



Appendix for Test report

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1Appendix_A: Effective Radiated Power Output Data

Part I - Test Results

Test Mode	Test Band width	Test Channel	Test RB	Meas. Level [dBm]	Substitution Antenna Type	SGP[dBm]	Substitution Gain [dBi]	Cable Loss [dB]	Substitution Level (EIRP) [dBm]	FCC limit [dBm]	Result
LTE/TM 1	5	LCH	RB1#0	25.90	Horn Ant.	22.12	4.5	1	25.62	33	Pass
			RB1#13	25.84	Horn Ant.	22.06	4.5	1	25.56	33	Pass
			RB1#24	25.72	Horn Ant.	21.94	4.5	1	25.44	33	Pass
			RB12#0	24.66	Horn Ant.	20.88	4.5	1	24.38	33	Pass
			RB12#6	24.71	Horn Ant.	20.93	4.5	1	24.43	33	Pass
			RB12#13	24.56	Horn Ant.	20.78	4.5	1	24.28	33	Pass
			RB25#0	24.55	Horn Ant.	20.77	4.5	1	24.27	33	Pass
		MCH	RB1#0	25.66	Horn Ant.	21.88	4.5	1	25.38	33	Pass
			RB1#13	25.54	Horn Ant.	21.76	4.5	1	25.26	33	Pass
			RB1#24	25.67	Horn Ant.	21.89	4.5	1	25.39	33	Pass
			RB12#0	24.57	Horn Ant.	20.79	4.5	1	24.29	33	Pass
			RB12#6	24.54	Horn Ant.	20.76	4.5	1	24.26	33	Pass
			RB12#13	24.42	Horn Ant.	20.64	4.5	1	23.14	33	Pass
			RB25#0	24.38	Horn Ant.	20.6	4.5	1	23.1	33	Pass
		HCH	RB1#0	25.53	Horn Ant.	21.75	4.5	1	25.25	33	Pass
			RB1#13	25.66	Horn Ant.	21.88	4.5	1	25.38	33	Pass
			RB1#24	25.3	Horn Ant.	21.52	4.5	1	25.02	33	Pass
			RB12#0	24.45	Horn Ant.	20.67	4.5	1	23.17	33	Pass
			RB12#6	24.51	Horn Ant.	20.73	4.5	1	24.23	33	Pass
			RB12#13	24.4	Horn Ant.	20.62	4.5	1	23.12	33	Pass
			RB25#0	24.3	Horn Ant.	20.52	4.5	1	24.02	33	Pass
	10	LCH	RB1#0	25.88	Horn Ant.	22.1	4.5	1	25.6	33	Pass
			RB1#25	25.7	Horn Ant.	21.92	4.5	1	25.42	33	Pass
			RB1#49	25.61	Horn Ant.	21.83	4.5	1	25.33	33	Pass
			RB25#0	24.6	Horn Ant.	20.82	4.5	1	24.32	33	Pass
			RB25#13	24.41	Horn Ant.	20.63	4.5	1	23.13	33	Pass
			RB25#25	24.38	Horn Ant.	20.6	4.5	1	23.1	33	Pass
			RB50#0	24.42	Horn Ant.	20.64	4.5	1	23.14	33	Pass
		MCH	RB1#0	25.72	Horn Ant.	21.94	4.5	1	25.44	33	Pass
			RB1#25	25.44	Horn Ant.	21.66	4.5	1	24.16	33	Pass



			RB1#49	25.54	Horn Ant.	21.76	4.5	1	25.26	33	Pass
			RB25#0	24.5	Horn Ant.	20.72	4.5	1	24.22	33	Pass
			RB25#13	24.34	Horn Ant.	20.56	4.5	1	24.06	33	Pass
			RB25#25	24.5	Horn Ant.	20.72	4.5	1	24.22	33	Pass
			RB50#0	24.43	Horn Ant.	20.65	4.5	1	23.15	33	Pass
		HCH	RB1#0	25.96	Horn Ant.	22.18	4.5	1	25.68	33	Pass
			RB1#25	25.55	Horn Ant.	21.77	4.5	1	25.27	33	Pass
			RB1#49	25.39	Horn Ant.	21.61	4.5	1	24.11	33	Pass
			RB25#0	24.55	Horn Ant.	20.77	4.5	1	24.27	33	Pass
			RB25#13	24.39	Horn Ant.	20.61	4.5	1	23.11	33	Pass
			RB25#25	24.42	Horn Ant.	20.64	4.5	1	23.14	33	Pass
			RB50#0	24.41	Horn Ant.	20.63	4.5	1	23.13	33	Pass
LTE/TM 2	5	LCH	RB1#0	24.51	Horn Ant.	20.73	4.5	1	24.23	33	Pass
			RB1#13	24.45	Horn Ant.	20.67	4.5	1	23.17	33	Pass
			RB1#24	24.31	Horn Ant.	20.53	4.5	1	24.03	33	Pass
			RB12#0	23.58	Horn Ant.	19.8	4.5	1	23.3	33	Pass
			RB12#6	23.74	Horn Ant.	19.96	4.5	1	23.46	33	Pass
			RB12#13	23.5	Horn Ant.	19.72	4.5	1	23.22	33	Pass
			RB25#0	23.61	Horn Ant.	19.83	4.5	1	23.33	33	Pass
		MCH	RB1#0	24.45	Horn Ant.	20.67	4.5	1	23.17	33	Pass
			RB1#13	24.41	Horn Ant.	20.63	4.5	1	23.13	33	Pass
			RB1#24	24.41	Horn Ant.	20.63	4.5	1	23.13	33	Pass
			RB12#0	23.56	Horn Ant.	19.78	4.5	1	23.28	33	Pass
			RB12#6	23.47	Horn Ant.	19.69	4.5	1	22.19	33	Pass
			RB12#13	23.43	Horn Ant.	19.65	4.5	1	22.15	33	Pass
			RB25#0	23.61	Horn Ant.	19.83	4.5	1	23.33	33	Pass
		HCH	RB1#0	23.17	Horn Ant.	20.39	4.5	1	23.89	33	Pass
			RB1#13	24.23	Horn Ant.	20.45	4.5	1	23.95	33	Pass
			RB1#24	23.86	Horn Ant.	20.08	4.5	1	23.58	33	Pass
			RB12#0	23.49	Horn Ant.	19.71	4.5	1	23.21	33	Pass
			RB12#6	23.53	Horn Ant.	19.75	4.5	1	23.25	33	Pass
			RB12#13	23.46	Horn Ant.	19.68	4.5	1	22.18	33	Pass
			RB25#0	23.45	Horn Ant.	19.67	4.5	1	22.17	33	Pass
	10	LCH	RB1#0	24.50	Horn Ant.	21.03	4.5	1	24.53	33	Pass
			RB1#25	24.37	Horn Ant.	20.83	4.5	1	24.33	33	Pass
			RB1#49	23.19	Horn Ant.	20.62	4.5	1	23.12	33	Pass
			RB25#0	23.78	Horn Ant.	20.21	4.5	1	23.71	33	Pass
			RB25#13	23.58	Horn Ant.	20.05	4.5	1	23.55	33	Pass
			RB25#25	23.55	Horn Ant.	20.02	4.5	1	23.52	33	Pass
			RB50#0	23.50	Horn Ant.	20.04	4.5	1	23.54	33	Pass
		MCH	RB1#0	23.10	Horn Ant.	20.68	4.5	1	23.18	33	Pass
			RB1#25	23.9	Horn Ant.	20.49	4.5	1	23.99	33	Pass

			RB1#49	23.96	Horn Ant.	20.36	4.5	1	23.86	33	Pass
			RB25#0	23.64	Horn Ant.	20.19	4.5	1	23.69	33	Pass
			RB25#13	23.43	Horn Ant.	19.97	4.5	1	23.47	33	Pass
			RB25#25	23.49	Horn Ant.	19.96	4.5	1	23.46	33	Pass
			RB50#0	23.43	Horn Ant.	19.97	4.5	1	23.47	33	Pass
		HCH	RB1#0	24.26	Horn Ant.	20.71	4.5	1	24.21	33	Pass
			RB1#25	23.87	Horn Ant.	20.35	4.5	1	23.85	33	Pass
			RB1#49	23.78	Horn Ant.	20.26	4.5	1	23.76	33	Pass
			RB25#0	23.50	Horn Ant.	20.05	4.5	1	23.55	33	Pass
			RB25#13	23.34	Horn Ant.	19.87	4.5	1	23.37	33	Pass
			RB25#25	23.46	Horn Ant.	19.92	4.5	1	23.42	33	Pass
			RB50#0	23.48	Horn Ant.	19.93	4.5	1	23.43	33	Pass

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

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

b, SGP=Signal Generator Level

2Appendix_B: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND 17	LTE/TM1	5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.49	4.90	Pass
		10	LCH	RB50#0	9.00	9.62	Pass
			MCH	RB50#0	9.01	9.66	Pass
			HCH	RB50#0	9.01	9.59	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.90	Pass
			MCH	RB25#0	4.51	4.91	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	8.99	9.62	Pass
			MCH	RB50#0	8.99	9.61	Pass
			HCH	RB50#0	8.99	9.62	Pass

Part II - Test Plots

2.1 For LTE

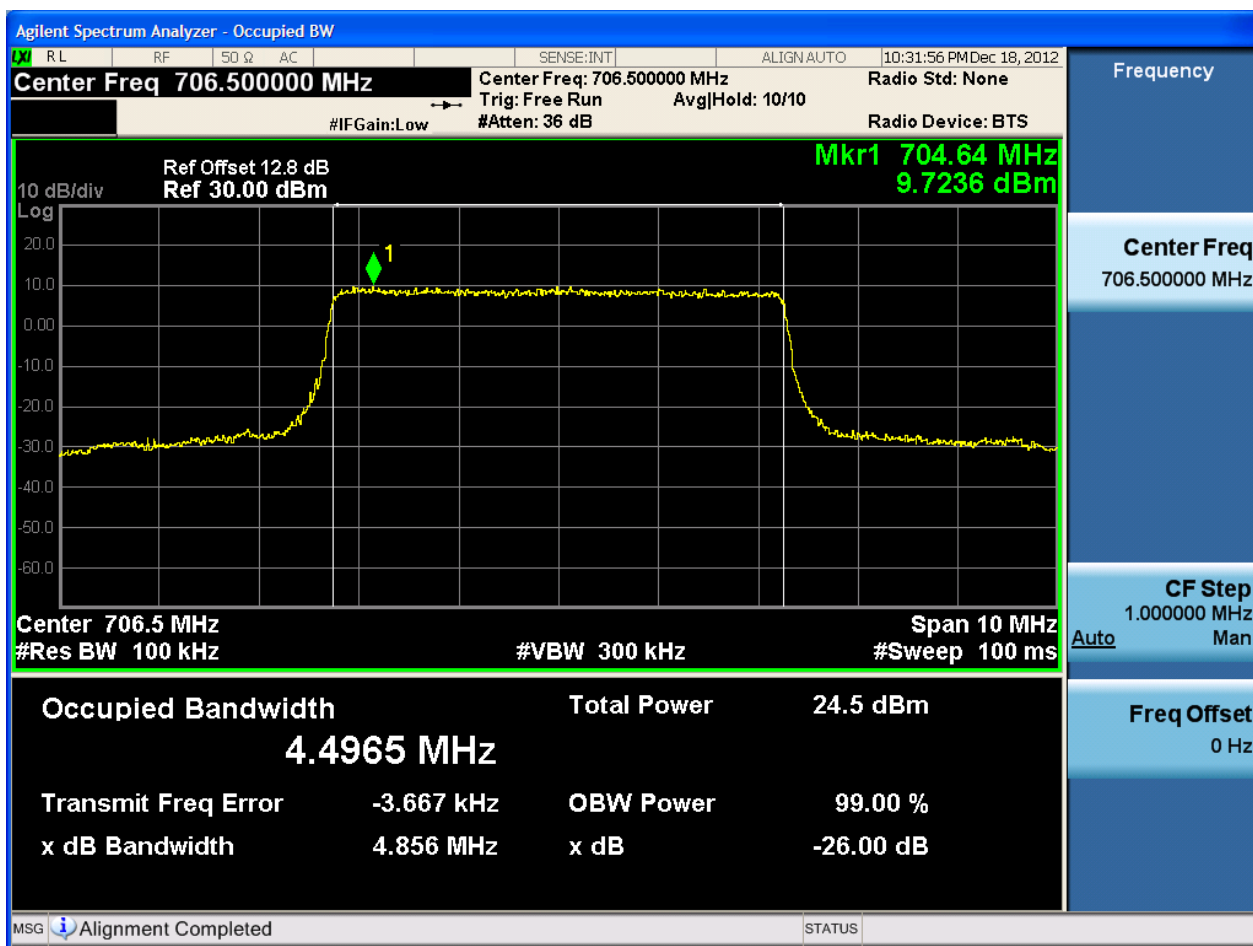
2.1.1 Test Band = BAND17

2.1.1.1 Test Mode = LTE/TM1

2.1.1.1.1 Test Bandwidth = 5

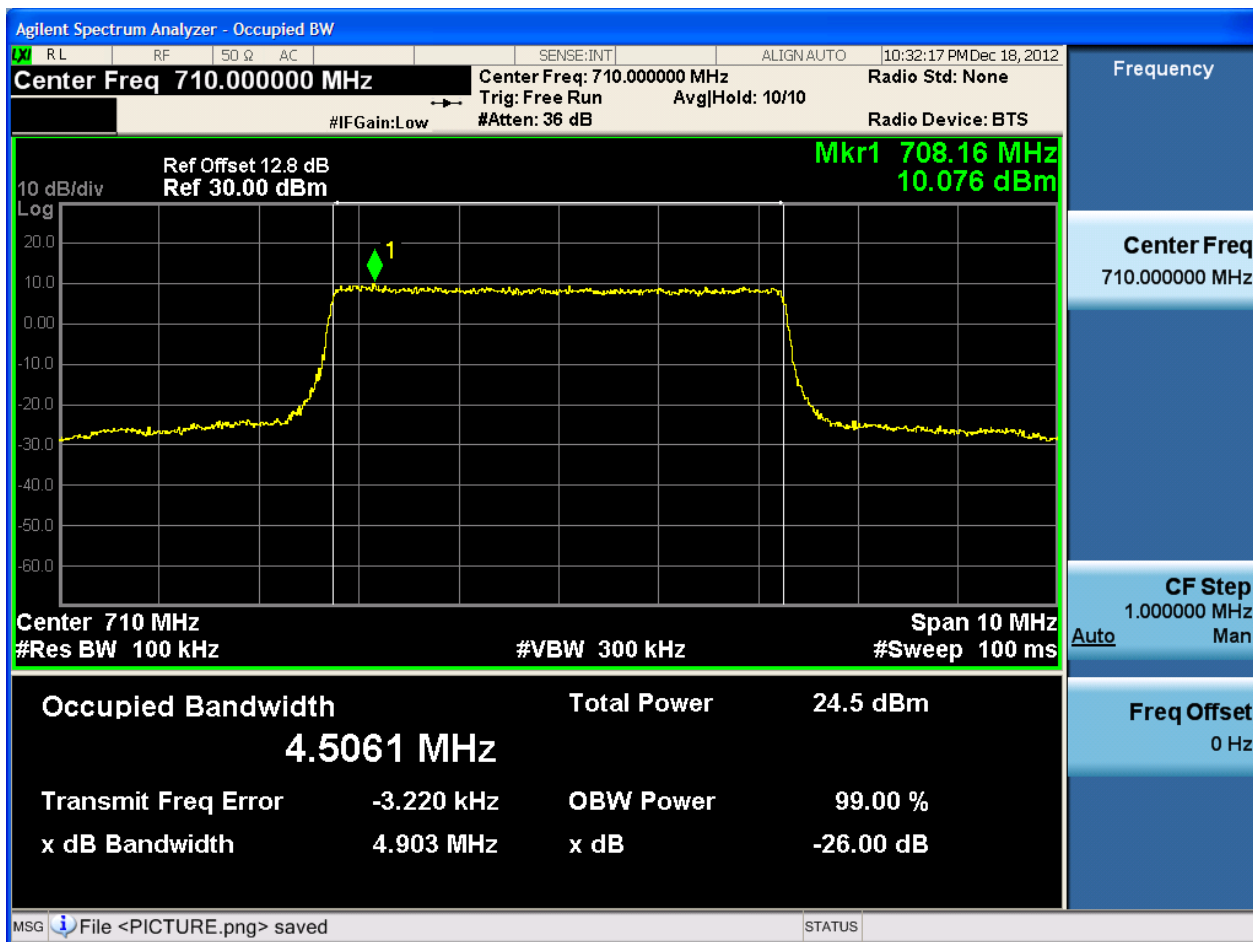
2.1.1.1.1.1 Test Channel = LCH

2.1.1.1.1.1.1 Test RB = RB25#0



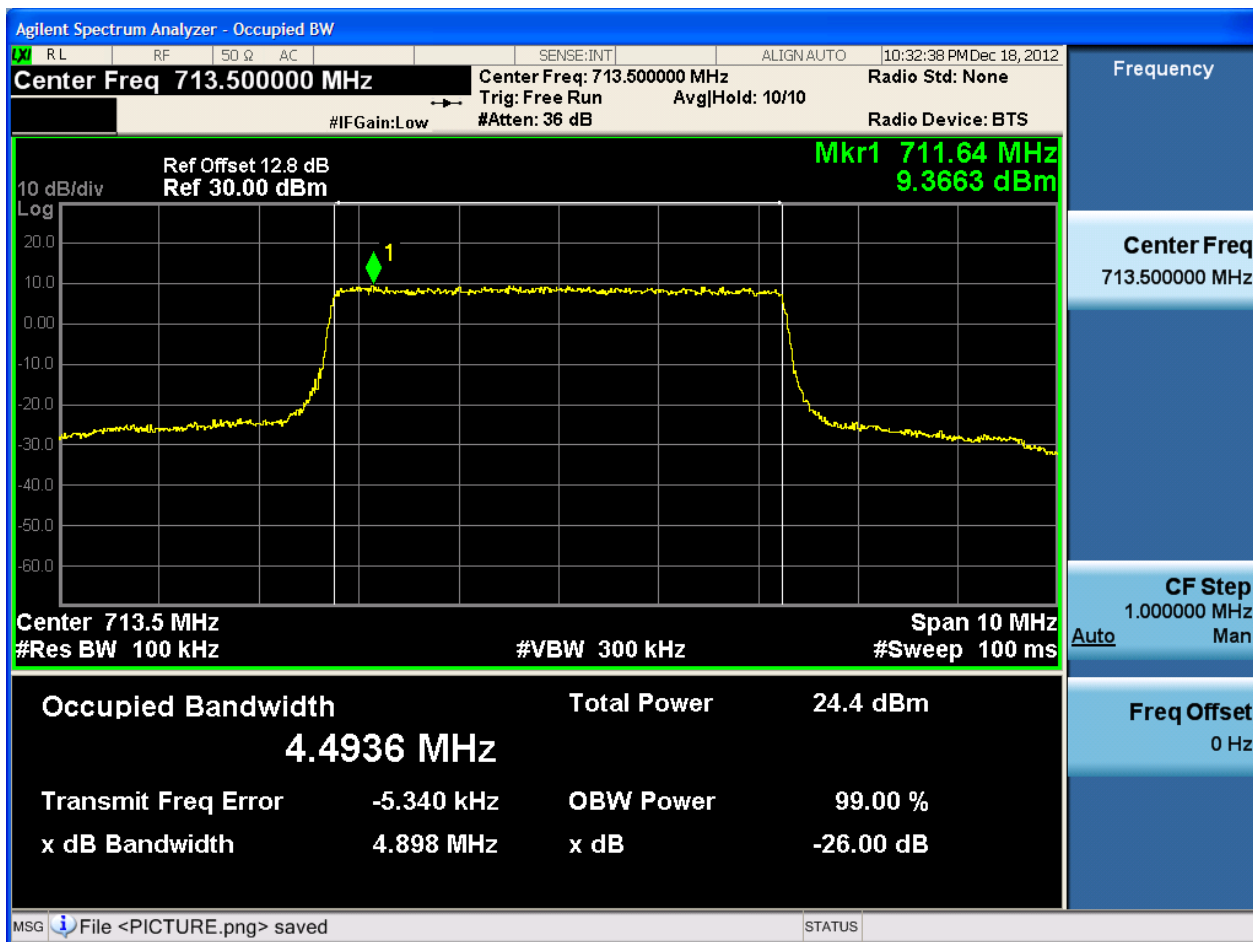
2.1.1.1.1.2 Test Channel = MCH

2.1.1.1.1.2.1 Test RB = RB25#0



2.1.1.1.1.3 Test Channel = HCH

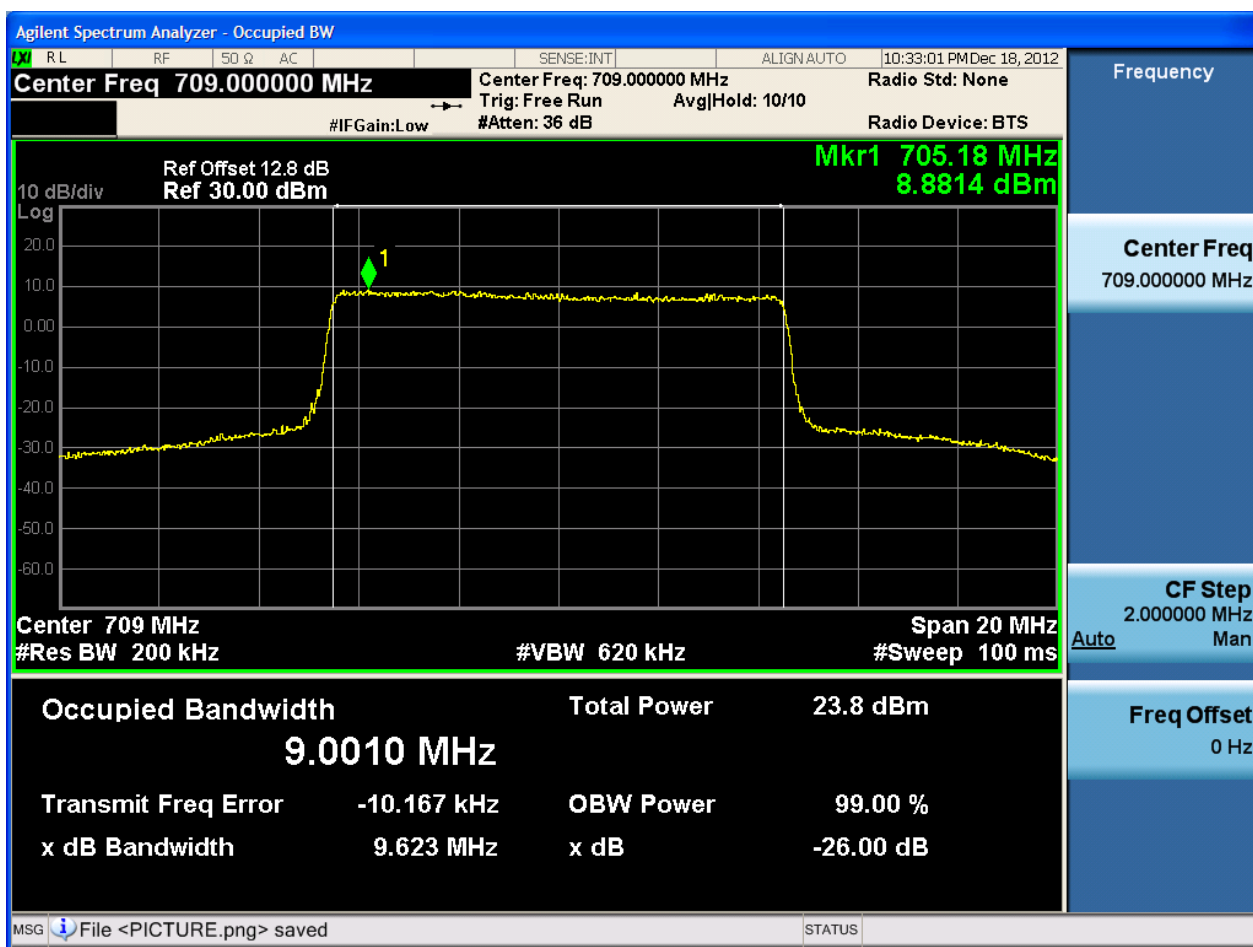
2.1.1.1.1.2.1 Test RB = RB25#0



2.1.1.1.2 Test Bandwidth = 10

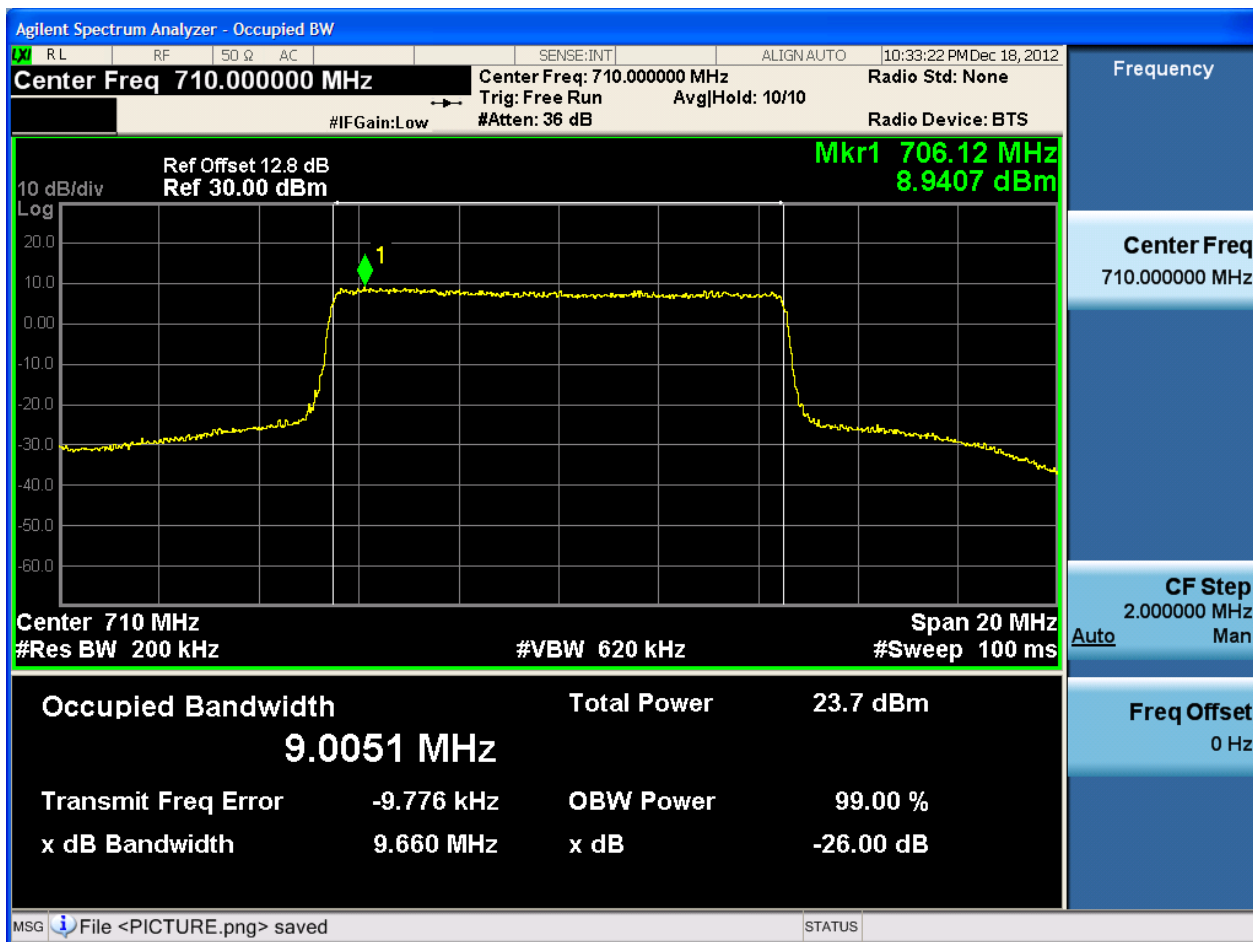
2.1.1.1.2.1 Test Channel = LCH

2.1.1.1.2.1.1 Test RB = RB50#0



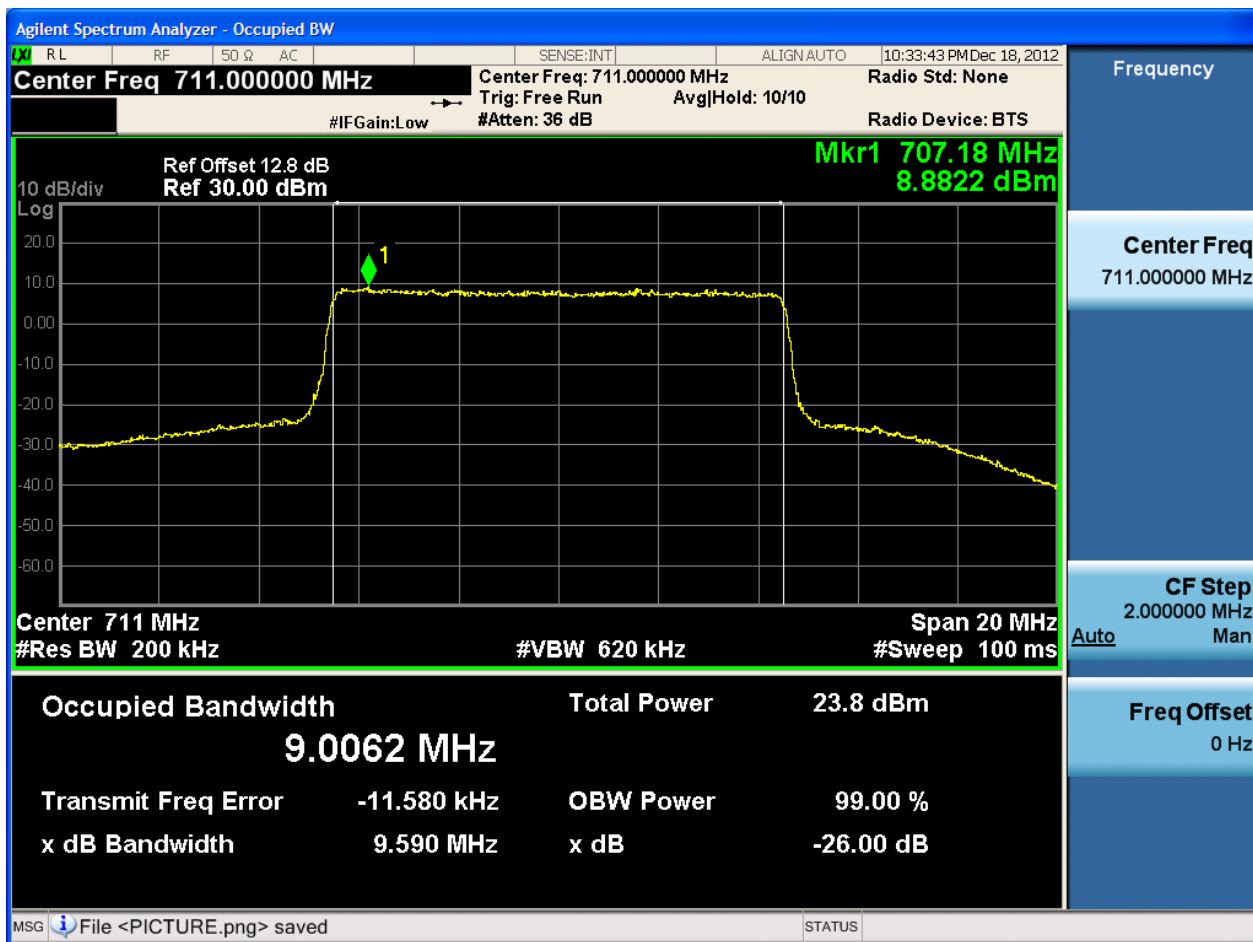
2.1.1.1.2.2 Test Channel = MCH

2.1.1.1.2.2.1 Test RB = RB50#0



2.1.1.1.2.3 Test Channel = HCH

2.1.1.1.2.2.1 Test RB = RB50#0



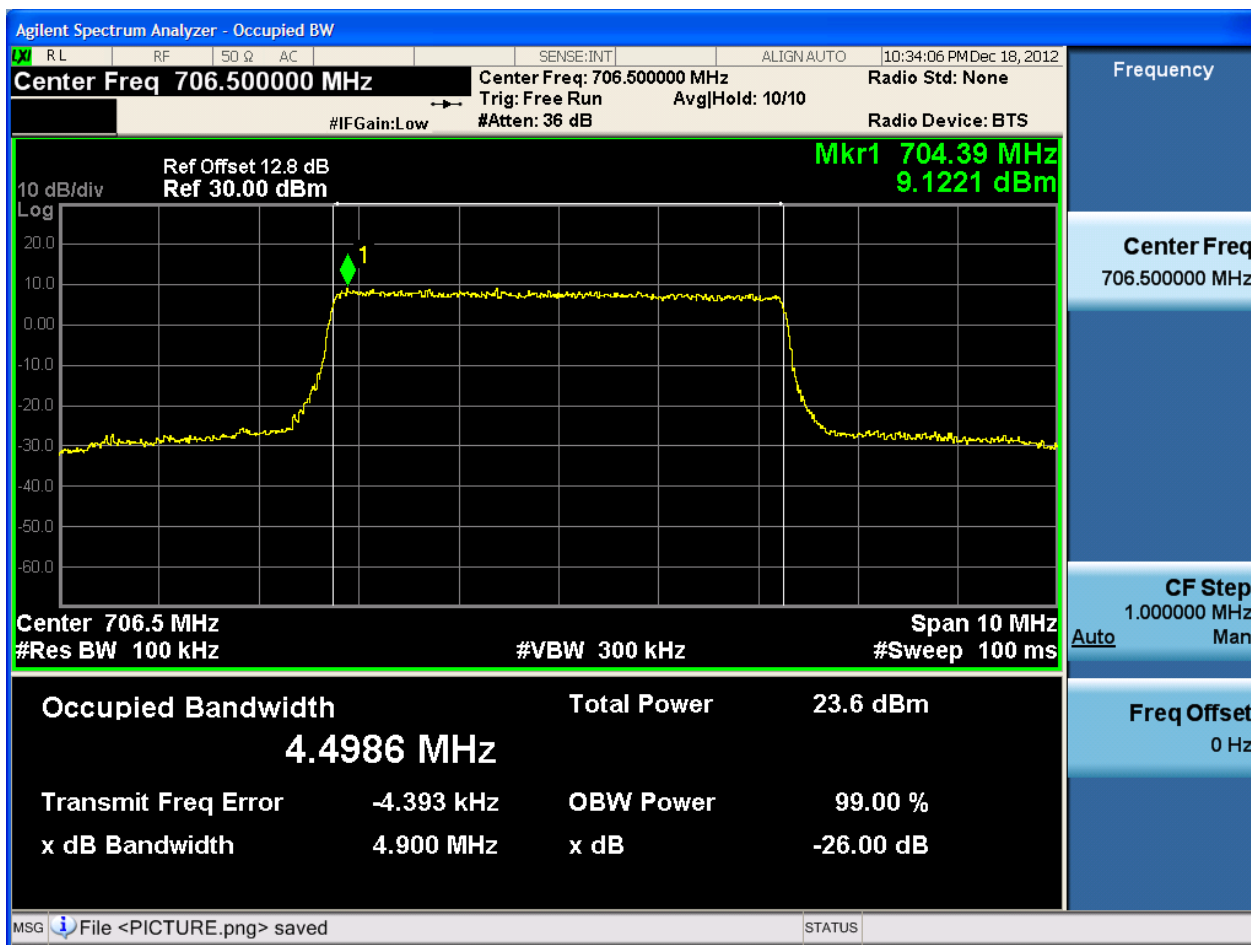


2.1.1.2 Test Mode = LTE/TM2

2.1.1.2.1 Test Bandwidth = 5

2.1.1.2.1.1 Test Channel = LCH

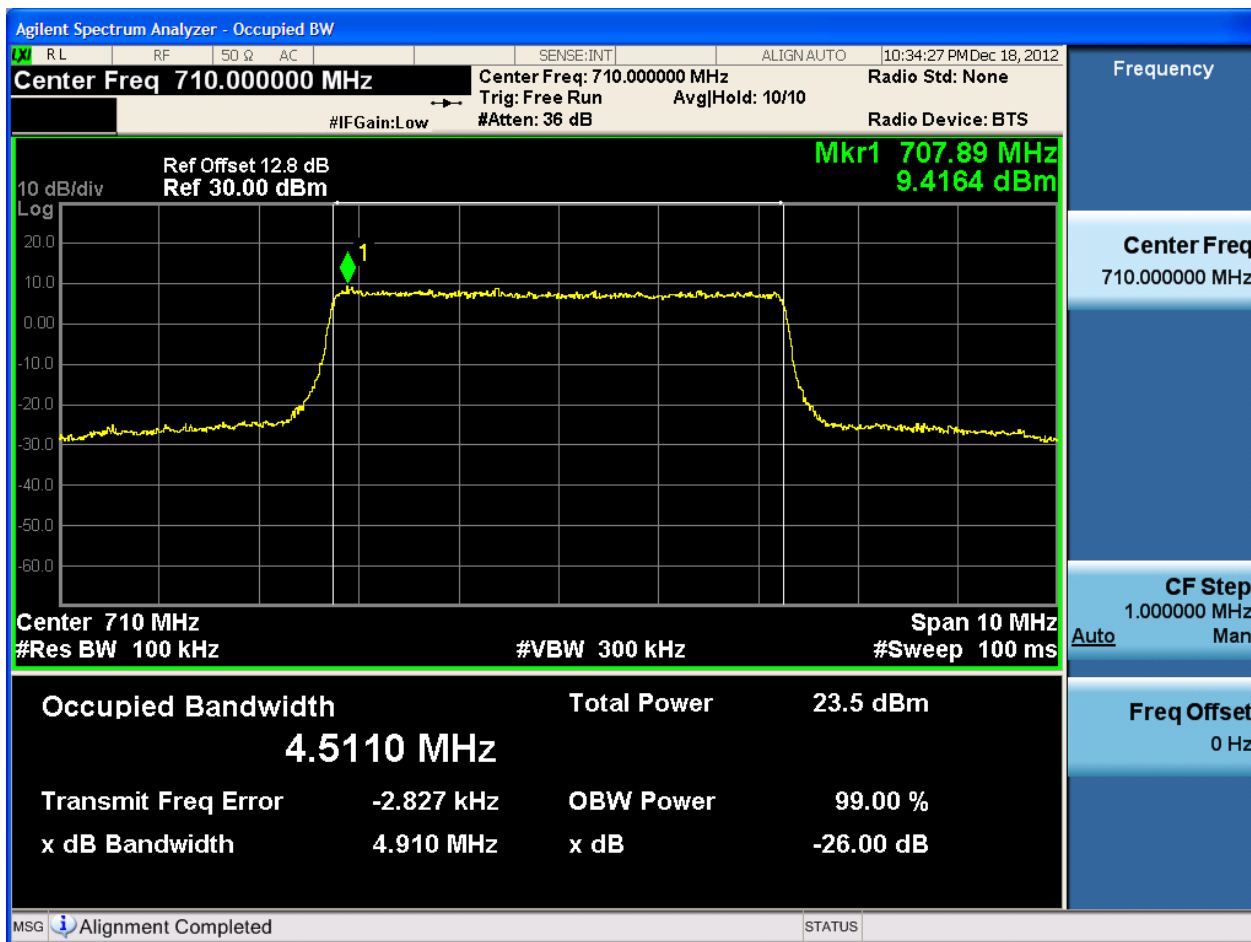
2.1.1.2.1.1.1 Test RB = RB25#0





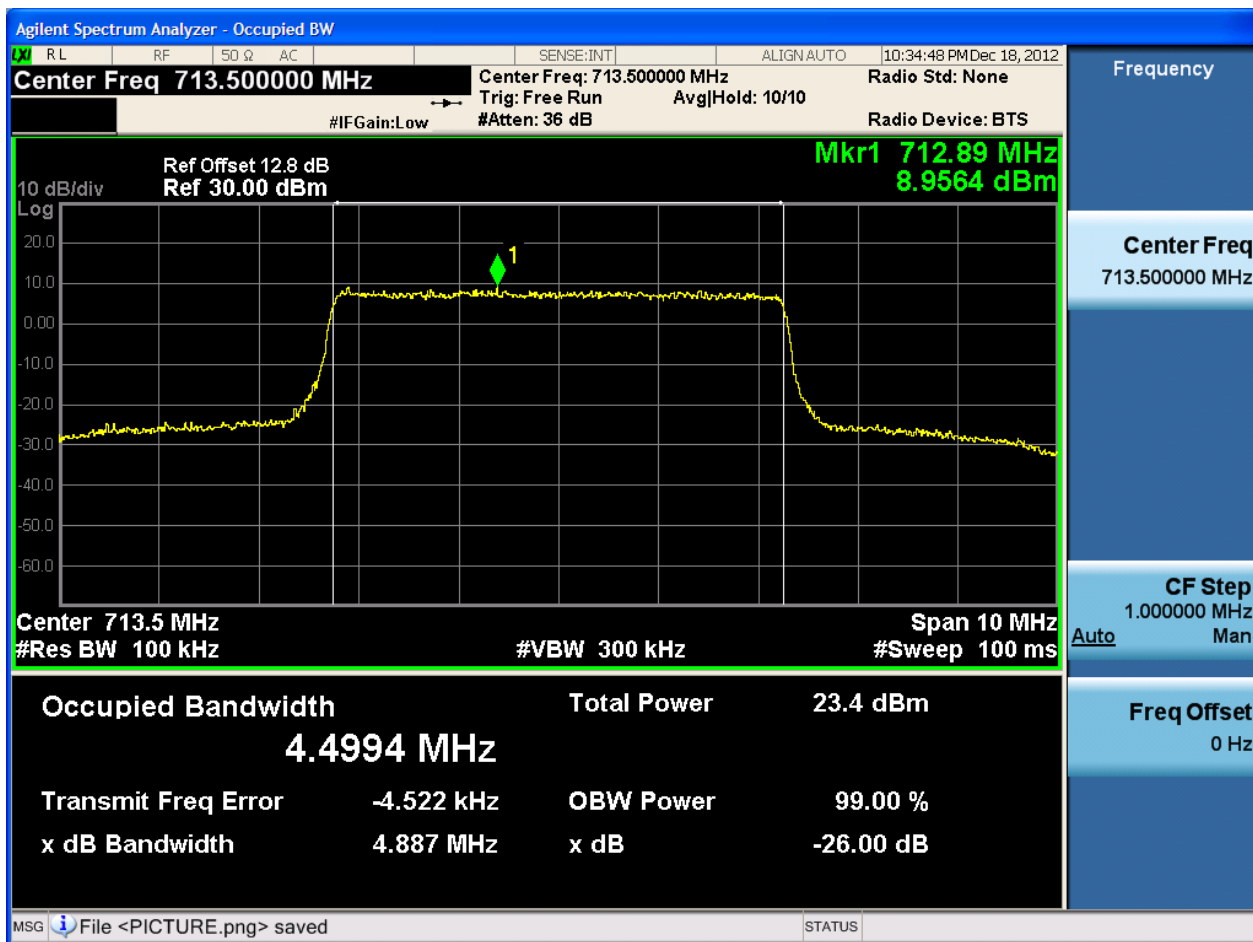
2.1.1.2.1.2 Test Channel = MCH

2.1.1.2.1.2.1 Test RB = RB25#0



2.1.1.2.1.3 Test Channel = HCH

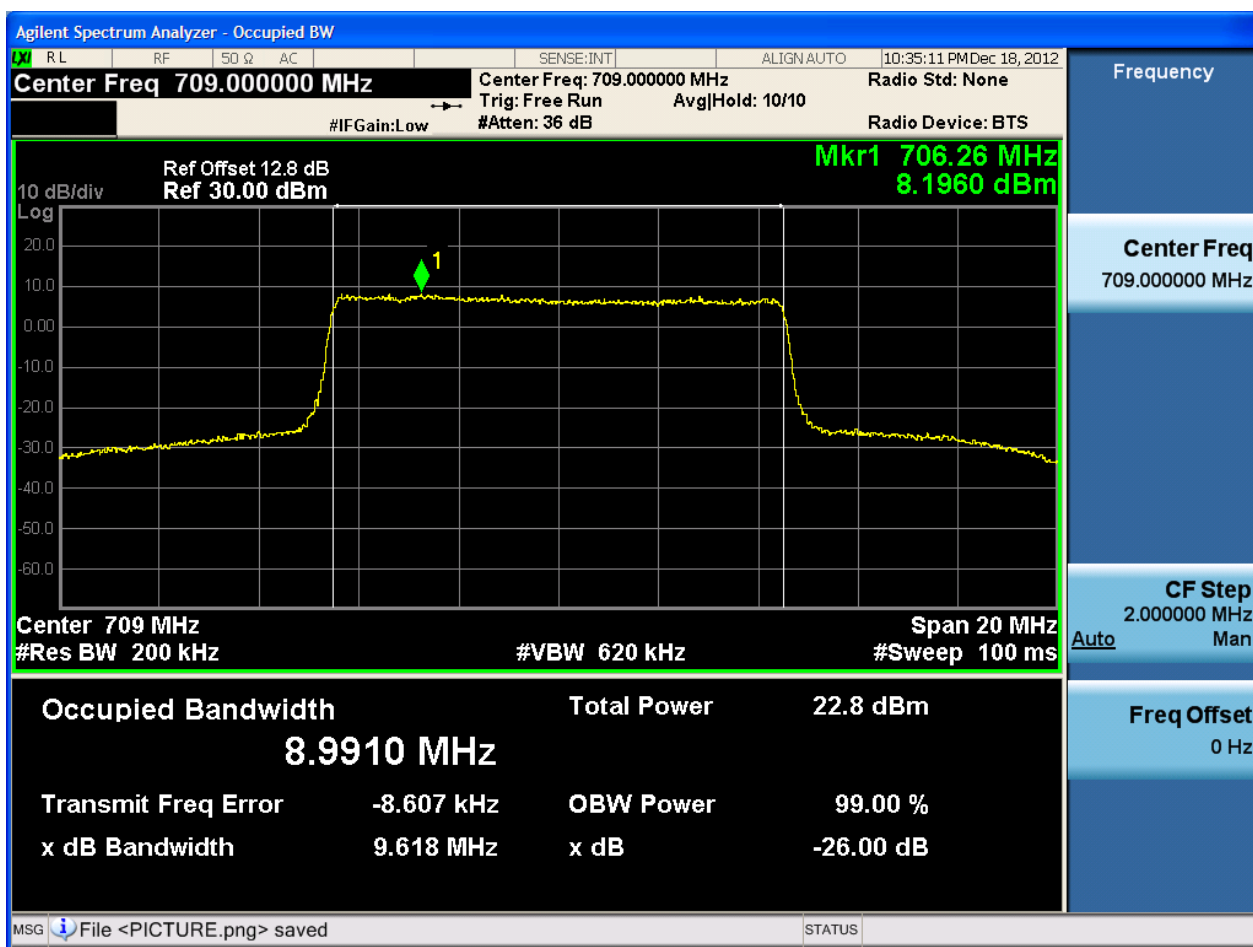
2.1.1.2.1.2.1 Test RB = RB25#0



2.1.1.2.2 Test Bandwidth = 10

2.1.1.2.2.1 Test Channel = LCH

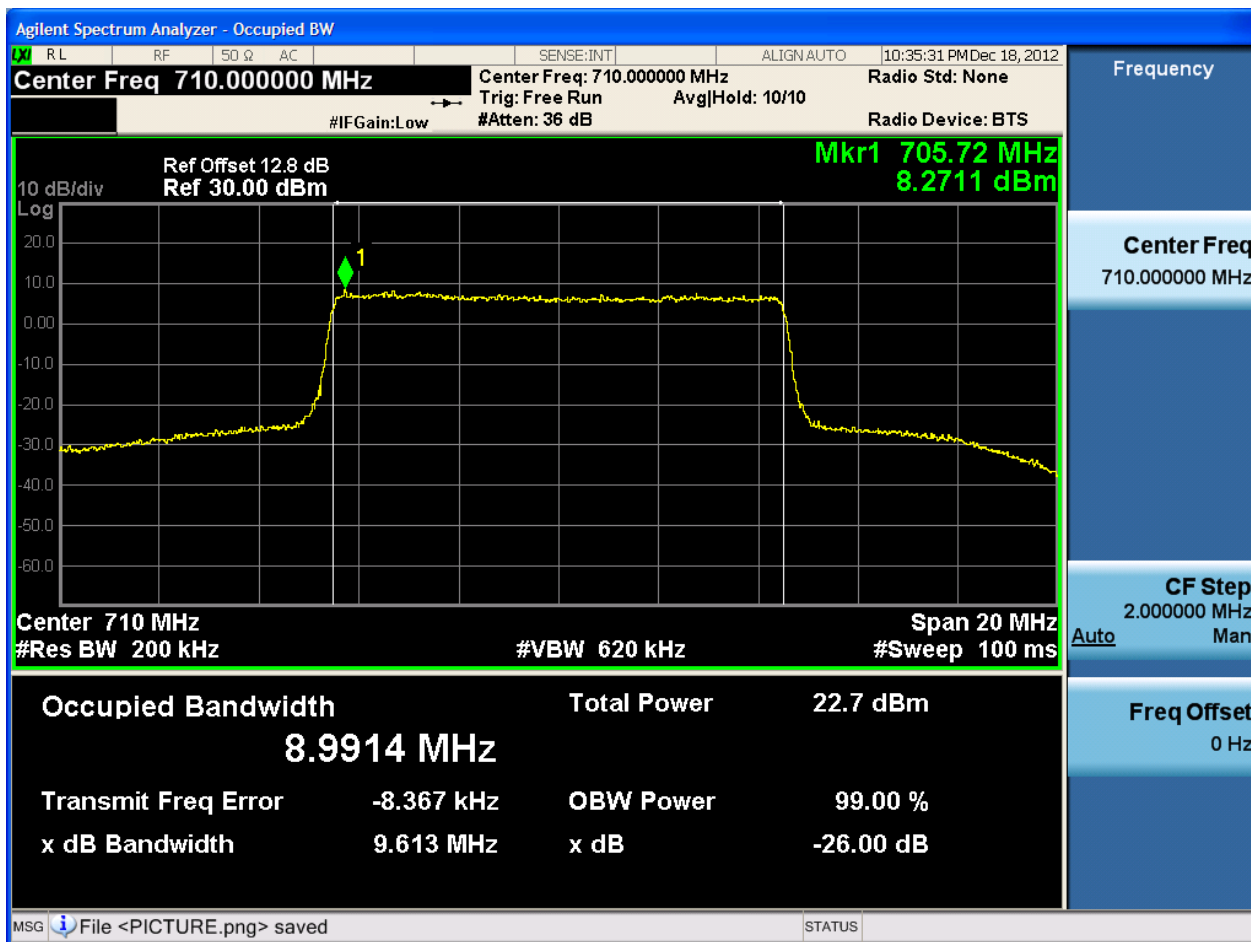
2.1.1.2.2.1.1 Test RB = RB50#0





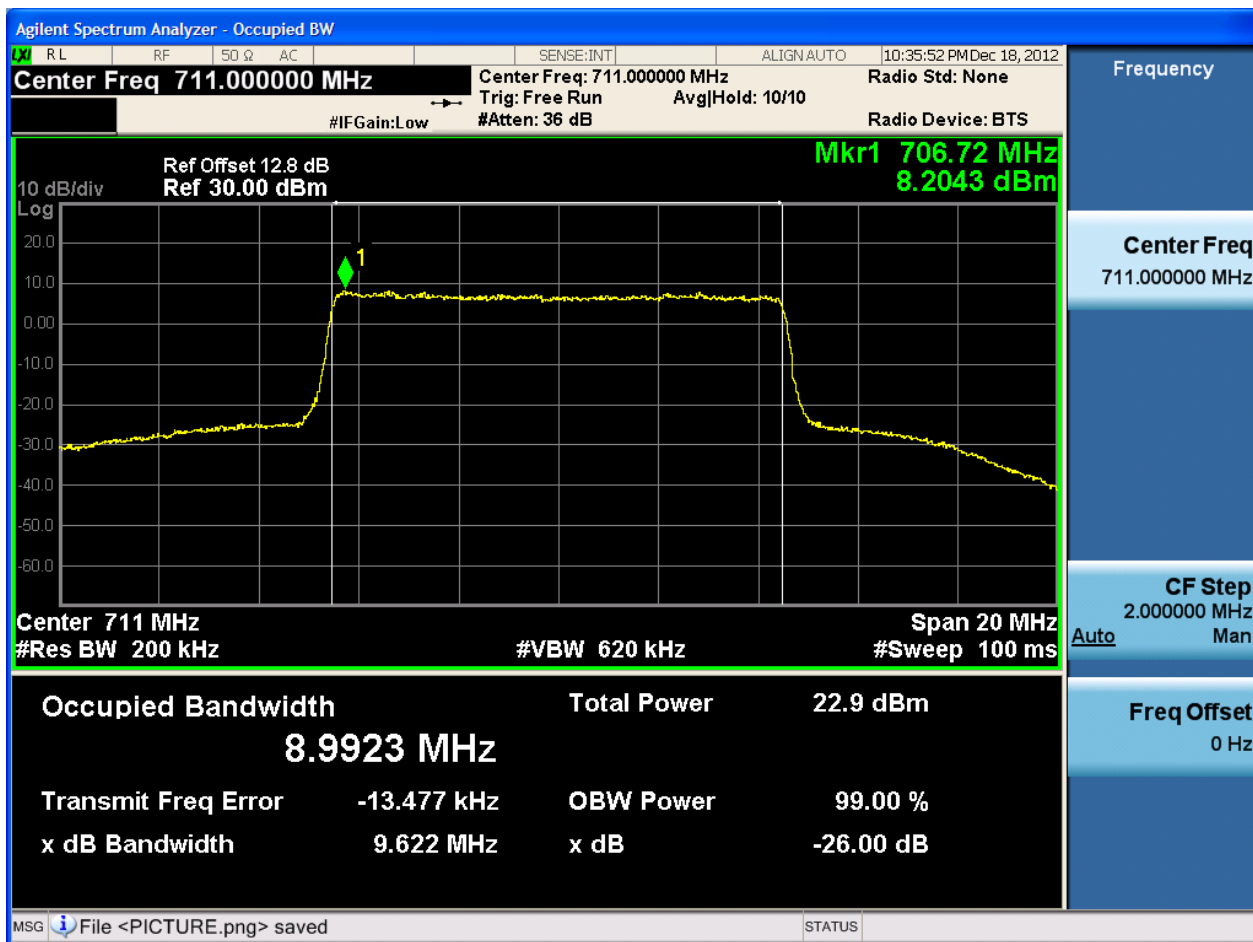
2.1.1.2.2.2 Test Channel = MCH

2.1.1.2.2.2.1 Test RB = RB50#0



2.1.1.2.2.3 Test Channel = HCH

2.1.1.2.2.2.1 Test RB = RB50#0



3Appendix_C: Band Edges Compliance

Part I - Test Plots

3.1 For LTE

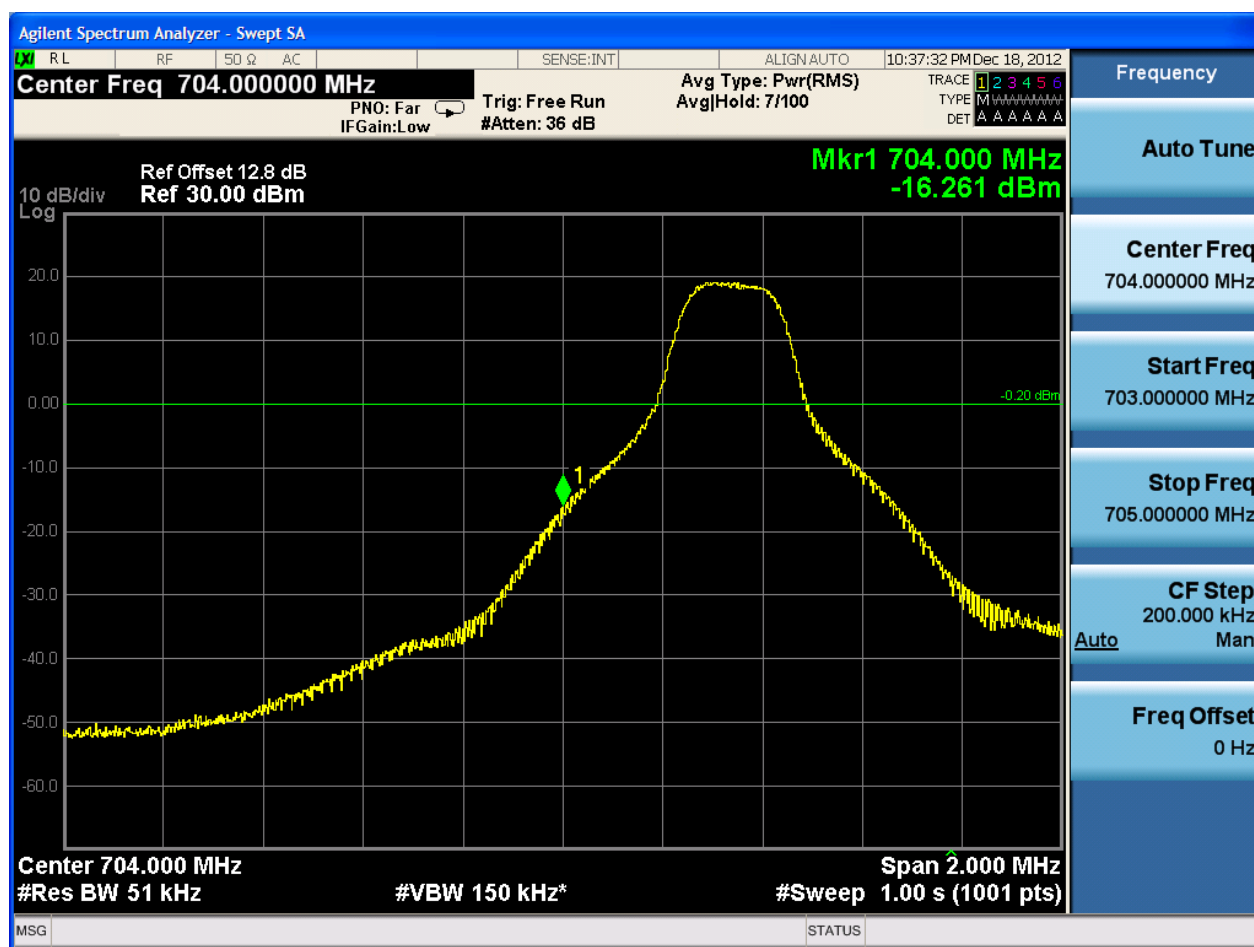
3.1.1 Test Band = BAND17

3.1.1.1 Test Mode = LTE/TM1

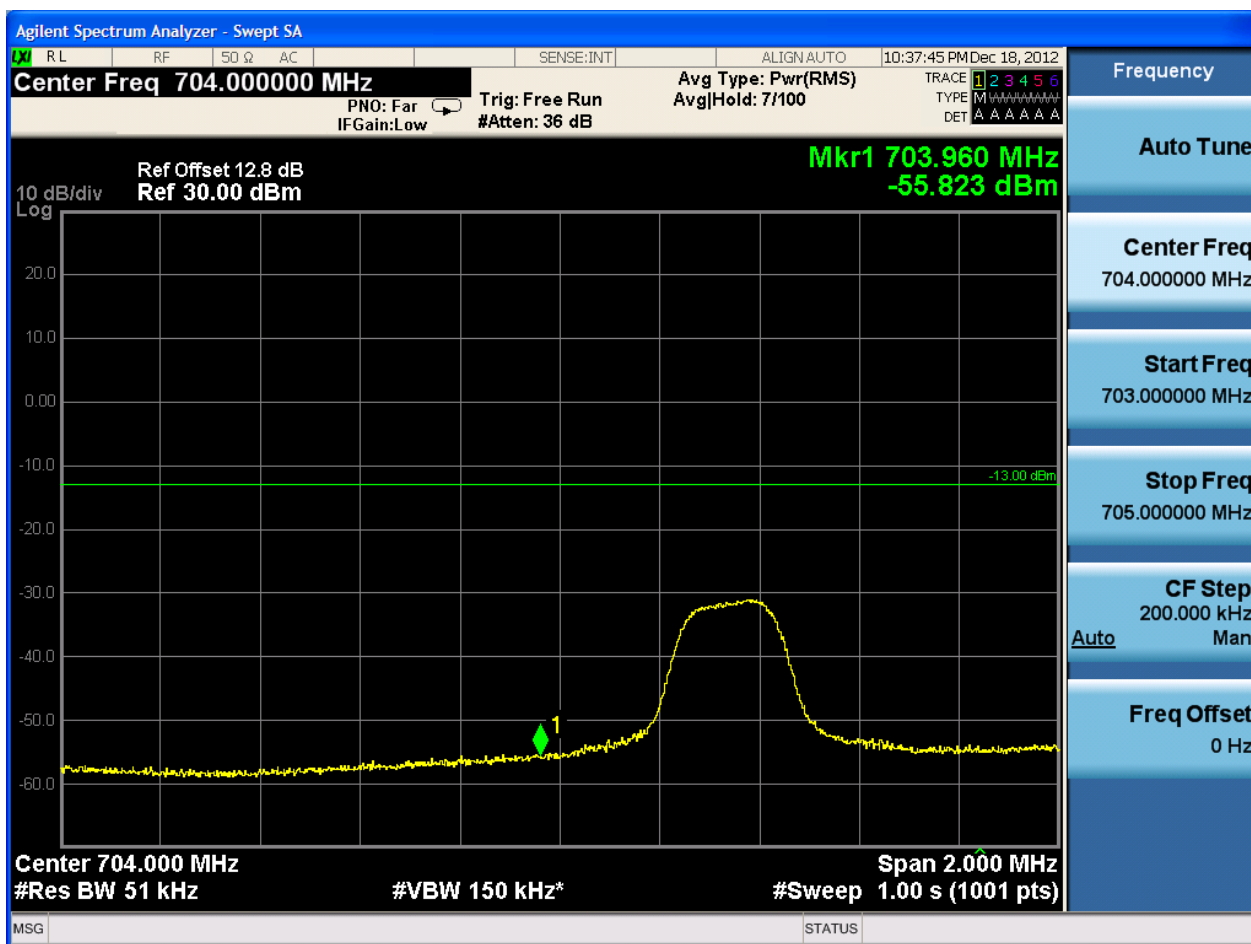
3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = LCH

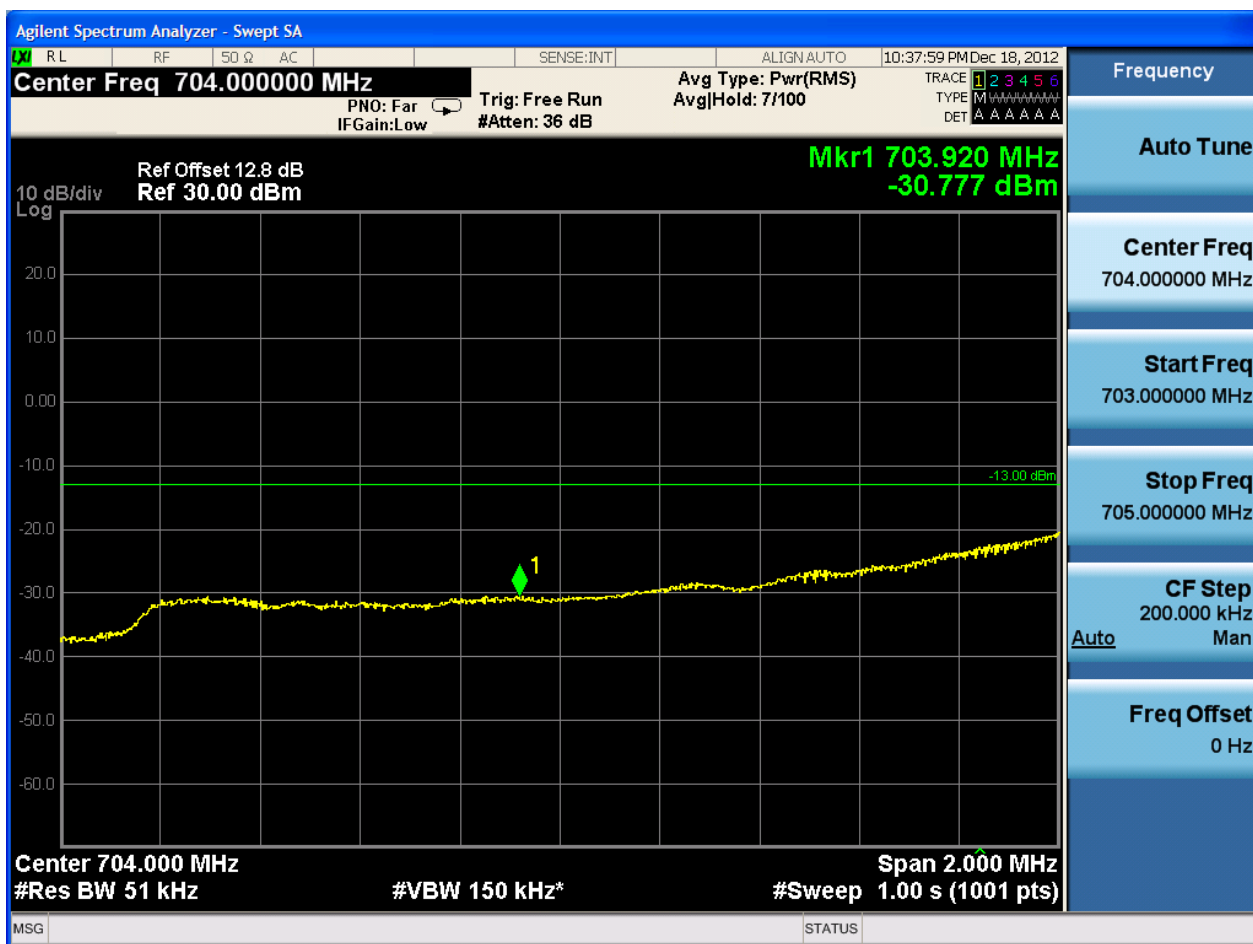
3.1.1.1.1.1.1 Test RB = RB1#0



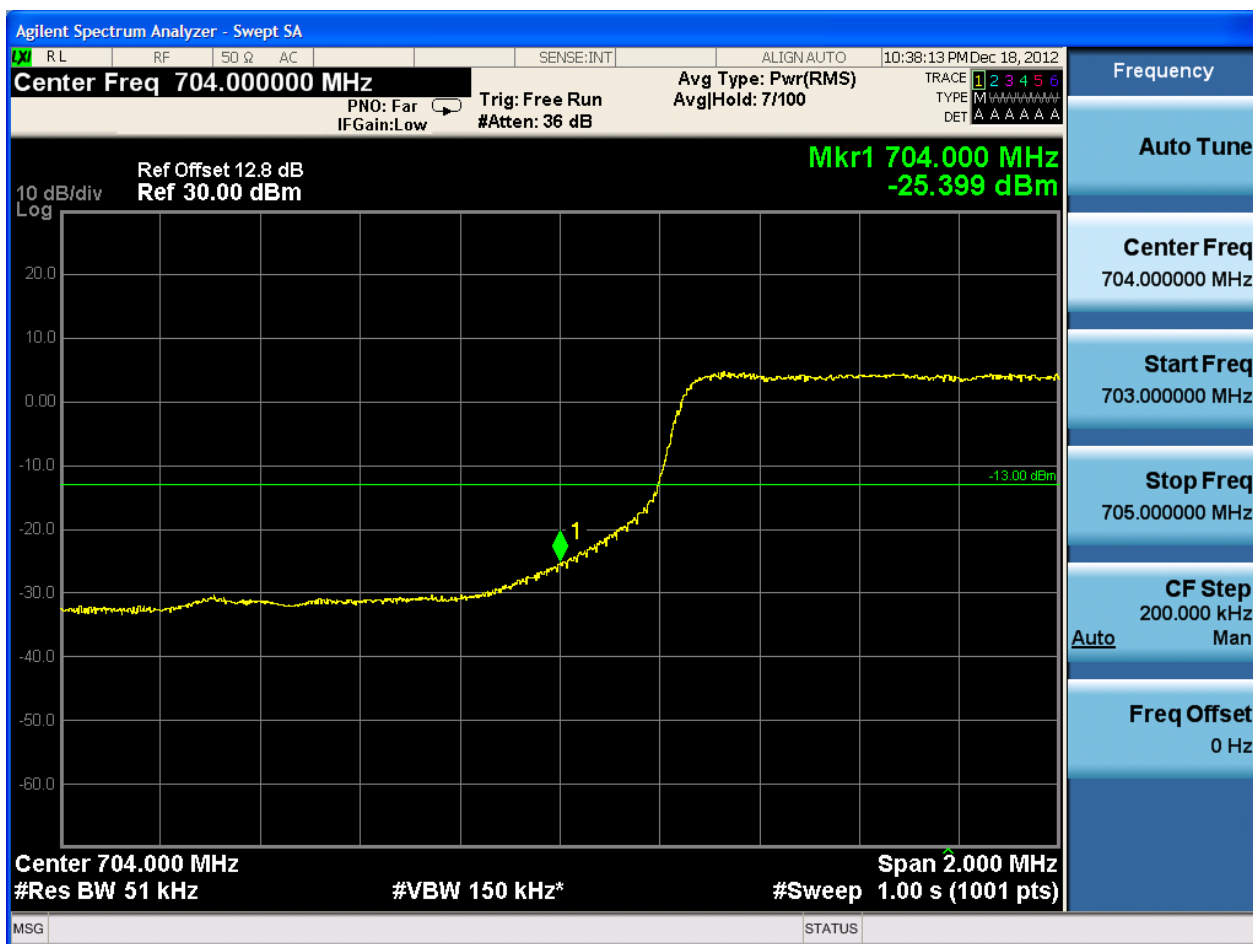
3.1.1.1.1.2 Test RB = RB1#24



3.1.1.1.1.3 Test RB = RB12#6

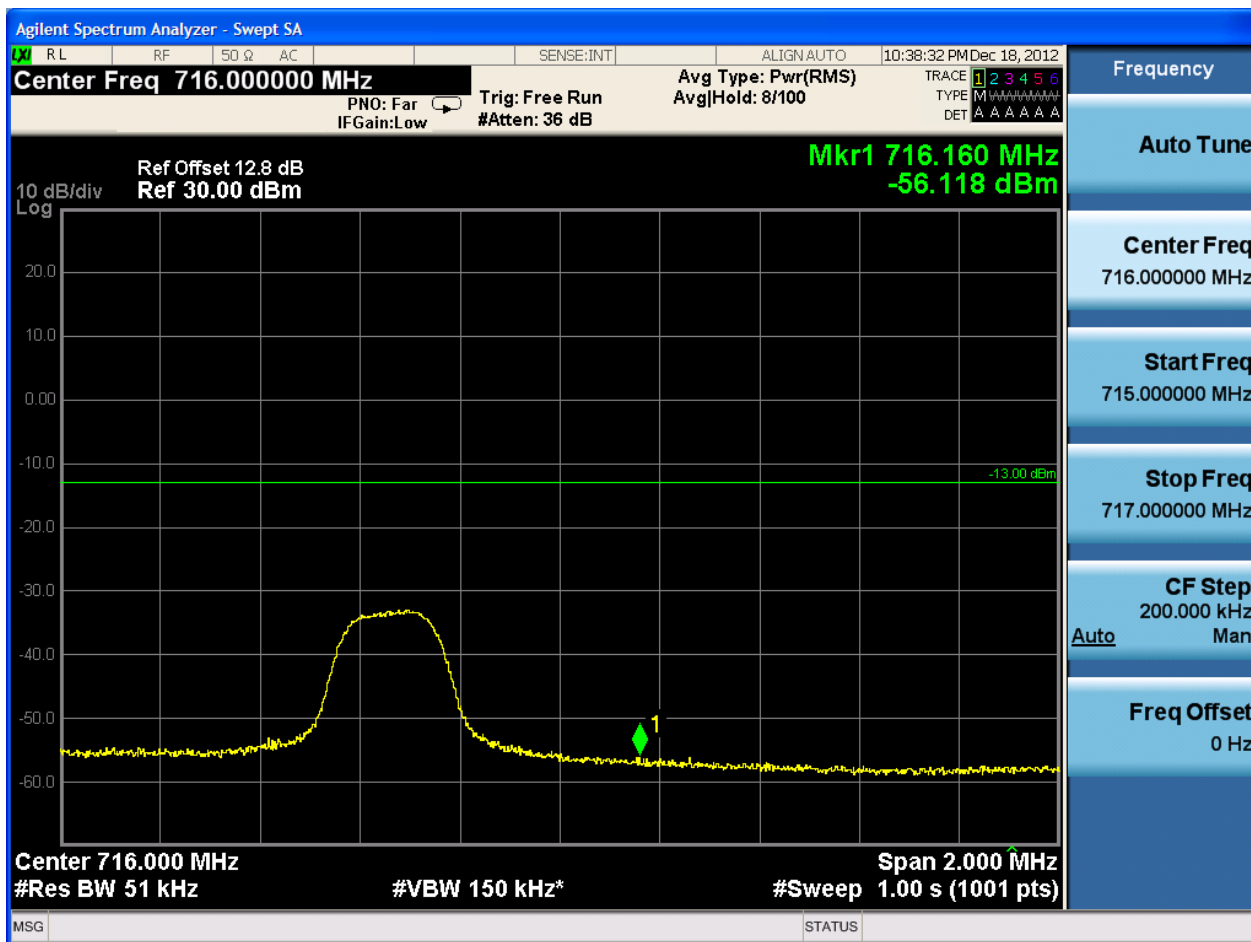


3.1.1.1.1.4 Test RB = RB25#0

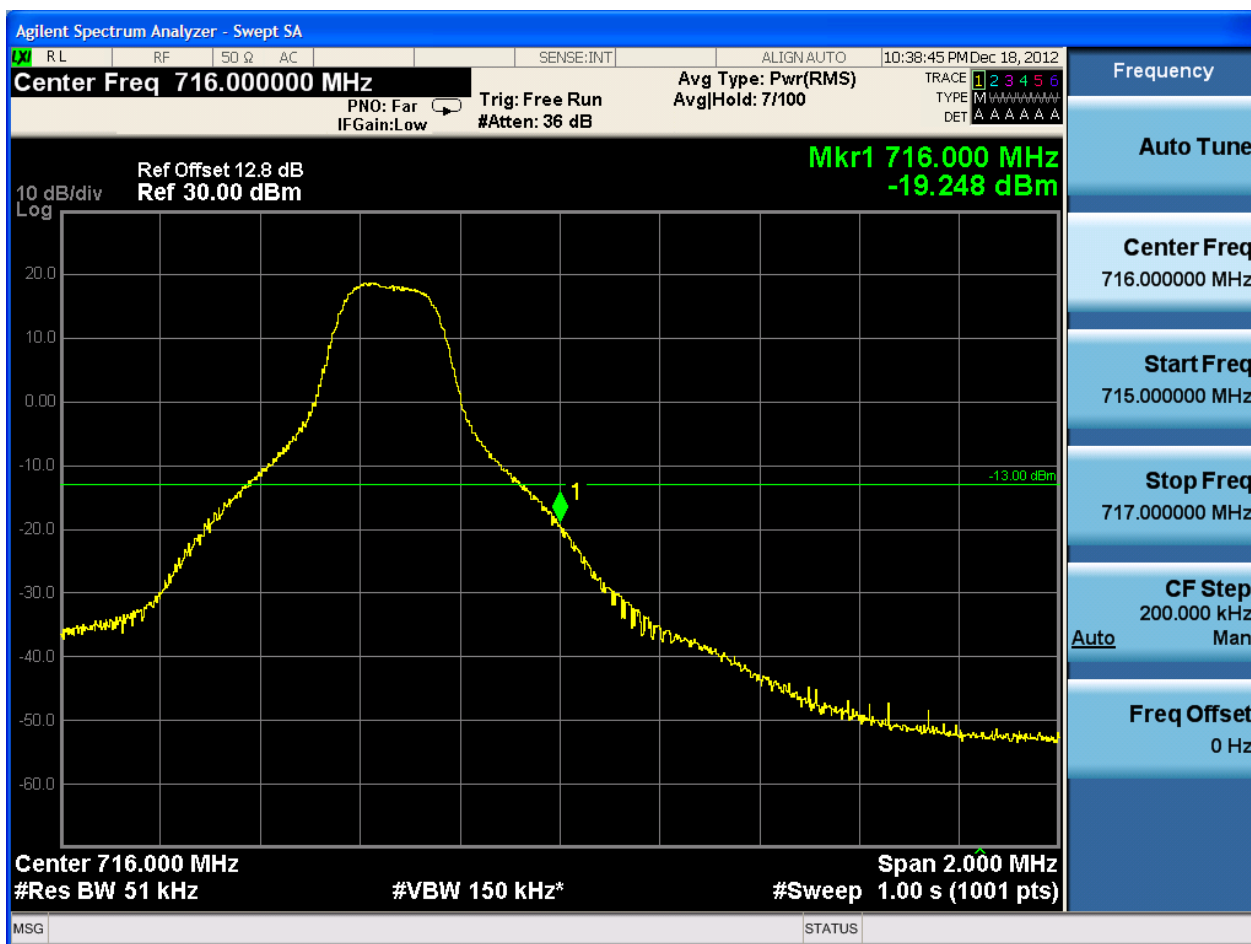


3.1.1.1.1.2 Test Channel = HCH

3.1.1.1.1.2.1 Test RB = RB1#0



3.1.1.1.2.2 Test RB = RB1#24

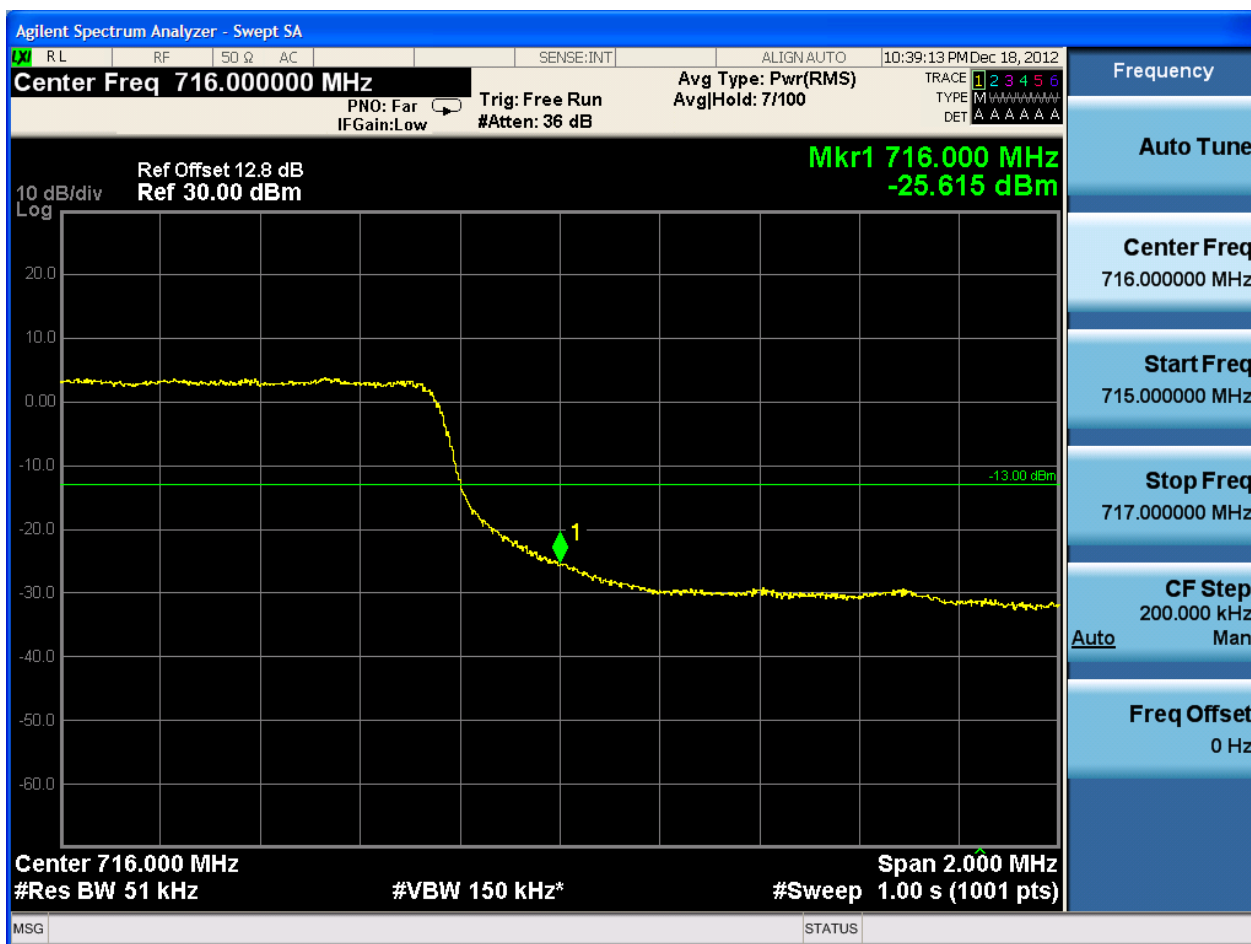


3.1.1.1.1.2.3 Test RB = RB12#6





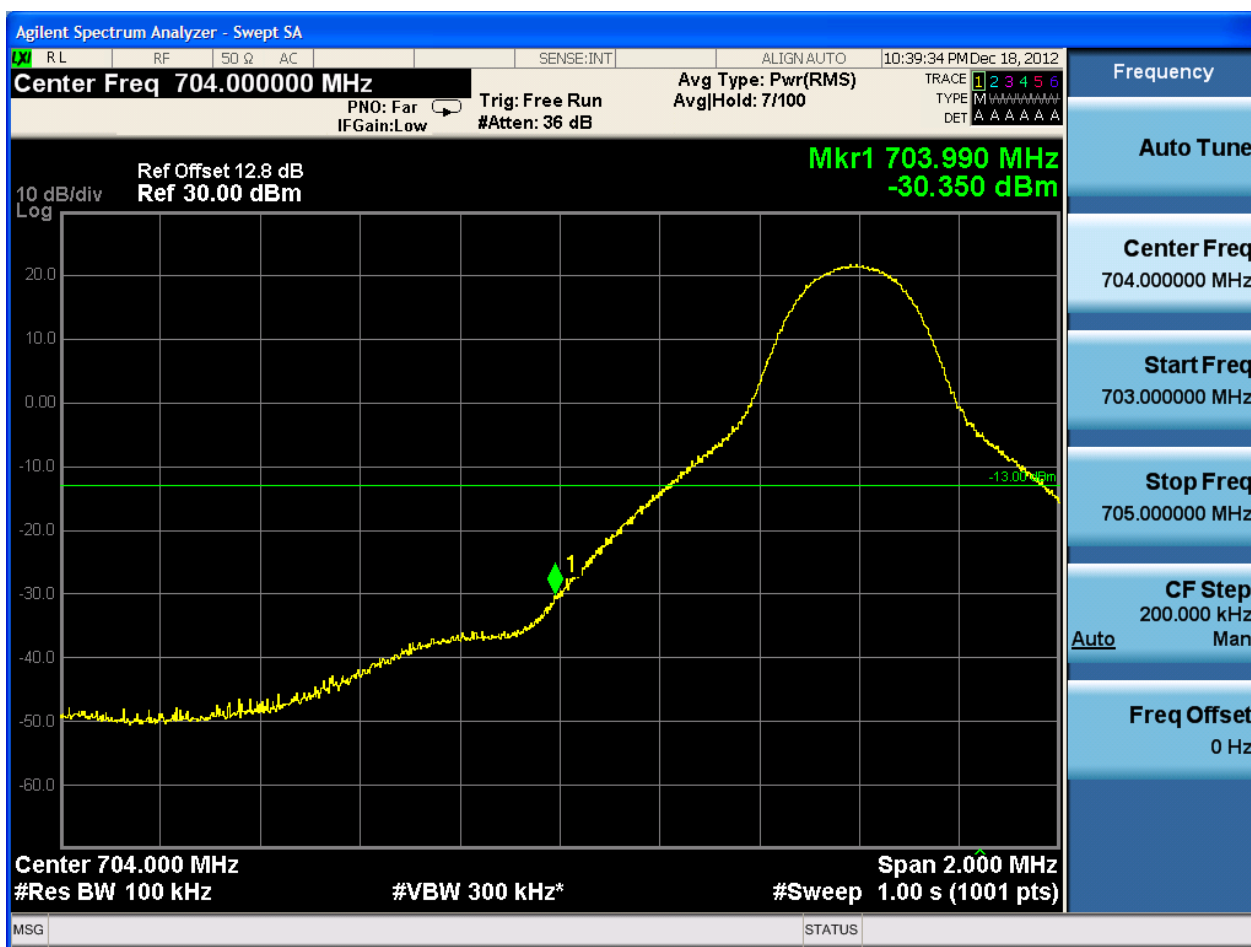
3.1.1.1.2.4 Test RB = RB25#0



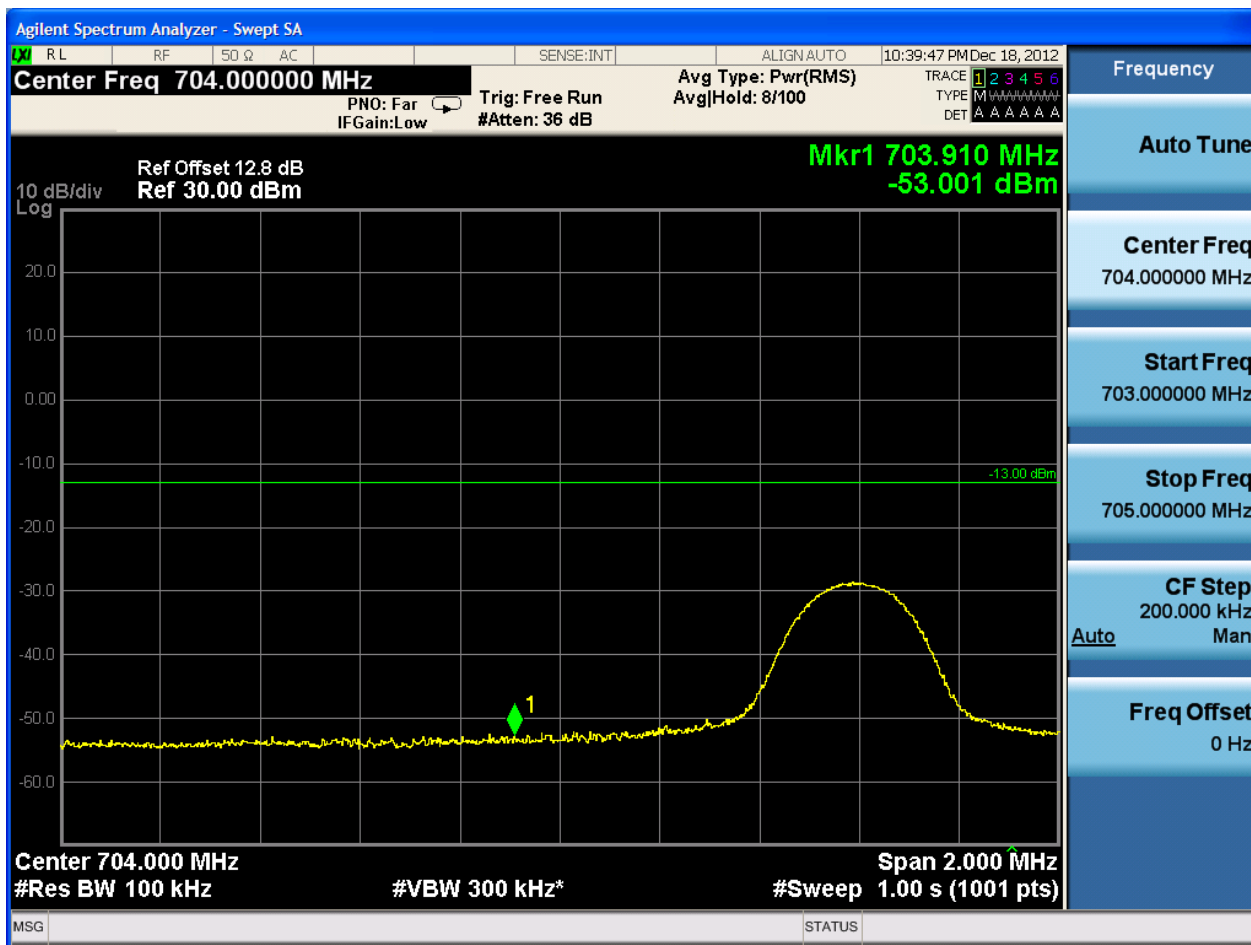
3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = LCH

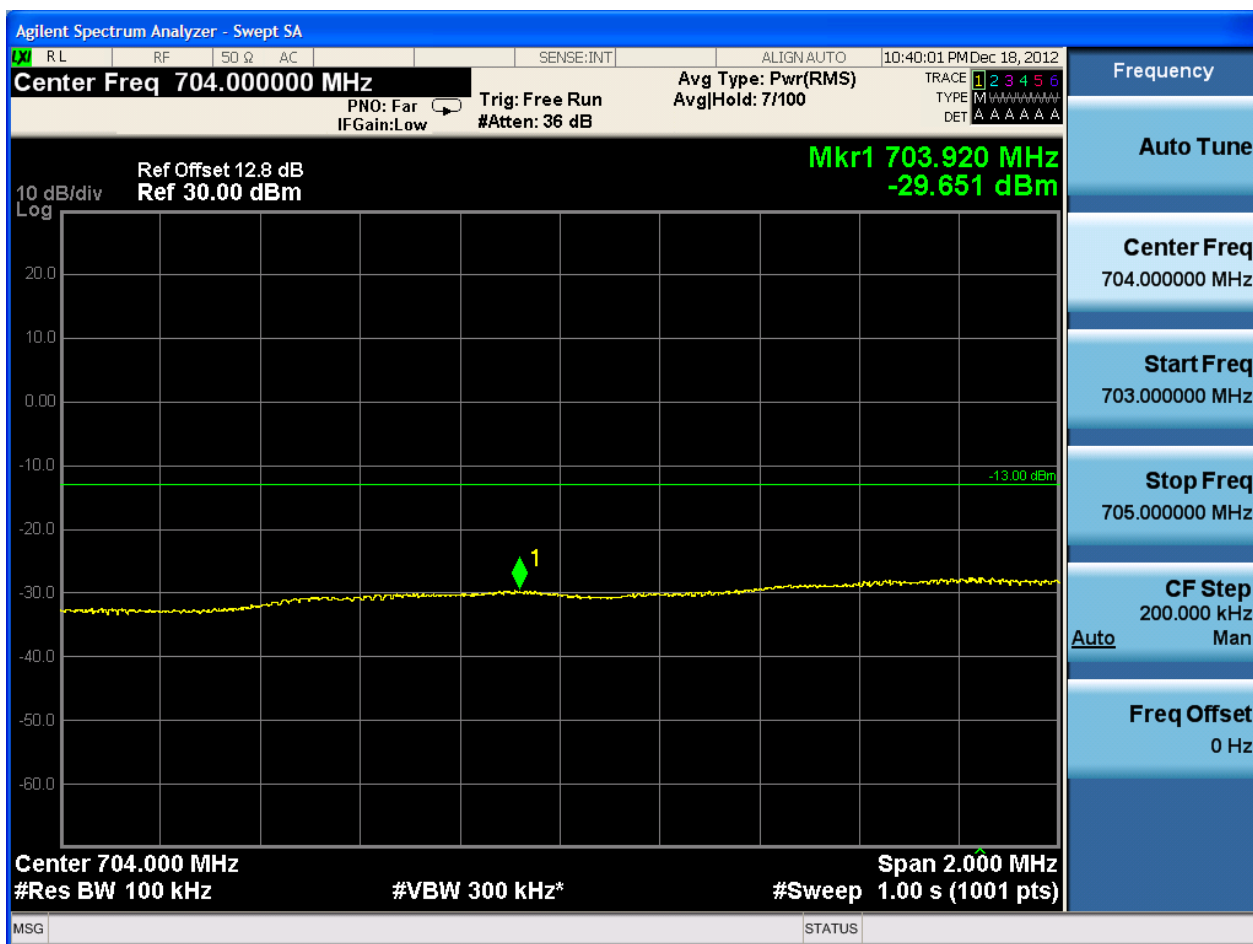
3.1.1.1.2.1.1 Test RB = RB1#0



3.1.1.1.2.1.2 Test RB = RB1#49



3.1.1.1.2.1.3 Test RB = RB25#13

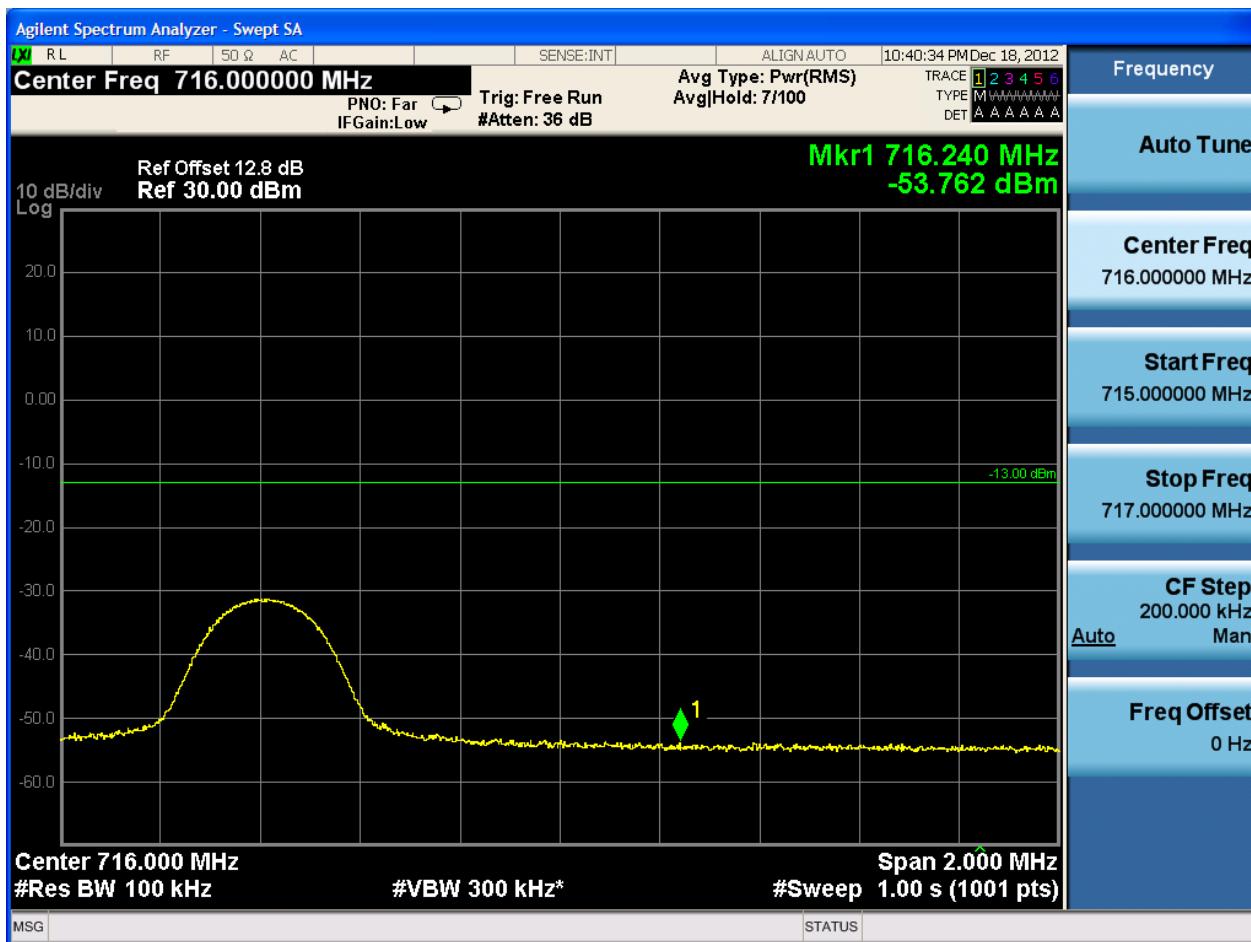


3.1.1.1.2.1.4 Test RB = RB50#0

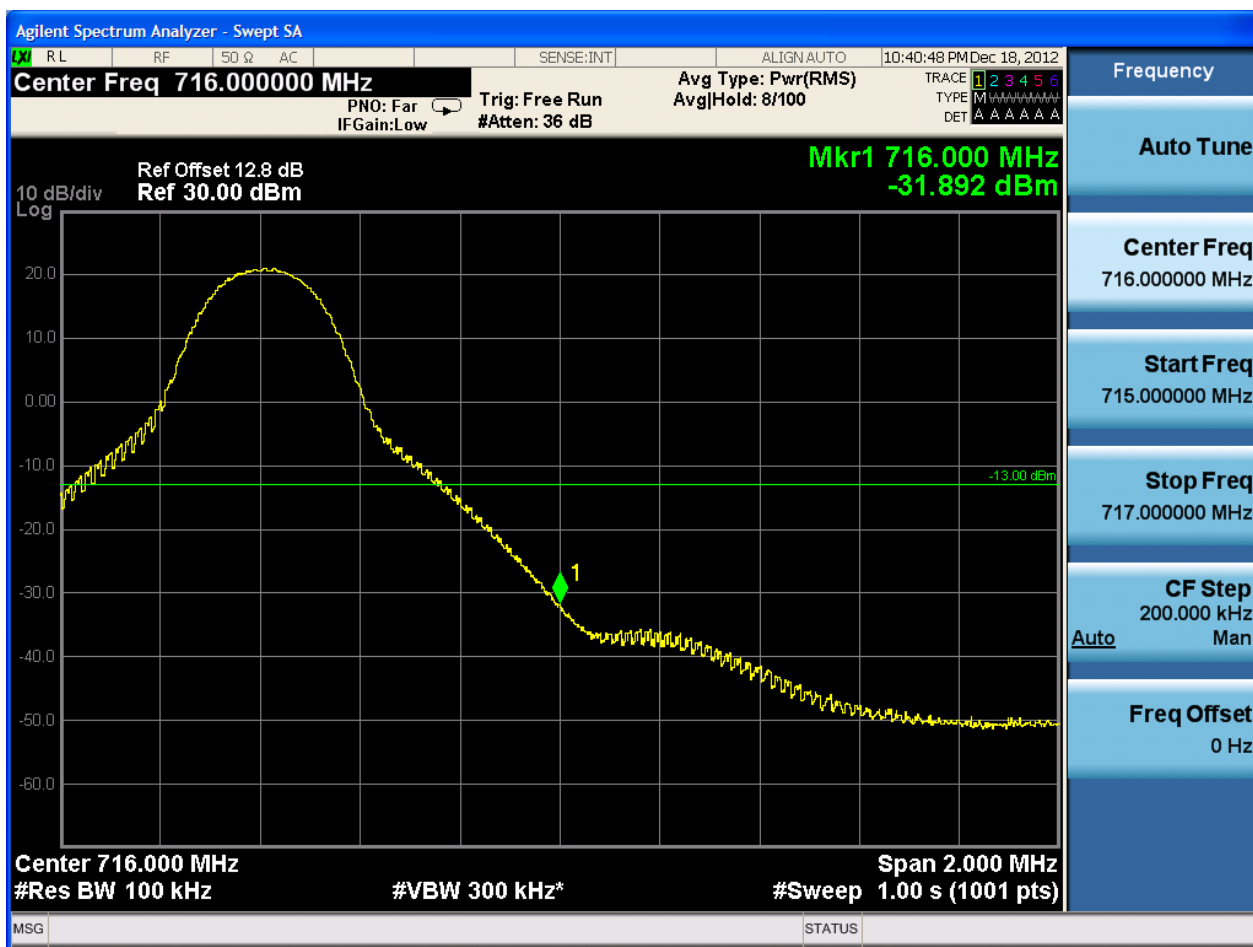


3.1.1.1.2.2 Test Channel = HCH

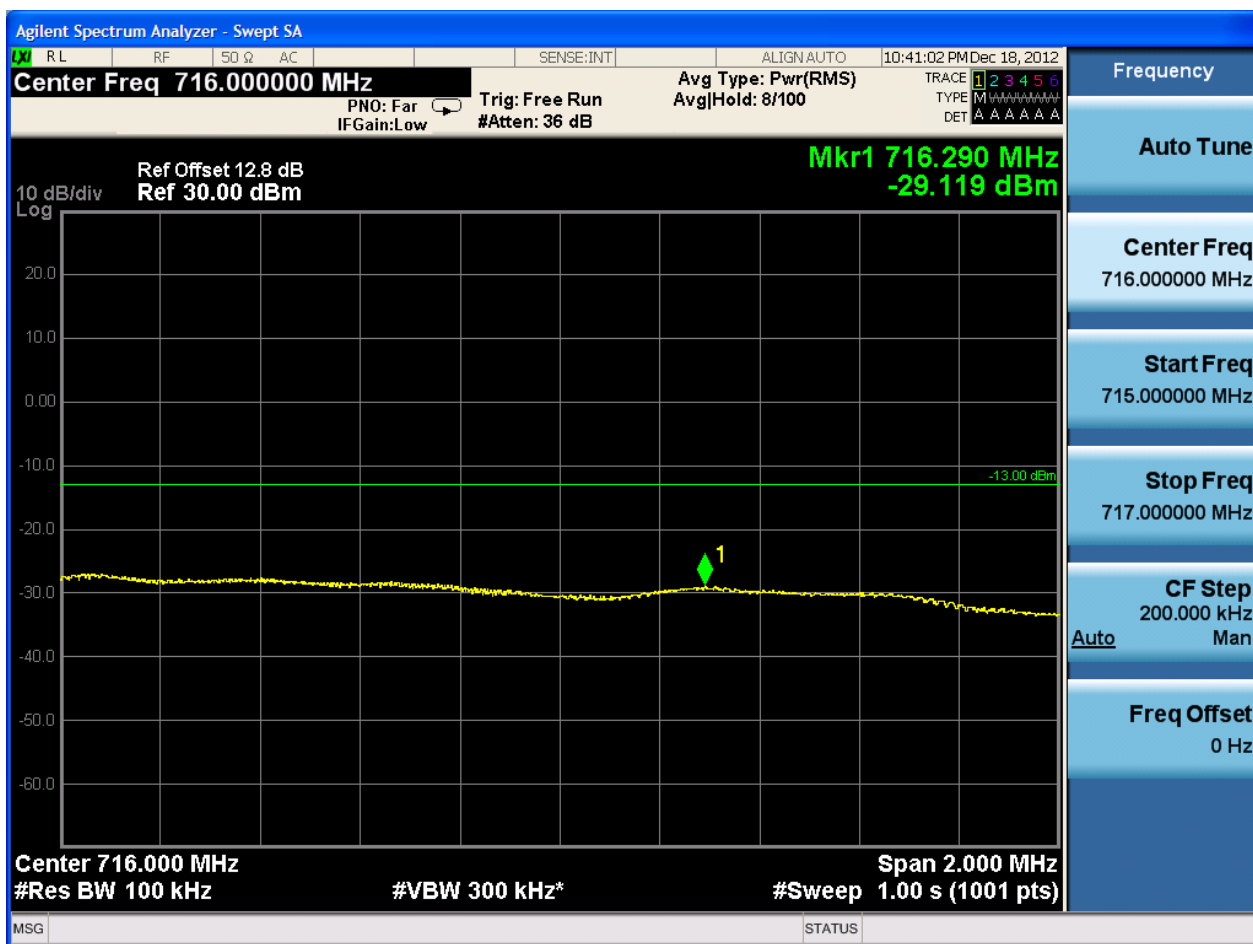
3.1.1.1.2.2.1 Test RB = RB1#0



3.1.1.1.2.2.2 Test RB = RB1#49



3.1.1.1.2.2.3 Test RB = RB25#13



3.1.1.1.2.2.4 Test RB = RB50#0

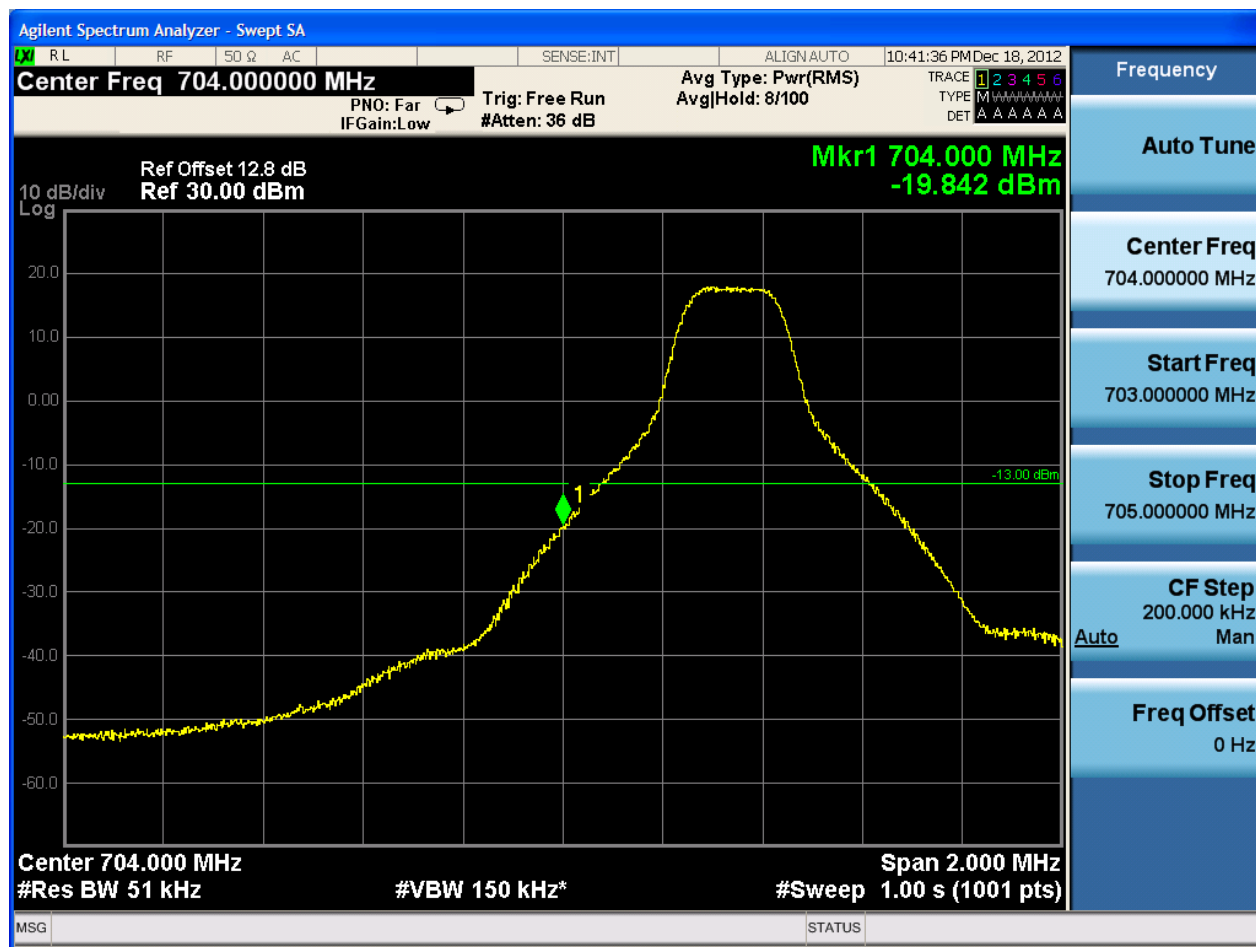


3.1.1.2 Test Mode = LTE/TM2

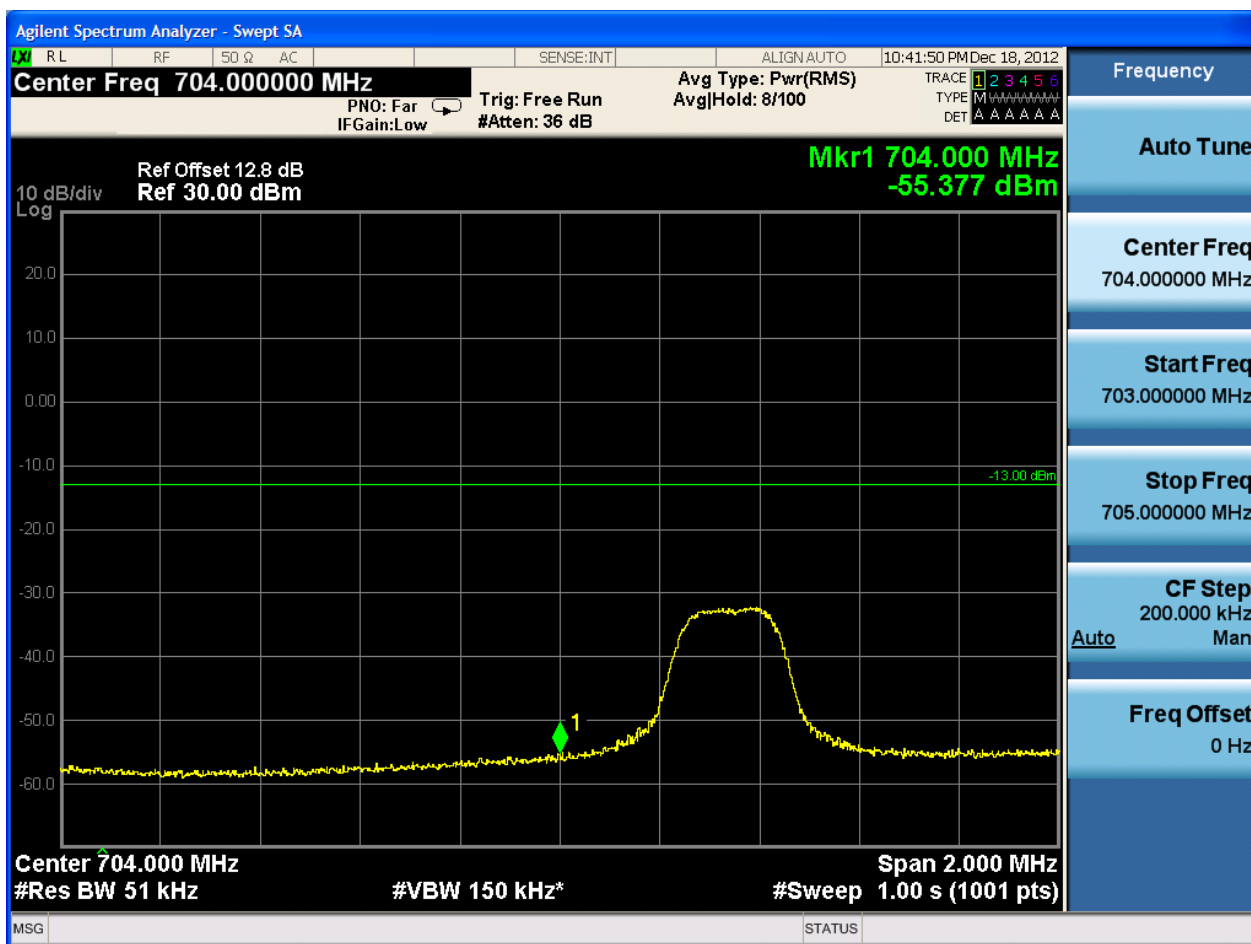
3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = LCH

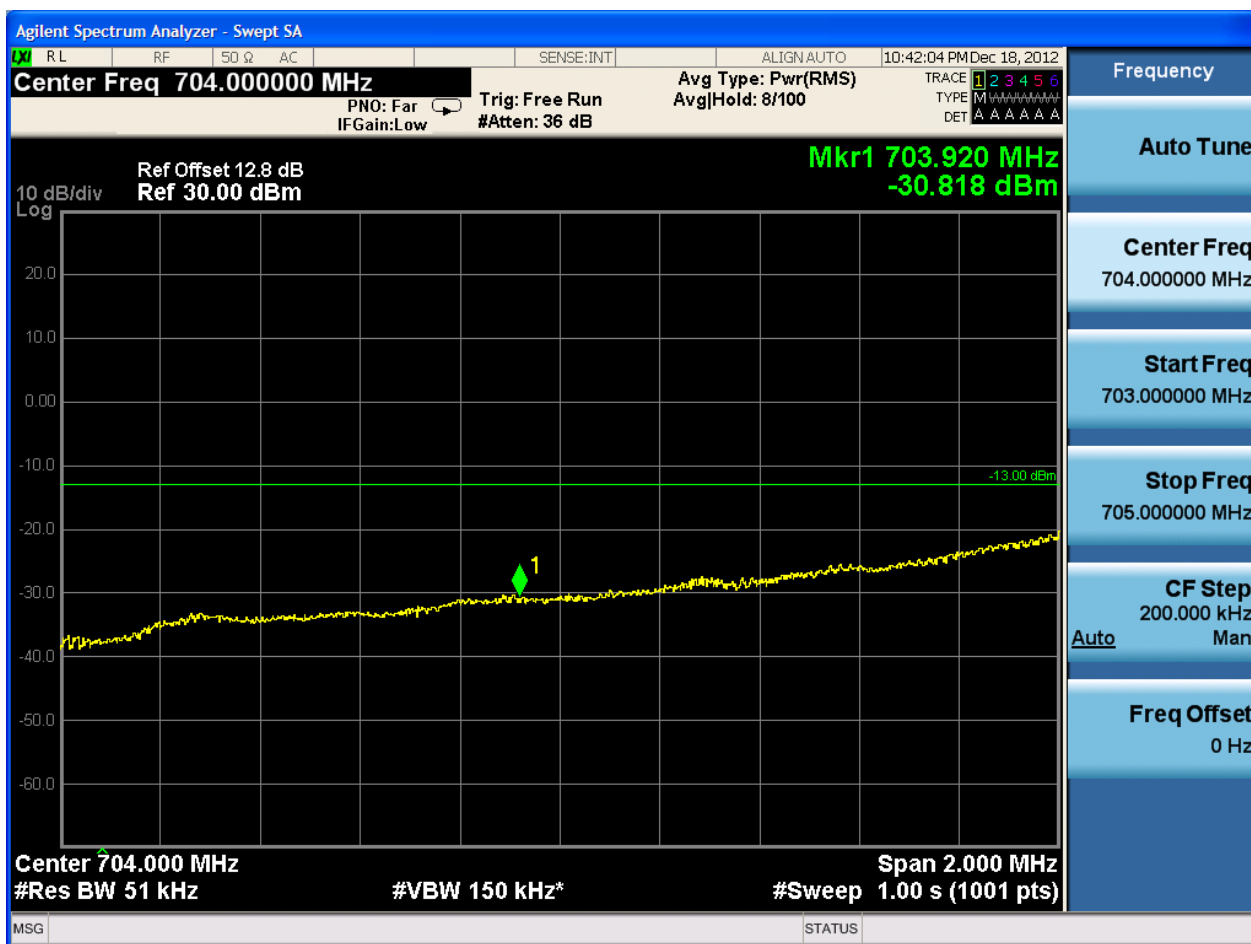
3.1.1.2.1.1.1 Test RB = RB1#0



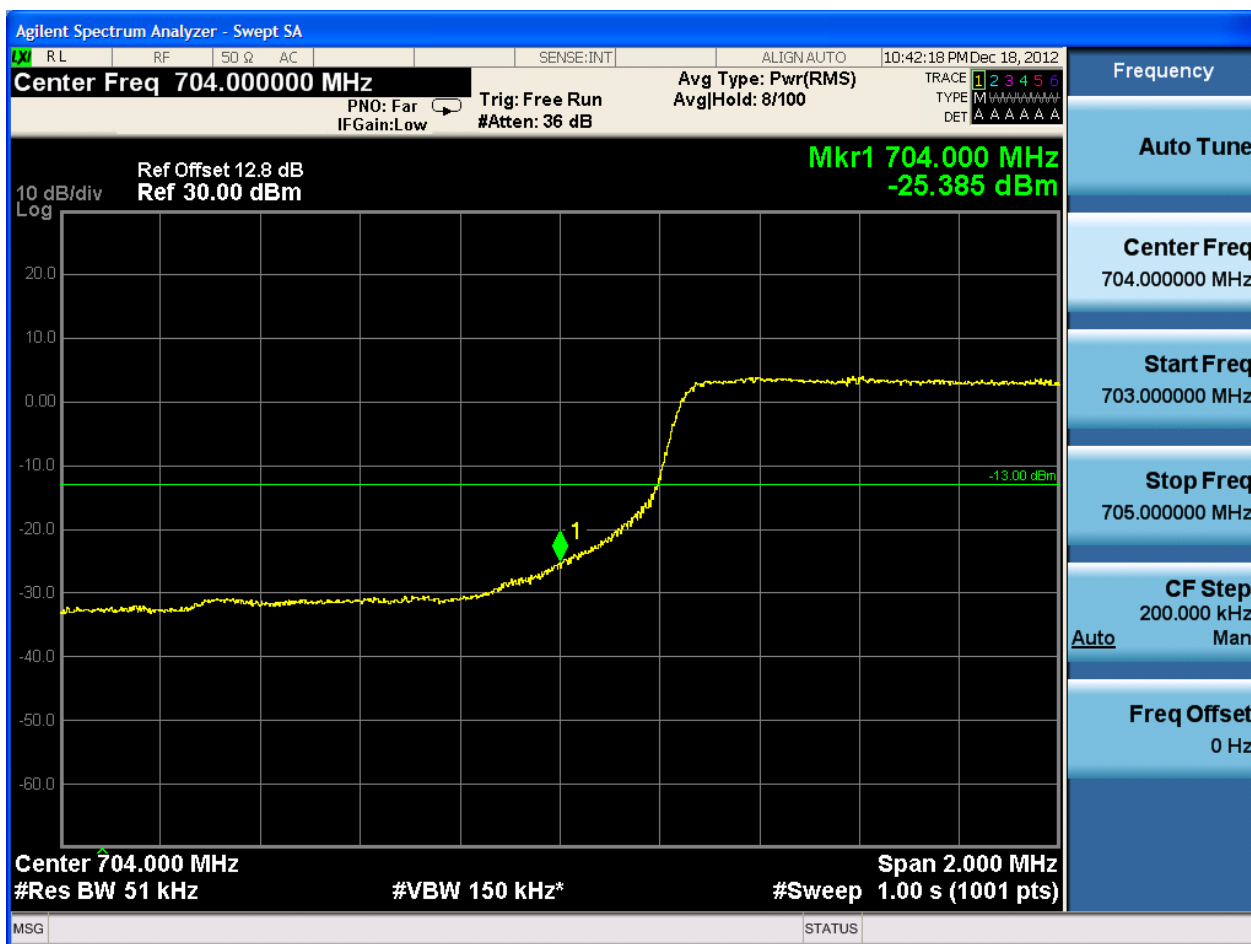
3.1.1.2.1.1.2 Test RB = RB1#24



3.1.1.2.1.1.3 Test RB = RB12#6

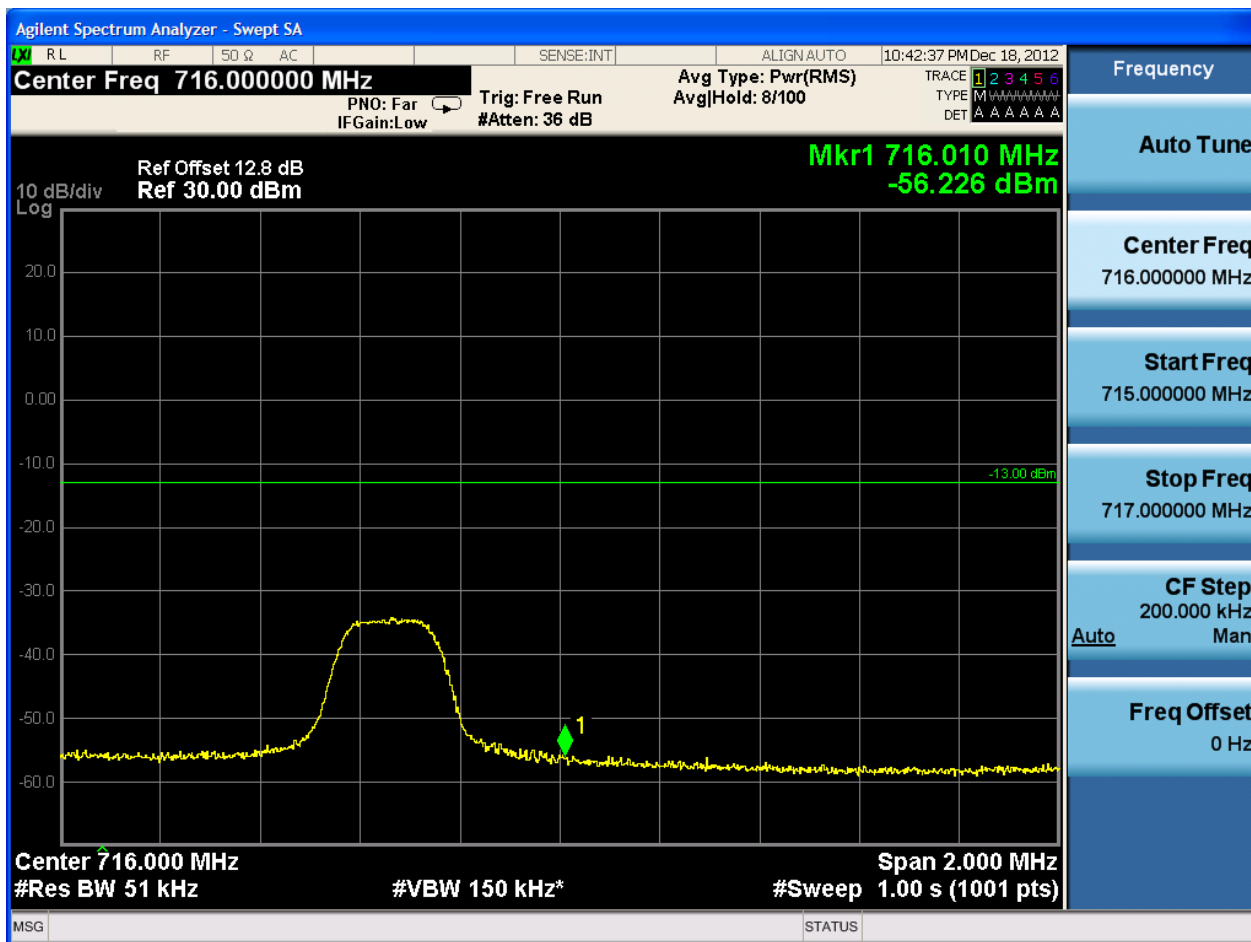


3.1.1.2.1.1.4 Test RB = RB25#0

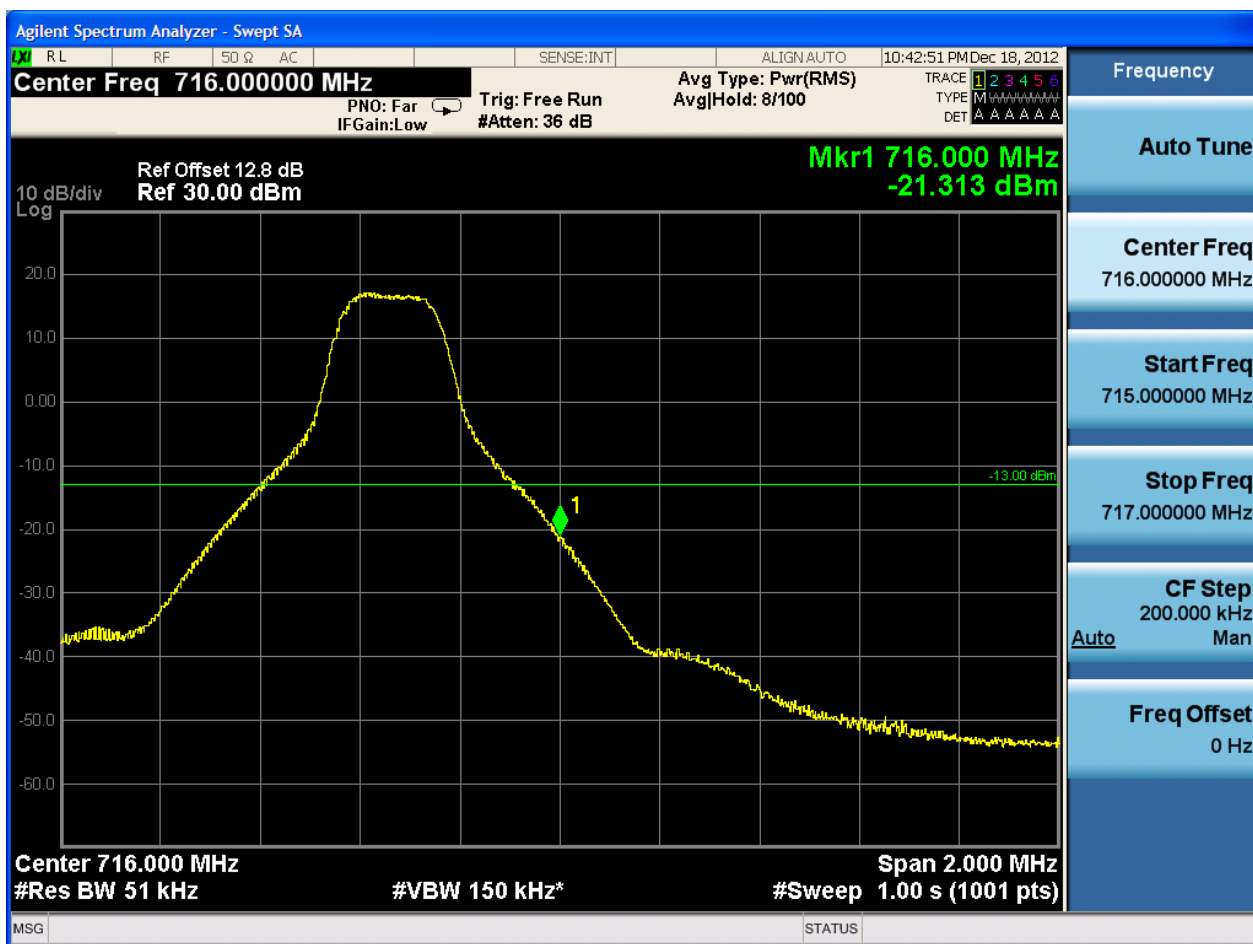


3.1.1.2.1.2 Test Channel = HCH

3.1.1.2.1.2.1 Test RB = RB1#0

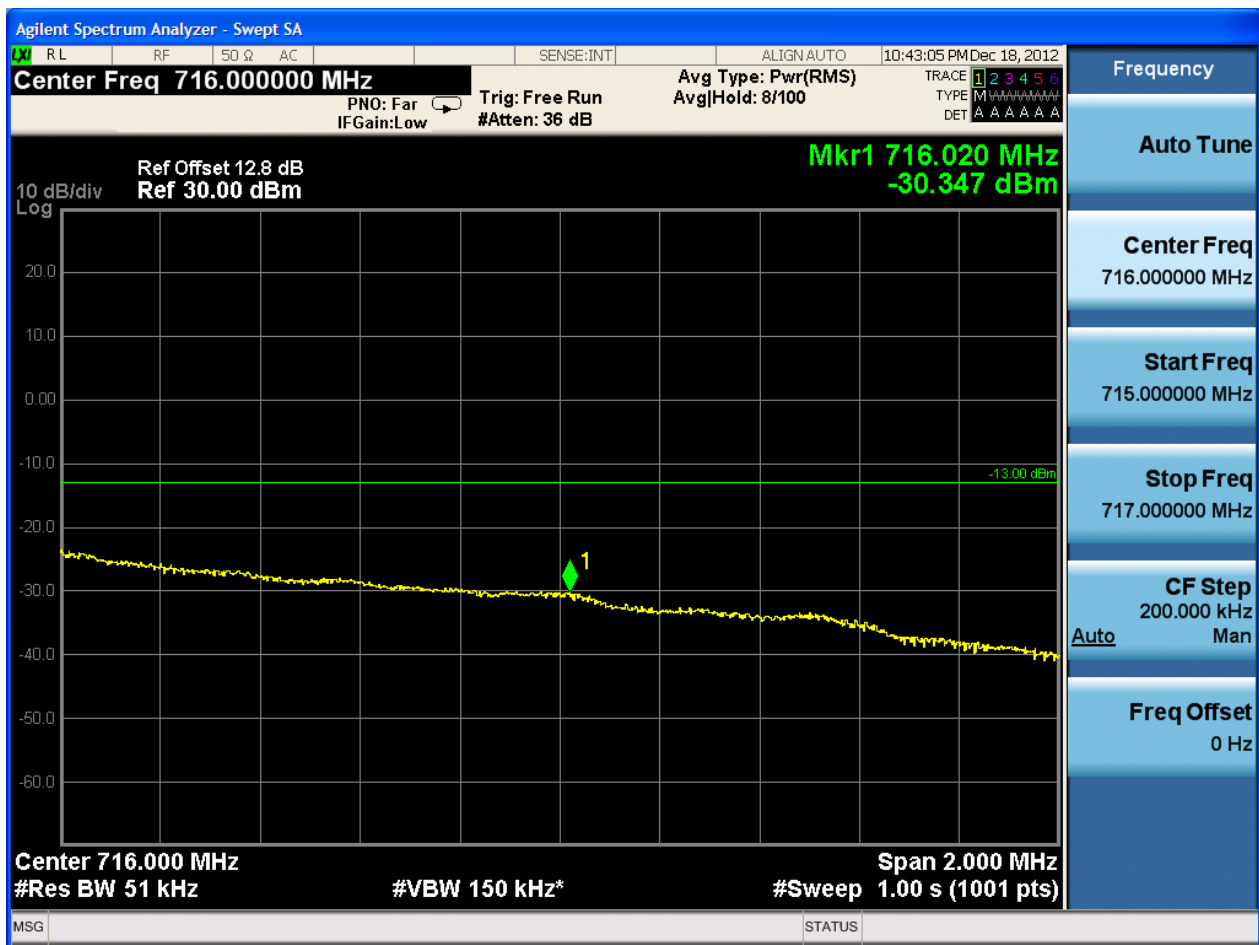


3.1.1.2.1.2.2 Test RB = RB1#24





3.1.1.2.1.2.3 Test RB = RB12#6



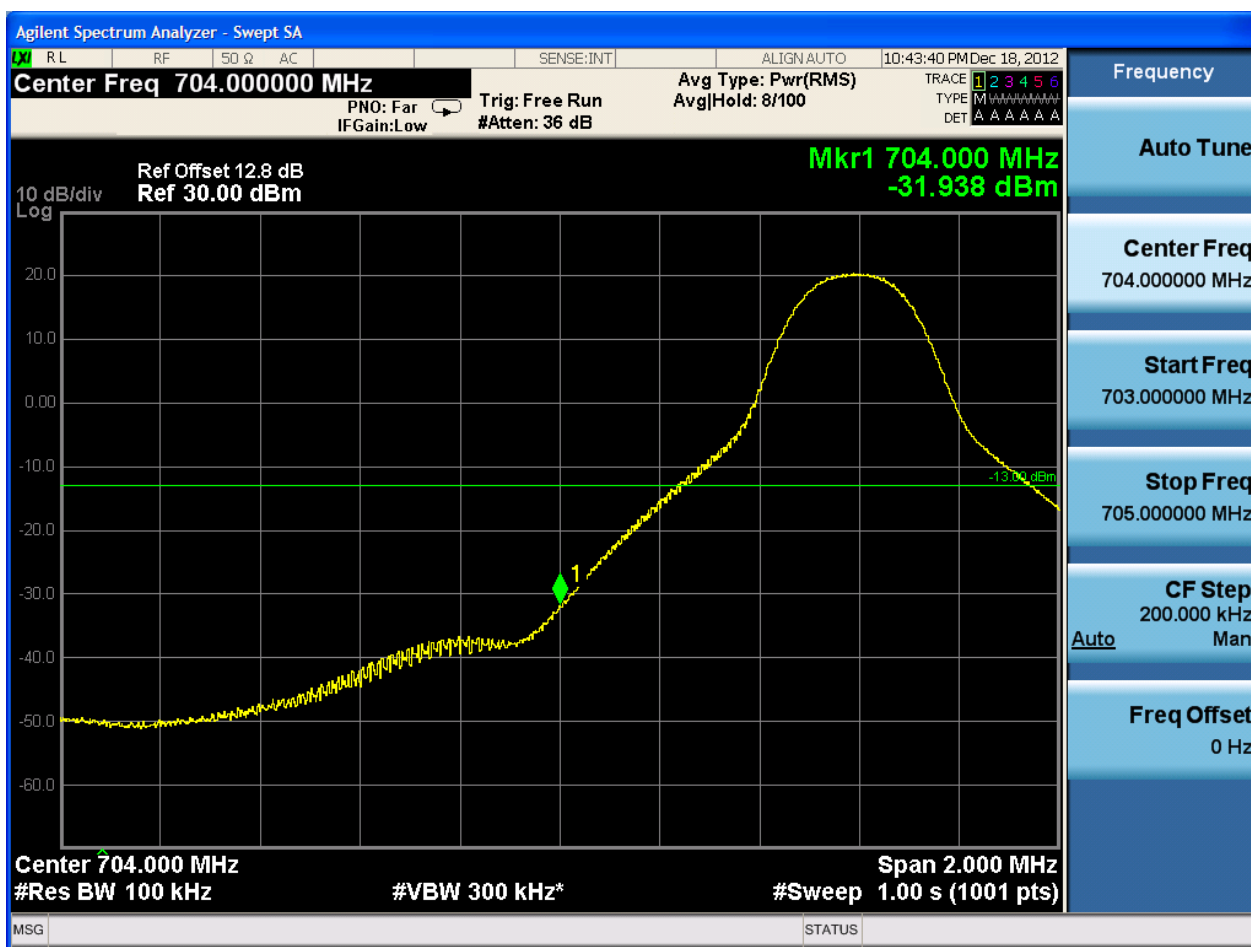
3.1.1.2.1.2.4 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

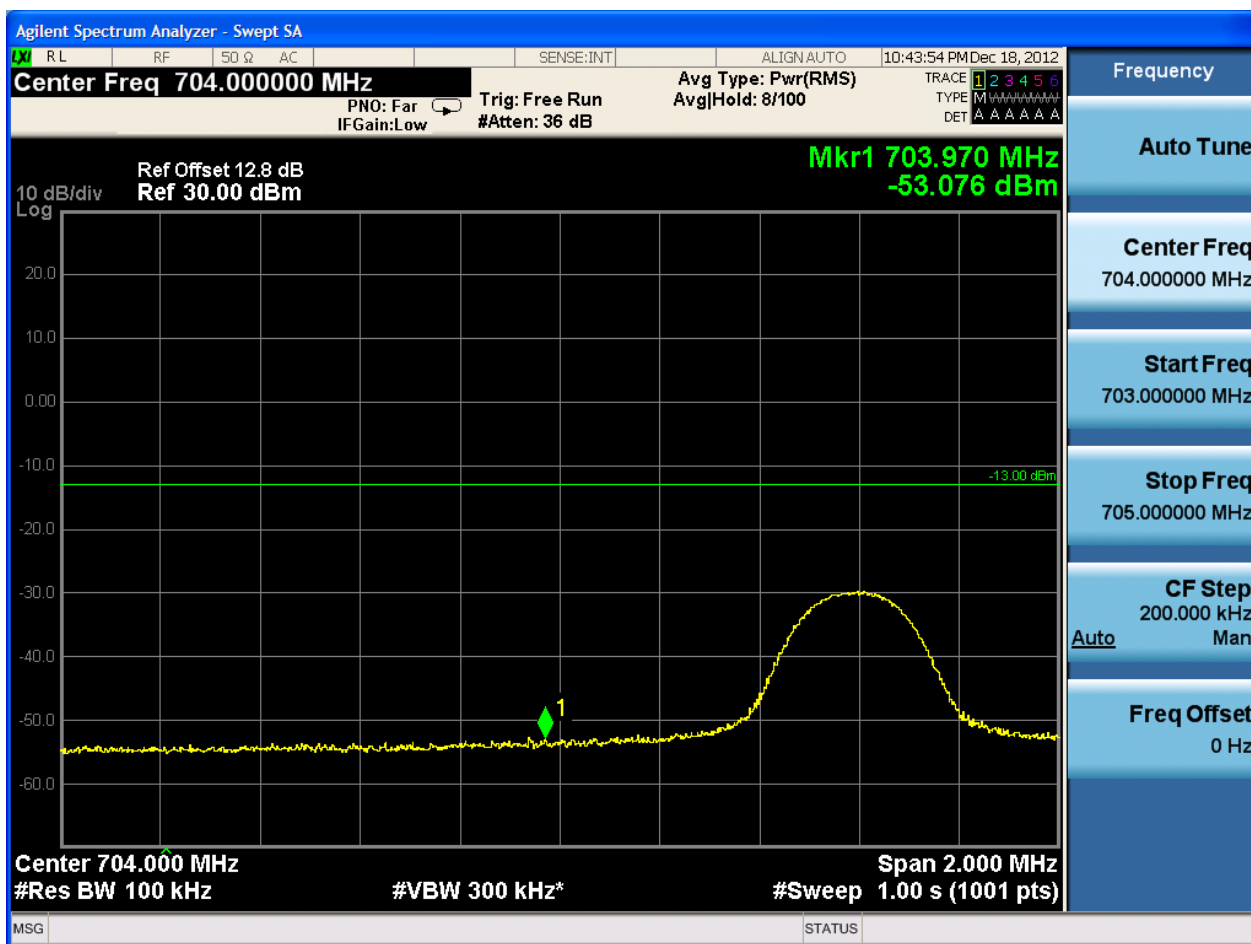
3.1.1.2.2.1 Test Channel = LCH

3.1.1.2.2.1.1 Test RB = RB1#0

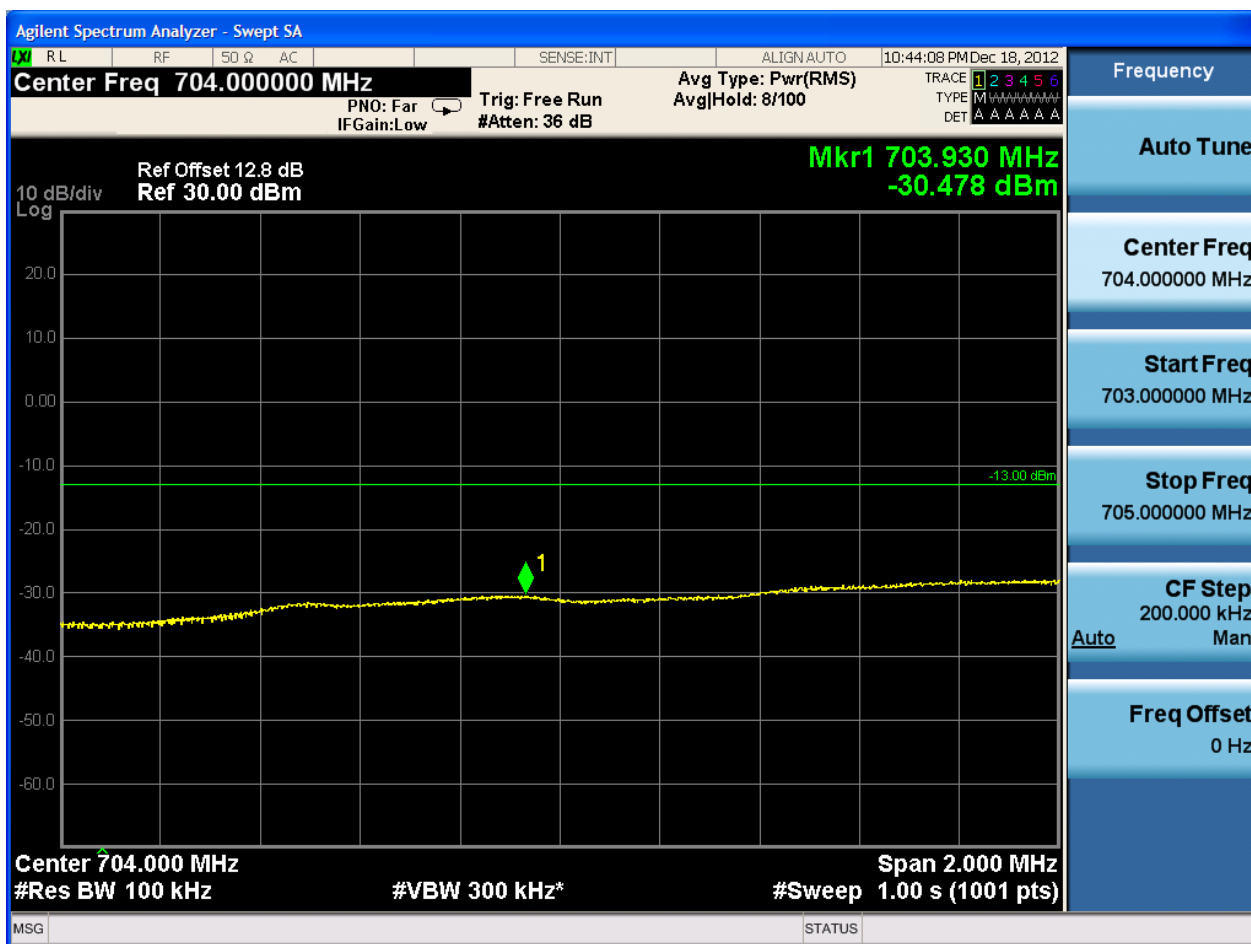




3.1.1.2.2.1.2 Test RB = RB1#49



3.1.1.2.2.1.3 Test RB = RB25#13

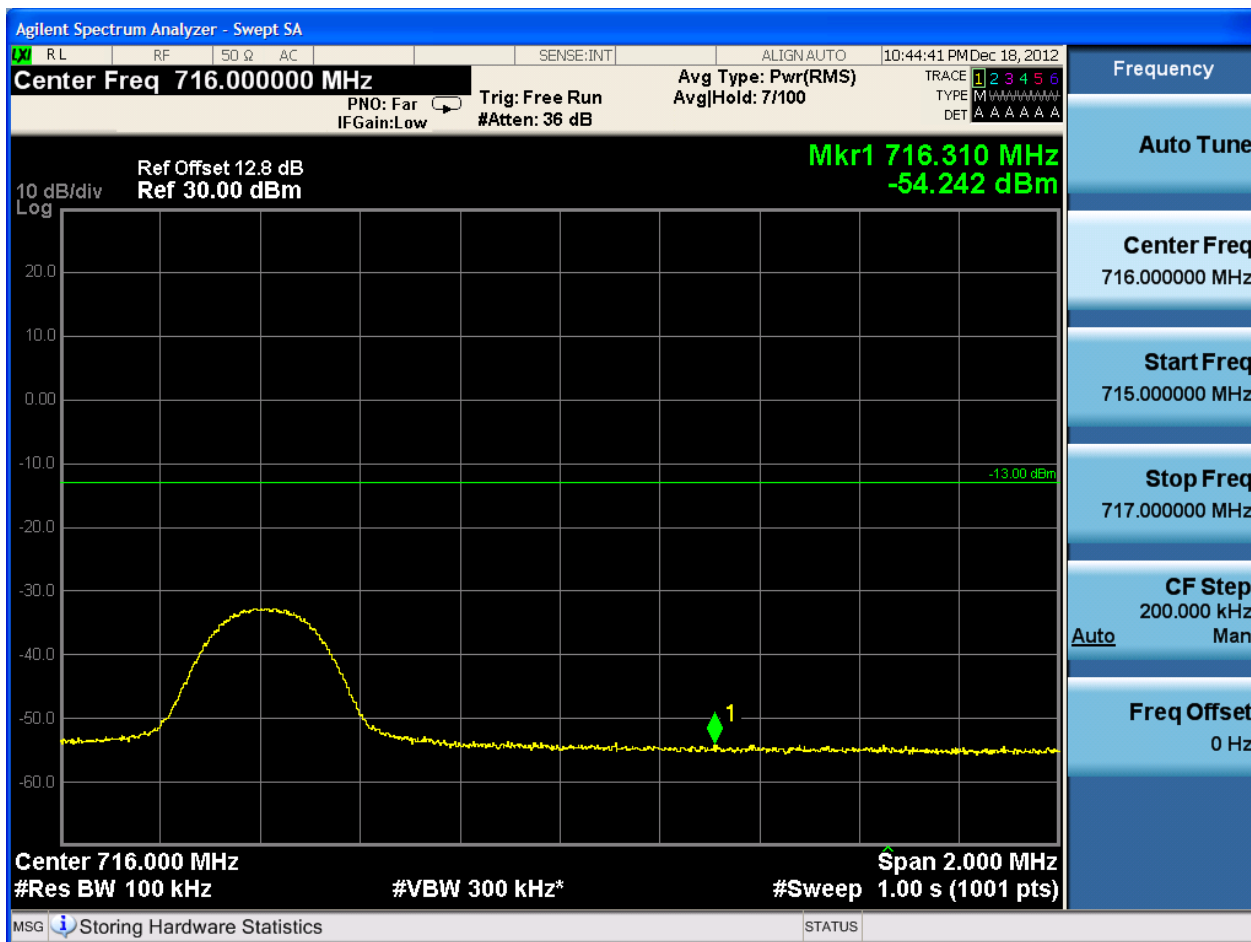


3.1.1.2.2.1.4 Test RB = RB50#0

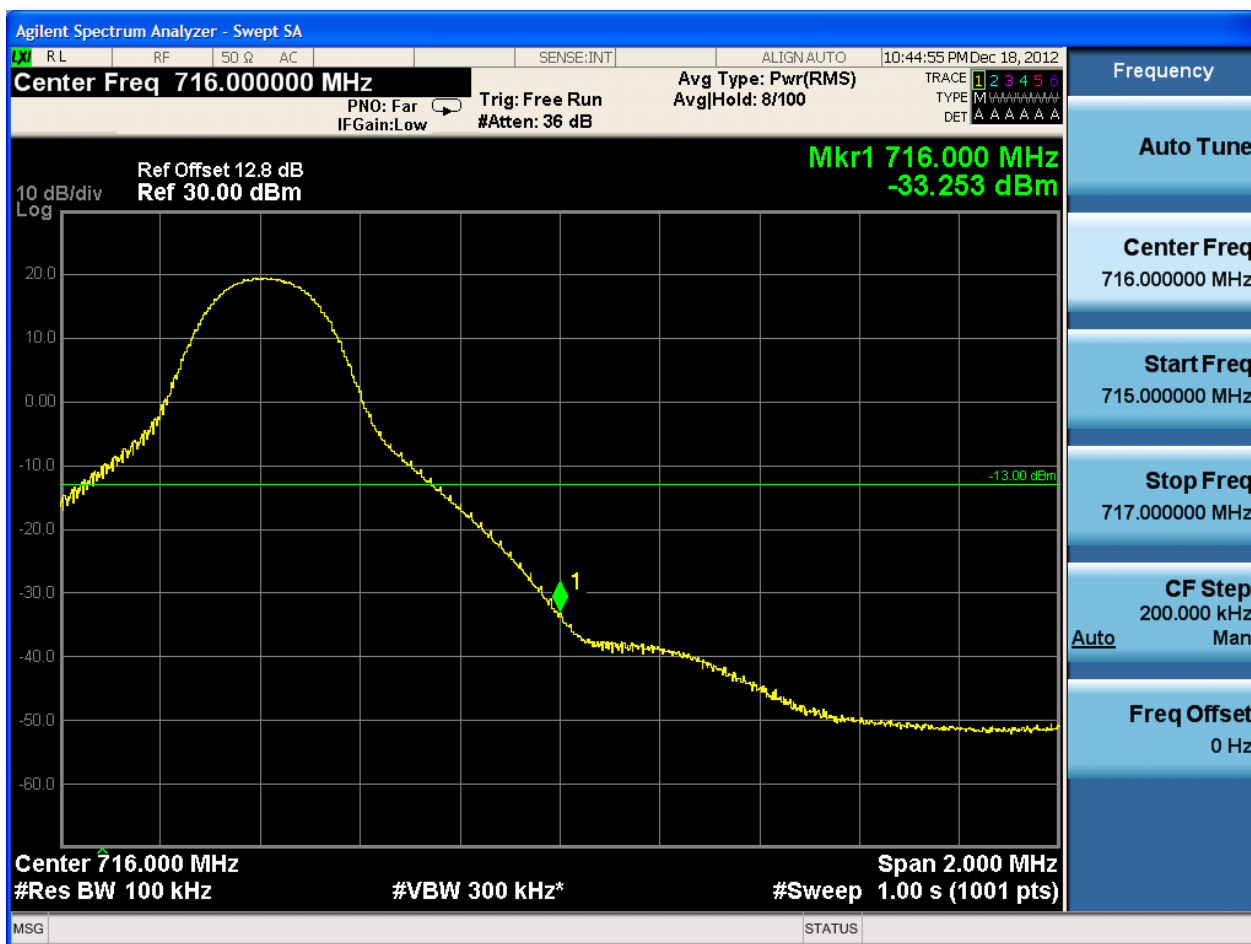


3.1.1.2.2.2 Test Channel = HCH

3.1.1.2.2.2.1 Test RB = RB1#0



3.1.1.2.2.2 Test RB = RB1#49



3.1.1.2.2.3 Test RB = RB25#13



3.1.1.2.2.4 Test RB = RB50#0



4Appendix_D: 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

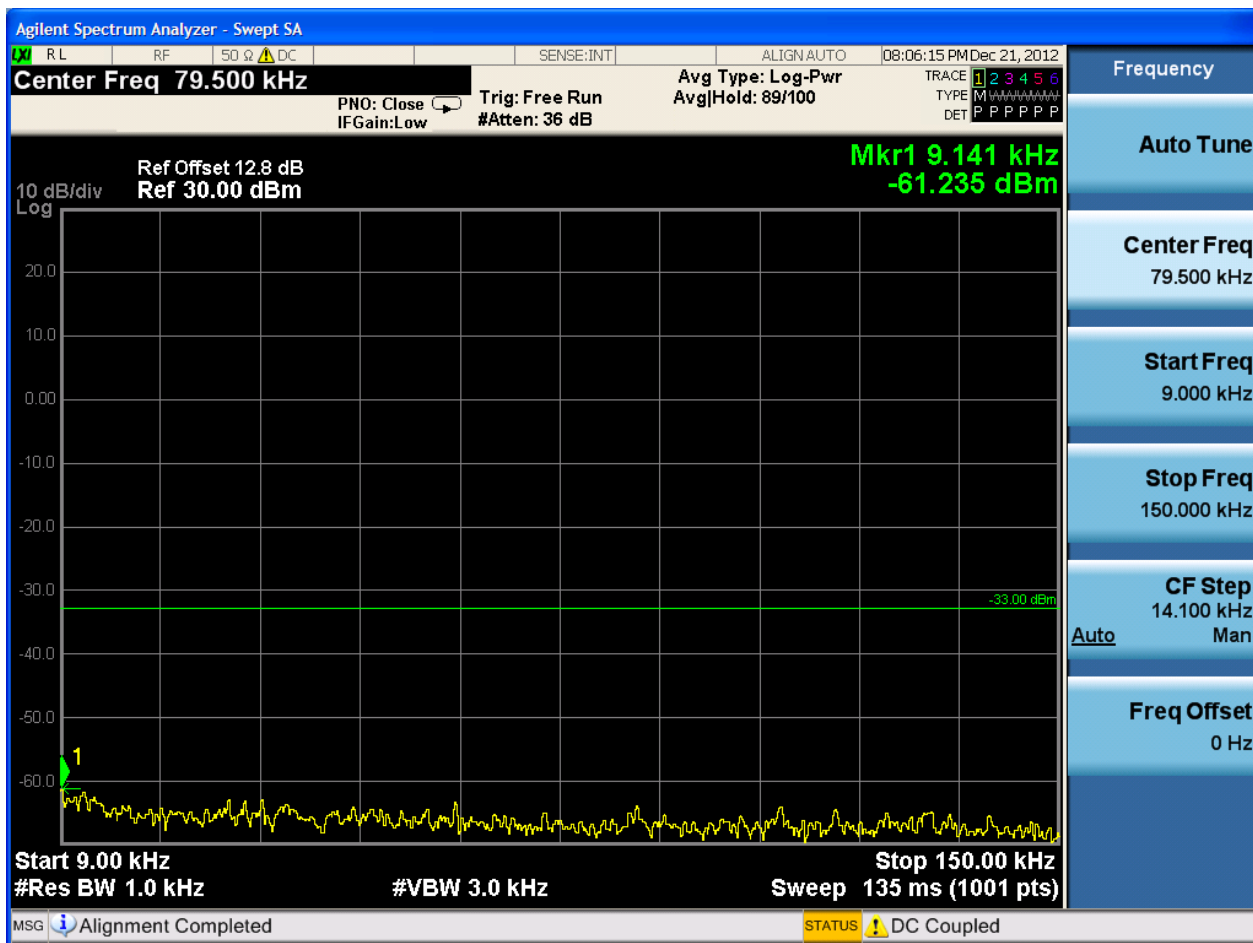
4.1.1 Test Band = BAND17

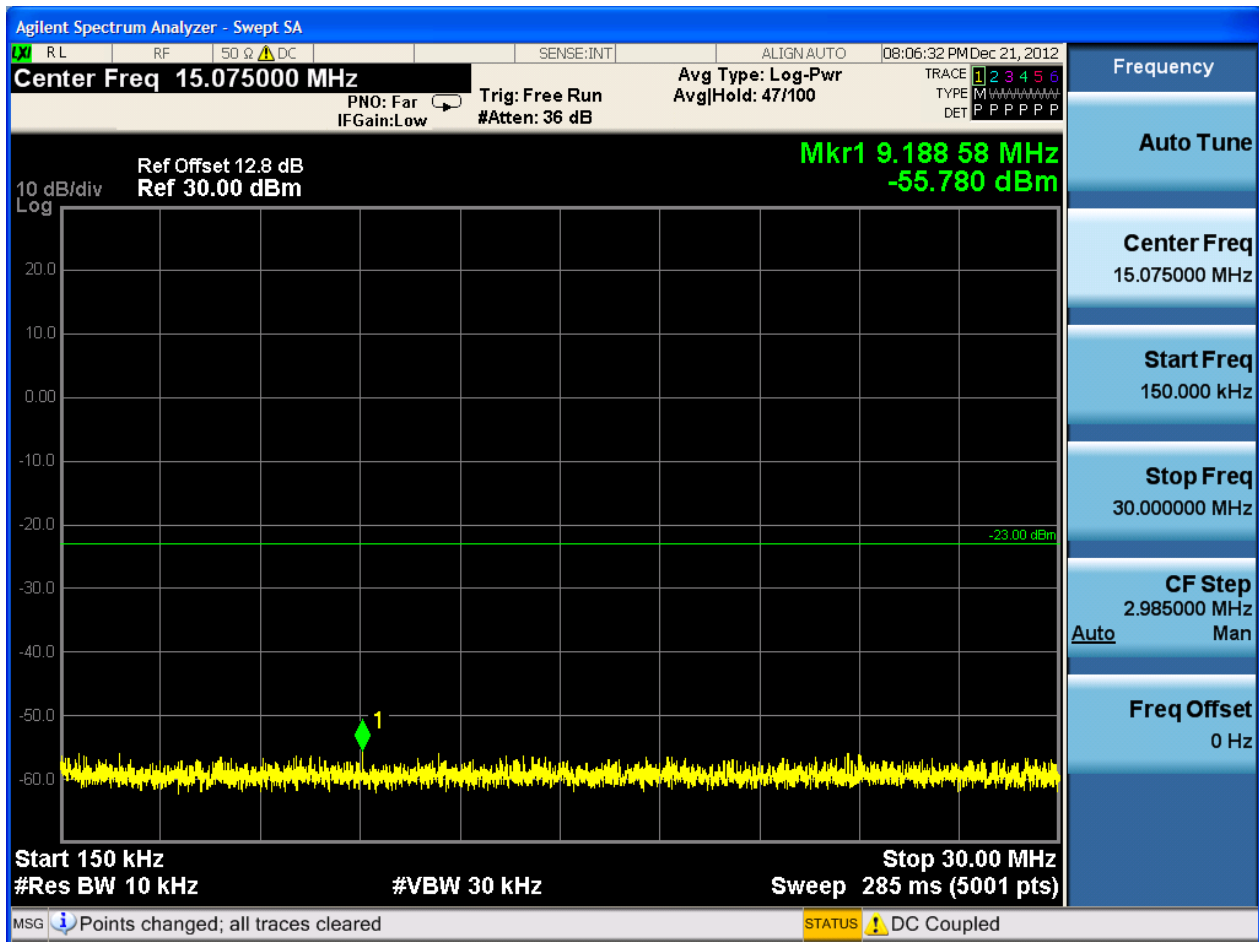
4.1.1.1 Test Mode = LTE/TM1

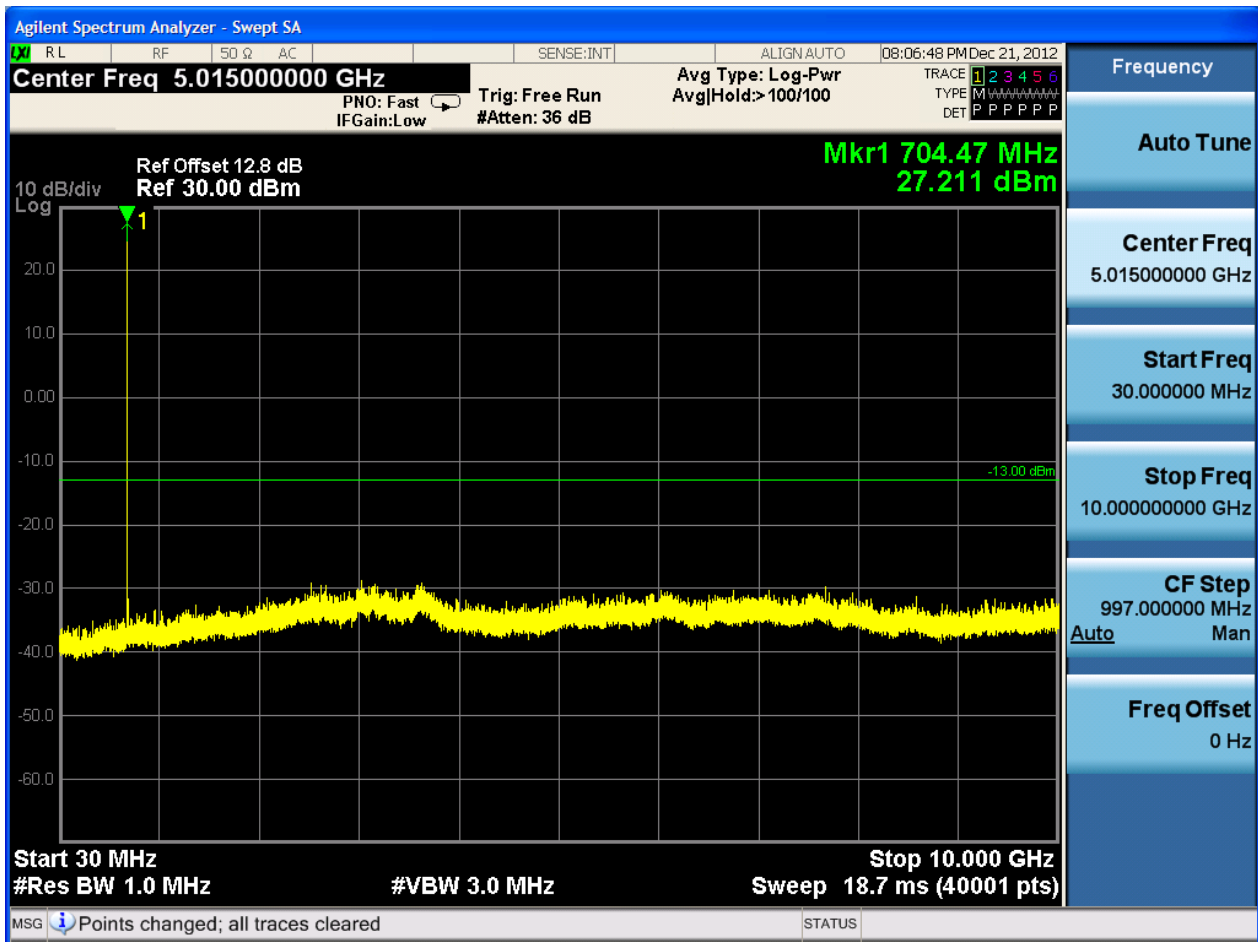
4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB1#0

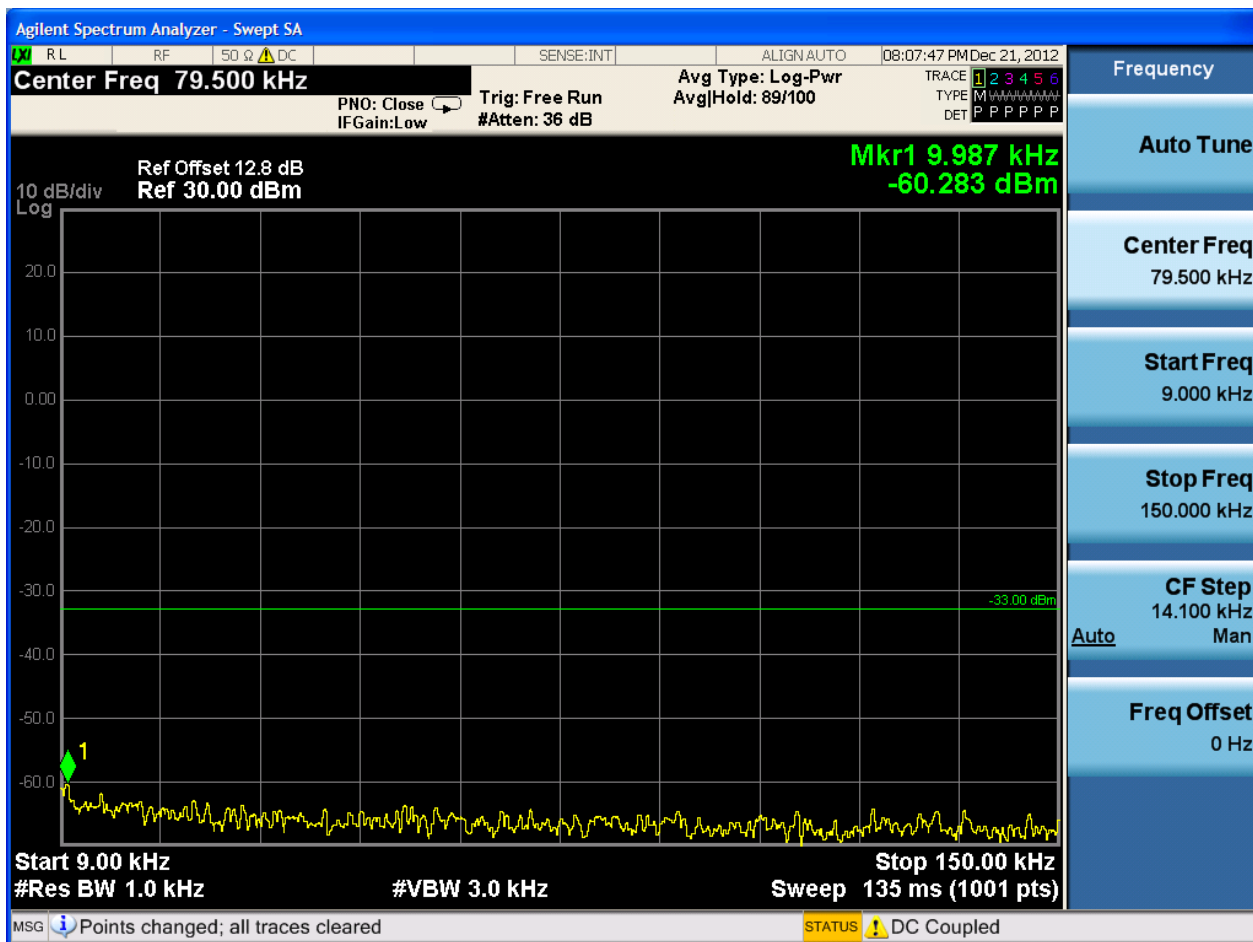


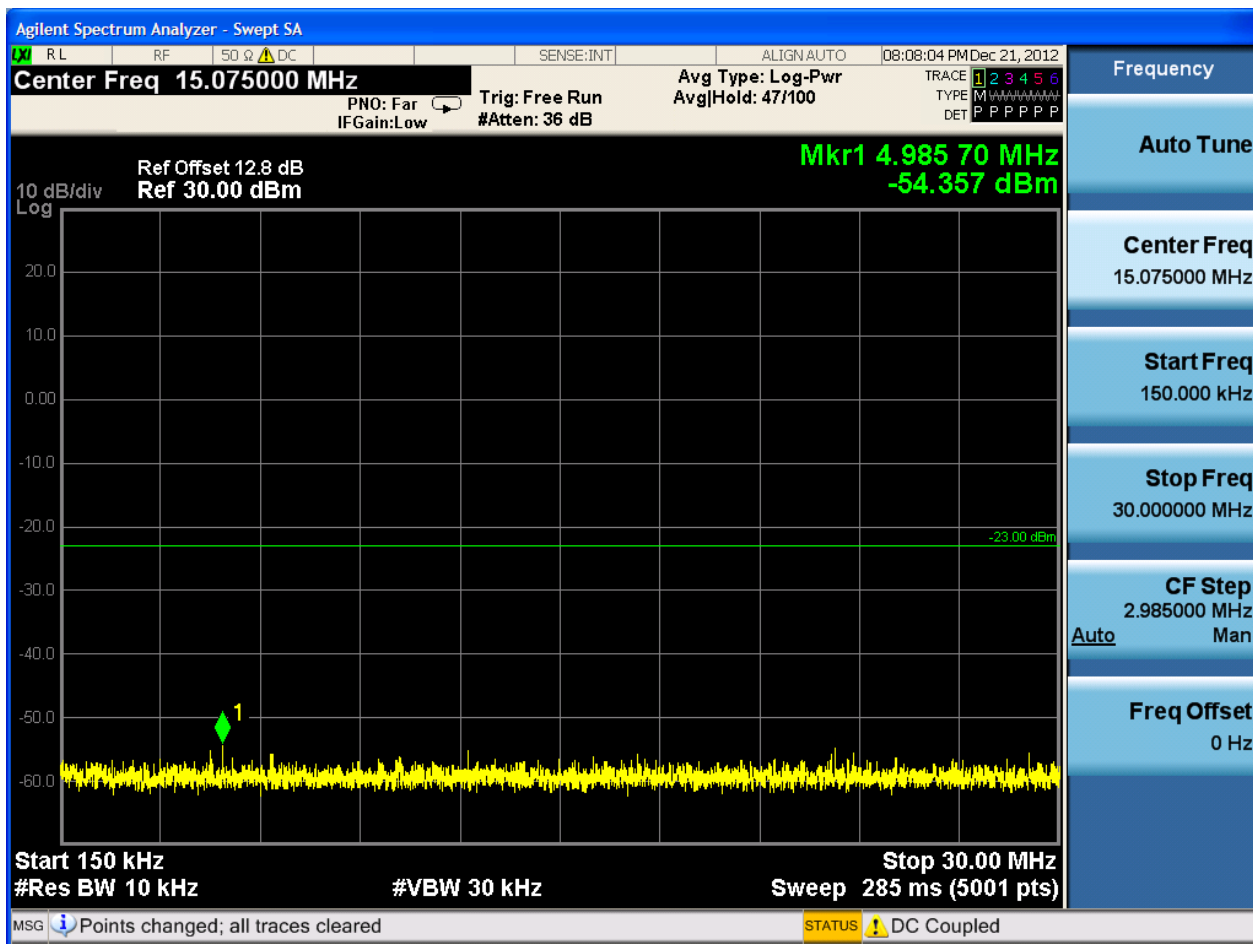


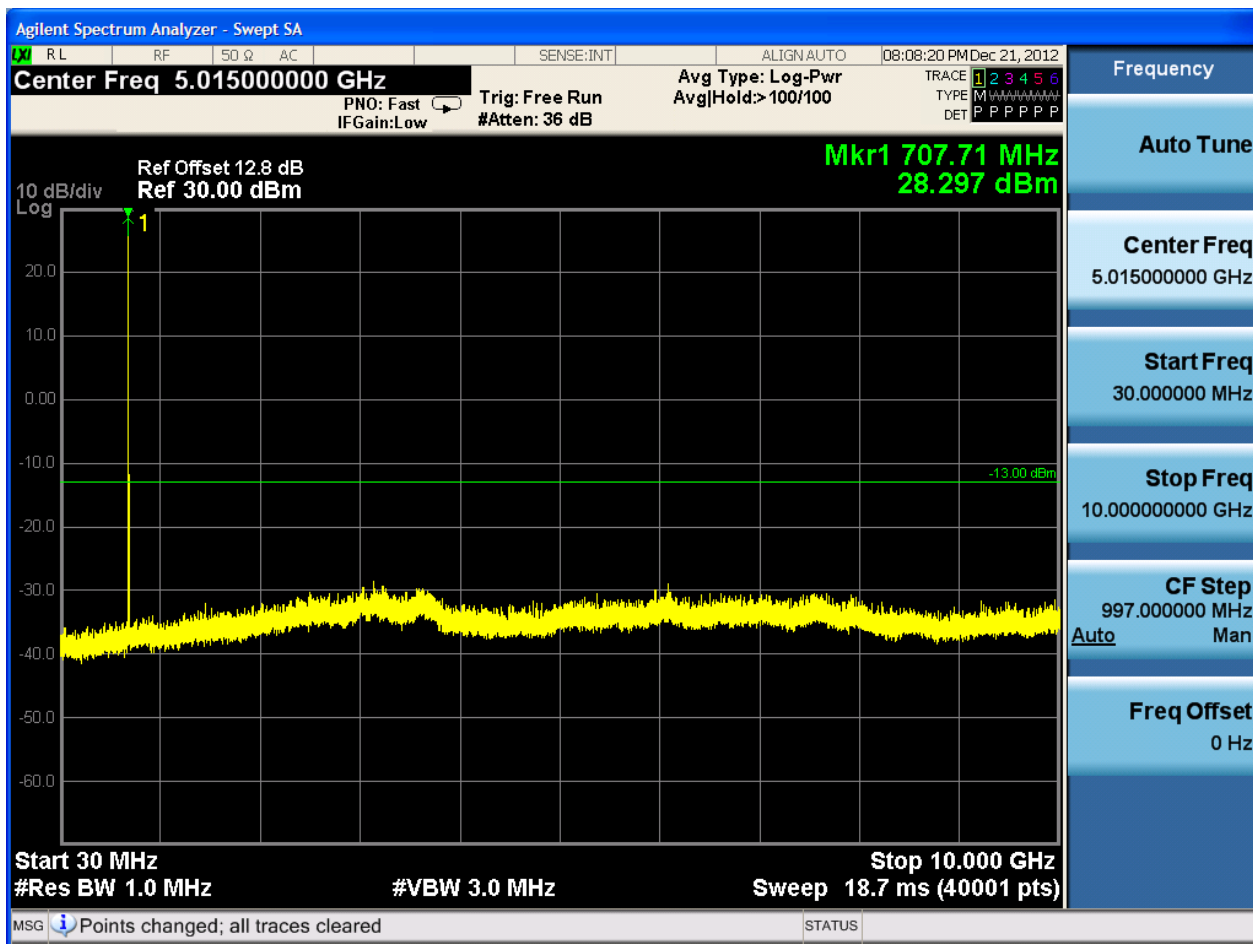


4.1.1.1.1.2 Test Channel = HCH

4.1.1.1.1.2.1 Test RB = RB1#0



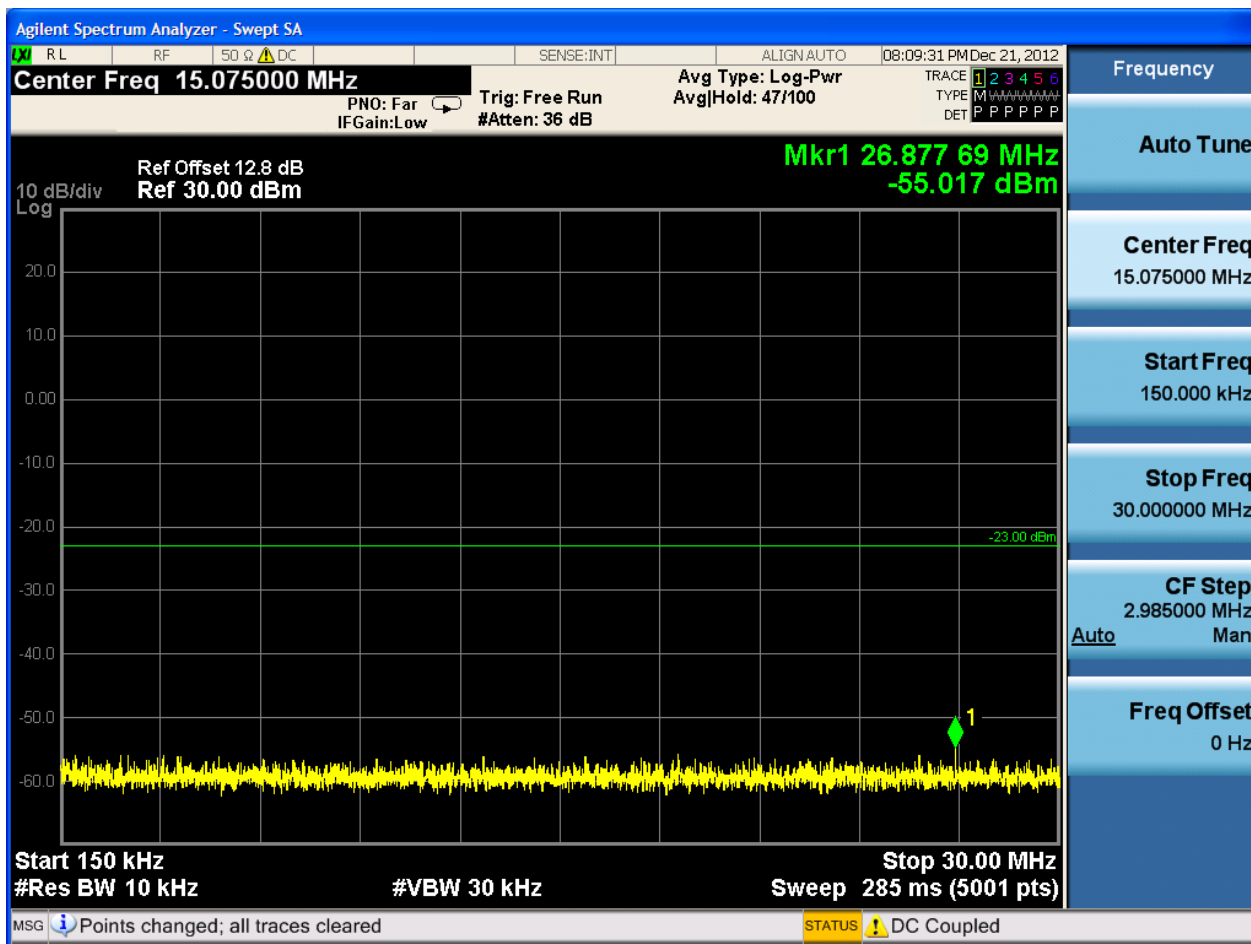


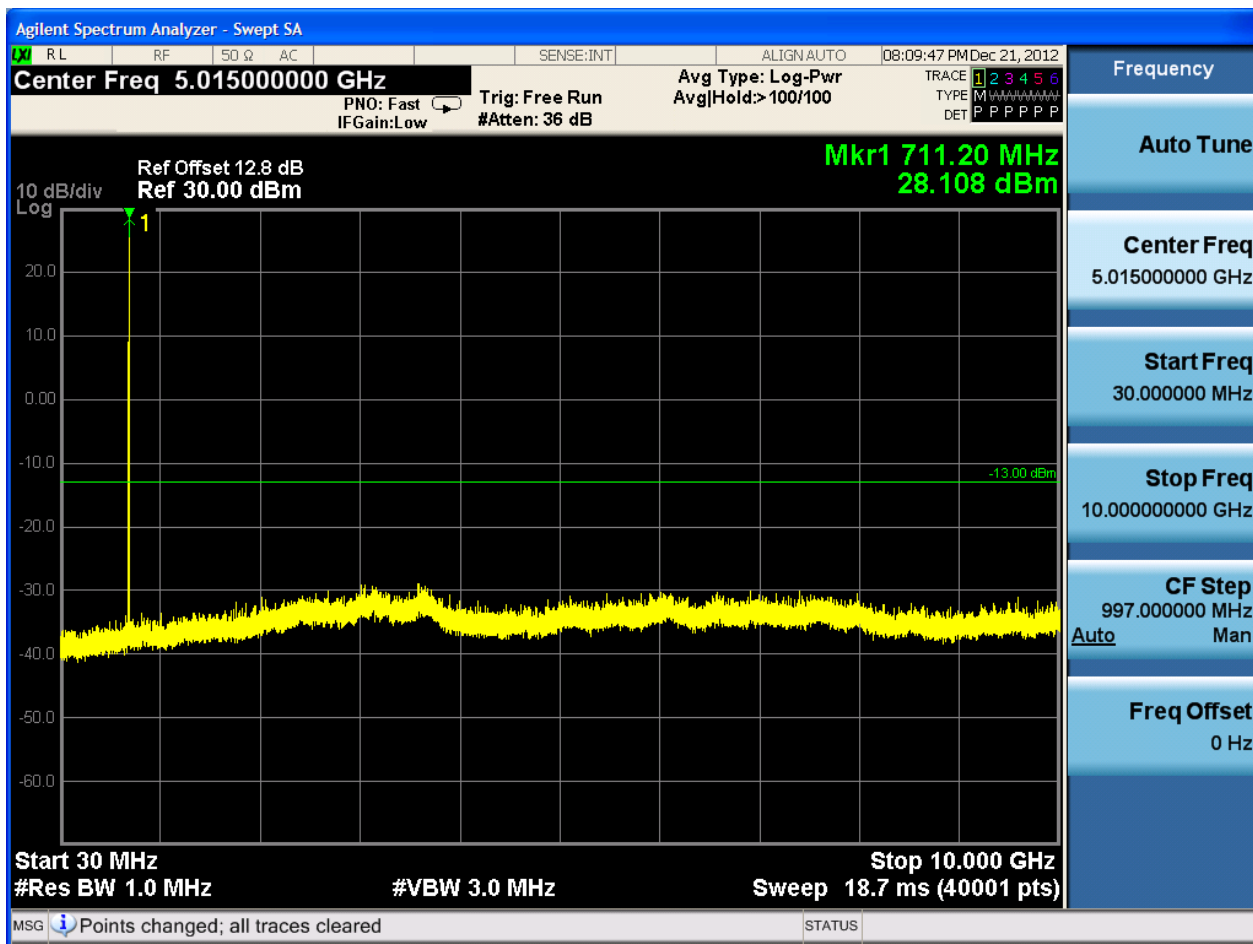


4.1.1.1.1.3 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB1#0



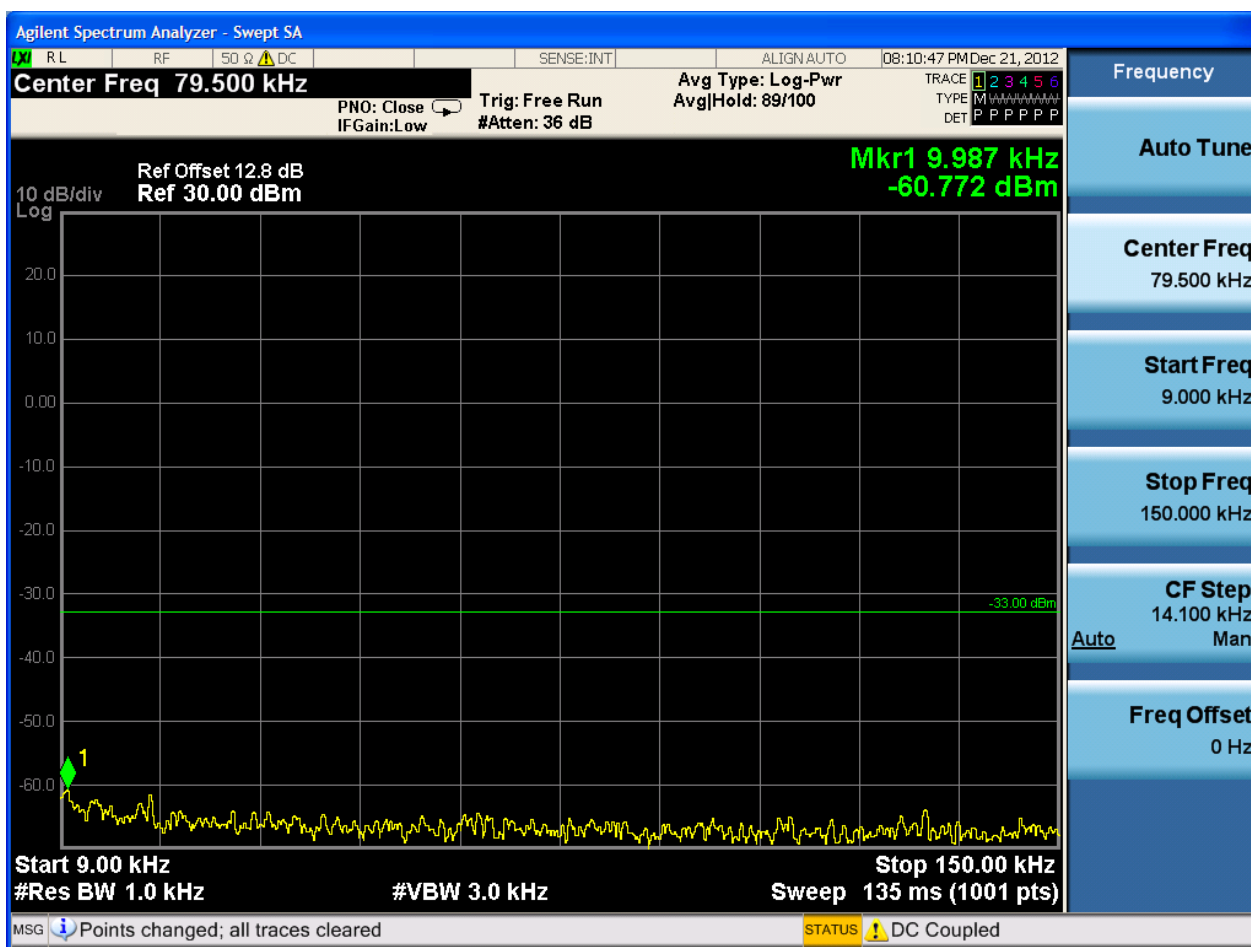


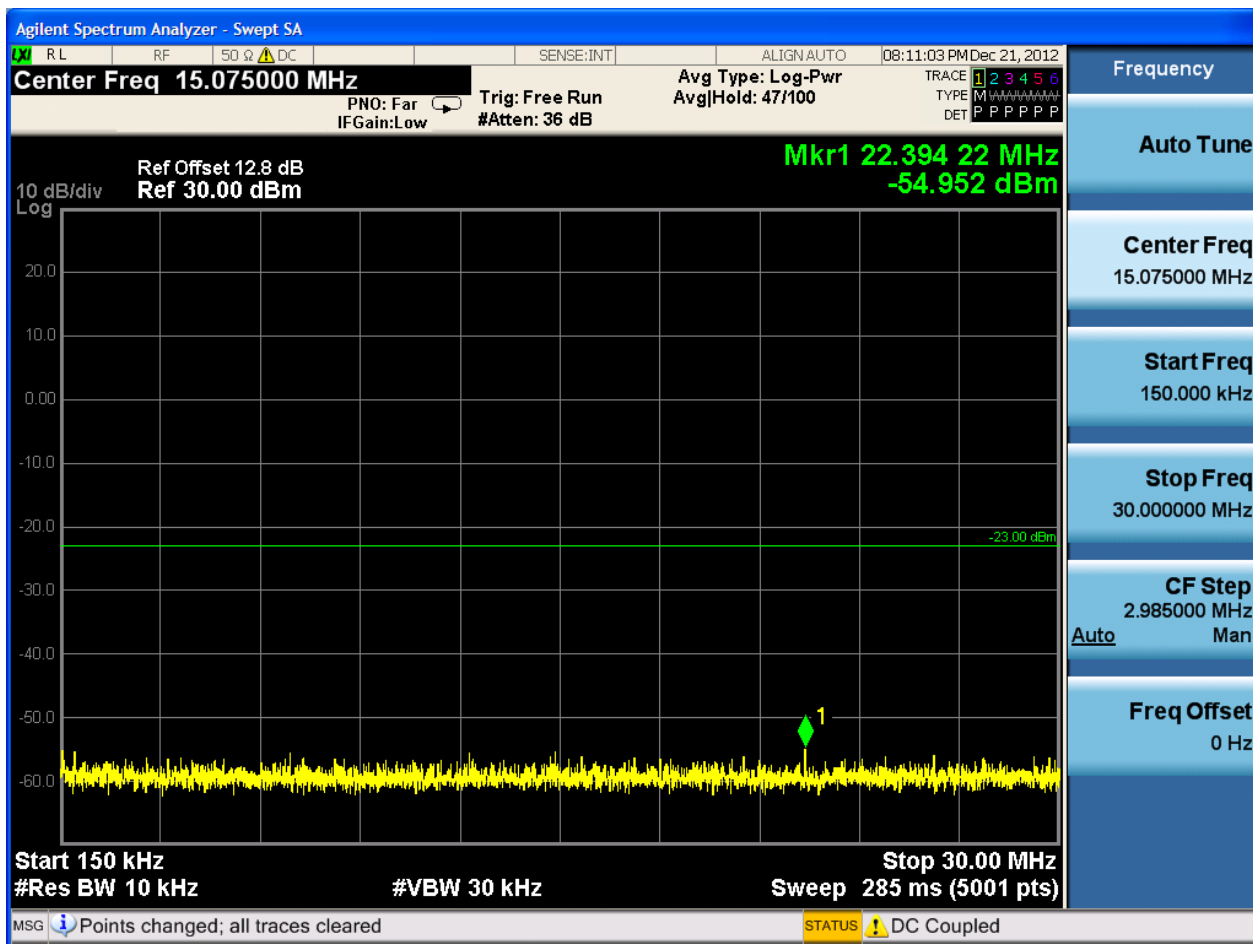


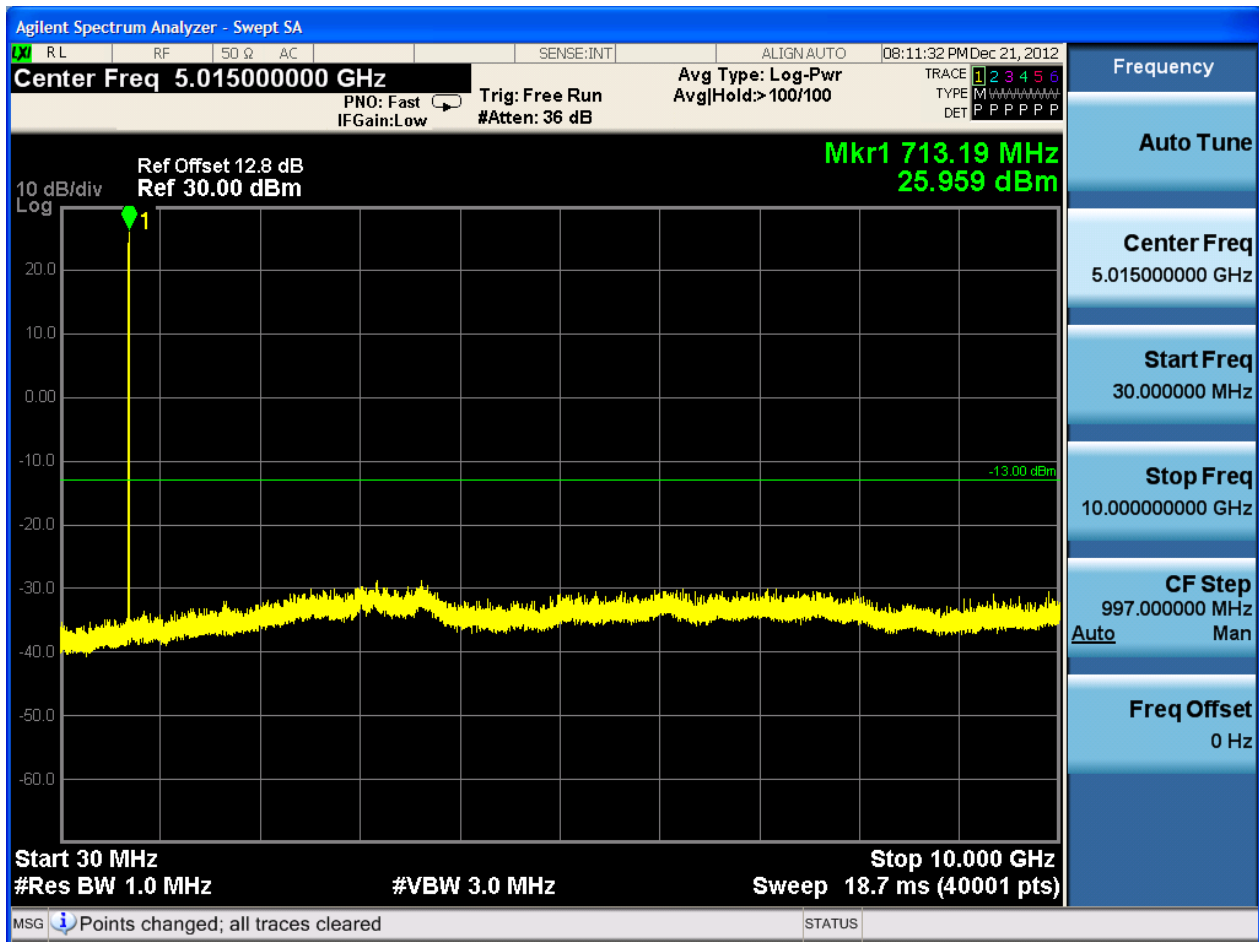
4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB1#0



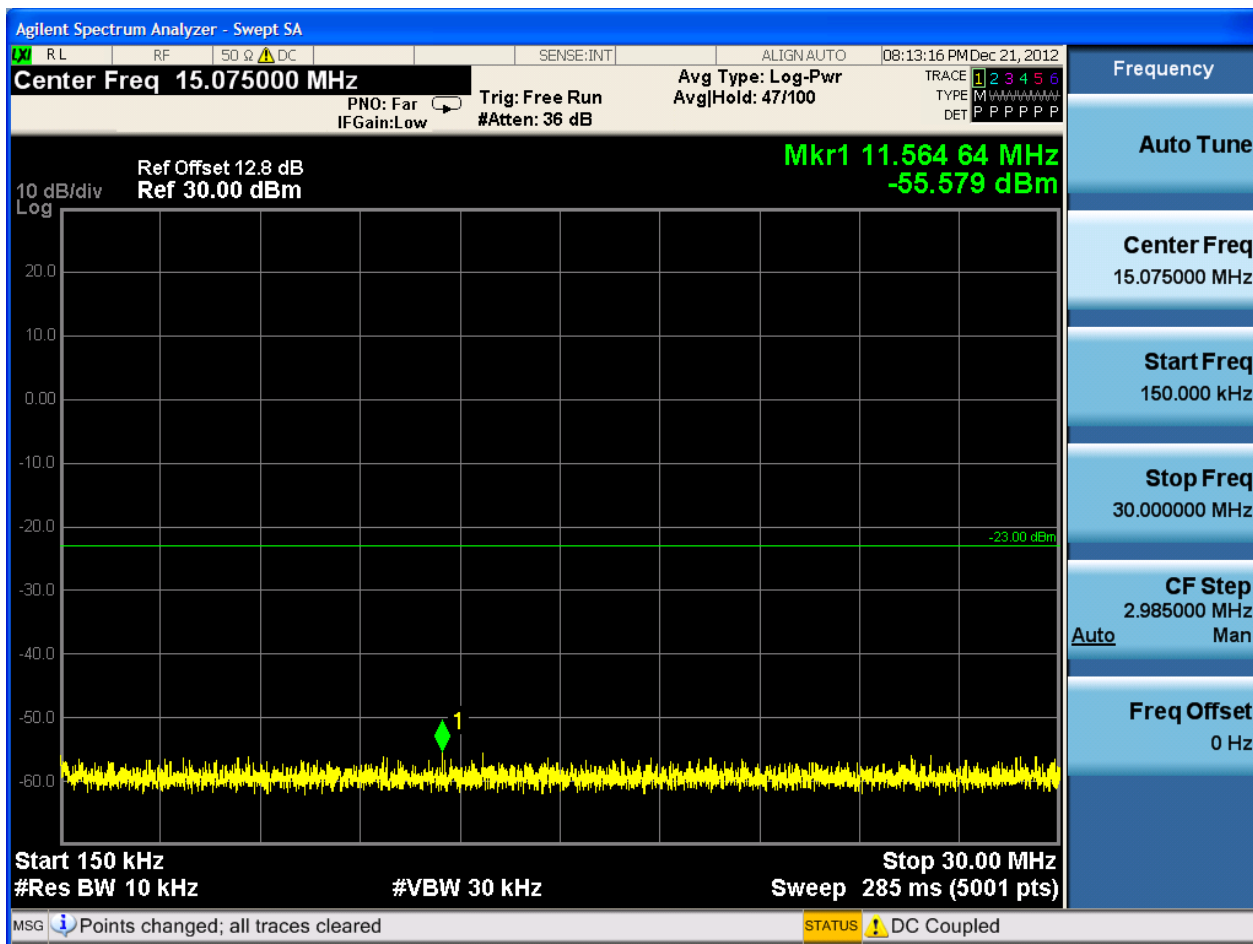


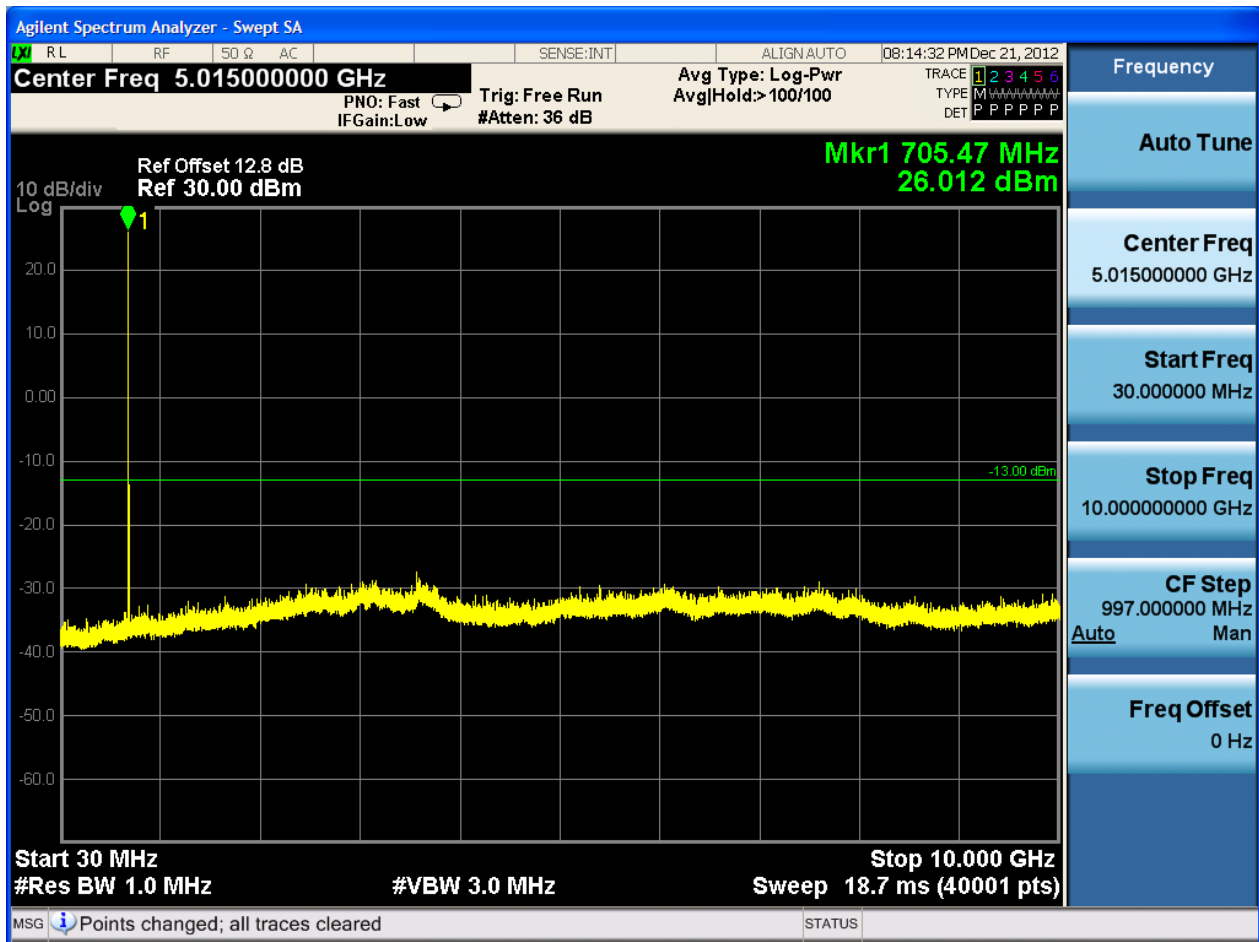


4.1.1.1.2.2 Test Channel = HCH

4.1.1.1.2.2.1 Test RB = RB1#0

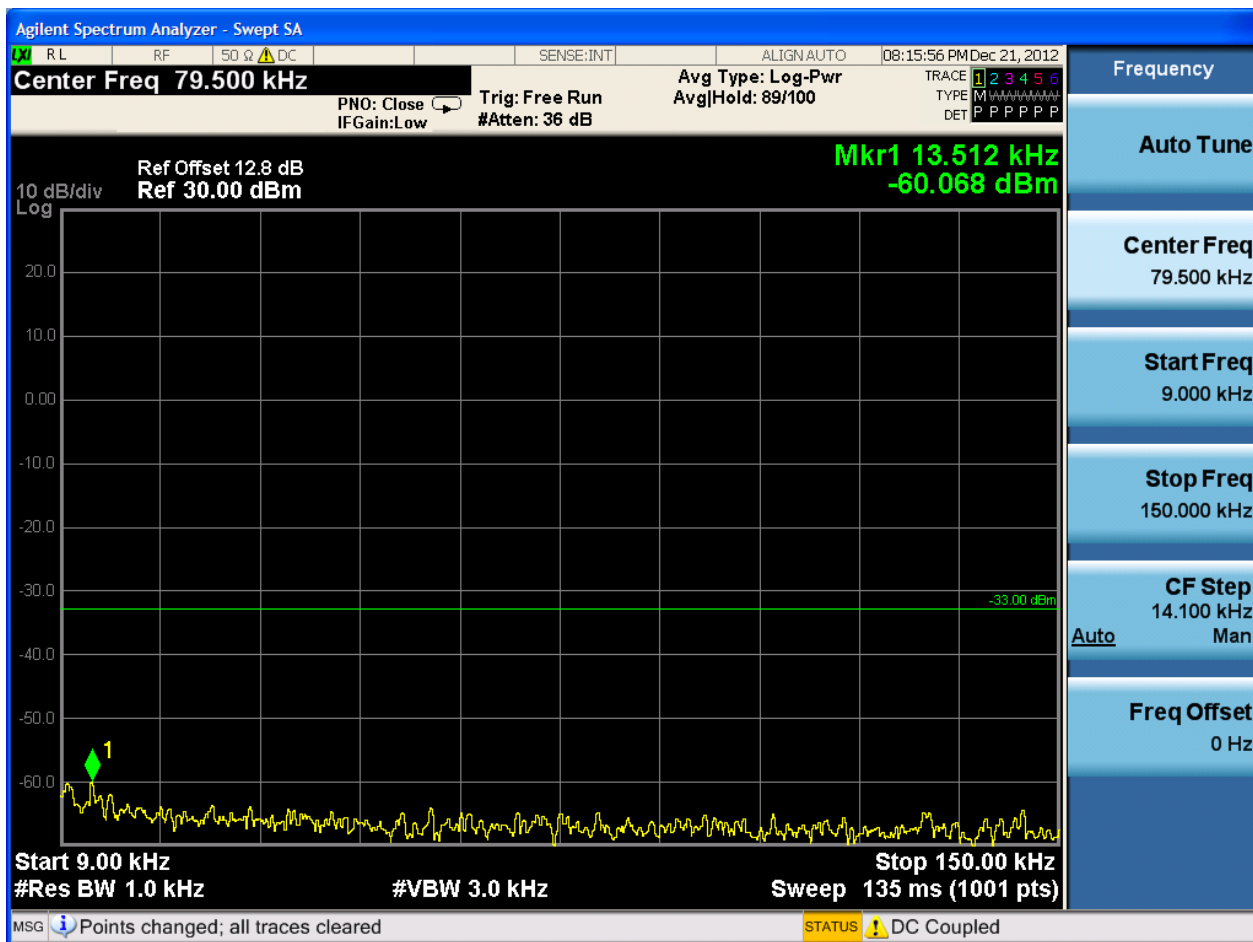


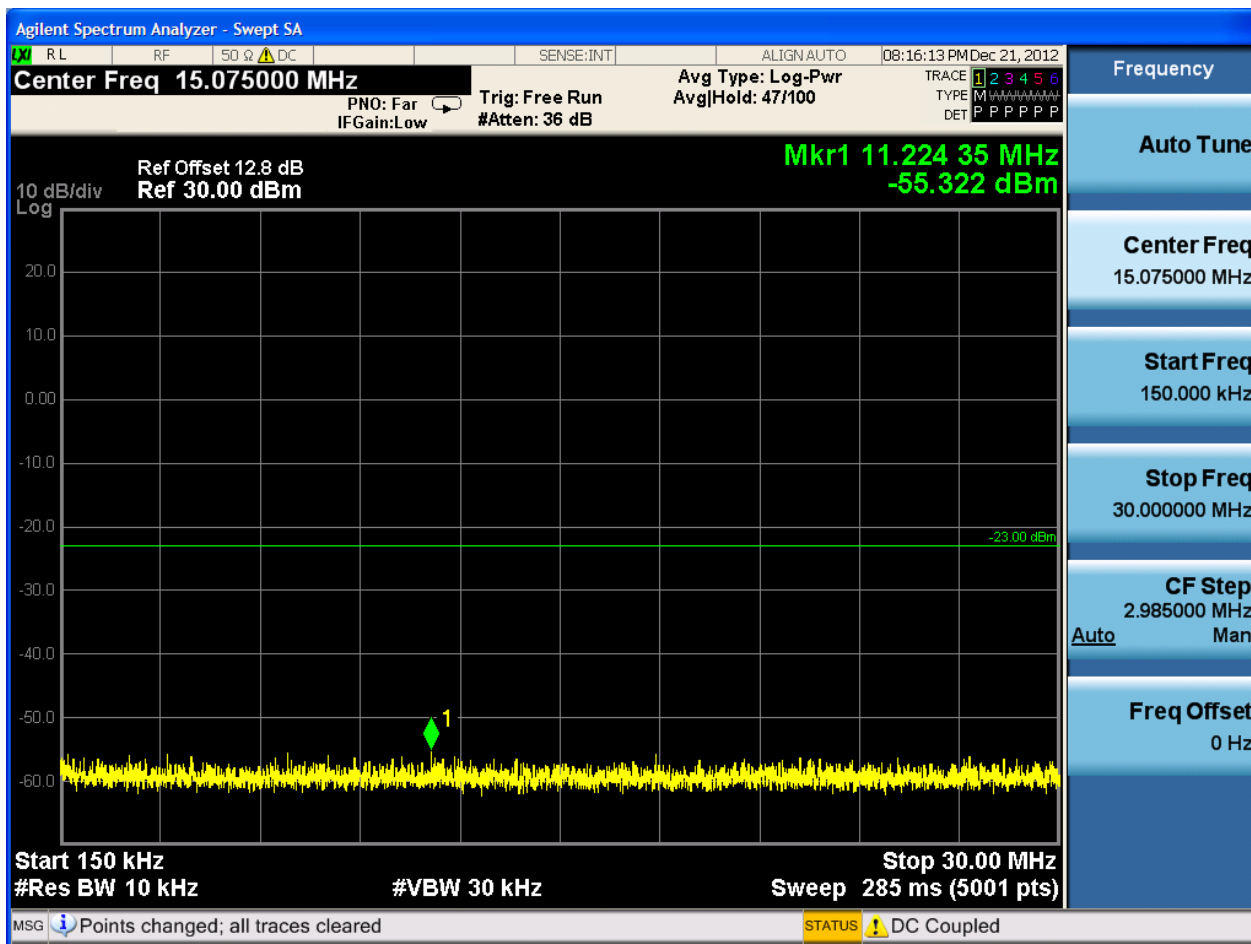


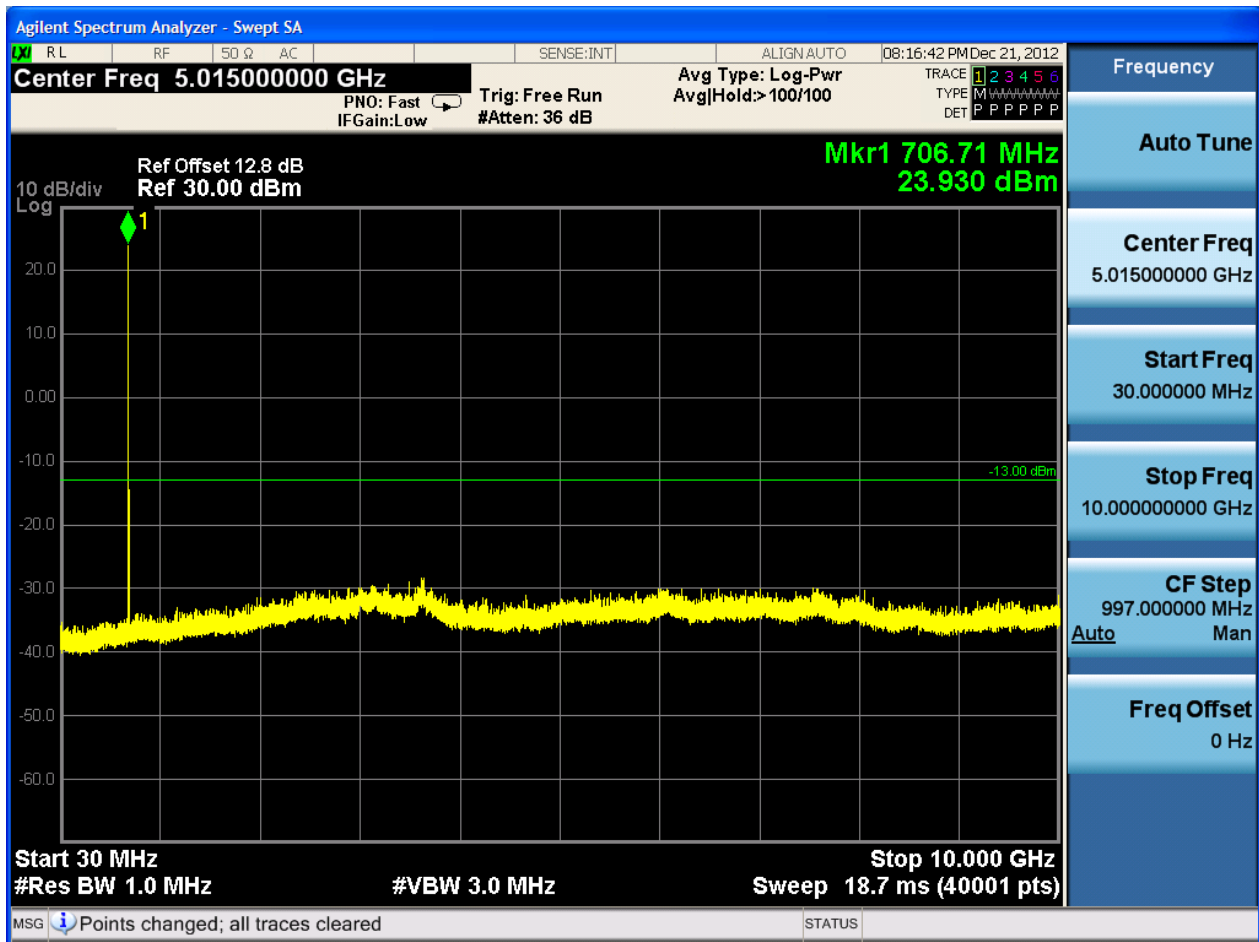


4.1.1.1.2.3 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB1#0





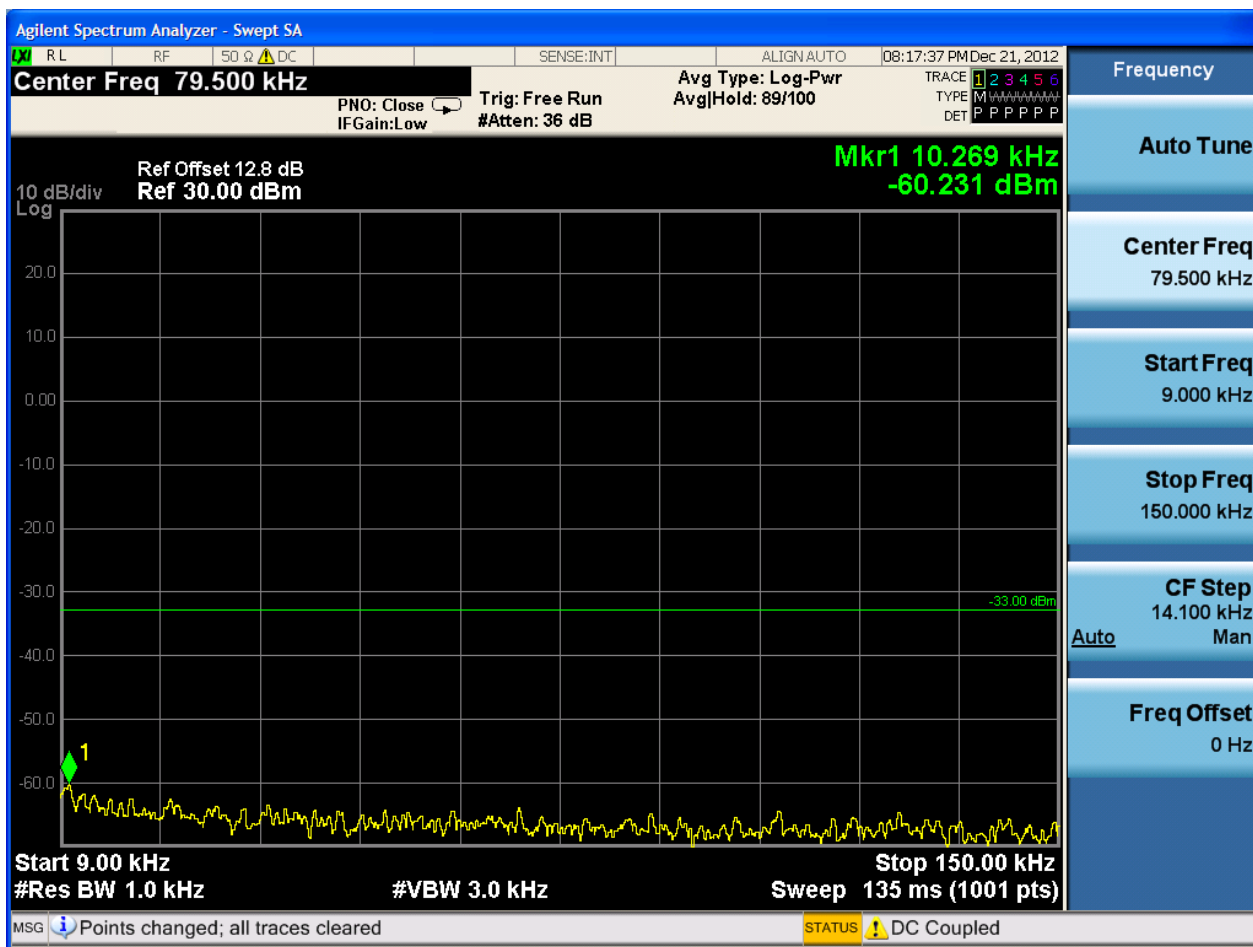


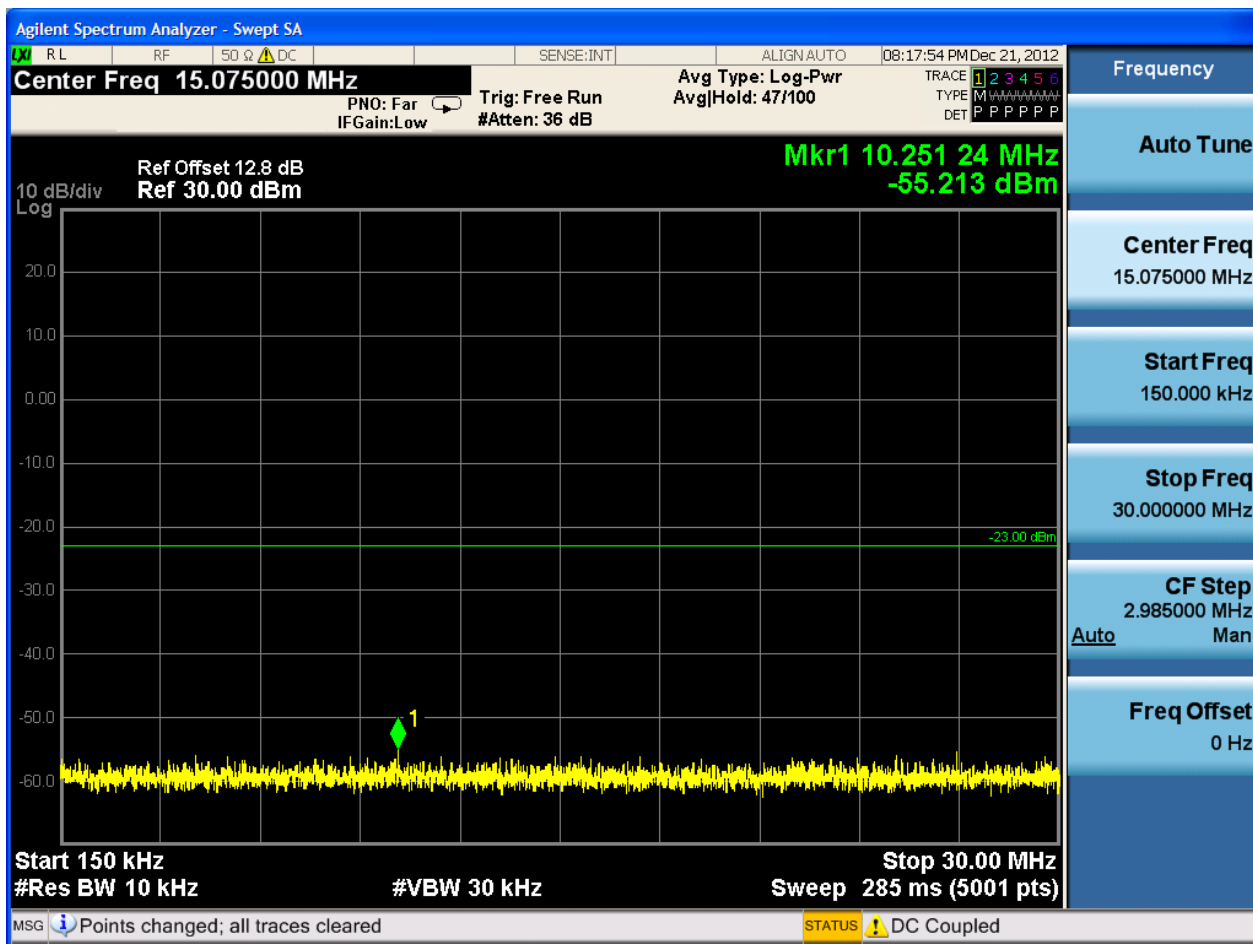
4.1.1.2 Test Mode = LTE/TM2

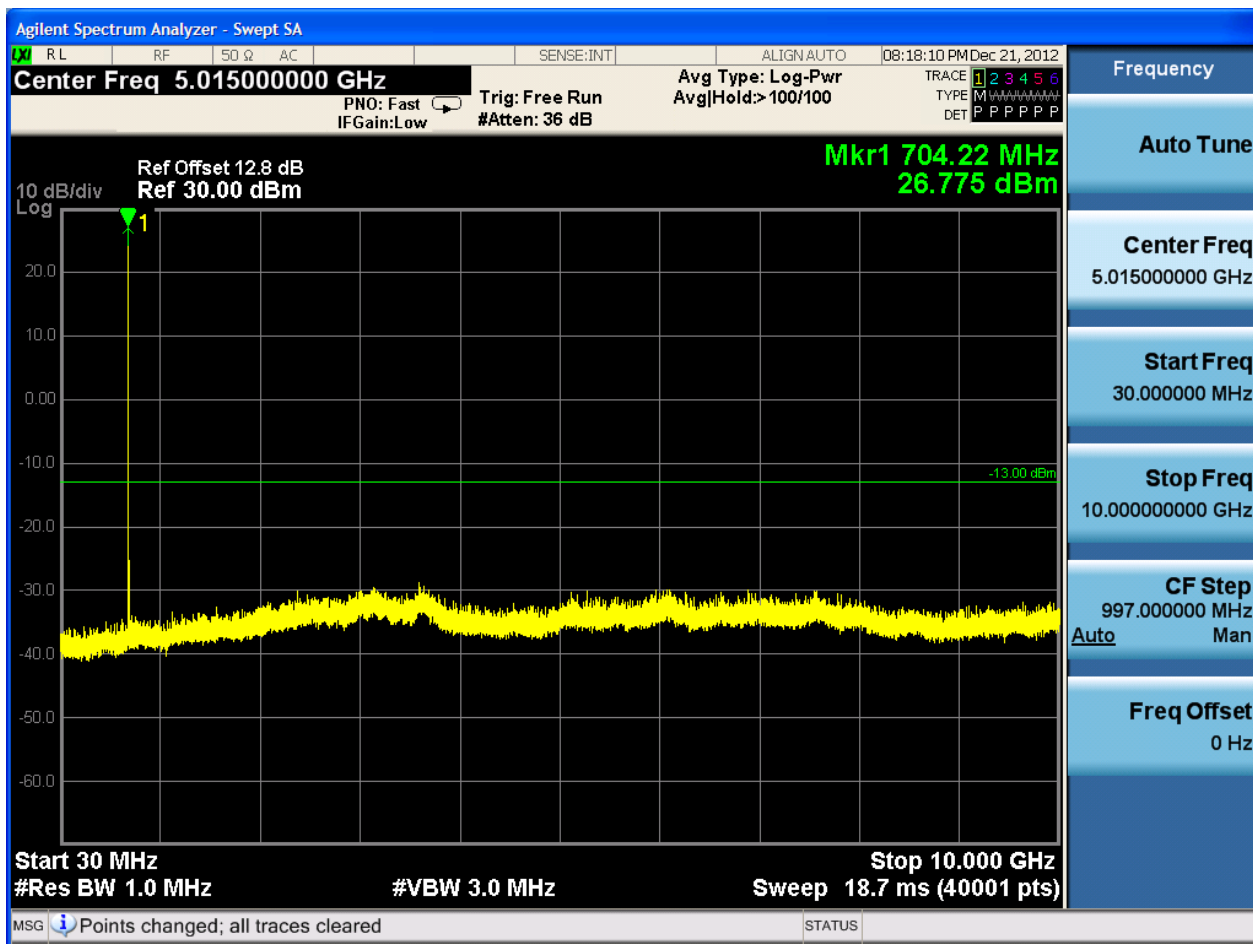
4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB1#0



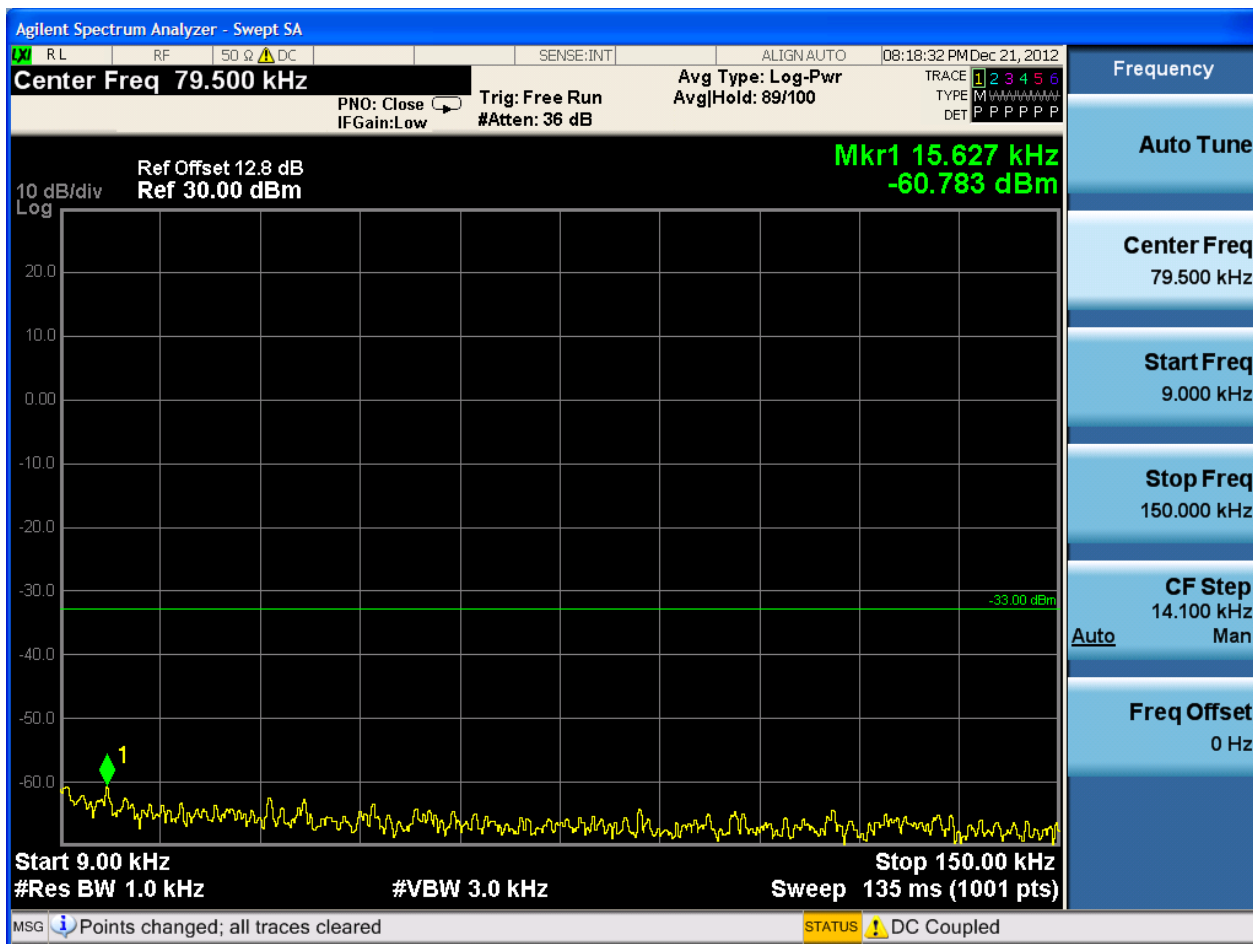


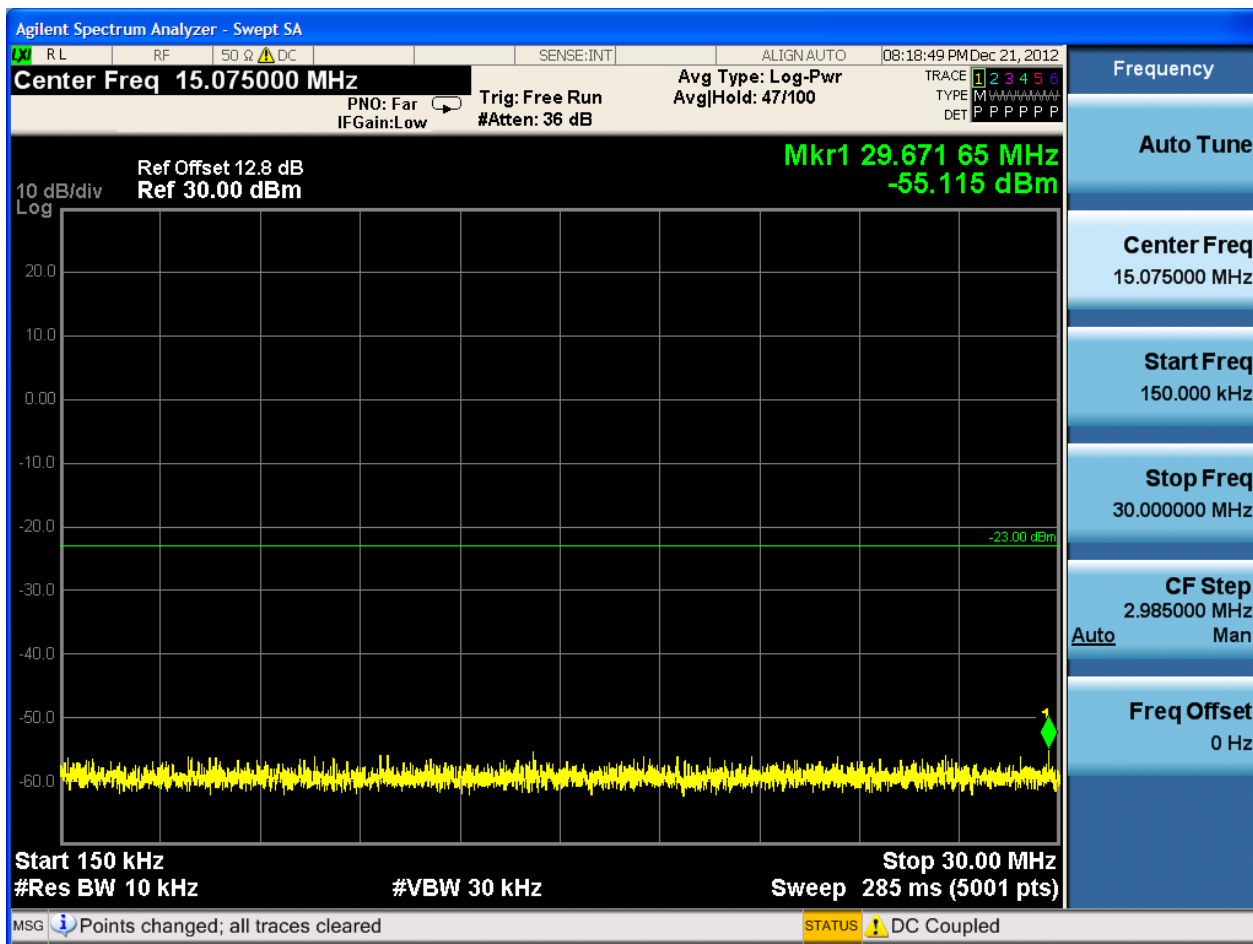


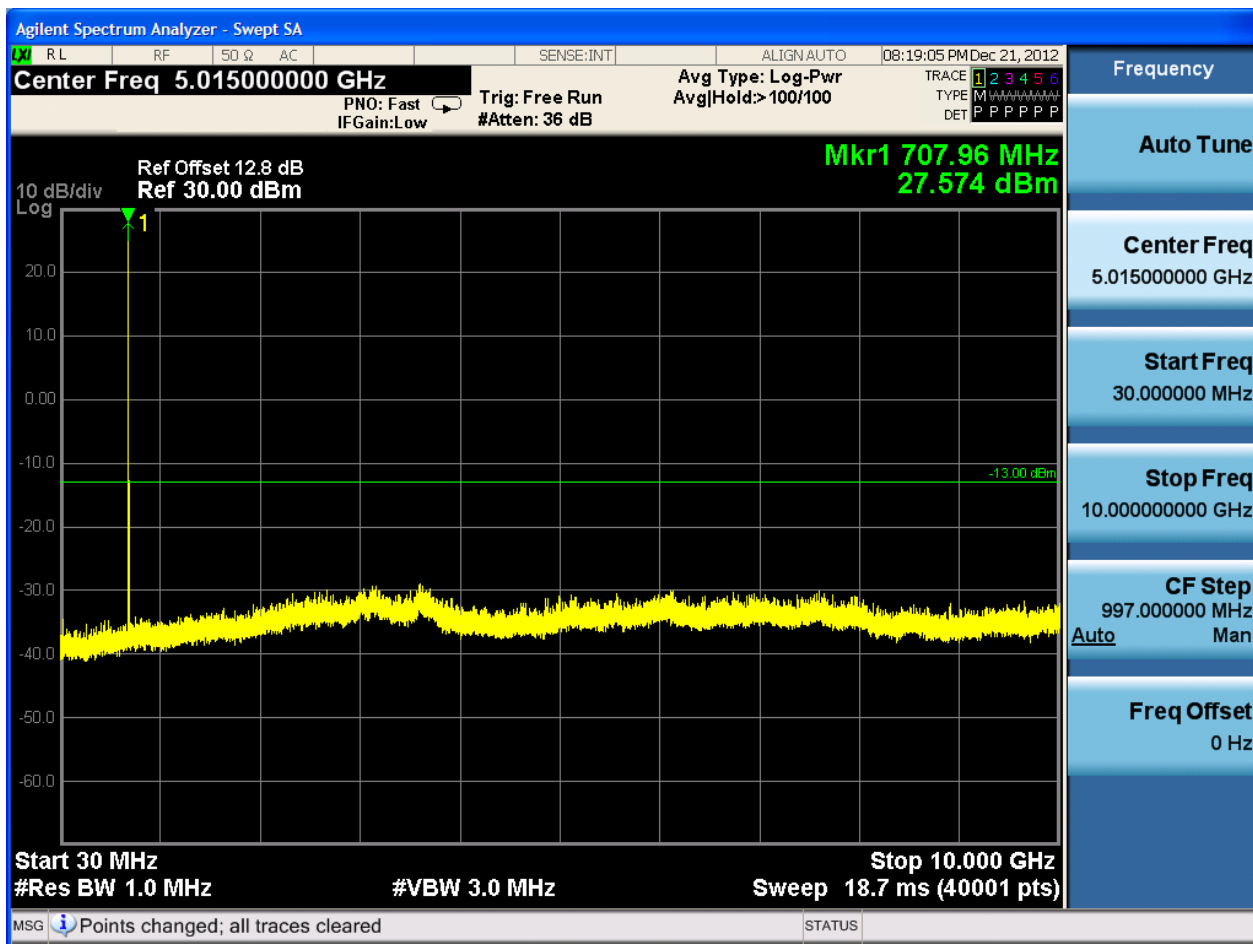


4.1.1.2.1.2 Test Channel = HCH

4.1.1.2.1.2.1 Test RB = RB1#0

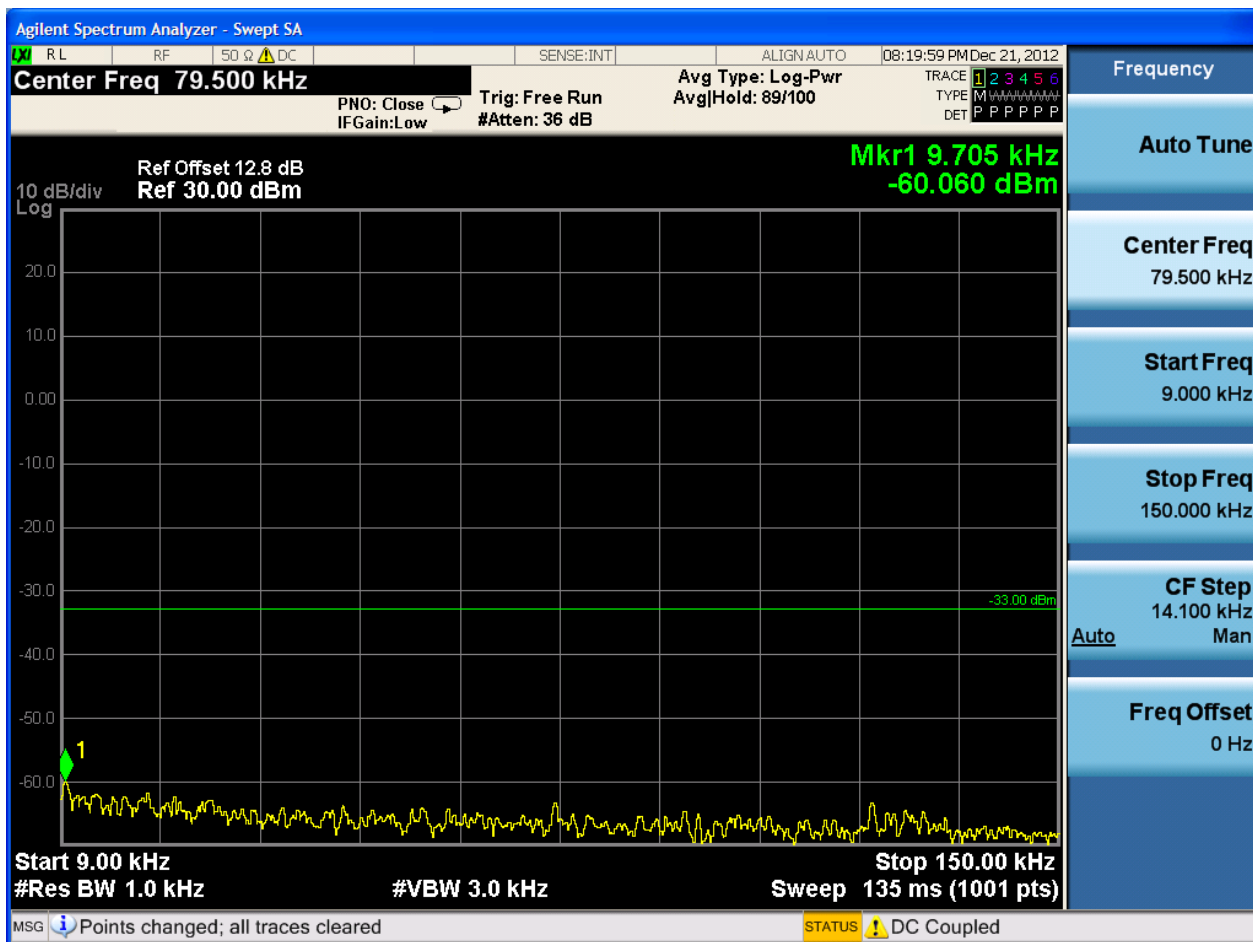


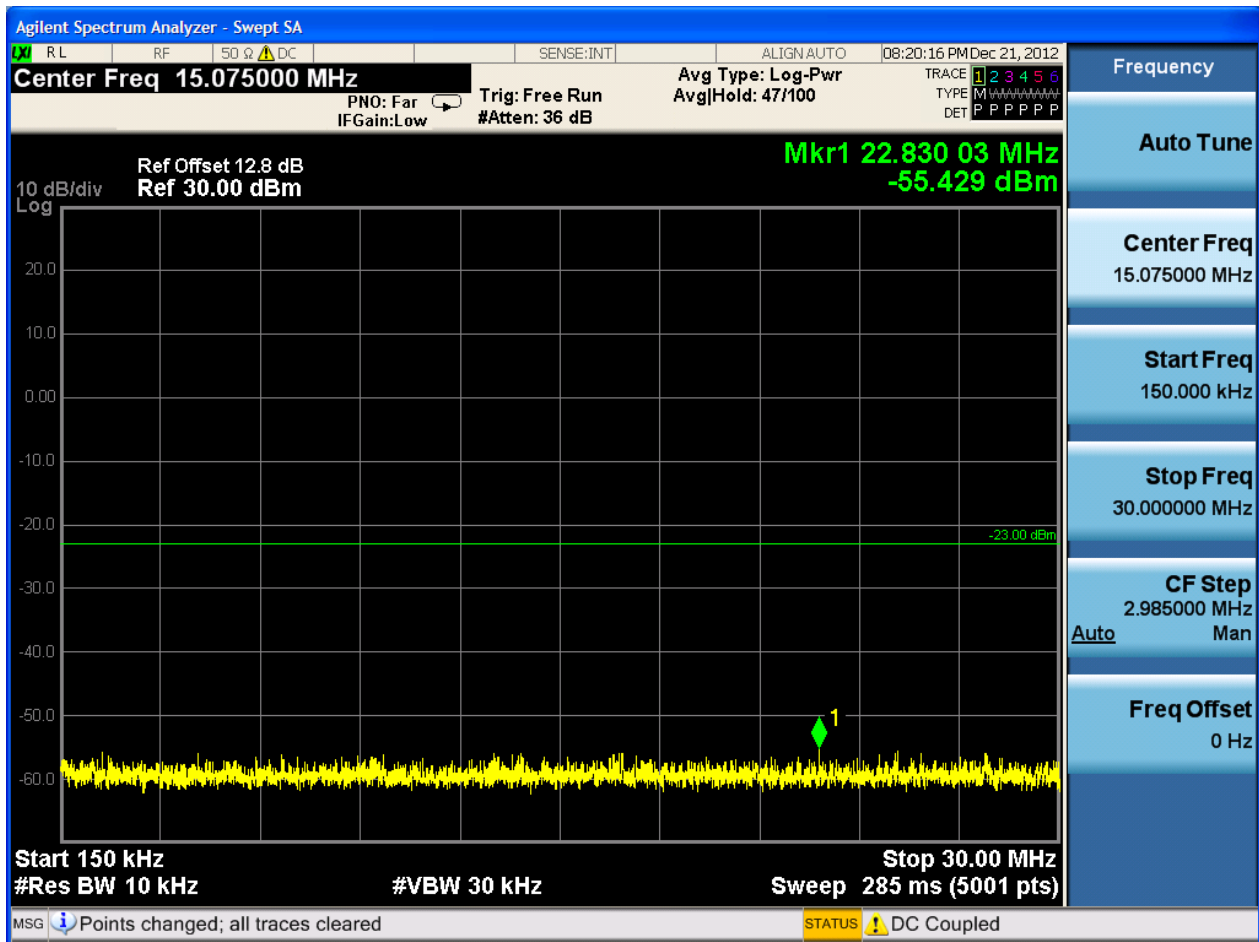


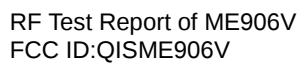


4.1.1.2.1.3 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB1#0



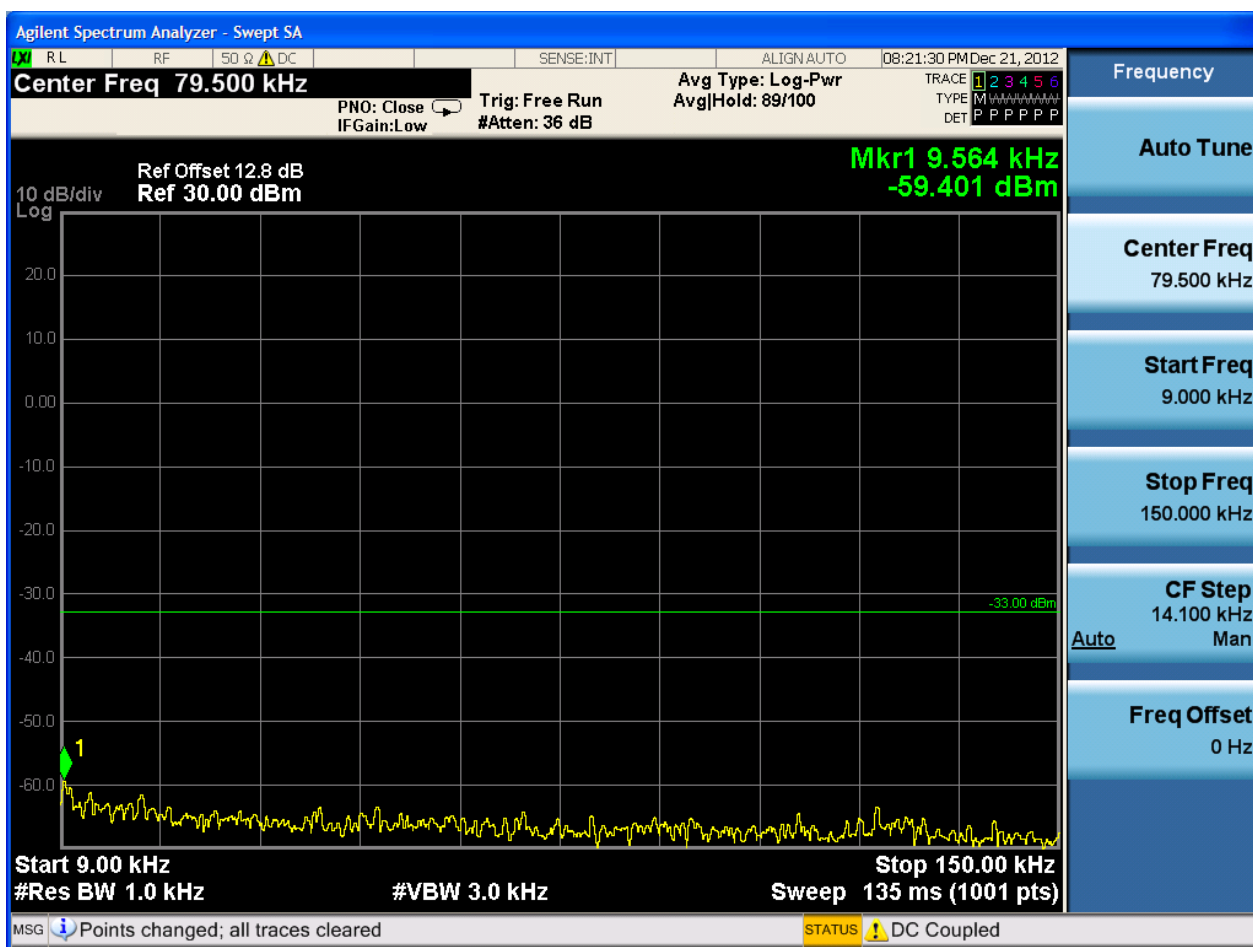


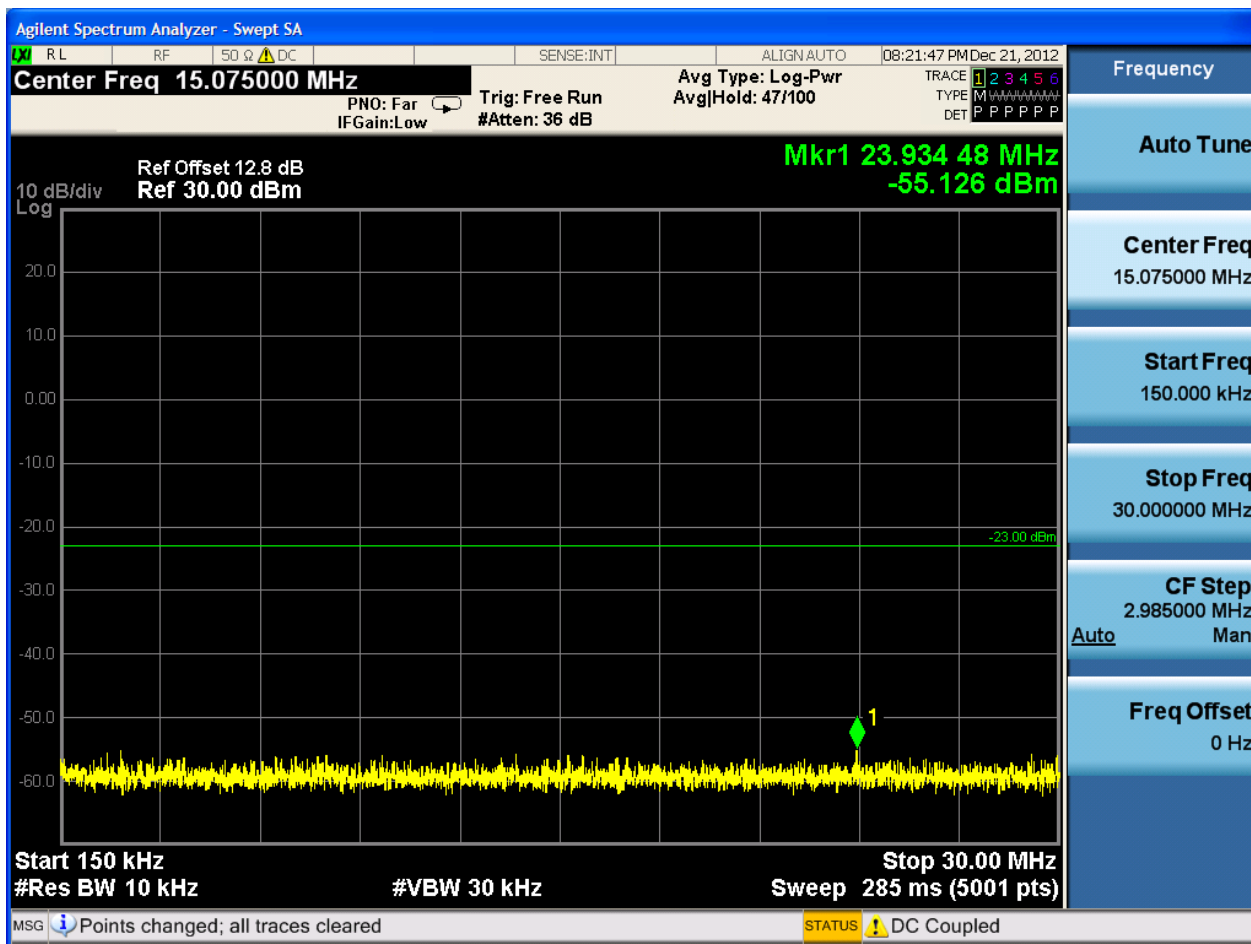


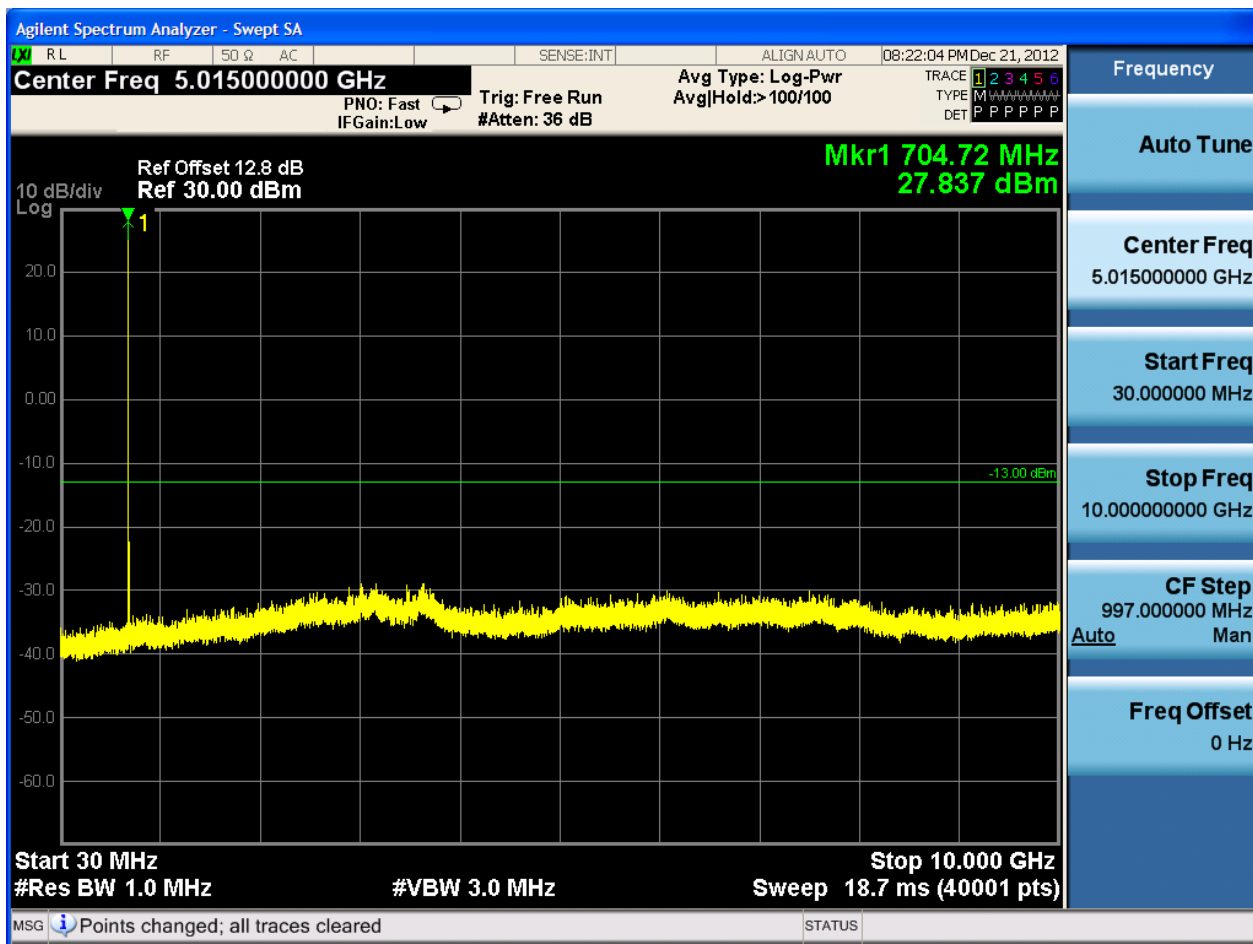
4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB1#0



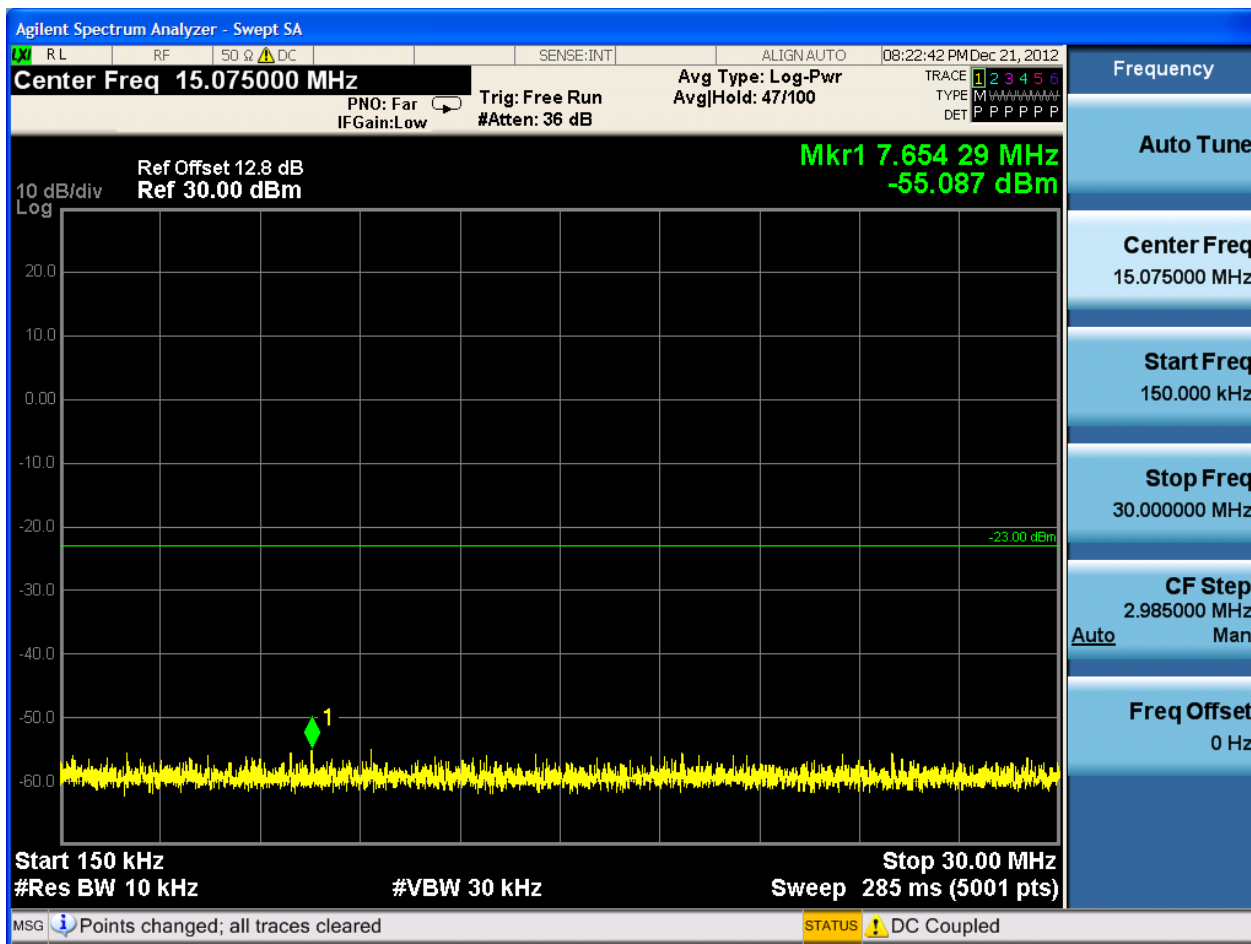


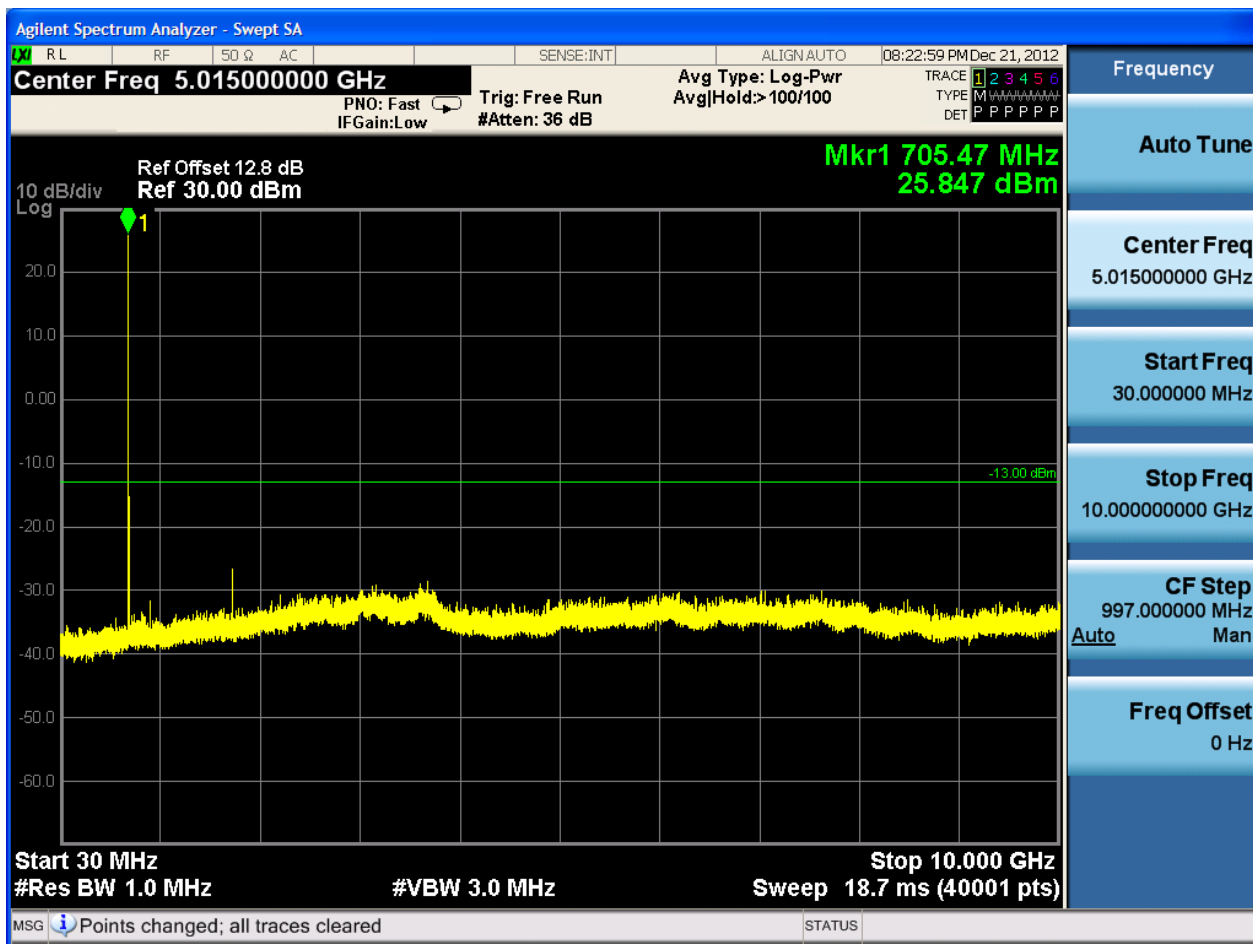


4.1.1.2.2.2 Test Channel = HCH

4.1.1.2.2.2.1 Test RB = RB1#0



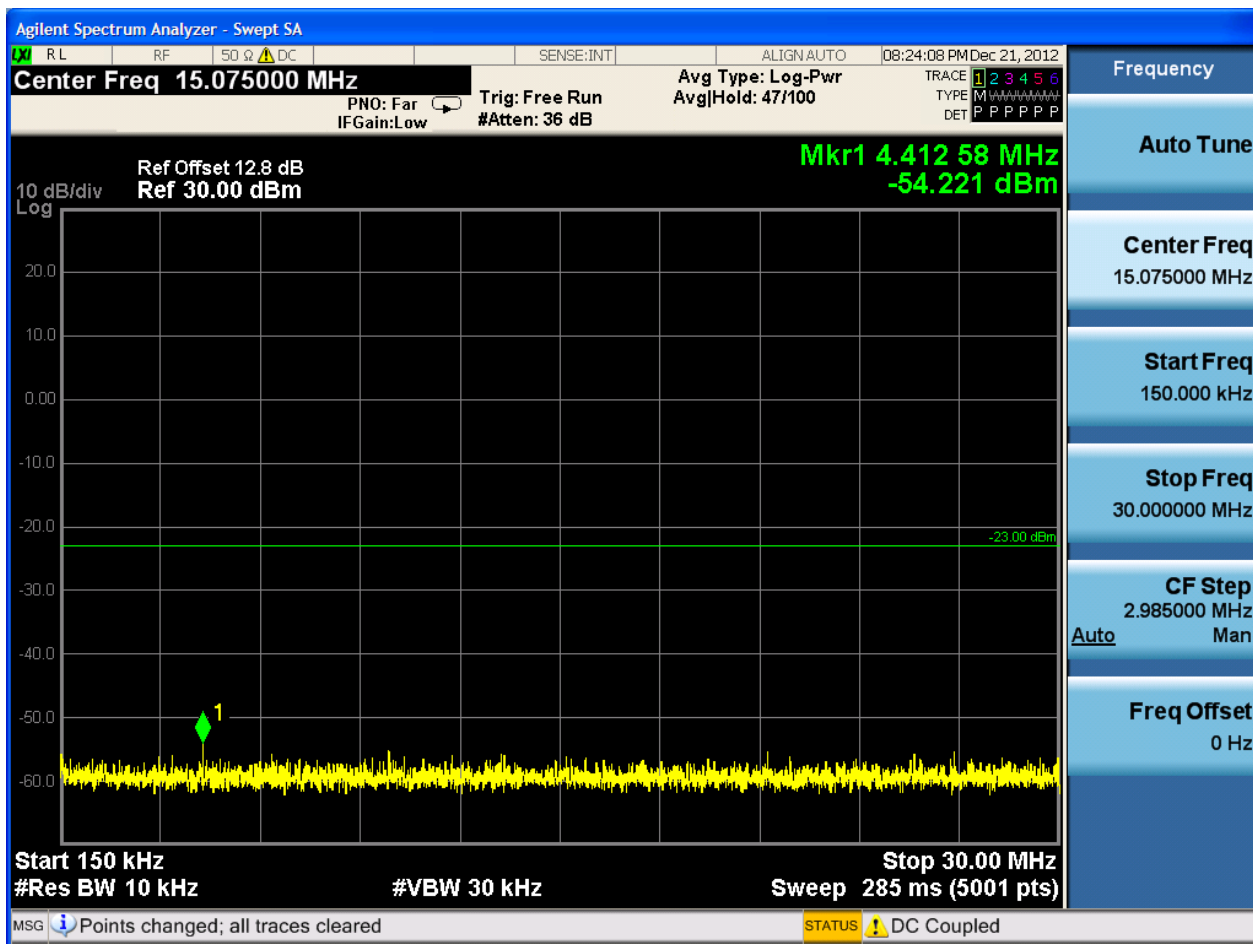


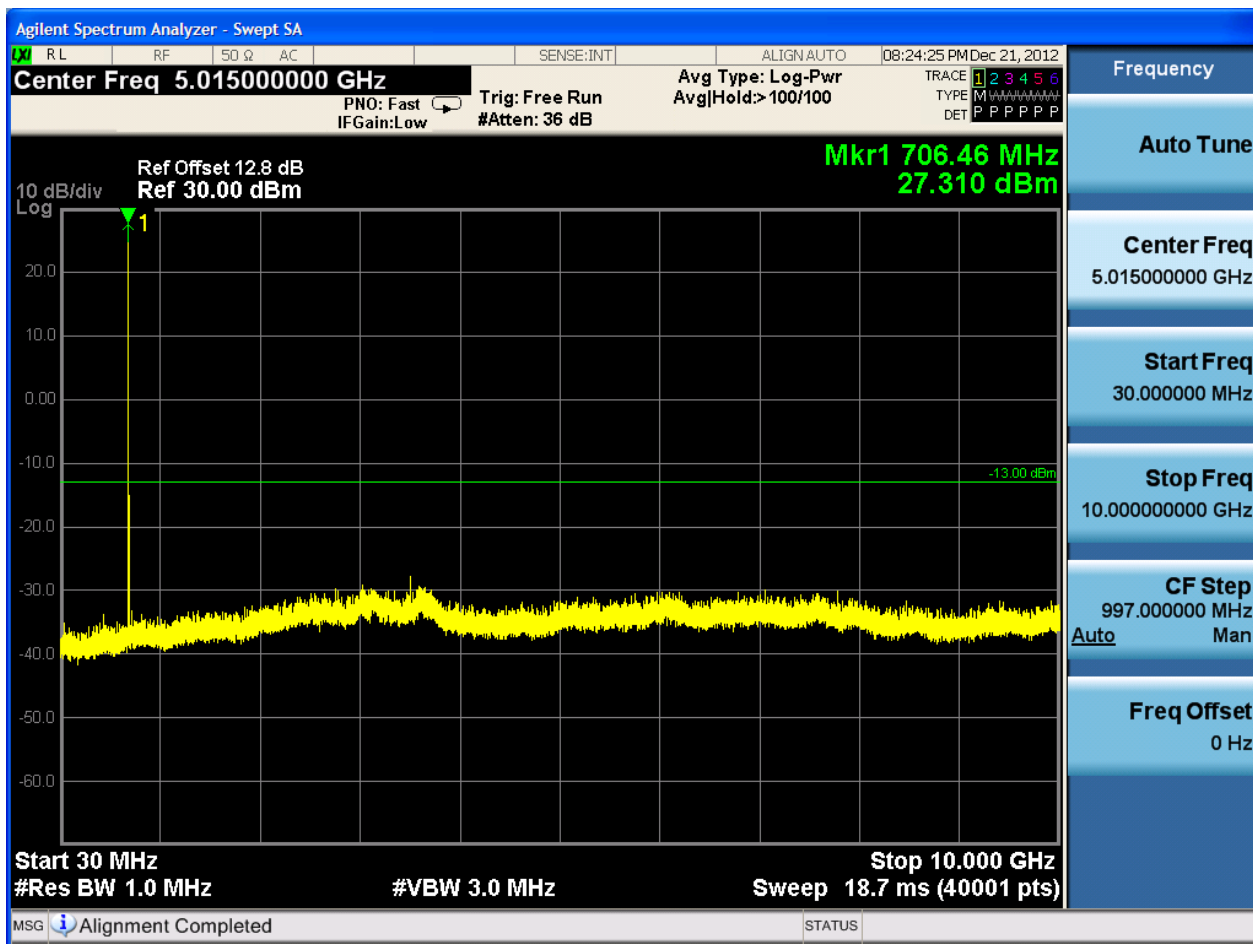


4.1.1.2.2.3 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB1#0







5Appendix_E: Radiated spurious emission

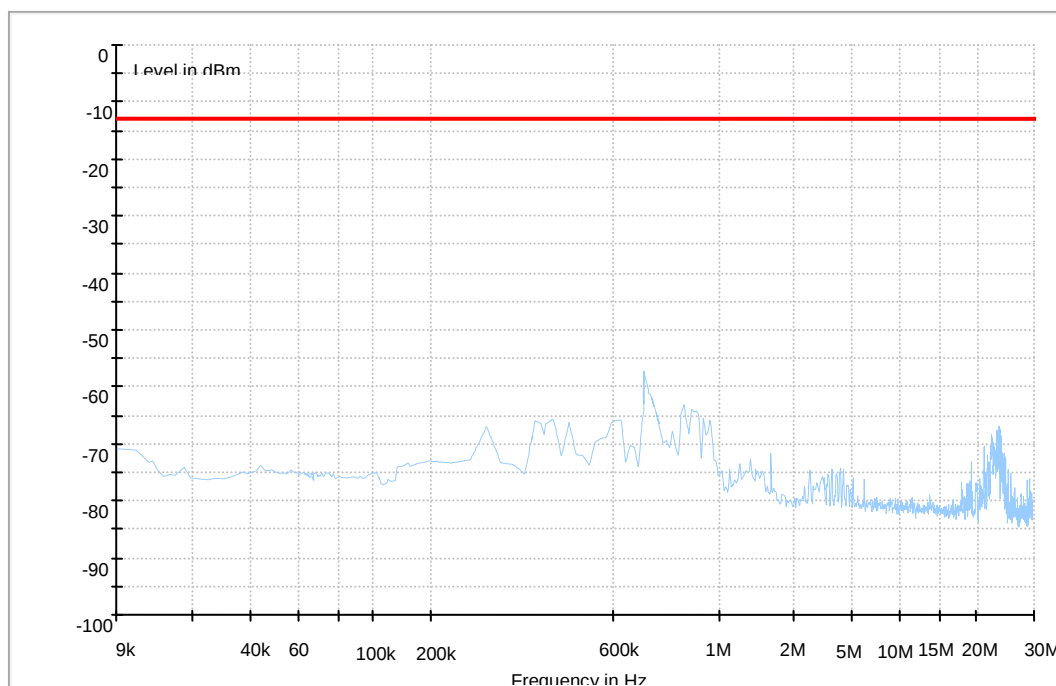
5.1For LTE

5.1.1Test Band=BAND17

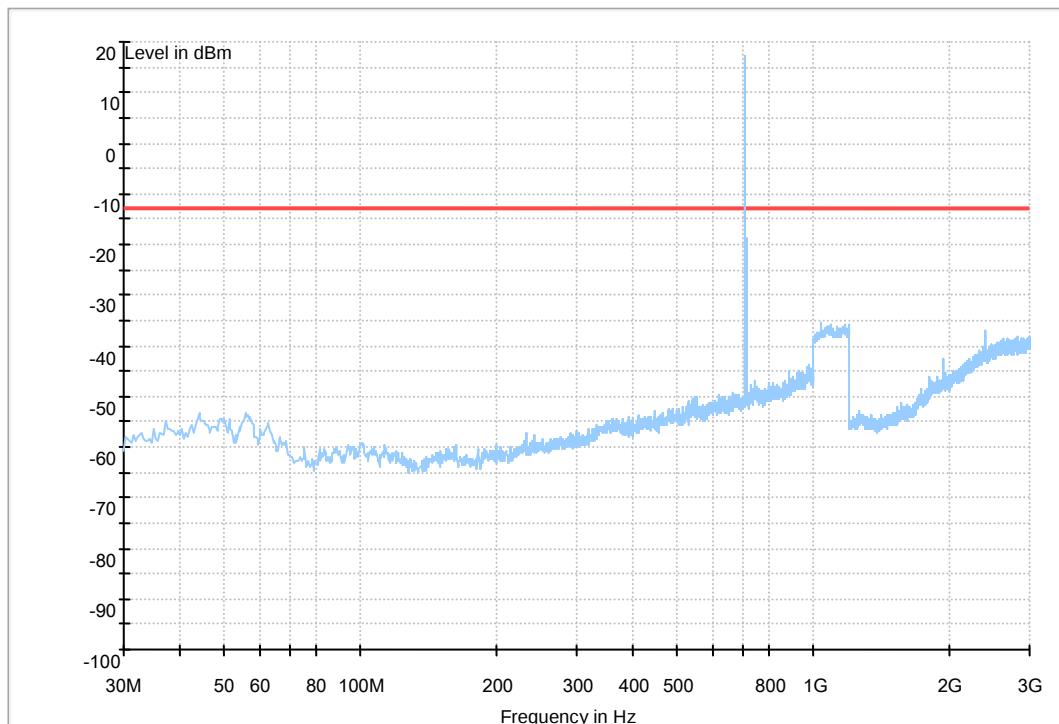
5.1.1.1Test mode=LTE/TM1

5.1.1.1.1Test Width=5

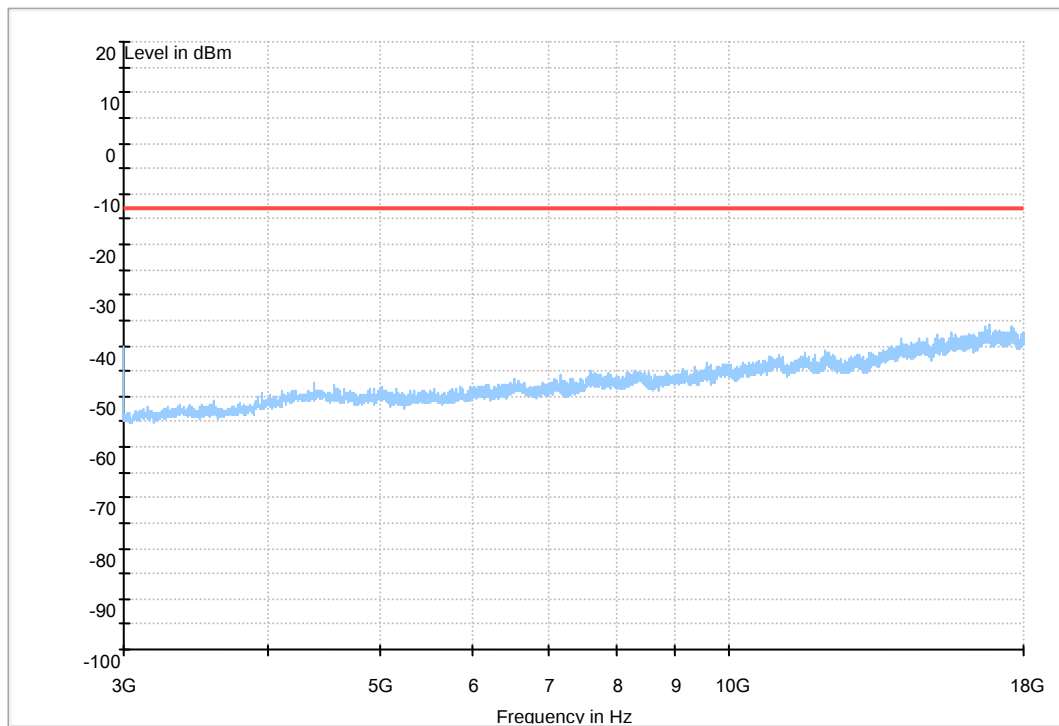
Traffic Mode (9kHz-30MHz)



Traffic Mode (30MHz-3GHz)

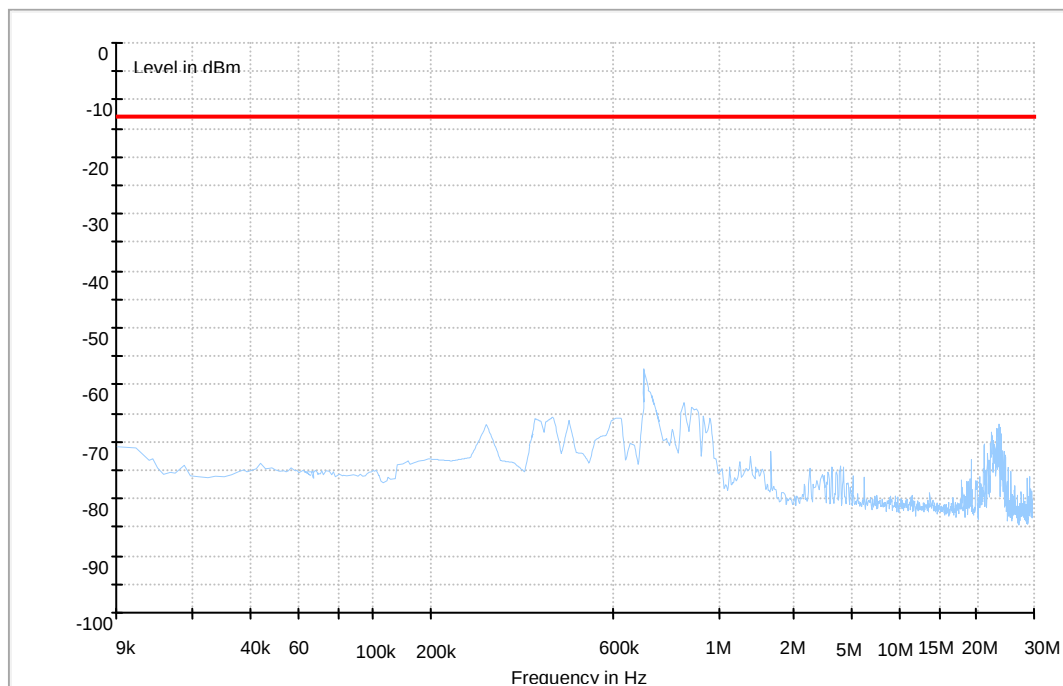


Traffic Mode (3GHz-18GHz)

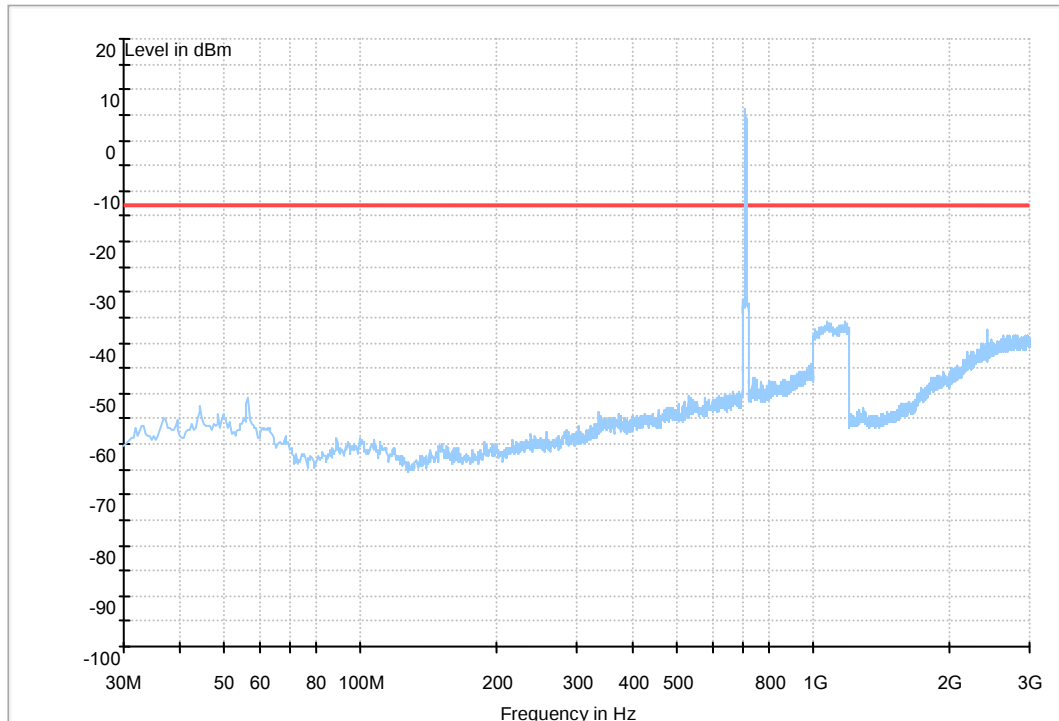


5.1.1.1.2 Test Width=10

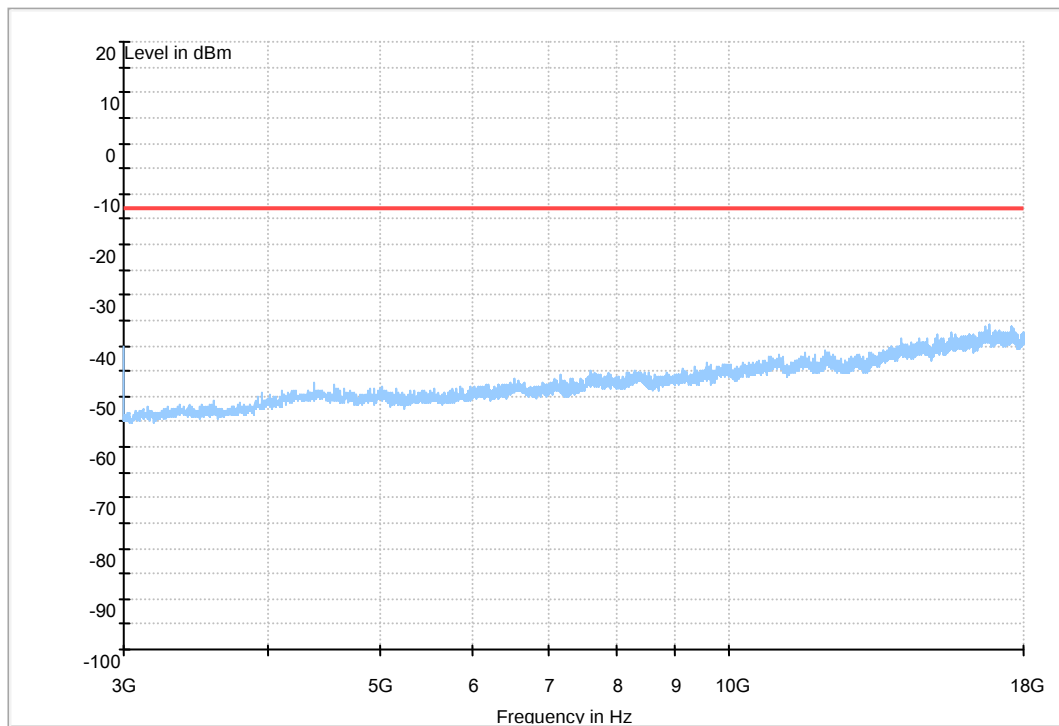
Traffic Mode (9kHz-30MHz)



Traffic Mode (30MHz-3GHz)



Traffic Mode (3GHz-18GHz)



6Appendix_F: Frequency Stability

6.1 For LTE

6.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
BAND17	LTE/TM1	5	LCH	TN	VL	-2.98	-0.00422	±2.5	PASS
					VN	2.47	0.0035	±2.5	PASS
					VH	-2.37	-0.00335	±2.5	PASS
			MCH	TN	VL	-1.30	-0.00183	±2.5	PASS
					VN	-2.76	-0.00389	±2.5	PASS
					VH	-8.93	-0.01258	±2.5	PASS
			HCH	TN	VL	-1.44	-0.00202	±2.5	PASS
					VN	-1.44	-0.00202	±2.5	PASS
					VH	-1.60	-0.00224	±2.5	PASS
		10	LCH	TN	VL	-1.36	-0.00192	±2.5	PASS
					VN	3.03	0.00427	±2.5	PASS
					VH	0.46	0.00065	±2.5	PASS
			MCH	TN	VL	-1.77	-0.00249	±2.5	PASS
					VN	3.58	0.00504	±2.5	PASS
					VH	8.13	0.01145	±2.5	PASS
			HCH	TN	VL	-1.62	-0.00228	±2.5	PASS
					VN	1.65	0.00232	±2.5	PASS
					VH	7.08	0.00996	±2.5	PASS
	LTE/TM2	5	LCH	TN	VL	-5.61	-0.00794	±2.5	PASS
					VN	-2.19	-0.00452	±2.5	PASS
					VH	3.49	0.00494	±2.5	PASS
			MCH	TN	VL	-0.73	-0.00103	±2.5	PASS
					VN	-3.06	-0.00431	±2.5	PASS
					VH	-2.16	-0.00445	±2.5	PASS
			HCH	TN	VL	-1.60	-0.00224	±2.5	PASS
					VN	-3.62	-0.00507	±2.5	PASS
					VH	-0.54	-0.00076	±2.5	PASS
		10	LCH	TN	VL	-1.47	-0.00207	±2.5	PASS
					VN	-4.02	-0.00567	±2.5	PASS
					VH	-1.75	-0.00247	±2.5	PASS
			MCH	TN	VL	-1.92	-0.0027	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict	
				TN	VN	-4.48	-0.00631	±2.5	PASS	
					VH	-2.79	-0.00393	±2.5	PASS	
			HCH		VL	-1.72	-0.00242	±2.5	PASS	
					VN	0.50	0.0007	±2.5	PASS	
					VH	-3.30	-0.00464	±2.5	PASS	

6.1.2 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
BAND17	LTE/TM1	5	LCH	VN	-30	-5.46	-0.00773	±2.5	PASS
					-20	-0.83	-0.00117	±2.5	PASS
					-10	-2.20	-0.00311	±2.5	PASS
					0	-0.84	-0.00119	±2.5	PASS
					10	0.29	0.00041	±2.5	PASS
					20	-2.16	-0.00306	±2.5	PASS
					30	-3.33	-0.00471	±2.5	PASS
					40	-1.65	-0.00234	±2.5	PASS
					50	-4.41	-0.00624	±2.5	PASS
			MCH	VN	-30	-1.07	-0.00151	±2.5	PASS
					-20	-1.27	-0.00179	±2.5	PASS
					-10	-1.07	-0.00151	±2.5	PASS
					0	-3.32	-0.00468	±2.5	PASS
					10	-2.29	-0.00323	±2.5	PASS
					20	-3.42	-0.00482	±2.5	PASS
					30	-1.62	-0.00228	±2.5	PASS
					40	1.02	0.00144	±2.5	PASS
					50	-0.34	-0.00048	±2.5	PASS
			HCH	VN	-30	-1.49	-0.00209	±2.5	PASS
					-20	-1.67	-0.00234	±2.5	PASS
					-10	-8.40	-0.01177	±2.5	PASS
					0	2.20	0.00308	±2.5	PASS
					10	-0.69	-0.00097	±2.5	PASS
					20	-2.63	-0.00369	±2.5	PASS
					30	-1.36	-0.00191	±2.5	PASS
					40	-0.94	-0.00132	±2.5	PASS
					50	-1.66	-0.00233	±2.5	PASS
		10	LCH	VN	-30	-0.93	-0.00131	±2.5	PASS
					-20	-2.07	-0.00292	±2.5	PASS
					-10	-1.75	-0.00247	±2.5	PASS
					0	1.70	0.0024	±2.5	PASS
					10	-2.56	-0.00361	±2.5	PASS
					20	6.34	0.00894	±2.5	PASS
					30	1.92	0.00271	±2.5	PASS
					40	0.84	0.00118	±2.5	PASS
					50	0.34	0.00048	±2.5	PASS
			MCH	VN	-30	-0.96	-0.00135	±2.5	PASS
					-20	5.29	0.00745	±2.5	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					-10	8.68	0.01223	±2.5	PASS
					0	6.45	0.00908	±2.5	PASS
					10	4.06	0.00572	±2.5	PASS
					20	0.62	0.00087	±2.5	PASS
					30	3.76	0.0053	±2.5	PASS
					40	0.77	0.00108	±2.5	PASS
					50	1.36	0.00192	±2.5	PASS
			HCH	VN	-30	-1.17	-0.00165	±2.5	PASS
					-20	0.83	0.00117	±2.5	PASS
					-10	5.25	0.00738	±2.5	PASS
					0	-2.75	-0.00387	±2.5	PASS
					10	2.27	0.00319	±2.5	PASS
					20	-1.36	-0.00191	±2.5	PASS
					30	1.86	0.00262	±2.5	PASS
					40	4.19	0.0073	±2.5	PASS
					50	2.00	0.00281	±2.5	PASS
	LTE/TM2	5	LCH	VN	-30	0.00	0	±2.5	PASS
					-20	-0.19	-0.00027	±2.5	PASS
					-10	-7.55	-0.01069	±2.5	PASS
					0	-1.02	-0.00144	±2.5	PASS
					10	-2.45	-0.00347	±2.5	PASS
					20	-4.66	-0.0066	±2.5	PASS
					30	-2.20	-0.00311	±2.5	PASS
					40	-7.61	-0.01077	±2.5	PASS
					50	1.02	0.00144	±2.5	PASS
			MCH	VN	-30	-1.39	-0.00196	±2.5	PASS
					-20	-0.86	-0.00121	±2.5	PASS
					-10	-0.43	-0.00061	±2.5	PASS
					0	-1.10	-0.00155	±2.5	PASS
					10	-1.43	-0.00201	±2.5	PASS
					20	-5.34	-0.00752	±2.5	PASS
					30	-0.46	-0.00065	±2.5	PASS
					40	-1.37	-0.00193	±2.5	PASS
					50	-10.16	-0.01431	±2.5	PASS
			HCH	VN	-30	-1.22	-0.00171	±2.5	PASS
					-20	-1.57	-0.0022	±2.5	PASS
					-10	-0.72	-0.00101	±2.5	PASS
					0	-10.16	-0.01424	±2.5	PASS
					10	-2.07	-0.0029	±2.5	PASS
					20	-1.85	-0.00259	±2.5	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					30	-0.60	-0.00084	±2.5	PASS
					40	-0.46	-0.00064	±2.5	PASS
					50	-0.39	-0.00055	±2.5	PASS
		10	LCH	VN	-30	-1.43	-0.00202	±2.5	PASS
					-20	-2.86	-0.00403	±2.5	PASS
					-10	-5.97	-0.00842	±2.5	PASS
					0	-2.36	-0.00333	±2.5	PASS
					10	-10.60	-0.01495	±2.5	PASS
					20	-4.53	-0.00639	±2.5	PASS
					30	-3.56	-0.00502	±2.5	PASS
					40	-3.46	-0.00488	±2.5	PASS
					50	-5.92	-0.00835	±2.5	PASS
			MCH	VN	-30	-5.65	-0.00796	±2.5	PASS
					-20	-6.92	-0.00975	±2.5	PASS
					-10	-4.09	-0.00576	±2.5	PASS
					0	-4.43	-0.00624	±2.5	PASS
					10	-5.78	-0.00814	±2.5	PASS
					20	-5.12	-0.00862	±2.5	PASS
					30	-3.83	-0.00539	±2.5	PASS
					40	-2.59	-0.00365	±2.5	PASS
					50	-0.70	-0.00099	±2.5	PASS
			HCH	VN	-30	-1.50	-0.00211	±2.5	PASS
					-20	-5.99	-0.00842	±2.5	PASS
					-10	-4.21	-0.00592	±2.5	PASS
					0	-4.56	-0.00641	±2.5	PASS
					10	-1.62	-0.00228	±2.5	PASS
					20	0.60	0.00084	±2.5	PASS
					30	-3.35	-0.00471	±2.5	PASS
					40	-5.18	-0.00869	±2.5	PASS
					50	2.56	0.0036	±2.5	PASS

END