



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	22.06	24.06	33	PASS
				RB1#13	22.09	24.09	33	PASS
				RB1#24	21.48	23.48	33	PASS
				RB12#0	21.89	23.89	33	PASS
				RB12#6	21.84	23.84	33	PASS
				RB12#13	21.55	23.55	33	PASS
				RB25#0	21.68	23.68	33	PASS
			MCH	RB1#0	22.06	24.06	33	PASS
				RB1#13	22.02	24.02	33	PASS
				RB1#24	21.6	23.6	33	PASS
				RB12#0	21.86	23.86	33	PASS
				RB12#6	21.82	23.82	33	PASS
				RB12#13	21.6	23.6	33	PASS
				RB25#0	21.71	23.71	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.05	24.05	33	PASS
				RB1#13	22.27	24.27	33	PASS
				RB1#24	21.95	23.95	33	PASS
				RB12#0	21.97	23.97	33	PASS
				RB12#6	22.08	24.08	33	PASS
				RB12#13	21.95	23.95	33	PASS
				RB25#0	21.95	23.95	33	PASS
		10	LCH	RB1#0	22.61	24.61	33	PASS
				RB1#25	22.53	24.53	33	PASS
				RB1#49	22.23	24.23	33	PASS
				RB25#0	22.3	24.3	33	PASS
				RB25#13	22.13	24.13	33	PASS
				RB25#25	22.02	24.02	33	PASS
				RB50#0	22.11	24.11	33	PASS
			MCH	RB1#0	22.71	24.71	33	PASS
				RB1#25	22.71	24.71	33	PASS
				RB1#49	22.37	24.37	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.37	24.37	33	PASS
				RB25#13	22.31	24.31	33	PASS
				RB25#25	22.19	24.19	33	PASS
				RB50#0	22.26	24.26	33	PASS
			HCH	RB1#0	22.58	24.58	33	PASS
				RB1#25	22.97	24.97	33	PASS
				RB1#49	22.76	24.76	33	PASS
				RB25#0	22.38	24.38	33	PASS
				RB25#13	22.48	24.48	33	PASS
				RB25#25	22.49	24.49	33	PASS
				RB50#0	22.42	24.42	33	PASS
		15	LCH	RB1#0	21.76	23.76	33	PASS
				RB1#38	21.83	23.83	33	PASS
				RB1#74	21.35	23.35	33	PASS
				RB36#0	21.55	23.55	33	PASS
				RB36#18	21.57	23.57	33	PASS
				RB36#39	21.38	23.38	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.43	23.43	33	PASS
			MCH	RB1#0	21.77	23.77	33	PASS
				RB1#38	21.91	23.91	33	PASS
				RB1#74	21.39	23.39	33	PASS
				RB36#0	21.74	23.74	33	PASS
				RB36#18	21.75	23.75	33	PASS
				RB36#39	21.51	23.51	33	PASS
				RB75#0	21.59	23.59	33	PASS
			HCH	RB1#0	21.4	23.4	33	PASS
				RB1#38	22.02	24.02	33	PASS
				RB1#74	21.78	23.78	33	PASS
				RB36#0	21.51	23.51	33	PASS
				RB36#18	21.66	23.66	33	PASS
				RB36#39	21.68	23.68	33	PASS
				RB75#0	21.57	23.57	33	PASS
		20	LCH	RB1#0	22.68	24.68	33	PASS
				RB1#50	22.56	24.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.5	24.5	33	PASS
				RB50#0	22.24	24.24	33	PASS
				RB50#25	22.17	24.17	33	PASS
				RB50#50	22.08	24.08	33	PASS
				RB100#0	22.16	24.16	33	PASS
			MCH	RB1#0	22.66	24.66	33	PASS
				RB1#50	22.63	24.63	33	PASS
				RB1#99	22.13	24.13	33	PASS
				RB50#0	22.35	24.35	33	PASS
				RB50#25	22.35	24.35	33	PASS
				RB50#50	22.2	24.2	33	PASS
				RB100#0	22.29	24.29	33	PASS
			HCH	RB1#0	22.4	24.4	33	PASS
				RB1#50	22.7	24.7	33	PASS
				RB1#99	22.88	24.88	33	PASS
				RB50#0	22.14	24.14	33	PASS
				RB50#25	22.3	24.3	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.4	24.4	33	PASS
				RB100#0	22.31	24.31	33	PASS
	LTE/TM2	5	LCH	RB1#0	22.17	24.17	33	PASS
				RB1#13	22.25	24.25	33	PASS
				RB1#24	21.65	23.65	33	PASS
				RB12#0	21.57	23.57	33	PASS
				RB12#6	21.53	23.53	33	PASS
				RB12#13	21.27	23.27	33	PASS
				RB25#0	21.34	23.34	33	PASS
			MCH	RB1#0	22.18	24.18	33	PASS
				RB1#13	22.15	24.15	33	PASS
				RB1#24	21.78	23.78	33	PASS
				RB12#0	21.5	23.5	33	PASS
				RB12#6	21.46	23.46	33	PASS
				RB12#13	21.21	23.21	33	PASS
				RB25#0	21.29	23.29	33	PASS
			HCH	RB1#0	22.25	24.25	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.46	24.46	33	PASS
				RB1#24	22.11	24.11	33	PASS
				RB12#0	21.62	23.62	33	PASS
				RB12#6	21.68	23.68	33	PASS
				RB12#13	21.55	23.55	33	PASS
				RB25#0	21.53	23.53	33	PASS
		10	LCH	RB1#0	22.56	24.56	33	PASS
				RB1#25	22.49	24.49	33	PASS
				RB1#49	22.33	24.33	33	PASS
				RB25#0	21.77	23.77	33	PASS
				RB25#13	21.62	23.62	33	PASS
				RB25#25	21.49	23.49	33	PASS
				RB50#0	21.56	23.56	33	PASS
			MCH	RB1#0	22.71	24.71	33	PASS
				RB1#25	22.52	24.52	33	PASS
				RB1#49	22.41	24.41	33	PASS
				RB25#0	21.84	23.84	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.68	23.68	33	PASS
				RB25#25	21.56	23.56	33	PASS
				RB50#0	21.63	23.63	33	PASS
			HCH	RB1#0	22.51	24.51	33	PASS
				RB1#25	22.84	24.84	33	PASS
				RB1#49	22.66	24.66	33	PASS
				RB25#0	21.71	23.71	33	PASS
				RB25#13	21.84	23.84	33	PASS
				RB25#25	21.79	23.79	33	PASS
				RB50#0	21.75	23.75	33	PASS
		15	LCH	RB1#0	21.33	23.33	33	PASS
				RB1#38	21.44	23.44	33	PASS
				RB1#74	21.09	23.09	33	PASS
				RB36#0	20.87	22.87	33	PASS
				RB36#18	20.92	22.92	33	PASS
				RB36#39	20.8	22.8	33	PASS
				RB75#0	20.8	22.8	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.79	23.79	33	PASS
				RB1#38	21.9	23.9	33	PASS
				RB1#74	21.43	23.43	33	PASS
				RB36#0	21.05	23.05	33	PASS
				RB36#18	21.08	23.08	33	PASS
				RB36#39	20.84	22.84	33	PASS
				RB75#0	20.88	22.88	33	PASS
			HCH	RB1#0	21.4	23.4	33	PASS
				RB1#38	22.03	24.03	33	PASS
				RB1#74	21.82	23.82	33	PASS
				RB36#0	20.82	22.82	33	PASS
				RB36#18	21.06	23.06	33	PASS
				RB36#39	21.02	23.02	33	PASS
				RB75#0	20.93	22.93	33	PASS
		20	LCH	RB1#0	22.44	24.44	33	PASS
				RB1#50	22.43	24.43	33	PASS
				RB1#99	22.4	24.4	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.53	23.53	33	PASS
				RB50#25	21.48	23.48	33	PASS
				RB50#50	21.39	23.39	33	PASS
				RB100#0	21.44	23.44	33	PASS
			MCH	RB1#0	22.44	24.44	33	PASS
				RB1#50	22.42	24.42	33	PASS
				RB1#99	21.88	23.88	33	PASS
				RB50#0	21.6	23.6	33	PASS
				RB50#25	21.58	23.58	33	PASS
				RB50#50	21.43	23.43	33	PASS
				RB100#0	21.54	23.54	33	PASS
			HCH	RB1#0	22.2	24.2	33	PASS
				RB1#50	22.49	24.49	33	PASS
				RB1#99	22.55	24.55	33	PASS
				RB50#0	21.37	23.37	33	PASS
				RB50#25	21.54	23.54	33	PASS
				RB50#50	21.58	23.58	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.49	23.49	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
BAND7	LTE/TM1	5	LCH	RB1#0	4.04	13	PASS
				RB1#13	3.89	13	PASS
				RB1#24	4.45	13	PASS
				RB12#0	4.6	13	PASS
				RB12#6	4.53	13	PASS
				RB12#13	4.92	13	PASS
				RB25#0	5.33	13	PASS
			MCH	RB1#0	4.19	13	PASS
				RB1#13	4.17	13	PASS
				RB1#24	4.53	13	PASS
				RB12#0	4.92	13	PASS
				RB12#6	4.86	13	PASS
				RB12#13	5.13	13	PASS
				RB25#0	5.52	13	PASS
			HCH	RB1#0	4.52	13	PASS
				RB1#13	4	13	PASS
				RB1#24	4.23	13	PASS
				RB12#0	4.8	13	PASS
				RB12#6	4.58	13	PASS
				RB12#13	4.77	13	PASS
				RB25#0	5.37	13	PASS
		10	LCH	RB1#0	3.67	13	PASS
				RB1#25	3.5	13	PASS
				RB1#49	4.04	13	PASS
				RB25#0	4.42	13	PASS
				RB25#13	4.5	13	PASS
				RB25#25	4.78	13	PASS
				RB50#0	5.3	13	PASS
			MCH	RB1#0	3.82	13	PASS
				RB1#25	3.73	13	PASS
				RB1#49	4.17	13	PASS
				RB25#0	4.64	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	4.67	13	PASS
				RB25#25	4.91	13	PASS
				RB50#0	5.43	13	PASS
			HCH	RB1#0	4.22	13	PASS
				RB1#25	3.8	13	PASS
				RB1#49	3.74	13	PASS
				RB25#0	4.81	13	PASS
				RB25#13	4.56	13	PASS
				RB25#25	4.6	13	PASS
				RB50#0	5.39	13	PASS
		15	LCH	RB1#0	4.3	13	PASS
				RB1#38	4.23	13	PASS
				RB1#74	4.73	13	PASS
				RB36#0	5.34	13	PASS
				RB36#18	5.29	13	PASS
				RB36#39	5.57	13	PASS
				RB75#0	6.03	13	PASS
			MCH	RB1#0	4.75	13	PASS
				RB1#38	4.49	13	PASS
				RB1#74	5	13	PASS
				RB36#0	5.47	13	PASS
				RB36#18	5.38	13	PASS
				RB36#39	5.61	13	PASS
				RB75#0	6.07	13	PASS
			HCH	RB1#0	5.04	13	PASS
				RB1#38	4.57	13	PASS
				RB1#74	4.62	13	PASS
				RB36#0	5.61	13	PASS
				RB36#18	5.46	13	PASS
				RB36#39	5.47	13	PASS
				RB75#0	6.12	13	PASS
		20	LCH	RB1#0	3.81	13	PASS
				RB1#50	3.95	13	PASS
				RB1#99	4.31	13	PASS
				RB50#0	4.89	13	PASS
				RB50#25	4.82	13	PASS
				RB50#50	5.14	13	PASS
				RB100#0	5.68	13	PASS
			MCH	RB1#0	4.08	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	3.95	13	PASS
				RB1#99	4.58	13	PASS
				RB50#0	5	13	PASS
				RB50#25	4.9	13	PASS
				RB50#50	5.18	13	PASS
				RB100#0	5.59	13	PASS
			HCH	RB1#0	4.64	13	PASS
				RB1#50	4.15	13	PASS
				RB1#99	3.97	13	PASS
				RB50#0	5.33	13	PASS
				RB50#25	5.07	13	PASS
				RB50#50	5.1	13	PASS
				RB100#0	5.79	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.52	13	PASS
				RB1#13	4.34	13	PASS
				RB1#24	4.85	13	PASS
				RB12#0	5.36	13	PASS
				RB12#6	5.29	13	PASS
				RB12#13	5.54	13	PASS
				RB25#0	6.09	13	PASS
			MCH	RB1#0	4.6	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	4.97	13	PASS
				RB12#0	5.58	13	PASS
				RB12#6	5.57	13	PASS
				RB12#13	5.76	13	PASS
				RB25#0	6.44	13	PASS
			HCH	RB1#0	4.51	13	PASS
				RB1#13	4.12	13	PASS
				RB1#24	4.32	13	PASS
				RB12#0	5.38	13	PASS
				RB12#6	5.24	13	PASS
				RB12#13	5.35	13	PASS
				RB25#0	6.09	13	PASS
		10	LCH	RB1#0	3.9	13	PASS
				RB1#25	4.09	13	PASS
				RB1#49	4.39	13	PASS
				RB25#0	5.34	13	PASS
				RB25#13	5.35	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.64	13	PASS
				RB50#0	6.08	13	PASS
			MCH	RB1#0	4.35	13	PASS
				RB1#25	4.48	13	PASS
				RB1#49	4.73	13	PASS
				RB25#0	5.54	13	PASS
				RB25#13	5.54	13	PASS
				RB25#25	5.72	13	PASS
				RB50#0	6.16	13	PASS
			HCH	RB1#0	4.63	13	PASS
				RB1#25	4.08	13	PASS
				RB1#49	4.06	13	PASS
				RB25#0	5.69	13	PASS
				RB25#13	5.38	13	PASS
				RB25#25	5.45	13	PASS
				RB50#0	6.17	13	PASS
		15	LCH	RB1#0	4.99	13	PASS
				RB1#38	4.74	13	PASS
				RB1#74	5.5	13	PASS
				RB36#0	6.13	13	PASS
				RB36#18	6.04	13	PASS
				RB36#39	6.24	13	PASS
				RB75#0	6.7	13	PASS
			MCH	RB1#0	5.36	13	PASS
				RB1#38	4.89	13	PASS
				RB1#74	5.61	13	PASS
				RB36#0	6.18	13	PASS
				RB36#18	6.18	13	PASS
				RB36#39	6.44	13	PASS
				RB75#0	6.83	13	PASS
			HCH	RB1#0	5.46	13	PASS
				RB1#38	4.85	13	PASS
				RB1#74	4.83	13	PASS
				RB36#0	6.5	13	PASS
				RB36#18	6.26	13	PASS
				RB36#39	6.3	13	PASS
				RB75#0	6.82	13	PASS
		20	LCH	RB1#0	4.42	13	PASS
				RB1#50	4.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.73	13	PASS
				RB50#0	5.65	13	PASS
				RB50#25	5.68	13	PASS
				RB50#50	5.99	13	PASS
				RB100#0	6.43	13	PASS
			MCH	RB1#0	4.52	13	PASS
				RB1#50	4.28	13	PASS
				RB1#99	4.95	13	PASS
				RB50#0	5.76	13	PASS
				RB50#25	5.67	13	PASS
				RB50#50	5.91	13	PASS
				RB100#0	6.36	13	PASS
			HCH	RB1#0	4.91	13	PASS
				RB1#50	4.59	13	PASS
				RB1#99	4.33	13	PASS
				RB50#0	6.1	13	PASS
				RB50#25	5.9	13	PASS
				RB50#50	5.92	13	PASS
				RB100#0	6.58	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

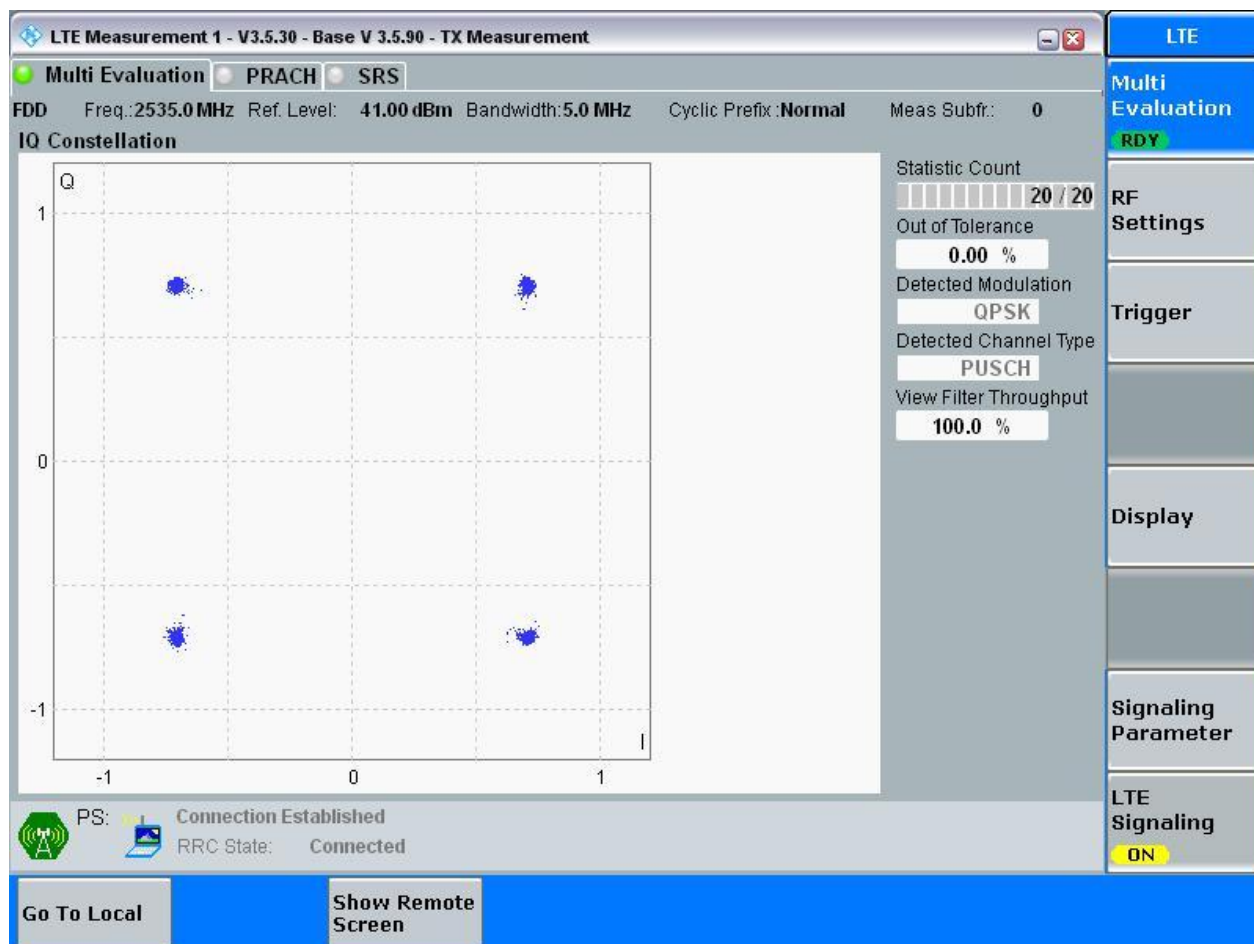
3.1.1 Test Band = BAND7

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

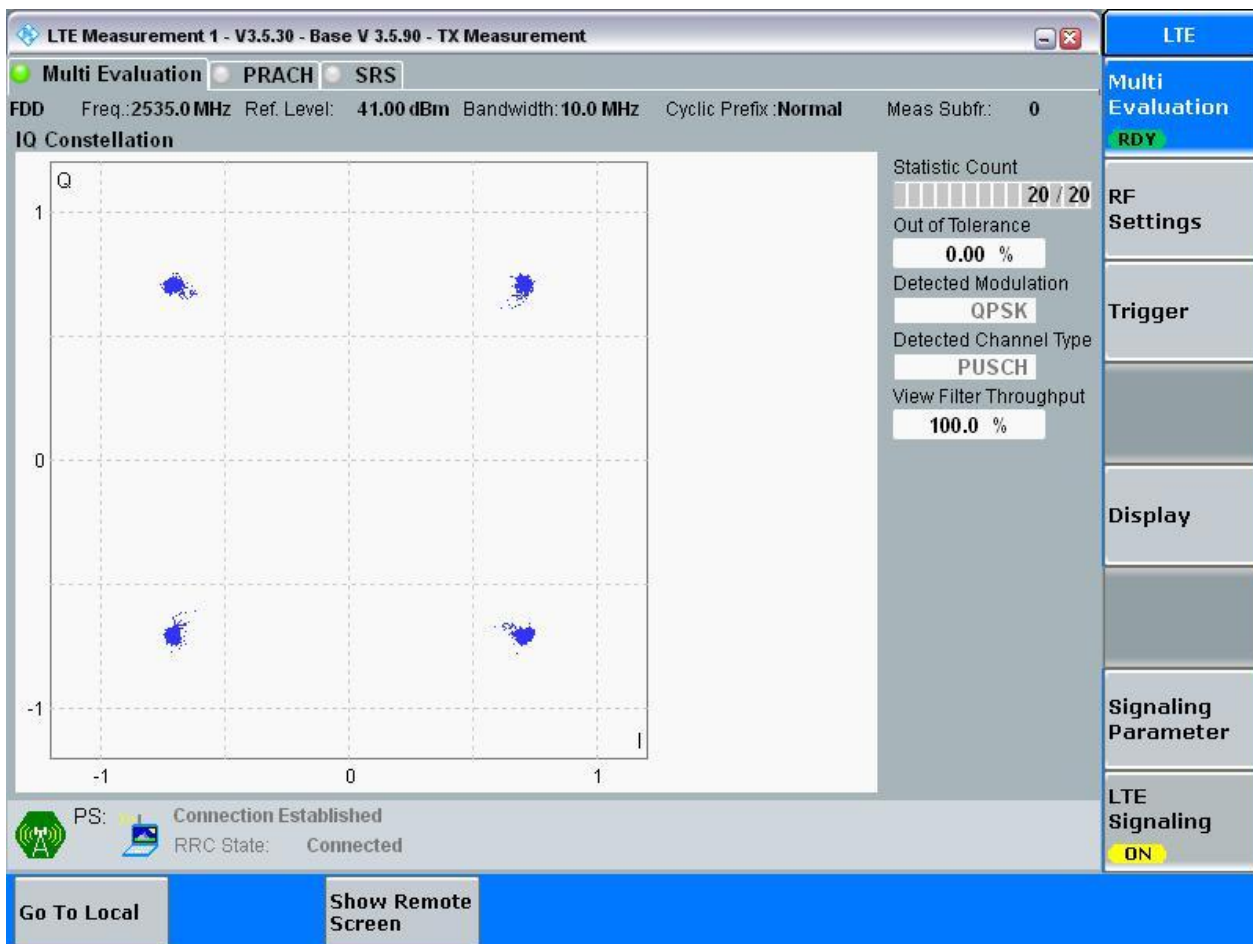
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

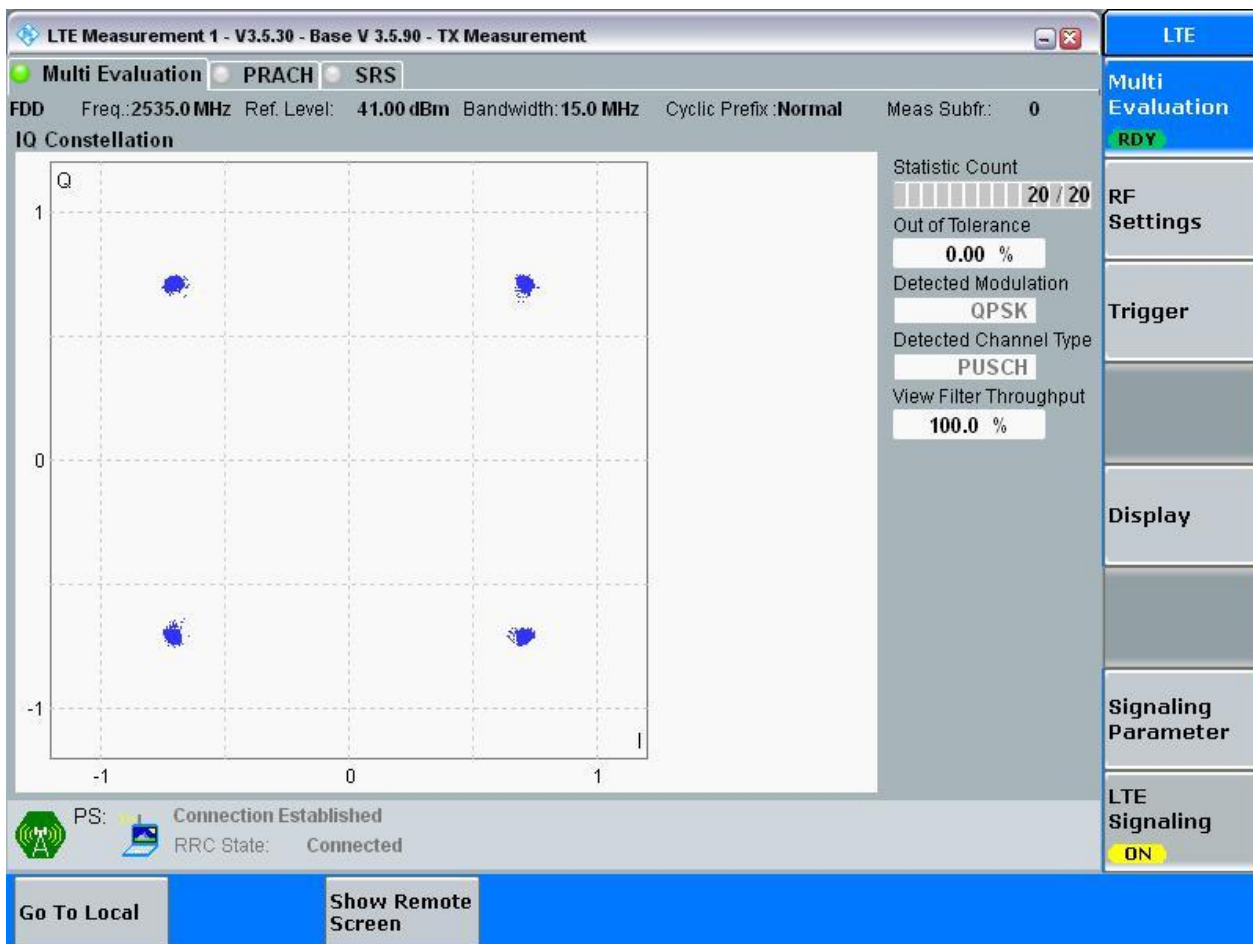
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

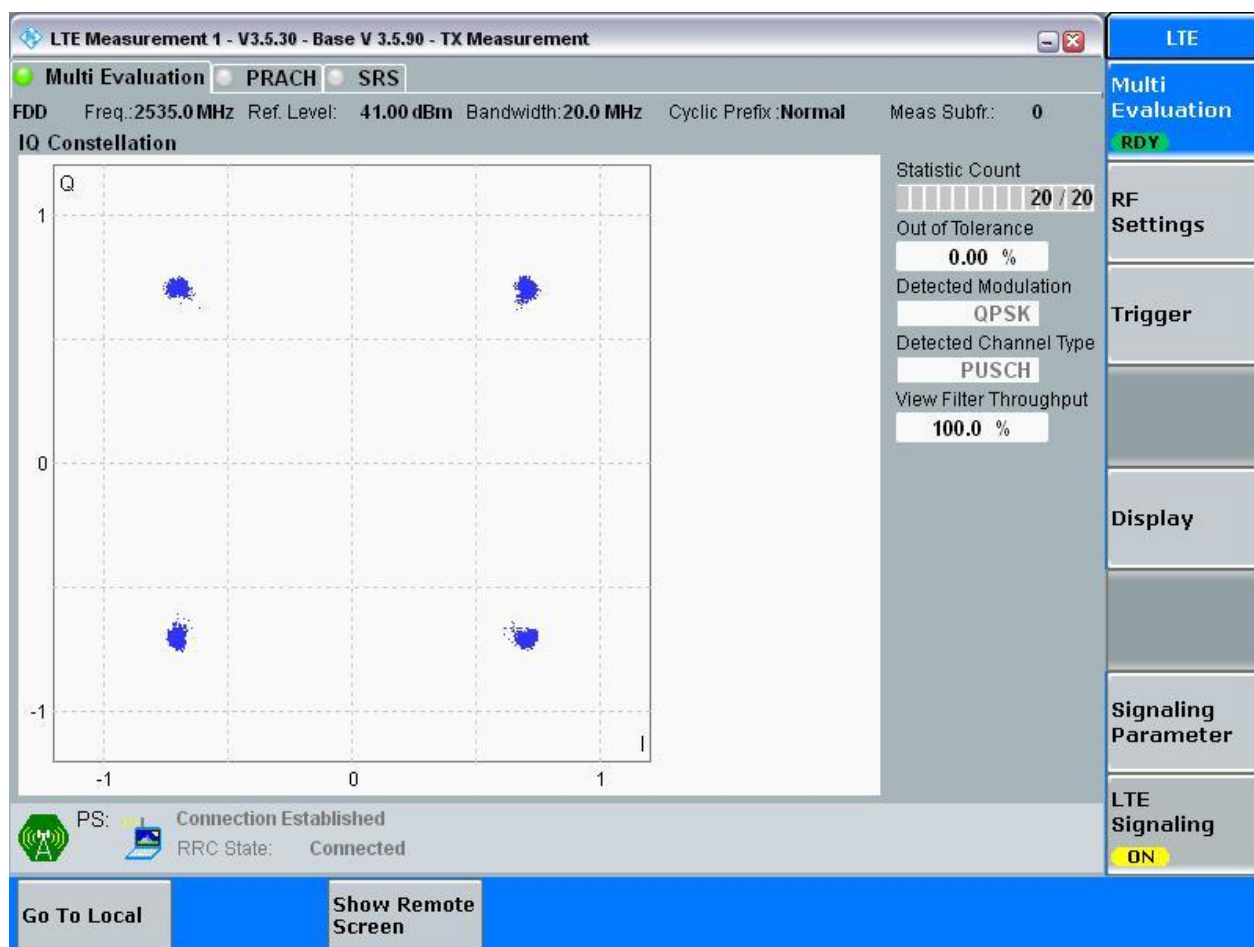
3.1.1.1.3.1.1 Test RB = RB75#0



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

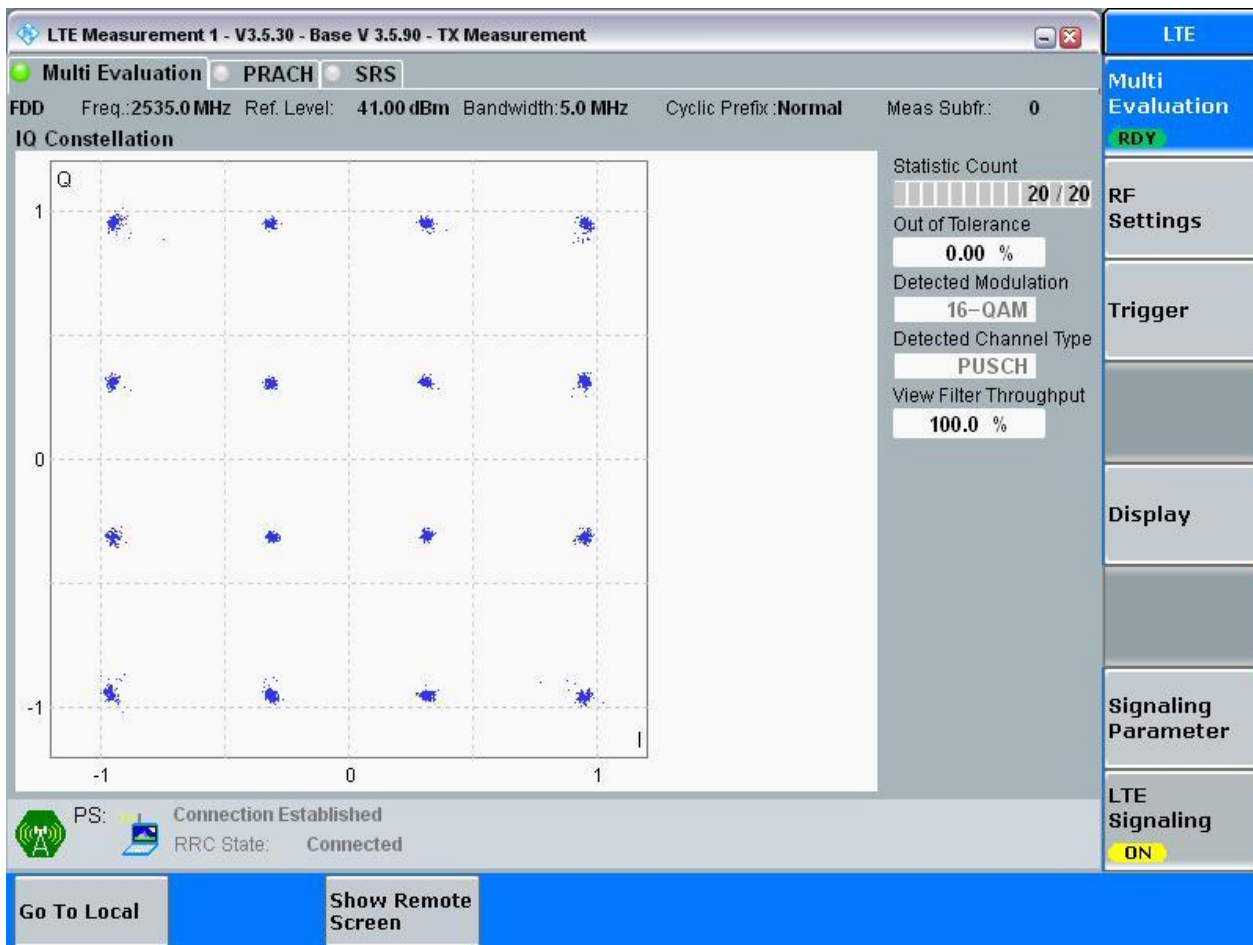


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

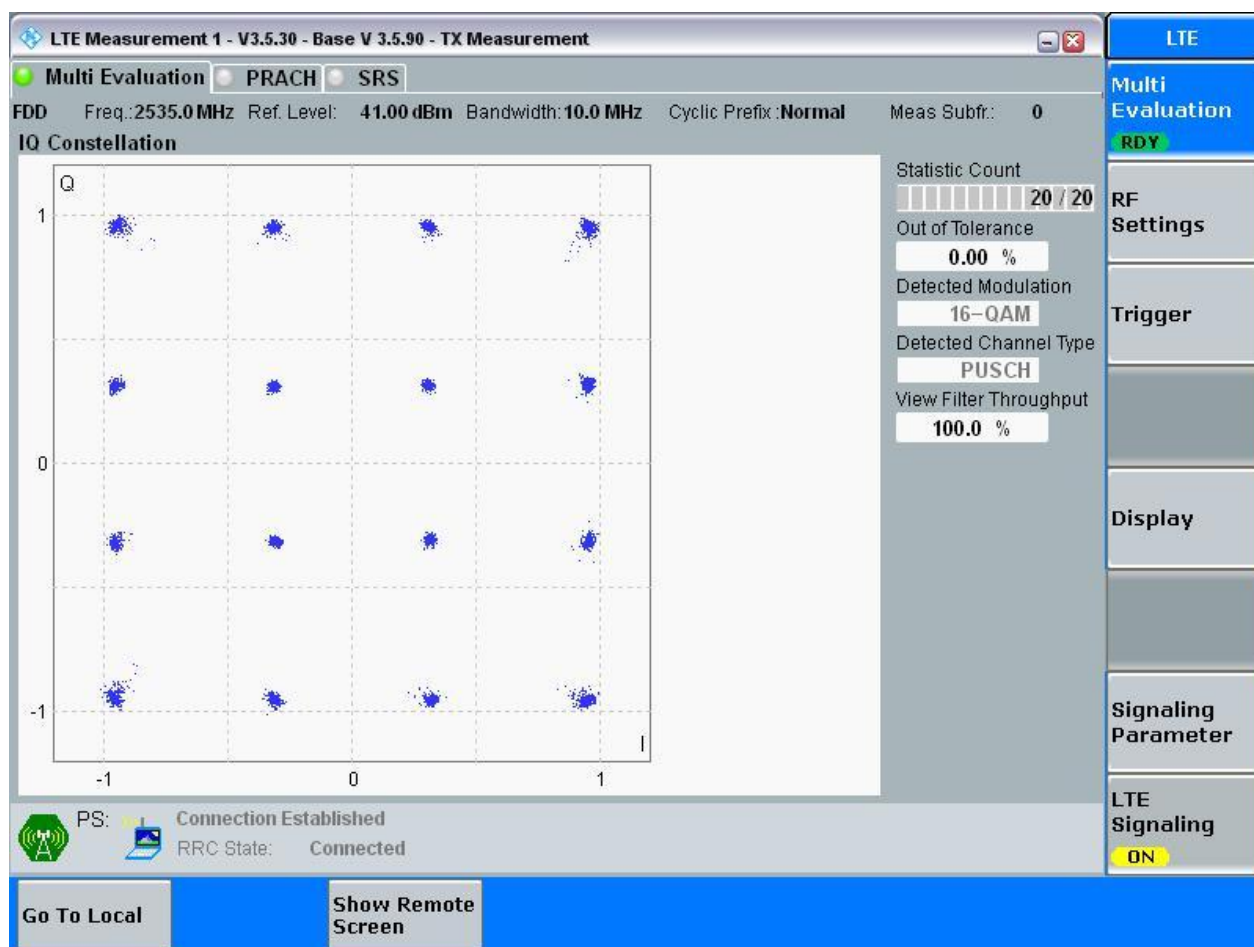
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

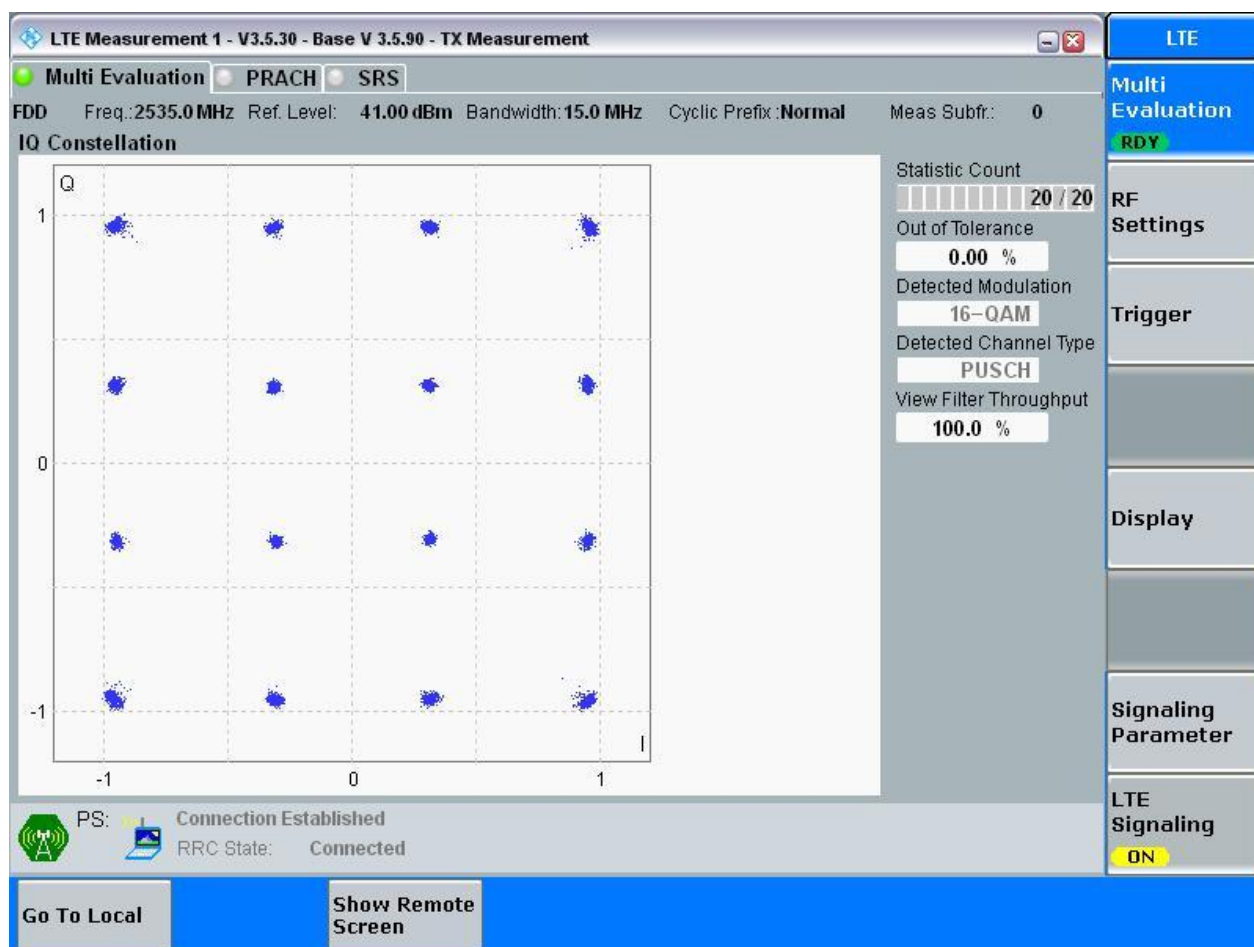
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

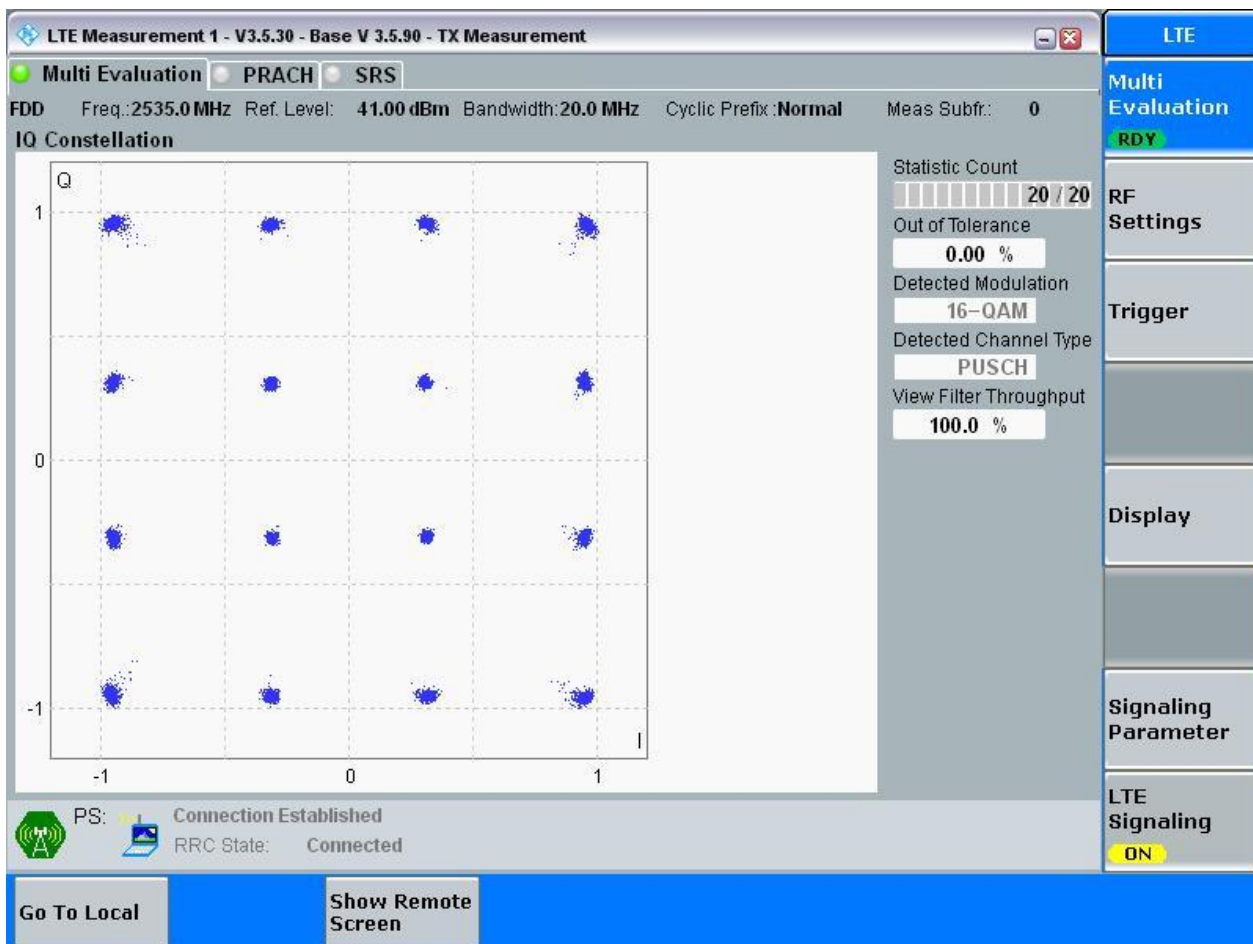
3.1.1.2.3.1.1 Test RB = RB75#0



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	4.86	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.00	9.64	Pass
			MCH	RB50#0	8.99	9.64	Pass
			HCH	RB50#0	8.99	9.64	Pass
		15	LCH	RB75#0	13.48	14.35	Pass
			MCH	RB75#0	13.48	14.34	Pass
			HCH	RB75#0	13.47	14.34	Pass
		20	LCH	RB100#0	17.99	19.18	Pass
			MCH	RB100#0	17.96	19.09	Pass
			HCH	RB100#0	17.99	19.15	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	8.99	9.59	Pass
			MCH	RB50#0	8.99	9.68	Pass
			HCH	RB50#0	9.00	9.68	Pass
		15	LCH	RB75#0	13.48	14.34	Pass
			MCH	RB75#0	13.48	14.44	Pass
			HCH	RB75#0	13.48	14.37	Pass
		20	LCH	RB100#0	17.98	19.14	Pass
			MCH	RB100#0	17.94	19.08	Pass
			HCH	RB100#0	17.98	19.18	Pass



Part II - Test Plots

4.1 For LTE

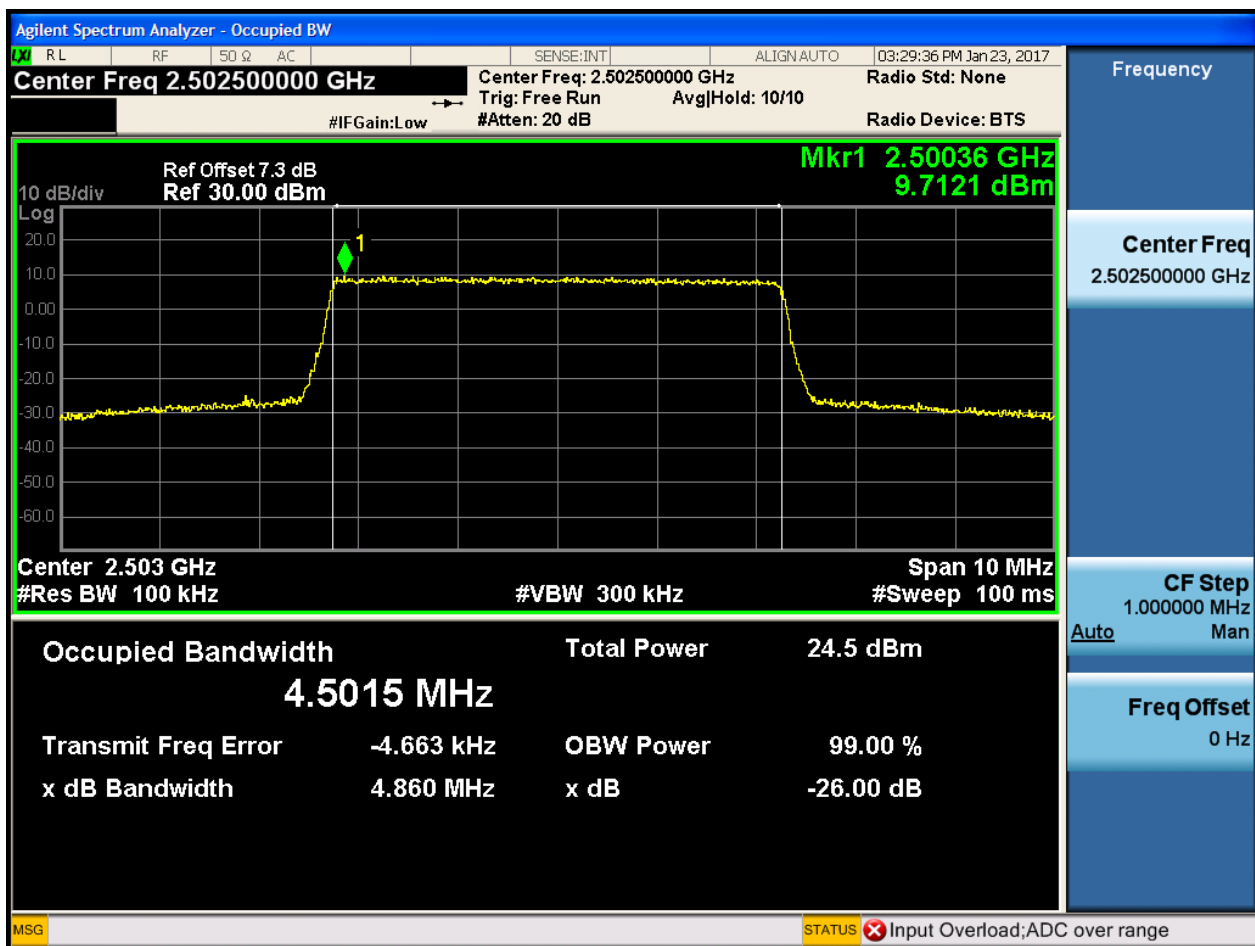
4.1.1 Test Band = BAND7

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

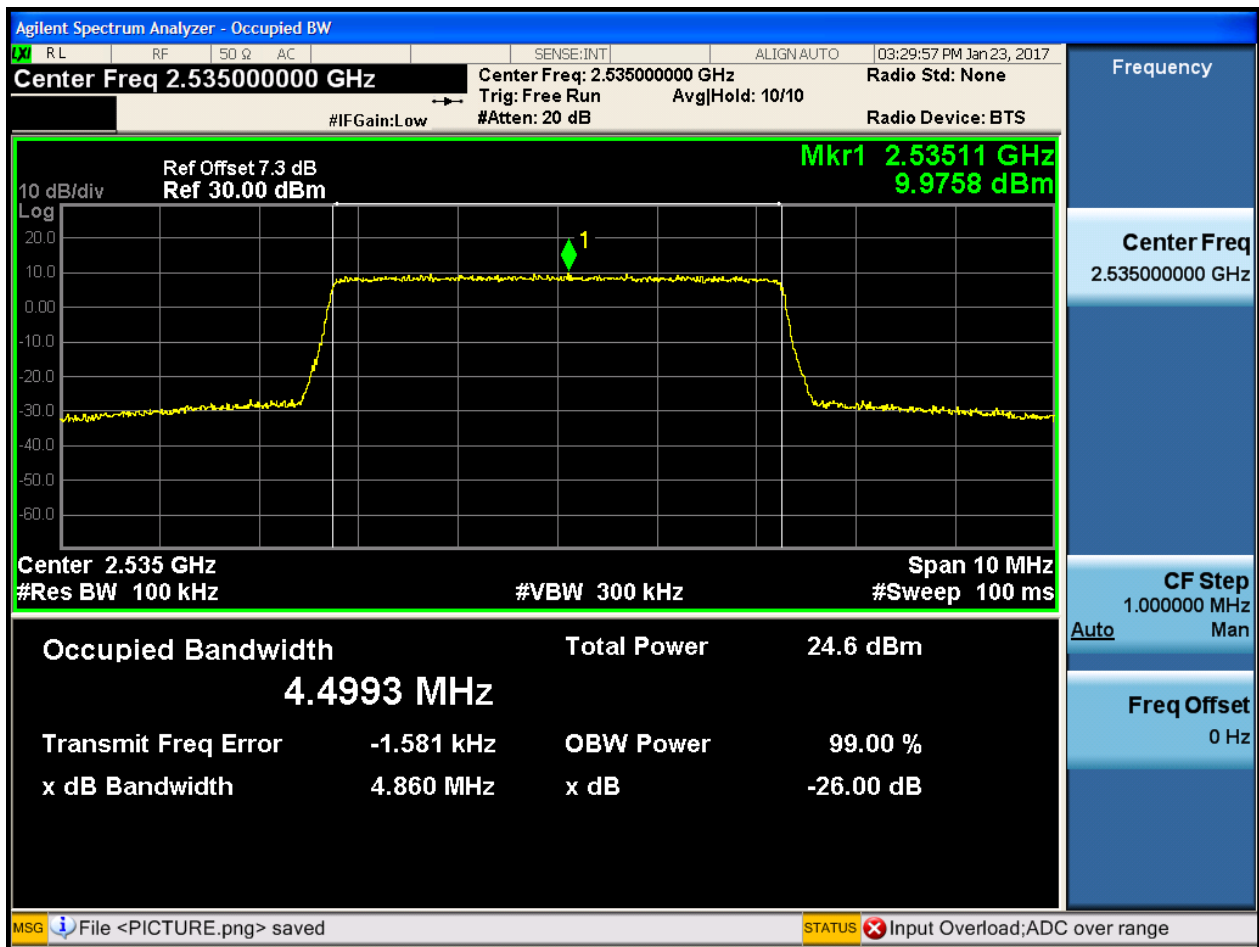
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

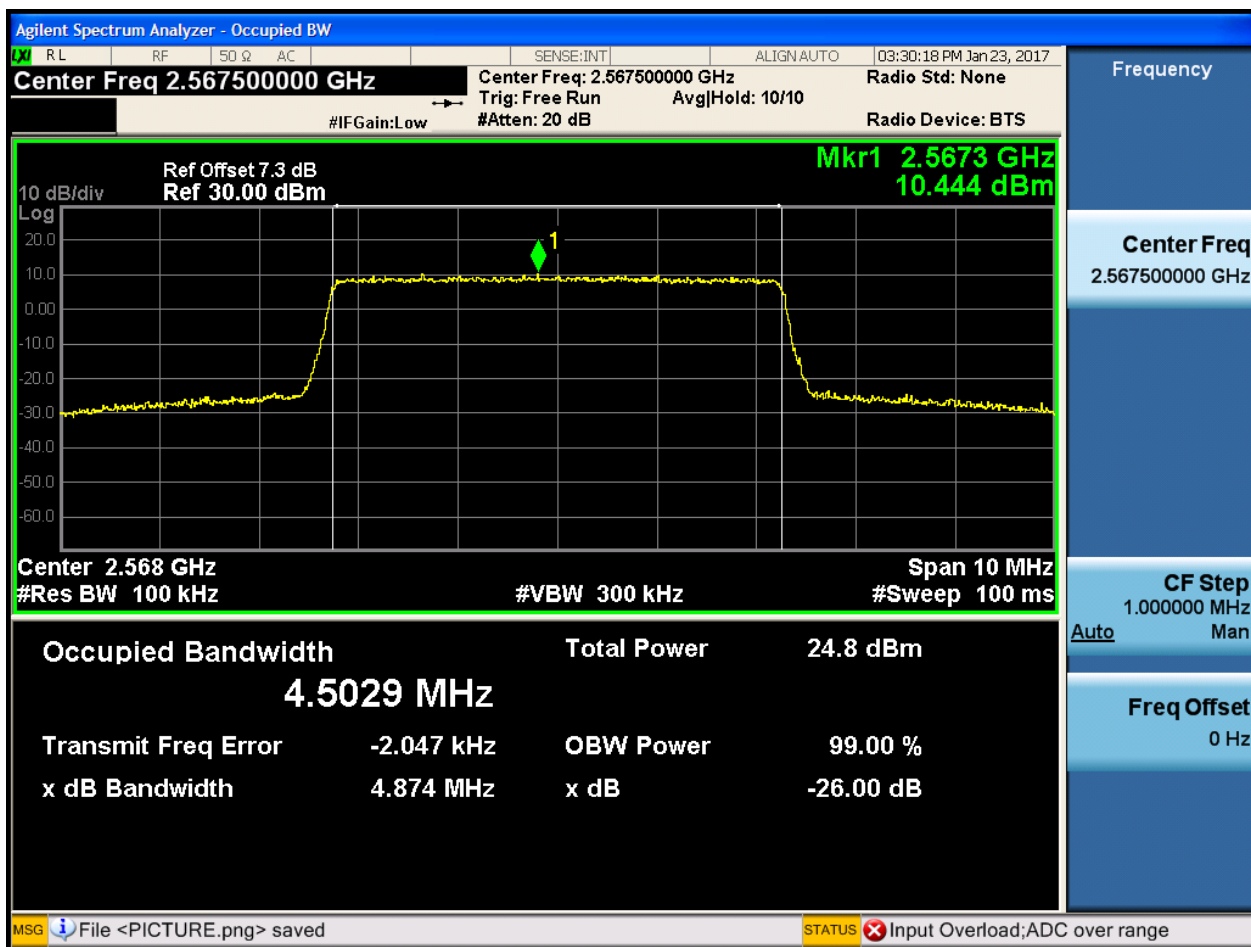
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

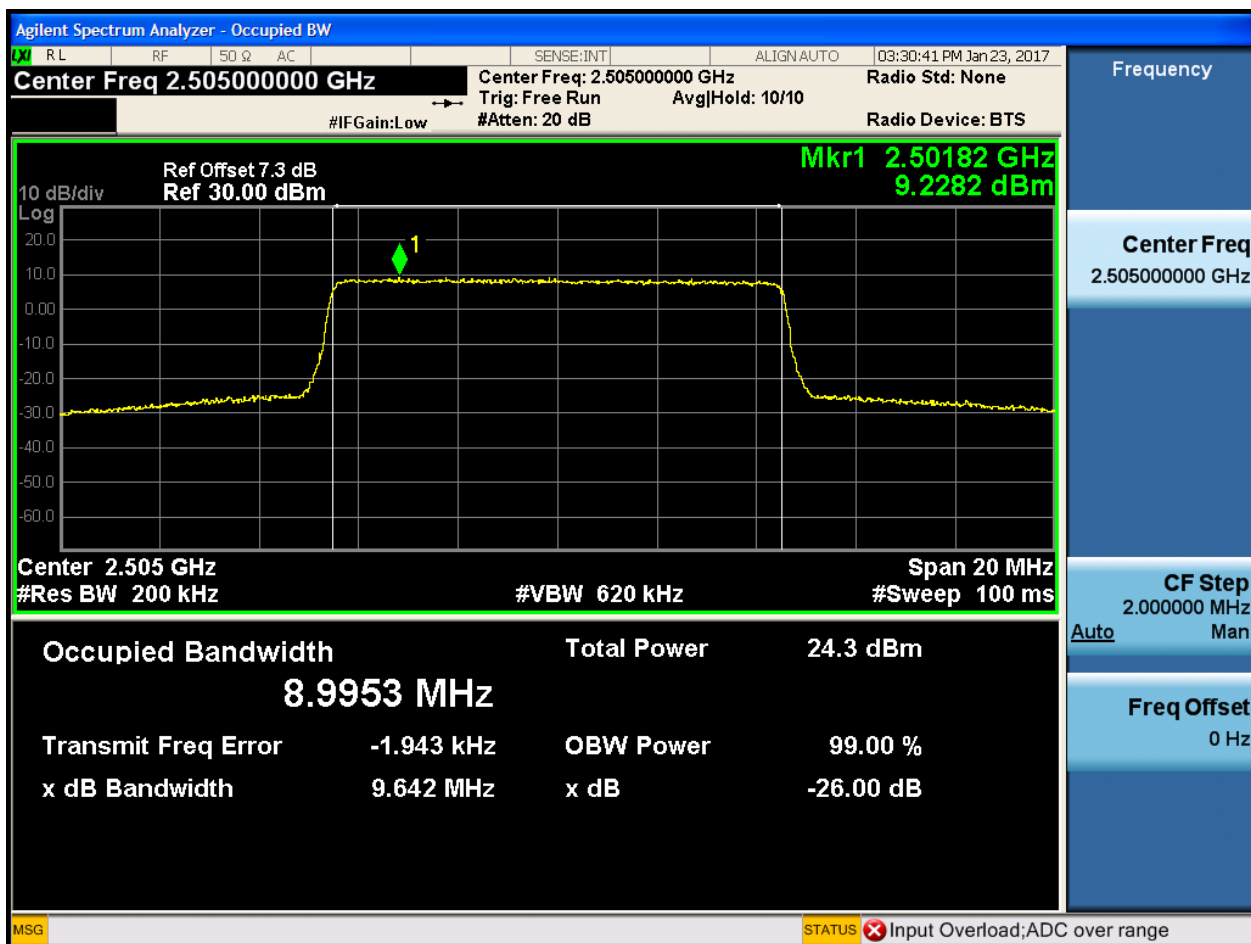




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

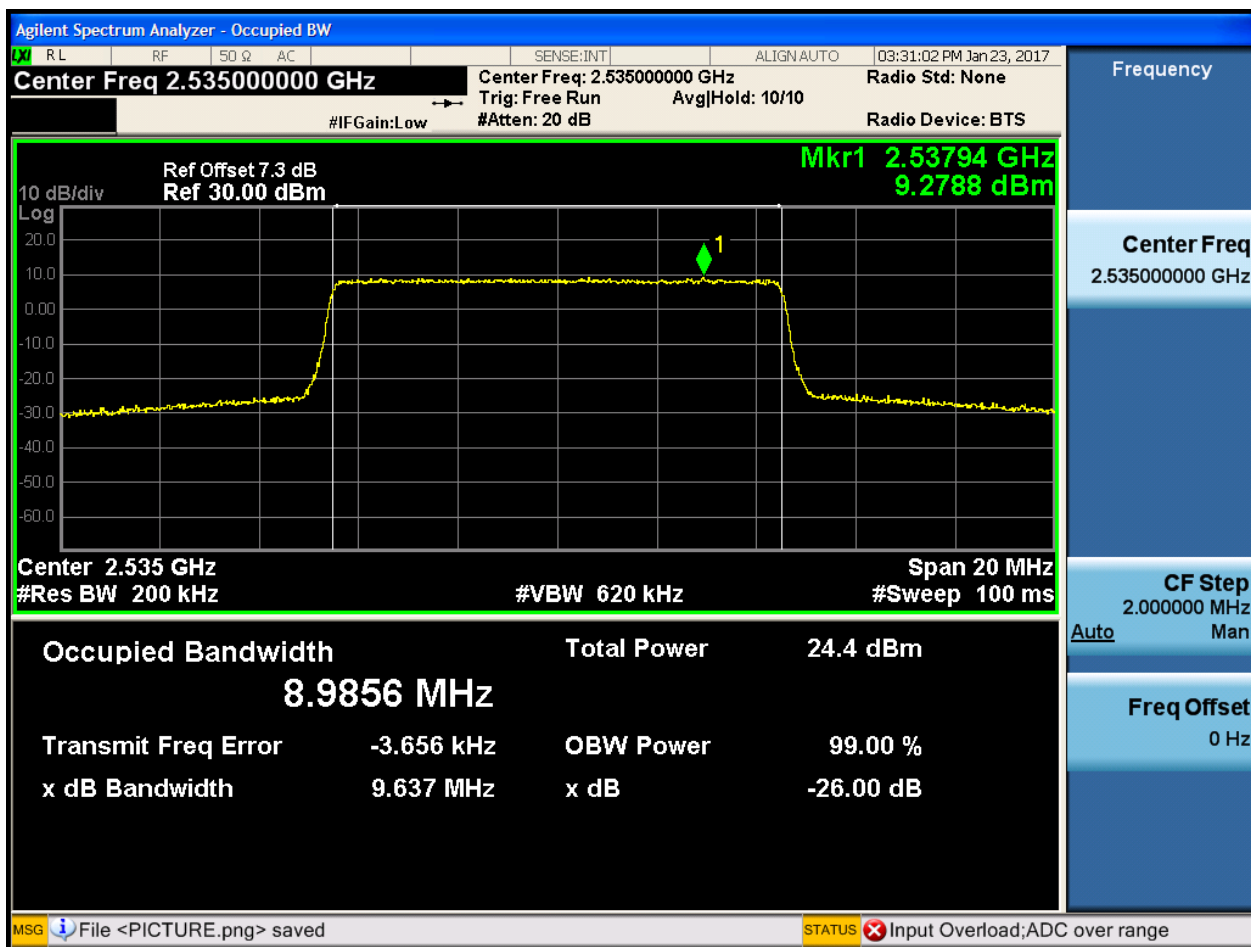
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

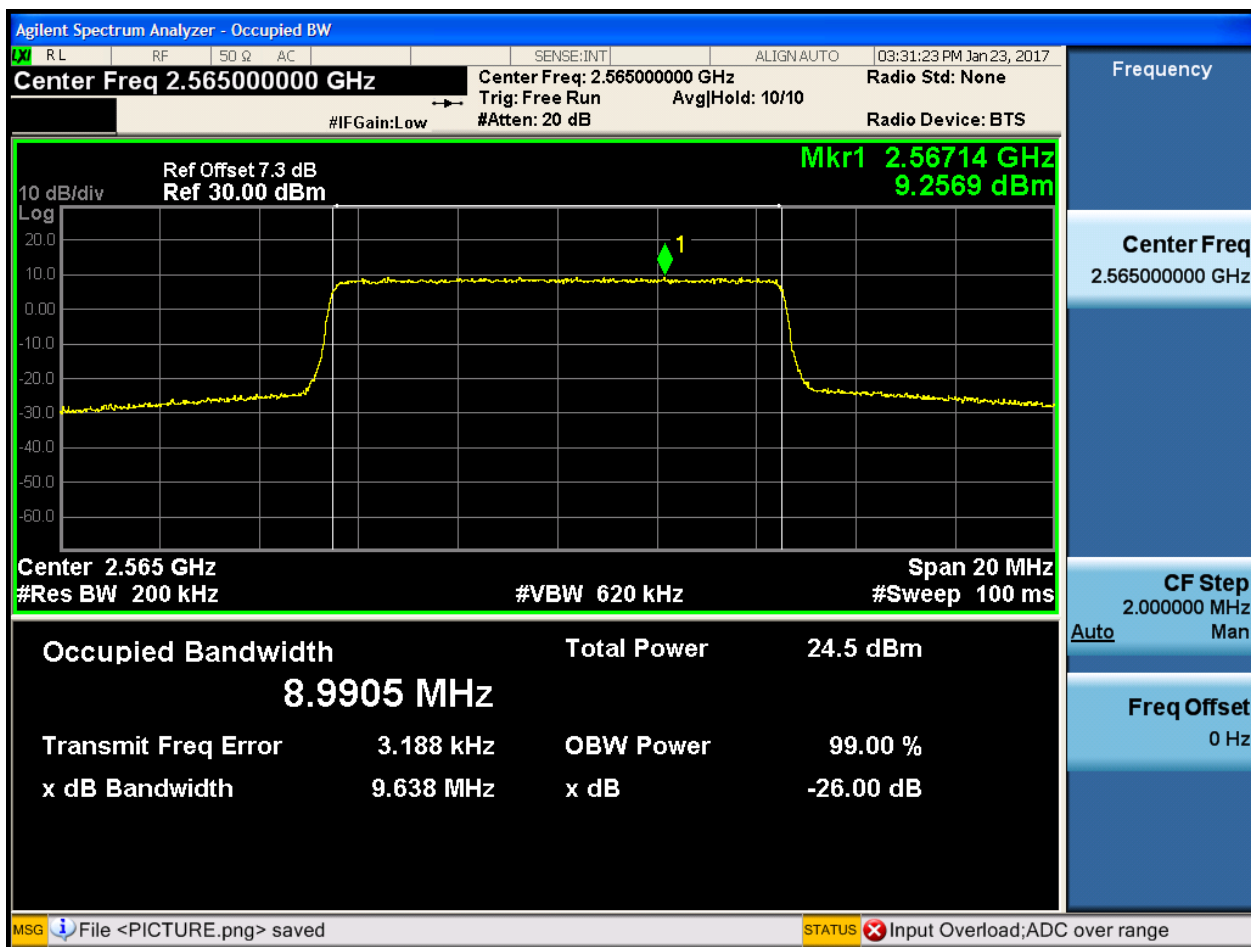
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

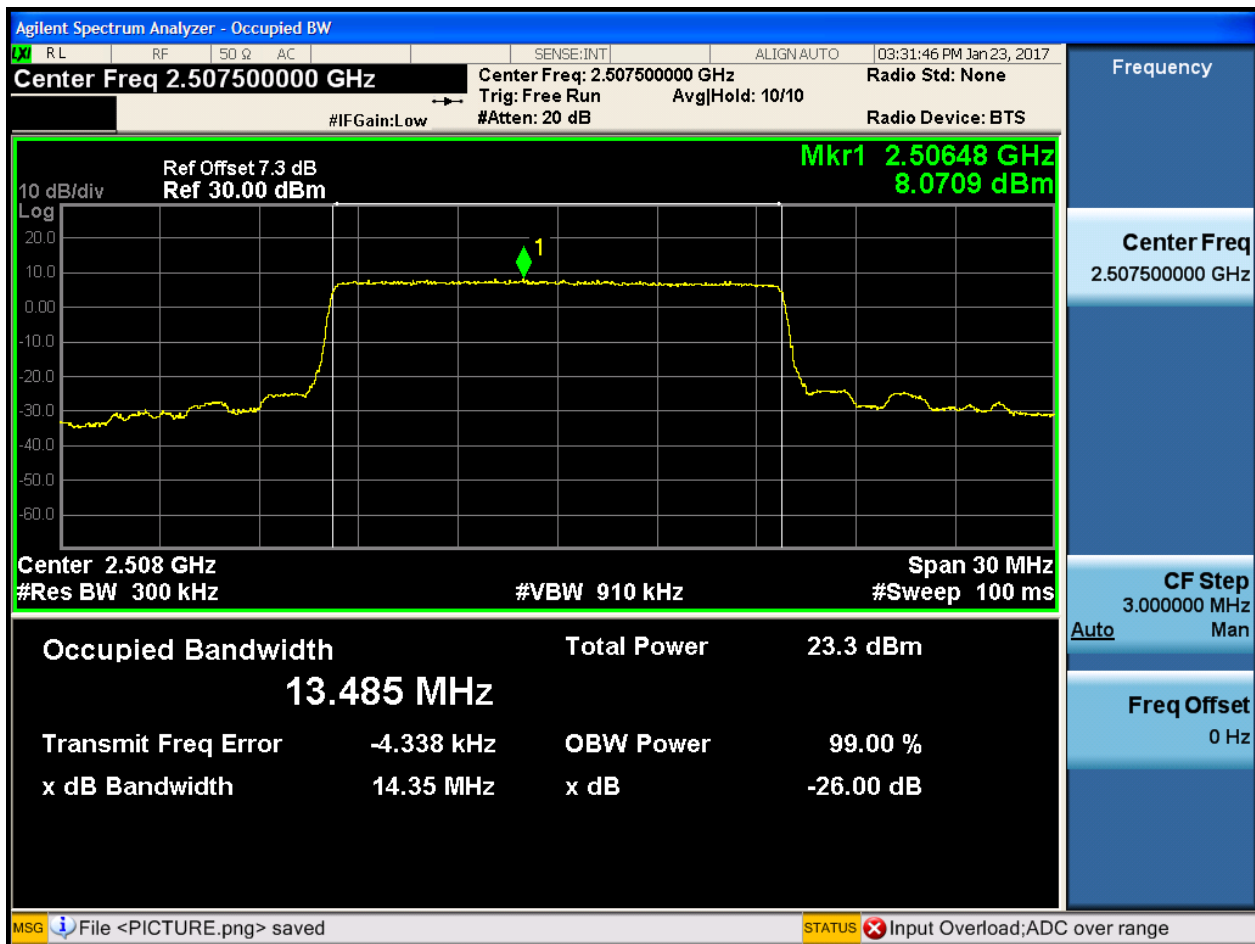




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

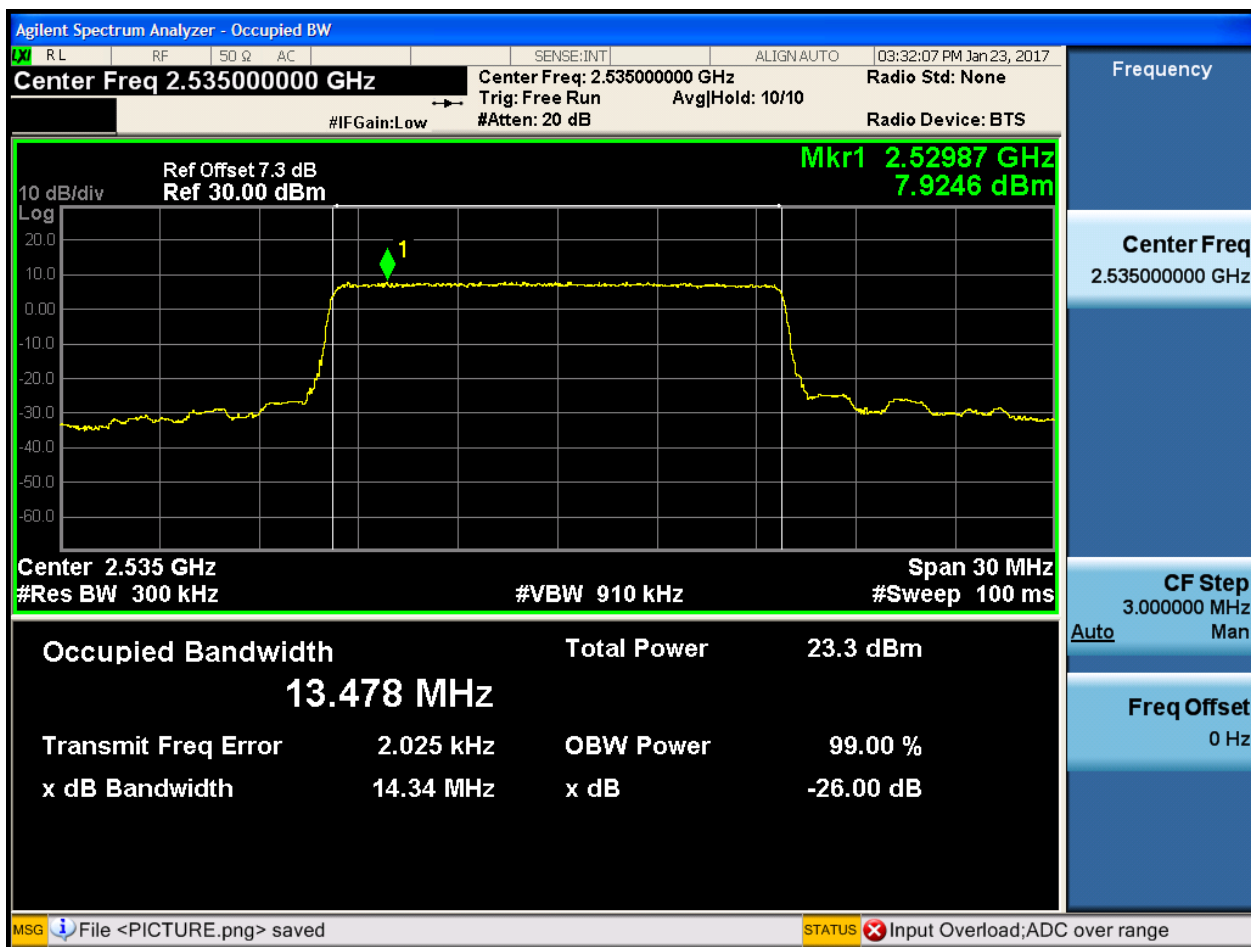
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

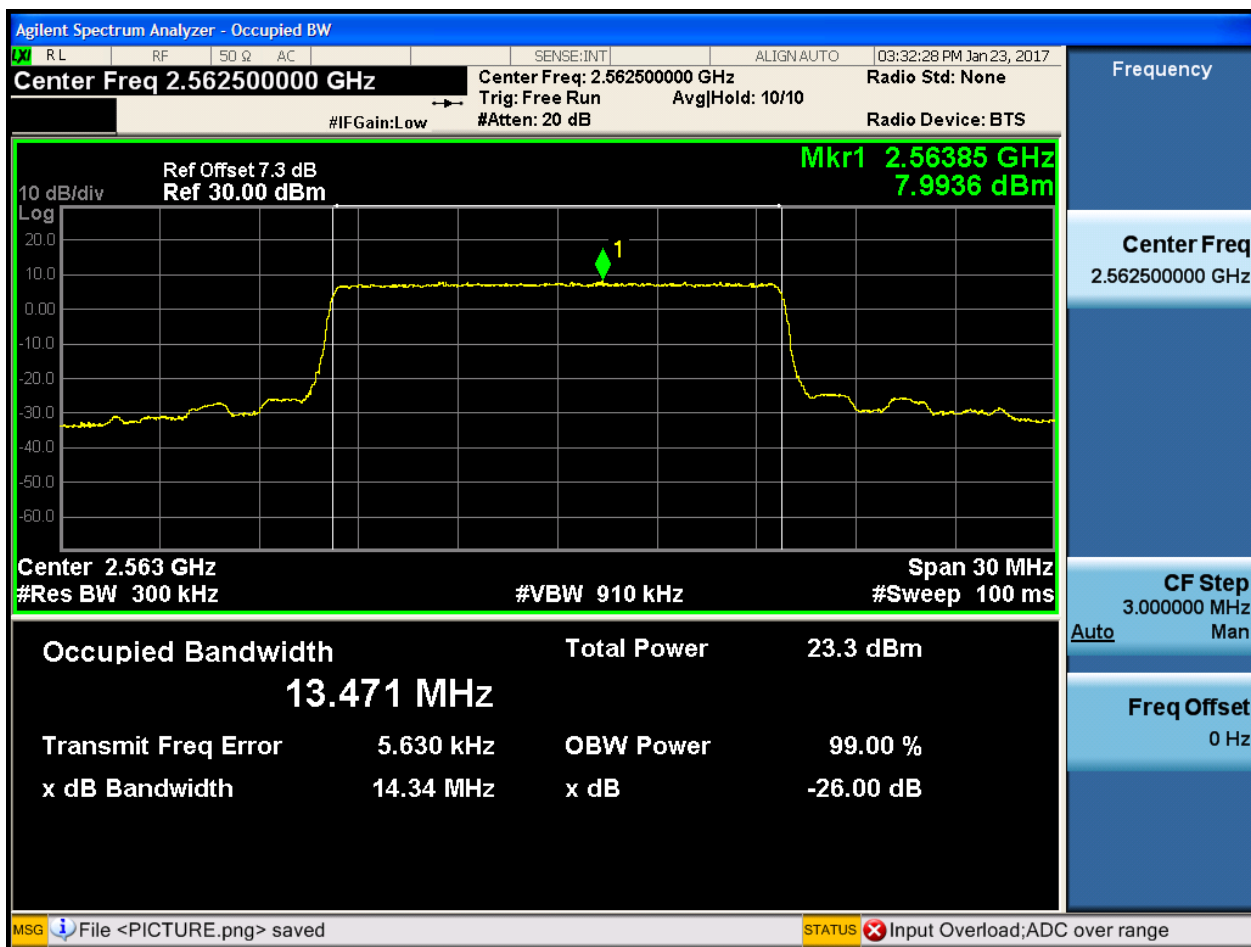
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

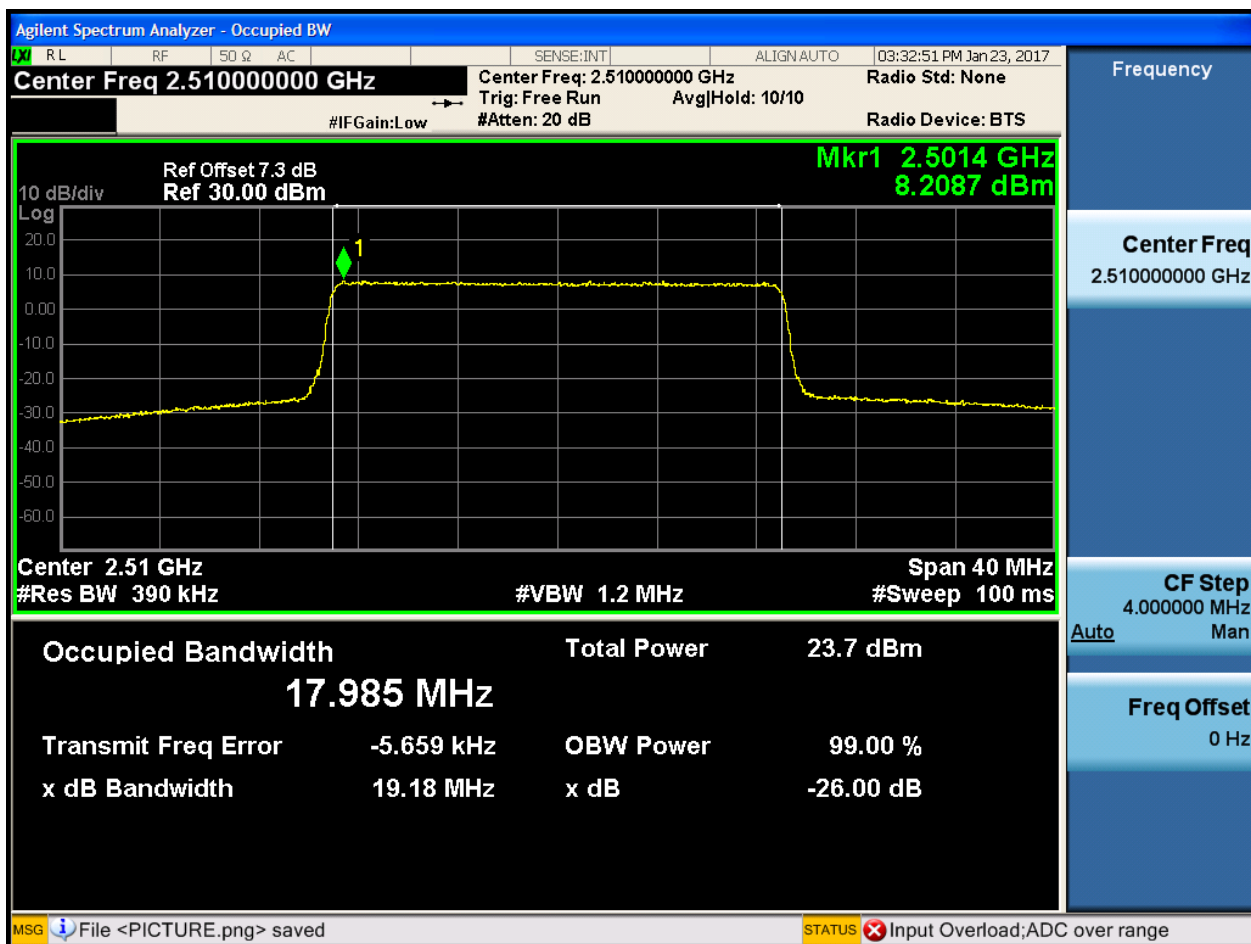




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

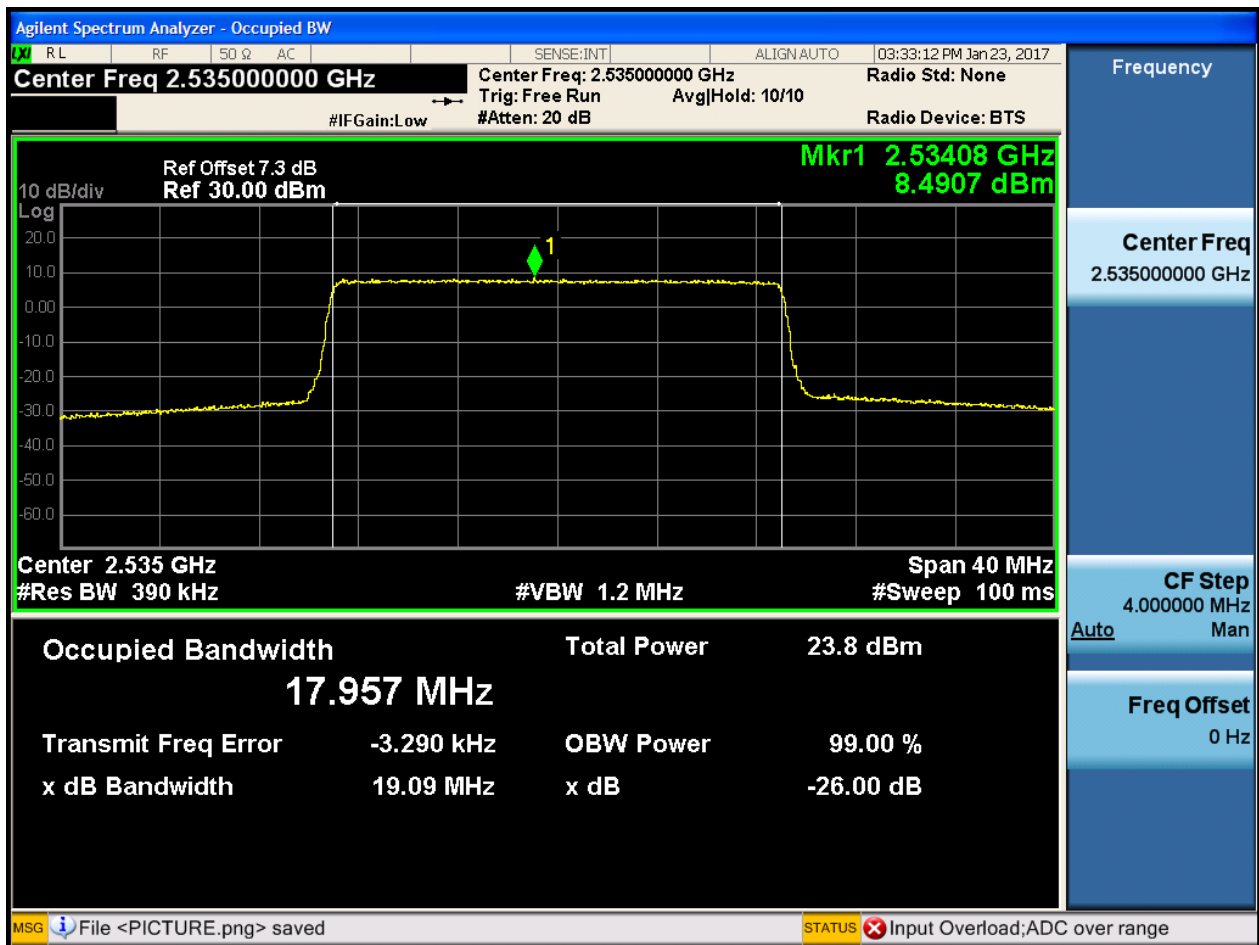
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

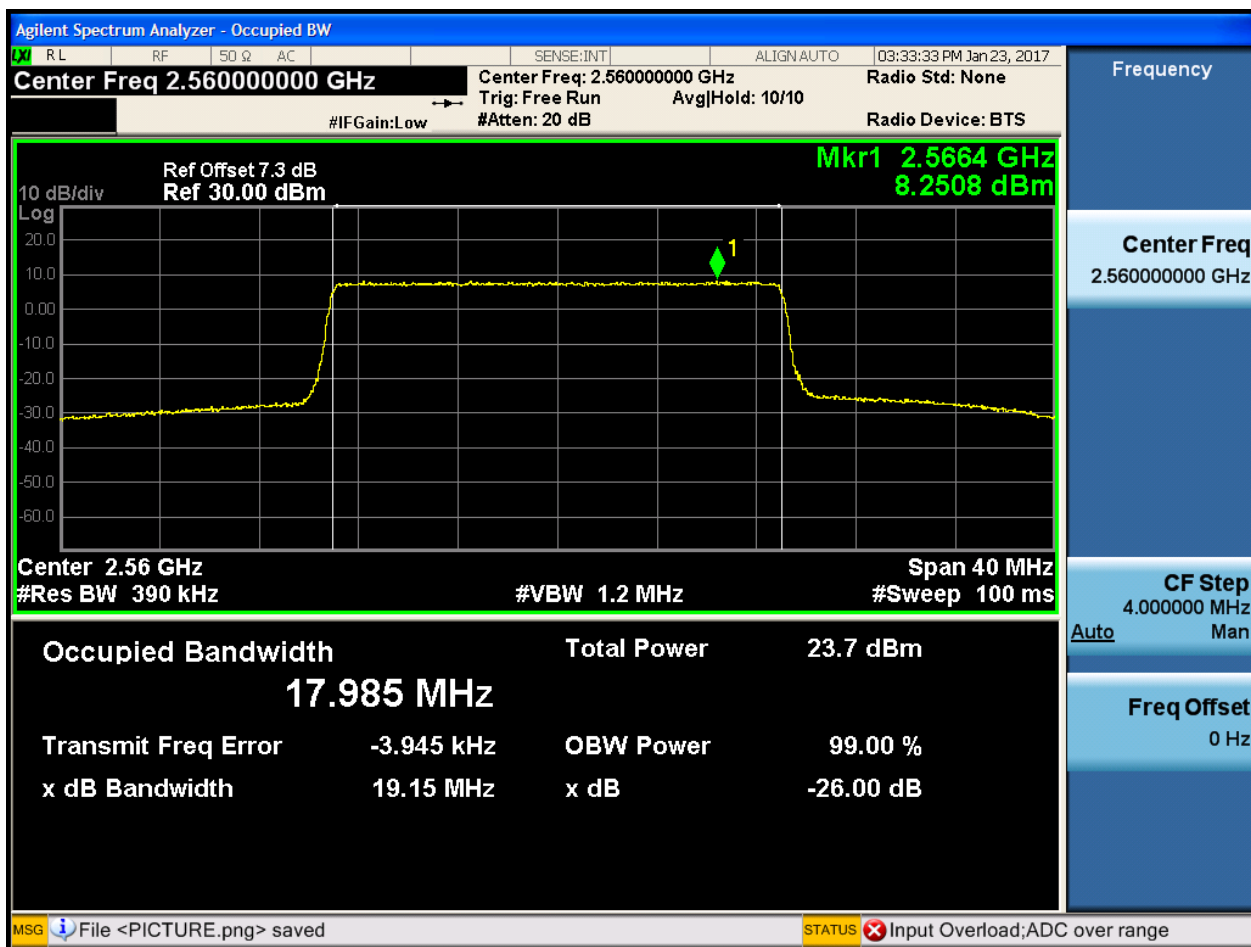
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



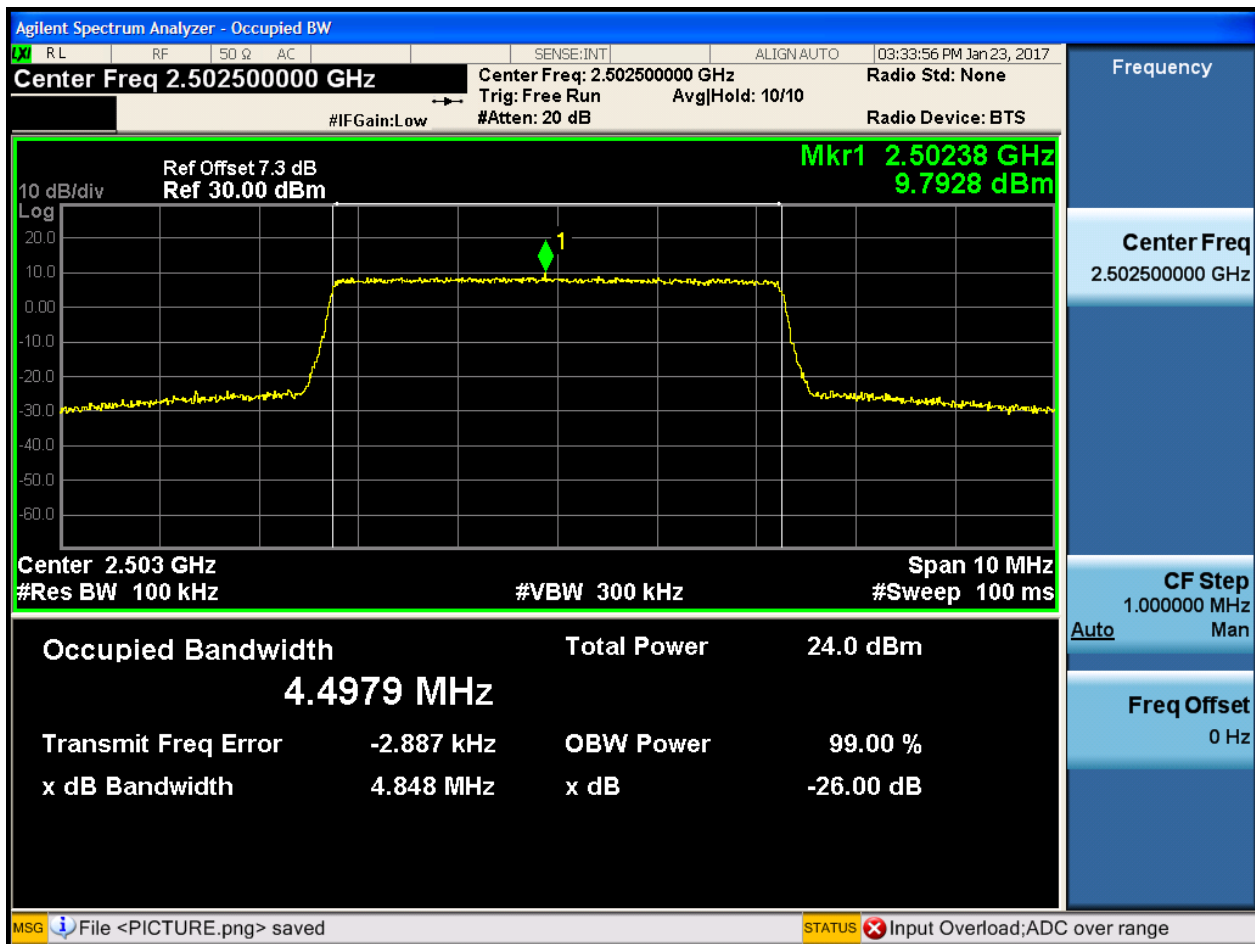


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

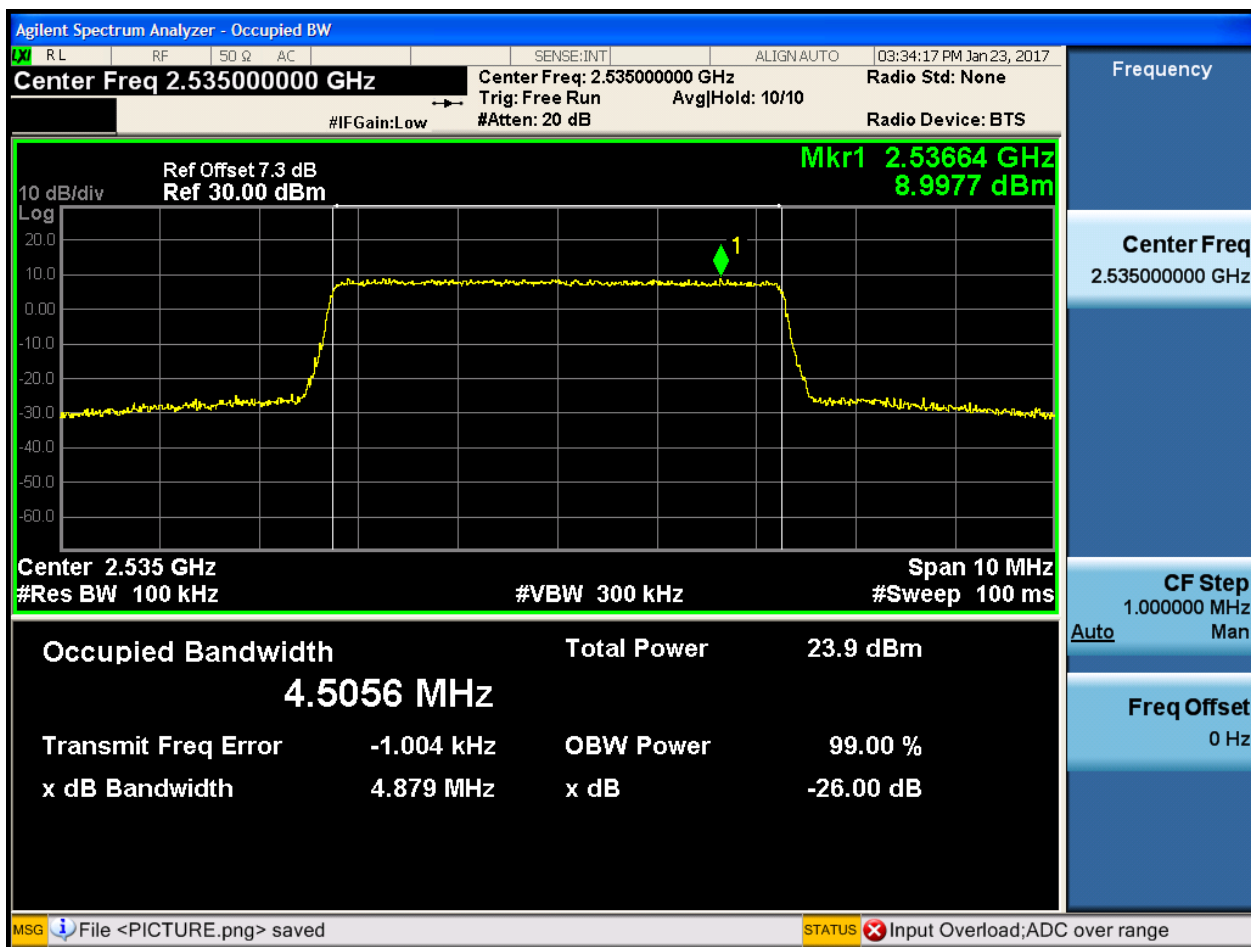
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

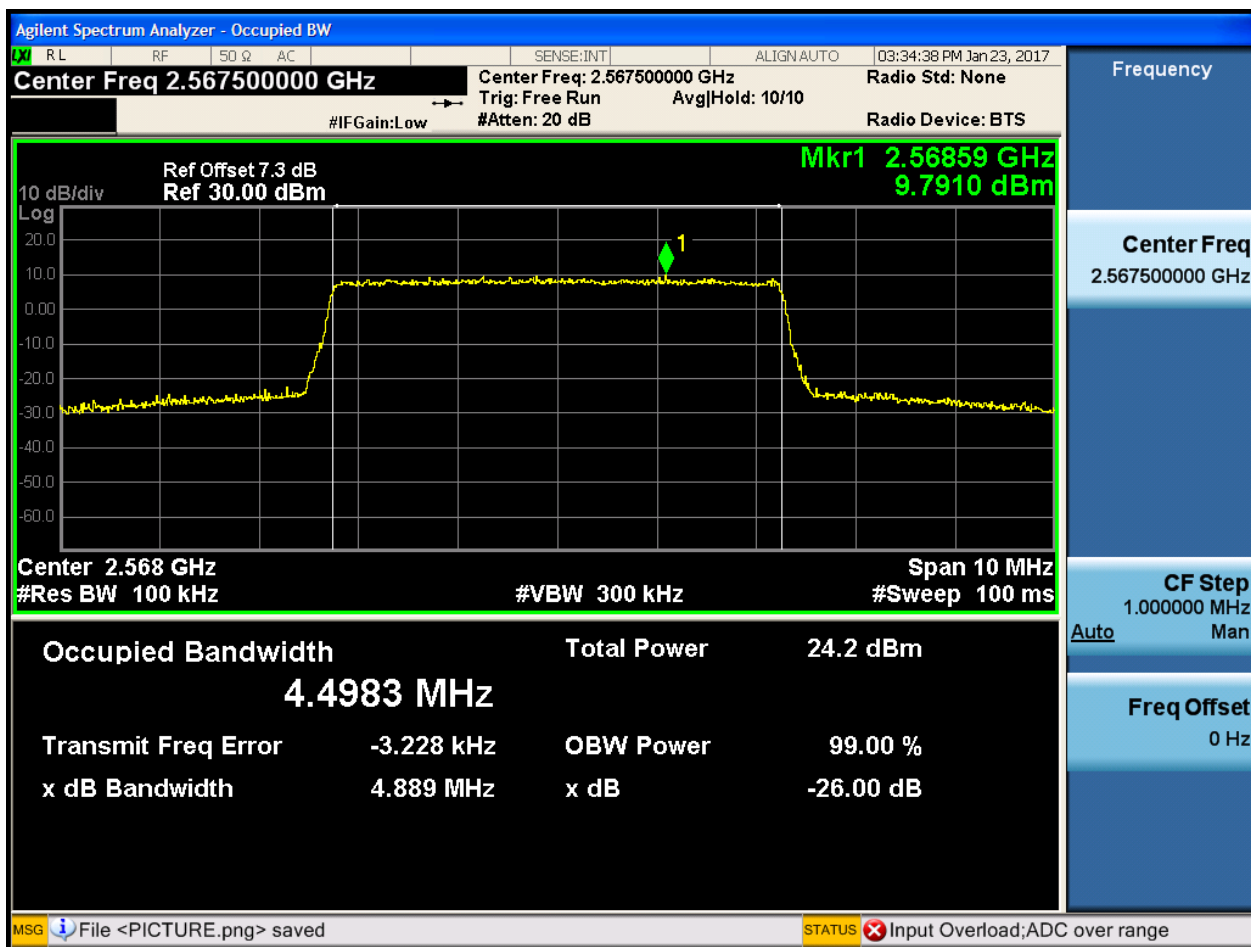
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

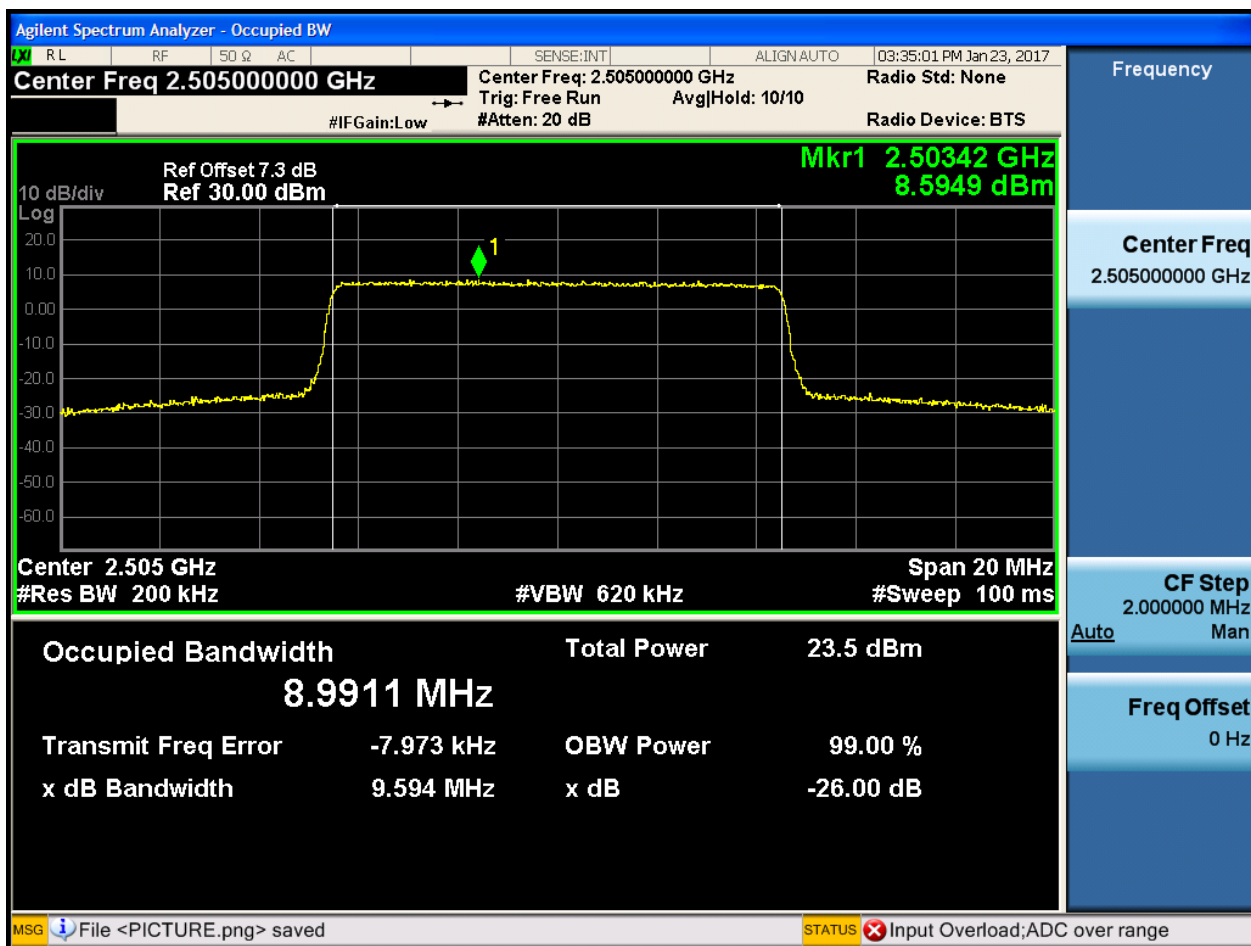




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

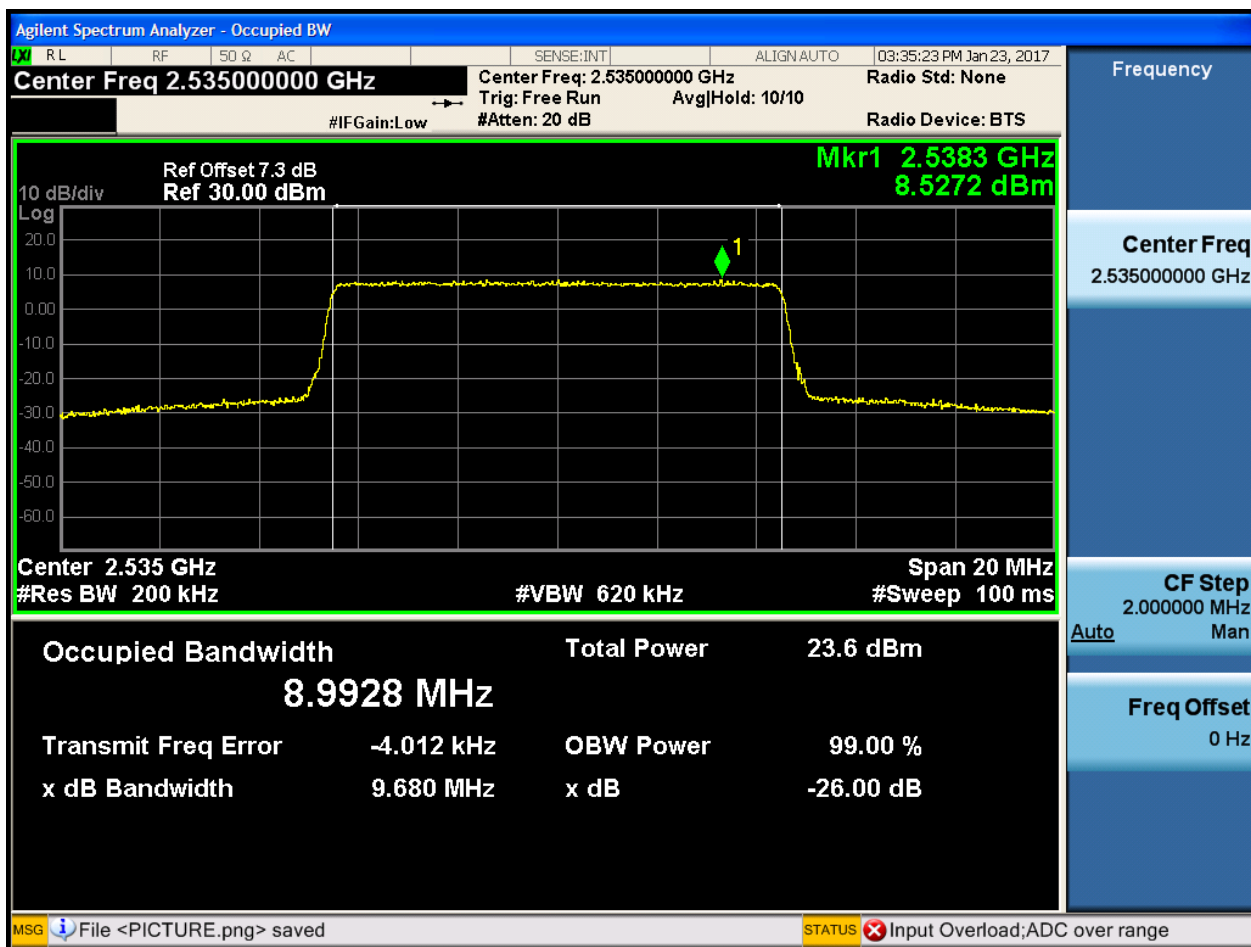
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

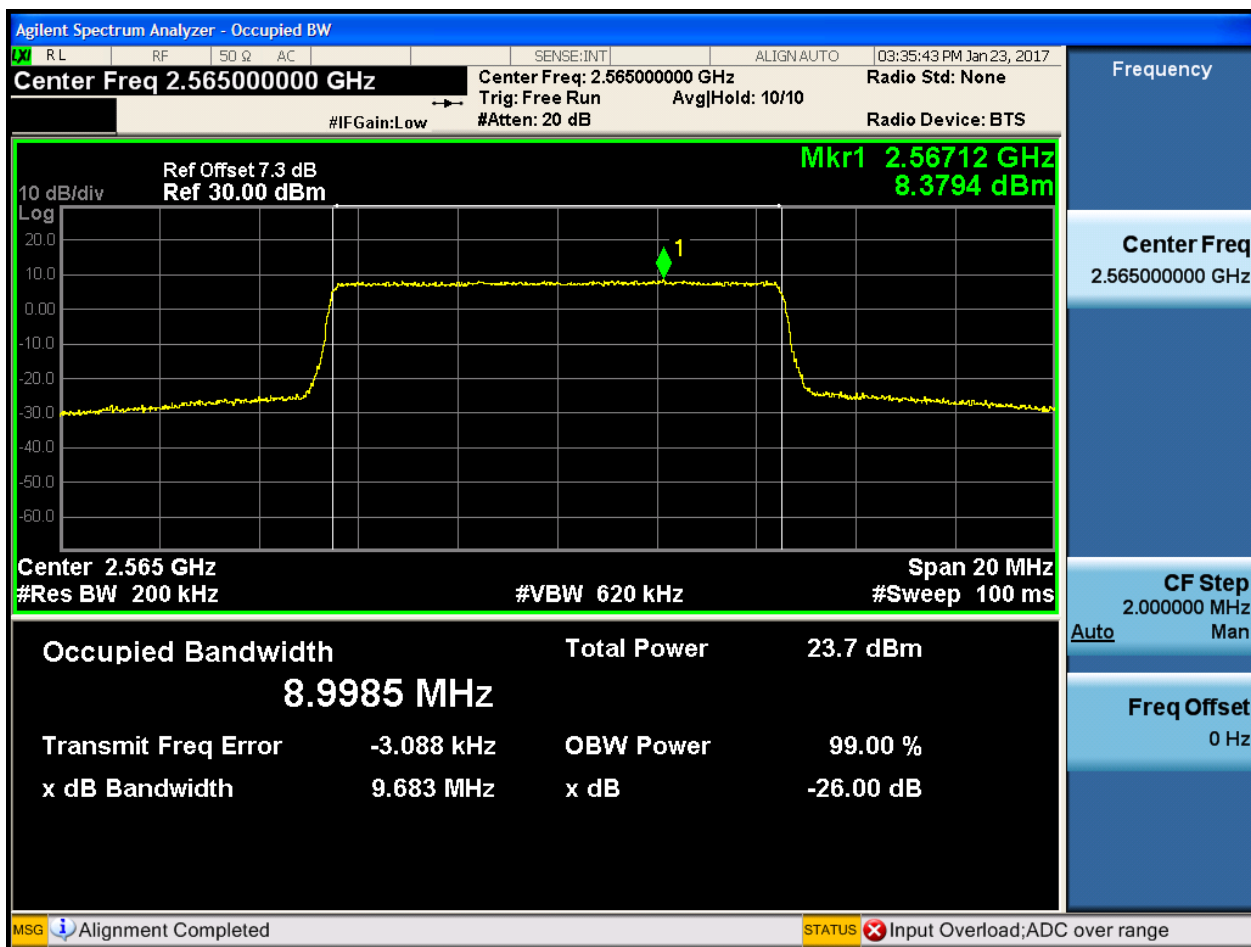
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

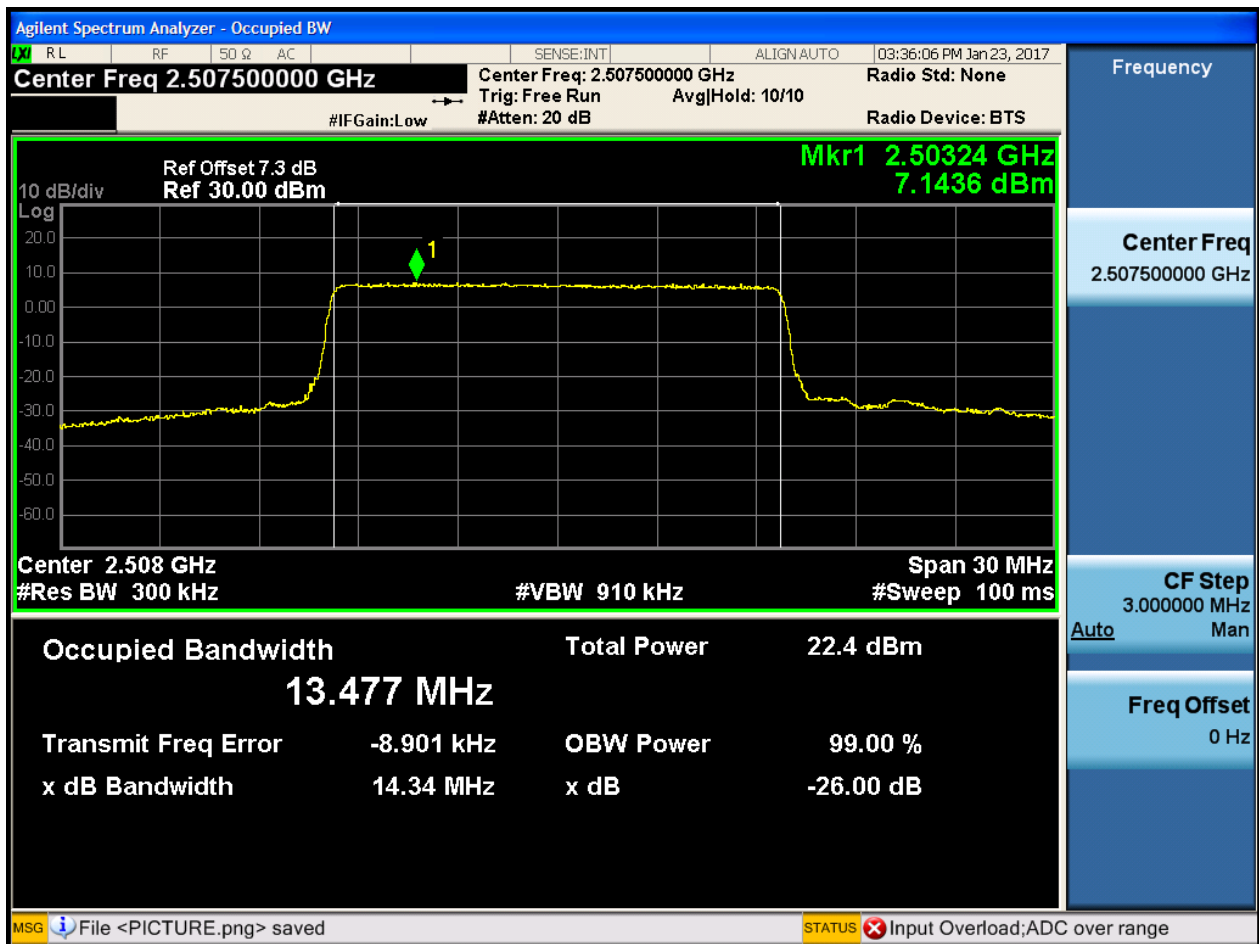




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

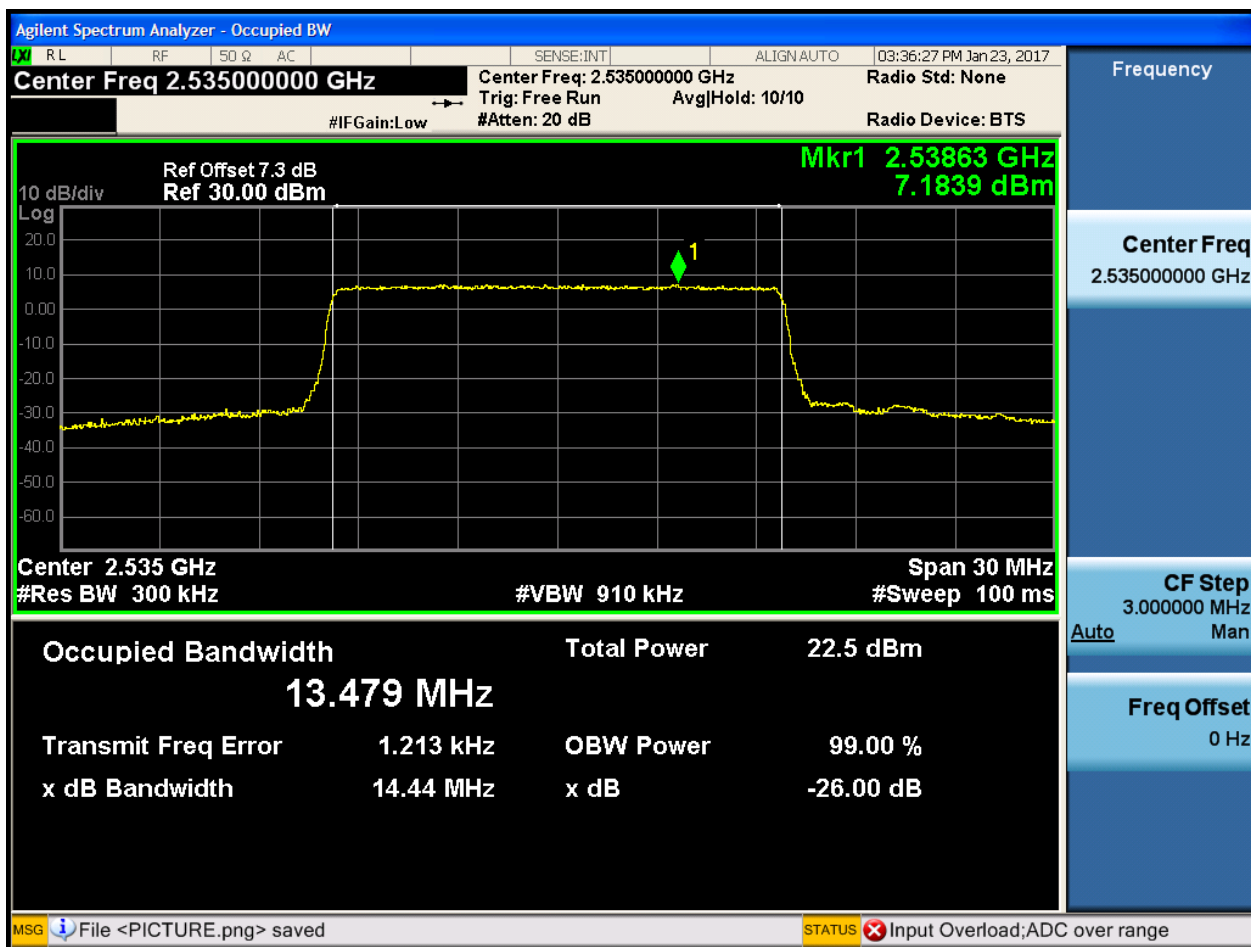
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

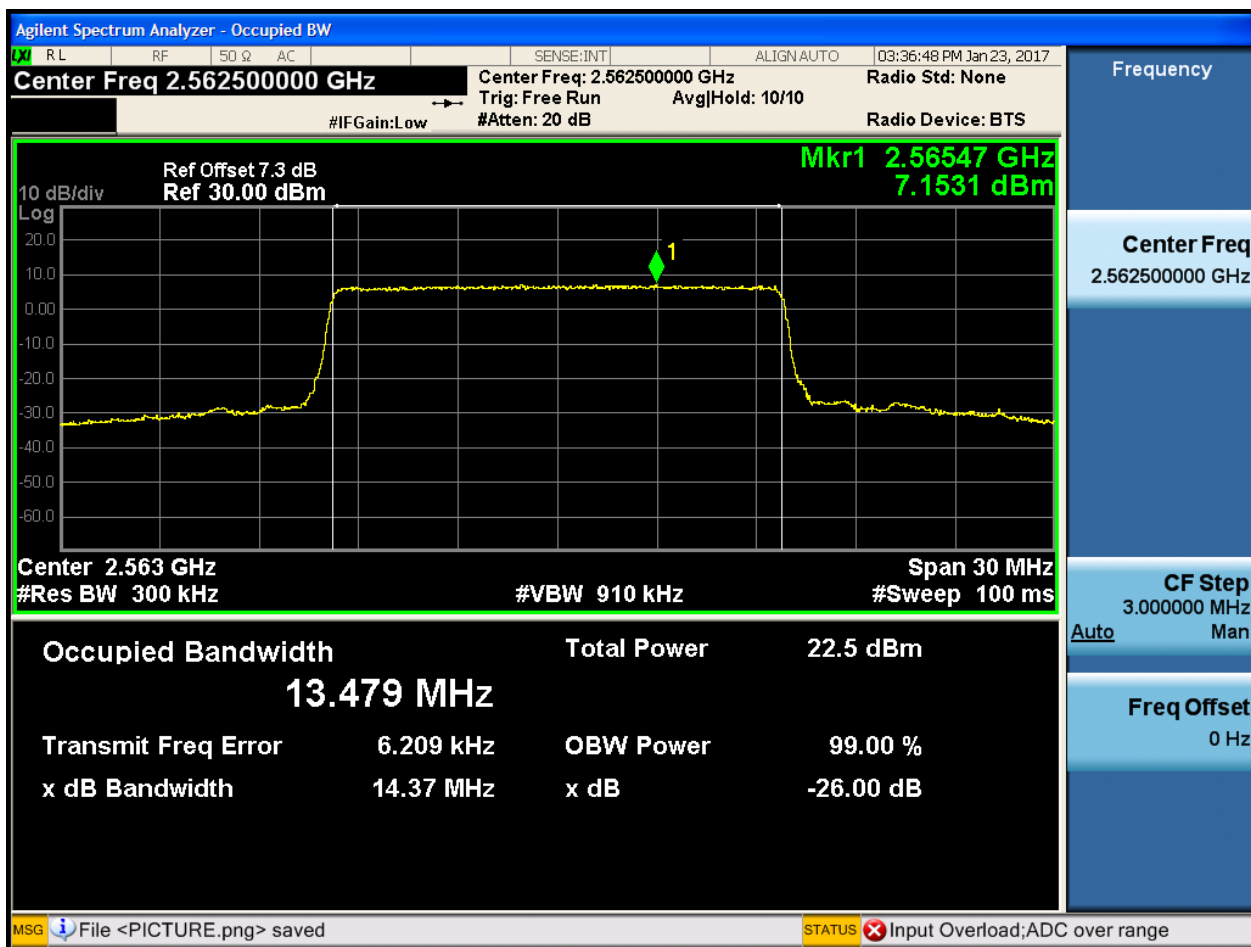
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

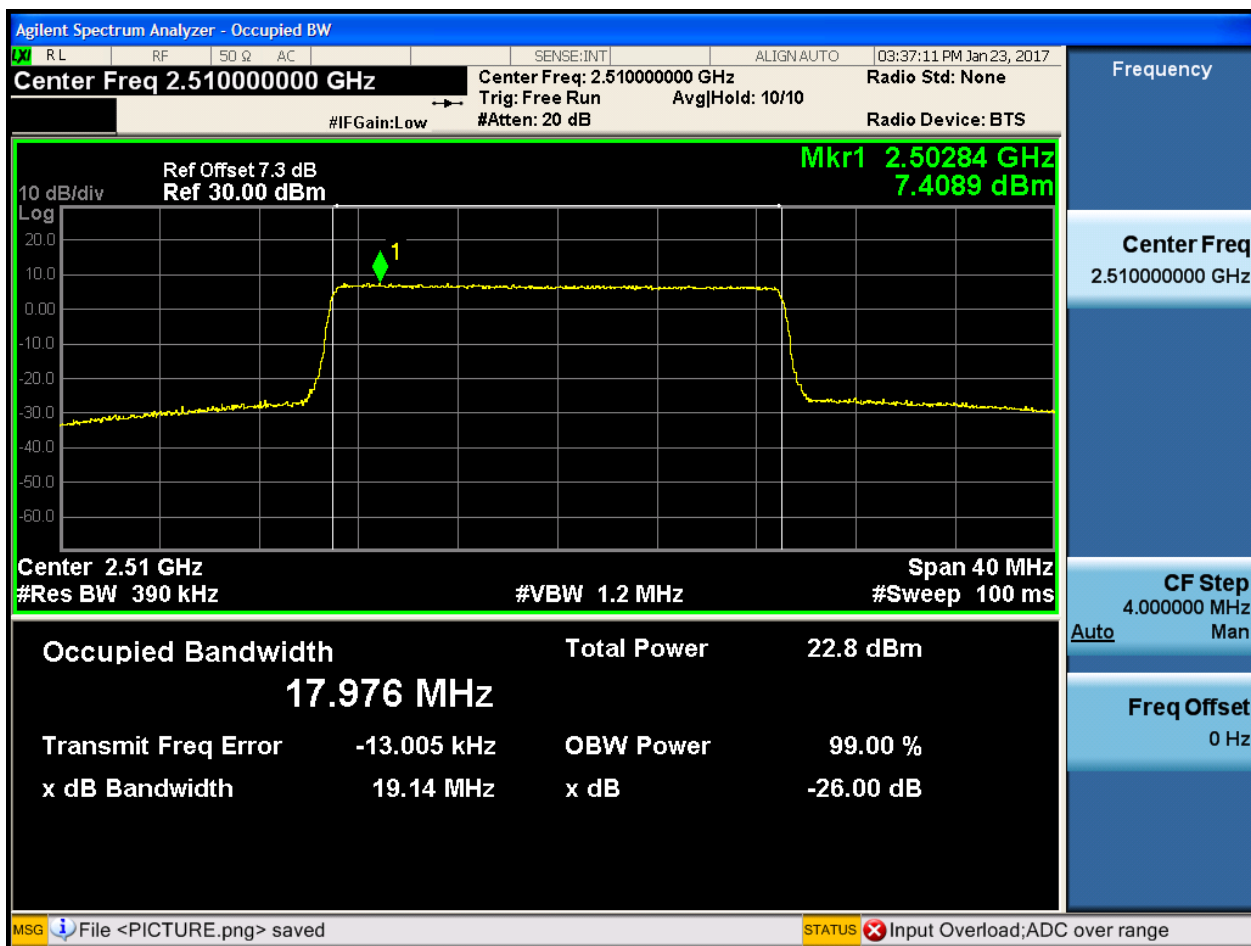




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

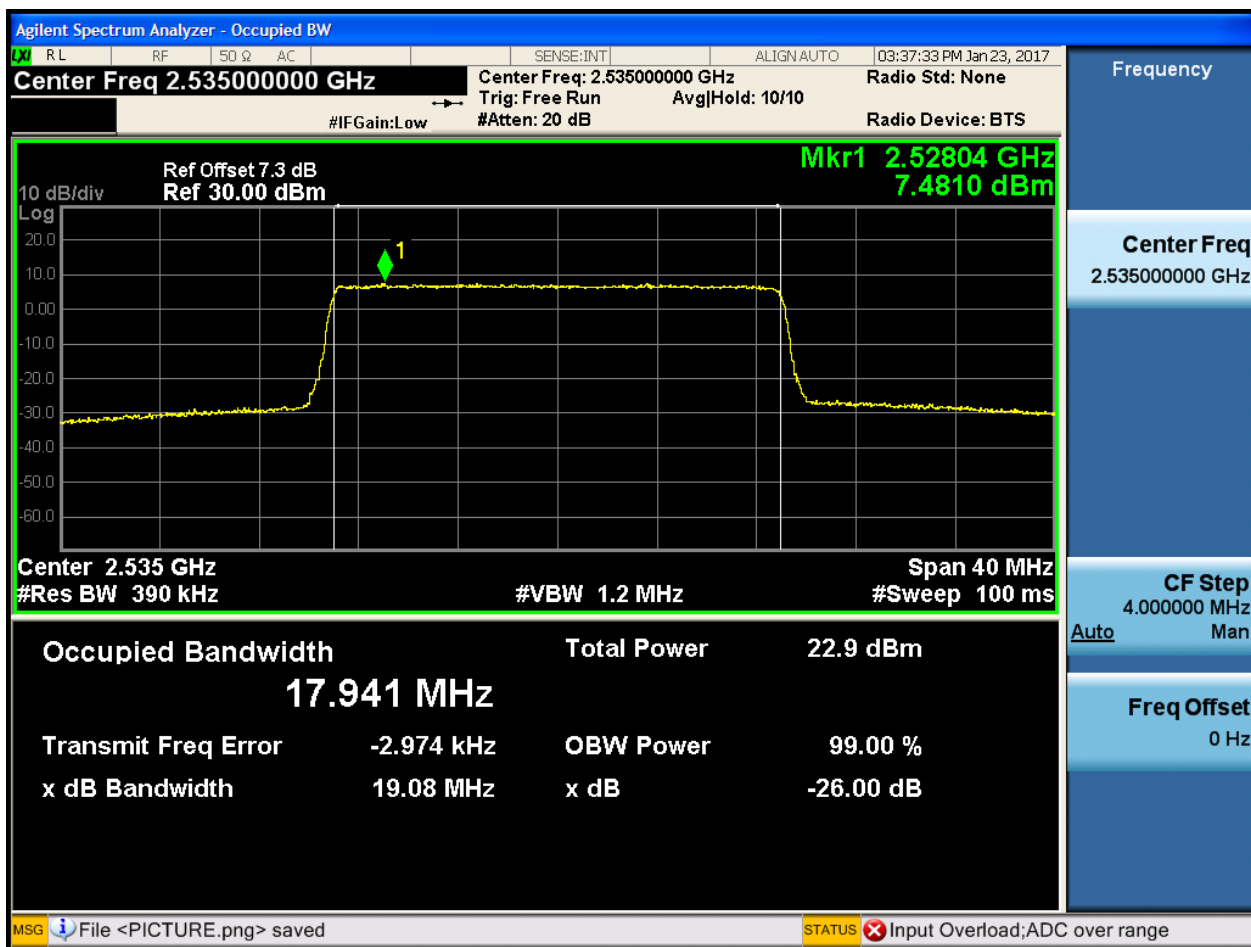
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

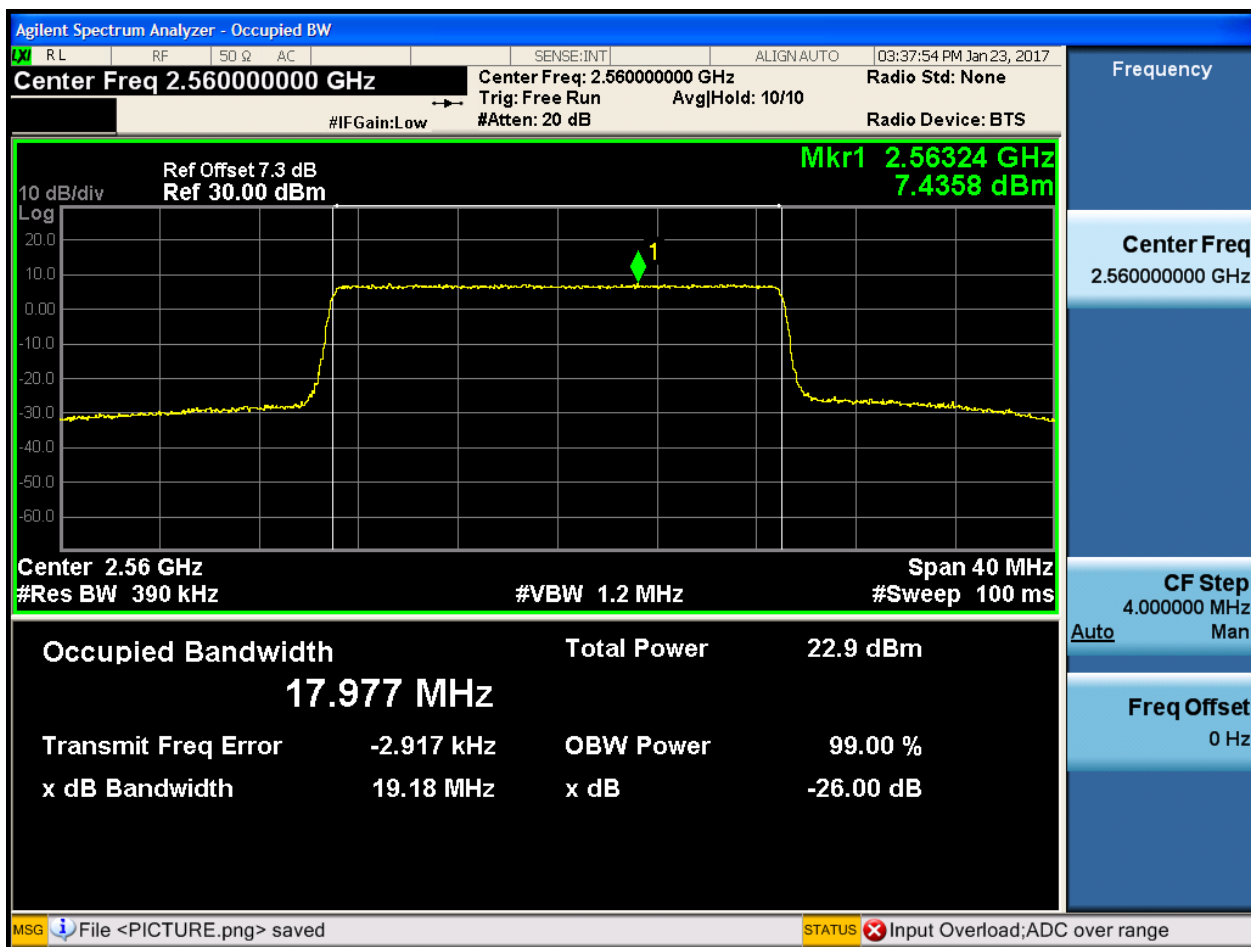
4.1.1.2.4.2.1 Test RB = RB100#0





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

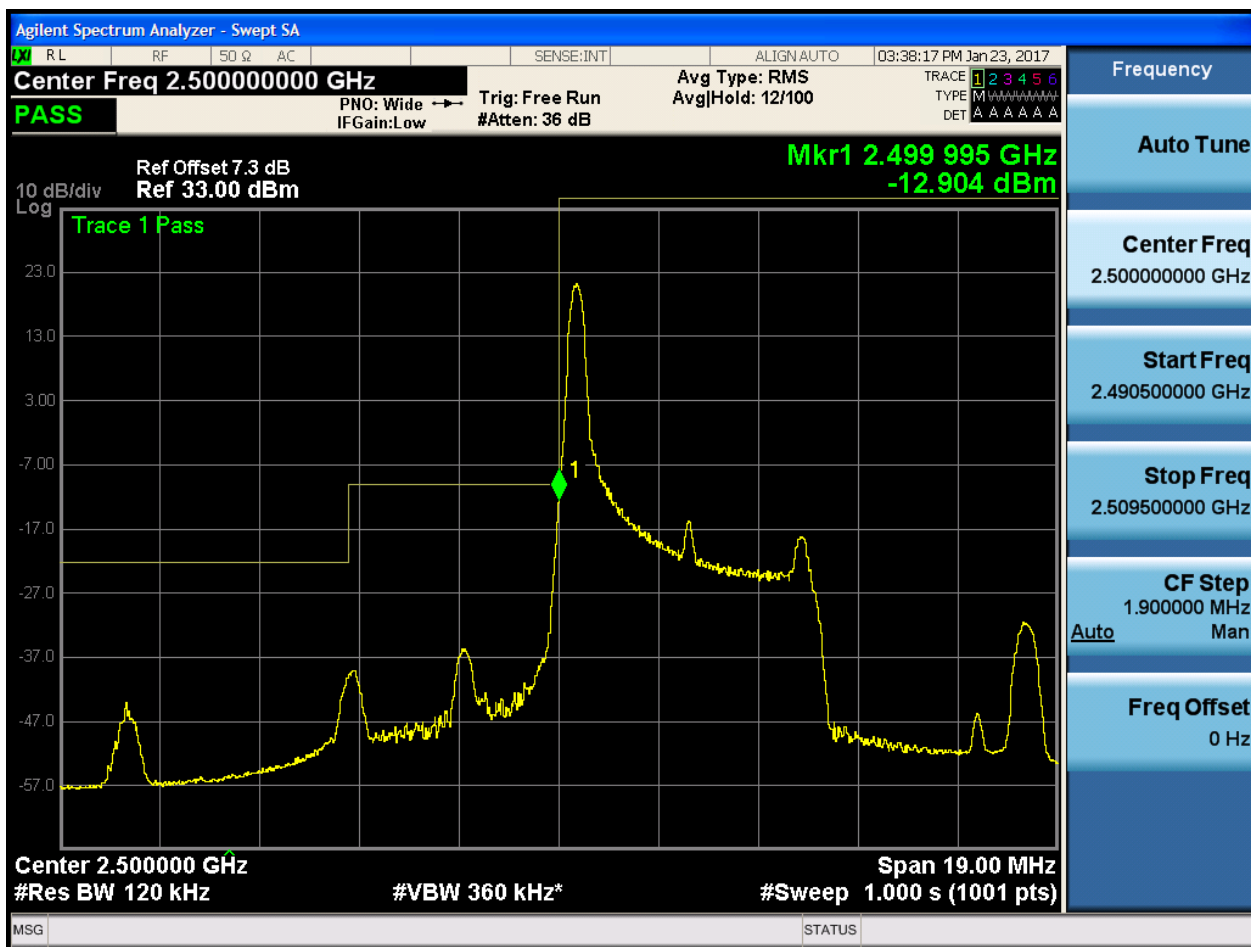
5.1.1 Test Band = BAND7

5.1.1.1 Test Mode = LTE/TM1

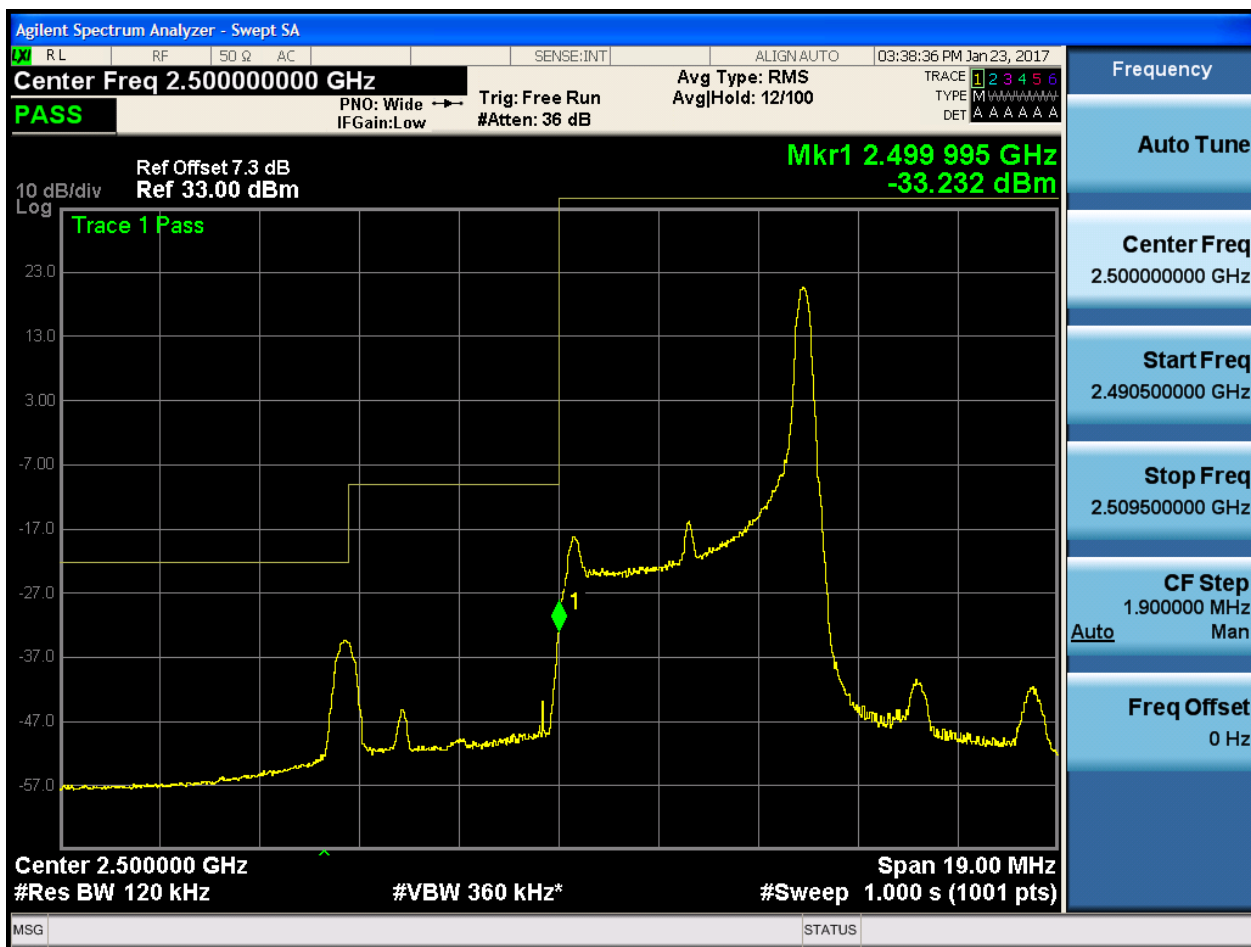
5.1.1.1.1 Test Bandwidth = 5

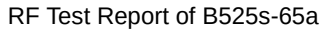
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



5.1.1.1.1.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:38:54 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide Trig: Free Run
IFGain:Low #Atten: 36 dB

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

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-25.439 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz
#Res BW 120 kHz

#VBW 360 kHz*

Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

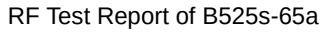
Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:39:12 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#Atten: 36 dB

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

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-22.676 dBm

10 dB/div
Log

Trace 1 Pass

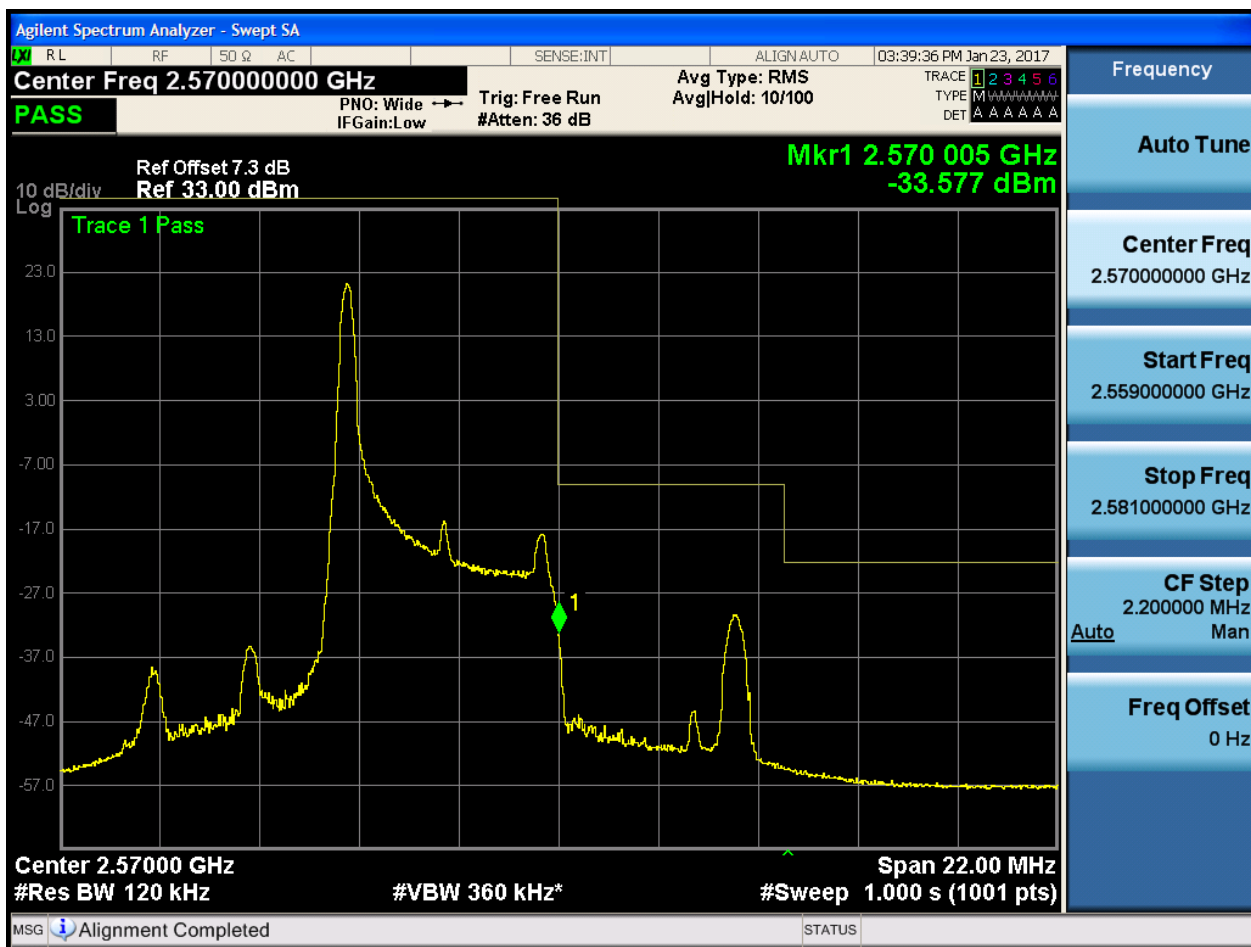
Center 2.500000 GHz
#Res BW 120 kHz
#VBW 360 kHz
Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



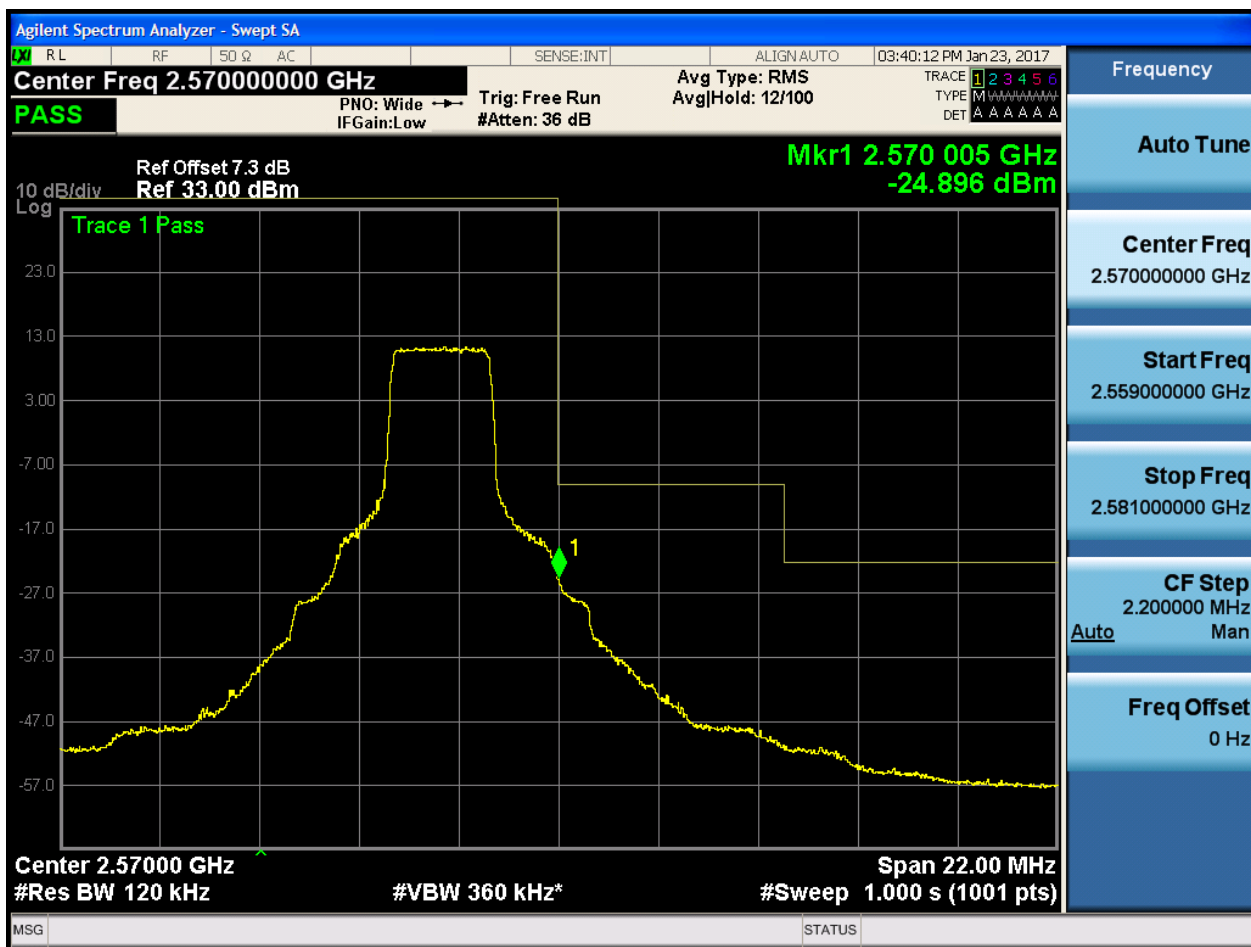


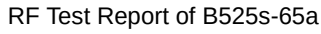
5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:40:30 PM Jan 23, 2017

Center Freq 2.570000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.570 005 GHz
-21.806 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.57000 GHz
#Res BW 120 kHz

#VBW 360 kHz*

Span 22.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.570000000 GHz

Start Freq
2.559000000 GHz

Stop Freq
2.581000000 GHz

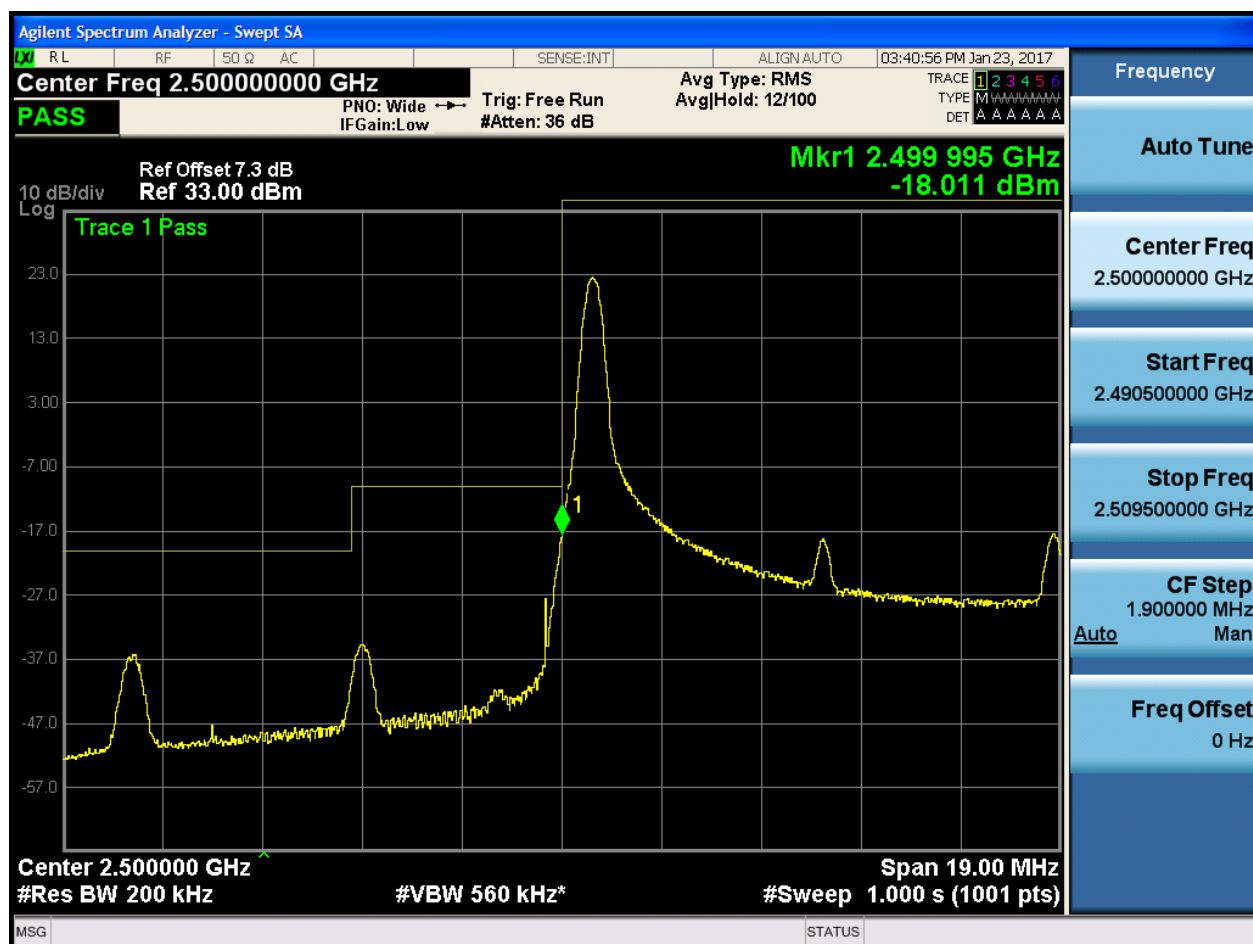
CF Step
2.200000 MHz
Auto Man

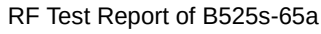
Freq Offset
0 Hz

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:41:14 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#Atten: 36 dB

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

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-36.119 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz
#Res BW 200 kHz #VBW 560 kHz* Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

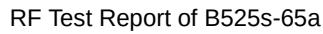
Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:41:32 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-27.185 dBm

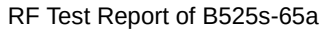
10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz Span 19.00 MHz
#Res BW 200 kHz #VBW 560 kHz #Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq 2.500000000 GHz
Start Freq 2.490500000 GHz
Stop Freq 2.509500000 GHz
CF Step 1.900000 MHz Auto Man
Freq Offset 0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:41:50 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-24.518 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz
#Res BW 200 kHz #VBW 560 kHz* Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

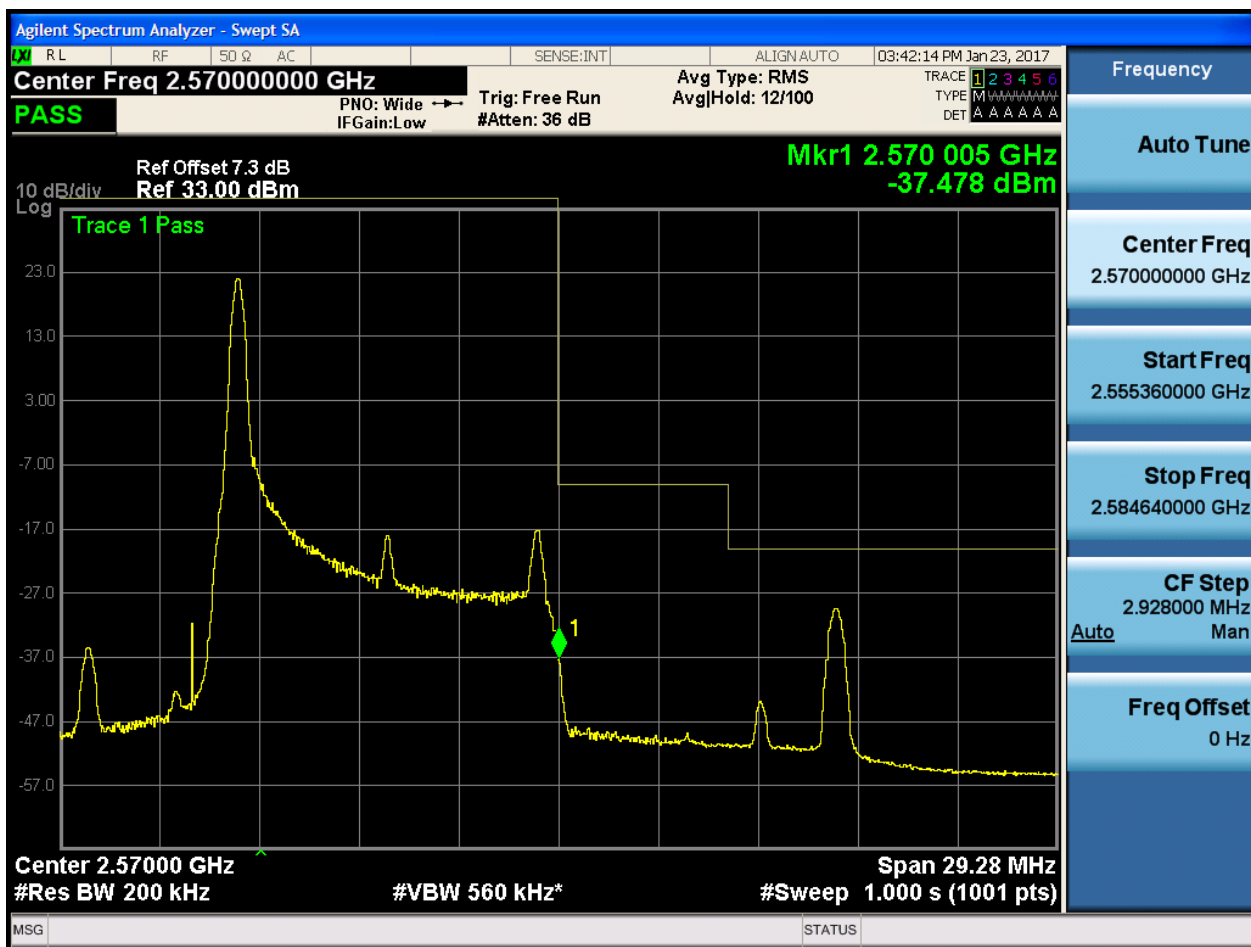
CF Step
1.900000 MHz
Auto Man

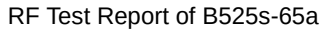
Freq Offset
0 Hz



5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:42:32 PM Jan 23, 2017

Center Freq 2.57000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.570 005 GHz
-17.250 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.57000 GHz
#Res BW 200 kHz #VBW 560 kHz* Span 29.28 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.57000000 GHz

Start Freq
2.555360000 GHz

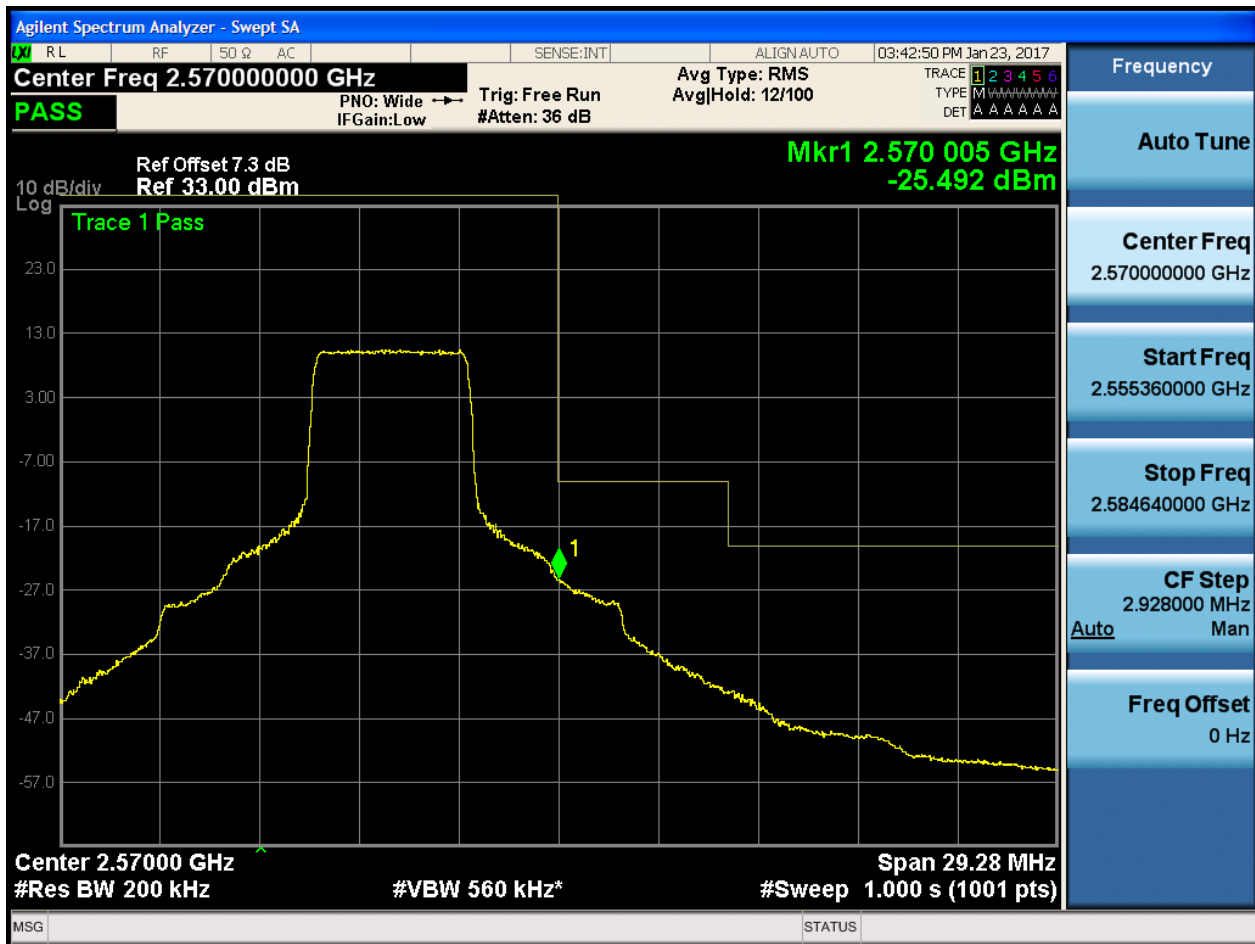
Stop Freq
2.584640000 GHz

CF Step
2.928000 MHz
Auto Man

Freq Offset
0 Hz



5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0

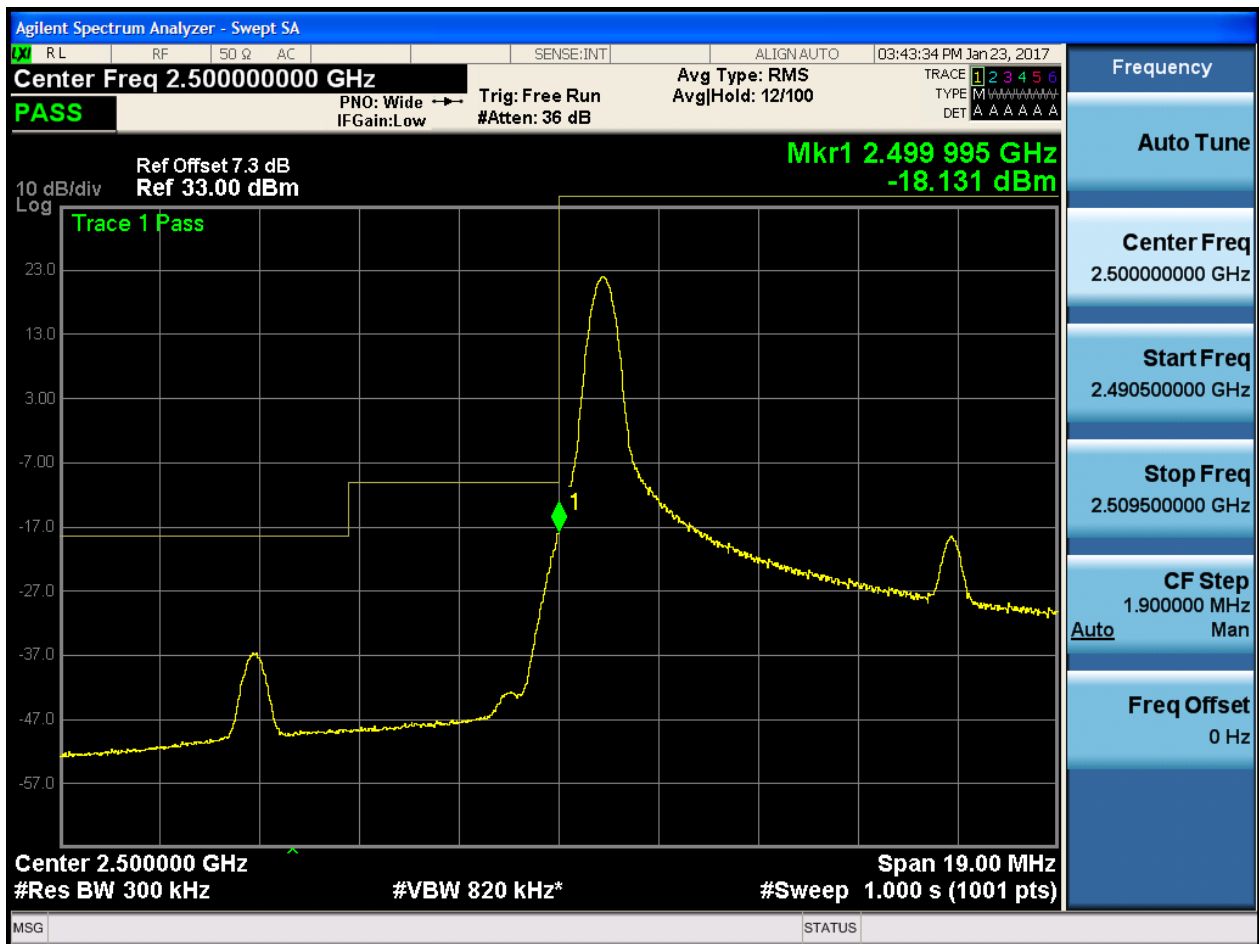


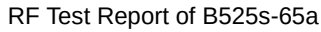


5.1.1.1.3 Test Bandwidth = 15

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:43:52 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
#Res BW 300 kHz PNO: Wide Trig: Free Run AvgHold: 12/100
IFGain:Low #Atten: 36 dB

PASS

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-39.727 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz
#Res BW 300 kHz #VBW 820 kHz* Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

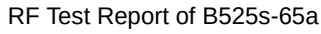
Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 2.50000000 GHz

PASS

Ref Offset 7.3 dB
Ref 33.00 dBm

10 dB/div
Log

Trace 1 Pass

Mkr1 2.499 995 GHz
-29.289 dBm

Center 2.500000 GHz
#Res BW 300 kHz
#VBW 820 kHz*

Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

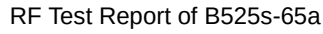
Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:44:29 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-26.928 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz Span 19.00 MHz
#Res BW 300 kHz #VBW 820 kHz #Sweep 1.000 s (1001 pts)

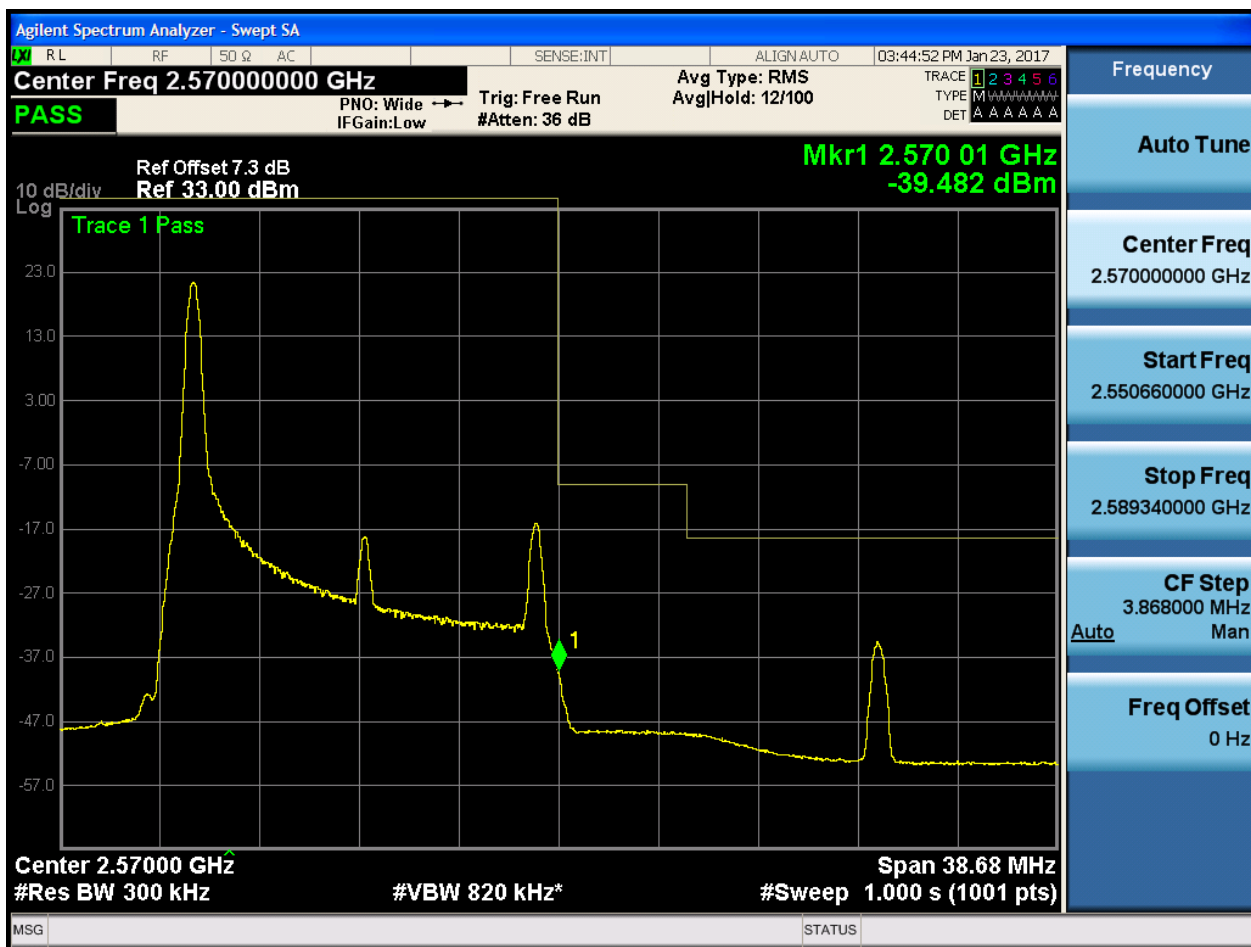
MSG STATUS

Frequency
Auto Tune
Center Freq 2.500000000 GHz
Start Freq 2.490500000 GHz
Stop Freq 2.509500000 GHz
CF Step 1.900000 MHz Auto Man
Freq Offset 0 Hz



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

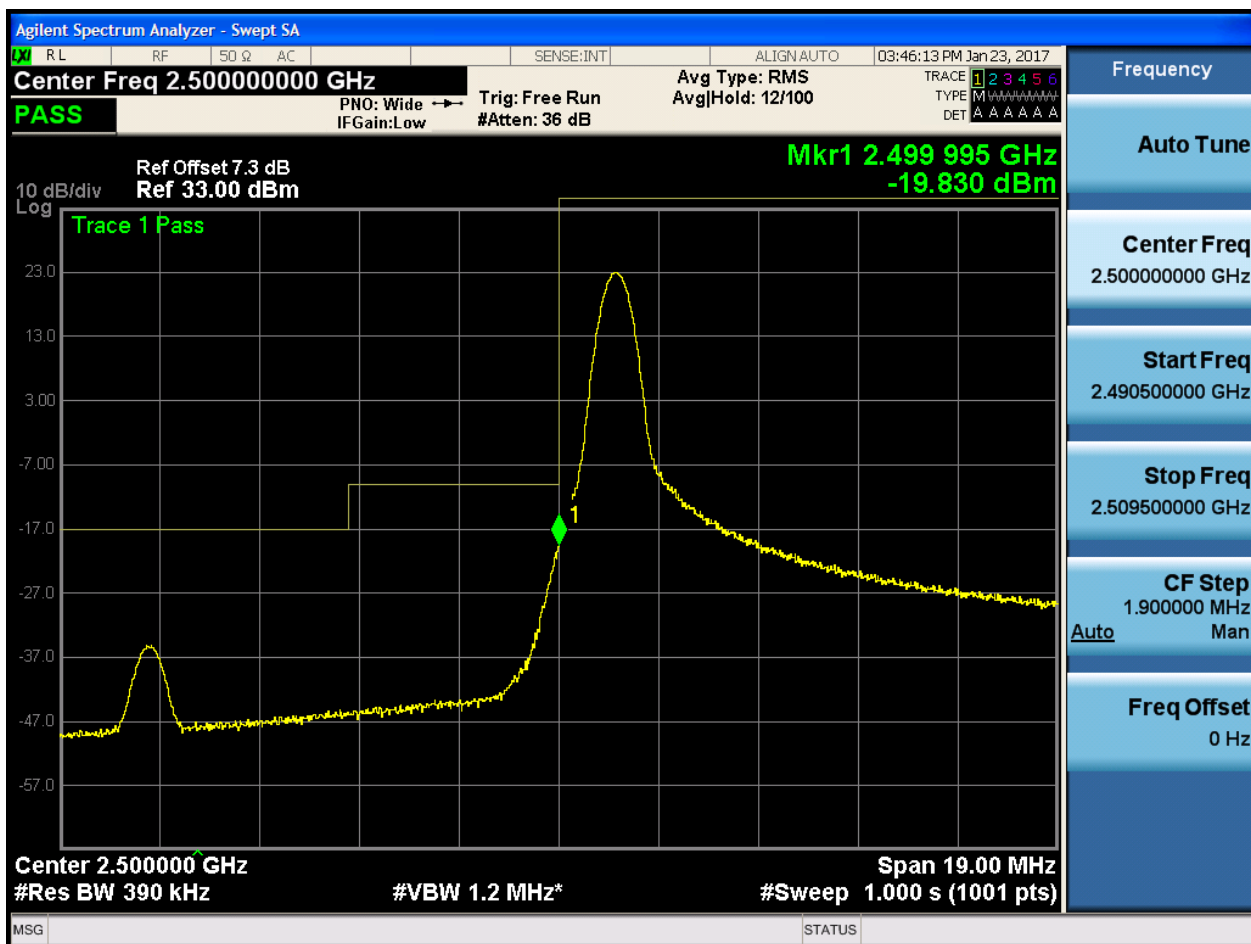




5.1.1.1.4 Test Bandwidth = 20

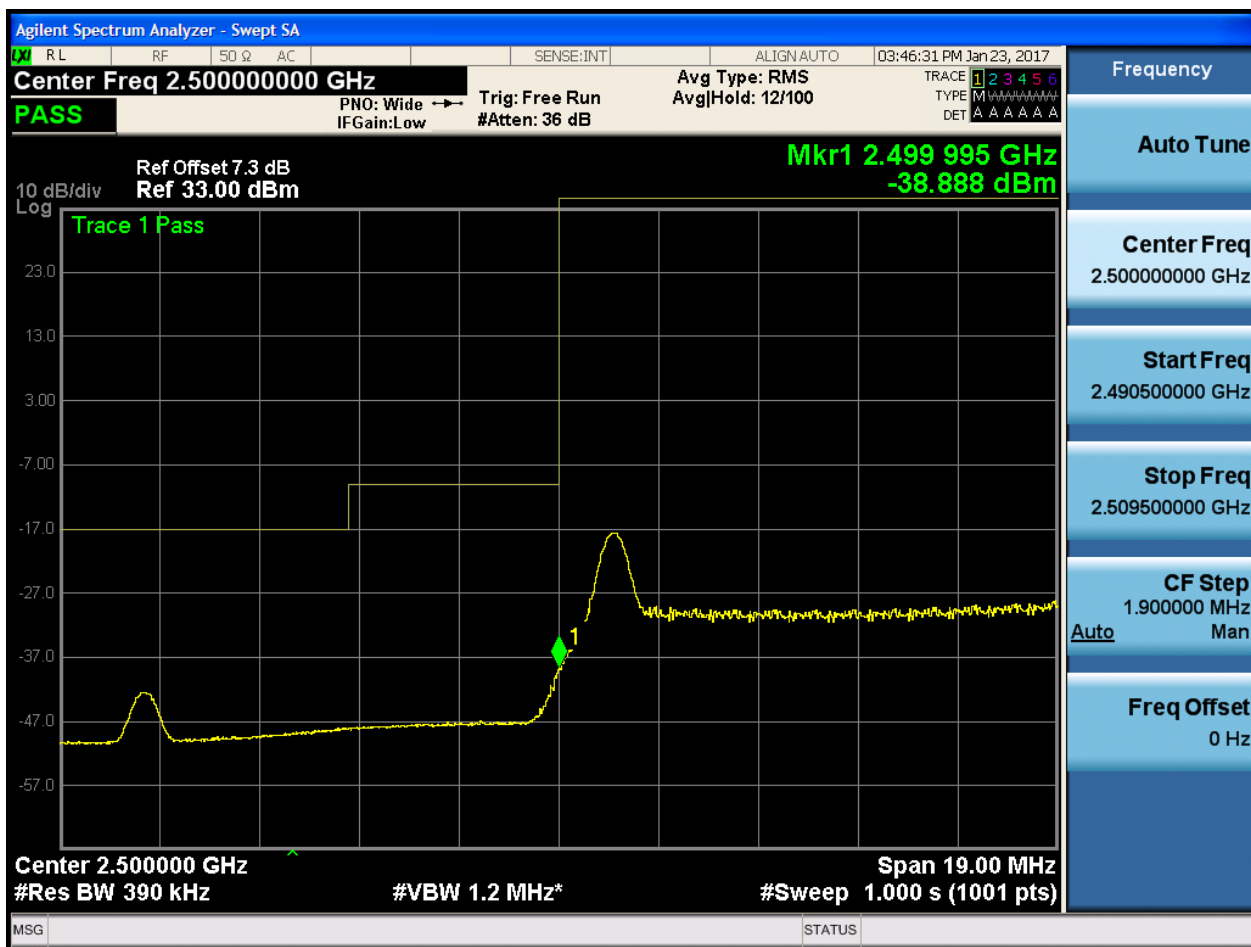
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



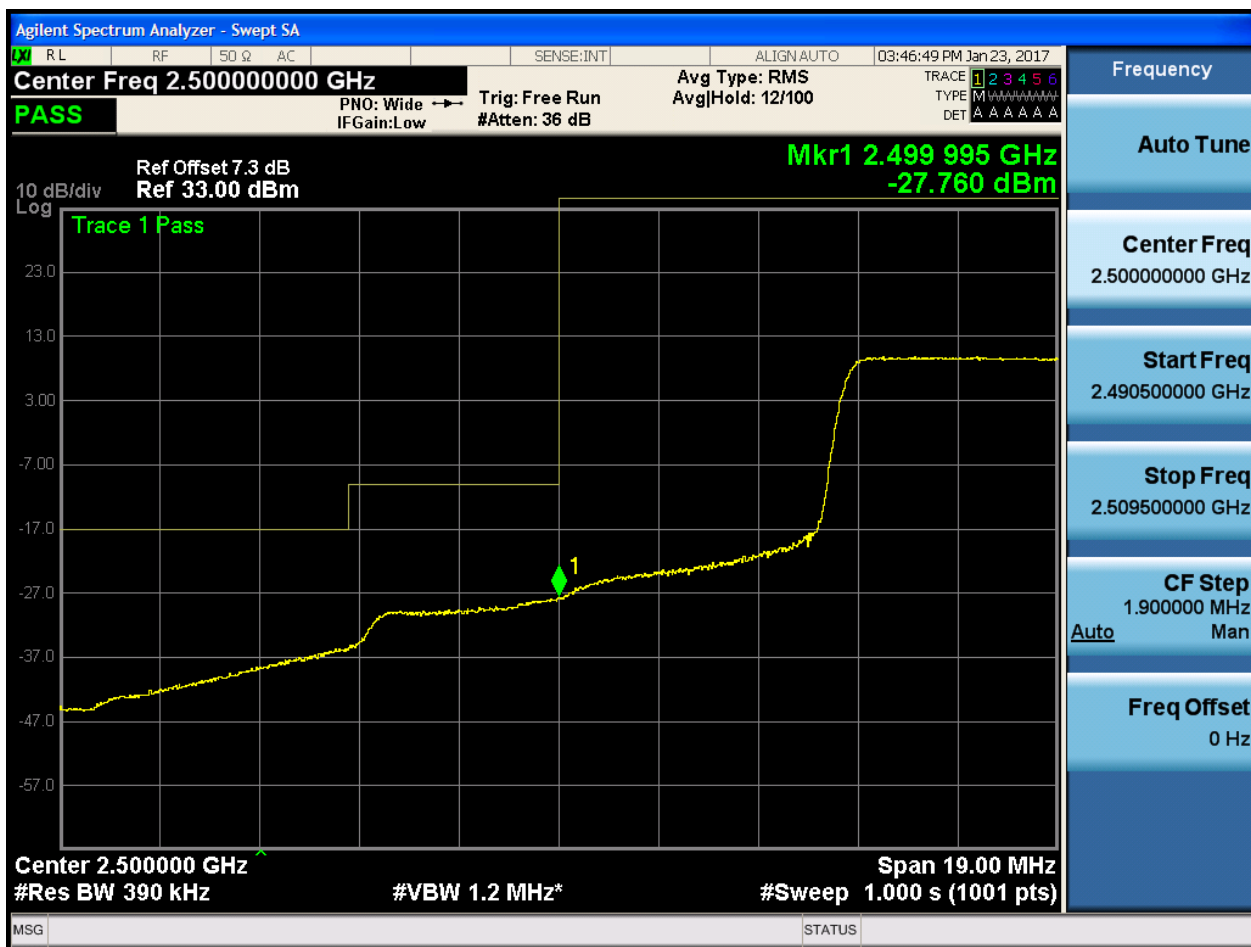


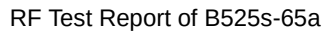
5.1.1.1.4.1.2 Test RB = RB1#99





5.1.1.1.4.1.3 Test RB = RB50#25





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.500000000 GHz

PASS

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-25.872 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz
#Res BW 390 kHz
#VBW 1.2 MHz*

Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

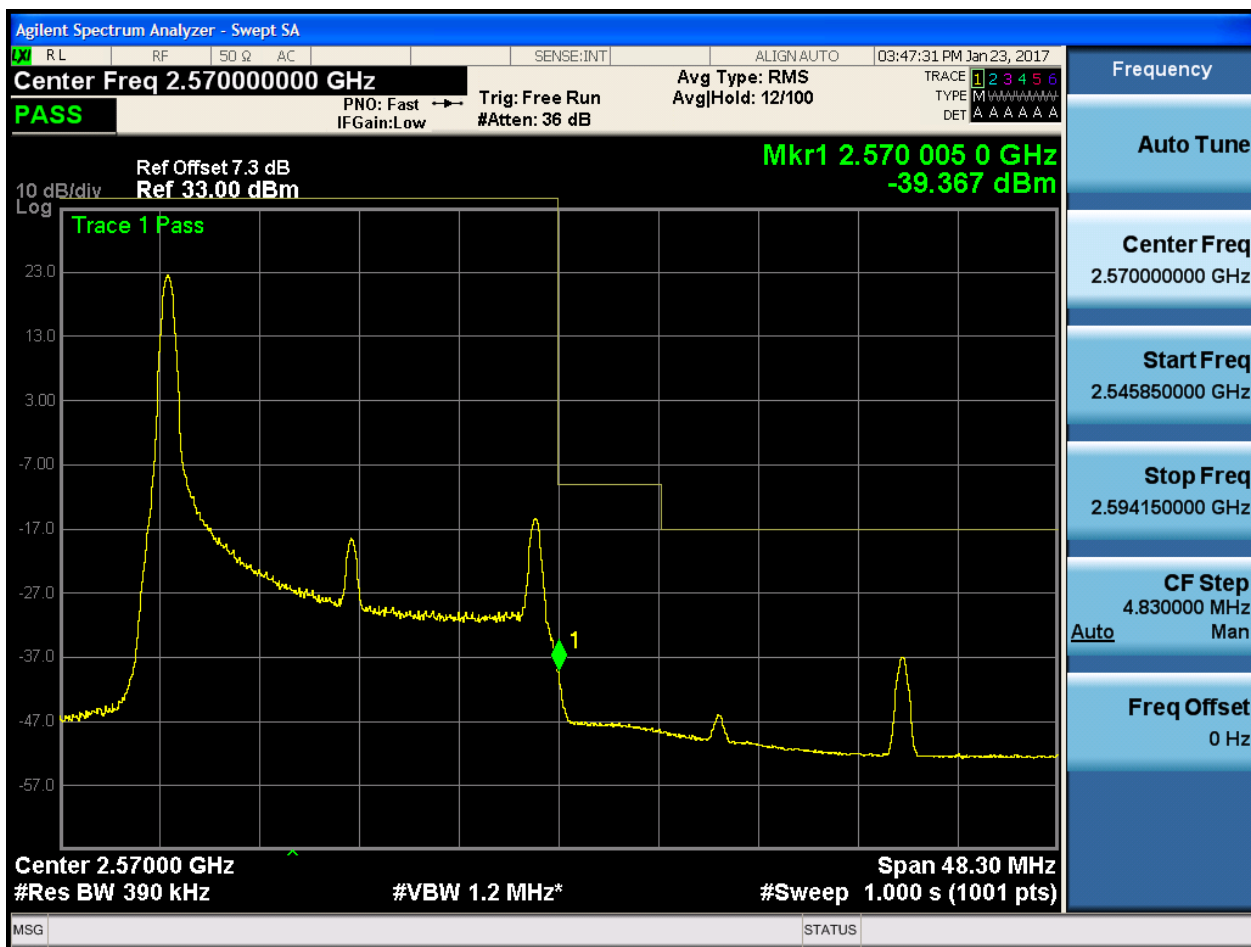
CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz



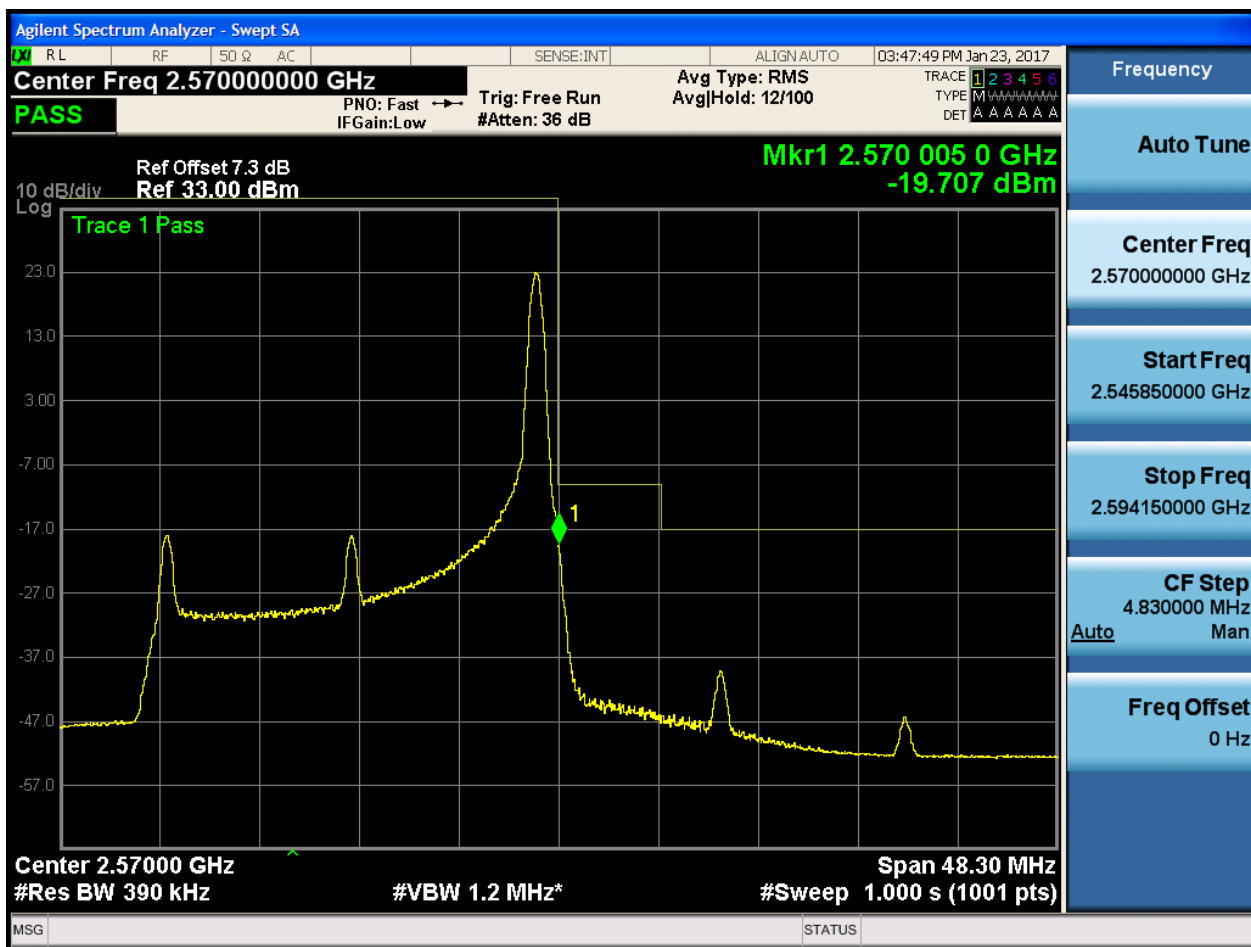
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



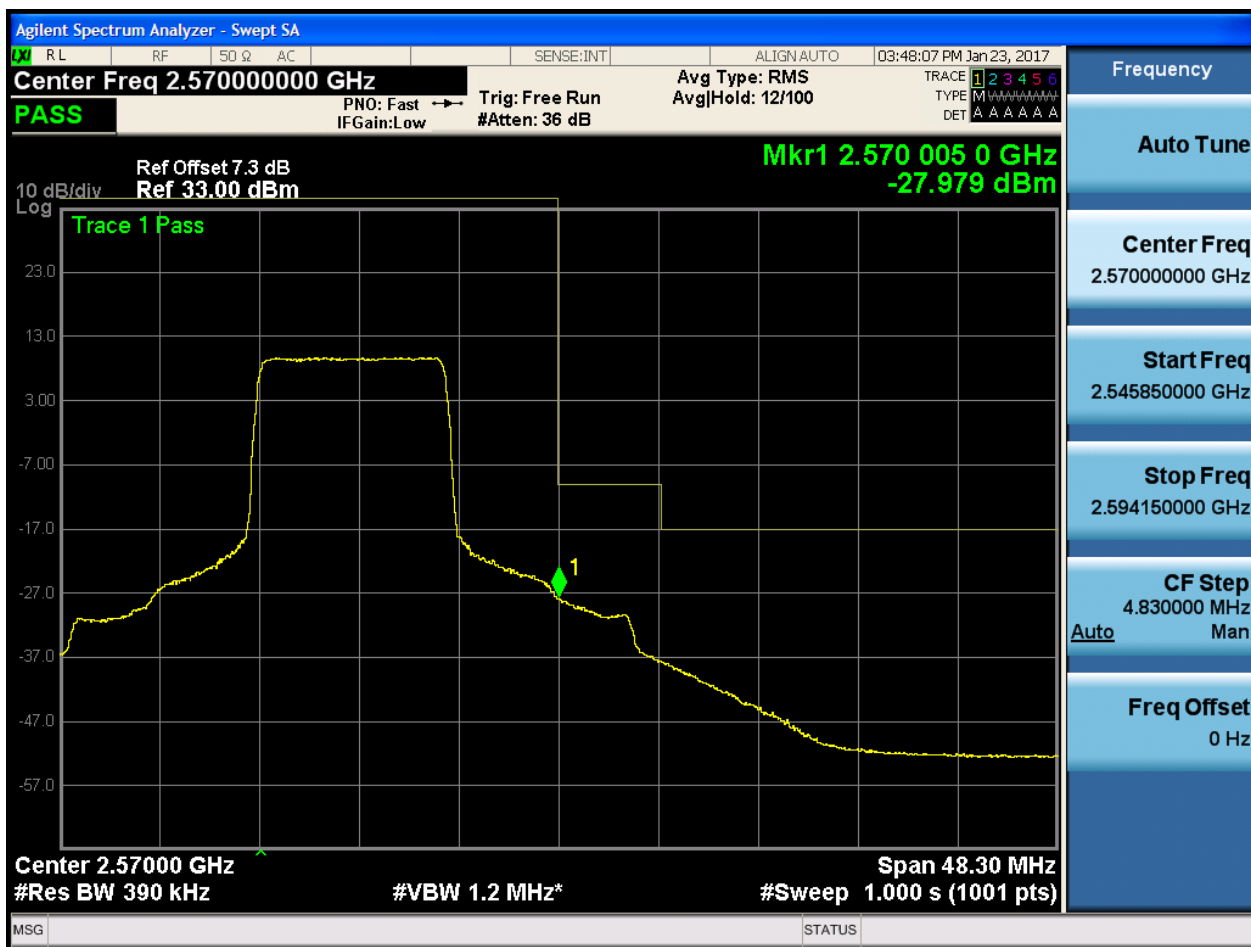


5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



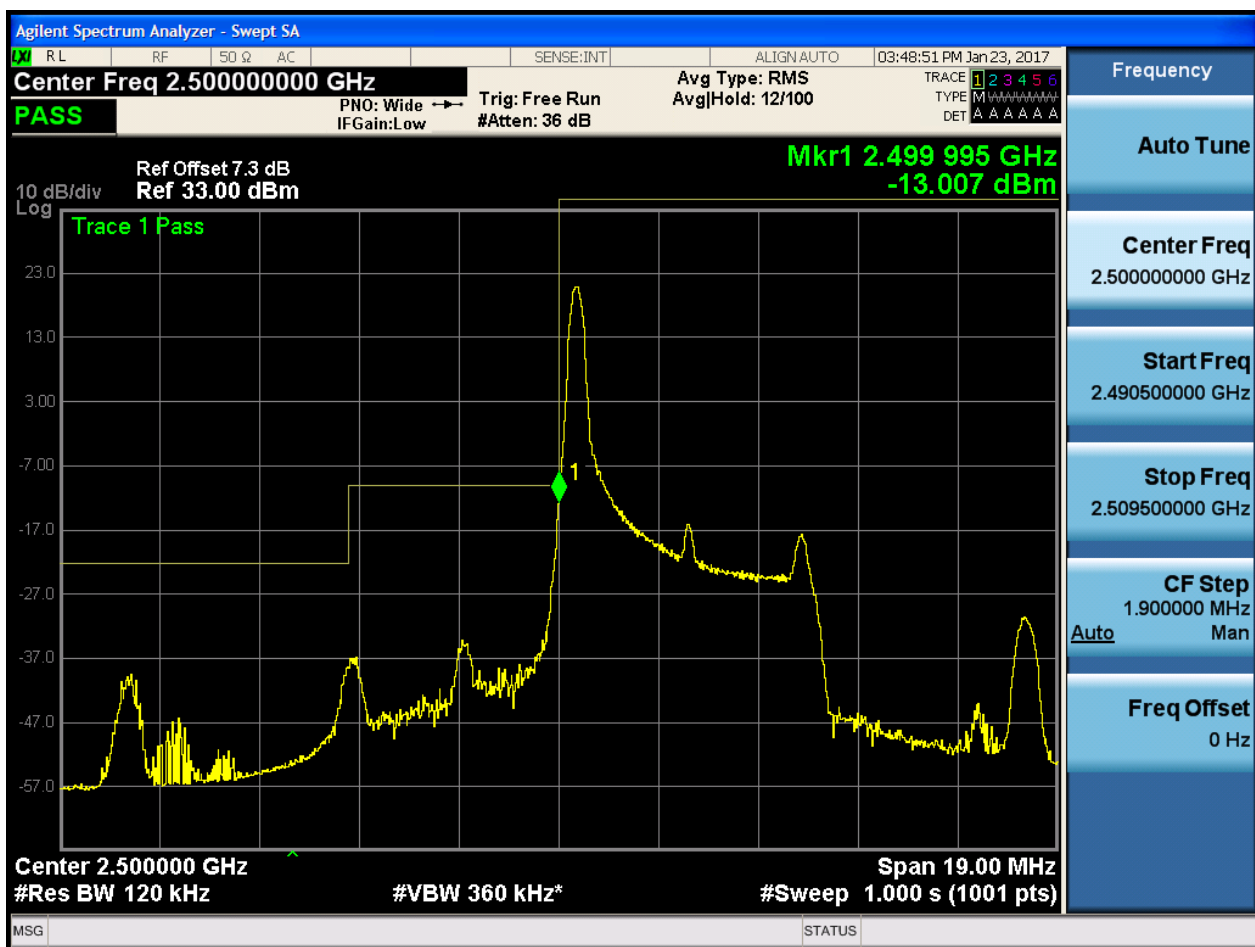


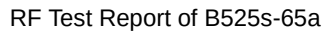
5.1.1.2 Test Mode = LTE/TM2

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





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.500000000 GHz

PASS

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-33.689 dBm

Trace 1 Pass

Center 2.500000 GHz
#Res BW 120 kHz
#VBW 360 kHz*

Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

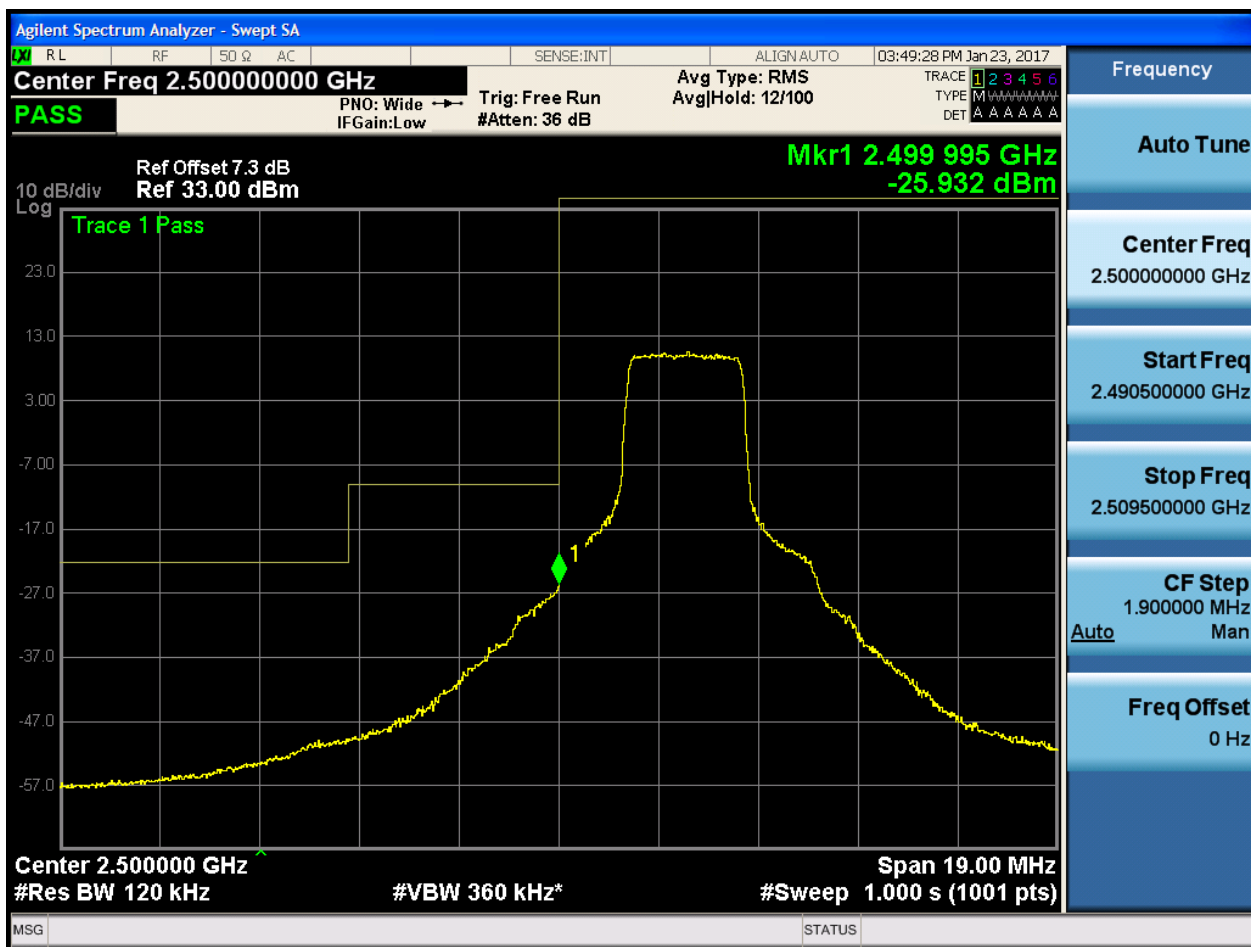
Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz



5.1.1.2.1.1.3 Test RB = RB12#6





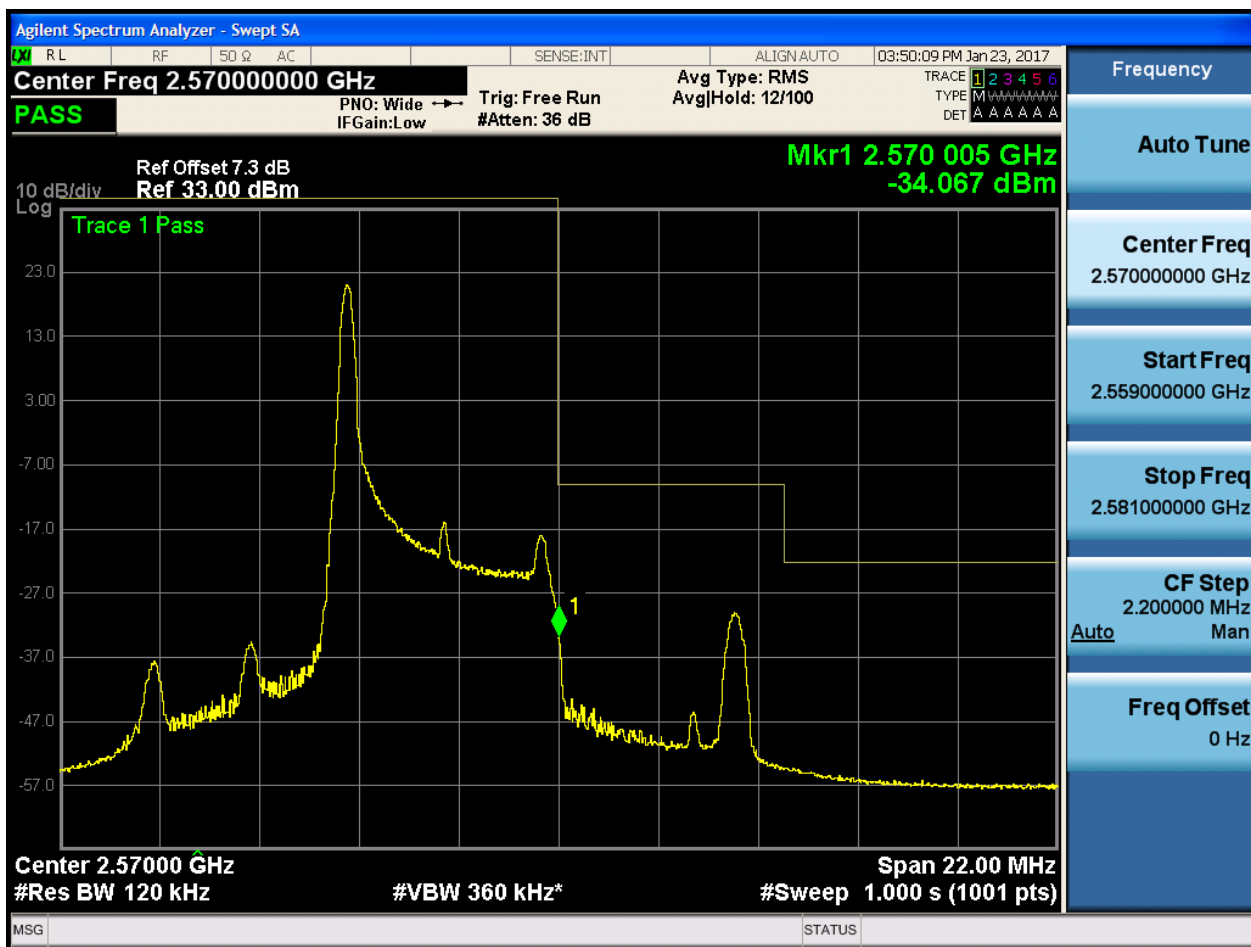
5.1.1.2.1.1.4 Test RB = RB25#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

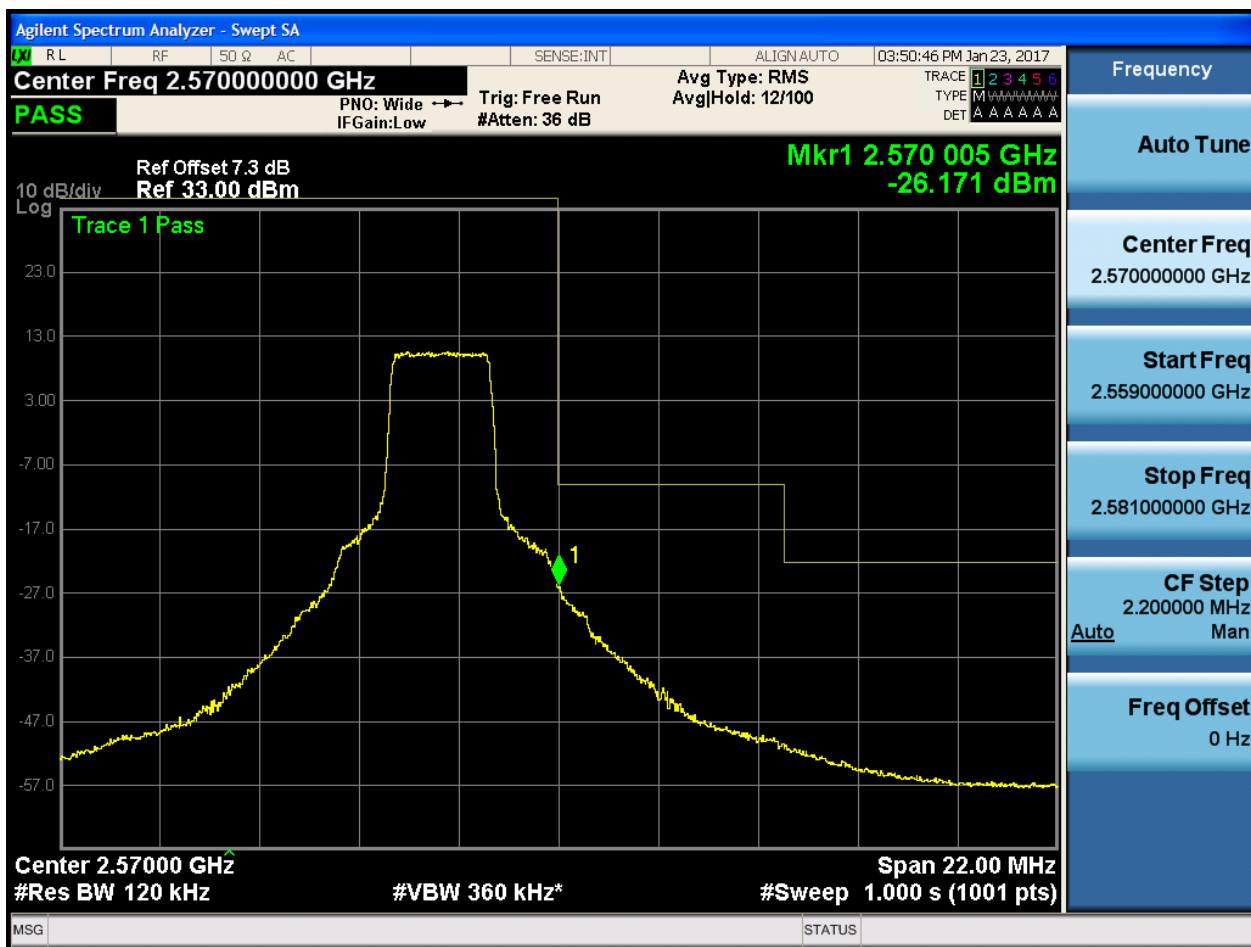


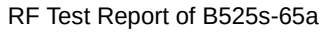


5.1.1.2.1.2.2 Test RB = RB1#24



5.1.1.2.1.2.3 Test RB = RB12#6





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:51:04 PM Jan 23, 2017

Center Freq 2.570000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.570 005 GHz
-22.997 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.57000 GHz
#Res BW 120 kHz

#VBW 360 kHz*

Span 22.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.570000000 GHz

Start Freq
2.559000000 GHz

Stop Freq
2.581000000 GHz

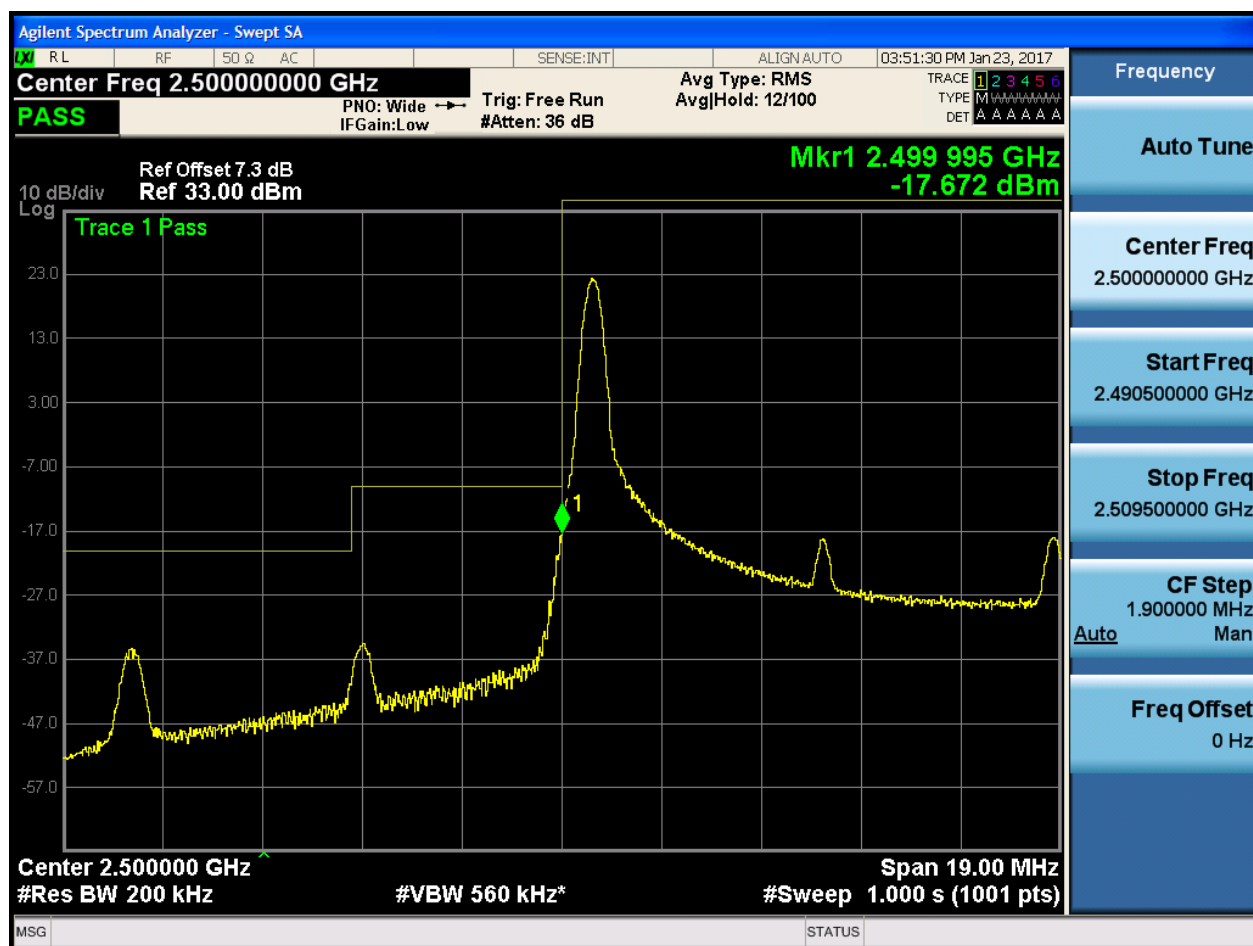
CF Step
2.200000 MHz
Auto Man

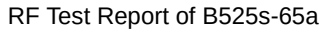
Freq Offset
0 Hz

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:51:48 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-36.367 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz
#Res BW 200 kHz

#VBW 560 kHz*

Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

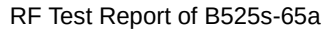
Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:52:06 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-27.736 dBm

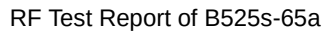
10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz Span 19.00 MHz
#Res BW 200 kHz #VBW 560 kHz* #Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq
2.500000000 GHz
Start Freq
2.490500000 GHz
Stop Freq
2.509500000 GHz
CF Step
1.900000 MHz
Auto Man
Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:52:24 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-25.280 dBm

10 dB/div
Log

Trace 1 Pass

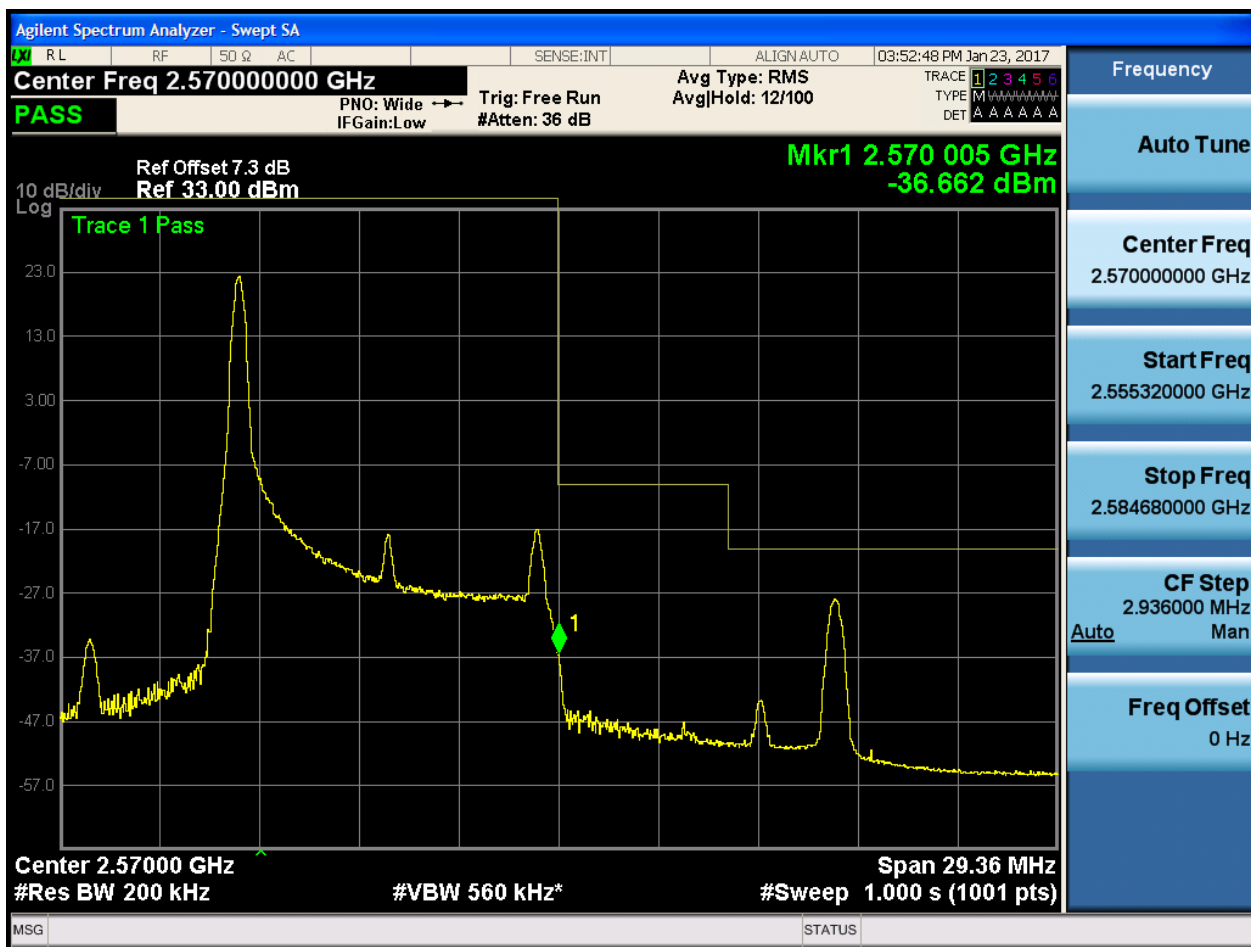
Center 2.500000 GHz Span 19.00 MHz
#Res BW 200 kHz #VBW 560 kHz* #Sweep 1.000 s (1001 pts)

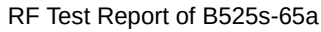
MSG STATUS



5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:53:06 PM Jan 23, 2017

Center Freq 2.570000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
TRACE 1 2 3 4 5 6
TYPE M W W W W W W W W W
DET A A A A A A

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.570 005 GHz
-16.170 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.57000 GHz
#Res BW 200 kHz #VBW 560 kHz* #Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.570000000 GHz

Start Freq
2.555320000 GHz

Stop Freq
2.584680000 GHz

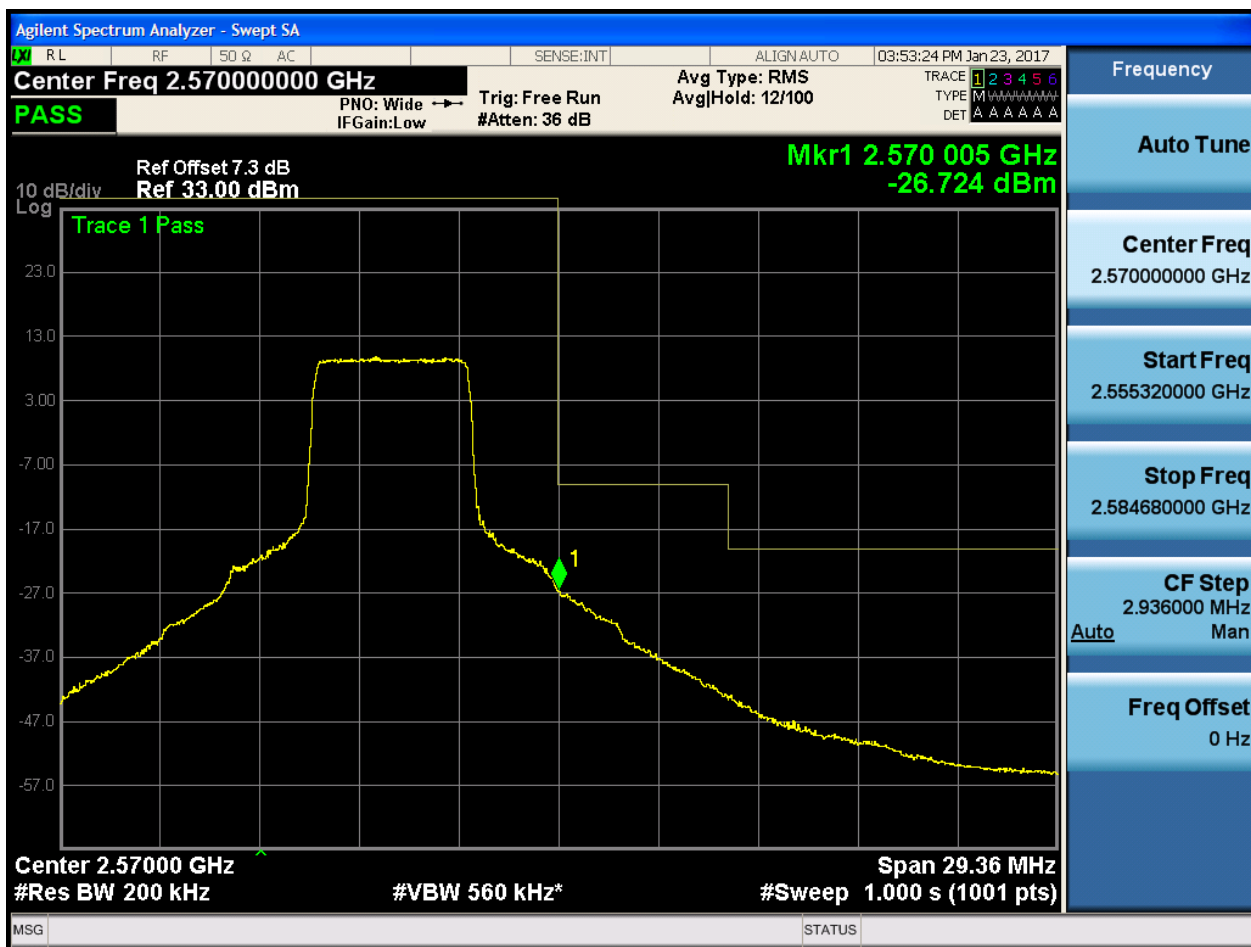
CF Step
2.936000 MHz
Auto Man

Freq Offset
0 Hz

MSG STATUS



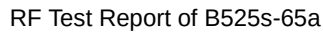
5.1.1.2.2.3 Test RB = RB25#13



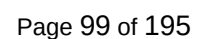


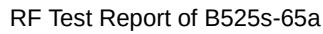
5.1.1.2.2.4 Test RB = RB50#0





5.1.1.2.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:54:26 PM Jan 23, 2017

Center Freq 2.500000000 GHz Avg Type: RMS
PASS PNO: Wide Trig: Free Run Avg/Hold: 12/100
IFGain:Low #Atten: 36 dB

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

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-39.614 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz
#Res BW 300 kHz
#VBW 820 kHz*
Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz

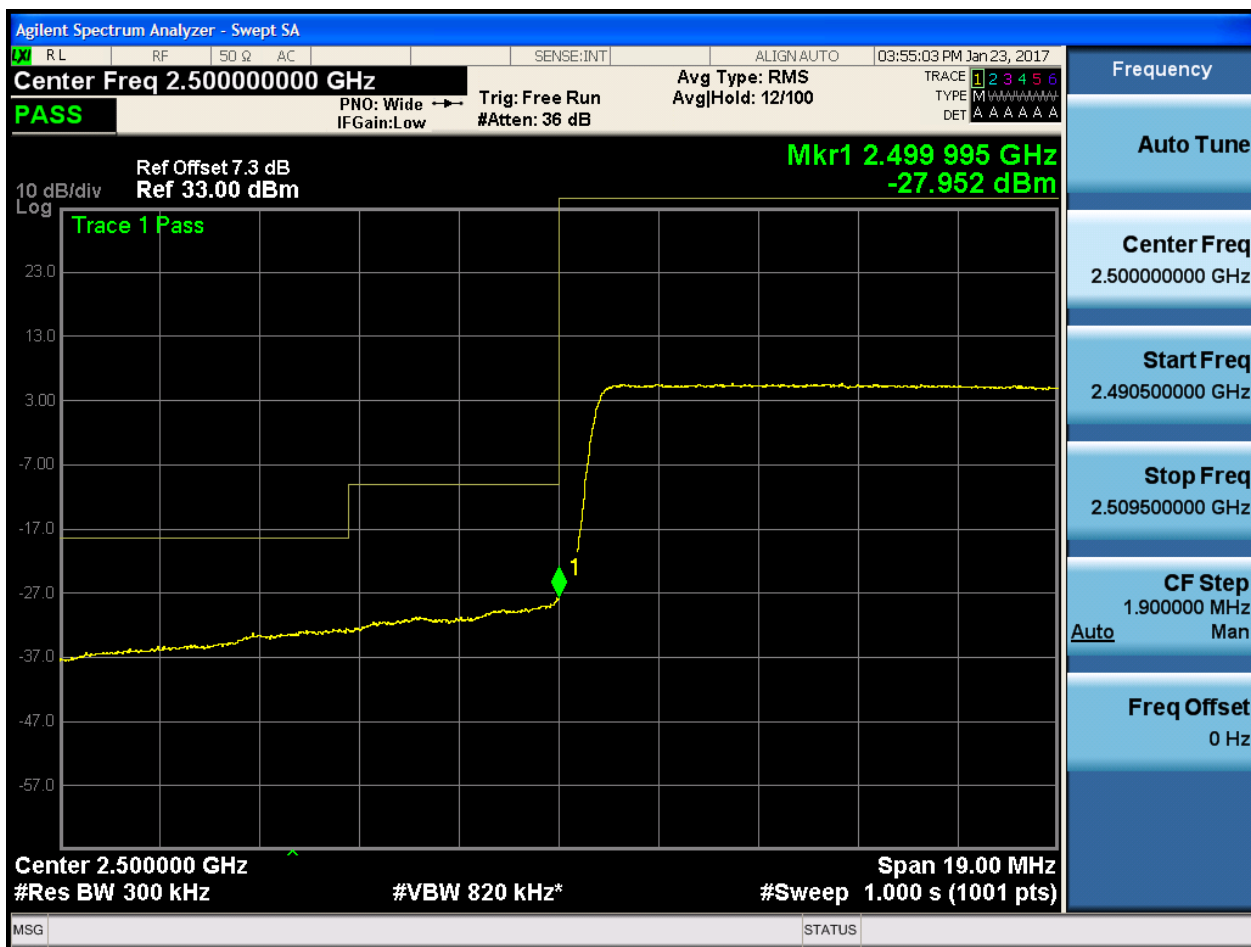


5.1.1.2.3.1.3 Test RB = RB36#18





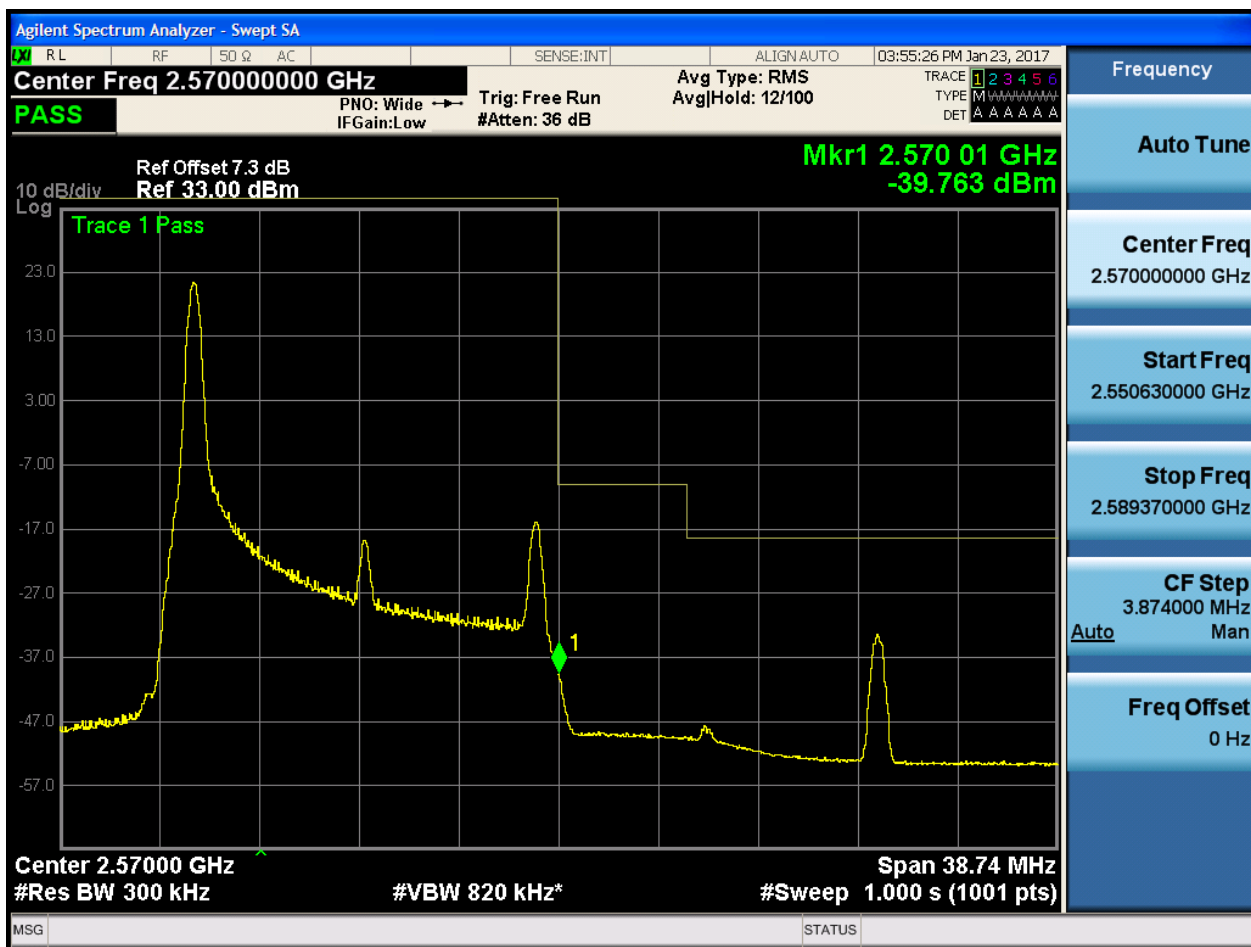
5.1.1.2.3.1.4 Test RB = RB75#0



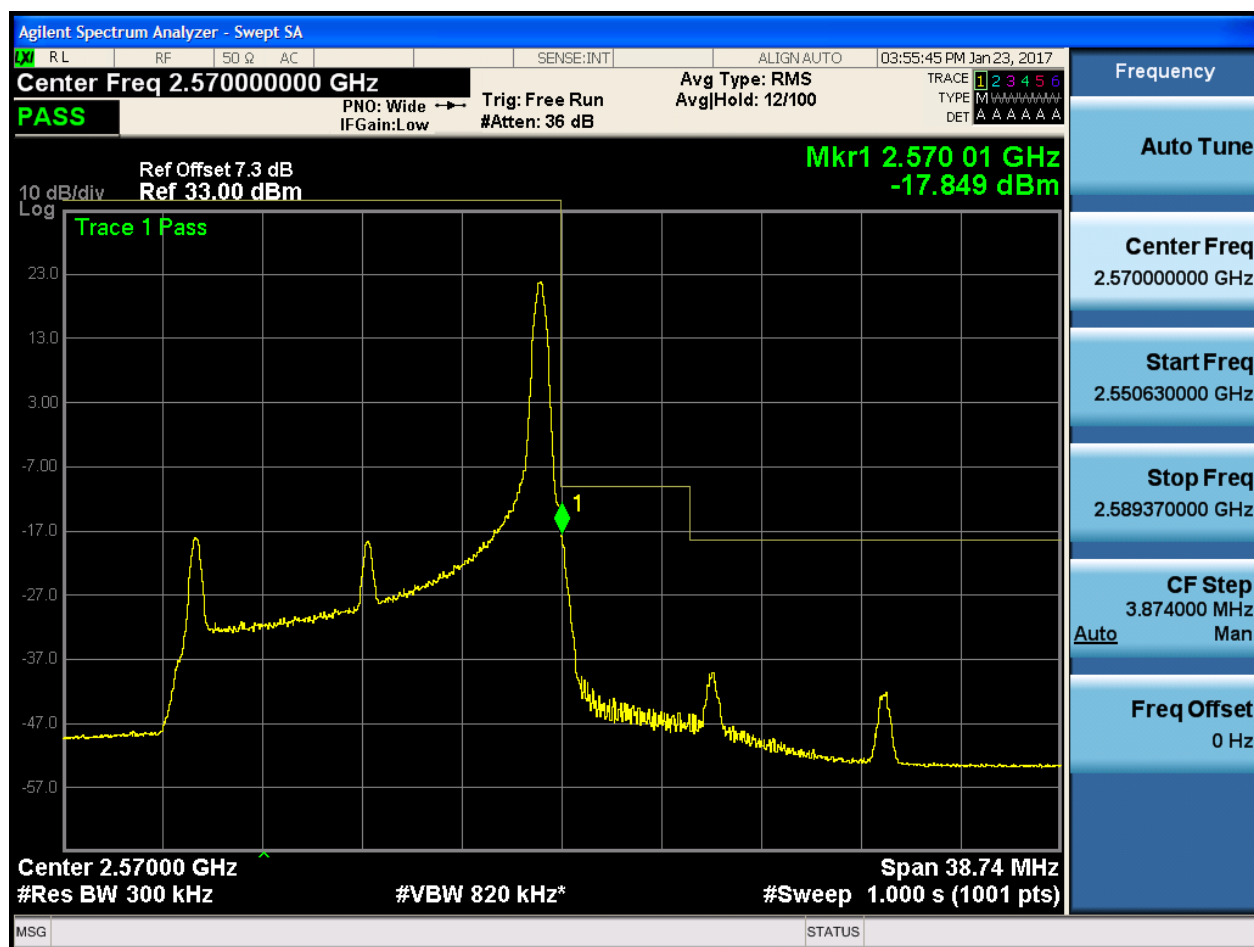


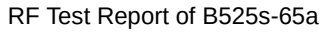
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



5.1.1.2.3.2.2 Test RB = RB1#74





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:56:03 PM Jan 23, 2017

Center Freq 2.57000000 GHz Avg Type: RMS
PASS PNO: Wide IFGain:Low Trig: Free Run AvgHold: 12/100
#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 7.3 dB
Ref 33.00 dBm

Mkr1 2.570 01 GHz
-30.388 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.57000 GHz
#Res BW 300 kHz

#VBW 820 kHz*

Span 38.74 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
2.57000000 GHz

Start Freq
2.550630000 GHz

Stop Freq
2.589370000 GHz

CF Step
3.874000 MHz
Auto Man

Freq Offset
0 Hz



5.1.1.2.3.2.4 Test RB = RB75#0

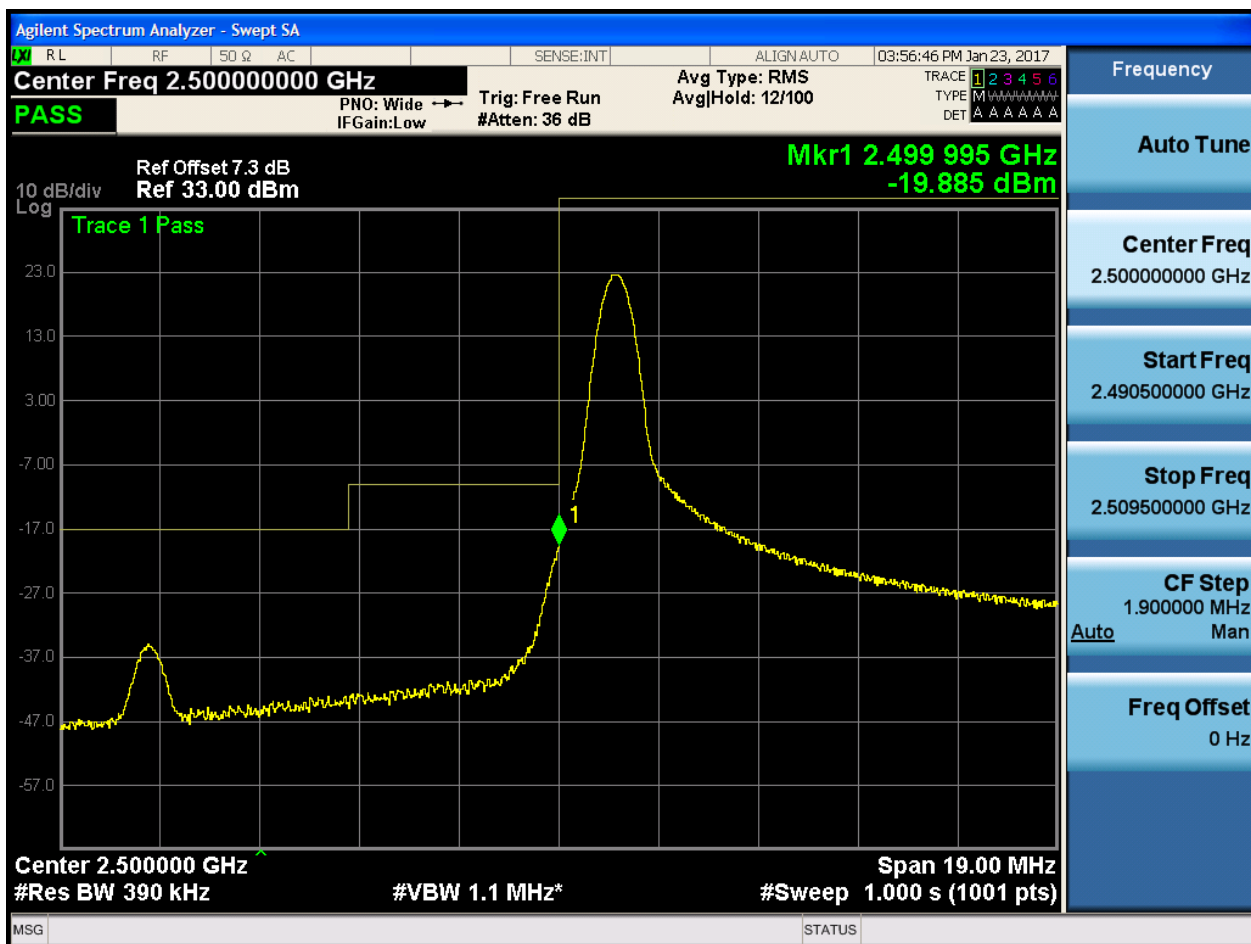




5.1.1.2.4 Test Bandwidth = 20

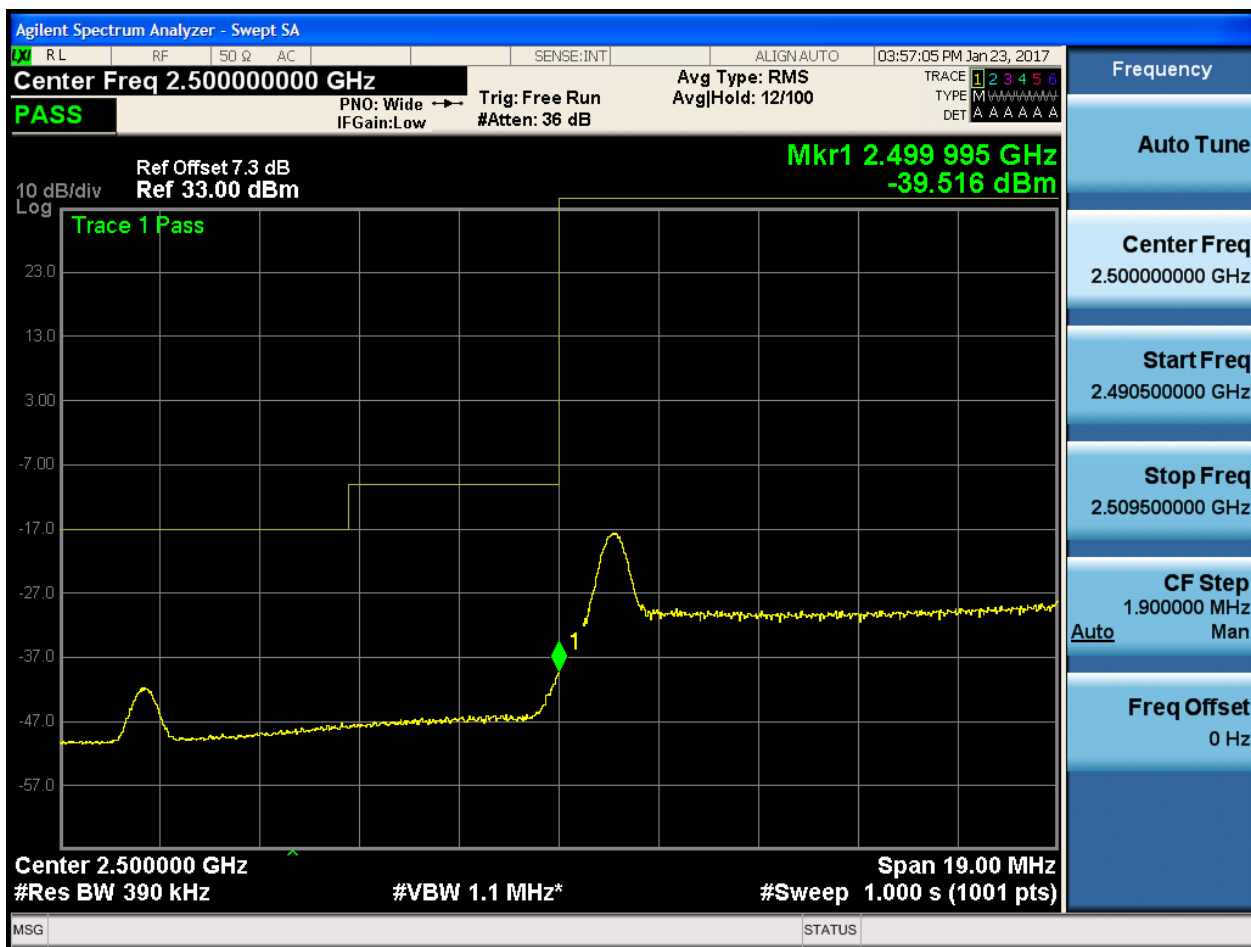
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0

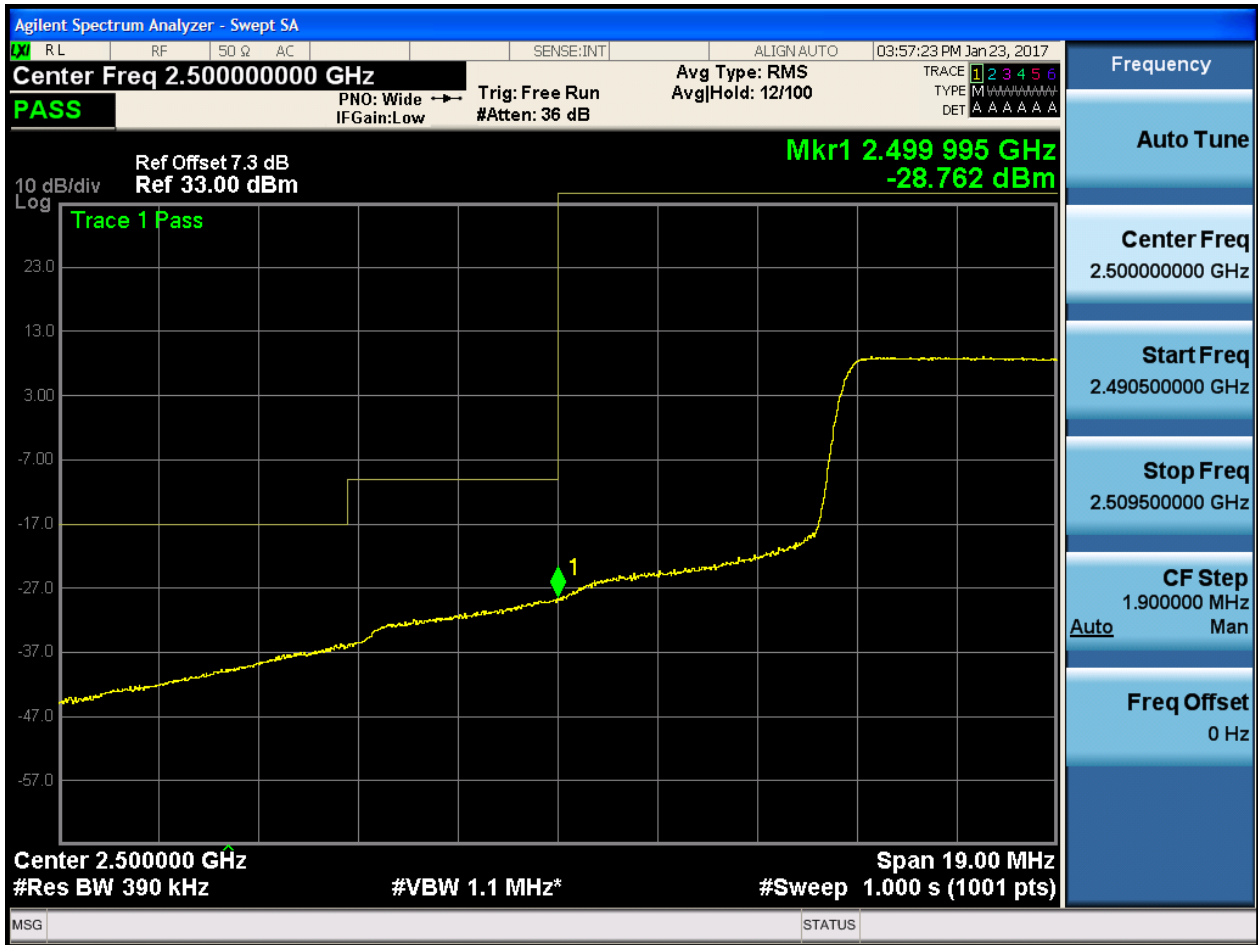


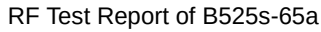


5.1.1.2.4.1.2 Test RB = RB1#99



5.1.1.2.4.1.3 Test RB = RB50#25





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.500000000 GHz

PASS

Ref Offset 7.3 dB
Ref 33.00 dBm

Mkr1 2.499 995 GHz
-27.232 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.500000 GHz
#Res BW 390 kHz
#VBW 1.1 MHz*

Span 19.00 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.500000000 GHz

Start Freq
2.490500000 GHz

Stop Freq
2.509500000 GHz

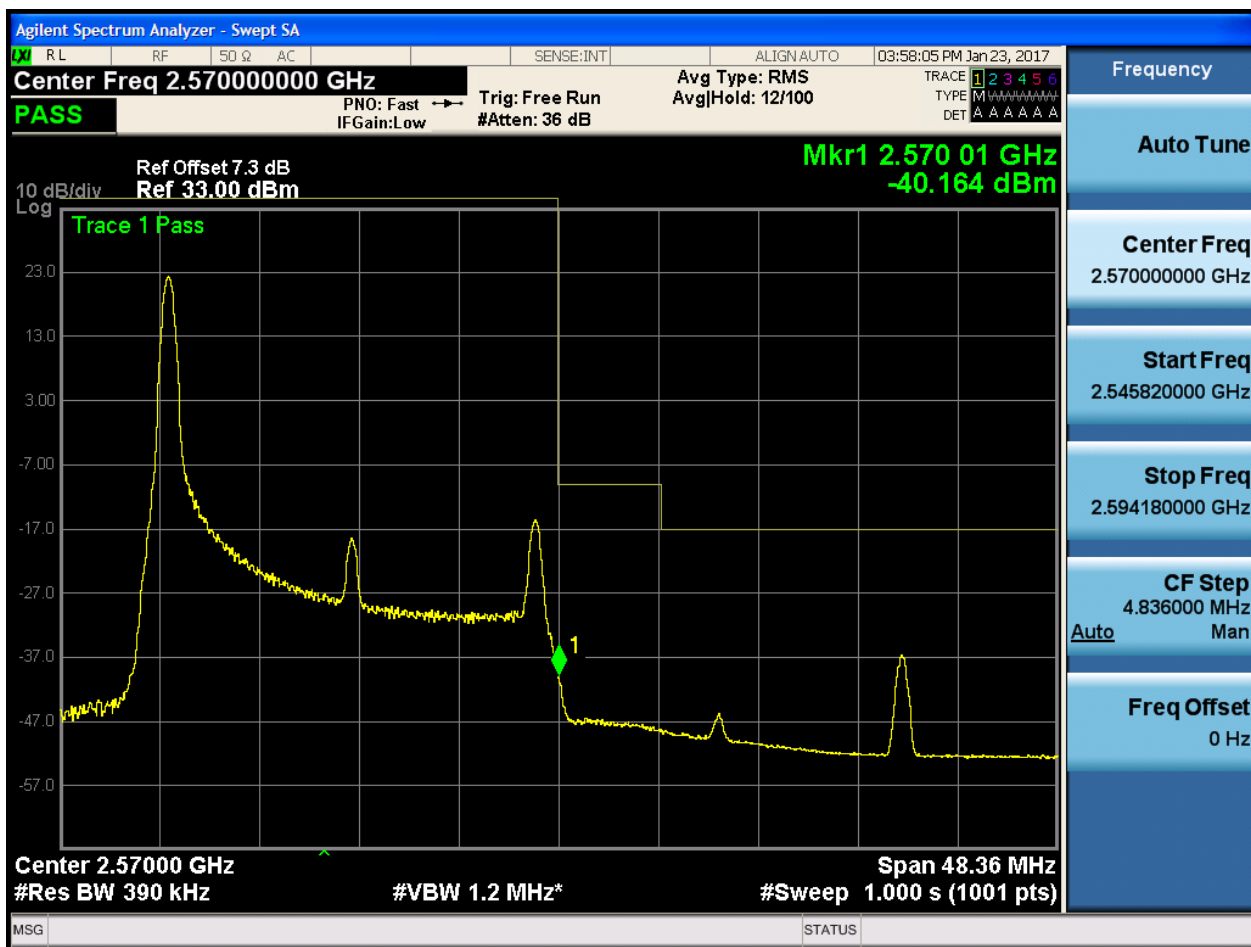
CF Step
1.900000 MHz
Auto Man

Freq Offset
0 Hz



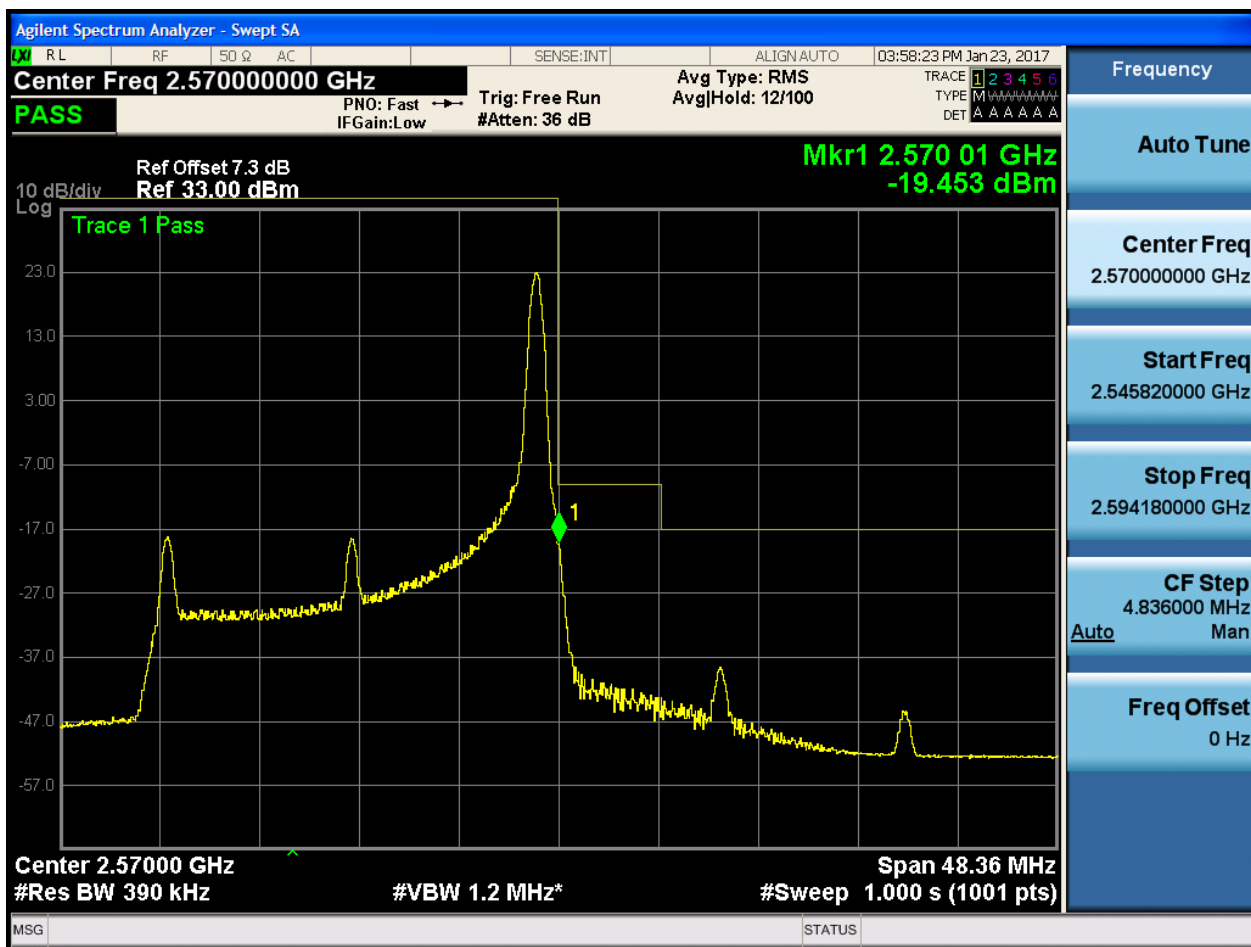
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



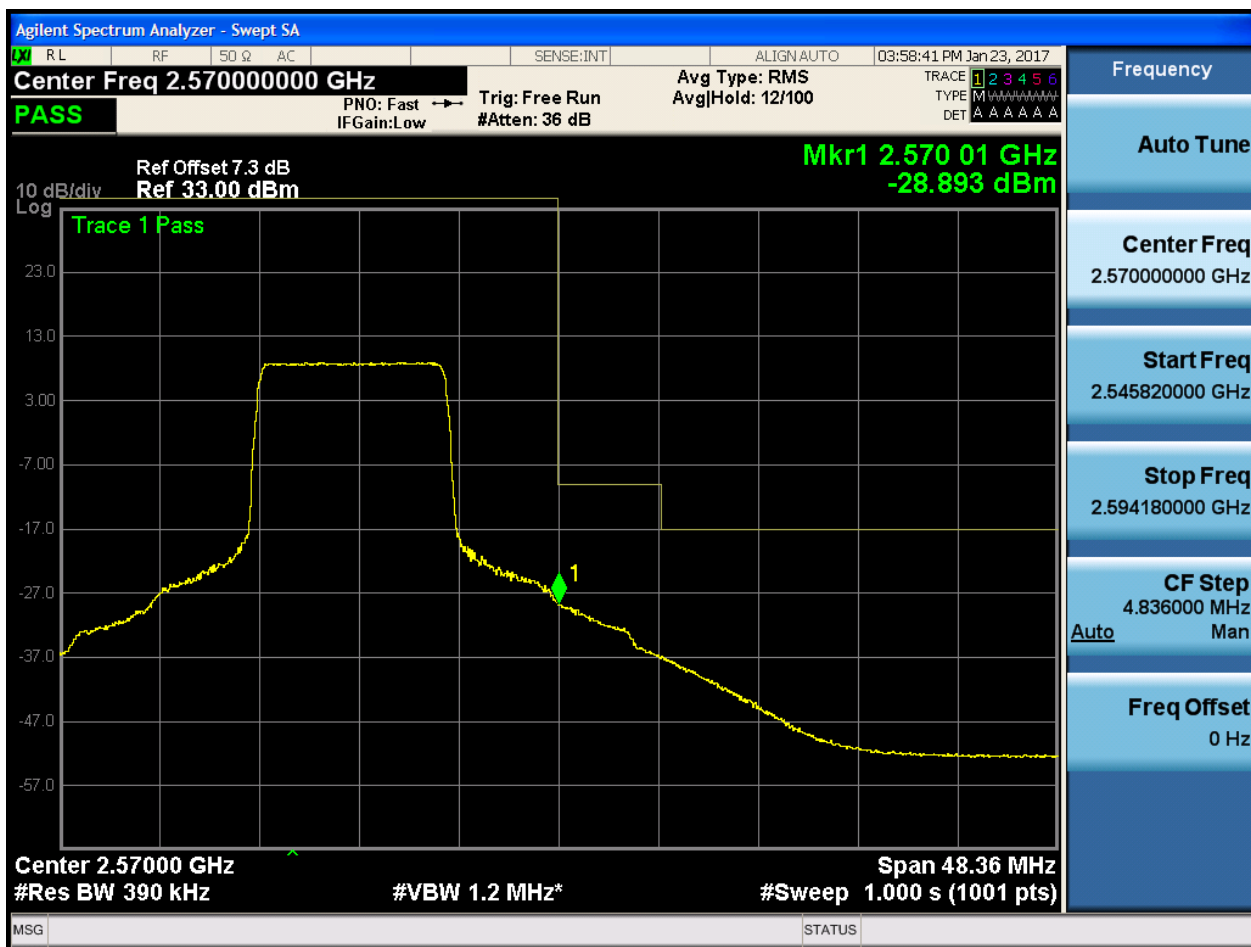


5.1.1.2.4.2.2 Test RB = RB1#99





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

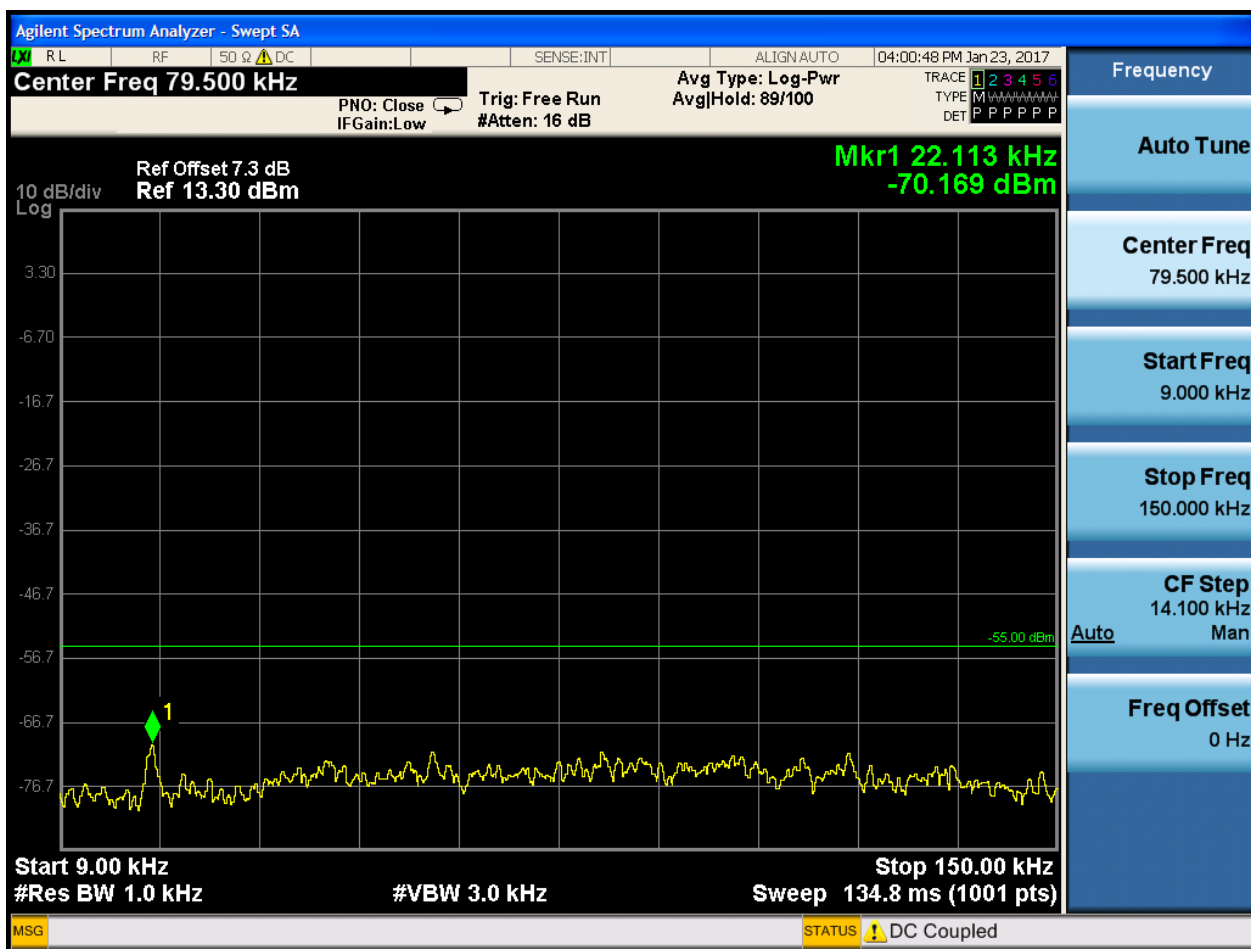
6.1.1 Test Band = BAND7

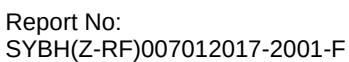
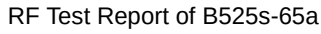
6.1.1.1 Test Mode = LTE/TM1

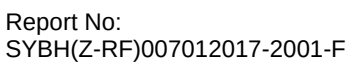
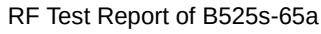
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

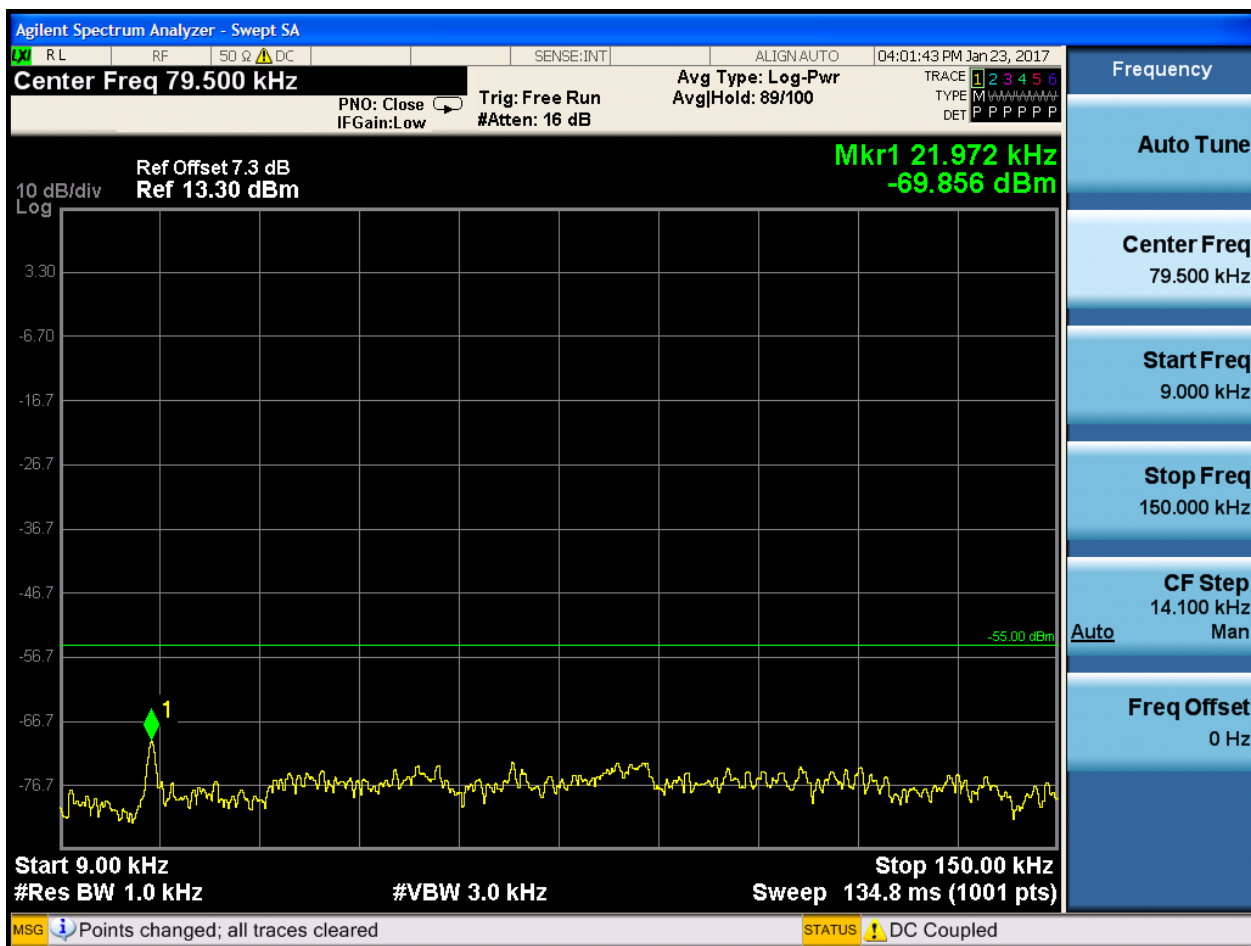


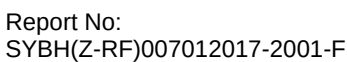
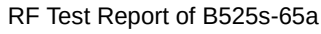


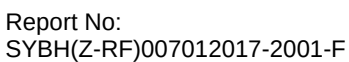
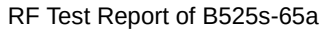


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

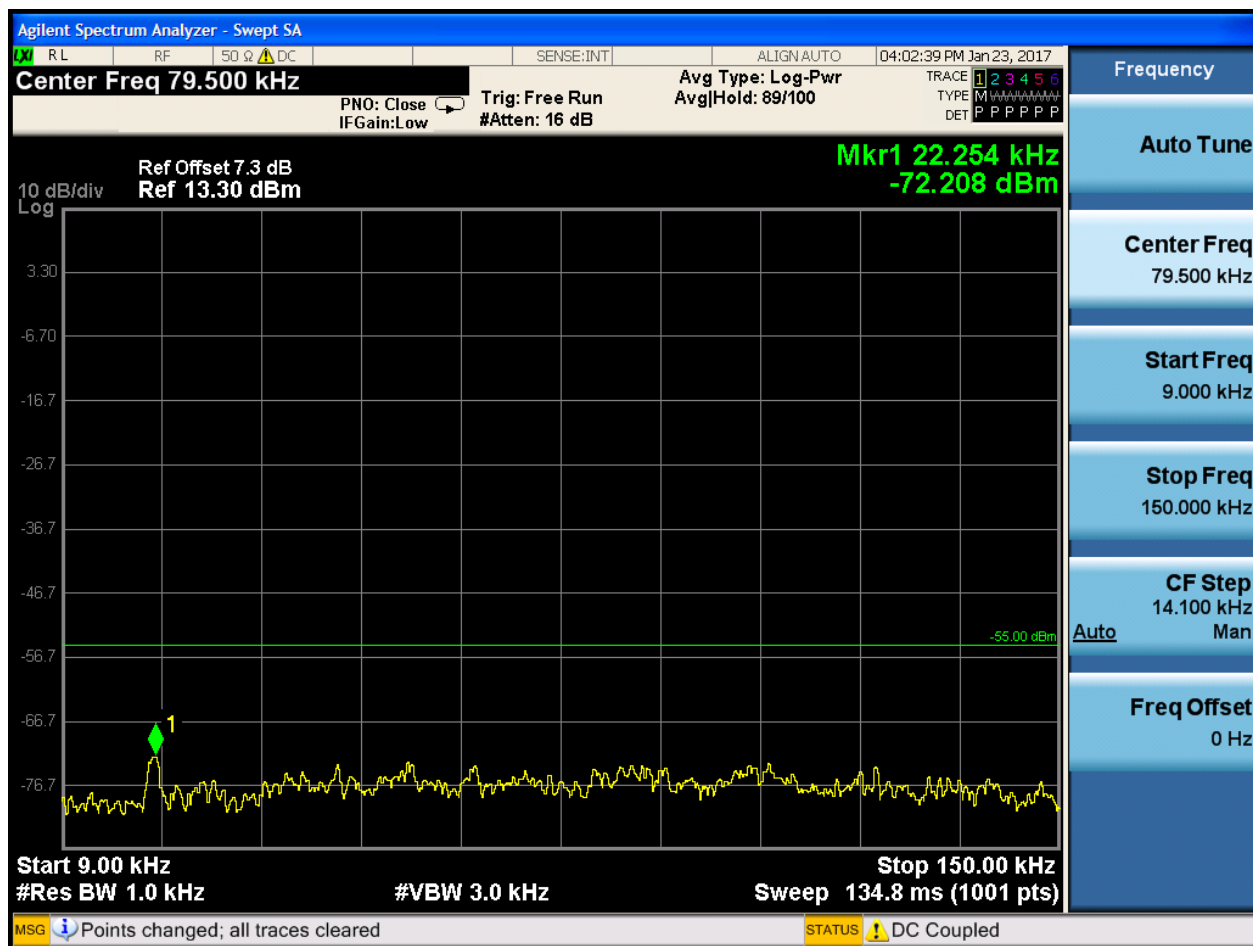


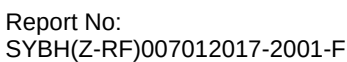
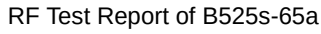


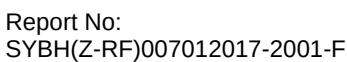
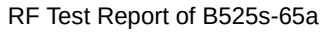


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





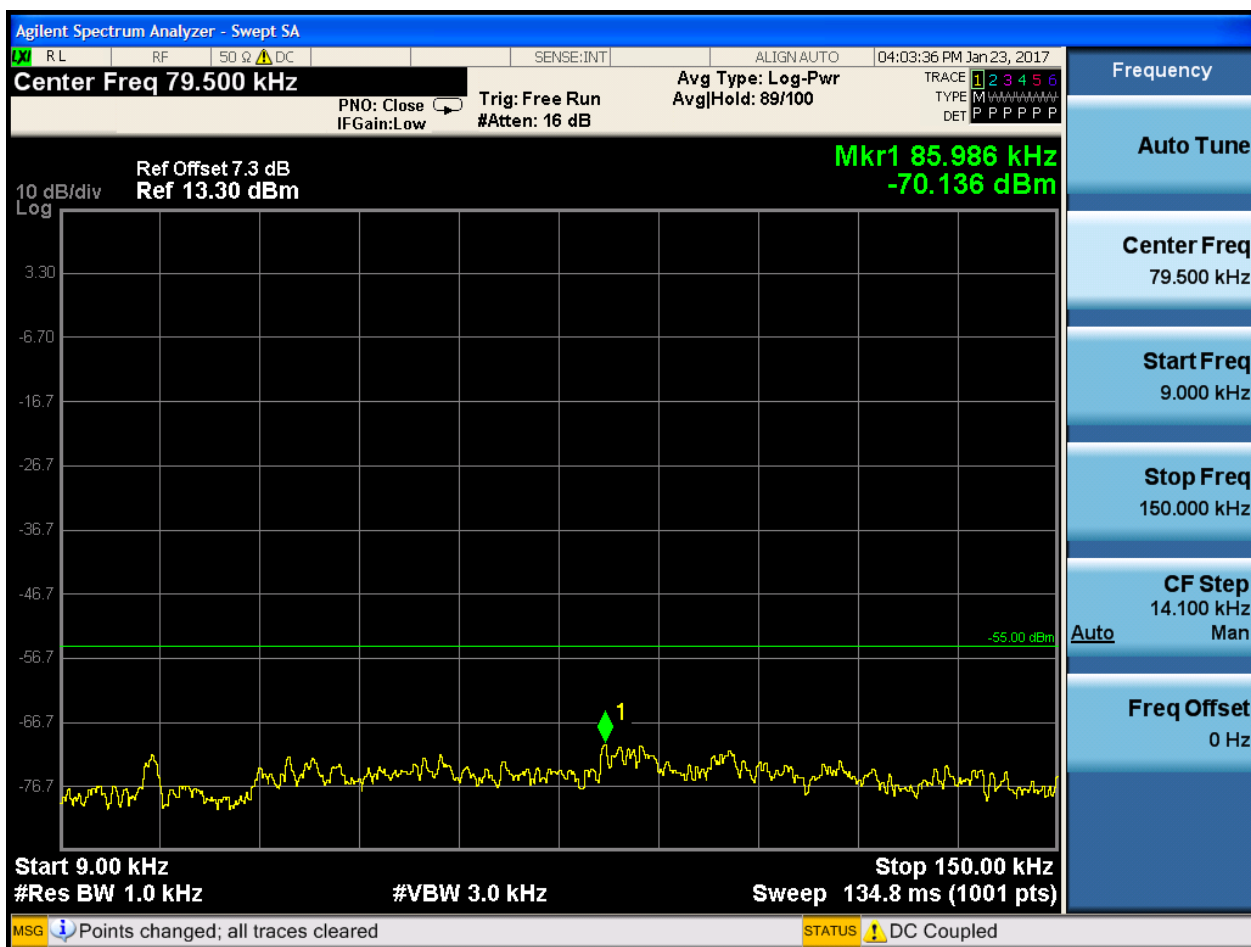


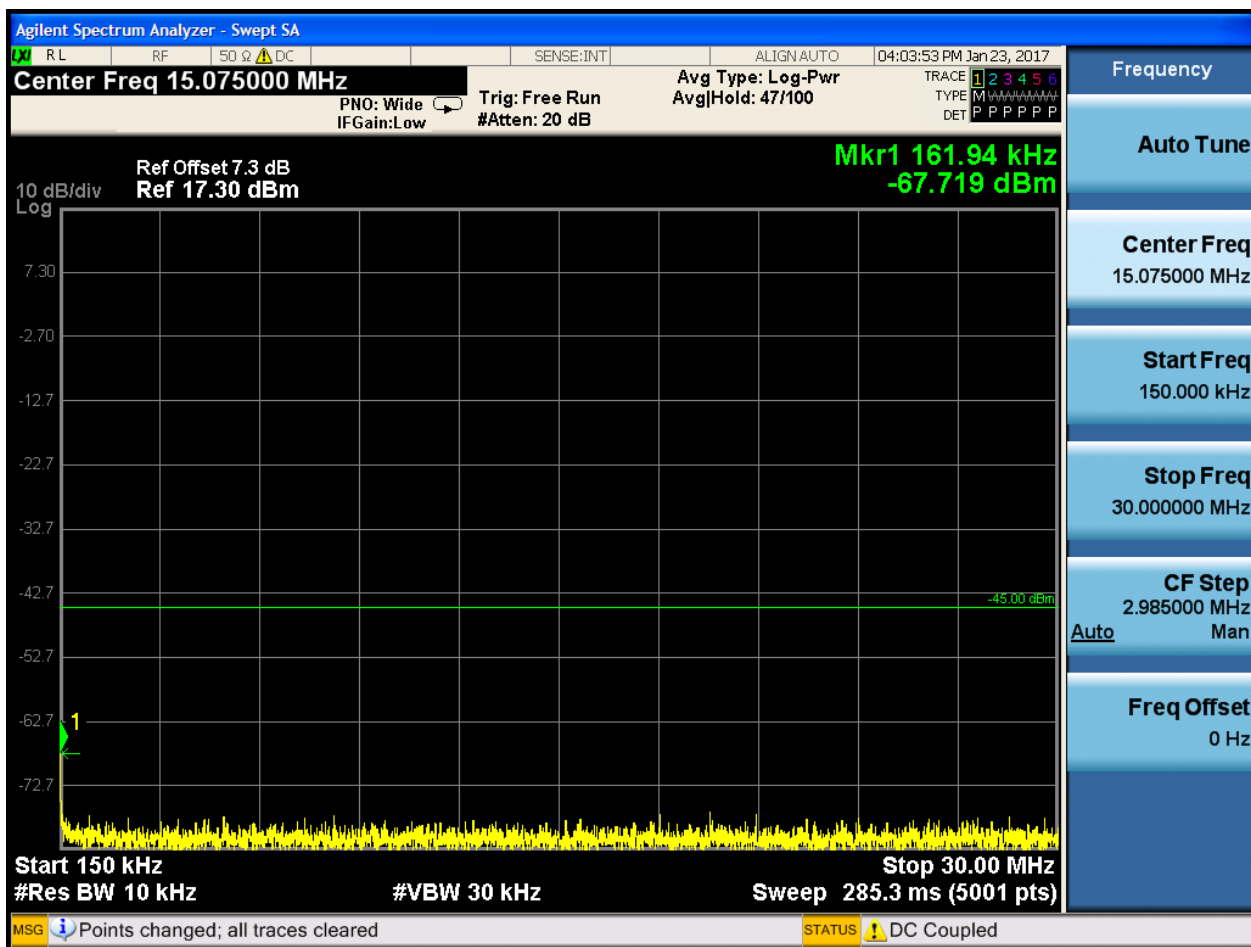


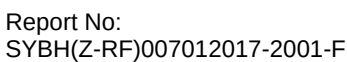
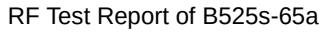
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0







6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

