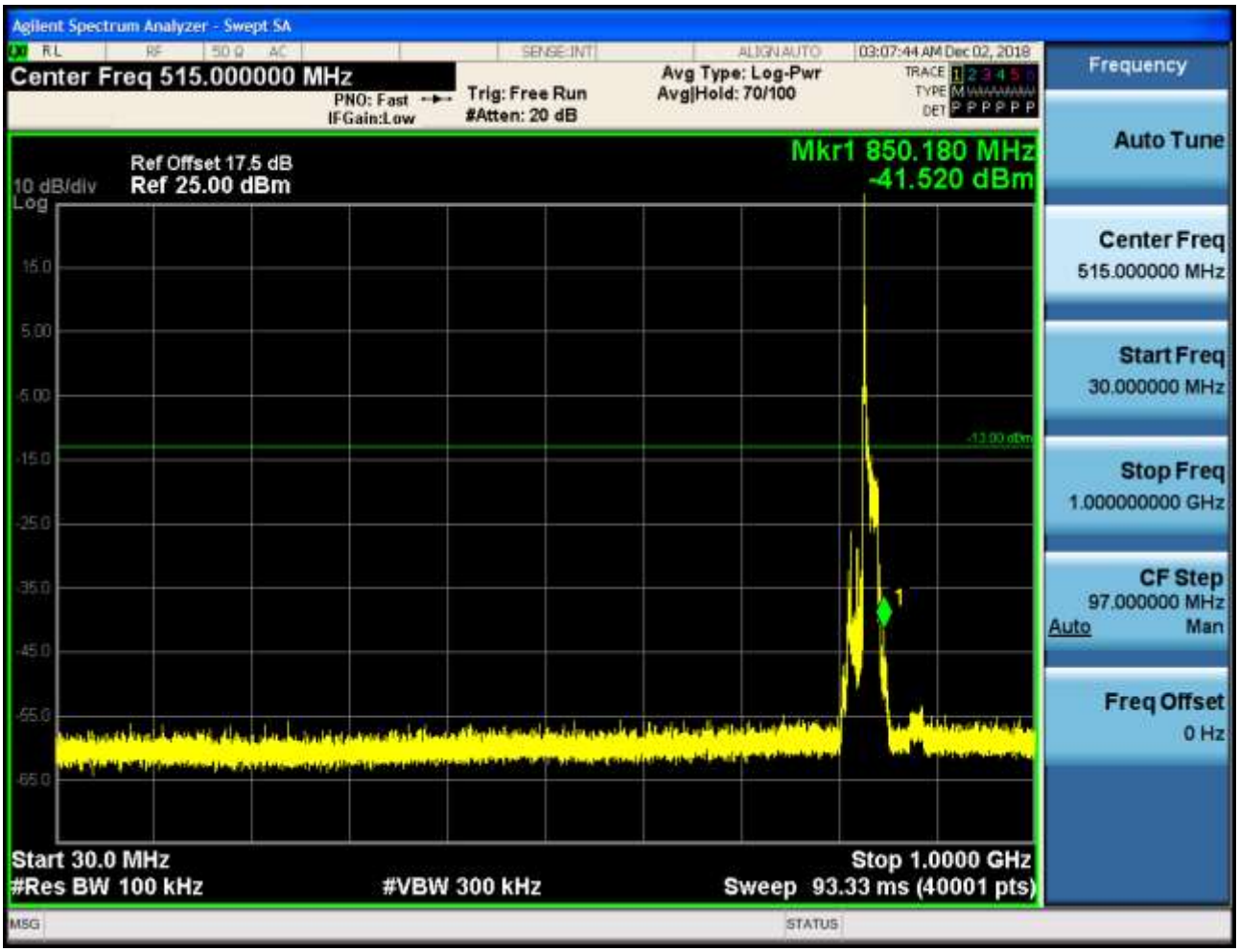

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
03:07:33 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-57.134 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 70/100
03:07:44 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 850.180 MHz
-41.520 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
03:07:53 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.660 06 GHz
-36.910 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.2.1.2.5.3 Test Channel = HCH

6.2.1.2.5.3.1 Test RB = RB1#0

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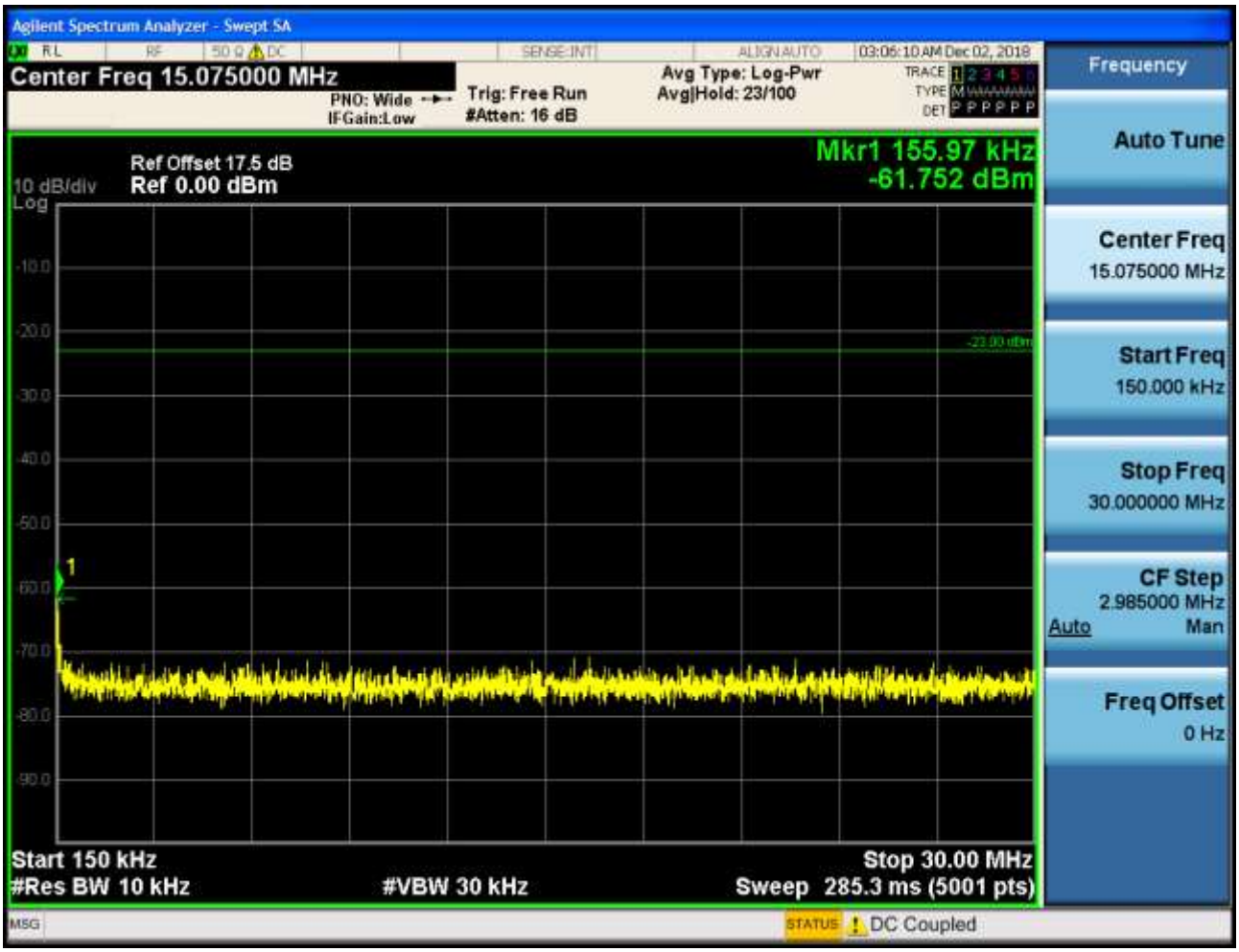
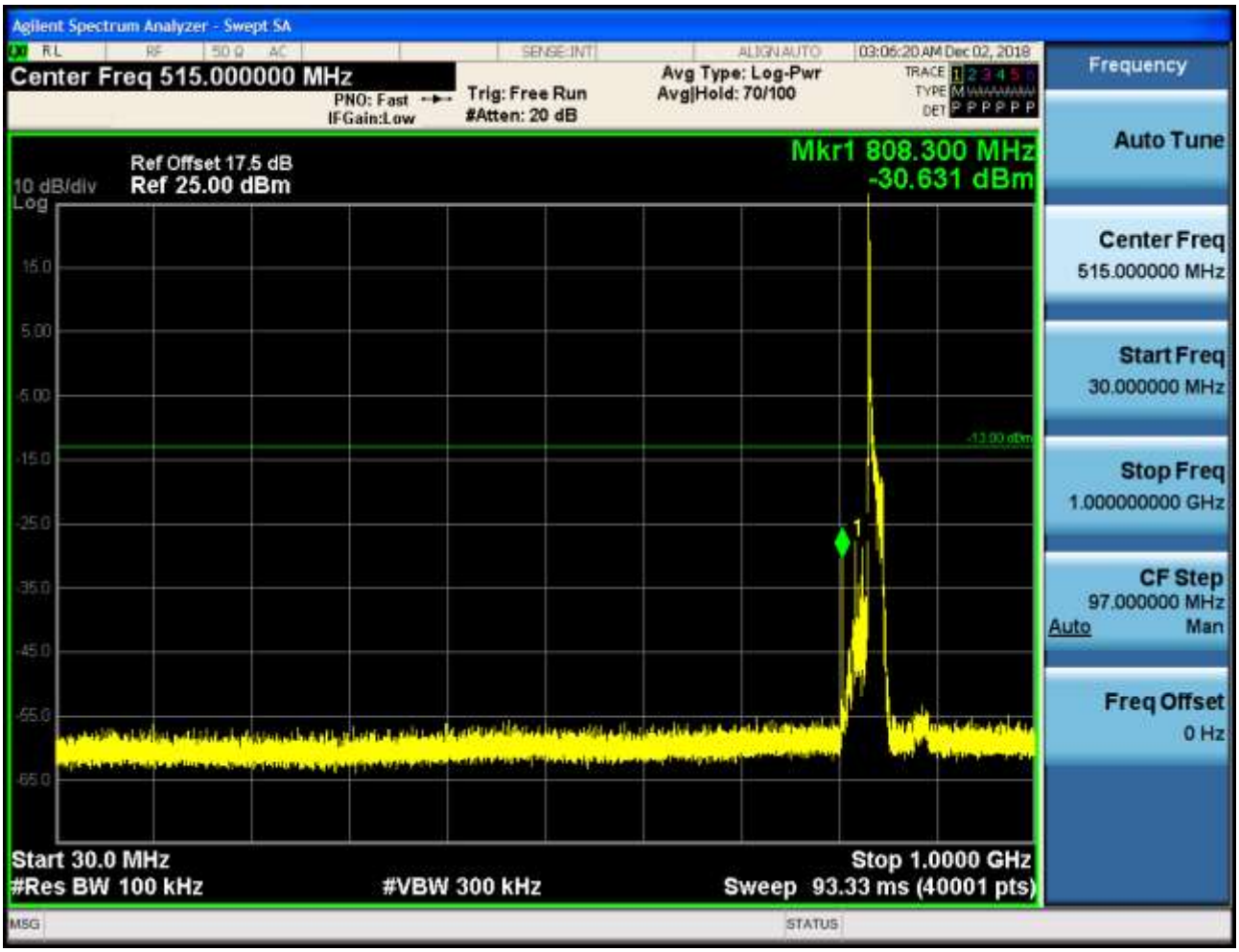

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 23/100
03:06:10 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 155.97 kHz
-61.752 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 70/100
03:06:20 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 808.300 MHz
-30.631 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 62/100
03:06:30 AM Dec 02, 2018
Ref Offset 17.5 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.670 34 GHz
-35.059 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 12.750 GHz
Sweep 21.33 ms (40001 pts)
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

7Appendix_G: Field Strength of Spurious Radiation

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

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

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

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

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

Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = Band26 (824-849 MHz)_ANT1

7.1.1.1 Test Bandwidth = 1.4

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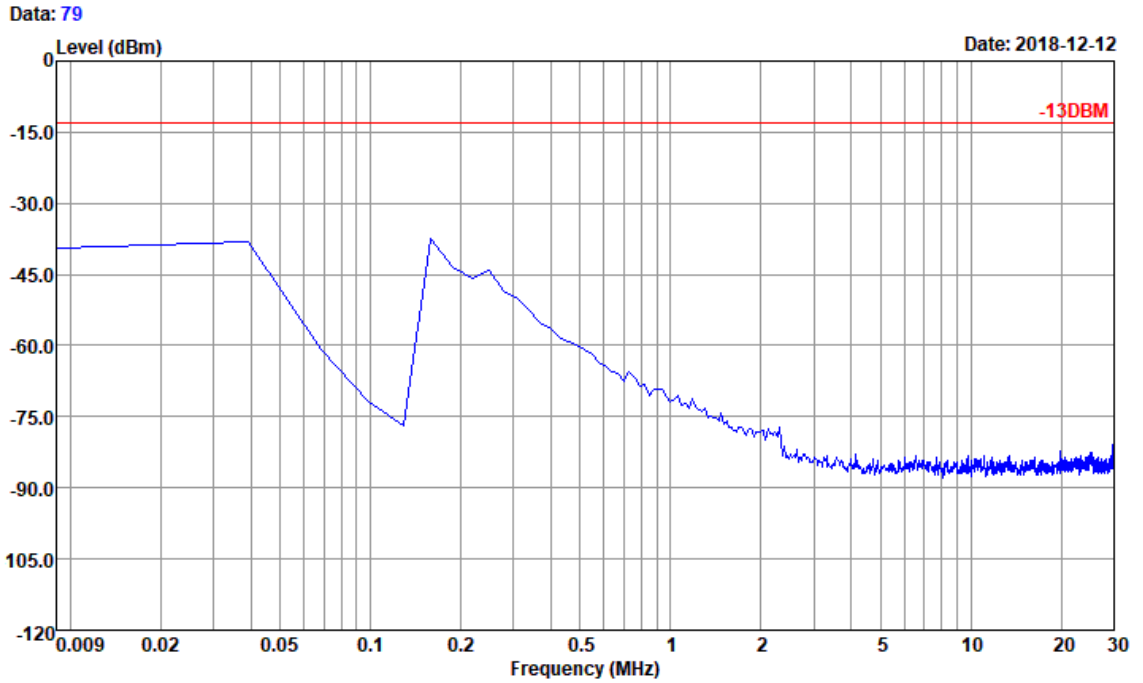
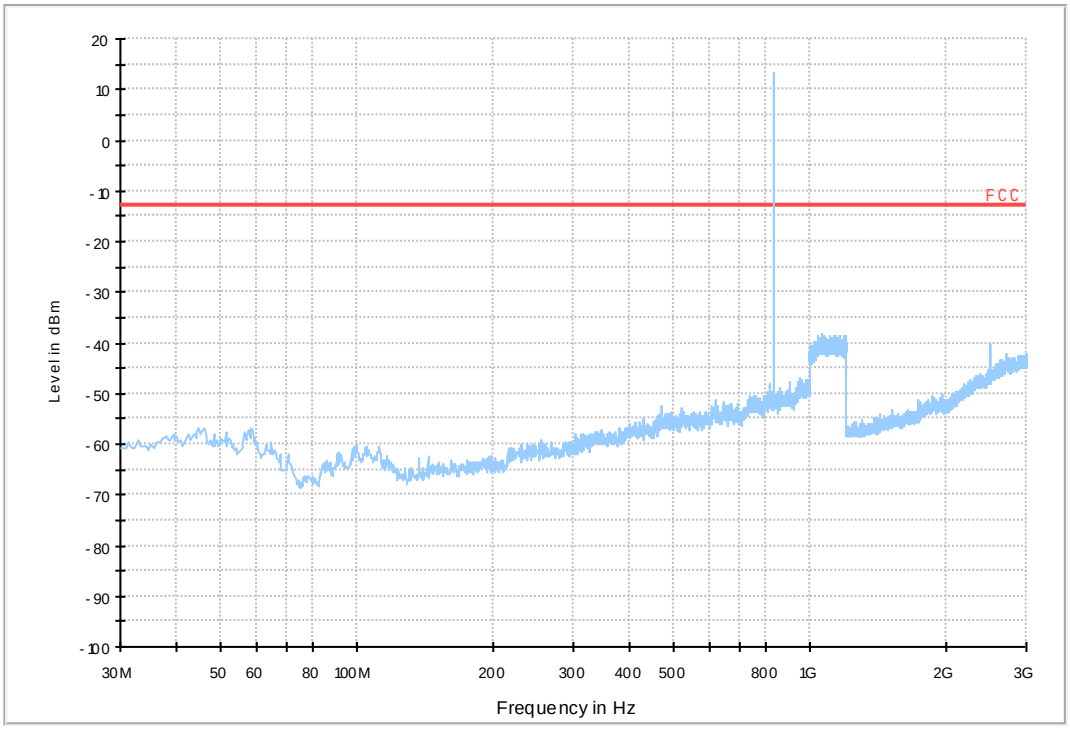
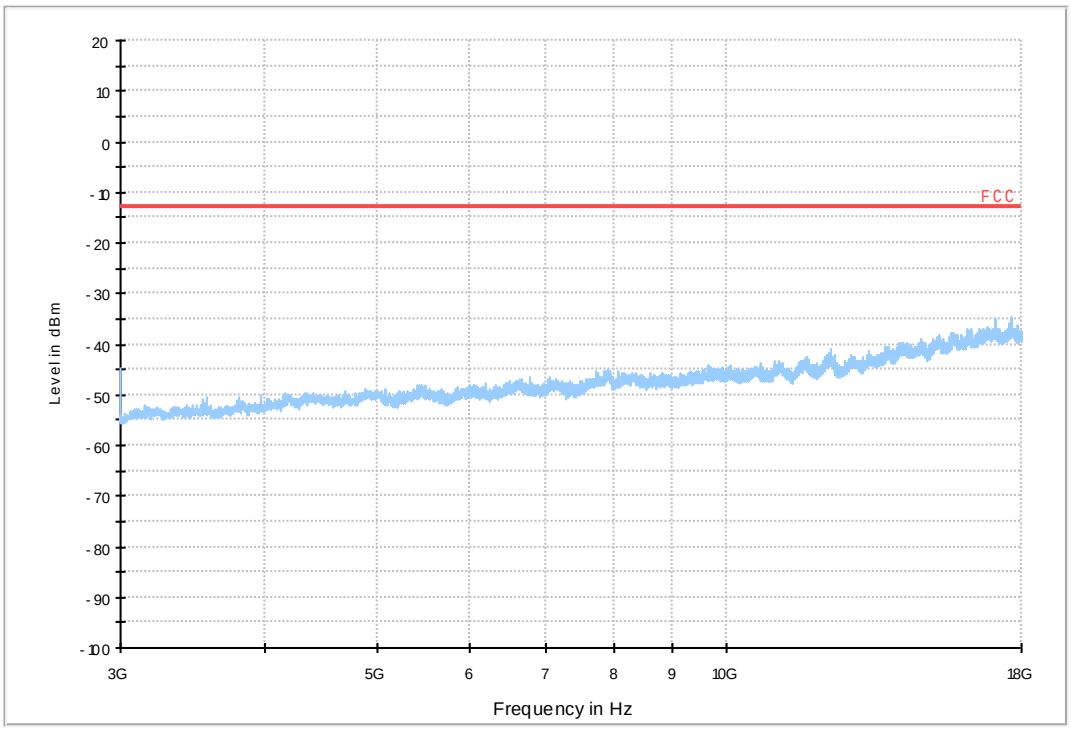


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

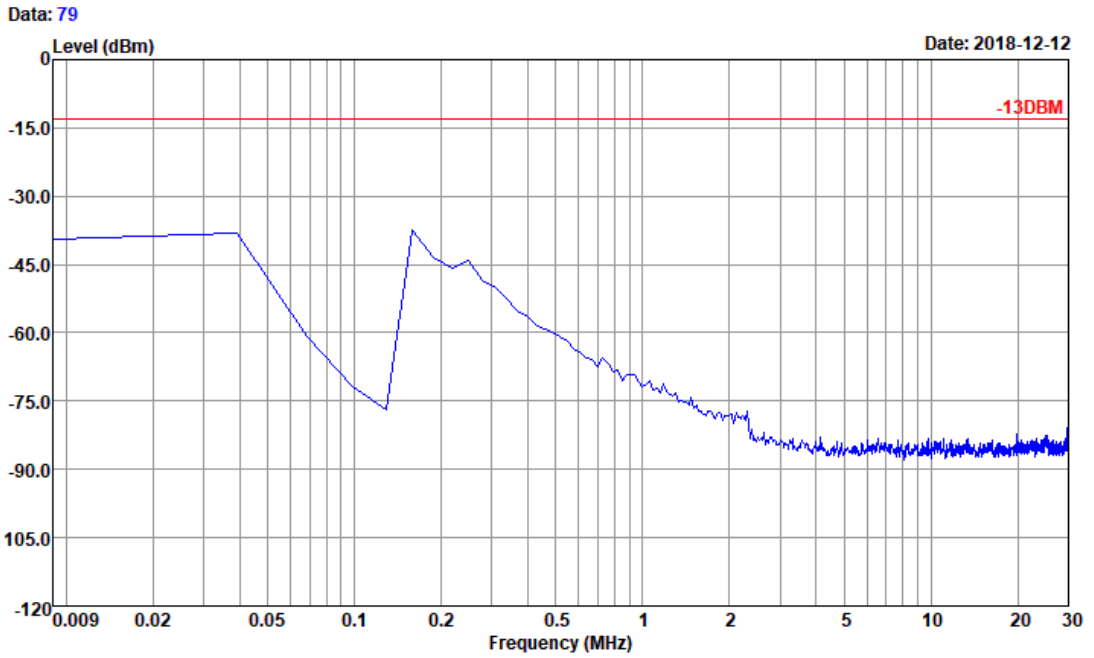
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

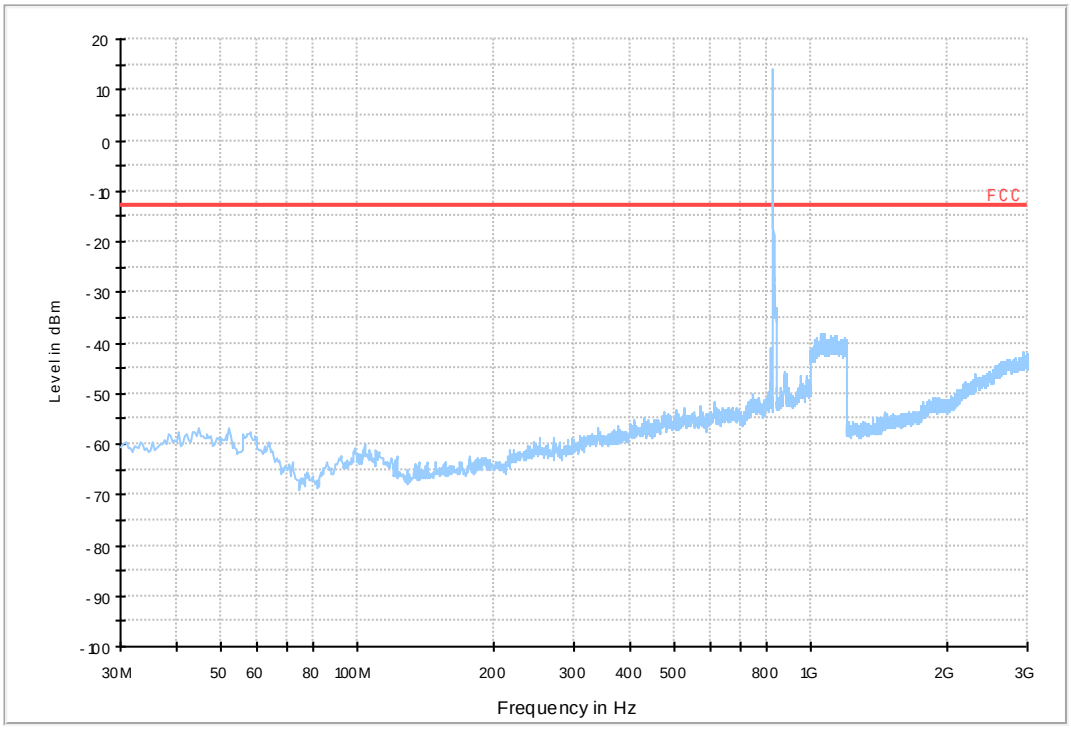


7.1.1.2 Test Bandwidth = 15

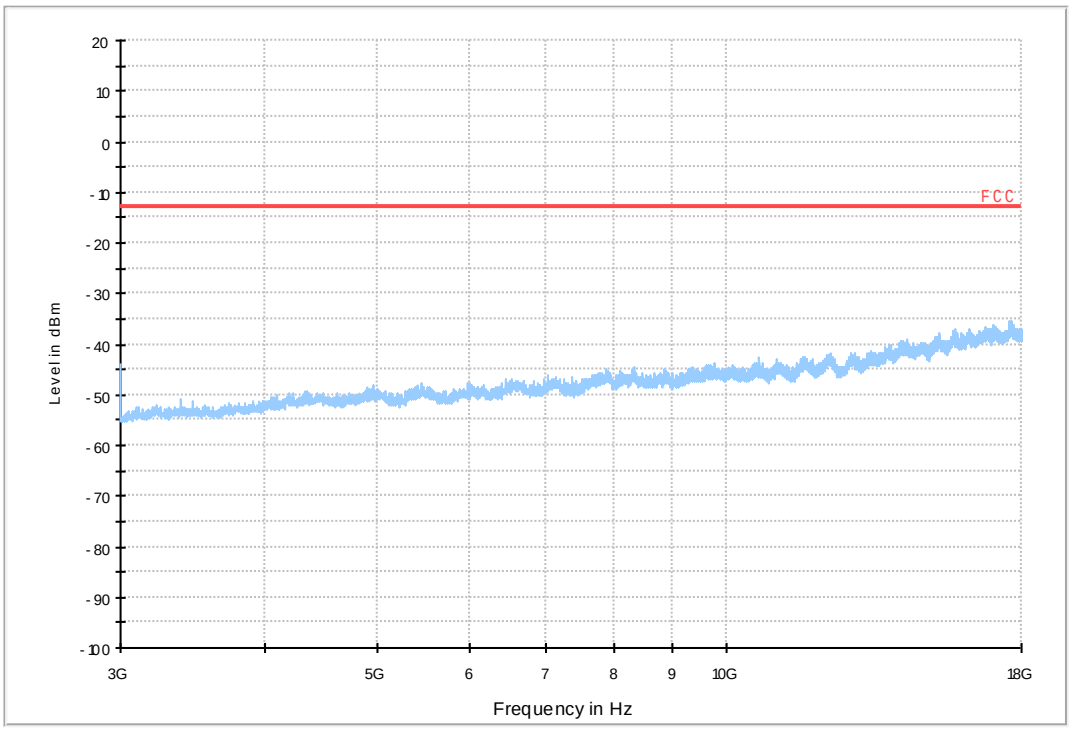



```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



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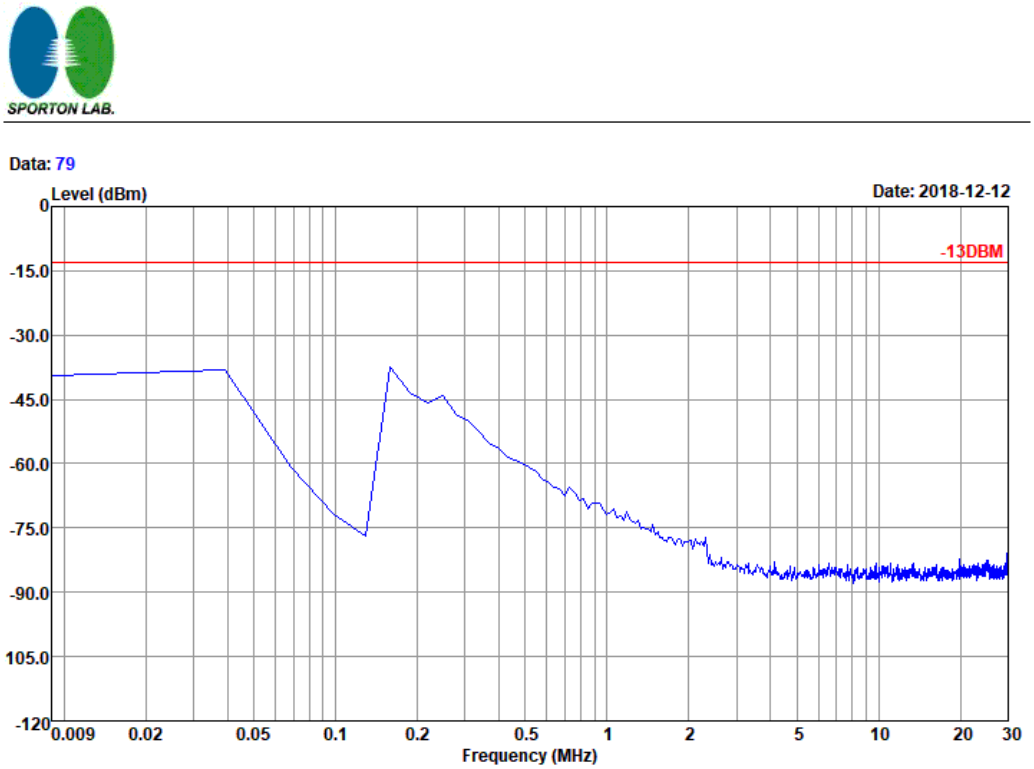
7.1.2 Test Band = Band26 (824-849 MHz)_ANT2

7.1.2.1 Test Bandwidth = 1.4




```
Site        : 03CH01-SZ
Condition   : -13DBM
            : RBW:9.000KHz VBW:30.000KHz
```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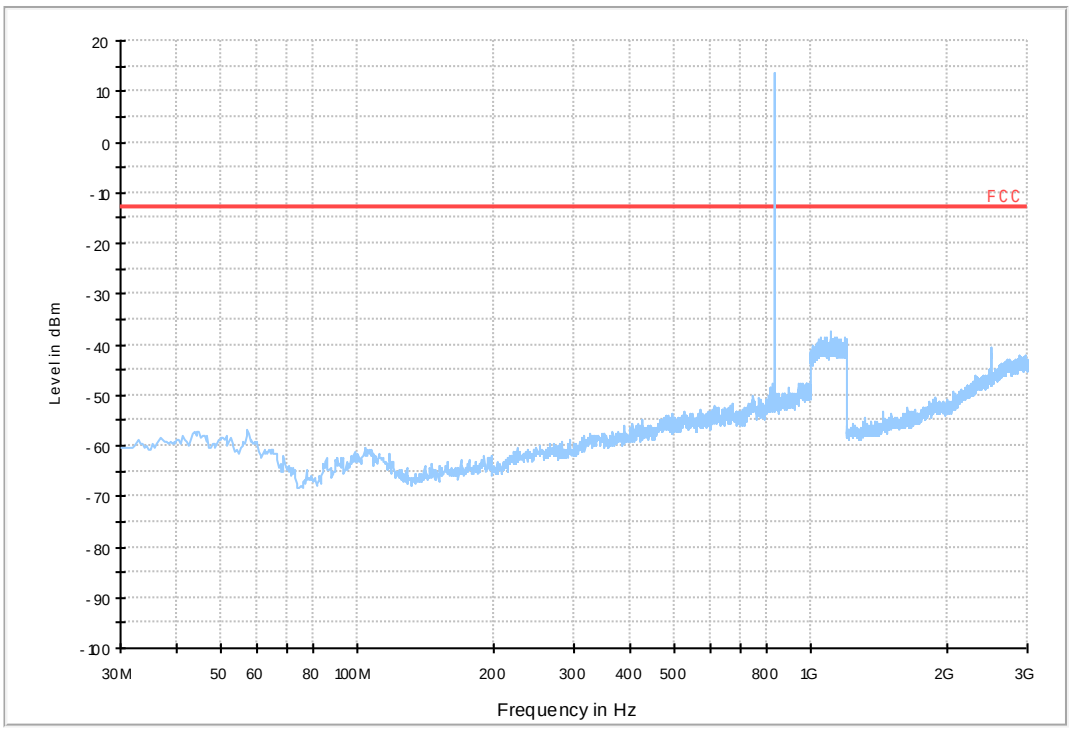
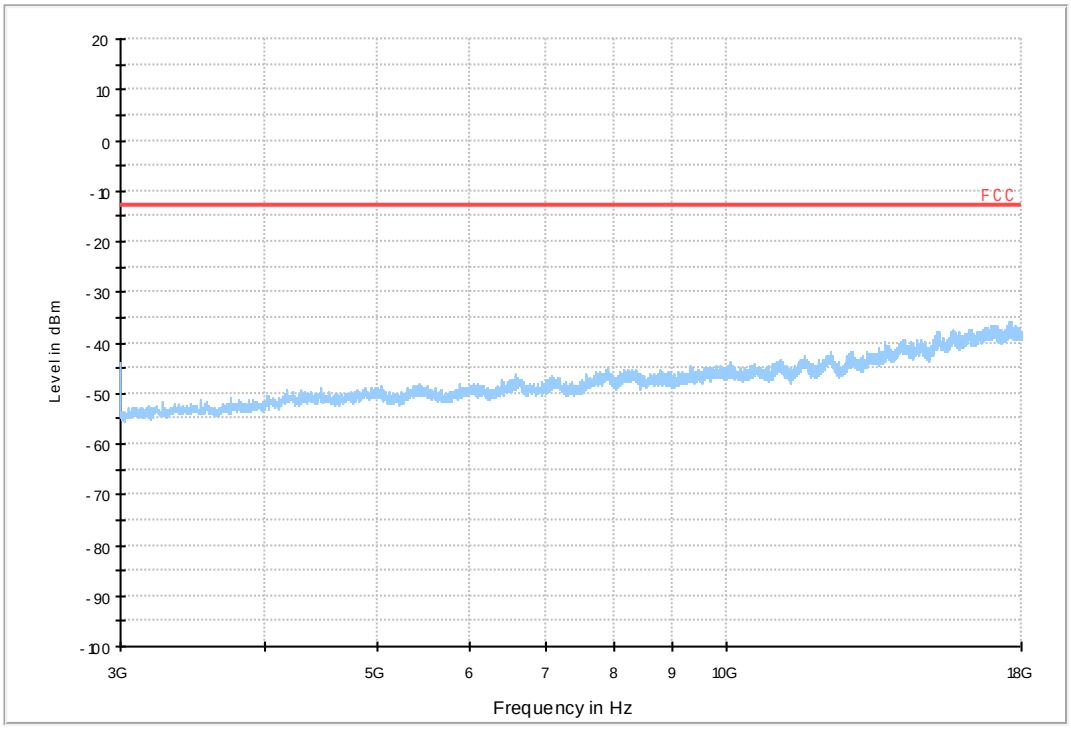
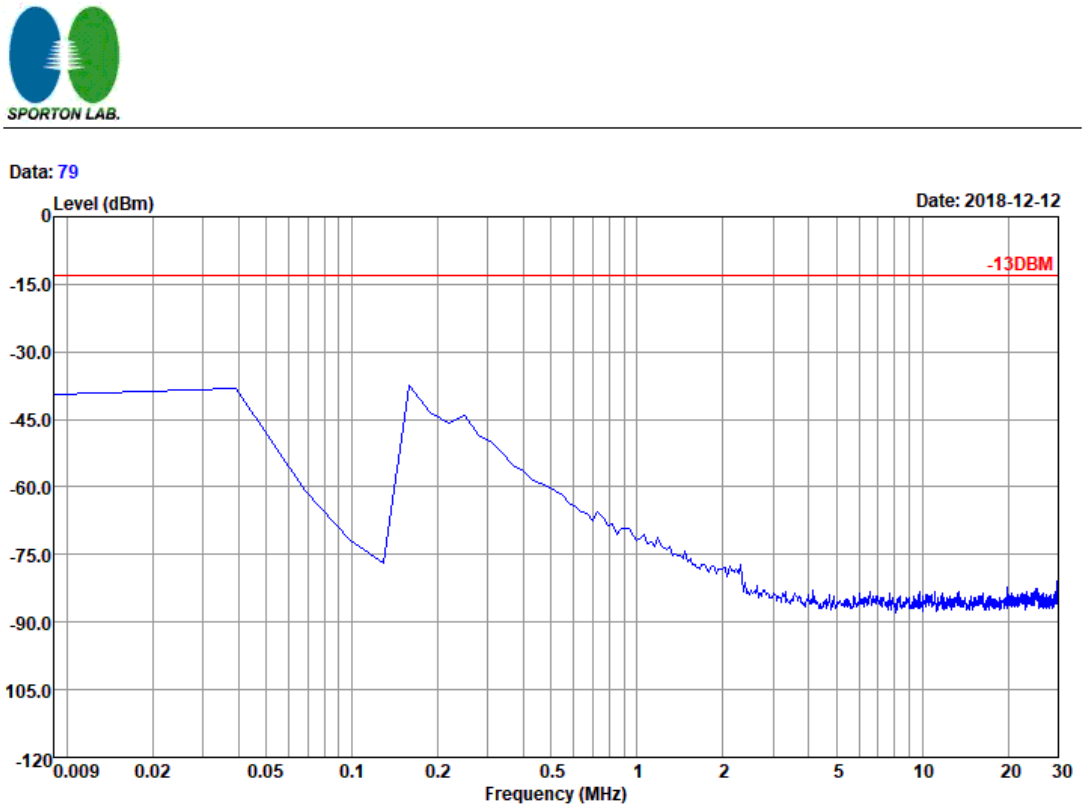
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



7.1.2.2 Test Bandwidth = 15




```
Site          : 03CH01-SZ
Condition     : -13DBM
              : RBW:9.000KHz VBW:30.000KHz
```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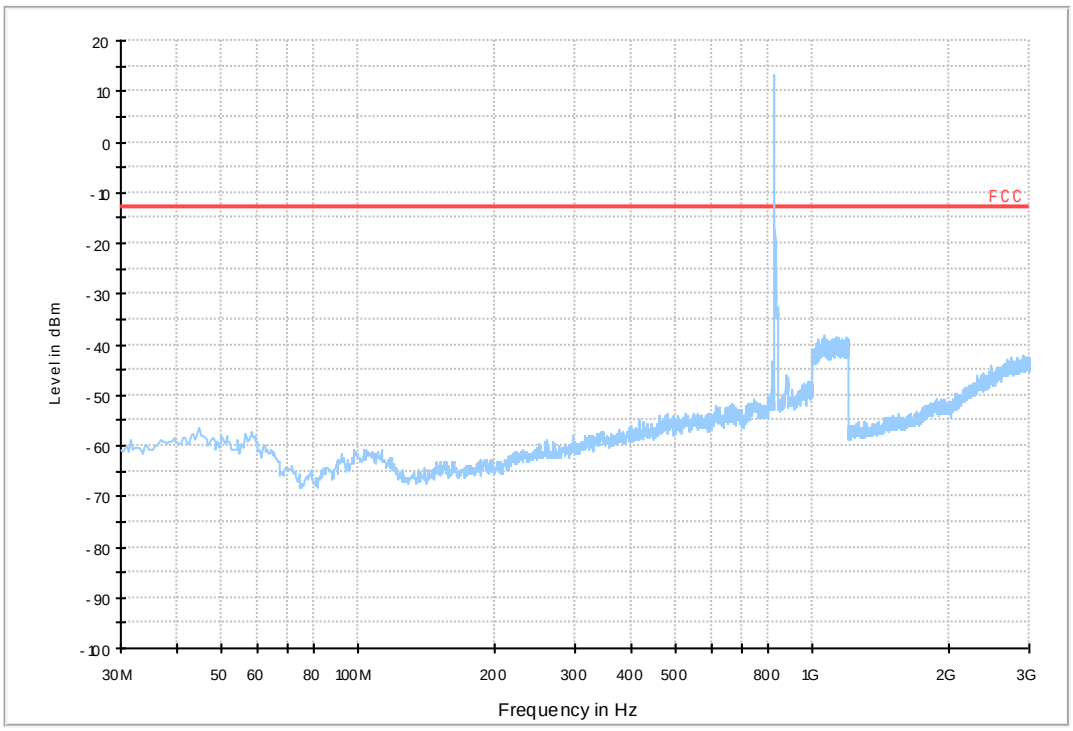
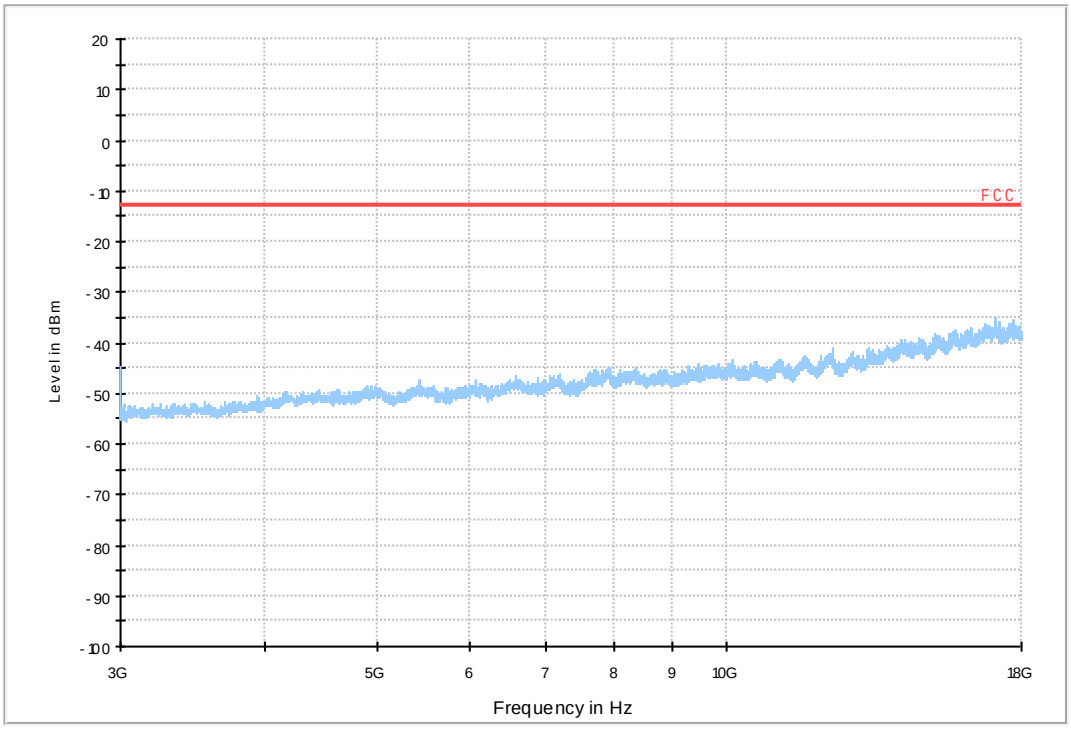
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band26 (824-849 MHz)	LTE/TM1	1.4	LCH	TN	VL	7.00951	0.00850	PASS
					VN	2.47478	0.00300	PASS
					VH	7.23839	0.00878	PASS
			MCH	TN	VL	-10.15663	-0.01214	PASS
					VN	2.86102	0.00342	PASS
					VH	-6.17981	-0.00739	PASS
			HCH	TN	VL	-12.98904	-0.01544	PASS
					VN	5.50747	0.00654	PASS
					VH	1.41621	0.00168	PASS
		3	LCH	TN	VL	-1.37329	-0.00166	PASS
					VN	13.57555	0.01645	PASS
					VH	5.93662	0.00719	PASS
			MCH	TN	VL	1.35899	0.00162	PASS
					VN	-0.38624	-0.00046	PASS
					VH	3.23296	0.00386	PASS
			HCH	TN	VL	3.11851	0.00368	PASS
					VN	-8.49724	-0.01003	PASS
					VH	-9.67026	-0.01141	PASS
		5	LCH	TN	VL	5.90801	0.00715	PASS
					VN	-4.99249	-0.00604	PASS
					VH	0.55790	0.00068	PASS
			MCH	TN	VL	2.67506	0.00320	PASS
					VN	5.70774	0.00682	PASS
					VH	-0.88692	-0.00106	PASS
			HCH	TN	VL	-3.57628	-0.00422	PASS
					VN	4.56333	0.00539	PASS
					VH	-3.53336	-0.00417	PASS
		10	LCH	TN	VL	2.08855	0.00252	PASS
					VN	0.40054	0.00048	PASS
					VH	3.01838	0.00364	PASS
			MCH	TN	VL	4.99249	0.00597	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	-1.44482	-0.00173	PASS
					VH	-0.60081	-0.00072	PASS
			HCH	TN	VL	-1.08719	-0.00129	PASS
					VN	-3.14712	-0.00373	PASS
					VH	-2.27451	-0.00269	PASS
		15	LCH	TN	VL	-24.89090	-0.02993	PASS
					VN	-40.64083	-0.04888	PASS
					VH	-82.25441	-0.09892	PASS
			MCH	TN	VL	-40.34042	-0.04823	PASS
					VN	-64.81647	-0.07749	PASS
					VH	-22.94540	-0.02743	PASS
			HCH	TN	VL	-17.86709	-0.02123	PASS
					VN	-11.87325	-0.01411	PASS
					VH	1.24455	0.00148	PASS
	LTE/TM2	1.4	LCH	TN	VL	-5.30720	-0.00644	PASS
					VN	-1.00136	-0.00121	PASS
					VH	-3.91960	-0.00475	PASS
			MCH	TN	VL	8.52585	0.01019	PASS
					VN	-4.66347	-0.00557	PASS
					VH	-21.52920	-0.02574	PASS
			HCH	TN	VL	3.11851	0.00368	PASS
					VN	-8.49724	-0.01003	PASS
					VH	-9.67026	-0.01141	PASS
		3	LCH	TN	VL	1.01566	0.00123	PASS
					VN	2.90394	0.00352	PASS
					VH	-2.93255	-0.00355	PASS
			MCH	TN	VL	-0.90122	-0.00108	PASS
					VN	3.63350	0.00434	PASS
					VH	1.01566	0.00121	PASS
			HCH	TN	VL	-5.19276	-0.00613	PASS
					VN	-2.63214	-0.00311	PASS
					VH	0.77248	0.00091	PASS
		5	LCH	TN	VL	-6.99520	-0.00846	PASS
					VN	8.94070	0.01082	PASS
					VH	-3.64780	-0.00441	PASS
			MCH	TN	VL	2.80380	0.00335	PASS
					VN	7.05242	0.00843	PASS
					VH	0.38624	0.00046	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VL	0.48637	0.00057	PASS
					VN	2.14577	0.00253	PASS
					VH	3.83377	0.00453	PASS
		10	LCH	TN	VL	0.14305	0.00017	PASS
					VN	1.04427	0.00126	PASS
					VH	0.50068	0.00060	PASS
			MCH	TN	VL	-0.04292	-0.00005	PASS
					VN	-2.18868	-0.00262	PASS
					VH	-0.34332	-0.00041	PASS
			HCH	TN	VL	-1.94550	-0.00231	PASS
					VN	-2.64645	-0.00314	PASS
					VH	-4.01974	-0.00476	PASS
		15	LCH	TN	VL	0.51498	0.00062	PASS
					VN	-21.30032	-0.02562	PASS
					VH	-49.59583	-0.05965	PASS
			MCH	TN	VL	-19.88411	-0.02377	PASS
					VN	-50.36831	-0.06021	PASS
					VH	-9.97067	-0.01192	PASS
			HCH	TN	VL	-12.98904	-0.01544	PASS
					VN	5.50747	0.00654	PASS
					VH	1.41621	0.00168	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
Band26 (824-849 MHz)	LTE/TM1	1.4	LCH	VN	-30	-1.47343	-0.00179	PASS
					-20	4.39167	0.00533	PASS
					-10	7.76768	0.00942	PASS
					0	2.90394	0.00352	PASS
					10	-11.65867	-0.01414	PASS
					20	2.47478	0.00300	PASS
					30	-0.54359	-0.00066	PASS
					40	10.94341	0.01327	PASS
					50	-0.94414	-0.00114	PASS
			MCH	VN	-30	-7.71046	-0.00922	PASS
					-20	10.48565	0.01254	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	-4.19140	-0.00501	PASS
					0	6.19412	0.00740	PASS
					10	-27.17972	-0.03249	PASS
					20	2.86102	0.00342	PASS
					30	0.84400	0.00101	PASS
					40	-11.55853	-0.01382	PASS
					50	-3.16143	-0.00378	PASS
			HCH	VN	-30	5.59330	0.00661	PASS
					-20	-3.66211	-0.00433	PASS
					-10	4.56333	0.00539	PASS
					0	3.21865	0.00380	PASS
					10	-0.04292	-0.00005	PASS
					20	3.11851	0.00368	PASS
					30	-8.49724	-0.01003	PASS
					40	-9.67026	-0.01141	PASS
					50	-8.36849	-0.00987	PASS
		3	LCH	VN	-30	4.19140	0.00508	PASS
					-20	0.07153	0.00009	PASS
					-10	-6.42300	-0.00778	PASS
					0	-8.69751	-0.01054	PASS
					10	13.76152	0.01667	PASS
					20	13.57555	0.01645	PASS
					30	-2.33173	-0.00282	PASS
					40	0.60081	0.00073	PASS
					50	6.62327	0.00802	PASS
			MCH	VN	-30	-5.43594	-0.00650	PASS
					-20	-1.23024	-0.00147	PASS
					-10	1.37329	0.00164	PASS
					0	2.58923	0.00310	PASS
					10	6.06537	0.00725	PASS
					20	-0.38624	-0.00046	PASS
					30	-7.43866	-0.00889	PASS
					40	-8.41141	-0.01006	PASS
					50	-8.42571	-0.01007	PASS
			HCH	VN	-30	-4.49181	-0.00530	PASS
					-20	0.88692	0.00105	PASS
					-10	-0.65804	-0.00078	PASS
					0	6.93798	0.00819	PASS
					10	1.91688	0.00226	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	-8.49724	-0.01003	PASS
					30	-0.42915	-0.00051	PASS
					40	0.48637	0.00057	PASS
					50	1.77383	0.00209	PASS
		5	LCH	VN	-30	-7.45296	-0.00902	PASS
					-20	5.20706	0.00630	PASS
					-10	-5.12123	-0.00620	PASS
					0	1.04427	0.00126	PASS
					10	1.25885	0.00152	PASS
					20	-4.99249	-0.00604	PASS
					30	0.92983	0.00113	PASS
					40	-5.47886	-0.00663	PASS
					50	11.44409	0.01385	PASS
			MCH	VN	-30	-3.89099	-0.00465	PASS
					-20	-0.35763	-0.00043	PASS
					-10	-15.76424	-0.01885	PASS
					0	-4.49181	-0.00537	PASS
					10	3.54767	0.00424	PASS
					20	5.70774	0.00682	PASS
					30	1.65939	0.00198	PASS
					40	-0.08583	-0.00010	PASS
					50	1.05858	0.00127	PASS
			HCH	VN	-30	2.84672	0.00336	PASS
					-20	9.98497	0.01180	PASS
					-10	-0.18597	-0.00022	PASS
					0	5.59330	0.00661	PASS
					10	-3.66211	-0.00433	PASS
					20	4.56333	0.00539	PASS
					30	3.21865	0.00380	PASS
					40	-6.22272	-0.00735	PASS
					50	-0.08583	-0.00010	PASS
		10	LCH	VN	-30	1.51634	0.00183	PASS
					-20	8.96931	0.01082	PASS
					-10	2.68936	0.00324	PASS
					0	-1.02997	-0.00124	PASS
					10	-0.51498	-0.00062	PASS
					20	0.40054	0.00048	PASS
					30	-1.75953	-0.00212	PASS
					40	0.01431	0.00002	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	1.78814	0.00216	PASS
			MCH	VN	-30	-0.12875	-0.00015	PASS
					-20	-0.34332	-0.00041	PASS
					-10	-7.65324	-0.00915	PASS
					0	3.33309	0.00398	PASS
					10	-0.82970	-0.00099	PASS
					20	-1.44482	-0.00173	PASS
					30	4.44889	0.00532	PASS
					40	-0.74387	-0.00089	PASS
					50	0.17166	0.00021	PASS
			HCH	VN	-30	-1.55926	-0.00185	PASS
					-20	-3.93391	-0.00466	PASS
					-10	9.72748	0.01153	PASS
					0	-0.38624	-0.00046	PASS
					10	-7.23839	-0.00858	PASS
					20	-3.14712	-0.00373	PASS
					30	-1.13010	-0.00134	PASS
					40	4.40597	0.00522	PASS
					50	-5.07832	-0.00602	PASS
		15	LCH	VN	-30	85.71625	0.10309	PASS
					-20	-77.07596	-0.09270	PASS
					-10	18.01014	0.02166	PASS
					0	-86.44581	-0.10396	PASS
					10	-154.52380	-0.18584	PASS
					20	-40.64083	-0.04888	PASS
					30	-101.70940	-0.12232	PASS
					40	63.90095	0.07685	PASS
					50	-45.67623	-0.05493	PASS
			MCH	VN	-30	-35.83431	-0.04284	PASS
					-20	51.44119	0.06150	PASS
					-10	-0.04292	-0.00005	PASS
					0	2.96116	0.00354	PASS
					10	-2.73228	-0.00327	PASS
					20	-64.81647	-0.07749	PASS
					30	7.42436	0.00888	PASS
					40	-12.66003	-0.01513	PASS
					50	13.90457	0.01662	PASS
			HCH	VN	-30	-16.62254	-0.01975	PASS
					-20	-10.27107	-0.01221	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	-24.63341	-0.02927	PASS
					0	-5.23567	-0.00622	PASS
					10	-37.99438	-0.04515	PASS
					20	-11.87325	-0.01411	PASS
					30	13.07487	0.01554	PASS
					40	-16.76559	-0.01992	PASS
					50	-18.75401	-0.02229	PASS
	LTE/TM2	1.4	LCH	VN	-30	8.59737	0.01042	PASS
					-20	-16.09325	-0.01951	PASS
					-10	1.61648	0.00196	PASS
					0	-2.04563	-0.00248	PASS
					10	-5.37872	-0.00652	PASS
					20	-1.00136	-0.00121	PASS
					30	5.16415	0.00626	PASS
					40	5.70774	0.00692	PASS
					50	-2.16007	-0.00262	PASS
			MCH	VN	-30	7.82490	0.00935	PASS
					-20	-3.59058	-0.00429	PASS
					-10	-5.99384	-0.00717	PASS
					0	-13.08918	-0.01565	PASS
					10	-2.40326	-0.00287	PASS
					20	-4.66347	-0.00557	PASS
					30	9.97067	0.01192	PASS
					40	9.97067	0.01192	PASS
					50	-14.07623	-0.01683	PASS
			HCH	VN	-30	3.47614	0.00412	PASS
					-20	-2.40326	-0.00285	PASS
					-10	-2.64645	-0.00314	PASS
					0	-1.73092	-0.00205	PASS
					10	-5.24998	-0.00635	PASS
					20	7.03812	0.00852	PASS
					30	8.94070	0.01082	PASS
					40	-1.37329	-0.00166	PASS
					50	-4.64916	-0.00548	PASS
		3	LCH	VN	-30	2.77519	0.00336	PASS
					-20	-4.63486	-0.00561	PASS
					-10	-0.58651	-0.00071	PASS
					0	-1.73092	-0.00210	PASS
					10	5.03540	0.00610	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	2.90394	0.00352	PASS
					30	-1.58787	-0.00192	PASS
					40	-10.90050	-0.01320	PASS
					50	-9.88483	-0.01197	PASS
			MCH	VN	-30	4.76360	0.00569	PASS
					-20	-2.70367	-0.00323	PASS
					-10	-2.43187	-0.00291	PASS
					0	3.56197	0.00426	PASS
					10	13.17501	0.01575	PASS
					20	3.63350	0.00434	PASS
					30	-7.79629	-0.00932	PASS
					40	-4.03404	-0.00482	PASS
					50	0.67234	0.00080	PASS
			HCH	VN	-30	3.64780	0.00430	PASS
					-20	-3.46184	-0.00408	PASS
					-10	0.80109	0.00095	PASS
					0	-0.07153	-0.00008	PASS
					10	3.03268	0.00358	PASS
					20	-2.63214	-0.00311	PASS
					30	9.08375	0.01072	PASS
					40	-13.91888	-0.01642	PASS
					50	0.92983	0.00110	PASS
		5	LCH	VN	-30	-6.53744	-0.00791	PASS
					-20	-21.55781	-0.02608	PASS
					-10	-2.30312	-0.00279	PASS
					0	-5.24998	-0.00635	PASS
					10	7.03812	0.00852	PASS
					20	8.94070	0.01082	PASS
					30	-1.37329	-0.00166	PASS
					40	2.93255	0.00355	PASS
					50	-9.42707	-0.01141	PASS
			MCH	VN	-30	5.20706	0.00622	PASS
					-20	-7.61032	-0.00910	PASS
					-10	-7.48158	-0.00894	PASS
					0	0.85831	0.00103	PASS
					10	-1.70231	-0.00204	PASS
					20	7.05242	0.00843	PASS
					30	0.44346	0.00053	PASS
					40	1.54495	0.00185	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	-3.08990	-0.00369	PASS
			HCH	VN	-30	2.47478	0.00292	PASS
					-20	6.79493	0.00803	PASS
					-10	-0.74387	-0.00088	PASS
					0	3.97682	0.00470	PASS
					10	2.94685	0.00348	PASS
					20	2.14577	0.00253	PASS
					30	-0.77248	-0.00091	PASS
					40	4.17709	0.00493	PASS
					50	1.23024	0.00145	PASS
		10	LCH	VN	-30	0.15736	0.00019	PASS
					-20	4.07696	0.00492	PASS
					-10	-0.95844	-0.00116	PASS
					0	0.15736	0.00019	PASS
					10	1.65939	0.00200	PASS
					20	1.04427	0.00126	PASS
					30	0.22888	0.00028	PASS
					40	0.40054	0.00048	PASS
					50	-0.02861	-0.00003	PASS
			MCH	VN	-30	-0.18597	-0.00022	PASS
					-20	-1.01566	-0.00121	PASS
					-10	-4.83513	-0.00578	PASS
					0	0.41485	0.00050	PASS
					10	-1.73092	-0.00207	PASS
					20	-2.18868	-0.00262	PASS
					30	-2.07424	-0.00248	PASS
					40	0.60081	0.00072	PASS
					50	1.85966	0.00222	PASS
			HCH	VN	-30	-4.34875	-0.00515	PASS
					-20	6.78062	0.00803	PASS
					-10	-1.91688	-0.00227	PASS
					0	3.47614	0.00412	PASS
					10	-2.40326	-0.00285	PASS
					20	-2.64645	-0.00314	PASS
					30	-1.73092	-0.00205	PASS
					40	0.38624	0.00046	PASS
					50	-3.26157	-0.00386	PASS
		15	LCH	VN	-30	-82.45468	-0.09916	PASS
					-20	-19.99855	-0.02405	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	-4.52042	-0.00544	PASS
					0	3.04699	0.00366	PASS
					10	-59.22318	-0.07122	PASS
					20	-21.30032	-0.02562	PASS
					30	64.95953	0.07812	PASS
					40	65.13119	0.07833	PASS
					50	34.07478	0.04098	PASS
			MCH	VN	-30	-2.67506	-0.00320	PASS
					-20	43.84518	43.84518	PASS
					-10	-15.53535	-0.01857	PASS
					0	-3.14712	-0.00376	PASS
					10	2.84672	0.00340	PASS
					20	-50.36831	-0.06021	PASS
					30	4.94957	0.00592	PASS
					40	-26.39294	-0.03155	PASS
					50	12.00199	0.01435	PASS
			HCH	VN	-30	-1.57356	-0.00187	PASS
					-20	-8.42571	-0.01001	PASS
					-10	-16.89434	-0.02008	PASS
					0	-16.33644	-0.01941	PASS
					10	-5.50747	-0.00654	PASS
					20	5.50747	0.00654	PASS
					30	-11.68728	-0.01389	PASS
					40	2.34604	0.00279	PASS
					50	-7.35283	-0.00874	PASS

END

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