



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
BAND41	LTE/TM 1	5	LCH	RB1#0	22.66	23.46	33	PASS
				RB1#13	22.82	23.62	33	PASS
				RB1#24	22.22	23.02	33	PASS
				RB12#0	21.78	22.58	33	PASS
				RB12#6	21.81	22.61	33	PASS
				RB12#13	21.64	22.44	33	PASS
				RB25#0	21.68	22.48	33	PASS
			MCH	RB1#0	22.77	23.57	33	PASS
				RB1#13	22.79	23.59	33	PASS
				RB1#24	22.12	22.92	33	PASS
				RB12#0	21.8	22.6	33	PASS
				RB12#6	21.86	22.66	33	PASS
				RB12#13	21.65	22.45	33	PASS
				RB25#0	21.7	22.5	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.75	23.55	33	PASS
				RB1#13	22.9	23.7	33	PASS
				RB1#24	22.37	23.17	33	PASS
				RB12#0	21.96	22.76	33	PASS
				RB12#6	22	22.8	33	PASS
				RB12#13	21.83	22.63	33	PASS
				RB25#0	21.97	22.77	33	PASS
		10	LCH	RB1#0	22.34	23.14	33	PASS
				RB1#25	22.87	23.67	33	PASS
				RB1#49	22.29	23.09	33	PASS
				RB25#0	21.82	22.62	33	PASS
				RB25#13	21.83	22.63	33	PASS
				RB25#25	21.78	22.58	33	PASS
				RB50#0	21.78	22.58	33	PASS
			MCH	RB1#0	22.43	23.23	33	PASS
				RB1#25	22.84	23.64	33	PASS
				RB1#49	22.38	23.18	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.85	22.65	33	PASS
				RB25#13	21.75	22.55	33	PASS
				RB25#25	21.73	22.53	33	PASS
				RB50#0	21.74	22.54	33	PASS
			HCH	RB1#0	22.66	23.46	33	PASS
				RB1#25	22.94	23.74	33	PASS
				RB1#49	22.39	23.19	33	PASS
				RB25#0	21.87	22.67	33	PASS
				RB25#13	22.04	22.84	33	PASS
				RB25#25	21.83	22.63	33	PASS
				RB50#0	22.13	22.93	33	PASS
		15	LCH	RB1#0	22.24	23.04	33	PASS
				RB1#38	22.82	23.62	33	PASS
				RB1#74	22.51	23.31	33	PASS
				RB36#0	21.85	22.65	33	PASS
				RB36#18	21.93	22.73	33	PASS
				RB36#39	21.83	22.63	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.85	22.65	33	PASS
			MCH	RB1#0	22.27	23.07	33	PASS
				RB1#38	22.81	23.61	33	PASS
				RB1#74	22.71	23.51	33	PASS
				RB36#0	21.82	22.62	33	PASS
				RB36#18	21.87	22.67	33	PASS
				RB36#39	21.85	22.65	33	PASS
				RB75#0	21.8	22.6	33	PASS
			HCH	RB1#0	22.56	23.36	33	PASS
				RB1#38	22.82	23.62	33	PASS
				RB1#74	22.7	23.5	33	PASS
				RB36#0	21.99	22.79	33	PASS
				RB36#18	21.96	22.76	33	PASS
				RB36#39	21.98	22.78	33	PASS
				RB75#0	22.32	23.12	33	PASS
		20	LCH	RB1#0	22.02	22.82	33	PASS
				RB1#50	22.91	23.71	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.89	23.69	33	PASS
				RB50#0	21.95	22.75	33	PASS
				RB50#25	21.88	22.68	33	PASS
				RB50#50	21.86	22.66	33	PASS
				RB100#0	21.96	22.76	33	PASS
			MCH	RB1#0	22.02	22.82	33	PASS
				RB1#50	22.78	23.58	33	PASS
				RB1#99	22.84	23.64	33	PASS
				RB50#0	21.97	22.77	33	PASS
				RB50#25	21.8	22.6	33	PASS
				RB50#50	21.96	22.76	33	PASS
				RB100#0	21.93	22.73	33	PASS
			HCH	RB1#0	22.47	23.27	33	PASS
				RB1#50	23.04	23.84	33	PASS
				RB1#99	23.06	23.86	33	PASS
				RB50#0	22.48	23.28	33	PASS
				RB50#25	22.03	22.83	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.02	22.82	33	PASS
				RB100#0	22.56	23.36	33	PASS
	LTE/TM 2	5	LCH	RB1#0	21.83	22.63	33	PASS
				RB1#13	22	22.8	33	PASS
				RB1#24	21.41	22.21	33	PASS
				RB12#0	20.8	21.6	33	PASS
				RB12#6	20.86	21.66	33	PASS
				RB12#13	20.7	21.5	33	PASS
				RB25#0	20.73	21.53	33	PASS
			MCH	RB1#0	21.89	22.69	33	PASS
				RB1#13	21.9	22.7	33	PASS
				RB1#24	21.35	22.15	33	PASS
				RB12#0	20.89	21.69	33	PASS
				RB12#6	20.89	21.69	33	PASS
				RB12#13	20.67	21.47	33	PASS
				RB25#0	20.72	21.52	33	PASS
			HCH	RB1#0	22.14	22.94	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.3	23.1	33	PASS
				RB1#24	21.78	22.58	33	PASS
				RB12#0	21.1	21.9	33	PASS
				RB12#6	21.14	21.94	33	PASS
				RB12#13	20.97	21.77	33	PASS
				RB25#0	20.96	21.76	33	PASS
		10	LCH	RB1#0	21.51	22.31	33	PASS
				RB1#25	21.96	22.76	33	PASS
				RB1#49	21.52	22.32	33	PASS
				RB25#0	20.8	21.6	33	PASS
				RB25#13	20.81	21.61	33	PASS
				RB25#25	20.75	21.55	33	PASS
				RB50#0	20.78	21.58	33	PASS
			MCH	RB1#0	21.74	22.54	33	PASS
				RB1#25	22.03	22.83	33	PASS
				RB1#49	21.59	22.39	33	PASS
				RB25#0	20.85	21.65	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.76	21.56	33	PASS
				RB25#25	20.74	21.54	33	PASS
				RB50#0	20.73	21.53	33	PASS
			HCH	RB1#0	22	22.8	33	PASS
				RB1#25	22.31	23.11	33	PASS
				RB1#49	21.88	22.68	33	PASS
				RB25#0	20.85	21.65	33	PASS
				RB25#13	21.01	21.81	33	PASS
				RB25#25	20.79	21.59	33	PASS
				RB50#0	21.11	21.91	33	PASS
		15	LCH	RB1#0	21.52	22.32	33	PASS
				RB1#38	22.05	22.85	33	PASS
				RB1#74	21.72	22.52	33	PASS
				RB36#0	20.85	21.65	33	PASS
				RB36#18	20.93	21.73	33	PASS
				RB36#39	20.83	21.63	33	PASS
				RB75#0	20.79	21.59	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.69	22.49	33	PASS
				RB1#38	21.99	22.79	33	PASS
				RB1#74	21.96	22.76	33	PASS
				RB36#0	20.84	21.64	33	PASS
				RB36#18	20.86	21.66	33	PASS
				RB36#39	20.81	21.61	33	PASS
				RB75#0	20.72	21.52	33	PASS
			HCH	RB1#0	21.78	22.58	33	PASS
				RB1#38	21.92	22.72	33	PASS
				RB1#74	21.88	22.68	33	PASS
				RB36#0	21.06	21.86	33	PASS
				RB36#18	21.09	21.89	33	PASS
				RB36#39	21.05	21.85	33	PASS
				RB75#0	21.33	22.13	33	PASS
		20	LCH	RB1#0	22.14	22.94	33	PASS
				RB1#50	22.42	23.22	33	PASS
				RB1#99	22.39	23.19	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21	21.8	33	PASS
				RB50#25	20.93	21.73	33	PASS
				RB50#50	20.9	21.7	33	PASS
				RB100#0	20.99	21.79	33	PASS
			MCH	RB1#0	21.63	22.43	33	PASS
				RB1#50	21.76	22.56	33	PASS
				RB1#99	21.98	22.78	33	PASS
				RB50#0	21.04	21.84	33	PASS
				RB50#25	20.88	21.68	33	PASS
				RB50#50	21.04	21.84	33	PASS
				RB100#0	20.96	21.76	33	PASS
			HCH	RB1#0	22.12	22.92	33	PASS
				RB1#50	22.21	23.01	33	PASS
				RB1#99	22.23	23.03	33	PASS
				RB50#0	21.51	22.31	33	PASS
				RB50#25	21.03	21.83	33	PASS
				RB50#50	21.06	21.86	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.54	22.34	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
BAND41	LTE/TM1	5	LCH	RB1#0	5.56	13	PASS
				RB1#13	5.52	13	PASS
				RB1#24	5.66	13	PASS
				RB12#0	6.49	13	PASS
				RB12#6	6.38	13	PASS
				RB12#13	6.31	13	PASS
				RB25#0	6.32	13	PASS
			MCH	RB1#0	5.06	13	PASS
				RB1#13	5.05	13	PASS
				RB1#24	5.22	13	PASS
				RB12#0	6.05	13	PASS
				RB12#6	5.98	13	PASS
				RB12#13	6.17	13	PASS
				RB25#0	5.94	13	PASS
			HCH	RB1#0	4.84	13	PASS
				RB1#13	4.72	13	PASS
				RB1#24	4.83	13	PASS
				RB12#0	5.91	13	PASS
				RB12#6	5.44	13	PASS
				RB12#13	6	13	PASS
				RB25#0	6.24	13	PASS
		10	LCH	RB1#0	5.12	13	PASS
				RB1#25	5.07	13	PASS
				RB1#49	5.18	13	PASS
				RB25#0	5.92	13	PASS
				RB25#13	5.84	13	PASS
				RB25#25	5.96	13	PASS
				RB50#0	6.5	13	PASS
			MCH	RB1#0	5.1	13	PASS
				RB1#25	4.96	13	PASS
				RB1#49	5.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.86	13	PASS
				RB25#13	5.83	13	PASS
				RB25#25	5.95	13	PASS
				RB50#0	6.13	13	PASS
			HCH	RB1#0	4.93	13	PASS
				RB1#25	4.87	13	PASS
				RB1#49	4.93	13	PASS
				RB25#0	6.12	13	PASS
				RB25#13	5.68	13	PASS
				RB25#25	5.86	13	PASS
				RB50#0	6.19	13	PASS
		15	LCH	RB1#0	5.4	13	PASS
				RB1#38	5.19	13	PASS
				RB1#74	5.39	13	PASS
				RB36#0	6.32	13	PASS
				RB36#18	6.34	13	PASS
				RB36#39	6.36	13	PASS
				RB75#0	6.51	13	PASS
			MCH	RB1#0	4.63	13	PASS
				RB1#38	4.46	13	PASS
				RB1#74	4.75	13	PASS
				RB36#0	5.97	13	PASS
				RB36#18	6.06	13	PASS
				RB36#39	6.02	13	PASS
				RB75#0	6.59	13	PASS
			HCH	RB1#0	5.49	13	PASS
				RB1#38	5.38	13	PASS
				RB1#74	5.51	13	PASS
				RB36#0	6.28	13	PASS
				RB36#18	6.18	13	PASS
				RB36#39	5.94	13	PASS
				RB75#0	6.22	13	PASS
		20	LCH	RB1#0	5.3	13	PASS
				RB1#50	5.22	13	PASS
				RB1#99	5.3	13	PASS
				RB50#0	6.16	13	PASS
				RB50#25	6.06	13	PASS
				RB50#50	6.19	13	PASS
				RB100#0	6.65	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	5.2	13	PASS
				RB1#50	5.18	13	PASS
				RB1#99	5.29	13	PASS
				RB50#0	6.11	13	PASS
				RB50#25	6.28	13	PASS
				RB50#50	6.24	13	PASS
				RB100#0	6.57	13	PASS
			HCH	RB1#0	4.95	13	PASS
				RB1#50	4.49	13	PASS
				RB1#99	4.71	13	PASS
				RB50#0	6.17	13	PASS
				RB50#25	6.17	13	PASS
				RB50#50	5.93	13	PASS
				RB100#0	6.27	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.65	13	PASS
				RB1#13	5.58	13	PASS
				RB1#24	5.68	13	PASS
				RB12#0	6.66	13	PASS
				RB12#6	6.84	13	PASS
				RB12#13	6.83	13	PASS
				RB25#0	6.88	13	PASS
			MCH	RB1#0	5.76	13	PASS
				RB1#13	5.94	13	PASS
				RB1#24	5.83	13	PASS
				RB12#0	6.6	13	PASS
				RB12#6	6.84	13	PASS
				RB12#13	6.68	13	PASS
				RB25#0	6.58	13	PASS
			HCH	RB1#0	5.51	13	PASS
				RB1#13	5.45	13	PASS
				RB1#24	5.37	13	PASS
				RB12#0	6.46	13	PASS
				RB12#6	6.53	13	PASS
				RB12#13	6.34	13	PASS
				RB25#0	6.68	13	PASS
		10	LCH	RB1#0	6.16	13	PASS
				RB1#25	6.08	13	PASS
				RB1#49	6.15	13	PASS
				RB25#0	6.82	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.78	13	PASS
				RB25#25	6.76	13	PASS
				RB50#0	6.83	13	PASS
			MCH	RB1#0	5.75	13	PASS
				RB1#25	5.47	13	PASS
				RB1#49	5.58	13	PASS
				RB25#0	6.69	13	PASS
				RB25#13	6.89	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	7.19	13	PASS
			HCH	RB1#0	5.51	13	PASS
				RB1#25	5.36	13	PASS
				RB1#49	5.34	13	PASS
				RB25#0	6.92	13	PASS
				RB25#13	6.74	13	PASS
				RB25#25	6.73	13	PASS
				RB50#0	6.75	13	PASS
		15	LCH	RB1#0	5.5	13	PASS
				RB1#38	5.35	13	PASS
				RB1#74	5.56	13	PASS
				RB36#0	7.06	13	PASS
				RB36#18	6.94	13	PASS
				RB36#39	7.02	13	PASS
				RB75#0	7.37	13	PASS
			MCH	RB1#0	5.58	13	PASS
				RB1#38	5.5	13	PASS
				RB1#74	5.7	13	PASS
				RB36#0	6.87	13	PASS
				RB36#18	7.03	13	PASS
				RB36#39	6.85	13	PASS
				RB75#0	7.11	13	PASS
			HCH	RB1#0	6.11	13	PASS
				RB1#38	5.82	13	PASS
				RB1#74	5.8	13	PASS
				RB36#0	6.66	13	PASS
				RB36#18	6.87	13	PASS
				RB36#39	6.64	13	PASS
				RB75#0	7.26	13	PASS
		20	LCH	RB1#0	5.68	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	5.45	13	PASS
				RB1#99	5.65	13	PASS
				RB50#0	6.74	13	PASS
				RB50#25	6.8	13	PASS
				RB50#50	6.76	13	PASS
				RB100#0	6.8	13	PASS
			MCH	RB1#0	5.21	13	PASS
				RB1#50	5.09	13	PASS
				RB1#99	5.34	13	PASS
				RB50#0	7	13	PASS
				RB50#25	6.99	13	PASS
				RB50#50	7.13	13	PASS
				RB100#0	7.4	13	PASS
			HCH	RB1#0	6.28	13	PASS
				RB1#50	6.19	13	PASS
				RB1#99	6.02	13	PASS
				RB50#0	6.83	13	PASS
				RB50#25	7.12	13	PASS
				RB50#50	6.81	13	PASS
				RB100#0	6.93	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

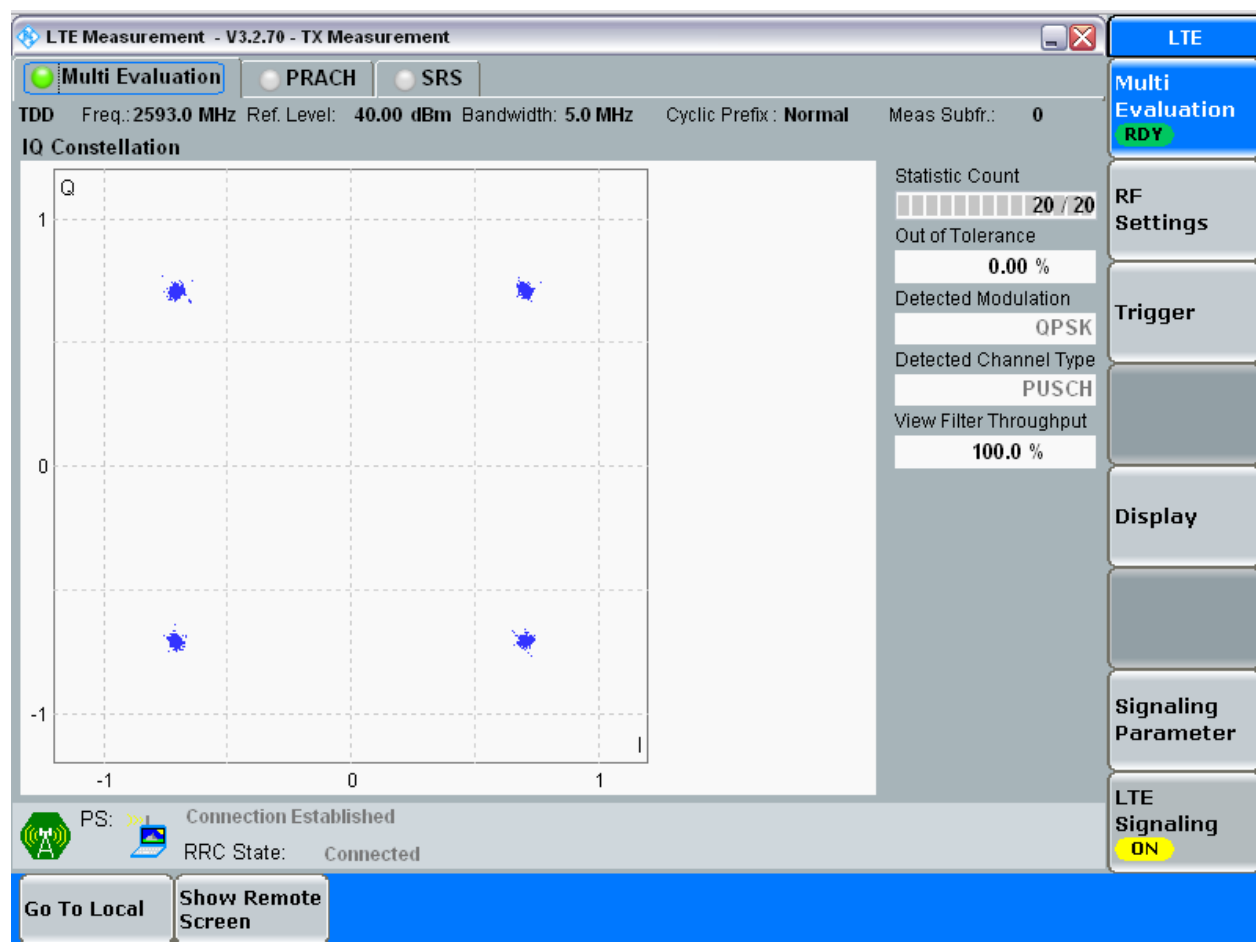
3.1.3 Test Band = BAND41

3.1.3.1 Test Mode = LTE/TM1

3.1.3.1.1 Test Bandwidth = 5

3.1.3.1.1.1 Test Channel = MCH

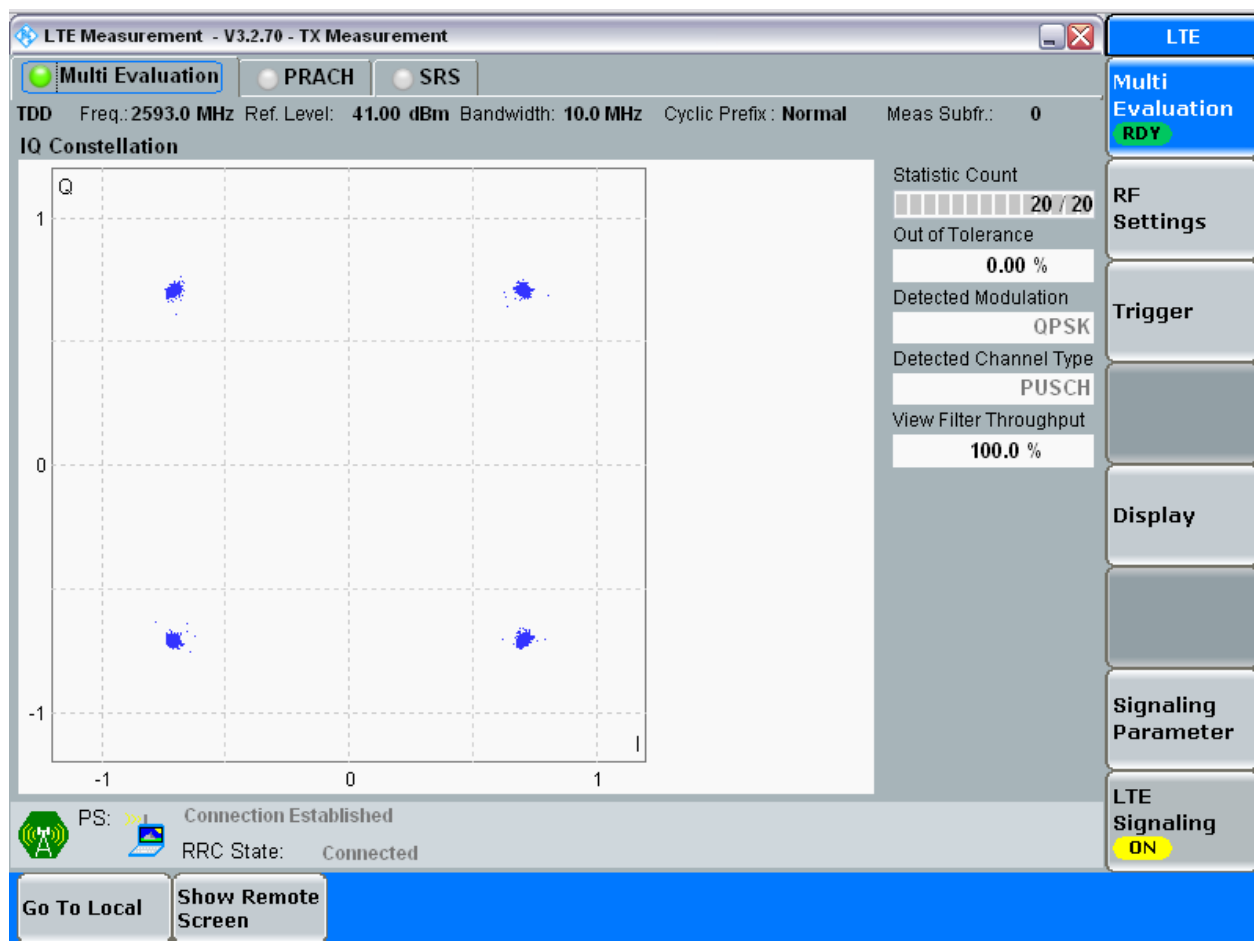
3.1.3.1.1.1.1 Test RB = RB25#0



3.1.3.1.2 Test Bandwidth = 10

3.1.3.1.2.1 Test Channel = MCH

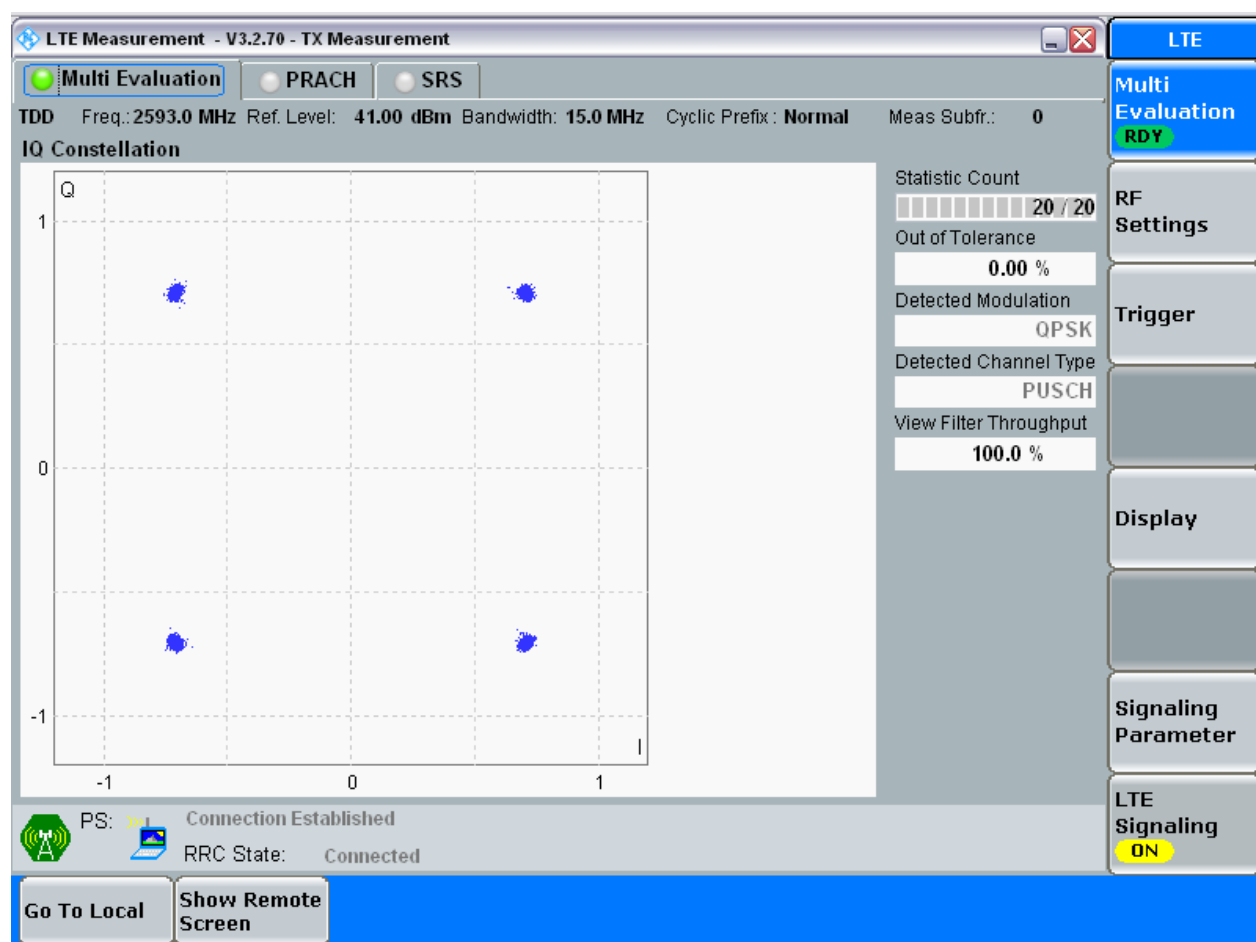
3.1.3.1.2.1.1 Test RB = RB50#0



3.1.3.1.3 Test Bandwidth = 15

3.1.3.1.3.1 Test Channel = MCH

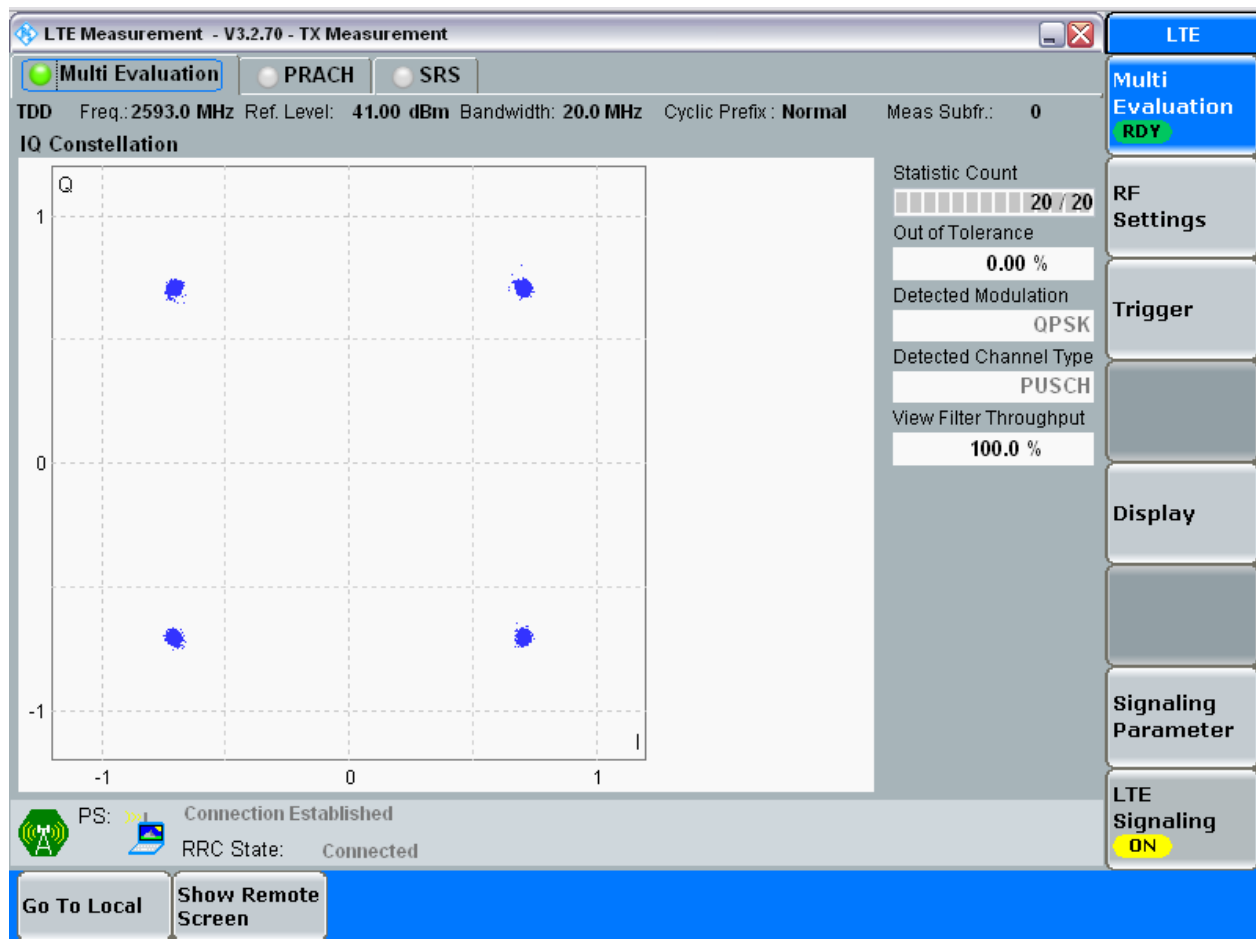
3.1.3.1.3.1.1 Test RB = RB75#0



3.1.3.1.4 Test Bandwidth = 20

3.1.3.1.4.1 Test Channel = MCH

3.1.3.1.4.1.1 Test RB = RB100#0

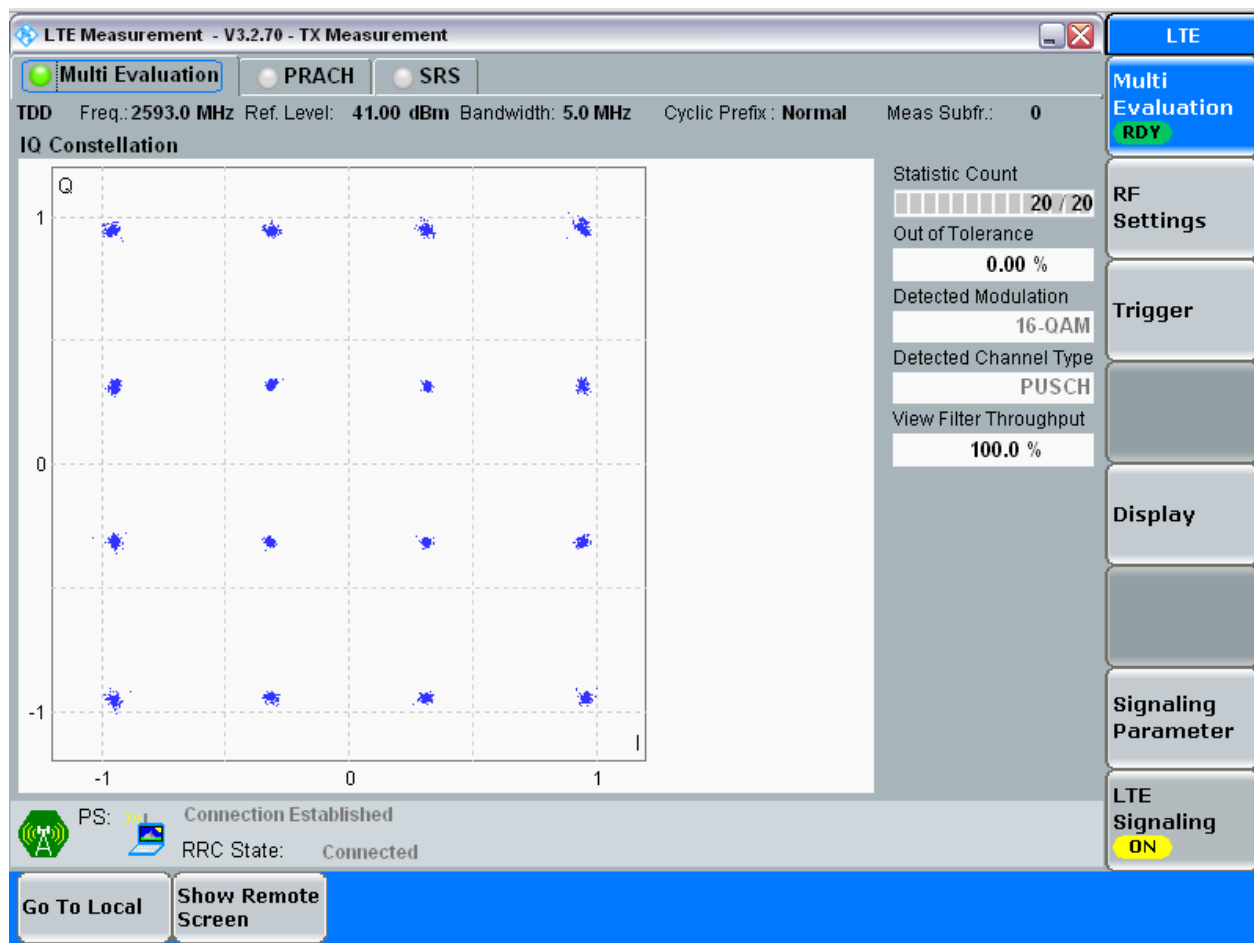


3.1.3.2 Test Mode = LTE/TM2

3.1.3.2.1 Test Bandwidth = 5

3.1.3.2.1.1 Test Channel = MCH

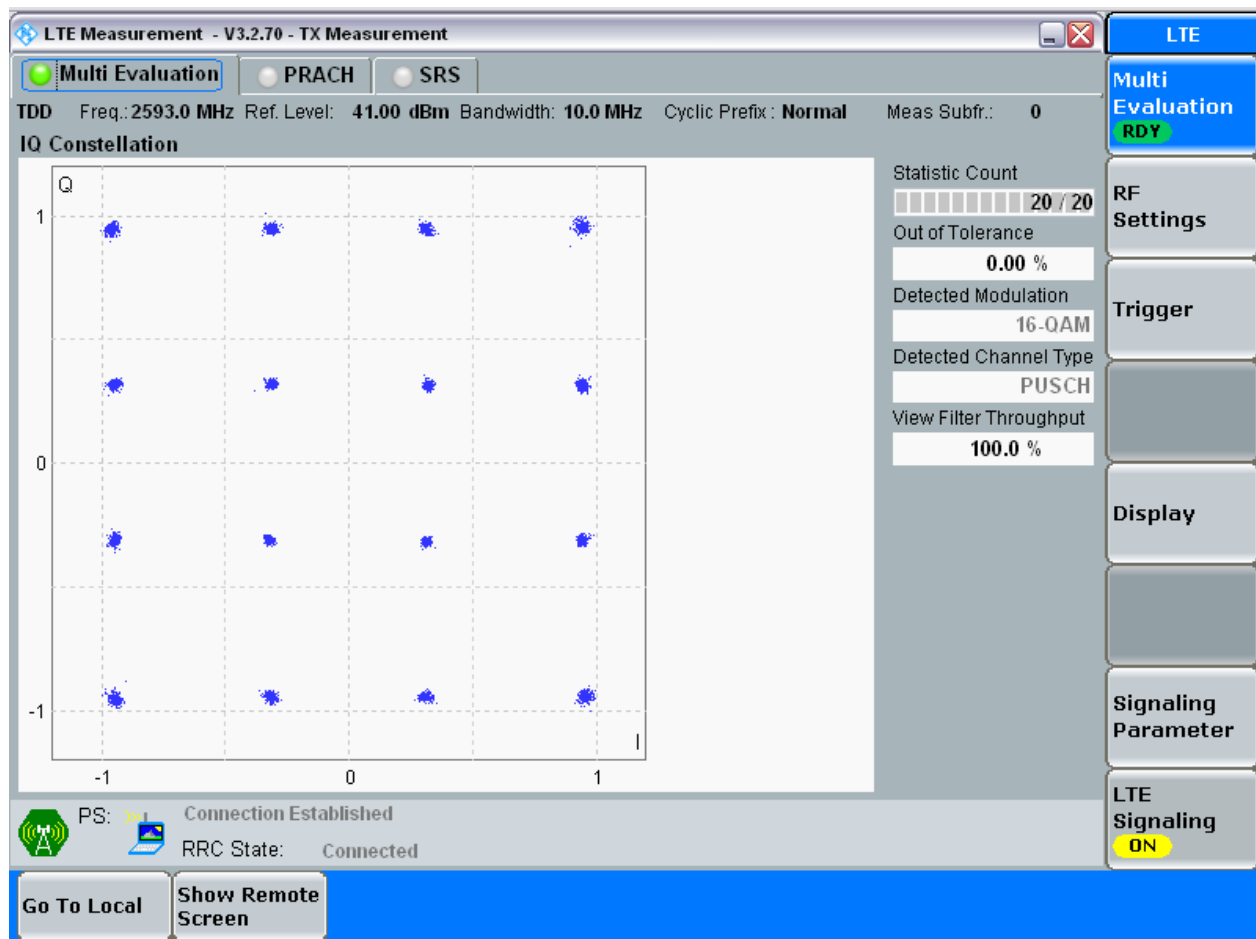
3.1.3.2.1.1.1 Test RB = RB25#0



3.1.3.2.2 Test Bandwidth = 10

3.1.3.2.2.1 Test Channel = MCH

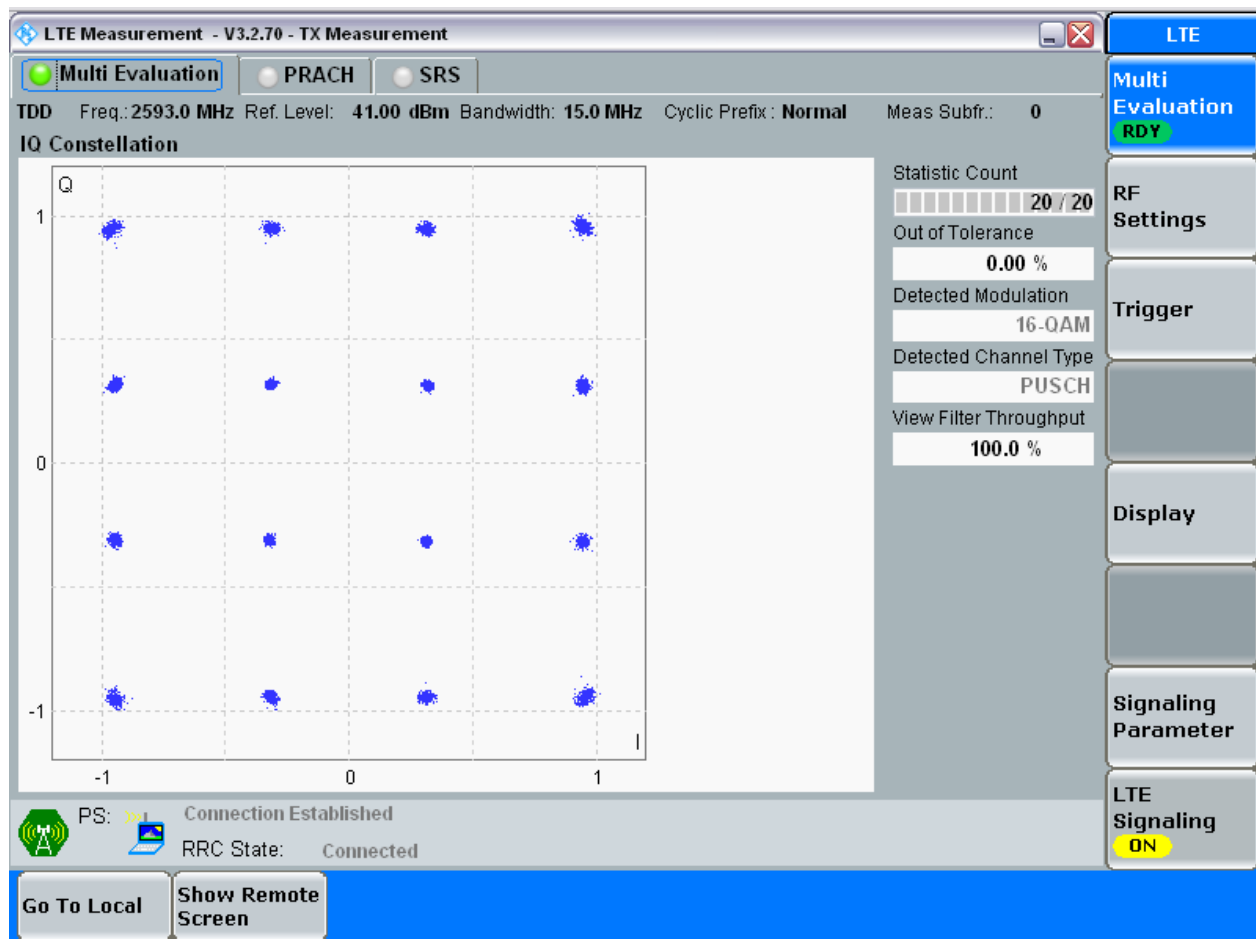
3.1.3.2.2.1.1 Test RB = RB50#0



3.1.3.2.3 Test Bandwidth = 15

3.1.3.2.3.1 Test Channel = MCH

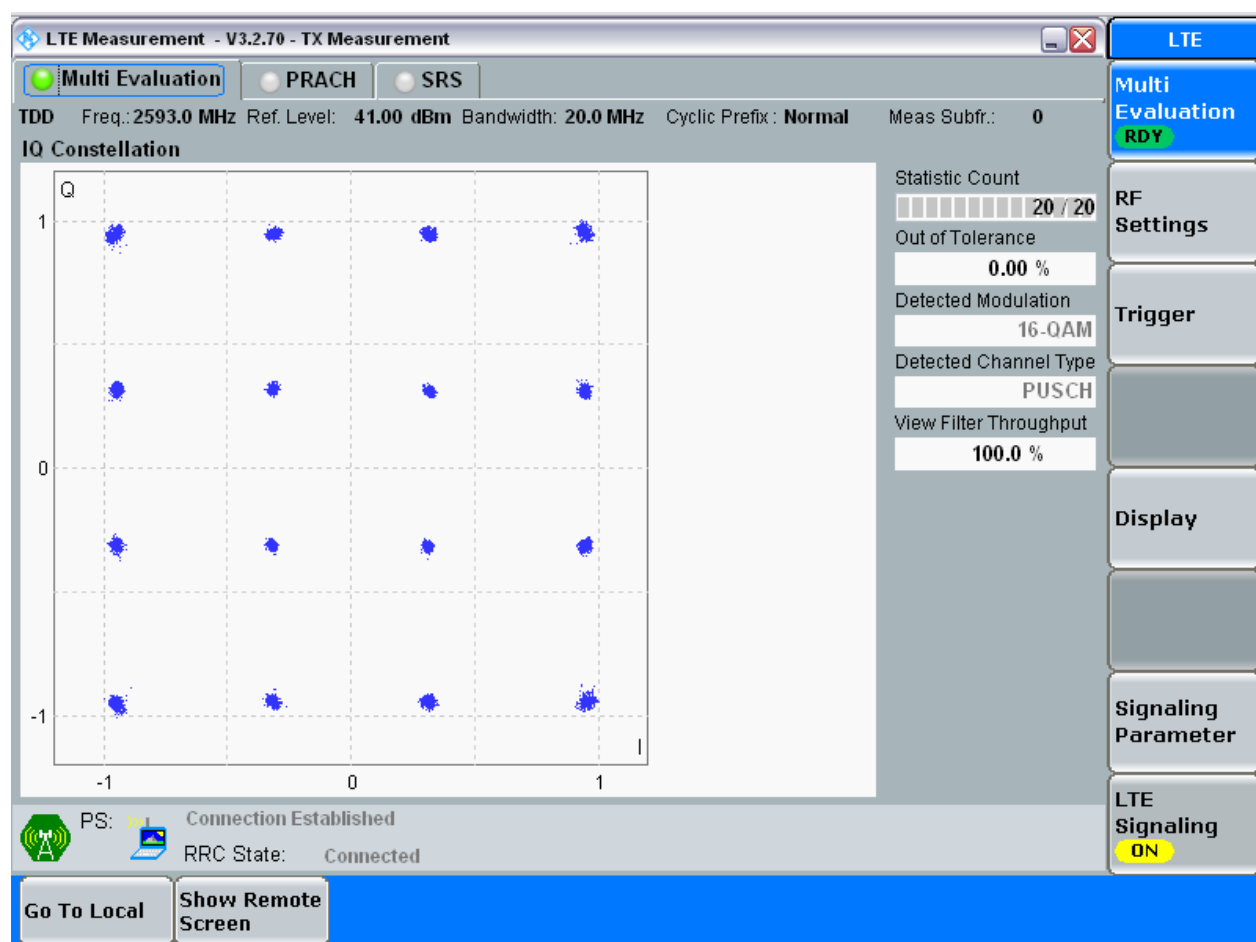
3.1.3.2.3.1.1 Test RB = RB75#0



3.1.3.2.4 Test Bandwidth = 20

3.1.3.2.4.1 Test Channel = MCH

3.1.3.2.4.1.1 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	4.46	4.91	Pass
			MCH	RB25#0	4.49	4.89	Pass
			HCH	RB25#0	4.50	4.90	Pass
		10	LCH	RB50#0	8.98	9.72	Pass
			MCH	RB50#0	9.01	9.71	Pass
			HCH	RB50#0	8.92	9.76	Pass
		15	LCH	RB75#0	13.40	14.83	Pass
			MCH	RB75#0	13.35	14.80	Pass
			HCH	RB75#0	13.43	14.68	Pass
		20	LCH	RB100#0	17.81	19.50	Pass
			MCH	RB100#0	17.89	19.51	Pass
			HCH	RB100#0	17.95	19.42	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.89	Pass
			MCH	RB25#0	4.49	4.92	Pass
			HCH	RB25#0	4.47	4.94	Pass
		10	LCH	RB50#0	8.94	9.84	Pass
			MCH	RB50#0	8.95	9.79	Pass
			HCH	RB50#0	8.98	9.82	Pass
		15	LCH	RB75#0	13.37	14.83	Pass
			MCH	RB75#0	13.49	14.62	Pass
			HCH	RB75#0	13.46	14.74	Pass
		20	LCH	RB100#0	17.79	19.46	Pass
			MCH	RB100#0	17.89	19.54	Pass
			HCH	RB100#0	17.94	19.43	Pass



Part II - Test Plots

4.1 For LTE

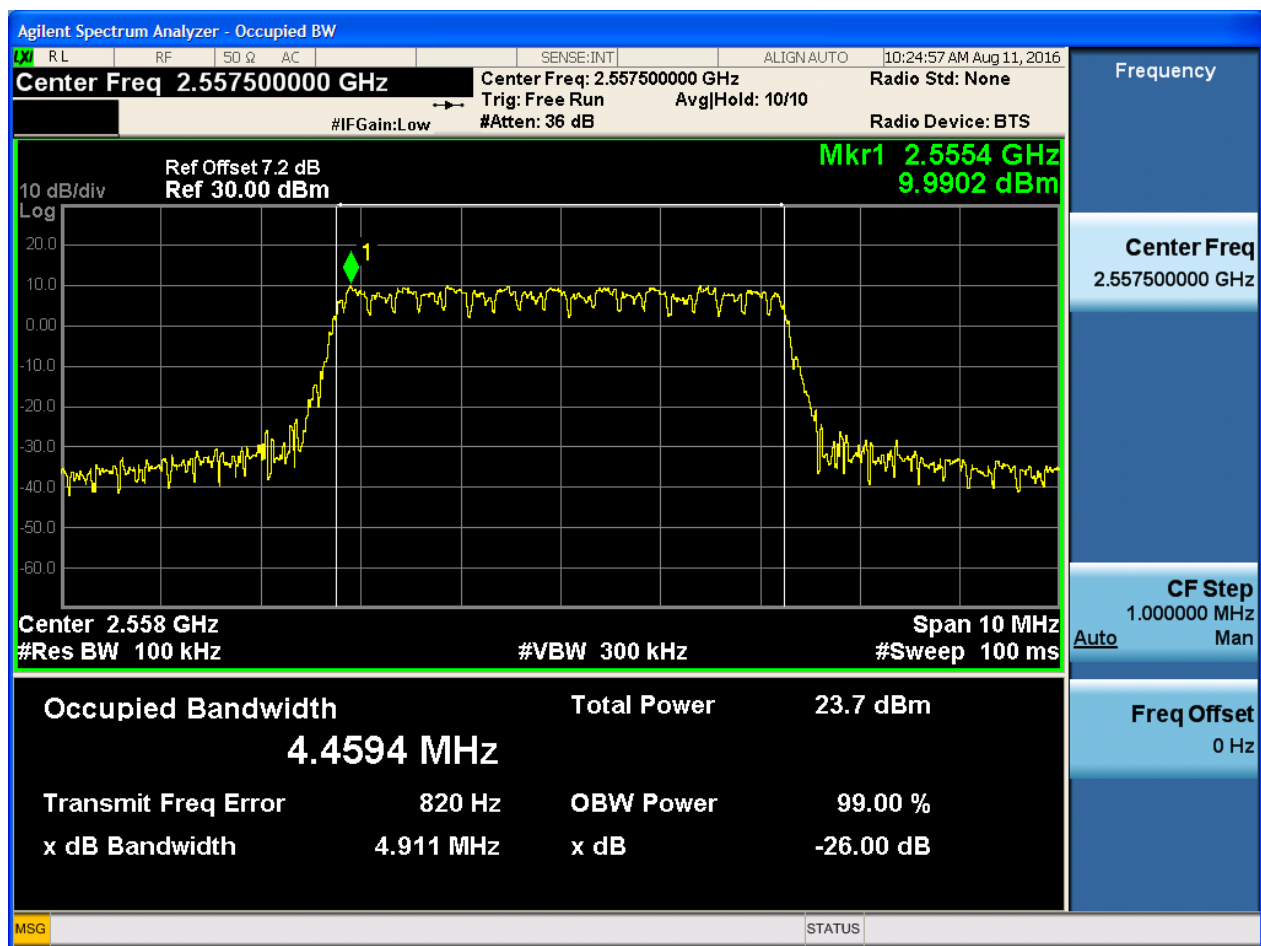
4.1.1 Test Band = BAND41

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

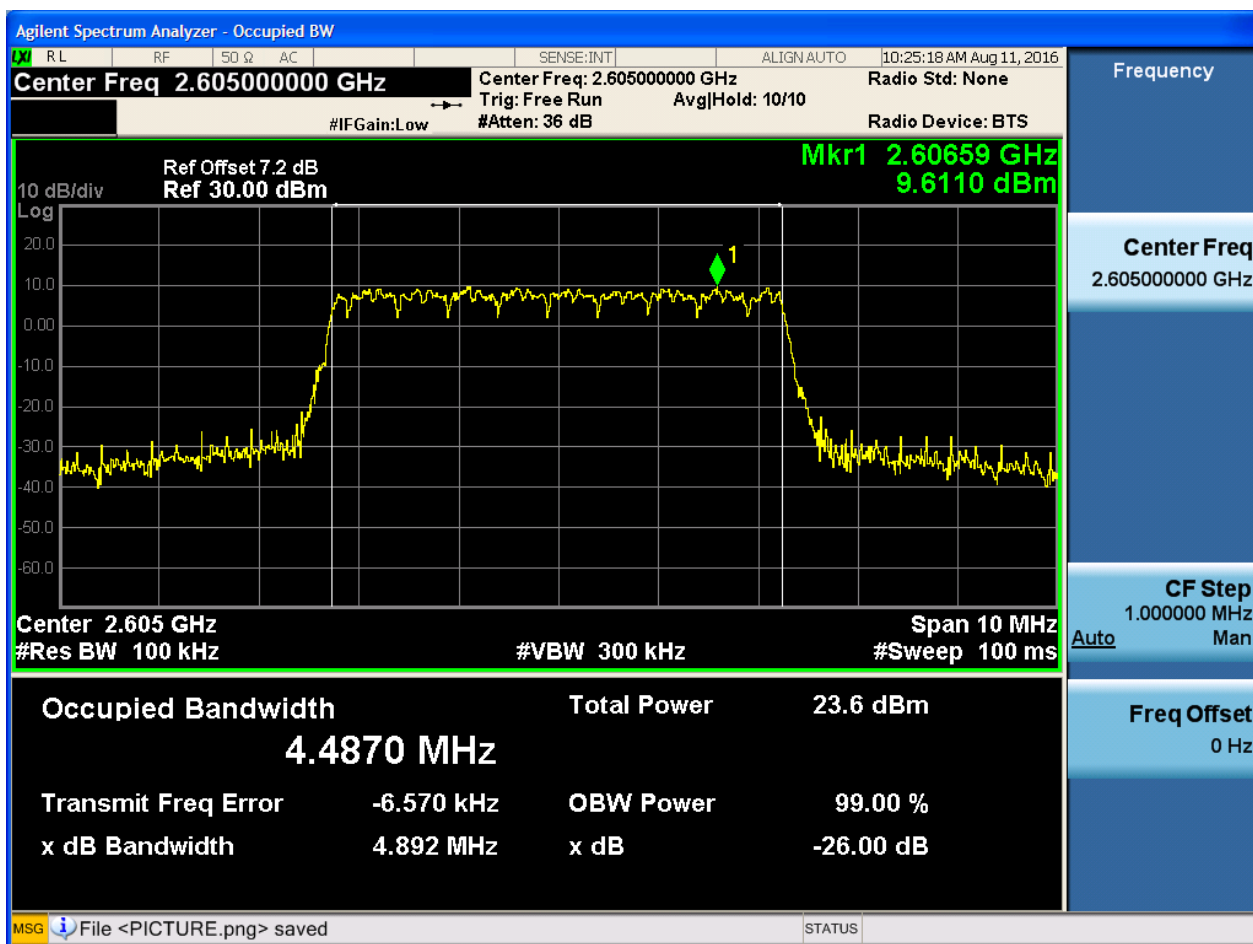
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

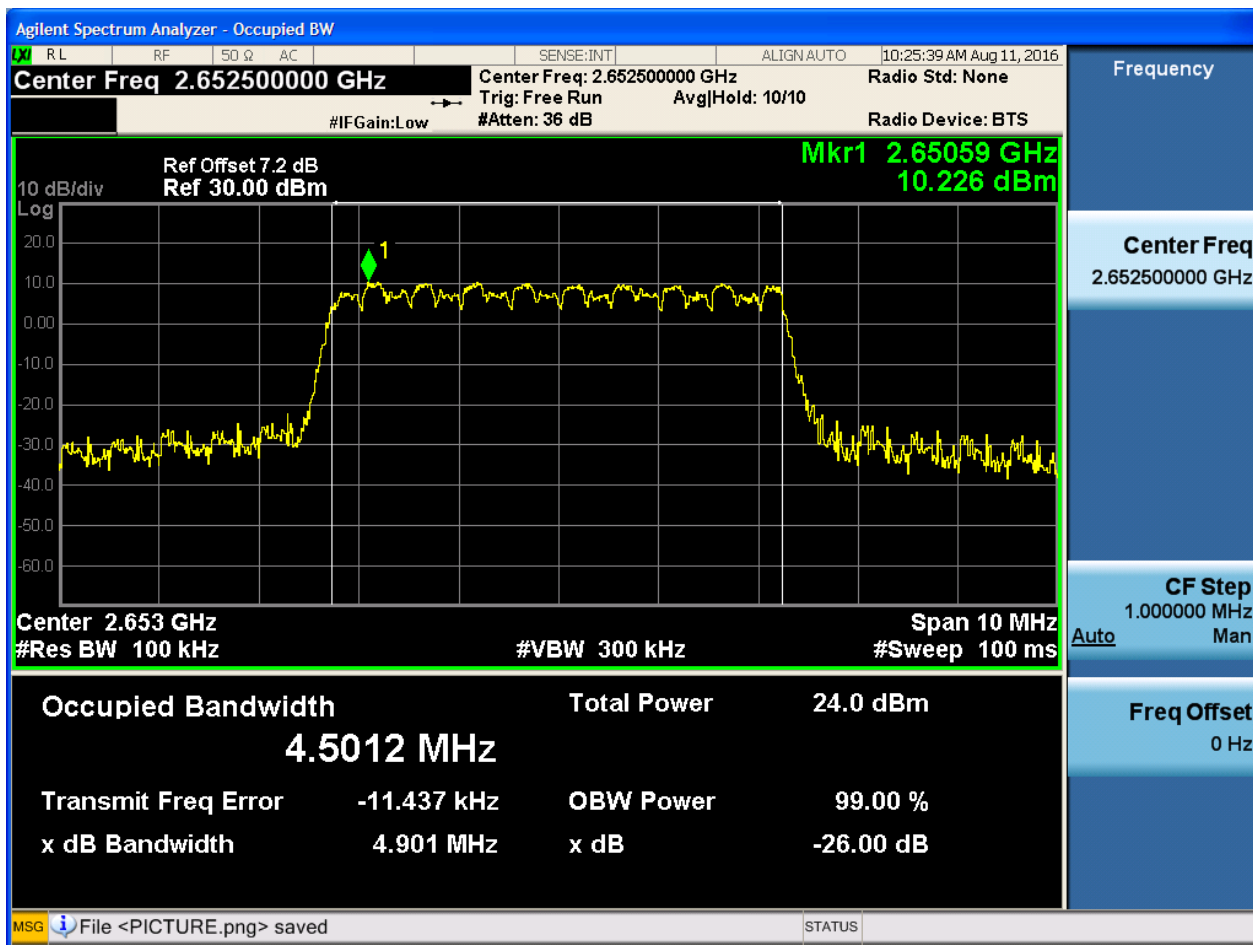
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

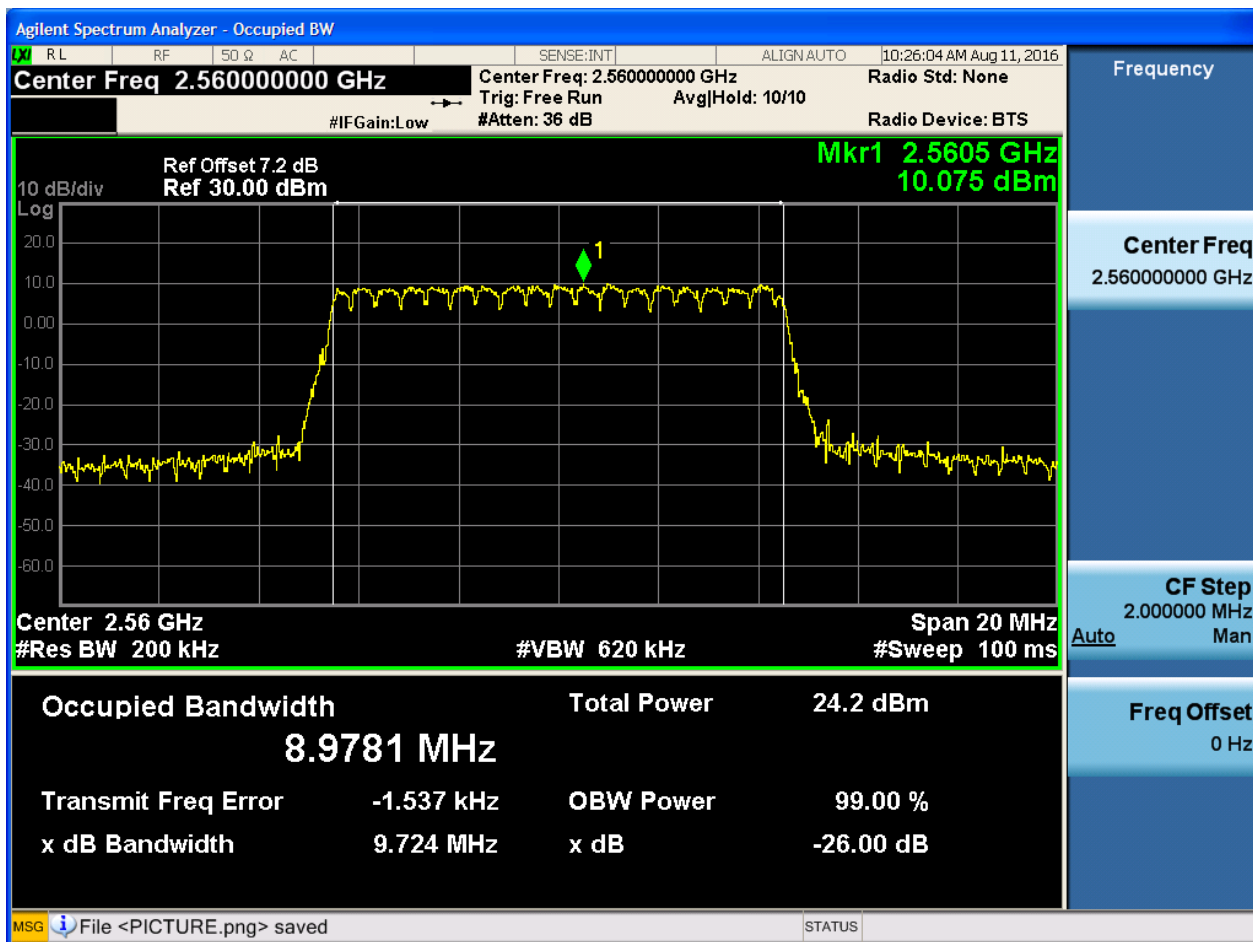




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

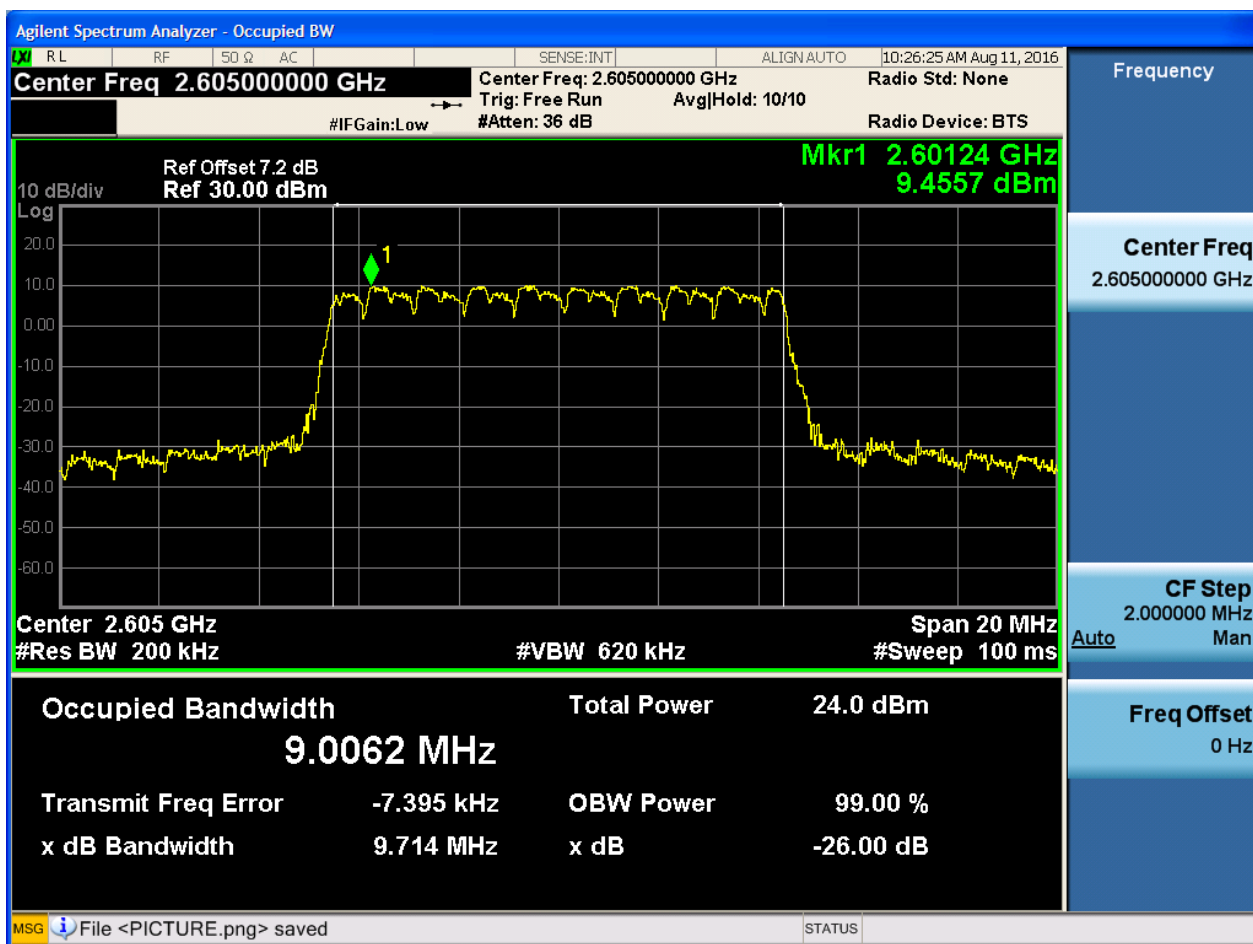
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

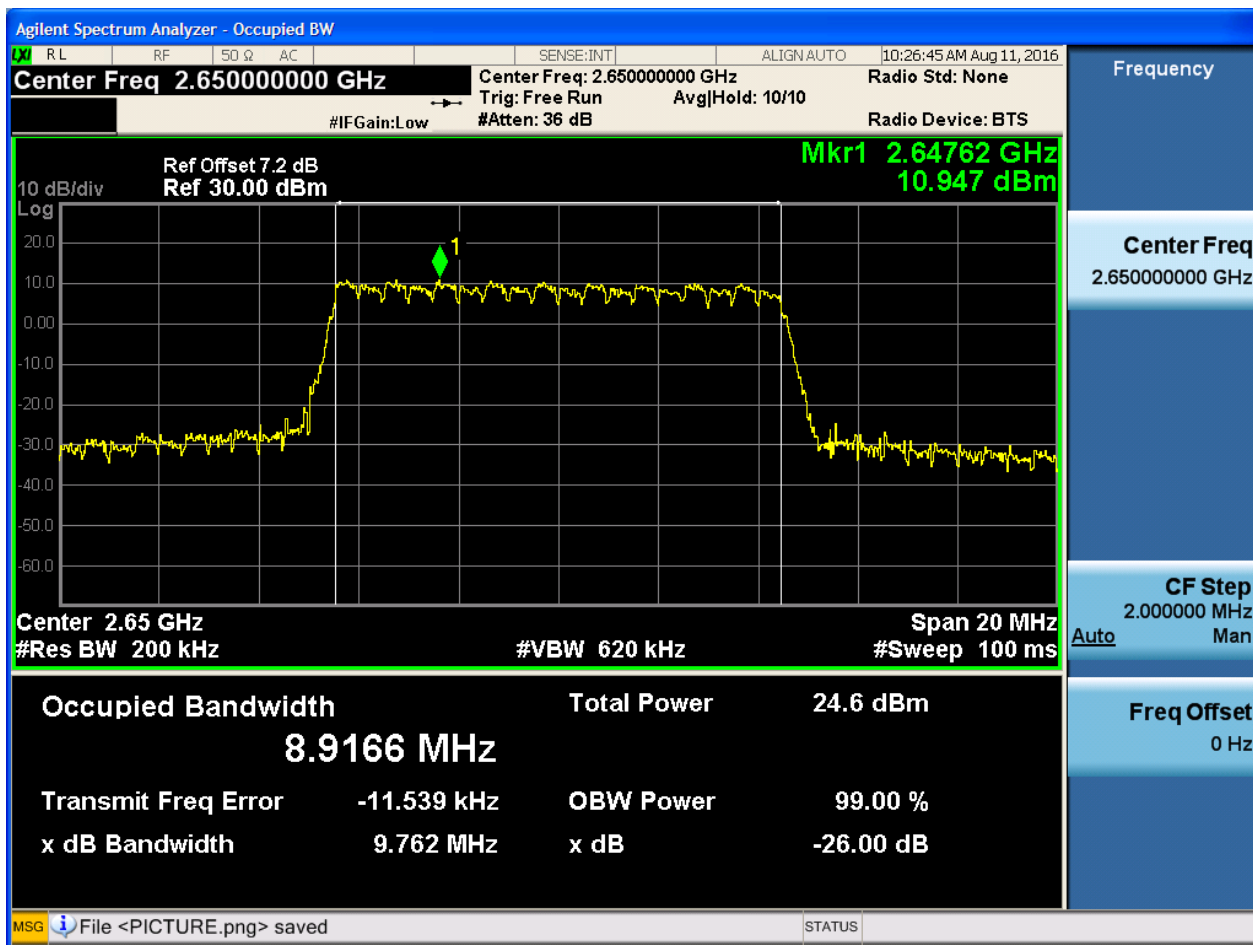
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

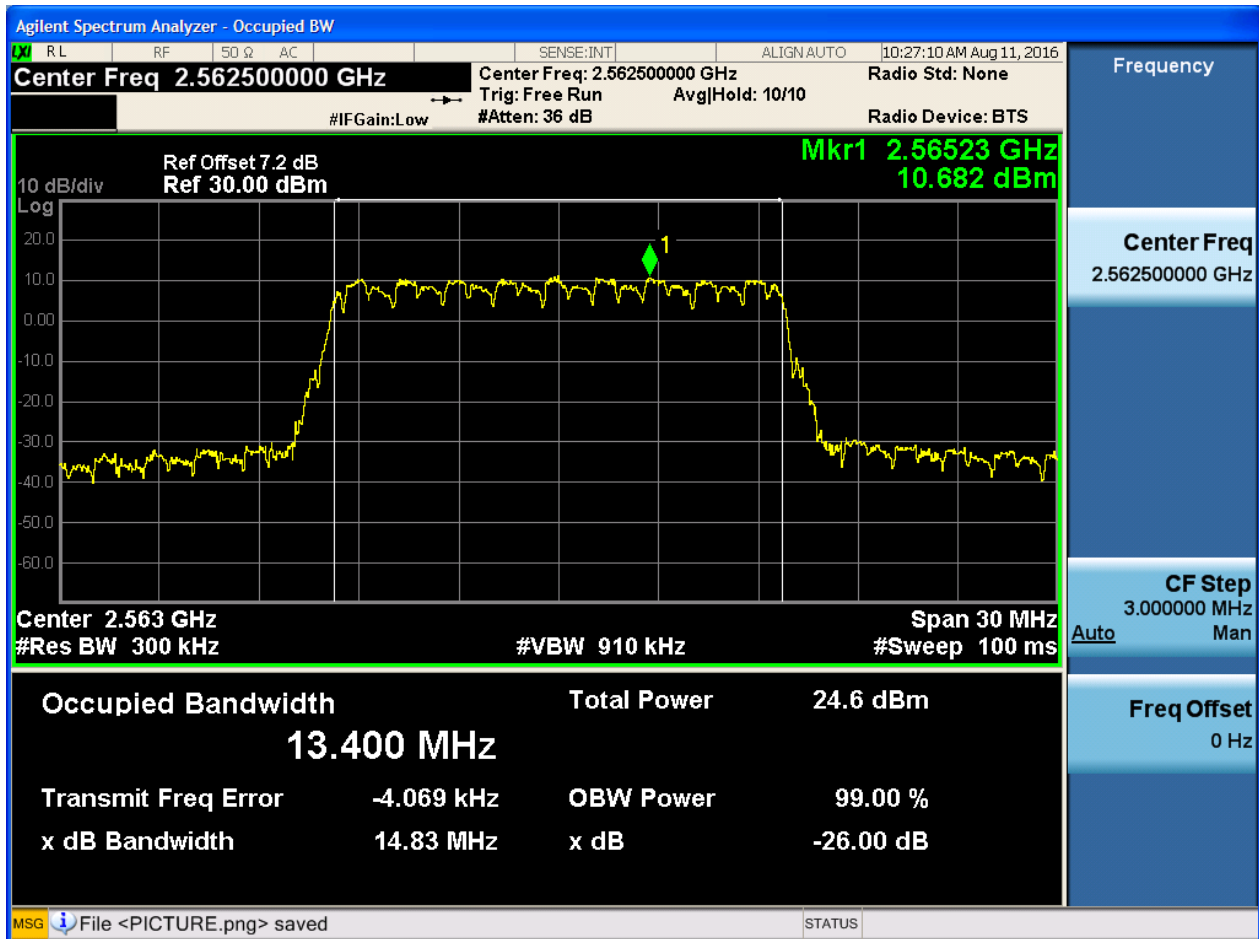




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

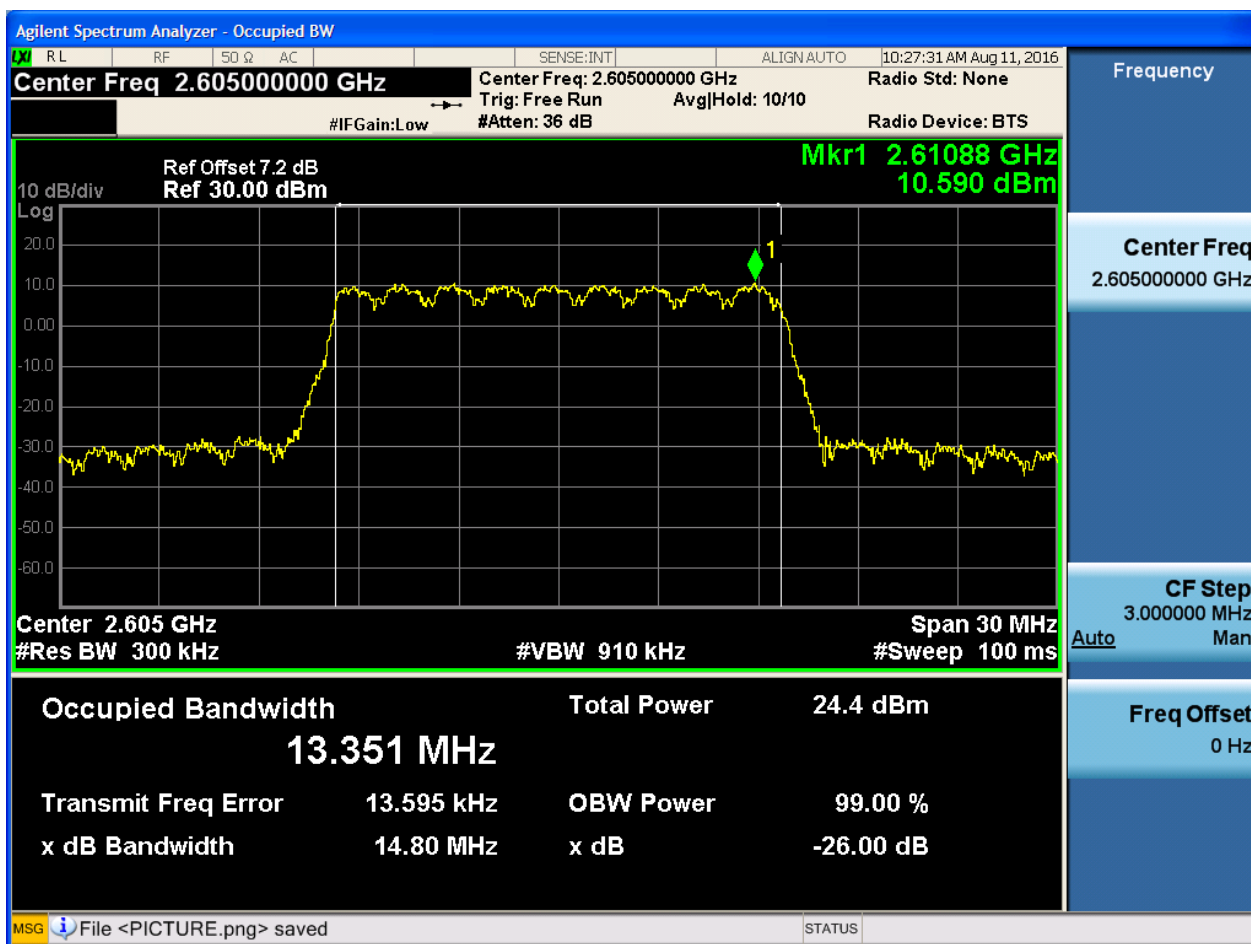
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

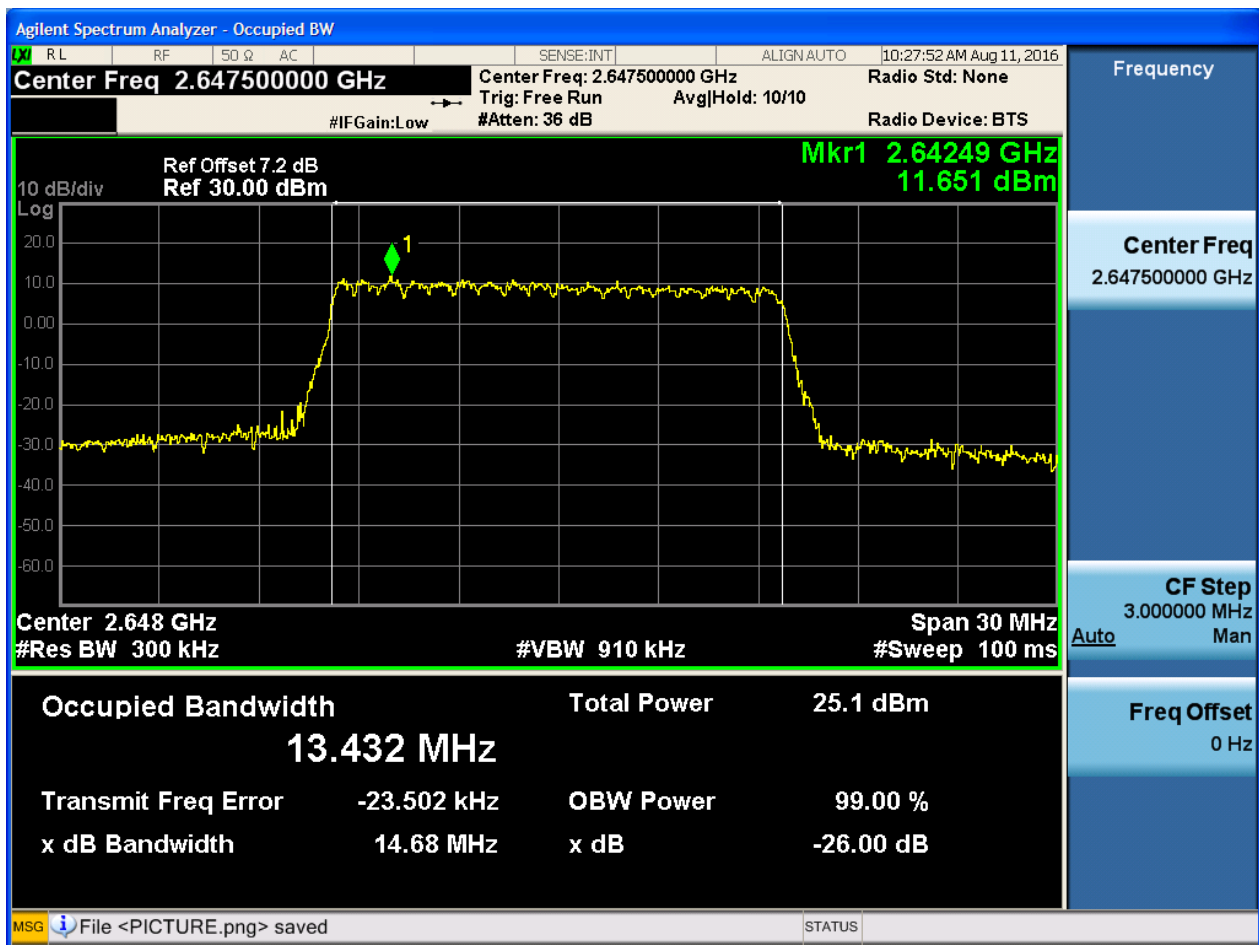
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

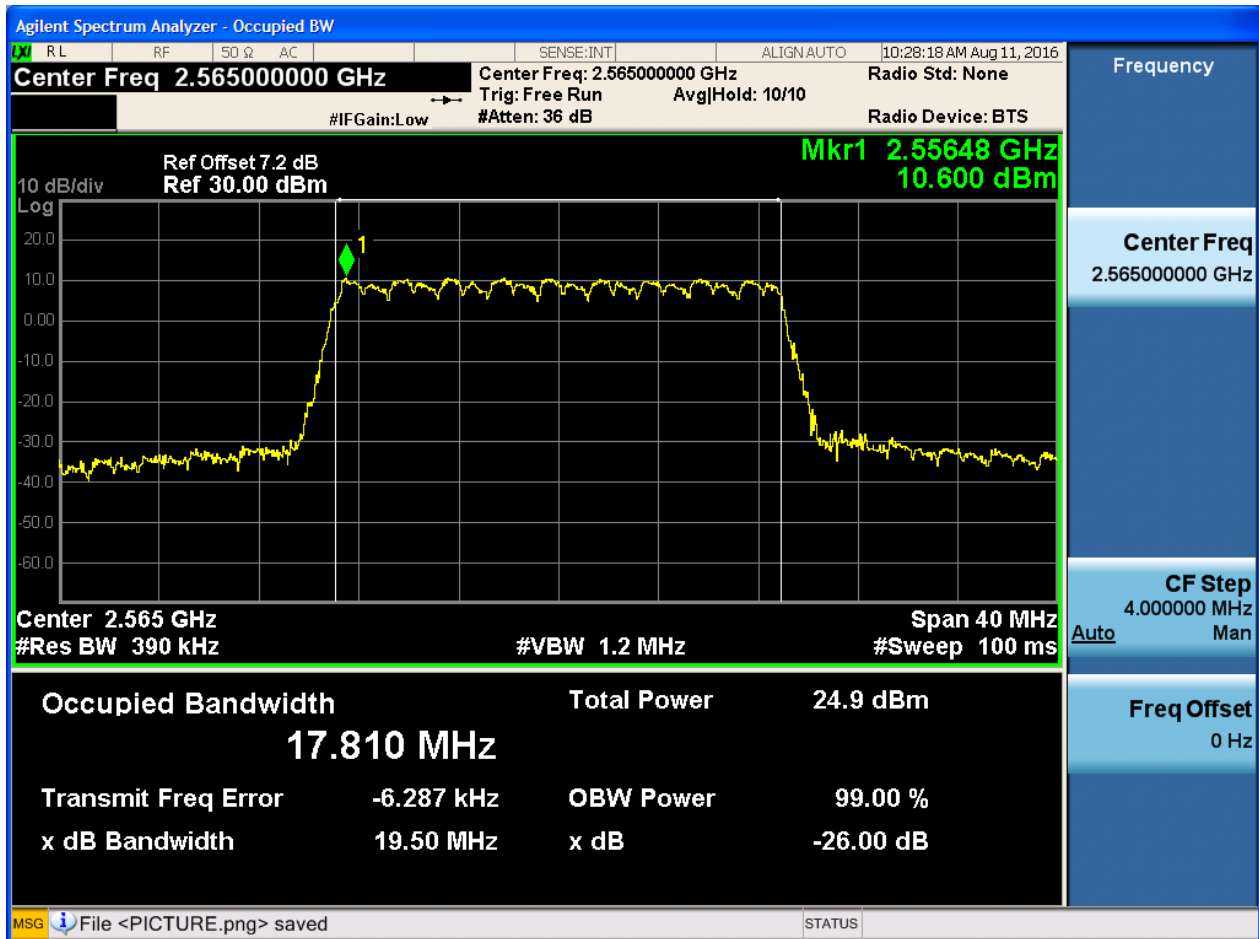




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

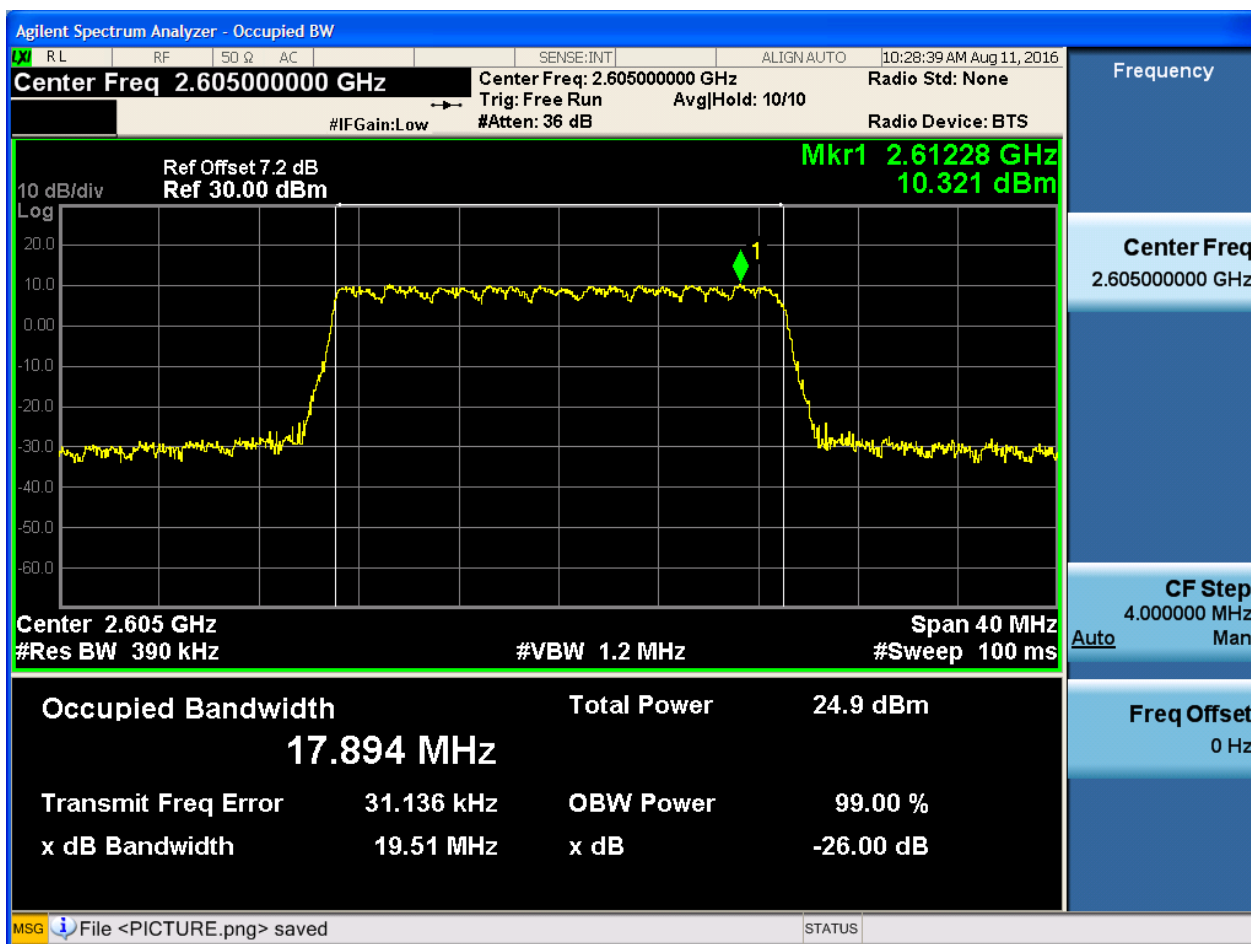
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

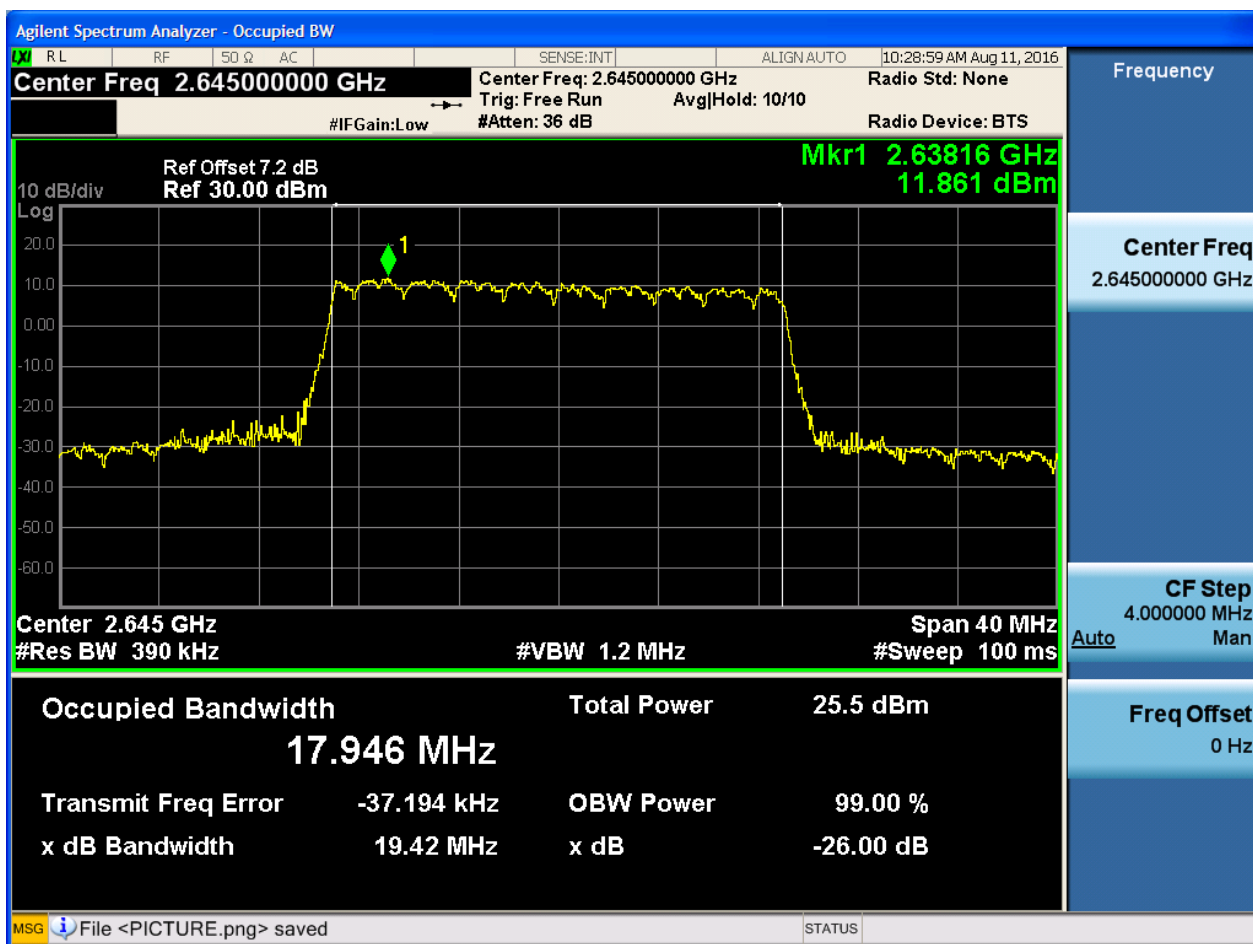
4.1.1.1.4.2.1 Test RB = RB100#0





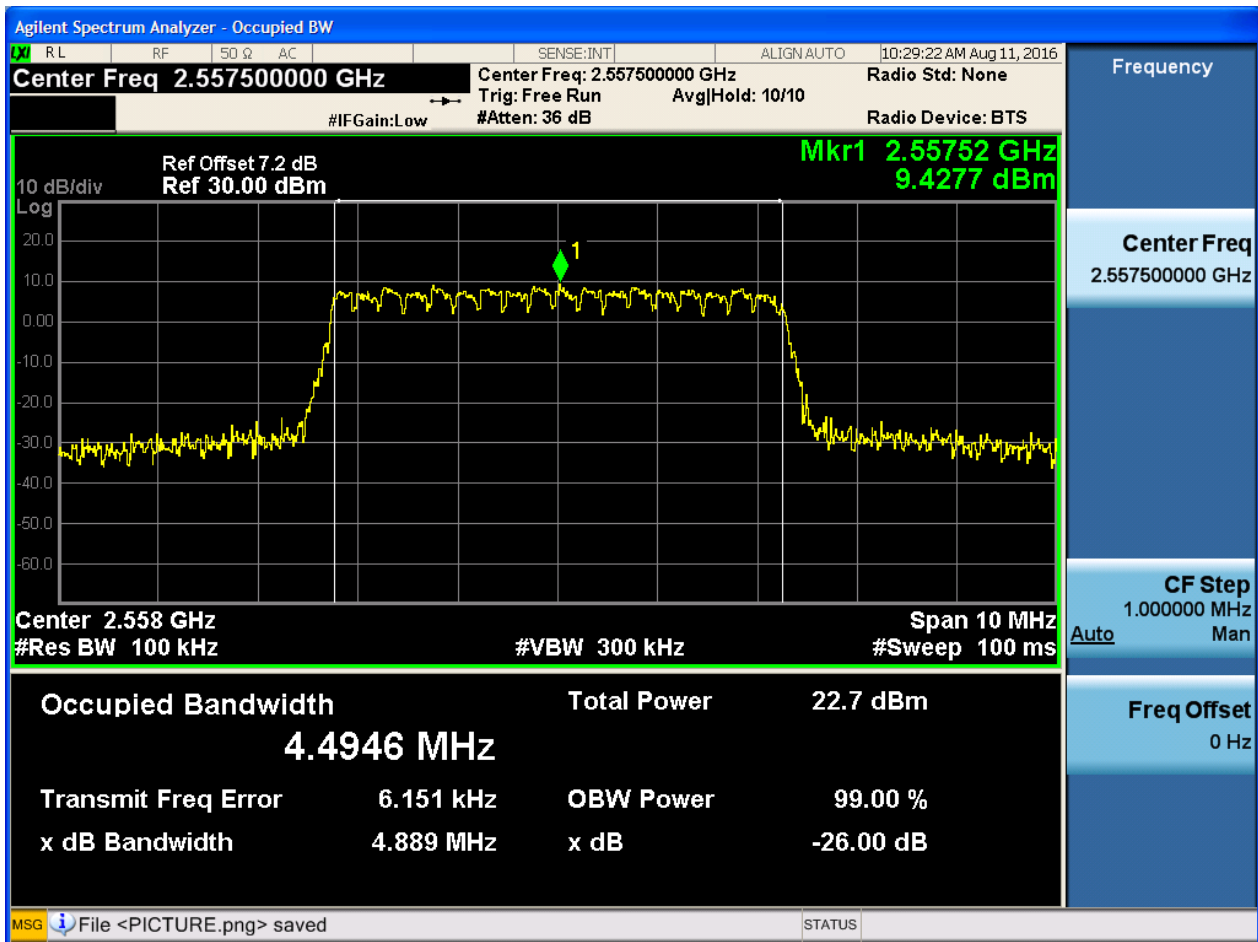
4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0





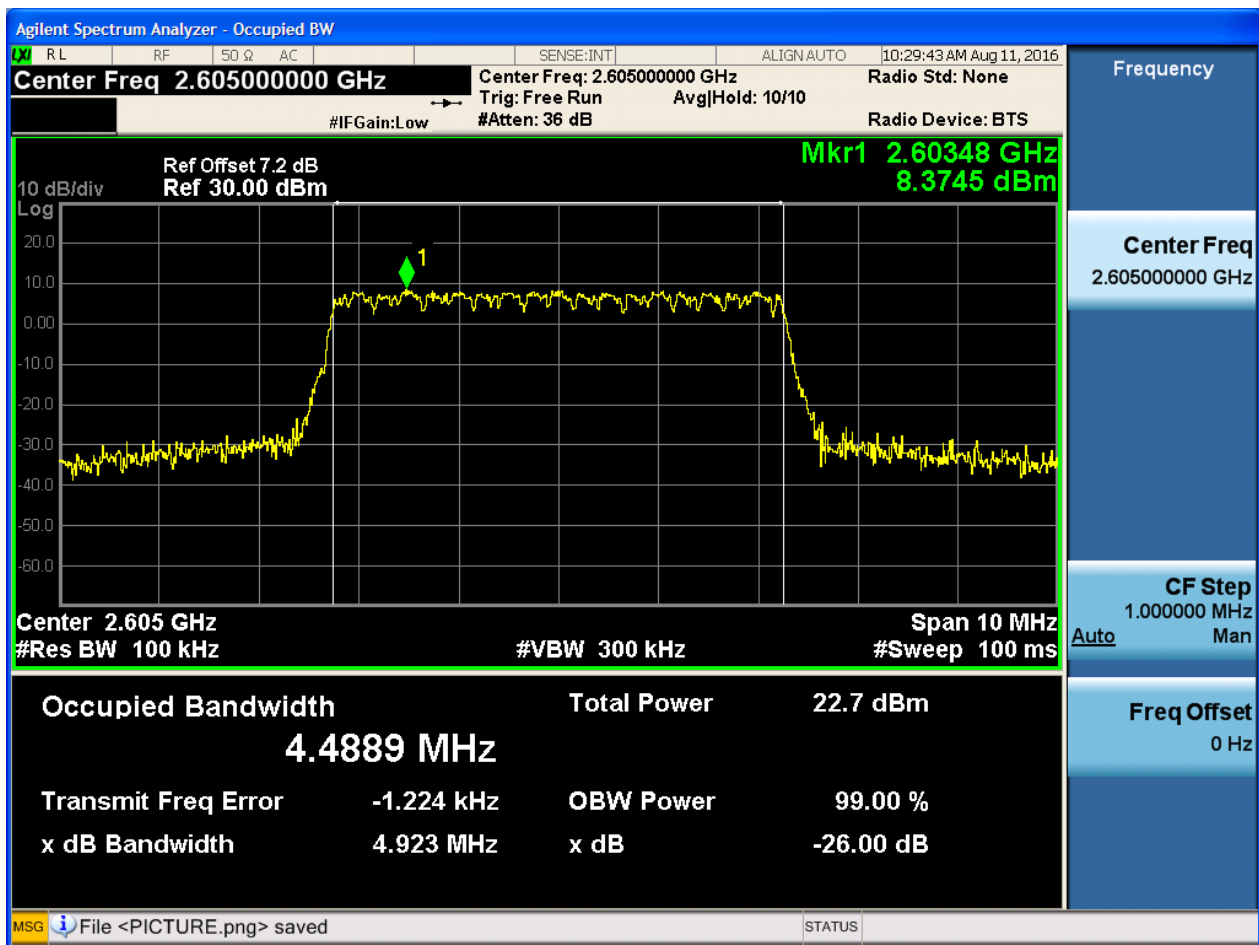
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

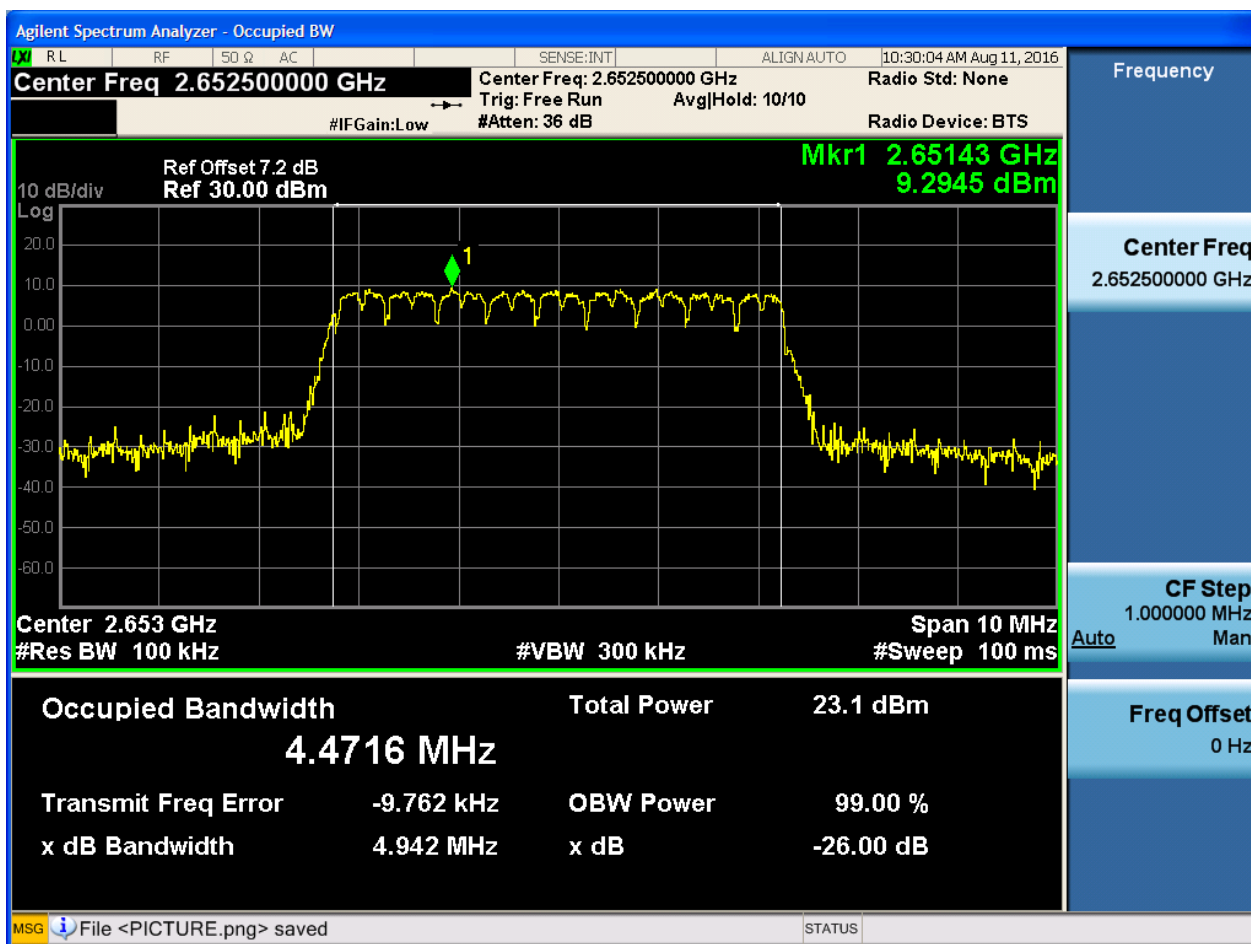
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

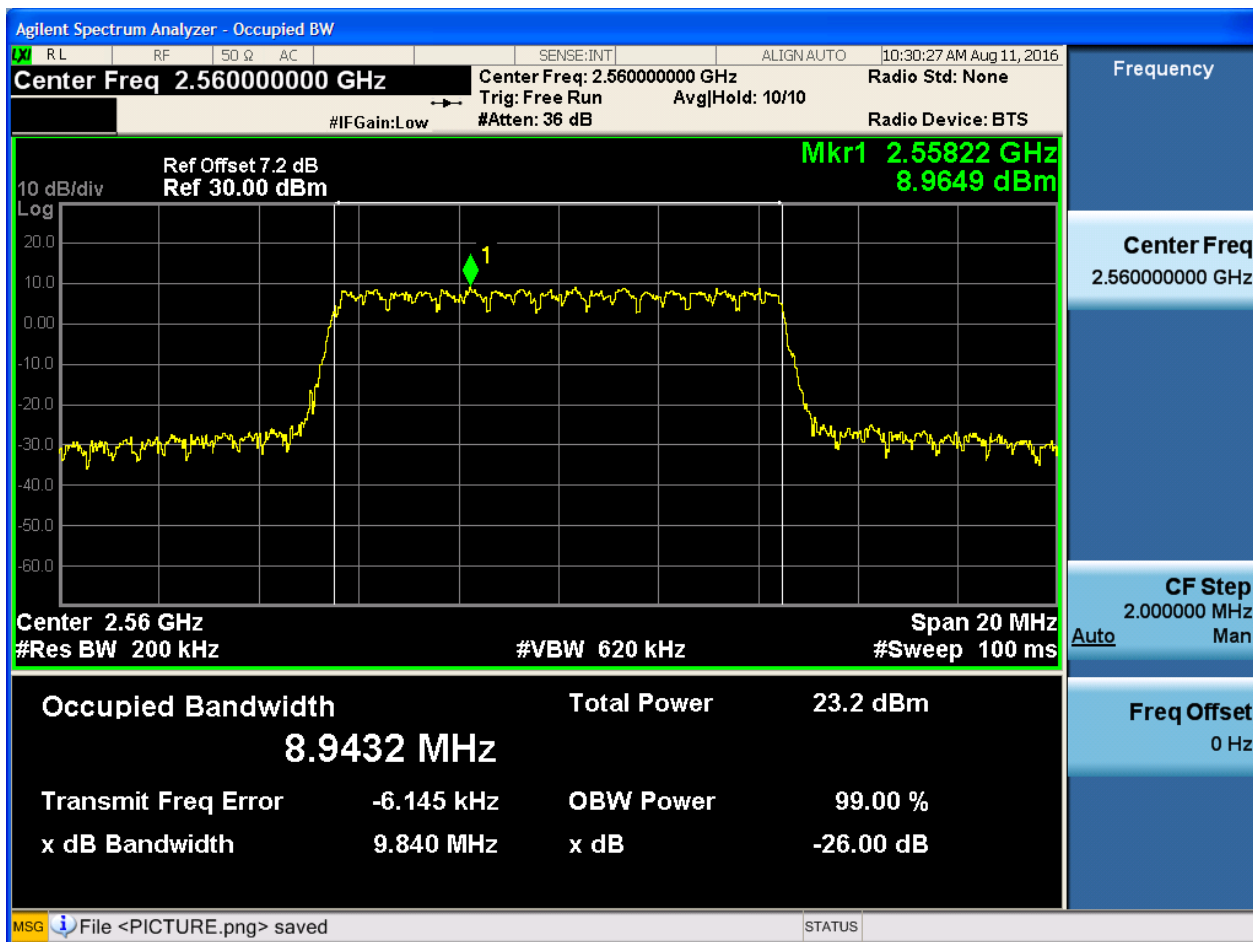




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

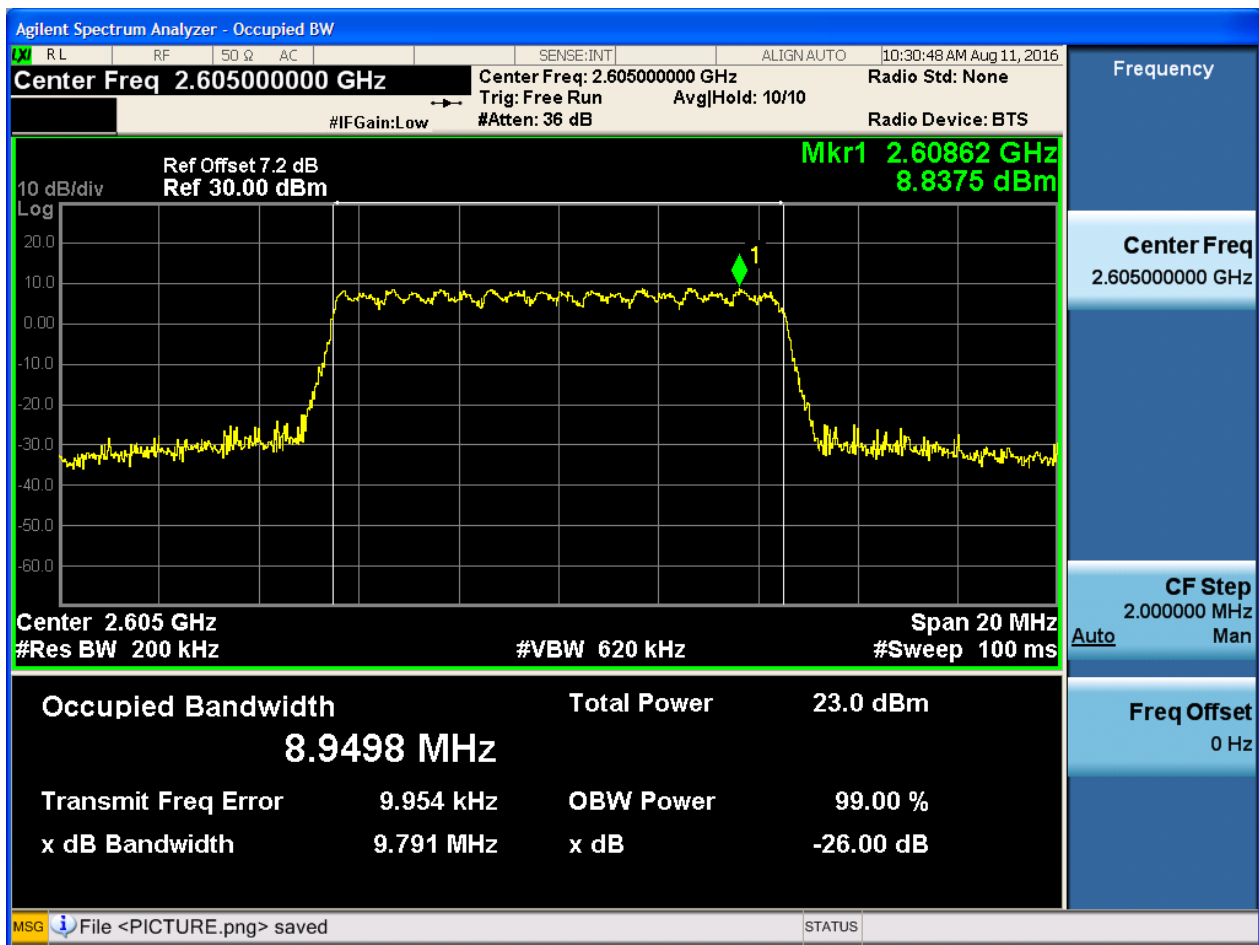
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

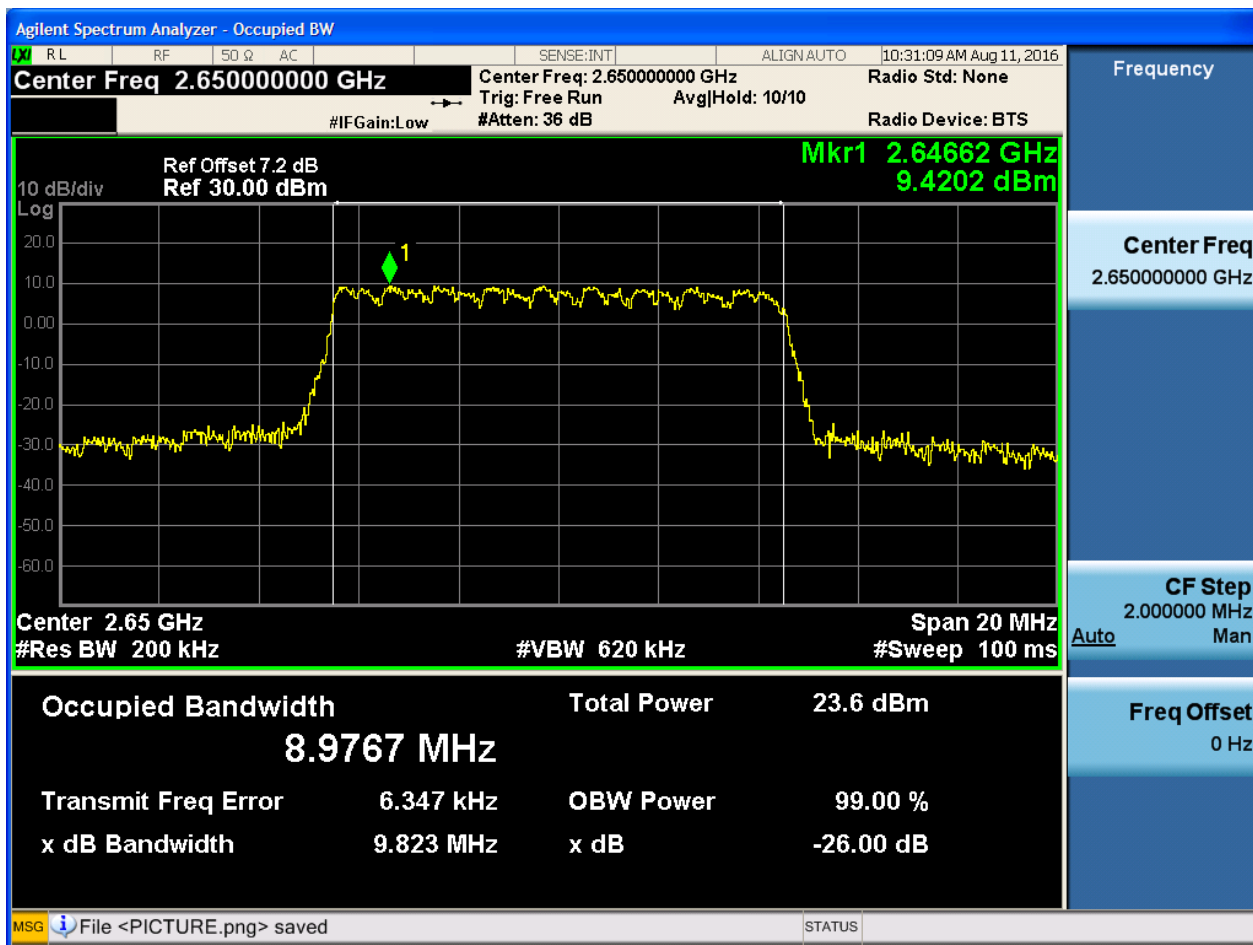
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

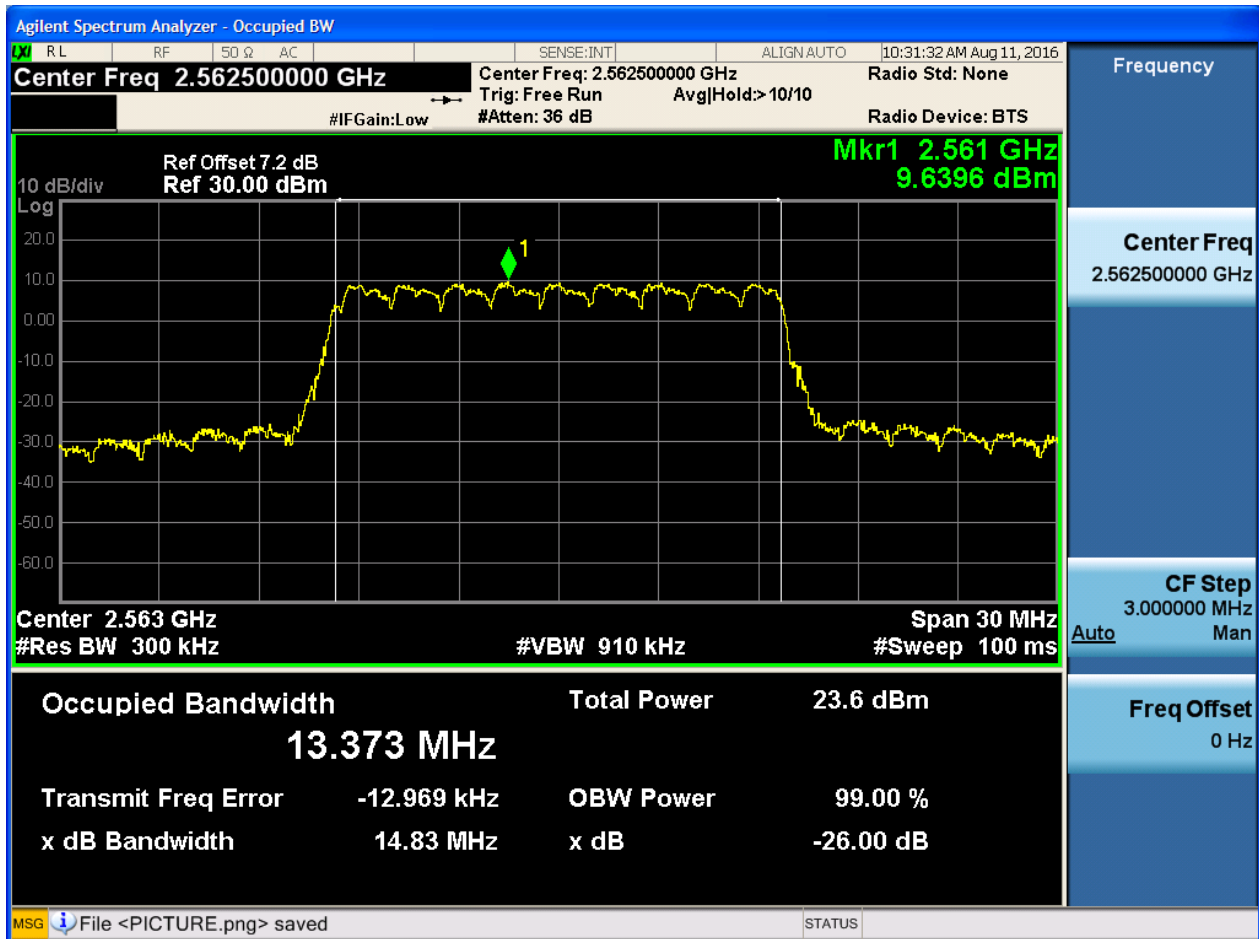




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

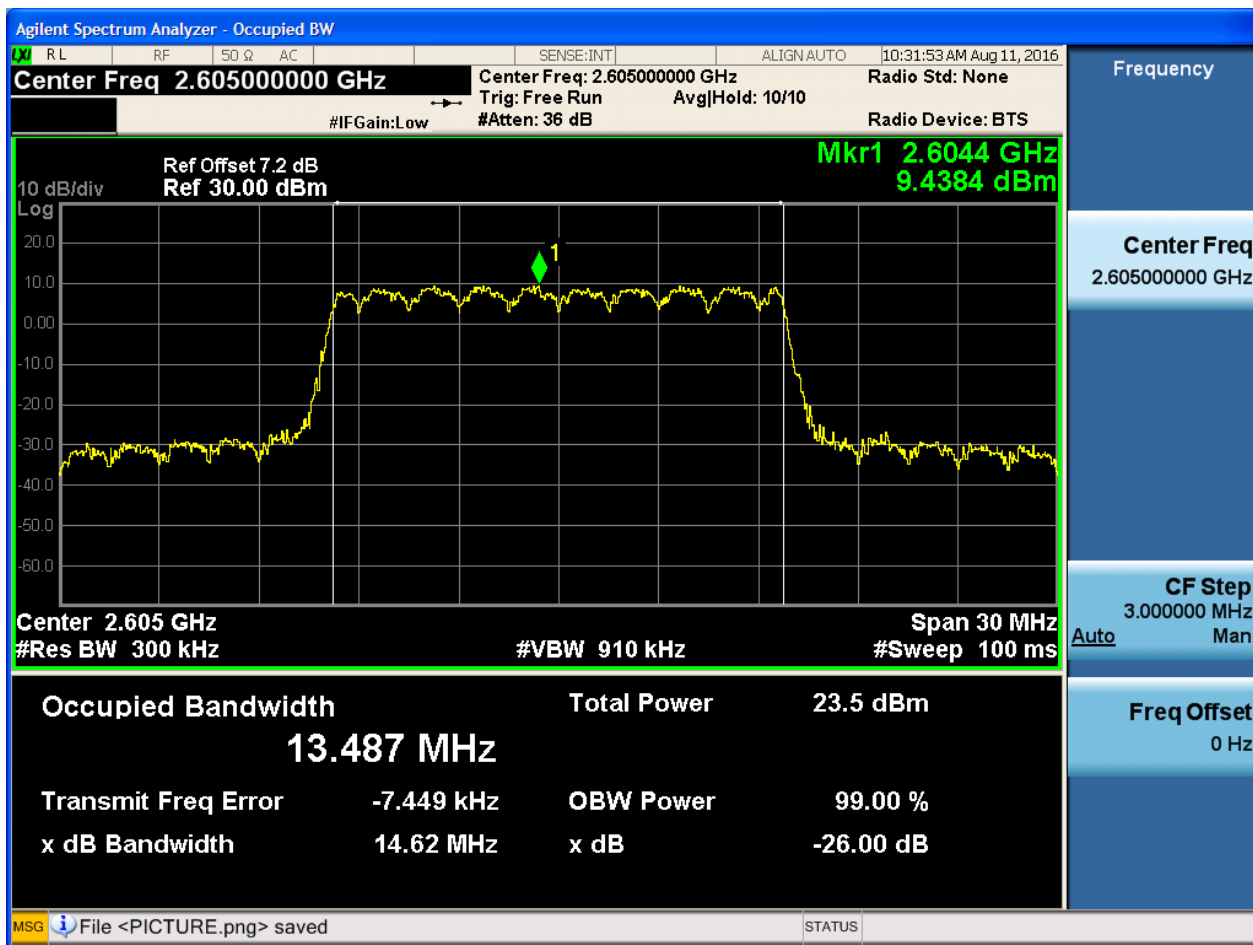
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

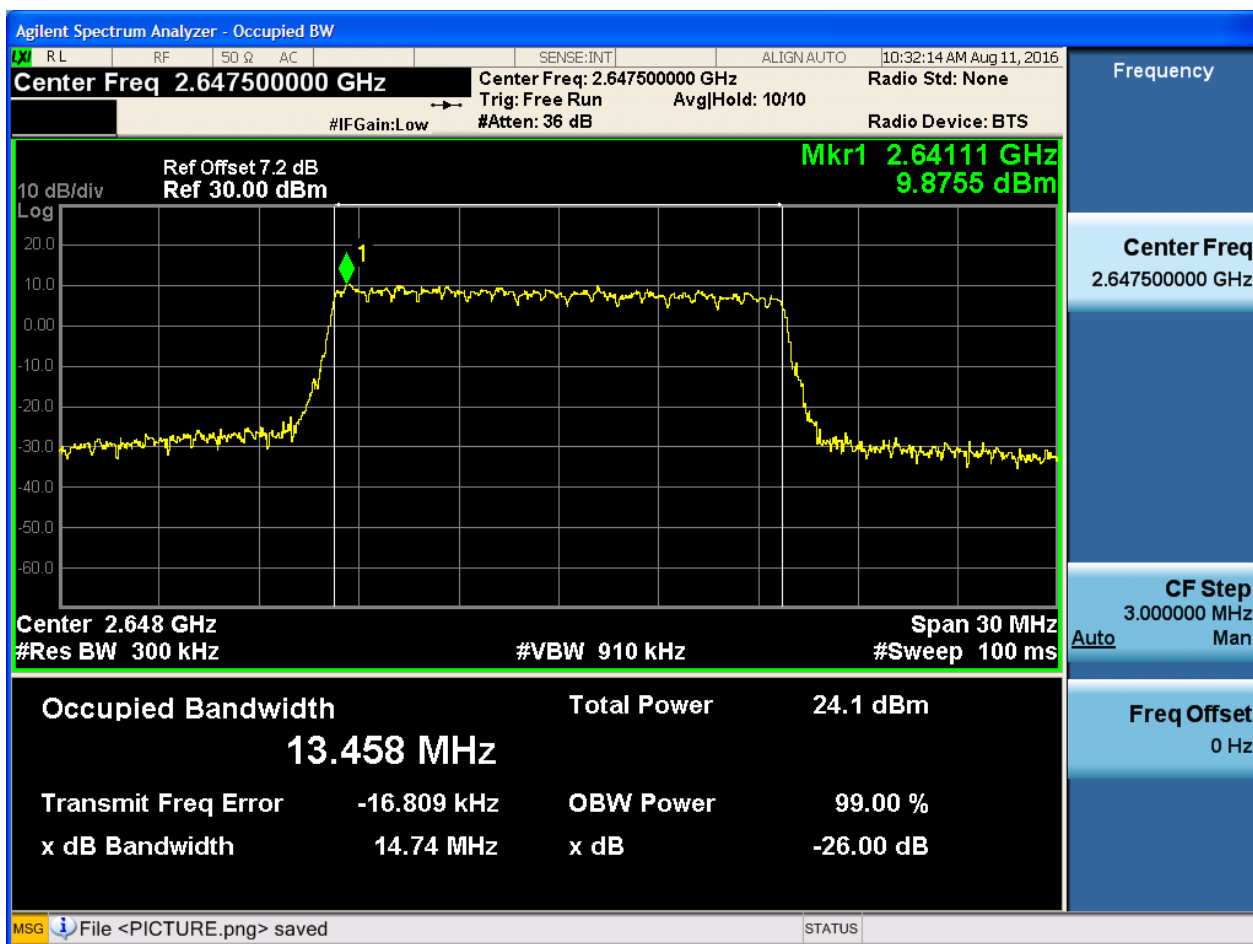
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

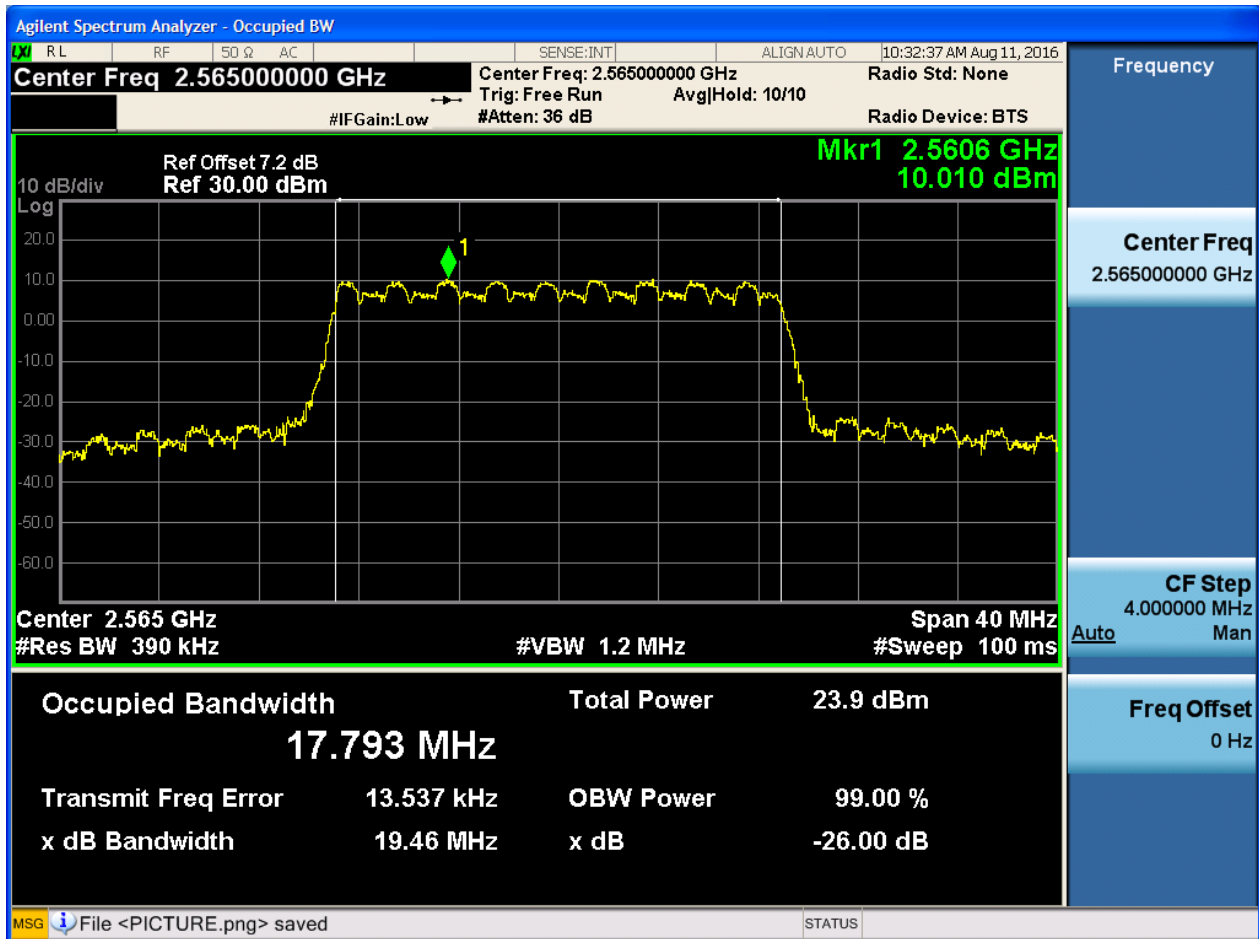




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

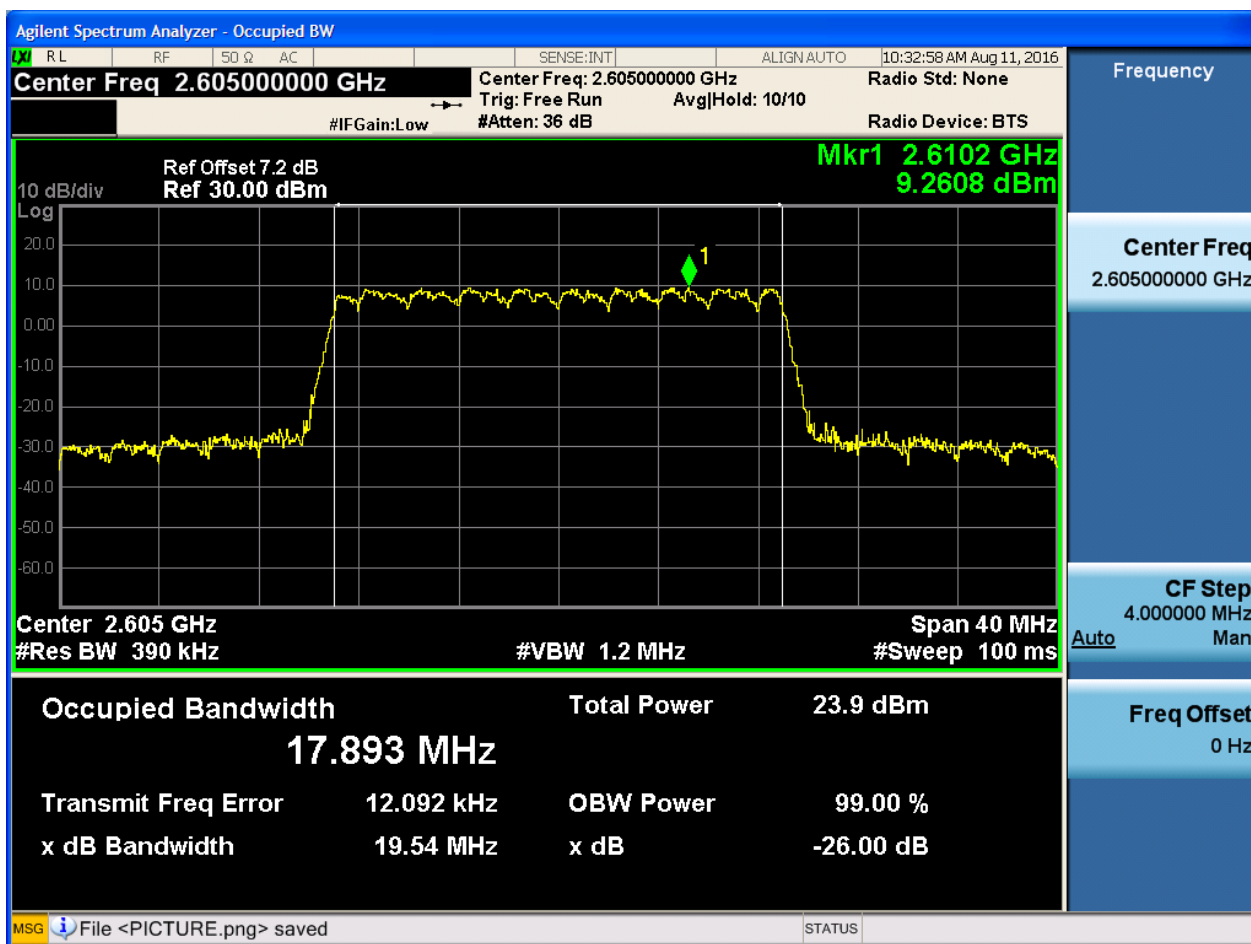
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

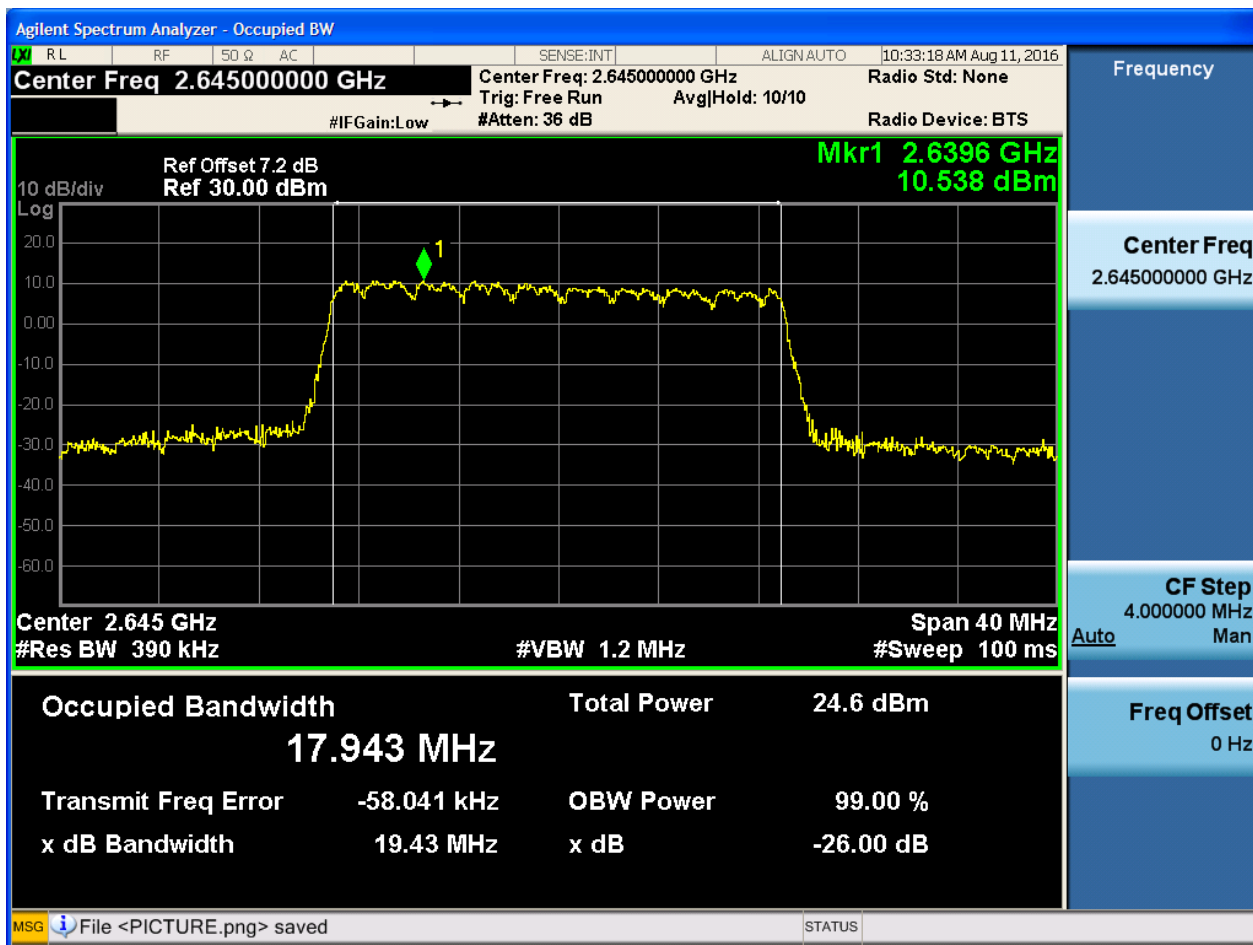
4.1.1.2.4.2.1 Test RB = RB100#0





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

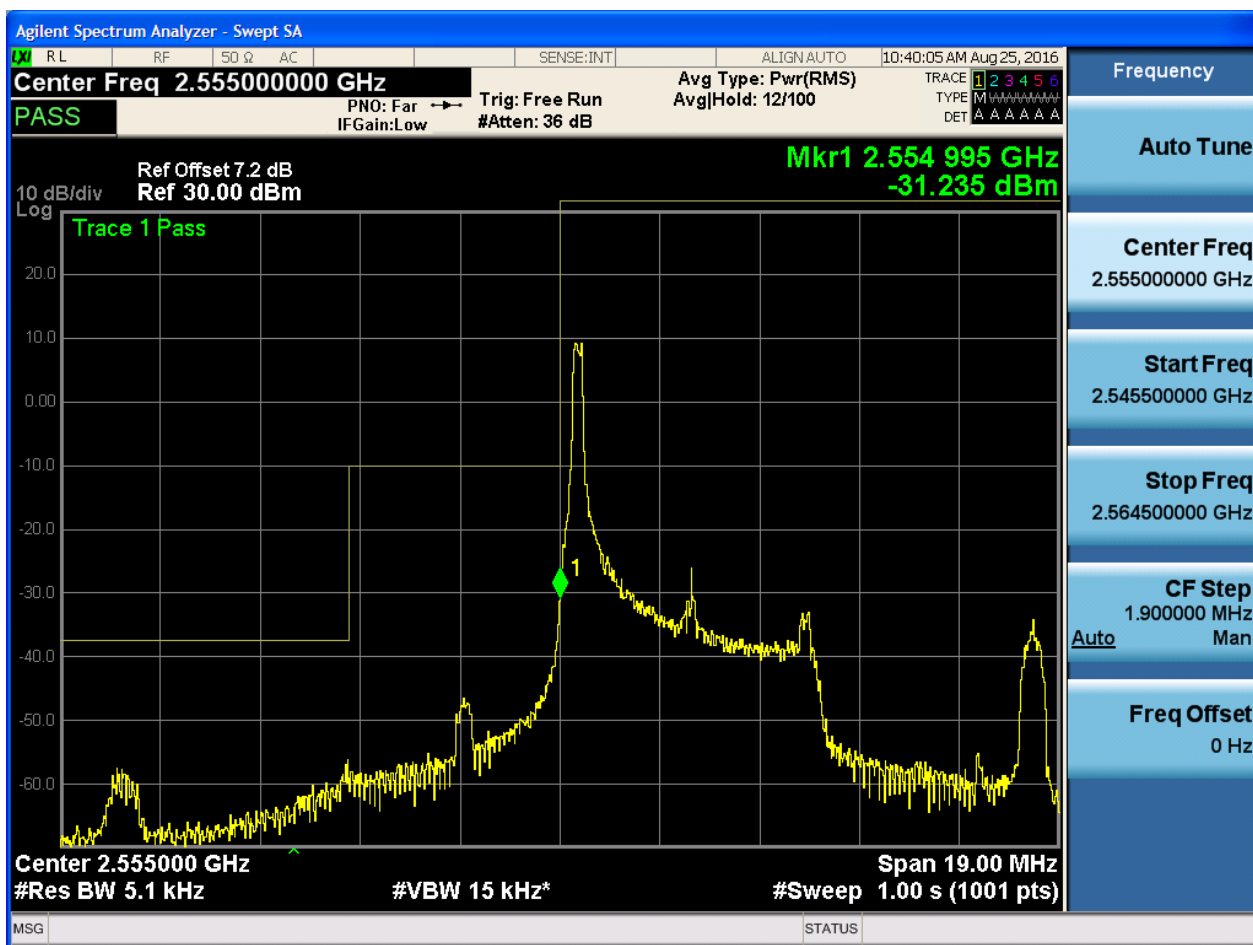
5.1.1 Test Band = BAND41

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

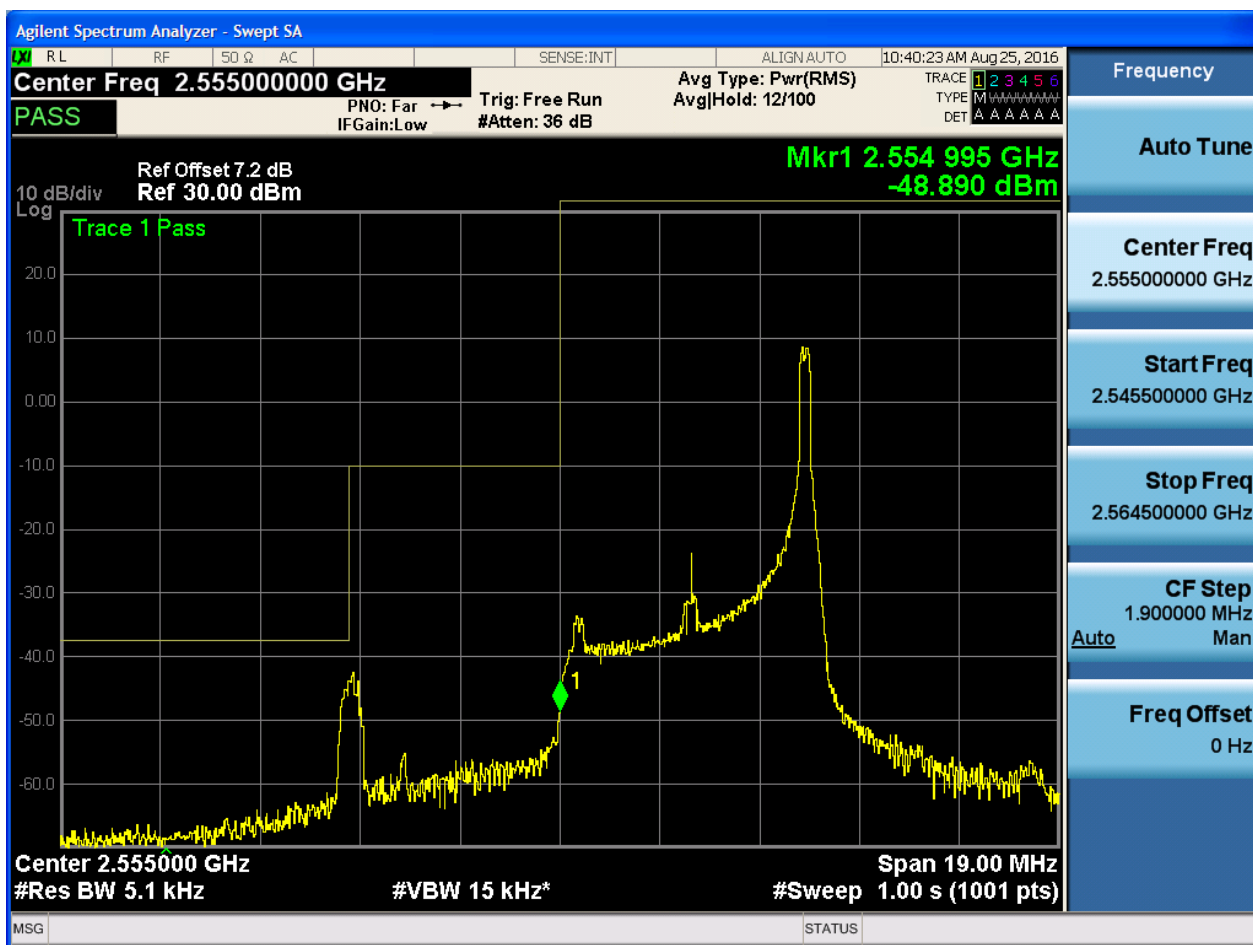
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#24



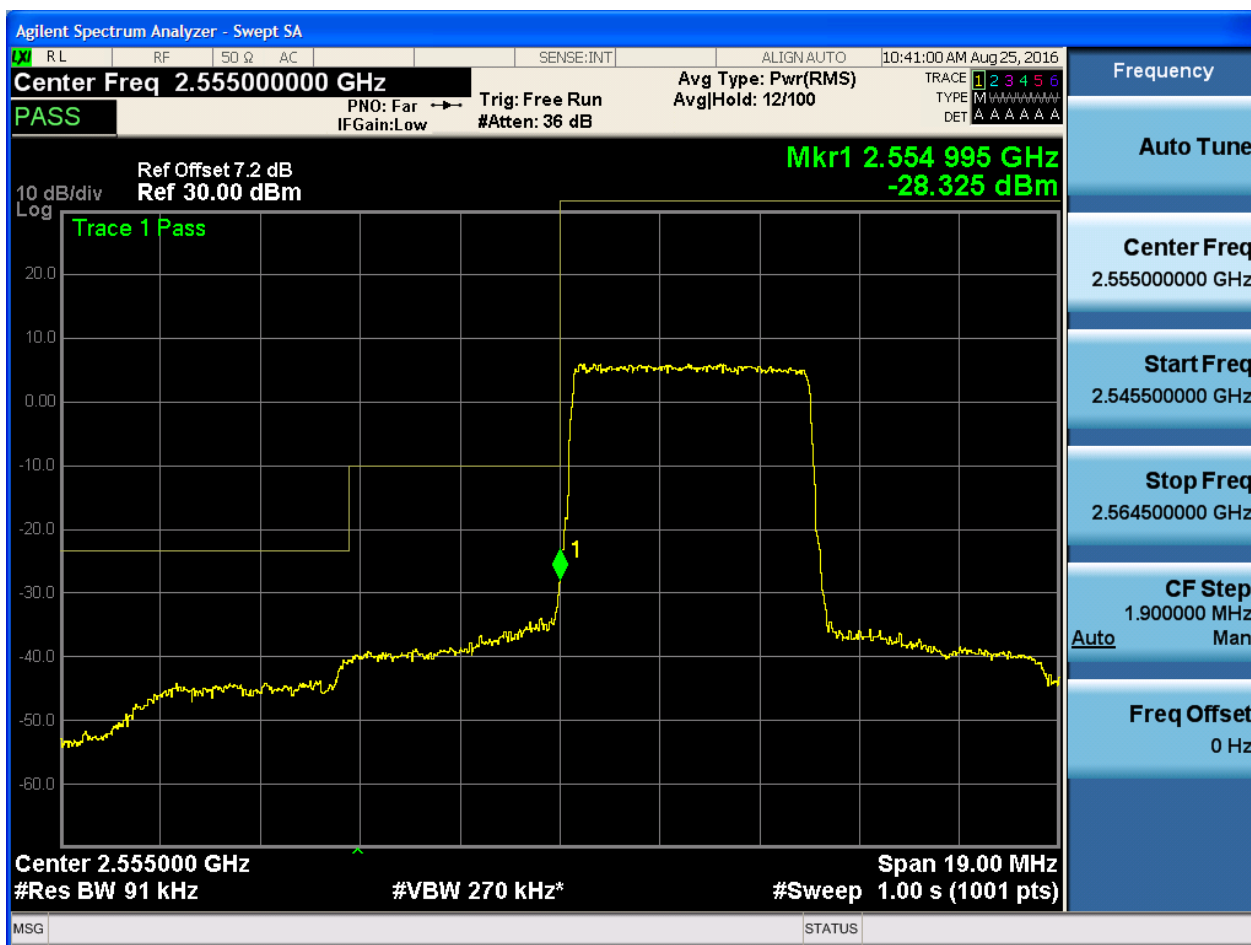


5.1.1.1.1.3 Test RB = RB12#6





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



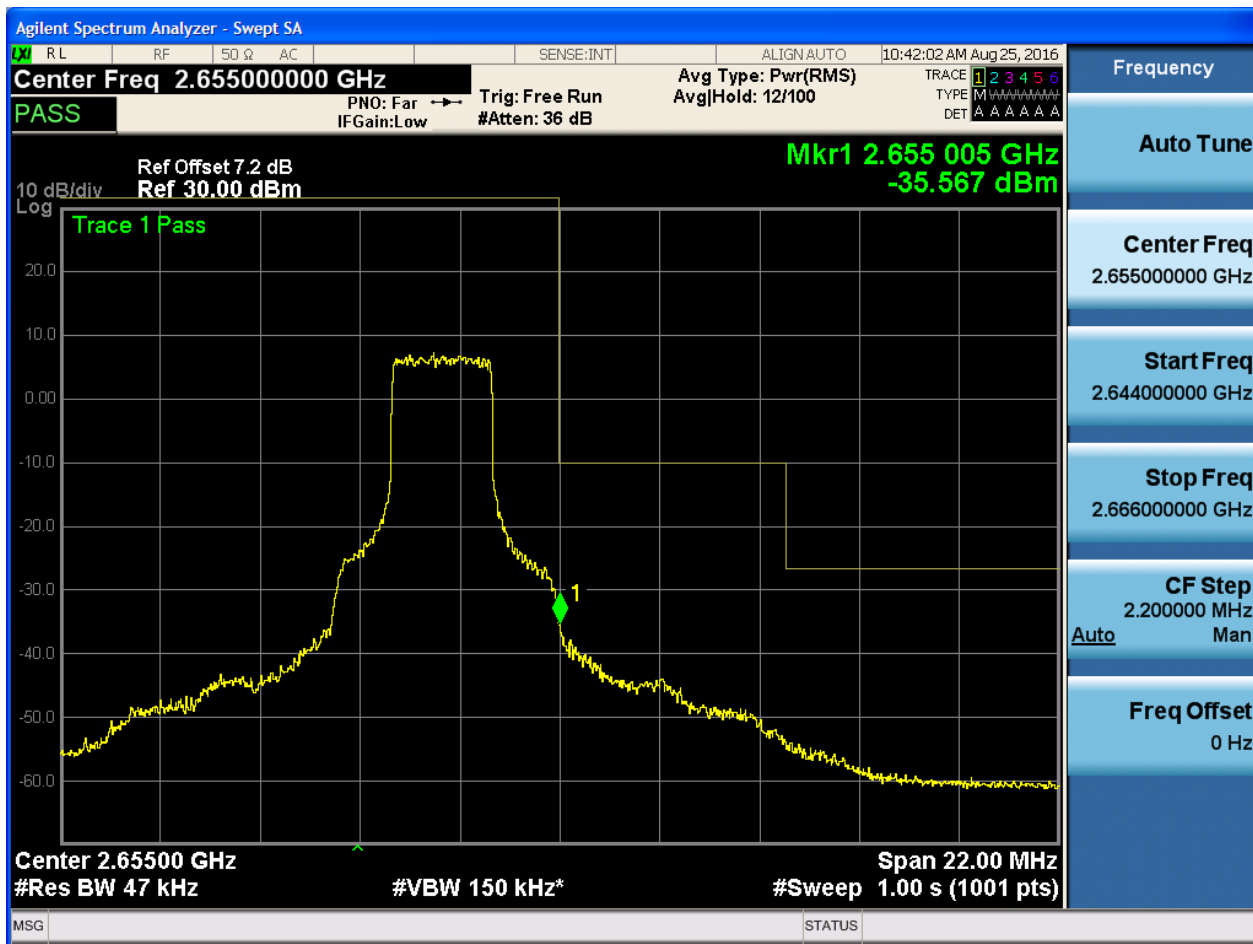


5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.2.4 Test RB = RB25#0

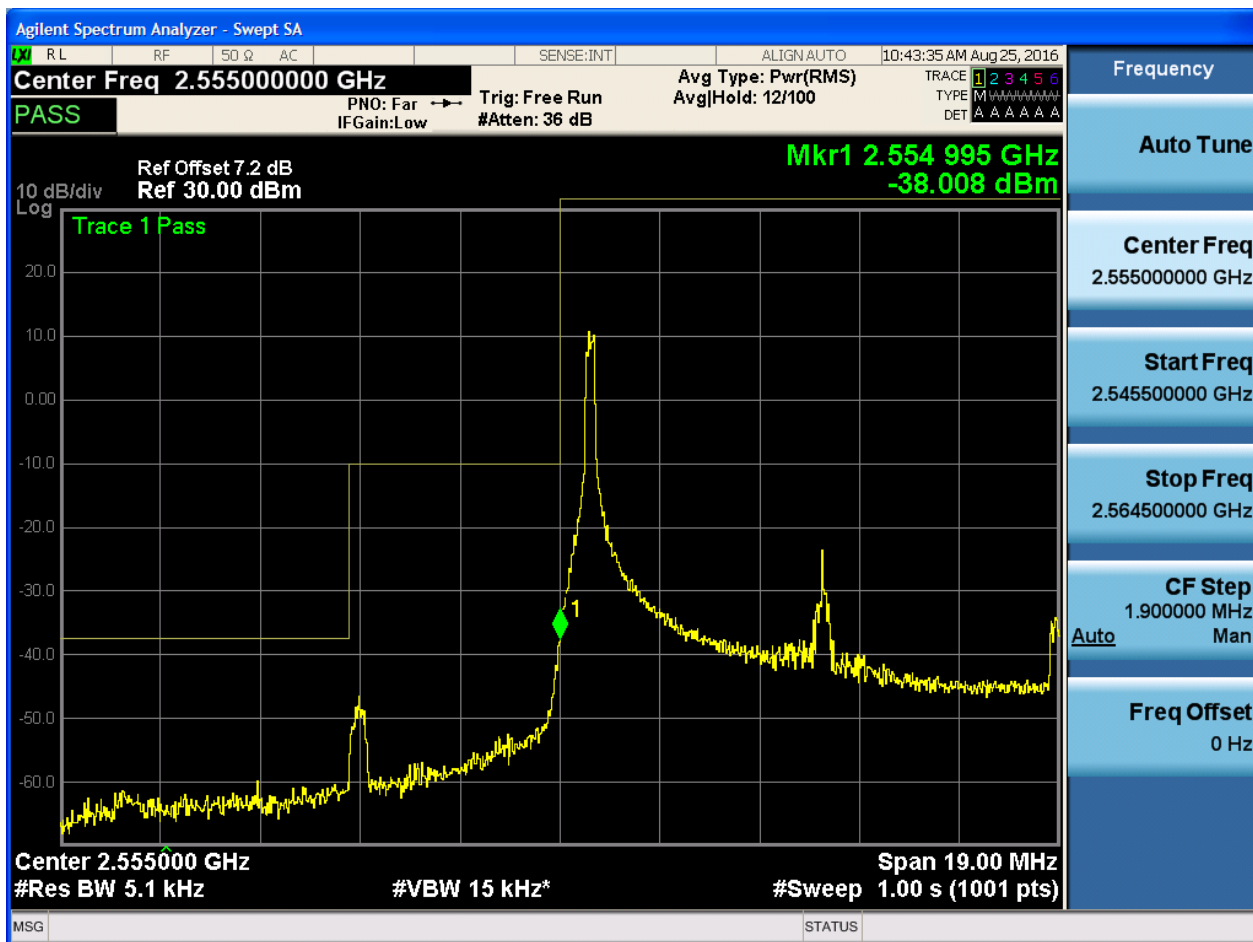




5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



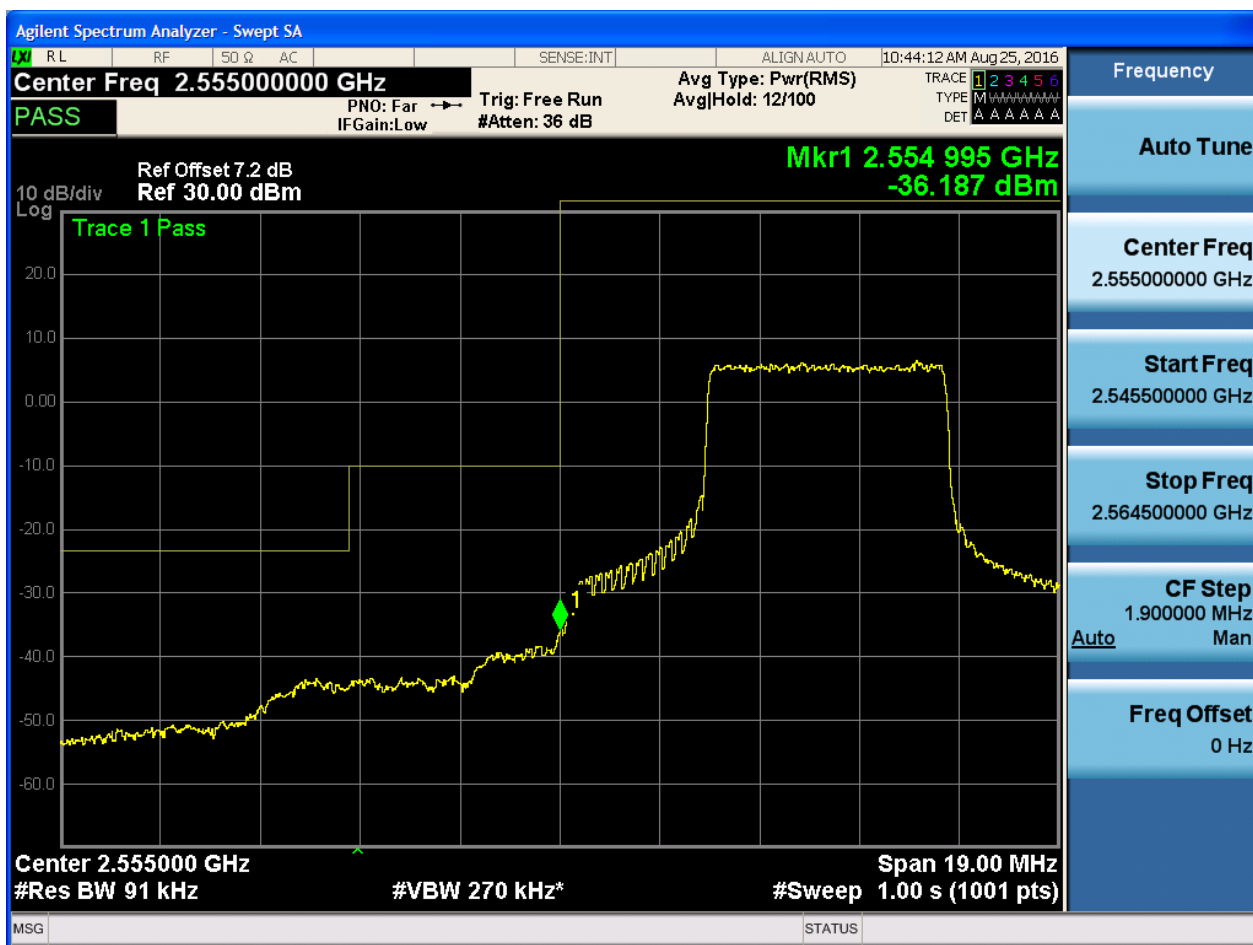


5.1.1.1.2.1.2 Test RB = RB1#49



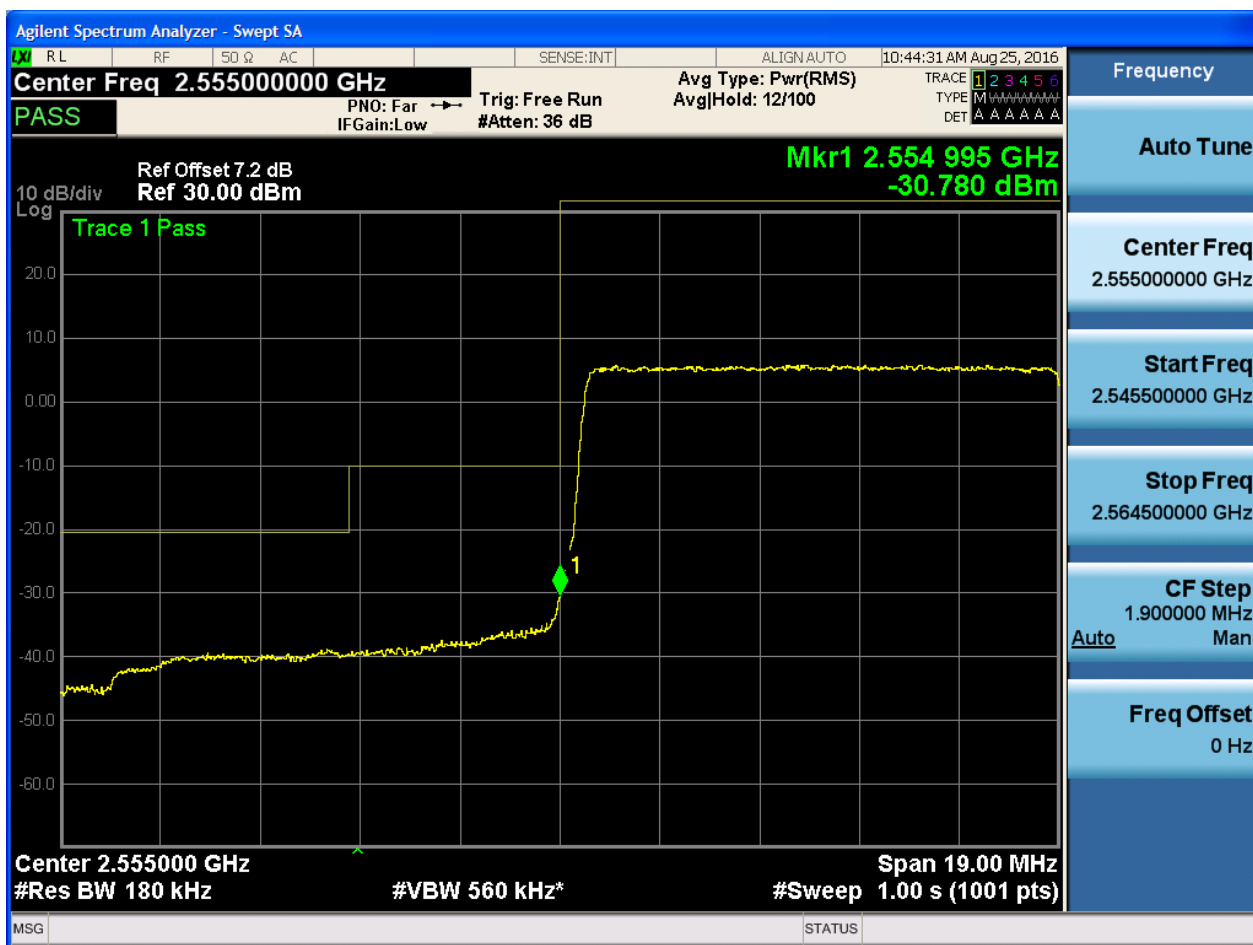


5.1.1.1.2.1.3 Test RB = RB25#13





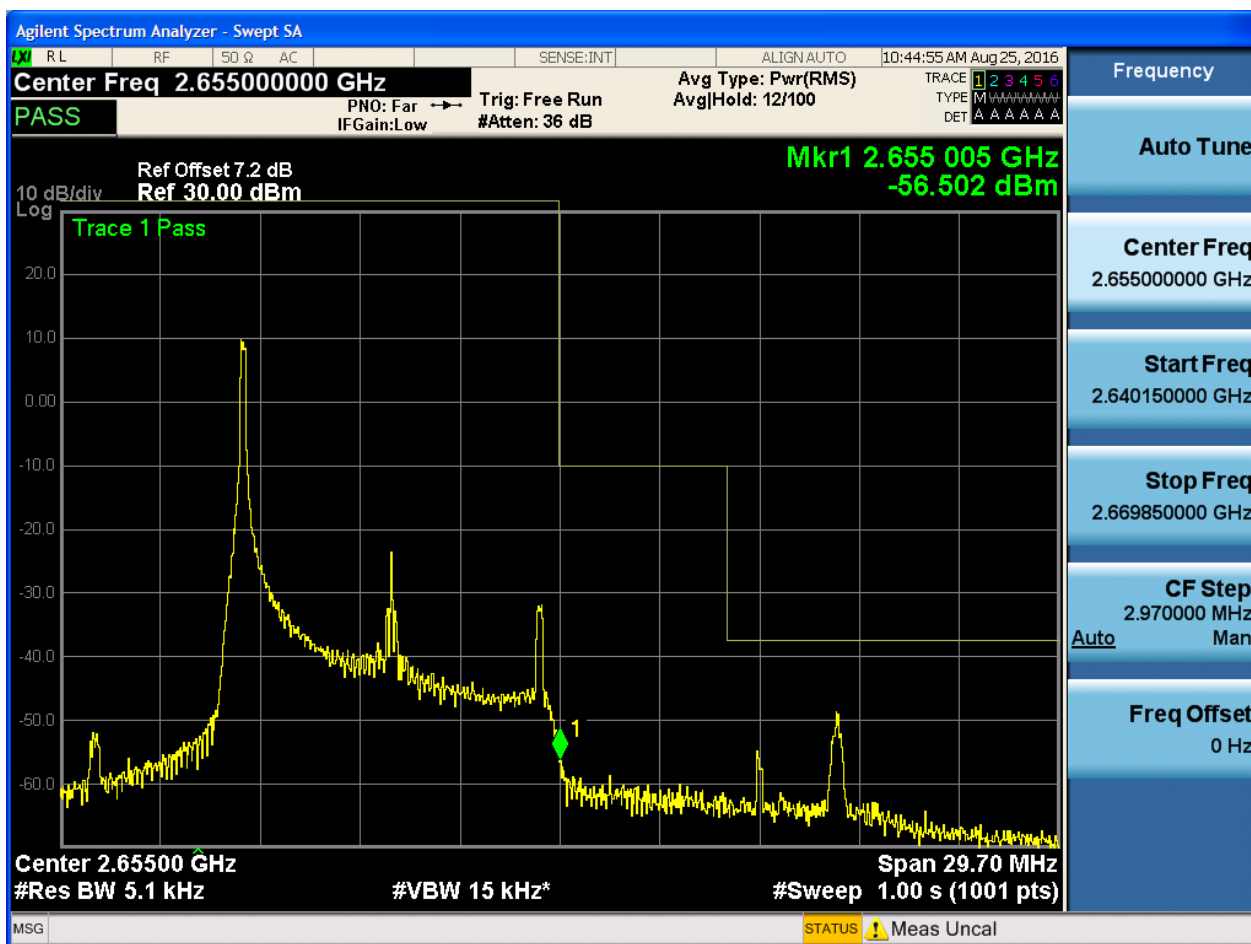
5.1.1.1.2.1.4 Test RB = RB50#0





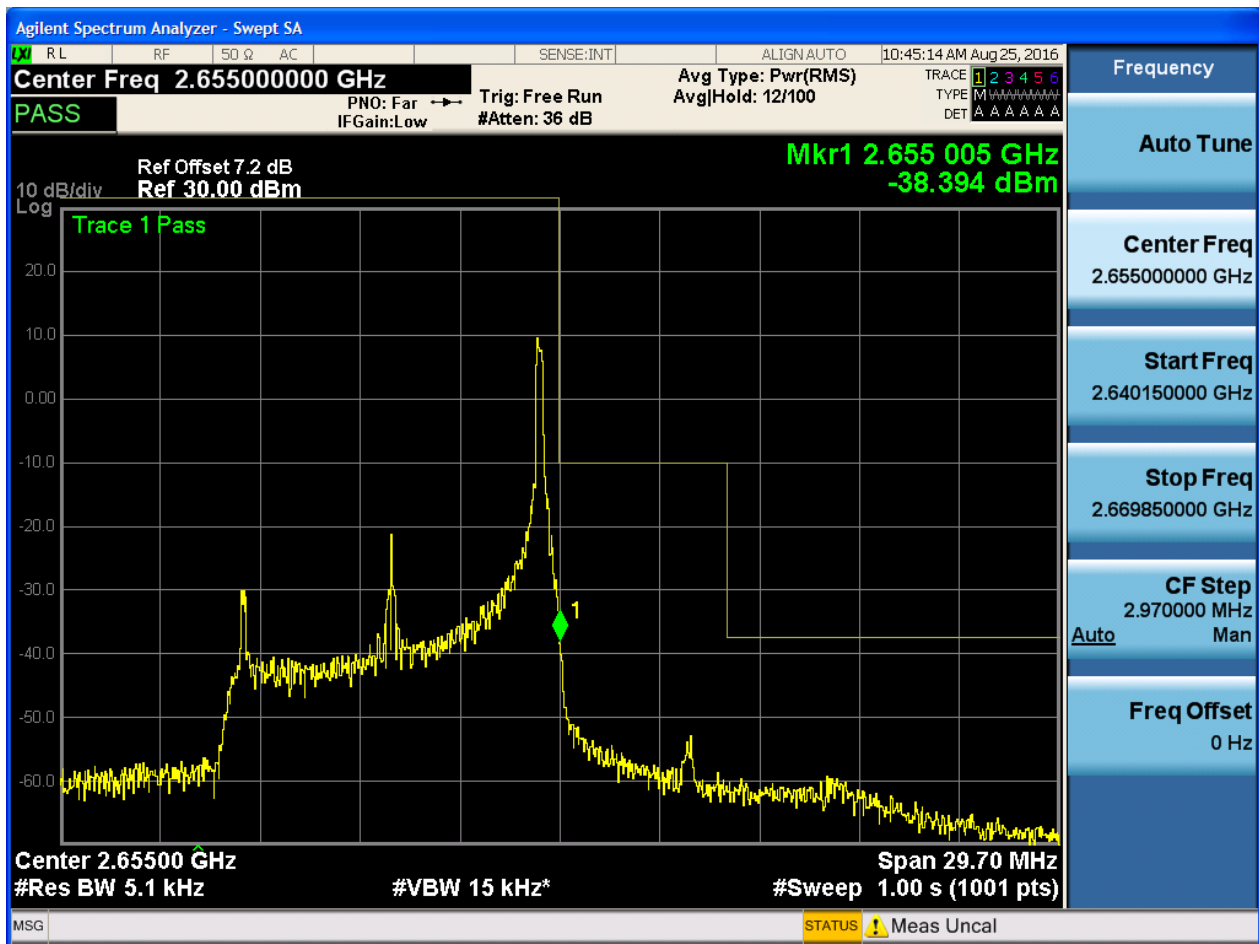
5.1.1.1.2.2 Test Channel = HCH

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

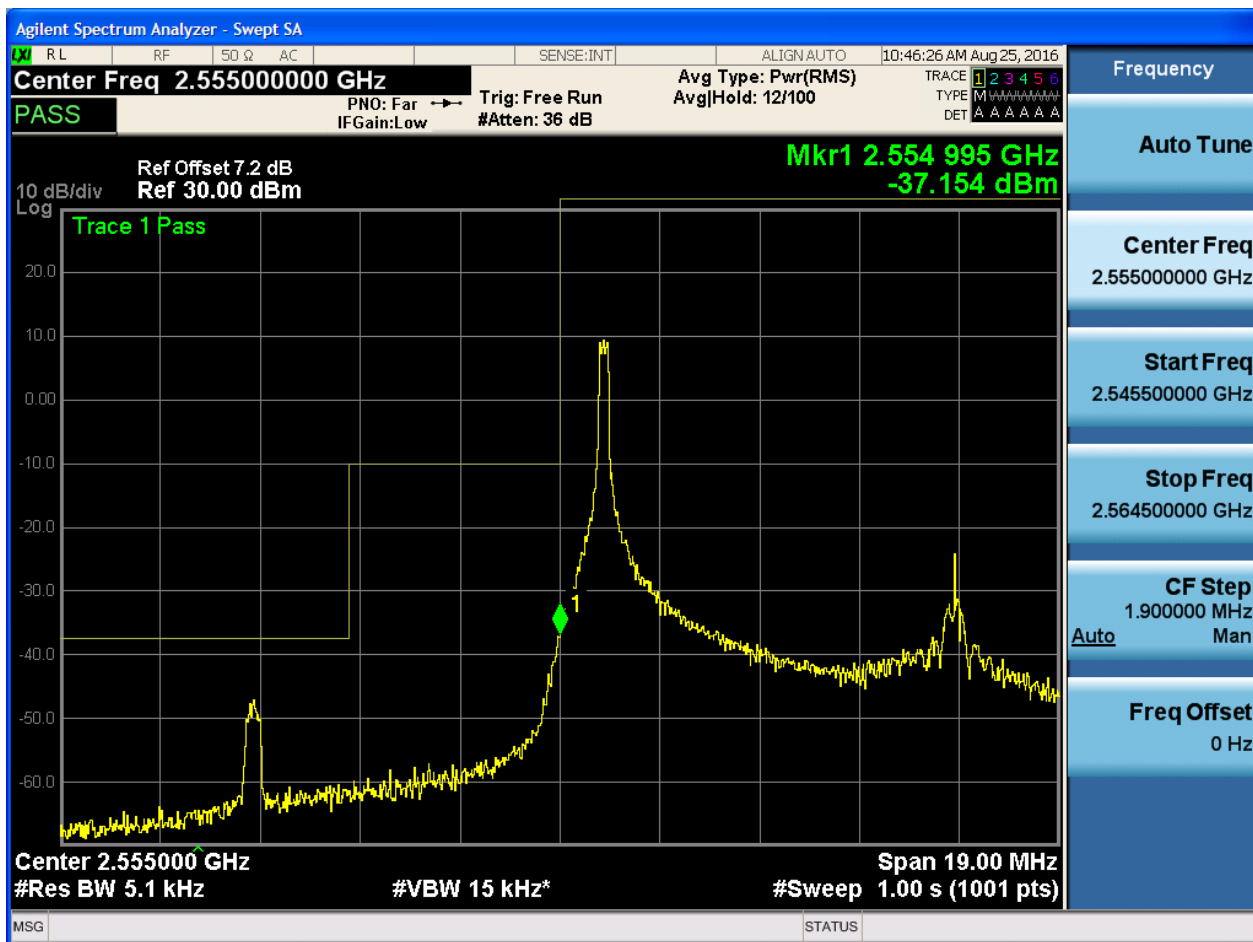




5.1.1.1.3 Test Bandwidth = 15

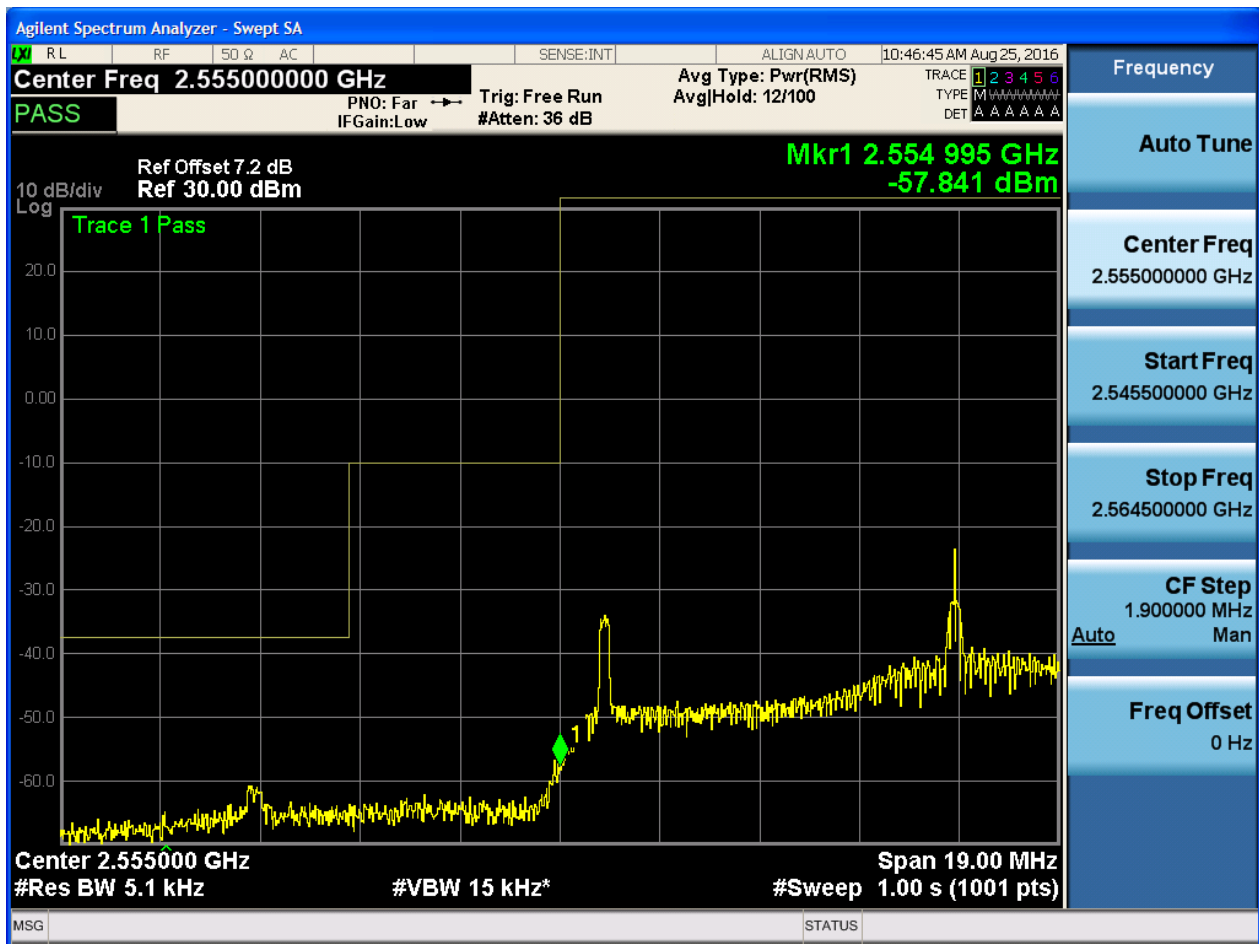
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



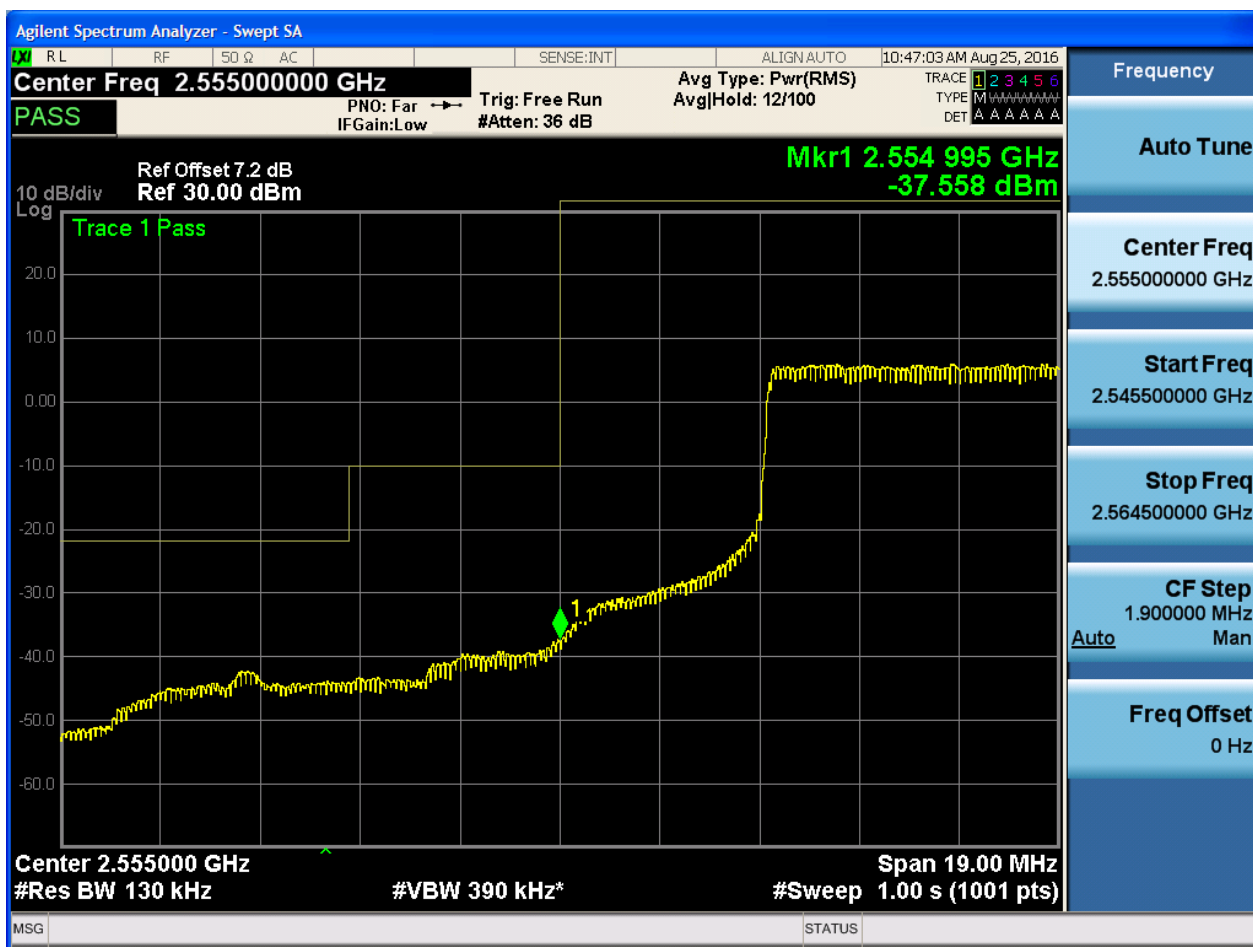


5.1.1.1.3.1.2 Test RB = RB1#74





5.1.1.1.3.1.3 Test RB = RB36#18





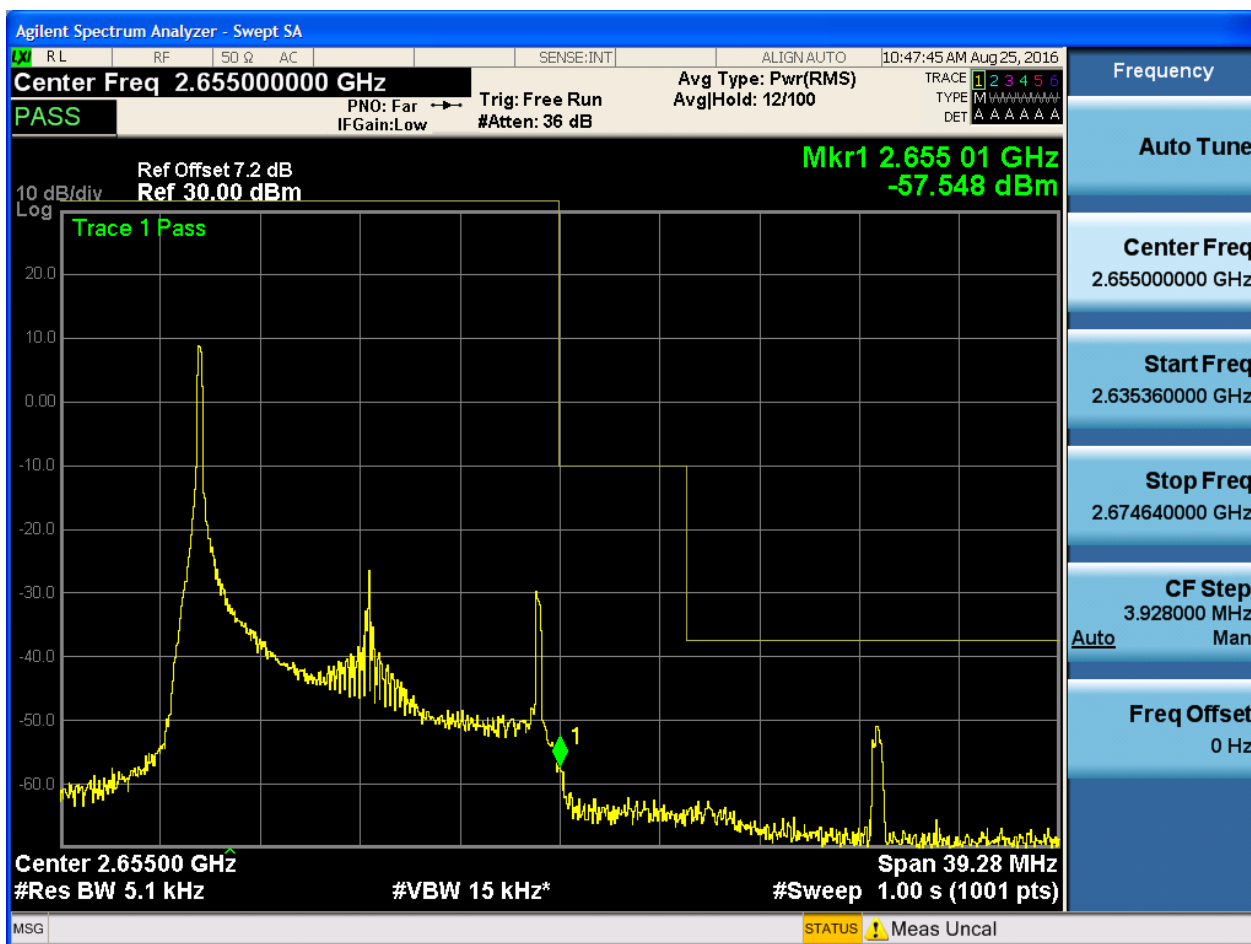
5.1.1.1.3.1.4 Test RB = RB75#0





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





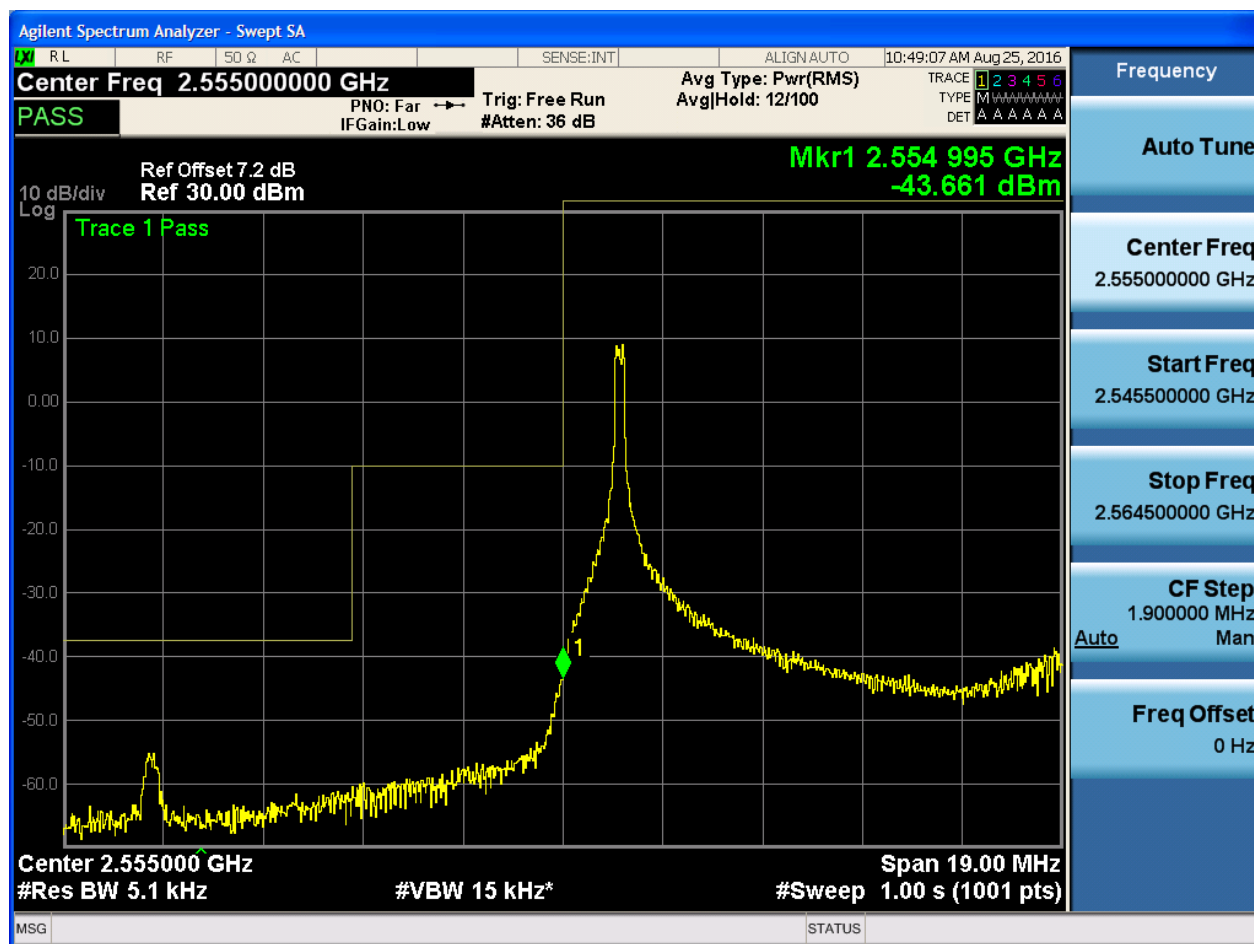
5.1.1.1.3.2.4 Test RB = RB75#0



5.1.1.1.4 Test Bandwidth = 20

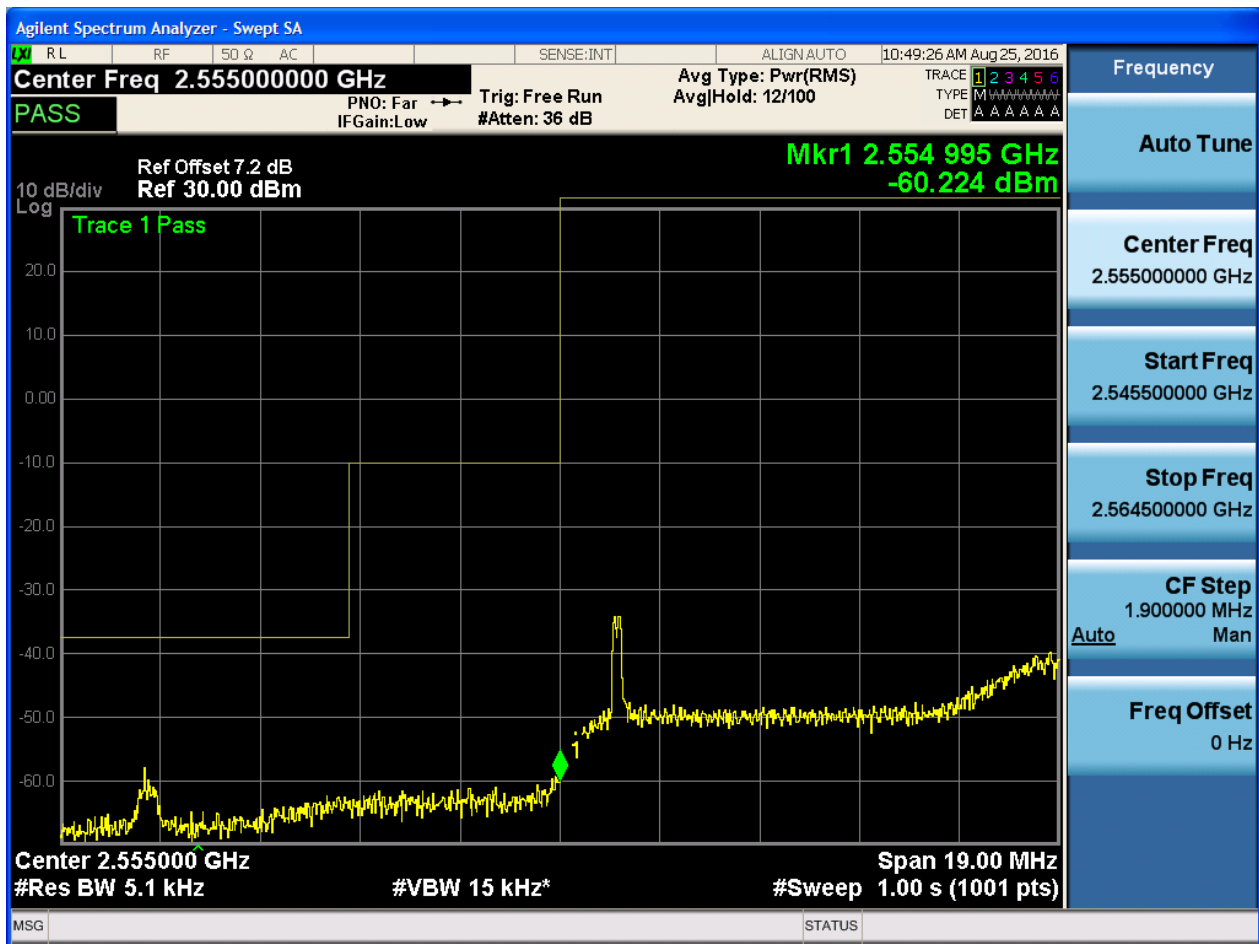
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



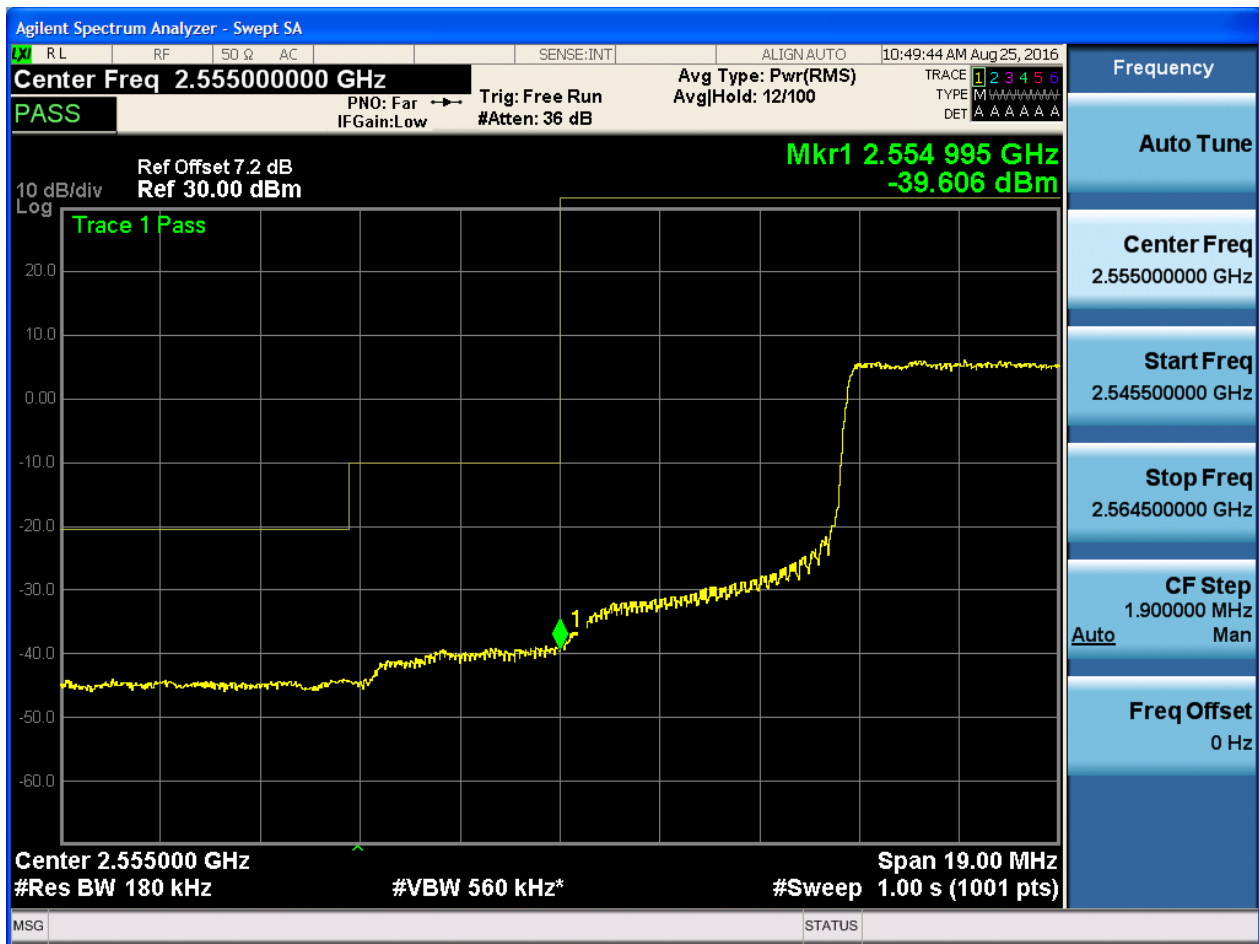


5.1.1.1.4.1.2 Test RB = RB1#99



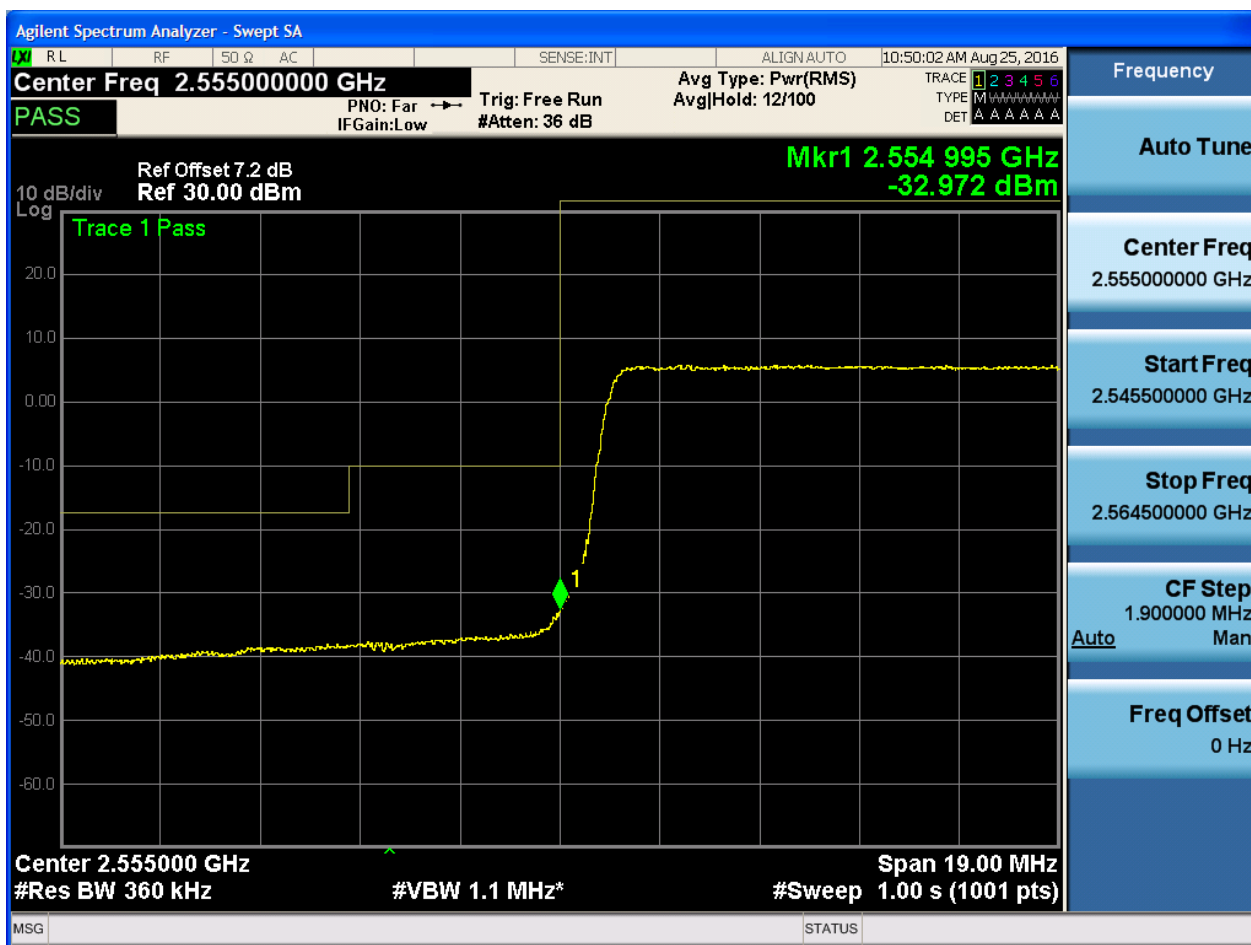


5.1.1.1.4.1.3 Test RB = RB50#25





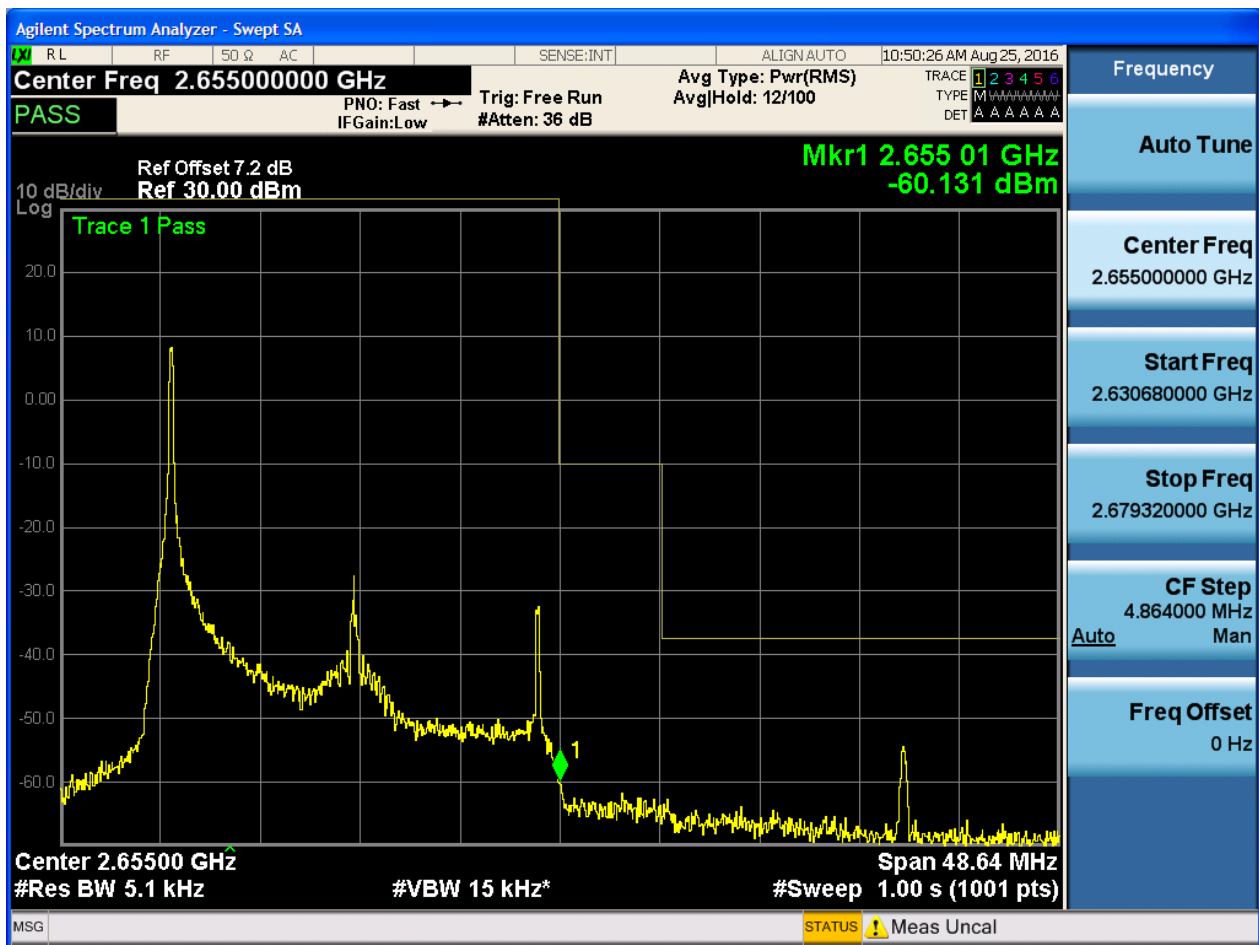
5.1.1.1.4.1.4 Test RB = RB100#0





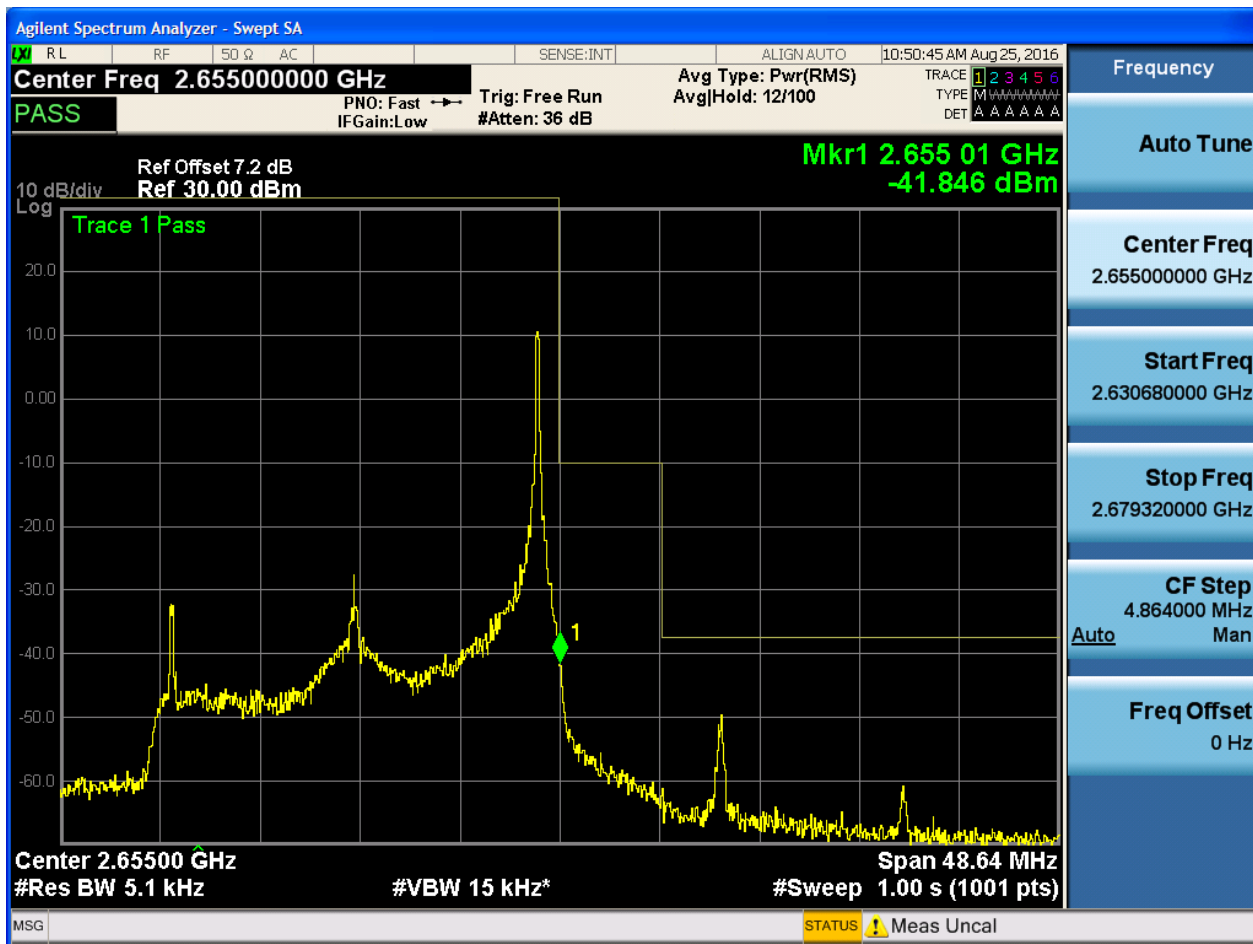
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





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

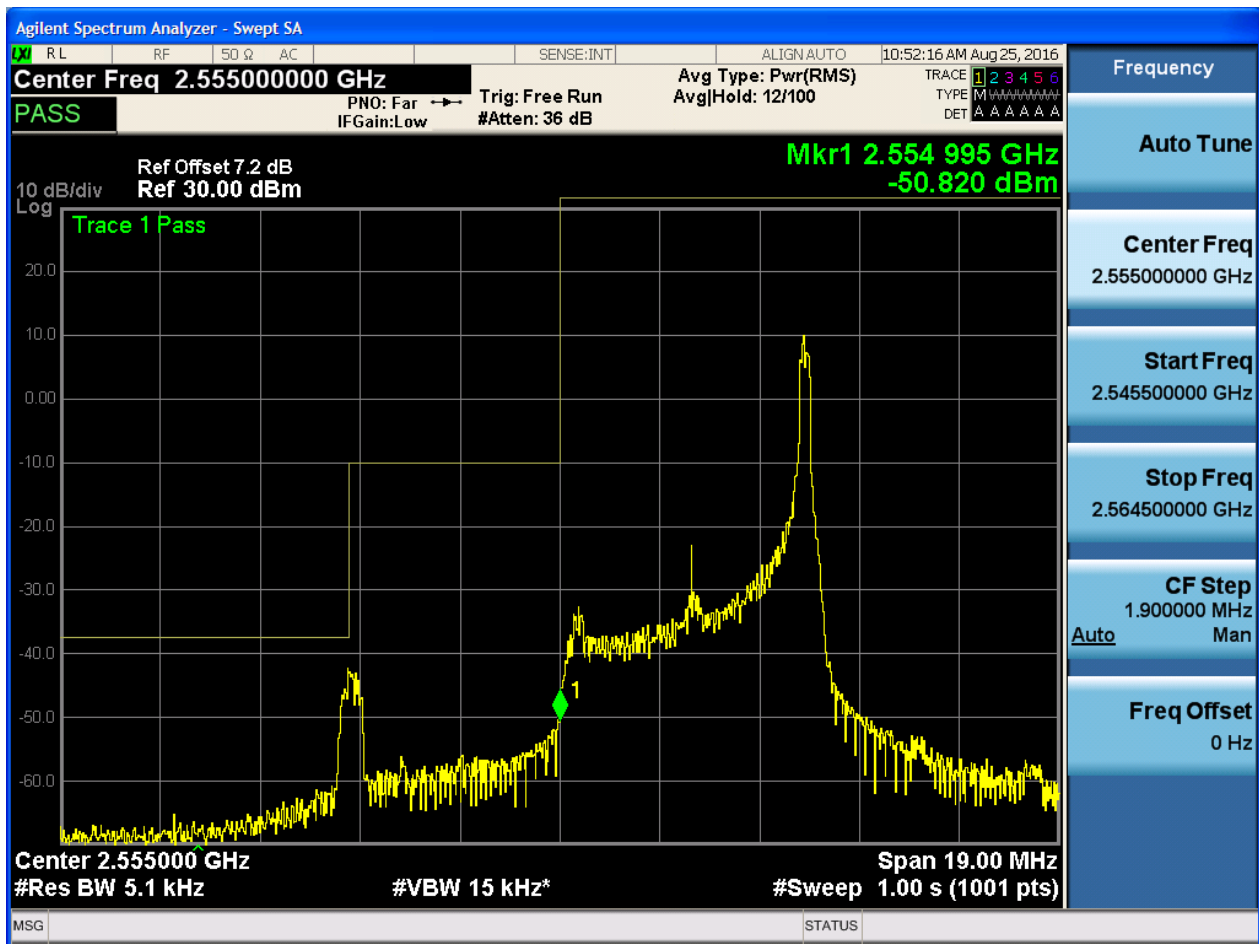
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



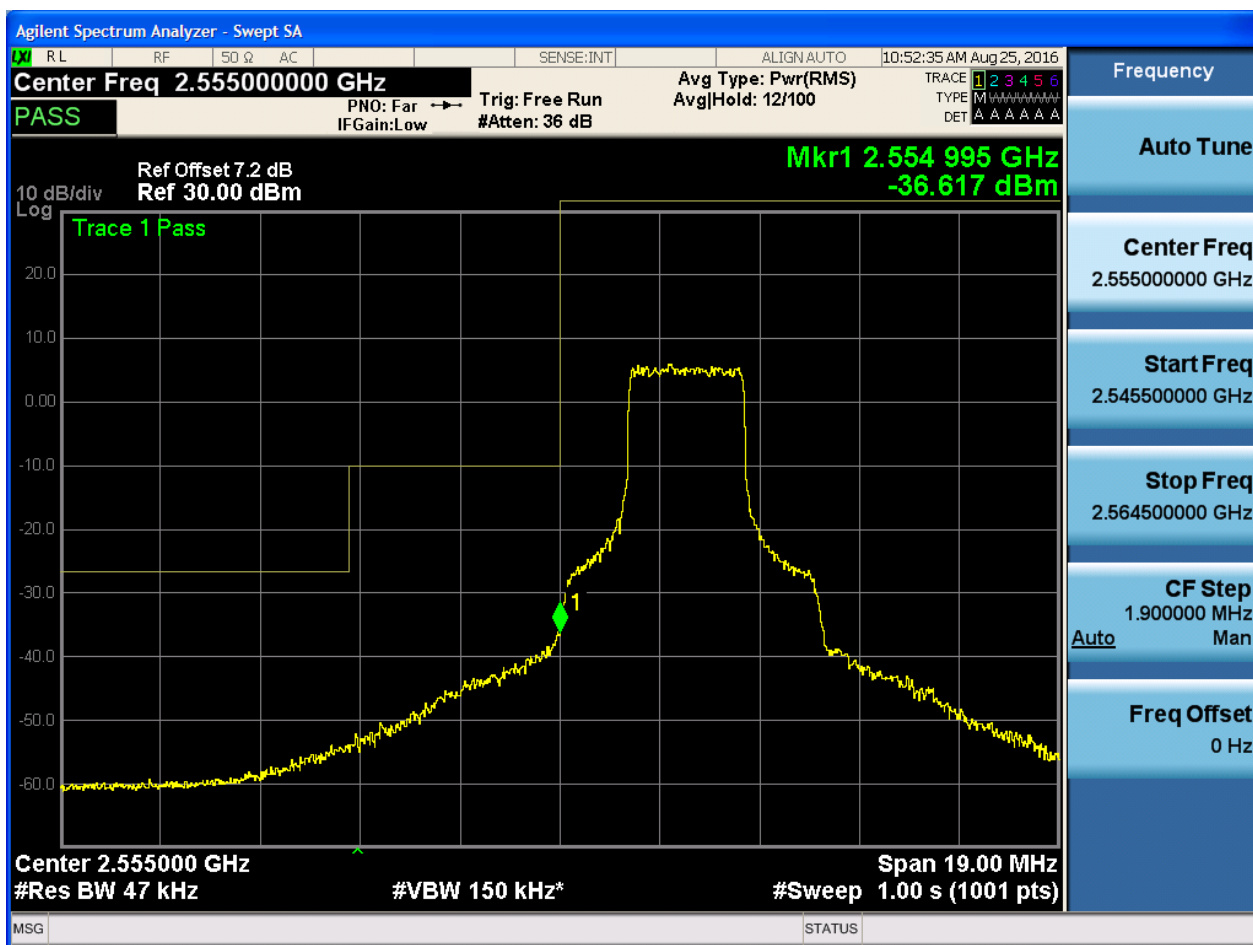


5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





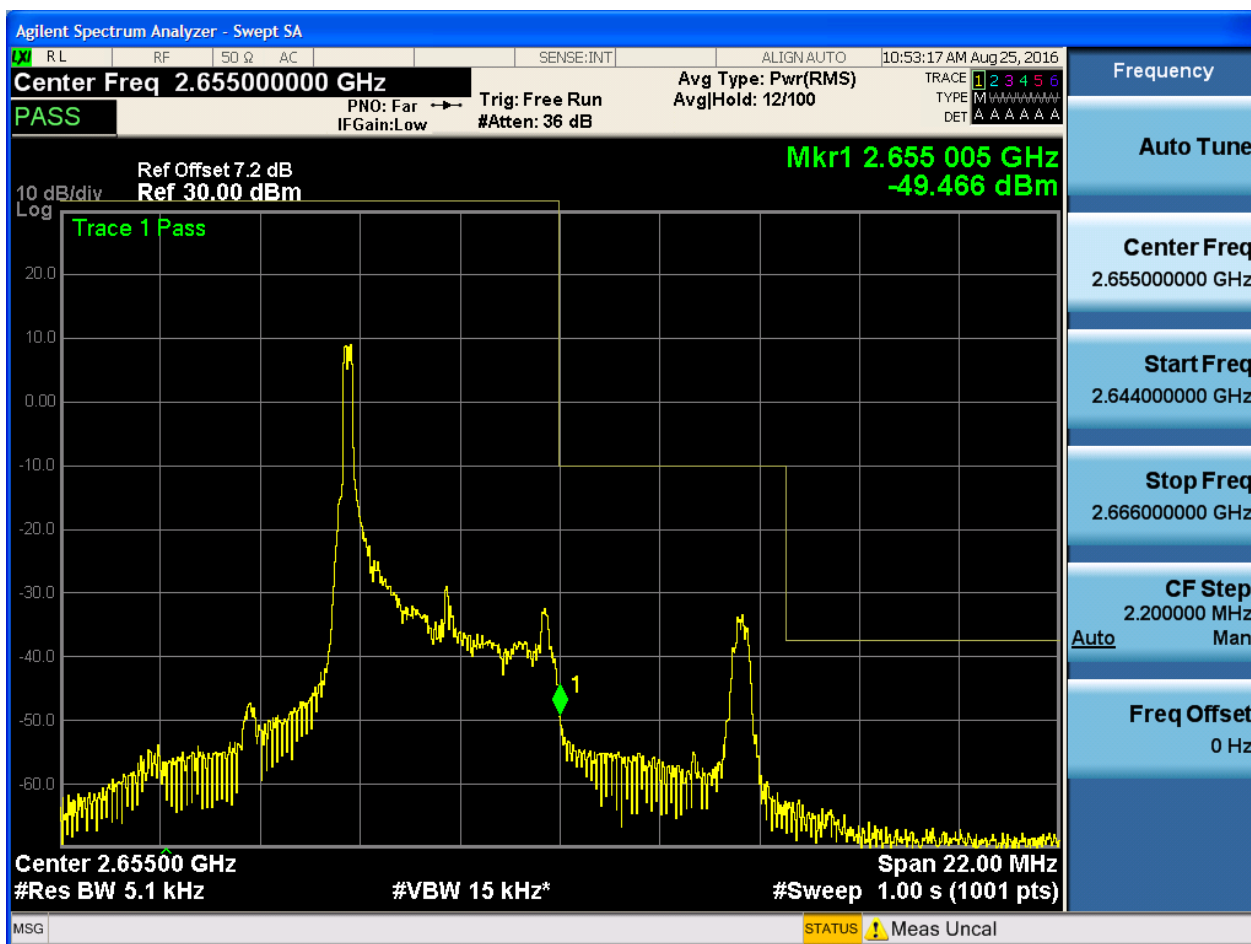
5.1.1.2.1.1.4 Test RB = RB25#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



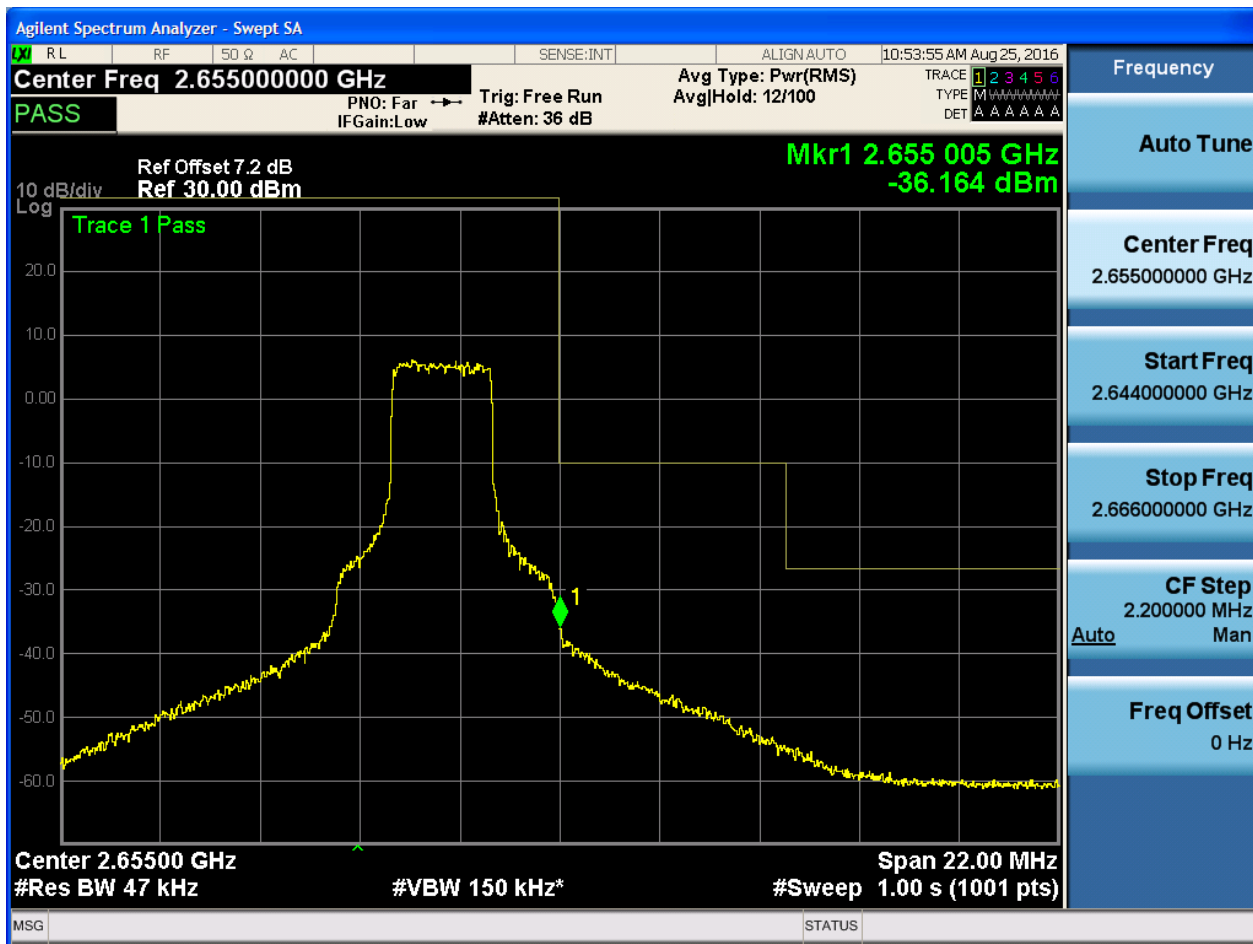


5.1.1.2.1.2.2 Test RB = RB1#24



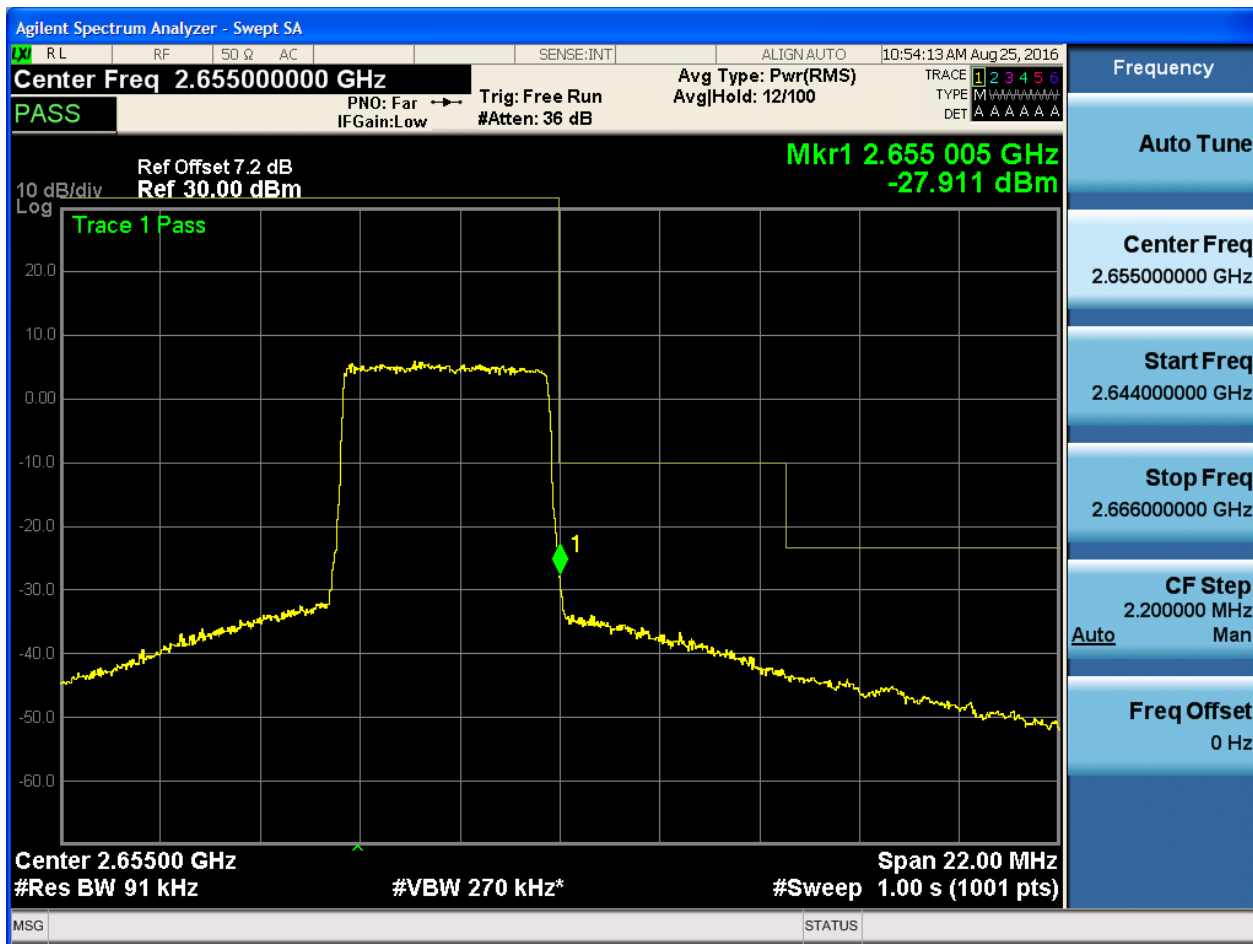


5.1.1.2.1.2.3 Test RB = RB12#6





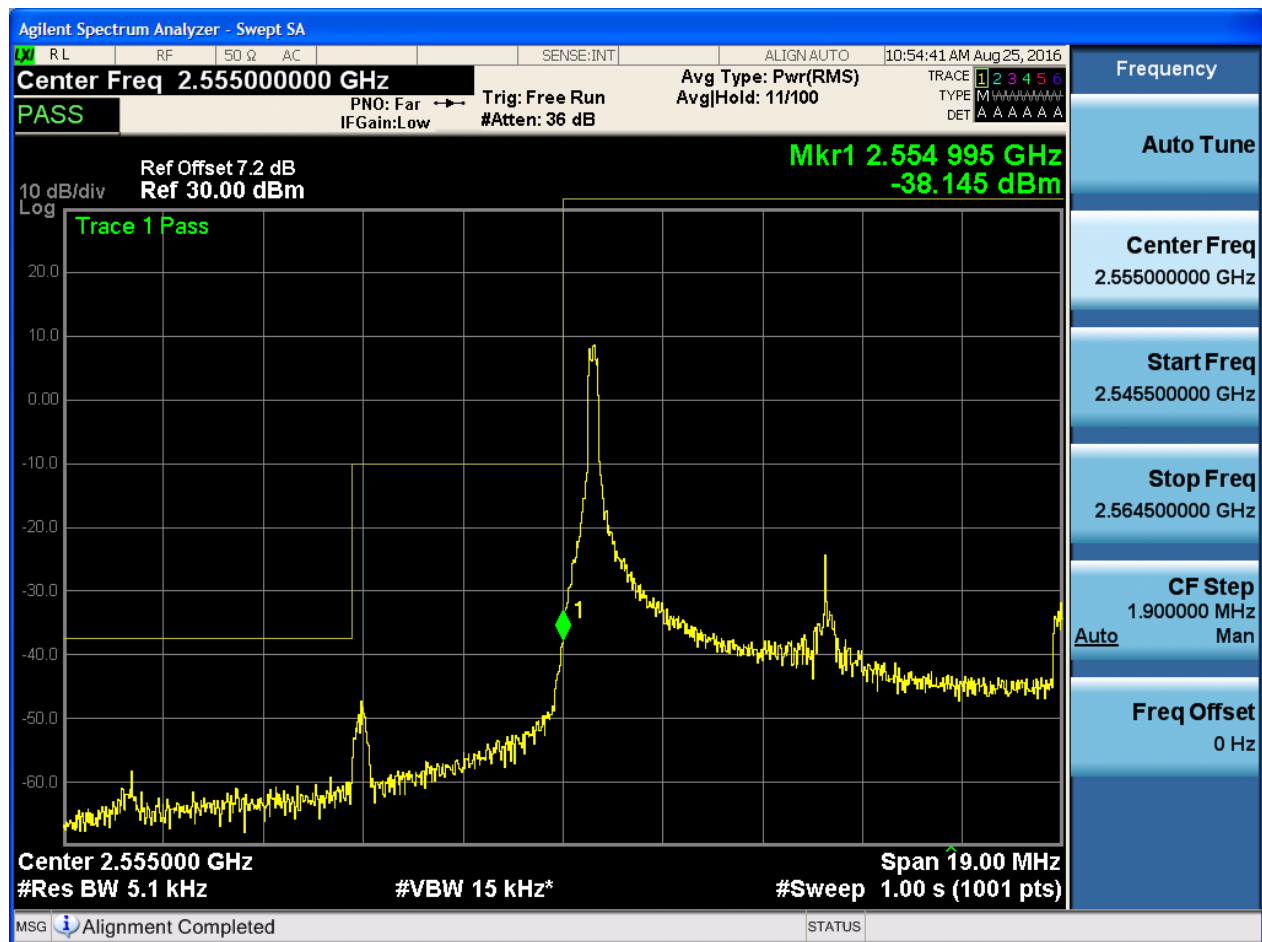
5.1.1.2.1.2.4 Test RB = RB25#0



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



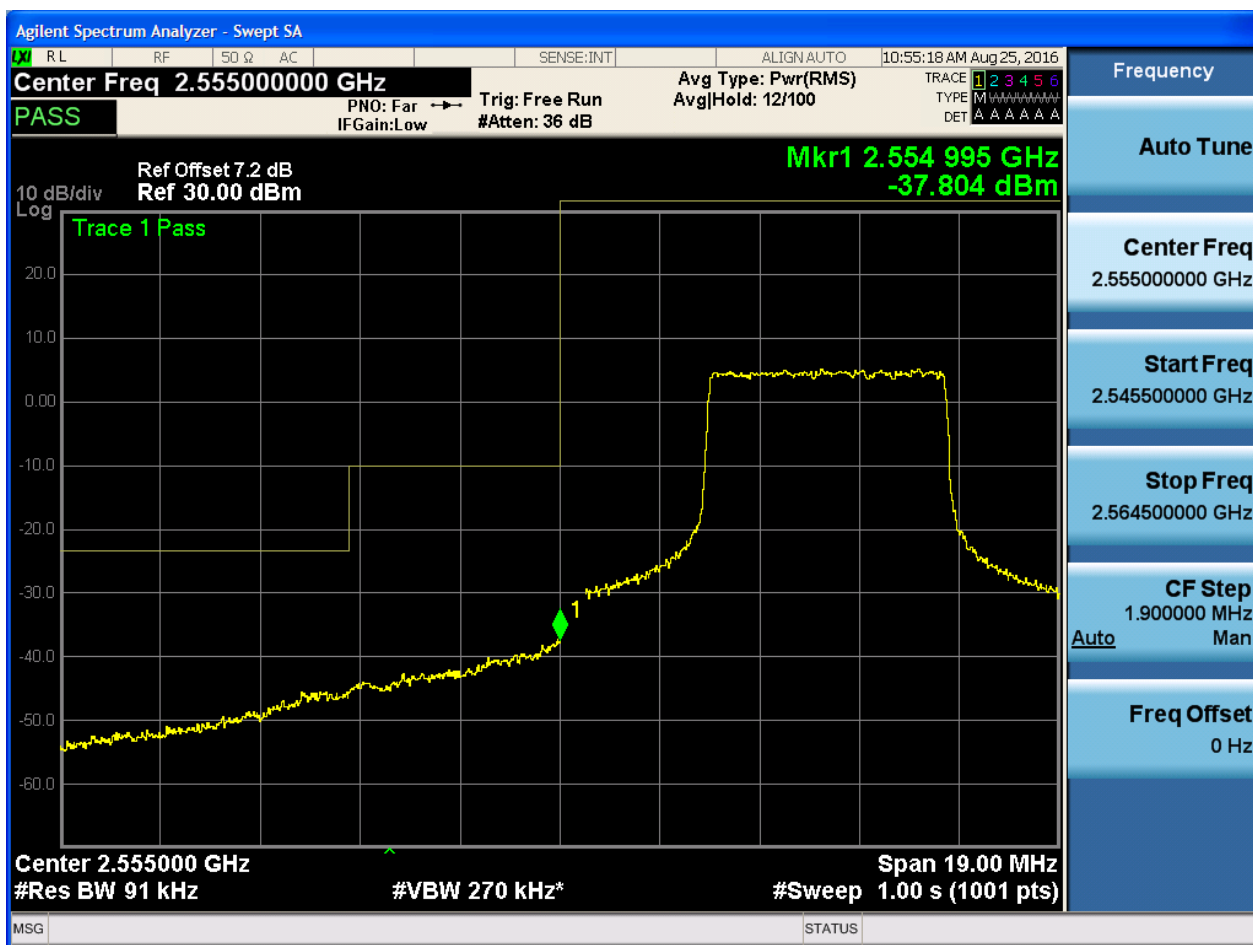


5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





5.1.1.2.2.1.4 Test RB = RB50#0





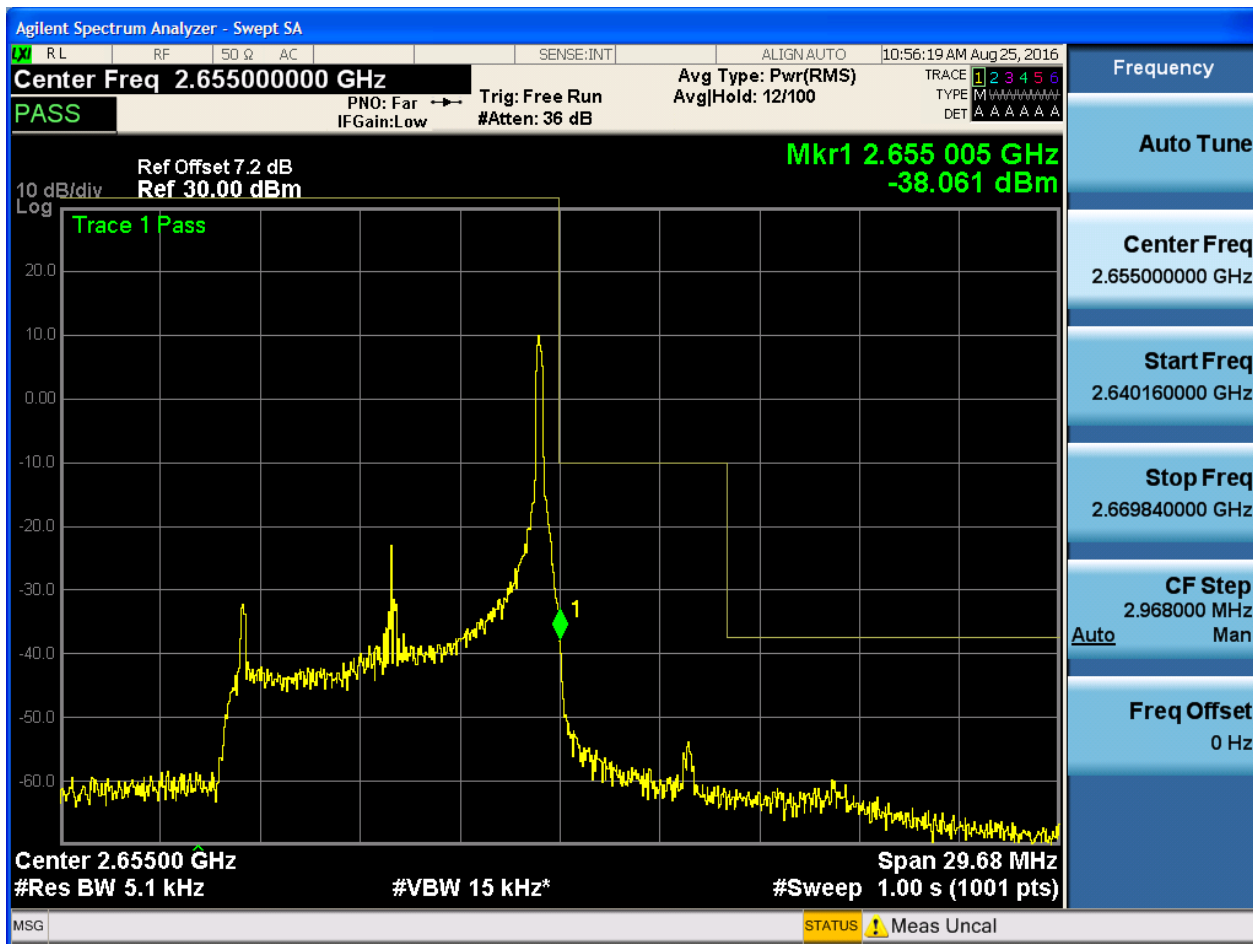
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



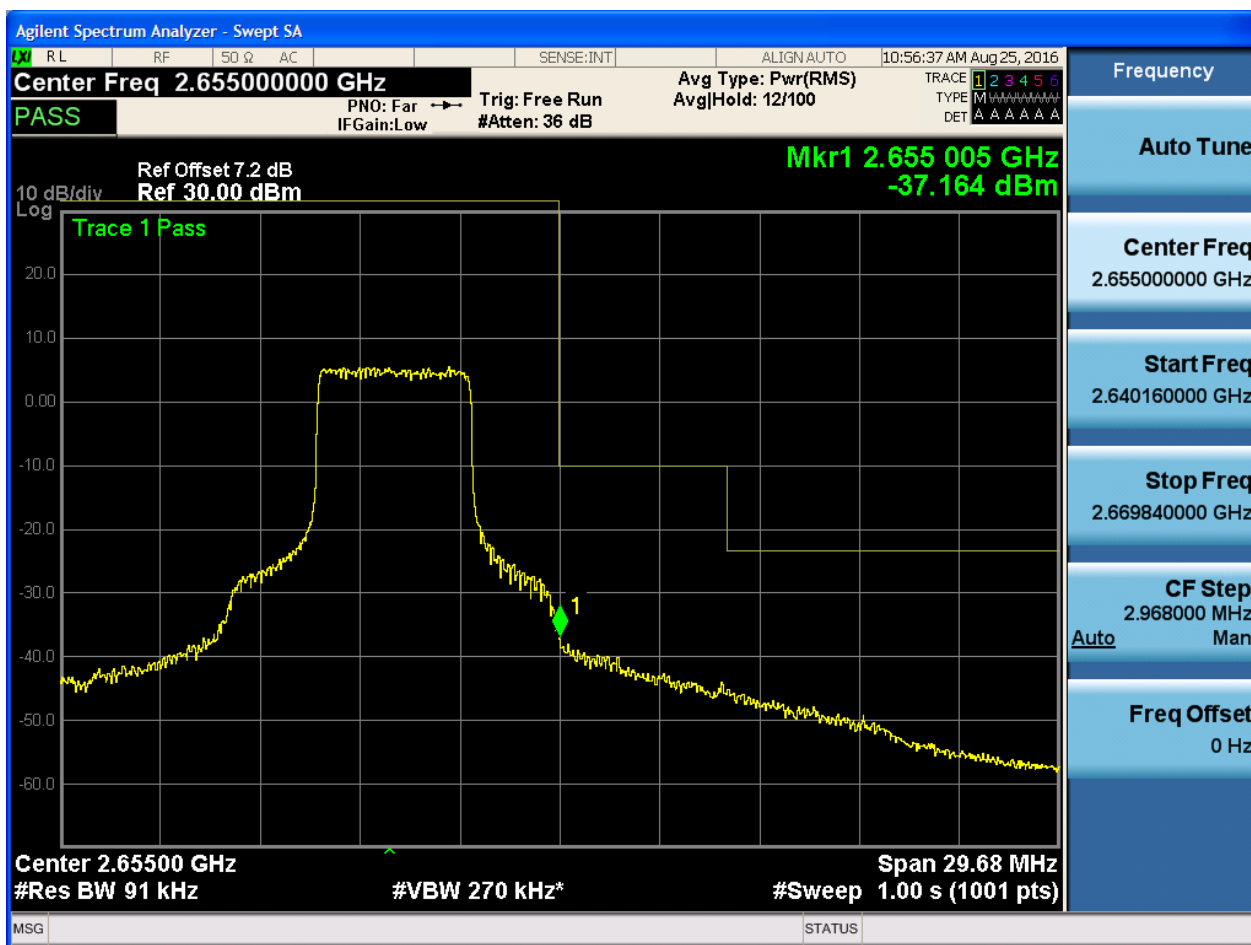


5.1.1.2.2.2 Test RB = RB1#49



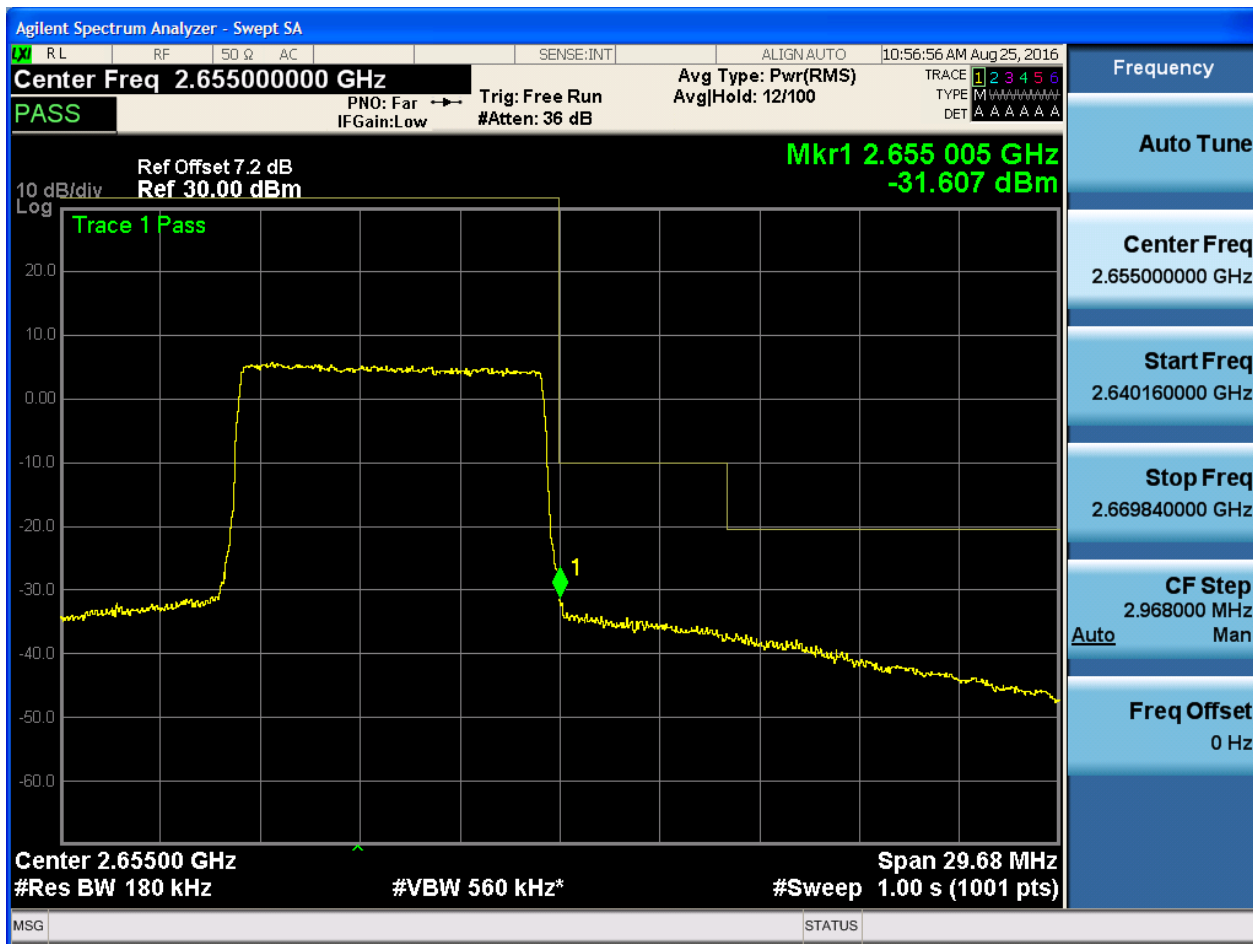


5.1.1.2.2.3 Test RB = RB25#13





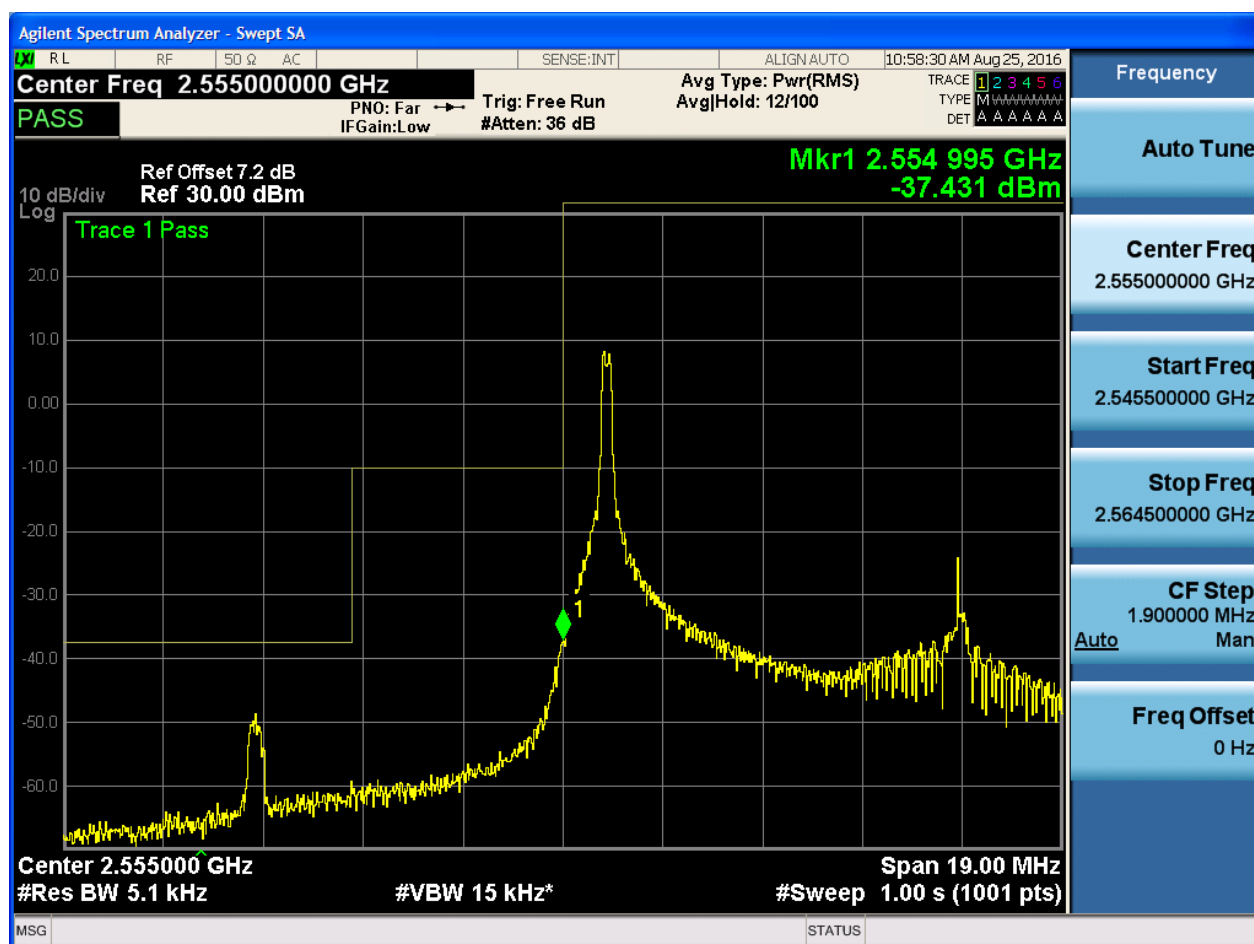
5.1.1.2.2.4 Test RB = RB50#0



5.1.1.2.3 Test Bandwidth = 15

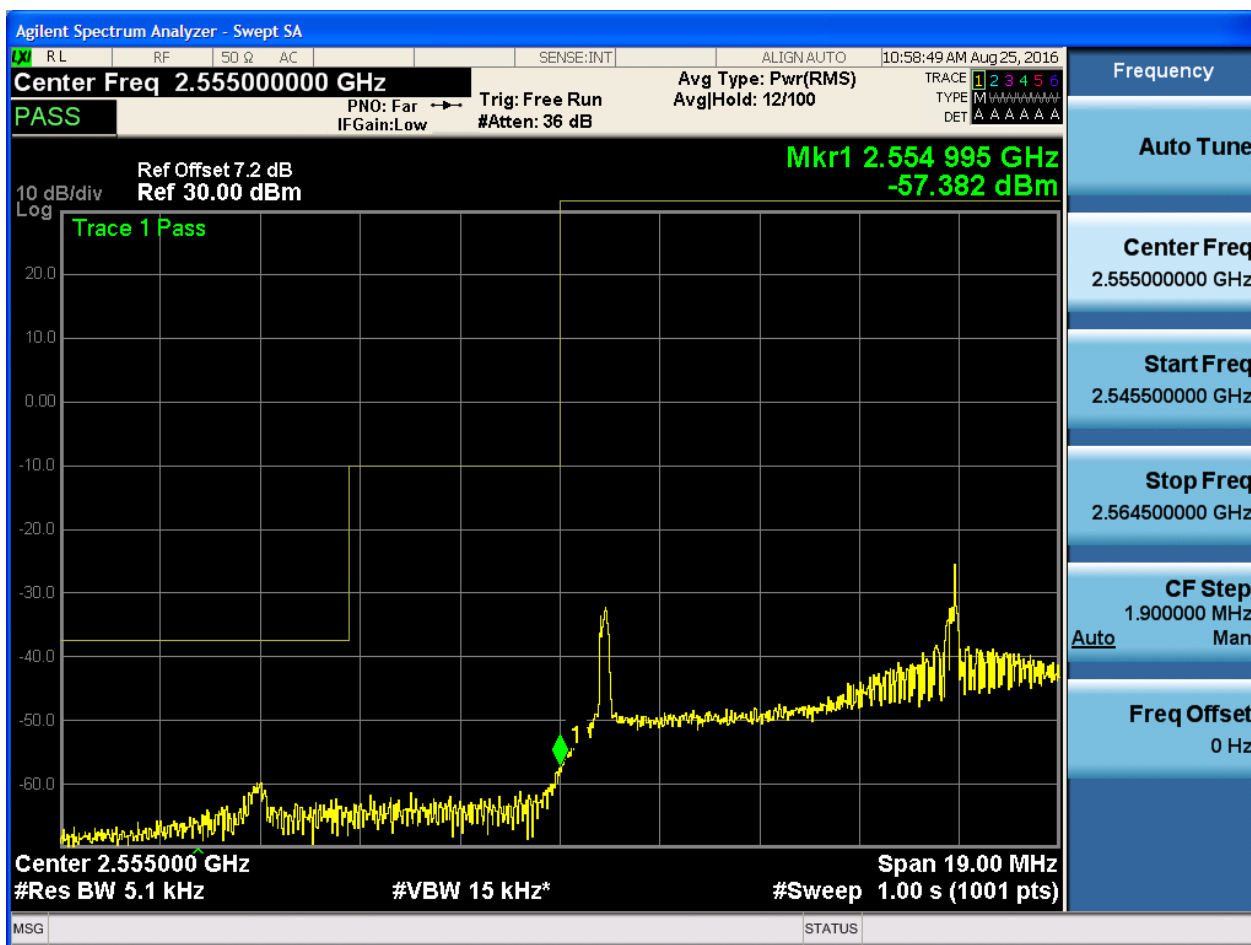
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0



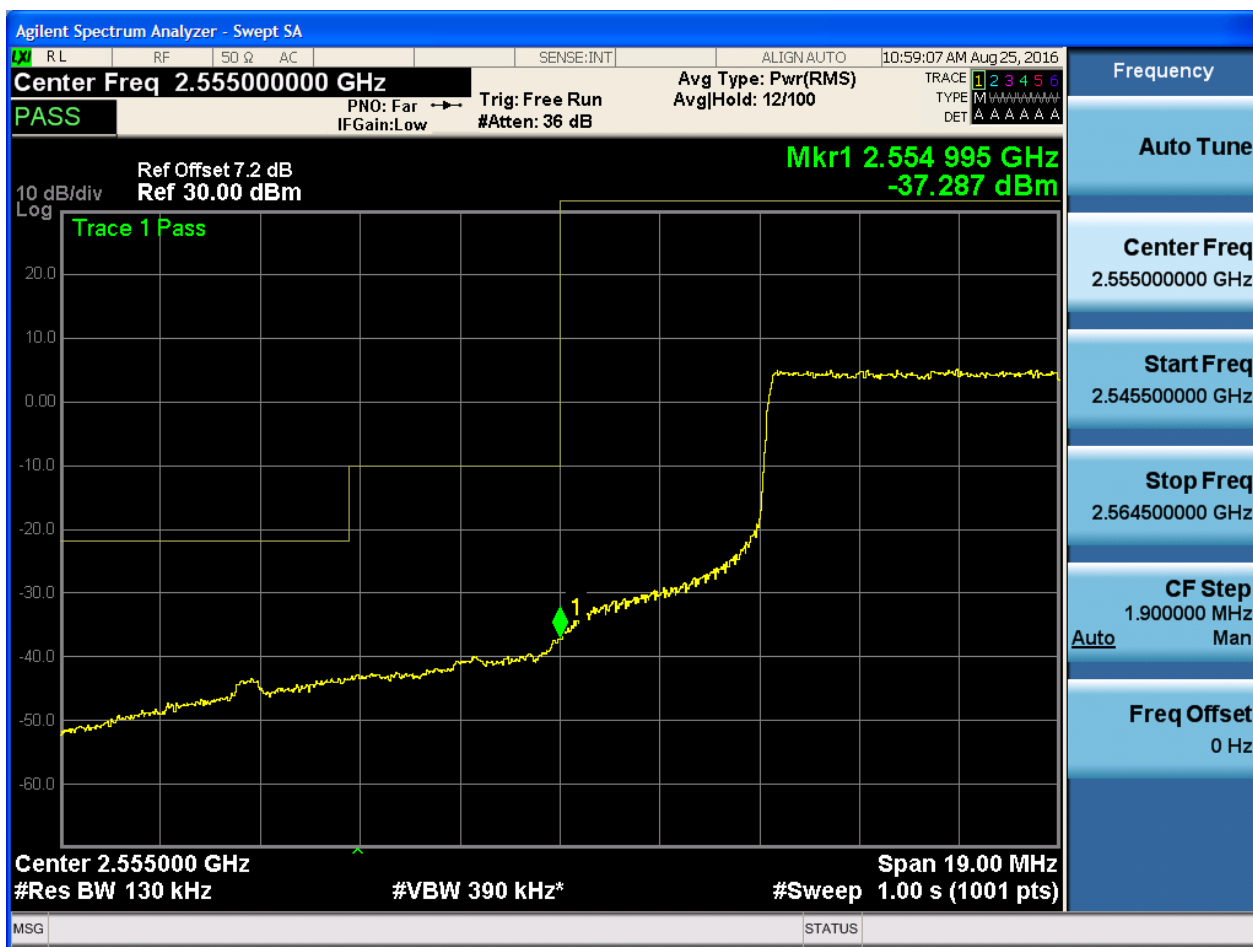


5.1.1.2.3.1.2 Test RB = RB1#74



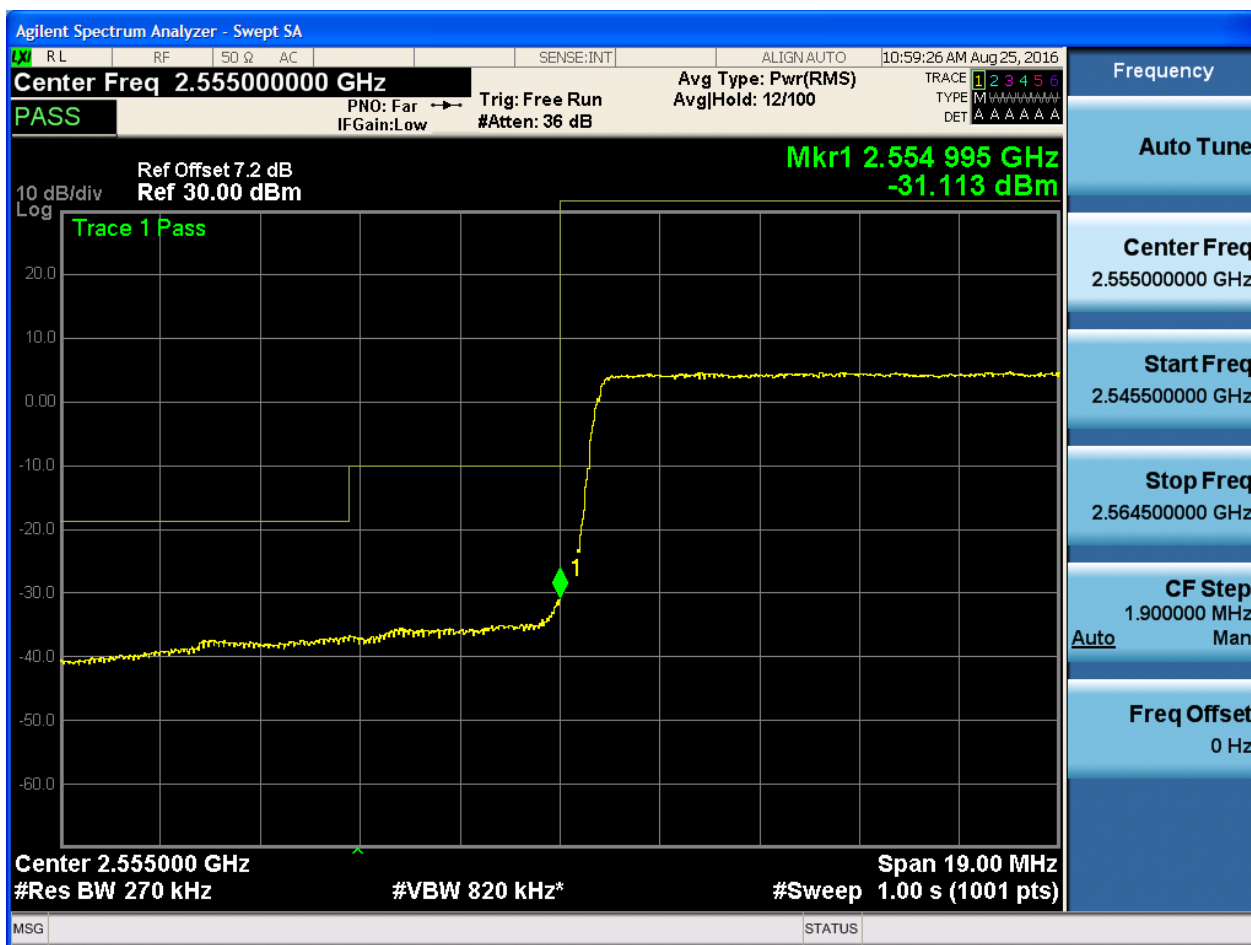


5.1.1.2.3.1.3 Test RB = RB36#18





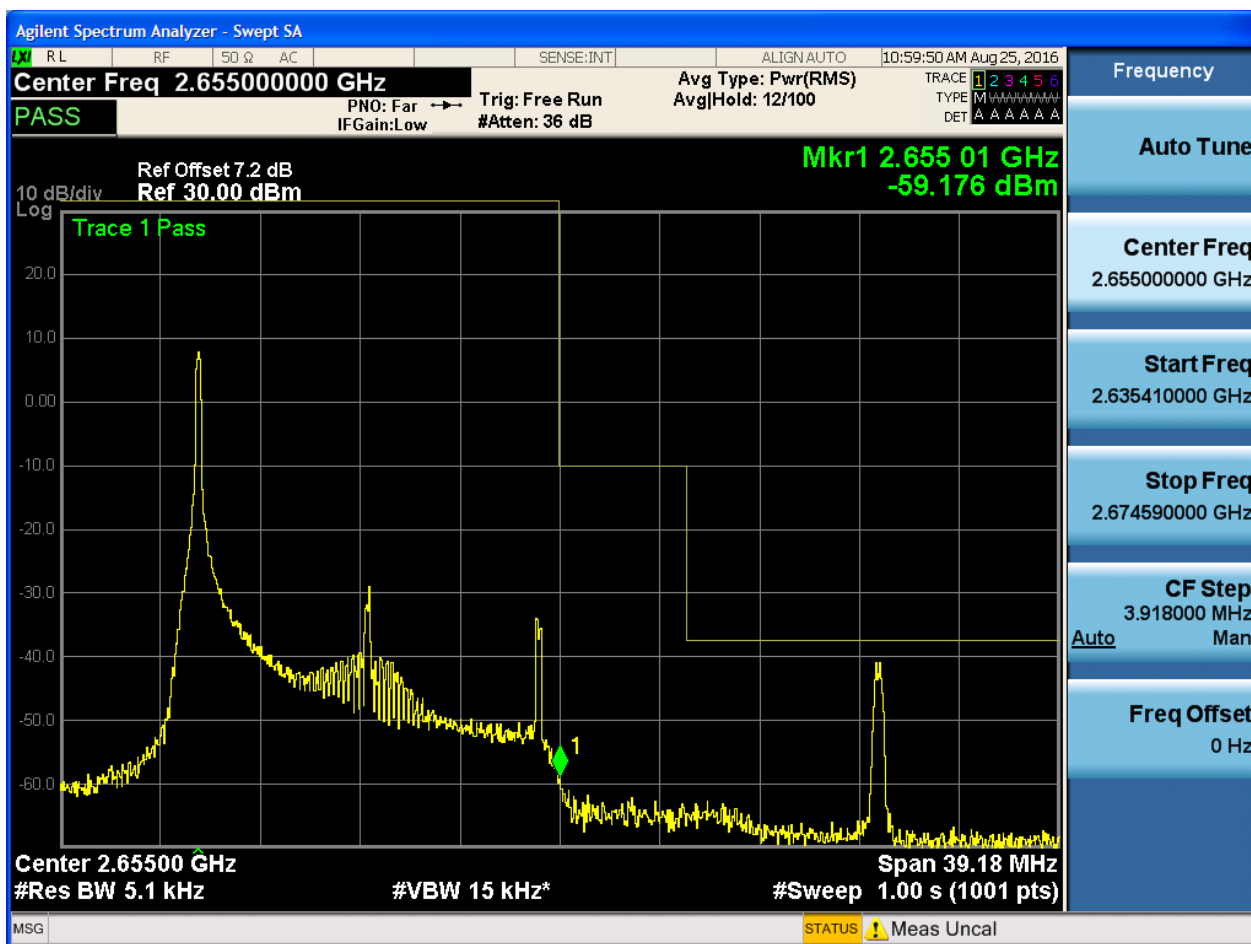
5.1.1.2.3.1.4 Test RB = RB75#0





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





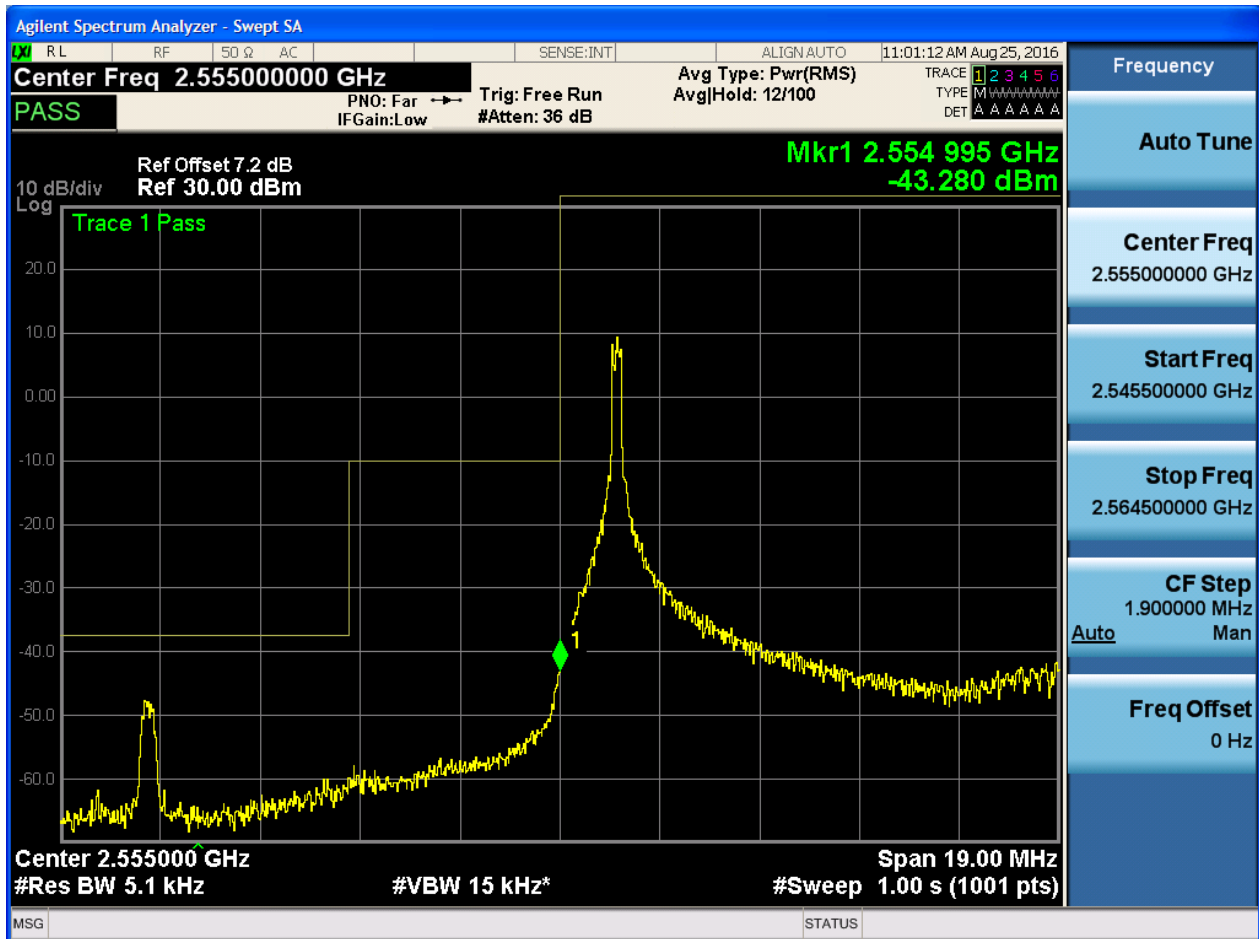
5.1.1.2.3.2.4 Test RB = RB75#0



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





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.55500000 GHz

PASS

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.554 995 GHz
-58.910 dBm

Trace 1 Pass

Center 2.555000 GHz
#Res BW 5.1 kHz

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

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

The image shows a screenshot of an Agilent Spectrum Analyzer in swept SA mode. The main display is a log-frequency plot with a grid. The horizontal axis represents frequency, and the vertical axis represents power in dBm. A yellow trace shows the spectrum, with a prominent peak at 2.554995 GHz, marked with a green diamond and labeled 'Mkr1'. The peak power is -58.910 dBm. The center frequency is set to 2.55500000 GHz, and the reference level is 30.00 dBm. The span is 19.00 MHz, and the resolution bandwidth is 5.1 kHz. The sweep time is 1.00 s. The display also shows various settings like PNO: Far, Trig: Free Run, and #Atten: 36 dB. On the right side, there is a sidebar with controls for Frequency, Auto Tune, Center Freq, Start Freq, Stop Freq, CF Step, and Freq Offset.

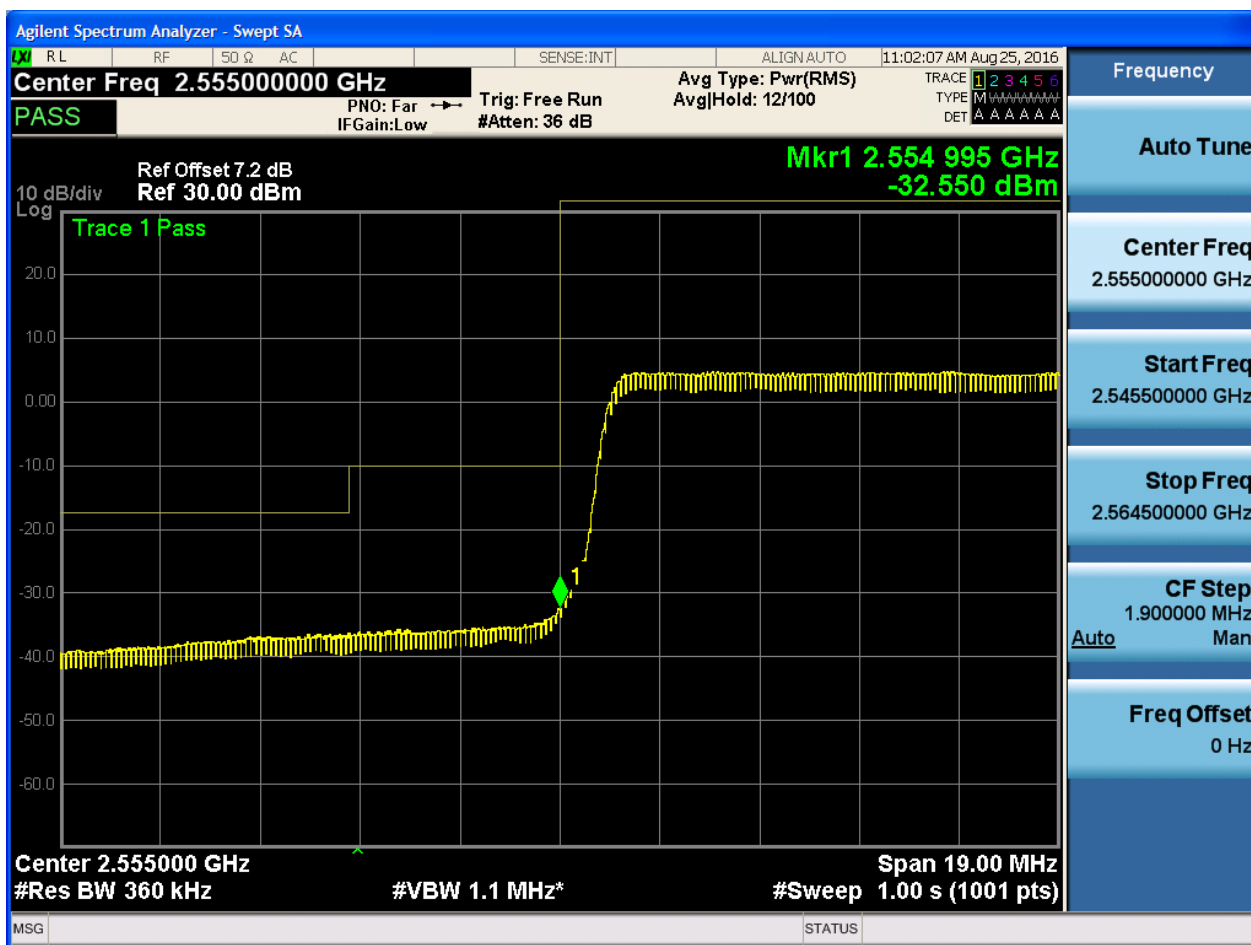


5.1.1.2.4.1.3 Test RB = RB50#25





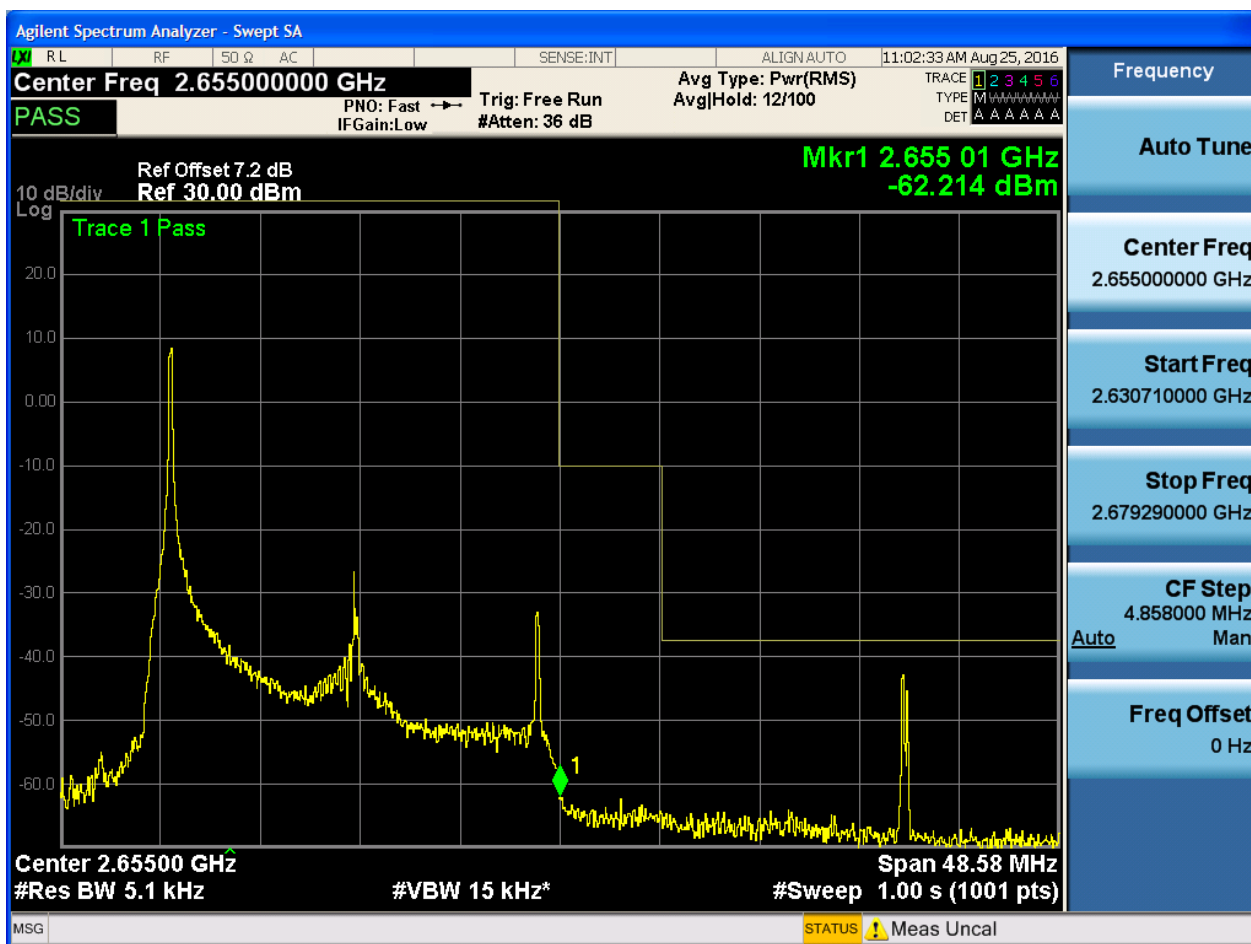
5.1.1.2.4.1.4 Test RB = RB100#0





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

