



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	22.77	24.57	33	PASS
				RB1#13	22.93	24.73	33	PASS
				RB1#24	22.5	24.3	33	PASS
				RB12#0	21.86	23.66	33	PASS
				RB12#6	21.88	23.68	33	PASS
				RB12#13	21.75	23.55	33	PASS
				RB25#0	21.79	23.59	33	PASS
			MCH	RB1#0	22.91	24.71	33	PASS
				RB1#13	23.11	24.91	33	PASS
				RB1#24	22.75	24.55	33	PASS
				RB12#0	22.14	23.94	33	PASS
				RB12#6	22.19	23.99	33	PASS
				RB12#13	22.01	23.81	33	PASS
				RB25#0	22.09	23.89	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.38	25.18	33	PASS
				RB1#13	23.43	25.23	33	PASS
				RB1#24	23.07	24.87	33	PASS
				RB12#0	22.39	24.19	33	PASS
				RB12#6	22.38	24.18	33	PASS
				RB12#13	22.18	23.98	33	PASS
				RB25#0	22.26	24.06	33	PASS
		10	LCH	RB1#0	22.78	24.58	33	PASS
				RB1#25	22.95	24.75	33	PASS
				RB1#49	22.55	24.35	33	PASS
				RB25#0	21.8	23.6	33	PASS
				RB25#13	21.91	23.71	33	PASS
				RB25#25	21.82	23.62	33	PASS
				RB50#0	21.69	23.49	33	PASS
			MCH	RB1#0	22.92	24.72	33	PASS
				RB1#25	23.19	24.99	33	PASS
				RB1#49	22.96	24.76	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.15	23.95	33	PASS
				RB25#13	22.17	23.97	33	PASS
				RB25#25	22.14	23.94	33	PASS
				RB50#0	22.1	23.9	33	PASS
			HCH	RB1#0	23.32	25.12	33	PASS
				RB1#25	23.5	25.3	33	PASS
				RB1#49	23.27	25.07	33	PASS
				RB25#0	22.31	24.11	33	PASS
				RB25#13	22.4	24.2	33	PASS
				RB25#25	22.37	24.17	33	PASS
				RB50#0	22.37	24.17	33	PASS
		15	LCH	RB1#0	22.67	24.47	33	PASS
				RB1#38	22.96	24.76	33	PASS
				RB1#74	22.63	24.43	33	PASS
				RB36#0	21.83	23.63	33	PASS
				RB36#18	22.01	23.81	33	PASS
				RB36#39	21.81	23.61	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.59	23.39	33	PASS
				RB1#0	22.75	24.55	33	PASS
			MCH	RB1#38	23.14	24.94	33	PASS
				RB1#74	22.96	24.76	33	PASS
				RB36#0	22.16	23.96	33	PASS
				RB36#18	22.19	23.99	33	PASS
				RB36#39	22.12	23.92	33	PASS
				RB75#0	22.15	23.95	33	PASS
			HCH	RB1#0	23.12	24.92	33	PASS
				RB1#38	23.54	25.34	33	PASS
				RB1#74	23.22	25.02	33	PASS
				RB36#0	22.28	24.08	33	PASS
				RB36#18	22.4	24.2	33	PASS
				RB36#39	22.25	24.05	33	PASS
				RB75#0	22.35	24.15	33	PASS
		20	LCH	RB1#0	21.59	23.39	33	PASS
				RB1#50	22.99	24.79	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	23.05	24.85	33	PASS
				RB50#0	21.49	23.29	33	PASS
				RB50#25	21.73	23.53	33	PASS
				RB50#50	22.06	23.86	33	PASS
				RB100#0	21.47	23.27	33	PASS
			MCH	RB1#0	22.09	23.89	33	PASS
				RB1#50	23.28	25.08	33	PASS
				RB1#99	23.45	25.25	33	PASS
				RB50#0	21.82	23.62	33	PASS
				RB50#25	22.28	24.08	33	PASS
				RB50#50	22.38	24.18	33	PASS
				RB100#0	21.87	23.67	33	PASS
			HCH	RB1#0	22.03	23.83	33	PASS
				RB1#50	23.52	25.32	33	PASS
				RB1#99	23.57	25.37	33	PASS
				RB50#0	21.98	23.78	33	PASS
				RB50#25	22.64	24.44	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.47	24.27	33	PASS
				RB100#0	22.03	23.83	33	PASS
	LTE/TM 2	5	LCH	RB1#0	22.03	23.83	33	PASS
				RB1#13	22.2	24	33	PASS
				RB1#24	21.76	23.56	33	PASS
				RB12#0	20.75	22.55	33	PASS
				RB12#6	20.83	22.63	33	PASS
				RB12#13	20.63	22.43	33	PASS
				RB25#0	20.74	22.54	33	PASS
			MCH	RB1#0	22.18	23.98	33	PASS
				RB1#13	22.35	24.15	33	PASS
				RB1#24	22.07	23.87	33	PASS
				RB12#0	21.1	22.9	33	PASS
				RB12#6	21.29	23.09	33	PASS
				RB12#13	21.11	22.91	33	PASS
				RB25#0	21.01	22.81	33	PASS
			HCH	RB1#0	22.43	24.23	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.61	24.41	33	PASS
				RB1#24	22.32	24.12	33	PASS
				RB12#0	21.3	23.1	33	PASS
				RB12#6	21.23	23.03	33	PASS
				RB12#13	21.04	22.84	33	PASS
				RB25#0	21.24	23.04	33	PASS
		10	LCH	RB1#0	22.16	23.96	33	PASS
				RB1#25	22.32	24.12	33	PASS
				RB1#49	21.97	23.77	33	PASS
				RB25#0	20.78	22.58	33	PASS
				RB25#13	20.8	22.6	33	PASS
				RB25#25	20.66	22.46	33	PASS
				RB50#0	20.55	22.35	33	PASS
			MCH	RB1#0	22.03	23.83	33	PASS
				RB1#25	22.23	24.03	33	PASS
				RB1#49	22.1	23.9	33	PASS
				RB25#0	21.12	22.92	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.09	22.89	33	PASS
				RB25#25	21.05	22.85	33	PASS
				RB50#0	21.06	22.86	33	PASS
			HCH	RB1#0	22.78	24.58	33	PASS
				RB1#25	22.98	24.78	33	PASS
				RB1#49	22.7	24.5	33	PASS
				RB25#0	21.3	23.1	33	PASS
				RB25#13	21.36	23.16	33	PASS
				RB25#25	21.26	23.06	33	PASS
				RB50#0	21.24	23.04	33	PASS
		15	LCH	RB1#0	21.89	23.69	33	PASS
				RB1#38	22.17	23.97	33	PASS
				RB1#74	21.88	23.68	33	PASS
				RB36#0	20.71	22.51	33	PASS
				RB36#18	20.94	22.74	33	PASS
				RB36#39	20.74	22.54	33	PASS
				RB75#0	20.46	22.26	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.67	23.47	33	PASS
				RB1#38	22.14	23.94	33	PASS
				RB1#74	21.95	23.75	33	PASS
				RB36#0	21.24	23.04	33	PASS
				RB36#18	21.28	23.08	33	PASS
				RB36#39	21.15	22.95	33	PASS
				RB75#0	21.12	22.92	33	PASS
			HCH	RB1#0	22.41	24.21	33	PASS
				RB1#38	22.68	24.48	33	PASS
				RB1#74	22.32	24.12	33	PASS
				RB36#0	21.34	23.14	33	PASS
				RB36#18	21.39	23.19	33	PASS
				RB36#39	21.18	22.98	33	PASS
				RB75#0	21.26	23.06	33	PASS
		20	LCH	RB1#0	22.11	23.91	33	PASS
				RB1#50	22.5	24.3	33	PASS
				RB1#99	22.6	24.4	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.03	22.83	33	PASS
				RB50#25	20.62	22.42	33	PASS
				RB50#50	20.98	22.78	33	PASS
				RB100#0	20.89	22.69	33	PASS
			MCH	RB1#0	21.79	23.59	33	PASS
				RB1#50	22.5	24.3	33	PASS
				RB1#99	22.64	24.44	33	PASS
				RB50#0	21.35	23.15	33	PASS
				RB50#25	21.32	23.12	33	PASS
				RB50#50	21.35	23.15	33	PASS
				RB100#0	21.32	23.12	33	PASS
			HCH	RB1#0	22.09	23.89	33	PASS
				RB1#50	22.64	24.44	33	PASS
				RB1#99	22.58	24.38	33	PASS
				RB50#0	21.44	23.24	33	PASS
				RB50#25	21.58	23.38	33	PASS
				RB50#50	21.39	23.19	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.42	23.22	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	5.2	13	PASS
				RB1#13	5.06	13	PASS
				RB1#24	5.33	13	PASS
				RB12#0	6.38	13	PASS
				RB12#6	5.81	13	PASS
				RB12#13	6.08	13	PASS
				RB25#0	6.05	13	PASS
			MCH	RB1#0	5.17	13	PASS
				RB1#13	5	13	PASS
				RB1#24	5.67	13	PASS
				RB12#0	5.67	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.59	13	PASS
				RB25#0	6.03	13	PASS
			HCH	RB1#0	4.92	13	PASS
				RB1#13	4.68	13	PASS
				RB1#24	5.06	13	PASS
				RB12#0	6.45	13	PASS
				RB12#6	6.11	13	PASS
				RB12#13	6.38	13	PASS
				RB25#0	6.65	13	PASS
		10	LCH	RB1#0	4.88	13	PASS
				RB1#25	4.73	13	PASS
				RB1#49	4.71	13	PASS
				RB25#0	6.13	13	PASS
				RB25#13	6.45	13	PASS
				RB25#25	6.33	13	PASS
				RB50#0	6.38	13	PASS
			MCH	RB1#0	4.74	13	PASS
				RB1#25	4.71	13	PASS
				RB1#49	4.86	13	PASS
				RB25#0	5.61	13	PASS
				RB25#13	5.59	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.69	13	PASS
				RB50#0	6.24	13	PASS
			HCH	RB1#0	4.47	13	PASS
				RB1#25	4.46	13	PASS
				RB1#49	4.58	13	PASS
				RB25#0	5.78	13	PASS
				RB25#13	5.85	13	PASS
				RB25#25	6	13	PASS
				RB50#0	6.23	13	PASS
		15	LCH	RB1#0	4.9	13	PASS
				RB1#38	4.71	13	PASS
				RB1#74	4.72	13	PASS
				RB36#0	6.12	13	PASS
				RB36#18	6.15	13	PASS
				RB36#39	5.98	13	PASS
				RB75#0	6.84	13	PASS
			MCH	RB1#0	4.44	13	PASS
				RB1#38	4.24	13	PASS
				RB1#74	4.44	13	PASS
				RB36#0	6.11	13	PASS
				RB36#18	6.04	13	PASS
				RB36#39	6.01	13	PASS
				RB75#0	6.54	13	PASS
			HCH	RB1#0	4.85	13	PASS
				RB1#38	4.74	13	PASS
				RB1#74	5.08	13	PASS
				RB36#0	5.72	13	PASS
				RB36#18	5.92	13	PASS
				RB36#39	5.97	13	PASS
				RB75#0	6.83	13	PASS
		20	LCH	RB1#0	5.37	13	PASS
				RB1#50	4.71	13	PASS
				RB1#99	4.73	13	PASS
				RB50#0	6.83	13	PASS
				RB50#25	6.18	13	PASS
				RB50#50	6.04	13	PASS
				RB100#0	6.66	13	PASS
			MCH	RB1#0	5.28	13	PASS
				RB1#50	4.68	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	5.22	13	PASS
				RB50#0	6.2	13	PASS
				RB50#25	5.76	13	PASS
				RB50#50	5.81	13	PASS
				RB100#0	6.45	13	PASS
			HCH	RB1#0	5.12	13	PASS
				RB1#50	4.72	13	PASS
				RB1#99	4.9	13	PASS
				RB50#0	6.05	13	PASS
				RB50#25	5.64	13	PASS
				RB50#50	5.98	13	PASS
				RB100#0	6.61	13	PASS
	LTE/TM2	5	LCH	RB1#0	6.6	13	PASS
				RB1#13	6.18	13	PASS
				RB1#24	6.7	13	PASS
				RB12#0	7.51	13	PASS
				RB12#6	7.25	13	PASS
				RB12#13	7.15	13	PASS
				RB25#0	7.21	13	PASS
			MCH	RB1#0	5.9	13	PASS
				RB1#13	5.67	13	PASS
				RB1#24	6.29	13	PASS
				RB12#0	6.32	13	PASS
				RB12#6	5.95	13	PASS
				RB12#13	6.14	13	PASS
				RB25#0	6.55	13	PASS
			HCH	RB1#0	6.1	13	PASS
				RB1#13	5.64	13	PASS
				RB1#24	6.37	13	PASS
				RB12#0	6.98	13	PASS
				RB12#6	6.87	13	PASS
				RB12#13	6.83	13	PASS
				RB25#0	6.94	13	PASS
		10	LCH	RB1#0	5.8	13	PASS
				RB1#25	5.77	13	PASS
				RB1#49	5.68	13	PASS
				RB25#0	6.54	13	PASS
				RB25#13	6.74	13	PASS
				RB25#25	6.6	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	7.29	13	PASS
			MCH	RB1#0	4.97	13	PASS
				RB1#25	4.92	13	PASS
				RB1#49	4.99	13	PASS
				RB25#0	6.54	13	PASS
				RB25#13	6.42	13	PASS
				RB25#25	6.54	13	PASS
				RB50#0	6.81	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#25	4.84	13	PASS
				RB1#49	5.04	13	PASS
				RB25#0	6.62	13	PASS
				RB25#13	6.96	13	PASS
				RB25#25	6.69	13	PASS
				RB50#0	7.22	13	PASS
		15	LCH	RB1#0	6.11	13	PASS
				RB1#38	6.14	13	PASS
				RB1#74	5.93	13	PASS
				RB36#0	6.76	13	PASS
				RB36#18	6.5	13	PASS
				RB36#39	6.69	13	PASS
				RB75#0	7.21	13	PASS
			MCH	RB1#0	5.37	13	PASS
				RB1#38	5.37	13	PASS
				RB1#74	5.47	13	PASS
				RB36#0	6.63	13	PASS
				RB36#18	6.65	13	PASS
				RB36#39	6.56	13	PASS
				RB75#0	7.07	13	PASS
			HCH	RB1#0	5.61	13	PASS
				RB1#38	5.7	13	PASS
				RB1#74	5.91	13	PASS
				RB36#0	6.77	13	PASS
				RB36#18	7.07	13	PASS
				RB36#39	7.5	13	PASS
				RB75#0	6.86	13	PASS
		20	LCH	RB1#0	6.02	13	PASS
				RB1#50	5.76	13	PASS
				RB1#99	5.63	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	7.17	13	PASS
				RB50#25	6.66	13	PASS
				RB50#50	6.57	13	PASS
				RB100#0	7.48	13	PASS
			MCH	RB1#0	5.86	13	PASS
				RB1#50	5.4	13	PASS
				RB1#99	5.64	13	PASS
				RB50#0	7.16	13	PASS
				RB50#25	6.5	13	PASS
				RB50#50	6.55	13	PASS
				RB100#0	7.04	13	PASS
			HCH	RB1#0	5.33	13	PASS
				RB1#50	5.28	13	PASS
				RB1#99	5.5	13	PASS
				RB50#0	7.04	13	PASS
				RB50#25	6.79	13	PASS
				RB50#50	7.02	13	PASS
				RB100#0	7.54	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

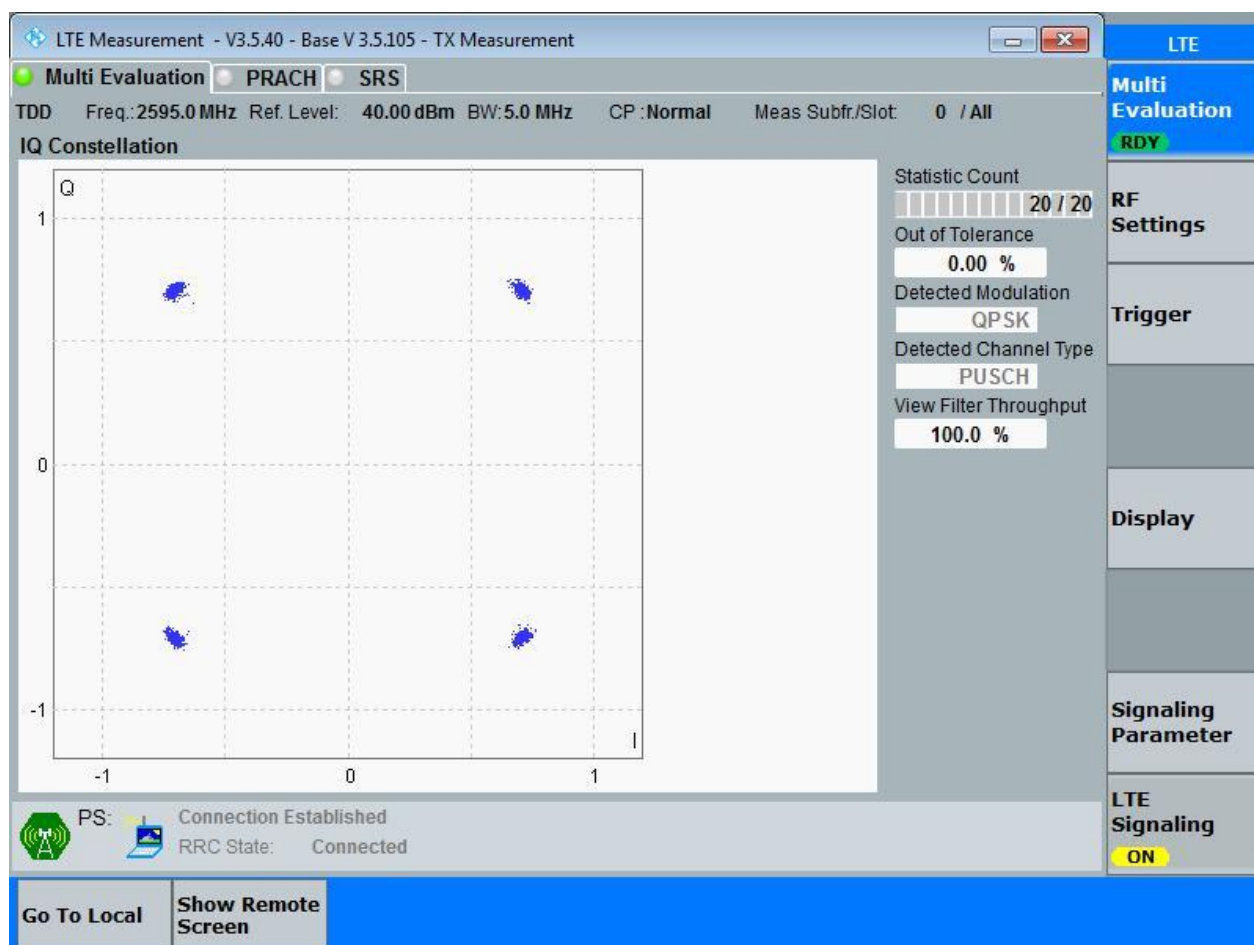
3.1.1 Test Band = BAND38

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

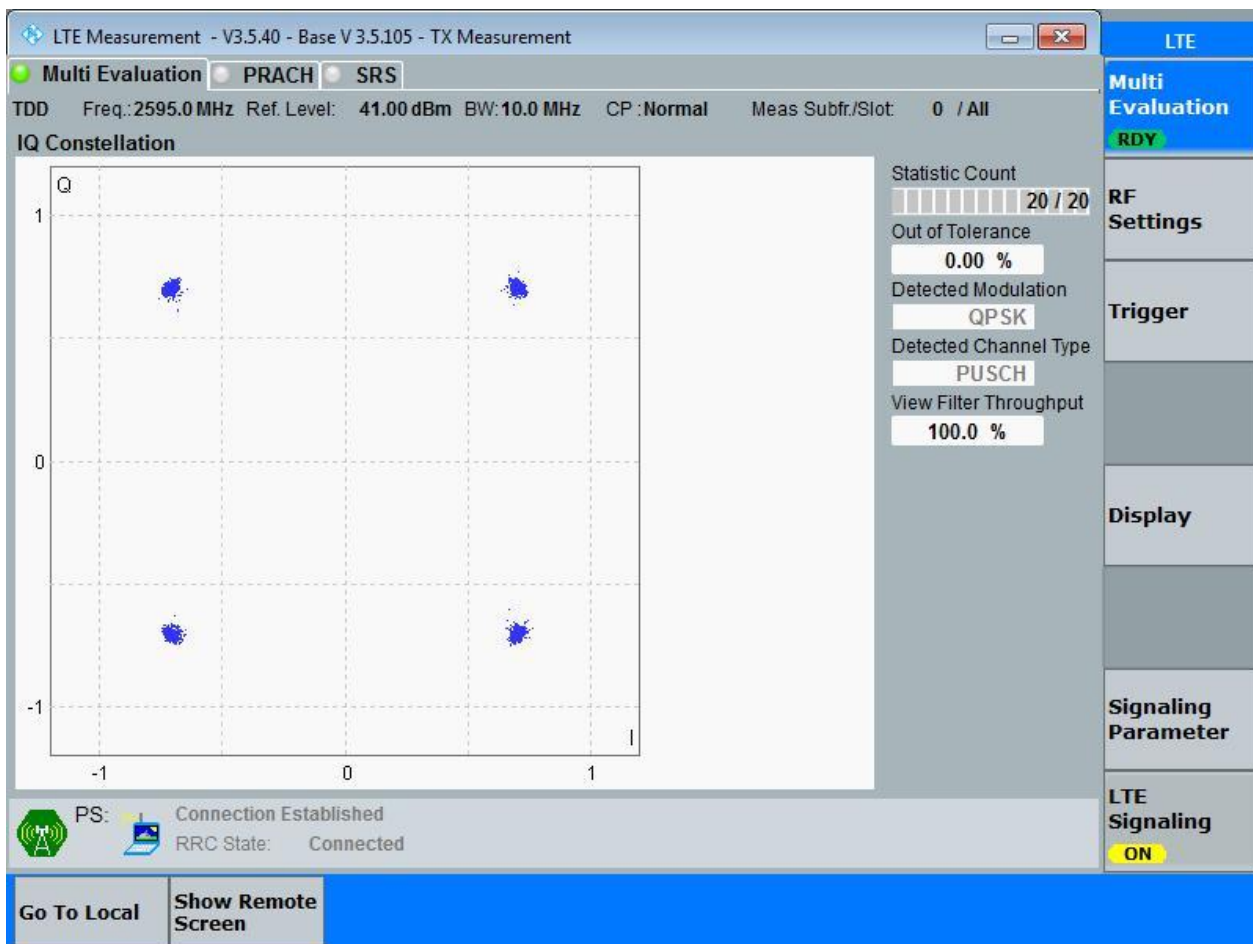
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

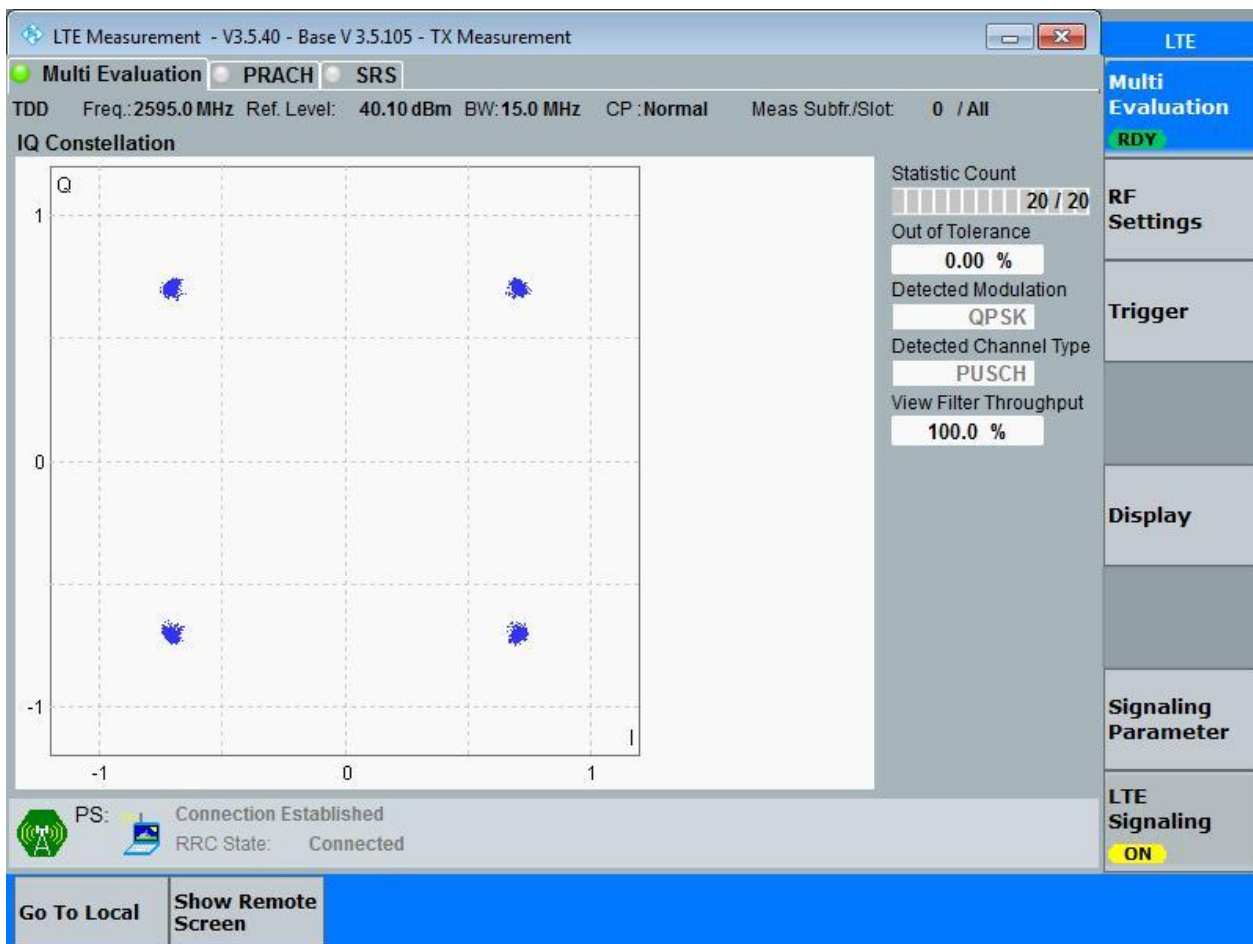
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

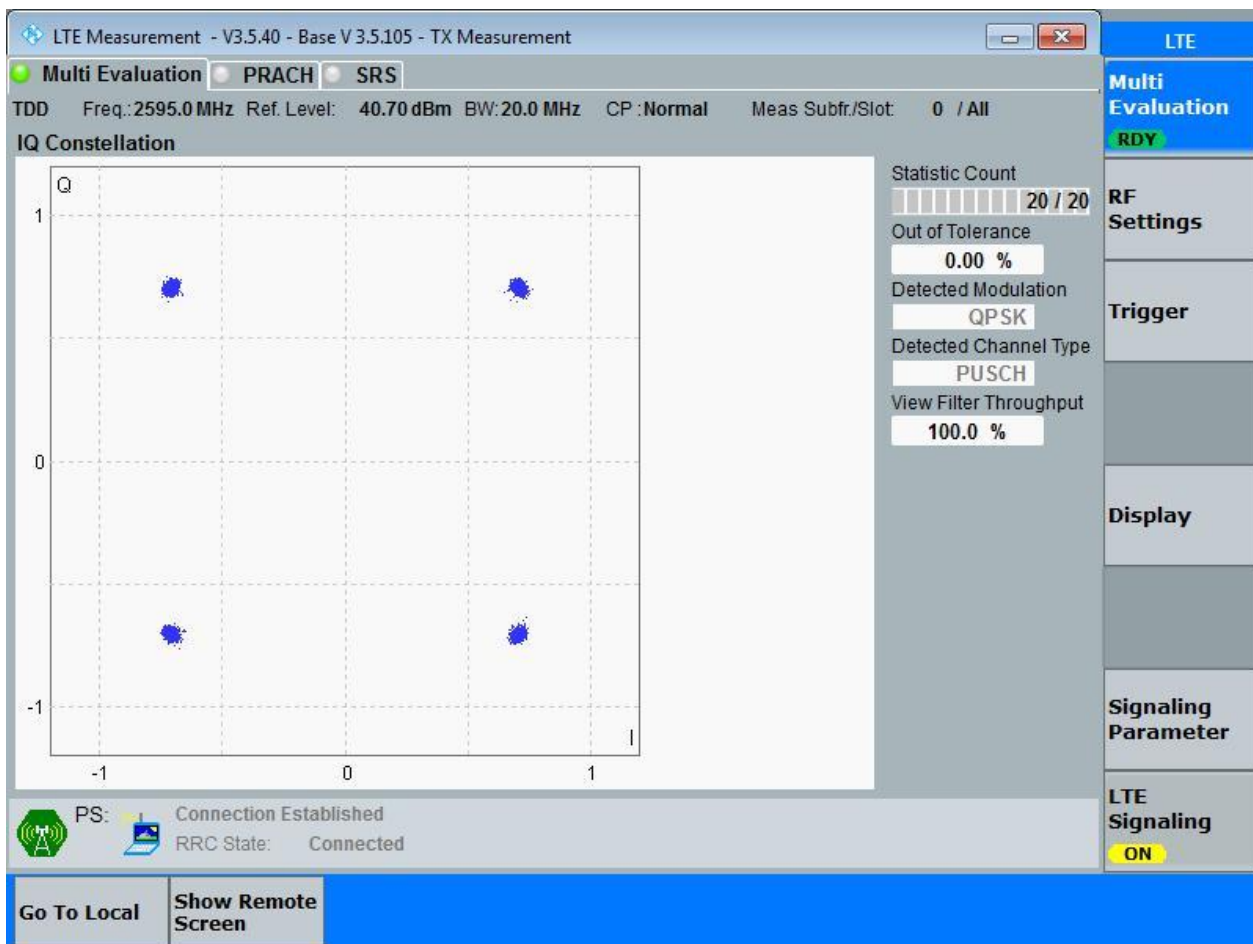
3.1.1.1.3.1.1 Test RB = RB75#0



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

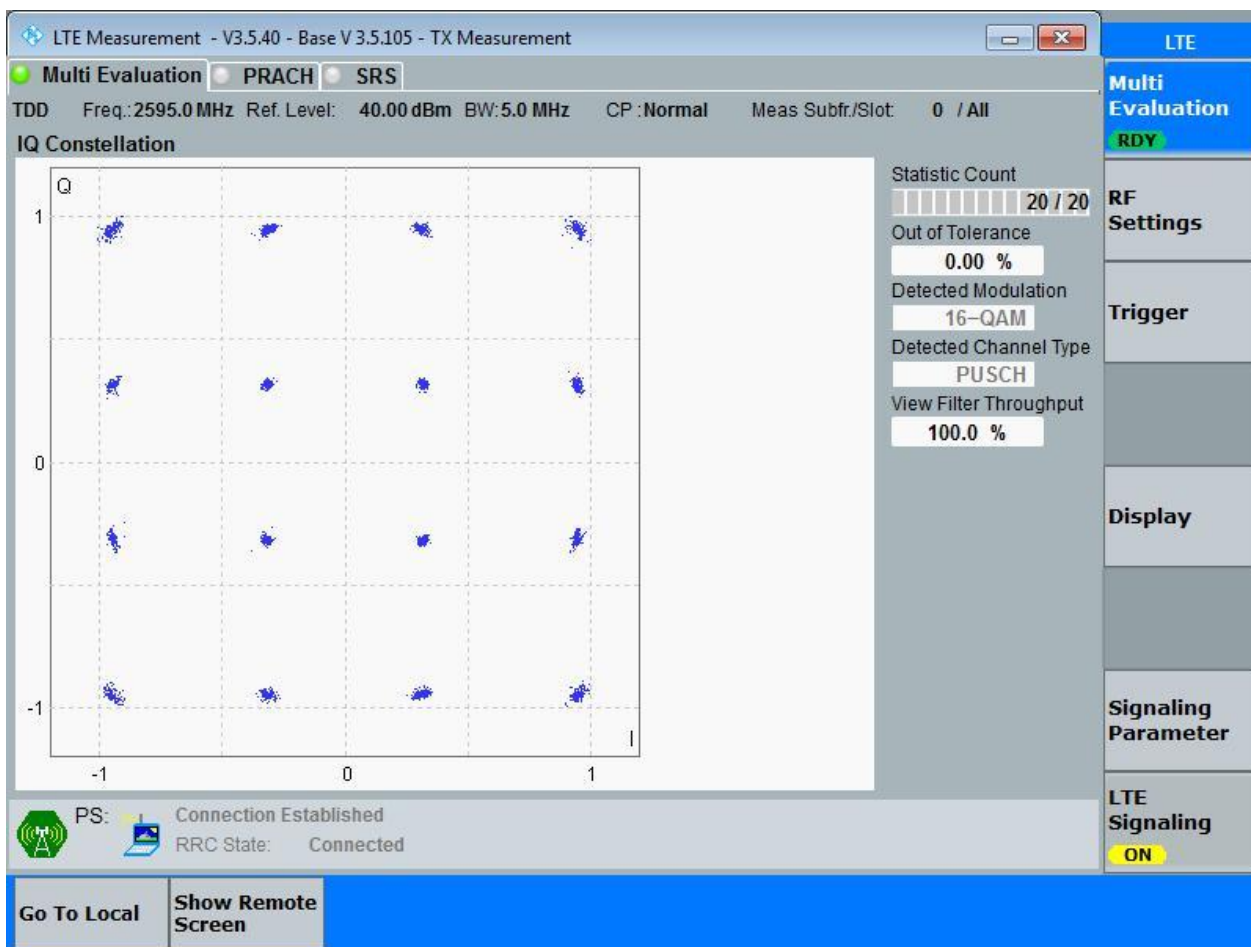


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

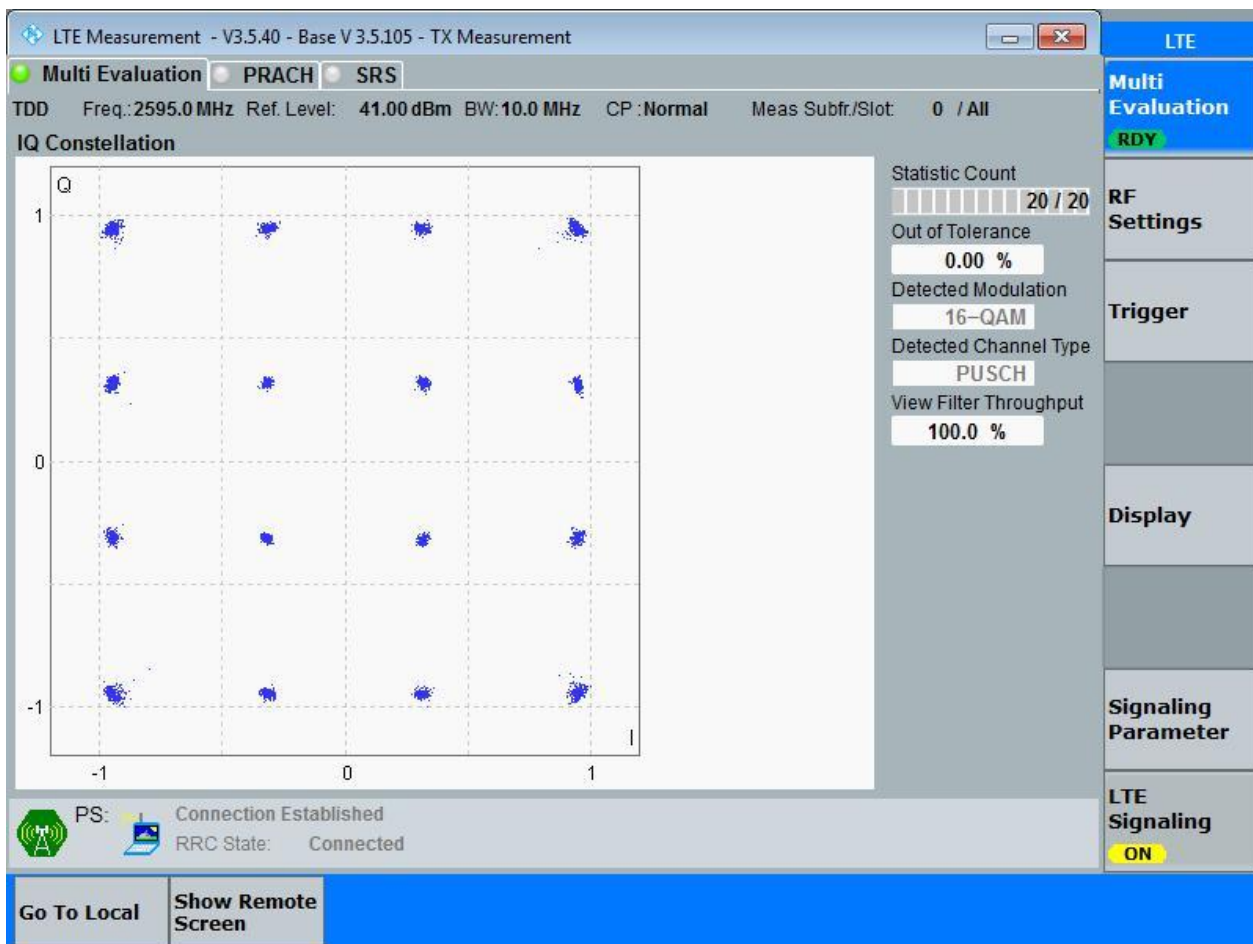
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

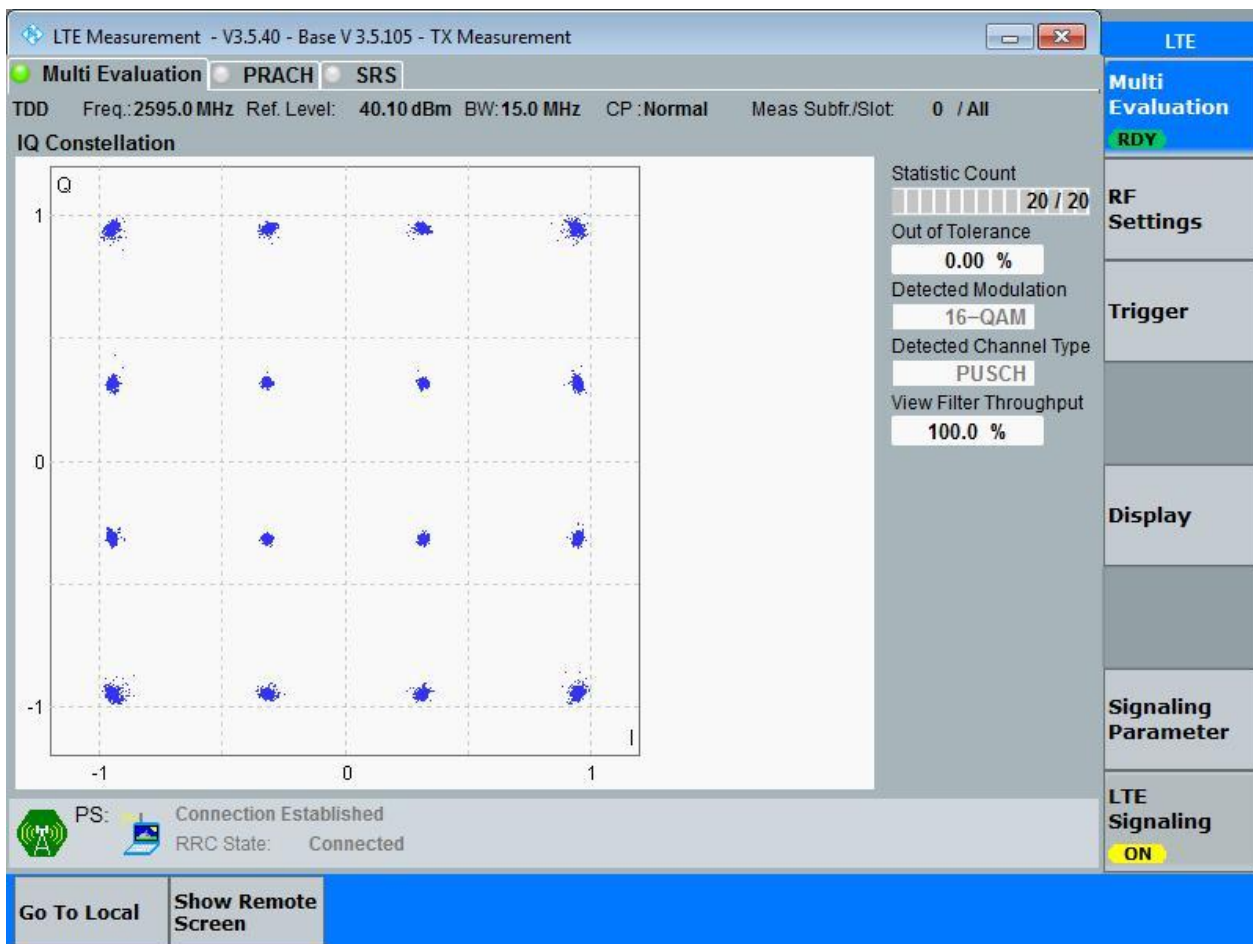
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

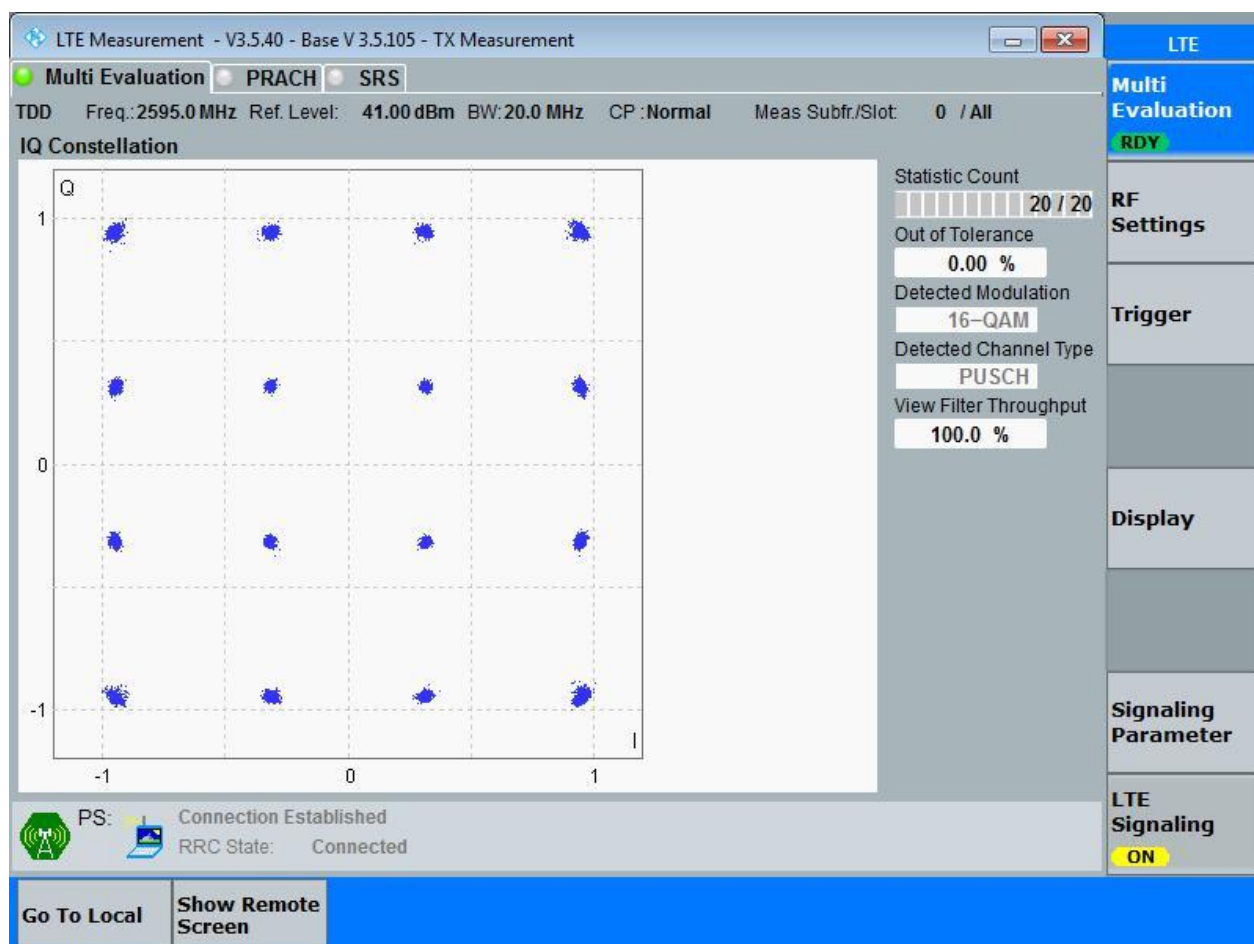
3.1.1.2.3.1.1 Test RB = RB75#0



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	4.49	4.84	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.49	4.82	Pass
		10	LCH	RB50#0	8.98	9.57	Pass
			MCH	RB50#0	8.99	9.56	Pass
			HCH	RB50#0	8.98	9.60	Pass
		15	LCH	RB75#0	13.45	14.36	Pass
			MCH	RB75#0	13.48	14.36	Pass
			HCH	RB75#0	13.47	14.36	Pass
		20	LCH	RB100#0	17.93	19.01	Pass
			MCH	RB100#0	17.96	19.06	Pass
			HCH	RB100#0	17.96	18.99	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.84	Pass
			MCH	RB25#0	4.49	4.83	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	8.98	9.55	Pass
			MCH	RB50#0	8.99	9.55	Pass
			HCH	RB50#0	8.98	9.57	Pass
		15	LCH	RB75#0	13.46	14.29	Pass
			MCH	RB75#0	13.48	14.35	Pass
			HCH	RB75#0	13.47	14.32	Pass
		20	LCH	RB100#0	17.96	18.99	Pass
			MCH	RB100#0	17.96	19.03	Pass
			HCH	RB100#0	17.94	19.01	Pass

4.1 For LTE

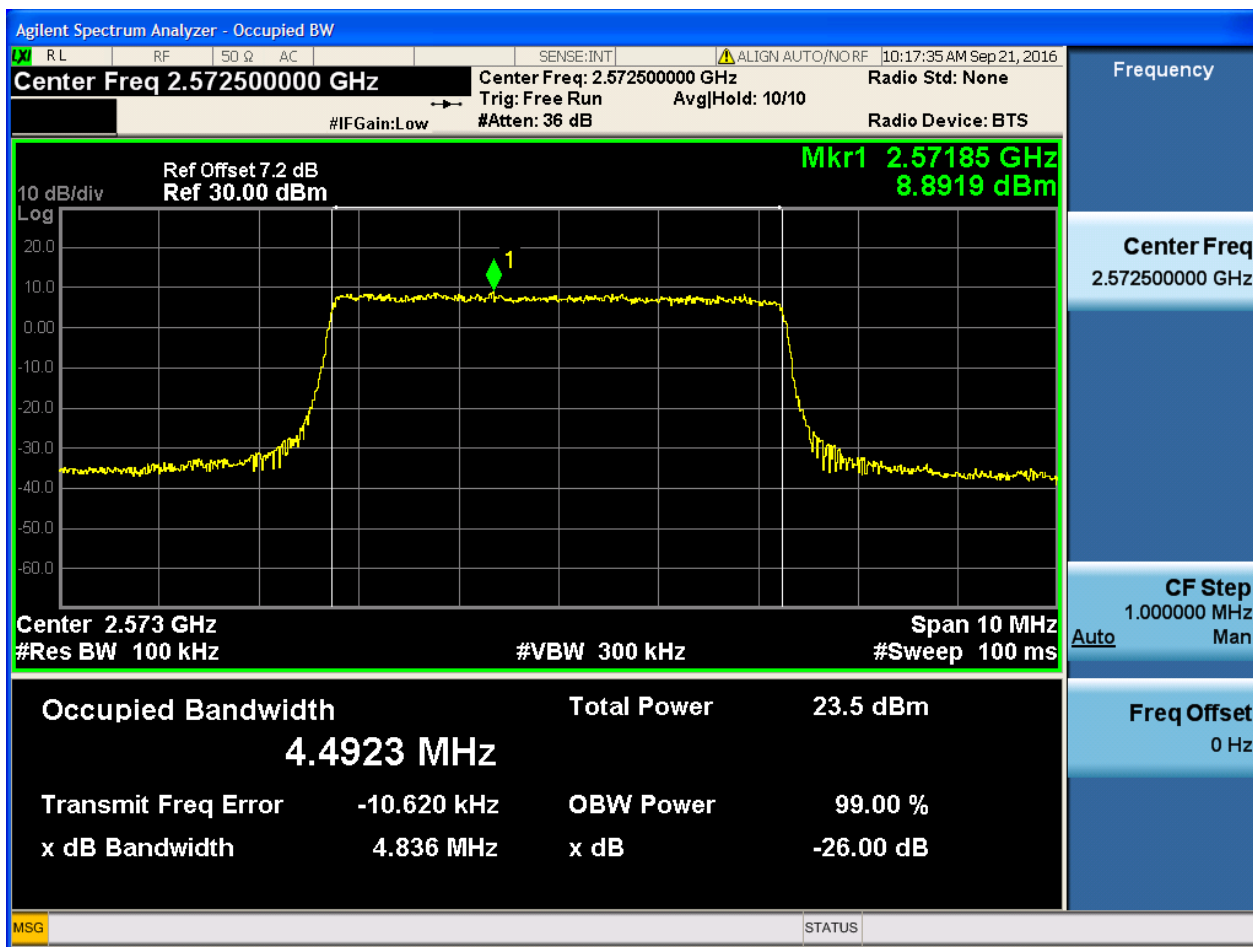
4.1.1 Test Band = BAND38

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

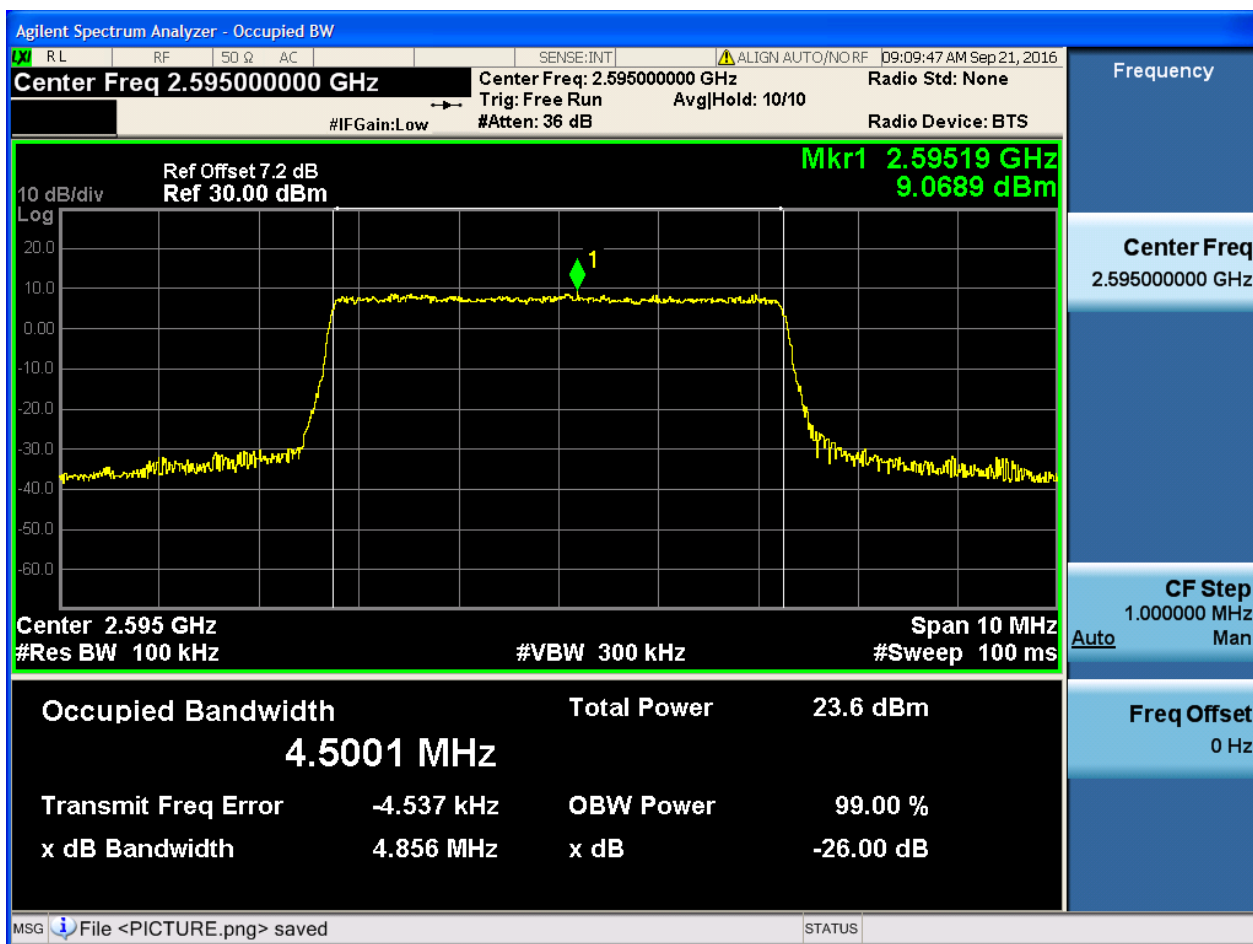
4.1.1.1.1.1.1 Test RB = RB25#0





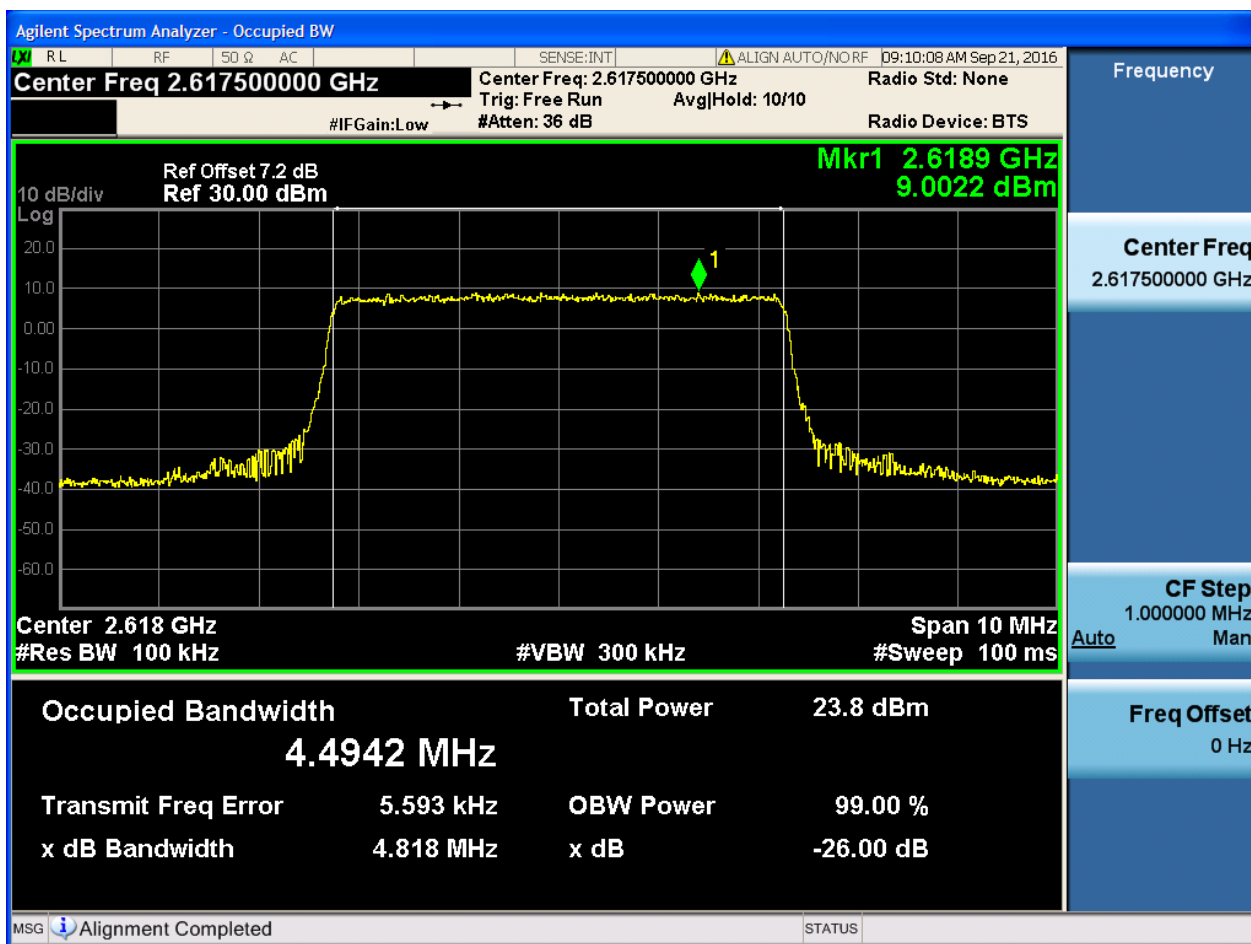
4.1.1.1.1.2 Test Channel = MCH

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

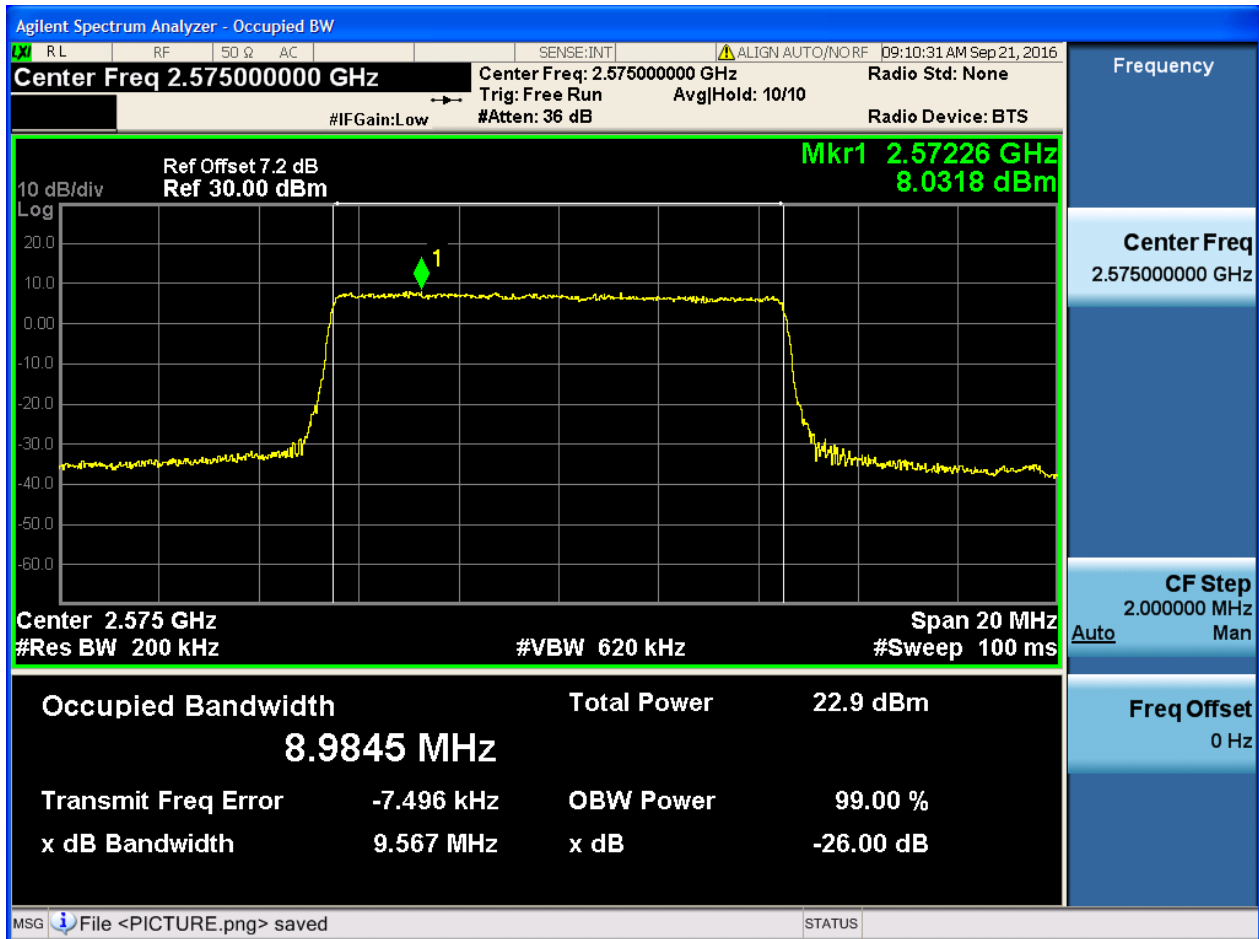




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

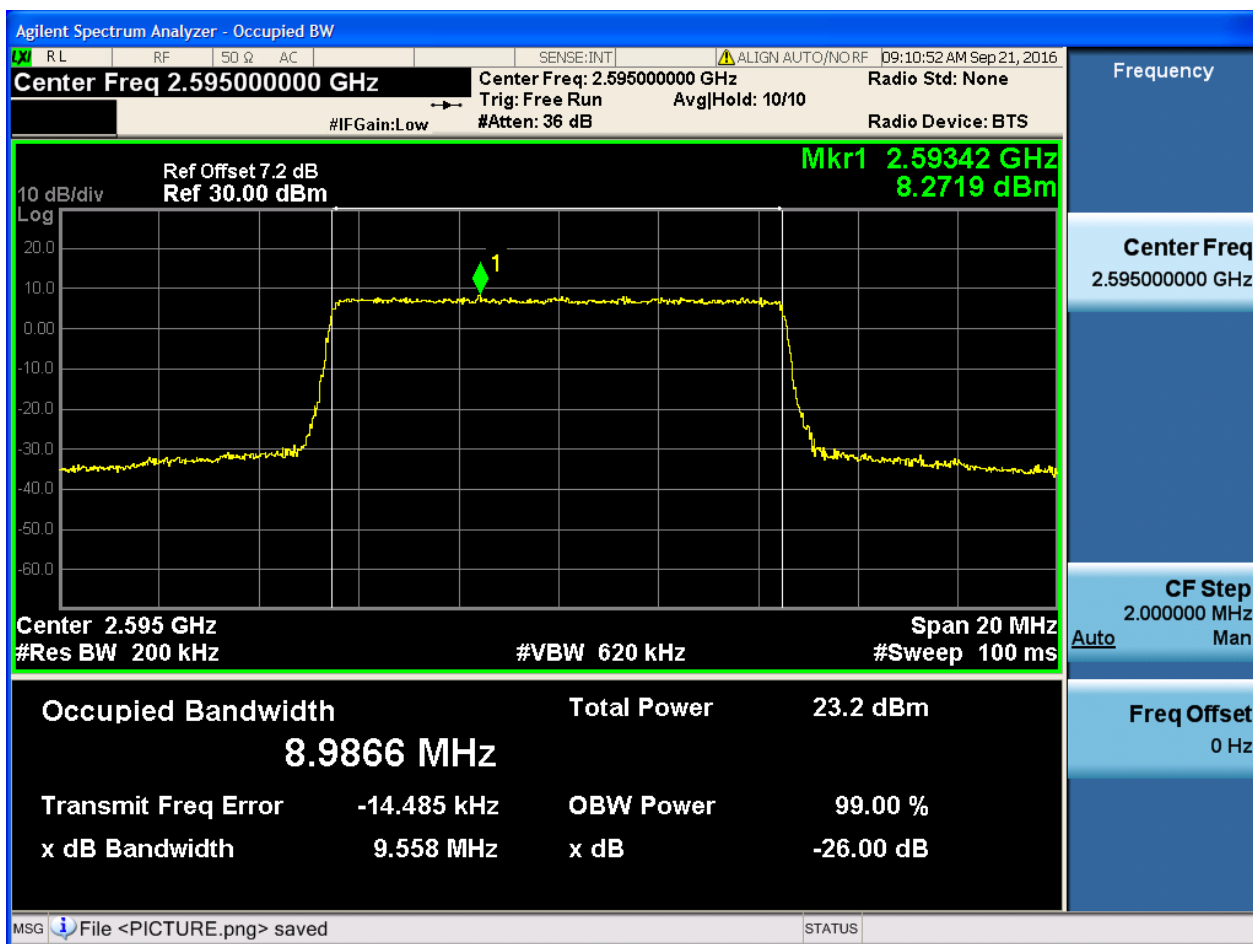
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

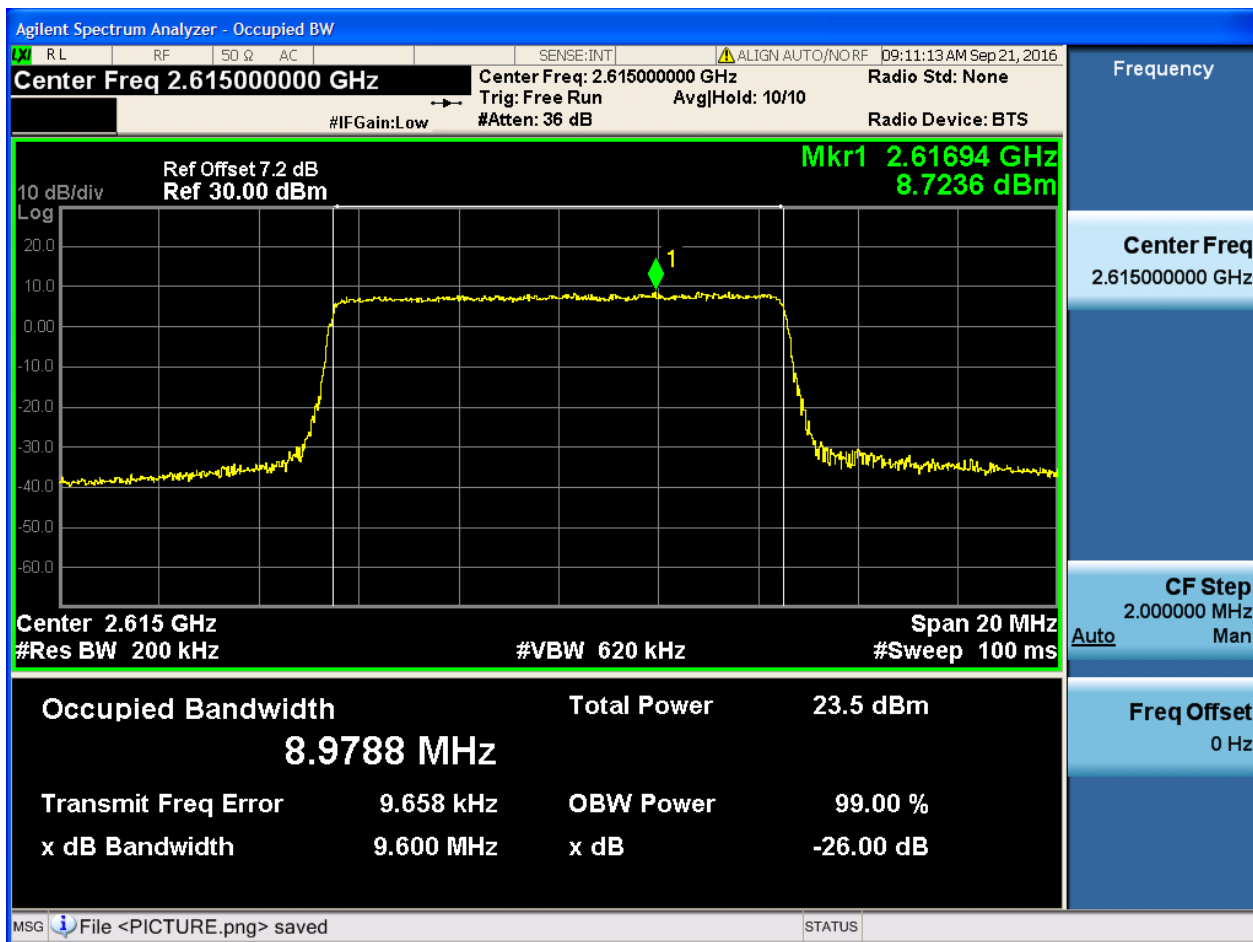
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

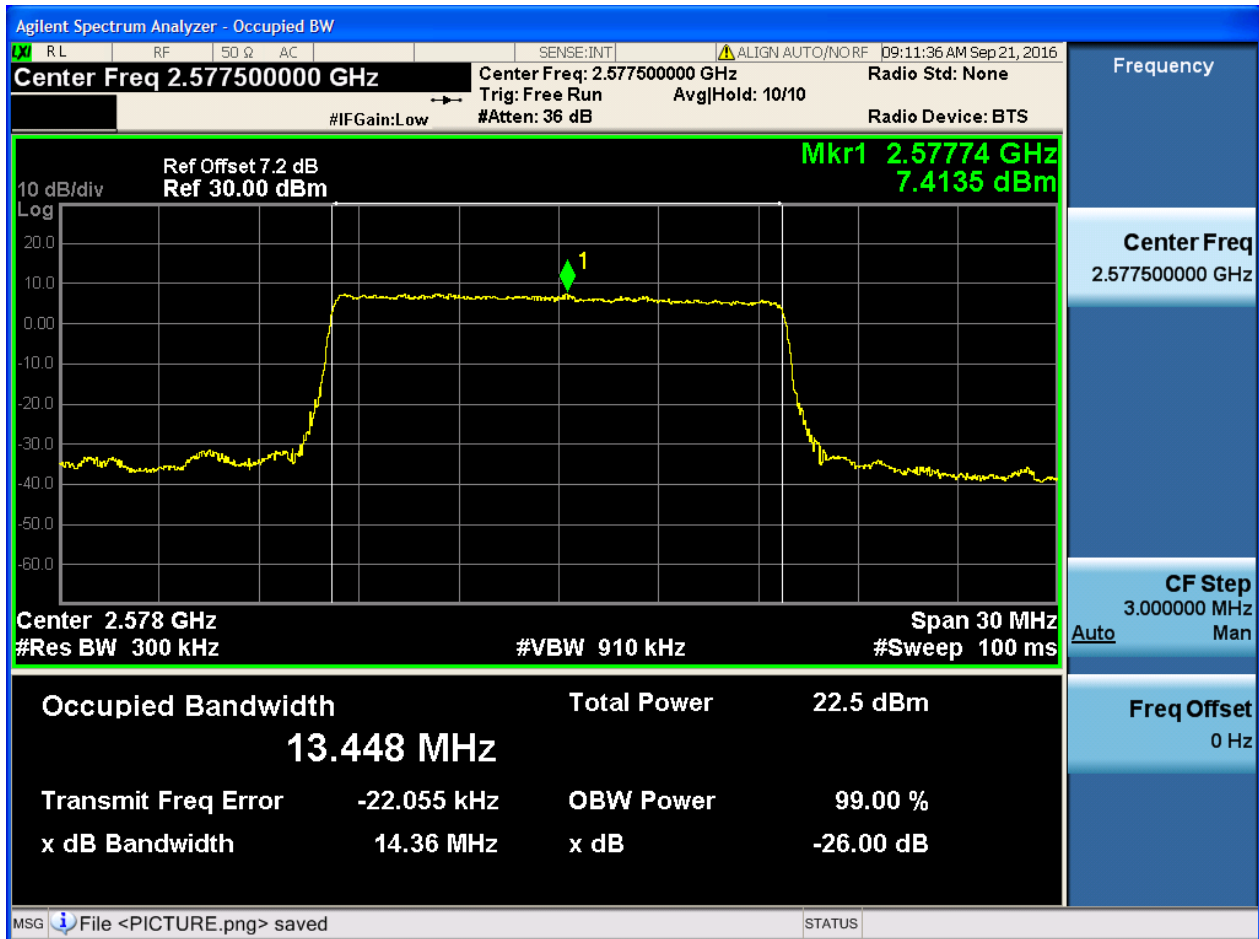




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

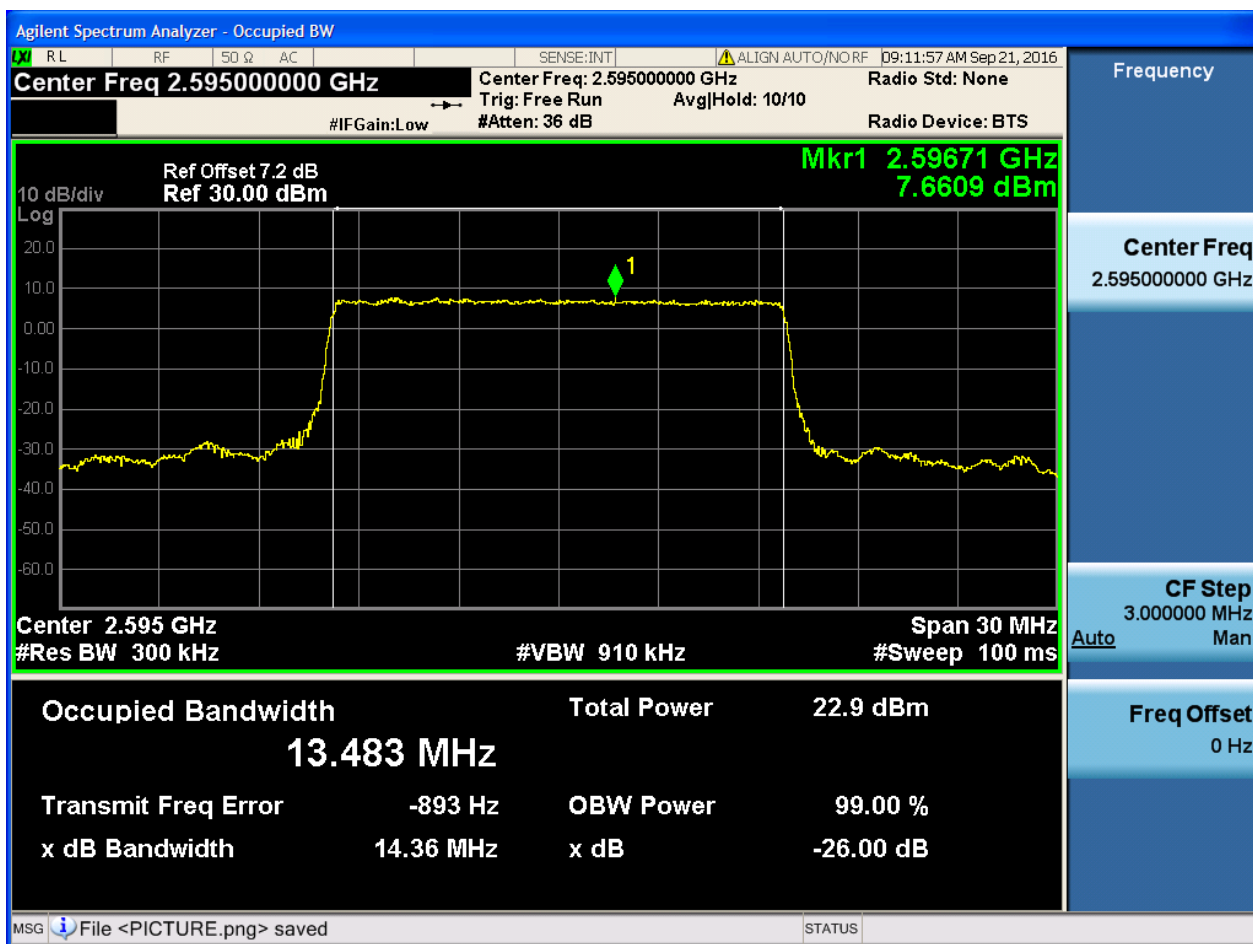
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

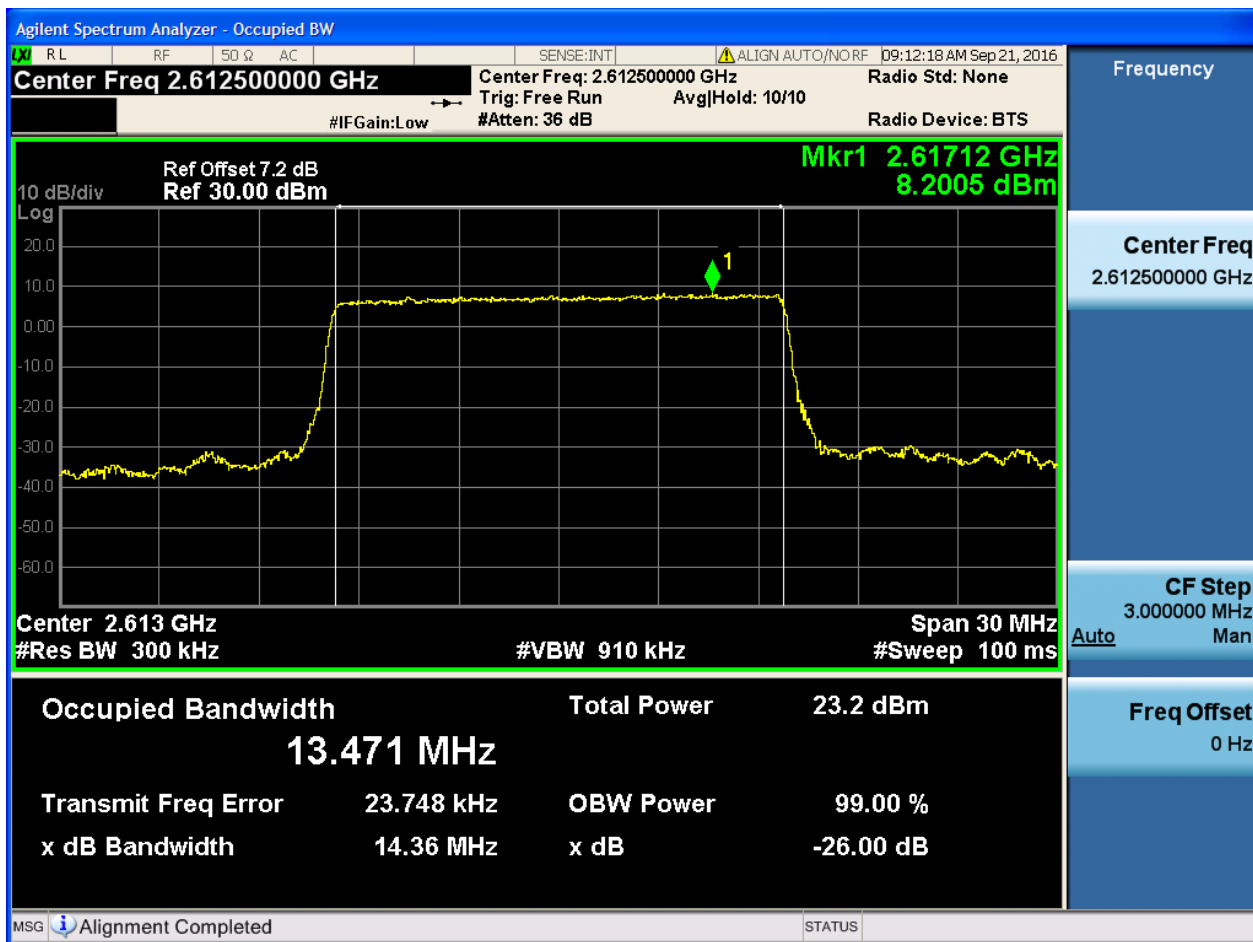
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

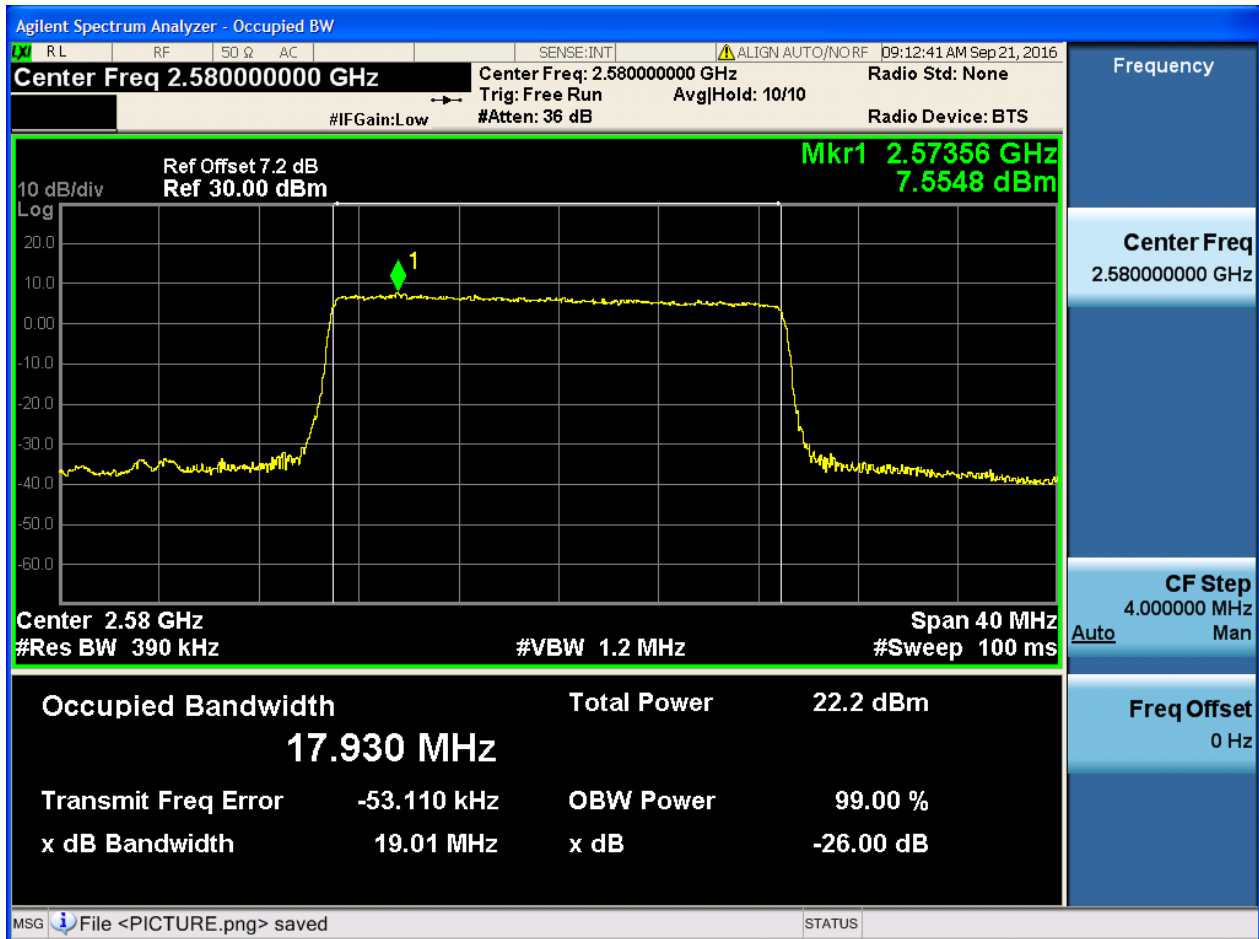




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

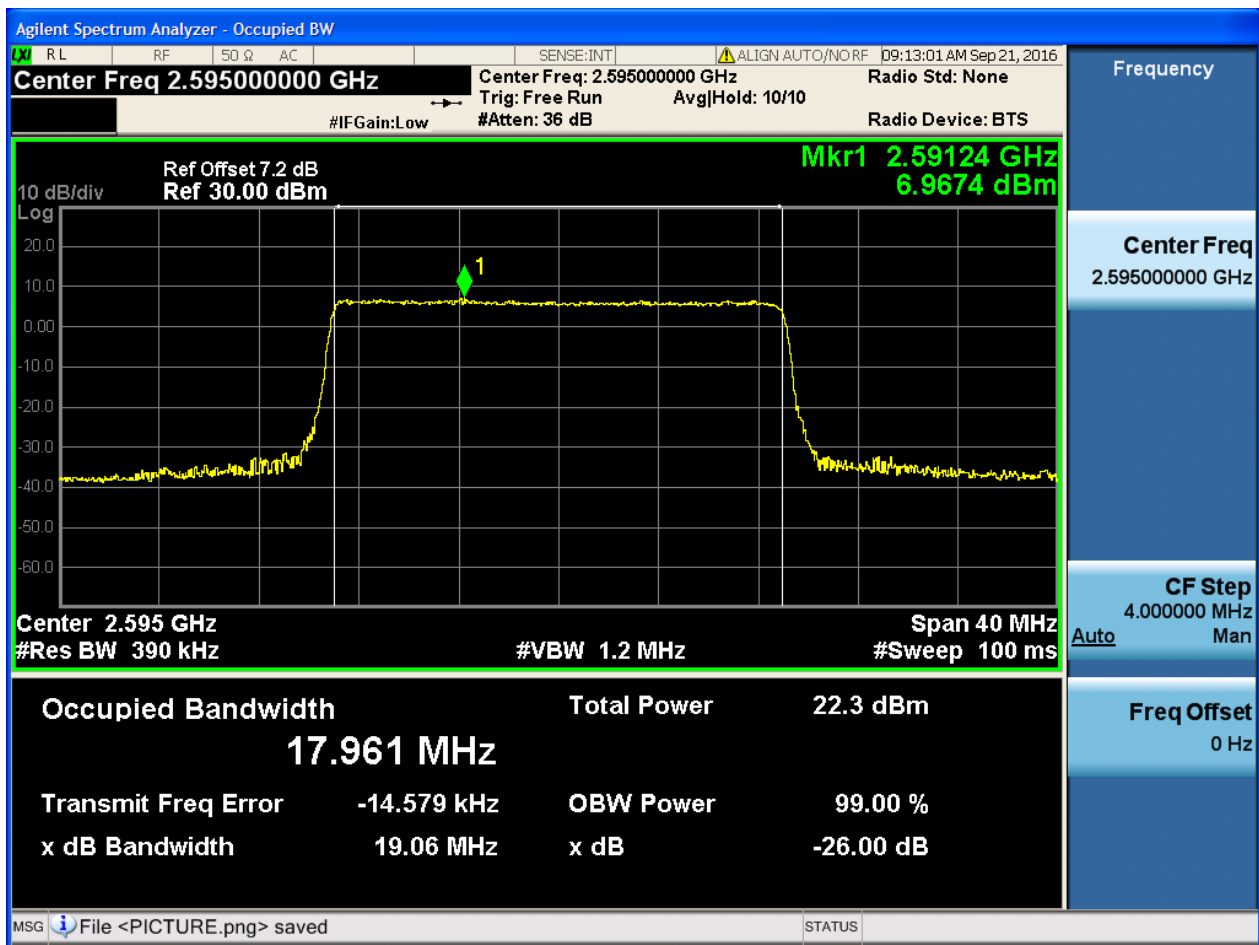
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

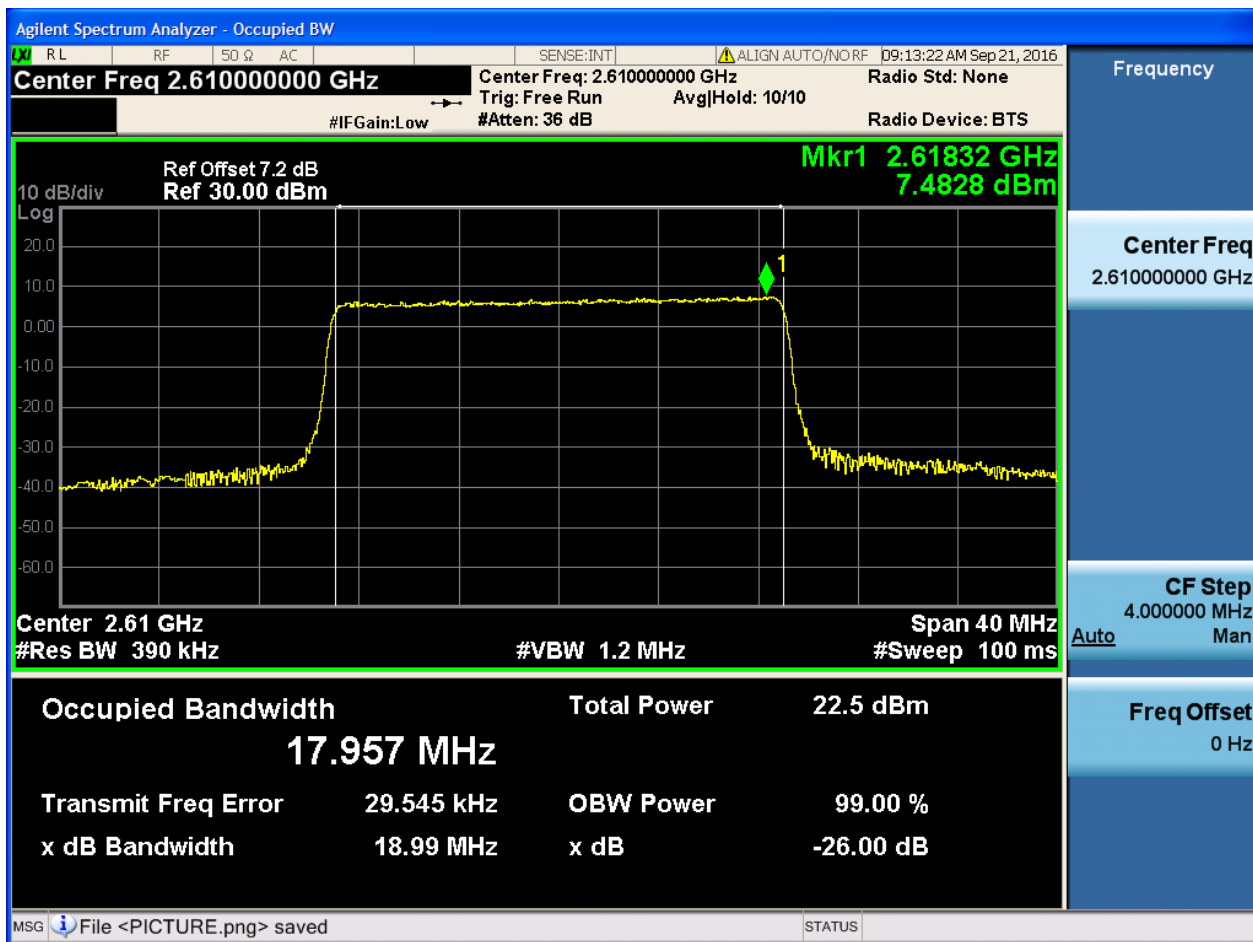
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



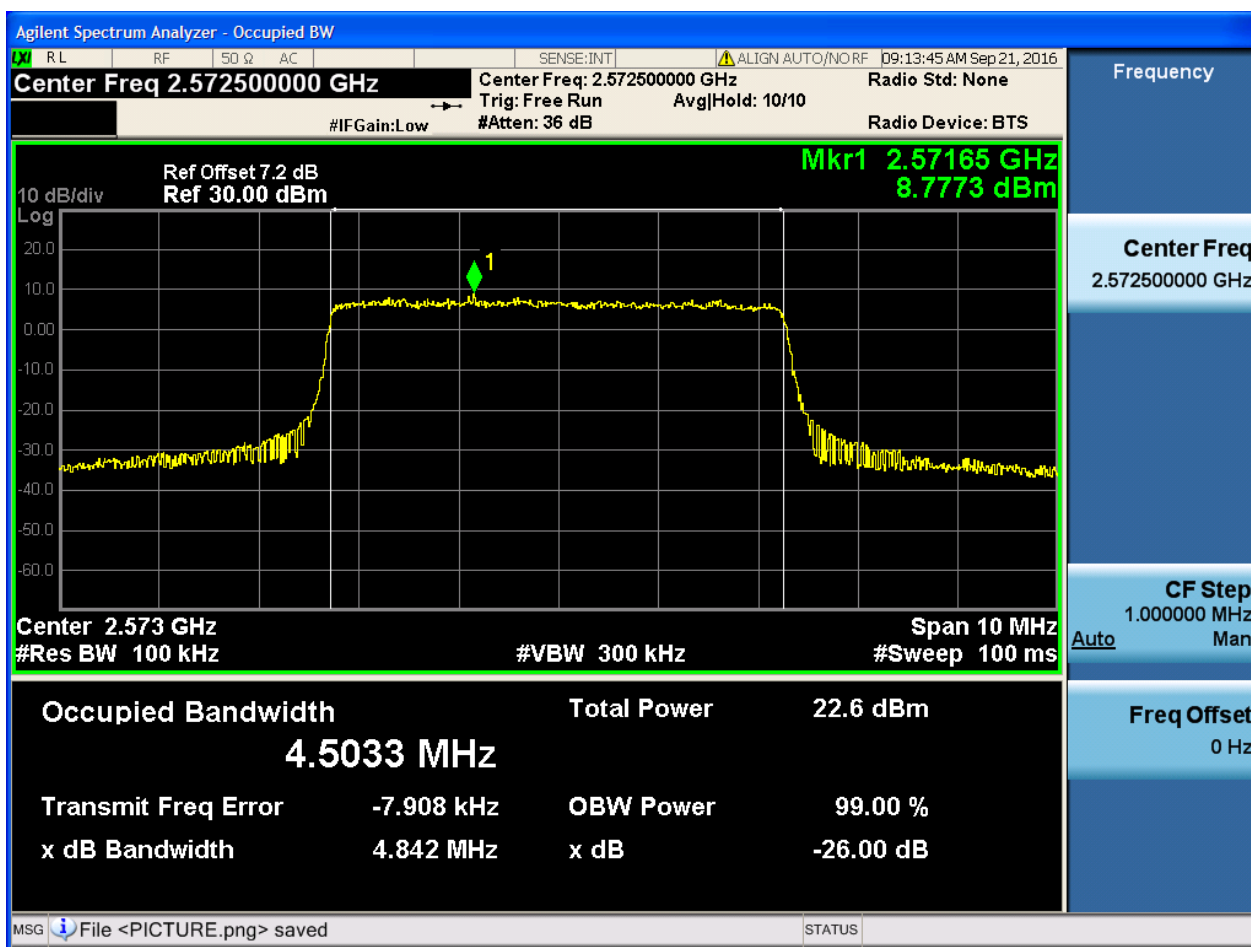


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

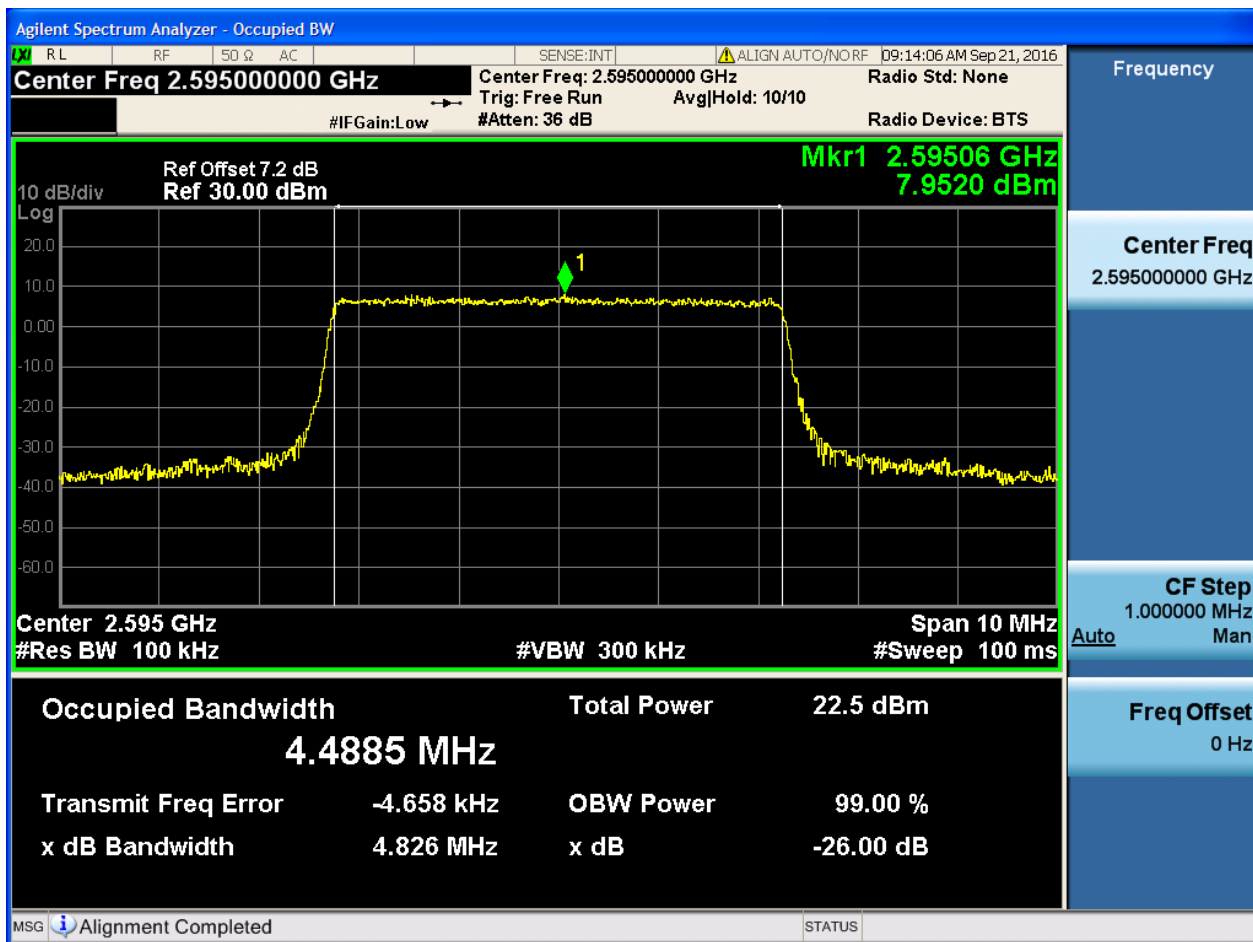
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

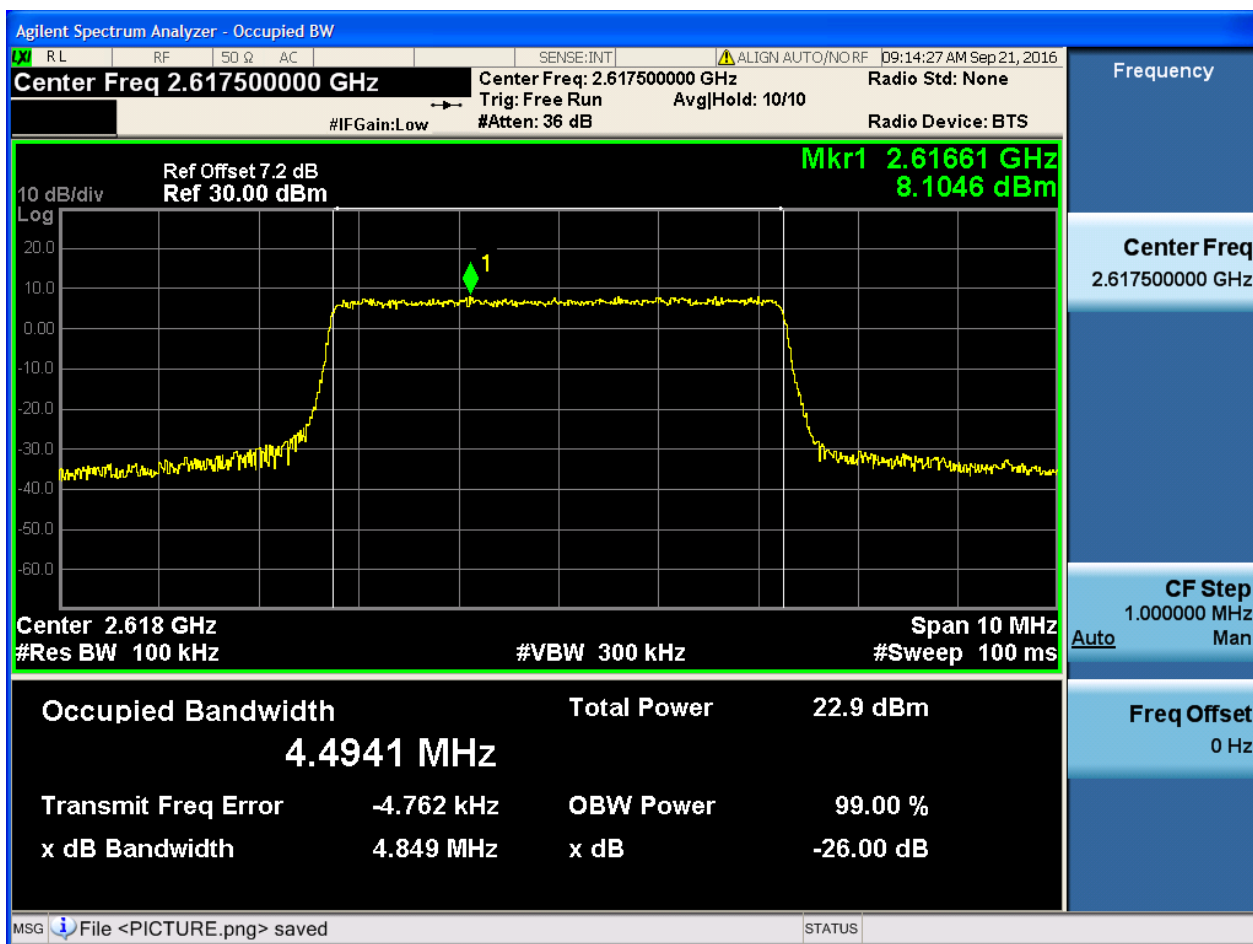
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

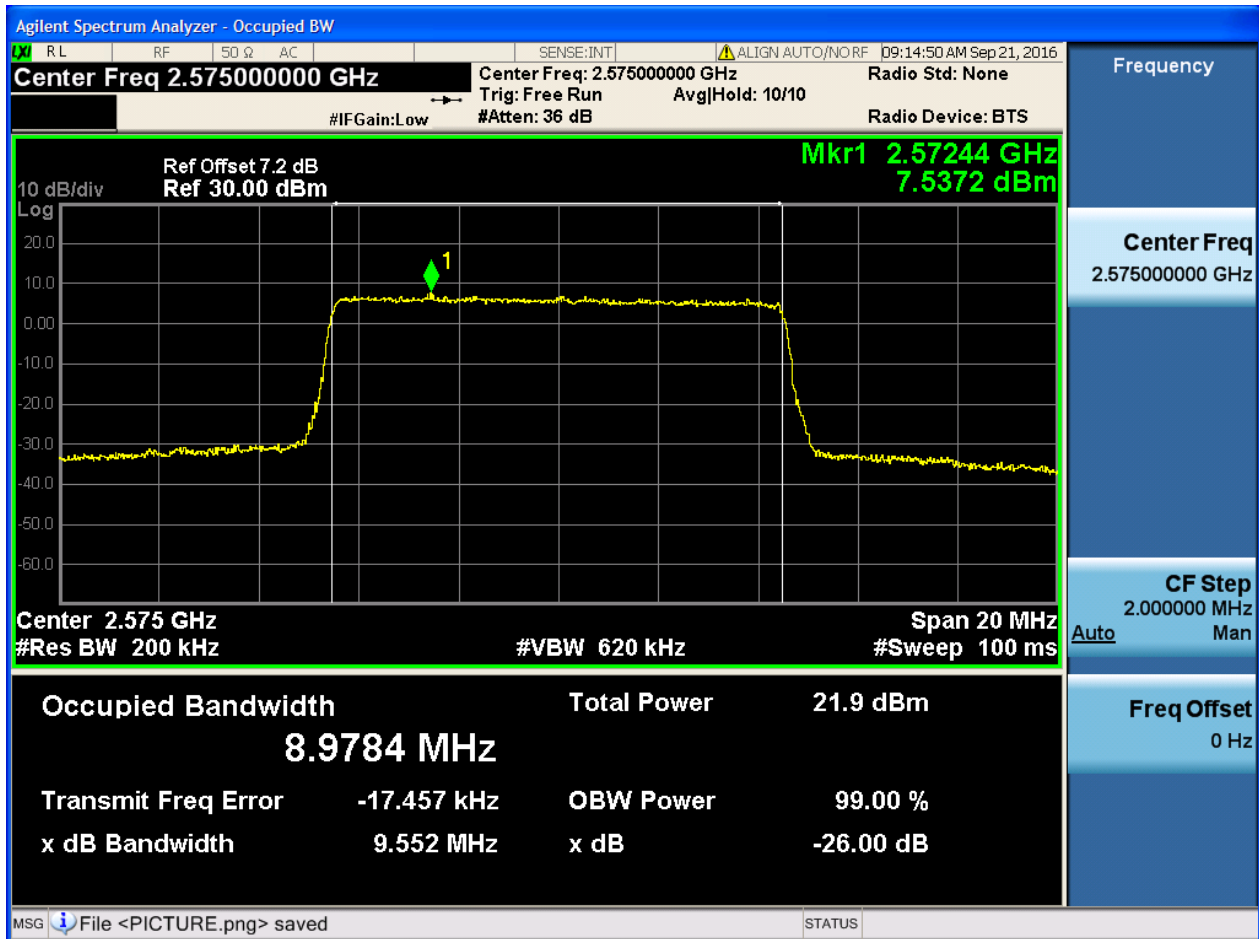




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

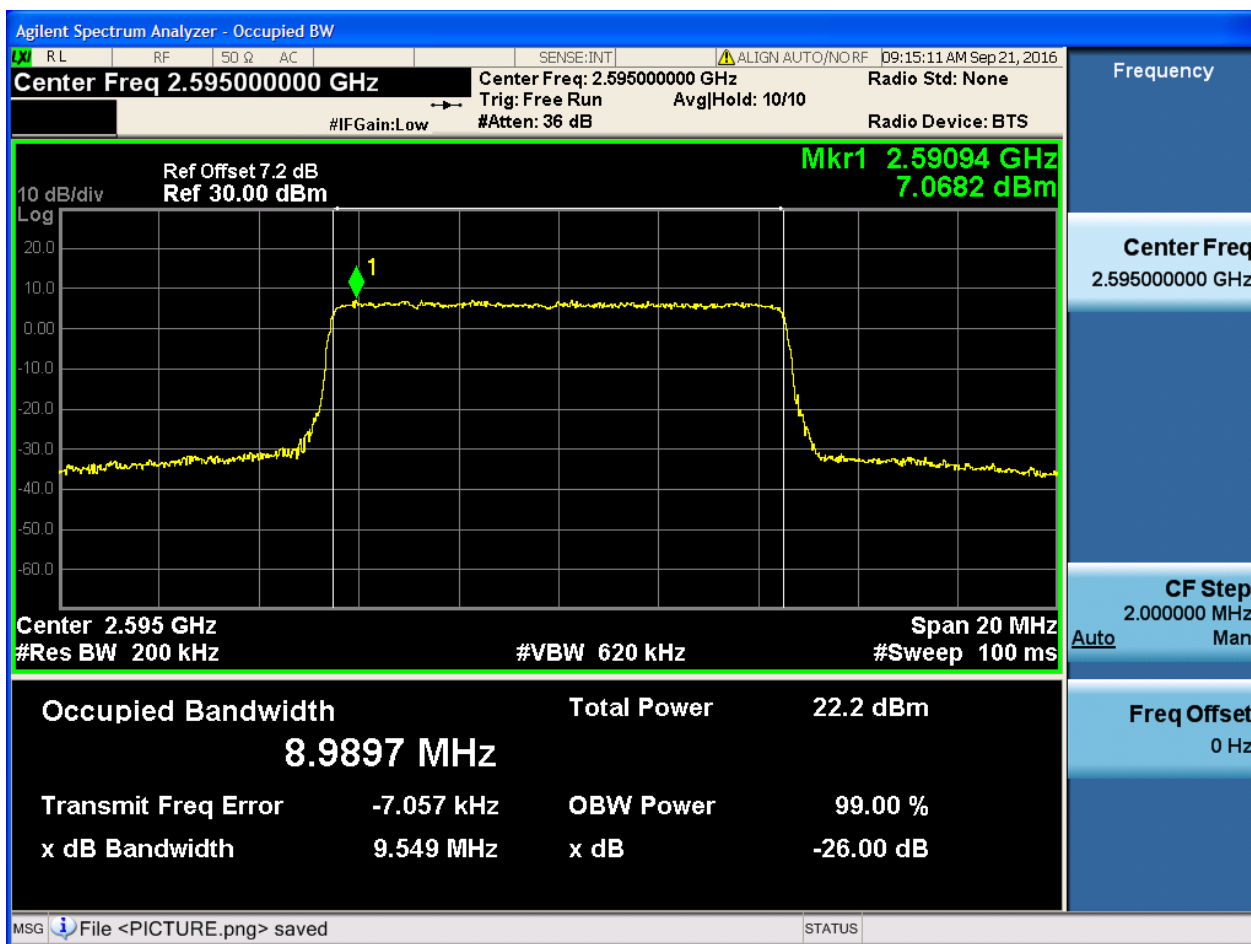
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

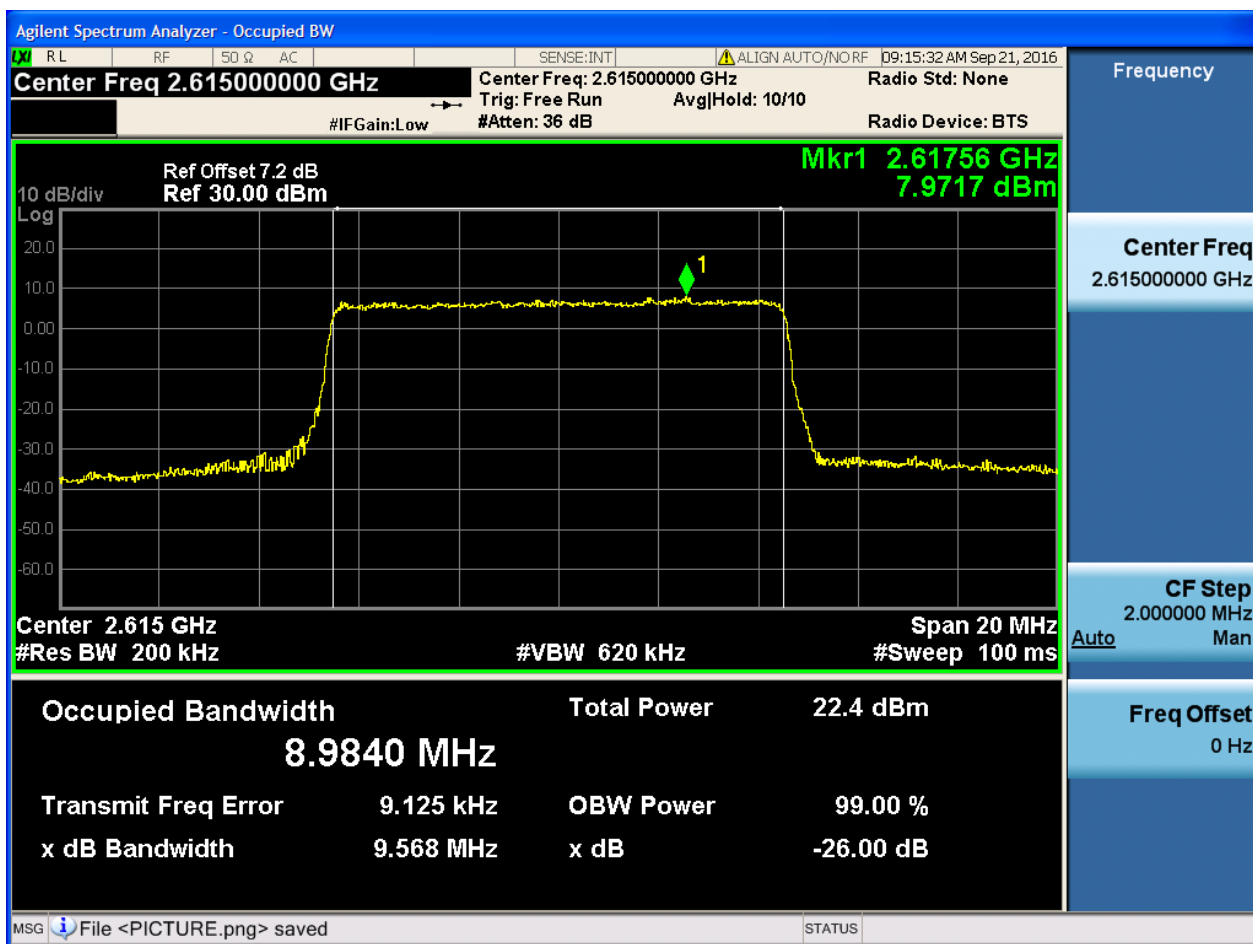
4.1.1.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

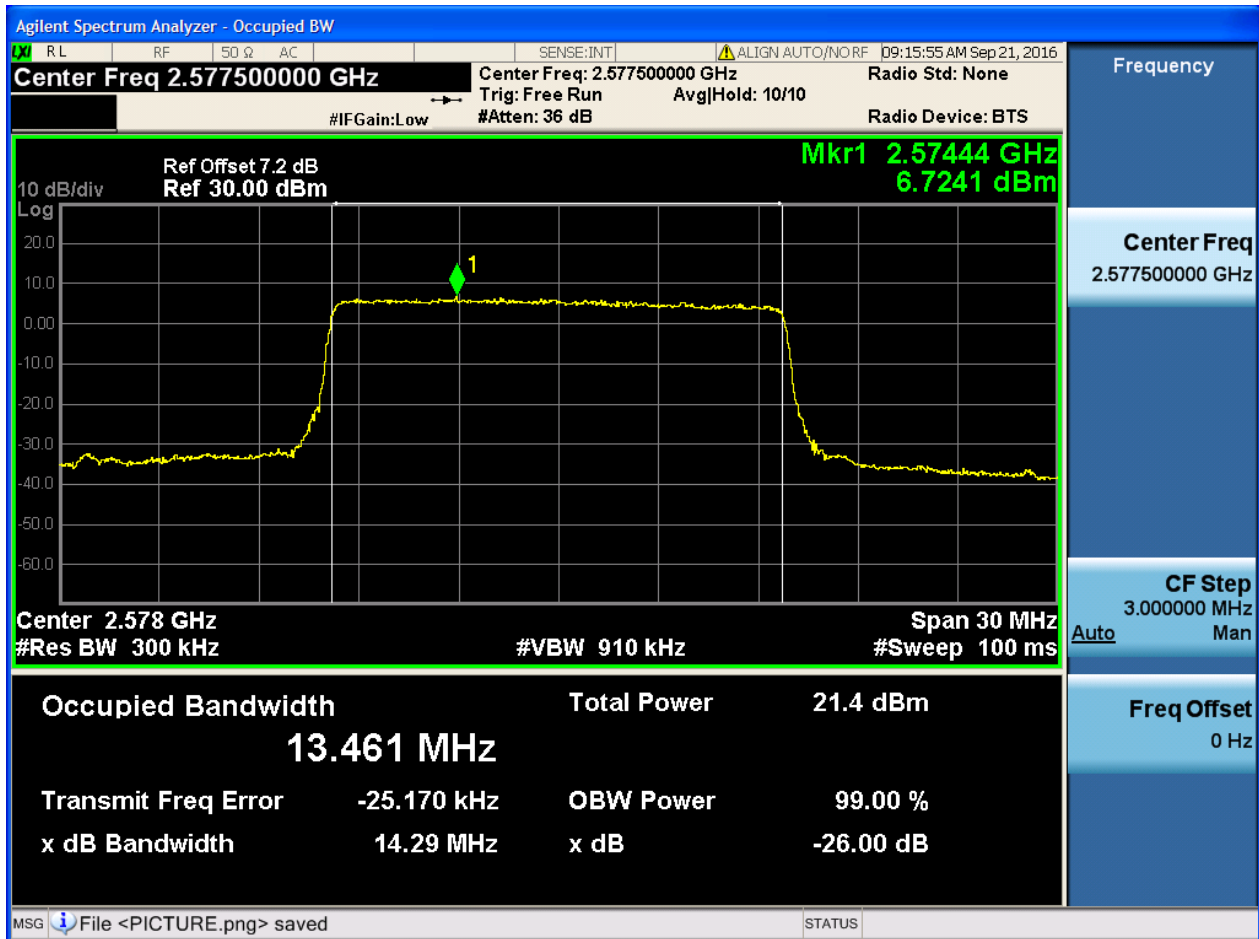




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

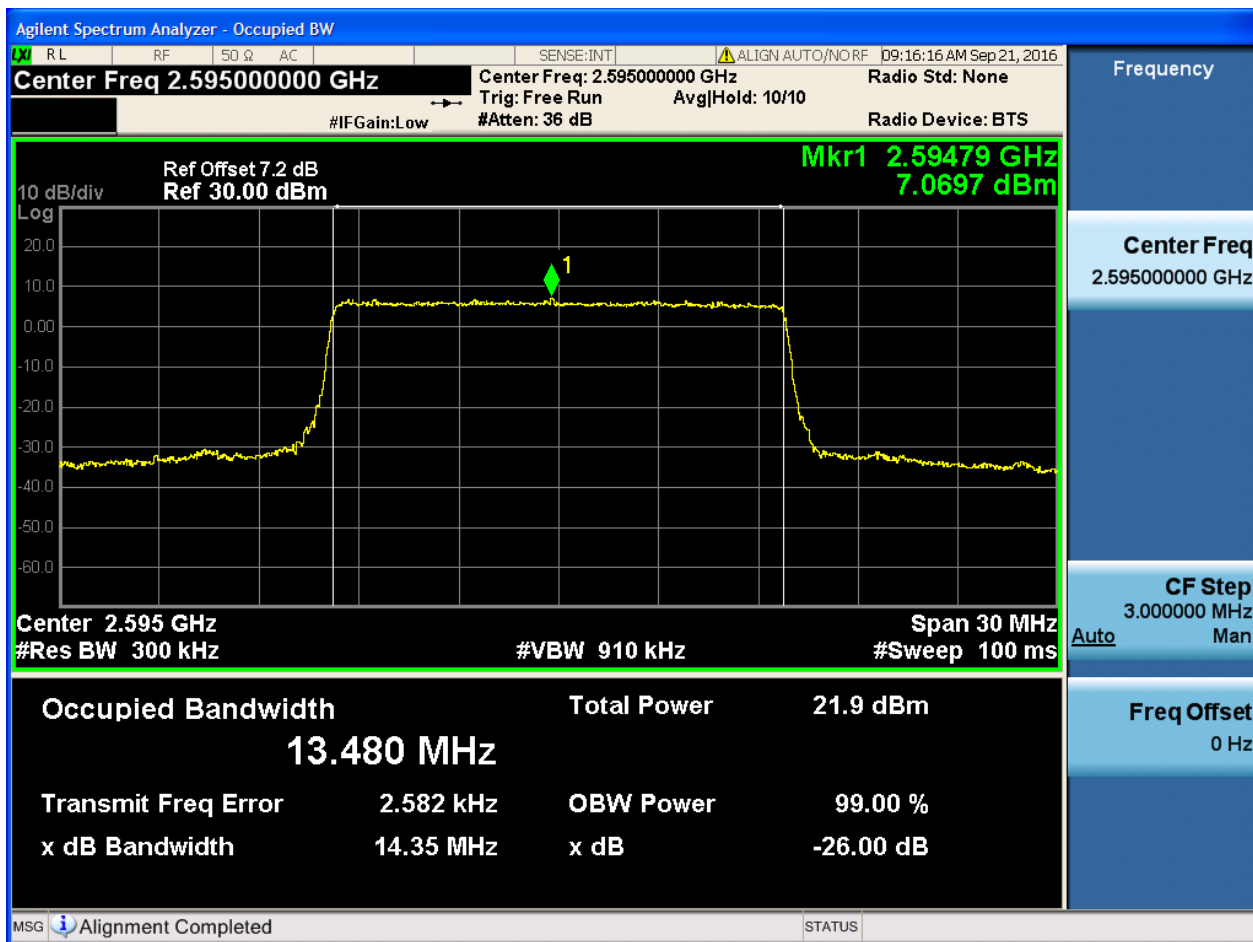
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

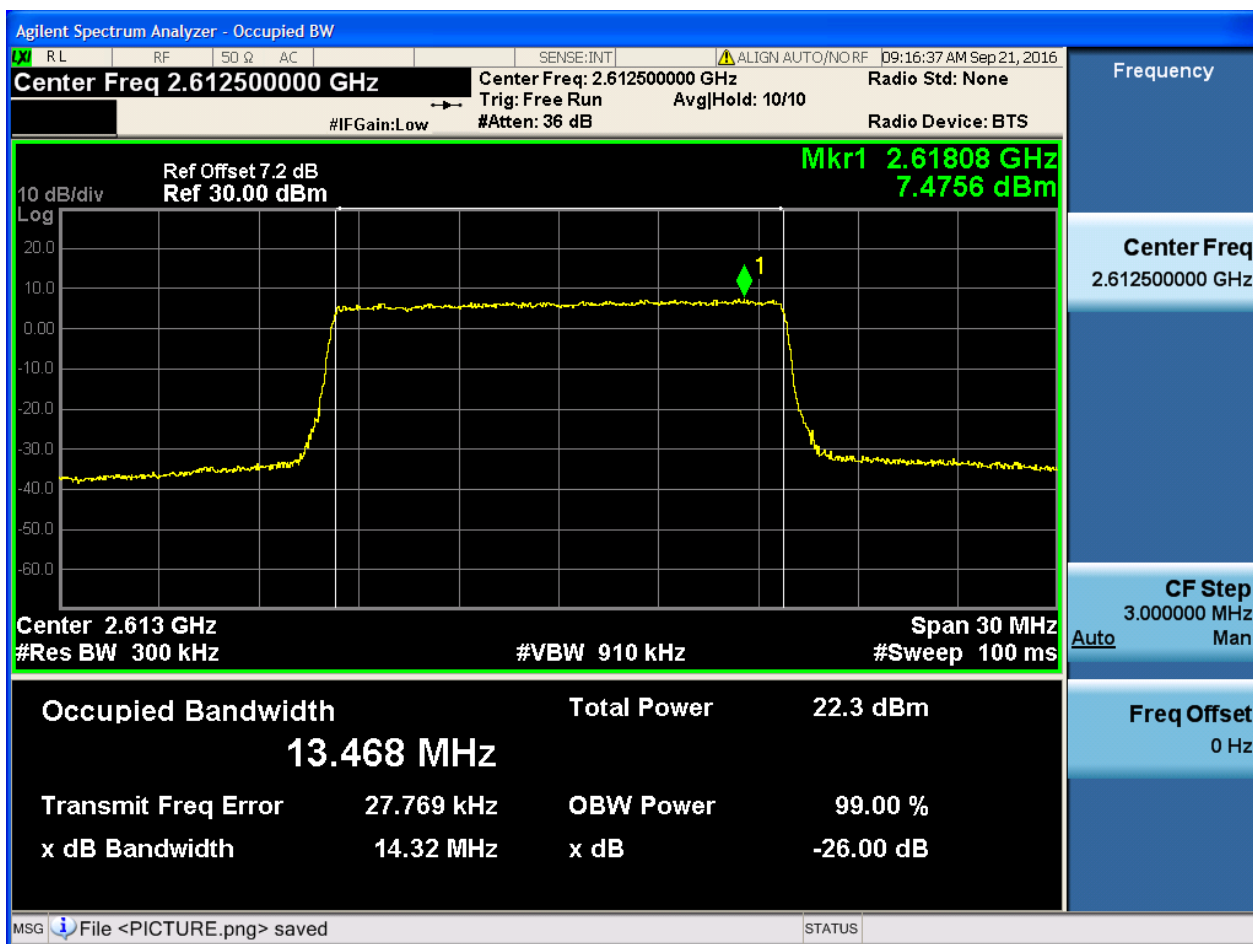
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

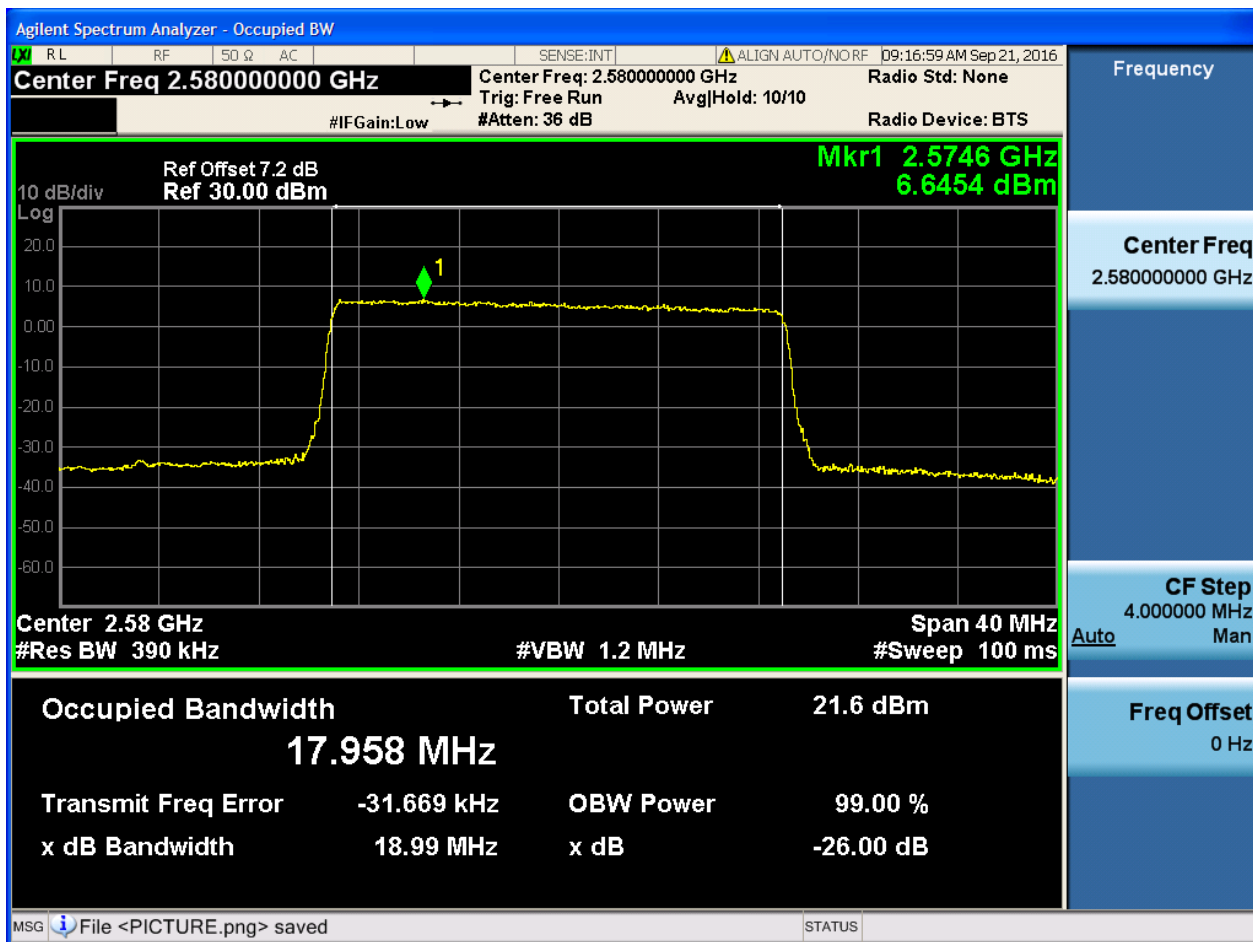




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

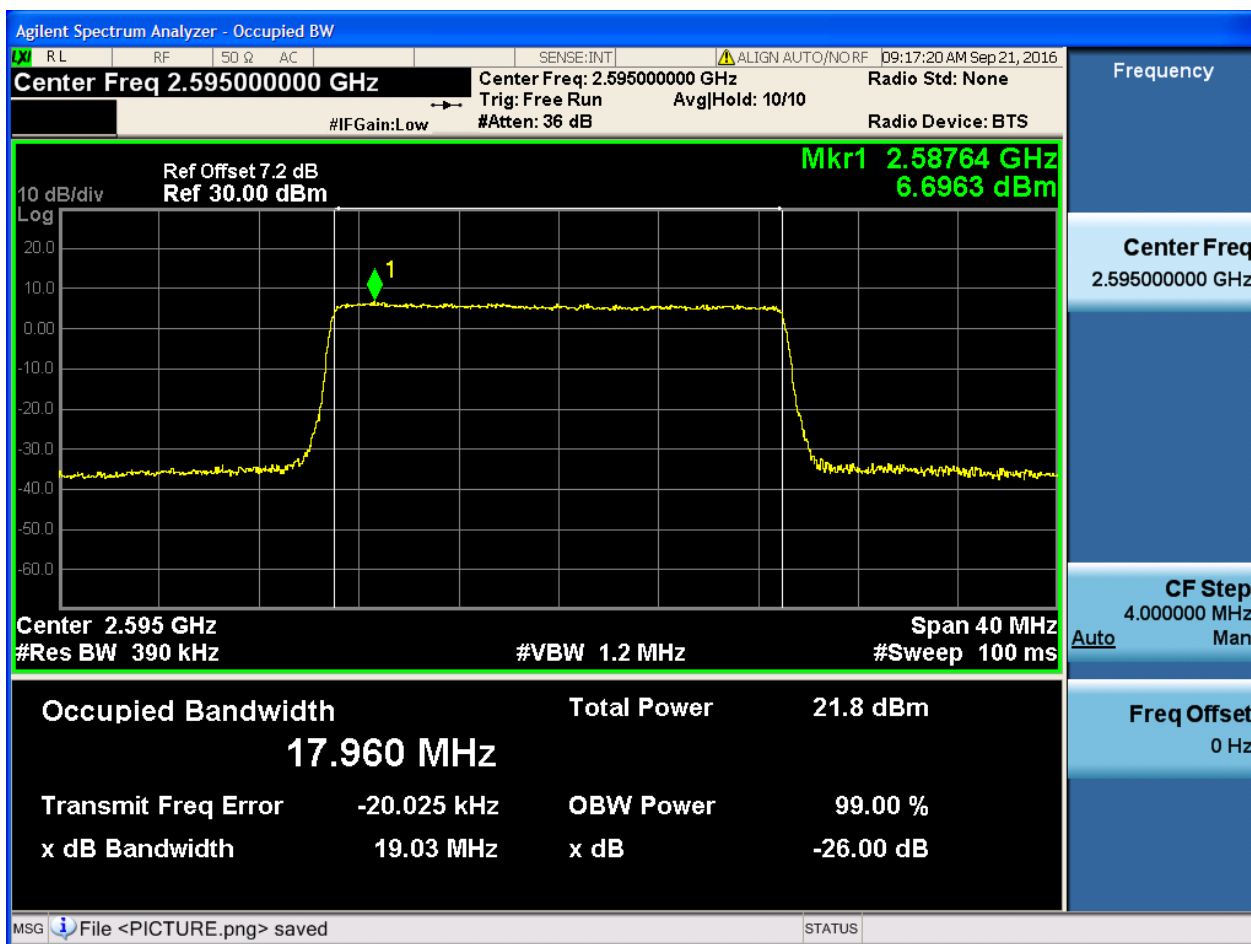
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

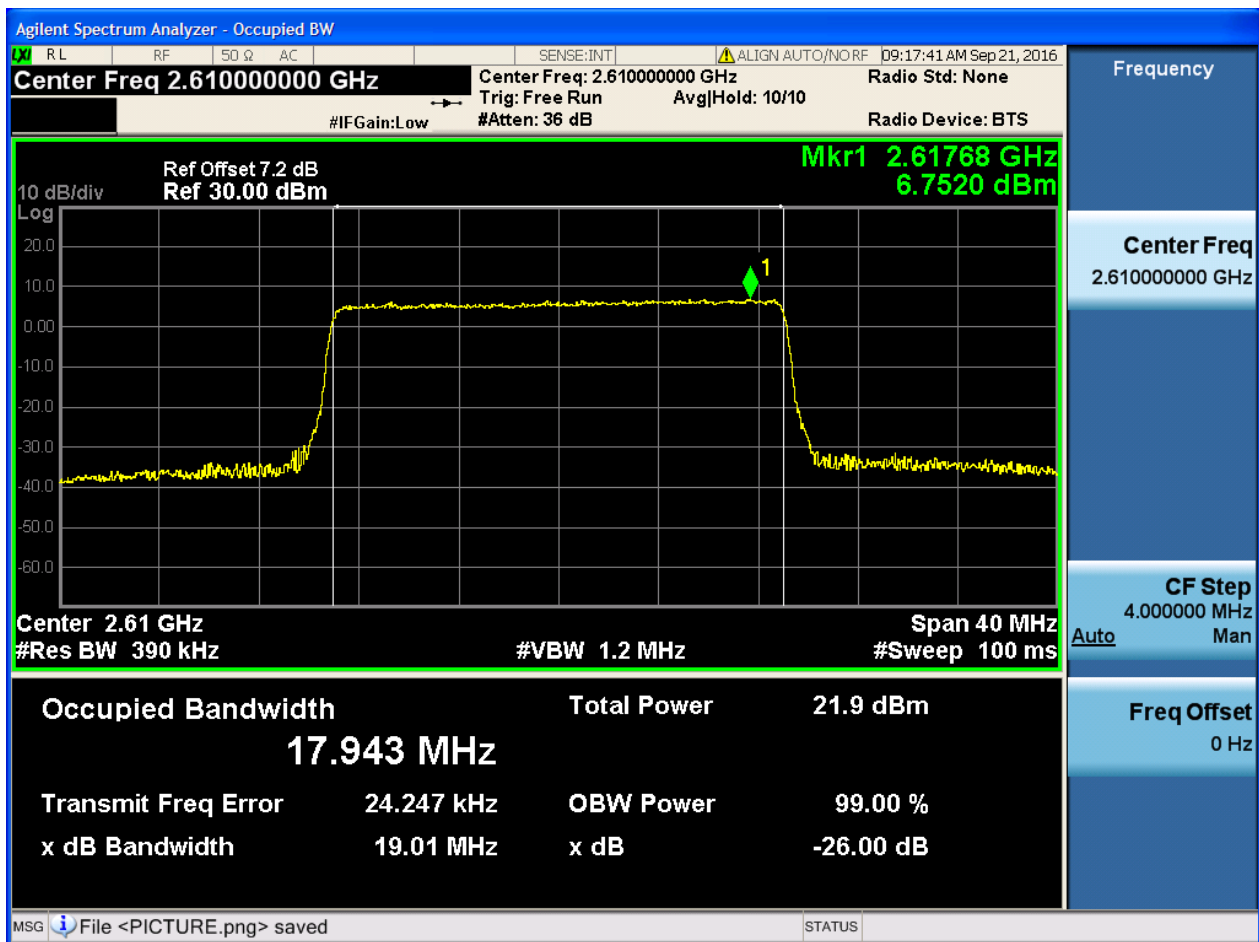
4.1.1.2.4.2.1 Test RB = RB100#0





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

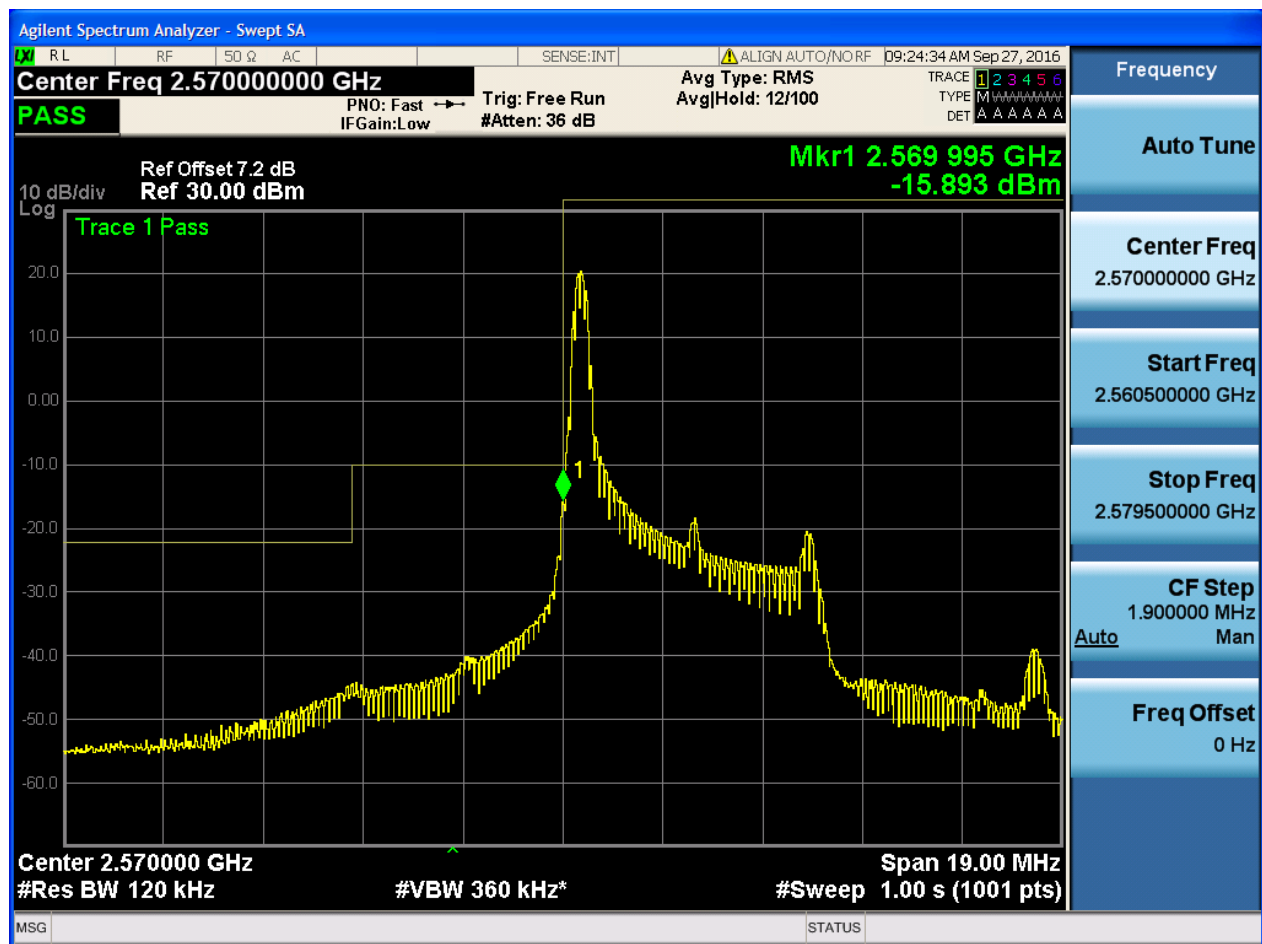
5.1.1 Test Band = BAND38

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

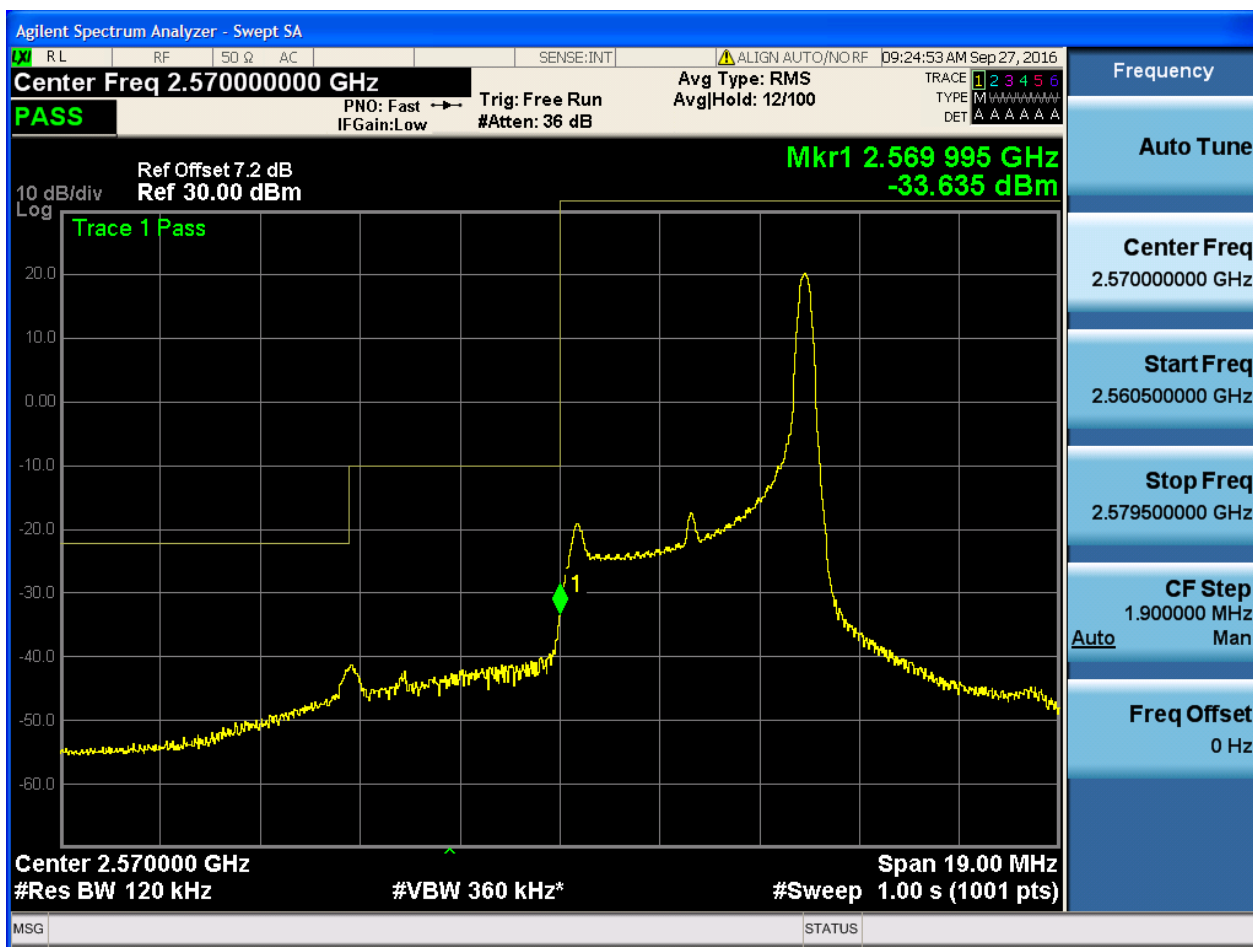
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#24



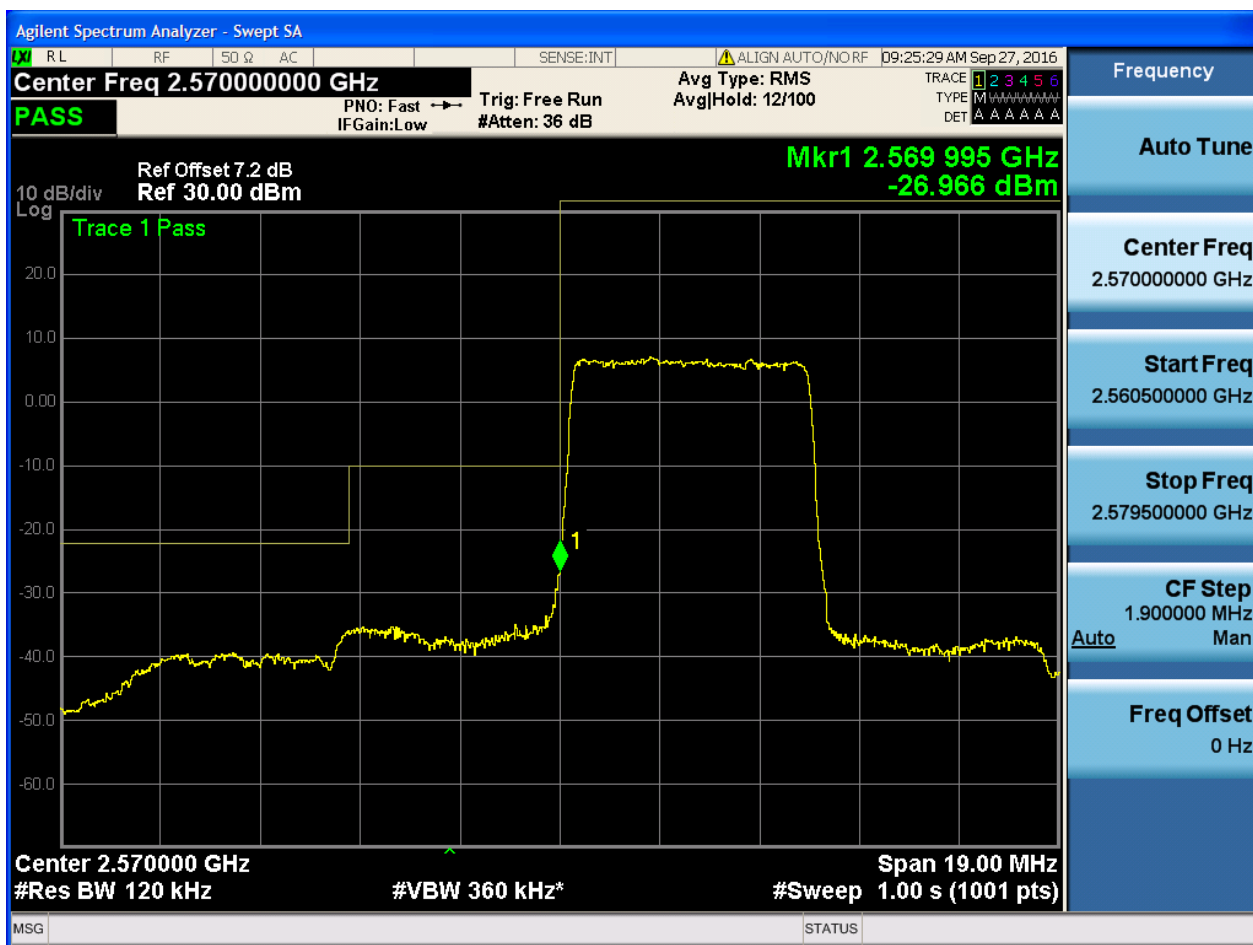


5.1.1.1.1.3 Test RB = RB12#6



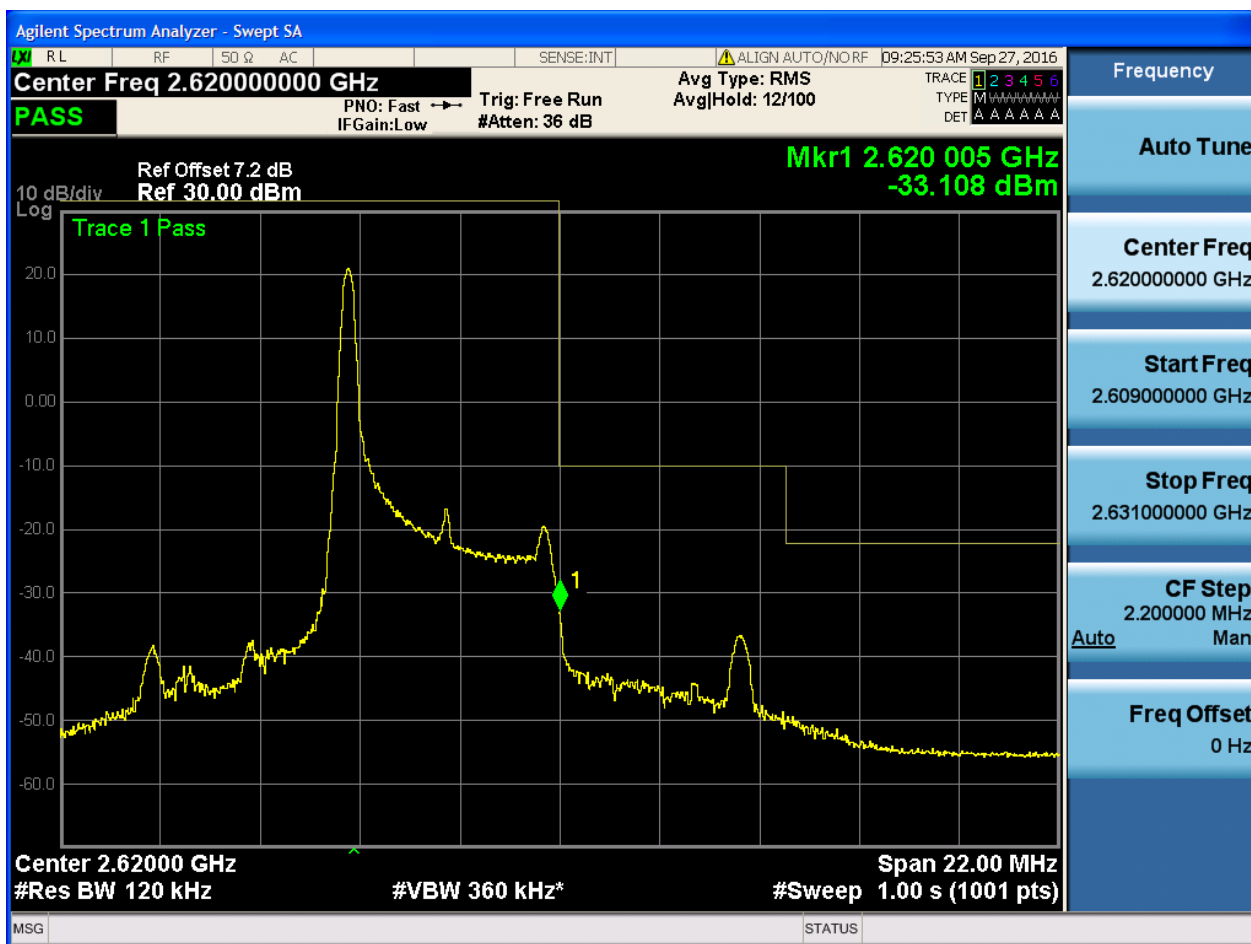


5.1.1.1.1.4 Test RB = RB25#0



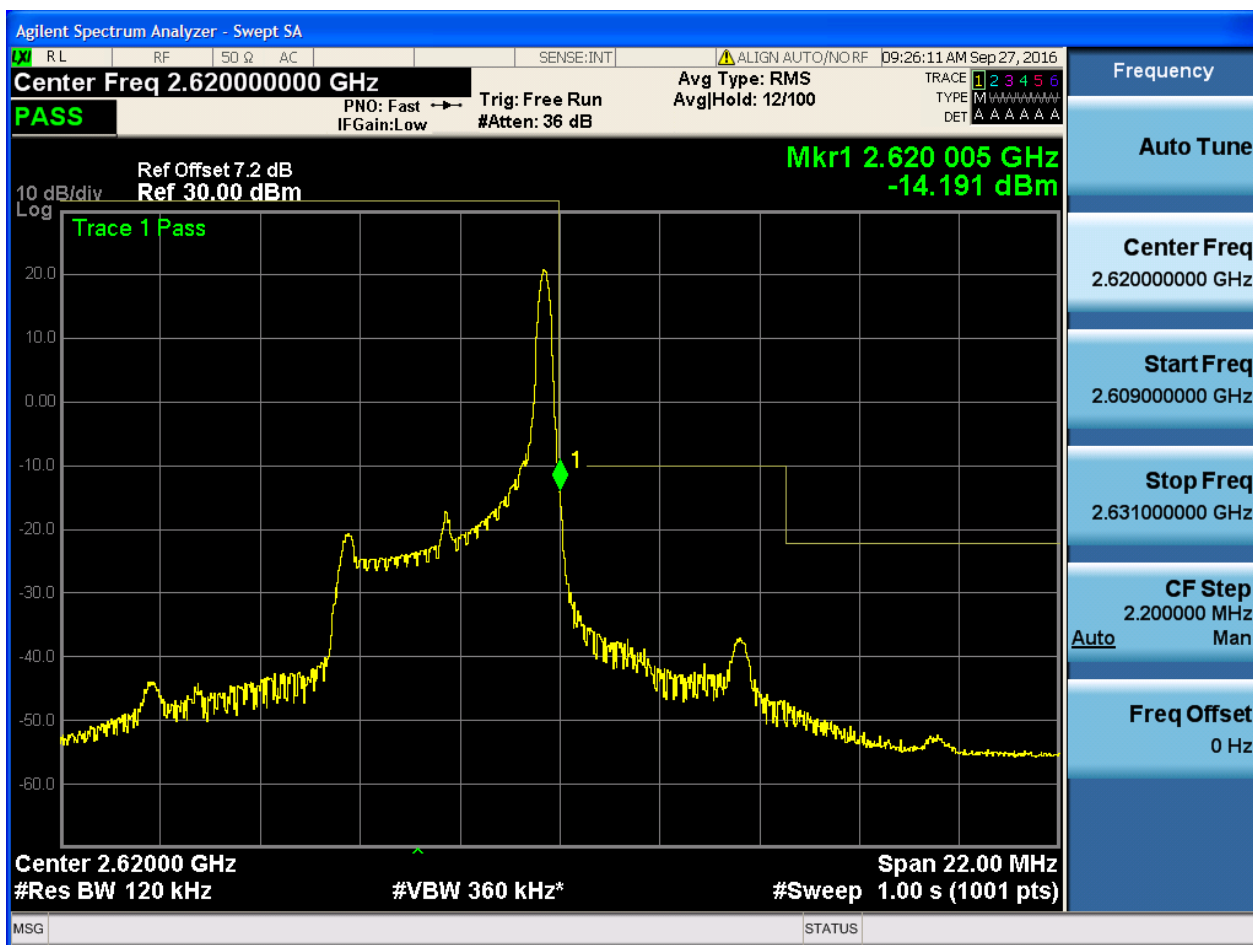
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



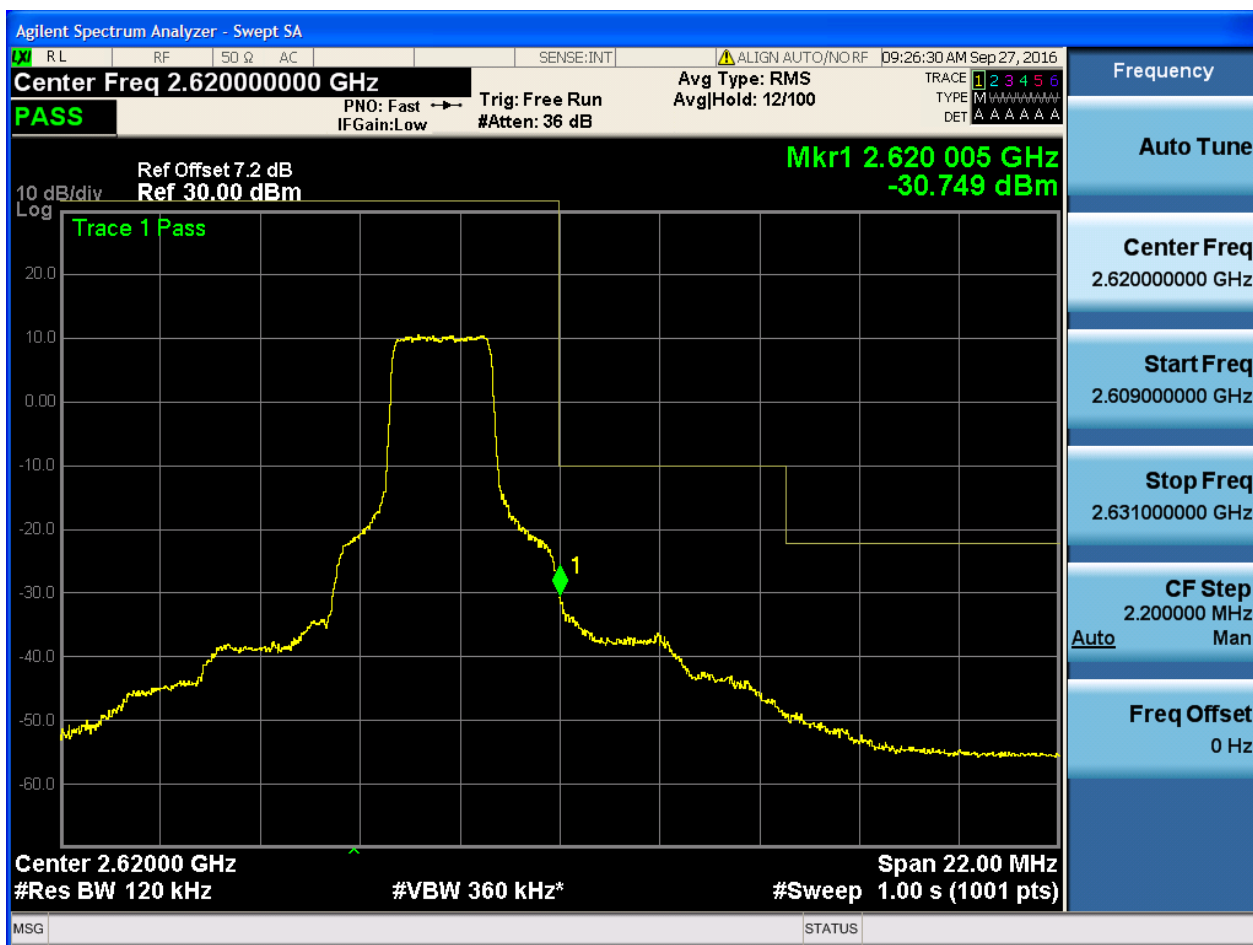


5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.62000000 GHz

PASS

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.620 005 GHz
-24.320 dBm

Trace 1 Pass

Center 2.6200 GHz
#Res BW 120 kHz

Span 22.00 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
2.62000000 GHz

Start Freq
2.609000000 GHz

Stop Freq
2.631000000 GHz

CF Step
2.200000 MHz
Man

Freq Offset
0 Hz

10 dB/div
Log

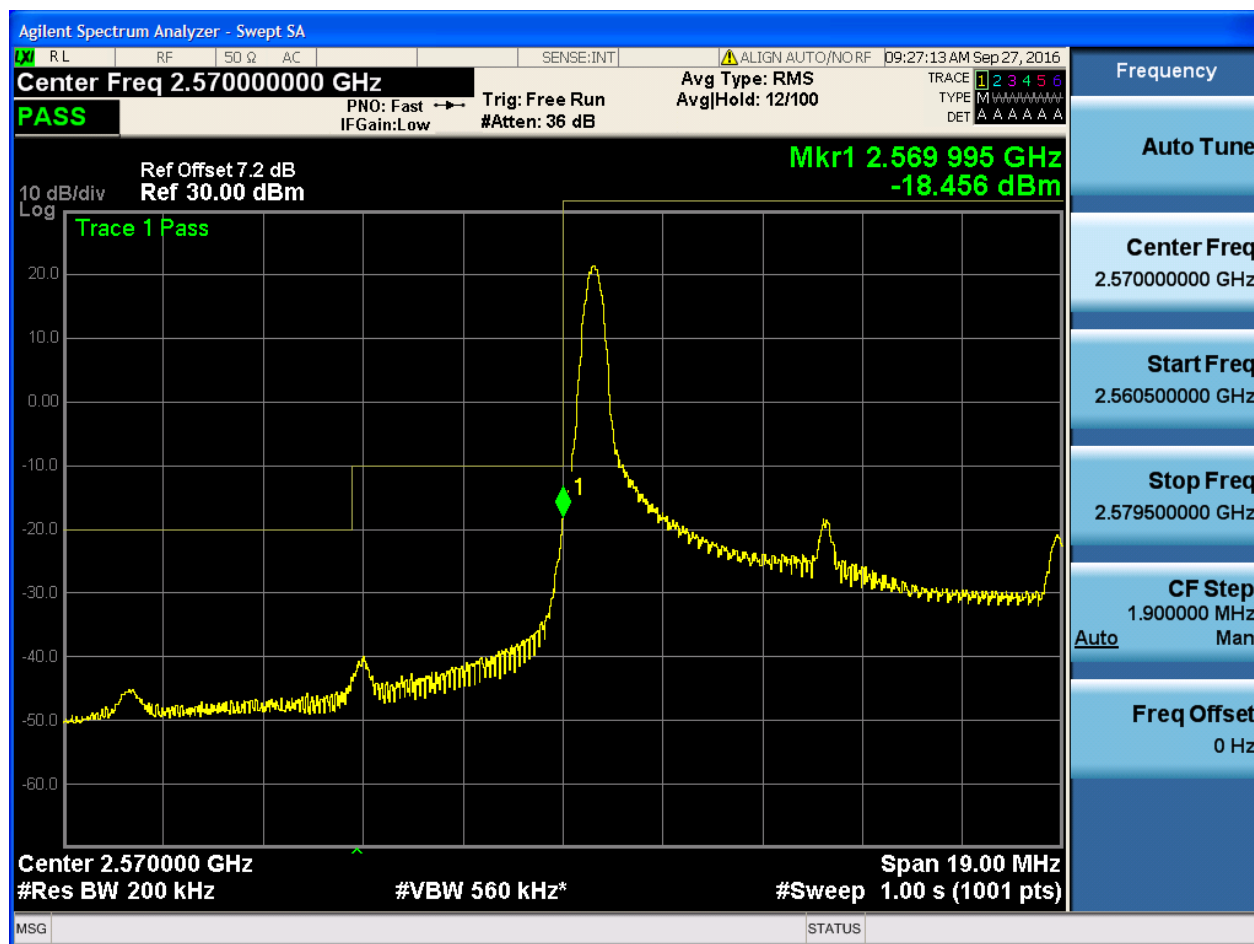
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

MSG STATUS

5.1.1.1.2 Test Bandwidth = 10

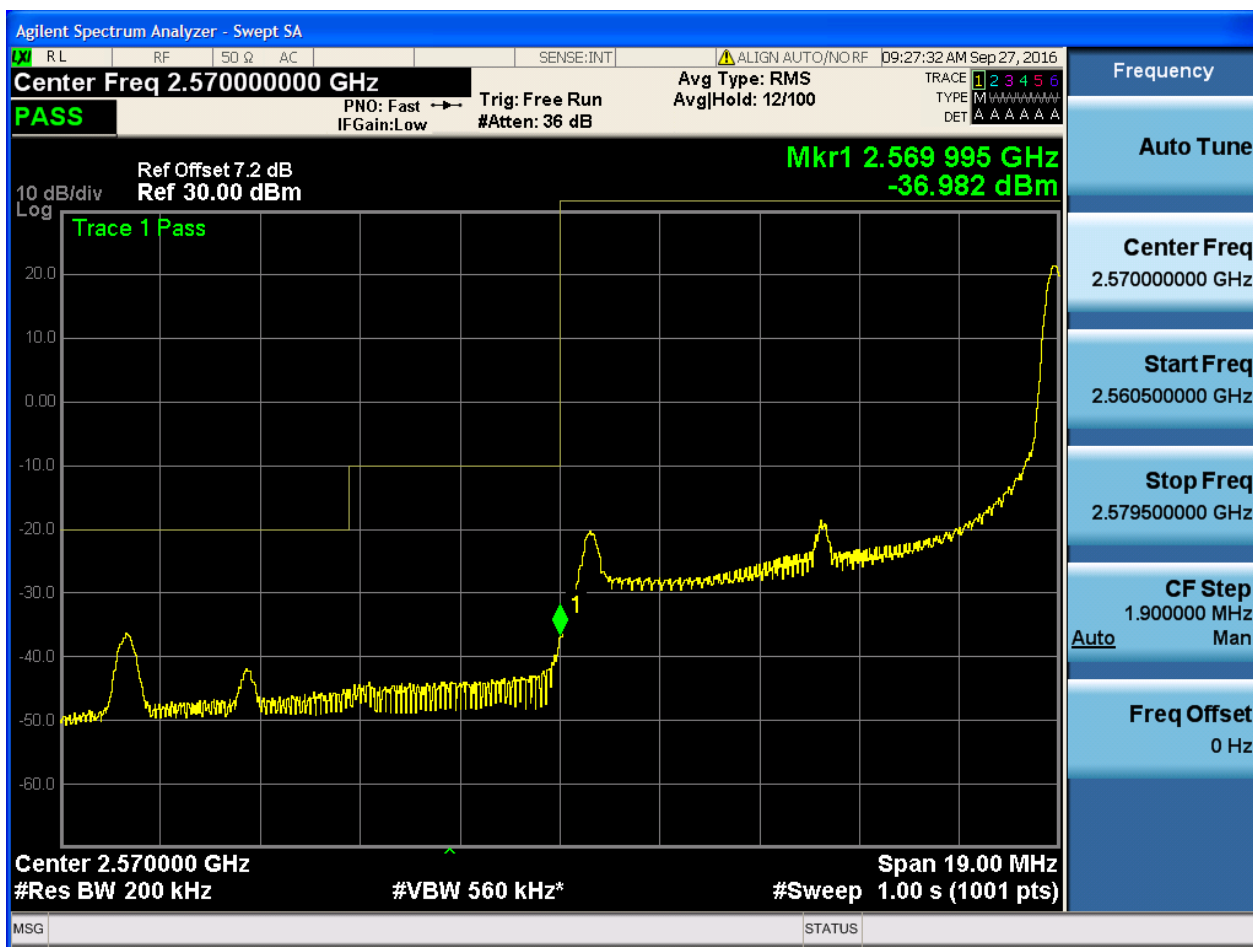
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#49



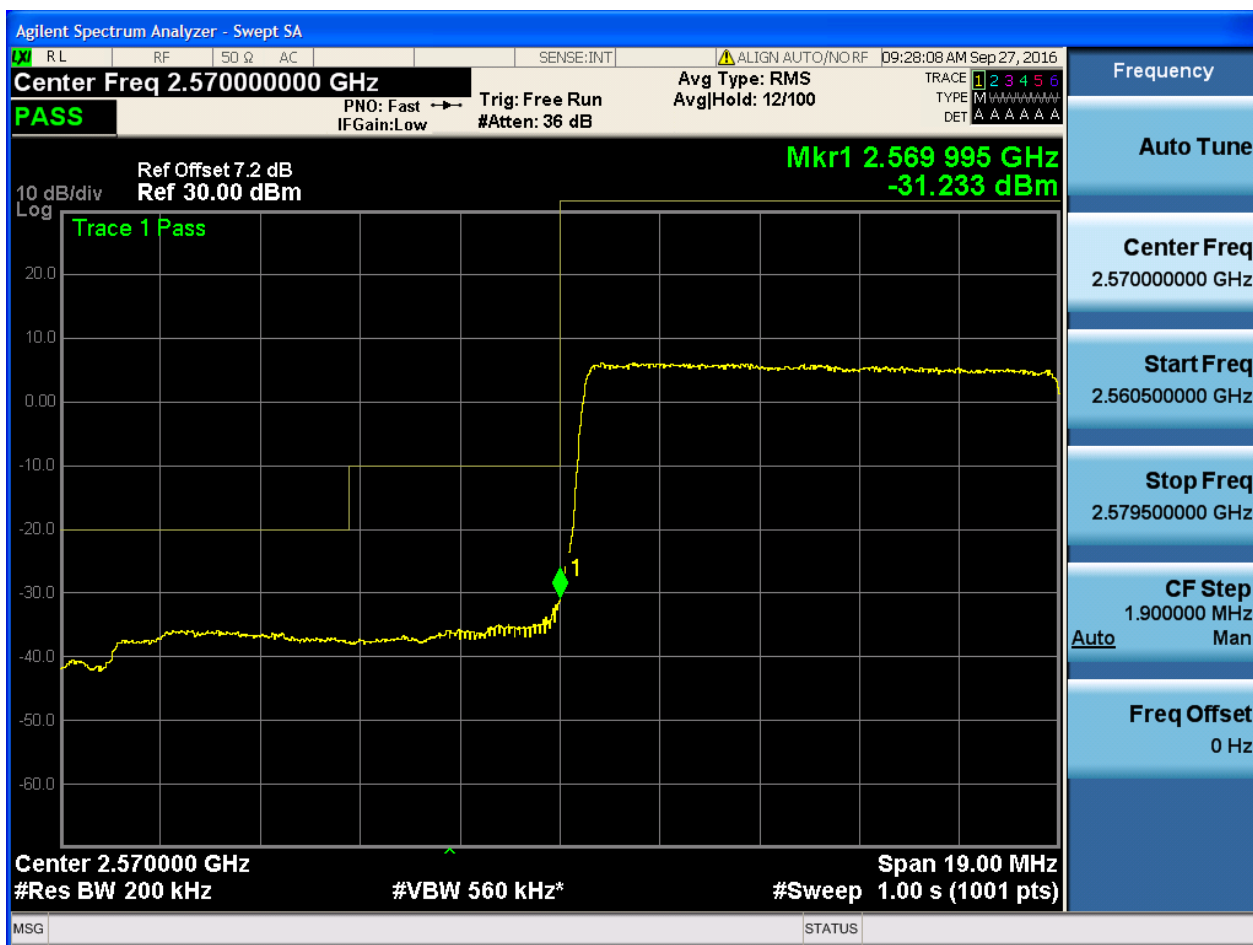


5.1.1.1.2.1.3 Test RB = RB25#13





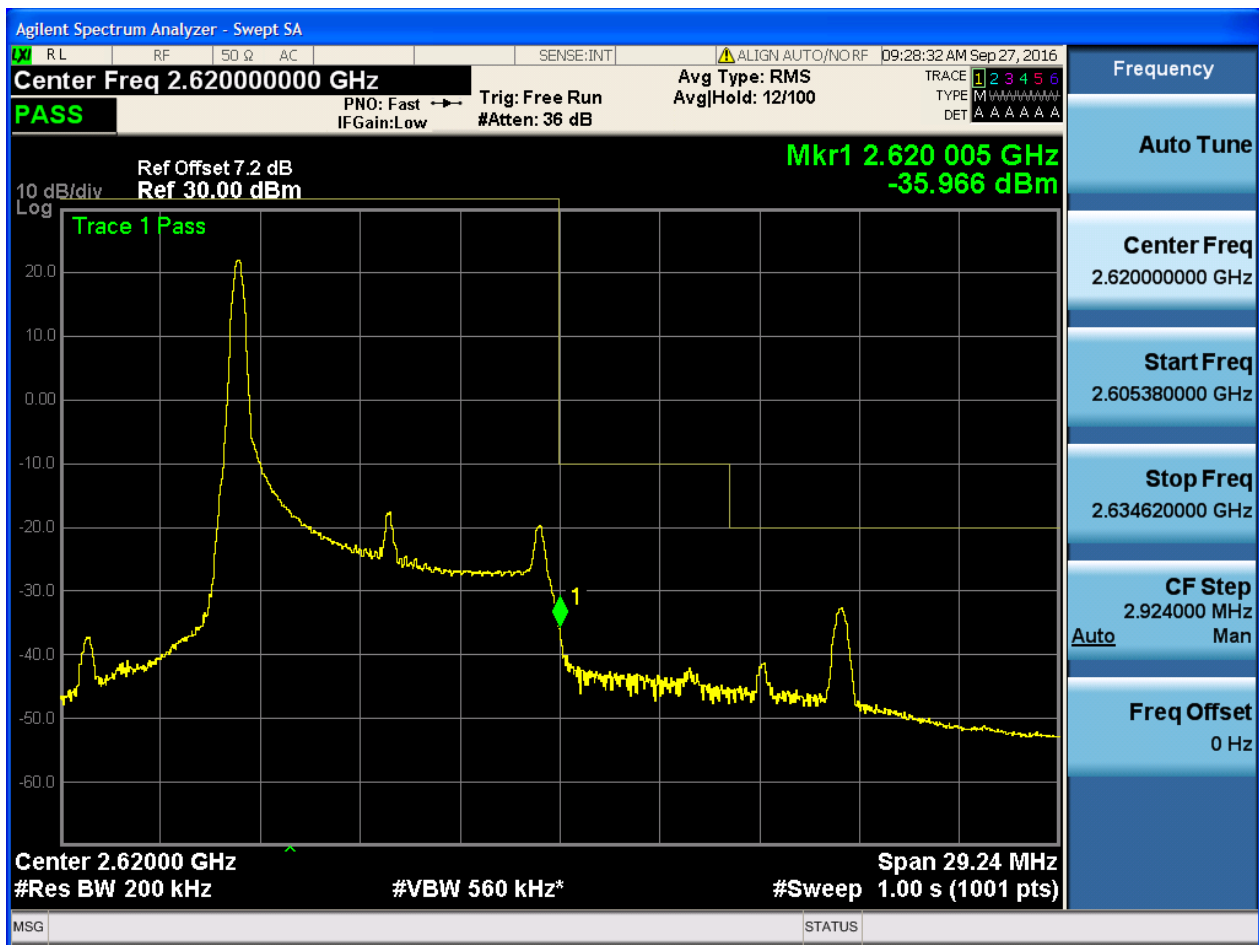
5.1.1.1.2.1.4 Test RB = RB50#0





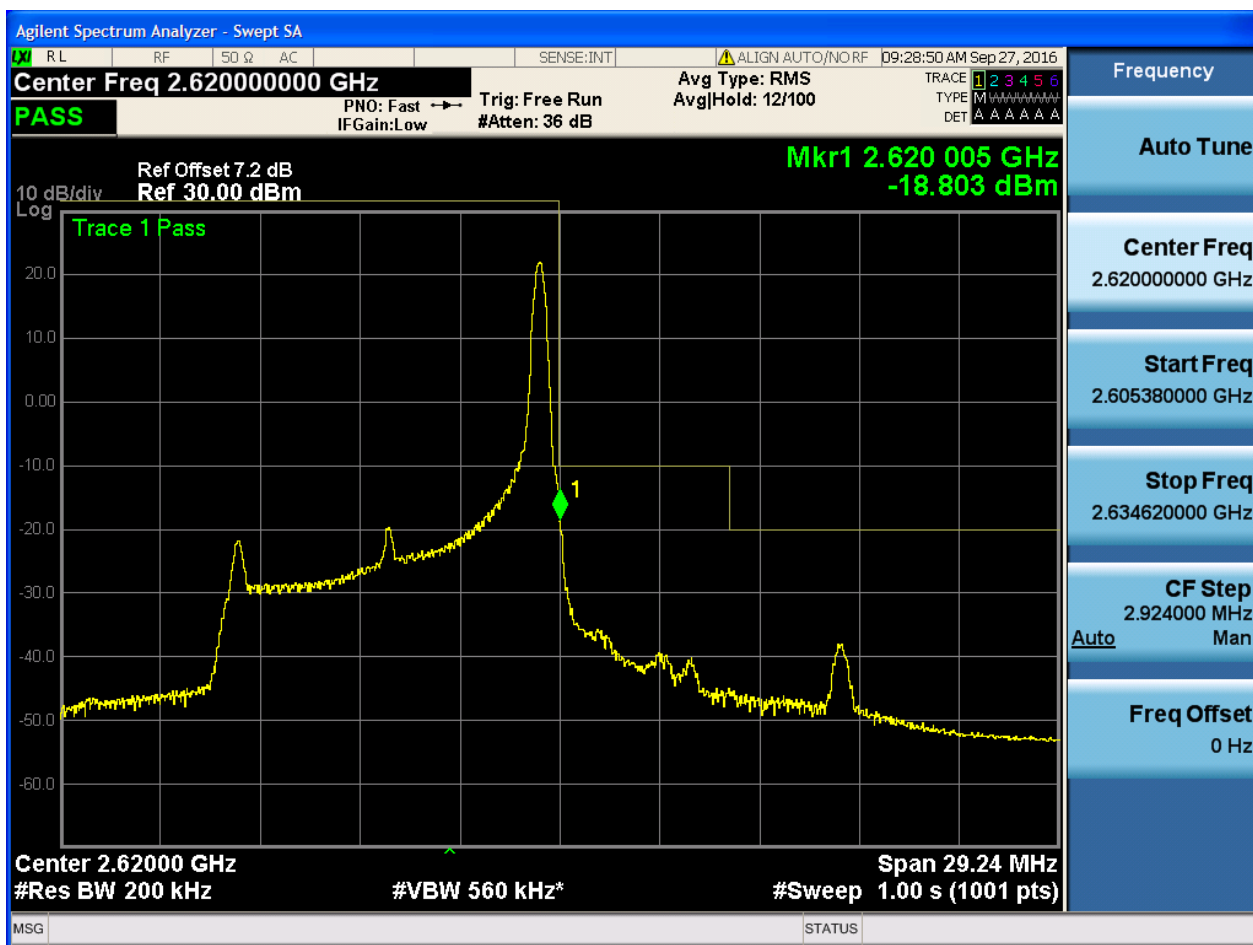
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#49



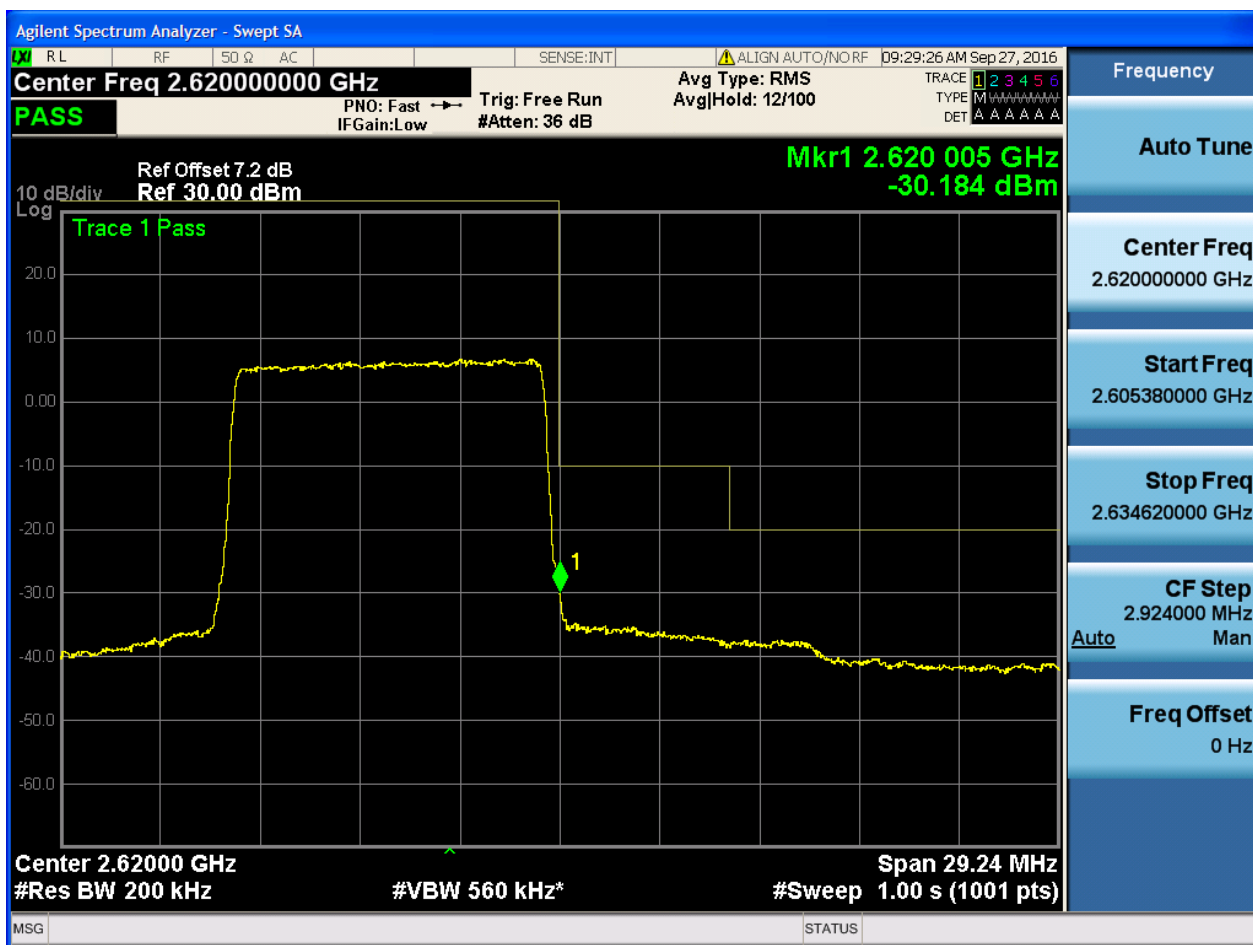


5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0

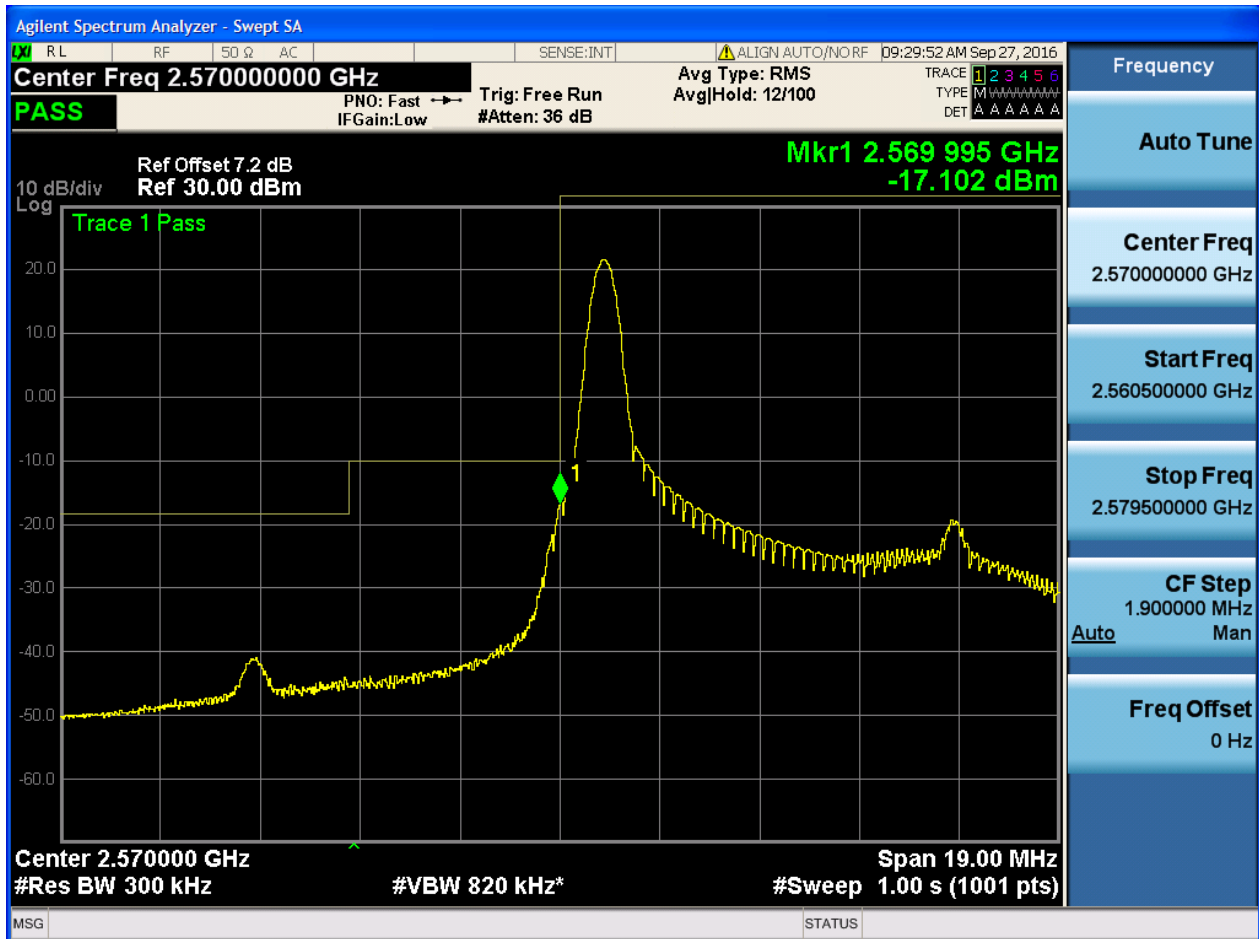




5.1.1.1.3 Test Bandwidth = 15

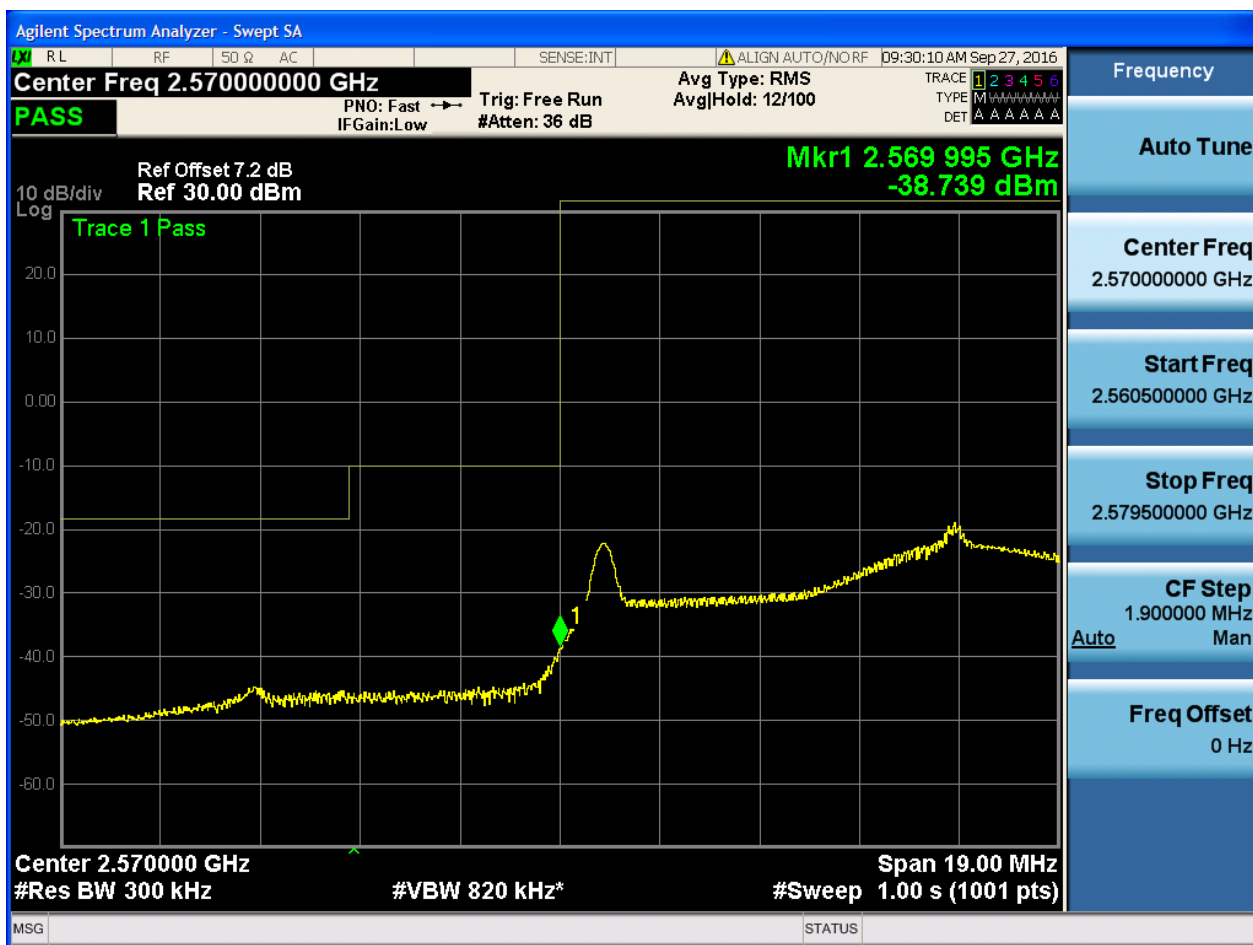
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



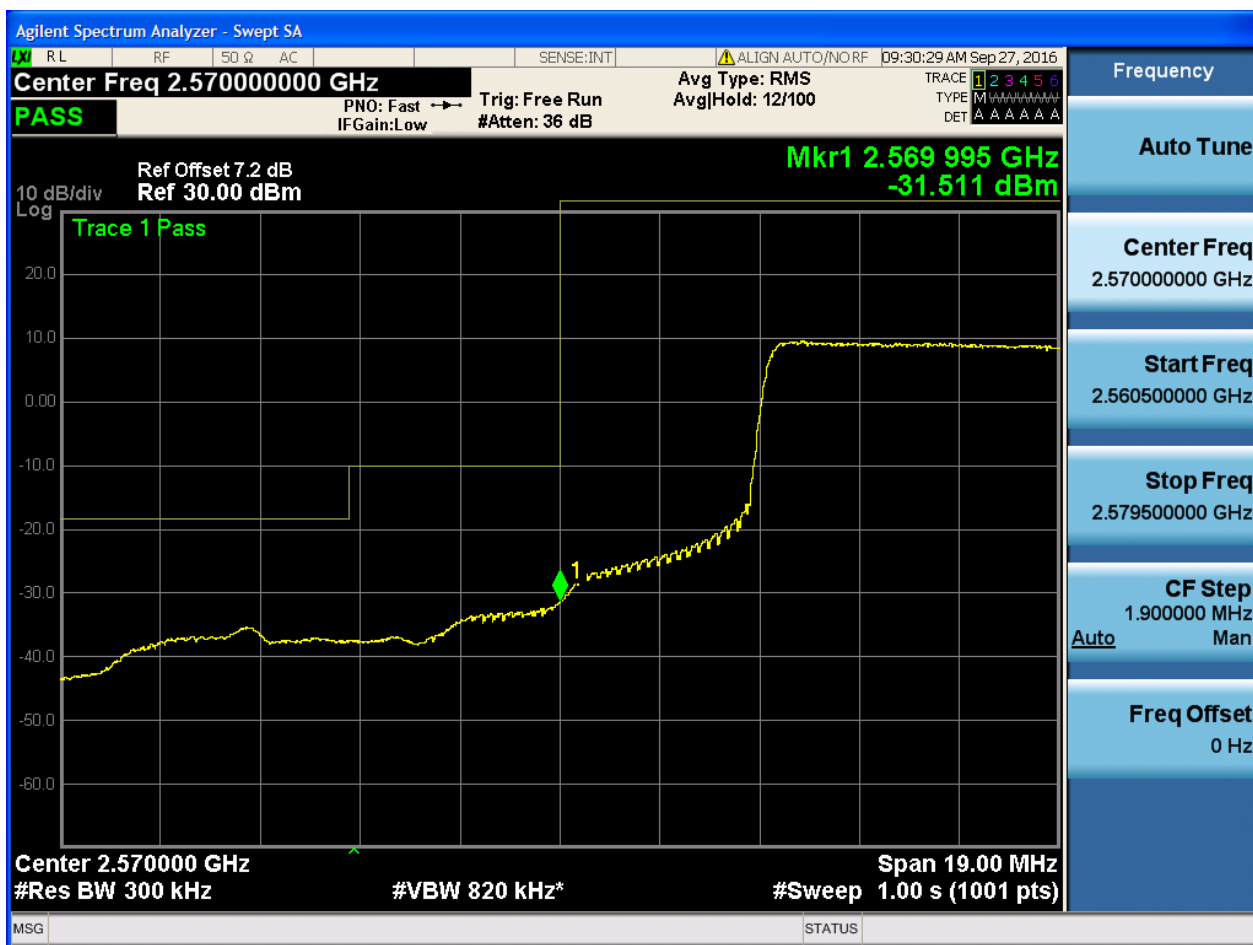


5.1.1.1.5.1.2 Test RB = RB1#74



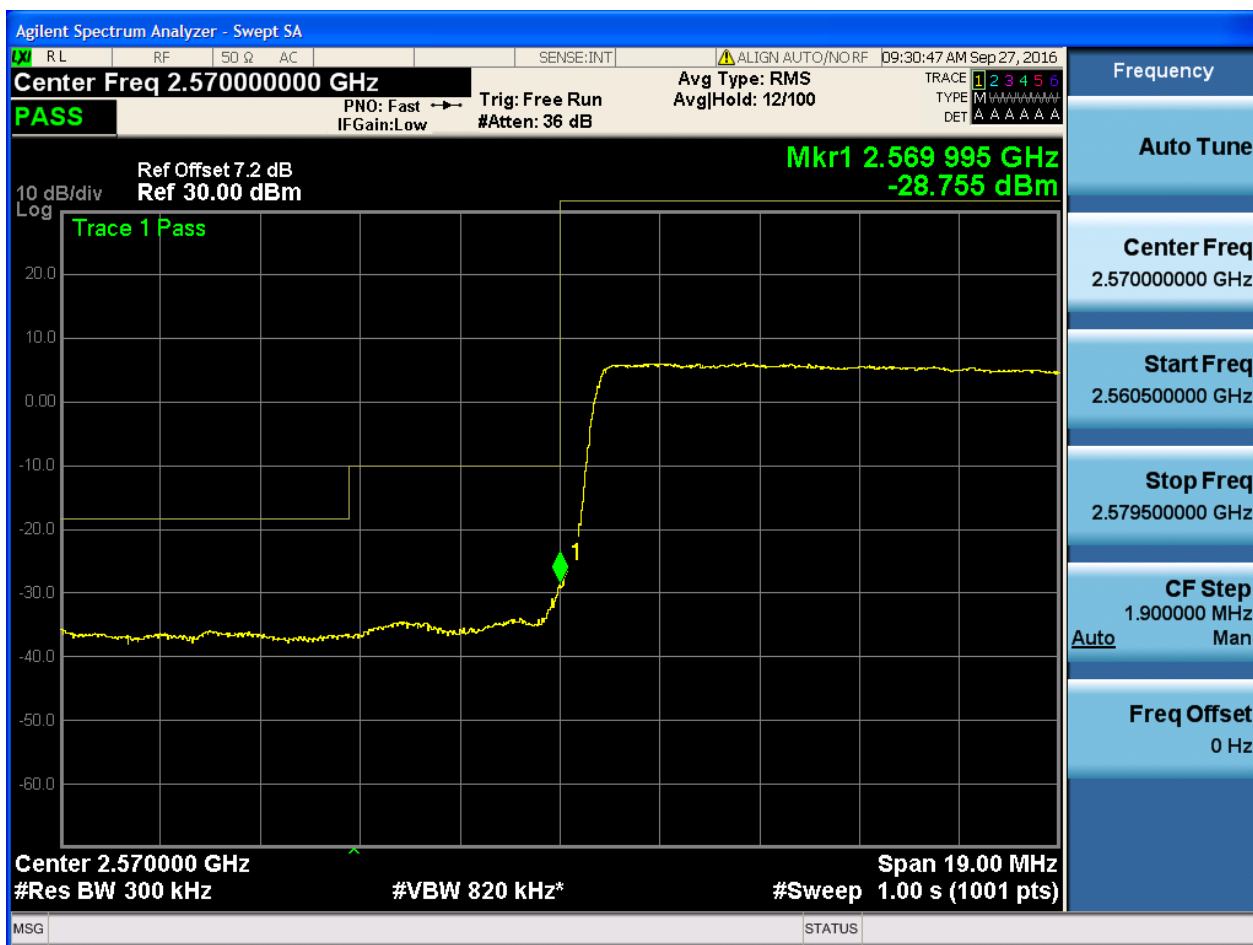


5.1.1.1.5.1.3 Test RB = RB36#18





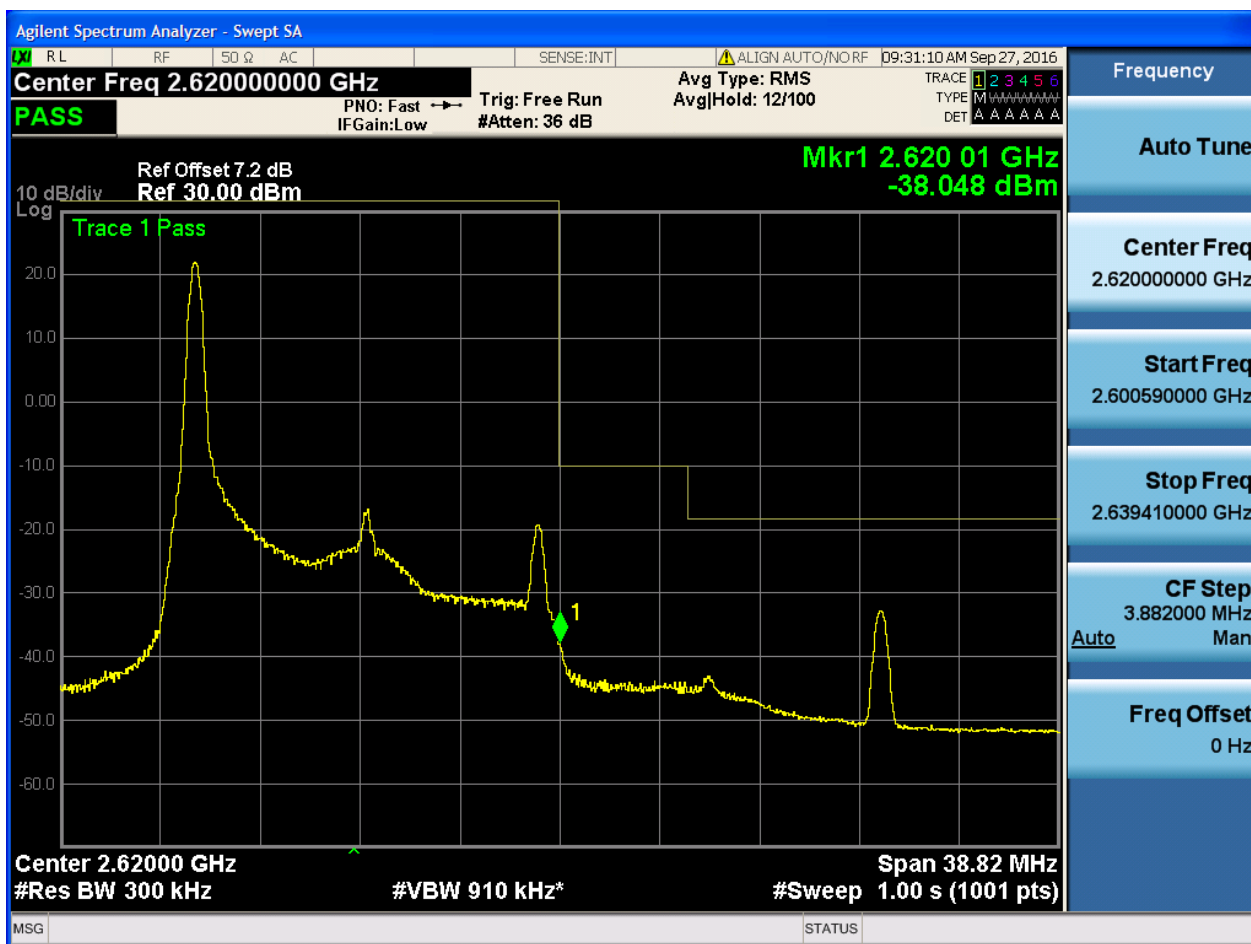
5.1.1.1.5.1.4 Test RB = RB75#0





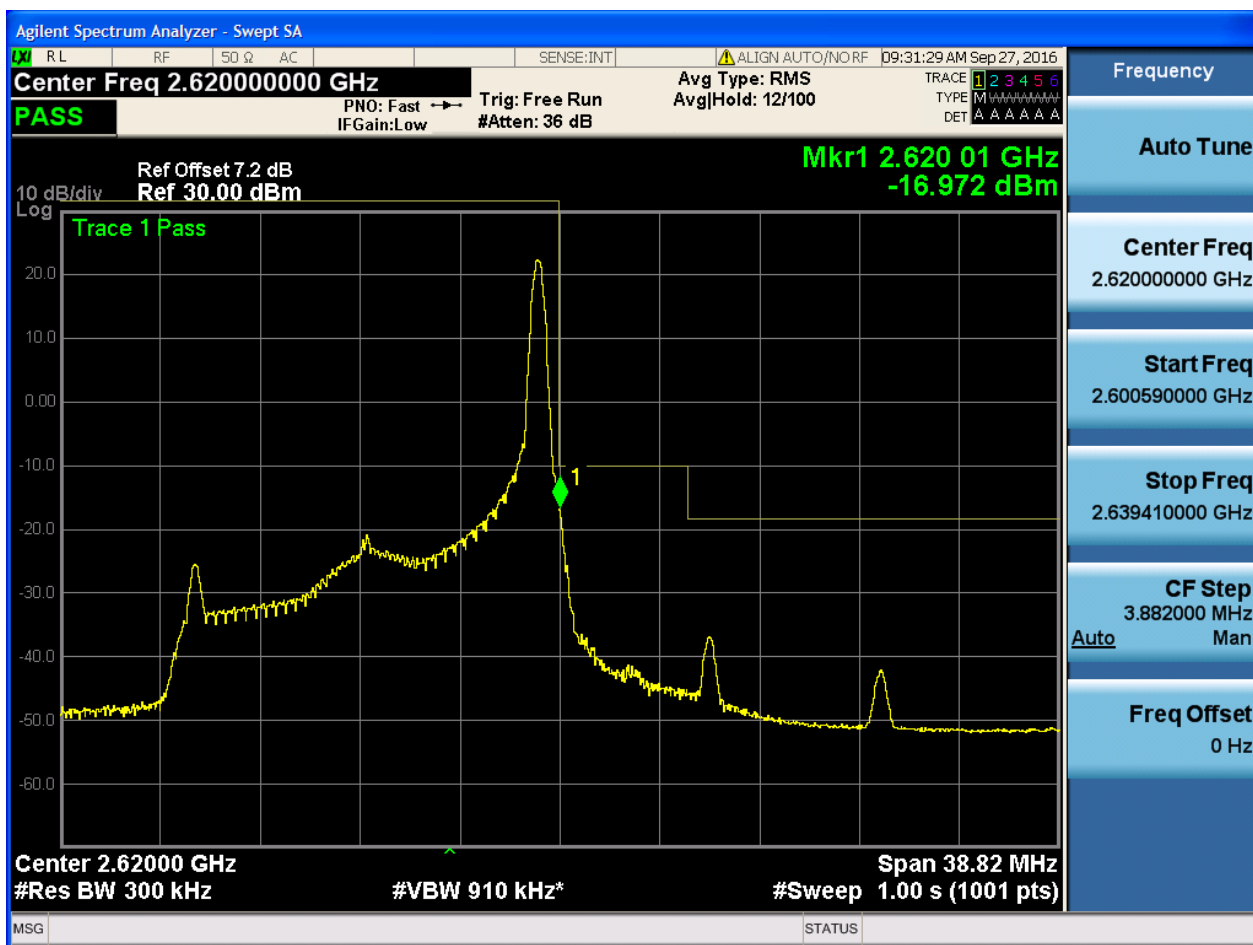
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#74





5.1.1.1.3.2.3 Test RB = RB36#18





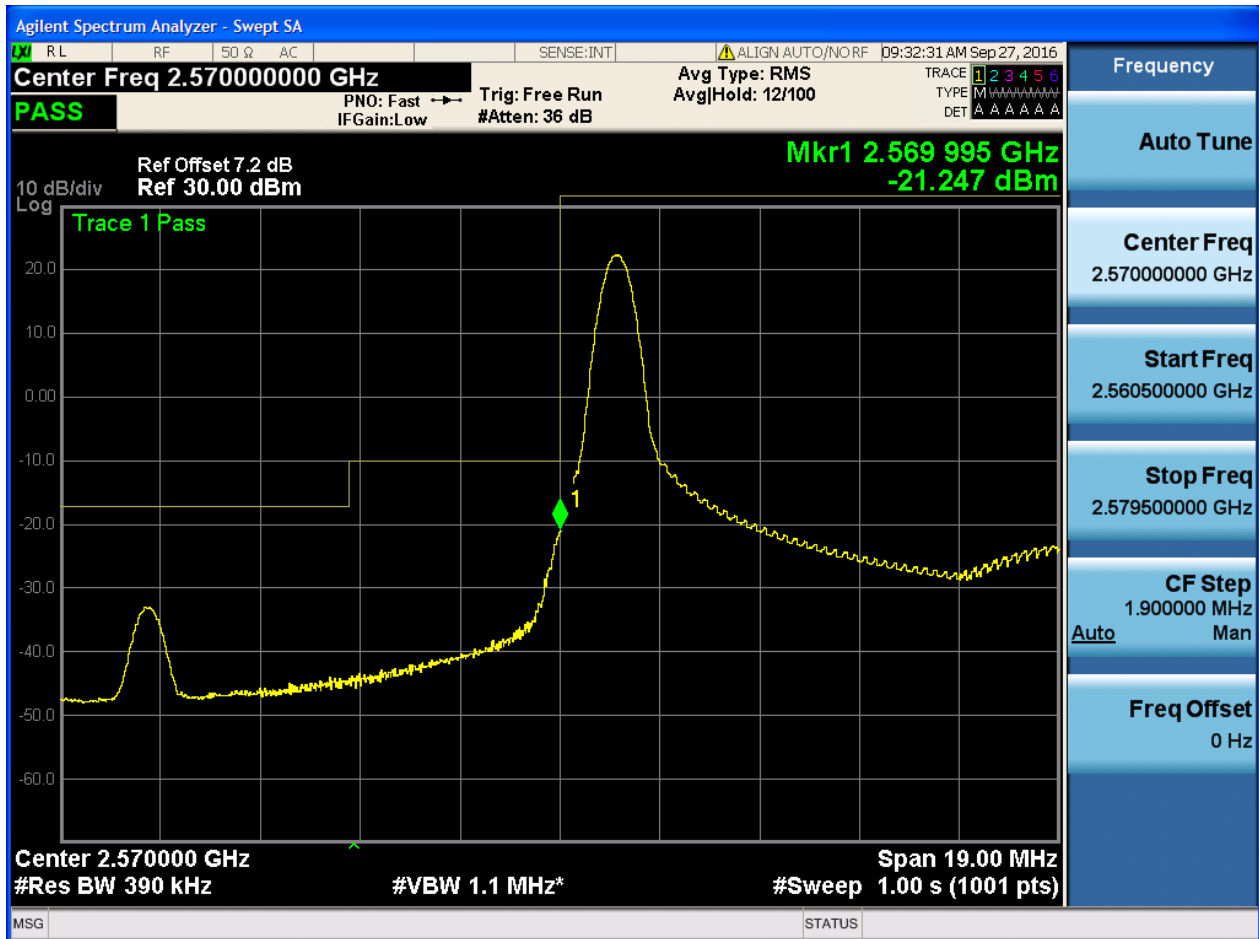
5.1.1.1.3.2.4 Test RB = RB75#0



5.1.1.1.4 Test Bandwidth = 20

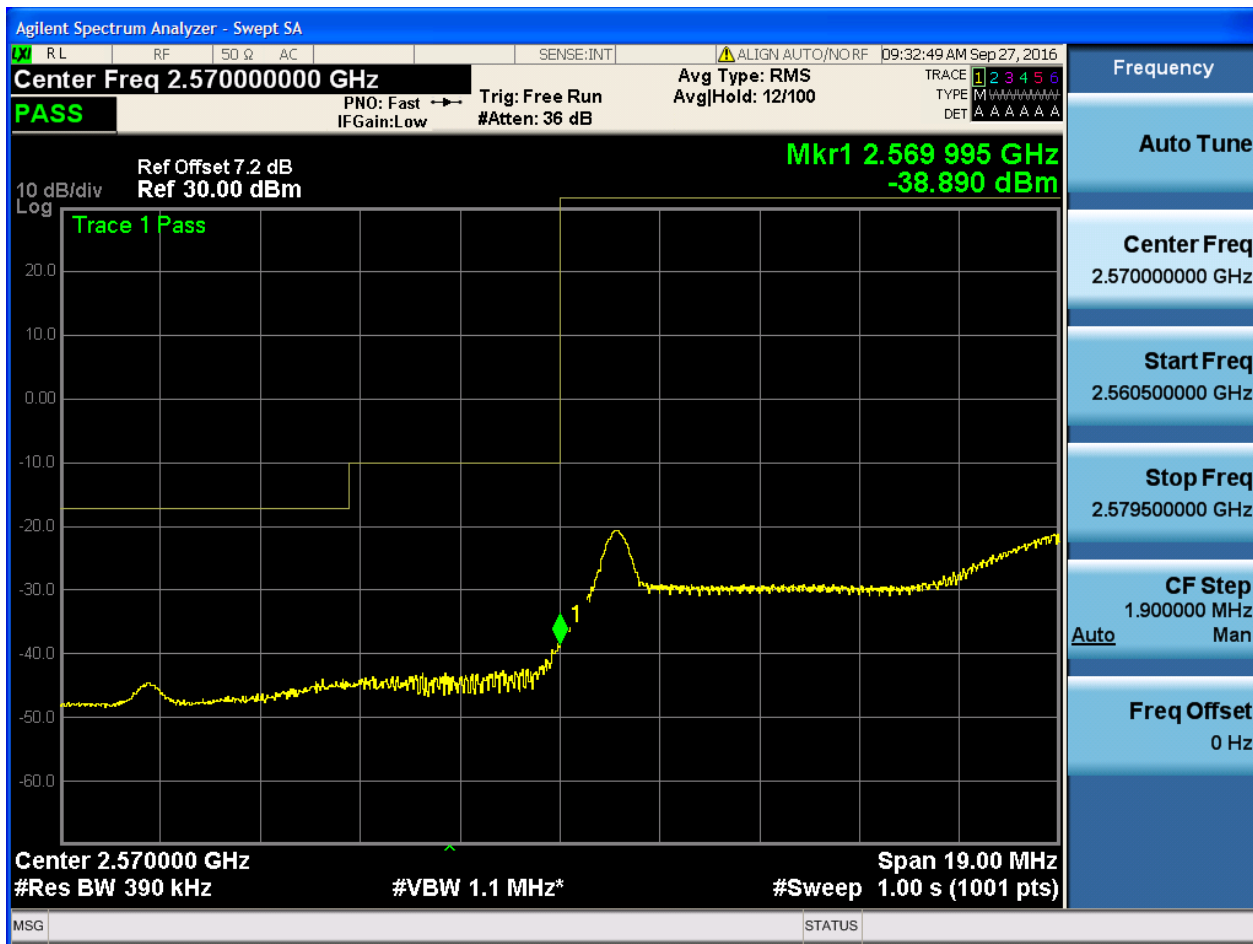
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



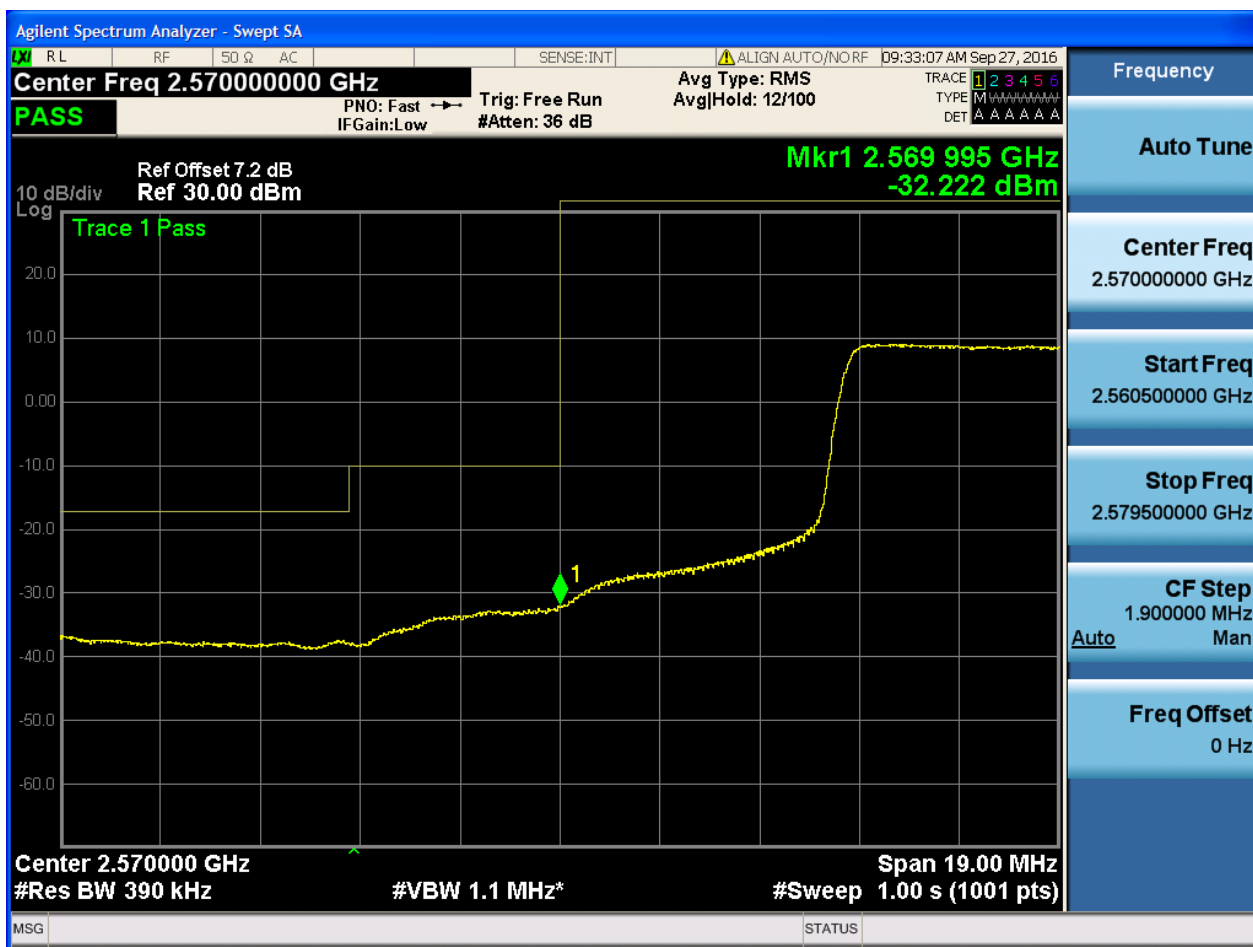


5.1.1.1.4.1.2 Test RB = RB1#99



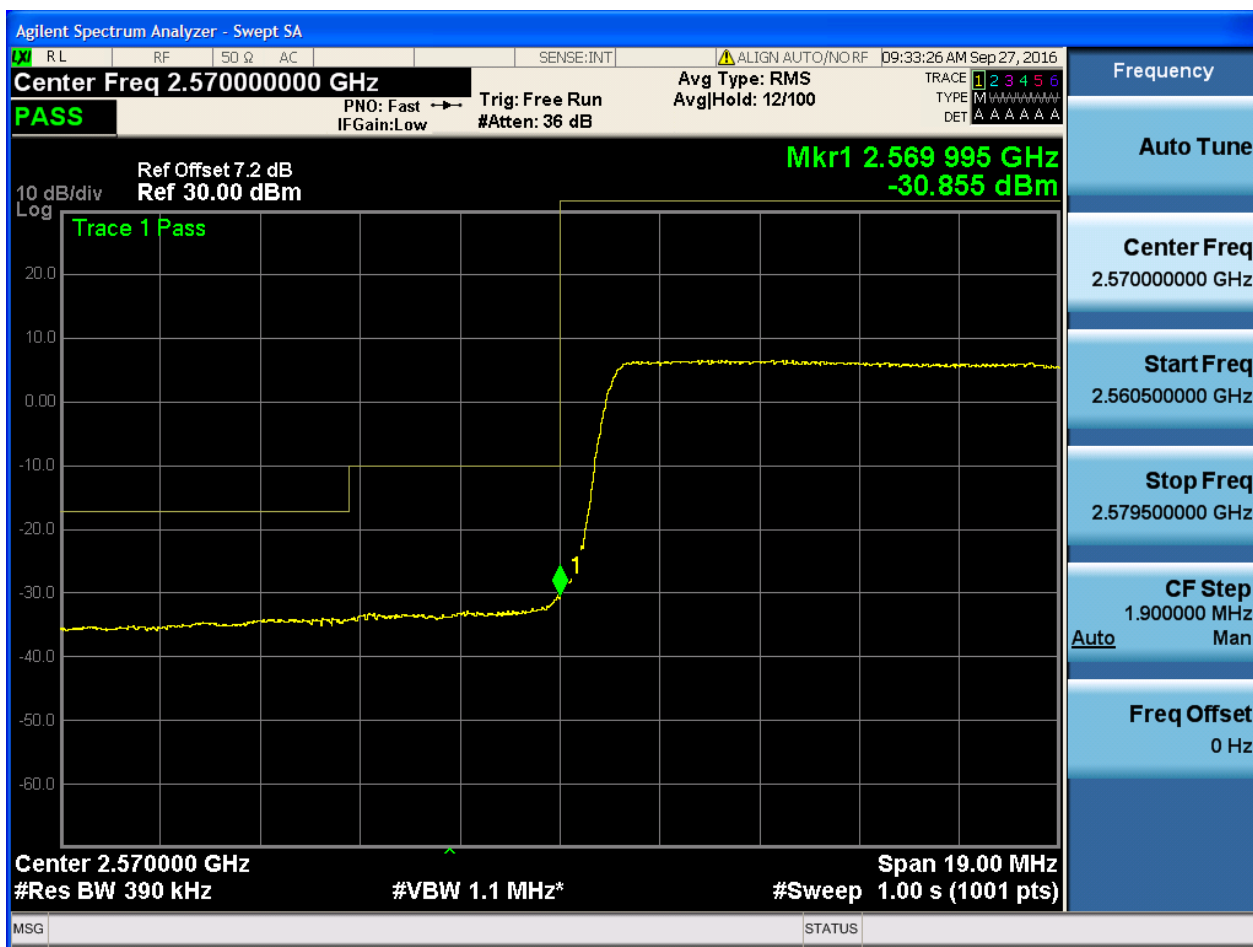


5.1.1.1.4.1.3 Test RB = RB50#25





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

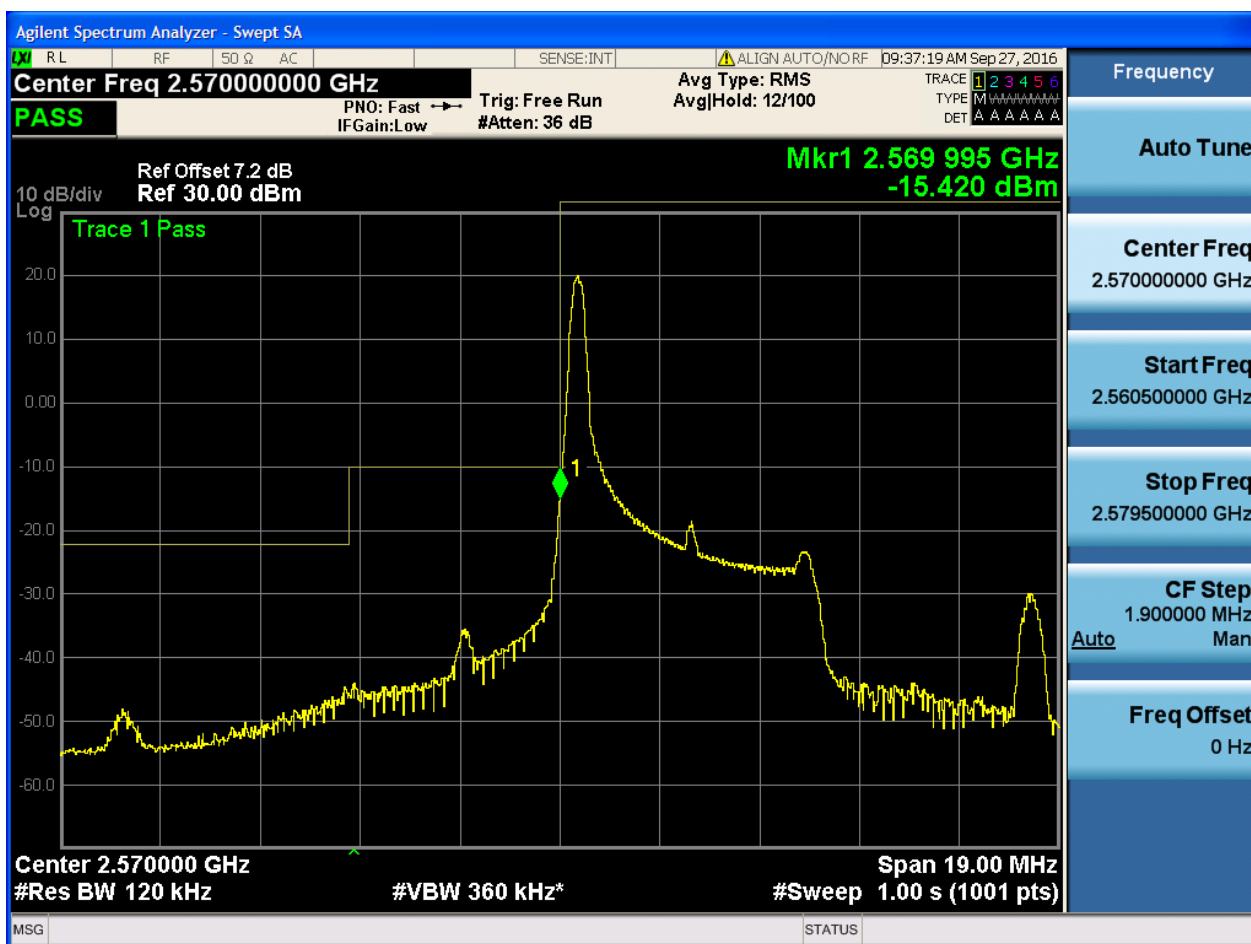


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

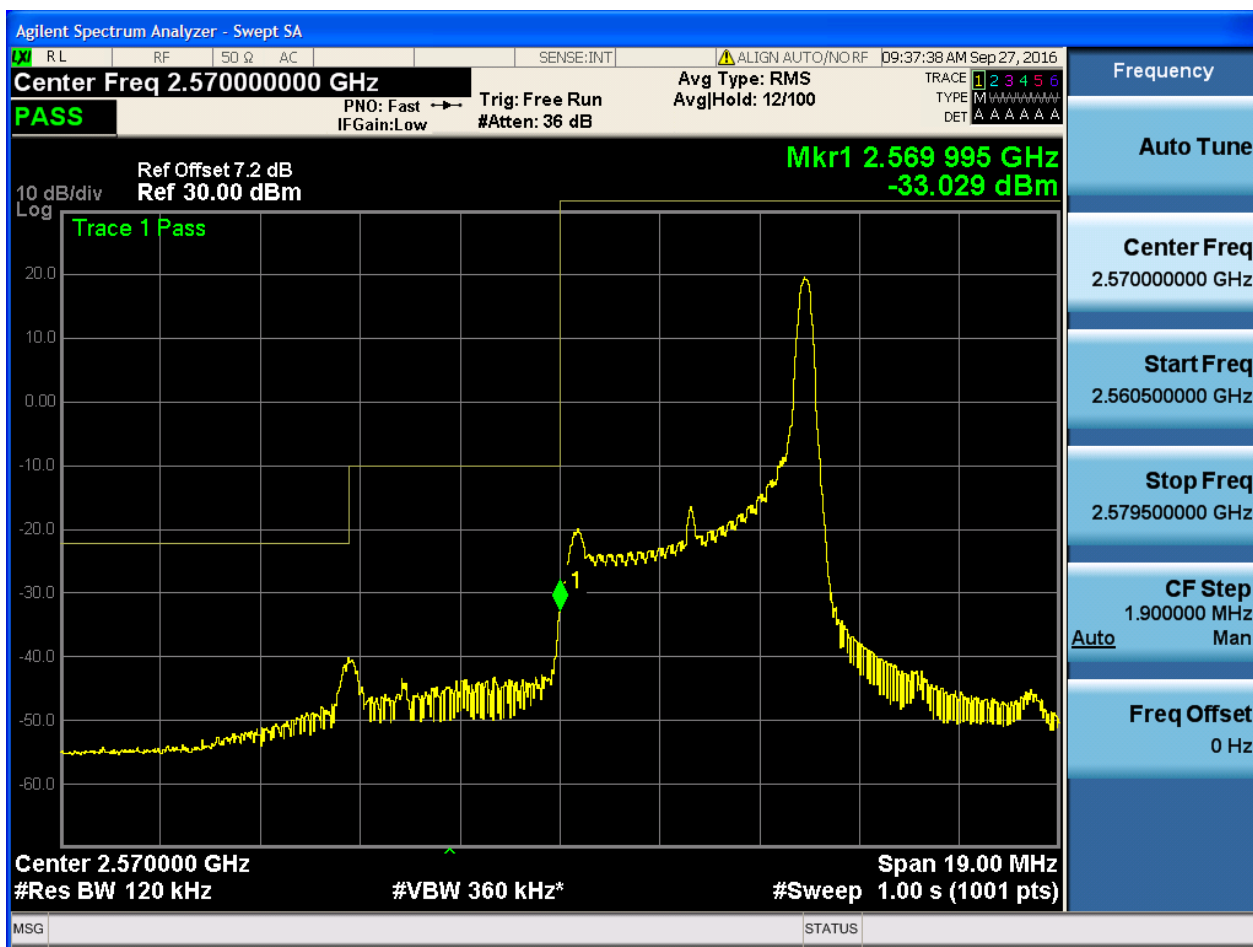
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



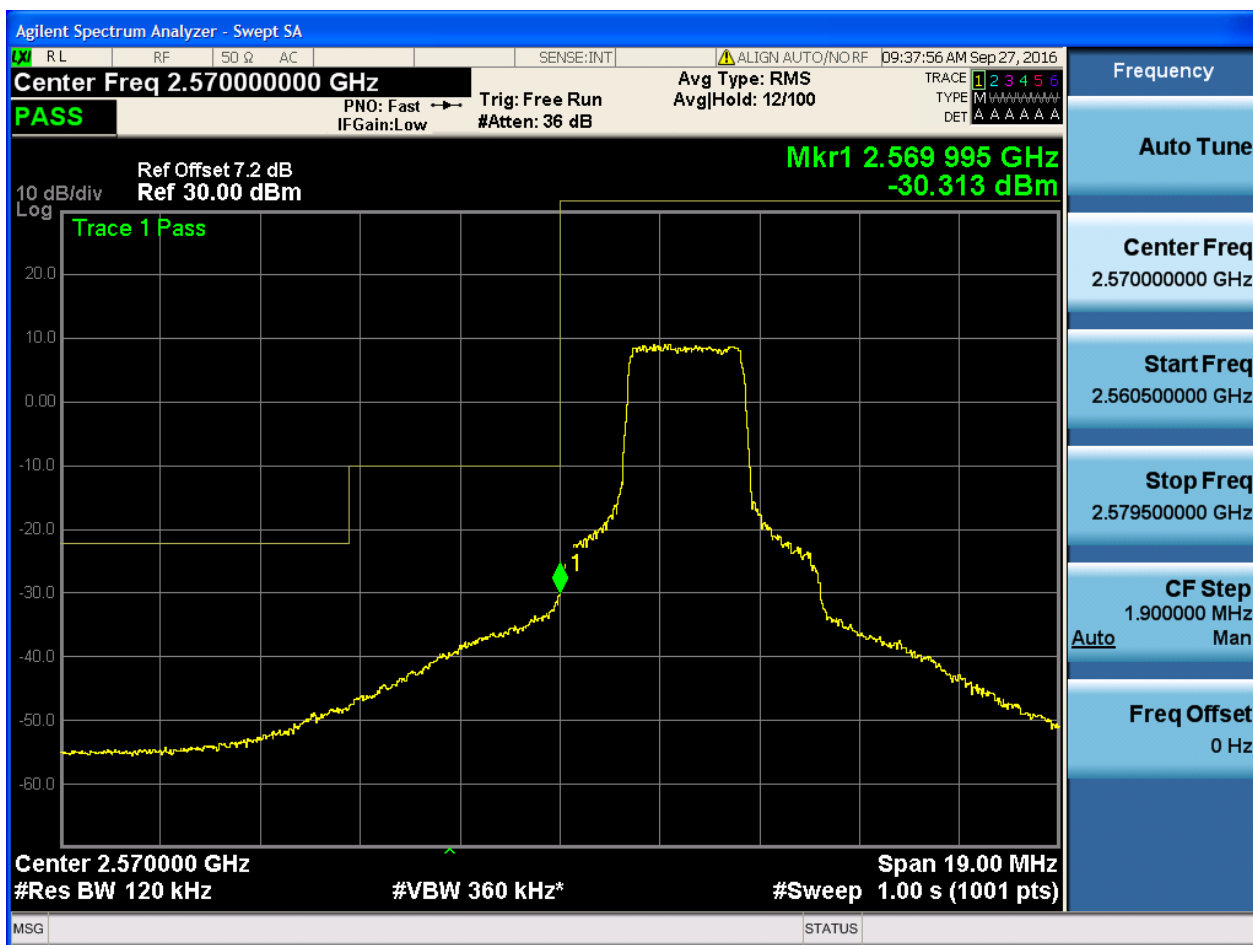


5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6



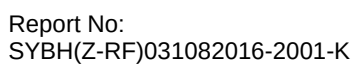


5.1.1.2.1.1.4 Test RB = RB25#0





5.1.1.2.1.2.1 Test RB = RB1#0



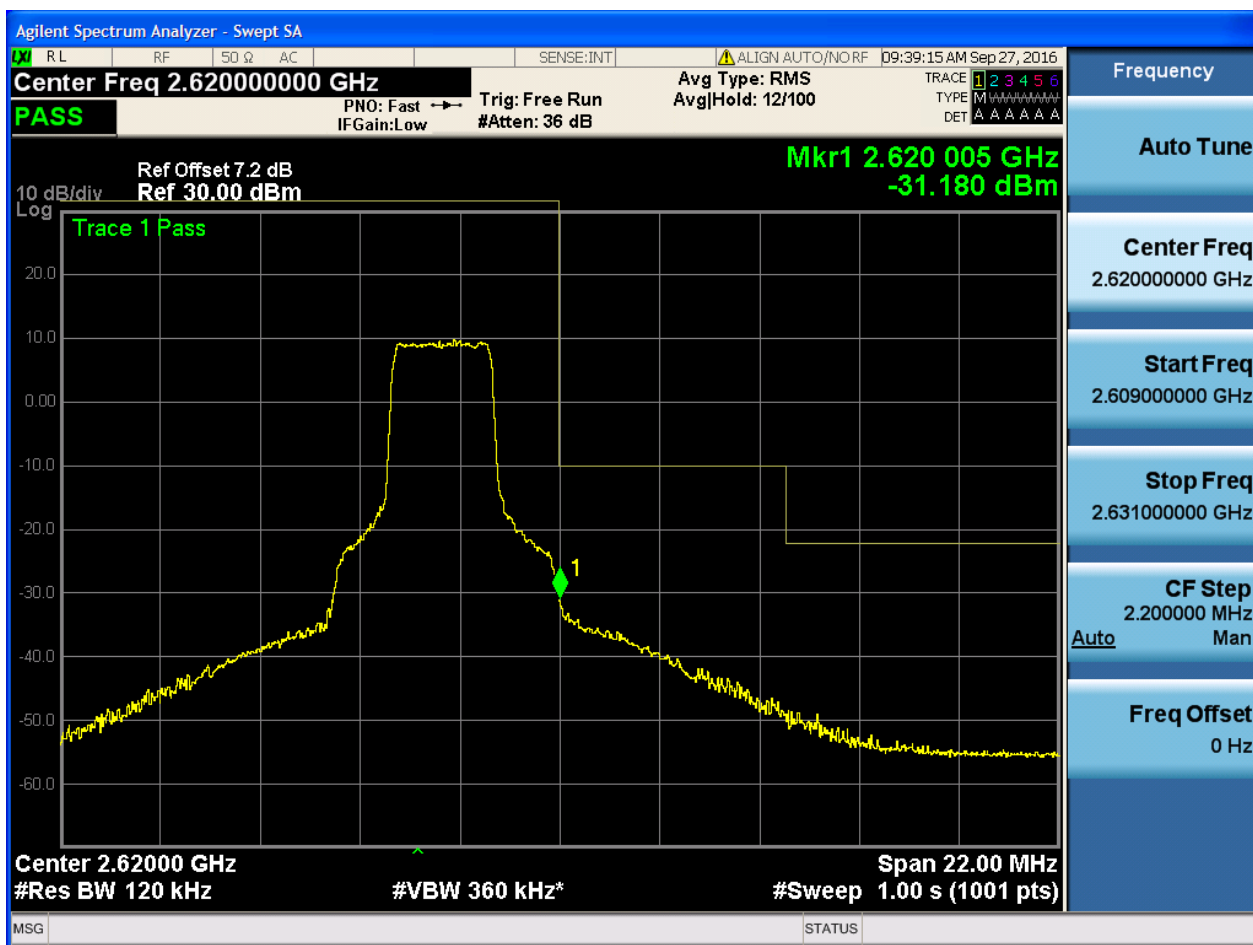


5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

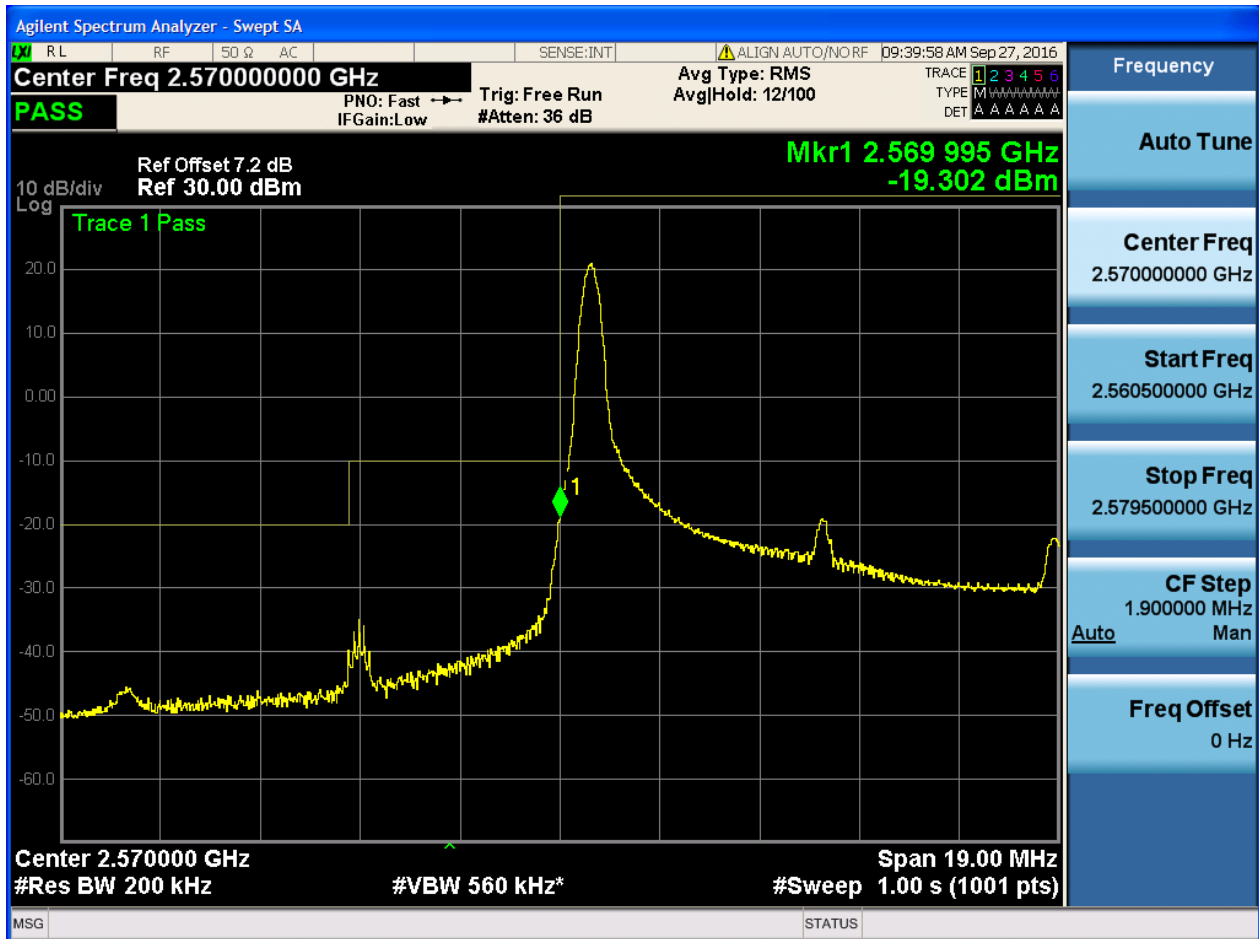




5.1.1.2.2 Test Bandwidth = 10

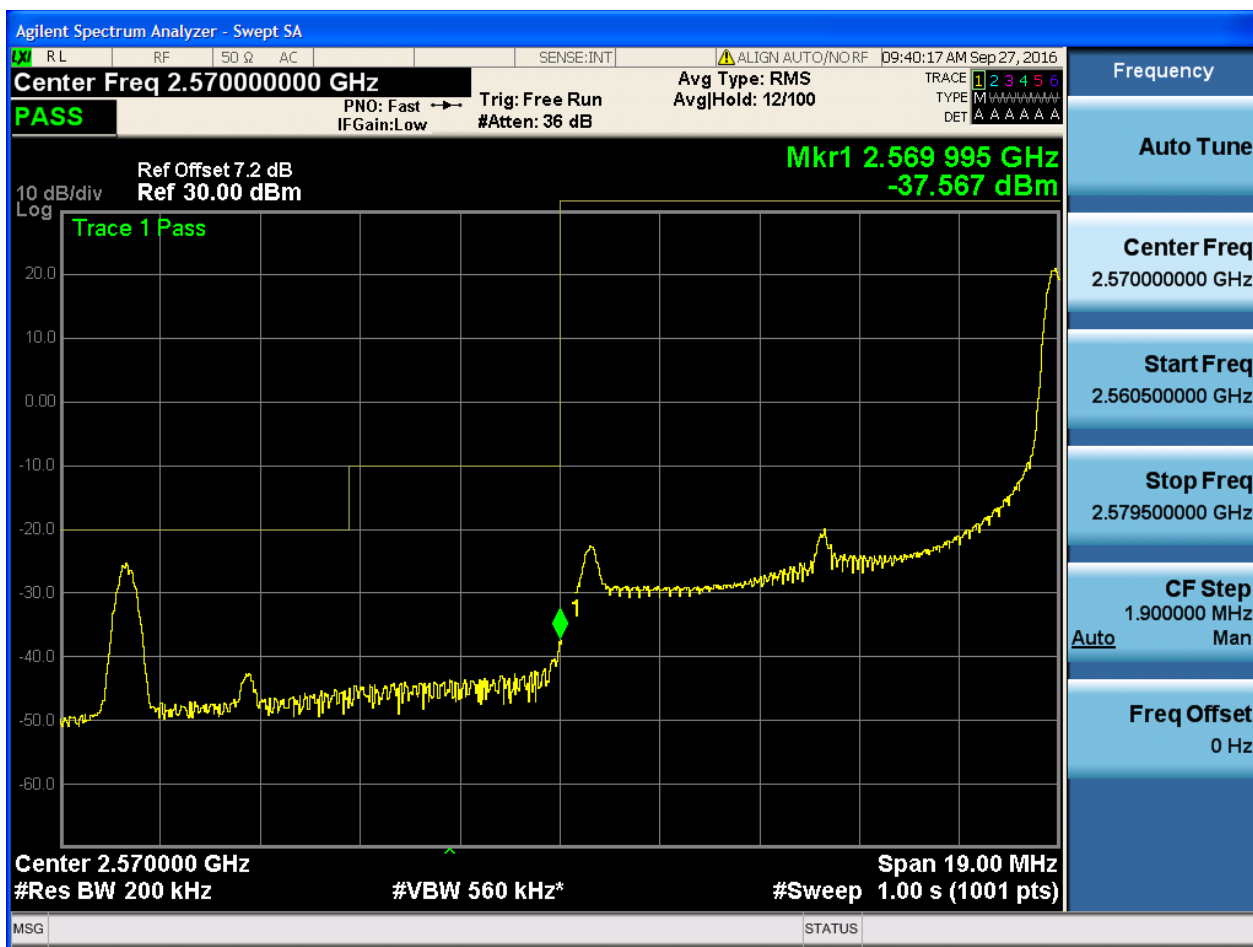
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#49



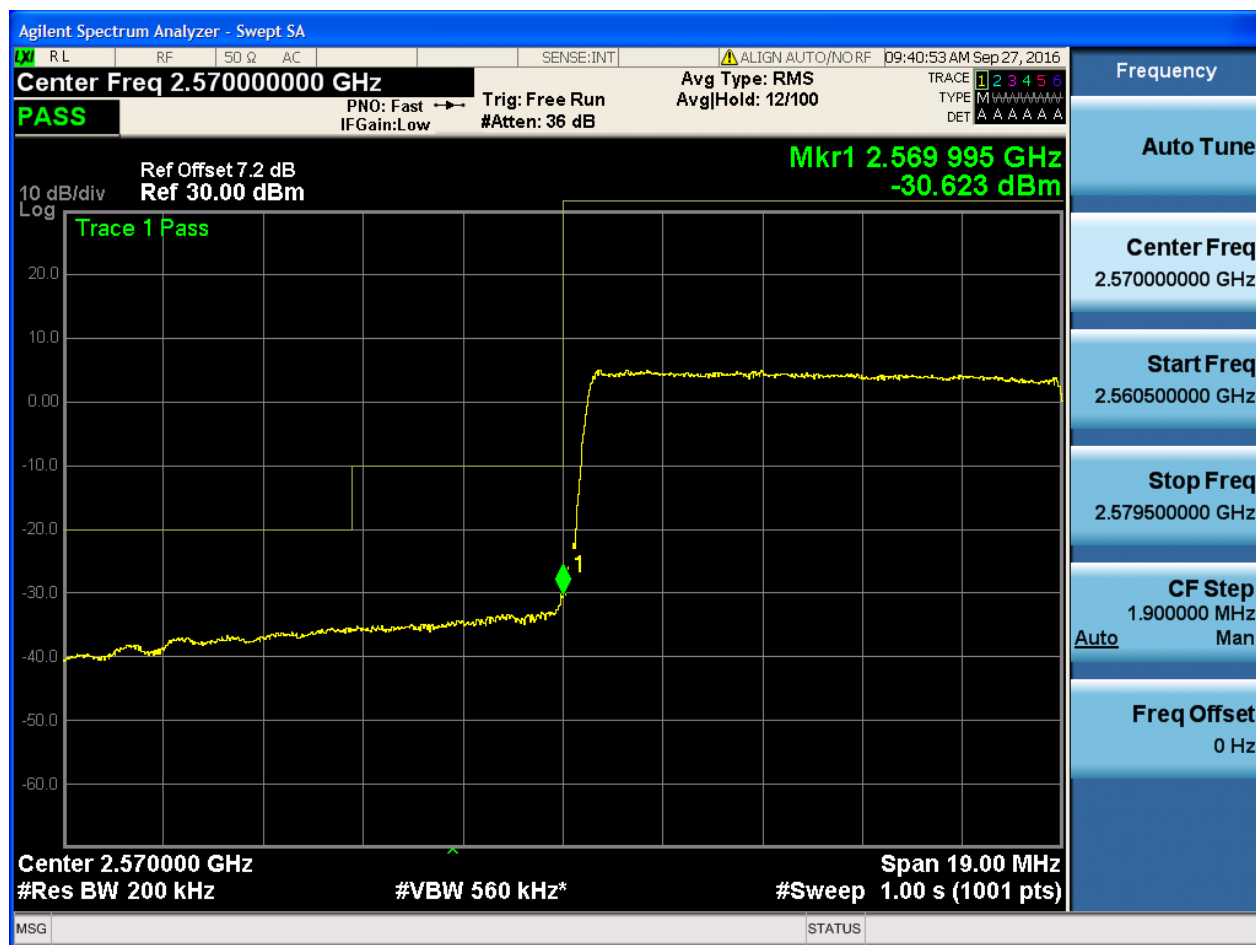


5.1.1.2.2.1.3 Test RB = RB25#13





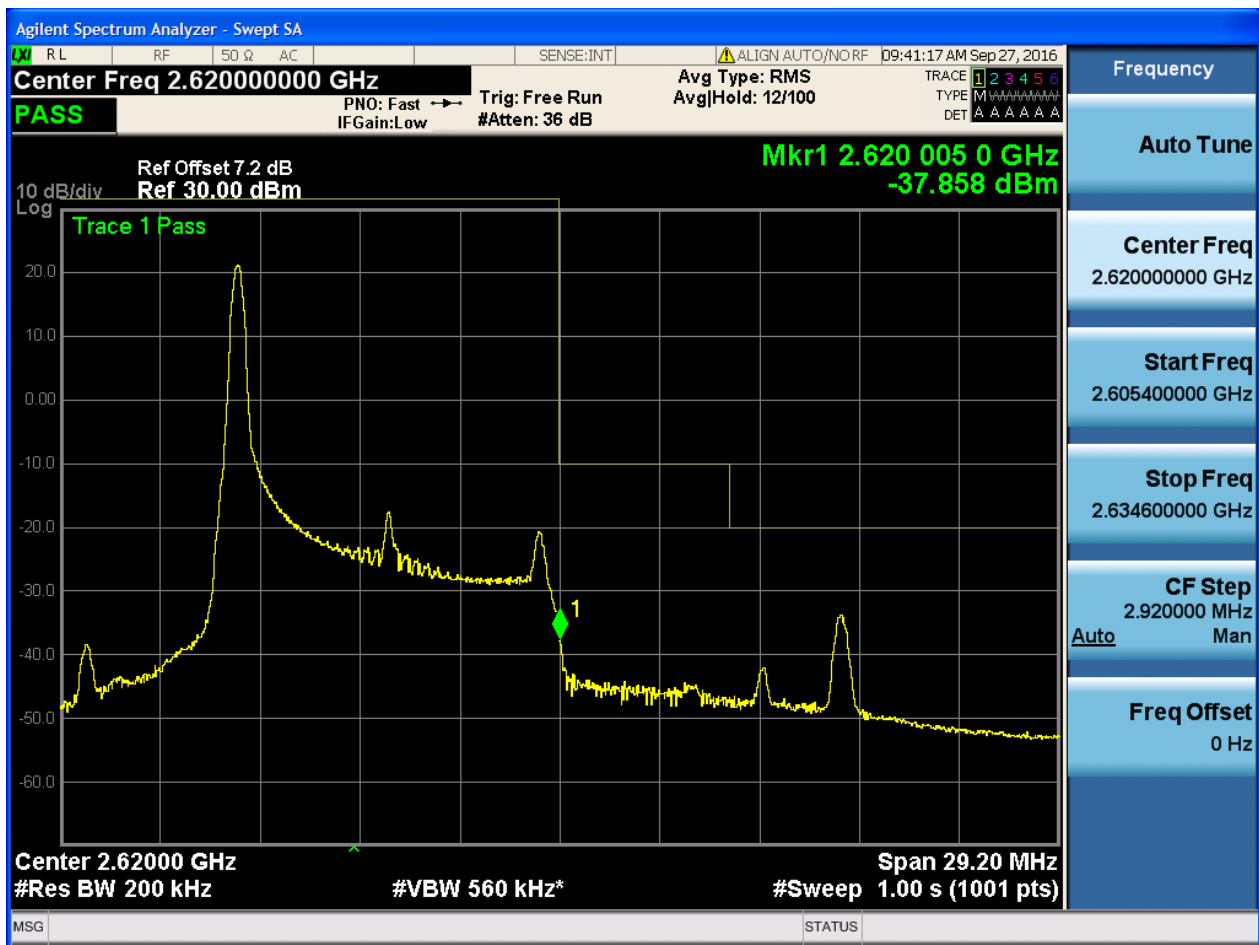
5.1.1.2.2.1.4 Test RB = RB50#0





5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



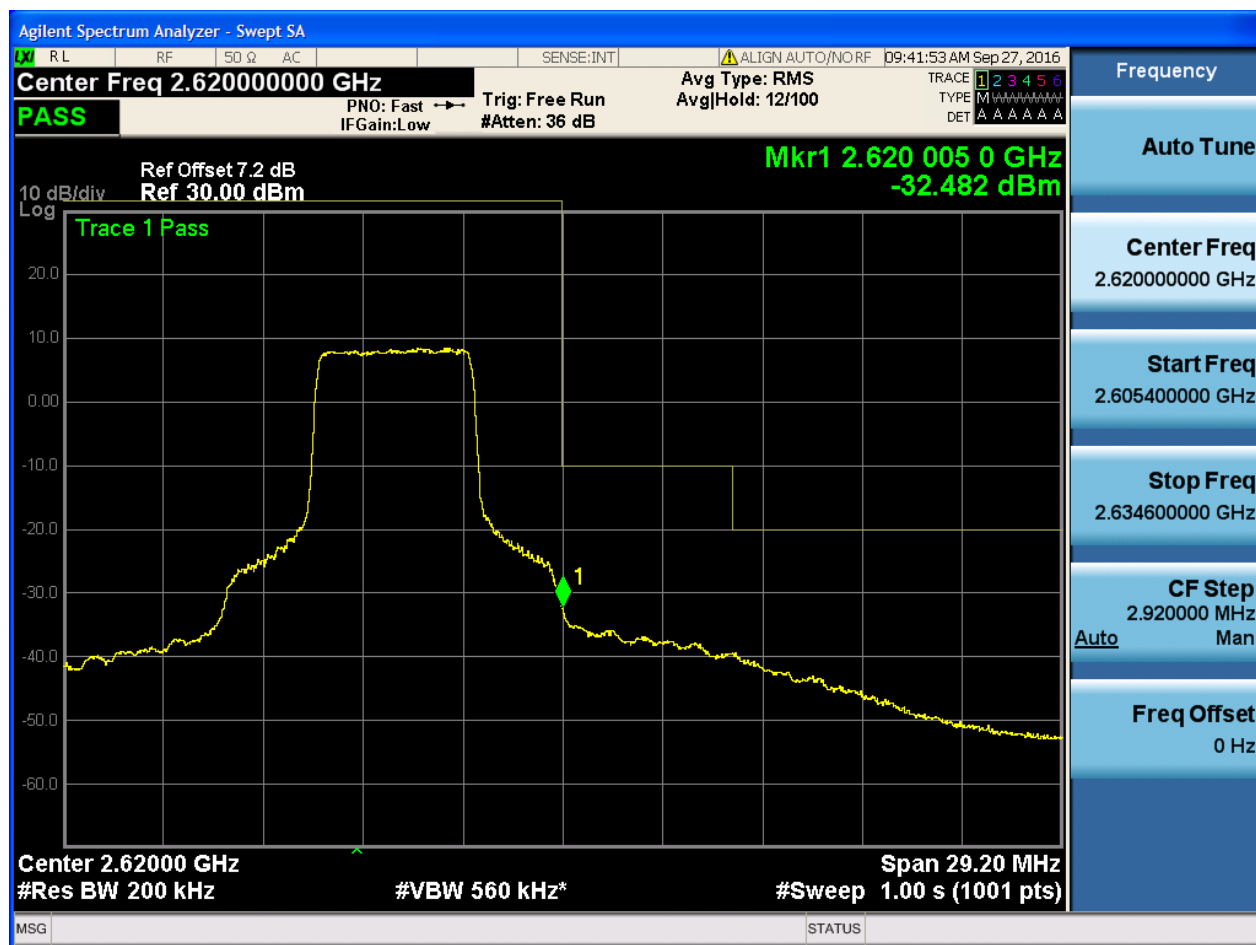


5.1.1.2.2.2 Test RB = RB1#49



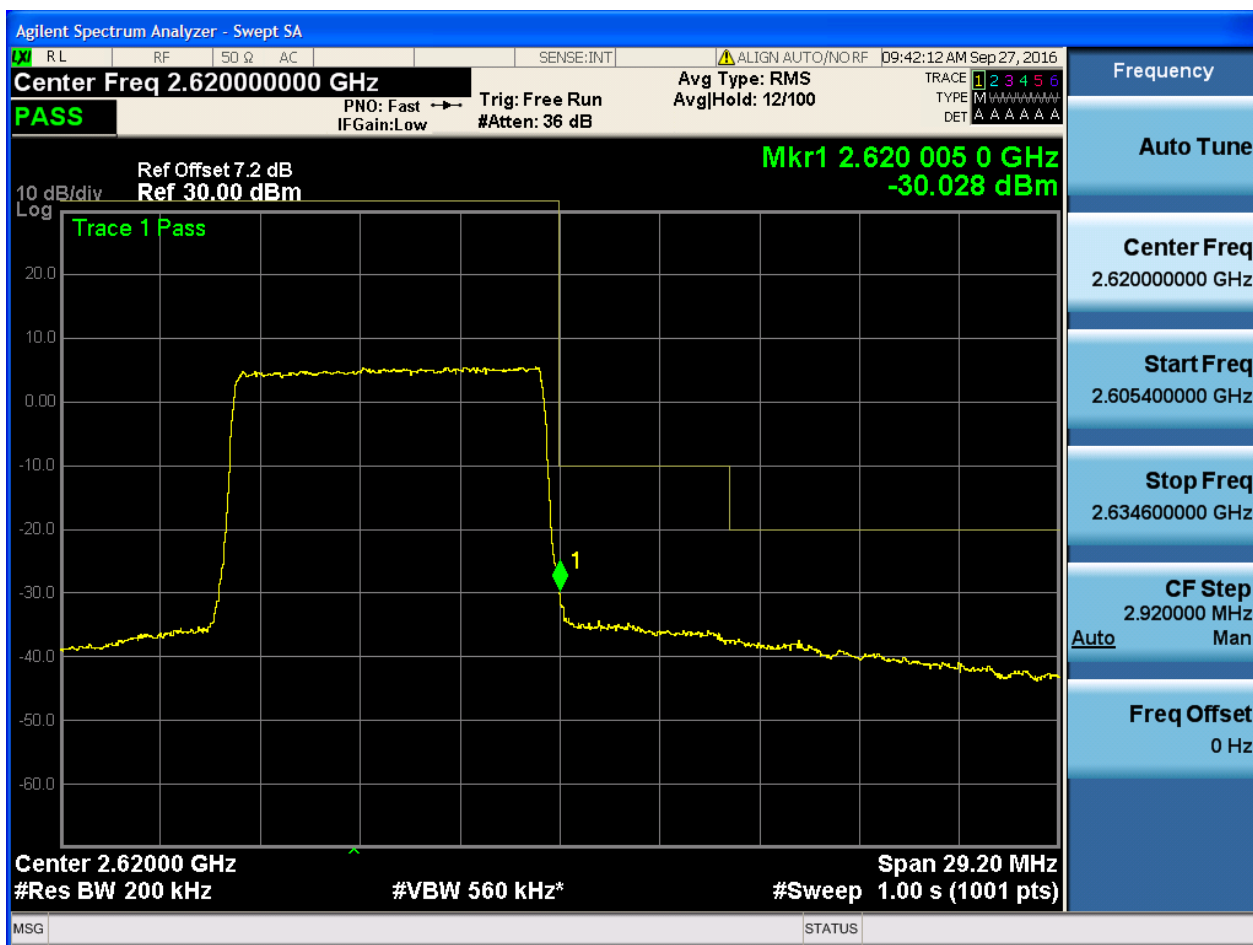


5.1.1.2.2.3 Test RB = RB25#13





5.1.1.2.2.4 Test RB = RB50#0

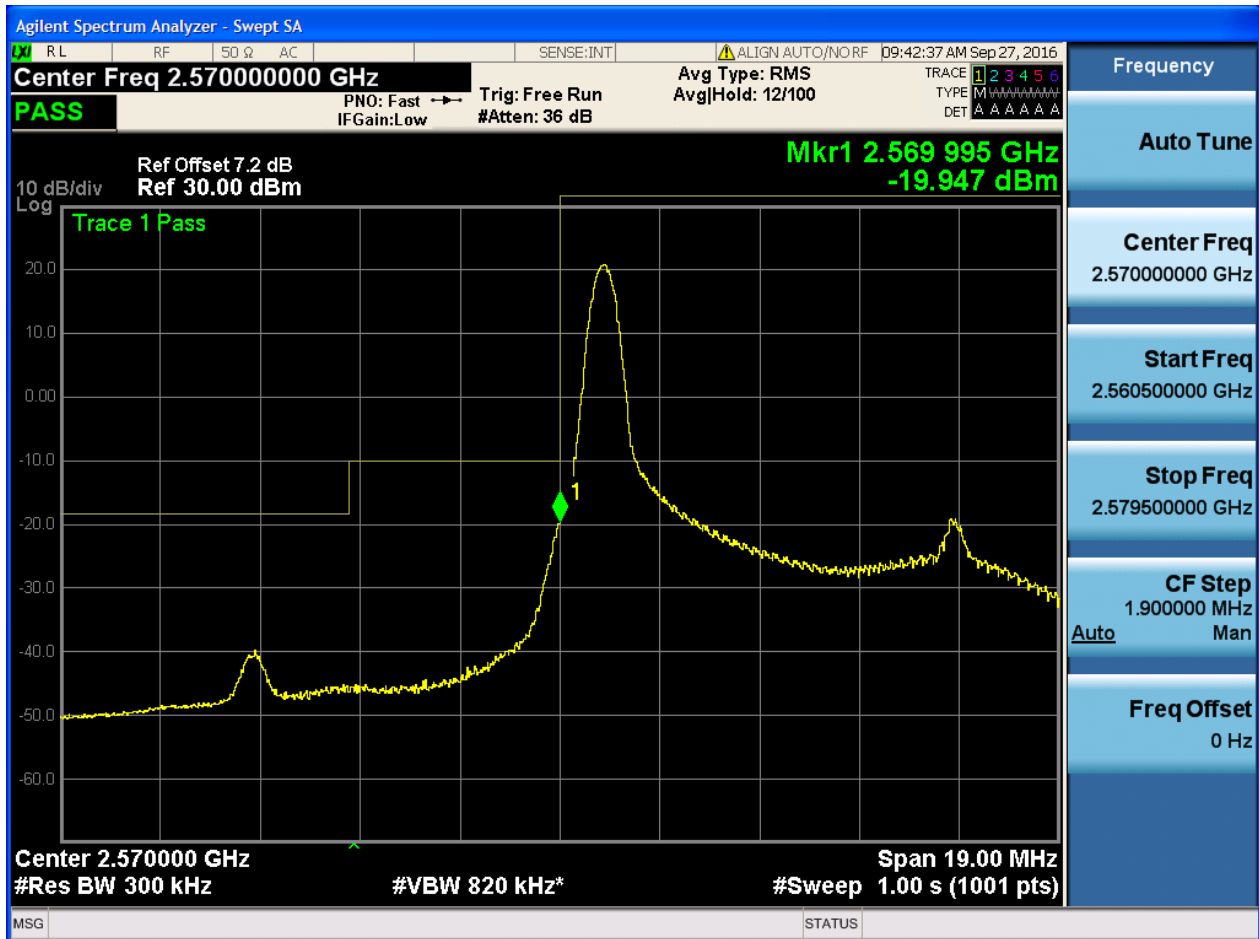




5.1.1.2.3 Test Bandwidth = 15

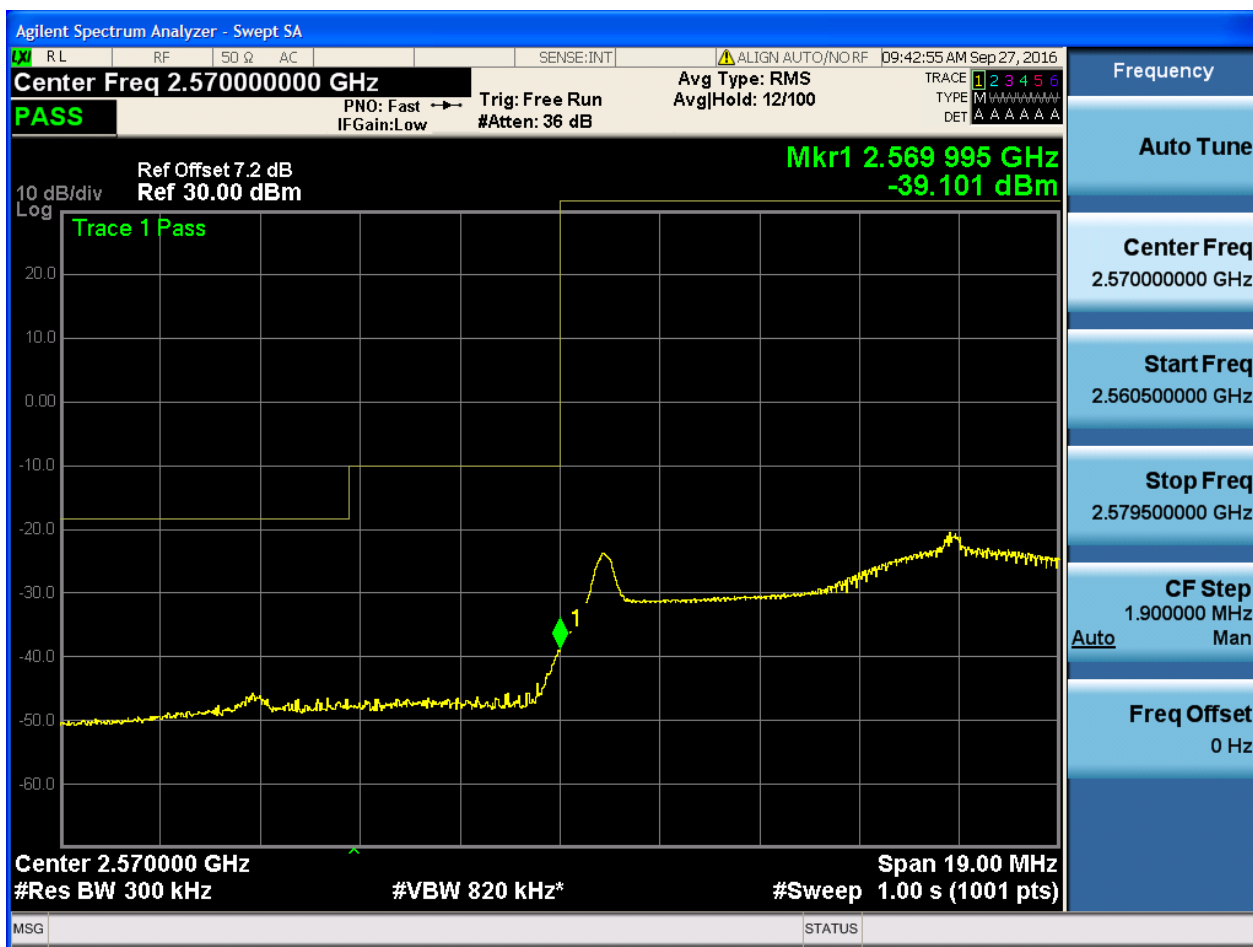
5.1.1.2.5.1 Test Channel = LCH

5.1.1.2.5.1.1 Test RB = RB1#0





5.1.1.2.5.1.2 Test RB = RB1#74



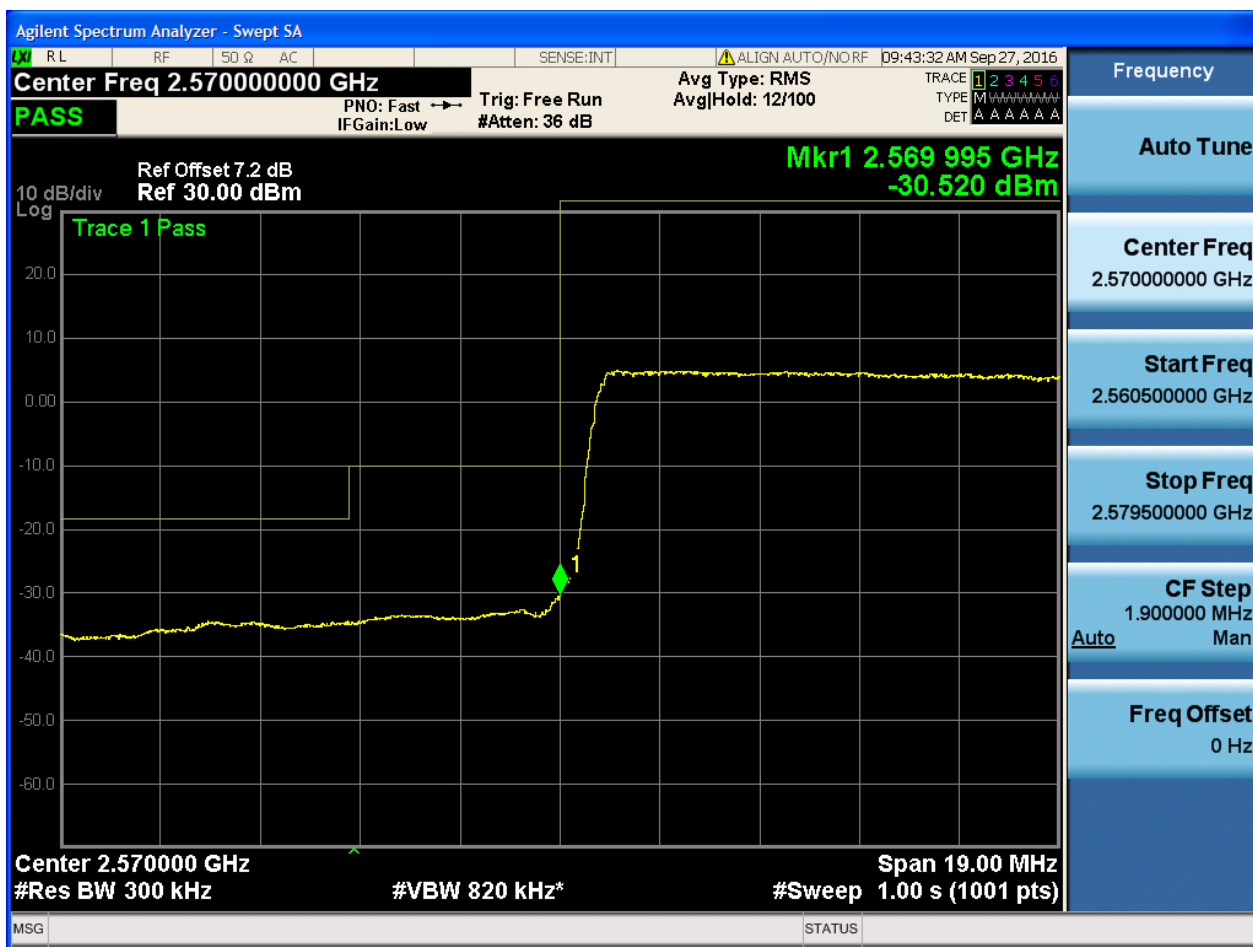


5.1.1.2.5.1.3 Test RB = RB36#18



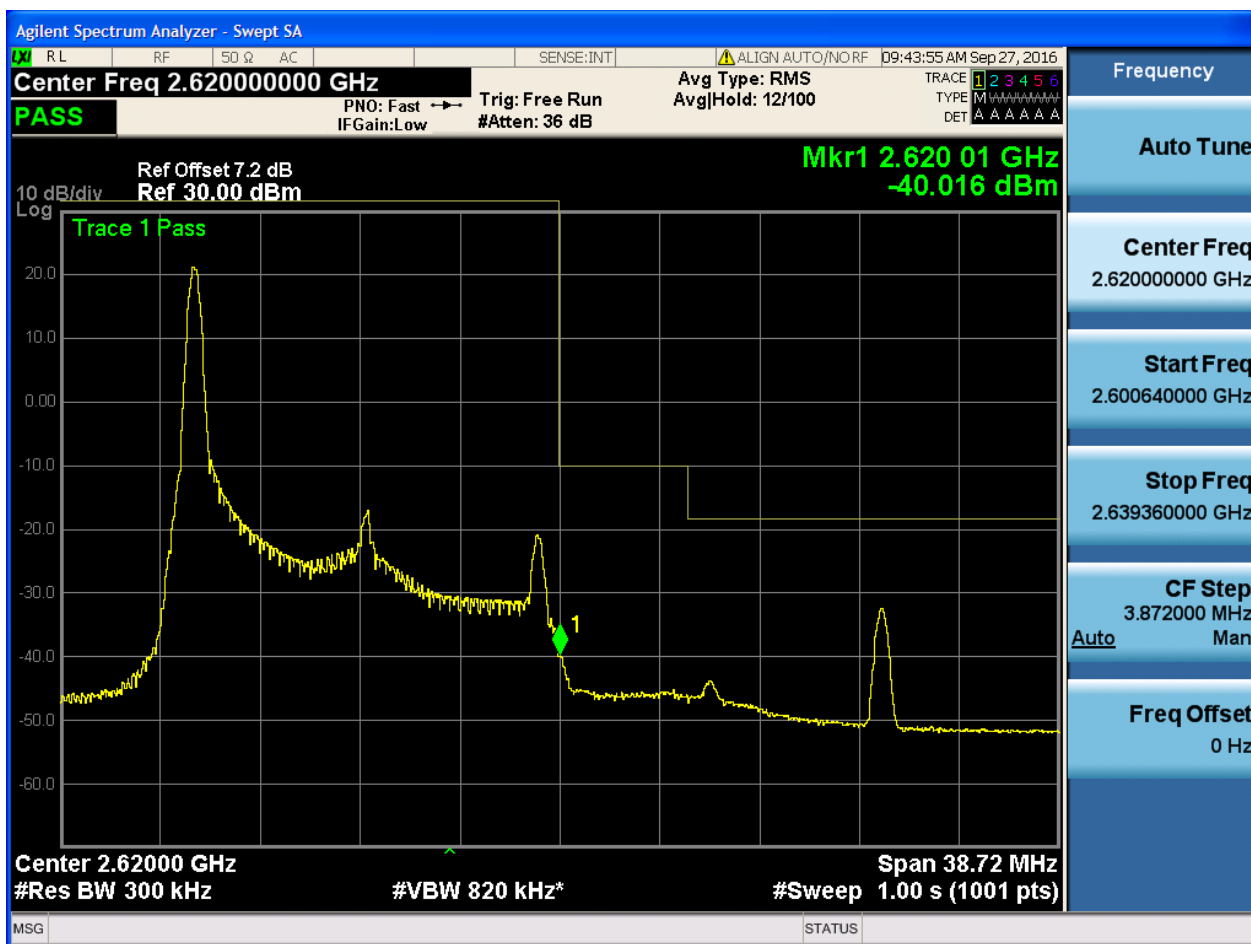


5.1.1.2.5.1.4 Test RB = RB75#0



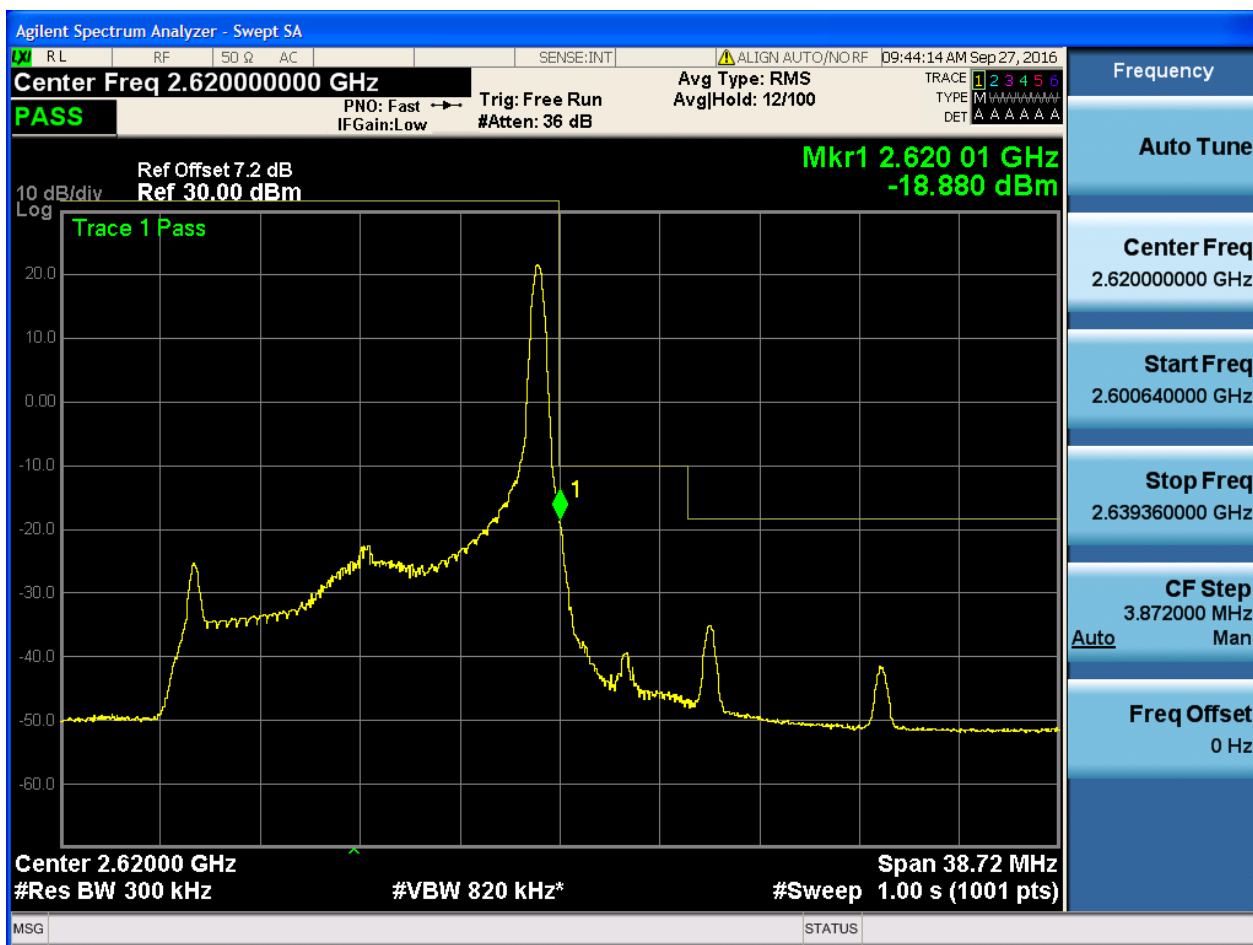
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#74





5.1.1.2.3.2.3 Test RB = RB36#18





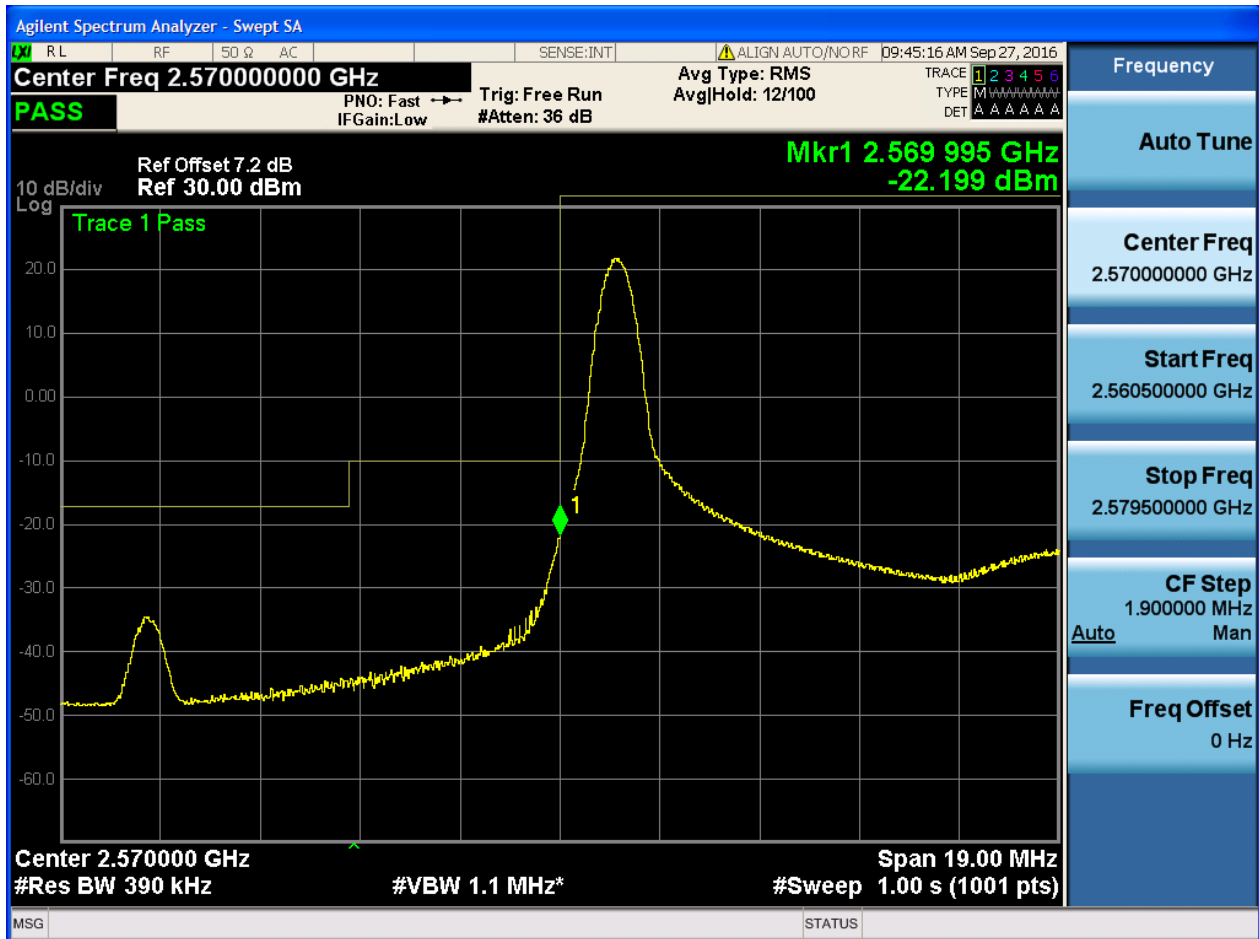
5.1.1.2.3.2.4 Test RB = RB75#0



5.1.1.2.4 Test Bandwidth = 20

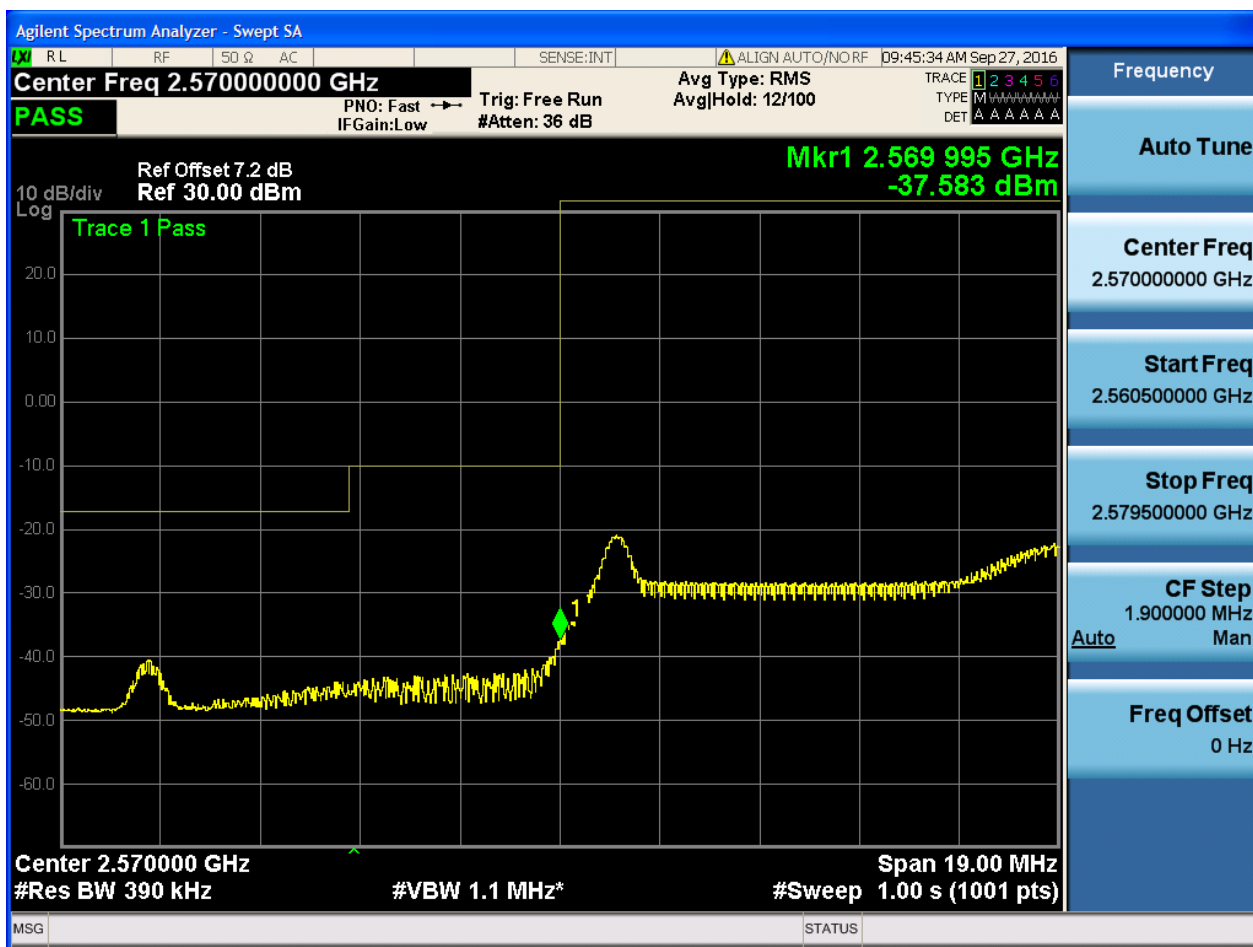
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#99



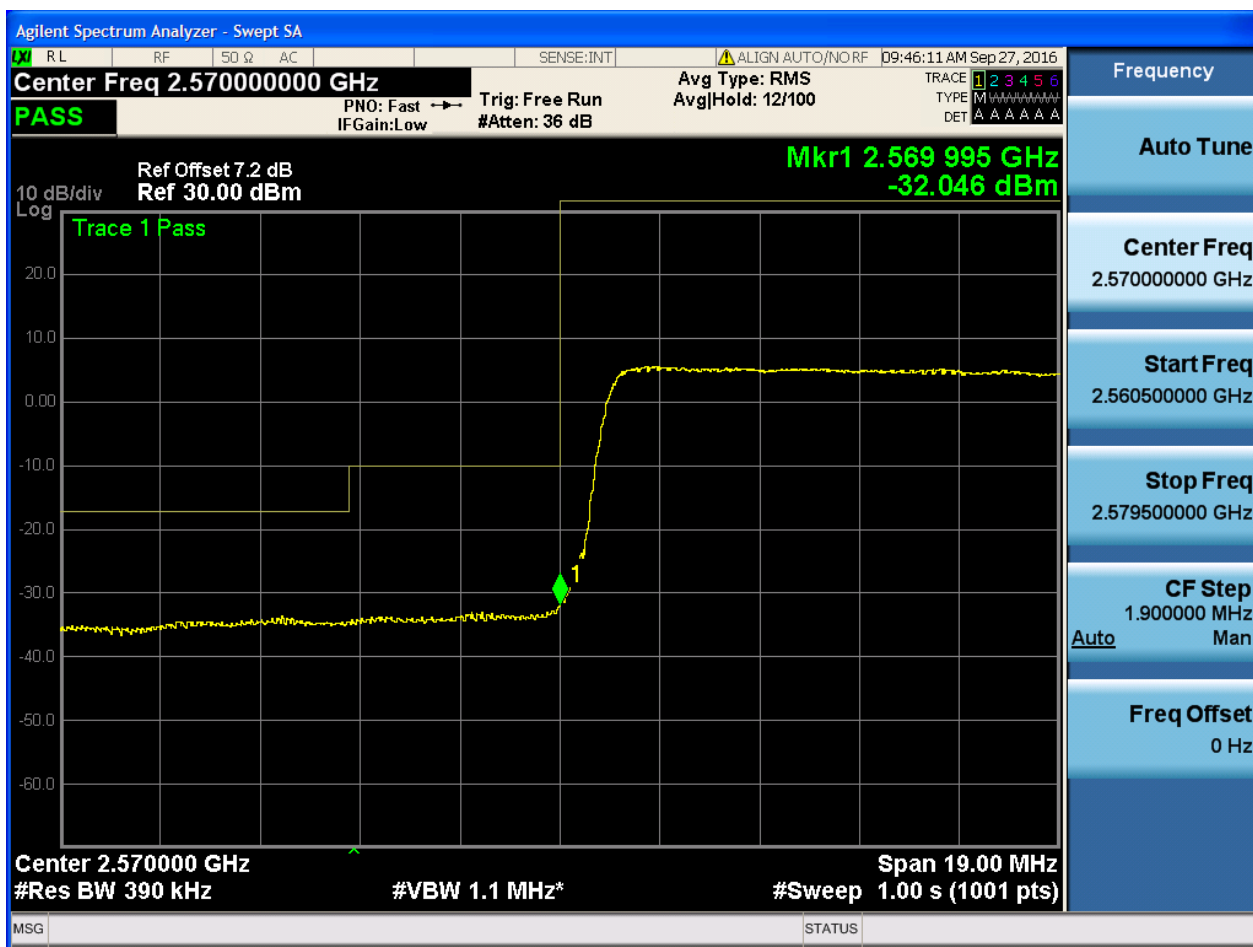


5.1.1.2.4.1.3 Test RB = RB50#25





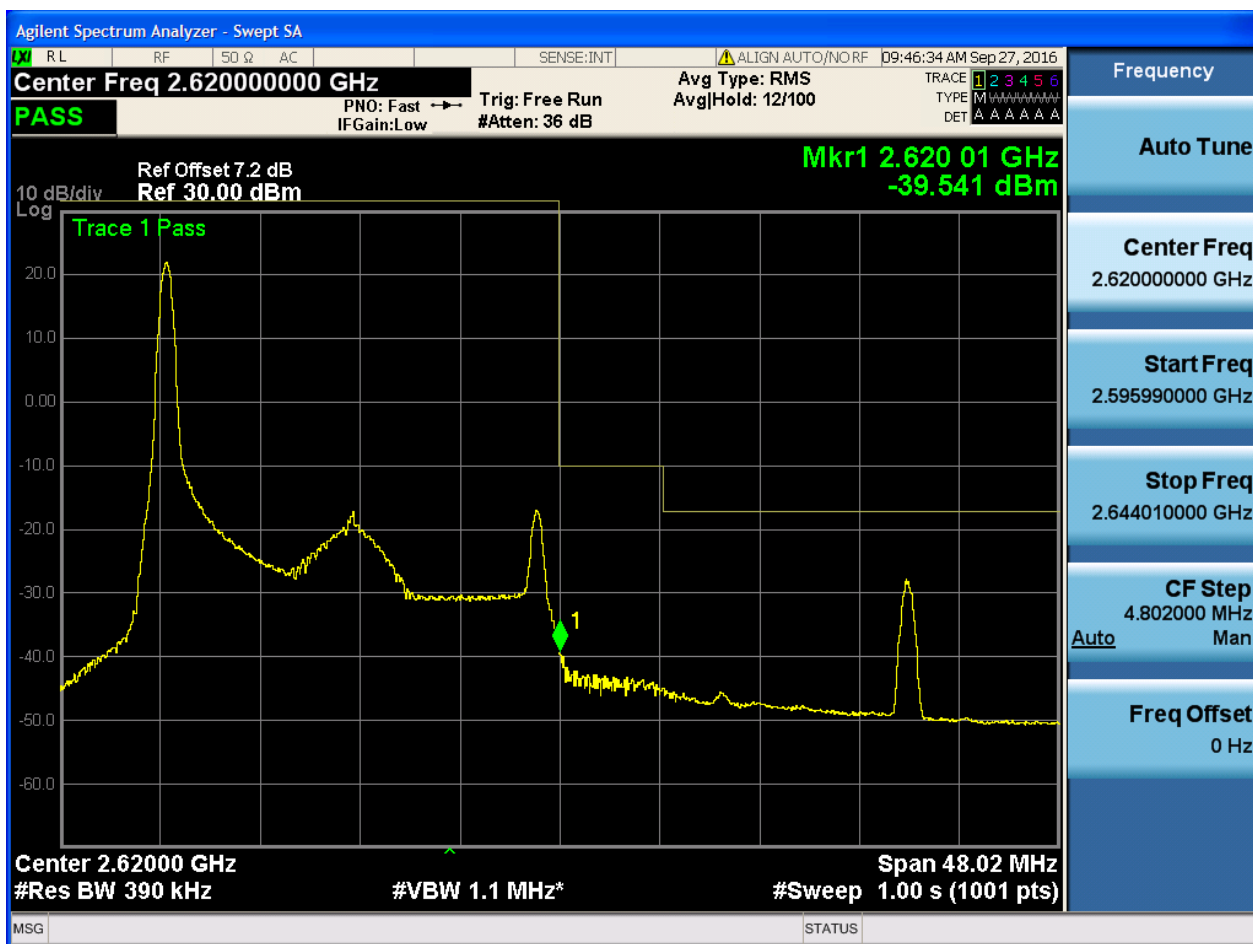
5.1.1.2.4.1.4 Test RB = RB100#0





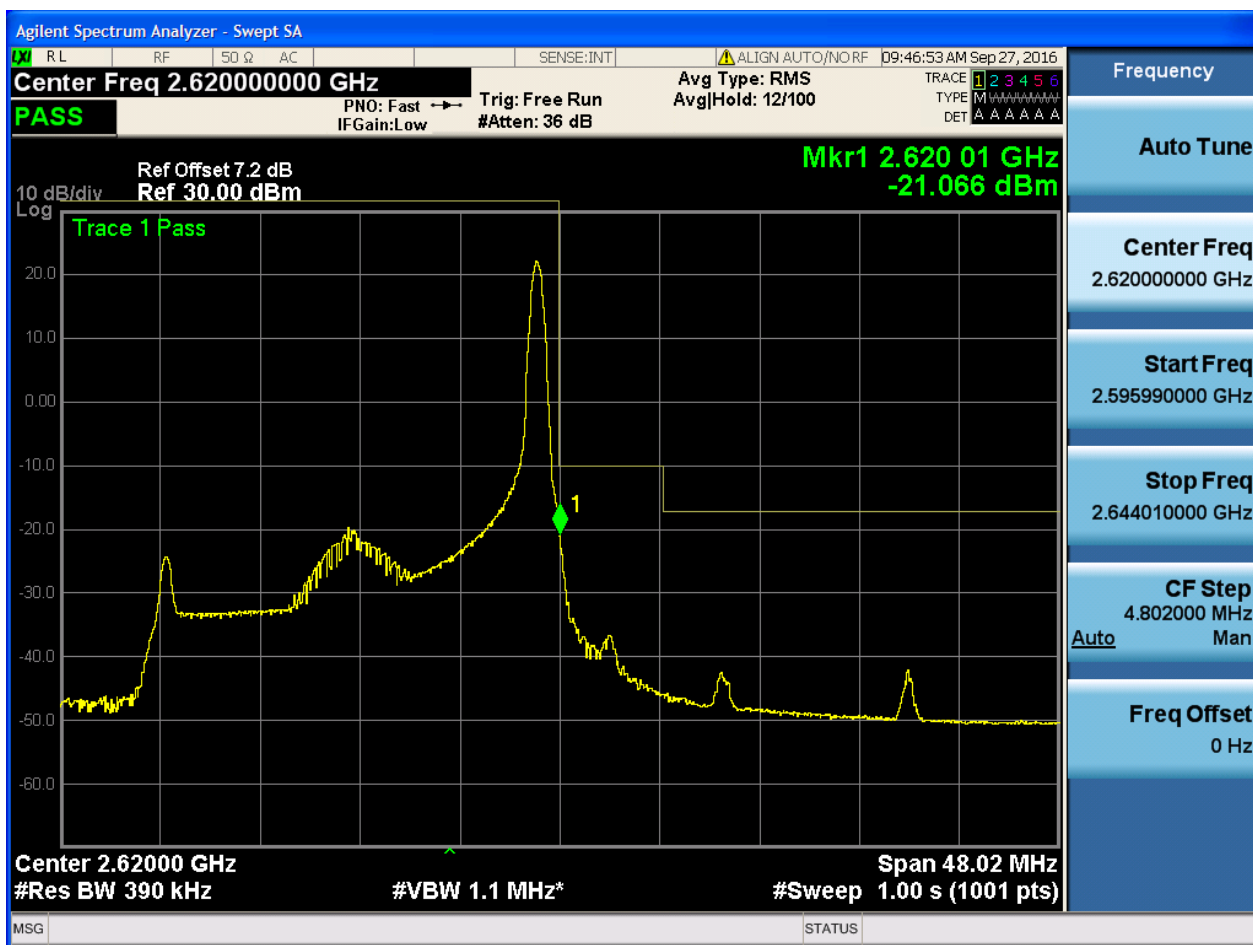
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





5.1.1.2.4.2.2 Test RB = RB1#99





5.1.1.2.4.2.3 Test RB = RB50#25





5.1.1.2.4.2.4 Test RB = RB100#0



6Appendix_F: Spurious Emission at Antenna Terminal

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

Part I - Test Plots

6.1 For LTE

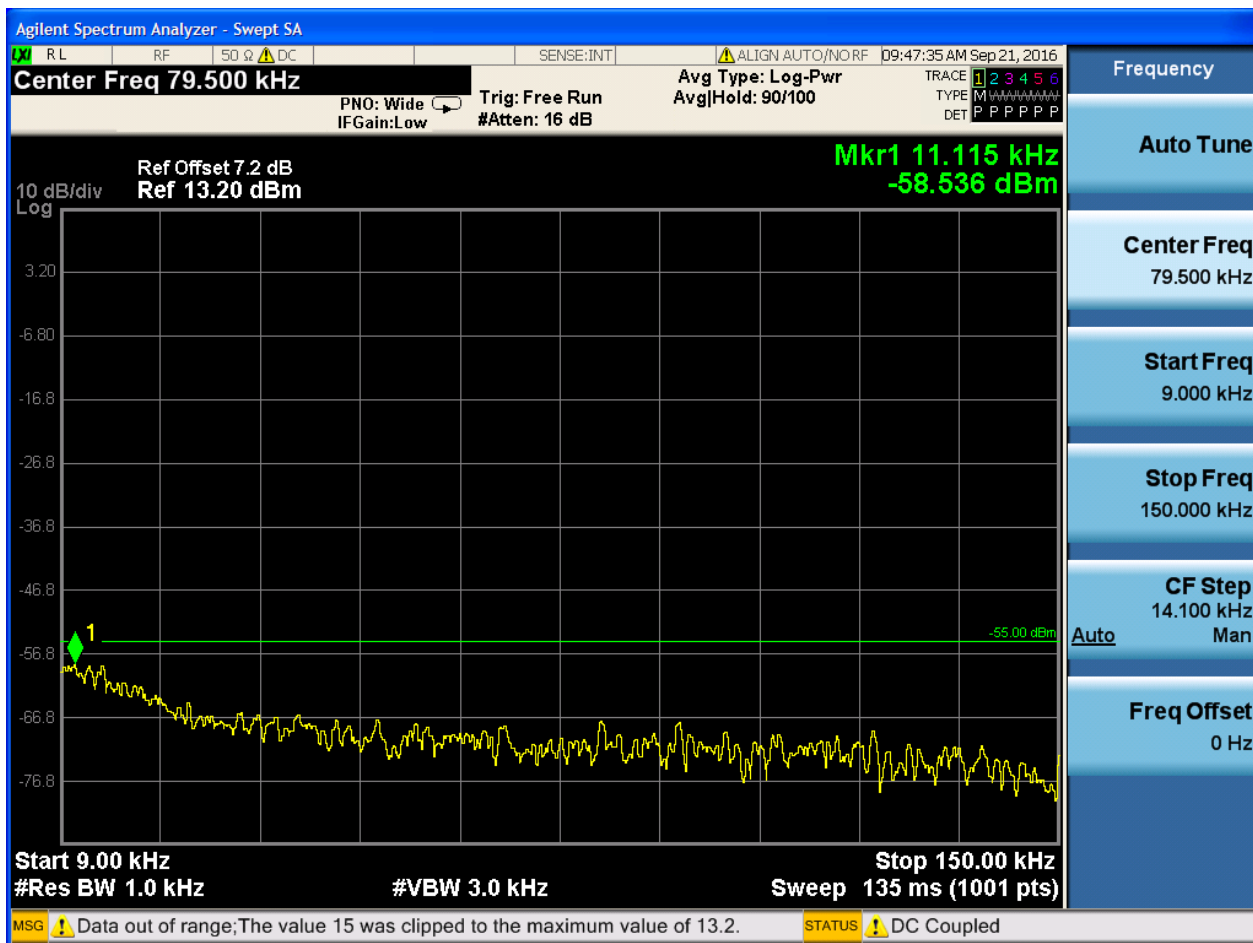
6.1.1 Test Band = BAND38

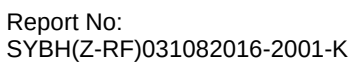
6.1.1.1 Test Mode = LTE/TM1

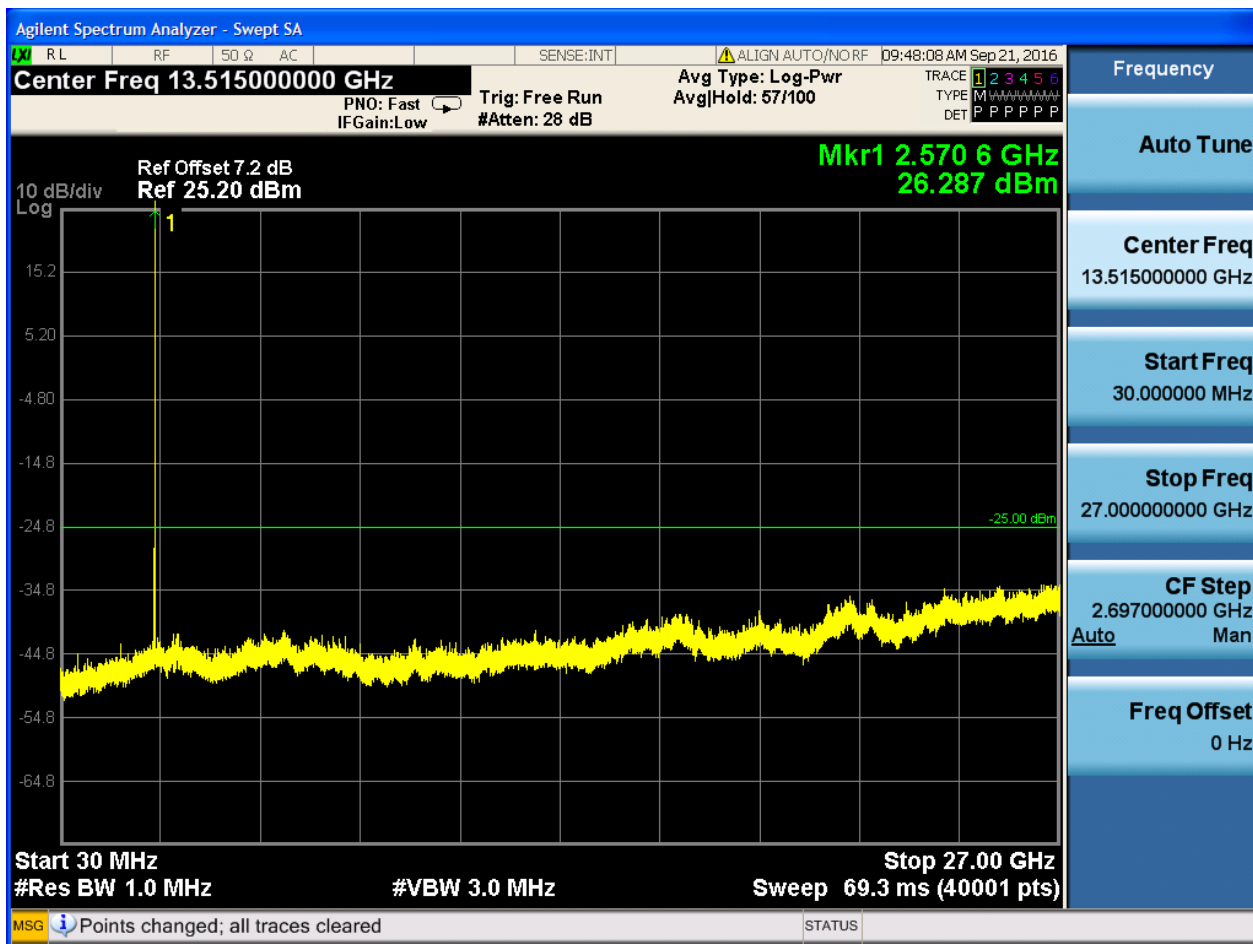
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

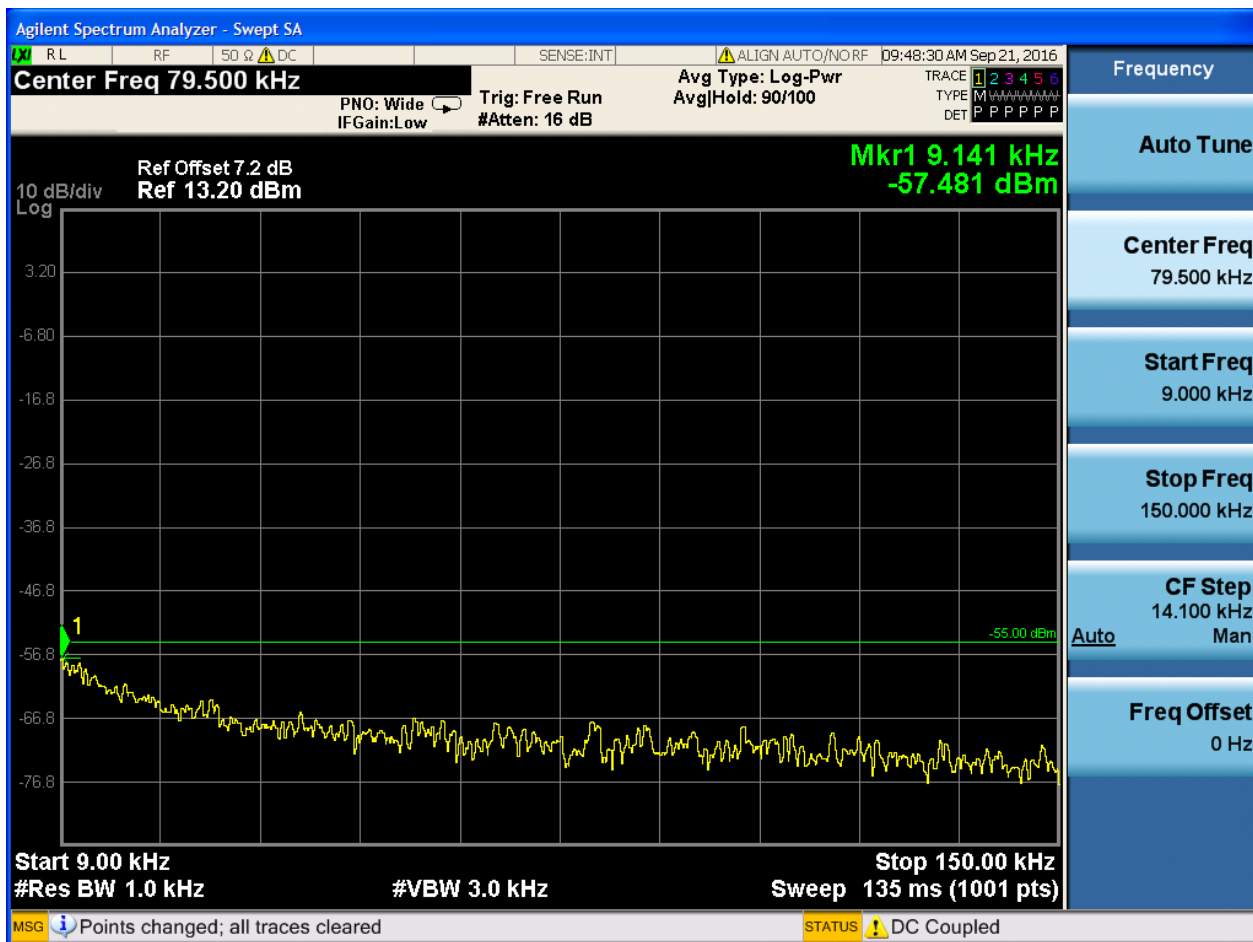




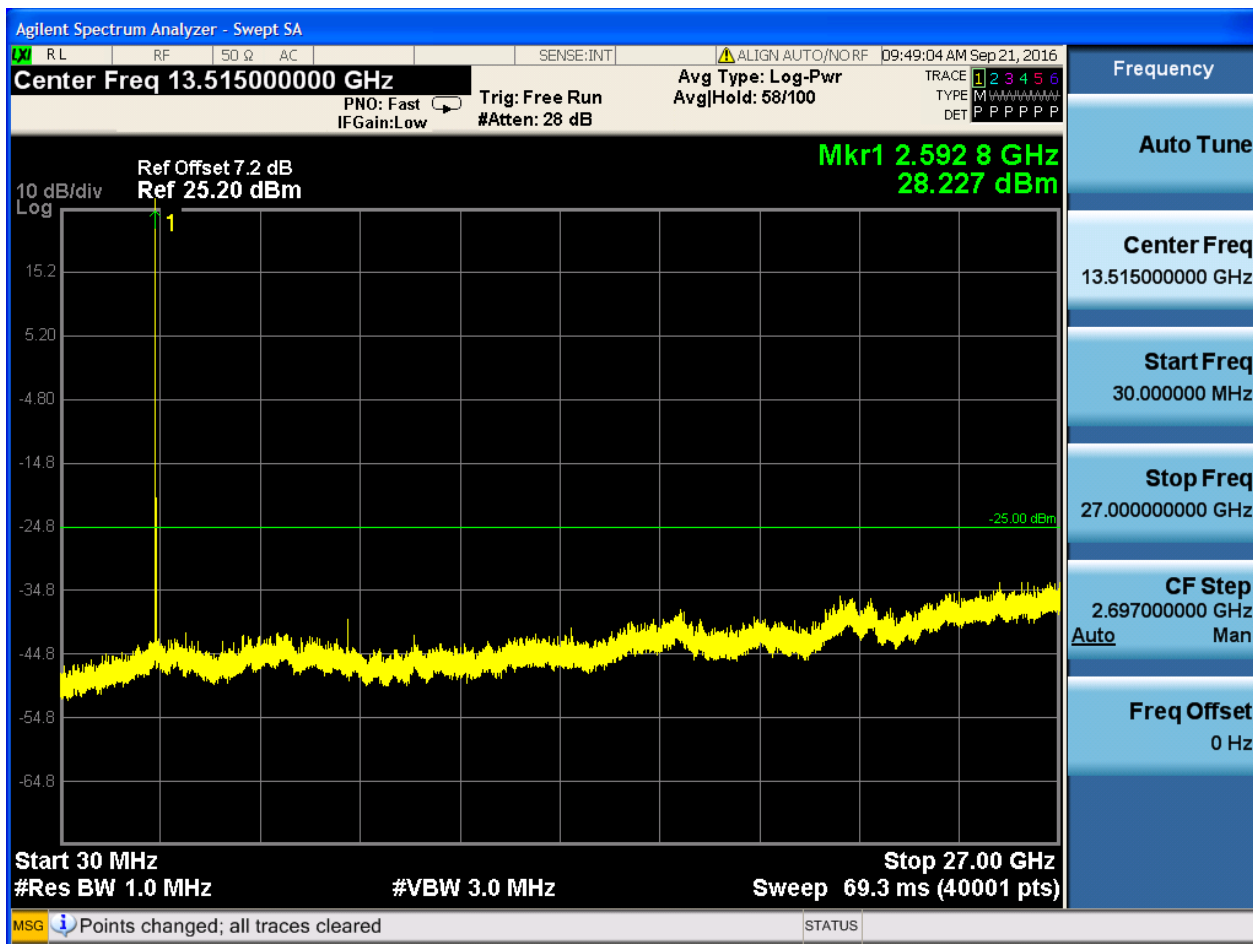


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

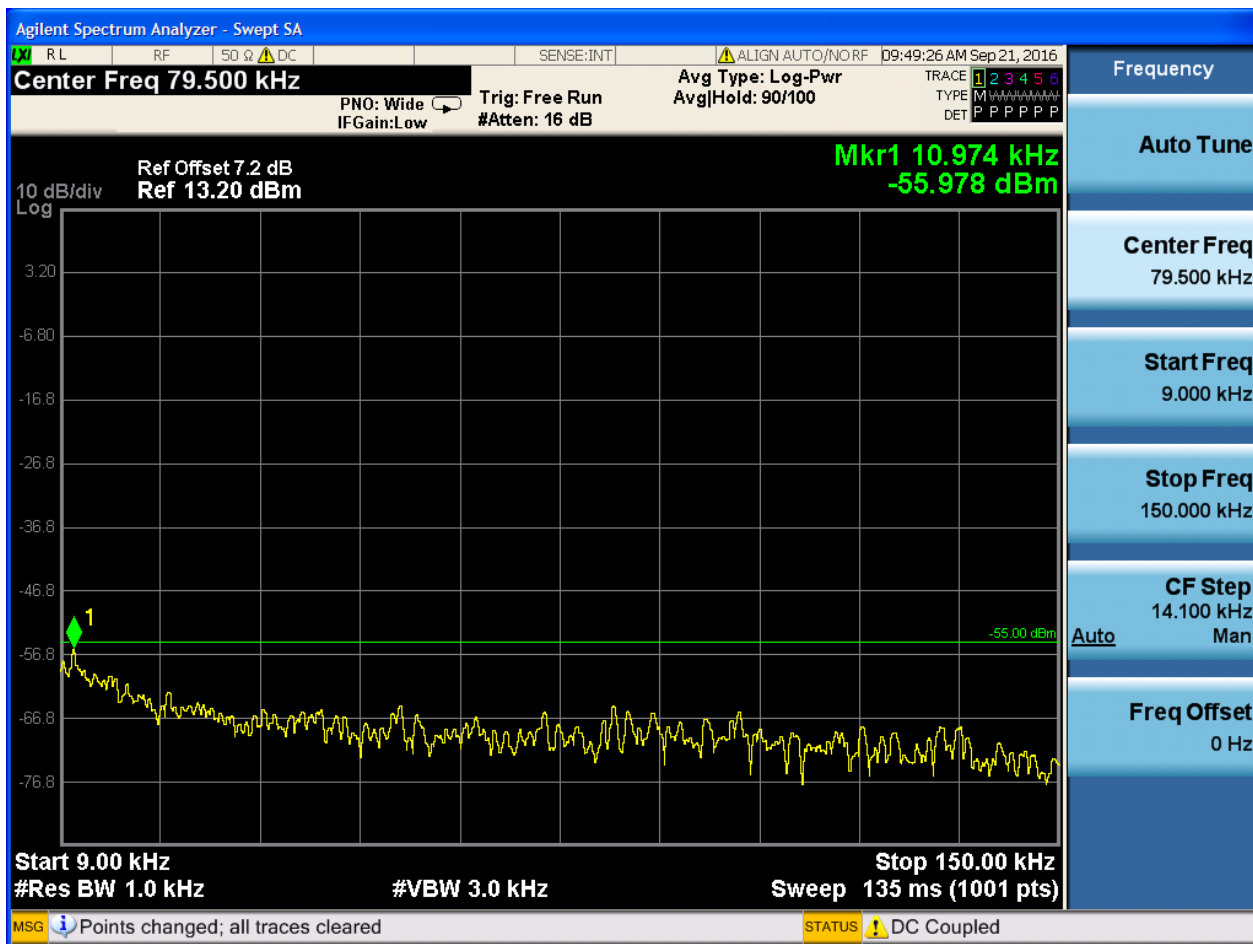


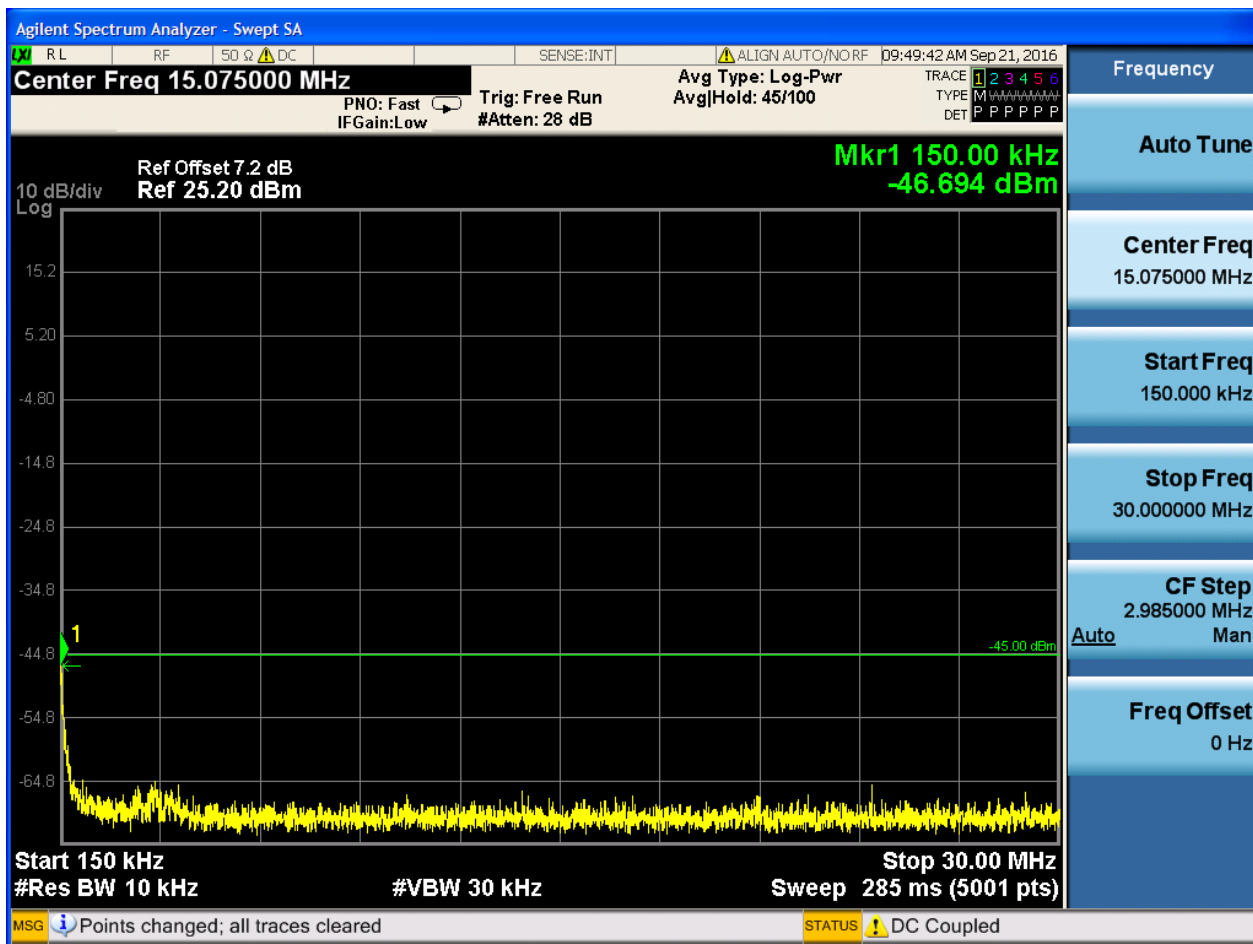


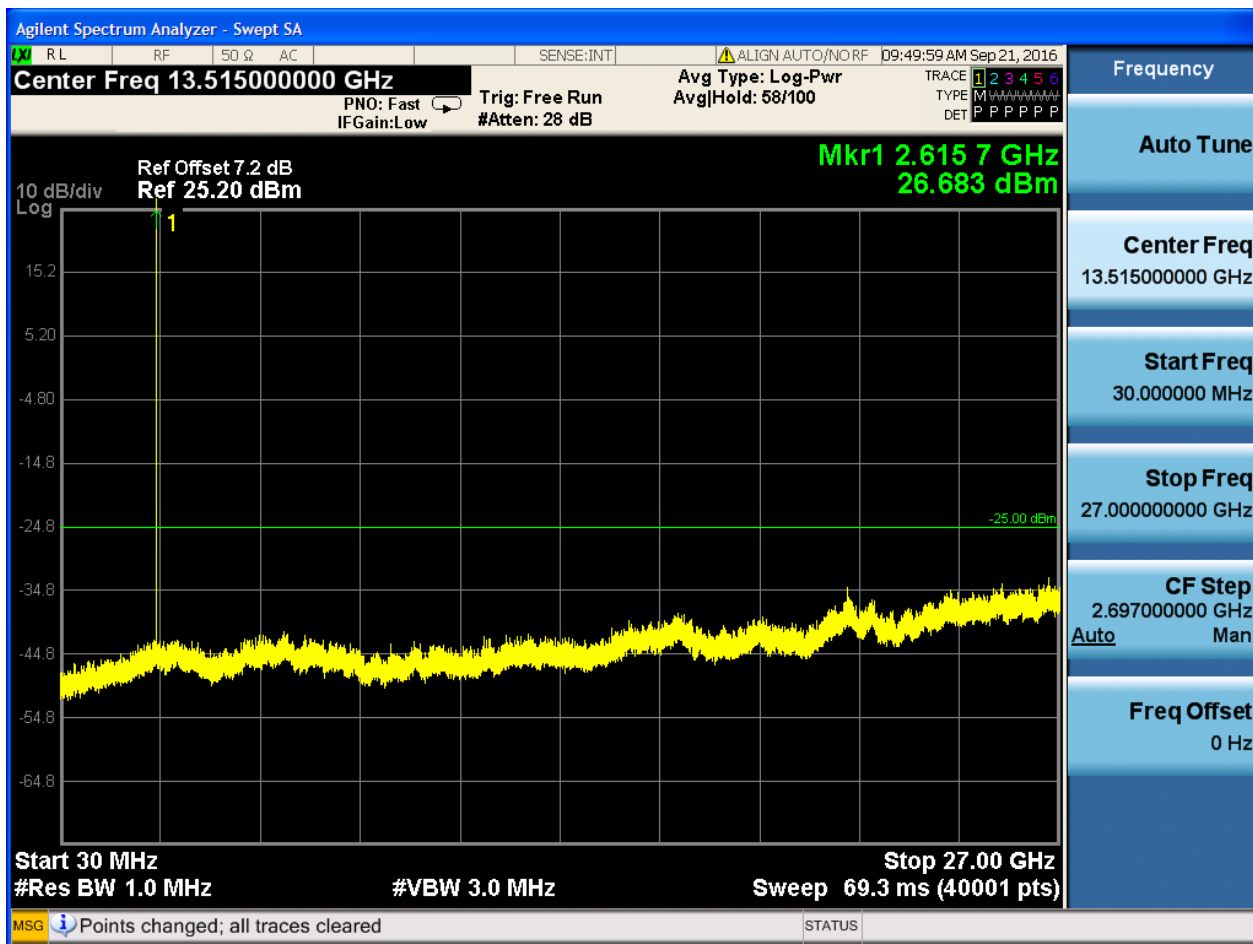


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0



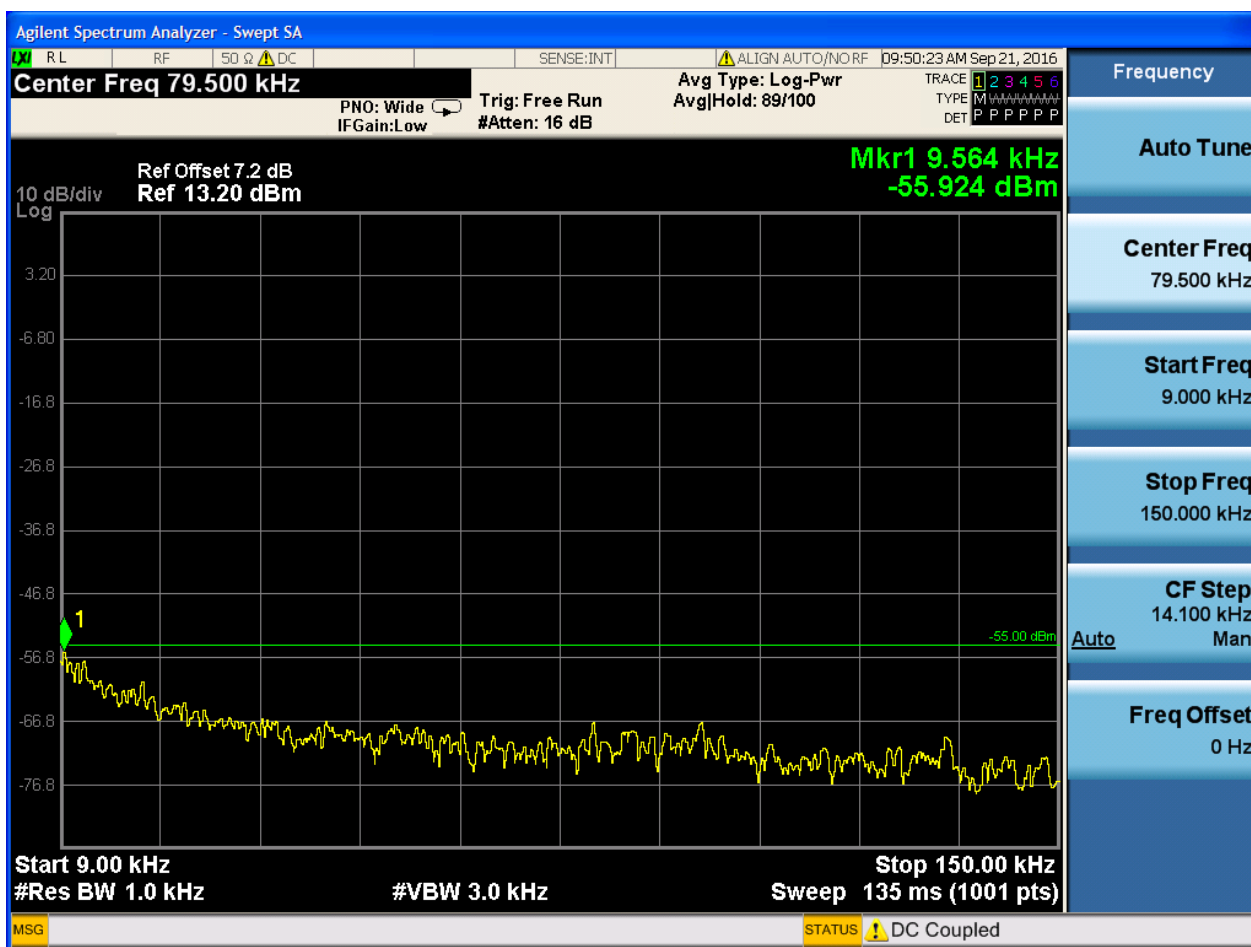


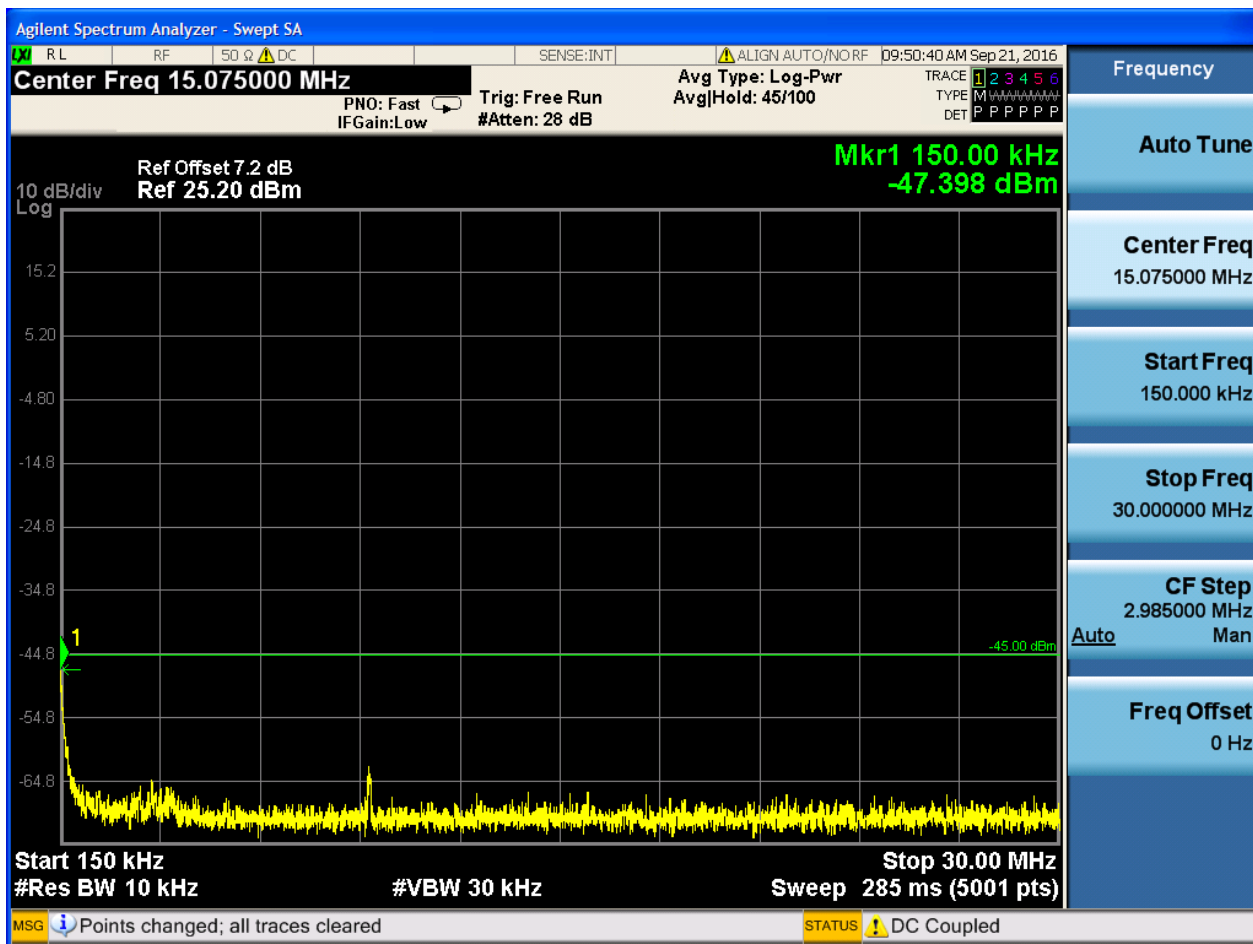


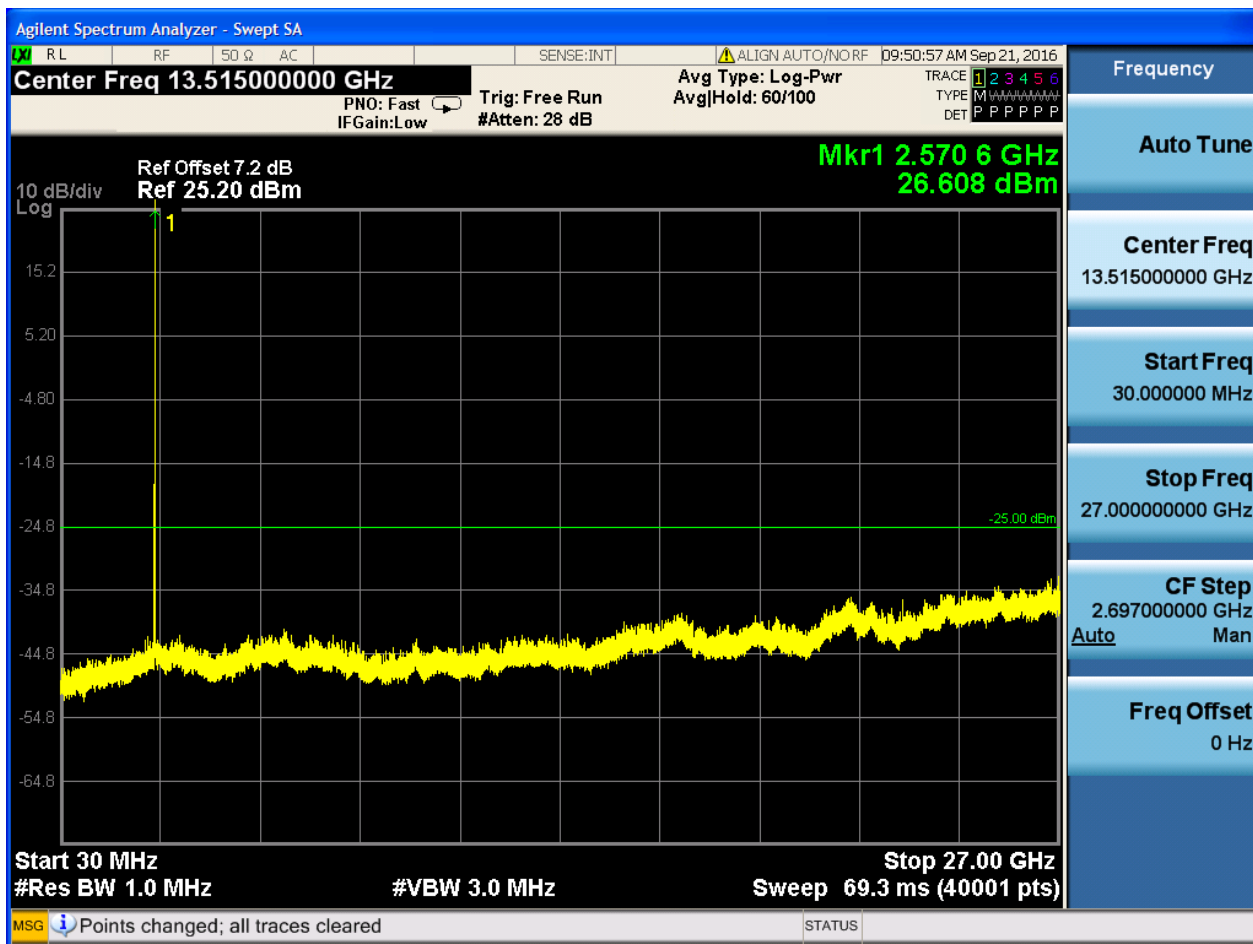
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0









6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

