



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	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	21.04	19.66	33	PASS
				RB1#13	22.07	20.69	33	PASS
				RB1#24	21.48	20.1	33	PASS
				RB12#0	20.68	19.3	33	PASS
				RB12#6	21.38	20	33	PASS
				RB12#13	21.29	19.91	33	PASS
			MCH	RB25#0	21.24	19.86	33	PASS
				RB1#0	22.03	20.65	33	PASS
				RB1#13	22.7	21.32	33	PASS
				RB1#24	22.09	20.71	33	PASS
				RB12#0	21.9	20.52	33	PASS
				RB12#6	22.1	20.72	33	PASS
				RB12#13	21.92	20.54	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.9	20.52	33	PASS
			HCH	RB1#0	21.9	20.52	33	PASS
				RB1#13	22.6	21.22	33	PASS
				RB1#24	21.95	20.57	33	PASS
				RB12#0	21.77	20.39	33	PASS
				RB12#6	21.97	20.59	33	PASS
				RB12#13	21.78	20.4	33	PASS
				RB25#0	21.88	20.5	33	PASS
		10	LCH	RB1#0	21.33	19.95	33	PASS
				RB1#25	22.1	20.72	33	PASS
				RB1#49	22.17	20.79	33	PASS
				RB25#0	21	19.62	33	PASS
				RB25#13	21.27	19.89	33	PASS
				RB25#25	21.25	19.87	33	PASS
				RB50#0	21.05	19.67	33	PASS
			MCH	RB1#0	22.19	20.81	33	PASS
				RB1#25	22.41	21.03	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.26	20.88	33	PASS
				RB25#0	21.35	19.97	33	PASS
				RB25#13	21.6	20.22	33	PASS
				RB25#25	21.43	20.05	33	PASS
				RB50#0	21.48	20.1	33	PASS
			HCH	RB1#0	22.04	20.66	33	PASS
				RB1#25	22.24	20.86	33	PASS
				RB1#49	22.22	20.84	33	PASS
				RB25#0	21.17	19.79	33	PASS
				RB25#13	21.39	20.01	33	PASS
				RB25#25	21.38	20	33	PASS
				RB50#0	21.36	19.98	33	PASS
		15	LCH	RB1#0	21.51	20.13	33	PASS
				RB1#38	22.09	20.71	33	PASS
				RB1#74	21.98	20.6	33	PASS
				RB36#0	21.18	19.8	33	PASS
				RB36#18	21.48	20.1	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB36#39	21.15	19.77	33	PASS
				RB75#0	21.31	19.93	33	PASS
			MCH	RB1#0	22.04	20.66	33	PASS
				RB1#38	22.32	20.94	33	PASS
				RB1#74	22.07	20.69	33	PASS
				RB36#0	21.5	20.12	33	PASS
				RB36#18	21.69	20.31	33	PASS
				RB36#39	21.6	20.22	33	PASS
				RB75#0	21.65	20.27	33	PASS
			HCH	RB1#0	22.23	20.85	33	PASS
				RB1#38	22.05	20.67	33	PASS
				RB1#74	21.99	20.61	33	PASS
				RB36#0	21.33	19.95	33	PASS
				RB36#18	21.4	20.02	33	PASS
				RB36#39	21.49	20.11	33	PASS
				RB75#0	21.57	20.19	33	PASS
		20	LCH	RB1#0	21.36	19.98	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.75	20.37	33	PASS
				RB1#99	21.86	20.48	33	PASS
				RB50#0	20.83	19.45	33	PASS
				RB50#25	20.89	19.51	33	PASS
				RB50#50	20.9	19.52	33	PASS
				RB100#0	21.02	19.64	33	PASS
			MCH	RB1#0	22.01	20.63	33	PASS
				RB1#50	22	20.62	33	PASS
				RB1#99	22.11	20.73	33	PASS
				RB50#0	21.41	20.03	33	PASS
				RB50#25	21.35	19.97	33	PASS
				RB50#50	21.66	20.28	33	PASS
				RB100#0	21.44	20.06	33	PASS
			HCH	RB1#0	22.41	21.03	33	PASS
				RB1#50	21.96	20.58	33	PASS
				RB1#99	22.13	20.75	33	PASS
				RB50#0	21.46	20.08	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.28	19.9	33	PASS
				RB50#50	21.59	20.21	33	PASS
				RB100#0	21.4	20.02	33	PASS
	LTE/TM2	5	LCH	RB1#0	20.77	19.39	33	PASS
				RB1#13	21.82	20.44	33	PASS
				RB1#24	21.27	19.89	33	PASS
				RB12#0	20.79	19.41	33	PASS
				RB12#6	21.29	19.91	33	PASS
				RB12#13	21.34	19.96	33	PASS
				RB25#0	21.22	19.84	33	PASS
			MCH	RB1#0	21.73	20.35	33	PASS
				RB1#13	22.42	21.04	33	PASS
				RB1#24	21.85	20.47	33	PASS
				RB12#0	21.85	20.47	33	PASS
				RB12#6	22.06	20.68	33	PASS
				RB12#13	21.89	20.51	33	PASS
				RB25#0	21.85	20.47	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.71	20.33	33	PASS
				RB1#13	22.37	20.99	33	PASS
				RB1#24	21.75	20.37	33	PASS
				RB12#0	21.75	20.37	33	PASS
				RB12#6	21.95	20.57	33	PASS
				RB12#13	21.77	20.39	33	PASS
				RB25#0	21.86	20.48	33	PASS
		10	LCH	RB1#0	21.25	19.87	33	PASS
				RB1#25	22.02	20.64	33	PASS
				RB1#49	22.12	20.74	33	PASS
				RB25#0	21	19.62	33	PASS
				RB25#13	21.28	19.9	33	PASS
				RB25#25	21.29	19.91	33	PASS
				RB50#0	21.06	19.68	33	PASS
			MCH	RB1#0	21.92	20.54	33	PASS
				RB1#25	22.34	20.96	33	PASS
				RB1#49	22.23	20.85	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.55	20.17	33	PASS
				RB25#13	21.6	20.22	33	PASS
				RB25#25	21.45	20.07	33	PASS
				RB50#0	21.47	20.09	33	PASS
			HCH	RB1#0	21.8	20.42	33	PASS
				RB1#25	22.18	20.8	33	PASS
				RB1#49	22.16	20.78	33	PASS
				RB25#0	21.37	19.99	33	PASS
				RB25#13	21.41	20.03	33	PASS
				RB25#25	21.42	20.04	33	PASS
				RB50#0	21.4	20.02	33	PASS
		15	LCH	RB1#0	21.25	19.87	33	PASS
				RB1#38	21.87	20.49	33	PASS
				RB1#74	21.6	20.22	33	PASS
				RB36#0	21.24	19.86	33	PASS
				RB36#18	21.56	20.18	33	PASS
				RB36#39	21.45	20.07	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.37	19.99	33	PASS
			MCH	RB1#0	21.8	20.42	33	PASS
				RB1#38	22.07	20.69	33	PASS
				RB1#74	21.82	20.44	33	PASS
				RB36#0	21.74	20.36	33	PASS
				RB36#18	21.74	20.36	33	PASS
				RB36#39	21.67	20.29	33	PASS
				RB75#0	21.7	20.32	33	PASS
			HCH	RB1#0	21.72	20.34	33	PASS
				RB1#38	21.75	20.37	33	PASS
				RB1#74	21.67	20.29	33	PASS
				RB36#0	21.39	20.01	33	PASS
				RB36#18	21.63	20.25	33	PASS
				RB36#39	21.55	20.17	33	PASS
				RB75#0	21.62	20.24	33	PASS
		20	LCH	RB1#0	21.16	19.78	33	PASS
				RB1#50	21.83	20.45	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#99	21.73	20.35	33	PASS
				RB50#0	21.12	19.74	33	PASS
				RB50#25	20.98	19.6	33	PASS
				RB50#50	21.13	19.75	33	PASS
				RB100#0	21.09	19.71	33	PASS
			MCH	RB1#0	21.83	20.45	33	PASS
				RB1#50	22.05	20.67	33	PASS
				RB1#99	22.21	20.83	33	PASS
				RB50#0	21.44	20.06	33	PASS
				RB50#25	21.2	19.82	33	PASS
				RB50#50	21.53	20.15	33	PASS
				RB100#0	21.3	19.92	33	PASS
			HCH	RB1#0	22.09	20.71	33	PASS
				RB1#50	21.65	20.27	33	PASS
				RB1#99	22.06	20.68	33	PASS
				RB50#0	21.31	19.93	33	PASS
				RB50#25	21.11	19.73	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#50	21.42	20.04	33	PASS
				RB100#0	21.25	19.87	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: RBW > emission bandwidth, VBW > 3 x RBW.

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
BAND7	LTE/TM1	5	LCH	RB1#0	3.36	13	PASS
				RB1#13	3.09	13	PASS
				RB1#24	3.22	13	PASS
				RB12#0	4.39	13	PASS
				RB12#6	3.83	13	PASS
				RB12#13	4.72	13	PASS
				RB25#0	5.11	13	PASS
			MCH	RB1#0	3.79	13	PASS
				RB1#13	3.36	13	PASS
				RB1#24	3.51	13	PASS
				RB12#0	4.83	13	PASS
				RB12#6	4.65	13	PASS
				RB12#13	4.87	13	PASS
				RB25#0	5.24	13	PASS
			HCH	RB1#0	4.02	13	PASS
				RB1#13	3.79	13	PASS
				RB1#24	4.09	13	PASS
				RB12#0	5.12	13	PASS
				RB12#6	5.02	13	PASS
				RB12#13	5.42	13	PASS
				RB25#0	5.51	13	PASS
		10	LCH	RB1#0	3.05	13	PASS
				RB1#25	3.33	13	PASS
				RB1#49	4.03	13	PASS
				RB25#0	5.12	13	PASS
				RB25#13	4.93	13	PASS
				RB25#25	5.54	13	PASS
				RB50#0	5.29	13	PASS
			MCH	RB1#0	3.54	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	3.39	13	PASS
				RB1#49	3.95	13	PASS
				RB25#0	4.98	13	PASS
				RB25#13	4.75	13	PASS
				RB25#25	5.19	13	PASS
				RB50#0	5.66	13	PASS
			HCH	RB1#0	3.87	13	PASS
				RB1#25	3.62	13	PASS
				RB1#49	4.49	13	PASS
				RB25#0	5.14	13	PASS
				RB25#13	4.93	13	PASS
				RB25#25	5.5	13	PASS
				RB50#0	5.56	13	PASS
		15	LCH	RB1#0	3.35	13	PASS
				RB1#38	4.02	13	PASS
				RB1#74	3.96	13	PASS
				RB36#0	5.18	13	PASS
				RB36#18	4.92	13	PASS
				RB36#39	4.71	13	PASS
				RB75#0	5.94	13	PASS
			MCH	RB1#0	3.2	13	PASS
				RB1#38	3.48	13	PASS
				RB1#74	3.96	13	PASS
				RB36#0	4.88	13	PASS
				RB36#18	4.82	13	PASS
				RB36#39	5.22	13	PASS
				RB75#0	5.59	13	PASS
			HCH	RB1#0	3.9	13	PASS
				RB1#38	3.41	13	PASS
				RB1#74	4.2	13	PASS
				RB36#0	5.27	13	PASS
				RB36#18	4.84	13	PASS
				RB36#39	5.34	13	PASS
				RB75#0	5.74	13	PASS
		20	LCH	RB1#0	2.97	13	PASS
				RB1#50	3.74	13	PASS
				RB1#99	3.29	13	PASS
				RB50#0	4.34	13	PASS
				RB50#25	5.62	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#50	5.35	13	PASS
				RB100#0	6.11	13	PASS
			MCH	RB1#0	3.29	13	PASS
				RB1#50	3.66	13	PASS
				RB1#99	4.3	13	PASS
				RB50#0	4.92	13	PASS
				RB50#25	5.06	13	PASS
				RB50#50	5.55	13	PASS
				RB100#0	5.51	13	PASS
			HCH	RB1#0	4.32	13	PASS
				RB1#50	3.75	13	PASS
				RB1#99	4.36	13	PASS
				RB50#0	5.6	13	PASS
				RB50#25	5.17	13	PASS
				RB50#50	5.22	13	PASS
				RB100#0	5.67	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.01	13	PASS
				RB1#13	3.93	13	PASS
				RB1#24	4.07	13	PASS
				RB12#0	4.66	13	PASS
				RB12#6	4.48	13	PASS
				RB12#13	4.87	13	PASS
				RB25#0	5.44	13	PASS
			MCH	RB1#0	4.33	13	PASS
				RB1#13	4.03	13	PASS
				RB1#24	4.26	13	PASS
				RB12#0	4.74	13	PASS
				RB12#6	4.49	13	PASS
				RB12#13	4.85	13	PASS
				RB25#0	5.4	13	PASS
			HCH	RB1#0	4.69	13	PASS
				RB1#13	4.45	13	PASS
				RB1#24	4.86	13	PASS
				RB12#0	5.08	13	PASS
				RB12#6	4.91	13	PASS
				RB12#13	5.44	13	PASS
				RB25#0	5.8	13	PASS
		10	LCH	RB1#0	3.89	13	PASS
				RB1#25	3.67	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.22	13	PASS
				RB25#0	5.06	13	PASS
				RB25#13	4.99	13	PASS
				RB25#25	5.56	13	PASS
				RB50#0	5.97	13	PASS
			MCH	RB1#0	4.07	13	PASS
				RB1#25	3.93	13	PASS
				RB1#49	4.48	13	PASS
				RB25#0	5.07	13	PASS
				RB25#13	4.74	13	PASS
				RB25#25	5.27	13	PASS
				RB50#0	5.64	13	PASS
			HCH	RB1#0	4.27	13	PASS
				RB1#25	4	13	PASS
				RB1#49	4.89	13	PASS
				RB25#0	5.21	13	PASS
				RB25#13	4.95	13	PASS
				RB25#25	5.51	13	PASS
				RB50#0	5.86	13	PASS
		15	LCH	RB1#0	3.42	13	PASS
				RB1#38	3.97	13	PASS
				RB1#74	4.12	13	PASS
				RB36#0	5.06	13	PASS
				RB36#18	4.9	13	PASS
				RB36#39	4.82	13	PASS
				RB75#0	6.09	13	PASS
			MCH	RB1#0	3.86	13	PASS
				RB1#38	4.02	13	PASS
				RB1#74	4.53	13	PASS
				RB36#0	4.95	13	PASS
				RB36#18	4.72	13	PASS
				RB36#39	5.23	13	PASS
				RB75#0	5.96	13	PASS
			HCH	RB1#0	4.43	13	PASS
				RB1#38	3.9	13	PASS
				RB1#74	4.59	13	PASS
				RB36#0	4.9	13	PASS
				RB36#18	4.74	13	PASS
				RB36#39	5.22	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	5.96	13	PASS
		20	LCH	RB1#0	3.89	13	PASS
				RB1#50	4.51	13	PASS
				RB1#99	3.46	13	PASS
				RB50#0	4.34	13	PASS
				RB50#25	5.4	13	PASS
				RB50#50	5.61	13	PASS
				RB100#0	6.03	13	PASS
			MCH	RB1#0	3.82	13	PASS
				RB1#50	4.1	13	PASS
				RB1#99	4.88	13	PASS
				RB50#0	4.95	13	PASS
				RB50#25	4.95	13	PASS
				RB50#50	5.57	13	PASS
				RB100#0	5.84	13	PASS
			HCH	RB1#0	4.32	13	PASS
				RB1#50	3.85	13	PASS
				RB1#99	4.57	13	PASS
				RB50#0	5.37	13	PASS
				RB50#25	4.83	13	PASS
				RB50#50	5.03	13	PASS
				RB100#0	3.36	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

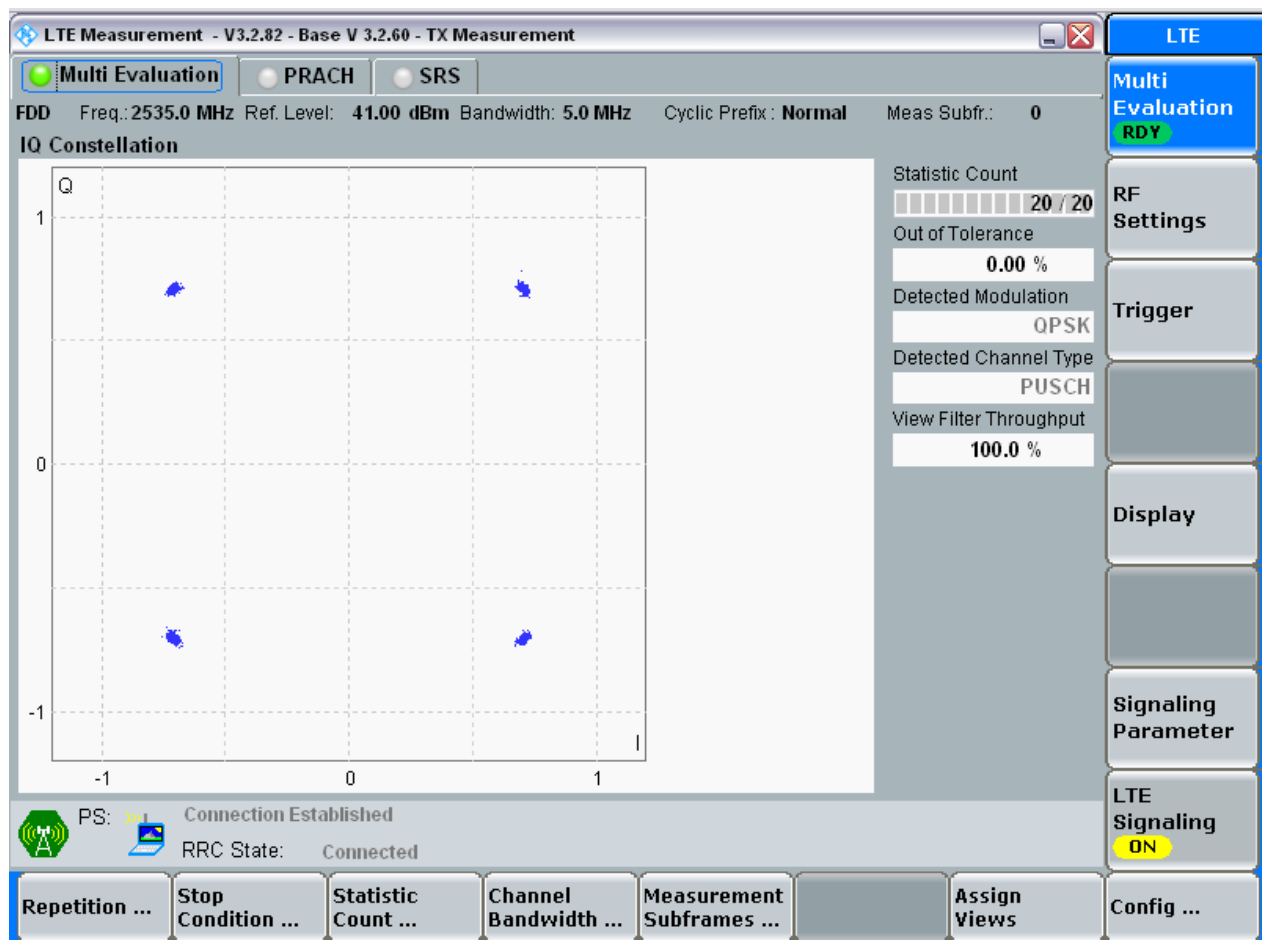
3.1.1 Test Band = BAND7

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

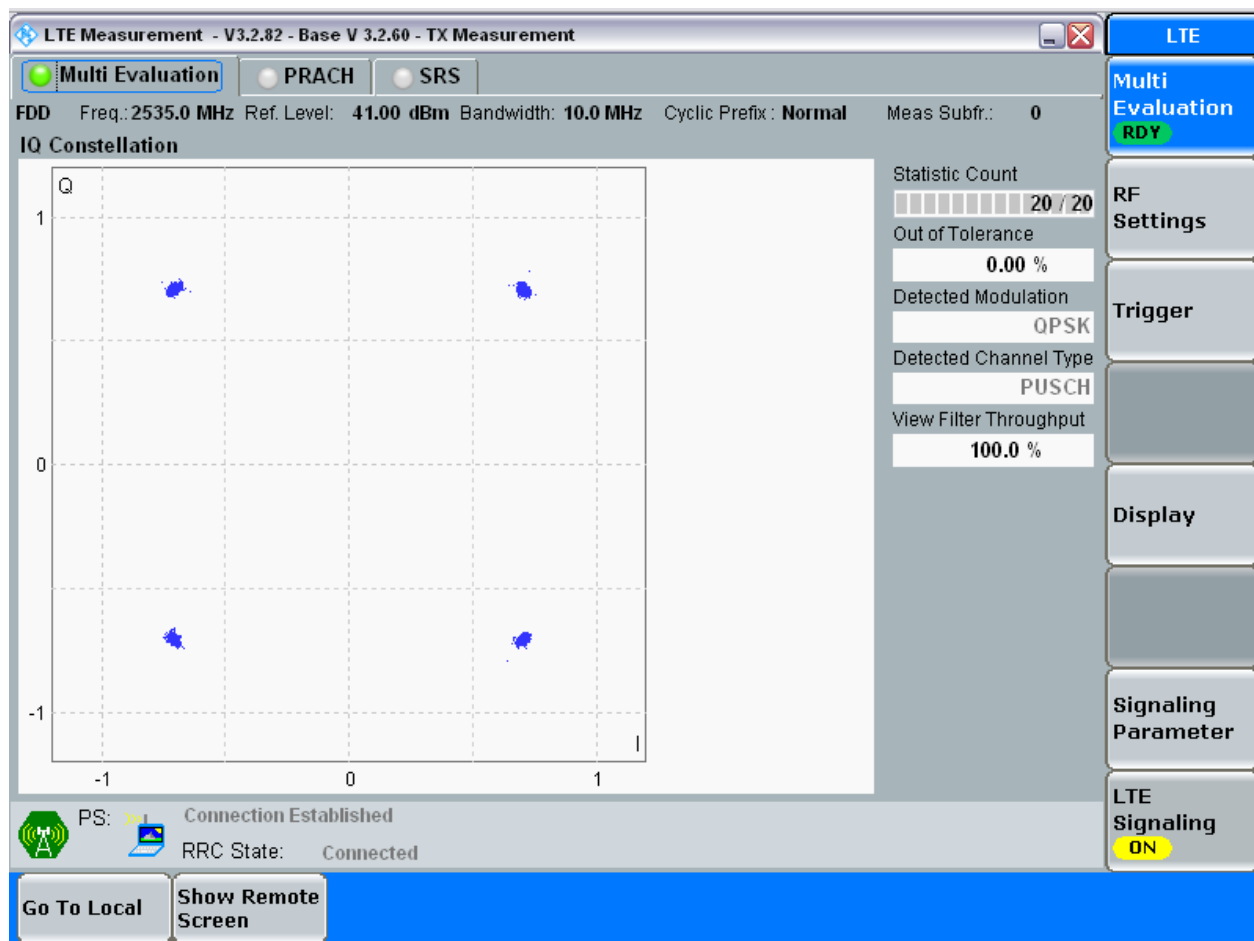
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

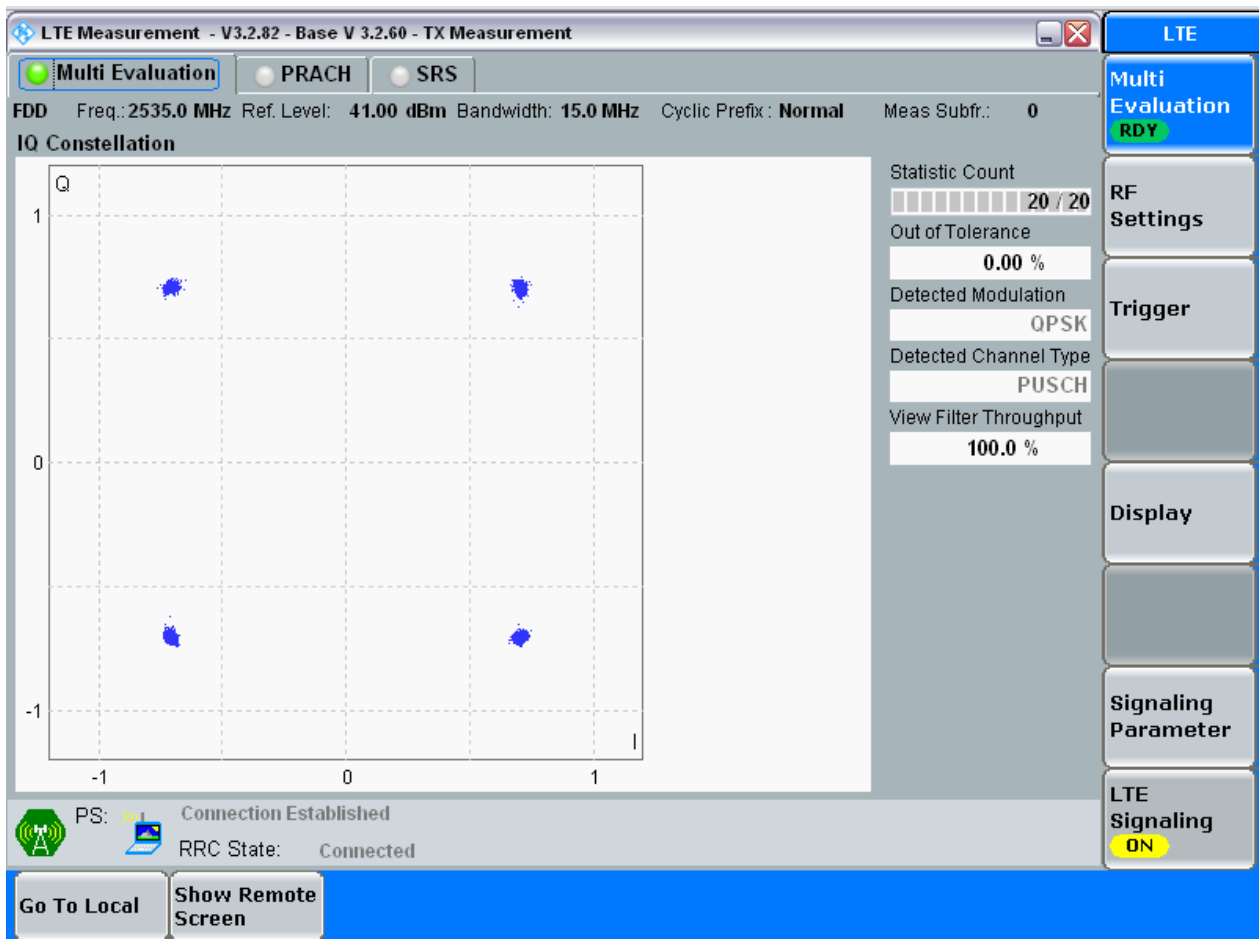
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

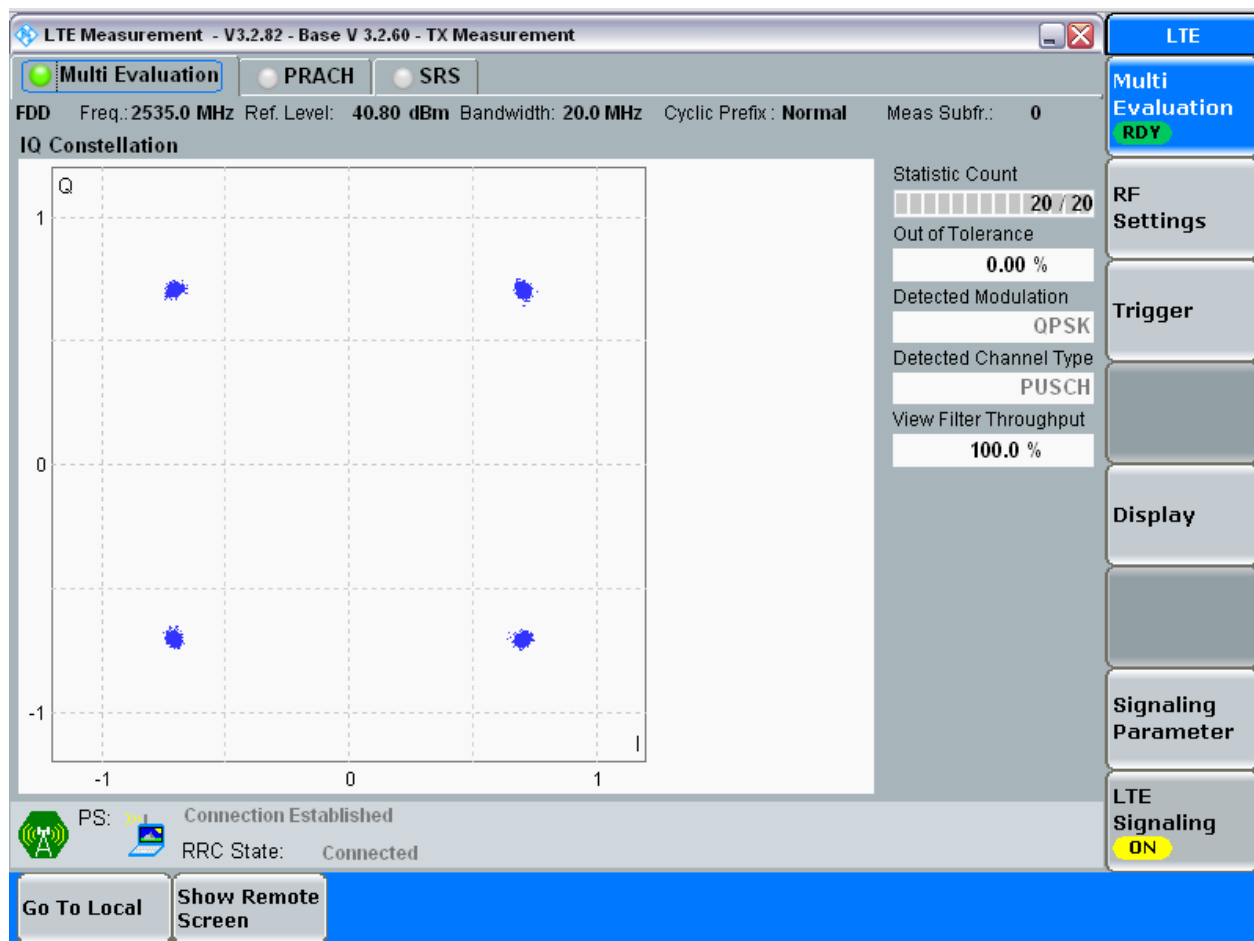
3.1.1.1.3.1.1 Test RB = RB75#0



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

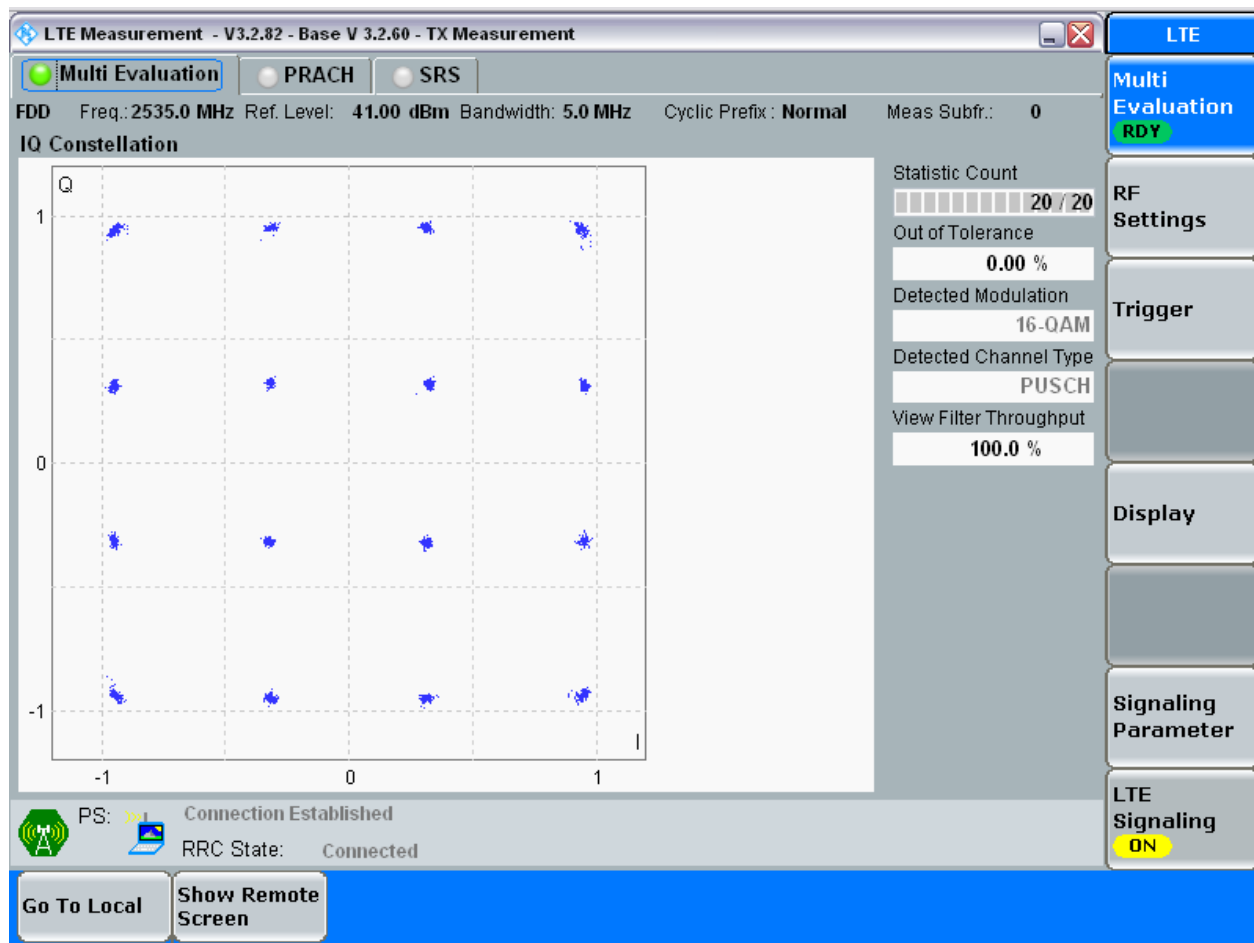


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

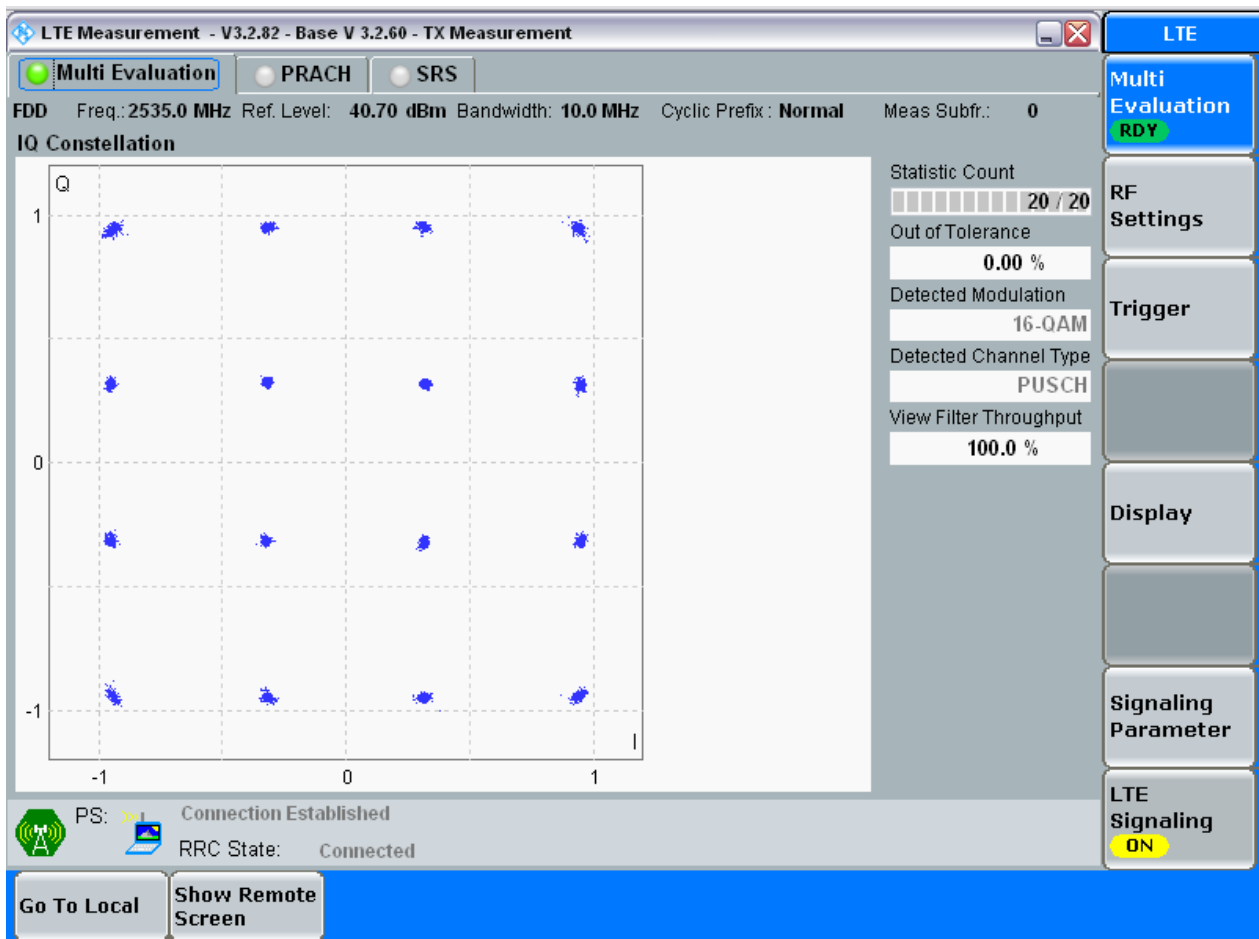
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

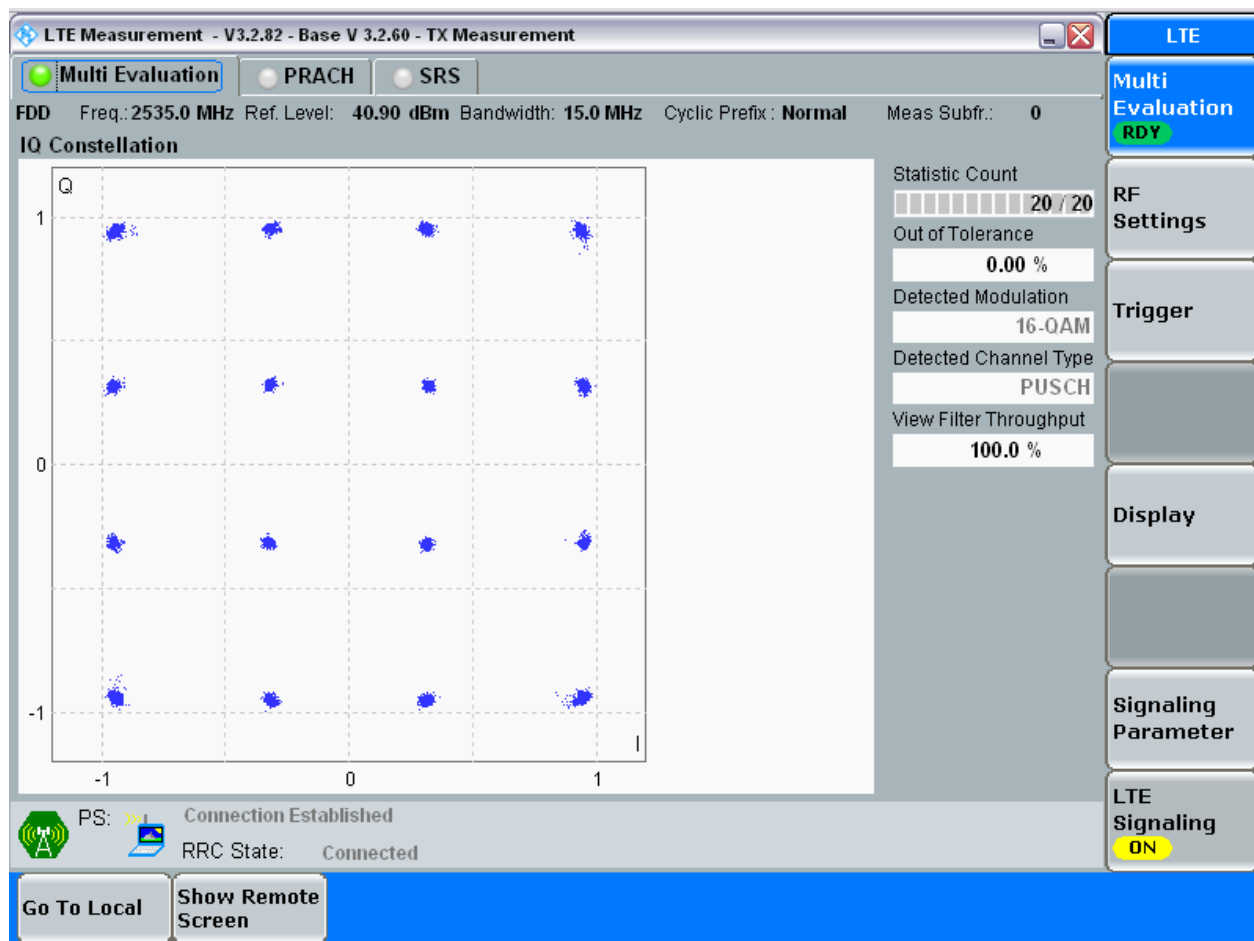
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

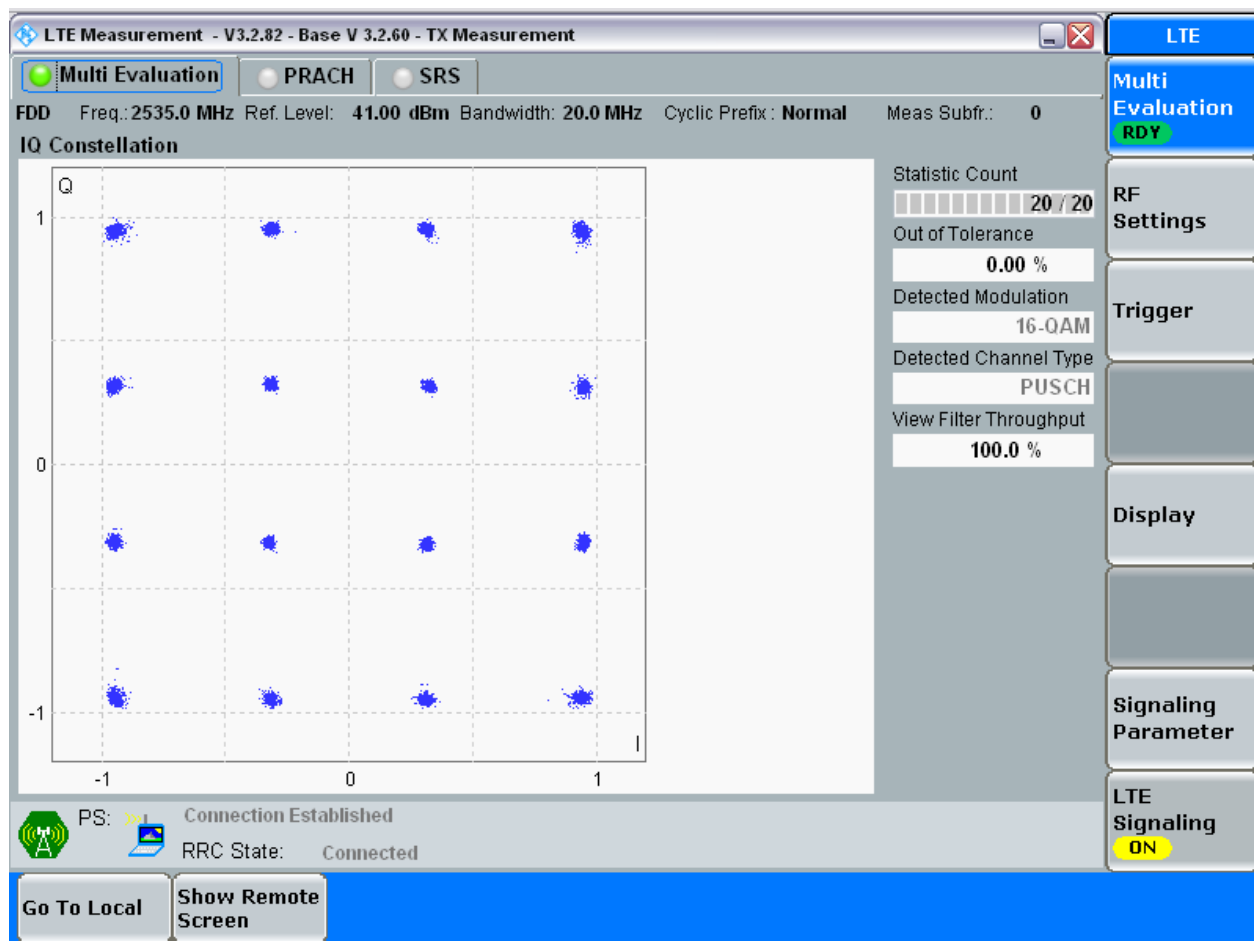
3.1.1.2.3.1.1 Test RB = RB75#0



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
BAND7	LTE/TM1	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.83	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	9.01	9.74	Pass
			MCH	RB50#0	9.00	9.65	Pass
			HCH	RB50#0	9.01	9.63	Pass
		15	LCH	RB75#0	13.52	14.44	Pass
			MCH	RB75#0	13.50	14.44	Pass
			HCH	RB75#0	13.49	14.47	Pass
		20	LCH	RB100#0	18.00	19.05	Pass
			MCH	RB100#0	18.01	19.08	Pass
			HCH	RB100#0	17.99	19.10	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.49	4.87	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	9.01	9.73	Pass
			MCH	RB50#0	9.01	9.74	Pass
			HCH	RB50#0	9.02	9.75	Pass
		15	LCH	RB75#0	13.51	14.57	Pass
			MCH	RB75#0	13.51	14.44	Pass
			HCH	RB75#0	13.49	14.40	Pass
		20	LCH	RB100#0	17.98	19.13	Pass
			MCH	RB100#0	18.01	19.12	Pass
			HCH	RB100#0	17.98	19.07	Pass



Part II - Test Plots

4.1 For LTE

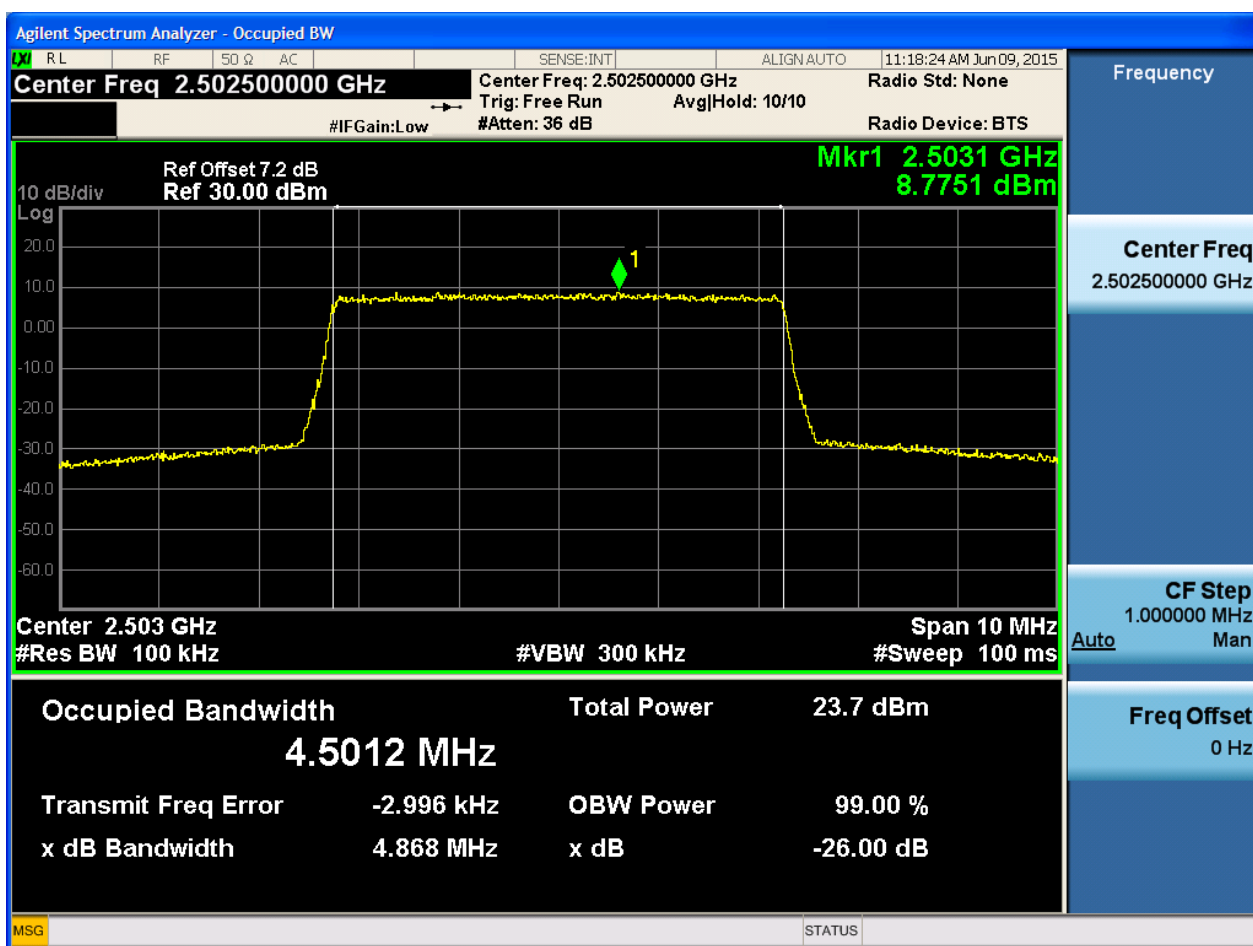
4.1.1 Test Band = BAND7

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

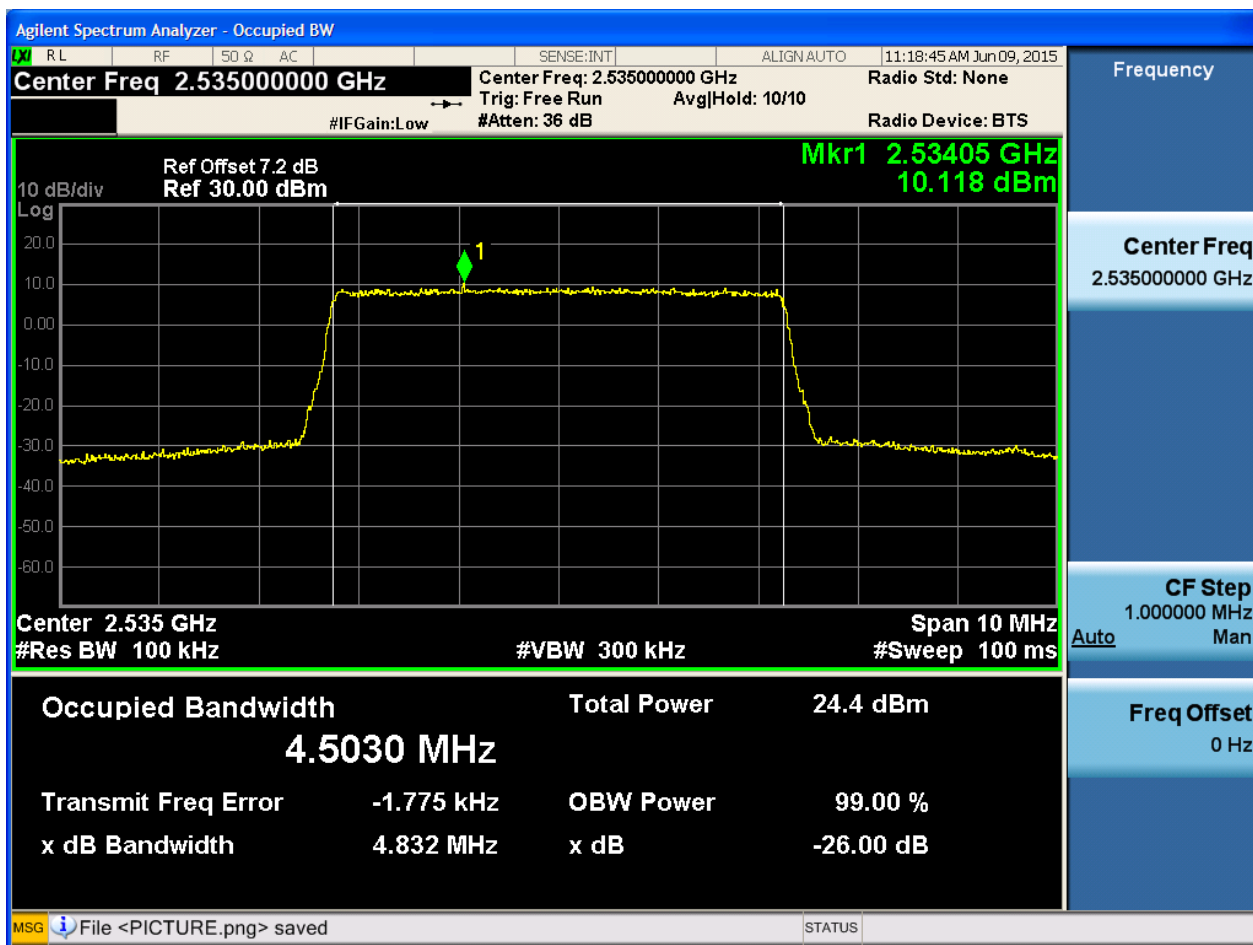
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



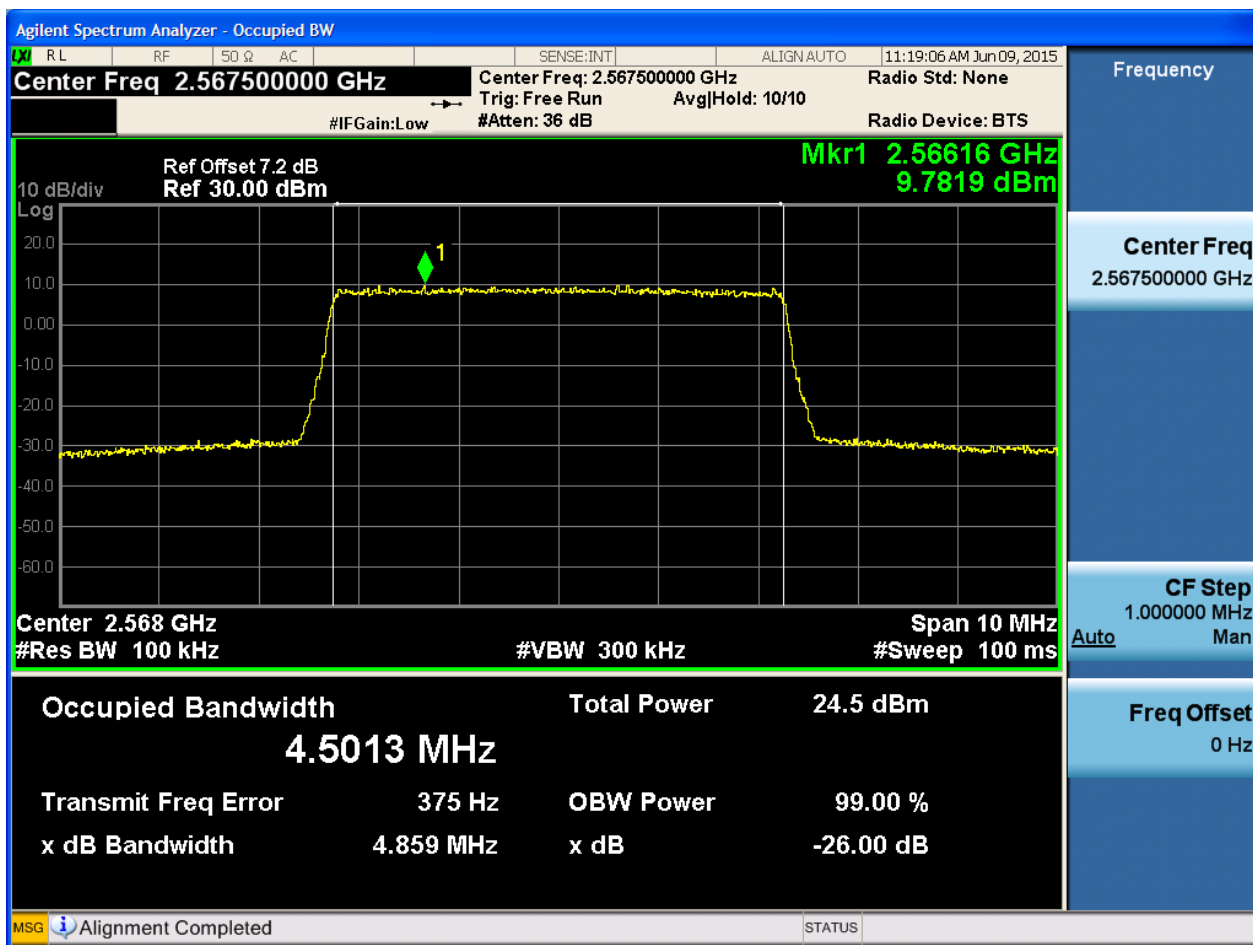
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

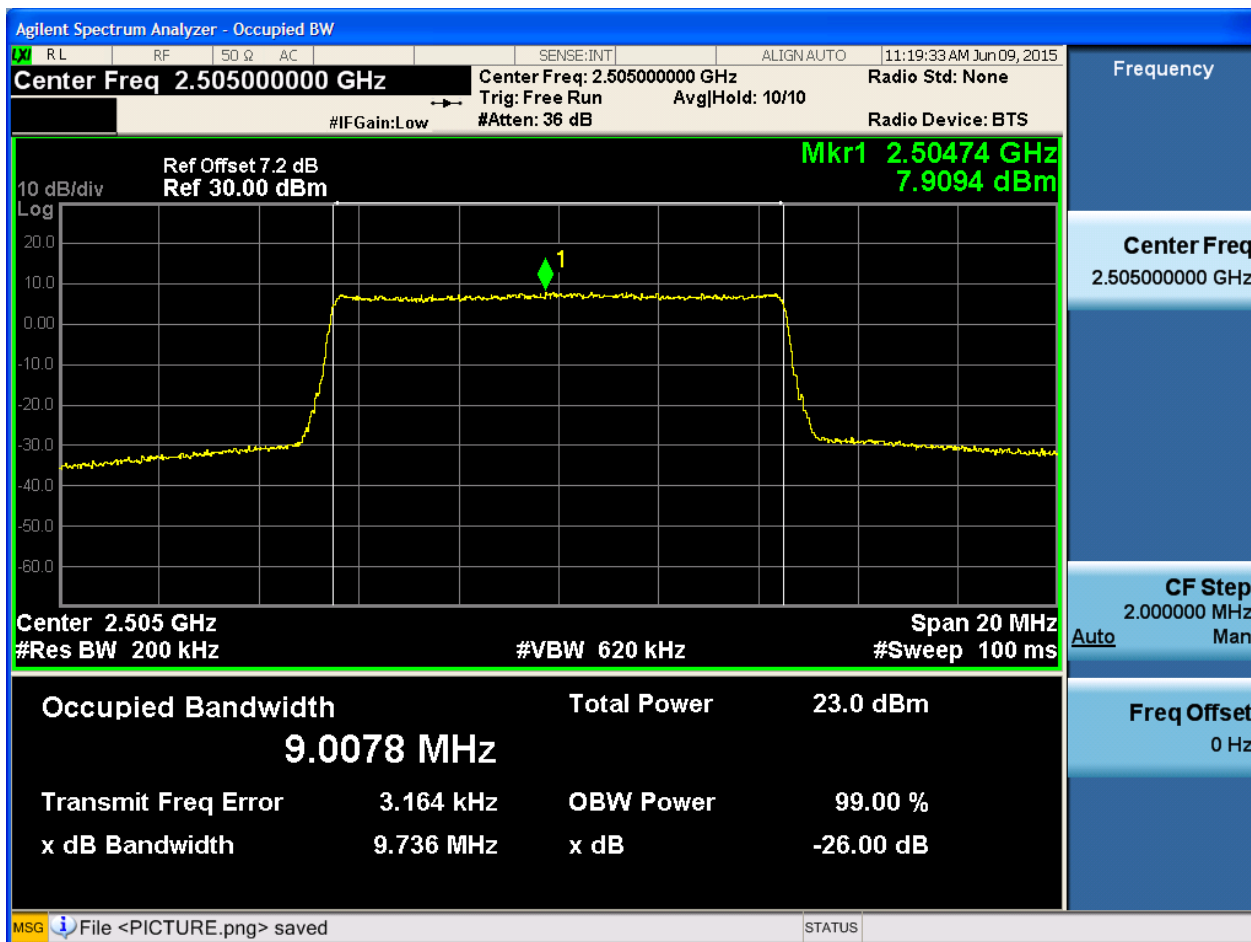
4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

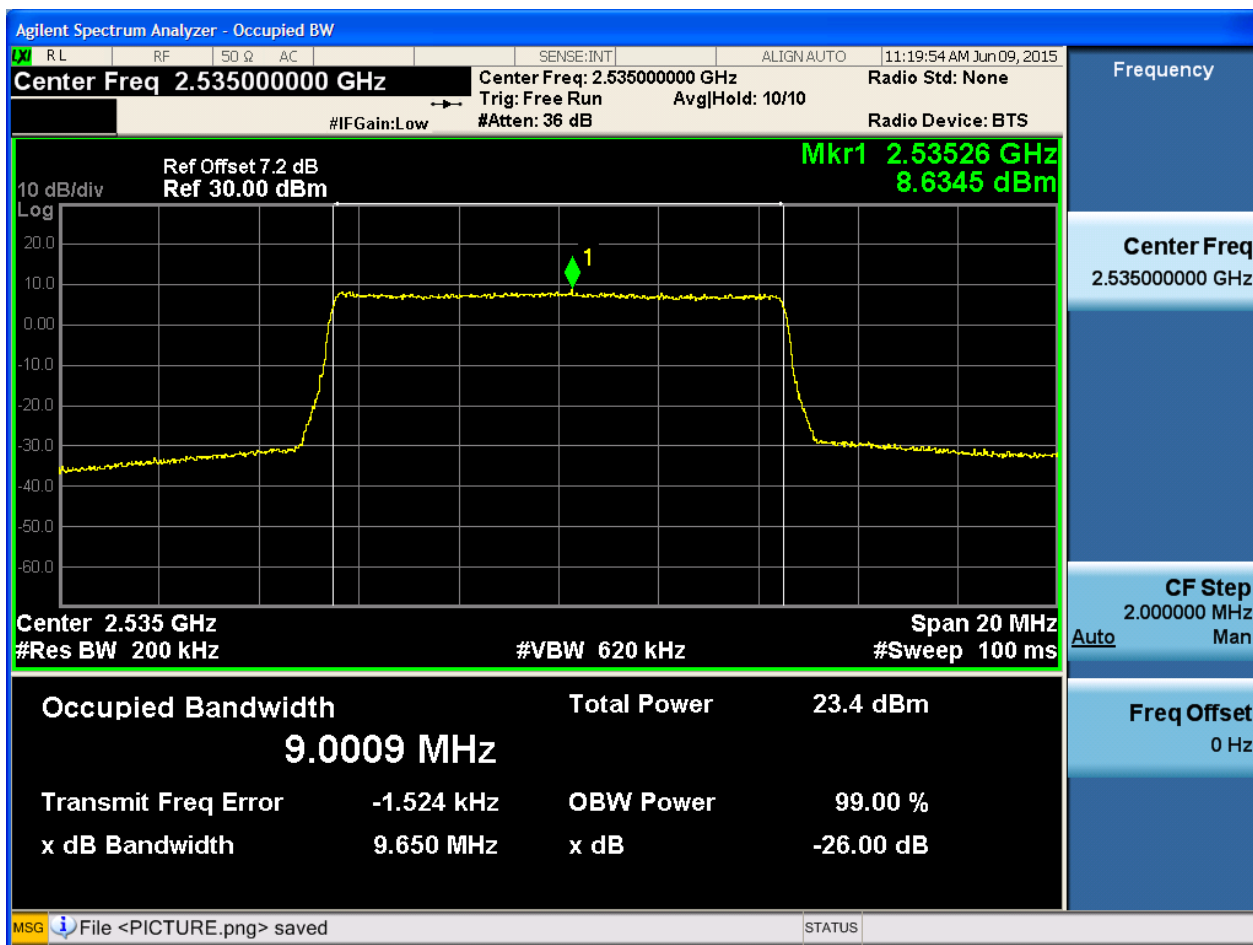
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

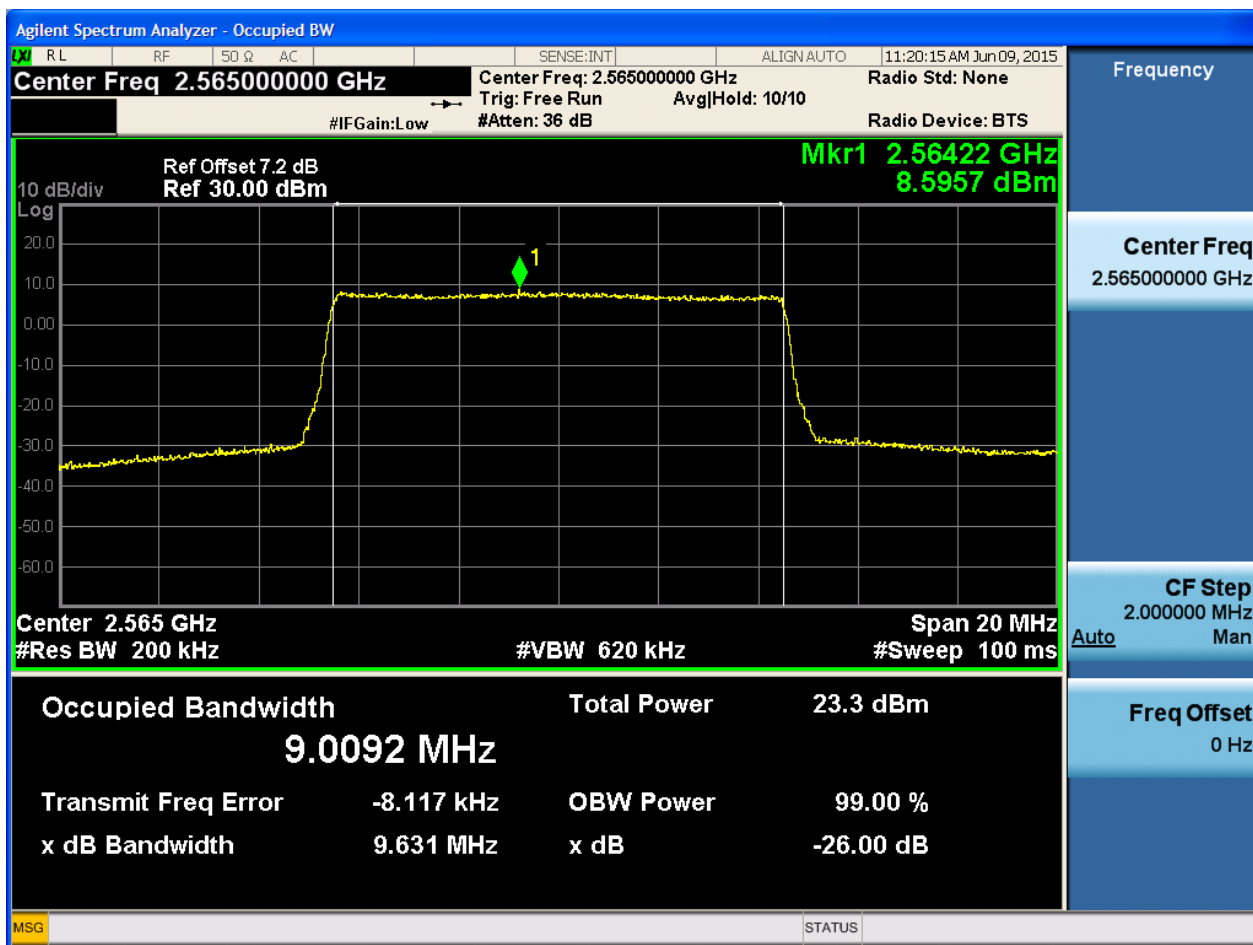
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

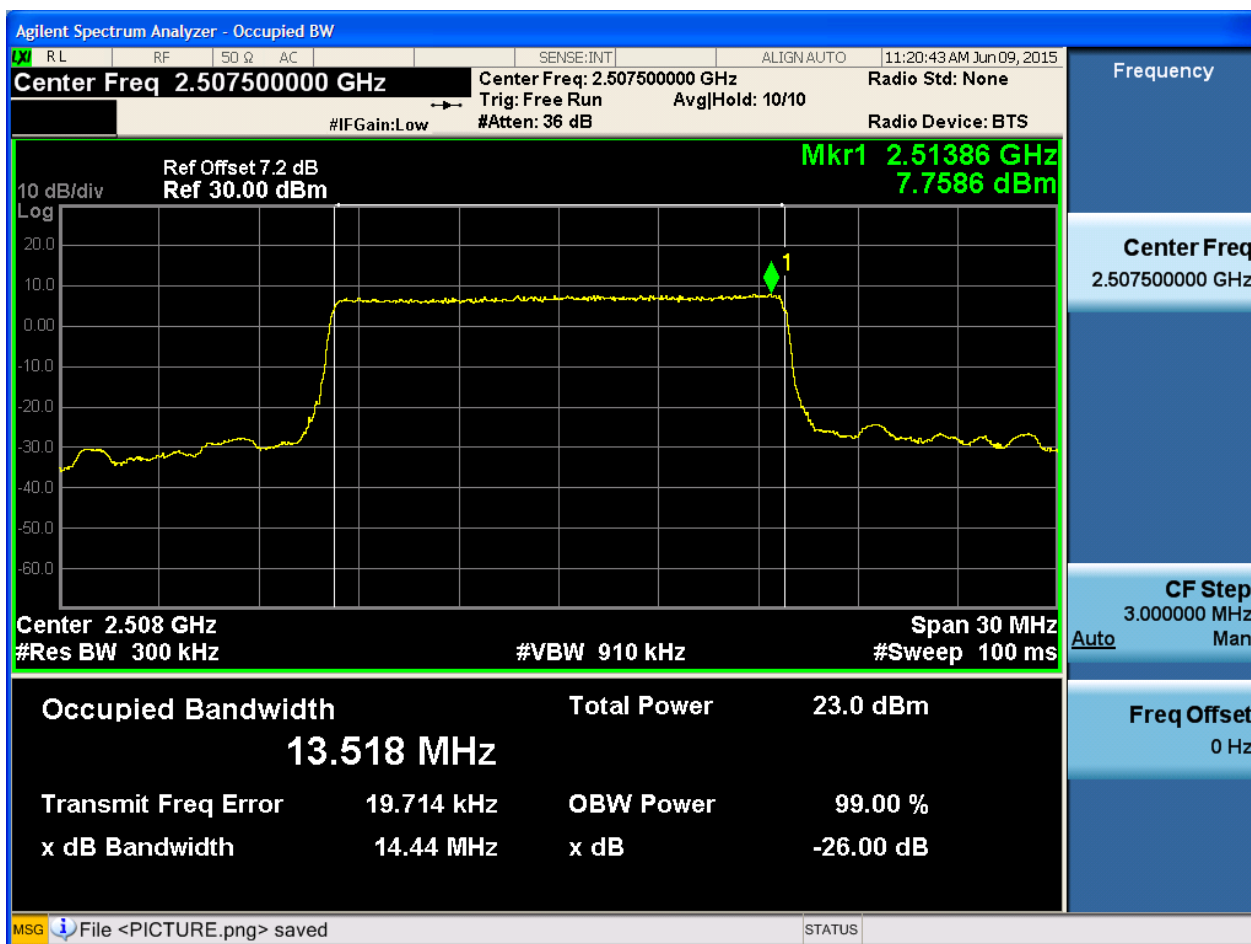




4.1.1.1.3 Test Bandwidth = 15

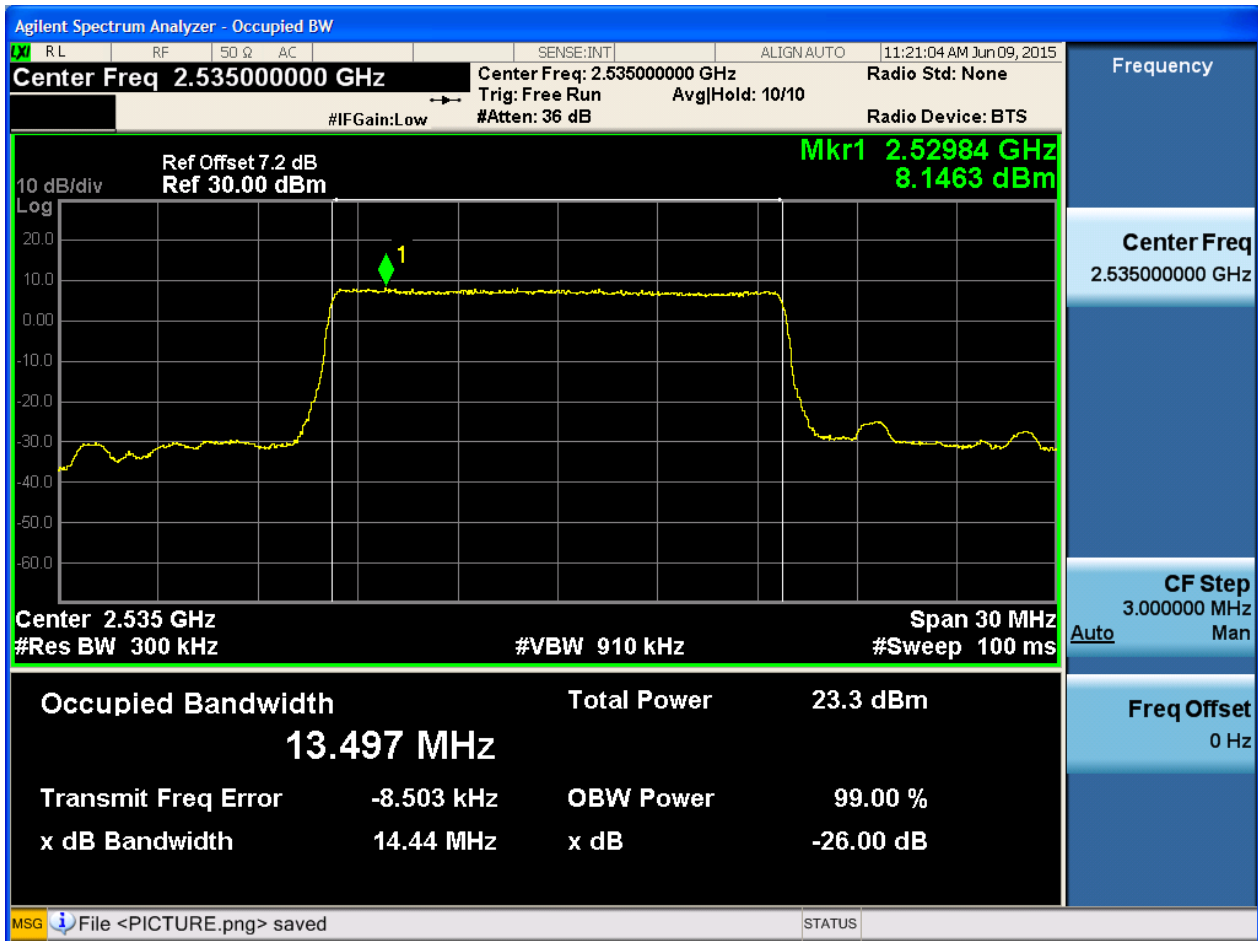
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



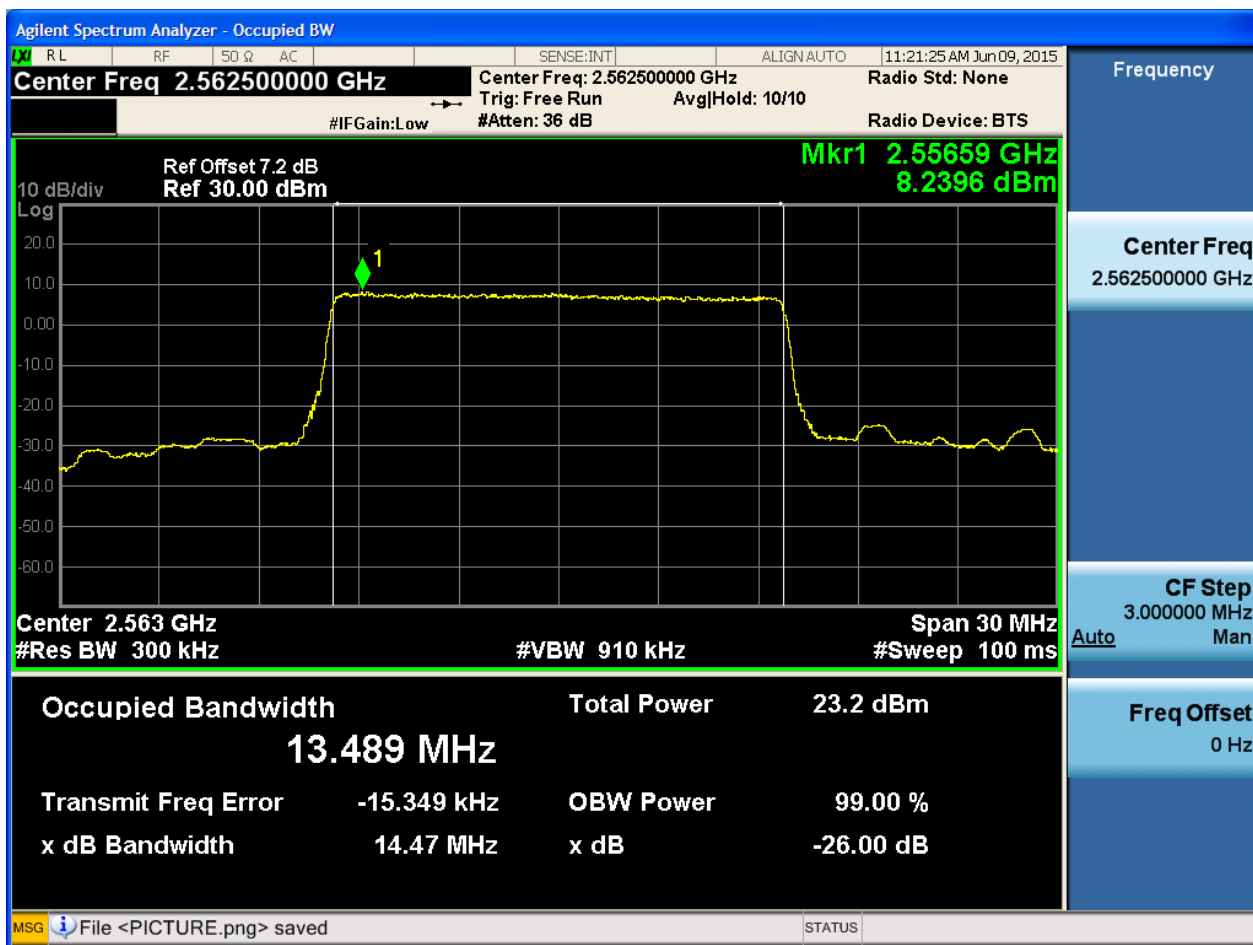
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB75#0



4.1.1.1.3.3 Test Channel = HCH

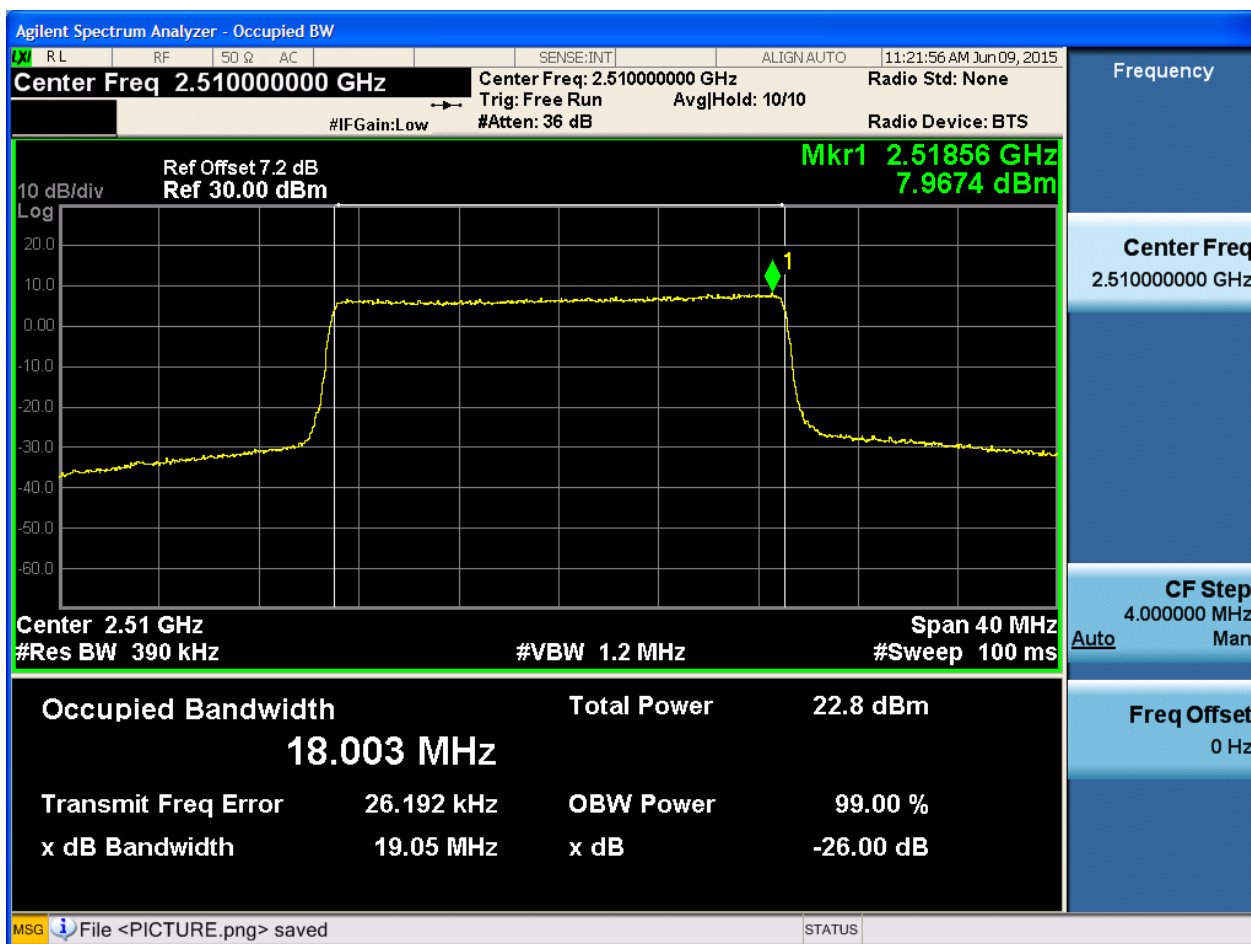
4.1.1.1.3.3.1 Test RB = RB75#0



4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

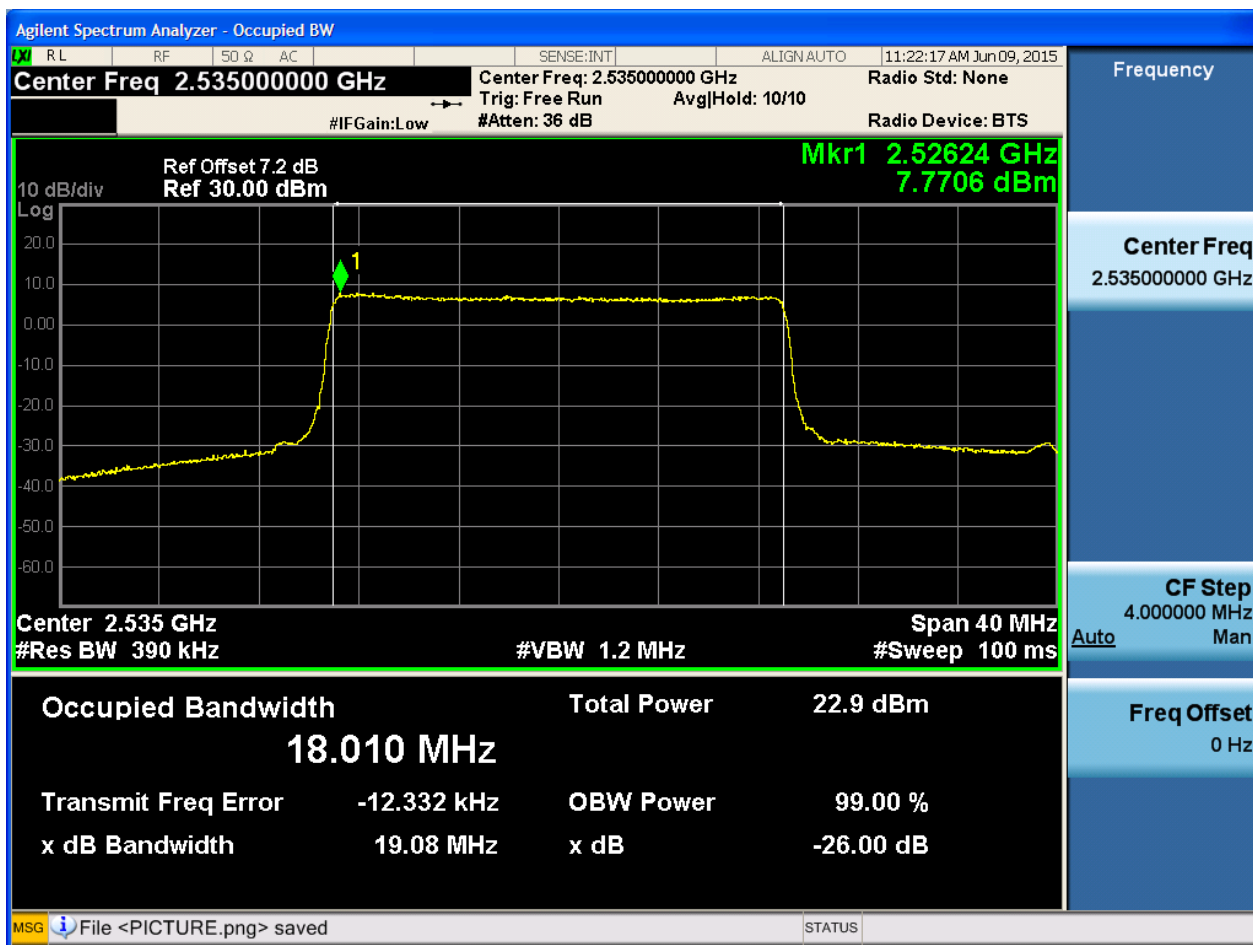
4.1.1.1.4.1.1 Test RB = RB100#0





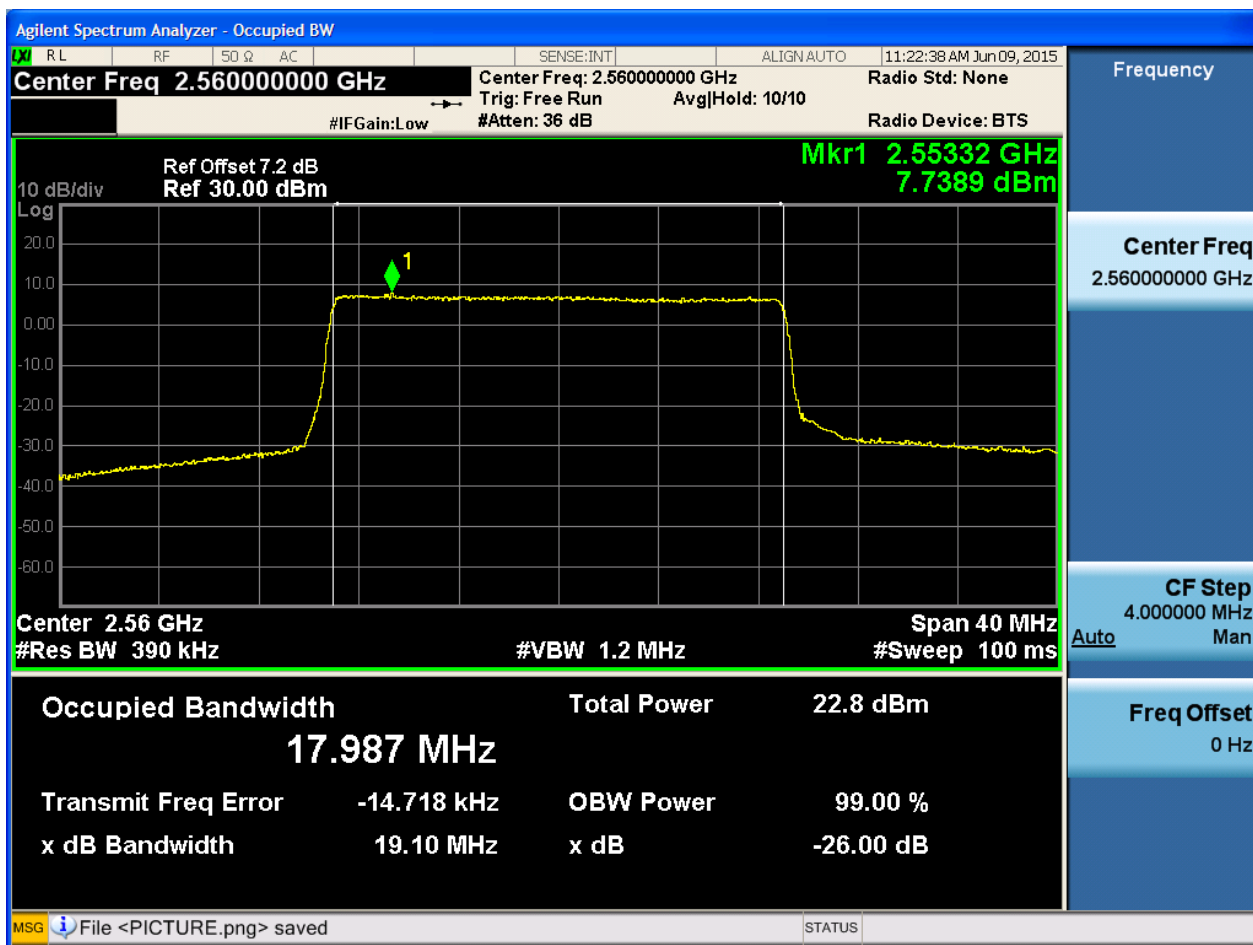
4.1.1.1.4.2 Test Channel = MCH

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



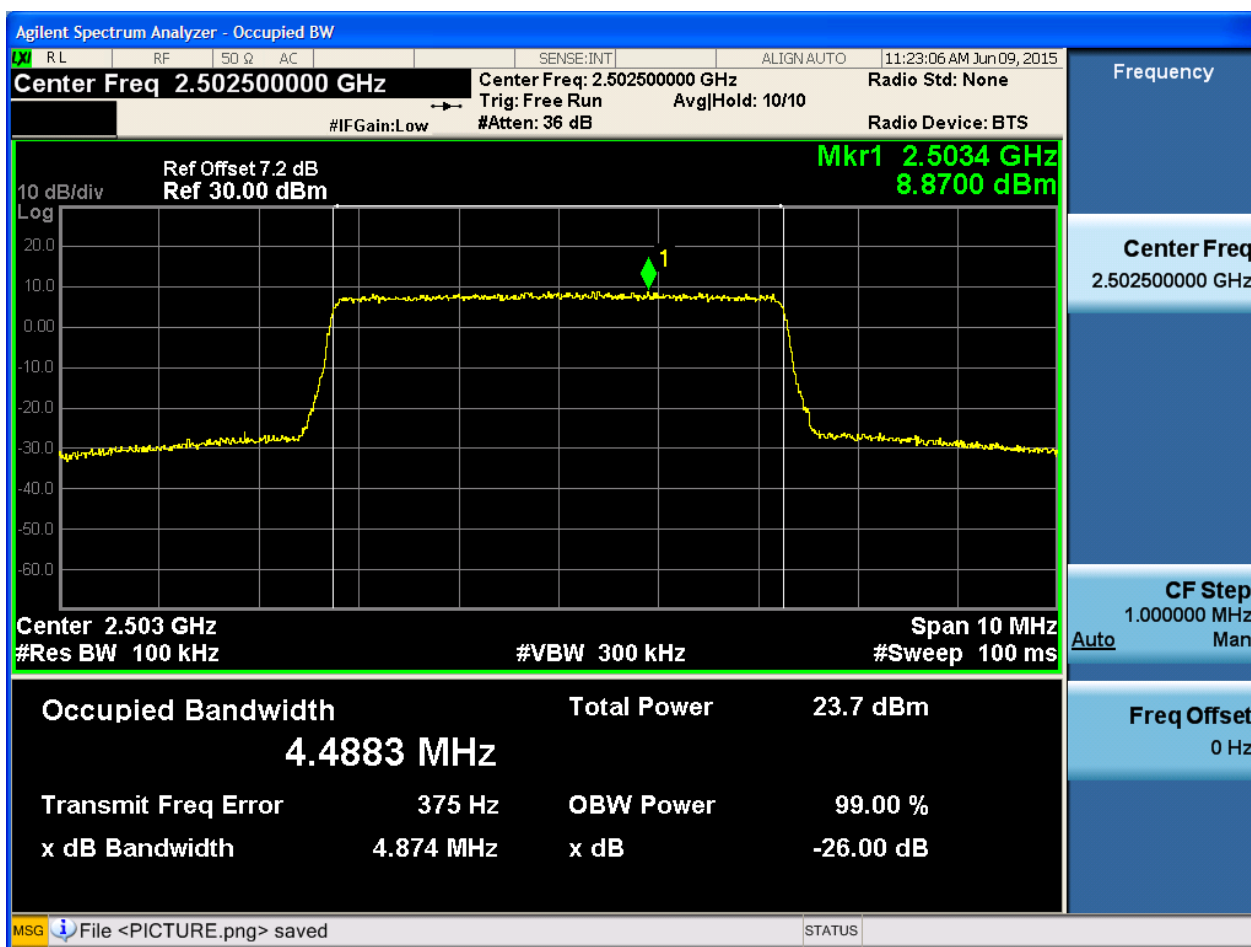


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

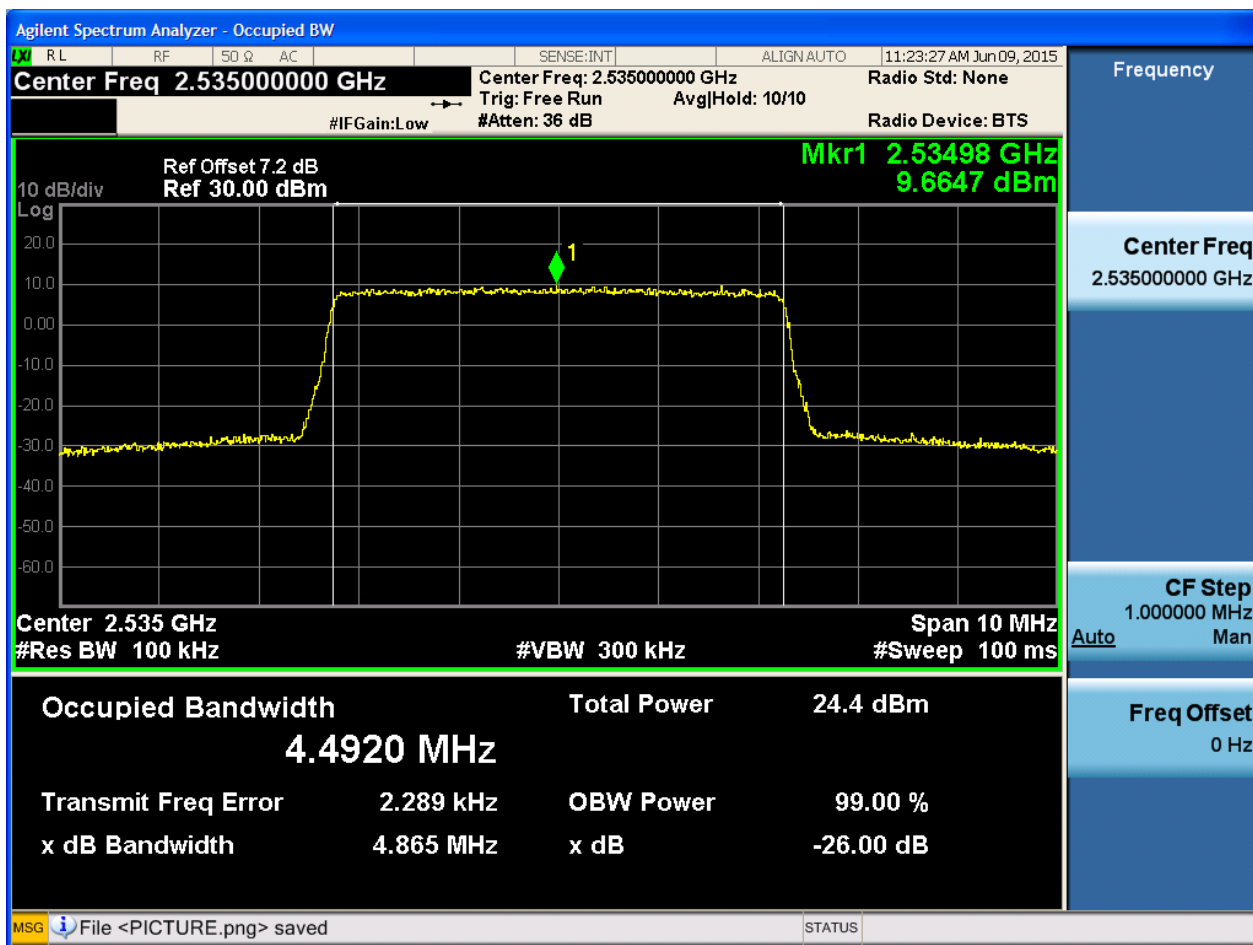
4.1.1.2.1.1.1 Test RB = RB25#0





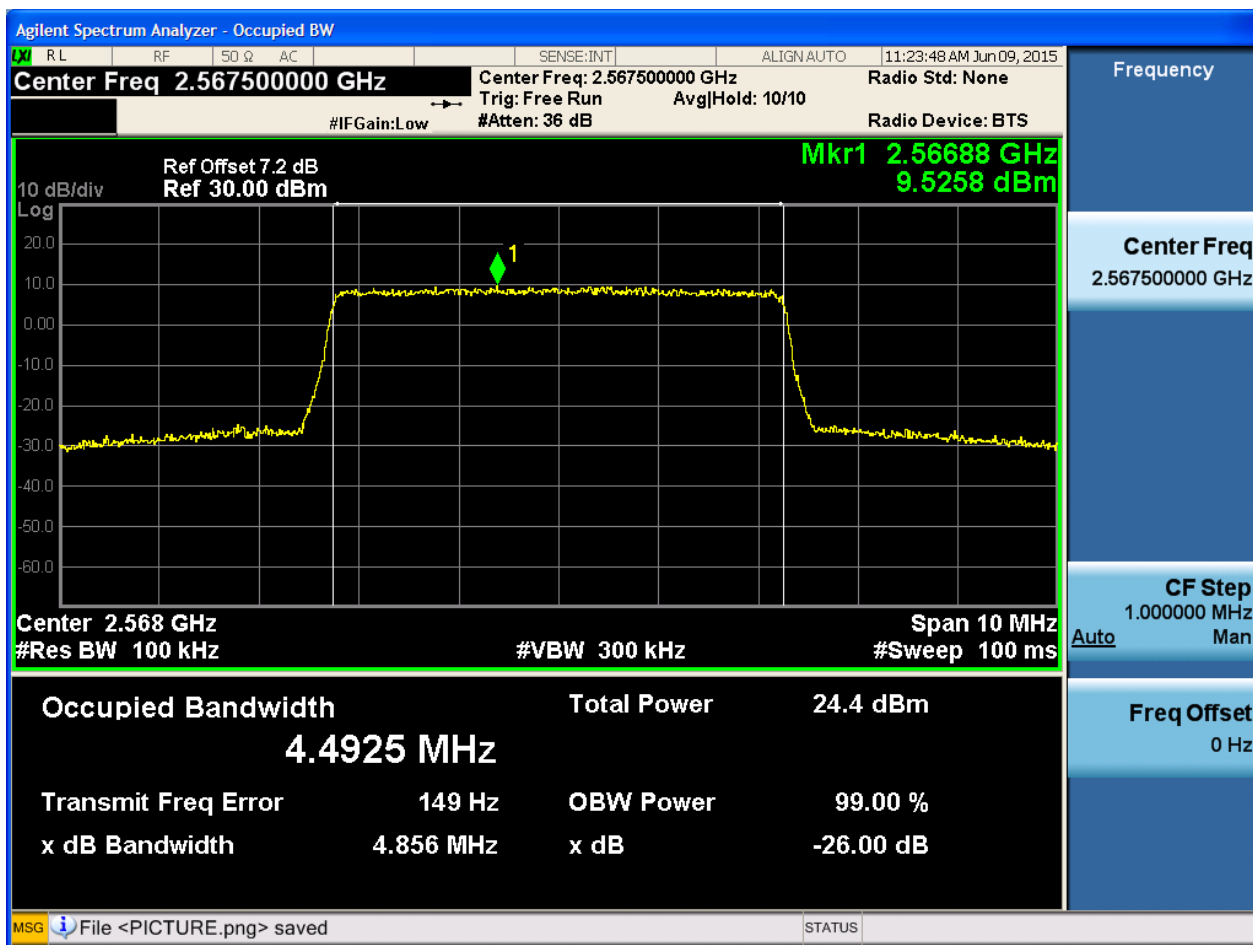
4.1.1.2.1.2 Test Channel = MCH

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

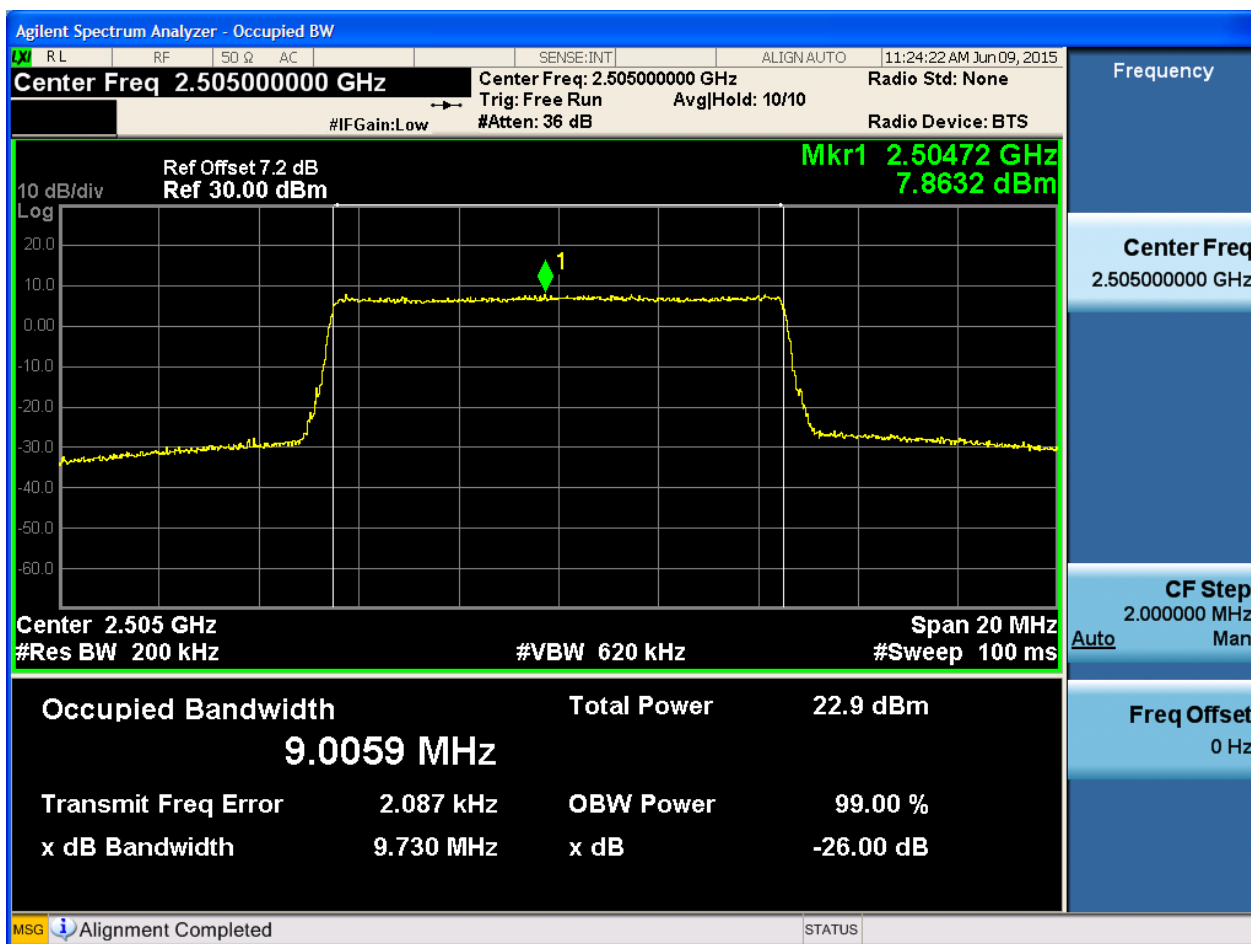




4.1.1.2.2 Test Bandwidth = 10

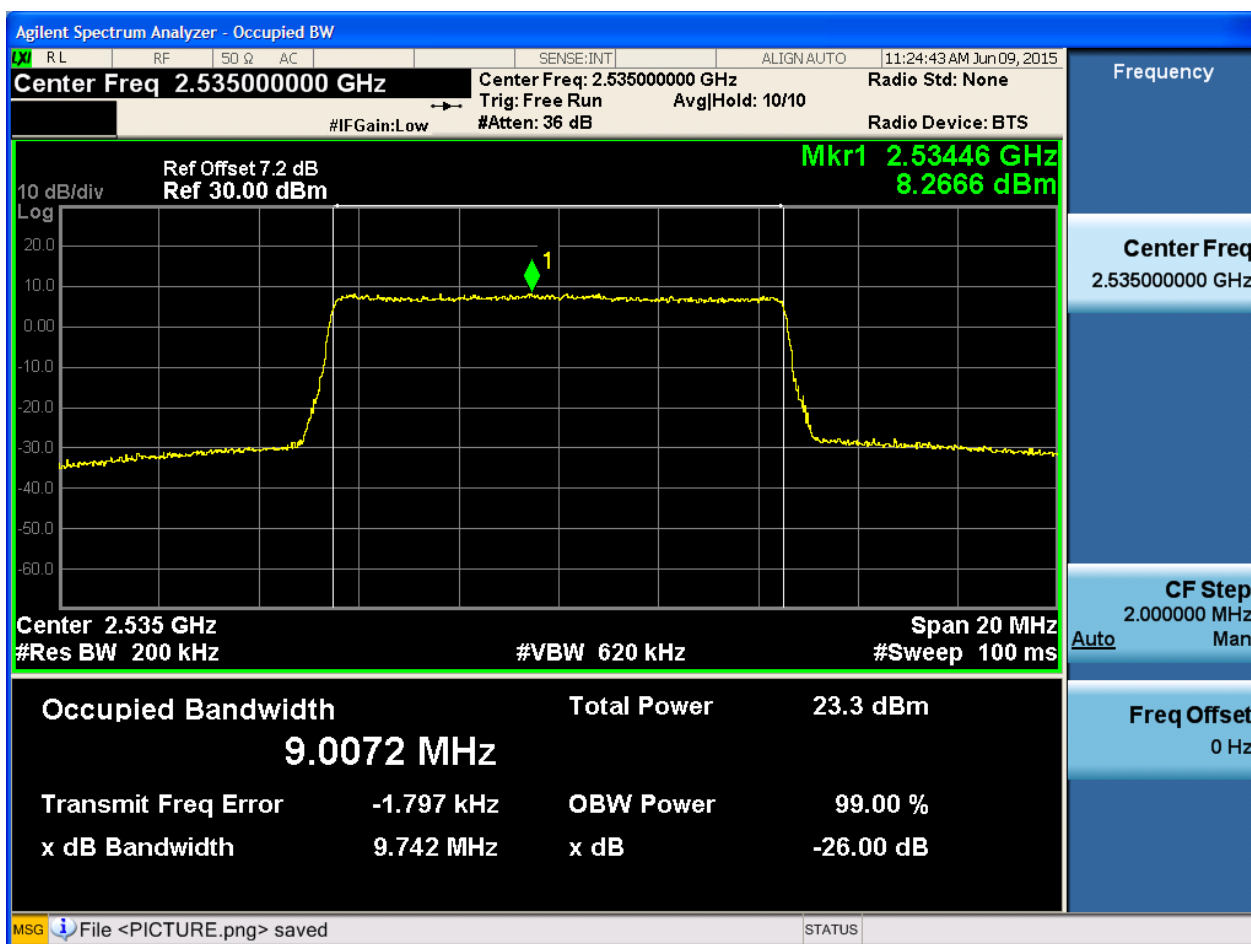
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0





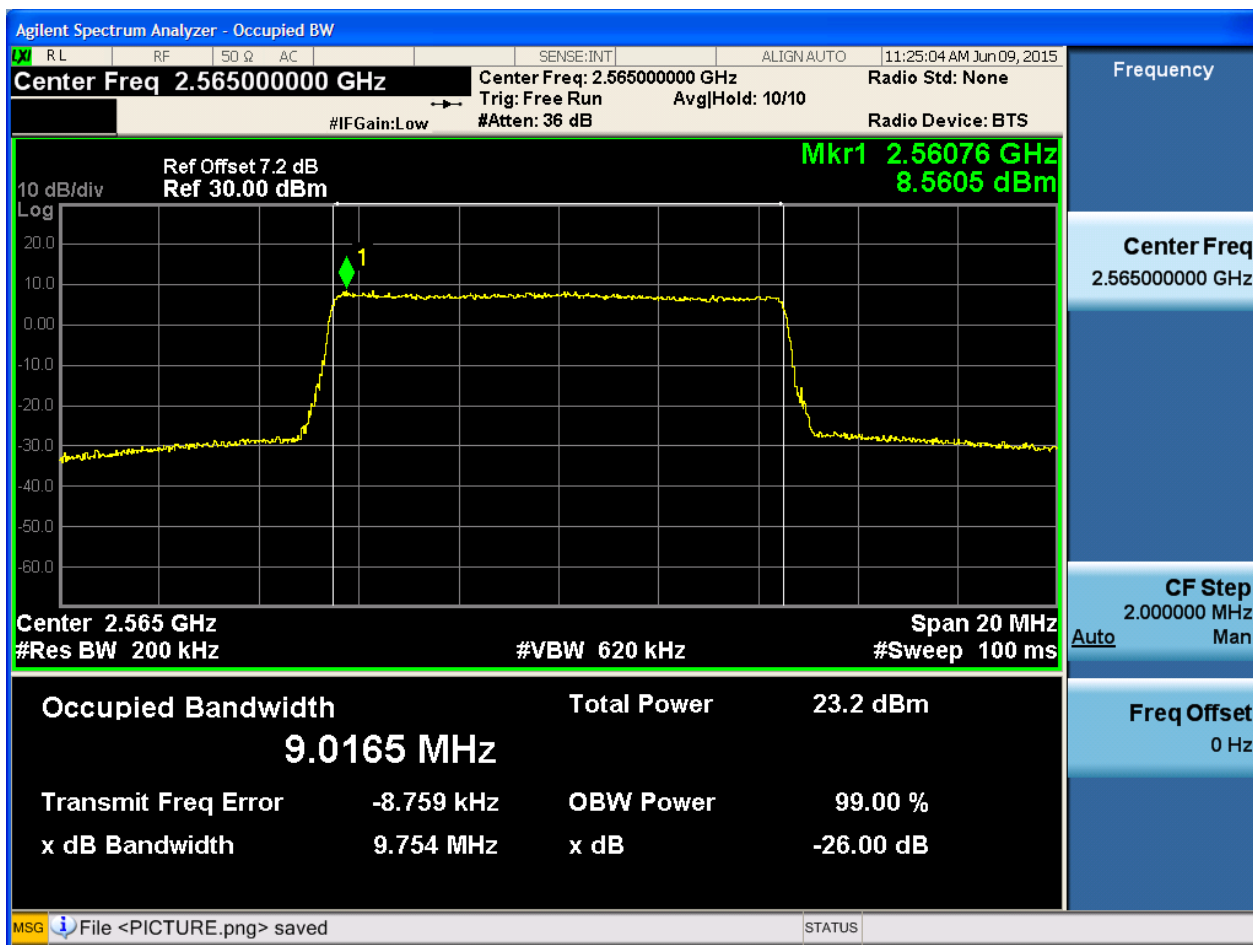
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

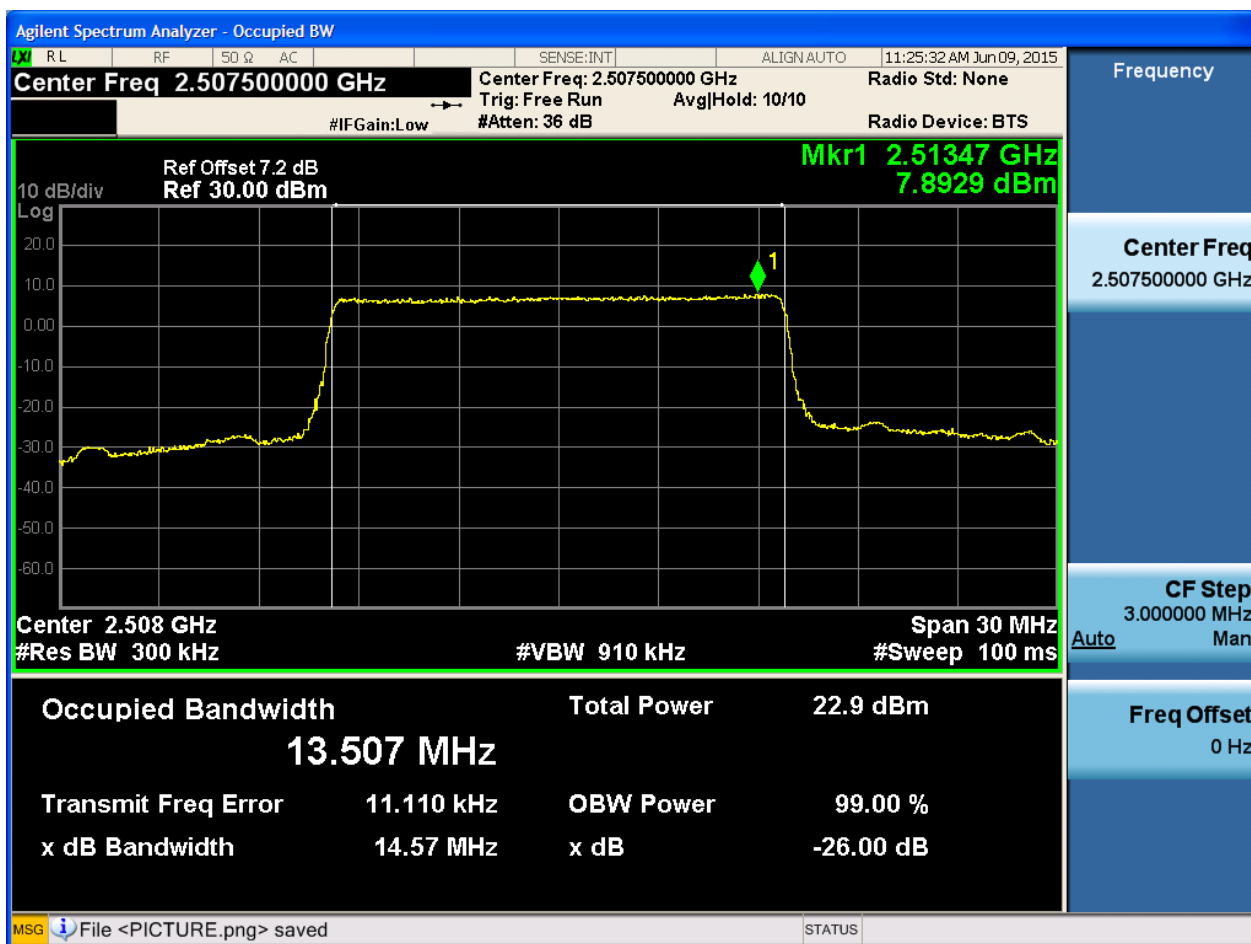




4.1.1.2.3 Test Bandwidth = 15

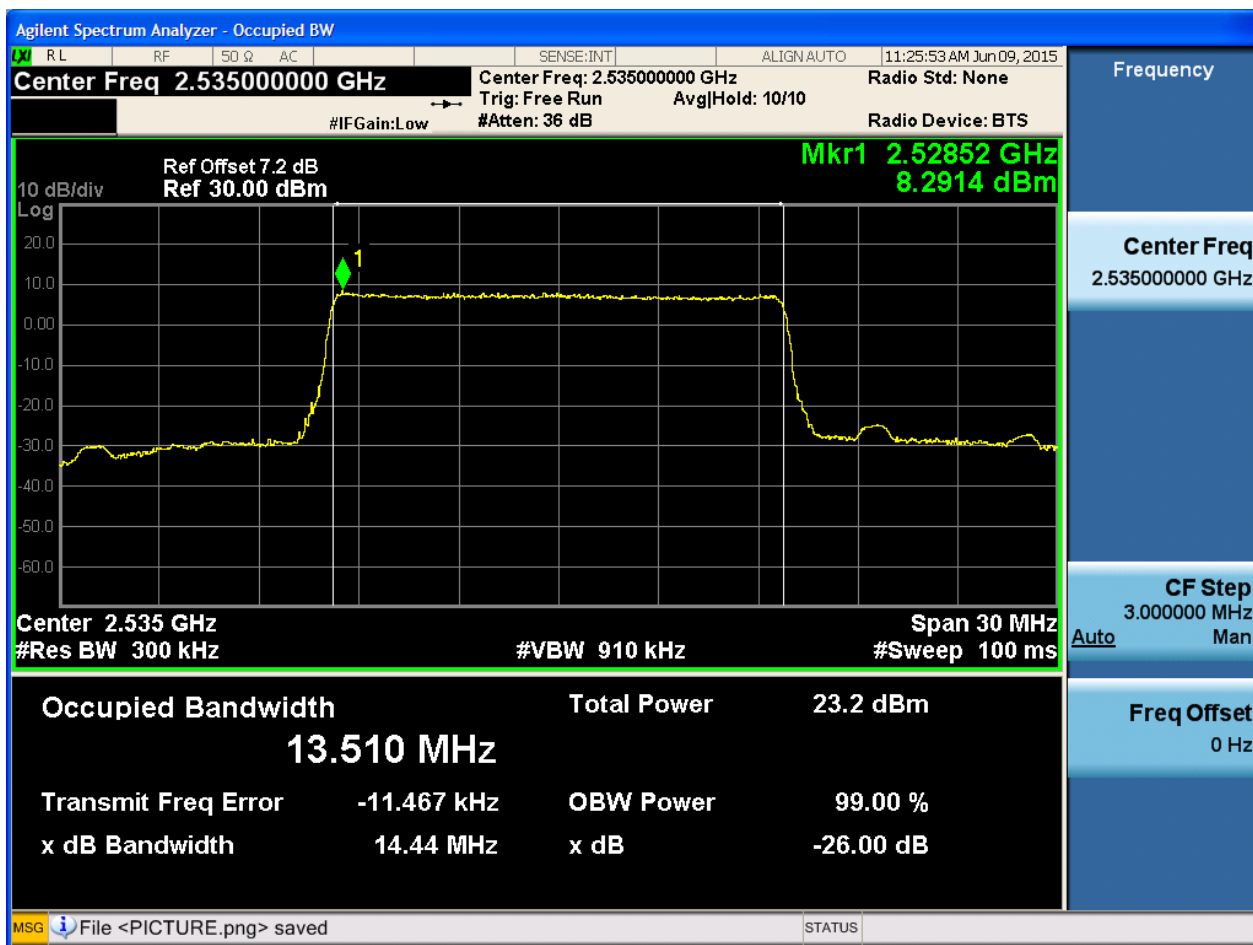
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



4.1.1.2.3.2 Test Channel = MCH

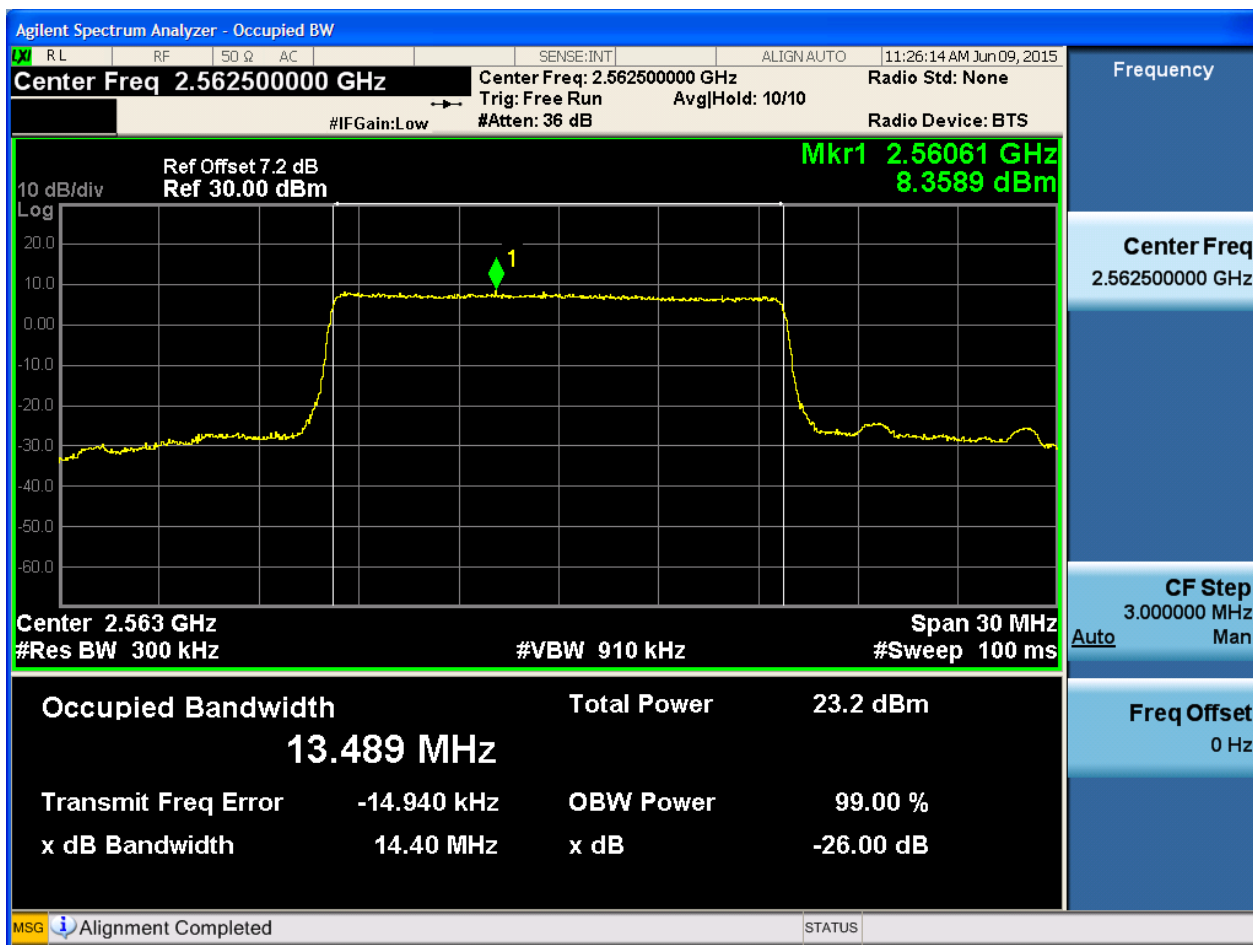
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

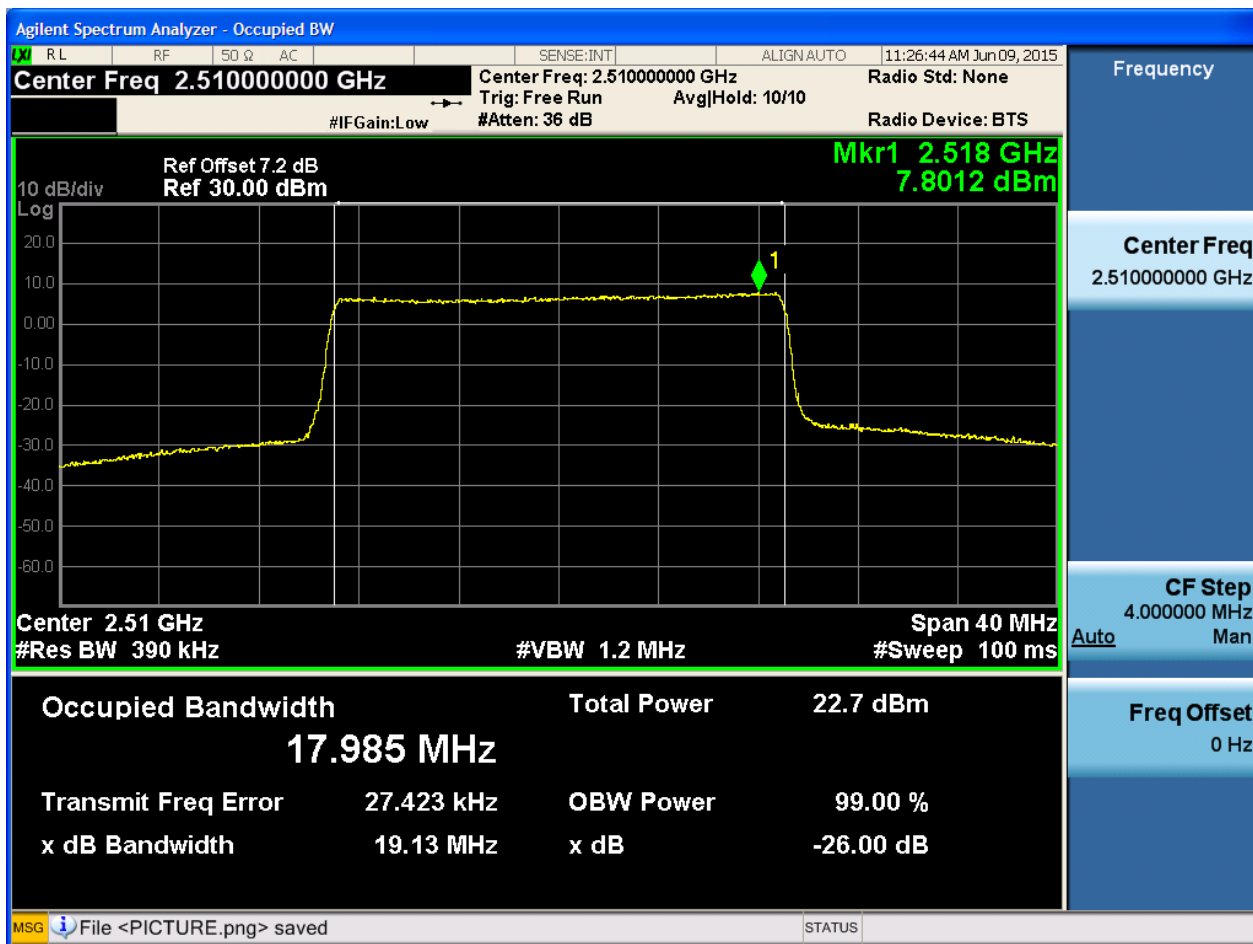




4.1.1.2.4 Test Bandwidth = 20

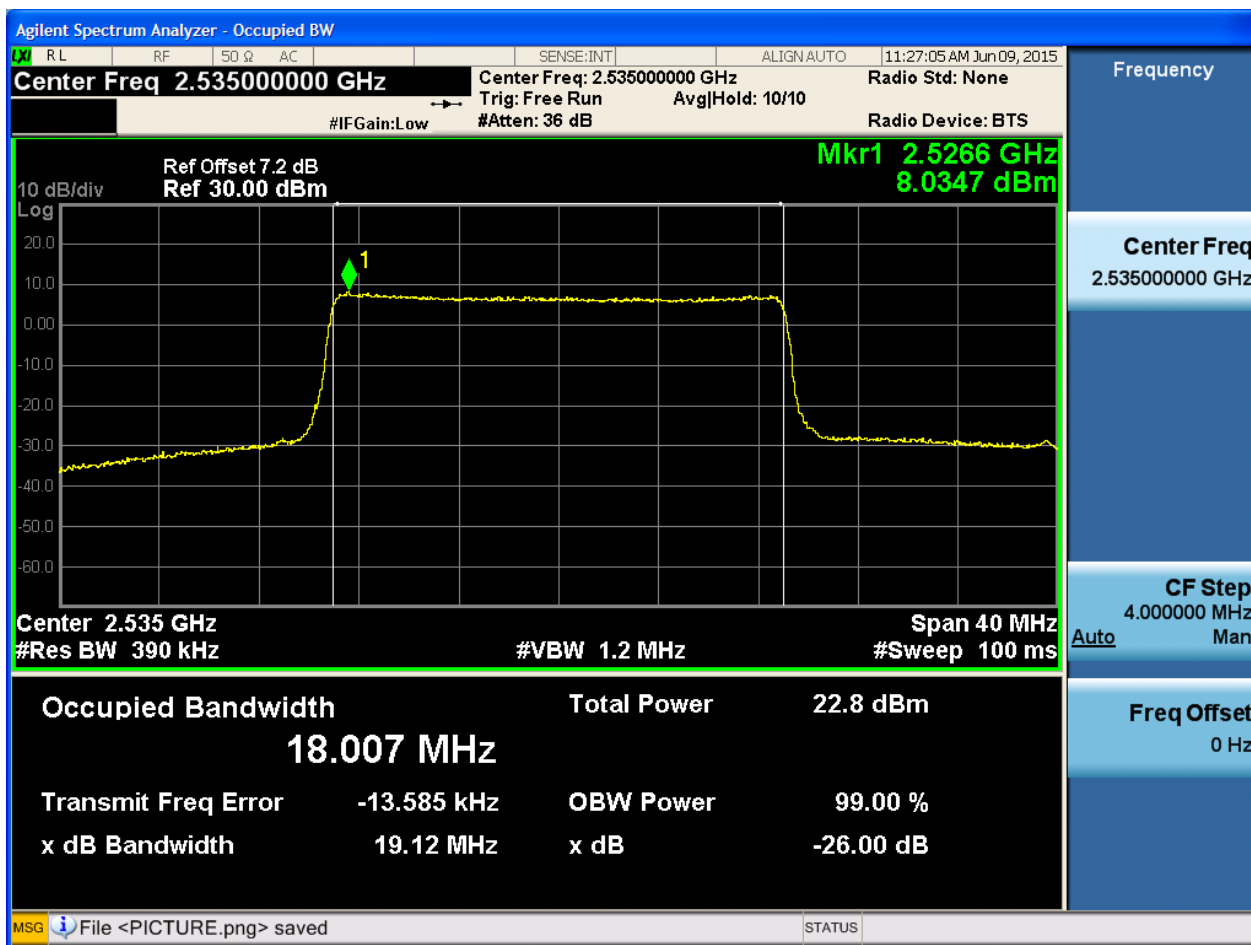
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0



4.1.1.2.4.2 Test Channel = MCH

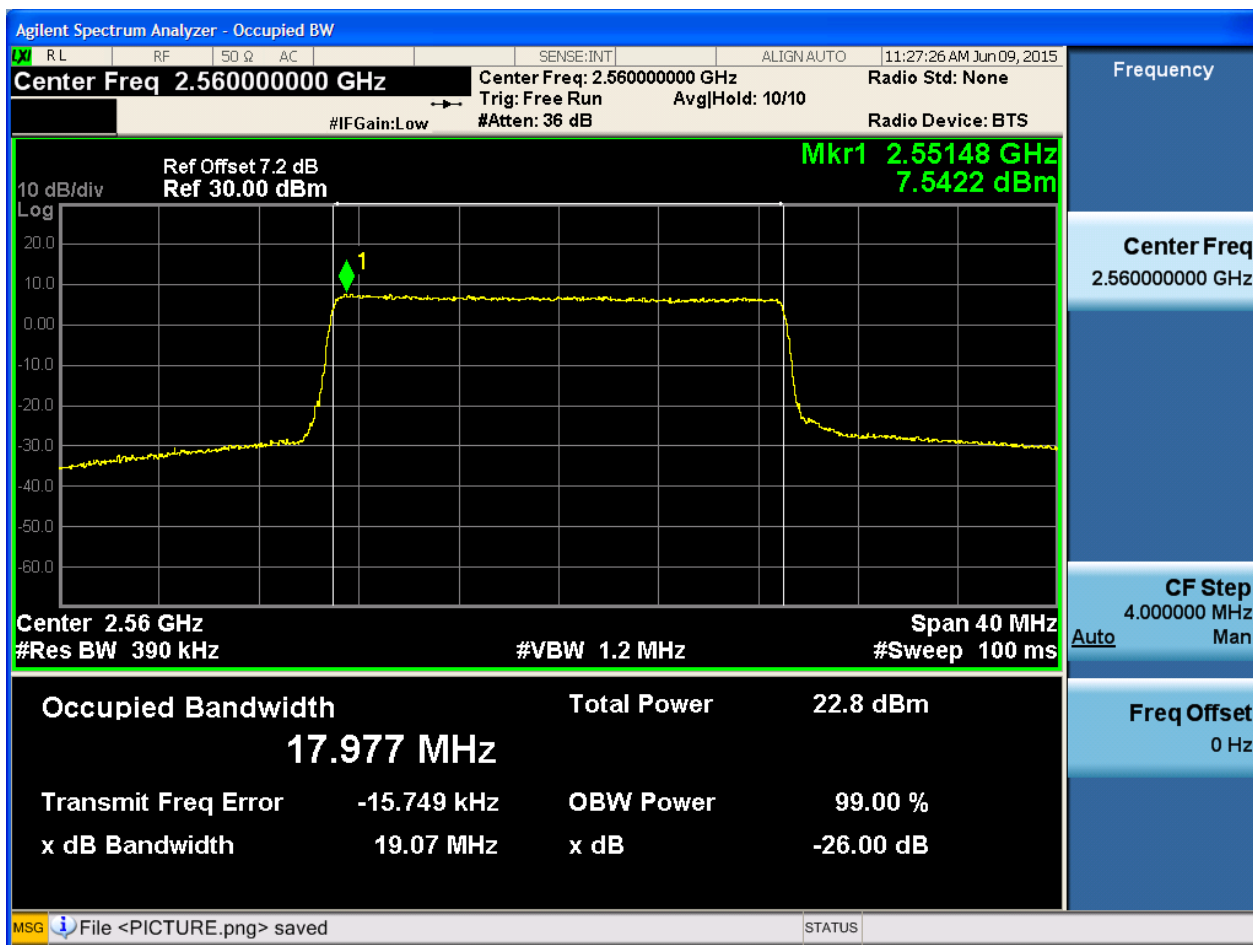
4.1.1.2.4.2.1 Test RB = RB100#0





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

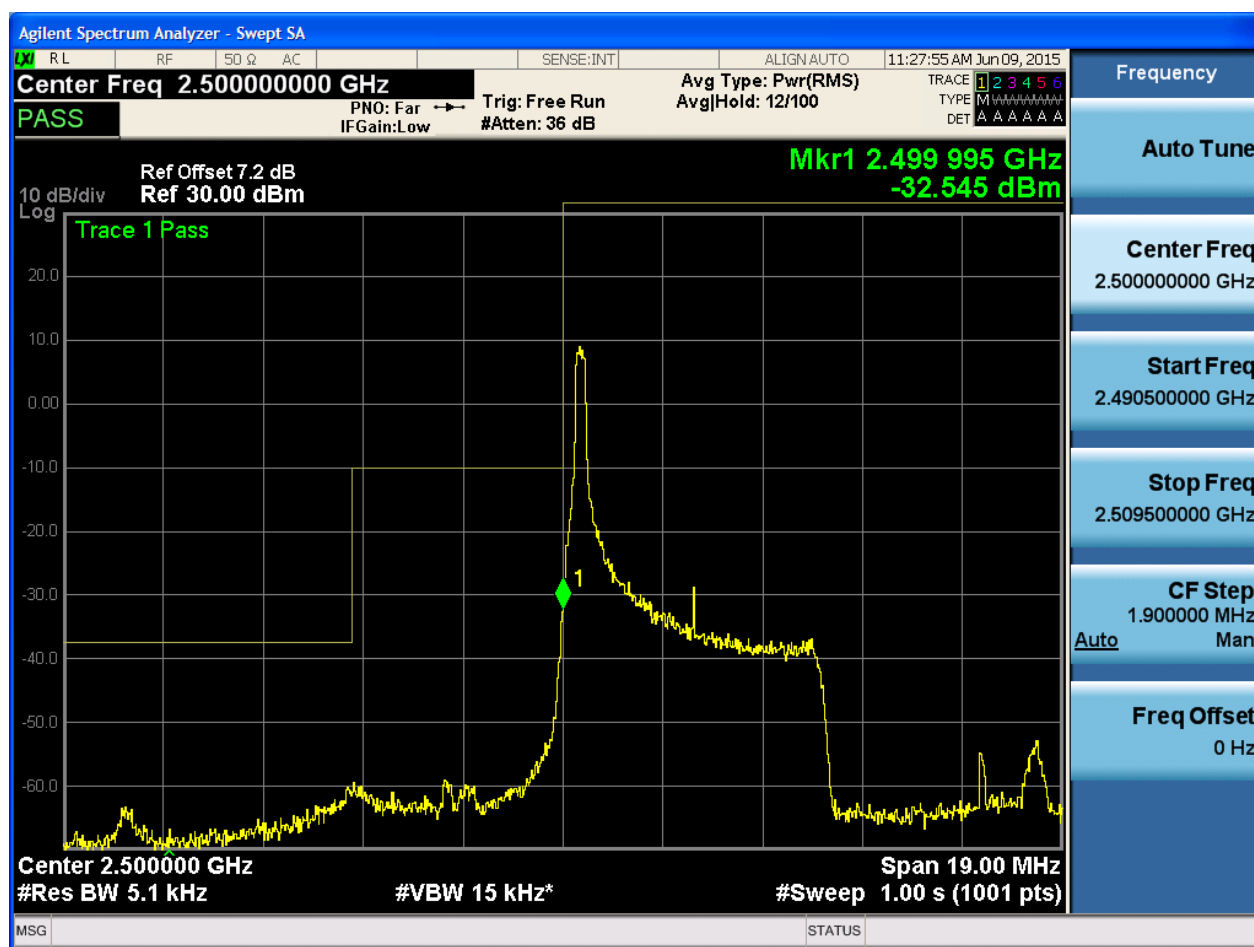
5.1.1 Test Band = BAND7

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

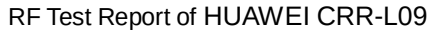
5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.50000000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.499 995 GHz
-33.166 dBm

Center 2.500000 GHz
#Res BW 47 kHz
#VBW 150 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

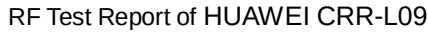
Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 2.50000000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.499 995 GHz
-27.196 dBm

Center 2.500000 GHz
#Res BW 91 kHz
#VBW 270 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

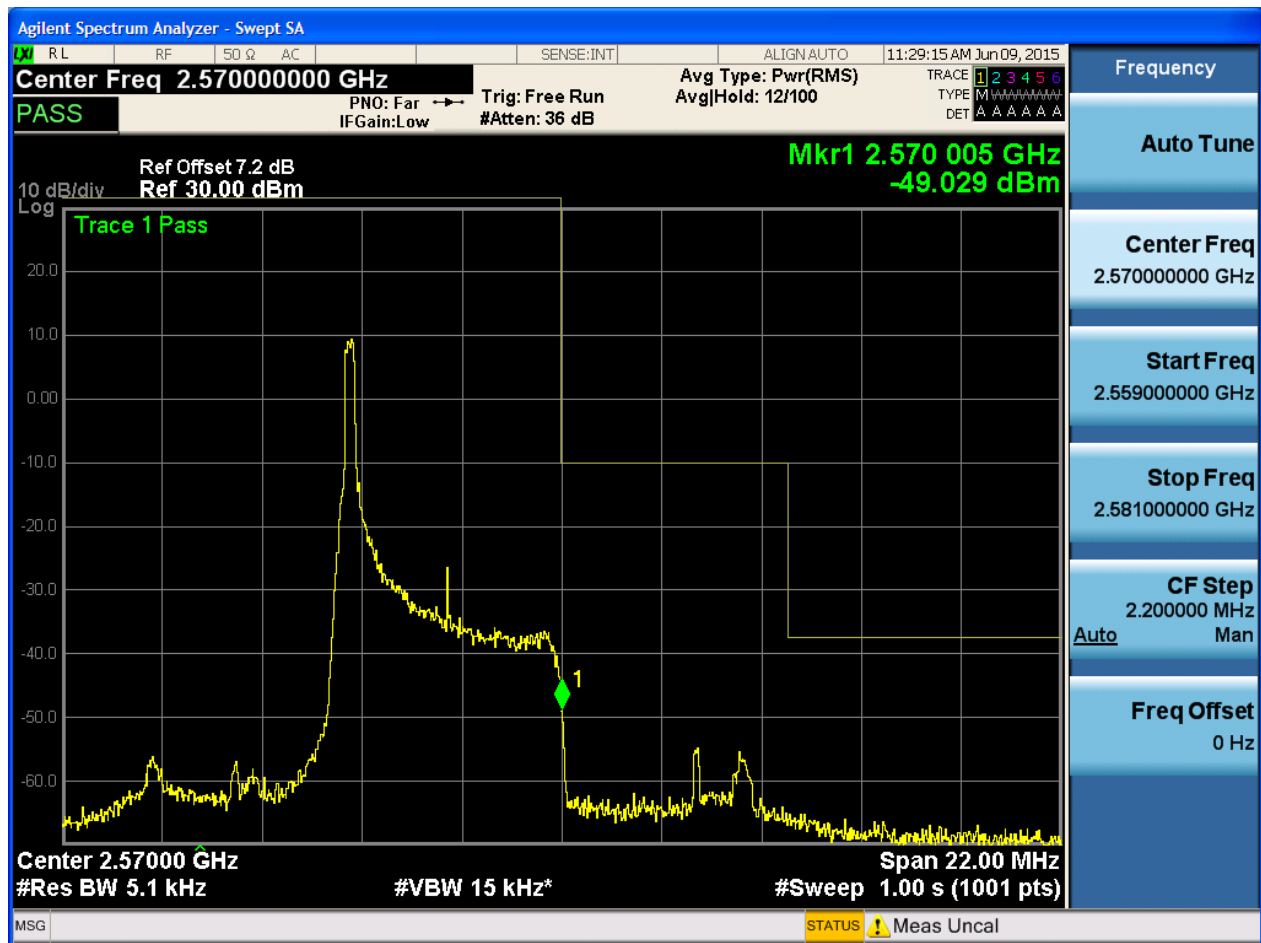
Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Man

Freq Offset
0 Hz

5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



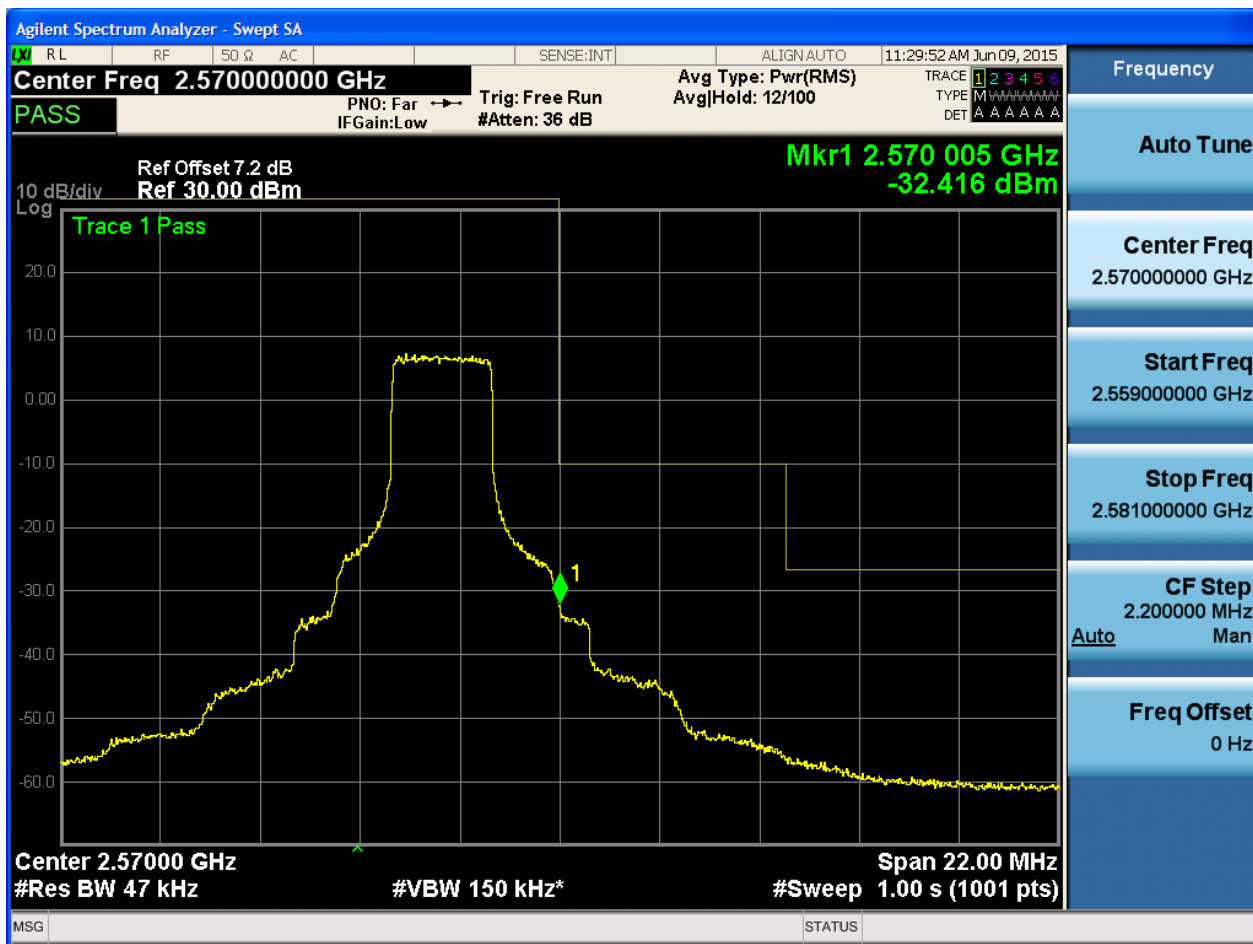


5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





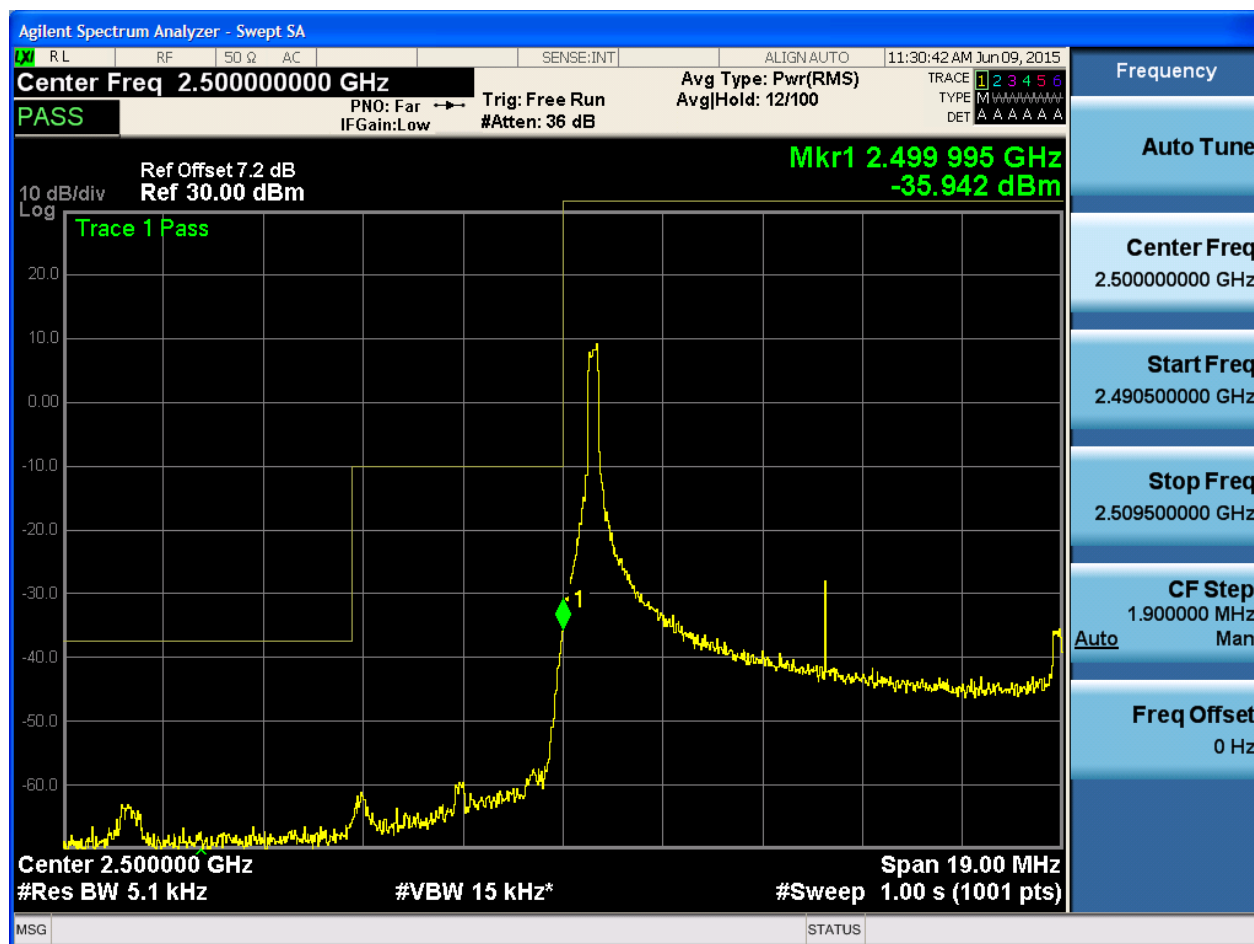
5.1.1.1.2.4 Test RB = RB25#0



5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

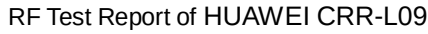
5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.500000000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.499 995 GHz
-35.517 dBm

Center 2.500000 GHz
#Res BW 91 kHz
#VBW 270 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Man

Freq Offset
0 Hz

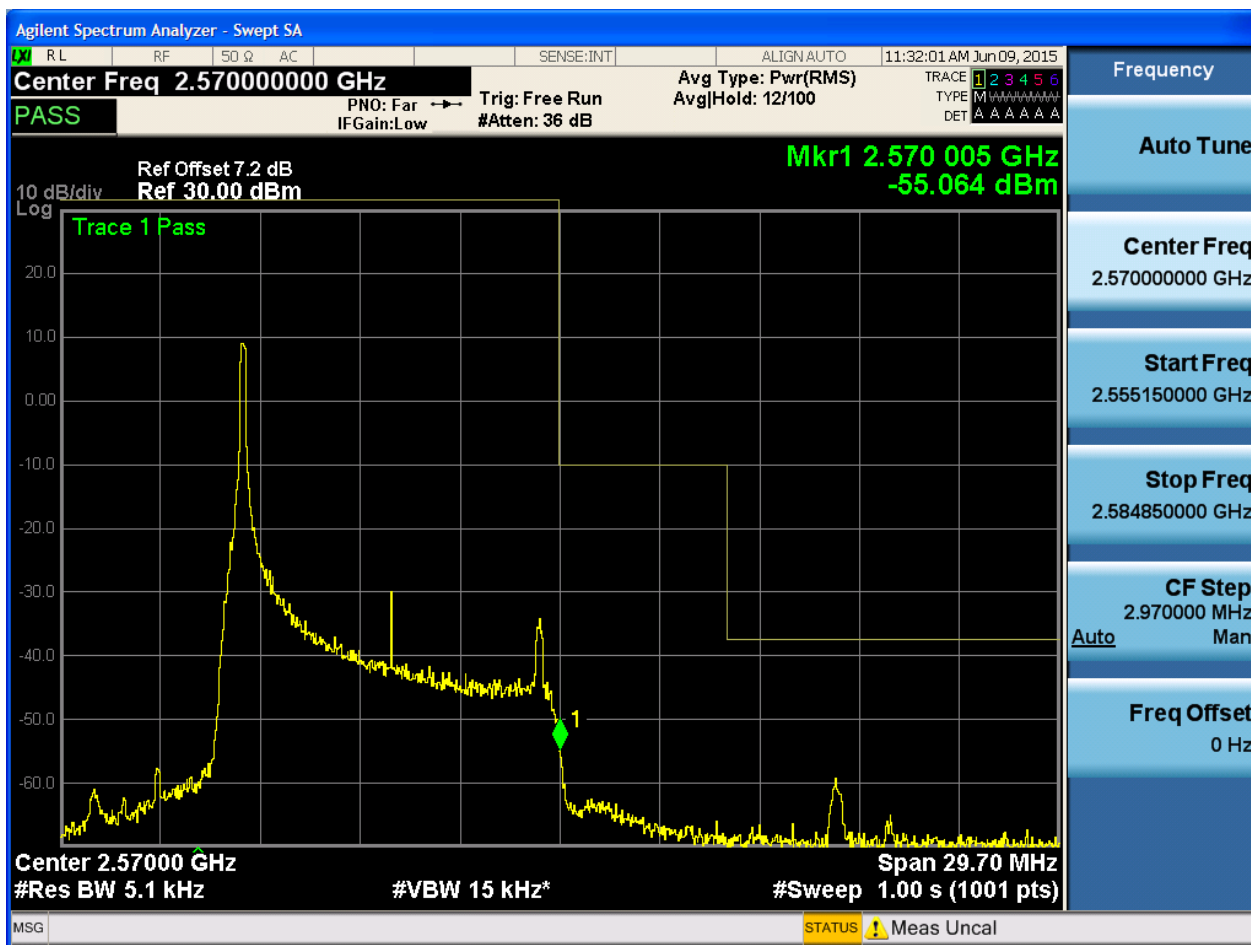


5.1.1.1.2.1.4 Test RB = RB50#0



5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



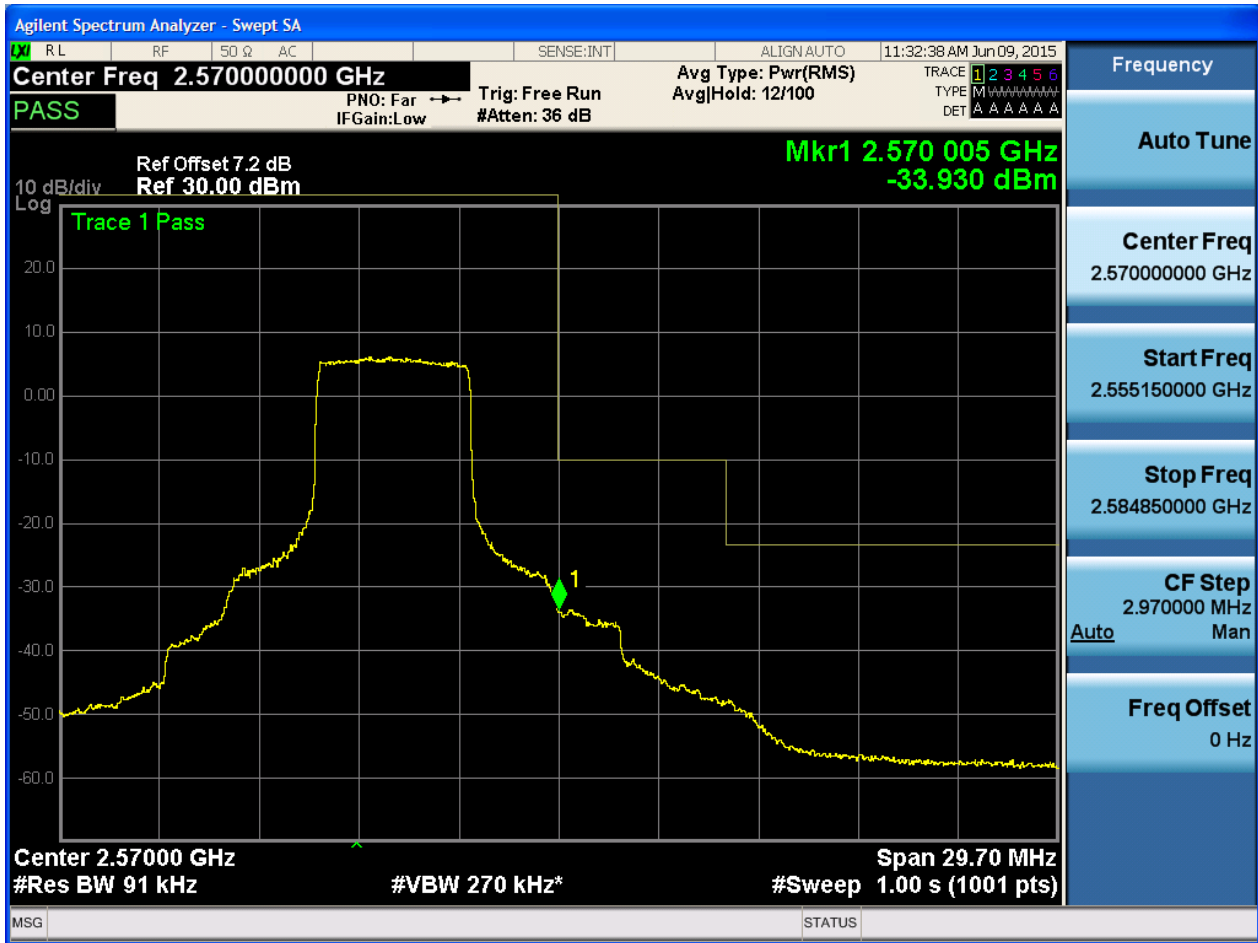


5.1.1.1.2.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





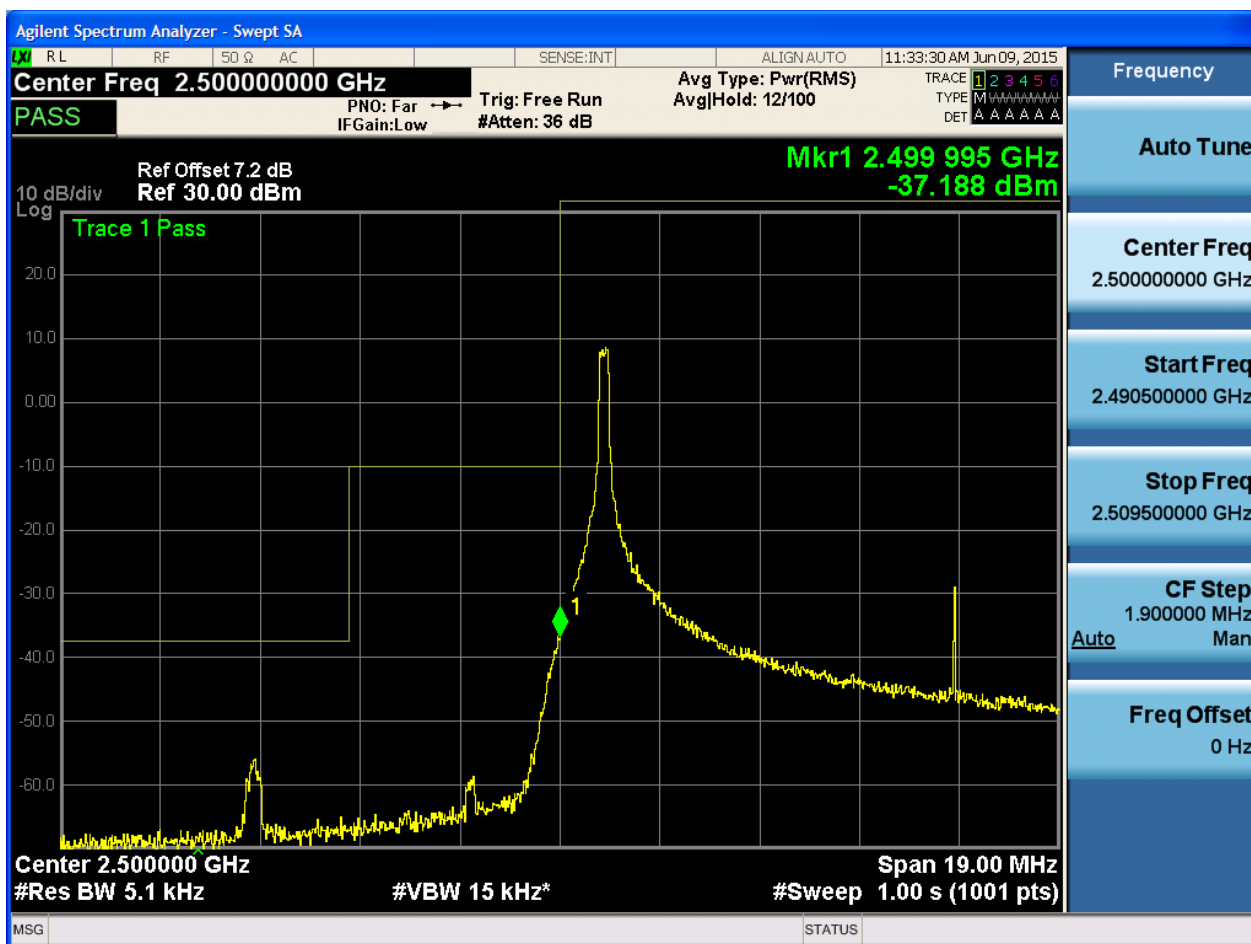
5.1.1.1.2.2.4 Test RB = RB50#0



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



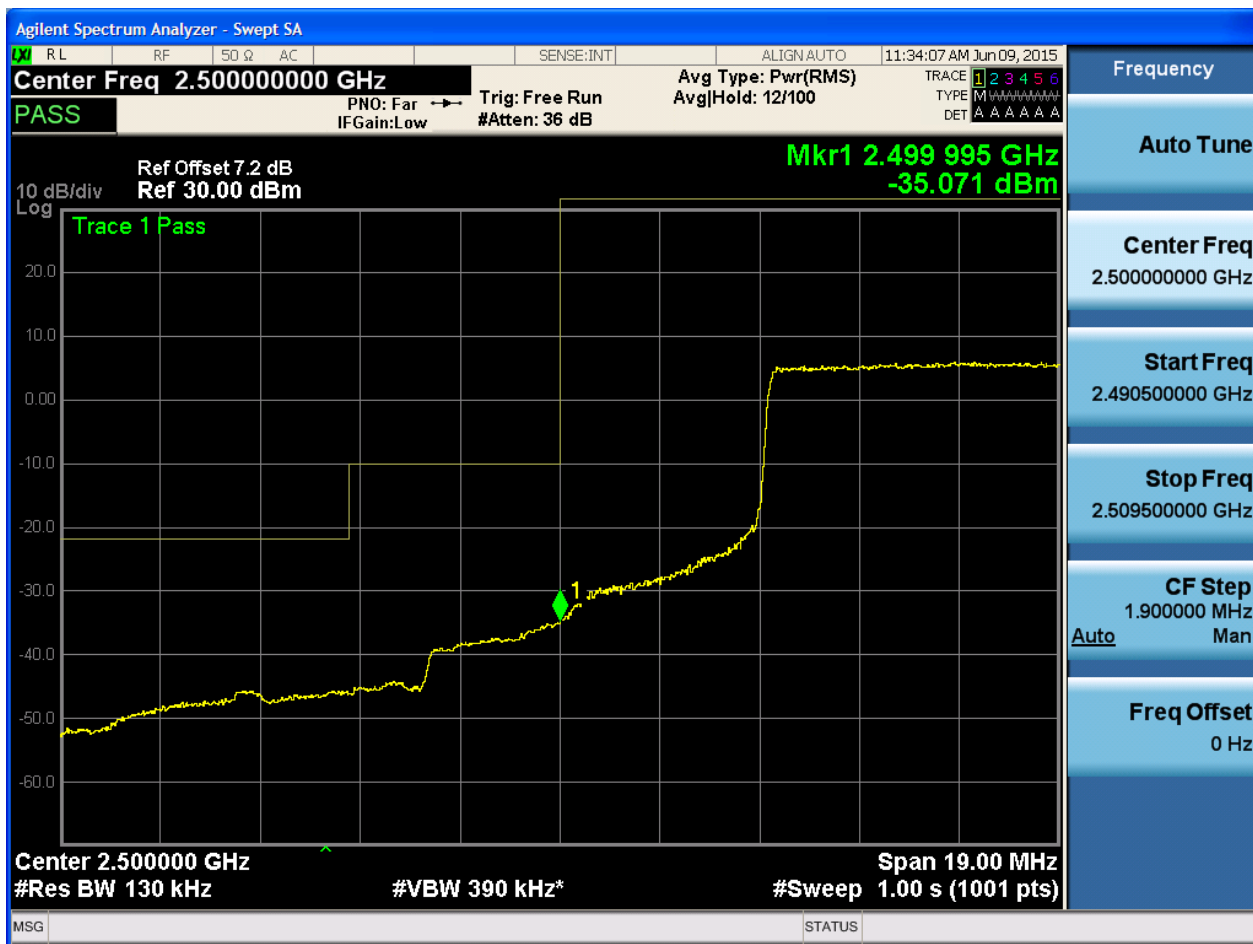


5.1.1.1.3.1.1 Test RB = RB1#74





5.1.1.1.3.1.3 Test RB = RB36#18



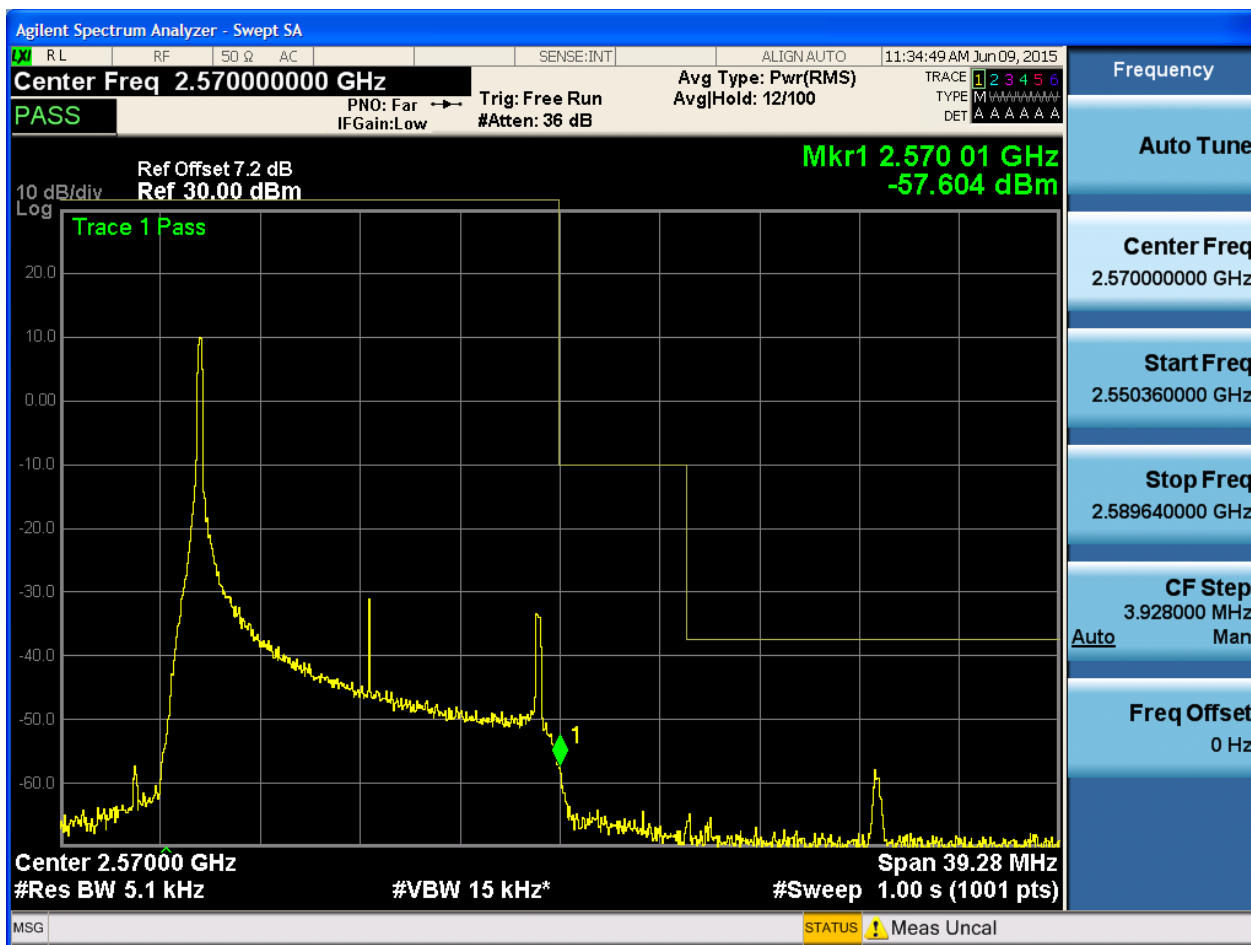


5.1.1.1.3.1.4 Test RB = RB75#0



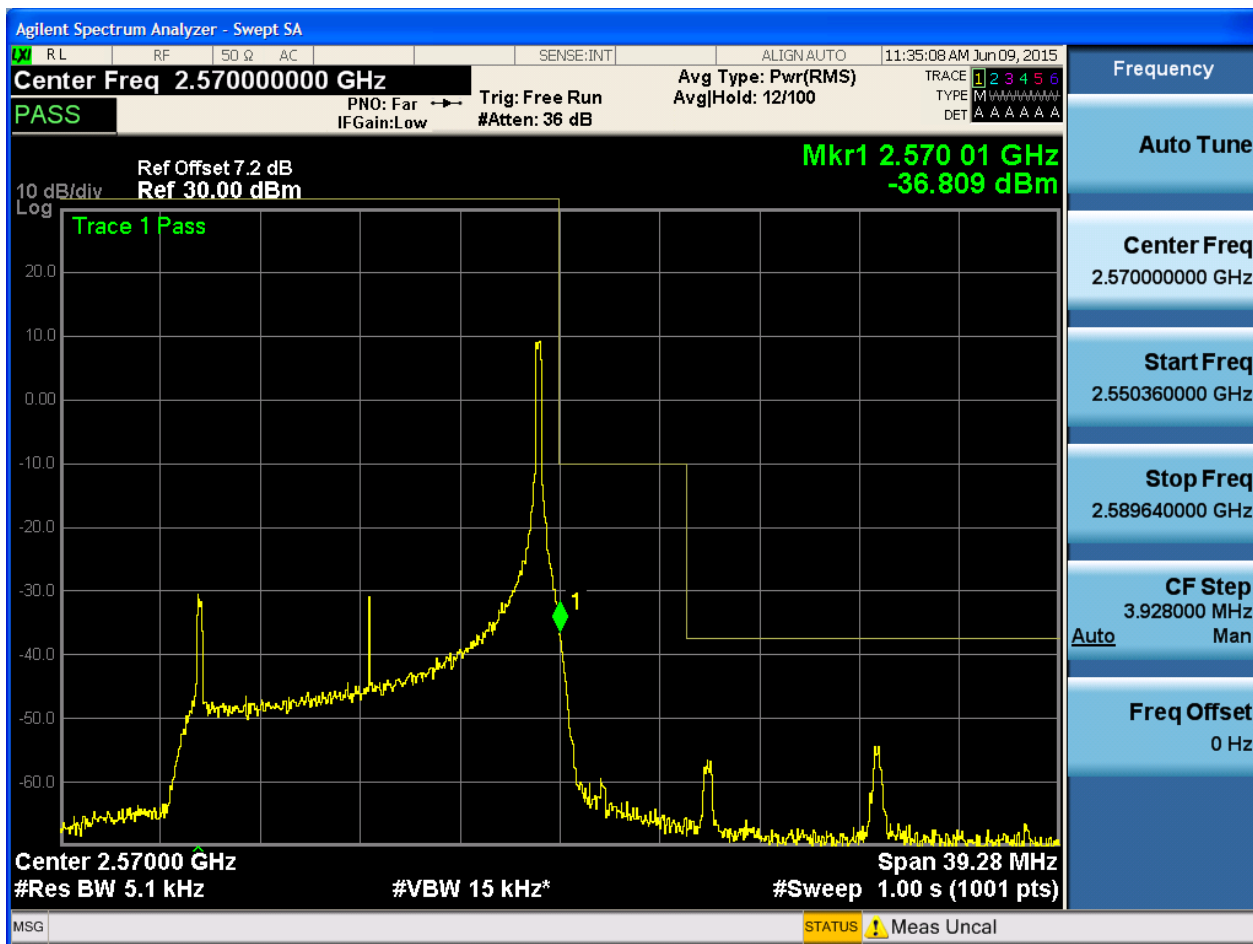
5.1.1.1.3.2 Test Channel = HCH

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





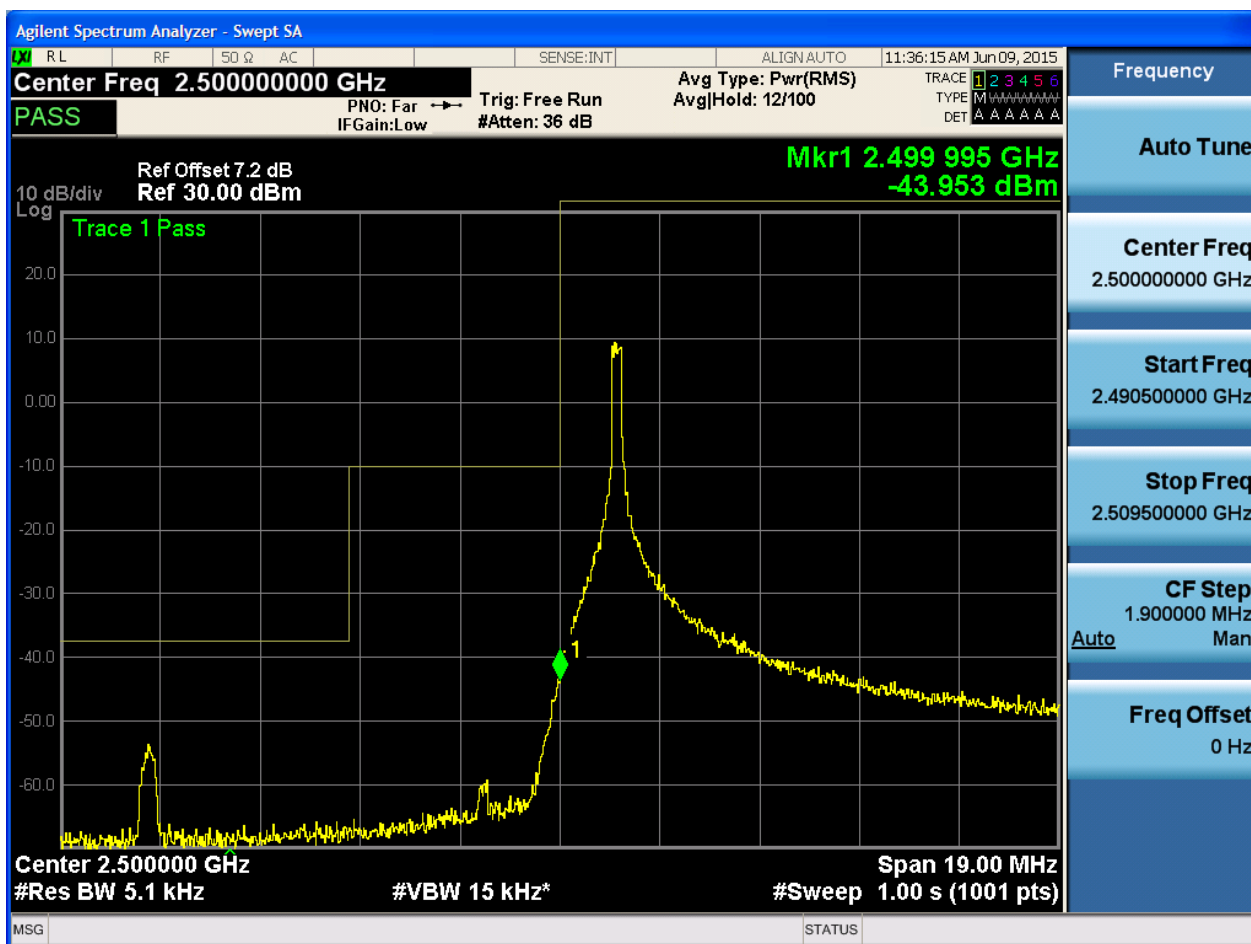
5.1.1.1.3.2.4 Test RB = RB75#0



5.1.1.1.4 Test Bandwidth = 20

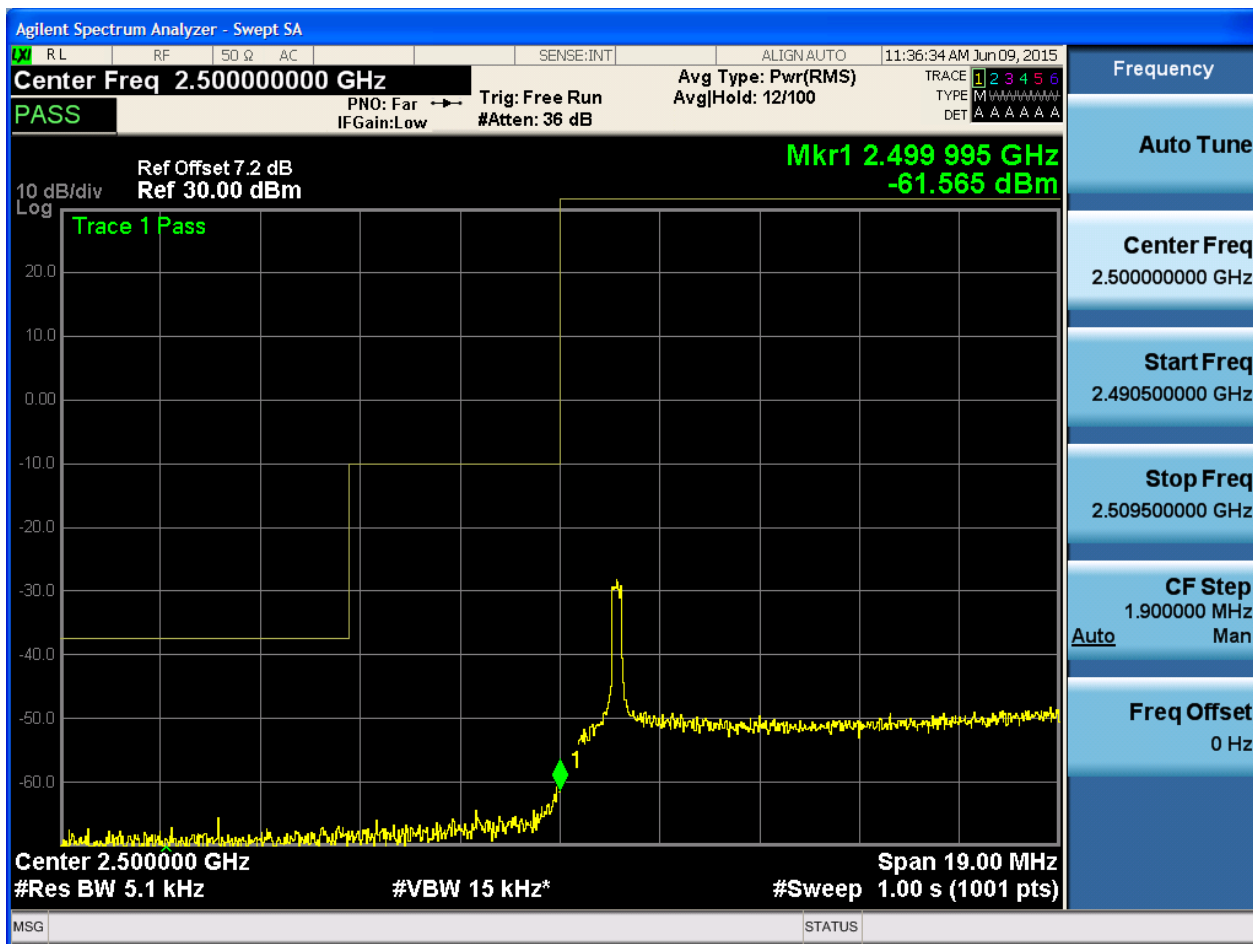
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



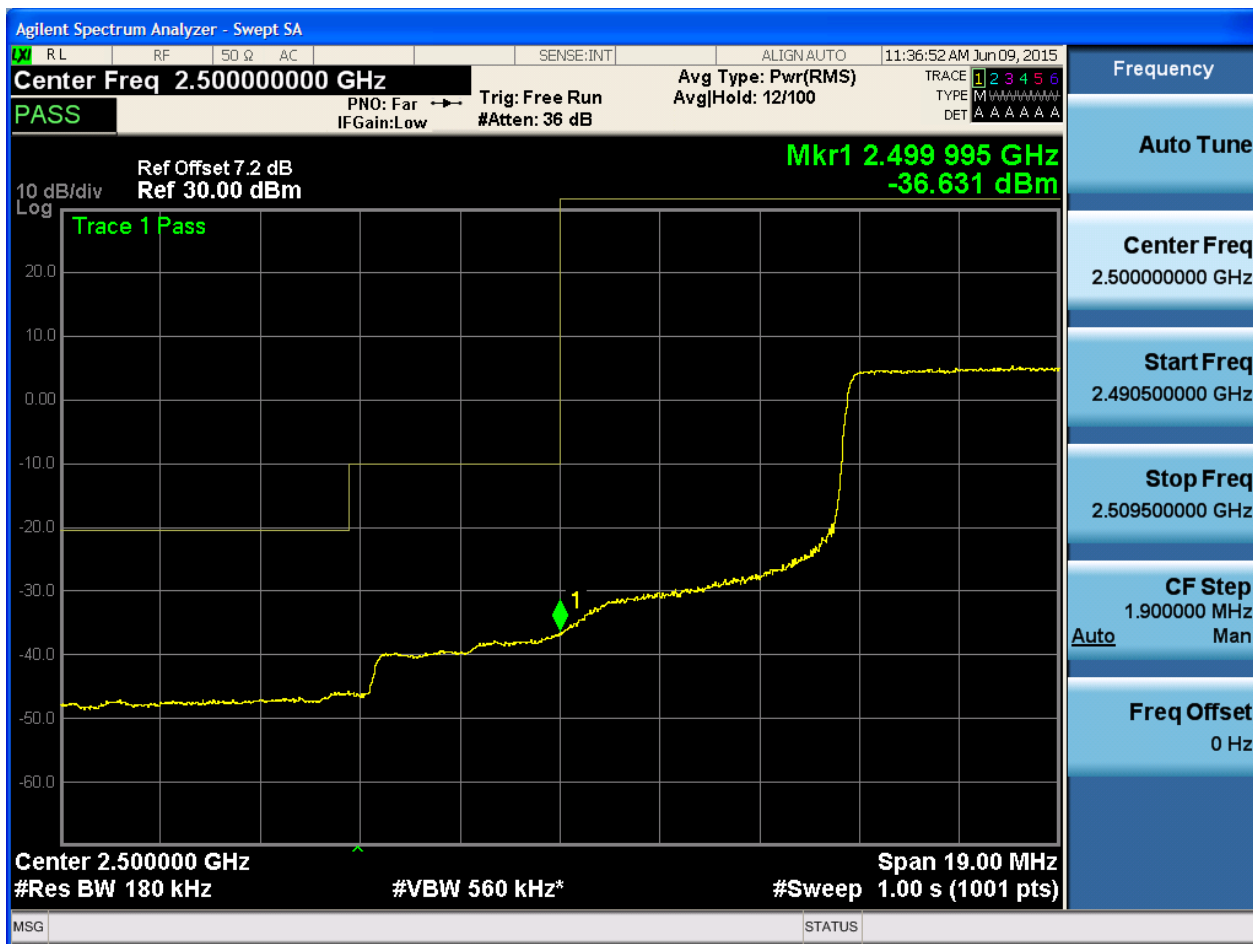


5.1.1.1.4.1.1 Test RB = RB1#99



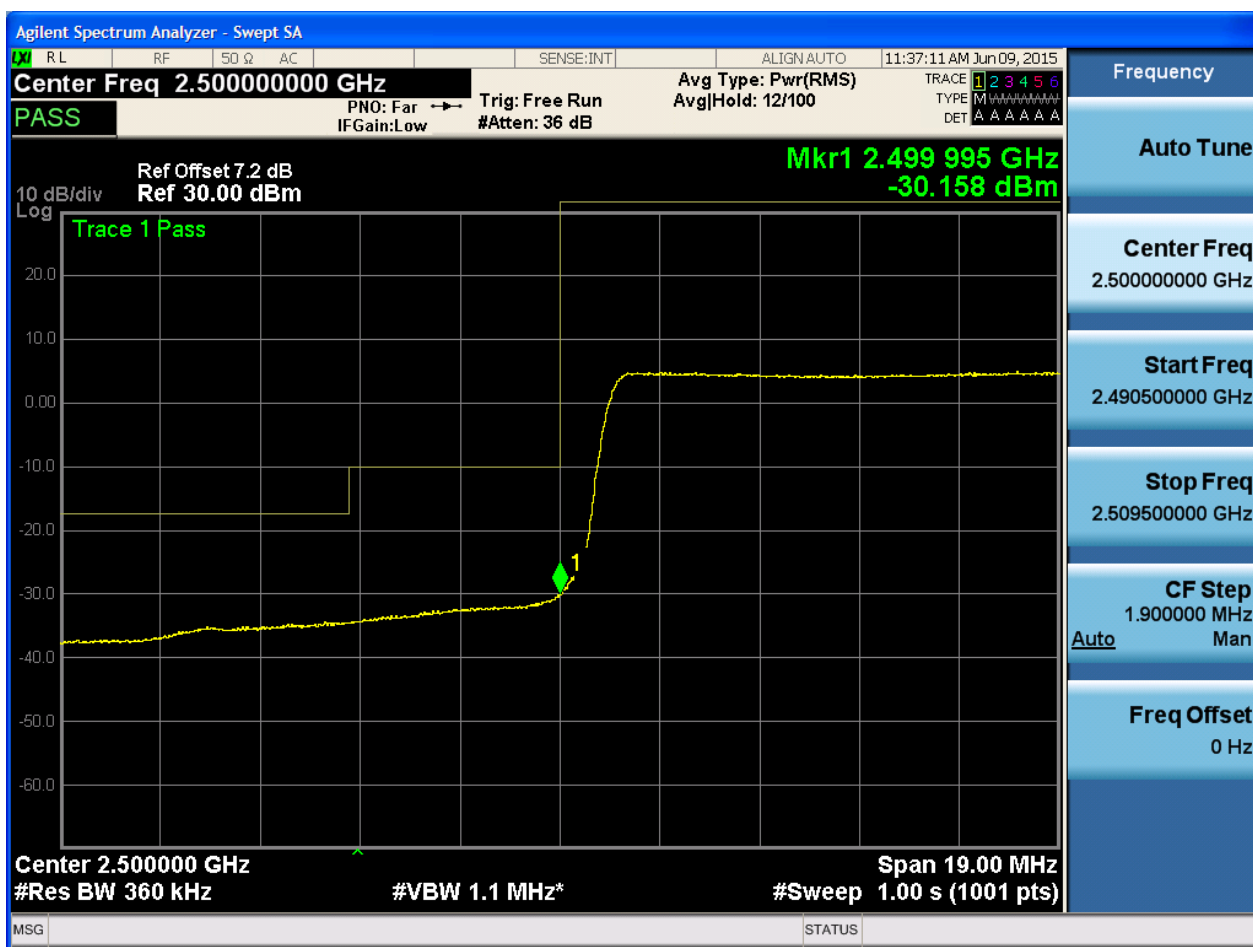


5.1.1.1.4.1.3 Test RB = RB50#25



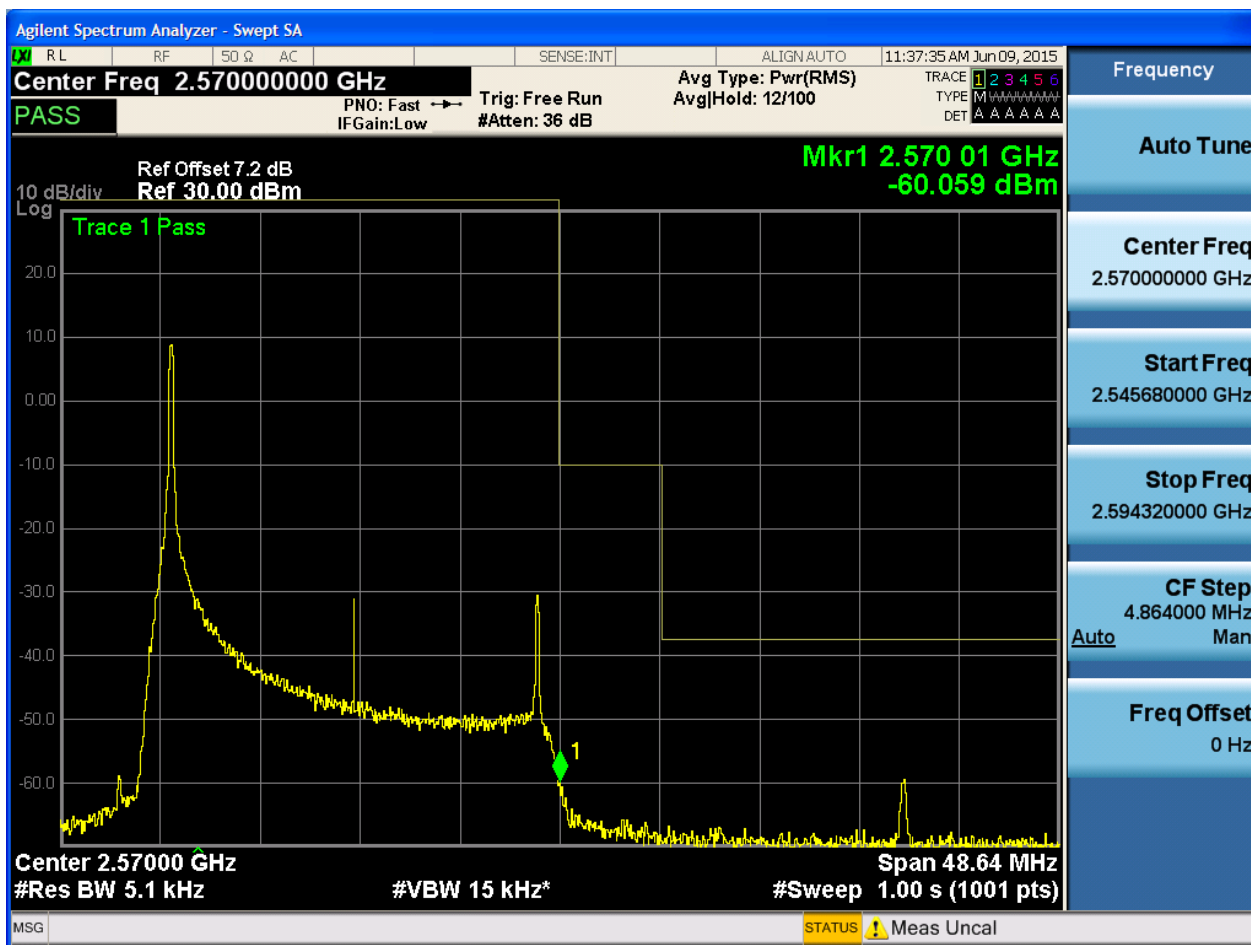


5.1.1.1.4.1.4 Test RB = RB100#0



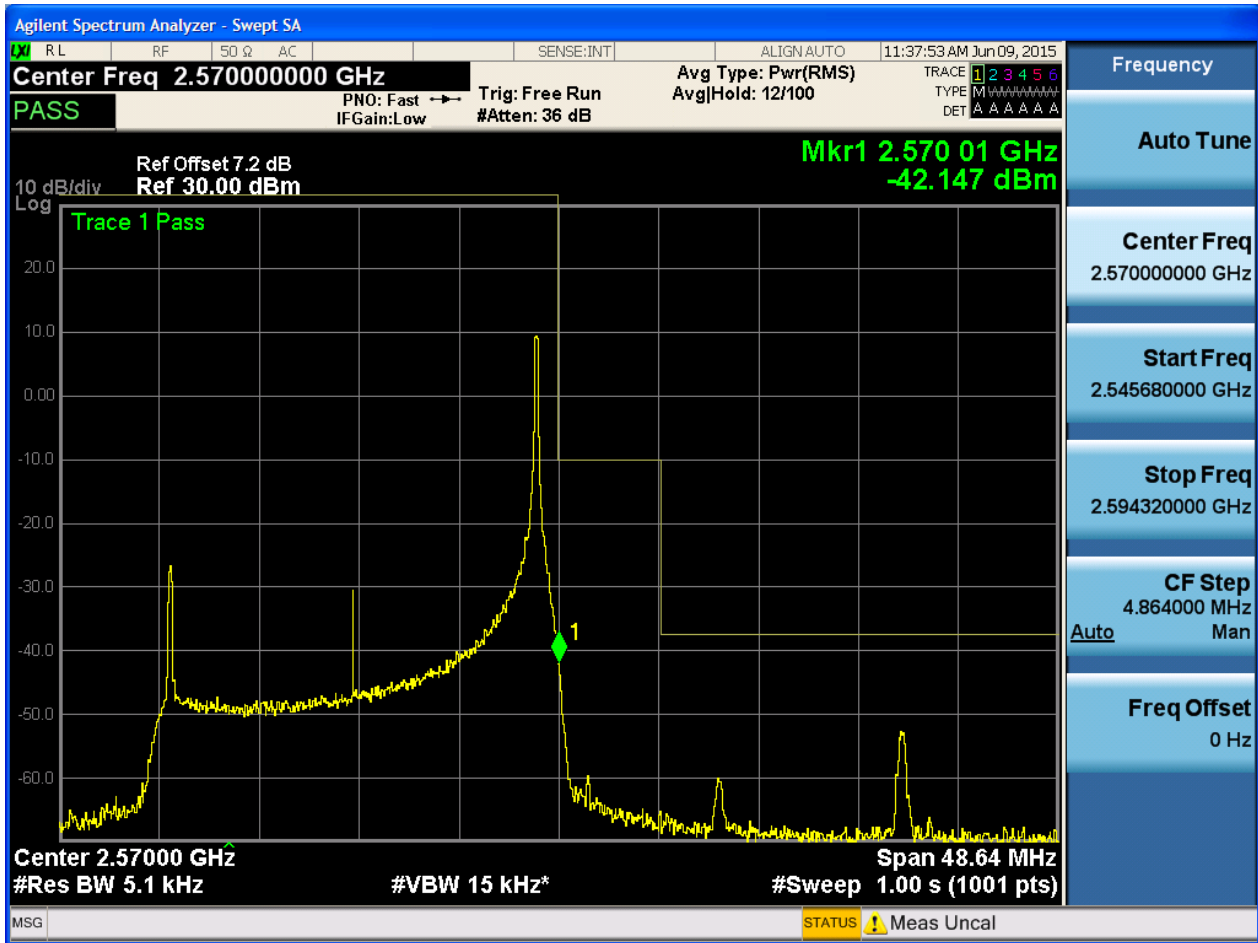
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0

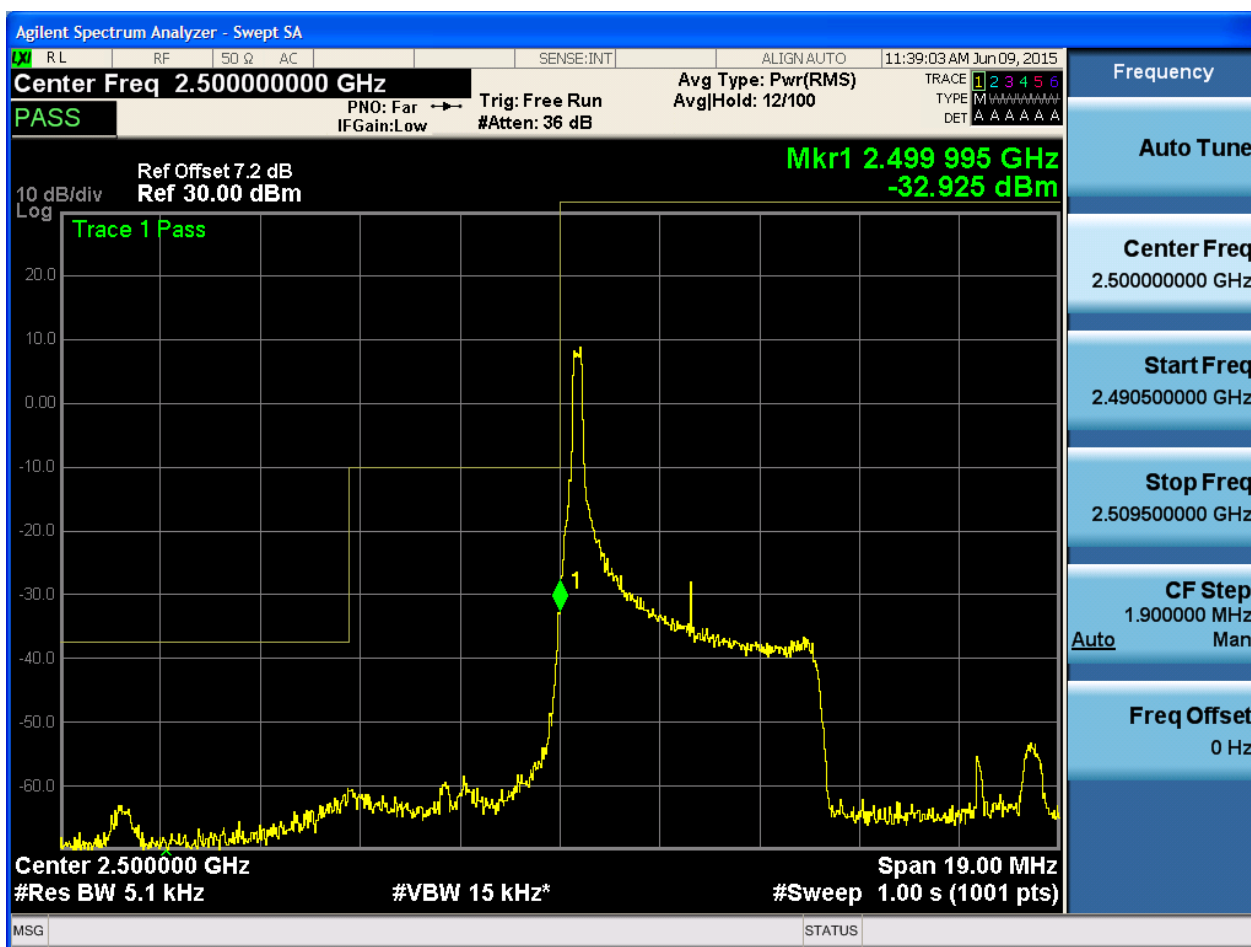


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

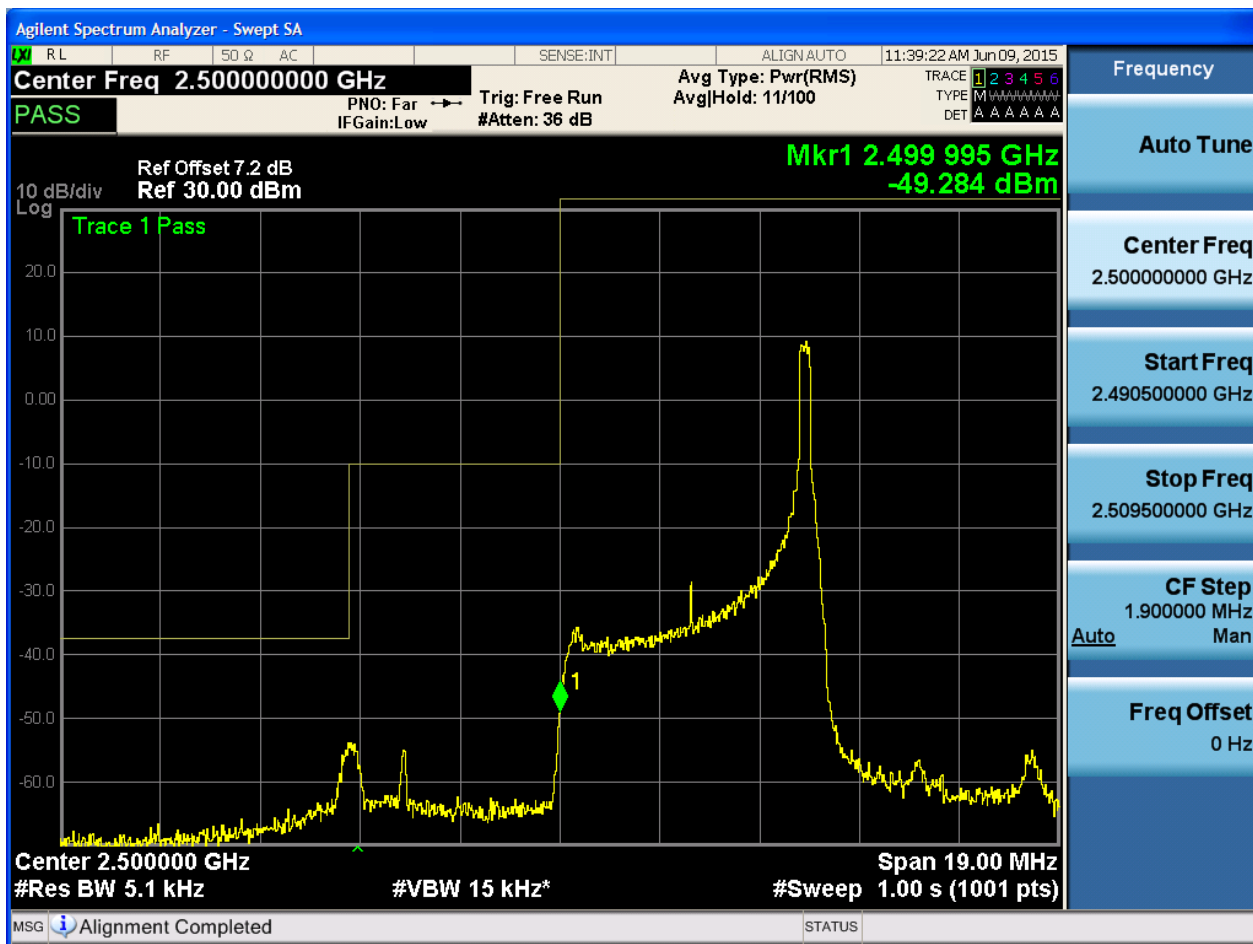
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.50000000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.499 995 GHz
-32.623 dBm

Center 2.500000 GHz
#Res BW 47 kHz
#VBW 150 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Man

Freq Offset
0 Hz

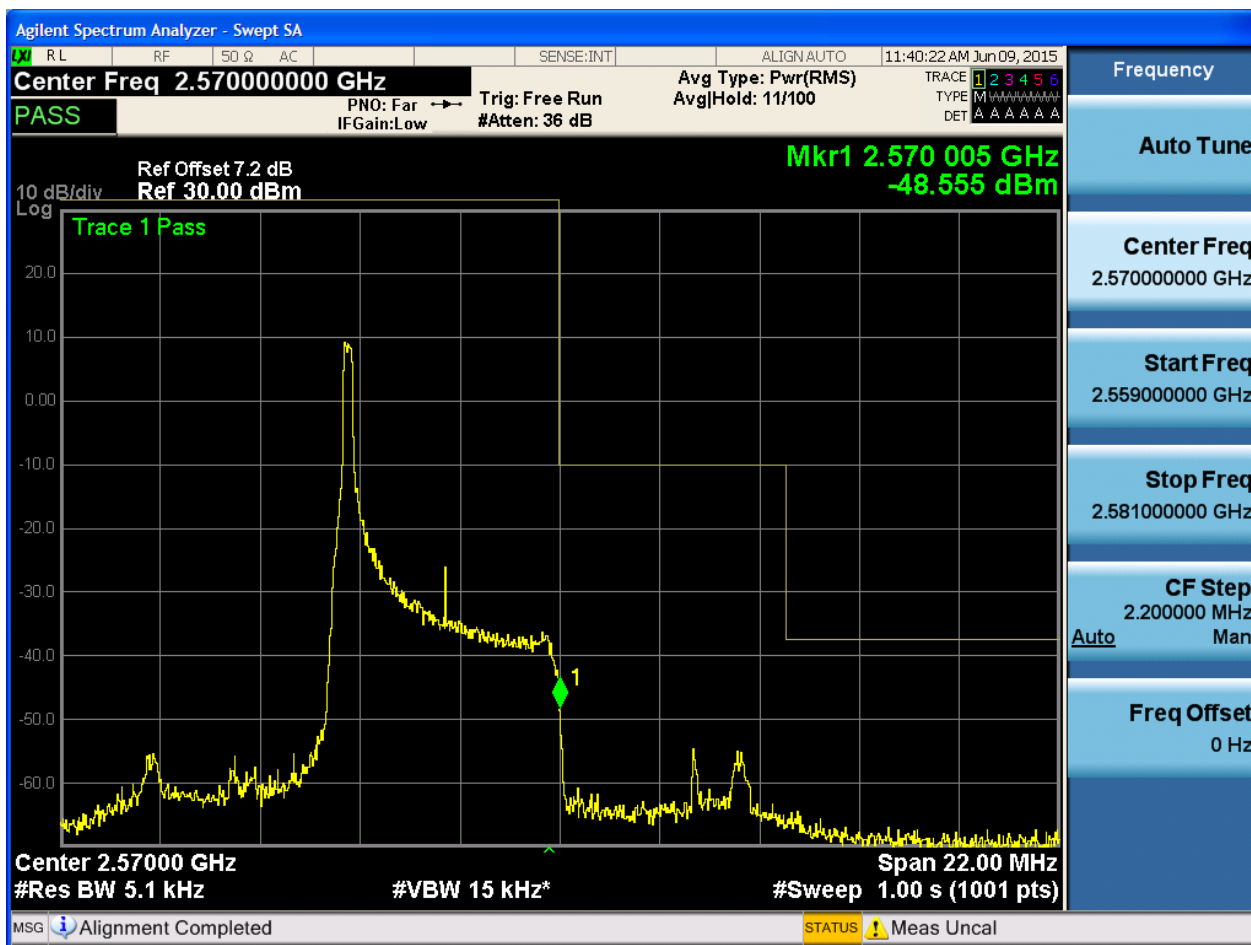


5.1.1.2.1.1.4 Test RB = RB25#0



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



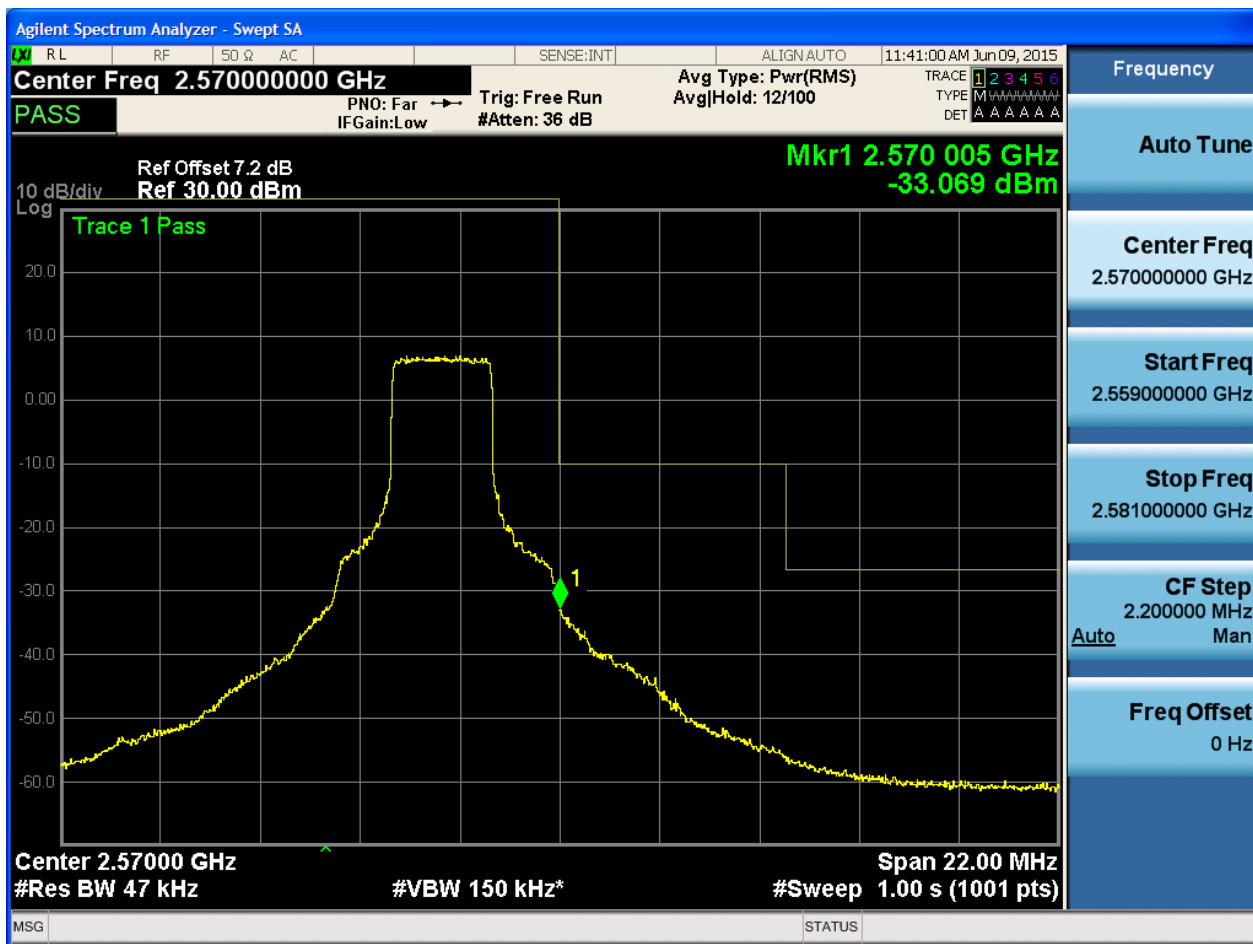


5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





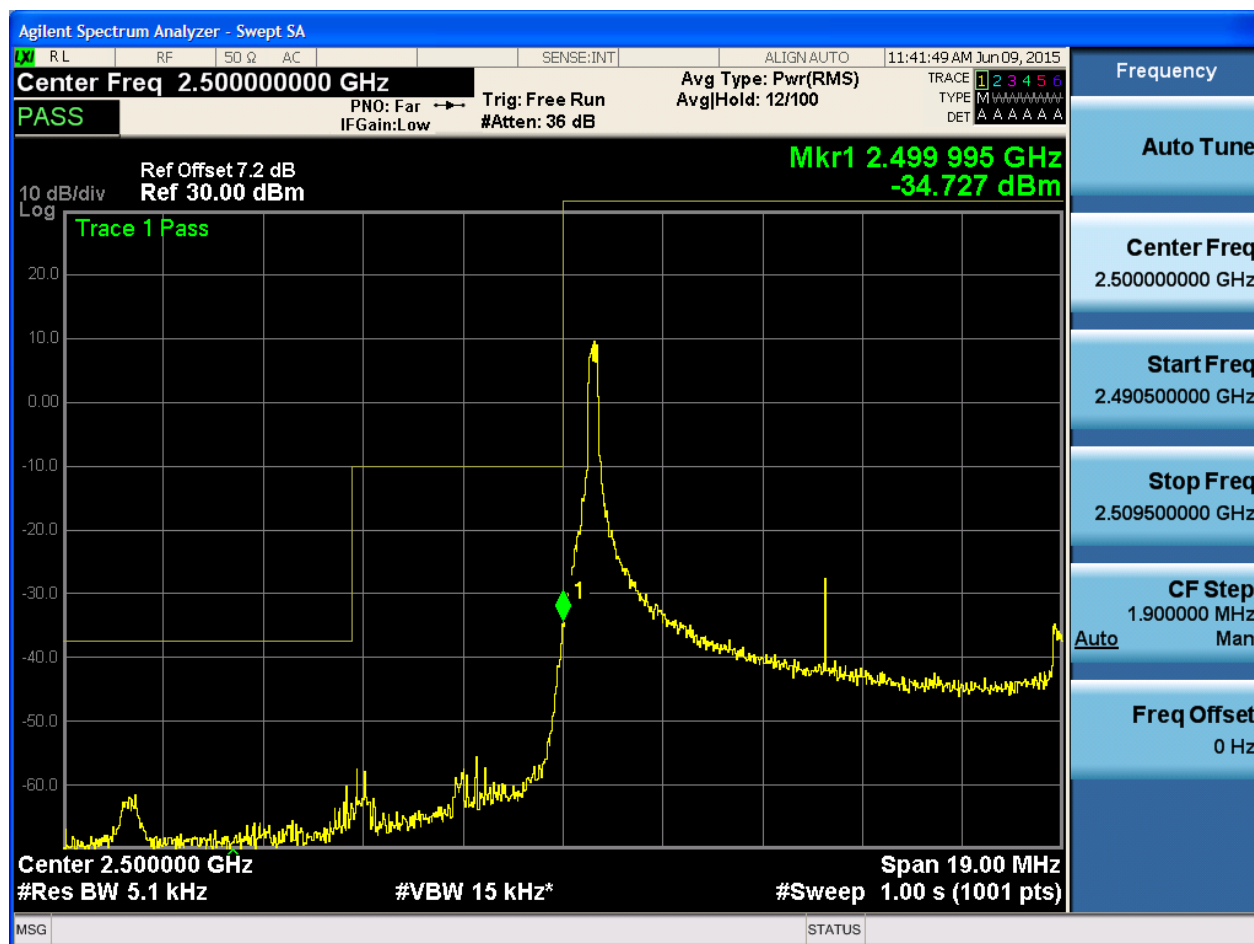
5.1.1.2.1.2.4 Test RB = RB25#0



5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

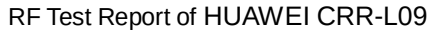
5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.500000000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Trace 1 Pass

Log

10 dB/div

20.0

10.0

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

Center 2.500000 GHz

#Res BW 91 kHz

#VBW 270 kHz*

Span 19.00 MHz

#Sweep 1.00 s (1001 pts)

Trig: Free Run

#Atten: 36 dB

Avg Type: Pwr(RMS)

Avg/Hold: 12/100

TRAC 1 2 3 4 5 6

TYPE M W W W W W W W

DET A A A A A A

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Man

Auto

Freq Offset
0 Hz

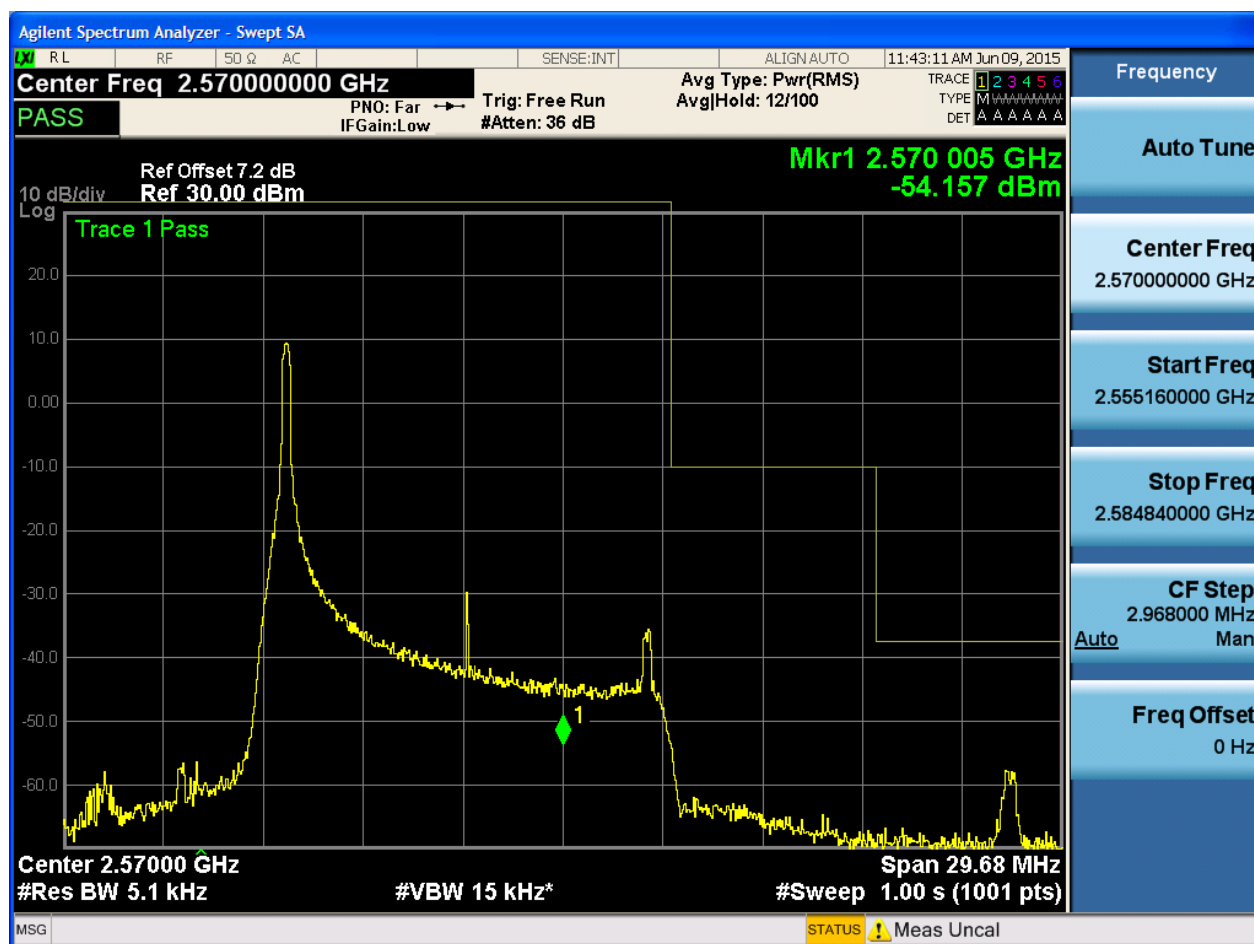


5.1.1.2.2.1.4 Test RB = RB50#0



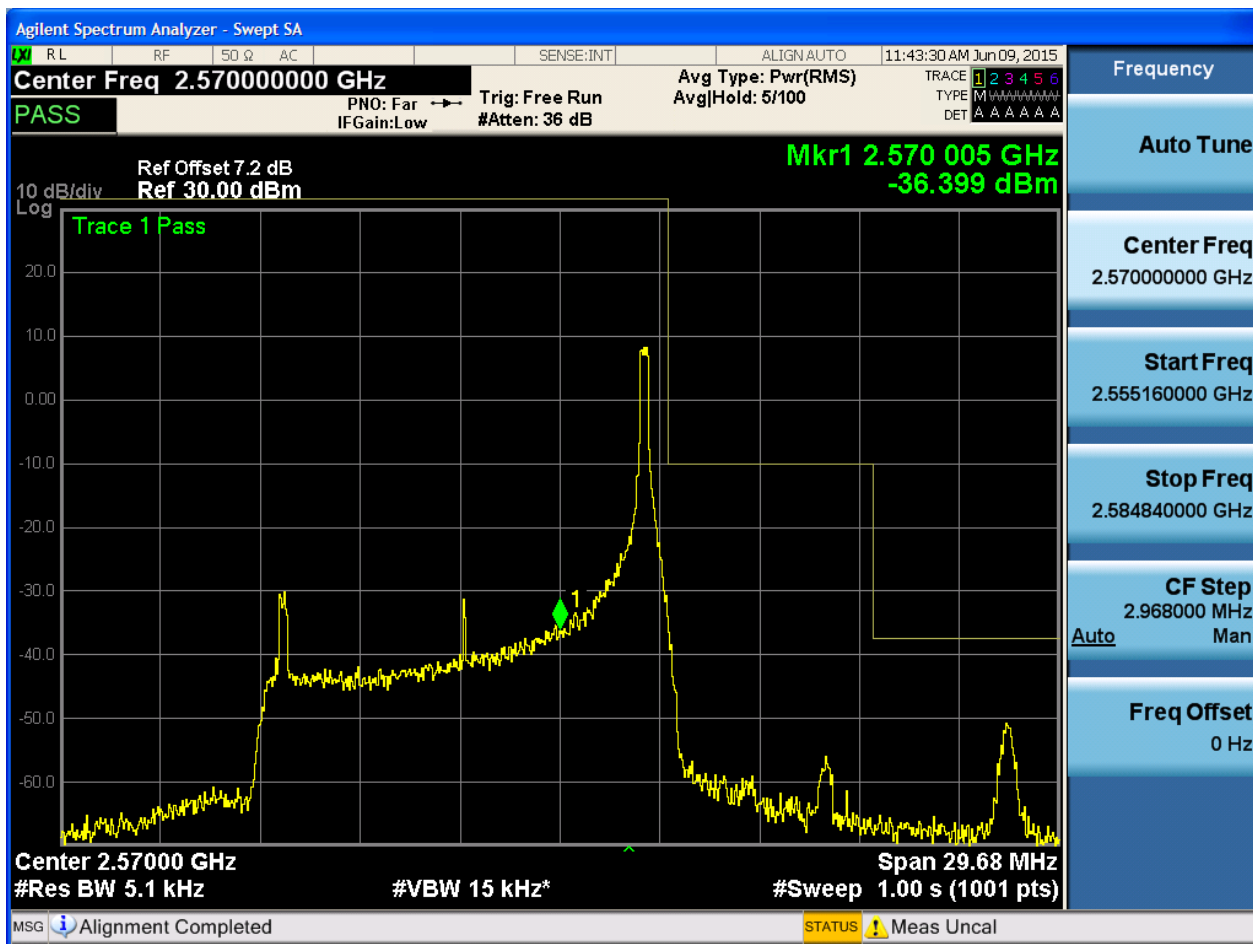
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#49



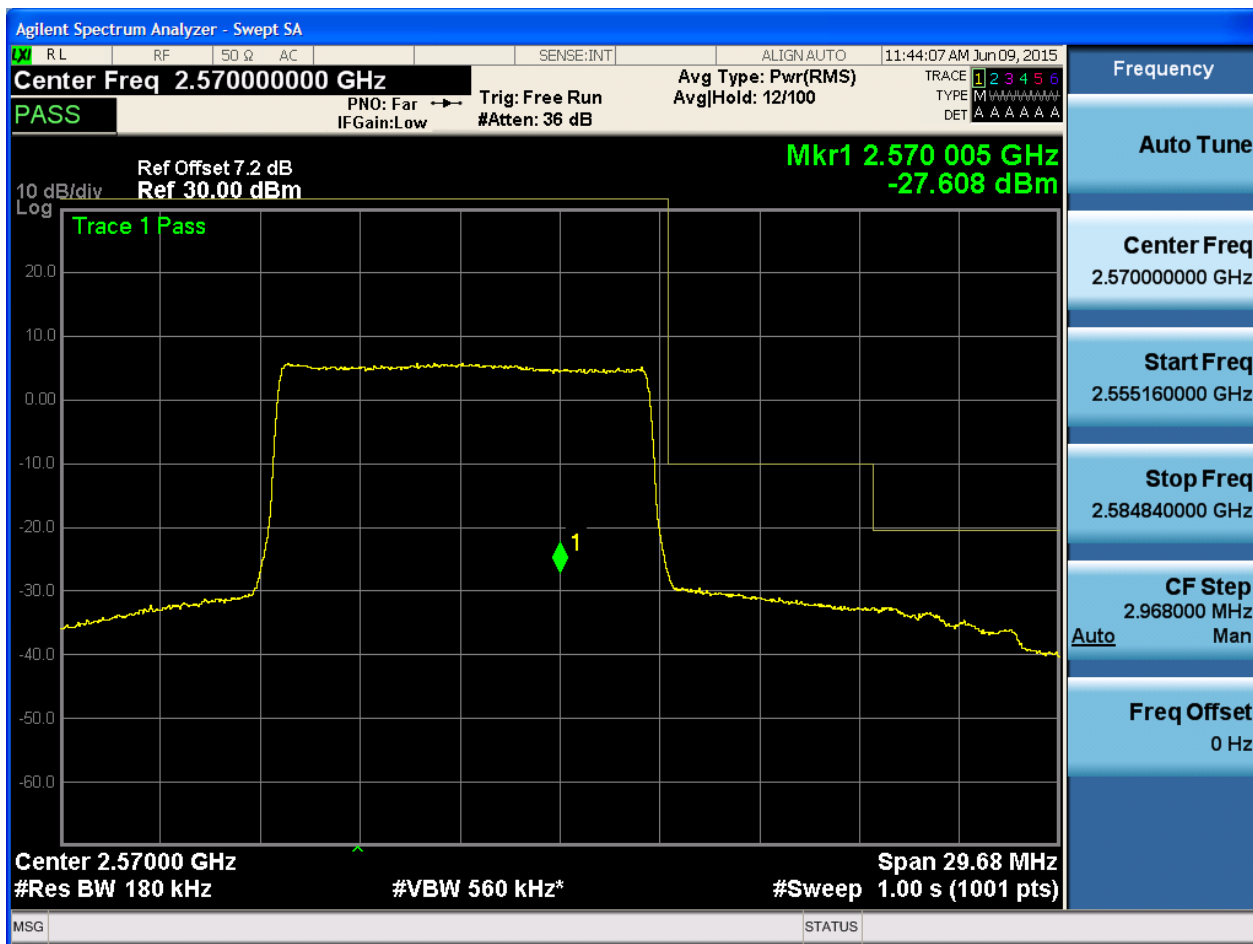


5.1.1.2.2.3 Test RB = RB25#13





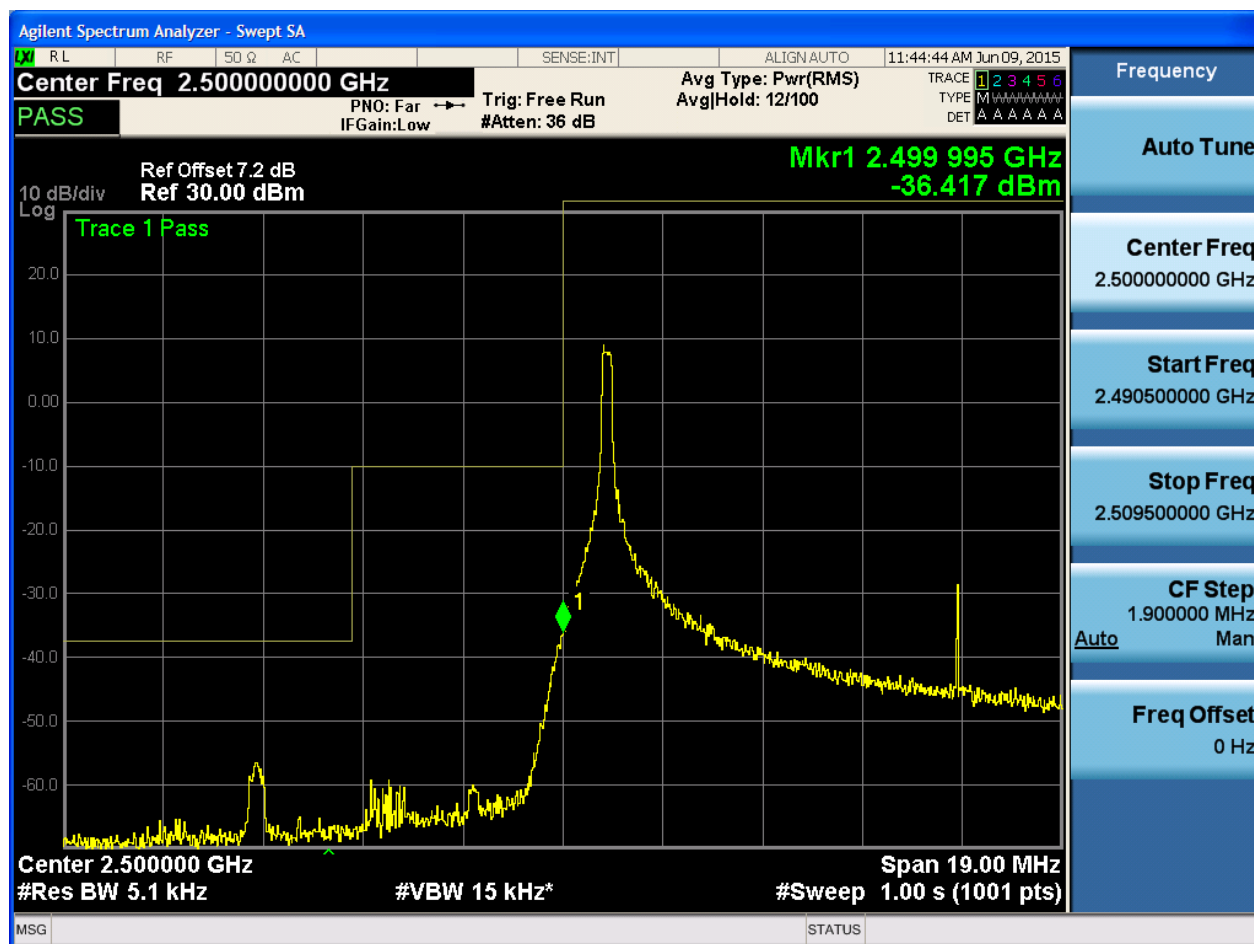
5.1.1.2.2.4 Test RB = RB50#0



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





5.1.1.2.3.1.1 Test RB = RB1#74

