



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/TM1	5	LCH	RB1#0	21.81	21.01	33	PASS
				RB1#13	22.03	21.23	33	PASS
				RB1#24	21.64	20.84	33	PASS
				RB12#0	21.62	20.82	33	PASS
				RB12#6	21.66	20.86	33	PASS
				RB12#13	21.52	20.72	33	PASS
			MCH	RB25#0	20.36	19.56	33	PASS
				RB1#0	22.13	21.33	33	PASS
				RB1#13	22.32	21.52	33	PASS
				RB1#24	21.87	21.07	33	PASS
				RB12#0	21.81	21.01	33	PASS
				RB12#6	21.87	21.07	33	PASS
				RB12#13	21.63	20.83	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB25#0	20.59	19.79	33	PASS
				RB1#0	22.21	21.41	33	PASS
				RB1#13	22.21	21.41	33	PASS
				RB1#24	21.83	21.03	33	PASS
				RB12#0	22	21.2	33	PASS
				RB12#6	21.93	21.13	33	PASS
				RB12#13	21.69	20.89	33	PASS
				RB25#0	20.66	19.86	33	PASS
		10	LCH	RB1#0	21.92	21.12	33	PASS
				RB1#25	22.19	21.39	33	PASS
				RB1#49	21.76	20.96	33	PASS
				RB25#0	21.64	20.84	33	PASS
				RB25#13	21.59	20.79	33	PASS
				RB25#25	21.49	20.69	33	PASS
				RB50#0	21.49	20.69	33	PASS
			MCH	RB1#0	22.22	21.42	33	PASS
				RB1#25	22.55	21.75	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.07	21.27	33	PASS
				RB25#0	21.77	20.97	33	PASS
				RB25#13	21.81	21.01	33	PASS
				RB25#25	21.72	20.92	33	PASS
				RB50#0	21.7	20.9	33	PASS
			HCH	RB1#0	22.37	21.57	33	PASS
				RB1#25	22.73	21.93	33	PASS
				RB1#49	22.26	21.46	33	PASS
				RB25#0	22.02	21.22	33	PASS
				RB25#13	22.03	21.23	33	PASS
				RB25#25	21.83	21.03	33	PASS
				RB50#0	22.04	21.24	33	PASS
		15	LCH	RB1#0	22.16	21.36	33	PASS
				RB1#38	22.75	21.95	33	PASS
				RB1#74	22.22	21.42	33	PASS
				RB36#0	21.46	20.66	33	PASS
				RB36#18	21.57	20.77	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB36#39	21.46	20.66	33	PASS
				RB75#0	21.45	20.65	33	PASS
			MCH	RB1#0	22.39	21.59	33	PASS
				RB1#38	22.87	22.07	33	PASS
				RB1#74	22.36	21.56	33	PASS
				RB36#0	21.65	20.85	33	PASS
				RB36#18	21.78	20.98	33	PASS
				RB36#39	21.66	20.86	33	PASS
				RB75#0	21.62	20.82	33	PASS
			HCH	RB1#0	22.49	21.69	33	PASS
				RB1#38	23.11	22.31	33	PASS
				RB1#74	22.35	21.55	33	PASS
				RB36#0	21.7	20.9	33	PASS
				RB36#18	21.89	21.09	33	PASS
				RB36#39	21.87	21.07	33	PASS
				RB75#0	21.83	21.03	33	PASS
		20	LCH	RB1#0	22.23	21.43	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	22.54	21.74	33	PASS
				RB1#99	22.26	21.46	33	PASS
				RB50#0	21.64	20.84	33	PASS
				RB50#25	21.74	20.94	33	PASS
				RB50#50	21.69	20.89	33	PASS
				RB100#0	21.65	20.85	33	PASS
			MCH	RB1#0	22.43	21.63	33	PASS
				RB1#50	22.79	21.99	33	PASS
				RB1#99	22.5	21.7	33	PASS
				RB50#0	21.84	21.04	33	PASS
				RB50#25	21.89	21.09	33	PASS
				RB50#50	21.91	21.11	33	PASS
				RB100#0	21.81	21.01	33	PASS
			HCH	RB1#0	22.67	21.87	33	PASS
				RB1#50	22.69	21.89	33	PASS
				RB1#99	22.29	21.49	33	PASS
				RB50#0	22.02	21.22	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.87	21.07	33	PASS
				RB50#50	22.12	21.32	33	PASS
				RB100#0	21.94	21.14	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.9	21.1	33	PASS
				RB1#13	22.2	21.4	33	PASS
				RB1#24	21.8	21	33	PASS
				RB12#0	20.35	19.55	33	PASS
				RB12#6	20.38	19.58	33	PASS
				RB12#13	20.24	19.44	33	PASS
				RB25#0	20.27	19.47	33	PASS
			MCH	RB1#0	22.36	21.56	33	PASS
				RB1#13	22.58	21.78	33	PASS
				RB1#24	22.12	21.32	33	PASS
				RB12#0	20.59	19.79	33	PASS
				RB12#6	20.66	19.86	33	PASS
				RB12#13	20.43	19.63	33	PASS
				RB25#0	20.48	19.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.4	21.6	33	PASS
				RB1#13	22.4	21.6	33	PASS
				RB1#24	22	21.2	33	PASS
				RB12#0	20.82	20.02	33	PASS
				RB12#6	20.77	19.97	33	PASS
				RB12#13	20.53	19.73	33	PASS
				RB25#0	20.6	19.8	33	PASS
		10	LCH	RB1#0	21.72	20.92	33	PASS
				RB1#25	22.11	21.31	33	PASS
				RB1#49	21.7	20.9	33	PASS
				RB25#0	20.46	19.66	33	PASS
				RB25#13	20.47	19.67	33	PASS
				RB25#25	20.38	19.58	33	PASS
				RB50#0	20.31	19.51	33	PASS
			MCH	RB1#0	22.07	21.27	33	PASS
				RB1#25	22.32	21.52	33	PASS
				RB1#49	21.85	21.05	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.63	19.83	33	PASS
				RB25#13	20.67	19.87	33	PASS
				RB25#25	20.53	19.73	33	PASS
				RB50#0	20.55	19.75	33	PASS
			HCH	RB1#0	21.93	21.13	33	PASS
				RB1#25	22.33	21.53	33	PASS
				RB1#49	21.86	21.06	33	PASS
				RB25#0	20.92	20.12	33	PASS
				RB25#13	20.94	20.14	33	PASS
				RB25#25	20.78	19.98	33	PASS
				RB50#0	20.89	20.09	33	PASS
		15	LCH	RB1#0	21.13	20.33	33	PASS
				RB1#38	21.7	20.9	33	PASS
				RB1#74	21.21	20.41	33	PASS
				RB36#0	20.35	19.55	33	PASS
				RB36#18	20.47	19.67	33	PASS
				RB36#39	20.36	19.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	20.36	19.56	33	PASS
			MCH	RB1#0	21.67	20.87	33	PASS
				RB1#38	22.18	21.38	33	PASS
				RB1#74	21.78	20.98	33	PASS
				RB36#0	20.55	19.75	33	PASS
				RB36#18	20.68	19.88	33	PASS
				RB36#39	20.56	19.76	33	PASS
				RB75#0	20.54	19.74	33	PASS
			HCH	RB1#0	21.87	21.07	33	PASS
				RB1#38	22.43	21.63	33	PASS
				RB1#74	21.66	20.86	33	PASS
				RB36#0	20.61	19.81	33	PASS
				RB36#18	20.84	20.04	33	PASS
				RB36#39	20.79	19.99	33	PASS
				RB75#0	20.72	19.92	33	PASS
		20	LCH	RB1#0	22.1	21.3	33	PASS
				RB1#50	22.47	21.67	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.18	21.38	33	PASS
				RB50#0	20.55	19.75	33	PASS
				RB50#25	20.65	19.85	33	PASS
				RB50#50	20.6	19.8	33	PASS
				RB100#0	20.53	19.73	33	PASS
			MCH	RB1#0	22.17	21.37	33	PASS
				RB1#50	22.56	21.76	33	PASS
				RB1#99	22.3	21.5	33	PASS
				RB50#0	20.73	19.93	33	PASS
				RB50#25	20.78	19.98	33	PASS
				RB50#50	20.79	19.99	33	PASS
				RB100#0	20.68	19.88	33	PASS
			HCH	RB1#0	22.27	21.47	33	PASS
				RB1#50	22.27	21.47	33	PASS
				RB1#99	21.97	21.17	33	PASS
				RB50#0	20.87	20.07	33	PASS
				RB50#25	20.74	19.94	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	21	20.2	33	PASS
				RB100#0	20.88	20.08	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:

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

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

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

$$\text{SET Sweep time} = \text{auto-couple.}$$

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	4.54	13	PASS
				RB1#13	4.47	13	PASS
				RB1#24	4.57	13	PASS
				RB12#0	5.62	13	PASS
				RB12#6	5.48	13	PASS
				RB12#13	5.63	13	PASS
				RB25#0	6.23	13	PASS
			MCH	RB1#0	4.48	13	PASS
				RB1#13	4.3	13	PASS
				RB1#24	4.6	13	PASS
				RB12#0	5.46	13	PASS
				RB12#6	5.19	13	PASS
				RB12#13	5.35	13	PASS
				RB25#0	5.45	13	PASS
			HCH	RB1#0	4.8	13	PASS
				RB1#13	4.53	13	PASS
				RB1#24	4.71	13	PASS
				RB12#0	5.75	13	PASS
				RB12#6	5.6	13	PASS
				RB12#13	5.71	13	PASS
				RB25#0	6.17	13	PASS
		10	LCH	RB1#0	4.69	13	PASS
				RB1#25	4.44	13	PASS
				RB1#49	4.58	13	PASS
				RB25#0	5.67	13	PASS
				RB25#13	5.64	13	PASS
				RB25#25	5.65	13	PASS
				RB50#0	5.61	13	PASS
			MCH	RB1#0	4.38	13	PASS
				RB1#25	4.15	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.55	13	PASS
				RB25#0	5.46	13	PASS
				RB25#13	5.38	13	PASS
				RB25#25	5.55	13	PASS
				RB50#0	5.55	13	PASS
			HCH	RB1#0	4.8	13	PASS
				RB1#25	4.7	13	PASS
				RB1#49	4.79	13	PASS
				RB25#0	5.49	13	PASS
				RB25#13	5.6	13	PASS
				RB25#25	5.63	13	PASS
				RB50#0	5.8	13	PASS
		15	LCH	RB1#0	4.95	13	PASS
				RB1#38	4.51	13	PASS
				RB1#74	4.66	13	PASS
				RB36#0	5.73	13	PASS
				RB36#18	5.73	13	PASS
				RB36#39	5.6	13	PASS
				RB75#0	6.02	13	PASS
			MCH	RB1#0	4.63	13	PASS
				RB1#38	4.24	13	PASS
				RB1#74	4.77	13	PASS
				RB36#0	5.56	13	PASS
				RB36#18	5.3	13	PASS
				RB36#39	5.74	13	PASS
				RB75#0	5.99	13	PASS
			HCH	RB1#0	4.84	13	PASS
				RB1#38	4.44	13	PASS
				RB1#74	4.71	13	PASS
				RB36#0	5.94	13	PASS
				RB36#18	5.56	13	PASS
				RB36#39	5.74	13	PASS
				RB75#0	6.11	13	PASS
		20	LCH	RB1#0	4.74	13	PASS
				RB1#50	4.32	13	PASS
				RB1#99	4.55	13	PASS
				RB50#0	5.92	13	PASS
				RB50#25	5.65	13	PASS
				RB50#50	5.78	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	5.88	13	PASS
			MCH	RB1#0	4.55	13	PASS
				RB1#50	4.32	13	PASS
				RB1#99	4.84	13	PASS
				RB50#0	5.52	13	PASS
				RB50#25	5.54	13	PASS
				RB50#50	5.55	13	PASS
				RB100#0	5.95	13	PASS
			HCH	RB1#0	4.53	13	PASS
				RB1#50	4.35	13	PASS
				RB1#99	4.55	13	PASS
				RB50#0	5.79	13	PASS
				RB50#25	5.83	13	PASS
				RB50#50	5.59	13	PASS
				RB100#0	5.88	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.46	13	PASS
				RB1#13	5.53	13	PASS
				RB1#24	5.54	13	PASS
				RB12#0	6.13	13	PASS
				RB12#6	6.27	13	PASS
				RB12#13	6.07	13	PASS
				RB25#0	6.93	13	PASS
			MCH	RB1#0	5.12	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	5.27	13	PASS
				RB12#0	6.23	13	PASS
				RB12#6	6.33	13	PASS
				RB12#13	5.96	13	PASS
				RB25#0	6.43	13	PASS
			HCH	RB1#0	5.46	13	PASS
				RB1#13	5.33	13	PASS
				RB1#24	5.35	13	PASS
				RB12#0	6.09	13	PASS
				RB12#6	6.13	13	PASS
				RB12#13	6.21	13	PASS
				RB25#0	6.84	13	PASS
		10	LCH	RB1#0	5.54	13	PASS
				RB1#25	5.19	13	PASS
				RB1#49	5.31	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.2	13	PASS
				RB25#13	6.5	13	PASS
				RB25#25	6.31	13	PASS
				RB50#0	6.6	13	PASS
			MCH	RB1#0	5.22	13	PASS
				RB1#25	5.07	13	PASS
				RB1#49	5.33	13	PASS
				RB25#0	6.13	13	PASS
				RB25#13	6.11	13	PASS
				RB25#25	6.18	13	PASS
				RB50#0	6.47	13	PASS
			HCH	RB1#0	5.43	13	PASS
				RB1#25	5.3	13	PASS
				RB1#49	5.37	13	PASS
				RB25#0	6.46	13	PASS
				RB25#13	6.3	13	PASS
				RB25#25	6.34	13	PASS
				RB50#0	6.49	13	PASS
		15	LCH	RB1#0	6.01	13	PASS
				RB1#38	5.61	13	PASS
				RB1#74	5.62	13	PASS
				RB36#0	6.5	13	PASS
				RB36#18	6.45	13	PASS
				RB36#39	6.4	13	PASS
				RB75#0	6.87	13	PASS
			MCH	RB1#0	5.56	13	PASS
				RB1#38	5.27	13	PASS
				RB1#74	5.63	13	PASS
				RB36#0	6.31	13	PASS
				RB36#18	6.26	13	PASS
				RB36#39	6.46	13	PASS
				RB75#0	6.57	13	PASS
			HCH	RB1#0	5.4	13	PASS
				RB1#38	5.14	13	PASS
				RB1#74	5.73	13	PASS
				RB36#0	6.72	13	PASS
				RB36#18	6.63	13	PASS
				RB36#39	6.54	13	PASS
				RB75#0	7.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	5.29	13	PASS
				RB1#50	4.91	13	PASS
				RB1#99	5.06	13	PASS
				RB50#0	6.29	13	PASS
				RB50#25	6.17	13	PASS
				RB50#50	6.23	13	PASS
				RB100#0	6.77	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#50	4.73	13	PASS
				RB1#99	5.11	13	PASS
				RB50#0	6.34	13	PASS
				RB50#25	6.2	13	PASS
				RB50#50	6.52	13	PASS
				RB100#0	6.83	13	PASS
			HCH	RB1#0	5.02	13	PASS
				RB1#50	4.98	13	PASS
				RB1#99	5.13	13	PASS
				RB50#0	6.33	13	PASS
				RB50#25	6.55	13	PASS
				RB50#50	6.37	13	PASS
				RB100#0	7.08	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

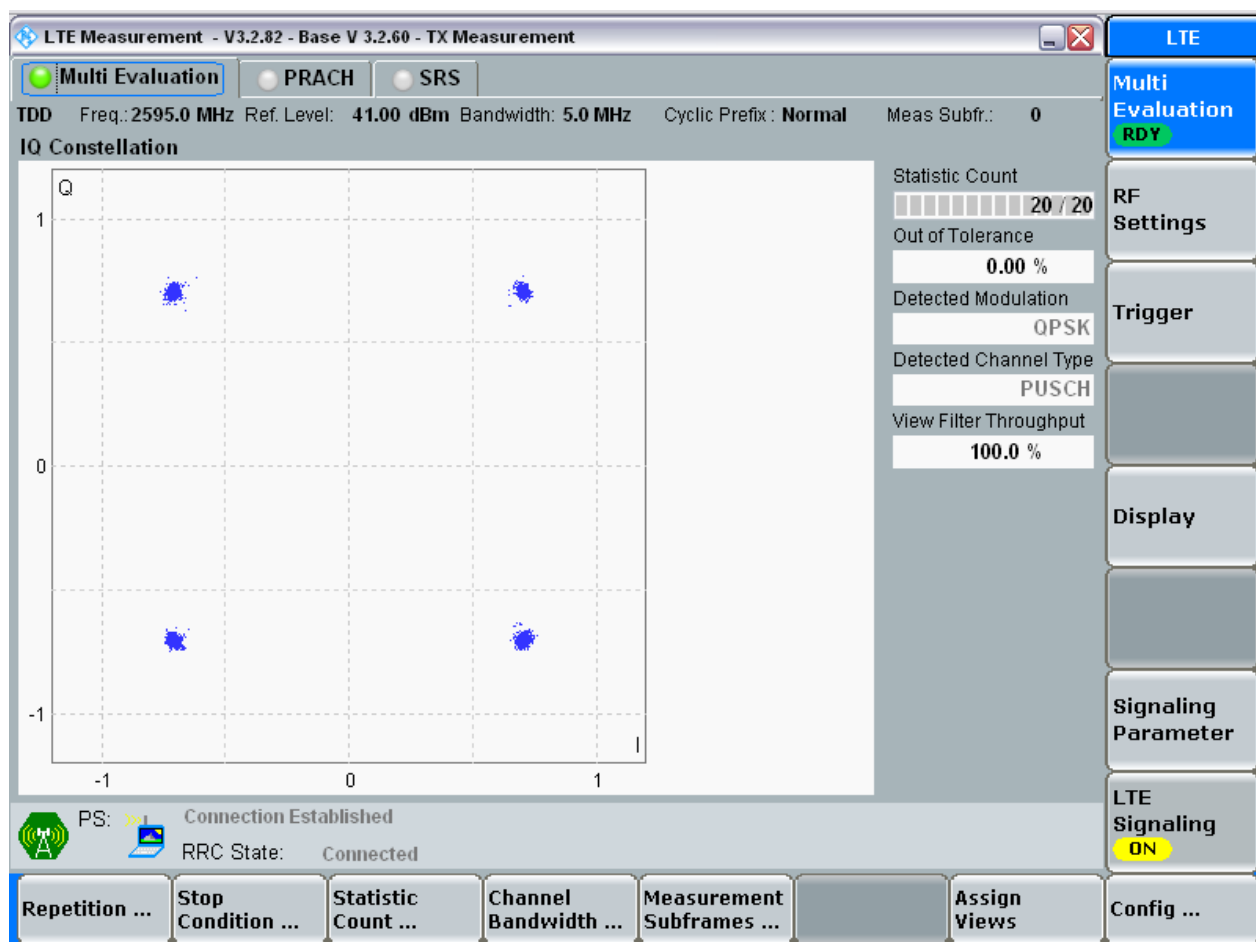
3.1.1 Test Band = BAND38

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

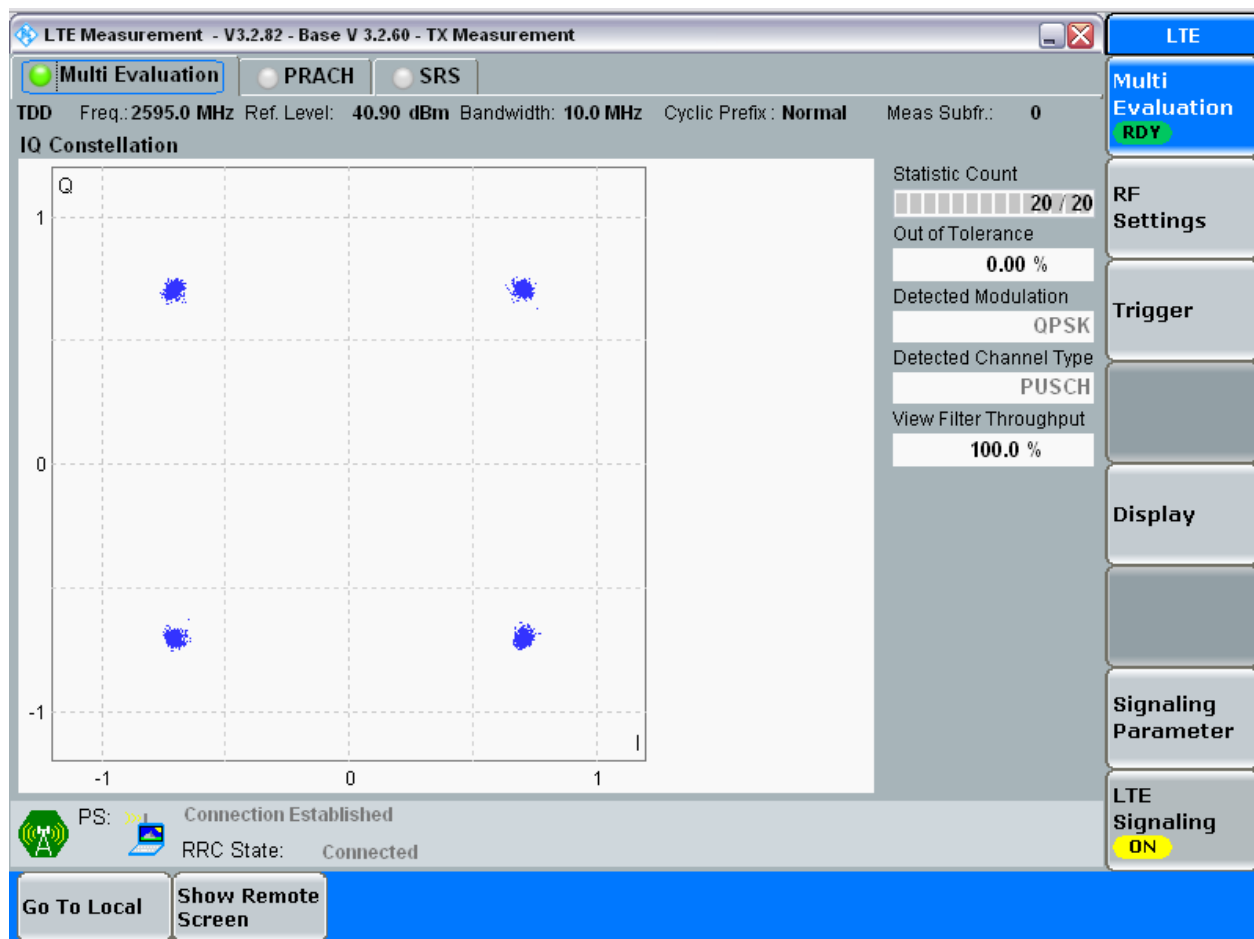
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

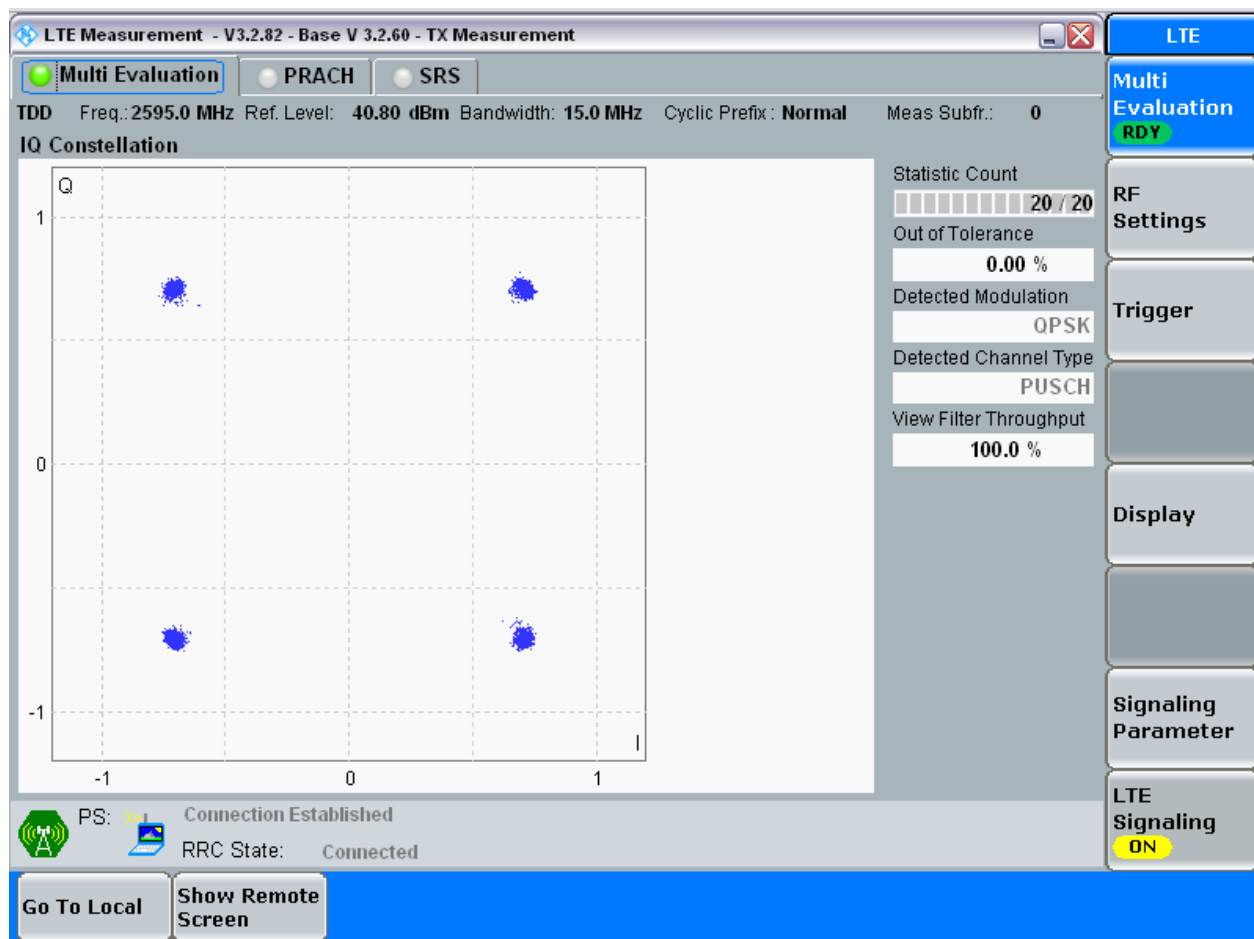
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

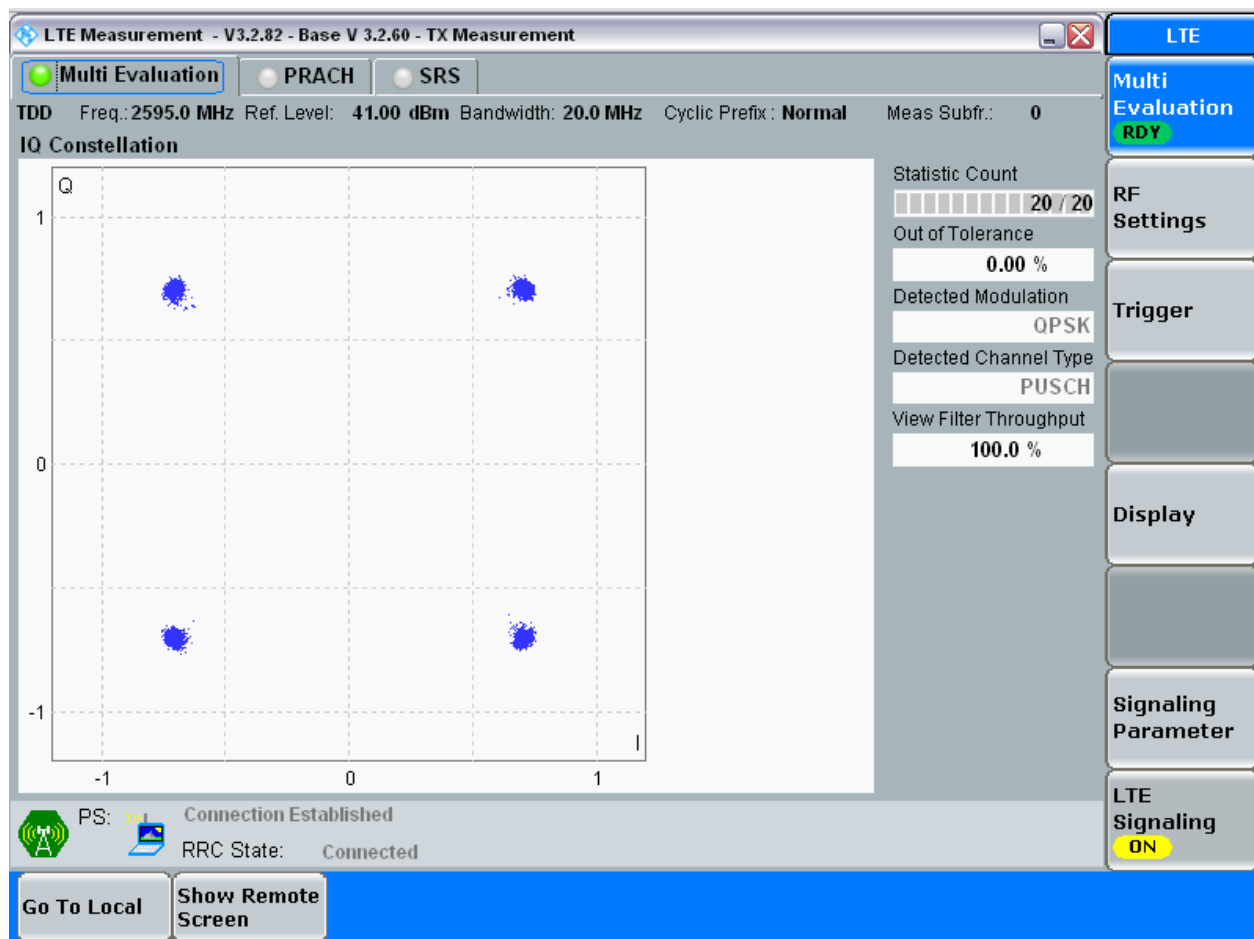
3.1.1.1.3.1.1 Test RB = RB75#0



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

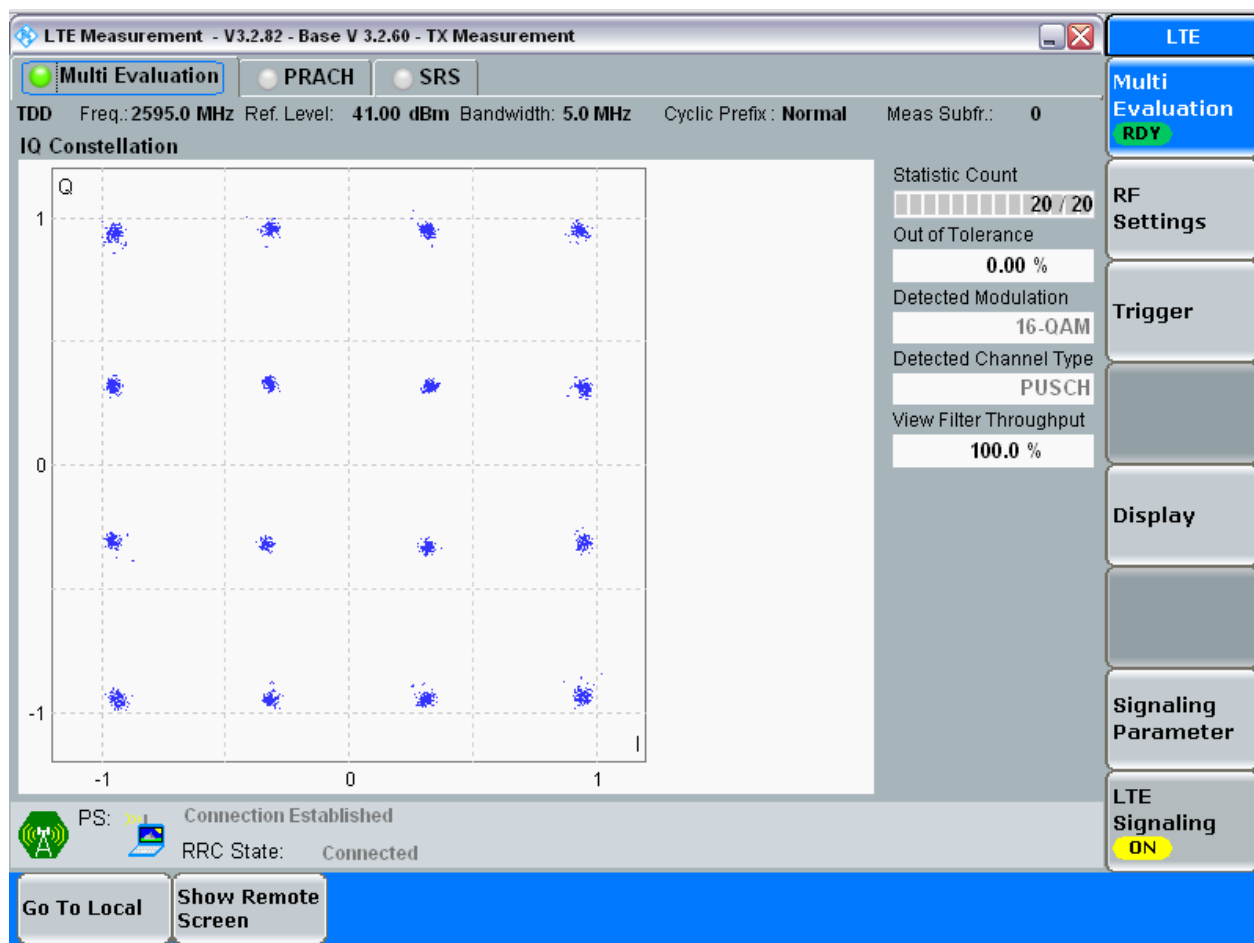


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

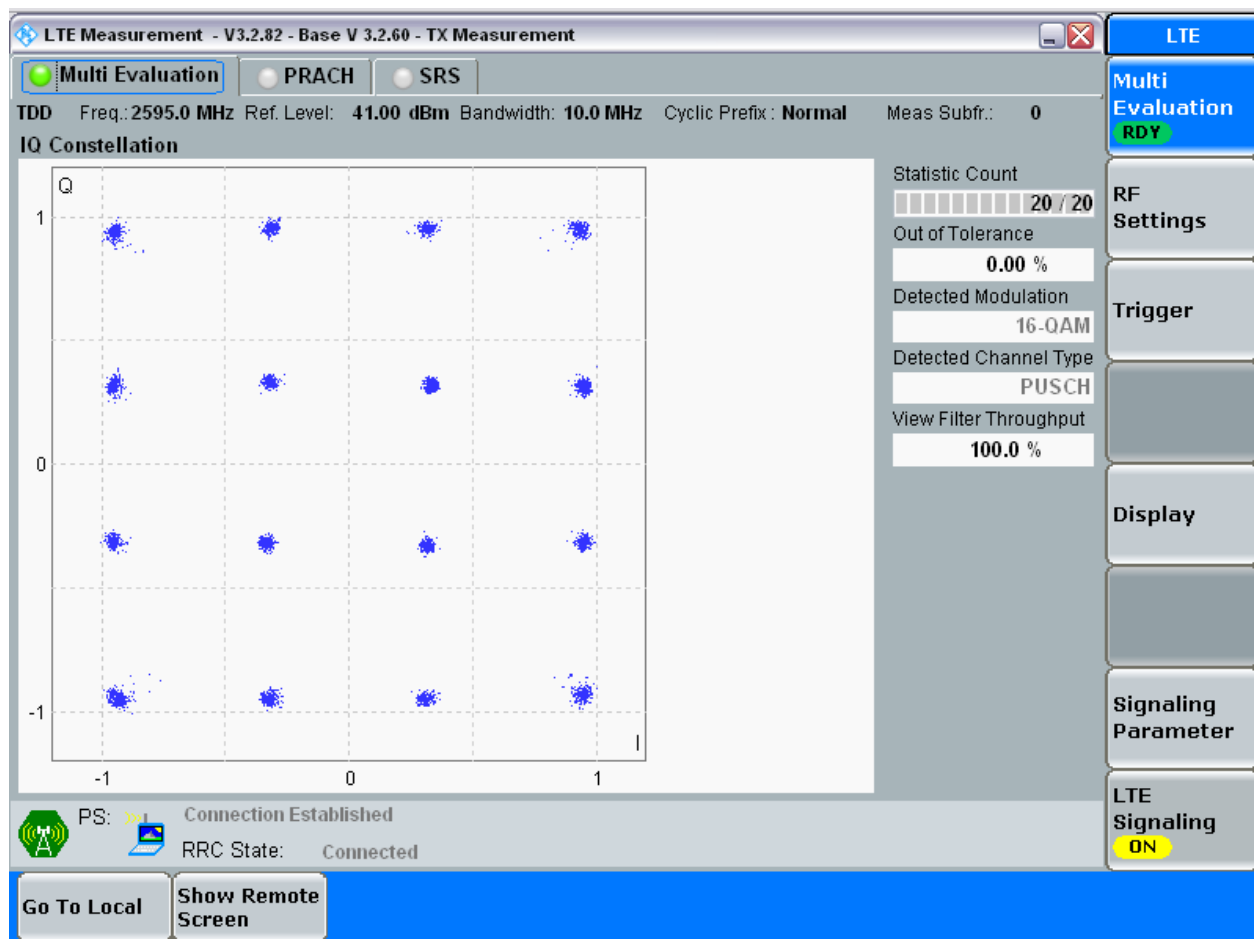
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

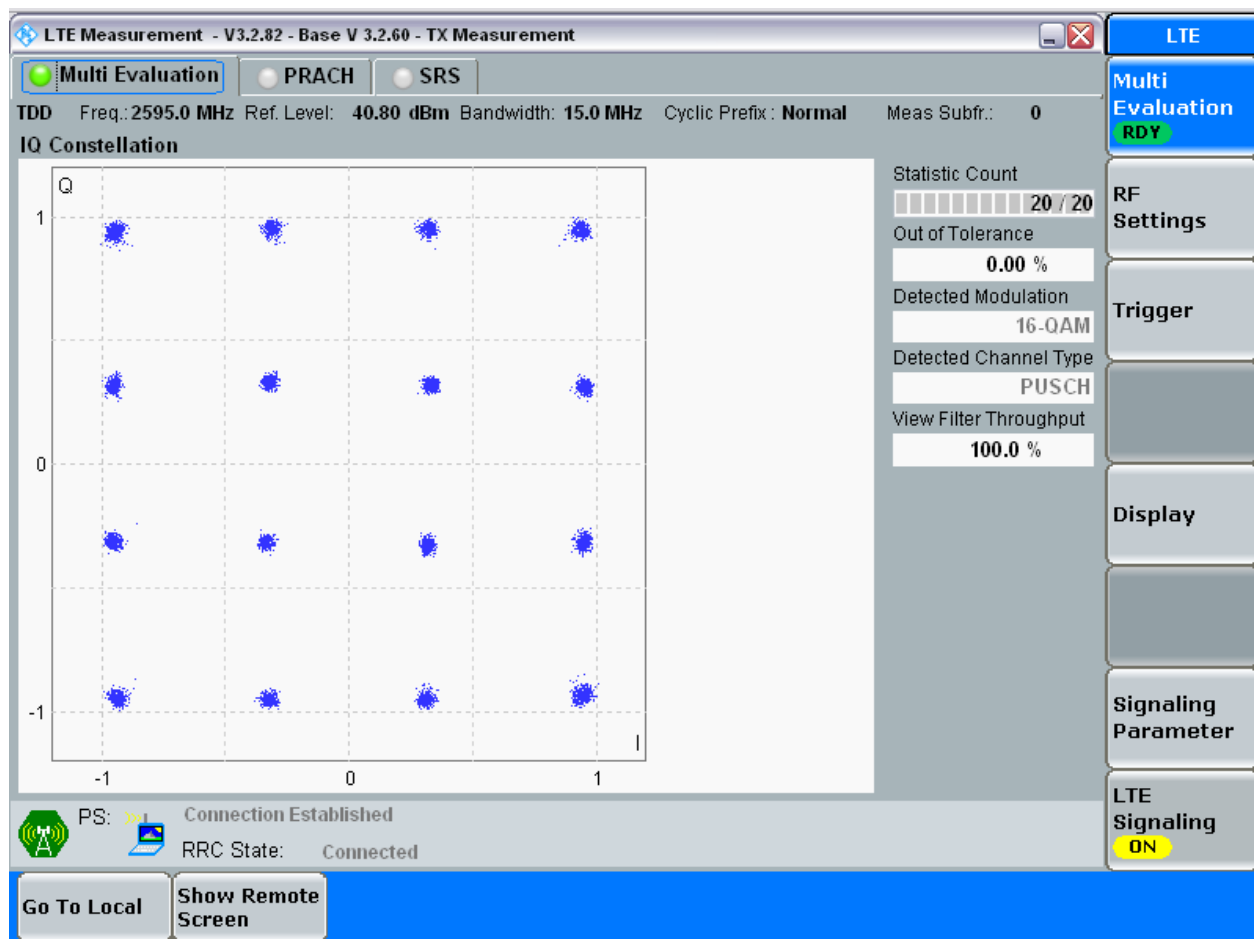
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

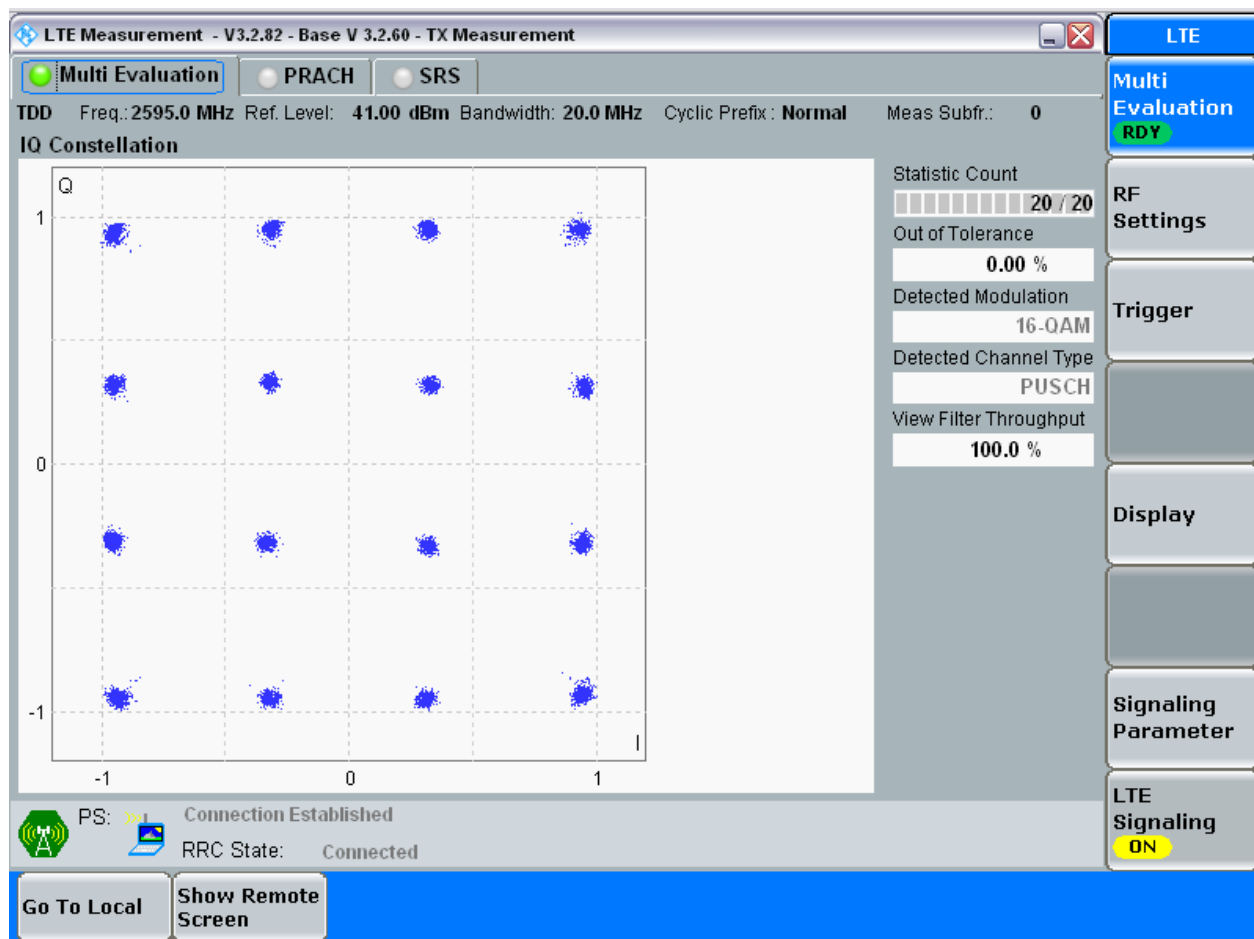
3.1.1.2.3.1.1 Test RB = RB75#0



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	4.84	Pass
			MCH	RB25#0	4.48	4.85	Pass
			HCH	RB25#0	4.49	4.83	Pass
		10	LCH	RB50#0	8.99	9.60	Pass
			MCH	RB50#0	8.96	9.55	Pass
			HCH	RB50#0	8.97	9.63	Pass
		15	LCH	RB75#0	13.45	14.27	Pass
			MCH	RB75#0	13.47	14.35	Pass
			HCH	RB75#0	13.45	14.26	Pass
		20	LCH	RB100#0	17.96	19.10	Pass
			MCH	RB100#0	17.94	18.98	Pass
			HCH	RB100#0	17.94	19.01	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.49	4.86	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	8.97	9.70	Pass
			MCH	RB50#0	9.00	9.63	Pass
			HCH	RB50#0	9.00	9.60	Pass
		15	LCH	RB75#0	13.47	14.32	Pass
			MCH	RB75#0	13.48	14.31	Pass
			HCH	RB75#0	13.48	14.31	Pass
		20	LCH	RB100#0	17.94	18.98	Pass
			MCH	RB100#0	17.94	19.06	Pass
			HCH	RB100#0	17.94	19.02	Pass



Part II - Test Plots

4.1 For LTE

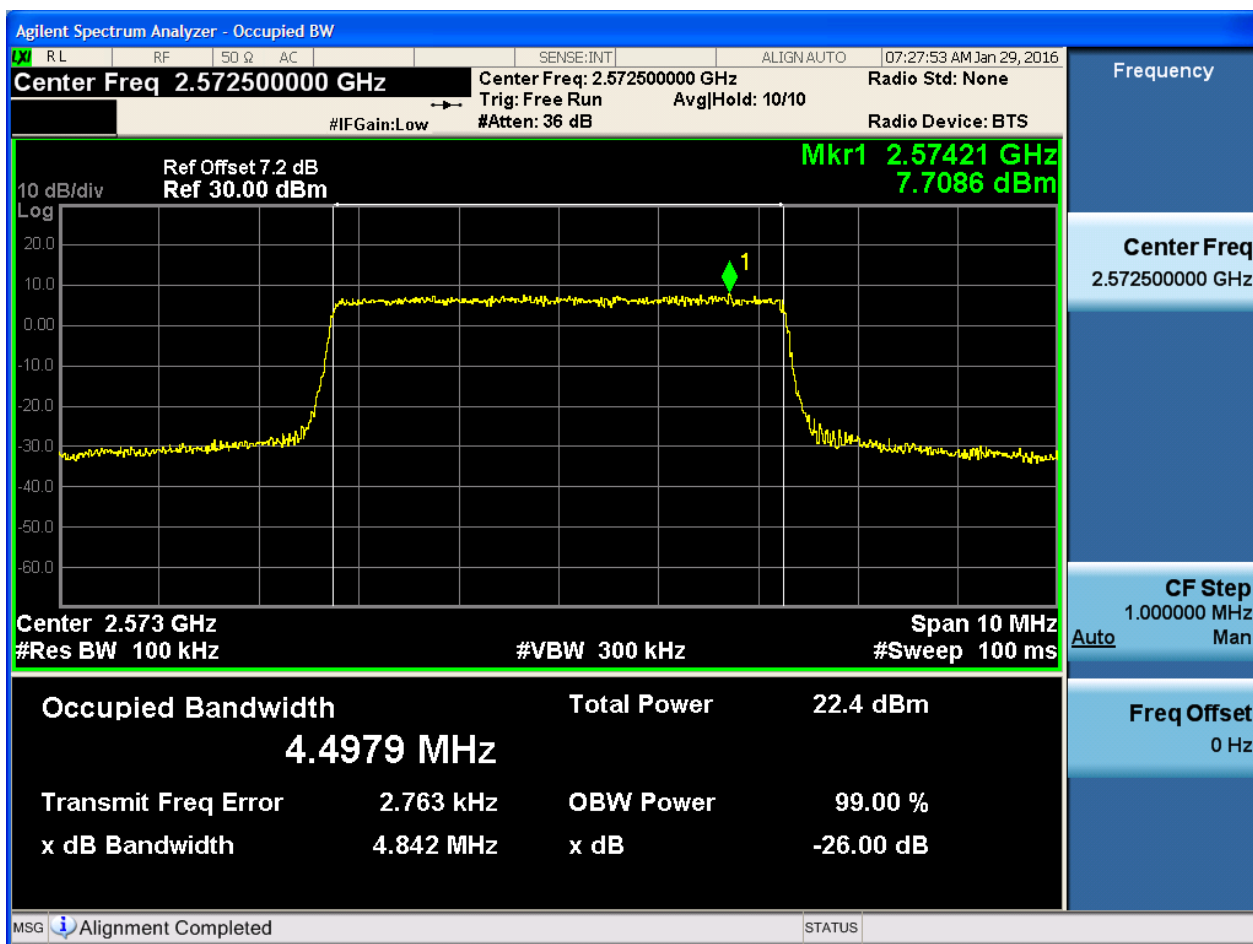
4.1.1 Test Band = BAND38

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

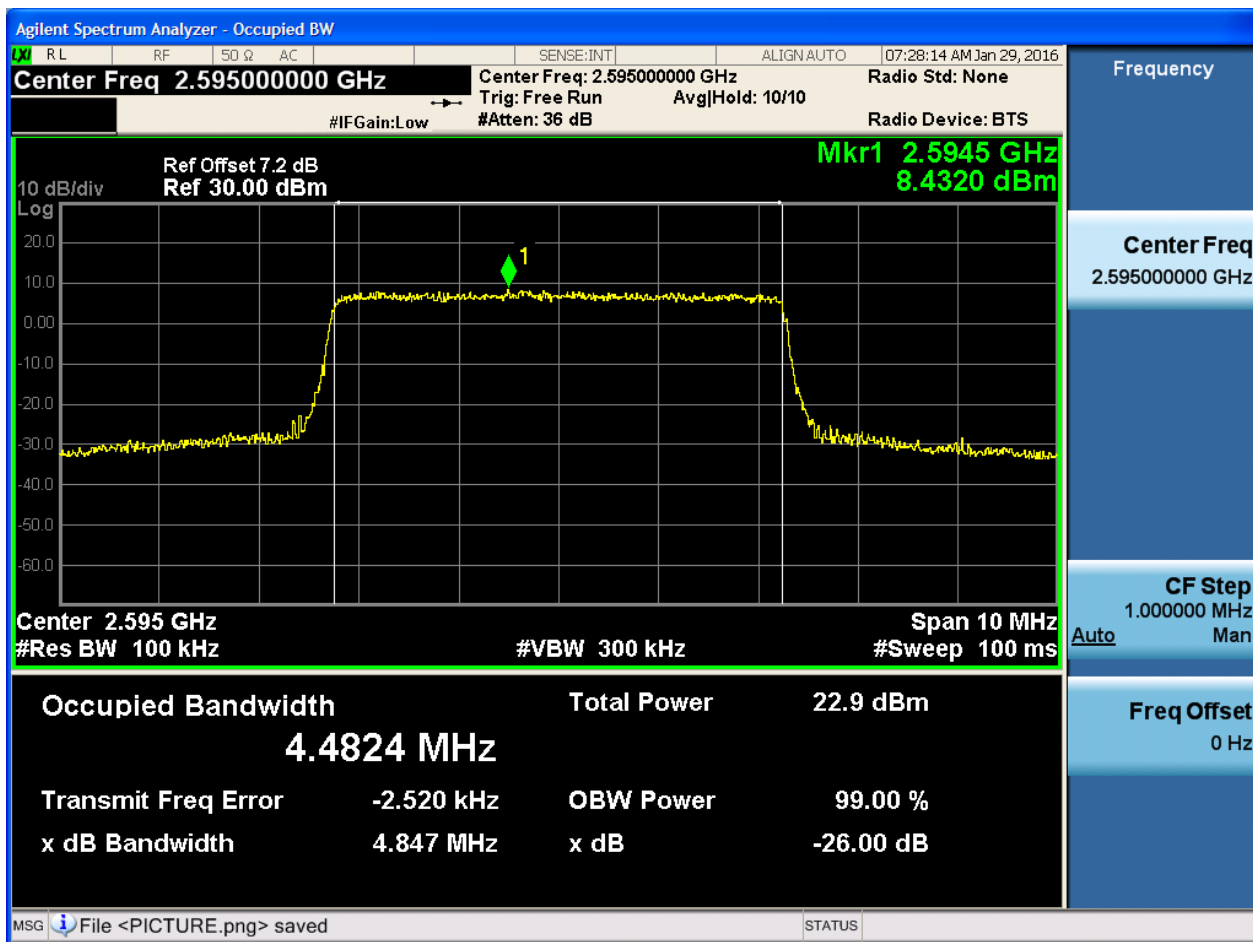
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

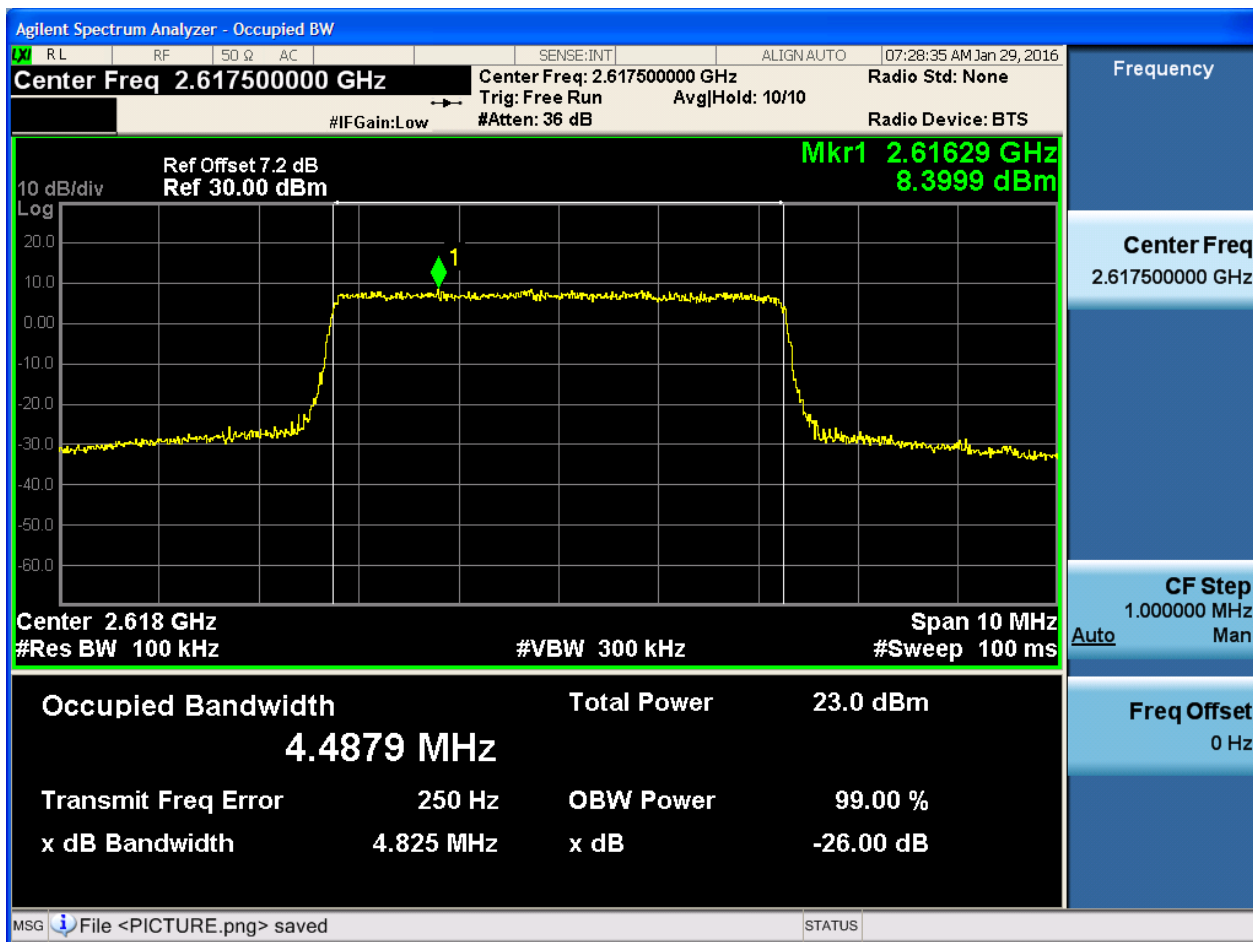
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

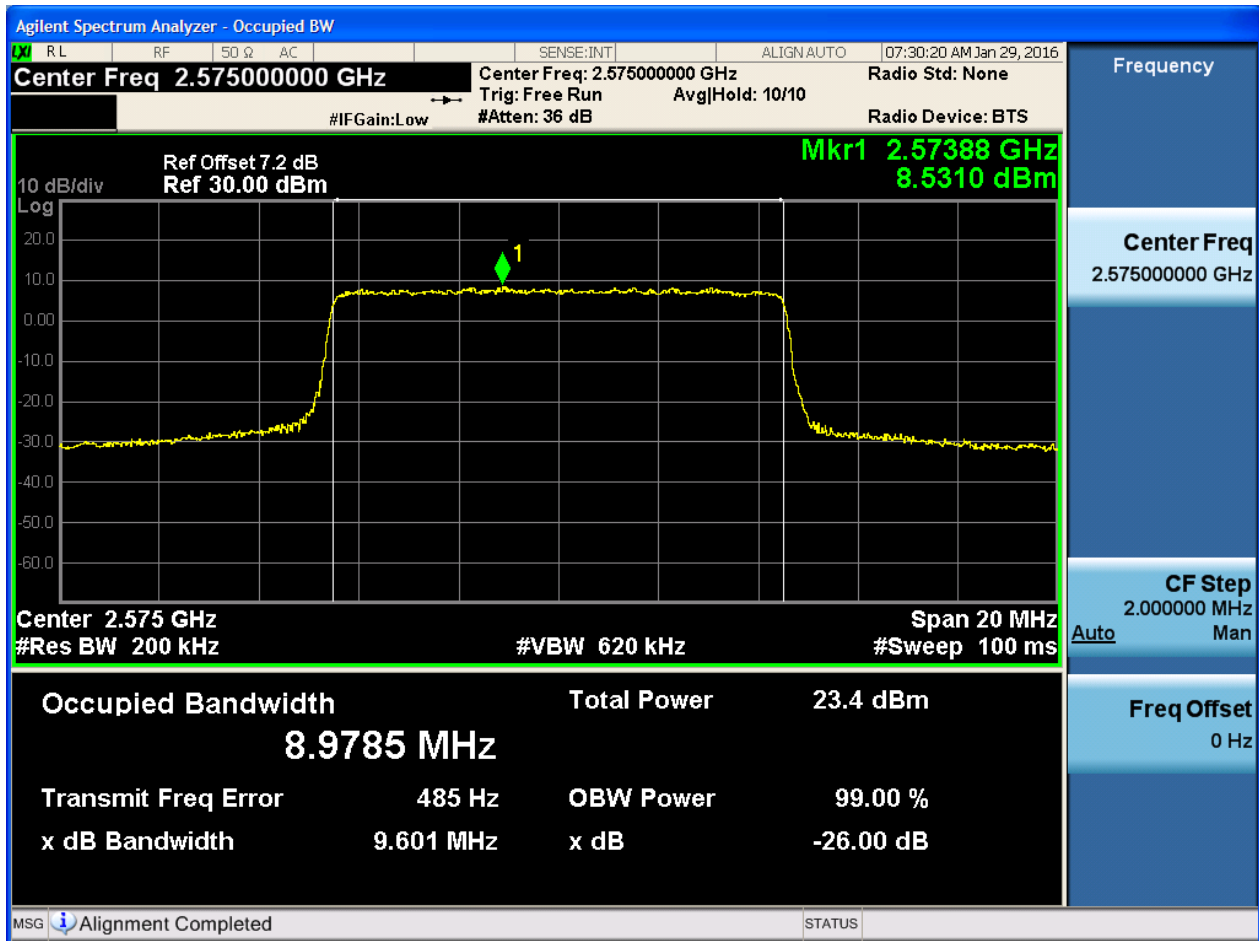




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

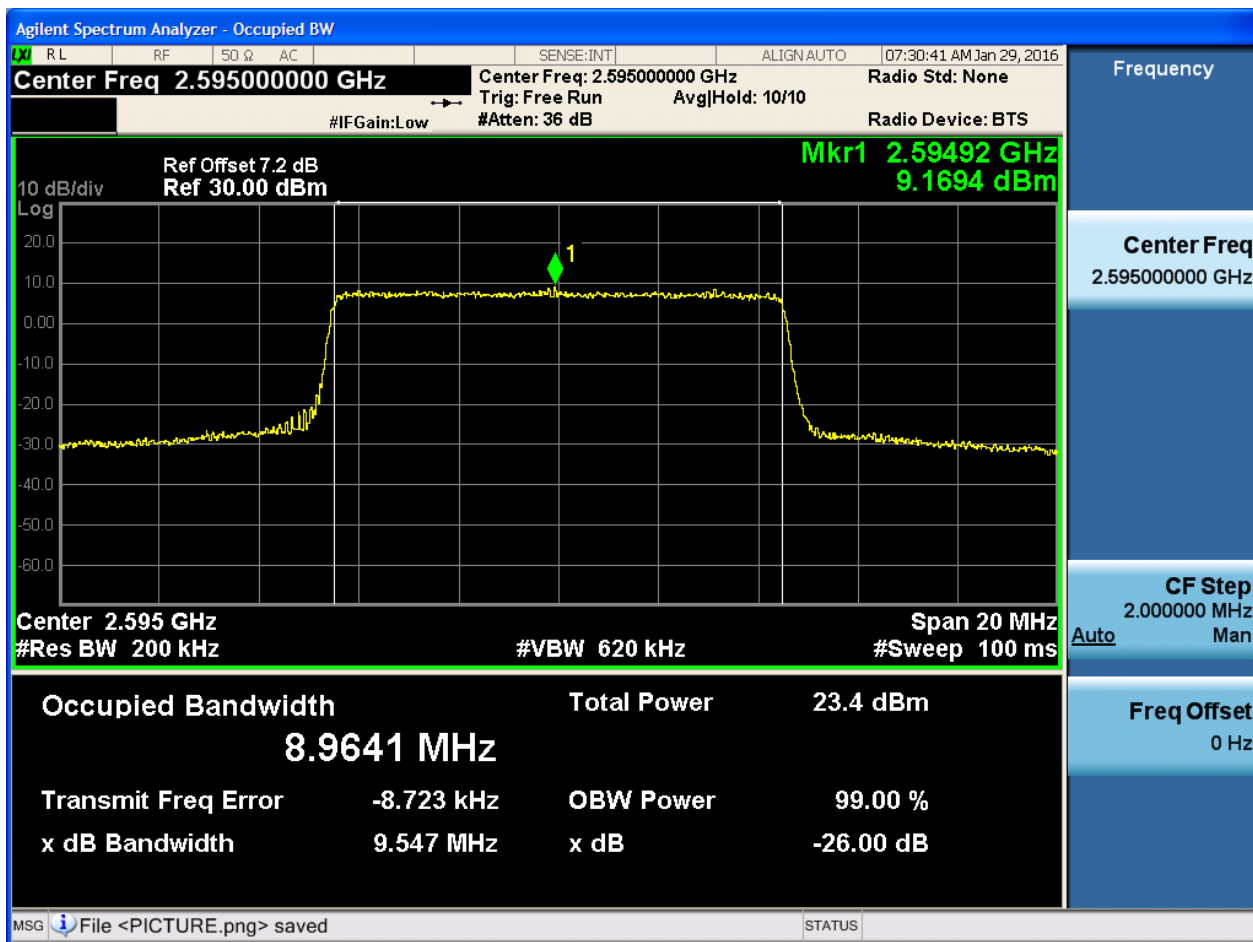
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

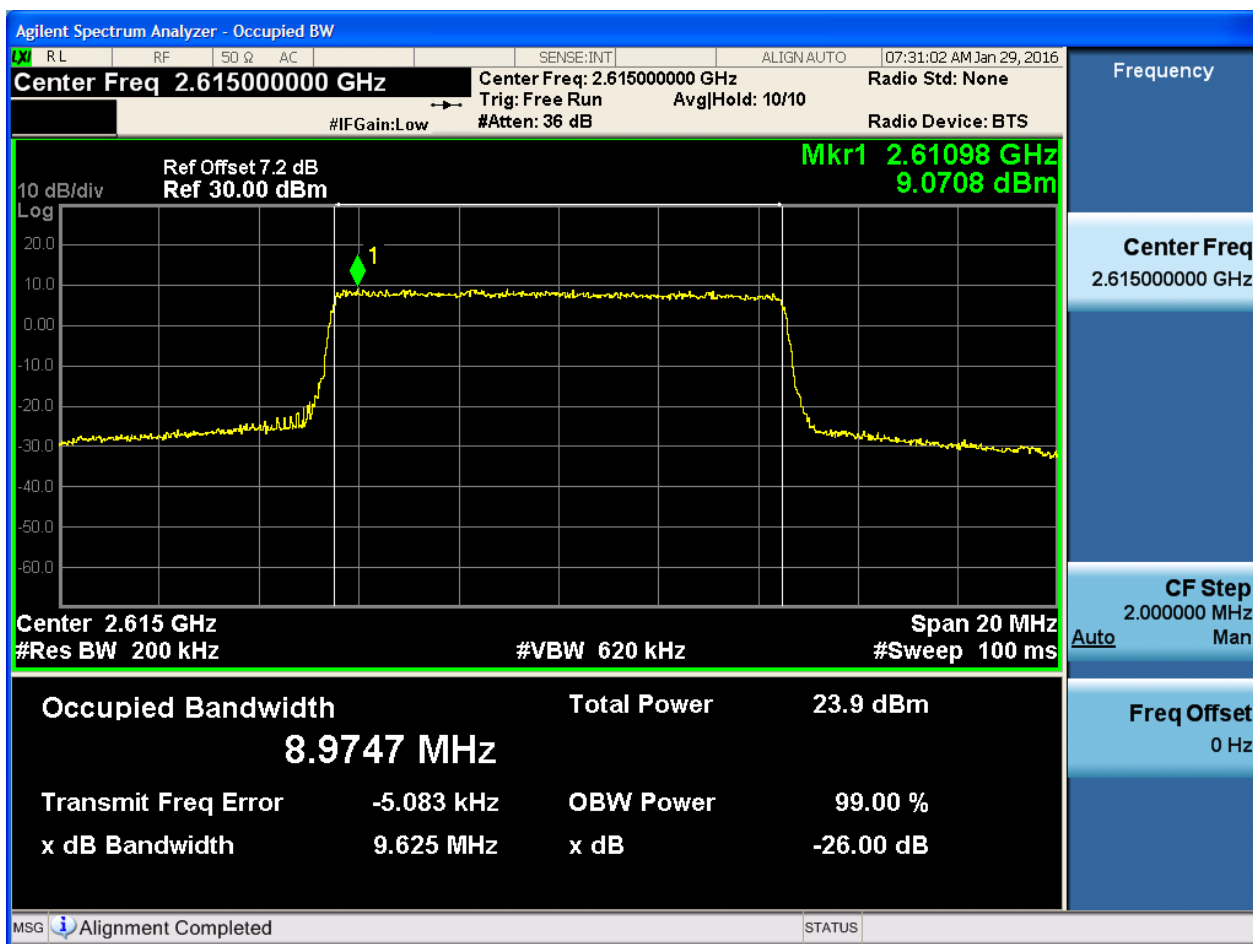
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

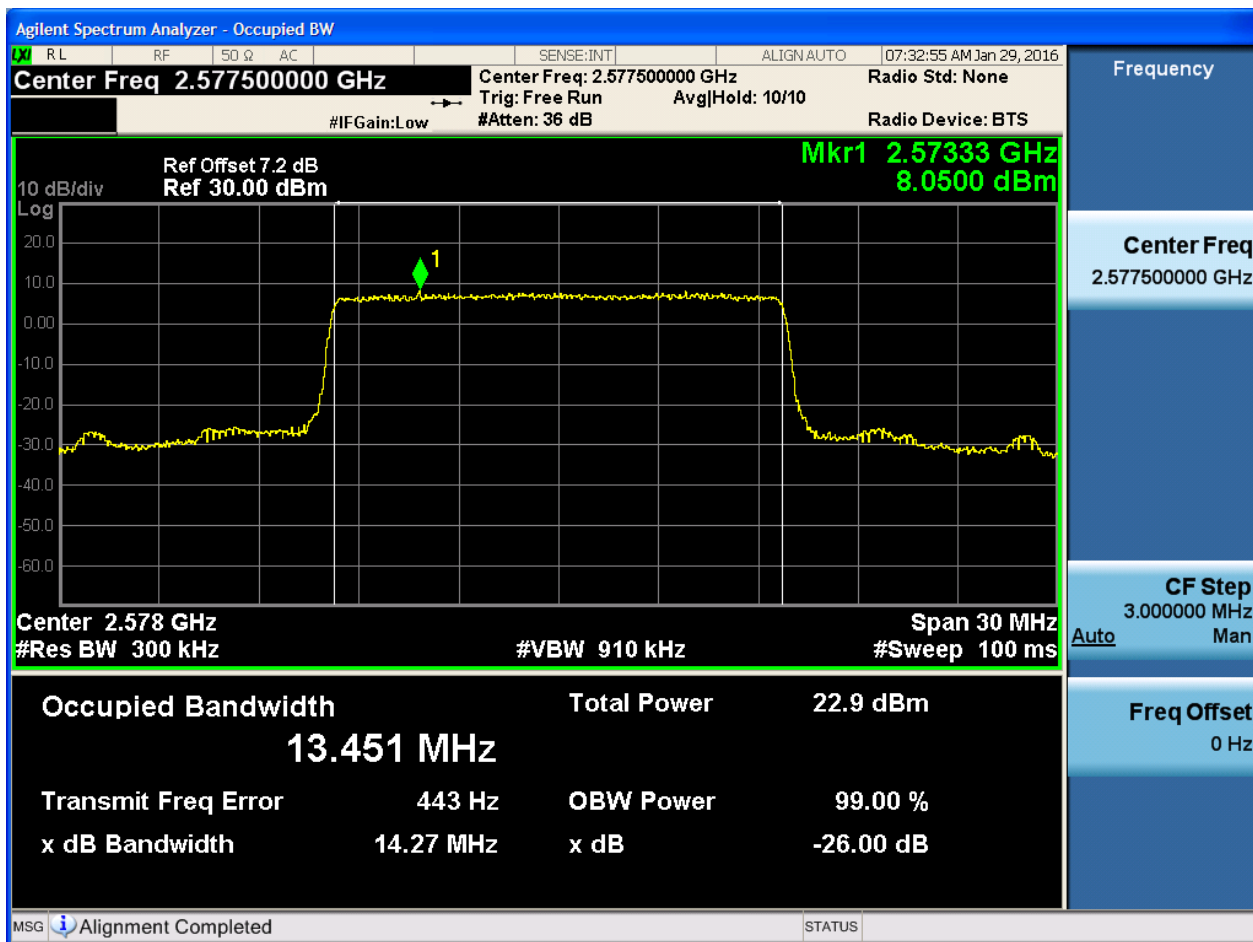




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

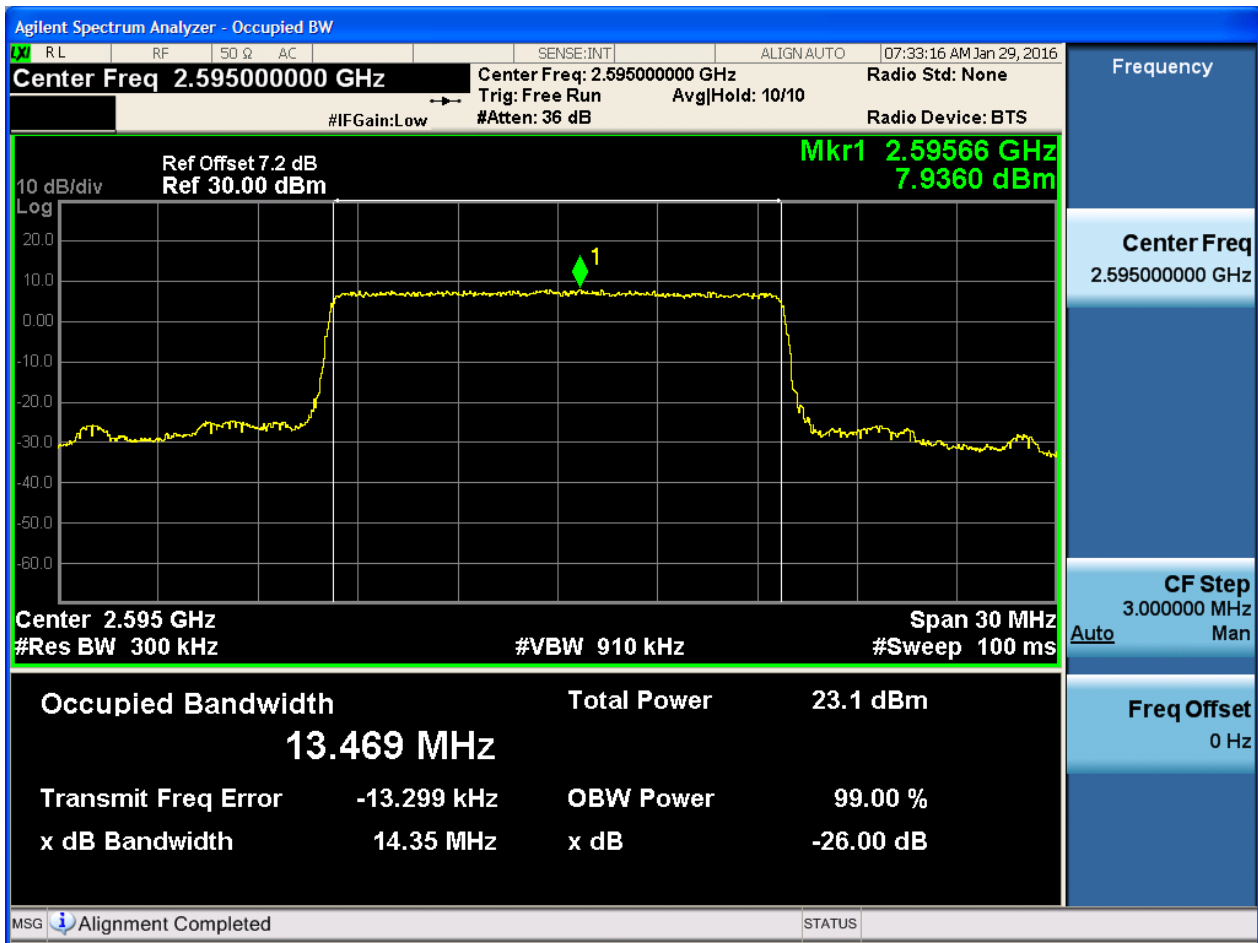
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

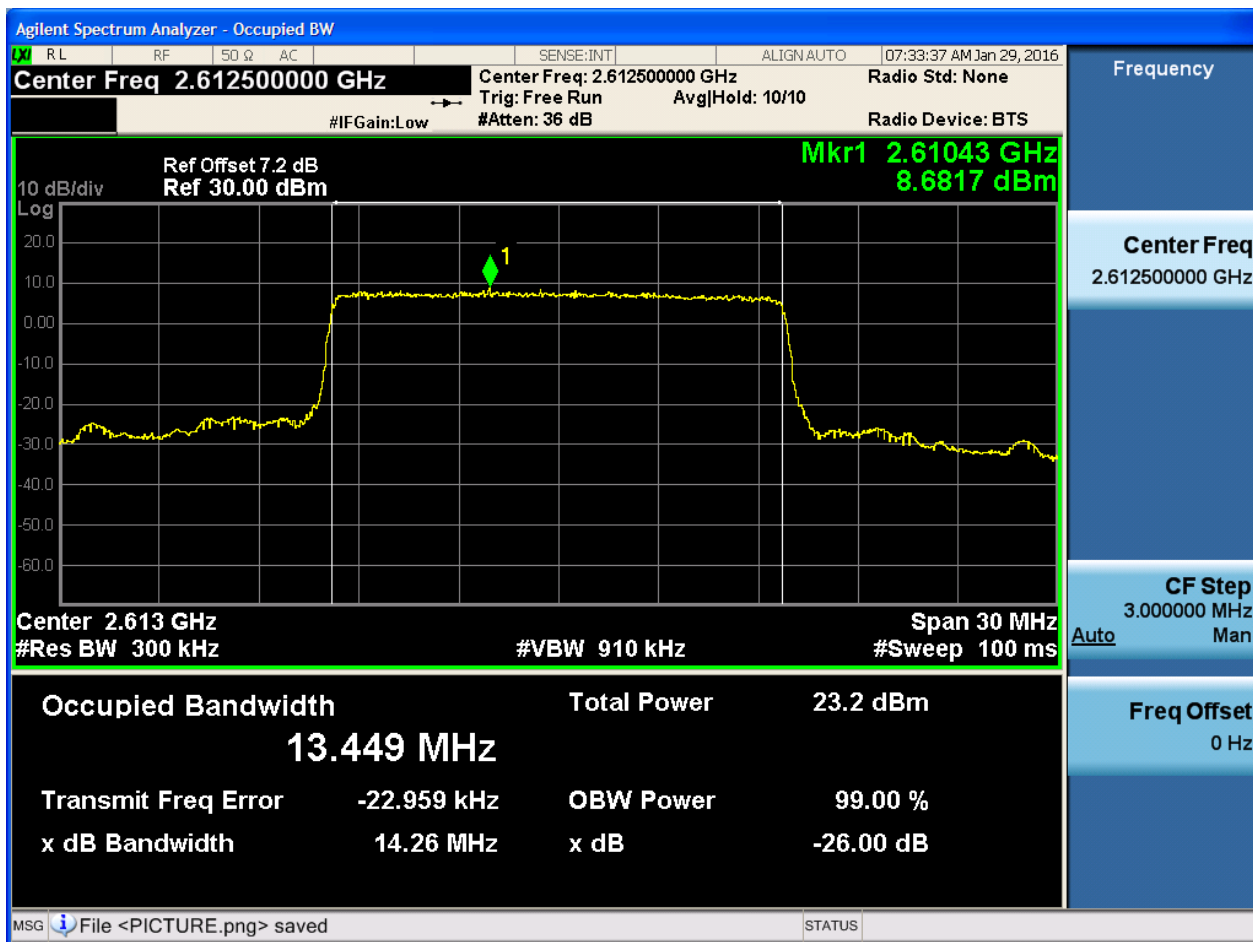
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

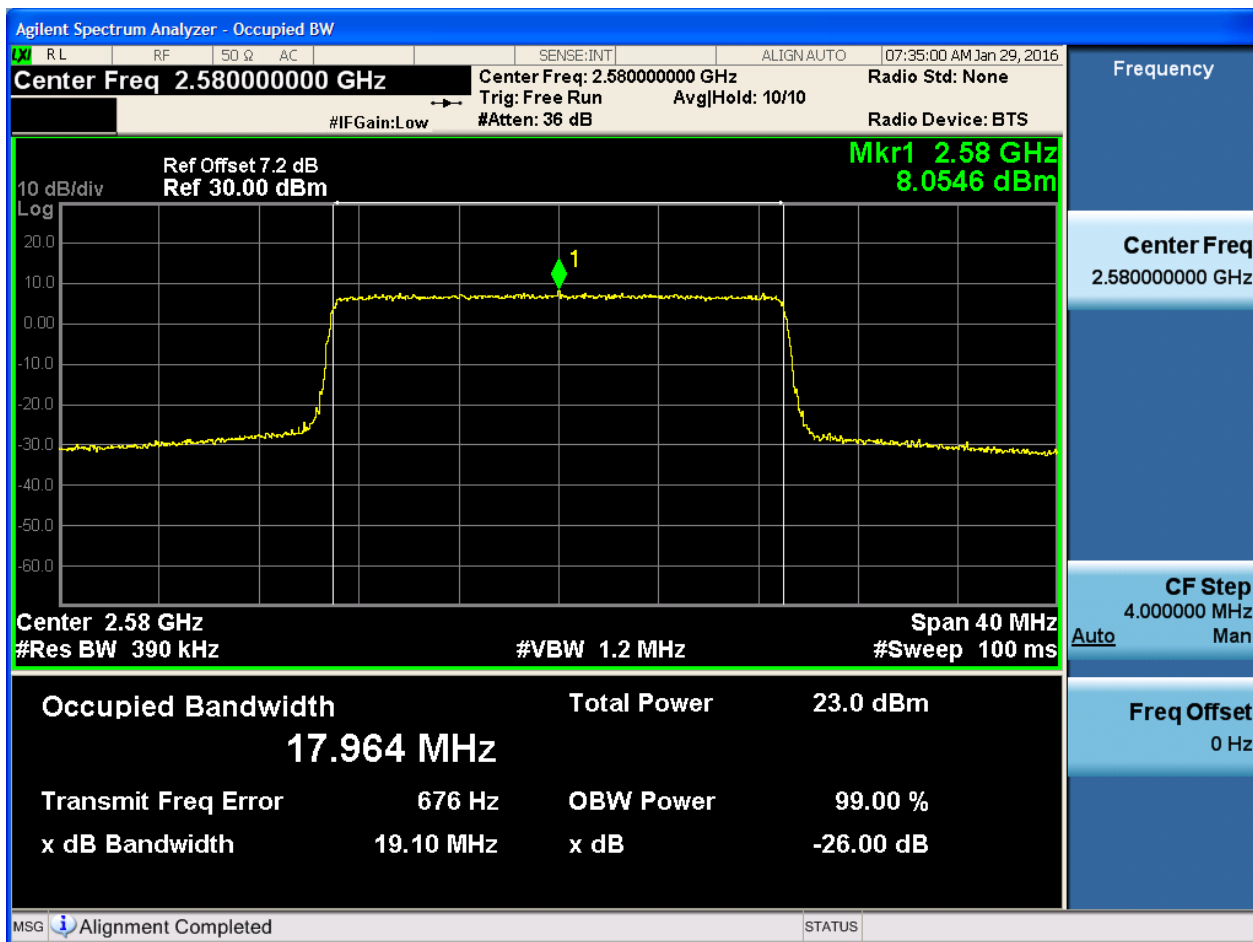




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

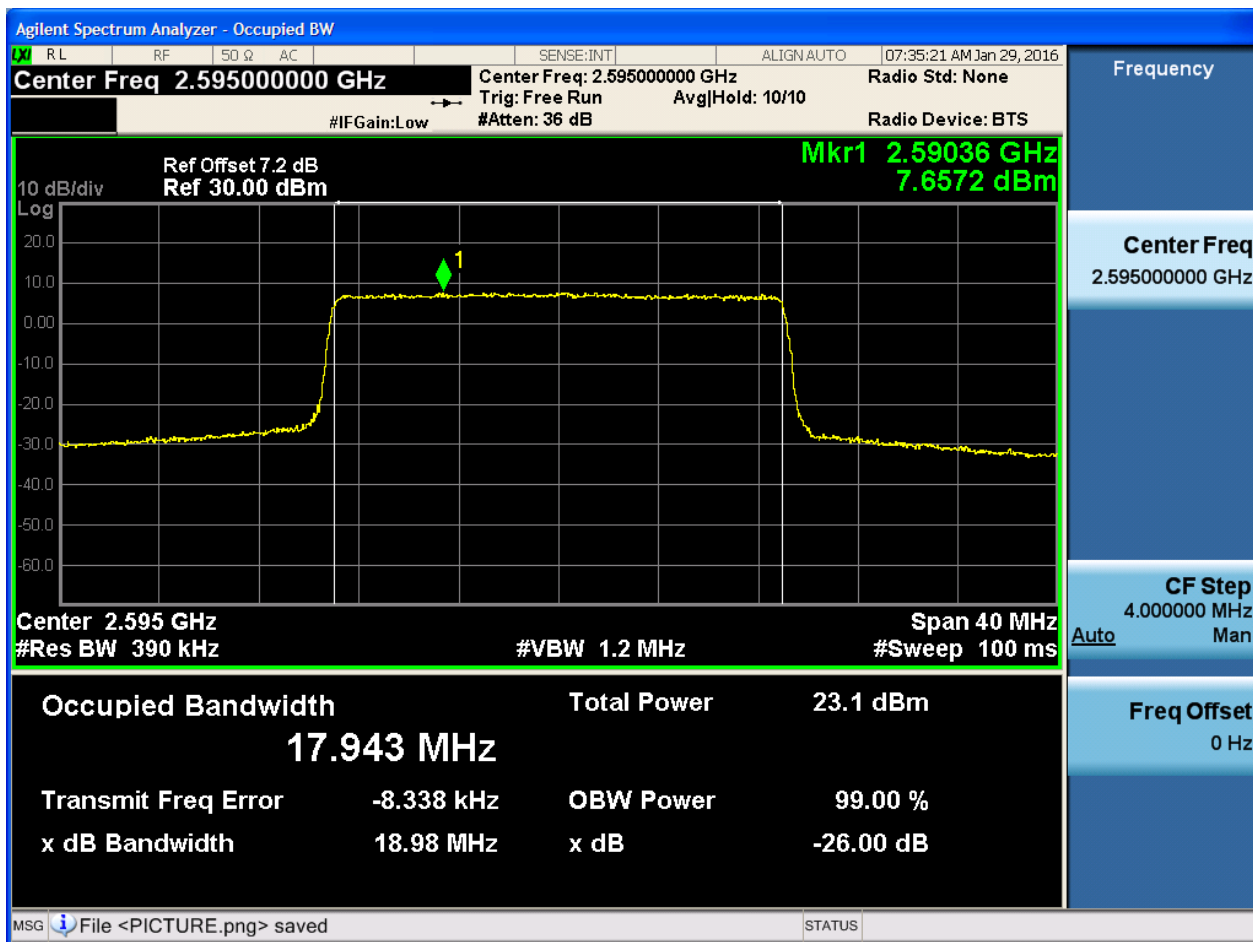
4.1.1.1.4.1.1 Test RB = RB100#0





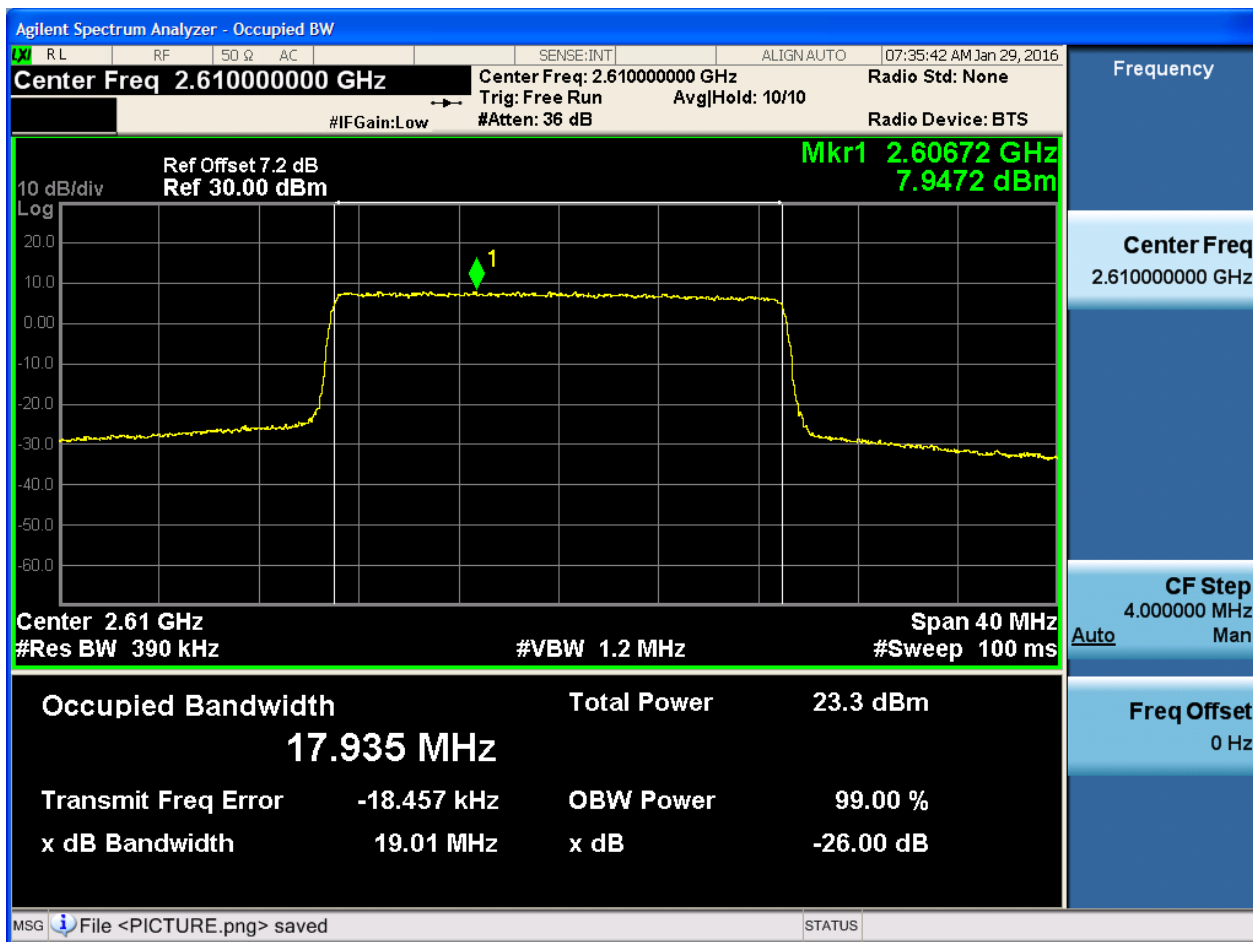
4.1.1.1.4.2 Test Channel = MCH

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



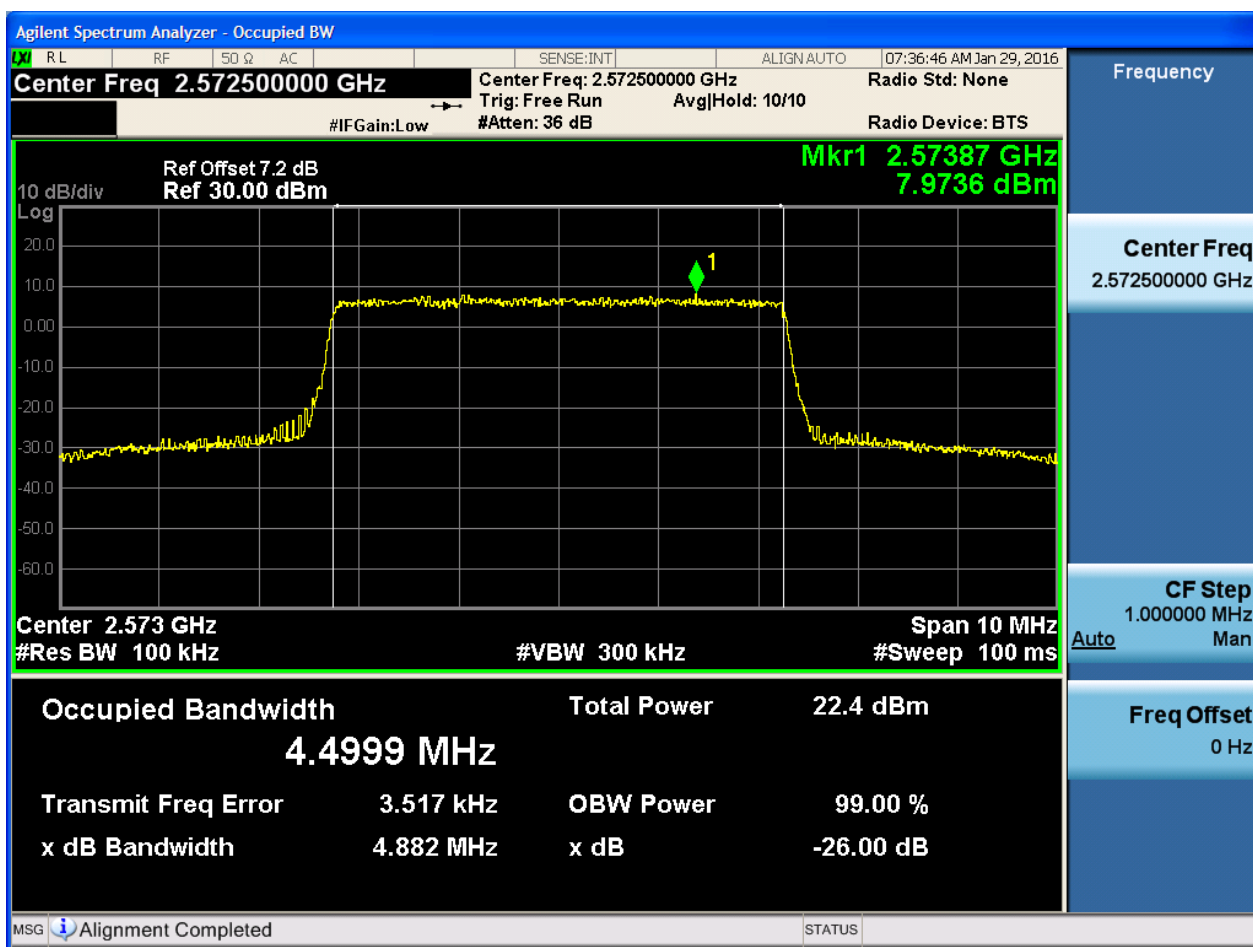


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

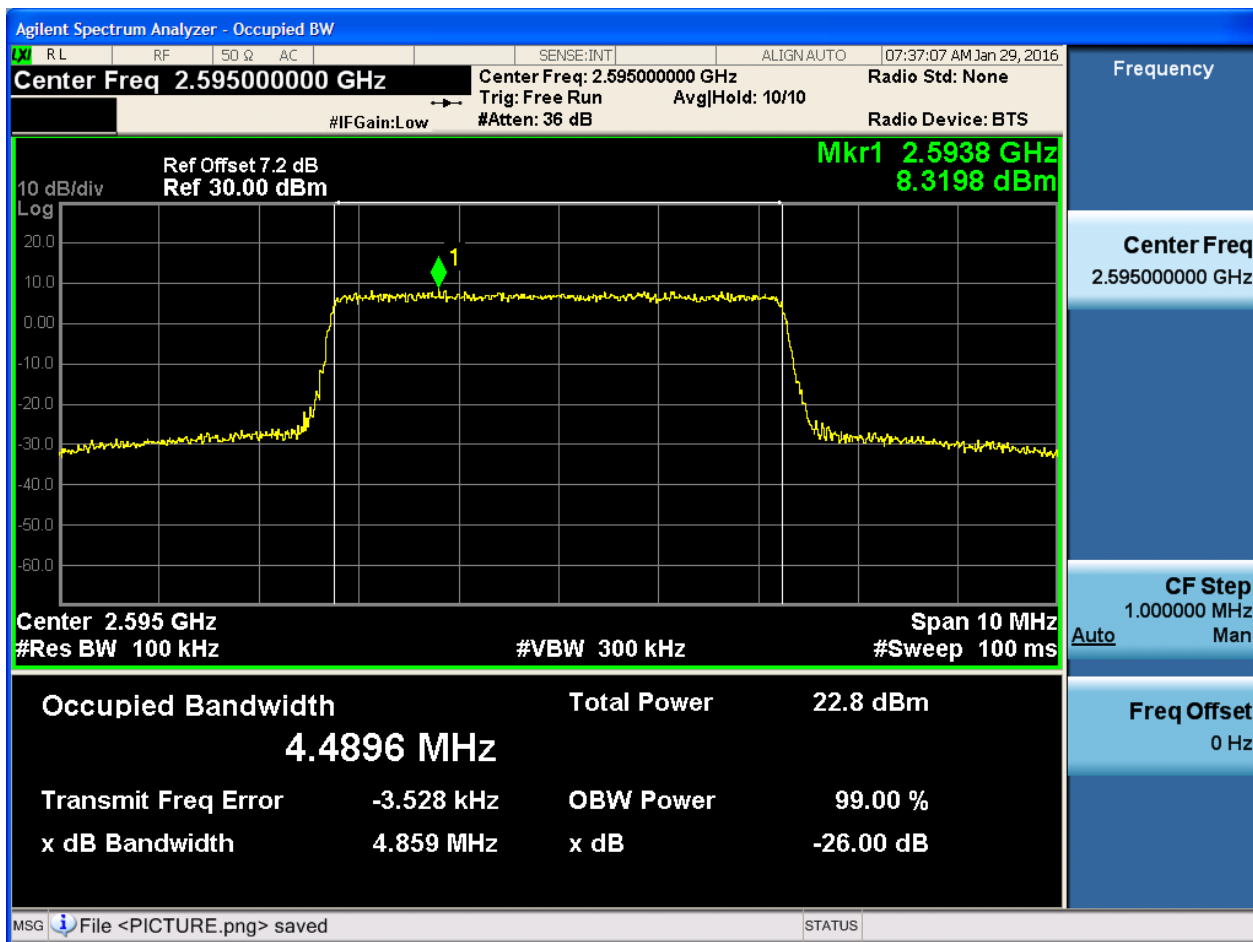
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

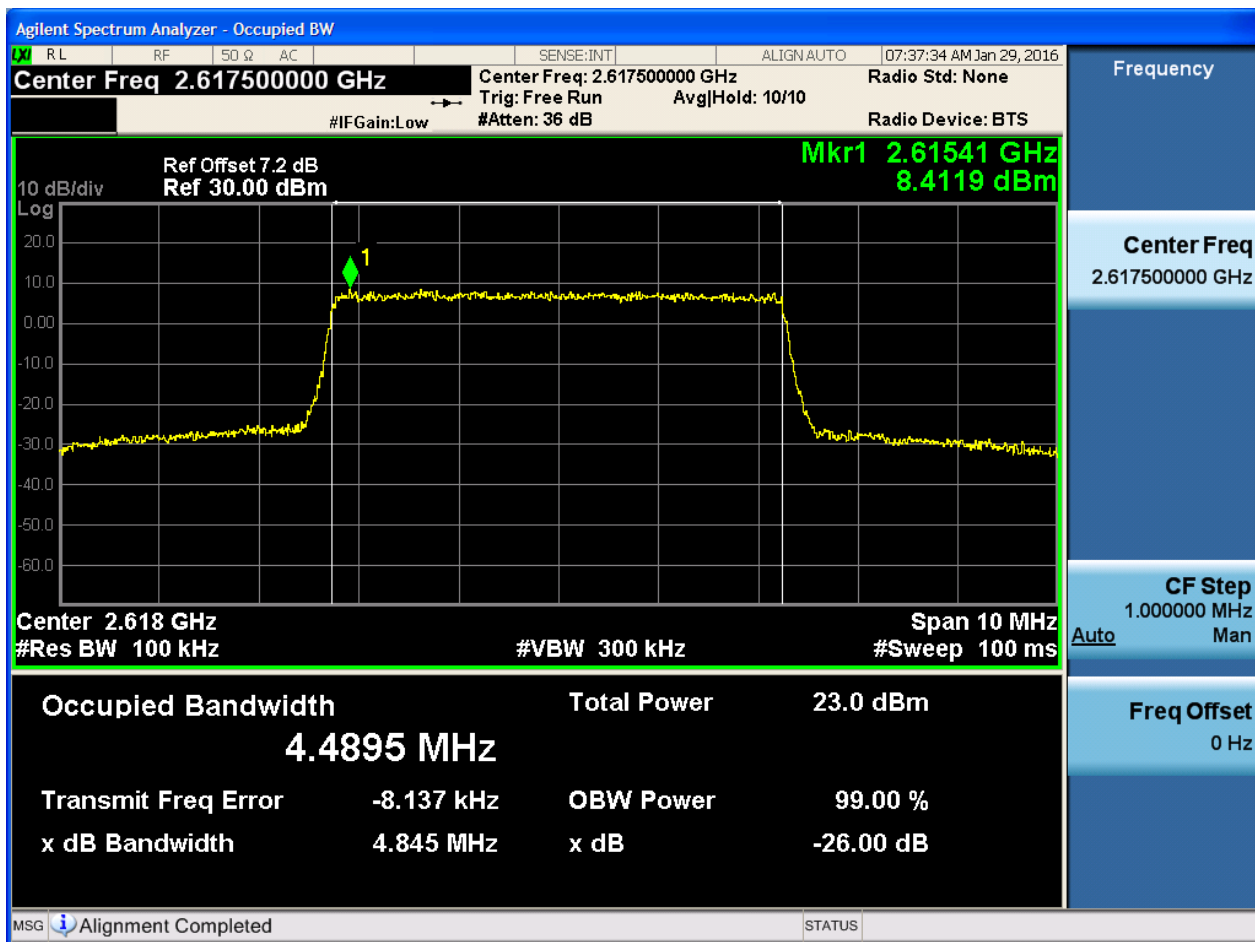
4.1.1.2.1.2.1 Test RB = RB25#0





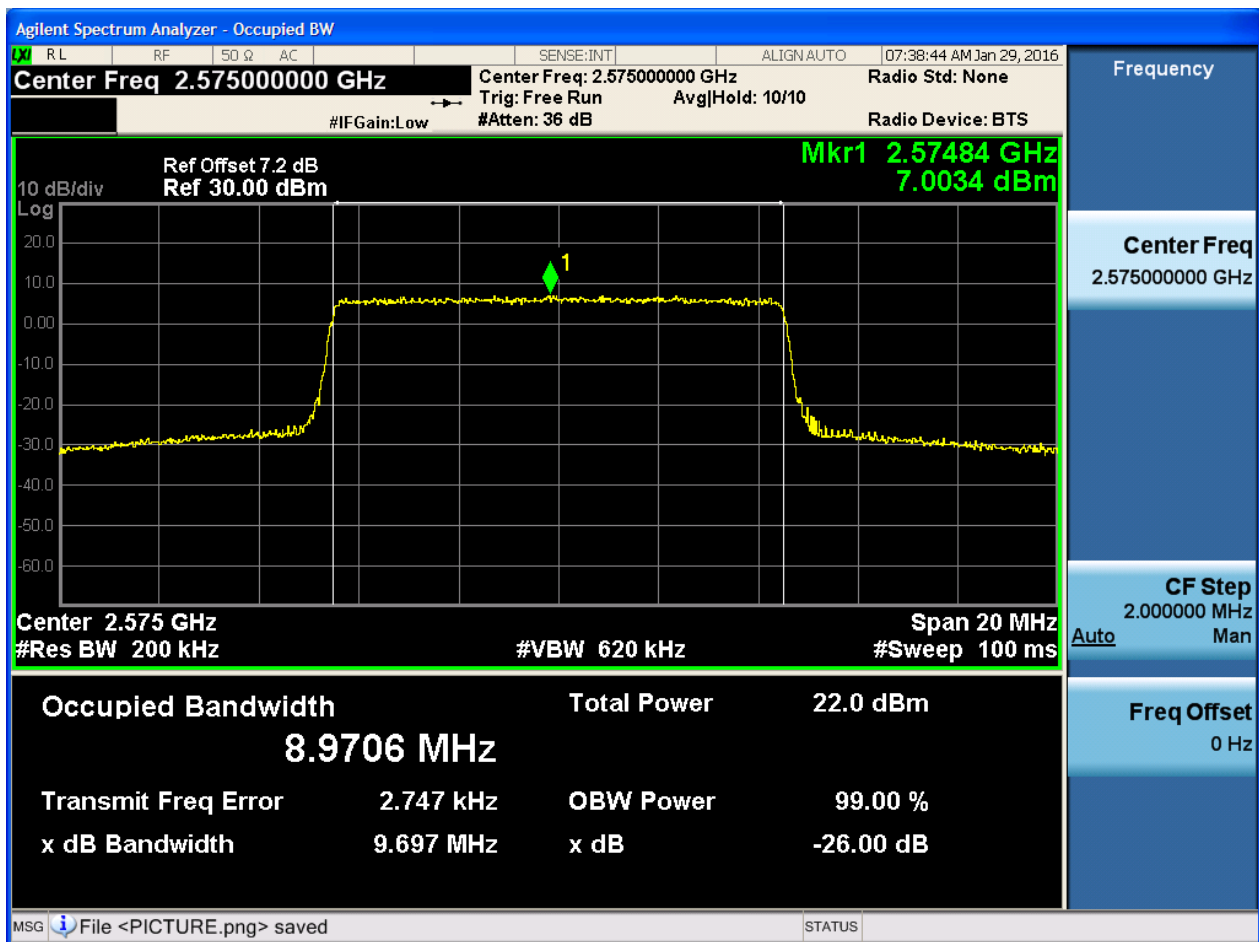
4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0





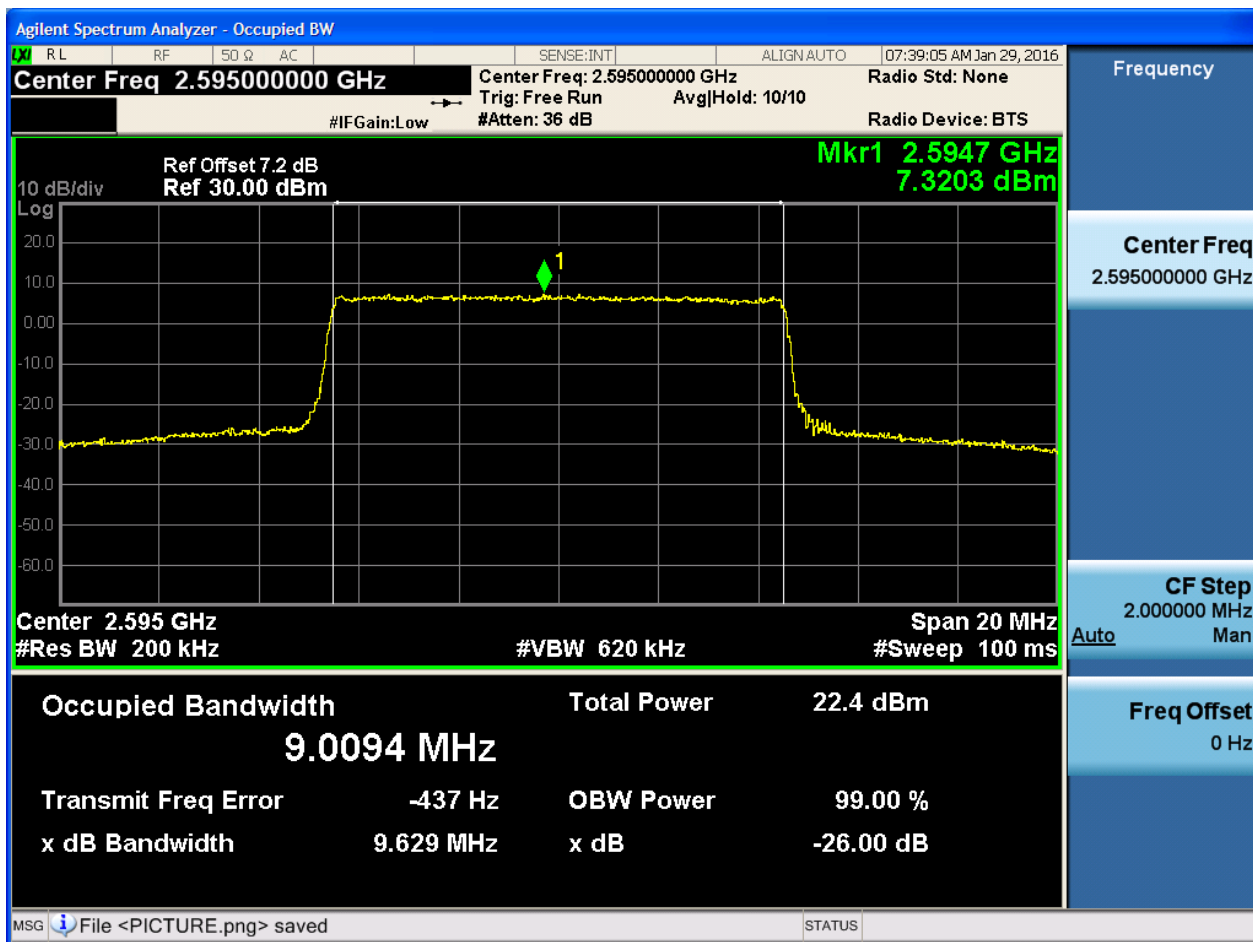
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

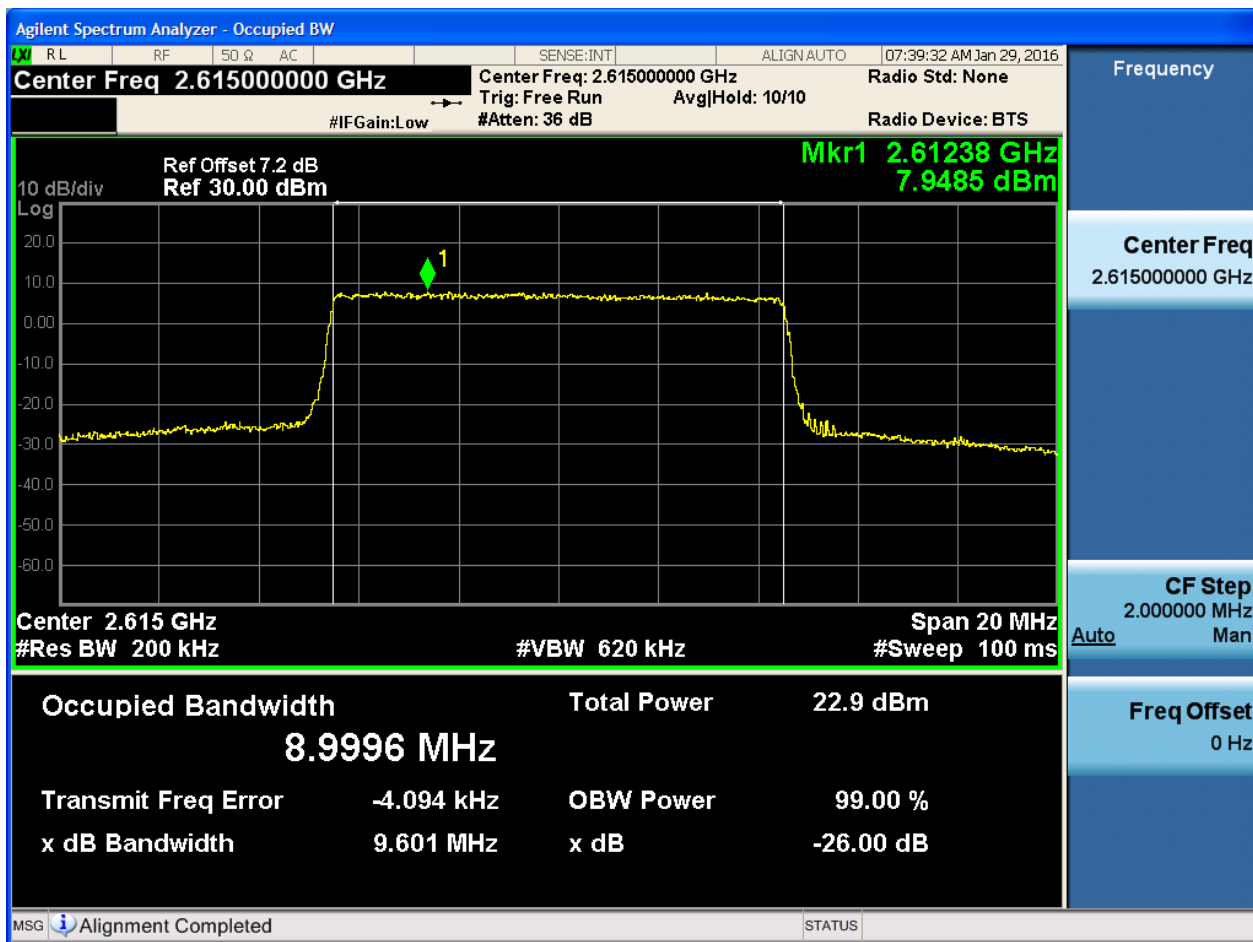
4.1.1.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

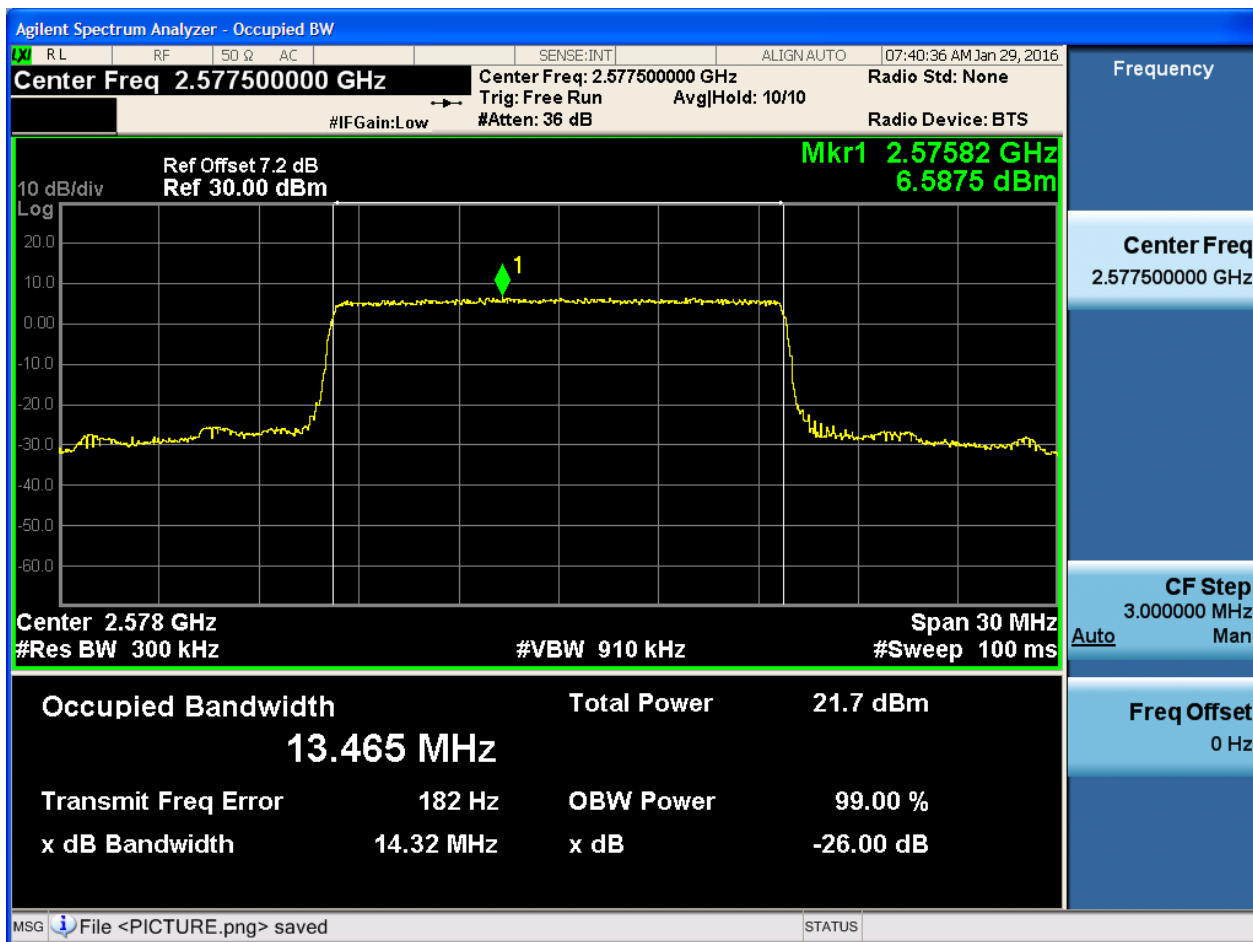




4.1.1.2.3 Test Bandwidth = 15

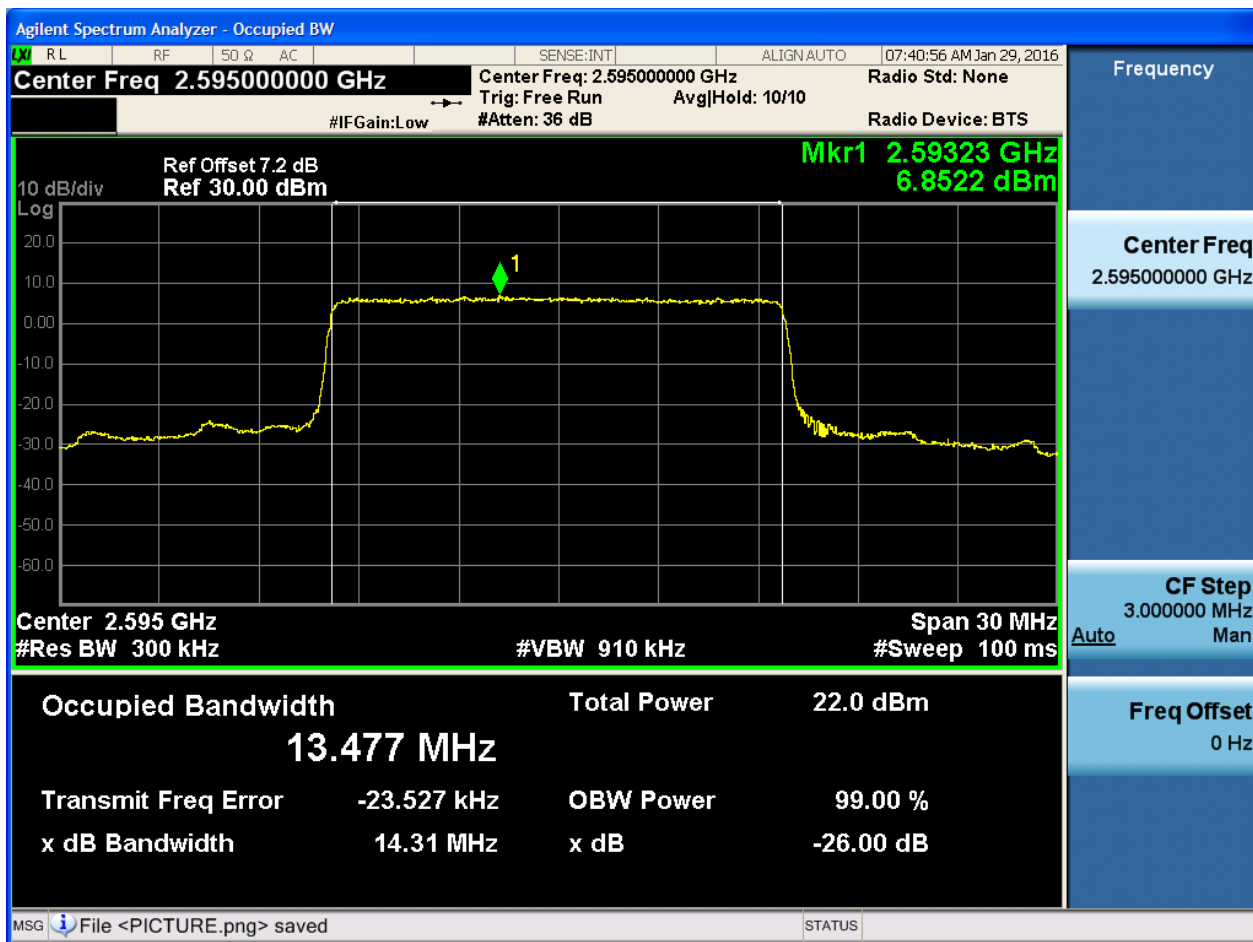
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



4.1.1.2.3.2 Test Channel = MCH

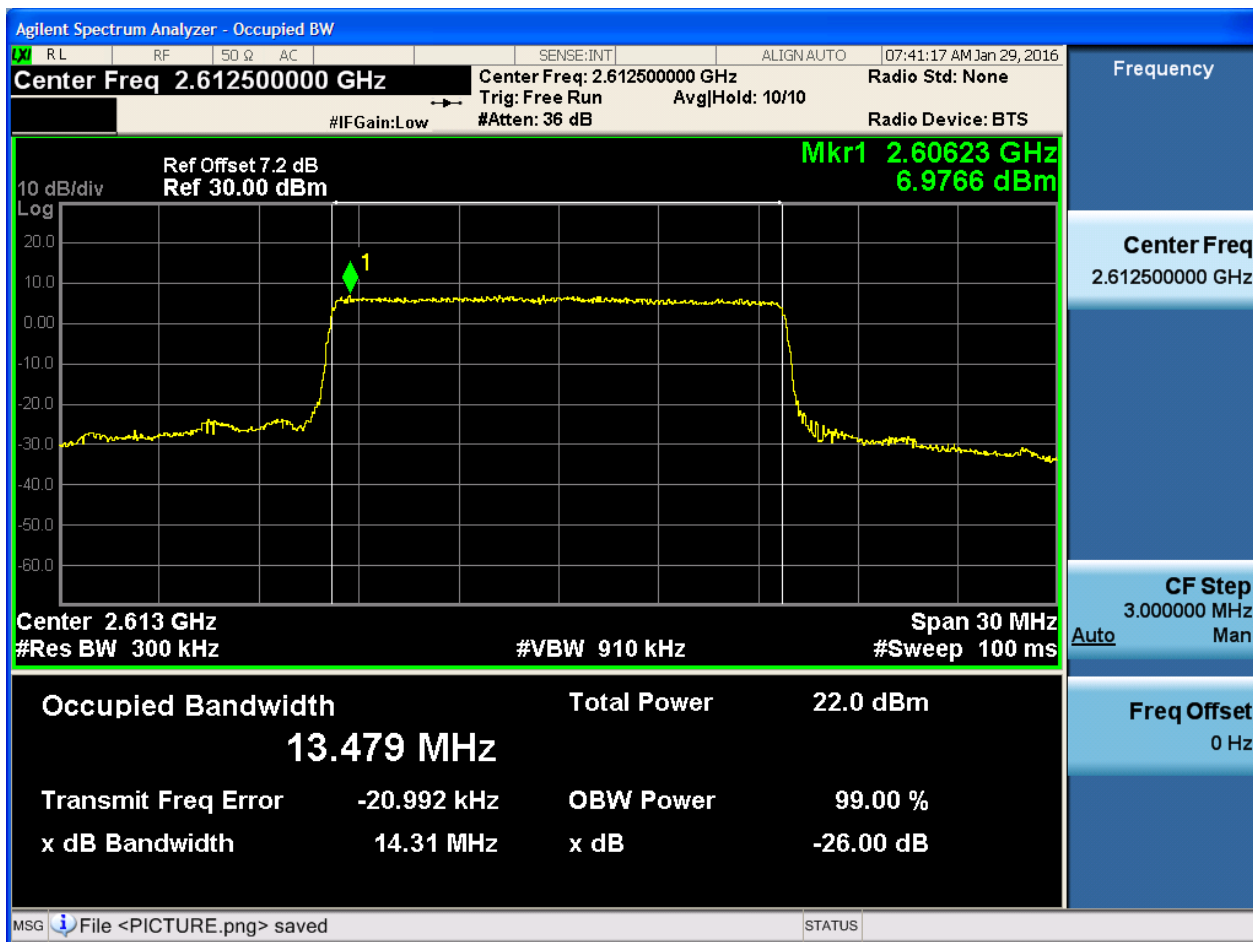
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

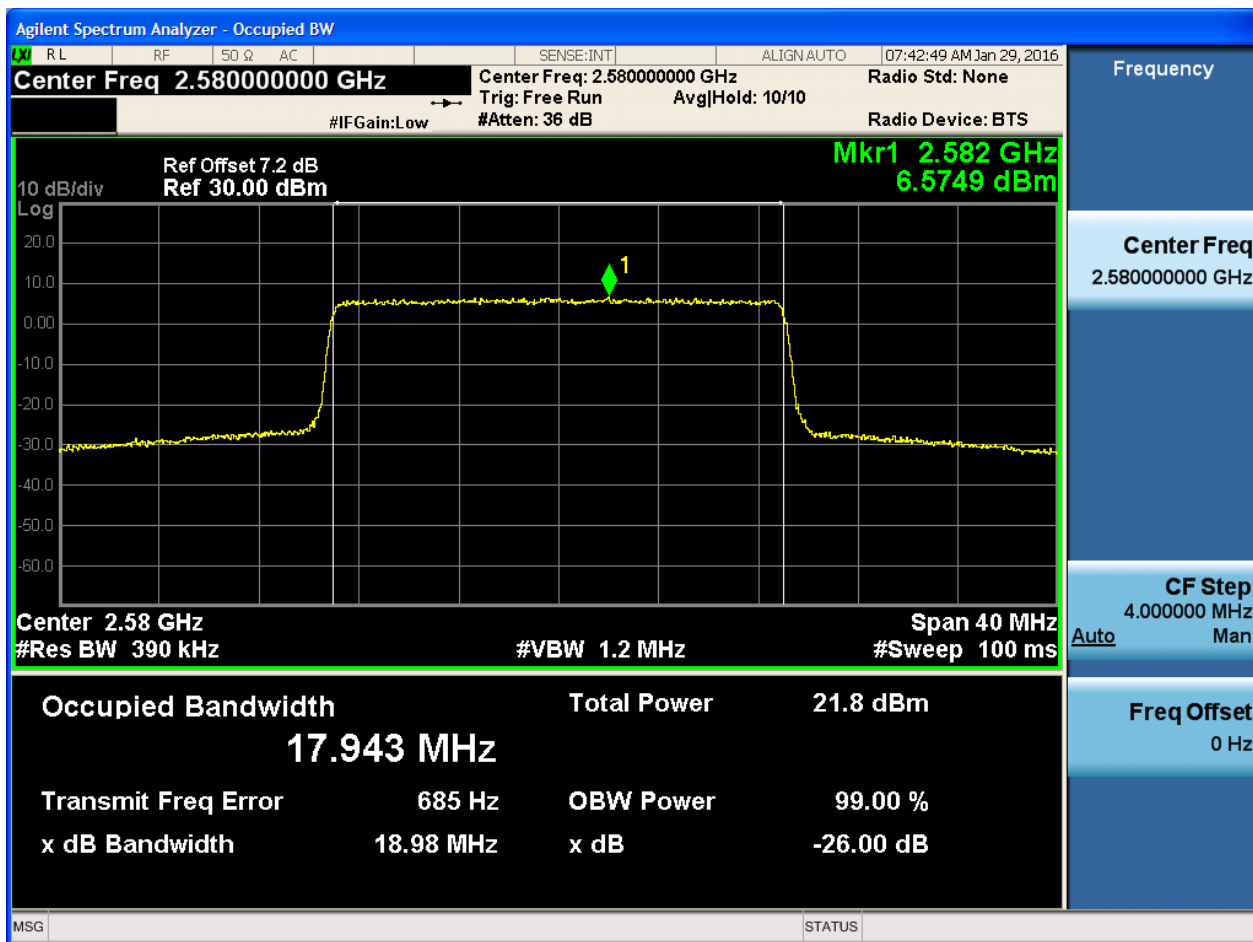




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

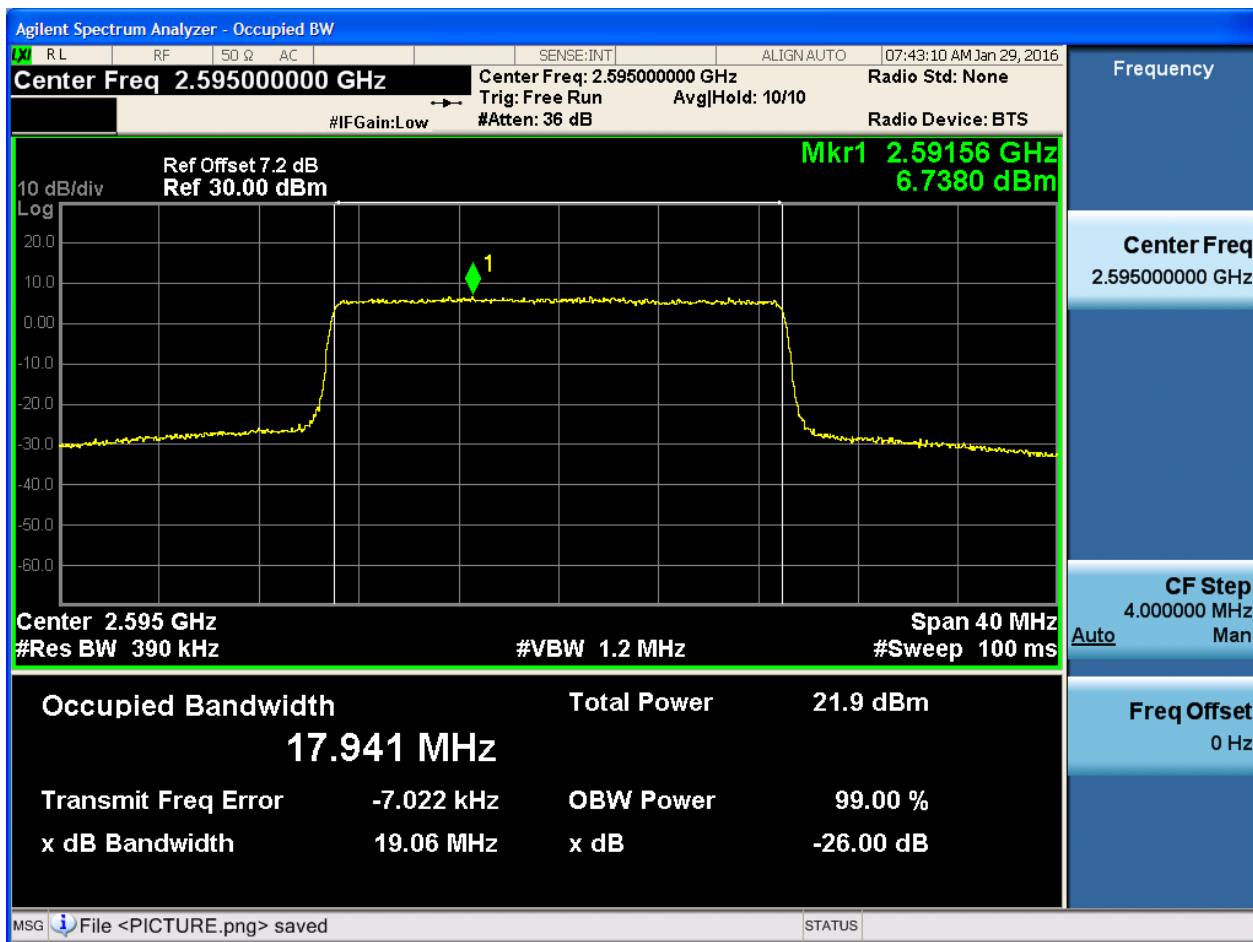
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

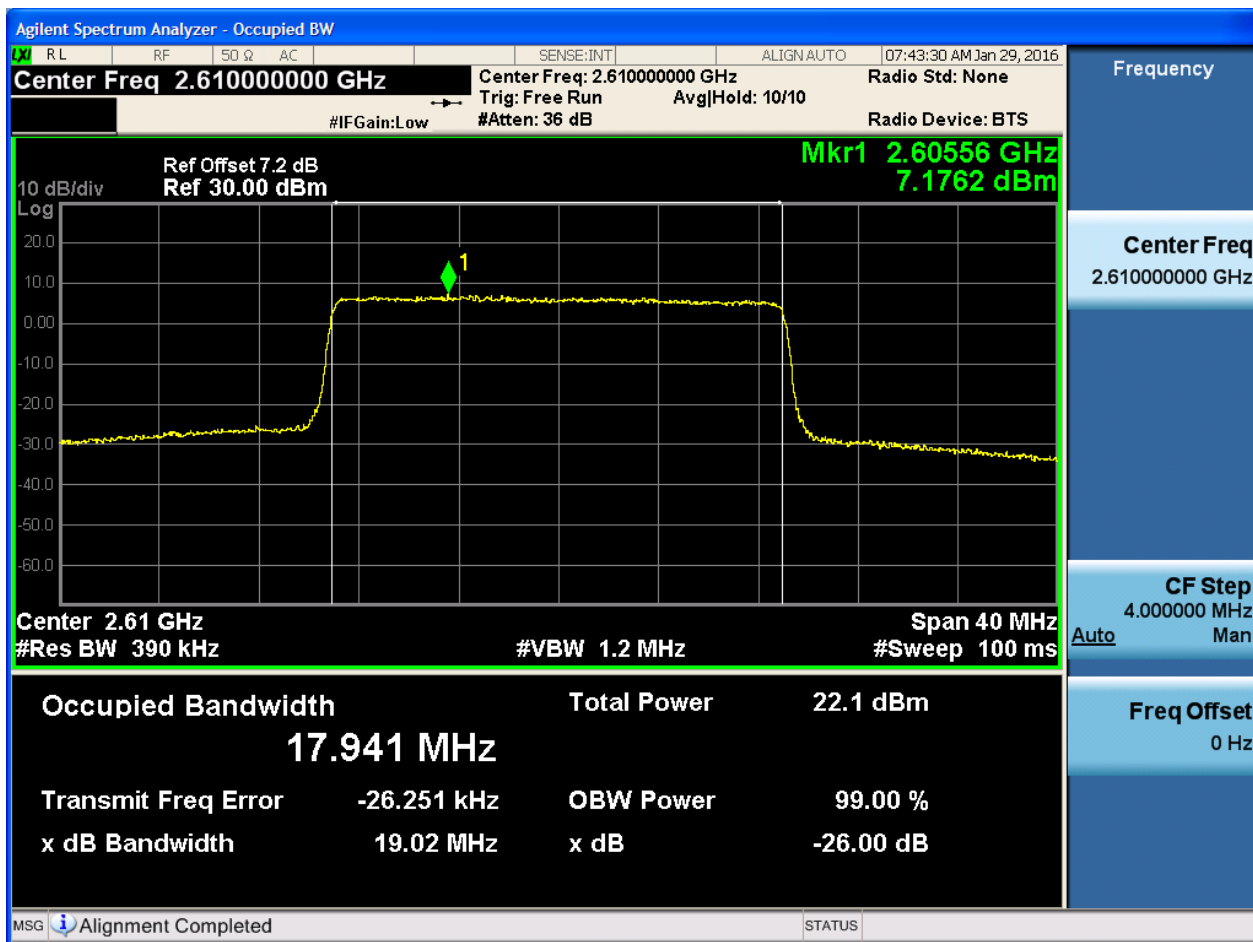
4.1.1.2.4.2.1 Test RB = RB100#0





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

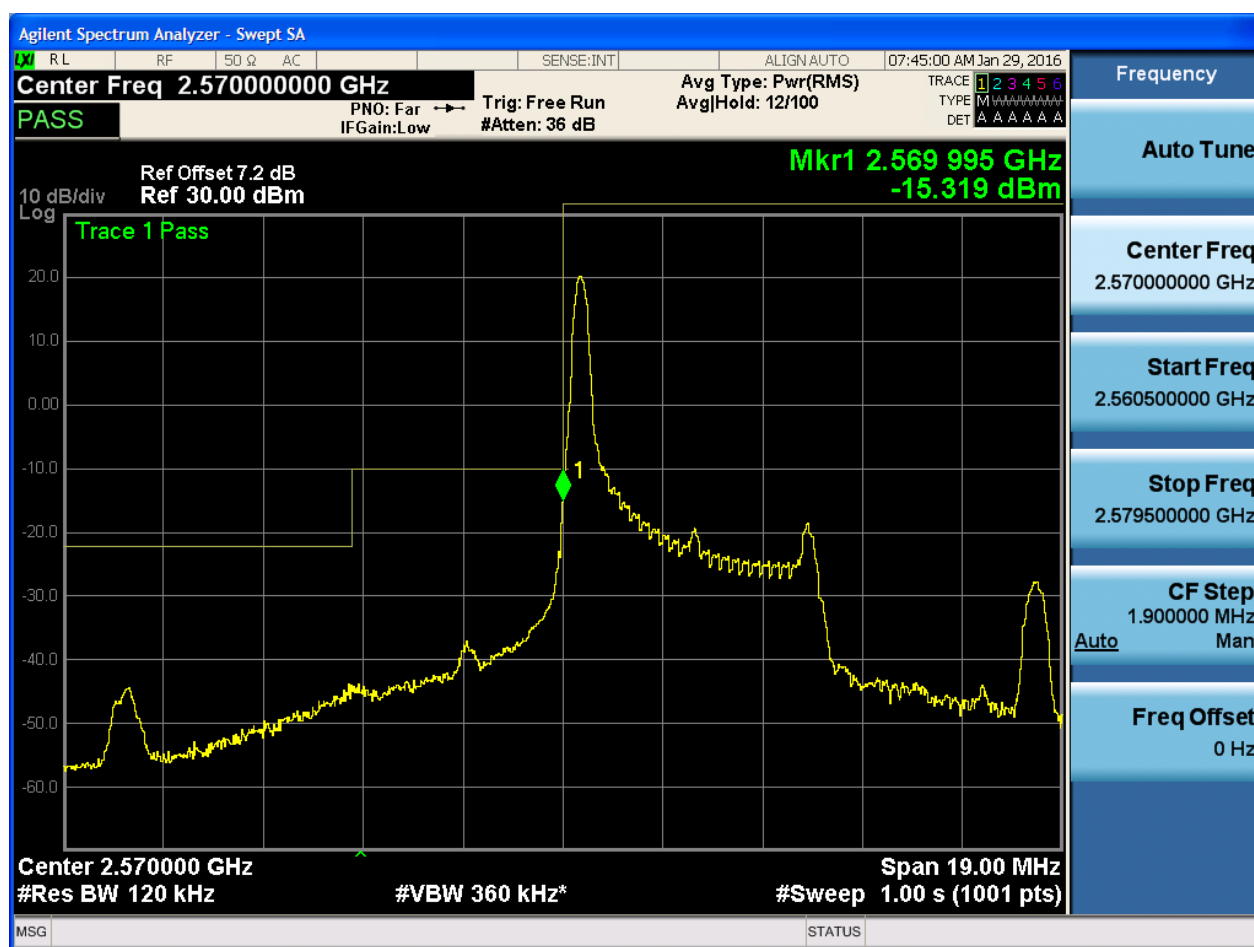
5.1.1 Test Band = BAND38

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





5.1.1.1.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.57000000 GHz
PASS

Avg Type: Pwr(RMS)
Avg|Hold: 12/100

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.569 995 GHz
-27.461 dBm

Trace 1 Pass

Center 2.570000 GHz
#Res BW 120 kHz
#VBW 360 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

MSG Alignment Completed

STATUS



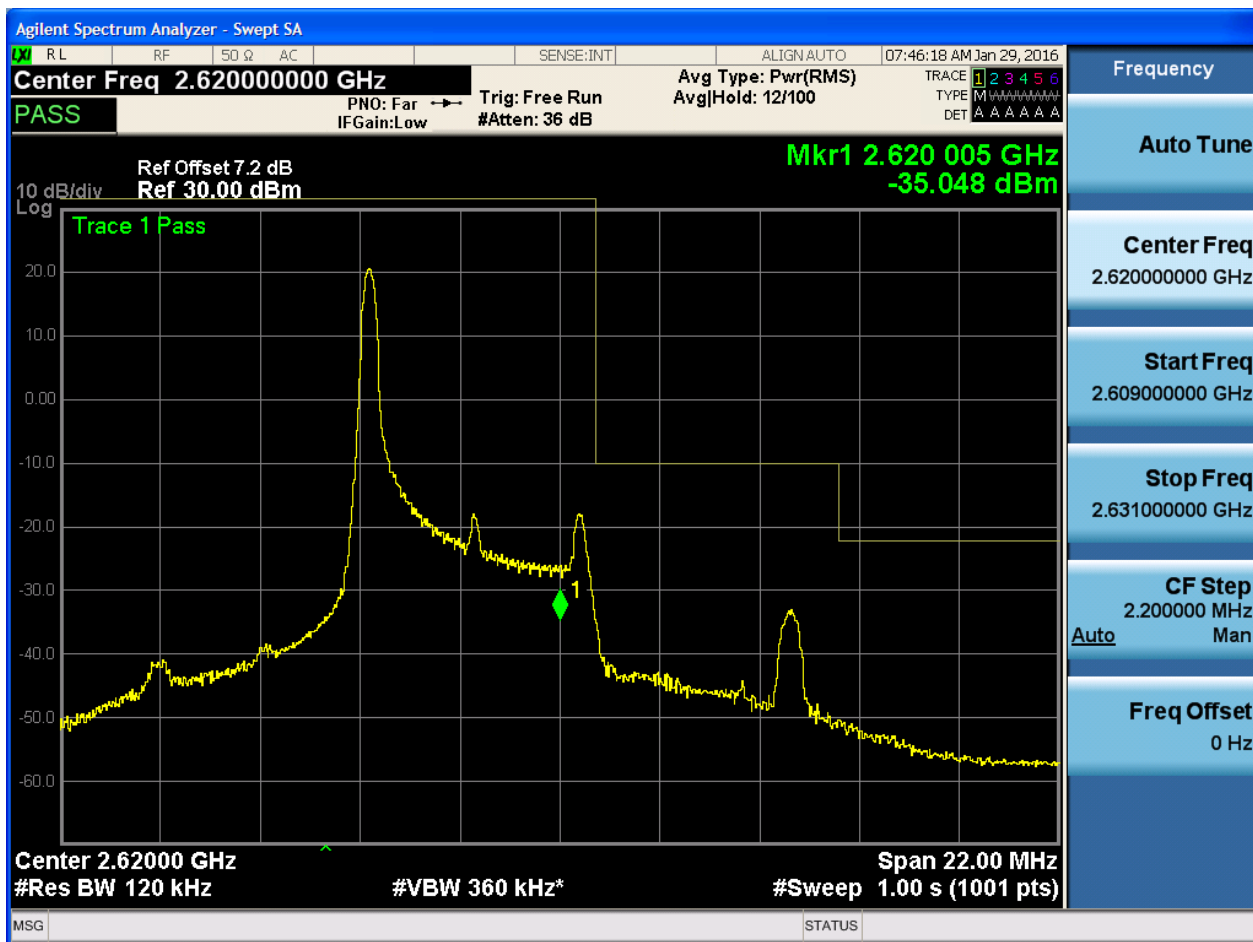
5.1.1.1.1.4 Test RB = RB25#0





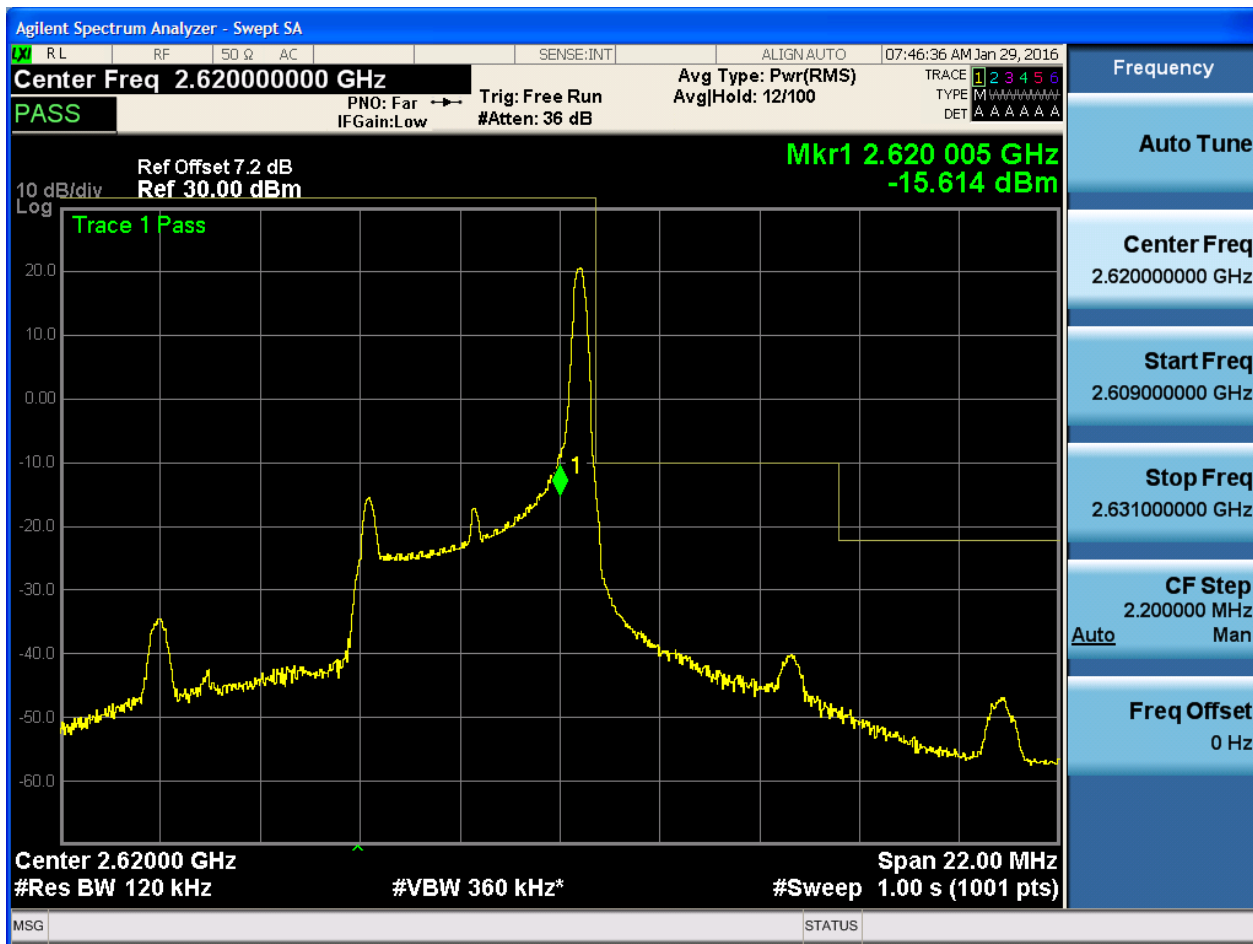
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



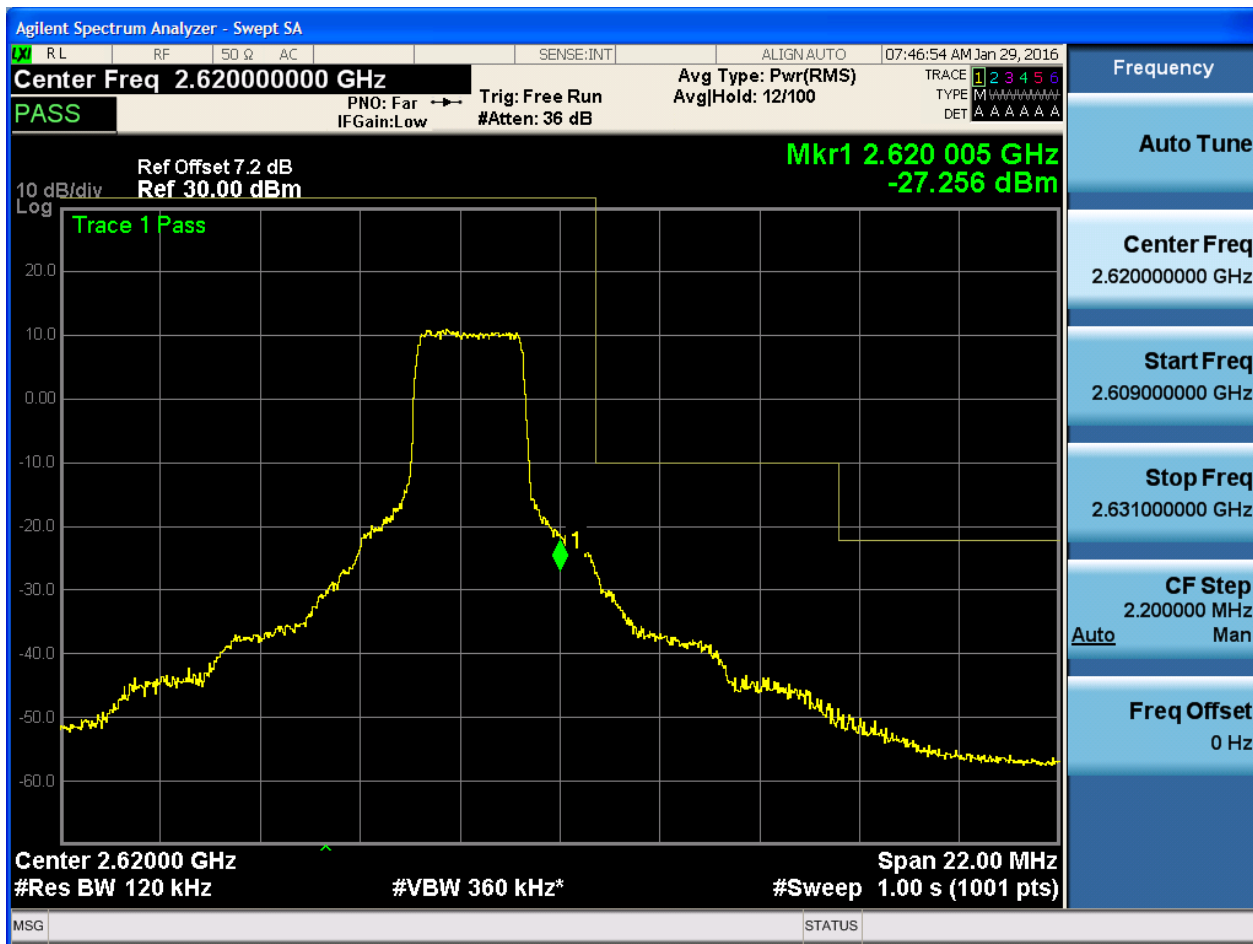


5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6



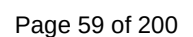


5.1.1.1.2.4 Test RB = RB25#0



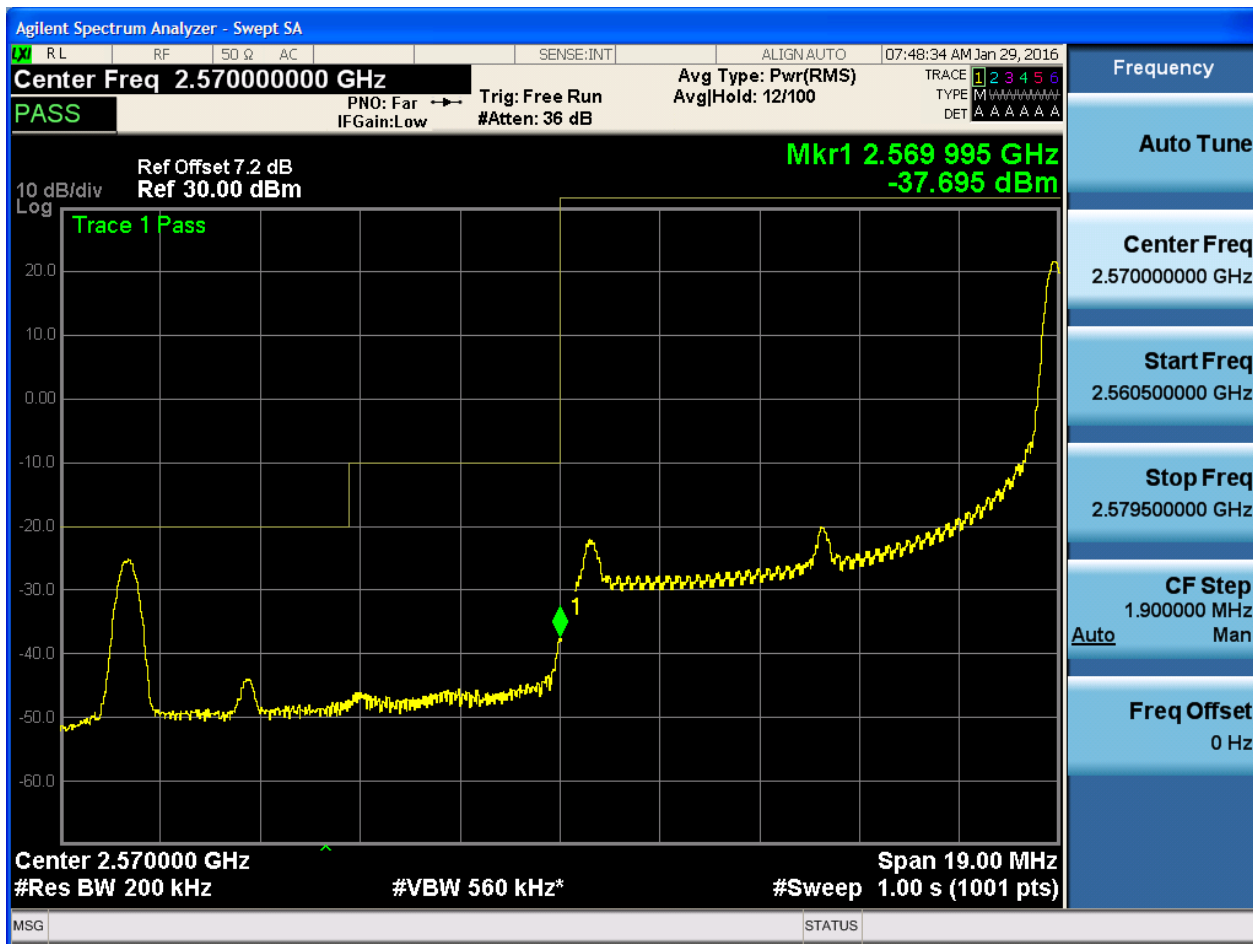


5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#49



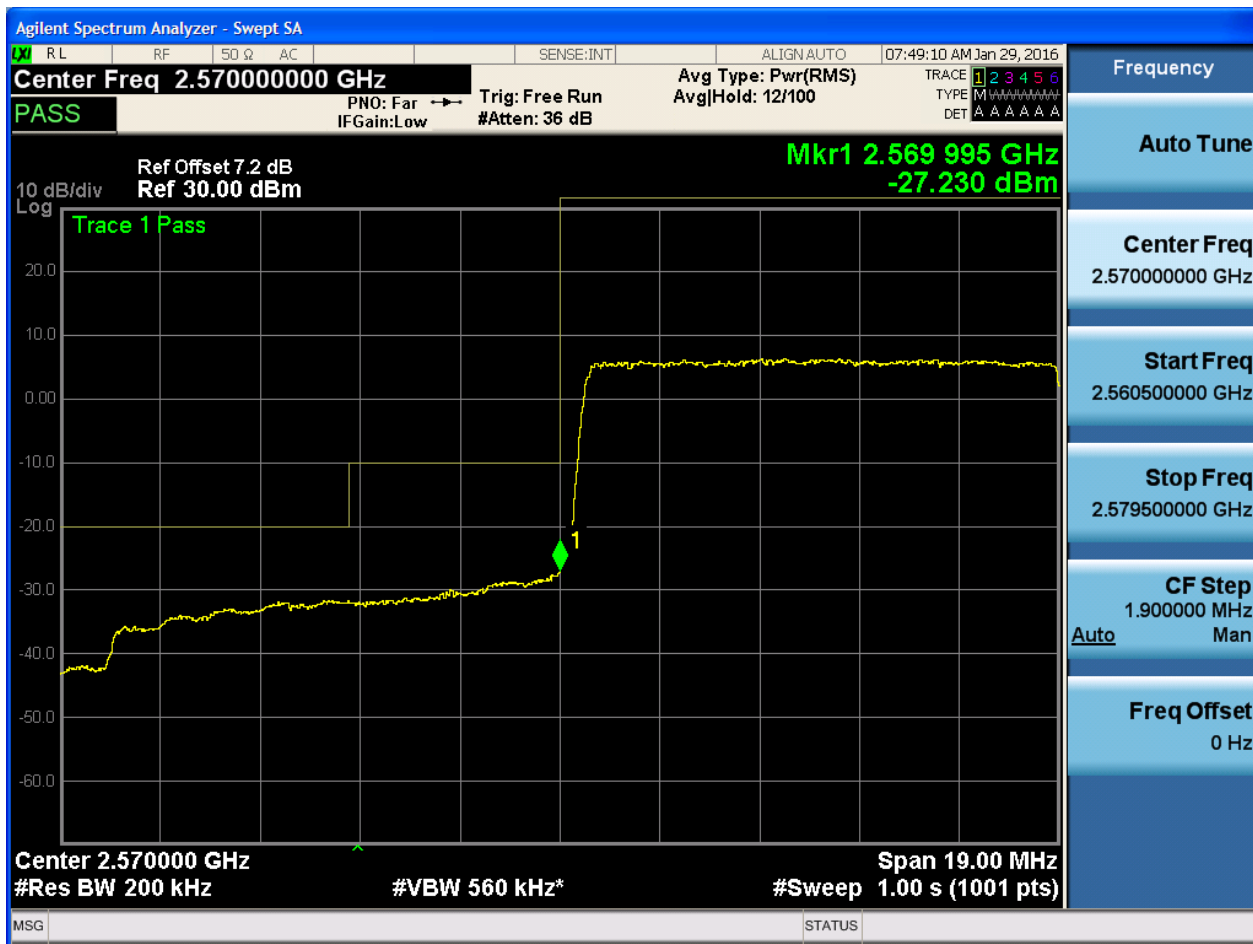


5.1.1.1.2.1.3 Test RB = RB25#13





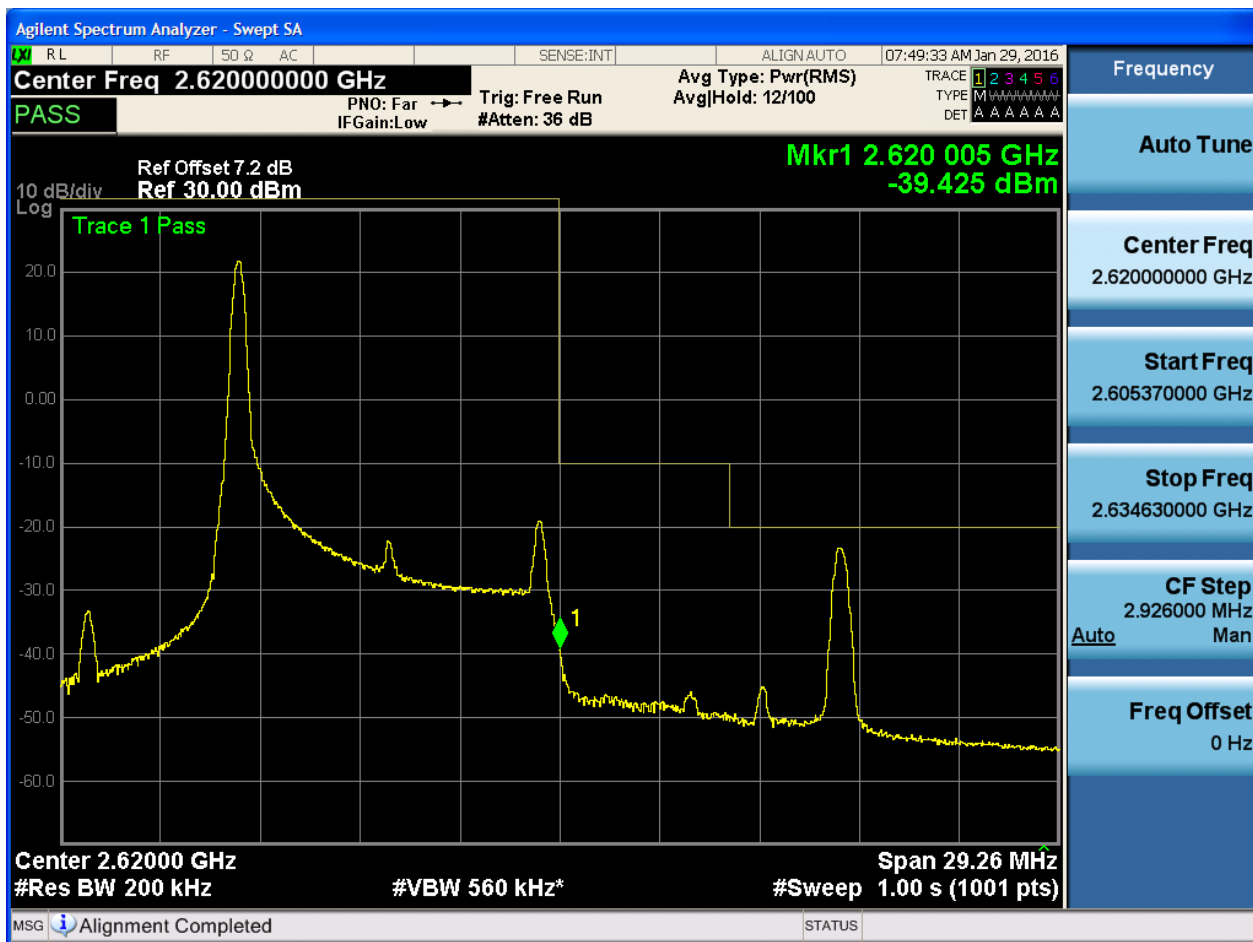
5.1.1.1.2.1.4 Test RB = RB50#0





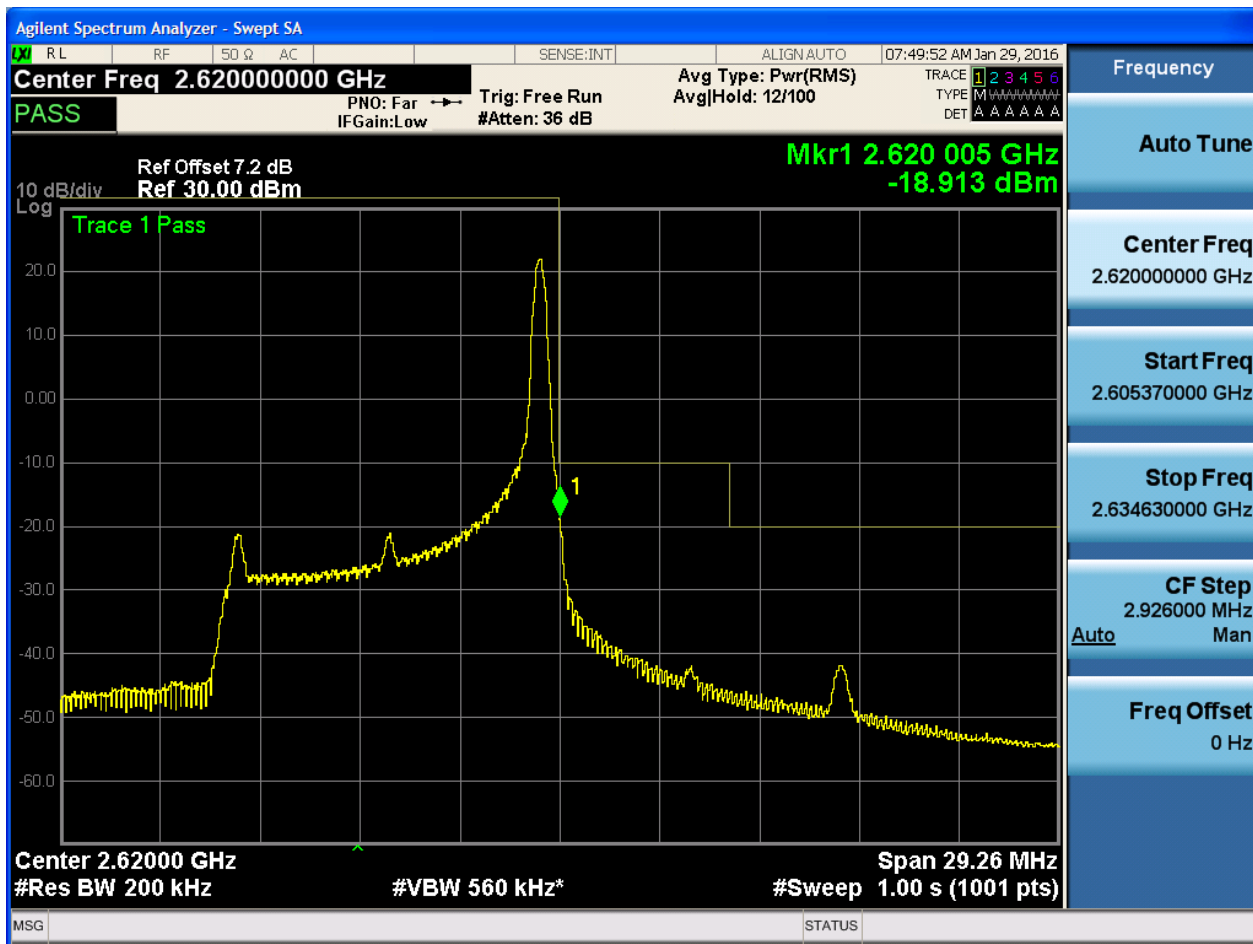
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0

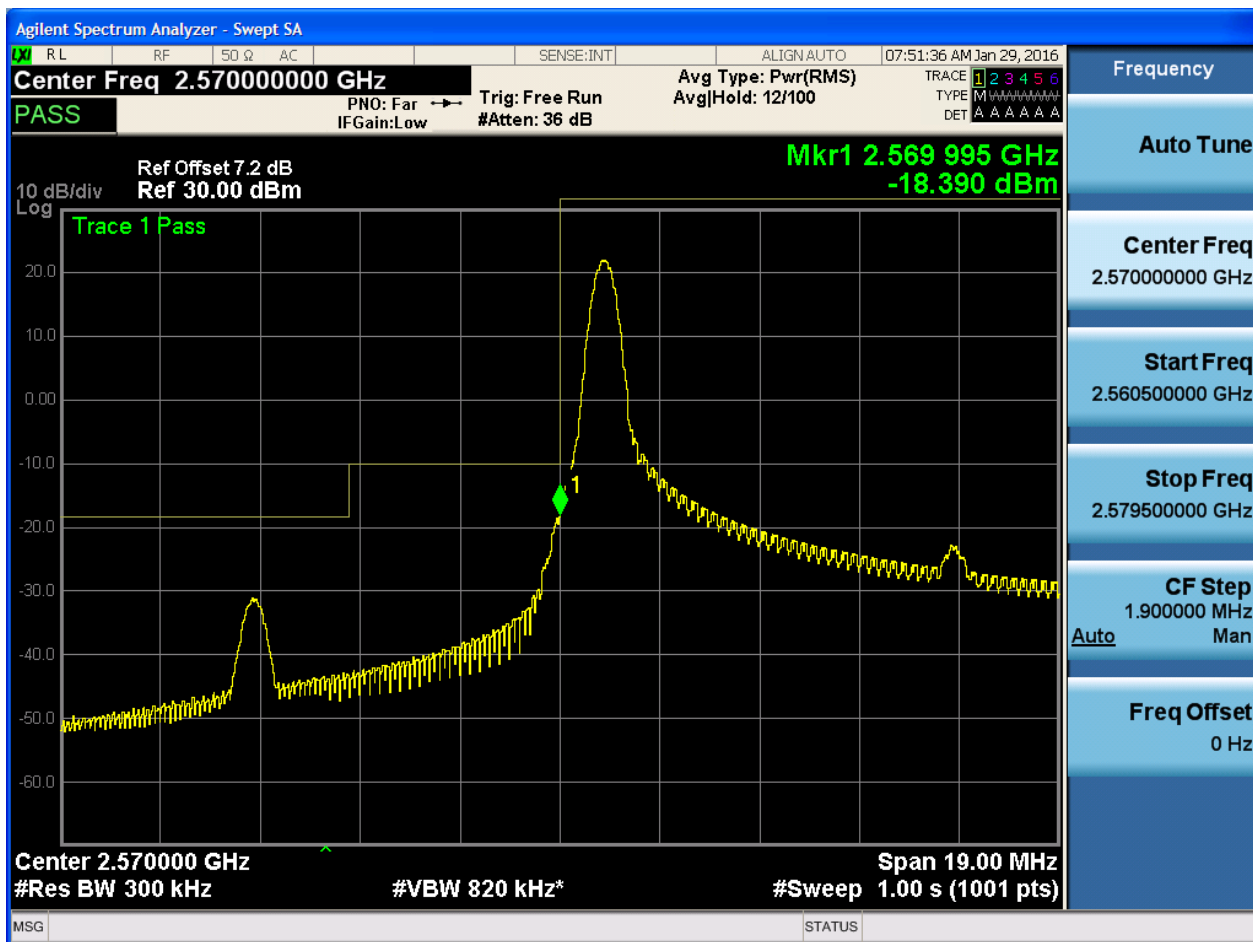




5.1.1.1.3 Test Bandwidth = 15

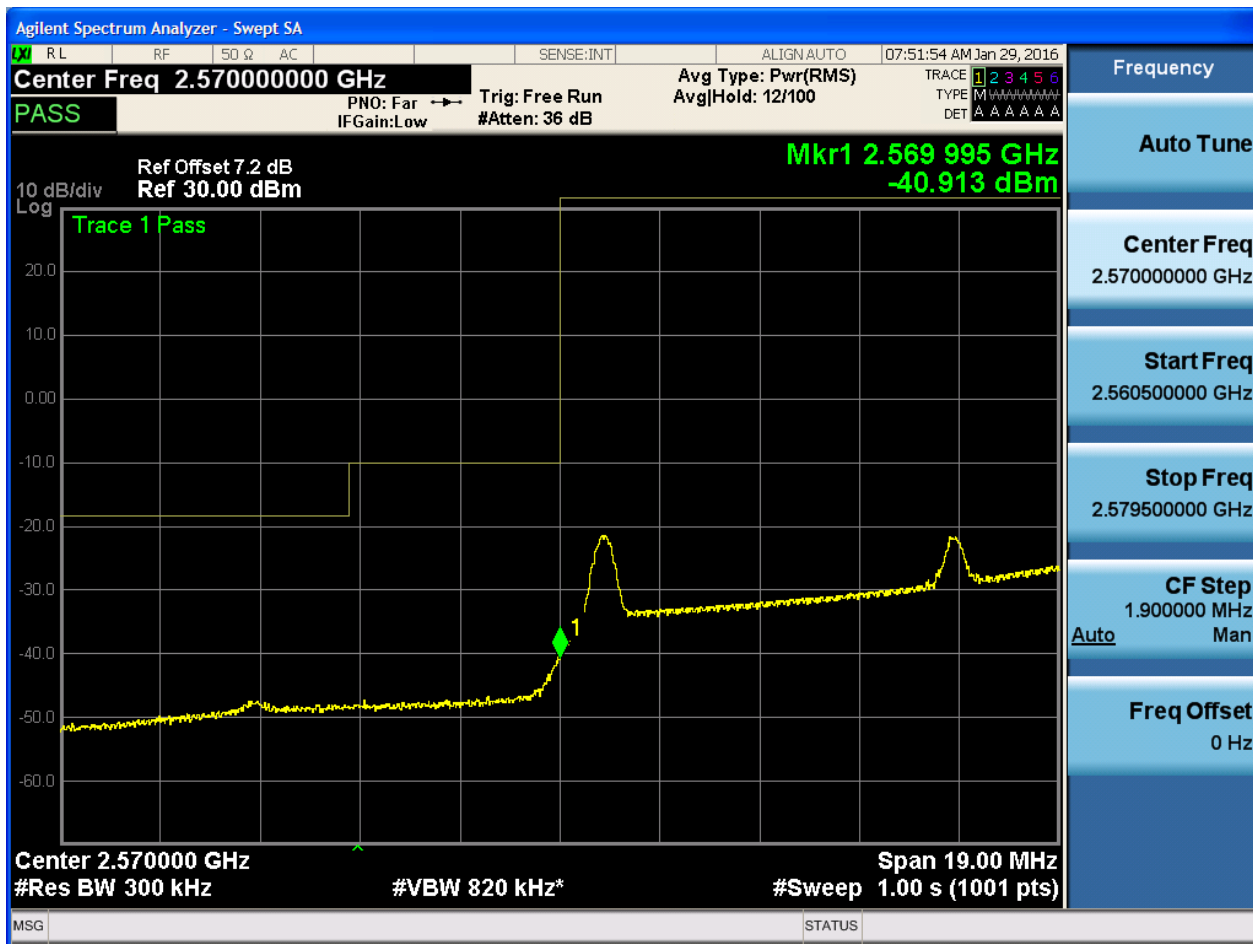
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



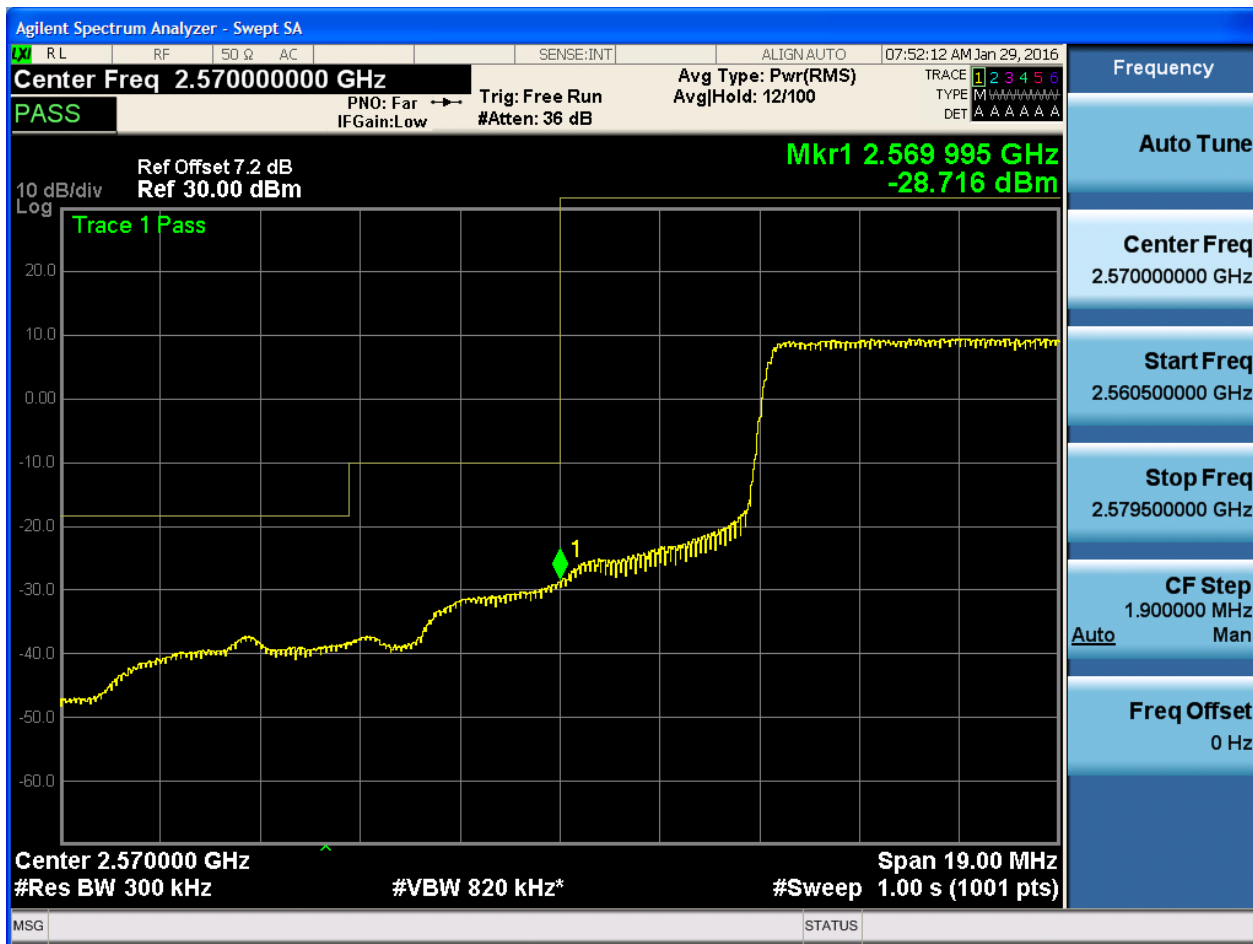


5.1.1.1.3.1.2 Test RB = RB1#74



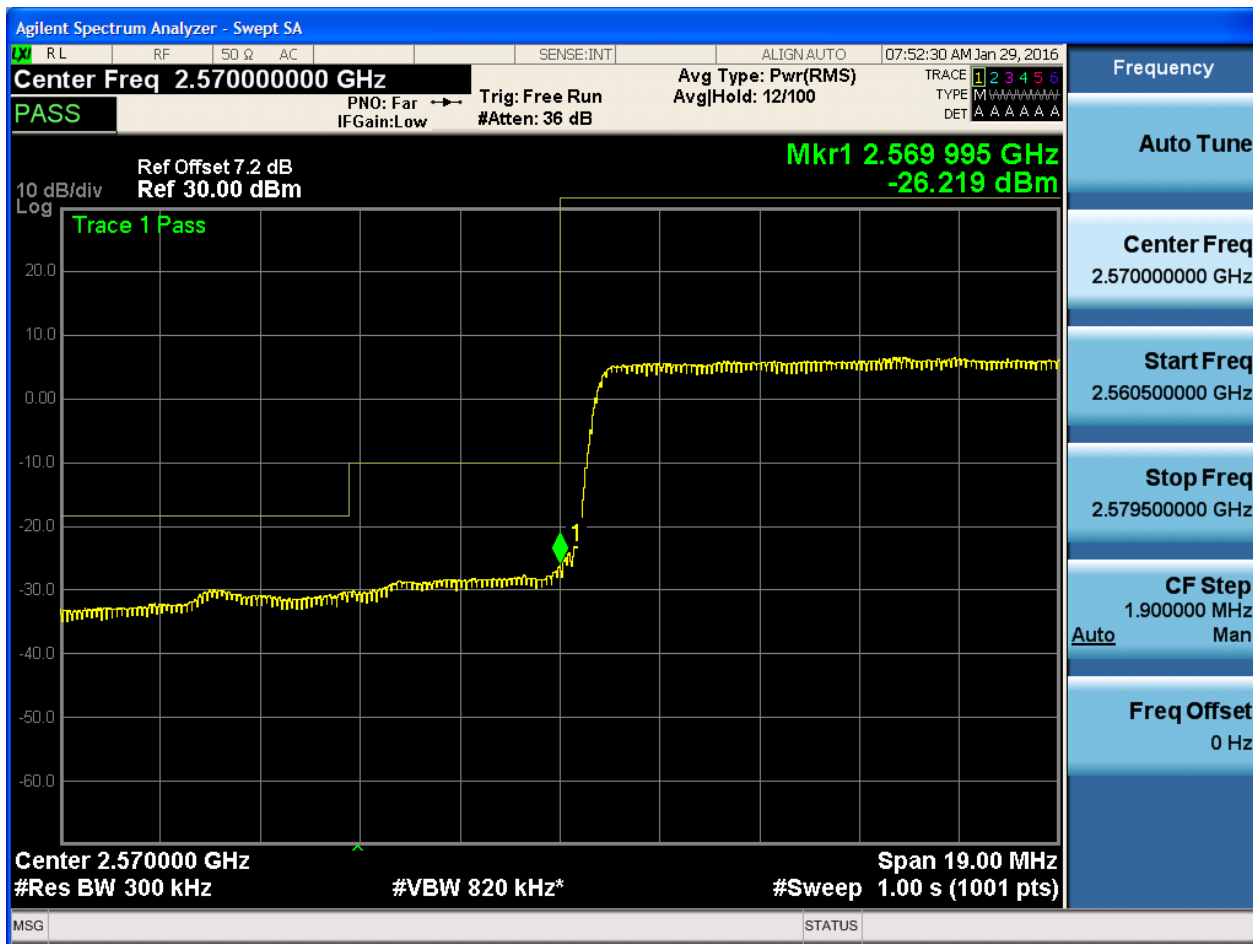


5.1.1.1.3.1.3 Test RB = RB36#18





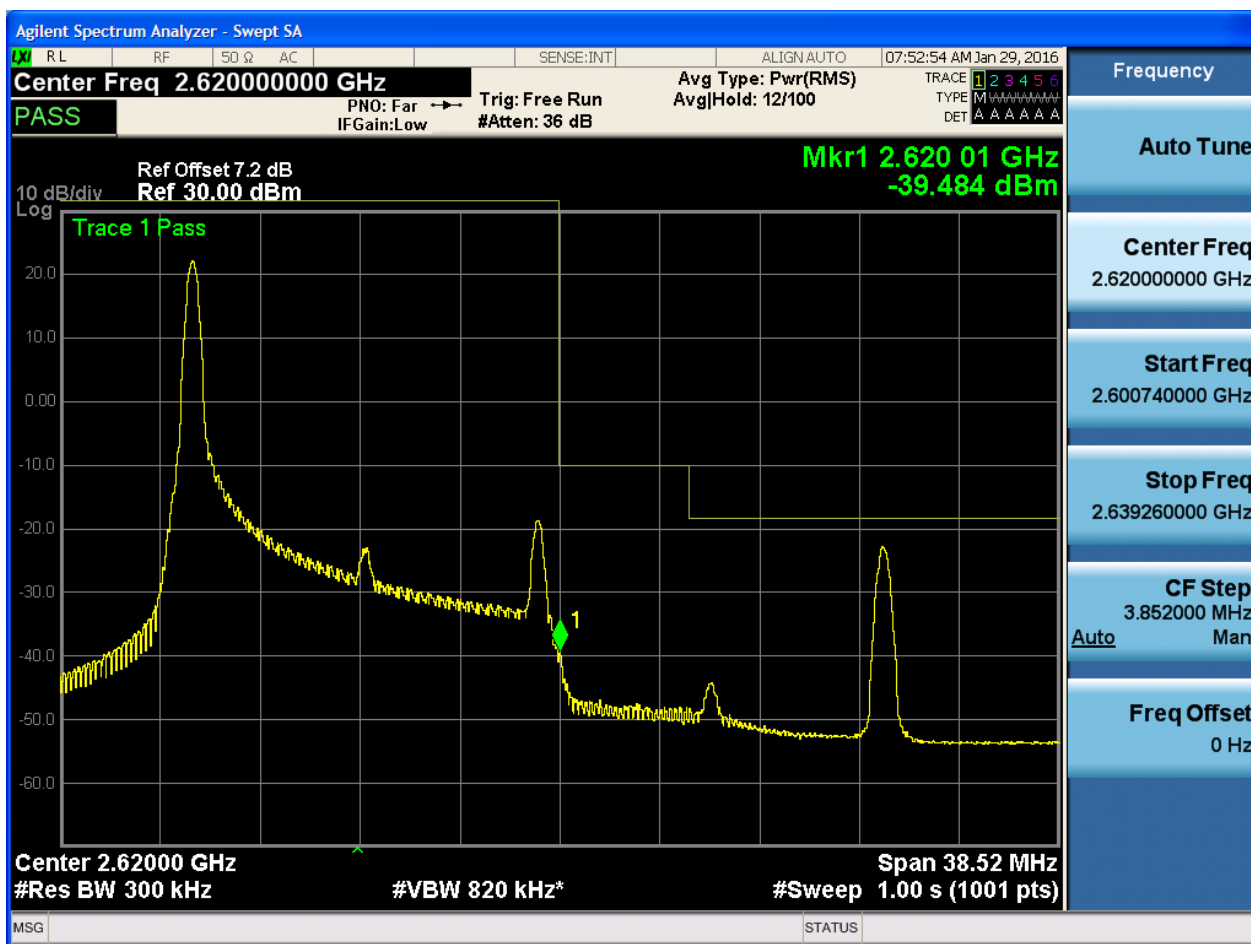
5.1.1.1.3.1.4 Test RB = RB75#0





5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.62000000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.620 01 GHz
-18.845 dBm

Trace 1 Pass

Center 2.62000 GHz
#Res BW 300 kHz
#VBW 820 kHz*
Span 38.52 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.62000000 GHz

Start Freq
2.600740000 GHz

Stop Freq
2.639260000 GHz

CF Step
3.852000 MHz
Man

Freq Offset
0 Hz

The image shows a screenshot of an Agilent Spectrum Analyzer. The main display is a graph of power spectral density (PSD) in dBm/Hz versus frequency. The x-axis represents frequency, with a center frequency of 2.62000 GHz and a span of 38.52 MHz. The y-axis represents power, with a reference level of 30.00 dBm and a resolution bandwidth (RBW) of 300 kHz. A prominent peak is visible at 2.62001 GHz, marked with a green diamond and labeled 'Mkr1 2.620 01 GHz -18.845 dBm'. The peak power is approximately -18.8 dBm. The background noise floor is around -50 dBm. The graph is labeled 'Trace 1 Pass'. The top of the screen displays various settings: 'Center Freq 2.62000000 GHz', 'Ref Offset 7.2 dB', 'Ref 30.00 dBm', 'Mkr1 2.620 01 GHz -18.845 dBm', 'Trace 1 Pass', 'Center 2.62000 GHz', '#Res BW 300 kHz', '#VBW 820 kHz*', 'Span 38.52 MHz', and '#Sweep 1.00 s (1001 pts)'. The right side of the screen shows a vertical menu with options: 'Frequency', 'Auto Tune', 'Center Freq 2.62000000 GHz', 'Start Freq 2.600740000 GHz', 'Stop Freq 2.639260000 GHz', 'CF Step 3.852000 MHz Man', and 'Freq Offset 0 Hz'. The bottom of the screen shows 'MSG' and 'STATUS' indicators.



5.1.1.1.3.2.3 Test RB = RB36#18





5.1.1.1.3.2.4 Test RB = RB75#0

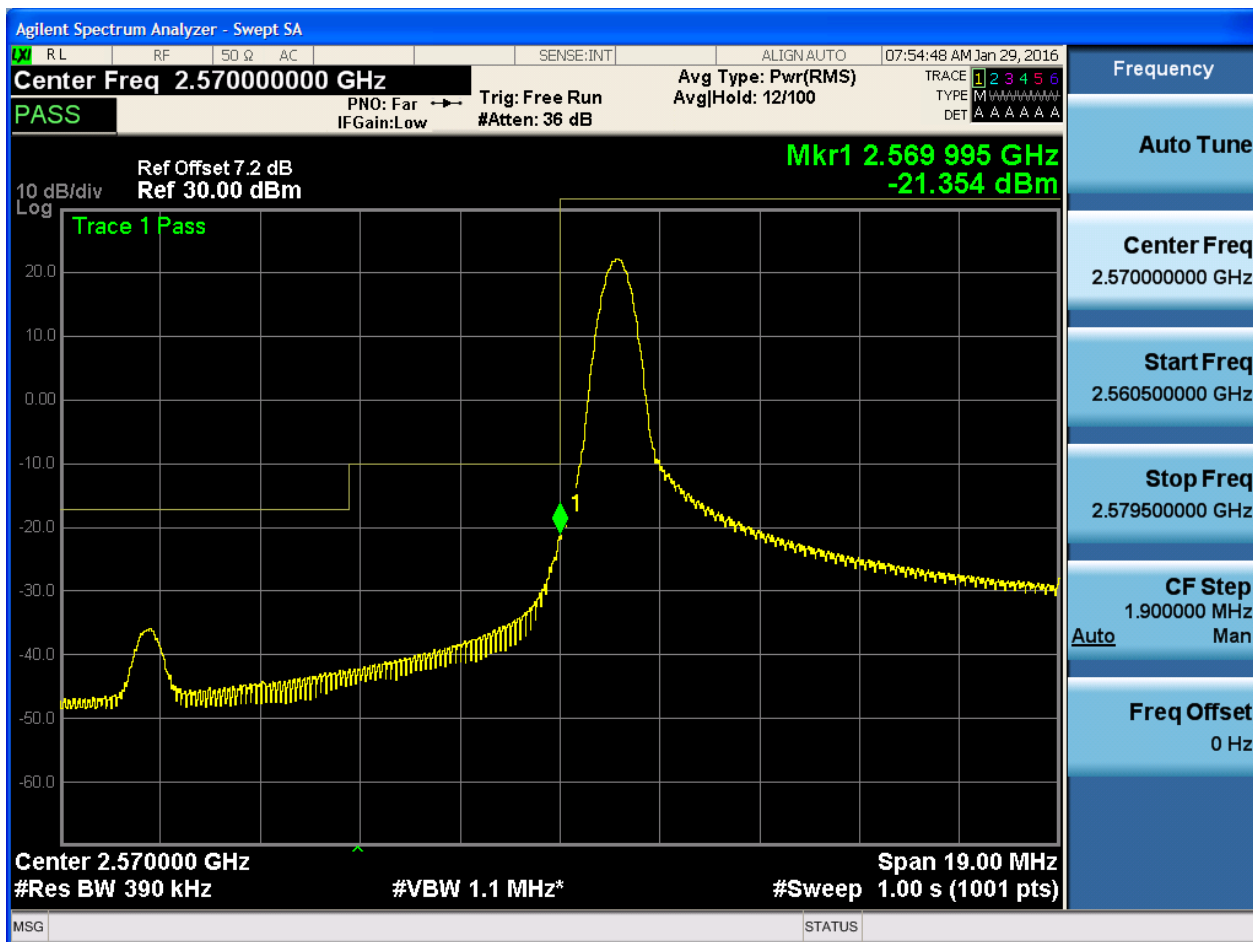




5.1.1.1.4 Test Bandwidth = 20

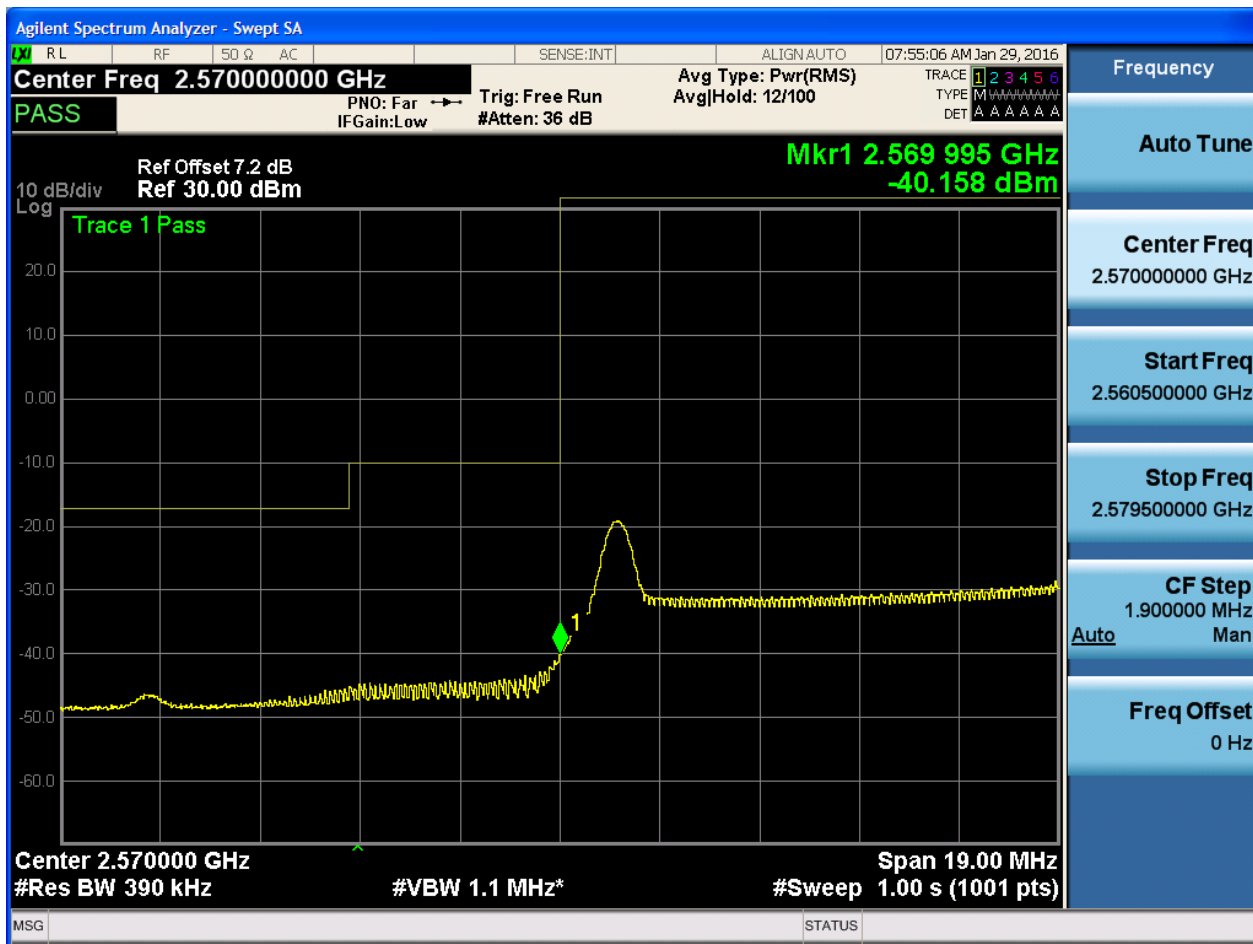
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



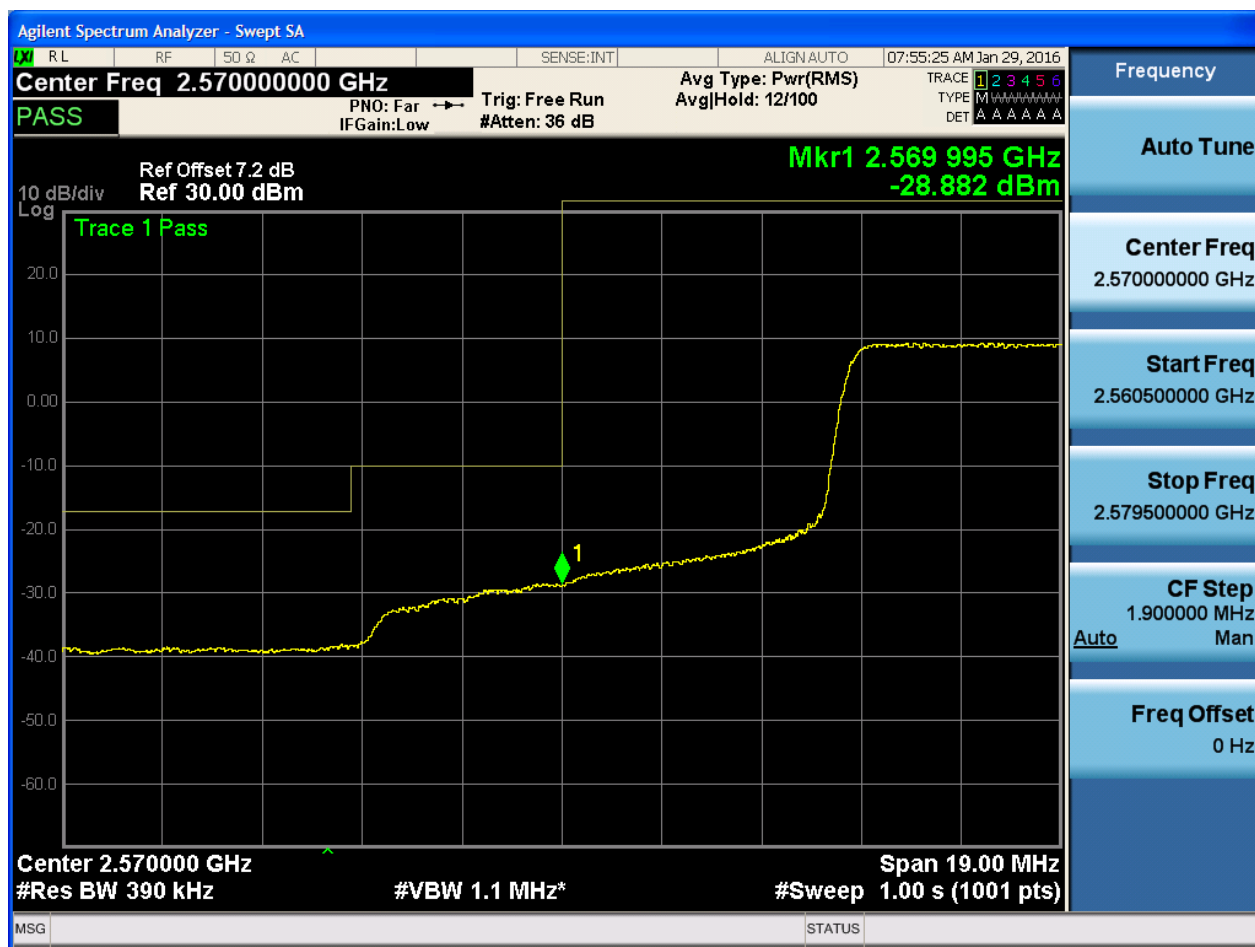


5.1.1.1.4.1.2 Test RB = RB1#99



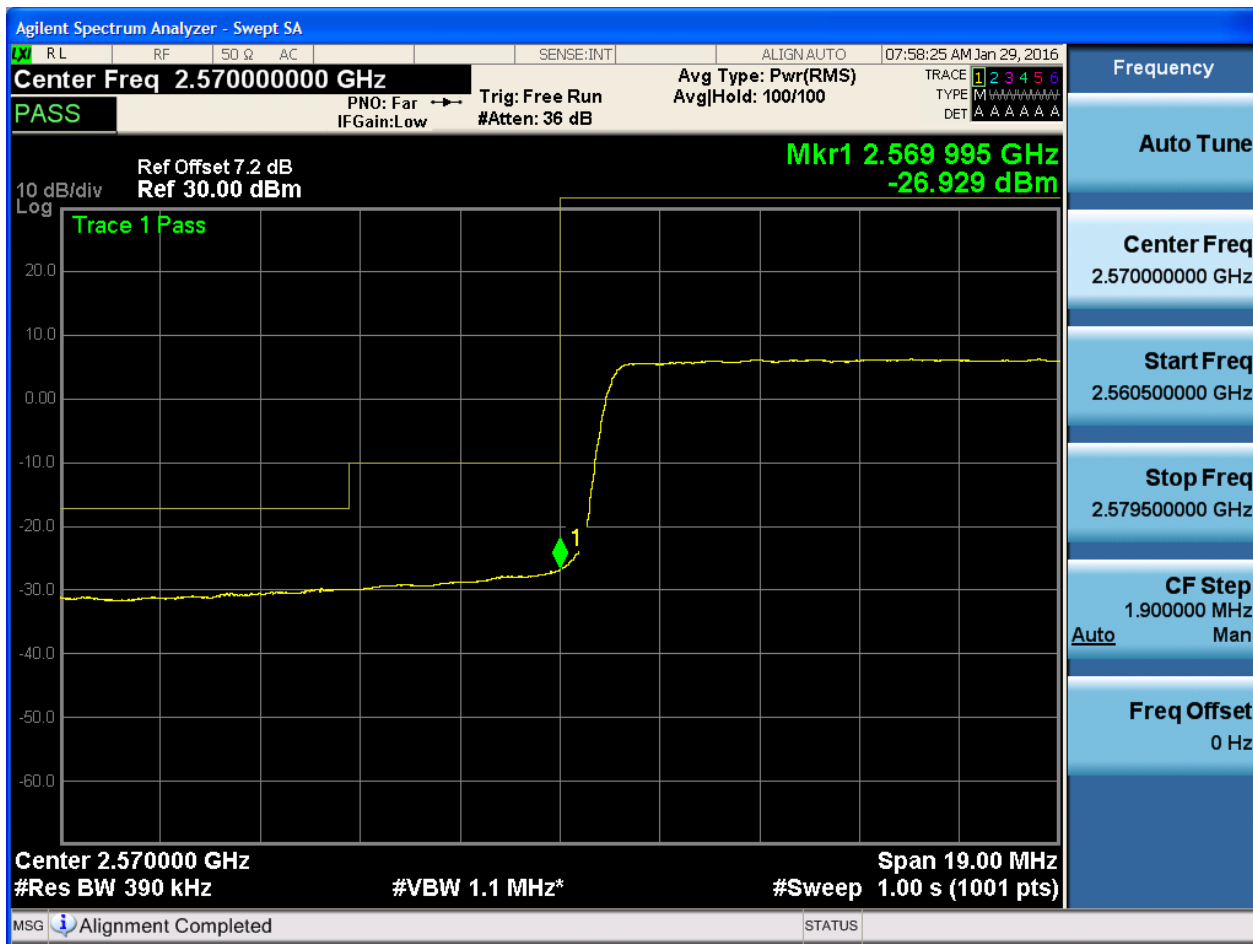


5.1.1.1.4.1.3 Test RB = RB50#25





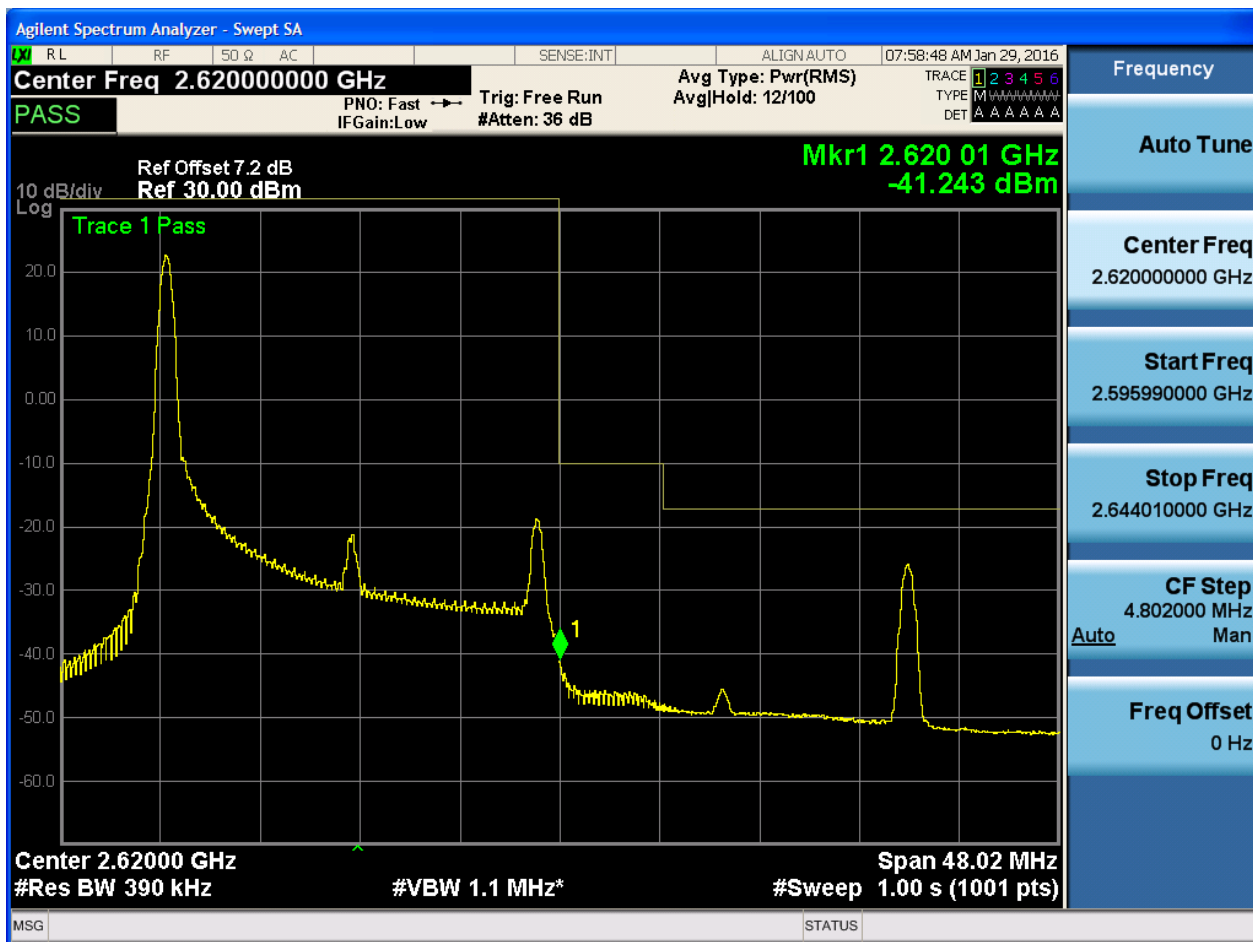
5.1.1.1.4.1.4 Test RB = RB100#0





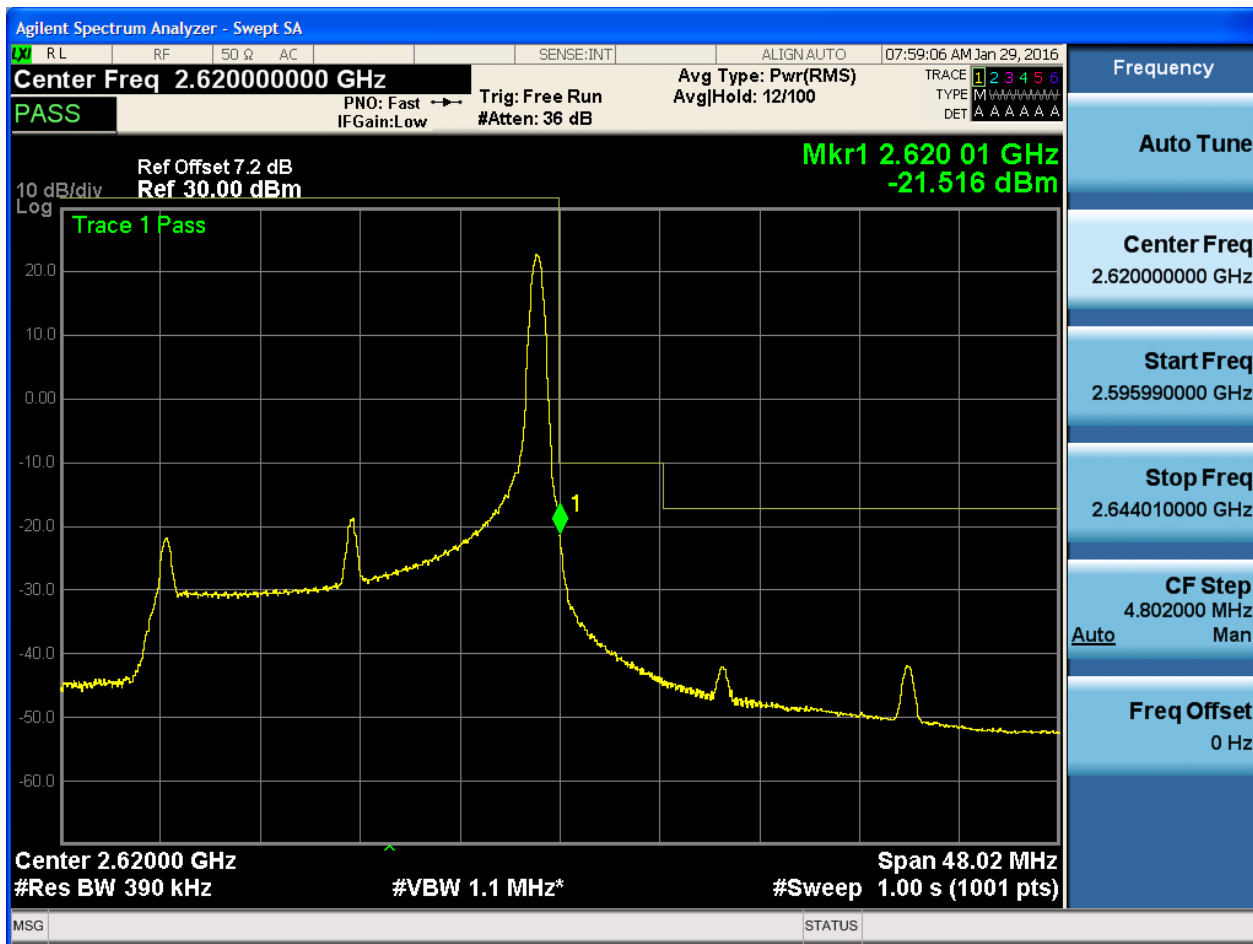
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



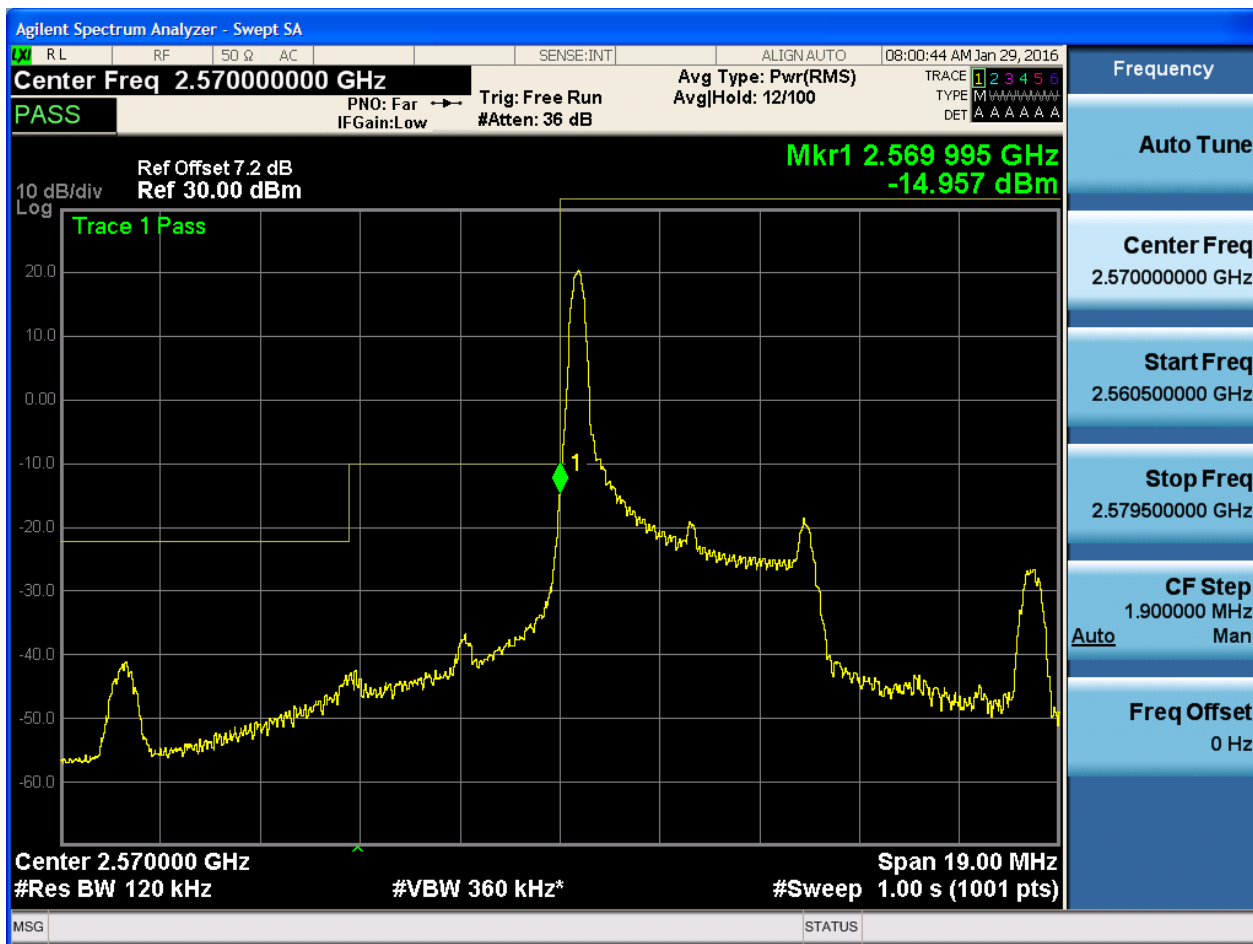


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

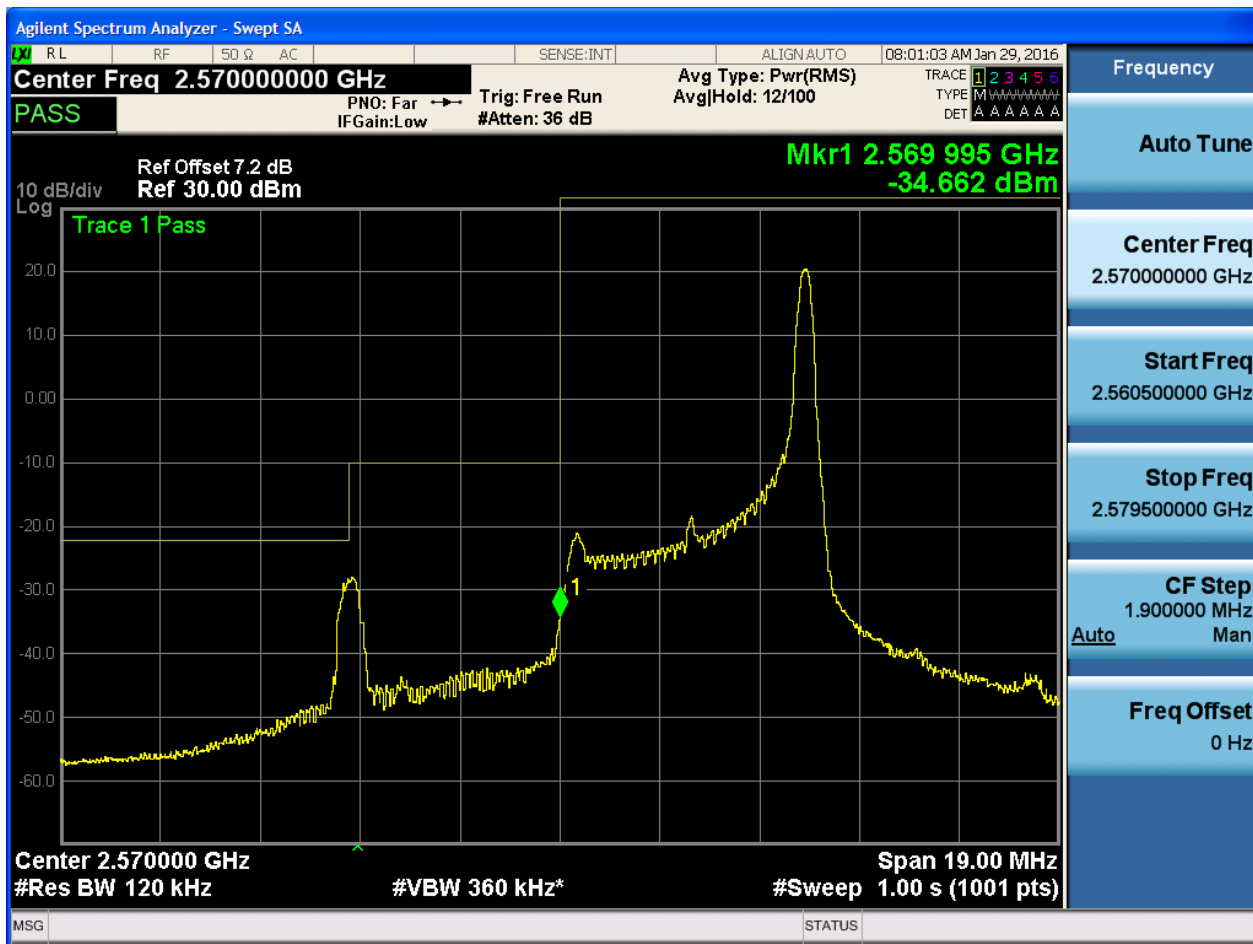
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.57000000 GHz

PASS

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.569 995 GHz
-26.806 dBm

Trace 1 Pass

Center 2.570000 GHz
#Res BW 120 kHz
#VBW 360 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.57000000 GHz

Start Freq
2.560500000 GHz

Stop Freq
2.579500000 GHz

CF Step
1.900000 MHz
Man

Freq Offset
0 Hz



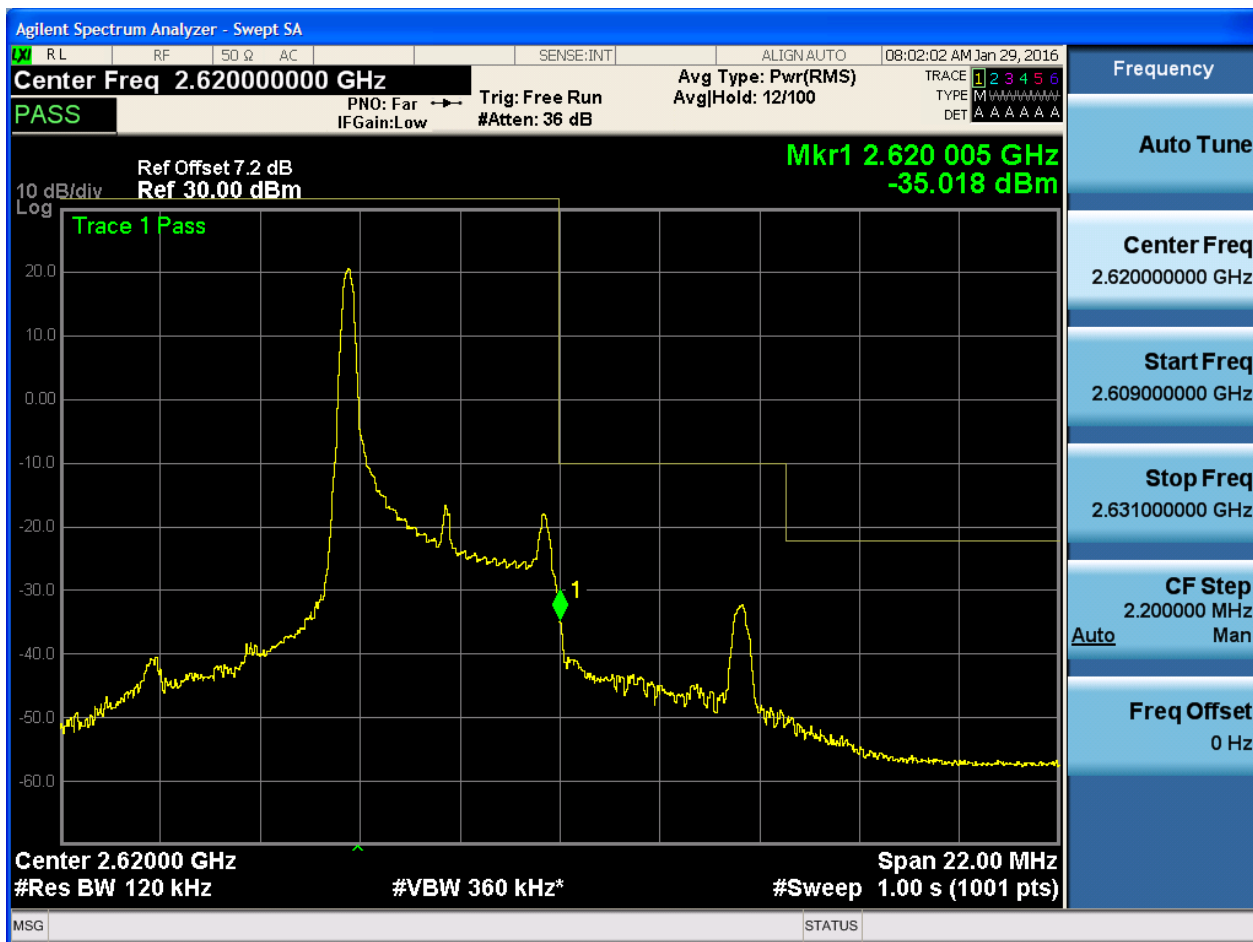
5.1.1.2.1.1.4 Test RB = RB25#0





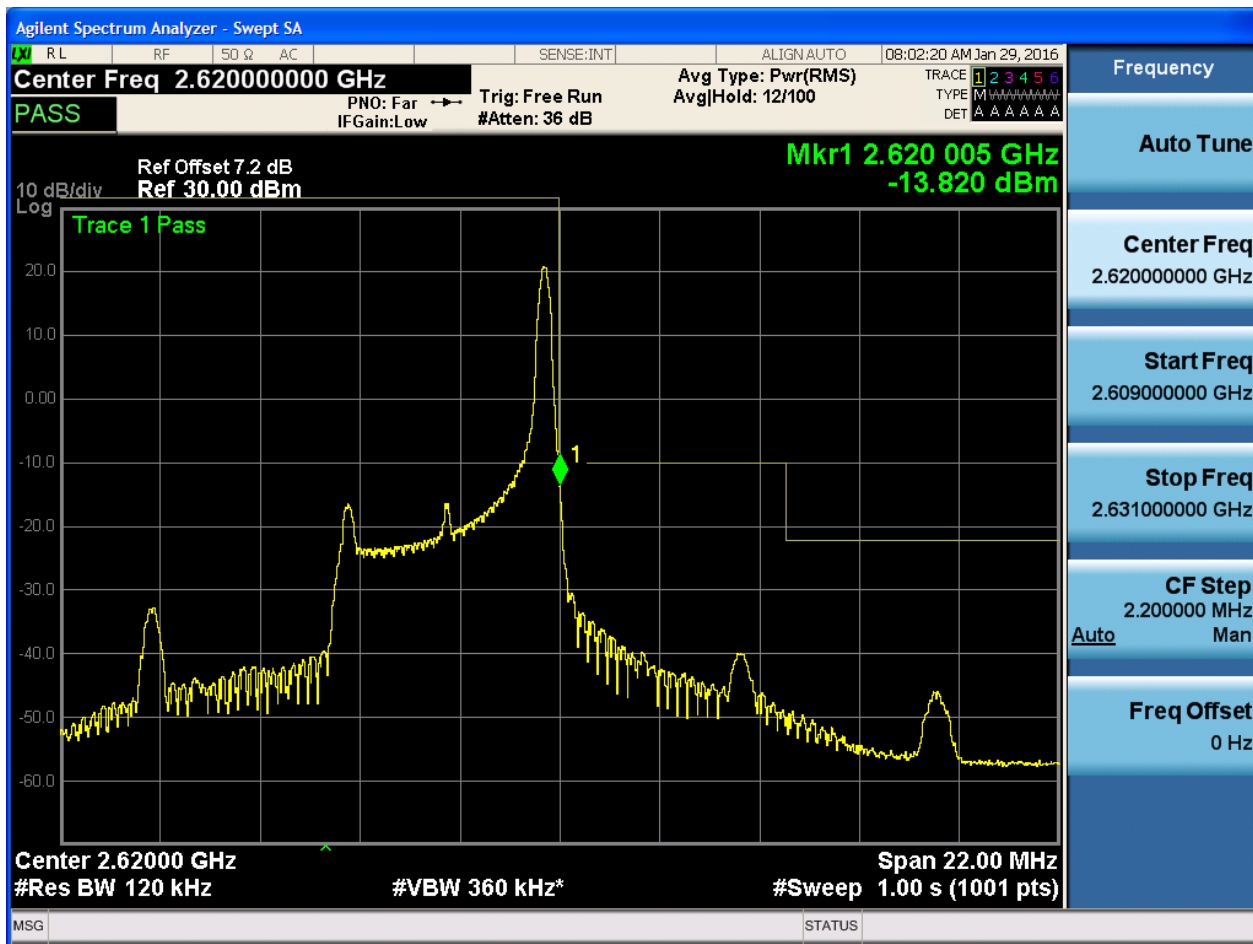
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



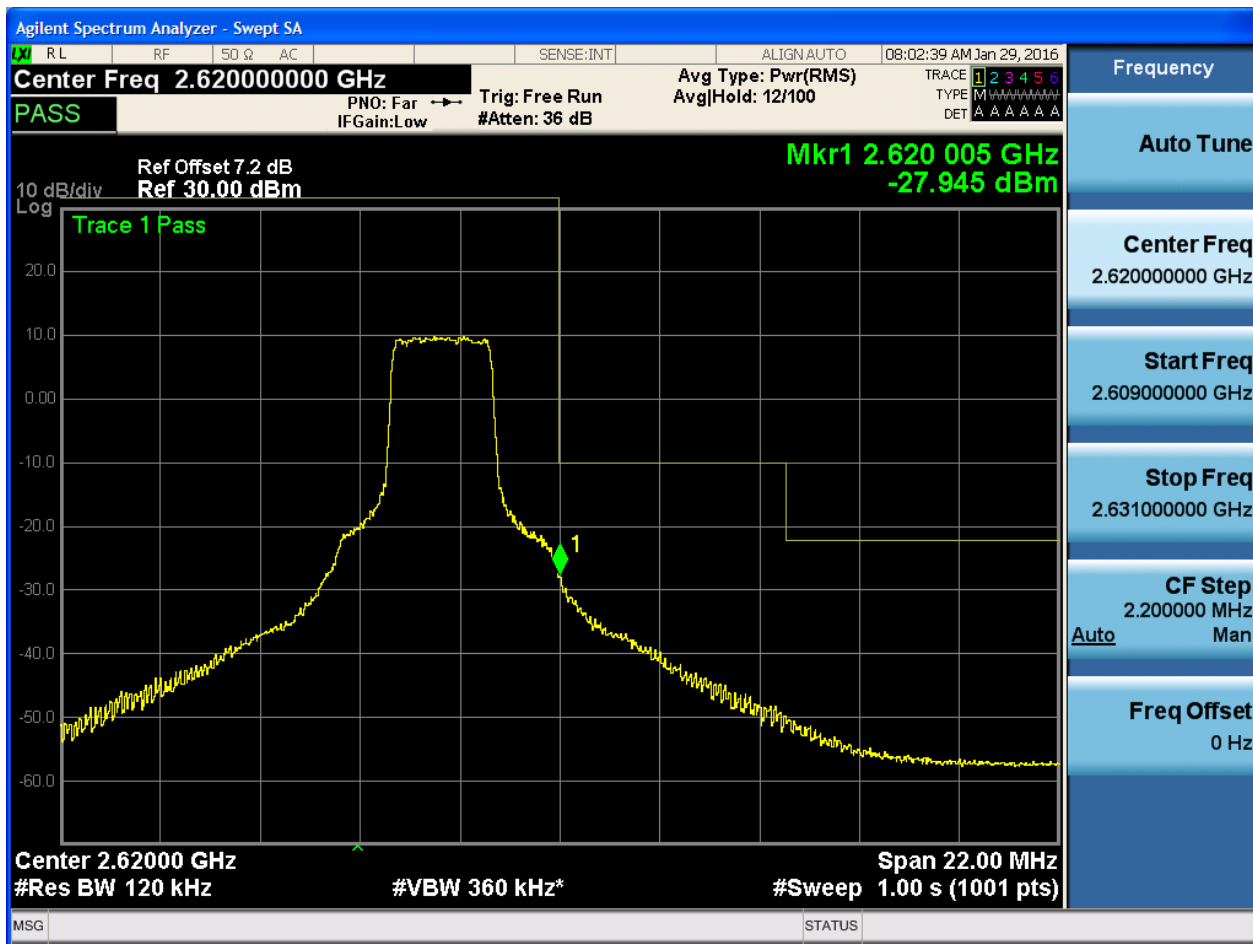


5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

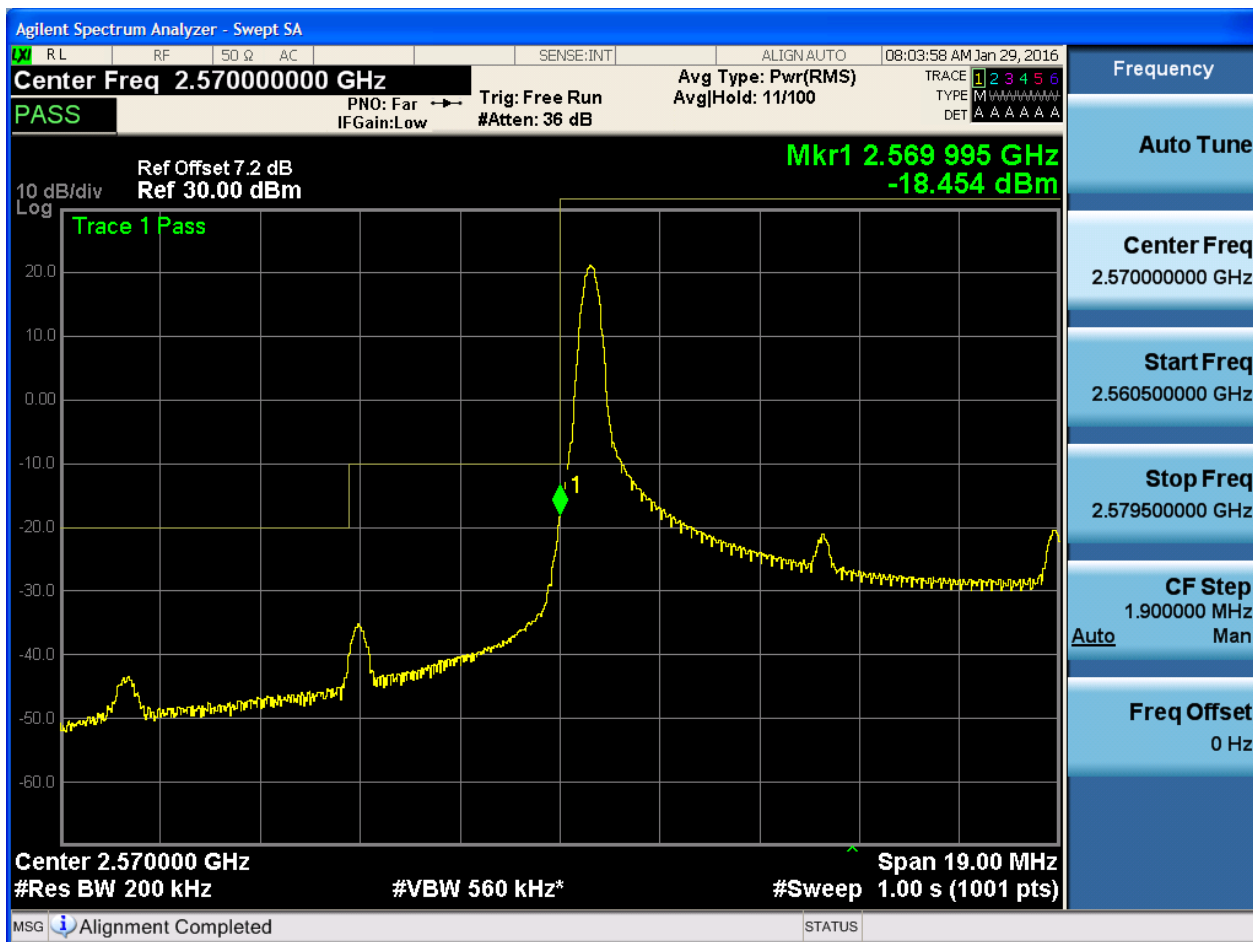




5.1.1.2.2 Test Bandwidth = 10

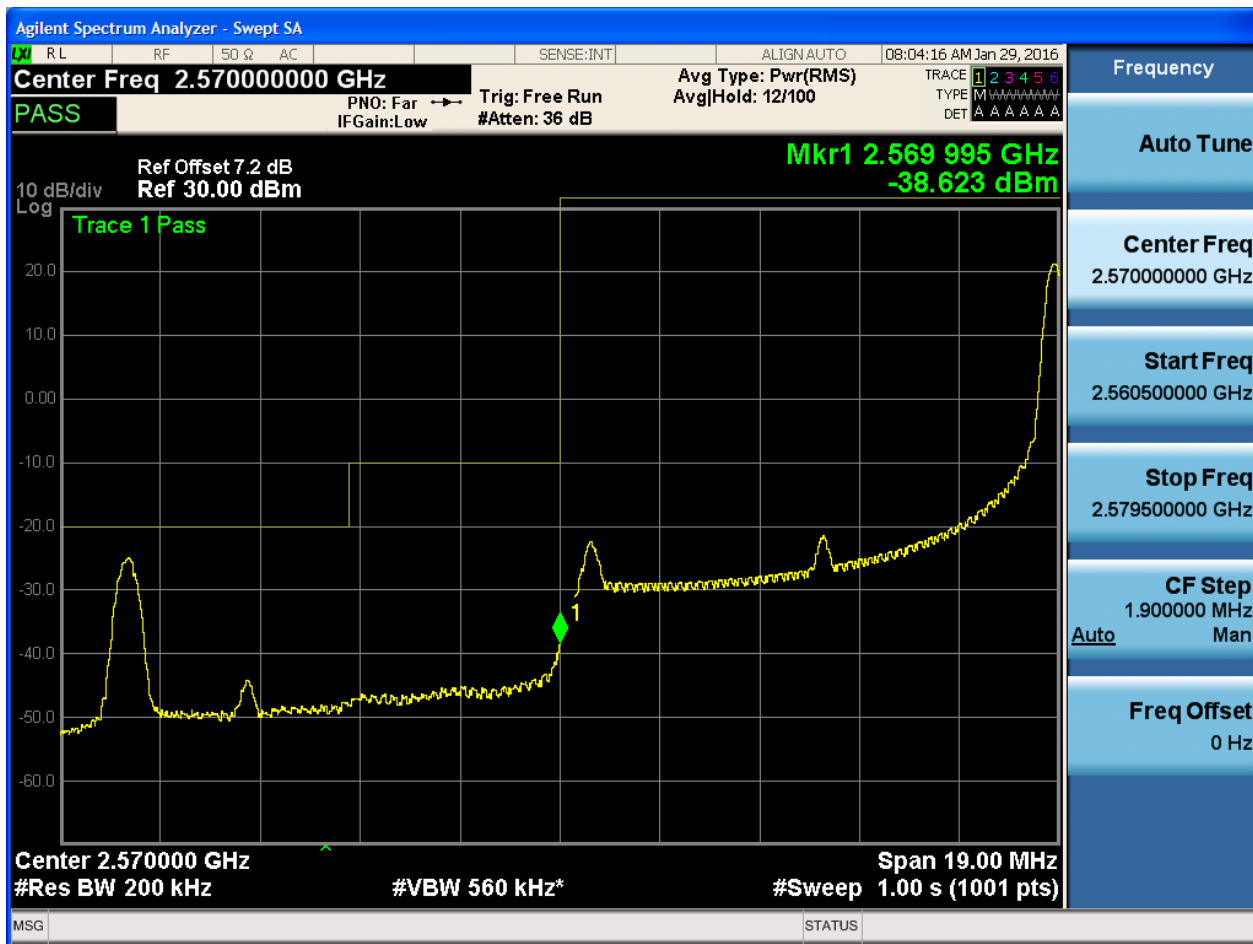
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



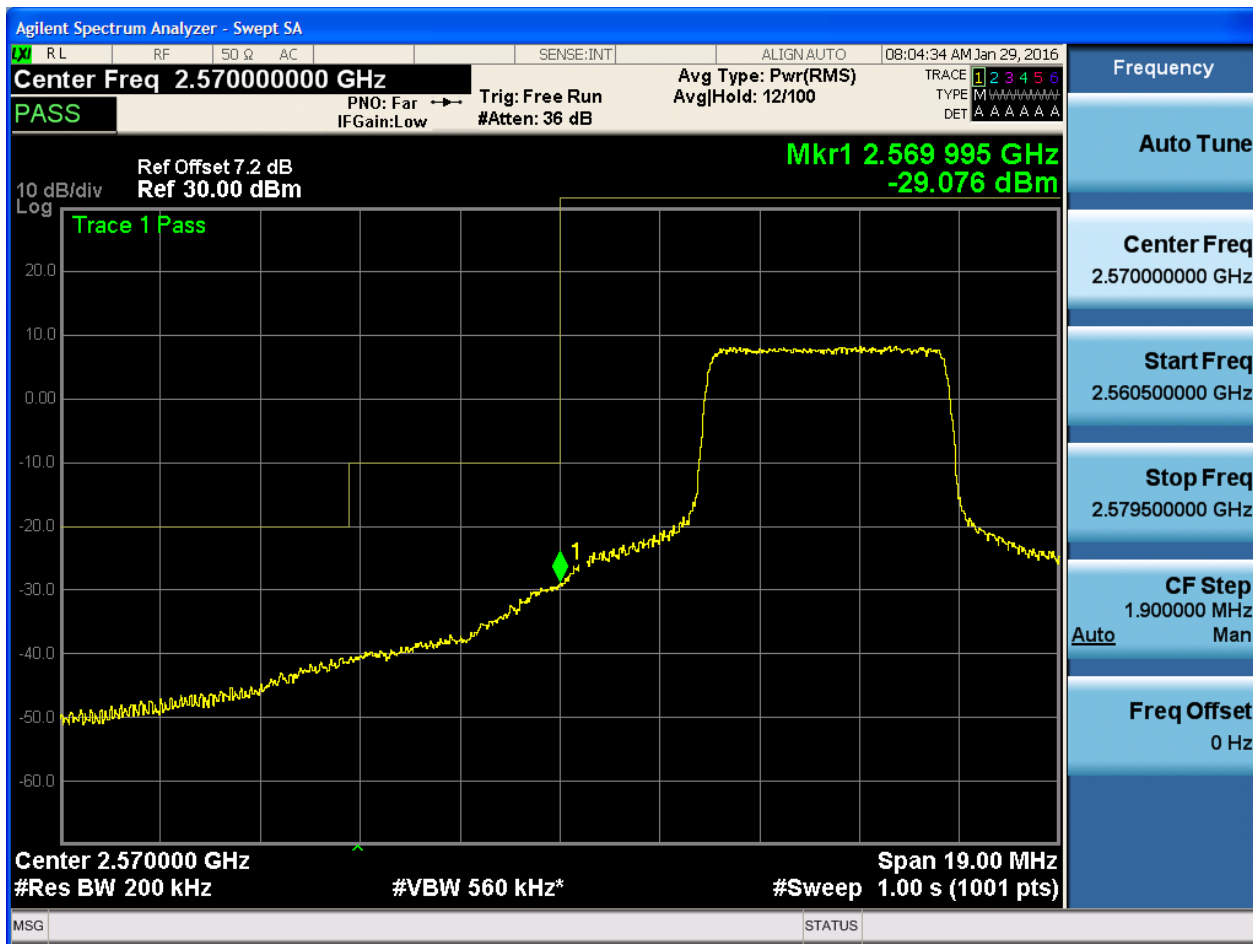


5.1.1.2.2.1.2 Test RB = RB1#49



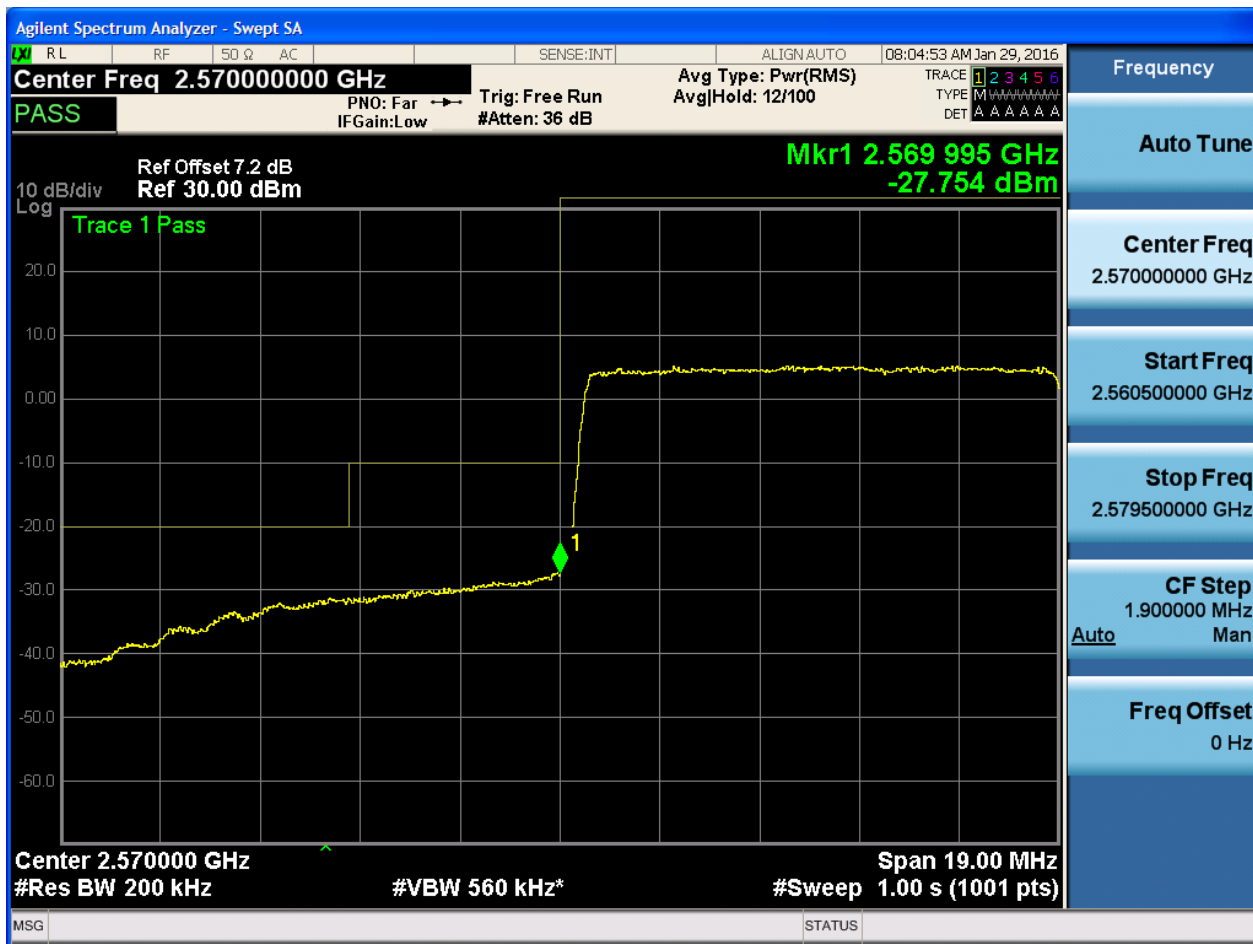


5.1.1.2.2.1.3 Test RB = RB25#13





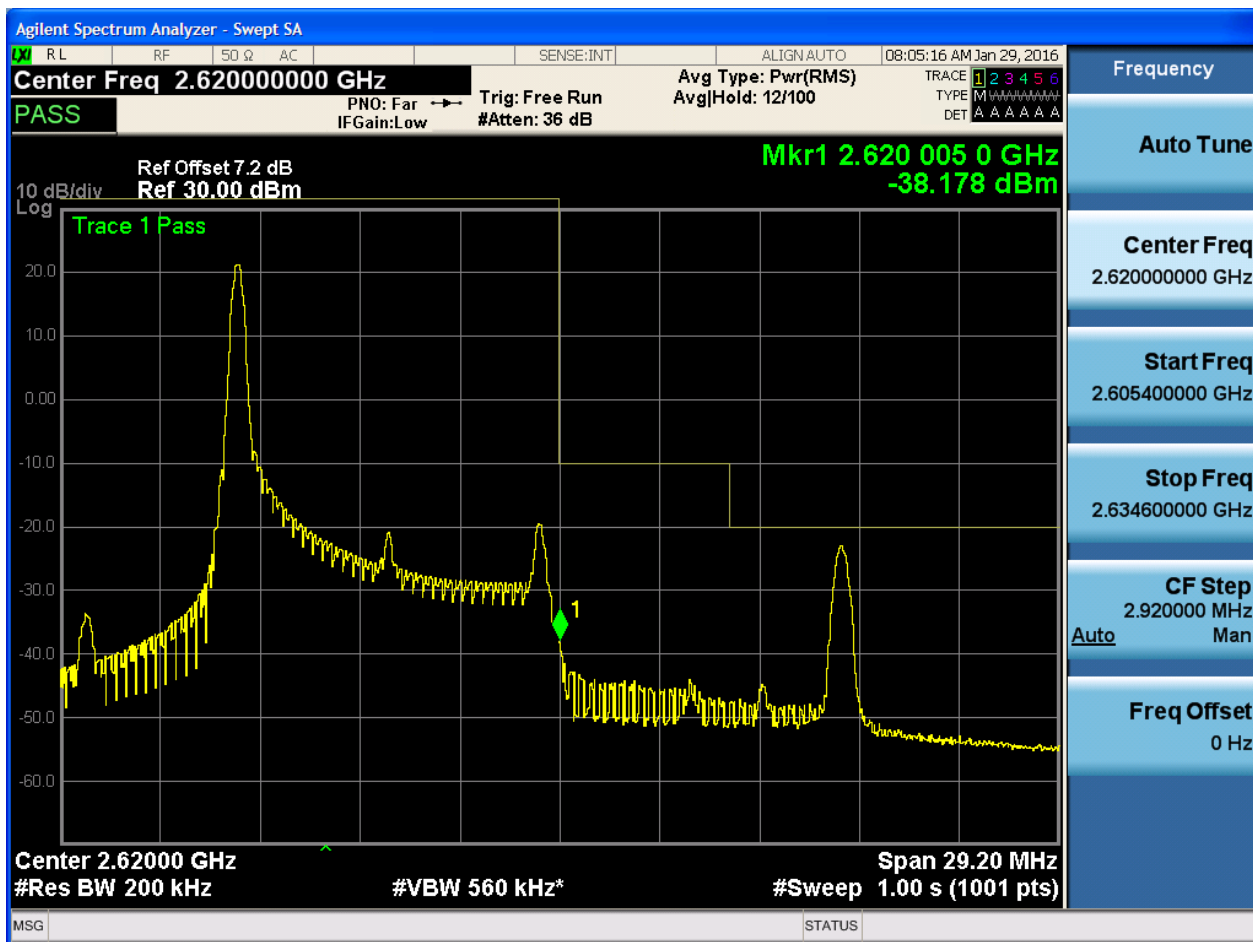
5.1.1.2.2.1.4 Test RB = RB50#0





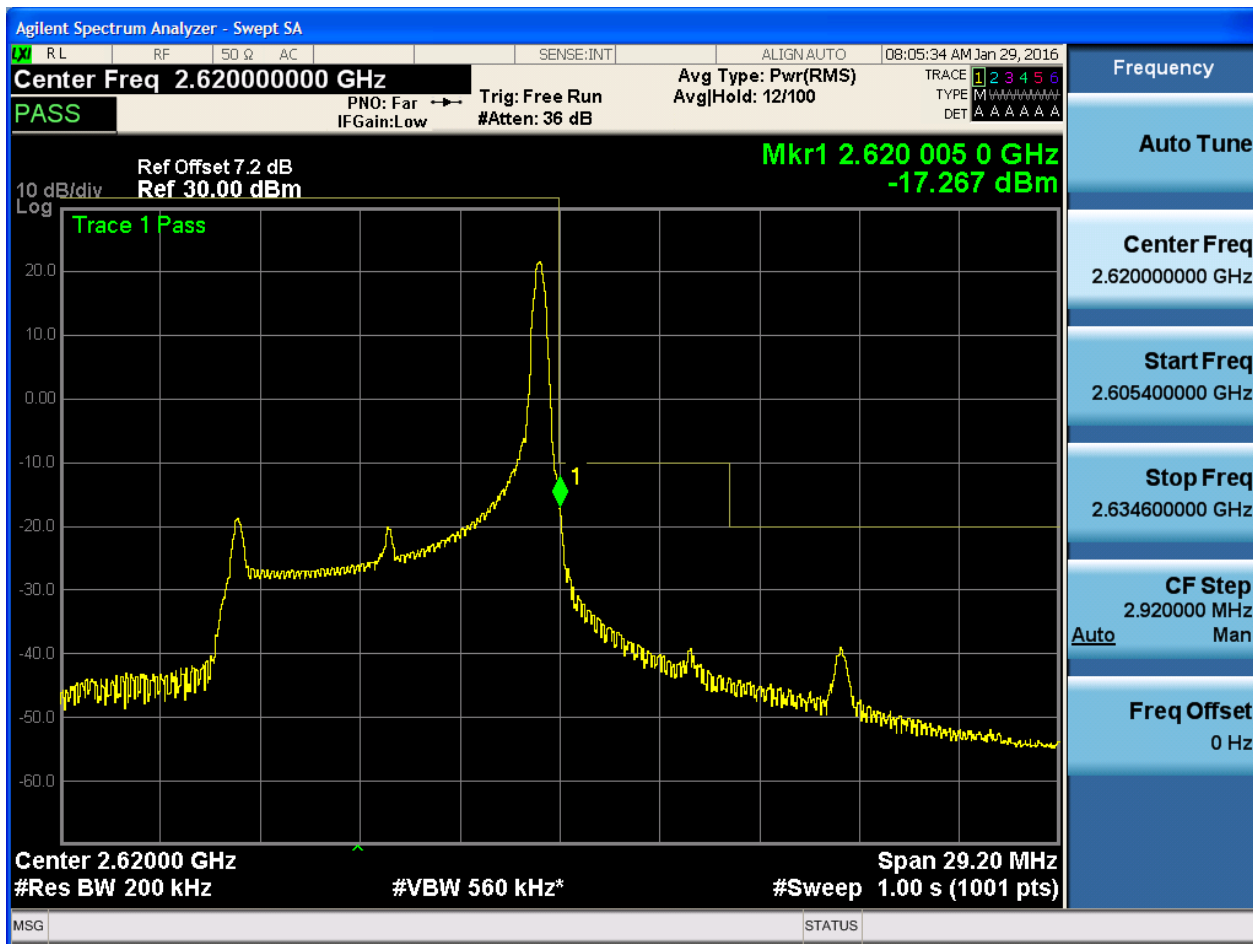
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



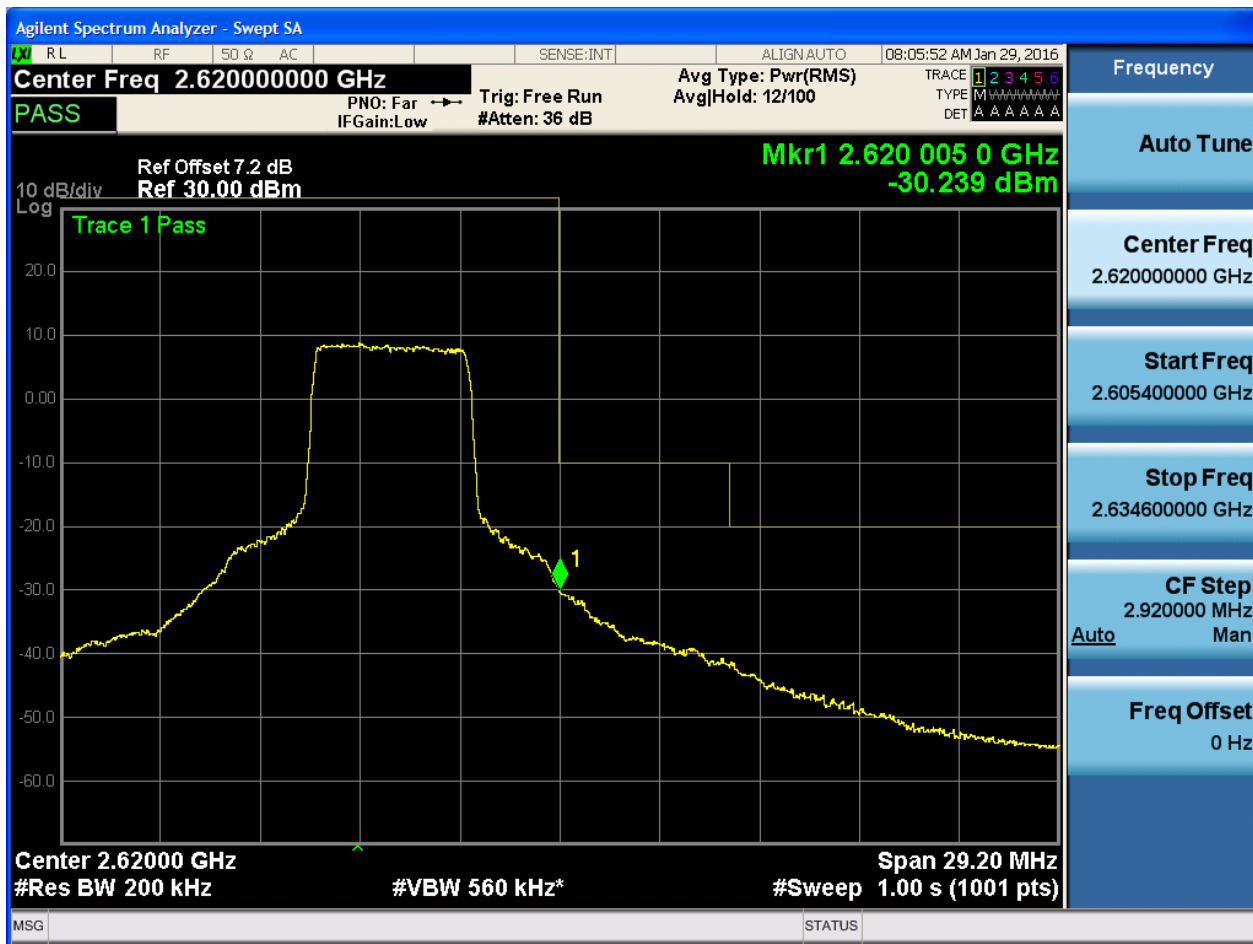


5.1.1.2.2.2 Test RB = RB1#49





5.1.1.2.2.3 Test RB = RB25#13





5.1.1.2.2.4 Test RB = RB50#0

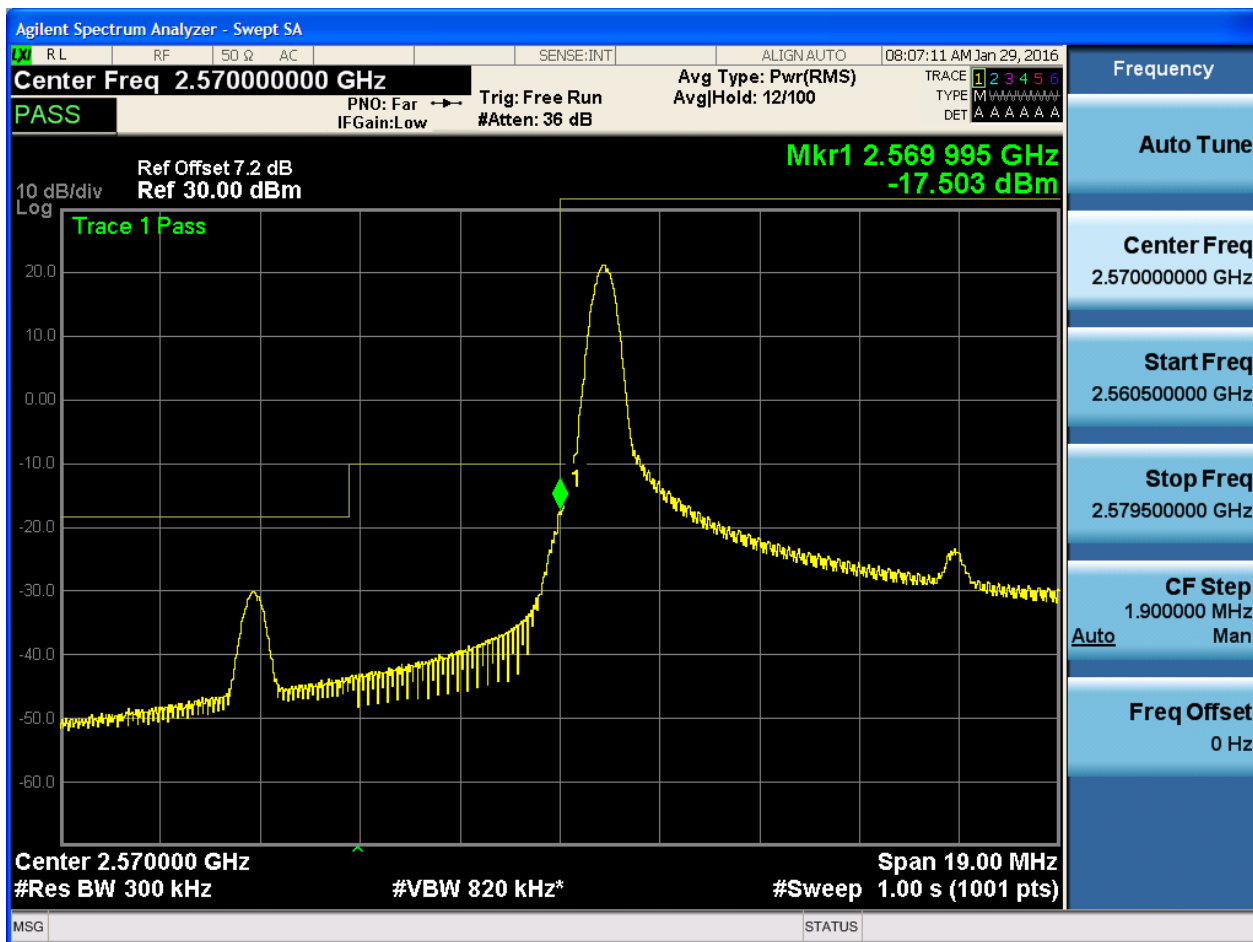




5.1.1.2.3 Test Bandwidth = 15

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#74

