



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
BAND7	LTE/TM1	5	LCH	RB1#0	21.27	18.41	33	PASS
				RB1#13	21.3	18.44	33	PASS
				RB1#24	21.31	18.45	33	PASS
				RB12#0	20.11	17.25	33	PASS
				RB12#6	20.2	17.34	33	PASS
				RB12#13	20.09	17.23	33	PASS
				RB25#0	20.11	17.25	33	PASS
			MCH	RB1#0	21.34	18.48	33	PASS
				RB1#13	21.13	18.27	33	PASS
				RB1#24	21.11	18.25	33	PASS
				RB12#0	20.2	17.34	33	PASS
				RB12#6	20.09	17.23	33	PASS
				RB12#13	20.12	17.26	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.17	17.31	33	PASS
			HCH	RB1#0	21.42	18.56	33	PASS
				RB1#13	21.18	18.32	33	PASS
				RB1#24	21.13	18.27	33	PASS
				RB12#0	20.04	17.18	33	PASS
				RB12#6	19.97	17.11	33	PASS
				RB12#13	19.93	17.07	33	PASS
				RB25#0	20.02	17.16	33	PASS
		10	LCH	RB1#0	21.57	18.71	33	PASS
				RB1#25	21.57	18.71	33	PASS
				RB1#49	21.34	18.48	33	PASS
				RB25#0	20.21	17.35	33	PASS
				RB25#13	20.08	17.22	33	PASS
				RB25#25	20.09	17.23	33	PASS
				RB50#0	20.12	17.26	33	PASS
			MCH	RB1#0	21.48	18.62	33	PASS
				RB1#25	21.54	18.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.24	18.38	33	PASS
				RB25#0	20.17	17.31	33	PASS
				RB25#13	20.1	17.24	33	PASS
				RB25#25	20.08	17.22	33	PASS
				RB50#0	20.18	17.32	33	PASS
			HCH	RB1#0	21.43	18.57	33	PASS
				RB1#25	21.52	18.66	33	PASS
				RB1#49	21.31	18.45	33	PASS
				RB25#0	20.23	17.37	33	PASS
				RB25#13	20.12	17.26	33	PASS
				RB25#25	20.08	17.22	33	PASS
				RB50#0	20.11	17.25	33	PASS
		15	LCH	RB1#0	21.64	18.78	33	PASS
				RB1#38	21.4	18.54	33	PASS
				RB1#74	21.39	18.53	33	PASS
				RB36#0	20.25	17.39	33	PASS
				RB36#18	20.1	17.24	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB36#39	20.04	17.18	33	PASS
				RB75#0	20.17	17.31	33	PASS
			MCH	RB1#0	21.57	18.71	33	PASS
				RB1#38	21.22	18.36	33	PASS
				RB1#74	21.16	18.3	33	PASS
				RB36#0	20.24	17.38	33	PASS
				RB36#18	20.08	17.22	33	PASS
				RB36#39	20.04	17.18	33	PASS
				RB75#0	20.12	17.26	33	PASS
			HCH	RB1#0	21.57	18.71	33	PASS
				RB1#38	21.33	18.47	33	PASS
				RB1#74	21.27	18.41	33	PASS
				RB36#0	20.26	17.4	33	PASS
				RB36#18	20.14	17.28	33	PASS
				RB36#39	20.1	17.24	33	PASS
				RB75#0	20.11	17.25	33	PASS
		20	LCH	RB1#0	21.3	18.44	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.21	18.35	33	PASS
				RB1#99	20.96	18.1	33	PASS
				RB50#0	20.26	17.4	33	PASS
				RB50#25	20.2	17.34	33	PASS
				RB50#50	20.08	17.22	33	PASS
				RB100#0	20.16	17.3	33	PASS
			MCH	RB1#0	21.42	18.56	33	PASS
				RB1#50	21.12	18.26	33	PASS
				RB1#99	21.08	18.22	33	PASS
				RB50#0	20.22	17.36	33	PASS
				RB50#25	20.12	17.26	33	PASS
				RB50#50	20.05	17.19	33	PASS
				RB100#0	20.08	17.22	33	PASS
			HCH	RB1#0	21.28	18.42	33	PASS
				RB1#50	21.23	18.37	33	PASS
				RB1#99	20.96	18.1	33	PASS
				RB50#0	20.24	17.38	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.16	17.3	33	PASS
				RB50#50	20.02	17.16	33	PASS
				RB100#0	20.16	17.3	33	PASS
	LTE/TM2	5	LCH	RB1#0	20.13	17.27	33	PASS
				RB1#13	19.99	17.13	33	PASS
				RB1#24	19.75	16.89	33	PASS
				RB12#0	18.91	16.05	33	PASS
				RB12#6	18.89	16.03	33	PASS
				RB12#13	18.97	16.11	33	PASS
				RB25#0	18.99	16.13	33	PASS
			MCH	RB1#0	19.71	16.85	33	PASS
				RB1#13	19.69	16.83	33	PASS
				RB1#24	19.56	16.7	33	PASS
				RB12#0	19.11	16.25	33	PASS
				RB12#6	19.11	16.25	33	PASS
				RB12#13	19.13	16.27	33	PASS
				RB25#0	19.21	16.35	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	19.68	16.82	33	PASS
				RB1#13	19.68	16.82	33	PASS
				RB1#24	19.72	16.86	33	PASS
				RB12#0	19.1	16.24	33	PASS
				RB12#6	19.08	16.22	33	PASS
				RB12#13	19.15	16.29	33	PASS
				RB25#0	19.18	16.32	33	PASS
		10	LCH	RB1#0	20.39	17.53	33	PASS
				RB1#25	20.48	17.62	33	PASS
				RB1#49	20.26	17.4	33	PASS
				RB25#0	19.29	16.43	33	PASS
				RB25#13	19.27	16.41	33	PASS
				RB25#25	19.06	16.2	33	PASS
				RB50#0	19.12	16.26	33	PASS
			MCH	RB1#0	20.38	17.52	33	PASS
				RB1#25	20.45	17.59	33	PASS
				RB1#49	20.28	17.42	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	19.37	16.51	33	PASS
				RB25#13	19.2	16.34	33	PASS
				RB25#25	19.18	16.32	33	PASS
				RB50#0	19.21	16.35	33	PASS
			HCH	RB1#0	20.4	17.54	33	PASS
				RB1#25	20.46	17.6	33	PASS
				RB1#49	20.3	17.44	33	PASS
				RB25#0	19.35	16.49	33	PASS
				RB25#13	19.26	16.4	33	PASS
				RB25#25	19.11	16.25	33	PASS
				RB50#0	19.25	16.39	33	PASS
		15	LCH	RB1#0	20.37	17.51	33	PASS
				RB1#38	20.15	17.29	33	PASS
				RB1#74	20.06	17.2	33	PASS
				RB36#0	19.27	16.41	33	PASS
				RB36#18	19.22	16.36	33	PASS
				RB36#39	19.14	16.28	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	19.19	16.33	33	PASS
			MCH	RB1#0	20.31	17.45	33	PASS
				RB1#38	20.09	17.23	33	PASS
				RB1#74	20.12	17.26	33	PASS
				RB36#0	19.33	16.47	33	PASS
				RB36#18	19.36	16.5	33	PASS
				RB36#39	19.2	16.34	33	PASS
				RB75#0	19.31	16.45	33	PASS
			HCH	RB1#0	20.31	17.45	33	PASS
				RB1#38	20.1	17.24	33	PASS
				RB1#74	20.07	17.21	33	PASS
				RB36#0	19.29	16.43	33	PASS
				RB36#18	19.28	16.42	33	PASS
				RB36#39	19.22	16.36	33	PASS
				RB75#0	19.24	16.38	33	PASS
		20	LCH	RB1#0	20.62	17.76	33	PASS
				RB1#50	20.57	17.71	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	20.37	17.51	33	PASS
				RB50#0	19.45	16.59	33	PASS
				RB50#25	19.29	16.43	33	PASS
				RB50#50	19.31	16.45	33	PASS
				RB100#0	19.28	16.42	33	PASS
			MCH	RB1#0	20.96	18.1	33	PASS
				RB1#50	20.52	17.66	33	PASS
				RB1#99	20.11	17.25	33	PASS
				RB50#0	19.42	16.56	33	PASS
				RB50#25	19.23	16.37	33	PASS
				RB50#50	19.27	16.41	33	PASS
				RB100#0	19.21	16.35	33	PASS
			HCH	RB1#0	20.89	18.03	33	PASS
				RB1#50	20.96	18.1	33	PASS
				RB1#99	20.22	17.36	33	PASS
				RB50#0	19.33	16.47	33	PASS
				RB50#25	19.26	16.4	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	19.13	16.27	33	PASS
				RB100#0	19.2	16.34	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: 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	4.44	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.36	13	PASS
				RB12#0	5.06	13	PASS
				RB12#6	4.91	13	PASS
				RB12#13	5.02	13	PASS
				RB25#0	5.34	13	PASS
			MCH	RB1#0	4.38	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.34	13	PASS
				RB12#0	5.04	13	PASS
				RB12#6	4.85	13	PASS
				RB12#13	4.98	13	PASS
				RB25#0	5.34	13	PASS
			HCH	RB1#0	4.56	13	PASS
				RB1#13	4.55	13	PASS
				RB1#24	4.59	13	PASS
				RB12#0	5.19	13	PASS
				RB12#6	5.08	13	PASS
				RB12#13	5.18	13	PASS
				RB25#0	5.47	13	PASS
		10	LCH	RB1#0	4.49	13	PASS
				RB1#25	4.42	13	PASS
				RB1#49	4.48	13	PASS
				RB25#0	5	13	PASS
				RB25#13	5.13	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	5.49	13	PASS
			MCH	RB1#0	4.5	13	PASS
				RB1#25	4.35	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.48	13	PASS
				RB25#0	5.01	13	PASS
				RB25#13	5.03	13	PASS
				RB25#25	4.99	13	PASS
				RB50#0	5.52	13	PASS
			HCH	RB1#0	4.66	13	PASS
				RB1#25	4.62	13	PASS
				RB1#49	4.63	13	PASS
				RB25#0	5.18	13	PASS
				RB25#13	5.19	13	PASS
				RB25#25	5.16	13	PASS
				RB50#0	6.27	13	PASS
		15	LCH	RB1#0	4.46	13	PASS
				RB1#38	4.52	13	PASS
				RB1#74	4.56	13	PASS
				RB36#0	5.06	13	PASS
				RB36#18	5.01	13	PASS
				RB36#39	5.22	13	PASS
				RB75#0	5.97	13	PASS
			MCH	RB1#0	4.47	13	PASS
				RB1#38	4.44	13	PASS
				RB1#74	4.43	13	PASS
				RB36#0	5.08	13	PASS
				RB36#18	4.97	13	PASS
				RB36#39	5.05	13	PASS
				RB75#0	5.85	13	PASS
			HCH	RB1#0	4.59	13	PASS
				RB1#38	4.65	13	PASS
				RB1#74	4.64	13	PASS
				RB36#0	5.2	13	PASS
				RB36#18	5.13	13	PASS
				RB36#39	5.23	13	PASS
				RB75#0	6.04	13	PASS
		20	LCH	RB1#0	4.53	13	PASS
				RB1#50	4.53	13	PASS
				RB1#99	4.6	13	PASS
				RB50#0	5.14	13	PASS
				RB50#25	5.22	13	PASS
				RB50#50	5.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	5.73	13	PASS
			MCH	RB1#0	4.57	13	PASS
				RB1#50	4.43	13	PASS
				RB1#99	4.54	13	PASS
				RB50#0	5.14	13	PASS
				RB50#25	5.06	13	PASS
				RB50#50	5.09	13	PASS
				RB100#0	5.92	13	PASS
			HCH	RB1#0	4.6	13	PASS
				RB1#50	4.62	13	PASS
				RB1#99	4.67	13	PASS
				RB50#0	5.24	13	PASS
				RB50#25	5.25	13	PASS
				RB50#50	5.27	13	PASS
				RB100#0	6.17	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.39	13	PASS
				RB1#13	5.33	13	PASS
				RB1#24	5.39	13	PASS
				RB12#0	5.87	13	PASS
				RB12#6	5.78	13	PASS
				RB12#13	5.93	13	PASS
				RB25#0	6.43	13	PASS
			MCH	RB1#0	5.39	13	PASS
				RB1#13	5.32	13	PASS
				RB1#24	5.31	13	PASS
				RB12#0	5.8	13	PASS
				RB12#6	5.7	13	PASS
				RB12#13	5.89	13	PASS
				RB25#0	6.42	13	PASS
			HCH	RB1#0	5.57	13	PASS
				RB1#13	5.51	13	PASS
				RB1#24	5.56	13	PASS
				RB12#0	5.98	13	PASS
				RB12#6	5.95	13	PASS
				RB12#13	6.07	13	PASS
				RB25#0	6.51	13	PASS
		10	LCH	RB1#0	5.59	13	PASS
				RB1#25	5.44	13	PASS
				RB1#49	5.54	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.1	13	PASS
				RB25#13	5.97	13	PASS
				RB25#25	6.13	13	PASS
				RB50#0	6.46	13	PASS
			MCH	RB1#0	5.46	13	PASS
				RB1#25	5.38	13	PASS
				RB1#49	5.55	13	PASS
				RB25#0	6.06	13	PASS
				RB25#13	5.85	13	PASS
				RB25#25	5.95	13	PASS
				RB50#0	6.99	13	PASS
			HCH	RB1#0	5.73	13	PASS
				RB1#25	5.63	13	PASS
				RB1#49	5.72	13	PASS
				RB25#0	6.28	13	PASS
				RB25#13	6.17	13	PASS
				RB25#25	6.27	13	PASS
				RB50#0	6.25	13	PASS
		15	LCH	RB1#0	5.59	13	PASS
				RB1#38	5.61	13	PASS
				RB1#74	5.63	13	PASS
				RB36#0	6	13	PASS
				RB36#18	5.99	13	PASS
				RB36#39	6.13	13	PASS
				RB75#0	6.75	13	PASS
			MCH	RB1#0	5.48	13	PASS
				RB1#38	5.45	13	PASS
				RB1#74	5.4	13	PASS
				RB36#0	6.02	13	PASS
				RB36#18	5.9	13	PASS
				RB36#39	5.99	13	PASS
				RB75#0	6.51	13	PASS
			HCH	RB1#0	5.61	13	PASS
				RB1#38	5.7	13	PASS
				RB1#74	5.66	13	PASS
				RB36#0	6.17	13	PASS
				RB36#18	6.15	13	PASS
				RB36#39	6.2	13	PASS
				RB75#0	6.72	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	5.03	13	PASS
				RB1#50	4.95	13	PASS
				RB1#99	5.04	13	PASS
				RB50#0	6.03	13	PASS
				RB50#25	6.02	13	PASS
				RB50#50	6.12	13	PASS
				RB100#0	6.67	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#50	4.88	13	PASS
				RB1#99	5.01	13	PASS
				RB50#0	5.98	13	PASS
				RB50#25	5.91	13	PASS
				RB50#50	5.97	13	PASS
				RB100#0	6.91	13	PASS
			HCH	RB1#0	5.04	13	PASS
				RB1#50	5.02	13	PASS
				RB1#99	5.15	13	PASS
				RB50#0	6.11	13	PASS
				RB50#25	6.14	13	PASS
				RB50#50	6.14	13	PASS
				RB100#0	6.59	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

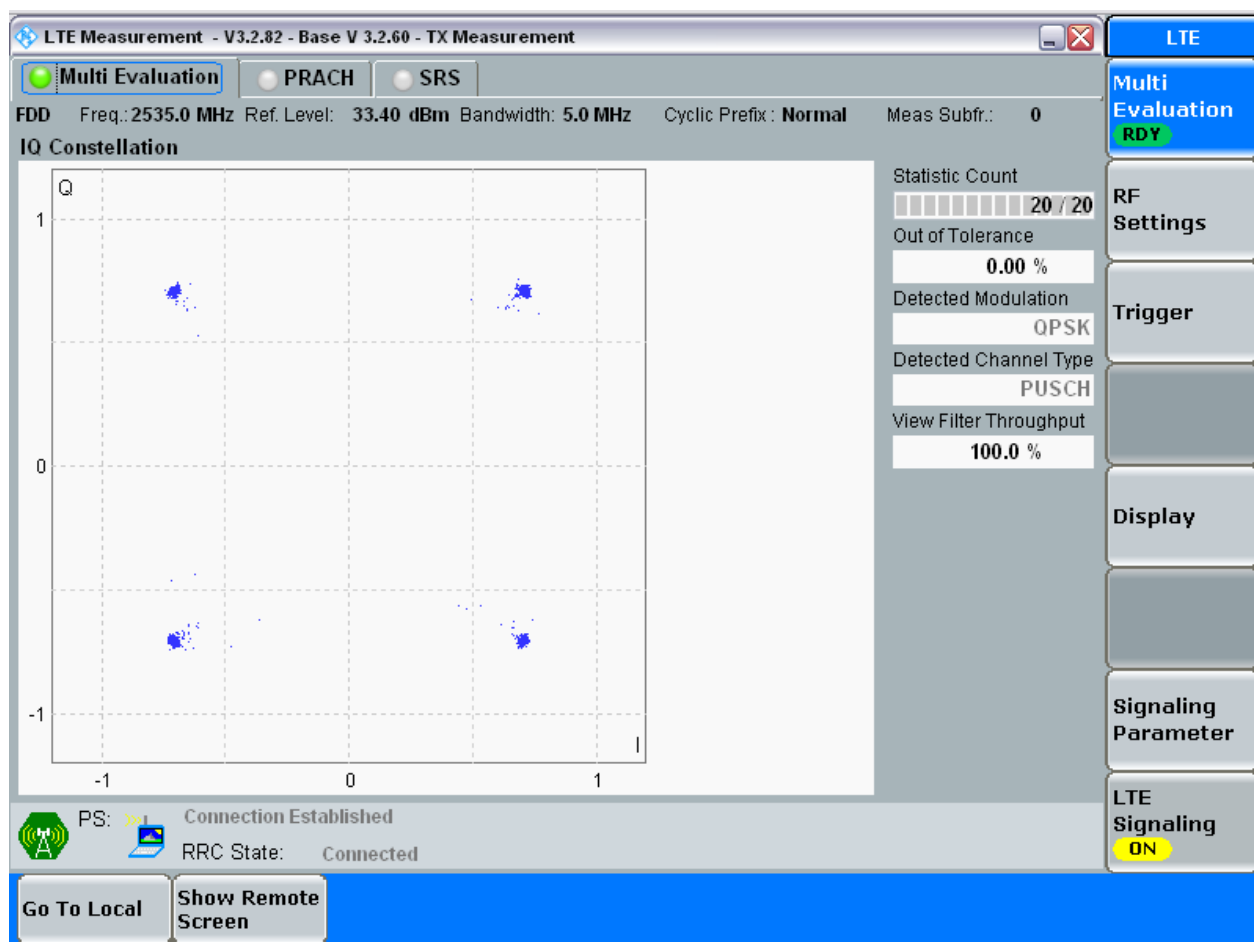
3.1.1 Test Band = BAND7

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

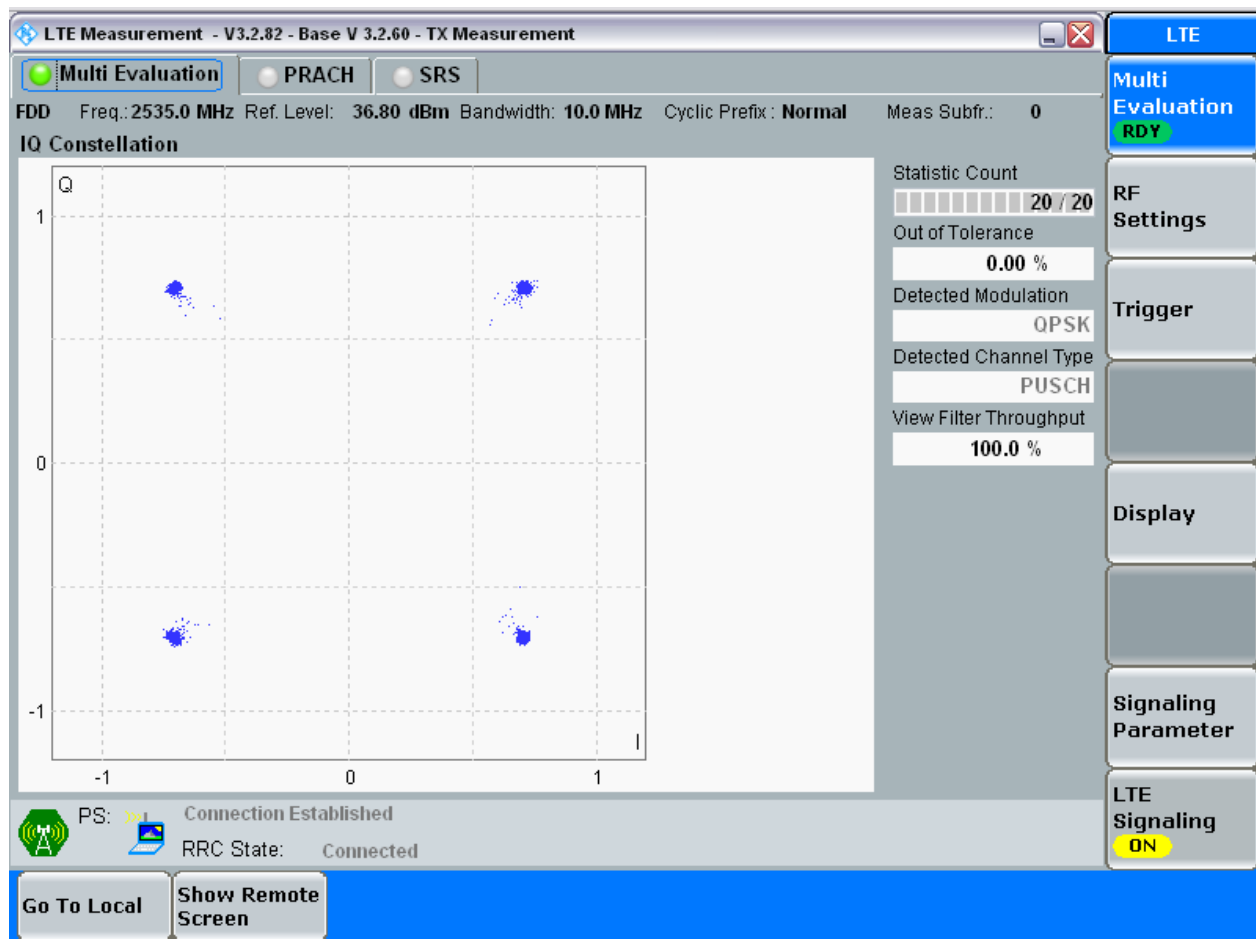
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

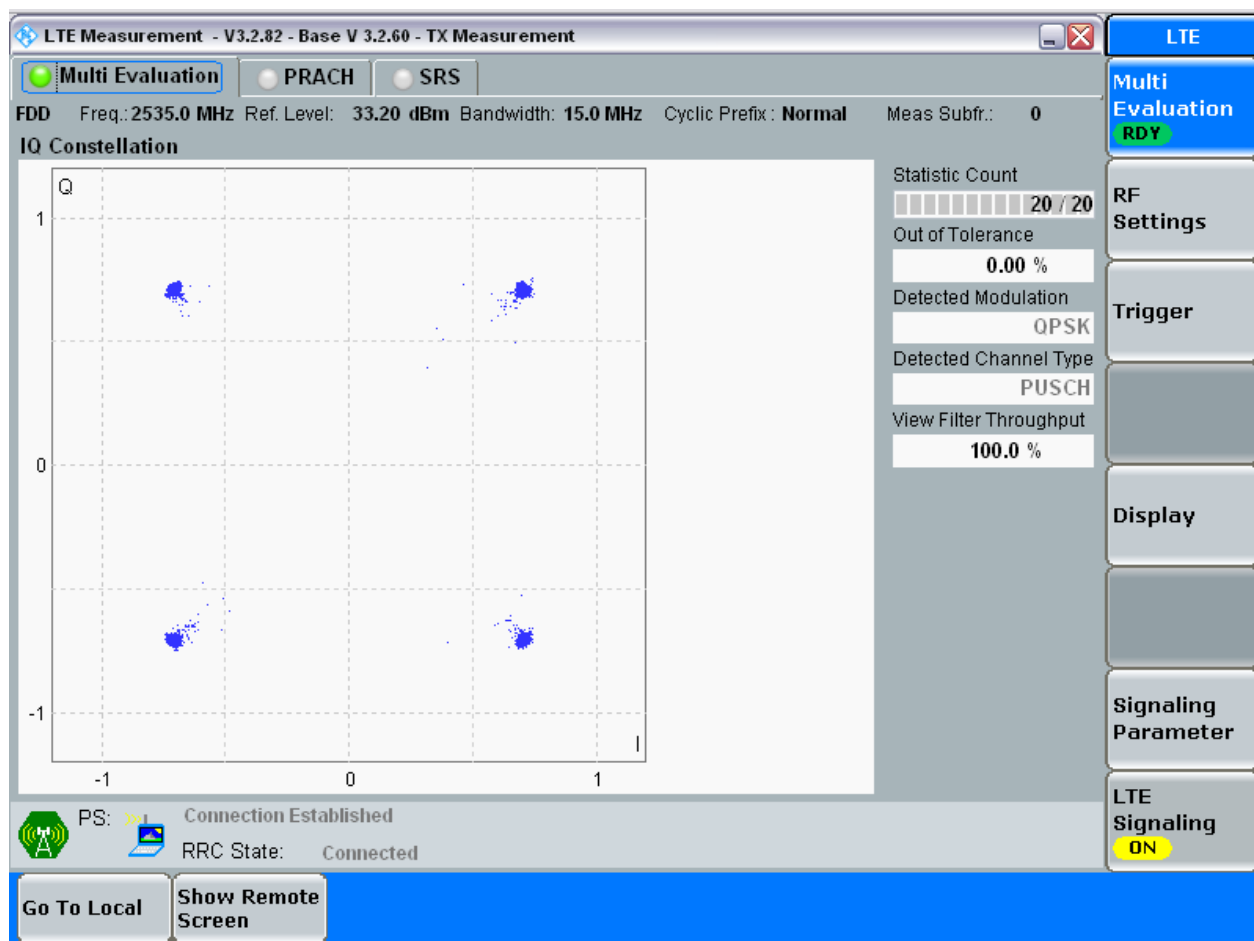
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

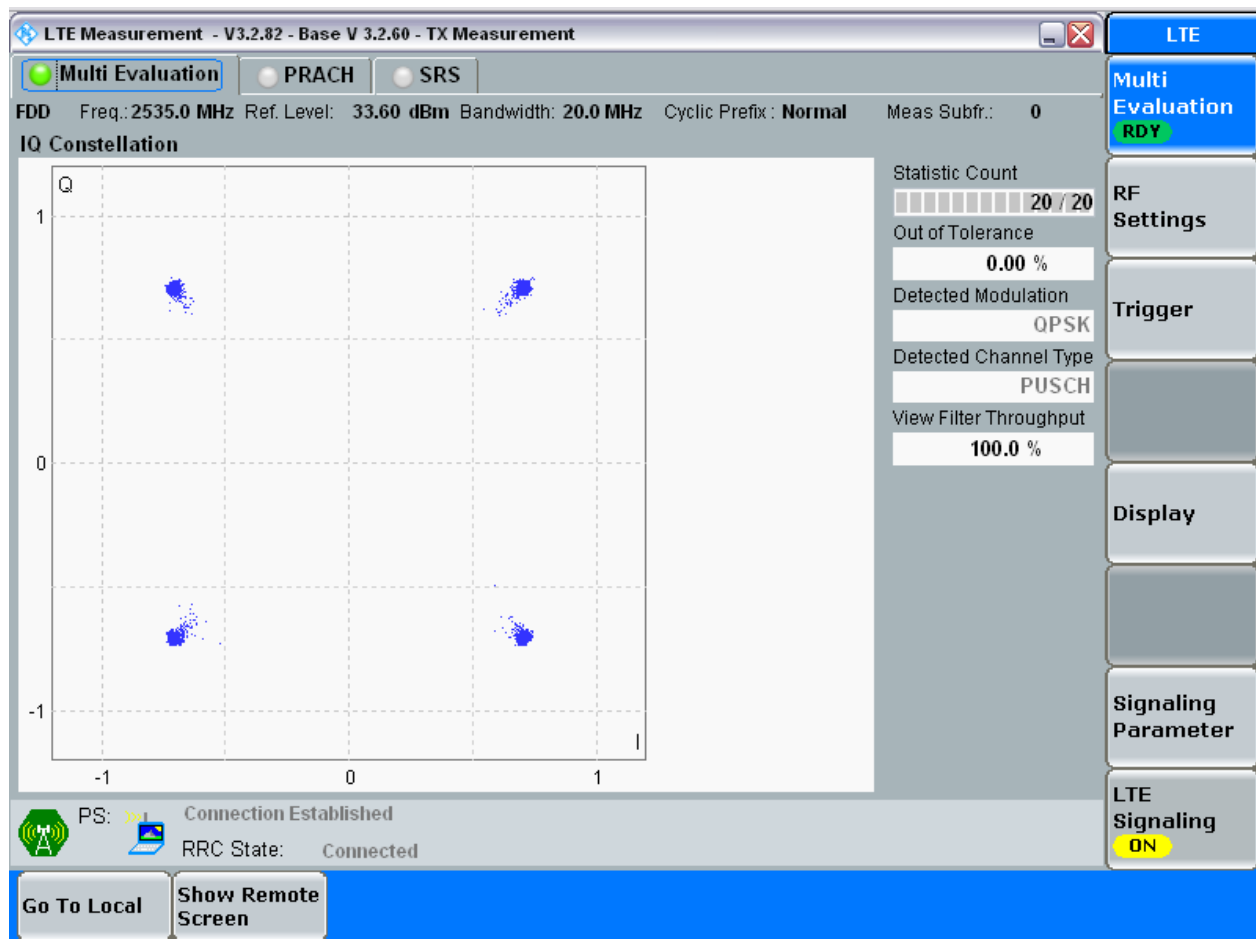
3.2.1.1.3.1.1 Test RB = RB75#0



3.1.1.4 Test Bandwidth = 20

3.1.1.4.1 Test Channel = MCH

3.1.1.4.1.1 Test RB = RB100#0

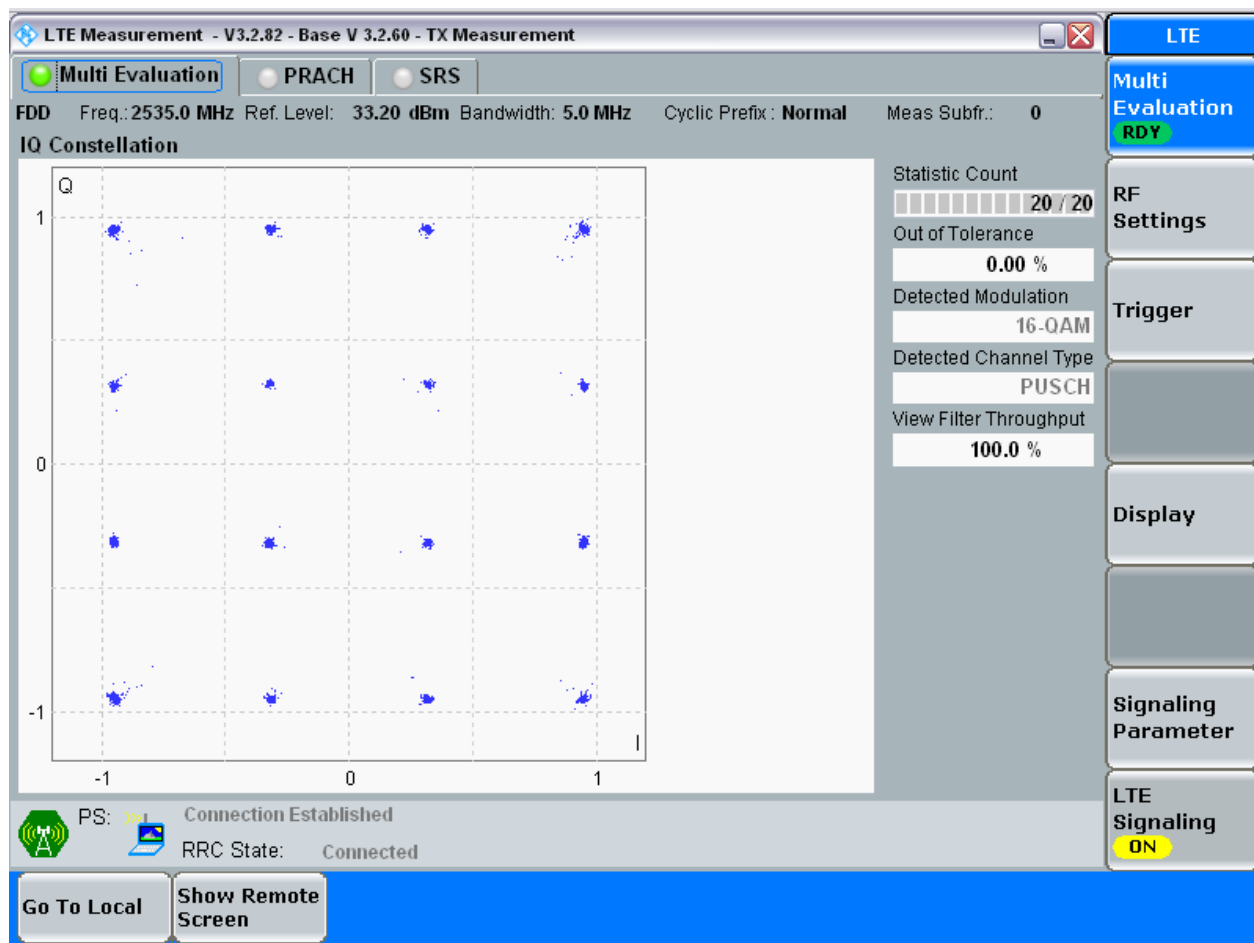


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

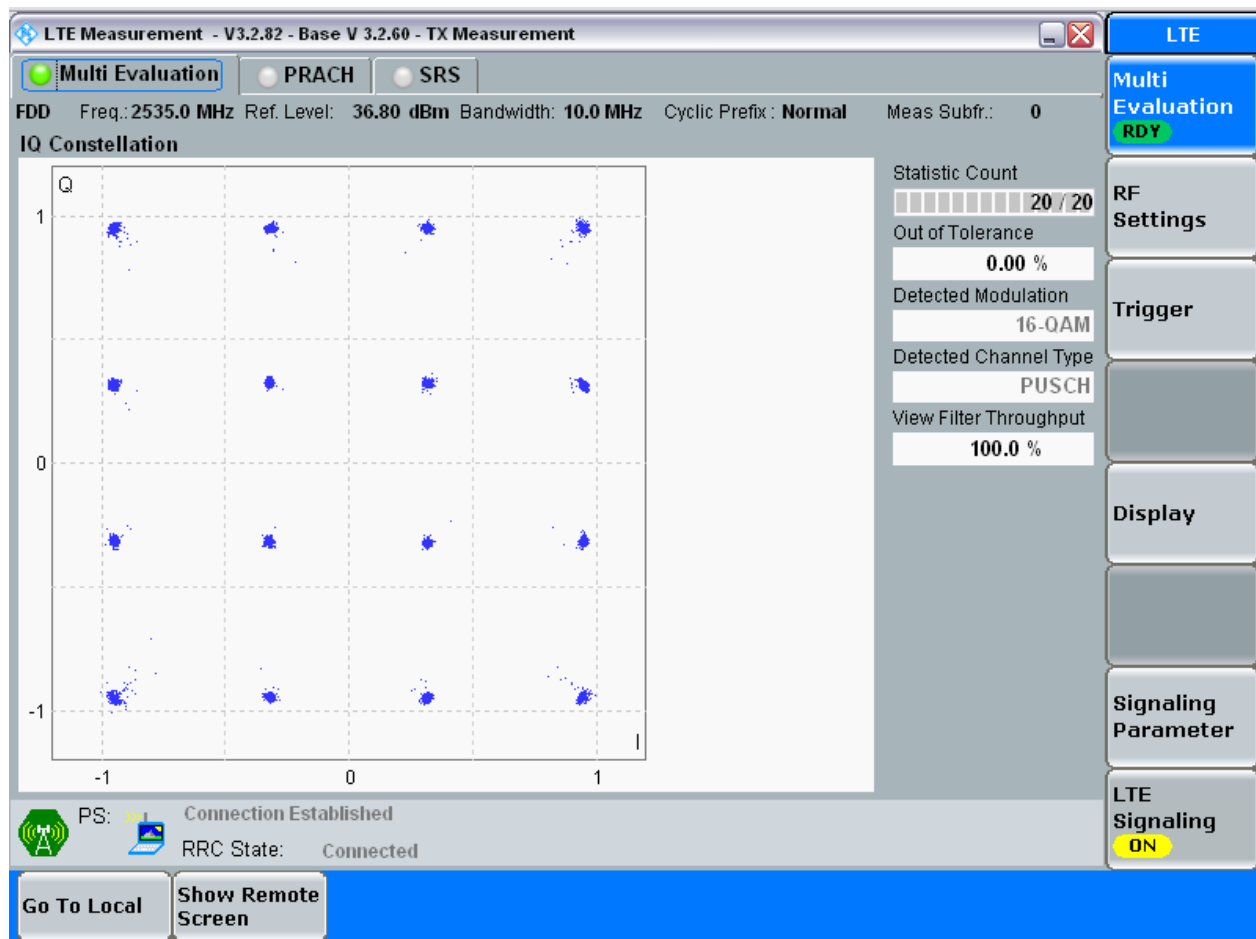
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

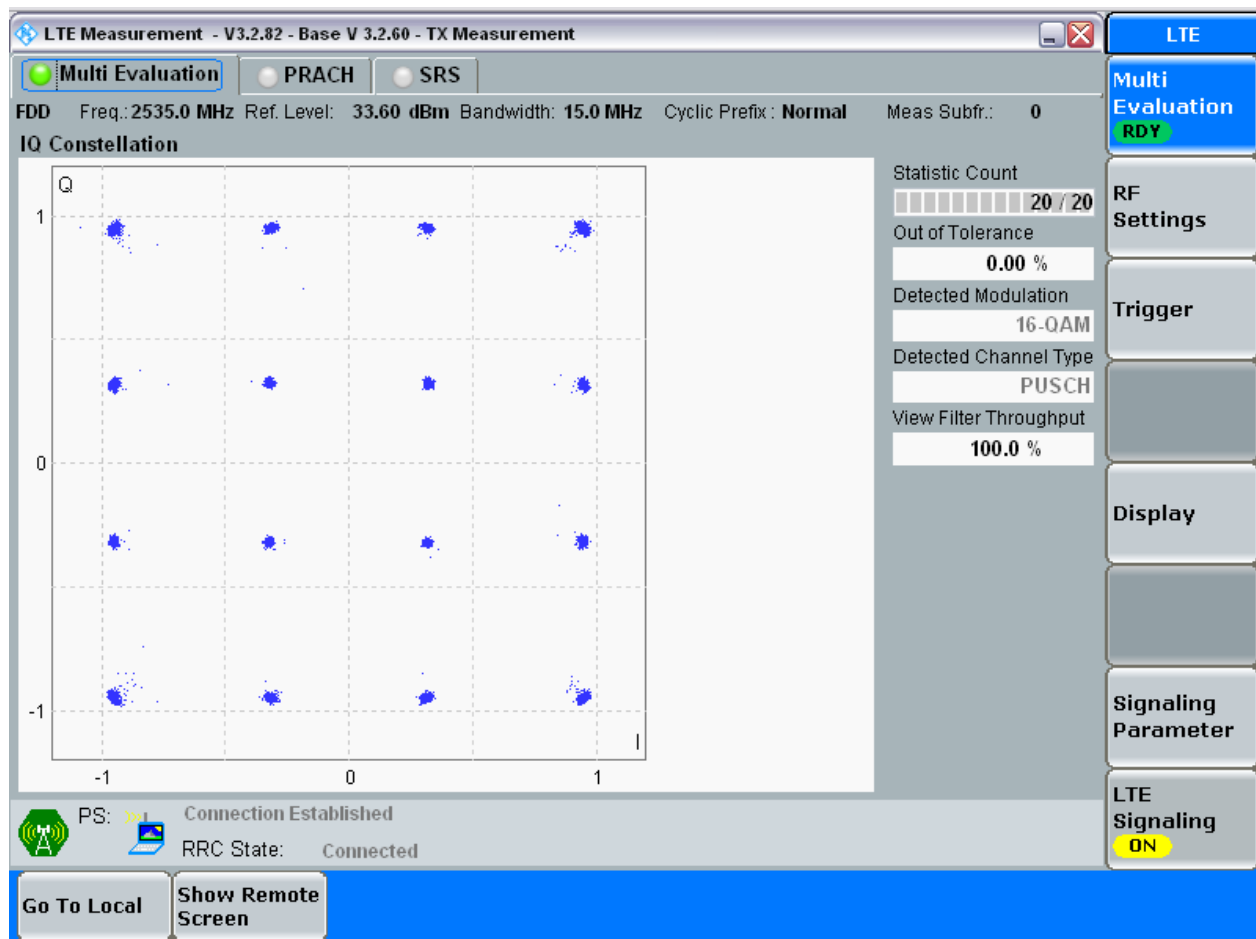
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

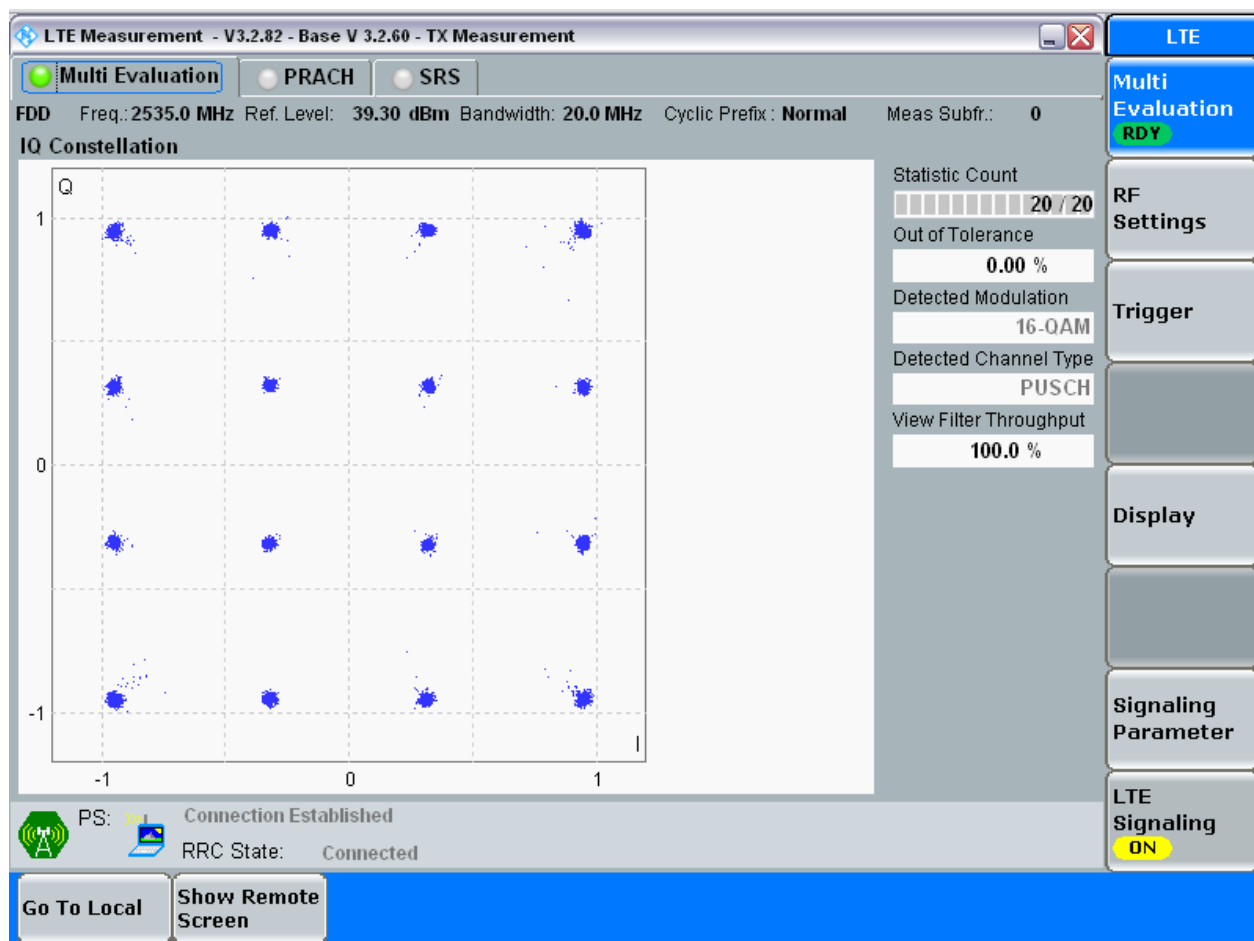
3.1.1.2.3.1.1 Test RB = RB75#0



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	4.88	Pass
			MCH	RB25#0	4.51	4.92	Pass
			HCH	RB25#0	4.51	4.90	Pass
		10	LCH	RB50#0	8.98	9.63	Pass
			MCH	RB50#0	8.99	9.62	Pass
			HCH	RB50#0	8.99	9.62	Pass
		15	LCH	RB75#0	13.48	14.30	Pass
			MCH	RB75#0	13.48	14.32	Pass
			HCH	RB75#0	13.49	14.32	Pass
		20	LCH	RB100#0	17.93	18.97	Pass
			MCH	RB100#0	17.94	18.96	Pass
			HCH	RB100#0	17.94	18.98	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.88	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.51	4.90	Pass
		10	LCH	RB50#0	8.97	9.61	Pass
			MCH	RB50#0	8.98	9.56	Pass
			HCH	RB50#0	8.98	9.55	Pass
		15	LCH	RB75#0	13.48	14.27	Pass
			MCH	RB75#0	13.48	14.30	Pass
			HCH	RB75#0	13.49	14.29	Pass
		20	LCH	RB100#0	17.94	18.98	Pass
			MCH	RB100#0	17.95	18.99	Pass
			HCH	RB100#0	17.95	18.99	Pass



Part II - Test Plots

4.1 For LTE

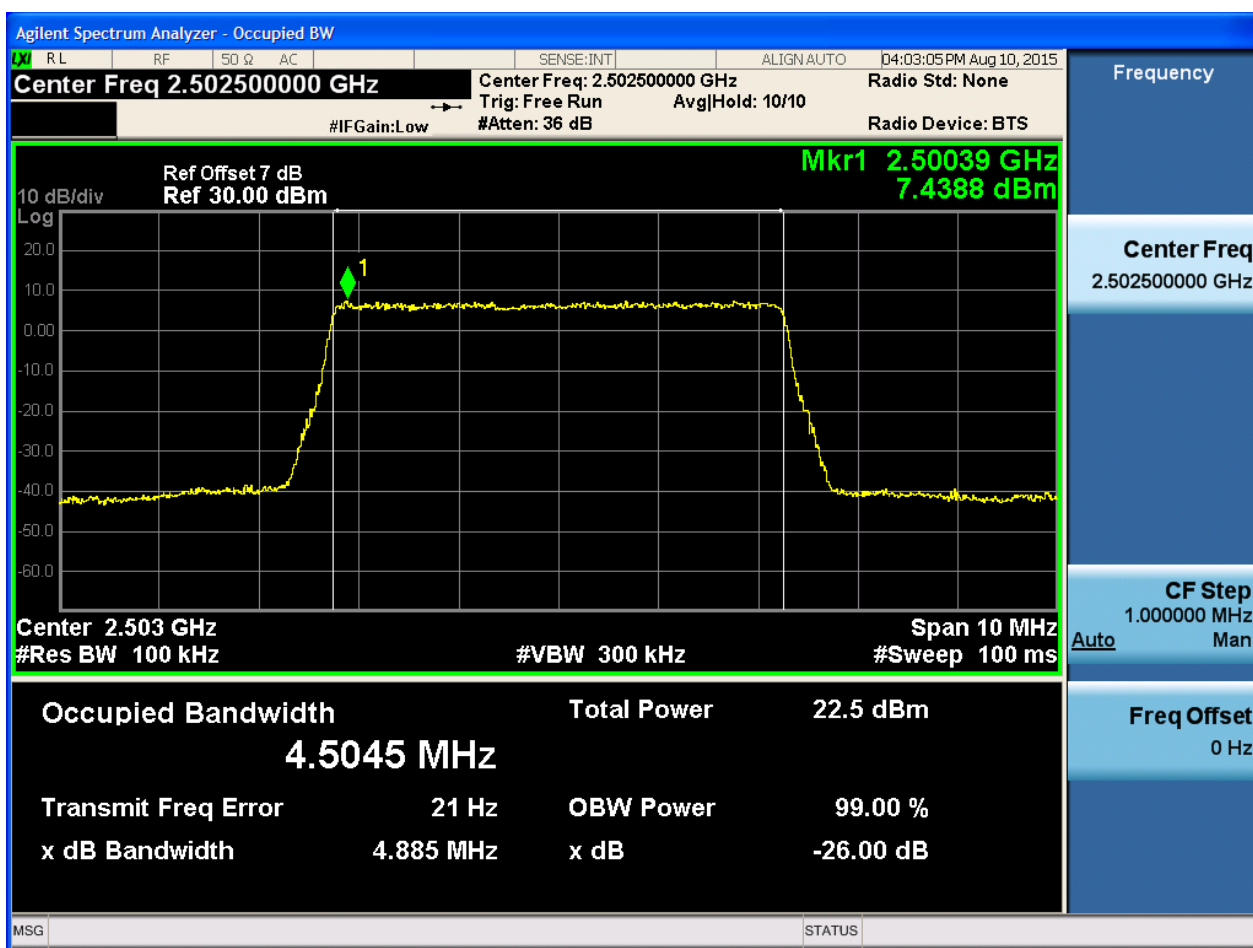
4.1.1 Test Band = BAND7

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

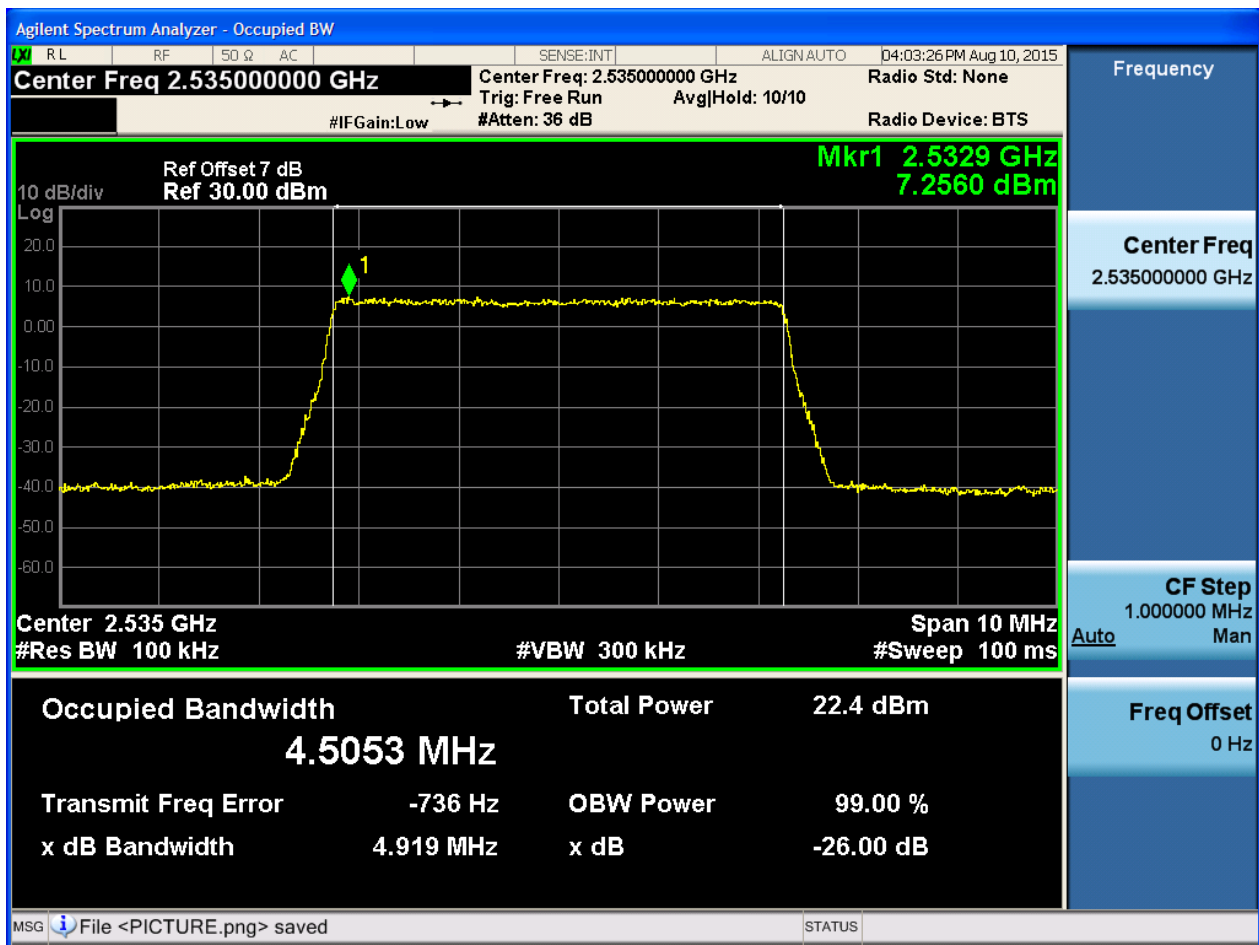
4.1.1.1.1.1.1 Test RB = RB25#0





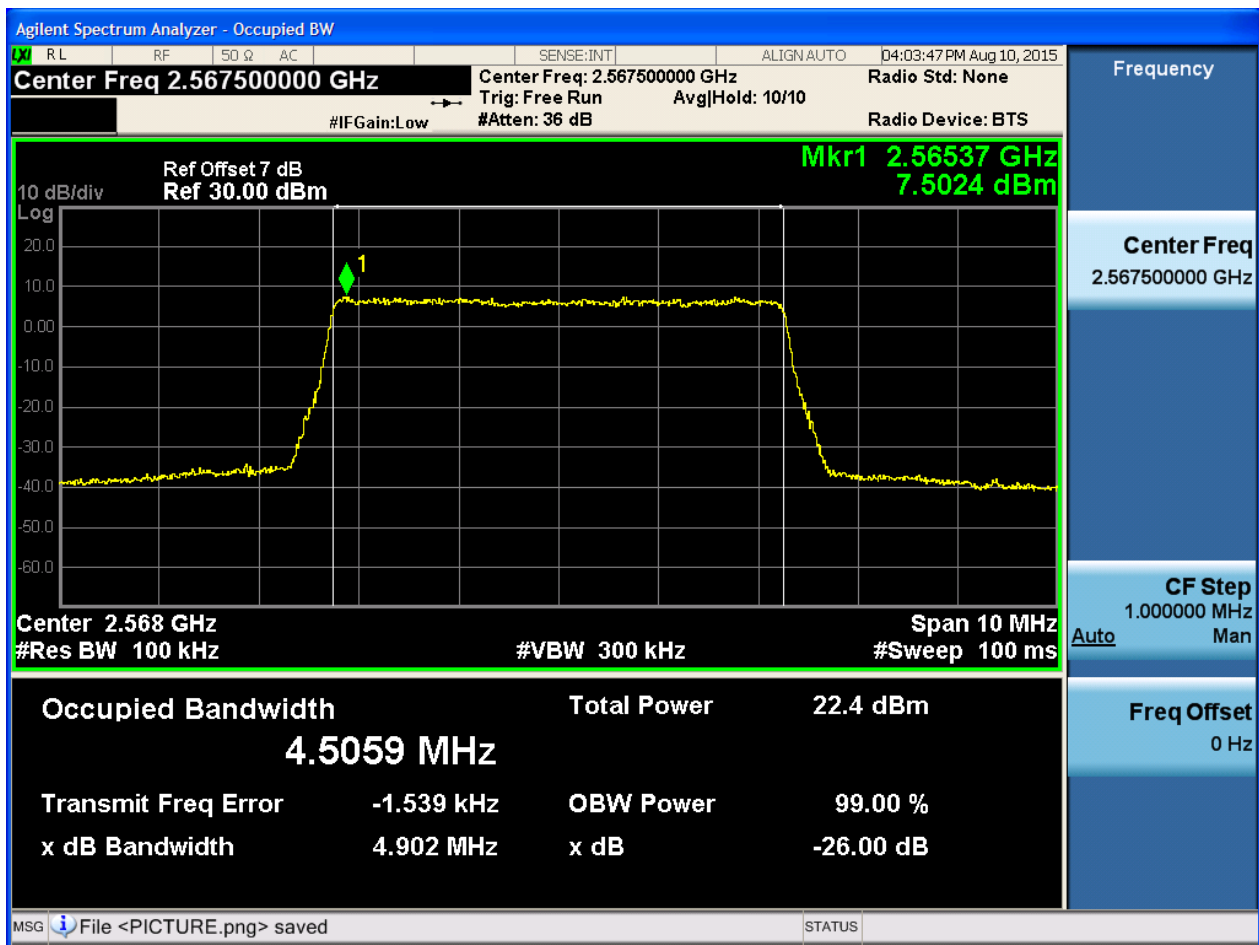
4.1.1.1.1.2 Test Channel = MCH

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

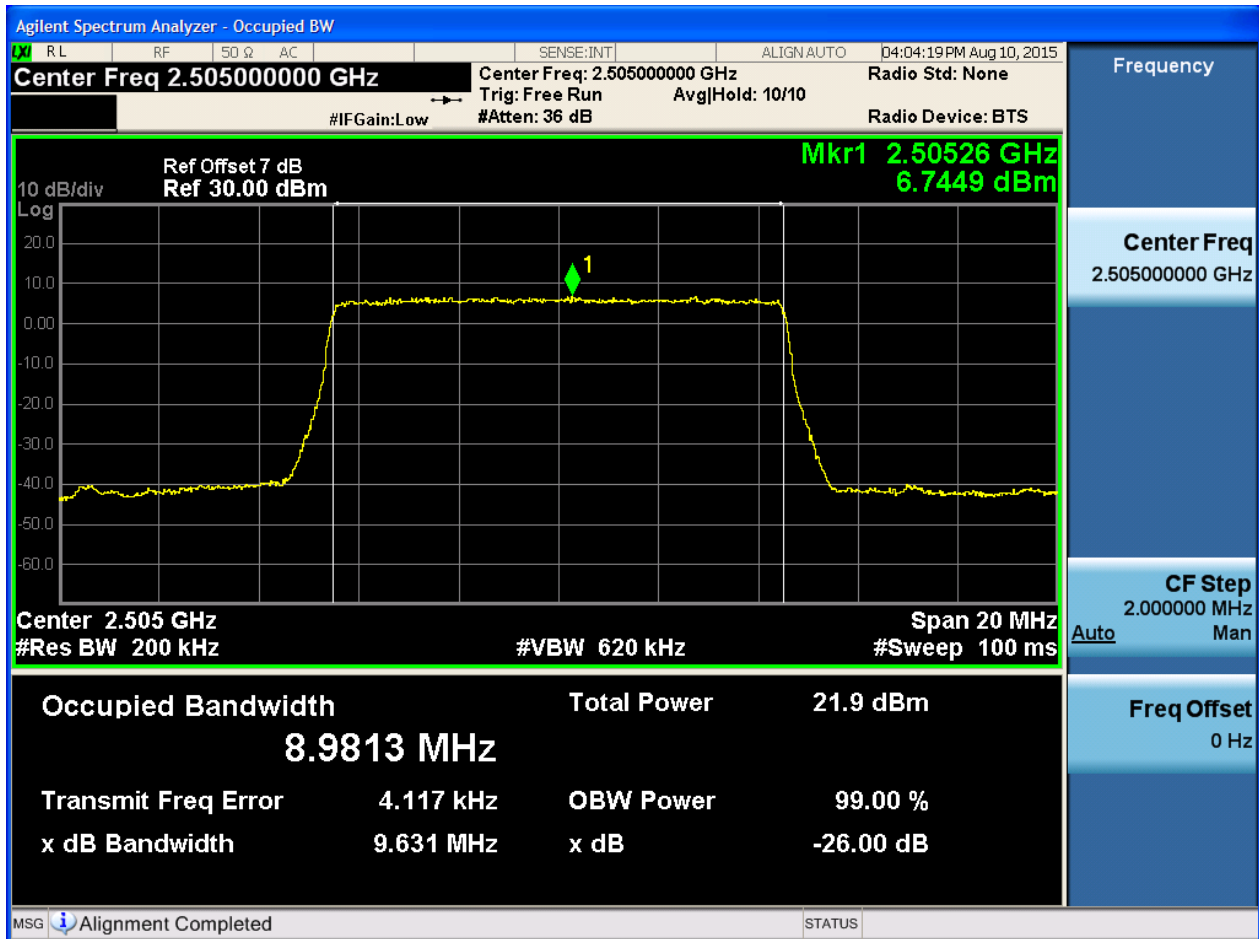




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

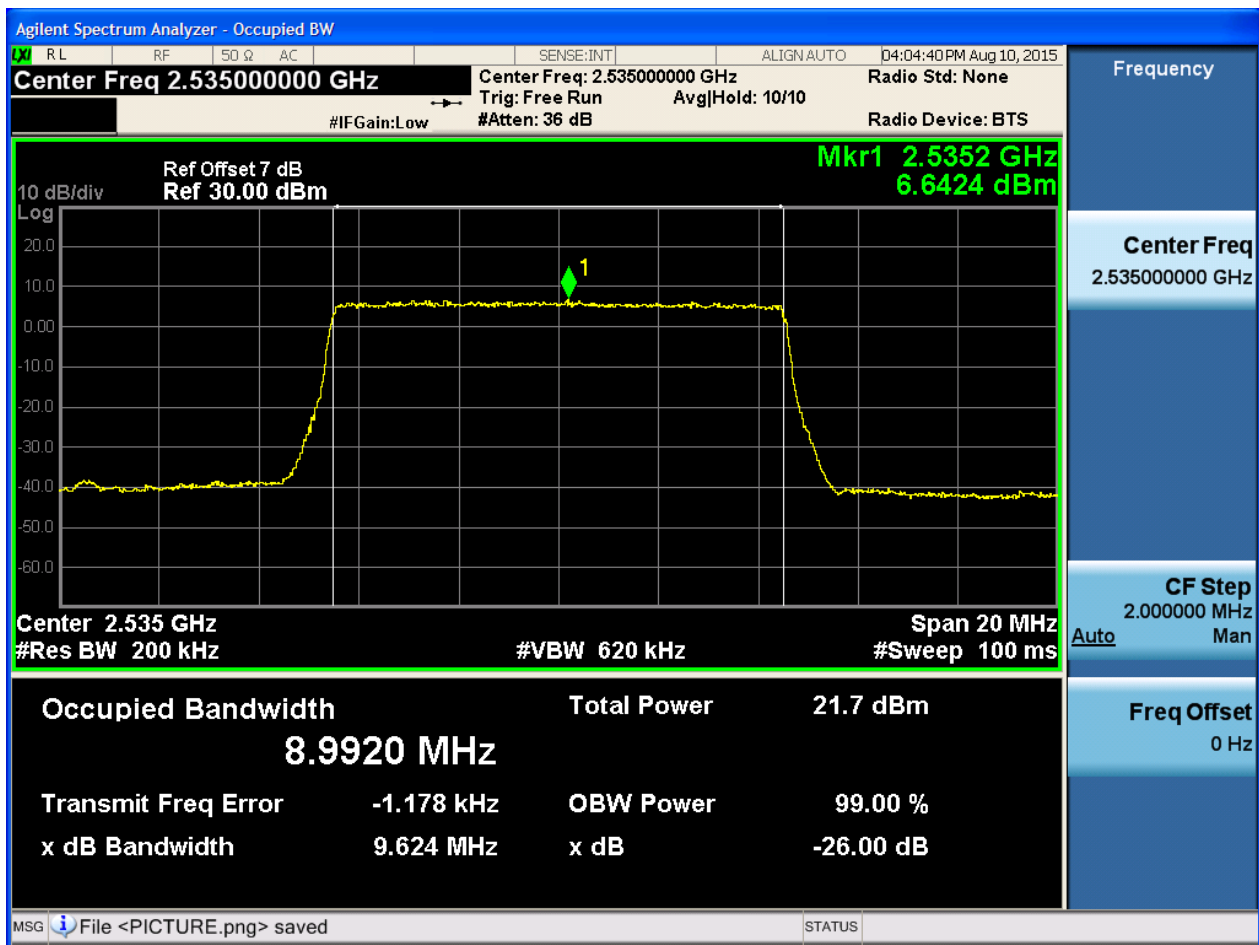
4.1.1.1.2.1.1 Test RB = RB50#0





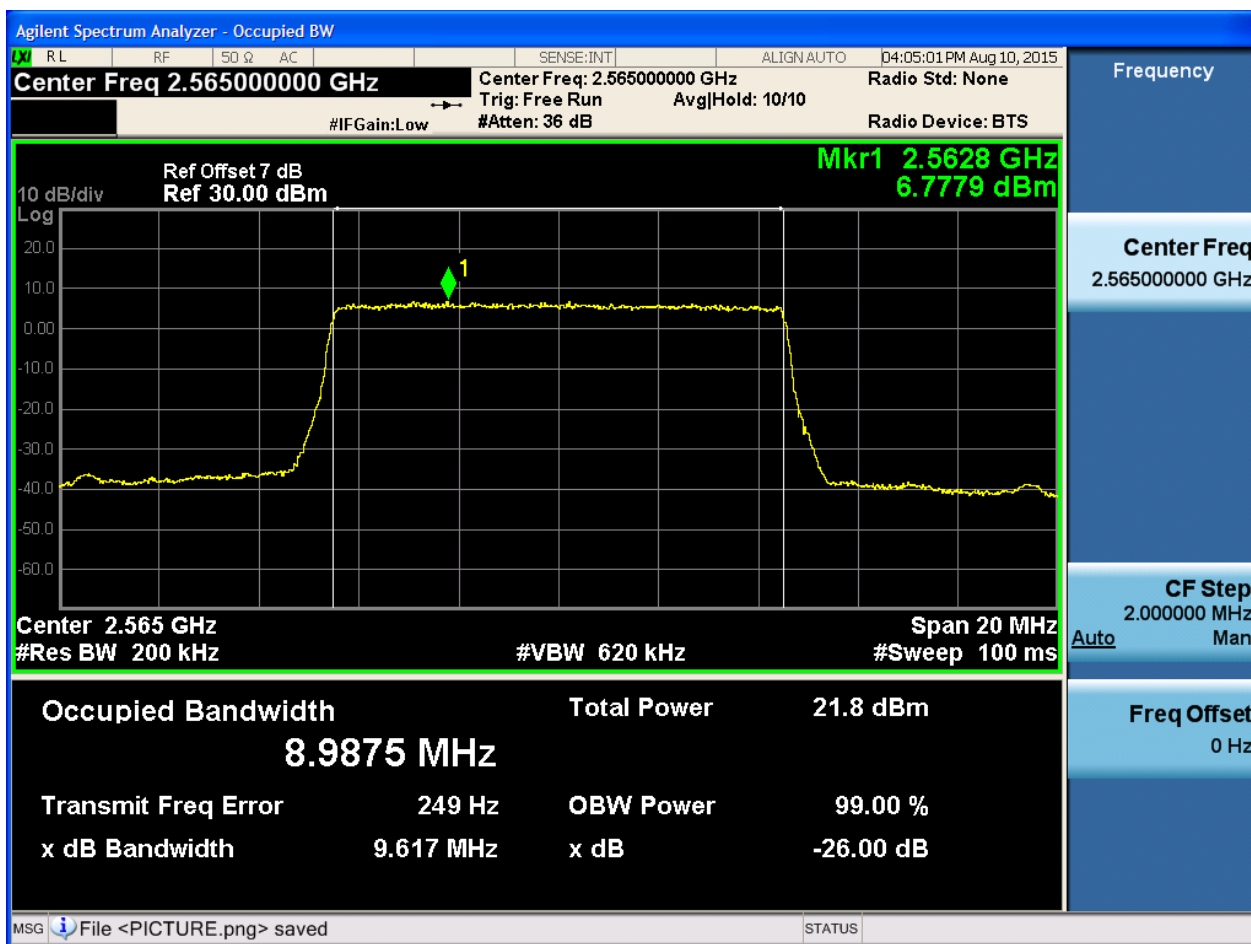
4.1.1.1.2.2 Test Channel = MCH

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

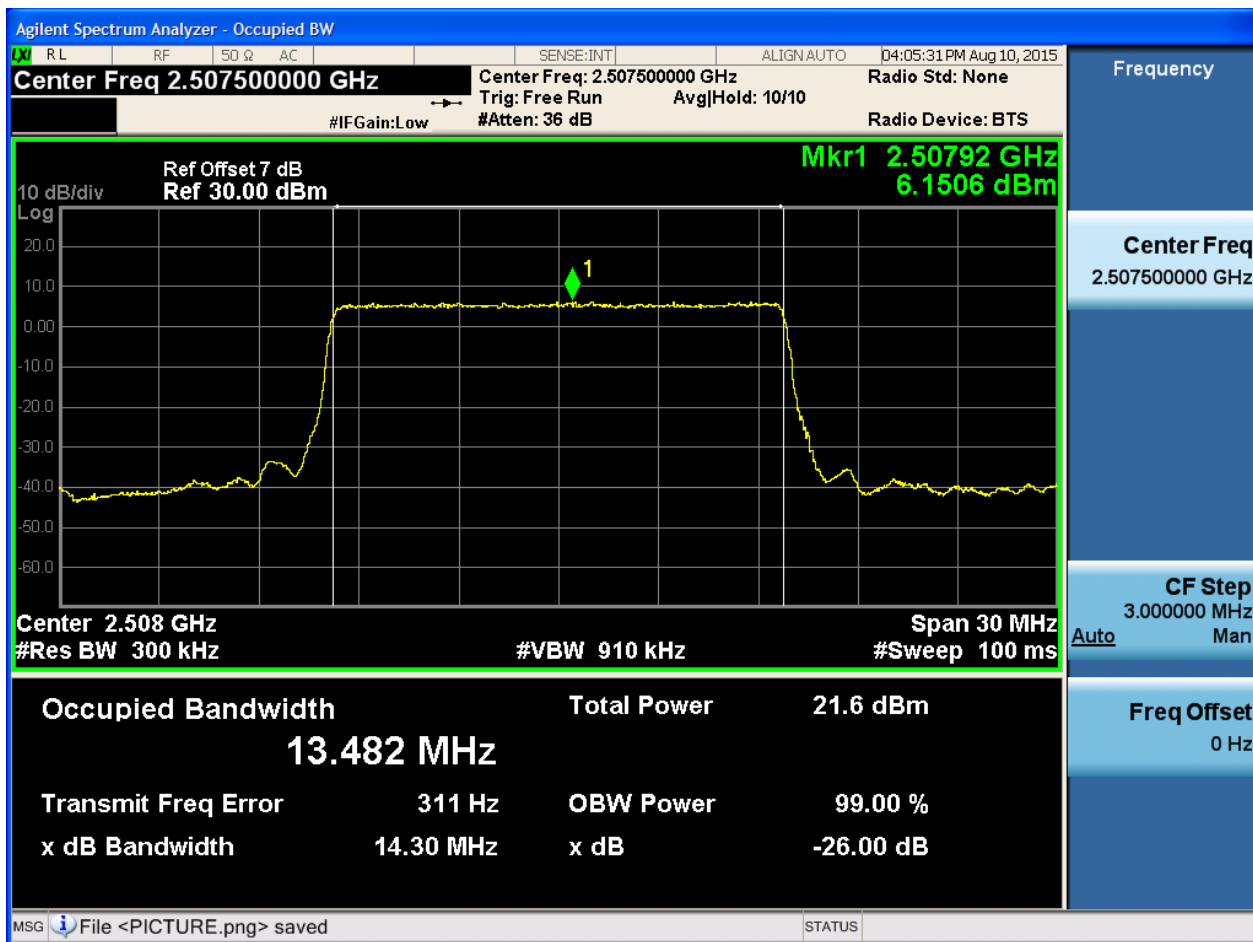




4.1.1.1.3 Test Bandwidth = 15

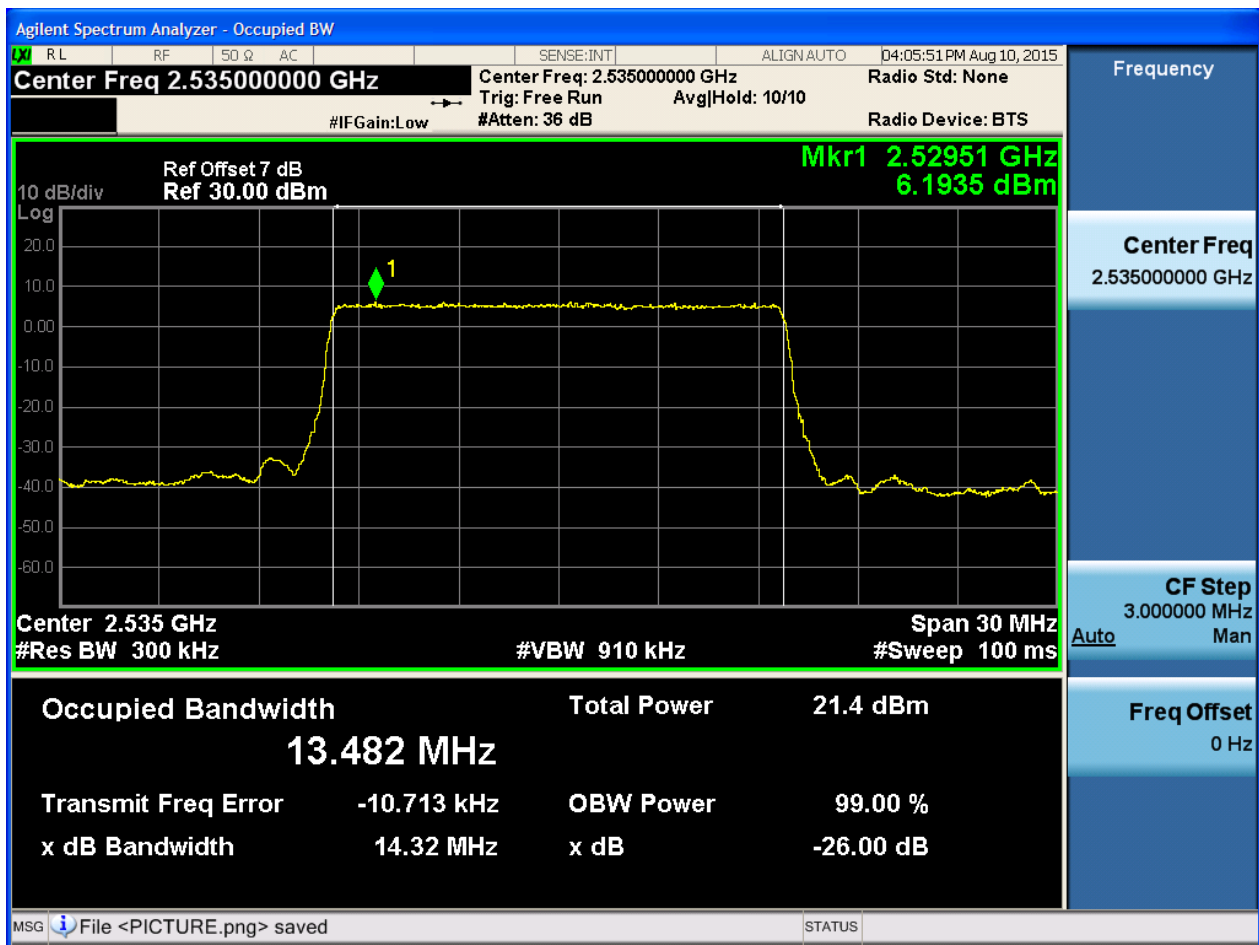
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



4.1.1.1.3.2 Test Channel = MCH

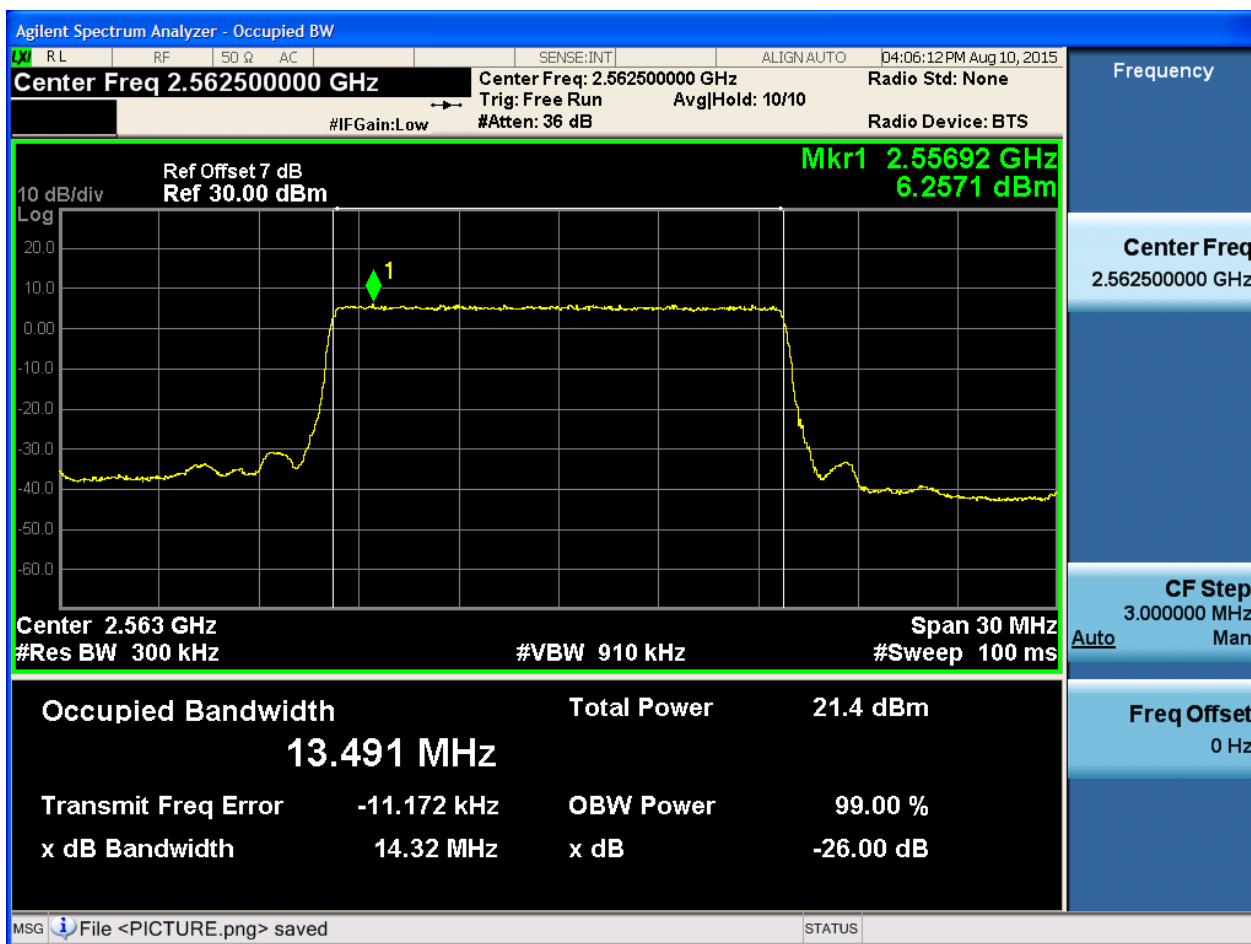
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

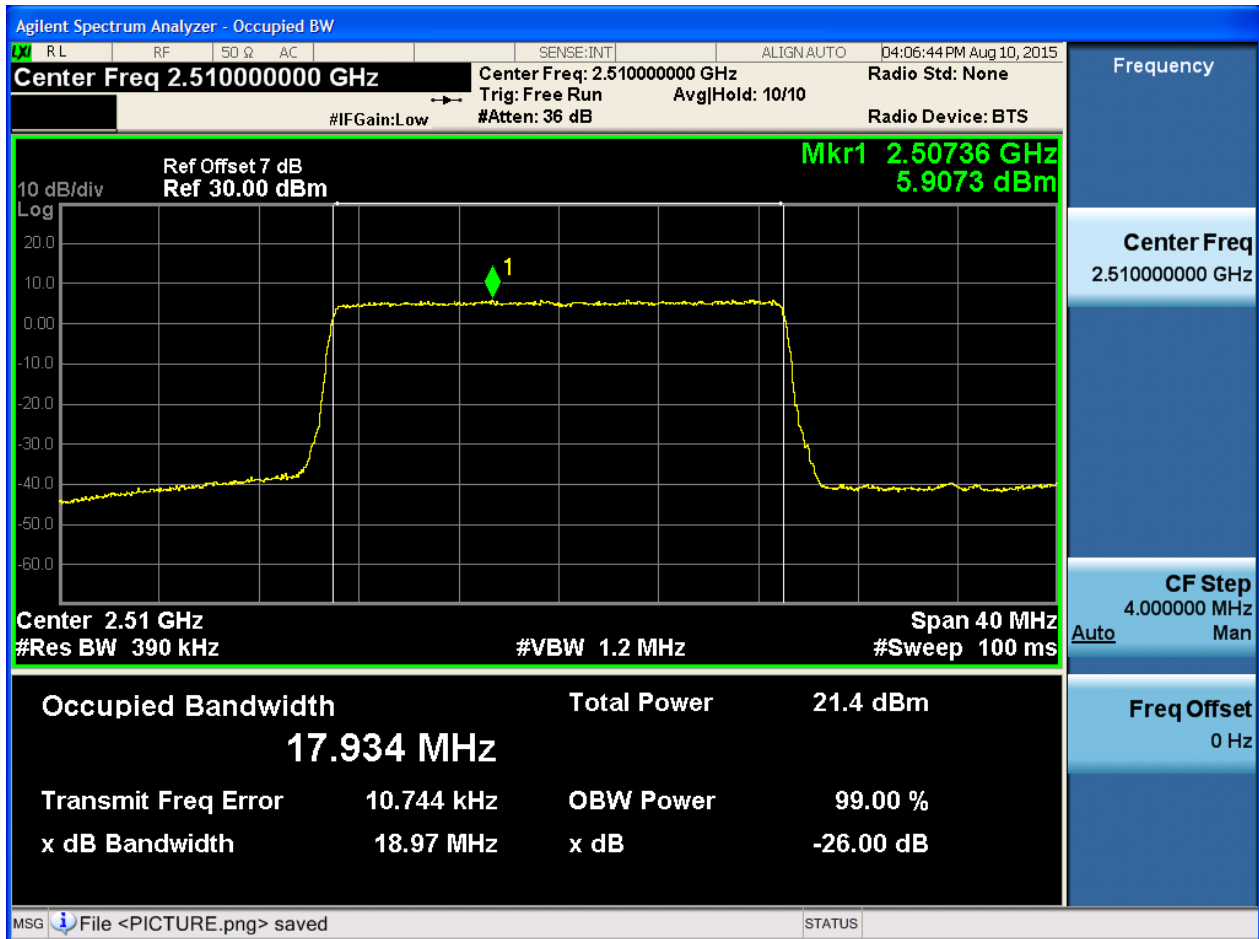




4.1.1.1.4 Test Bandwidth = 20

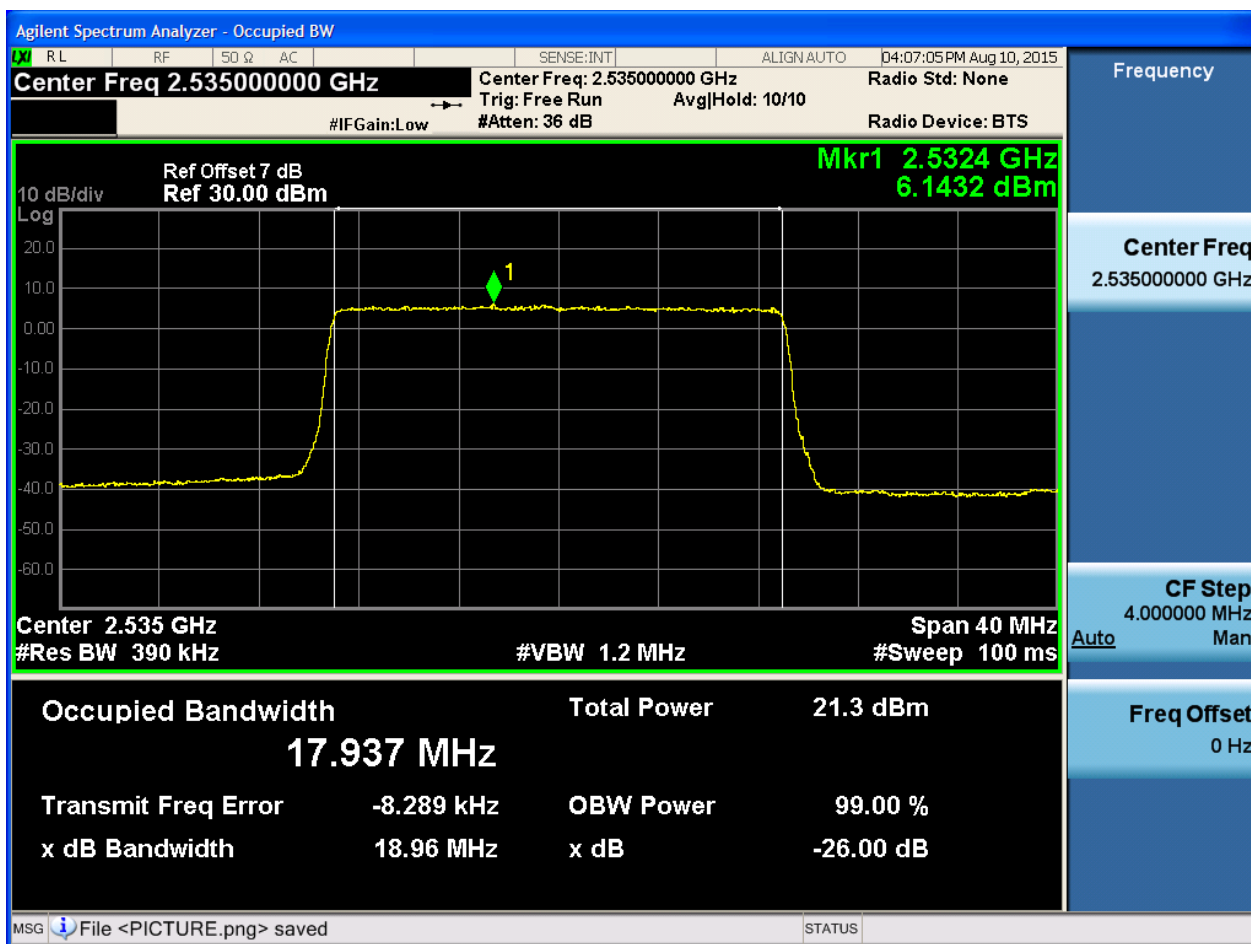
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB100#0



4.1.1.1.4.2 Test Channel = MCH

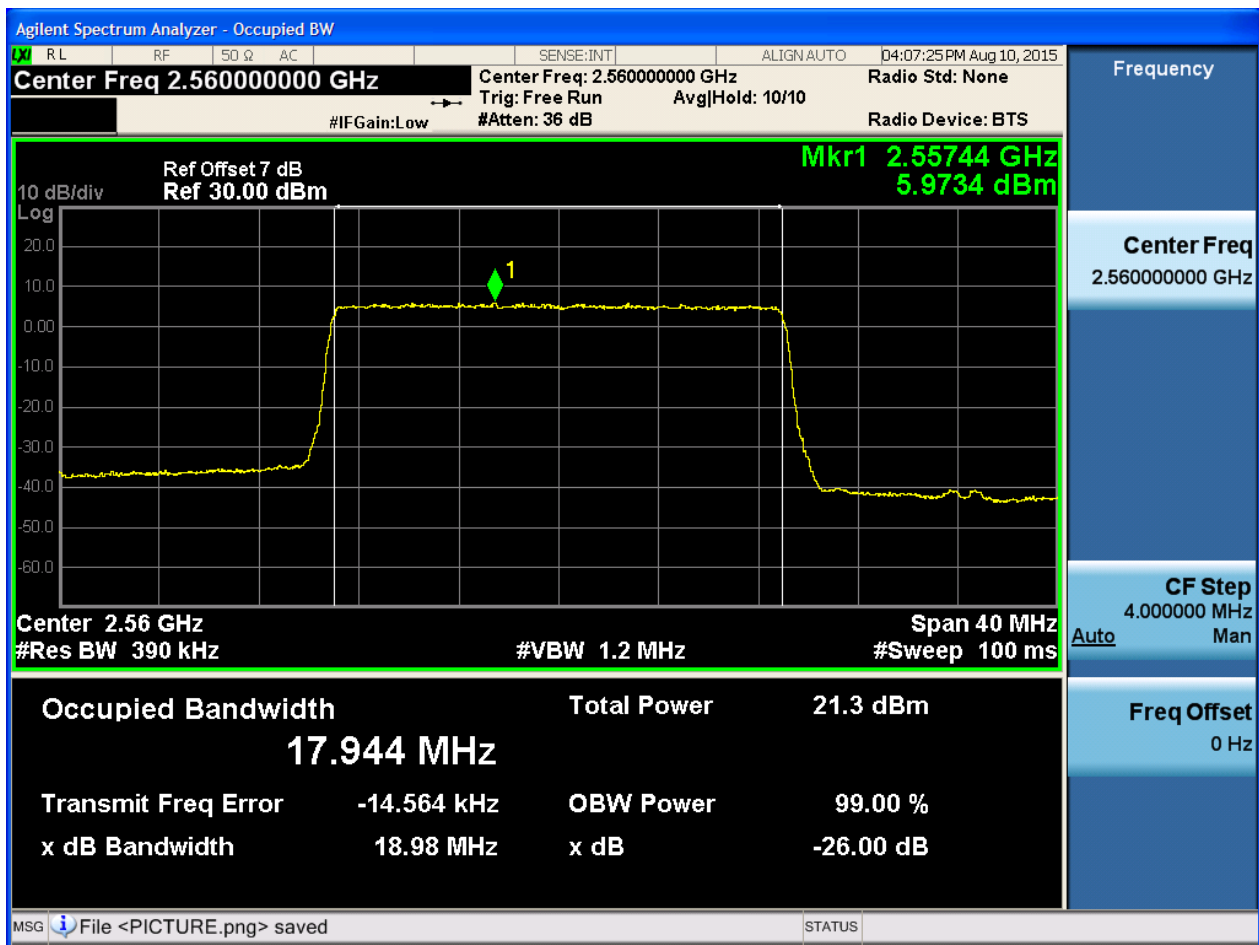
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



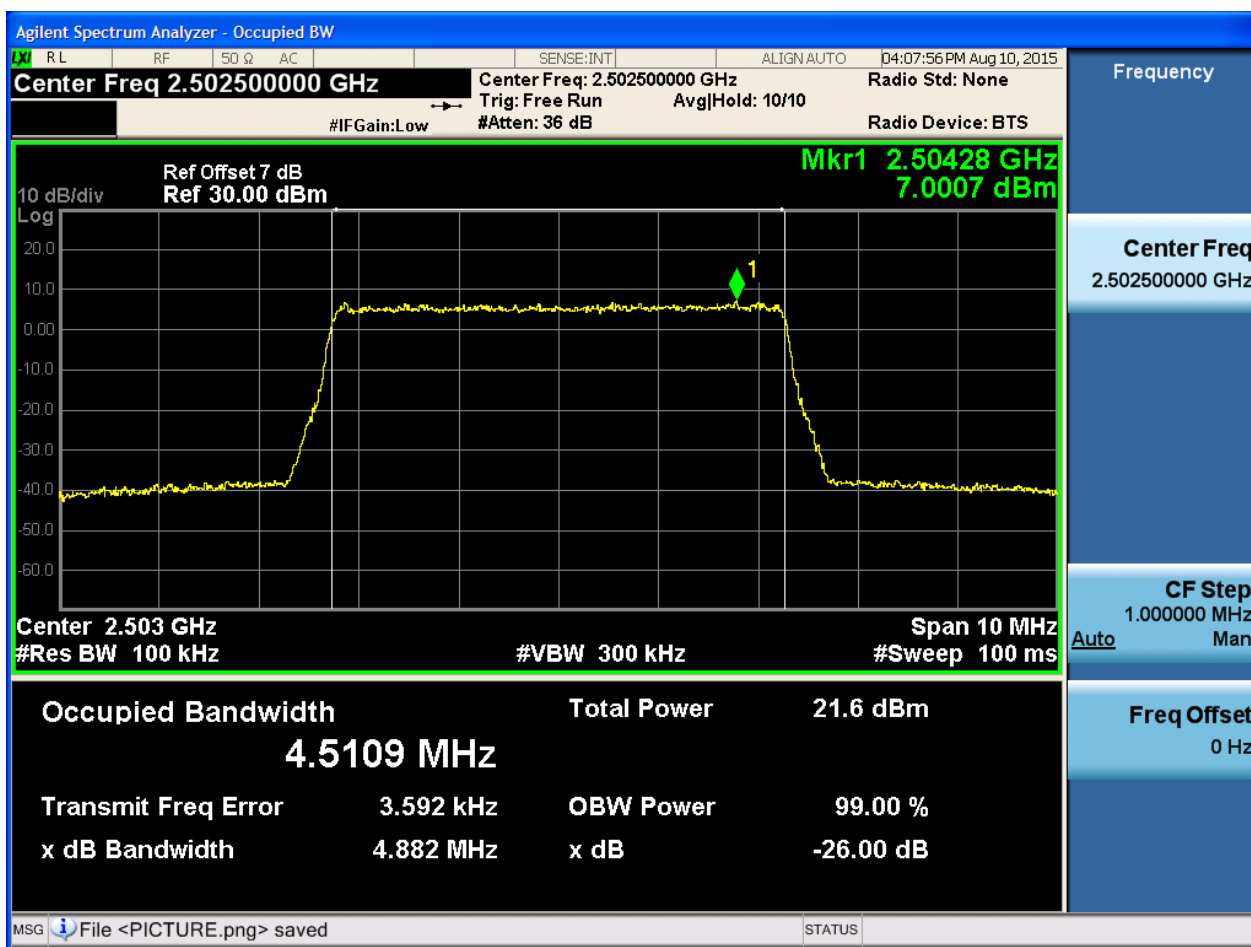


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

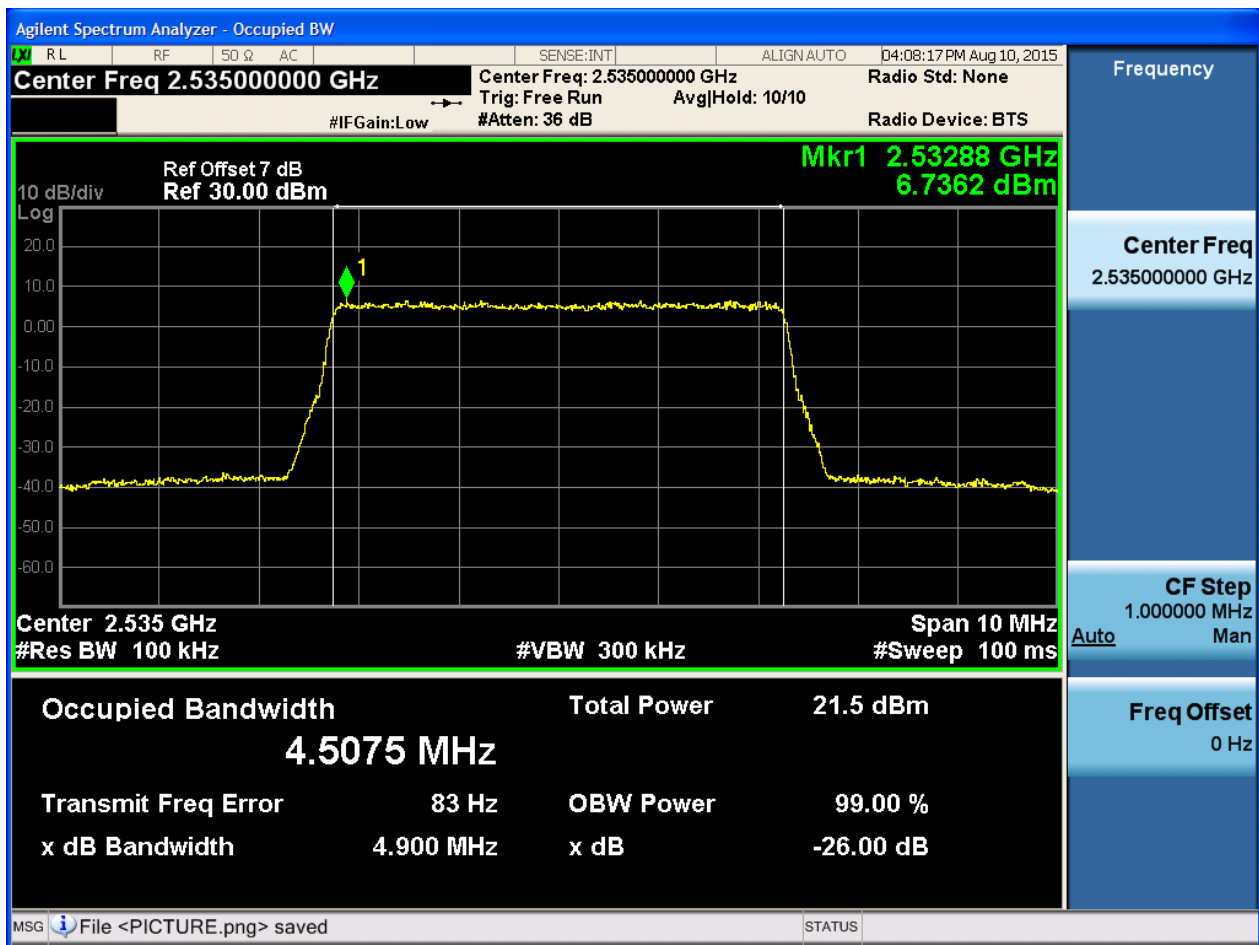
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

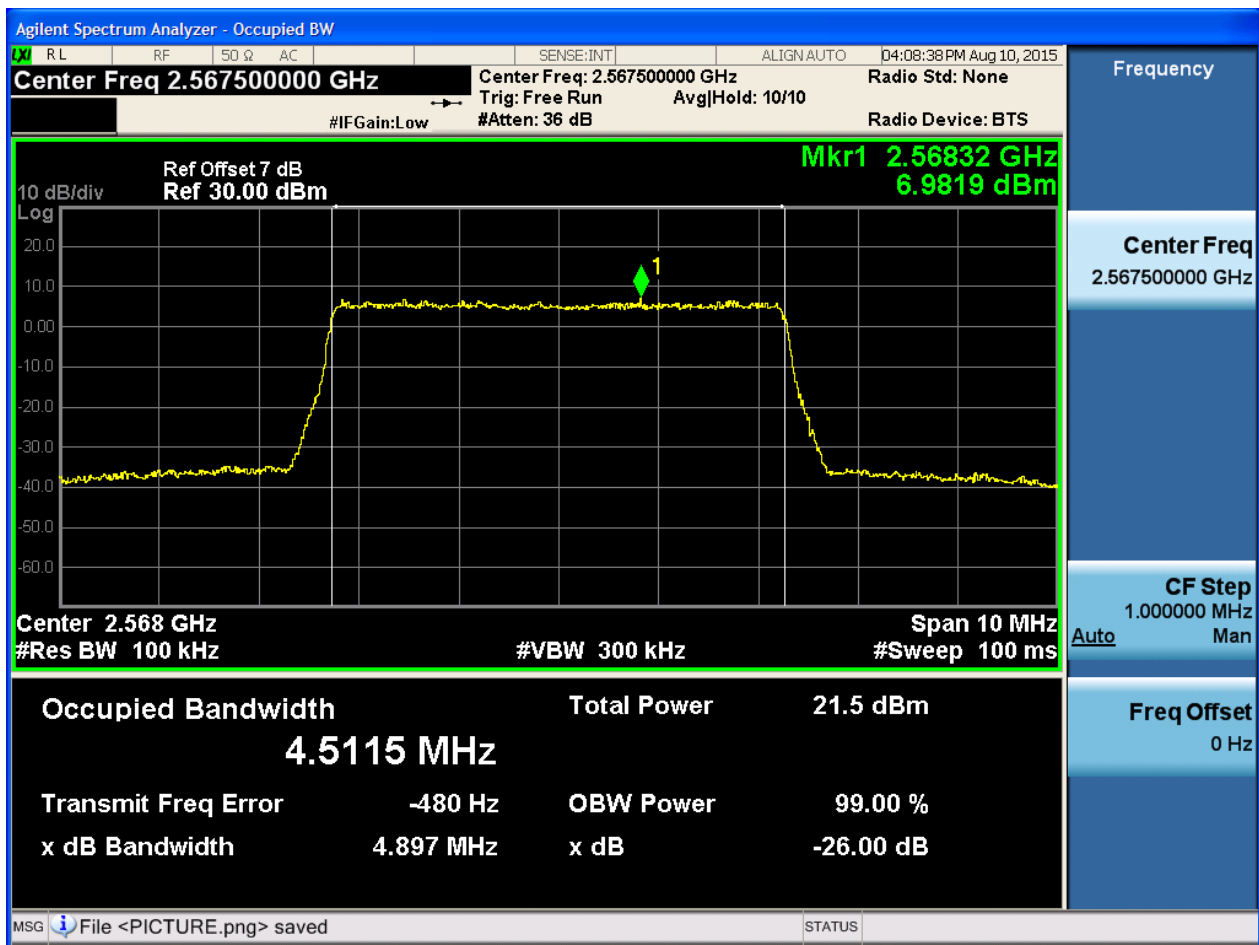
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

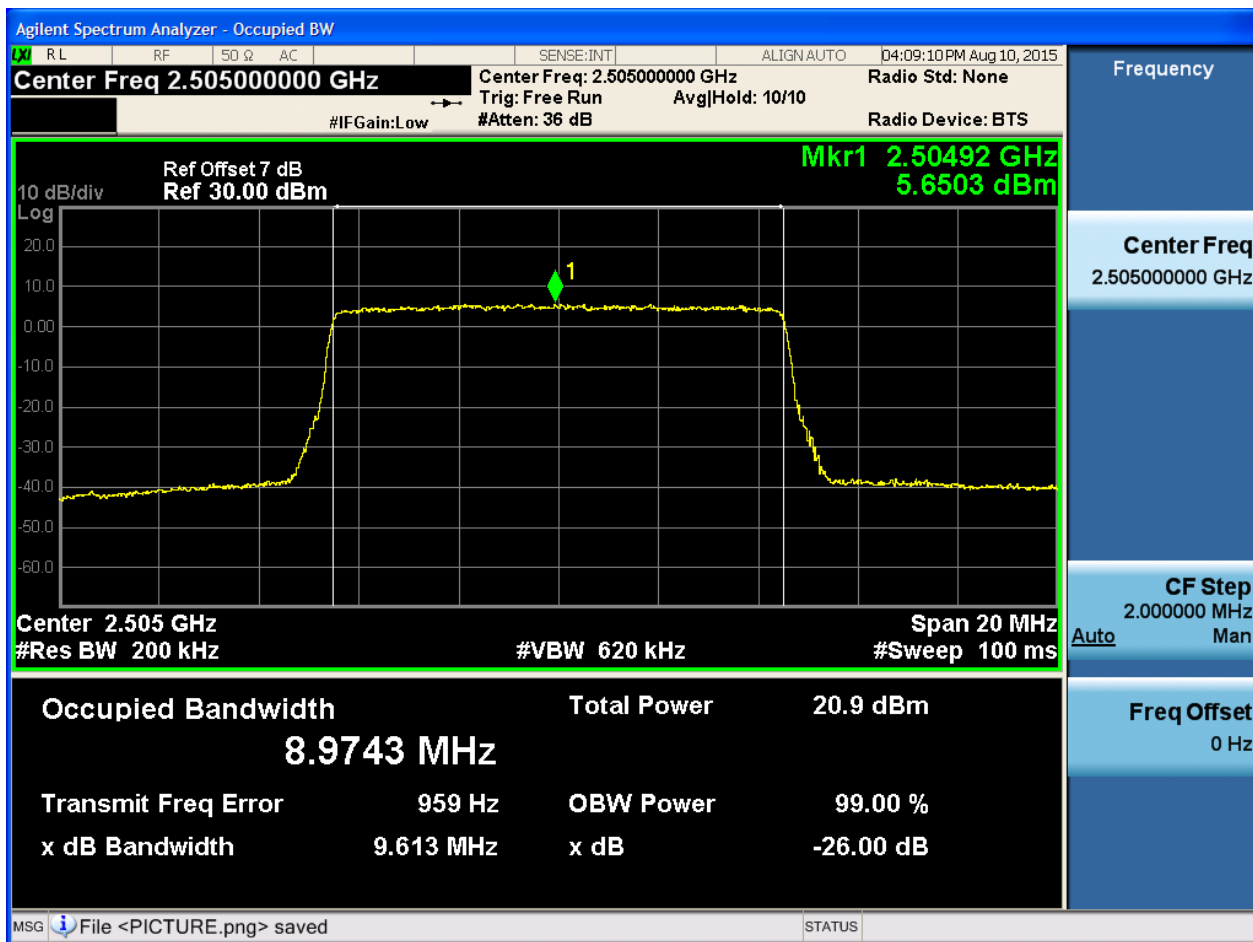




4.1.1.2.2 Test Bandwidth = 10

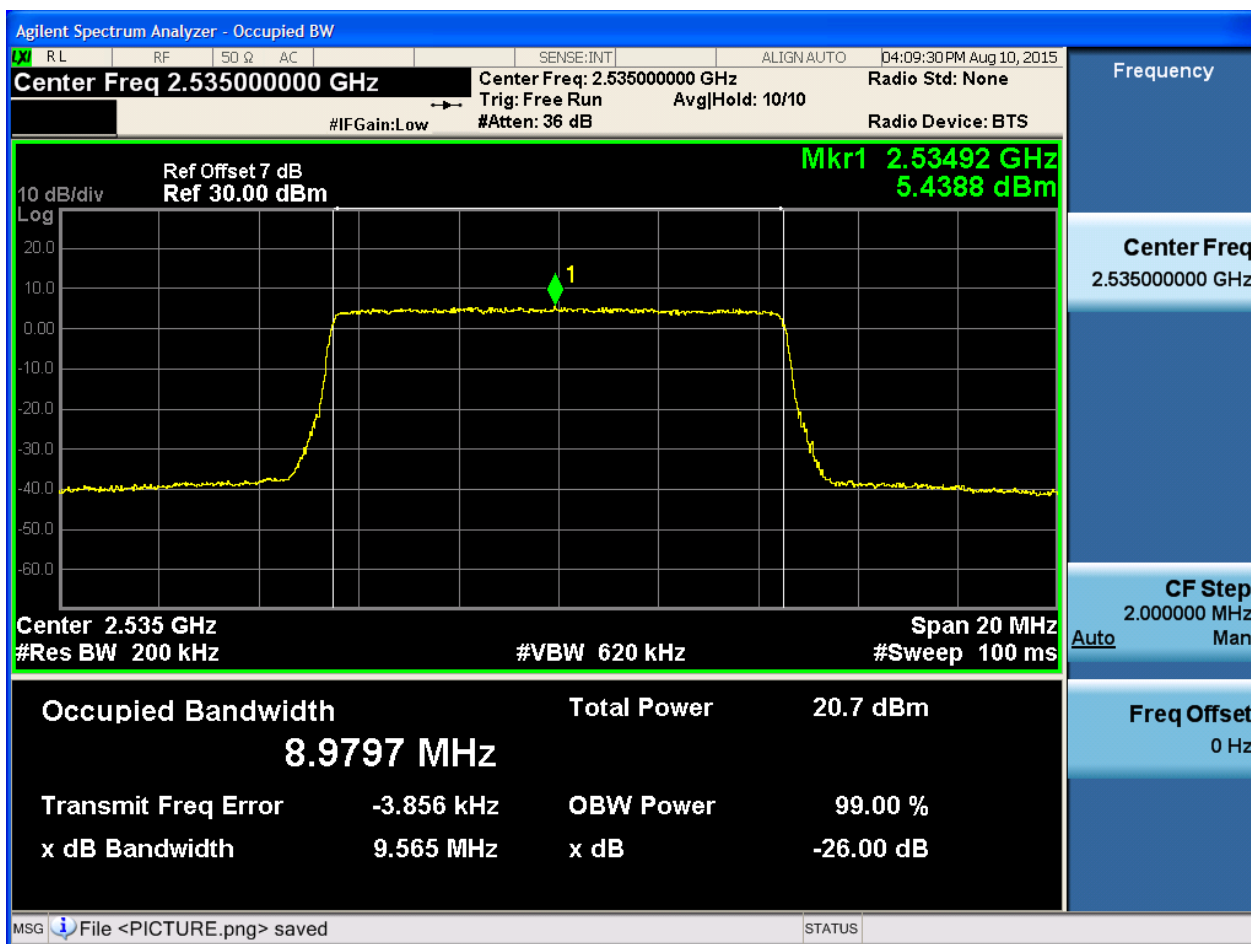
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



4.1.1.2.2.2 Test Channel = MCH

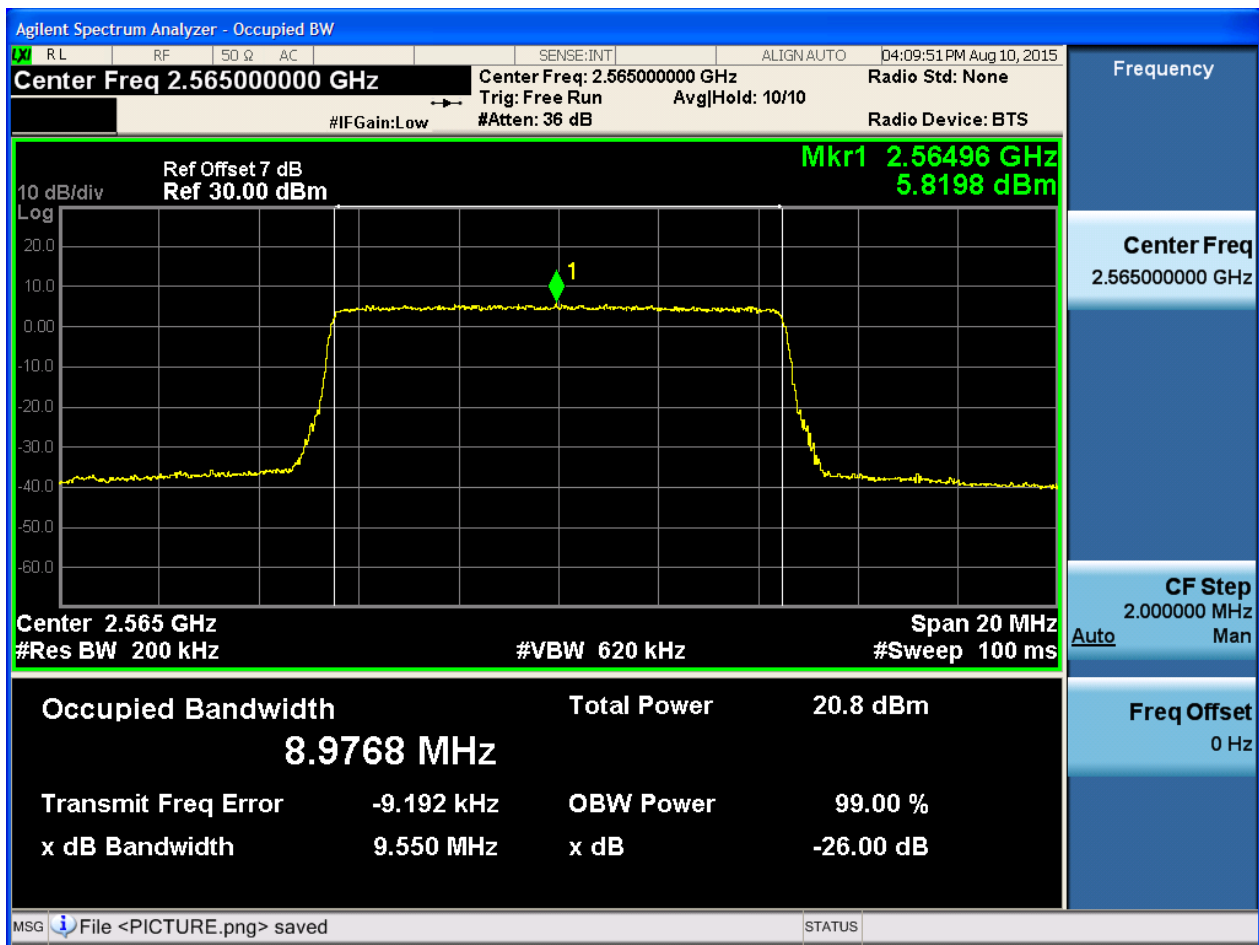
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

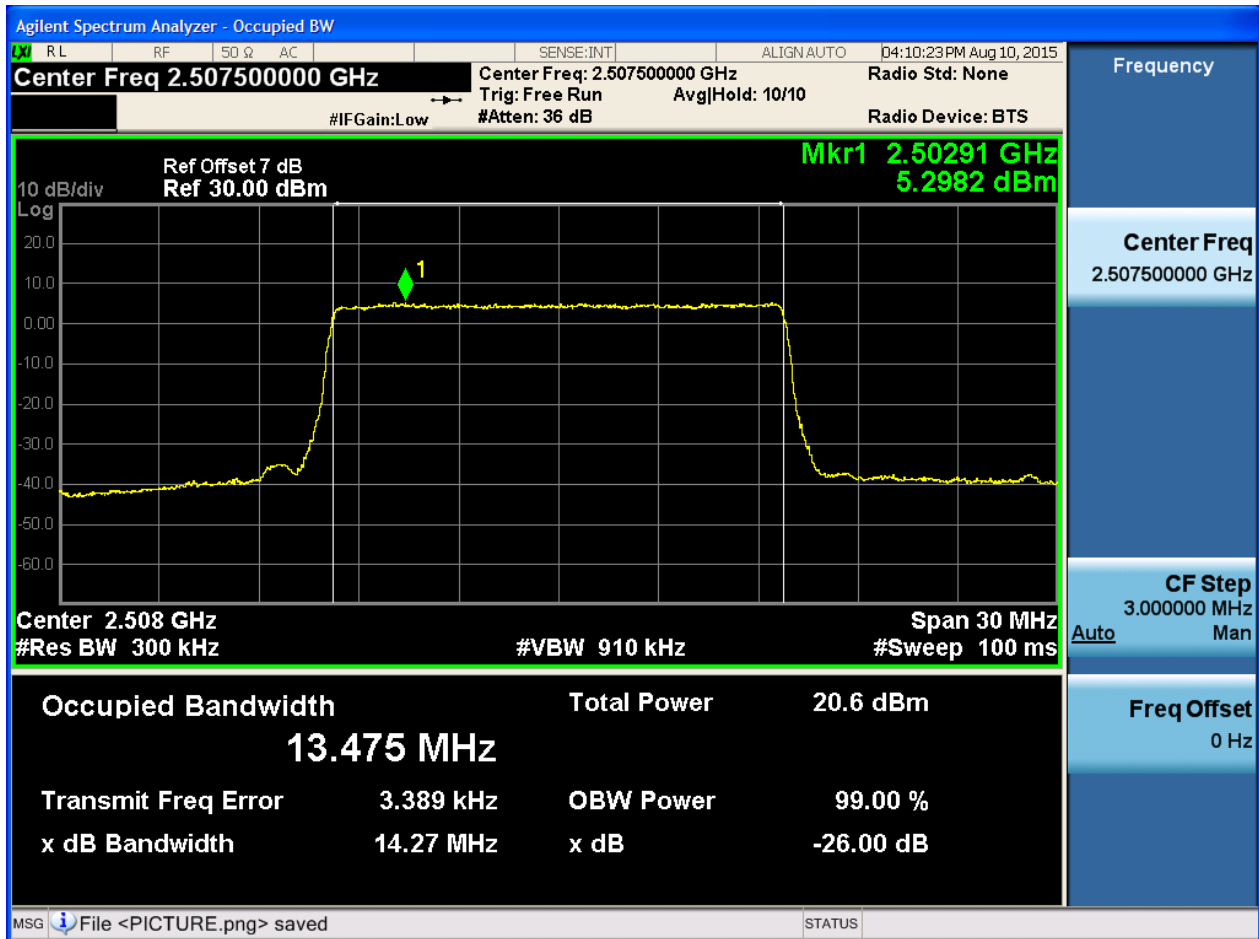




4.1.1.2.3 Test Bandwidth = 15

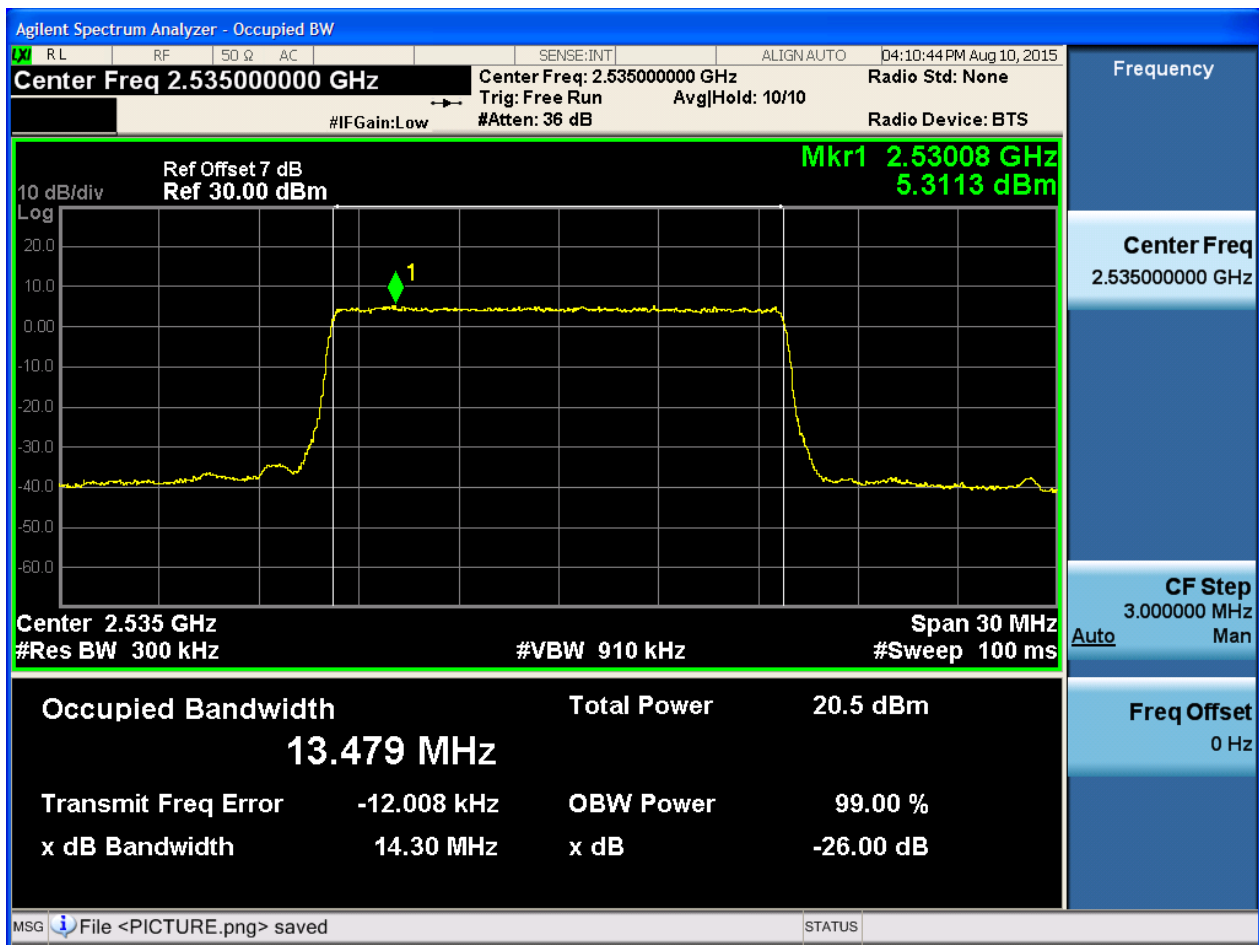
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



4.1.1.2.3.2 Test Channel = MCH

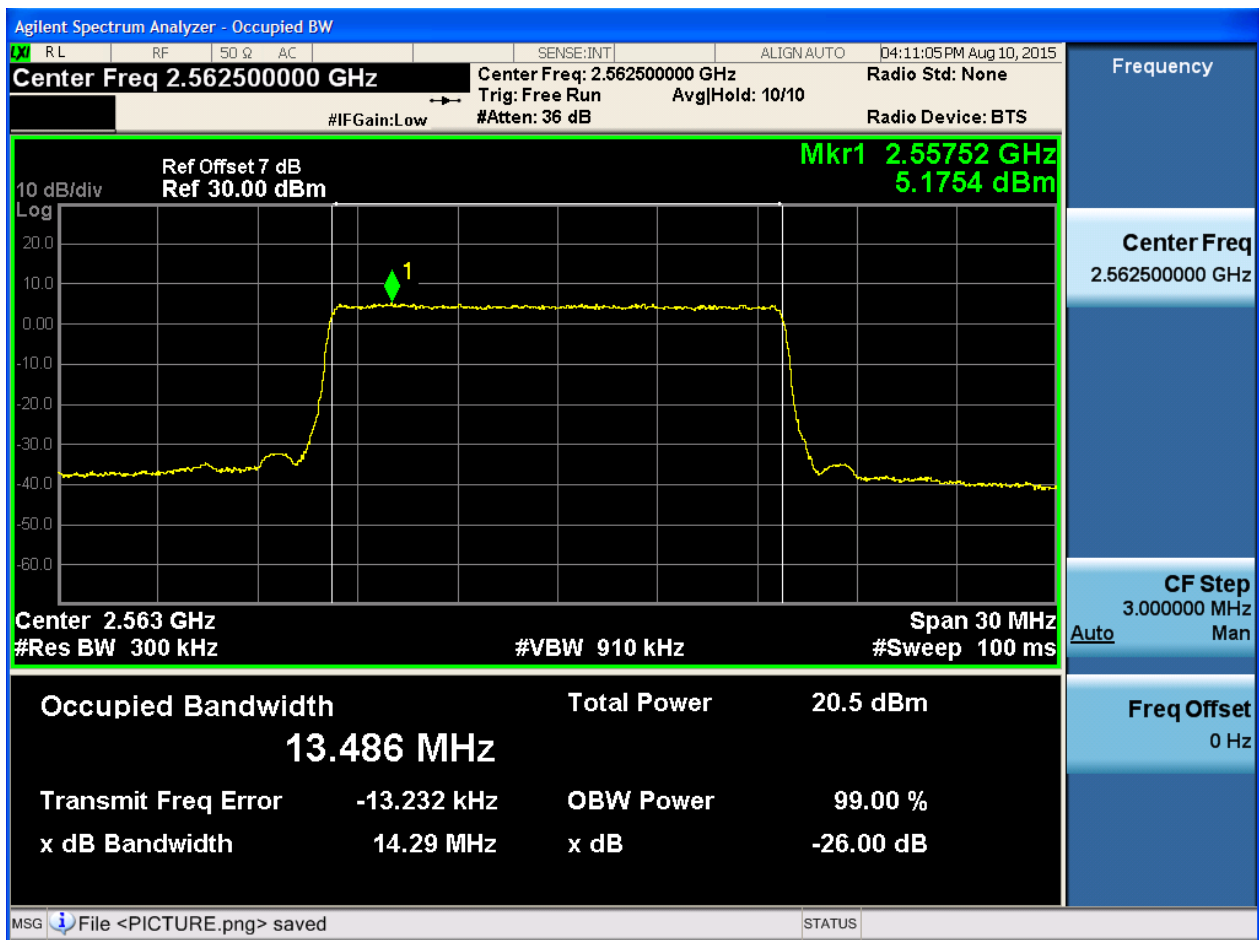
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

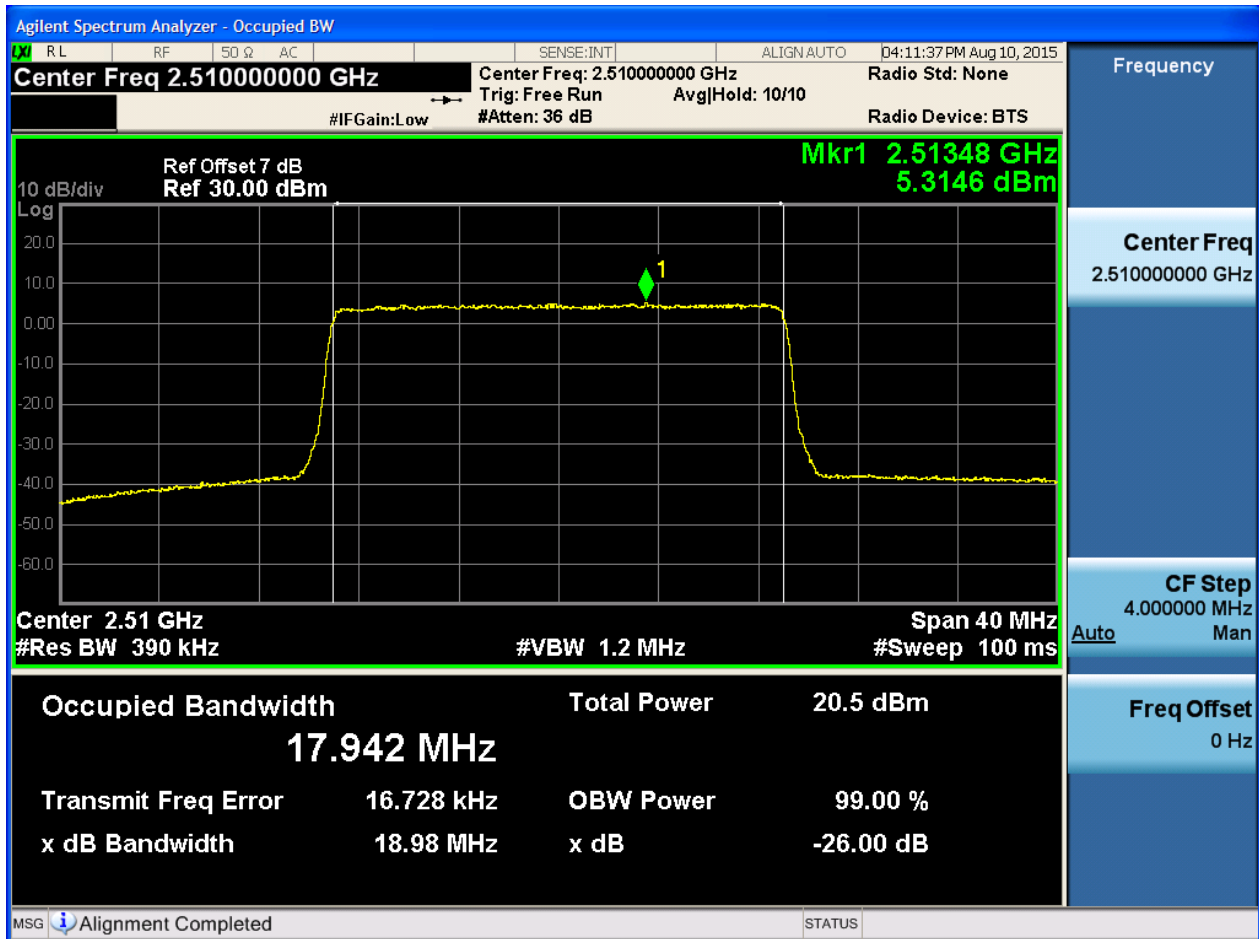




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

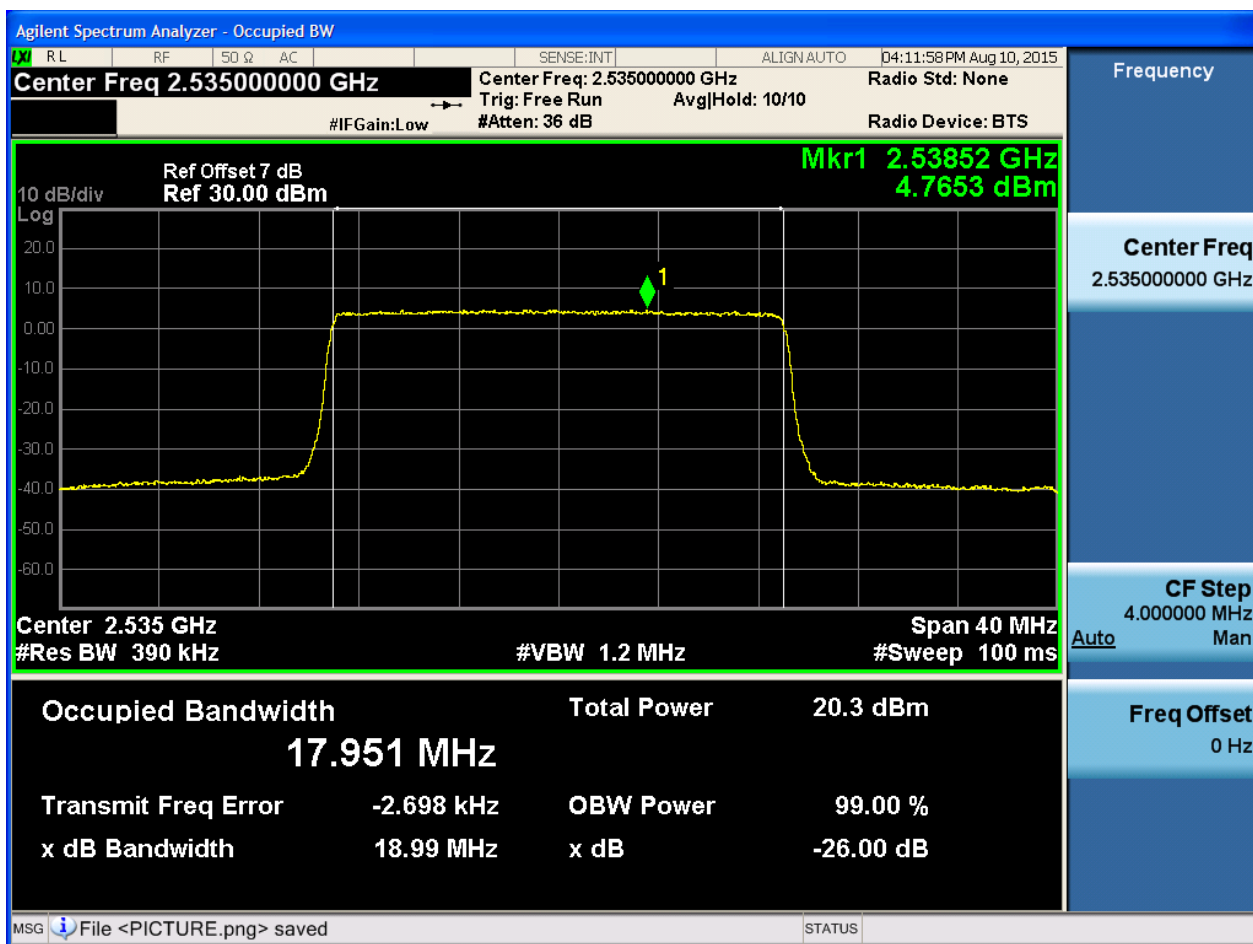
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

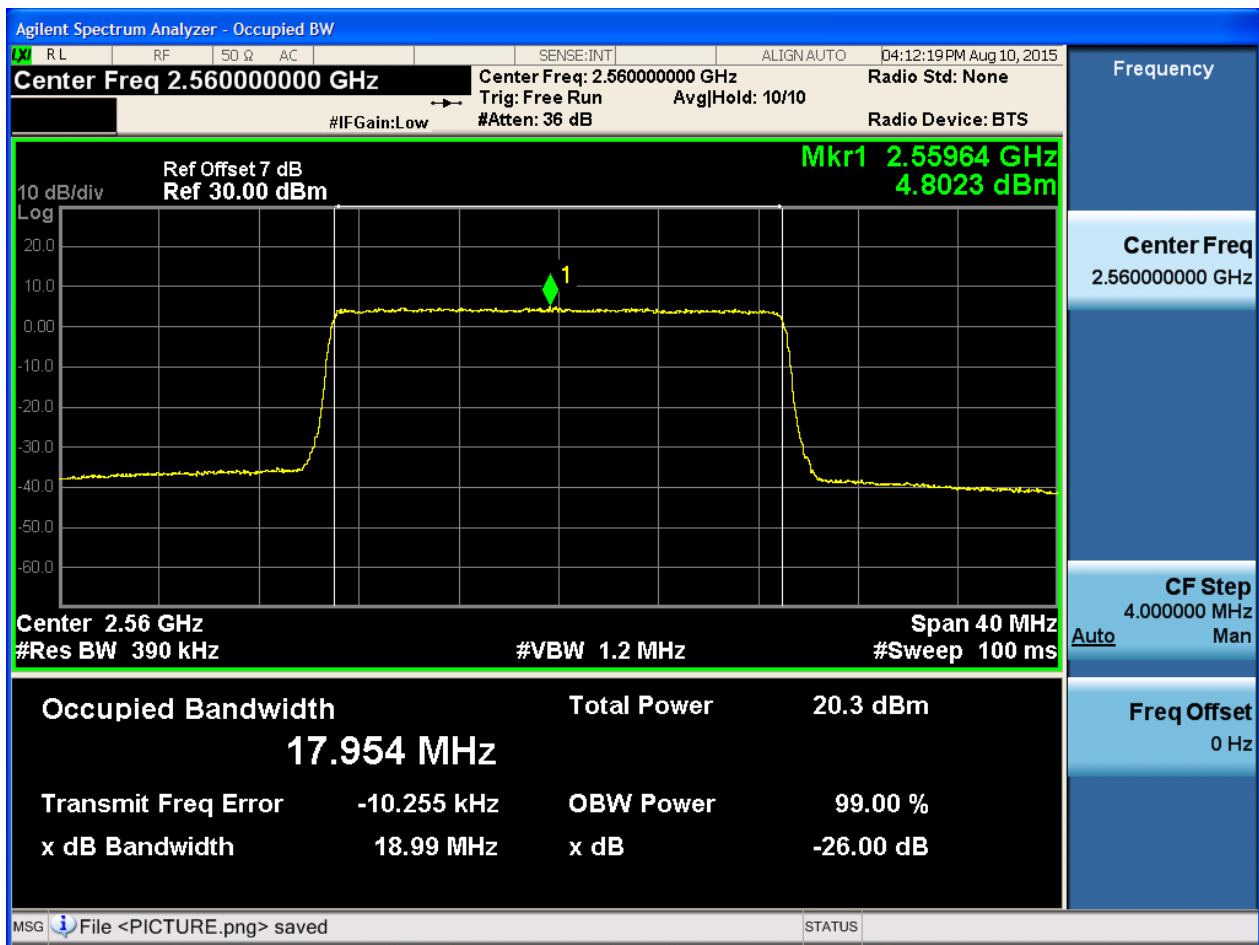
4.1.1.2.4.2.1 Test RB = RB100#0





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

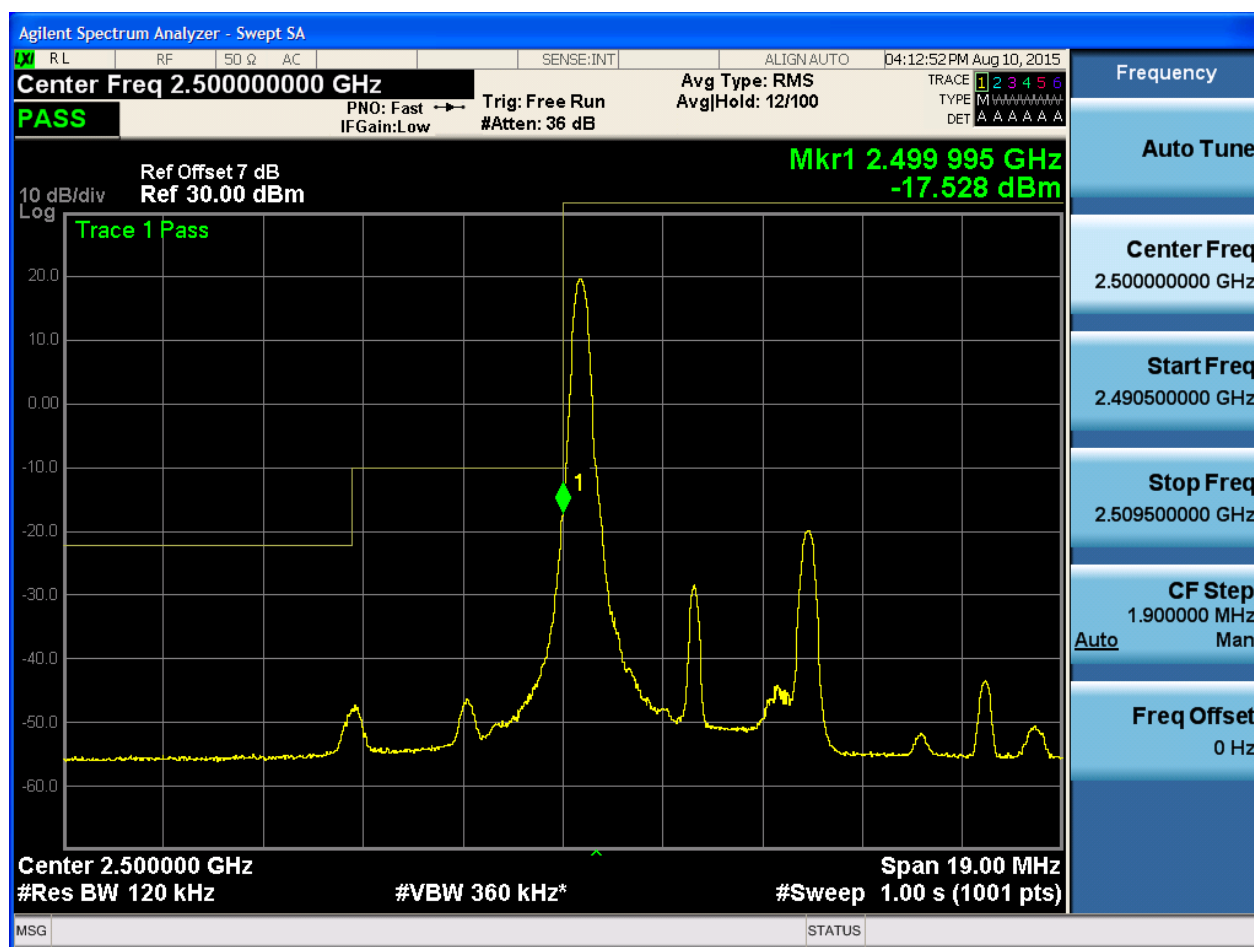
5.1.1 Test Band = BAND7

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 04:13:10 PM Aug 10, 2015

Center Freq 2.50000000 GHz Avg Type: RMS
#Res BW 120 kHz #Sweep 1.00 s (1001 pts)

PASS PNO: Fast Trig: Free Run
IFGain: Low #Atten: 36 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 2.499 995 GHz
-52.521 dBm

Trace 1 Pass

Center 2.500000 GHz Span 19.00 MHz
#Res BW 120 kHz #VBW 360 kHz* #Sweep 1.00 s (1001 pts)



5.1.1.1.1.3 Test RB = RB12#6





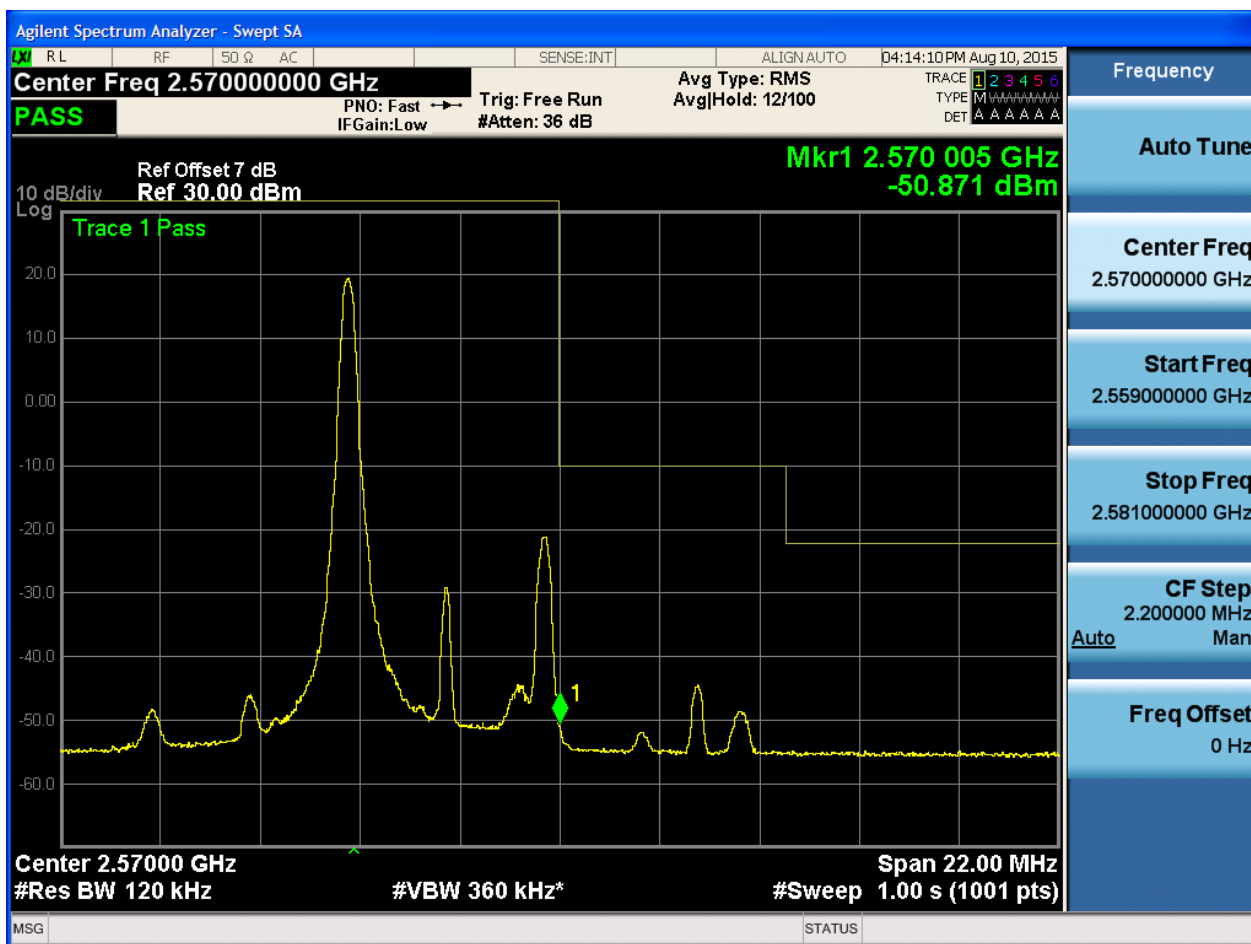
5.1.1.1.1.4 Test RB = RB25#0





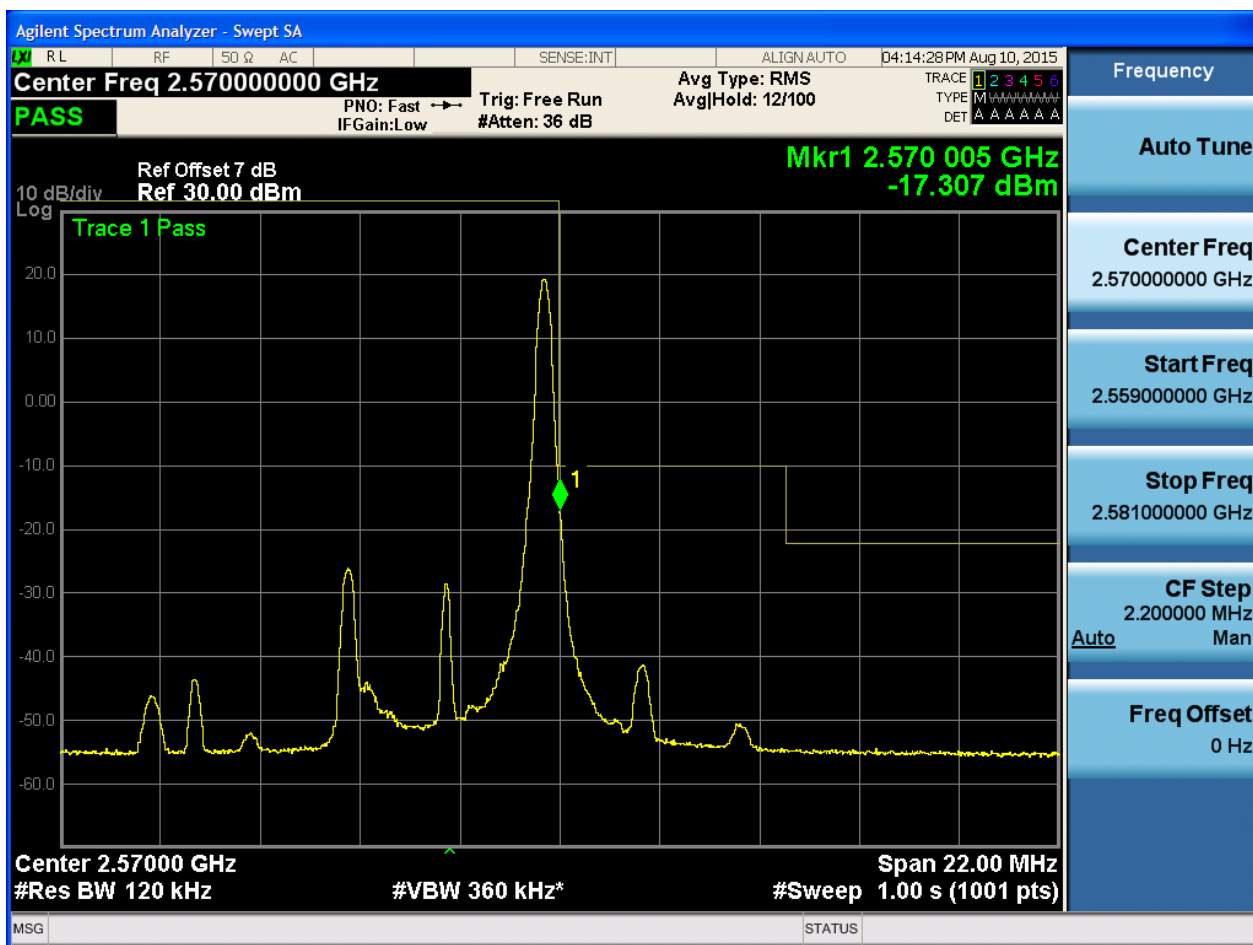
5.1.1.1.1.2 Test Channel = HCH

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

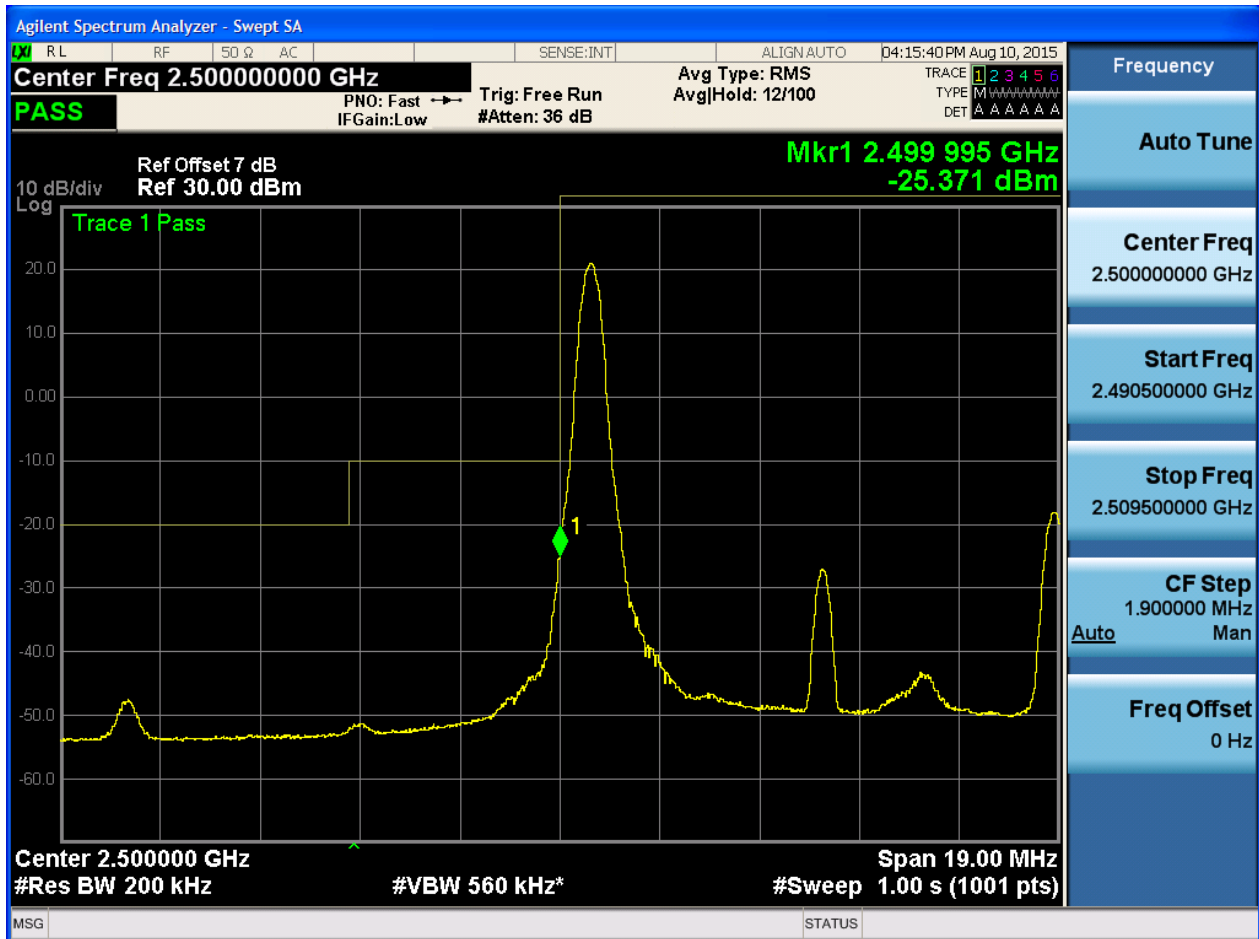




5.1.1.1.2 Test Bandwidth = 10

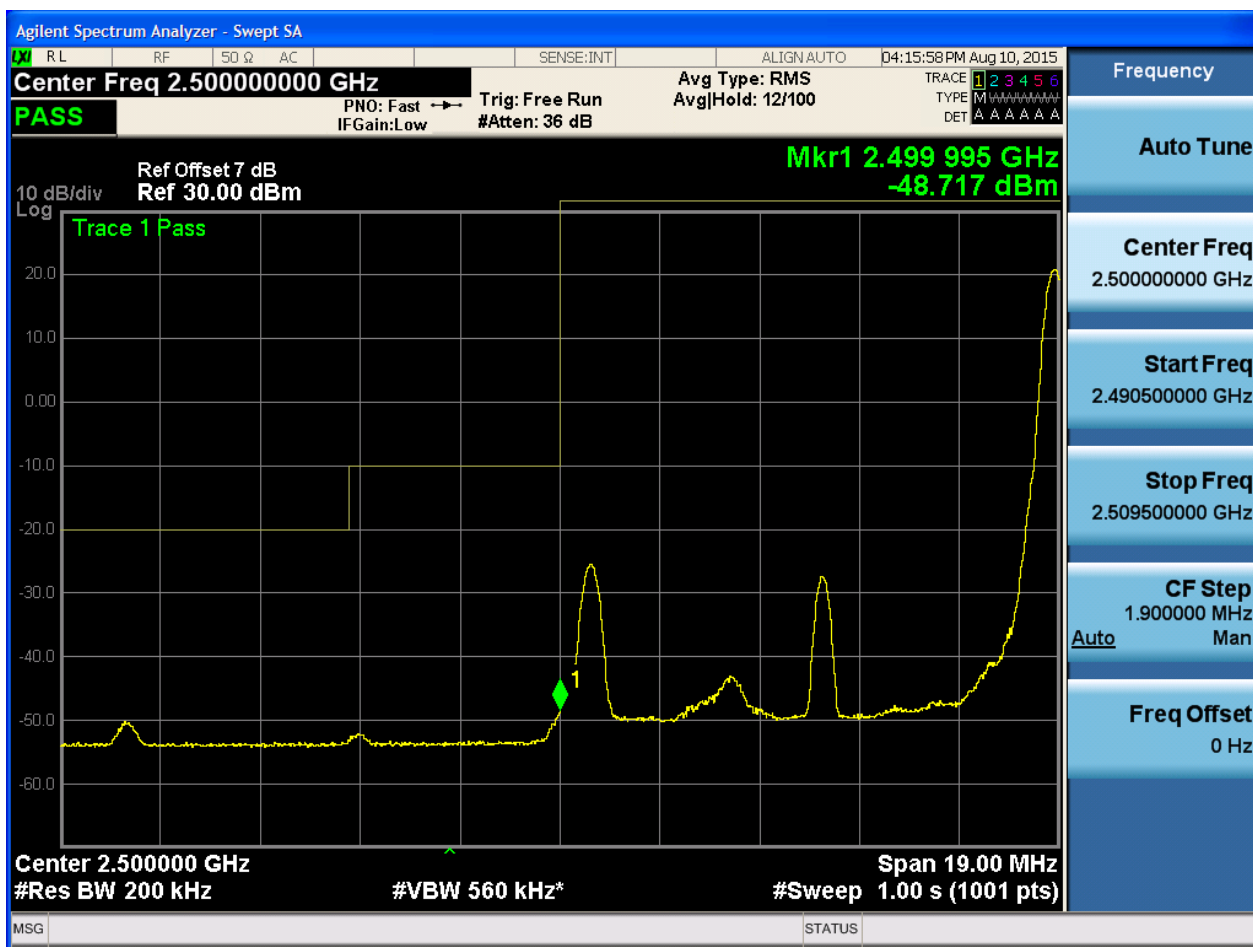
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



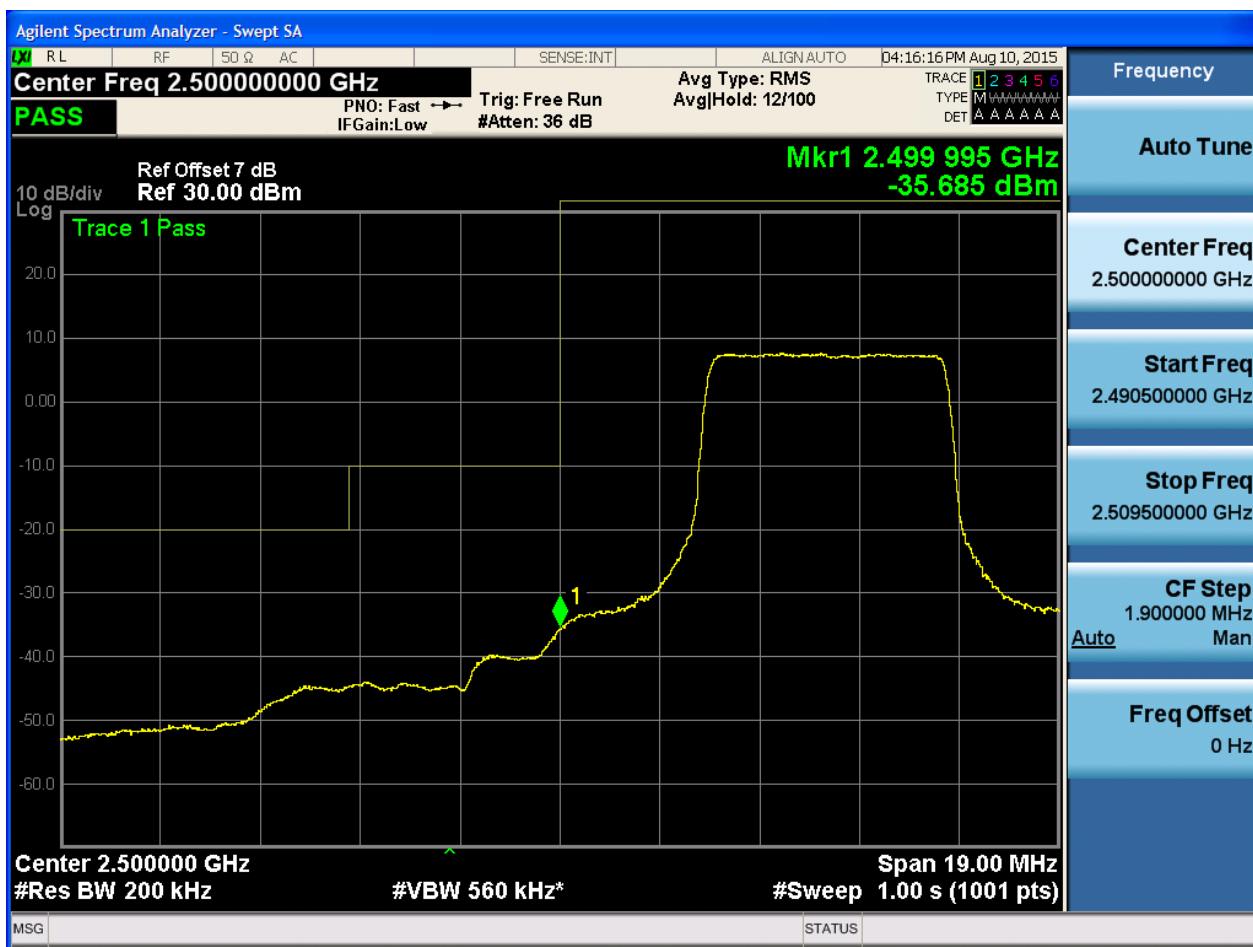


5.1.1.1.2.1.2 Test RB = RB1#49





5.1.1.1.2.1.3 Test RB = RB25#13





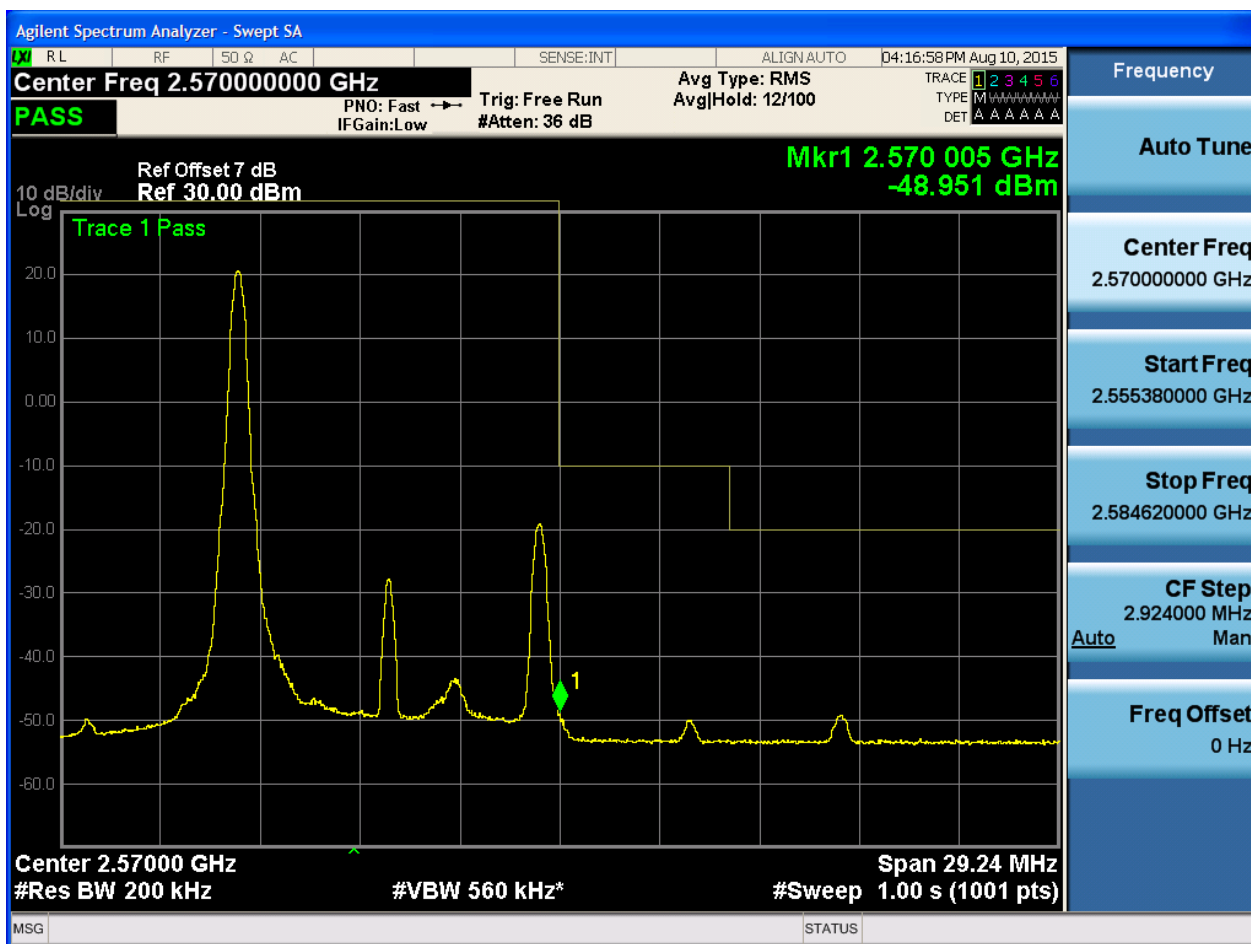
5.1.1.1.2.1.4 Test RB = RB50#0





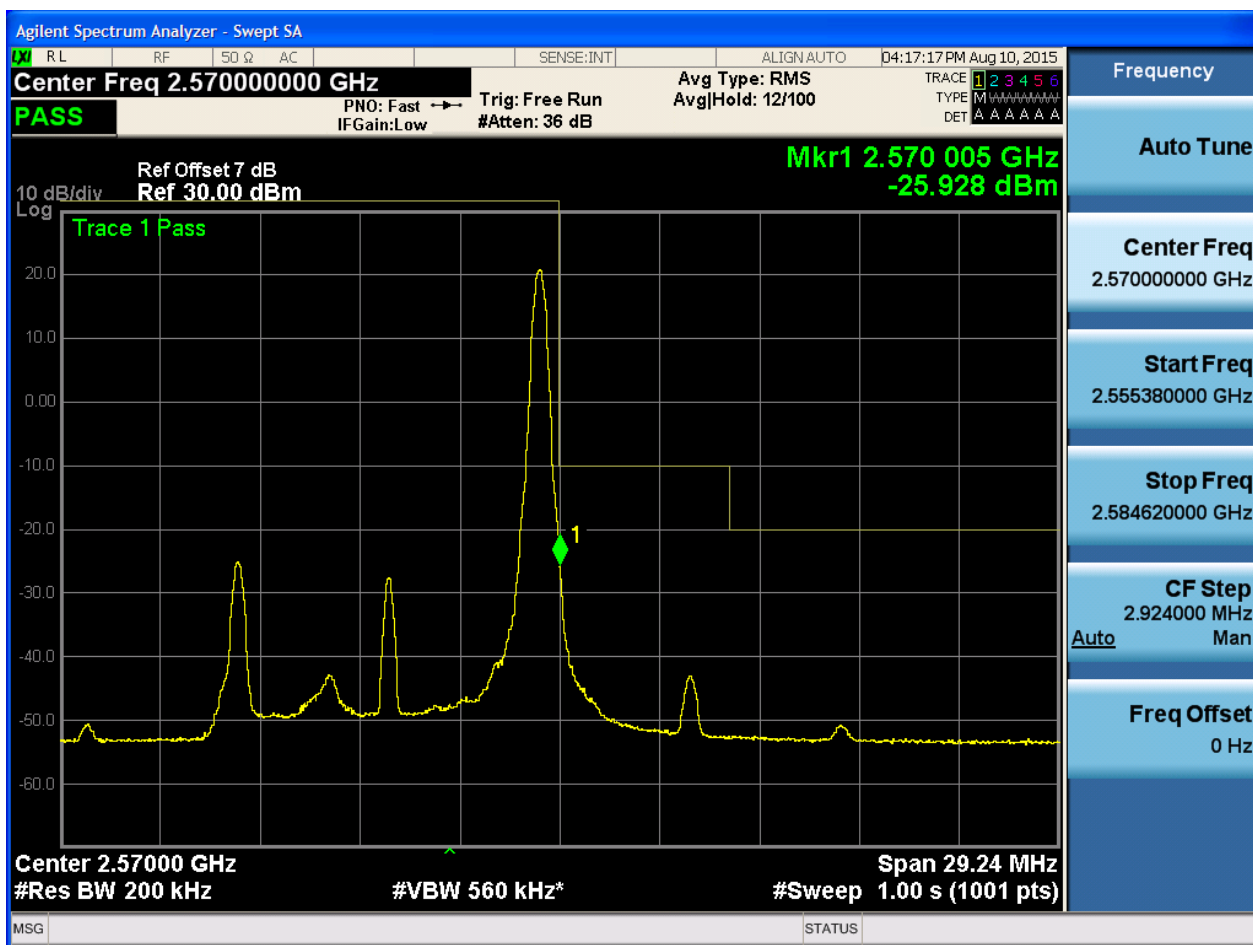
5.1.1.1.2.2 Test Channel = HCH

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

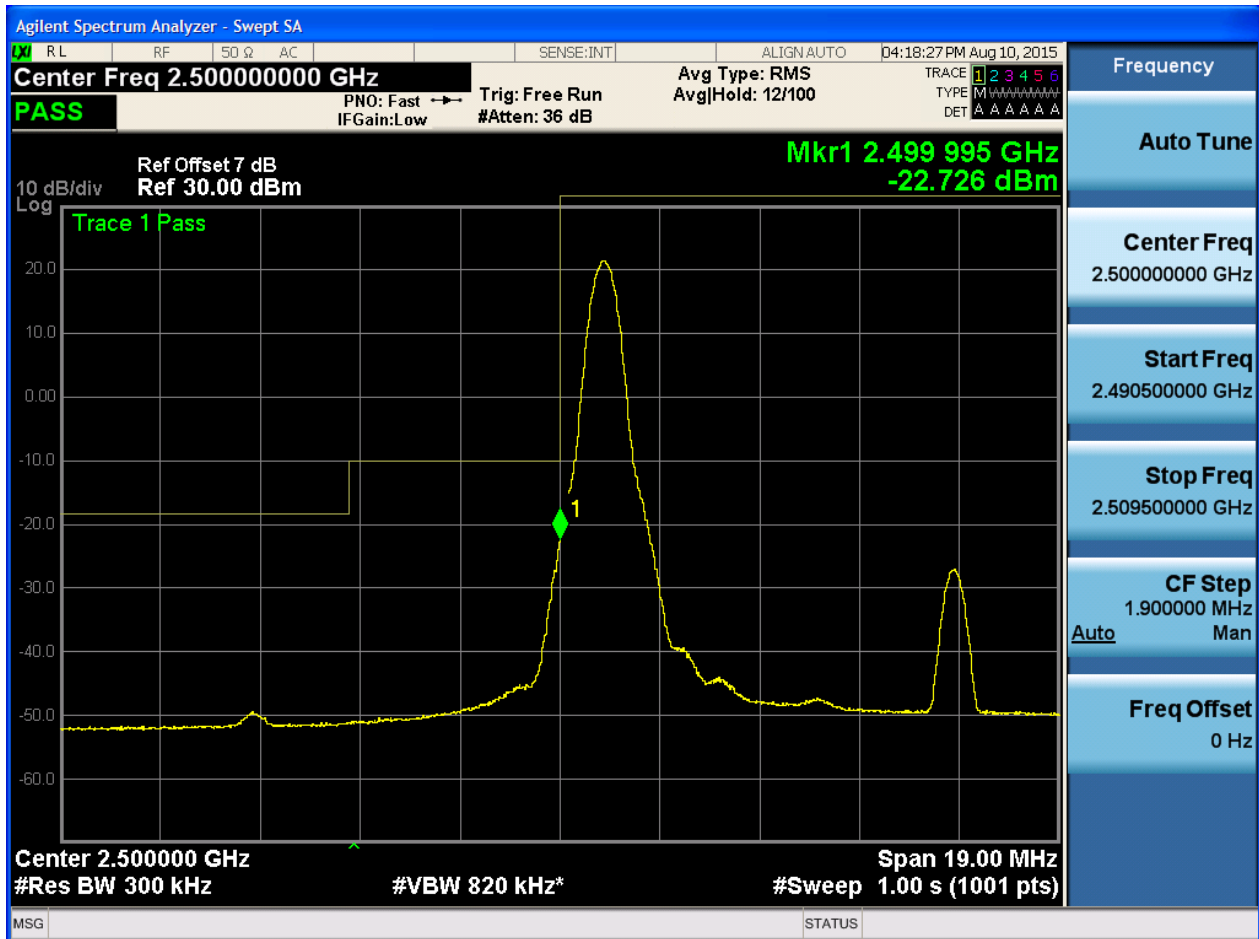




5.1.1.1.3 Test Bandwidth = 15

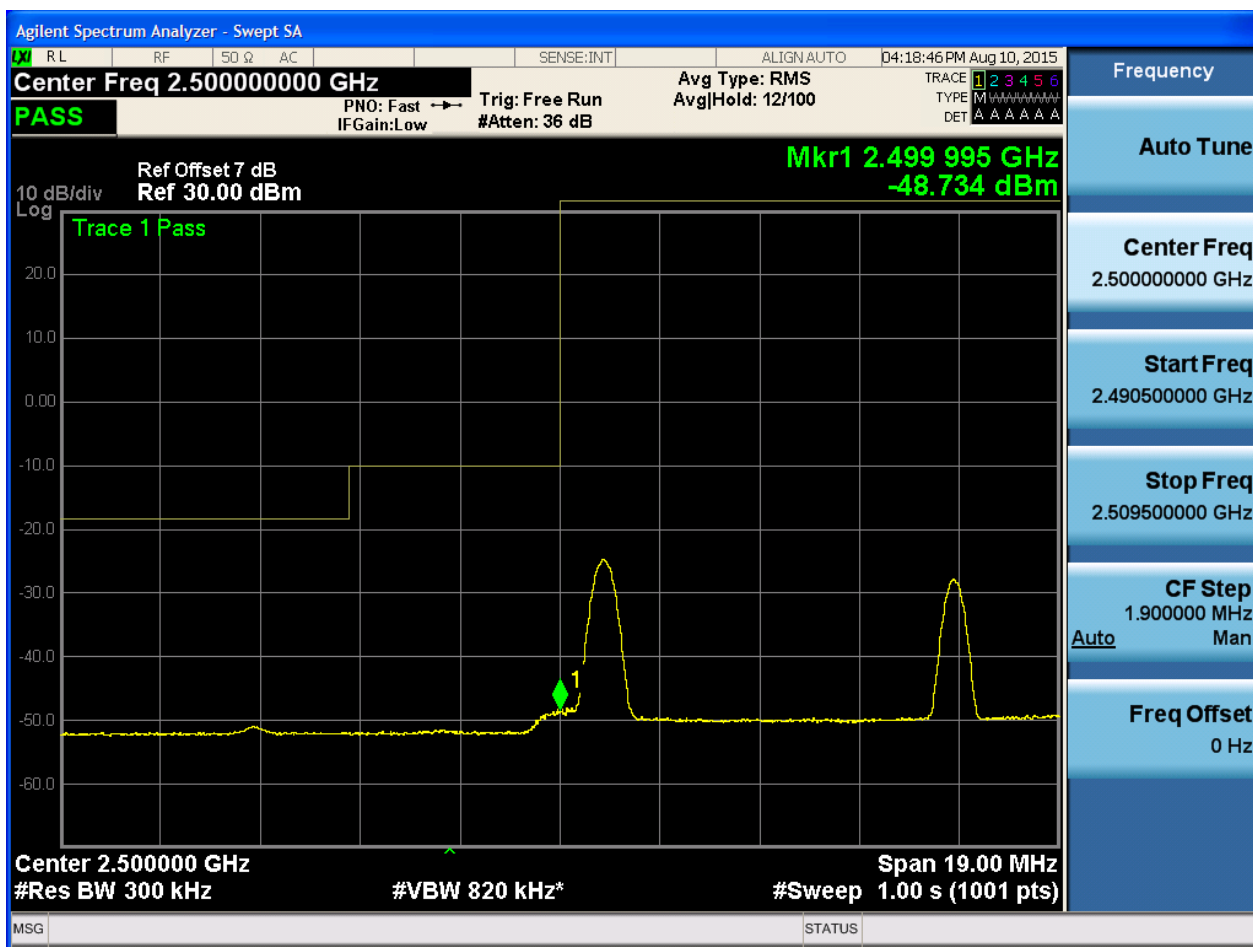
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



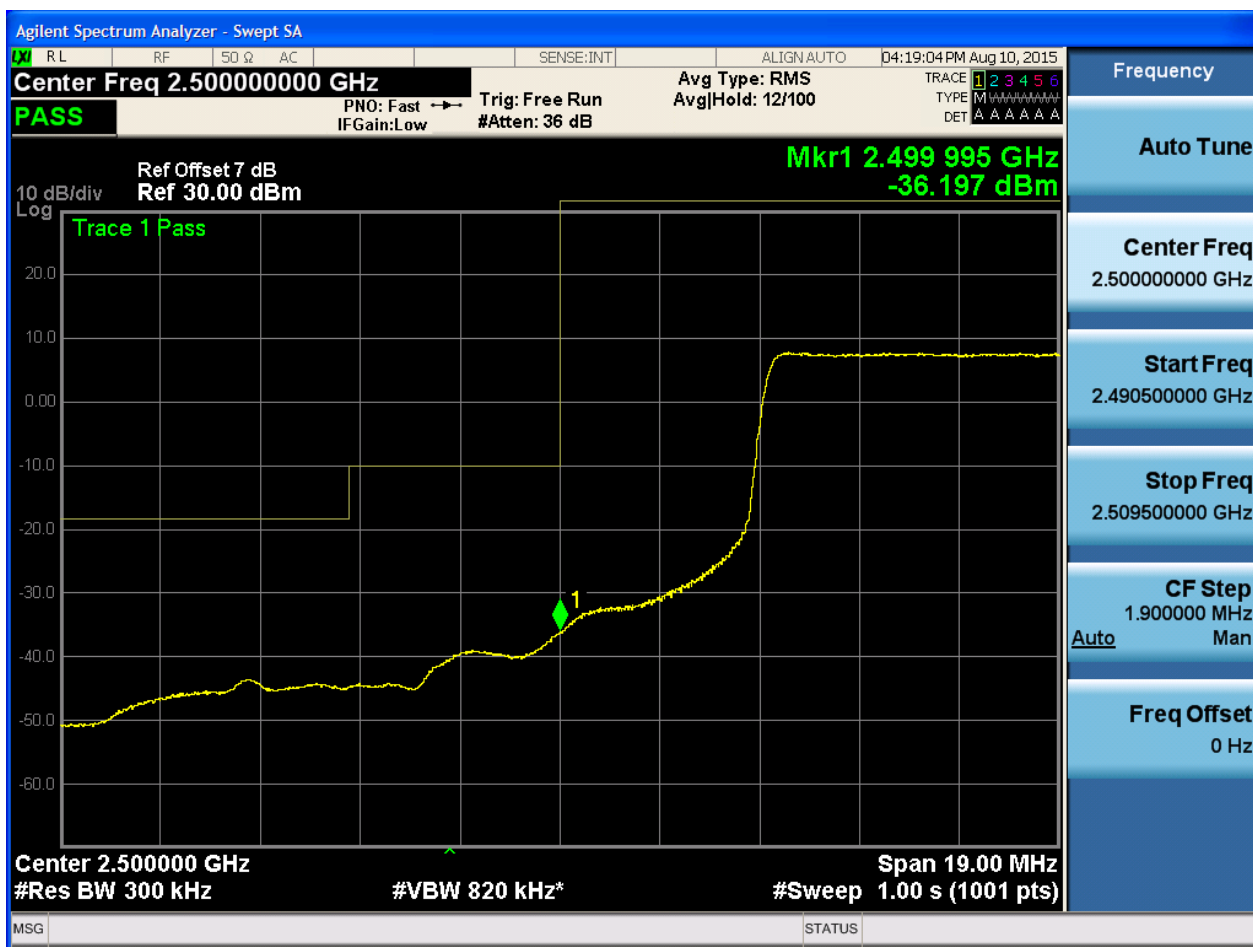


5.1.1.1.3.1.2 Test RB = RB1#74





5.1.1.1.3.1.3 Test RB = RB36#18



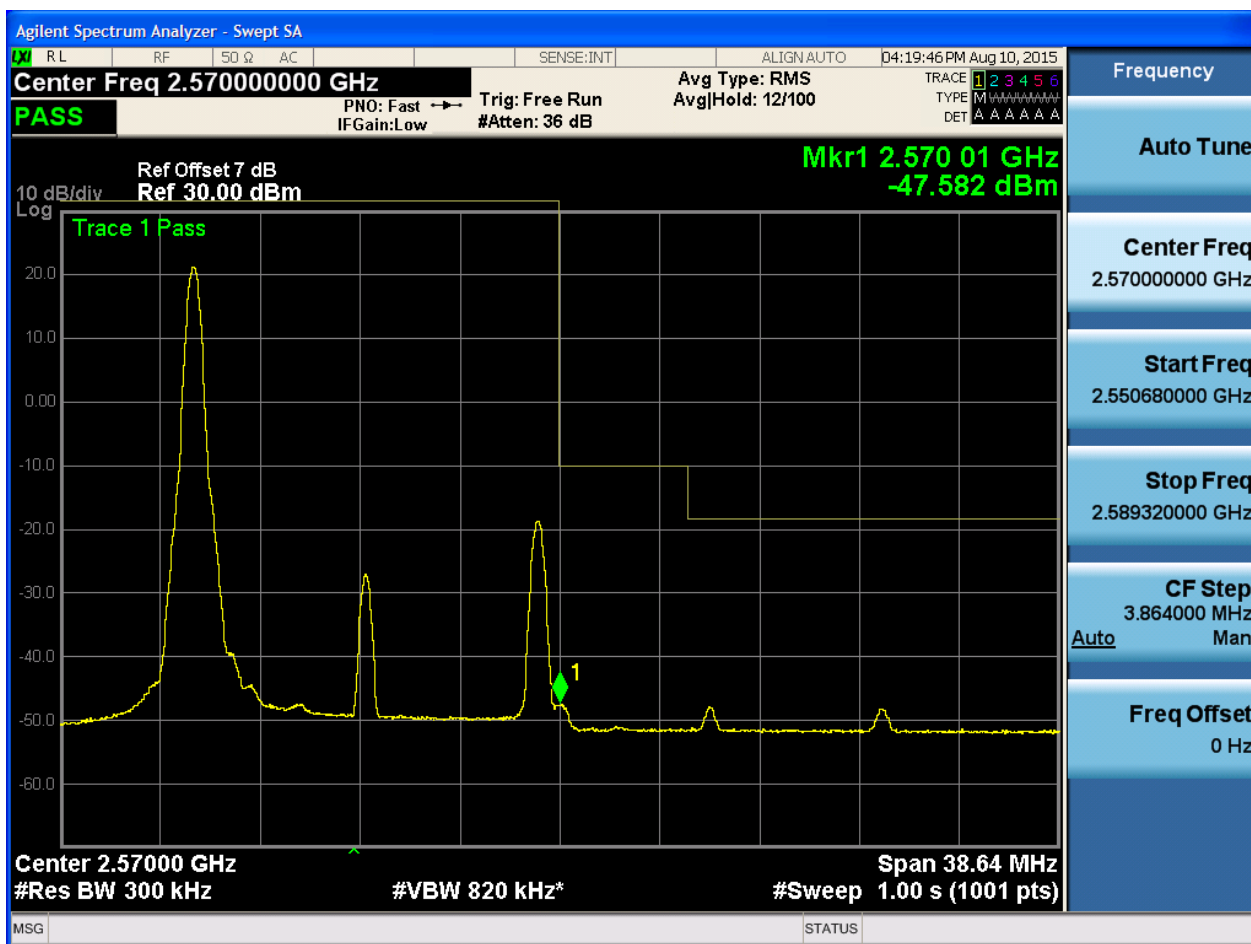


5.1.1.1.3.1.4 Test RB = RB75#0



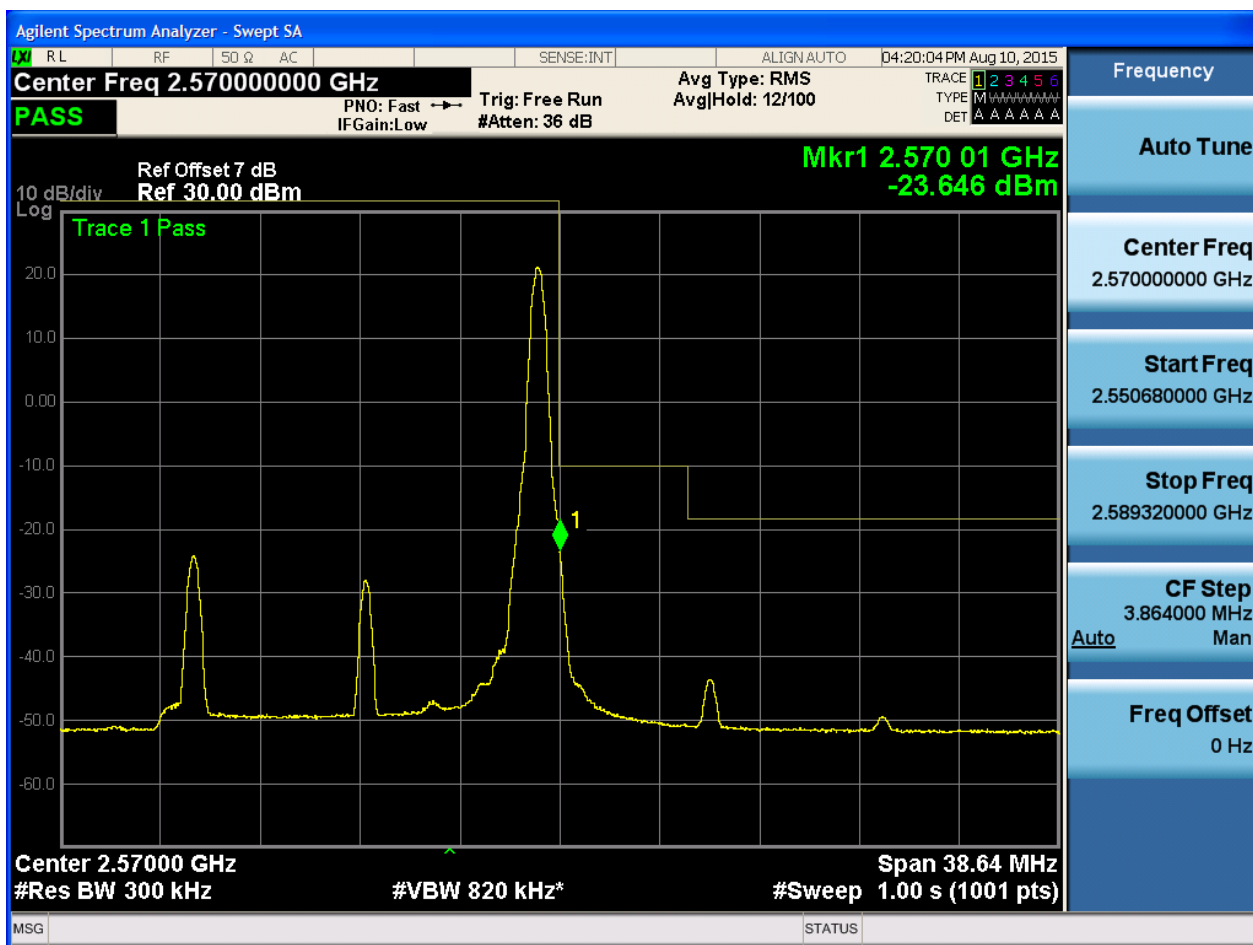
5.1.1.1.3.2 Test Channel = HCH

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

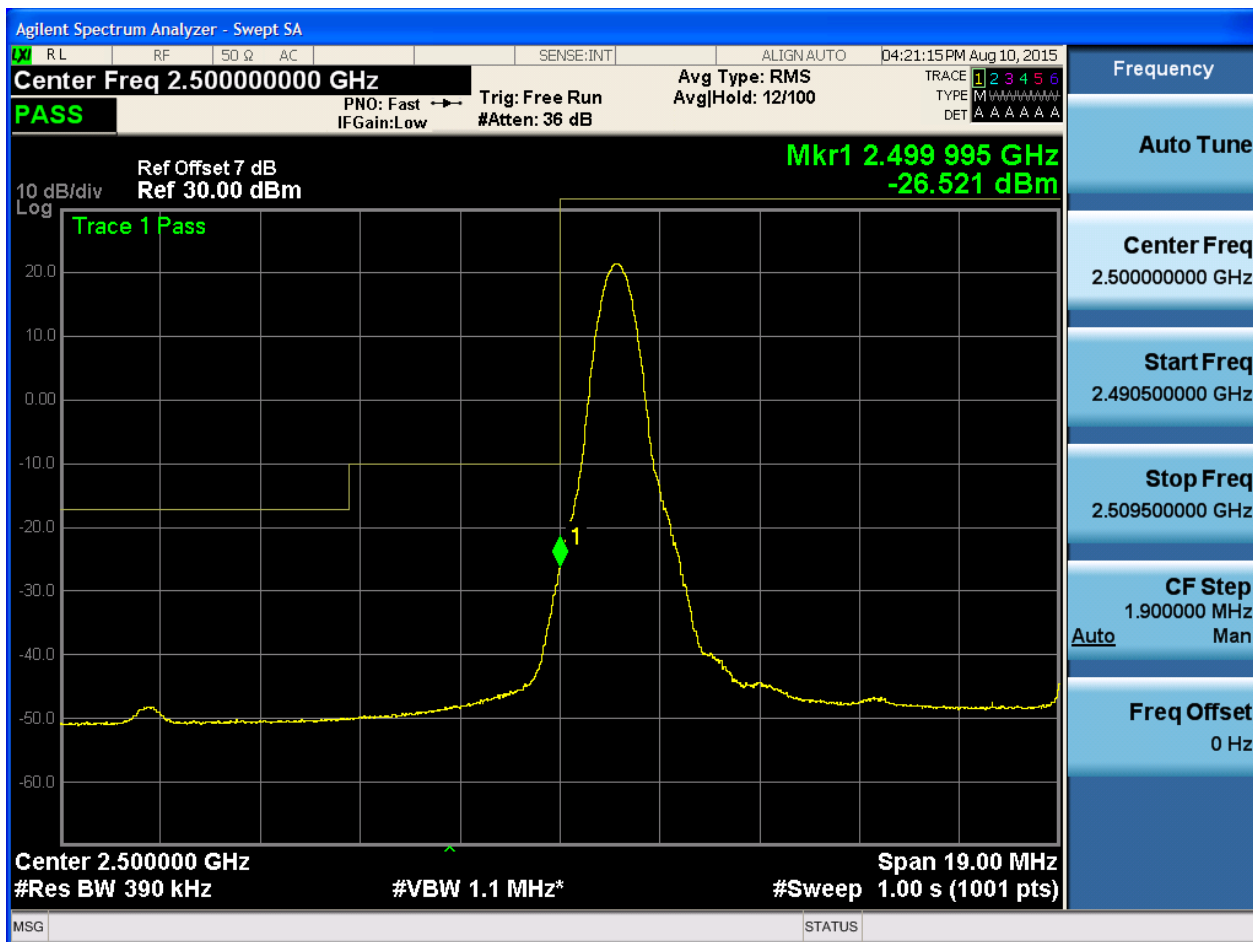




5.1.1.1.4 Test Bandwidth = 20

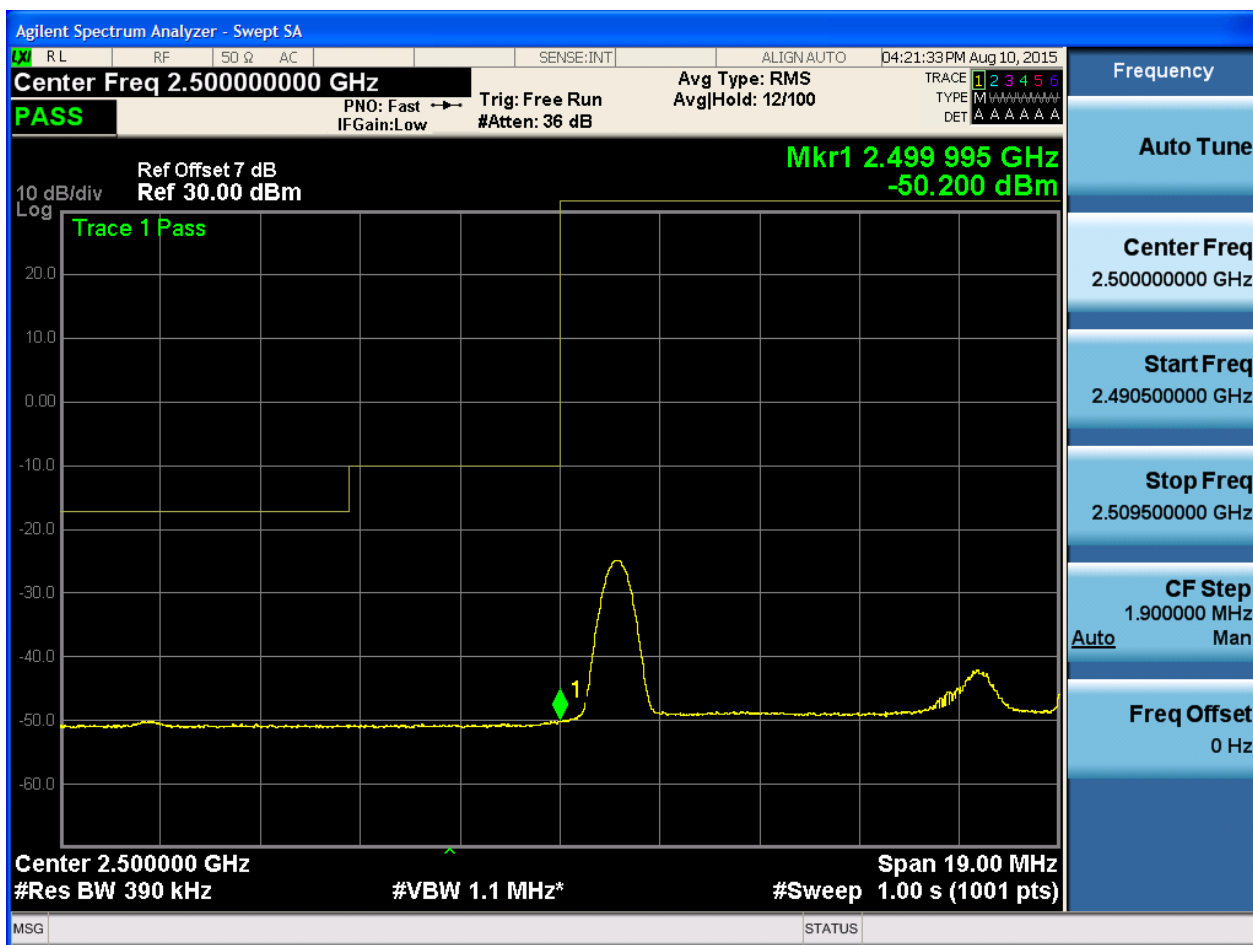
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



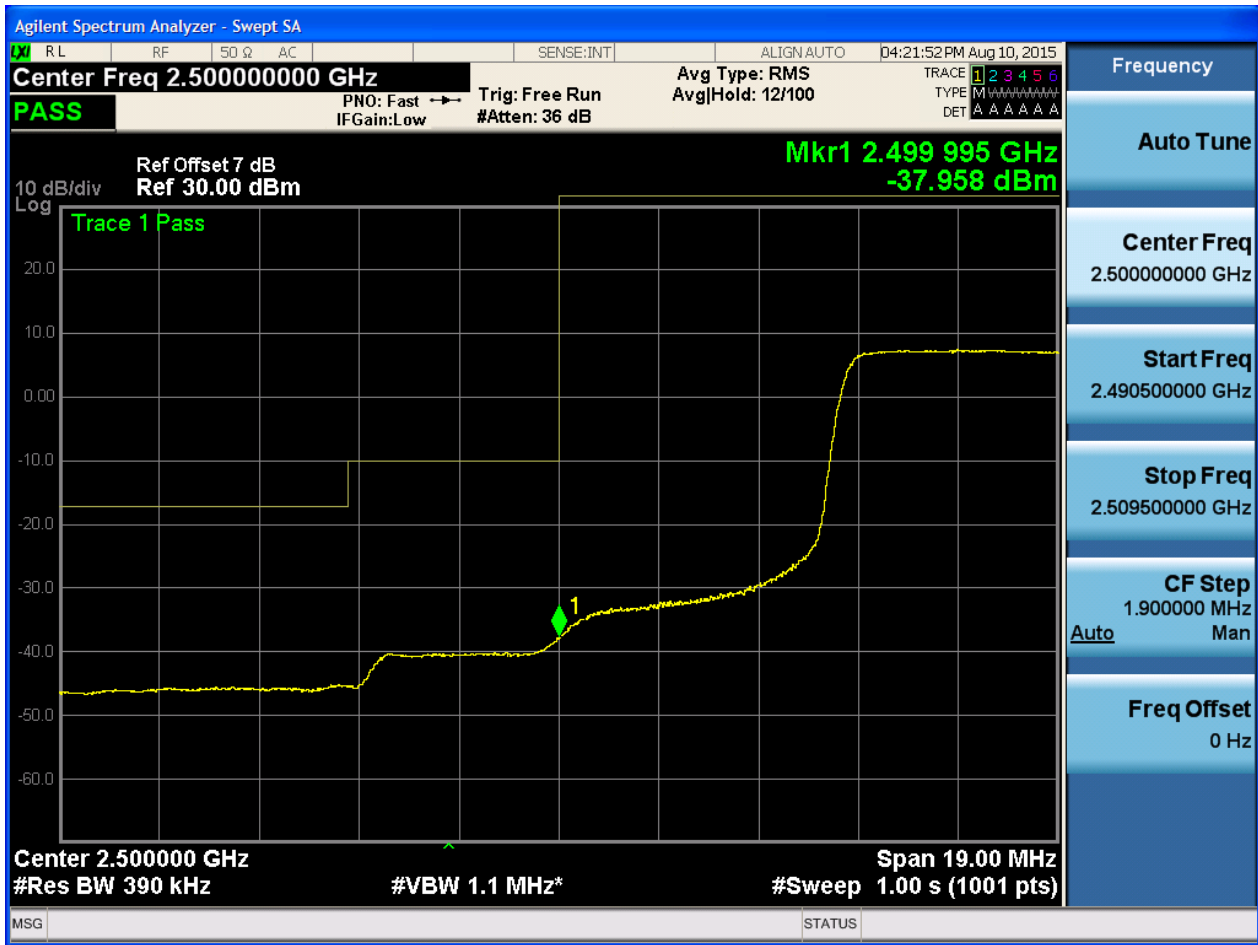


5.1.1.1.4.1.2 Test RB = RB1#99



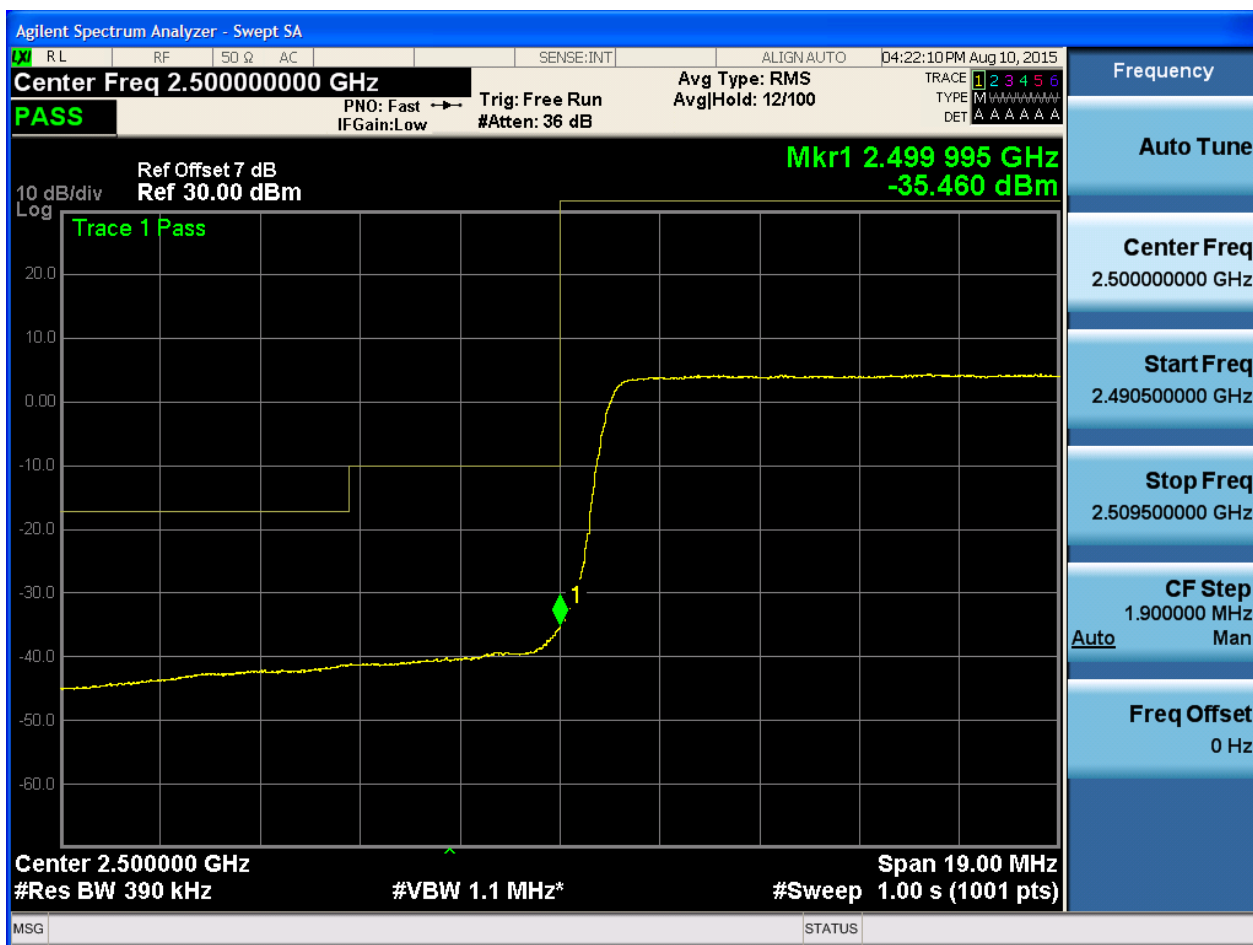


5.1.1.1.4.1.3 Test RB = RB50#25





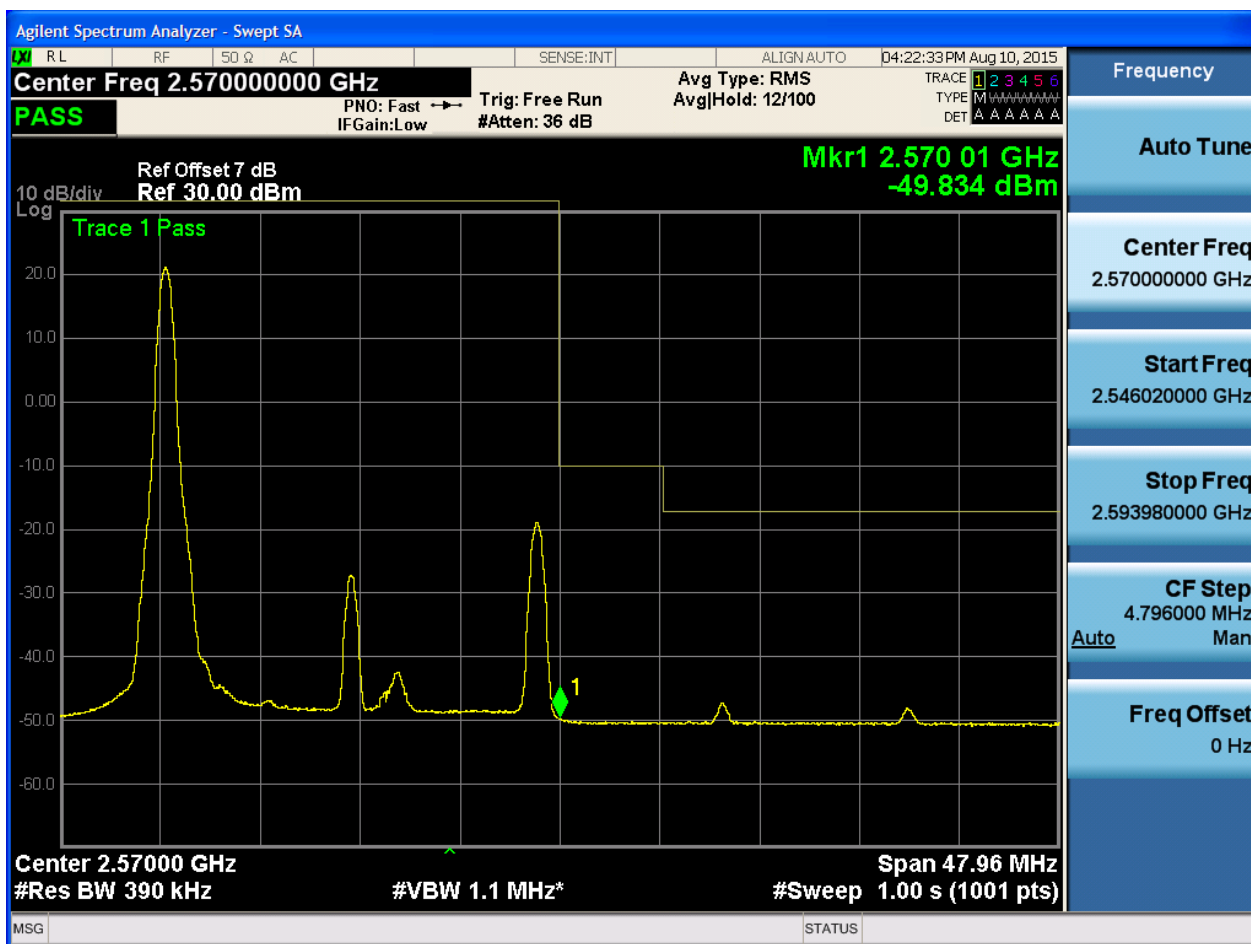
5.1.1.1.4.1.4 Test RB = RB100#0





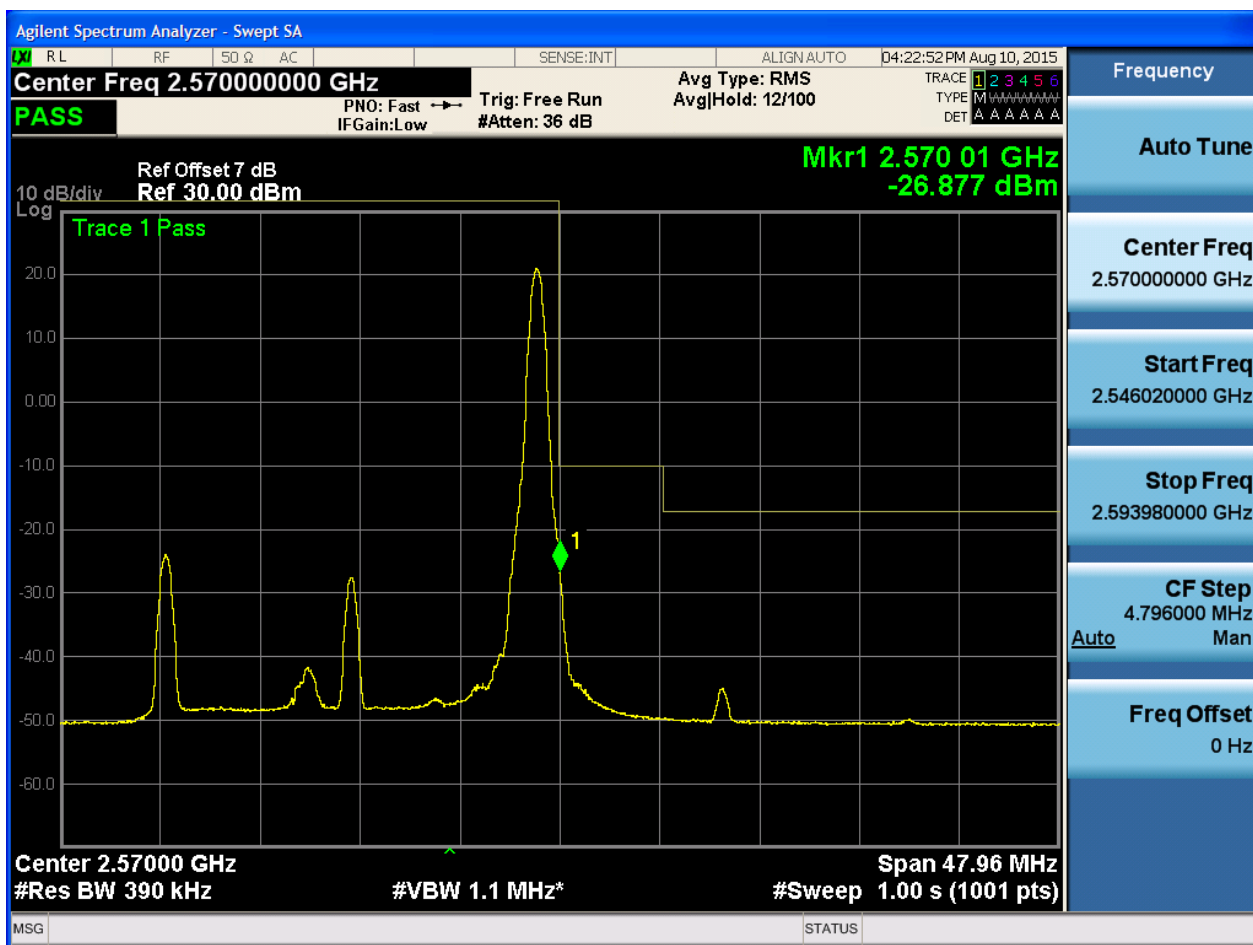
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



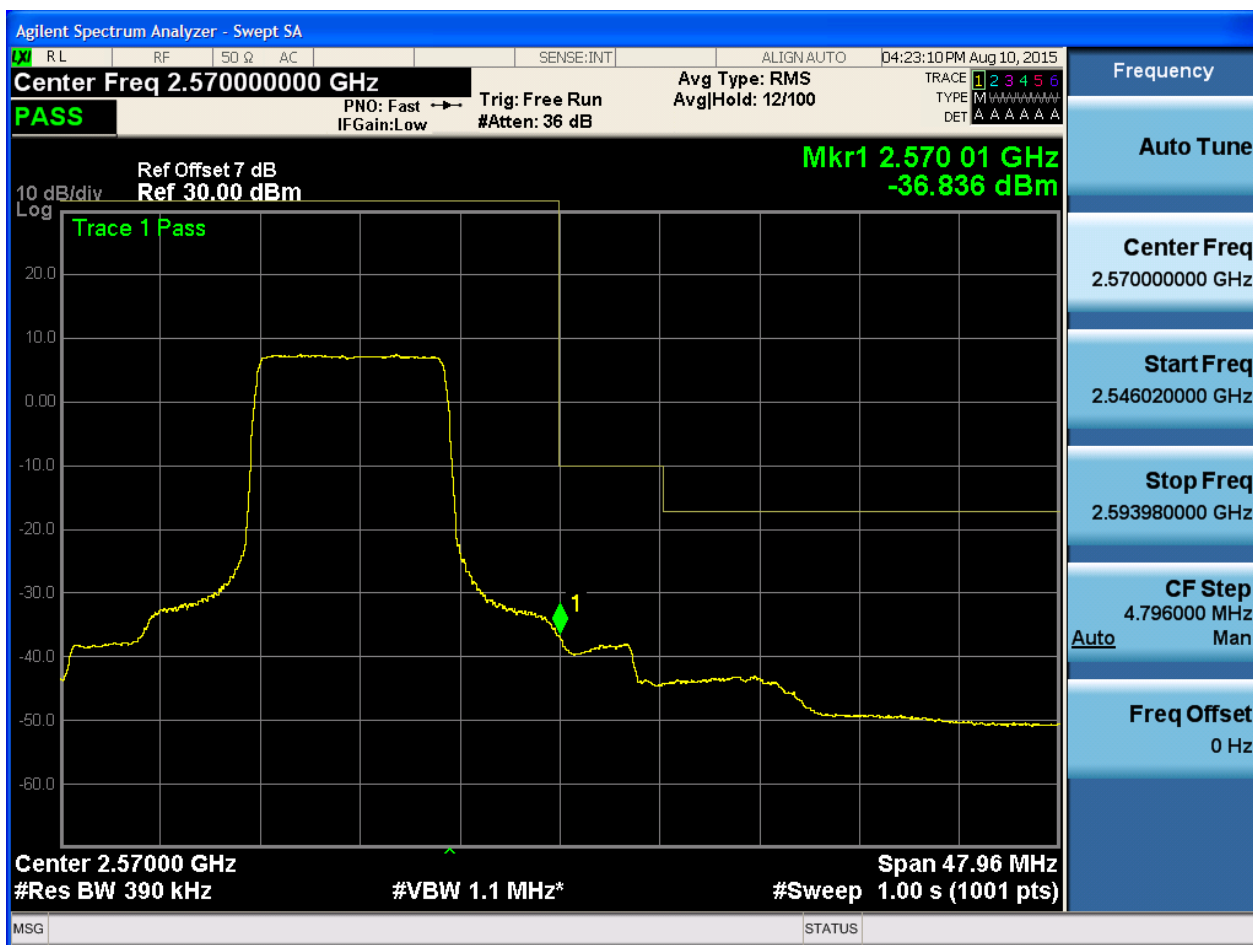


5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



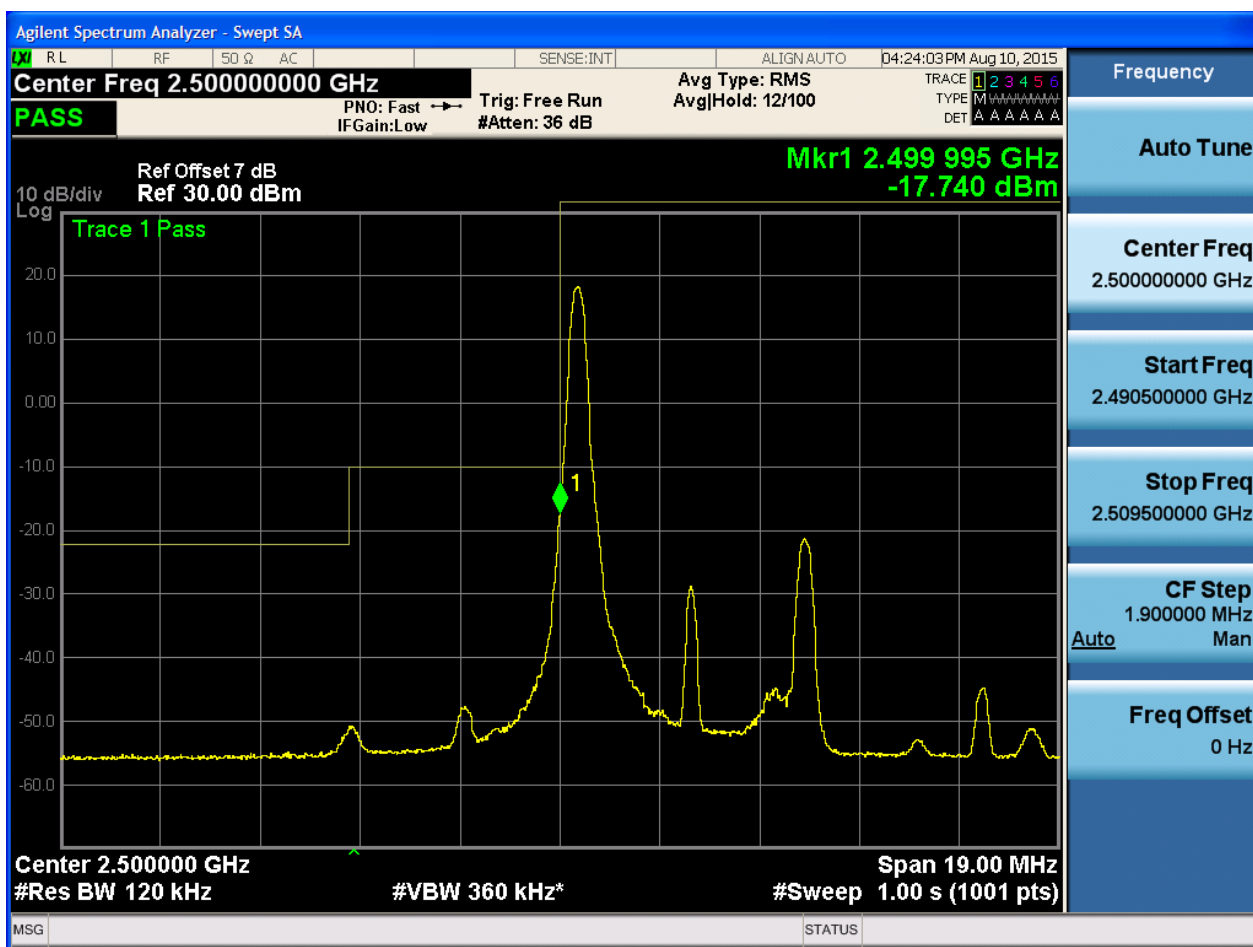


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

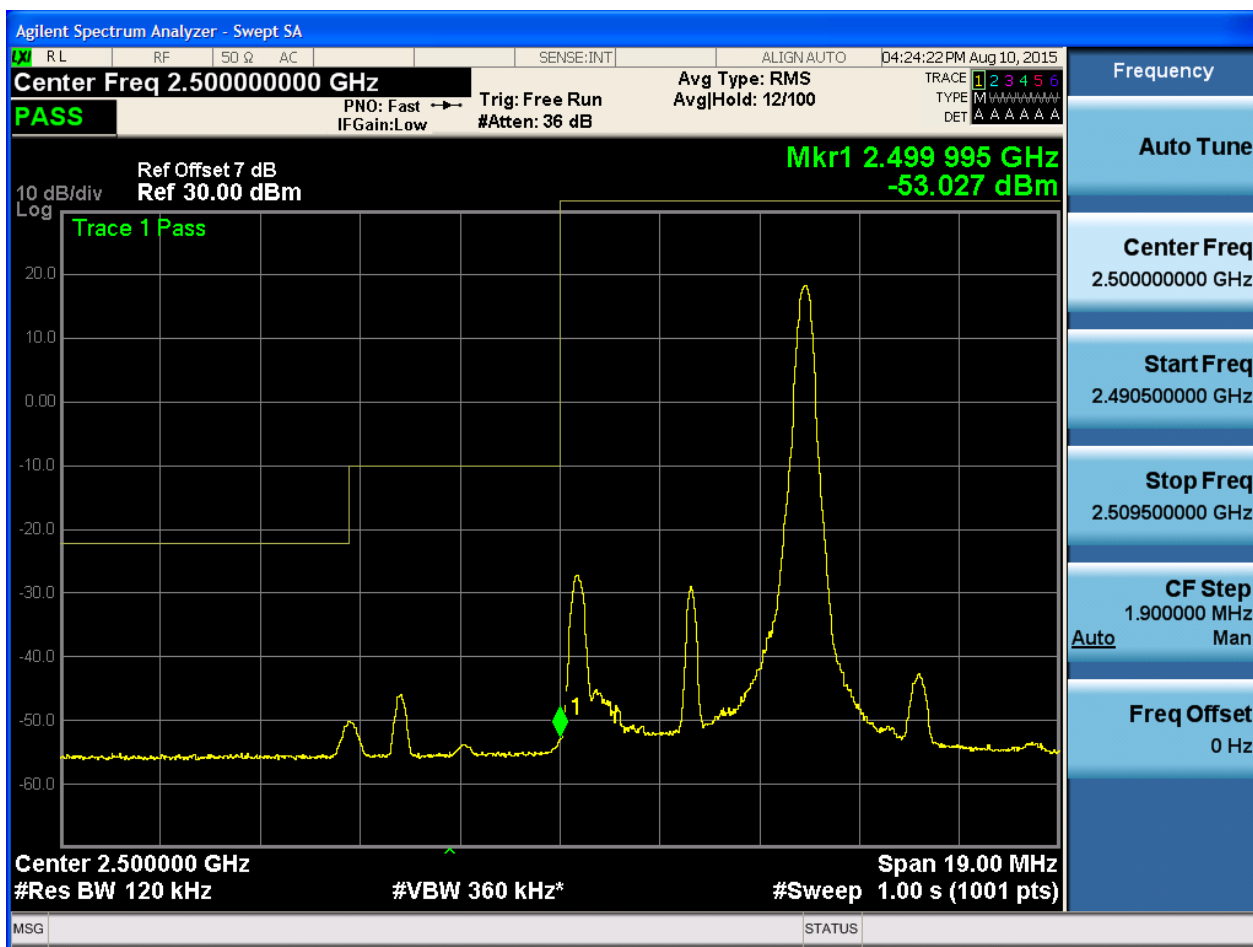
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



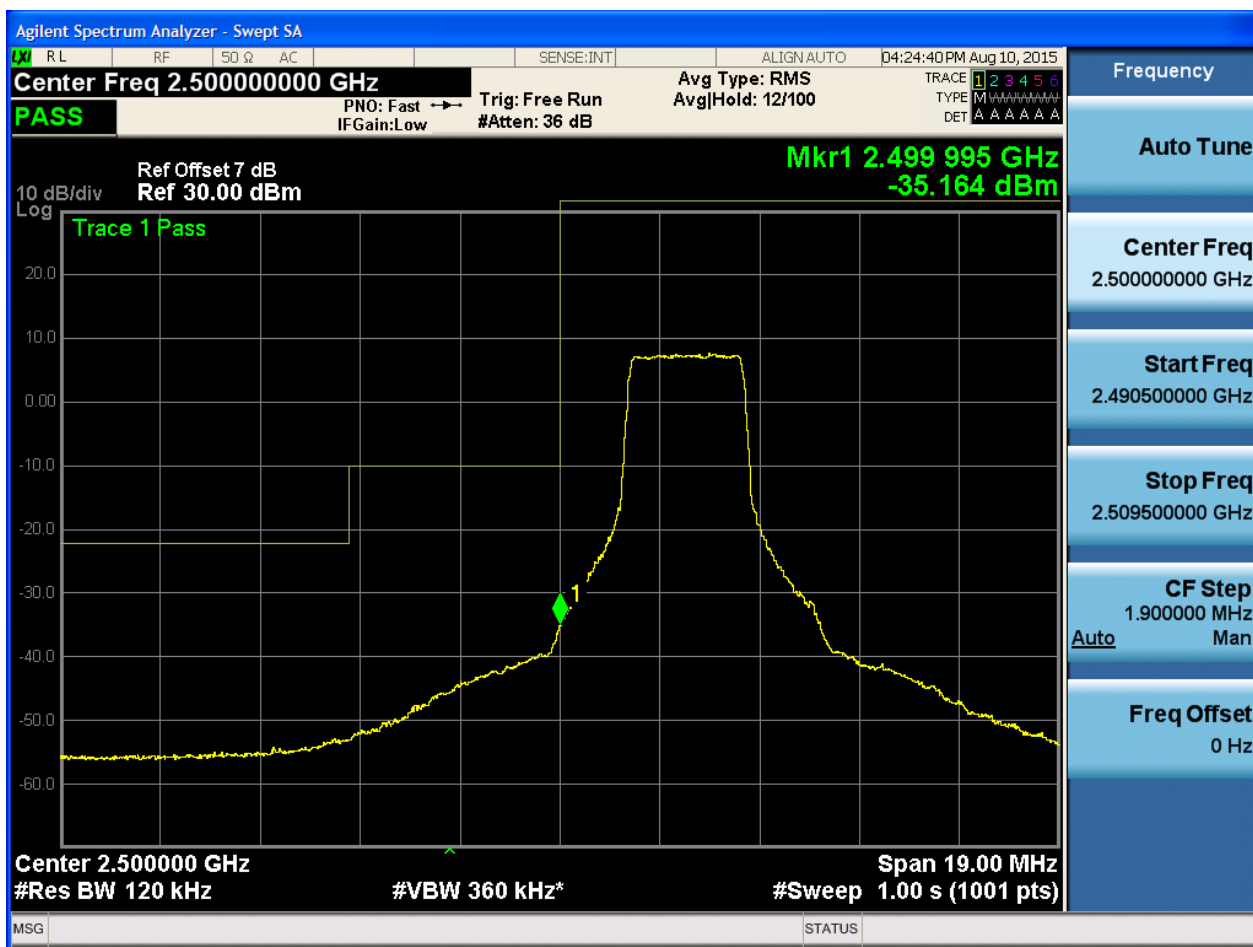


5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6



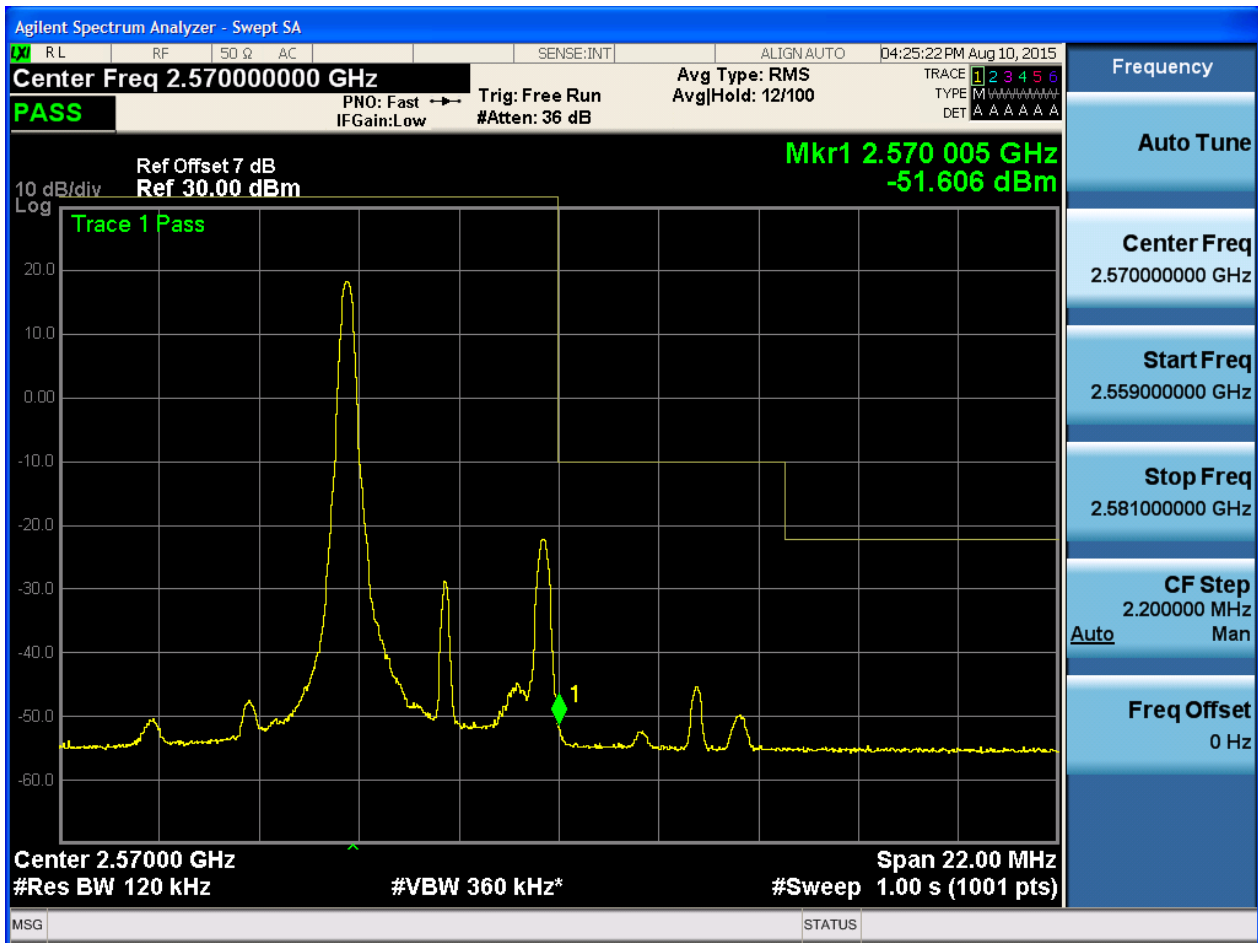


5.1.1.2.1.1.4 Test RB = RB25#0



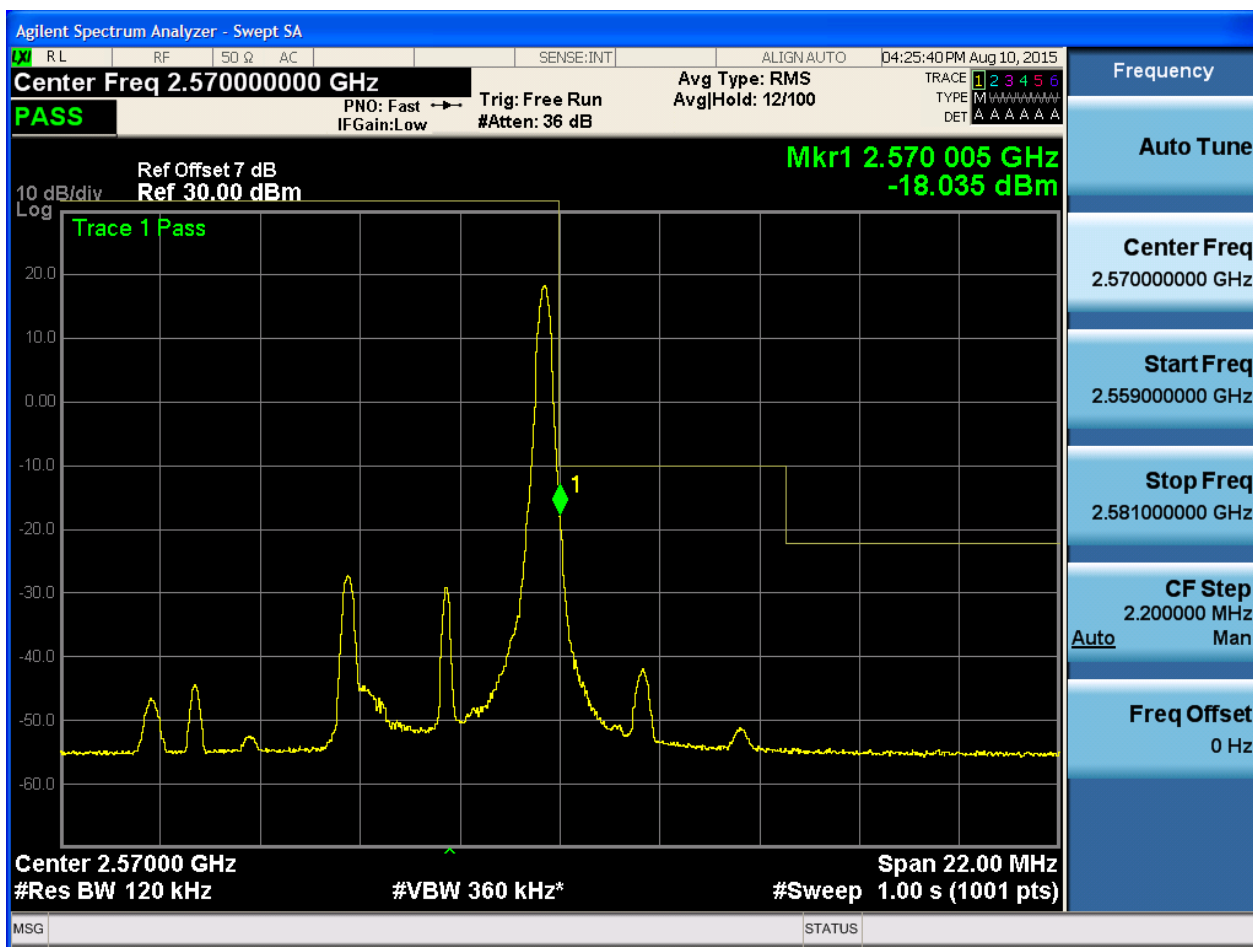


5.1.1.2.1.2.1 Test RB = RB1#0



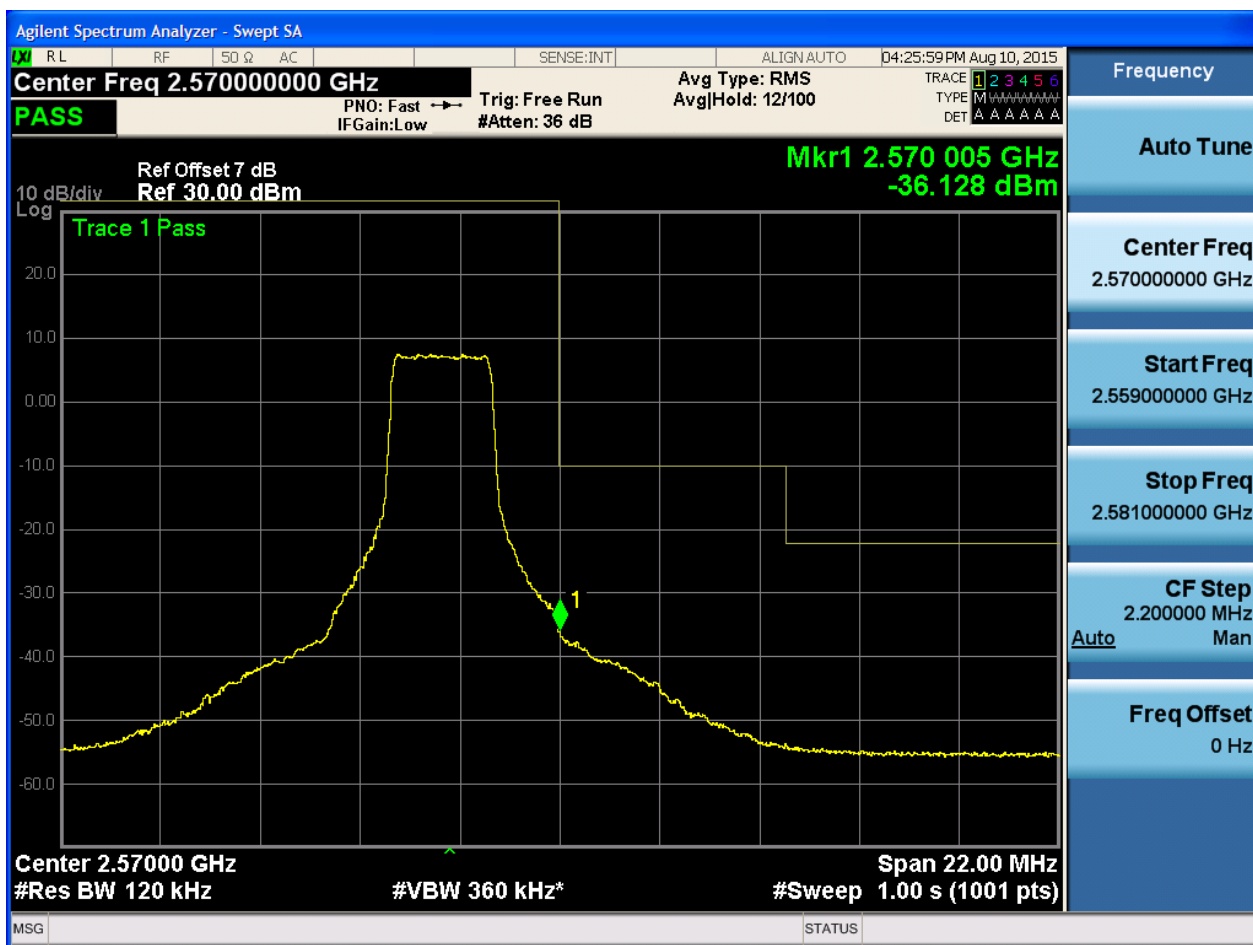


5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

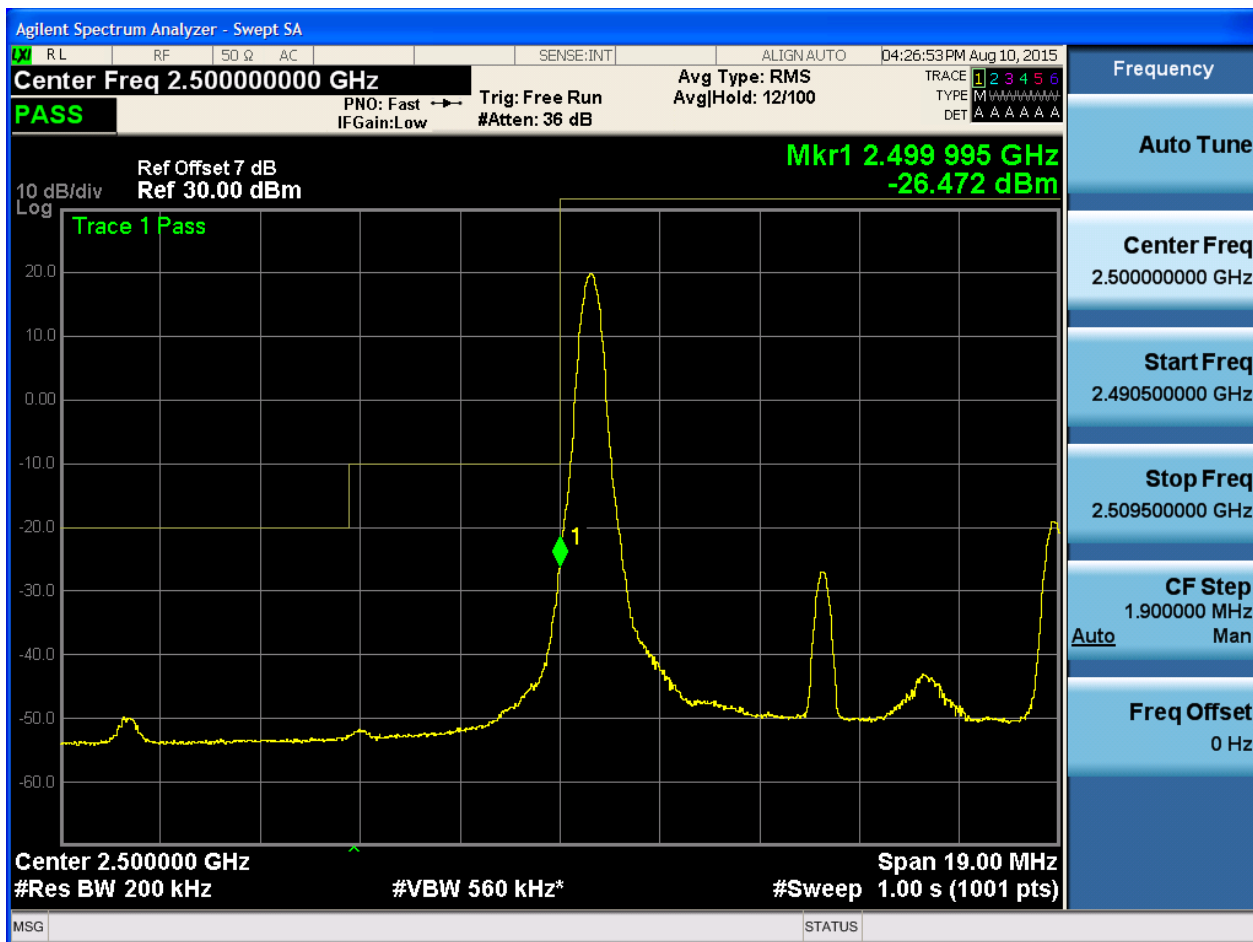




5.1.1.2.2 Test Bandwidth = 10

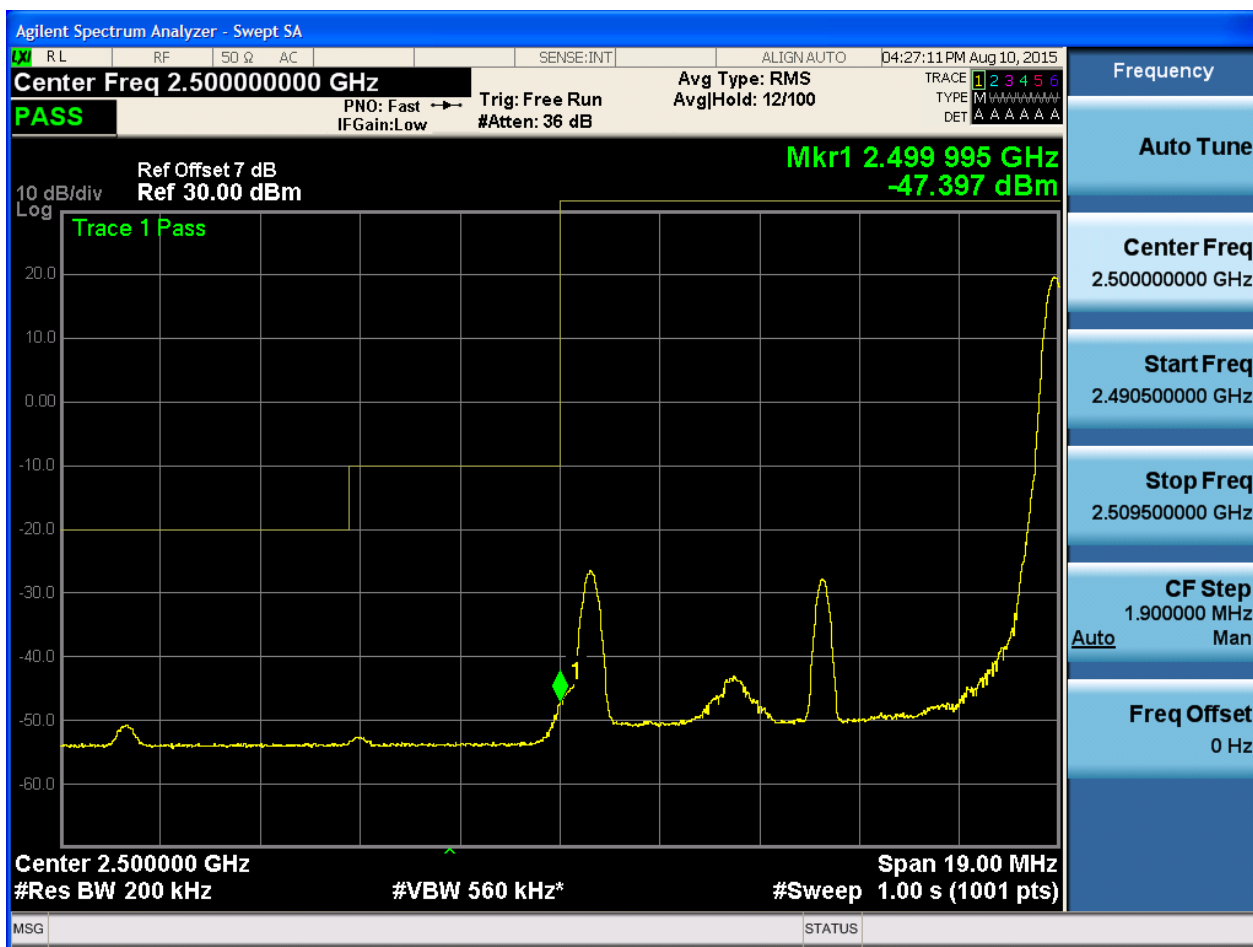
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



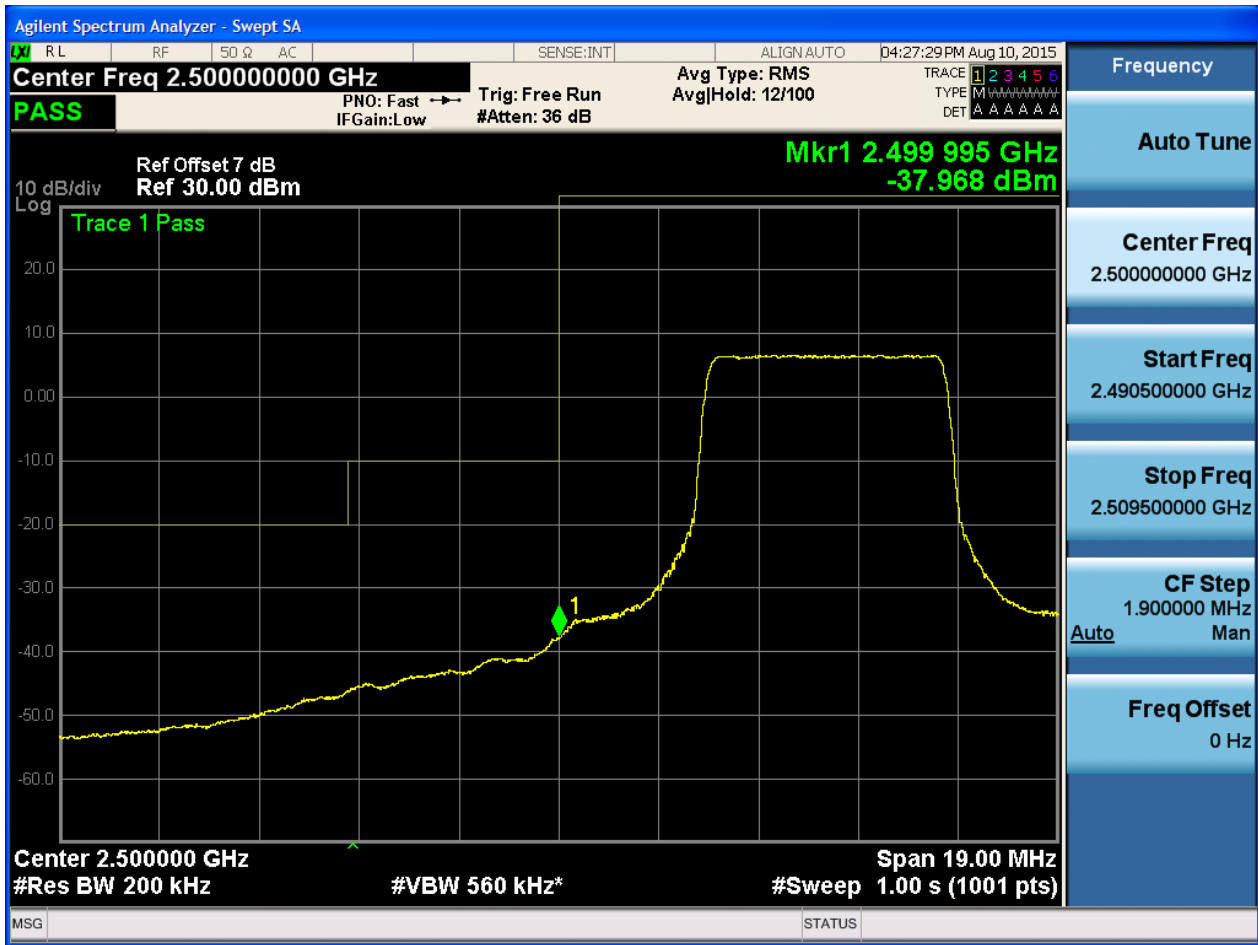


5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





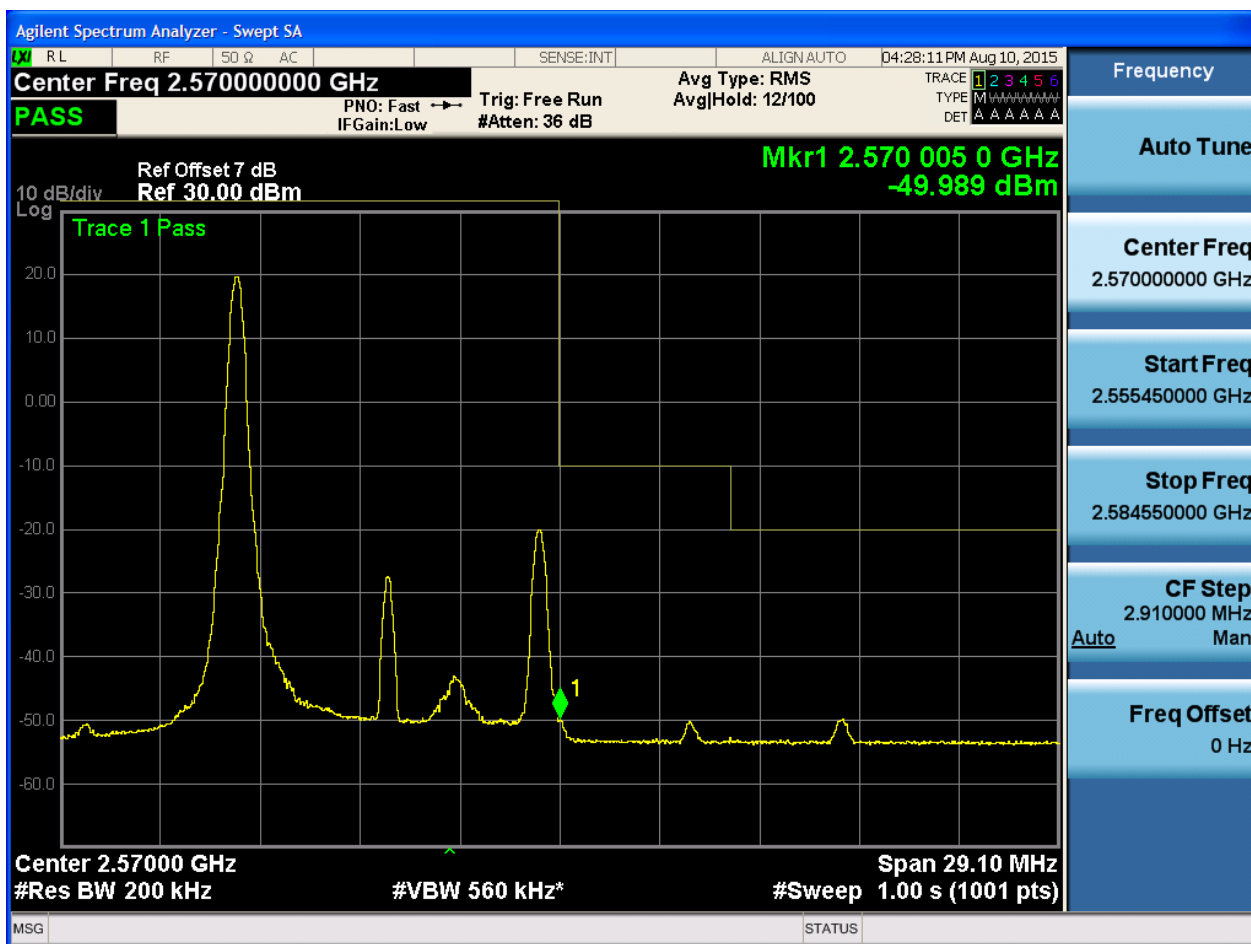
5.1.1.2.2.1.4 Test RB = RB50#0





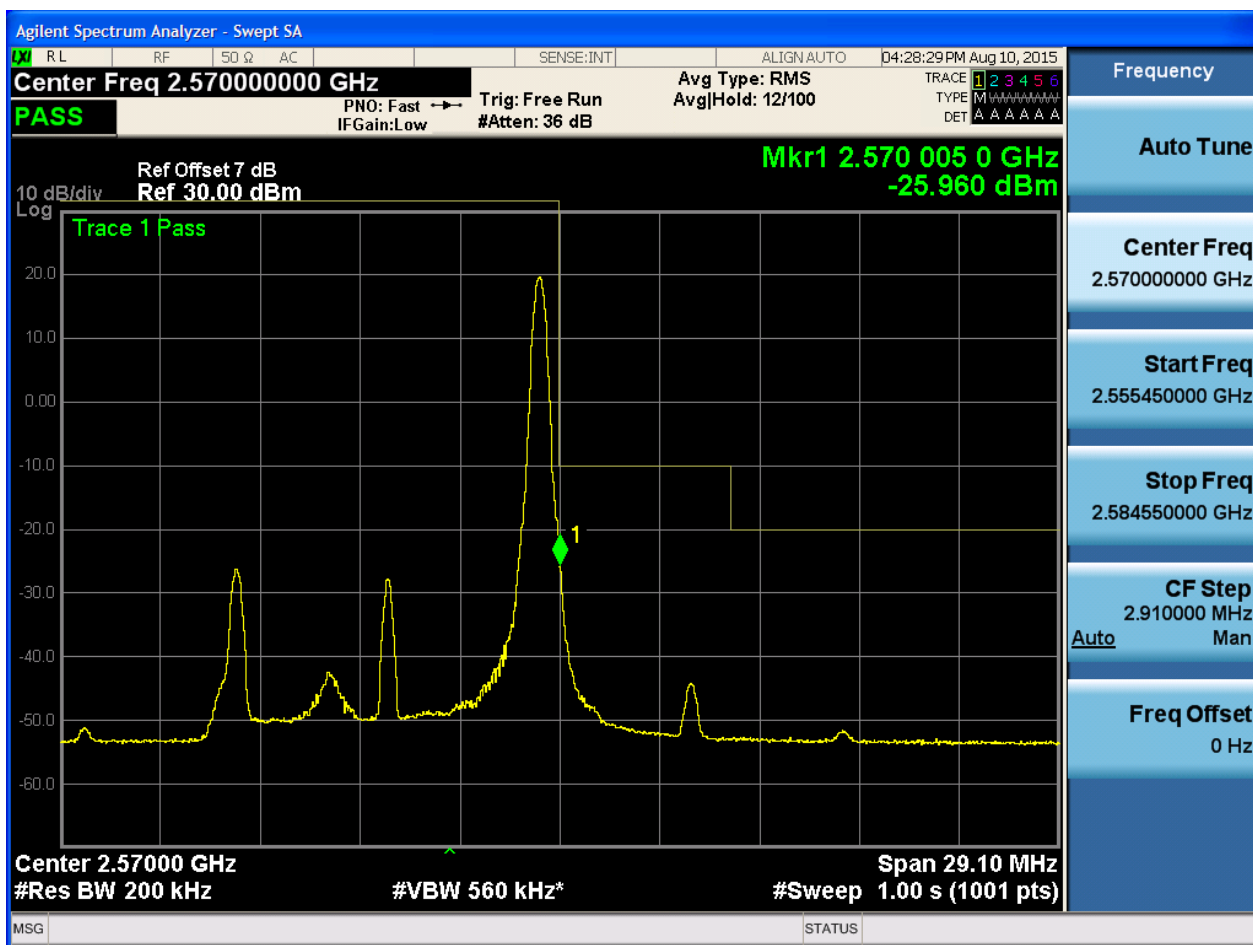
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



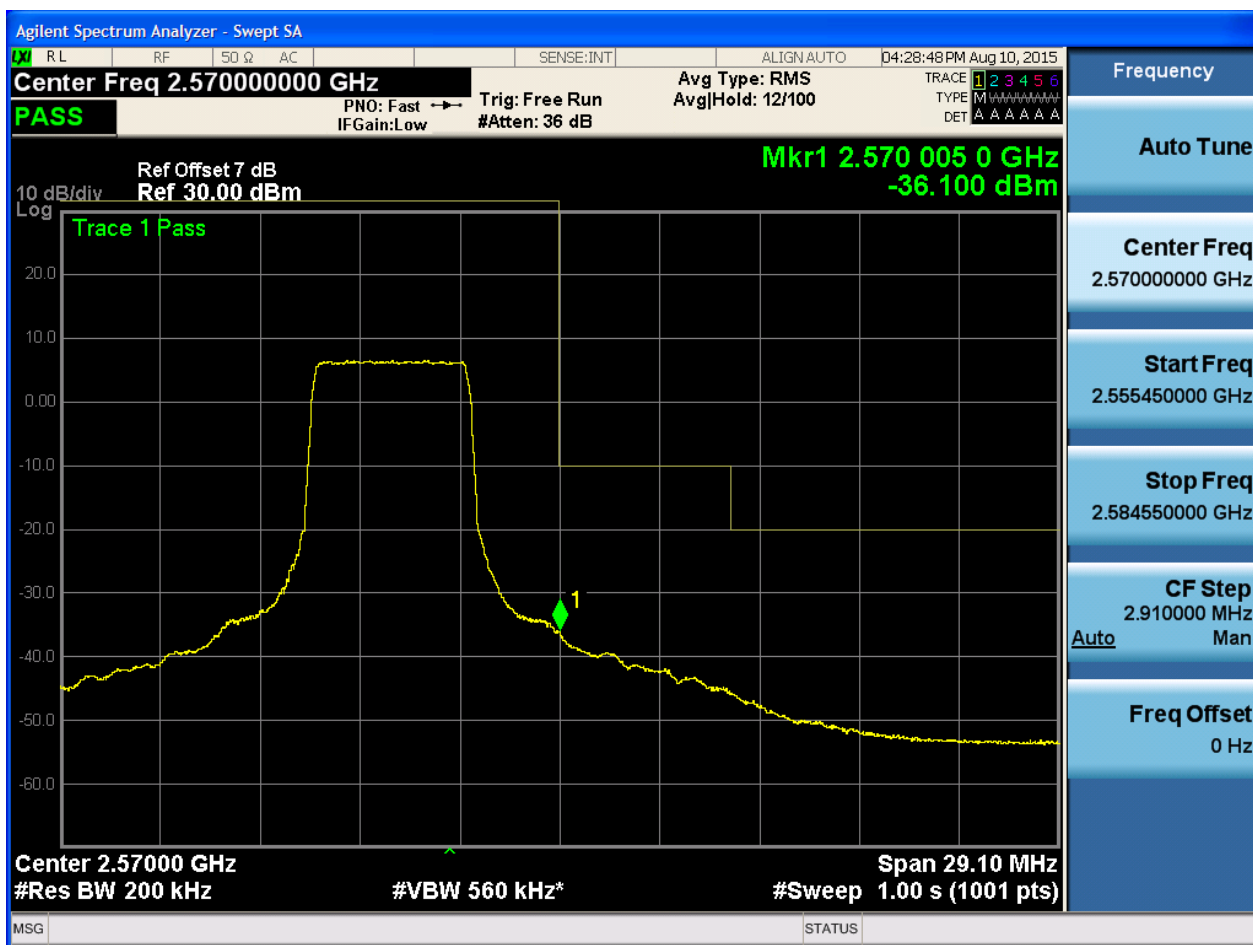


5.1.1.2.2.2 Test RB = RB1#49





5.1.1.2.2.3 Test RB = RB25#13





5.1.1.2.2.4 Test RB = RB50#0

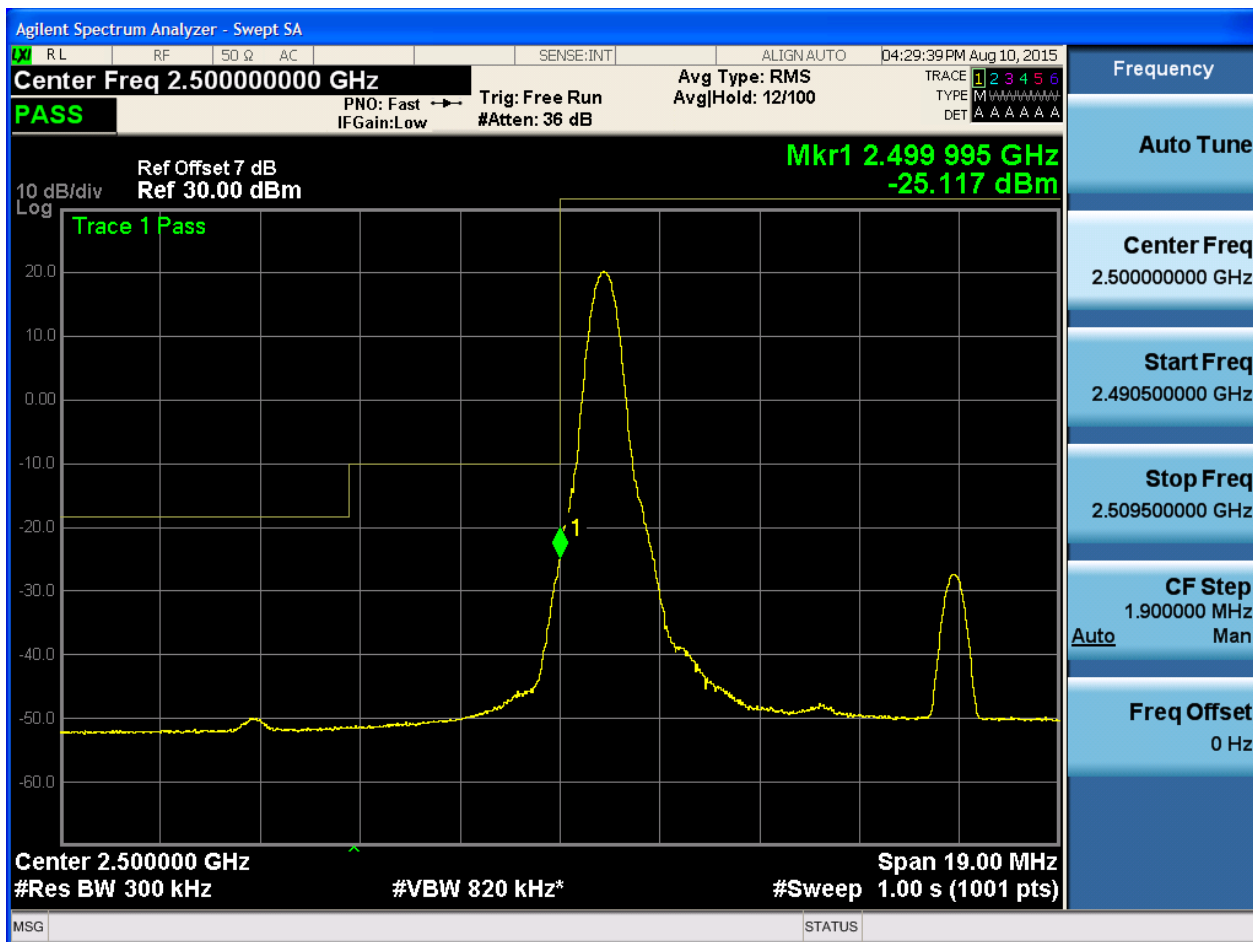




5.1.1.2.3 Test Bandwidth = 15

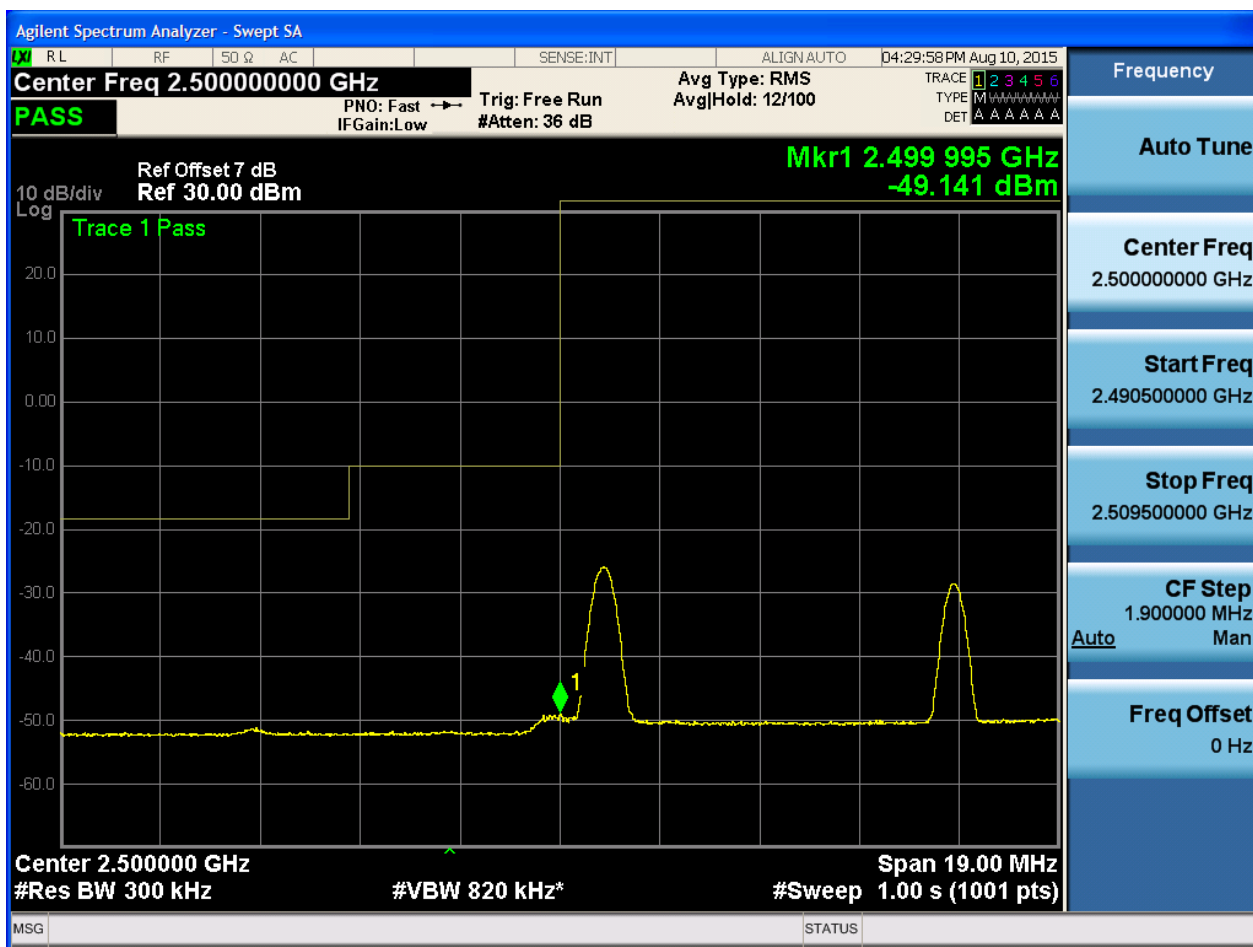
5.1.1.2.3.1 Test Channel = LCH

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





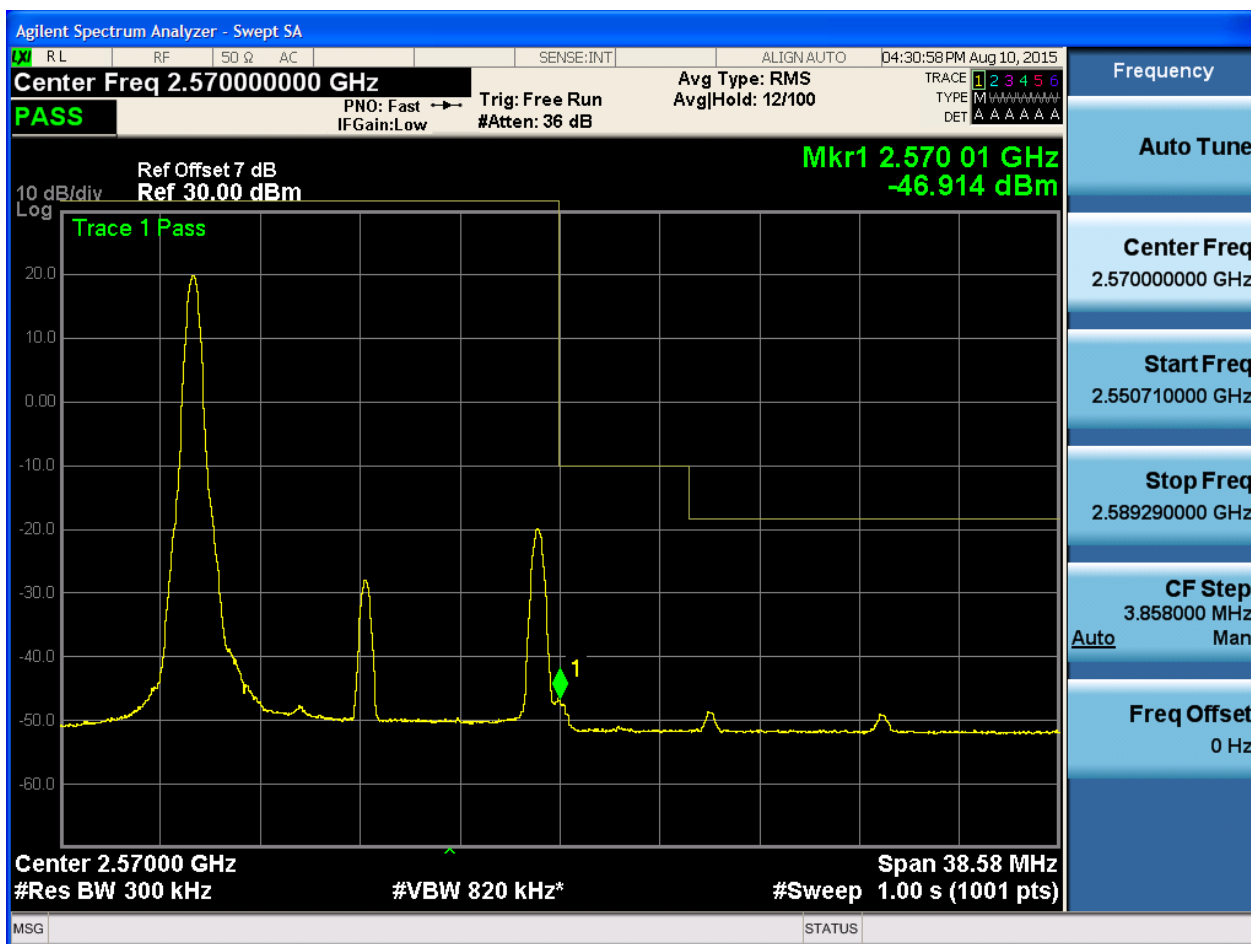
5.1.1.2.3.1.4 Test RB = RB75#0





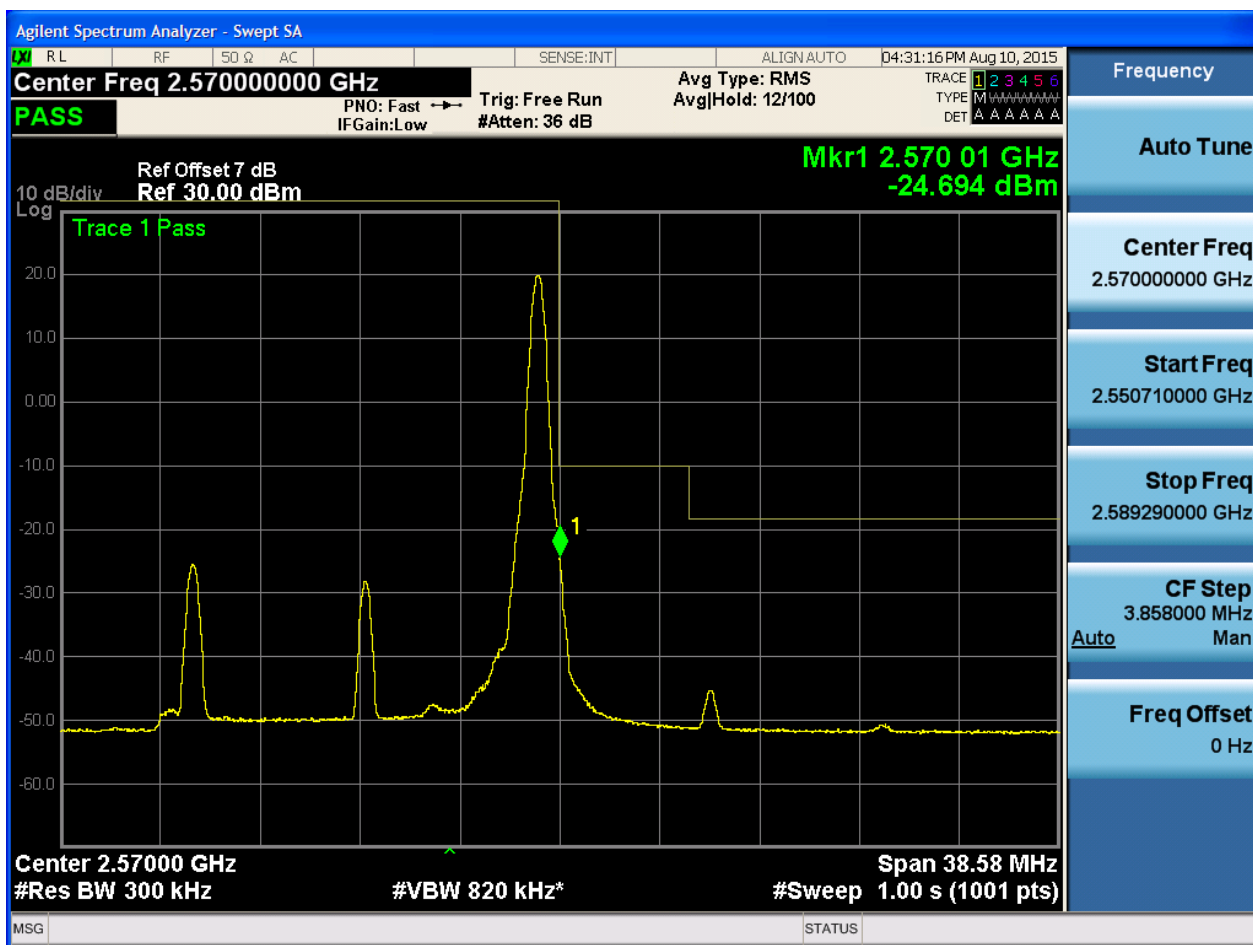
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



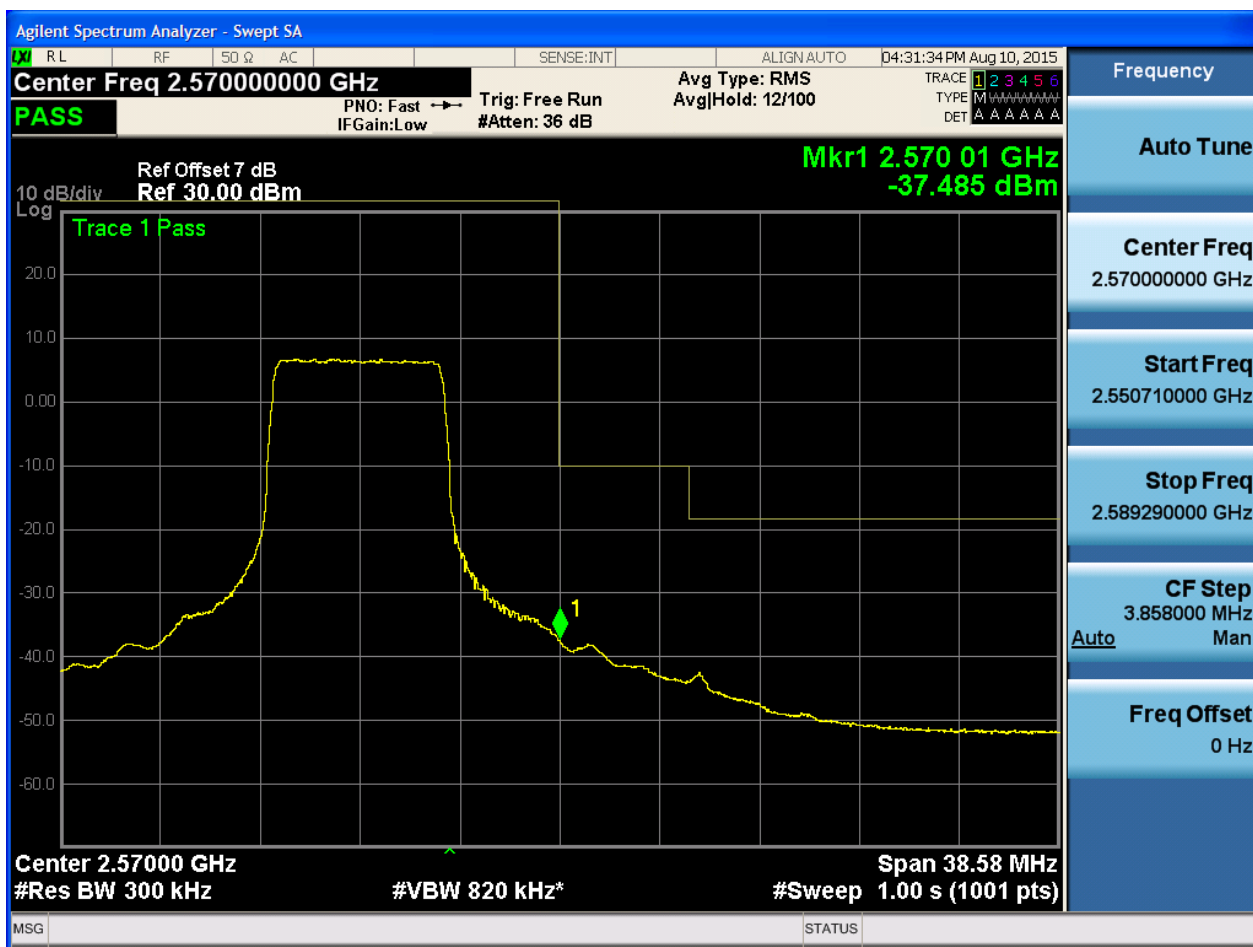


5.1.1.2.3.2.2 Test RB = RB1#74





5.1.1.2.3.2.3 Test RB = RB36#18





5.1.1.2.3.2.4 Test RB = RB75#0

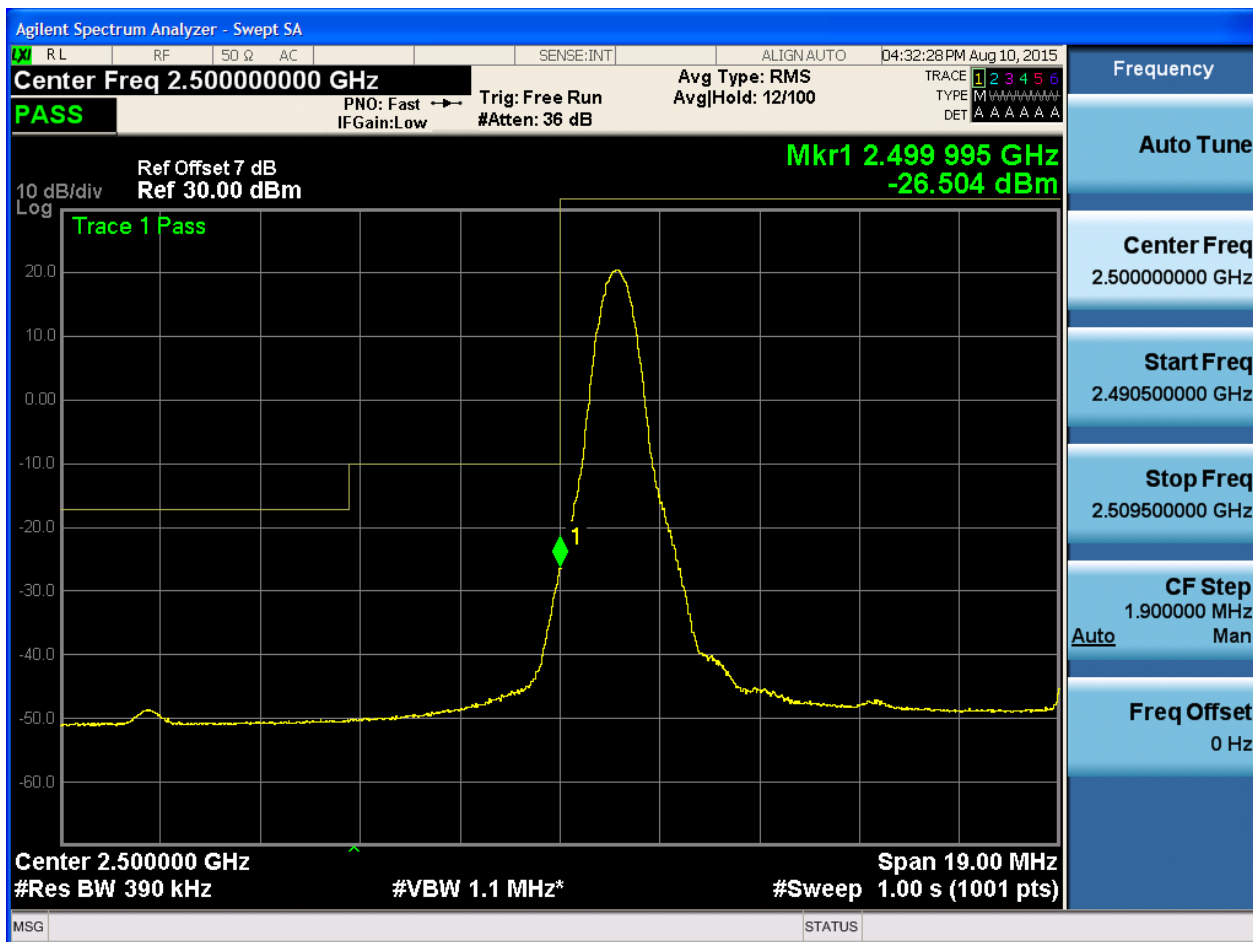




5.1.1.2.4 Test Bandwidth = 20

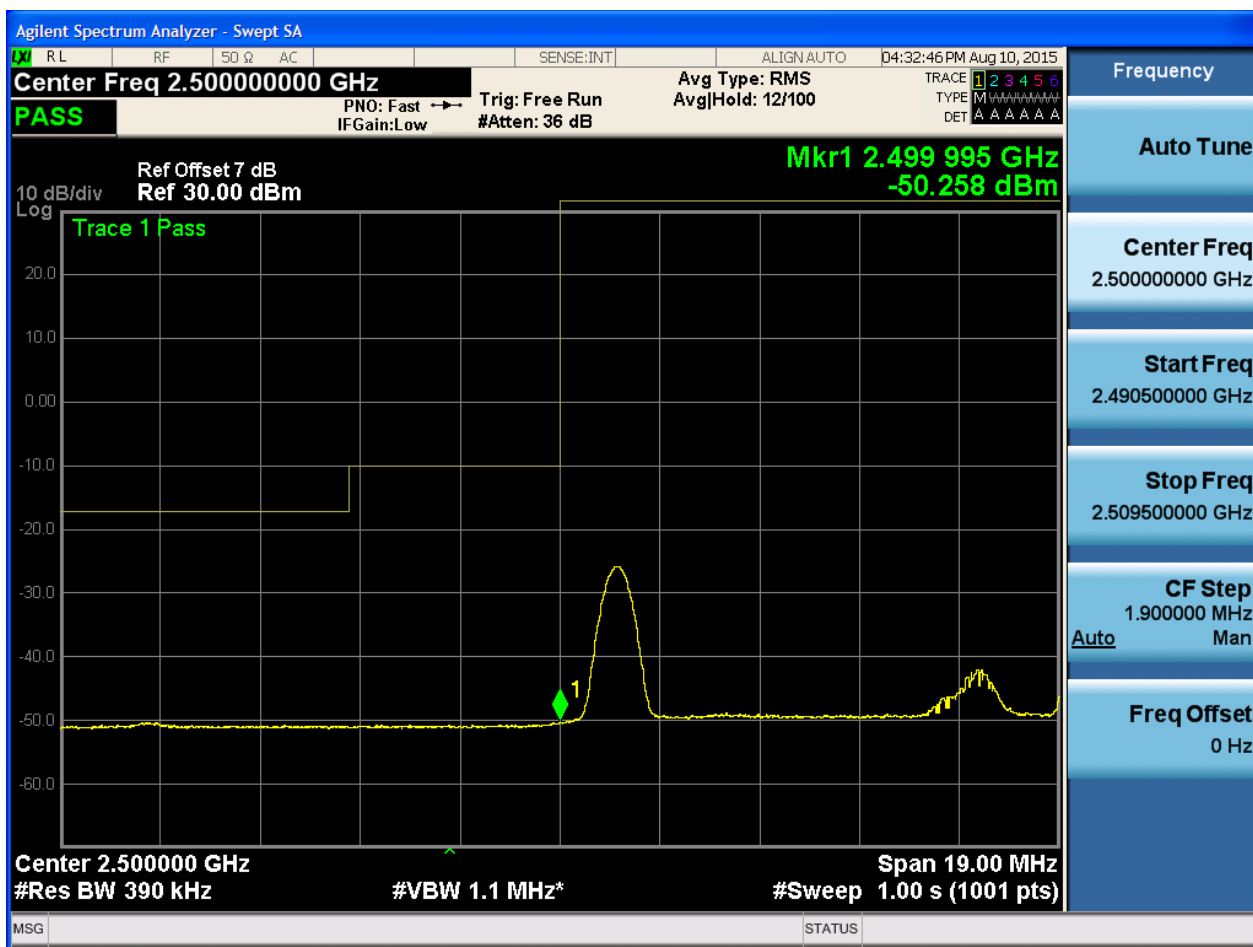
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



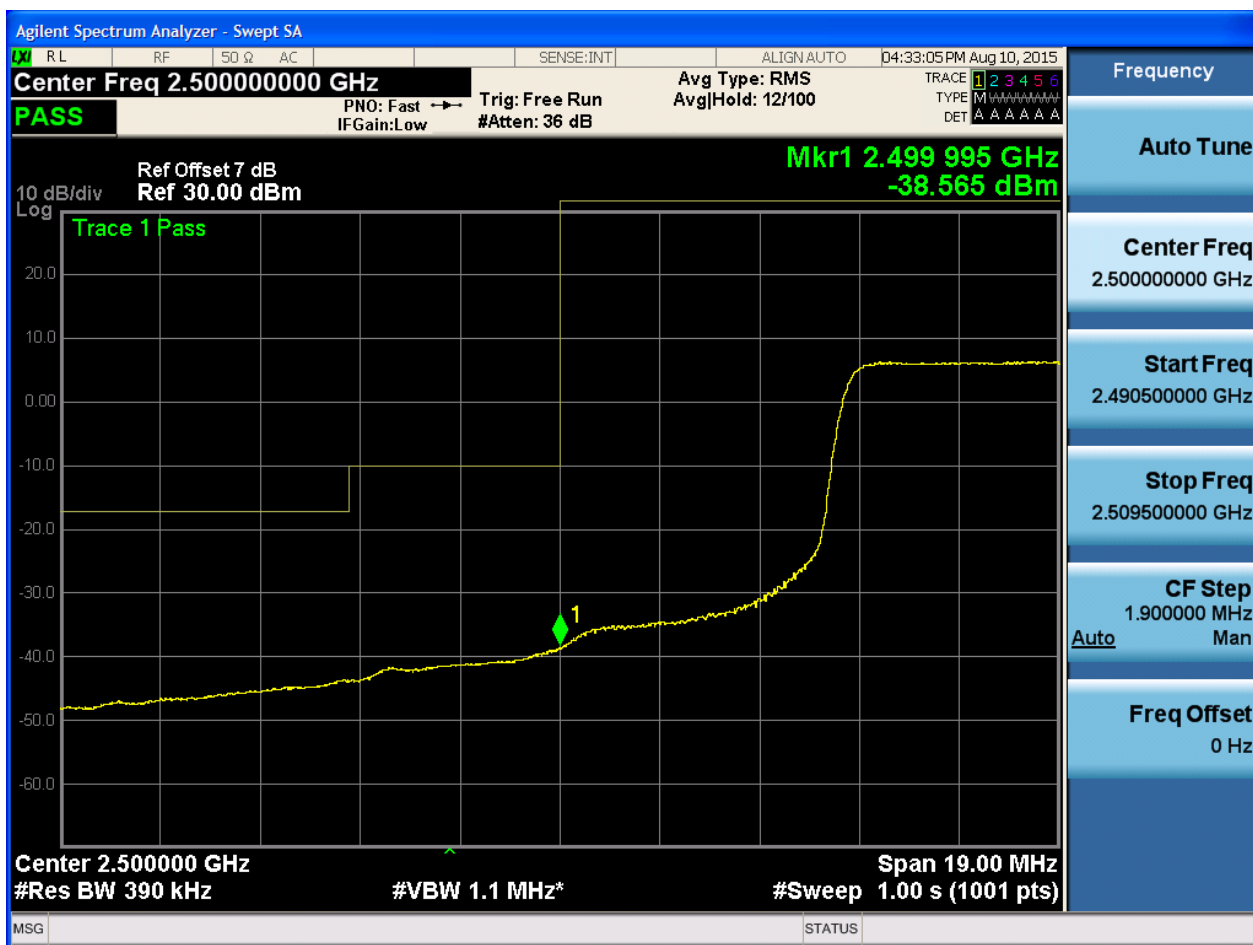


5.1.1.2.4.1.2 Test RB = RB1#99



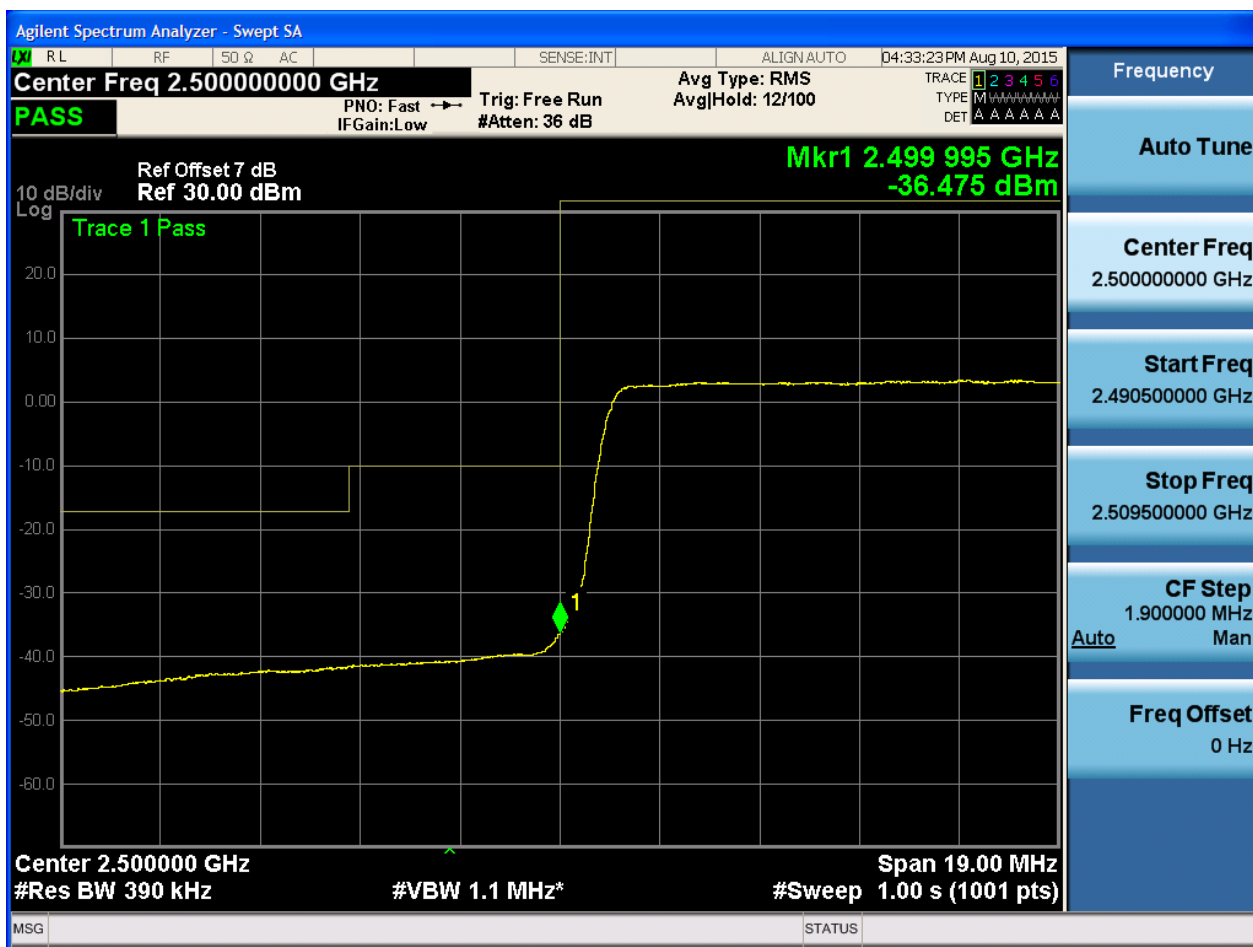


5.1.1.2.4.1.3 Test RB = RB50#25





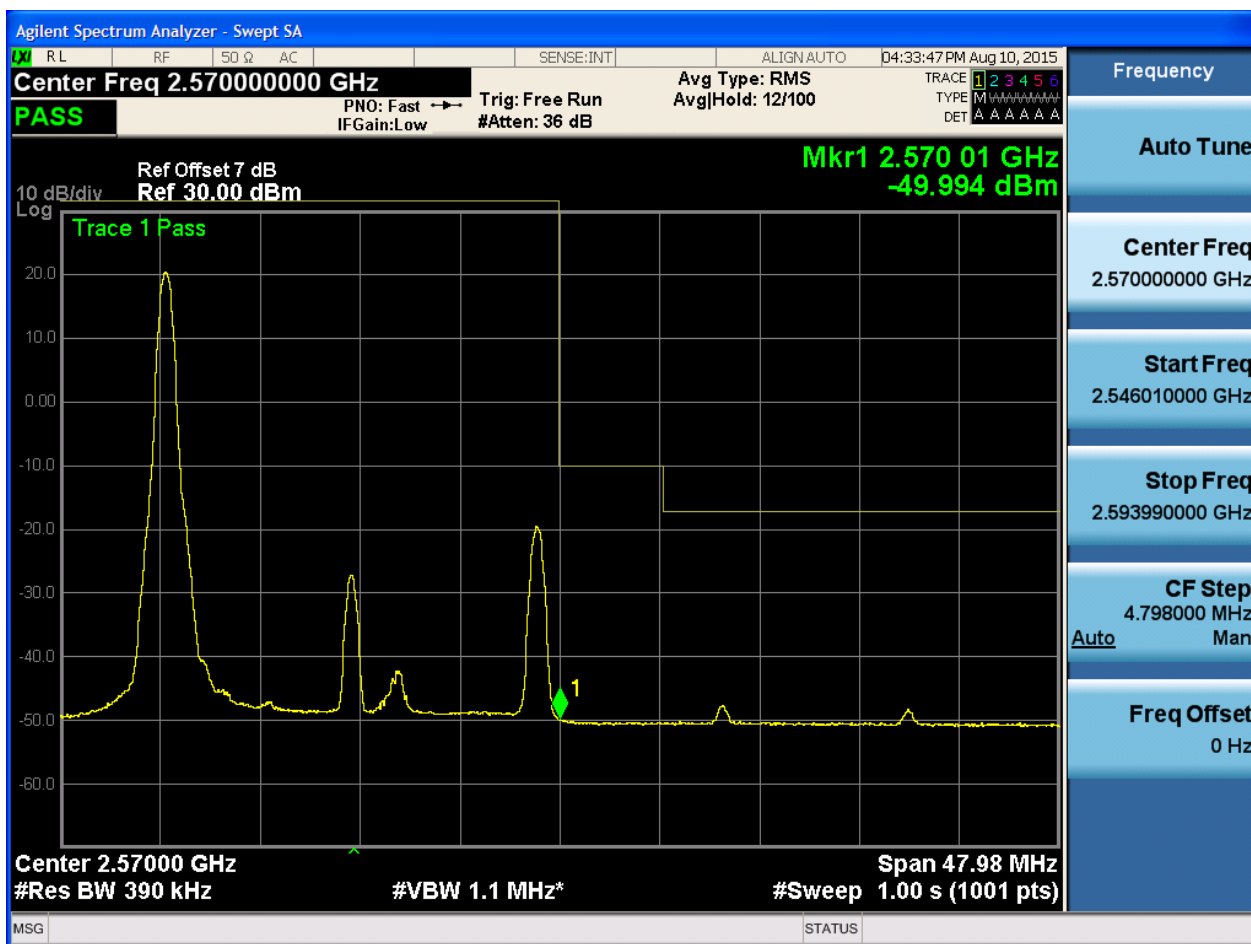
5.1.1.2.4.1.4 Test RB = RB100#0





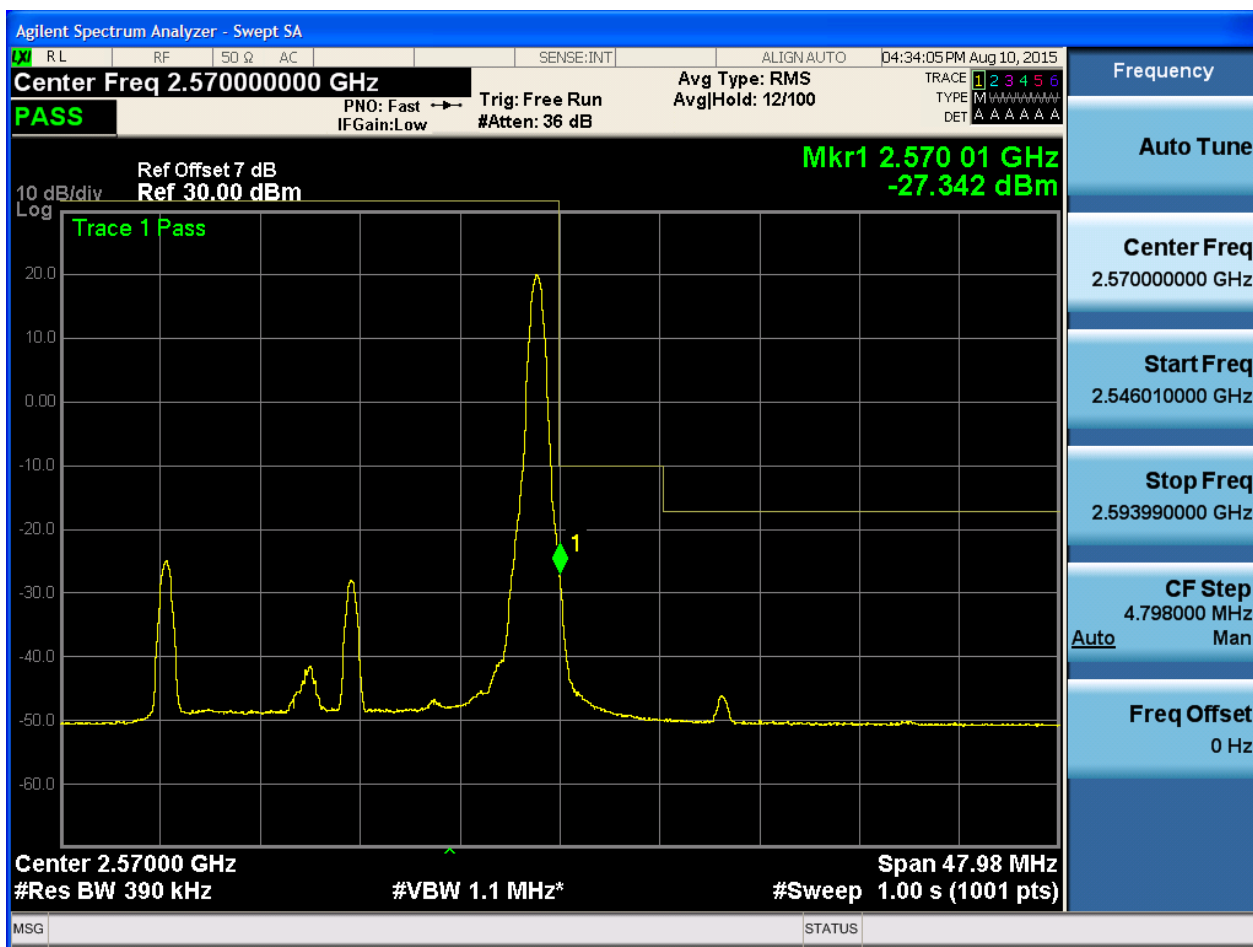
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



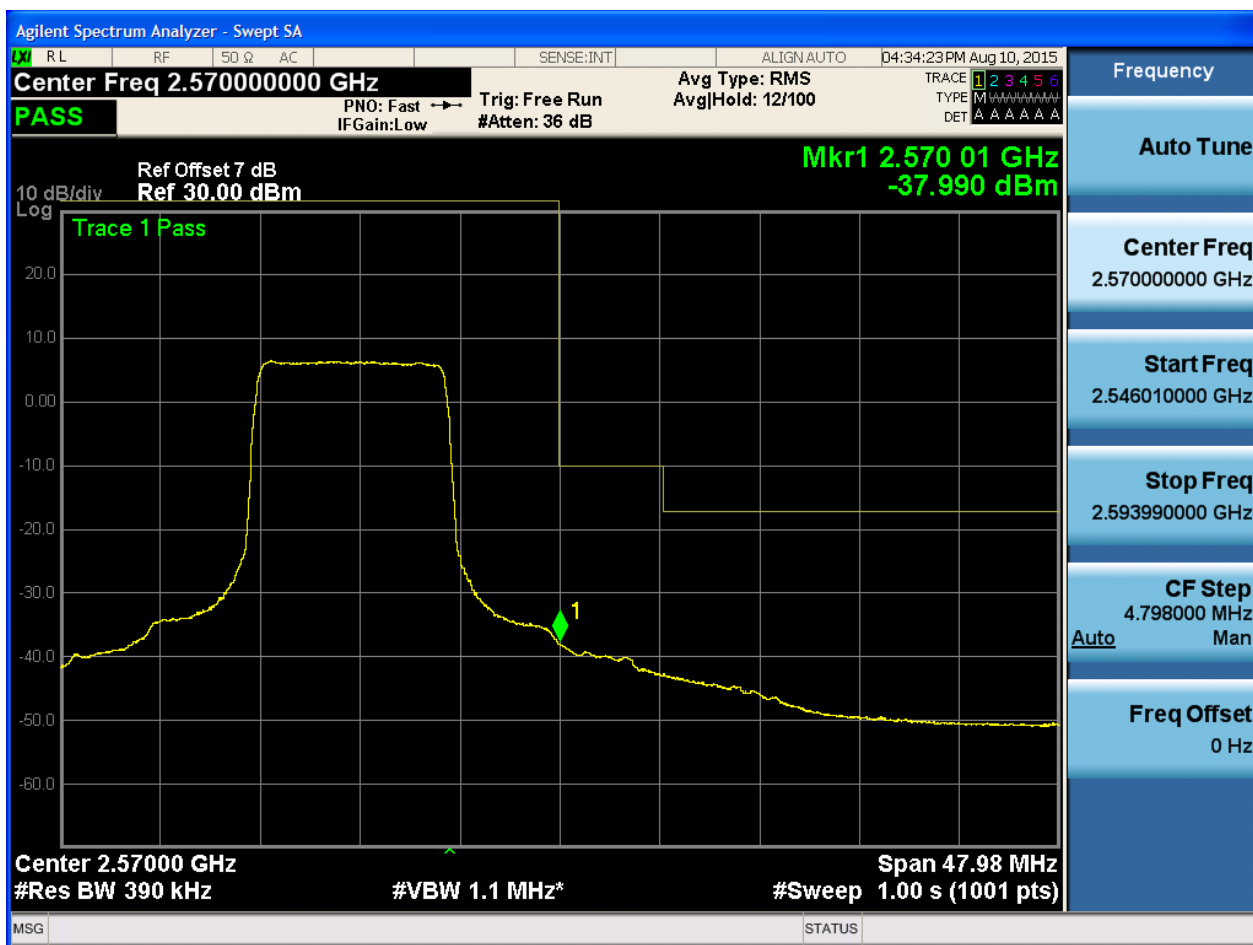


5.1.1.2.4.2.2 Test RB = RB1#99





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

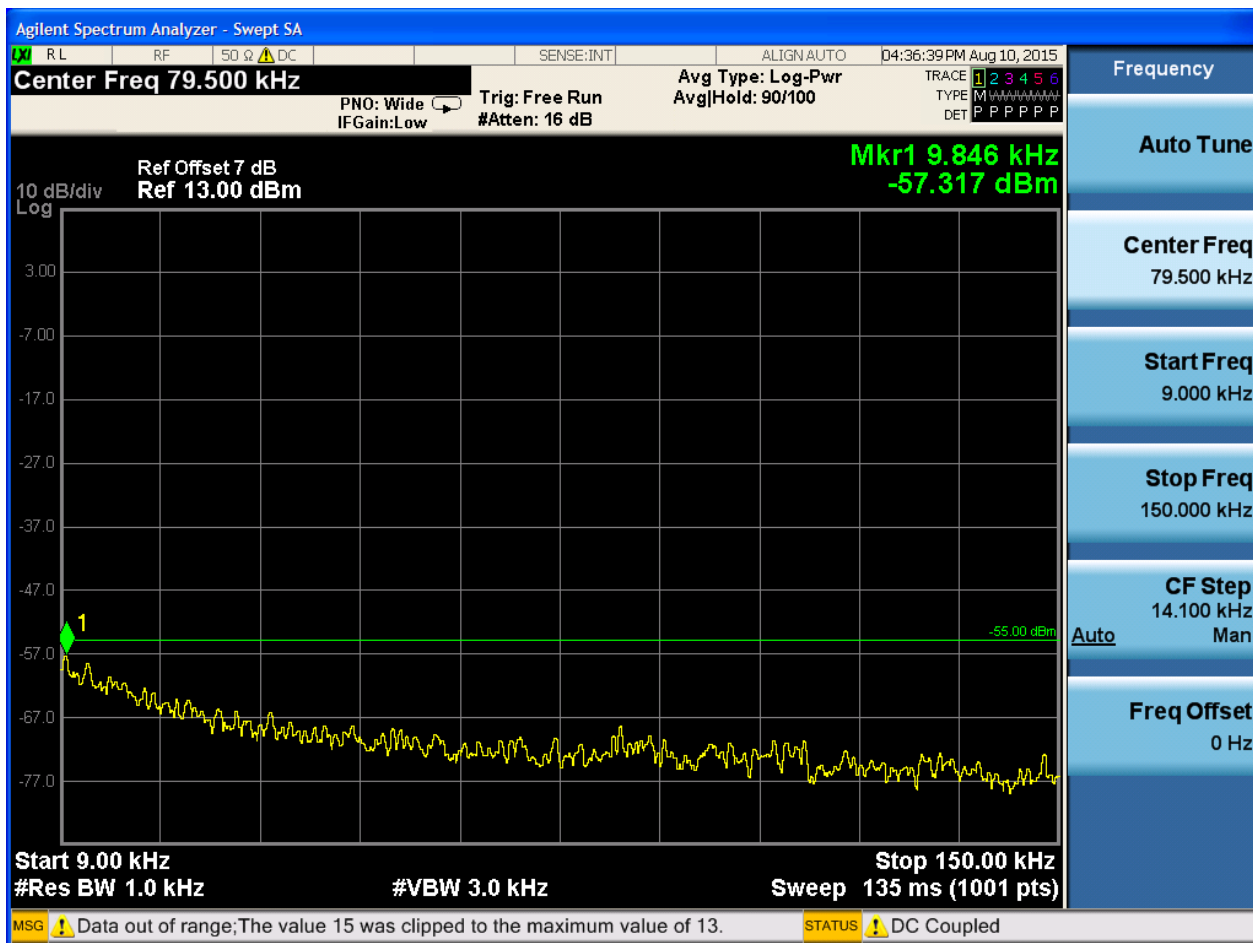
6.1.1 Test Band = BAND7

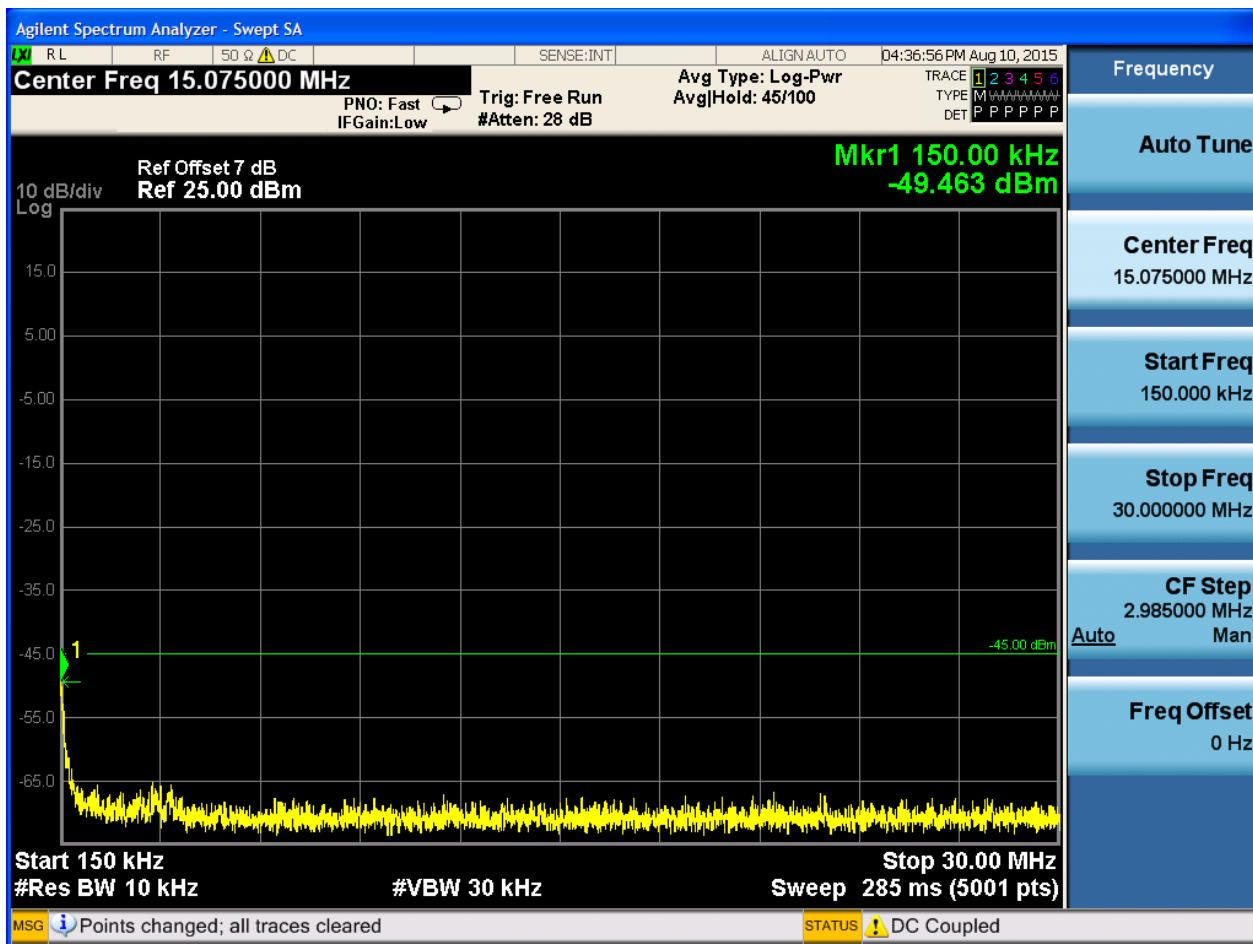
6.1.1.1 Test Mode = LTE/TM1

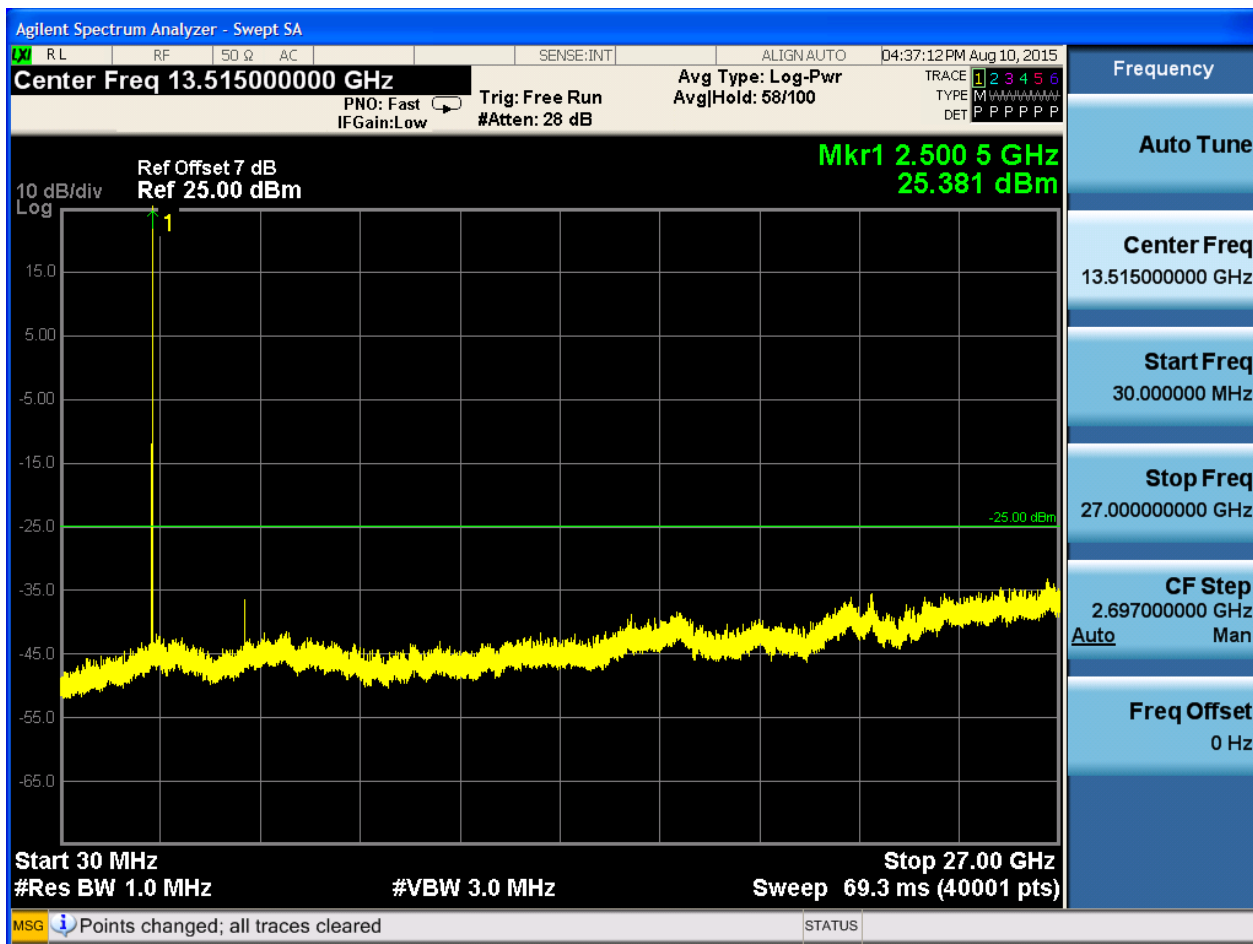
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0



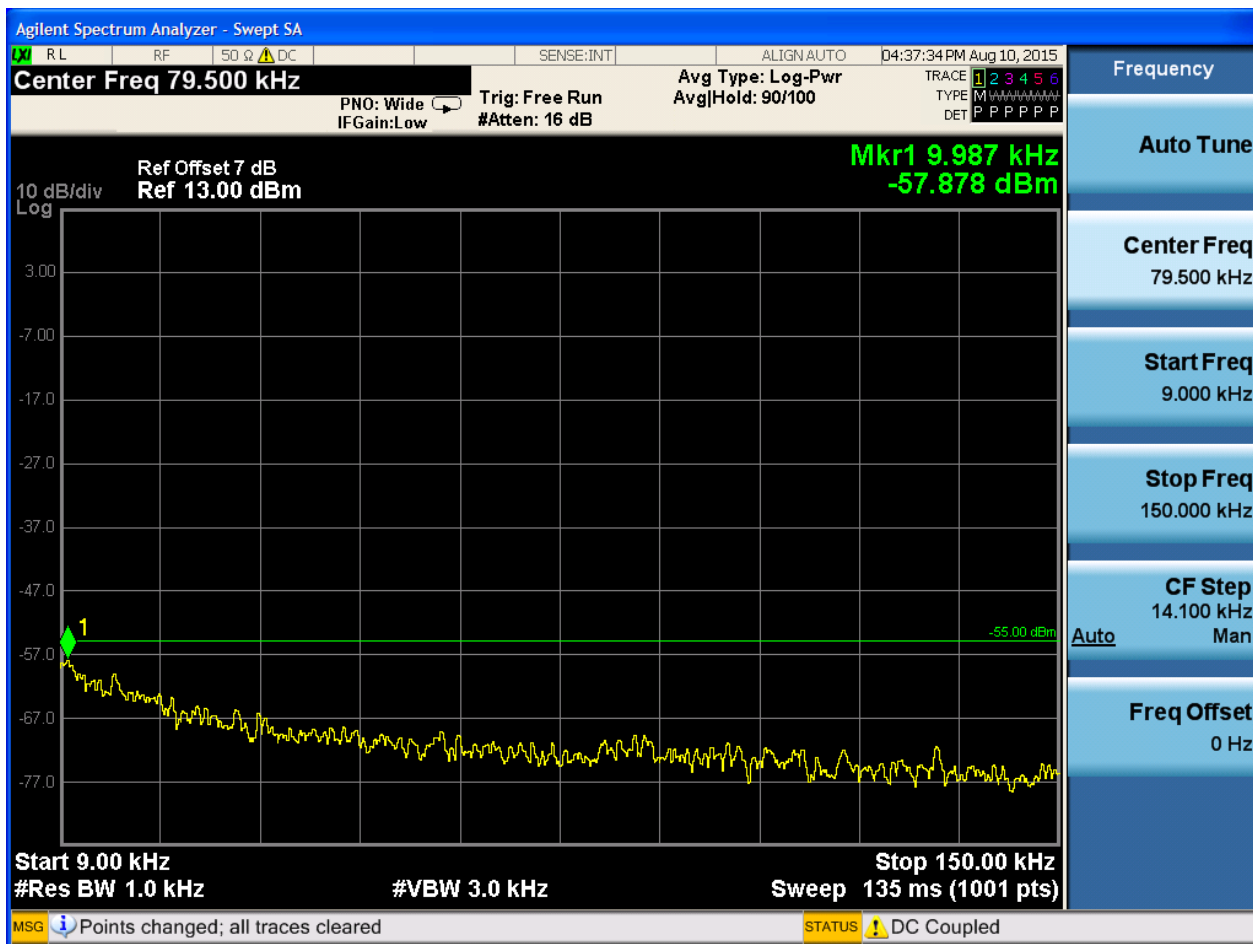




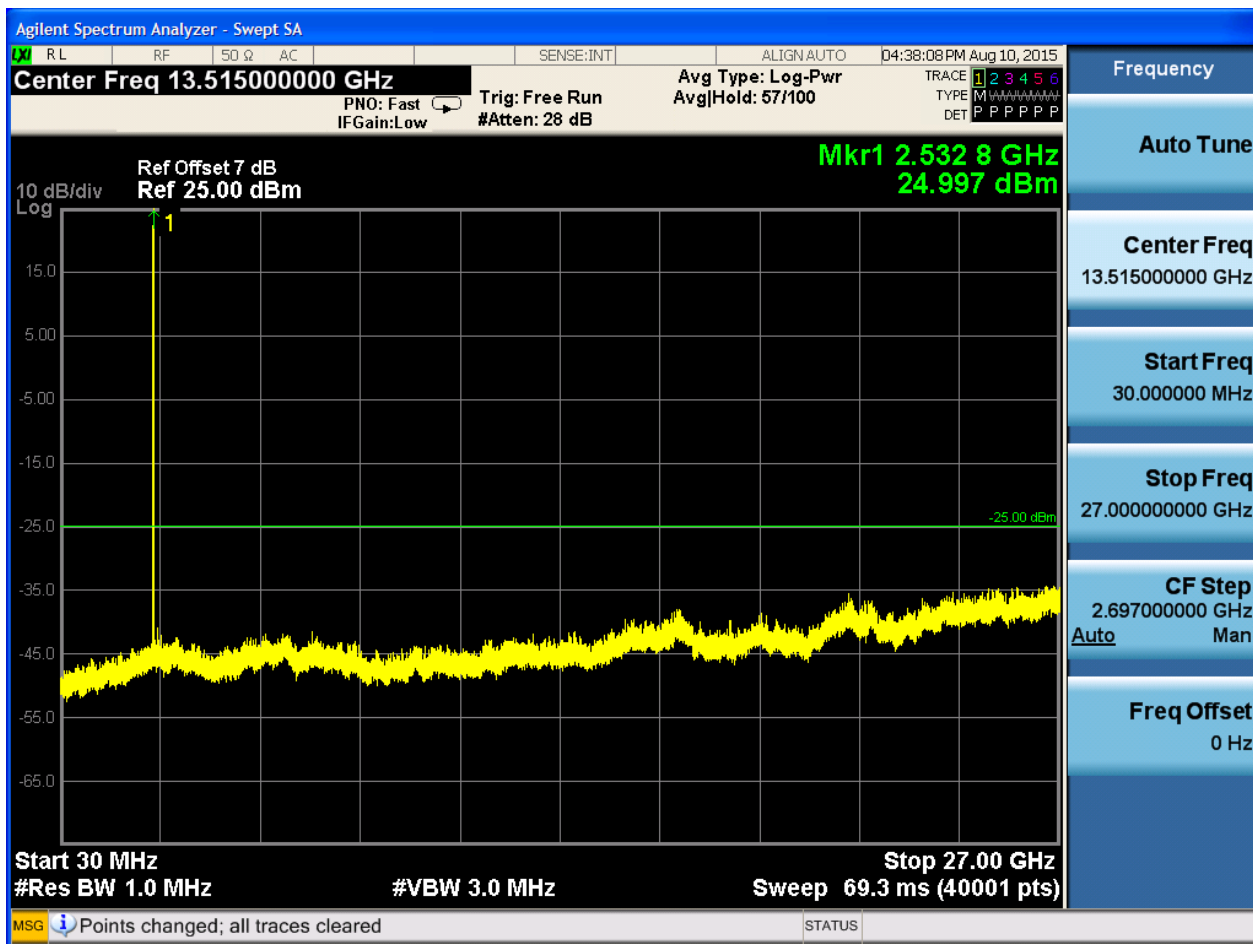


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0



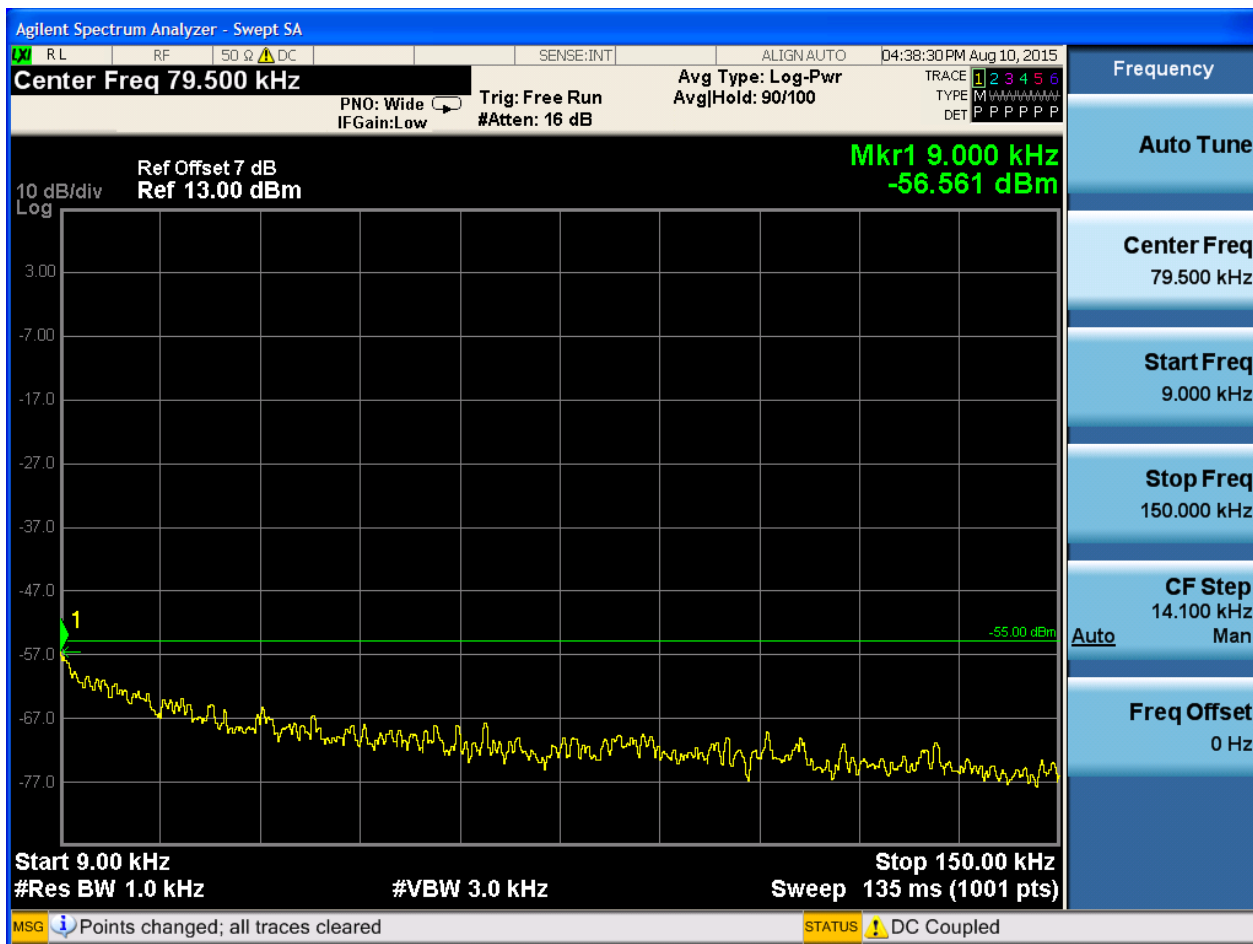




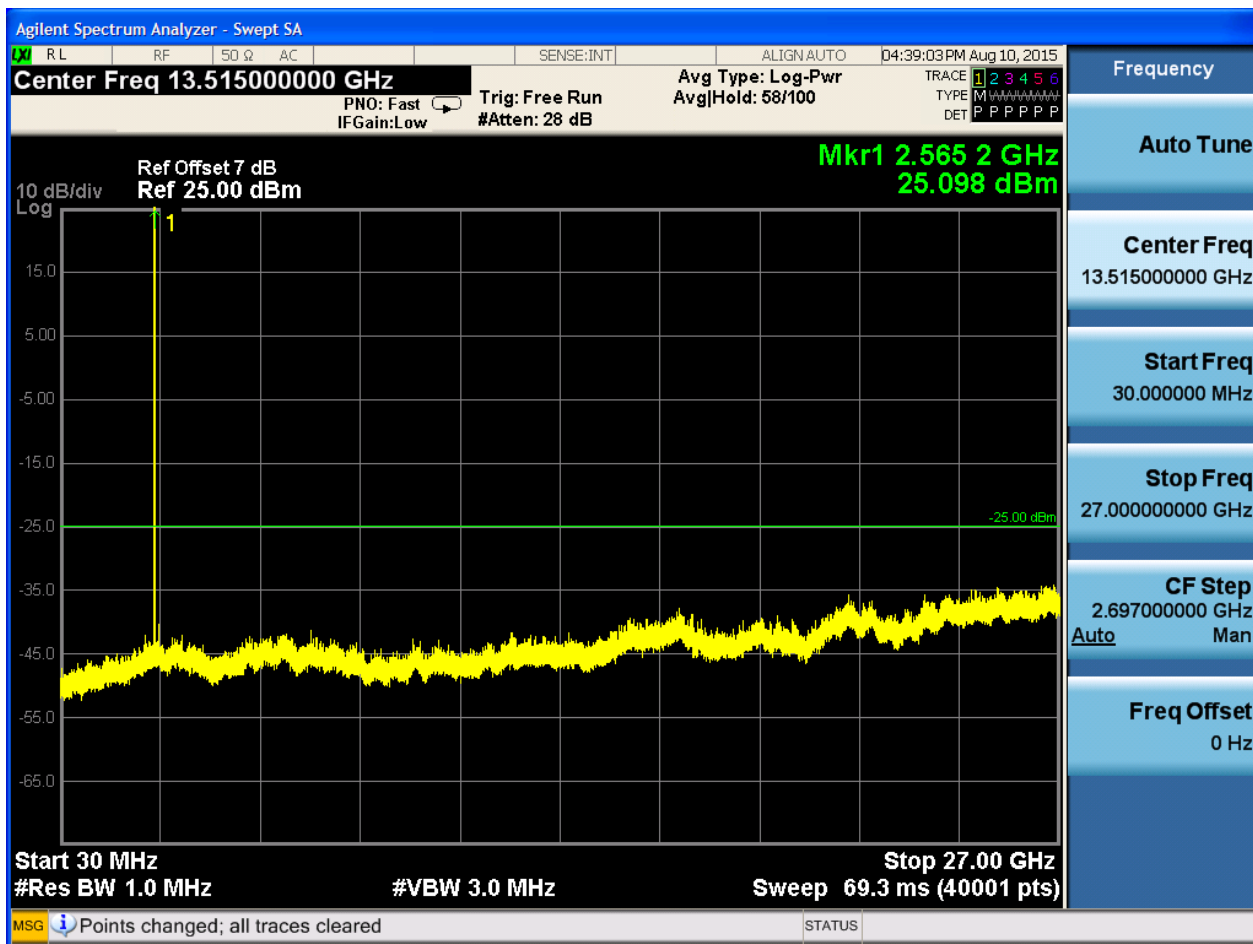


6.1.1.1.1.3 Test Channel = HCH

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

