



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
BAND41	LTE/TM 1	5	LCH	RB1#0	20.77	19.97	33	PASS
				RB1#13	20.97	20.17	33	PASS
				RB1#24	20.58	19.78	33	PASS
				RB12#0	21.7	20.9	33	PASS
				RB12#6	21.74	20.94	33	PASS
				RB12#13	21.61	20.81	33	PASS
			MCH	RB25#0	21.67	20.87	33	PASS
				RB1#0	20.91	20.11	33	PASS
				RB1#13	21.1	20.3	33	PASS
				RB1#24	20.66	19.86	33	PASS
				RB12#0	21.98	21.18	33	PASS
				RB12#6	21.97	21.17	33	PASS
				RB12#13	21.74	20.94	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
			HCH	RB25#0	21.84	21.04	33	PASS
				RB1#0	21.05	20.25	33	PASS
				RB1#13	21.23	20.43	33	PASS
				RB1#24	20.77	19.97	33	PASS
				RB12#0	22.23	21.43	33	PASS
				RB12#6	22.25	21.45	33	PASS
				RB12#13	22.04	21.24	33	PASS
				RB25#0	22.12	21.32	33	PASS
		10	LCH	RB1#0	20.78	19.98	33	PASS
				RB1#25	21.11	20.31	33	PASS
				RB1#49	20.75	19.95	33	PASS
				RB25#0	21.73	20.93	33	PASS
				RB25#13	21.78	20.98	33	PASS
				RB25#25	21.7	20.9	33	PASS
				RB50#0	21.71	20.91	33	PASS
			MCH	RB1#0	20.85	20.05	33	PASS
				RB1#25	21.11	20.31	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
				RB1#49	20.63	19.83	33	PASS
				RB25#0	21.85	21.05	33	PASS
				RB25#13	21.89	21.09	33	PASS
				RB25#25	21.77	20.97	33	PASS
				RB50#0	21.8	21	33	PASS
			HCH	RB1#0	20.99	20.19	33	PASS
				RB1#25	21.36	20.56	33	PASS
				RB1#49	20.88	20.08	33	PASS
				RB25#0	22.14	21.34	33	PASS
				RB25#13	22.22	21.42	33	PASS
				RB25#25	22.1	21.3	33	PASS
				RB50#0	22.13	21.33	33	PASS
		15	LCH	RB1#0	20.63	19.83	33	PASS
				RB1#38	21.14	20.34	33	PASS
				RB1#74	20.57	19.77	33	PASS
				RB36#0	21.71	20.91	33	PASS
				RB36#18	21.83	21.03	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
				RB36#39	21.67	20.87	33	PASS
				RB75#0	21.71	20.91	33	PASS
			MCH	RB1#0	20.7	19.9	33	PASS
				RB1#38	21.16	20.36	33	PASS
				RB1#74	20.53	19.73	33	PASS
				RB36#0	21.85	21.05	33	PASS
				RB36#18	22.03	21.23	33	PASS
				RB36#39	21.81	21.01	33	PASS
				RB75#0	21.91	21.11	33	PASS
			HCH	RB1#0	20.86	20.06	33	PASS
				RB1#38	21.27	20.47	33	PASS
				RB1#74	20.76	19.96	33	PASS
				RB36#0	22.07	21.27	33	PASS
				RB36#18	22.16	21.36	33	PASS
				RB36#39	22.03	21.23	33	PASS
				RB75#0	22	21.2	33	PASS
		20	LCH	RB1#0	20.57	19.77	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
				RB1#50	20.86	20.06	33	PASS
				RB1#99	20.46	19.66	33	PASS
				RB50#0	21.84	21.04	33	PASS
				RB50#25	21.88	21.08	33	PASS
				RB50#50	21.83	21.03	33	PASS
				RB100#0	21.84	21.04	33	PASS
			MCH	RB1#0	20.62	19.82	33	PASS
				RB1#50	20.84	20.04	33	PASS
				RB1#99	20.42	19.62	33	PASS
				RB50#0	21.95	21.15	33	PASS
				RB50#25	22.02	21.22	33	PASS
				RB50#50	21.87	21.07	33	PASS
				RB100#0	21.99	21.19	33	PASS
			HCH	RB1#0	20.64	19.84	33	PASS
				RB1#50	20.87	20.07	33	PASS
				RB1#99	20.58	19.78	33	PASS
				RB50#0	22.16	21.36	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
				RB50#25	22.15	21.35	33	PASS
				RB50#50	22.03	21.23	33	PASS
				RB100#0	22.09	21.29	33	PASS
	LTE/TM 2	5	LCH	RB1#0	20.82	20.02	33	PASS
				RB1#13	21.01	20.21	33	PASS
				RB1#24	20.64	19.84	33	PASS
				RB12#0	20.71	19.91	33	PASS
				RB12#6	20.75	19.95	33	PASS
				RB12#13	20.58	19.78	33	PASS
				RB25#0	20.62	19.82	33	PASS
			MCH	RB1#0	21.41	20.61	33	PASS
				RB1#13	21.61	20.81	33	PASS
				RB1#24	21.16	20.36	33	PASS
				RB12#0	20.94	20.14	33	PASS
				RB12#6	20.94	20.14	33	PASS
				RB12#13	20.7	19.9	33	PASS
				RB25#0	20.72	19.92	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
			HCH	RB1#0	21.65	20.85	33	PASS
				RB1#13	21.83	21.03	33	PASS
				RB1#24	21.38	20.58	33	PASS
				RB12#0	20.93	20.13	33	PASS
				RB12#6	20.95	20.15	33	PASS
				RB12#13	20.74	19.94	33	PASS
				RB25#0	20.89	20.09	33	PASS
		10	LCH	RB1#0	20.72	19.92	33	PASS
				RB1#25	21.04	20.24	33	PASS
				RB1#49	20.73	19.93	33	PASS
				RB25#0	20.71	19.91	33	PASS
				RB25#13	20.76	19.96	33	PASS
				RB25#25	20.67	19.87	33	PASS
				RB50#0	20.72	19.92	33	PASS
			MCH	RB1#0	21.06	20.26	33	PASS
				RB1#25	21.33	20.53	33	PASS
				RB1#49	20.87	20.07	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
				RB25#0	20.75	19.95	33	PASS
				RB25#13	20.78	19.98	33	PASS
				RB25#25	20.66	19.86	33	PASS
				RB50#0	20.67	19.87	33	PASS
			HCH	RB1#0	21.17	20.37	33	PASS
				RB1#25	21.48	20.68	33	PASS
				RB1#49	21.05	20.25	33	PASS
				RB25#0	20.84	20.04	33	PASS
				RB25#13	20.93	20.13	33	PASS
				RB25#25	20.8	20	33	PASS
				RB50#0	20.88	20.08	33	PASS
		15	LCH	RB1#0	20.48	19.68	33	PASS
				RB1#38	21.08	20.28	33	PASS
				RB1#74	20.56	19.76	33	PASS
				RB36#0	20.7	19.9	33	PASS
				RB36#18	20.82	20.02	33	PASS
				RB36#39	20.66	19.86	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
				RB75#0	20.63	19.83	33	PASS
				RB1#0	20.88	20.08	33	PASS
			MCH	RB1#38	21.34	20.54	33	PASS
				RB1#74	20.75	19.95	33	PASS
				RB36#0	20.64	19.84	33	PASS
				RB36#18	20.75	19.95	33	PASS
				RB36#39	20.6	19.8	33	PASS
				RB75#0	20.76	19.96	33	PASS
			HCH	RB1#0	21.02	20.22	33	PASS
				RB1#38	21.43	20.63	33	PASS
				RB1#74	20.94	20.14	33	PASS
				RB36#0	20.82	20.02	33	PASS
				RB36#18	20.91	20.11	33	PASS
				RB36#39	20.78	19.98	33	PASS
				RB75#0	20.78	19.98	33	PASS
		20	LCH	RB1#0	20.88	20.08	33	PASS
				RB1#50	21.16	20.36	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
				RB1#99	20.8	20	33	PASS
				RB50#0	20.8	20	33	PASS
				RB50#25	20.84	20.04	33	PASS
				RB50#50	20.73	19.93	33	PASS
				RB100#0	20.79	19.99	33	PASS
			MCH	RB1#0	20.61	19.81	33	PASS
				RB1#50	20.84	20.04	33	PASS
				RB1#99	20.44	19.64	33	PASS
				RB50#0	20.79	19.99	33	PASS
				RB50#25	20.79	19.99	33	PASS
				RB50#50	20.7	19.9	33	PASS
				RB100#0	20.87	20.07	33	PASS
			HCH	RB1#0	20.72	19.92	33	PASS
				RB1#50	20.94	20.14	33	PASS
				RB1#99	20.73	19.93	33	PASS
				RB50#0	20.9	20.1	33	PASS
				RB50#25	20.96	20.16	33	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured [dB]	EIRP [dBm]	Limit [dB]	Verdict
				RB50#50	20.84	20.04	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
BAND41	LTE/TM1	5	LCH	RB1#0	3.89	13	PASS
				RB1#13	3.78	13	PASS
				RB1#24	4.05	13	PASS
				RB12#0	4.09	13	PASS
				RB12#6	3.79	13	PASS
				RB12#13	4.17	13	PASS
				RB25#0	4.81	13	PASS
			MCH	RB1#0	4.35	13	PASS
				RB1#13	4.32	13	PASS
				RB1#24	4.57	13	PASS
				RB12#0	5.02	13	PASS
				RB12#6	4.87	13	PASS
				RB12#13	5.13	13	PASS
				RB25#0	5.52	13	PASS
			HCH	RB1#0	4.18	13	PASS
				RB1#13	4.14	13	PASS
				RB1#24	4.39	13	PASS
				RB12#0	5.01	13	PASS
				RB12#6	4.82	13	PASS
				RB12#13	5.08	13	PASS
				RB25#0	5.74	13	PASS
		10	LCH	RB1#0	3.9	13	PASS
				RB1#25	3.72	13	PASS
				RB1#49	4	13	PASS
				RB25#0	4.13	13	PASS
				RB25#13	3.87	13	PASS
				RB25#25	4.27	13	PASS
				RB50#0	4.88	13	PASS
			MCH	RB1#0	4.29	13	PASS
				RB1#25	4.19	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.54	13	PASS
				RB25#0	4.91	13	PASS
				RB25#13	4.87	13	PASS
				RB25#25	5.08	13	PASS
				RB50#0	5.75	13	PASS
			HCH	RB1#0	4.76	13	PASS
				RB1#25	4.6	13	PASS
				RB1#49	4.88	13	PASS
				RB25#0	5.28	13	PASS
				RB25#13	5.2	13	PASS
				RB25#25	5.28	13	PASS
				RB50#0	5.69	13	PASS
		15	LCH	RB1#0	3.98	13	PASS
				RB1#38	3.64	13	PASS
				RB1#74	4.1	13	PASS
				RB36#0	4.39	13	PASS
				RB36#18	4.01	13	PASS
				RB36#39	4.37	13	PASS
				RB75#0	5.16	13	PASS
			MCH	RB1#0	4.35	13	PASS
				RB1#38	4.24	13	PASS
				RB1#74	4.59	13	PASS
				RB36#0	5.13	13	PASS
				RB36#18	5.01	13	PASS
				RB36#39	5.36	13	PASS
				RB75#0	5.61	13	PASS
			HCH	RB1#0	4.51	13	PASS
				RB1#38	4.32	13	PASS
				RB1#74	4.57	13	PASS
				RB36#0	5.54	13	PASS
				RB36#18	5.42	13	PASS
				RB36#39	5.51	13	PASS
				RB75#0	5.86	13	PASS
		20	LCH	RB1#0	3.89	13	PASS
				RB1#50	3.73	13	PASS
				RB1#99	4.19	13	PASS
				RB50#0	4.32	13	PASS
				RB50#25	4.02	13	PASS
				RB50#50	4.43	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	5.18	13	PASS
			MCH	RB1#0	4.43	13	PASS
				RB1#50	4.32	13	PASS
				RB1#99	4.73	13	PASS
				RB50#0	5.03	13	PASS
				RB50#25	5.13	13	PASS
				RB50#50	5.26	13	PASS
				RB100#0	5.66	13	PASS
			HCH	RB1#0	4.52	13	PASS
				RB1#50	4.34	13	PASS
				RB1#99	4.61	13	PASS
				RB50#0	5.42	13	PASS
				RB50#25	5.33	13	PASS
				RB50#50	5.51	13	PASS
				RB100#0	5.91	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.29	13	PASS
				RB1#13	4.25	13	PASS
				RB1#24	4.47	13	PASS
				RB12#0	4.98	13	PASS
				RB12#6	4.76	13	PASS
				RB12#13	5.11	13	PASS
				RB25#0	5.66	13	PASS
			MCH	RB1#0	5.42	13	PASS
				RB1#13	5.57	13	PASS
				RB1#24	5.52	13	PASS
				RB12#0	5.57	13	PASS
				RB12#6	5.51	13	PASS
				RB12#13	5.66	13	PASS
				RB25#0	6	13	PASS
			HCH	RB1#0	5.25	13	PASS
				RB1#13	5.32	13	PASS
				RB1#24	5.35	13	PASS
				RB12#0	5.83	13	PASS
				RB12#6	5.76	13	PASS
				RB12#13	5.86	13	PASS
				RB25#0	6.48	13	PASS
		10	LCH	RB1#0	4.5	13	PASS
				RB1#25	4.06	13	PASS
				RB1#49	4.3	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.12	13	PASS
				RB25#13	4.93	13	PASS
				RB25#25	5.1	13	PASS
				RB50#0	5.84	13	PASS
			MCH	RB1#0	4.74	13	PASS
				RB1#25	4.68	13	PASS
				RB1#49	4.91	13	PASS
				RB25#0	5.76	13	PASS
				RB25#13	5.89	13	PASS
				RB25#25	5.85	13	PASS
				RB50#0	6.56	13	PASS
			HCH	RB1#0	5.39	13	PASS
				RB1#25	5.33	13	PASS
				RB1#49	5.43	13	PASS
				RB25#0	6.05	13	PASS
				RB25#13	6.16	13	PASS
				RB25#25	6.14	13	PASS
				RB50#0	6.56	13	PASS
		15	LCH	RB1#0	4.67	13	PASS
				RB1#38	4.48	13	PASS
				RB1#74	4.93	13	PASS
				RB36#0	5.23	13	PASS
				RB36#18	4.96	13	PASS
				RB36#39	5.56	13	PASS
				RB75#0	6.09	13	PASS
			MCH	RB1#0	5.35	13	PASS
				RB1#38	5.29	13	PASS
				RB1#74	5.47	13	PASS
				RB36#0	6.06	13	PASS
				RB36#18	6.04	13	PASS
				RB36#39	6.03	13	PASS
				RB75#0	6.53	13	PASS
			HCH	RB1#0	4.81	13	PASS
				RB1#38	4.78	13	PASS
				RB1#74	4.92	13	PASS
				RB36#0	6.23	13	PASS
				RB36#18	6.24	13	PASS
				RB36#39	6.13	13	PASS
				RB75#0	6.76	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	4.7	13	PASS
				RB1#50	4.3	13	PASS
				RB1#99	4.9	13	PASS
				RB50#0	5.23	13	PASS
				RB50#25	5.05	13	PASS
				RB50#50	5.39	13	PASS
				RB100#0	6.01	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#50	4.78	13	PASS
				RB1#99	5.06	13	PASS
				RB50#0	5.92	13	PASS
				RB50#25	5.9	13	PASS
				RB50#50	6.06	13	PASS
				RB100#0	6.44	13	PASS
			HCH	RB1#0	5.49	13	PASS
				RB1#50	5.35	13	PASS
				RB1#99	5.56	13	PASS
				RB50#0	6.28	13	PASS
				RB50#25	6.28	13	PASS
				RB50#50	6.3	13	PASS
				RB100#0	6.79	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

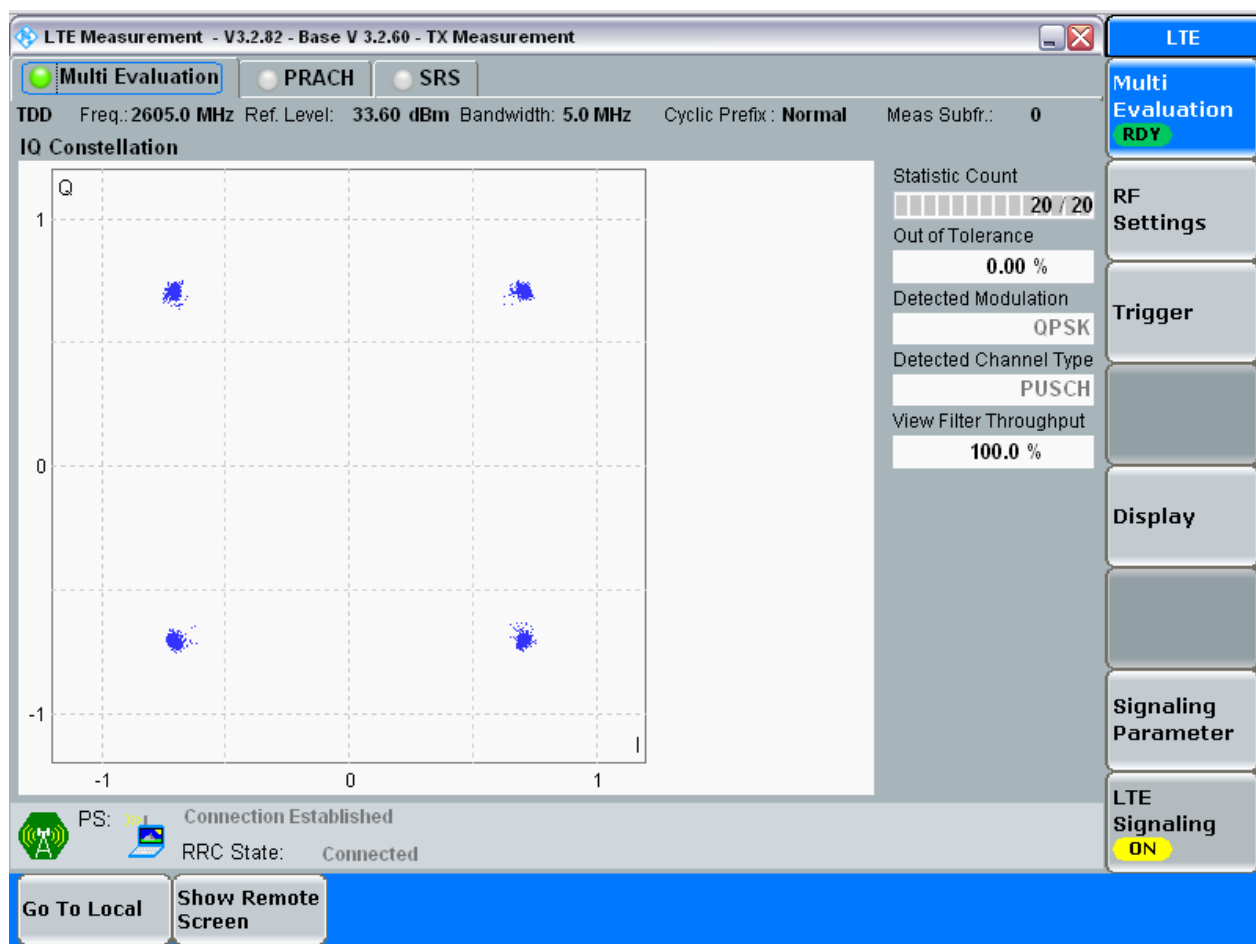
3.1.1 Test Band = BAND41

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

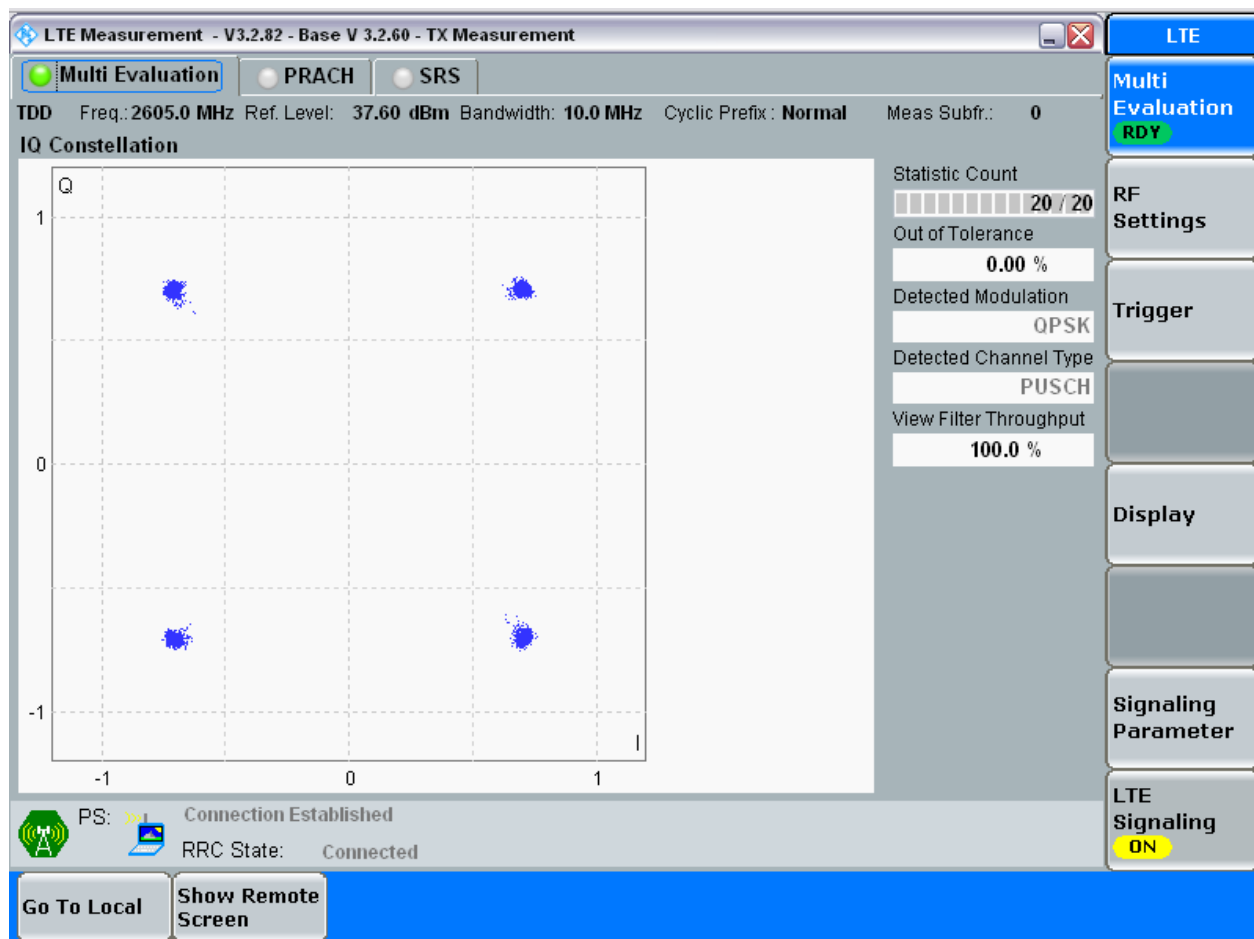
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

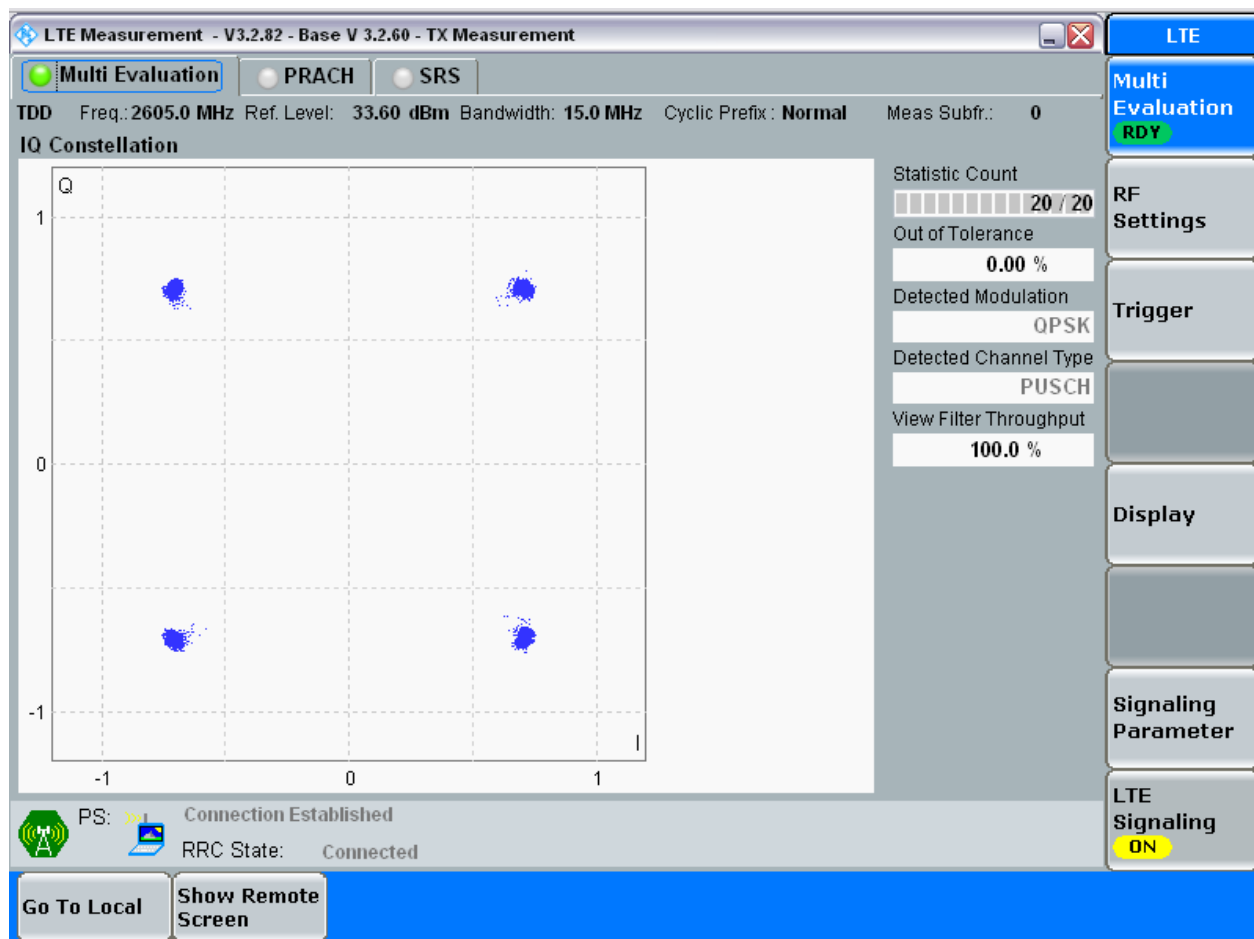
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

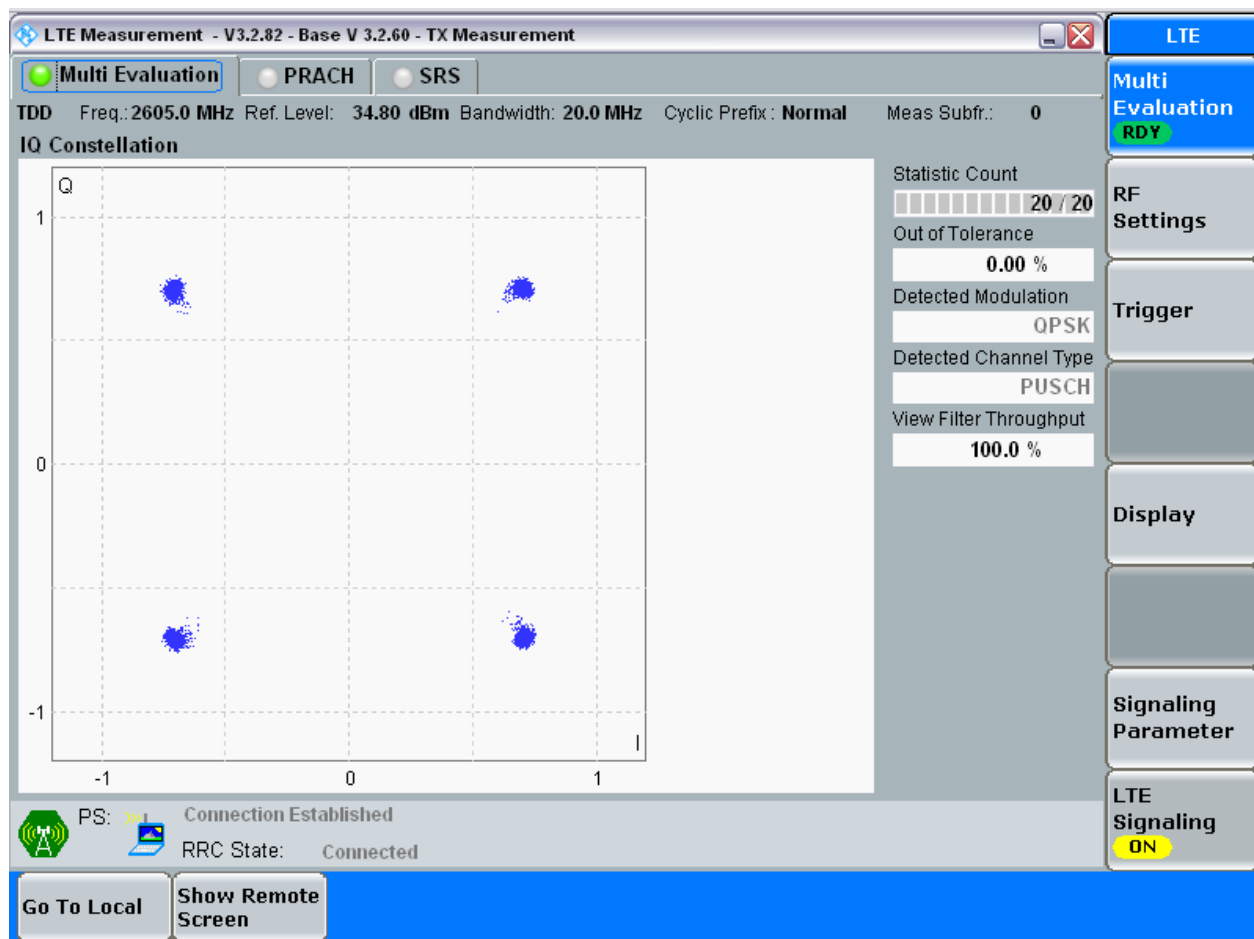
3.1.1.1.3.1.1 Test RB = RB75#0



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

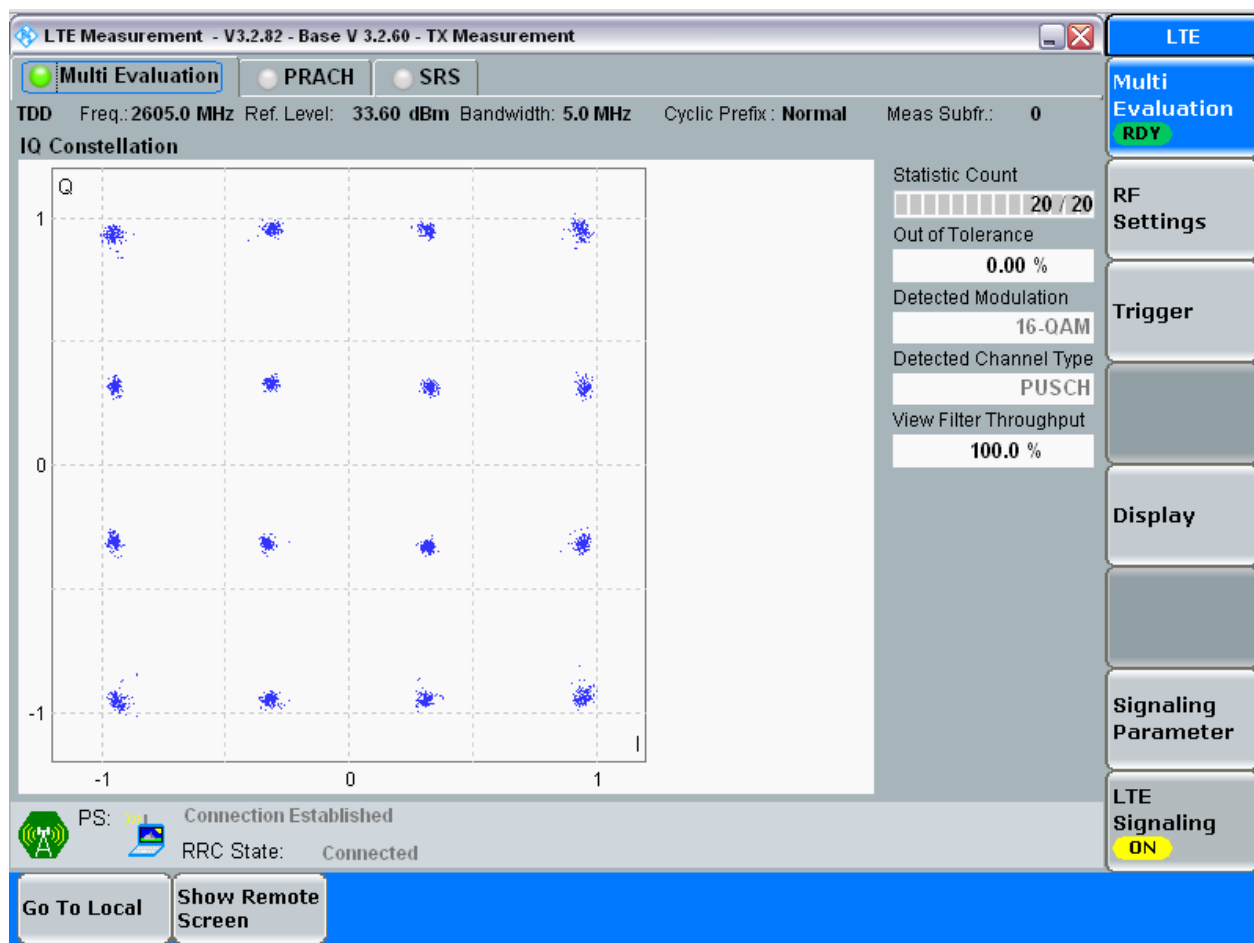


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

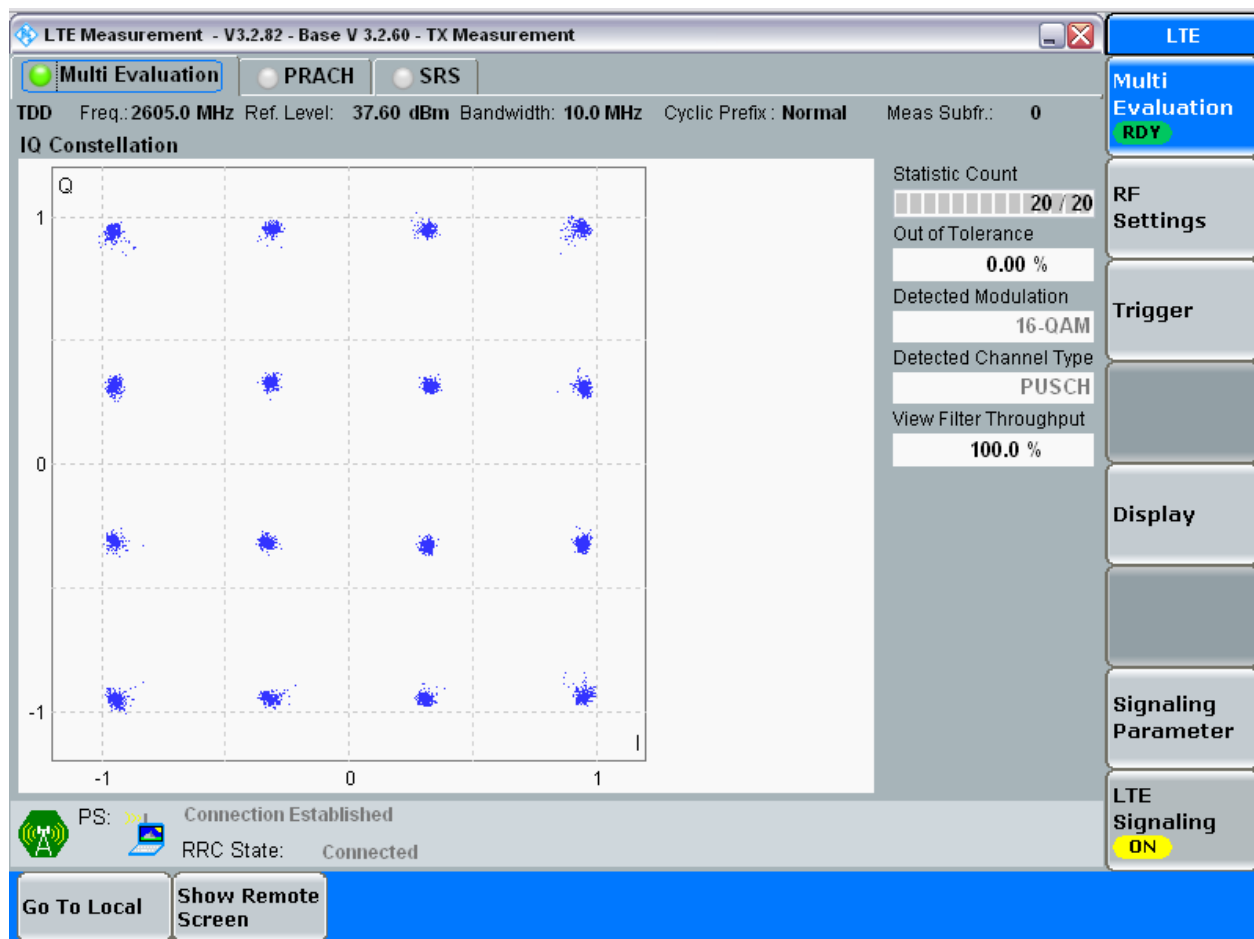
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

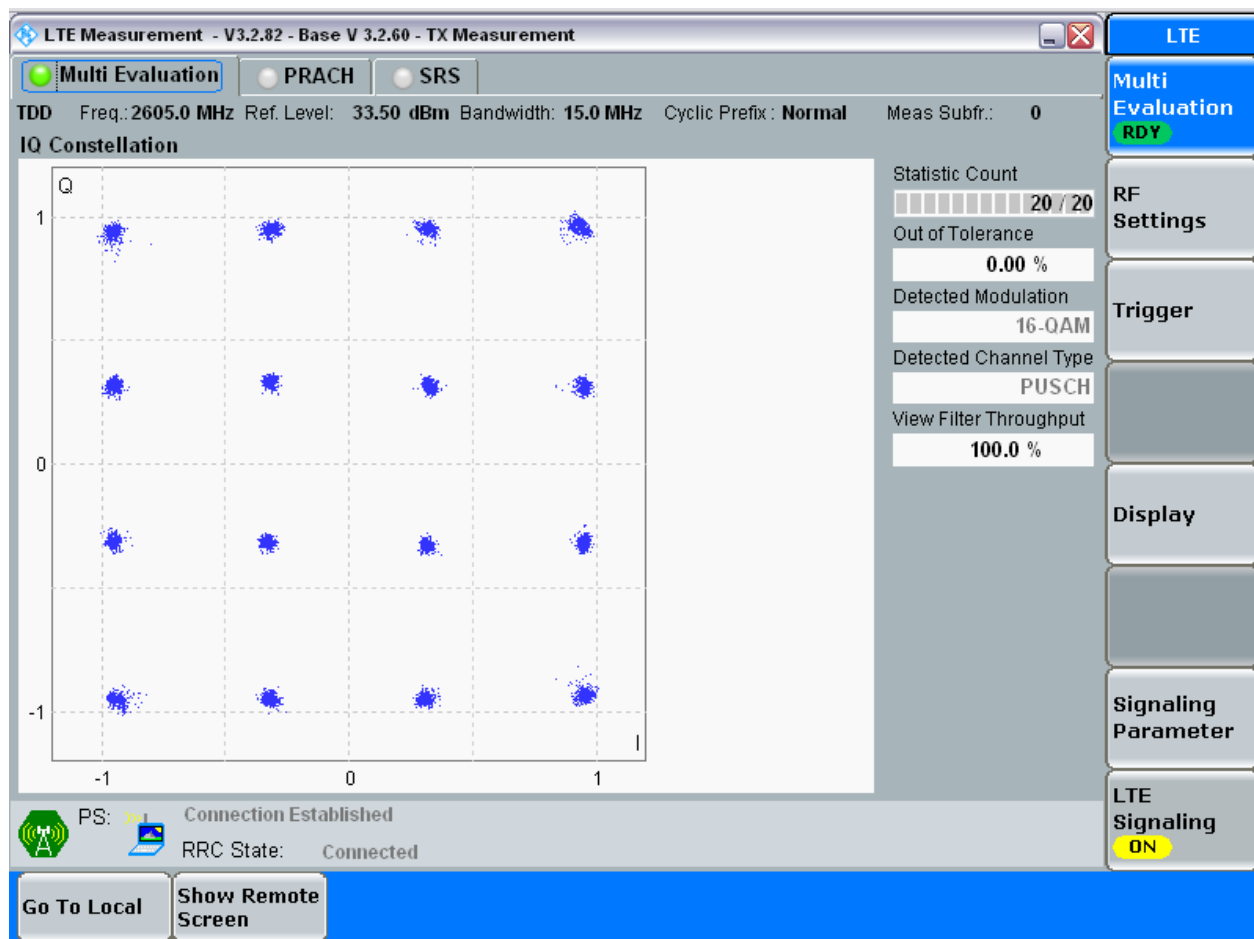
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

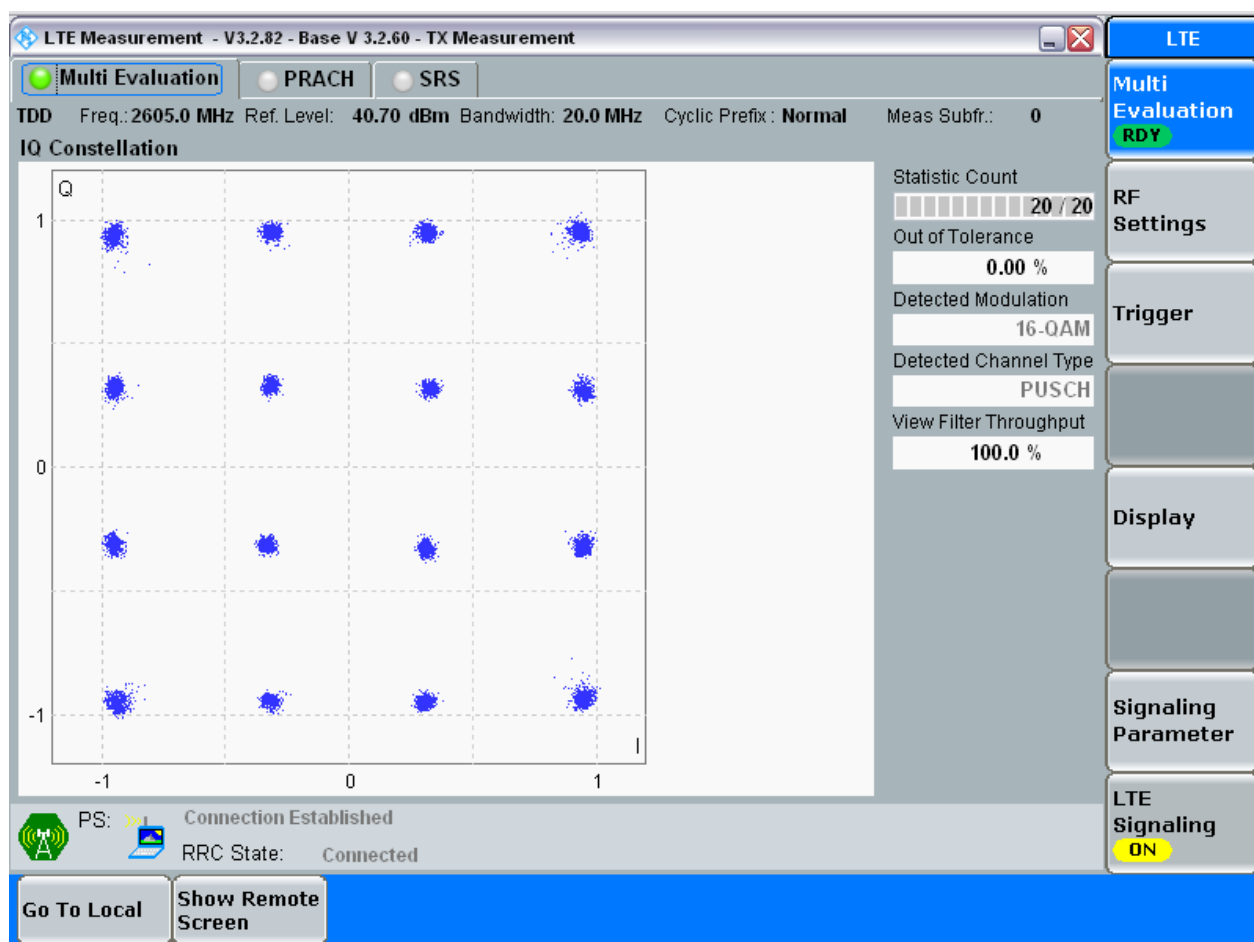
3.1.1.2.3.1.1 Test RB = RB75#0



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
BAND41	LTE/TM1	5	LCH	RB25#0	4.50	4.89	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	9.00	9.72	Pass
			MCH	RB50#0	8.93	9.78	Pass
			HCH	RB50#0	8.99	9.80	Pass
		15	LCH	RB75#0	13.41	15.04	Pass
			MCH	RB75#0	13.40	14.58	Pass
			HCH	RB75#0	13.39	14.71	Pass
		20	LCH	RB100#0	18.02	19.36	Pass
			MCH	RB100#0	17.94	19.52	Pass
			HCH	RB100#0	17.93	19.39	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.93	Pass
			MCH	RB25#0	4.49	4.84	Pass
			HCH	RB25#0	4.50	4.83	Pass
		10	LCH	RB50#0	8.95	9.78	Pass
			MCH	RB50#0	8.91	9.81	Pass
			HCH	RB50#0	8.98	9.77	Pass
		15	LCH	RB75#0	13.43	14.72	Pass
			MCH	RB75#0	13.41	14.71	Pass
			HCH	RB75#0	13.39	14.77	Pass
		20	LCH	RB100#0	18.00	19.63	Pass
			MCH	RB100#0	17.95	19.54	Pass
			HCH	RB100#0	17.91	19.64	Pass



Part II - Test Plots

4.1 For LTE

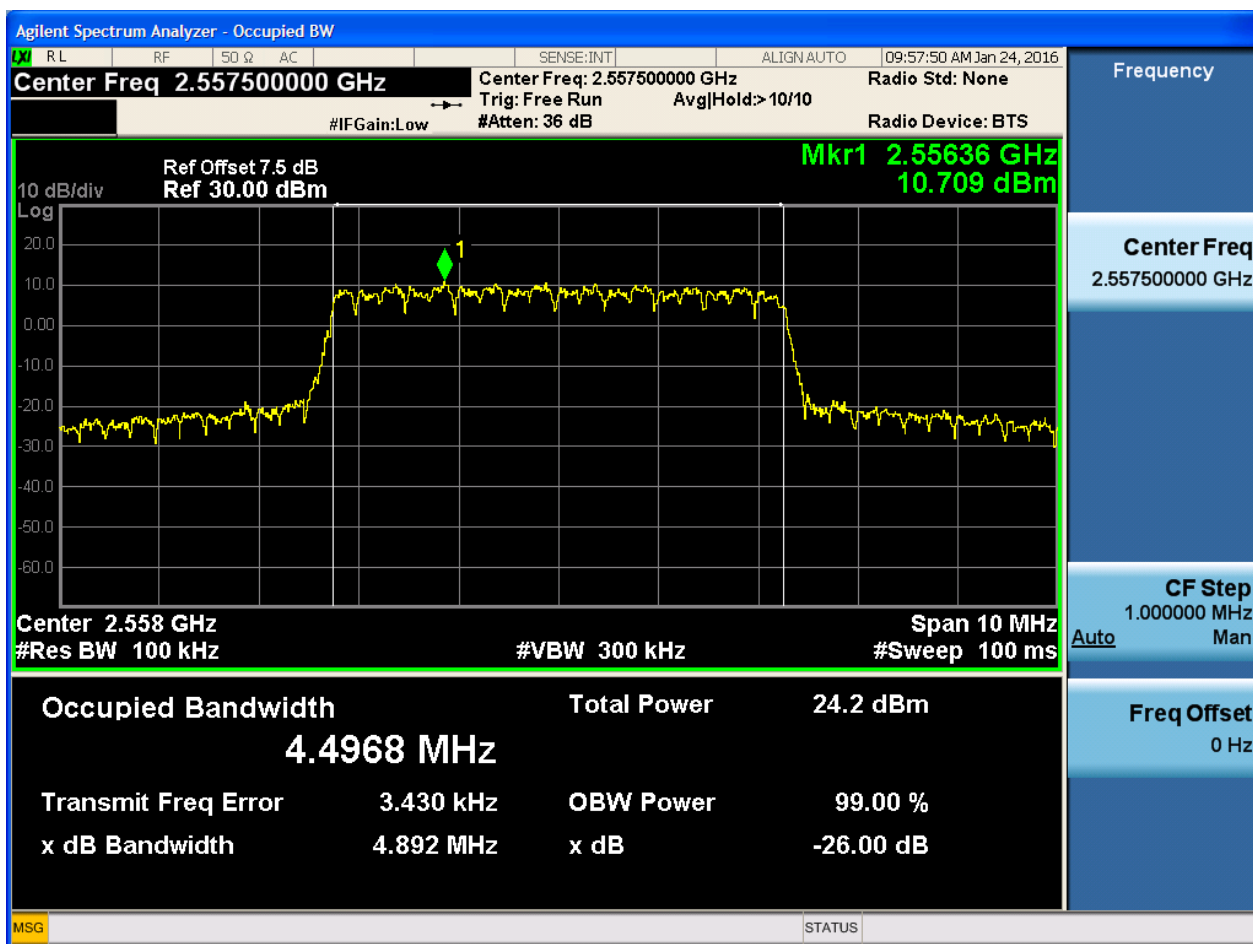
4.1.1 Test Band = BAND41

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

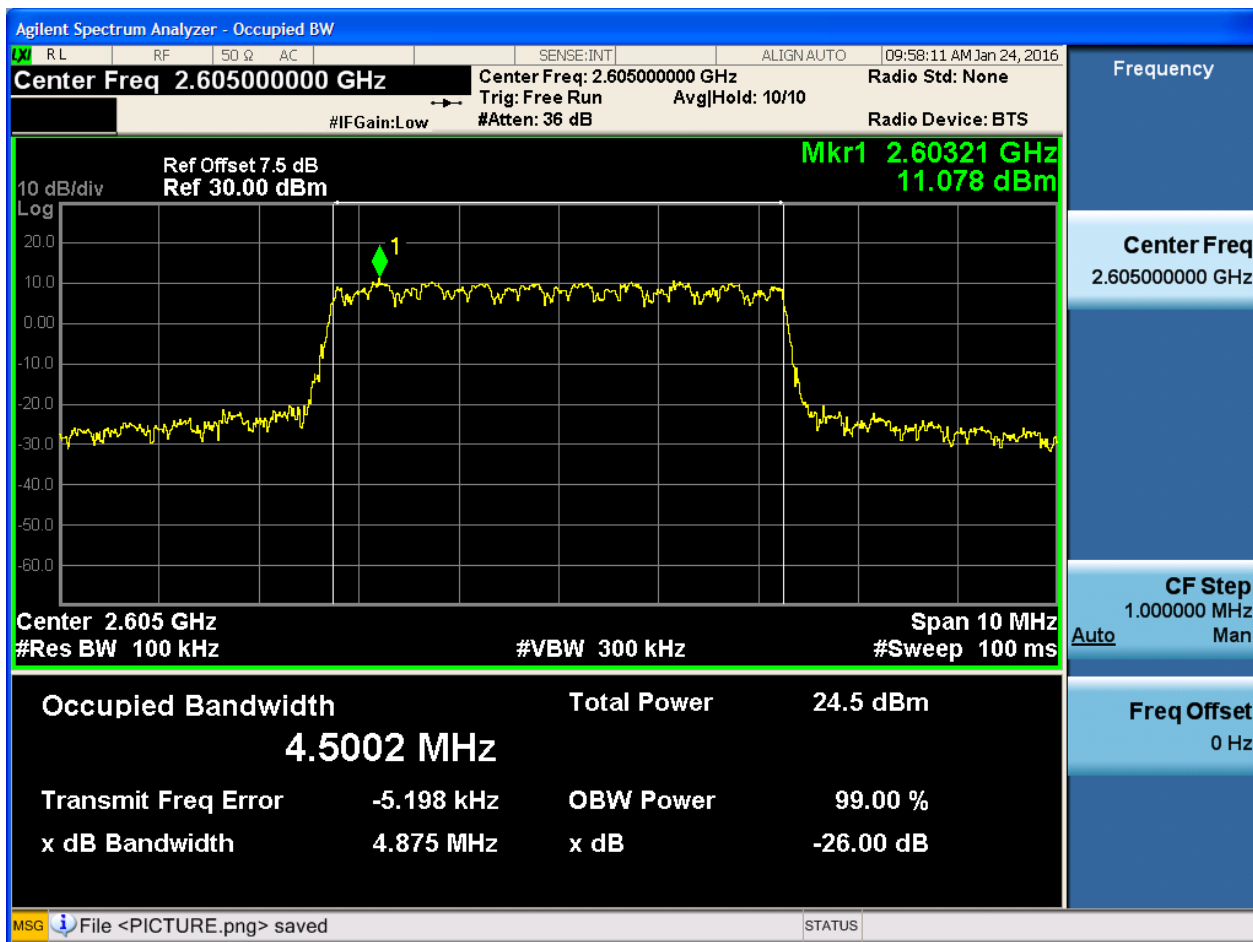
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

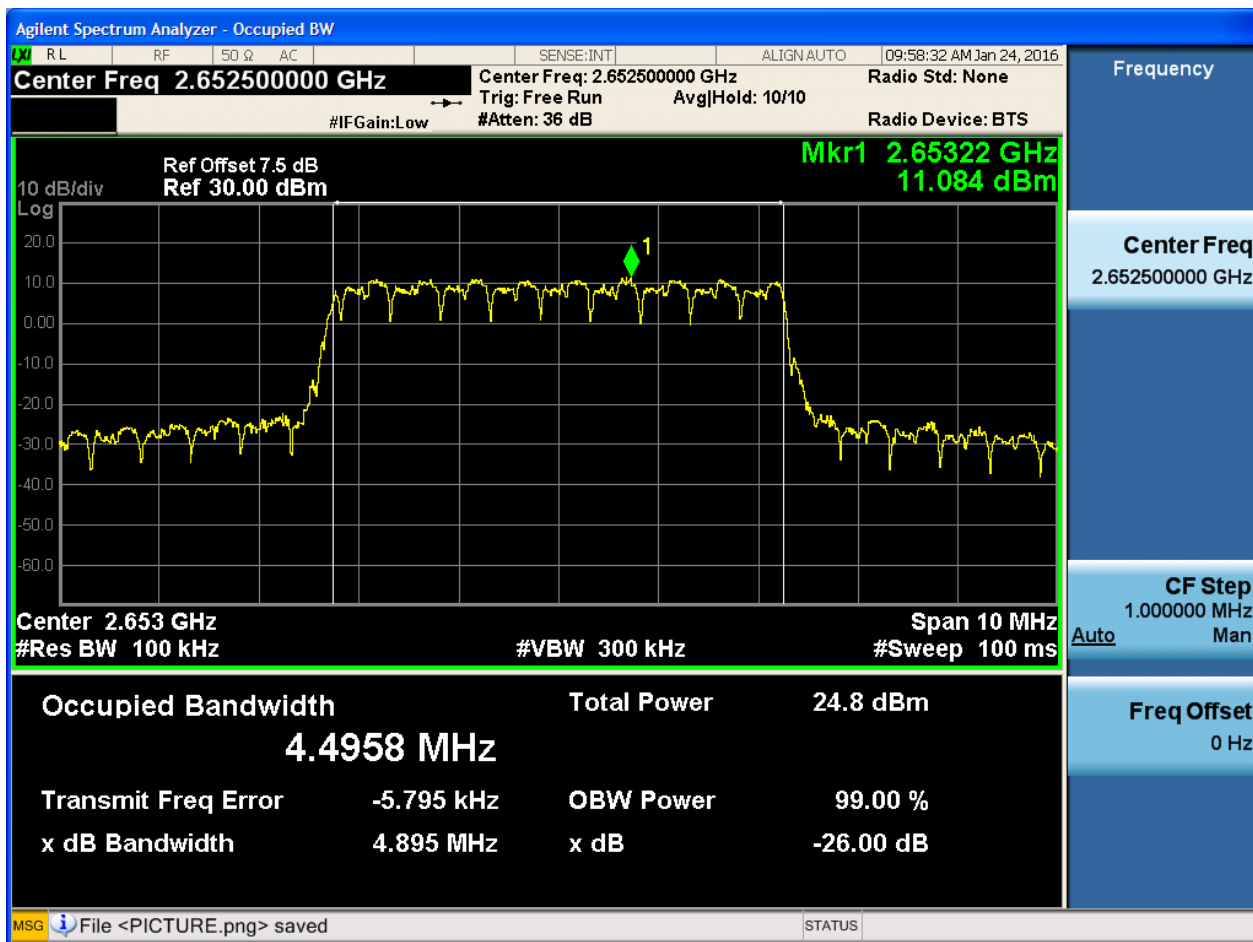
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

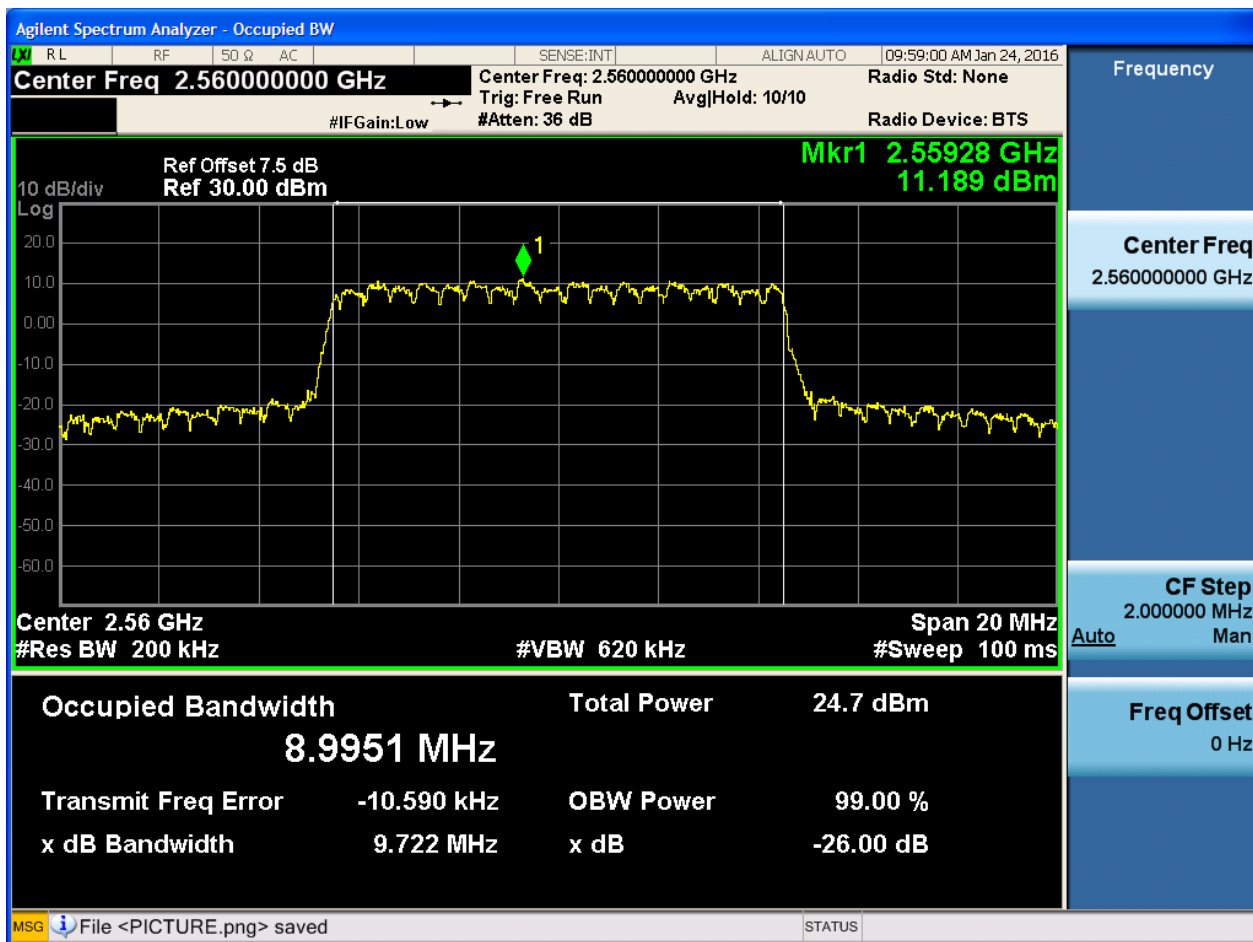




4.1.1.1.2 Test Bandwidth = 10

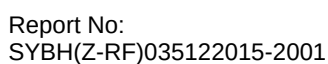
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0





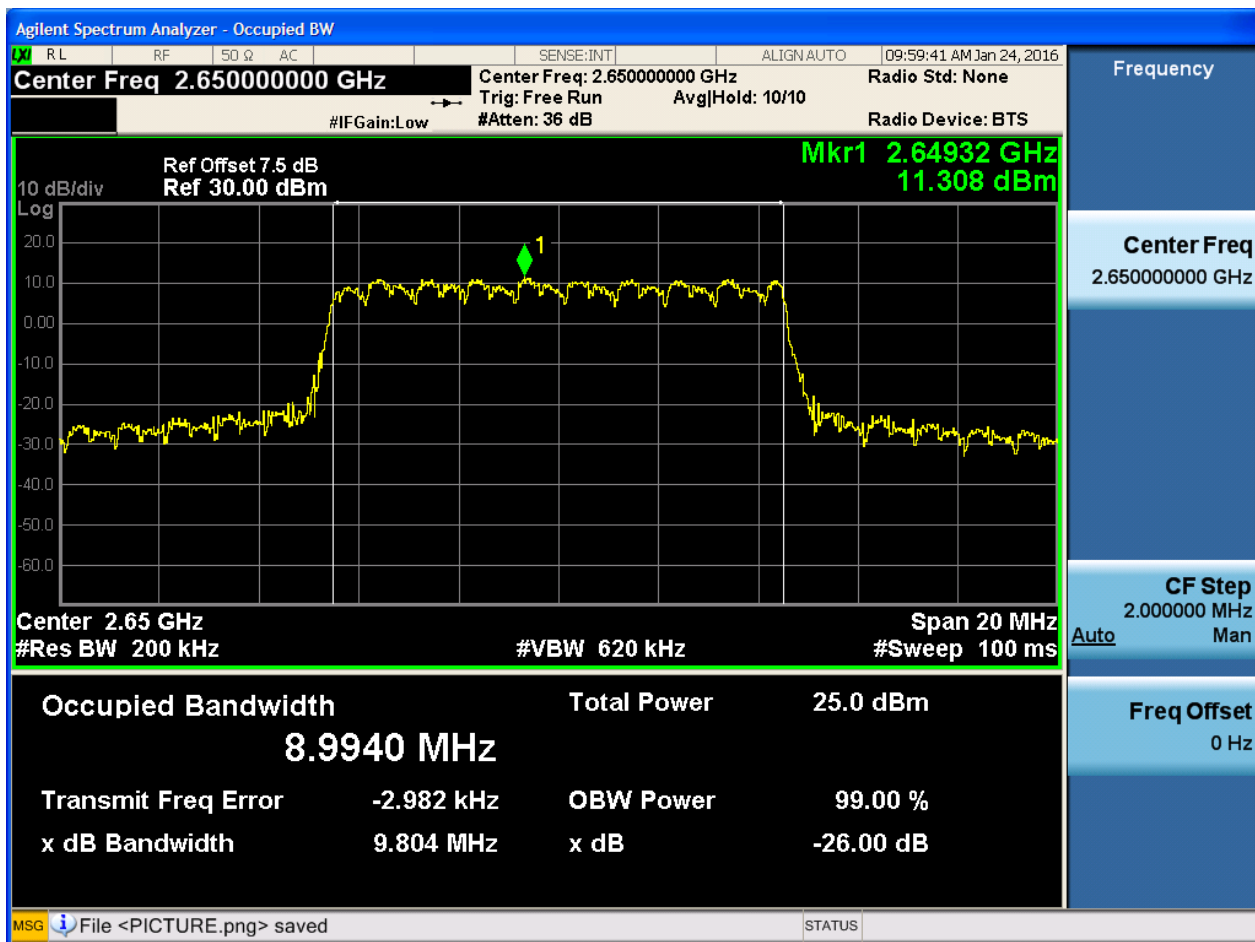
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

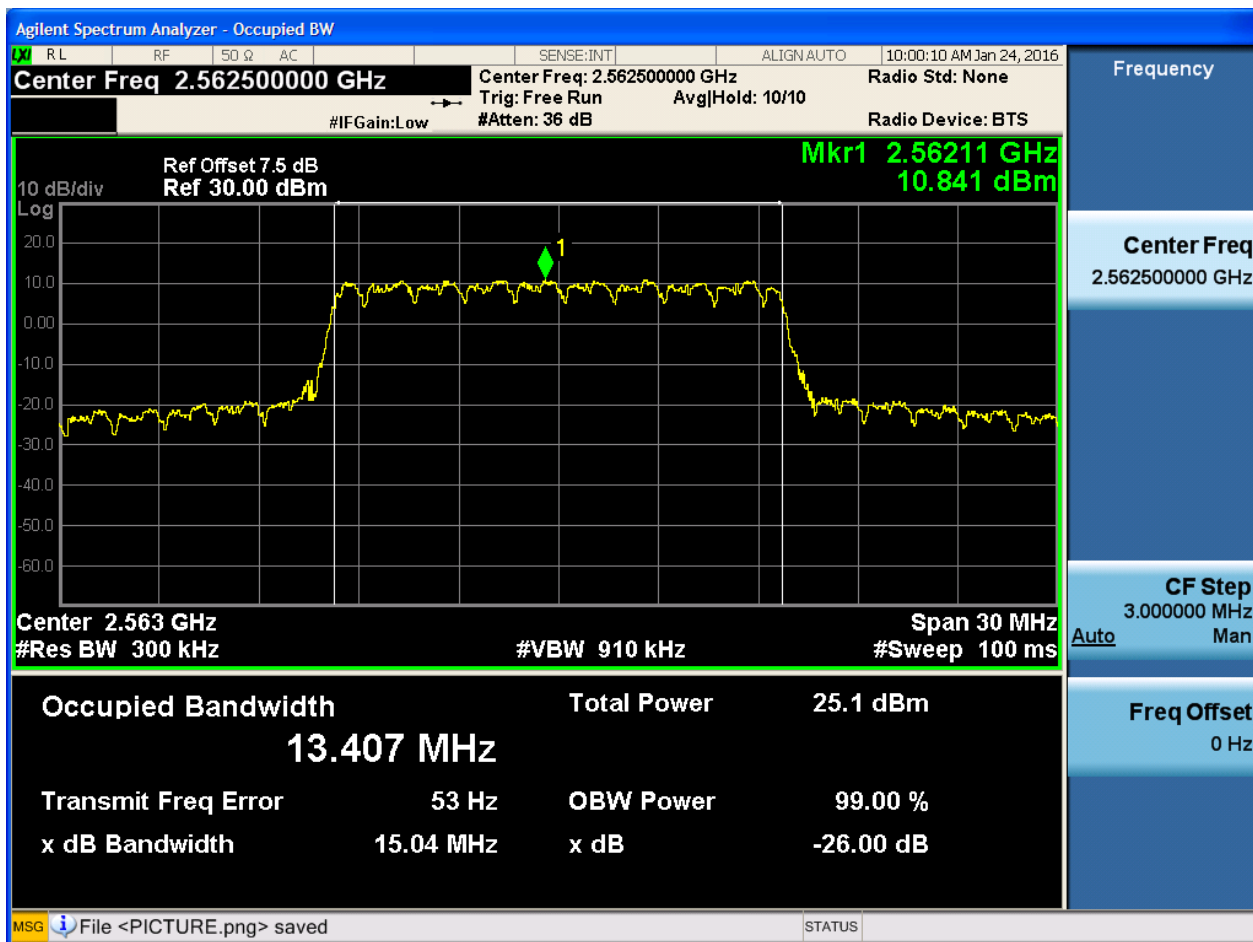




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

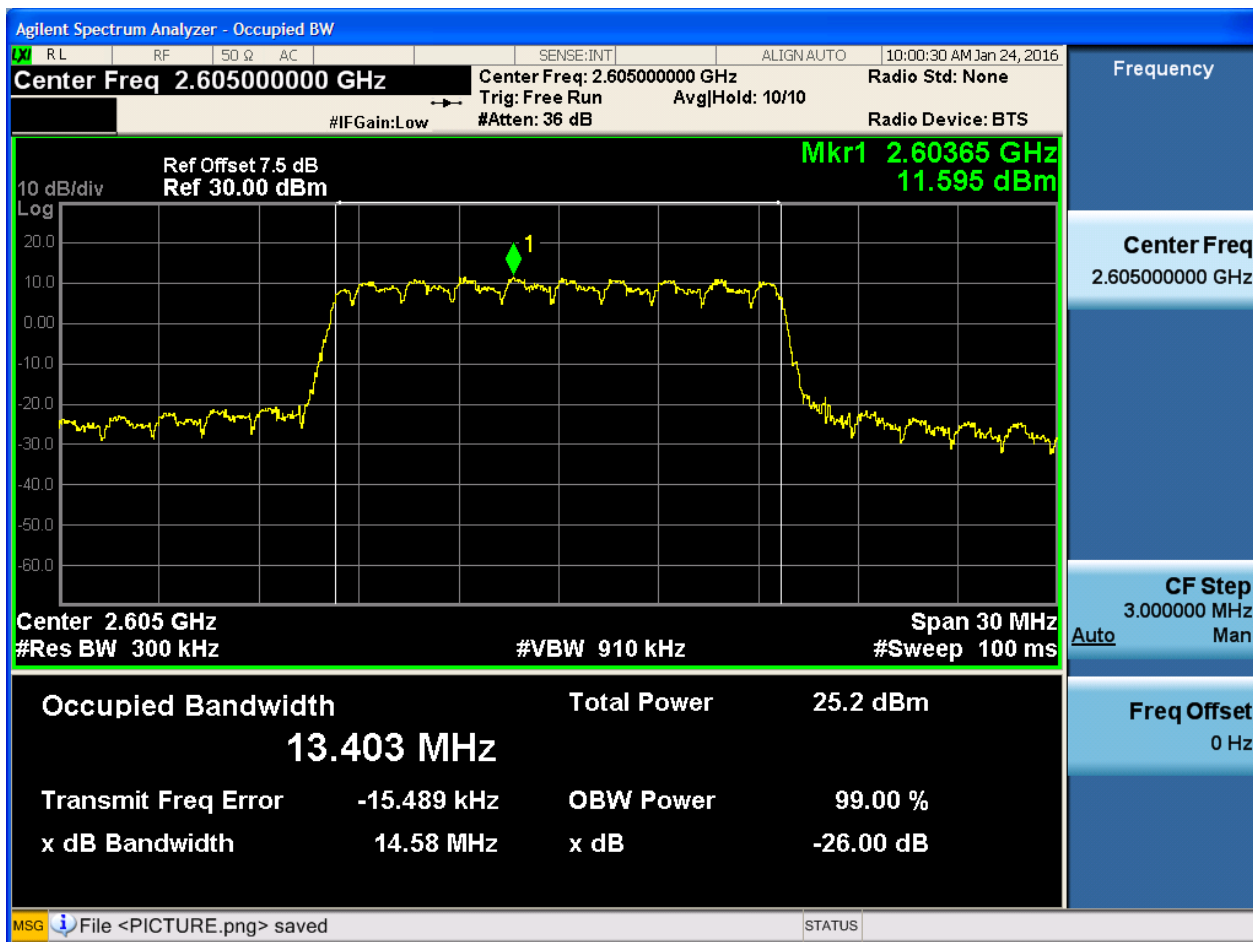
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

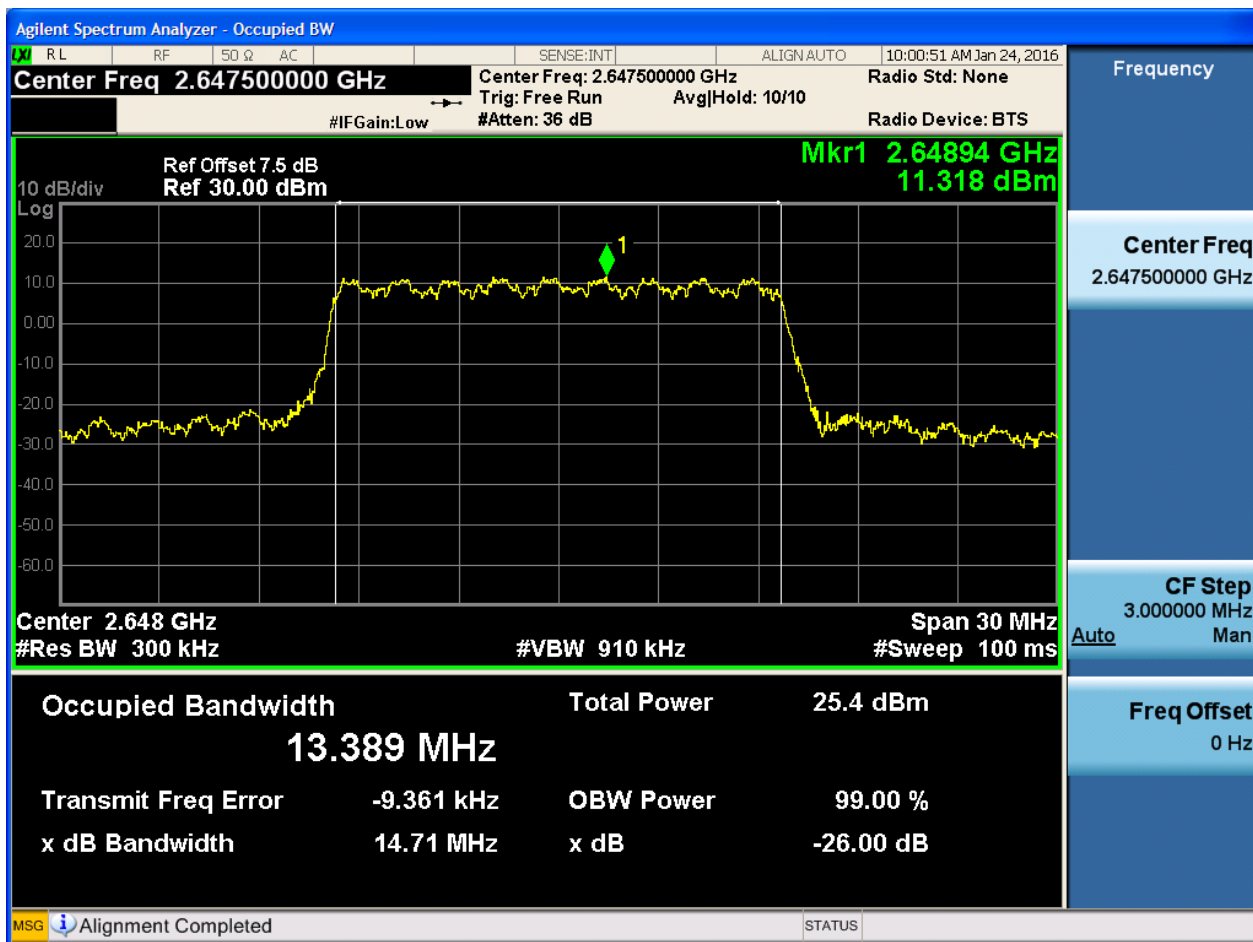
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

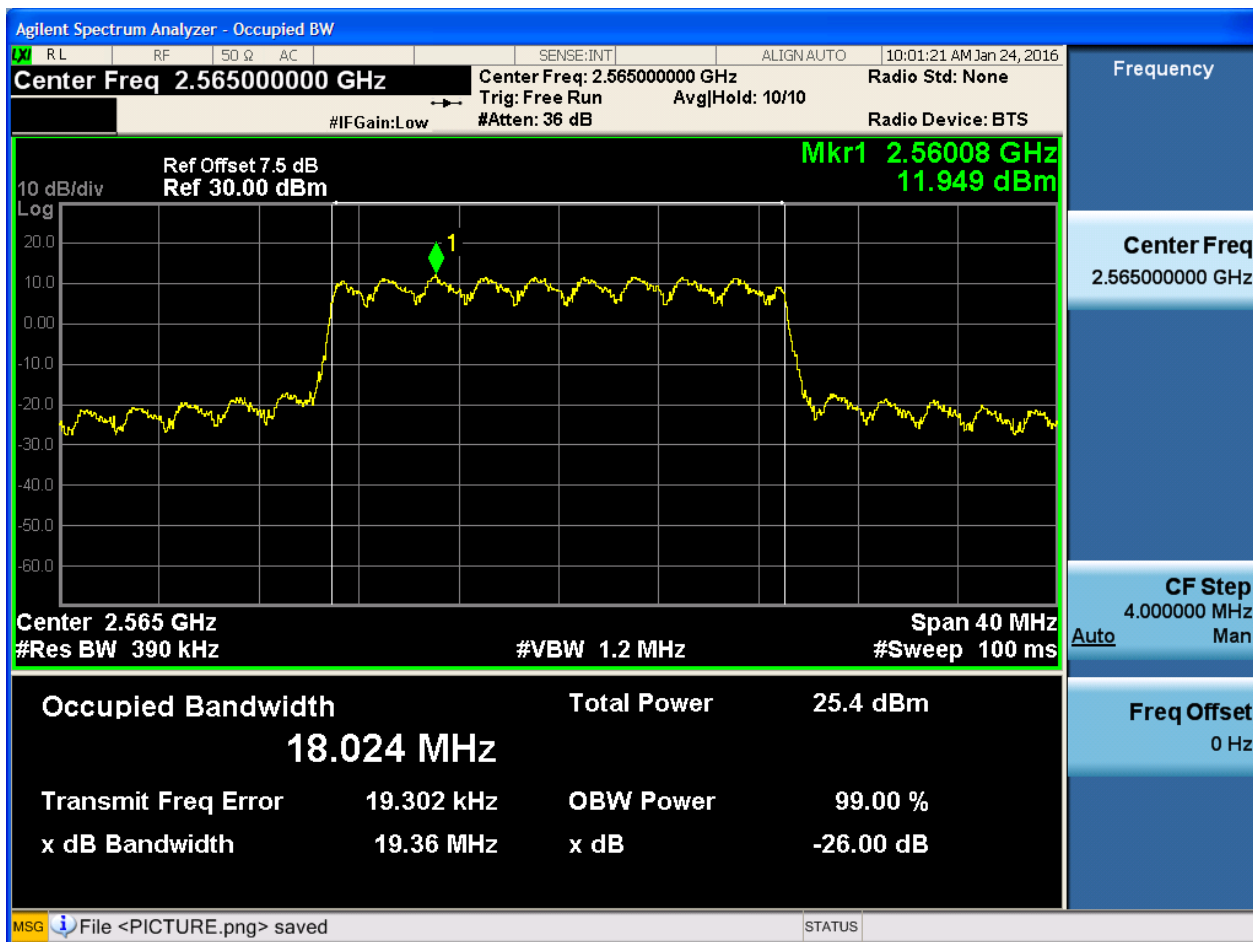




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

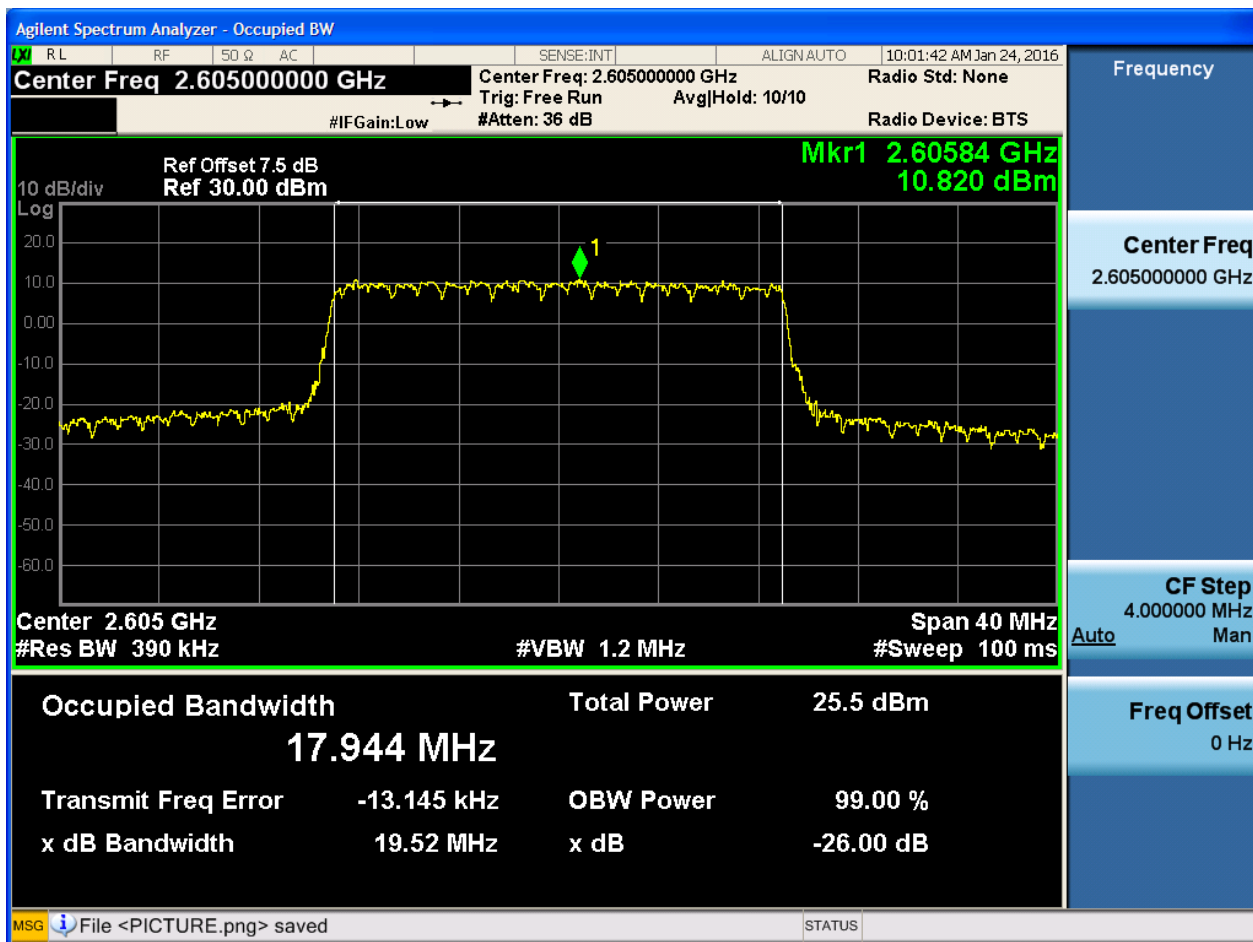
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

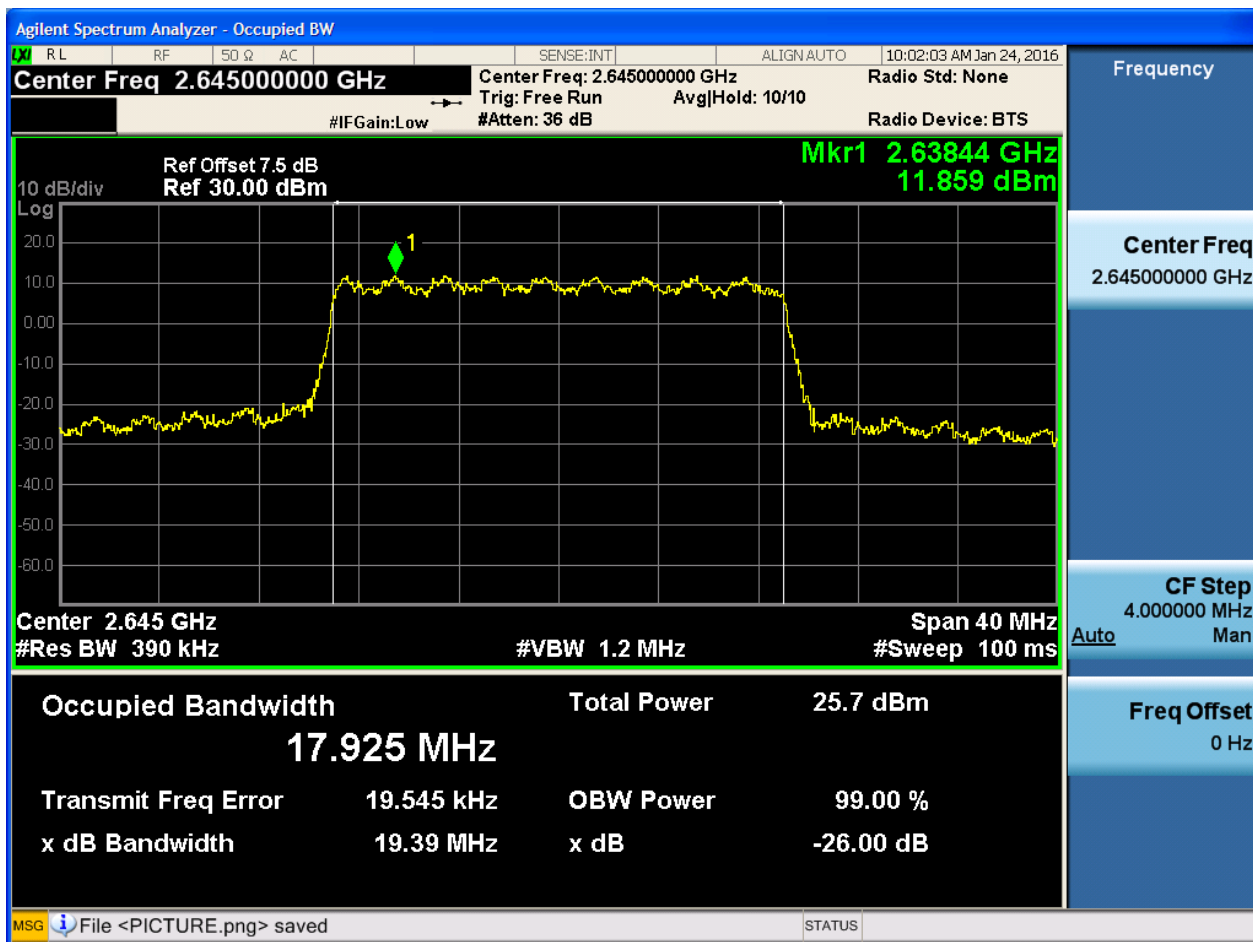
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



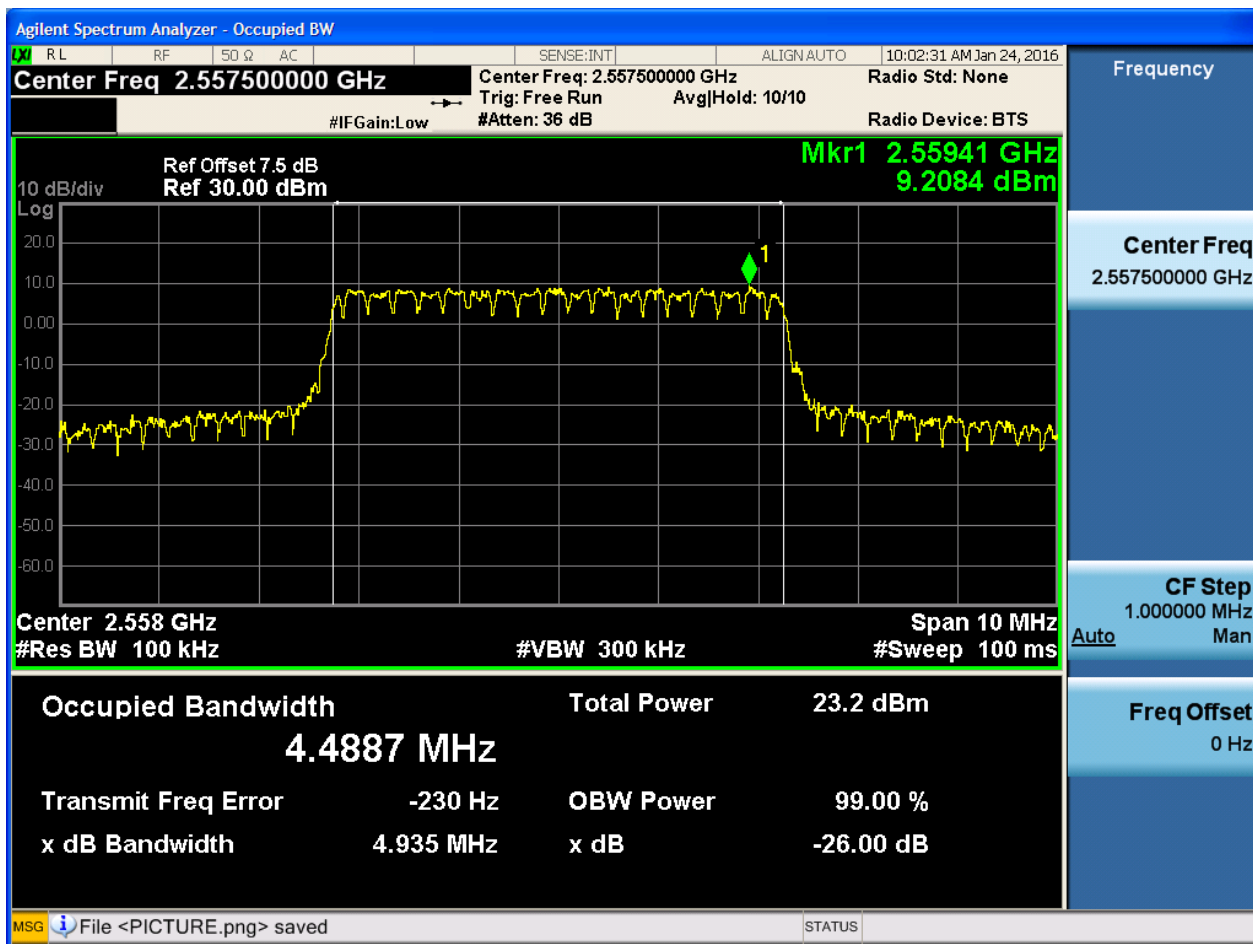


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

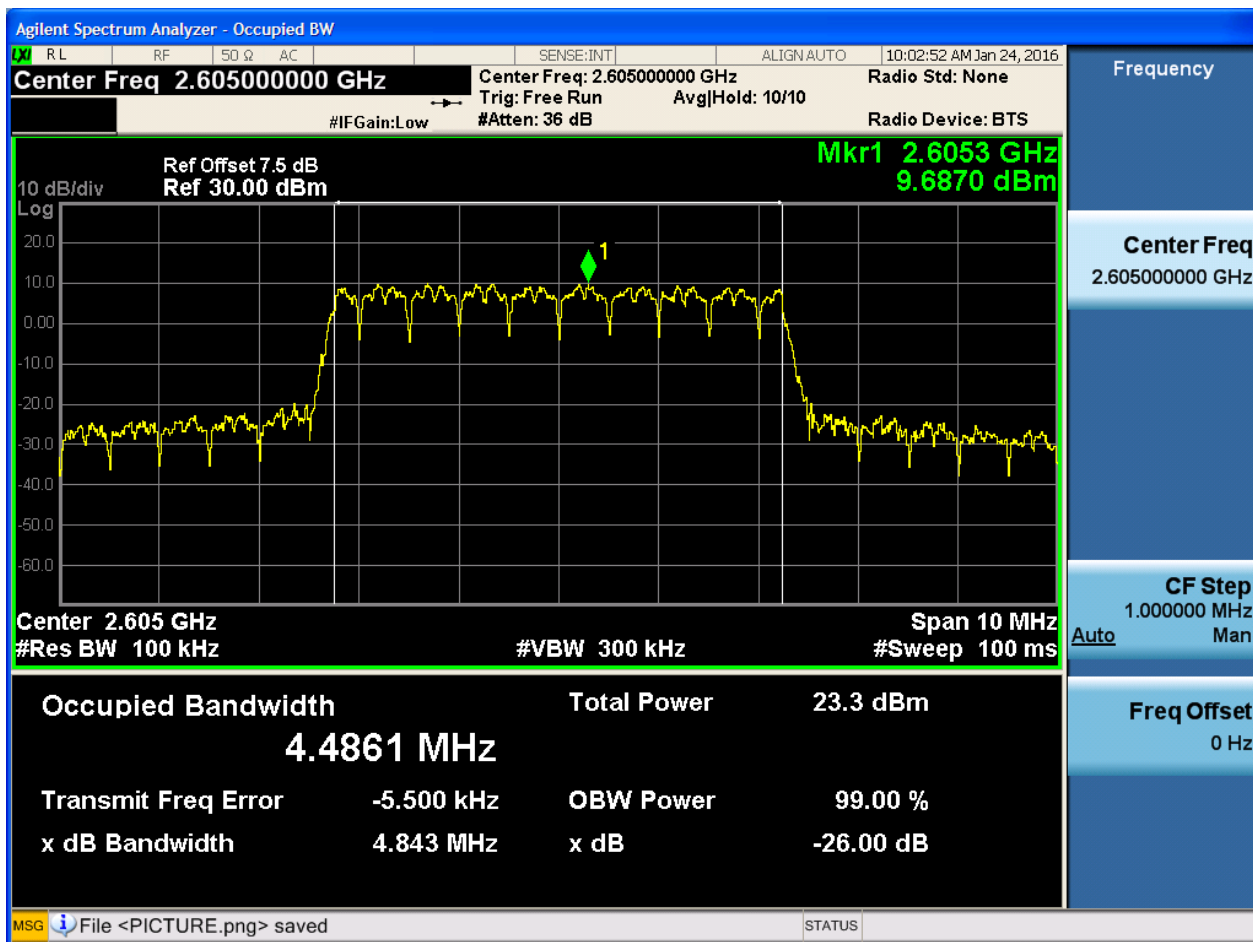
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

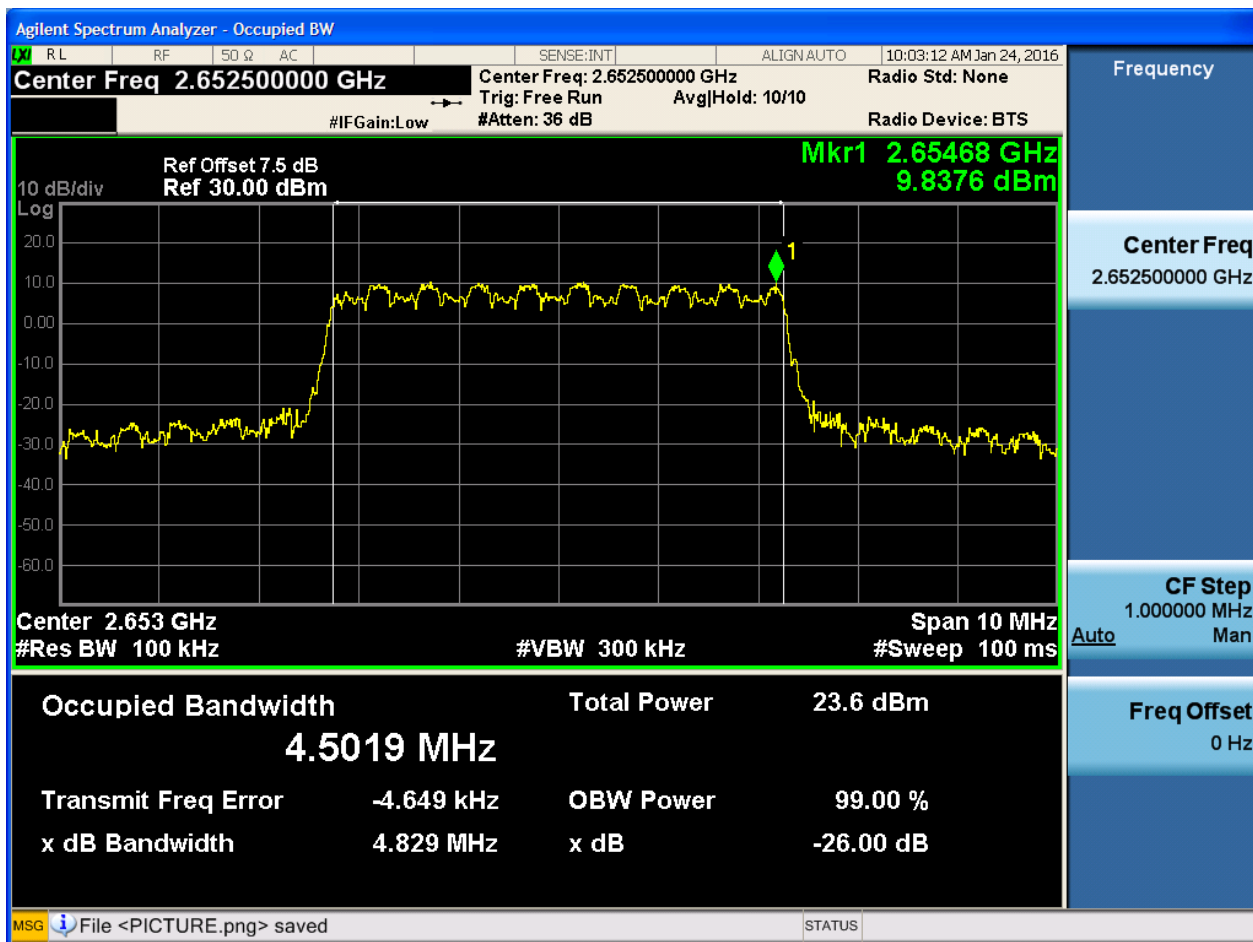
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

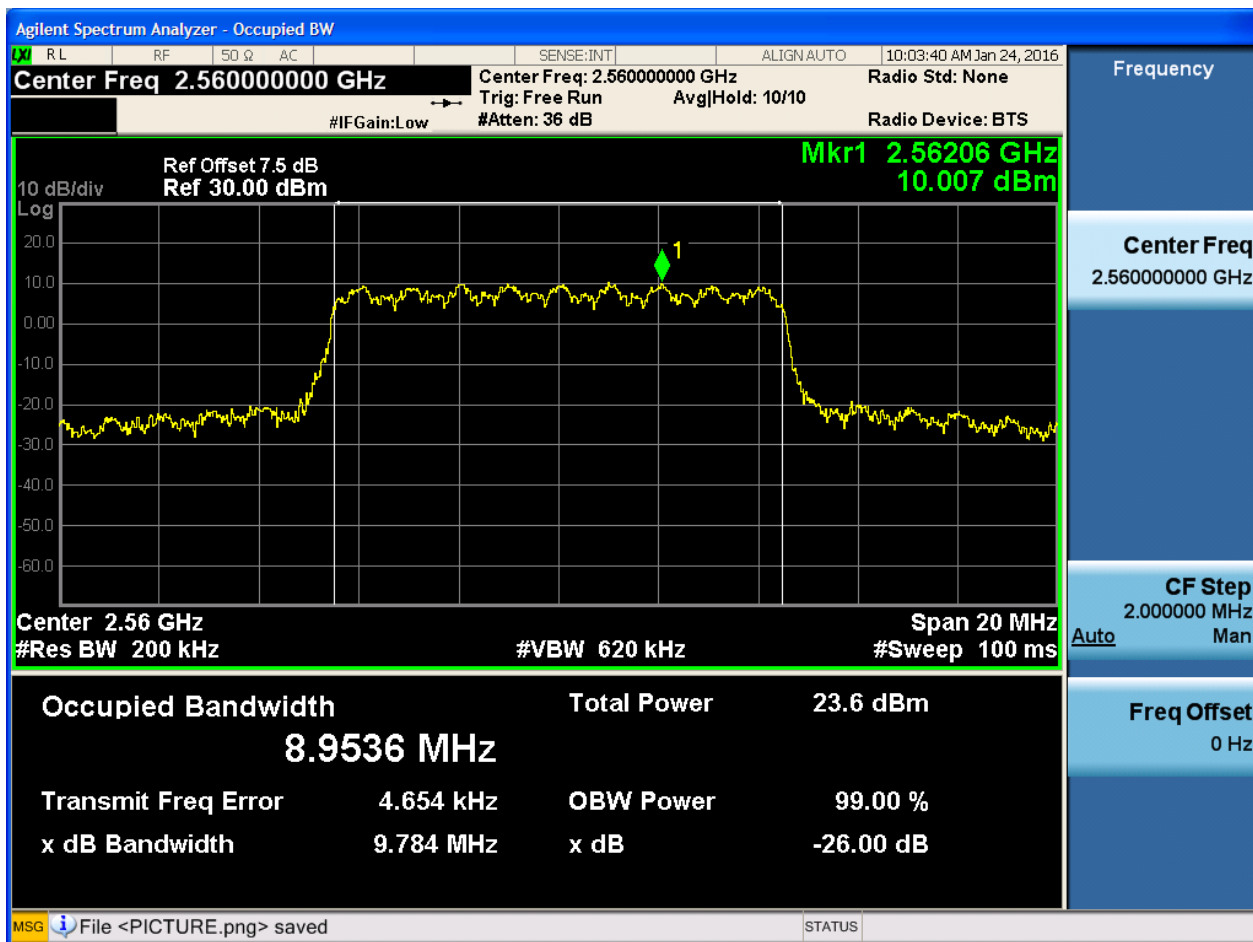




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

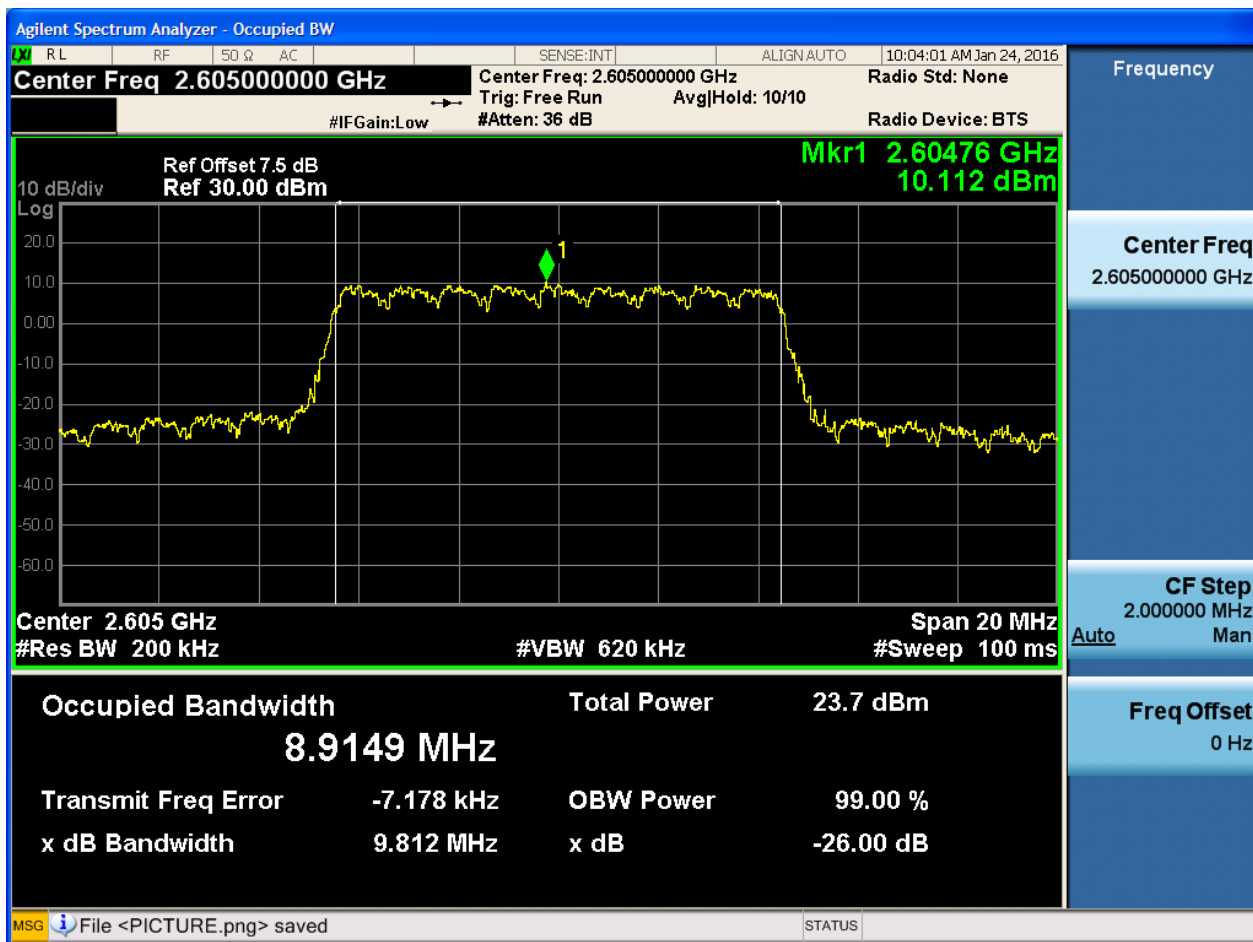
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

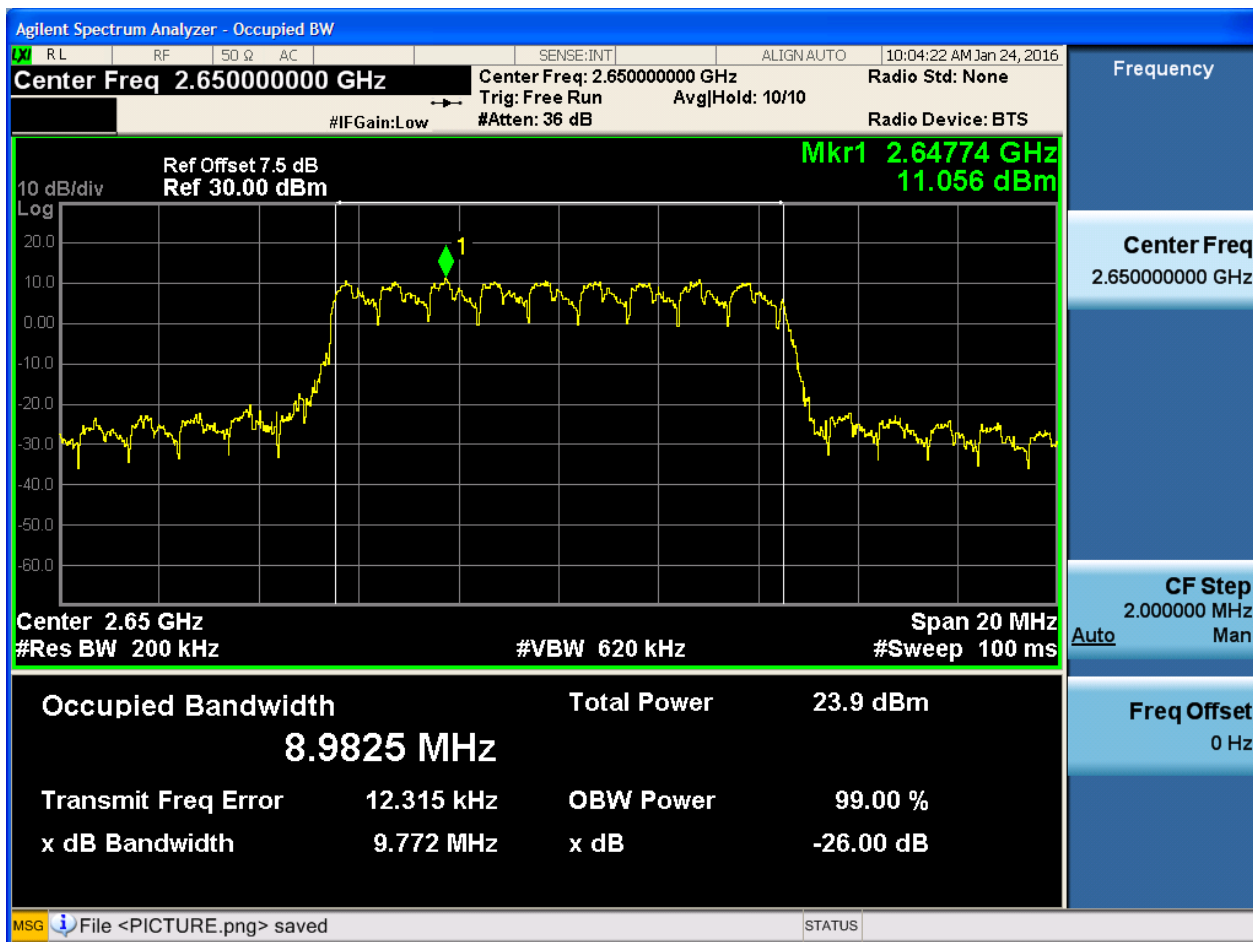
4.1.1.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

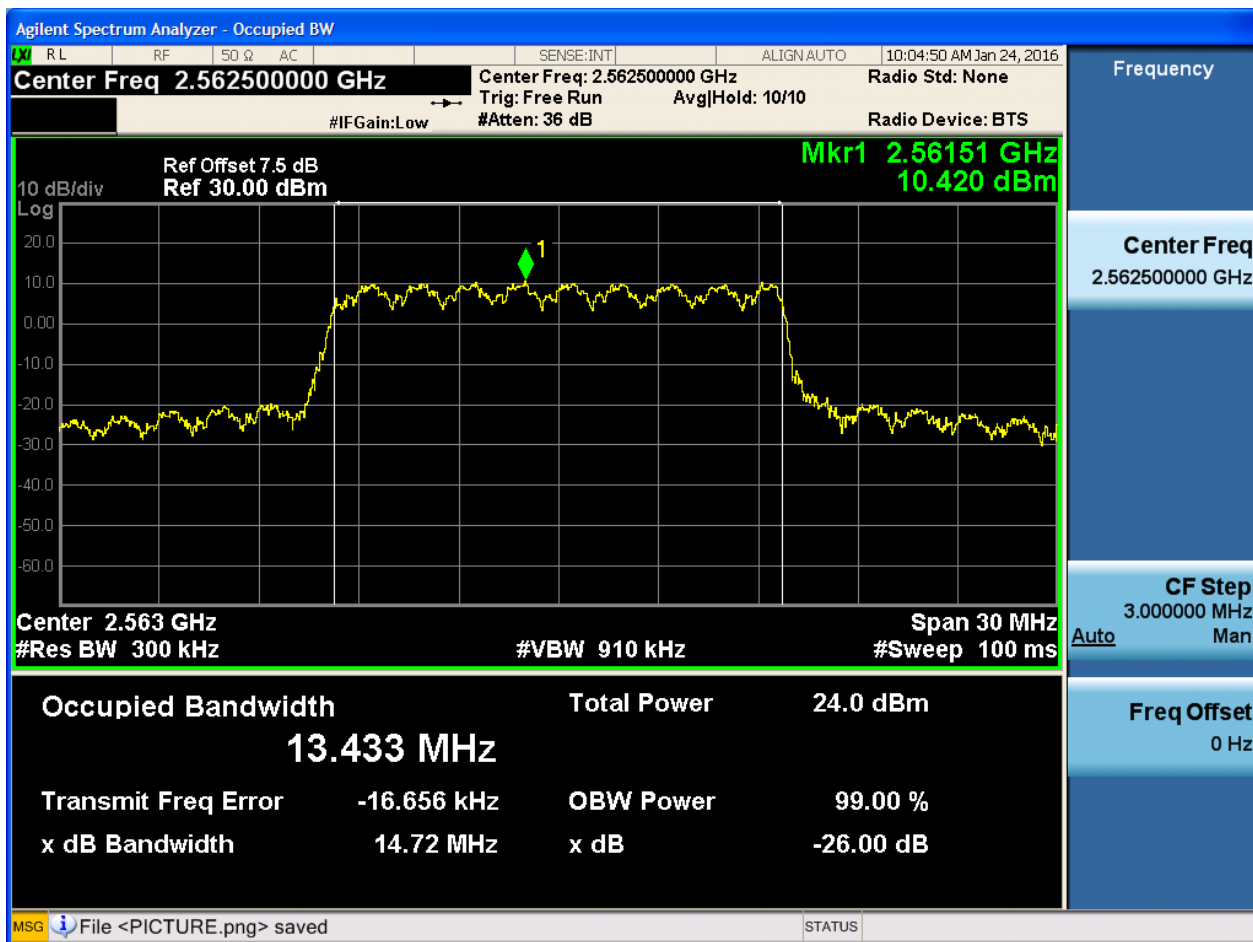




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

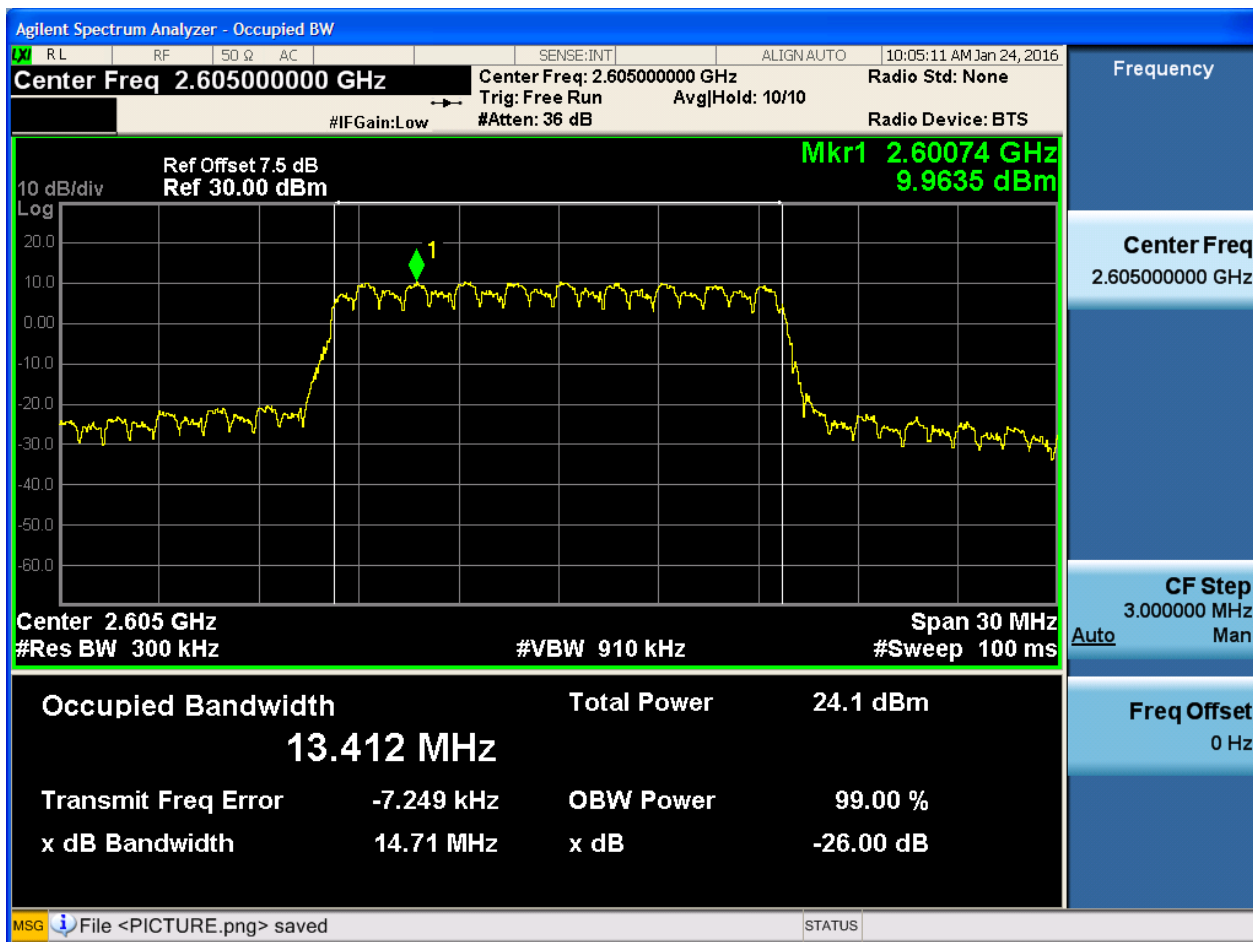
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

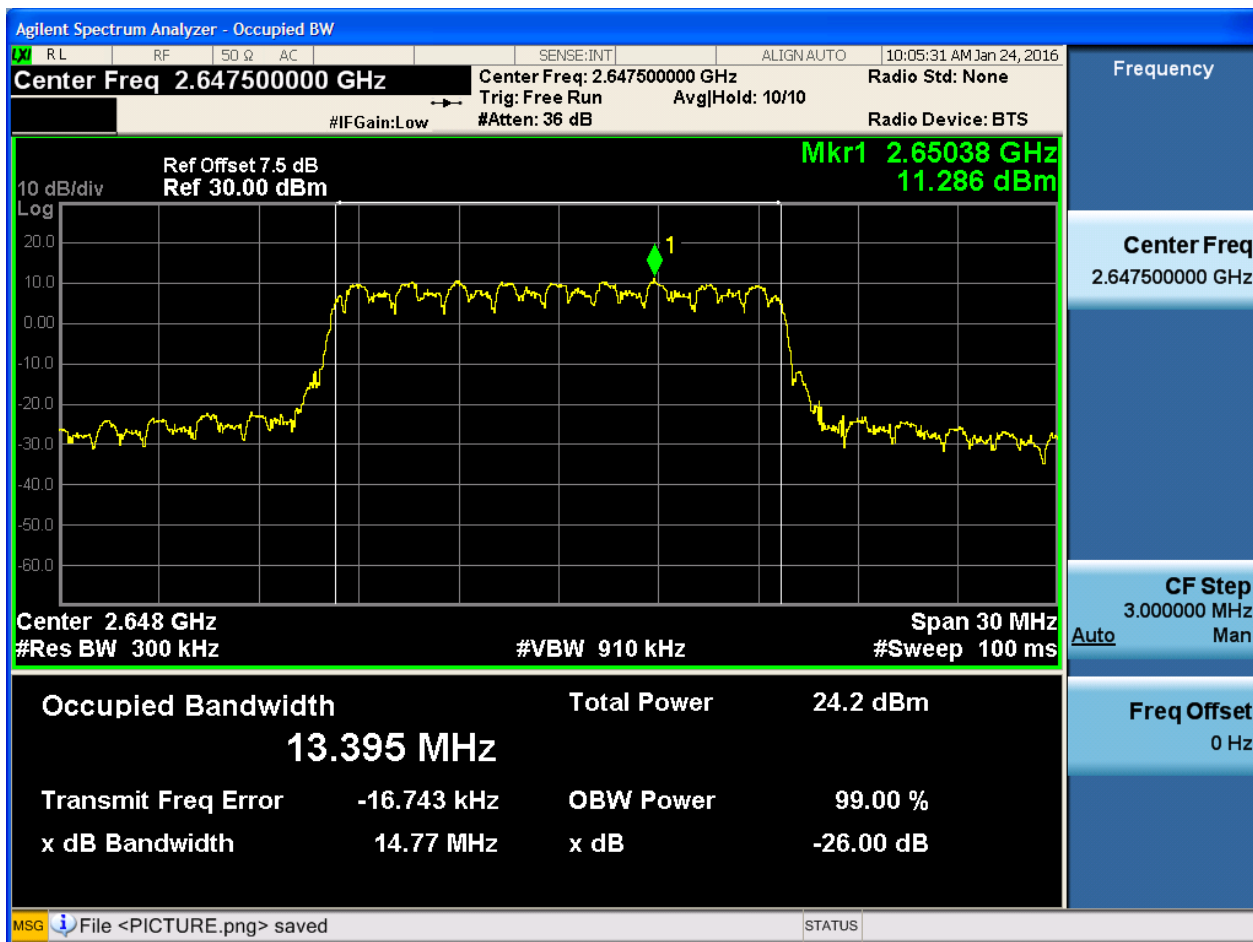
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

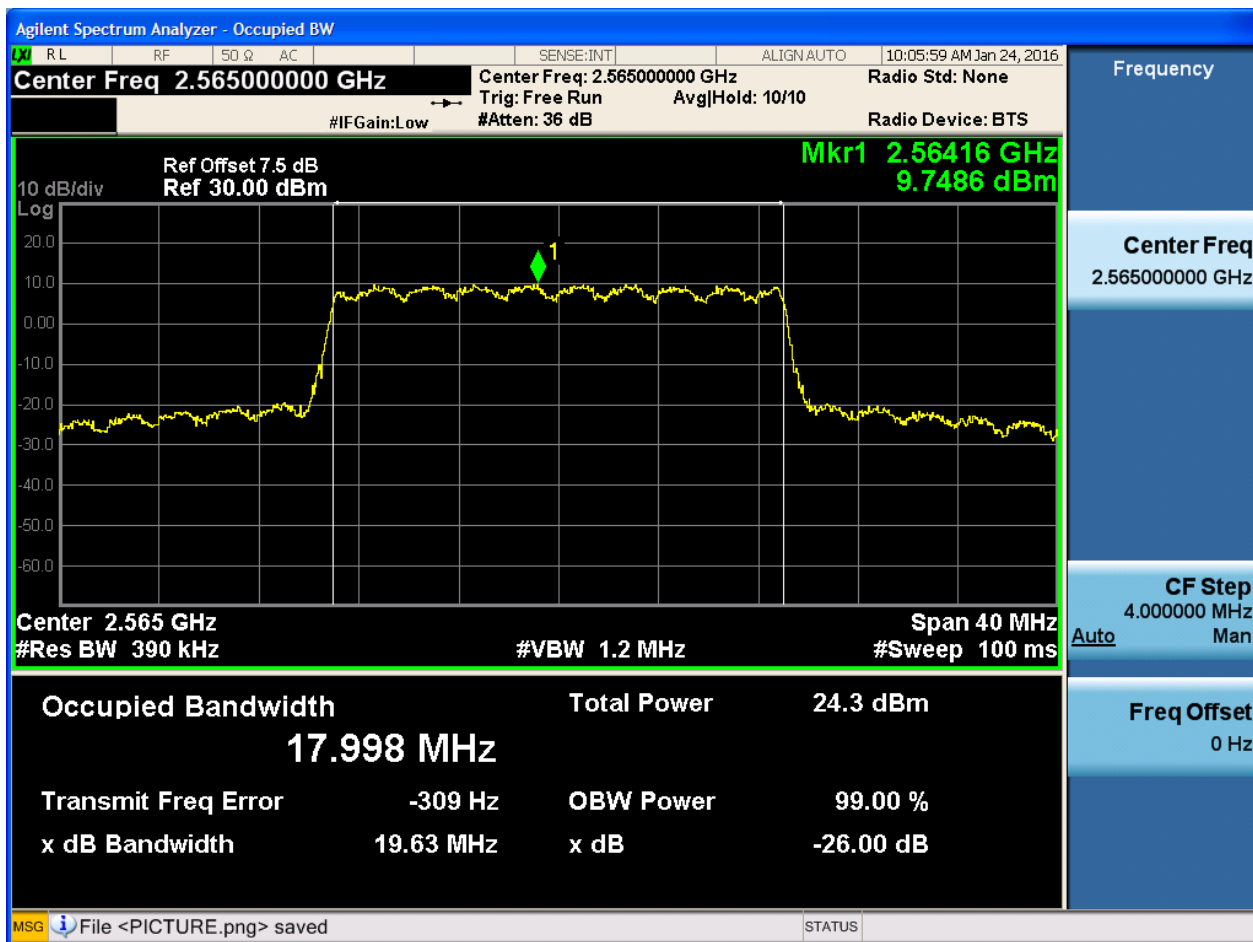




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

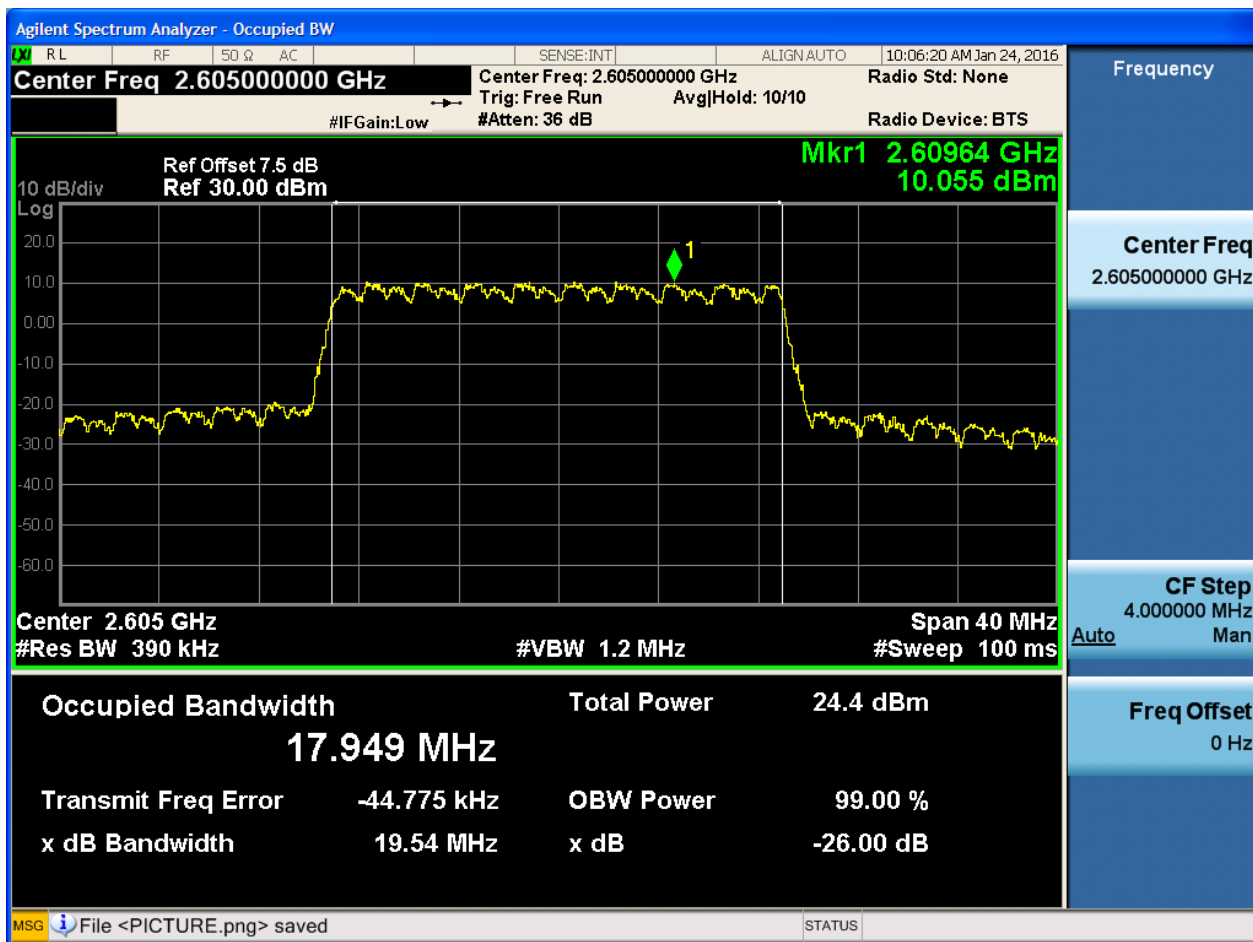
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

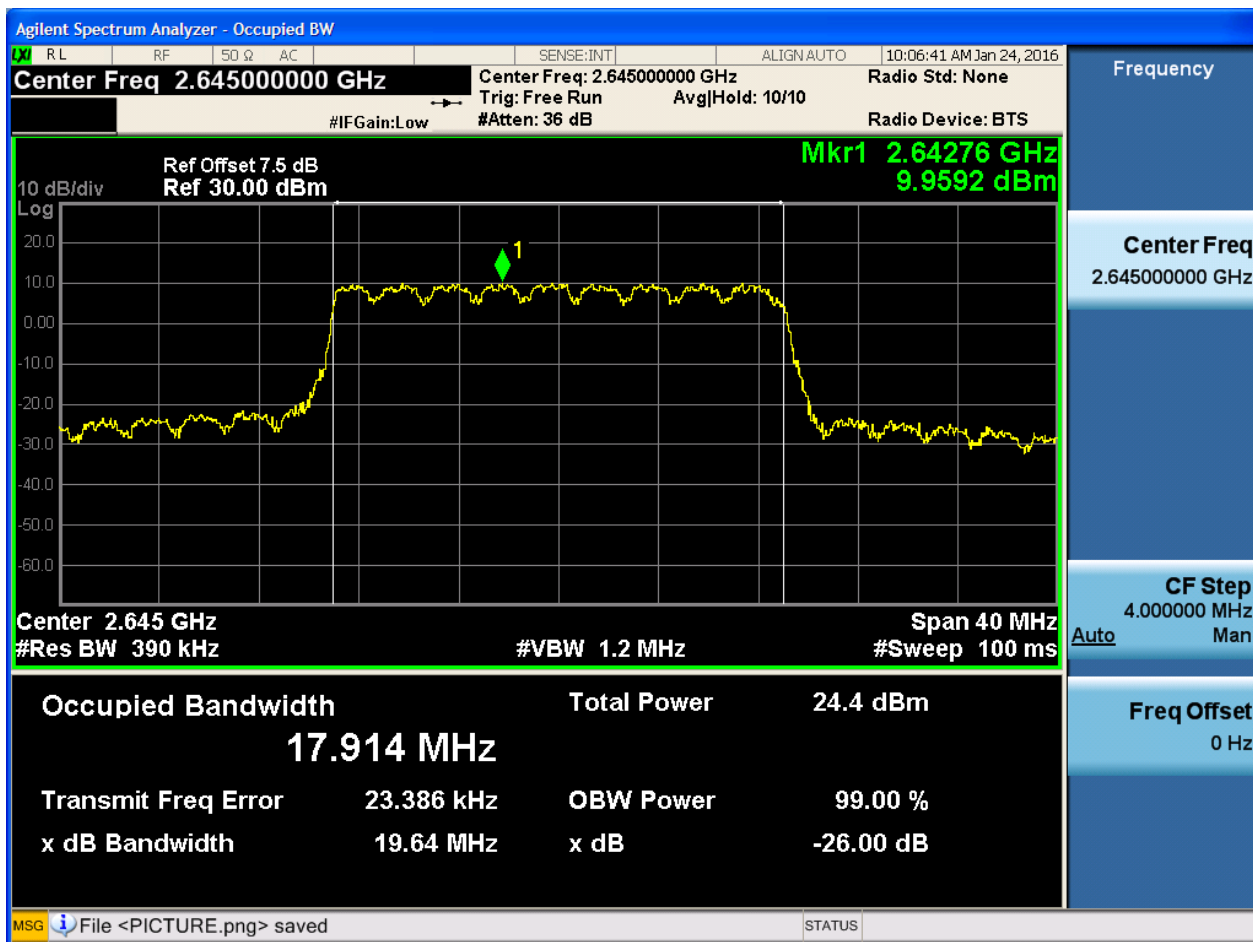
4.1.1.2.4.2.1 Test RB = RB100#0





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

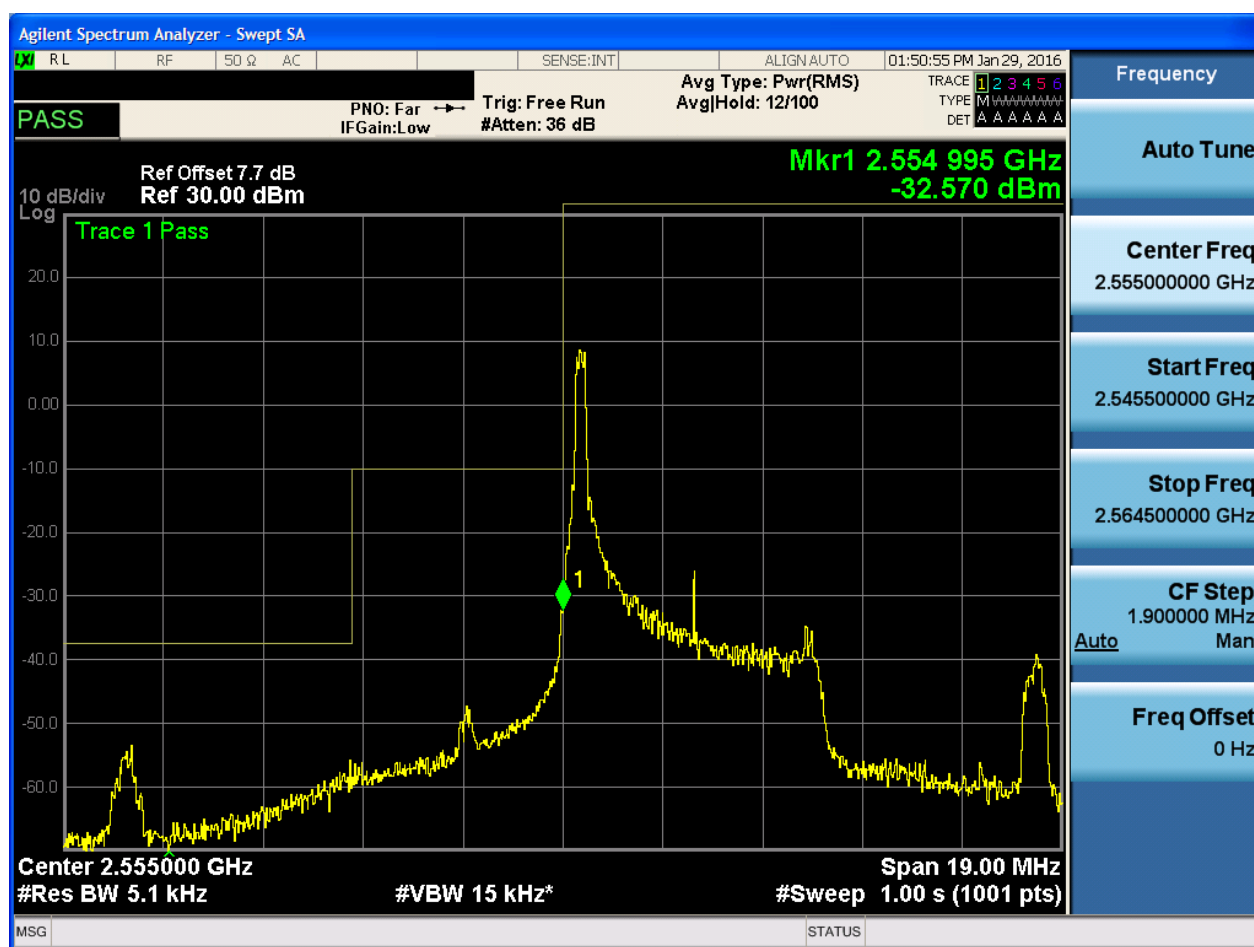
5.1.1 Test Band = BAND41

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

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 01:51:33 PM Jan 29, 2016

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

Ref Offset 7.7 dB Mkr1 2.554 995 GHz
Ref 30.00 dBm -26.776 dBm

10 dB/div Log

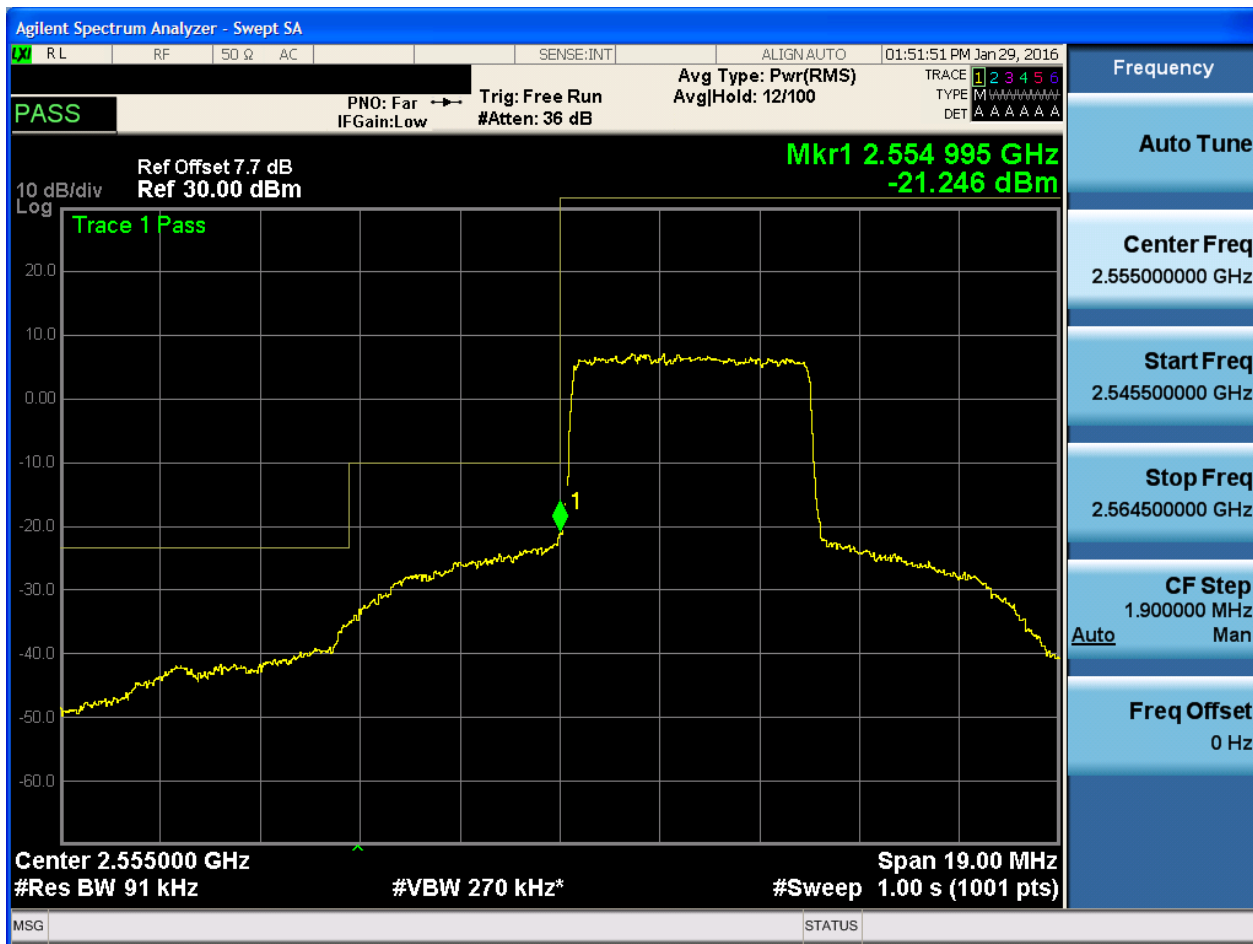
Trace 1 Pass

Center 2.555000 GHz Span 19.00 MHz
#Res BW 47 kHz #VBW 150 kHz* #Sweep 1.00 s (1001 pts)

MSG 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



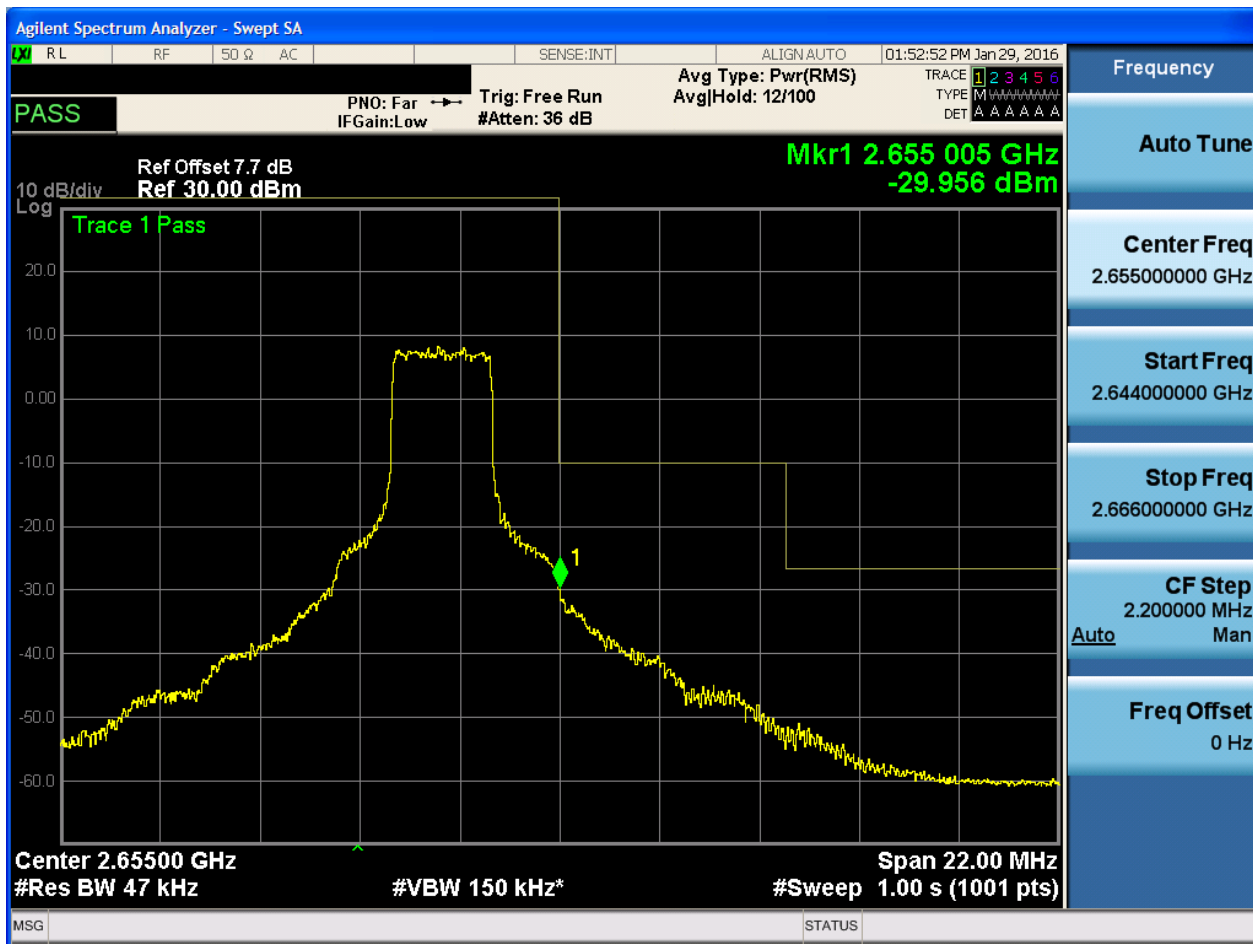


5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6



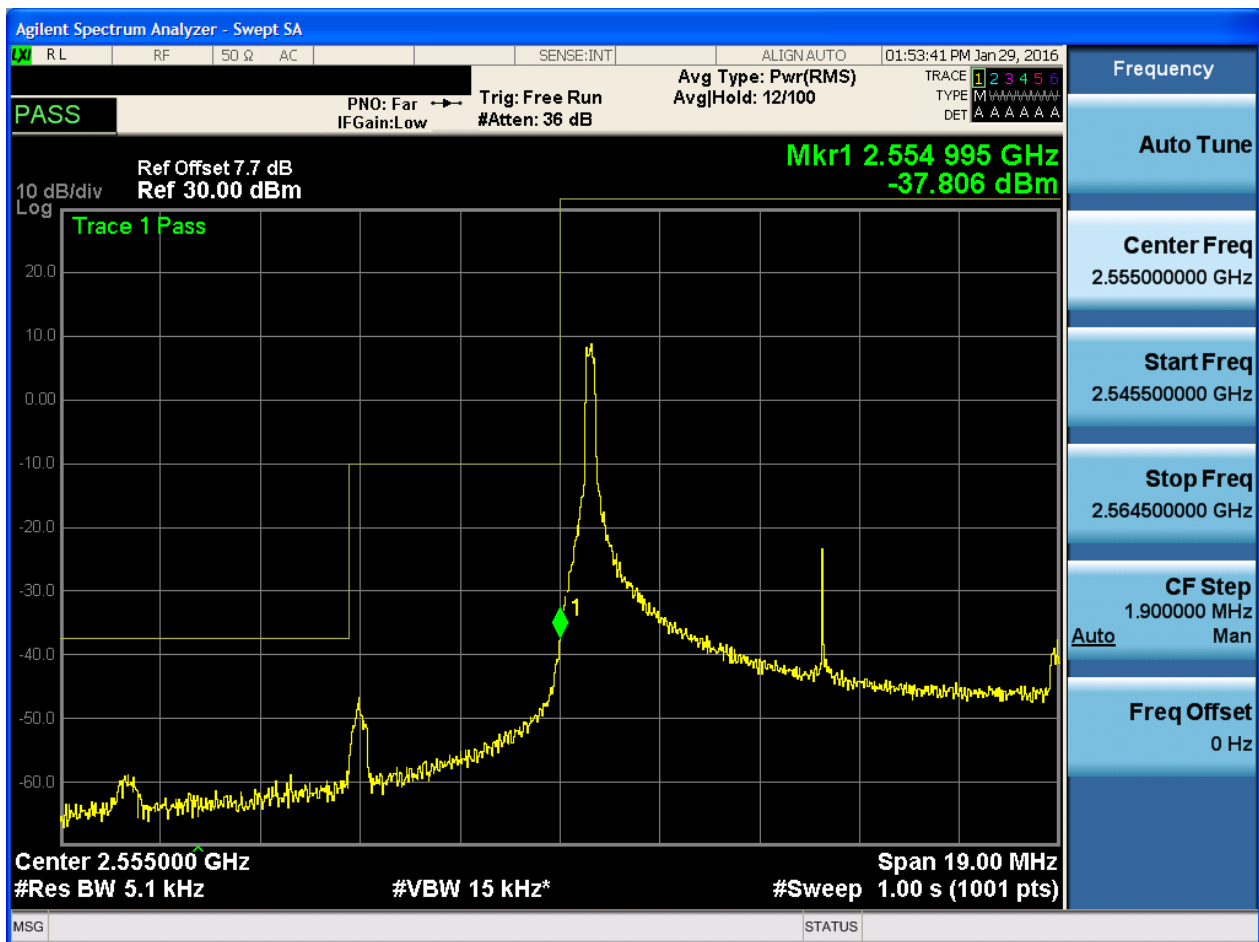


5.1.1.1.2.4 Test RB = RB25#0





5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#49



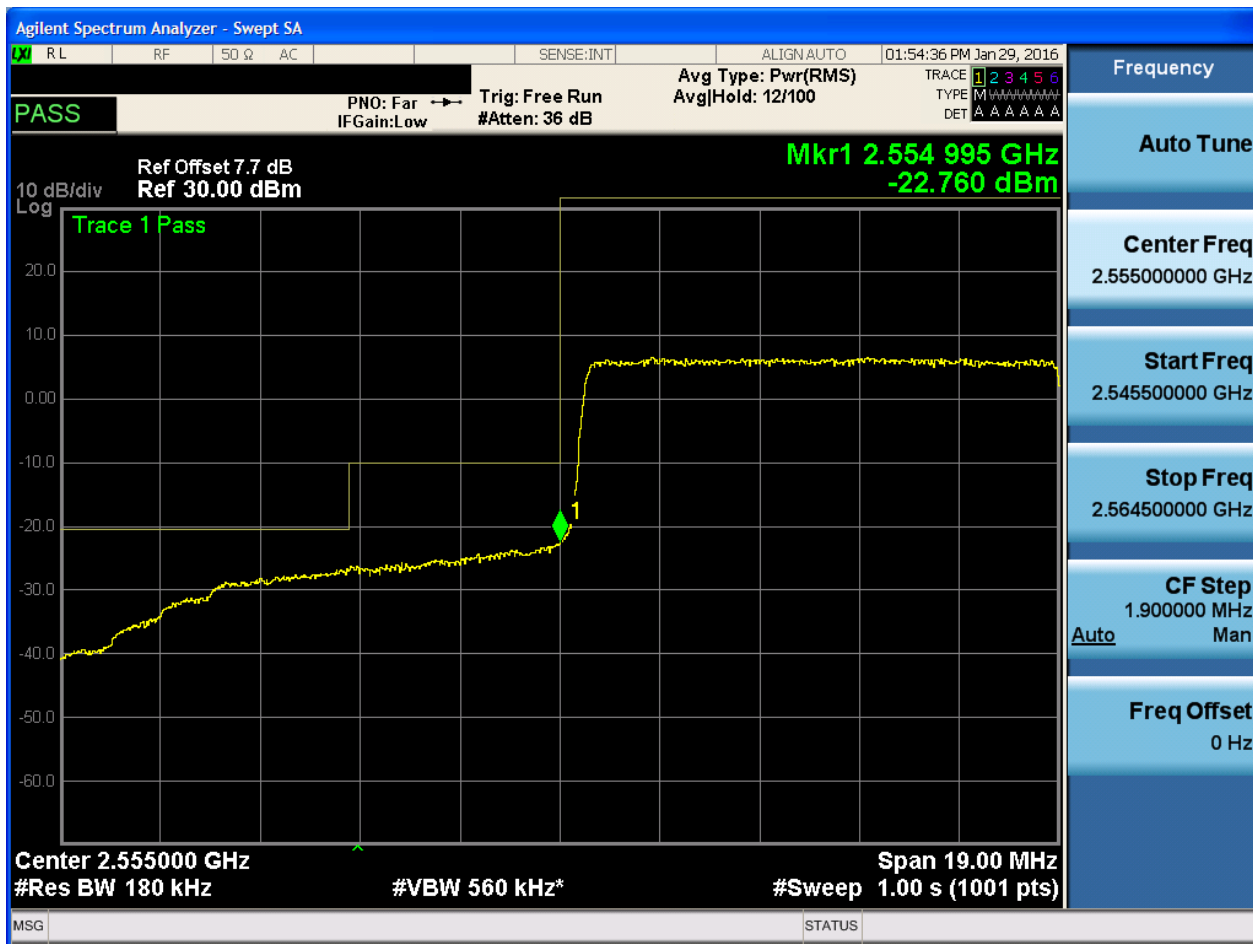


5.1.1.1.2.1.3 Test RB = RB25#13





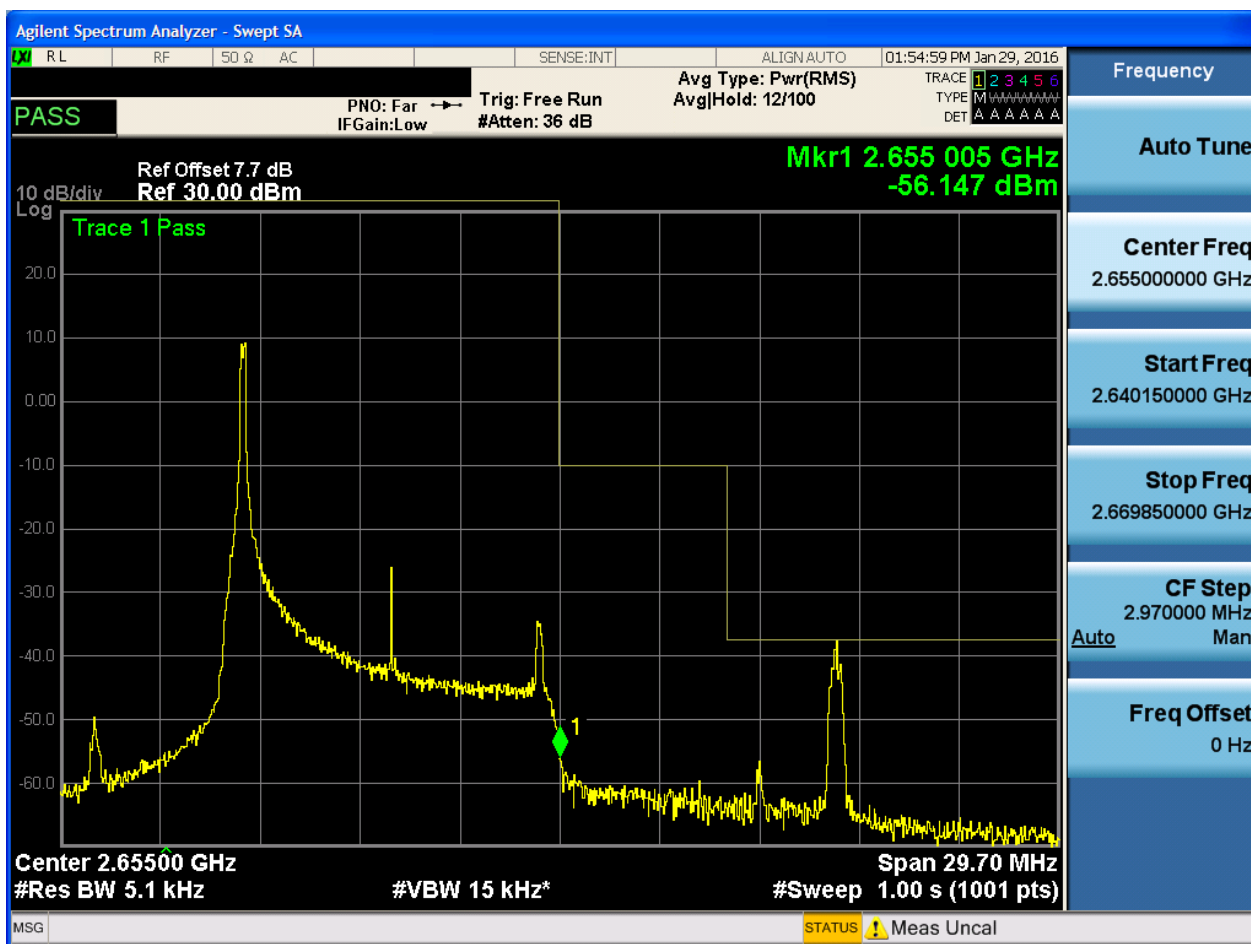
5.1.1.1.2.1.4 Test RB = RB50#0





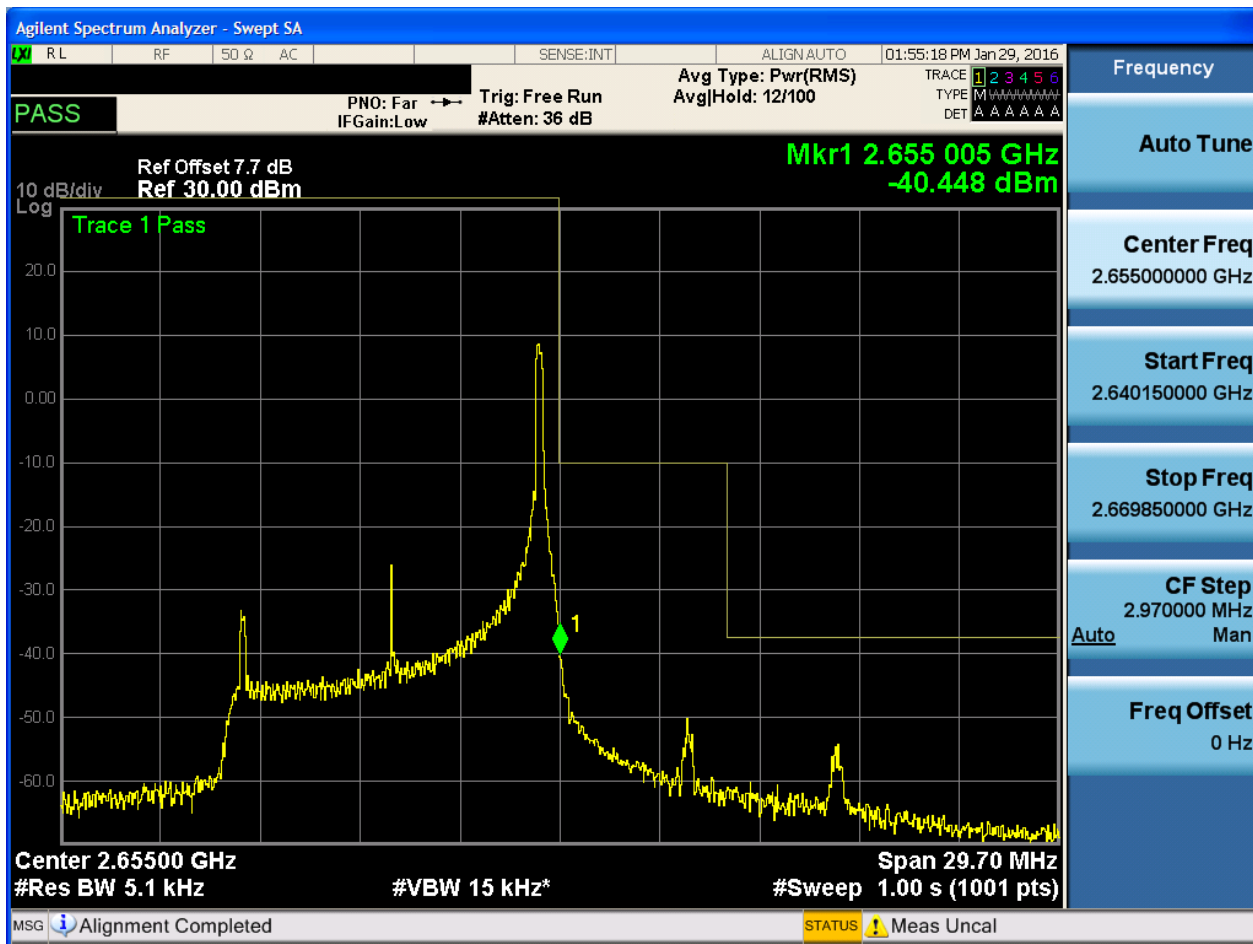
5.1.1.1.2.2 Test Channel = HCH

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

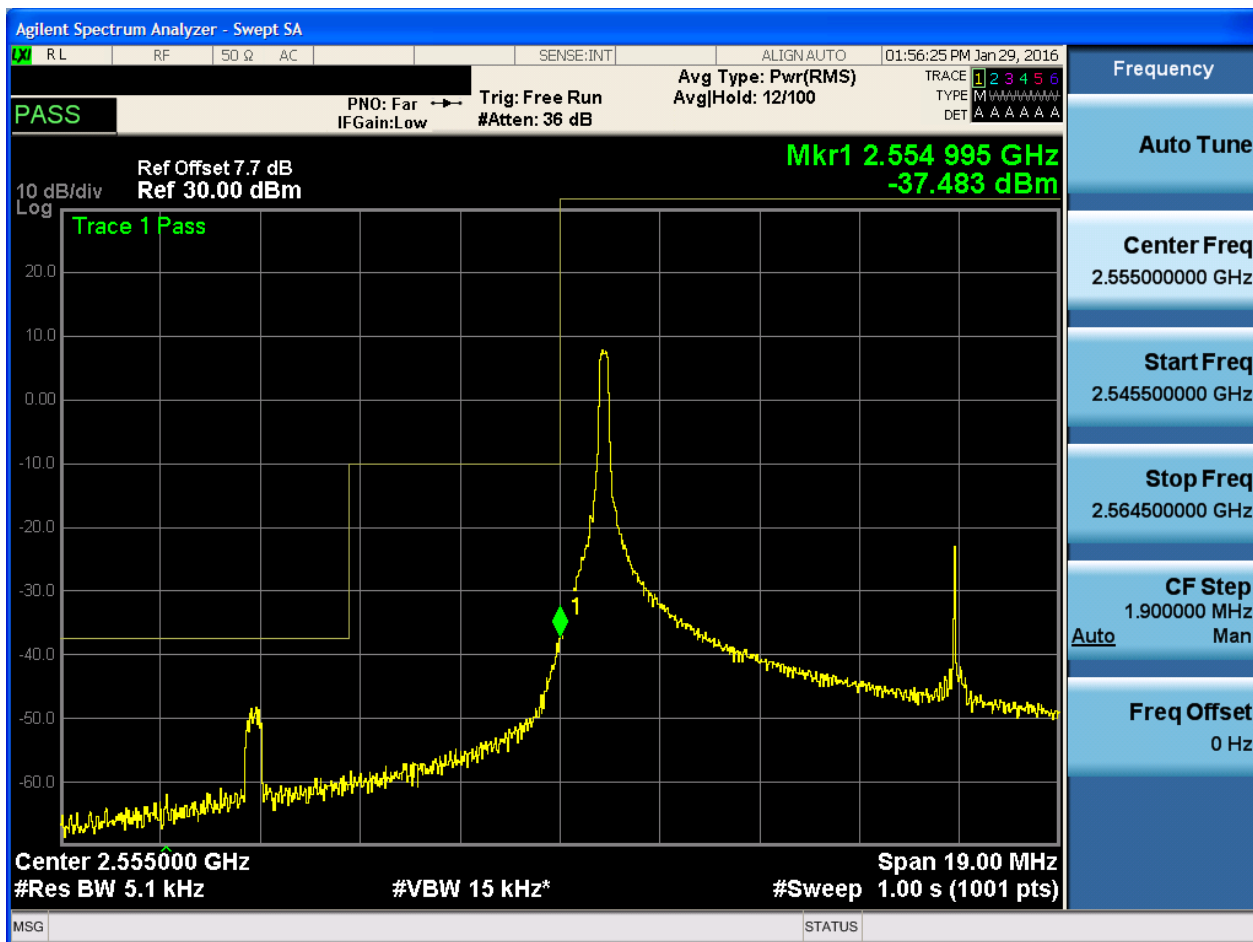




5.1.1.1.3 Test Bandwidth = 15

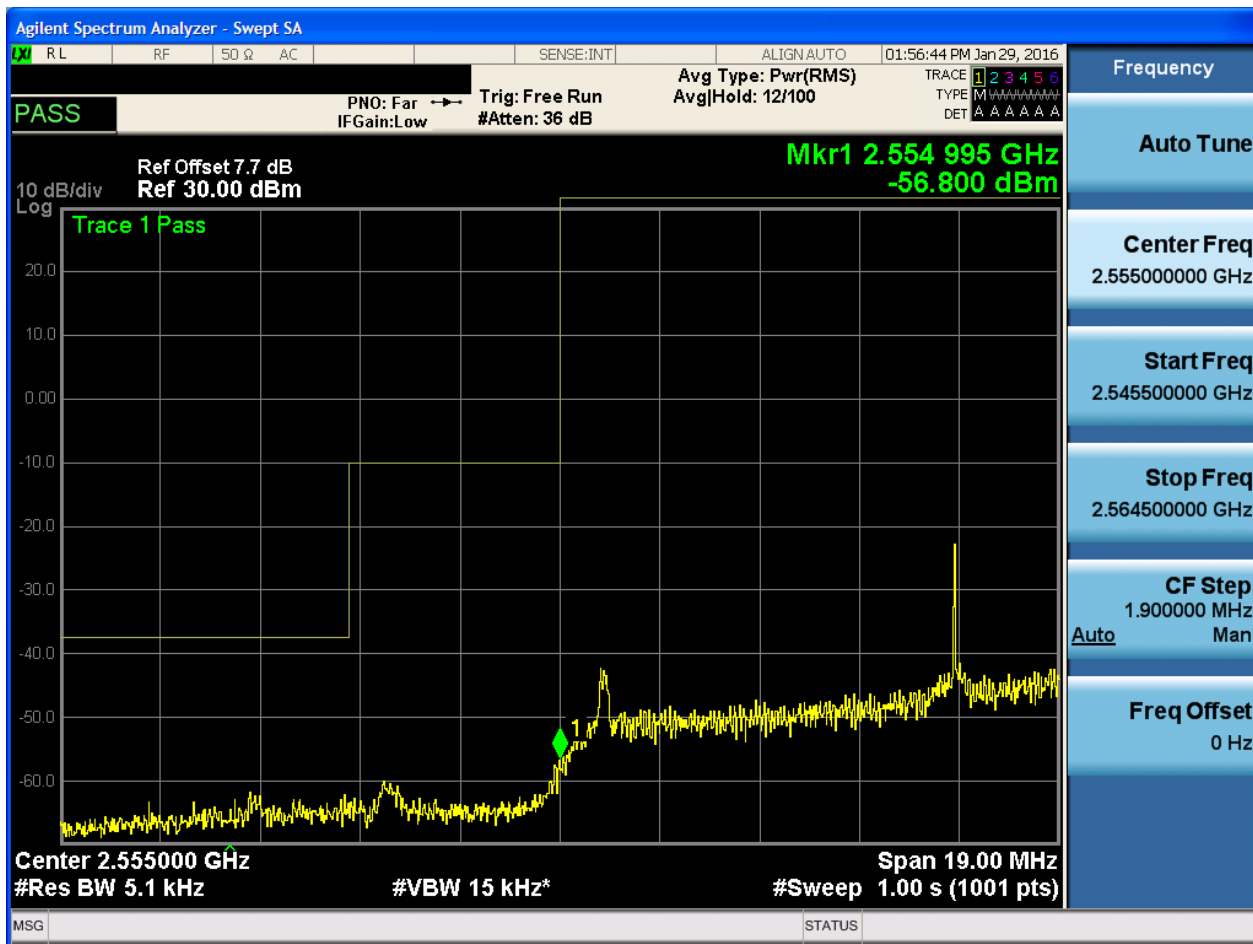
5.1.1.1.3.1 Test Channel = LCH

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





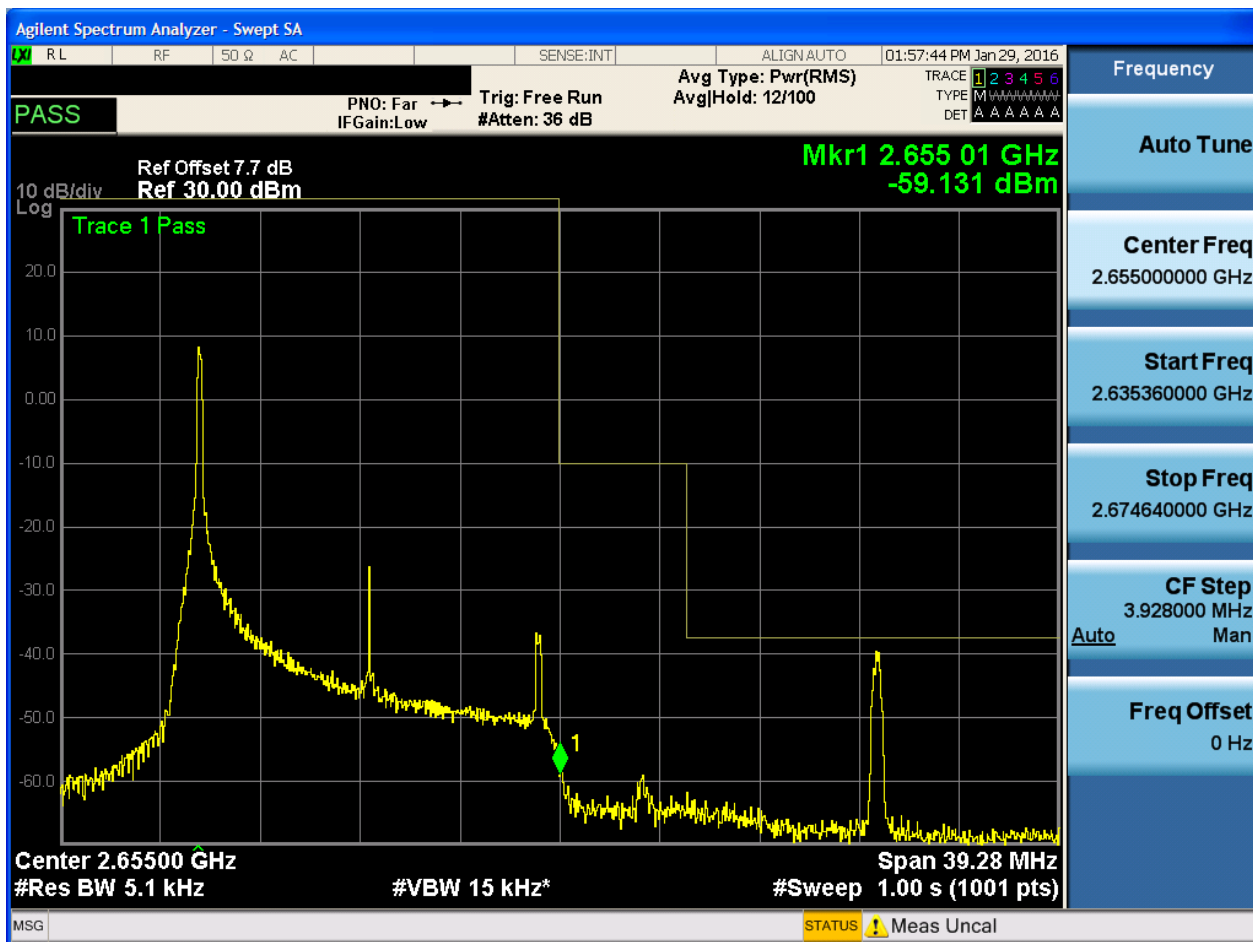
5.1.1.1.3.1.4 Test RB = RB75#0





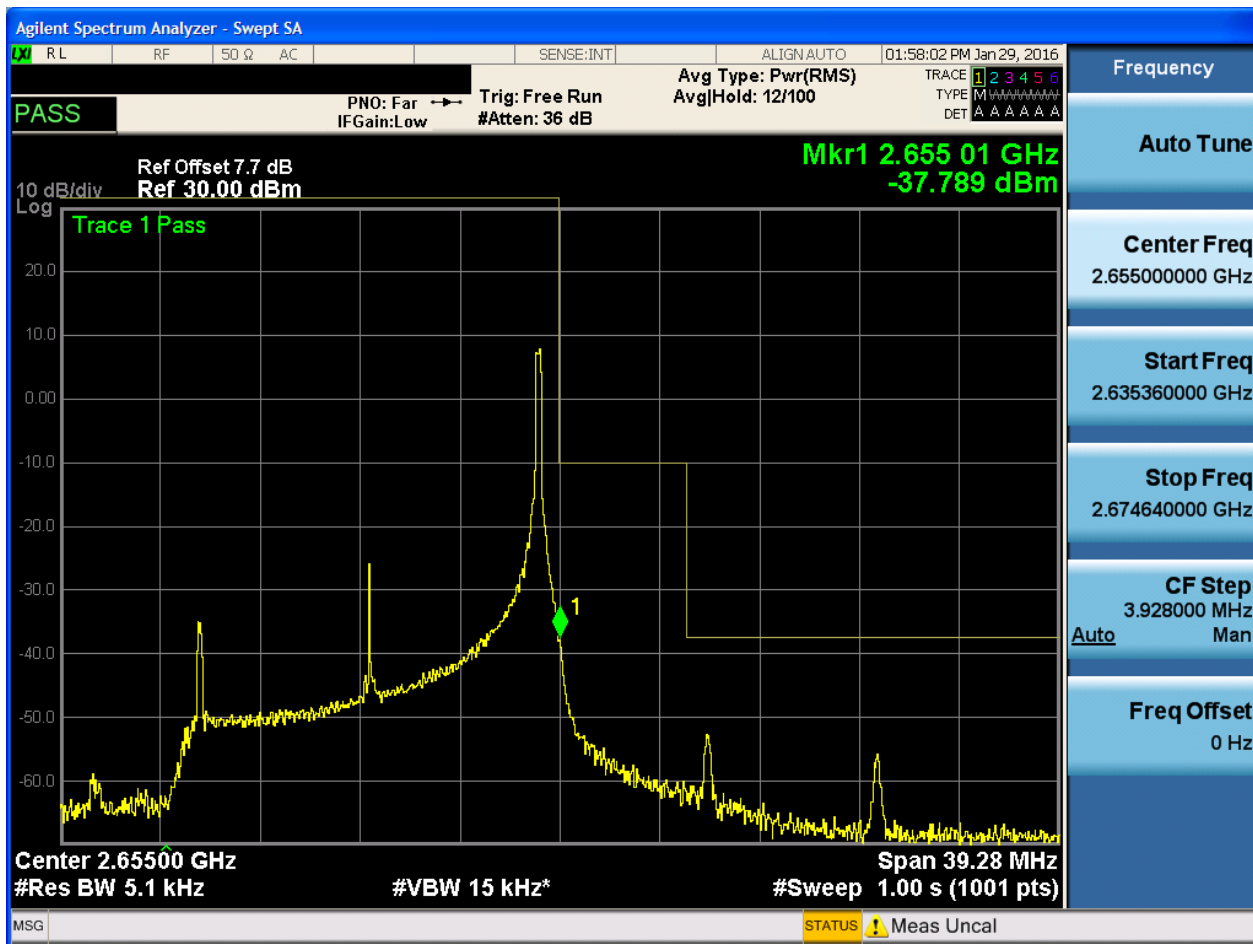
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





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

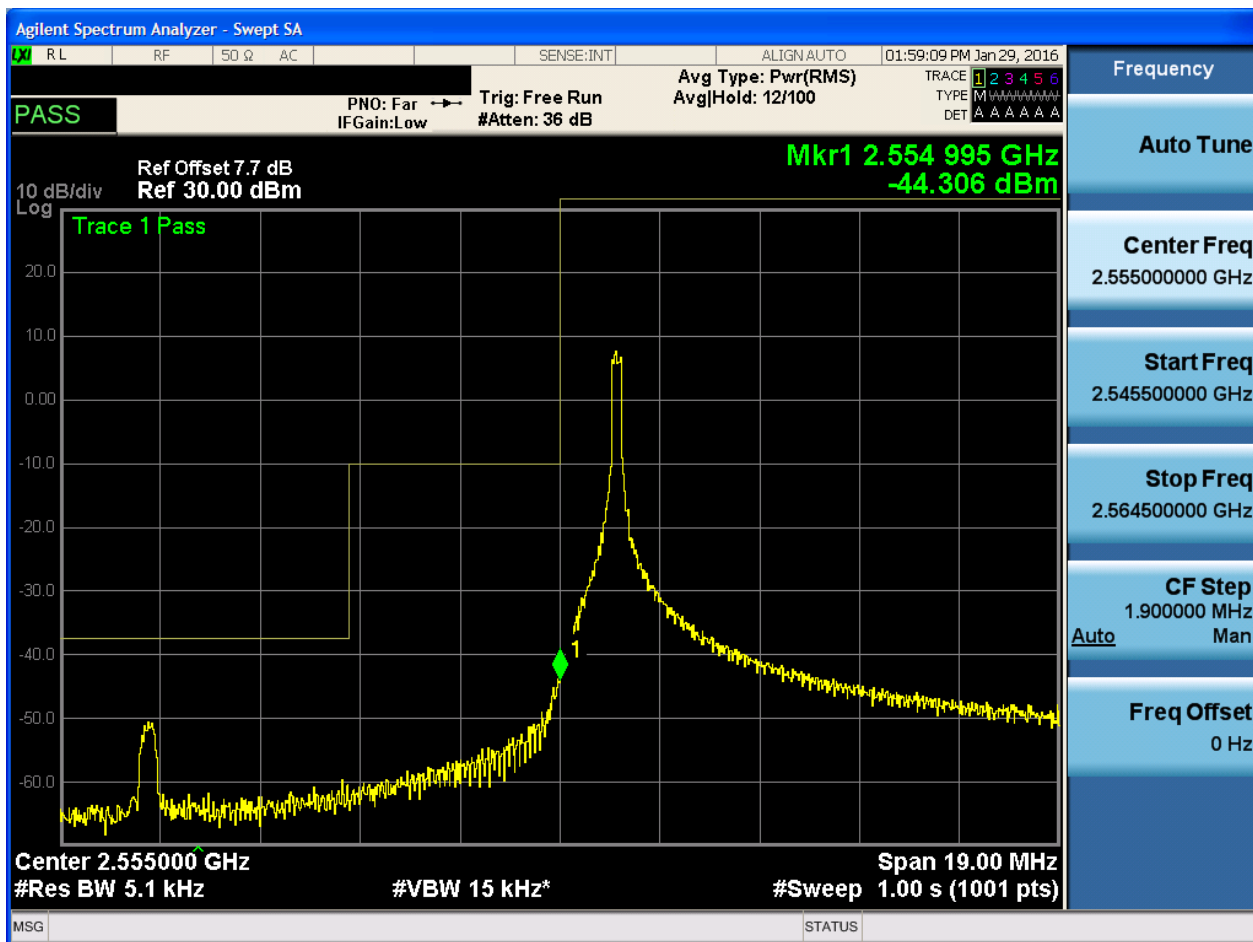




5.1.1.1.4 Test Bandwidth = 20

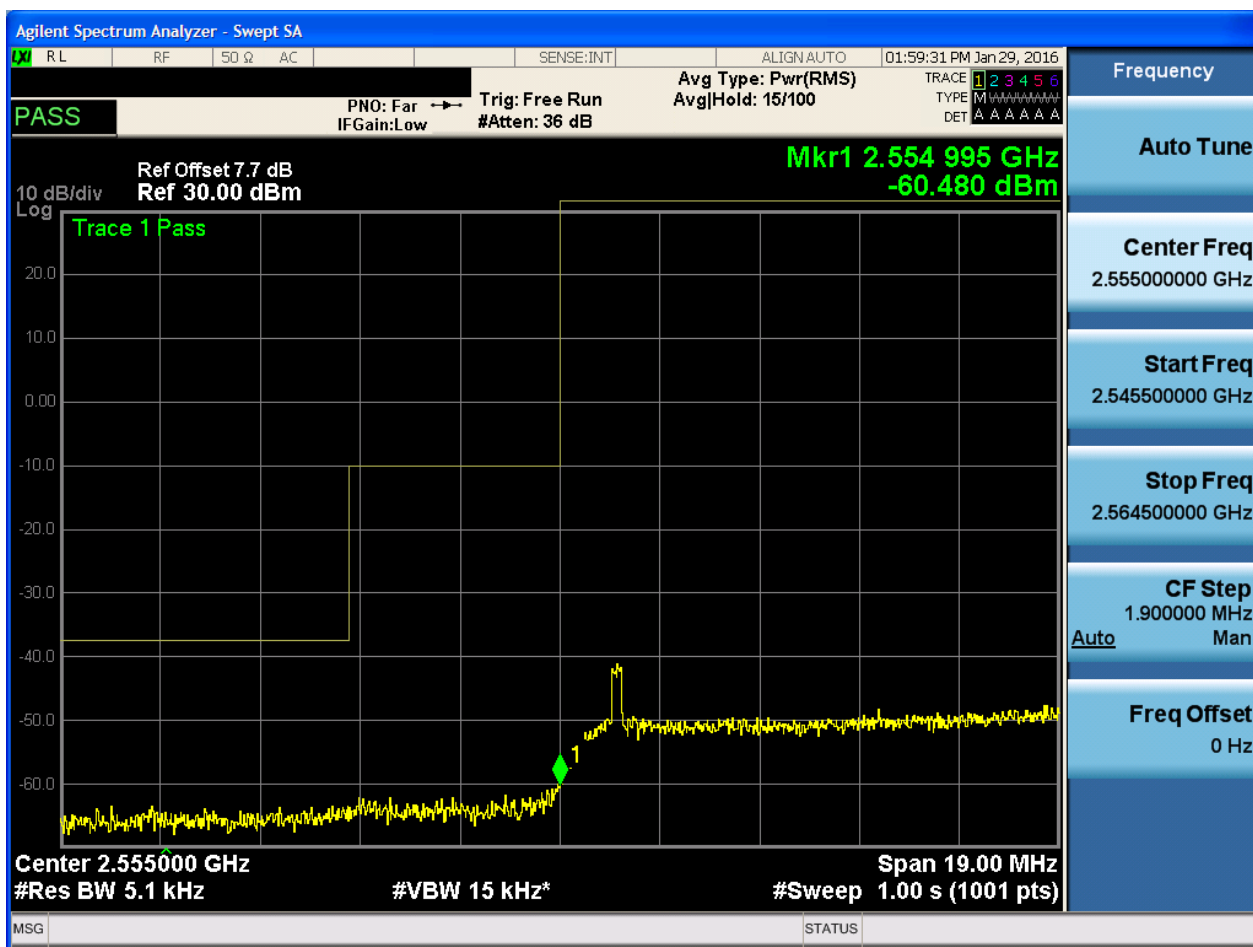
5.1.1.1.4.1 Test Channel = LCH

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



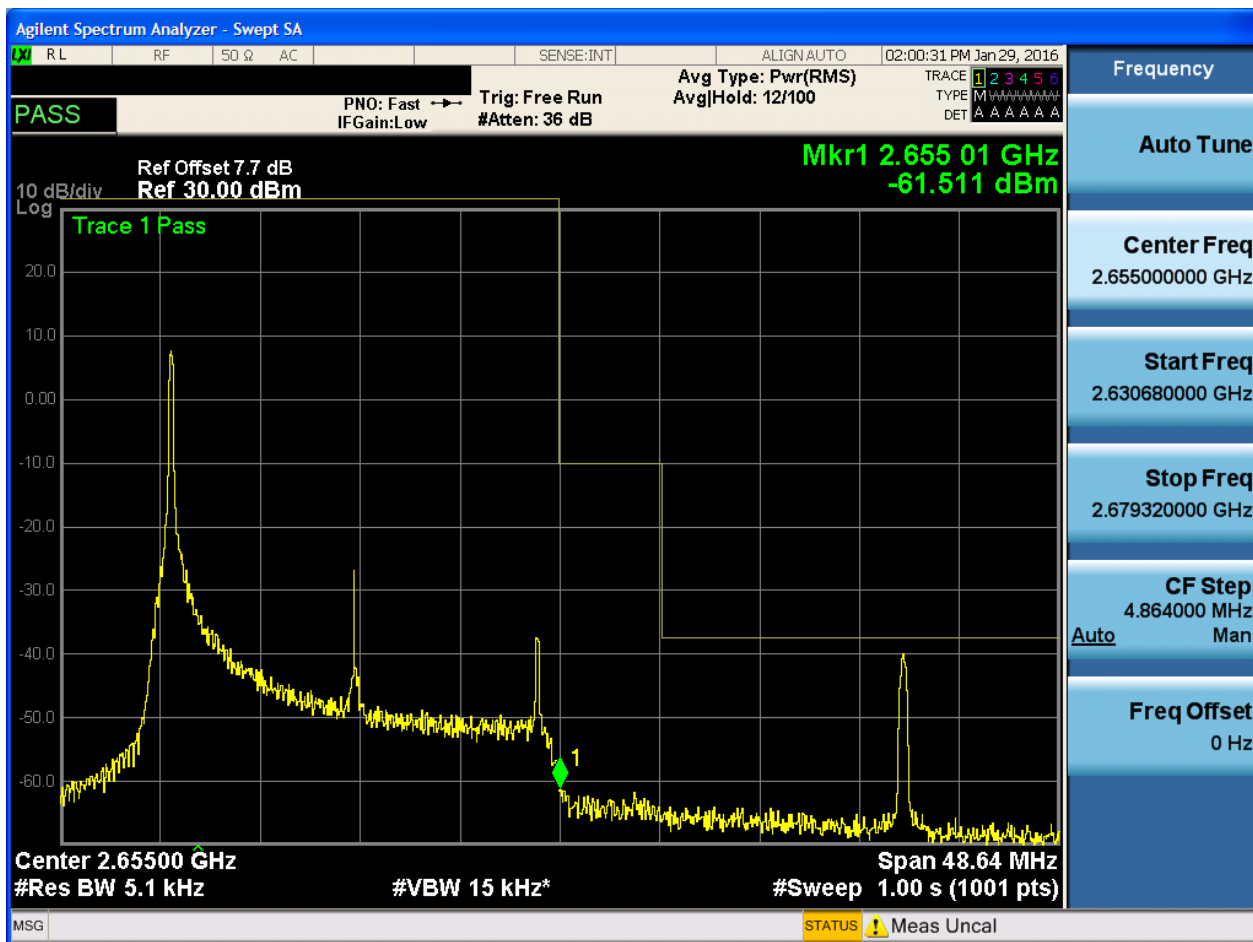


5.1.1.1.4.1.4 Test RB = RB100#0



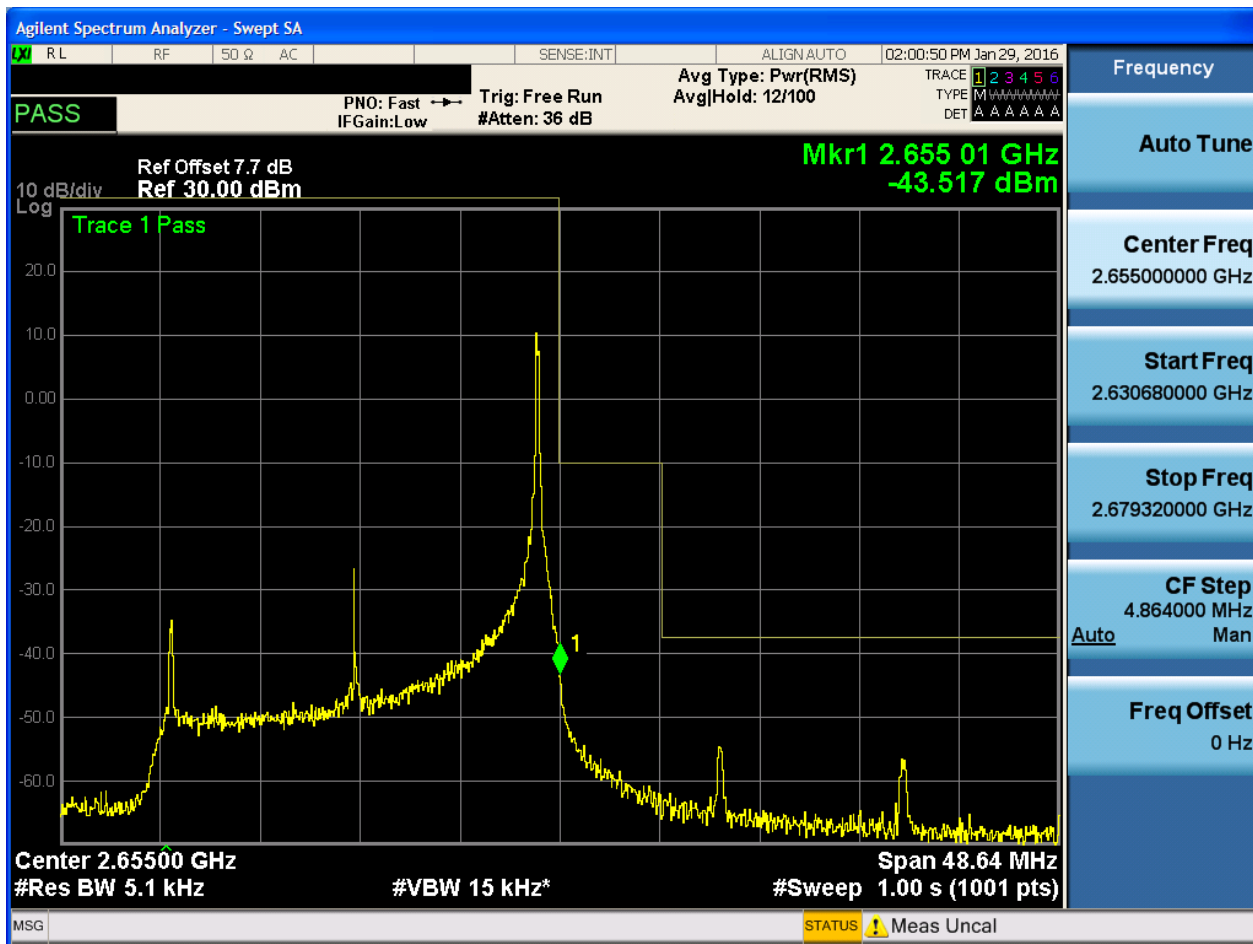
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:01:08 PM Jan 29, 2016

PASS PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
IFGain: Low #Atten: 36 dB AvgHold: 12/100 TYPE M W W W W W W W
DET A A A A A A

Ref Offset 7.7 dB Mkr1 2.655 01 GHz
Ref 30.00 dBm -31.827 dBm

10 dB/div Log

Trace 1 Pass

Center 2.65500 GHz Span 48.64 MHz
#Res BW 180 kHz #VBW 560 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.65500000 GHz

Start Freq
2.630680000 GHz

Stop Freq
2.679320000 GHz

CF Step
4.864000 MHz
Man

Auto

Freq Offset
0 Hz



5.1.1.1.4.2.4 Test RB = RB100#0

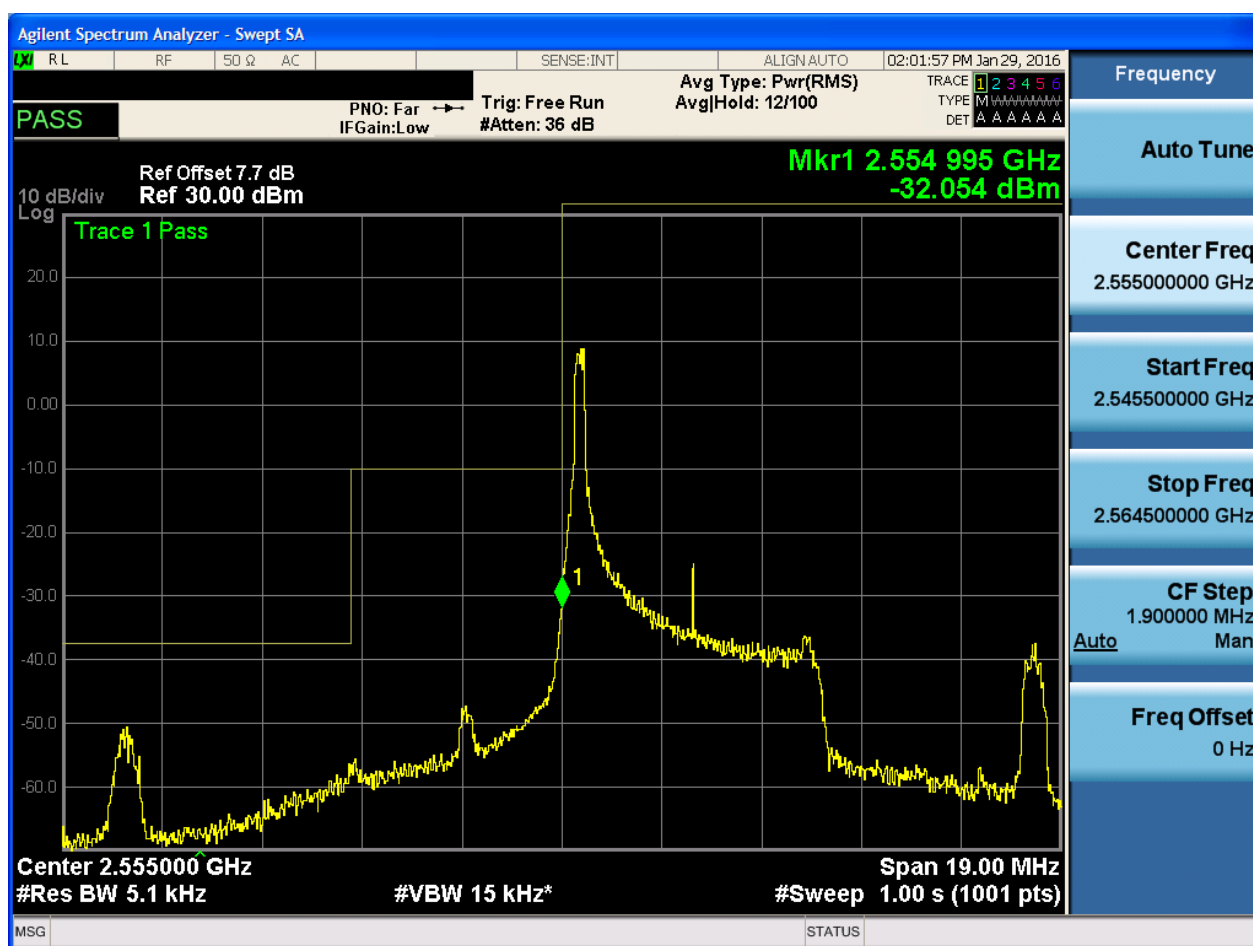


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

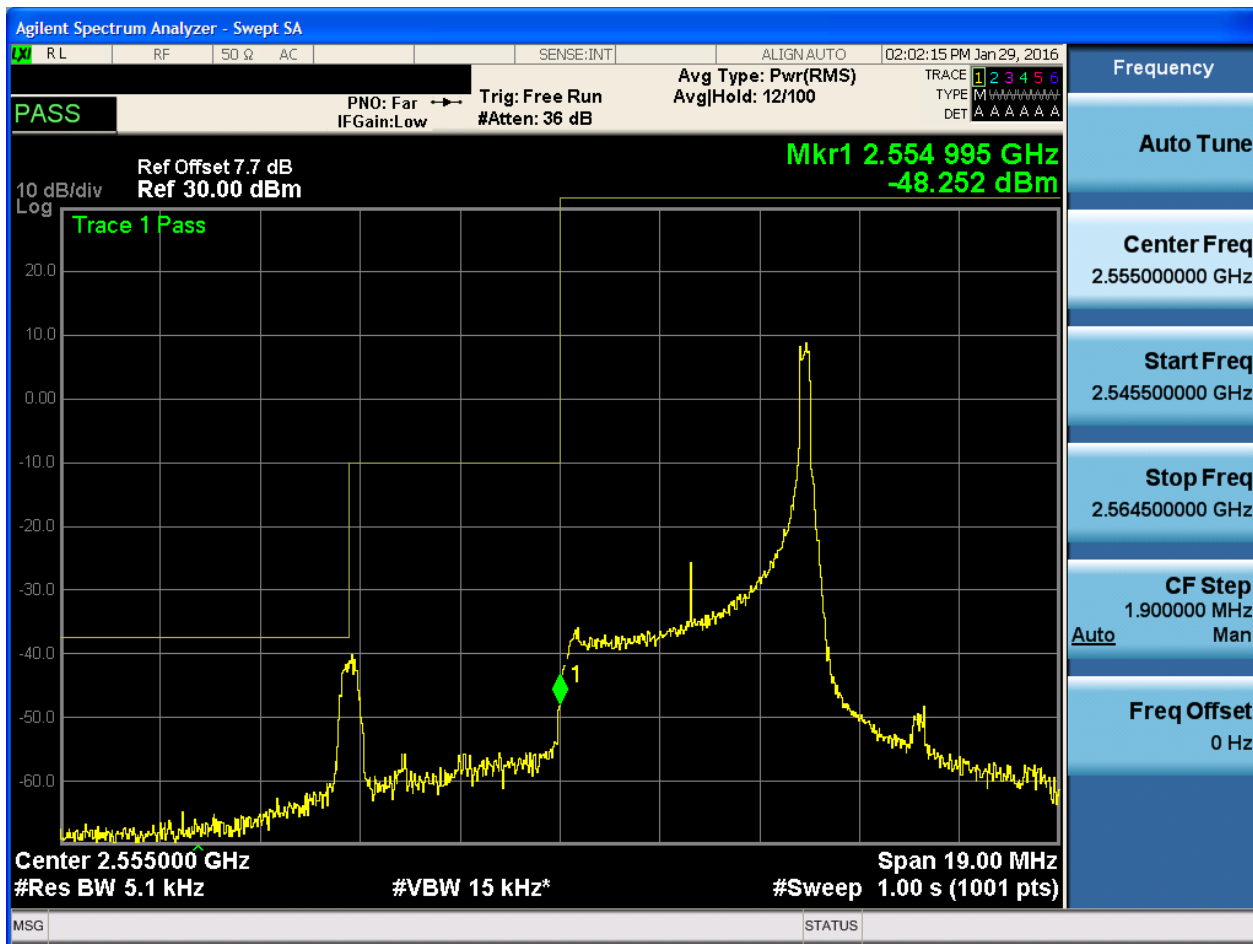
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



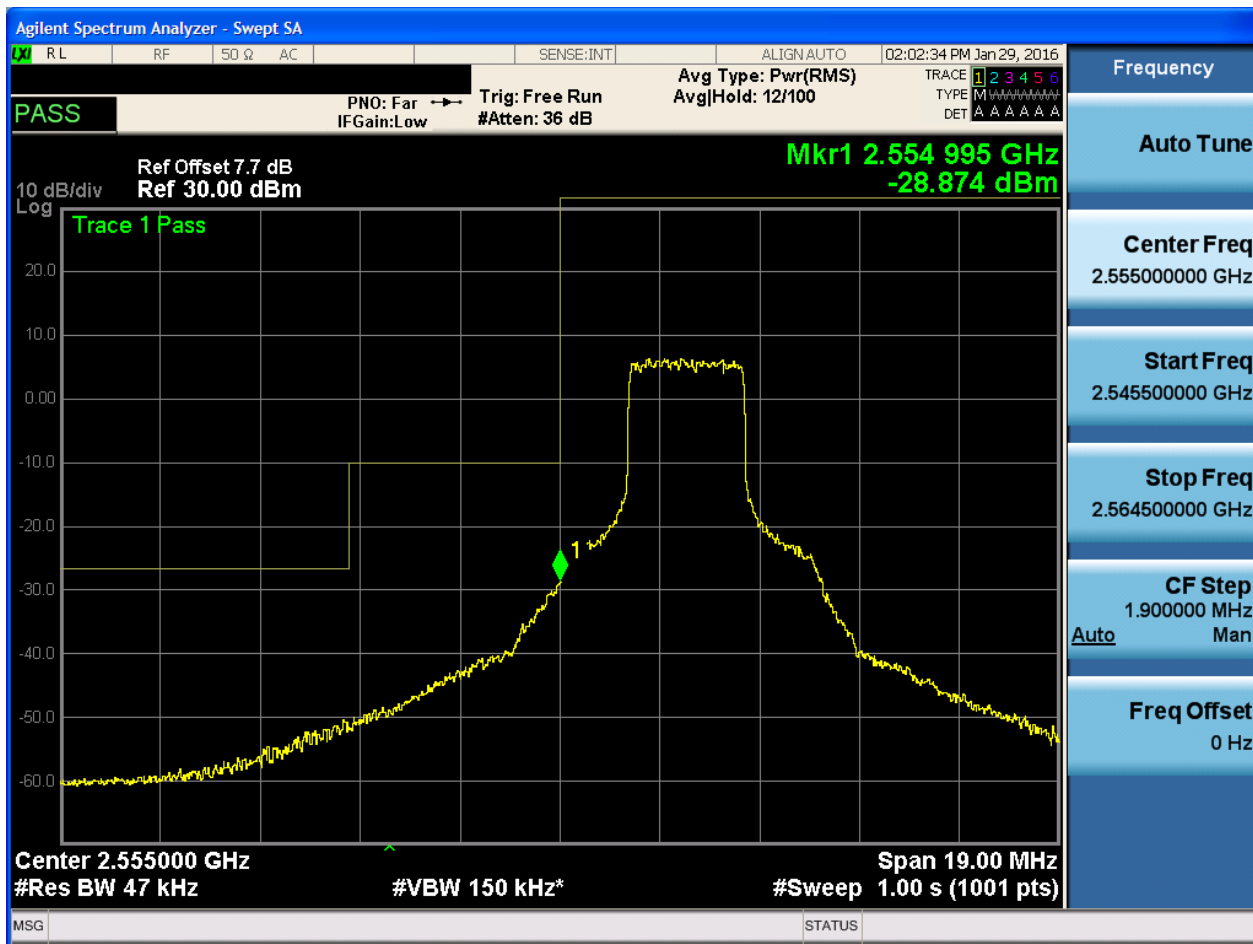


5.1.1.2.1.1.2 Test RB = RB1#24





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 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



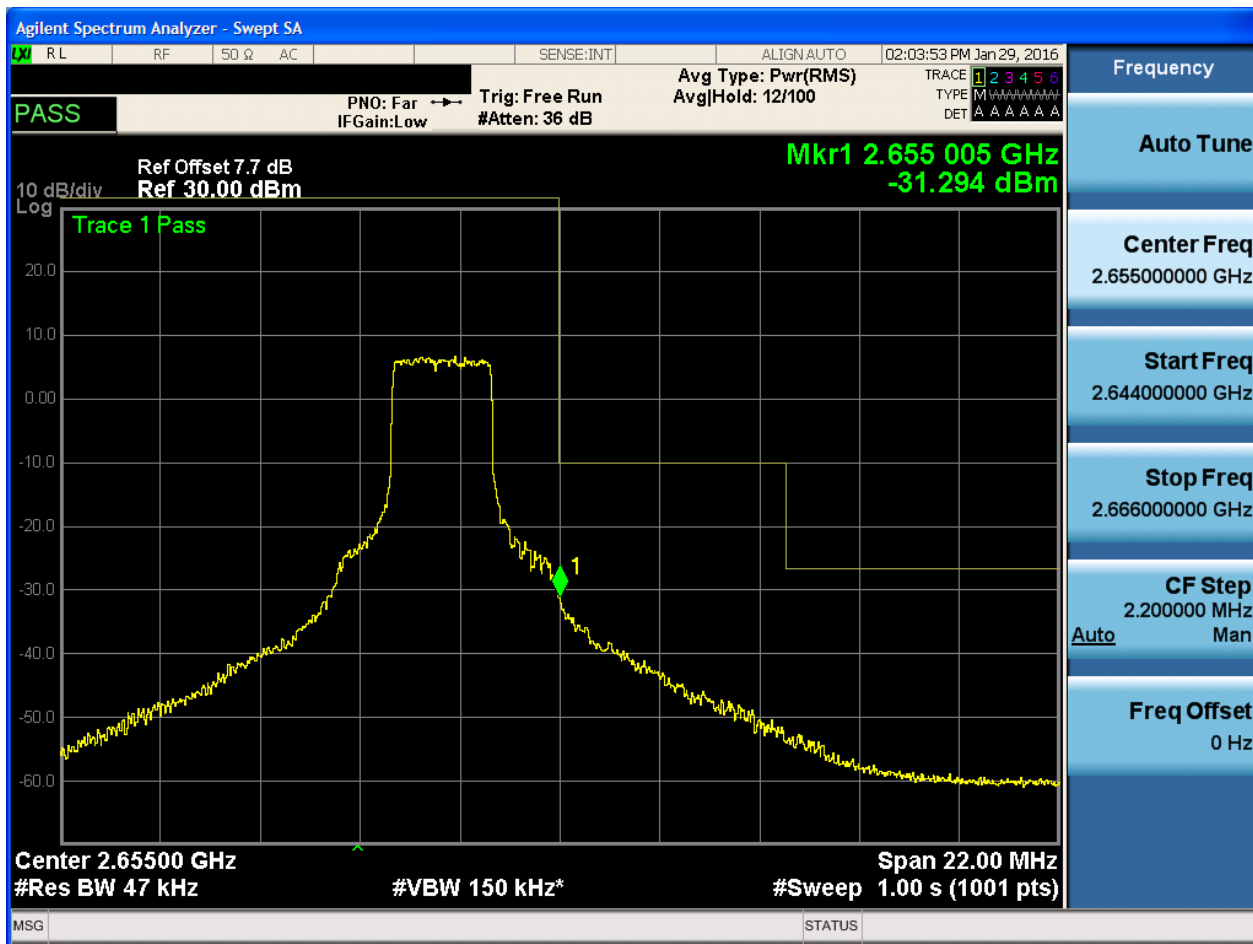


5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0







5.1.1.2.2.1.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:05:19 PM Jan 29, 2016

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

Ref Offset 7.7 dB Mkr1 2.554 995 GHz
Ref 30.00 dBm -30.247 dBm

10 dB/div Log

Trace 1 Pass

Center 2.555000 GHz Span 19.00 MHz
#Res BW 91 kHz #VBW 270 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.555000000 GHz

Start Freq
2.545500000 GHz

Stop Freq
2.564500000 GHz

CF Step
1.900000 MHz
Man

Auto

Freq Offset
0 Hz

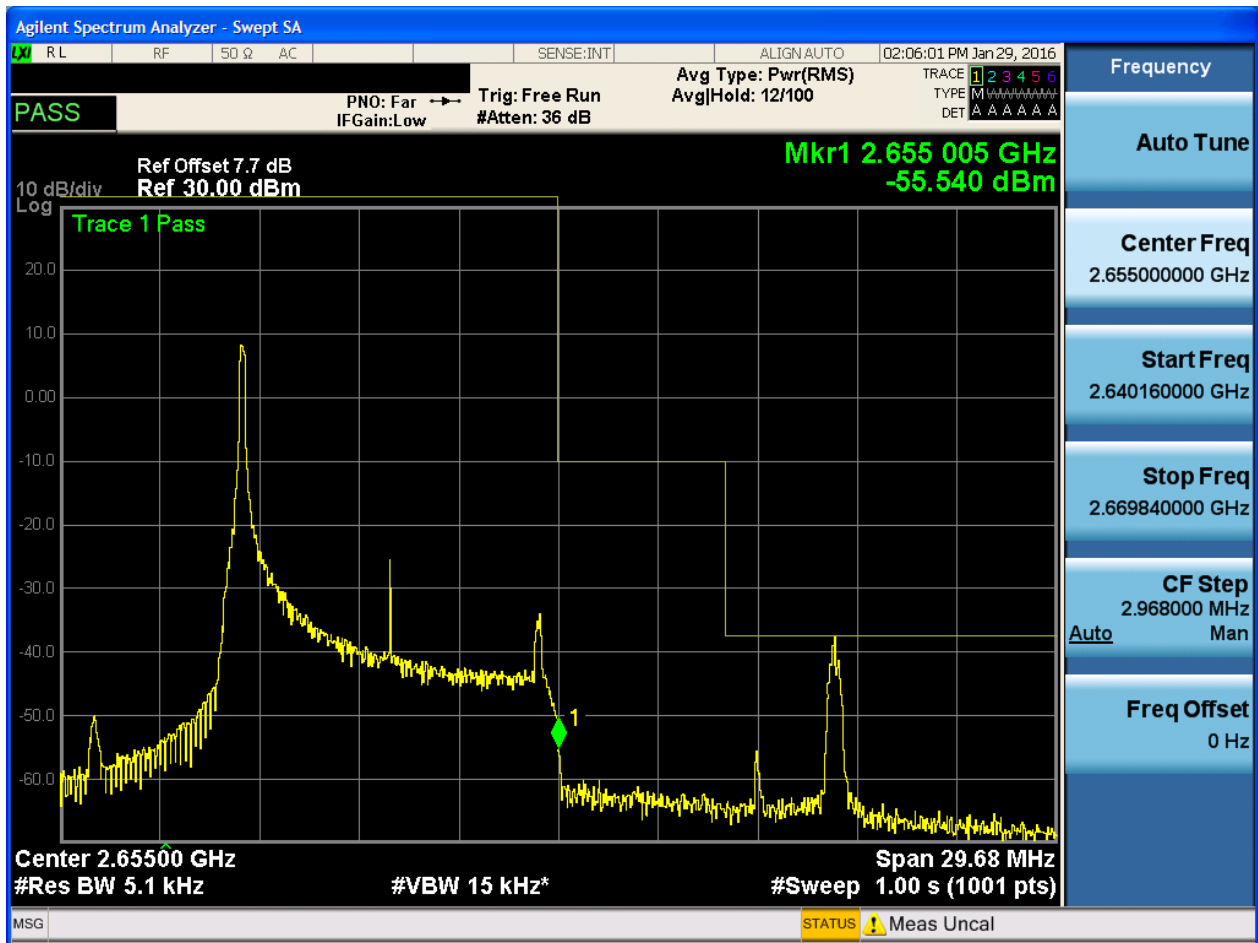


5.1.1.2.2.1.4 Test RB = RB50#0





5.1.1.2.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:06:19 PM Jan 29, 2016

PASS PNO: Far Trig: Free Run Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
IFGain:Low #Atten: 36 dB AvgHold: 12/100 TYPE MAAAAA
DET A A A A A A

Ref Offset 7.7 dB Mkr1 2.655 005 GHz
Ref 30.00 dBm -38.034 dBm

10 dB/div Log

Trace 1 Pass

Center 2.65500 GHz Span 29.68 MHz
#Res BW 5.1 kHz #VBW 15 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS Meas Uncal

Frequency

Auto Tune

Center Freq
2.65500000 GHz

Start Freq
2.640160000 GHz

Stop Freq
2.669840000 GHz

CF Step
2.968000 MHz
Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:06:37 PM Jan 29, 2016

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

Ref Offset 7.7 dB Mkr1 2.655 005 GHz
Ref 30.00 dBm -31.847 dBm

10 dB/div Log

Trace 1 Pass

Center 2.65500 GHz Span 29.68 MHz
#Res BW 91 kHz #VBW 270 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.65500000 GHz

Start Freq
2.640160000 GHz

Stop Freq
2.669840000 GHz

CF Step
2.968000 MHz
Man

Auto

Freq Offset
0 Hz



5.1.1.2.2.4 Test RB = RB50#0

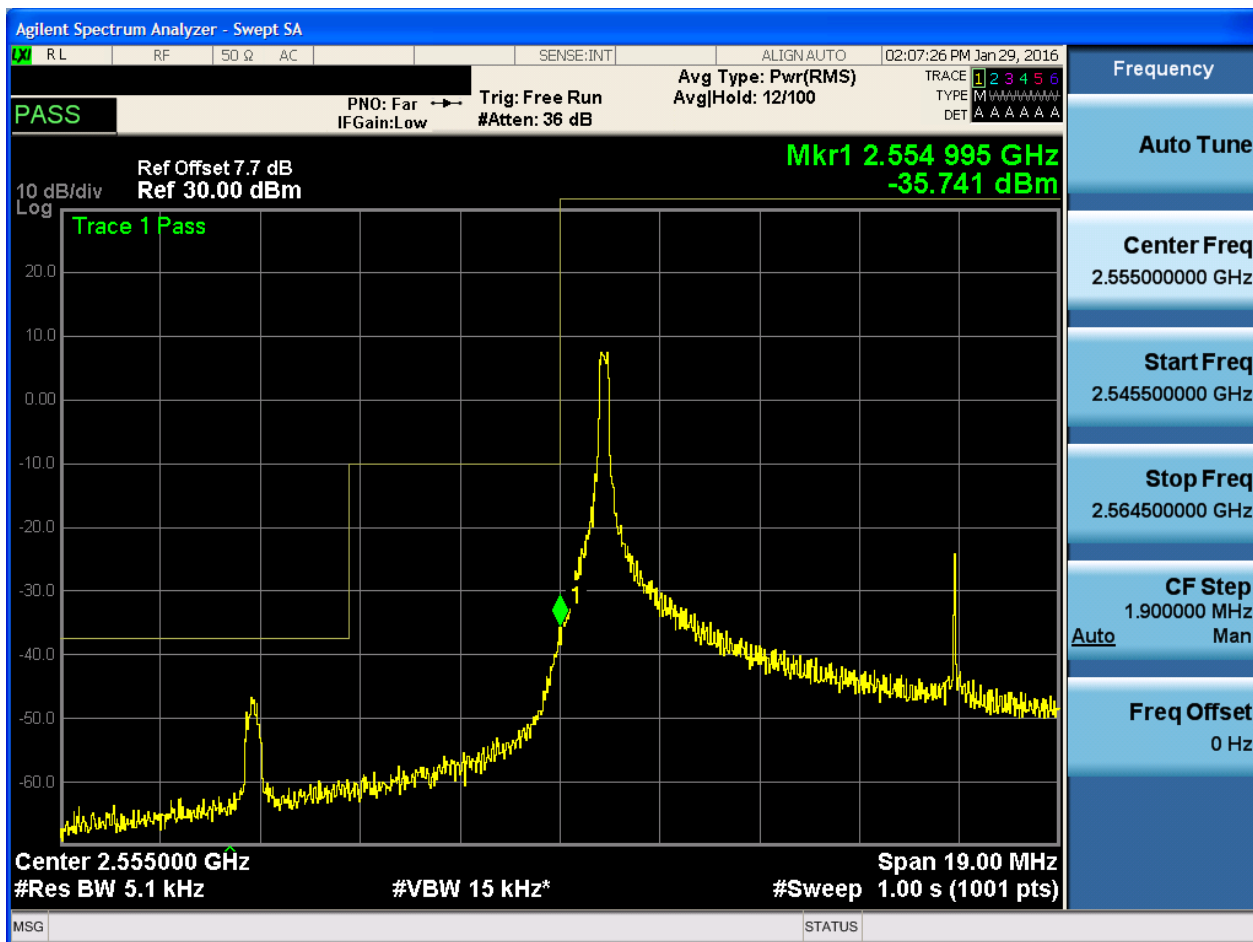




5.1.1.2.3 Test Bandwidth = 15

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

