



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	21.01	19.01	33	PASS
				RB1#13	21.36	19.36	33	PASS
				RB1#24	20.95	18.95	33	PASS
				RB12#0	20.21	18.21	33	PASS
				RB12#6	20.28	18.28	33	PASS
				RB12#13	20.12	18.12	33	PASS
				RB25#0	20.12	18.12	33	PASS
			MCH	RB1#0	21.34	19.34	33	PASS
				RB1#13	21.5	19.5	33	PASS
				RB1#24	21.12	19.12	33	PASS
				RB12#0	20.38	18.38	33	PASS
				RB12#6	20.39	18.39	33	PASS
				RB12#13	20.17	18.17	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.27	18.27	33	PASS
			HCH	RB1#0	20.96	18.96	33	PASS
				RB1#13	21.08	19.08	33	PASS
				RB1#24	20.52	18.52	33	PASS
				RB12#0	19.89	17.89	33	PASS
				RB12#6	19.93	17.93	33	PASS
				RB12#13	19.67	17.67	33	PASS
				RB25#0	19.77	17.77	33	PASS
		10	LCH	RB1#0	20.89	18.89	33	PASS
				RB1#25	21.29	19.29	33	PASS
				RB1#49	20.96	18.96	33	PASS
				RB25#0	20.18	18.18	33	PASS
				RB25#13	20.18	18.18	33	PASS
				RB25#25	20.12	18.12	33	PASS
				RB50#0	20.18	18.18	33	PASS
			MCH	RB1#0	21.23	19.23	33	PASS
				RB1#25	21.46	19.46	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.14	19.14	33	PASS
				RB25#0	20.27	18.27	33	PASS
				RB25#13	20.3	18.3	33	PASS
				RB25#25	20.17	18.17	33	PASS
				RB50#0	20.2	18.2	33	PASS
			HCH	RB1#0	20.91	18.91	33	PASS
				RB1#25	21.11	19.11	33	PASS
				RB1#49	20.54	18.54	33	PASS
				RB25#0	19.82	17.82	33	PASS
				RB25#13	19.84	17.84	33	PASS
				RB25#25	19.66	17.66	33	PASS
				RB50#0	19.77	17.77	33	PASS
		15	LCH	RB1#0	20.71	18.71	33	PASS
				RB1#38	21.29	19.29	33	PASS
				RB1#74	20.76	18.76	33	PASS
				RB36#0	20.1	18.1	33	PASS
				RB36#18	20.18	18.18	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB36#39	19.93	17.93	33	PASS
				RB75#0	20.04	18.04	33	PASS
			MCH	RB1#0	20.96	18.96	33	PASS
				RB1#38	21.34	19.34	33	PASS
				RB1#74	20.81	18.81	33	PASS
				RB36#0	20.19	18.19	33	PASS
				RB36#18	20.26	18.26	33	PASS
				RB36#39	20.1	18.1	33	PASS
				RB75#0	20.12	18.12	33	PASS
			HCH	RB1#0	20.69	18.69	33	PASS
				RB1#38	21.13	19.13	33	PASS
				RB1#74	20.39	18.39	33	PASS
				RB36#0	19.74	17.74	33	PASS
				RB36#18	19.92	17.92	33	PASS
				RB36#39	19.66	17.66	33	PASS
				RB75#0	19.72	17.72	33	PASS
		20	LCH	RB1#0	20.83	18.83	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.25	19.25	33	PASS
				RB1#99	20.95	18.95	33	PASS
				RB50#0	20.15	18.15	33	PASS
				RB50#25	20.11	18.11	33	PASS
				RB50#50	19.99	17.99	33	PASS
				RB100#0	20.05	18.05	33	PASS
			MCH	RB1#0	21.06	19.06	33	PASS
				RB1#50	21.43	19.43	33	PASS
				RB1#99	21	19	33	PASS
				RB50#0	20.17	18.17	33	PASS
				RB50#25	20.24	18.24	33	PASS
				RB50#50	20.03	18.03	33	PASS
				RB100#0	20.09	18.09	33	PASS
			HCH	RB1#0	20.88	18.88	33	PASS
				RB1#50	21.06	19.06	33	PASS
				RB1#99	20.55	18.55	33	PASS
				RB50#0	19.77	17.77	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	19.82	17.82	33	PASS
				RB50#50	19.73	17.73	33	PASS
				RB100#0	19.77	17.77	33	PASS
	LTE/TM2	5	LCH	RB1#0	20.41	18.41	33	PASS
				RB1#13	20.75	18.75	33	PASS
				RB1#24	20.36	18.36	33	PASS
				RB12#0	20.12	18.12	33	PASS
				RB12#6	20.17	18.17	33	PASS
				RB12#13	20.01	18.01	33	PASS
				RB25#0	20.02	18.02	33	PASS
			MCH	RB1#0	20.8	18.8	33	PASS
				RB1#13	20.89	18.89	33	PASS
				RB1#24	20.53	18.53	33	PASS
				RB12#0	20.17	18.17	33	PASS
				RB12#6	20.21	18.21	33	PASS
				RB12#13	20.07	18.07	33	PASS
				RB25#0	20.11	18.11	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.21	18.21	33	PASS
				RB1#13	20.42	18.42	33	PASS
				RB1#24	19.89	17.89	33	PASS
				RB12#0	19.74	17.74	33	PASS
				RB12#6	19.79	17.79	33	PASS
				RB12#13	19.53	17.53	33	PASS
				RB25#0	19.65	17.65	33	PASS
		10	LCH	RB1#0	20.17	18.17	33	PASS
				RB1#25	20.77	18.77	33	PASS
				RB1#49	20.17	18.17	33	PASS
				RB25#0	20.01	18.01	33	PASS
				RB25#13	20.06	18.06	33	PASS
				RB25#25	19.95	17.95	33	PASS
				RB50#0	20.03	18.03	33	PASS
			MCH	RB1#0	20.51	18.51	33	PASS
				RB1#25	20.64	18.64	33	PASS
				RB1#49	20.36	18.36	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.13	18.13	33	PASS
				RB25#13	20.16	18.16	33	PASS
				RB25#25	20.04	18.04	33	PASS
				RB50#0	20.06	18.06	33	PASS
			HCH	RB1#0	20.44	18.44	33	PASS
				RB1#25	20.57	18.57	33	PASS
				RB1#49	20.17	18.17	33	PASS
				RB25#0	19.73	17.73	33	PASS
				RB25#13	19.8	17.8	33	PASS
				RB25#25	19.62	17.62	33	PASS
				RB50#0	19.63	17.63	33	PASS
		15	LCH	RB1#0	20.23	18.23	33	PASS
				RB1#38	20.7	18.7	33	PASS
				RB1#74	19.97	17.97	33	PASS
				RB36#0	19.99	17.99	33	PASS
				RB36#18	20.07	18.07	33	PASS
				RB36#39	19.96	17.96	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	19.94	17.94	33	PASS
			MCH	RB1#0	20.34	18.34	33	PASS
				RB1#38	20.67	18.67	33	PASS
				RB1#74	20.2	18.2	33	PASS
				RB36#0	20.1	18.1	33	PASS
				RB36#18	20.15	18.15	33	PASS
				RB36#39	20.02	18.02	33	PASS
				RB75#0	20.01	18.01	33	PASS
			HCH	RB1#0	20.34	18.34	33	PASS
				RB1#38	20.69	18.69	33	PASS
				RB1#74	20.07	18.07	33	PASS
				RB36#0	19.71	17.71	33	PASS
				RB36#18	19.88	17.88	33	PASS
				RB36#39	19.61	17.61	33	PASS
				RB75#0	19.64	17.64	33	PASS
		20	LCH	RB1#0	20.48	18.48	33	PASS
				RB1#50	20.88	18.88	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	20.54	18.54	33	PASS
				RB50#0	20.03	18.03	33	PASS
				RB50#25	20.01	18.01	33	PASS
				RB50#50	19.9	17.9	33	PASS
				RB100#0	19.96	17.96	33	PASS
			MCH	RB1#0	20.58	18.58	33	PASS
				RB1#50	20.86	18.86	33	PASS
				RB1#99	20.44	18.44	33	PASS
				RB50#0	20.03	18.03	33	PASS
				RB50#25	20.13	18.13	33	PASS
				RB50#50	19.94	17.94	33	PASS
				RB100#0	20	18	33	PASS
			HCH	RB1#0	20.41	18.41	33	PASS
				RB1#50	20.63	18.63	33	PASS
				RB1#99	20.13	18.13	33	PASS
				RB50#0	19.67	17.67	33	PASS
				RB50#25	19.71	17.71	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	19.62	17.62	33	PASS
				RB100#0	19.71	17.71	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

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	3.76	13	PASS
				RB1#13	3.48	13	PASS
				RB1#24	3.77	13	PASS
				RB12#0	4.53	13	PASS
				RB12#6	4.37	13	PASS
				RB12#13	4.63	13	PASS
				RB25#0	5.41	13	PASS
			MCH	RB1#0	3.2	13	PASS
				RB1#13	3.15	13	PASS
				RB1#24	3.59	13	PASS
				RB12#0	4.35	13	PASS
				RB12#6	4.31	13	PASS
				RB12#13	4.64	13	PASS
				RB25#0	4.93	13	PASS
			HCH	RB1#0	3.32	13	PASS
				RB1#13	3.15	13	PASS
				RB1#24	3.9	13	PASS
				RB12#0	4.4	13	PASS
				RB12#6	4.28	13	PASS
				RB12#13	4.63	13	PASS
				RB25#0	5.12	13	PASS
		10	LCH	RB1#0	3.76	13	PASS
				RB1#25	3.43	13	PASS
				RB1#49	3.71	13	PASS
				RB25#0	4.58	13	PASS
				RB25#13	4.46	13	PASS
				RB25#25	4.67	13	PASS
				RB50#0	5.45	13	PASS
			MCH	RB1#0	3.11	13	PASS
				RB1#25	3.19	13	PASS
				RB1#49	3.68	13	PASS
				RB25#0	4.35	13	PASS
				RB25#13	4.61	13	PASS
				RB25#25	4.72	13	PASS
				RB50#0	5.16	13	PASS
			HCH	RB1#0	3.01	13	PASS
				RB1#25	2.95	13	PASS
				RB1#49	3.76	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	4.18	13	PASS
				RB25#13	4.11	13	PASS
				RB25#25	4.49	13	PASS
				RB50#0	4.95	13	PASS
		15	LCH	RB1#0	3.95	13	PASS
				RB1#38	3.52	13	PASS
				RB1#74	3.56	13	PASS
				RB36#0	4.77	13	PASS
				RB36#18	4.48	13	PASS
				RB36#39	4.7	13	PASS
				RB75#0	5.44	13	PASS
			MCH	RB1#0	3.25	13	PASS
				RB1#38	3.26	13	PASS
				RB1#74	3.85	13	PASS
				RB36#0	4.42	13	PASS
				RB36#18	4.51	13	PASS
				RB36#39	4.87	13	PASS
				RB75#0	5.31	13	PASS
			HCH	RB1#0	3.47	13	PASS
				RB1#38	2.9	13	PASS
				RB1#74	4.06	13	PASS
				RB36#0	4.22	13	PASS
				RB36#18	3.98	13	PASS
				RB36#39	4.43	13	PASS
				RB75#0	5.04	13	PASS
		20	LCH	RB1#0	3.92	13	PASS
				RB1#50	3.28	13	PASS
				RB1#99	3.17	13	PASS
				RB50#0	4.73	13	PASS
				RB50#25	4.33	13	PASS
				RB50#50	4.43	13	PASS
				RB100#0	5.25	13	PASS
			MCH	RB1#0	3.23	13	PASS
				RB1#50	3.25	13	PASS
				RB1#99	3.97	13	PASS
				RB50#0	4.23	13	PASS
				RB50#25	4.53	13	PASS
				RB50#50	4.99	13	PASS
				RB100#0	5.26	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2		HCH	RB1#0	3.82	13	PASS
				RB1#50	2.68	13	PASS
				RB1#99	3.82	13	PASS
				RB50#0	4.38	13	PASS
				RB50#25	4.23	13	PASS
				RB50#50	4.31	13	PASS
				RB100#0	5.13	13	PASS
		5	LCH	RB1#0	4.67	13	PASS
				RB1#13	4.53	13	PASS
				RB1#24	4.64	13	PASS
				RB12#0	5.09	13	PASS
				RB12#6	5.02	13	PASS
				RB12#13	5.08	13	PASS
				RB25#0	5.99	13	PASS
			MCH	RB1#0	4.6	13	PASS
				RB1#13	4.33	13	PASS
				RB1#24	4.75	13	PASS
				RB12#0	5.13	13	PASS
				RB12#6	5.21	13	PASS
				RB12#13	5.42	13	PASS
				RB25#0	6.06	13	PASS
			HCH	RB1#0	3.92	13	PASS
				RB1#13	3.94	13	PASS
				RB1#24	4.53	13	PASS
				RB12#0	5.13	13	PASS
				RB12#6	5.08	13	PASS
				RB12#13	5.37	13	PASS
				RB25#0	5.83	13	PASS
		10	LCH	RB1#0	4.41	13	PASS
				RB1#25	4.14	13	PASS
				RB1#49	4.35	13	PASS
				RB25#0	5.2	13	PASS
				RB25#13	5.01	13	PASS
				RB25#25	5.19	13	PASS
				RB50#0	6.36	13	PASS
			MCH	RB1#0	3.99	13	PASS
				RB1#25	3.97	13	PASS
				RB1#49	4.41	13	PASS
				RB25#0	5.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.39	13	PASS
				RB25#25	5.62	13	PASS
				RB50#0	6.03	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#25	3.99	13	PASS
				RB1#49	4.71	13	PASS
				RB25#0	5.06	13	PASS
				RB25#13	5.04	13	PASS
				RB25#25	5.2	13	PASS
				RB50#0	5.51	13	PASS
		15	LCH	RB1#0	4.73	13	PASS
				RB1#38	4.08	13	PASS
				RB1#74	4.31	13	PASS
				RB36#0	5.36	13	PASS
				RB36#18	5.09	13	PASS
				RB36#39	5.29	13	PASS
				RB75#0	6.02	13	PASS
			MCH	RB1#0	4.51	13	PASS
				RB1#38	4.04	13	PASS
				RB1#74	4.52	13	PASS
				RB36#0	5.25	13	PASS
				RB36#18	5.46	13	PASS
				RB36#39	5.64	13	PASS
				RB75#0	6.1	13	PASS
			HCH	RB1#0	4.28	13	PASS
				RB1#38	3.63	13	PASS
				RB1#74	4.7	13	PASS
				RB36#0	5.14	13	PASS
				RB36#18	4.94	13	PASS
				RB36#39	5.22	13	PASS
				RB75#0	5.81	13	PASS
		20	LCH	RB1#0	4.94	13	PASS
				RB1#50	3.98	13	PASS
				RB1#99	4.39	13	PASS
				RB50#0	5.31	13	PASS
				RB50#25	5.07	13	PASS
				RB50#50	5.14	13	PASS
				RB100#0	6	13	PASS
			MCH	RB1#0	4.15	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	4.12	13	PASS
				RB1#99	4.54	13	PASS
				RB50#0	5.1	13	PASS
				RB50#25	5.52	13	PASS
				RB50#50	5.88	13	PASS
				RB100#0	6.13	13	PASS
			HCH	RB1#0	4.05	13	PASS
				RB1#50	3.53	13	PASS
				RB1#99	4.26	13	PASS
				RB50#0	5.18	13	PASS
				RB50#25	5.15	13	PASS
				RB50#50	5.1	13	PASS
				RB100#0	6.02	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

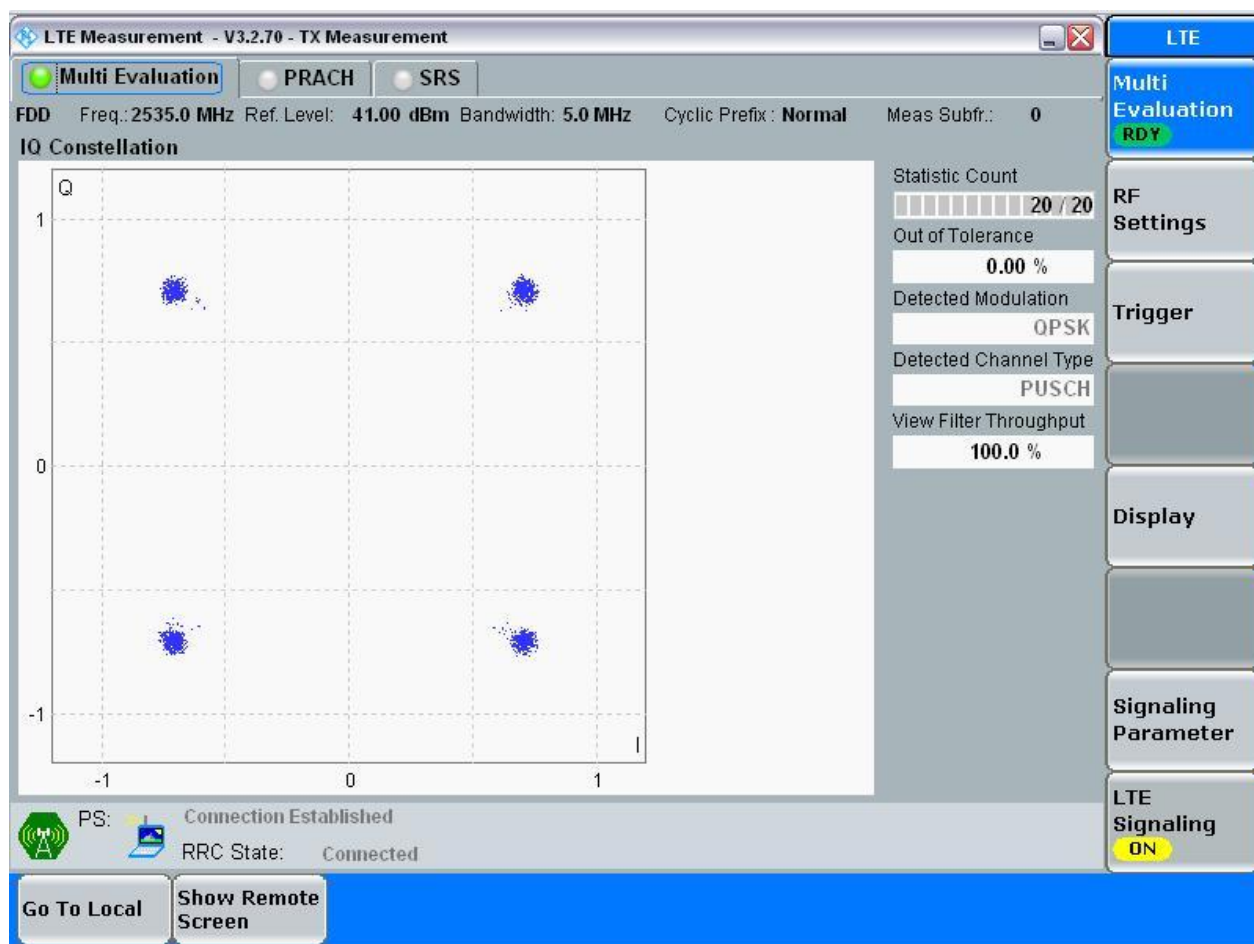
3.1.1 Test Band = BAND7

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

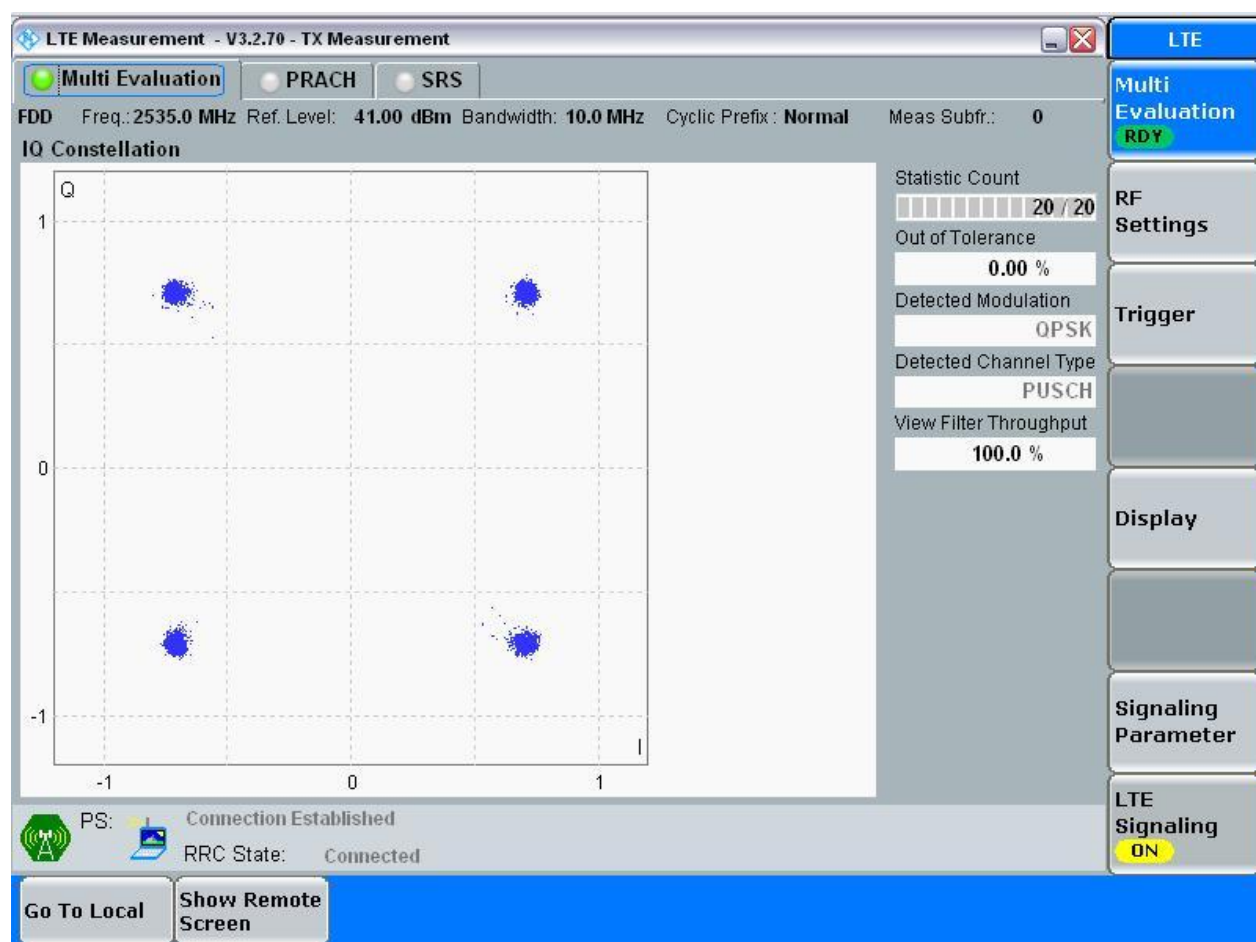
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

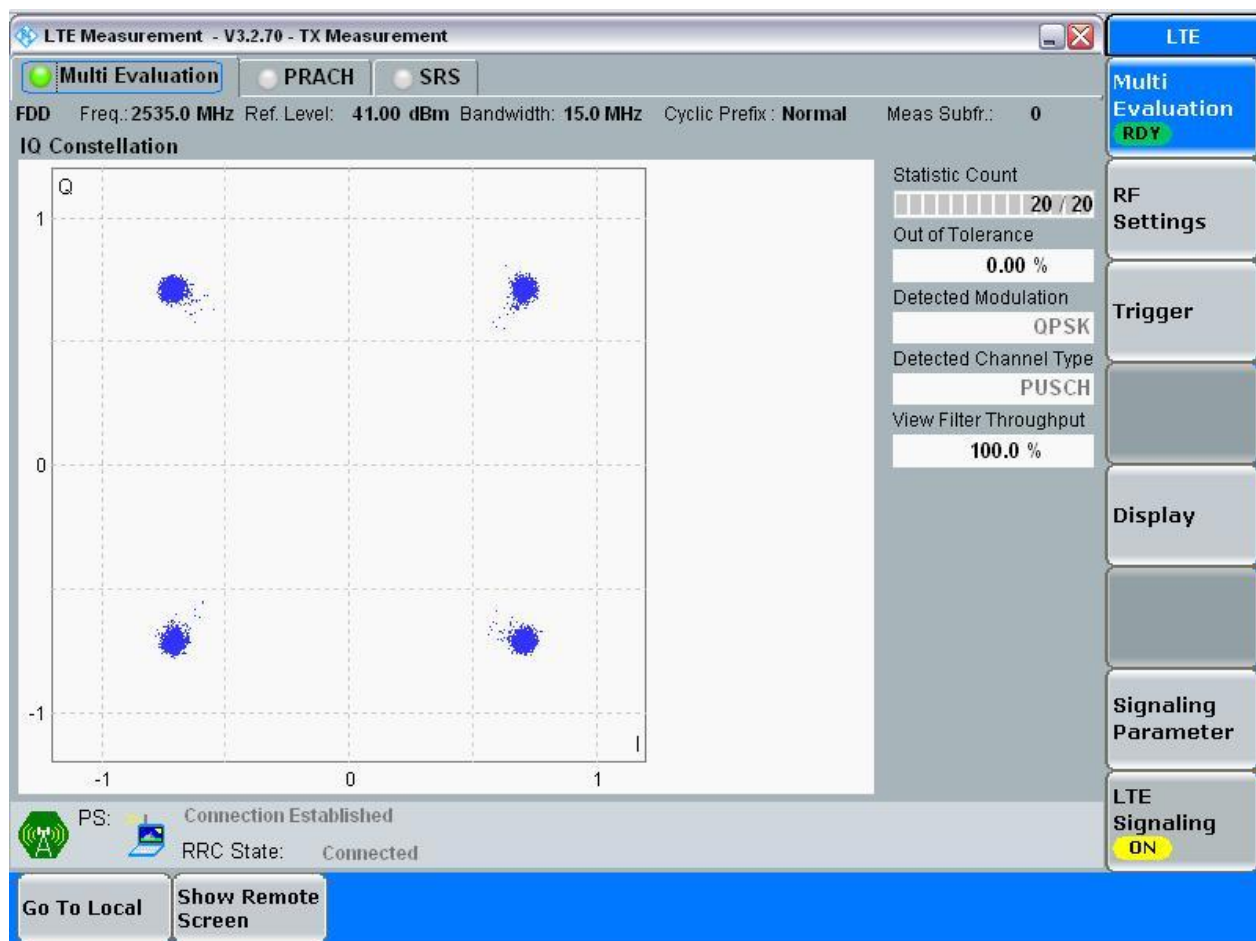
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

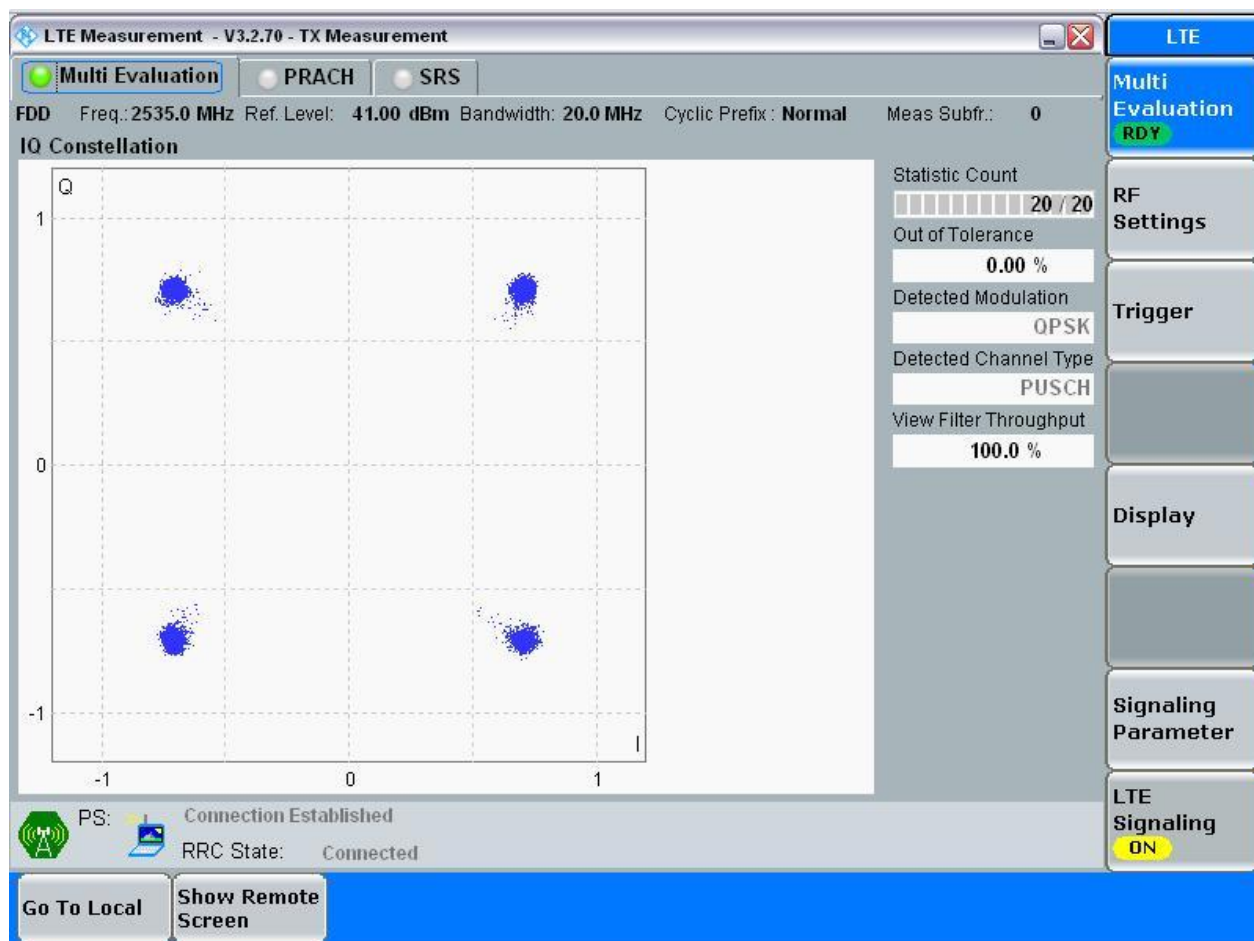
3.1.1.1.3.1.1 Test RB = RB75#0



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

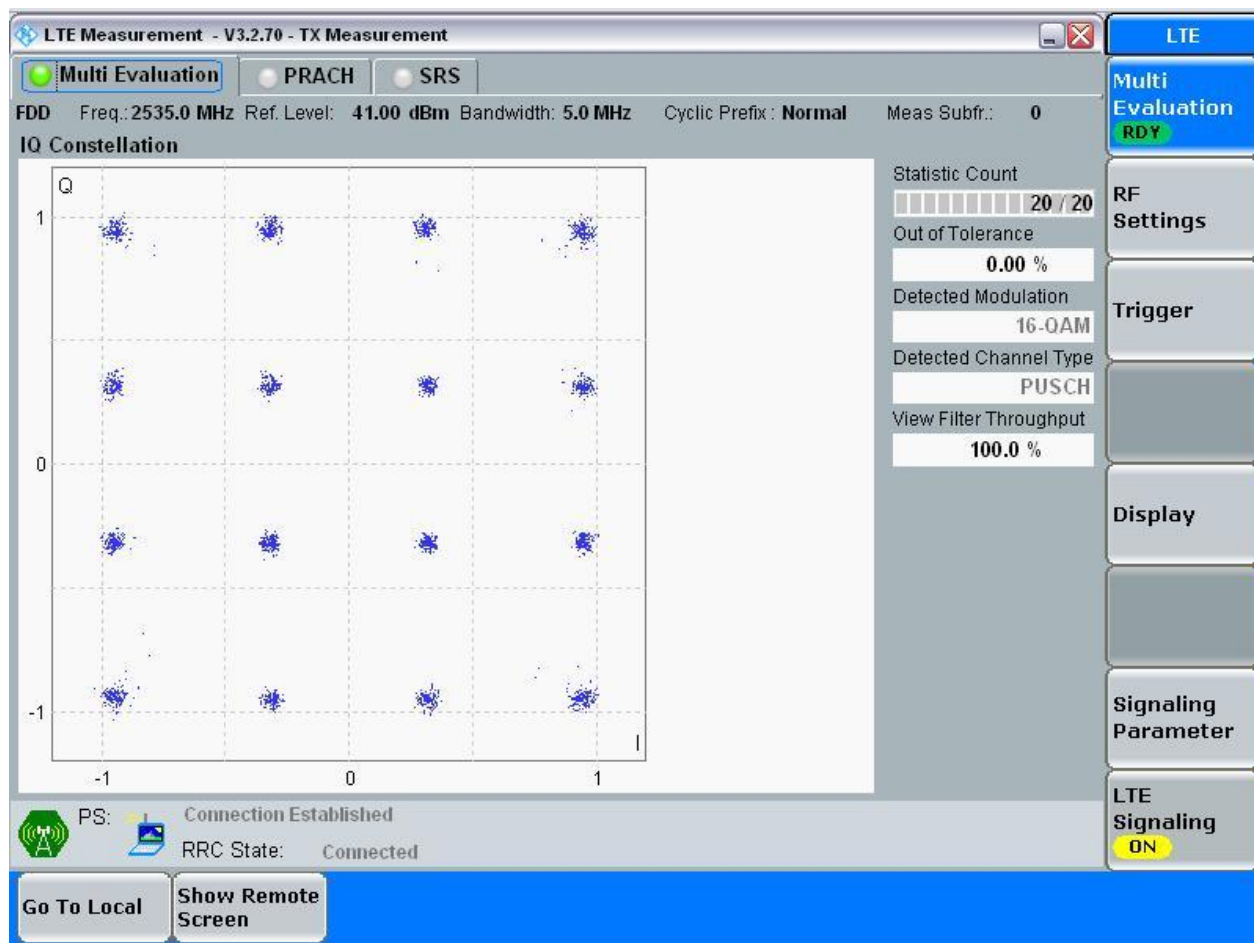


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

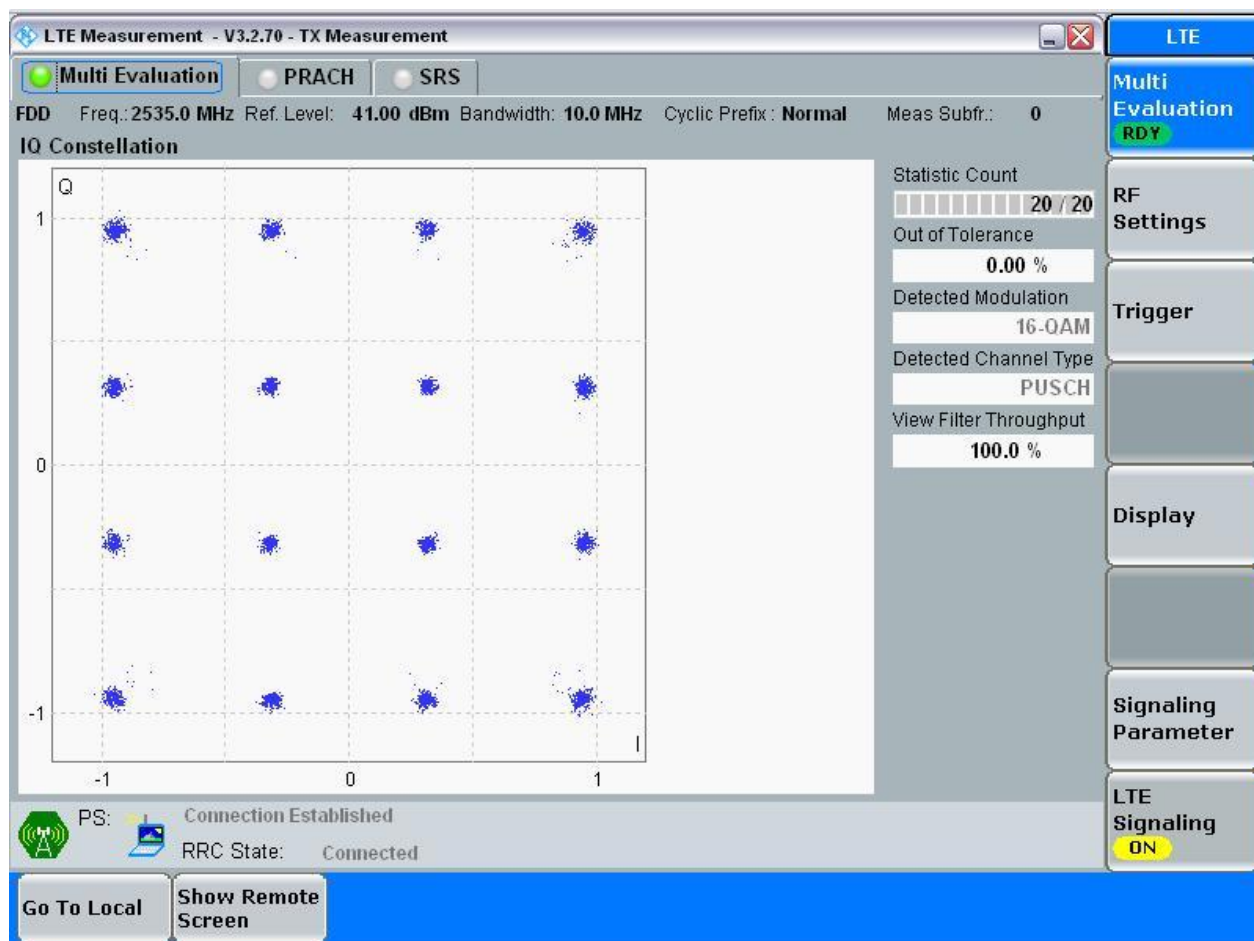
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

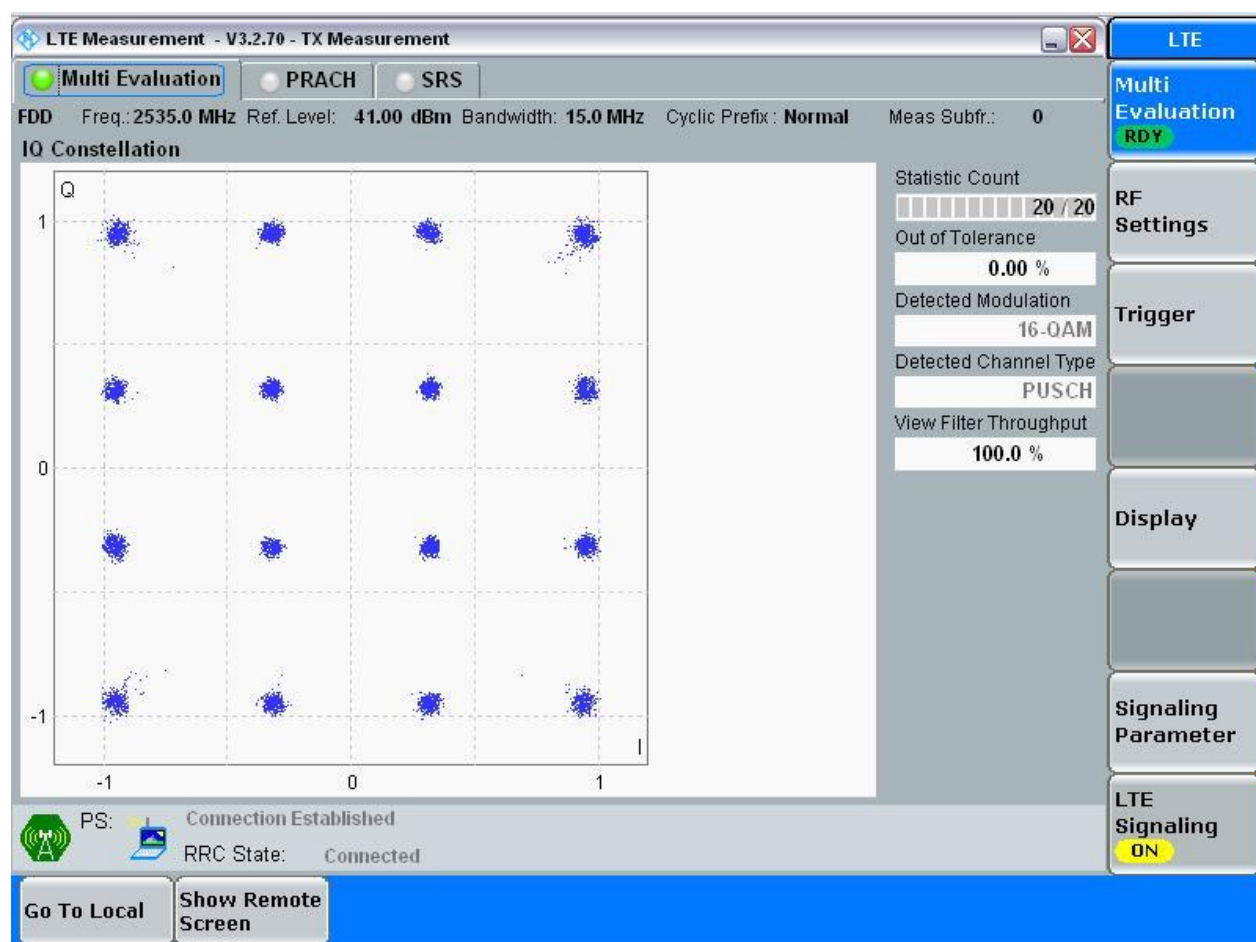
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

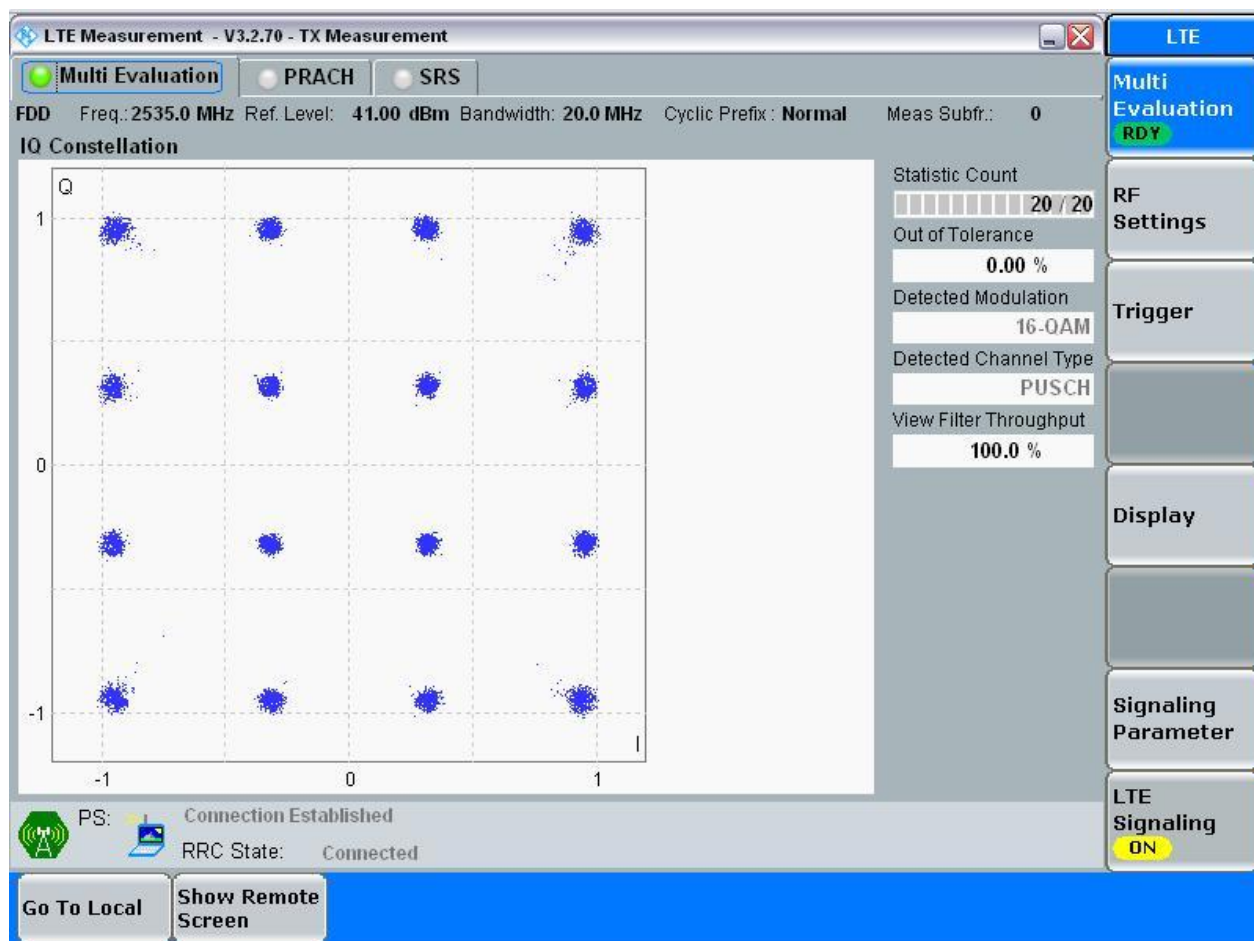
3.1.1.2.3.1.1 Test RB = RB75#0



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	4.58	6.95	Pass
			MCH	RB25#0	4.57	7.04	Pass
			HCH	RB25#0	4.58	6.73	Pass
		10	LCH	RB50#0	9.09	12.65	Pass
			MCH	RB50#0	9.02	11.96	Pass
			HCH	RB50#0	9.01	10.50	Pass
		15	LCH	RB75#0	13.54	15.43	Pass
			MCH	RB75#0	13.49	15.17	Pass
			HCH	RB75#0	13.47	15.08	Pass
		20	LCH	RB100#0	18.07	20.02	Pass
			MCH	RB100#0	18.00	19.79	Pass
			HCH	RB100#0	17.90	19.76	Pass
	LTE/TM2	5	LCH	RB25#0	4.52	4.98	Pass
			MCH	RB25#0	4.52	5.00	Pass
			HCH	RB25#0	4.51	5.06	Pass
		10	LCH	RB50#0	9.01	9.97	Pass
			MCH	RB50#0	8.99	9.90	Pass
			HCH	RB50#0	8.98	9.96	Pass
		15	LCH	RB75#0	13.52	15.04	Pass
			MCH	RB75#0	13.49	15.02	Pass
			HCH	RB75#0	13.44	15.11	Pass
		20	LCH	RB100#0	18.02	19.85	Pass
			MCH	RB100#0	17.95	20.00	Pass
			HCH	RB100#0	17.92	19.95	Pass



Part II - Test Plots

4.1 For LTE

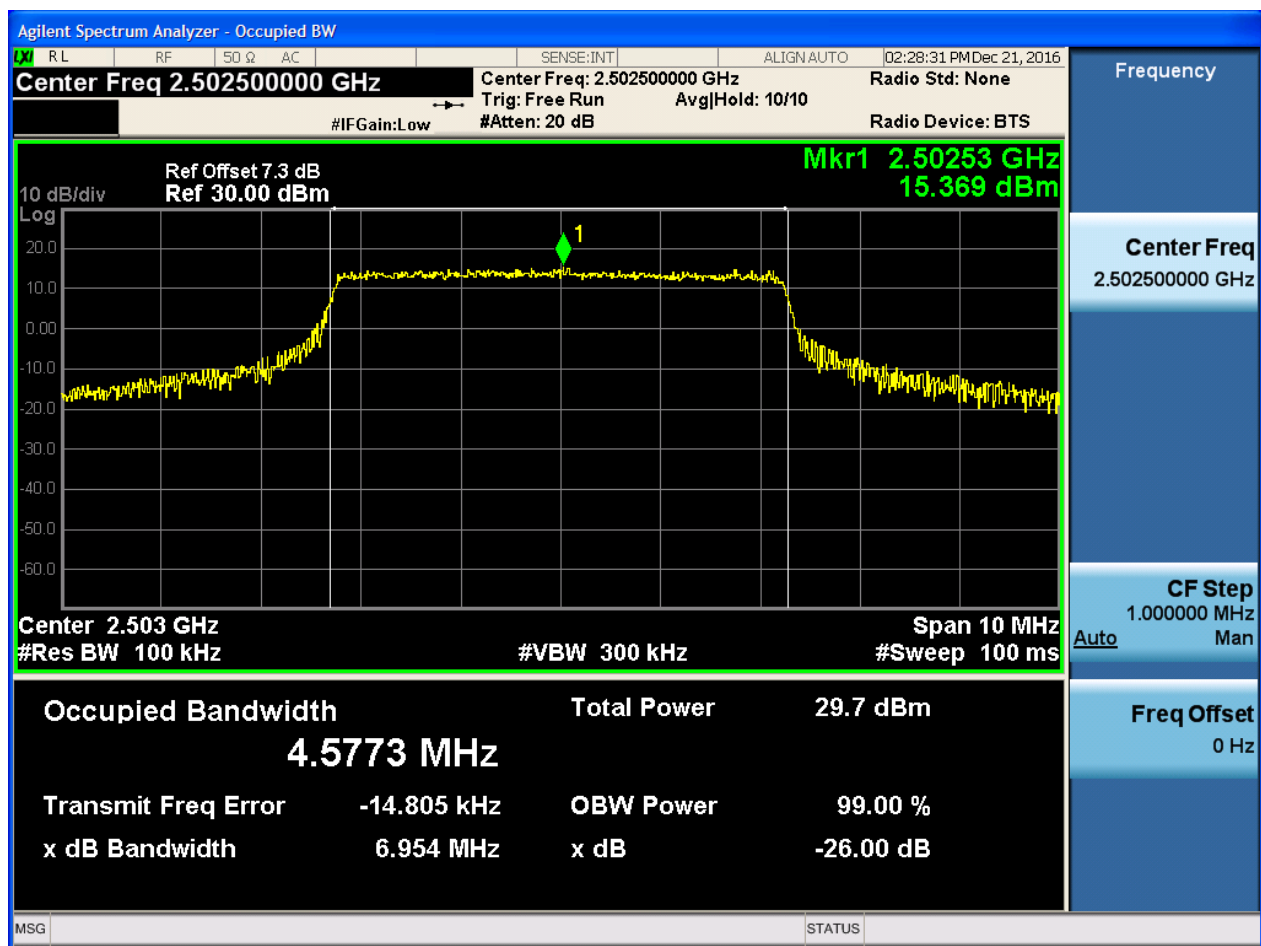
4.1.1 Test Band = BAND7

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

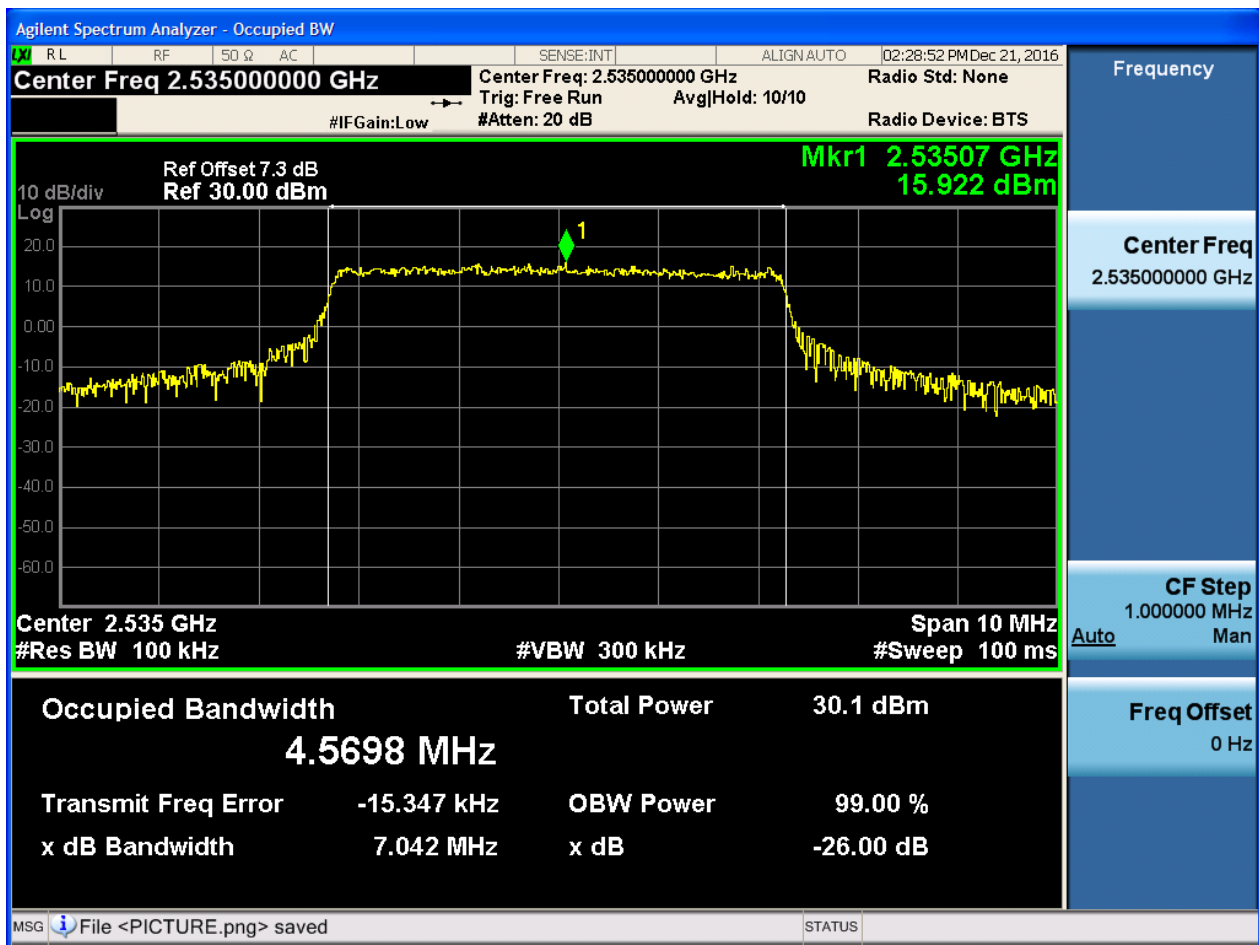
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



4.1.1.1.1.2 Test Channel = MCH

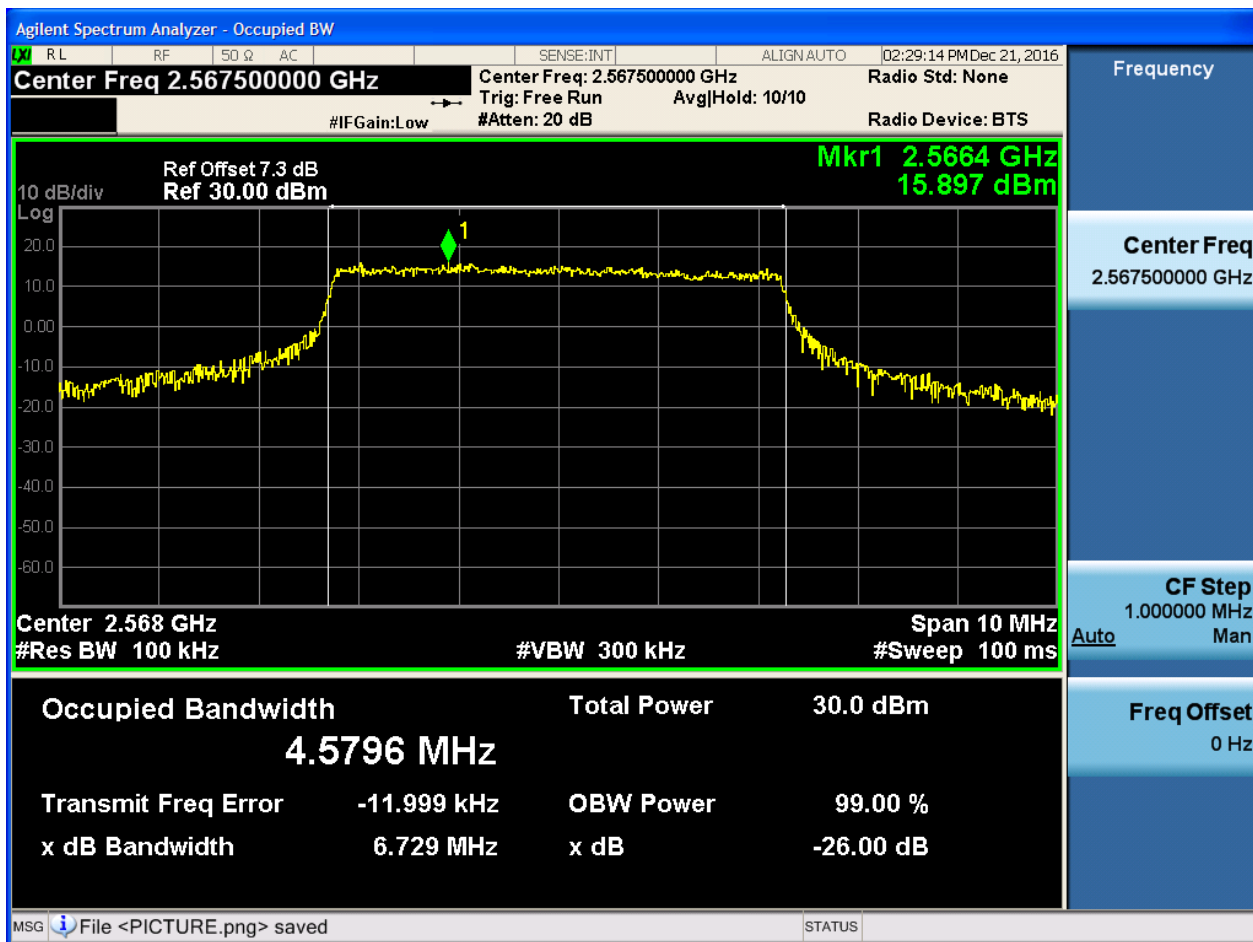
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

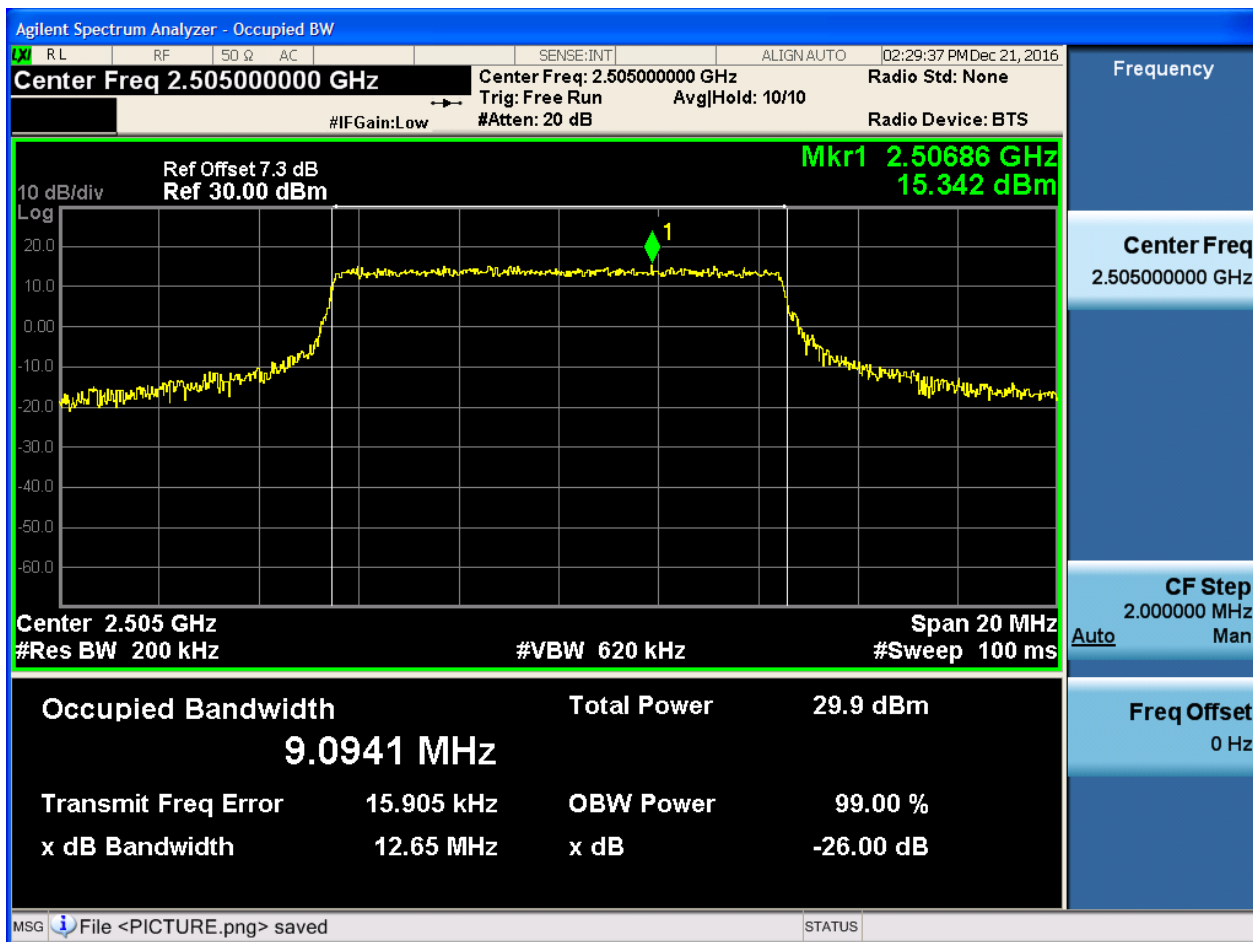




4.1.1.1.2 Test Bandwidth = 10

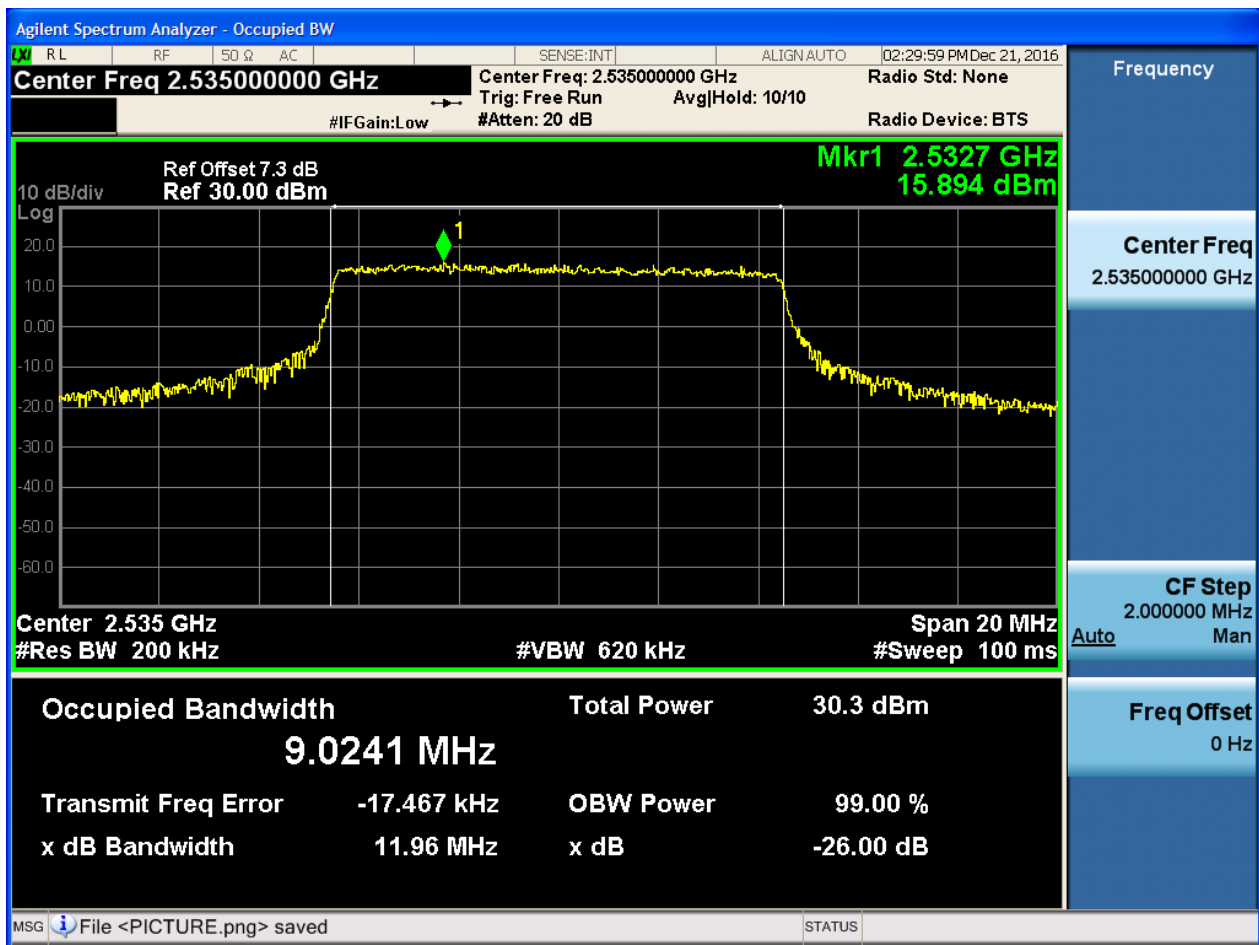
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



4.1.1.1.2.2 Test Channel = MCH

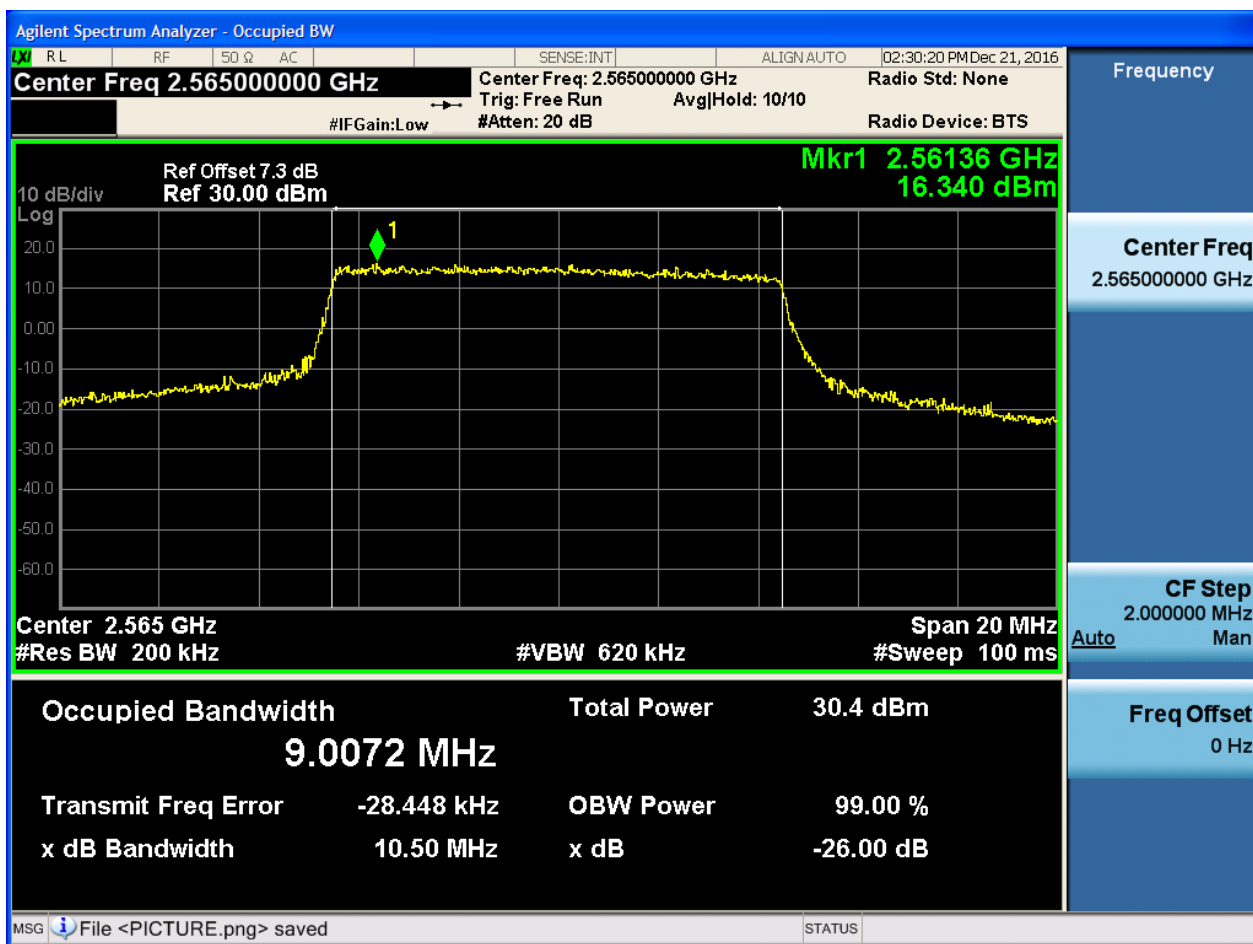
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

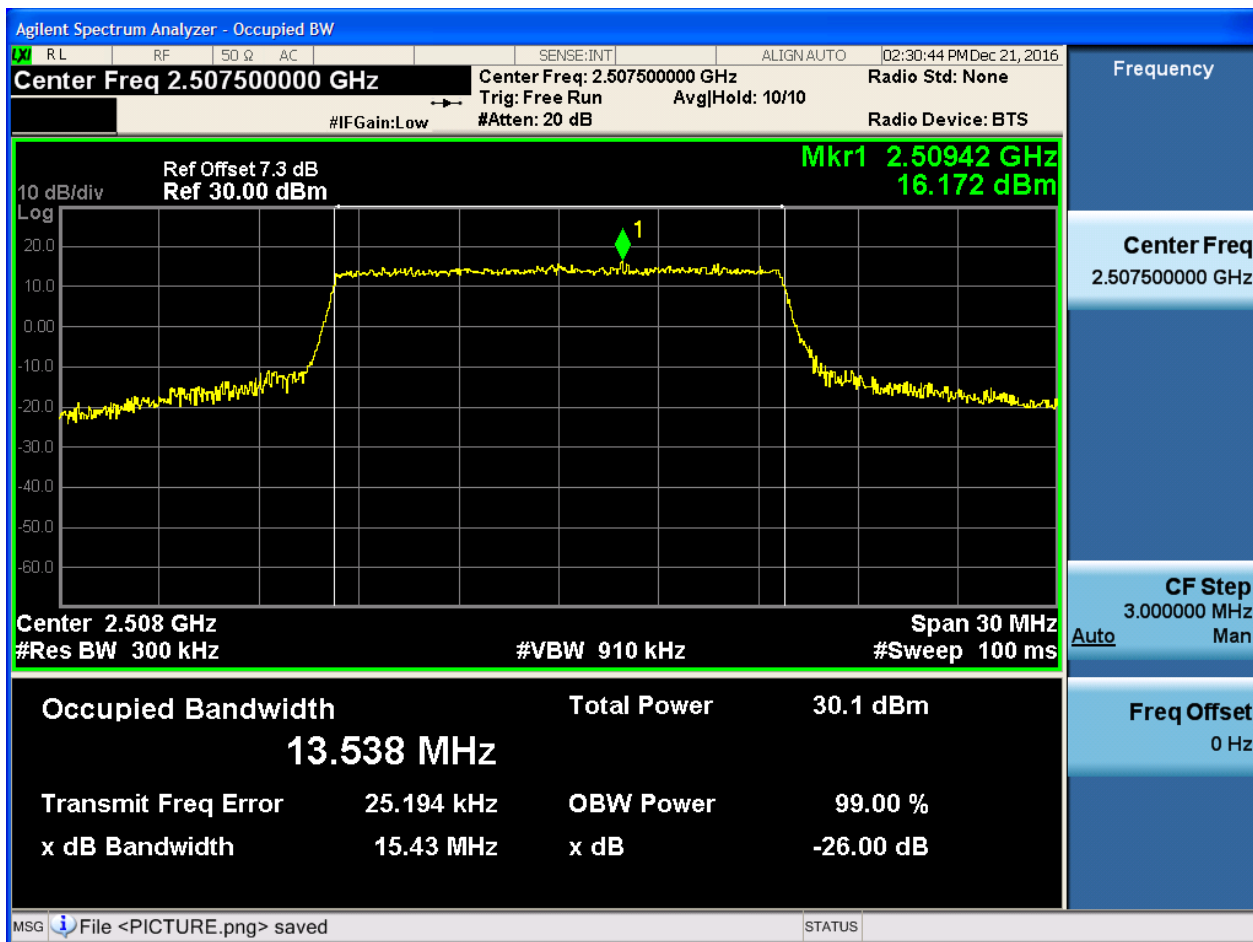




4.1.1.1.3 Test Bandwidth = 15

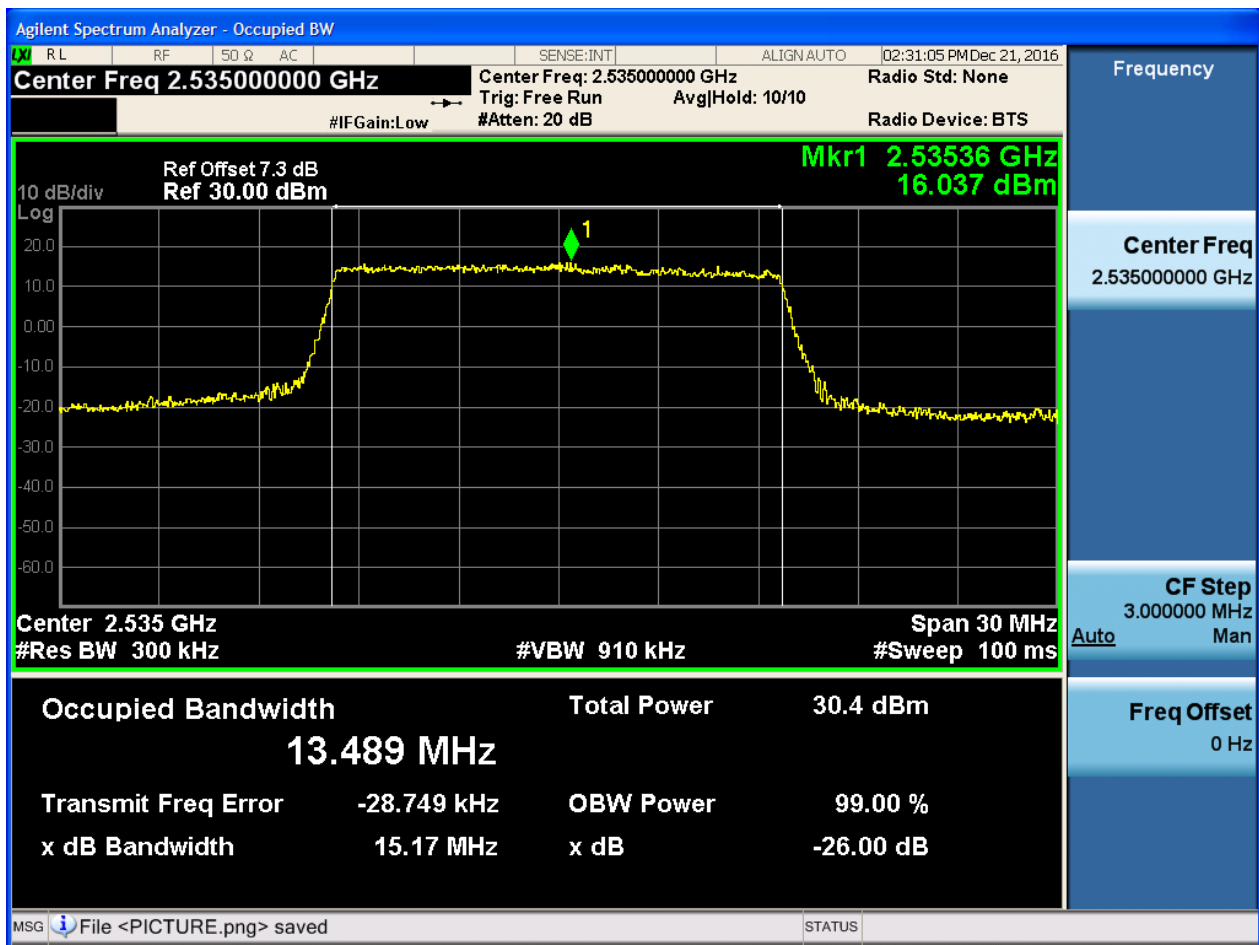
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



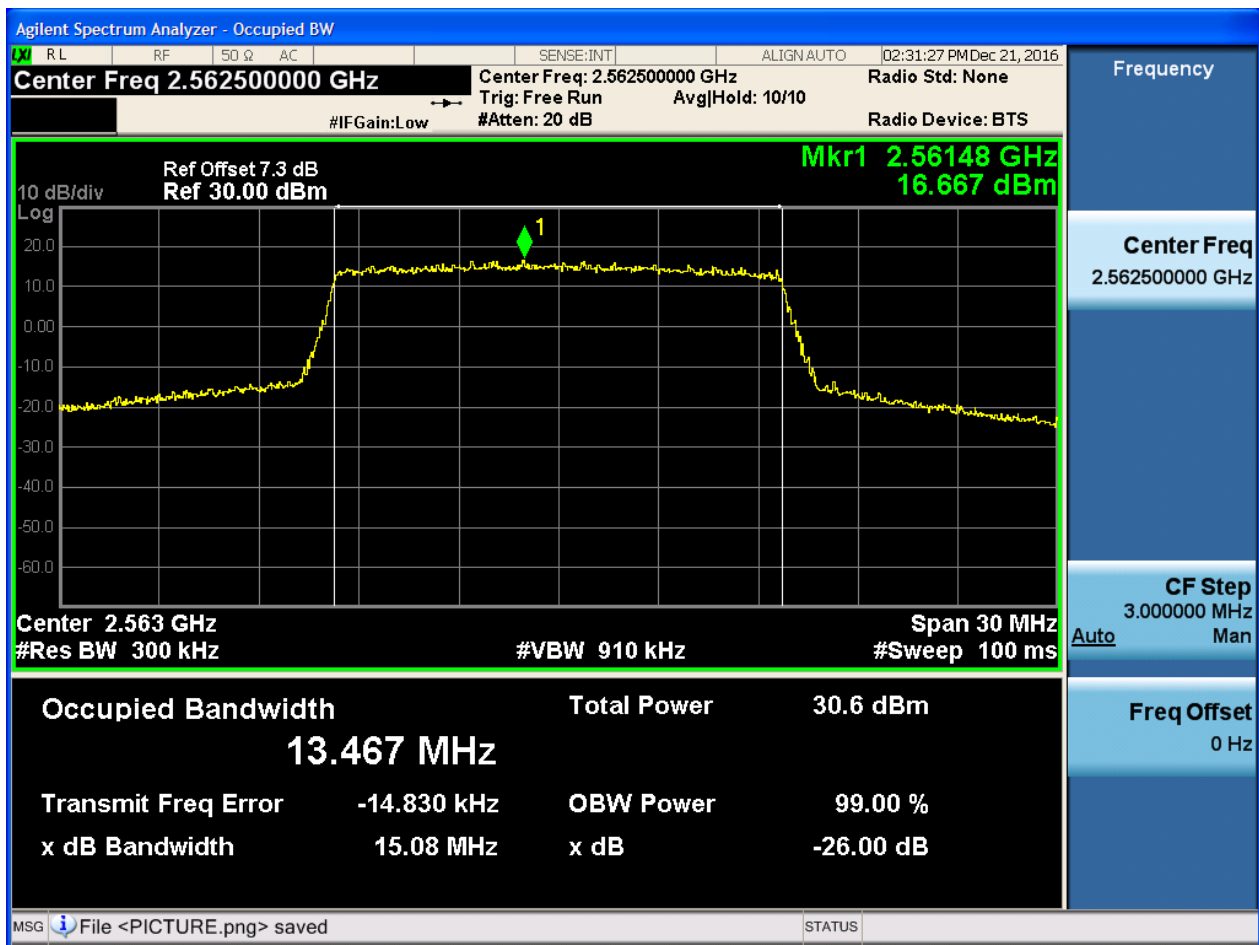
4.1.1.1.3.2 Test Channel = MCH

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

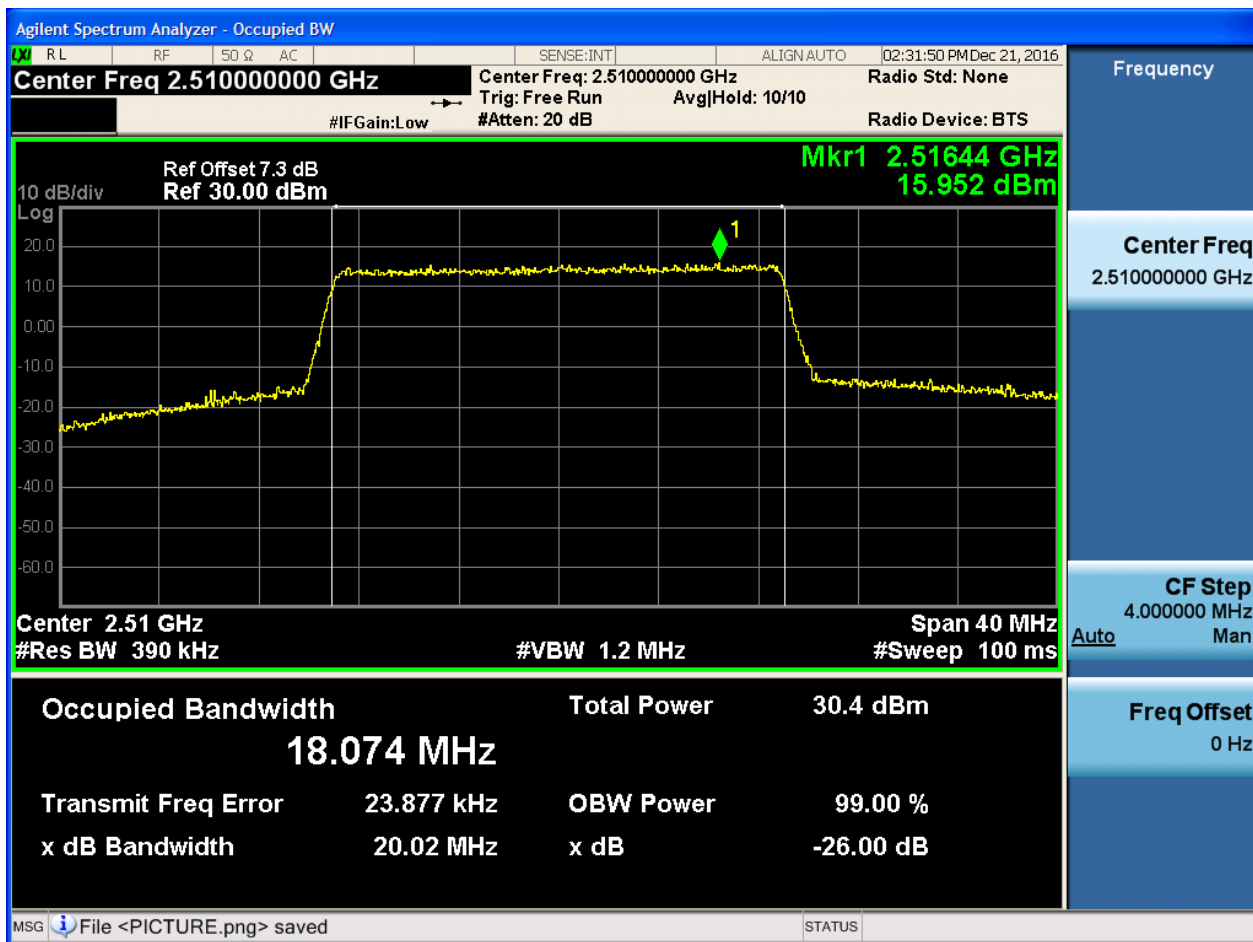




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

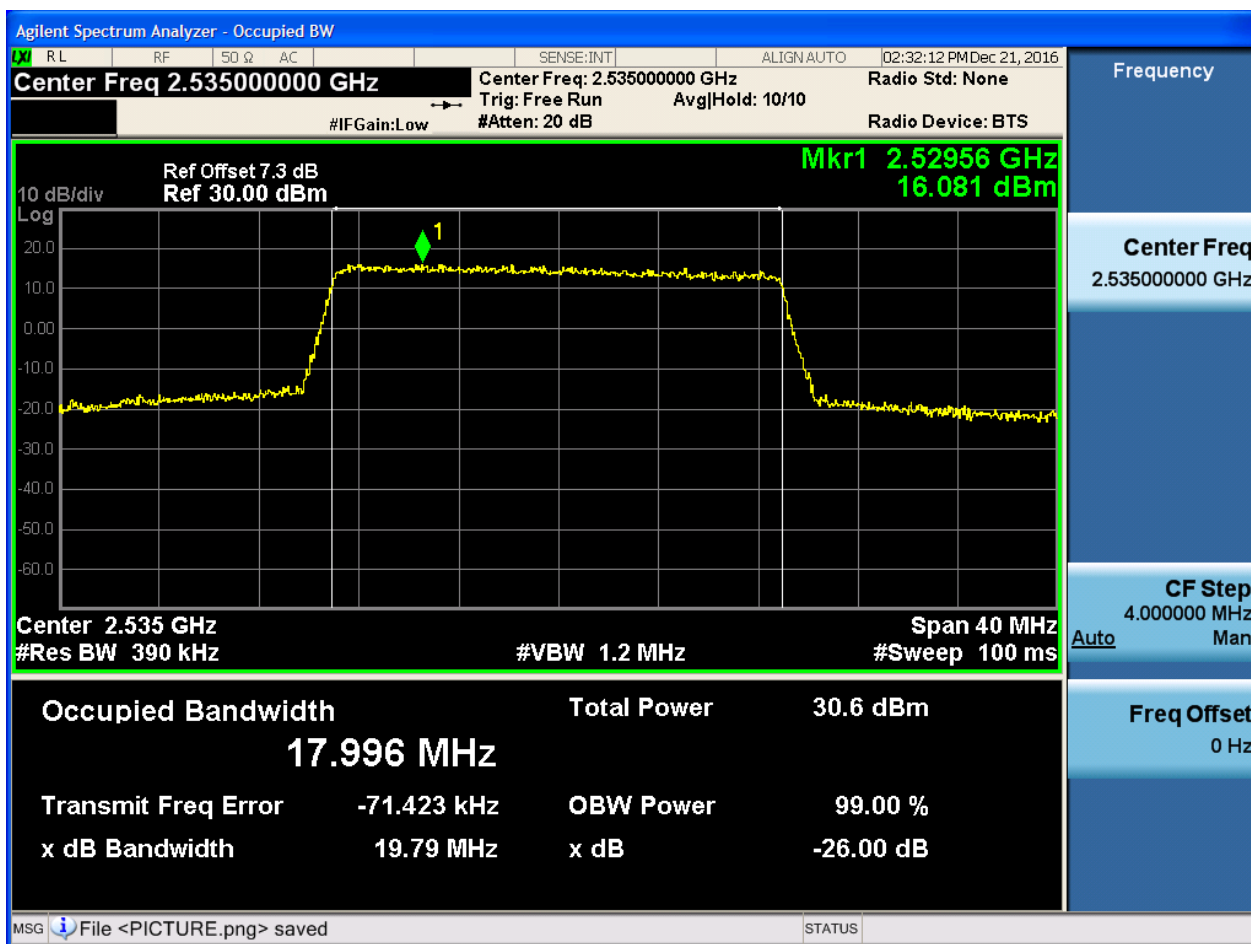
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

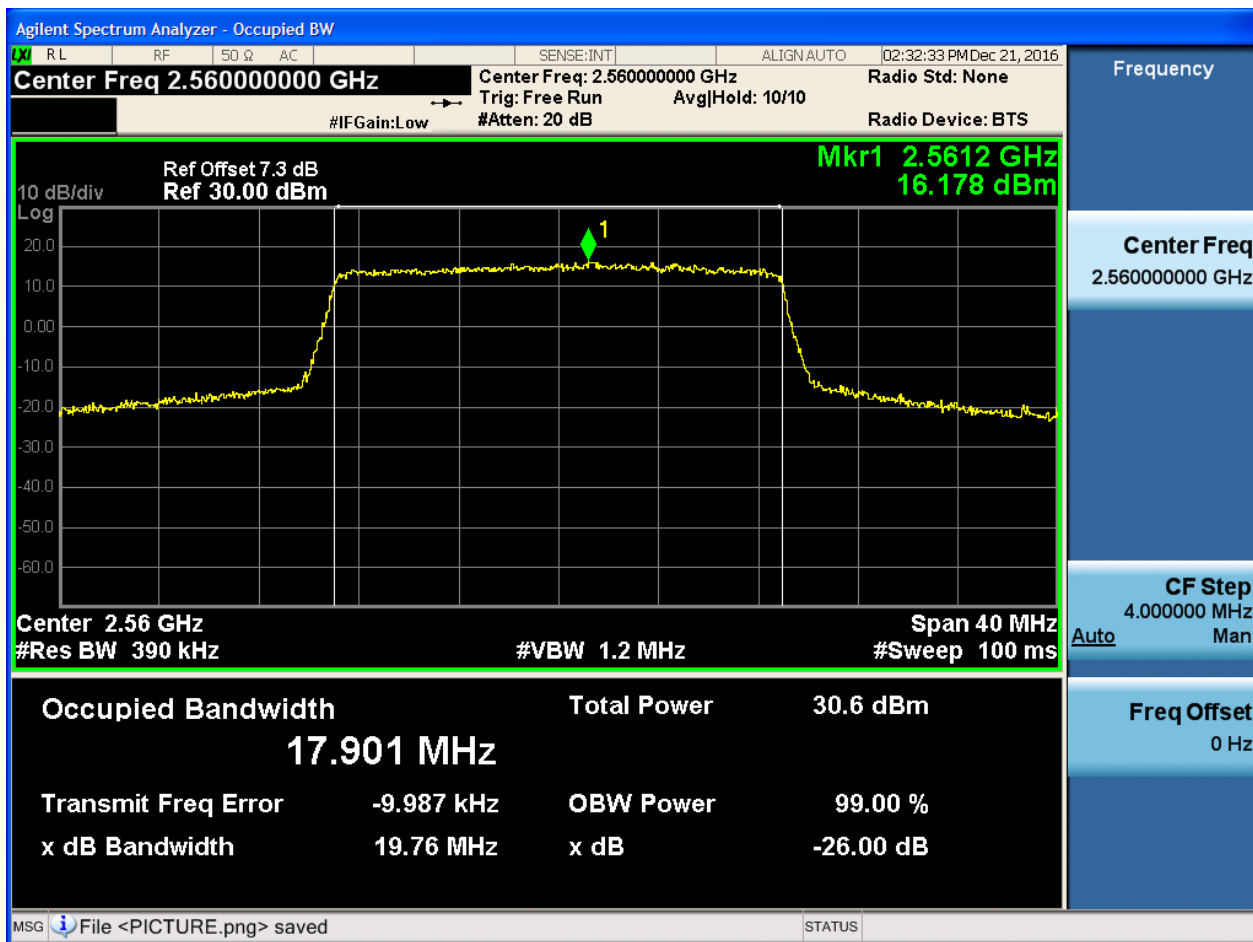
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



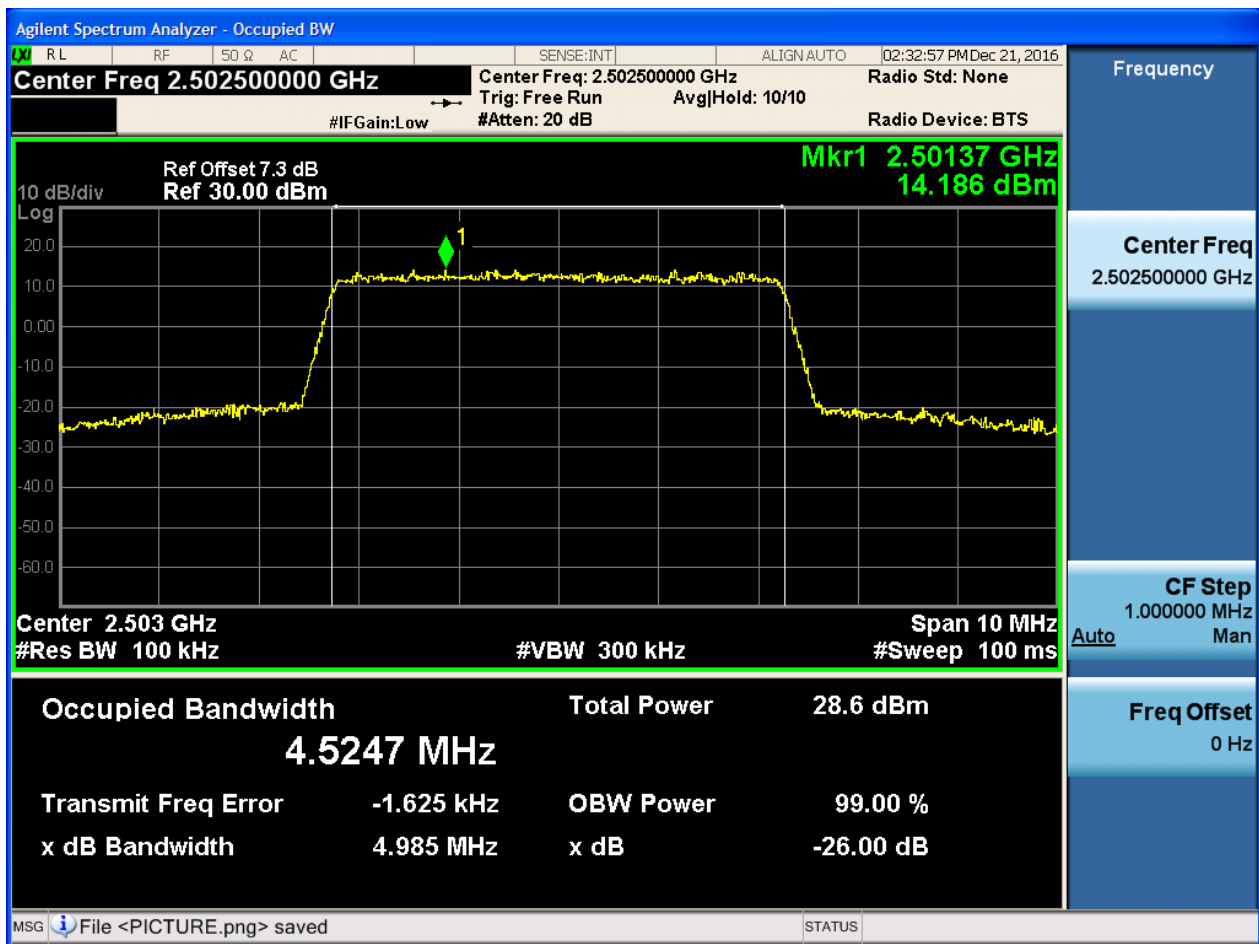


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

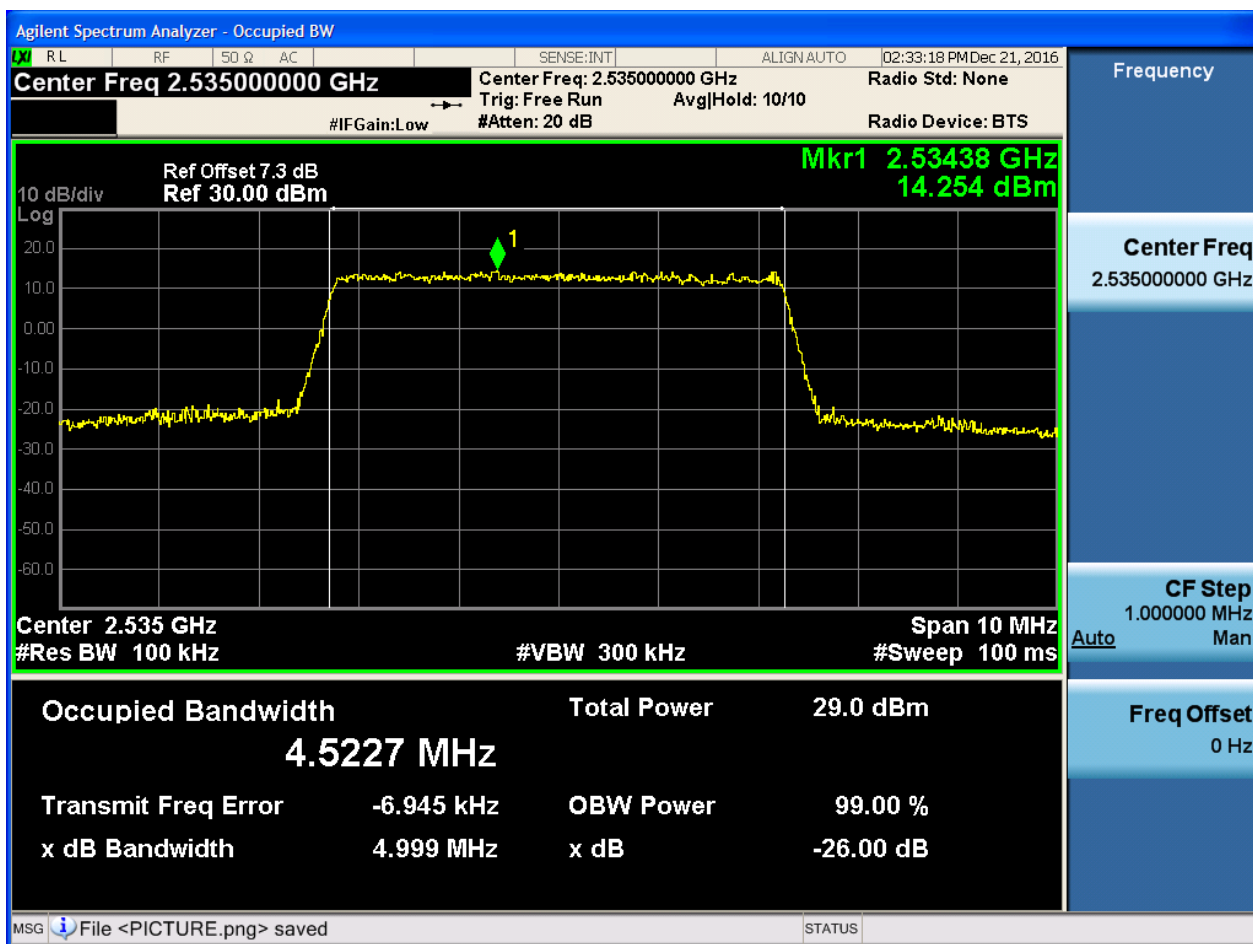
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

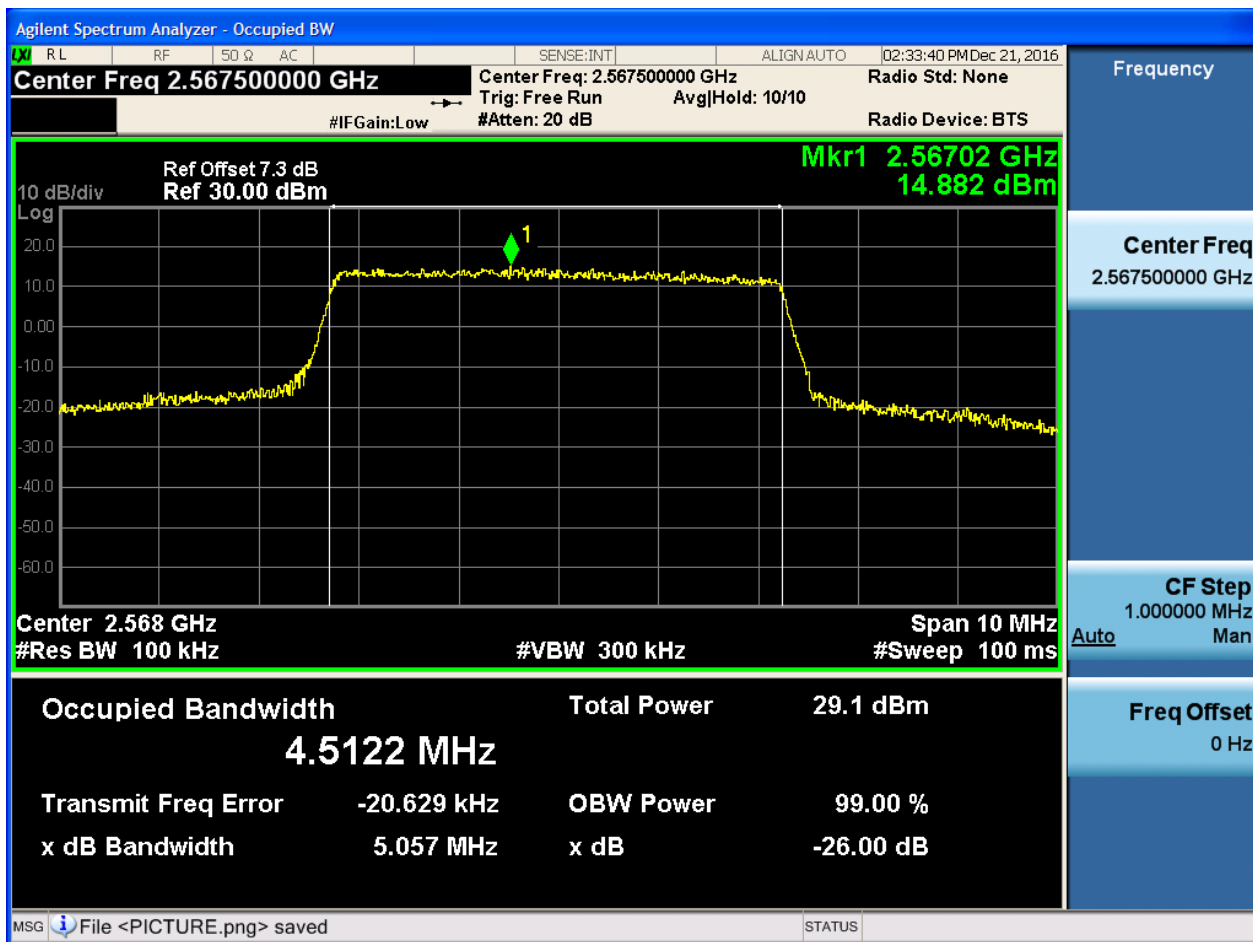
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

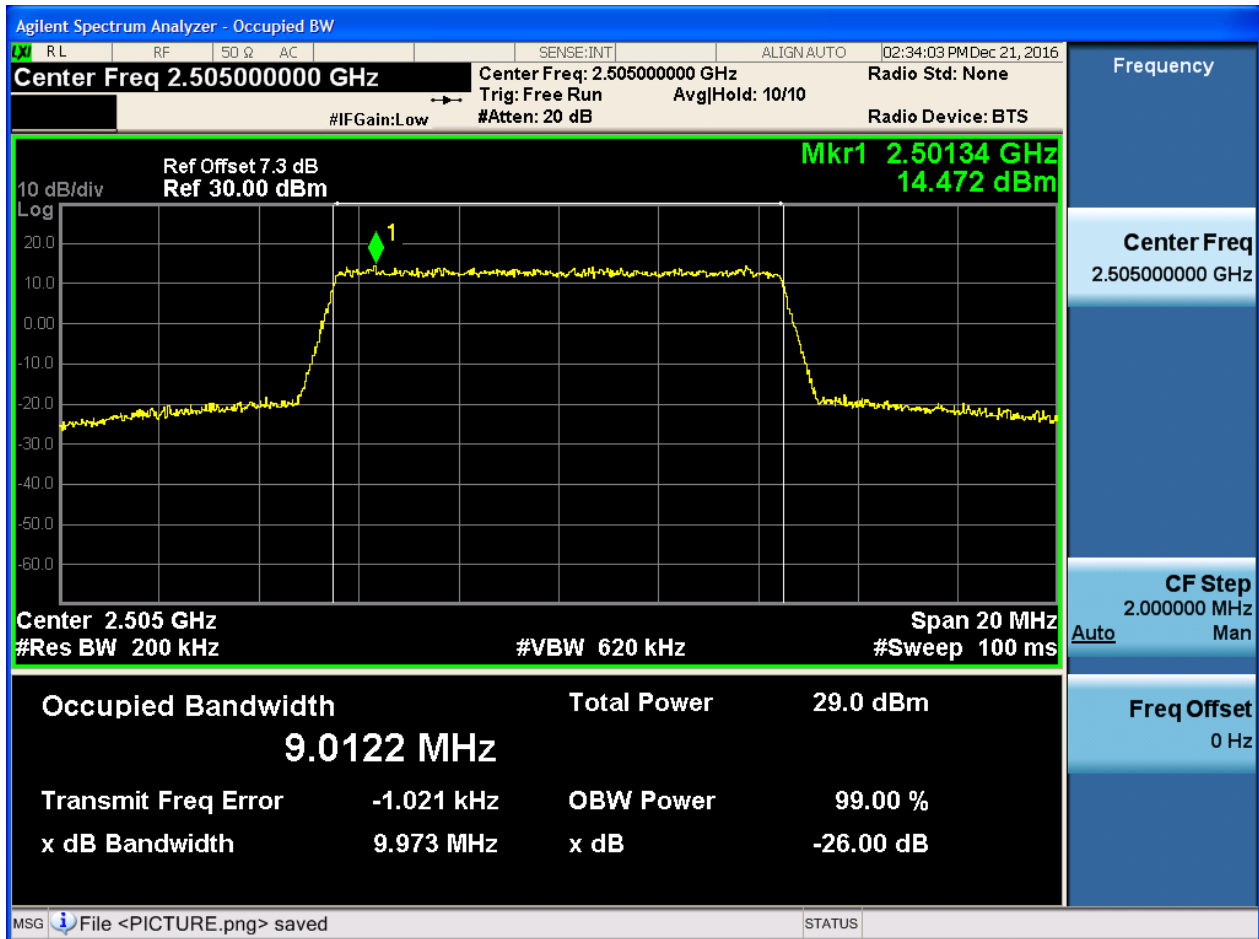




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

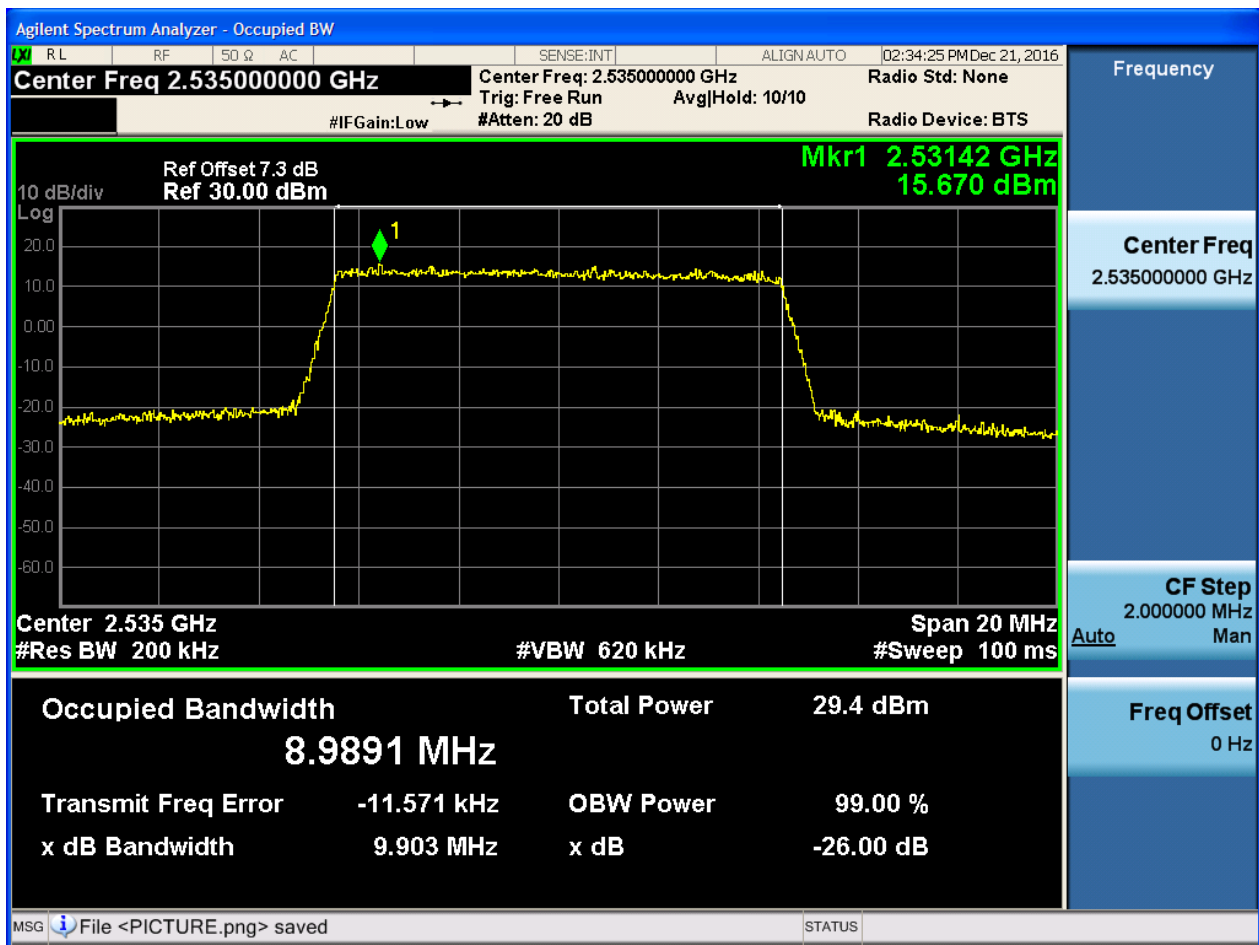
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

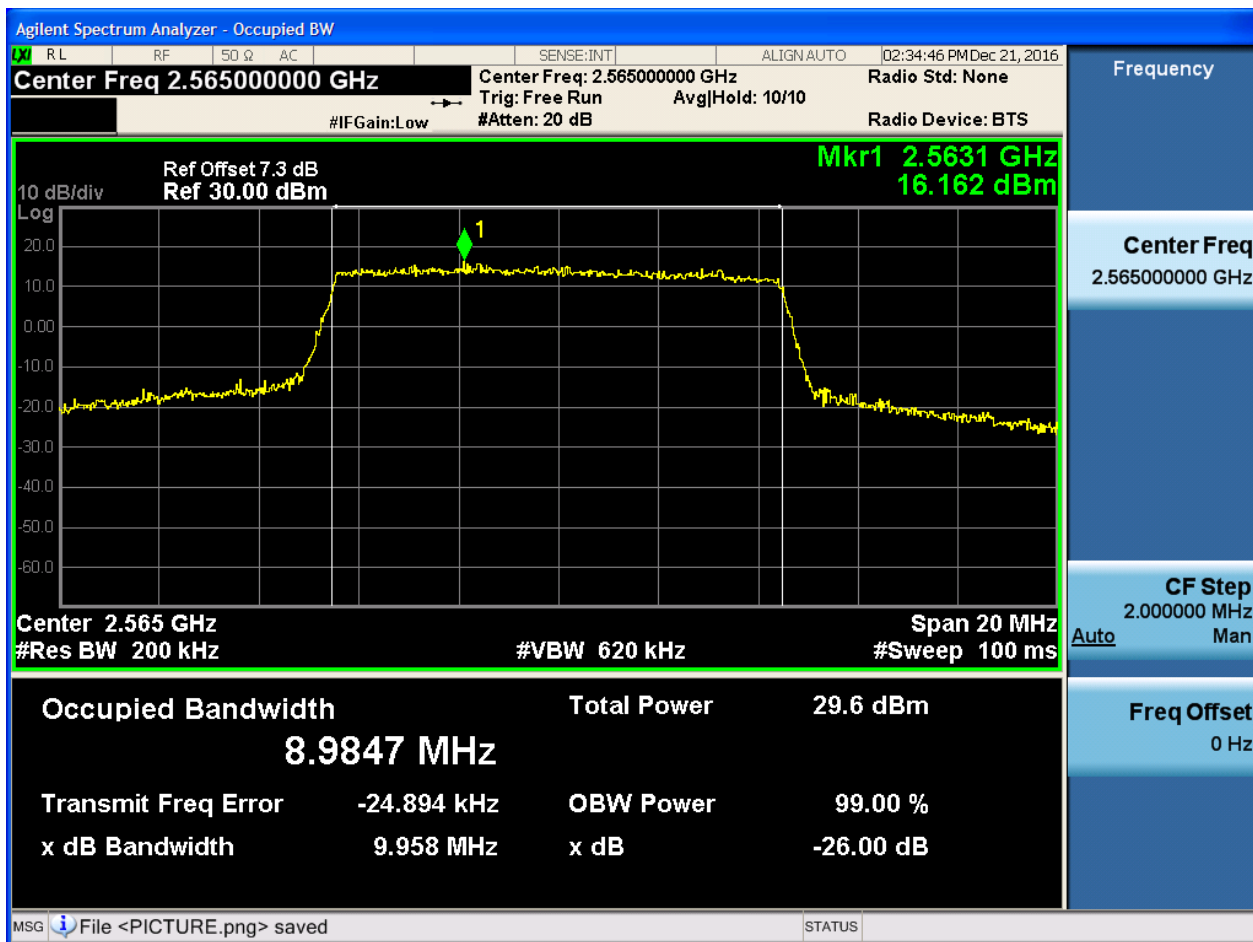
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

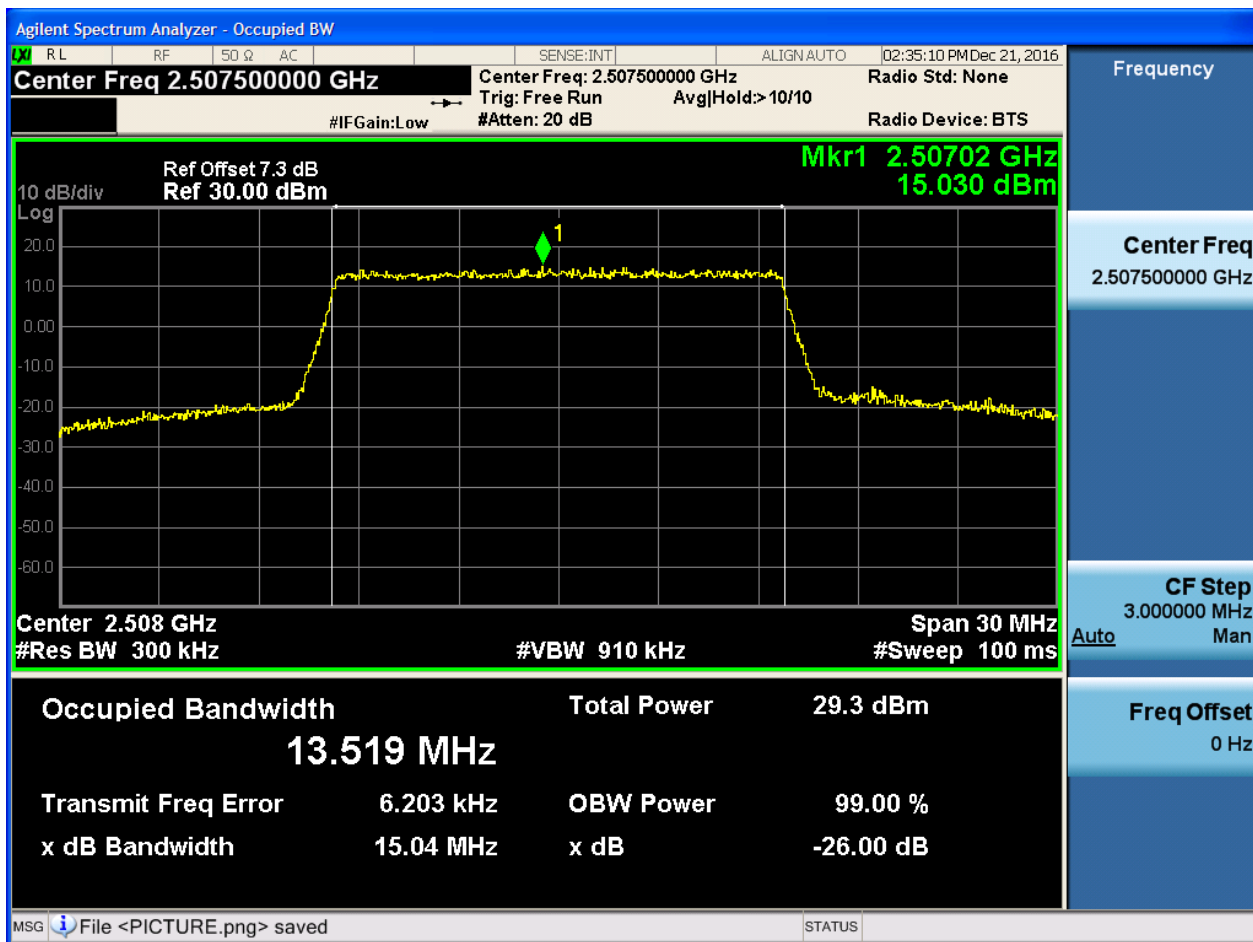




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

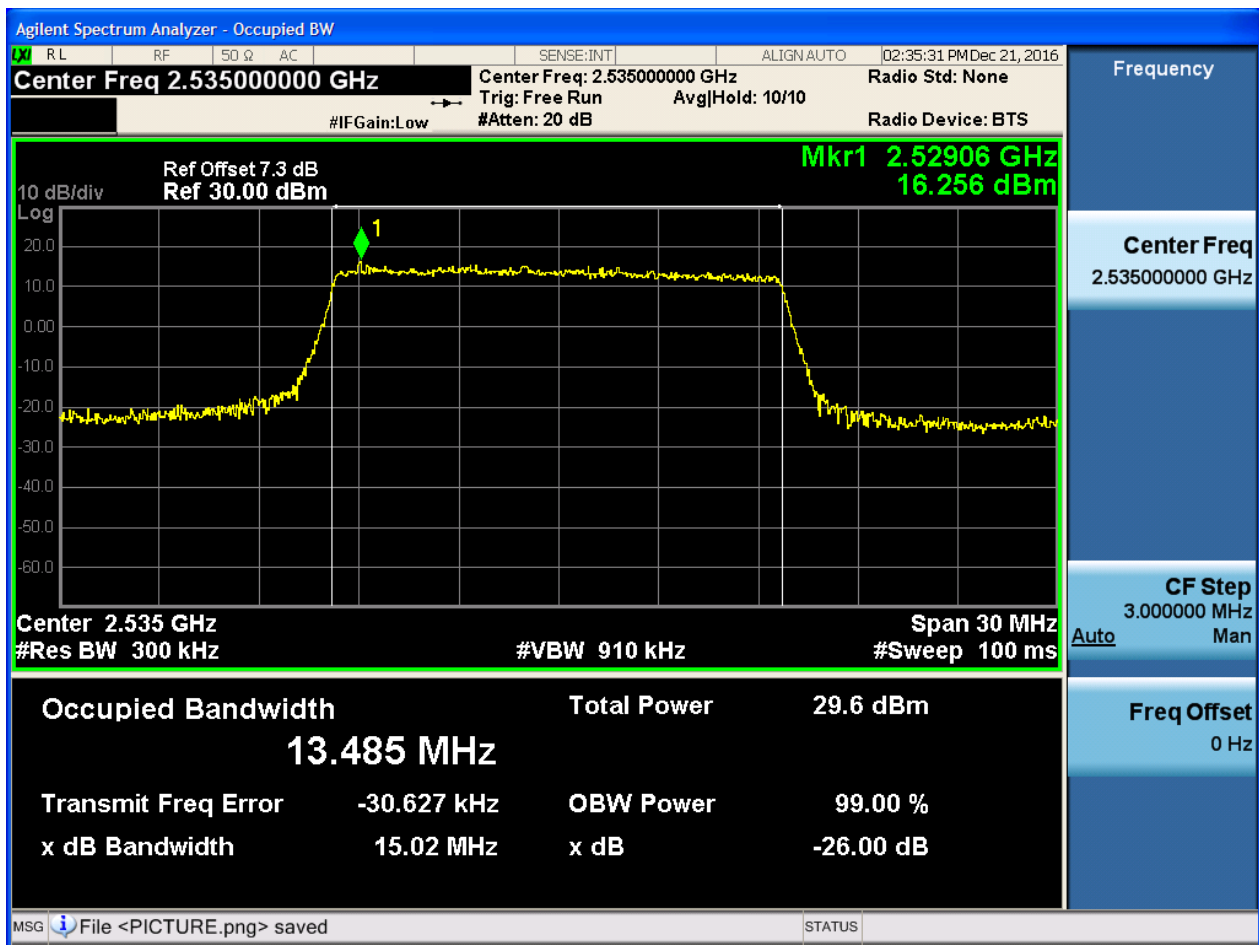
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

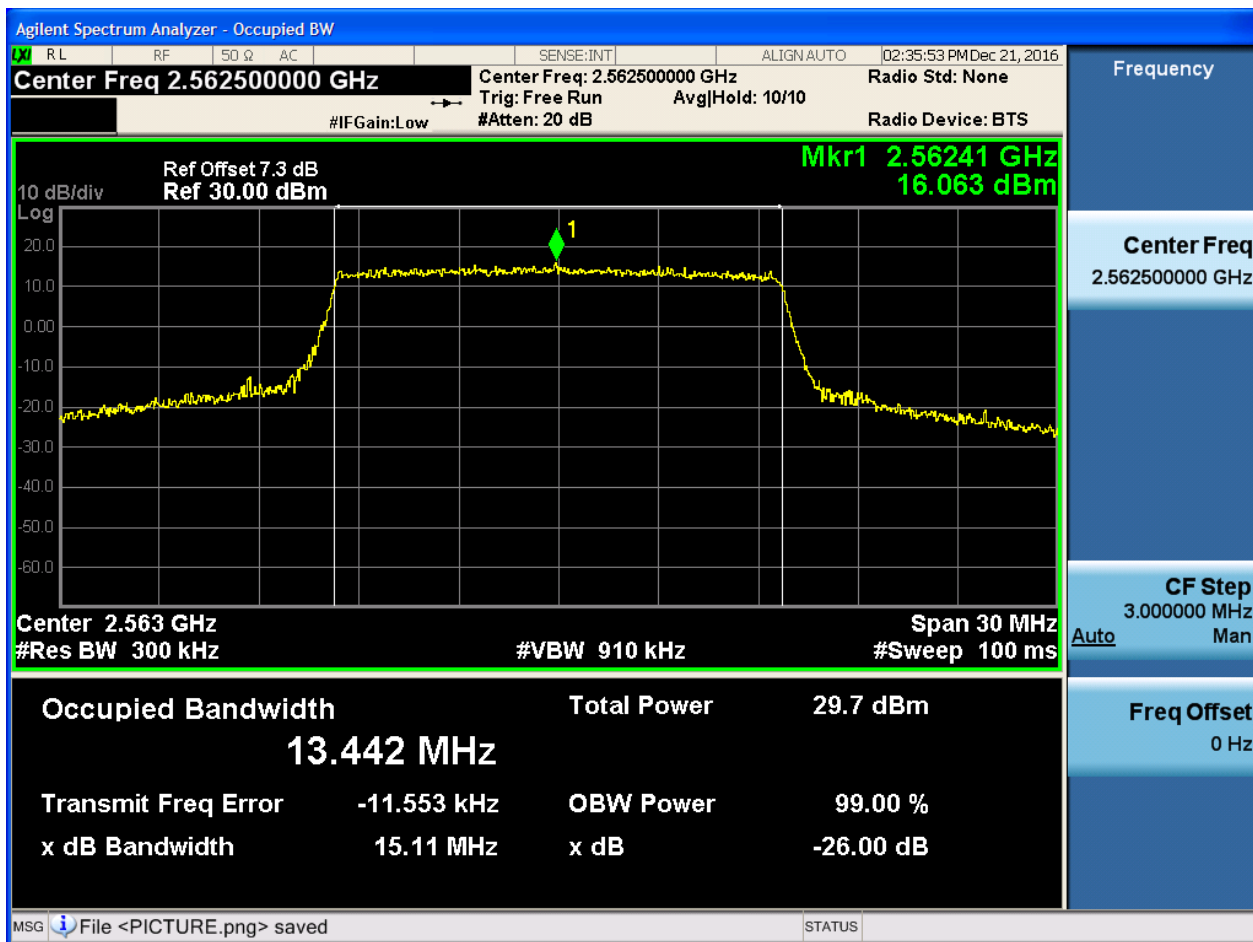
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

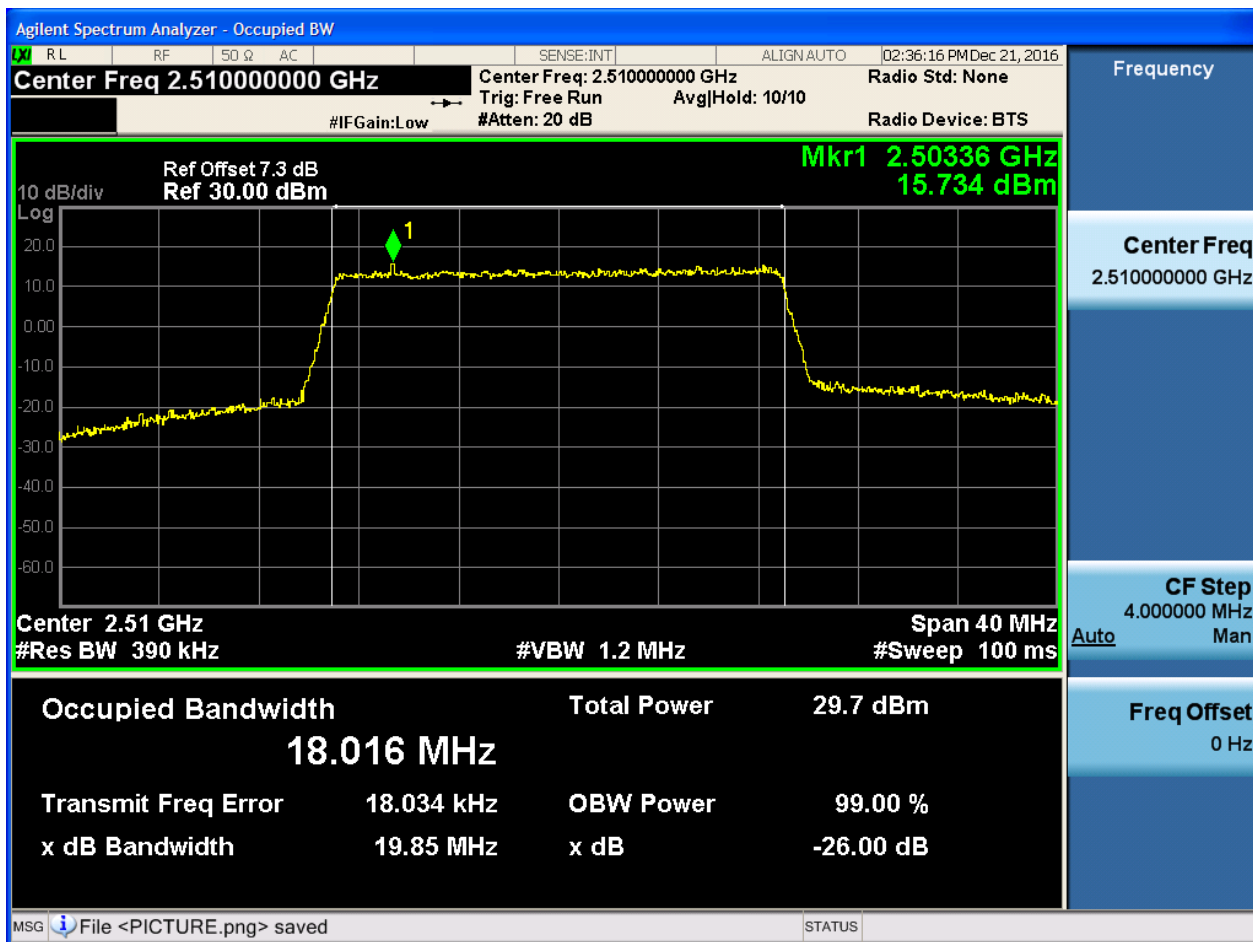




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

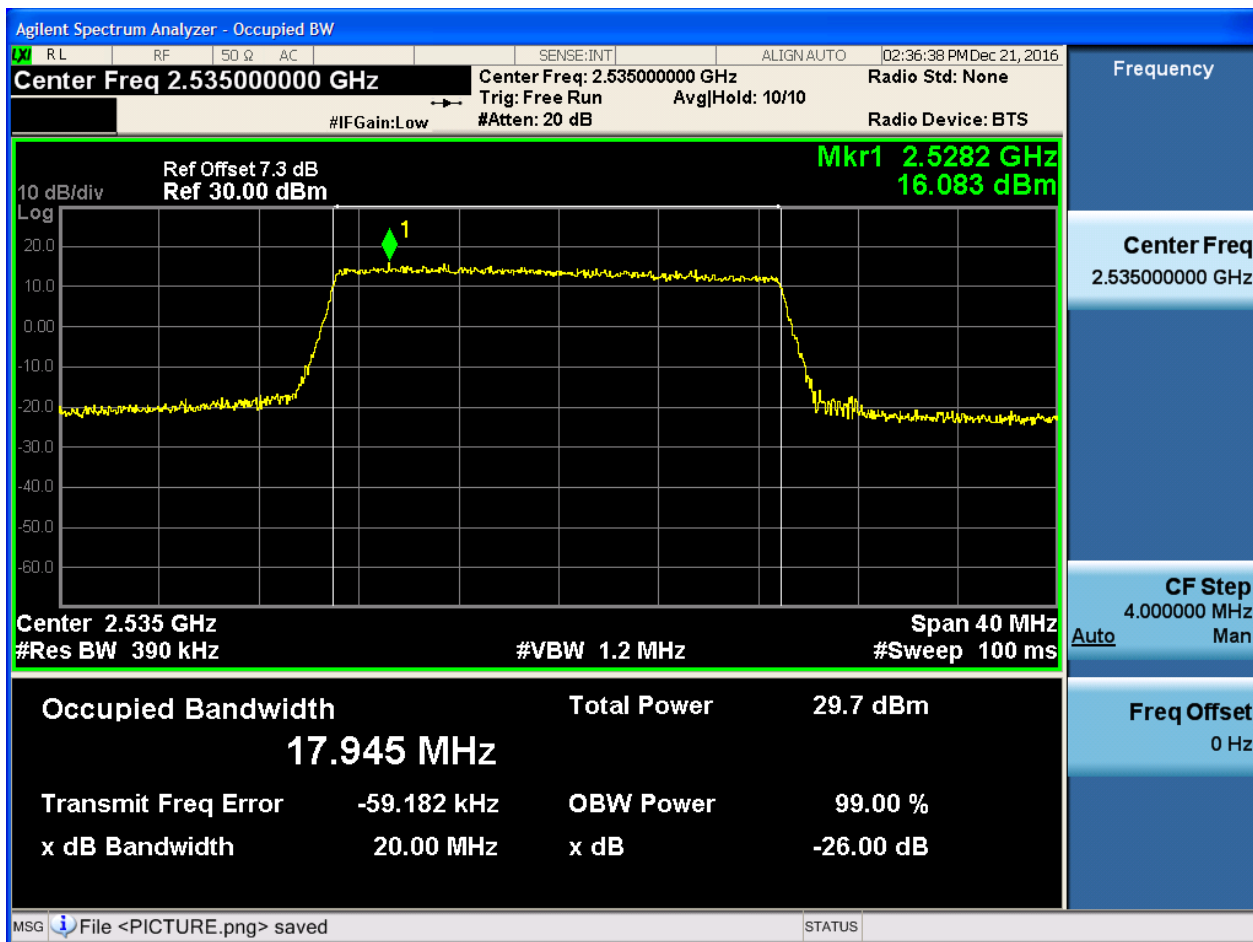
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

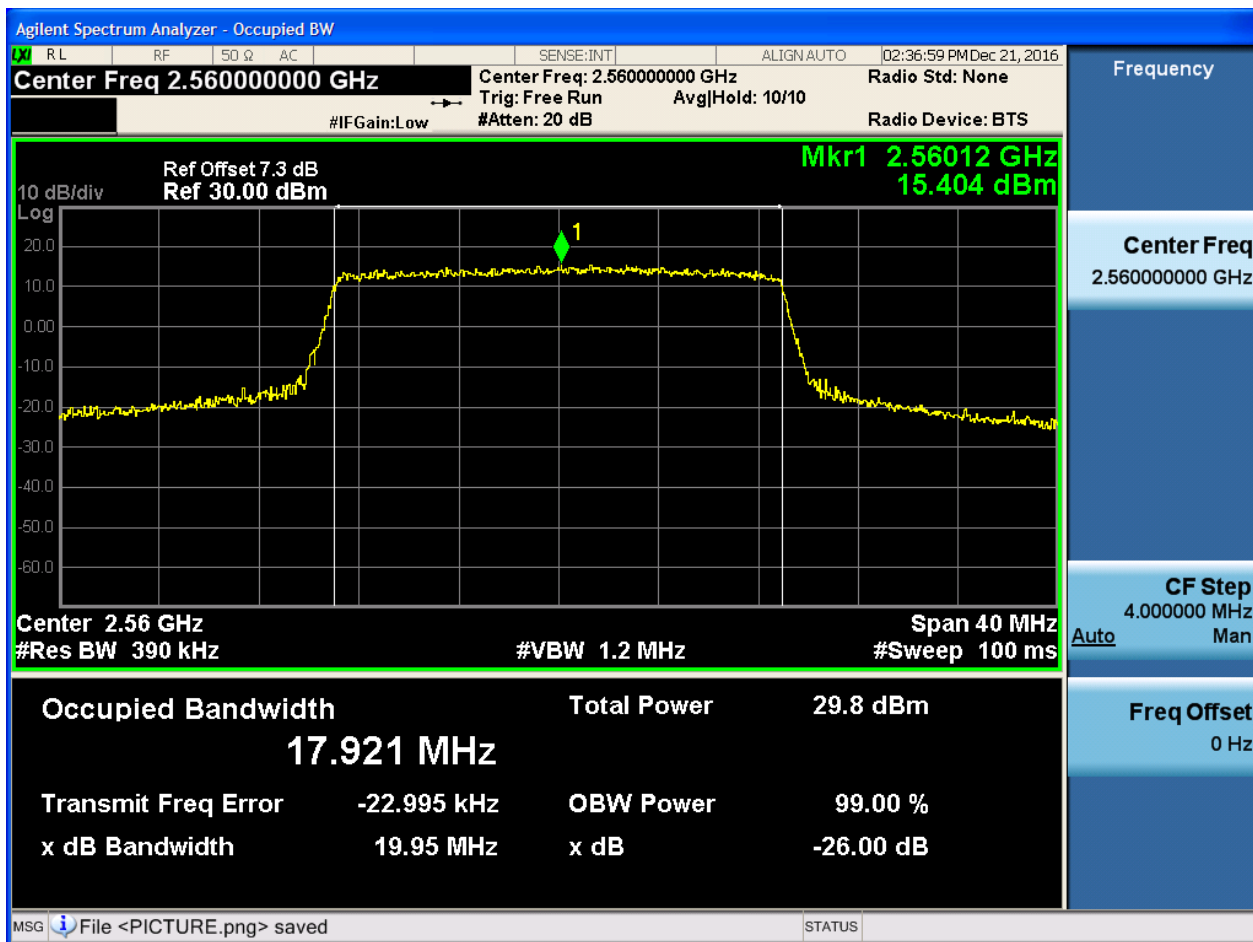
4.1.1.2.4.2.1 Test RB = RB100#0





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

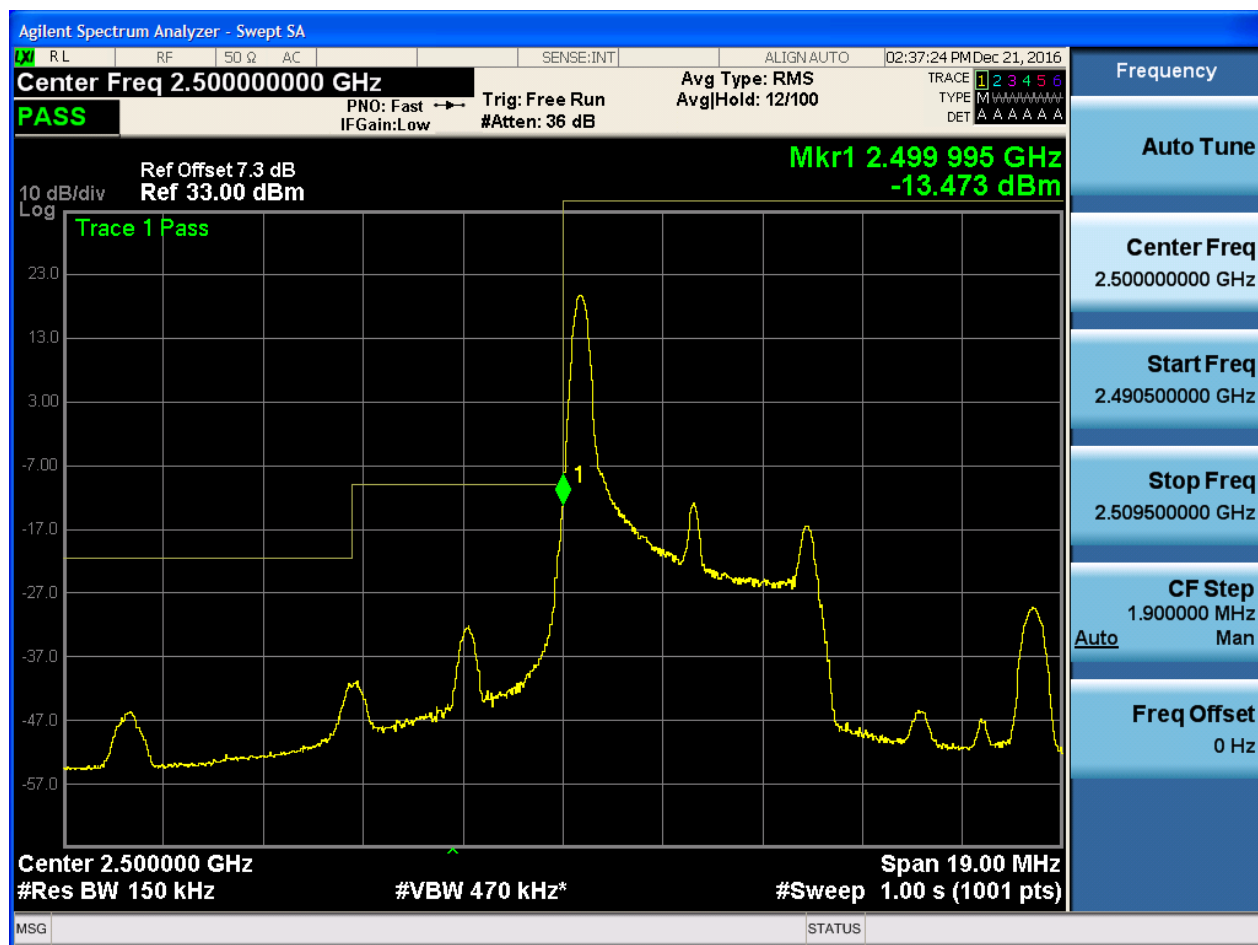
5.2.2 Test Band = BAND7

5.2.2.1 Test Mode = LTE/TM1

5.2.2.1.1 Test Bandwidth = 5

5.2.2.1.1.1 Test Channel = LCH

5.2.2.1.1.1.1 Test RB = RB1#0



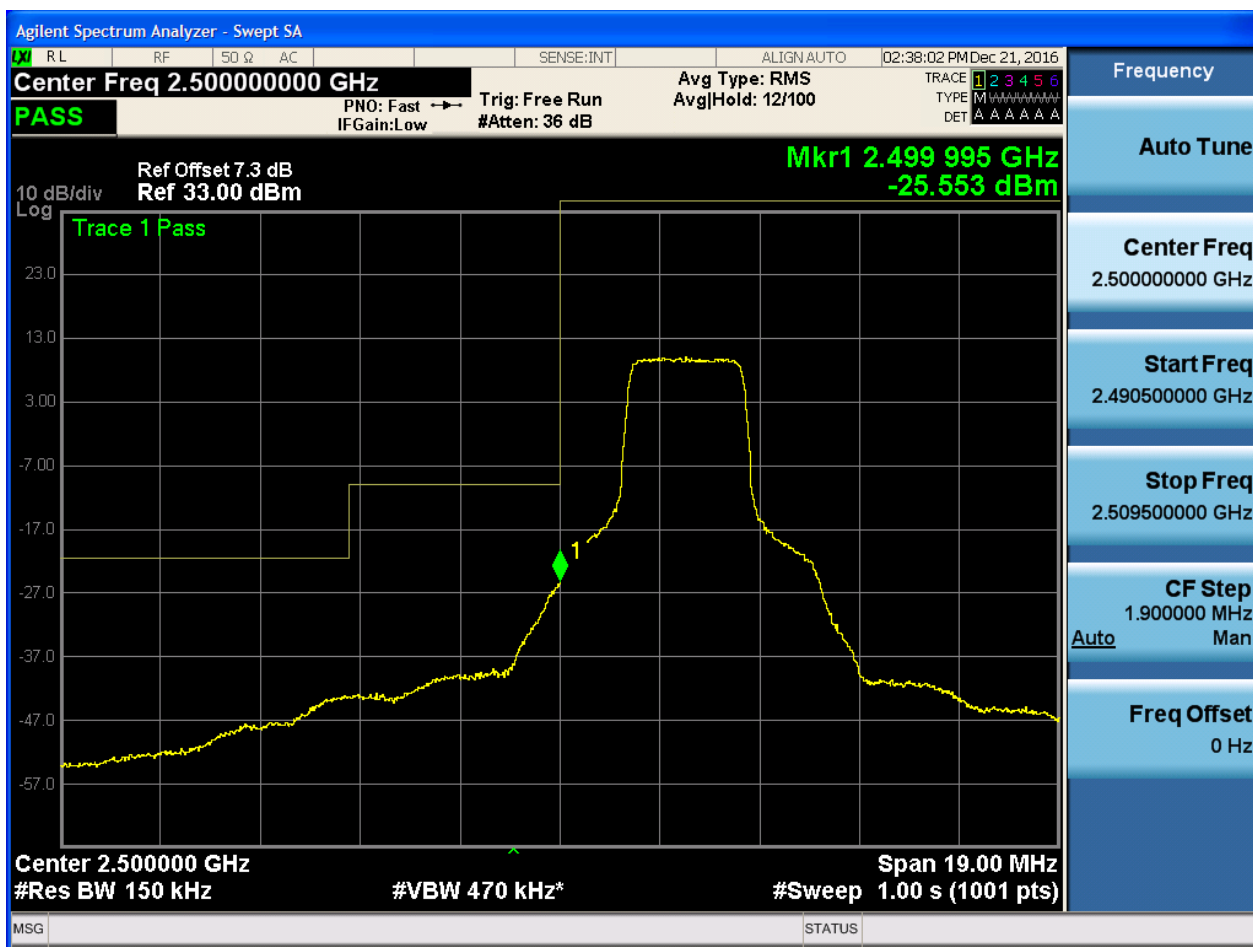


5.2.2.1.1.2 Test RB = RB1#24





5.2.2.1.1.1.3 Test RB = RB12#6





5.2.2.1.1.1.4 Test RB = RB25#0



5.2.2.1.1.2 Test Channel = HCH

5.2.2.1.1.2.1 Test RB = RB1#0



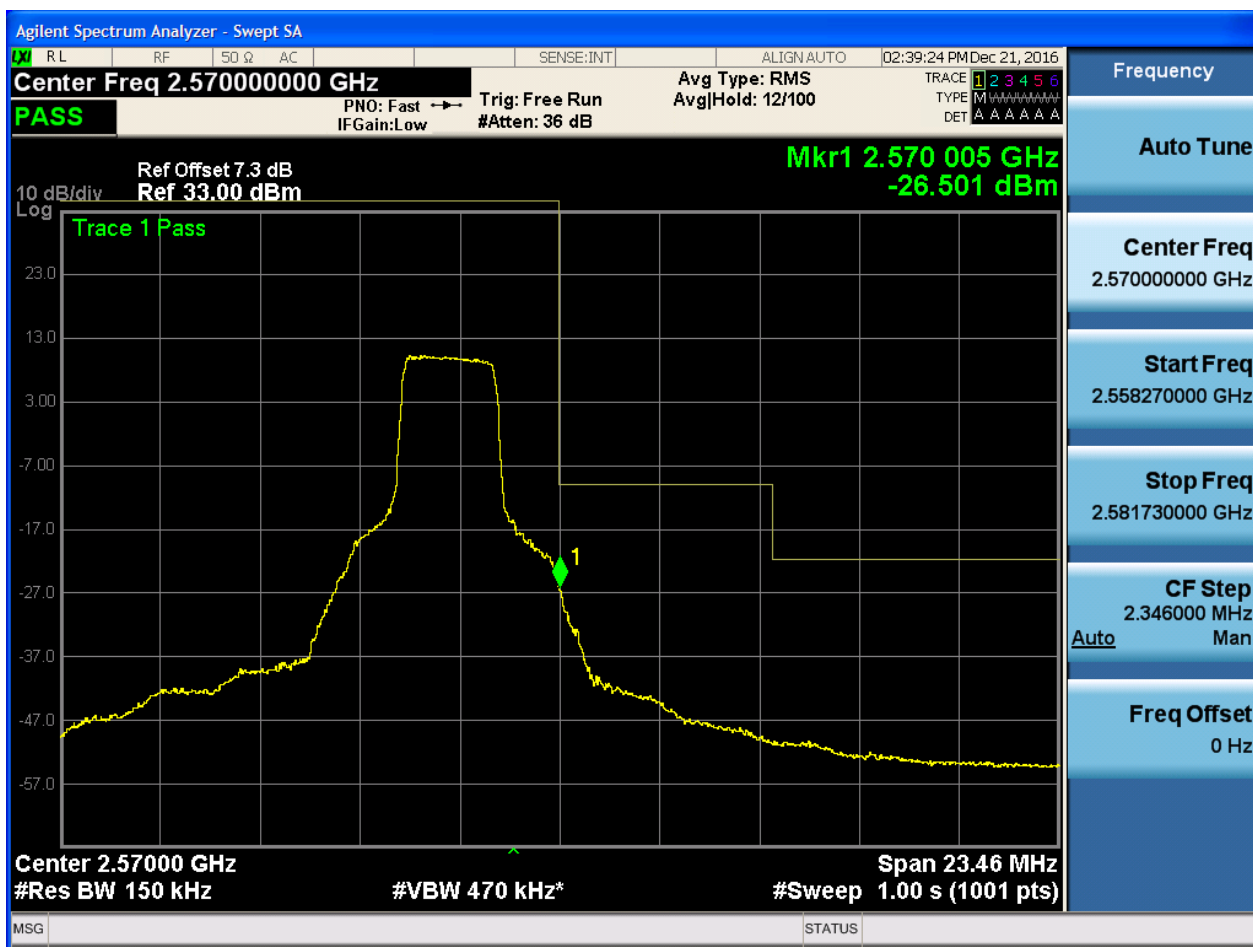


5.2.2.1.1.2.2 Test RB = RB1#24

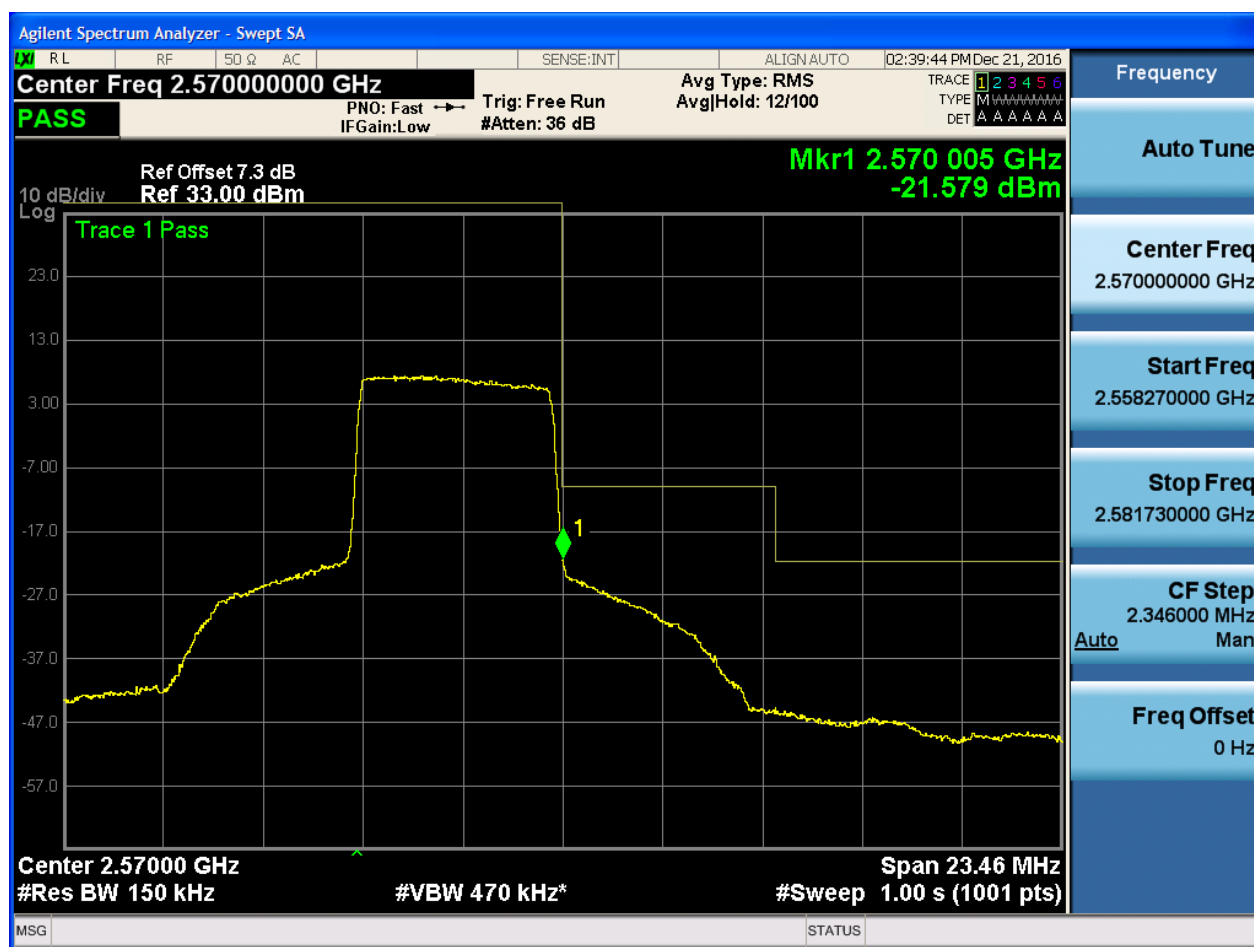




5.2.2.1.1.2.3 Test RB = RB12#6



5.2.2.1.1.2.4 Test RB = RB25#0

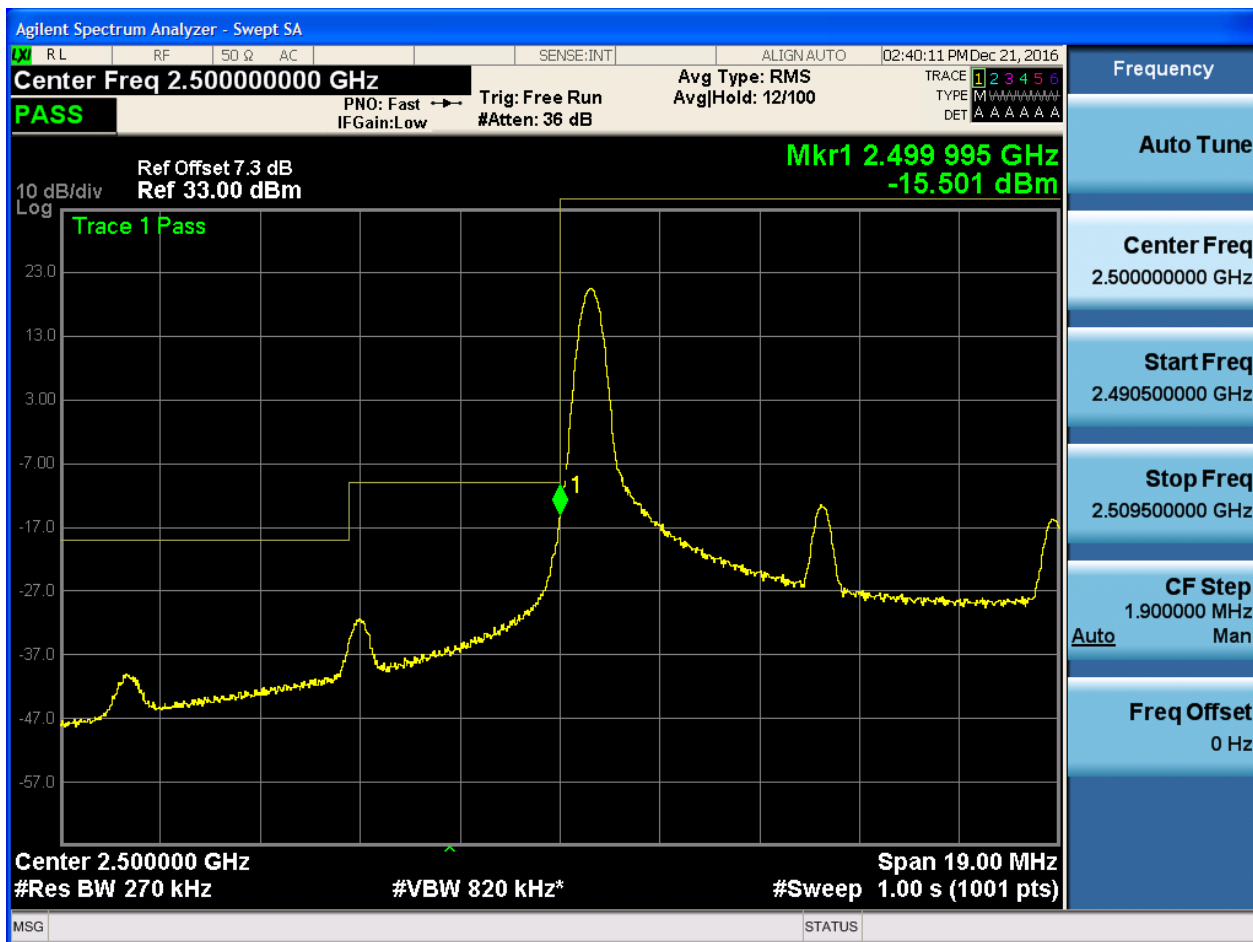




5.2.2.1.2 Test Bandwidth = 10

5.2.2.1.2.1 Test Channel = LCH

5.2.2.1.2.1.1 Test RB = RB1#0



5.2.2.1.2.1.2 Test RB = RB1#49





5.2.2.1.2.1.3 Test RB = RB25#13





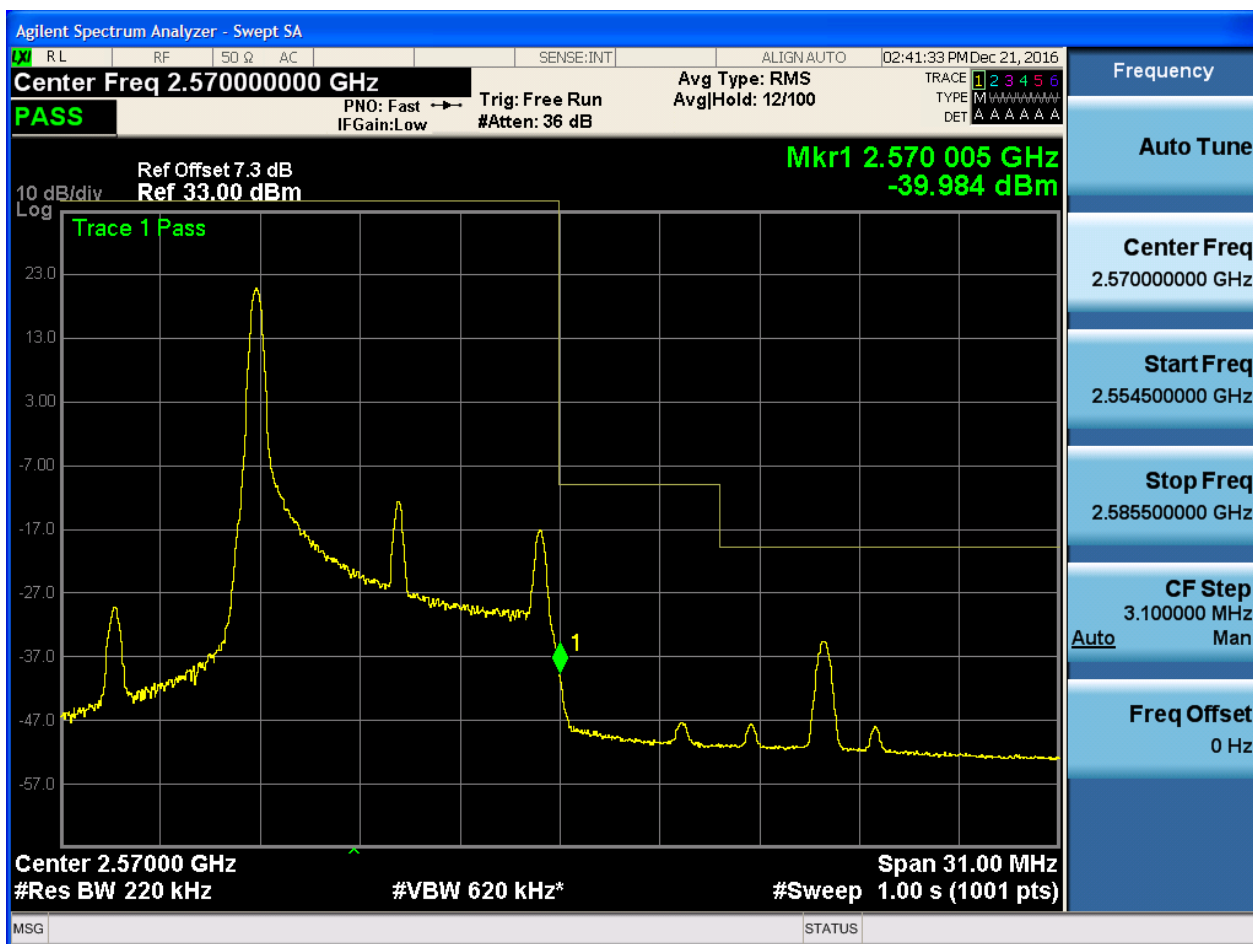
5.2.2.1.2.1.4 Test RB = RB50#0





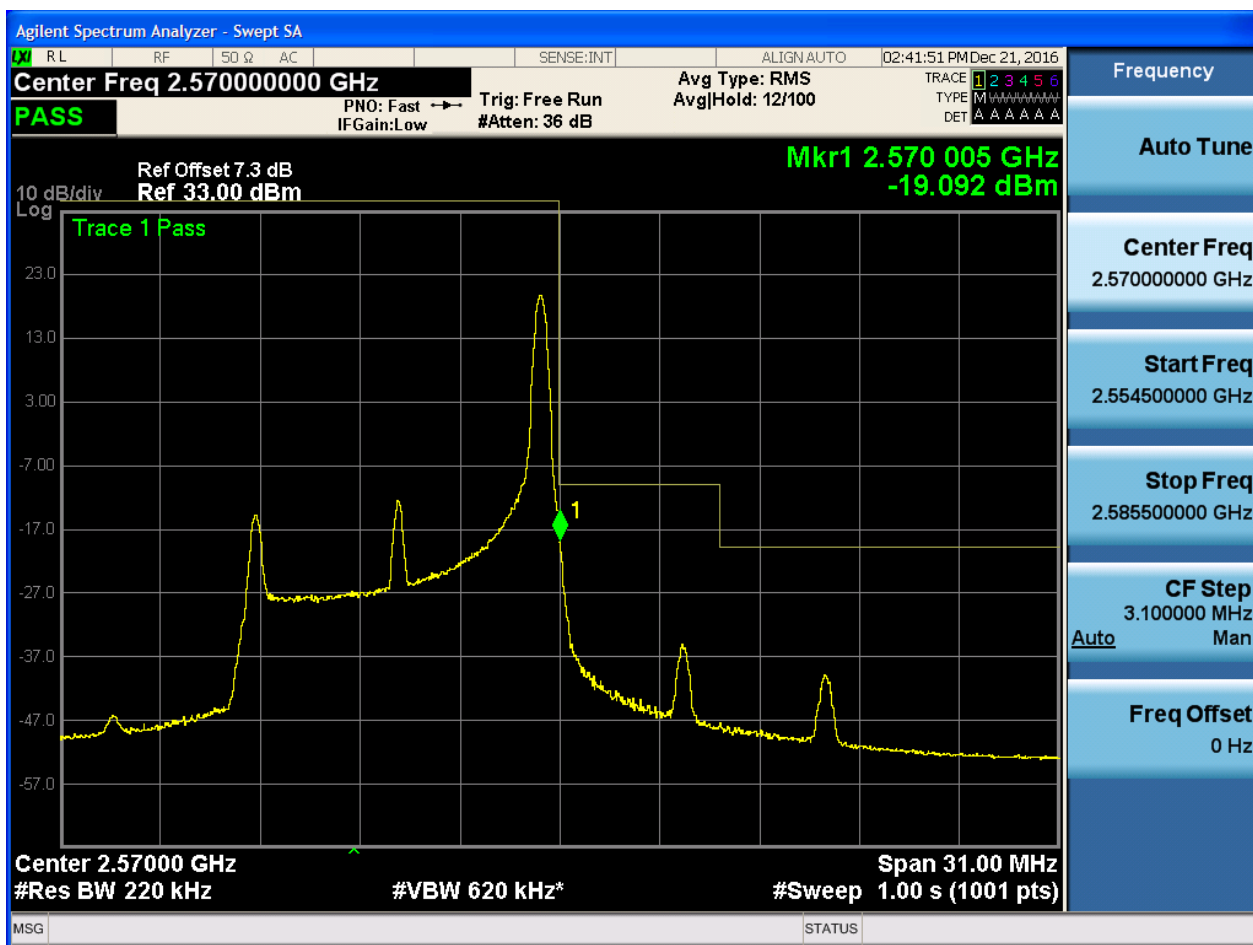
5.2.2.1.2.2 Test Channel = HCH

5.2.2.1.2.2.1 Test RB = RB1#0





5.2.2.1.2.2.2 Test RB = RB1#49





5.2.2.1.2.2.3 Test RB = RB25#13





5.2.2.1.2.2.4 Test RB = RB50#0

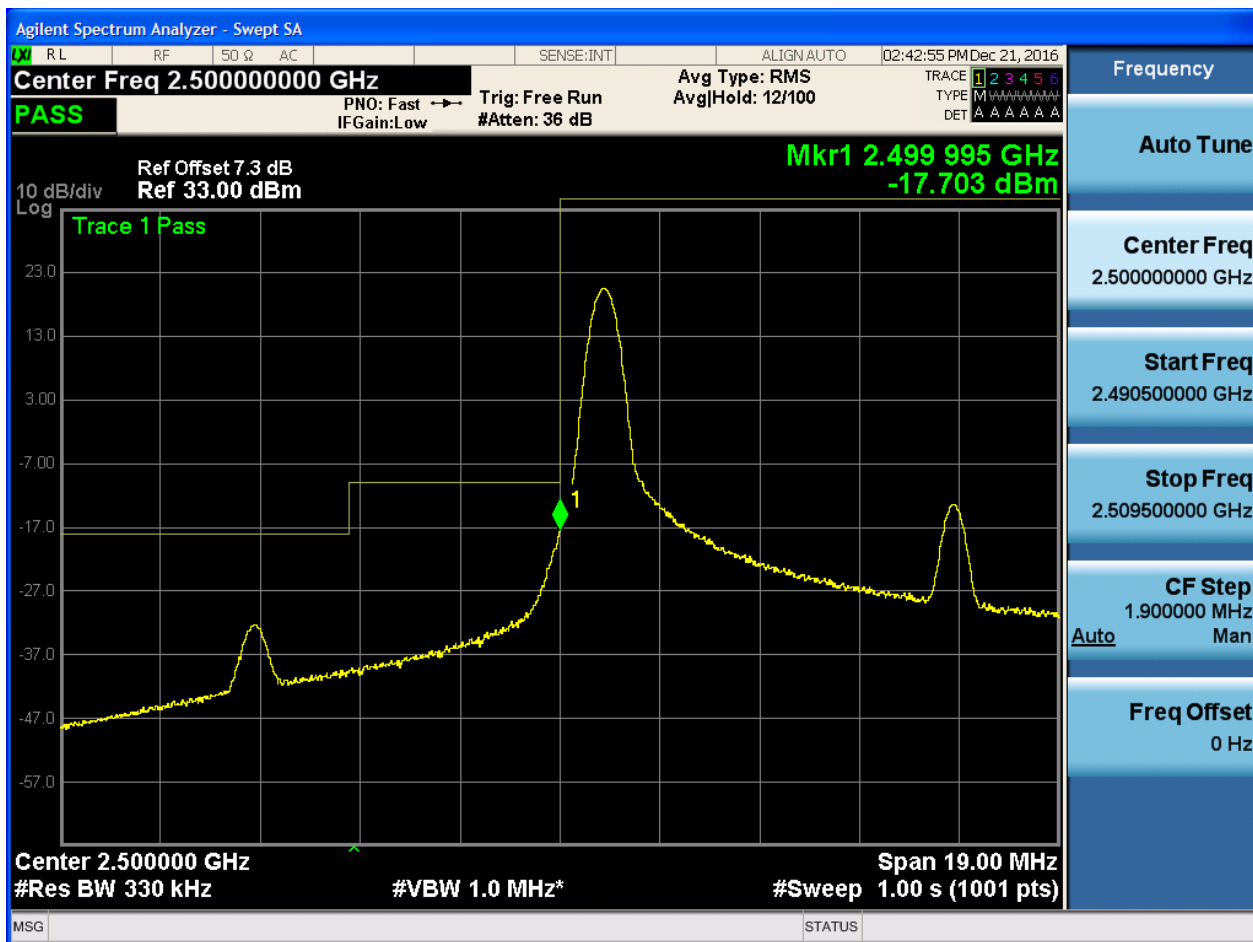




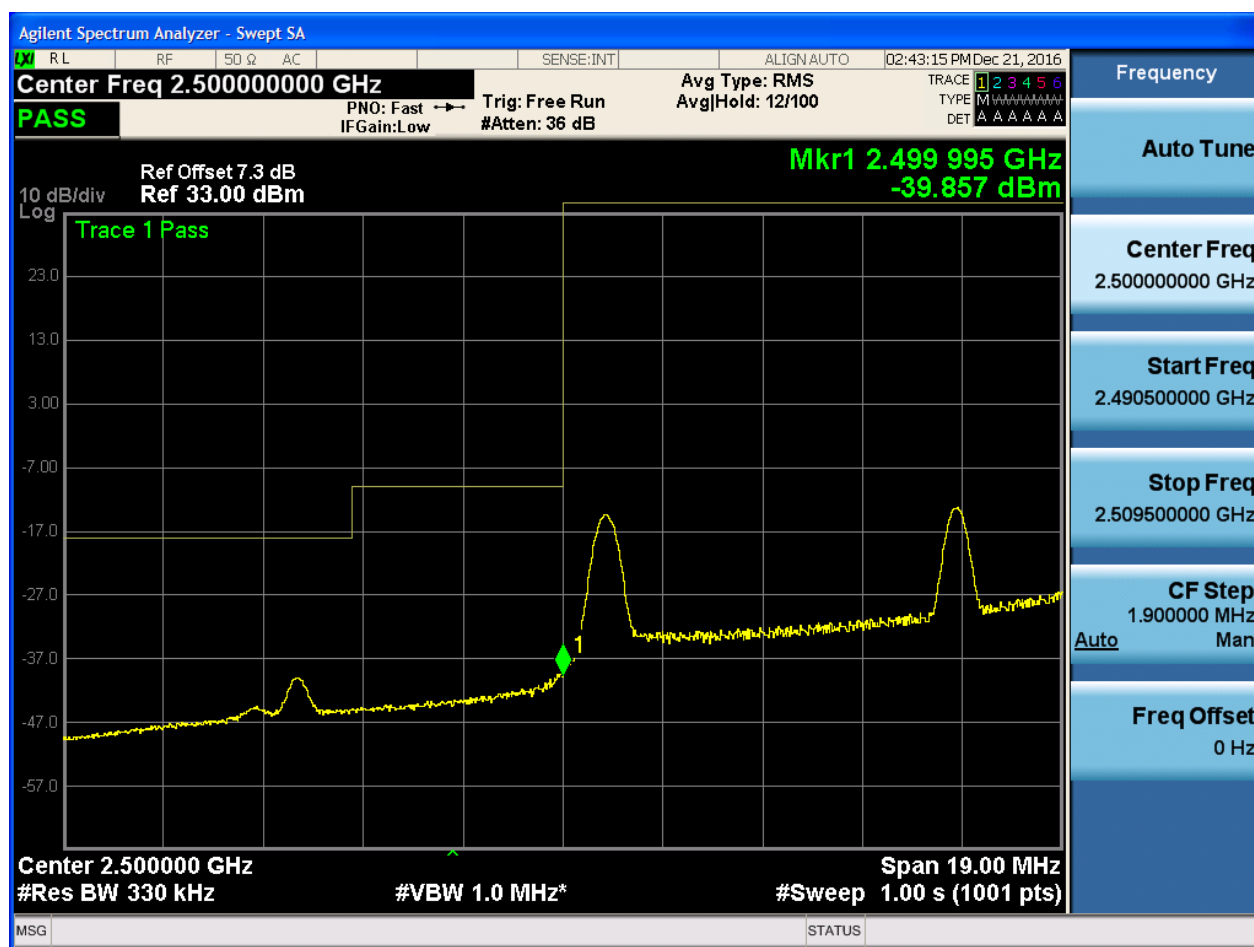
5.2.2.1.3 Test Bandwidth = 15

5.2.2.1.3.1 Test Channel = LCH

5.2.2.1.3.1.1 Test RB = RB1#0



5.2.2.1.3.1.2 Test RB = RB1#74





5.2.2.1.3.1.3 Test RB = RB36#18



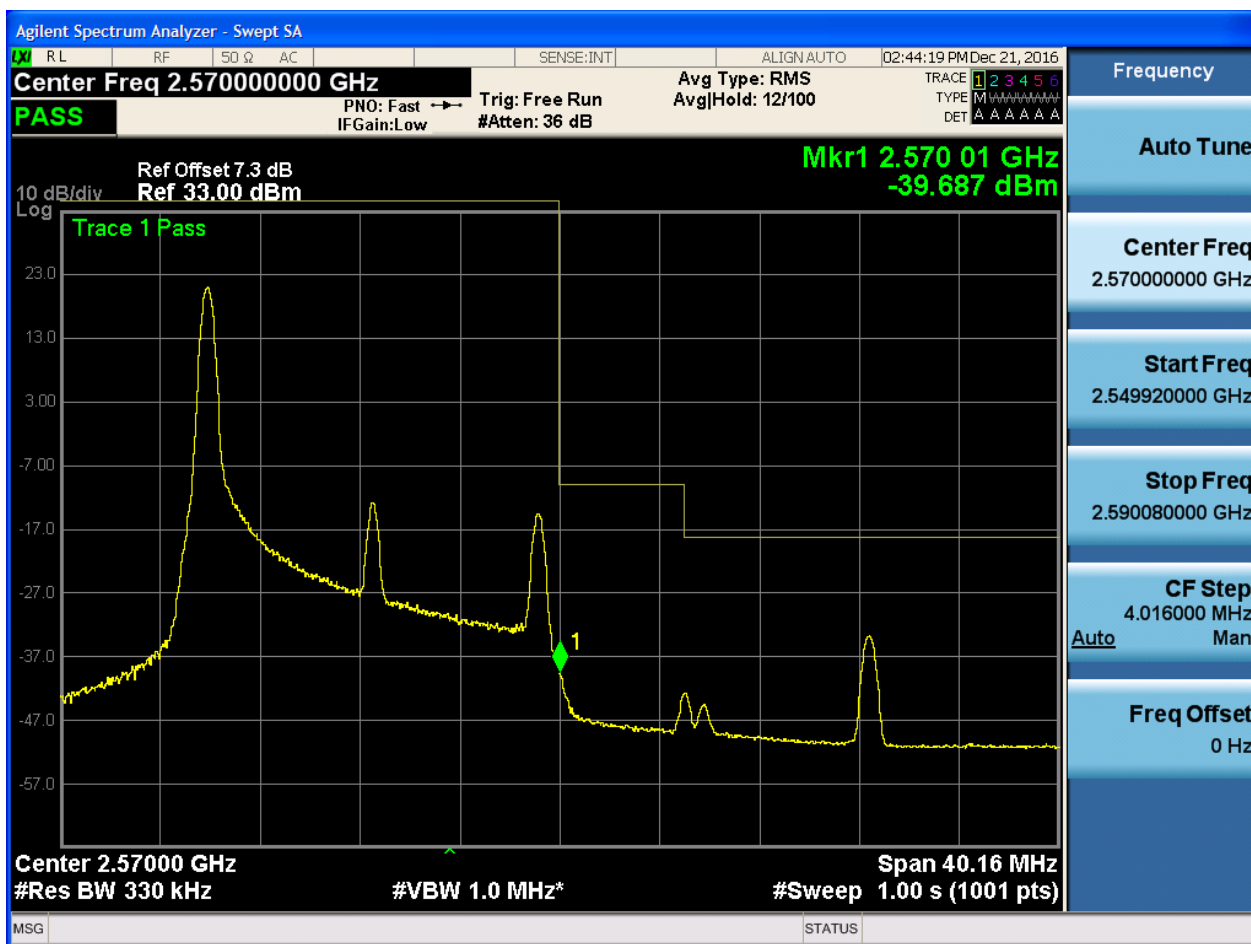


5.2.2.1.3.1.4 Test RB = RB75#0



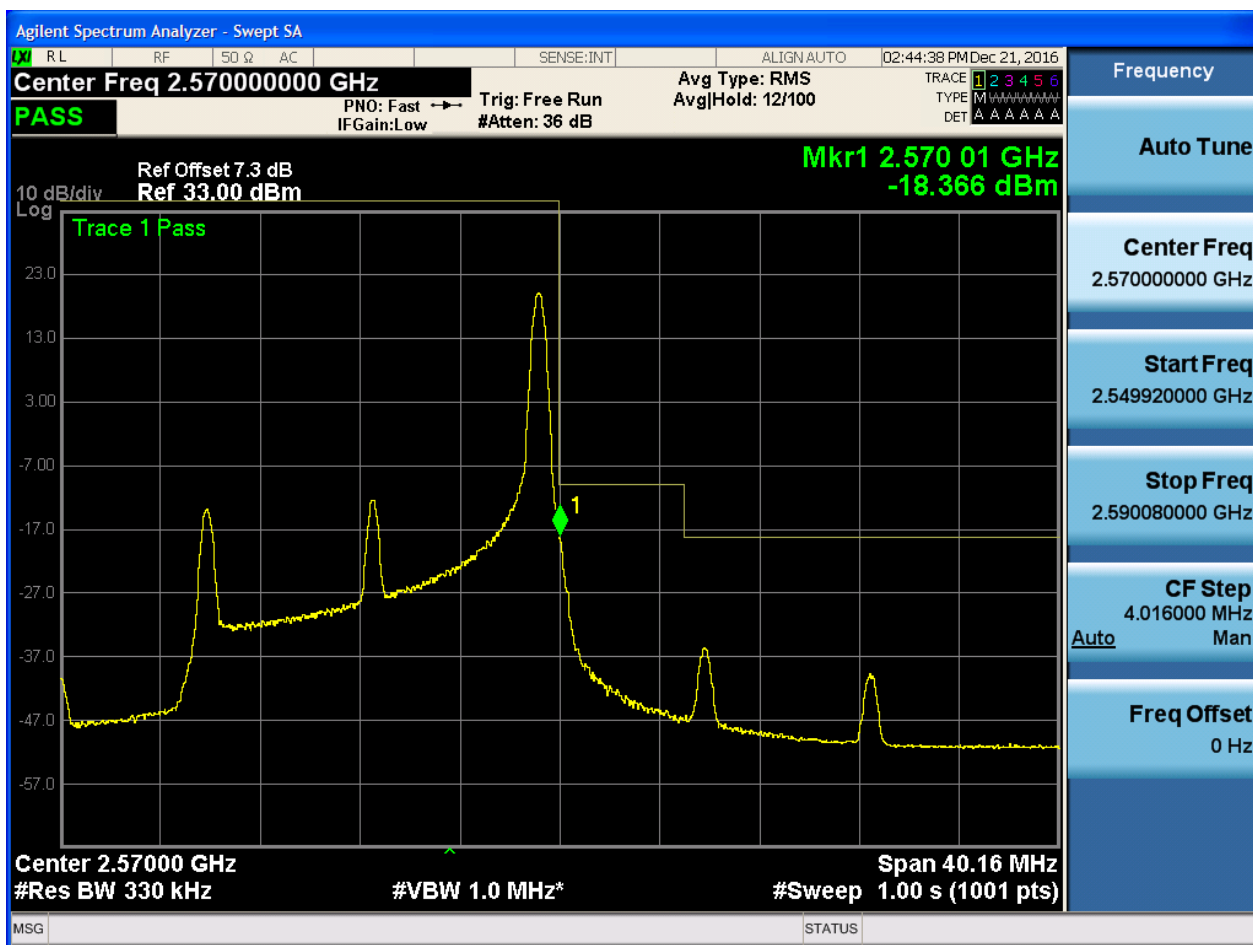
5.2.2.1.3.2 Test Channel = HCH

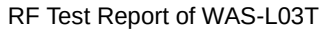
5.2.2.1.3.2.1 Test RB = RB1#0





5.2.2.1.3.2.2 Test RB = RB1#74





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.57000000 GHz

Ref Offset 7.3 dB
Ref 33.00 dBm

Trace 1 Pass

Mkr1 2.5701 GHz
-27.504 dBm

10 dB/div
Log

Center 2.57000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Span 40.16 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.57000000 GHz

Start Freq
2.549920000 GHz

Stop Freq
2.590080000 GHz

CF Step
4.016000 MHz
Man

Freq Offset
0 Hz



5.2.2.1.3.2.4 Test RB = RB75#0

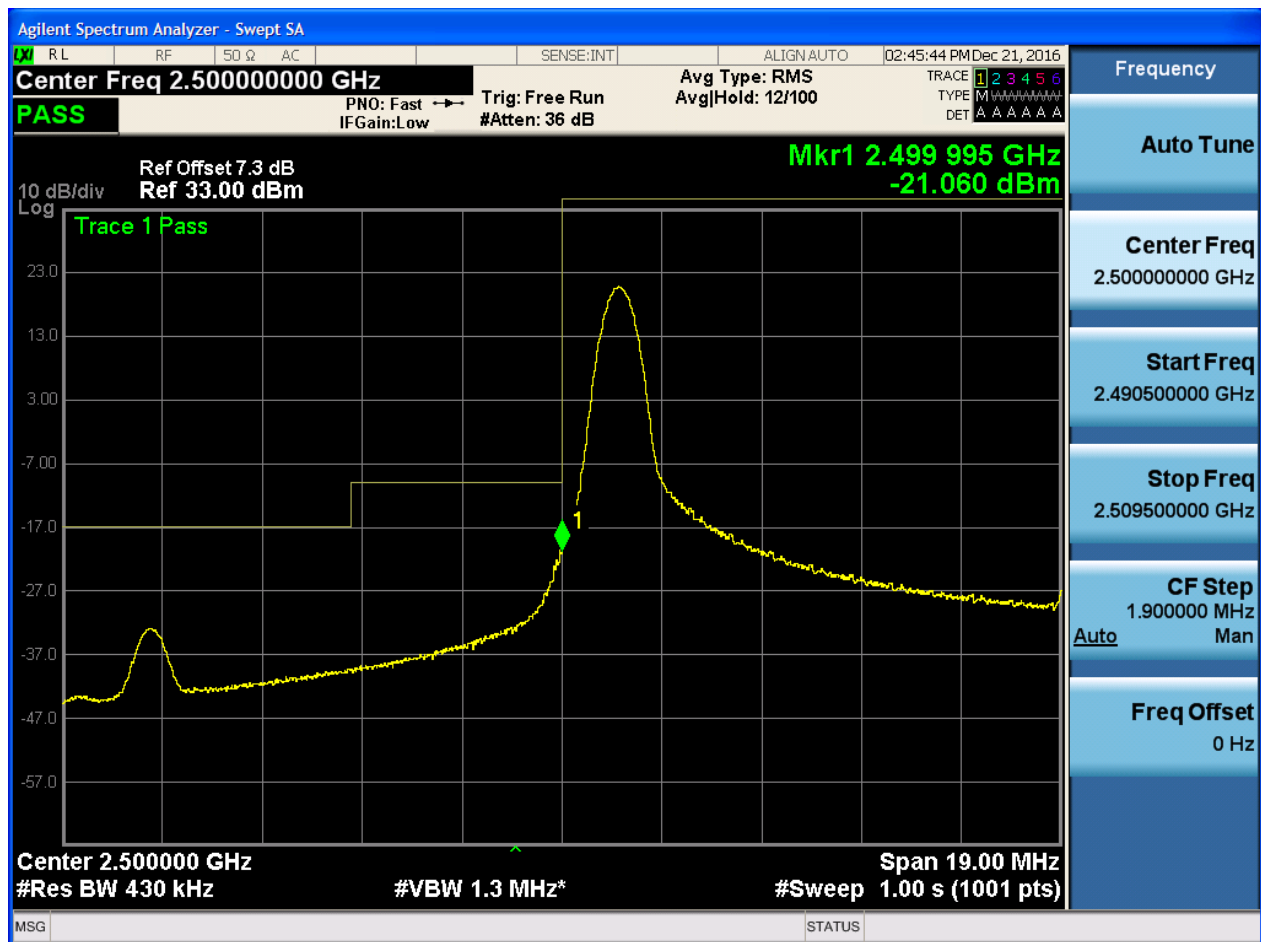




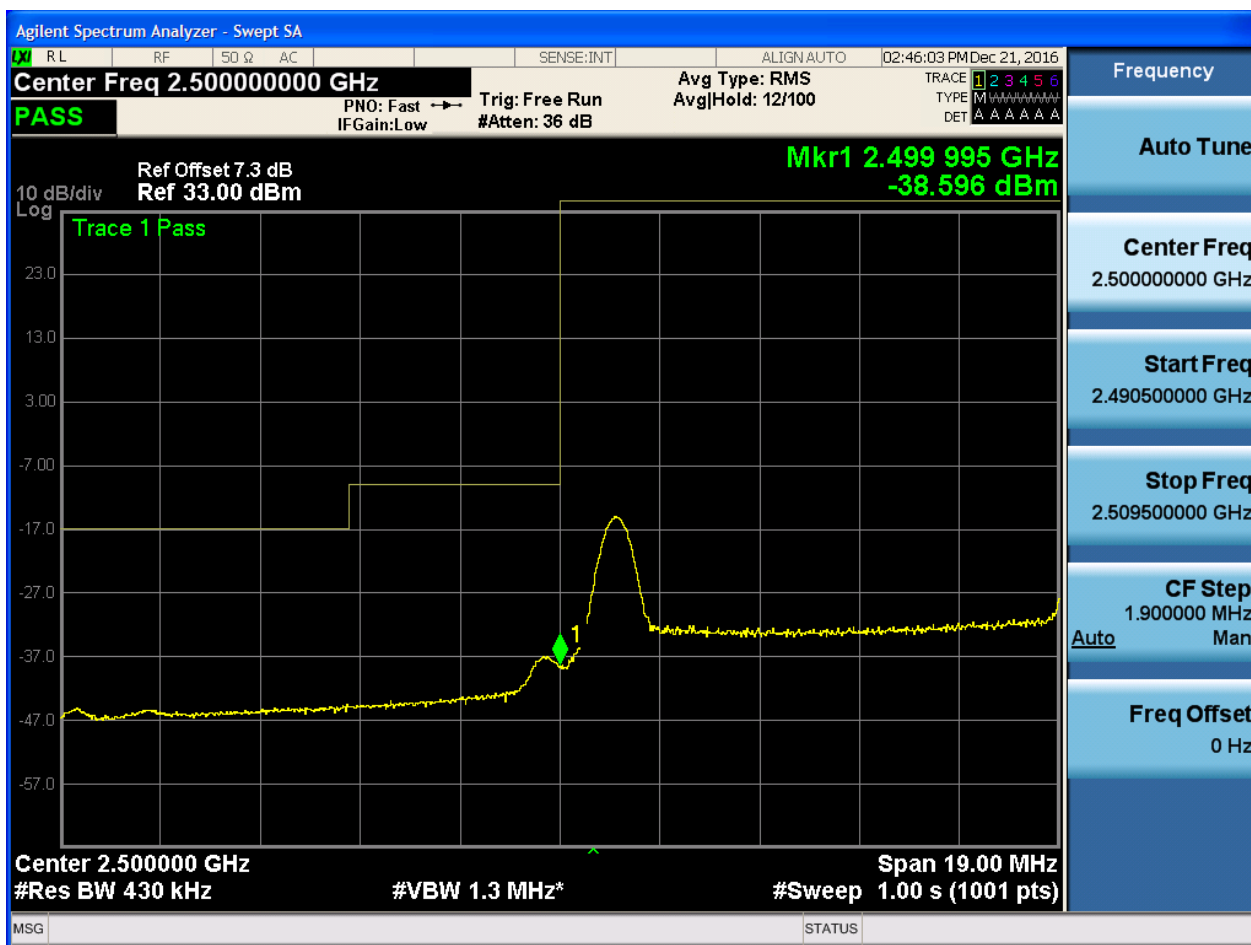
5.2.2.1.4 Test Bandwidth = 20

5.2.2.1.4.1 Test Channel = LCH

5.2.2.1.4.1.1 Test RB = RB1#0



5.2.2.1.4.1.2 Test RB = RB1#99



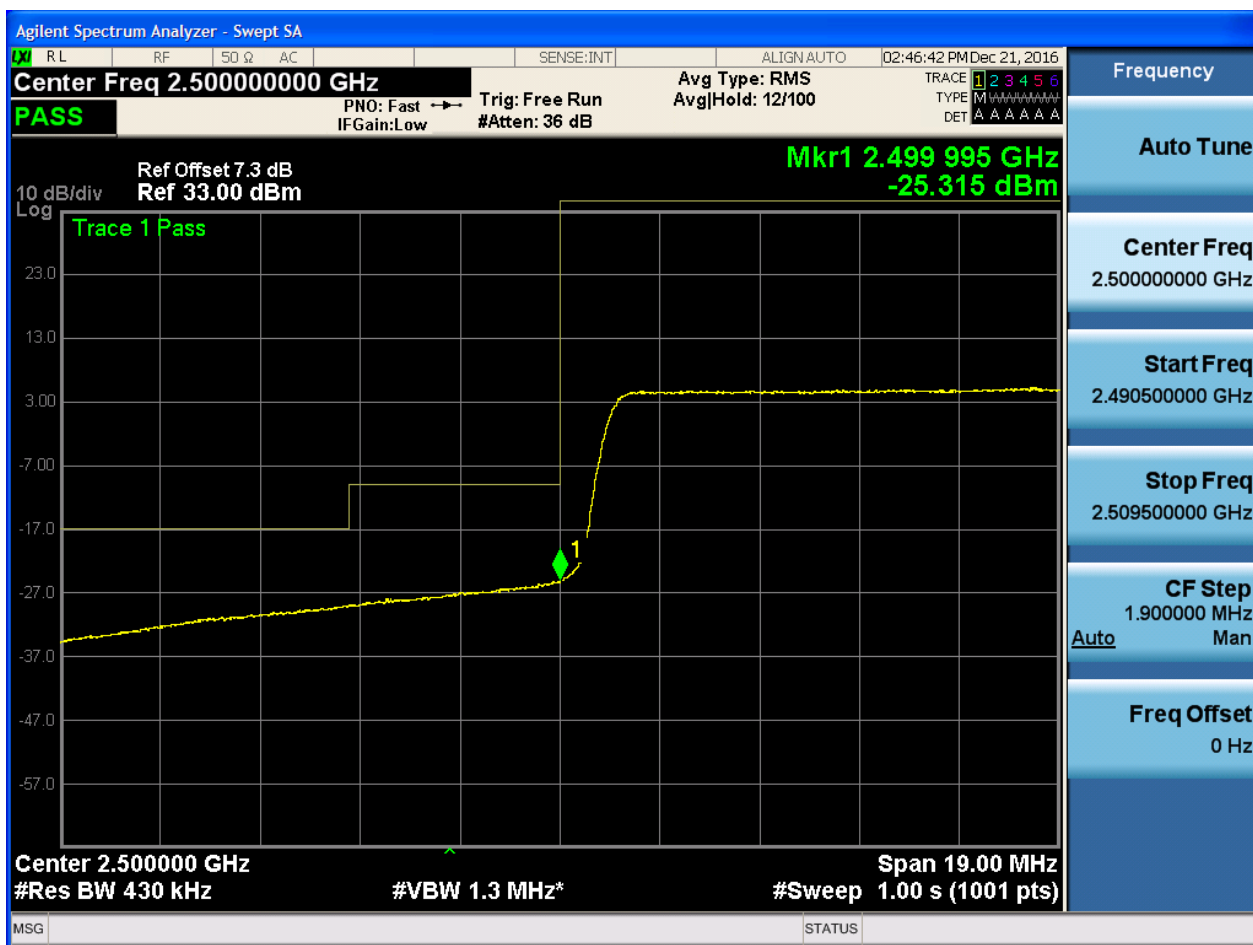


5.2.2.1.4.1.3 Test RB = RB50#25





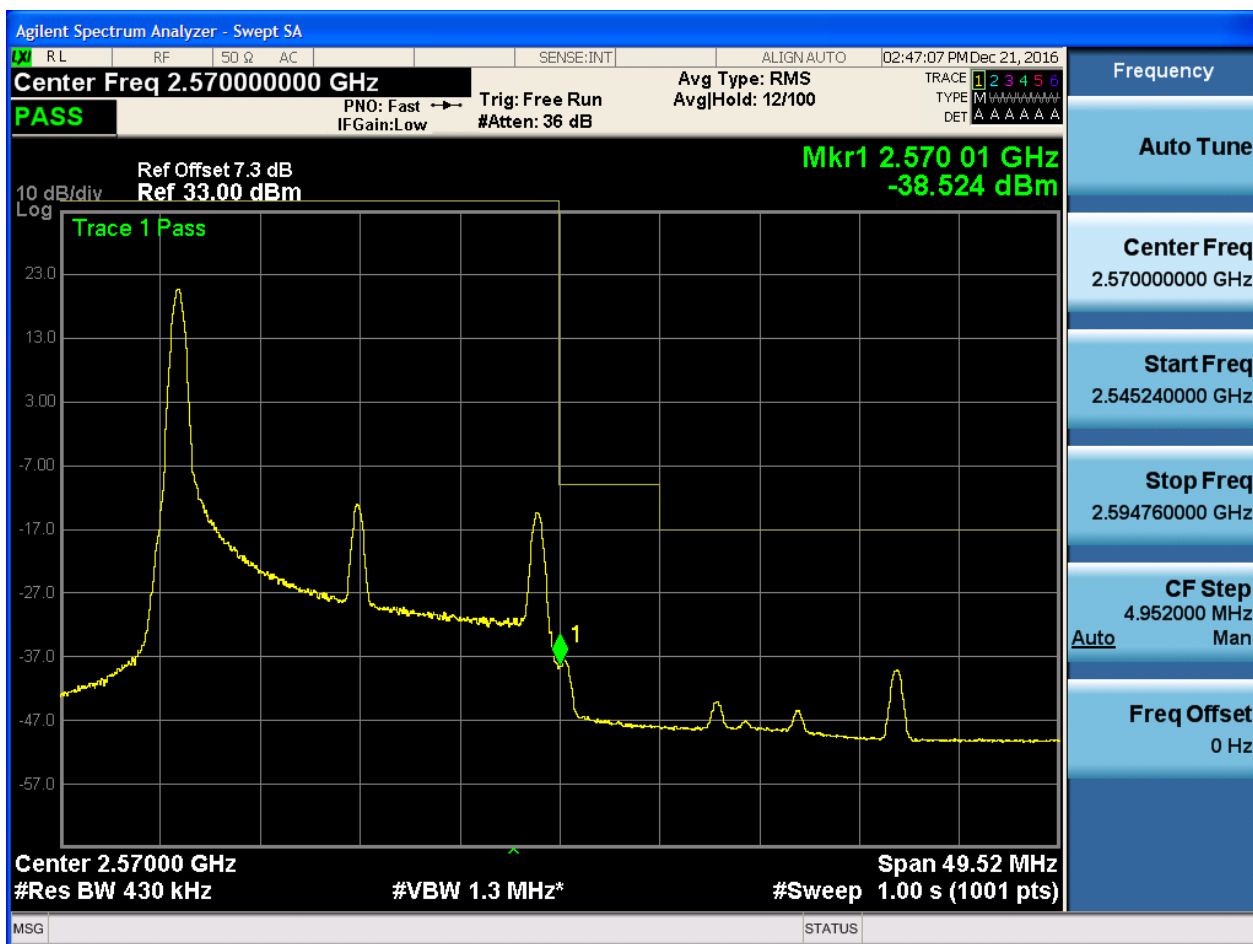
5.2.2.1.4.1.4 Test RB = RB100#0





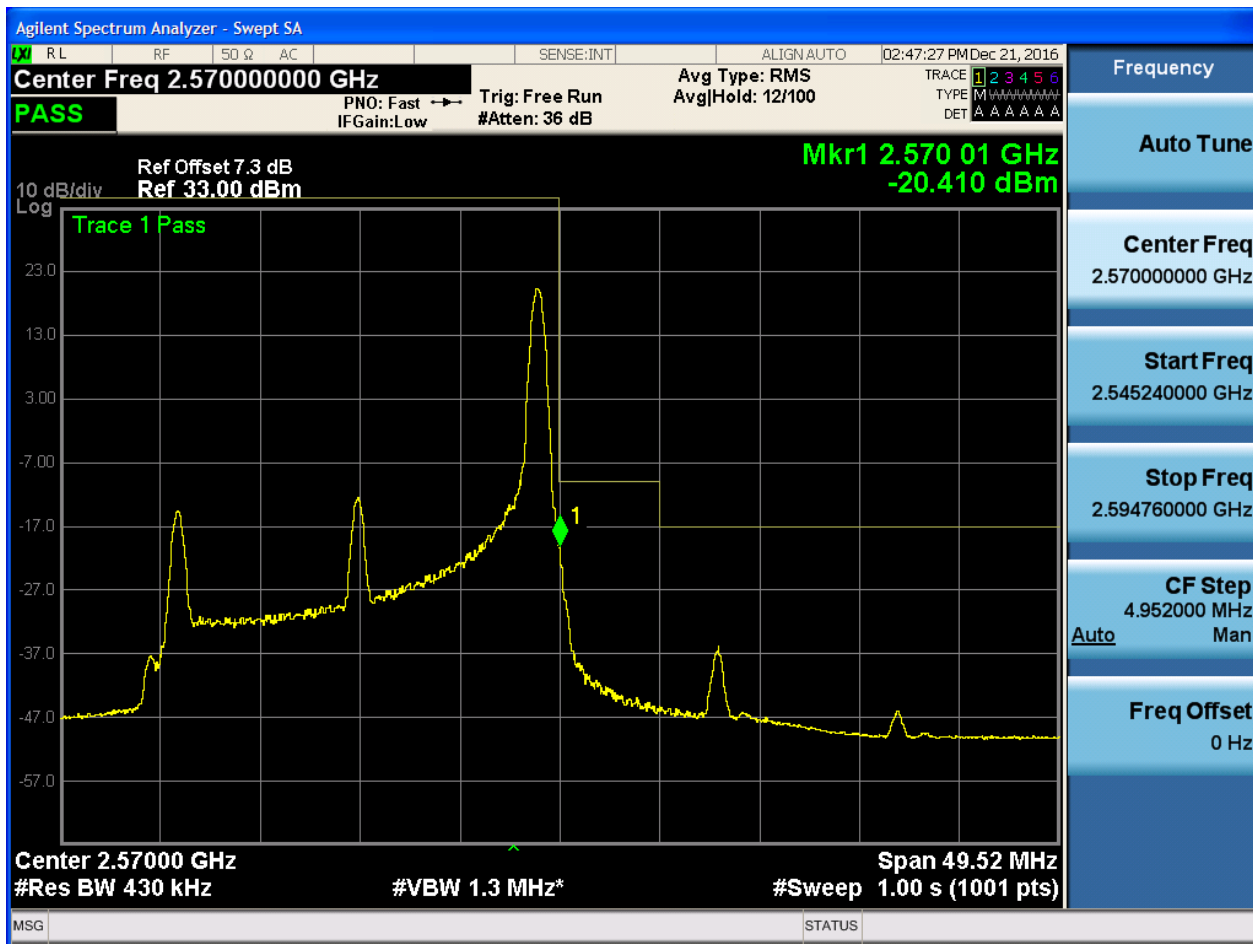
5.2.2.1.4.2 Test Channel = HCH

5.2.2.1.4.2.1 Test RB = RB1#0





5.2.2.1.4.2.2 Test RB = RB1#99





5.2.2.1.4.2.3 Test RB = RB50#25





5.2.2.1.4.2.4 Test RB = RB100#0

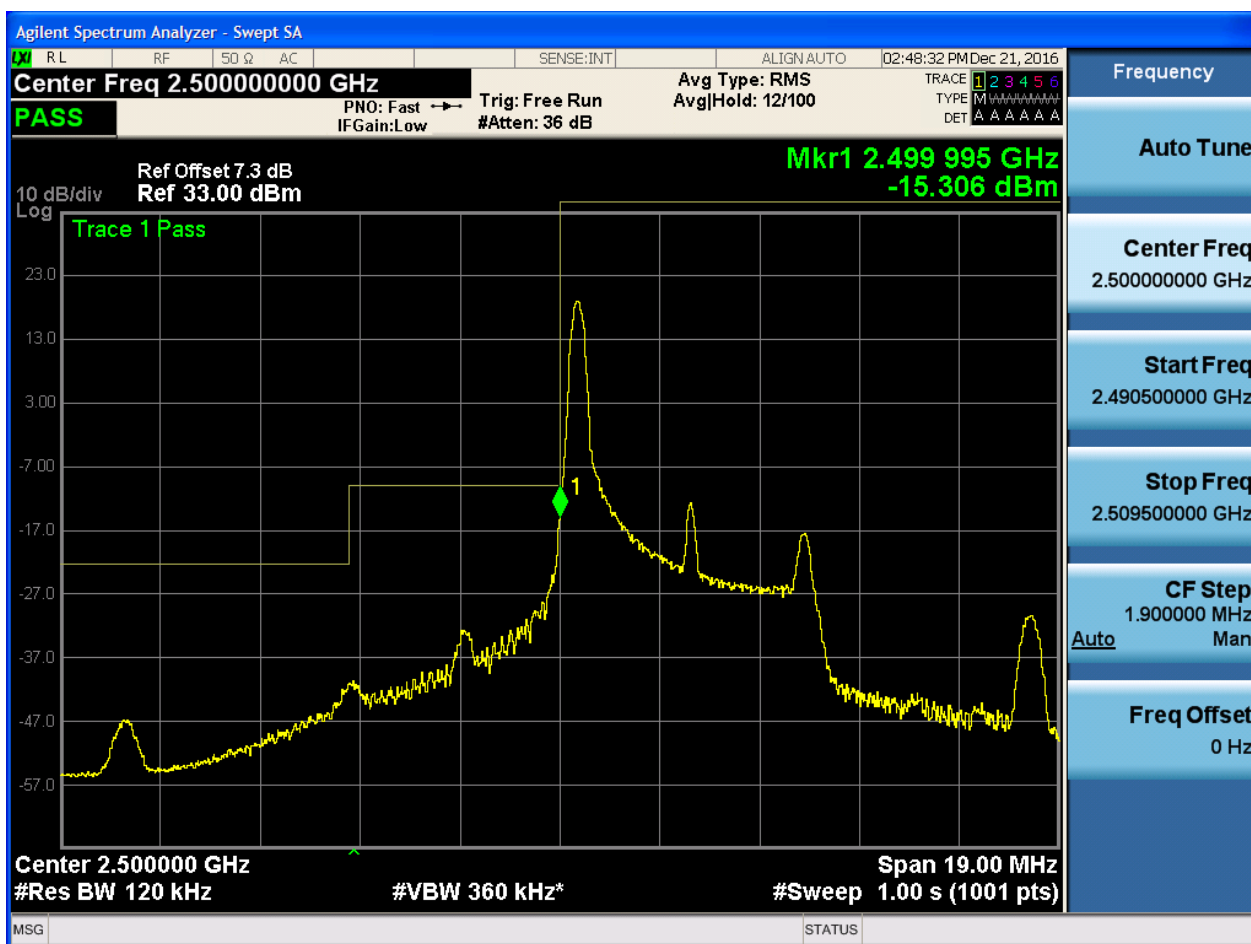


5.2.2.2 Test Mode = LTE/TM2

5.2.2.2.1 Test Bandwidth = 5

5.2.2.2.1.1 Test Channel = LCH

5.2.2.2.1.1.1 Test RB = RB1#0



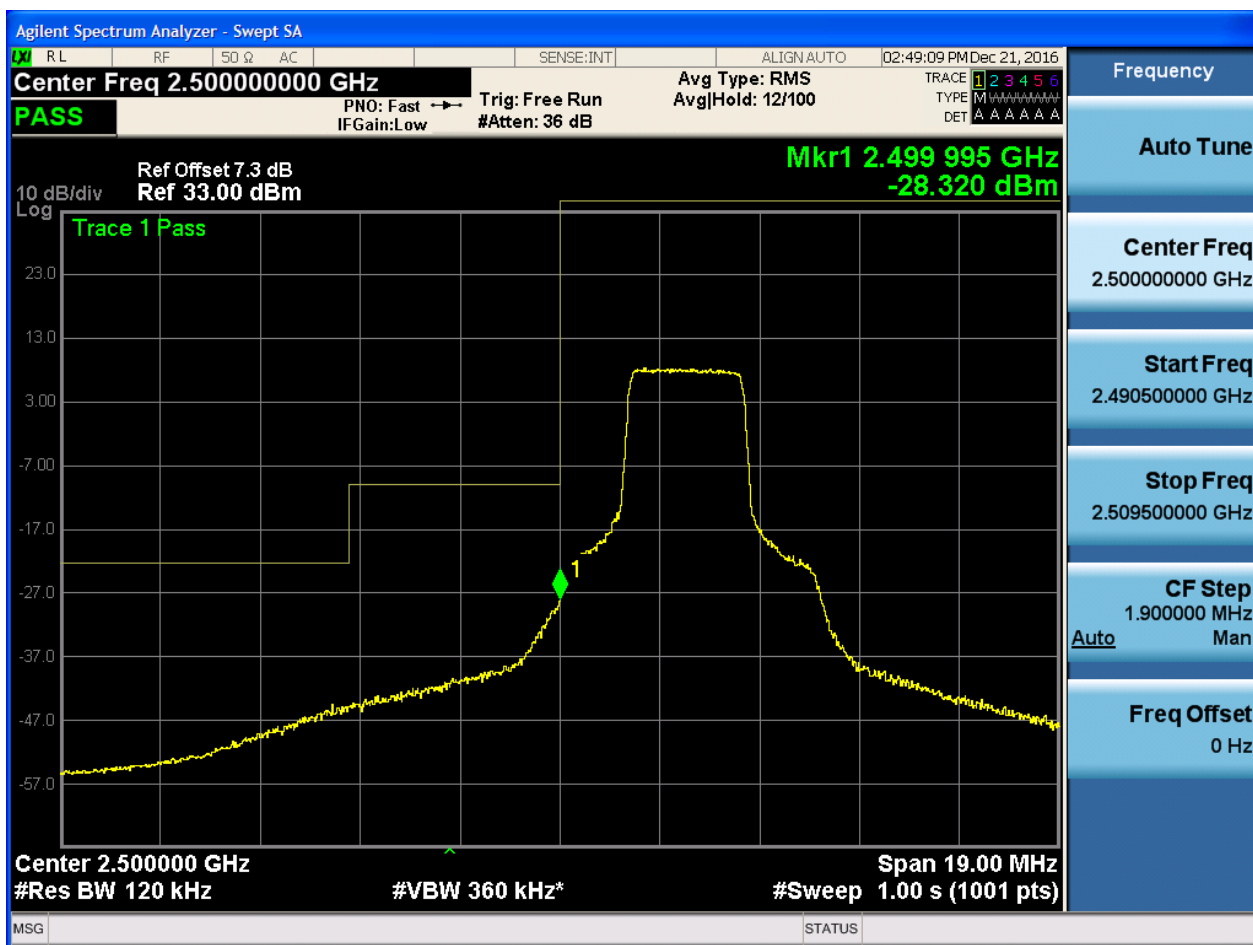


5.2.2.2.1.1.2 Test RB = RB1#24





5.2.2.2.1.1.3 Test RB = RB12#6





5.2.2.2.1.1.4 Test RB = RB25#0





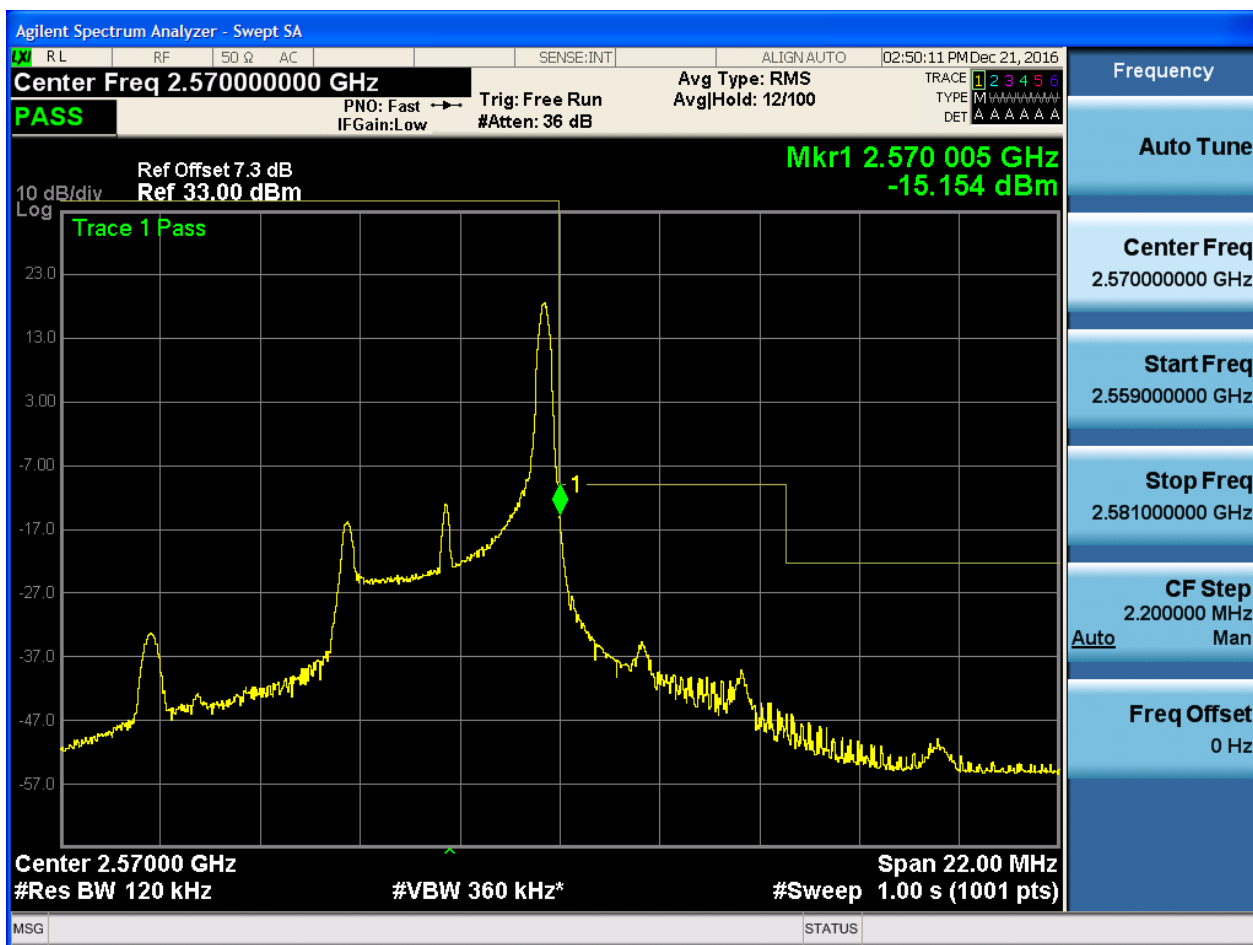
5.2.2.2.1.2 Test Channel = HCH

5.2.2.2.1.2.1 Test RB = RB1#0



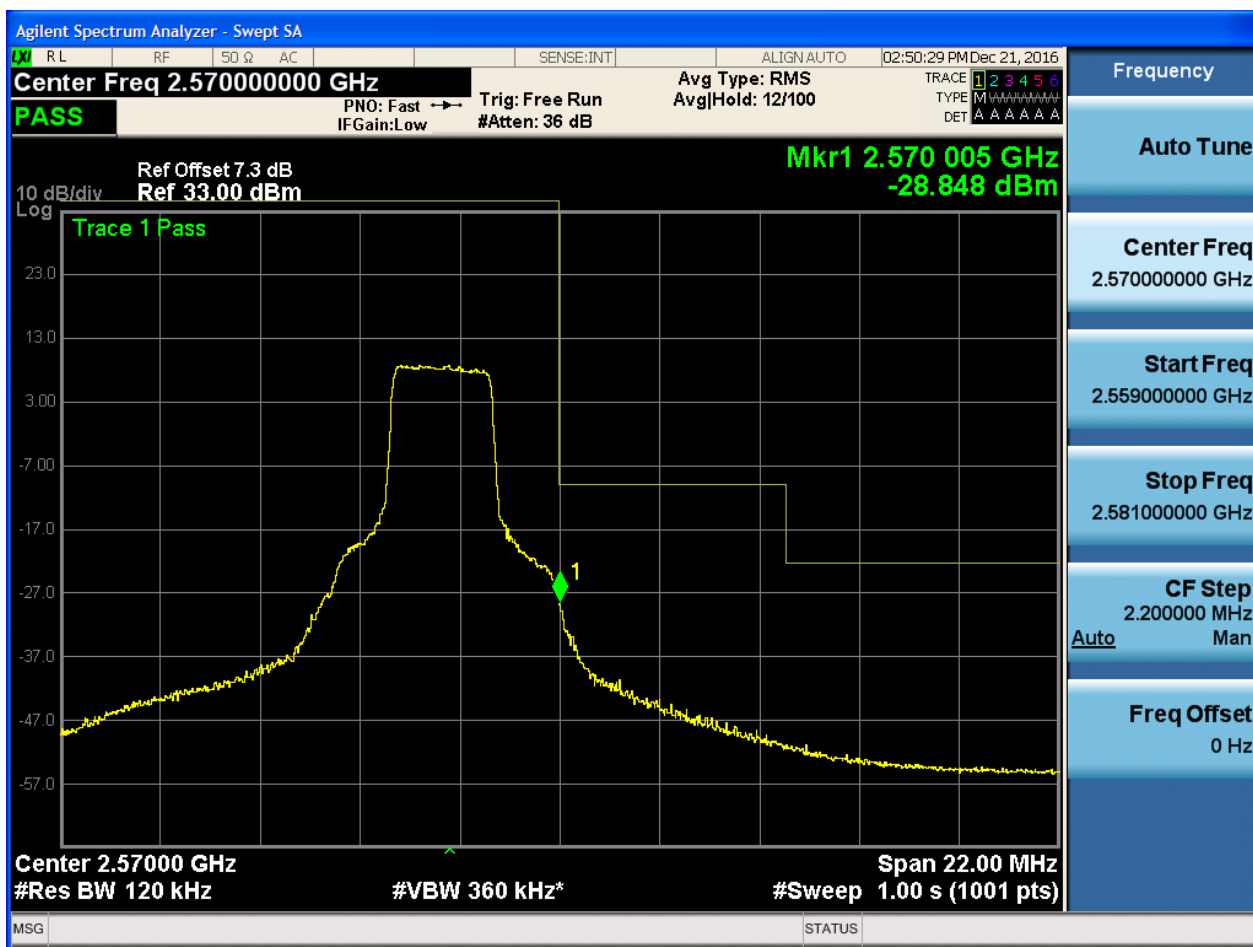


5.2.2.2.1.2.2 Test RB = RB1#24





5.2.2.2.1.2.3 Test RB = RB12#6





5.2.2.2.1.2.4 Test RB = RB25#0

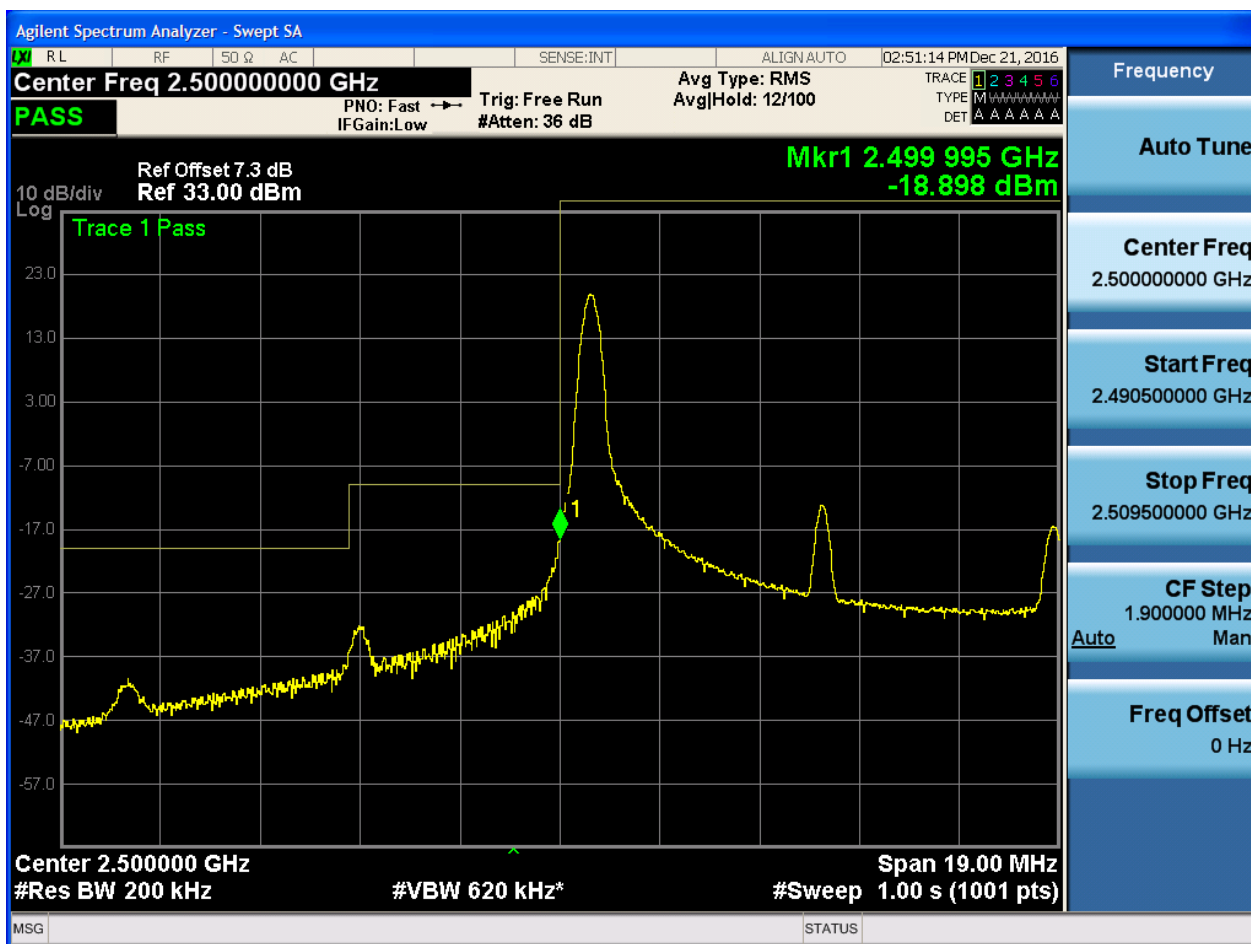




5.2.2.2.2 Test Bandwidth = 10

5.2.2.2.2.1 Test Channel = LCH

5.2.2.2.2.1.1 Test RB = RB1#0





5.2.2.2.1.2 Test RB = RB1#49





5.2.2.2.1.3 Test RB = RB25#13



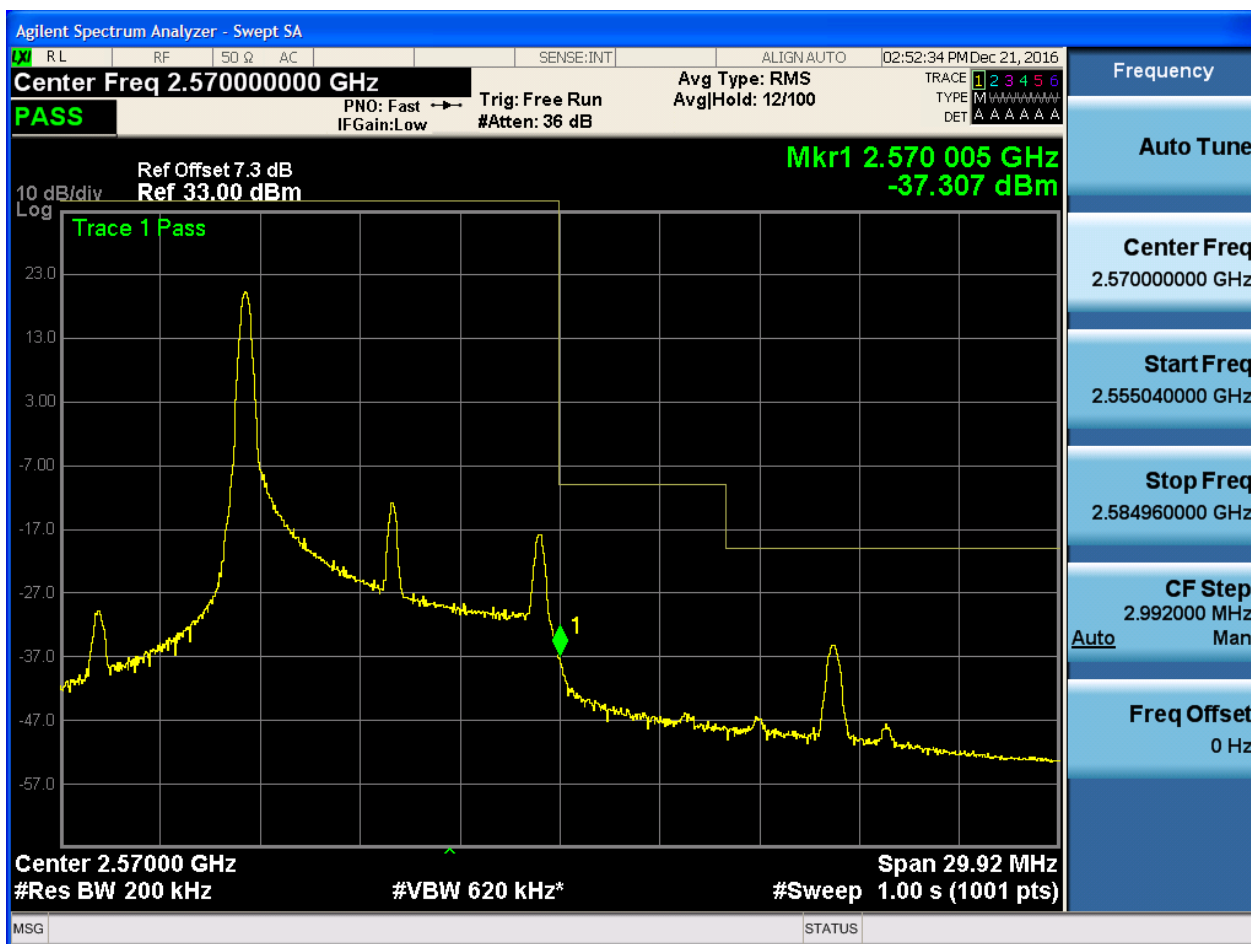


5.2.2.2.1.4 Test RB = RB50#0



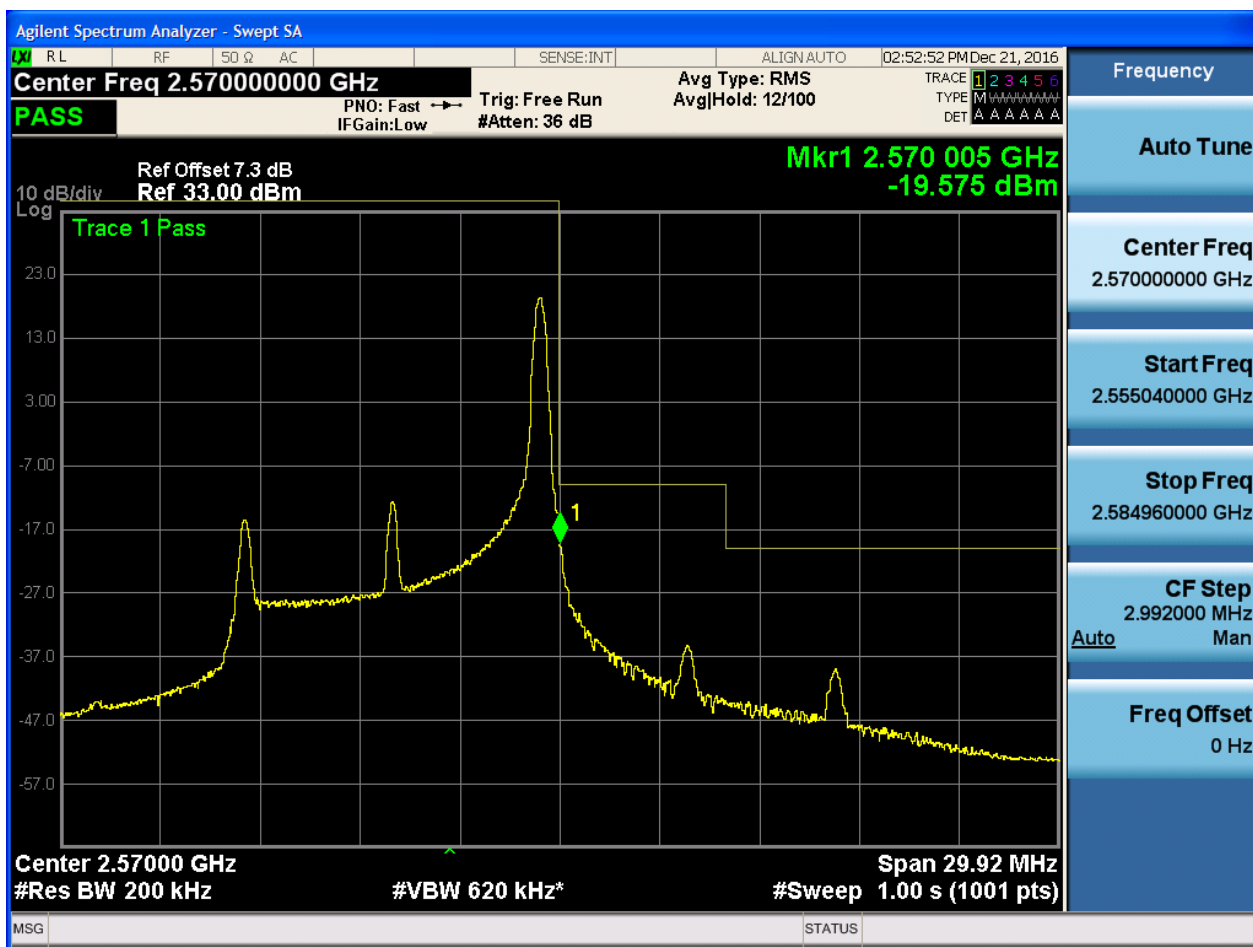
5.2.2.2.2 Test Channel = HCH

5.2.2.2.2.1 Test RB = RB1#0





5.2.2.2.2.2 Test RB = RB1#49





5.2.2.2.2.3 Test RB = RB25#13





5.2.2.2.2.4 Test RB = RB50#0

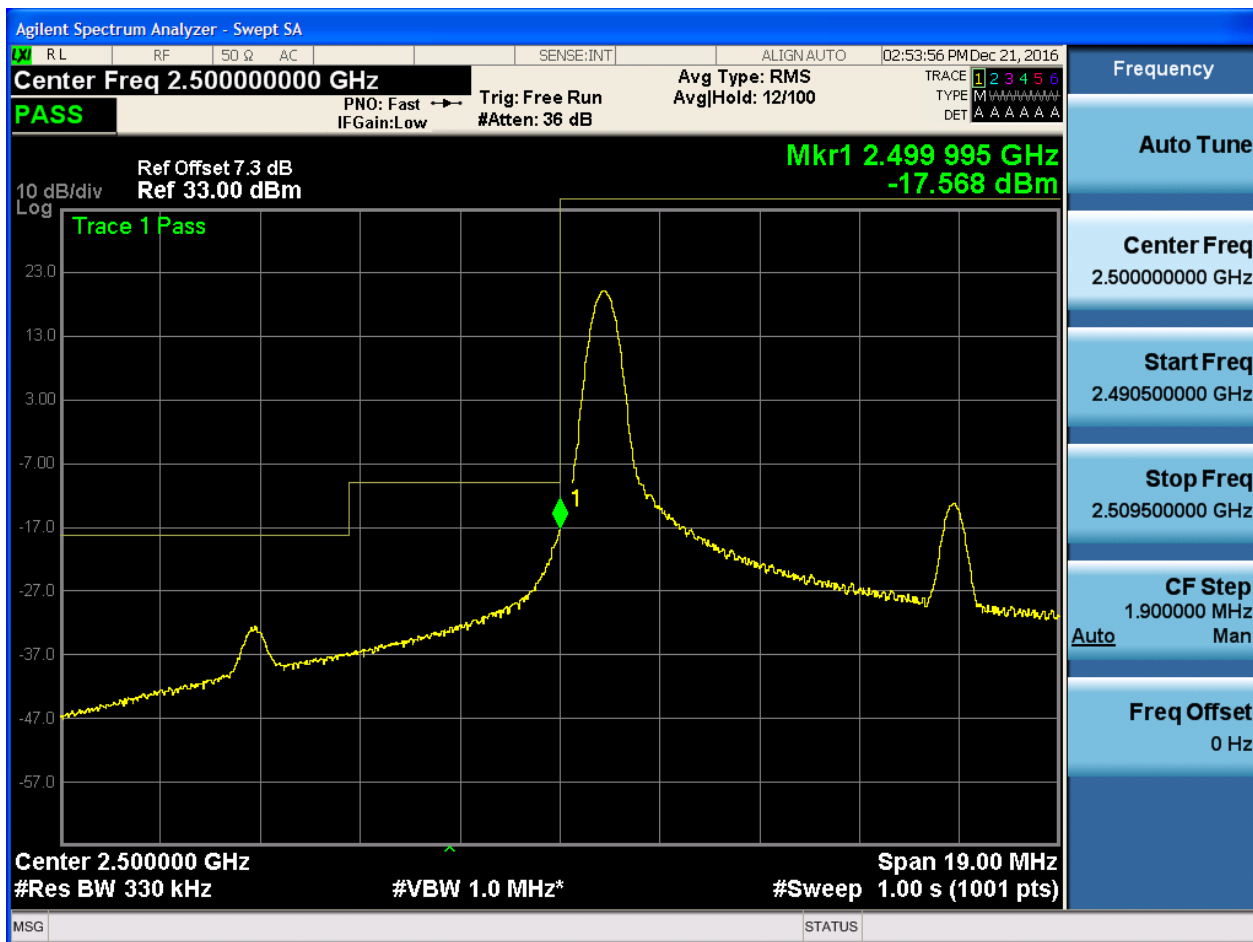




5.2.2.2.3 Test Bandwidth = 15

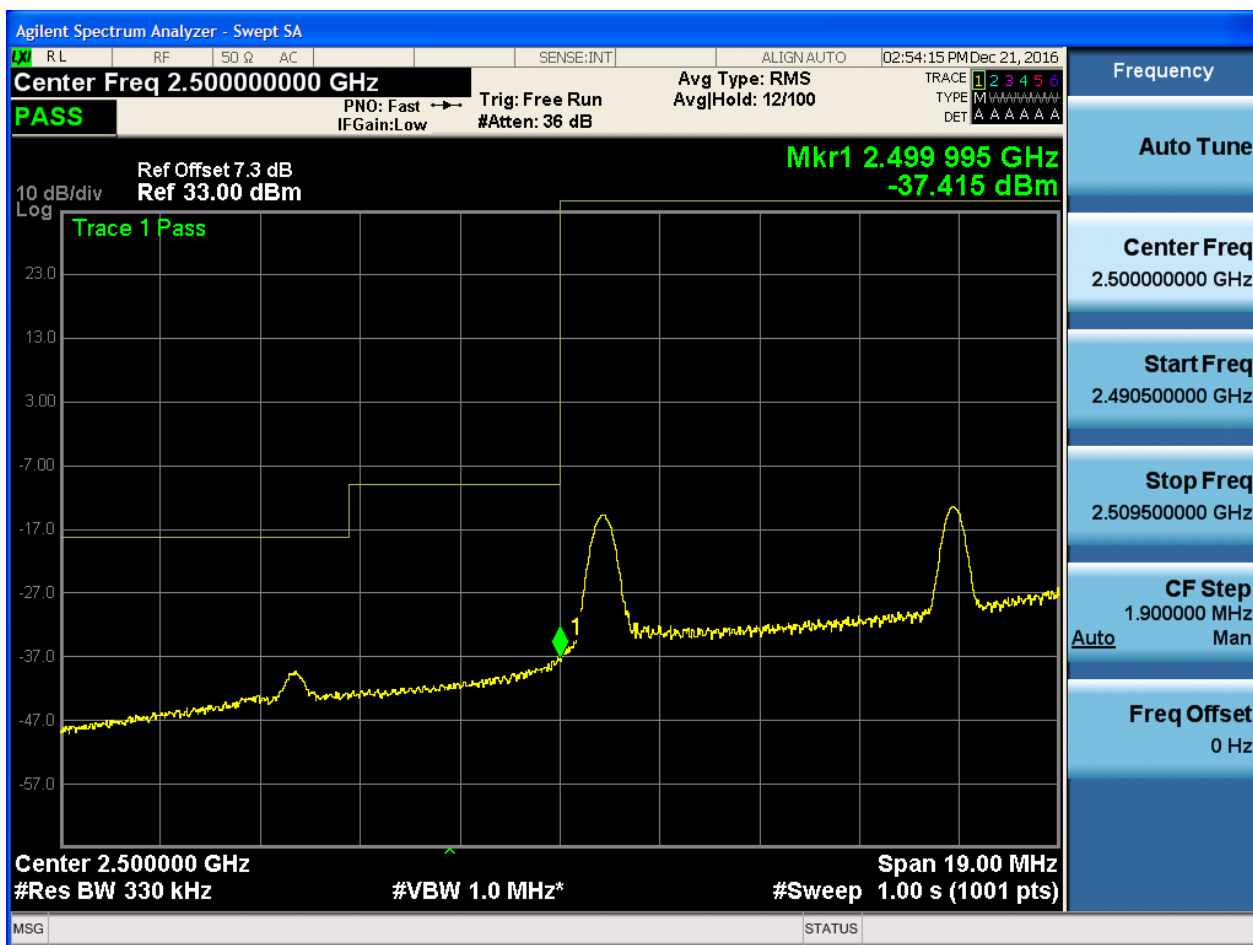
5.2.2.2.3.1 Test Channel = LCH

5.2.2.2.3.1.1 Test RB = RB1#0





5.2.2.2.3.1.2 Test RB = RB1#74



5.2.2.2.3.1.3 Test RB = RB36#18





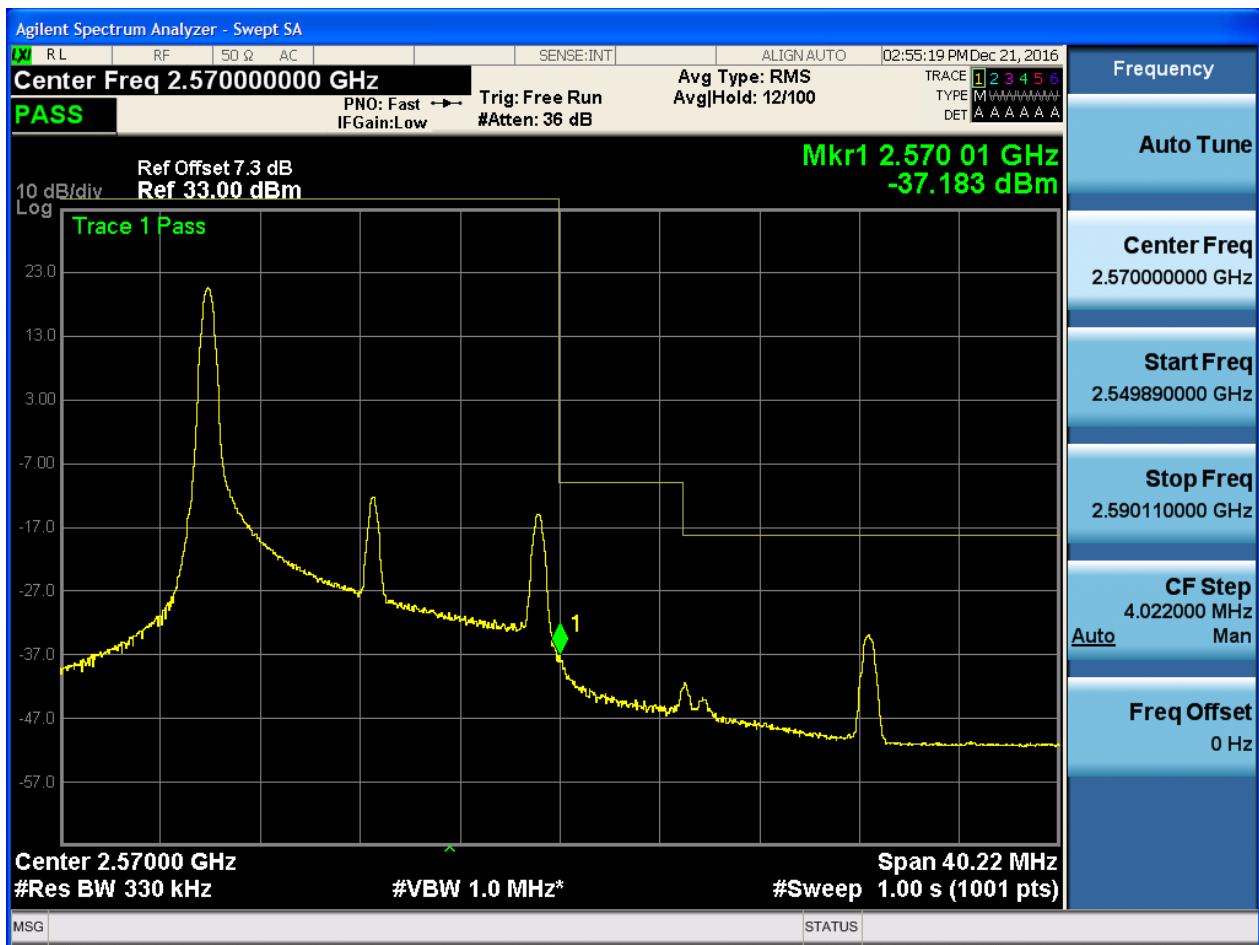
5.2.2.2.3.1.4 Test RB = RB75#0





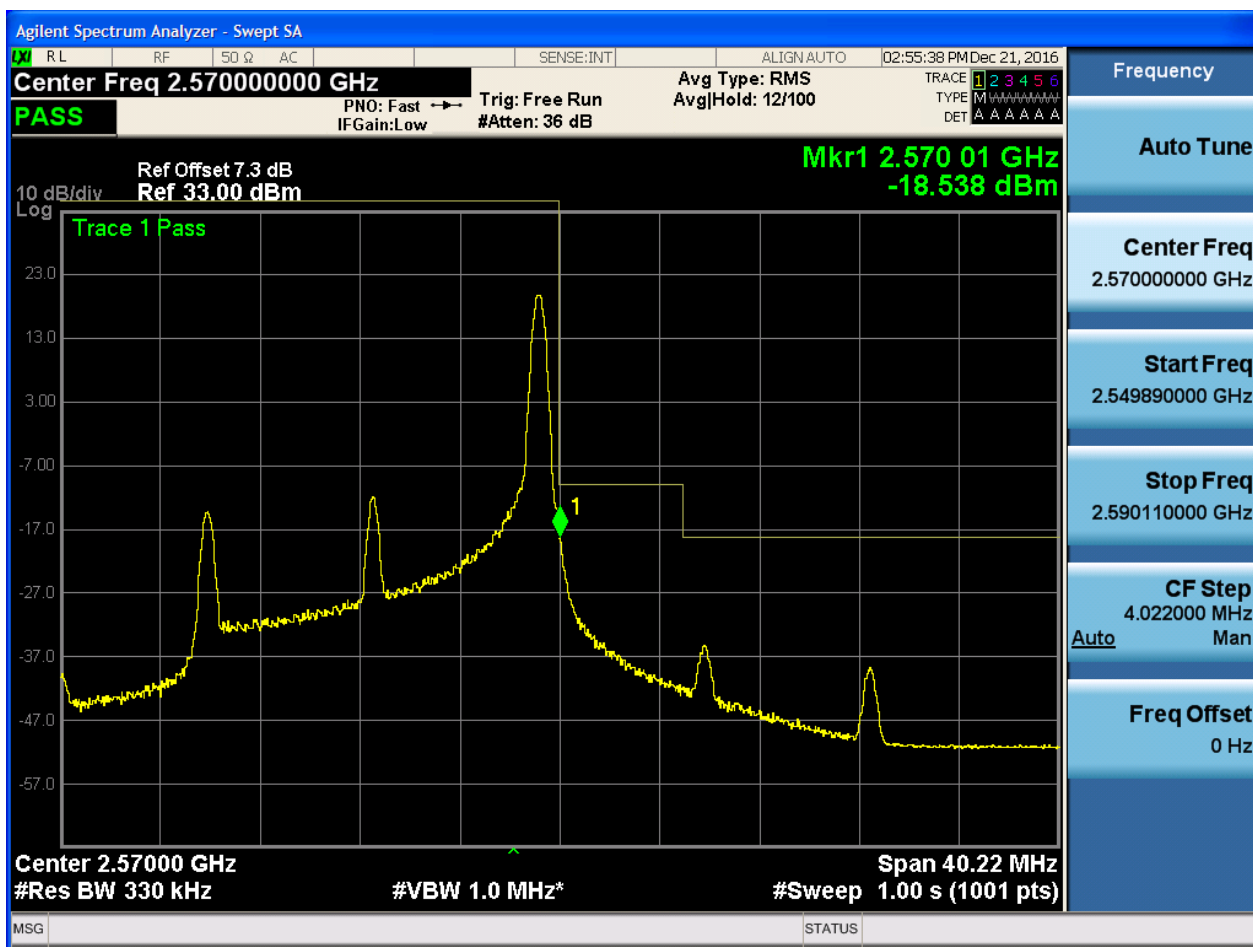
5.2.2.2.3.2 Test Channel = HCH

5.2.2.2.3.2.1 Test RB = RB1#0



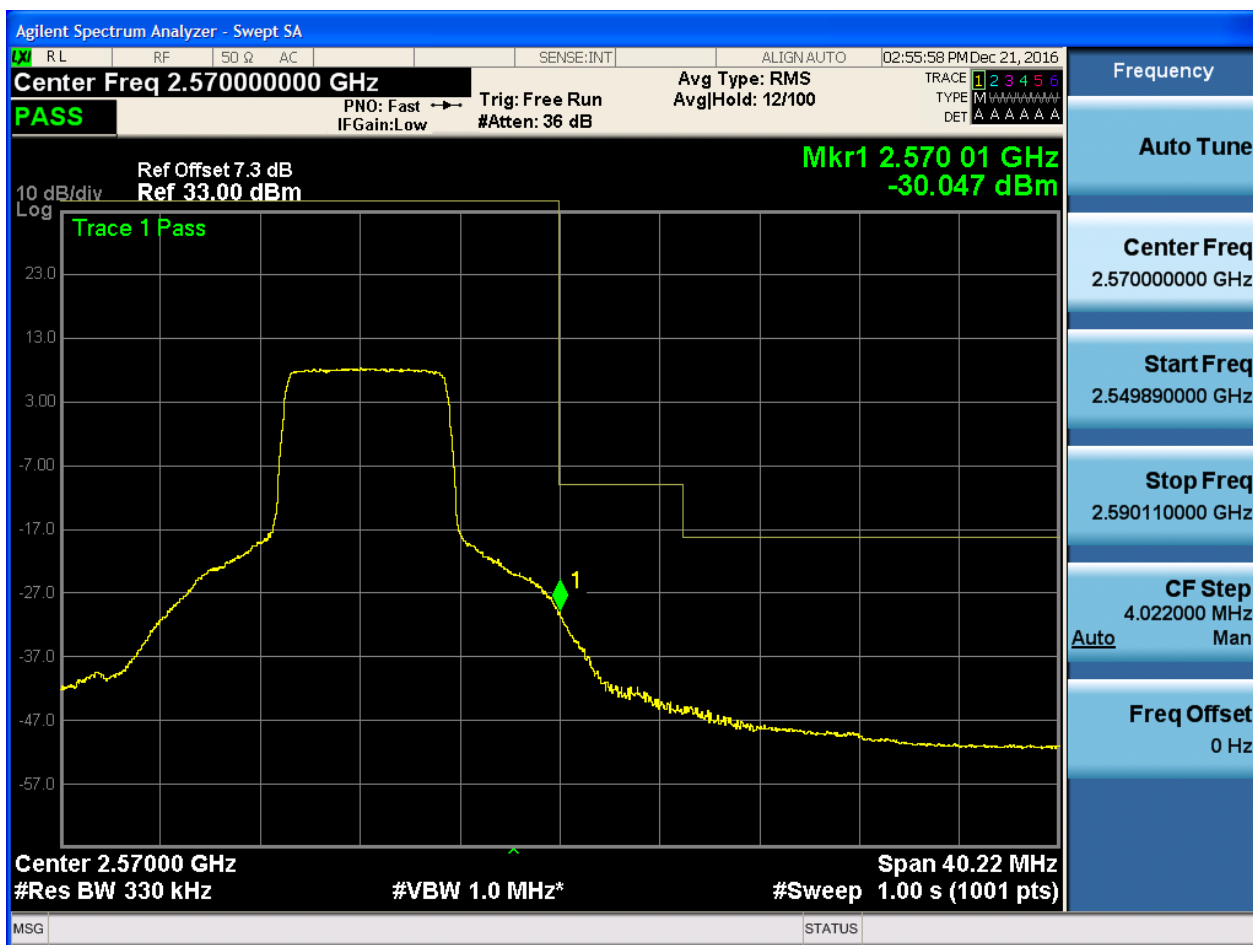


5.2.2.3.2.2 Test RB = RB1#74





5.2.2.3.2.3 Test RB = RB36#18





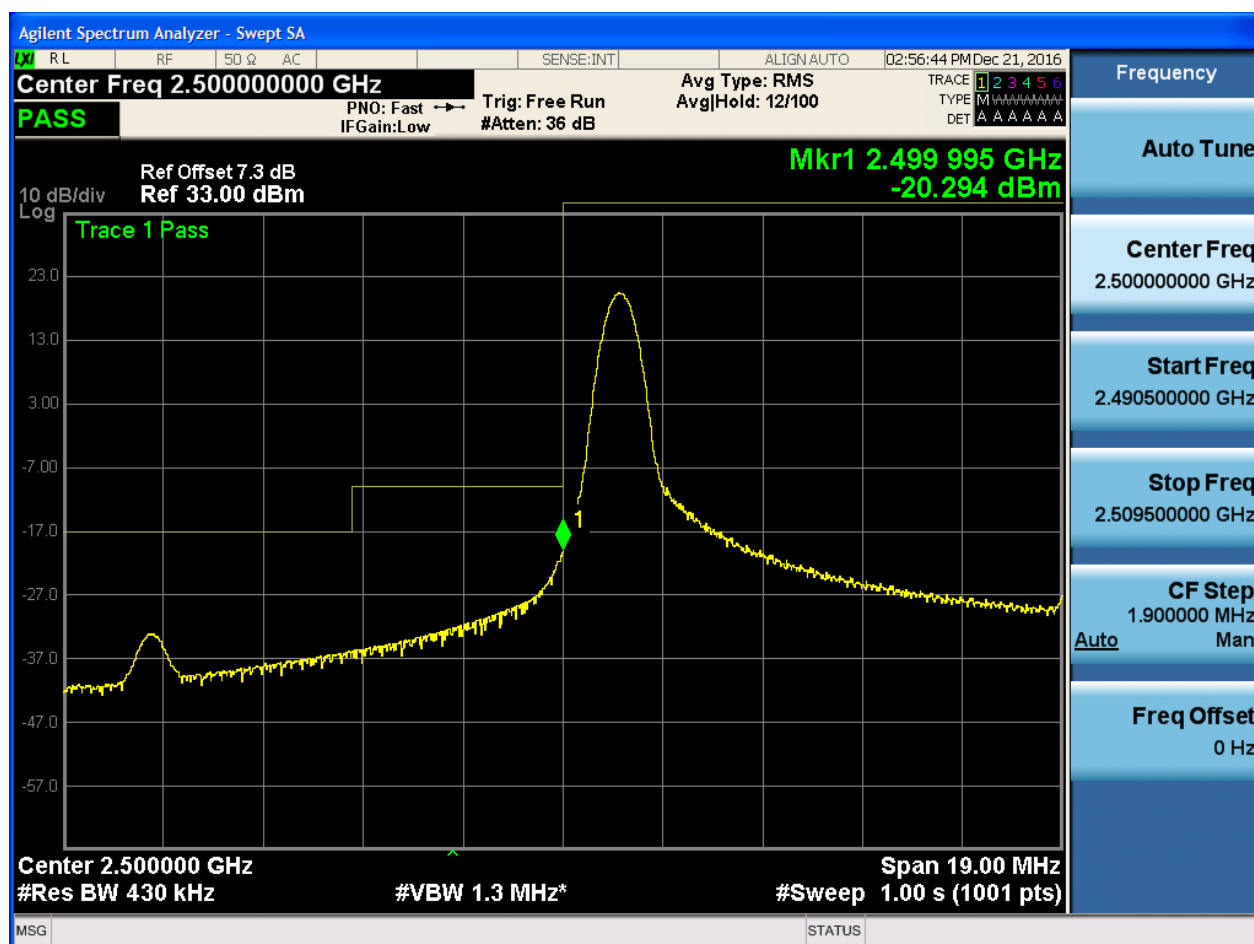
5.2.2.2.3.2.4 Test RB = RB75#0



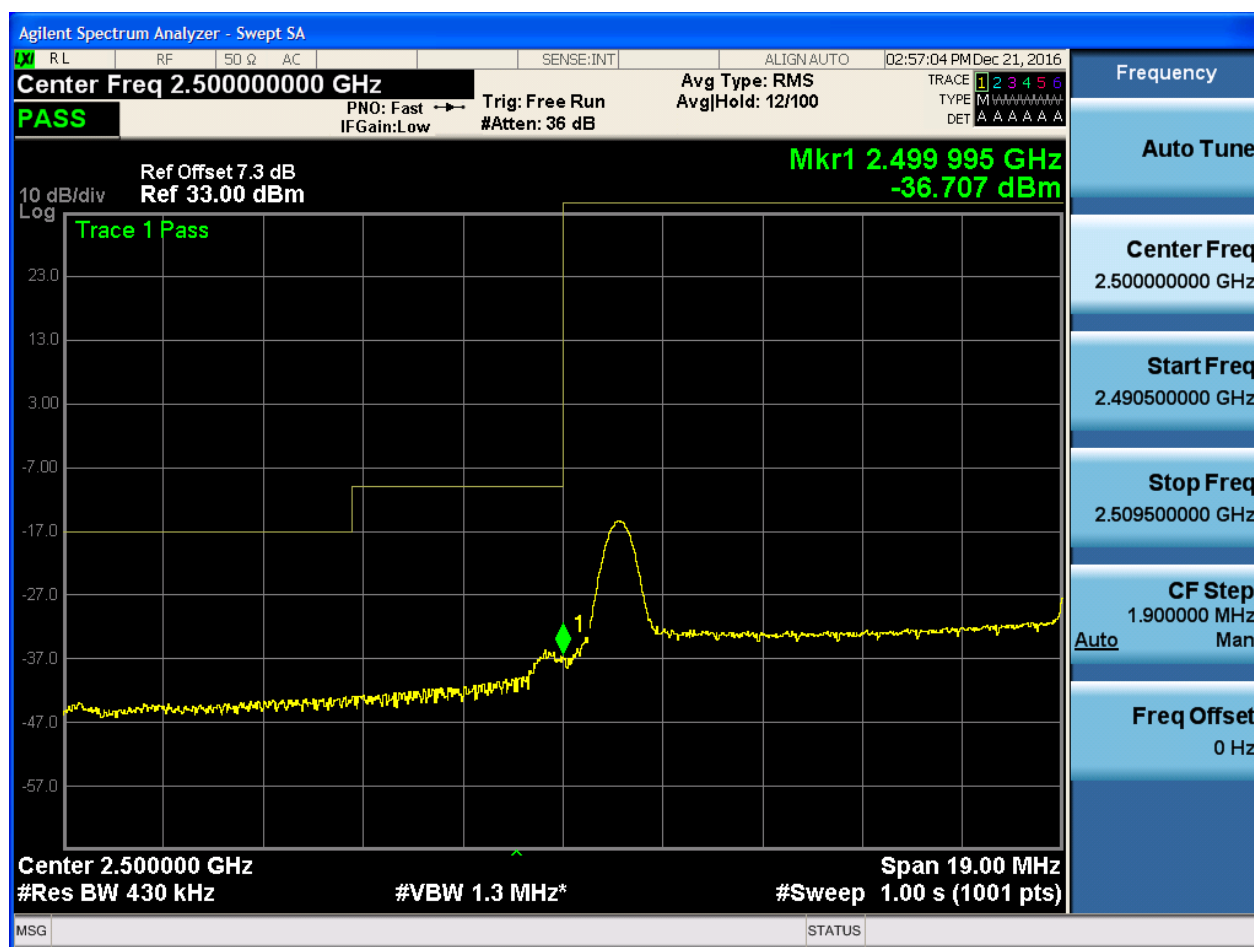
5.2.2.2.4 Test Bandwidth = 20

5.2.2.2.4.1 Test Channel = LCH

5.2.2.2.4.1.1 Test RB = RB1#0



5.2.2.2.4.1.2 Test RB = RB1#99



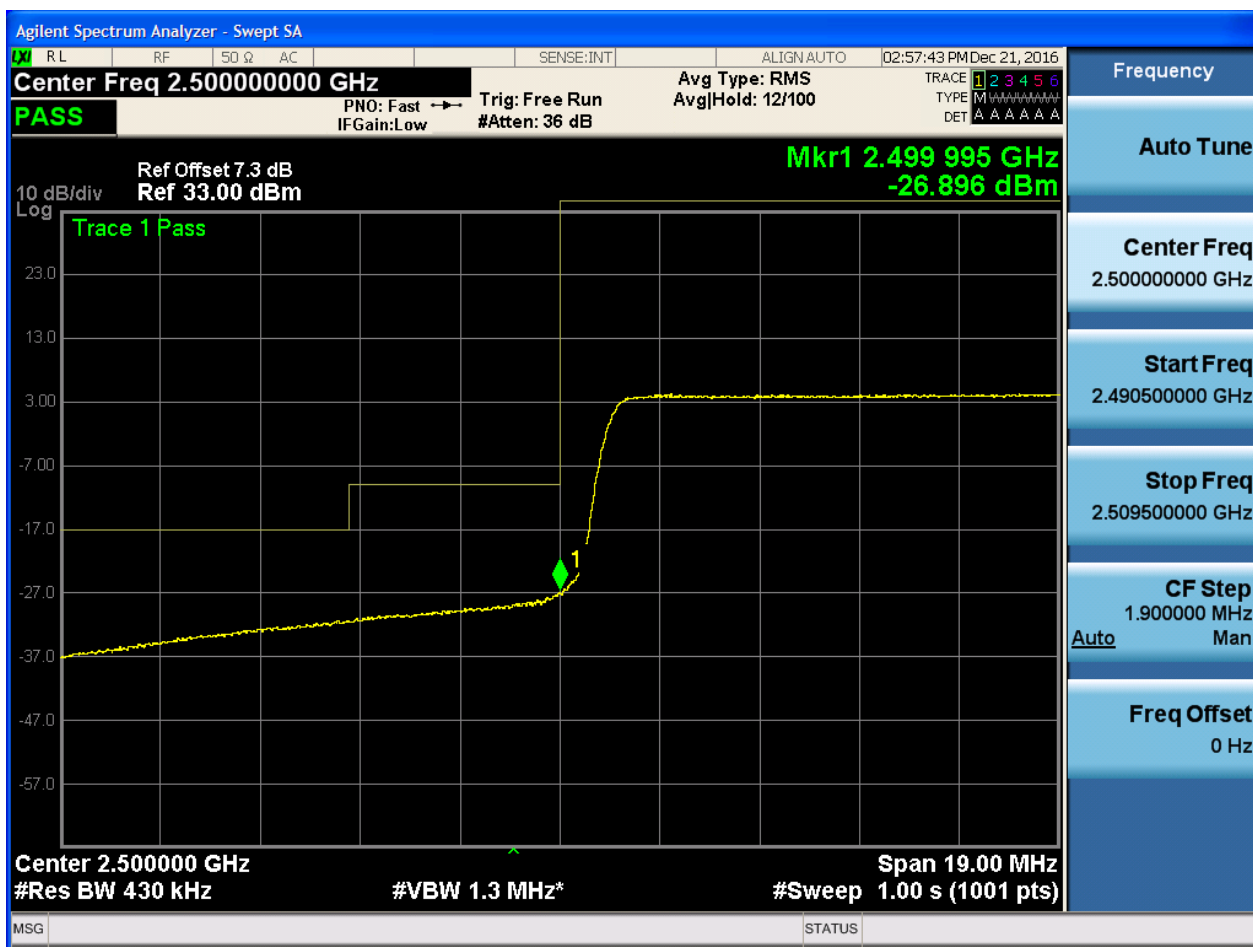


5.2.2.2.4.1.3 Test RB = RB50#25





5.2.2.2.4.1.4 Test RB = RB100#0





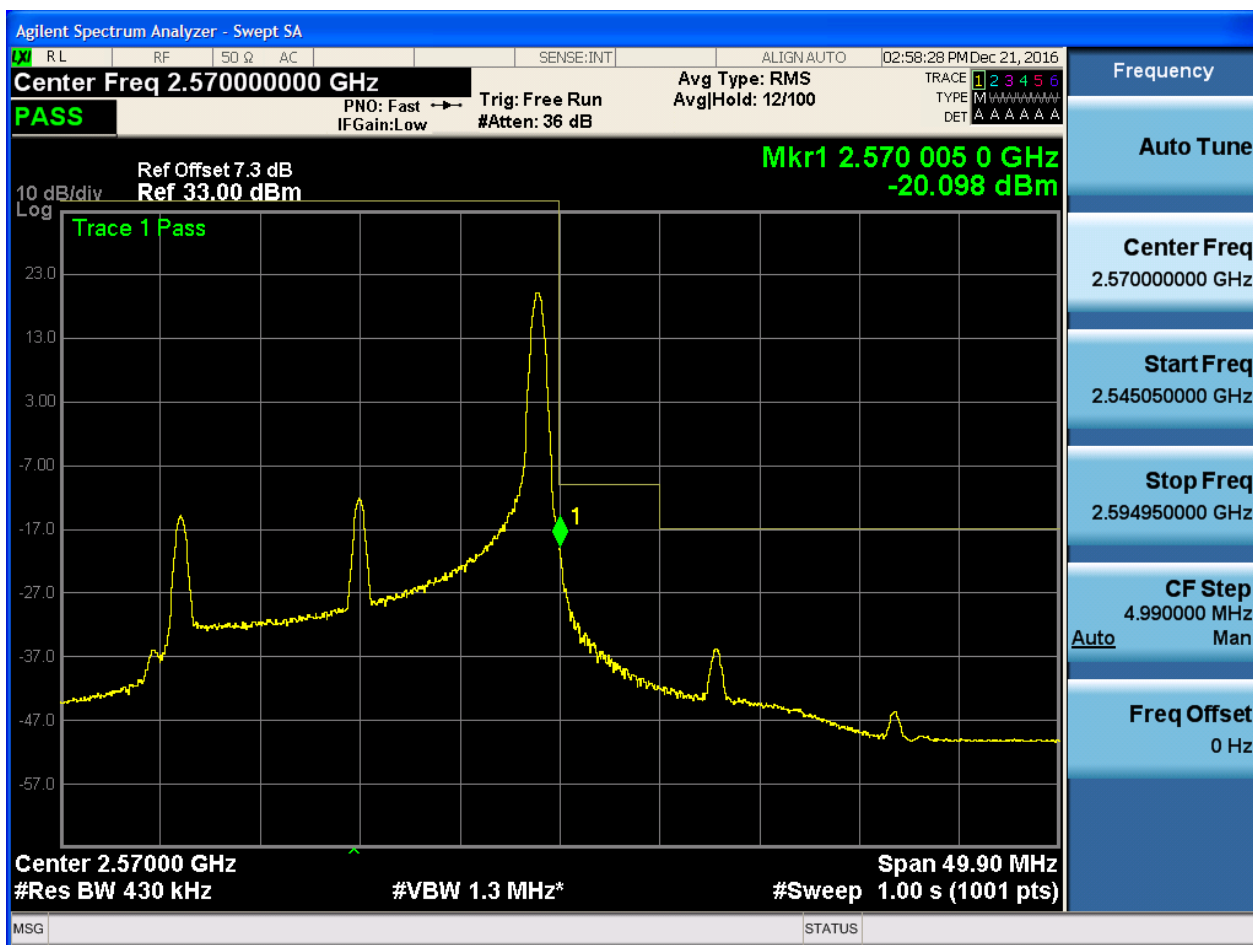
5.2.2.2.4.2 Test Channel = HCH

5.2.2.2.4.2.1 Test RB = RB1#0





5.2.2.2.4.2.2 Test RB = RB1#99





5.2.2.4.2.3 Test RB = RB50#25





5.2.2.2.4.2.4 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

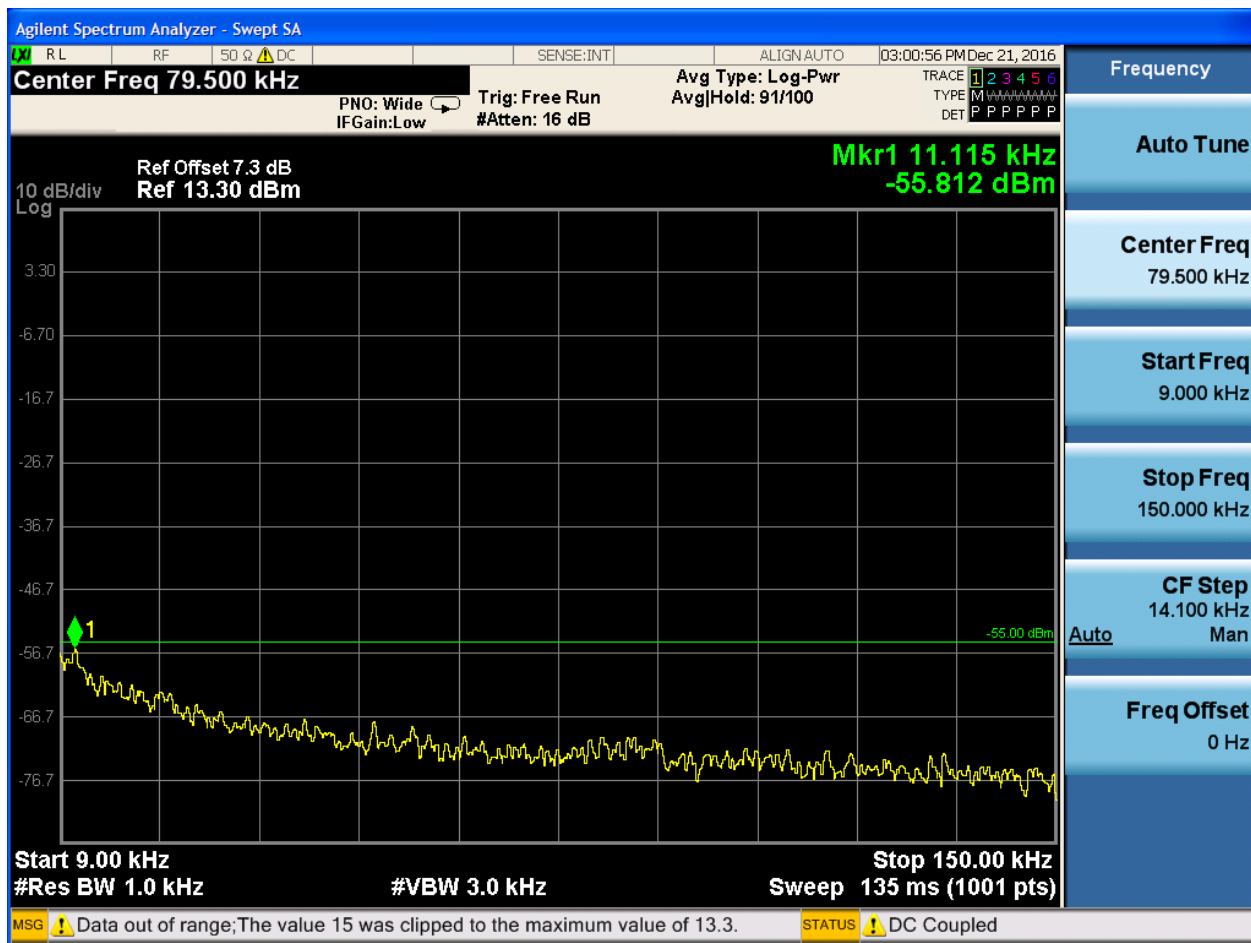
6.1.1 Test Band = BAND7

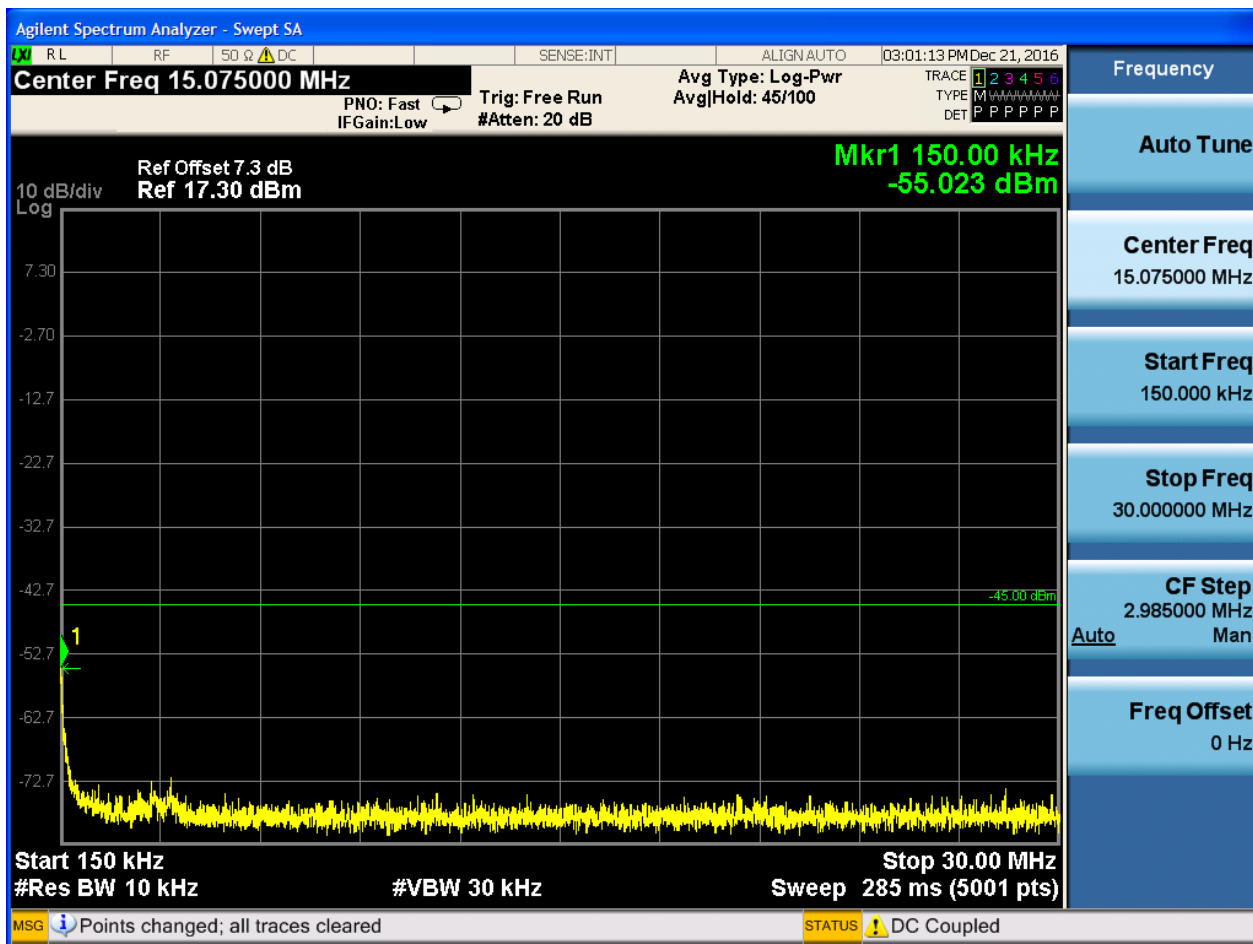
6.1.1.1 Test Mode = LTE/TM1

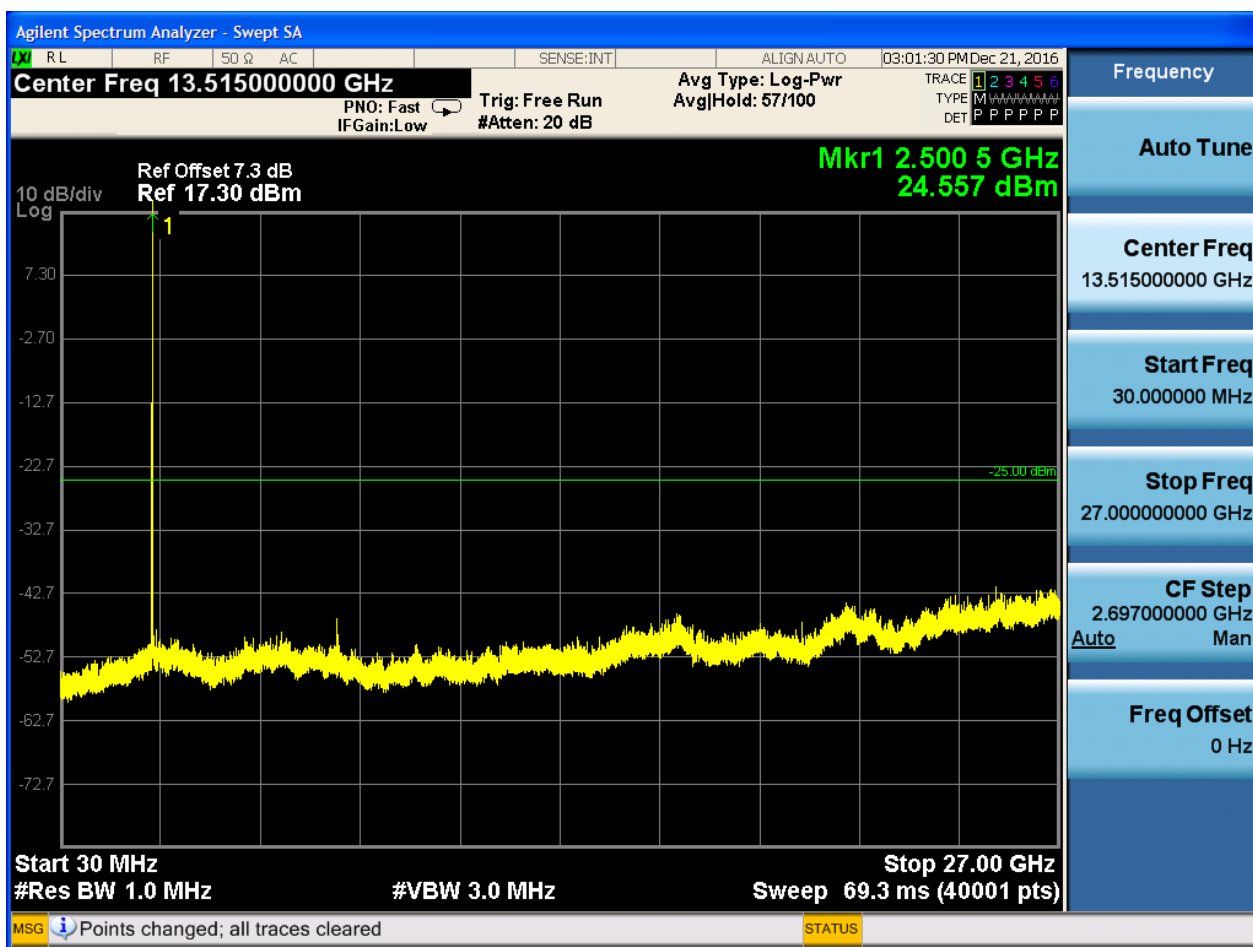
6.1.1.1.1 Test Bandwidth = 5

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

