



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND38	LTE/TM 1	5	LCH	RB1#0	23.14	23.84	33	PASS
				RB1#13	23.26	23.96	33	PASS
				RB1#24	22.23	22.93	33	PASS
				RB12#0	22.11	22.81	33	PASS
				RB12#6	22.22	22.92	33	PASS
				RB12#13	21.98	22.68	33	PASS
				RB25#0	22.1	22.8	33	PASS
			MCH	RB1#0	23.12	23.82	33	PASS
				RB1#13	23.16	23.86	33	PASS
				RB1#24	22.28	22.98	33	PASS
				RB12#0	22.12	22.82	33	PASS
				RB12#6	22.15	22.85	33	PASS
				RB12#13	21.96	22.66	33	PASS
				RB25#0	22.12	22.82	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.48	24.18	33	PASS
				RB1#13	23.61	24.31	33	PASS
				RB1#24	22.47	23.17	33	PASS
				RB12#0	22.51	23.21	33	PASS
				RB12#6	22.49	23.19	33	PASS
				RB12#13	22.35	23.05	33	PASS
				RB25#0	22.4	23.1	33	PASS
		10	LCH	RB1#0	22.44	23.14	33	PASS
				RB1#25	23.24	23.94	33	PASS
				RB1#49	22.89	23.59	33	PASS
				RB25#0	22.19	22.89	33	PASS
				RB25#13	22.16	22.86	33	PASS
				RB25#25	22.04	22.74	33	PASS
				RB50#0	22.04	22.74	33	PASS
			MCH	RB1#0	22.39	23.09	33	PASS
				RB1#25	23.17	23.87	33	PASS
				RB1#49	22.9	23.6	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.18	22.88	33	PASS
				RB25#13	22.17	22.87	33	PASS
				RB25#25	22.09	22.79	33	PASS
				RB50#0	22.03	22.73	33	PASS
			HCH	RB1#0	22.81	23.51	33	PASS
				RB1#25	23.57	24.27	33	PASS
				RB1#49	23.35	24.05	33	PASS
				RB25#0	22.29	22.99	33	PASS
				RB25#13	22.34	23.04	33	PASS
				RB25#25	22.38	23.08	33	PASS
				RB50#0	22.27	22.97	33	PASS
		15	LCH	RB1#0	22.31	23.01	33	PASS
				RB1#38	23.16	23.86	33	PASS
				RB1#74	22.76	23.46	33	PASS
				RB36#0	22.2	22.9	33	PASS
				RB36#18	22.23	22.93	33	PASS
				RB36#39	22.04	22.74	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.99	22.69	33	PASS
			MCH	RB1#0	22.31	23.01	33	PASS
				RB1#38	23.12	23.82	33	PASS
				RB1#74	22.87	23.57	33	PASS
				RB36#0	22.29	22.99	33	PASS
				RB36#18	22.22	22.92	33	PASS
				RB36#39	22.13	22.83	33	PASS
				RB75#0	22.17	22.87	33	PASS
			HCH	RB1#0	22.52	23.22	33	PASS
				RB1#38	23.54	24.24	33	PASS
				RB1#74	23.29	23.99	33	PASS
				RB36#0	22.31	23.01	33	PASS
				RB36#18	22.35	23.05	33	PASS
				RB36#39	22.31	23.01	33	PASS
				RB75#0	22.31	23.01	33	PASS
		20	LCH	RB1#0	23.19	23.89	33	PASS
				RB1#50	23.21	23.91	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	23.05	23.75	33	PASS
				RB50#0	22.42	23.12	33	PASS
				RB50#25	22.09	22.79	33	PASS
				RB50#50	22.3	23	33	PASS
				RB100#0	22.27	22.97	33	PASS
			MCH	RB1#0	23.18	23.88	33	PASS
				RB1#50	23.32	24.02	33	PASS
				RB1#99	23.18	23.88	33	PASS
				RB50#0	22.46	23.16	33	PASS
				RB50#25	22.24	22.94	33	PASS
				RB50#50	22.32	23.02	33	PASS
				RB100#0	22.33	23.03	33	PASS
			HCH	RB1#0	23.41	24.11	33	PASS
				RB1#50	23.55	24.25	33	PASS
				RB1#99	23.52	24.22	33	PASS
				RB50#0	22.42	23.12	33	PASS
				RB50#25	22.47	23.17	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.4	23.1	33	PASS
				RB100#0	22.42	23.12	33	PASS
	LTE/TM 2	5	LCH	RB1#0	22.06	22.76	33	PASS
				RB1#13	22.2	22.9	33	PASS
				RB1#24	21.65	22.35	33	PASS
				RB12#0	21.16	21.86	33	PASS
				RB12#6	21.26	21.96	33	PASS
				RB12#13	21.09	21.79	33	PASS
				RB25#0	21.14	21.84	33	PASS
			MCH	RB1#0	22.08	22.78	33	PASS
				RB1#13	22.13	22.83	33	PASS
				RB1#24	21.8	22.5	33	PASS
				RB12#0	21.3	22	33	PASS
				RB12#6	21.33	22.03	33	PASS
				RB12#13	21.13	21.83	33	PASS
				RB25#0	21.19	21.89	33	PASS
			HCH	RB1#0	22.38	23.08	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.59	23.29	33	PASS
				RB1#24	22.12	22.82	33	PASS
				RB12#0	21.55	22.25	33	PASS
				RB12#6	21.48	22.18	33	PASS
				RB12#13	21.3	22	33	PASS
				RB25#0	21.36	22.06	33	PASS
		10	LCH	RB1#0	22.1	22.8	33	PASS
				RB1#25	22.46	23.16	33	PASS
				RB1#49	22.15	22.85	33	PASS
				RB25#0	21.2	21.9	33	PASS
				RB25#13	21.14	21.84	33	PASS
				RB25#25	21.02	21.72	33	PASS
				RB50#0	21.02	21.72	33	PASS
			MCH	RB1#0	22.08	22.78	33	PASS
				RB1#25	22.23	22.93	33	PASS
				RB1#49	22.11	22.81	33	PASS
				RB25#0	21.31	22.01	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.31	22.01	33	PASS
				RB25#25	21.16	21.86	33	PASS
				RB50#0	21.15	21.85	33	PASS
			HCH	RB1#0	22.45	23.15	33	PASS
				RB1#25	22.63	23.33	33	PASS
				RB1#49	22.57	23.27	33	PASS
				RB25#0	21.42	22.12	33	PASS
				RB25#13	21.47	22.17	33	PASS
				RB25#25	21.42	22.12	33	PASS
				RB50#0	21.37	22.07	33	PASS
		15	LCH	RB1#0	22.05	22.75	33	PASS
				RB1#38	22.34	23.04	33	PASS
				RB1#74	22.11	22.81	33	PASS
				RB36#0	21.12	21.82	33	PASS
				RB36#18	21.18	21.88	33	PASS
				RB36#39	20.97	21.67	33	PASS
				RB75#0	20.82	21.52	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.03	22.73	33	PASS
				RB1#38	22.21	22.91	33	PASS
				RB1#74	22.13	22.83	33	PASS
				RB36#0	21.32	22.02	33	PASS
				RB36#18	21.31	22.01	33	PASS
				RB36#39	21.14	21.84	33	PASS
				RB75#0	21.18	21.88	33	PASS
			HCH	RB1#0	22.14	22.84	33	PASS
				RB1#38	22.57	23.27	33	PASS
				RB1#74	22.39	23.09	33	PASS
				RB36#0	21.32	22.02	33	PASS
				RB36#18	21.36	22.06	33	PASS
				RB36#39	21.24	21.94	33	PASS
				RB75#0	21.32	22.02	33	PASS
		20	LCH	RB1#0	22.23	22.93	33	PASS
				RB1#50	22.39	23.09	33	PASS
				RB1#99	22.21	22.91	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.28	21.98	33	PASS
				RB50#25	21.02	21.72	33	PASS
				RB50#50	21.24	21.94	33	PASS
				RB100#0	21.22	21.92	33	PASS
			MCH	RB1#0	22.57	23.27	33	PASS
				RB1#50	22.56	23.26	33	PASS
				RB1#99	22.47	23.17	33	PASS
				RB50#0	21.44	22.14	33	PASS
				RB50#25	21.23	21.93	33	PASS
				RB50#50	21.26	21.96	33	PASS
				RB100#0	21.34	22.04	33	PASS
			HCH	RB1#0	22.59	23.29	33	PASS
				RB1#50	22.73	23.43	33	PASS
				RB1#99	22.79	23.49	33	PASS
				RB50#0	21.47	22.17	33	PASS
				RB50#25	21.53	22.23	33	PASS
				RB50#50	21.52	22.22	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.46	22.16	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:

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

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

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

SET Sweep time=auto-couple.

Detector:RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND38	LTE/TM1	5	LCH	RB1#0	5.23	13	PASS
				RB1#13	5.07	13	PASS
				RB1#24	5.56	13	PASS
				RB12#0	6.09	13	PASS
				RB12#6	5.84	13	PASS
				RB12#13	6.21	13	PASS
				RB25#0	6.17	13	PASS
			MCH	RB1#0	5	13	PASS
				RB1#13	4.88	13	PASS
				RB1#24	4.95	13	PASS
				RB12#0	6.04	13	PASS
				RB12#6	5.91	13	PASS
				RB12#13	6.17	13	PASS
				RB25#0	6.27	13	PASS
			HCH	RB1#0	5.16	13	PASS
				RB1#13	5.18	13	PASS
				RB1#24	5.3	13	PASS
				RB12#0	5.72	13	PASS
				RB12#6	5.73	13	PASS
				RB12#13	5.83	13	PASS
				RB25#0	6.16	13	PASS
		10	LCH	RB1#0	4.78	13	PASS
				RB1#25	4.81	13	PASS
				RB1#49	4.93	13	PASS
				RB25#0	6.25	13	PASS
				RB25#13	6.19	13	PASS
				RB25#25	6.14	13	PASS
				RB50#0	6.07	13	PASS
			MCH	RB1#0	5.02	13	PASS
				RB1#25	4.75	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.13	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	6.08	13	PASS
				RB25#25	6.12	13	PASS
				RB50#0	6.51	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#25	4.58	13	PASS
				RB1#49	4.82	13	PASS
				RB25#0	5.91	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	6.01	13	PASS
				RB50#0	5.92	13	PASS
		15	LCH	RB1#0	5.46	13	PASS
				RB1#38	5.24	13	PASS
				RB1#74	5.28	13	PASS
				RB36#0	6.28	13	PASS
				RB36#18	6.21	13	PASS
				RB36#39	6.11	13	PASS
				RB75#0	6.4	13	PASS
			MCH	RB1#0	4.43	13	PASS
				RB1#38	4.28	13	PASS
				RB1#74	4.68	13	PASS
				RB36#0	6	13	PASS
				RB36#18	6.06	13	PASS
				RB36#39	6.03	13	PASS
				RB75#0	6.4	13	PASS
			HCH	RB1#0	4.87	13	PASS
				RB1#38	4.83	13	PASS
				RB1#74	5.01	13	PASS
				RB36#0	6.31	13	PASS
				RB36#18	6.42	13	PASS
				RB36#39	6.31	13	PASS
				RB75#0	6.55	13	PASS
		20	LCH	RB1#0	5.17	13	PASS
				RB1#50	4.81	13	PASS
				RB1#99	5.18	13	PASS
				RB50#0	6.24	13	PASS
				RB50#25	6.09	13	PASS
				RB50#50	6.35	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	6.28	13	PASS
			MCH	RB1#0	5.44	13	PASS
				RB1#50	4.92	13	PASS
				RB1#99	5.38	13	PASS
				RB50#0	6.02	13	PASS
				RB50#25	5.99	13	PASS
				RB50#50	5.98	13	PASS
				RB100#0	6.52	13	PASS
			HCH	RB1#0	4.58	13	PASS
				RB1#50	4.35	13	PASS
				RB1#99	4.74	13	PASS
				RB50#0	5.89	13	PASS
				RB50#25	5.99	13	PASS
				RB50#50	6.1	13	PASS
				RB100#0	6.37	13	PASS
	LTE/TM2	5	LCH	RB1#0	6.04	13	PASS
				RB1#13	5.93	13	PASS
				RB1#24	6.01	13	PASS
				RB12#0	6.93	13	PASS
				RB12#6	7.06	13	PASS
				RB12#13	6.82	13	PASS
				RB25#0	7.05	13	PASS
			MCH	RB1#0	5.58	13	PASS
				RB1#13	5.77	13	PASS
				RB1#24	5.74	13	PASS
				RB12#0	6.62	13	PASS
				RB12#6	6.53	13	PASS
				RB12#13	6.65	13	PASS
				RB25#0	6.59	13	PASS
			HCH	RB1#0	5.46	13	PASS
				RB1#13	5.7	13	PASS
				RB1#24	5.71	13	PASS
				RB12#0	6.66	13	PASS
				RB12#6	6.51	13	PASS
				RB12#13	6.38	13	PASS
				RB25#0	6.93	13	PASS
		10	LCH	RB1#0	5.75	13	PASS
				RB1#25	5.65	13	PASS
				RB1#49	5.59	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.82	13	PASS
				RB25#13	7.01	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	6.74	13	PASS
			MCH	RB1#0	5.14	13	PASS
				RB1#25	5.26	13	PASS
				RB1#49	5.18	13	PASS
				RB25#0	6.96	13	PASS
				RB25#13	6.86	13	PASS
				RB25#25	6.77	13	PASS
				RB50#0	7.06	13	PASS
			HCH	RB1#0	5.64	13	PASS
				RB1#25	5.73	13	PASS
				RB1#49	5.78	13	PASS
				RB25#0	6.67	13	PASS
				RB25#13	6.74	13	PASS
				RB25#25	6.84	13	PASS
				RB50#0	6.93	13	PASS
		15	LCH	RB1#0	5.49	13	PASS
				RB1#38	5.29	13	PASS
				RB1#74	5.54	13	PASS
				RB36#0	7.16	13	PASS
				RB36#18	6.93	13	PASS
				RB36#39	7.05	13	PASS
				RB75#0	7.39	13	PASS
			MCH	RB1#0	5.23	13	PASS
				RB1#38	4.99	13	PASS
				RB1#74	5.15	13	PASS
				RB36#0	6.69	13	PASS
				RB36#18	6.65	13	PASS
				RB36#39	6.42	13	PASS
				RB75#0	7.06	13	PASS
			HCH	RB1#0	5.61	13	PASS
				RB1#38	5.38	13	PASS
				RB1#74	5.64	13	PASS
				RB36#0	6.91	13	PASS
				RB36#18	7.02	13	PASS
				RB36#39	7.12	13	PASS
				RB75#0	7.33	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	5.95	13	PASS
				RB1#50	5.55	13	PASS
				RB1#99	5.9	13	PASS
				RB50#0	6.91	13	PASS
				RB50#25	6.92	13	PASS
				RB50#50	6.86	13	PASS
				RB100#0	7.16	13	PASS
			MCH	RB1#0	5.89	13	PASS
				RB1#50	5.5	13	PASS
				RB1#99	5.91	13	PASS
				RB50#0	7.1	13	PASS
				RB50#25	6.69	13	PASS
				RB50#50	6.83	13	PASS
				RB100#0	7.34	13	PASS
			HCH	RB1#0	5.89	13	PASS
				RB1#50	5.68	13	PASS
				RB1#99	6.14	13	PASS
				RB50#0	7	13	PASS
				RB50#25	7.21	13	PASS
				RB50#50	7.36	13	PASS
				RB100#0	7.3	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

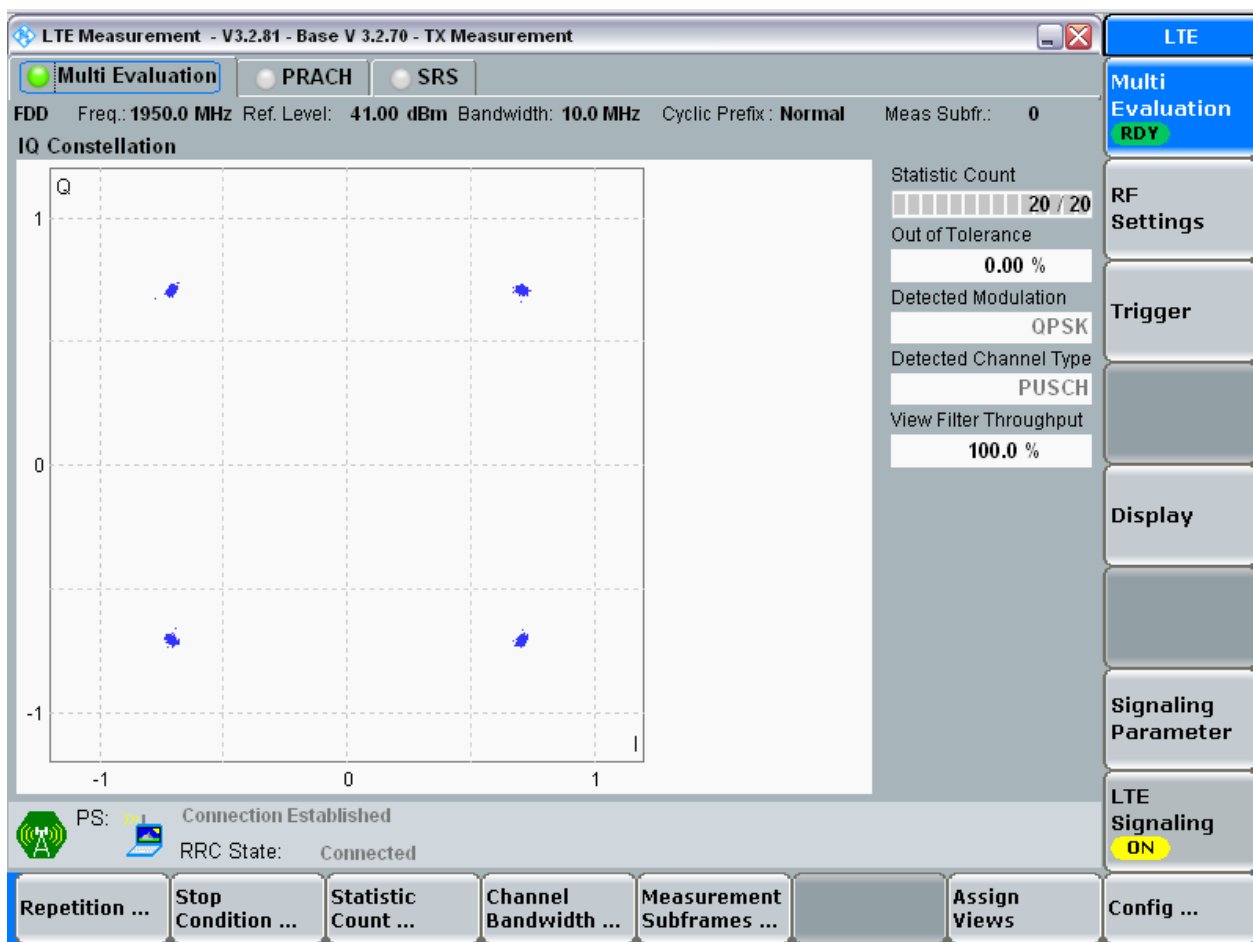
3.1.1 Test Band = BAND38

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = MCH

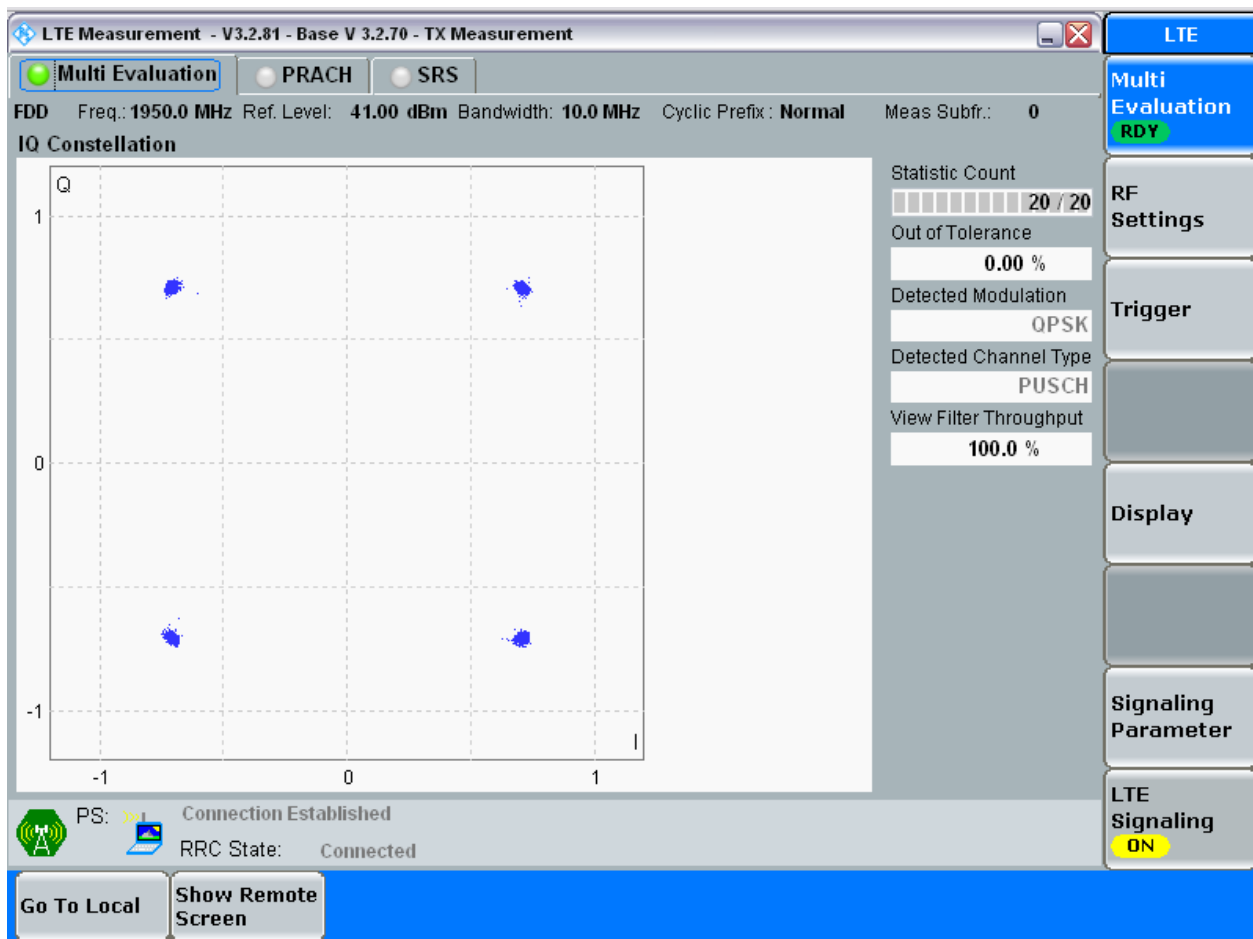
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

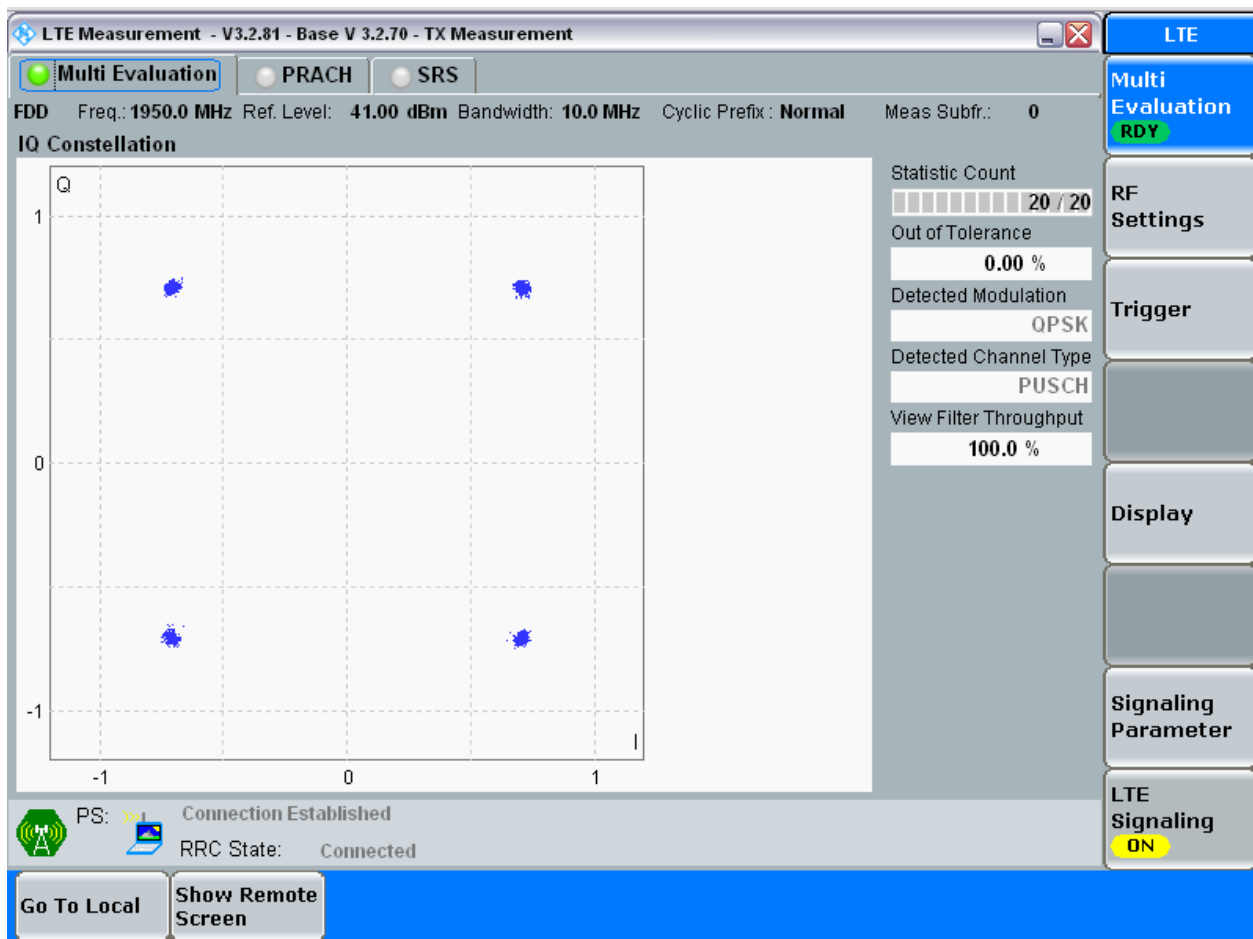
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

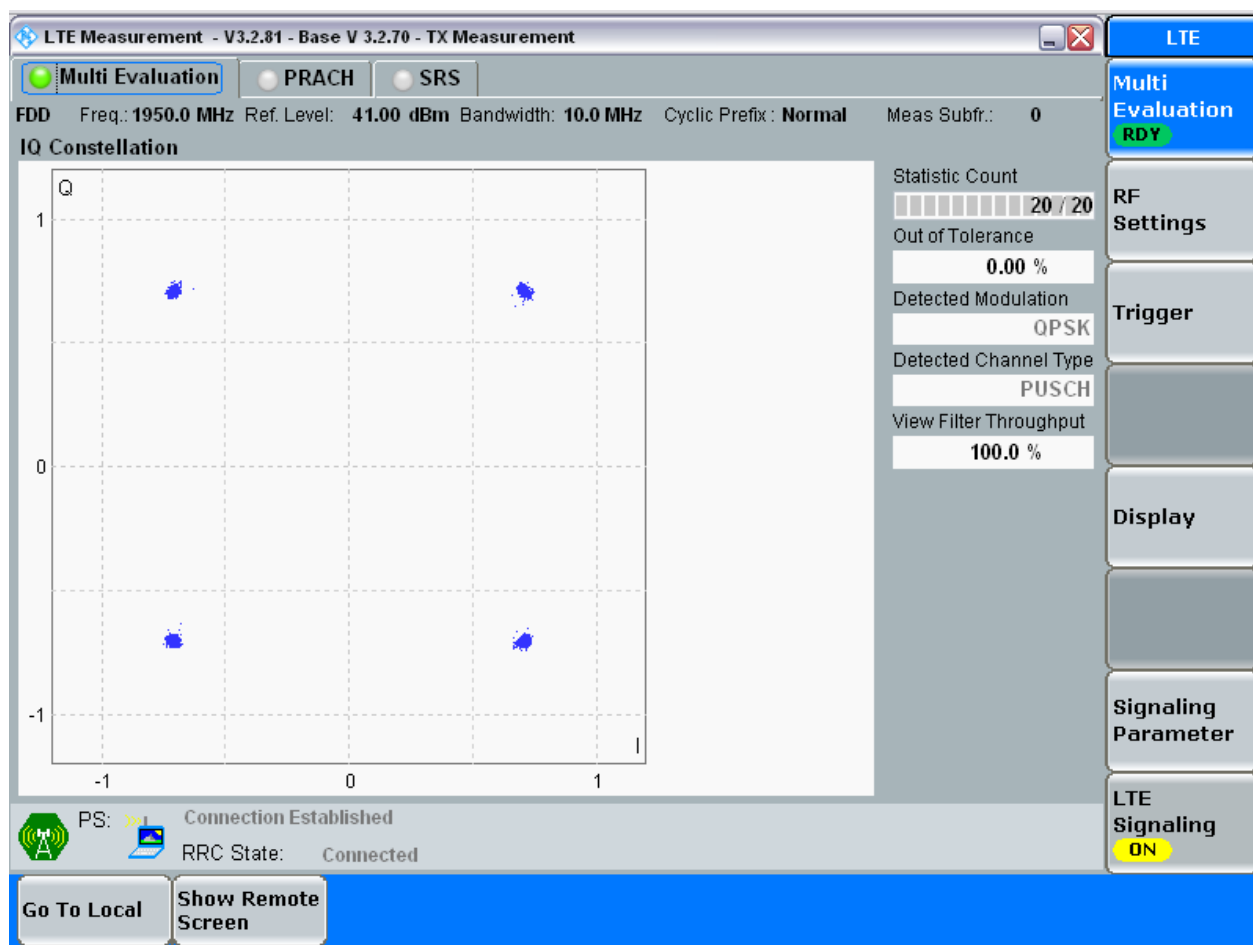
3.1.1.1.3.1.1 Test RB = RB75#0



3.1.1.1.4 Test Bandwidth = 20

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB100#0

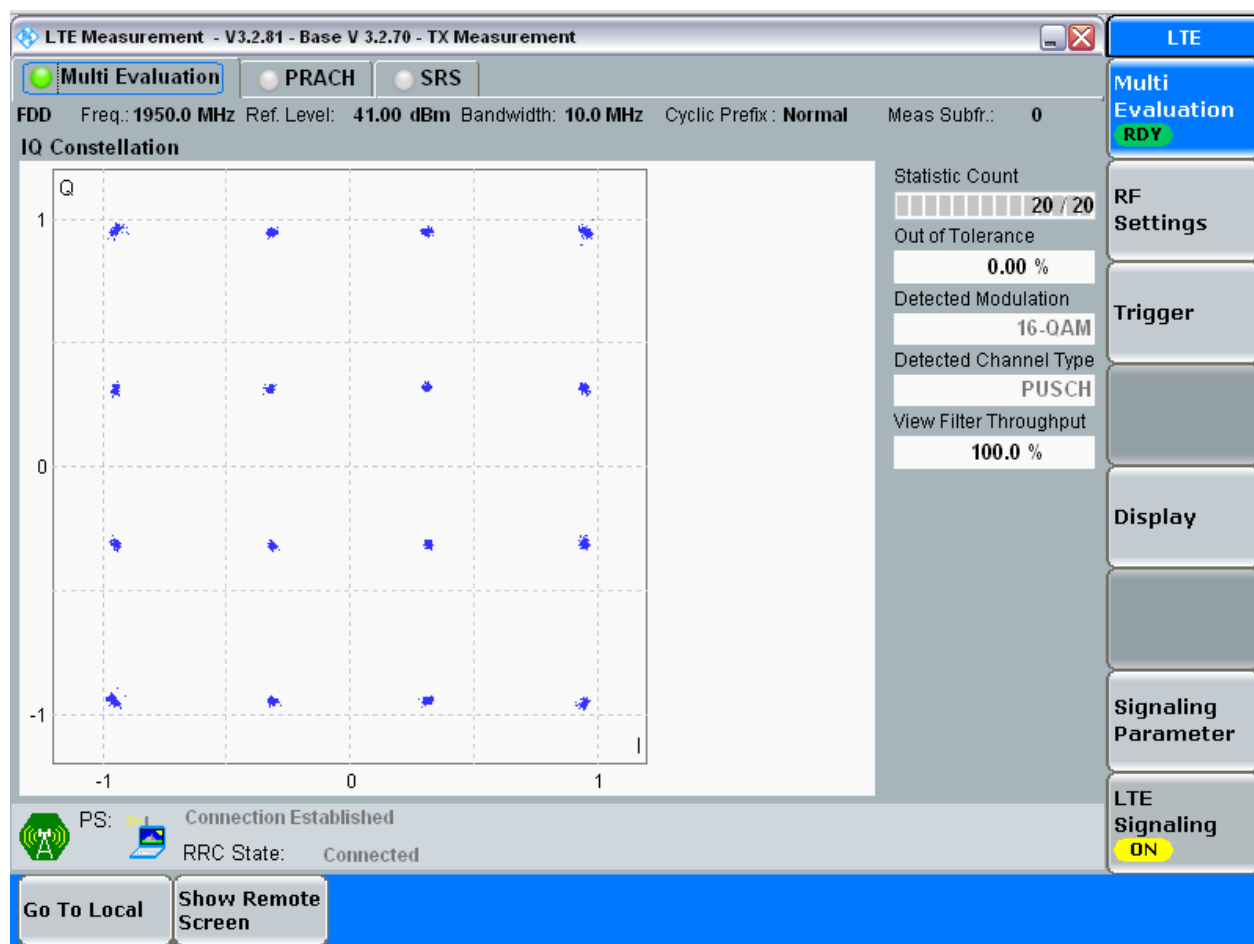


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

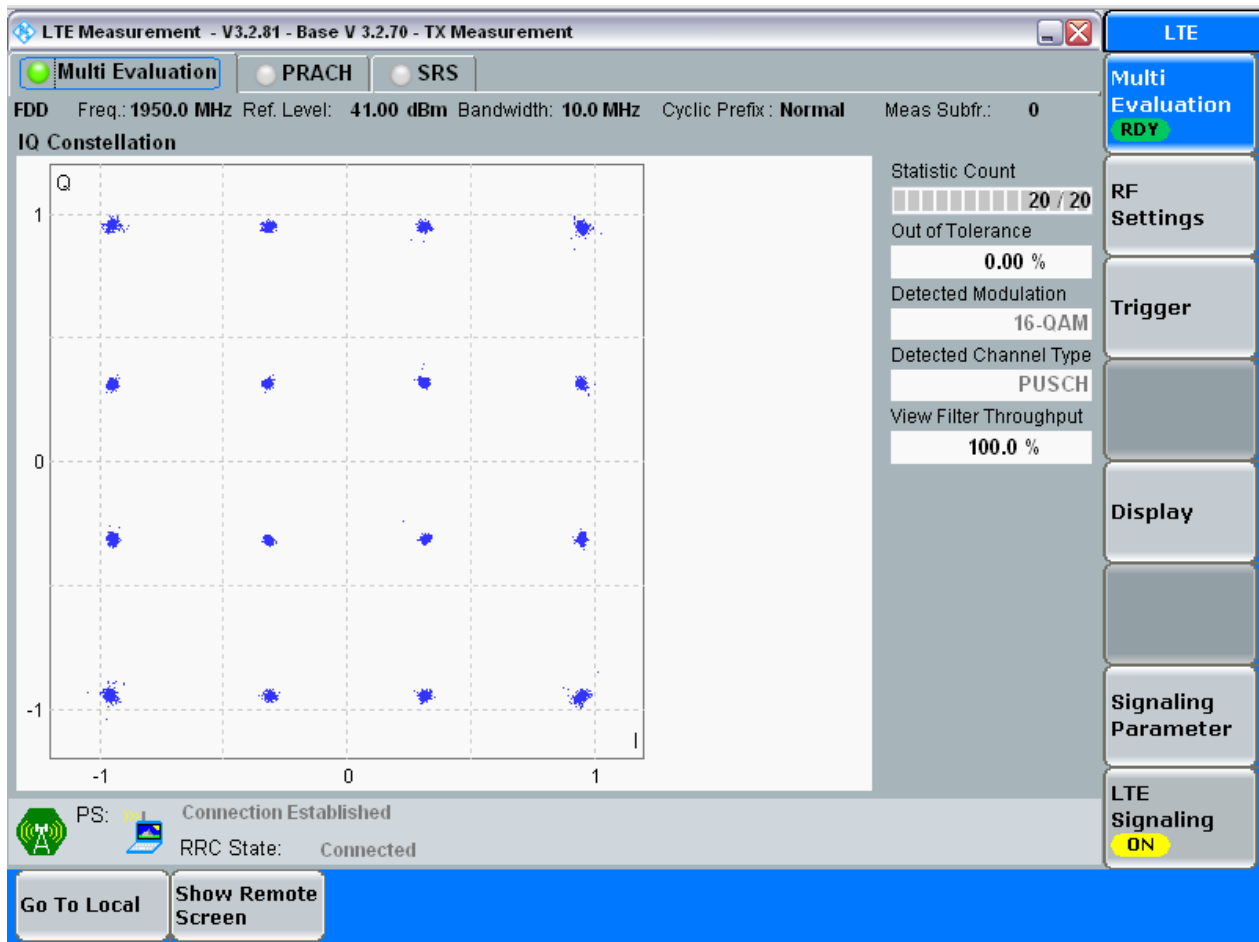
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

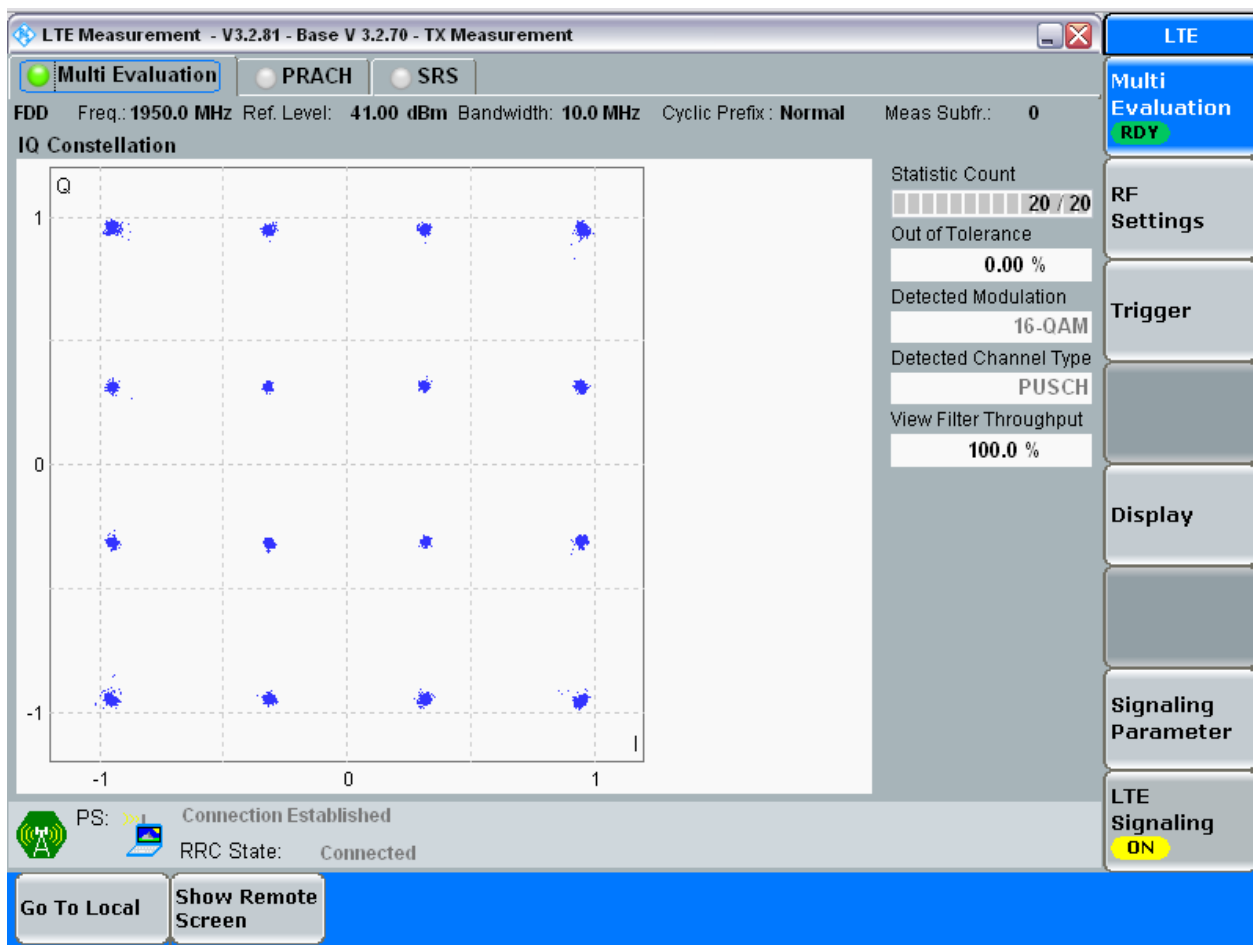
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

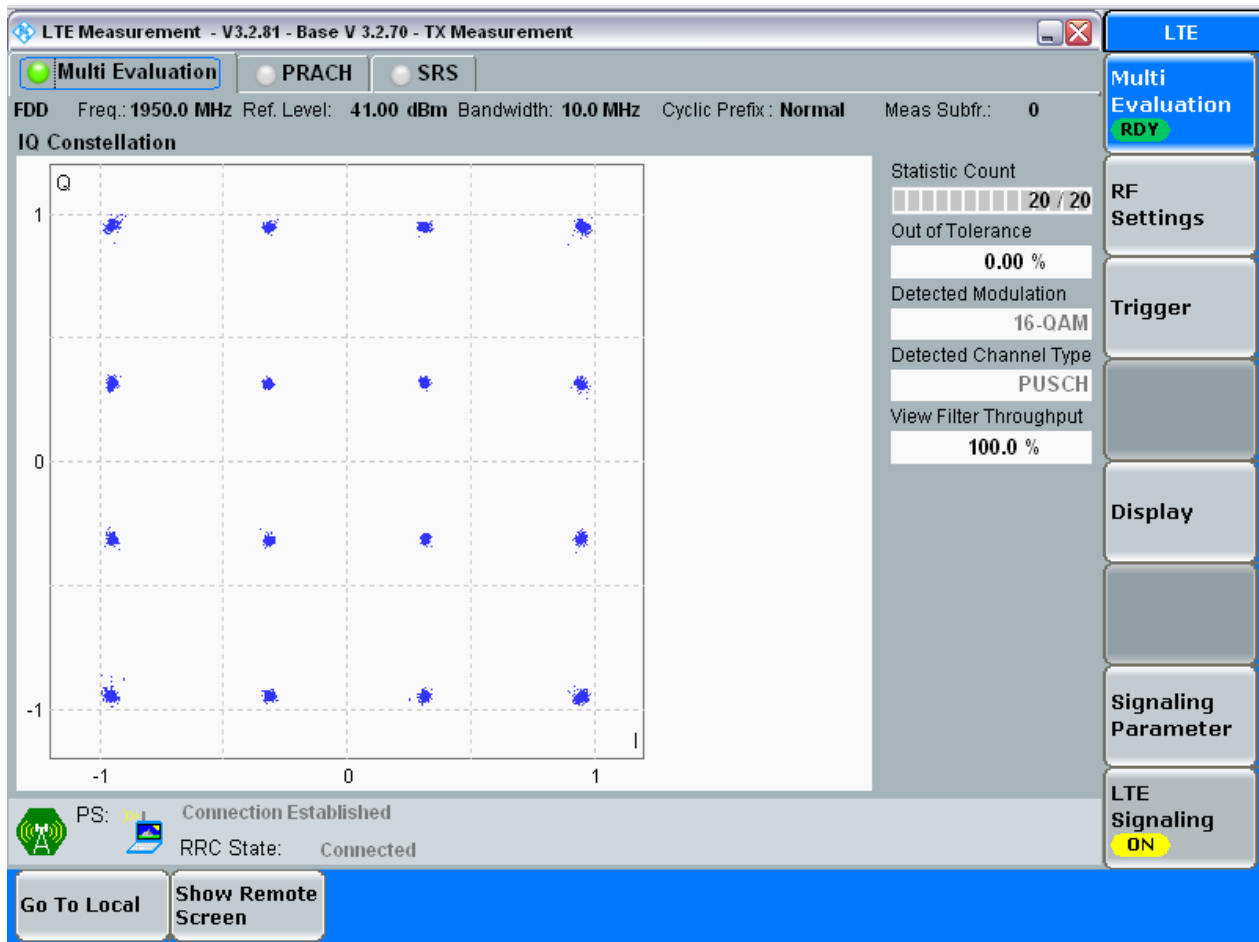
3.1.1.2.3.1.1 Test RB = RB75#0



3.1.1.2.4 Test Bandwidth = 20

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND38	LTE/TM1	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.49	4.82	Pass
			HCH	RB25#0	4.50	4.85	Pass
		10	LCH	RB50#0	8.98	9.60	Pass
			MCH	RB50#0	8.98	9.55	Pass
			HCH	RB50#0	9.01	9.64	Pass
		15	LCH	RB75#0	13.44	14.29	Pass
			MCH	RB75#0	13.46	14.29	Pass
			HCH	RB75#0	13.46	14.31	Pass
		20	LCH	RB100#0	17.93	18.96	Pass
			MCH	RB100#0	17.94	18.99	Pass
			HCH	RB100#0	17.95	19.05	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.84	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	8.98	9.60	Pass
			MCH	RB50#0	9.01	9.66	Pass
			HCH	RB50#0	8.98	9.60	Pass
		15	LCH	RB75#0	13.46	14.26	Pass
			MCH	RB75#0	13.46	14.36	Pass
			HCH	RB75#0	13.46	14.31	Pass
		20	LCH	RB100#0	17.95	19.07	Pass
			MCH	RB100#0	17.95	19.11	Pass
			HCH	RB100#0	17.96	19.05	Pass



Part II - Test Plots

4.1 For LTE

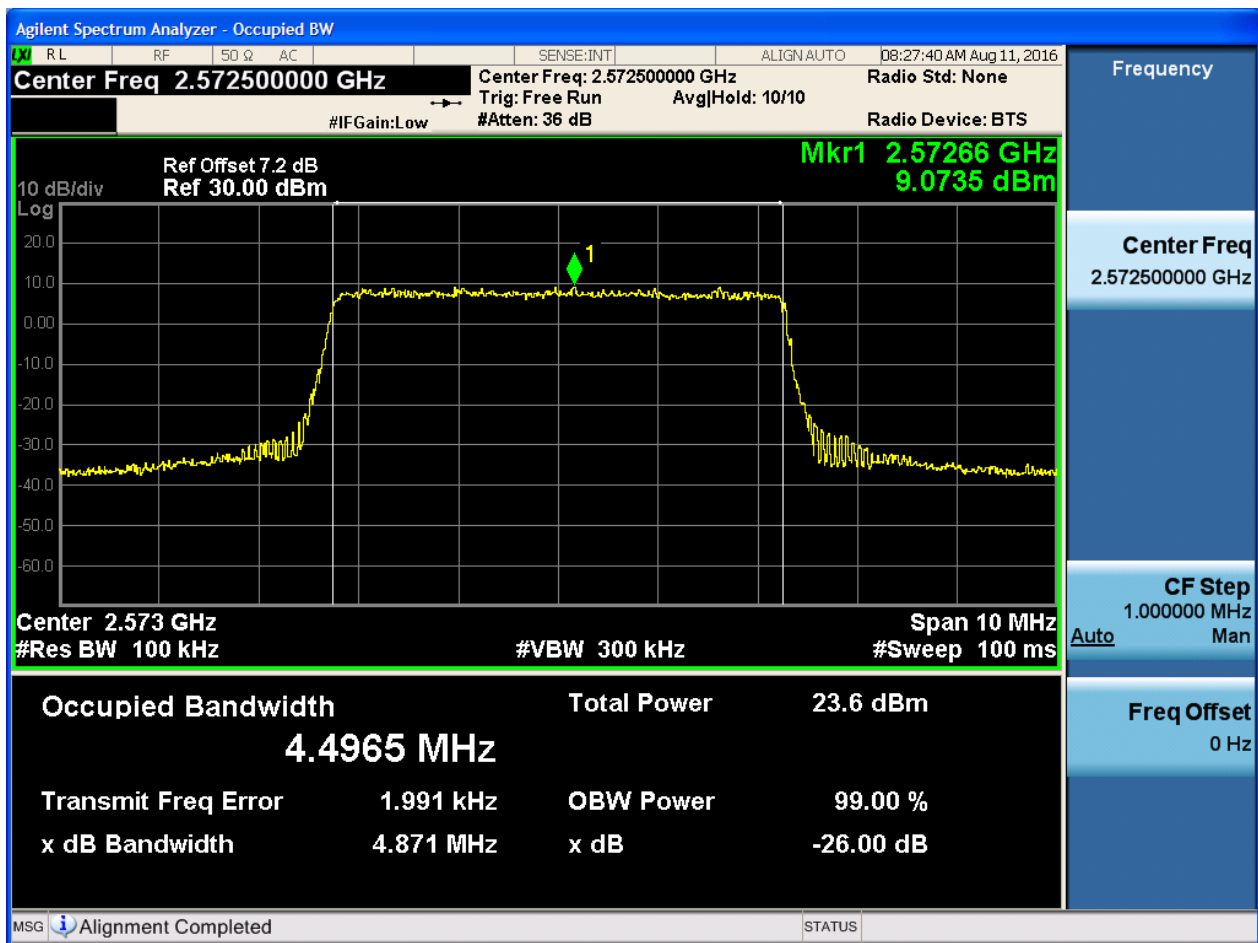
4.1.1 Test Band = BAND38

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

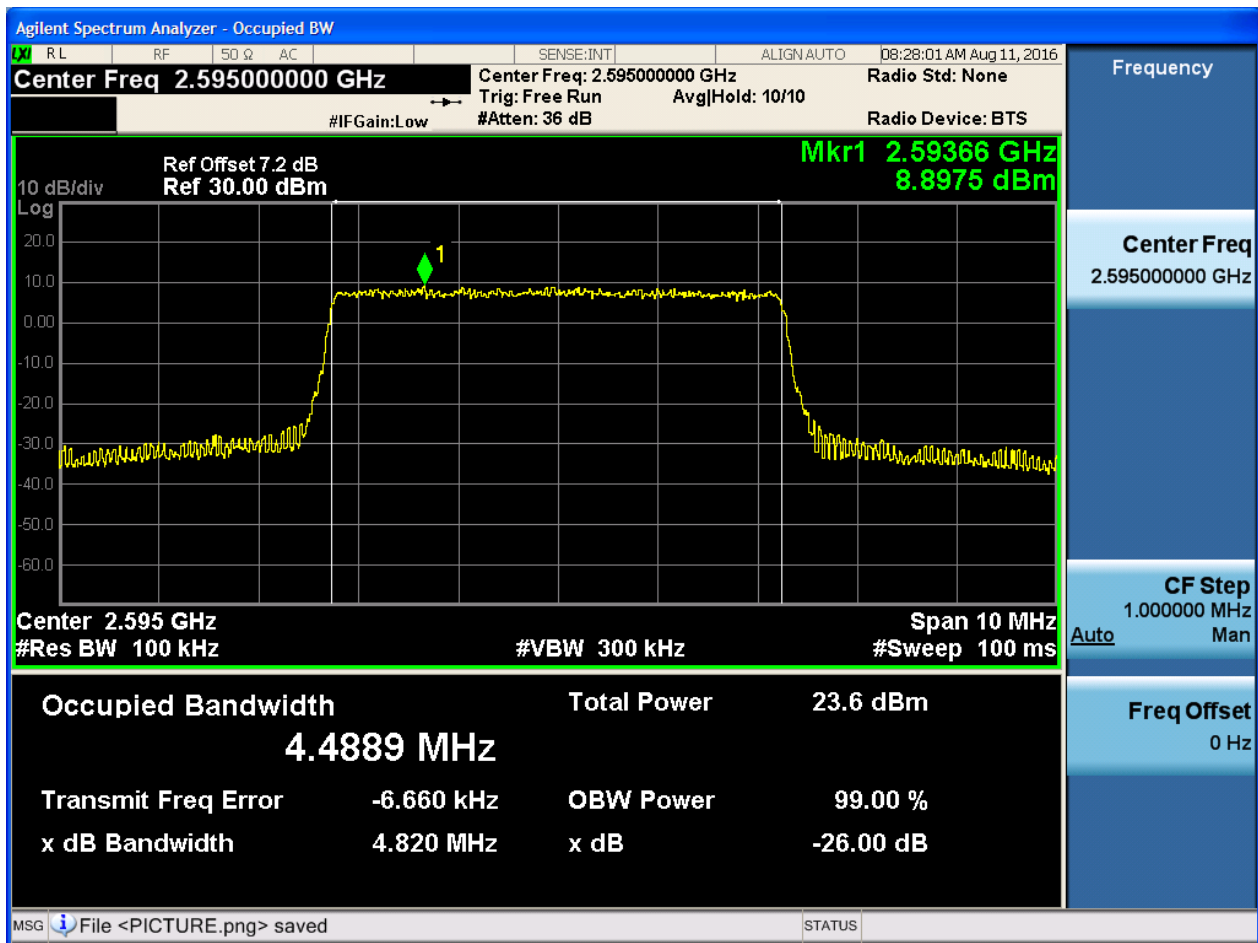
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

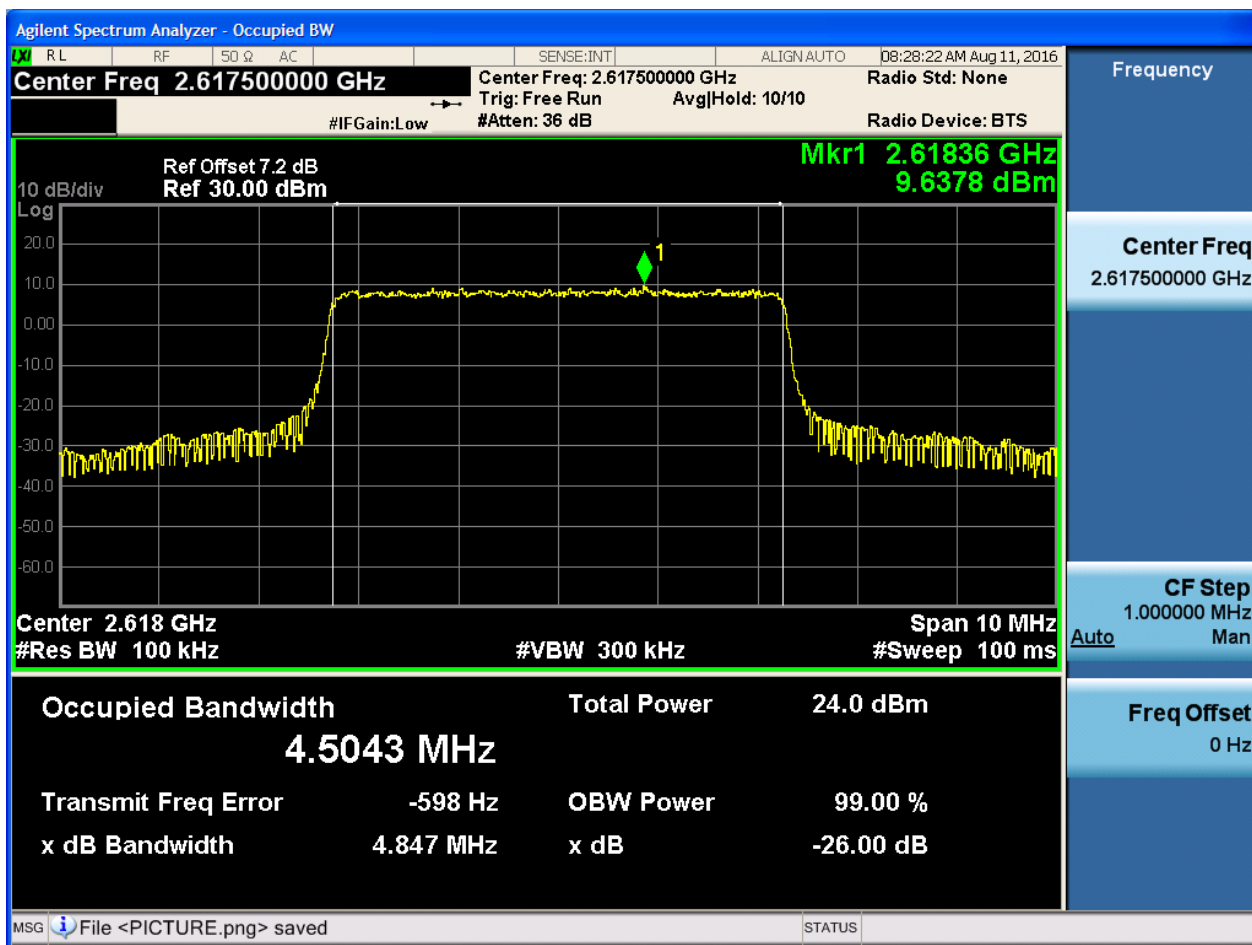
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

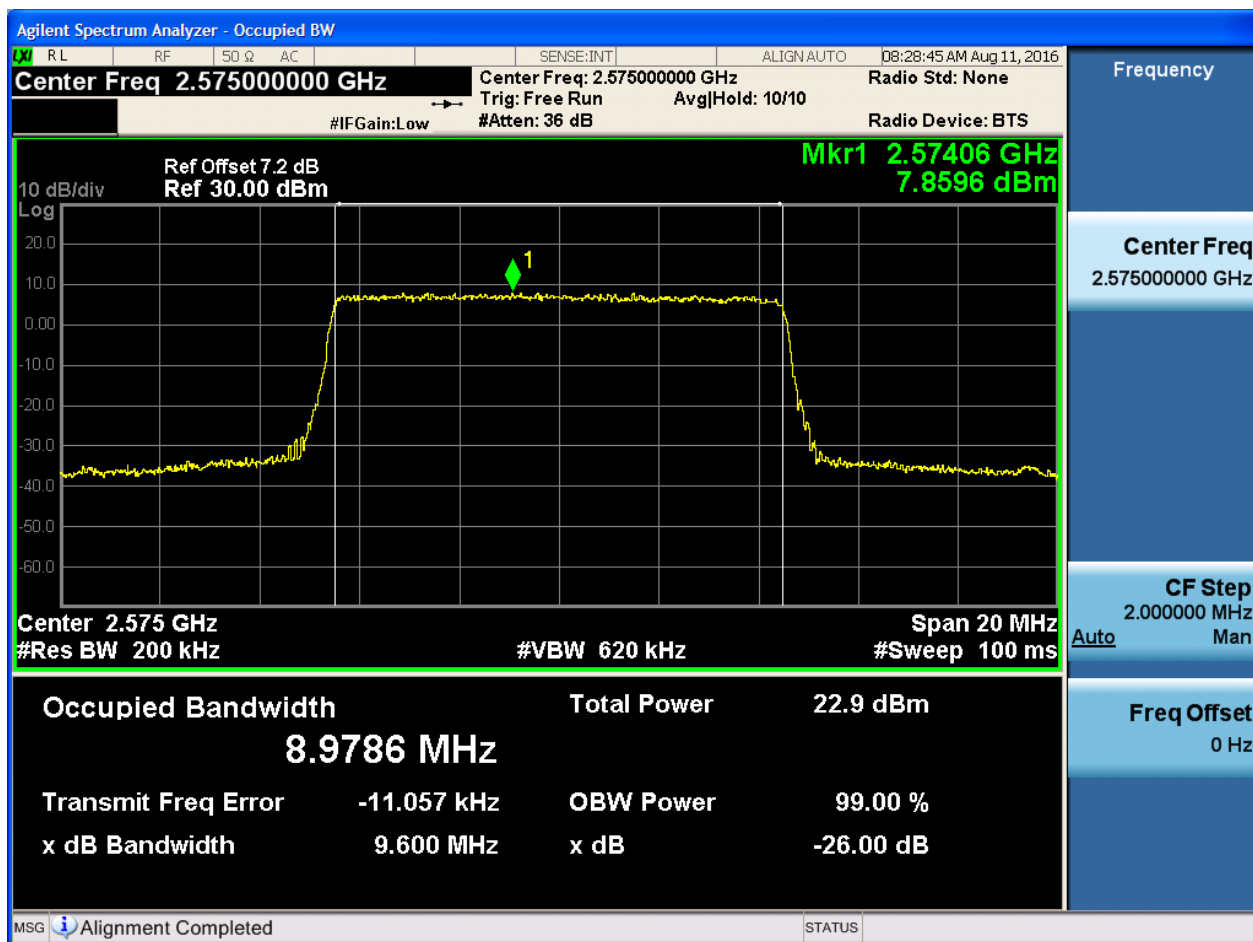




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

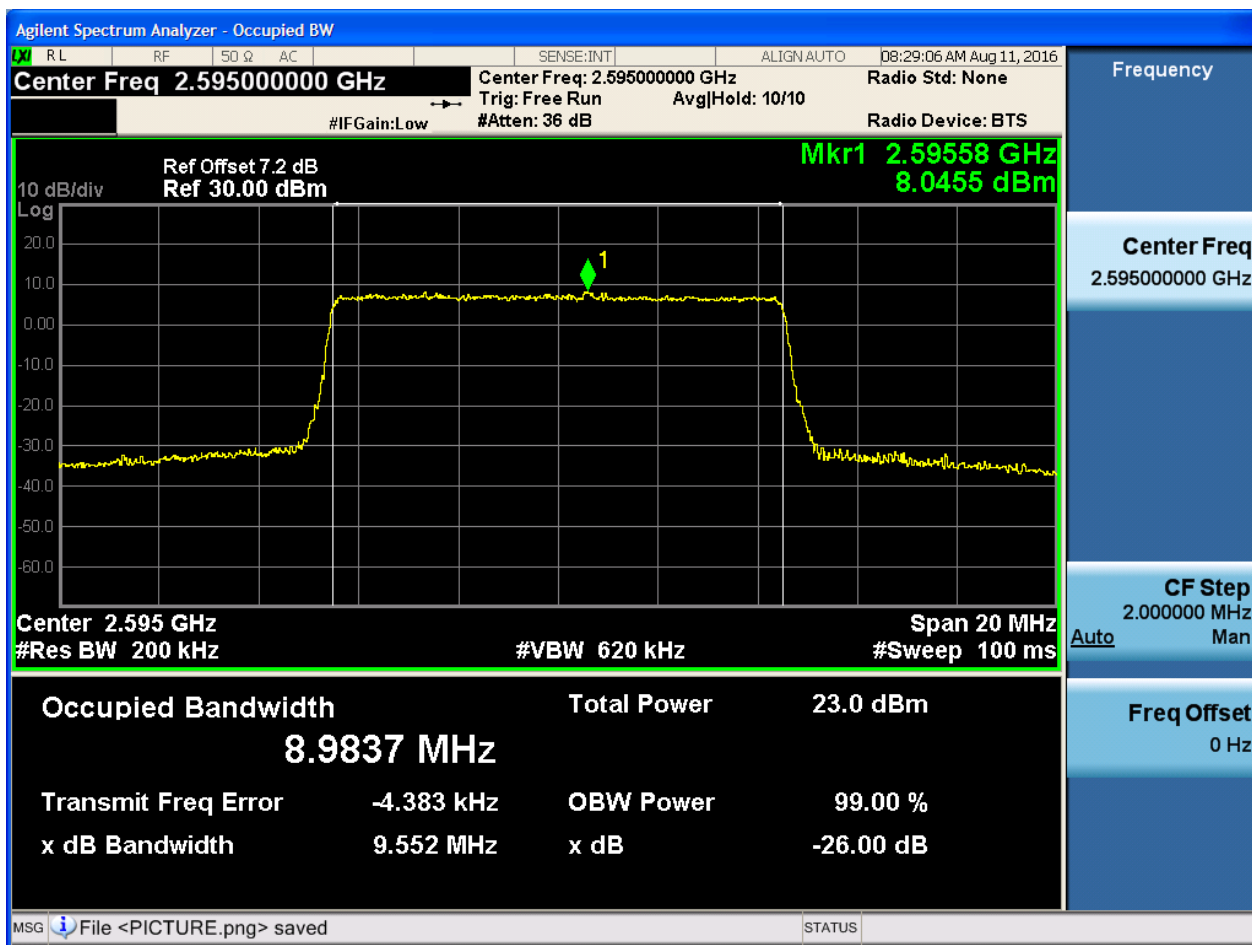
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

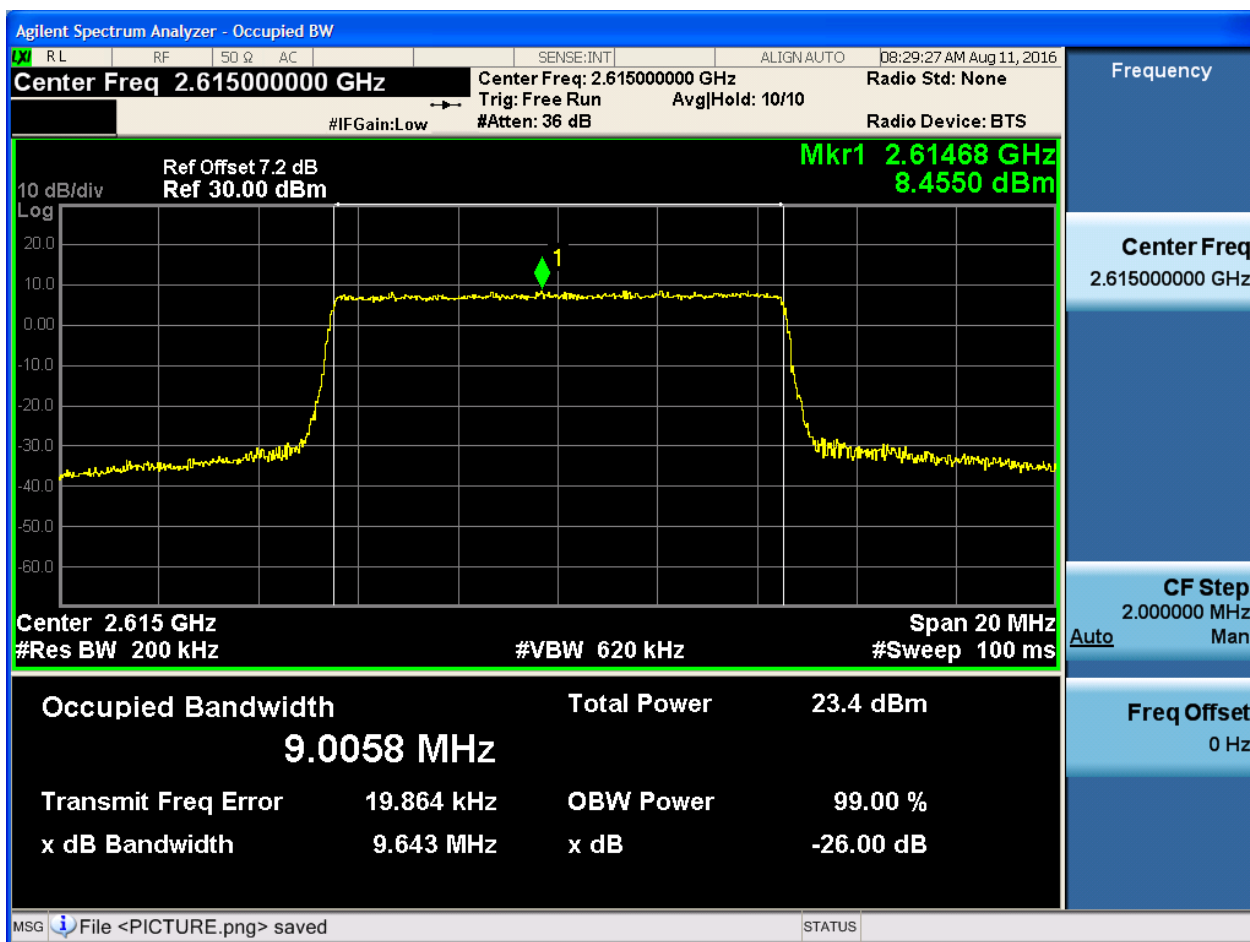
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

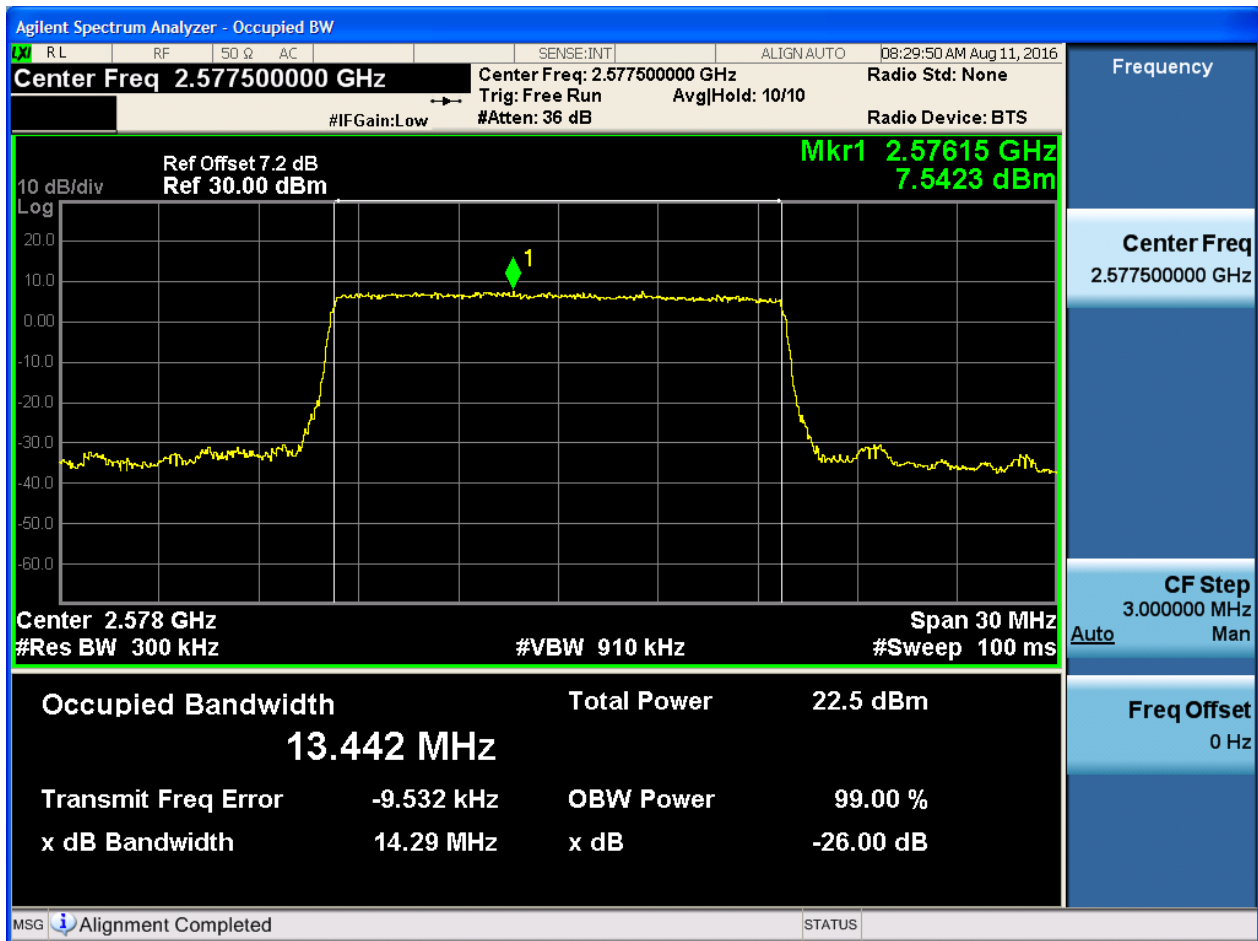




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

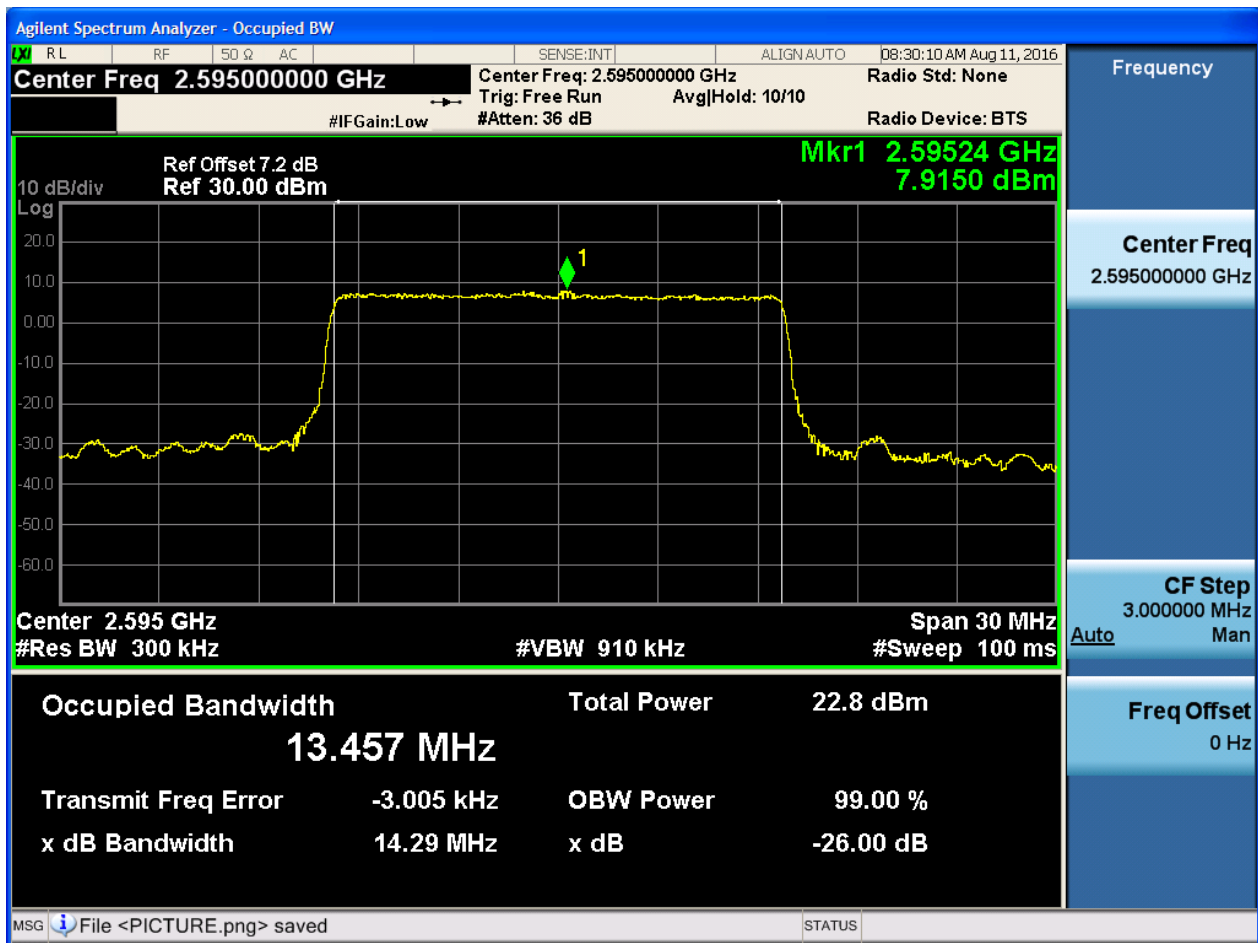
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

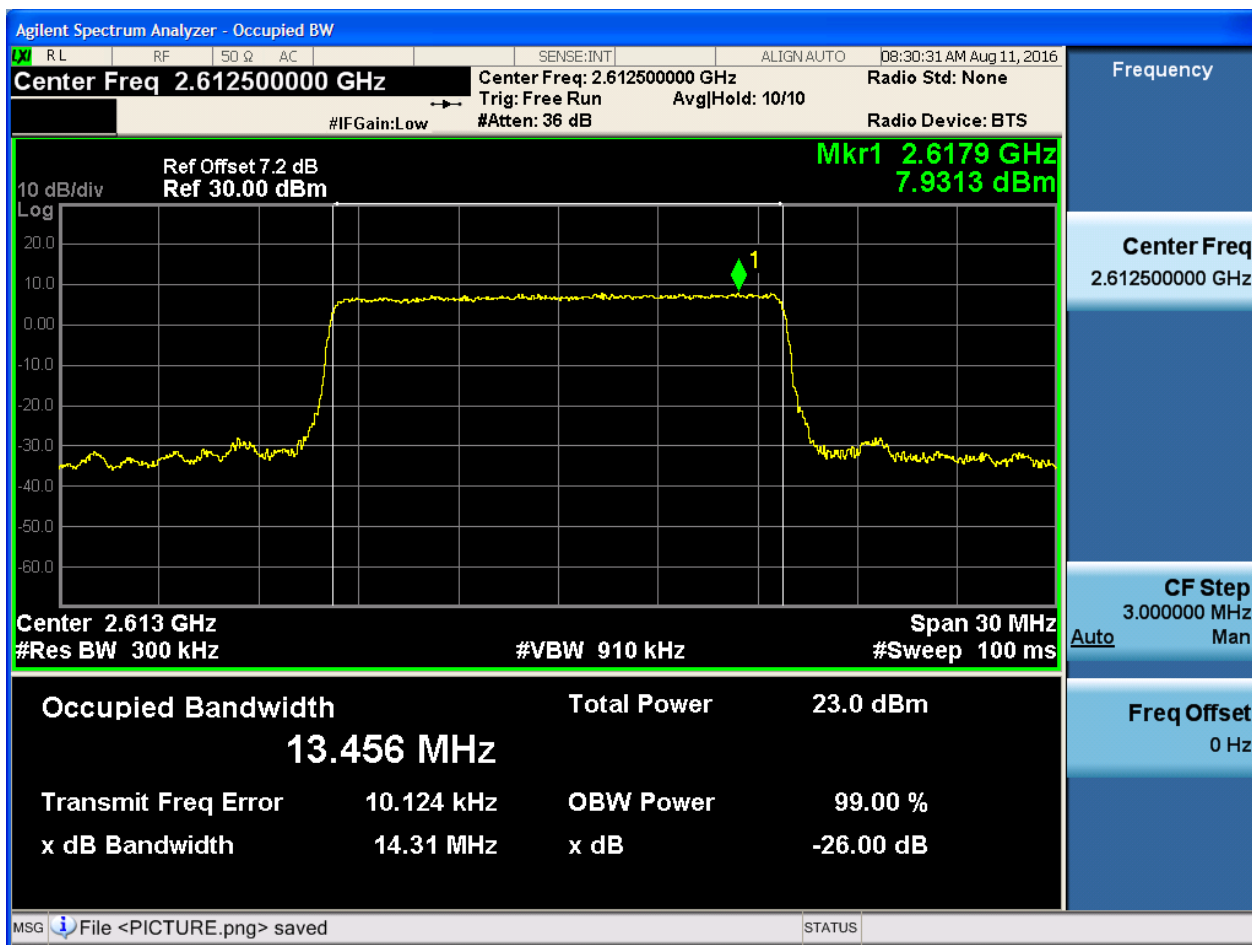
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

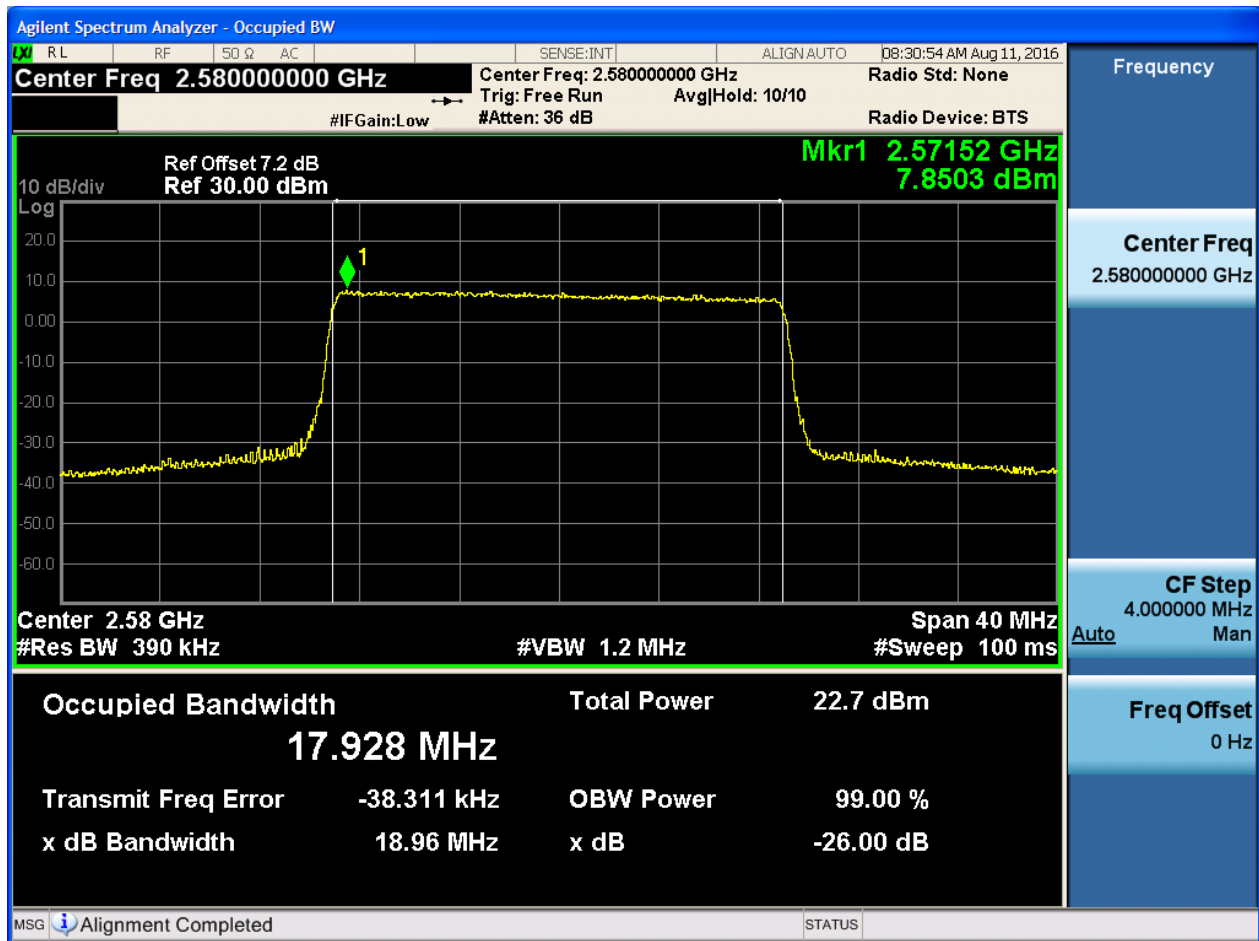




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

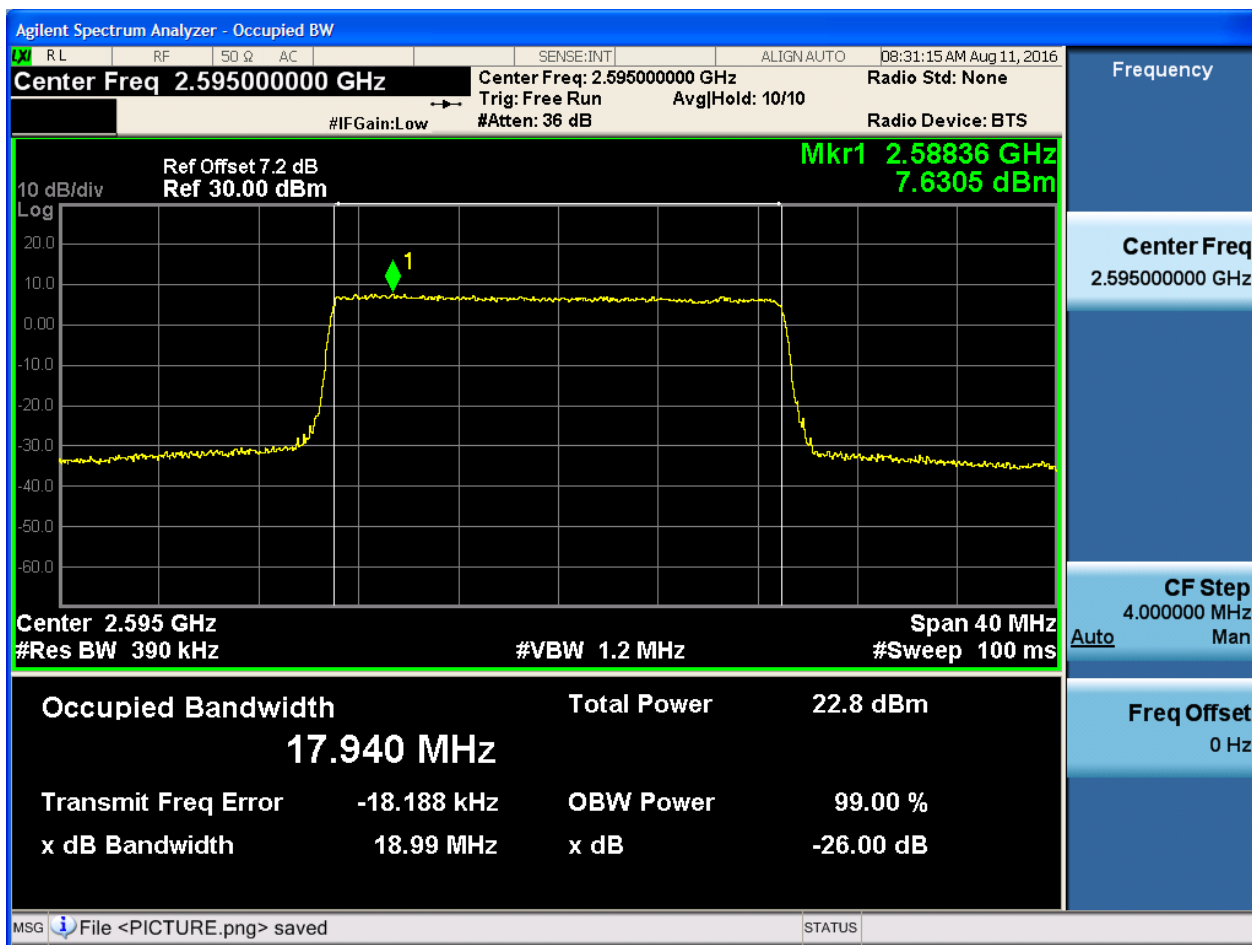
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

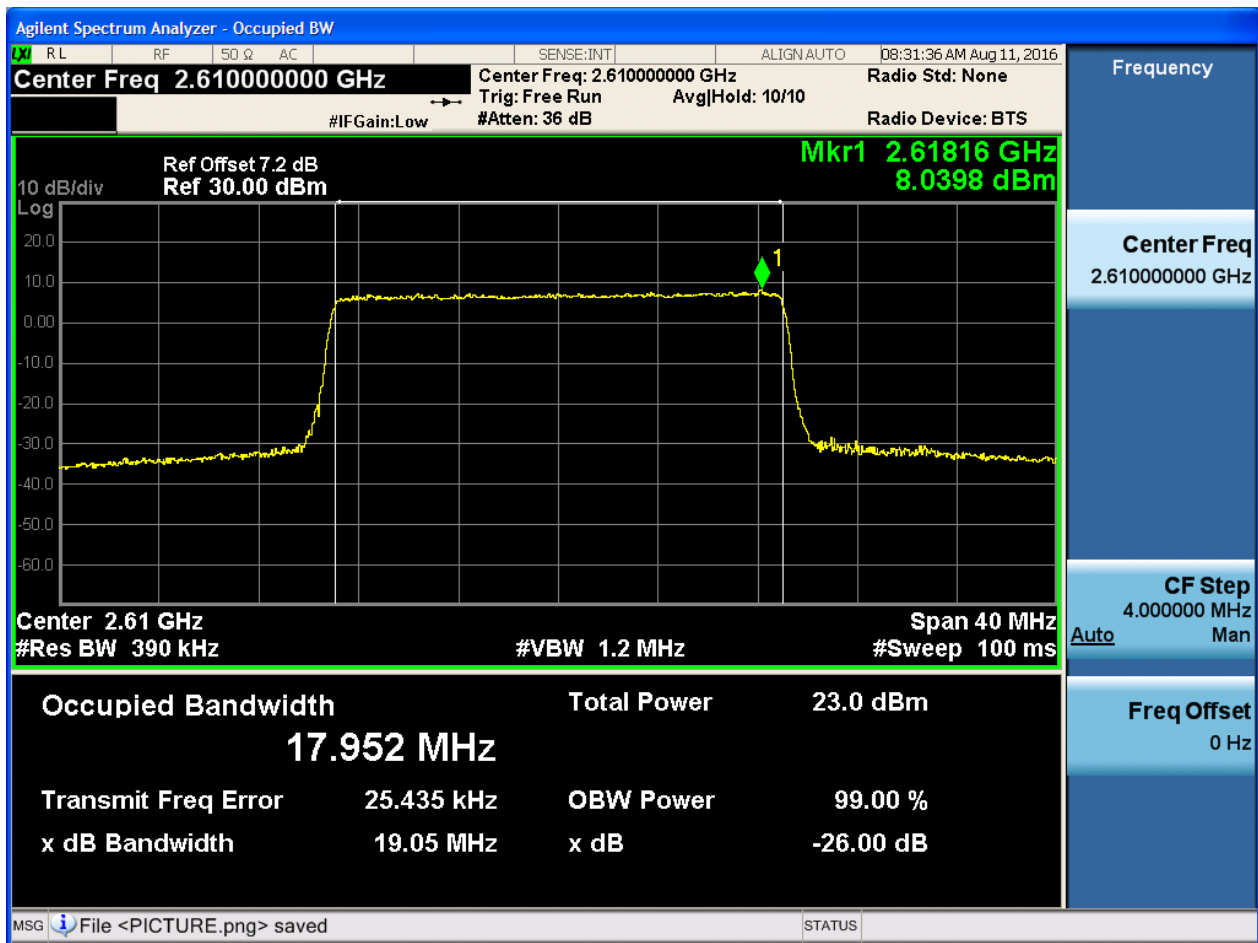
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



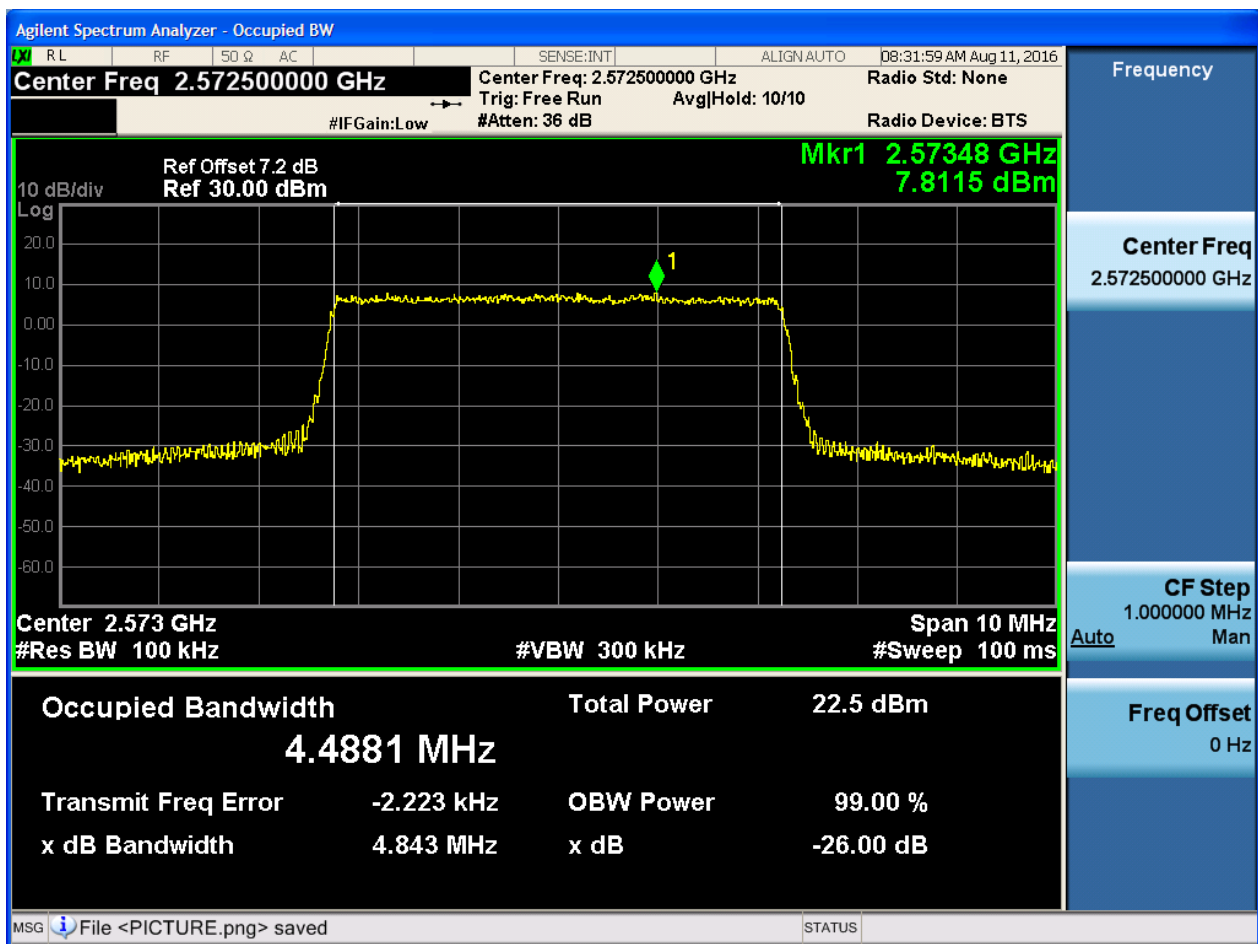


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

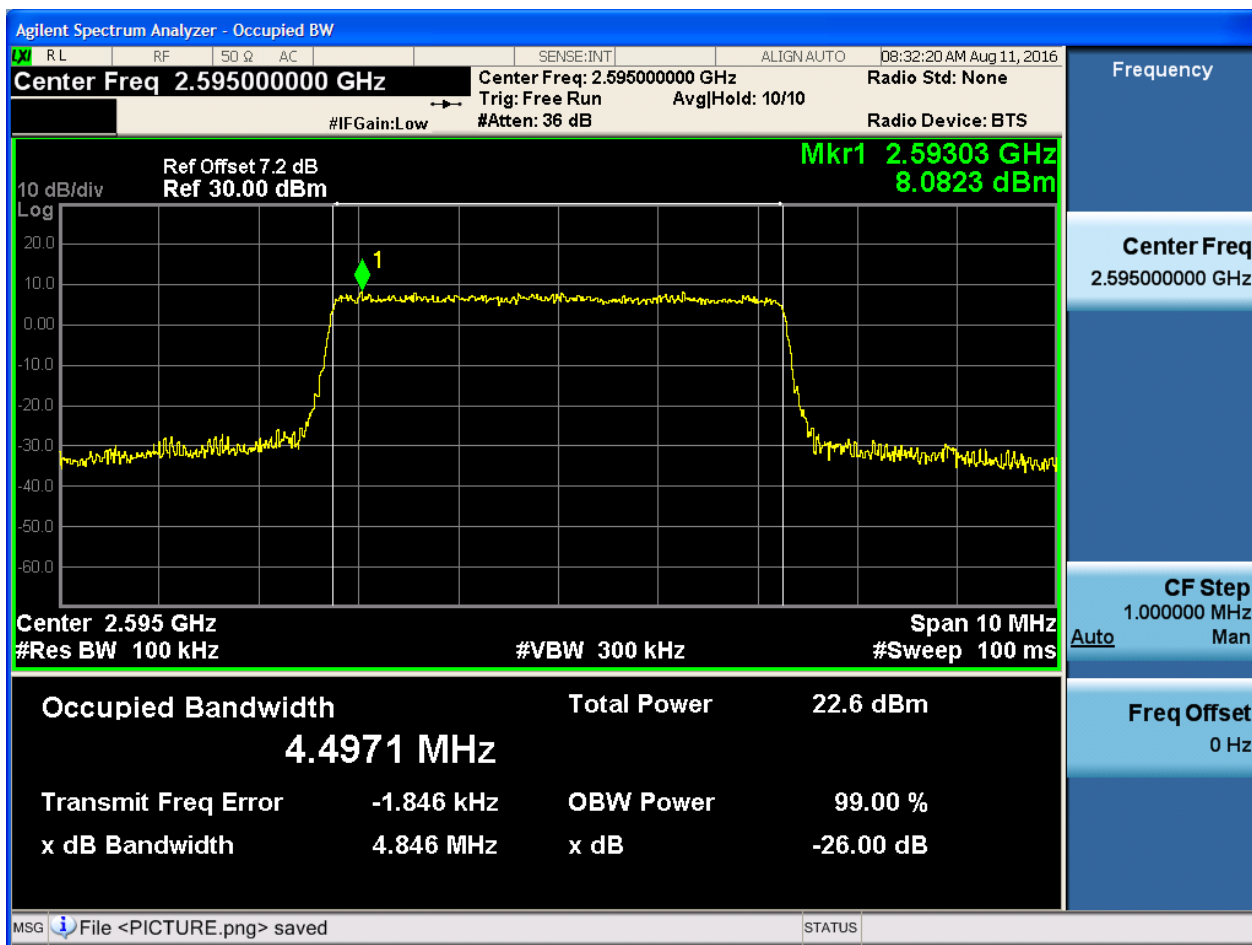
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

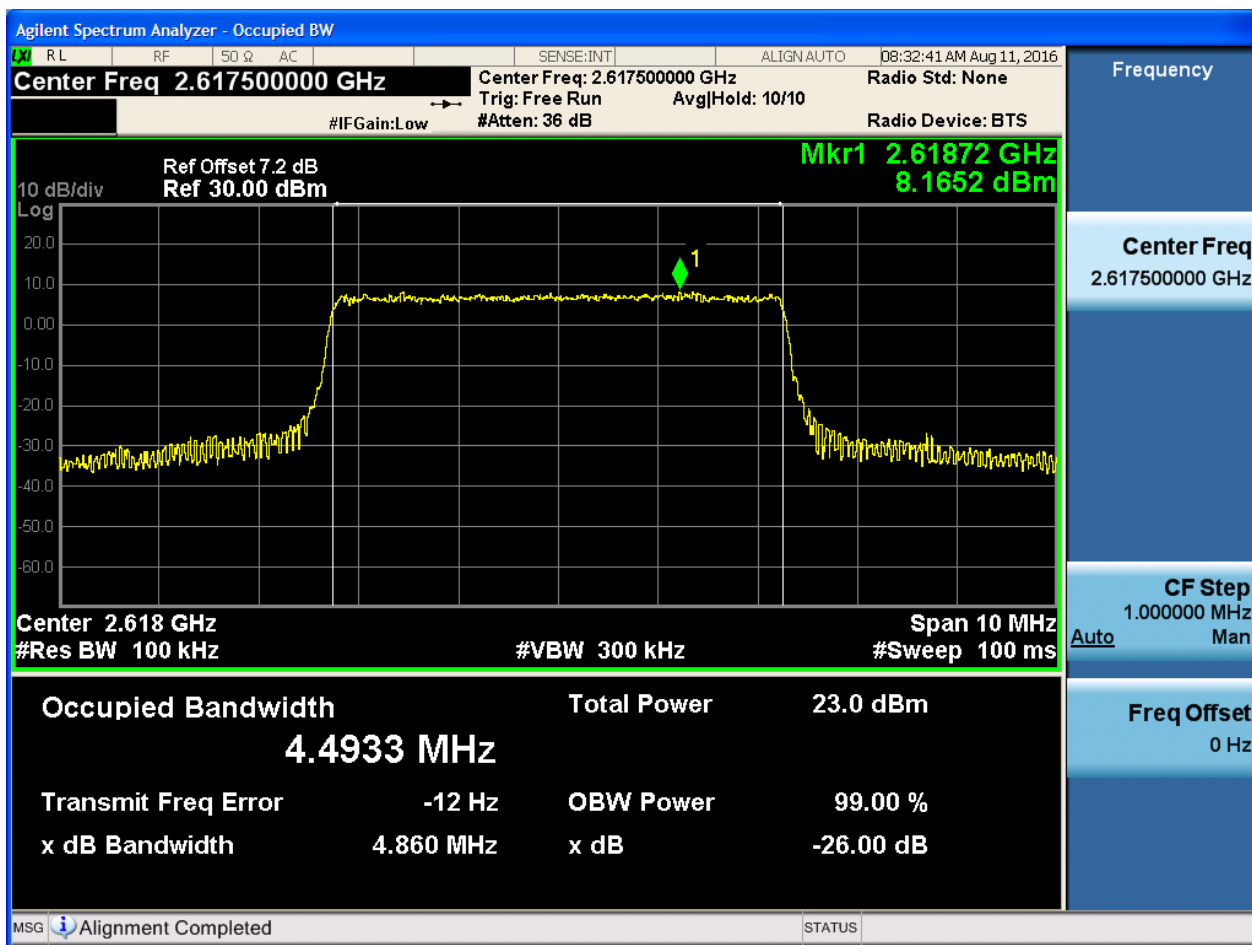
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

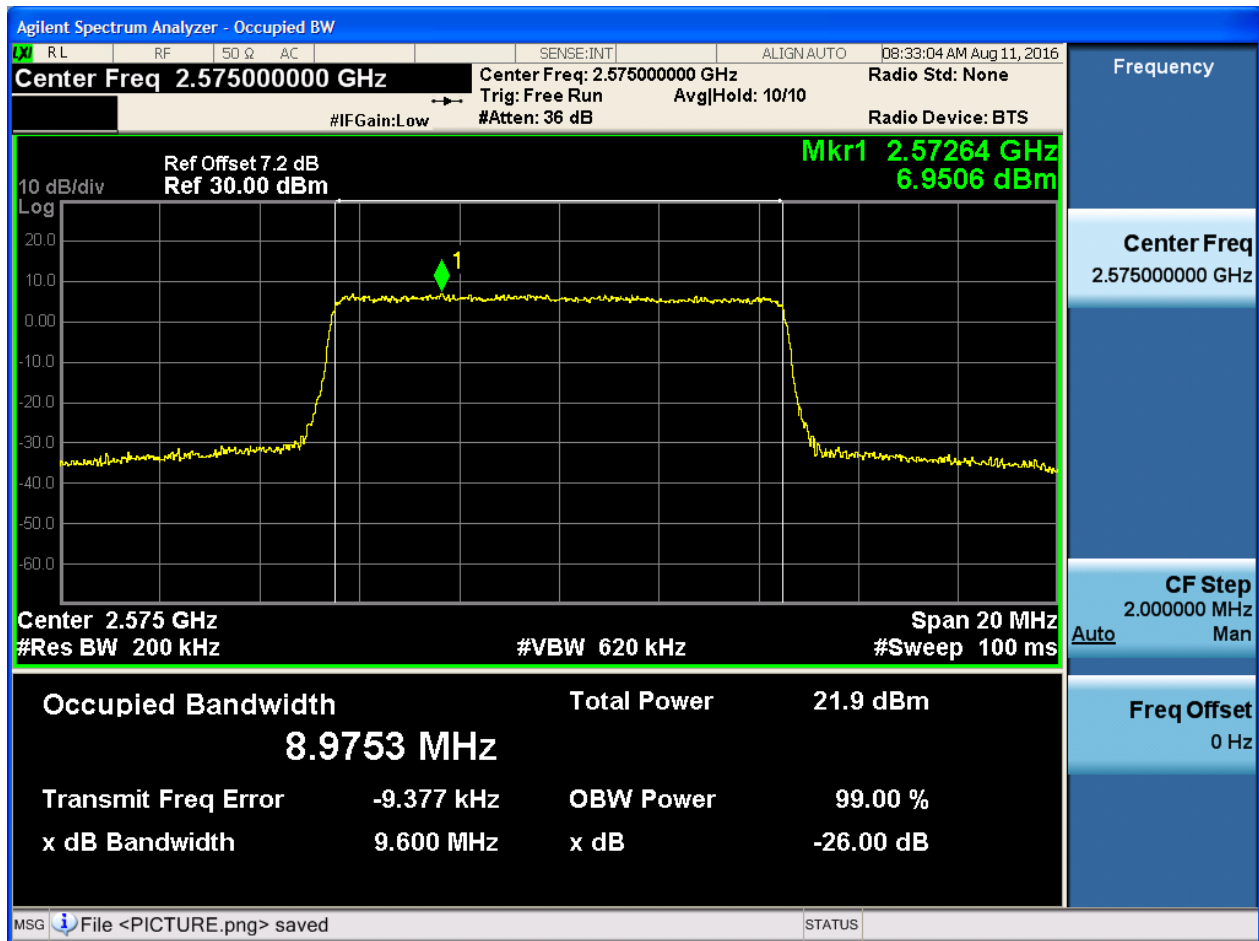




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

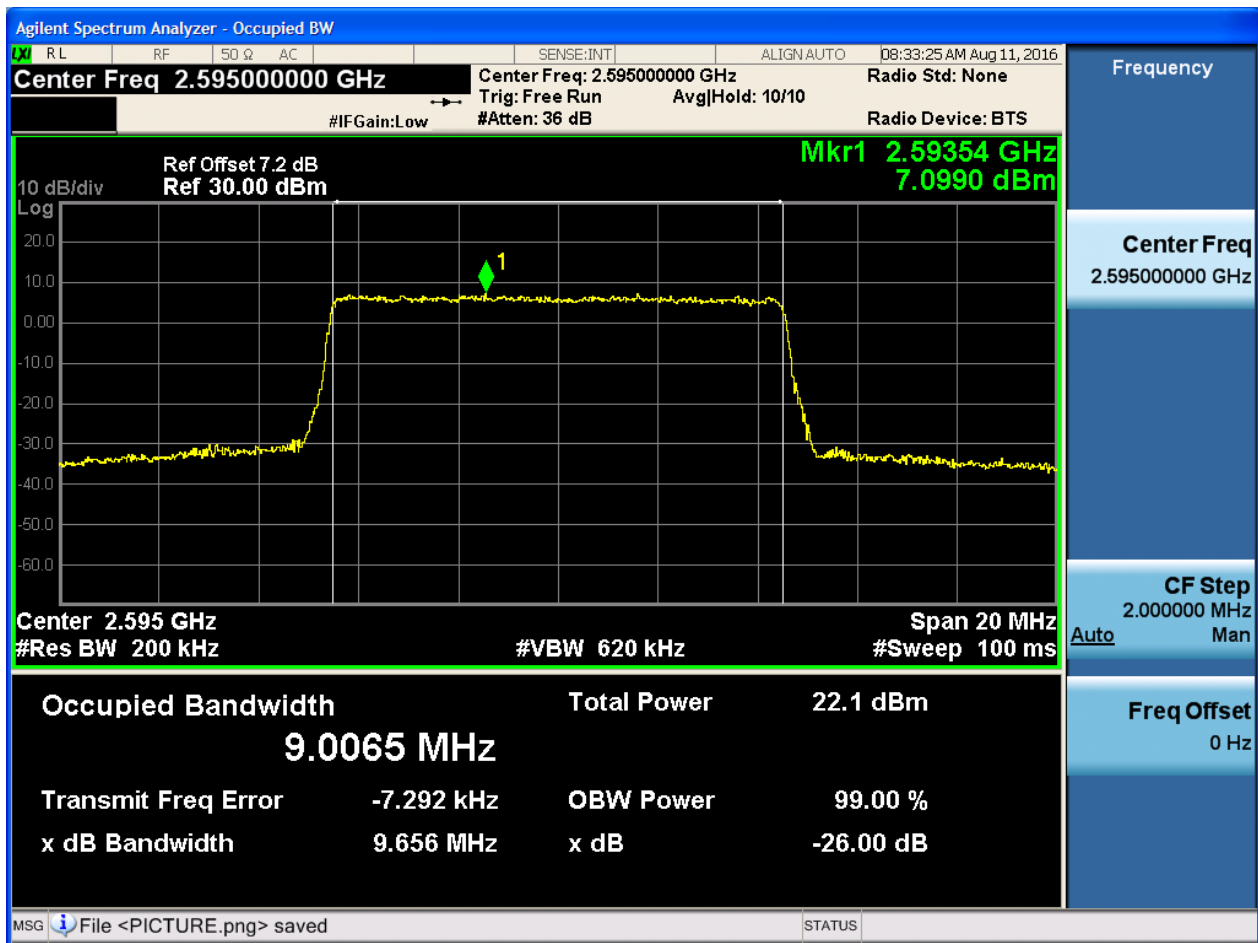
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

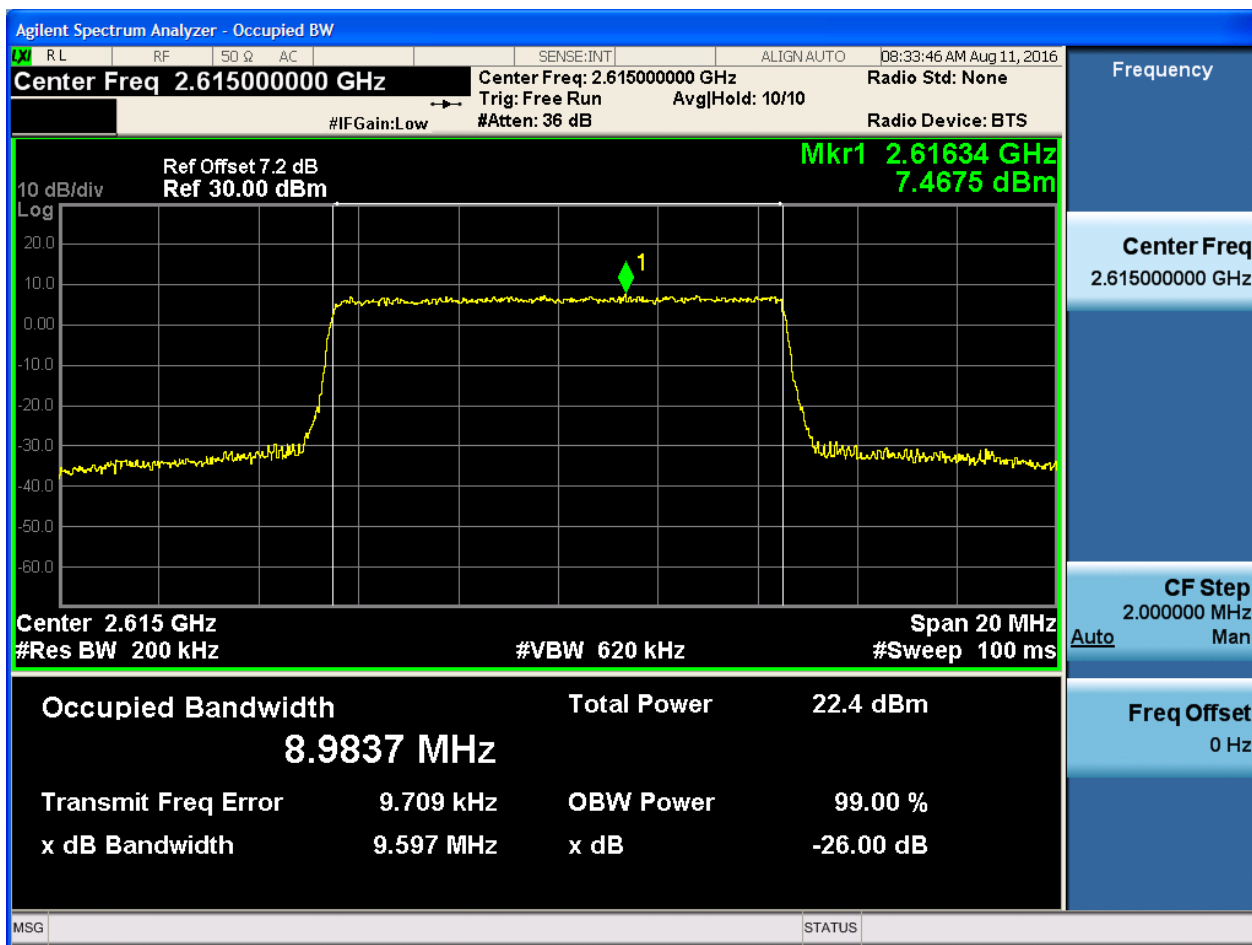
4.1.1.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

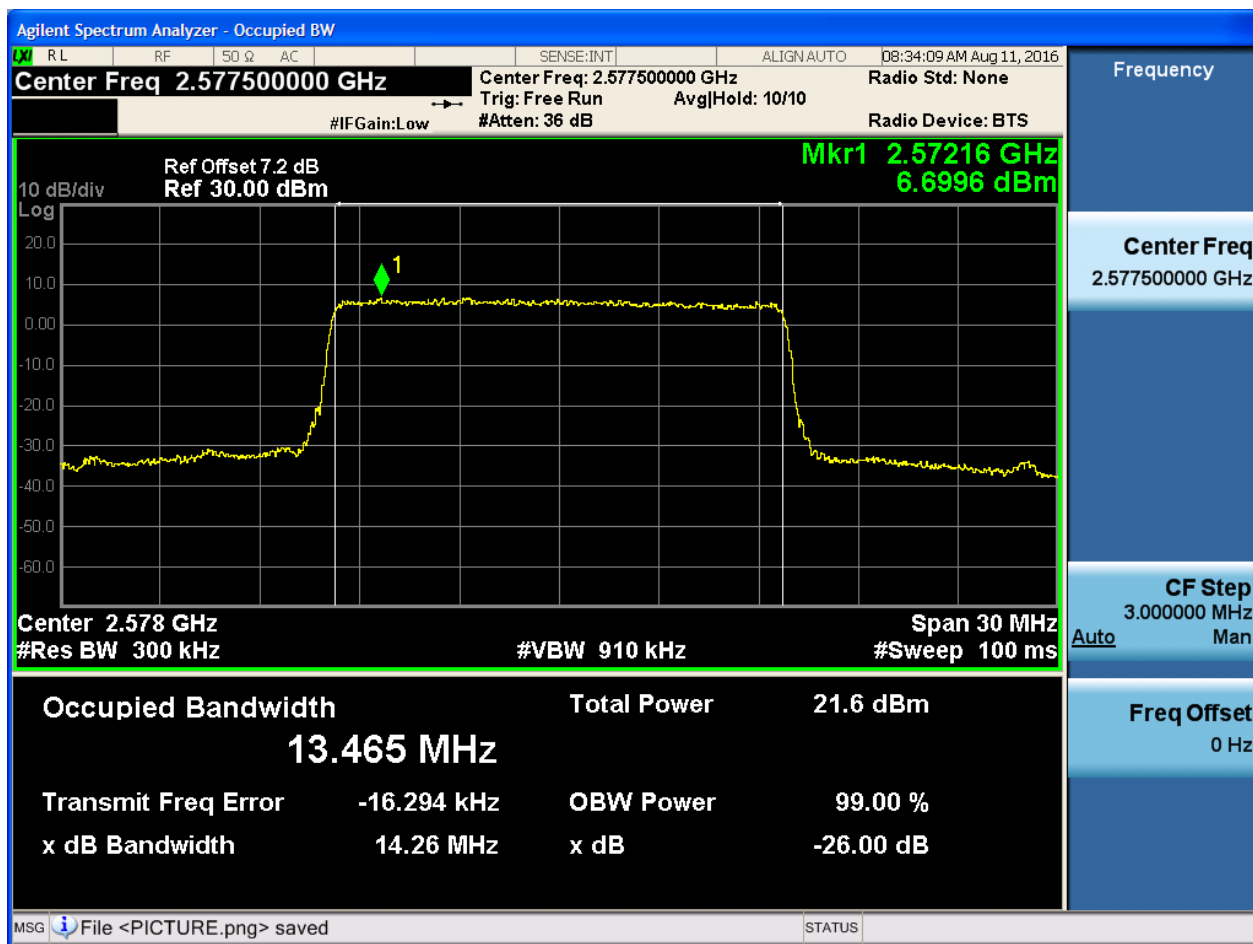




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

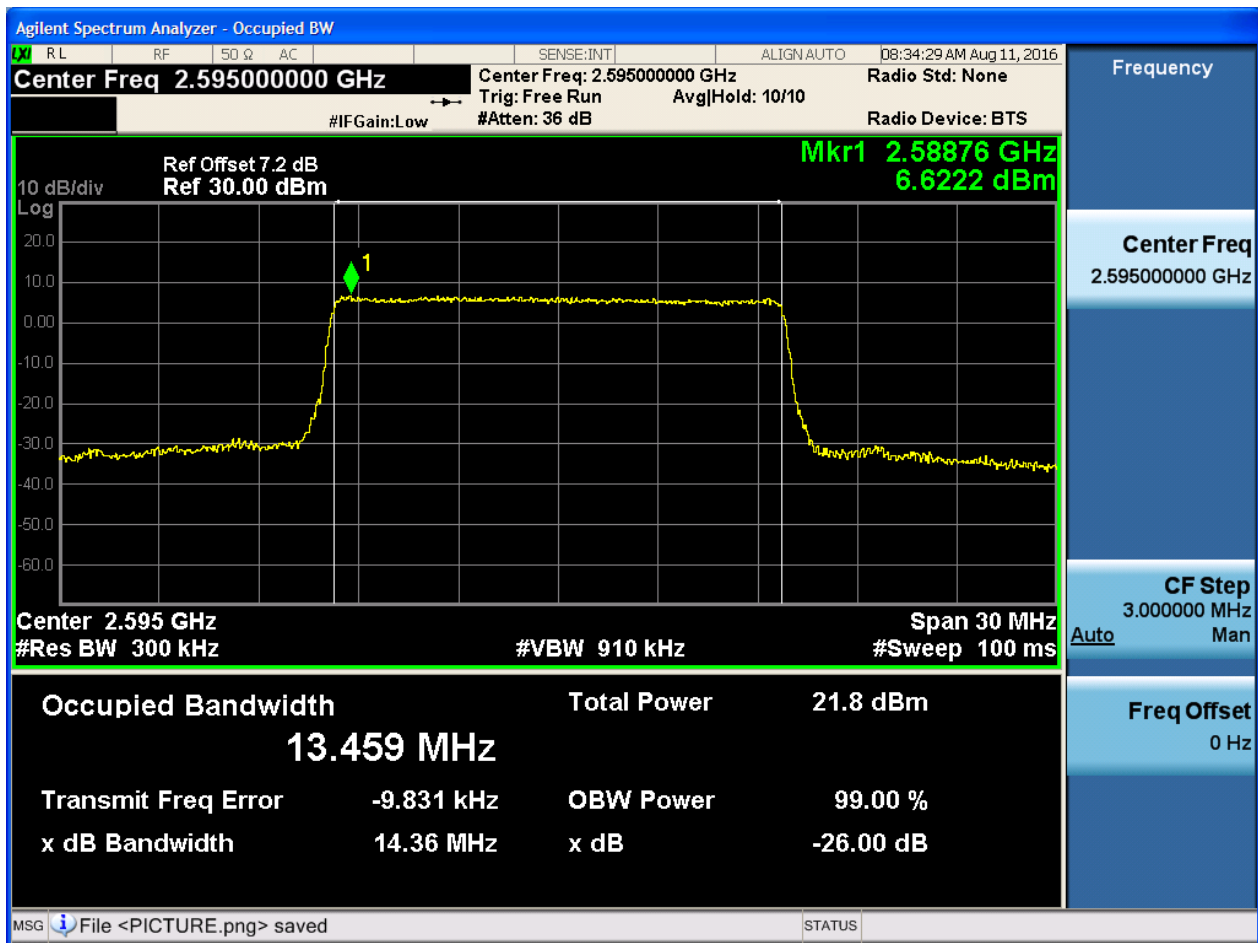
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

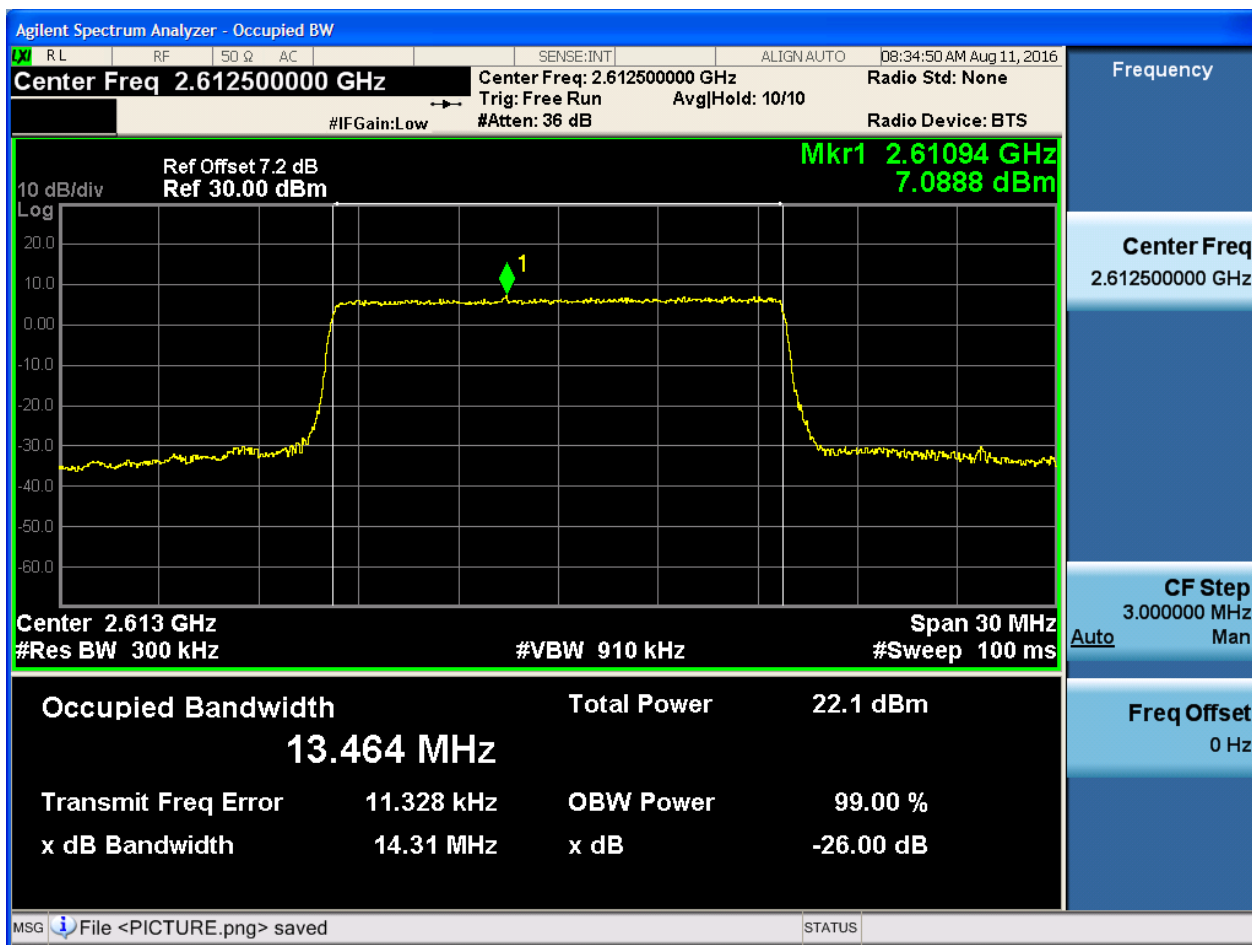
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

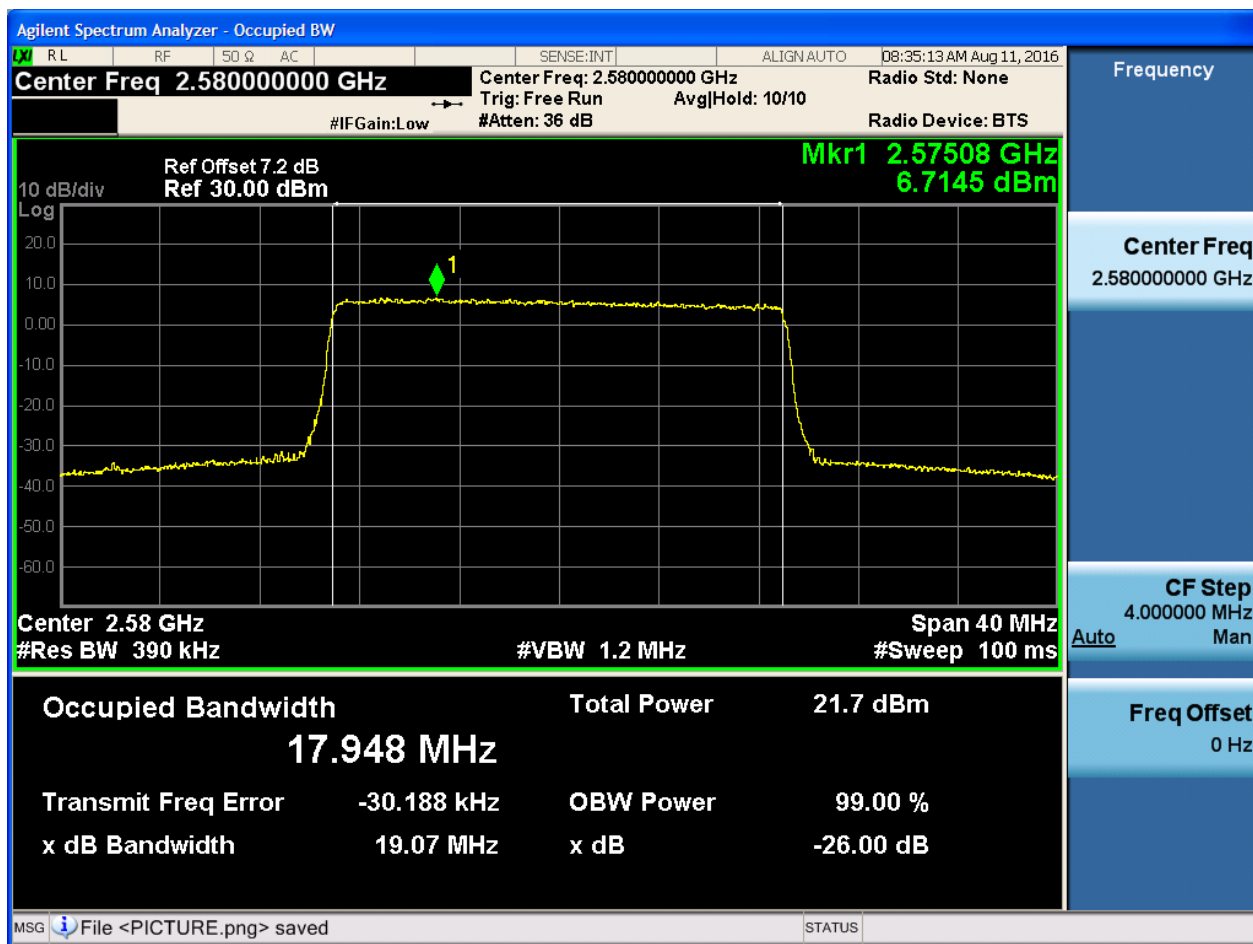




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

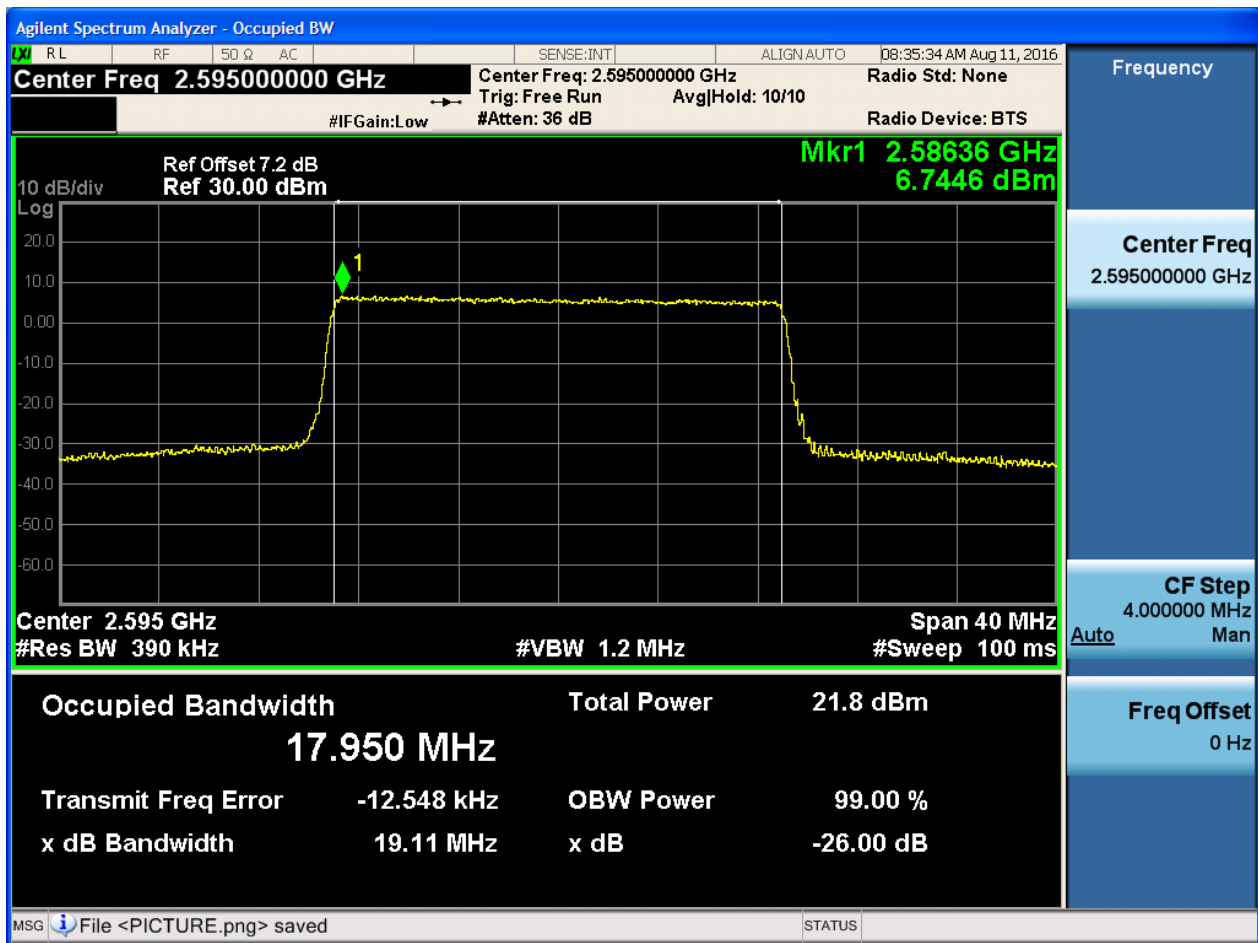
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

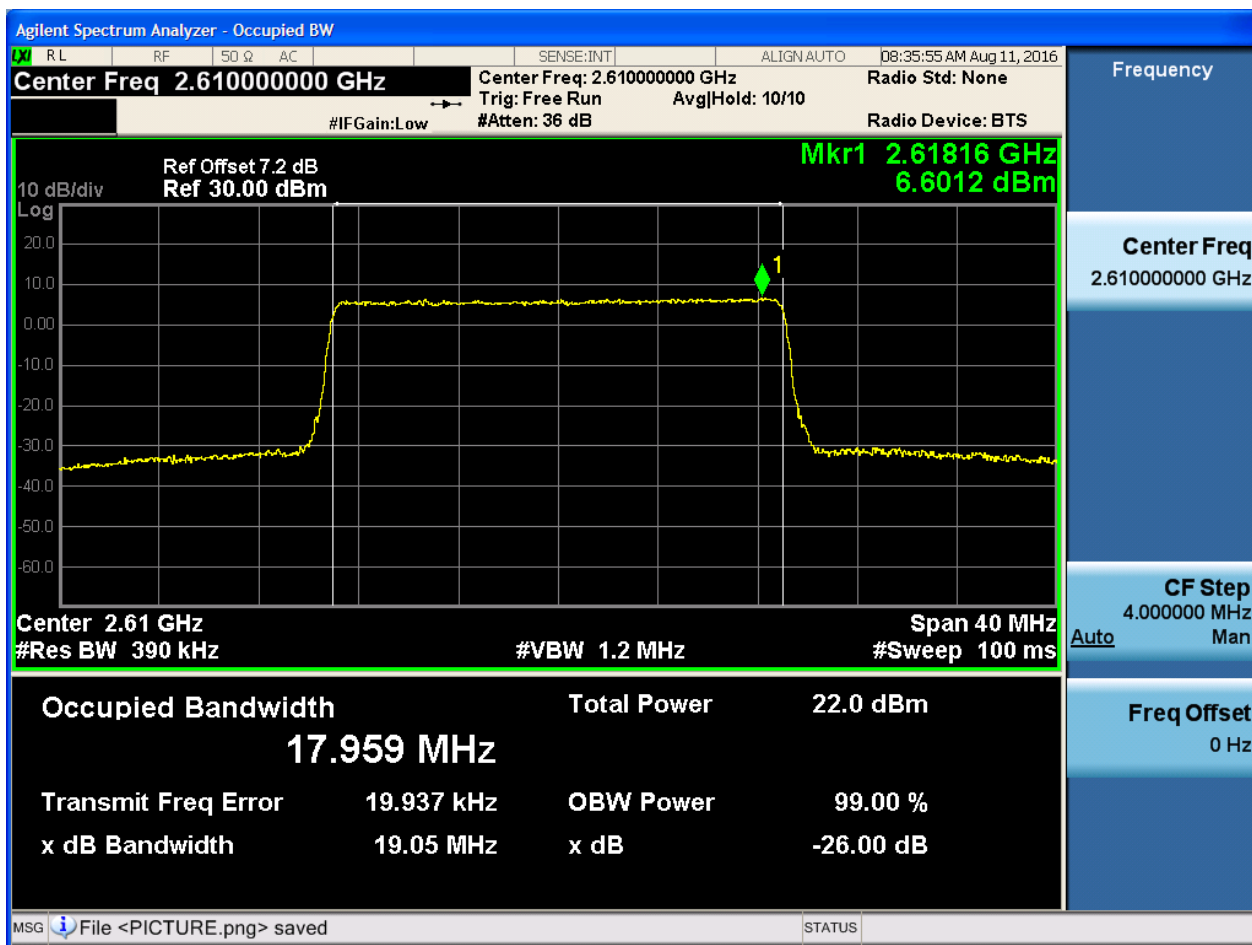
4.1.1.2.4.2.1 Test RB = RB100#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

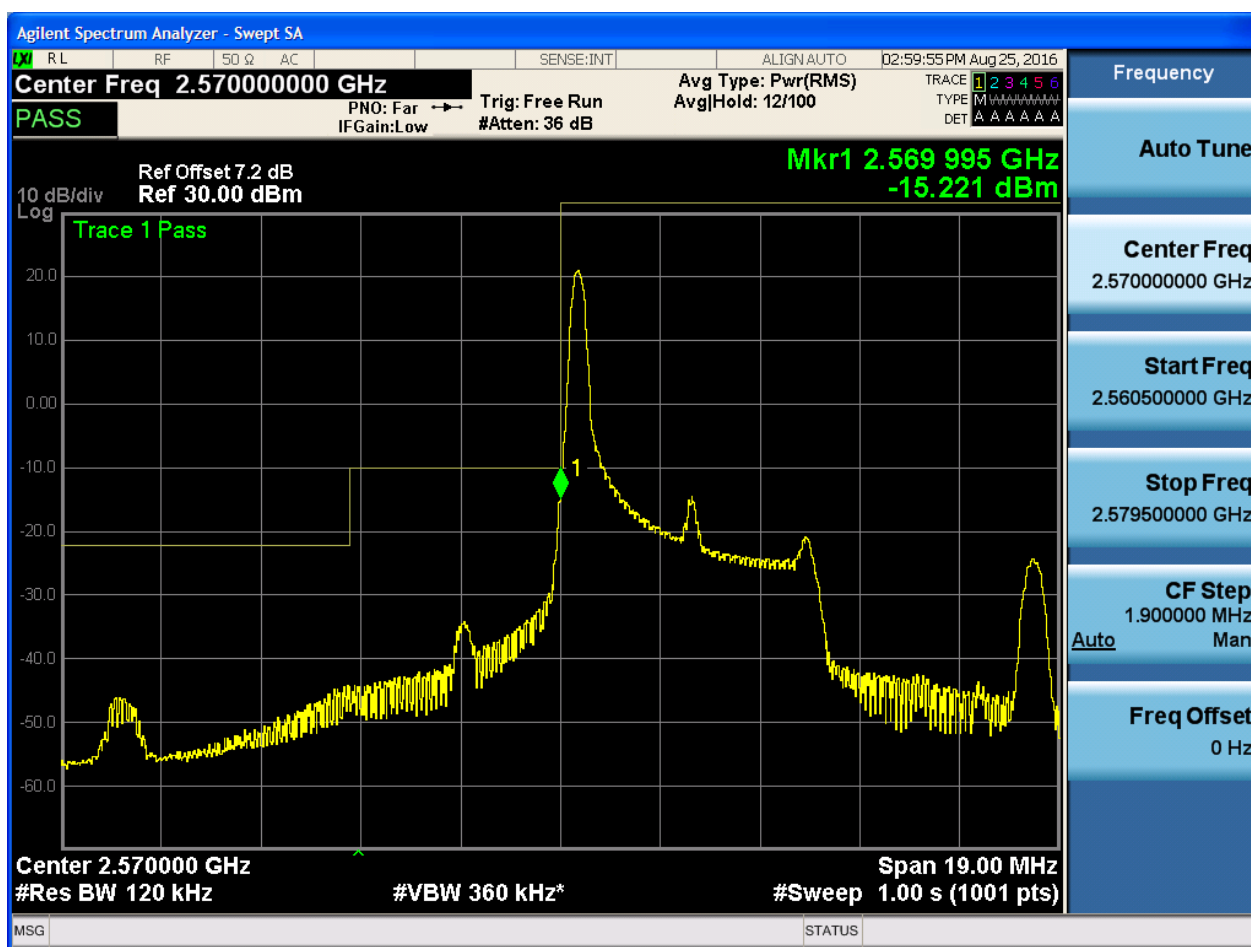
5.1.1 Test Band = BAND38

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

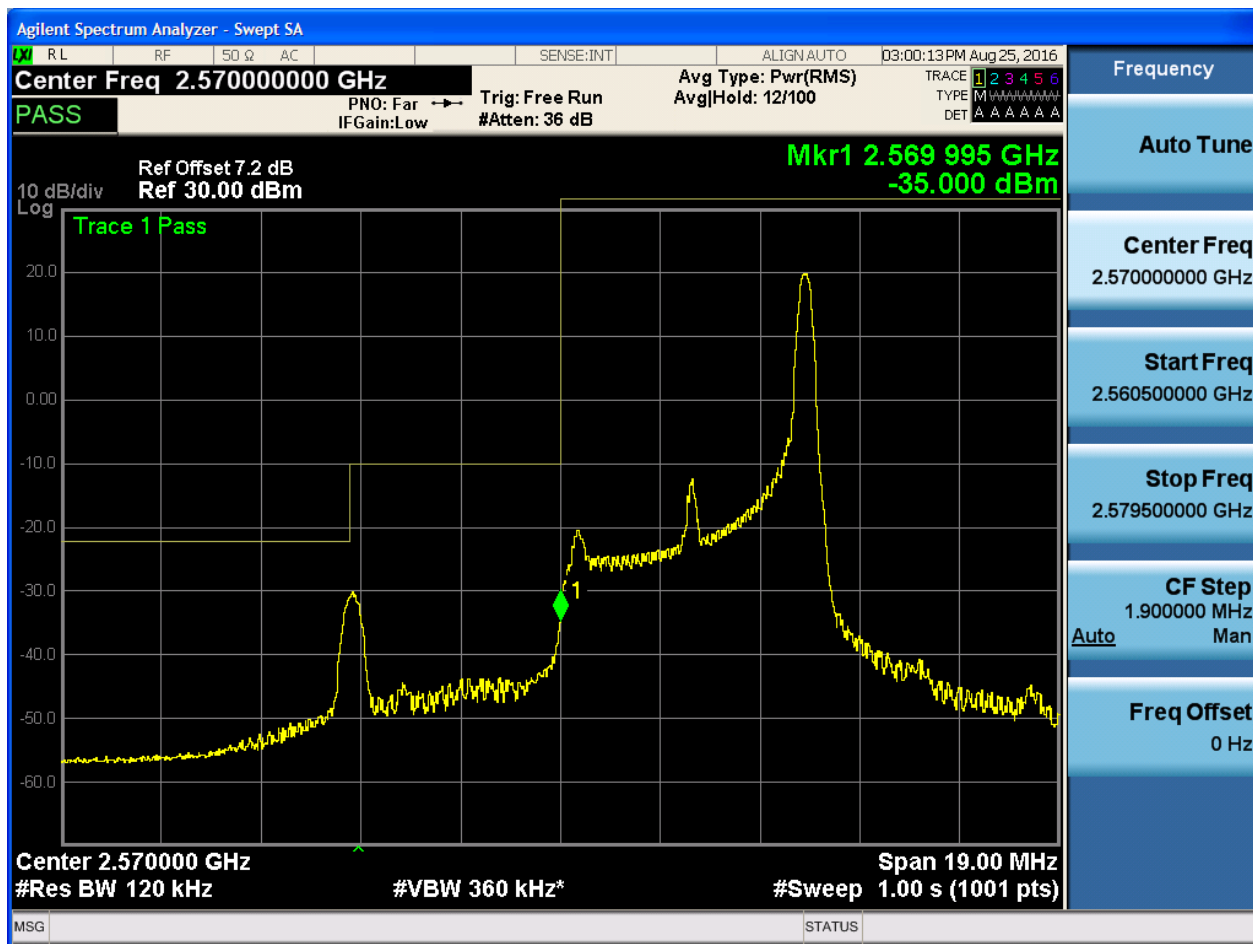
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.2.1.1.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 03:00:31 PM Aug 25, 2016

Center Freq 2.570000000 GHz Avg Type: Pwr(RMS) Trace 1 2 3 4 5 6
PASS PNO: Far Trig: Free Run Avg/Hold: 12/100 TYPE M W W W W W W W W
IFGain: Low #Atten: 36 dB DET A A A A A A

Ref Offset 7.2 dB Mkr1 2.569 995 GHz
Ref 30.00 dBm -30.819 dBm

10 dB/div Log

Trace 1 Pass

Center 2.570000 GHz Span 19.00 MHz
#Res BW 120 kHz #VBW 360 kHz* #Sweep 1.00 s (1001 pts)

MSG Alignment Completed STATUS



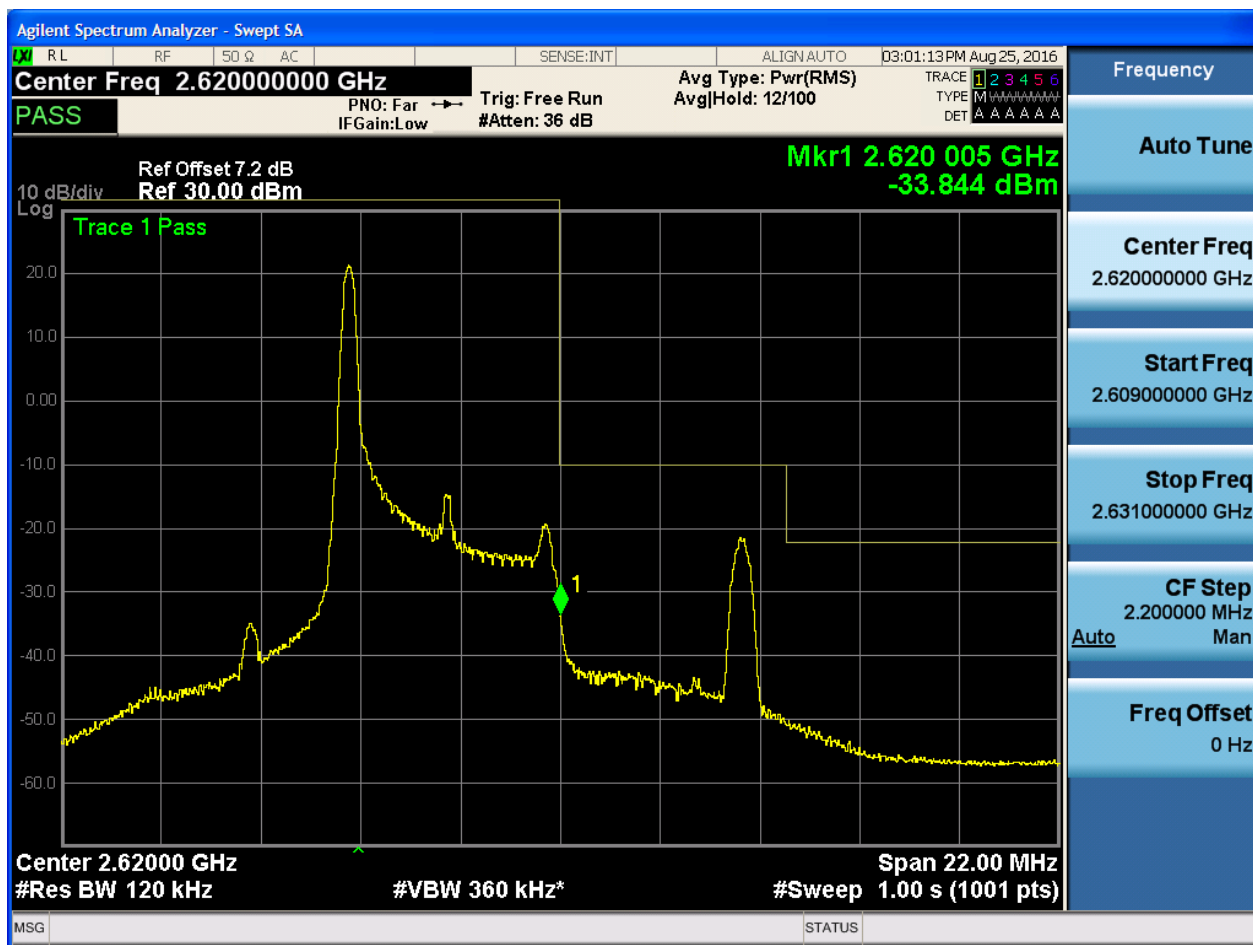
5.2.1.1.1.4 Test RB = RB25#0





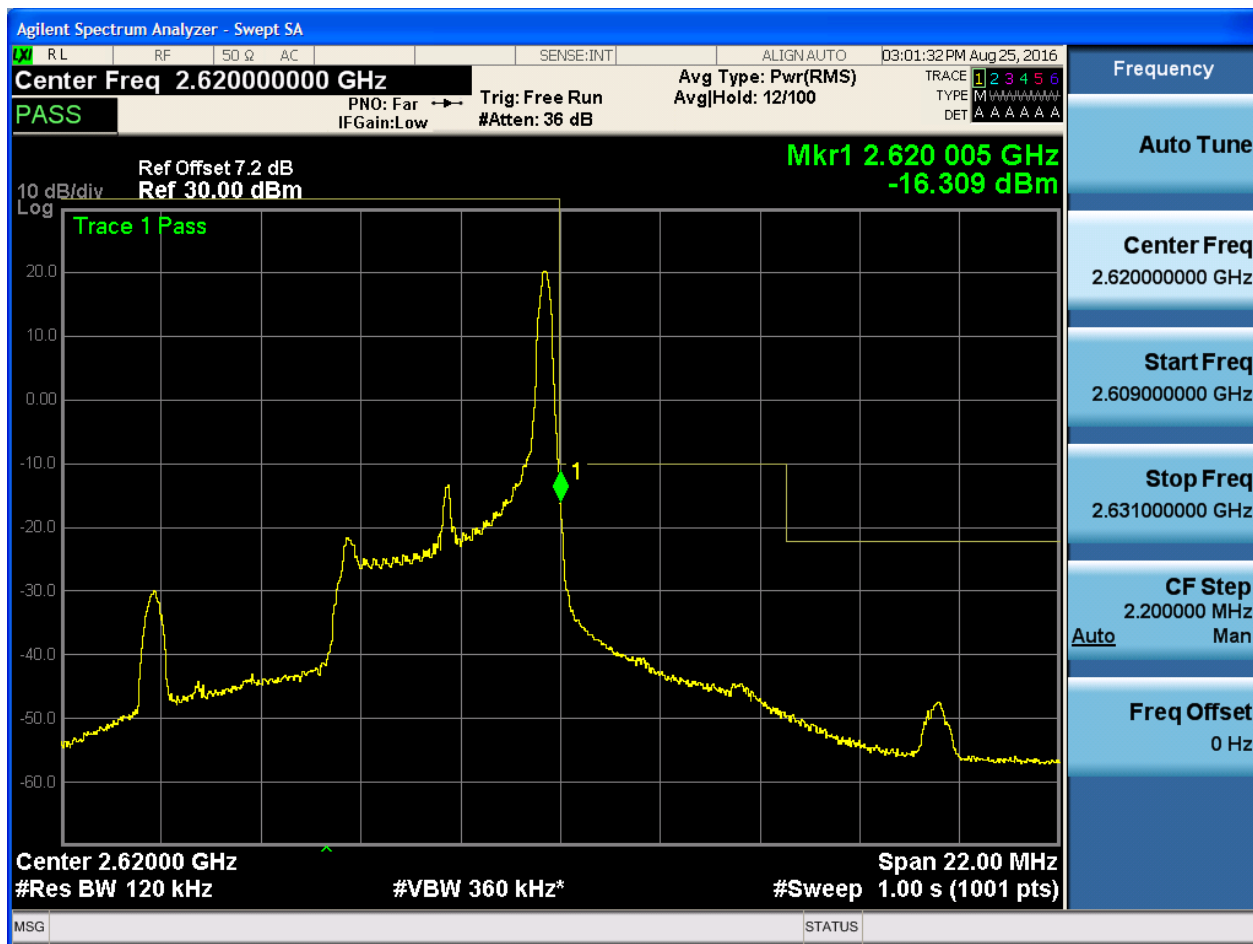
5.2.1.1.1.2 Test Channel = HCH

5.2.1.1.1.2.1 Test RB = RB1#0



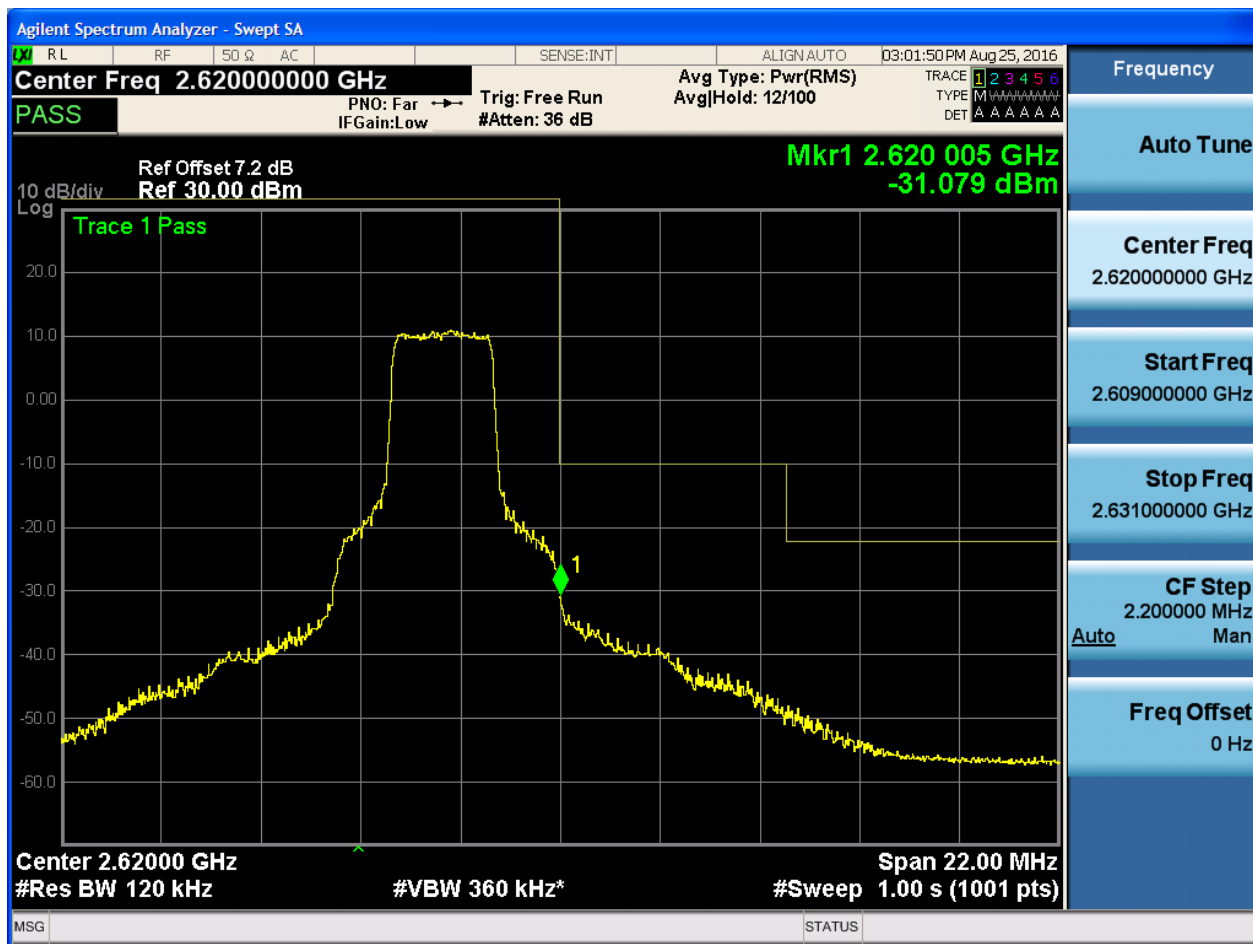


5.2.1.1.1.2.2 Test RB = RB1#24





5.2.1.1.1.2.3 Test RB = RB12#6





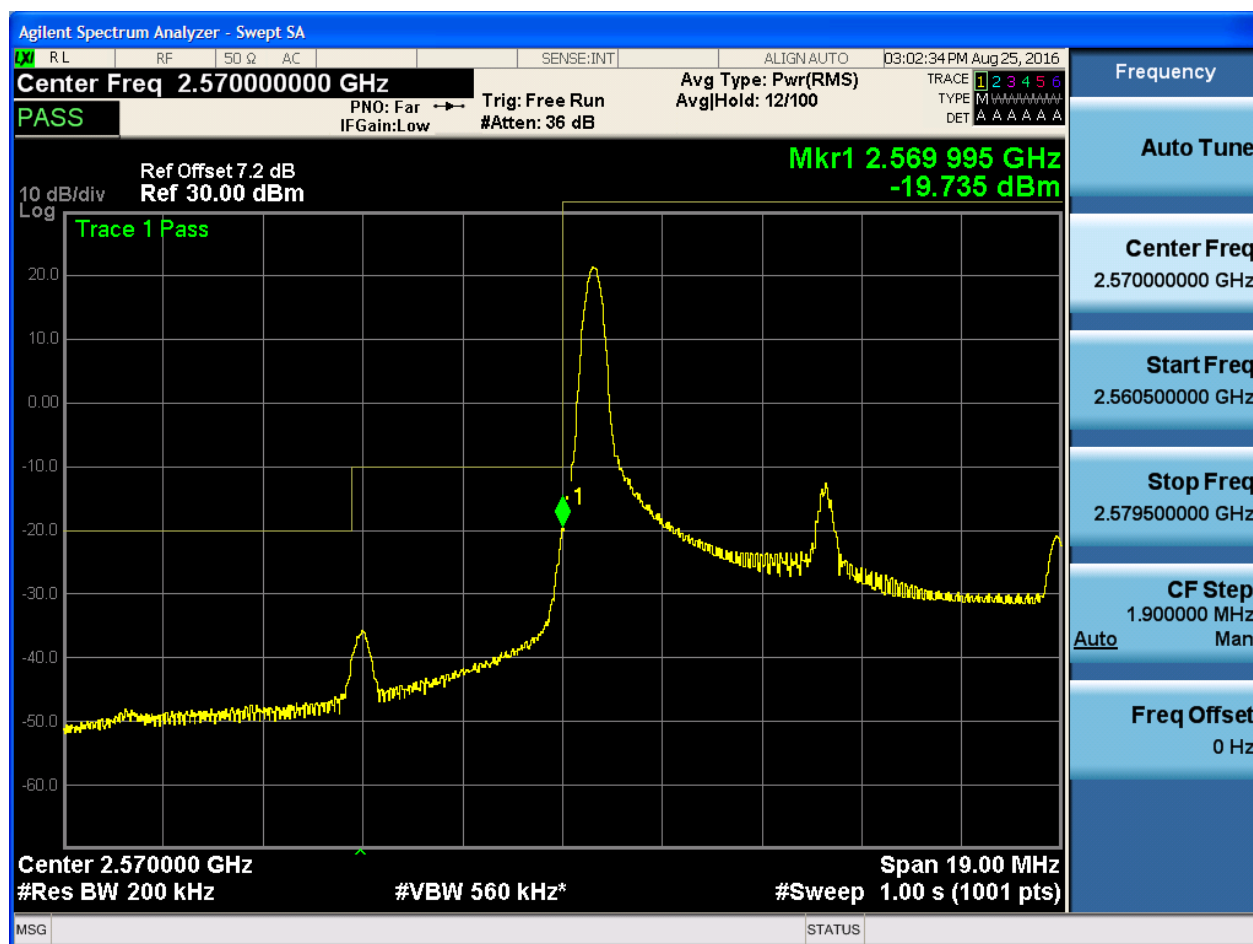
5.2.1.1.1.2.4 Test RB = RB25#0



5.2.1.1.2 Test Bandwidth = 10

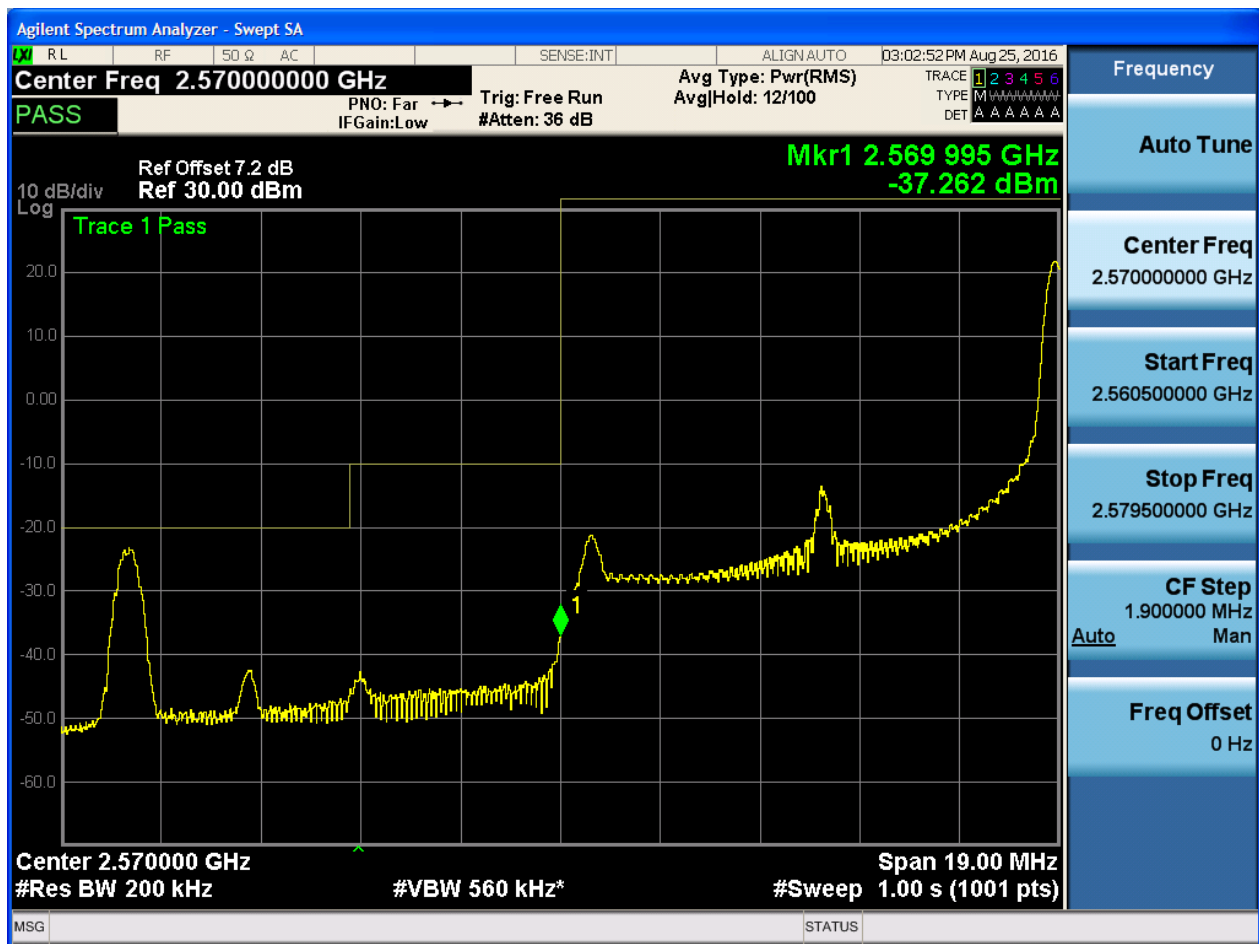
5.2.1.1.2.1 Test Channel = LCH

5.2.1.1.2.1.1 Test RB = RB1#0





5.2.1.1.2.1.2 Test RB = RB1#49



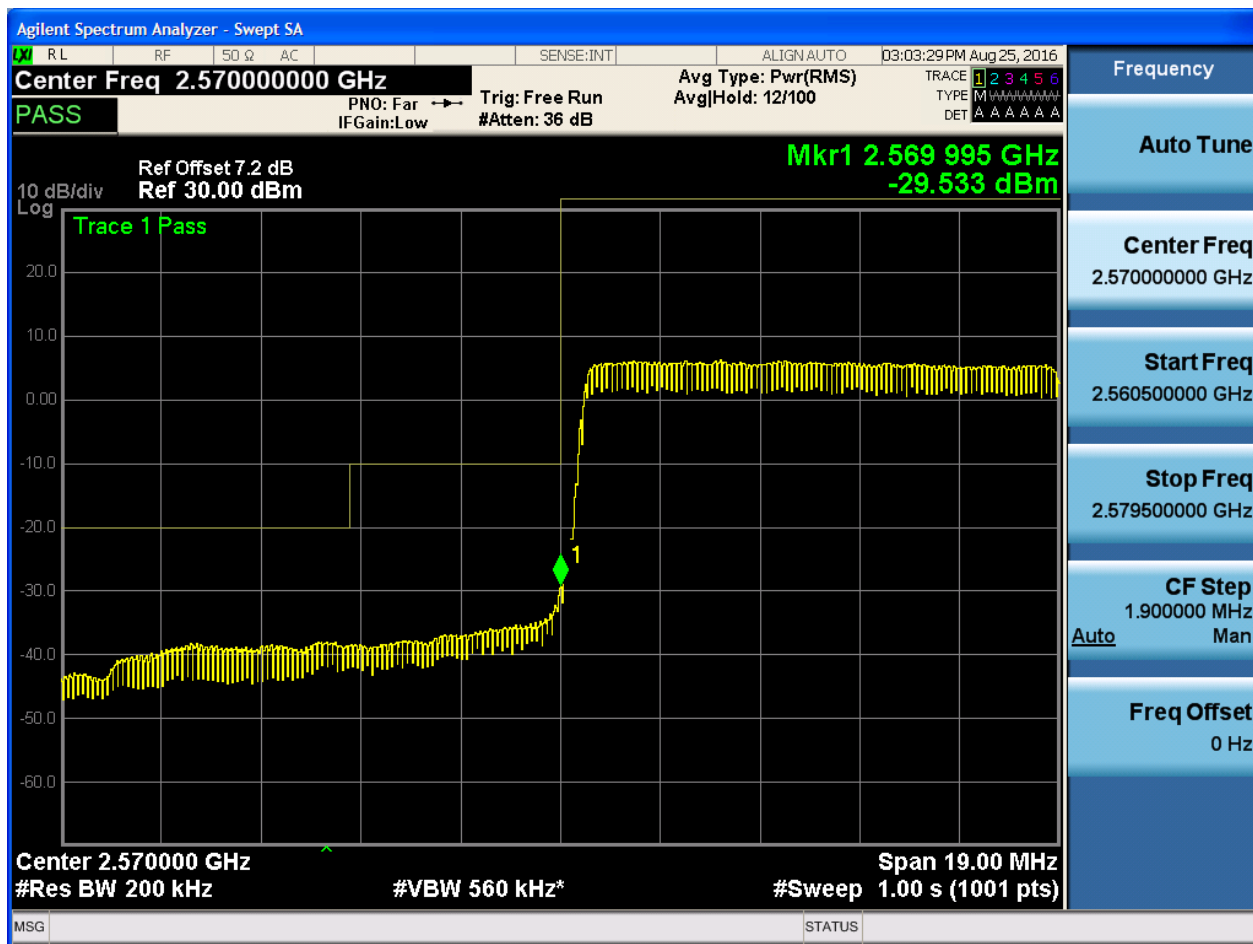


5.2.1.1.2.1.3 Test RB = RB25#13





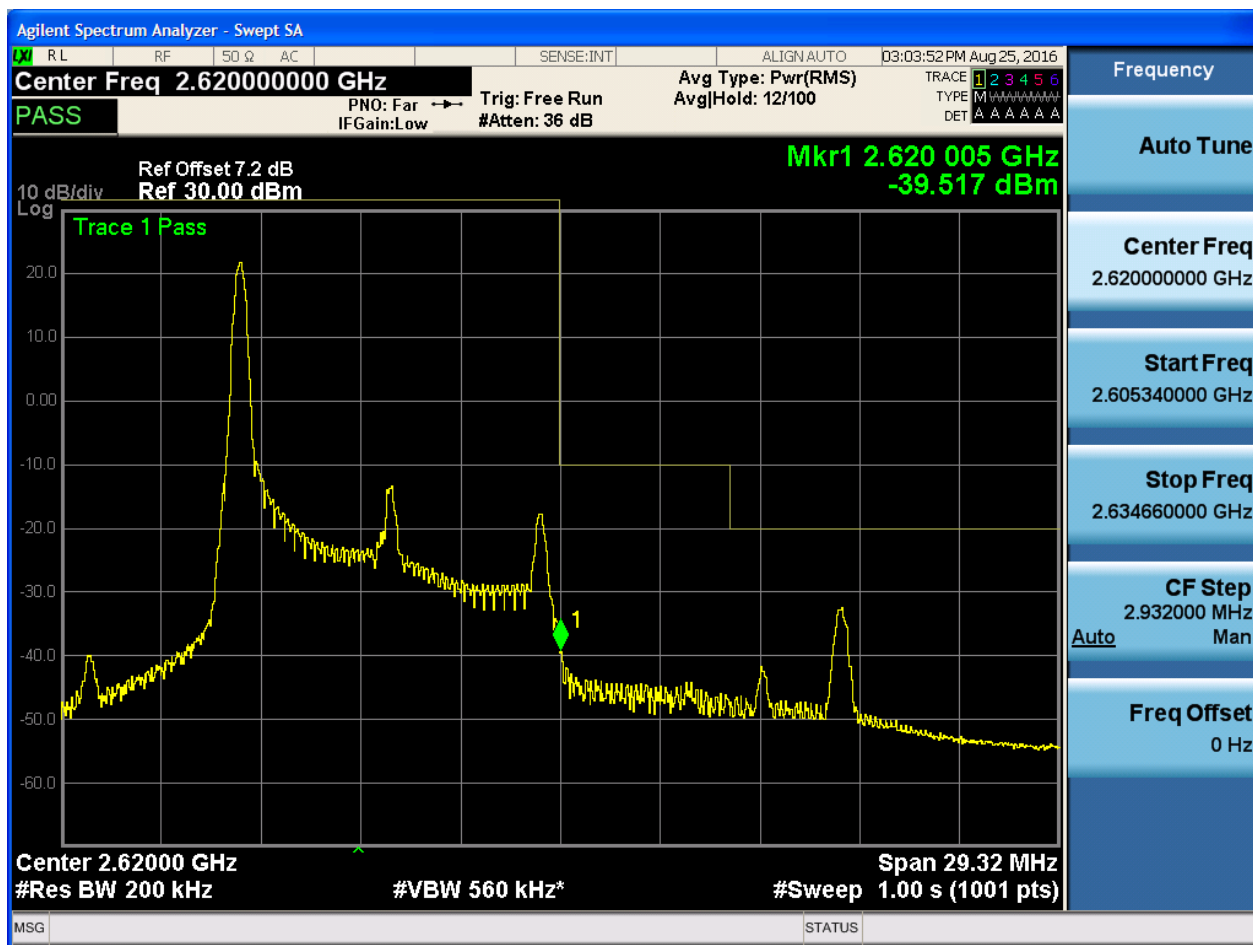
5.2.1.1.2.1.4 Test RB = RB50#0





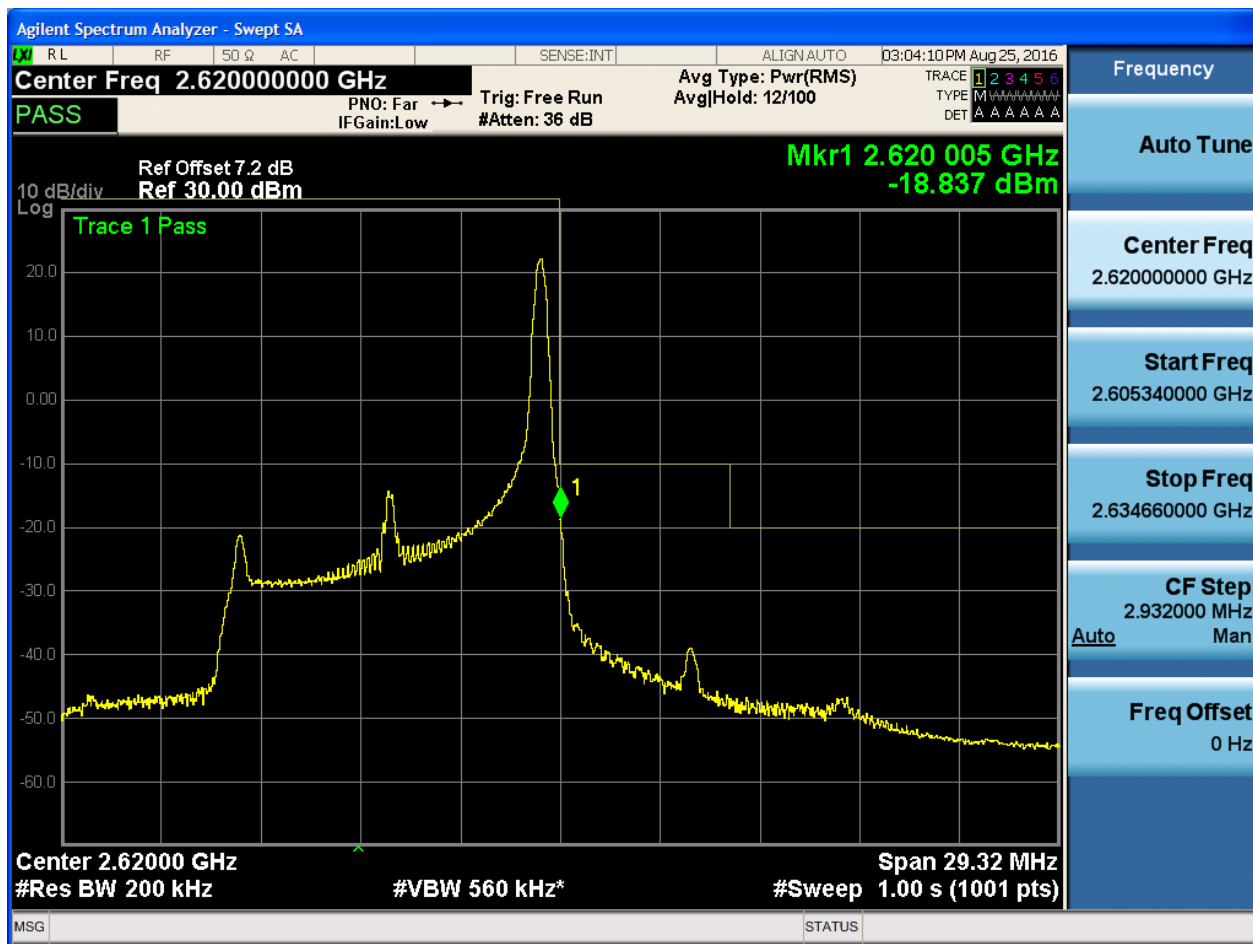
5.2.1.1.2.2 Test Channel = HCH

5.2.1.1.2.2.1 Test RB = RB1#0





5.2.1.1.2.2.2 Test RB = RB1#49





5.2.1.1.2.2.3 Test RB = RB25#13





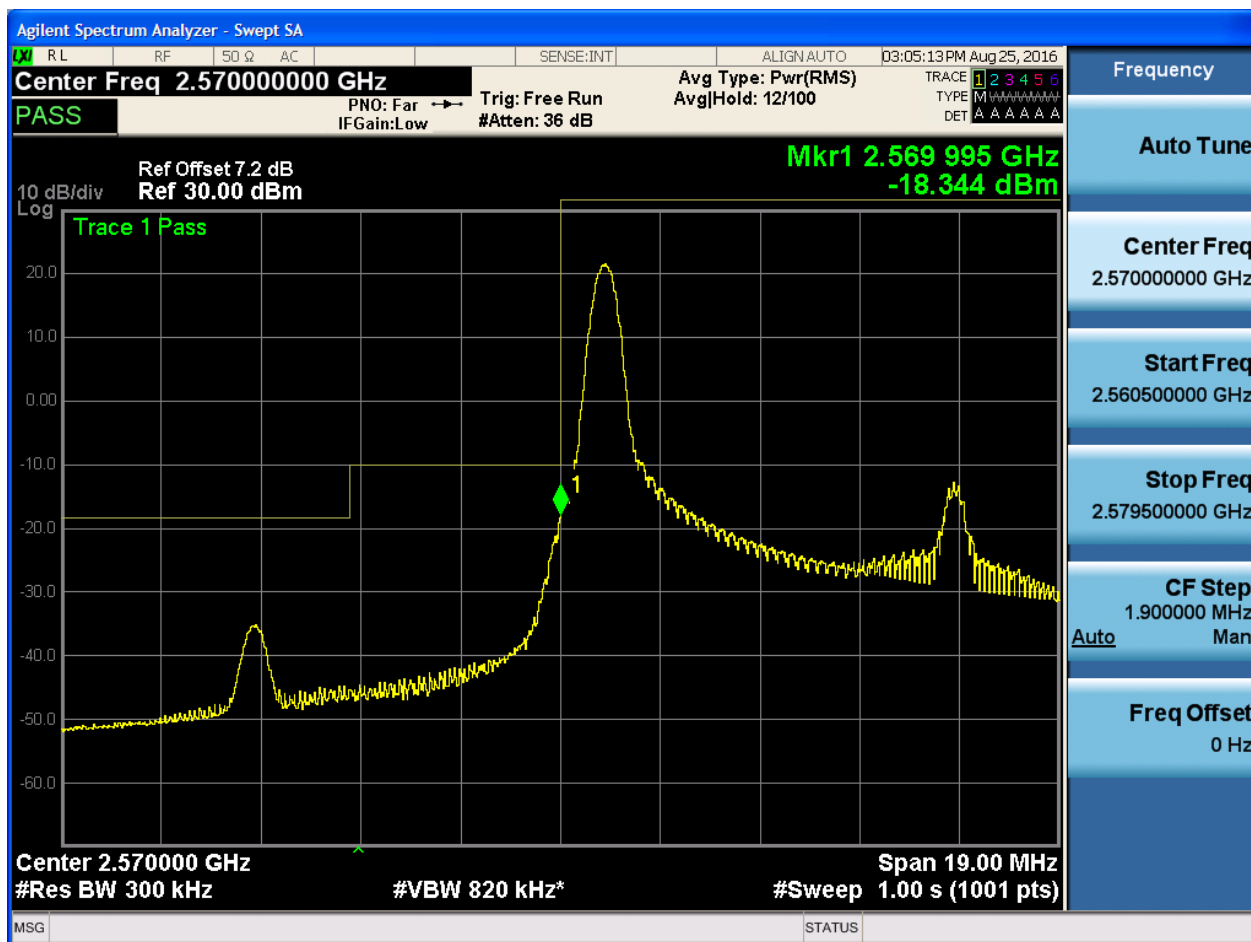
5.2.1.1.2.2.4 Test RB = RB50#0



5.2.1.1.3 Test Bandwidth = 15

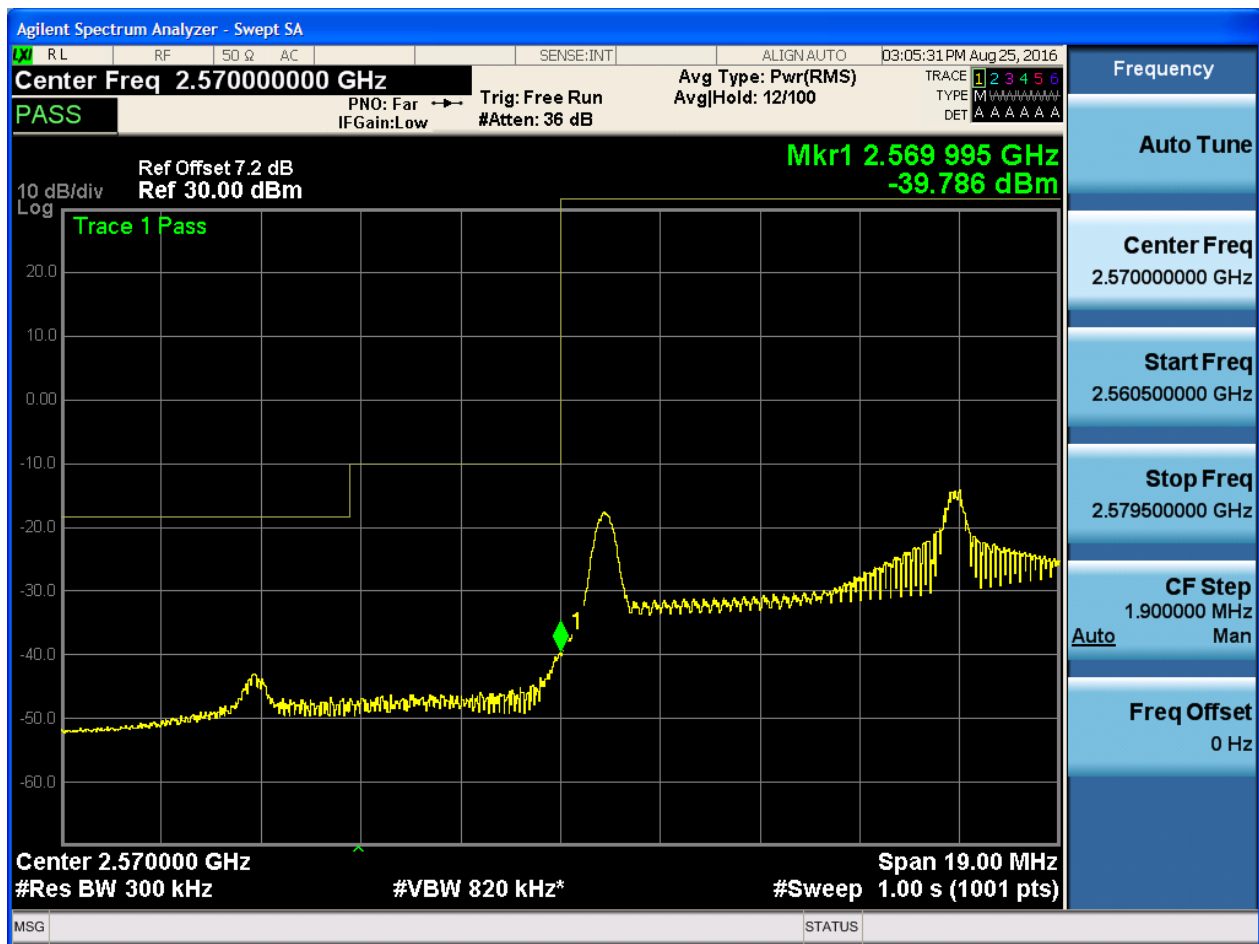
5.2.1.1.3.1 Test Channel = LCH

5.2.1.1.3.1.1 Test RB = RB1#0





5.2.1.1.3.1.2 Test RB = RB1#74





5.2.1.1.3.1.3 Test RB = RB36#18





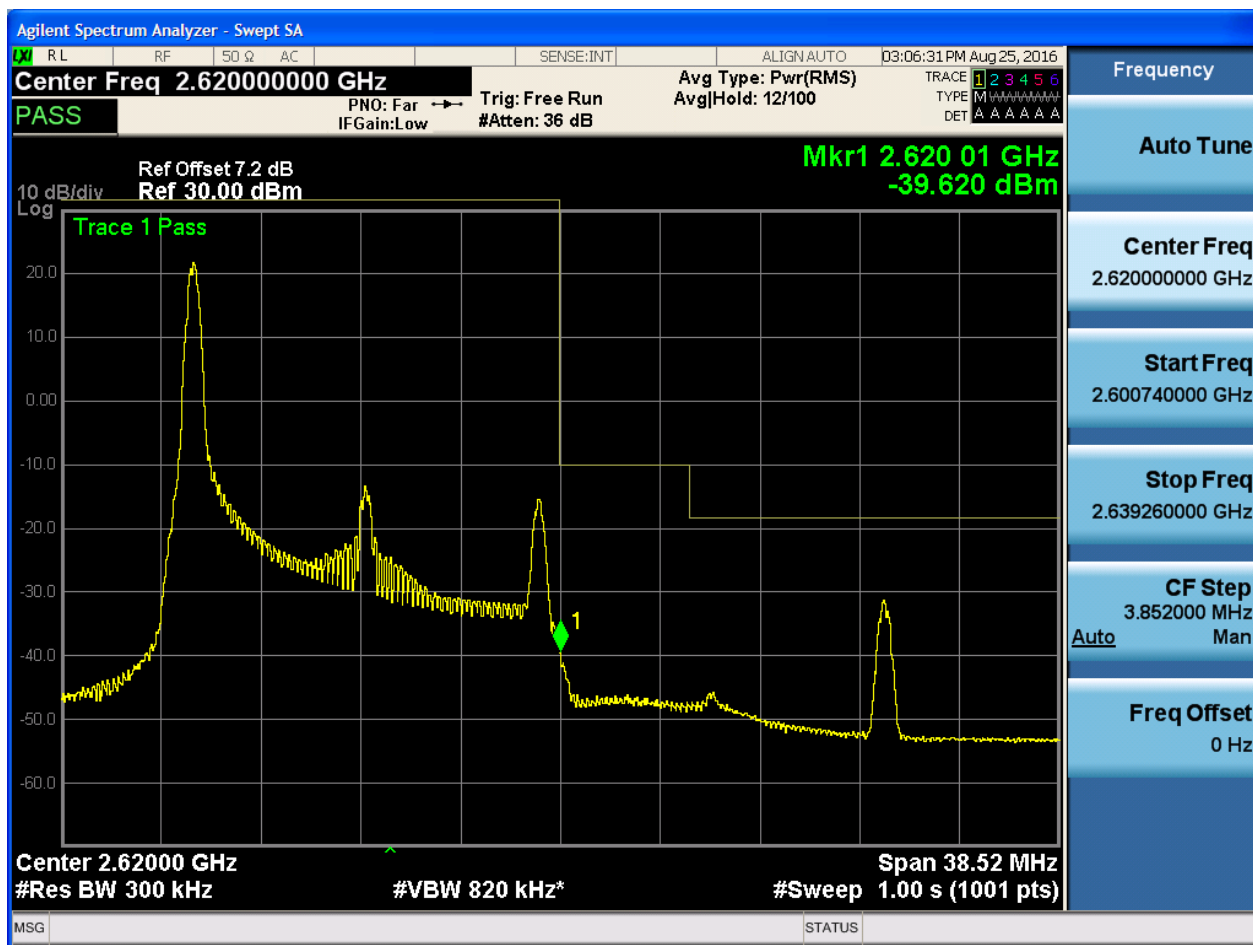
5.2.1.1.3.1.4 Test RB = RB75#0





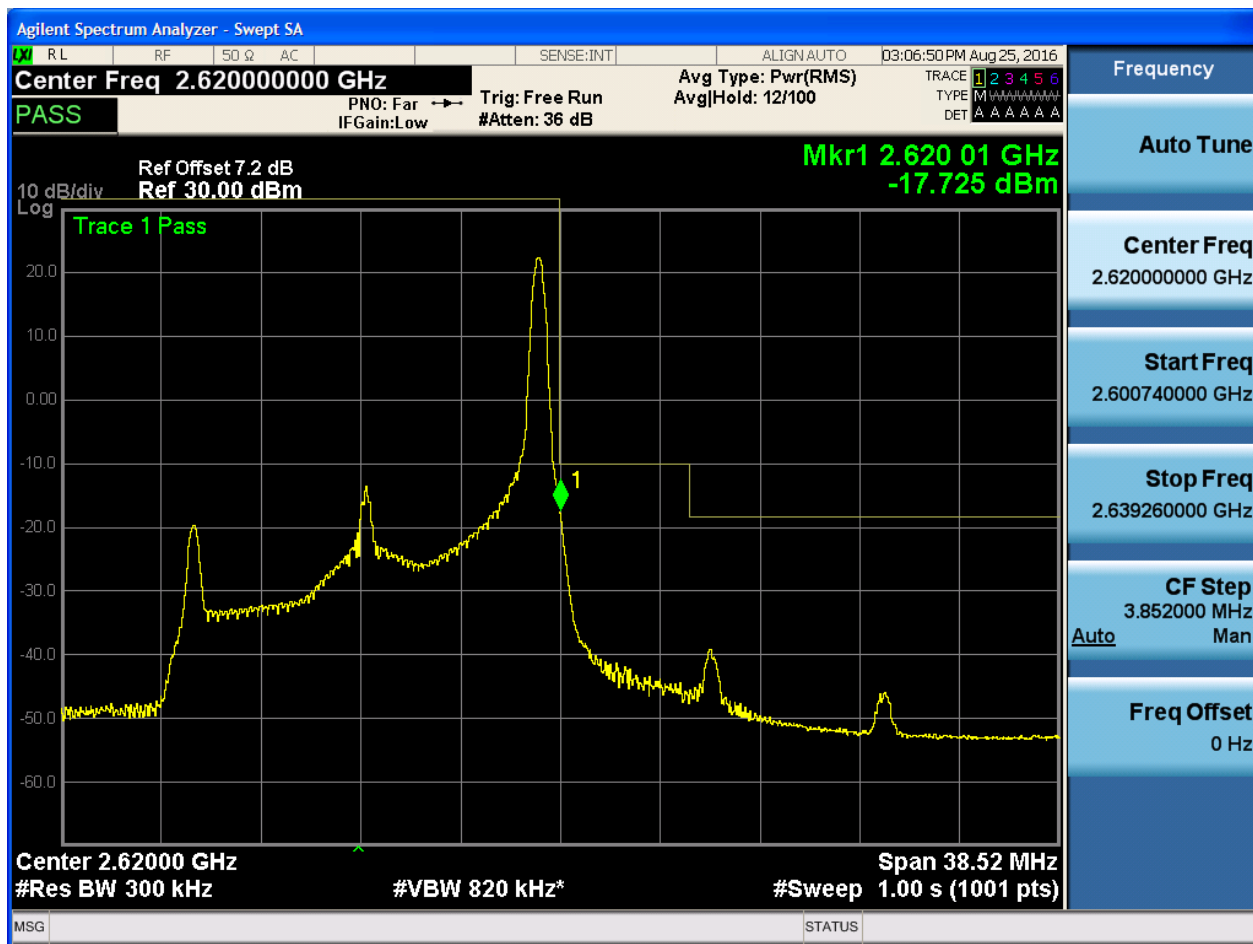
5.2.1.1.3.2 Test Channel = HCH

5.2.1.1.3.2.1 Test RB = RB1#0





5.2.1.1.3.2.2 Test RB = RB1#74





5.2.1.1.3.2.3 Test RB = RB36#18



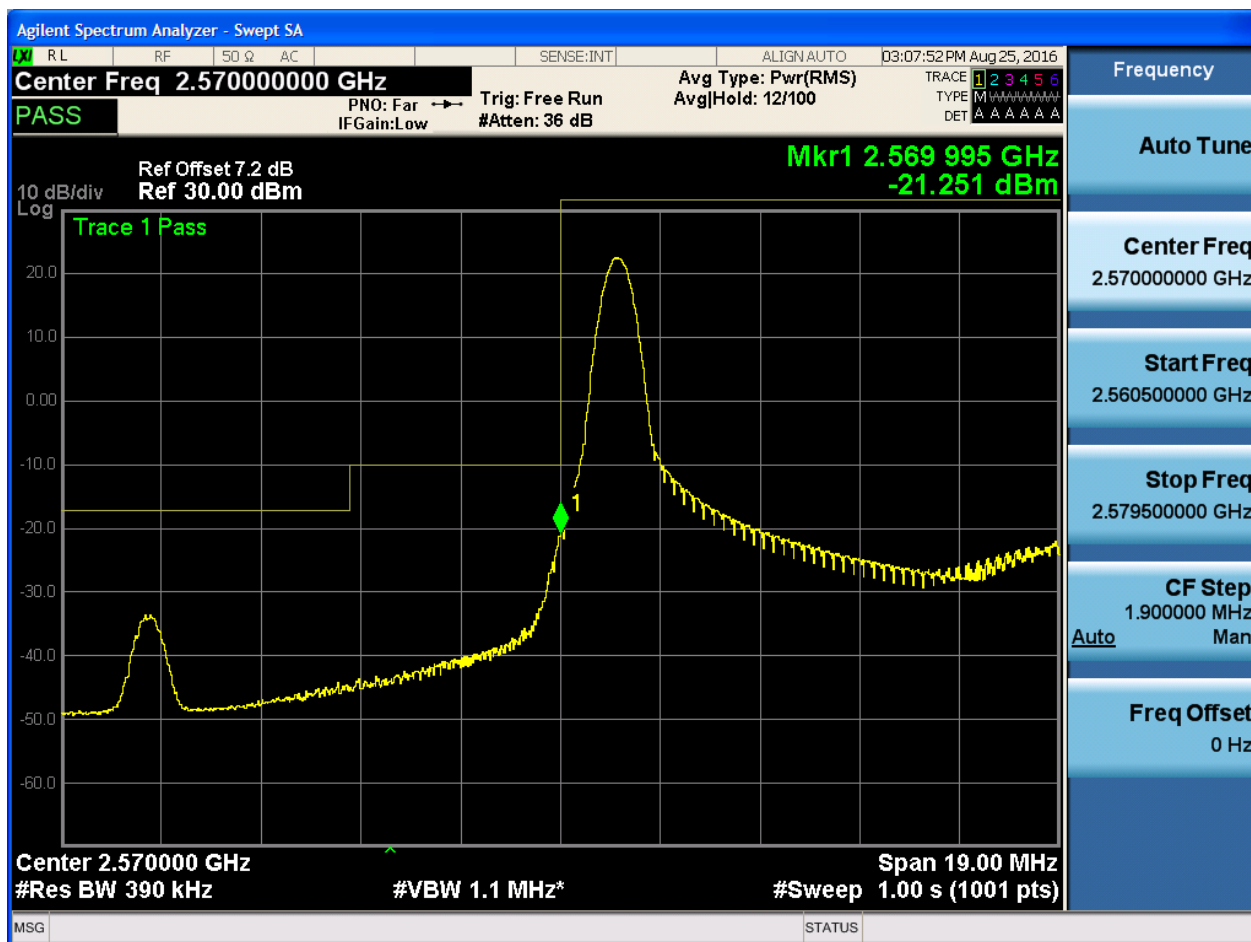


5.2.1.1.3.2.4 Test RB = RB75#0



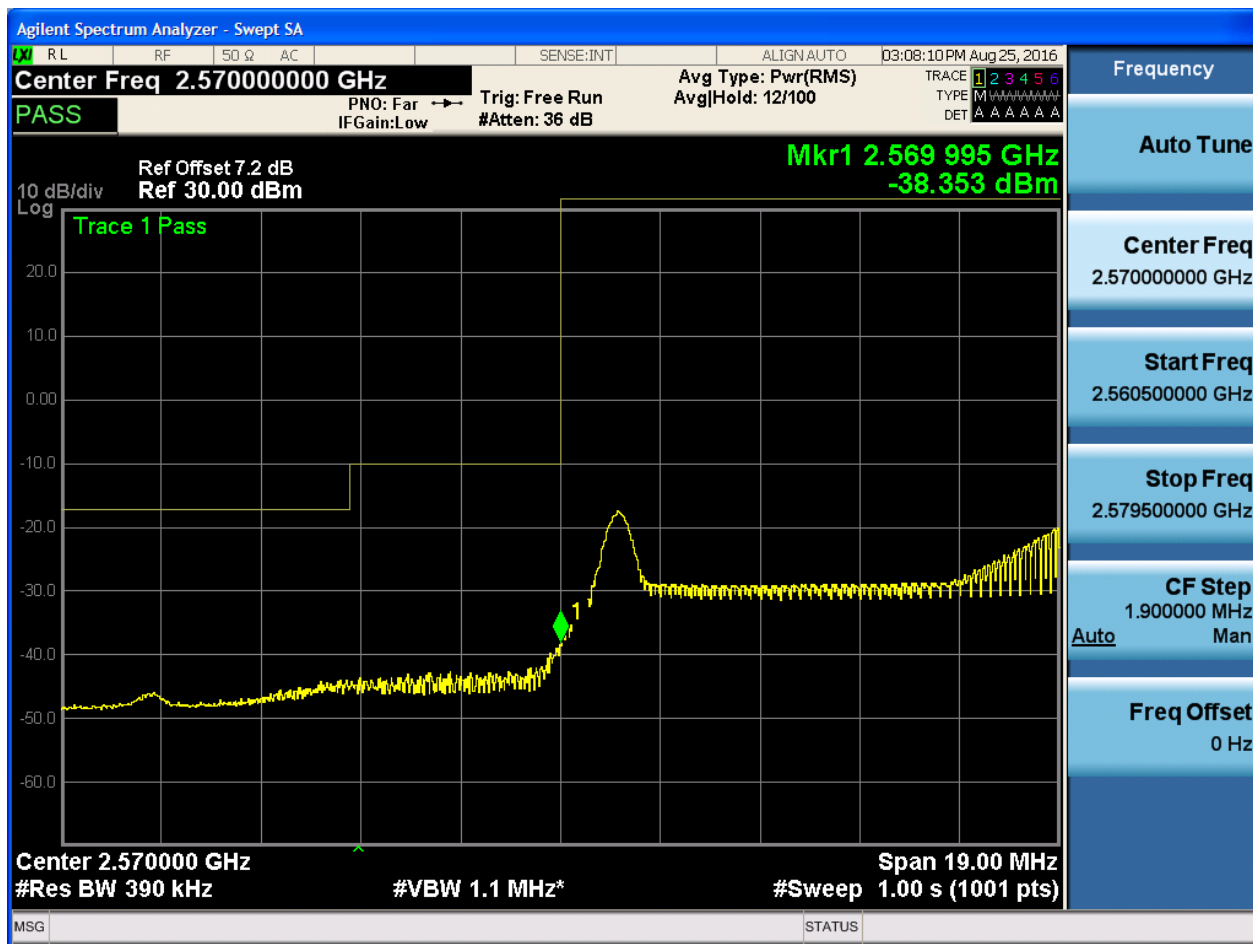


5.2.1.1.4.1.1 Test RB = RB1#0





5.2.1.1.4.1.2 Test RB = RB1#99



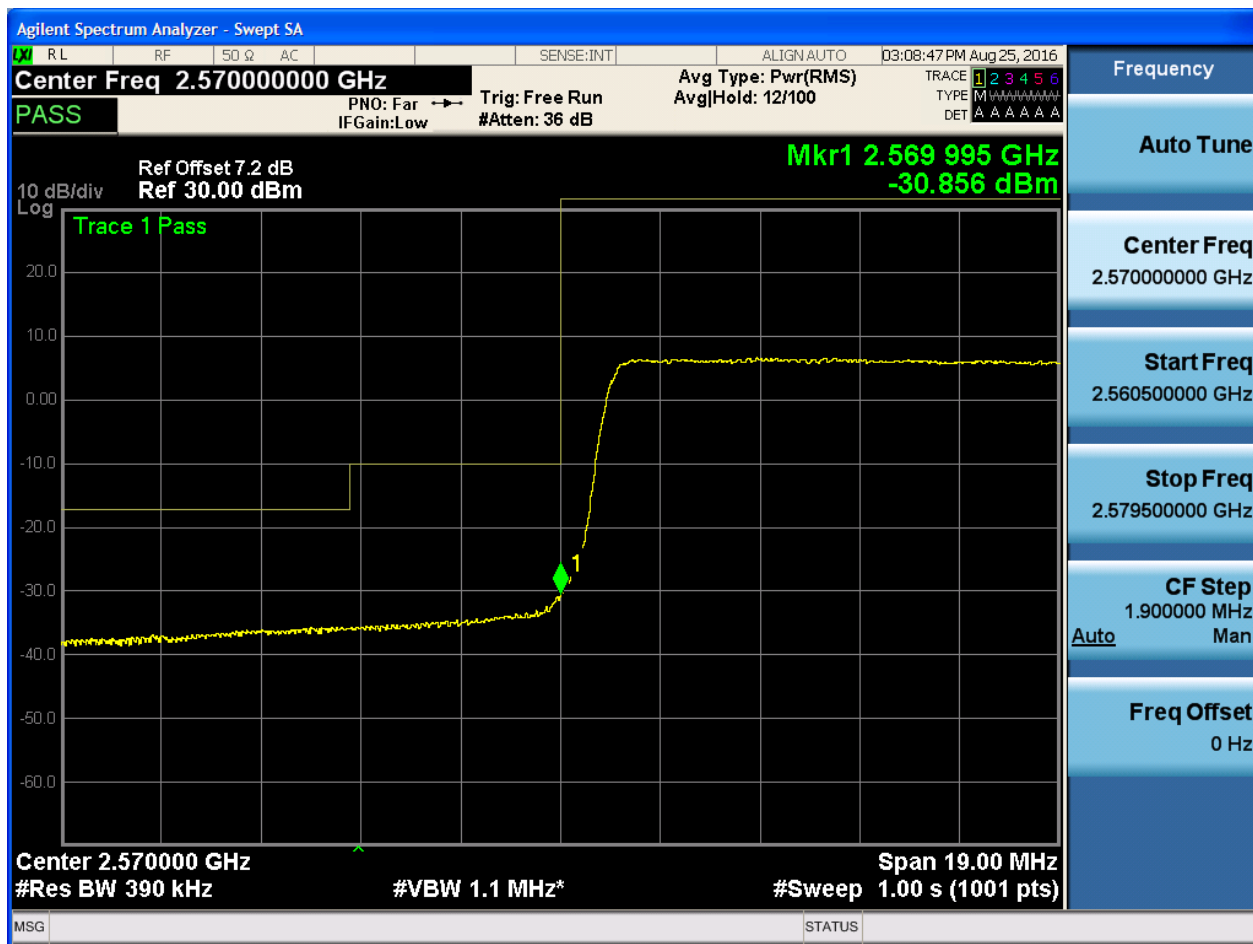


5.2.1.1.4.1.3 Test RB = RB50#25





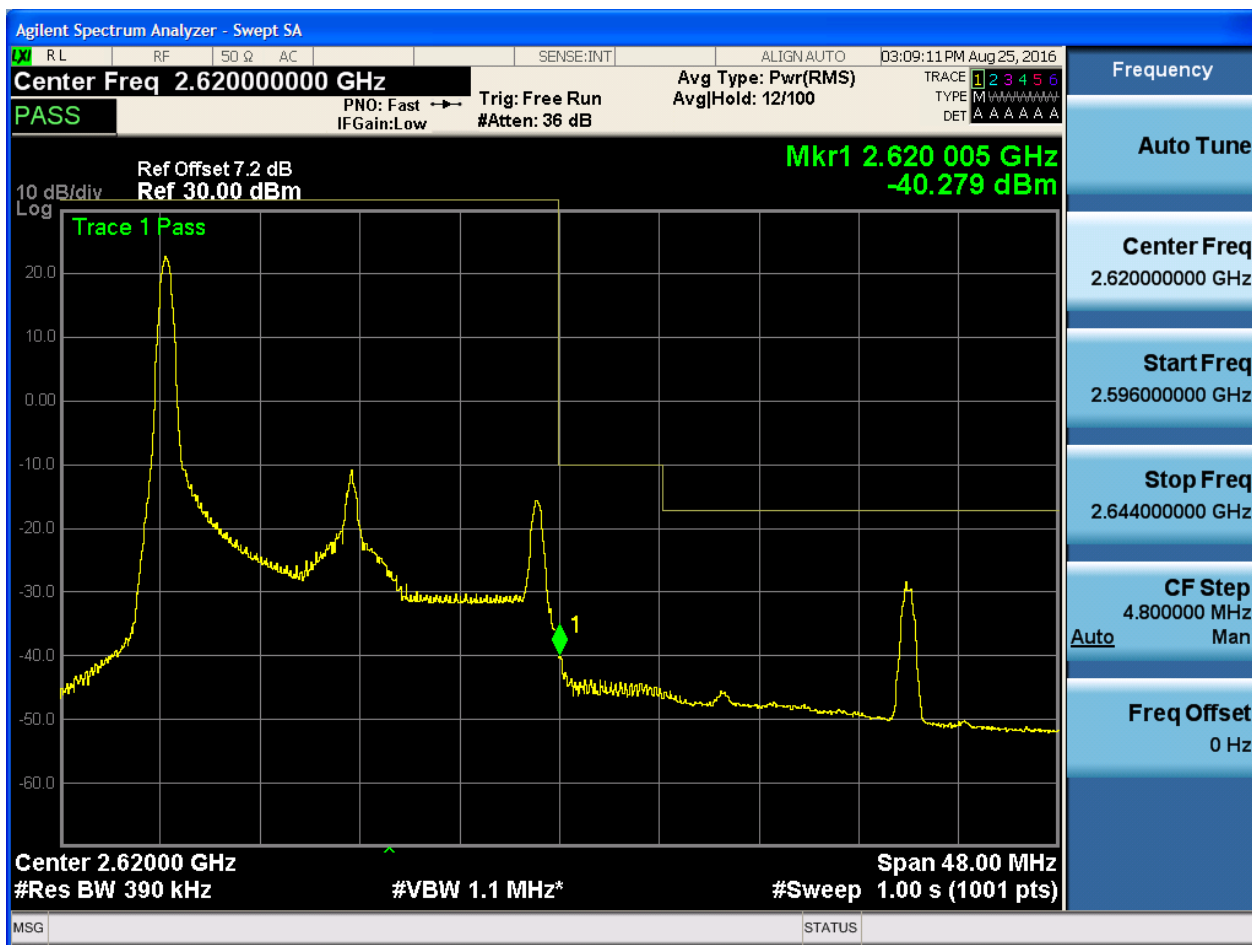
5.2.1.1.4.1.4 Test RB = RB100#0





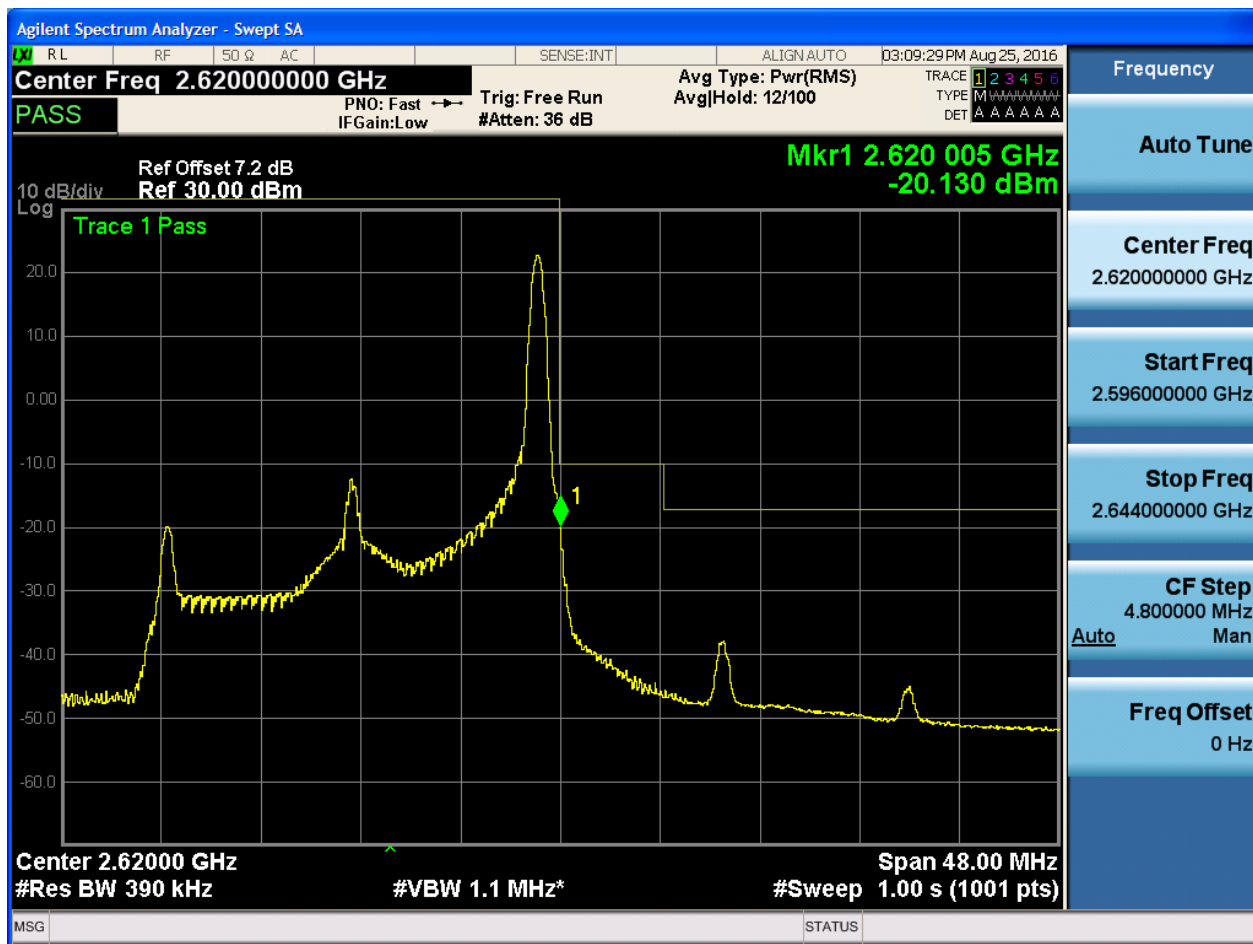
5.2.1.1.4.2 Test Channel = HCH

5.2.1.1.4.2.1 Test RB = RB1#0





5.2.1.1.4.2.2 Test RB = RB1#99





5.2.1.1.4.2.3 Test RB = RB50#25





5.2.1.1.4.2.4 Test RB = RB100#0



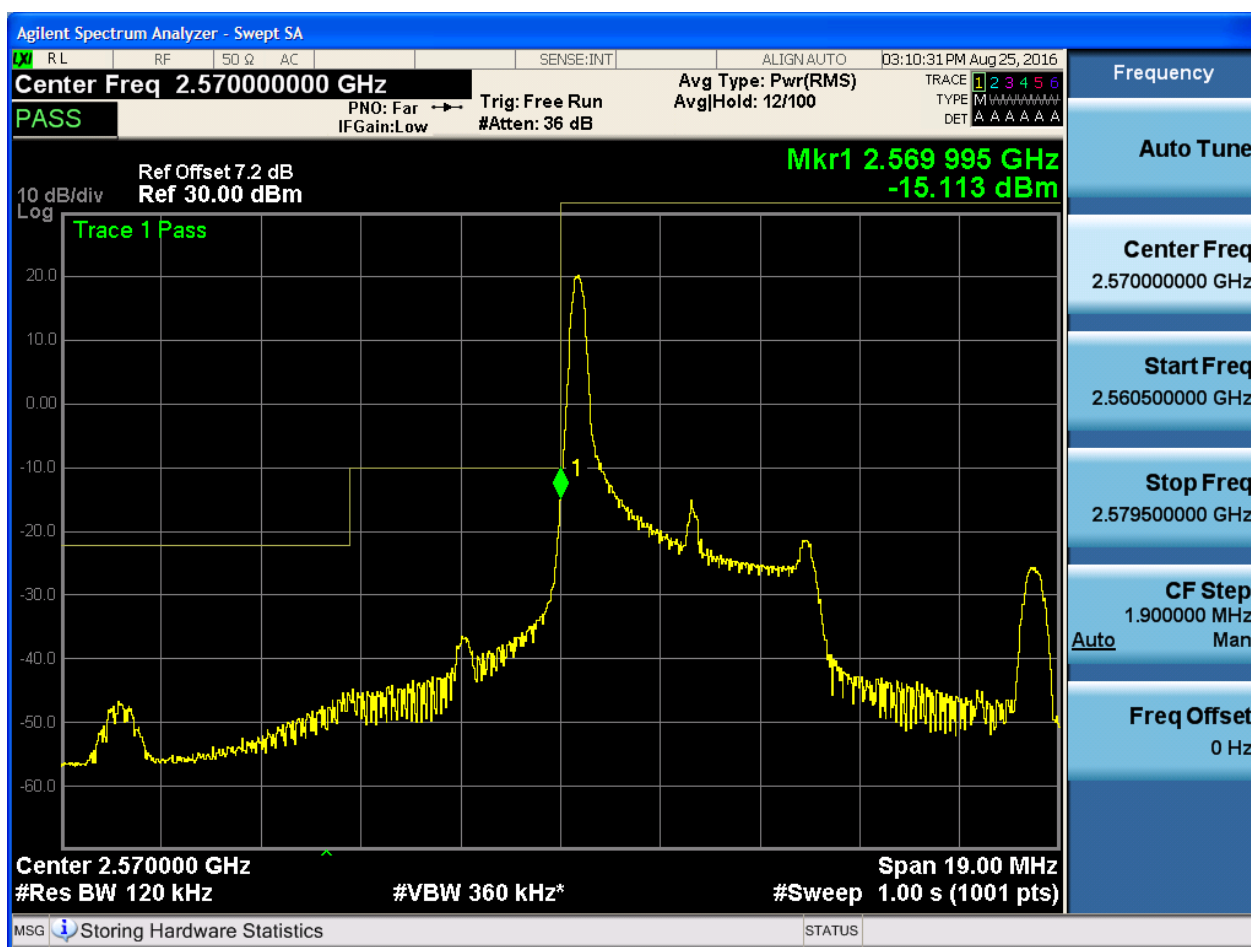


5.2.1.2 Test Mode = LTE/TM2

5.2.1.2.1 Test Bandwidth = 5

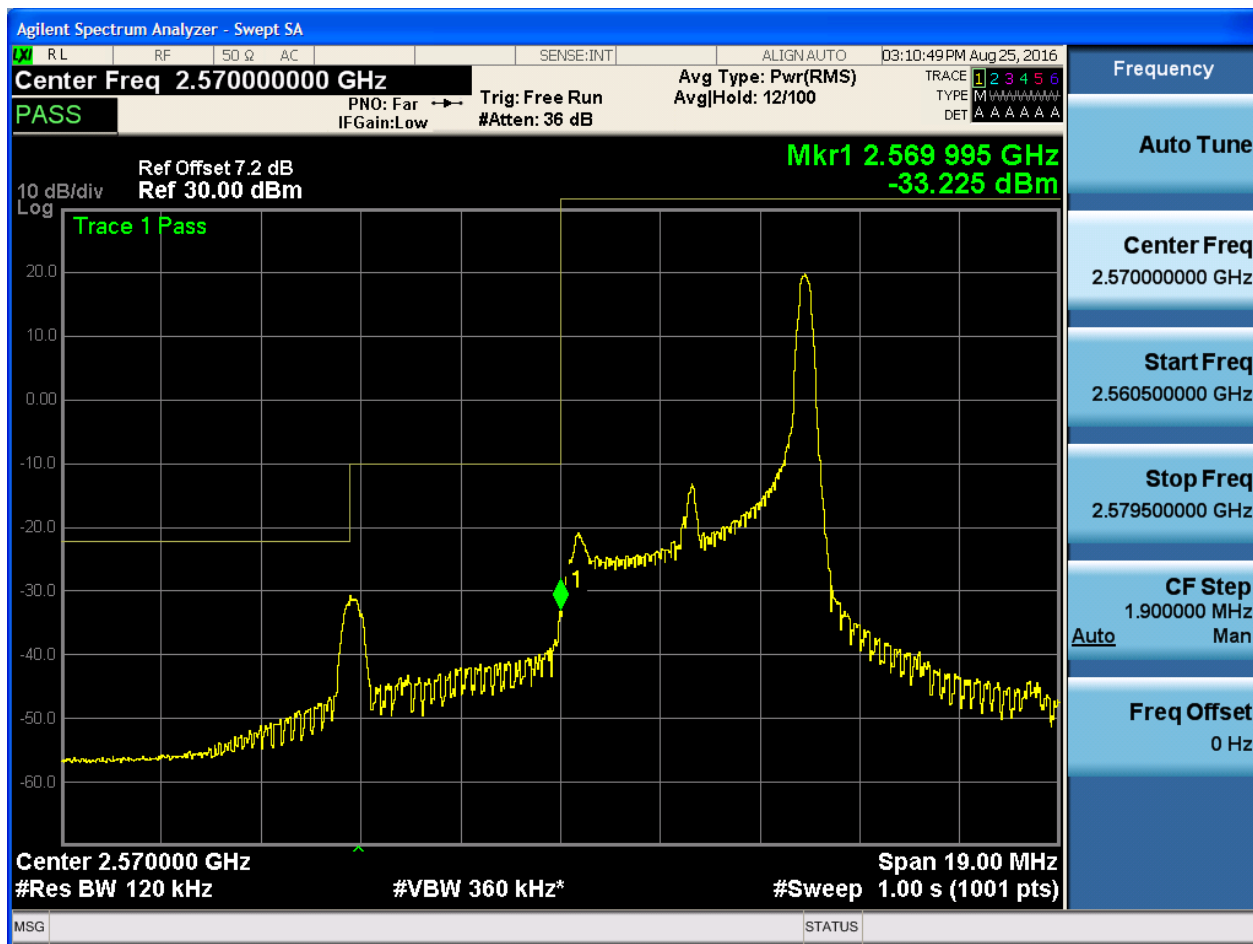
5.2.1.2.1.1 Test Channel = LCH

5.2.1.2.1.1.1 Test RB = RB1#0



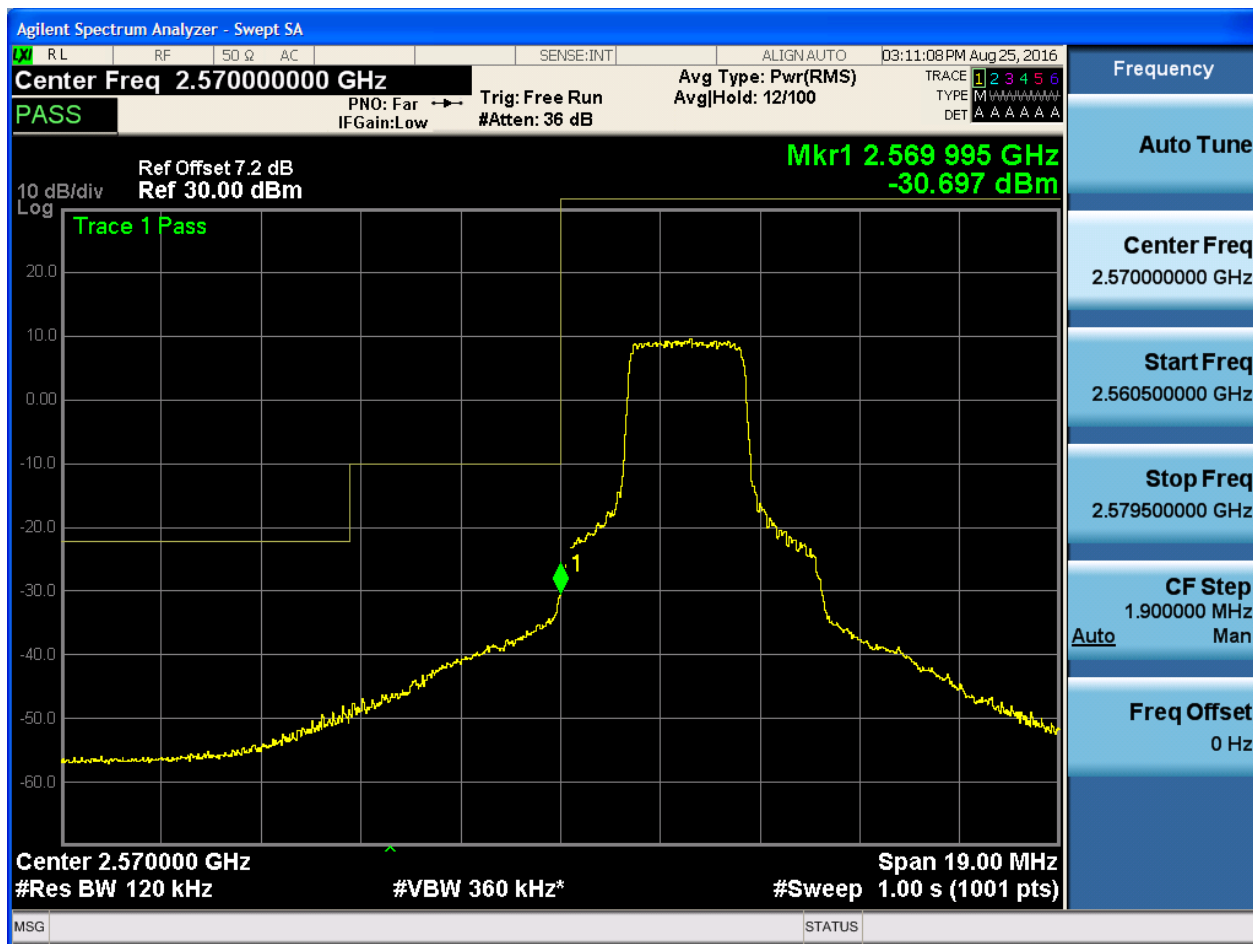


5.2.1.2.1.1.2 Test RB = RB1#24





5.2.1.2.1.1.3 Test RB = RB12#6





5.2.1.2.1.1.4 Test RB = RB25#0





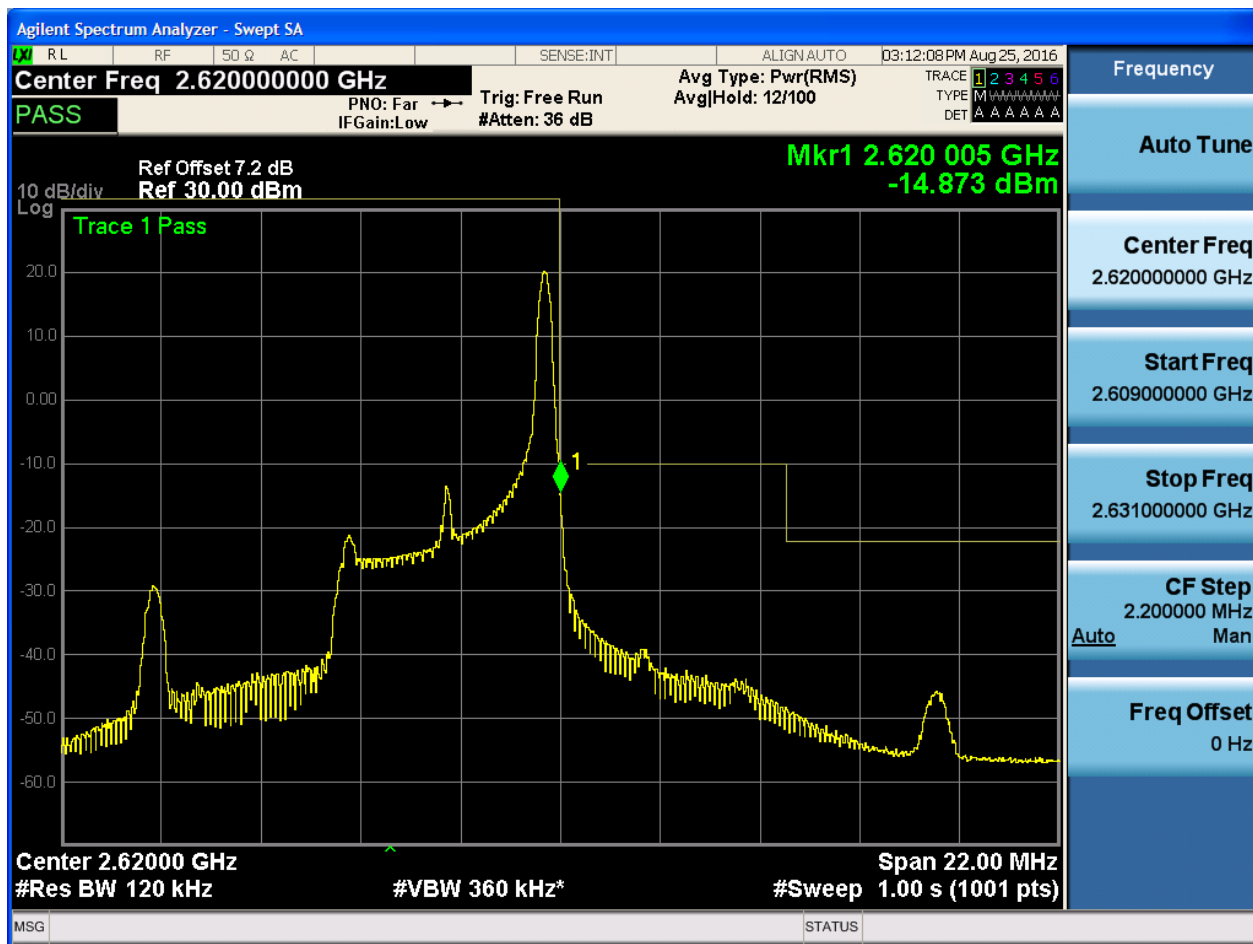
5.2.1.2.1.2 Test Channel = HCH

5.2.1.2.1.2.1 Test RB = RB1#0



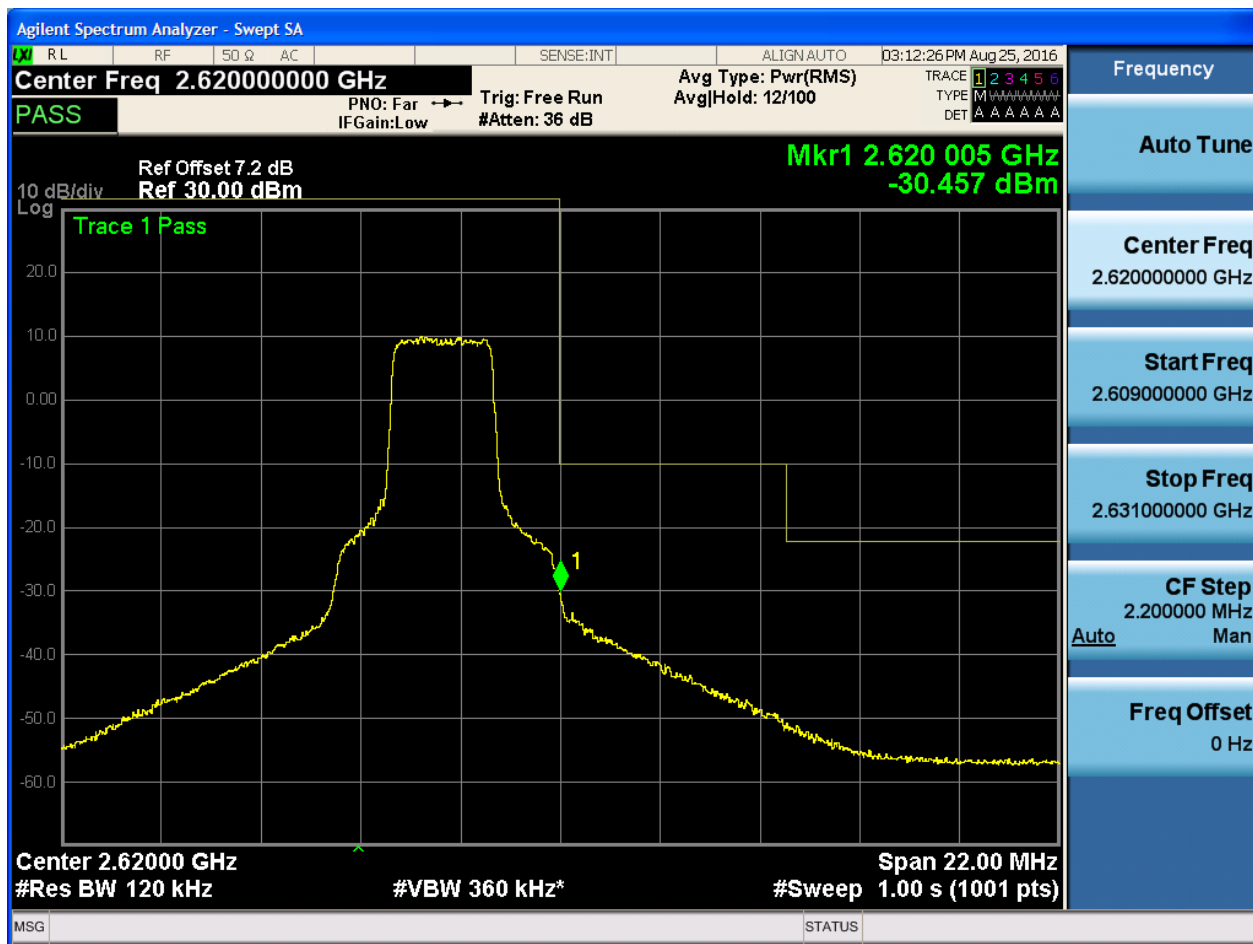


5.2.1.2.1.2.2 Test RB = RB1#24



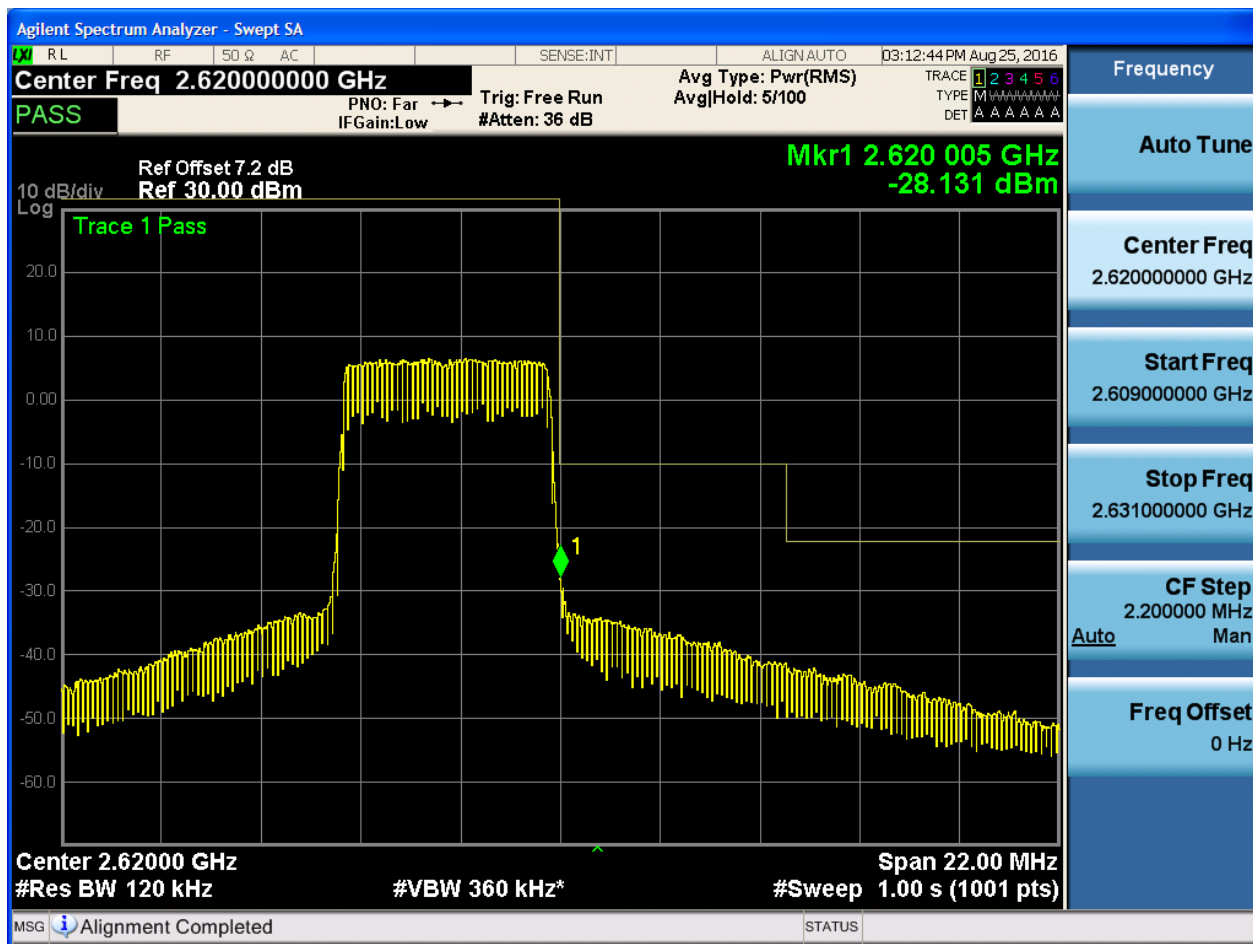


5.2.1.2.1.2.3 Test RB = RB12#6



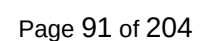


5.2.1.2.1.2.4 Test RB = RB25#0





5.2.1.2.2.1.1 Test RB = RB1#0





5.2.1.2.2.1.2 Test RB = RB1#49



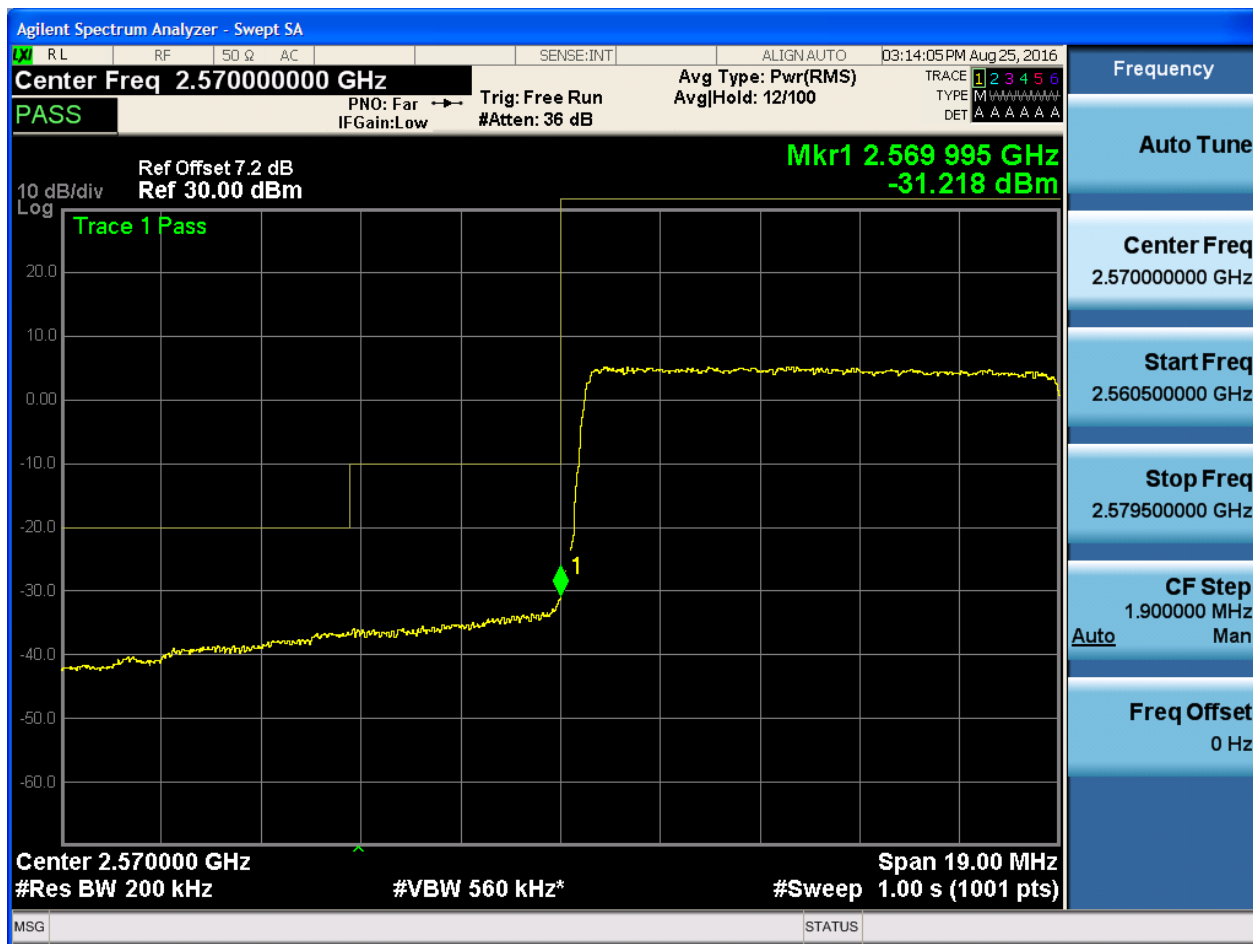


5.2.1.2.2.1.3 Test RB = RB25#13





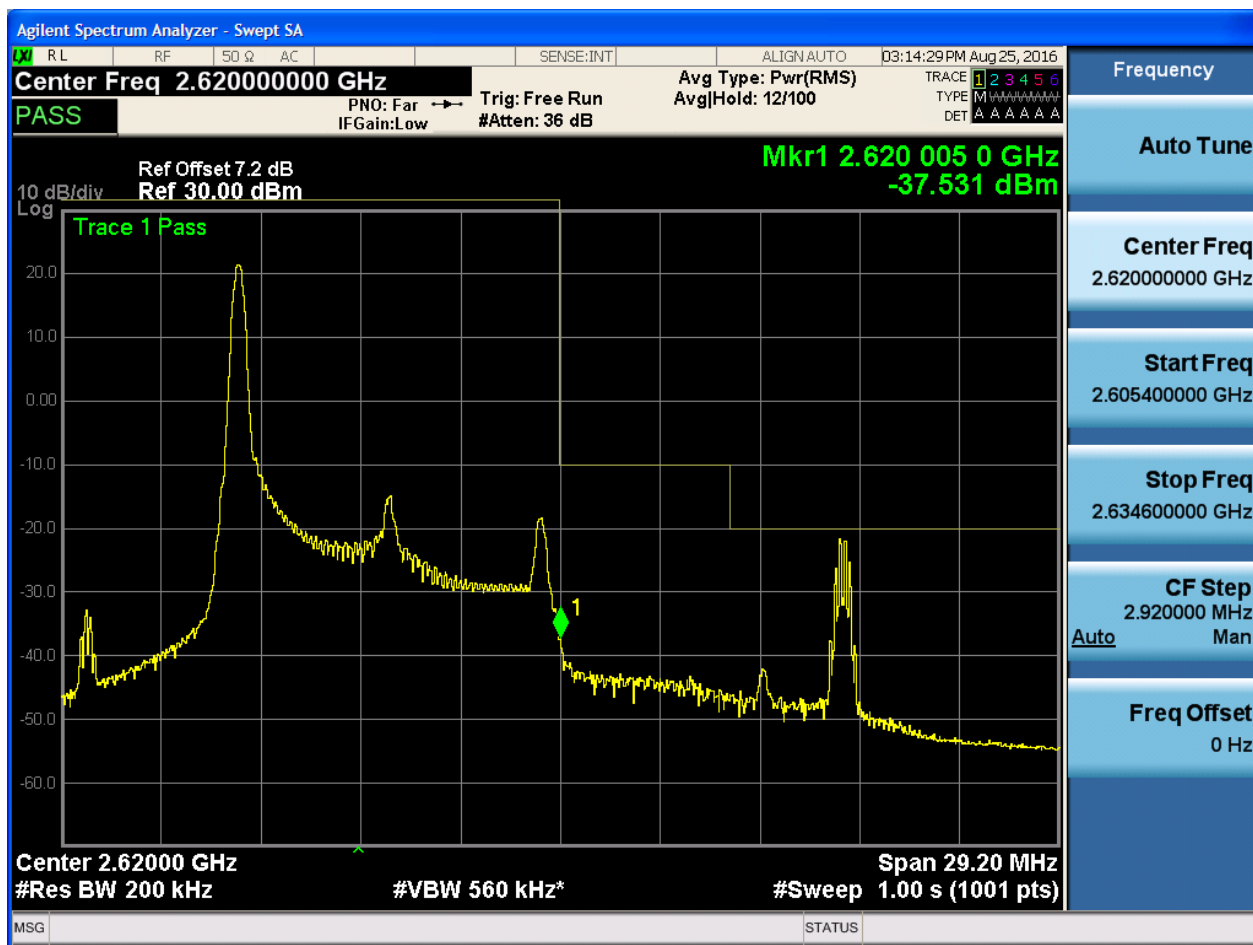
5.2.1.2.2.1.4 Test RB = RB50#0





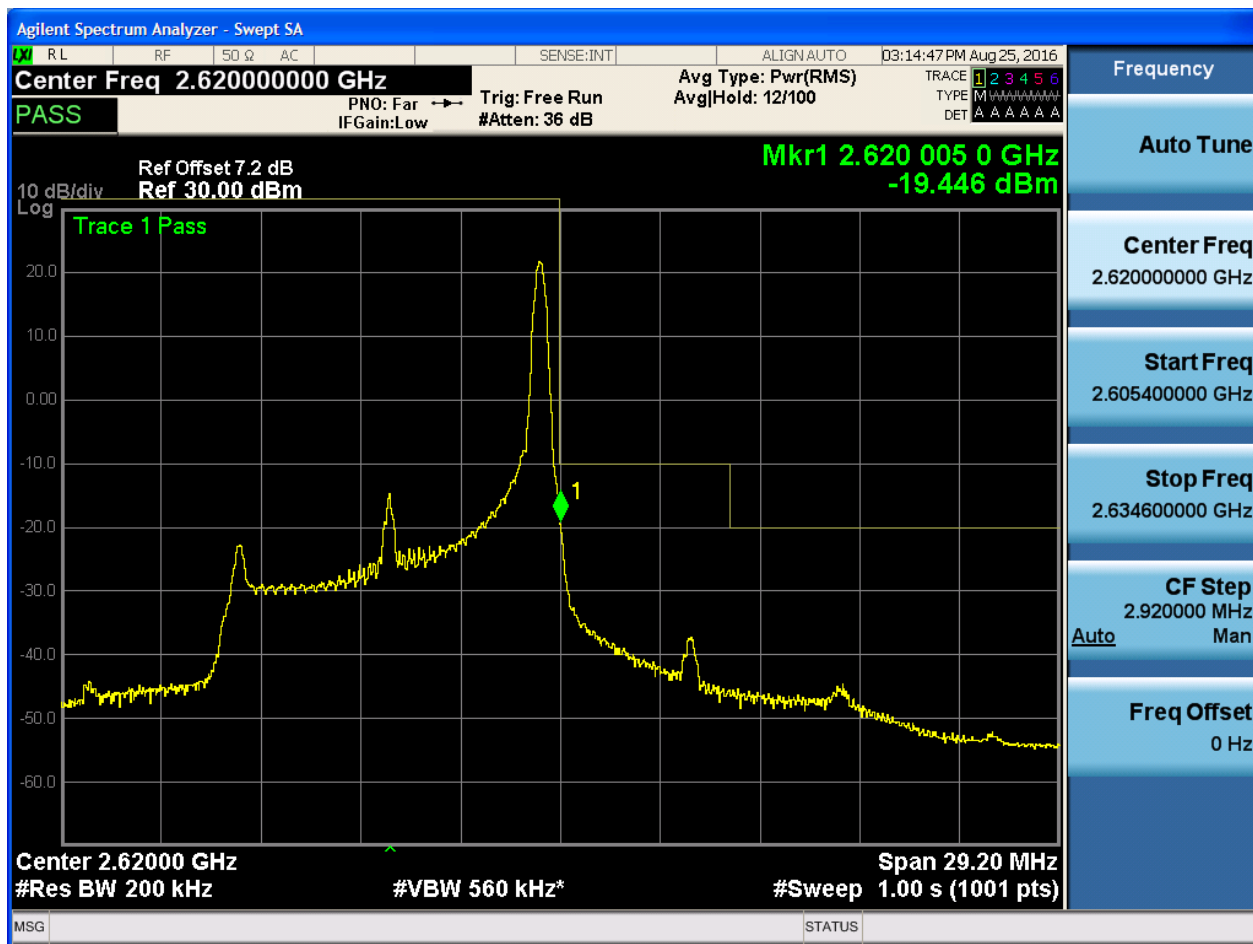
5.2.1.2.2.2 Test Channel = HCH

5.2.1.2.2.2.1 Test RB = RB1#0





5.2.1.2.2.2 Test RB = RB1#49





5.2.1.2.2.3 Test RB = RB25#13

