



# Appendix for test report



## 1 Appendix\_A: Effective (Isotropic) Radiated Power Output Data

### Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dBm]	ERP/EIRP[dBm]	Limit [dBm]	Verdict
GSM850	GSM/TM1	LCH	33.32	32.52	38.5	PASS
		MCH	33.42	32.62	38.5	PASS
		HCH	33.42	32.62	38.5	PASS
	GSM/TM2	LCH	26.90	26.1	38.5	PASS
		MCH	26.92	26.12	38.5	PASS
		HCH	26.94	26.14	38.5	PASS
GSM1900	GSM/TM1	LCH	30.79	32.59	33	PASS
		MCH	30.58	32.38	33	PASS
		HCH	30.50	32.3	33	PASS
	GSM/TM2	LCH	26.73	28.53	33	PASS
		MCH	26.77	28.57	33	PASS
		HCH	26.78	28.58	33	PASS



Test Band	Test Mode	Test Channel	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
WCDMA850	UMTS/TM1	LCH	23.86	23.06	38.5	PASS
		MCH	23.73	22.93	38.5	PASS
		HCH	23.77	22.97	38.5	PASS
WCDMA1900	UMTS/TM1	LCH	23.92	25.72	33	PASS
		MCH	23.89	25.69	33	PASS
		HCH	23.98	25.78	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2:

$$\text{SET Span} = 1.5 * \text{OBW}$$

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed } 1\text{MHz}$$

$$\text{SET VBW} \geq 3 * \text{RBW}$$

SET Sweep time=auto-couple.

Detector:RMS

## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM1900	GSM/TM1	LCH	0.24	13	PASS
		MCH	0.21	13	PASS
		HCH	0.19	13	PASS
	GSM/TM2	LCH	2.92	13	PASS
		MCH	2.97	13	PASS
		HCH	2.88	13	PASS

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM1	LCH	2.9	13	PASS
		MCH	3.22	13	PASS
		HCH	3	13	PASS

### 3Appendix\_C: Modulation Characteristics

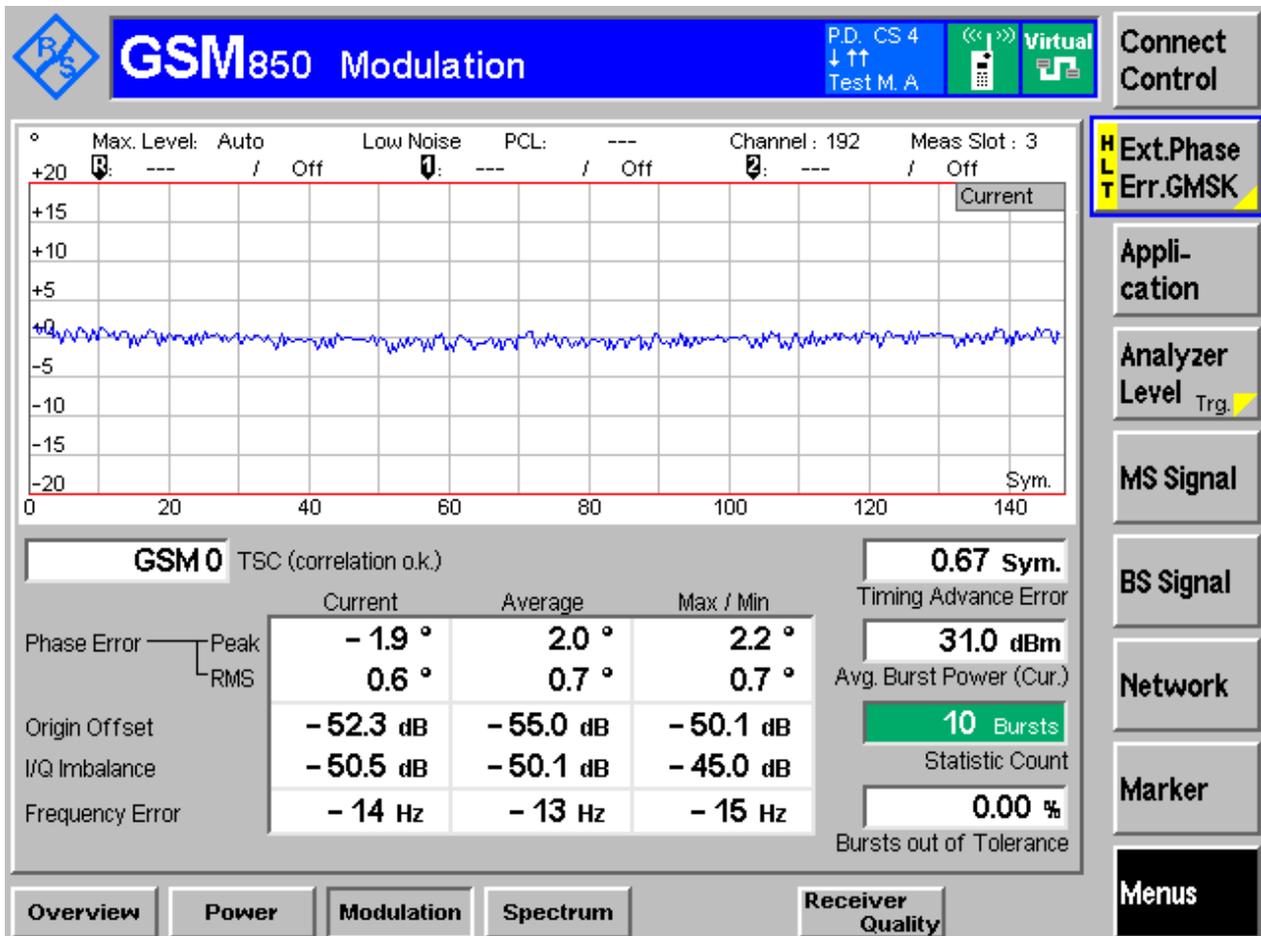
#### Part I - Test Plots

#### 3.1 For GSM

#### 3.1.1 Test Band = GSM850

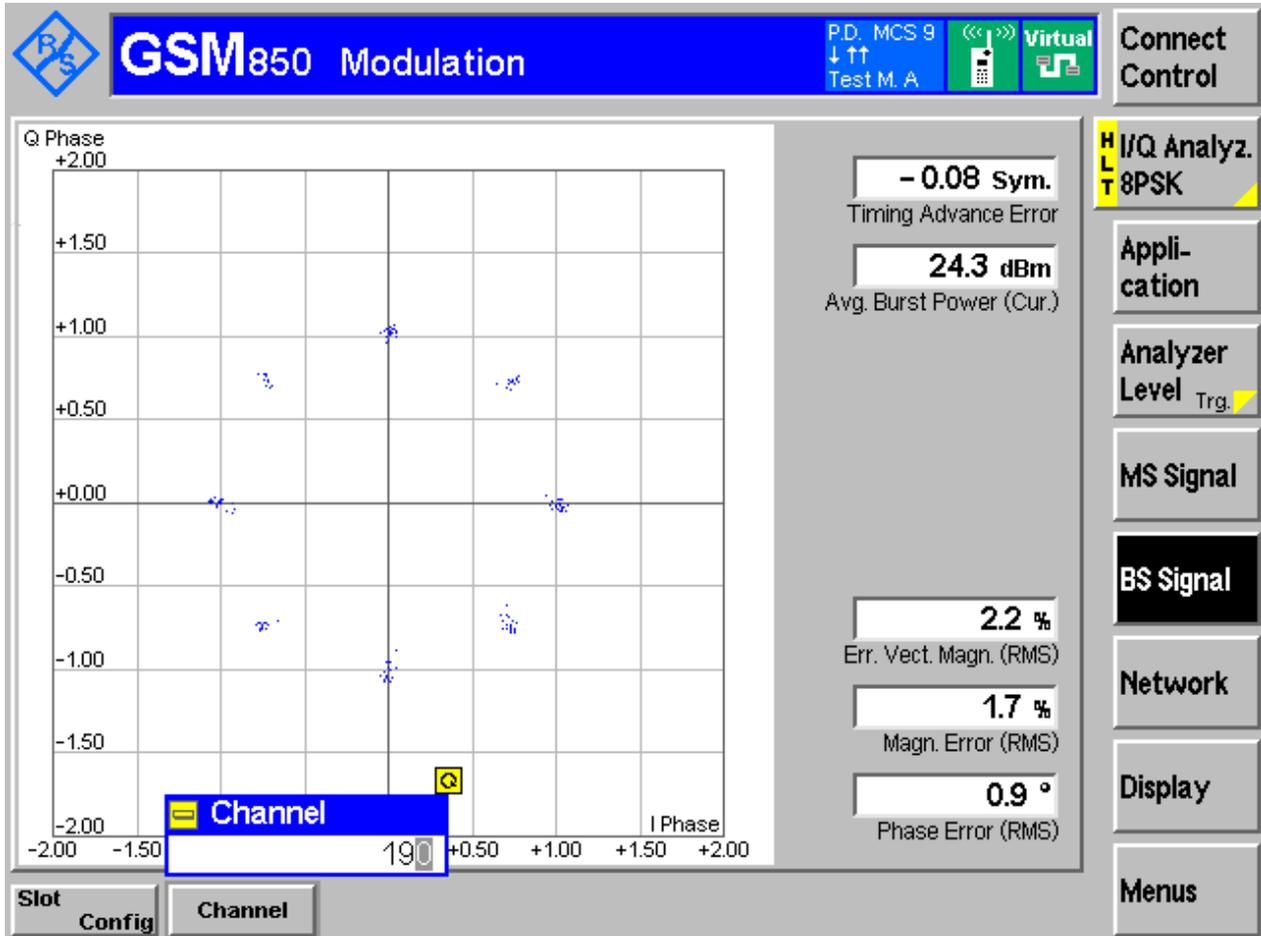
#### 3.1.1.1 Test Mode = GSM/TM1

#### 3.1.1.1.1 Test Channel = MCH



### 3.1.1.2 Test Mode = GSM/TM2

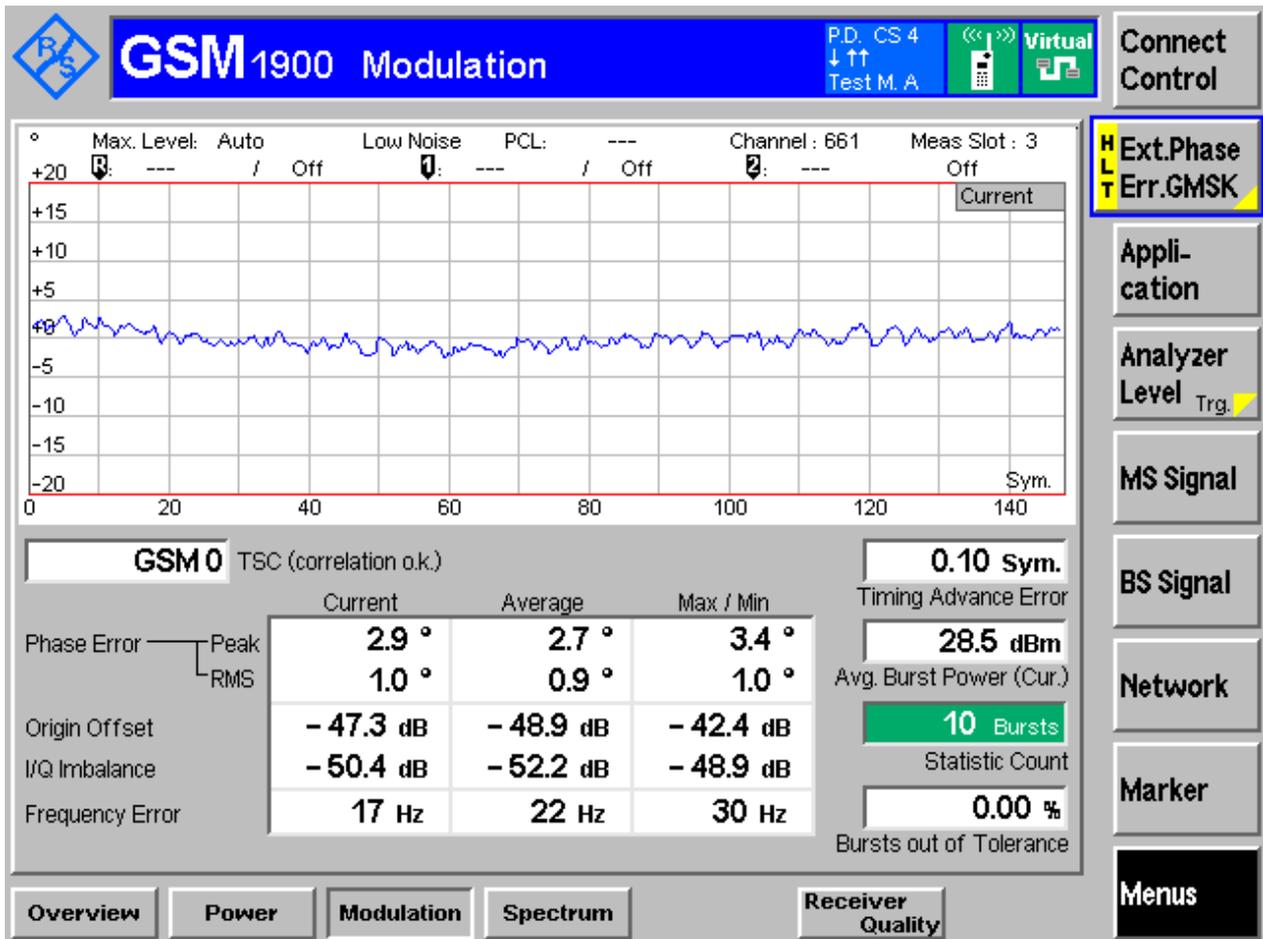
#### 3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

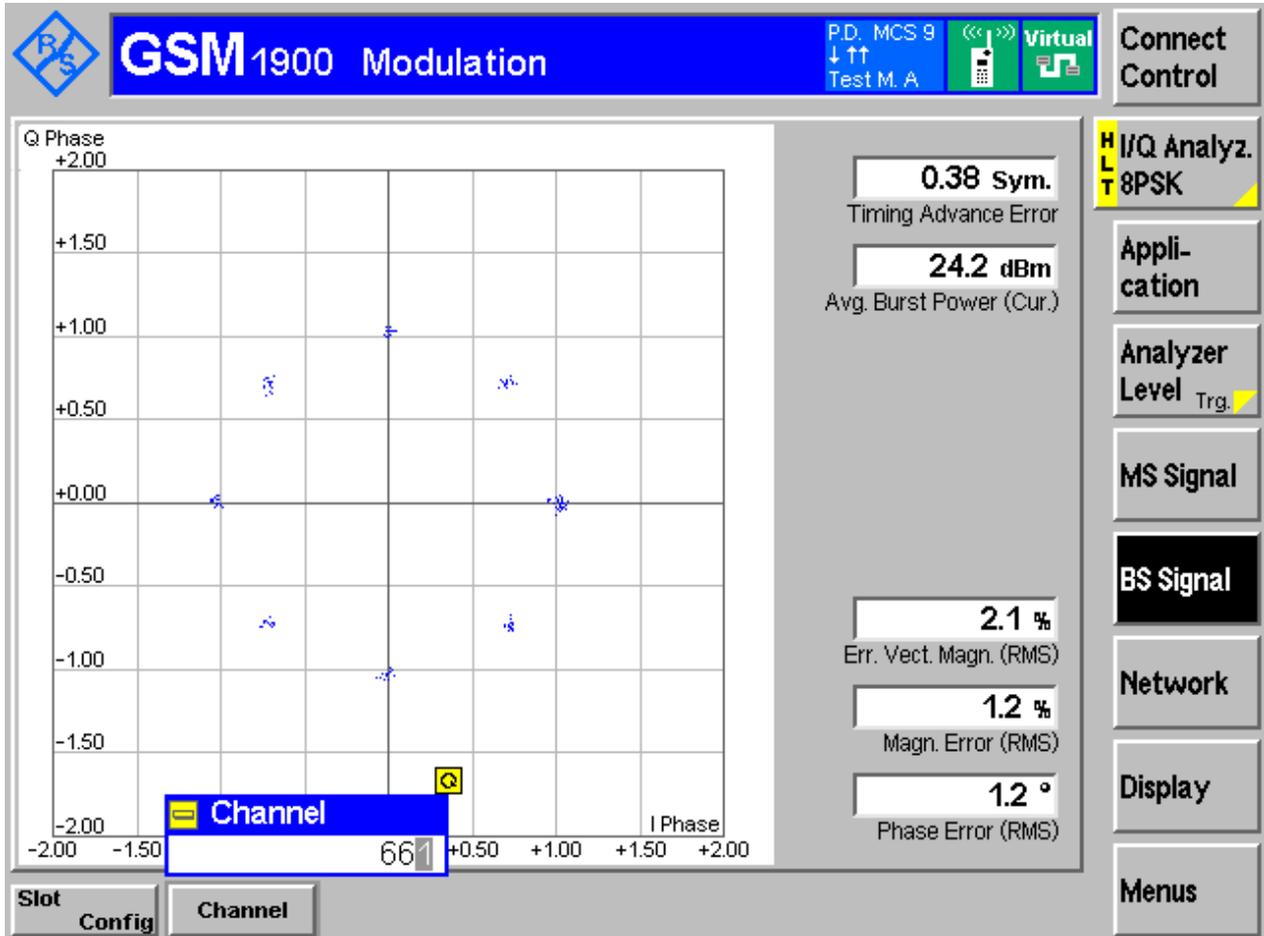
3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH



### 3.1.2.2 Test Mode = GSM/TM2

#### 3.1.2.2.1 Test Channel = MCH

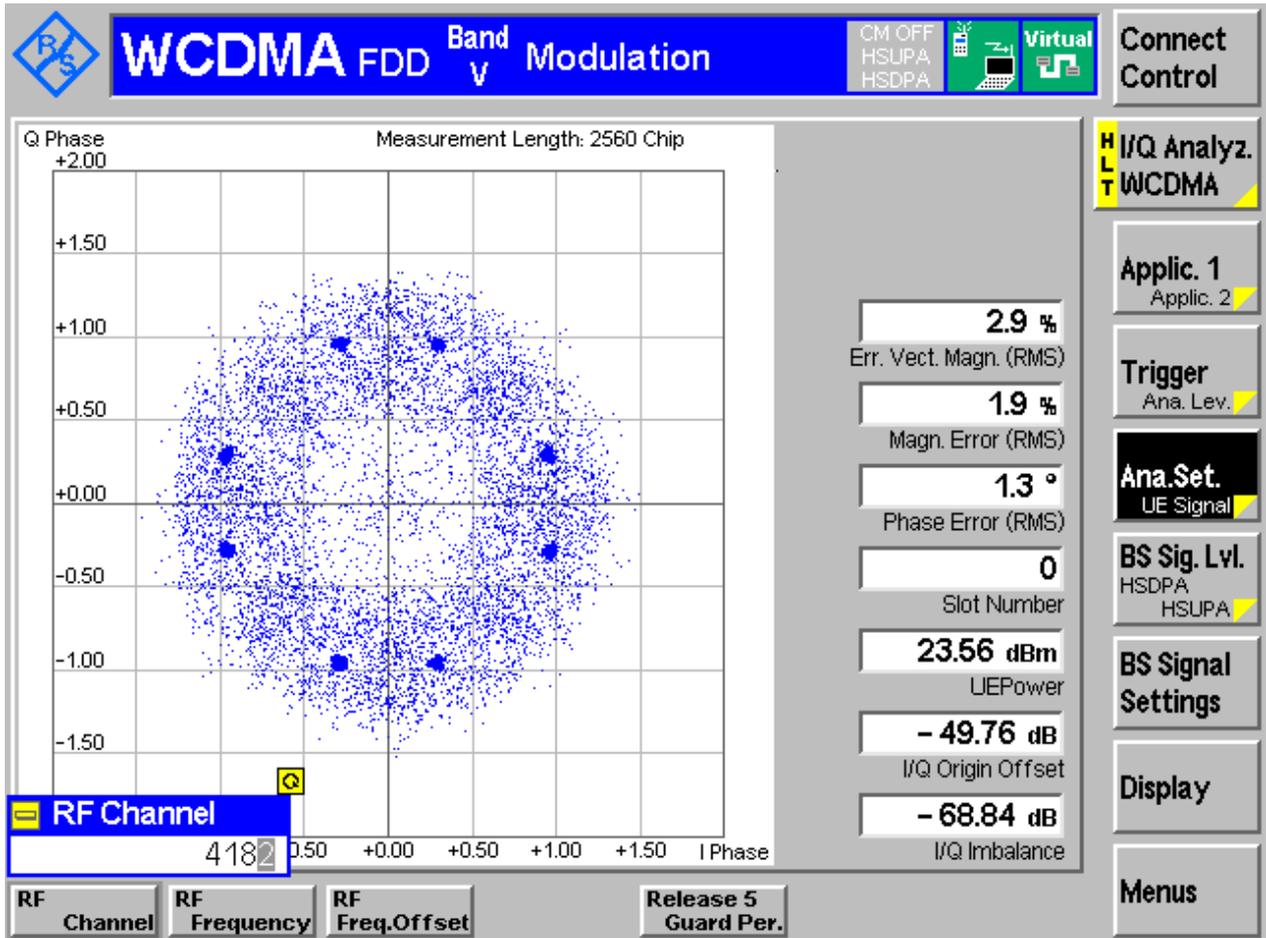


### 3.2 For UMTS

#### 3.2.1 Test Band = WCDMA850

##### 3.2.1.1 Test Mode = UMTS/TM1

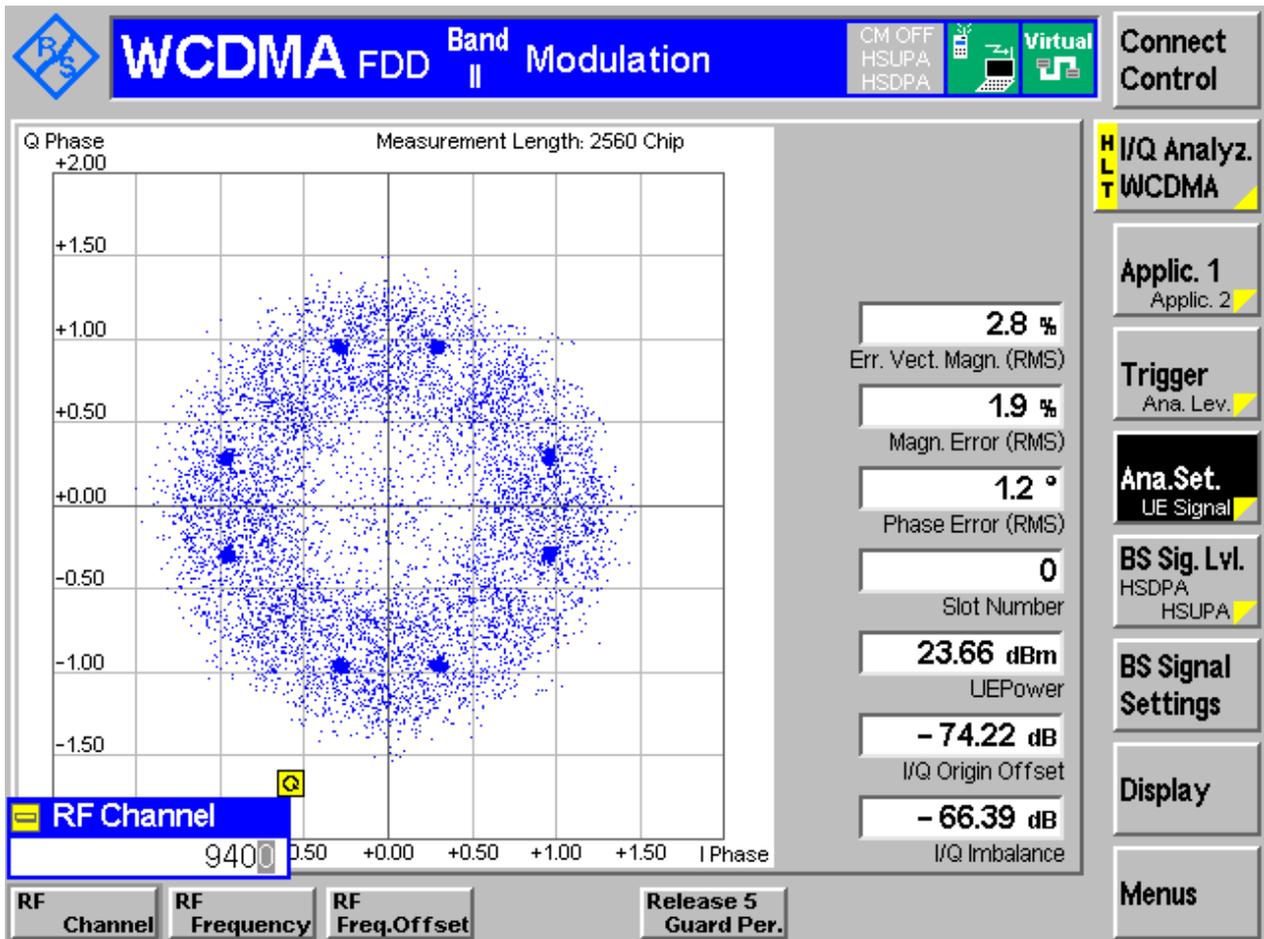
##### 3.2.1.1.1 Test Channel = MCH



### 3.2.2 Test Band = WCDMA1900

#### 3.2.2.1 Test Mode = UMTS/TM1

##### 3.2.2.1.1 Test Channel = MCH



## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	245.42	320.08	Pass
		MCH	248.34	314.78	Pass
		HCH	242.84	308.22	Pass
	GSM/TM2	LCH	250.94	319.34	Pass
		MCH	251.34	322.24	Pass
		HCH	250.76	322.76	Pass
GSM1900	GSM/TM1	LCH	240.05	308.22	Pass
		MCH	243.79	314.51	Pass
		HCH	245.18	315.51	Pass
	GSM/TM2	LCH	254.31	322.28	Pass
		MCH	251.73	316.72	Pass
		HCH	251.56	311.20	Pass

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA1900	UMTS/TM1	LCH	4.14	4.72	Pass
		MCH	4.14	4.71	Pass
		HCH	4.14	4.72	Pass
WCDMA850	UMTS/TM1	LCH	4.15	4.72	Pass
		MCH	4.15	4.70	Pass
		HCH	4.14	4.70	Pass



Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

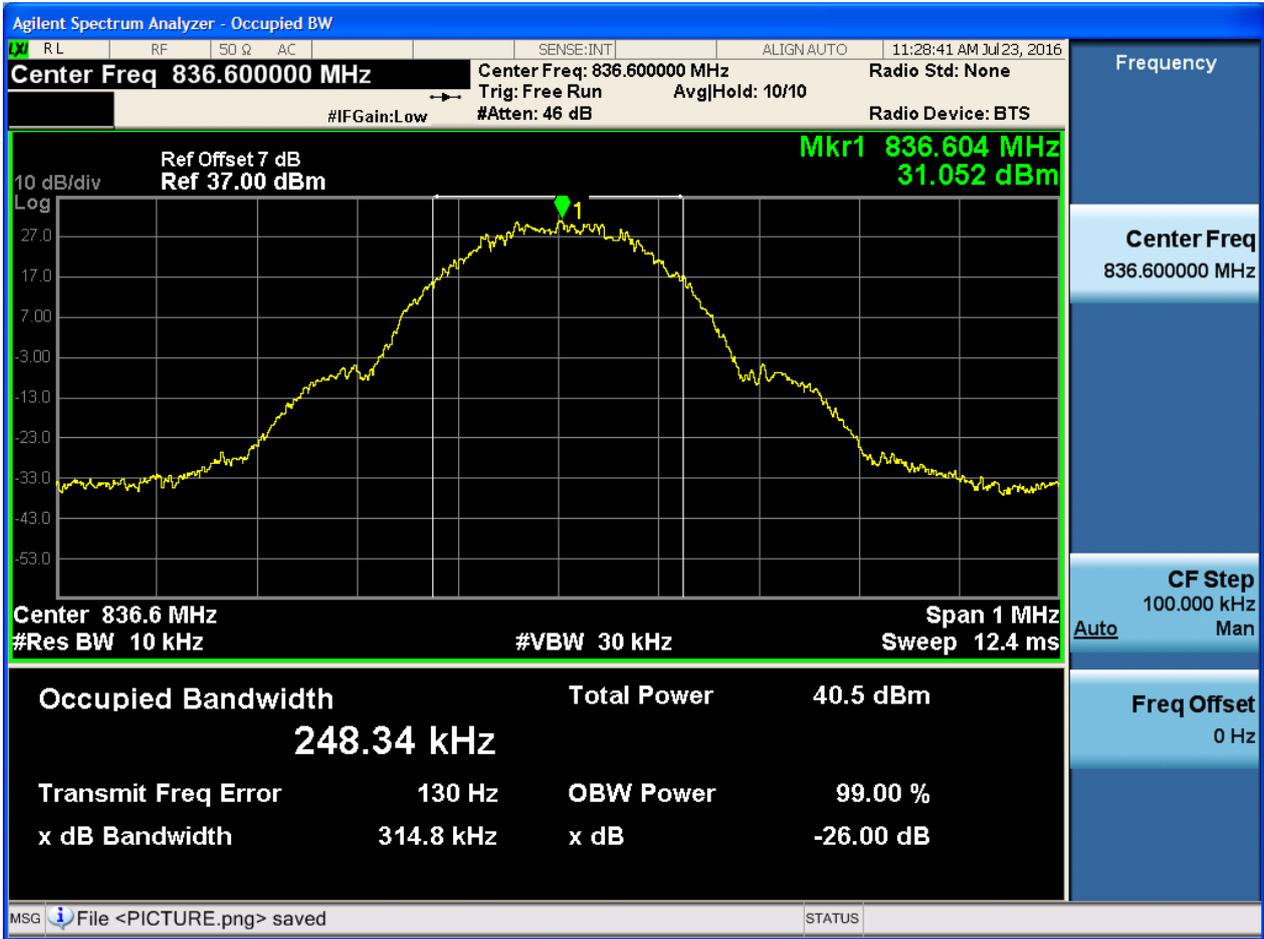
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH





### 4.1.1.1.2 Test Channel = MCH





4.1.1.1.3 Test Channel = HCH



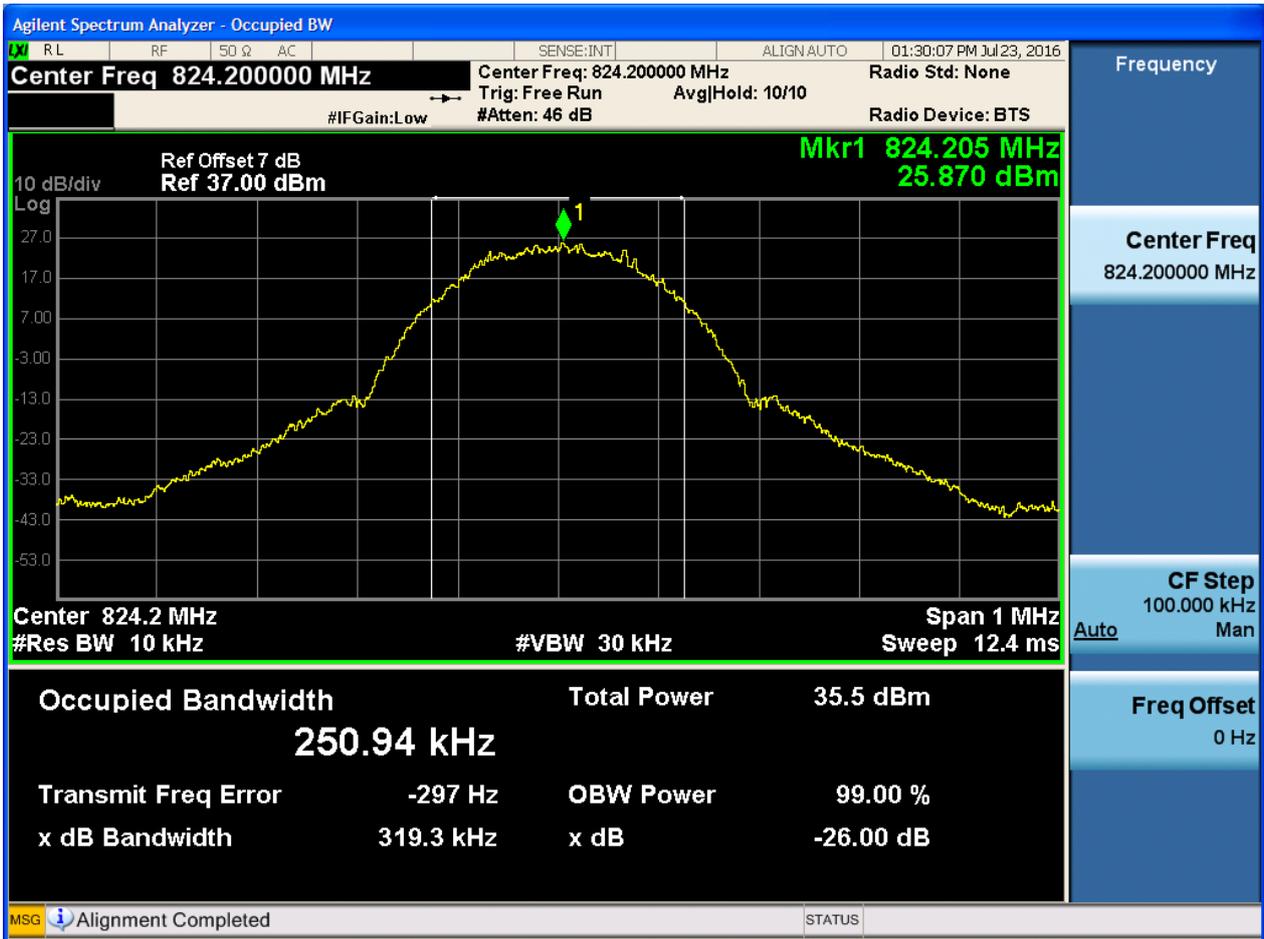


4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel =

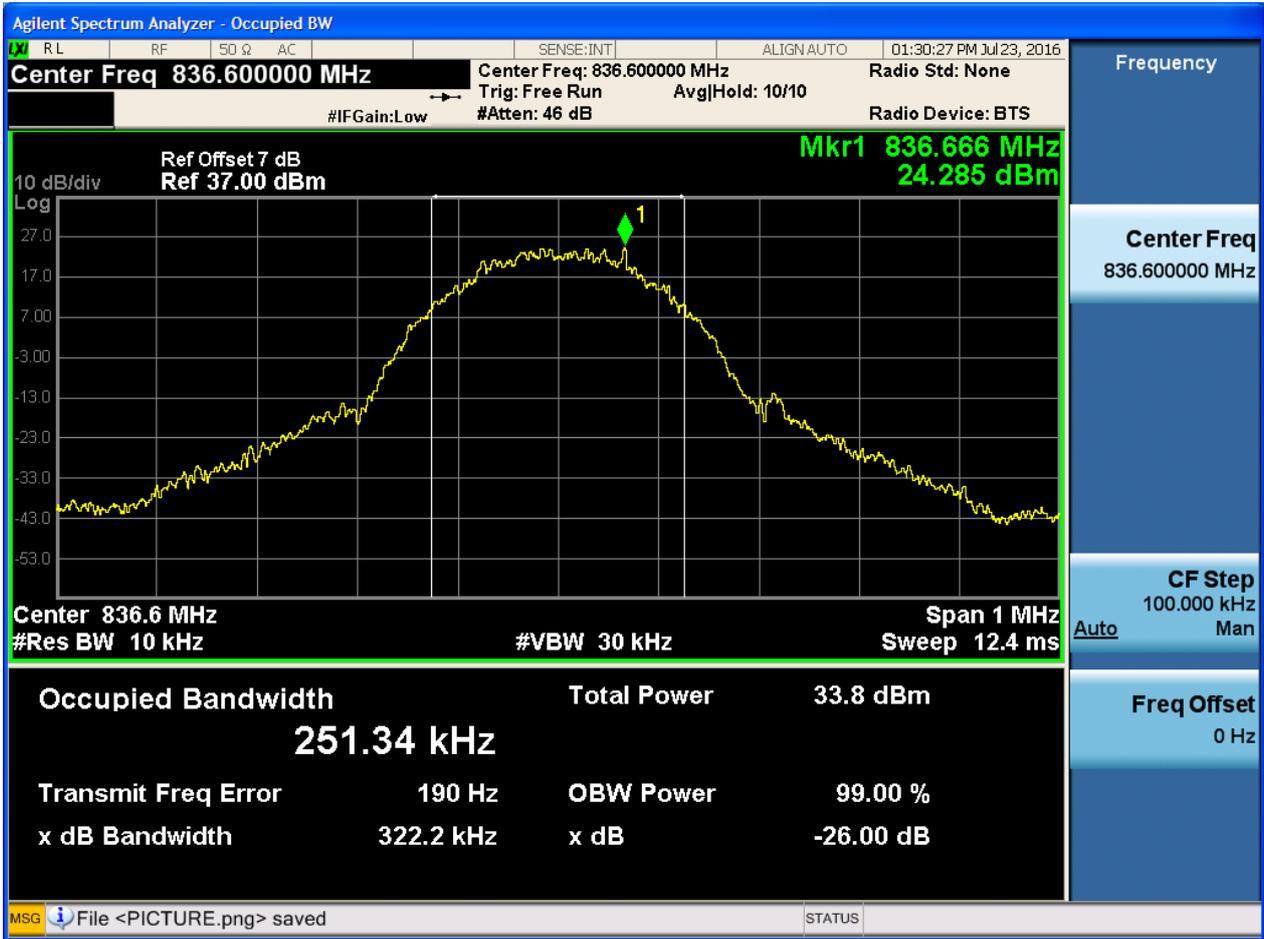
4.1.1.3 Test Mode = GSM/TM2

4.1.1.3.1 Test Channel = LCH





4.1.1.3.2 Test Channel = MCH





4.1.1.3.3 Test Channel = HCH





4.1.2 Test Band = GSM1900

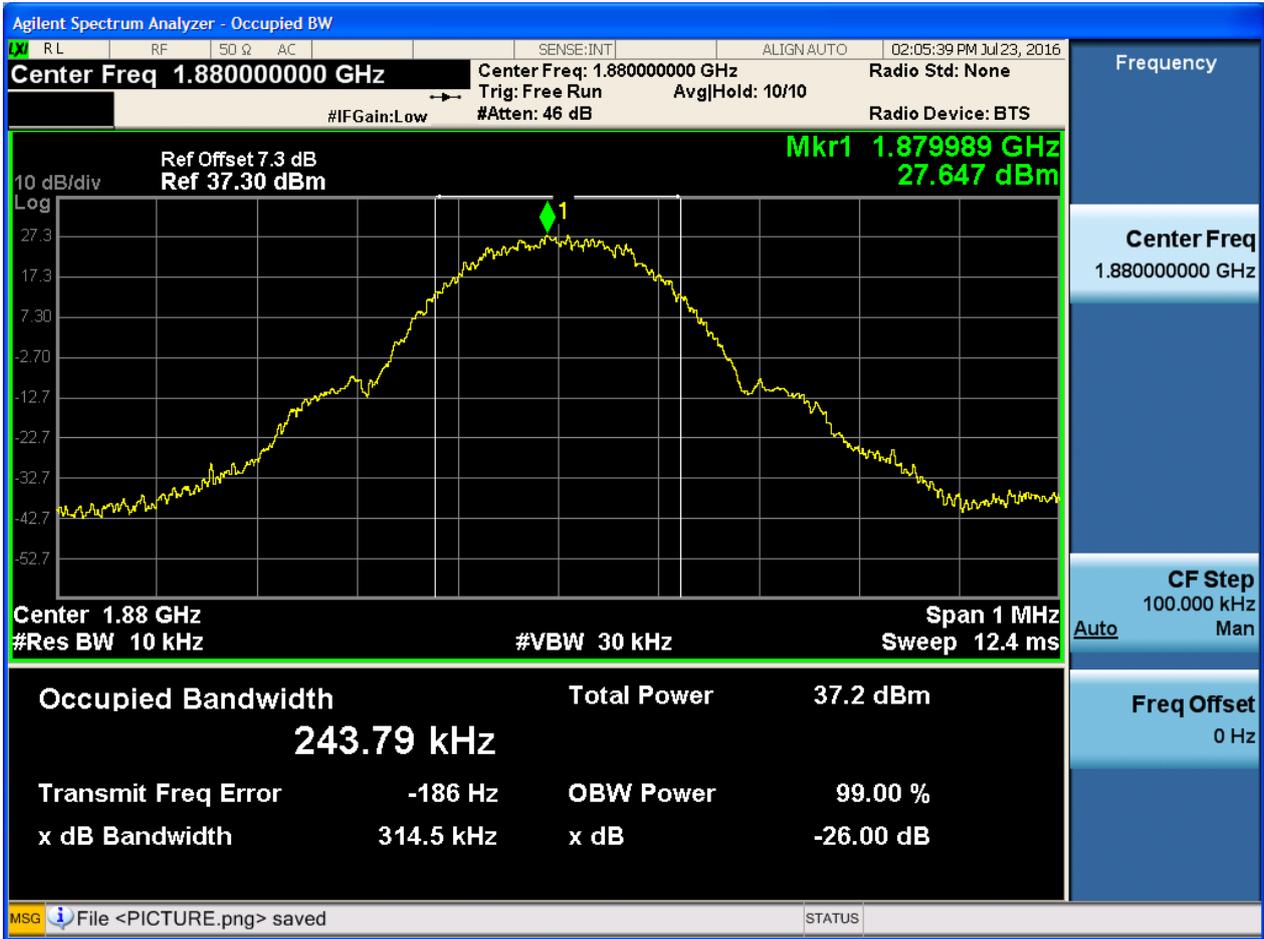
4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



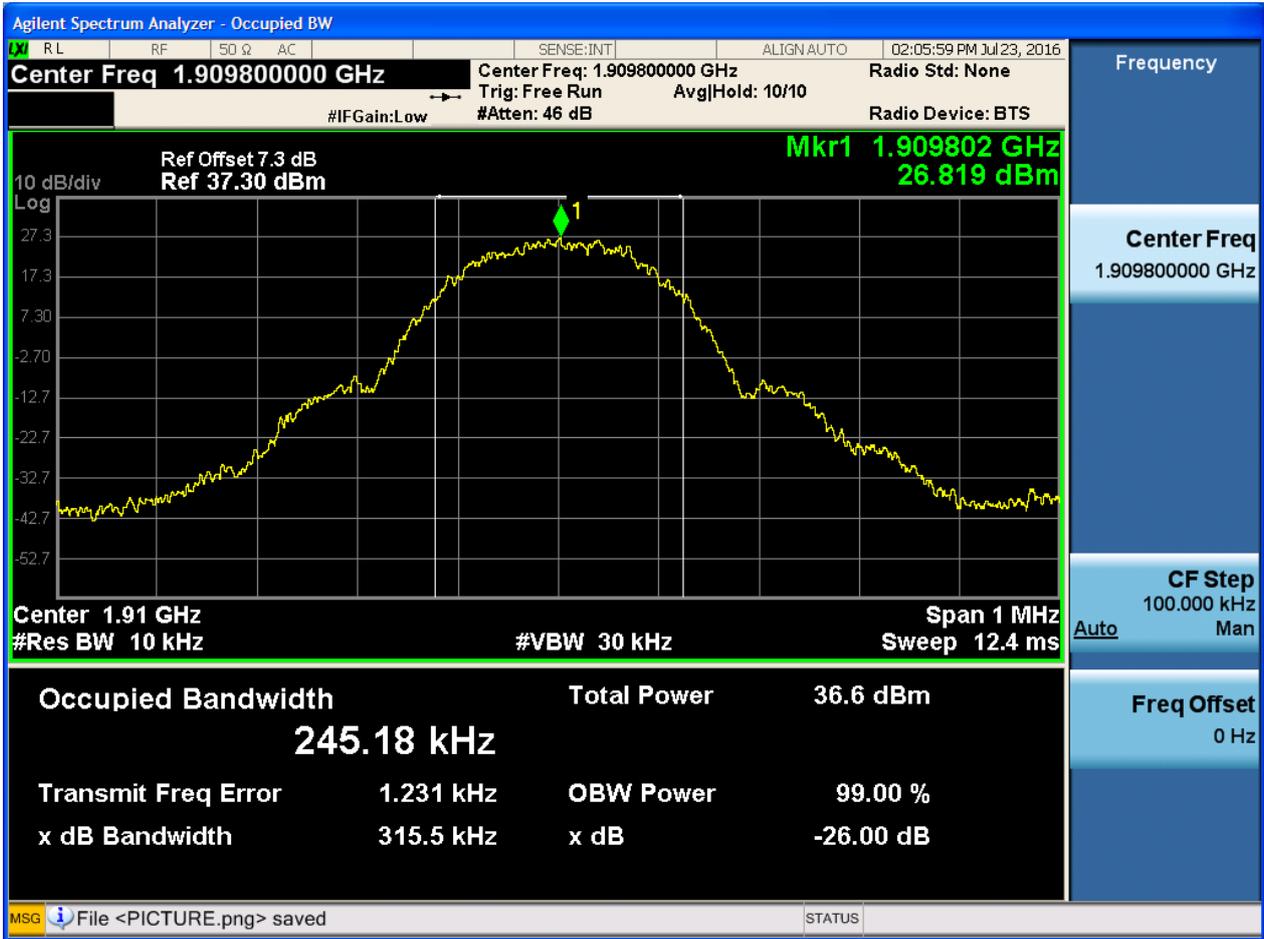


4.1.2.1.2 Test Channel = MCH





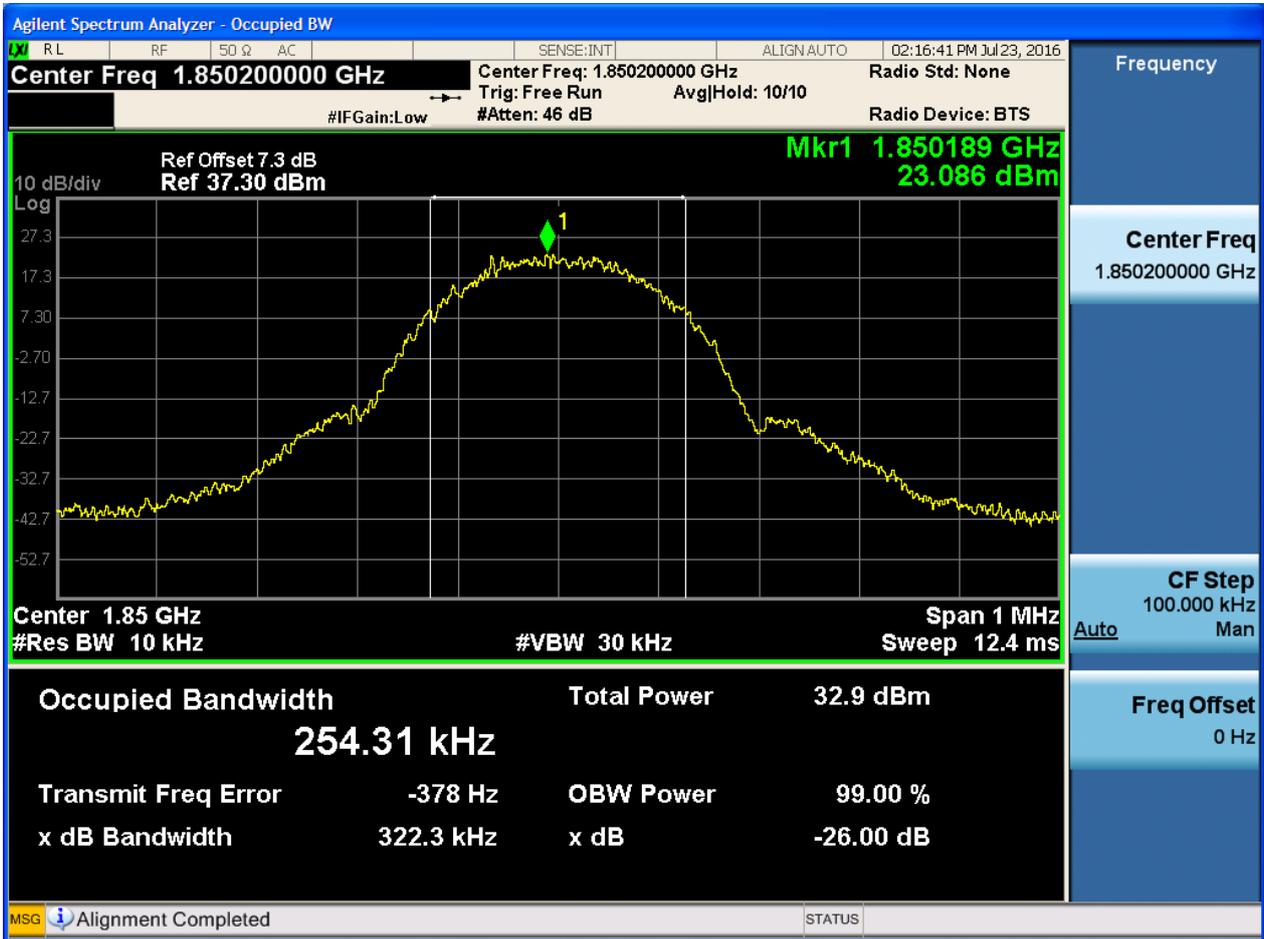
4.1.2.1.3 Test Channel = HCH





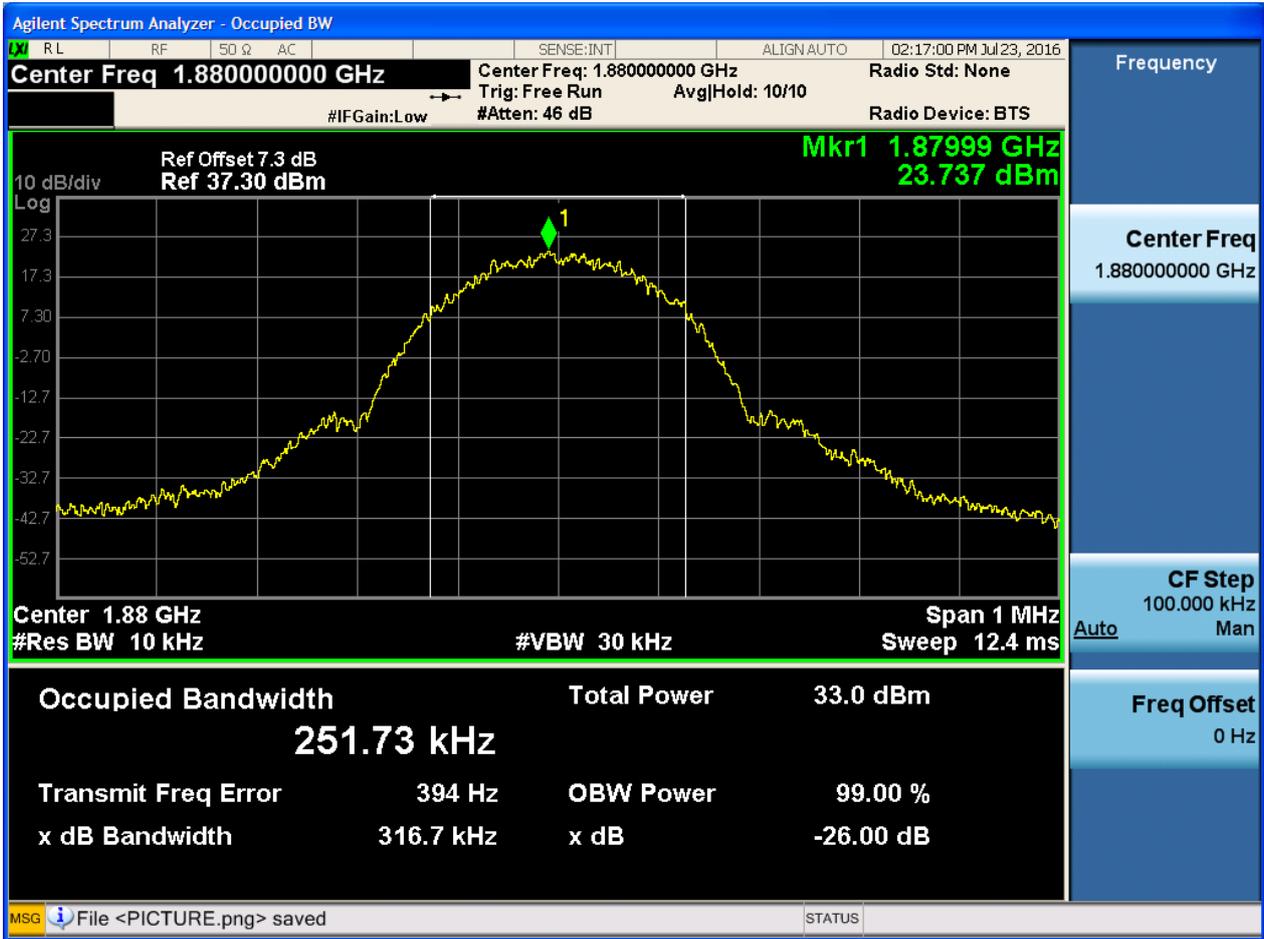
### 4.1.2.2 Test Mode = GSM/TM2

#### 4.1.2.2.1 Test Channel = LCH



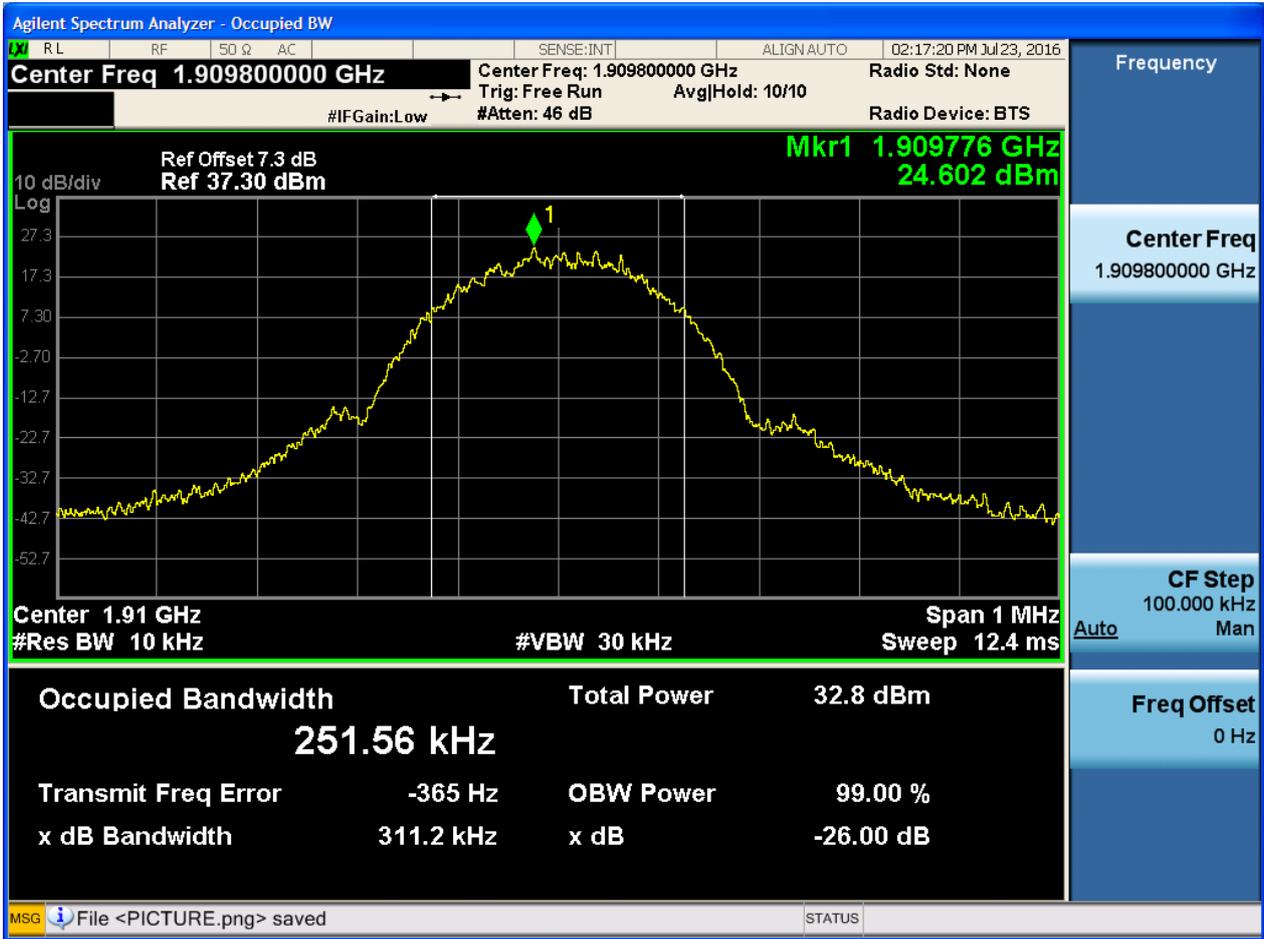


4.1.2.2.2 Test Channel = MCH





4.1.2.2.3 Test Channel = HCH



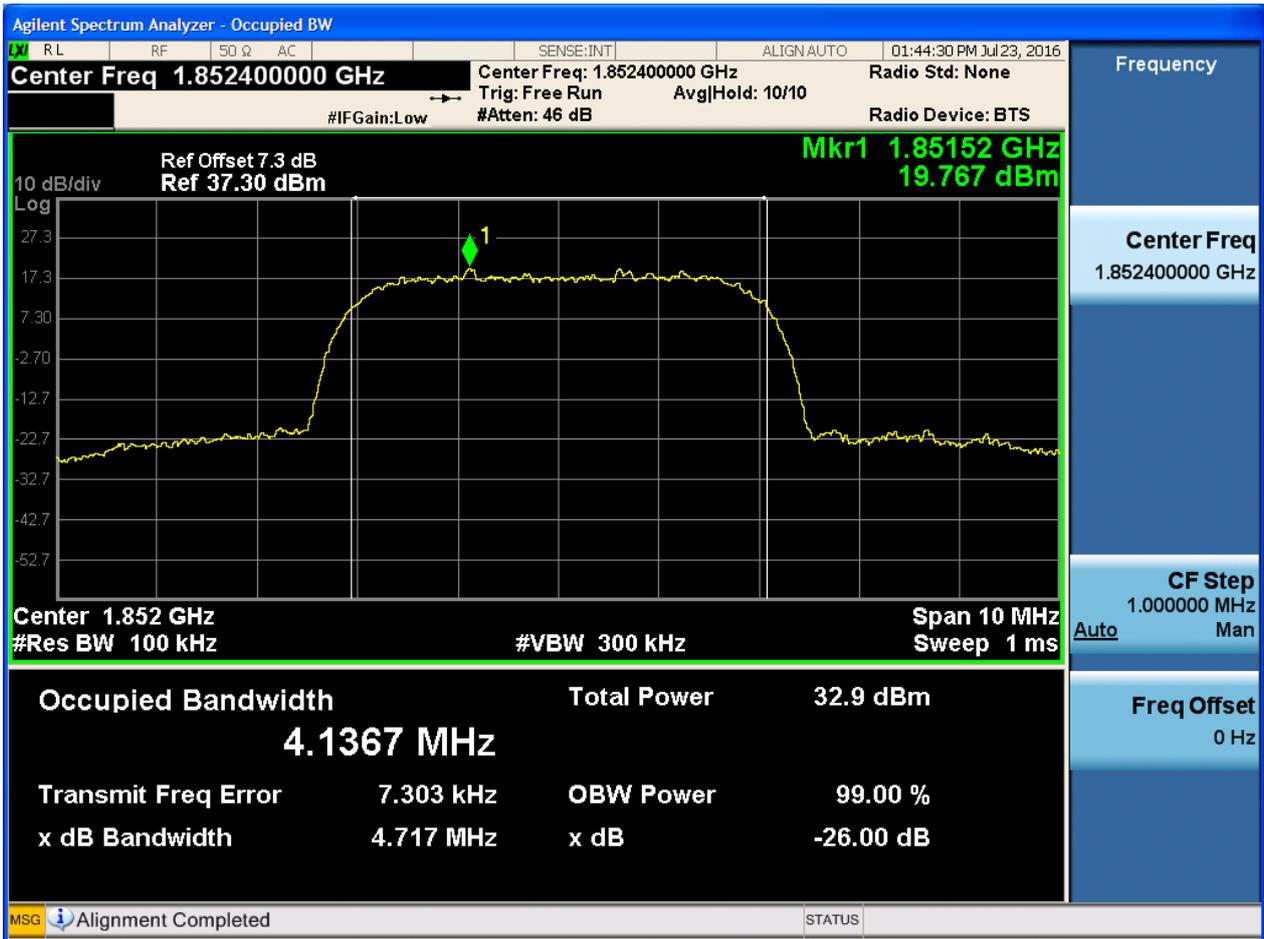


### 4.2 For UMTS

#### 4.2.1 Test Band = WCDMA1900

##### 4.2.1.1 Test Mode = UMTS/TM1

##### 4.2.1.1.1 Test Channel = LCH



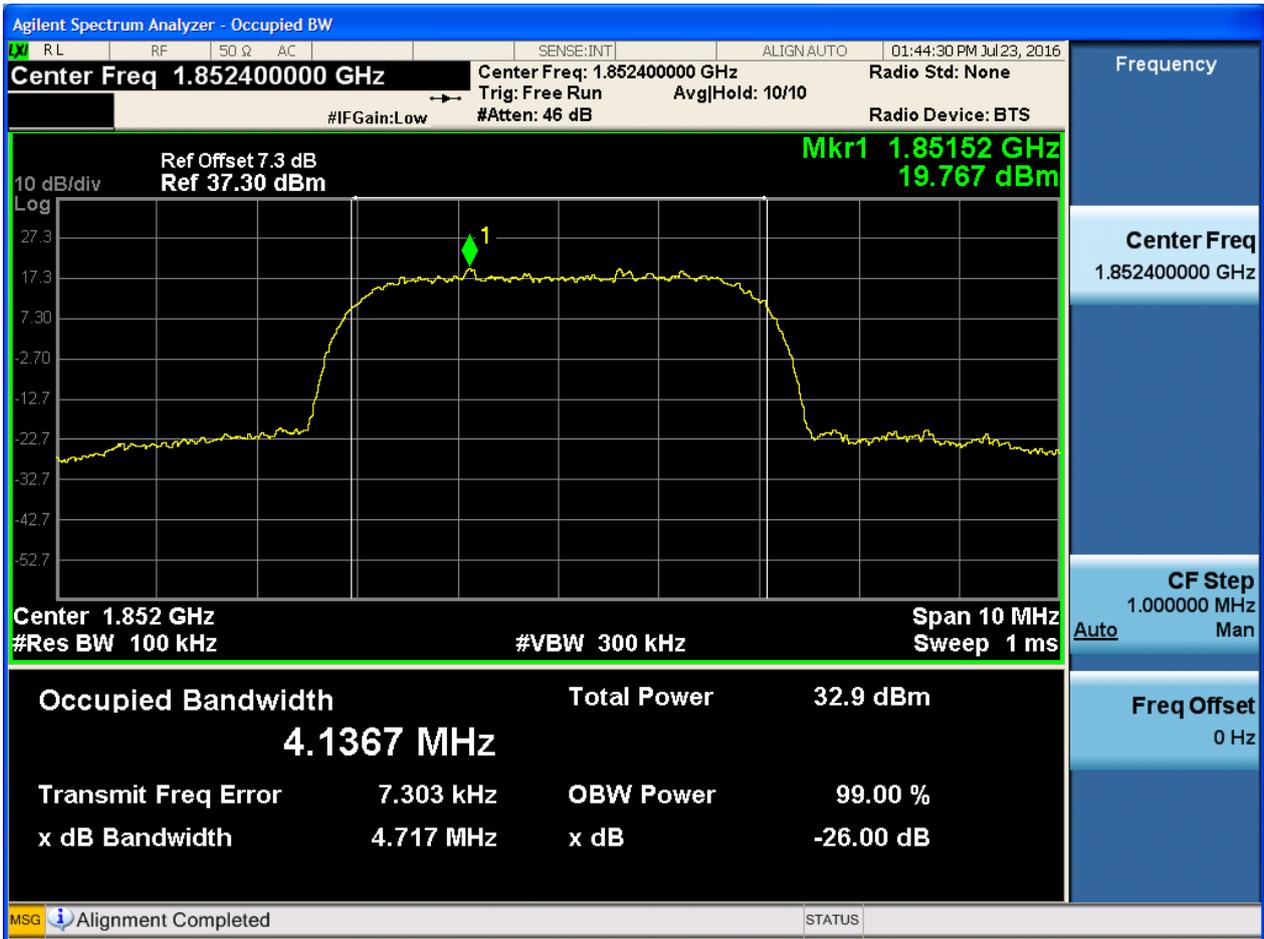


4.2.1.1.2 Test Channel =

4.2.2 Test Band = WCDMA1900

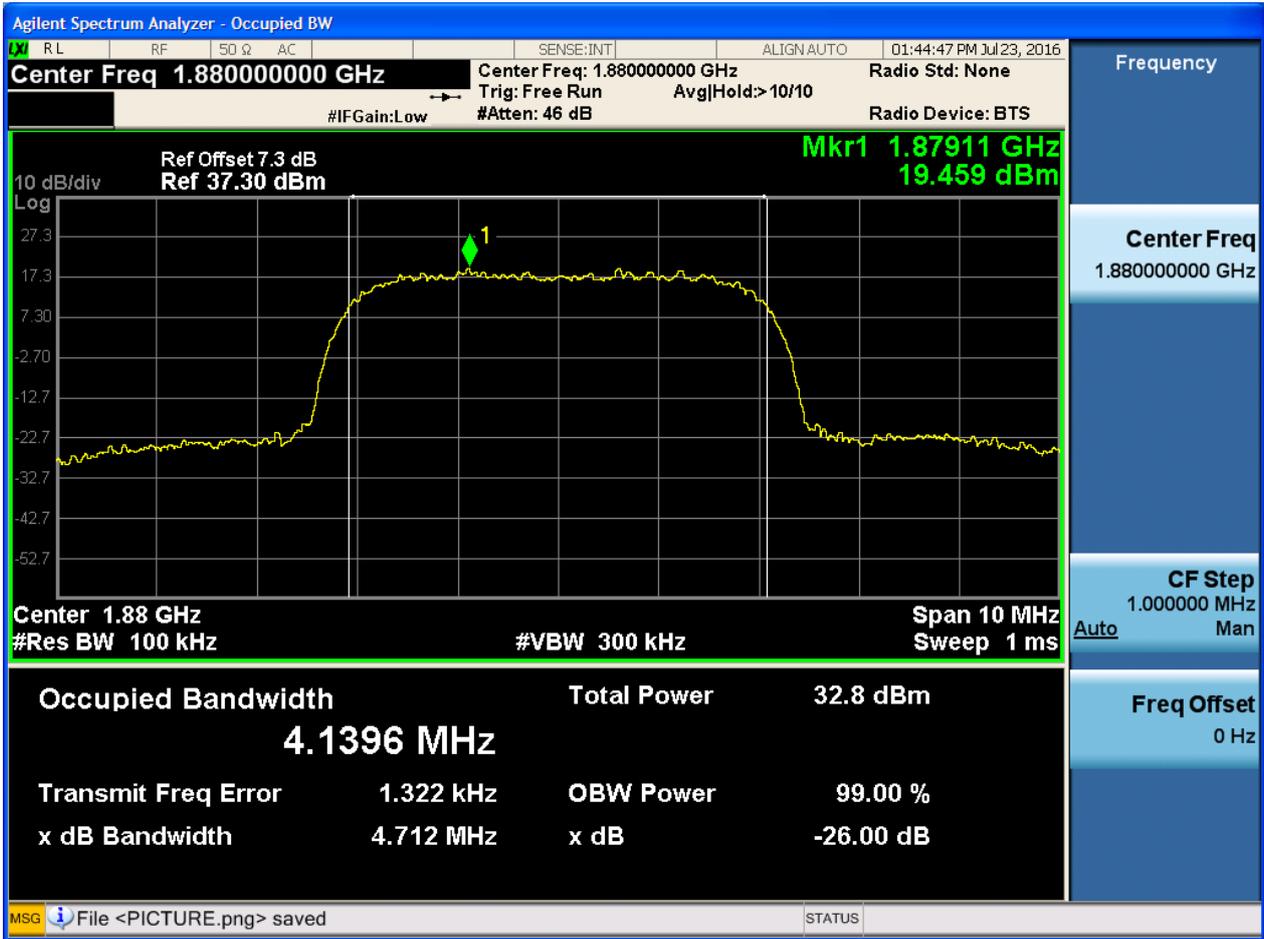
4.2.2.1 Test Mode = UMTS/TM1

4.2.2.1.1 Test Channel = LCH



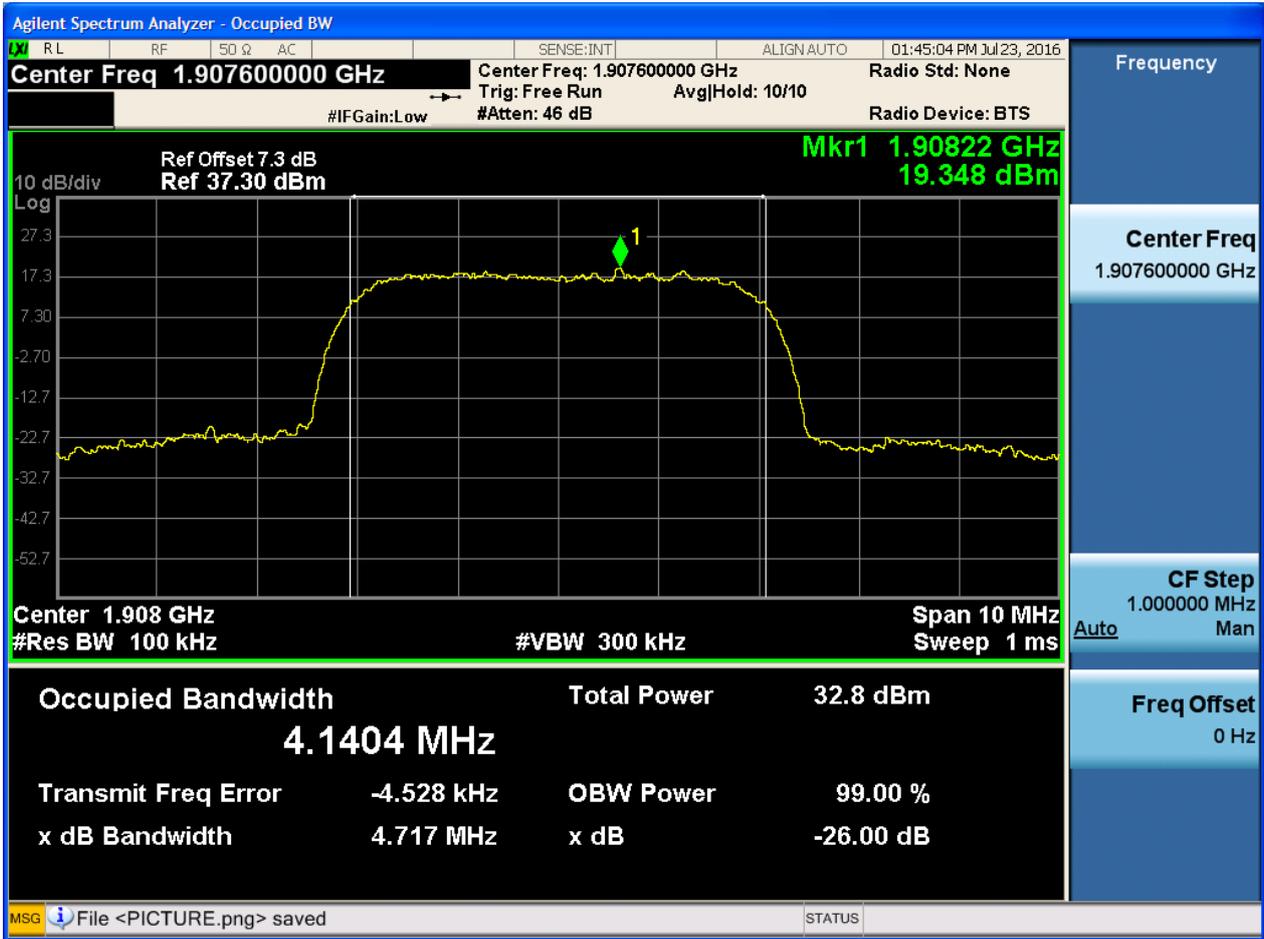


4.2.2.1.2 Test Channel = MCH





4.2.2.1.3 Test Channel = HCH

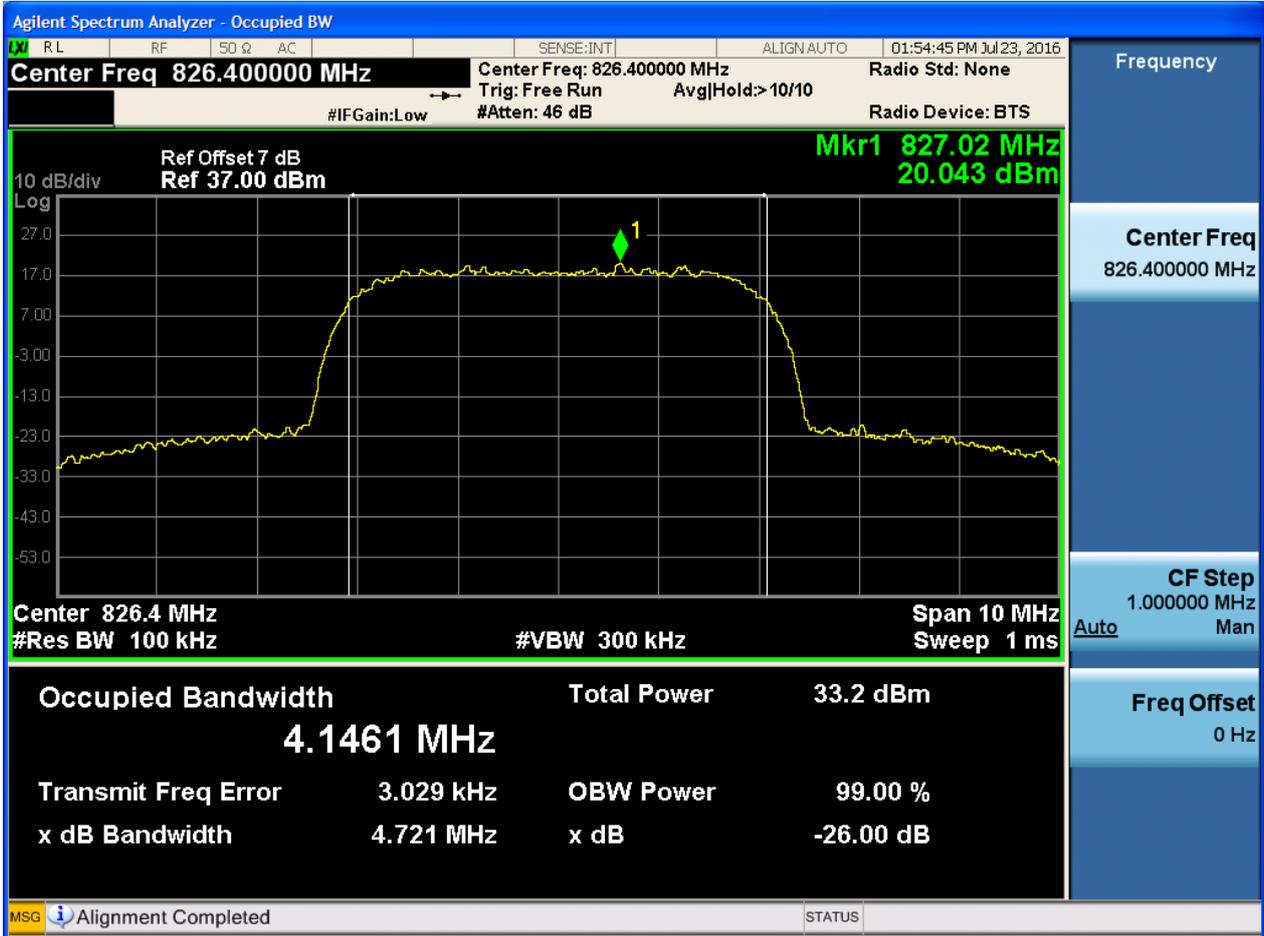




### 4.2.3 Test Band = WCDMA850

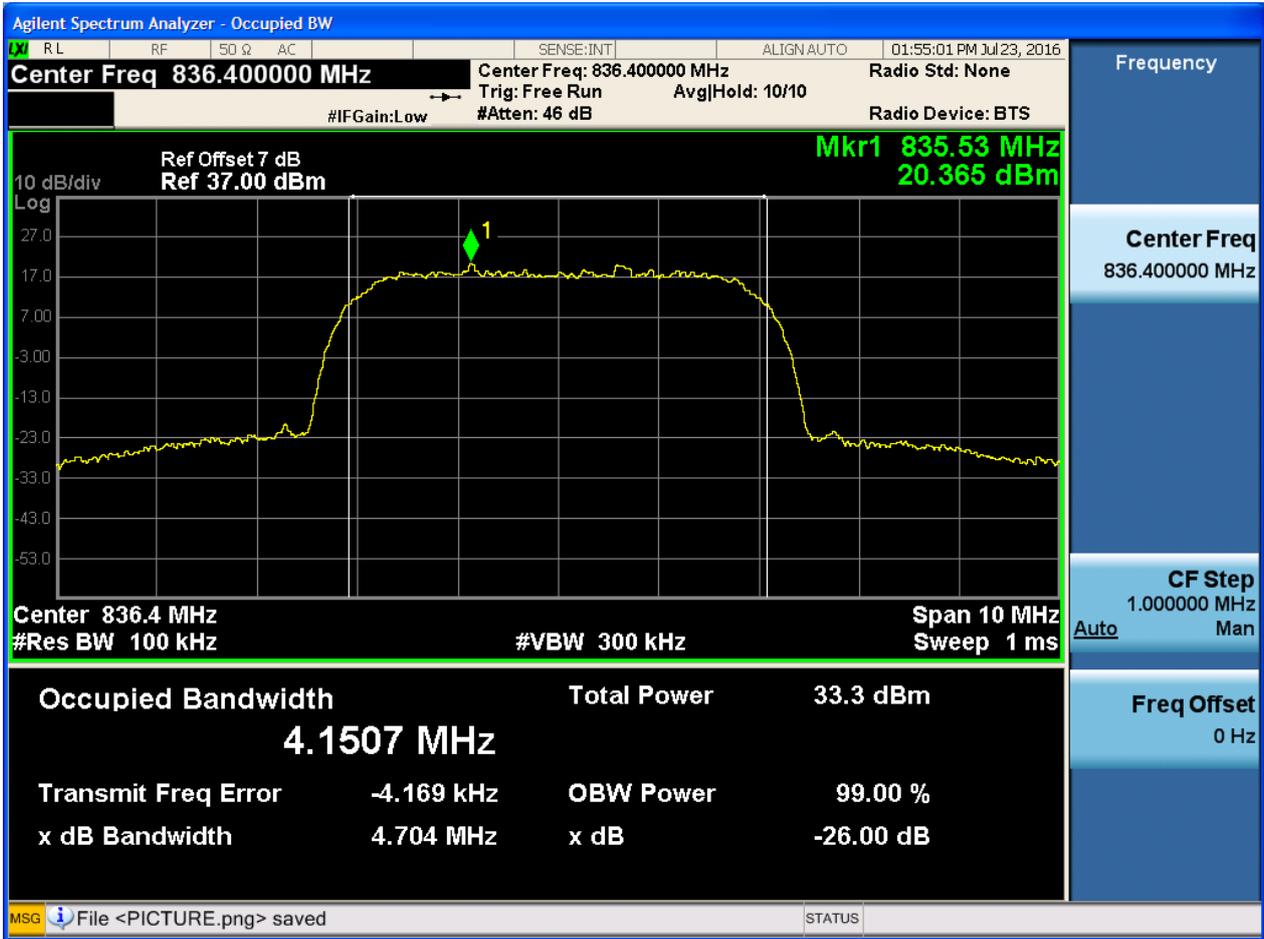
#### 4.2.3.1 Test Mode = UMTS/TM1

##### 4.2.3.1.1 Test Channel = LCH



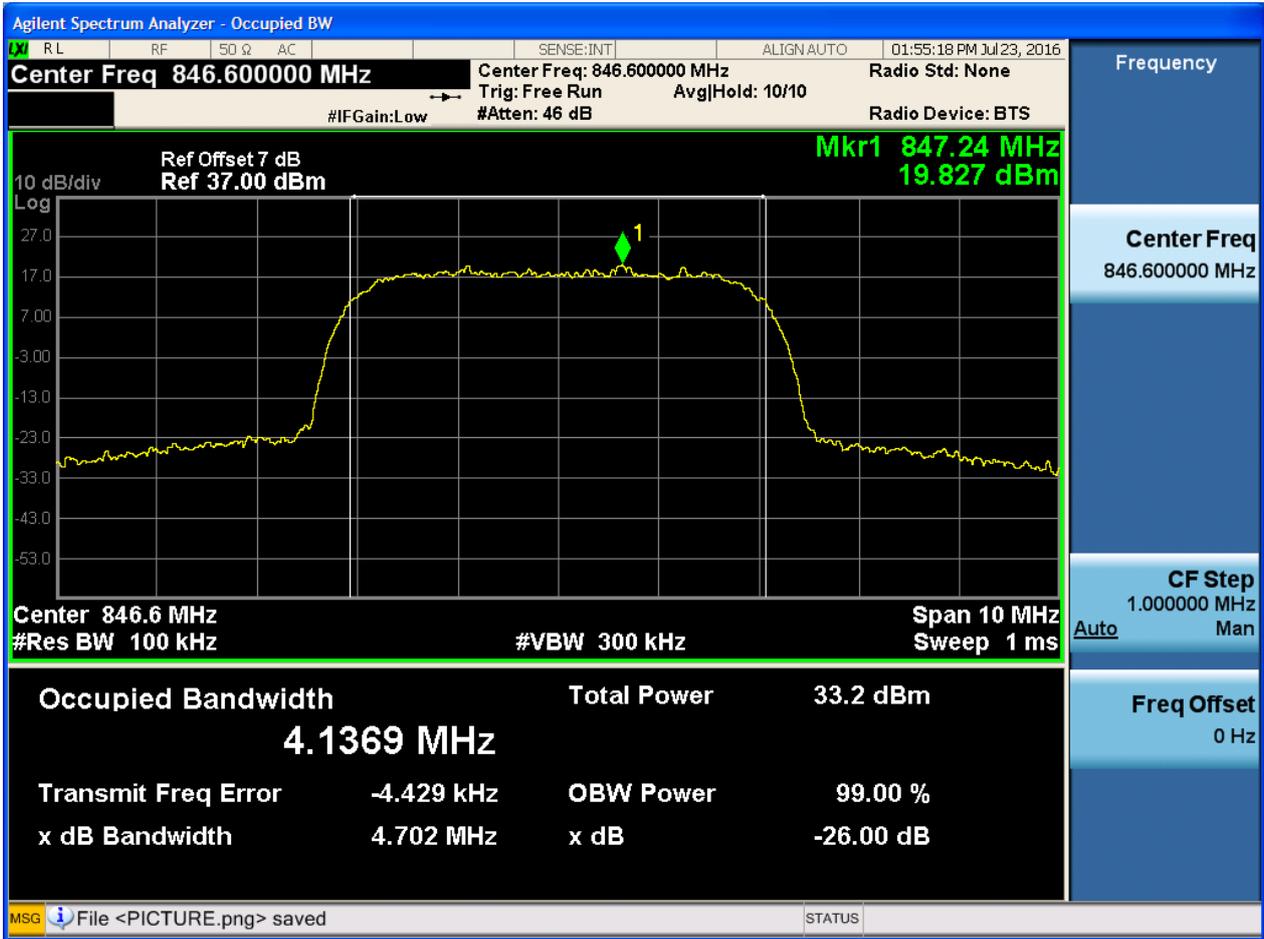


4.2.3.1.2 Test Channel = MCH





4.2.3.1.3 Test Channel = HCH





## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For GSM

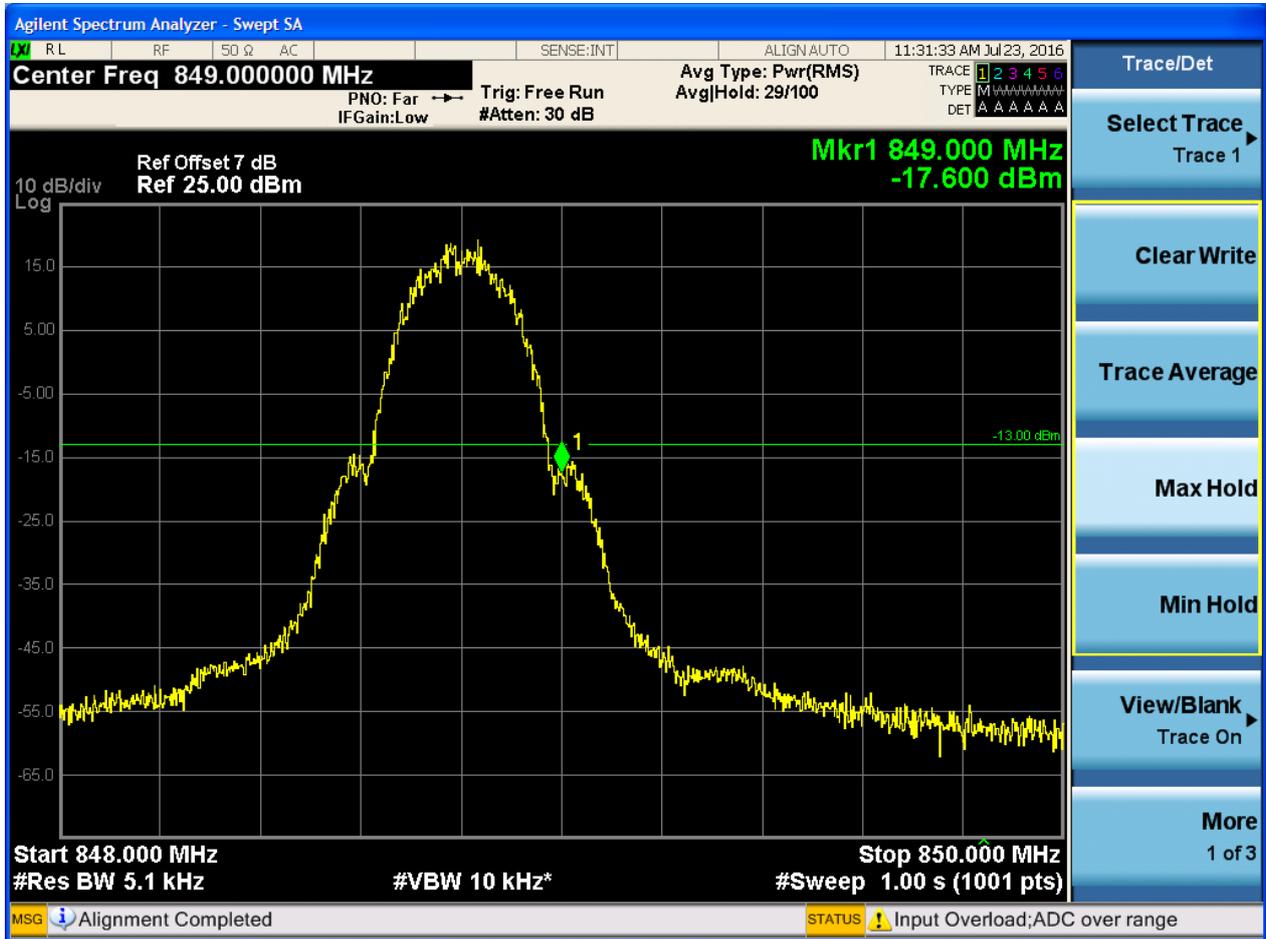
##### 5.1.1 Test Band = GSM850

##### 5.1.1.1 Test Mode = GSM/TM1

##### 5.1.1.1.1 Test Channel = LCH



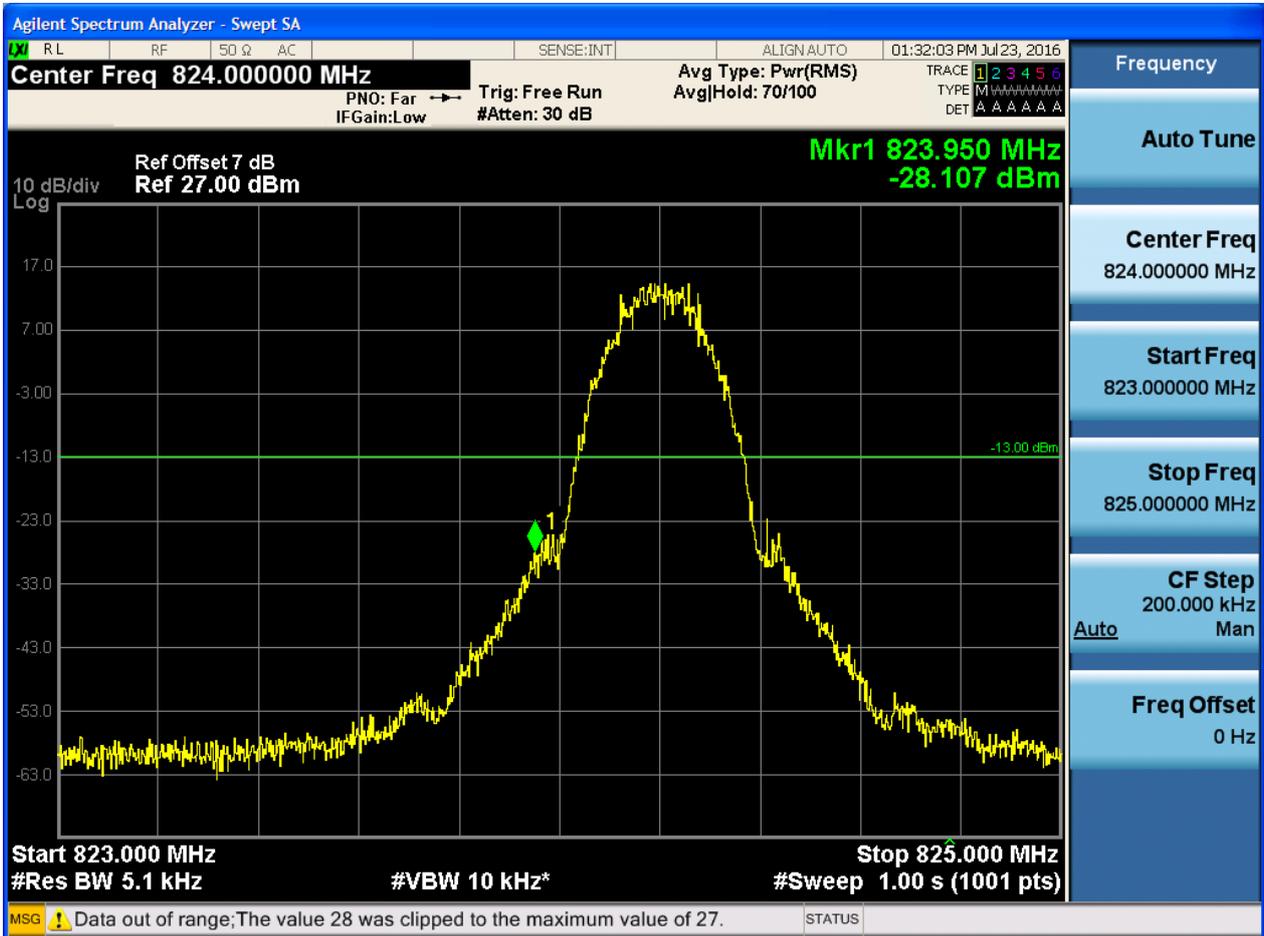
## 5.1.1.1.2 Test Channel = HCH





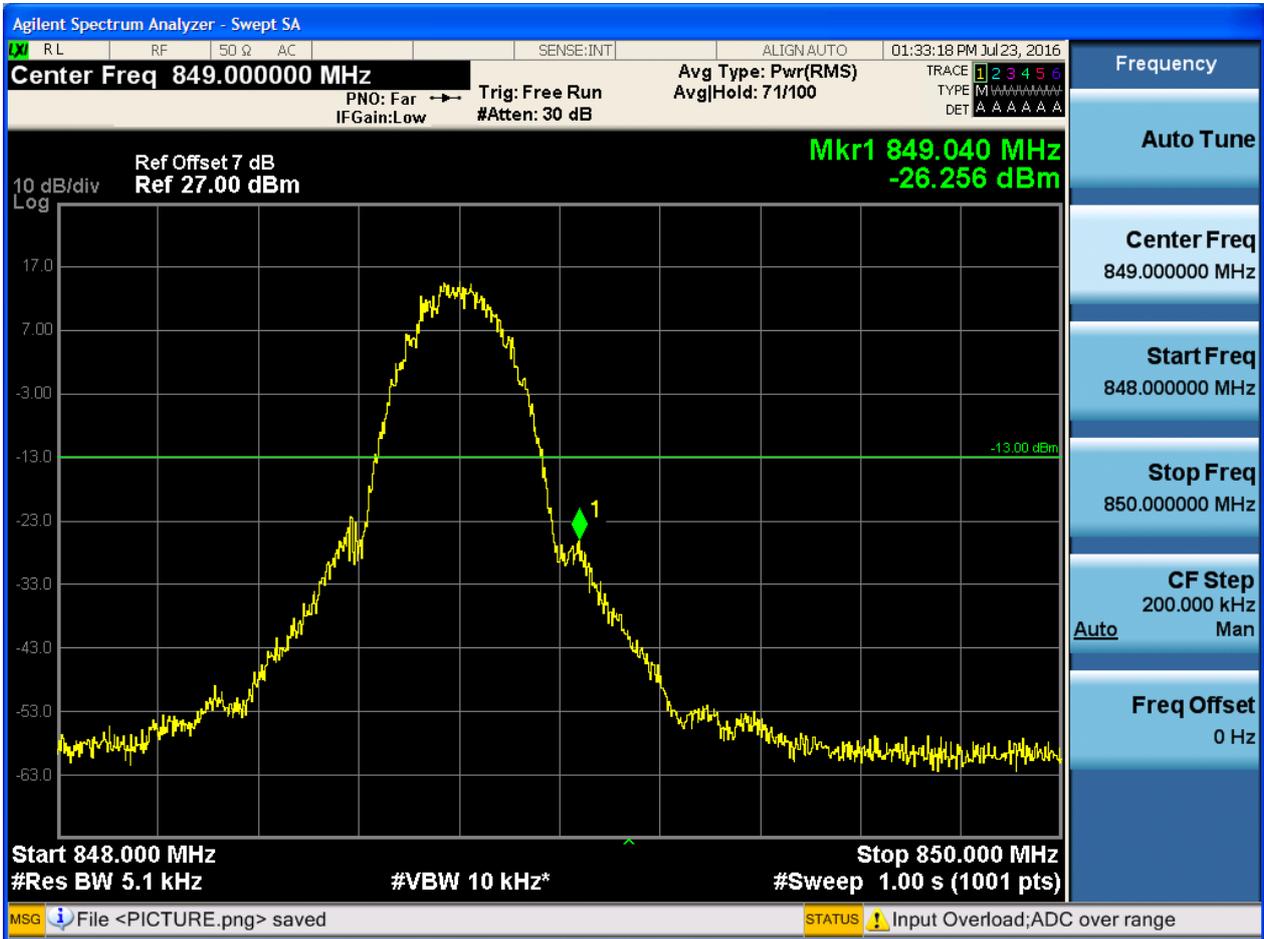
### 5.1.1.2 Test Mode = GSM/TM2

#### 5.1.1.2.1 Test Channel = LCH





5.1.1.2.2 Test Channel = HCH

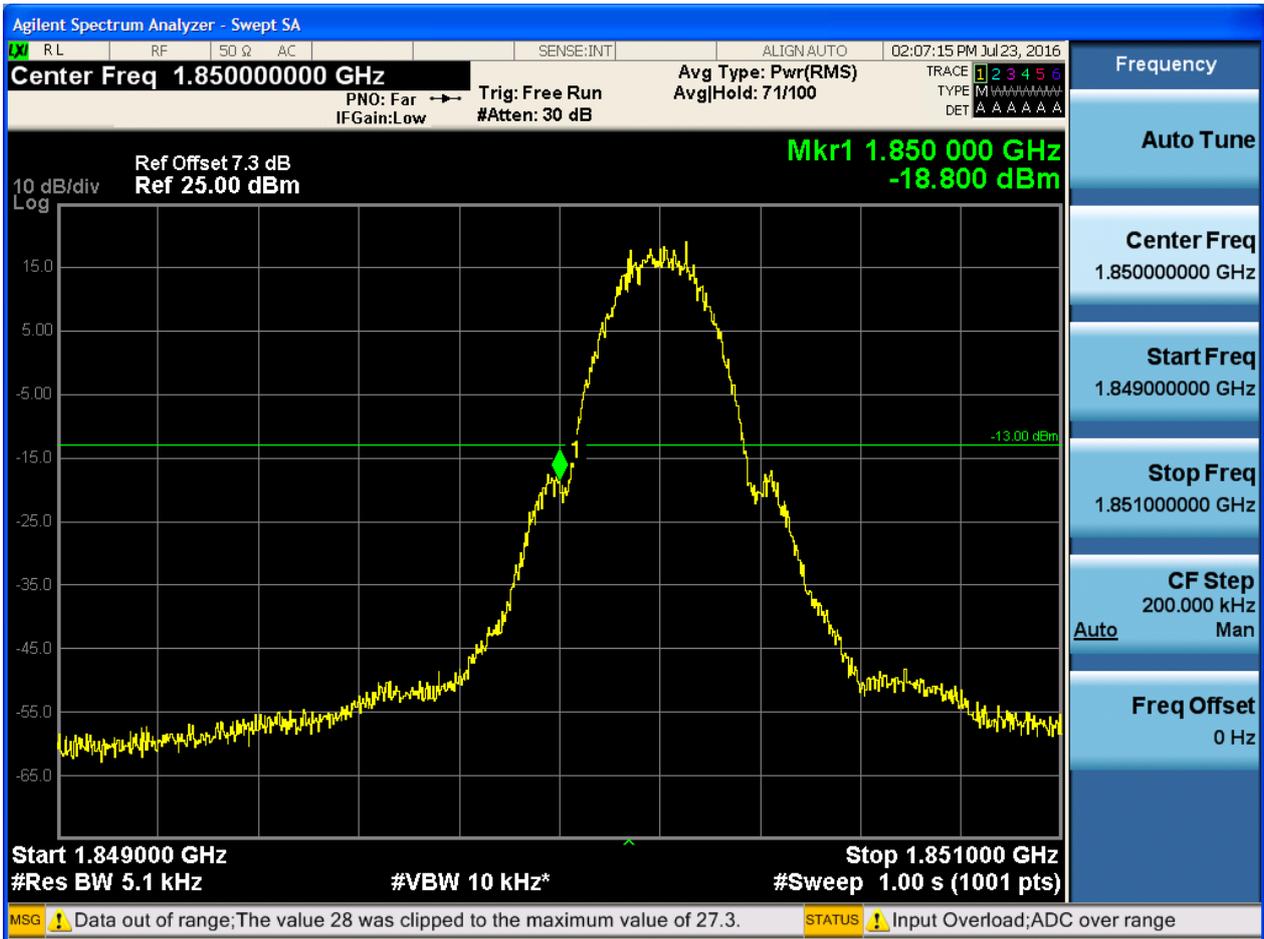




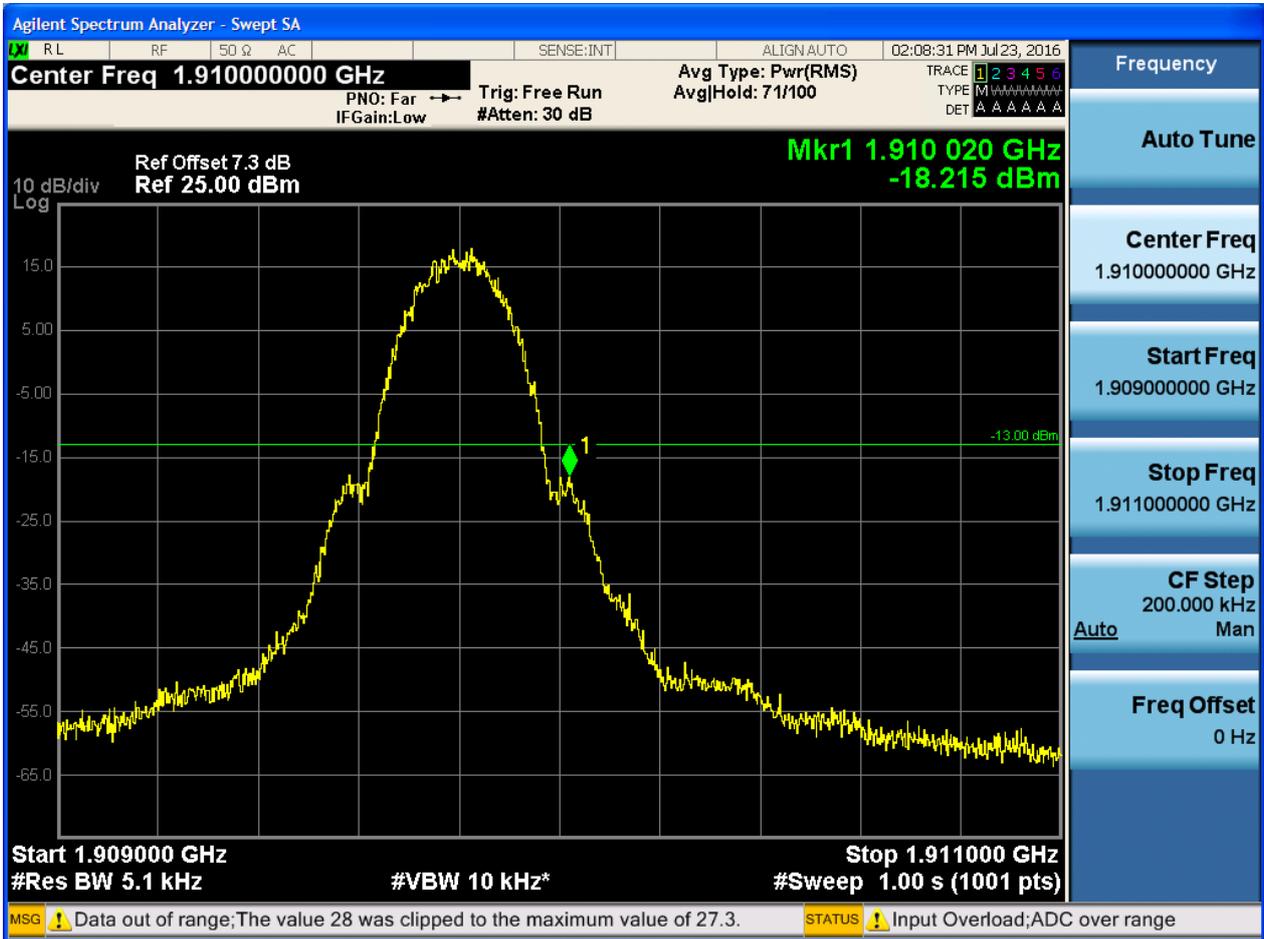
5.1.2 Test Band = GSM1900

5.1.2.1 Test Mode = GSM/TM1

5.1.2.1.1 Test Channel = LCH



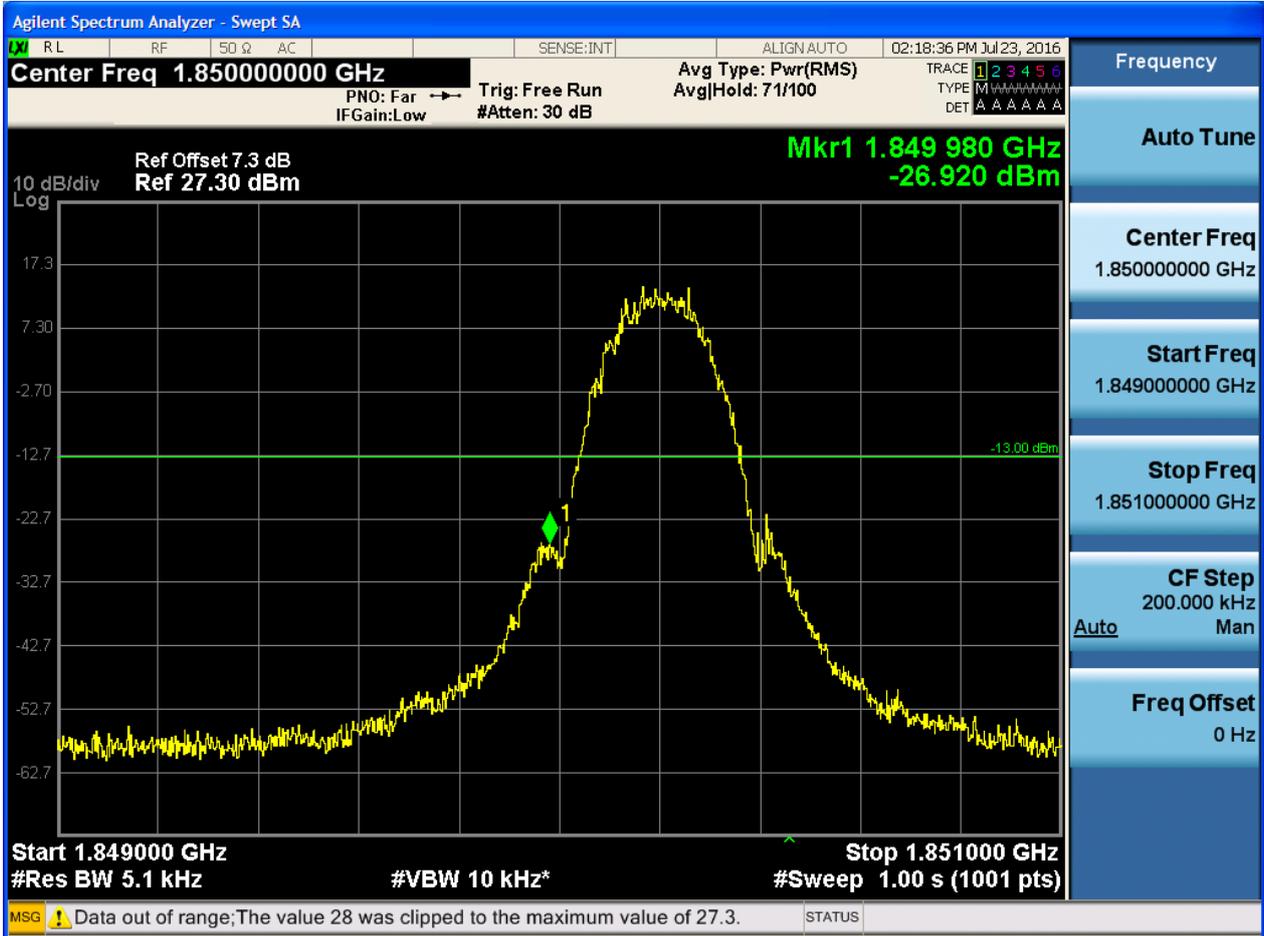
5.1.2.1.2 Test Channel = HCH



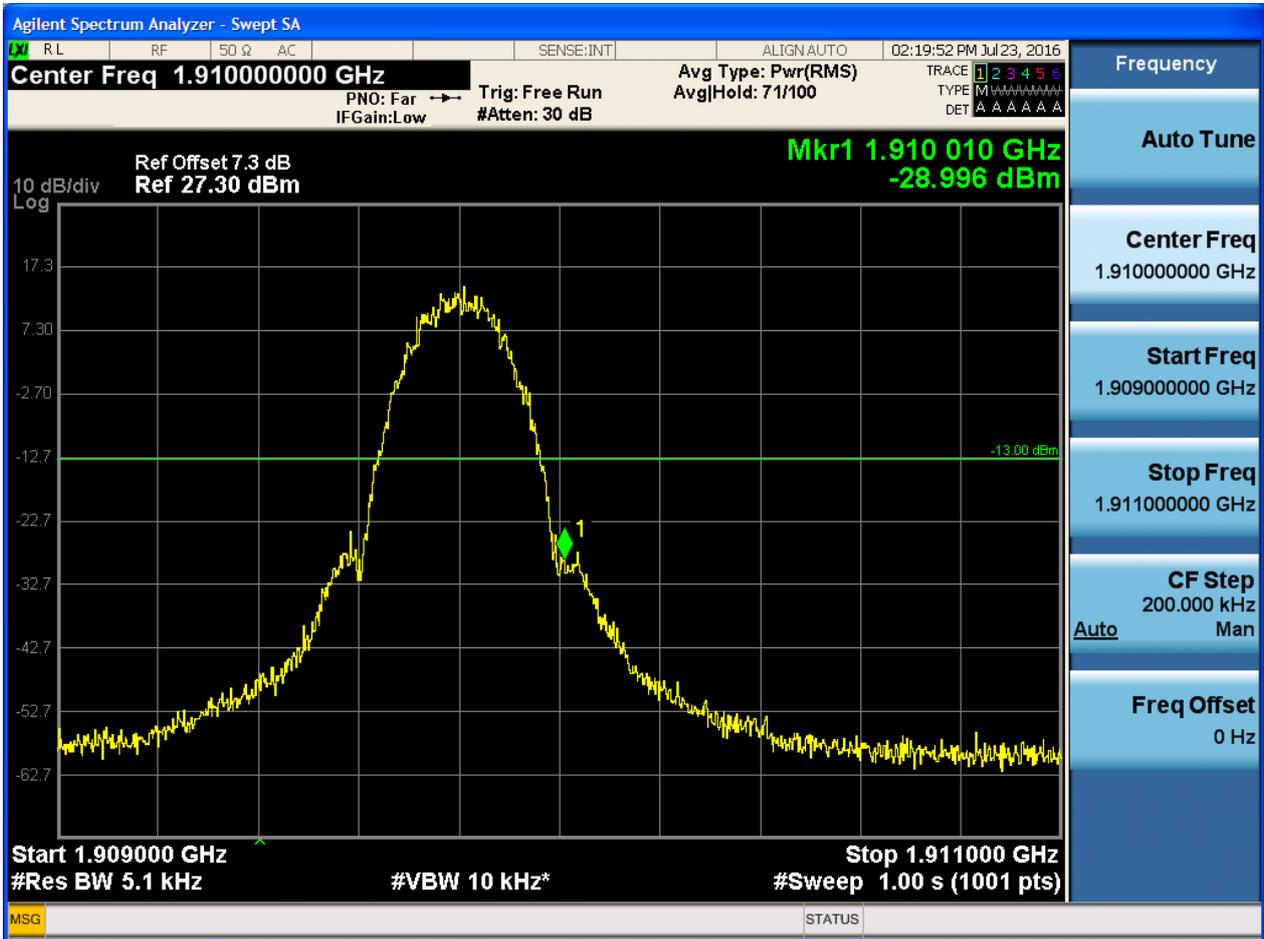


### 5.1.2.2 Test Mode = GSM/TM2

#### 5.1.2.2.1 Test Channel = LCH



5.1.2.2.2 Test Channel = HCH





## 5.2 For UMTS

### 5.2.1 Test Band = WCDMA1900

#### 5.2.1.1 Test Mode = UMTS/TM1

##### 5.2.1.1.1 Test Channel = LCH



5.2.1.1.2 Test Channel = HCH





5.2.2 Test Band = WCDMA850

5.2.2.1 Test Mode = UMTS/TM1

5.2.2.1.1 Test Channel = LCH



## 5.2.2.1.2 Test Channel = HCH





## 6Appendix\_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

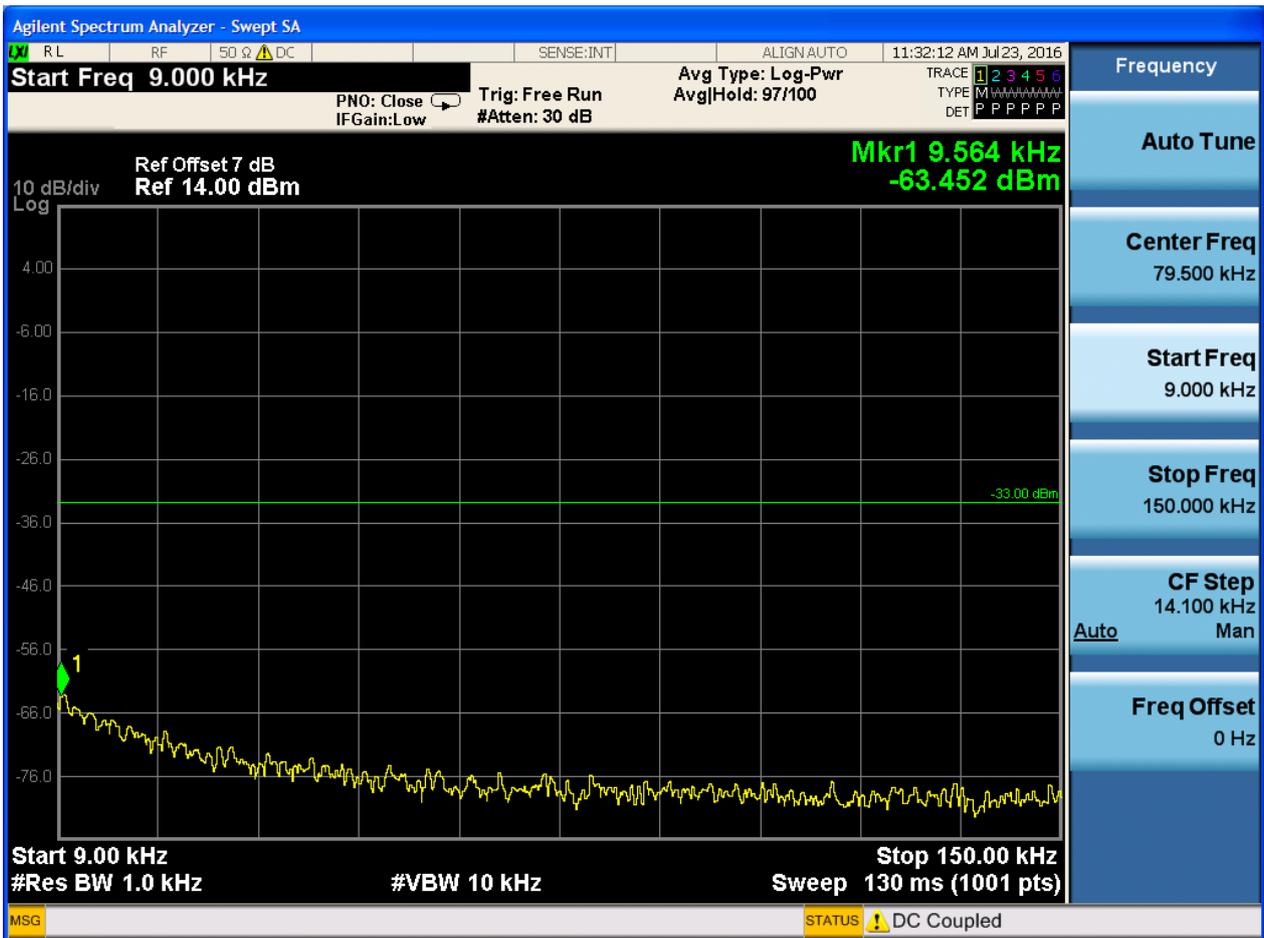
### Part I - Test Plots

#### 6.1 For GSM

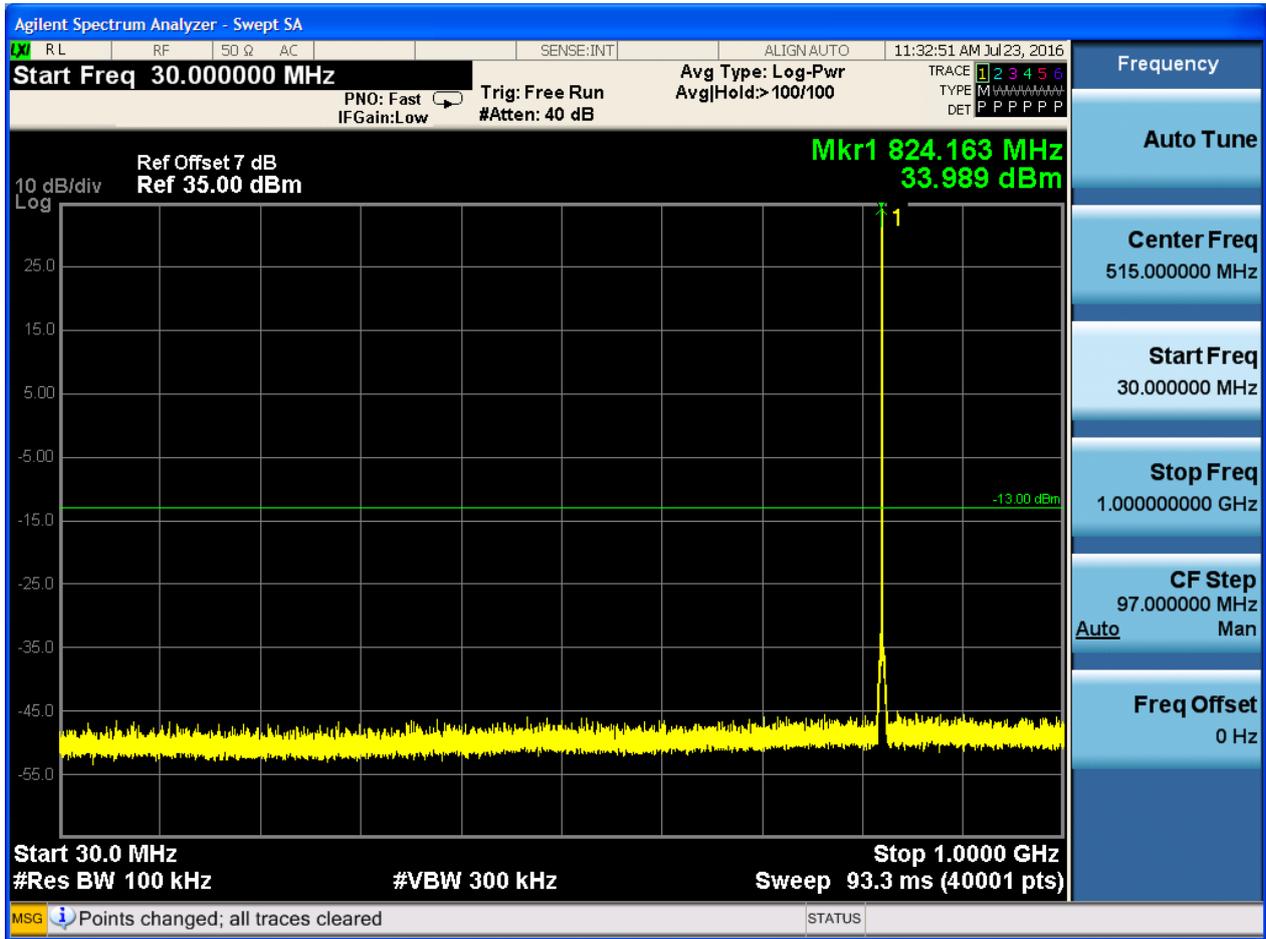
##### 6.1.1 Test Band = GSM850

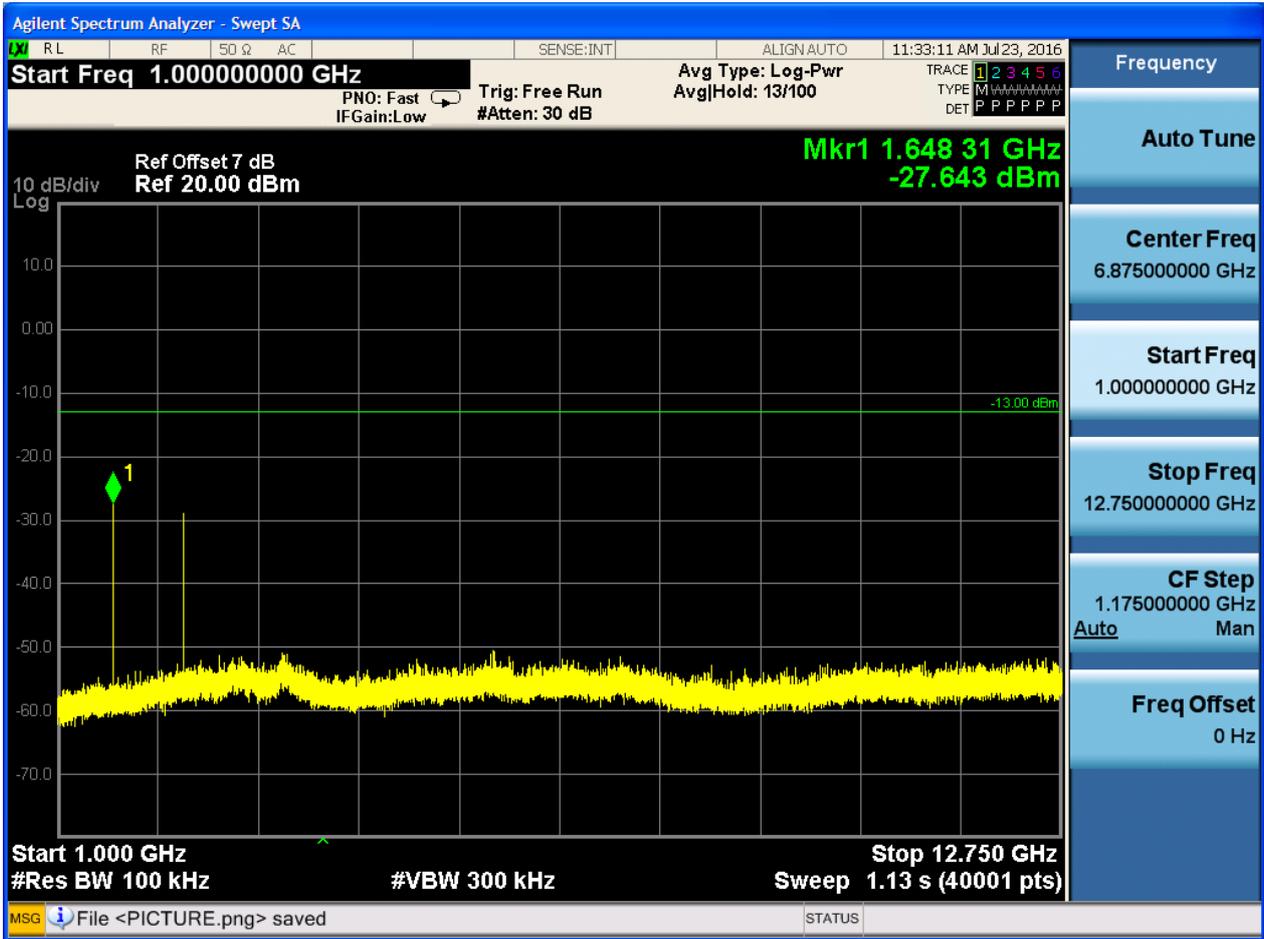
##### 6.1.1.1 Test Mode = GSM/TM1

##### 6.1.1.1.1 Test Channel = LCH



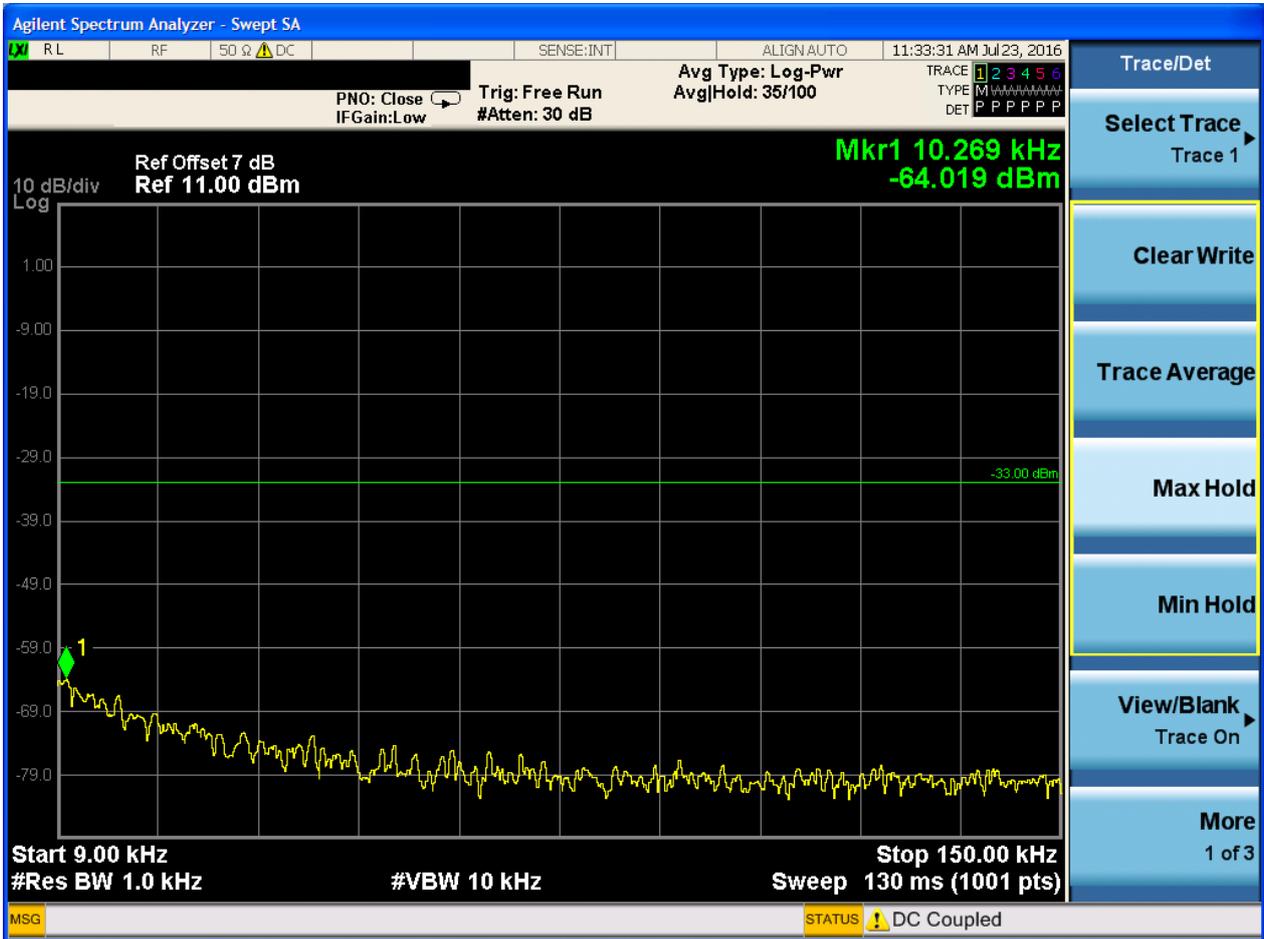


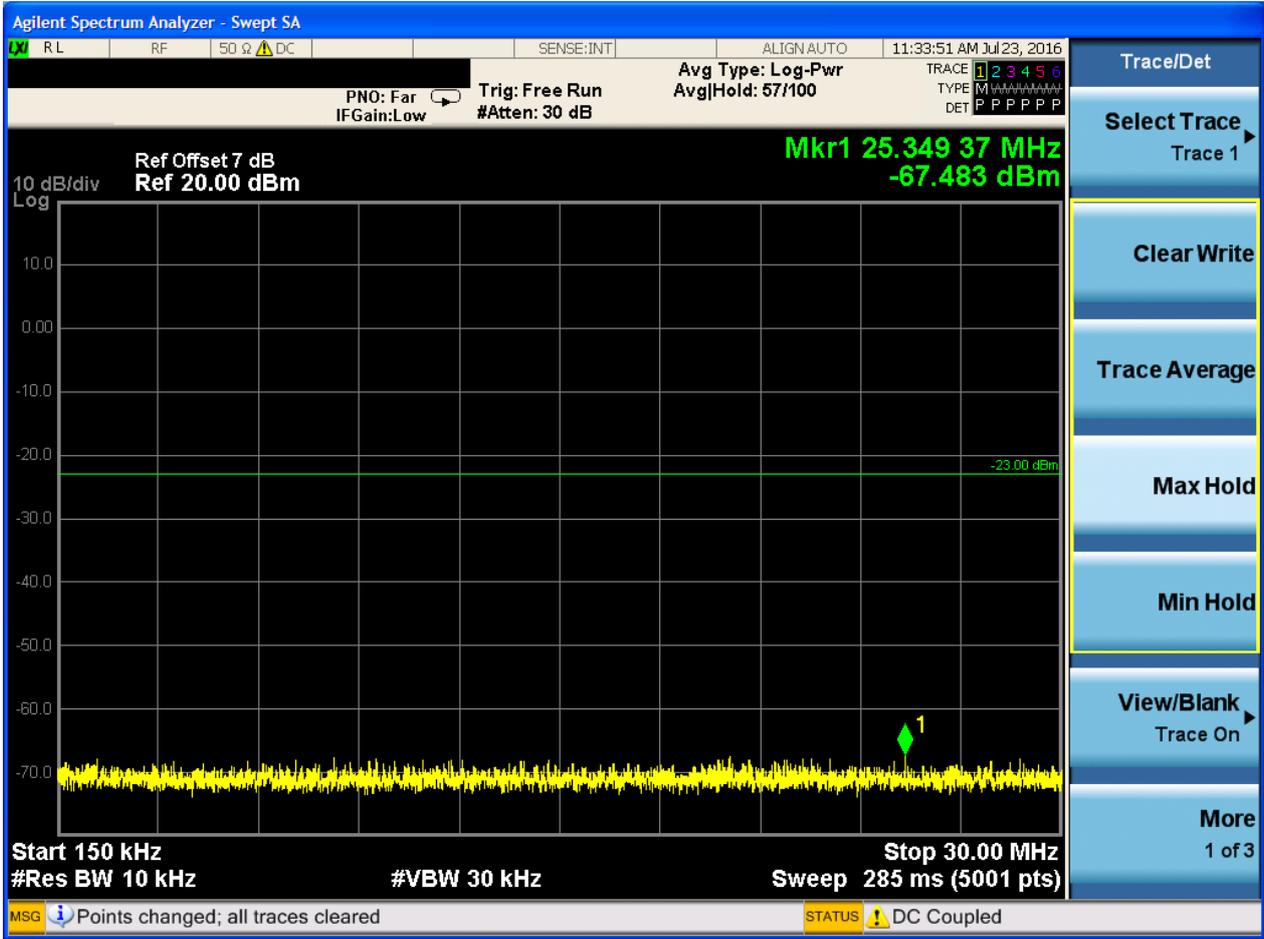


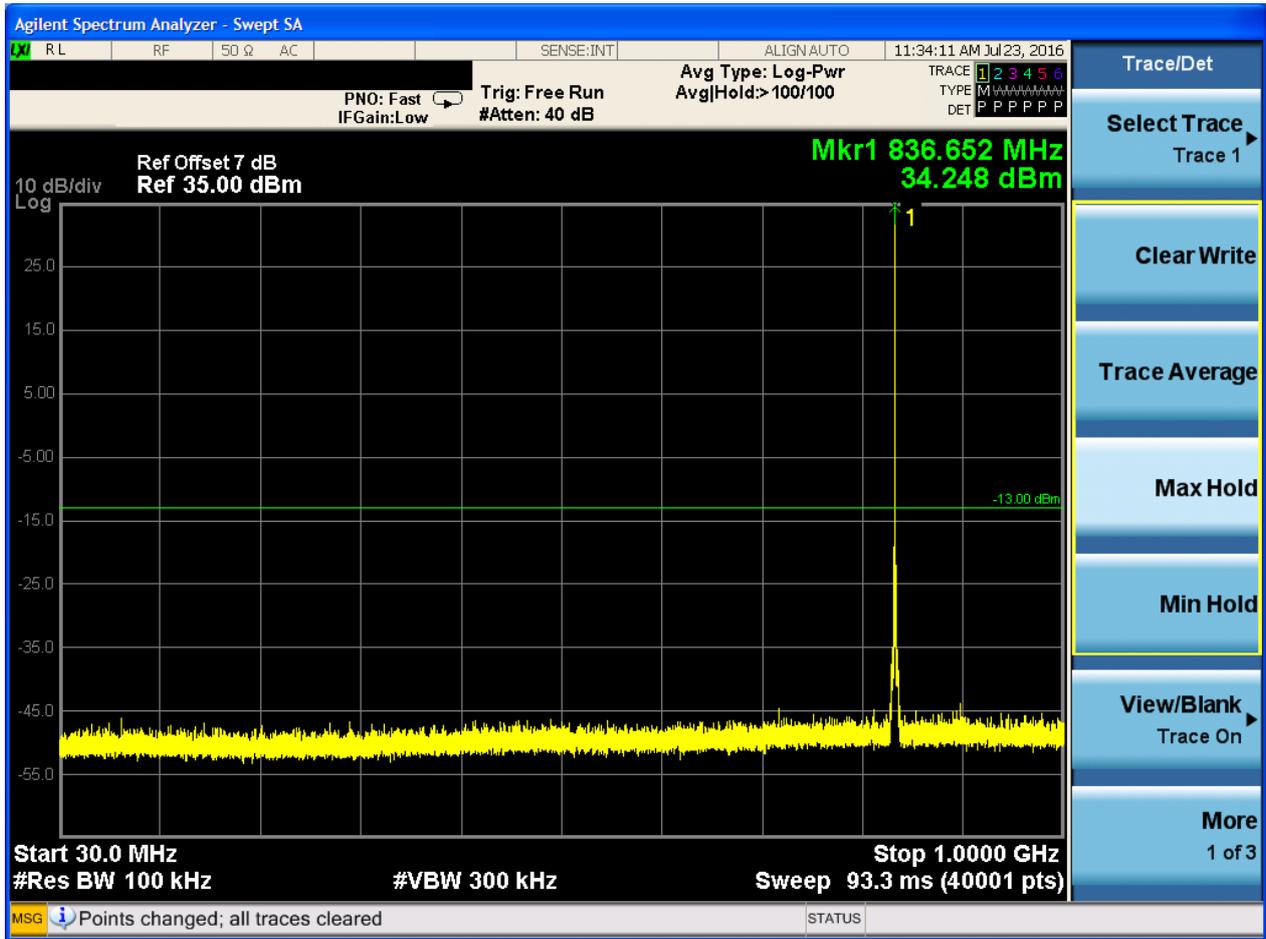


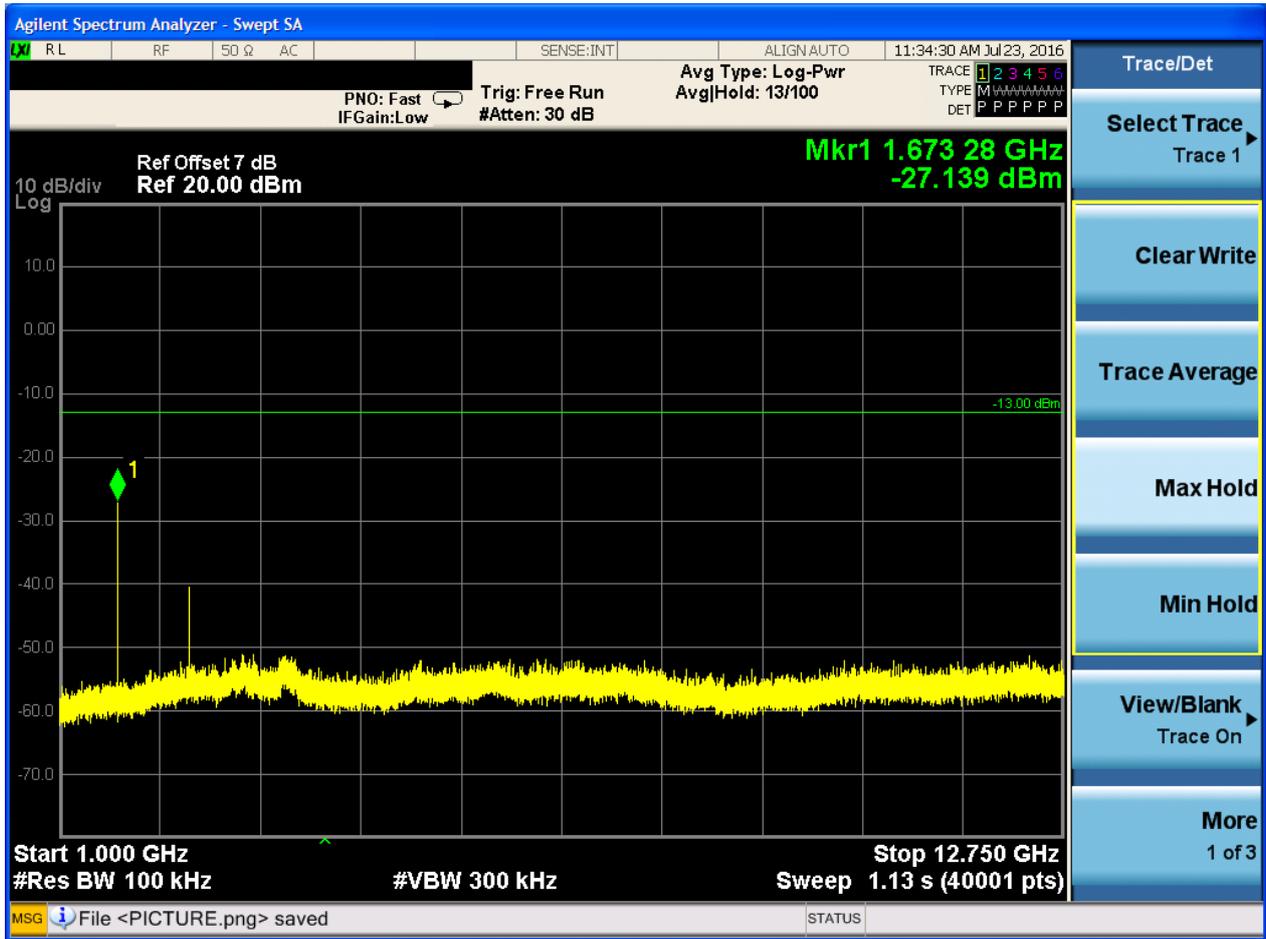


6.1.1.1.2 Test Channel = MCH



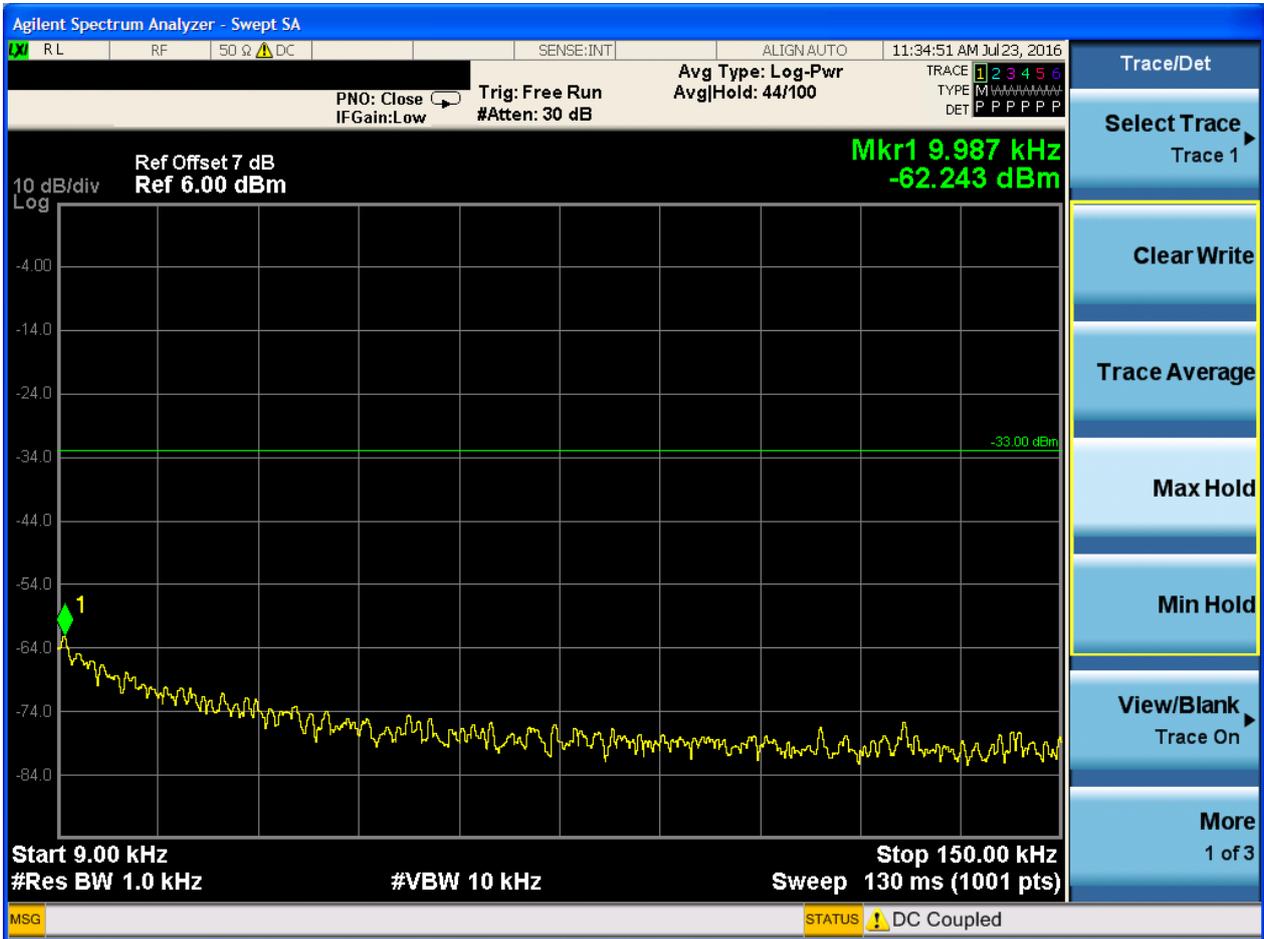


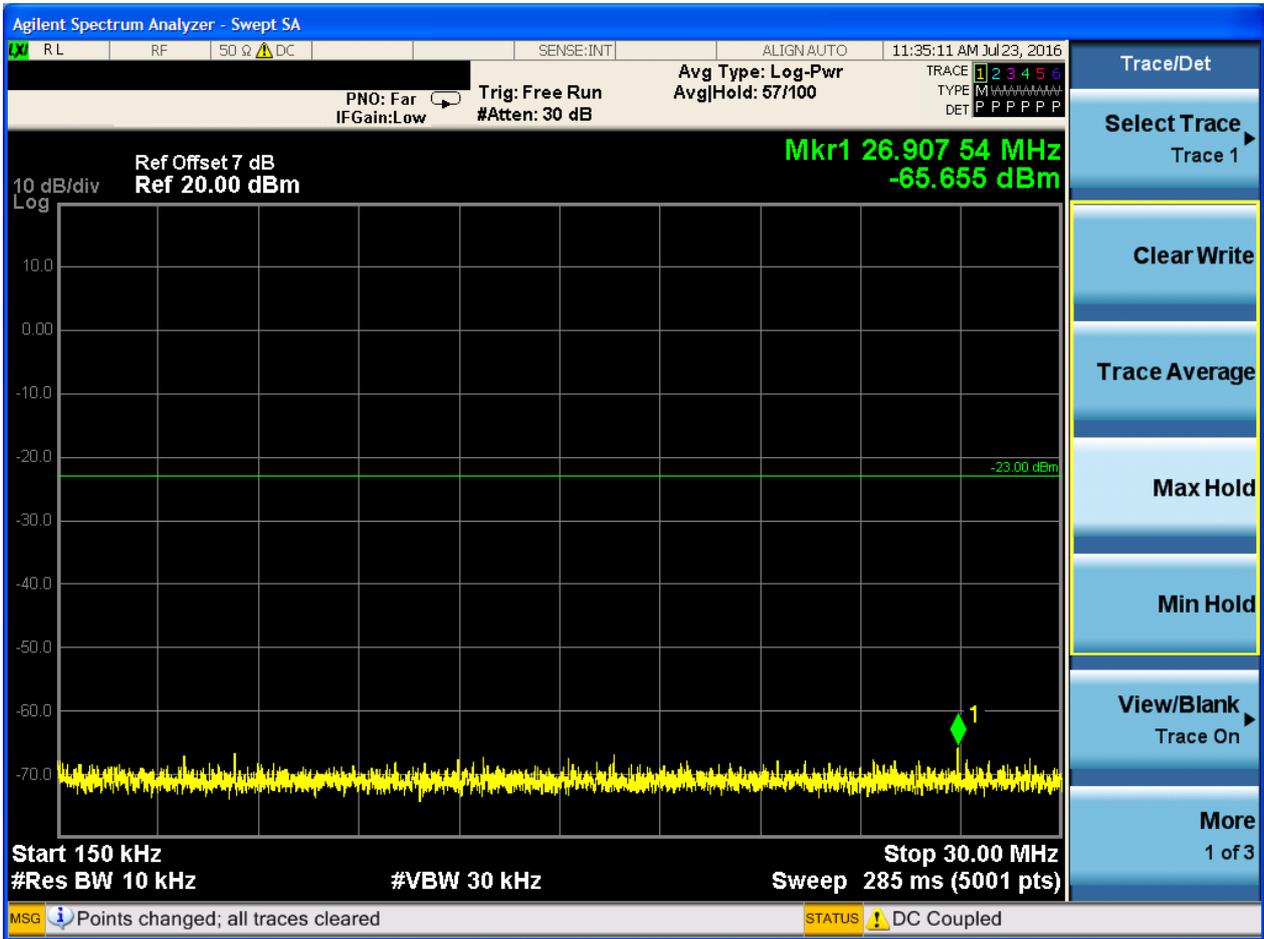


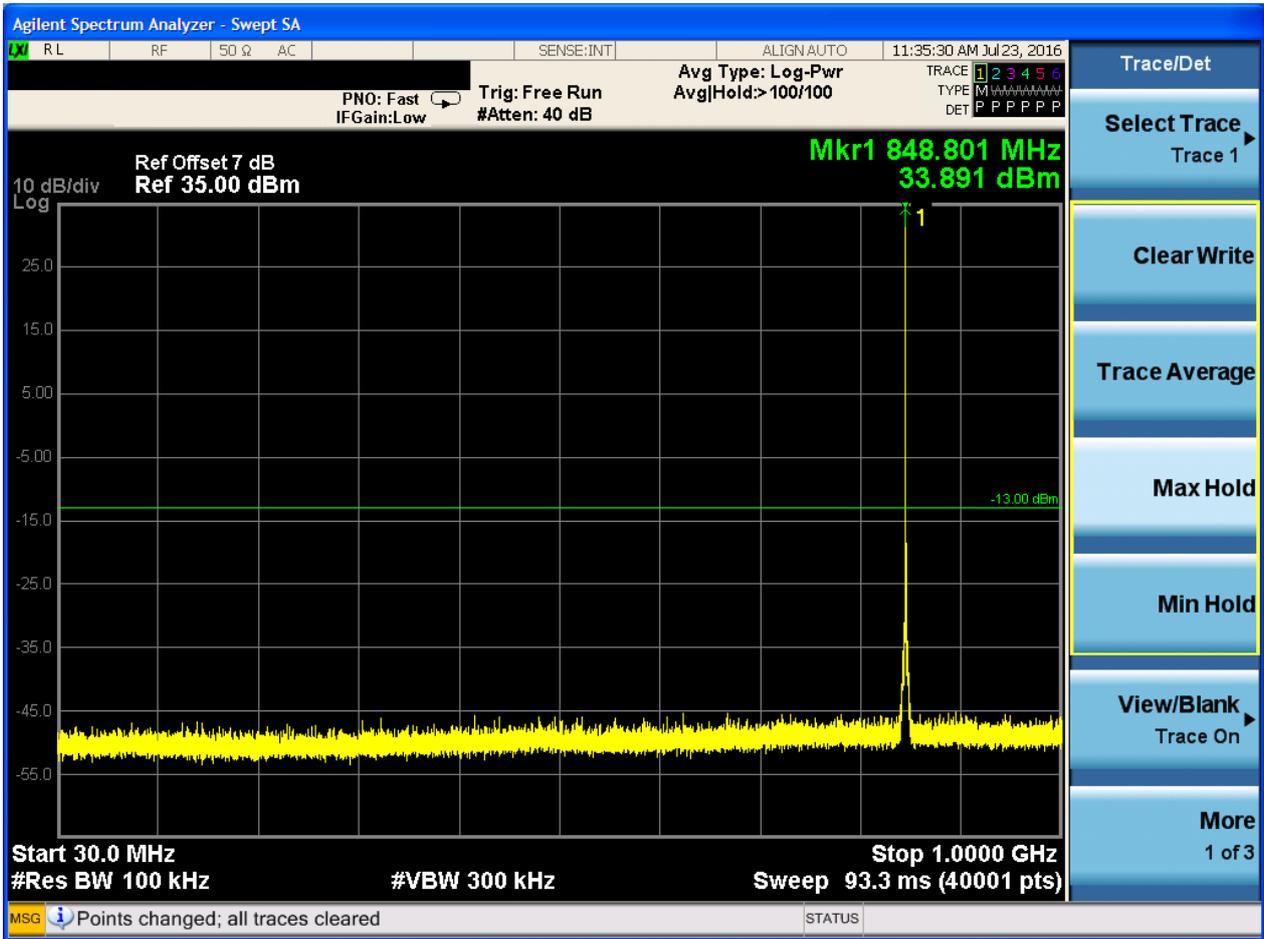


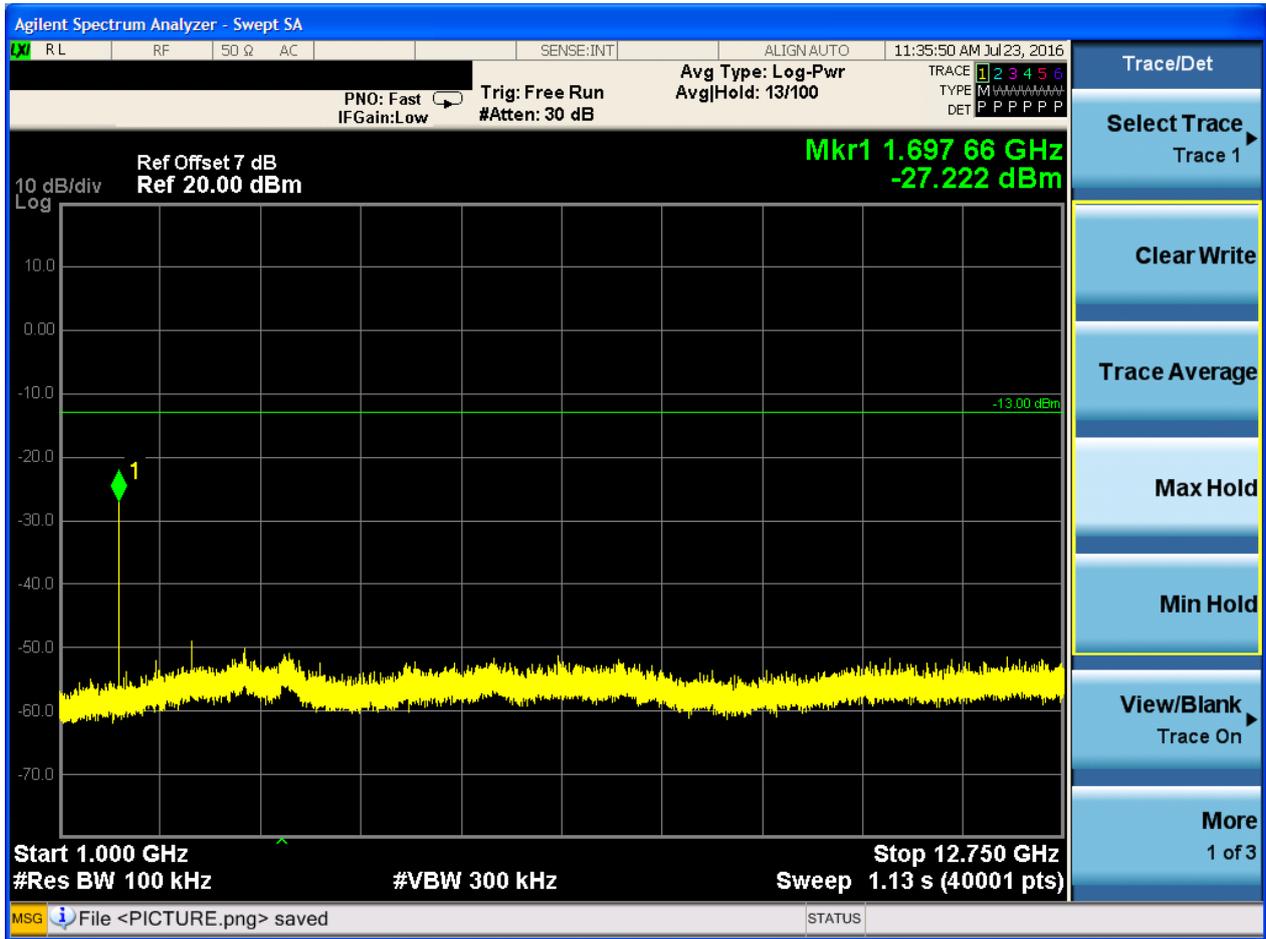


### 6.1.1.1.3 Test Channel = HCH





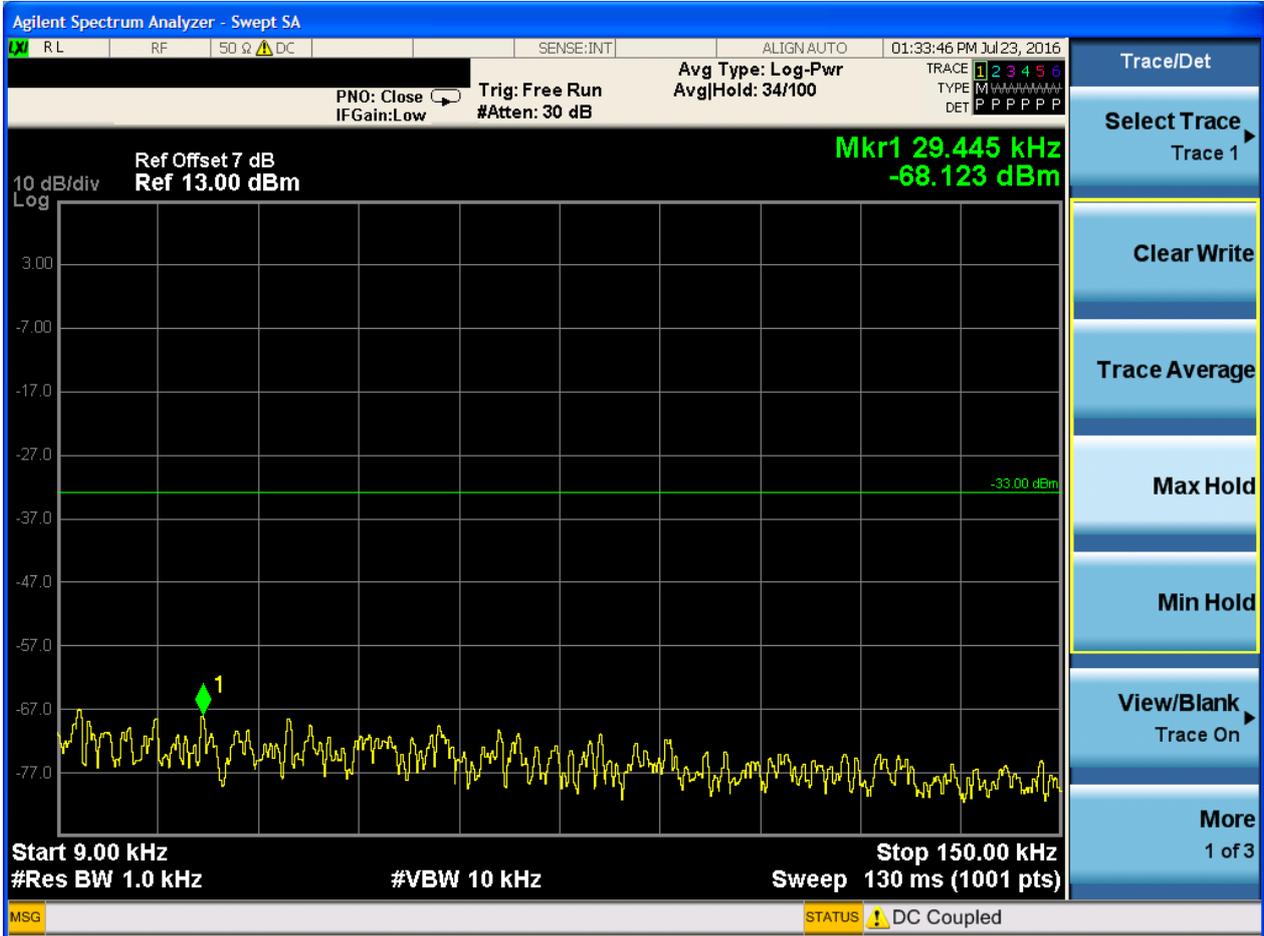


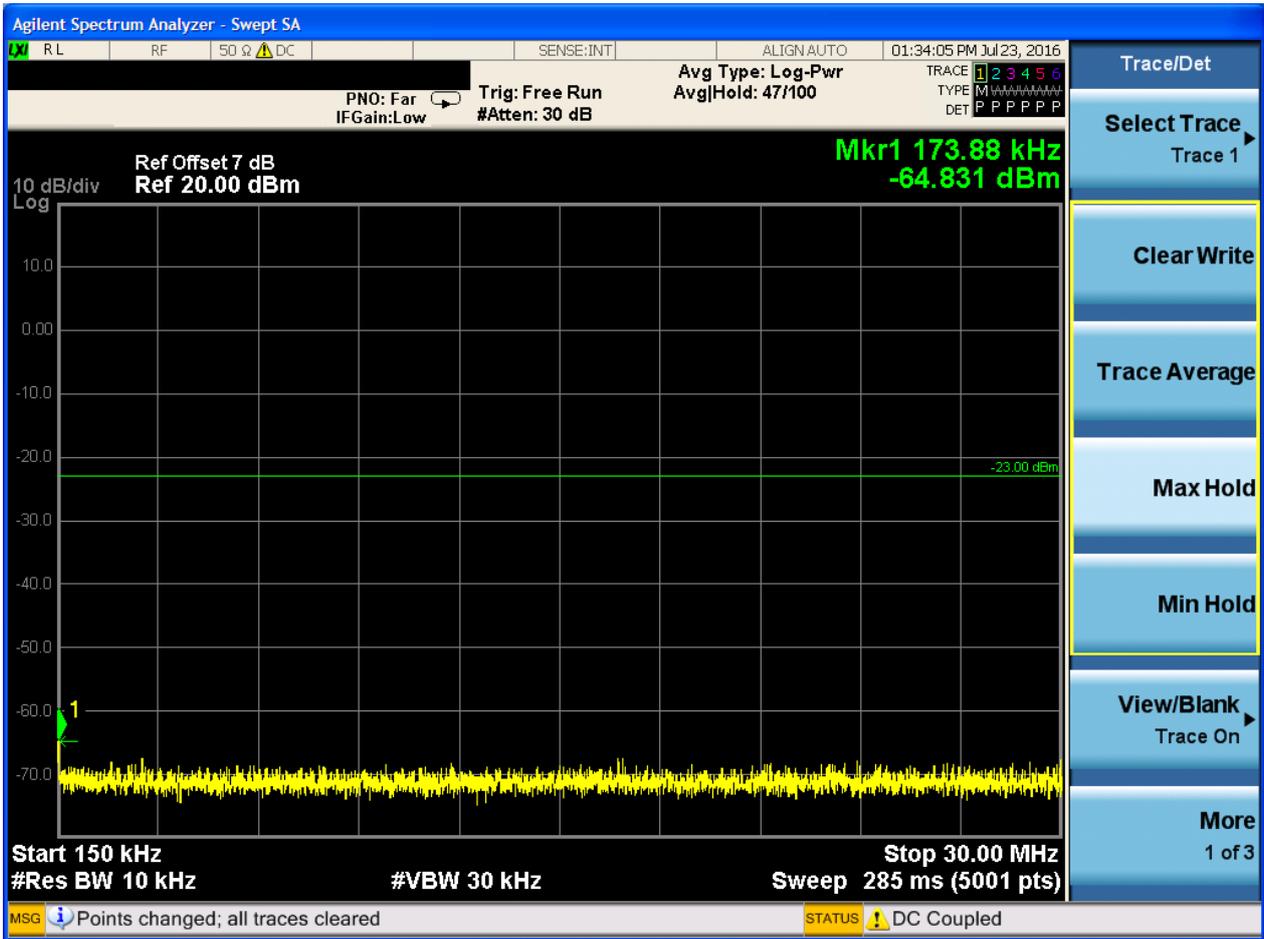


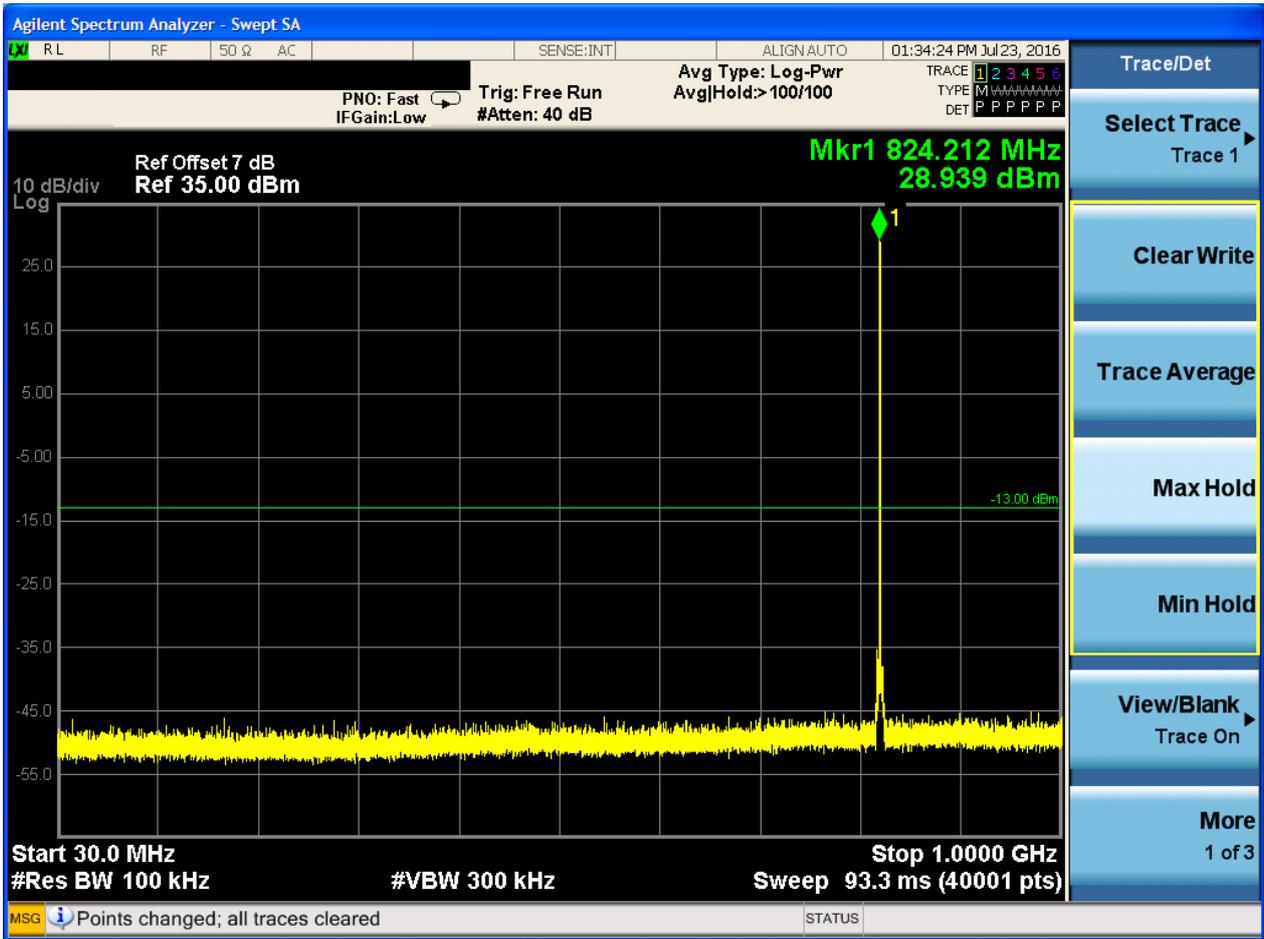


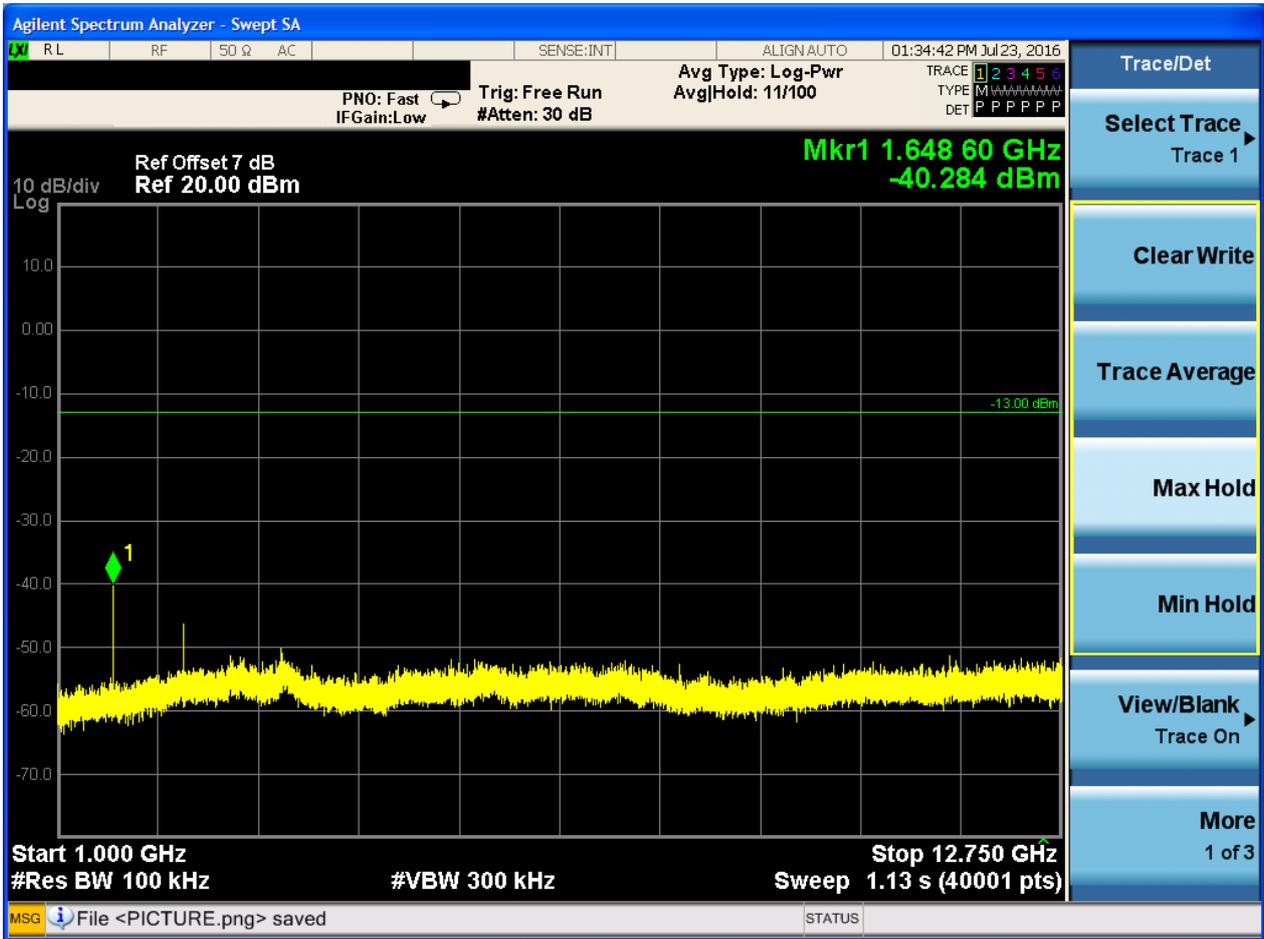
### 6.1.1.2 Test Mode = GSM/TM2

#### 6.1.1.2.1 Test Channel = LCH



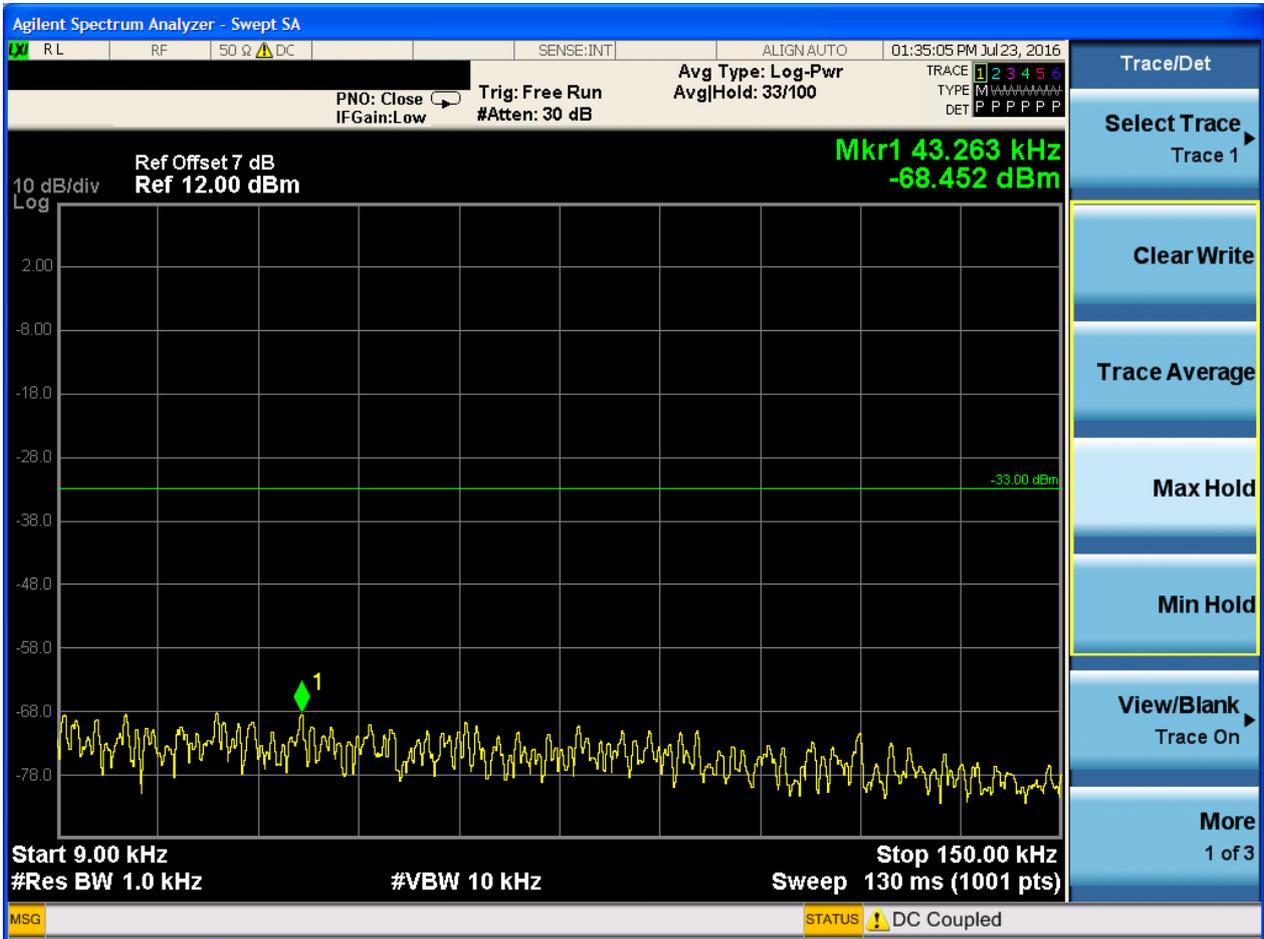


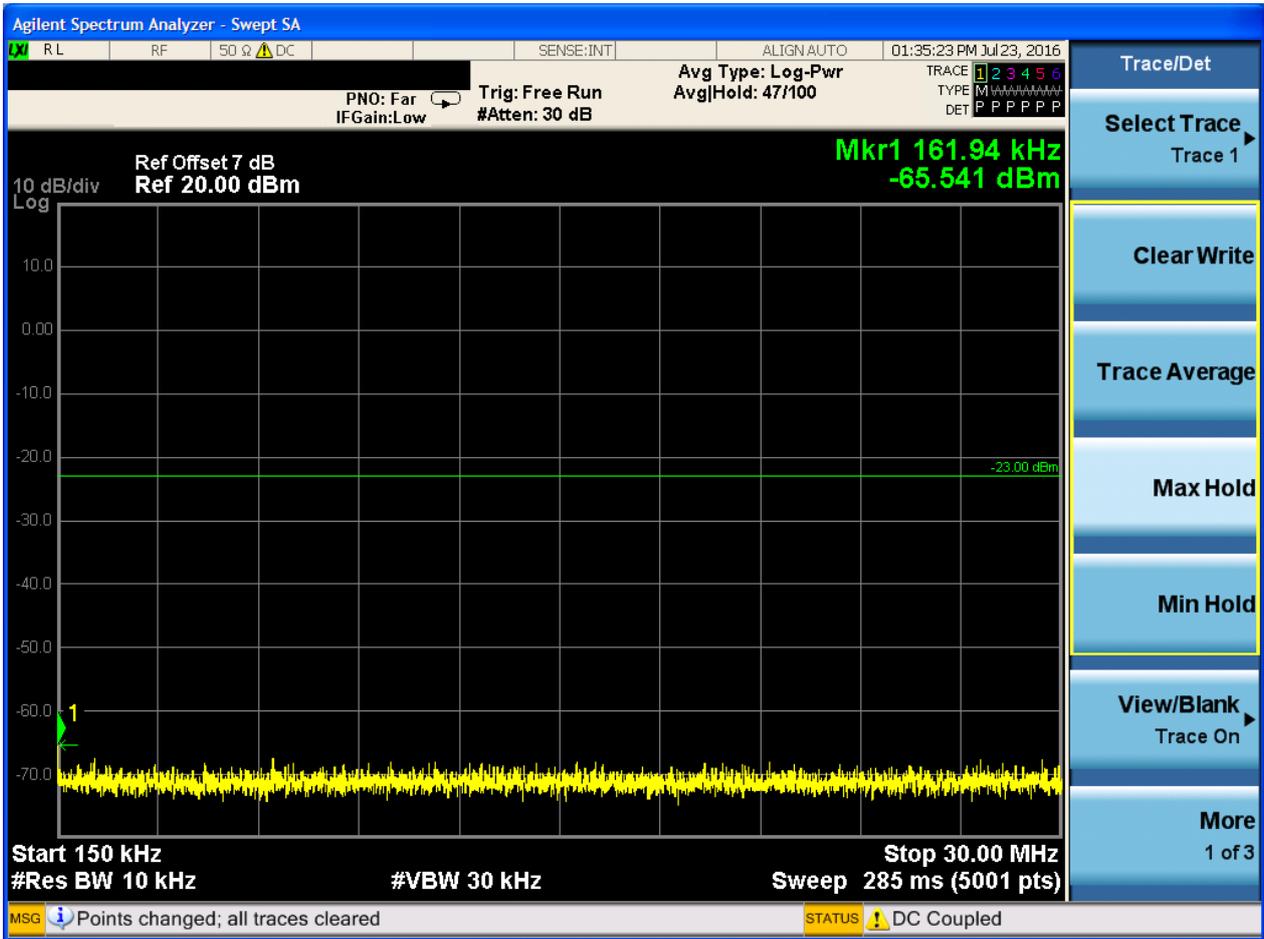


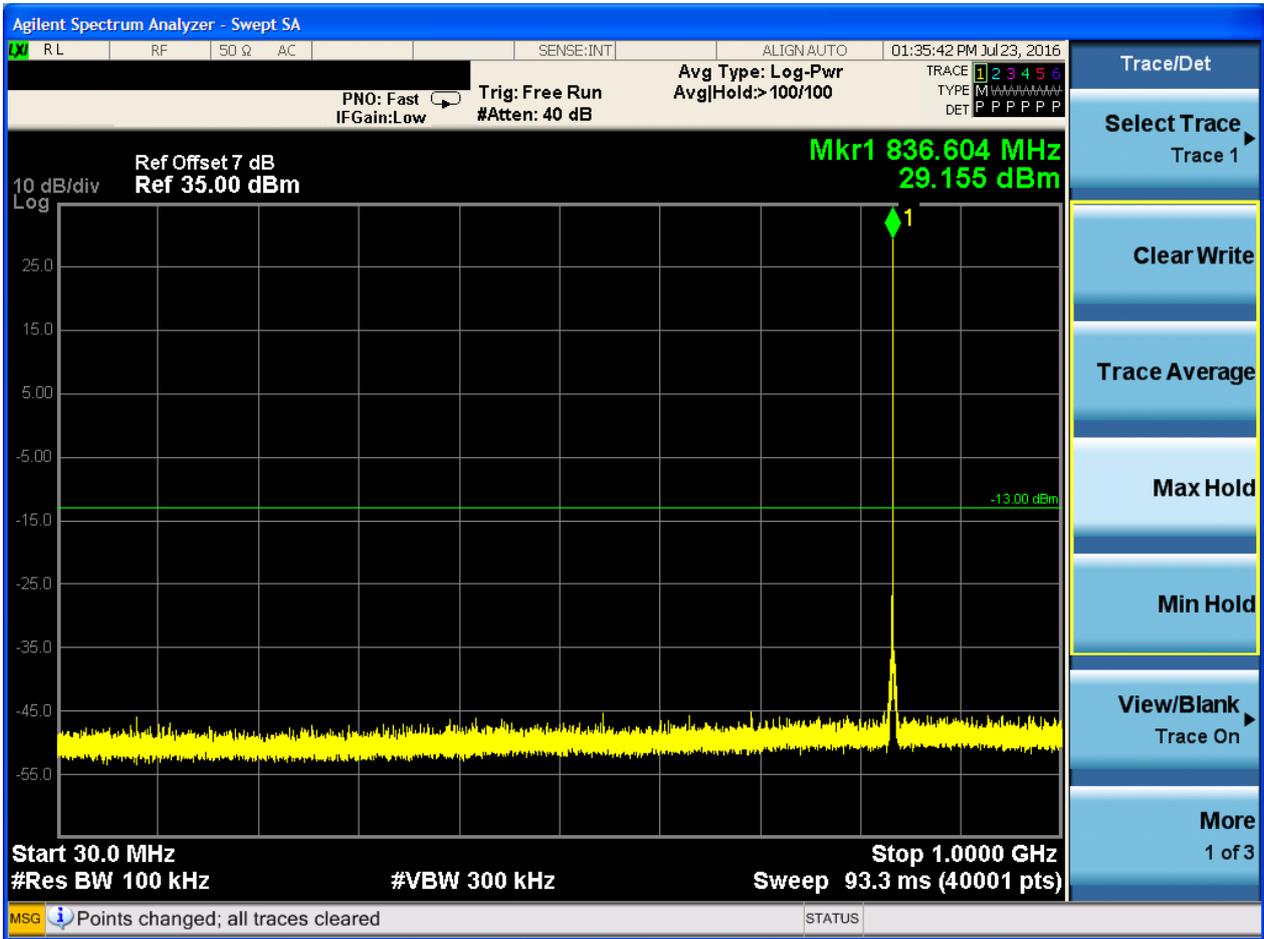


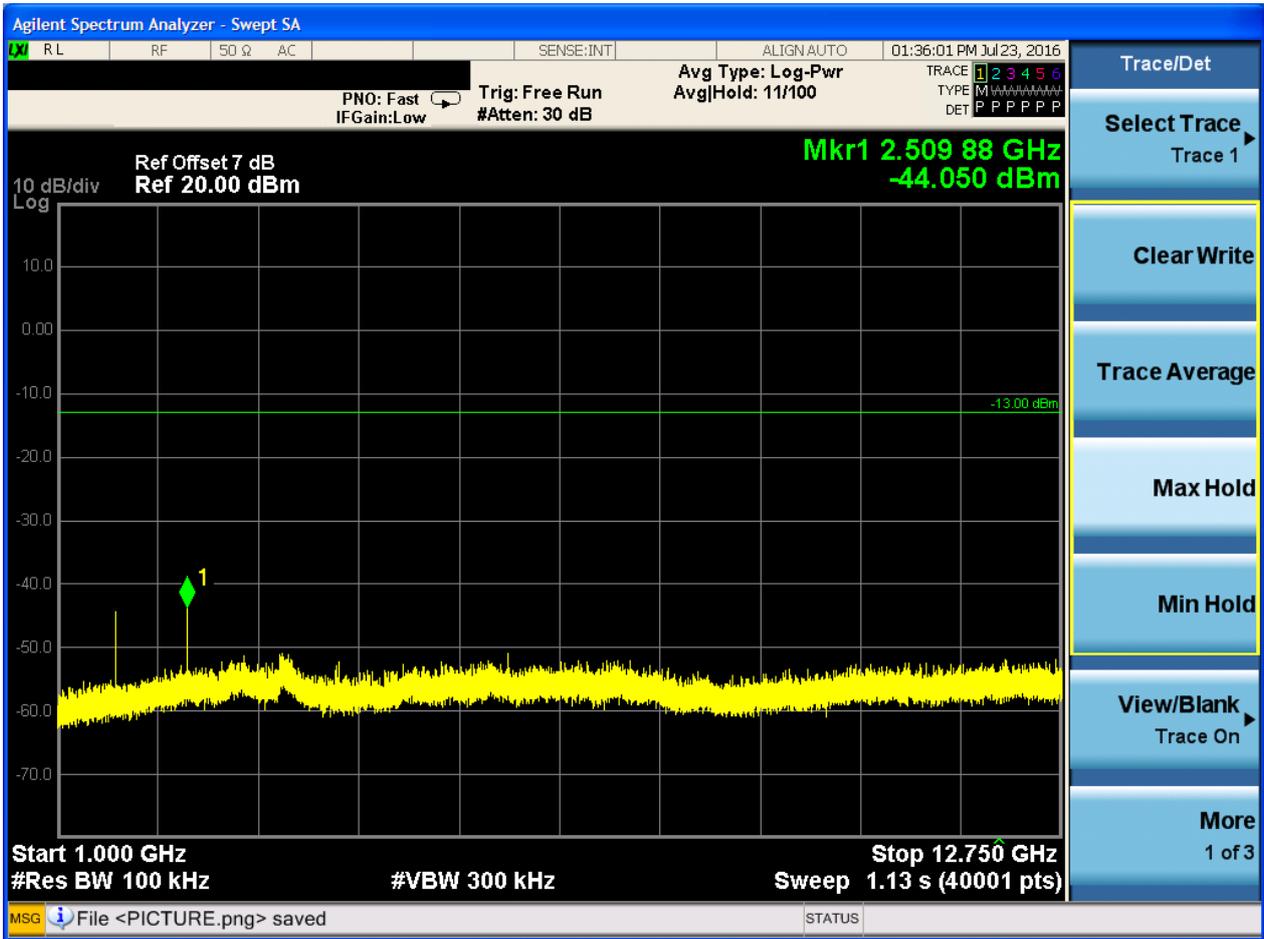


### 6.1.1.2.2 Test Channel = MCH



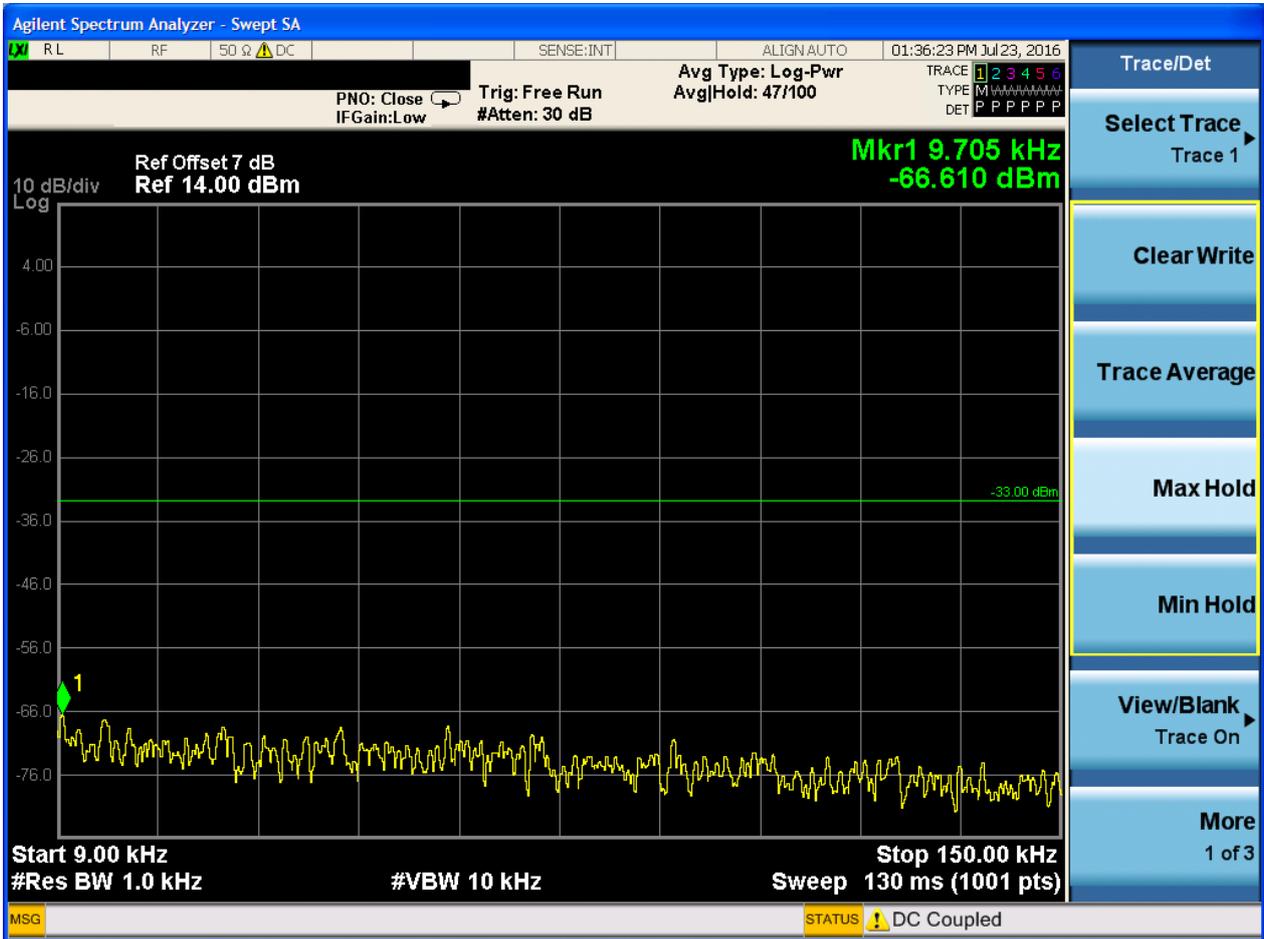


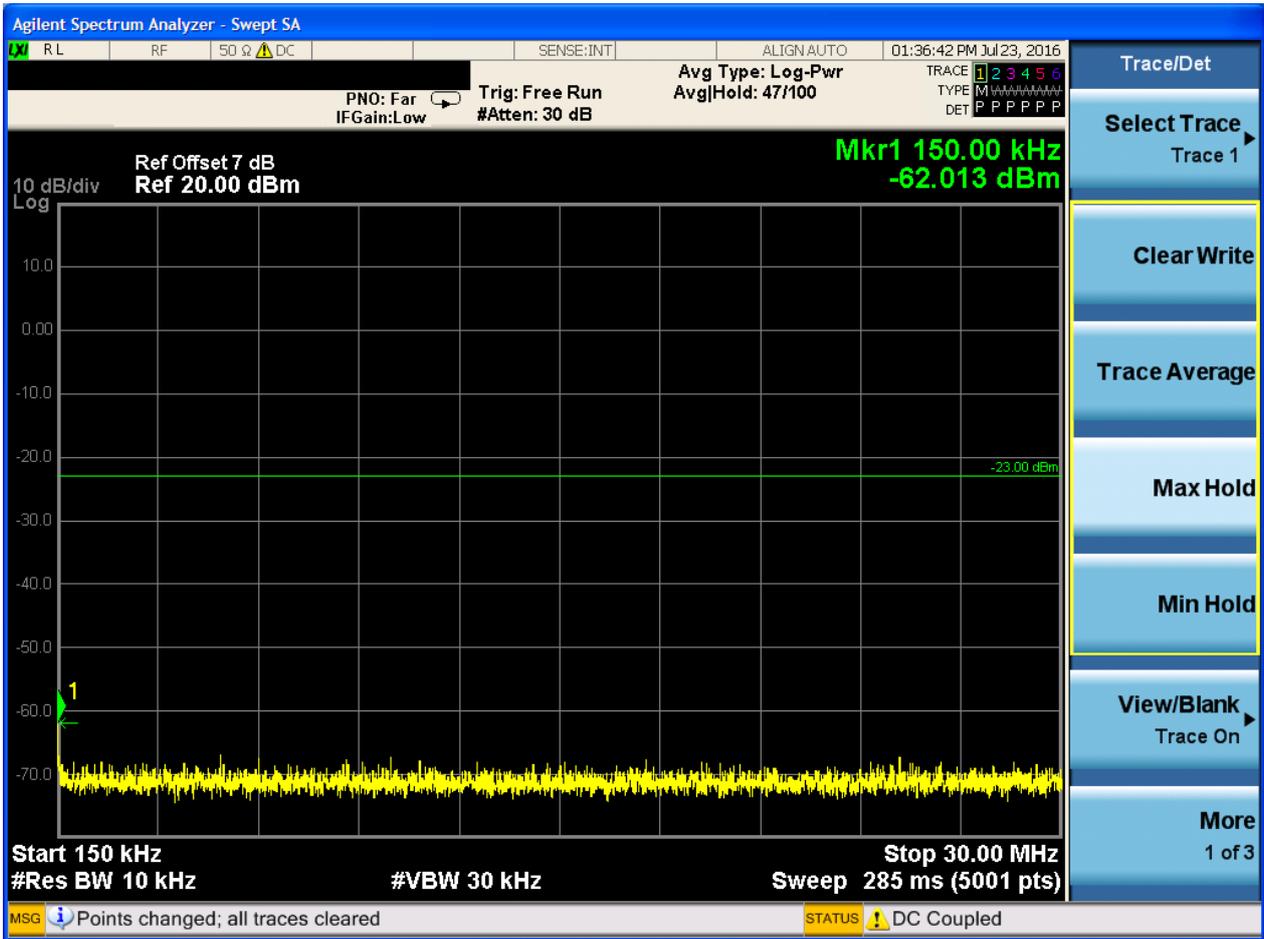


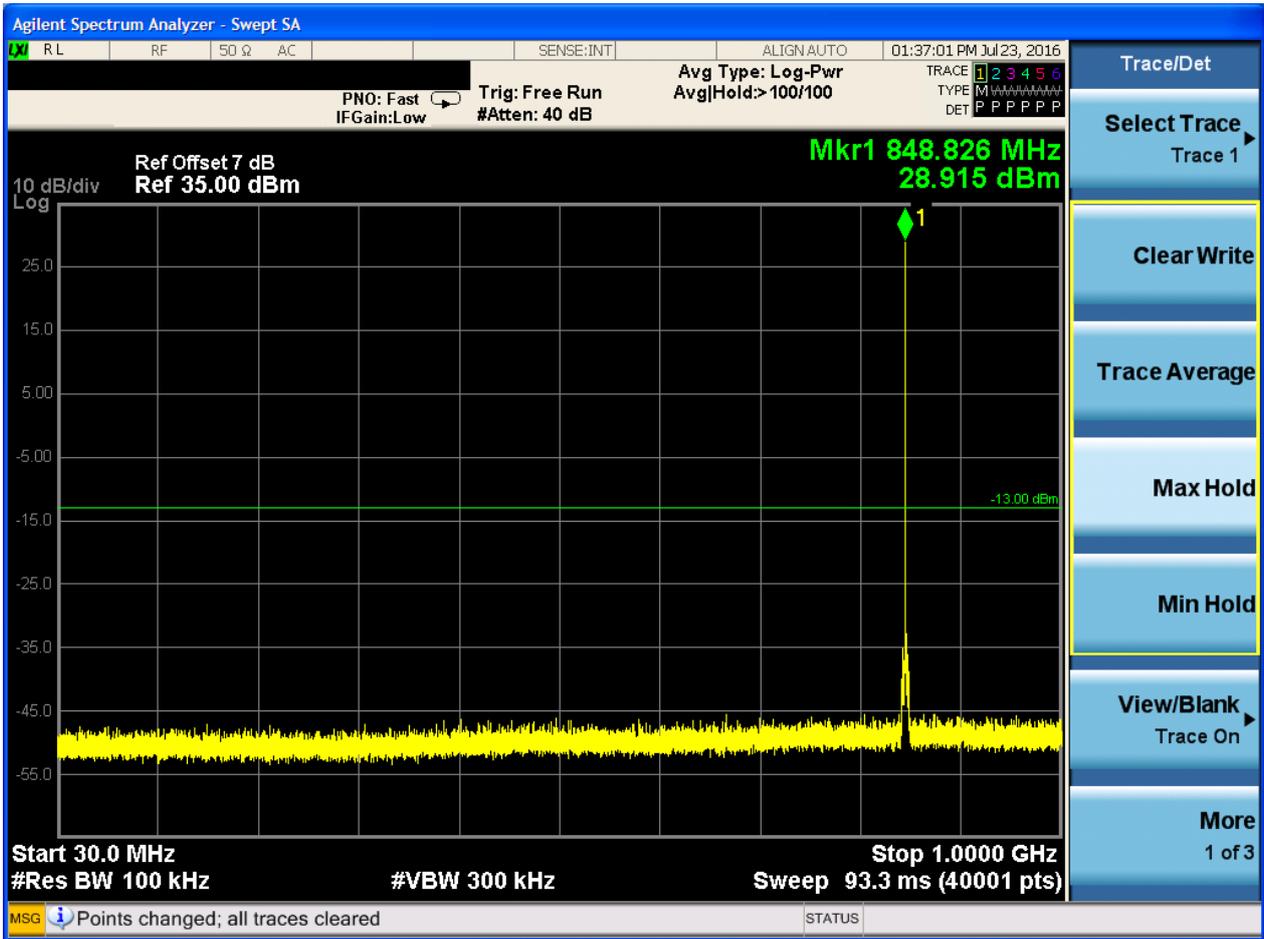


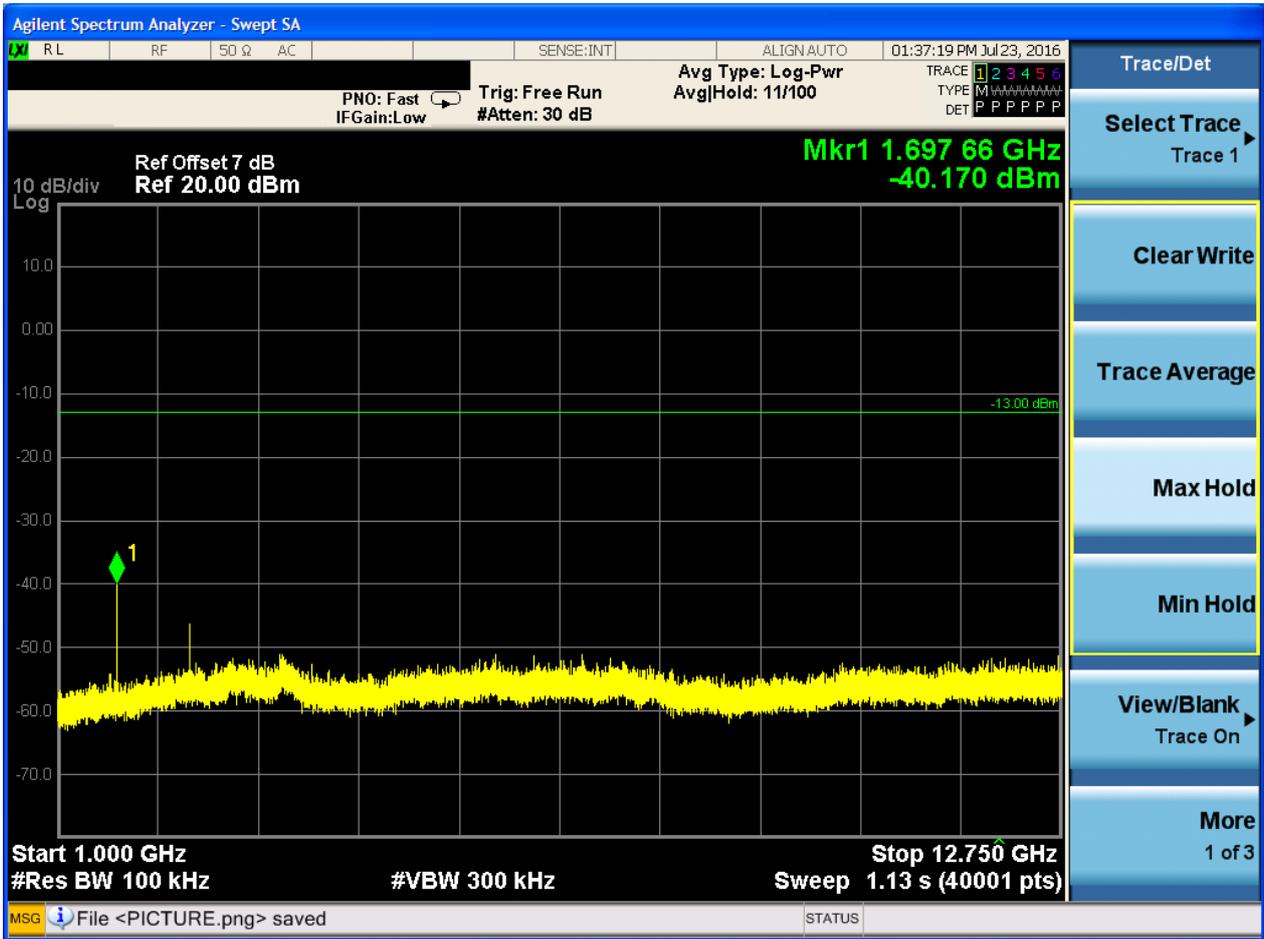


### 6.1.1.2.3 Test Channel = HCH







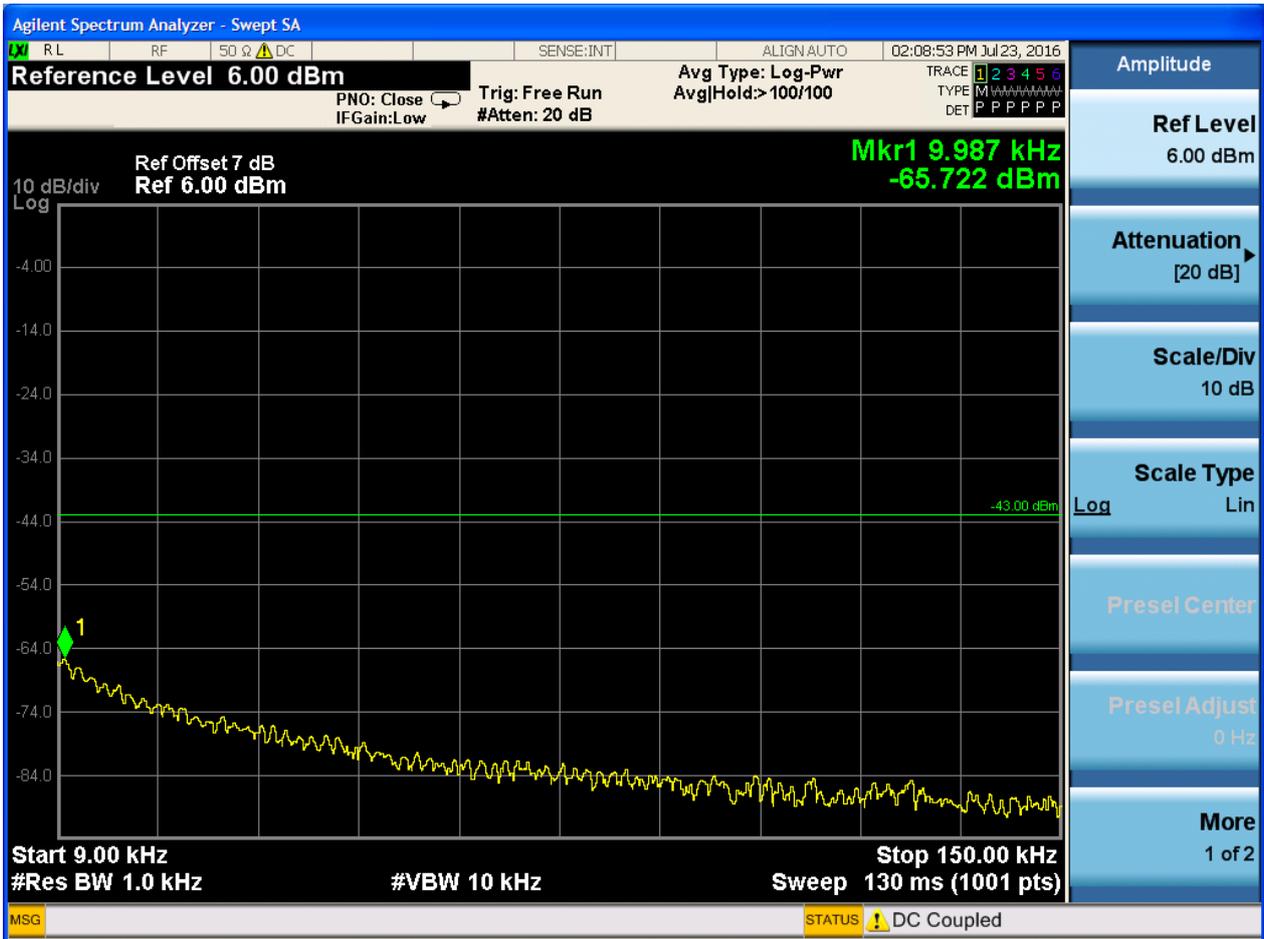


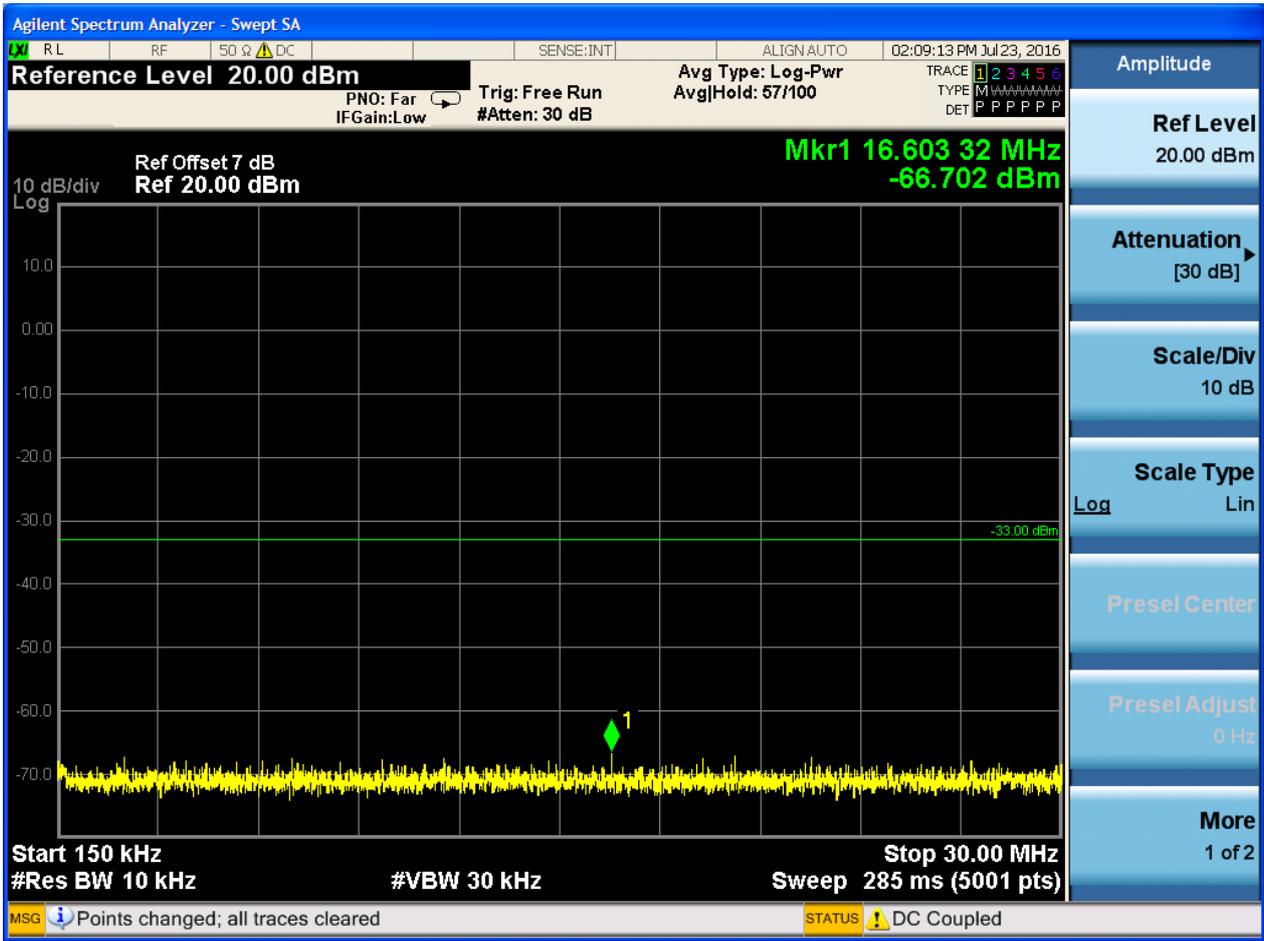


6.1.2 Test Band = GSM1900

6.1.2.1 Test Mode = GSM/TM1

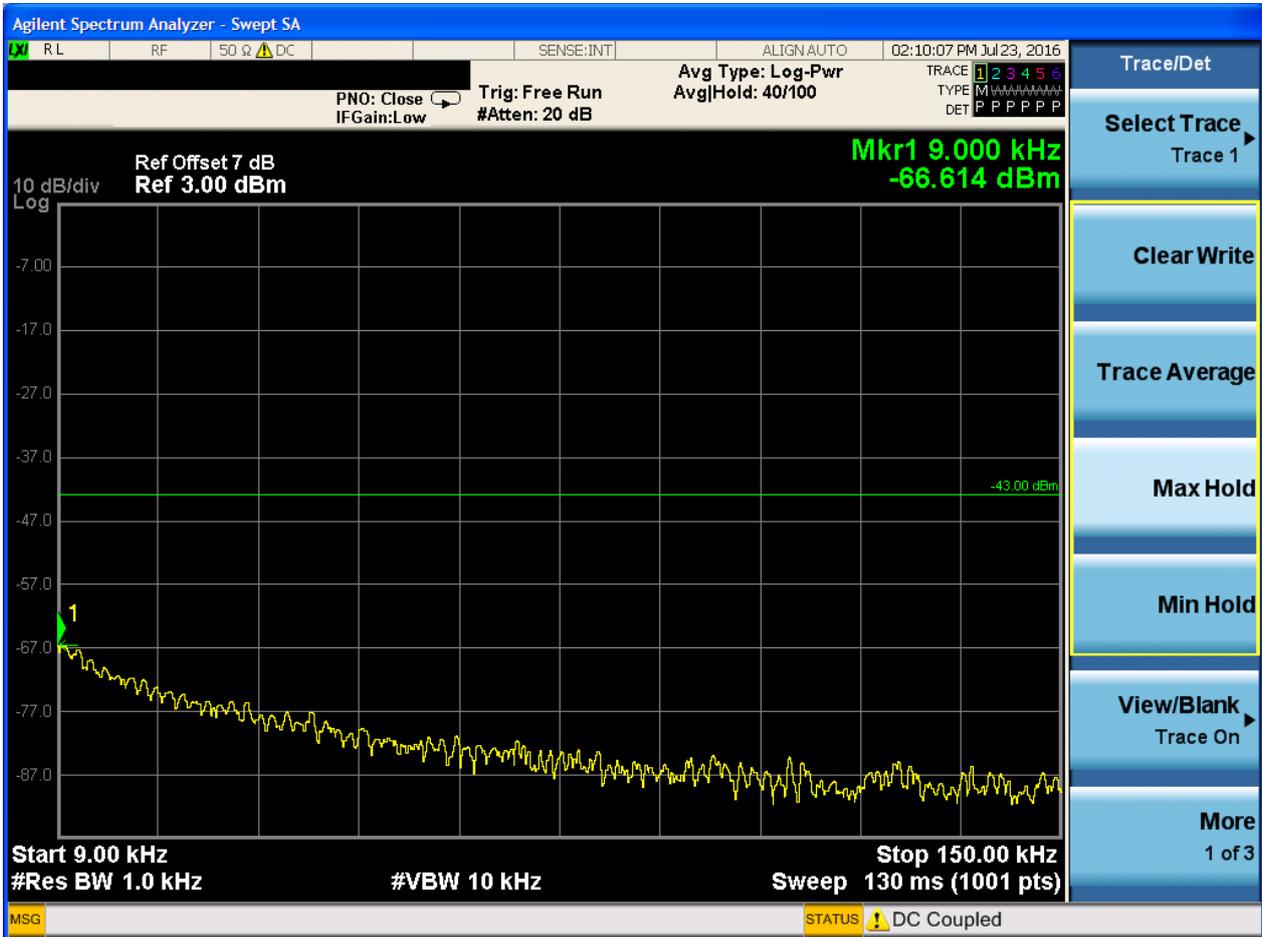
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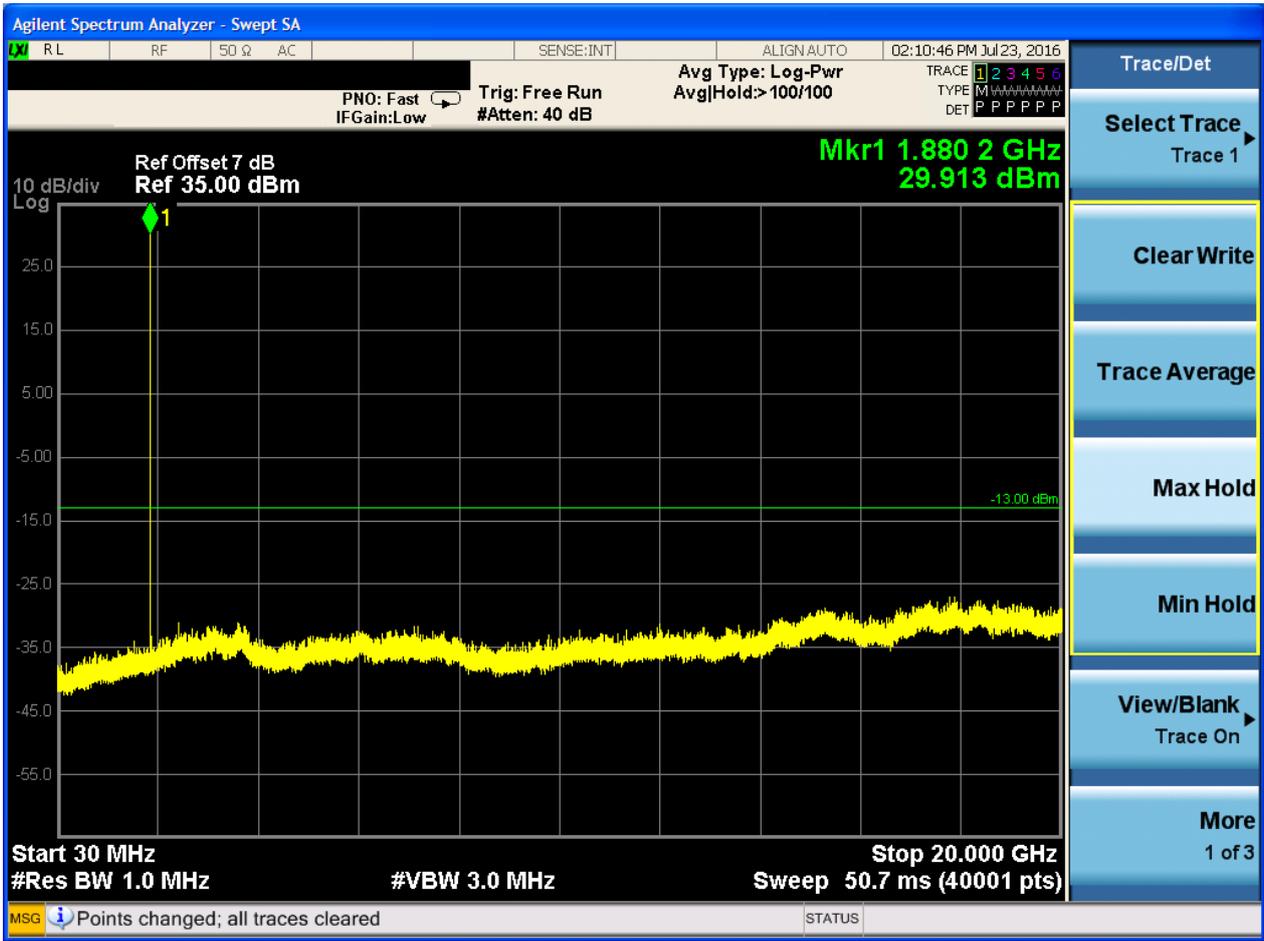




## 6.1.2.1.2 Test Channel = MCH

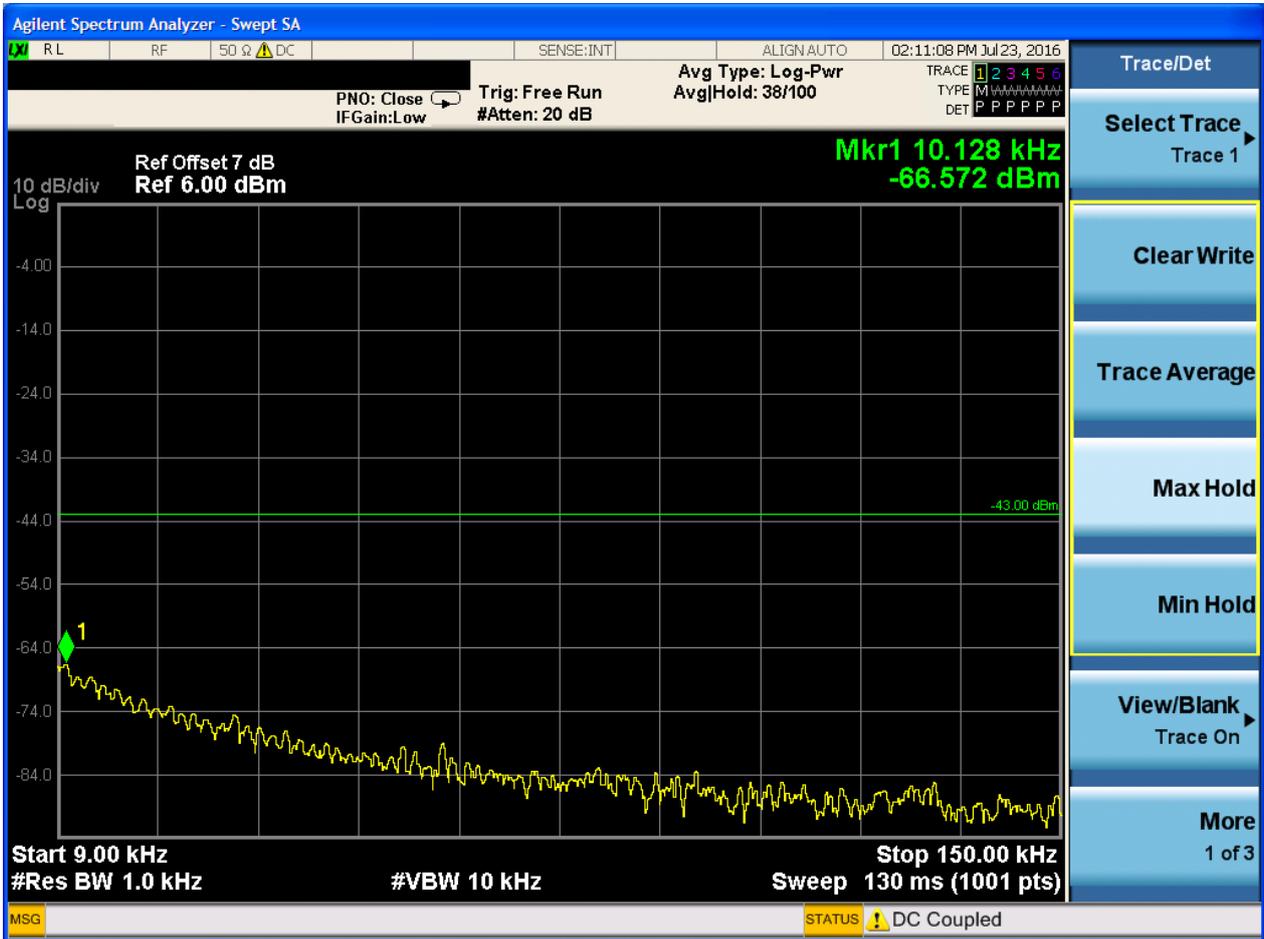


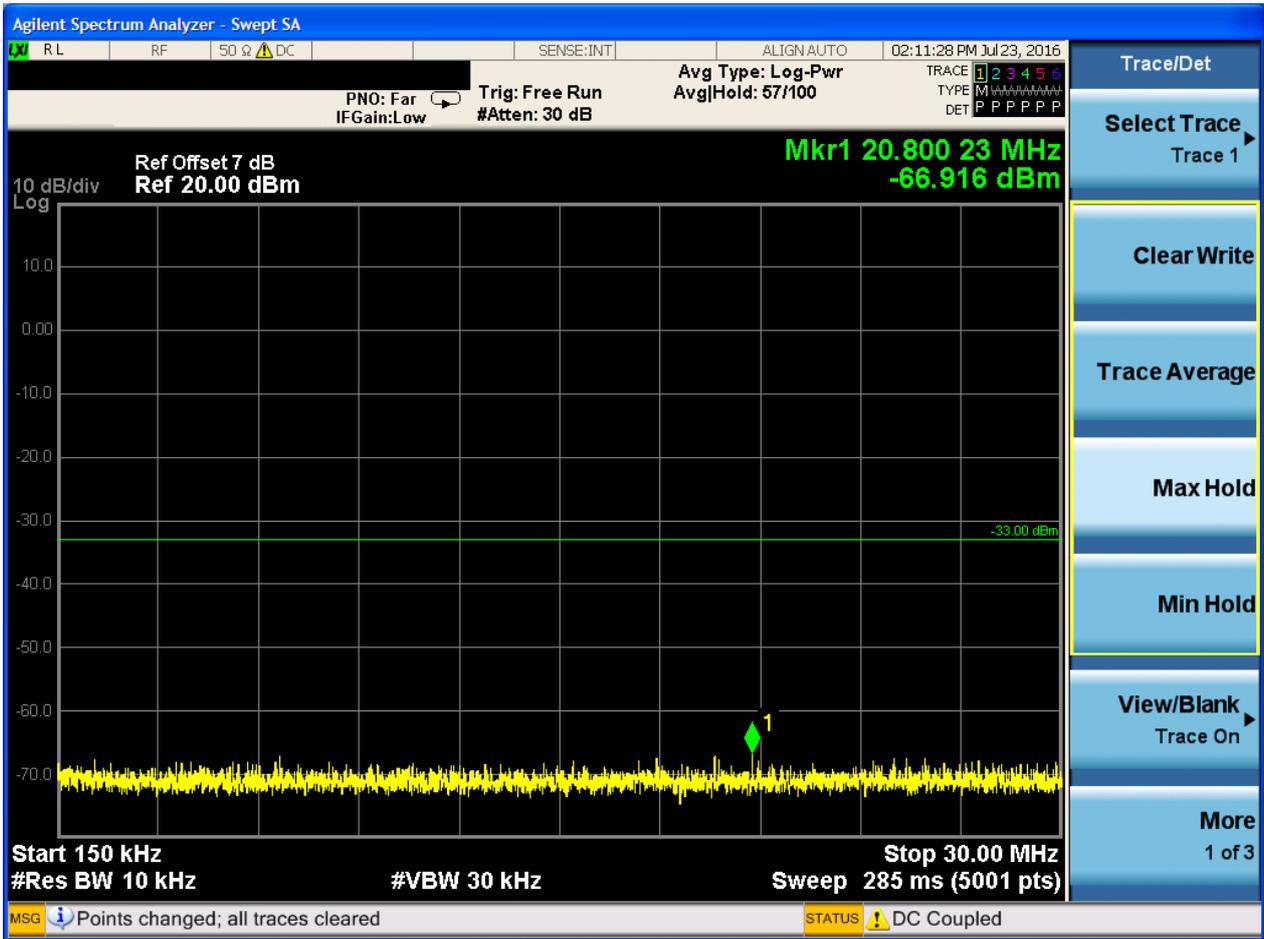






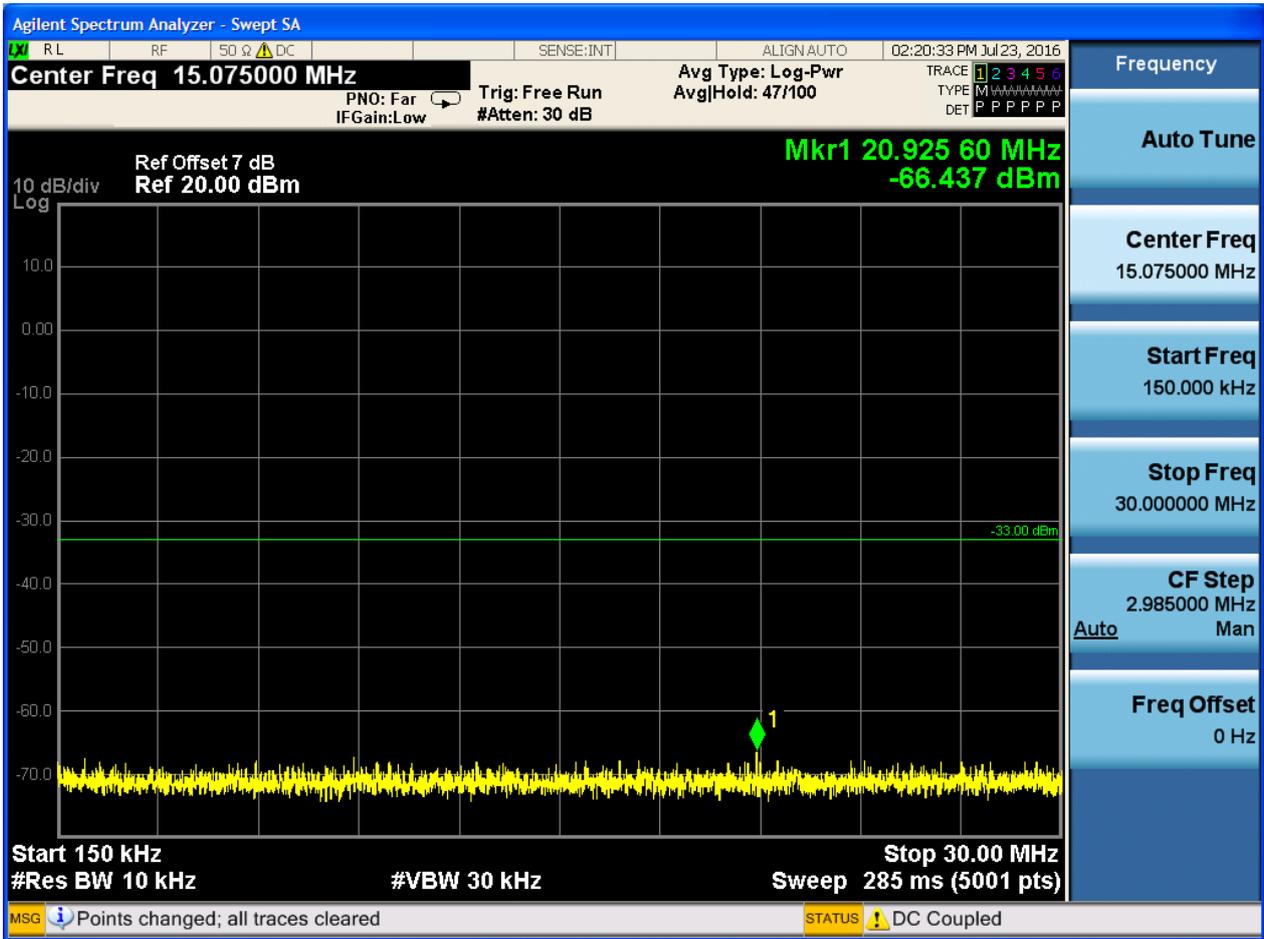
### 6.1.2.1.3 Test Channel = HCH

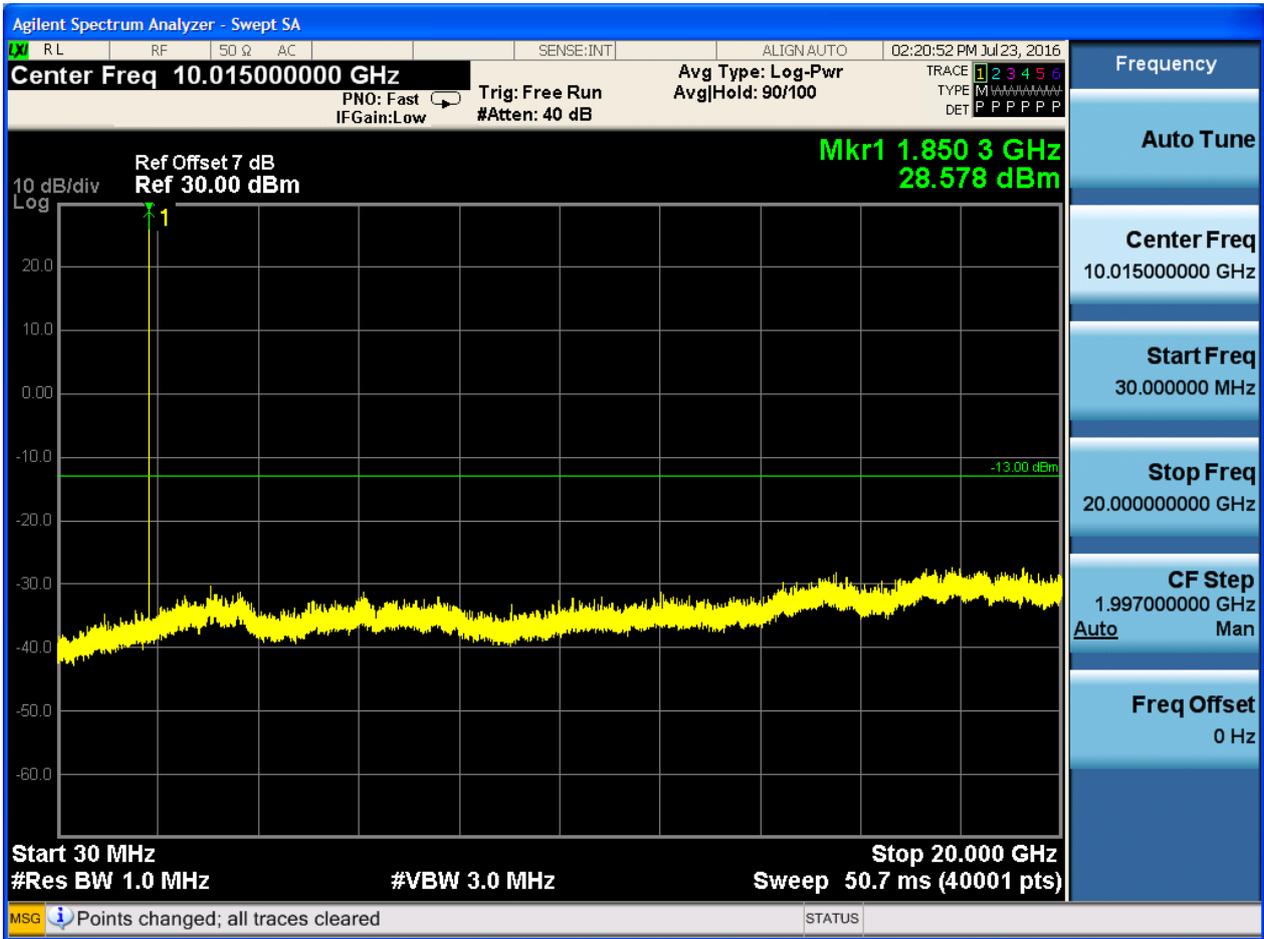




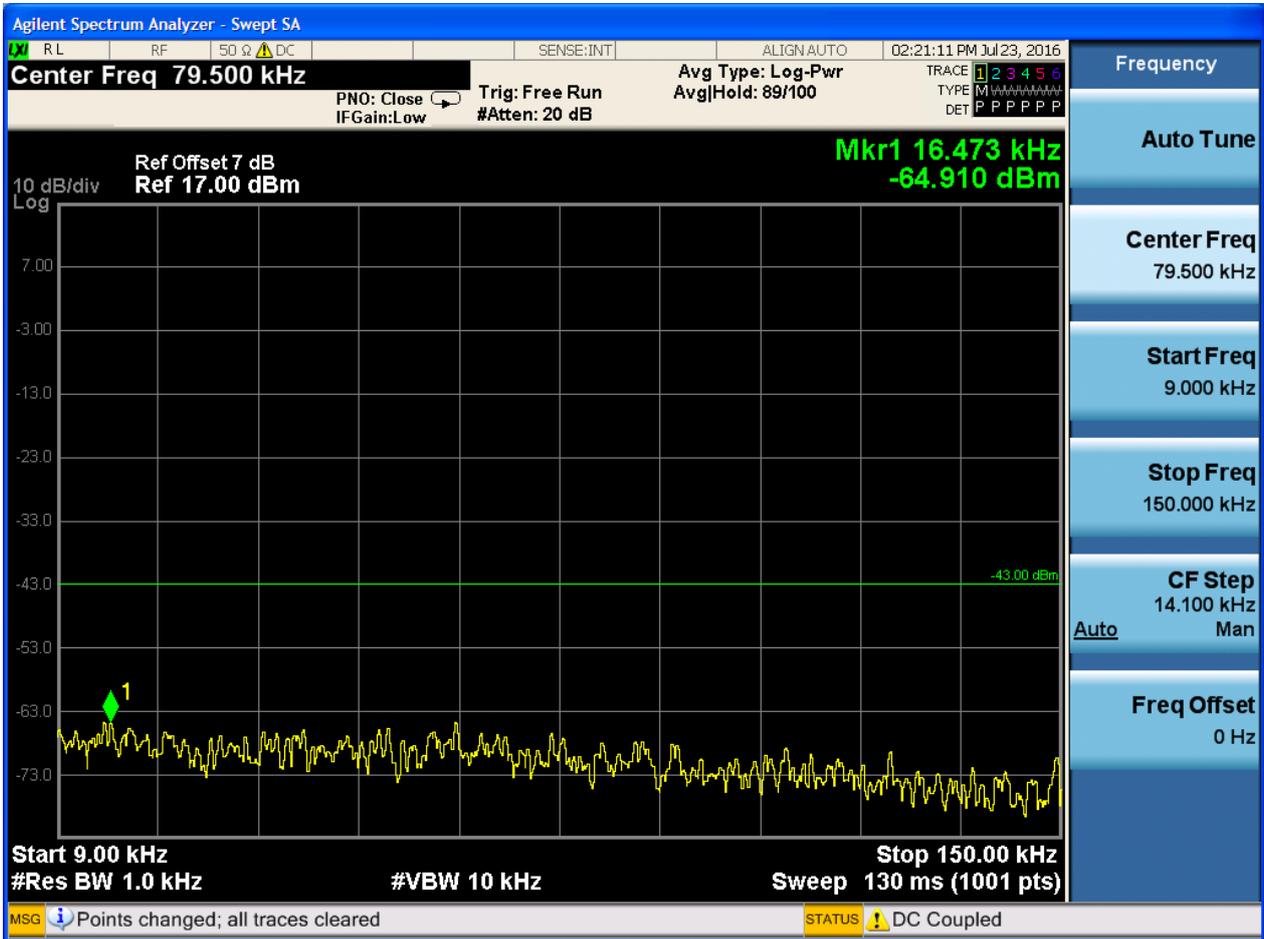


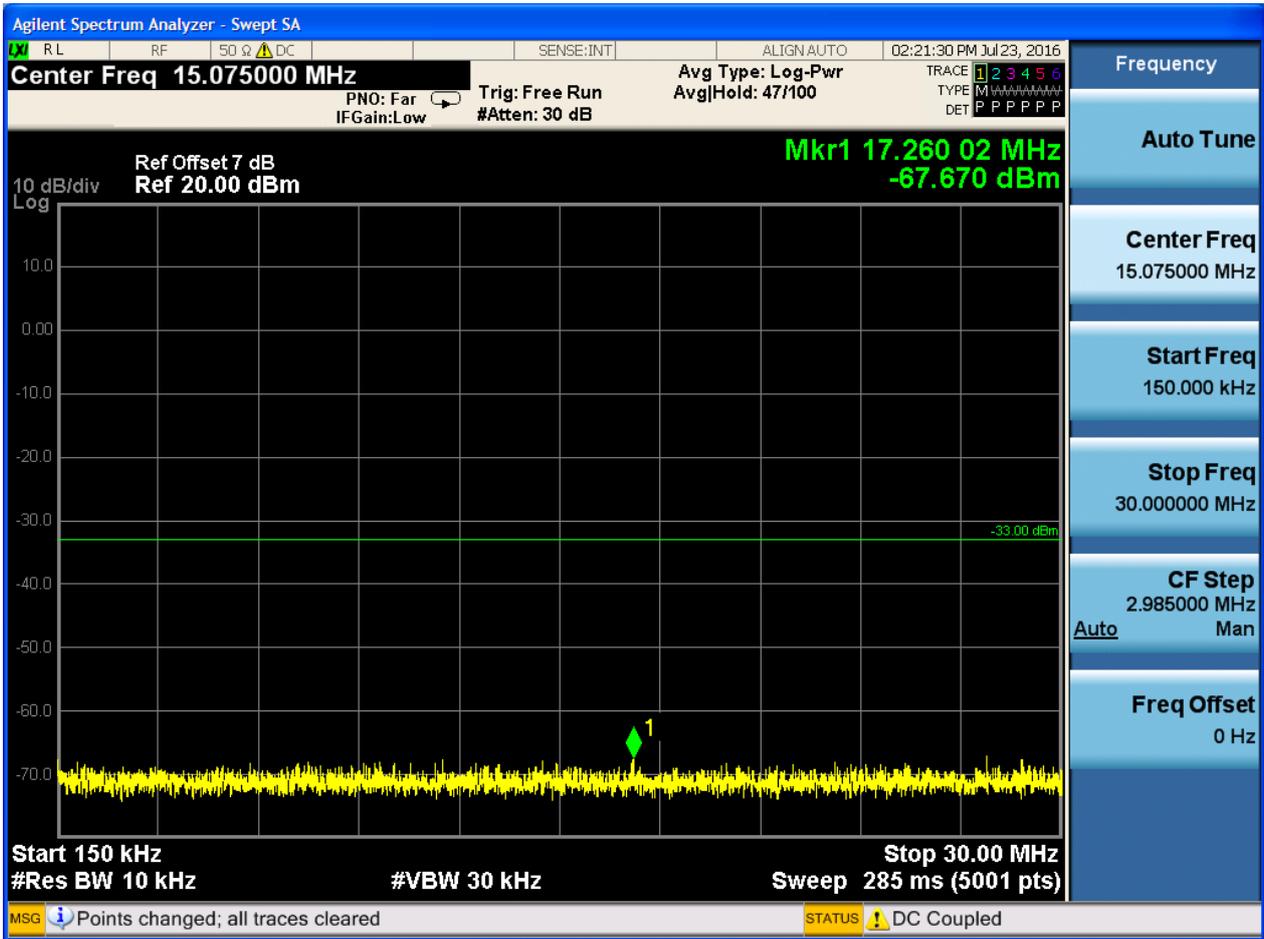


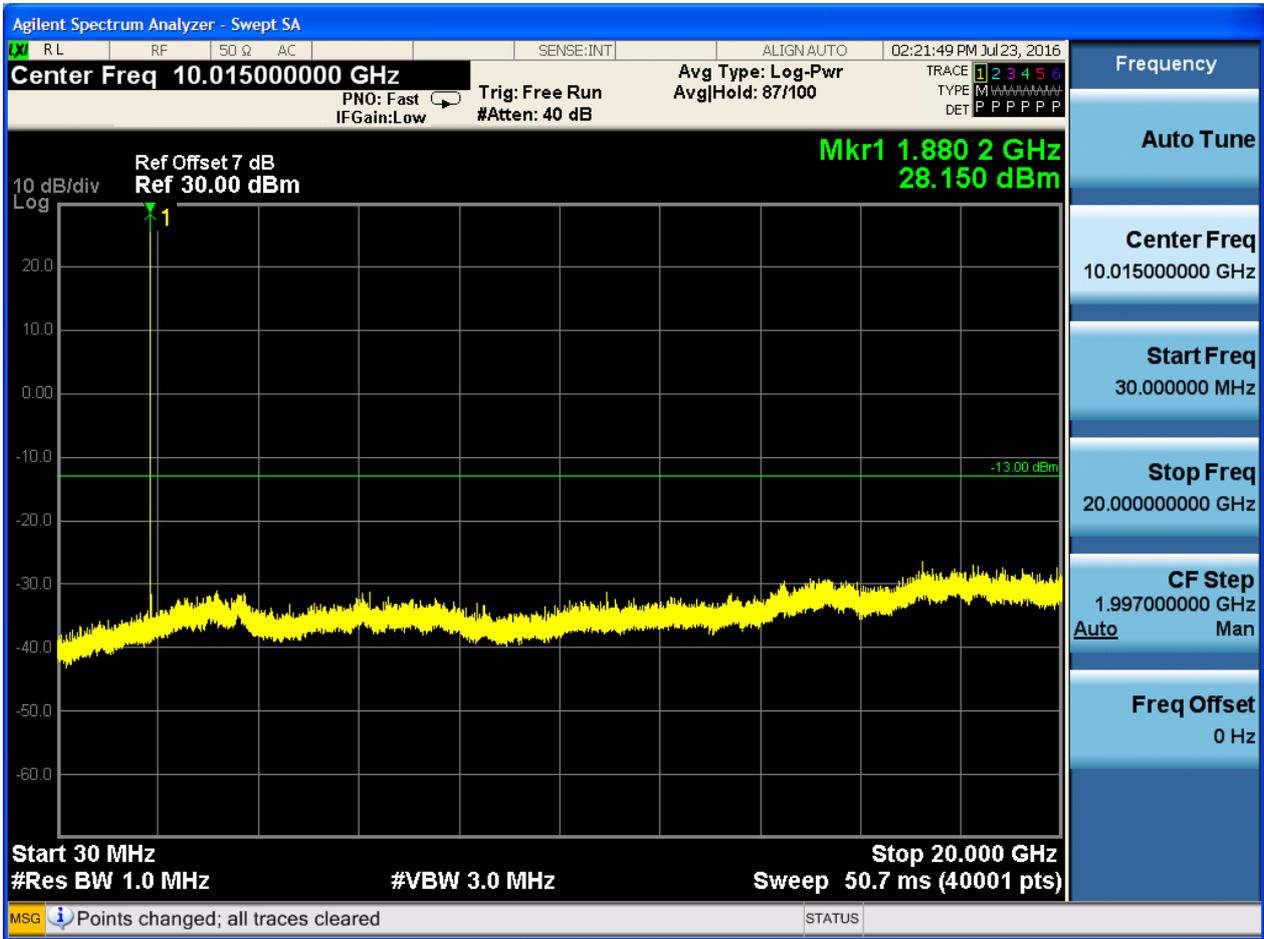




6.1.2.2.2 Test Channel = MCH

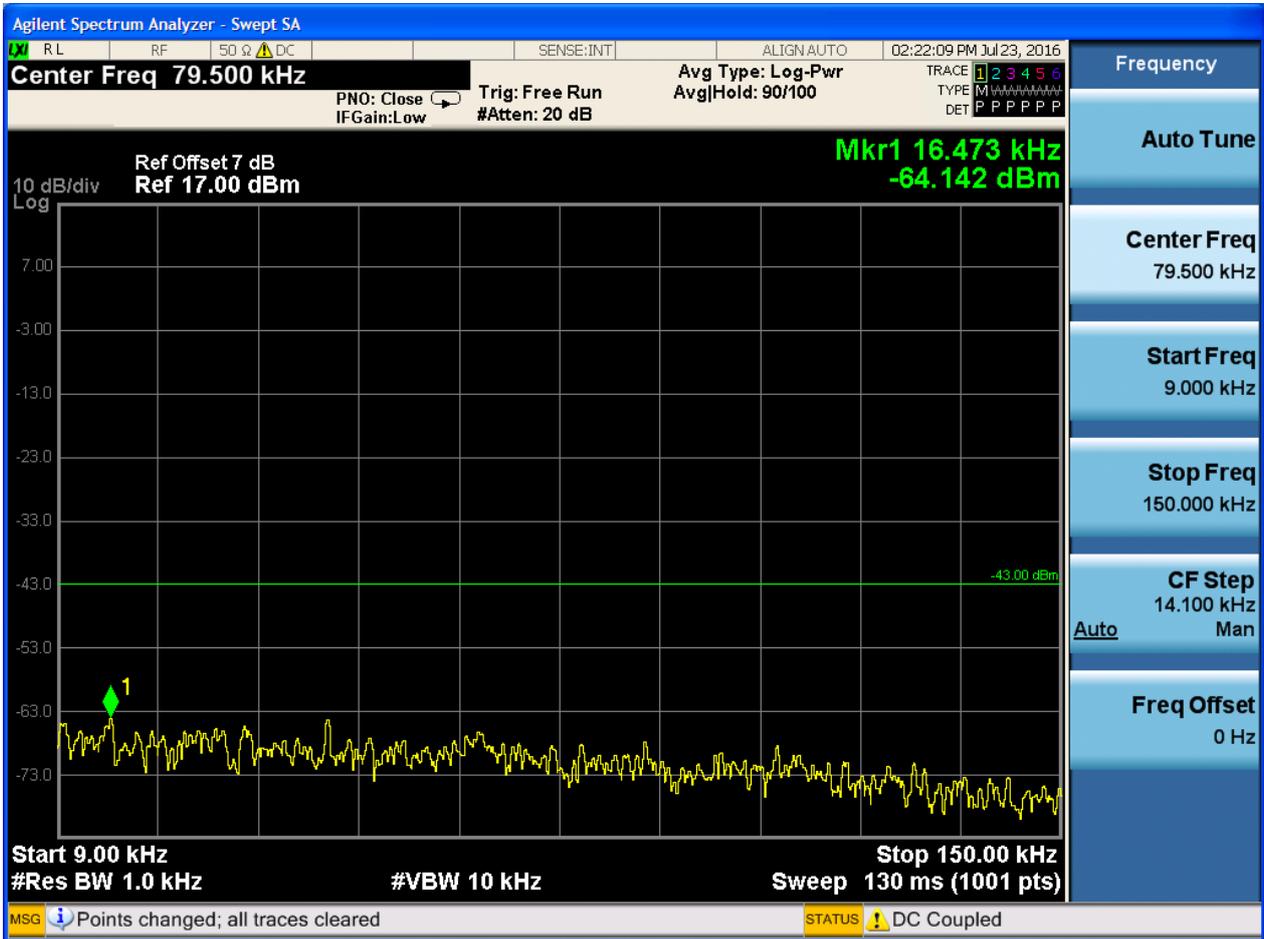


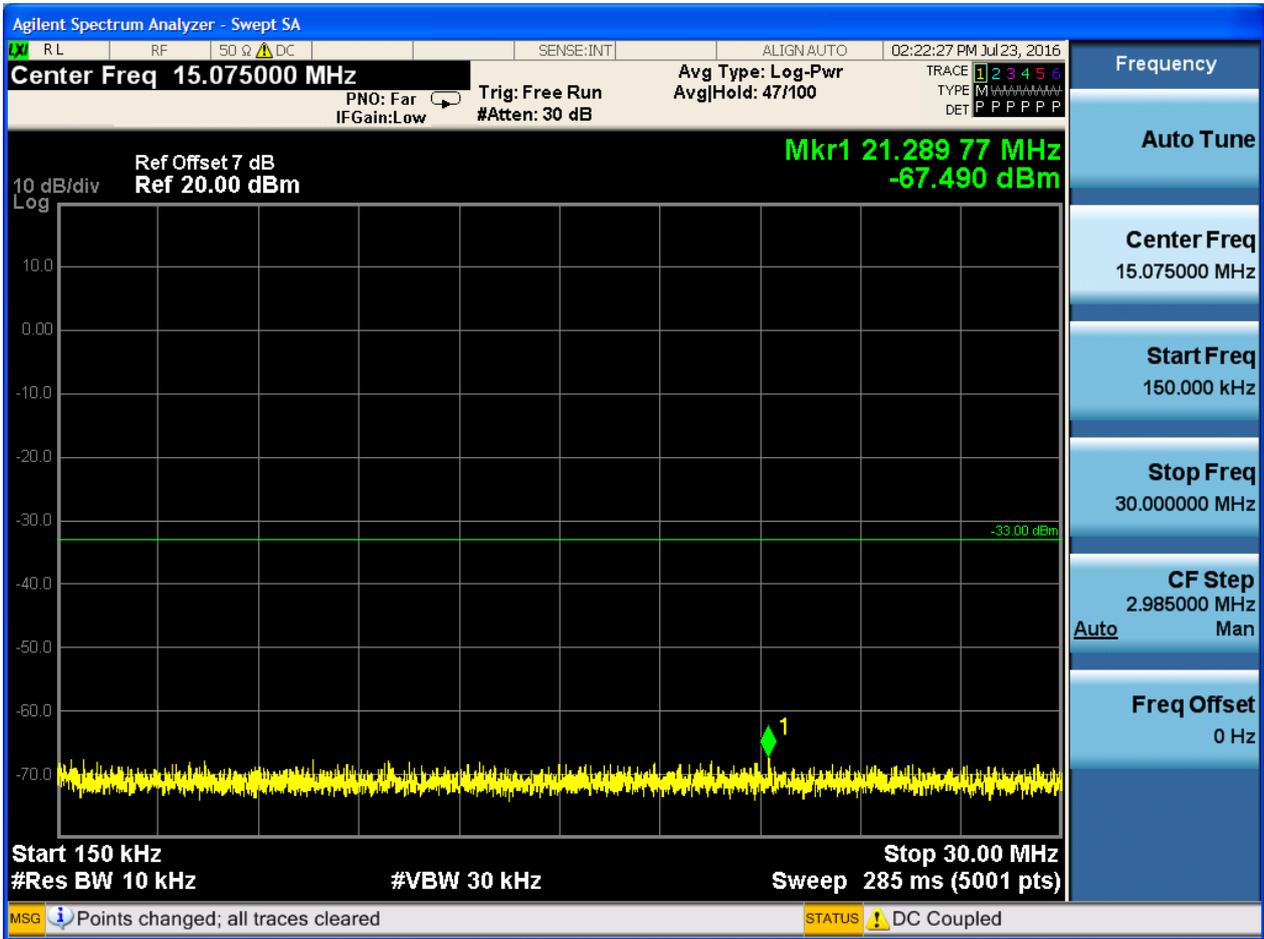






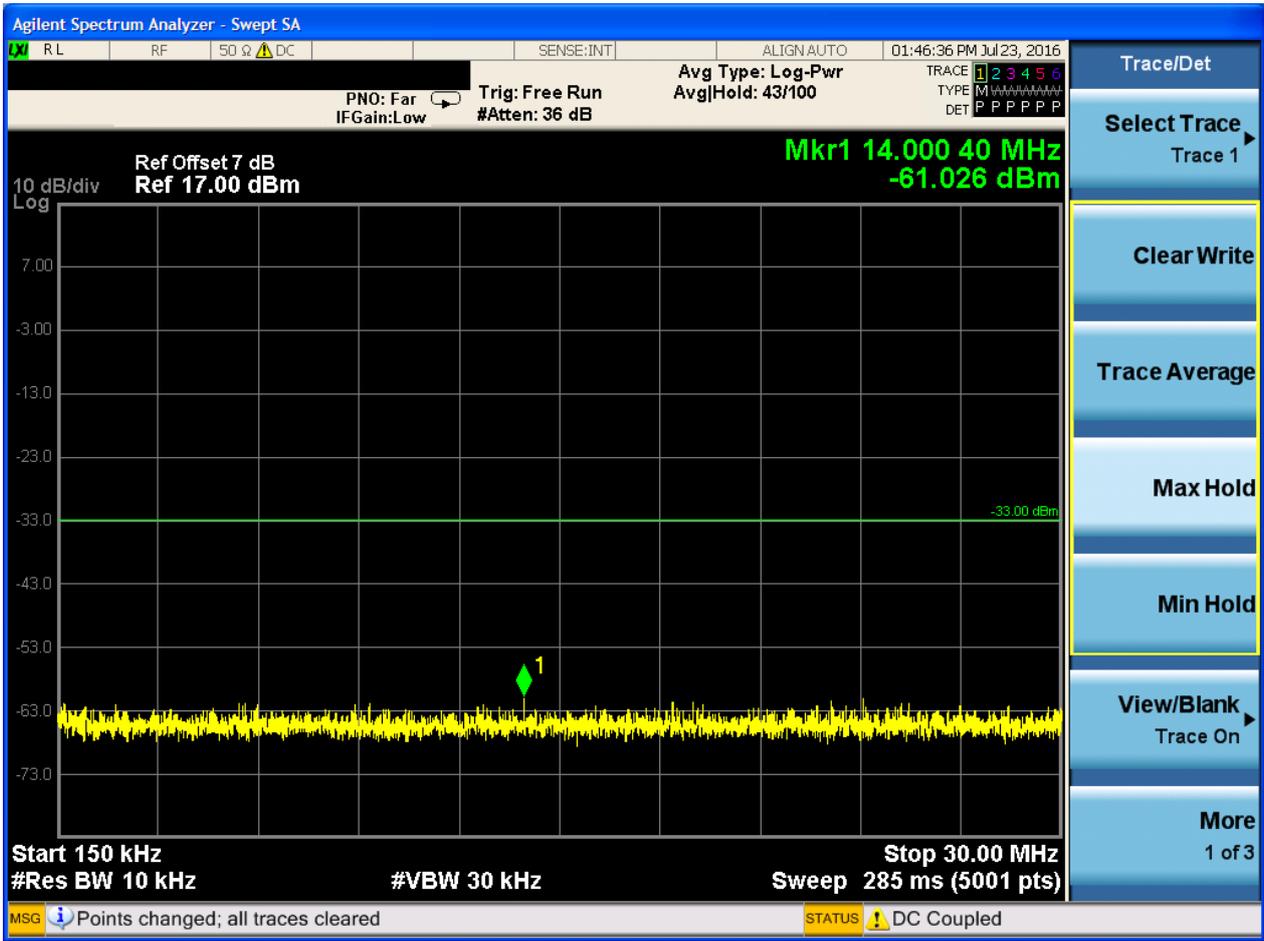
6.1.2.2.3 Test Channel = HCH

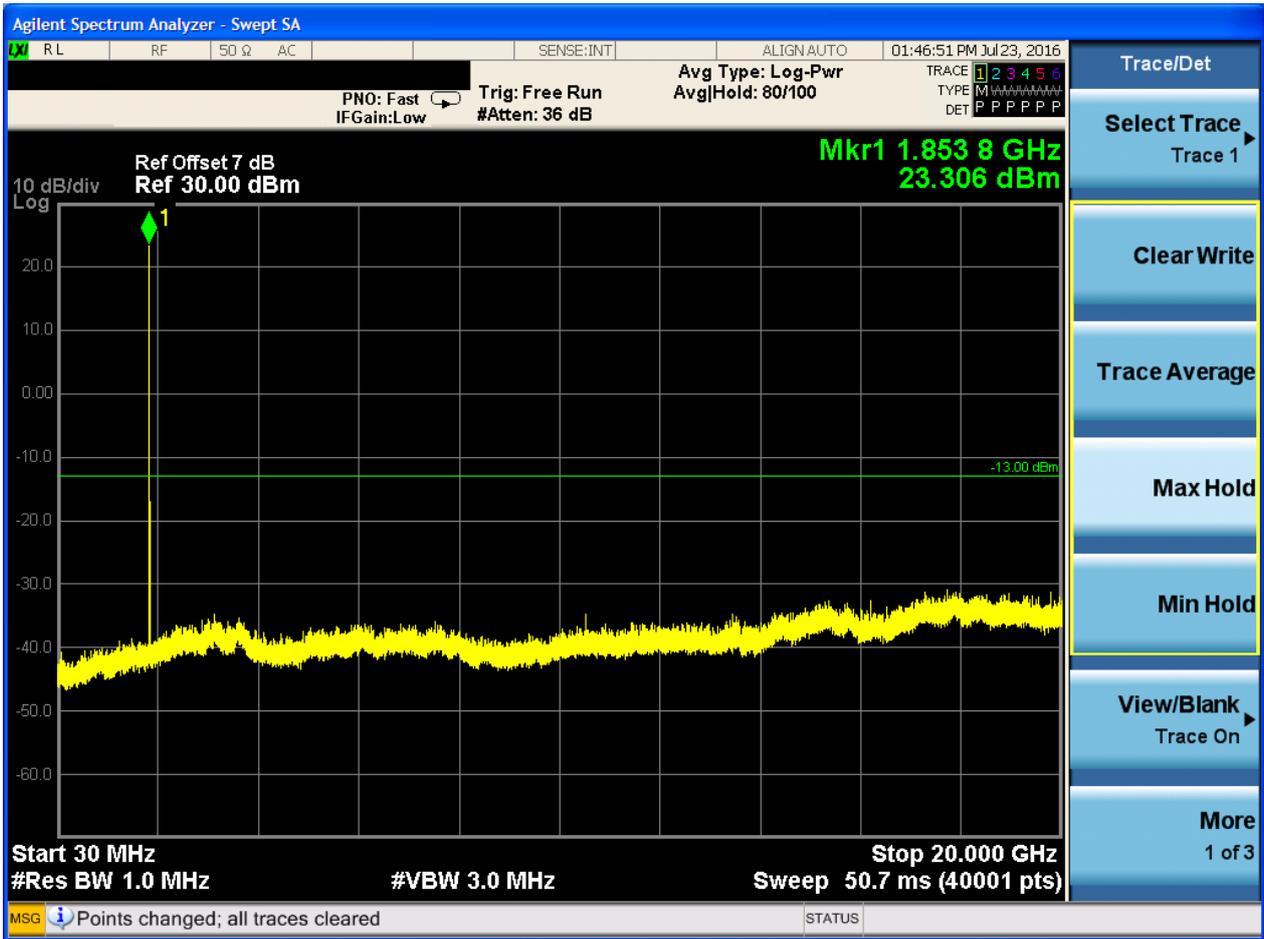






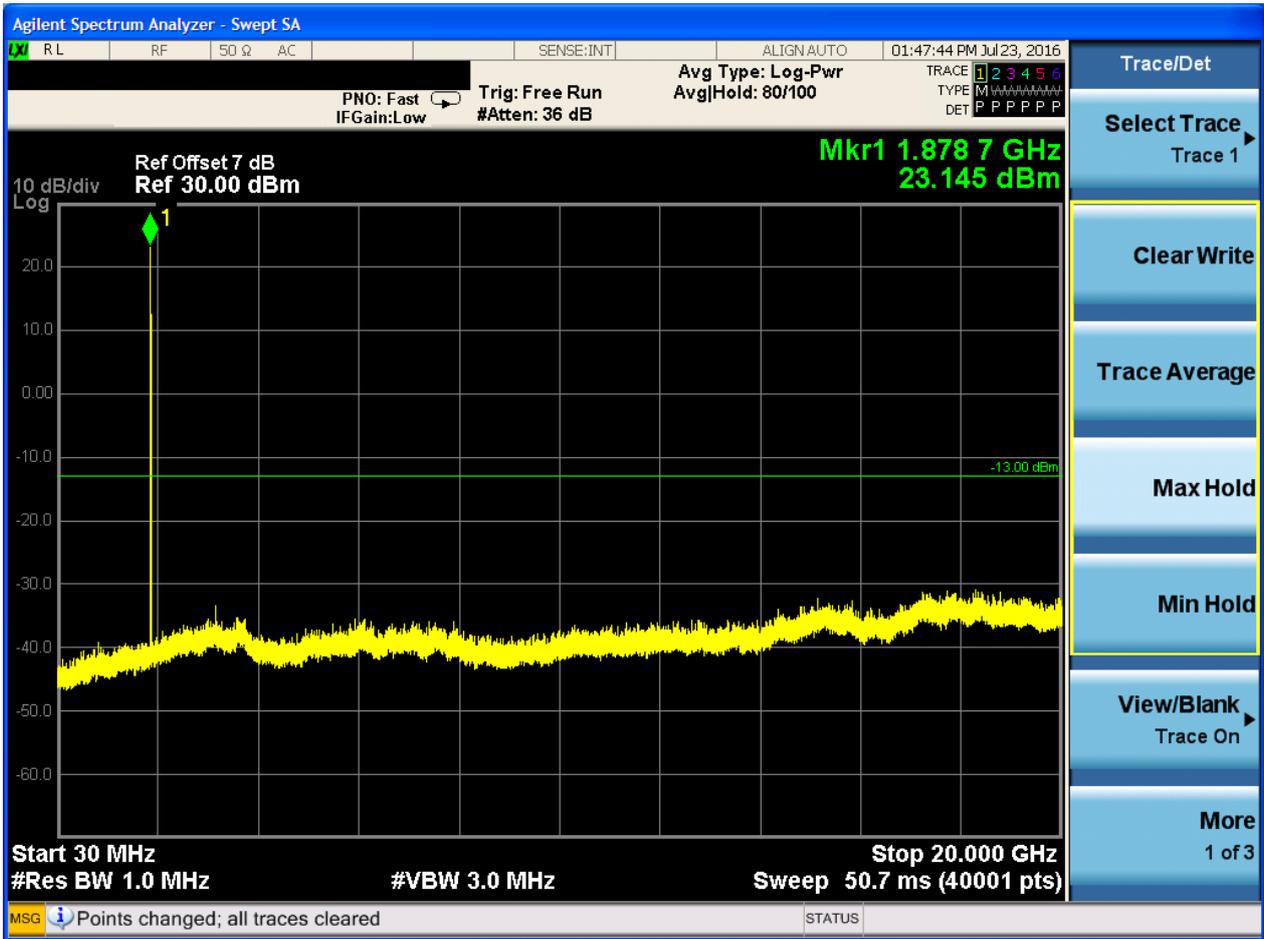






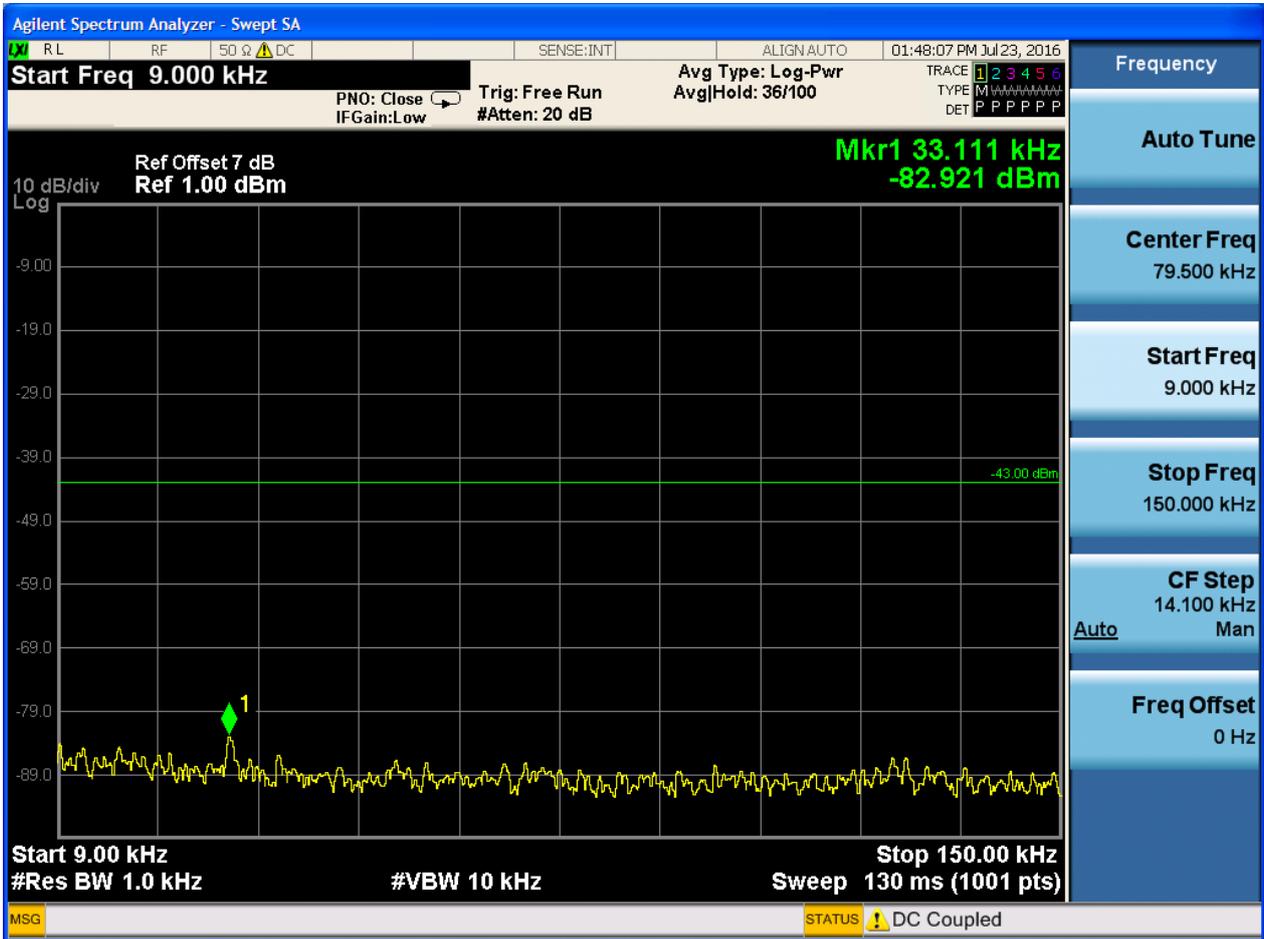




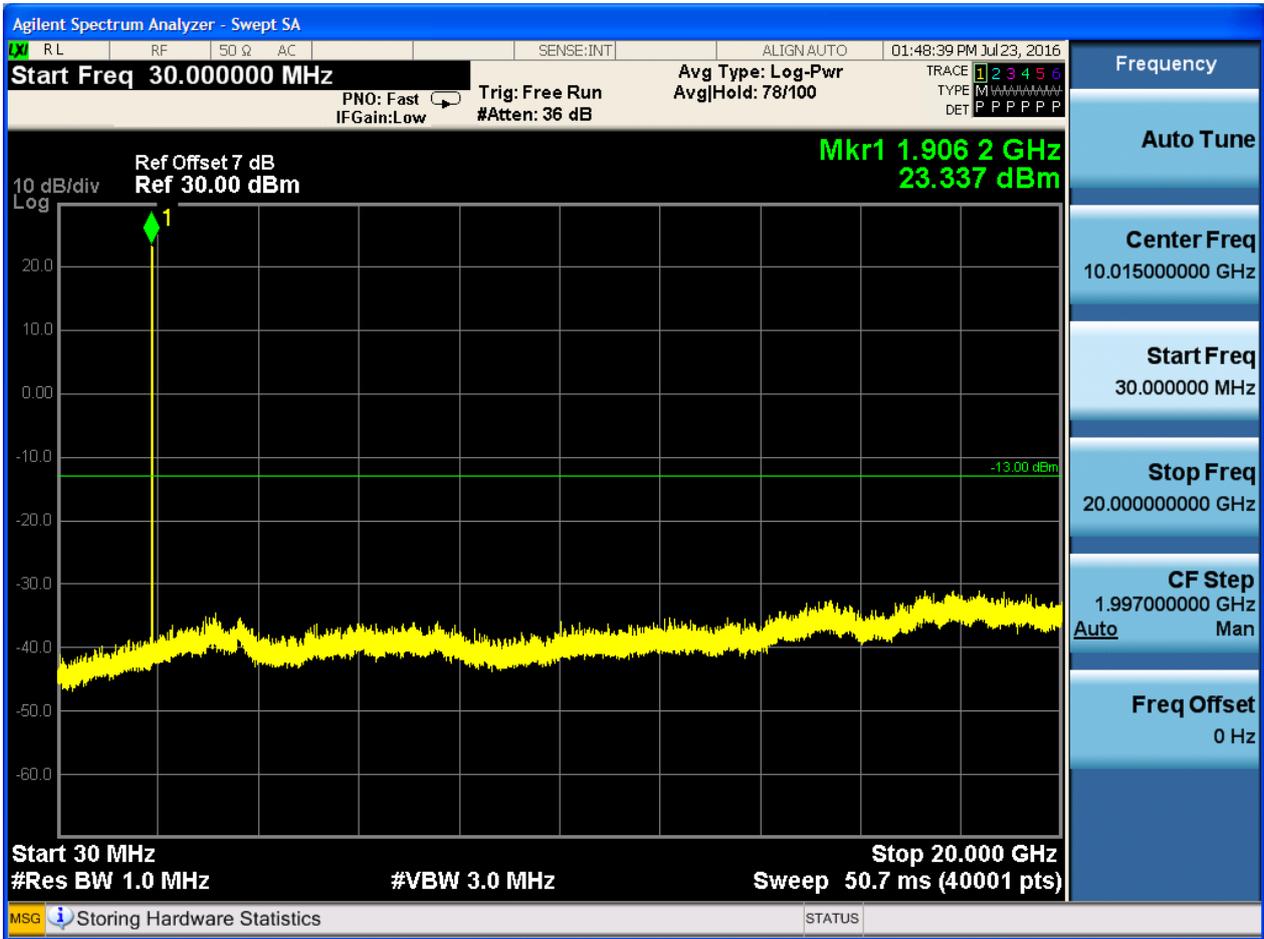




### 6.2.1.1.3 Test Channel = HCH





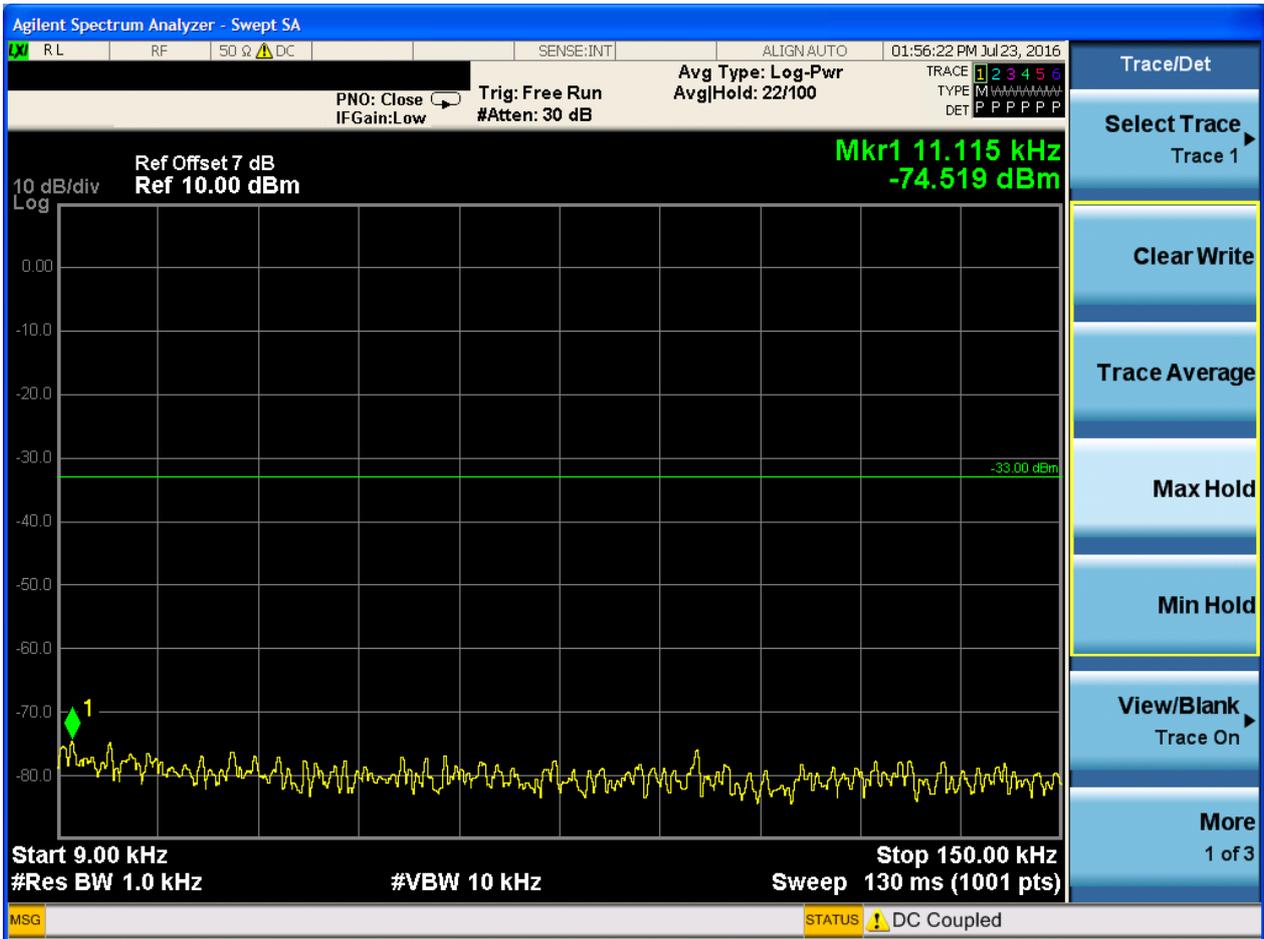


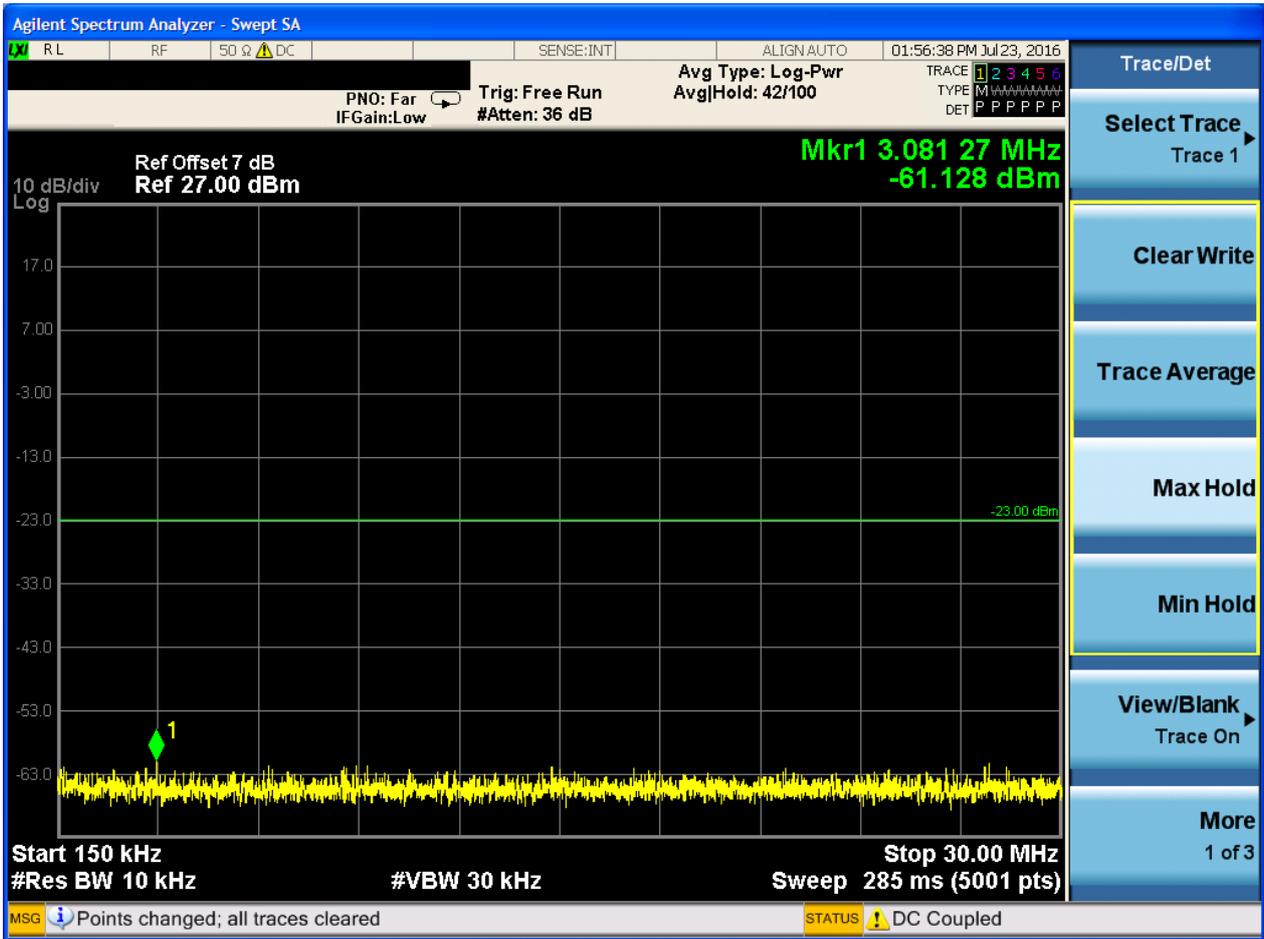


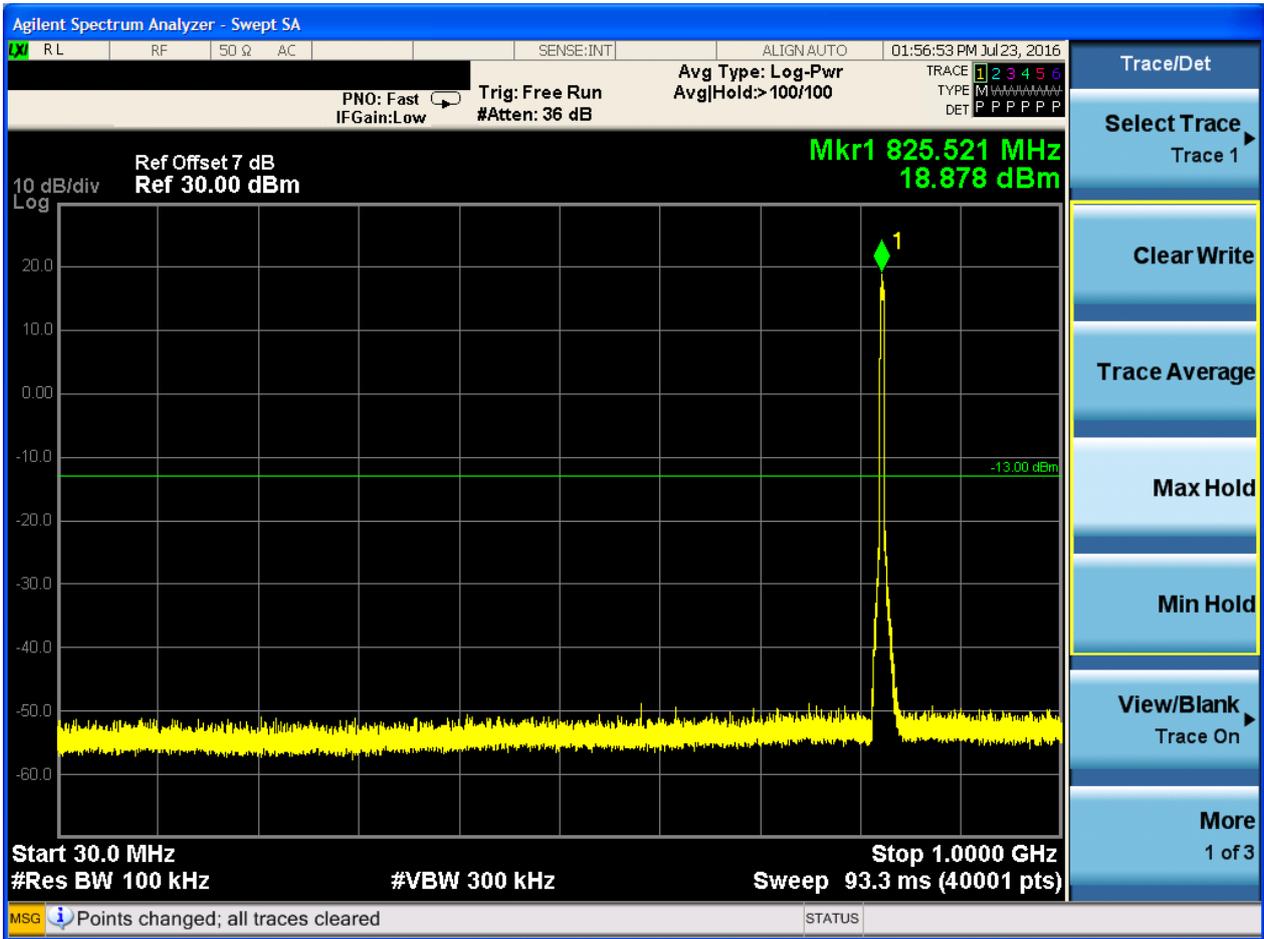
6.2.2 Test Band = WCDMA850

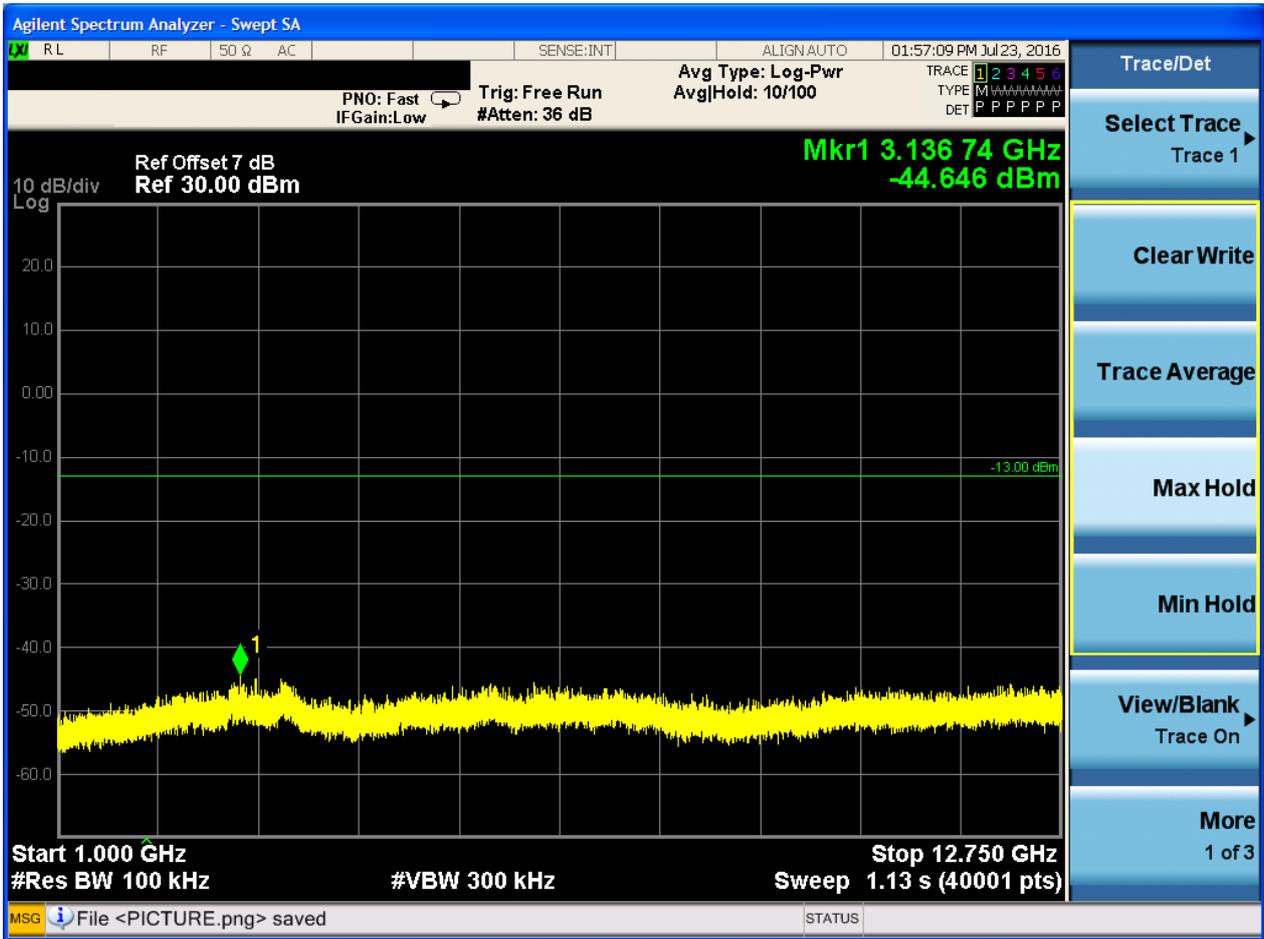
6.2.2.1 Test Mode = UMTS/TM1

6.2.2.1.1 Test Channel = LCH

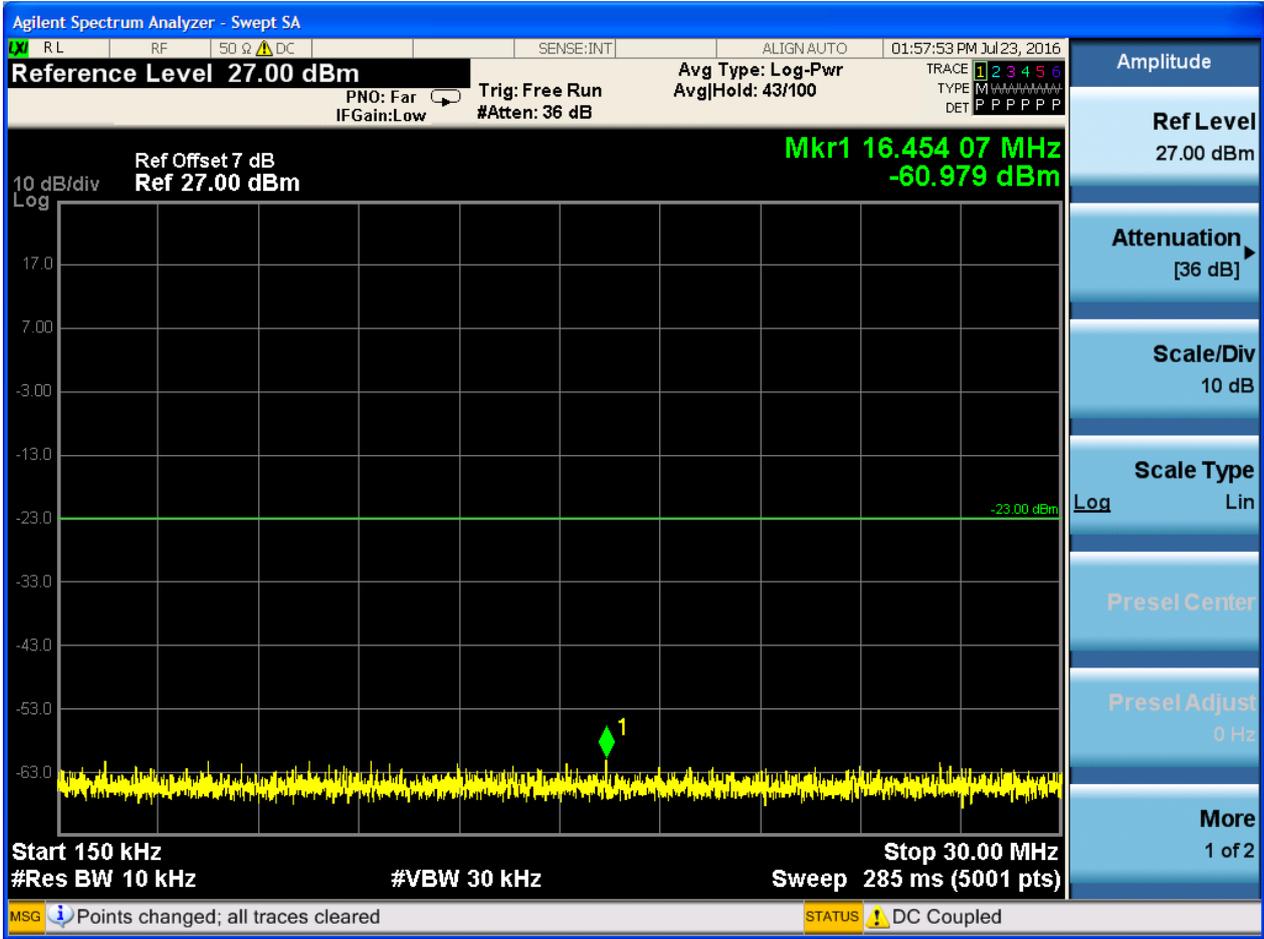










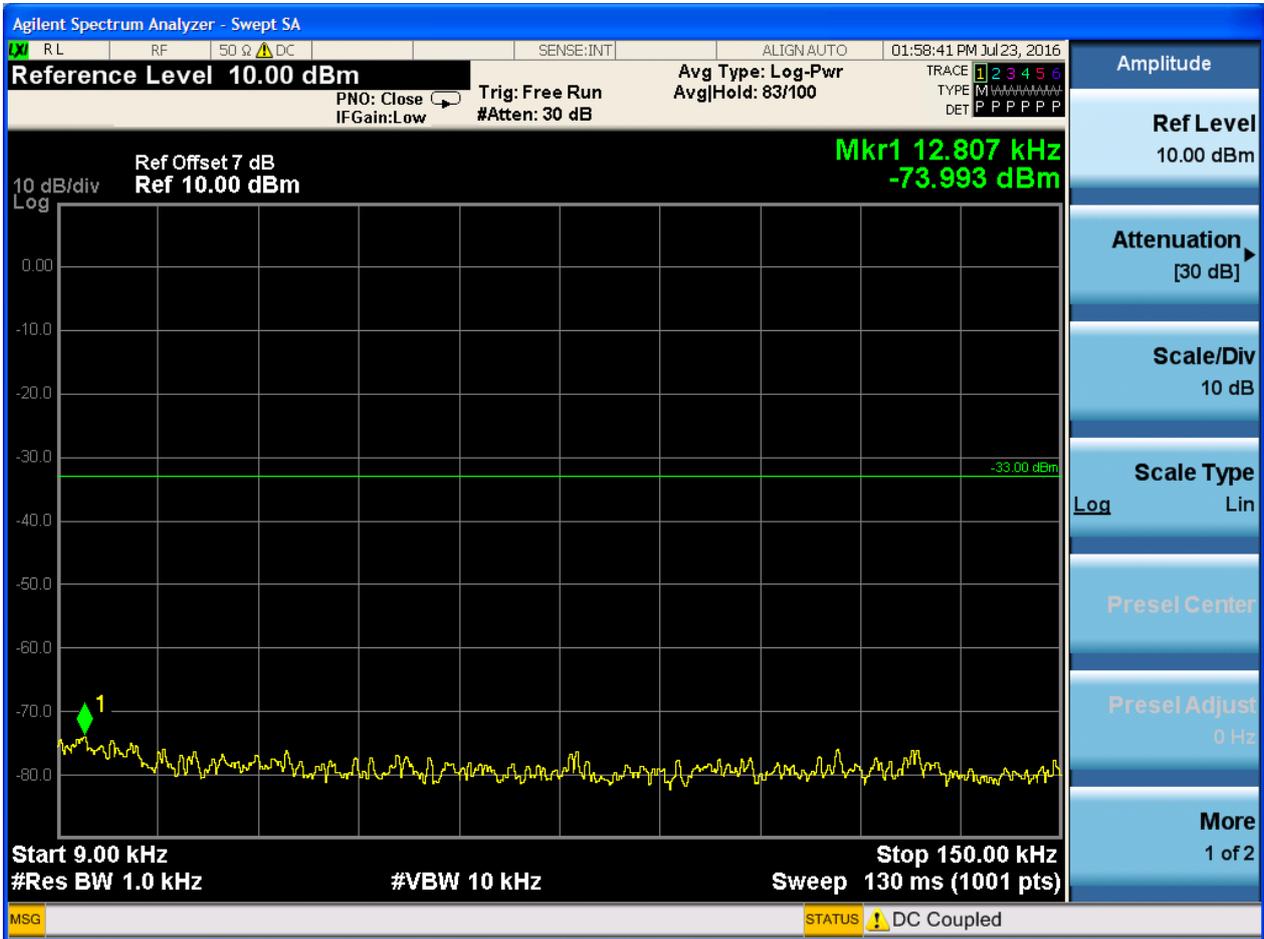


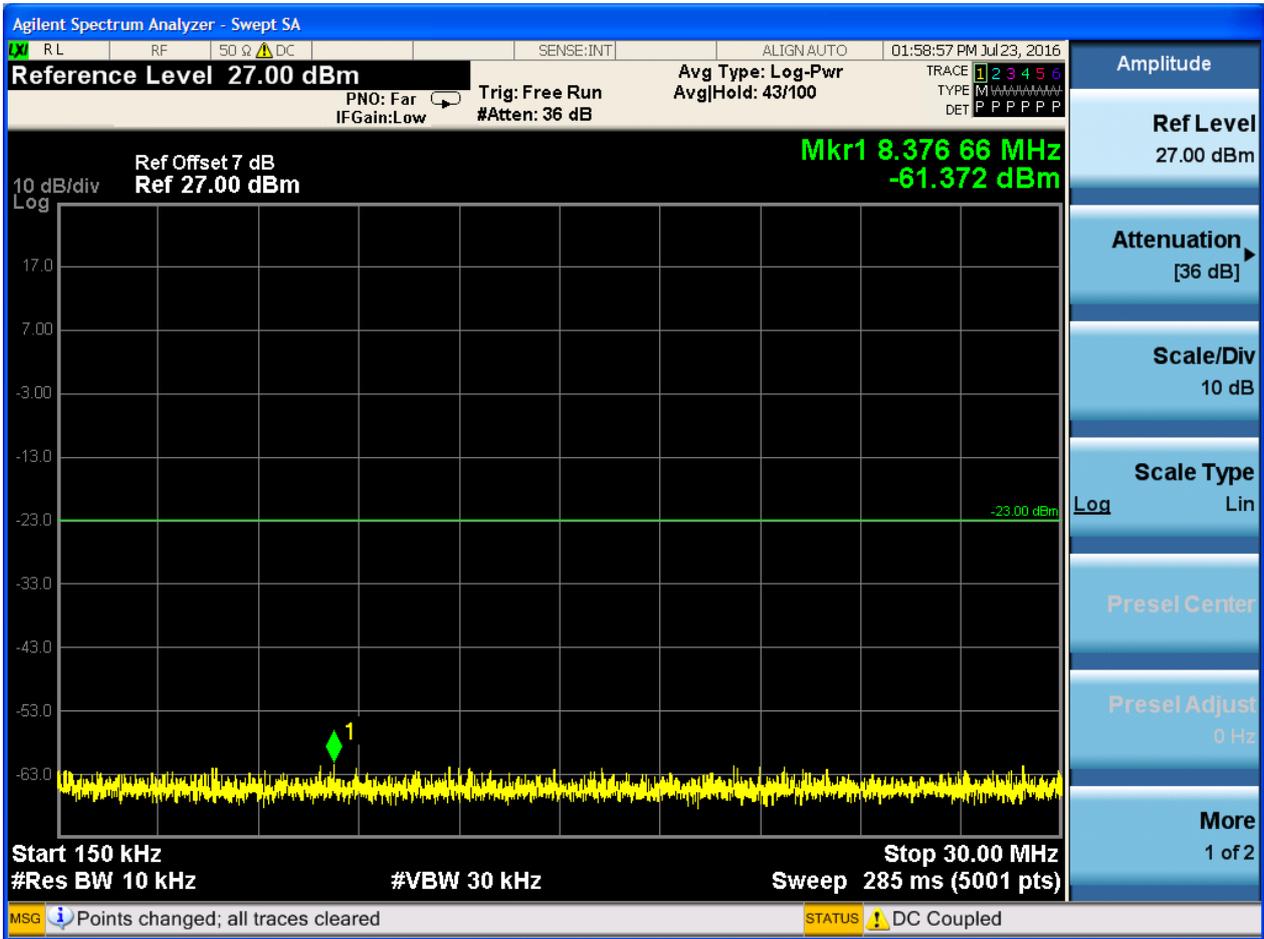


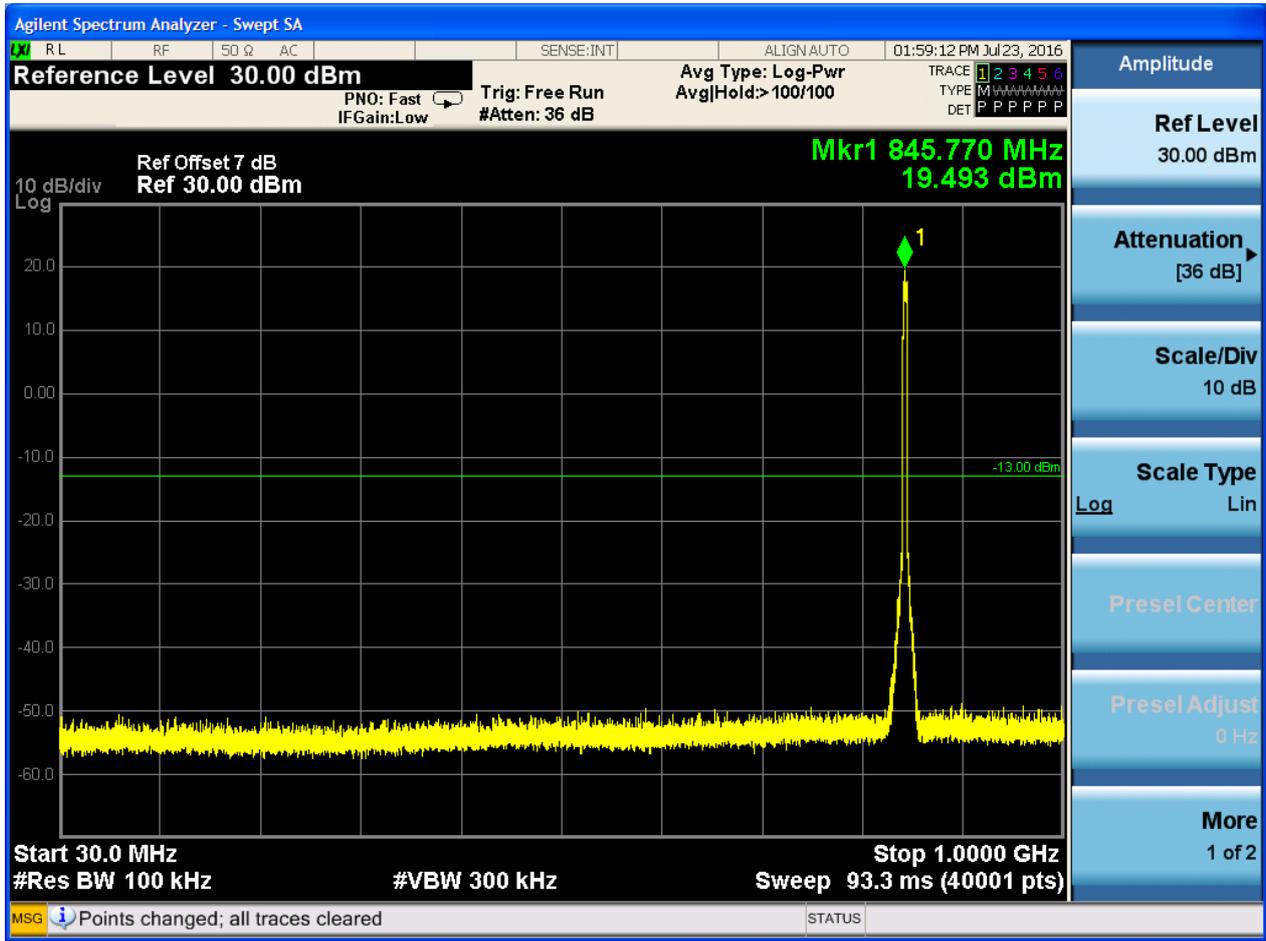


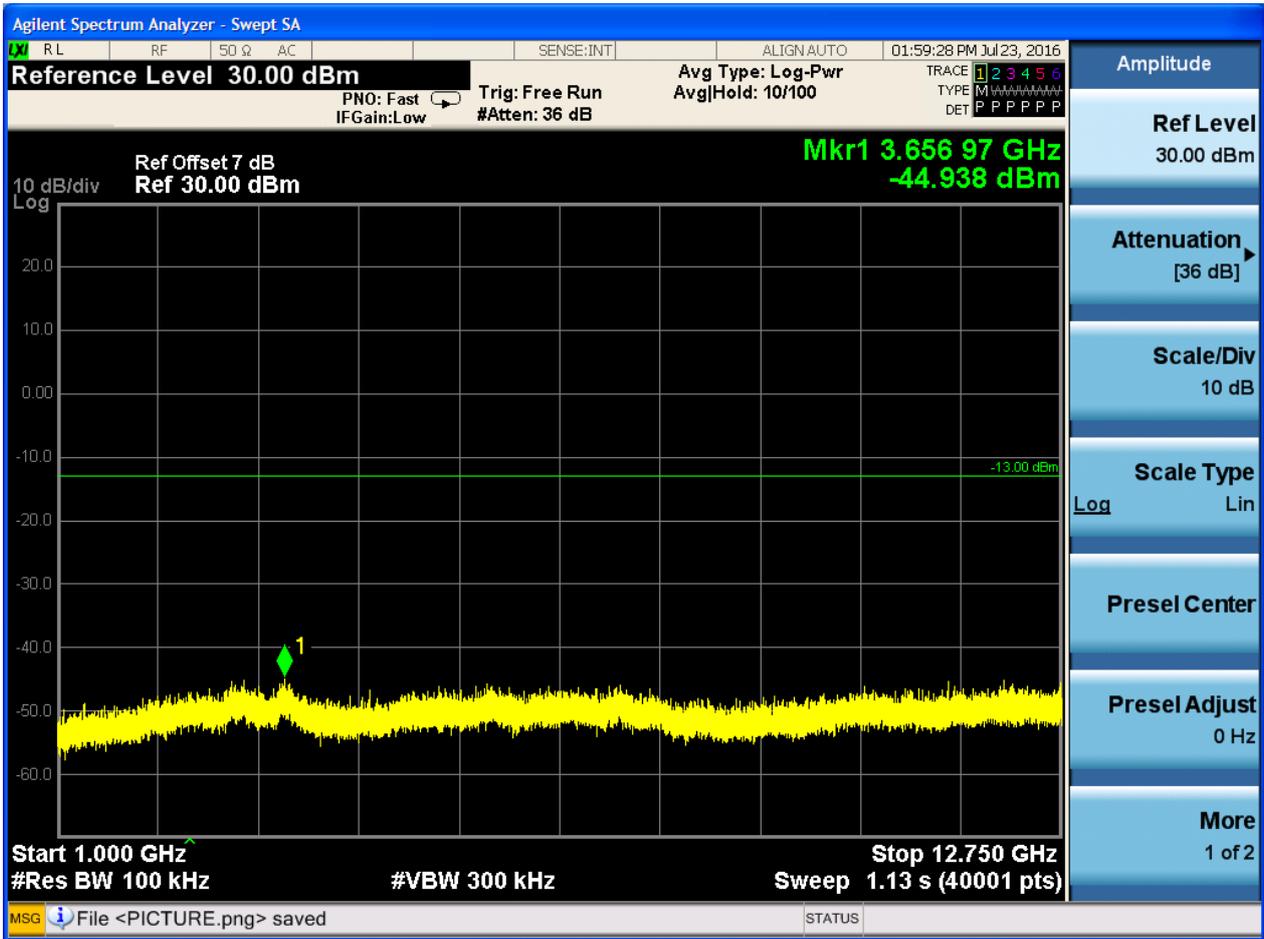


### 6.2.2.1.3 Test Channel = HCH











## 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

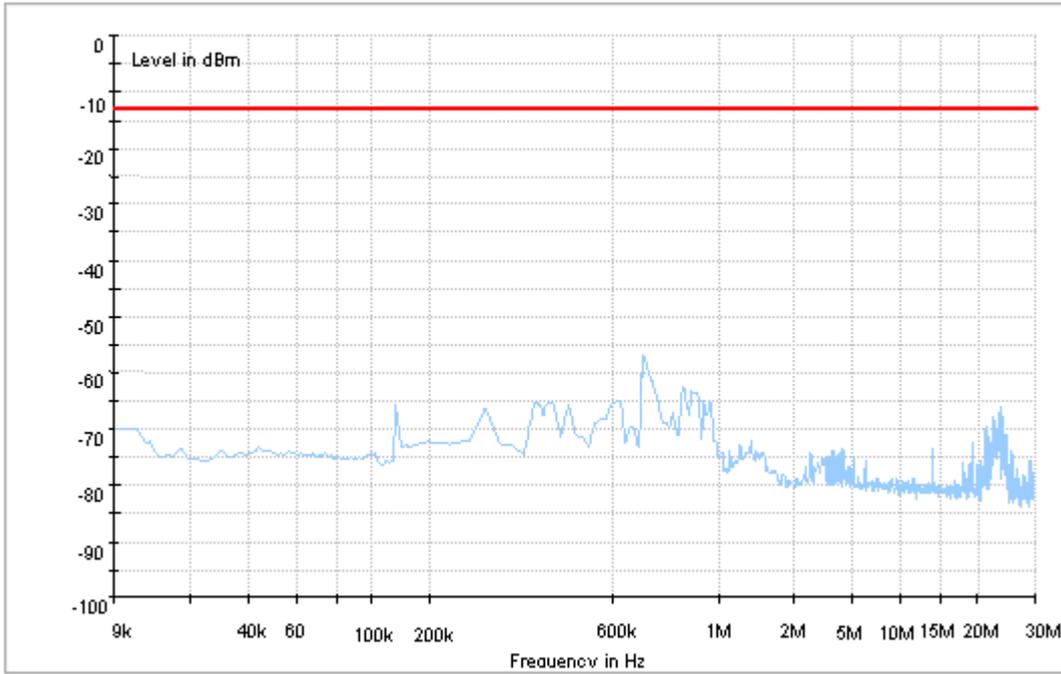
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

**Part I - Test Plots**

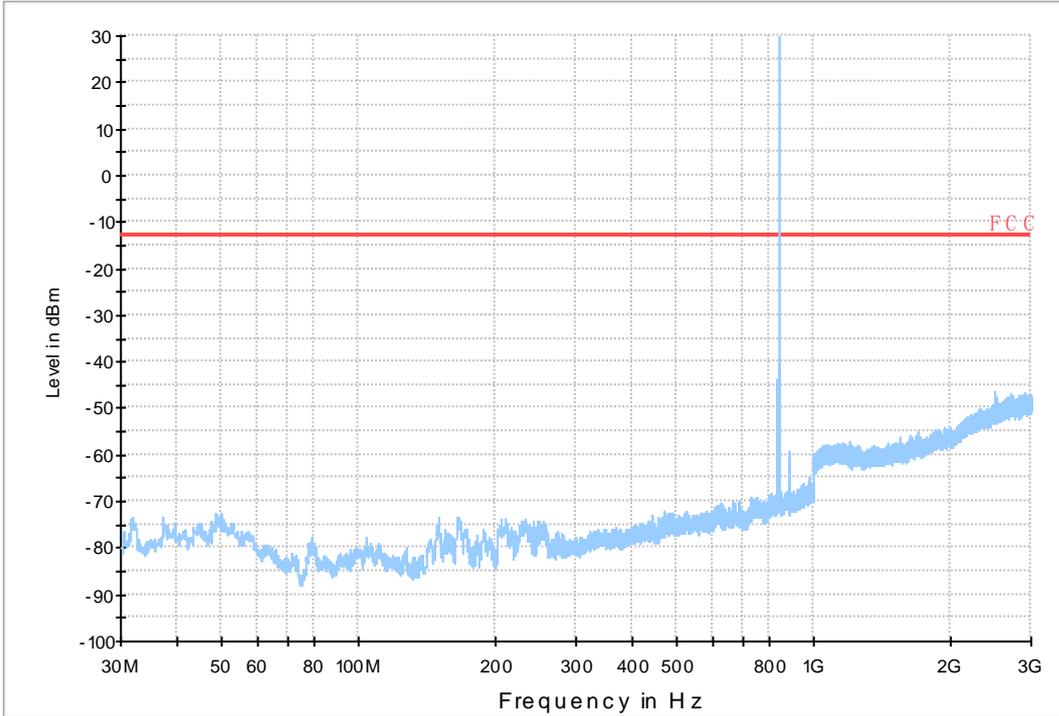
**7.1 For GSM**

**7.1.1 Test Band = GSM850**

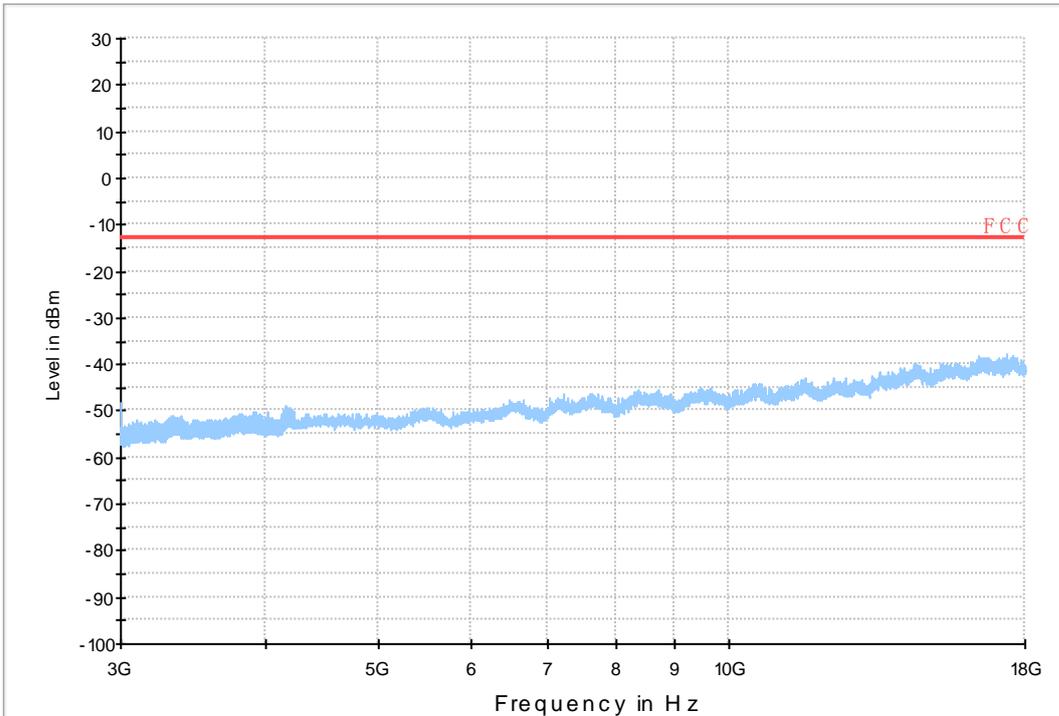
**7.1.1.1 Test Mode = GSM/TM1**



Copy of FCC PART22 GSM850\_L

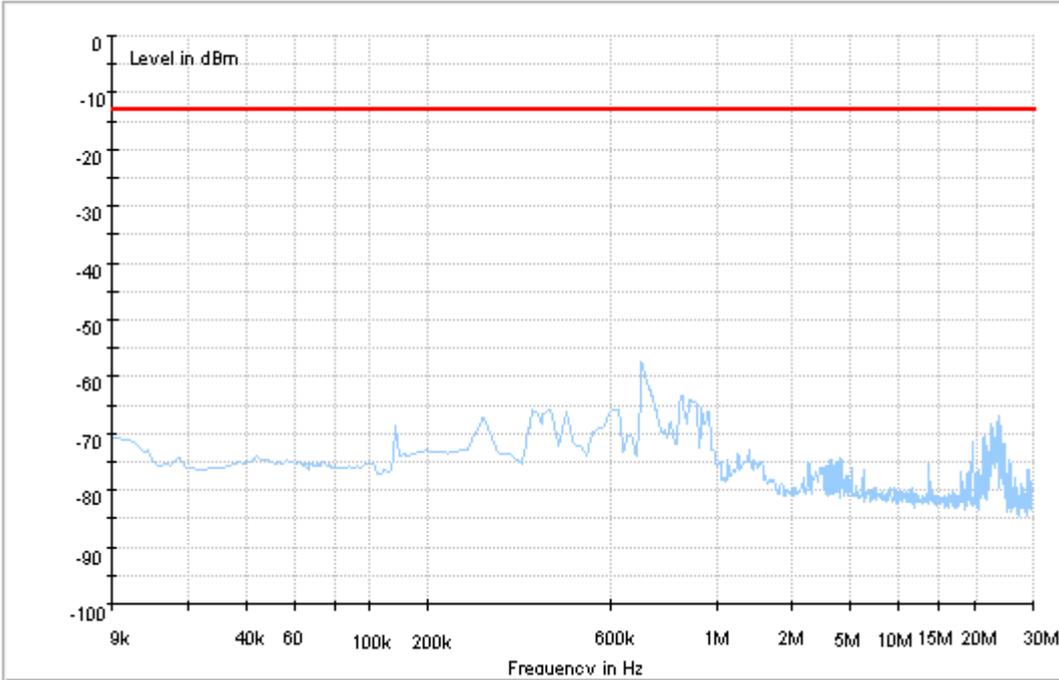


Copy of FCC PART22 GSM850\_H

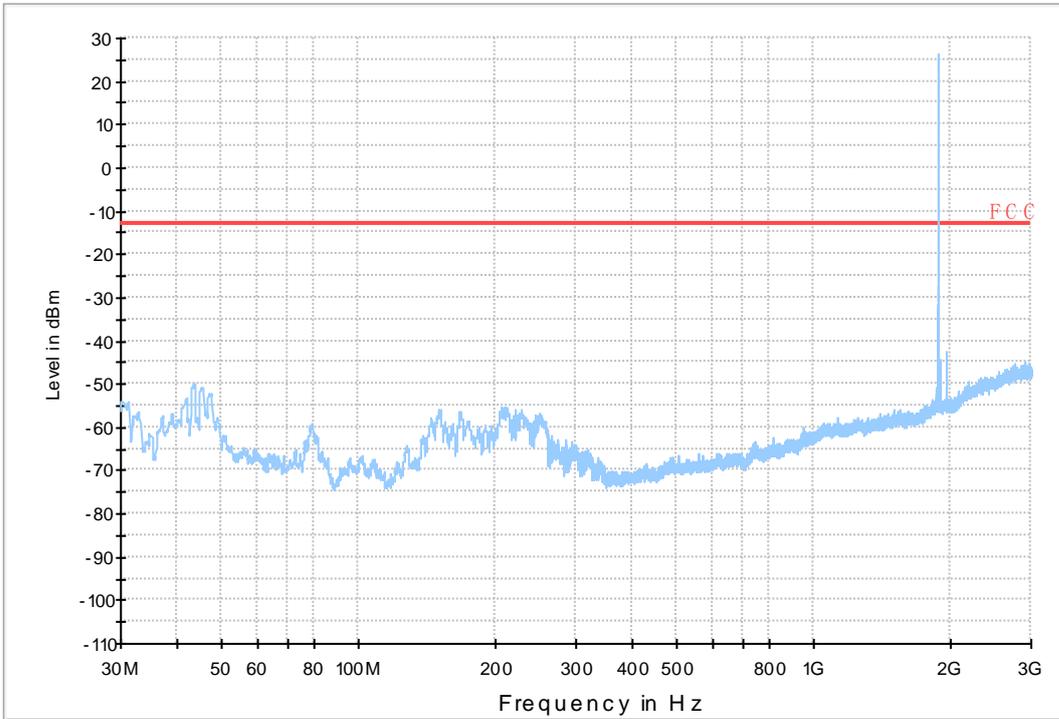


### 7.1.2 Test Band = GSM1900

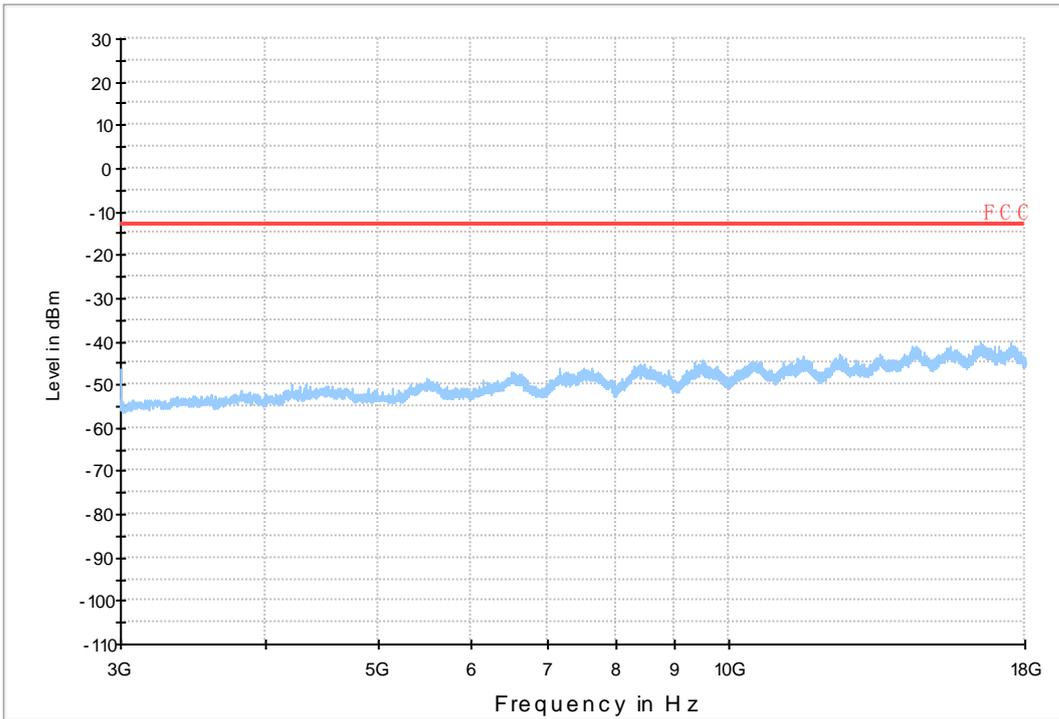
#### 7.1.2.1 Test Mode = GSM/TM1

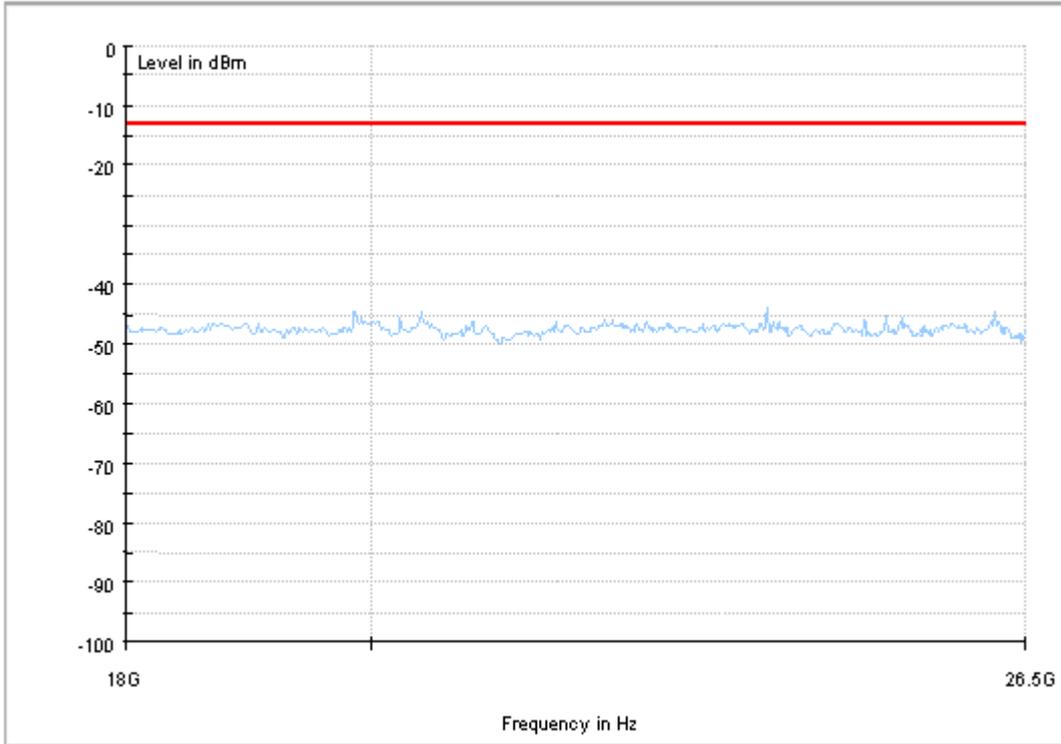


Copy of FCC PART 24 GSM1900\_L



Copy of FCC PART 24 GSM1900\_H

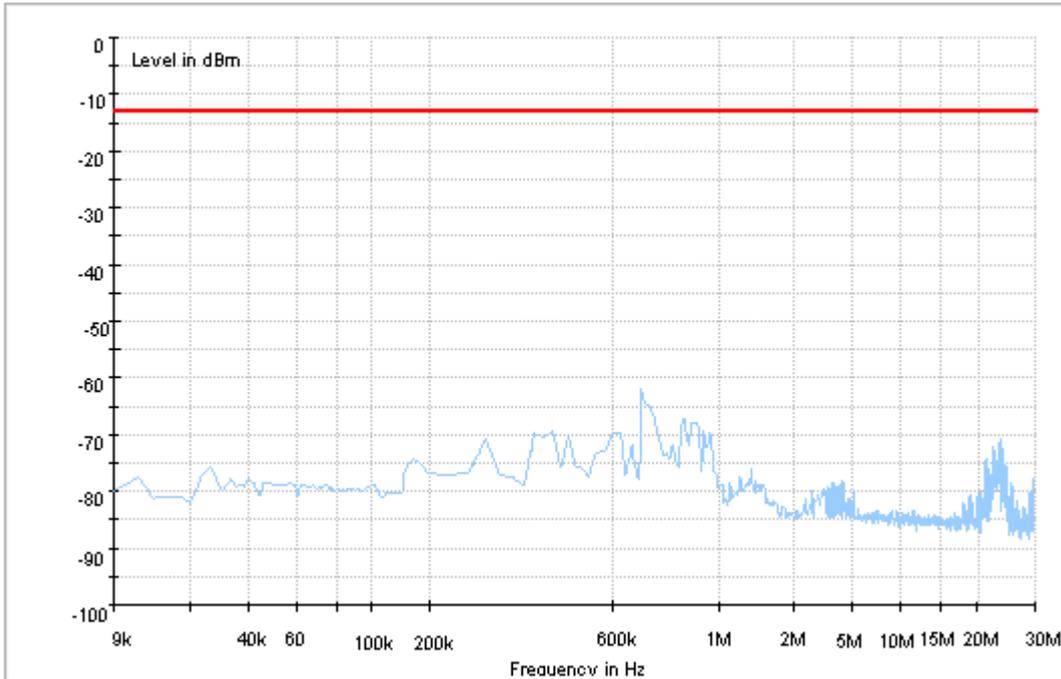




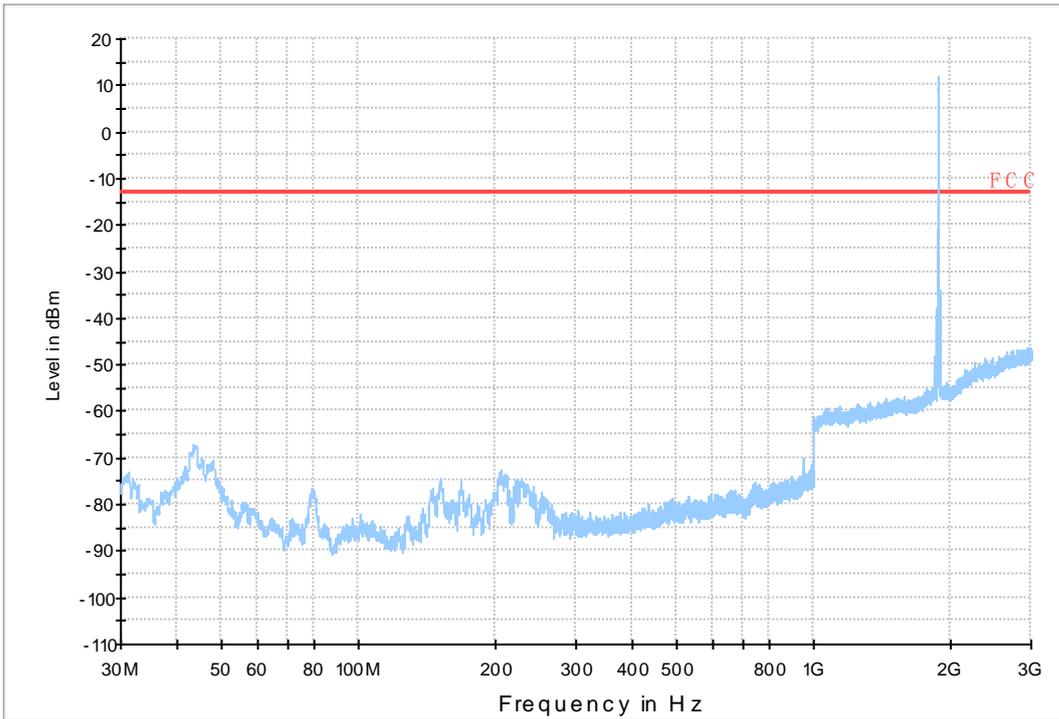
## 7.2 For UMTS

### 7.2.1 Test Band = WCDMA1900

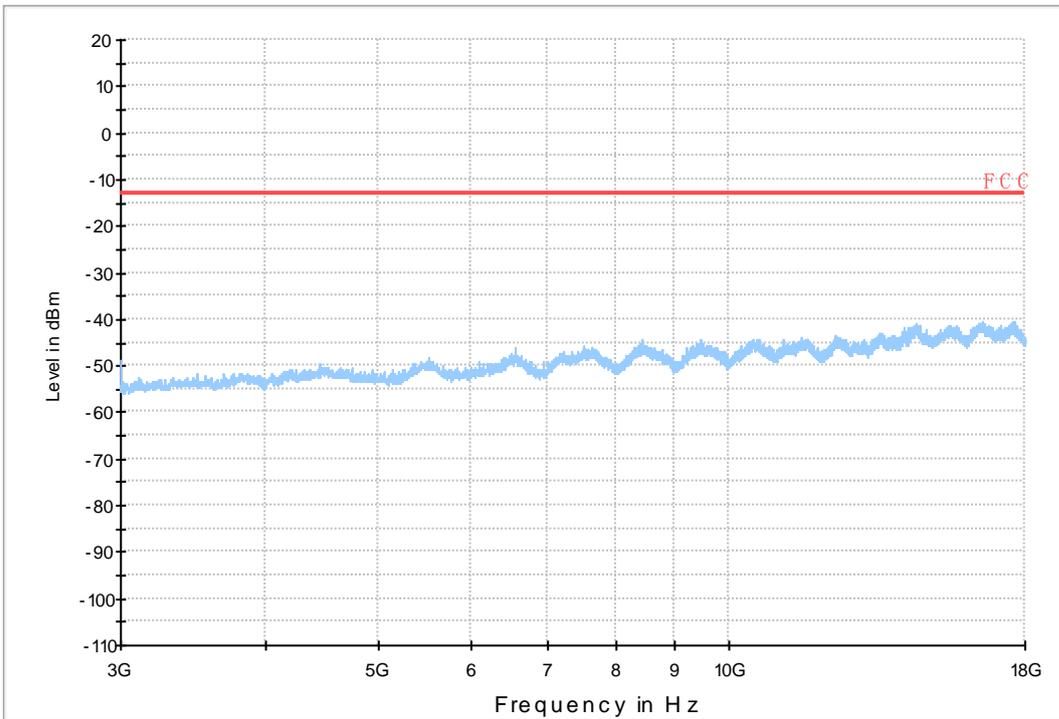
#### 7.2.1.1 Test Mode = UMTS/TM1

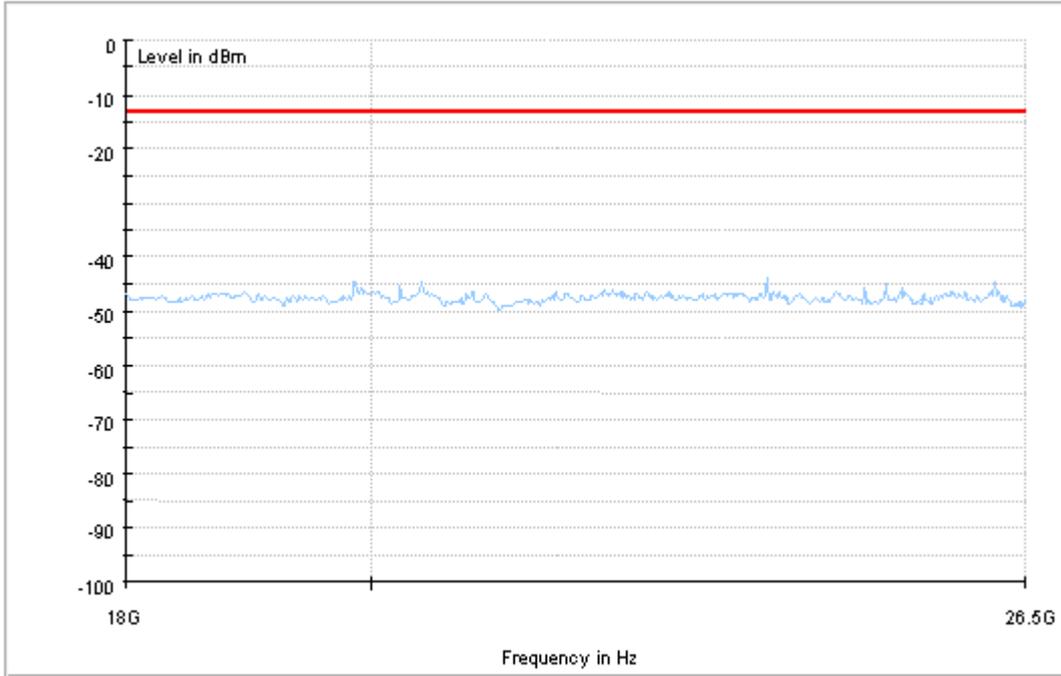


Copy of FCC PART24 W CDMA1900\_L



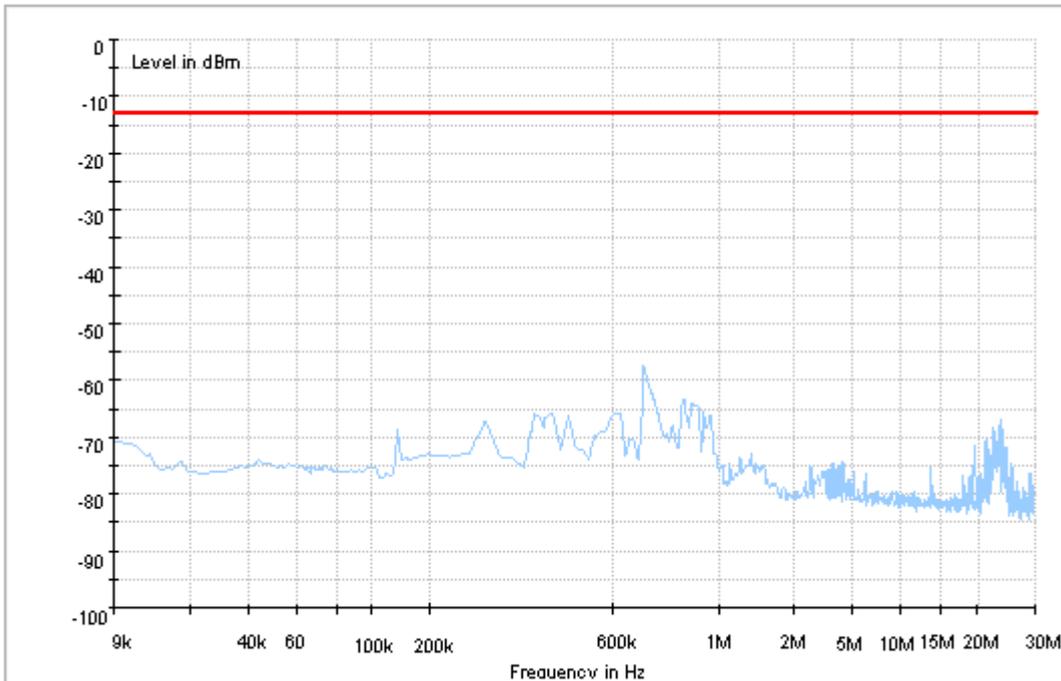
Copy of FCC PART24 W CDMA1900\_H



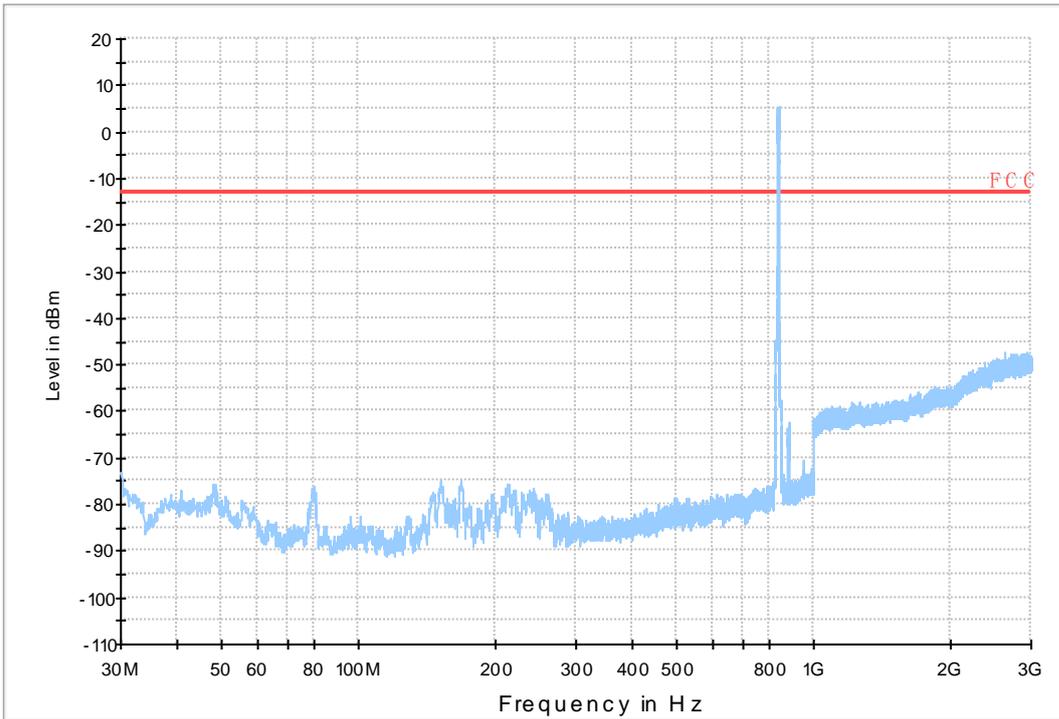


### 7.2.2 Test Band = WCDMA850

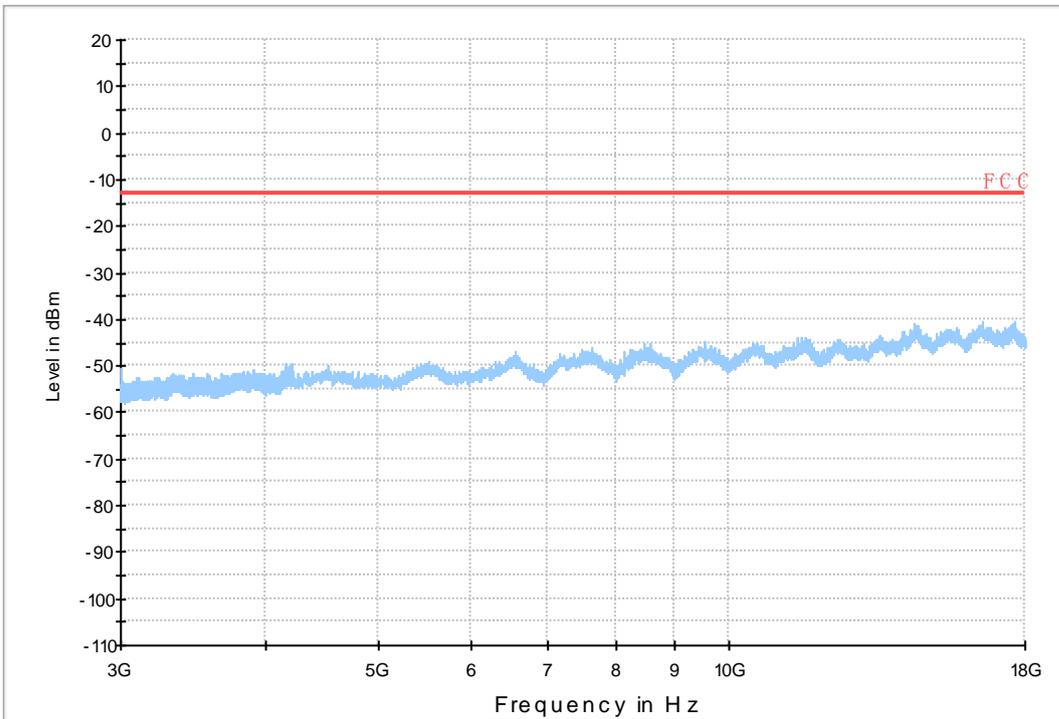
#### 7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART22 W CDMA850\_L



Copy of FCC PART22 W CDMA850\_H



## 8Appendix\_H: Frequency Stability

### 8.1 For GSM

#### 8.1.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	TN	VL	-14.53	-0.01763	PASS
				VN	-10.78	-0.01308	PASS
				VH	-15.05	-0.01826	PASS
		MCH	TN	VL	-12.27	-0.01467	PASS
				VN	-15.37	-0.01837	PASS
				VH	-14.98	-0.01791	PASS
		HCH	TN	VL	-17.56	-0.02069	PASS
				VN	-11.11	-0.01309	PASS
				VH	-11.04	-0.01301	PASS
	GSM/TM2	LCH	TN	VL	-19.27	-0.02338	PASS
				VN	-16.85	-0.02044	PASS
				VH	-18.08	-0.02194	PASS
		MCH	TN	VL	-19.69	-0.02354	PASS
				VN	-20.40	-0.02438	PASS
				VH	-24.09	-0.0288	PASS
		HCH	TN	VL	-13.69	-0.01613	PASS
				VN	-12.95	-0.01526	PASS
				VH	-15.46	-0.01821	PASS
GSM1900	GSM/TM1	LCH	TN	VL	14.85	0.00803	PASS
				VN	15.17	0.0082	PASS
				VH	13.75	0.00743	PASS
		MCH	TN	VL	14.98	0.00797	PASS
				VN	24.09	0.01281	PASS
				VH	26.80	0.01426	PASS
		HCH	TN	VL	21.18	0.01109	PASS
				VN	27.44	0.01437	PASS
				VH	19.44	0.01018	PASS
	GSM/TM2	LCH	TN	VL	14.24	0.0077	PASS
				VN	4.84	0.00262	PASS
				VH	12.46	0.00673	PASS
		MCH	TN	VL	14.46	0.00769	PASS
				VN	19.15	0.01019	PASS
				VH			

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VH	15.53	0.00826	PASS
		HCH	TN	VL	18.92	0.00991	PASS
				VN	18.85	0.00987	PASS
				VH	19.21	0.01006	PASS

**8.1.2 Frequency Error vs. Temperature:**

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	VN	-30	-15.76	-0.01912	PASS
				-20	-15.37	-0.01865	PASS
				-10	-13.04	-0.01582	PASS
				0	-13.69	-0.01661	PASS
				10	-11.95	-0.0145	PASS
				20	-19.50	-0.02366	PASS
				30	-14.27	-0.01731	PASS
				40	-13.30	-0.01614	PASS
		50	-14.79	-0.01794	PASS		
		MCH	VN	-30	-14.53	-0.01737	PASS
				-20	-13.69	-0.01636	PASS
				-10	-17.37	-0.02076	PASS
				0	-17.56	-0.02099	PASS
				10	-14.72	-0.0176	PASS
				20	-18.47	-0.02208	PASS
				30	-15.24	-0.01822	PASS
				40	-12.33	-0.01474	PASS
		50	-13.95	-0.01667	PASS		
		HCH	VN	-30	-16.47	-0.0194	PASS
				-20	-9.36	-0.01103	PASS
				-10	-16.21	-0.0191	PASS
				0	-11.95	-0.01408	PASS
				10	-13.43	-0.01582	PASS
				20	-18.53	-0.02183	PASS
	30			-14.98	-0.01765	PASS	
	40			-11.24	-0.01324	PASS	
	50	-16.72	-0.0197	PASS			
	GSM/TM2	LCH	VN	-30	-18.53	-0.02248	PASS
				-20	-21.41	-0.02598	PASS
				-10	-15.98	-0.01939	PASS
				0	-20.95	-0.02542	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				10	-16.63	-0.02018	PASS						
				20	-24.54	-0.02977	PASS						
				30	-20.11	-0.0244	PASS						
				40	-19.95	-0.02421	PASS						
				50	-17.21	-0.02088	PASS						
		MCH	VN			-30	-16.11	-0.01926	PASS				
						-20	-14.69	-0.01756	PASS				
						-10	-21.21	-0.02535	PASS				
						0	-19.18	-0.02293	PASS				
						10	-27.02	-0.0323	PASS				
						20	-21.41	-0.02559	PASS				
						30	-23.47	-0.02805	PASS				
						40	-24.83	-0.02968	PASS				
						50	-19.24	-0.023	PASS				
						HCH	VN			-30	-25.99	-0.03062	PASS
		-20	-22.24	-0.0262	PASS								
		-10	-21.47	-0.02529	PASS								
		0	-24.34	-0.02868	PASS								
		10	-13.53	-0.01594	PASS								
		20	-20.50	-0.02415	PASS								
		30	-20.53	-0.02419	PASS								
		40	-19.50	-0.02297	PASS								
		50	-17.89	-0.02108	PASS								
		GSM1900	GSM/TM1	LCH	VN					-30	23.50	0.0127	PASS
-20	10.85									0.00586	PASS		
-10	16.92									0.00914	PASS		
0	17.95									0.0097	PASS		
10	17.18									0.00929	PASS		
20	10.72									0.00579	PASS		
30	18.73									0.01012	PASS		
40	21.31									0.01152	PASS		
50	19.76									0.01068	PASS		
MCH	VN									-30	20.34	0.01082	PASS
										-20	15.50	0.00824	PASS
										-10	12.27	0.00653	PASS
										0	19.18	0.0102	PASS
										10	19.11	0.01016	PASS
										20	15.05	0.00801	PASS
										30	26.09	0.01388	PASS
										40	9.81	0.00522	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	50	17.43	0.00927	PASS
				-30	16.98	0.00889	PASS
				-20	27.77	0.01454	PASS
				-10	22.54	0.0118	PASS
				0	25.70	0.01346	PASS
				10	18.66	0.00977	PASS
				20	19.05	0.00997	PASS
				30	15.17	0.00794	PASS
				40	2.78	0.00146	PASS
				50	20.02	0.01048	PASS
	GSM/TM2	LCH	VN	-30	15.98	0.00864	PASS
				-20	16.34	0.00883	PASS
				-10	12.98	0.00702	PASS
				0	14.53	0.00785	PASS
				10	16.82	0.00909	PASS
				20	10.23	0.00553	PASS
				30	16.30	0.00881	PASS
				40	12.56	0.00679	PASS
				50	9.78	0.00529	PASS
				MCH	VN	-30	8.43
		-20	29.86			0.01588	PASS
		-10	18.69			0.00994	PASS
		0	8.43			0.00448	PASS
		10	18.92			0.01006	PASS
		20	13.33			0.00709	PASS
		30	13.66			0.00727	PASS
		40	8.33			0.00443	PASS
		50	18.53			0.00986	PASS
		HCH	VN			-30	15.14
				-20	23.83	0.01248	PASS
				-10	29.77	0.01559	PASS
				0	19.24	0.01007	PASS
10	24.28			0.01271	PASS		
20	17.53			0.00918	PASS		
30	26.44			0.01384	PASS		
40	9.78			0.00512	PASS		
50	18.31	0.00959	PASS				



**8.2 For UMTS**

**8.2.1 Frequency Error vs. Voltage:**

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA1900	UMTS/TM1	LCH	TN	VL	-0.44	-0.00024	PASS
				VN	-2.53	-0.00137	PASS
				VH	-3.10	-0.00167	PASS
		MCH	TN	VL	9.51	0.00506	PASS
				VN	1.65	0.00088	PASS
				VH	7.23	0.00385	PASS
		HCH	TN	VL	-5.74	-0.00301	PASS
				VN	4.91	0.00257	PASS
				VH	0.93	0.00049	PASS
WCDMA850	UMTS/TM1	LCH	TN	VL	-6.74	-0.00816	PASS
				VN	0.85	0.00103	PASS
				VH	7.32	0.00886	PASS
		MCH	TN	VL	4.39	0.00525	PASS
				VN	1.72	0.00206	PASS
				VH	3.78	0.00452	PASS
		HCH	TN	VL	3.13	0.0037	PASS
				VN	0.89	0.00105	PASS
				VH	6.35	0.0075	PASS

**8.2.2 Frequency Error vs. Temperature:**

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA1900	UMTS/TM1	LCH	VN	-30	-14.74	-0.00796	PASS
				-20	-1.39	-0.00075	PASS
				-10	-2.78	-0.0015	PASS
				0	-5.49	-0.00296	PASS
				10	-1.68	-0.00091	PASS
				20	0.17	0.00009	PASS
				30	-5.37	-0.0029	PASS
				40	-1.69	-0.00091	PASS
				50	6.68	0.00361	PASS
		MCH	VN	-30	-11.69	-0.00622	PASS
				-20	-9.99	-0.00531	PASS
				-10	-4.97	-0.00264	PASS
				0	-9.78	-0.0052	PASS
				10	-4.70	-0.0025	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				20	1.36	0.00072	PASS		
				30	-3.86	-0.00205	PASS		
				40	7.49	0.00398	PASS		
				50	-1.28	-0.00068	PASS		
		HCH	VN			-30	0.47	0.00025	PASS
						-20	0.29	0.00015	PASS
						-10	7.19	0.00377	PASS
						0	6.39	0.00335	PASS
						10	-3.28	-0.00172	PASS
						20	-3.23	-0.00169	PASS
						30	-0.56	-0.00029	PASS
						40	-3.92	-0.00205	PASS
						50	-0.69	-0.00036	PASS
						WCDMA850	UMTS/TM1	LCH	VN
-20	4.47	0.00541	PASS						
-10	-1.39	-0.00168	PASS						
0	1.10	0.00133	PASS						
10	4.99	0.00604	PASS						
20	3.16	0.00382	PASS						
30	0.14	0.00017	PASS						
40	8.04	0.00973	PASS						
50	4.06	0.00491	PASS						
MCH	VN			-30	5.97				
				-20	4.84			0.00579	PASS
				-10	2.84			0.0034	PASS
				0	-1.88			-0.00225	PASS
				10	5.13			0.00613	PASS
				20	0.00			0.00	PASS
				30	0.56			0.00067	PASS
				40	1.08			0.00129	PASS
				50	5.52			0.0066	PASS
				HCH	VN				
-20	3.71	0.00438	PASS						
-10	3.66	0.00432	PASS						
0	3.28	0.00387	PASS						
10	4.06	0.0048	PASS						
20	3.63	0.00429	PASS						
30	6.73	0.00795	PASS						
40	3.60	0.00425	PASS						
50	0.02	0.00002	PASS						



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END