



Appendix for test report

1Appendix_A: Conducted Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	Limit [dBm]	Verdict
BAND26	LTE/TM1	1.4	LCH	RB1#0	23.02	50	PASS
				RB1#3	22.94	50	PASS
				RB1#5	22.9	50	PASS
				RB3#0	22.82	50	PASS
				RB3#2	22.85	50	PASS
				RB3#3	22.84	50	PASS
				RB6#0	21.92	50	PASS
			MCH	RB1#0	23.23	50	PASS
				RB1#3	23.24	50	PASS
				RB1#5	23.17	50	PASS
				RB3#0	23.11	50	PASS
				RB3#2	23.02	50	PASS
				RB3#3	23.05	50	PASS
				RB6#0	22.15	50	PASS
			HCH	RB1#0	22.9	50	PASS
				RB1#3	22.91	50	PASS
				RB1#5	22.87	50	PASS
				RB3#0	22.87	50	PASS
				RB3#2	22.82	50	PASS
				RB3#3	22.83	50	PASS
				RB6#0	21.95	50	PASS
		3	LCH	RB1#0	22.94	50	PASS
				RB1#7	22.9	50	PASS
				RB1#14	23.01	50	PASS
				RB8#0	21.91	50	PASS
				RB8#4	21.82	50	PASS
				RB8#7	21.81	50	PASS
				RB15#0	21.79	50	PASS
			MCH	RB1#0	23	50	PASS
				RB1#7	23.27	50	PASS
				RB1#14	23.16	50	PASS
				RB8#0	22.09	50	PASS

				RB8#4	22.04	50	PASS
				RB8#7	22.15	50	PASS
				RB15#0	22.08	50	PASS
			HCH	RB1#0	23.04	50	PASS
				RB1#7	22.93	50	PASS
				RB1#14	22.87	50	PASS
				RB8#0	21.95	50	PASS
				RB8#4	21.93	50	PASS
				RB8#7	21.96	50	PASS
				RB15#0	21.89	50	PASS
		5	LCH	RB1#0	22.98	50	PASS
				RB1#13	22.96	50	PASS
				RB1#24	23.1	50	PASS
				RB12#0	21.85	50	PASS
				RB12#6	21.82	50	PASS
				RB12#13	22.04	50	PASS
				RB25#0	21.85	50	PASS
			MCH	RB1#0	22.95	50	PASS
				RB1#13	23.2	50	PASS
				RB1#24	22.98	50	PASS
				RB12#0	21.96	50	PASS
				RB12#6	22.1	50	PASS
				RB12#13	22.06	50	PASS
				RB25#0	21.98	50	PASS
			HCH	RB1#0	23.15	50	PASS
				RB1#13	23.02	50	PASS
				RB1#24	22.79	50	PASS
				RB12#0	22.05	50	PASS
				RB12#6	21.92	50	PASS
				RB12#13	21.92	50	PASS
				RB25#0	21.94	50	PASS
		10	LCH/ MCH/ HCH	RB1#0	22.82	50	PASS
				RB1#25	23.26	50	PASS
				RB1#49	22.82	50	PASS
				RB25#0	21.9	50	PASS
				RB25#13	22.13	50	PASS
				RB25#25	21.96	50	PASS
				RB50#0	21.83	50	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.73	50	PASS
				RB1#3	21.79	50	PASS
				RB1#5	21.7	50	PASS

				RB3#0	21.56	50	PASS
				RB3#2	21.66	50	PASS
				RB3#3	21.66	50	PASS
				RB6#0	20.82	50	PASS
			MCH	RB1#0	22.04	50	PASS
				RB1#3	22.06	50	PASS
				RB1#5	22.07	50	PASS
				RB3#0	21.87	50	PASS
				RB3#2	21.85	50	PASS
				RB3#3	21.88	50	PASS
				RB6#0	20.98	50	PASS
			HCH	RB1#0	21.76	50	PASS
				RB1#3	21.75	50	PASS
				RB1#5	21.74	50	PASS
				RB3#0	21.68	50	PASS
				RB3#2	21.65	50	PASS
				RB3#3	21.65	50	PASS
				RB6#0	20.84	50	PASS
		3	LCH	RB1#0	21.73	50	PASS
				RB1#7	21.73	50	PASS
				RB1#14	21.8	50	PASS
				RB8#0	20.92	50	PASS
				RB8#4	20.83	50	PASS
				RB8#7	20.86	50	PASS
				RB15#0	20.91	50	PASS
			MCH	RB1#0	21.88	50	PASS
				RB1#7	22.03	50	PASS
				RB1#14	21.96	50	PASS
				RB8#0	21.12	50	PASS
				RB8#4	21.11	50	PASS
				RB8#7	21.12	50	PASS
				RB15#0	21.19	50	PASS
			HCH	RB1#0	21.86	50	PASS
				RB1#7	21.8	50	PASS
				RB1#14	21.66	50	PASS
				RB8#0	20.95	50	PASS
				RB8#4	20.93	50	PASS
				RB8#7	20.85	50	PASS
				RB15#0	20.93	50	PASS
		5	LCH	RB1#0	21.88	50	PASS
				RB1#13	21.91	50	PASS

				RB1#24	22.09	50	PASS
				RB12#0	20.87	50	PASS
				RB12#6	20.9	50	PASS
				RB12#13	21.01	50	PASS
				RB25#0	20.89	50	PASS
			MCH	RB1#0	21.97	50	PASS
				RB1#13	22.25	50	PASS
				RB1#24	22.03	50	PASS
				RB12#0	20.97	50	PASS
				RB12#6	21.05	50	PASS
				RB12#13	21.06	50	PASS
				RB25#0	21	50	PASS
			HCH	RB1#0	22.12	50	PASS
				RB1#13	22.03	50	PASS
				RB1#24	21.88	50	PASS
				RB12#0	21.02	50	PASS
				RB12#6	20.88	50	PASS
				RB12#13	20.85	50	PASS
				RB25#0	20.95	50	PASS
		10	LCH/ MCH/ HCH	RB1#0	21.69	50	PASS
				RB1#25	22.04	50	PASS
				RB1#49	21.7	50	PASS
				RB25#0	20.94	50	PASS
				RB25#13	21.15	50	PASS
				RB25#25	21.06	50	PASS
				RB50#0	20.83	50	PASS

2Appendix_B: Modulation Characteristics

Part I - Test Plots

2.1 For LTE

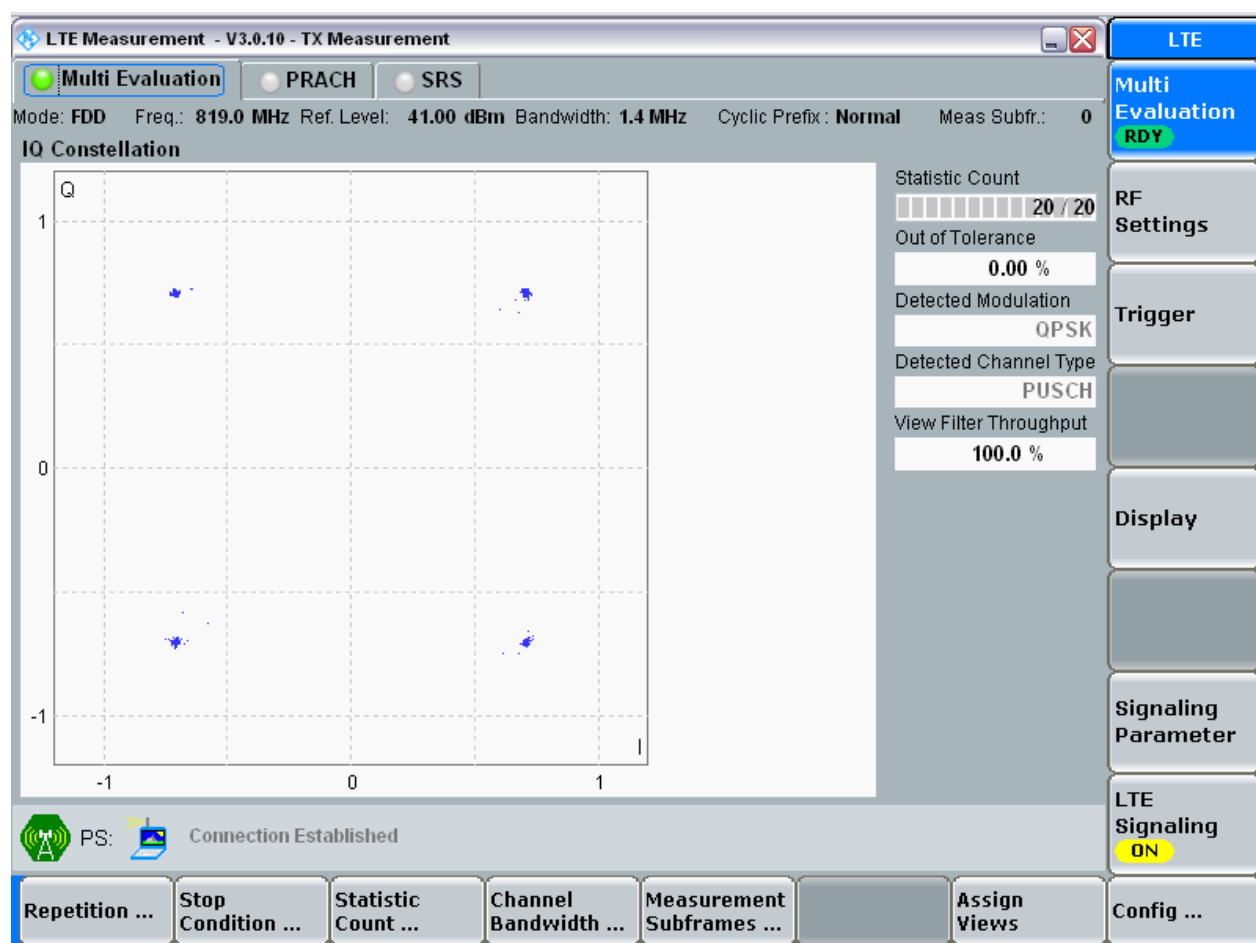
2.1.1 Test Band = BAND26

2.1.1.1 Test Mode = LTE/TM1

2.1.1.1.1 Test Bandwidth = 1.4

2.1.1.1.1.1 Test Channel = MCH

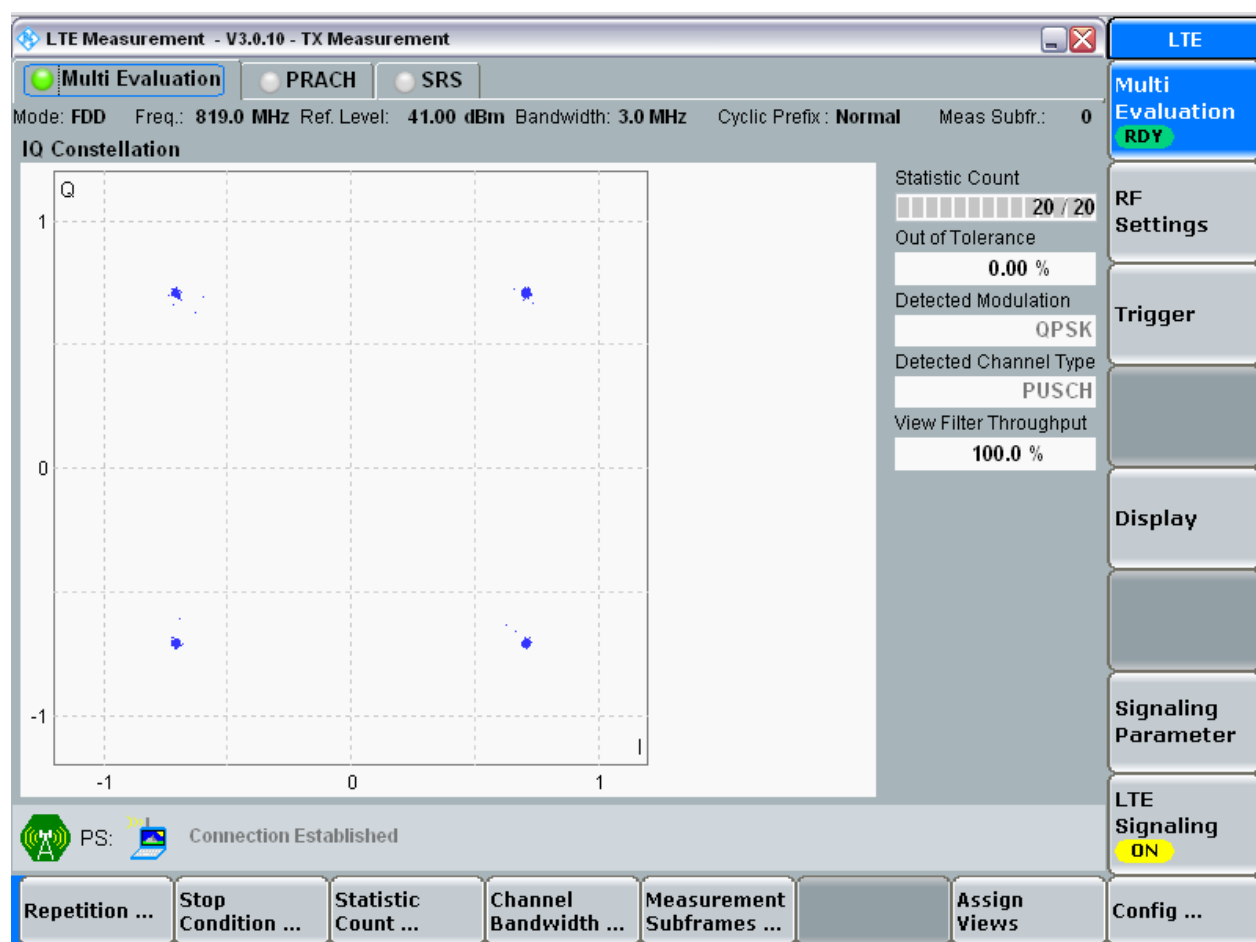
2.1.1.1.1.1.1 Test RB = RB6#0



2.1.1.1.2 Test Bandwidth = 3

2.1.1.1.2.1 Test Channel = MCH

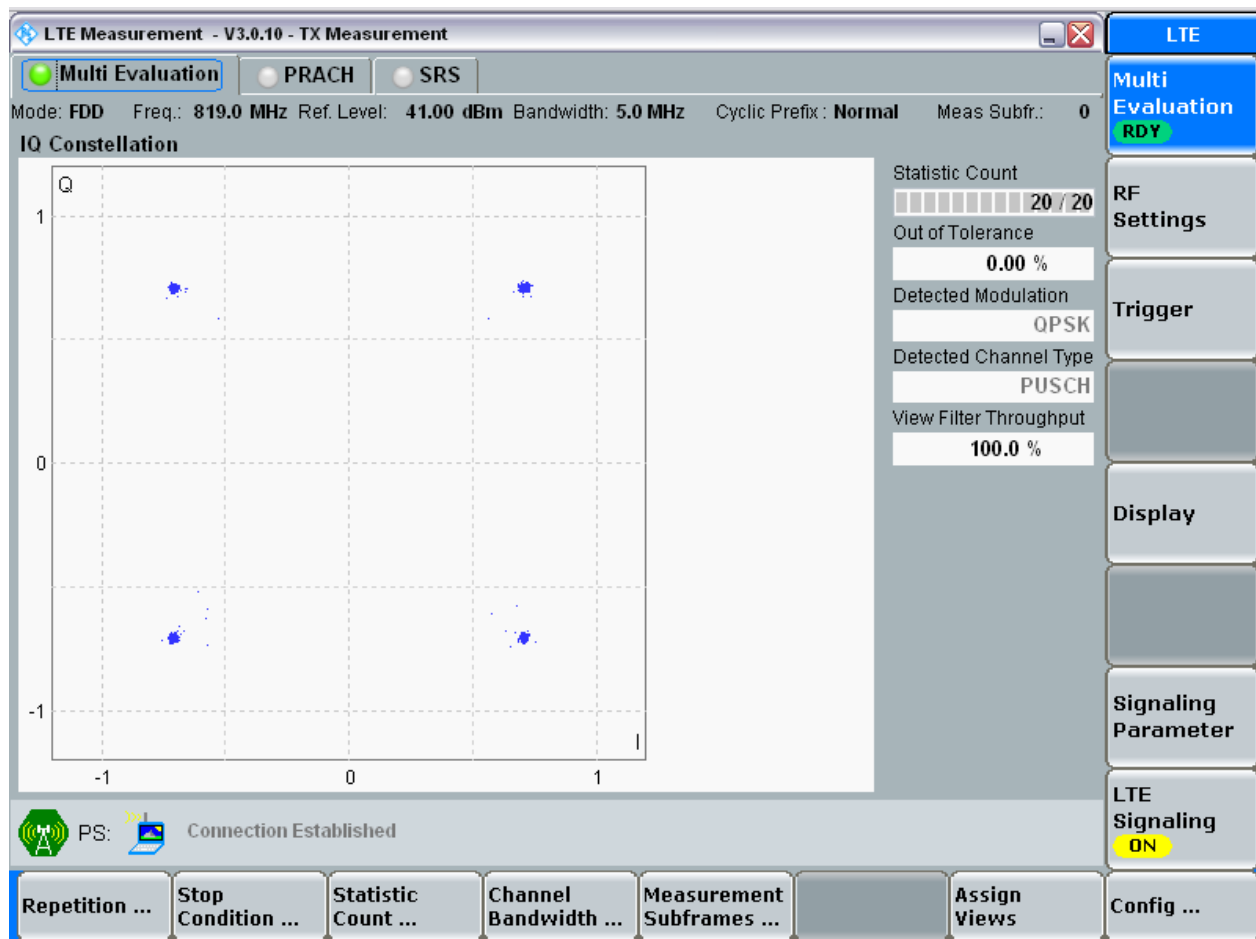
2.1.1.1.2.1.1 Test RB = RB15#0



2.1.1.1.3 Test Bandwidth = 5

2.1.1.1.3.1 Test Channel = MCH

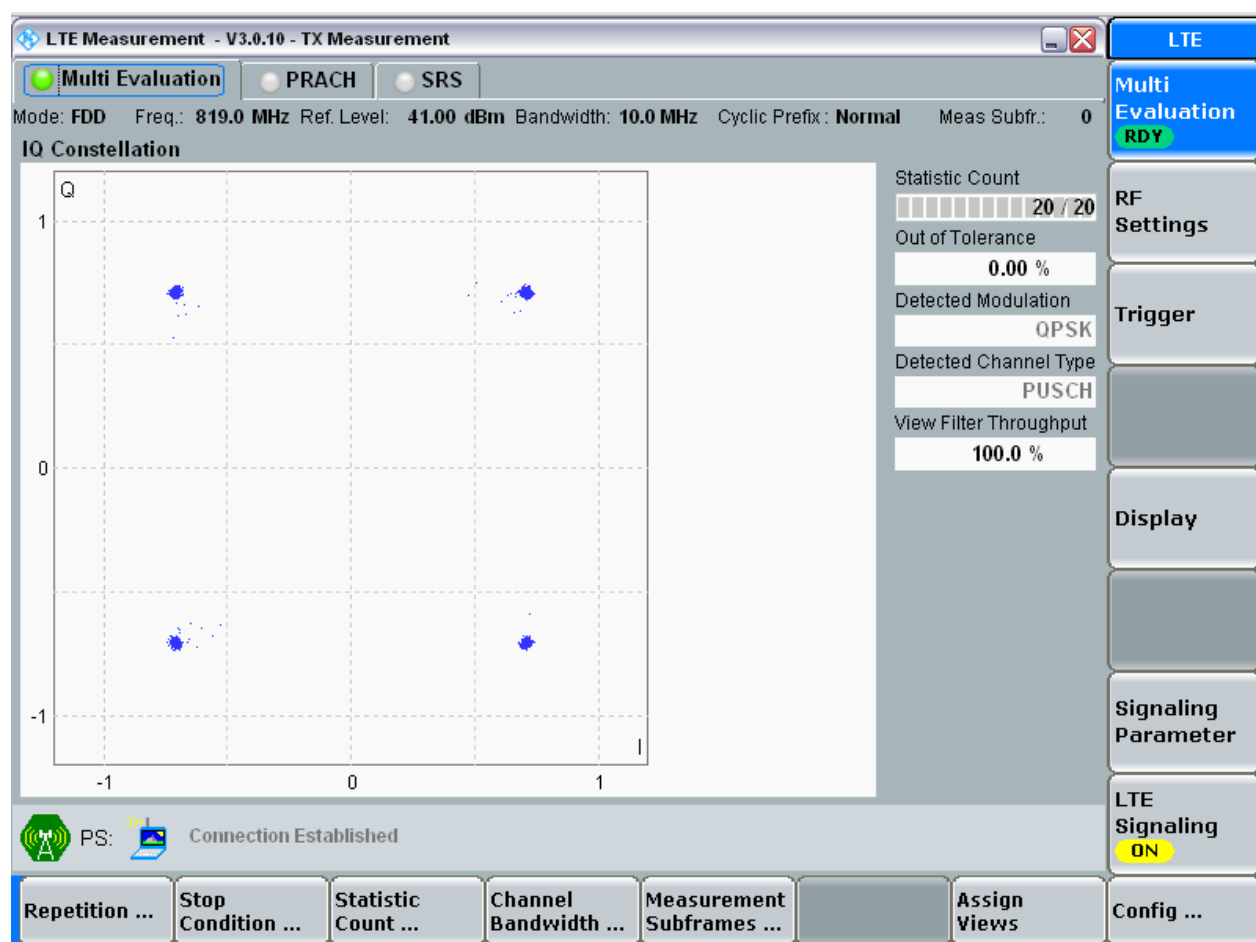
2.1.1.1.3.1.1 Test RB = RB25#0



2.1.1.1.4 Test Bandwidth = 10

2.1.1.1.4.1 Test Channel = MCH

2.1.1.1.4.1.1 Test RB = RB50#0

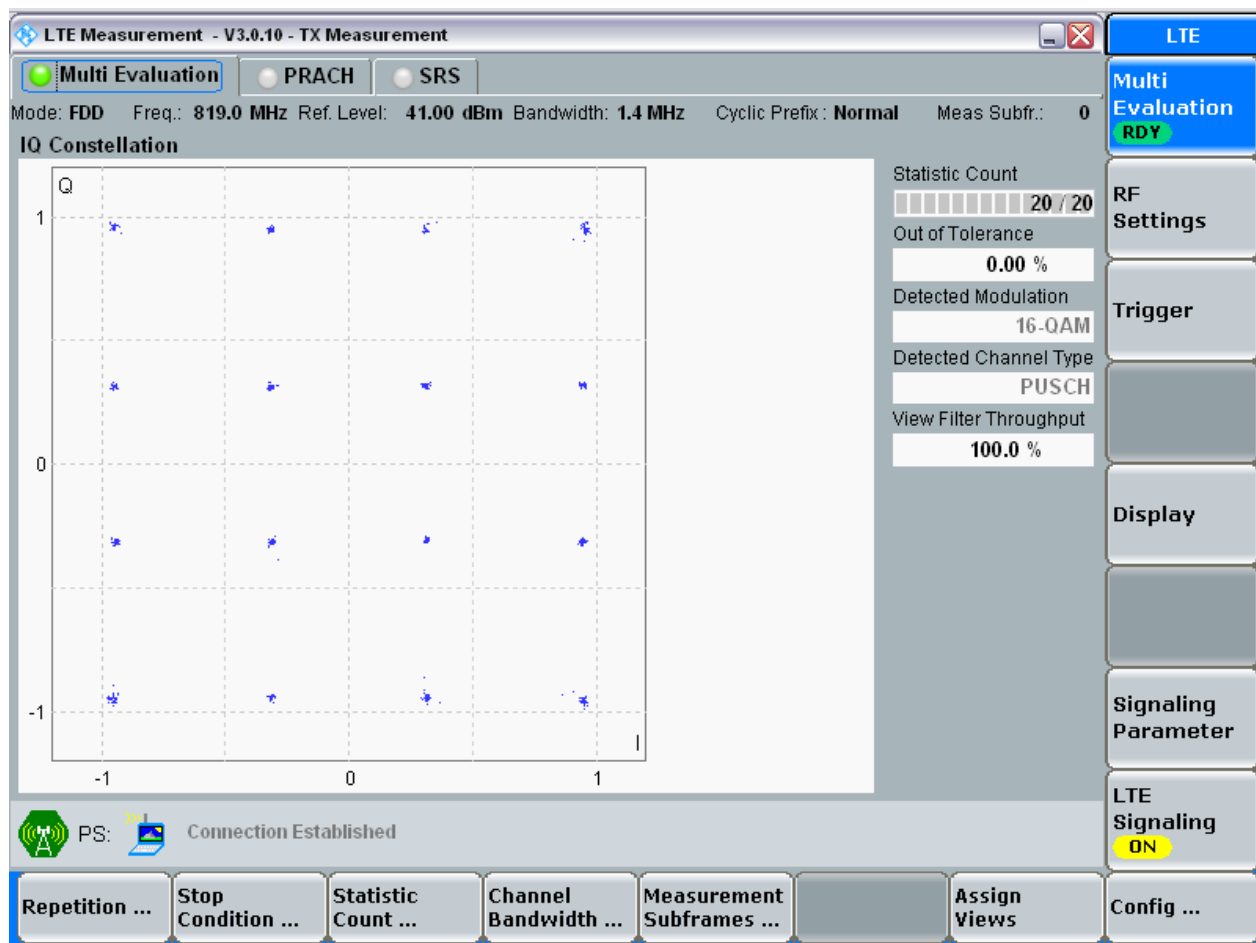


2.1.1.2 Test Mode = LTE/TM2

2.1.1.2.1 Test Bandwidth = 1.4

2.1.1.2.1.1 Test Channel = MCH

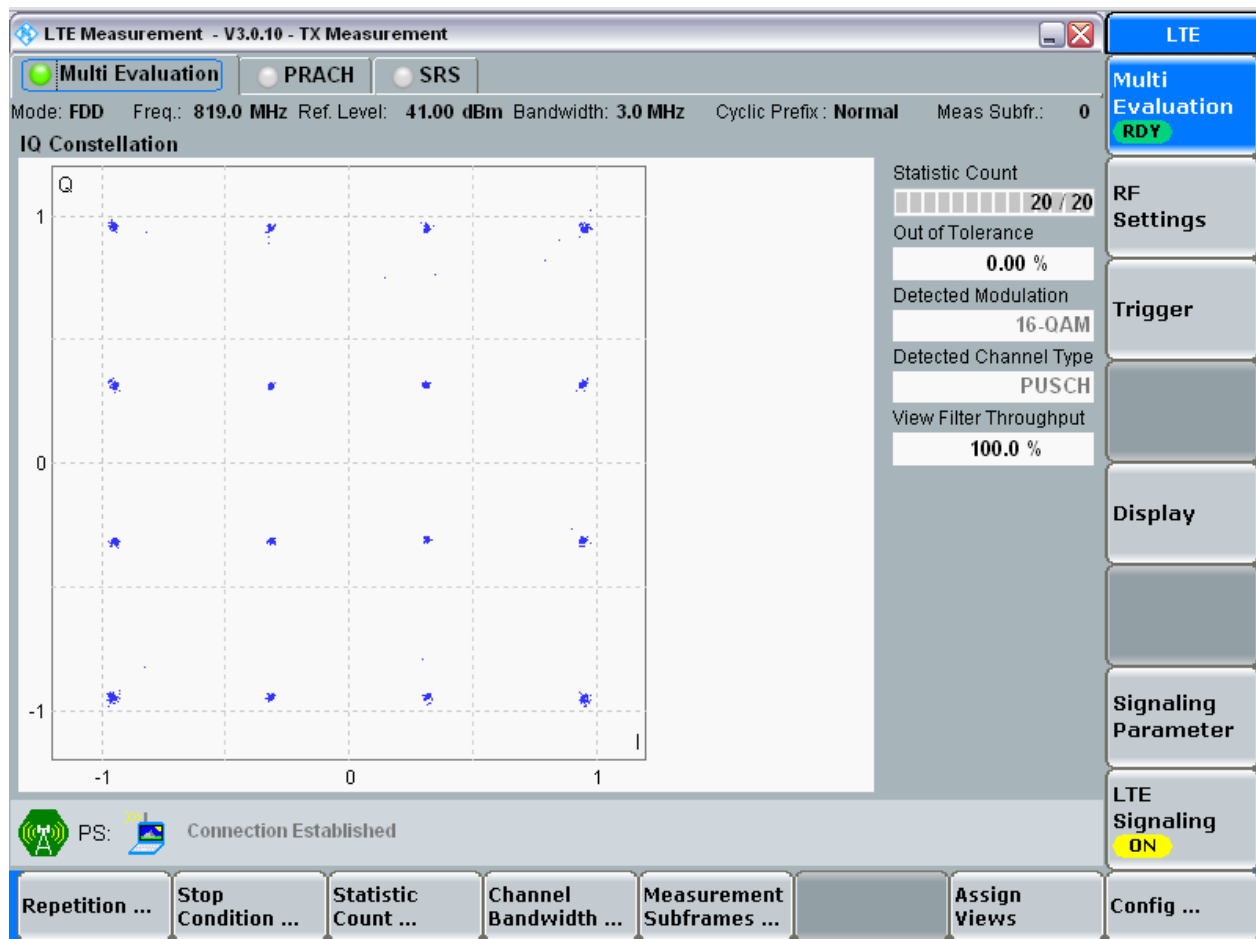
2.1.1.2.1.1.1 Test RB = RB6#0



2.1.1.2.2 Test Bandwidth = 3

2.1.1.2.2.1 Test Channel = MCH

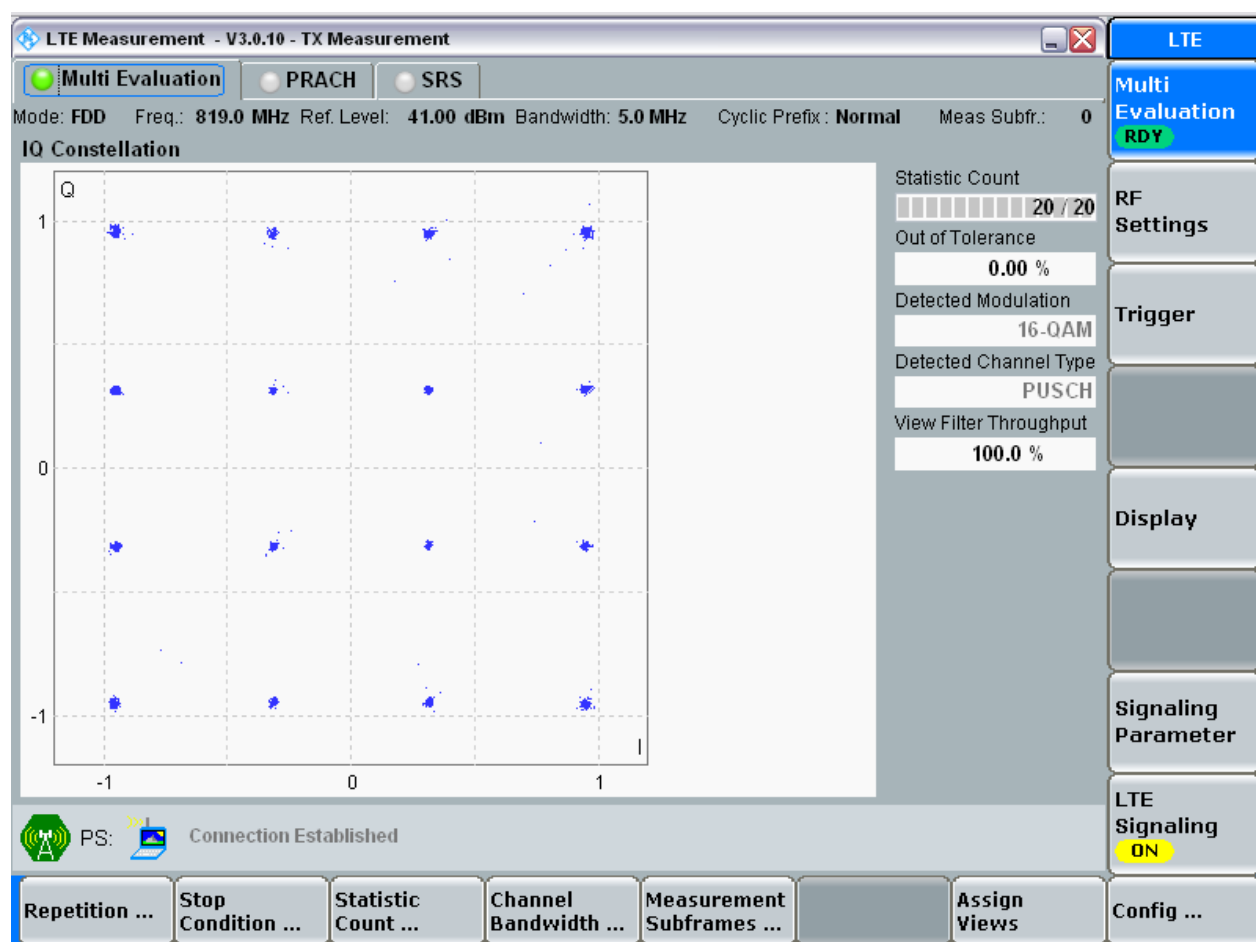
2.1.1.2.2.1.1 Test RB = RB15#0



2.1.1.2.3 Test Bandwidth = 5

2.1.1.2.3.1 Test Channel = MCH

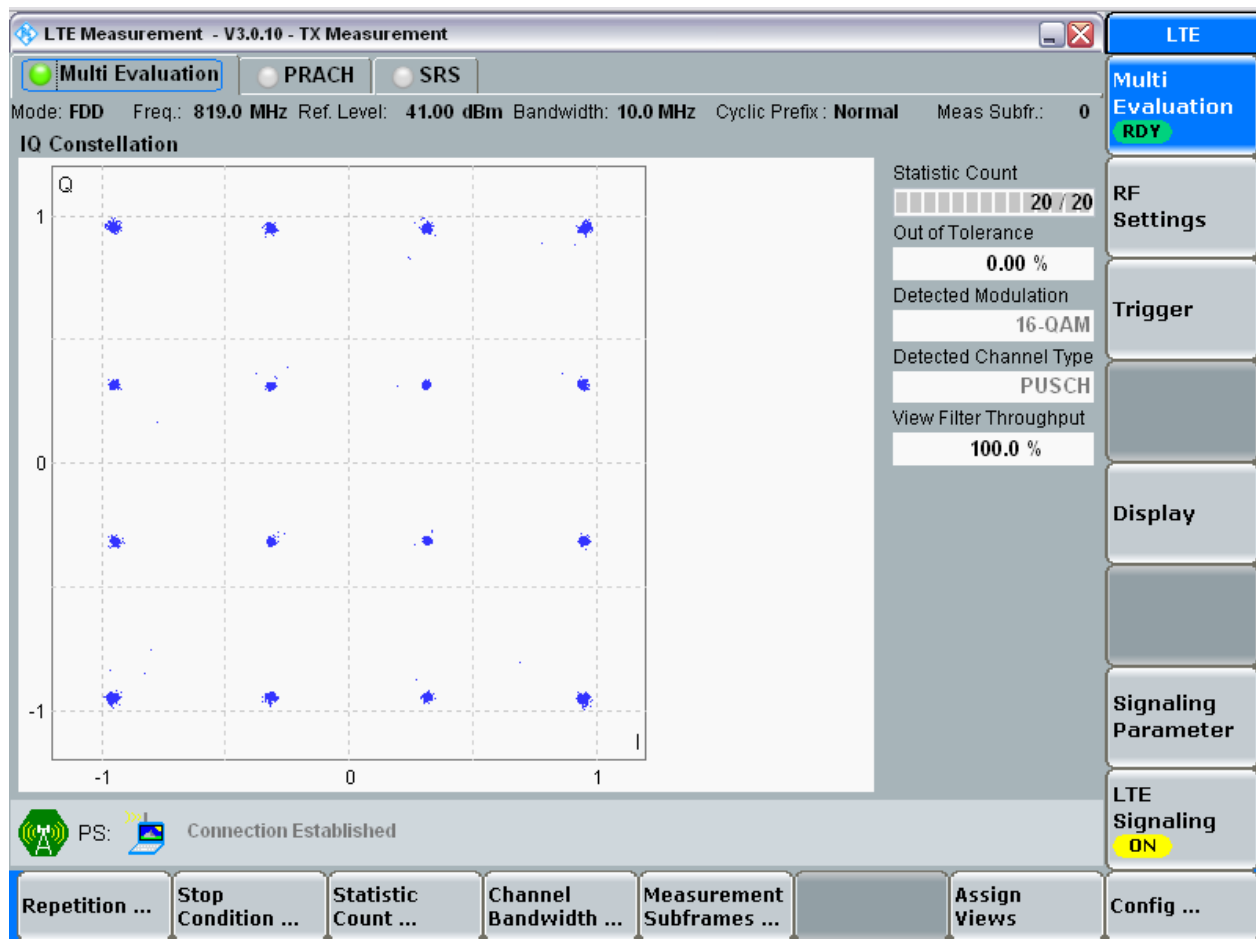
2.1.1.2.3.1.1 Test RB = RB25#0



2.1.1.2.4 Test Bandwidth = 10

2.1.1.2.4.1 Test Channel = MCH

2.1.1.2.4.1.1 Test RB = RB50#0



3Appendix_C: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND26	LTE/TM1	1.4	LCH	RB6#0	1.09	1.28	Pass
			MCH	RB6#0	1.09	1.26	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.96	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.51	4.94	Pass
			MCH	RB25#0	4.51	4.93	Pass
			HCH	RB25#0	4.50	4.94	Pass
		10	LCH/ MCH/ HCH	RB50#0	8.99	9.60	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.26	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.51	4.93	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.51	4.94	Pass
		10	LCH/ MCH/ HCH	RB50#0	8.97	9.57	Pass



Part II - Test Plots

3.1 For LTE

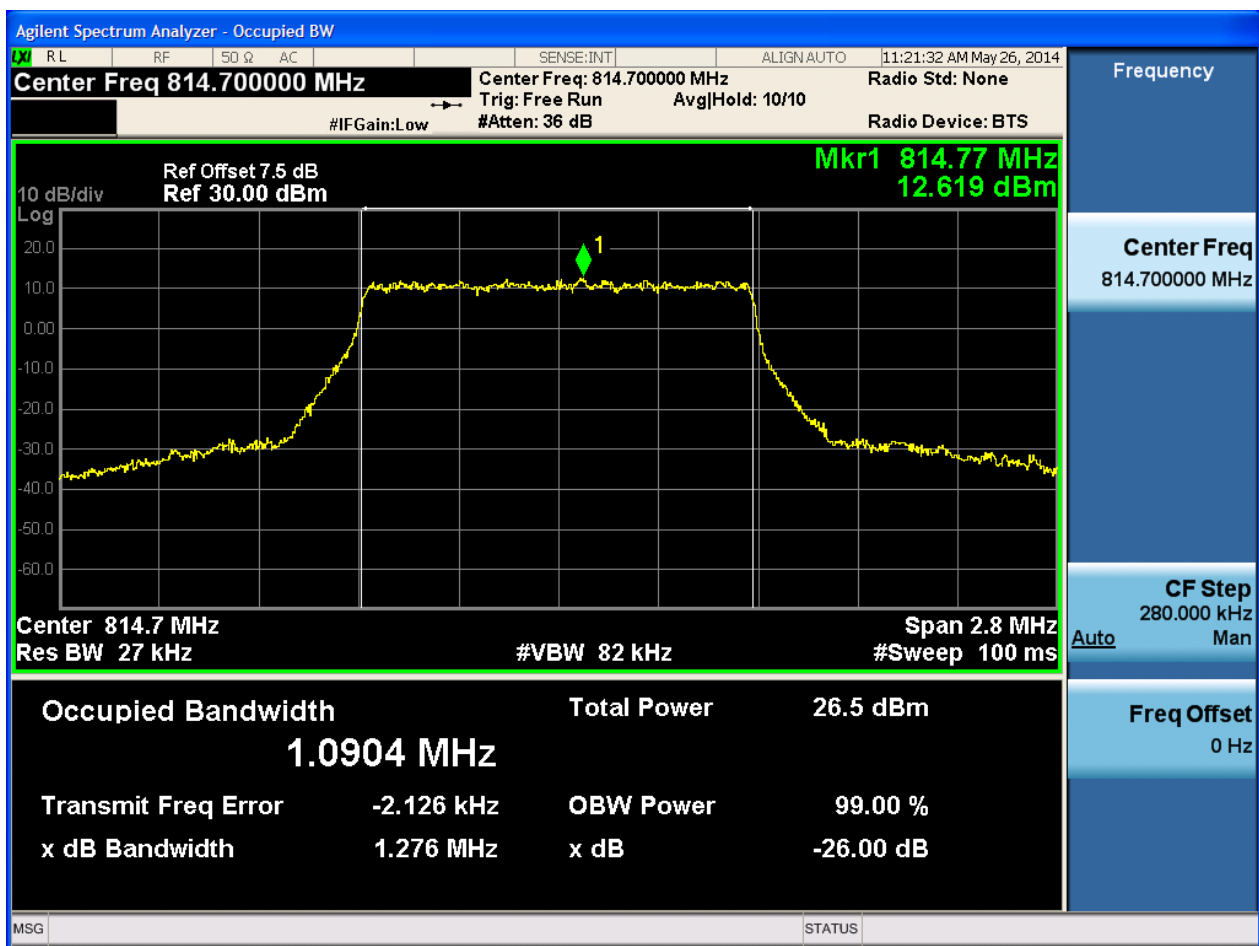
3.1.1 Test Band = BAND26

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

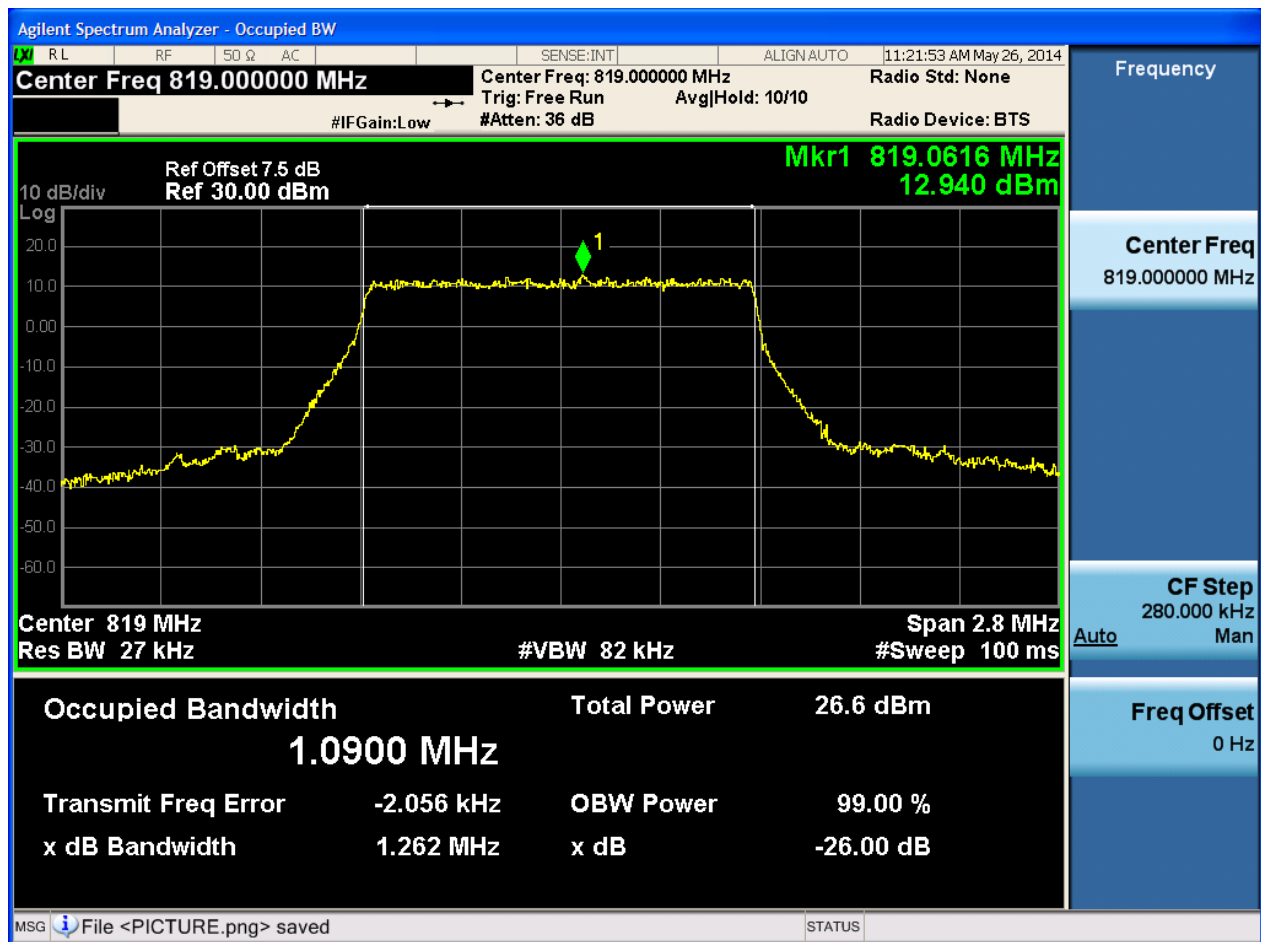
3.1.1.1.1.1 Test Channel = LCH

3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.1.2 Test Channel = MCH

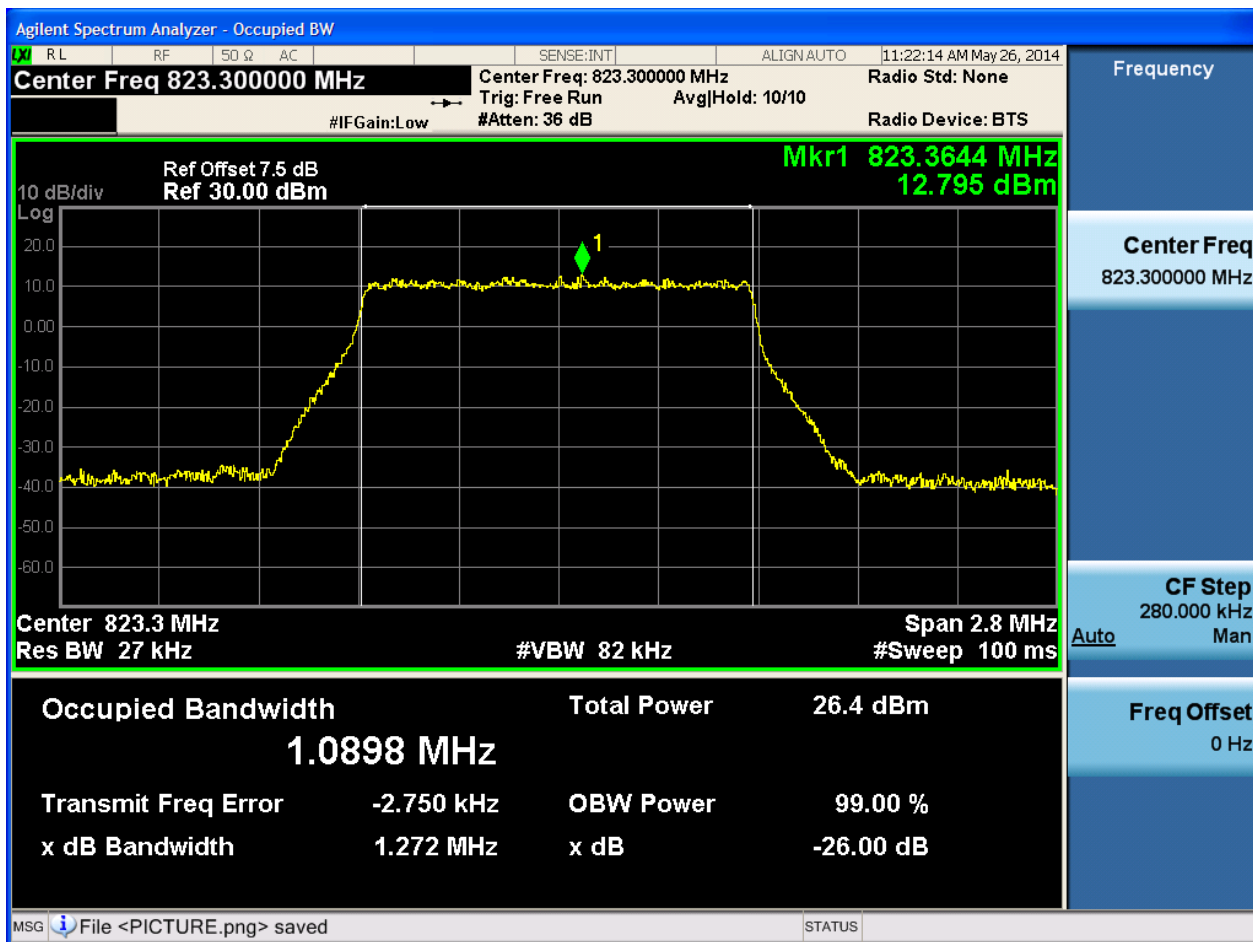
3.1.1.1.1.2.1 Test RB = RB6#0





3.1.1.1.1.3 Test Channel = HCH

3.1.1.1.1.3.1 Test RB = RB6#0

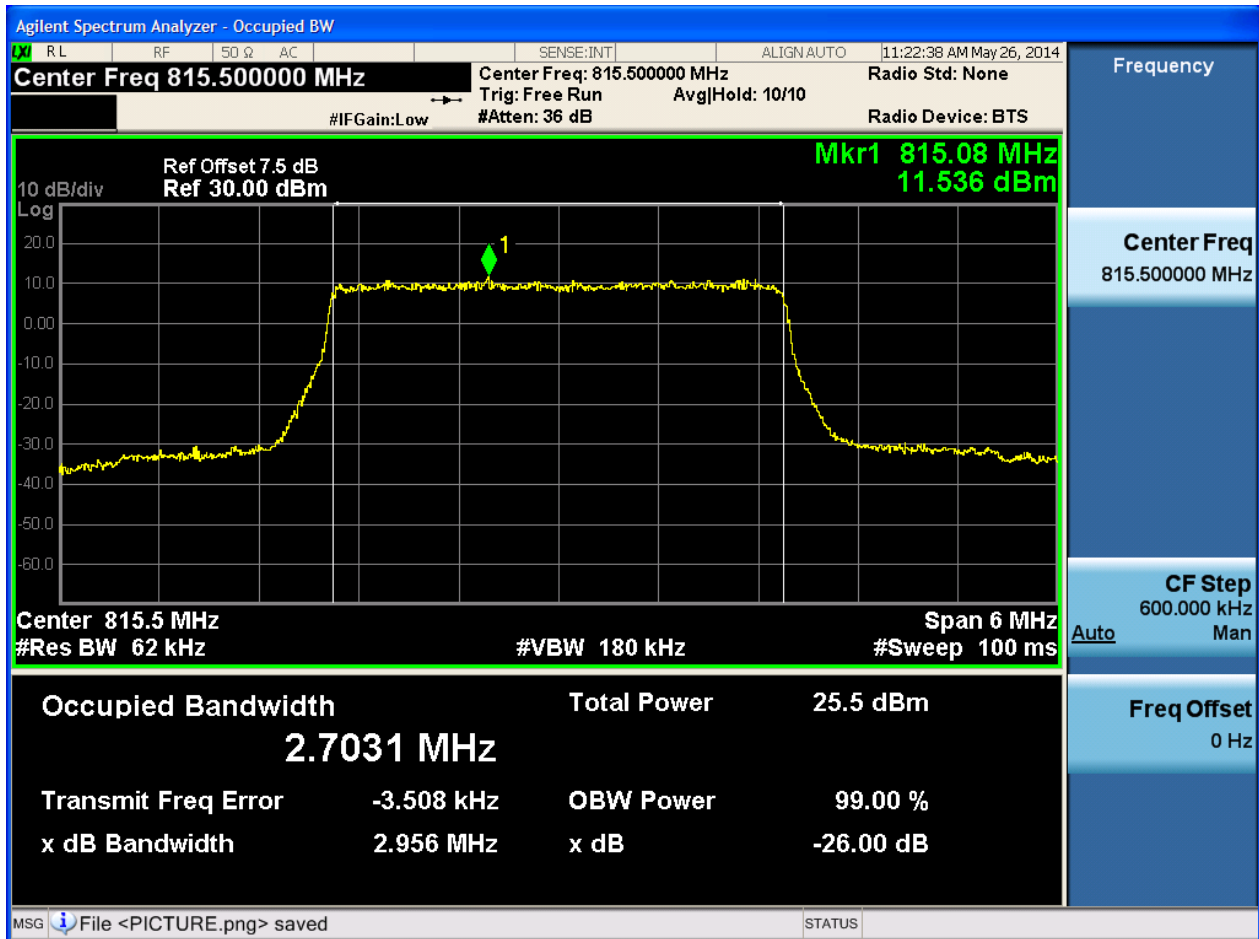




3.1.1.1.2 Test Bandwidth = 3

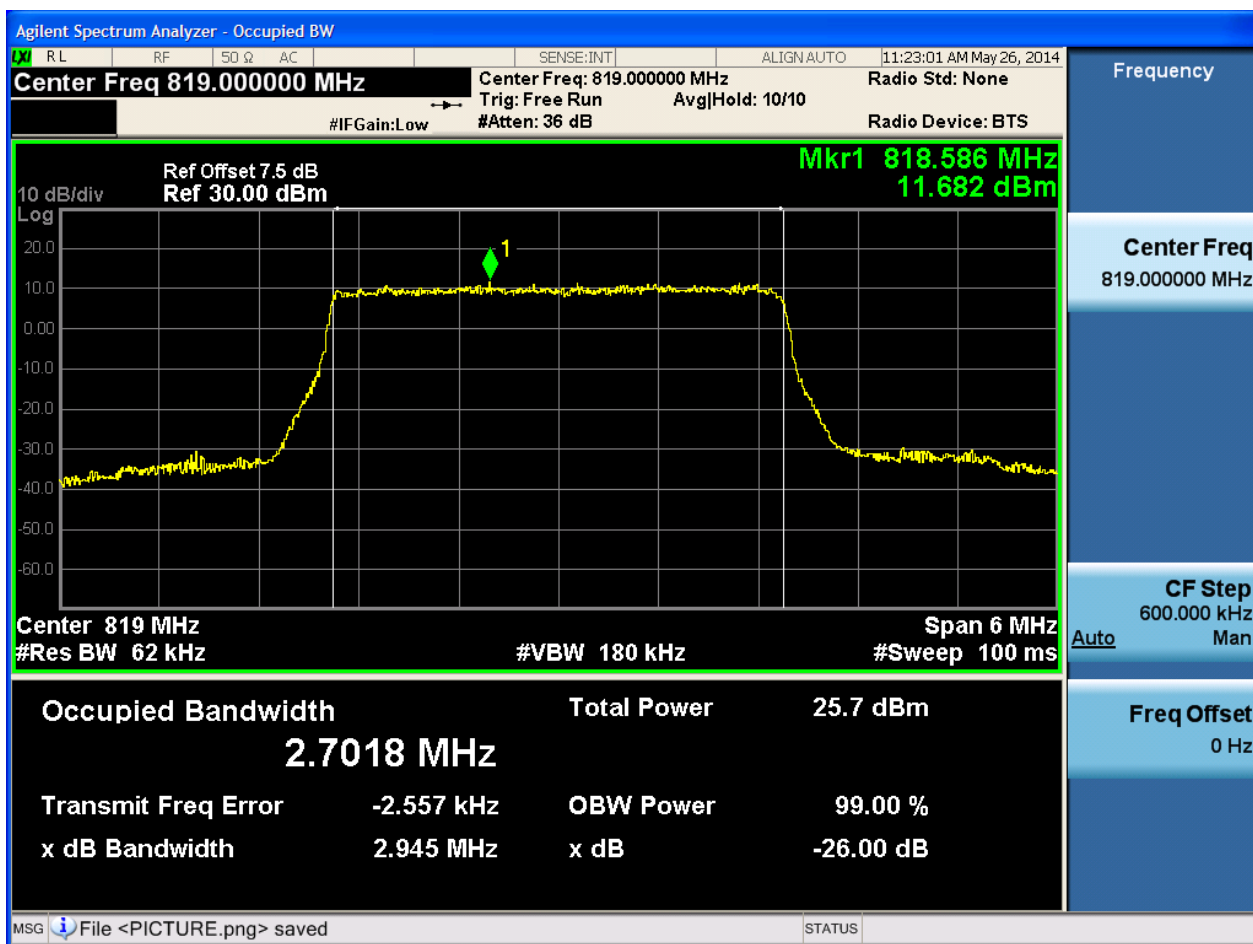
3.1.1.1.2.1 Test Channel = LCH

3.1.1.1.2.1.1 Test RB = RB15#0



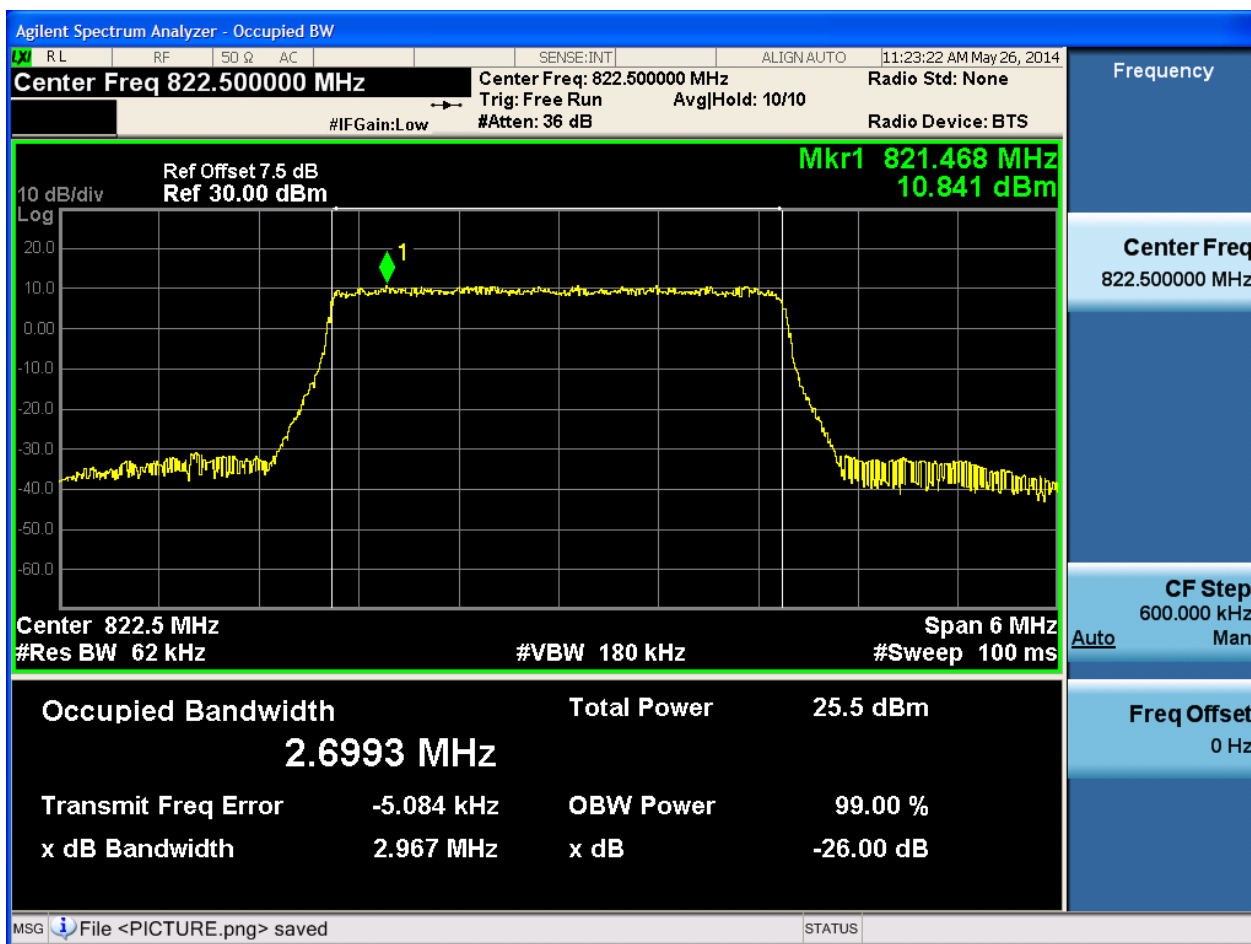
3.1.1.1.2.2 Test Channel = MCH

3.1.1.1.2.2.1 Test RB = RB15#0



3.1.1.1.2.3 Test Channel = HCH

3.1.1.1.2.3.1 Test RB = RB15#0

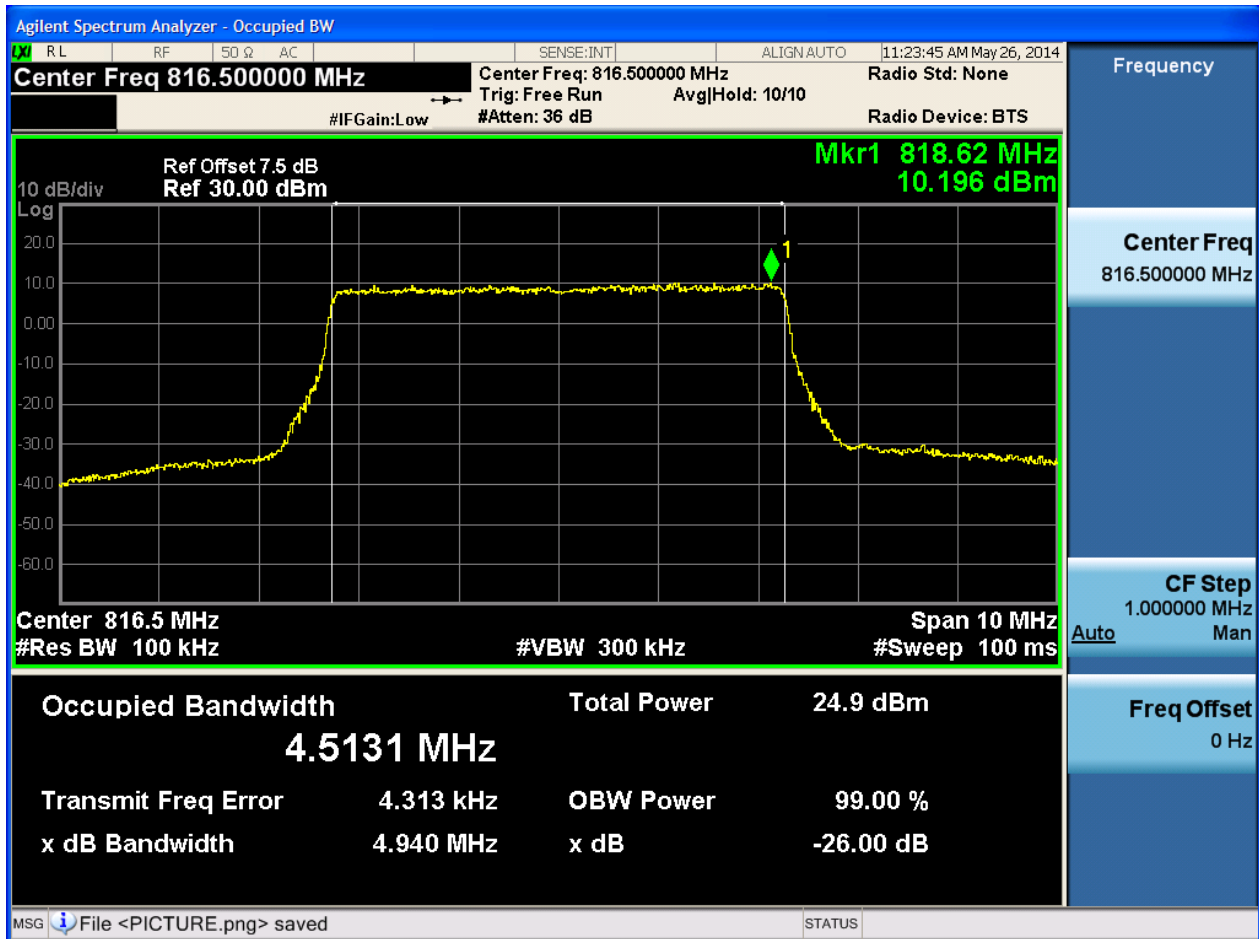




3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = LCH

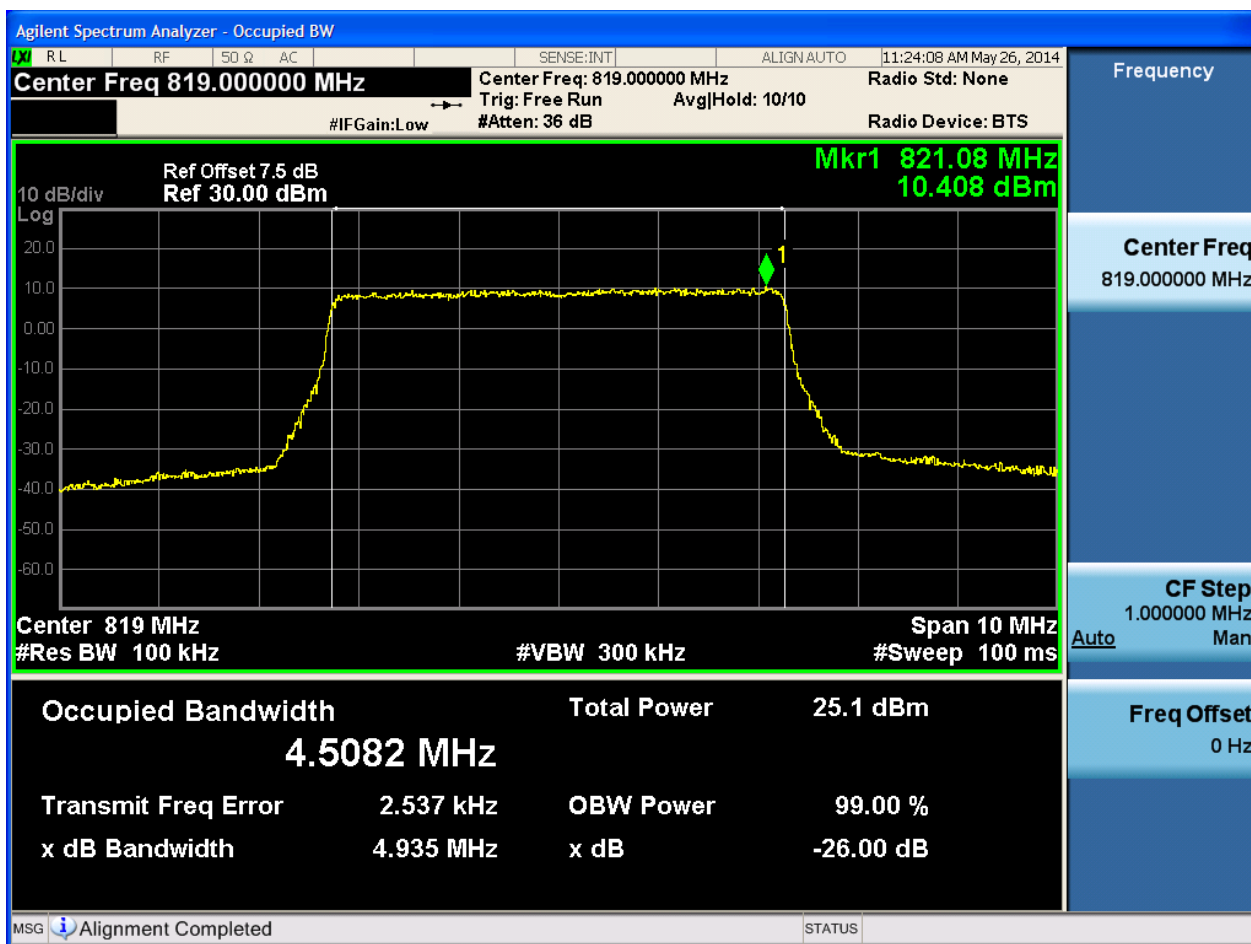
3.1.1.1.3.1.1 Test RB = RB25#0





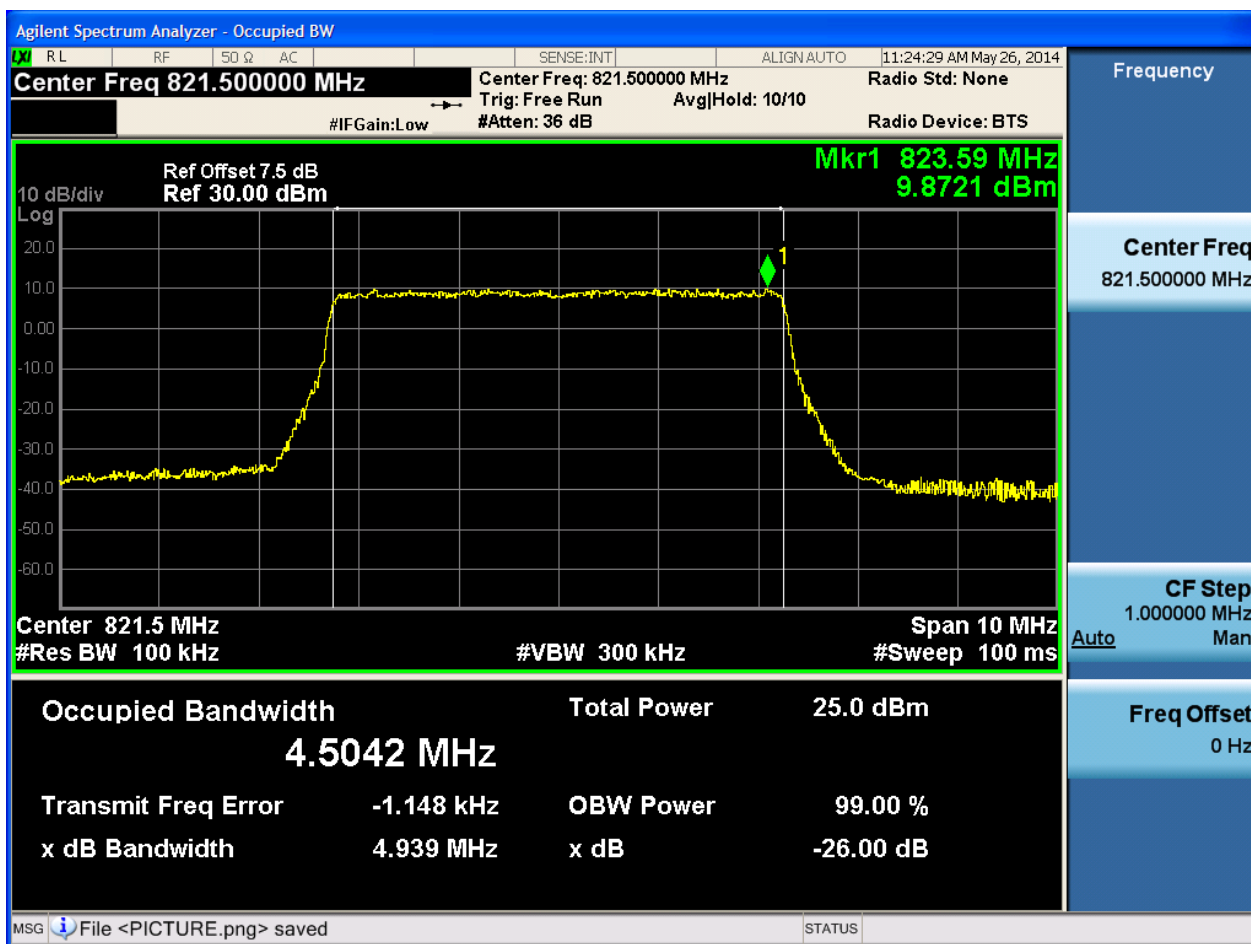
3.1.1.1.3.2 Test Channel = MCH

3.1.1.1.3.2.1 Test RB = RB25#0



3.1.1.1.3.3 Test Channel = HCH

3.1.1.1.3.3.1 Test RB = RB25#0

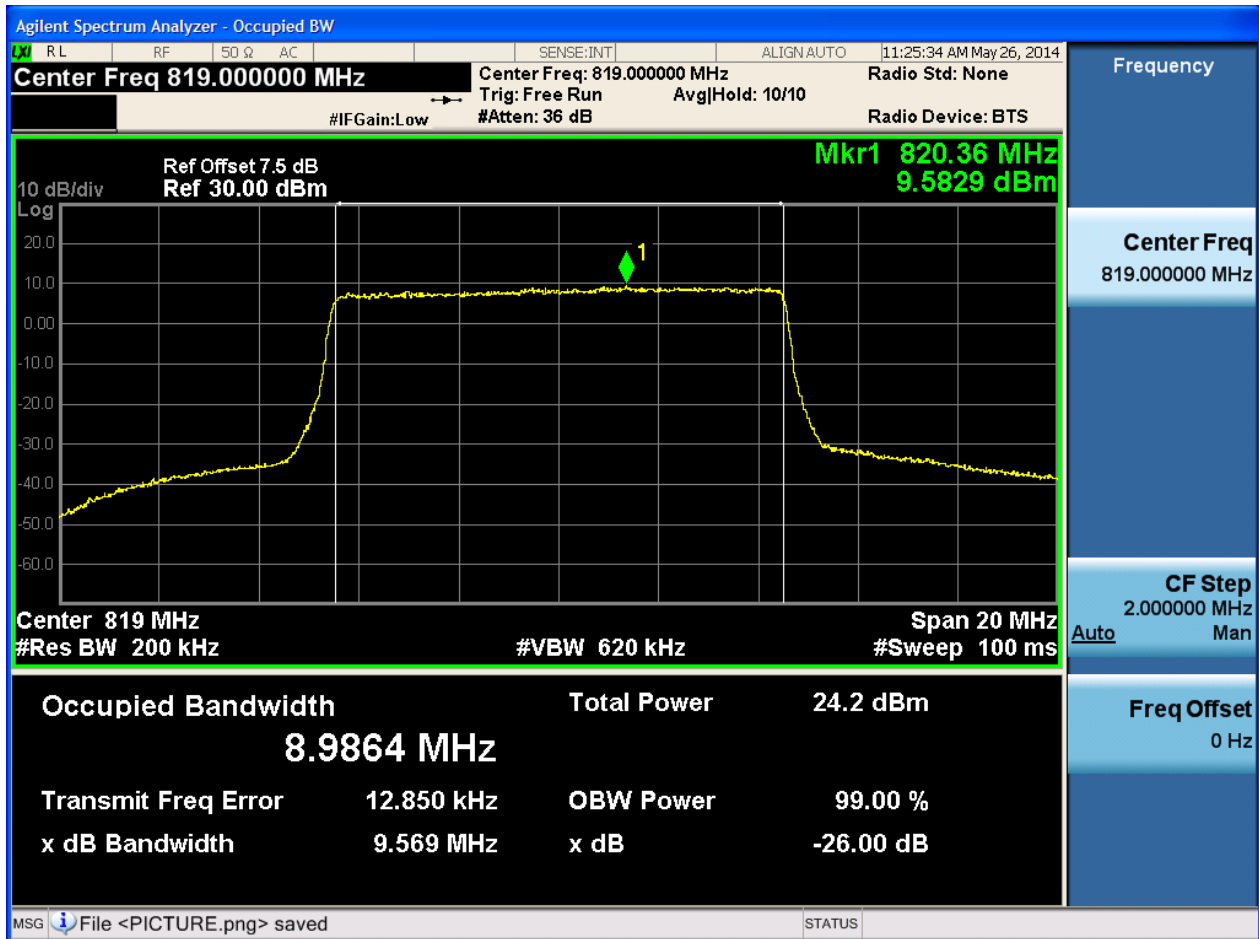




3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = LCH/MCH/HCH

3.1.1.1.4.1.1 Test RB = RB50#0



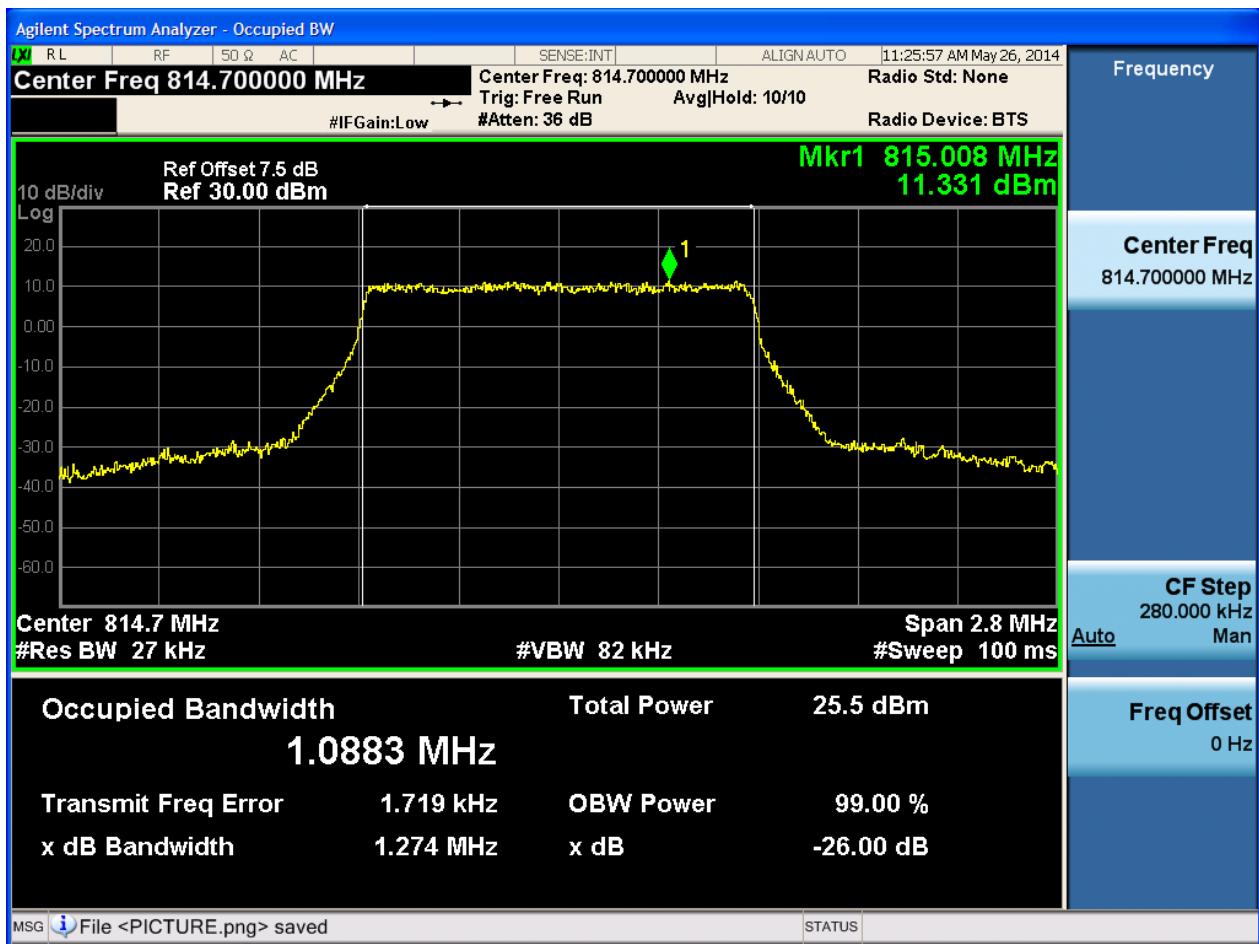


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = LCH

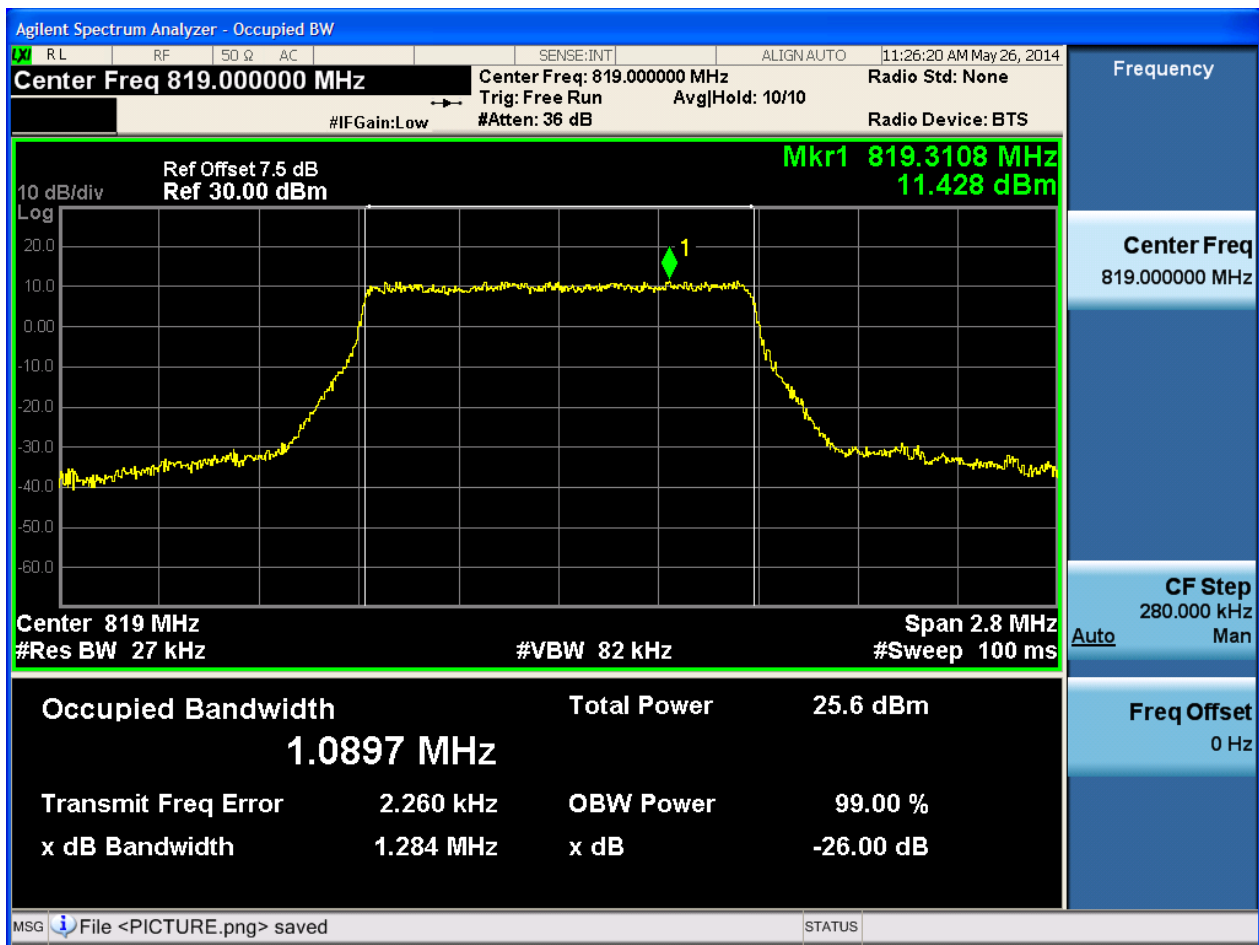
3.1.1.2.1.1.1 Test RB = RB6#0





3.1.1.2.1.2 Test Channel = MCH

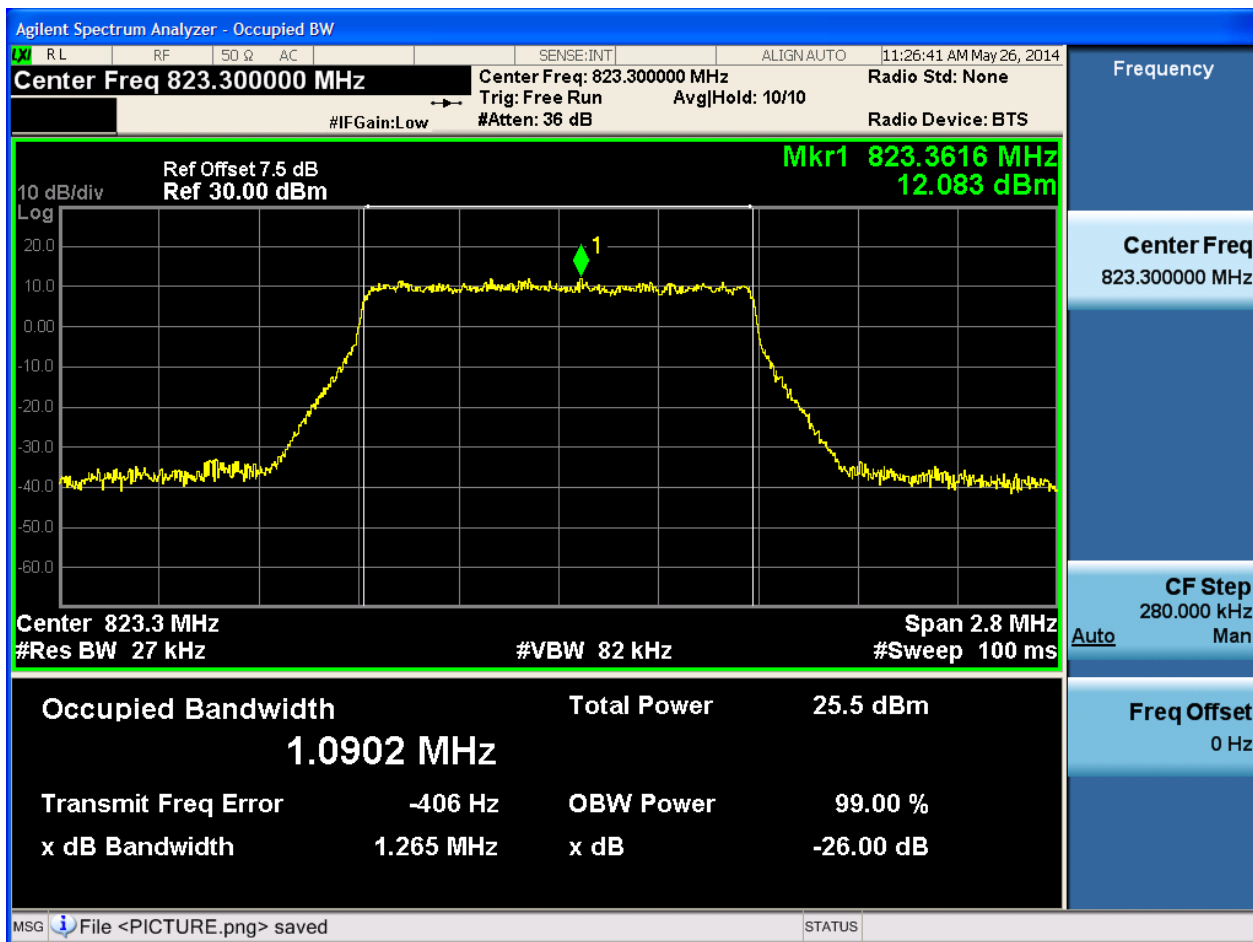
3.1.1.2.1.2.1 Test RB = RB6#0





3.1.1.2.1.3 Test Channel = HCH

3.1.1.2.1.3.1 Test RB = RB6#0

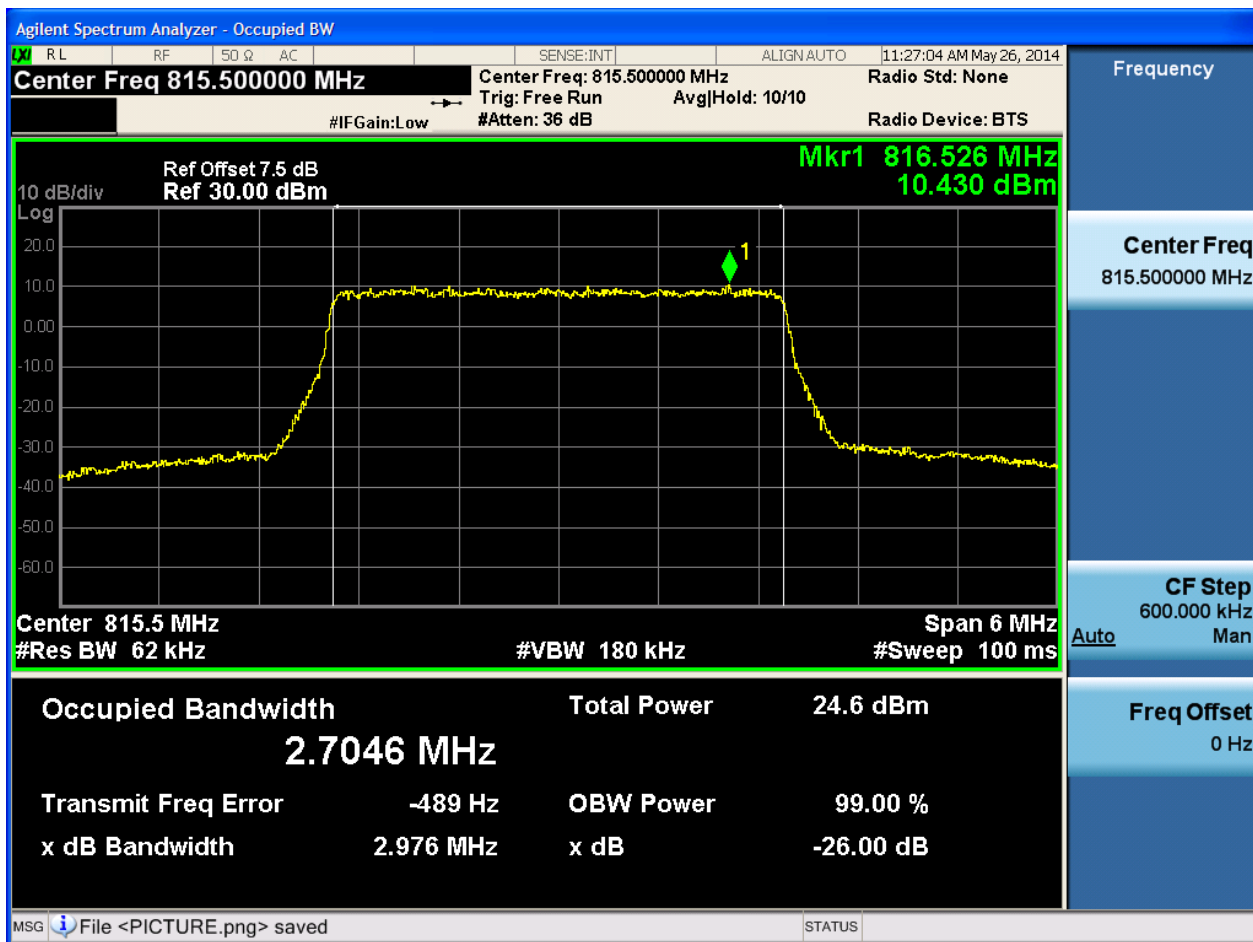




3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = LCH

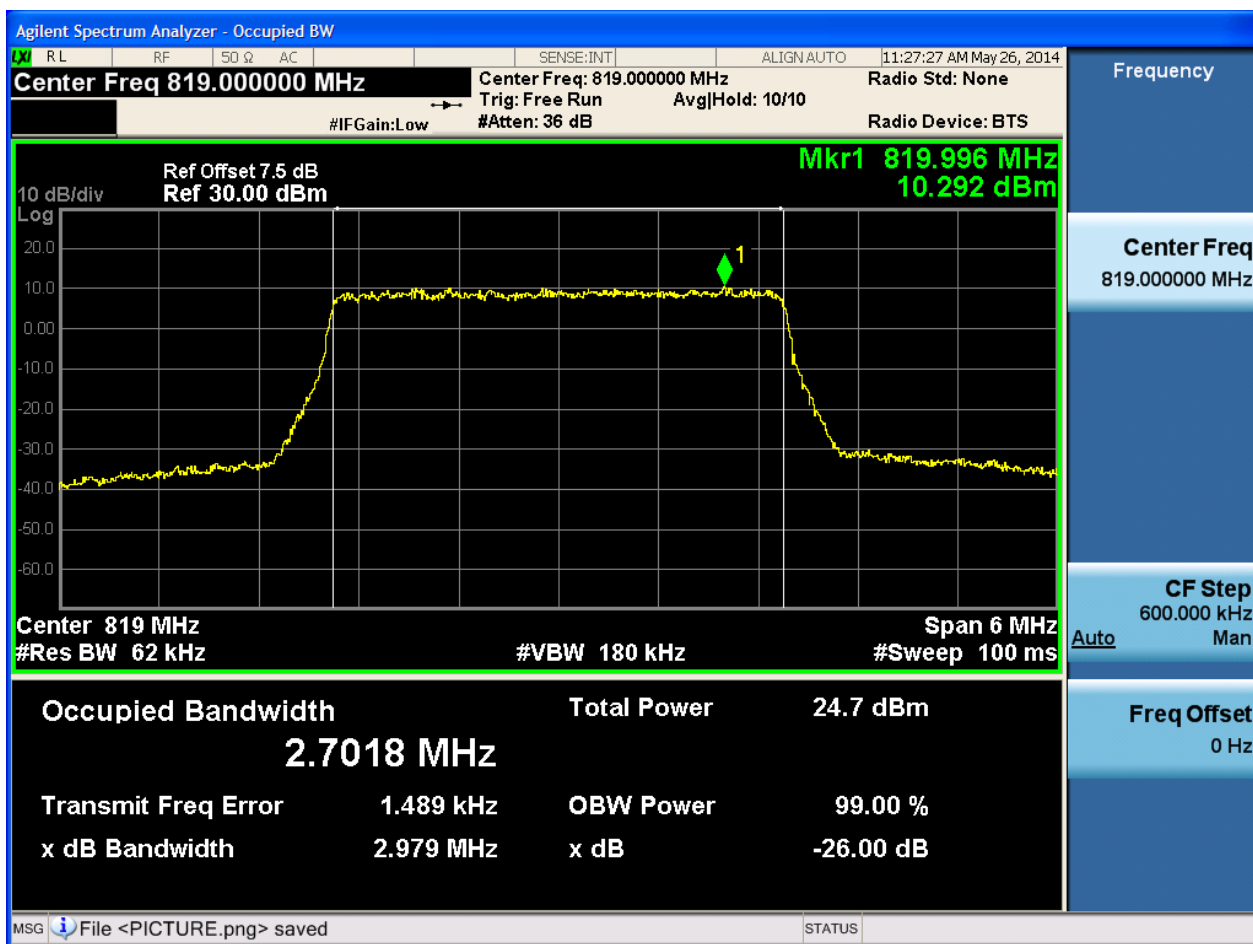
3.1.1.2.2.1.1 Test RB = RB15#0





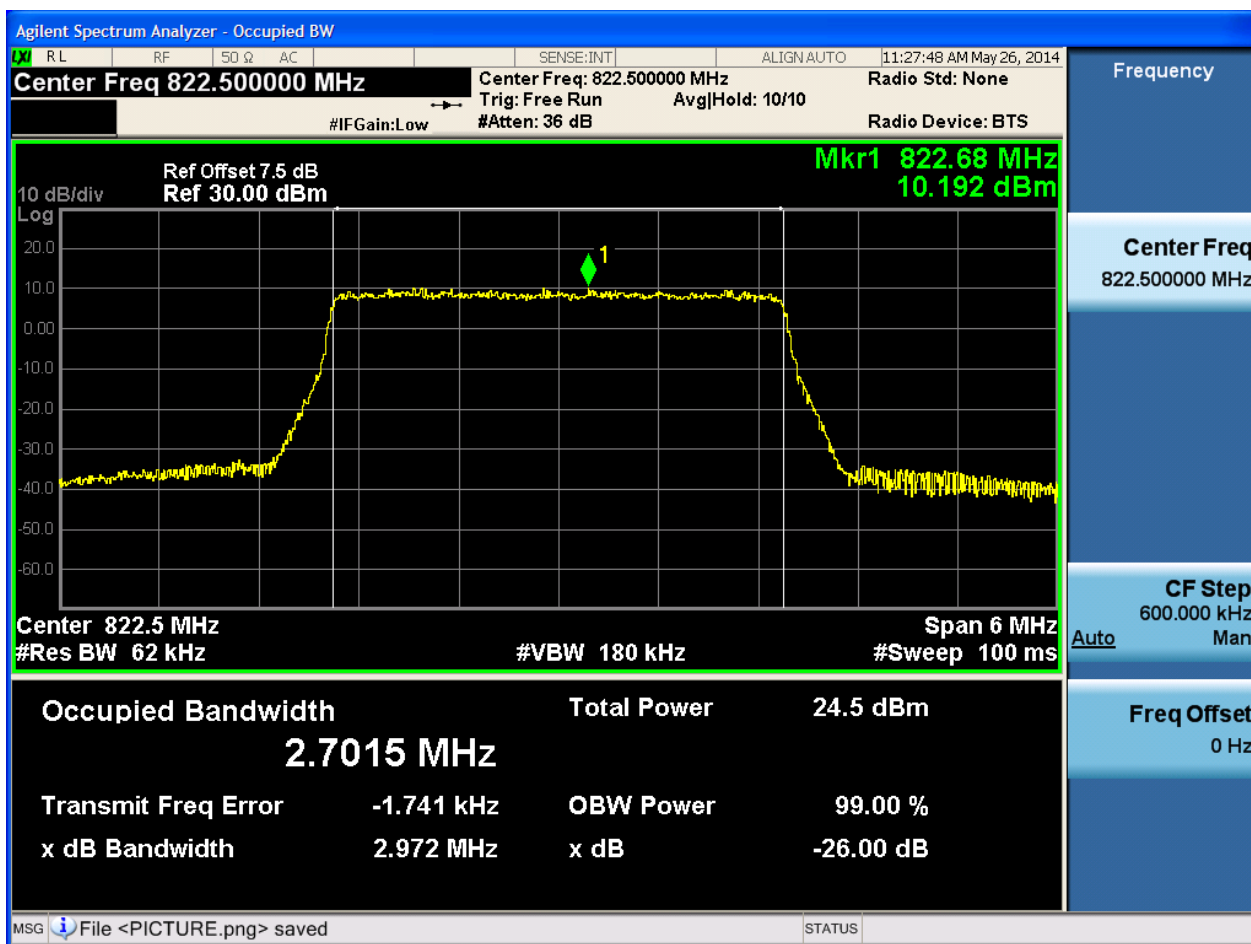
3.1.1.2.2.2 Test Channel = MCH

3.1.1.2.2.2.1 Test RB = RB15#0



3.1.1.2.2.3 Test Channel = HCH

3.1.1.2.2.3.1 Test RB = RB15#0

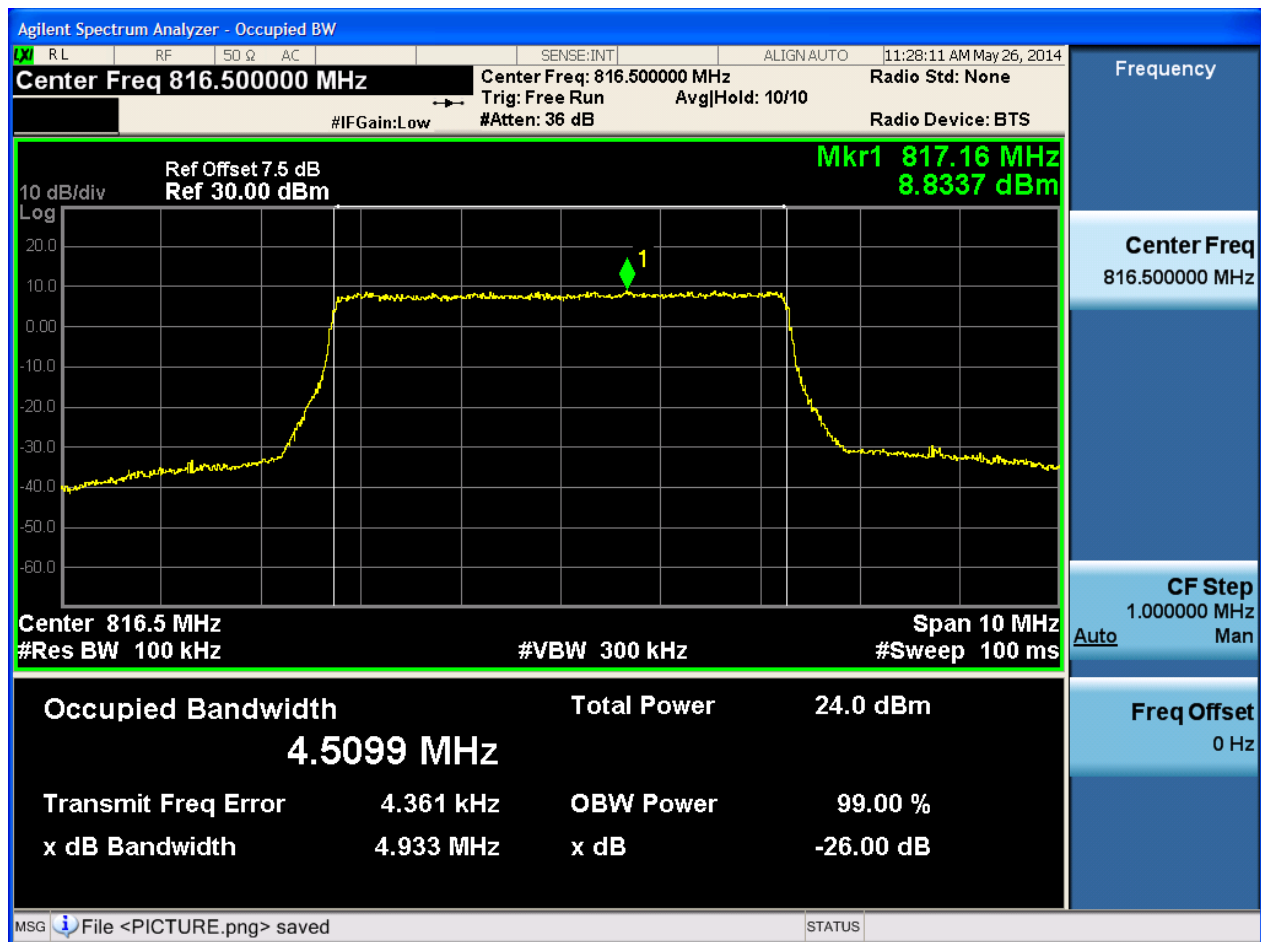




3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = LCH

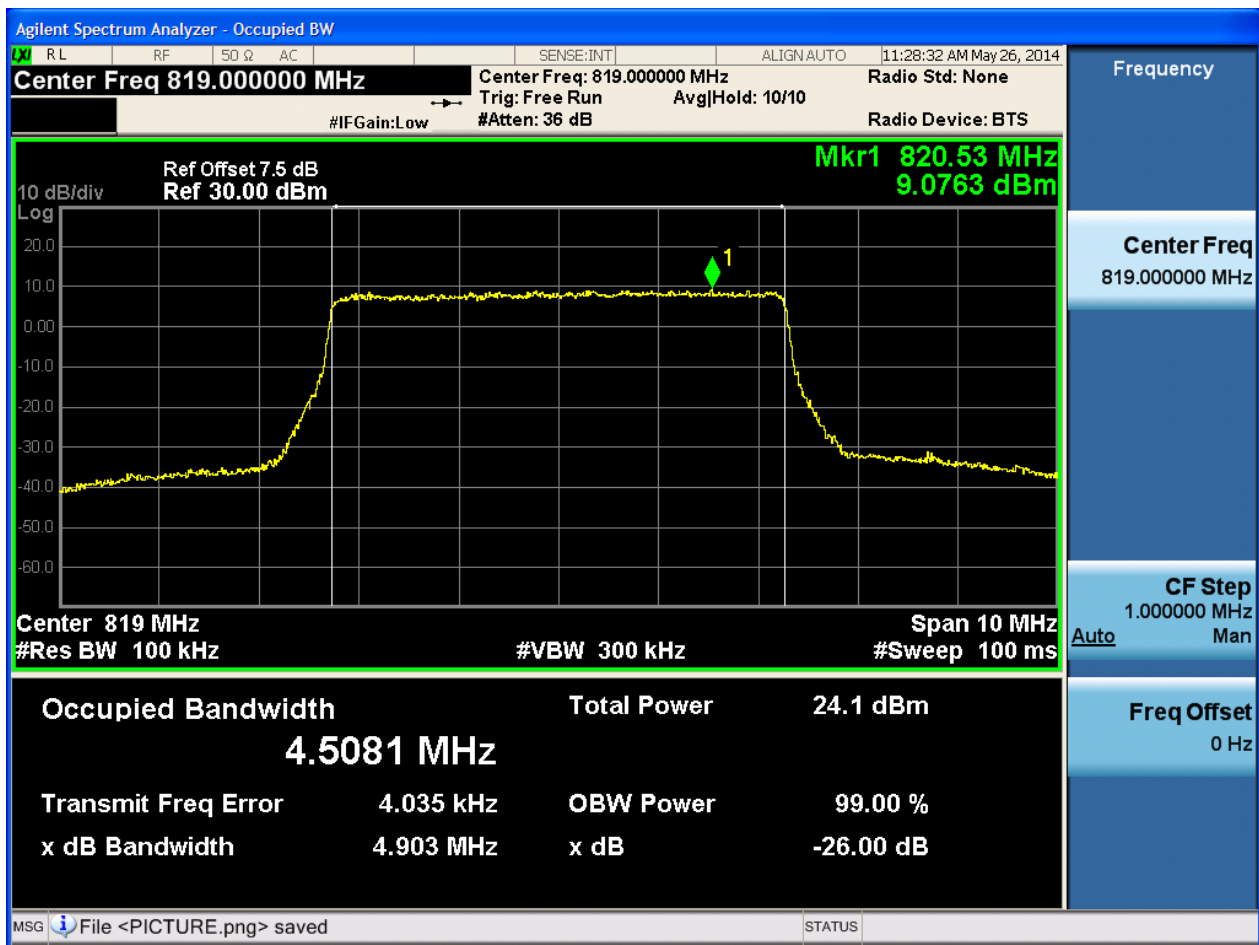
3.1.1.2.3.1.1 Test RB = RB25#0





3.1.1.2.3.2 Test Channel = MCH

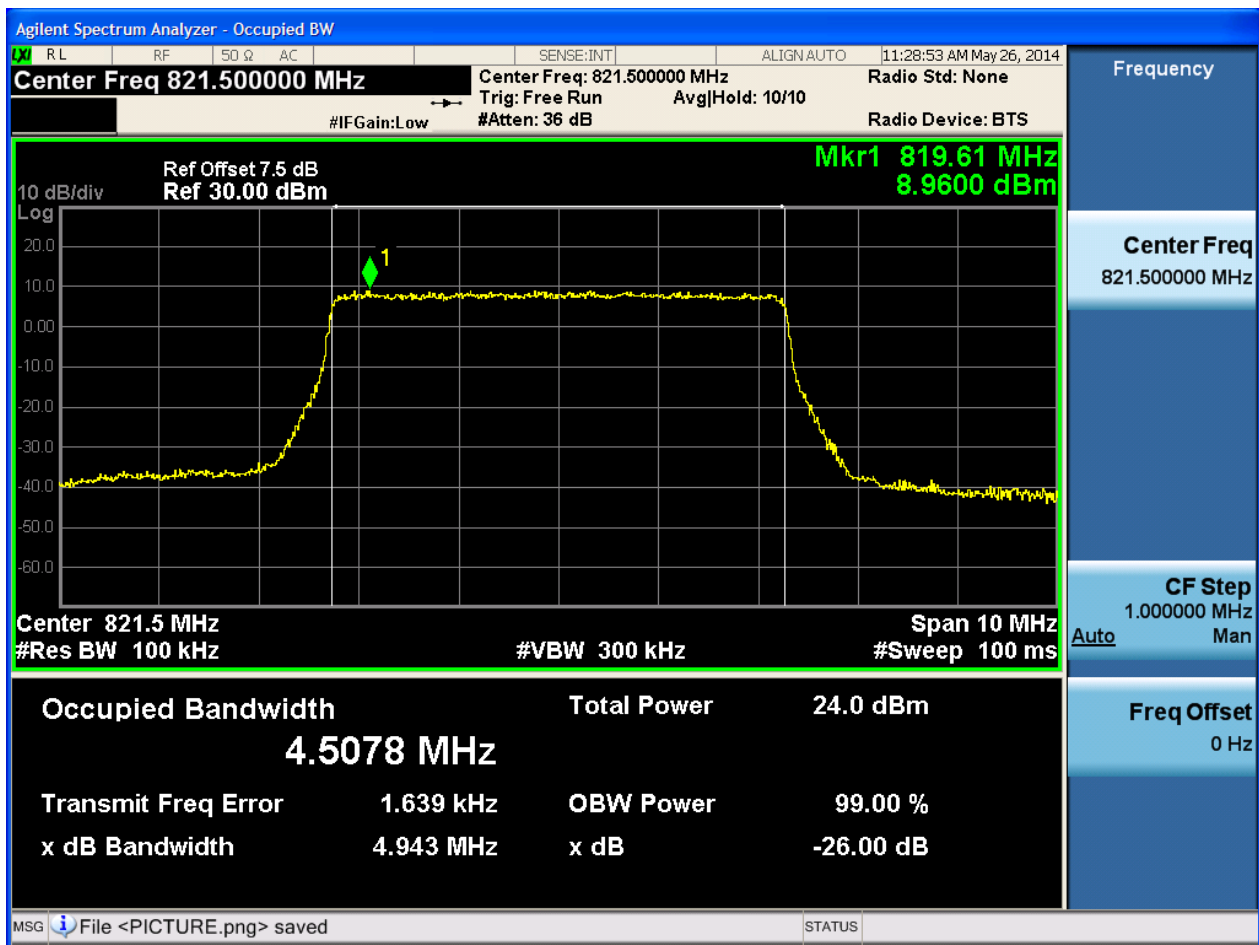
3.1.1.2.3.2.1 Test RB = RB25#0





3.1.1.2.3.3 Test Channel = HCH

3.1.1.2.3.3.1 Test RB = RB25#0

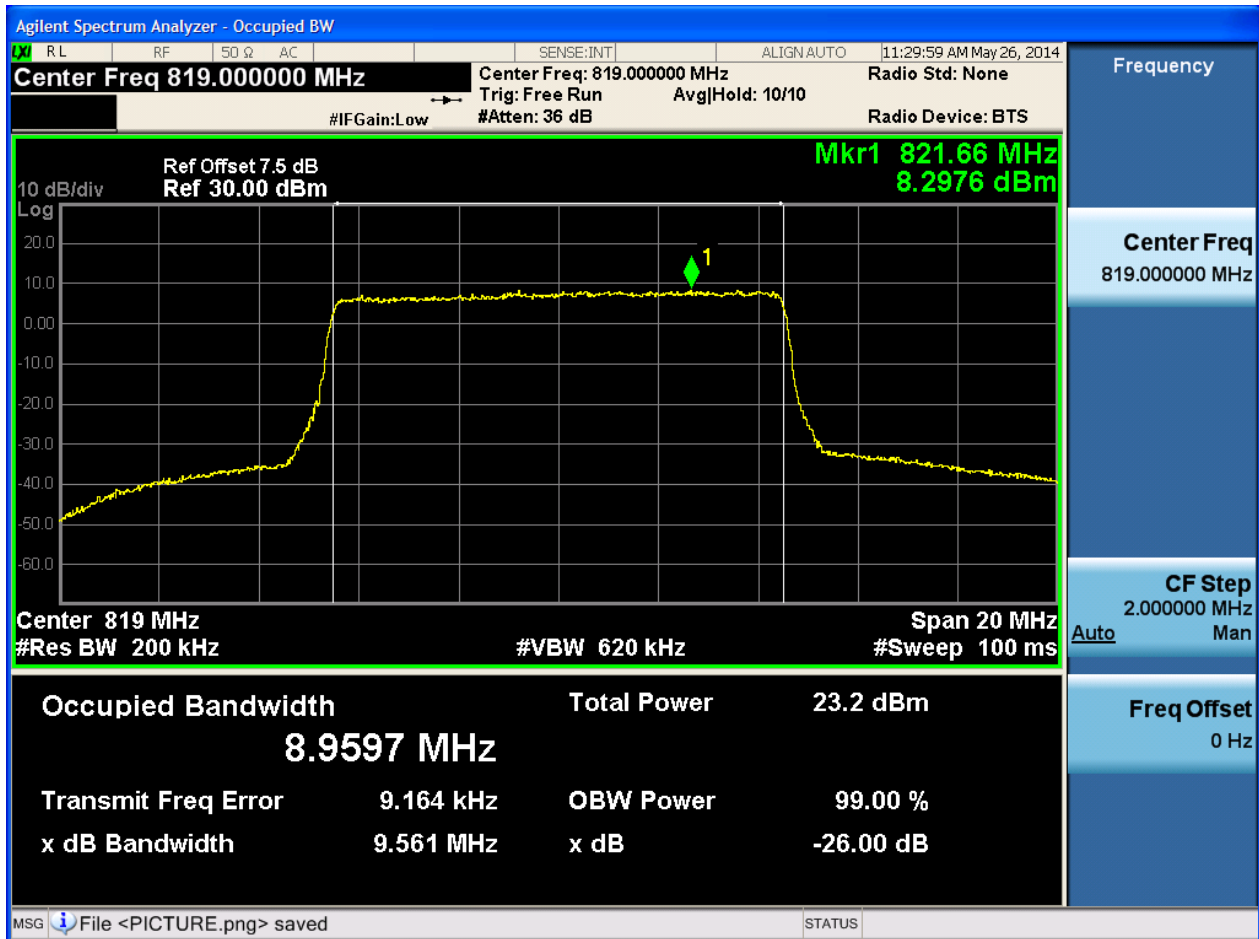




3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = LCH/MCH/HCH

3.1.1.2.4.1.1 Test RB = RB50#0



4Appendix_D: Band Edges Compliance

Part I - Test Plots

4.1 For LTE

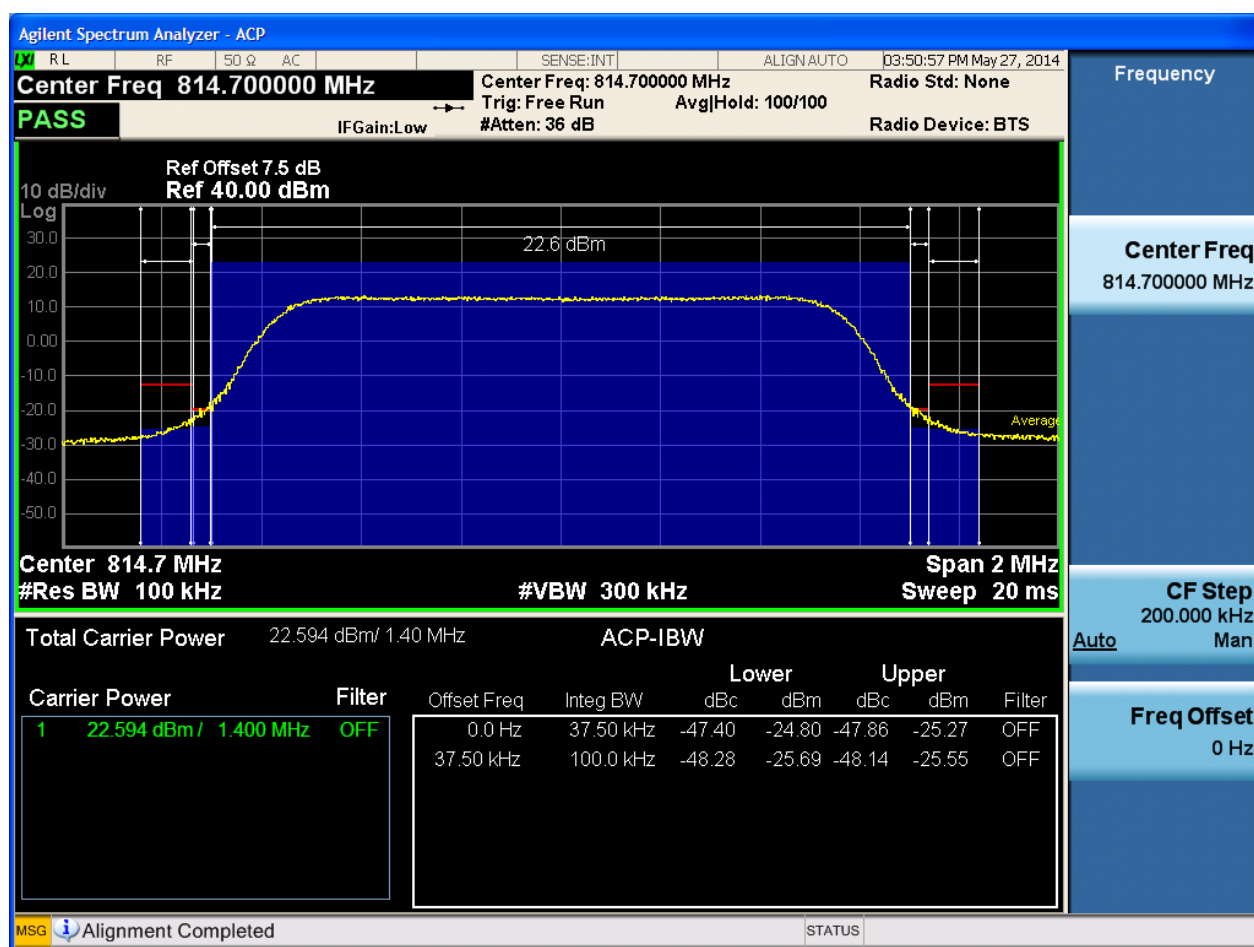
4.1.1 Test Band = BAND26

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

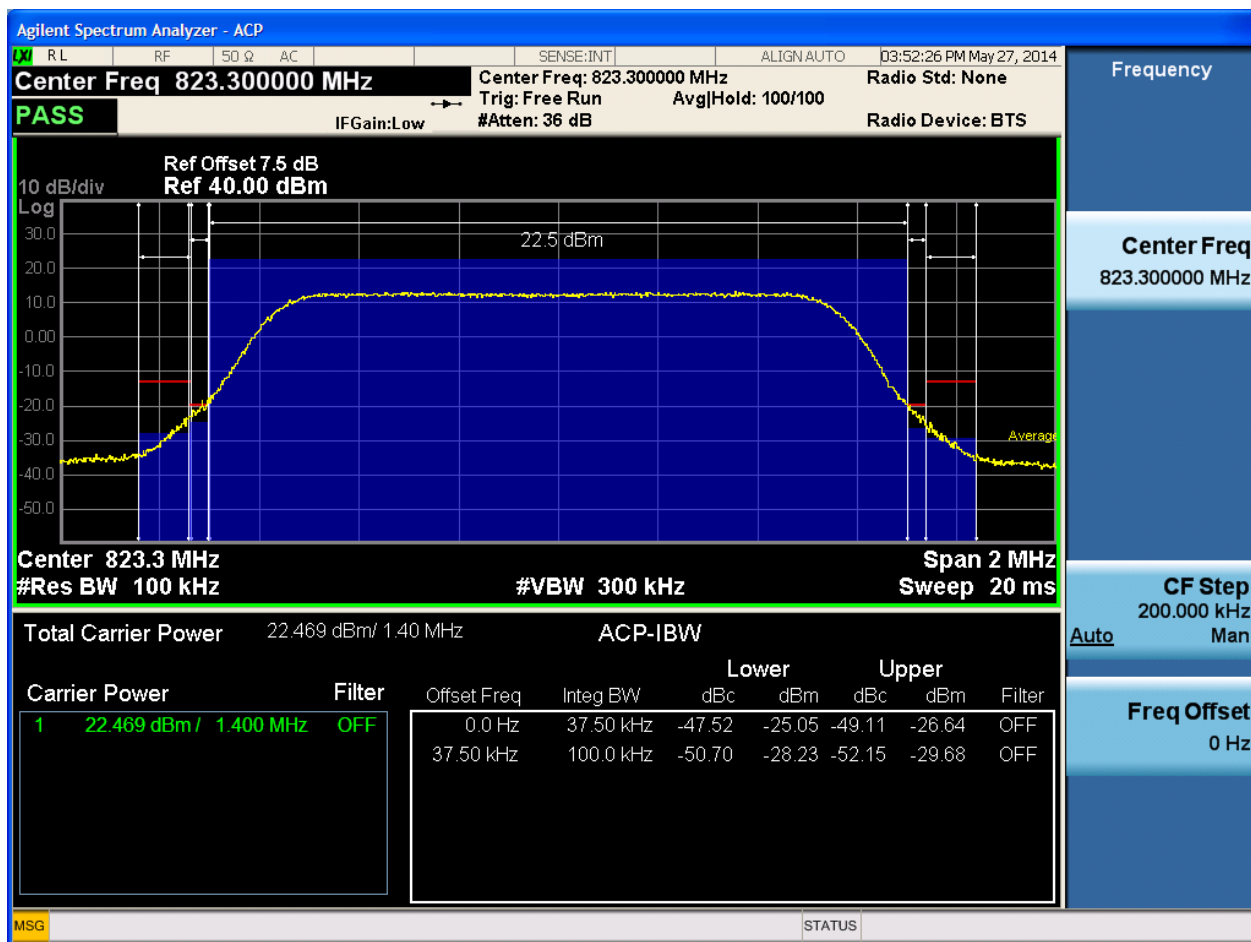
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = HCH

4.1.1.1.1.2.1 Test RB = RB6#0

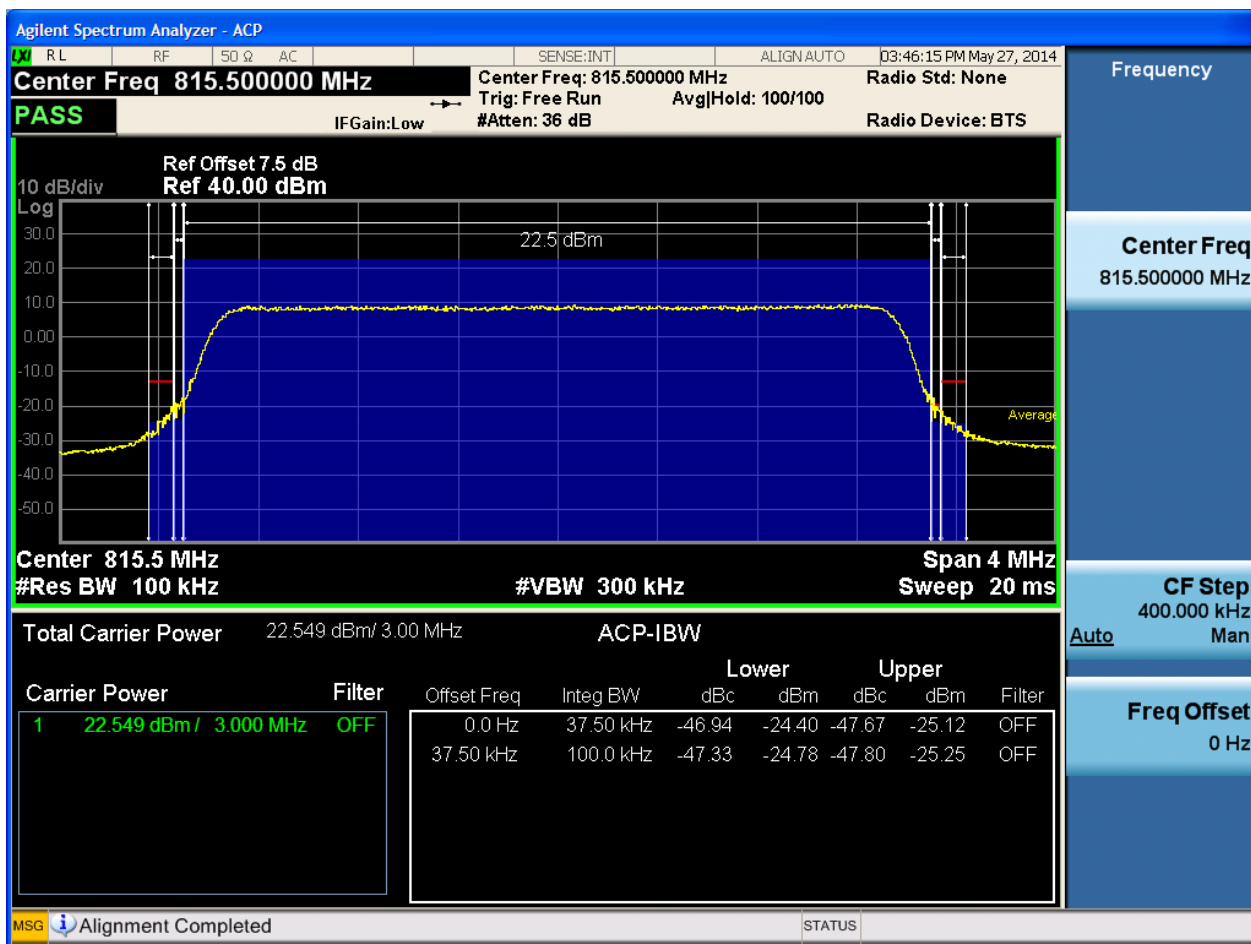




4.1.1.1.2 Test Bandwidth = 3

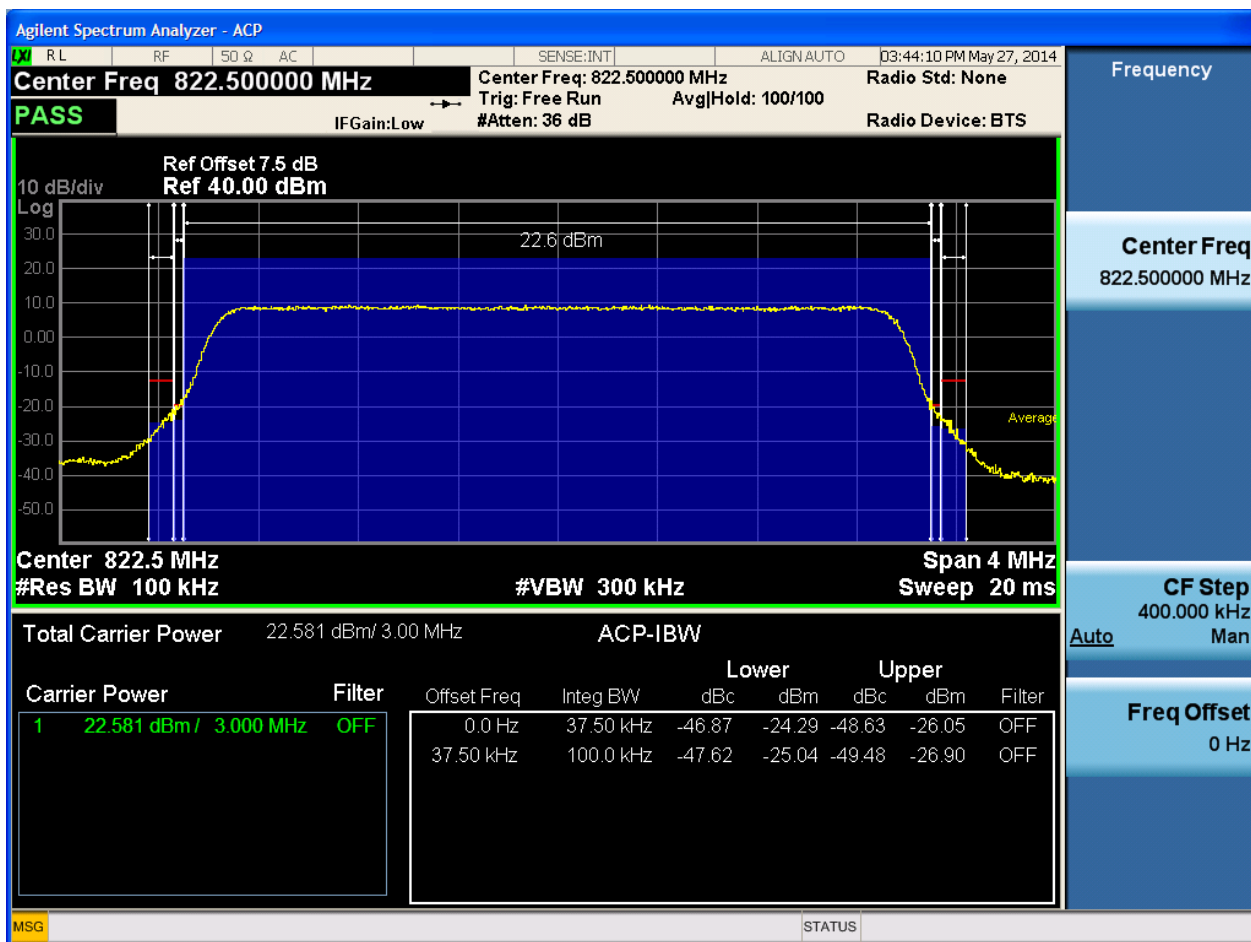
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = HCH

4.1.1.1.2.2.1 Test RB = RB15#0

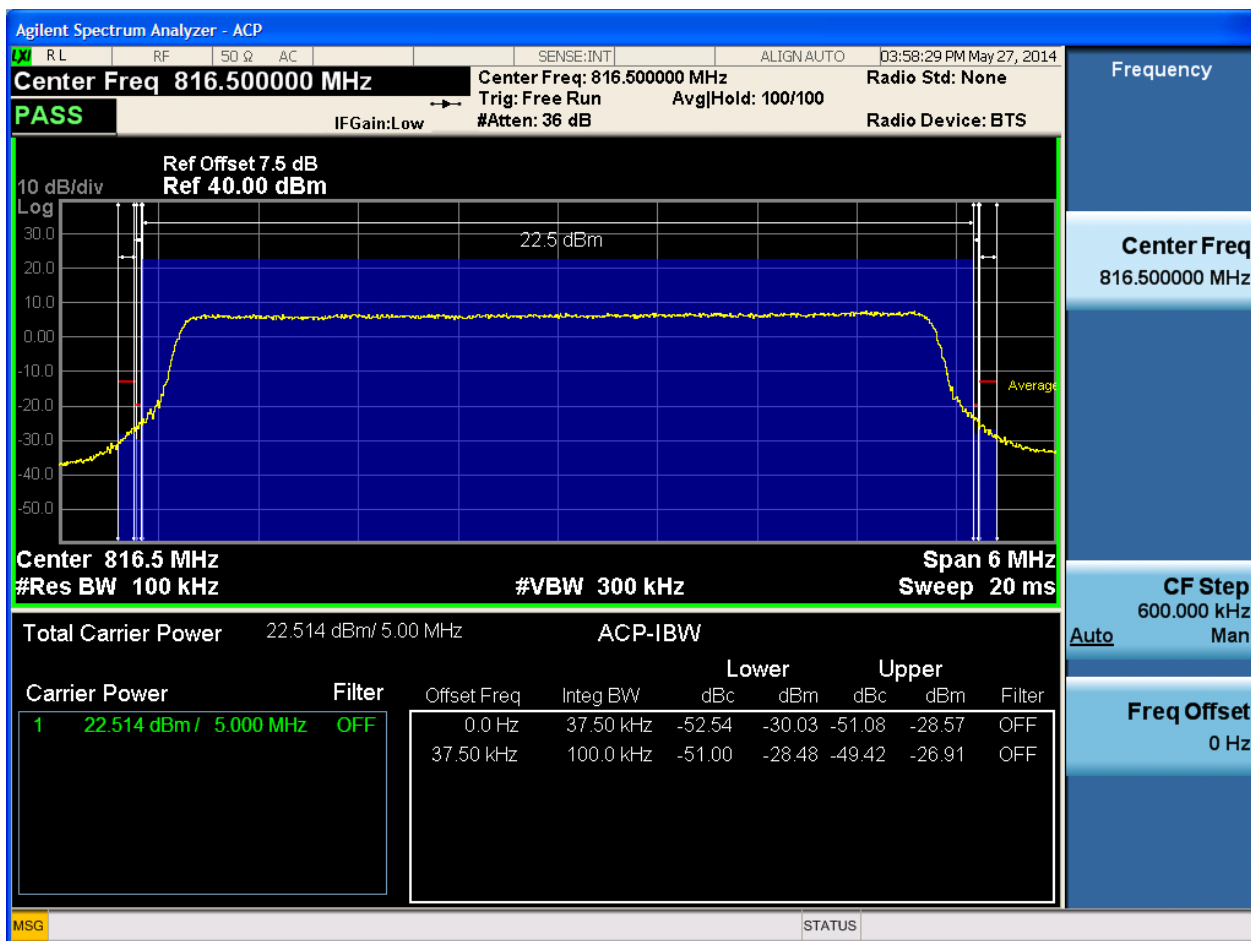




4.1.1.1.3 Test Bandwidth = 5

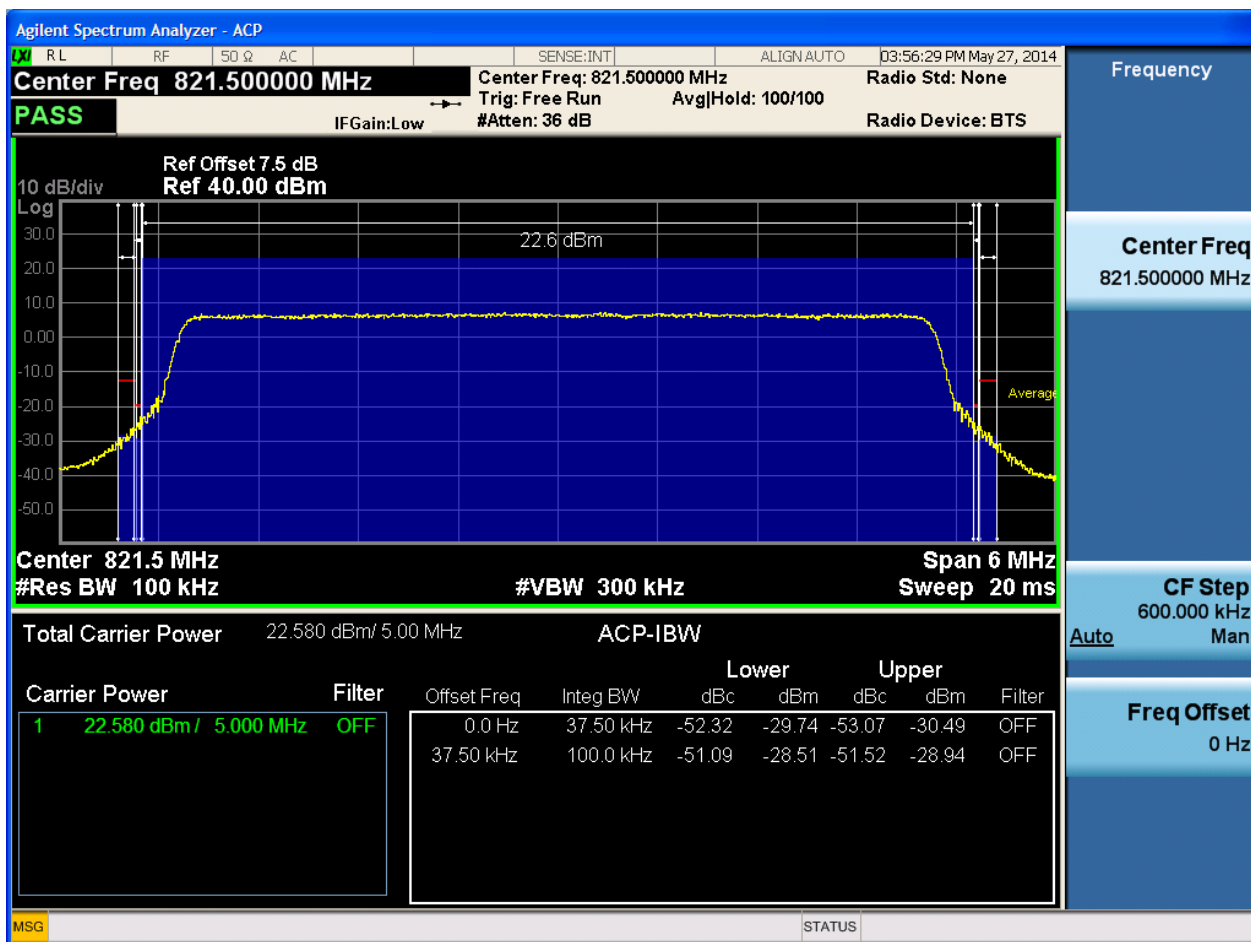
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = HCH

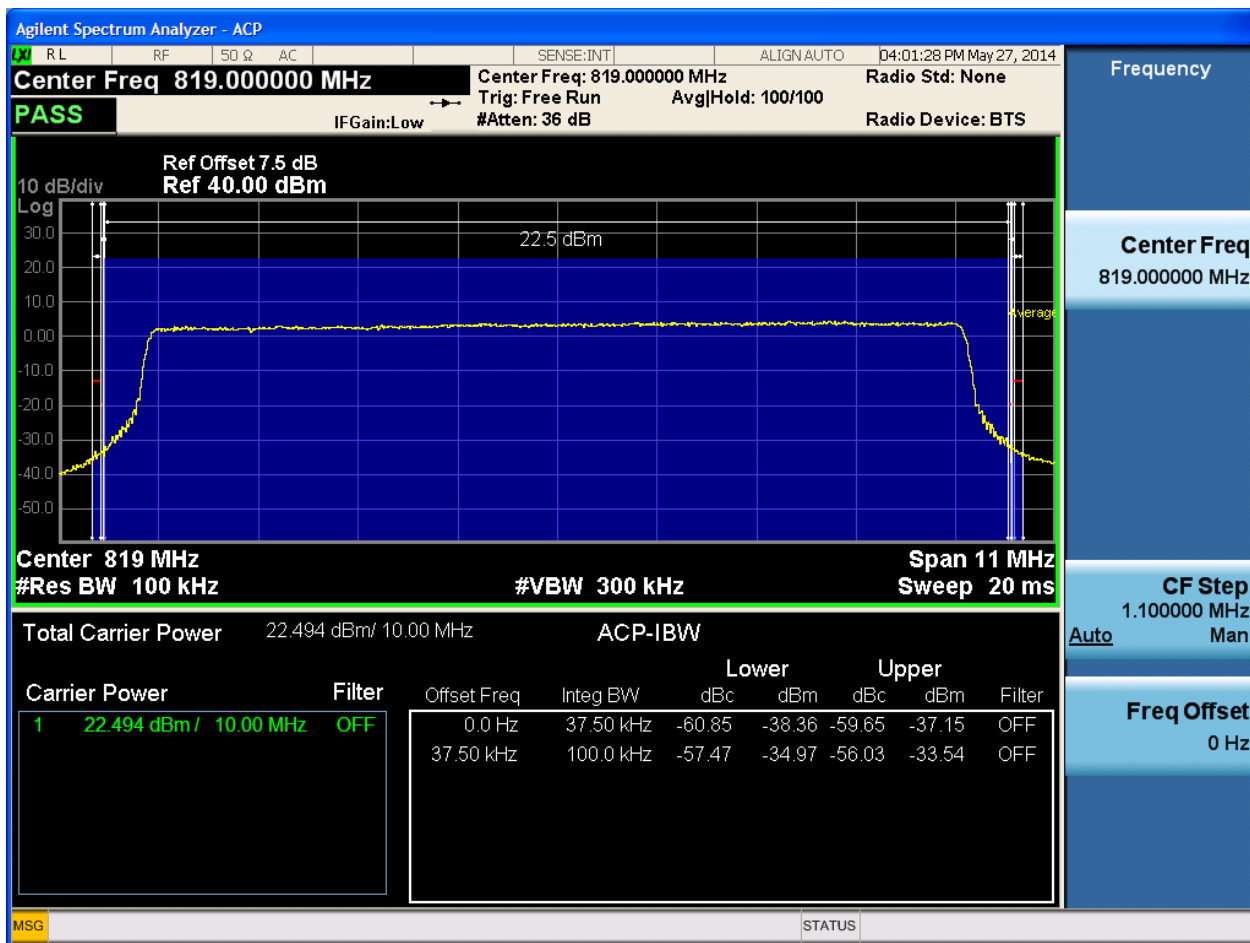
4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH/HCH

4.1.1.1.4.1.1 Test RB = RB50#0



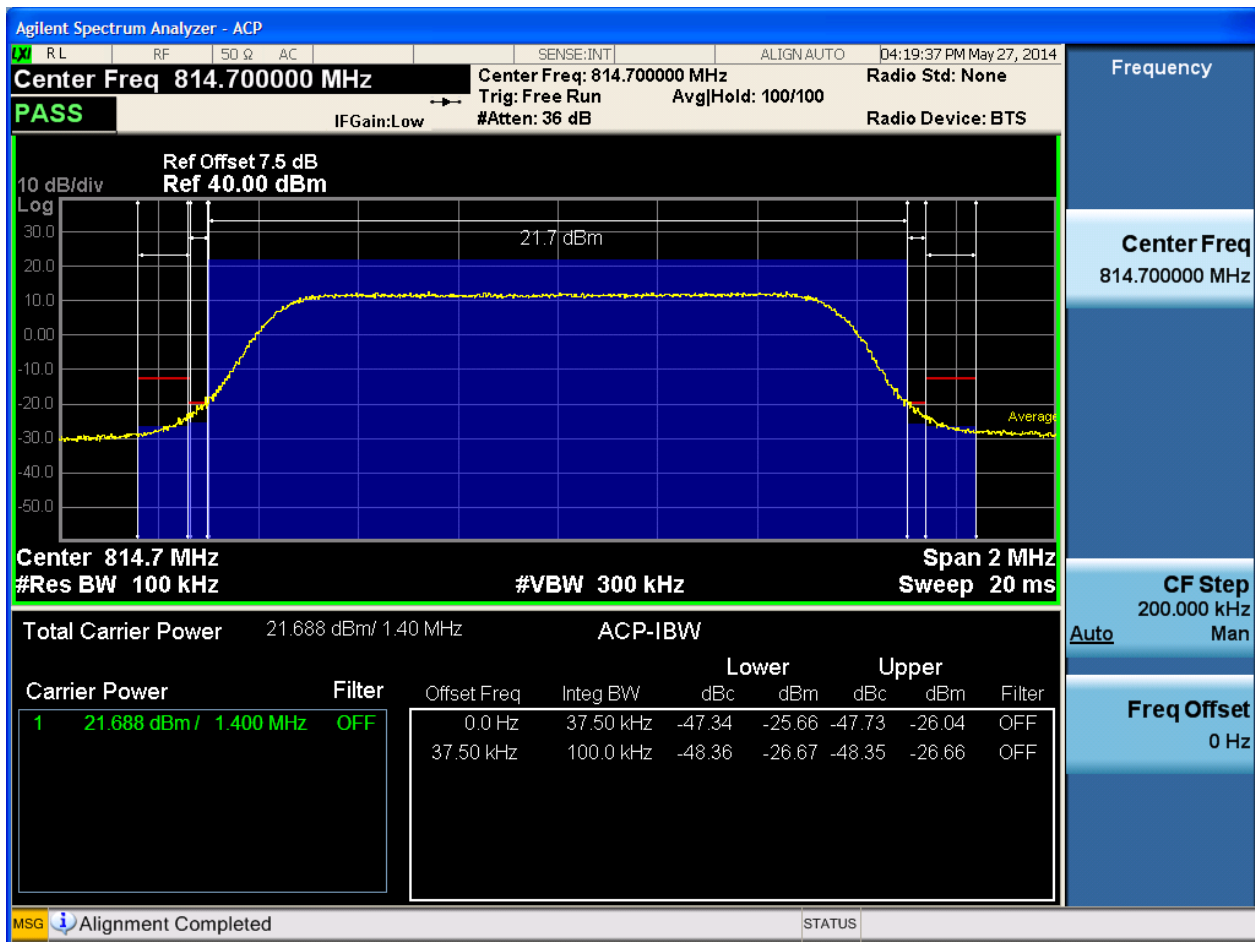


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

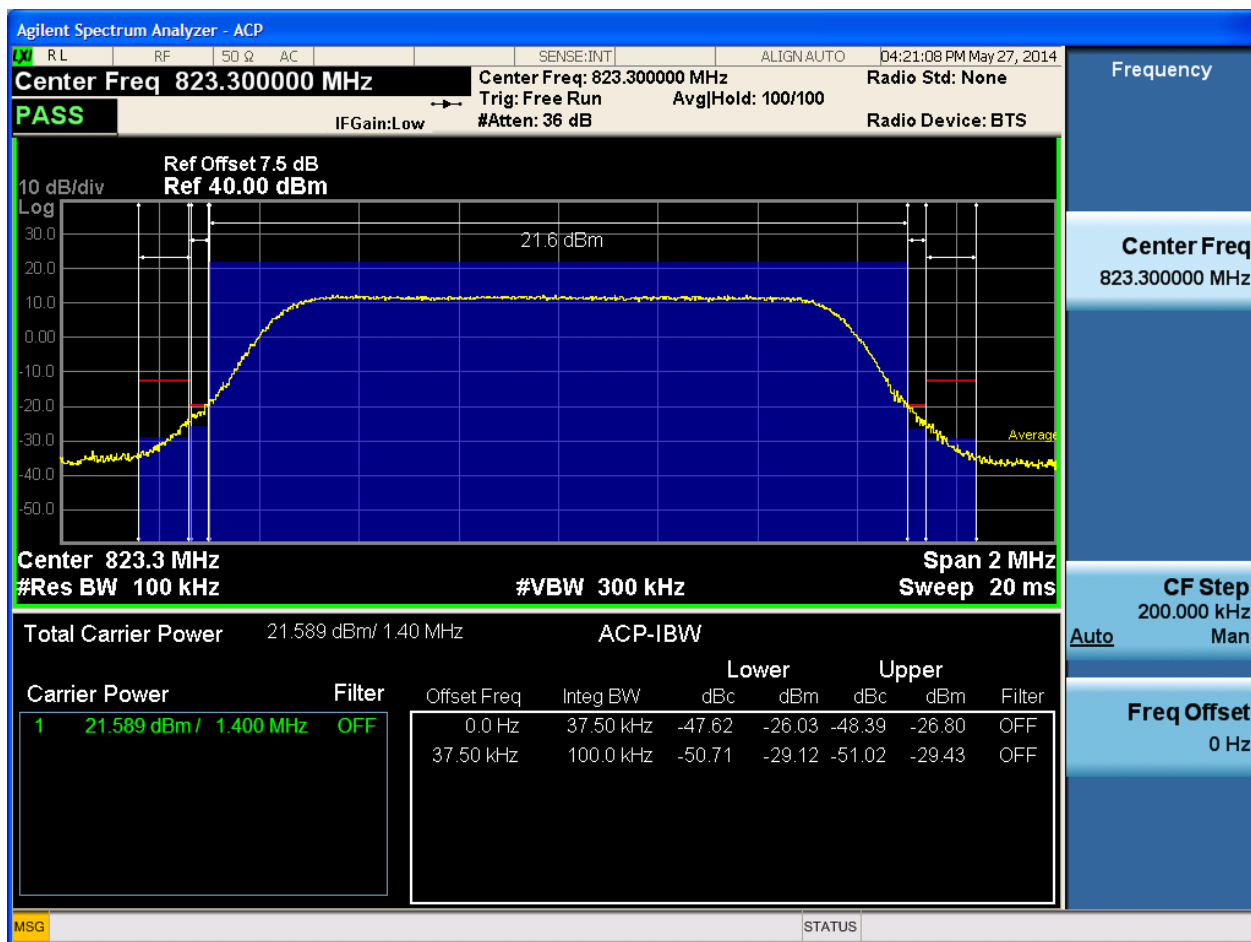
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



4.1.1.2.1.2 Test Channel = HCH

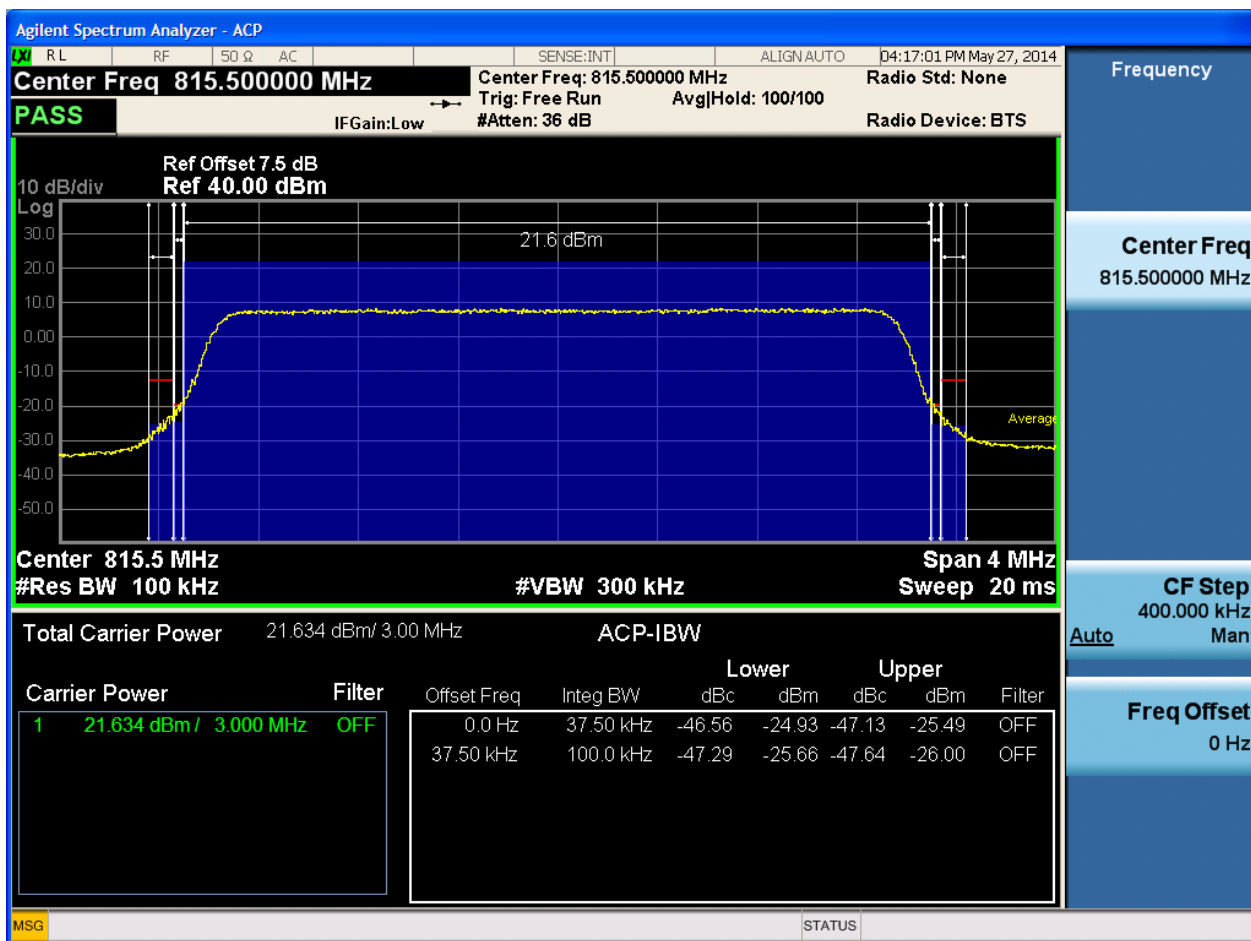
4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

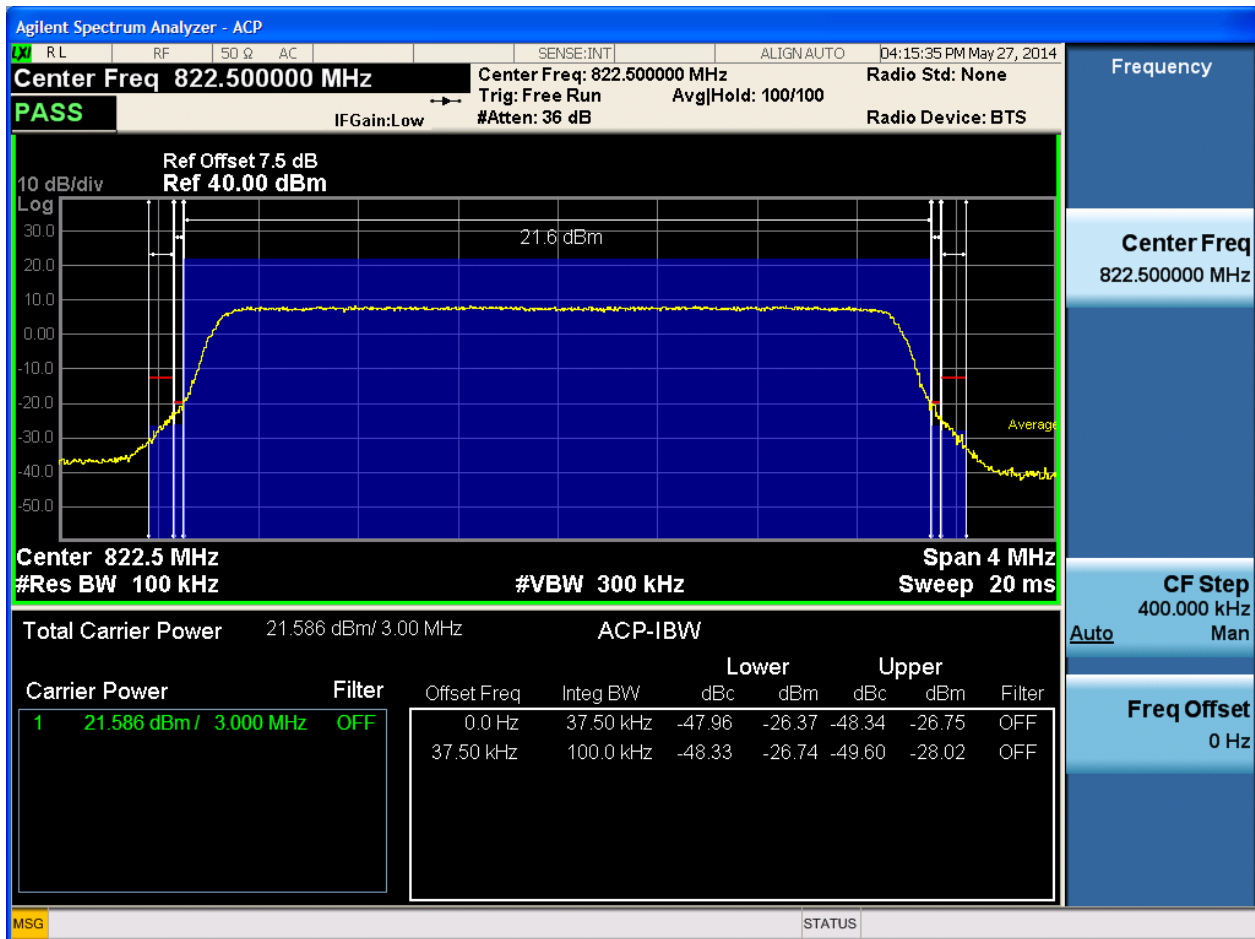
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 Test Channel = HCH

4.1.1.2.2.2.1 Test RB = RB15#0

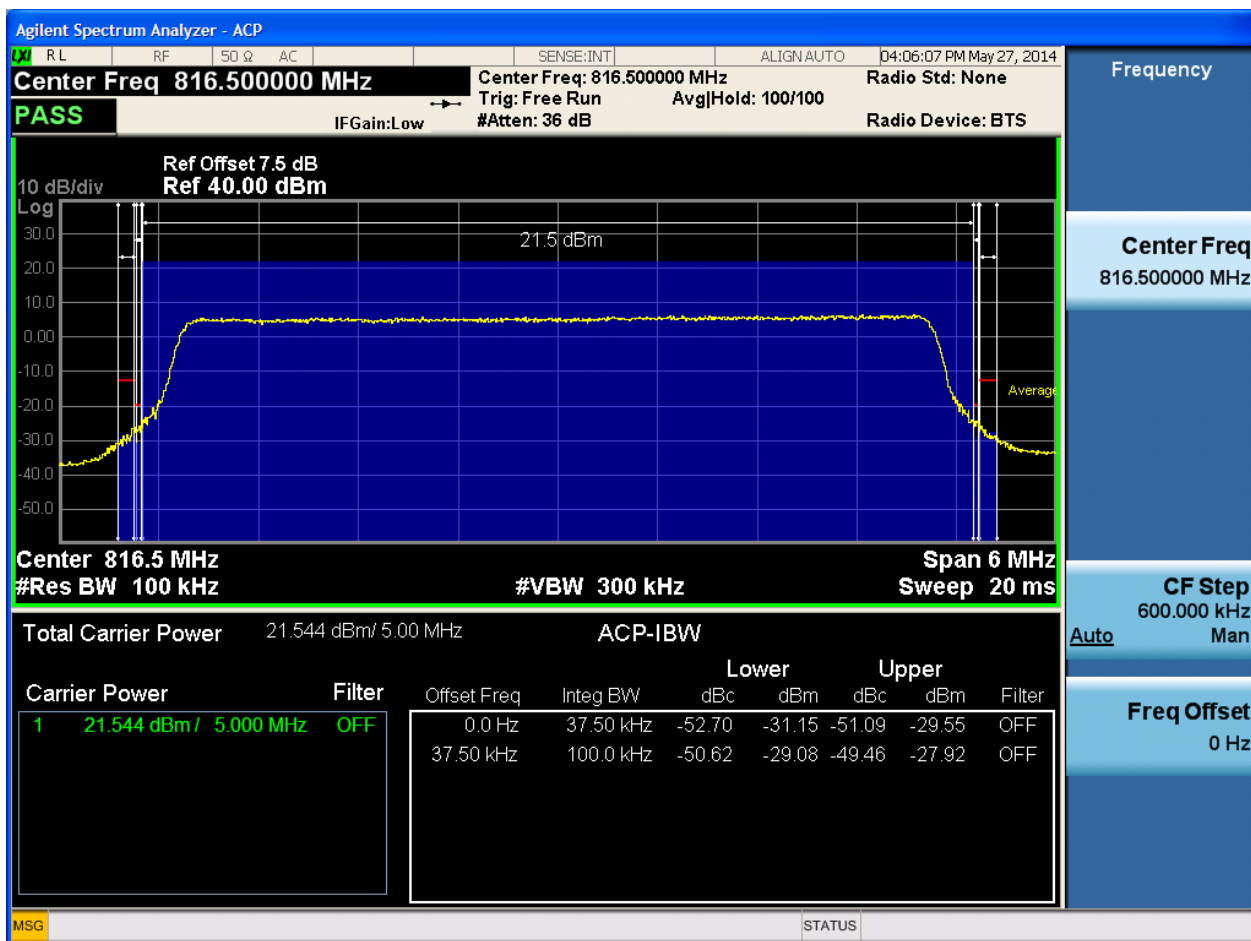




4.1.1.2.3 Test Bandwidth = 5

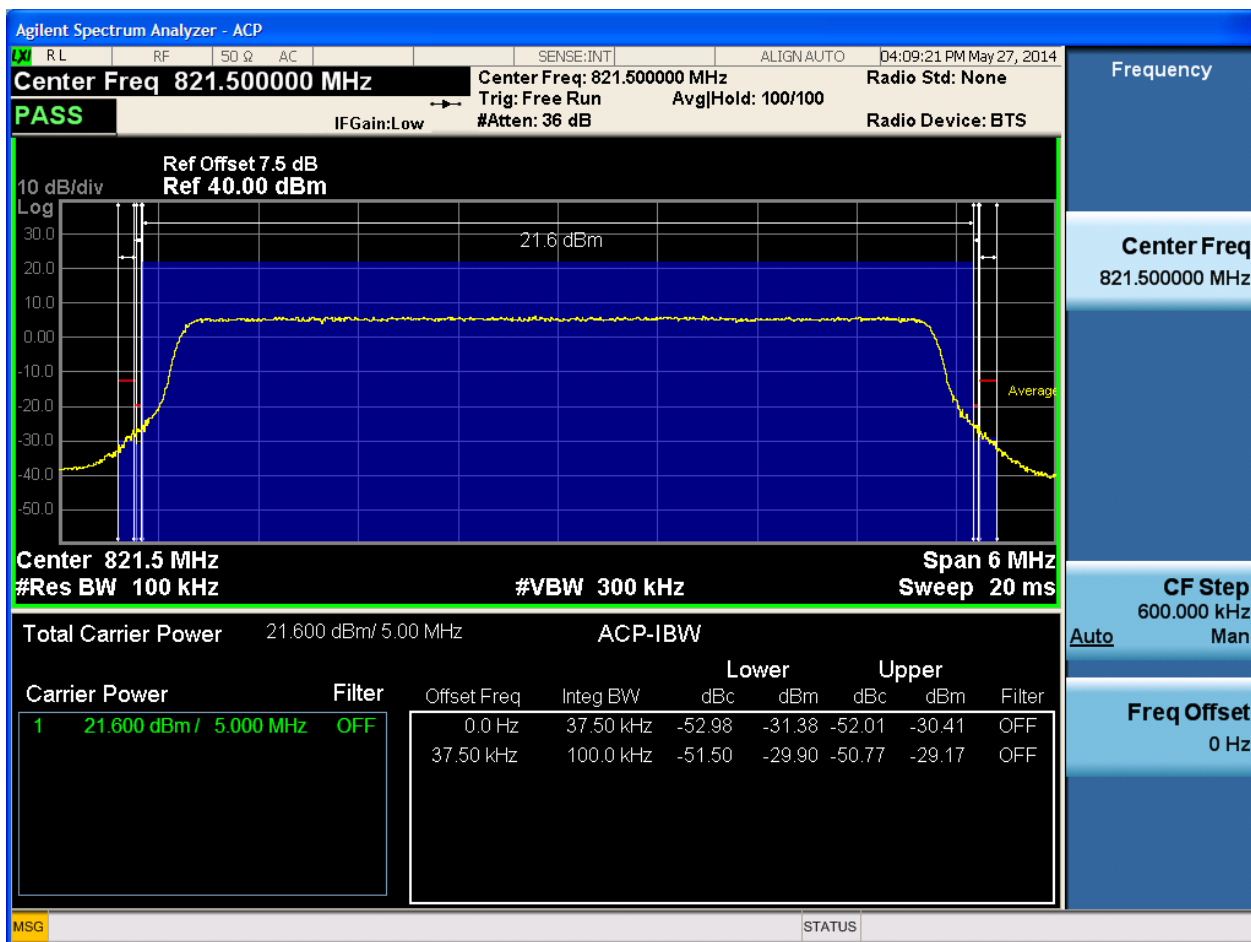
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = HCH

4.1.1.2.3.2.1 Test RB = RB25#0

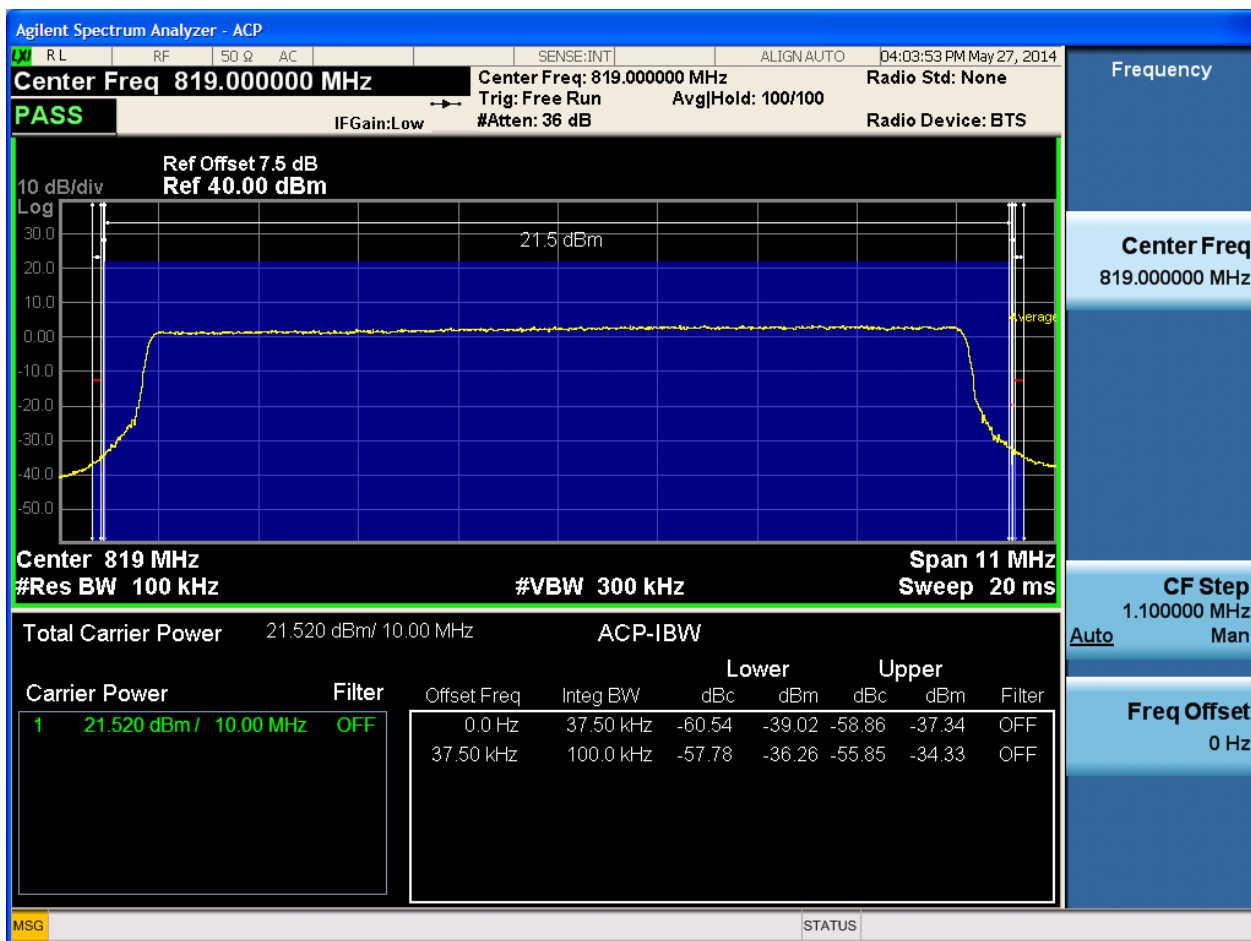




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH/HCH

4.1.1.2.4.1.1 Test RB = RB50#0



5Appendix_E: 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

5.1 For LTE

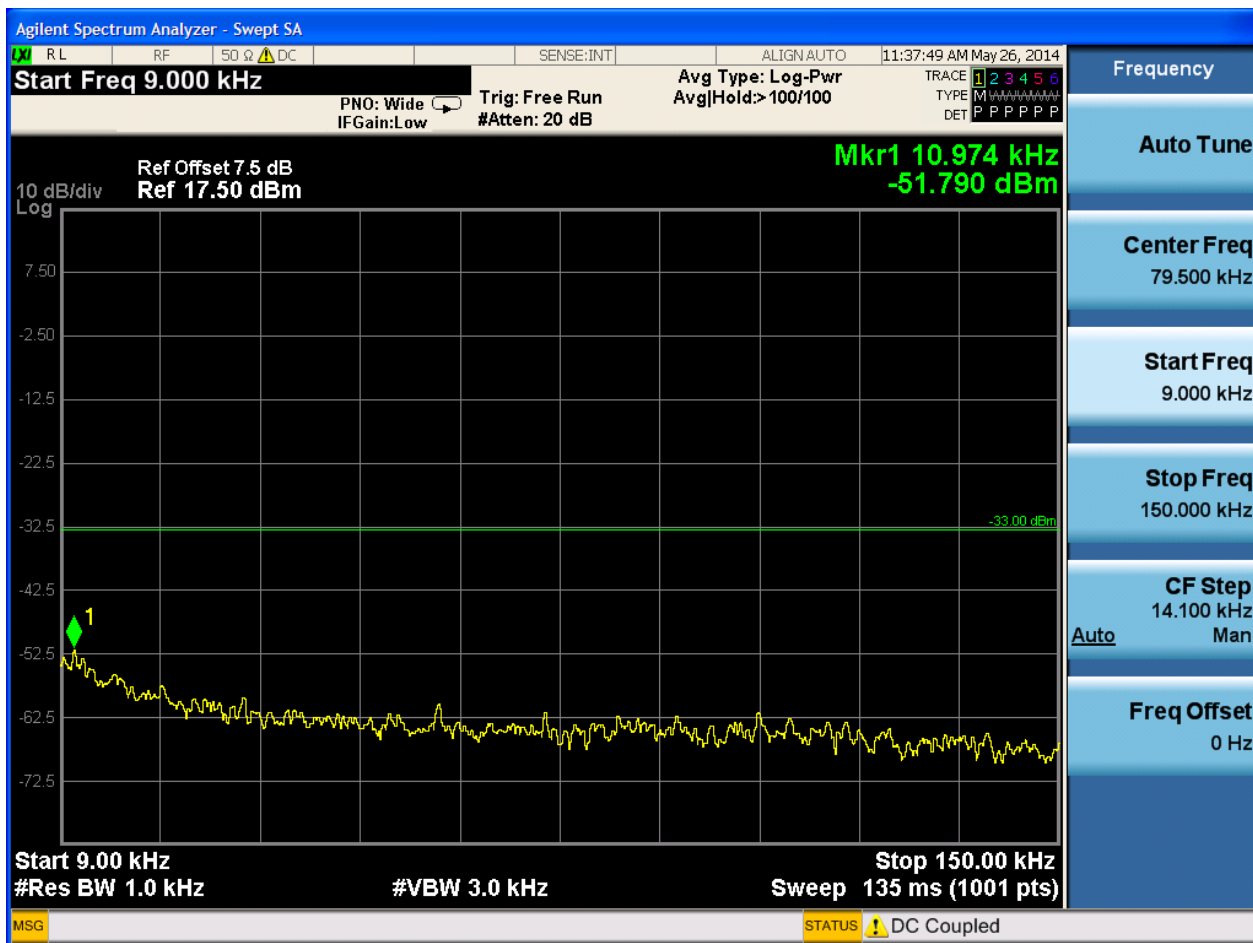
5.1.1 Test Band = BAND26

5.1.1.1 Test Mode = LTE/TM1

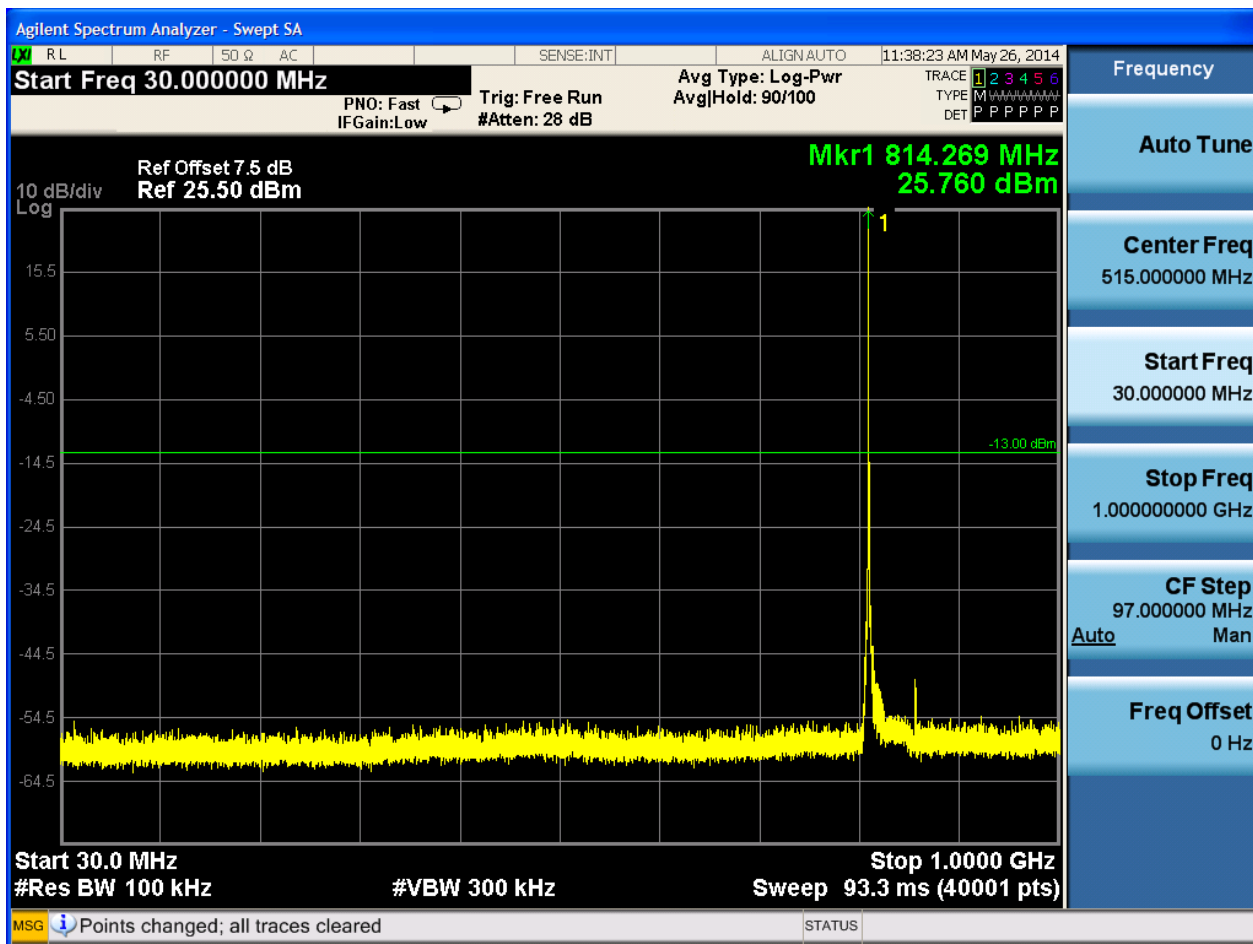
5.1.1.1.1 Test Bandwidth = 1.4

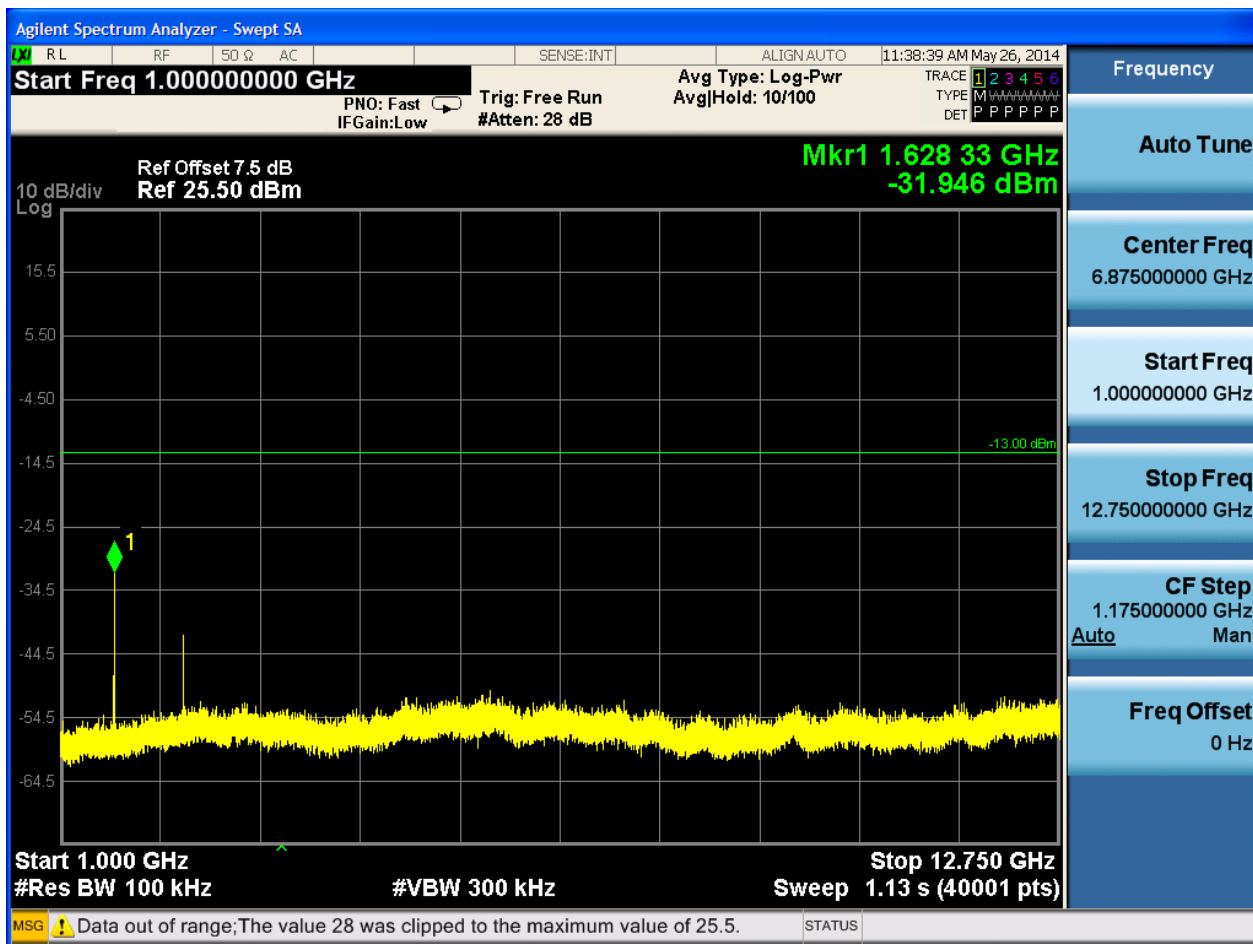
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





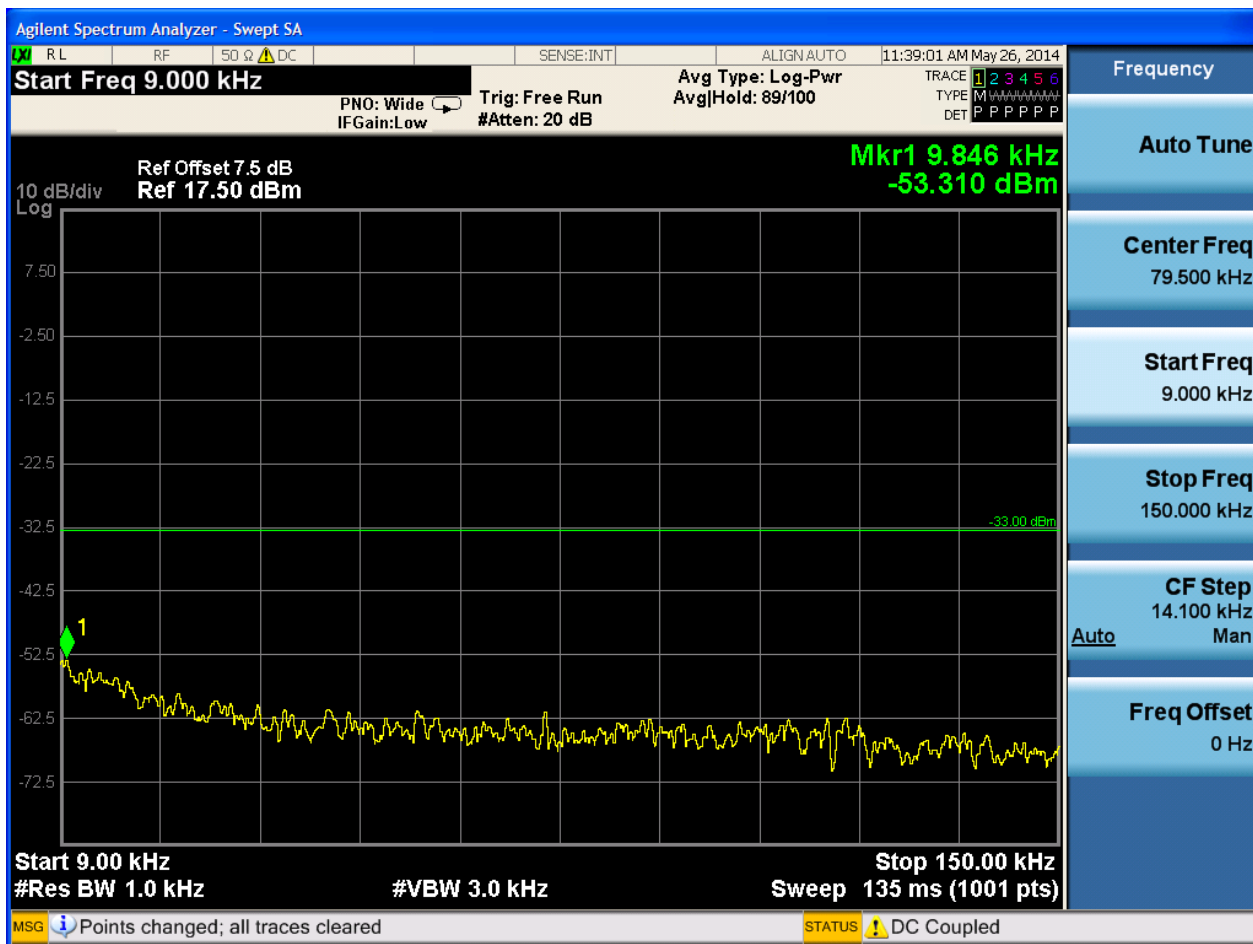


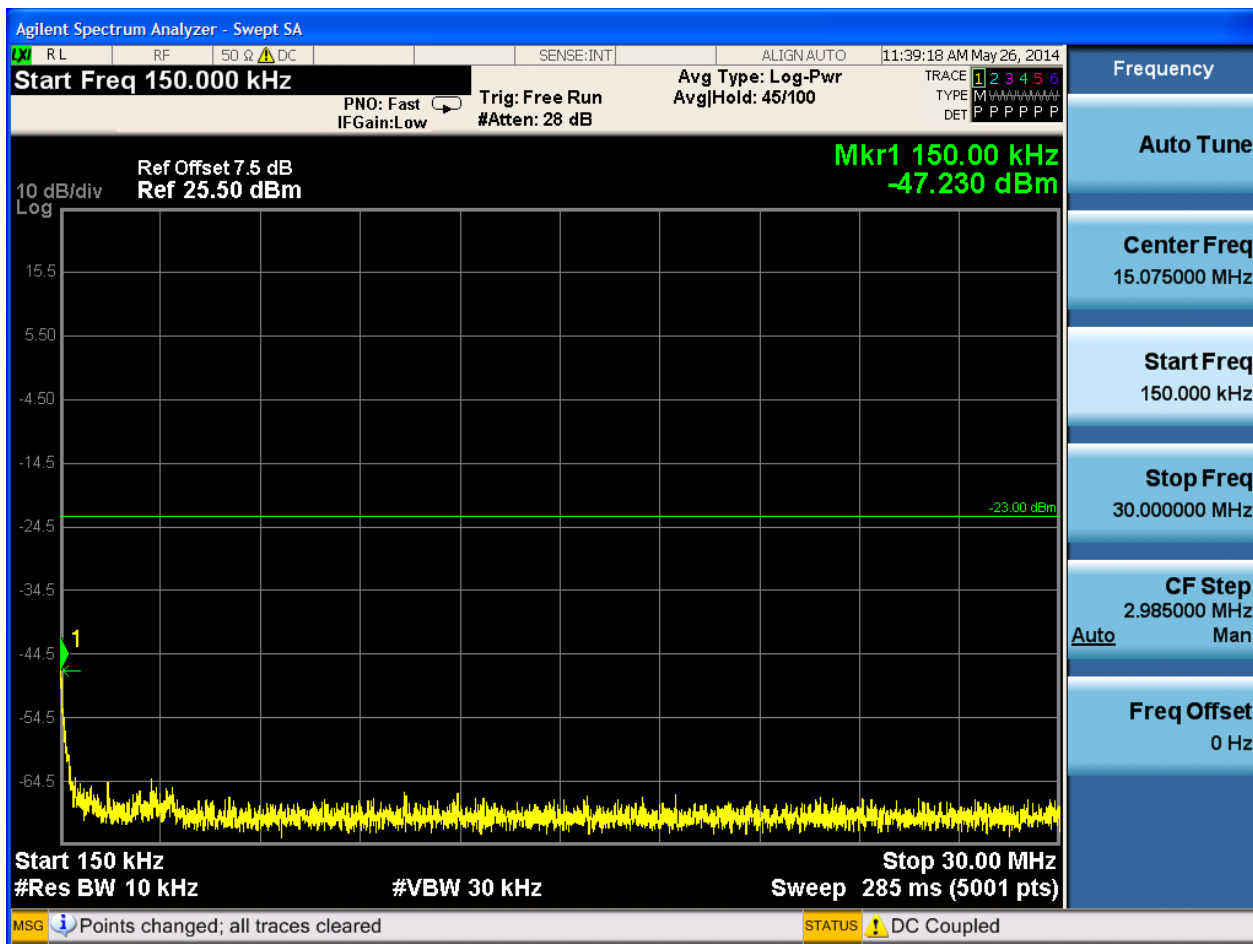


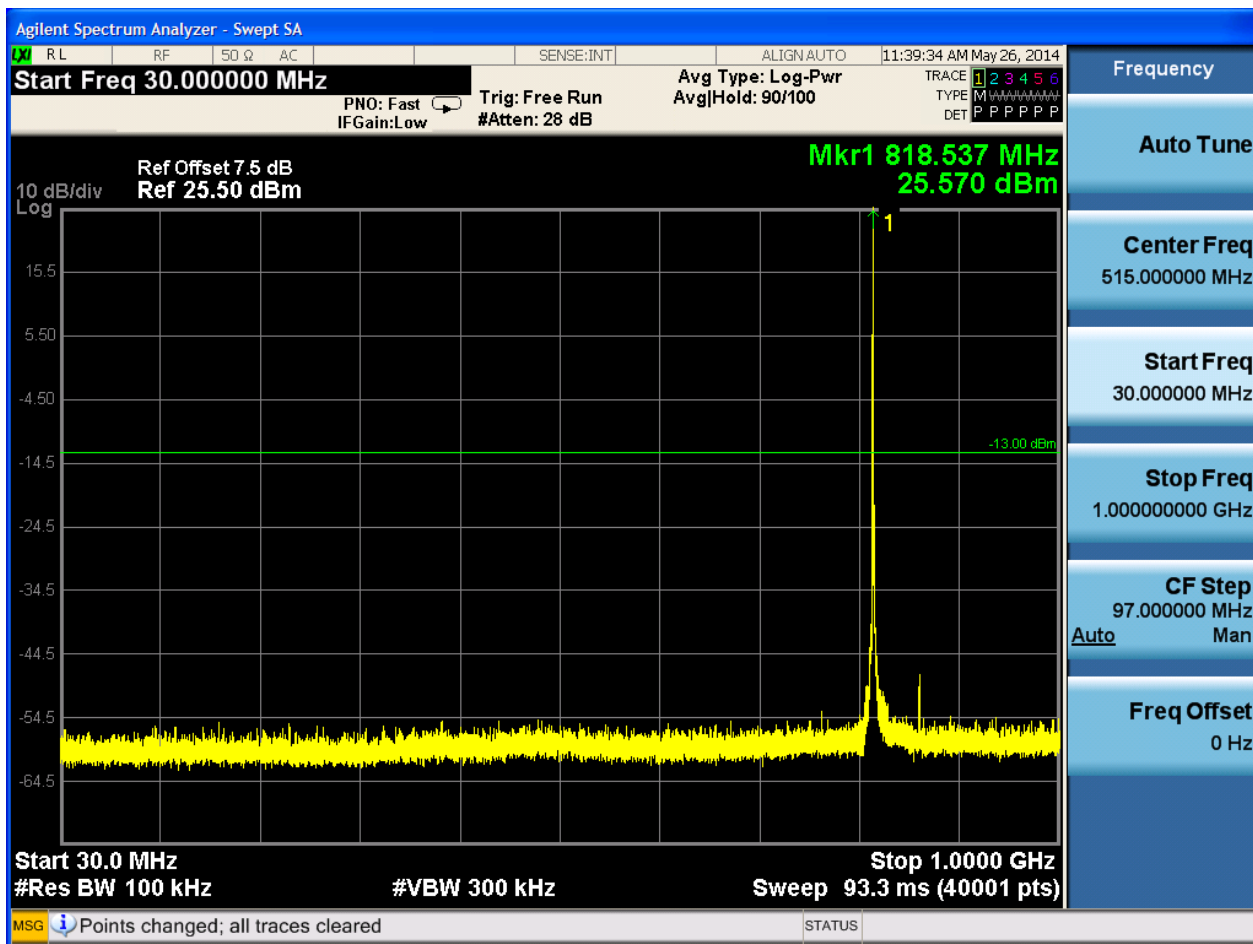


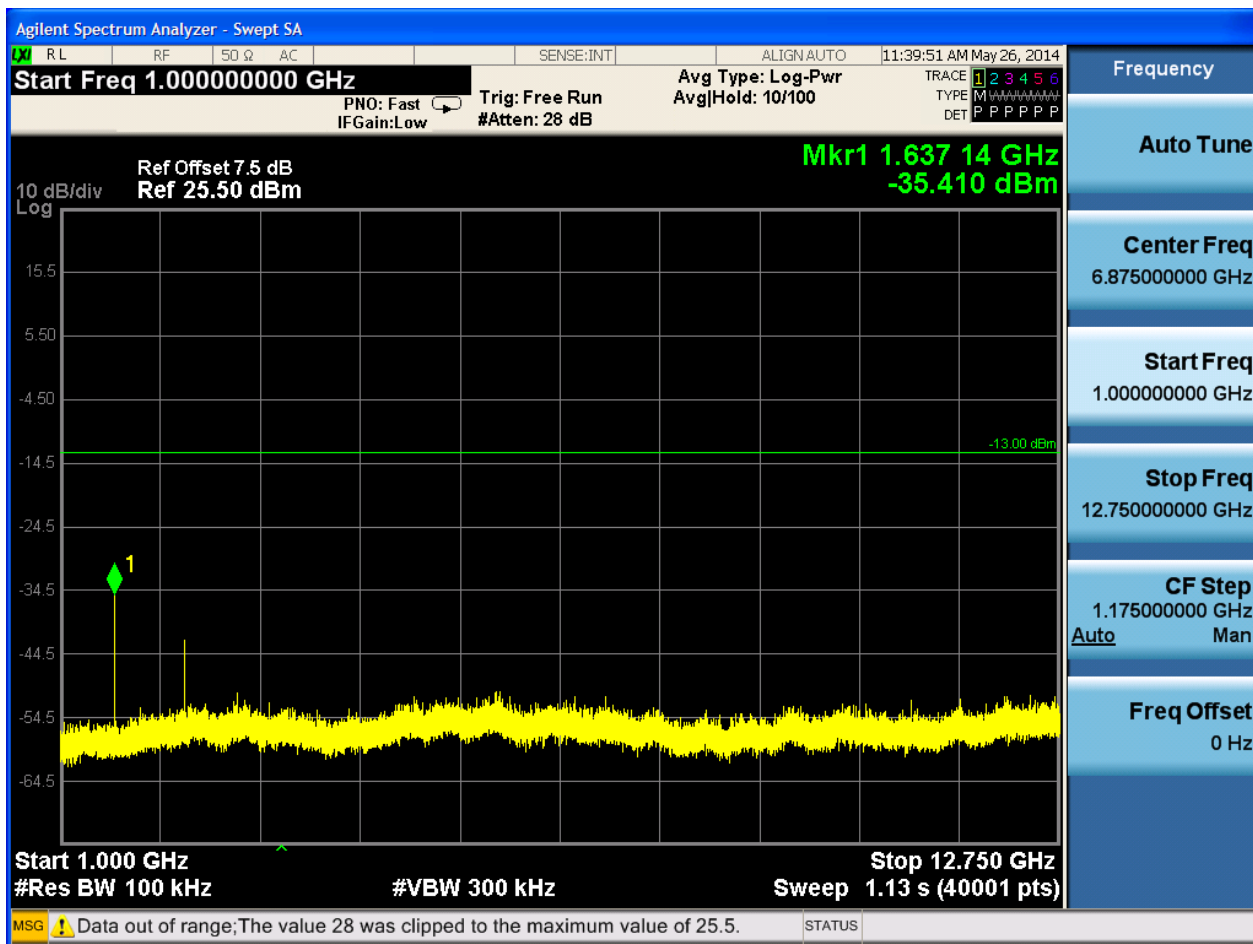
5.1.1.1.1.2 Test Channel = MCH

5.1.1.1.1.2.1 Test RB = RB1#0





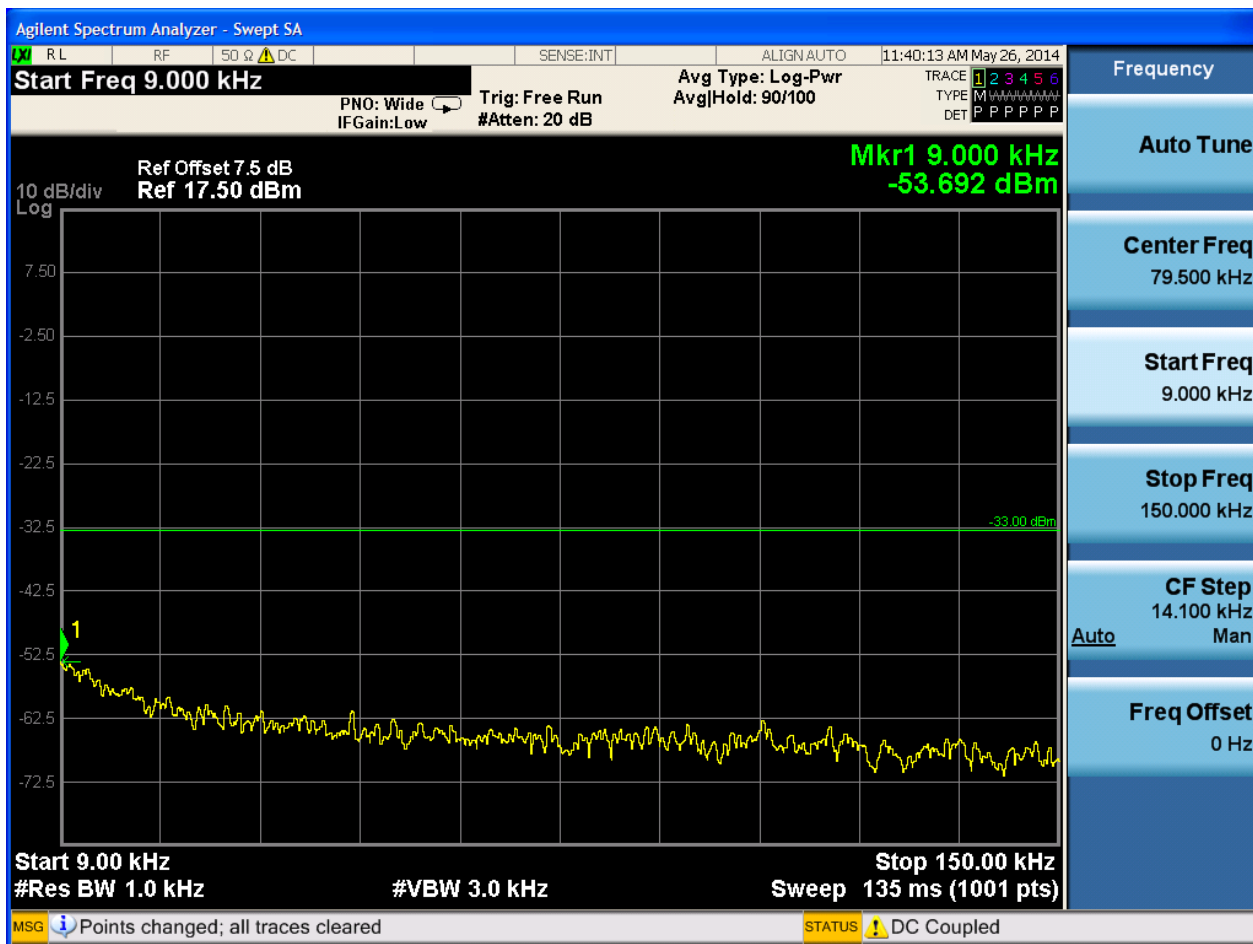


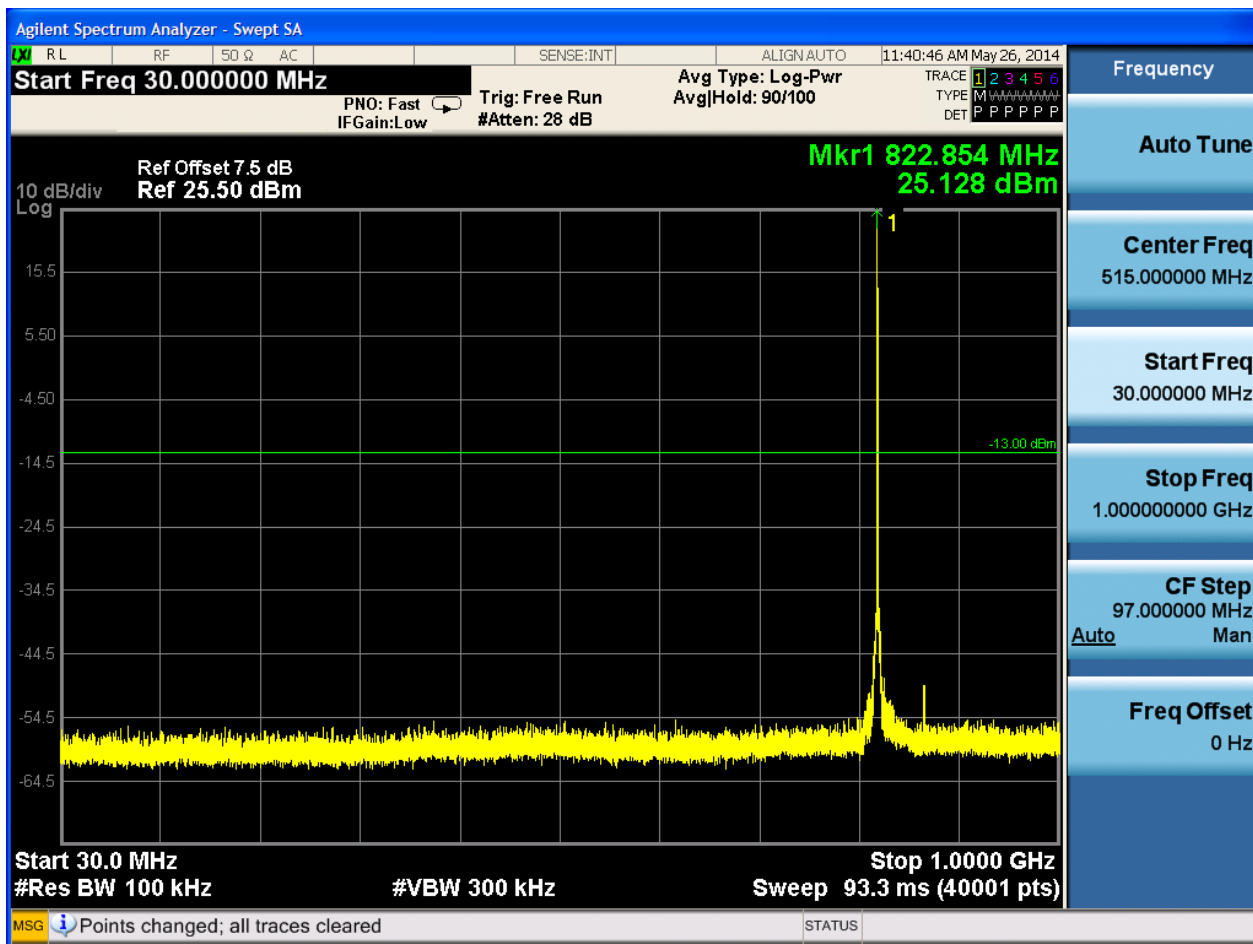


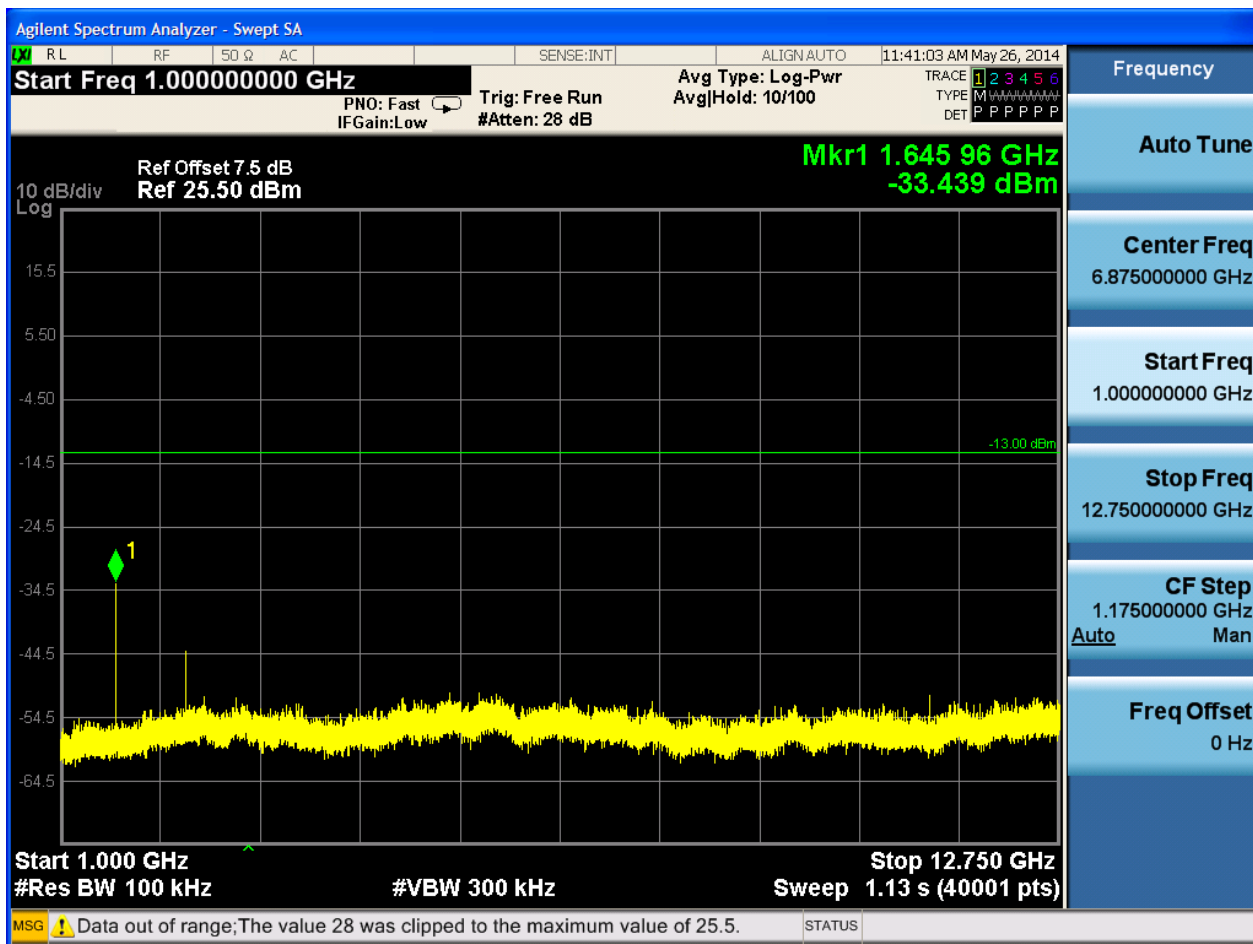


5.1.1.1.1.3 Test Channel = HCH

5.1.1.1.1.3.1 Test RB = RB1#0





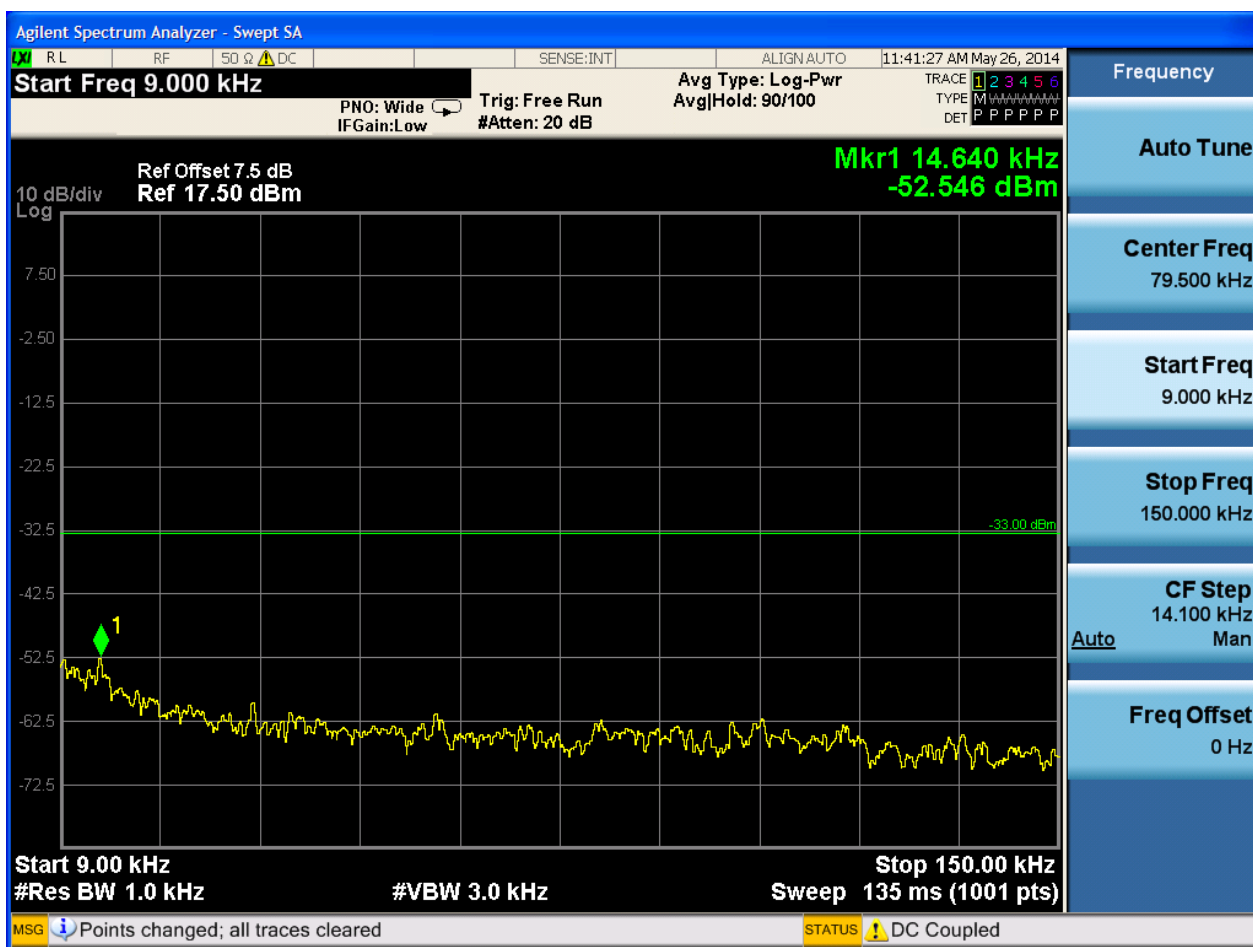


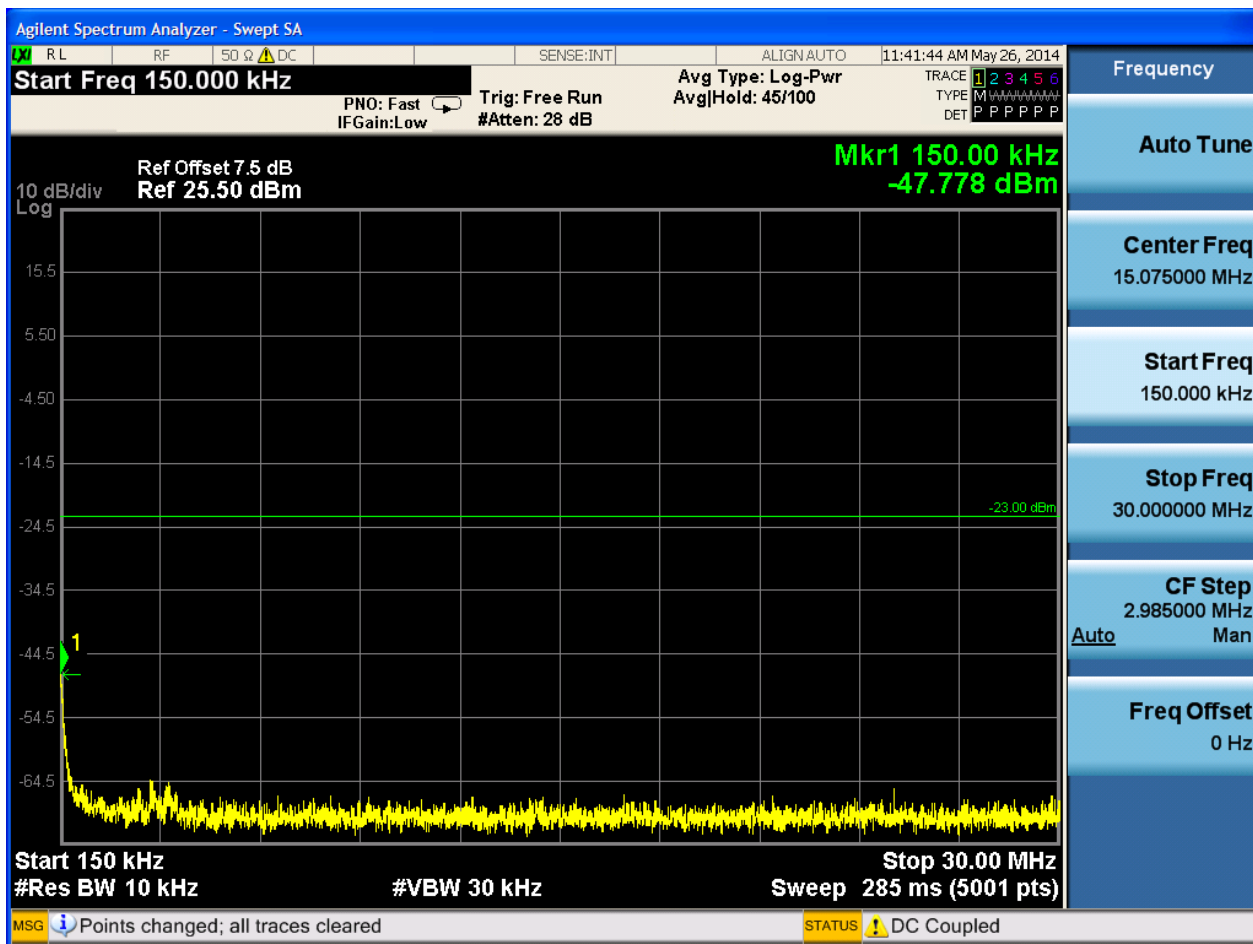


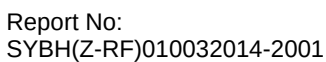
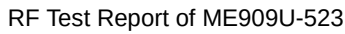
5.1.1.1.2 Test Bandwidth = 3

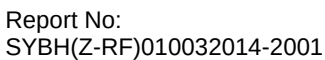
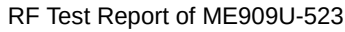
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



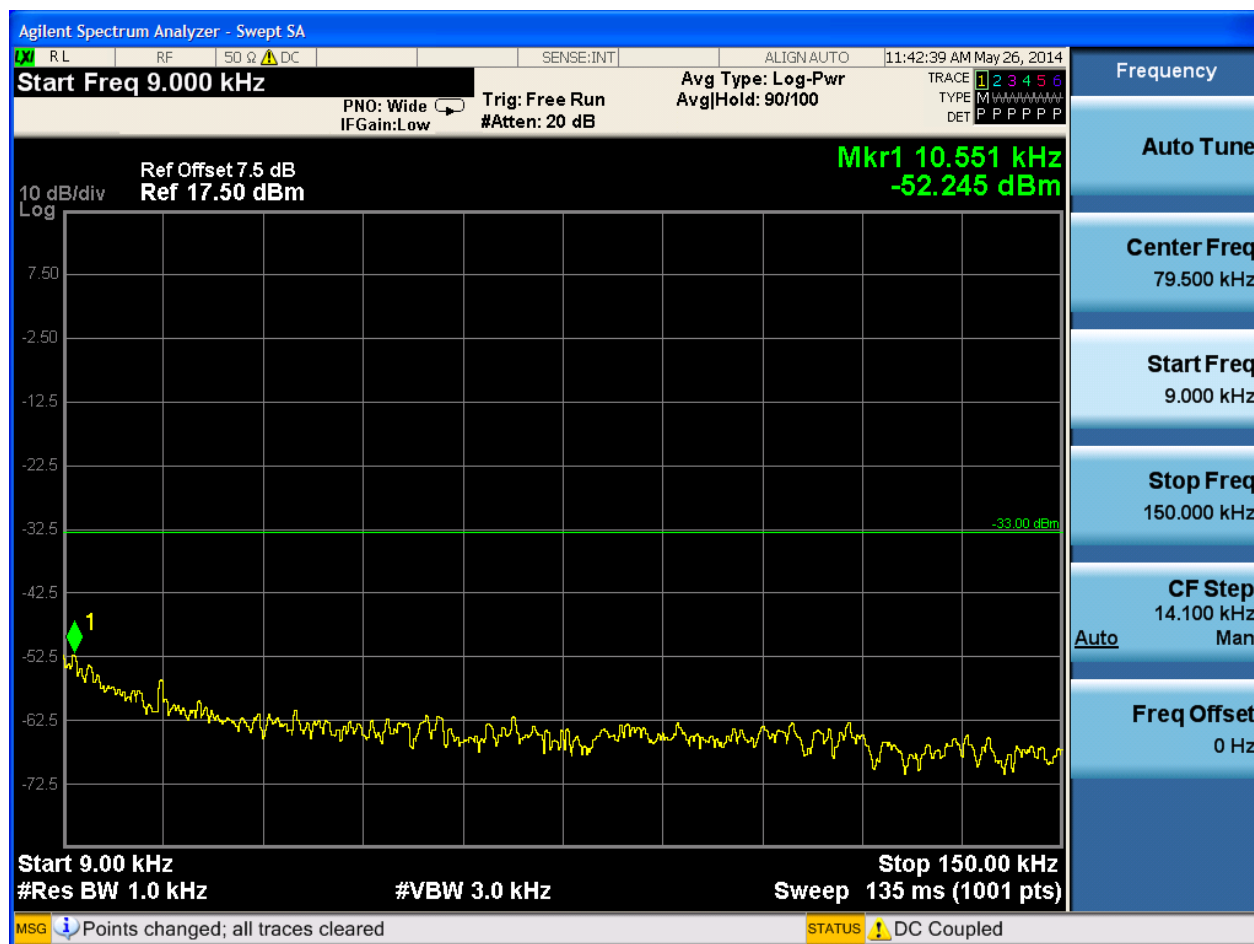


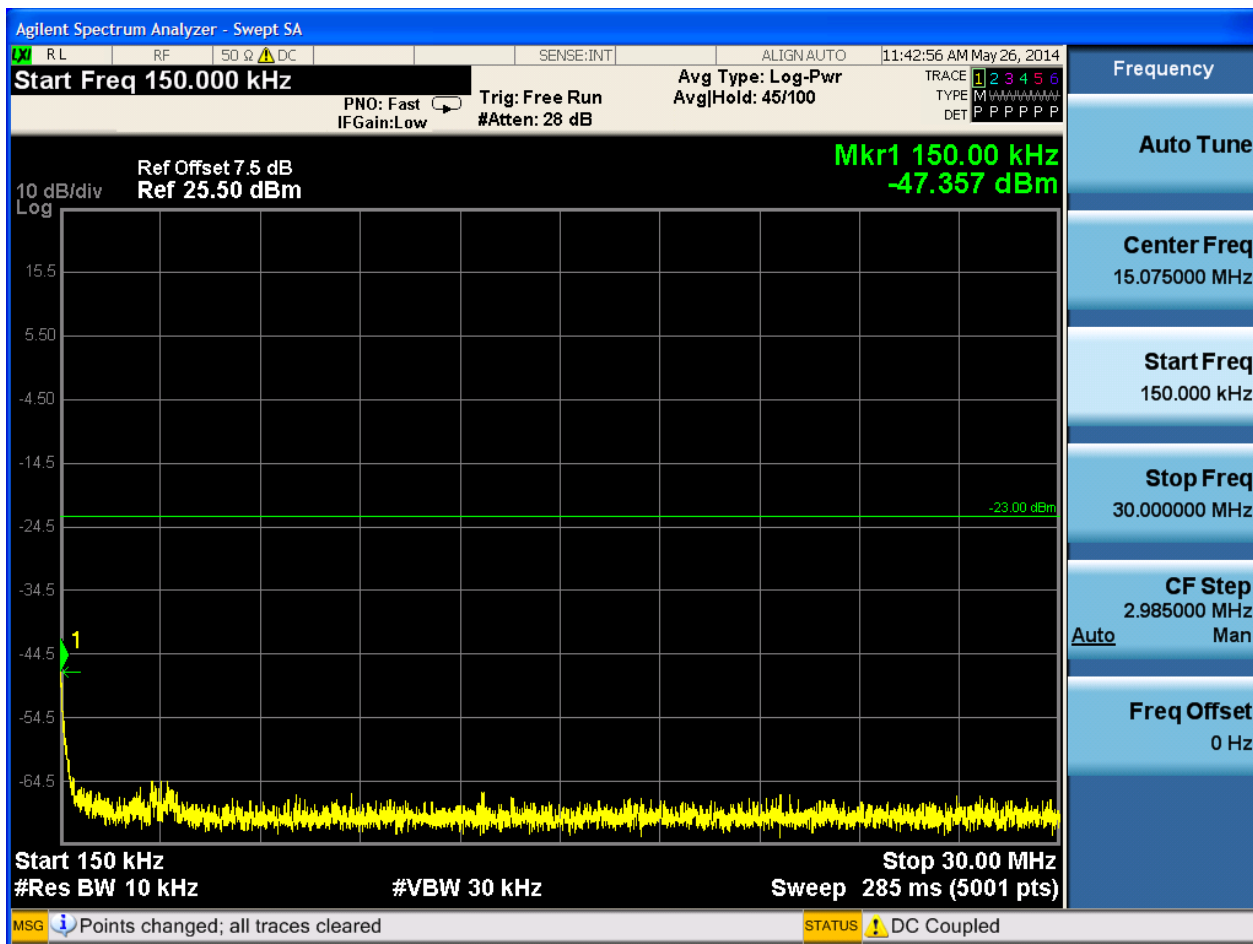


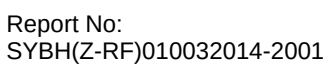
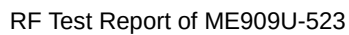


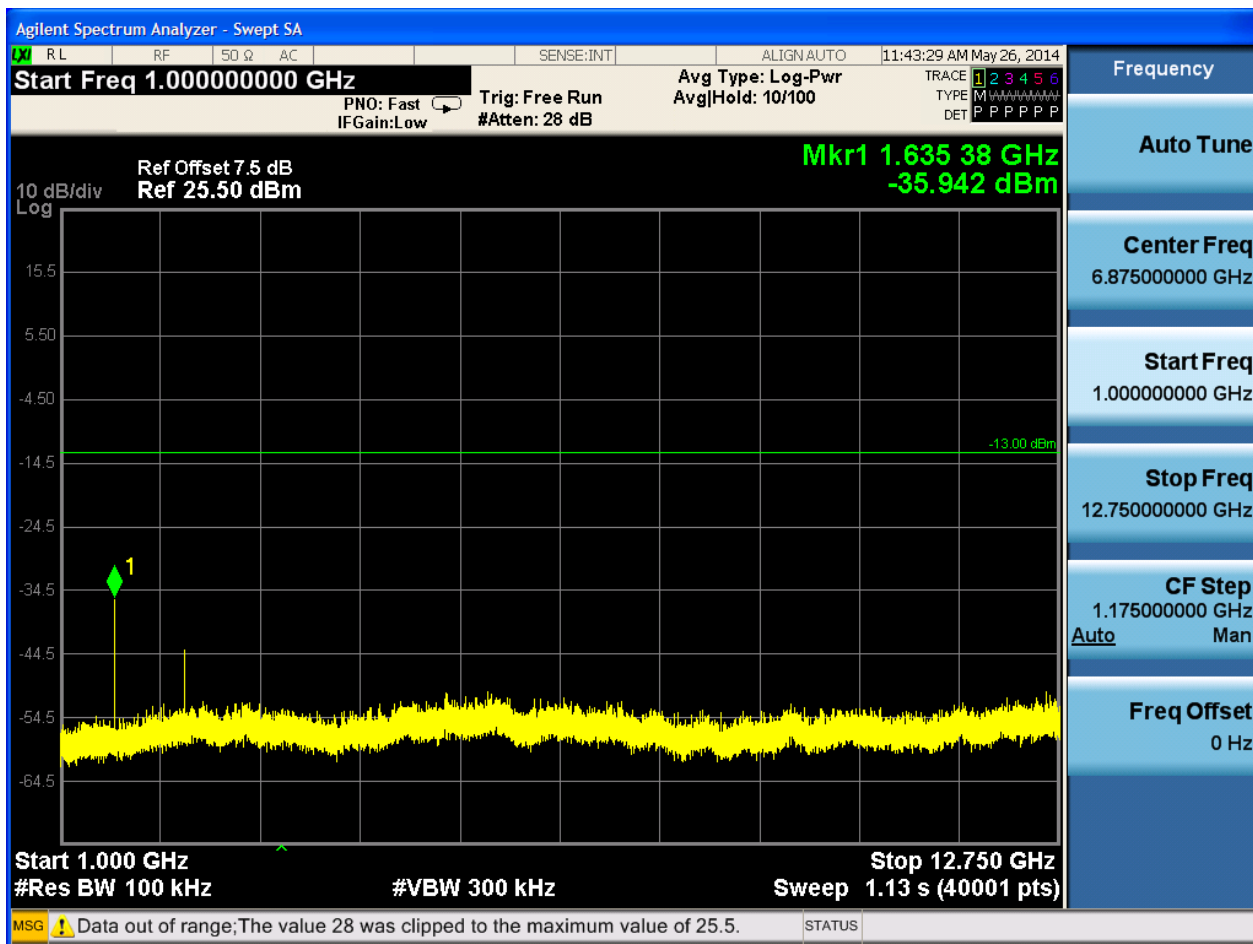
5.1.1.1.2.2 Test Channel = MCH

5.1.1.1.2.2.1 Test RB = RB1#0





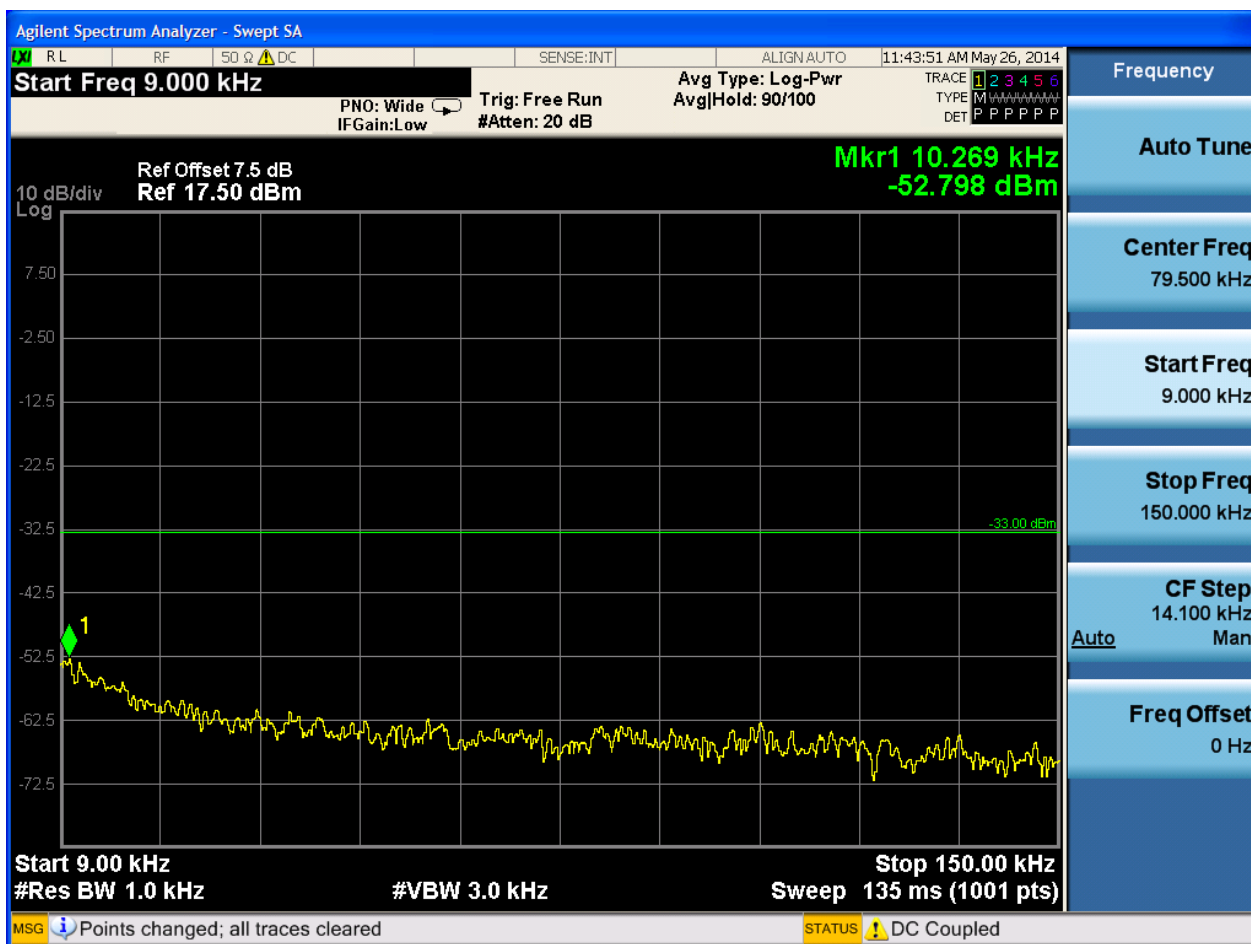




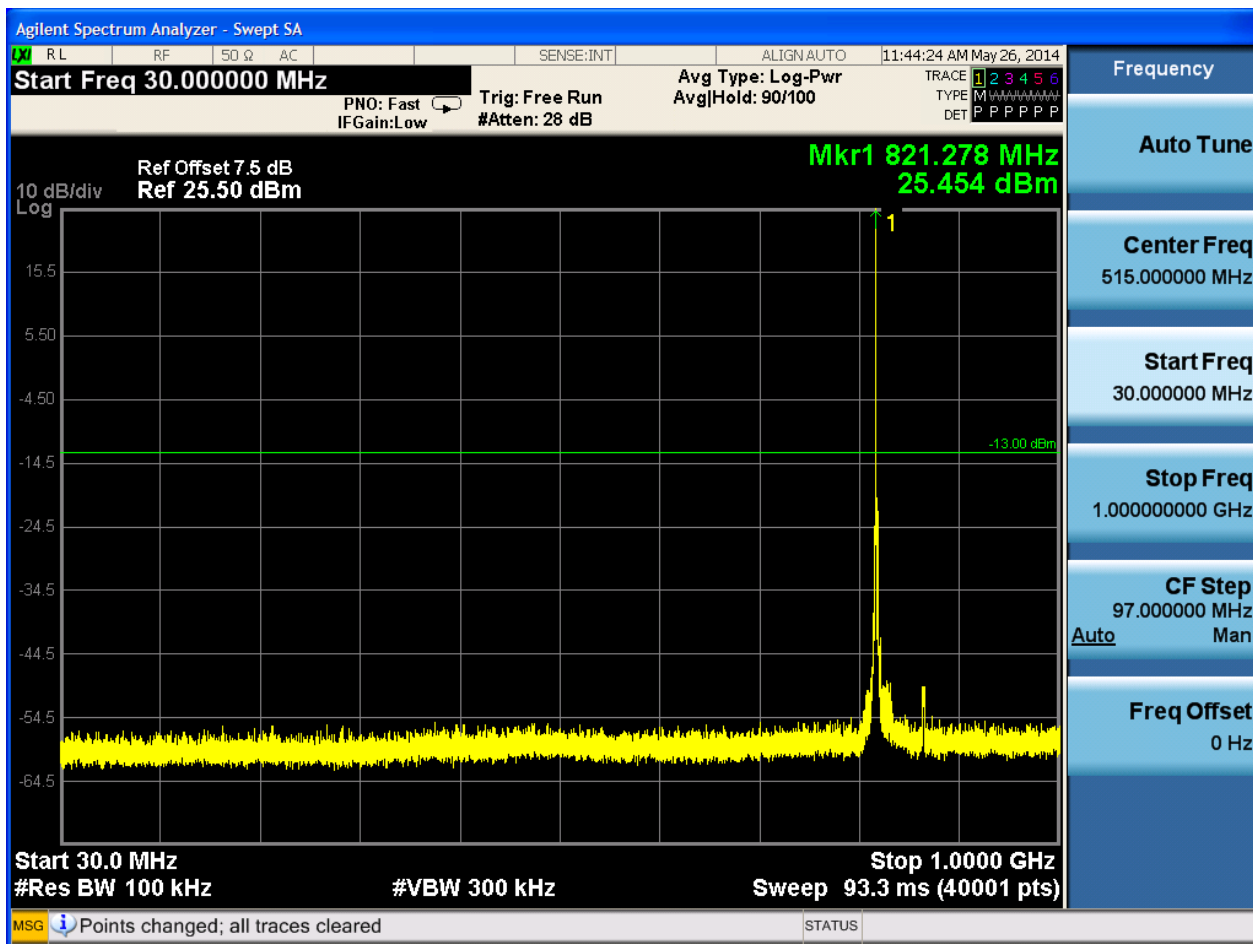


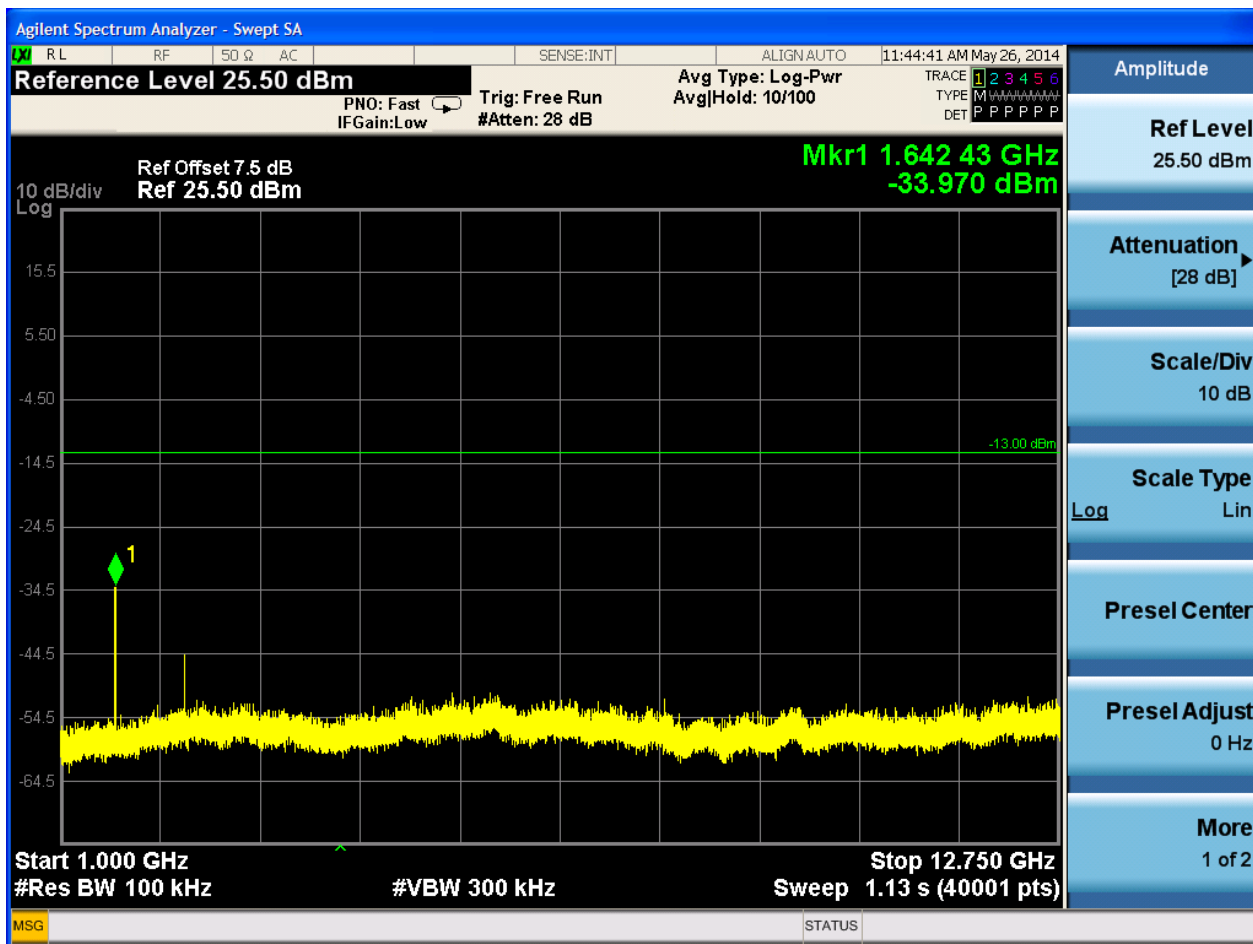
5.1.1.1.2.3 Test Channel = HCH

5.1.1.1.2.3.1 Test RB = RB1#0





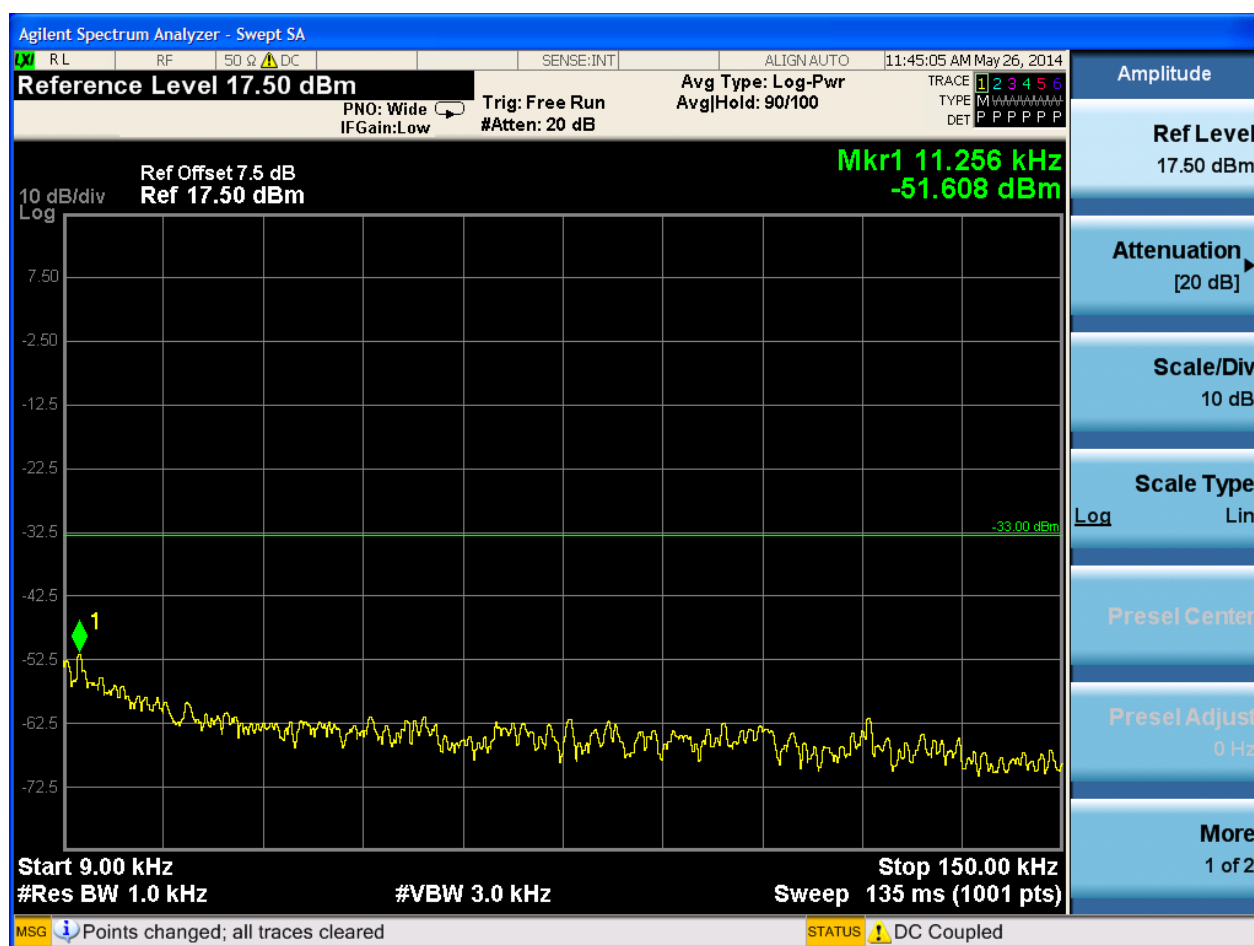


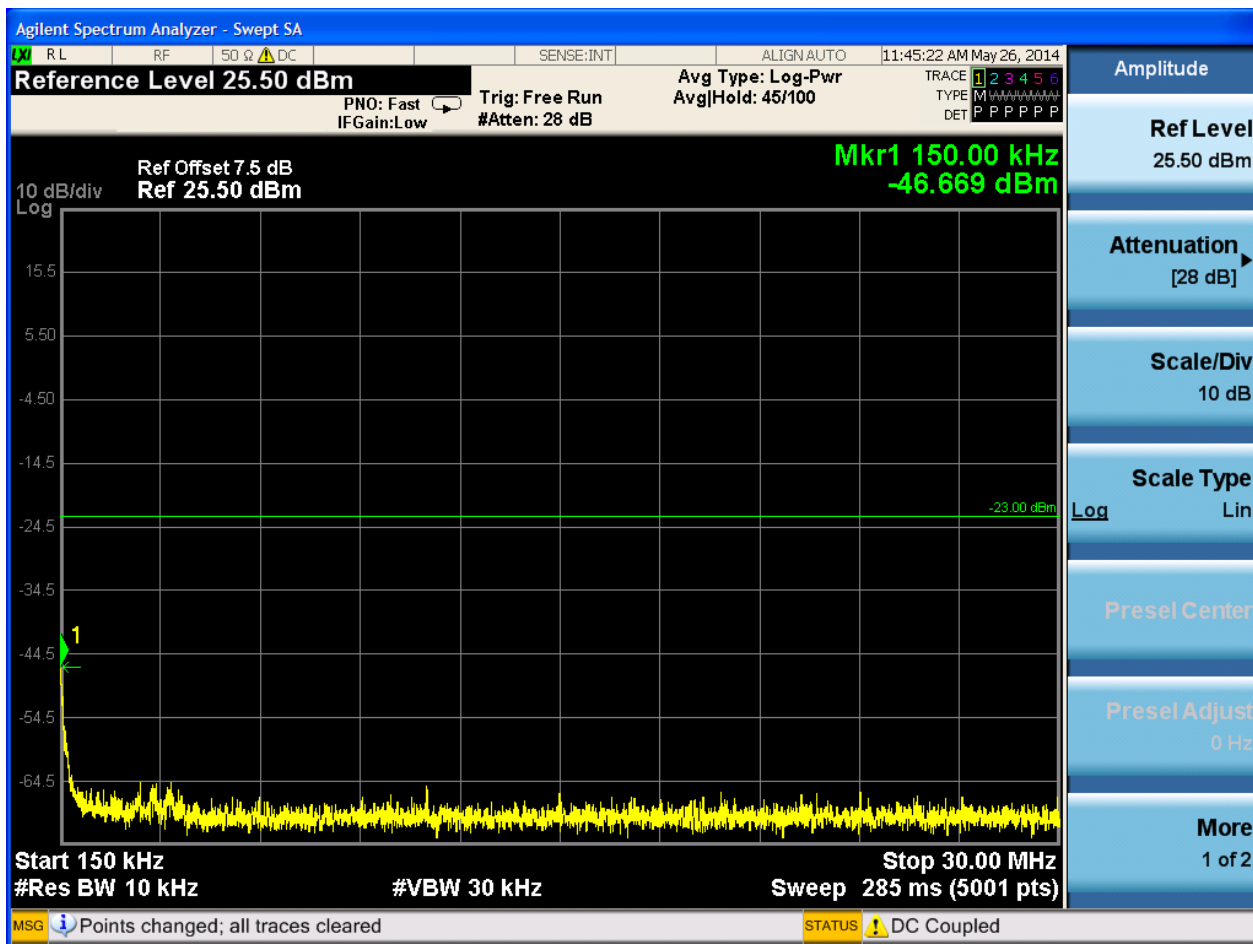


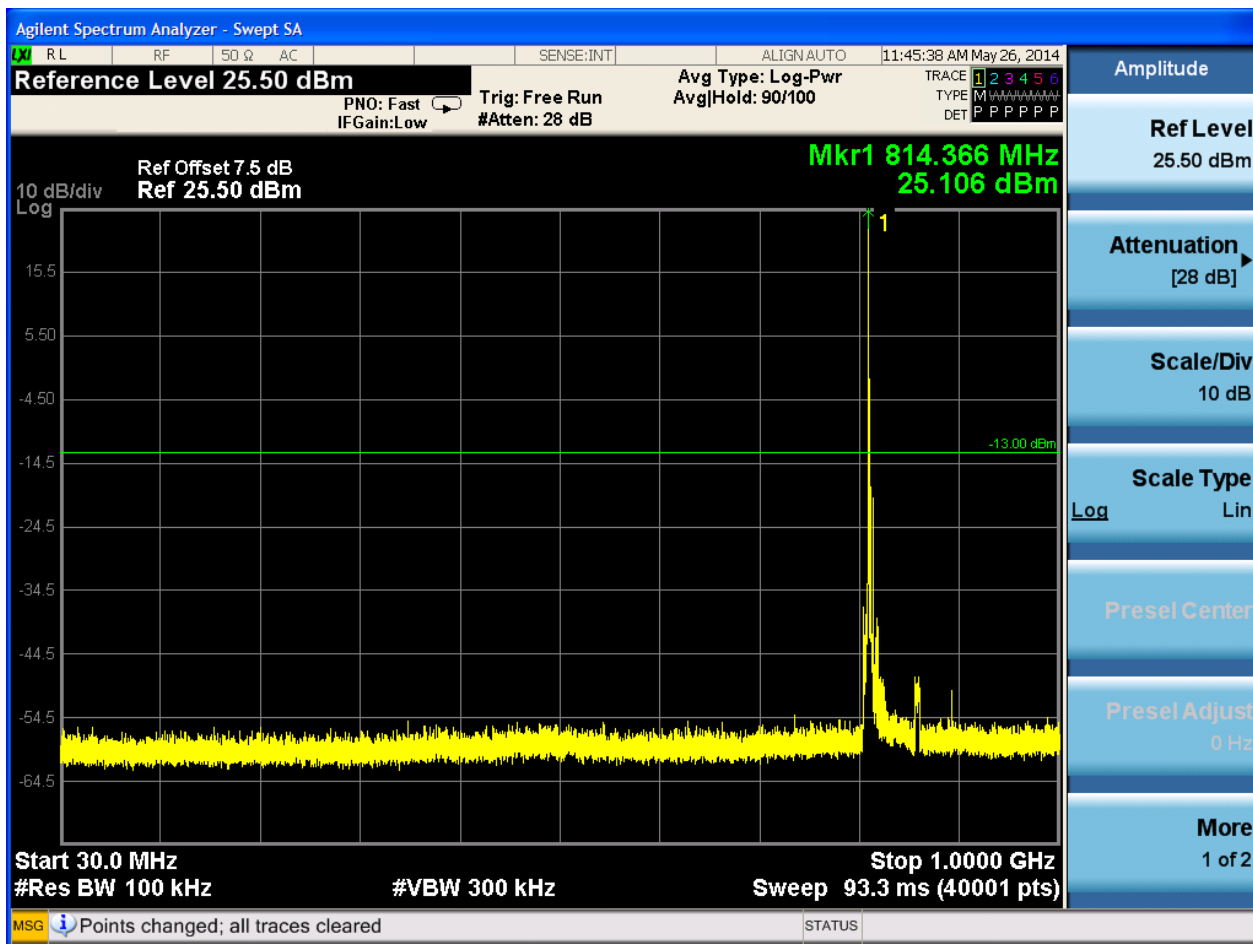
5.1.1.1.3 Test Bandwidth = 5

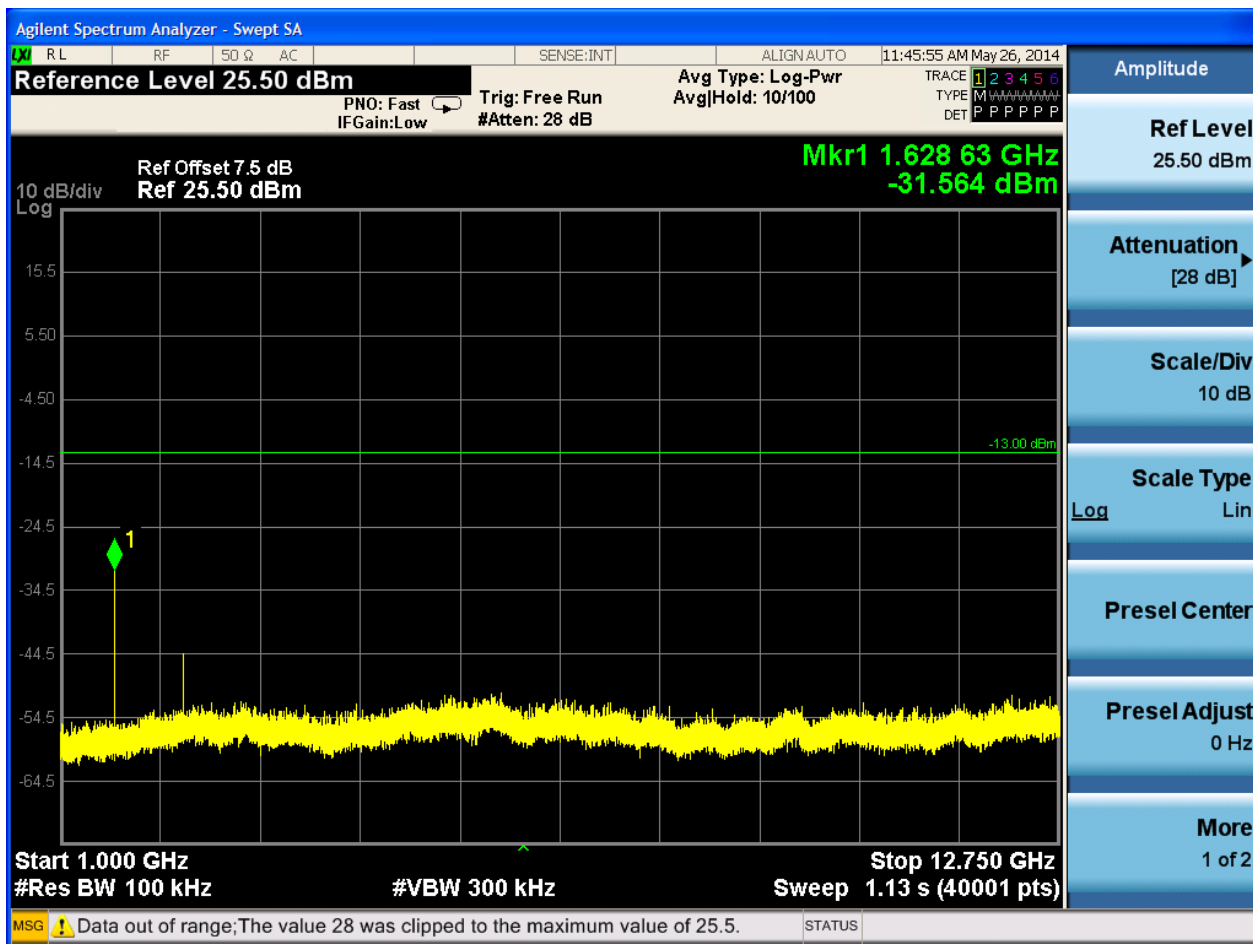
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





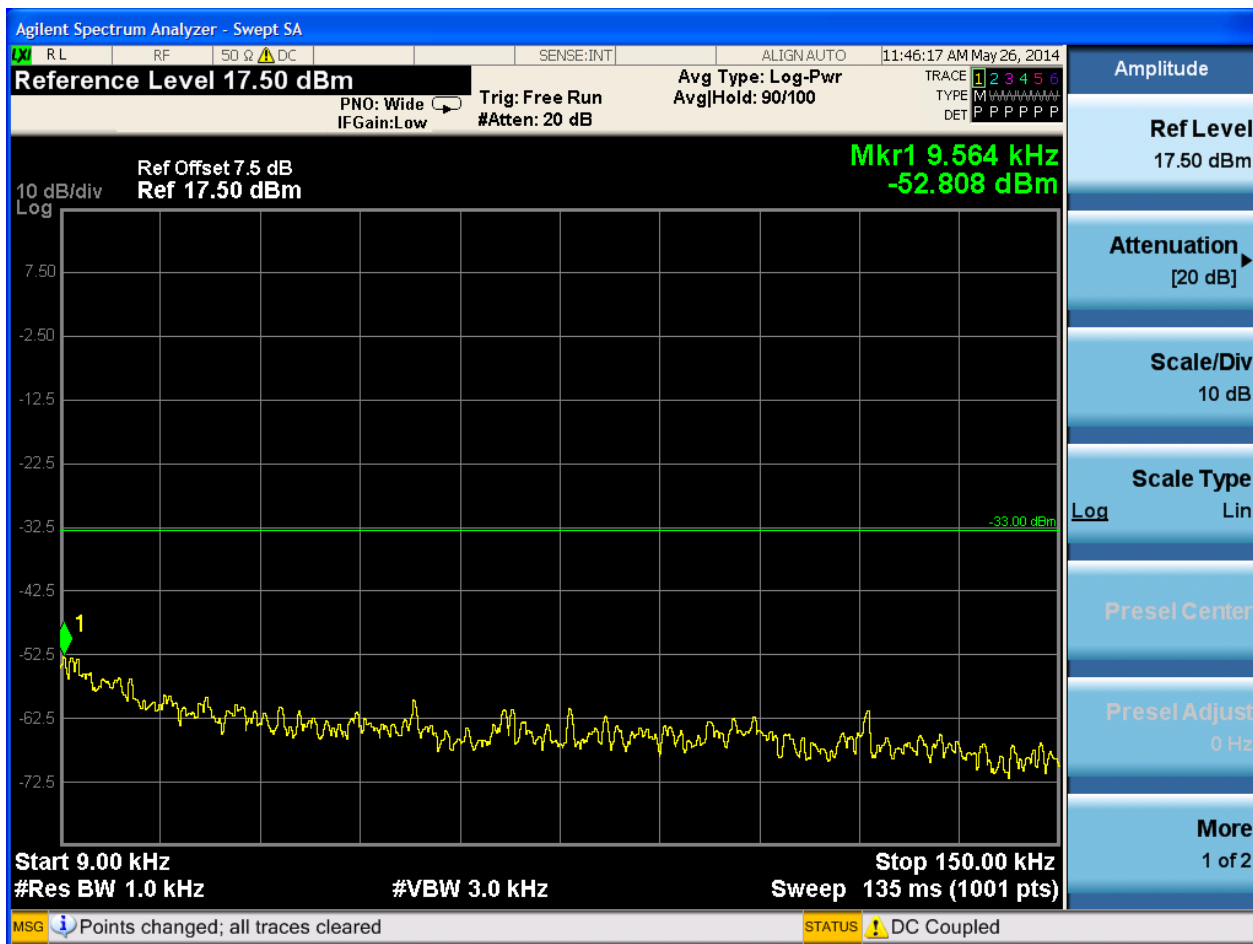


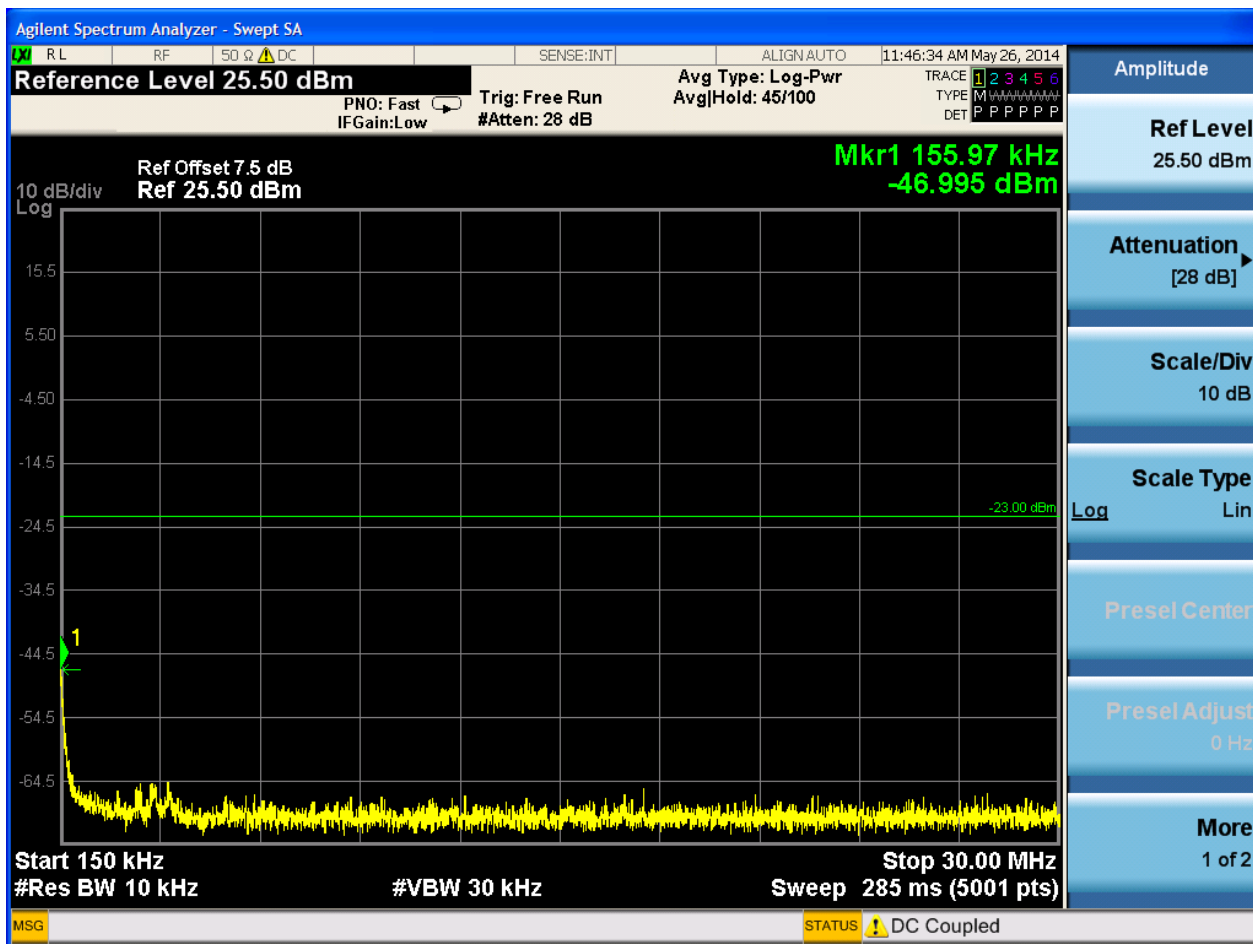


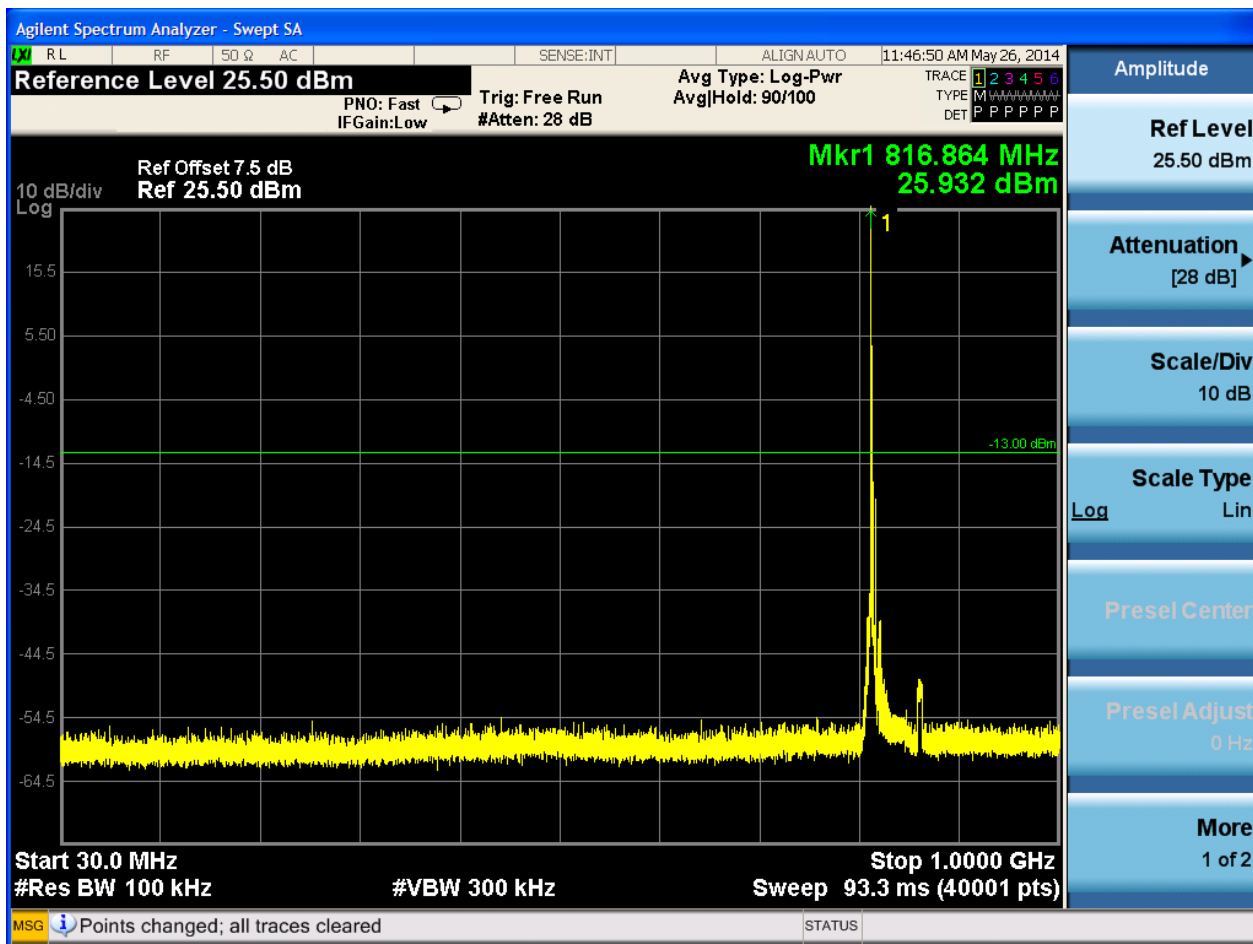


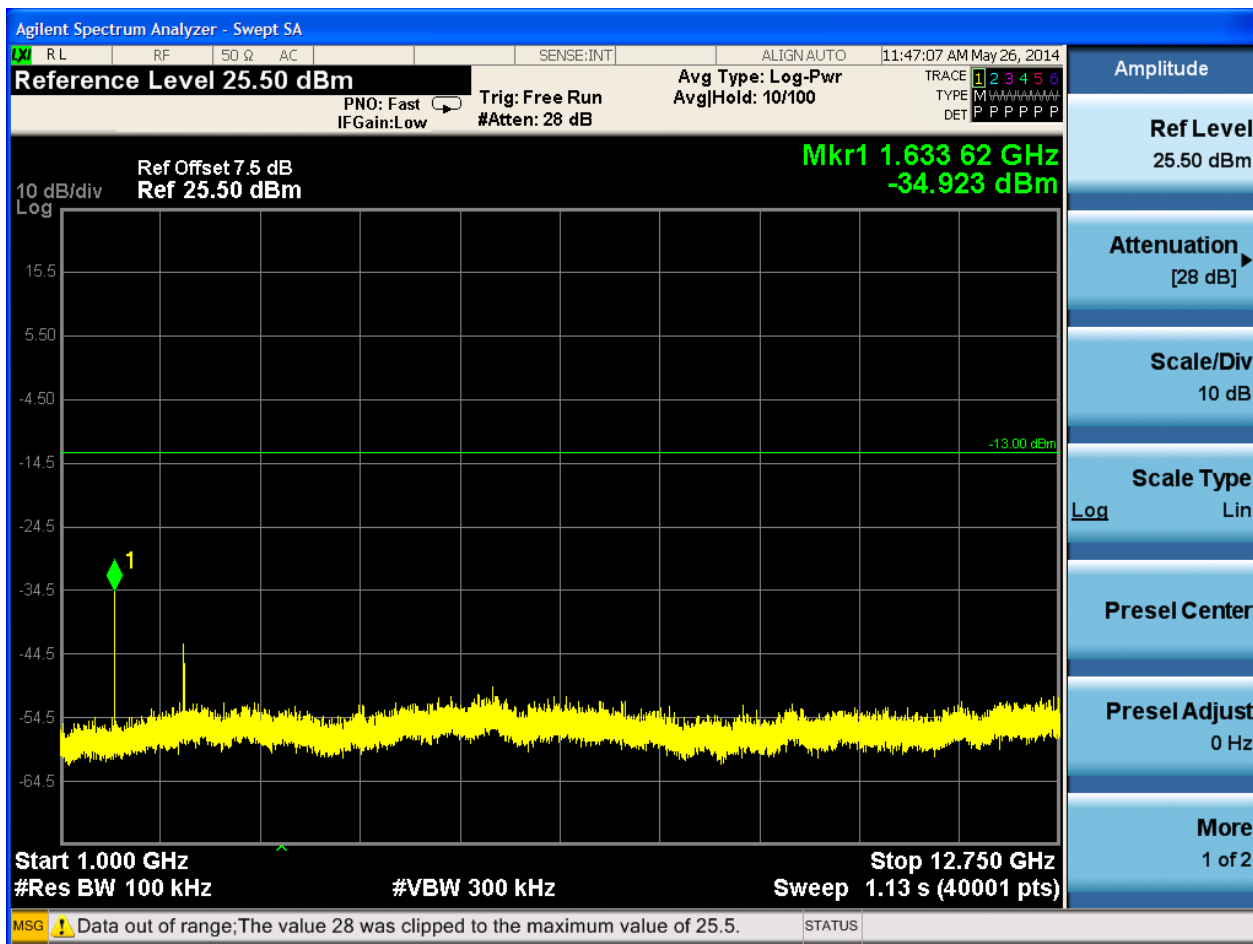
5.1.1.1.3.2 Test Channel = MCH

5.1.1.1.3.2.1 Test RB = RB1#0





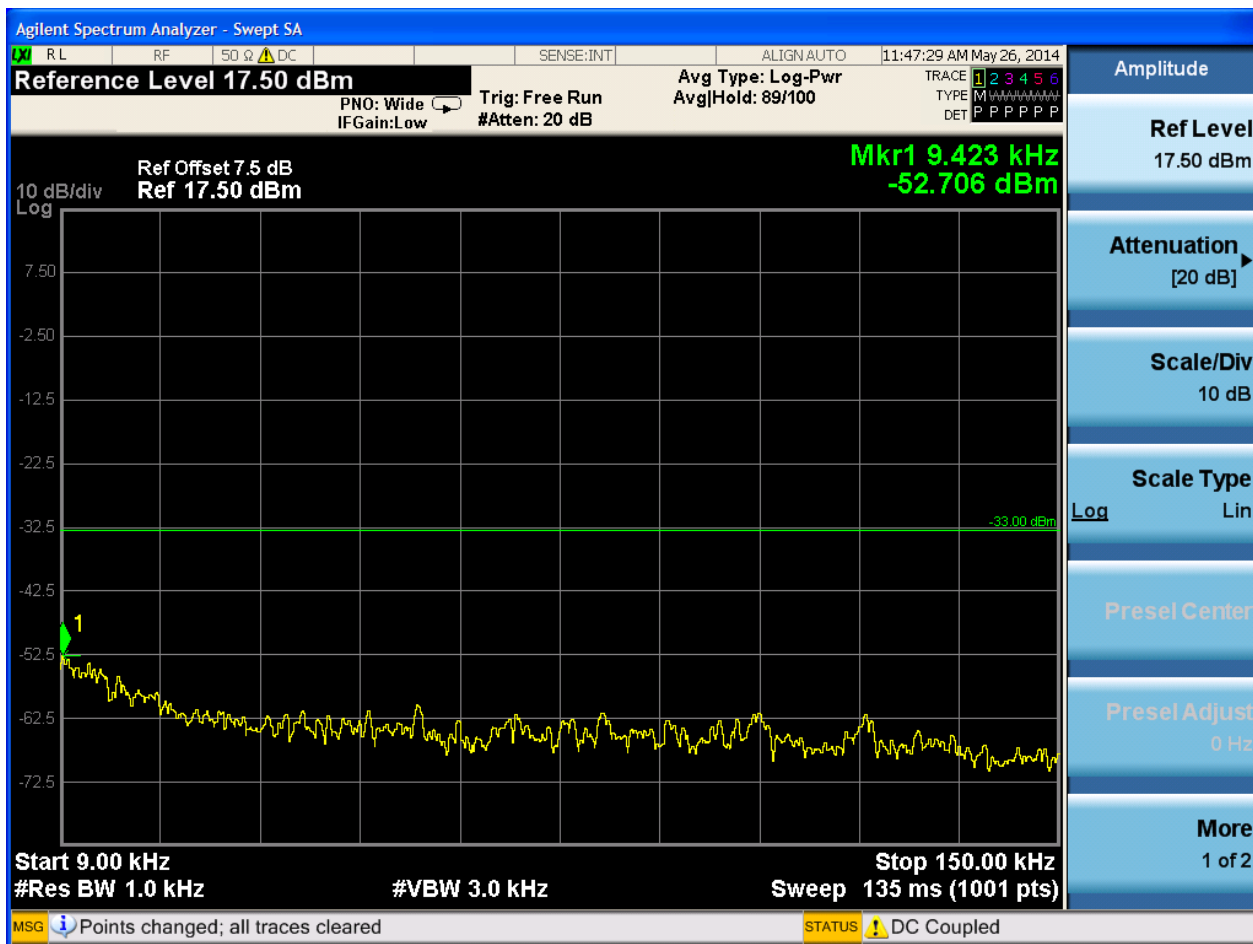




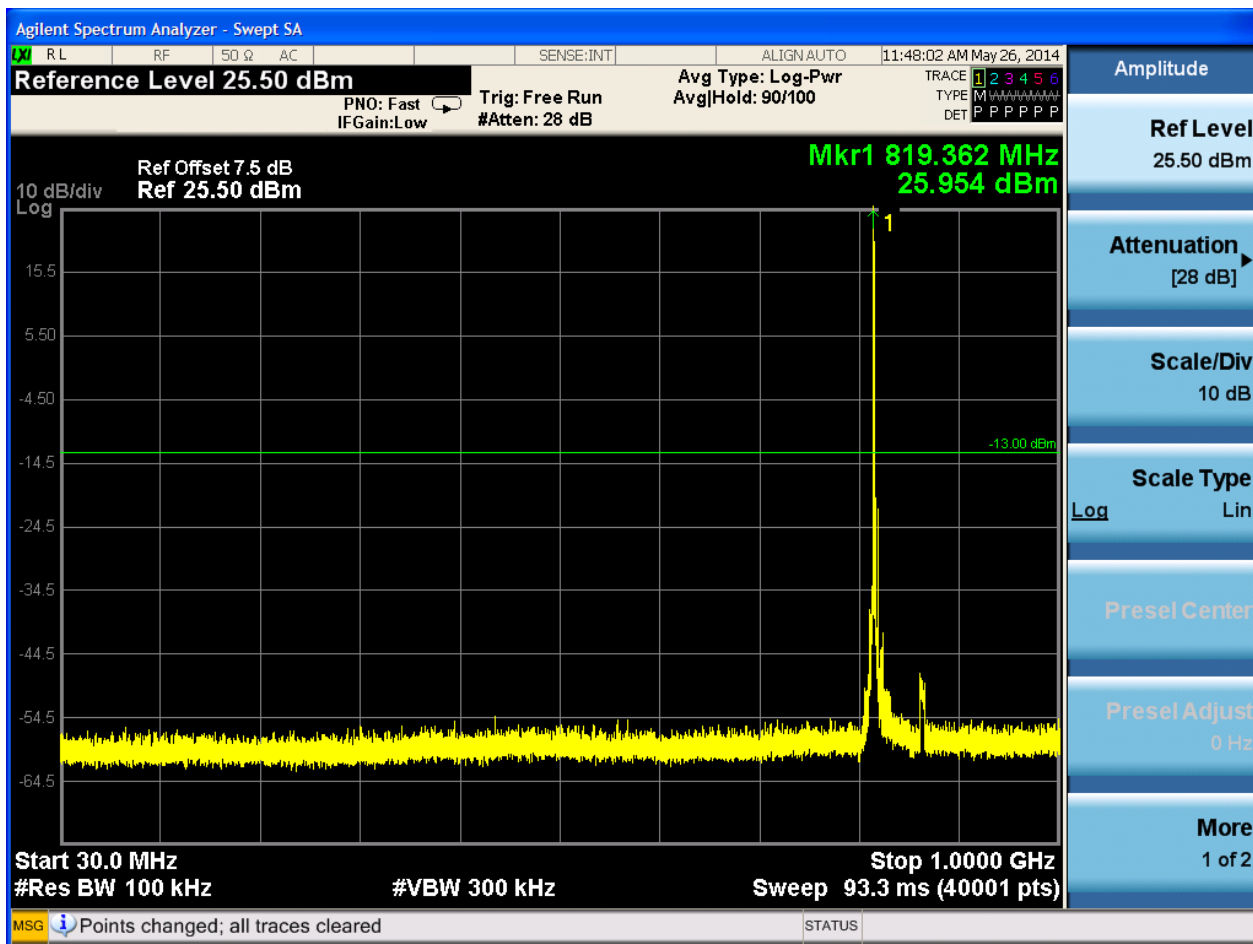


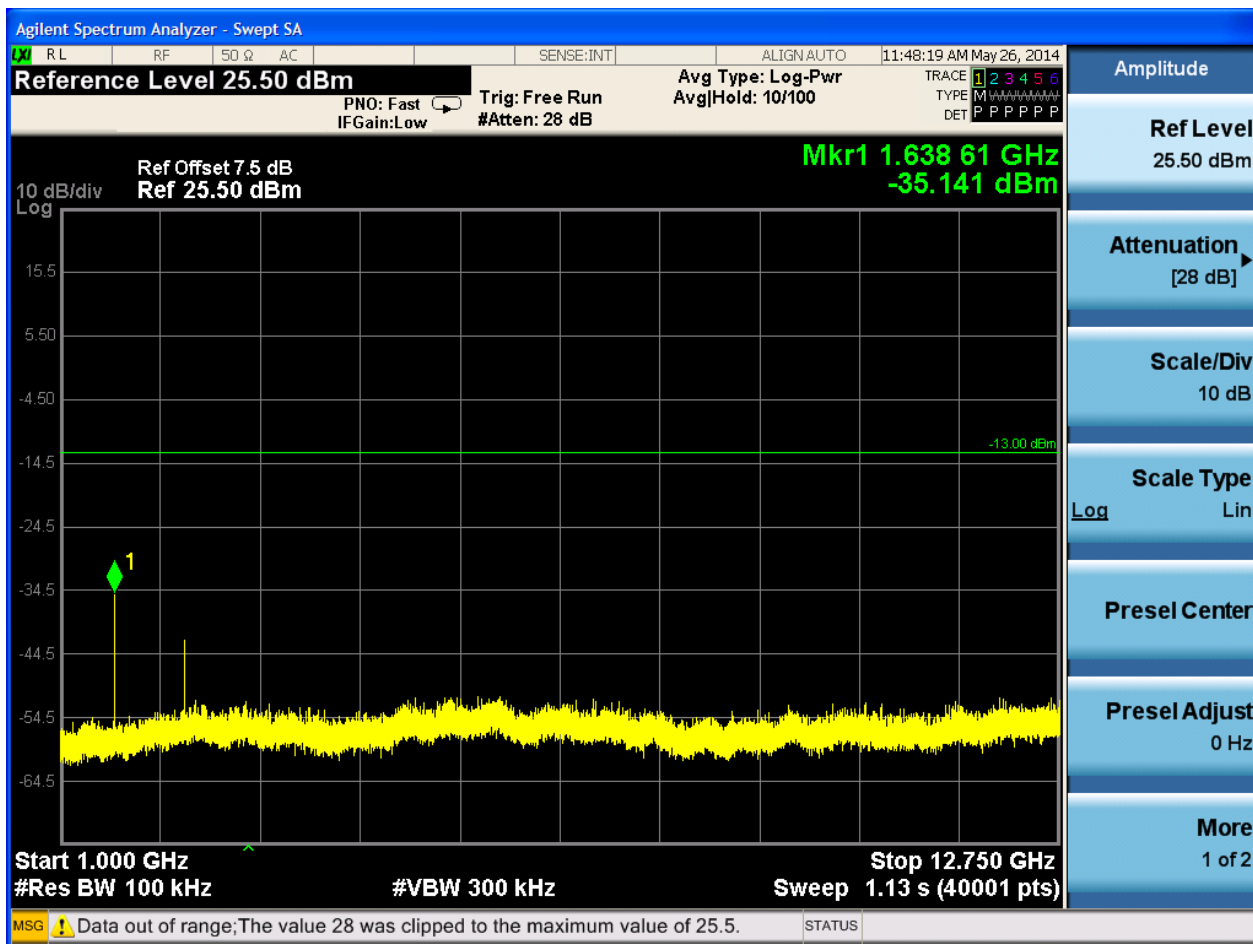
5.1.1.1.3.3 Test Channel = HCH

5.1.1.1.3.3.1 Test RB = RB1#0







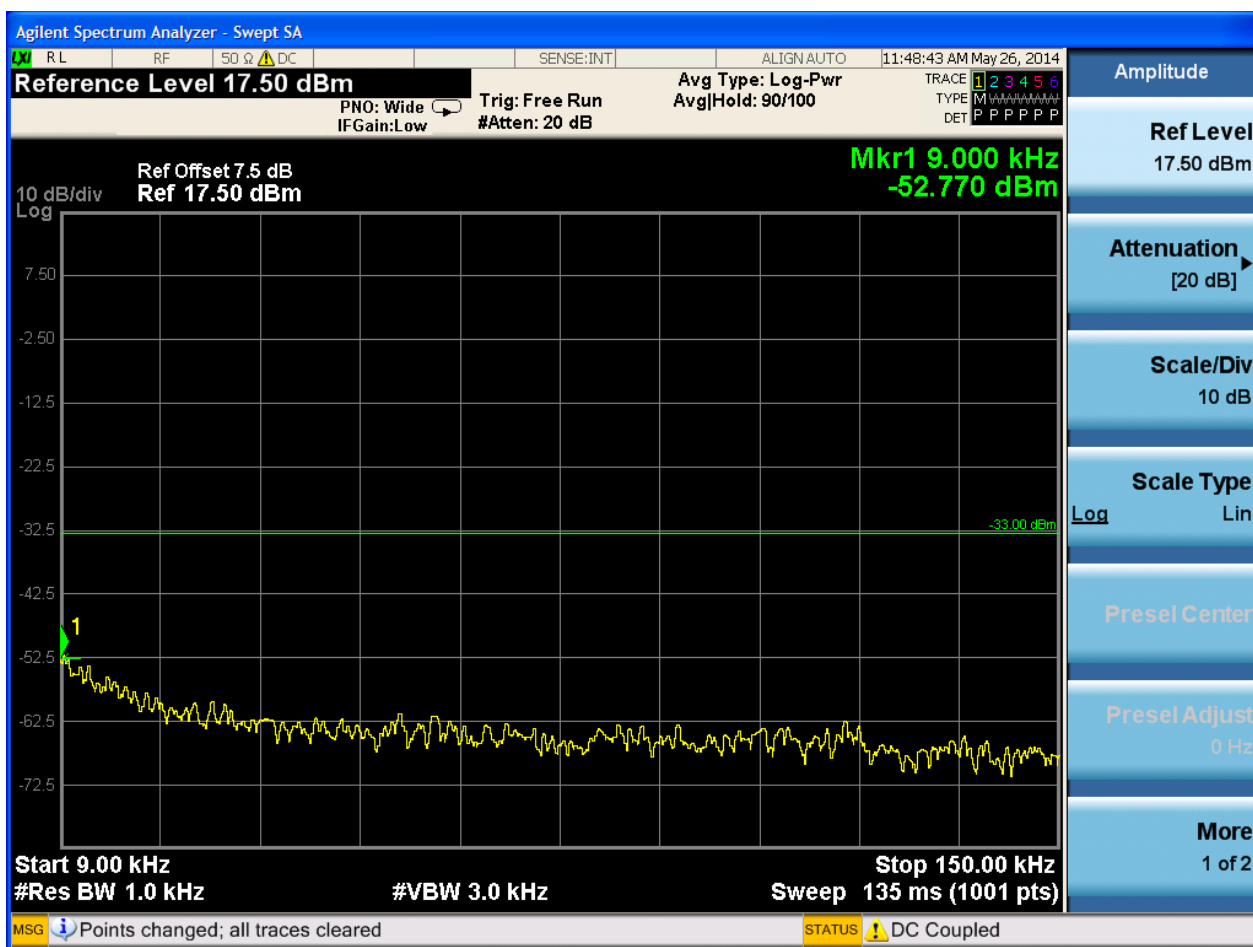


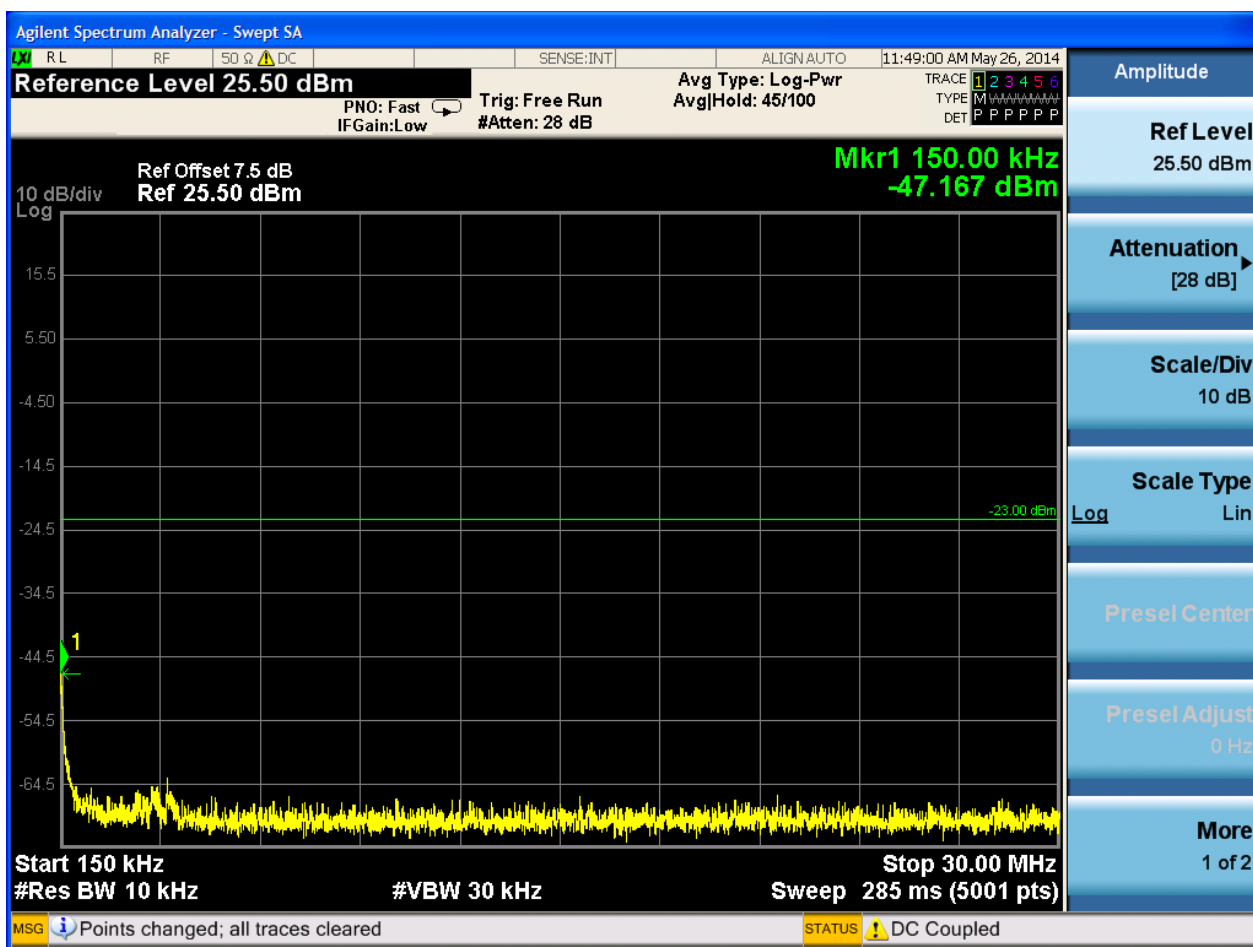


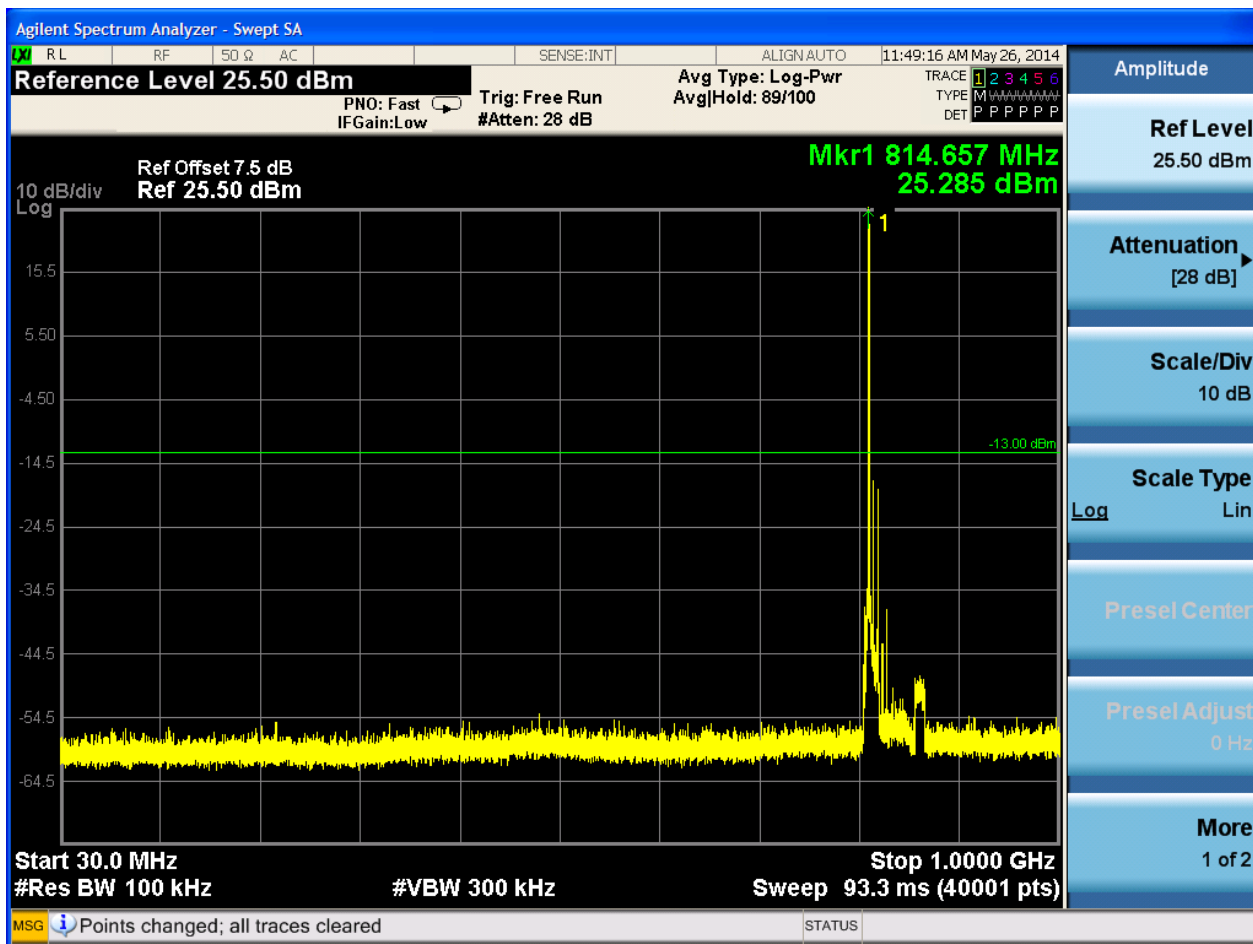
5.1.1.1.4 Test Bandwidth = 10

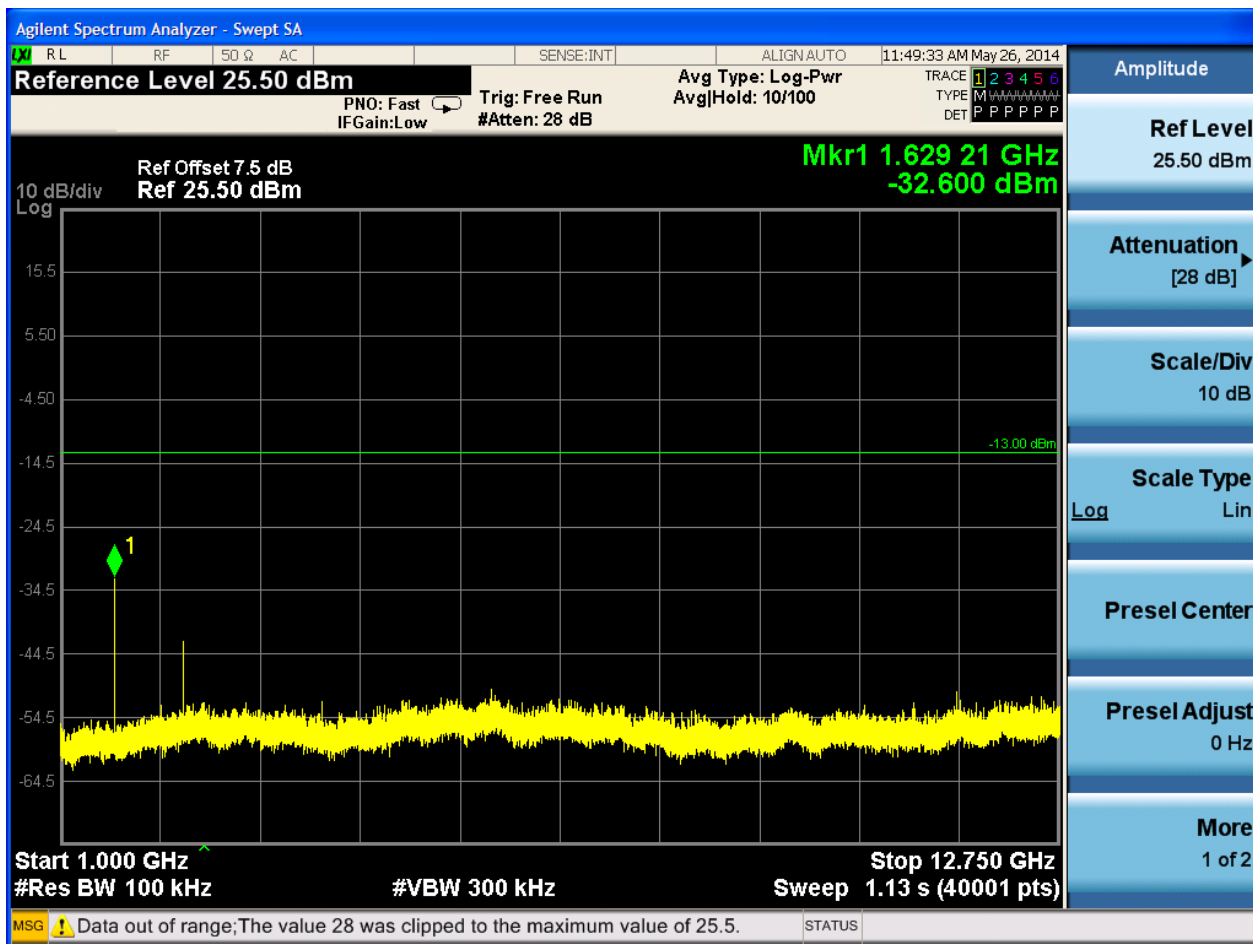
5.1.1.1.4.1 Test Channel = LCH/MCH/HCH

5.1.1.1.4.1.1 Test RB = RB1#0







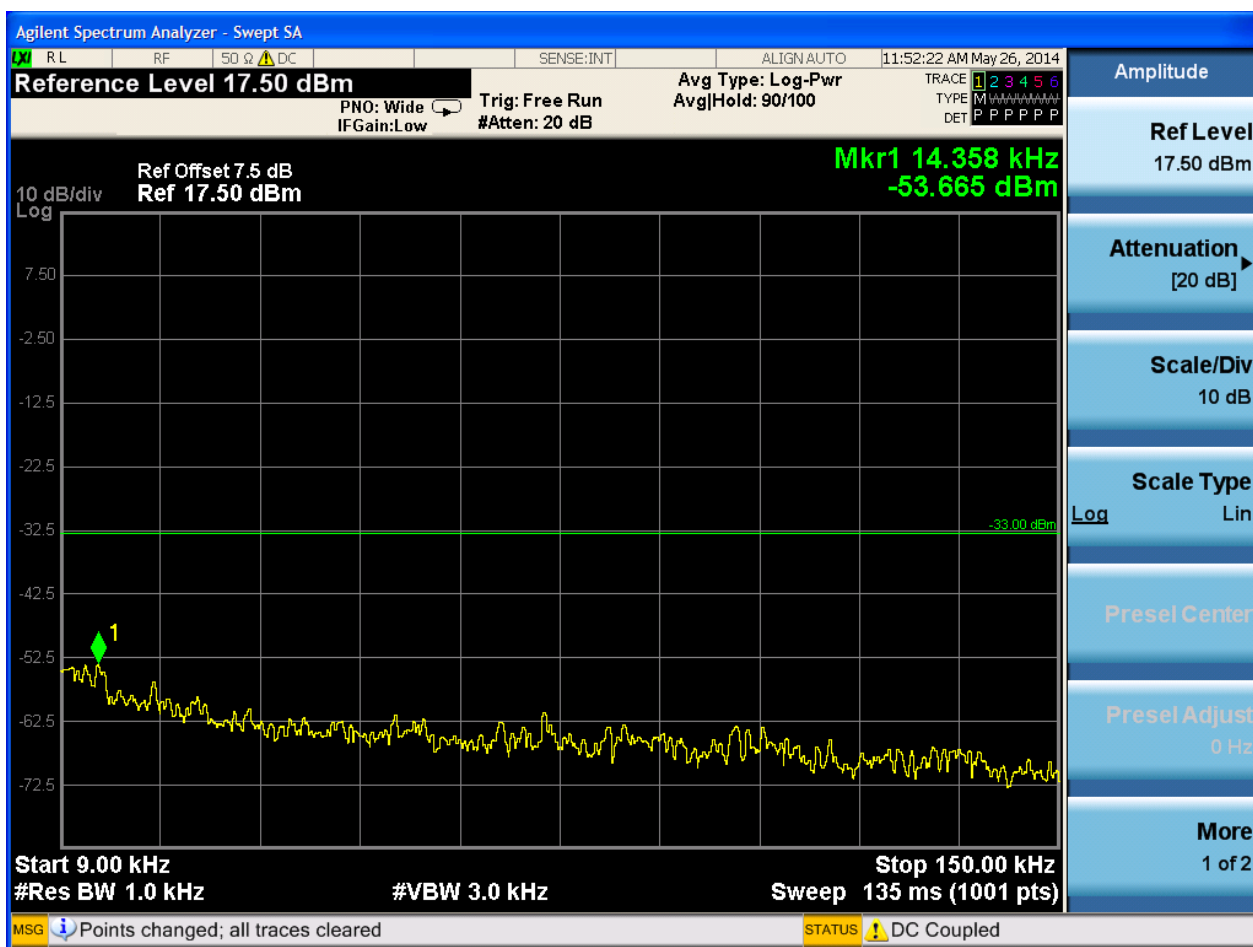


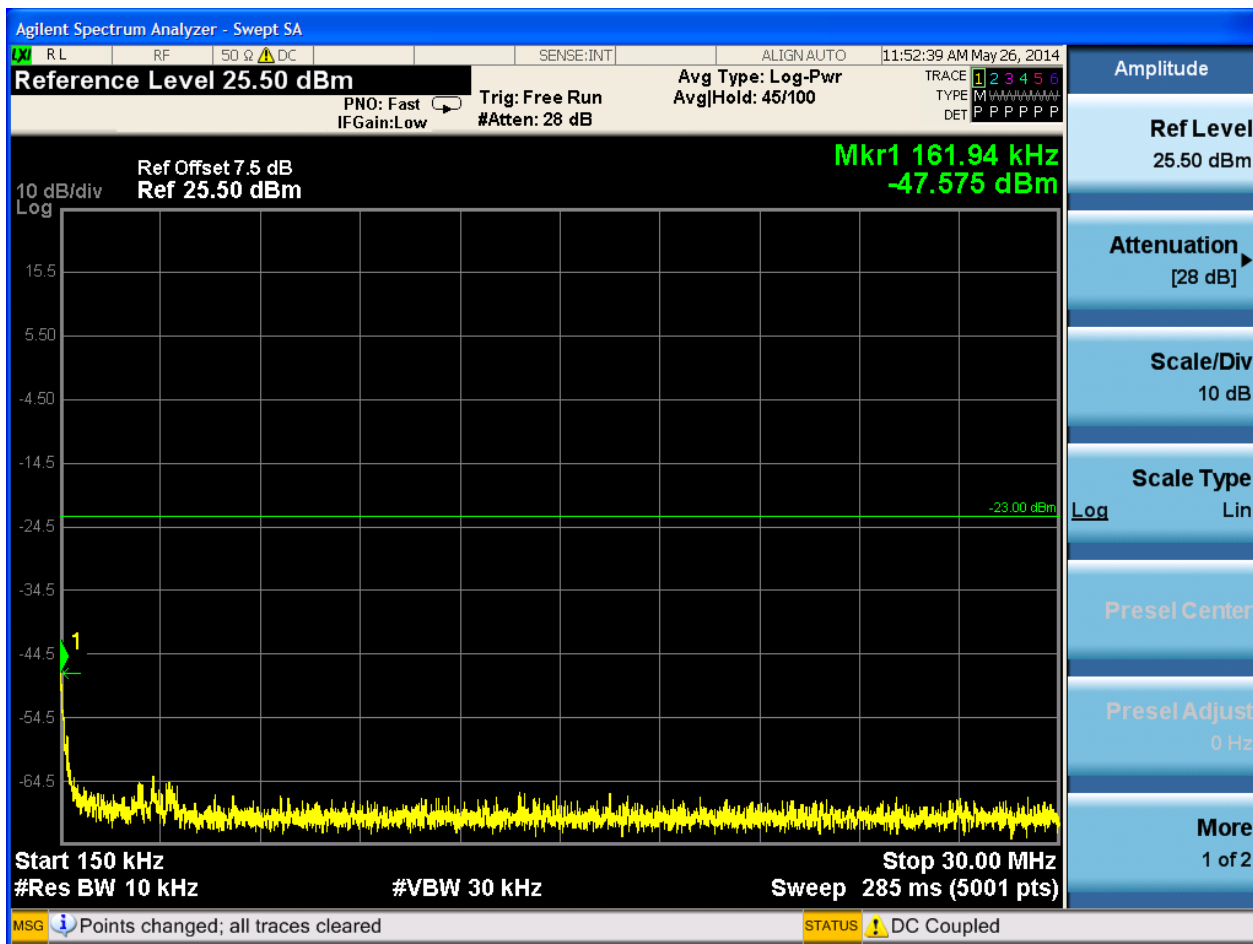
5.1.1.2 Test Mode = LTE/TM2

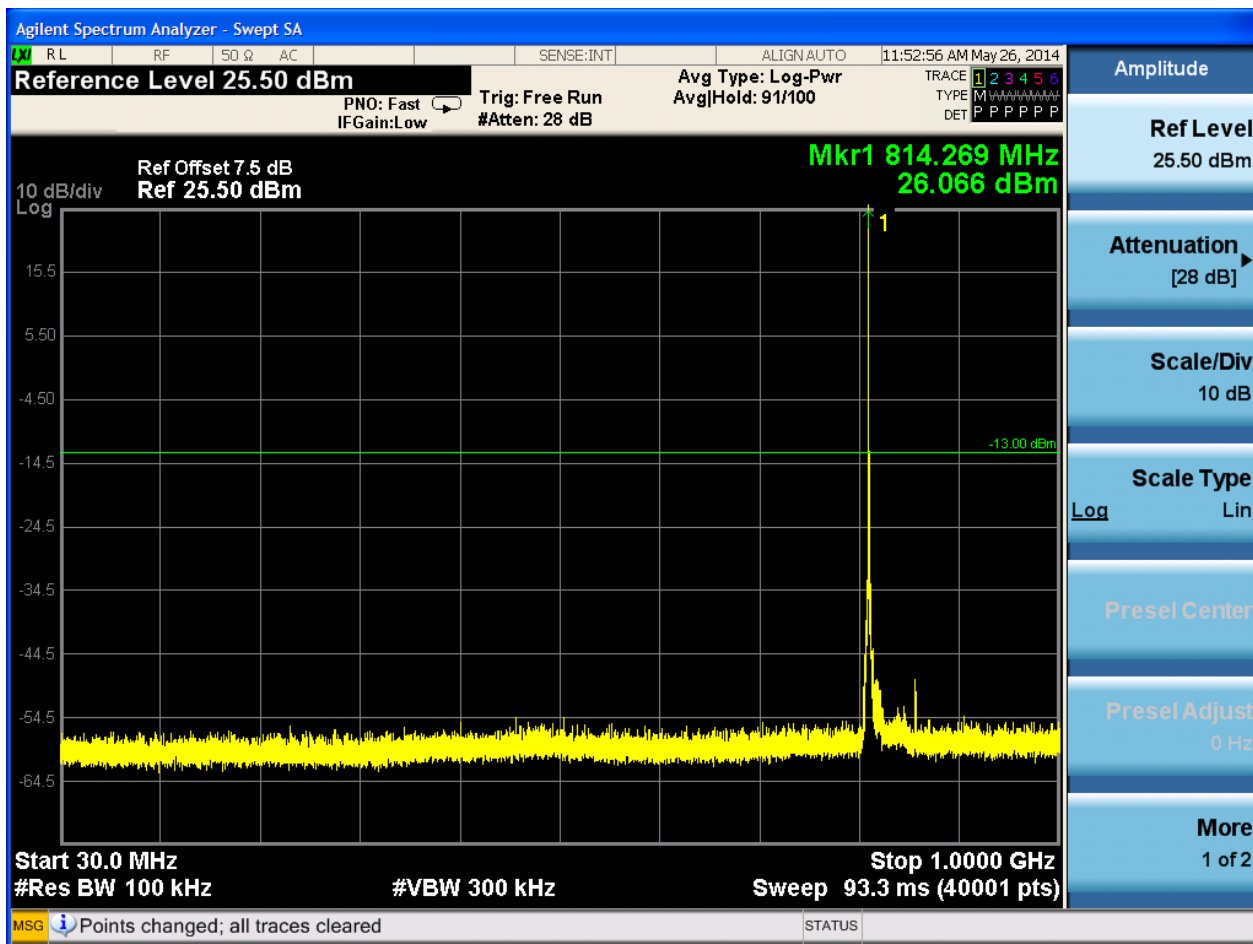
5.1.1.2.1 Test Bandwidth = 1.4

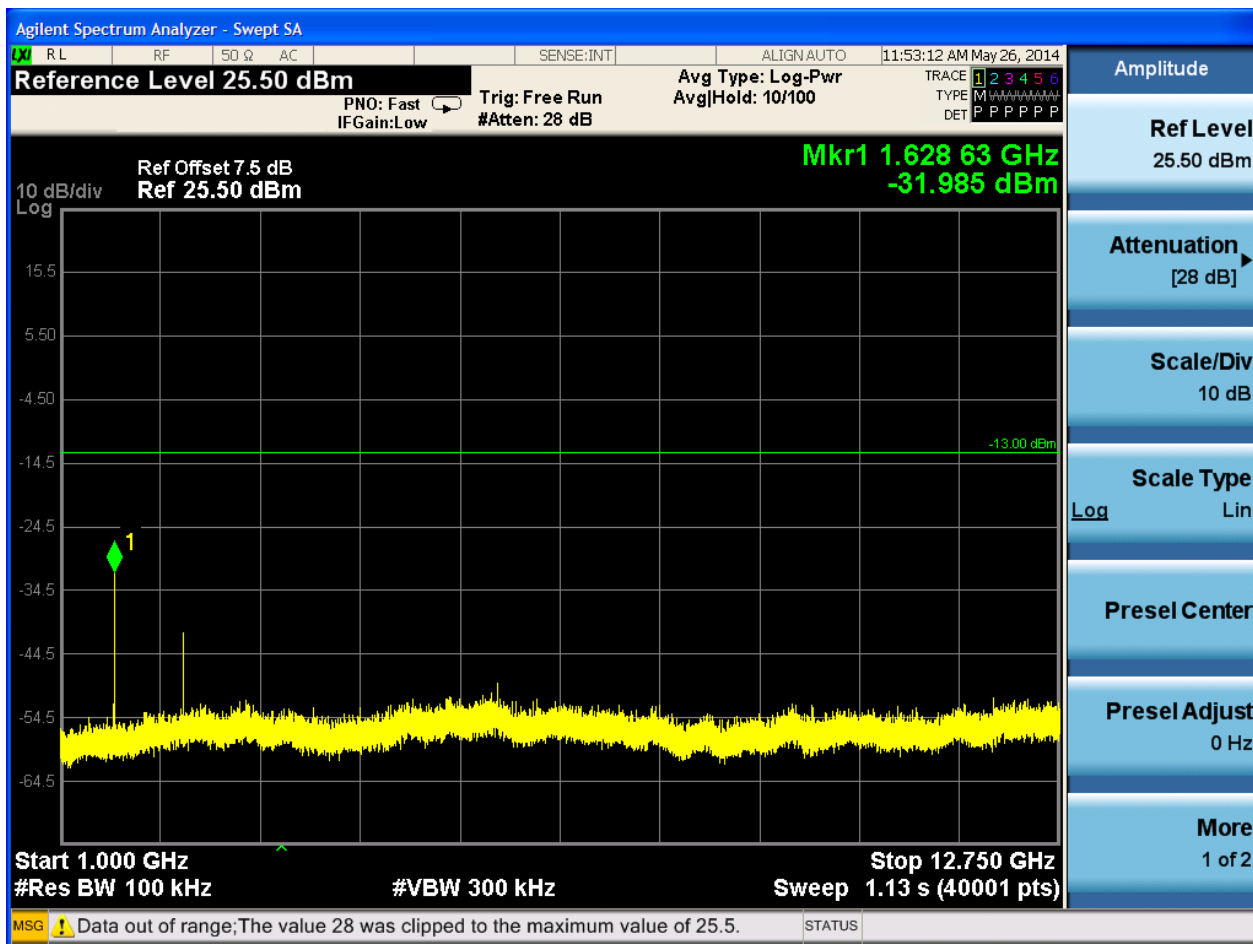
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





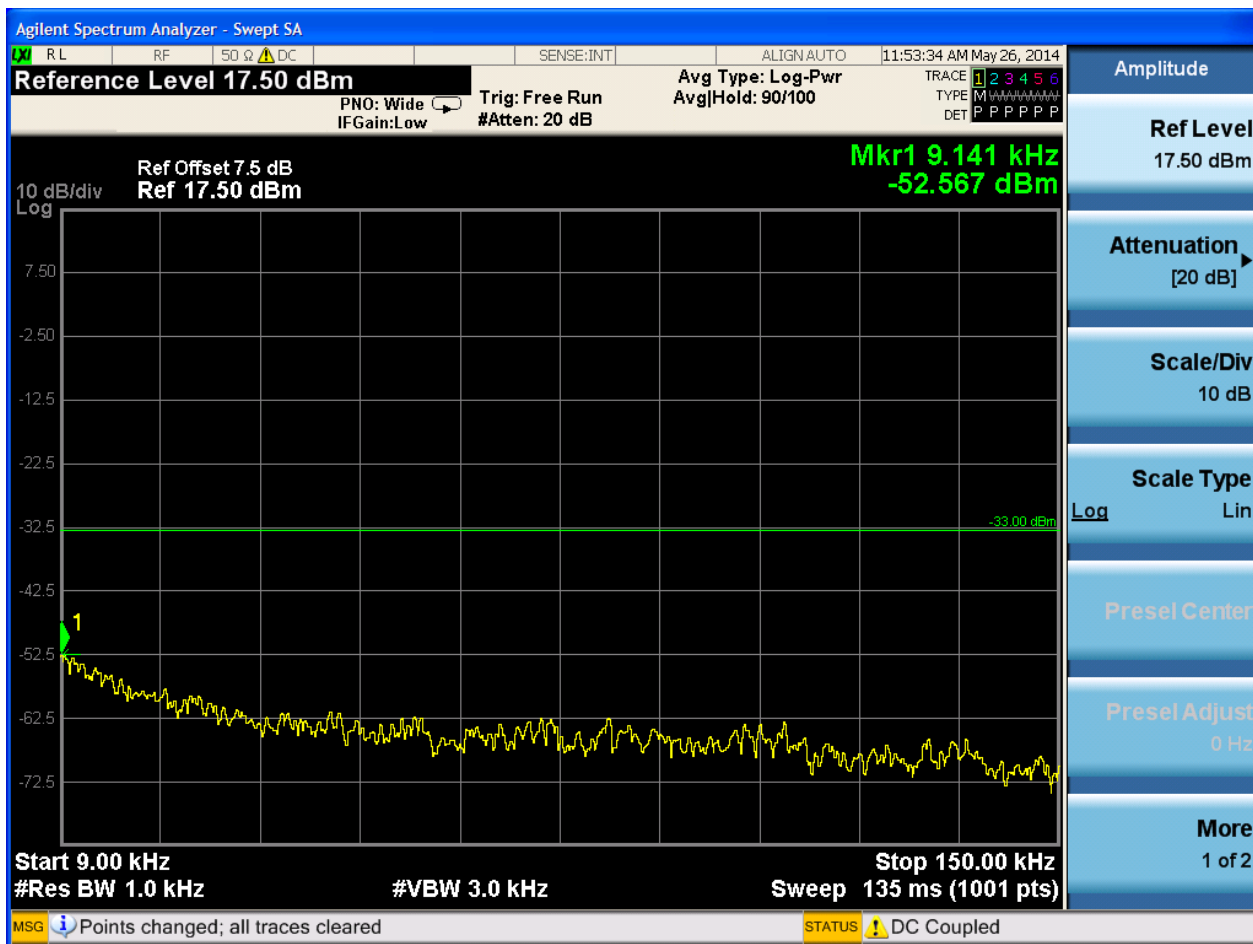


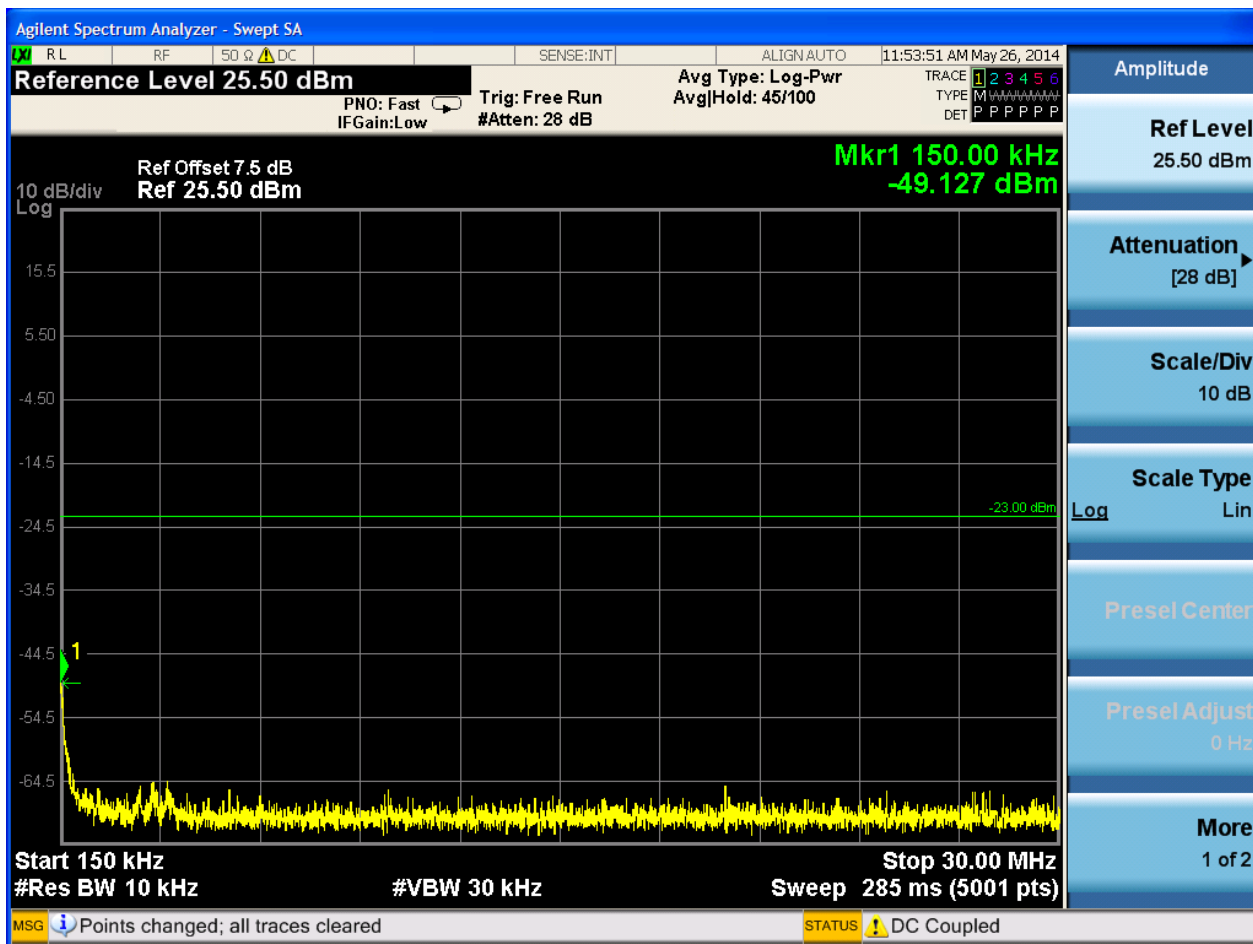


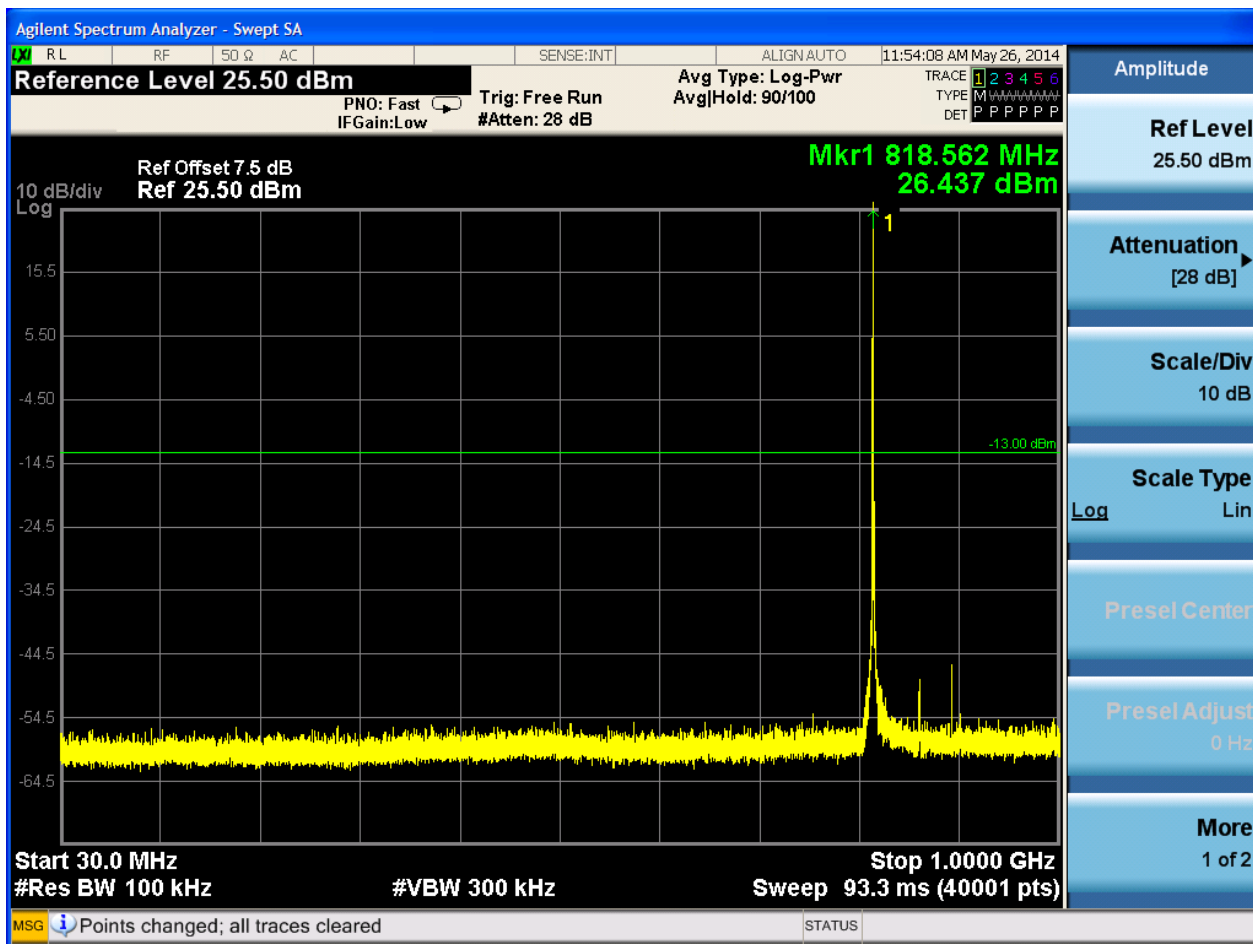


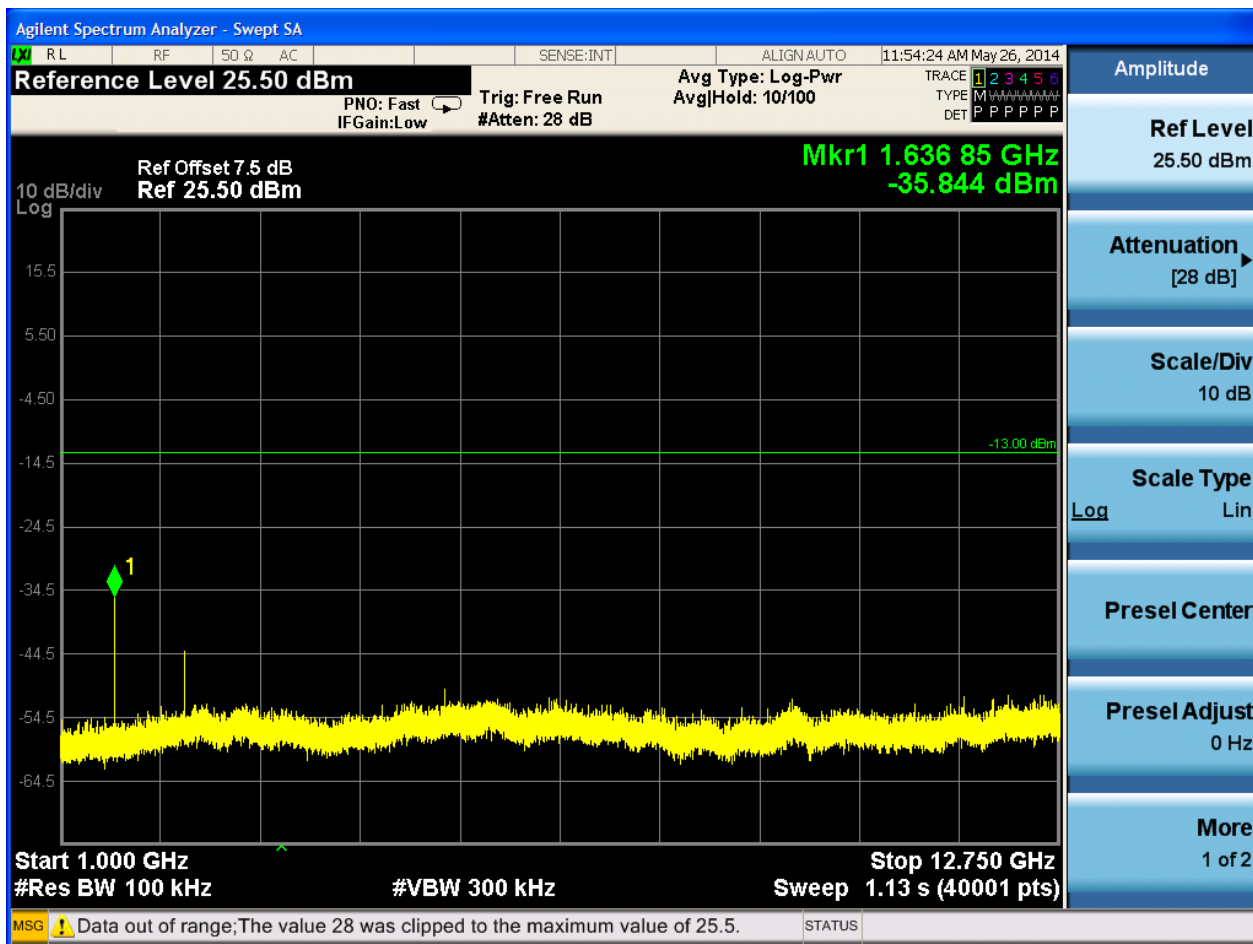
5.1.1.2.1.2 Test Channel = MCH

5.1.1.2.1.2.1 Test RB = RB1#0





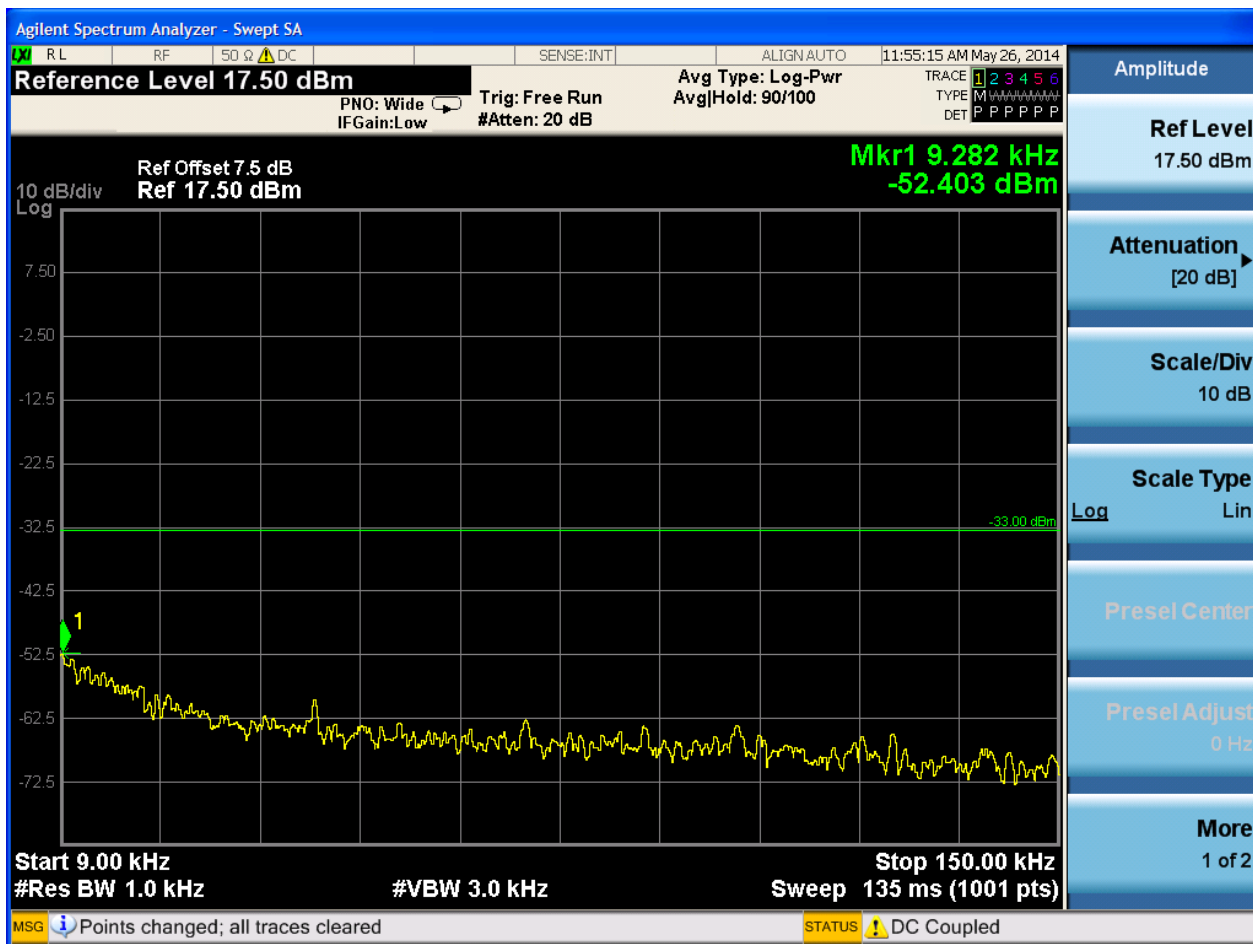


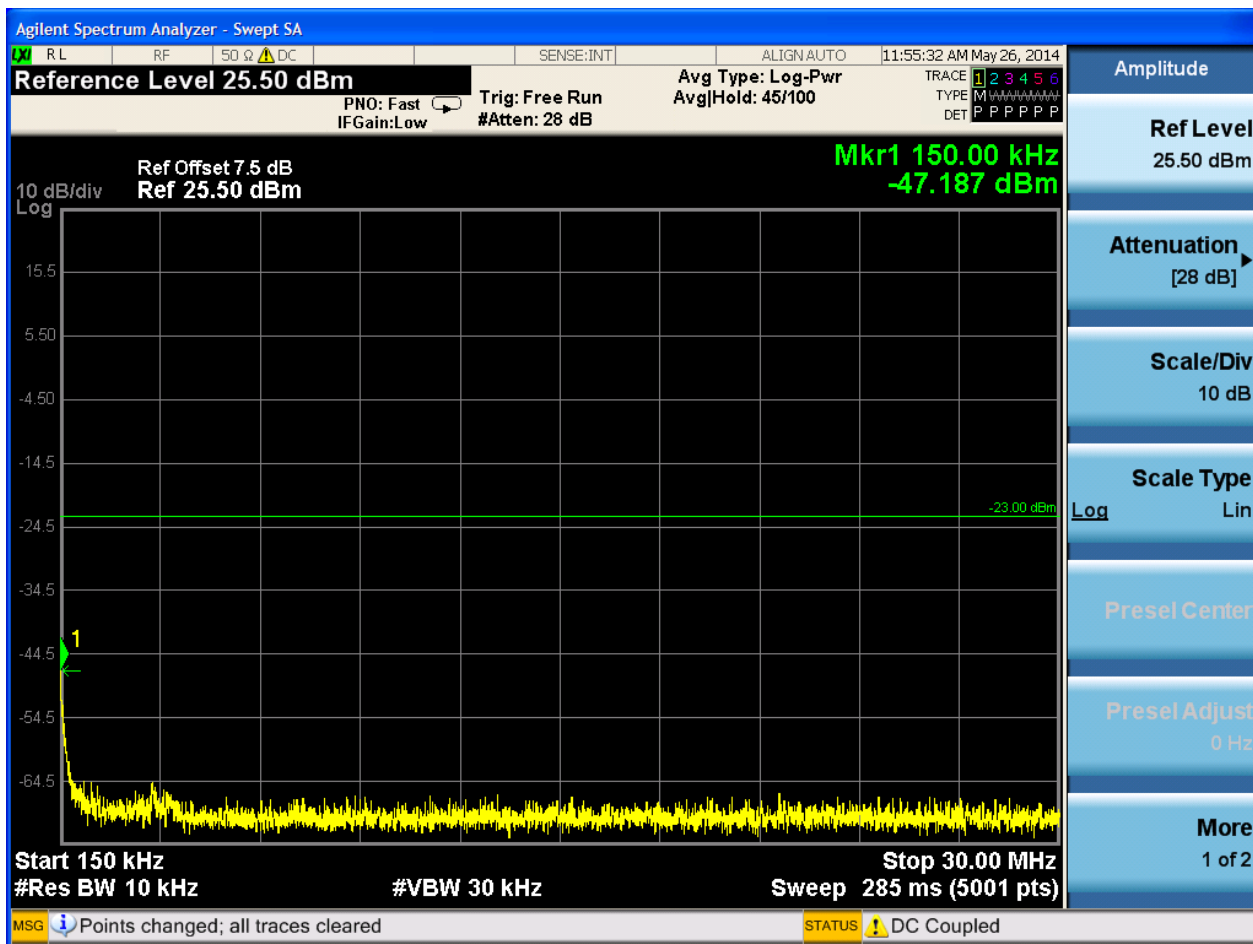


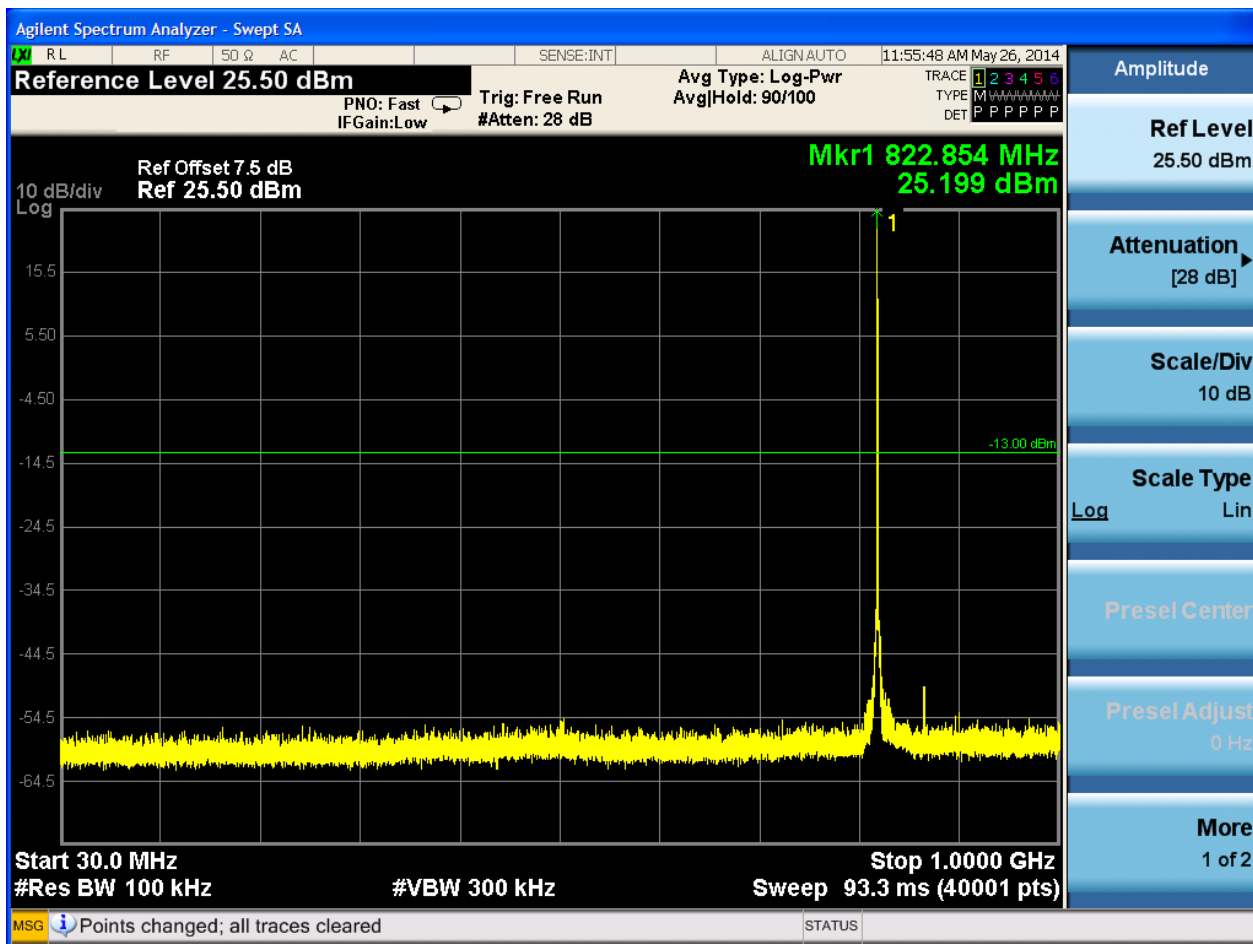


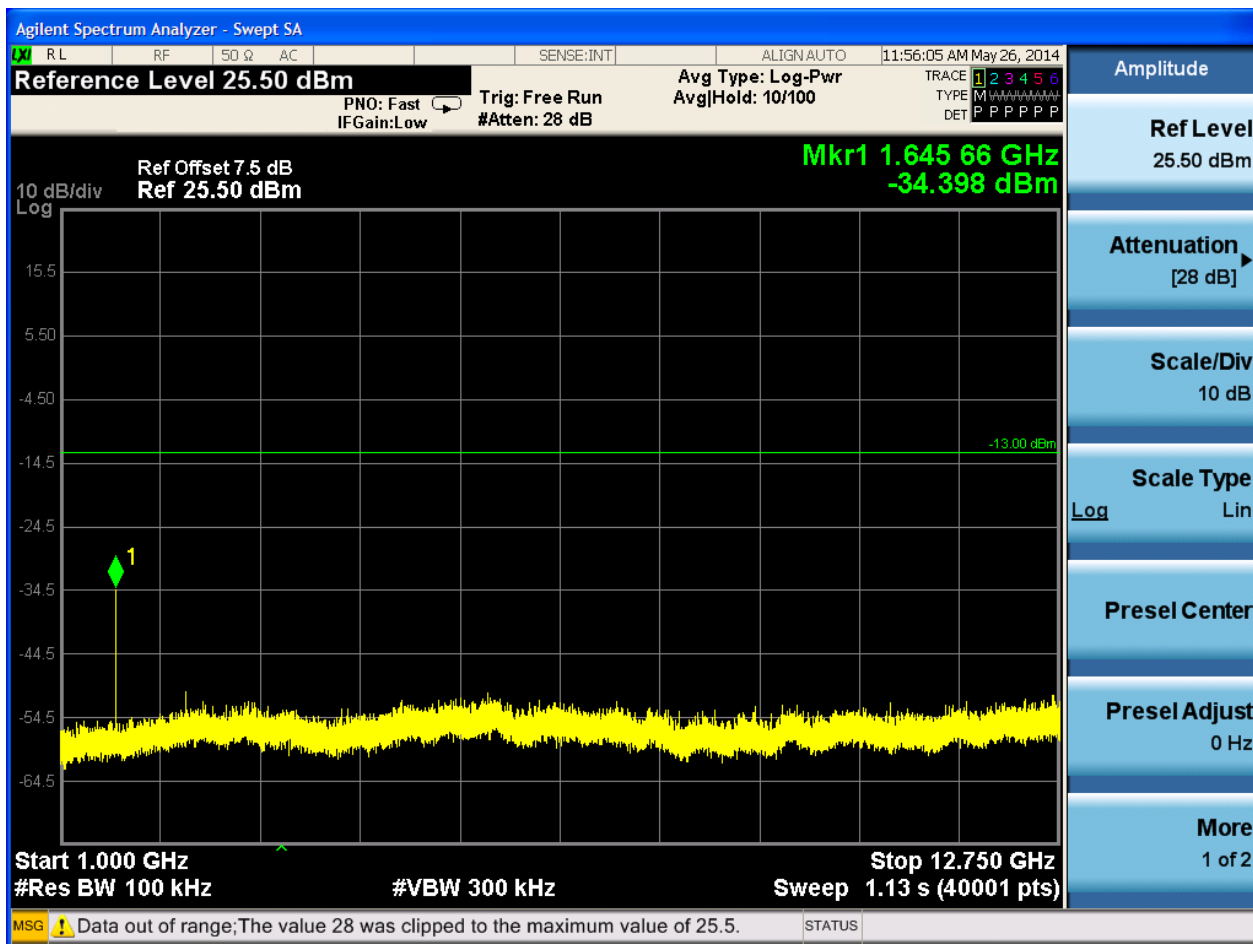
5.1.1.2.1.3 Test Channel = HCH

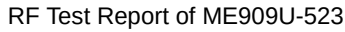
5.1.1.2.1.3.1 Test RB = RB1#0



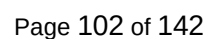




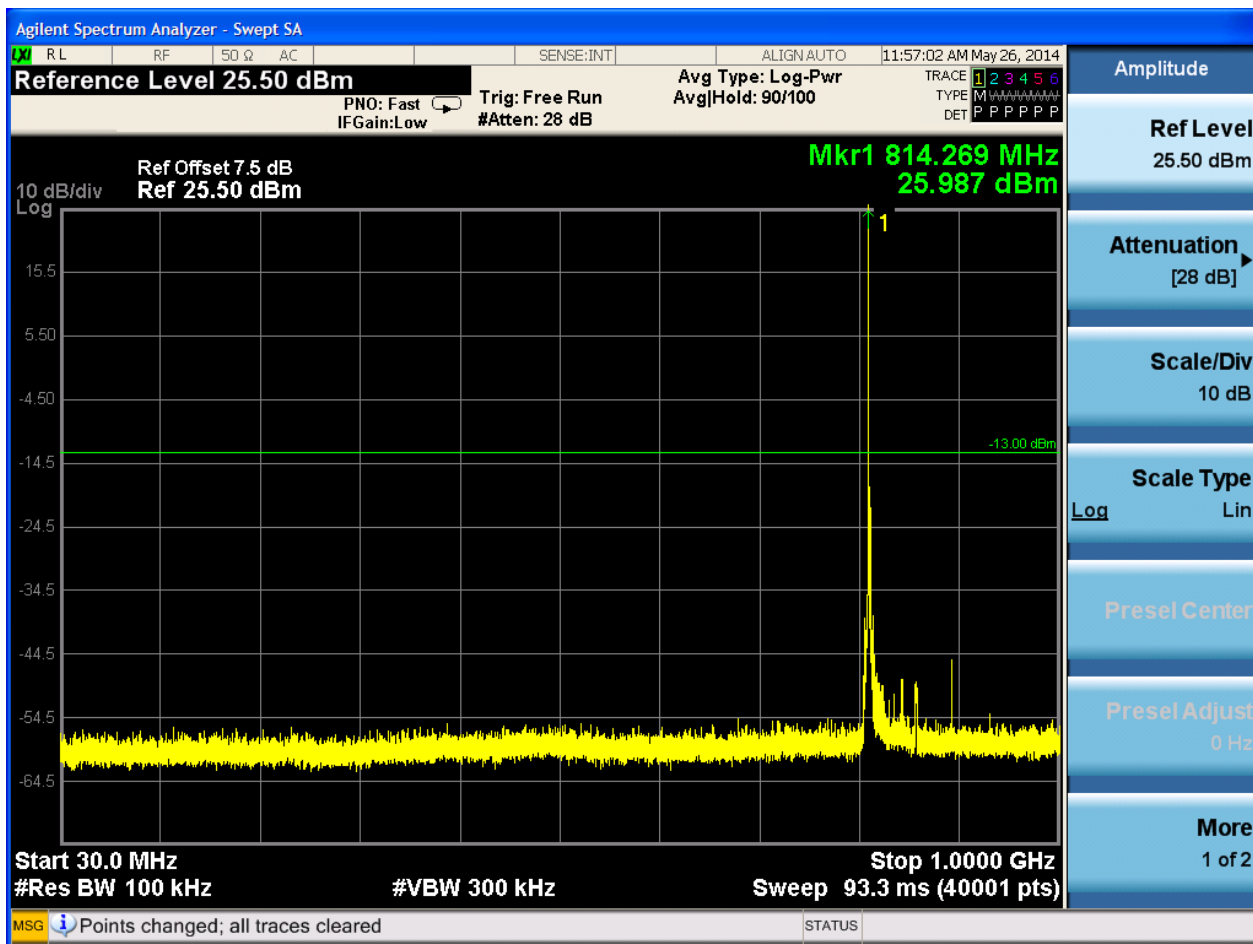


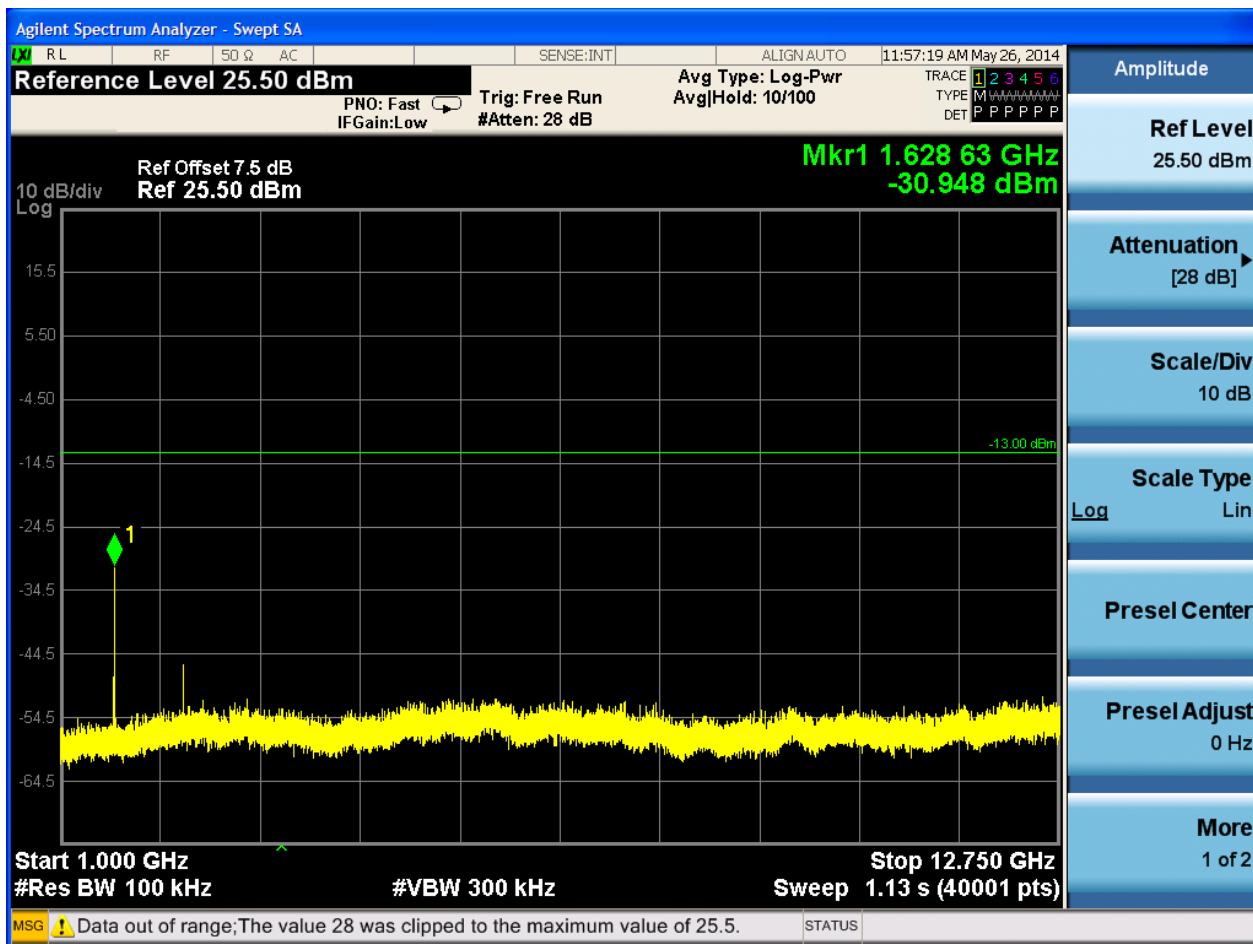


5.1.1.2.2.1.1 Test RB = RB1#0











5.1.1.2.2.2 Test Channel = MCH

5.1.1.2.2.2.1 Test RB = RB1#0

