



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND41	LTE/TM1	5	LCH	RB1#0	21.64	23.76	33	PASS
				RB1#13	21.89	24.01	33	PASS
				RB1#24	21.33	23.45	33	PASS
				RB12#0	20.85	22.97	33	PASS
				RB12#6	20.95	23.07	33	PASS
				RB12#13	20.68	22.8	33	PASS
				RB25#0	20.8	22.92	33	PASS
			MCH	RB1#0	21.69	23.81	33	PASS
				RB1#13	21.86	23.98	33	PASS
				RB1#24	21.35	23.47	33	PASS
				RB12#0	20.83	22.95	33	PASS
				RB12#6	20.81	22.93	33	PASS
				RB12#13	20.67	22.79	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.67	22.79	33	PASS
			HCH	RB1#0	22.07	24.19	33	PASS
				RB1#13	22.13	24.25	33	PASS
				RB1#24	21.64	23.76	33	PASS
				RB12#0	21.25	23.37	33	PASS
				RB12#6	21.23	23.35	33	PASS
				RB12#13	20.95	23.07	33	PASS
				RB25#0	21.21	23.33	33	PASS
		10	LCH	RB1#0	21.07	23.19	33	PASS
				RB1#25	21.74	23.86	33	PASS
				RB1#49	20.56	22.68	33	PASS
				RB25#0	20.83	22.95	33	PASS
				RB25#13	20.76	22.88	33	PASS
				RB25#25	20.52	22.64	33	PASS
				RB50#0	20.67	22.79	33	PASS
			MCH	RB1#0	21.16	23.28	33	PASS
				RB1#25	21.87	23.99	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	20.9	23.02	33	PASS
				RB25#0	20.79	22.91	33	PASS
				RB25#13	20.84	22.96	33	PASS
				RB25#25	20.71	22.83	33	PASS
				RB50#0	20.77	22.89	33	PASS
			HCH	RB1#0	21.82	23.94	33	PASS
				RB1#25	22.35	24.47	33	PASS
				RB1#49	21.15	23.27	33	PASS
				RB25#0	21.47	23.59	33	PASS
				RB25#13	21.4	23.52	33	PASS
				RB25#25	21.16	23.28	33	PASS
				RB50#0	21.27	23.39	33	PASS
		15	LCH	RB1#0	20.88	23	33	PASS
				RB1#38	21.59	23.71	33	PASS
				RB1#74	20.55	22.67	33	PASS
				RB38#0	20.65	22.77	33	PASS
				RB38#19	20.65	22.77	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#39	20.44	22.56	33	PASS
				RB75#0	20.59	22.71	33	PASS
			MCH	RB1#0	20.93	23.05	33	PASS
				RB1#38	21.88	24	33	PASS
				RB1#74	20.64	22.76	33	PASS
				RB38#0	20.75	22.87	33	PASS
				RB38#19	20.87	22.99	33	PASS
				RB38#39	20.68	22.8	33	PASS
				RB75#0	20.7	22.82	33	PASS
			HCH	RB1#0	21.62	23.74	33	PASS
				RB1#38	22.35	24.47	33	PASS
				RB1#74	20.82	22.94	33	PASS
				RB38#0	21.43	23.55	33	PASS
				RB38#19	21.48	23.6	33	PASS
				RB38#39	21.15	23.27	33	PASS
				RB75#0	21.28	23.4	33	PASS
		20	LCH	RB1#0	21.26	23.38	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.71	23.83	33	PASS
				RB1#99	21.22	23.34	33	PASS
				RB50#0	20.7	22.82	33	PASS
				RB50#25	20.7	22.82	33	PASS
				RB50#50	20.68	22.8	33	PASS
				RB100#0	20.72	22.84	33	PASS
			MCH	RB1#0	21.42	23.54	33	PASS
				RB1#50	21.89	24.01	33	PASS
				RB1#99	21.19	23.31	33	PASS
				RB50#0	20.84	22.96	33	PASS
				RB50#25	20.85	22.97	33	PASS
				RB50#50	20.72	22.84	33	PASS
				RB100#0	20.84	22.96	33	PASS
			HCH	RB1#0	22.13	24.25	33	PASS
				RB1#50	22.41	24.53	33	PASS
				RB1#99	21.31	23.43	33	PASS
				RB50#0	21.56	23.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.51	23.63	33	PASS
				RB50#50	21.21	23.33	33	PASS
				RB100#0	21.32	23.44	33	PASS
	LTE/TM2	5	LCH	RB1#0	20.77	22.89	33	PASS
				RB1#13	21.06	23.18	33	PASS
				RB1#24	20.48	22.6	33	PASS
				RB12#0	20.66	22.78	33	PASS
				RB12#6	20.72	22.84	33	PASS
				RB12#13	20.44	22.56	33	PASS
				RB25#0	20.61	22.73	33	PASS
			MCH	RB1#0	20.83	22.95	33	PASS
				RB1#13	21.06	23.18	33	PASS
				RB1#24	20.57	22.69	33	PASS
				RB12#0	20.85	22.97	33	PASS
				RB12#6	20.83	22.95	33	PASS
				RB12#13	20.62	22.74	33	PASS
				RB25#0	20.72	22.84	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.62	23.74	33	PASS
				RB1#13	21.59	23.71	33	PASS
				RB1#24	21.12	23.24	33	PASS
				RB12#0	21.24	23.36	33	PASS
				RB12#6	21.21	23.33	33	PASS
				RB12#13	20.94	23.06	33	PASS
				RB25#0	21.14	23.26	33	PASS
		10	LCH	RB1#0	20.81	22.93	33	PASS
				RB1#25	21.01	23.13	33	PASS
				RB1#49	20.14	22.26	33	PASS
				RB25#0	20.66	22.78	33	PASS
				RB25#13	20.6	22.72	33	PASS
				RB25#25	20.36	22.48	33	PASS
				RB50#0	20.59	22.71	33	PASS
			MCH	RB1#0	20.74	22.86	33	PASS
				RB1#25	21.23	23.35	33	PASS
				RB1#49	20.36	22.48	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.69	22.81	33	PASS
				RB25#13	20.75	22.87	33	PASS
				RB25#25	20.61	22.73	33	PASS
				RB50#0	20.73	22.85	33	PASS
			HCH	RB1#0	21.27	23.39	33	PASS
				RB1#25	21.77	23.89	33	PASS
				RB1#49	20.65	22.77	33	PASS
				RB25#0	21.36	23.48	33	PASS
				RB25#13	21.29	23.41	33	PASS
				RB25#25	21.05	23.17	33	PASS
				RB50#0	21.24	23.36	33	PASS
		15	LCH	RB1#0	20.44	22.56	33	PASS
				RB1#38	20.69	22.81	33	PASS
				RB1#74	19.96	22.08	33	PASS
				RB38#0	20.51	22.63	33	PASS
				RB38#19	20.5	22.62	33	PASS
				RB38#39	20.3	22.42	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	20.47	22.59	33	PASS
			MCH	RB1#0	20.36	22.48	33	PASS
				RB1#38	20.99	23.11	33	PASS
				RB1#74	19.92	22.04	33	PASS
				RB38#0	20.72	22.84	33	PASS
				RB38#19	20.85	22.97	33	PASS
				RB38#39	20.66	22.78	33	PASS
				RB75#0	20.66	22.78	33	PASS
			HCH	RB1#0	21.21	23.33	33	PASS
				RB1#38	21.89	24.01	33	PASS
				RB1#74	20.44	22.56	33	PASS
				RB38#0	21.36	23.48	33	PASS
				RB38#19	21.42	23.54	33	PASS
				RB38#39	21.09	23.21	33	PASS
				RB75#0	21.23	23.35	33	PASS
		20	LCH	RB1#0	20.99	23.11	33	PASS
				RB1#50	20.94	23.06	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	20.82	22.94	33	PASS
				RB50#0	20.61	22.73	33	PASS
				RB50#25	20.66	22.78	33	PASS
				RB50#50	20.63	22.75	33	PASS
				RB100#0	20.64	22.76	33	PASS
			MCH	RB1#0	20.79	22.91	33	PASS
				RB1#50	21.03	23.15	33	PASS
				RB1#99	20.51	22.63	33	PASS
				RB50#0	20.75	22.87	33	PASS
				RB50#25	20.76	22.88	33	PASS
				RB50#50	20.63	22.75	33	PASS
				RB100#0	20.79	22.91	33	PASS
			HCH	RB1#0	21.32	23.44	33	PASS
				RB1#50	21.46	23.58	33	PASS
				RB1#99	20.49	22.61	33	PASS
				RB50#0	21.49	23.61	33	PASS
				RB50#25	21.44	23.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	21.14	23.26	33	PASS
				RB100#0	21.28	23.4	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:

$$\text{SET Span} = 1.5 \times \text{OBW}$$

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

$$\text{SET VBW} \geq 3 \times \text{RBW}$$

$$\text{SET Sweep time} = \text{auto-couple.}$$

Detector:RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND41	LTE/TM1	5	LCH	RB1#0	3.79	13	PASS
				RB1#13	3.6	13	PASS
				RB1#24	3.93	13	PASS
				RB12#0	5.13	13	PASS
				RB12#6	4.84	13	PASS
				RB12#13	5.2	13	PASS
				RB25#0	5.46	13	PASS
			MCH	RB1#0	4.71	13	PASS
				RB1#13	4.59	13	PASS
				RB1#24	4.99	13	PASS
				RB12#0	5.96	13	PASS
				RB12#6	5.96	13	PASS
				RB12#13	6.07	13	PASS
				RB25#0	6.03	13	PASS
			HCH	RB1#0	4	13	PASS
				RB1#13	3.87	13	PASS
				RB1#24	4.16	13	PASS
				RB12#0	5.53	13	PASS
				RB12#6	5.45	13	PASS
				RB12#13	5.74	13	PASS
				RB25#0	5.93	13	PASS
		10	LCH	RB1#0	4.02	13	PASS
				RB1#25	3.72	13	PASS
				RB1#49	4.36	13	PASS
				RB25#0	5.3	13	PASS
				RB25#13	5.35	13	PASS
				RB25#25	5.41	13	PASS
				RB50#0	5.8	13	PASS
			MCH	RB1#0	4.79	13	PASS
				RB1#25	4.31	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.04	13	PASS
				RB25#0	6.03	13	PASS
				RB25#13	6.03	13	PASS
				RB25#25	6.13	13	PASS
				RB50#0	6.19	13	PASS
			HCH	RB1#0	4.7	13	PASS
				RB1#25	3.91	13	PASS
				RB1#49	4.74	13	PASS
				RB25#0	5.54	13	PASS
				RB25#13	5.45	13	PASS
				RB25#25	5.61	13	PASS
				RB50#0	5.97	13	PASS
		15	LCH	RB1#0	4.17	13	PASS
				RB1#38	3.78	13	PASS
				RB1#74	4.47	13	PASS
				RB36#0	5.42	13	PASS
				RB36#18	5.2	13	PASS
				RB36#39	5.55	13	PASS
				RB75#0	5.86	13	PASS
			MCH	RB1#0	5	13	PASS
				RB1#38	4.38	13	PASS
				RB1#74	5.31	13	PASS
				RB36#0	6.17	13	PASS
				RB36#18	6.04	13	PASS
				RB36#39	6.3	13	PASS
				RB75#0	6.34	13	PASS
			HCH	RB1#0	4.87	13	PASS
				RB1#38	4	13	PASS
				RB1#74	4.96	13	PASS
				RB36#0	5.76	13	PASS
				RB36#18	5.66	13	PASS
				RB36#39	5.71	13	PASS
				RB75#0	6.13	13	PASS
		20	LCH	RB1#0	4.08	13	PASS
				RB1#50	3.84	13	PASS
				RB1#99	4.43	13	PASS
				RB50#0	5.42	13	PASS
				RB50#25	5.29	13	PASS
				RB50#50	5.54	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	6.03	13	PASS
			MCH	RB1#0	4.82	13	PASS
				RB1#50	4.54	13	PASS
				RB1#99	5.17	13	PASS
				RB50#0	6.19	13	PASS
				RB50#25	6.2	13	PASS
				RB50#50	6.3	13	PASS
				RB100#0	6.59	13	PASS
			HCH	RB1#0	4.58	13	PASS
				RB1#50	3.99	13	PASS
				RB1#99	4.72	13	PASS
				RB50#0	5.87	13	PASS
				RB50#25	5.71	13	PASS
				RB50#50	5.72	13	PASS
				RB100#0	6.31	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.65	13	PASS
				RB1#13	4.51	13	PASS
				RB1#24	4.84	13	PASS
				RB12#0	5.43	13	PASS
				RB12#6	5.3	13	PASS
				RB12#13	5.62	13	PASS
				RB25#0	5.83	13	PASS
			MCH	RB1#0	5.47	13	PASS
				RB1#13	5.3	13	PASS
				RB1#24	5.66	13	PASS
				RB12#0	6.02	13	PASS
				RB12#6	6.04	13	PASS
				RB12#13	6.19	13	PASS
				RB25#0	6.66	13	PASS
			HCH	RB1#0	4.91	13	PASS
				RB1#13	4.93	13	PASS
				RB1#24	5.25	13	PASS
				RB12#0	5.78	13	PASS
				RB12#6	5.71	13	PASS
				RB12#13	5.81	13	PASS
				RB25#0	6.12	13	PASS
		10	LCH	RB1#0	5.2	13	PASS
				RB1#25	4.81	13	PASS
				RB1#49	5.41	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.38	13	PASS
				RB25#13	5.31	13	PASS
				RB25#25	5.49	13	PASS
				RB50#0	6.12	13	PASS
			MCH	RB1#0	6.12	13	PASS
				RB1#25	5.38	13	PASS
				RB1#49	6.13	13	PASS
				RB25#0	6.17	13	PASS
				RB25#13	6.2	13	PASS
				RB25#25	6.2	13	PASS
				RB50#0	6.59	13	PASS
			HCH	RB1#0	5.36	13	PASS
				RB1#25	4.73	13	PASS
				RB1#49	5.42	13	PASS
				RB25#0	5.75	13	PASS
				RB25#13	5.67	13	PASS
				RB25#25	5.77	13	PASS
				RB50#0	6.31	13	PASS
		15	LCH	RB1#0	5.09	13	PASS
				RB1#38	4.69	13	PASS
				RB1#74	5.26	13	PASS
				RB36#0	5.75	13	PASS
				RB36#18	5.44	13	PASS
				RB36#39	5.74	13	PASS
				RB75#0	6.31	13	PASS
			MCH	RB1#0	5.81	13	PASS
				RB1#38	5.43	13	PASS
				RB1#74	6.01	13	PASS
				RB36#0	6.31	13	PASS
				RB36#18	6.13	13	PASS
				RB36#39	6.35	13	PASS
				RB75#0	6.79	13	PASS
			HCH	RB1#0	5.4	13	PASS
				RB1#38	4.85	13	PASS
				RB1#74	5.5	13	PASS
				RB36#0	5.79	13	PASS
				RB36#18	5.63	13	PASS
				RB36#39	5.8	13	PASS
				RB75#0	6.52	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	4.6	13	PASS
				RB1#50	4.39	13	PASS
				RB1#99	4.78	13	PASS
				RB50#0	5.57	13	PASS
				RB50#25	5.48	13	PASS
				RB50#50	5.66	13	PASS
				RB100#0	6.22	13	PASS
			MCH	RB1#0	5.78	13	PASS
				RB1#50	5.55	13	PASS
				RB1#99	6.1	13	PASS
				RB50#0	6.29	13	PASS
				RB50#25	6.26	13	PASS
				RB50#50	6.45	13	PASS
				RB100#0	6.93	13	PASS
			HCH	RB1#0	5.17	13	PASS
				RB1#50	4.71	13	PASS
				RB1#99	5.22	13	PASS
				RB50#0	5.91	13	PASS
				RB50#25	5.72	13	PASS
				RB50#50	5.78	13	PASS
				RB100#0	6.46	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

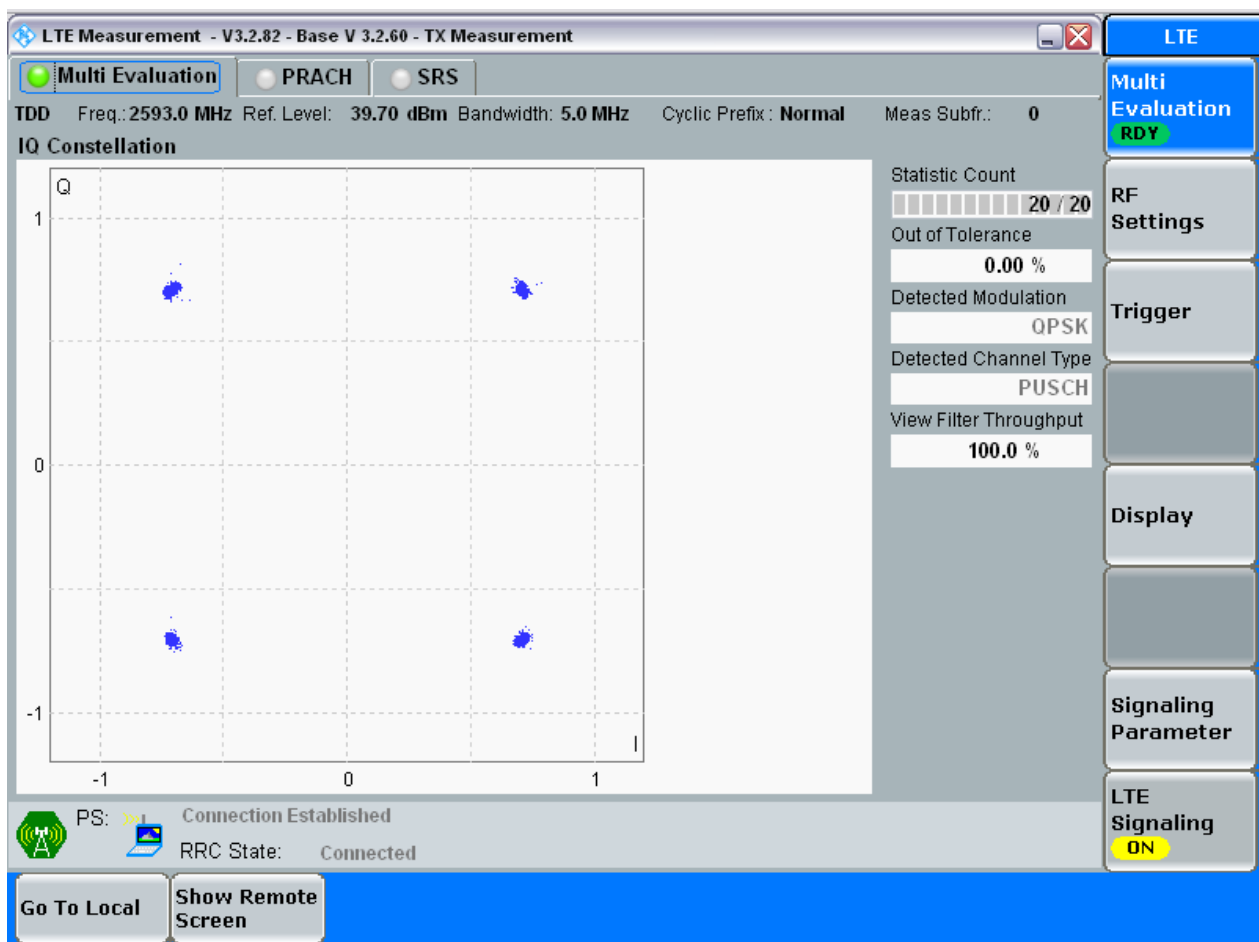
3.1.1 Test Band = BAND41

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

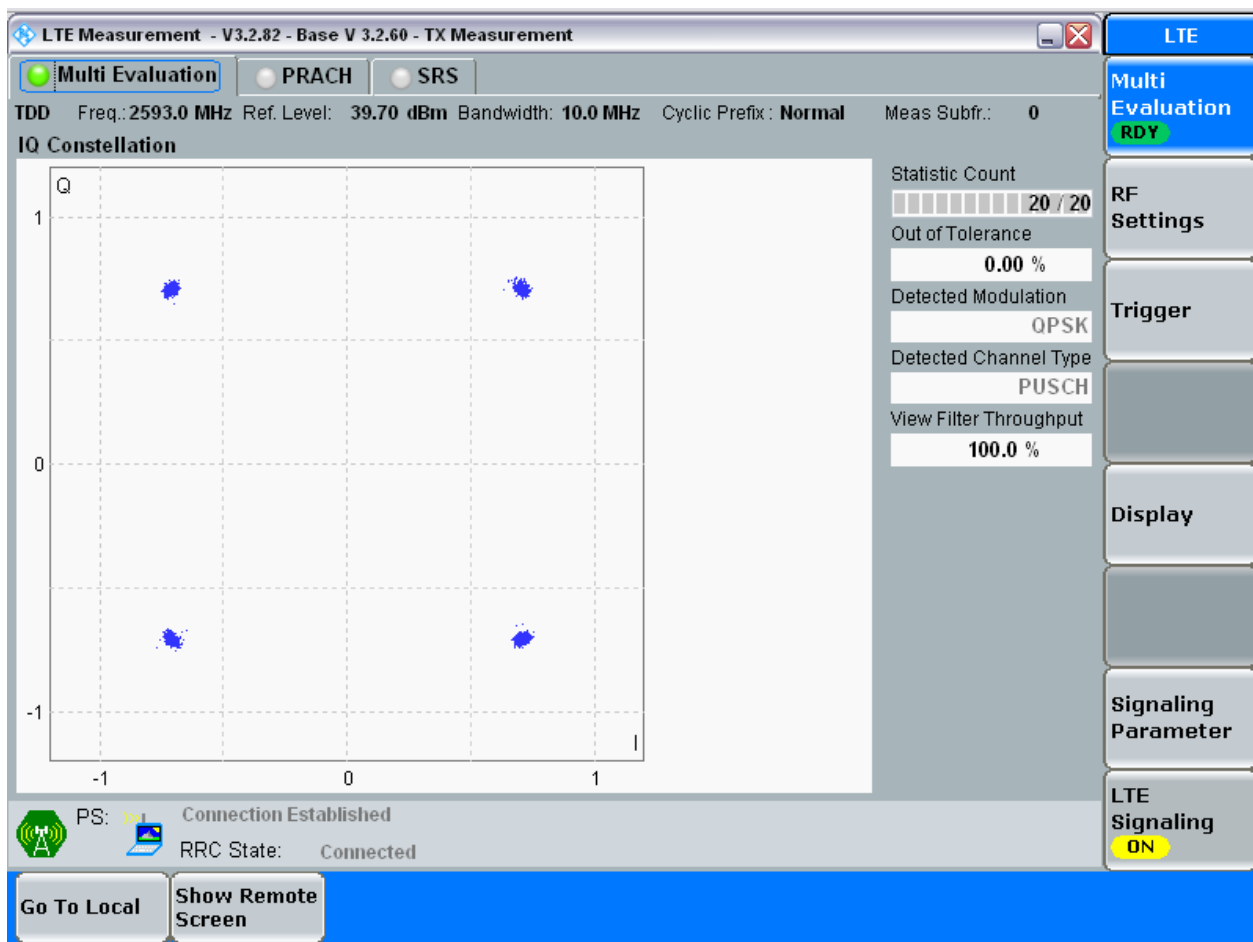
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

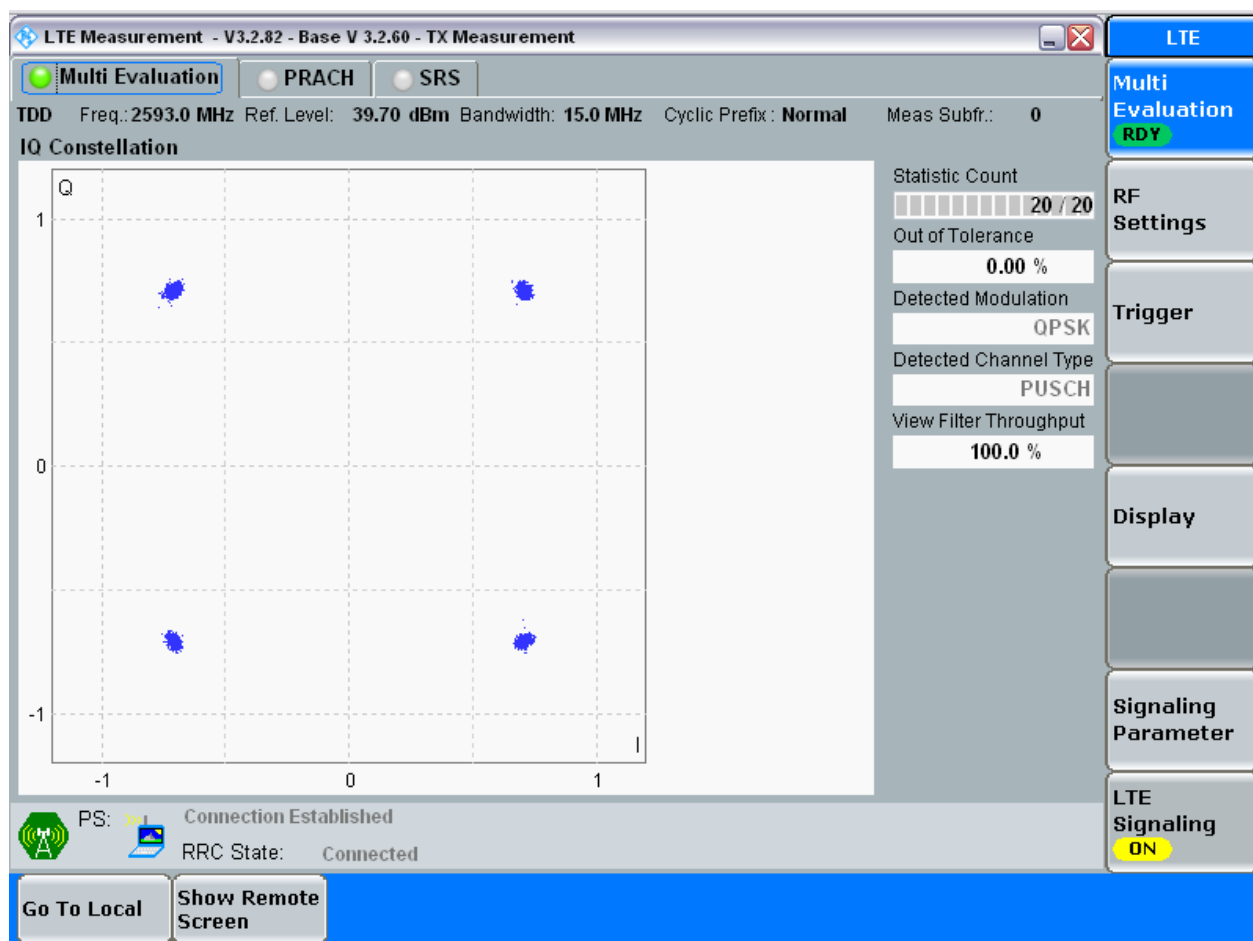
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

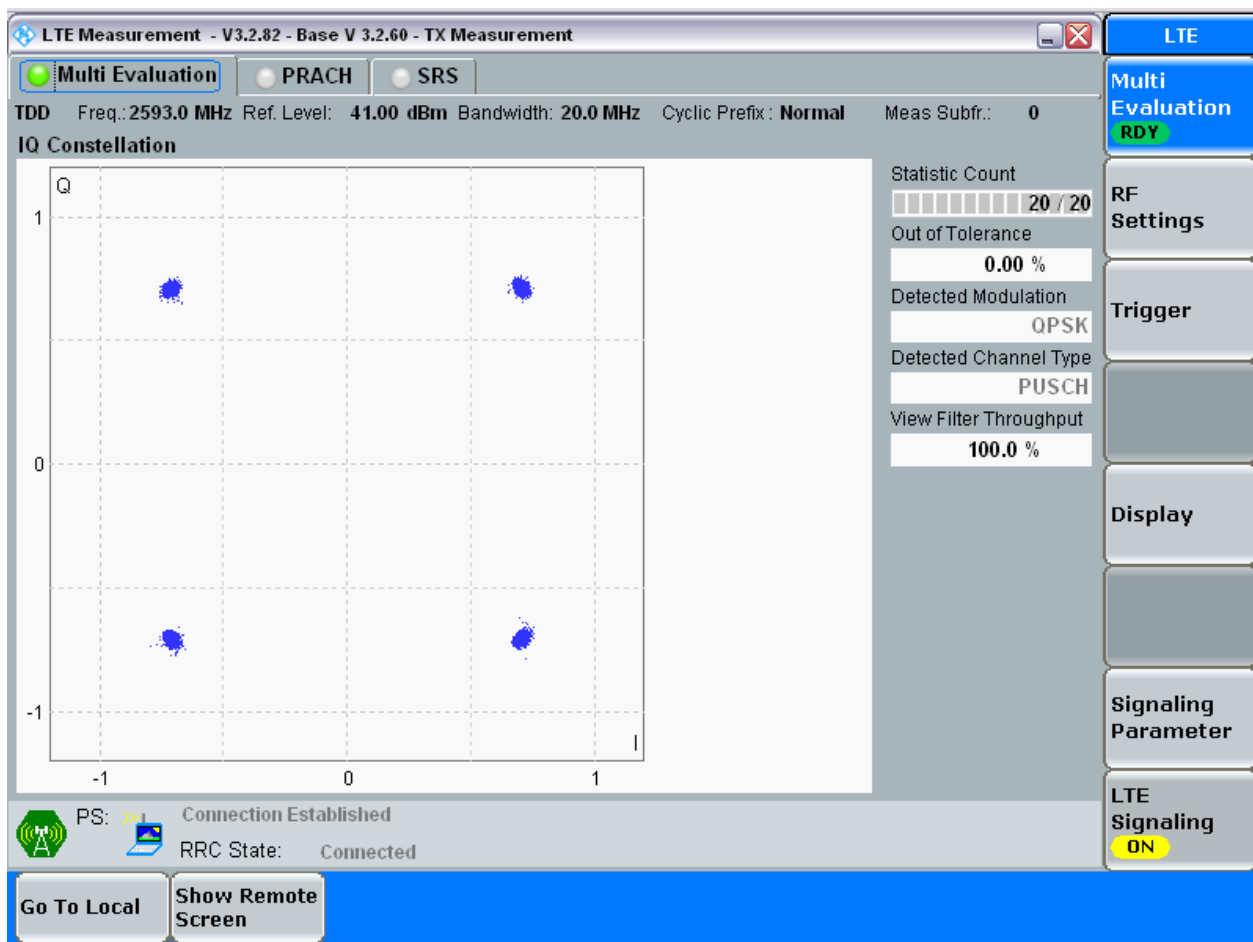
3.1.1.1.3.1.1 Test RB = RB75#0



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

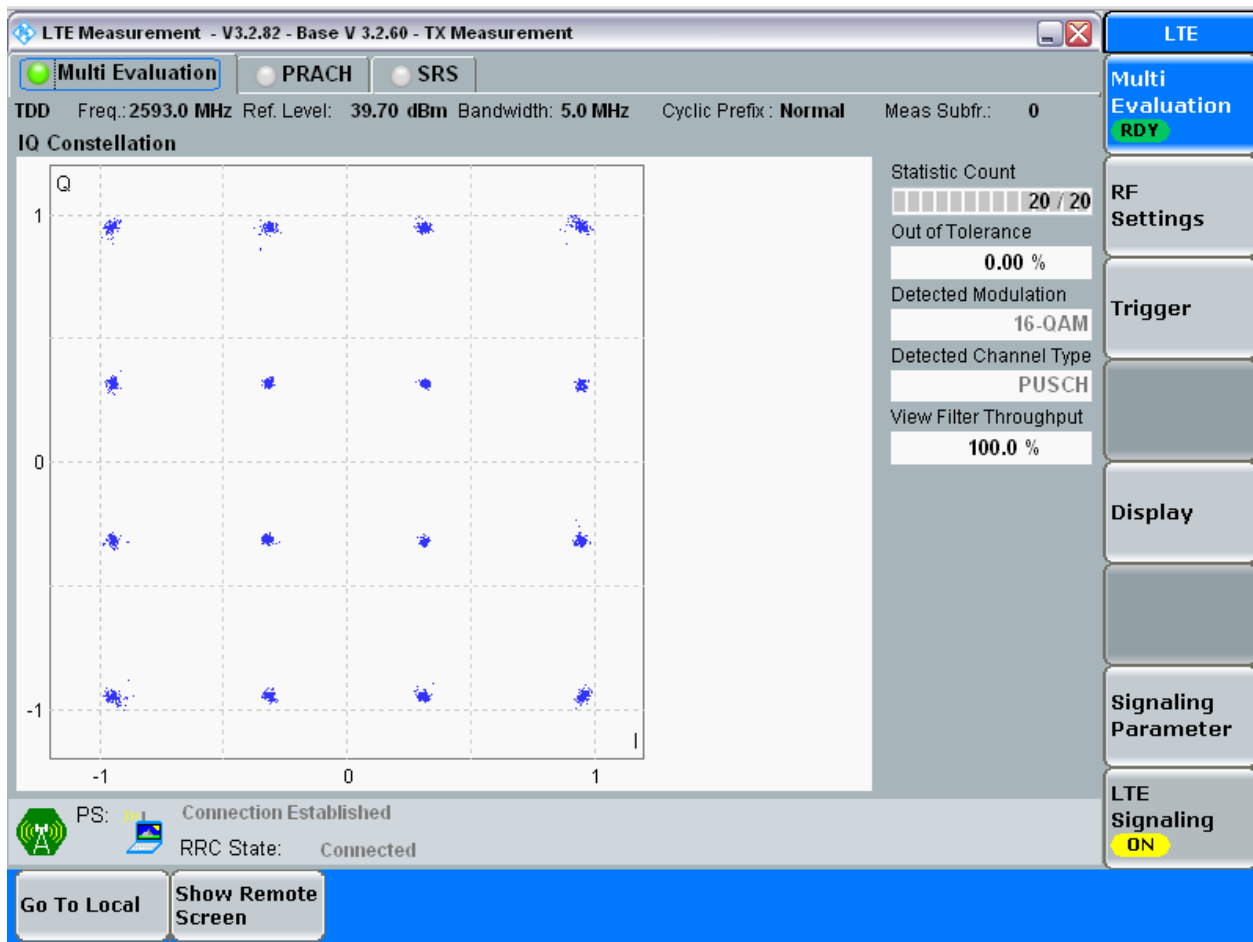


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

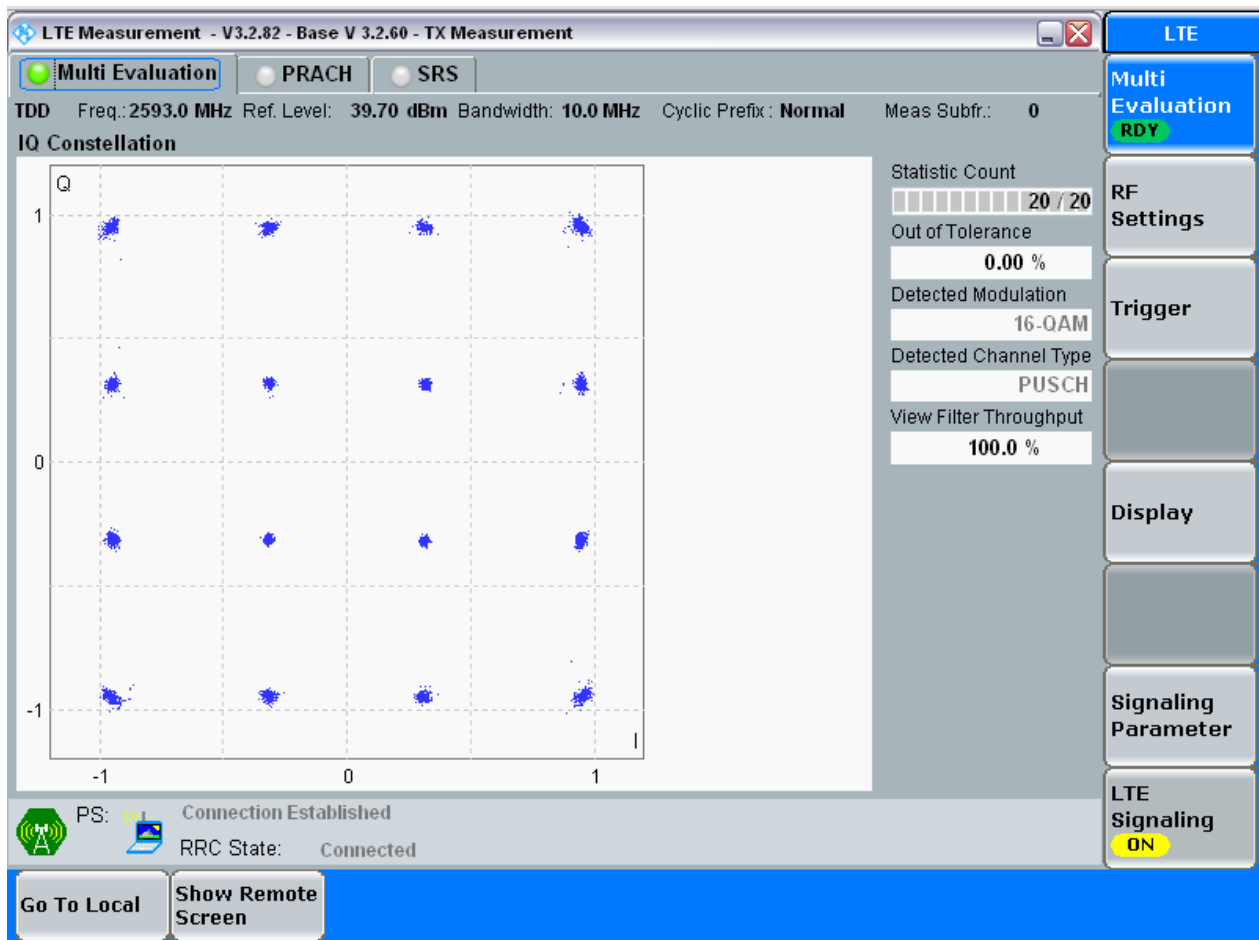
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

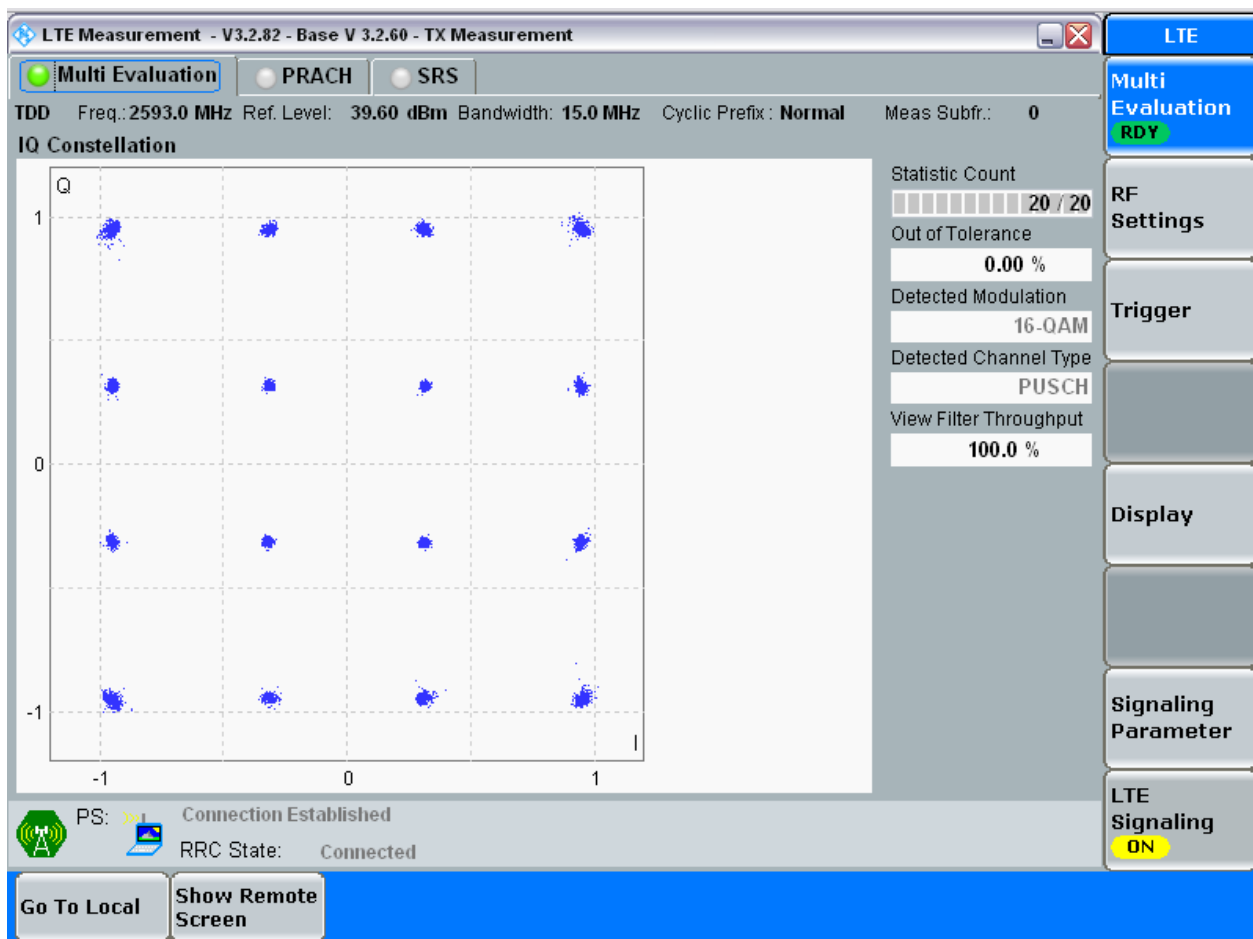
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

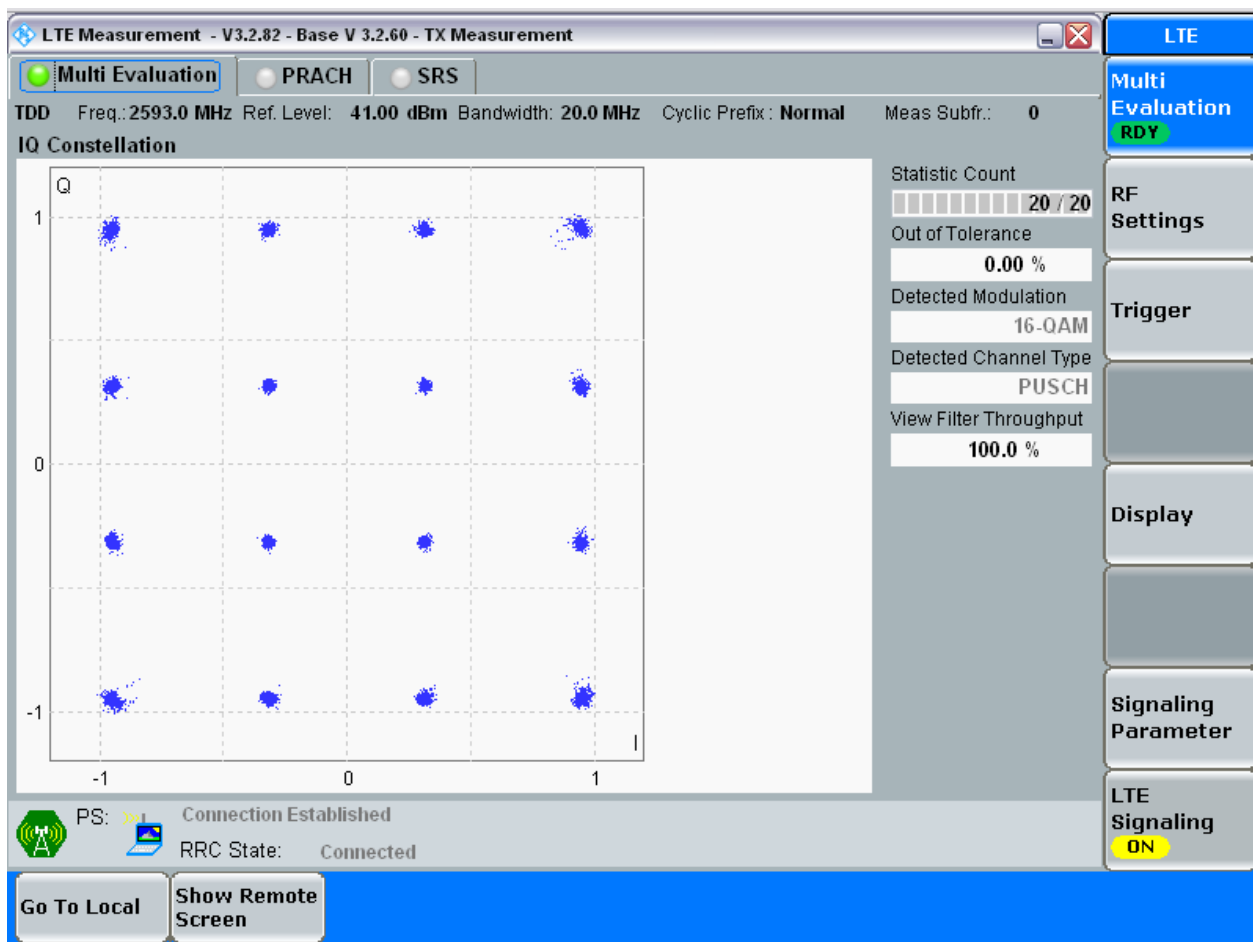
3.1.1.2.3.1.1 Test RB = RB75#0



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
BAND41	LTE/TM1	5	LCH	RB25#0	4.51	5.08	Pass
			MCH	RB25#0	4.50	5.01	Pass
			HCH	RB25#0	4.50	5.06	Pass
		10	LCH	RB50#0	9.00	9.86	Pass
			MCH	RB50#0	8.98	9.87	Pass
			HCH	RB50#0	8.98	9.87	Pass
		15	LCH	RB75#0	13.47	14.97	Pass
			MCH	RB75#0	13.48	14.99	Pass
			HCH	RB75#0	13.44	14.88	Pass
		20	LCH	RB100#0	18.00	19.77	Pass
			MCH	RB100#0	17.98	19.77	Pass
			HCH	RB100#0	17.97	19.73	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.52	4.94	Pass
		10	LCH	RB50#0	8.98	9.87	Pass
			MCH	RB50#0	8.99	9.85	Pass
			HCH	RB50#0	9.01	9.89	Pass
		15	LCH	RB75#0	13.52	15.01	Pass
			MCH	RB75#0	13.46	14.83	Pass
			HCH	RB75#0	13.47	14.95	Pass
		20	LCH	RB100#0	17.96	19.95	Pass
			MCH	RB100#0	17.94	19.85	Pass
			HCH	RB100#0	17.97	19.81	Pass



Part II - Test Plots

4.1 For LTE

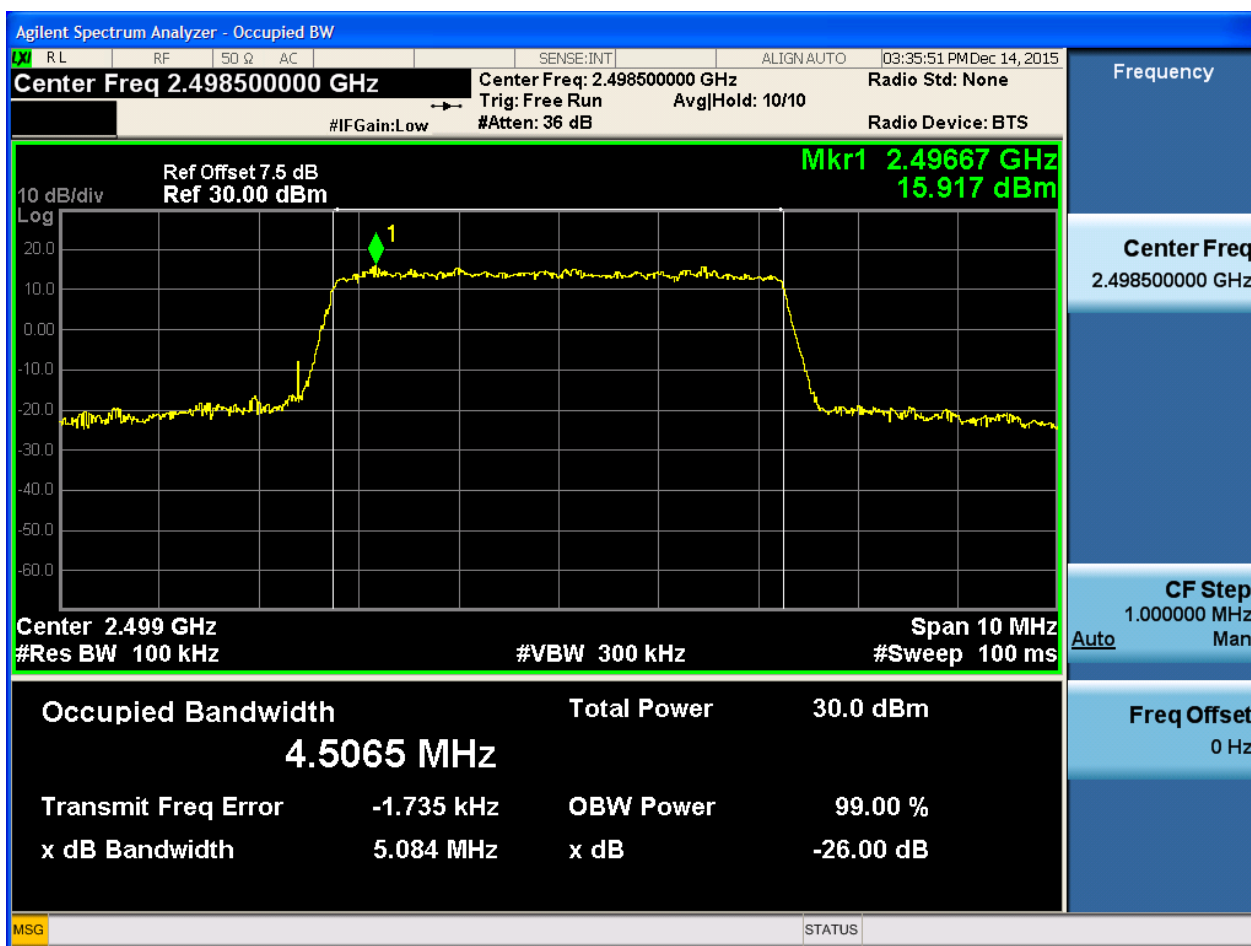
4.1.1 Test Band = BAND41

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

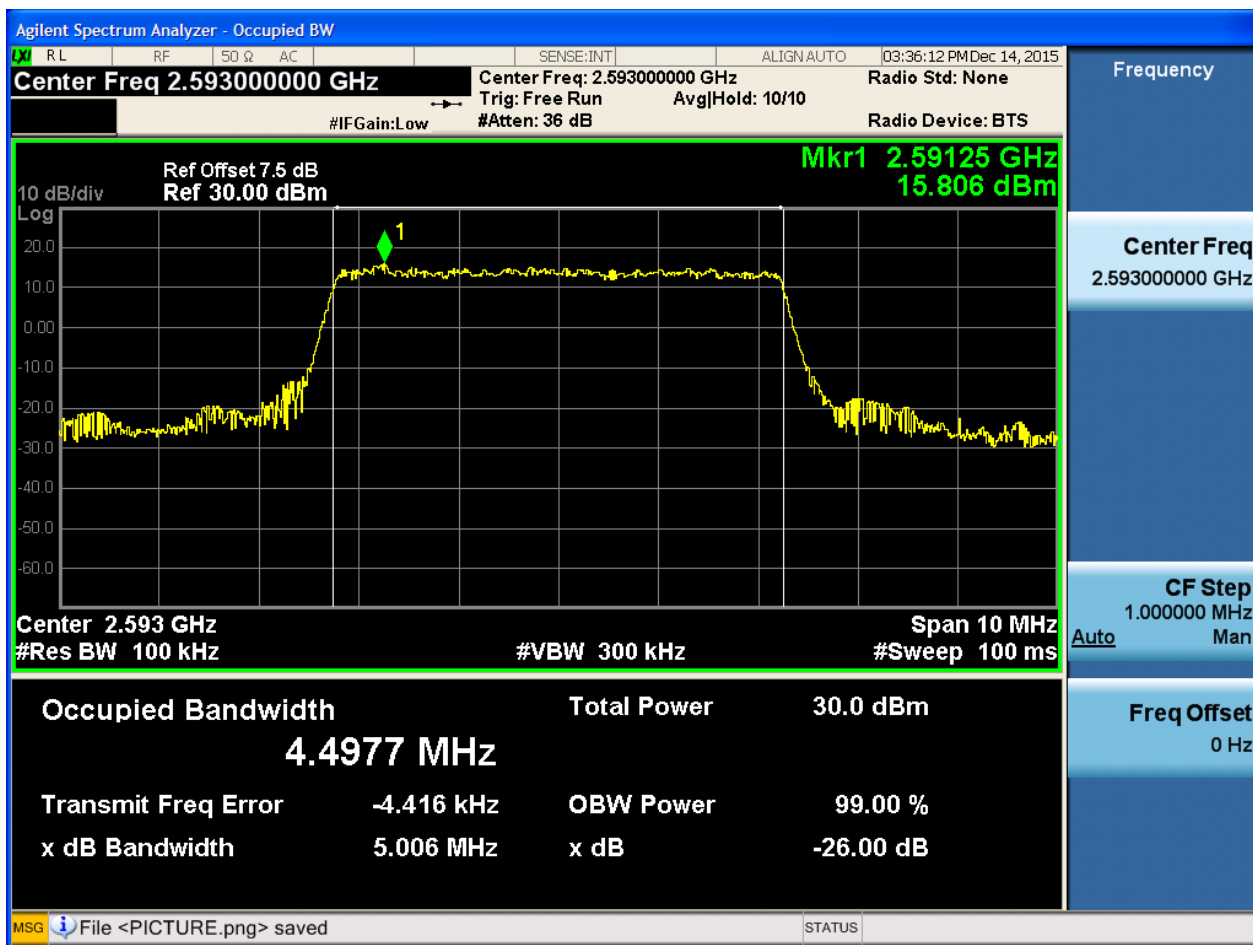
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

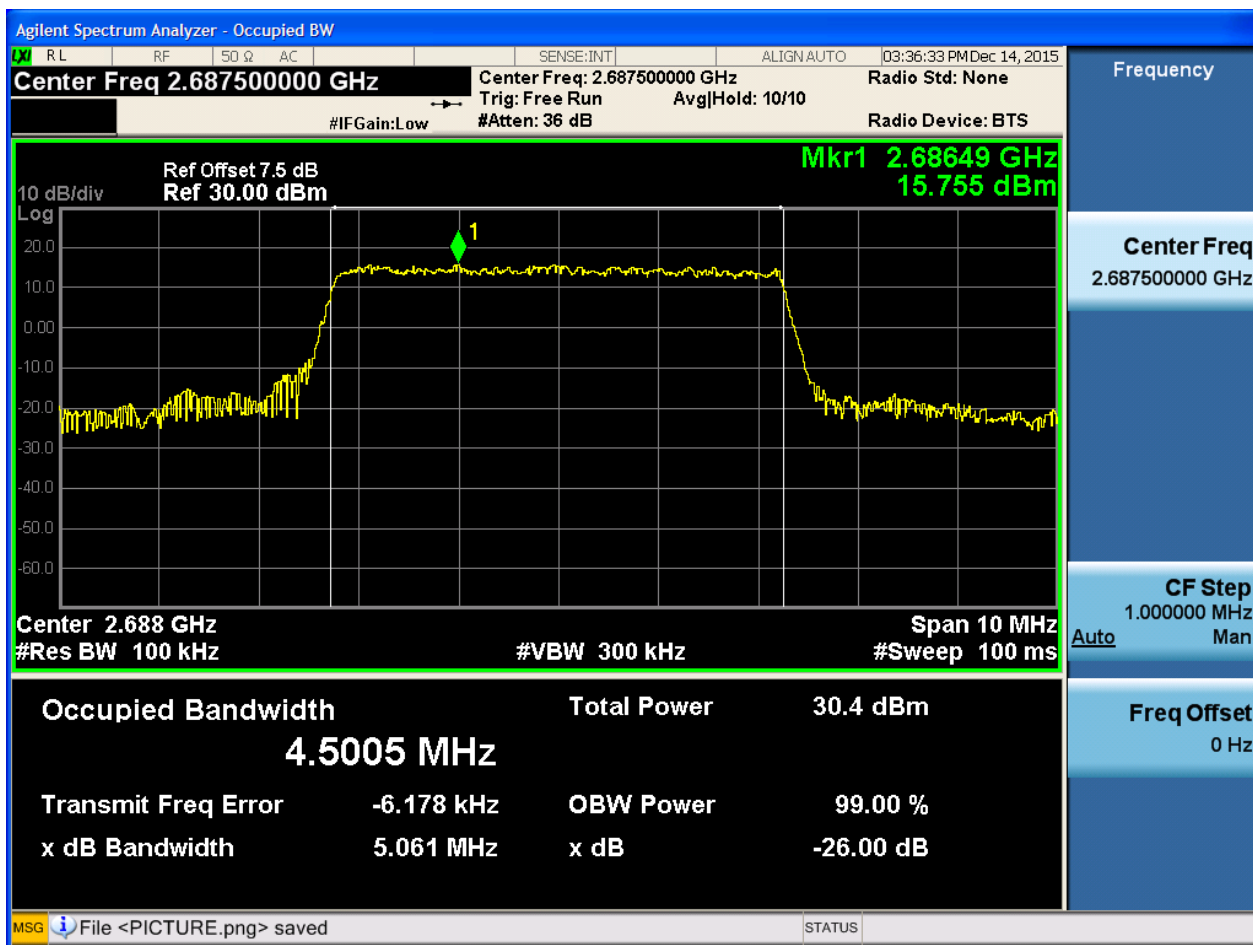
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

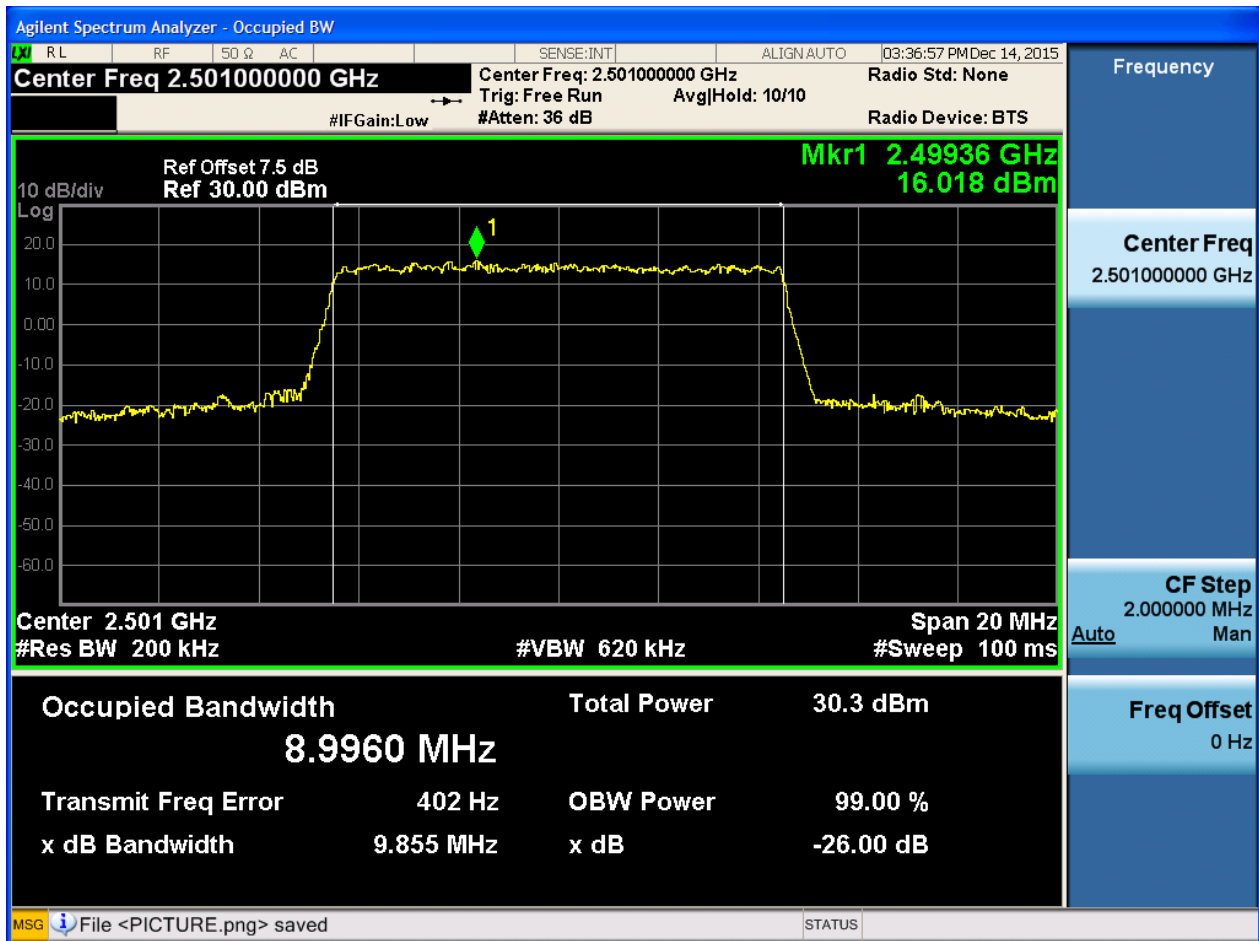




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

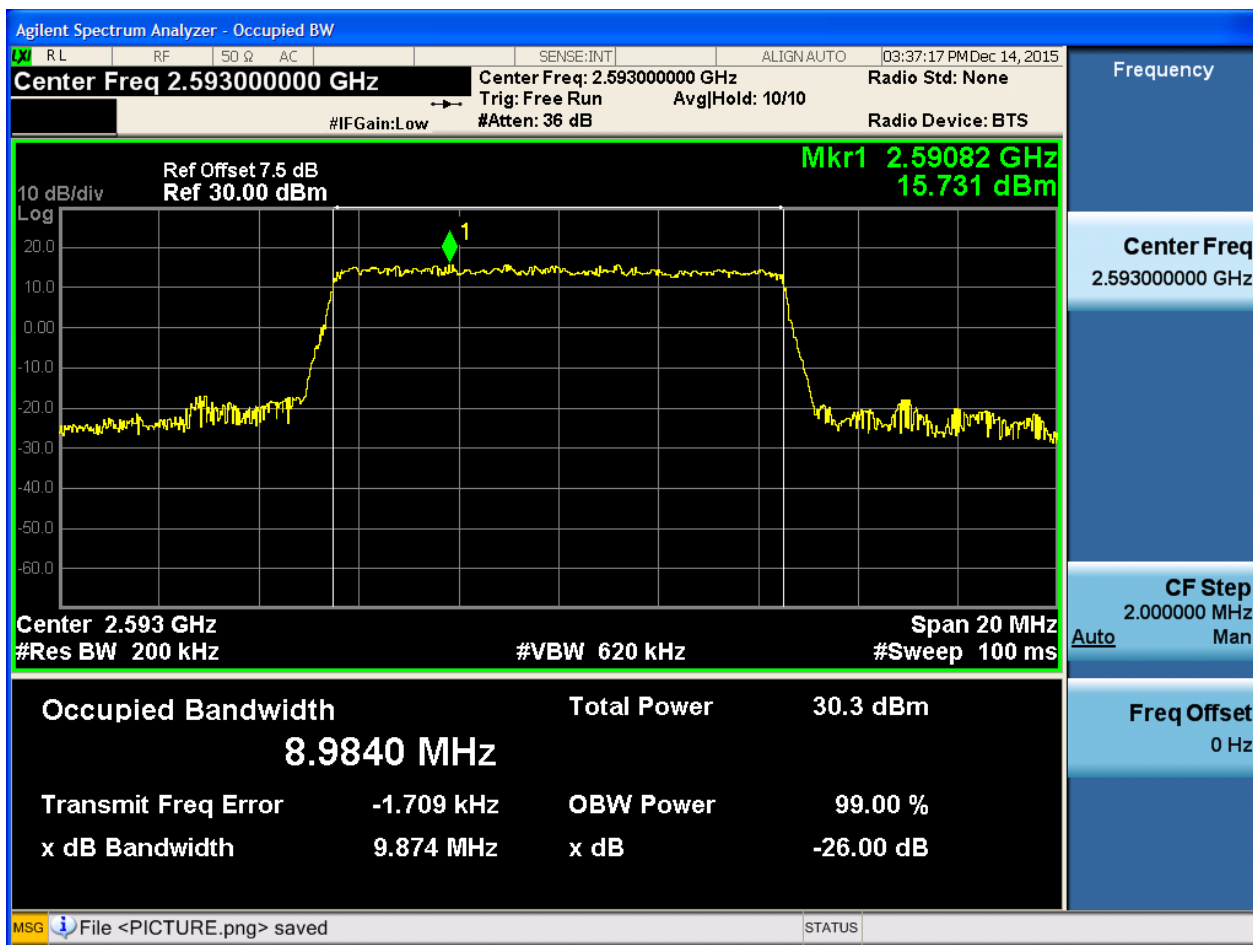
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

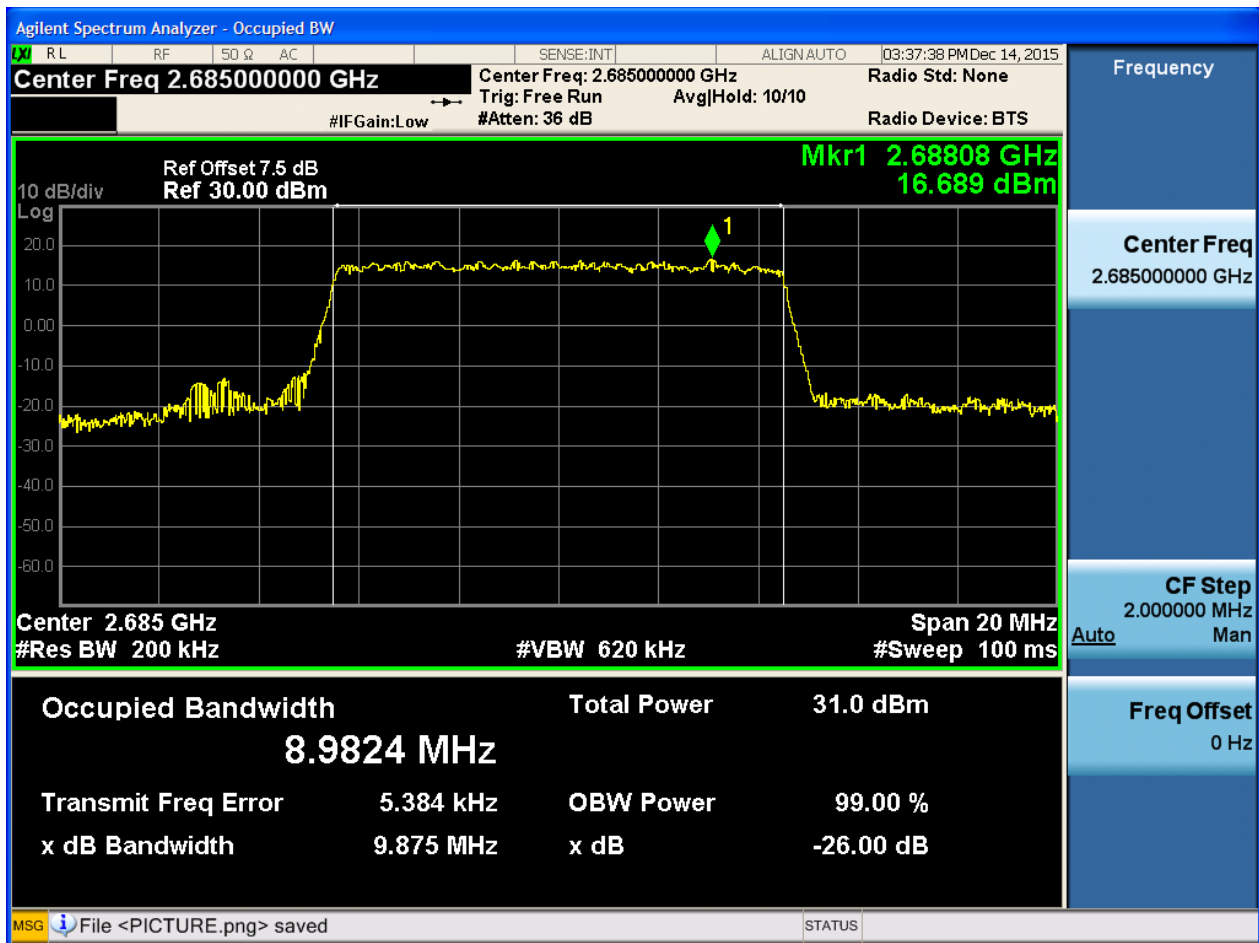
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

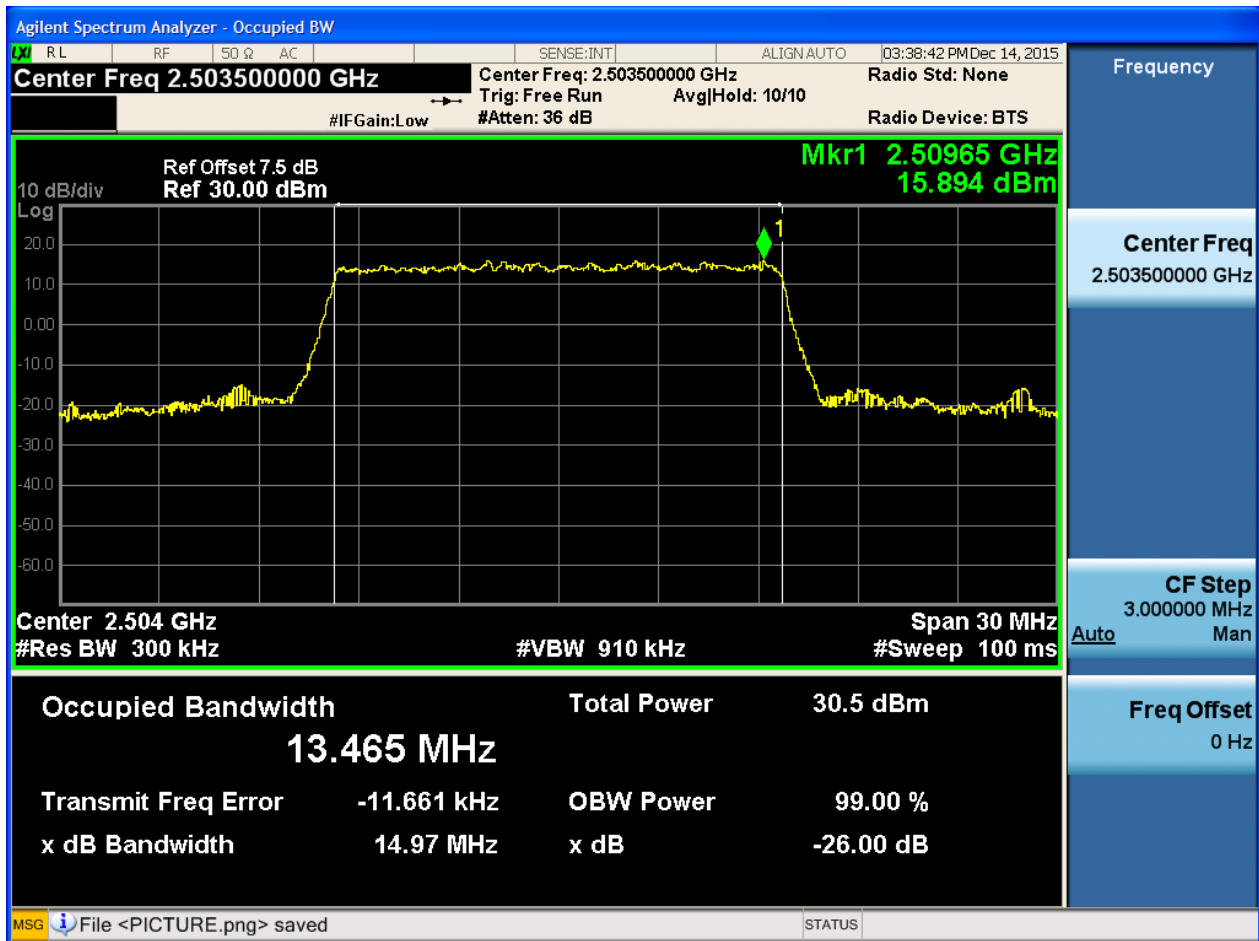




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

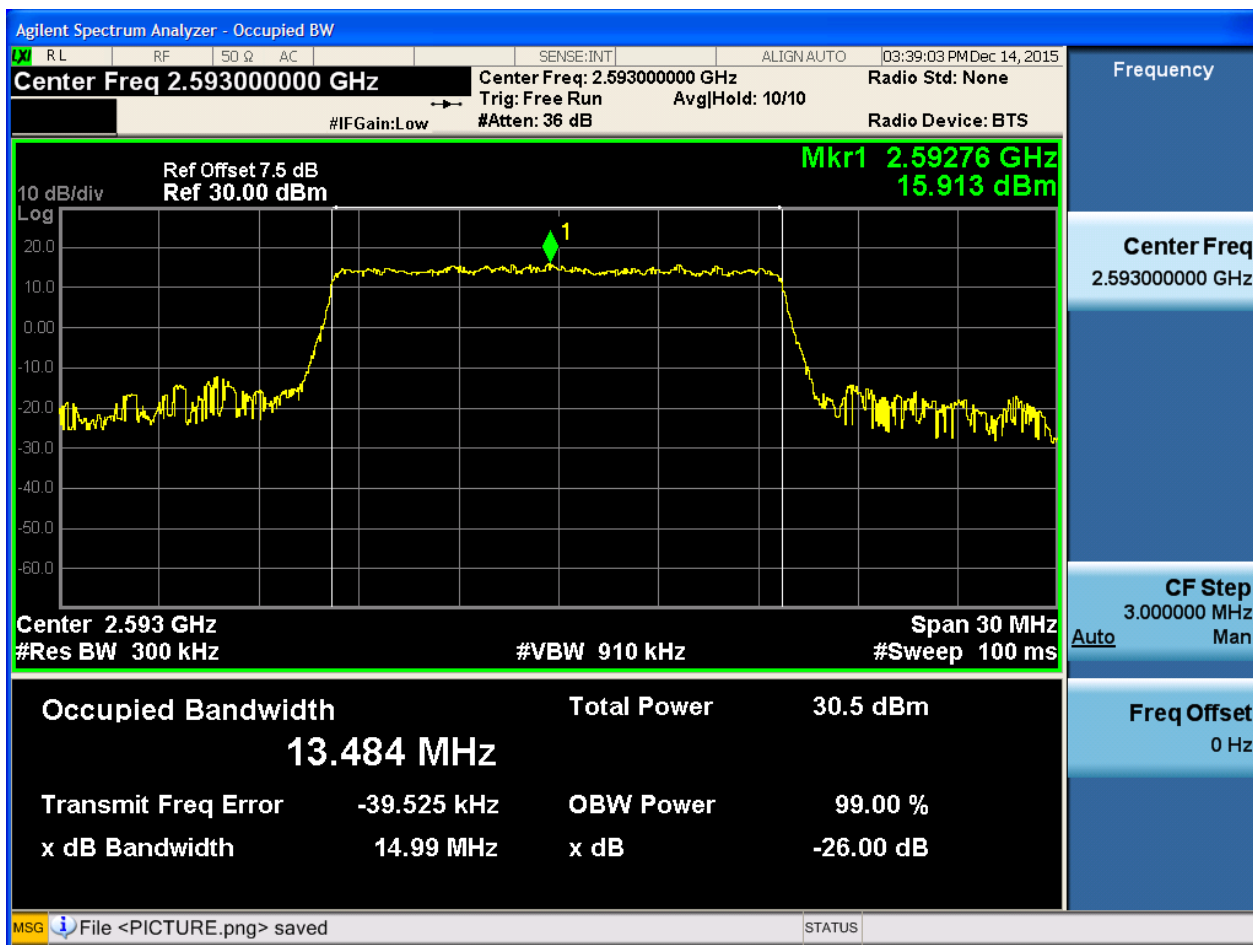
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

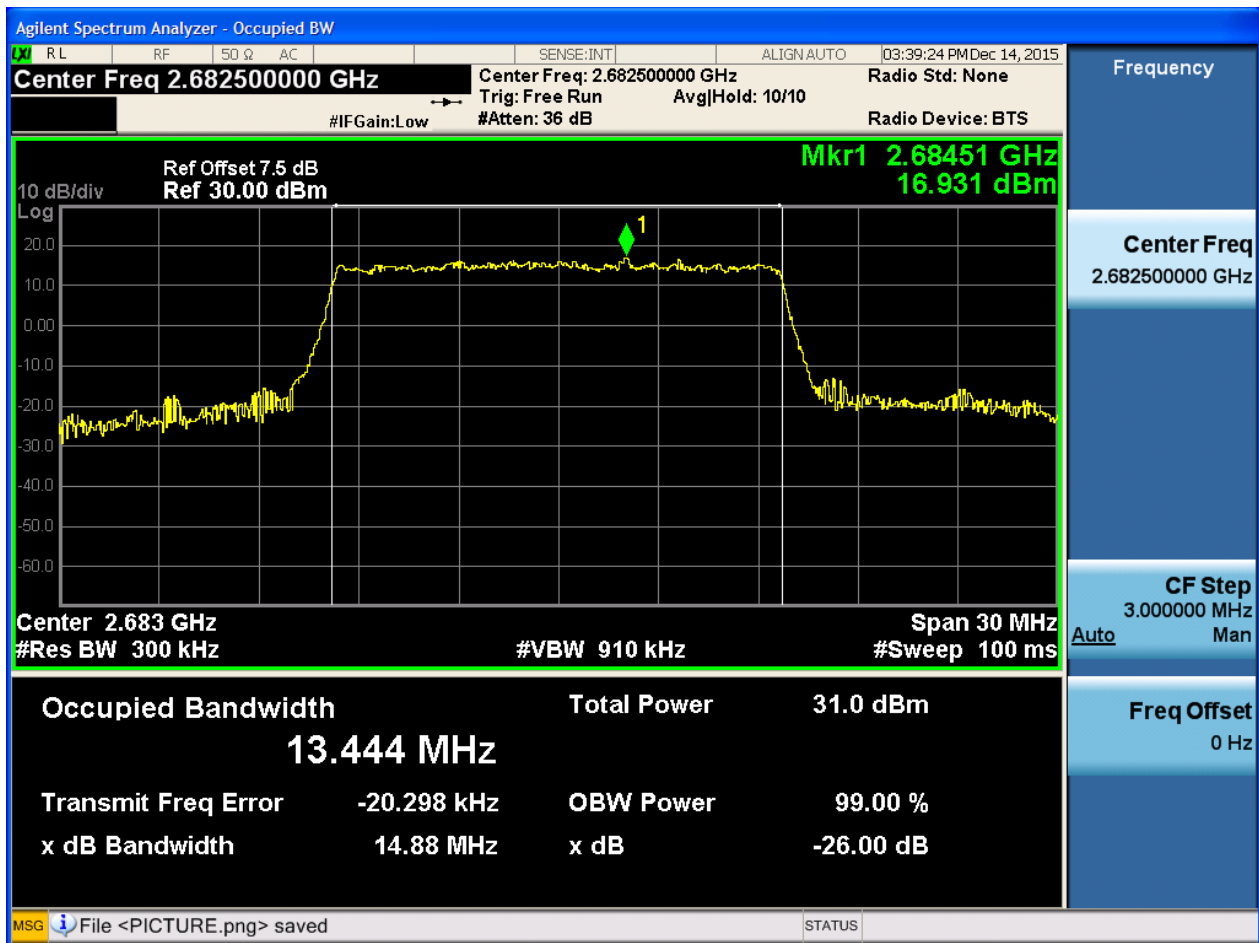
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

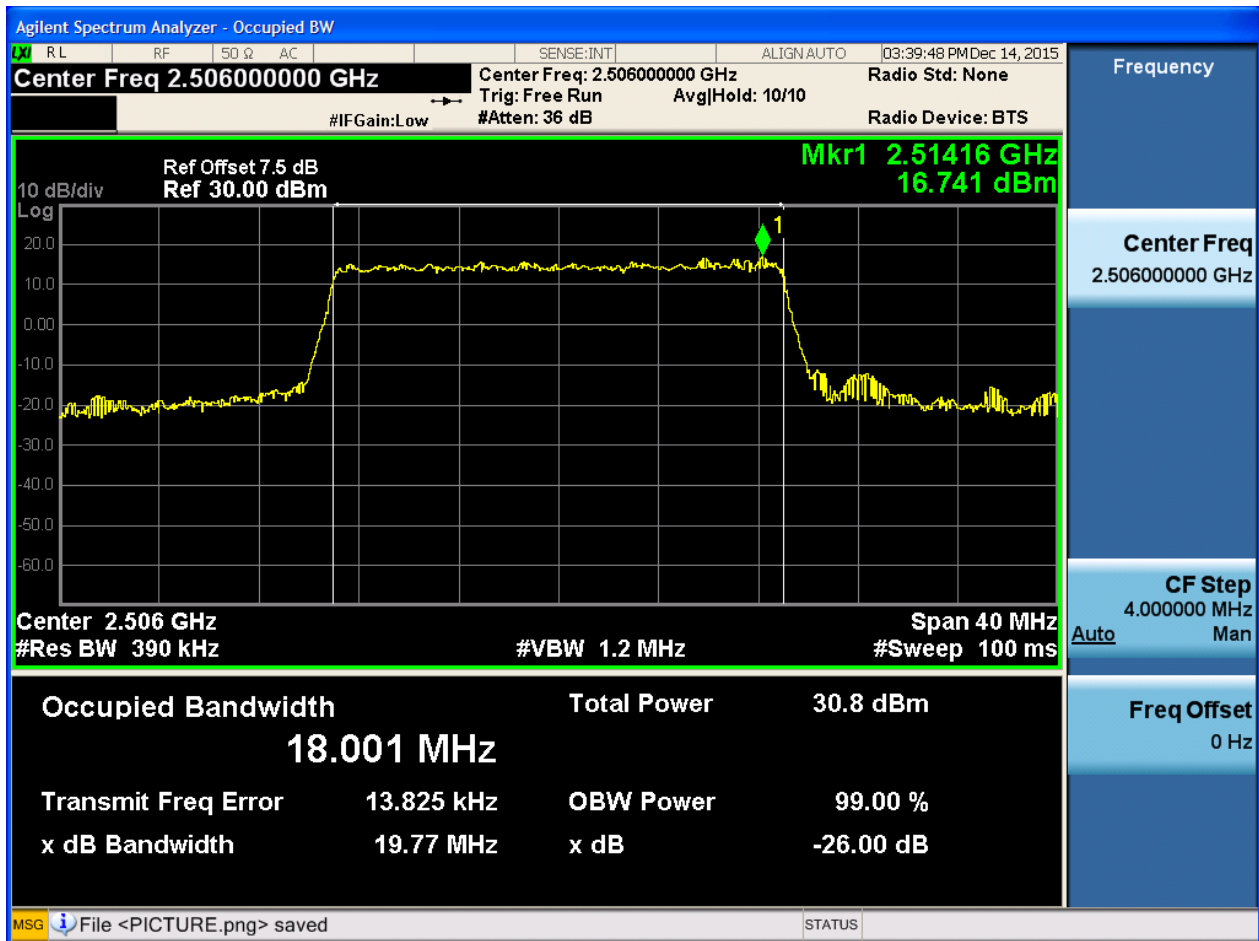




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

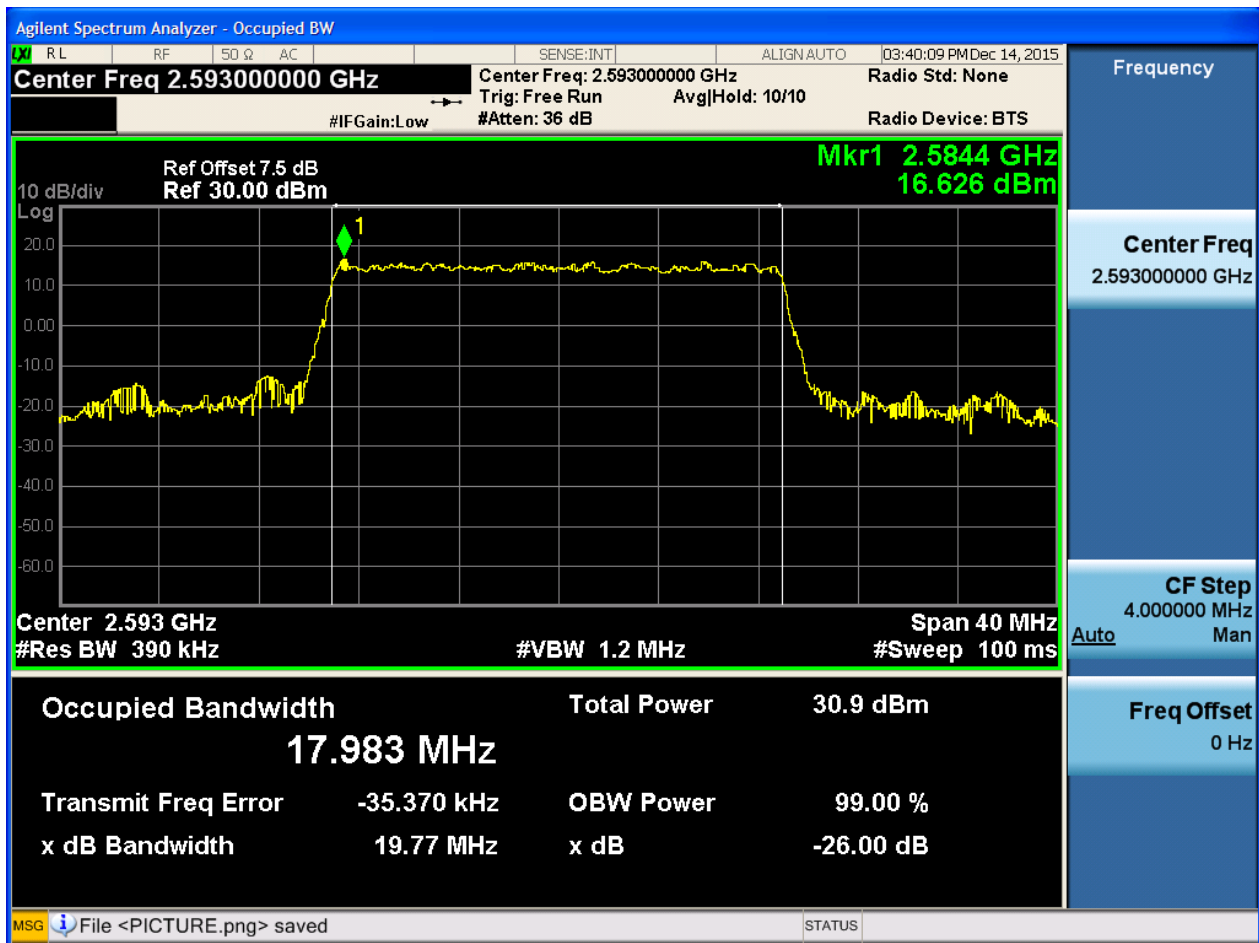
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

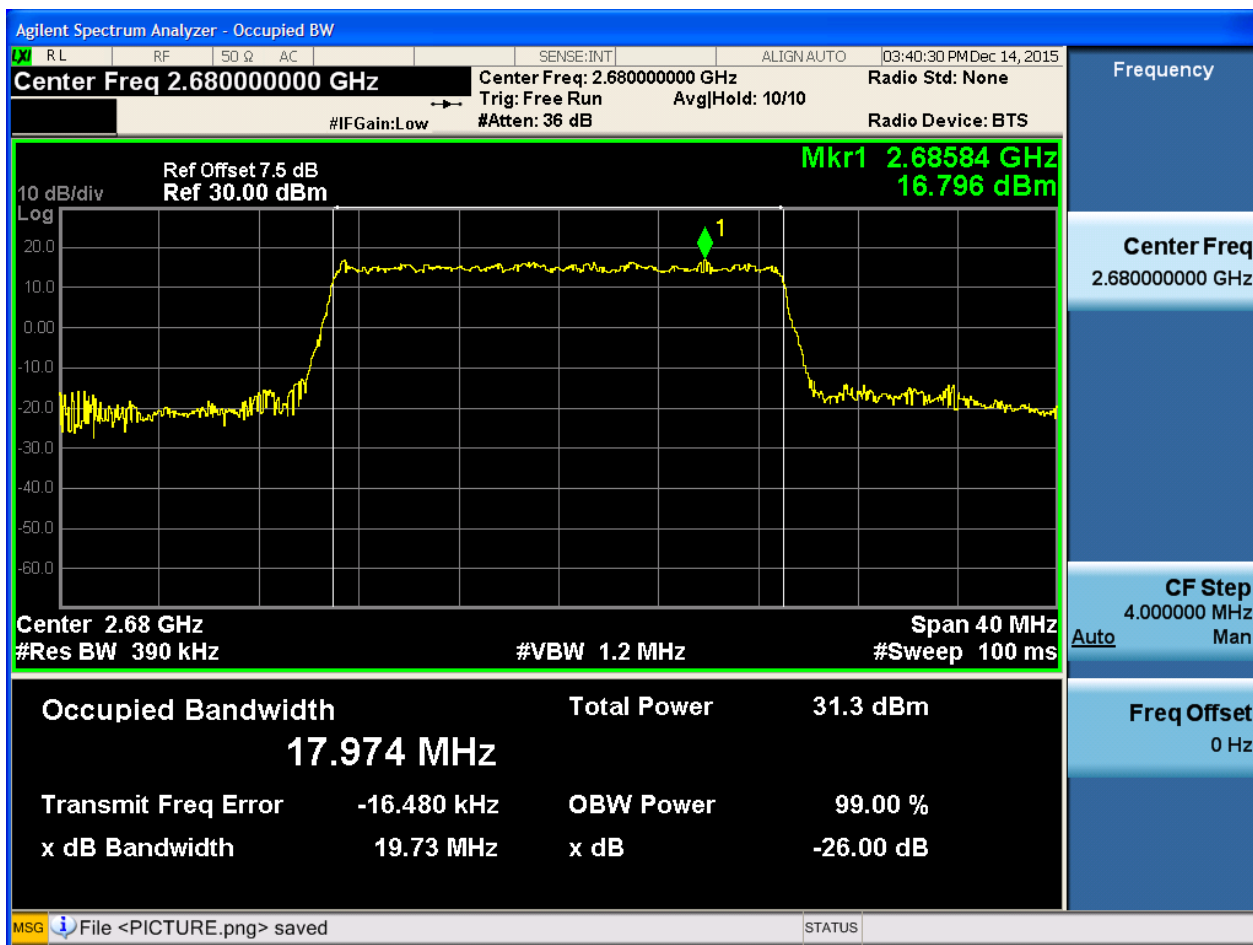
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



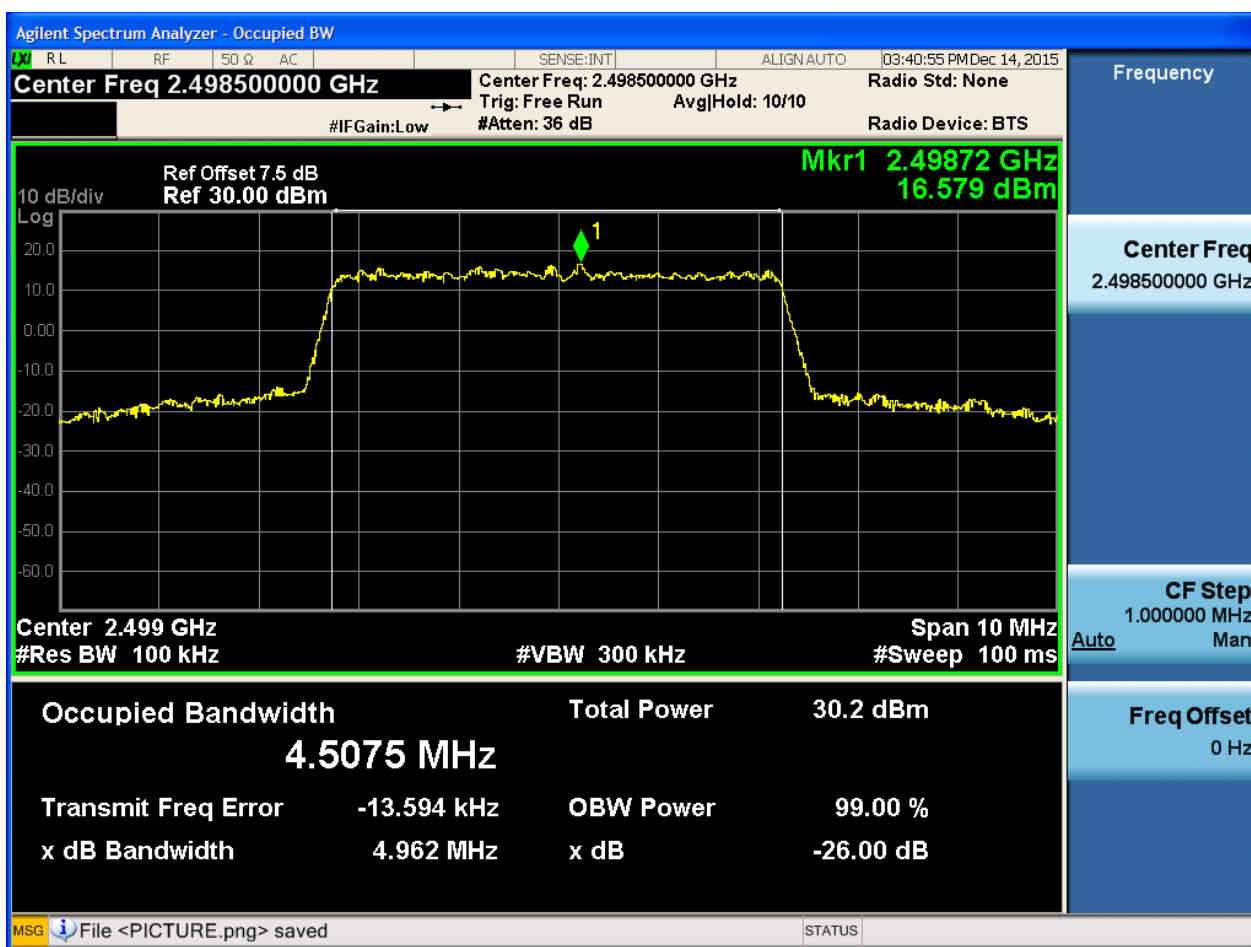


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

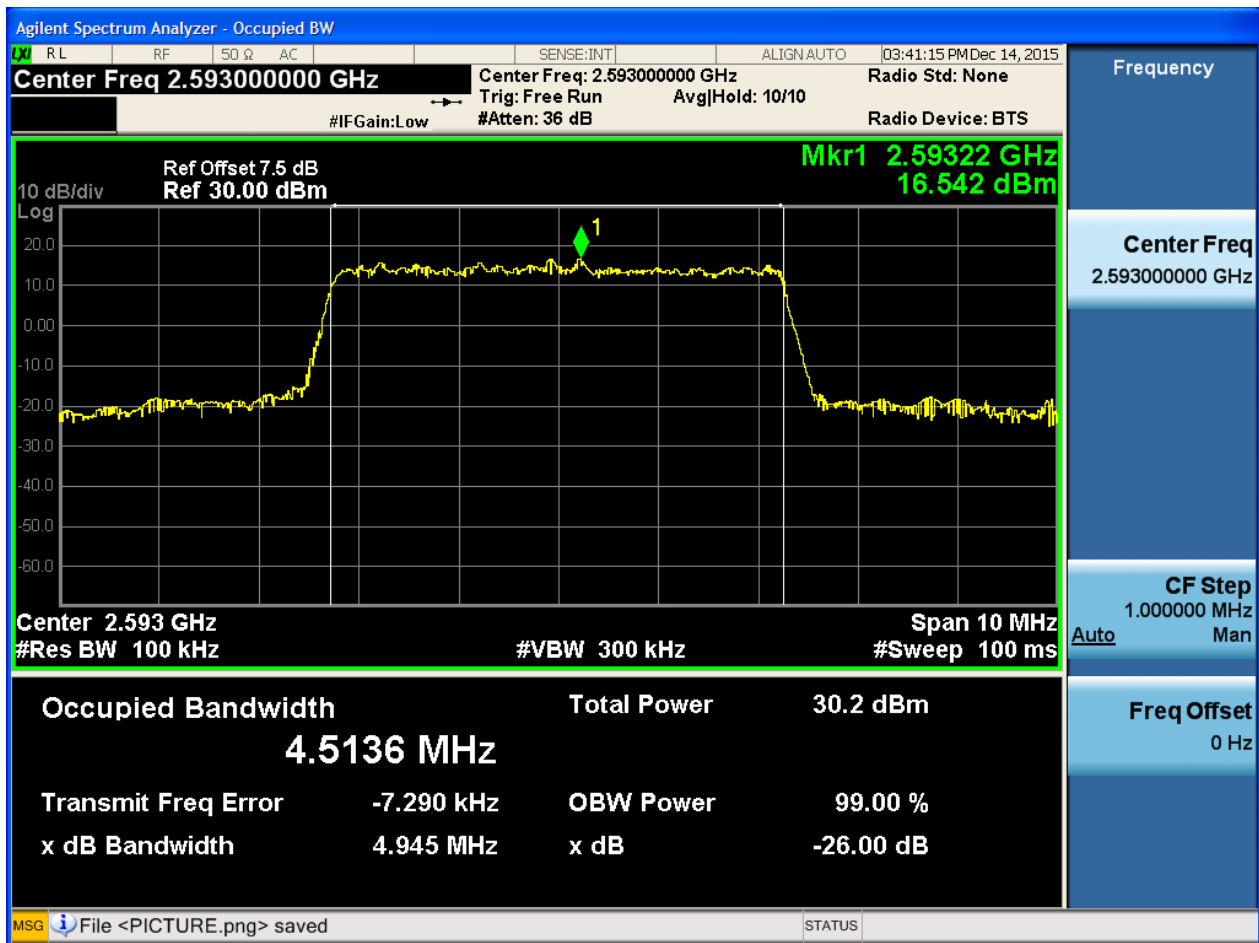
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

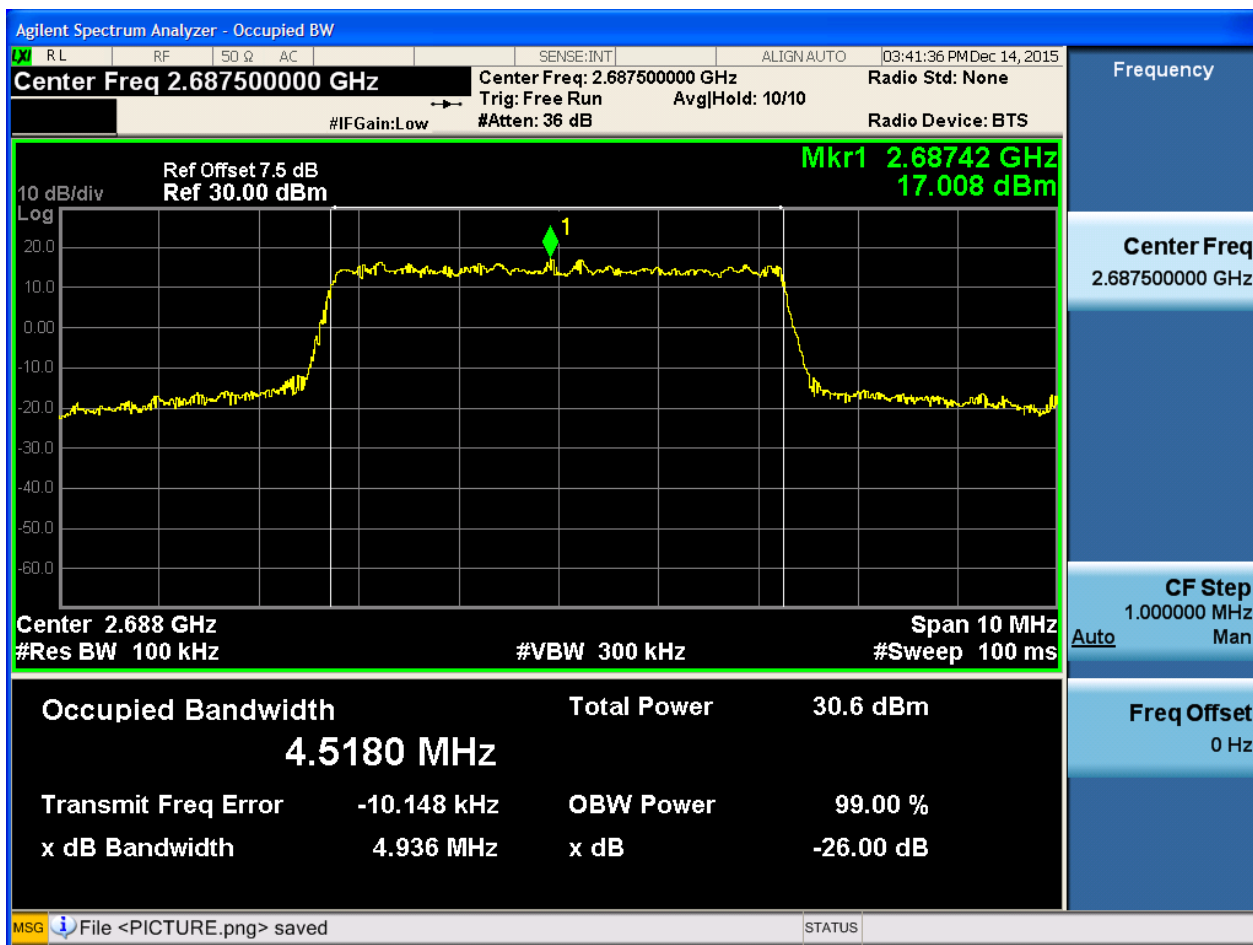
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

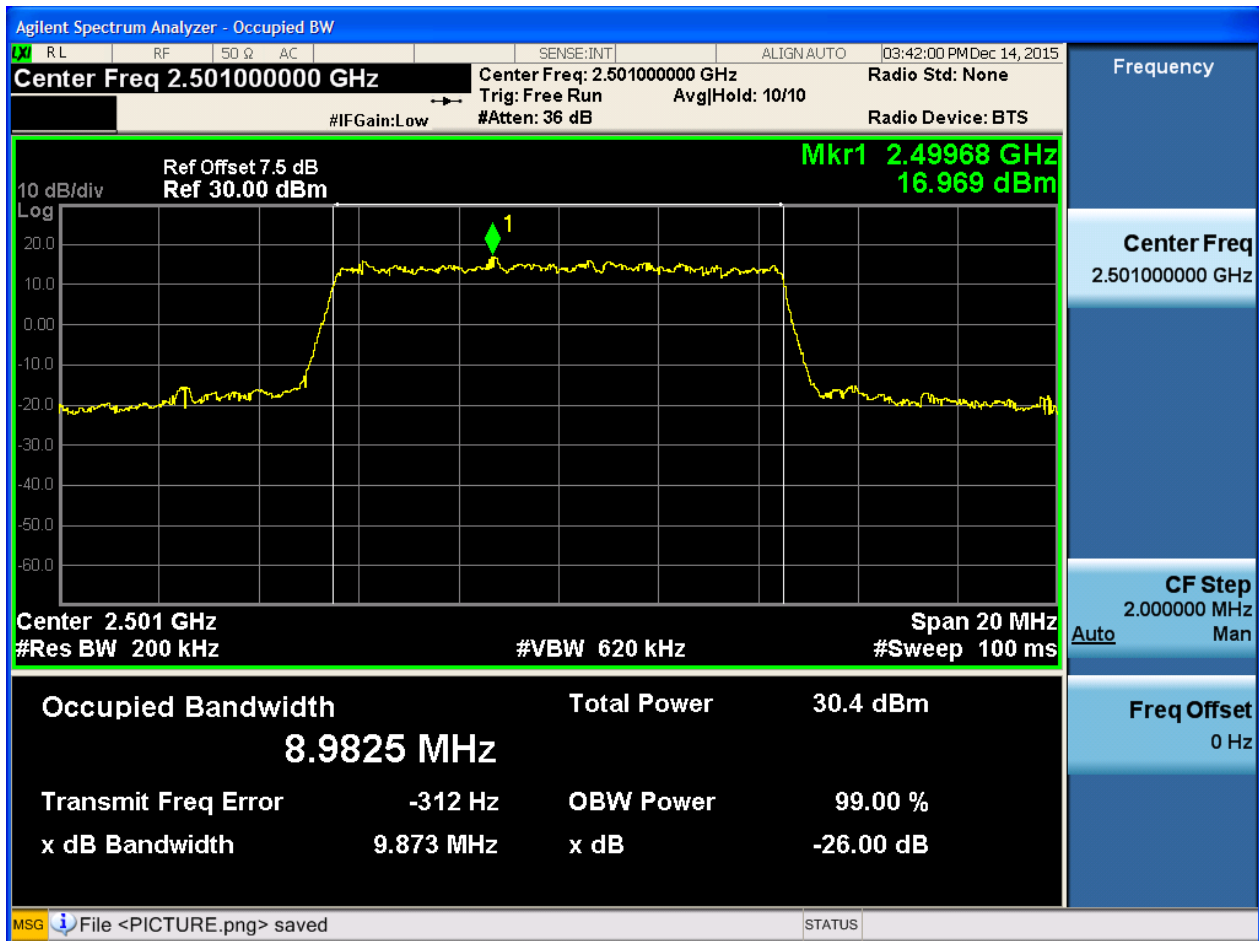




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

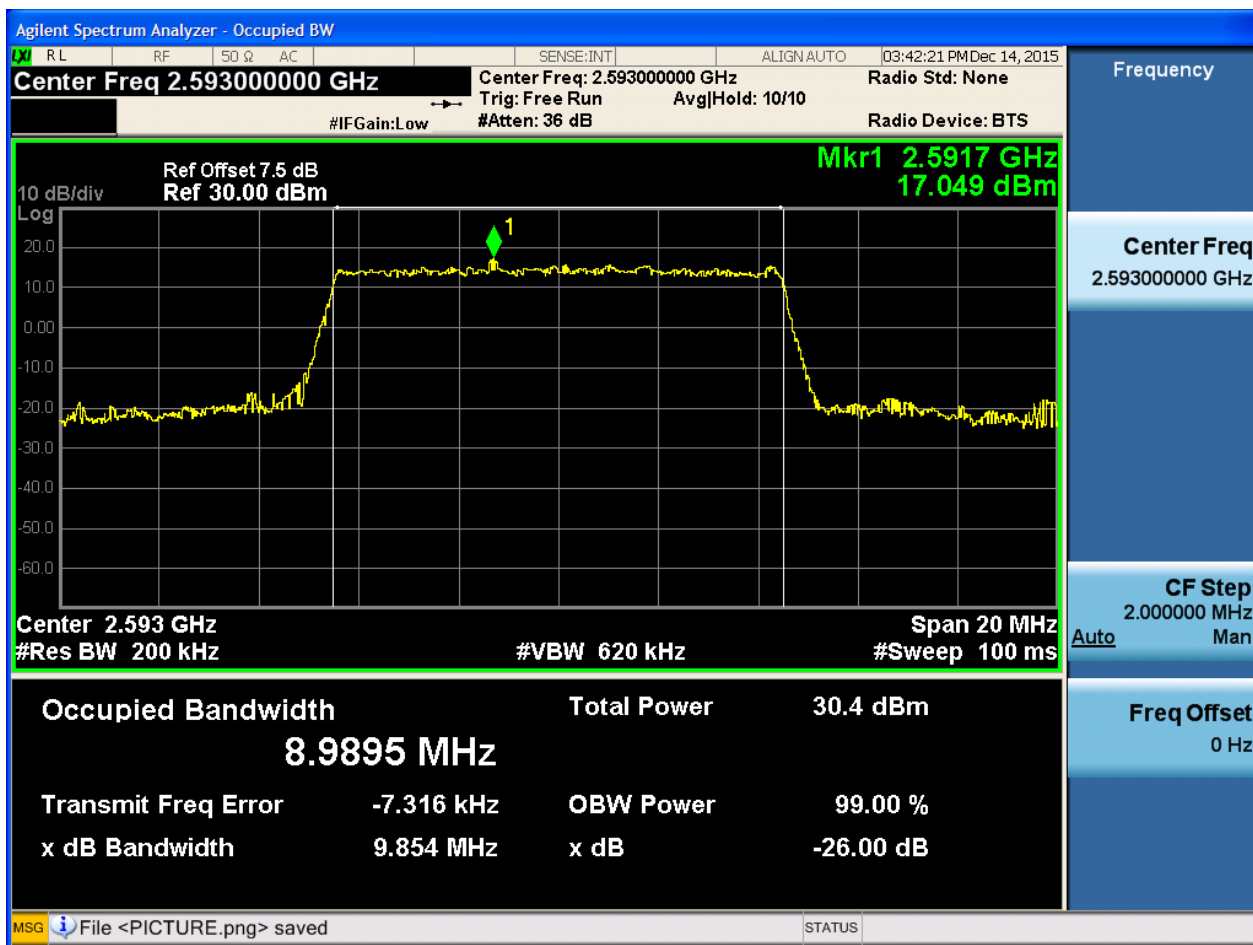
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

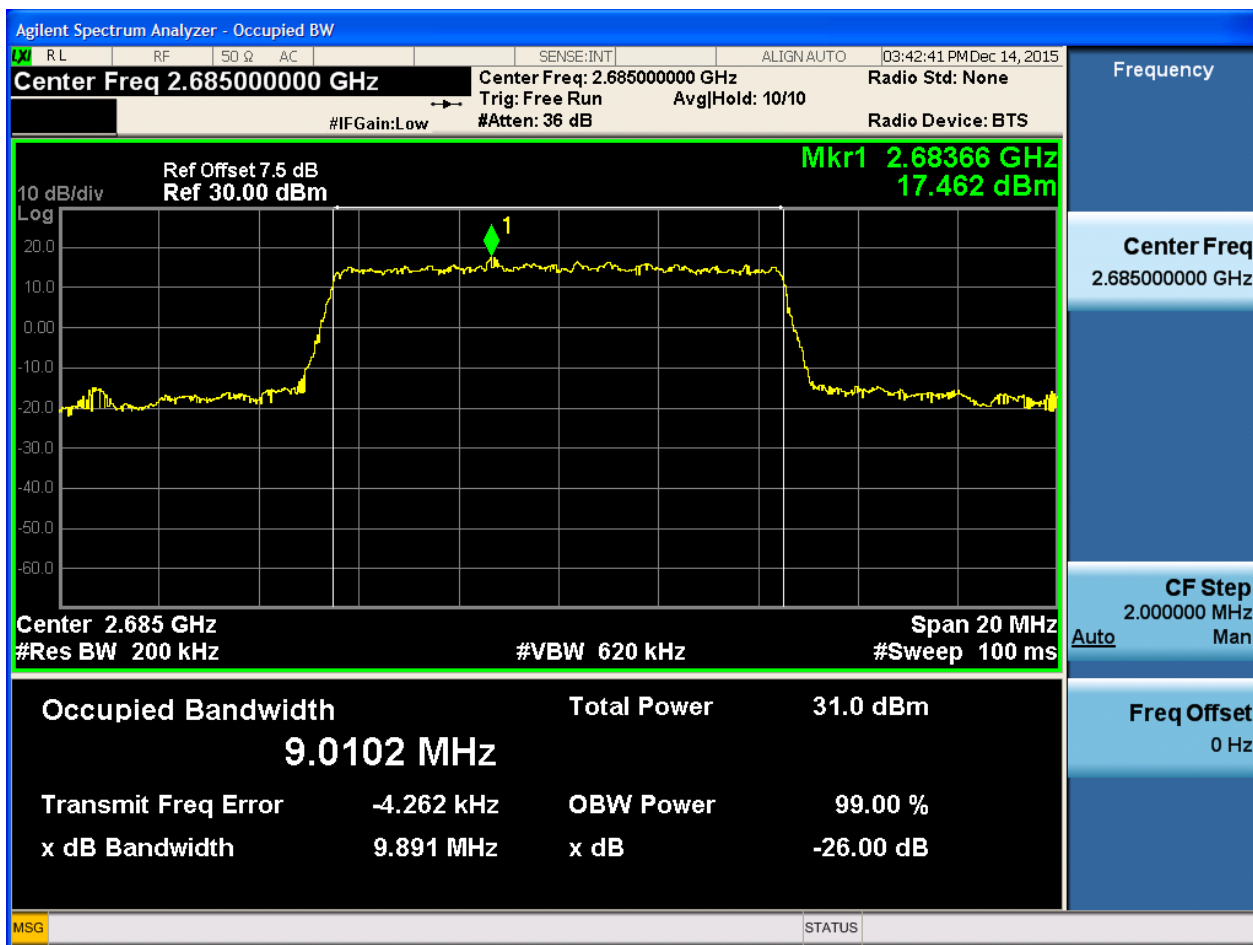
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

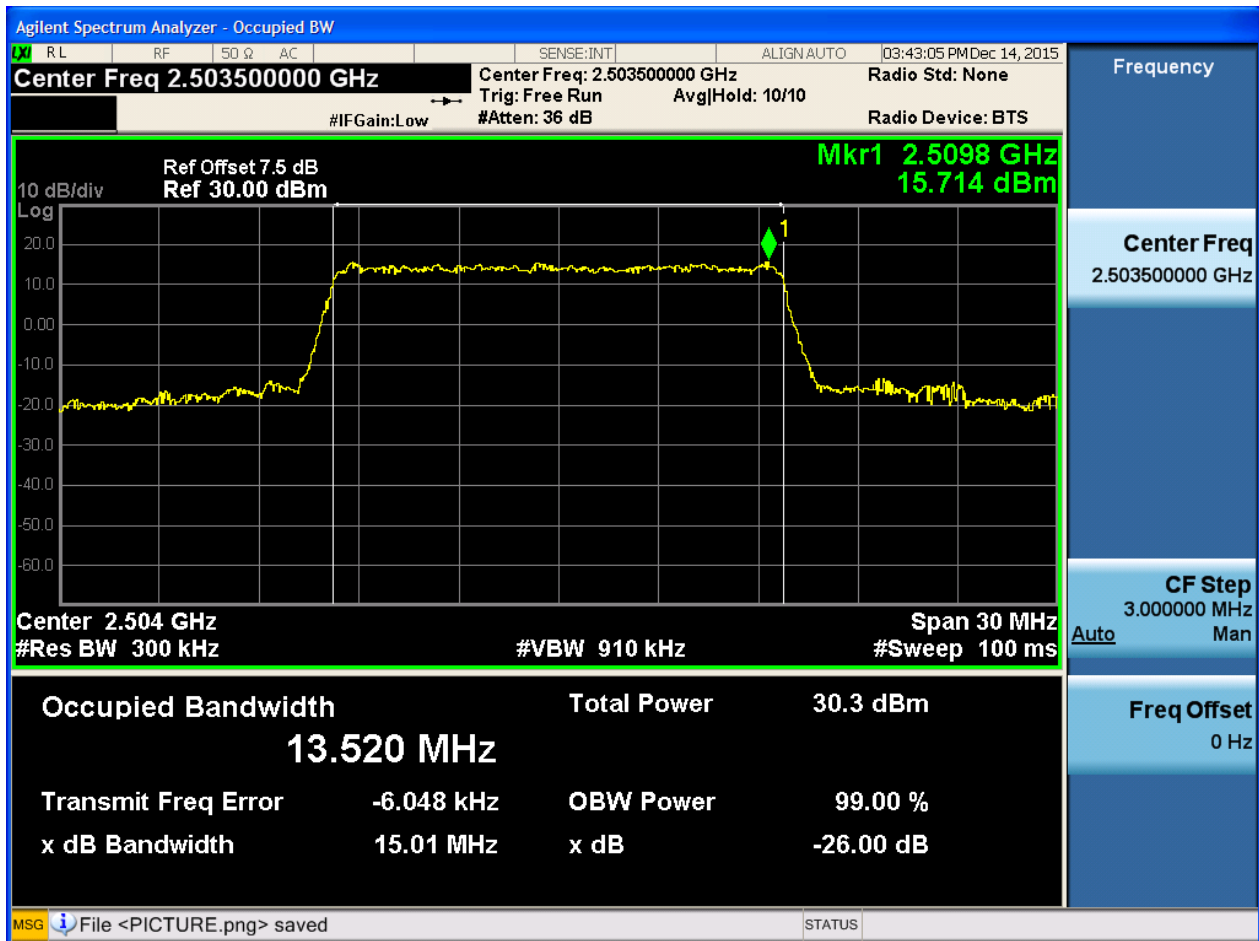




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

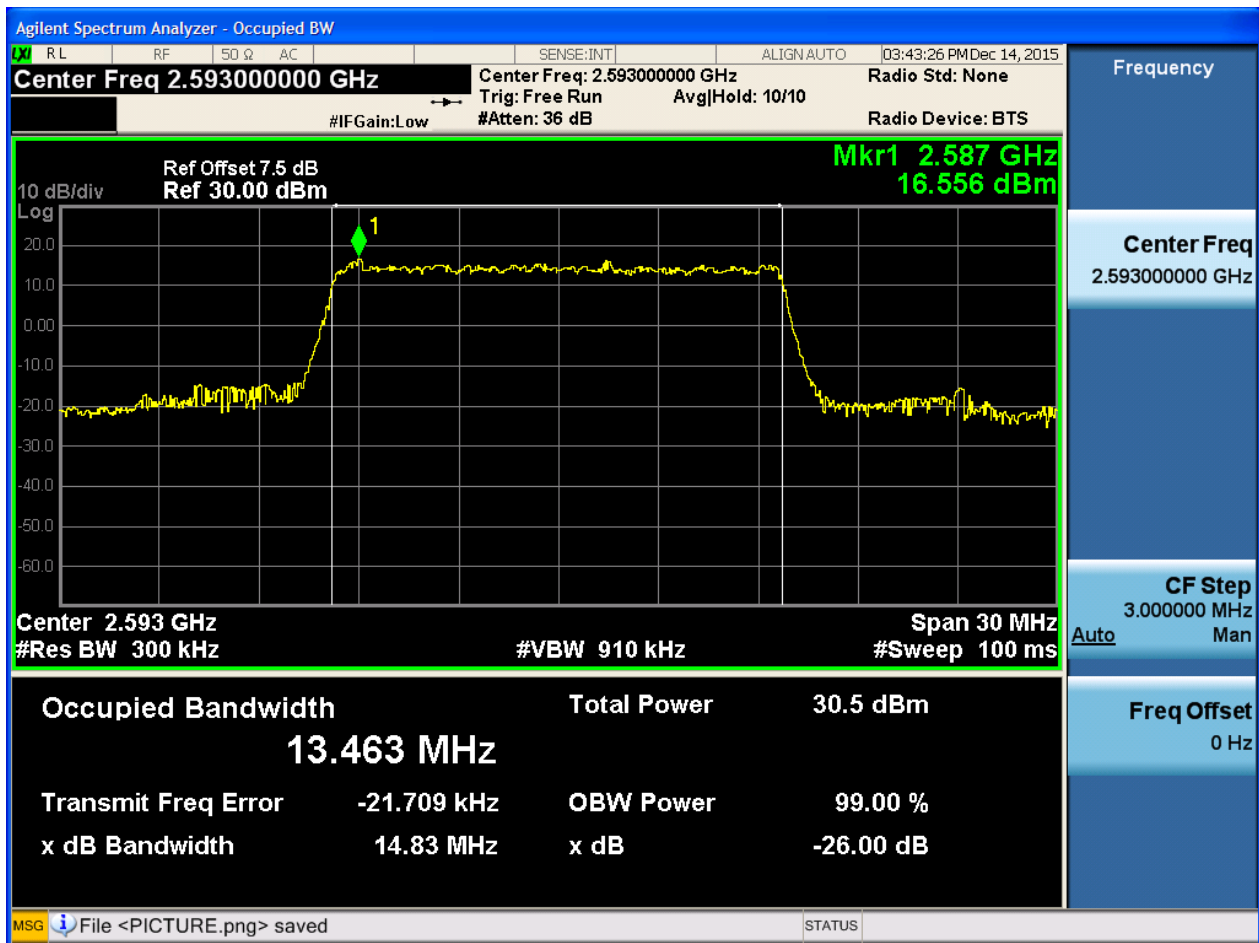
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

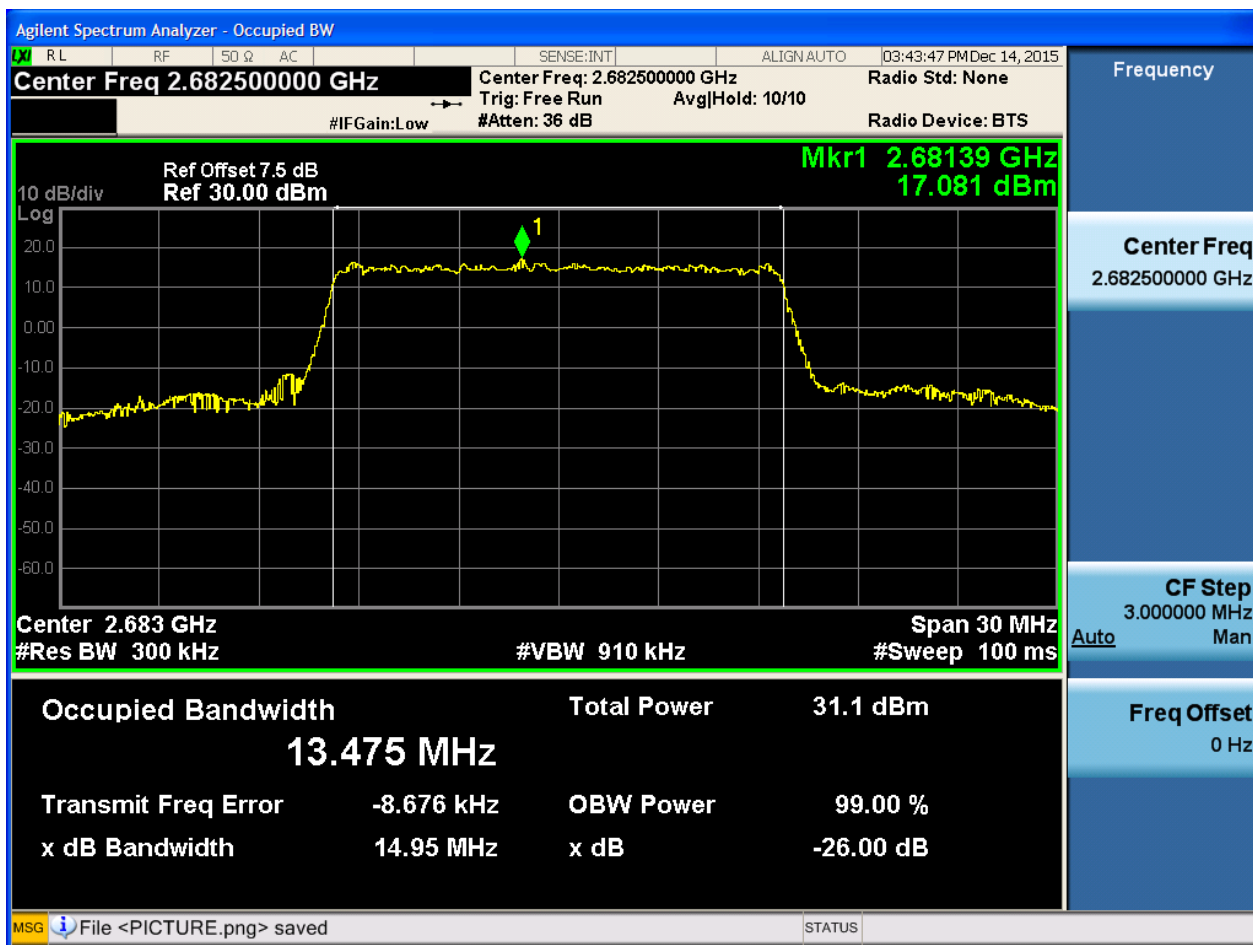
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

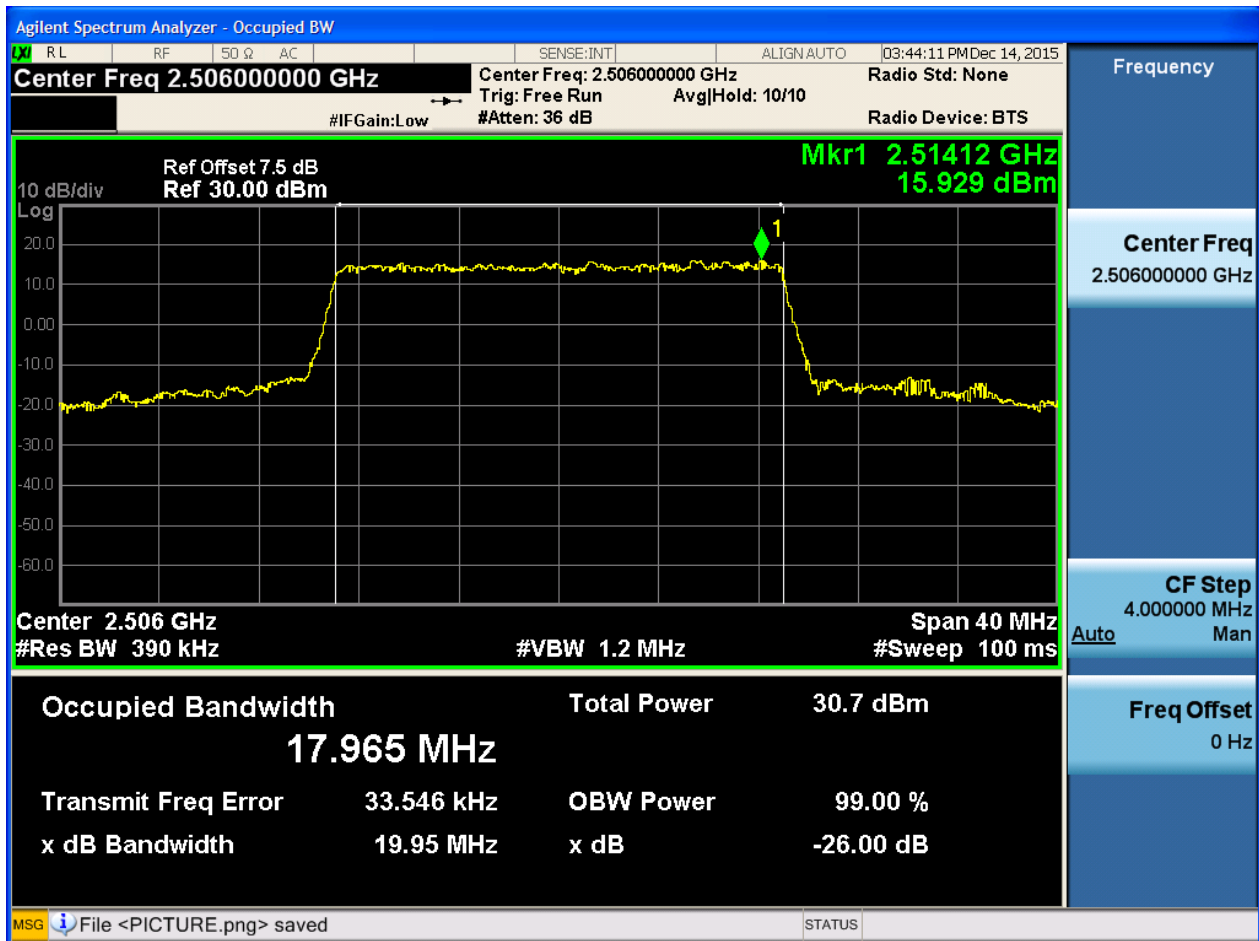




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

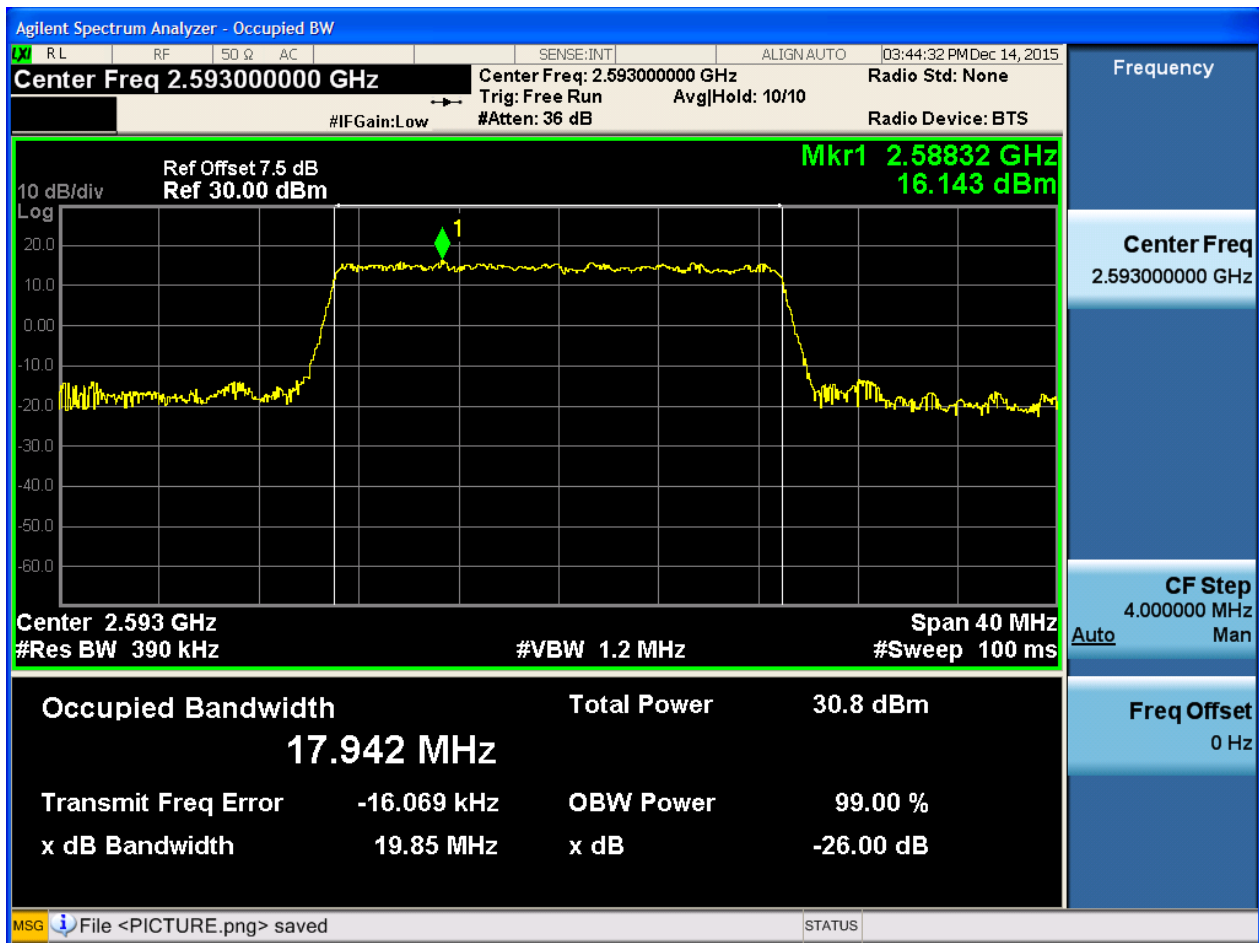
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

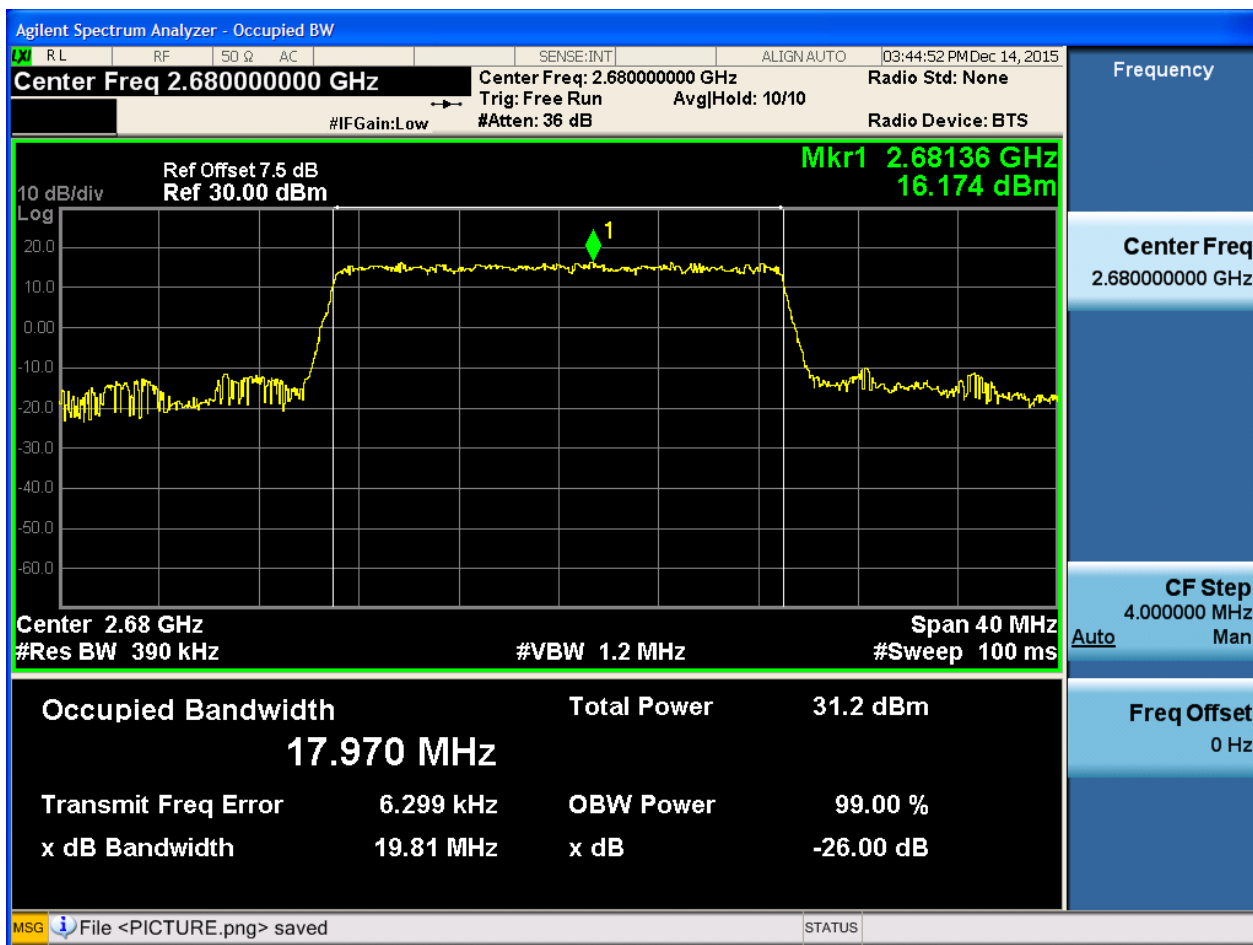
4.1.1.2.4.2.1 Test RB = RB100#0





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

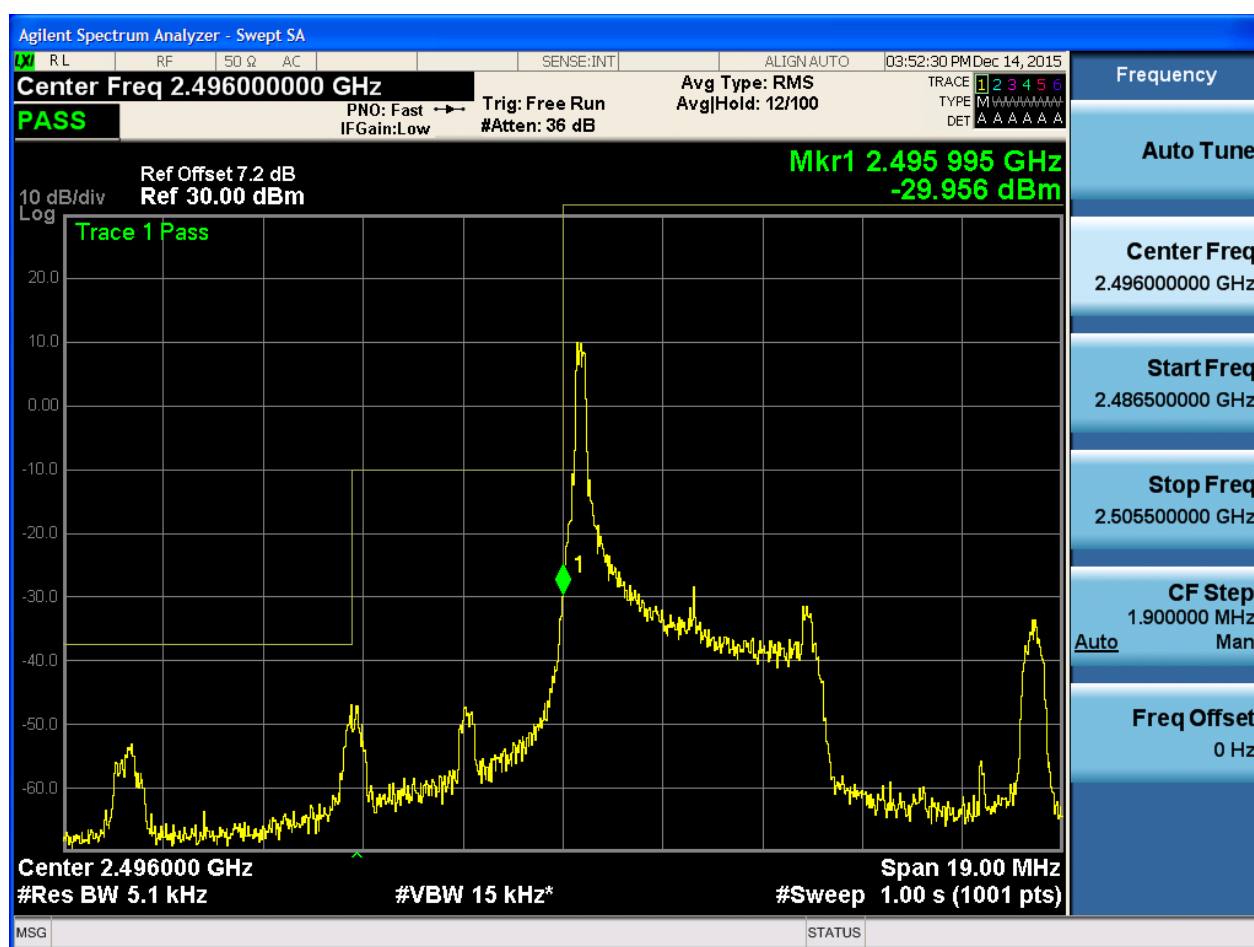
5.1.1 Test Band = BAND41

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



5.1.1.1.1.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.49600000 GHz

PASS

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.495 995 GHz
-32.003 dBm

Trace 1 Pass

Center 2.496000 GHz
#Res BW 47 kHz
#VBW 150 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.496000000 GHz

Start Freq
2.486500000 GHz

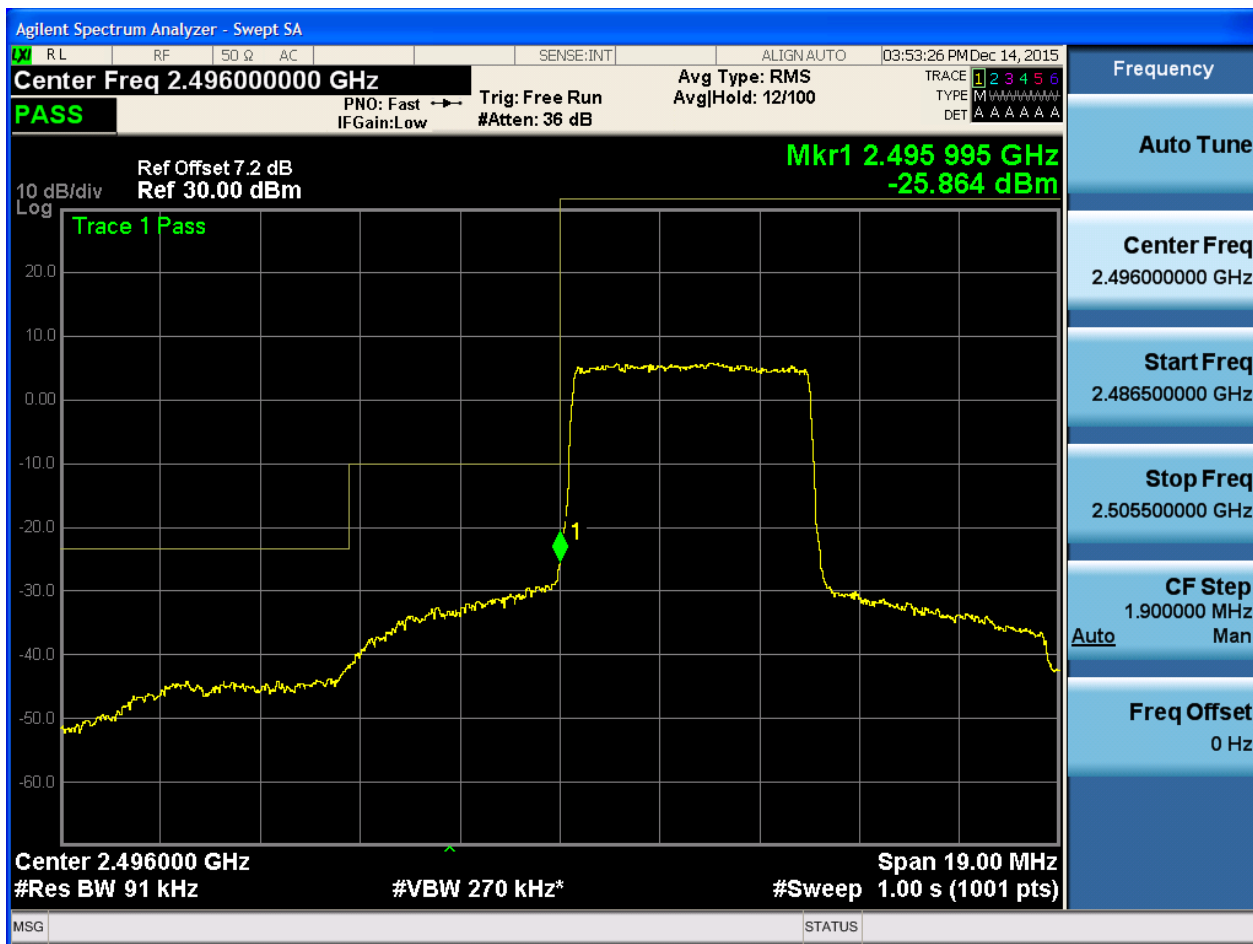
Stop Freq
2.505500000 GHz

CF Step
1.900000 MHz
Man

Freq Offset
0 Hz



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



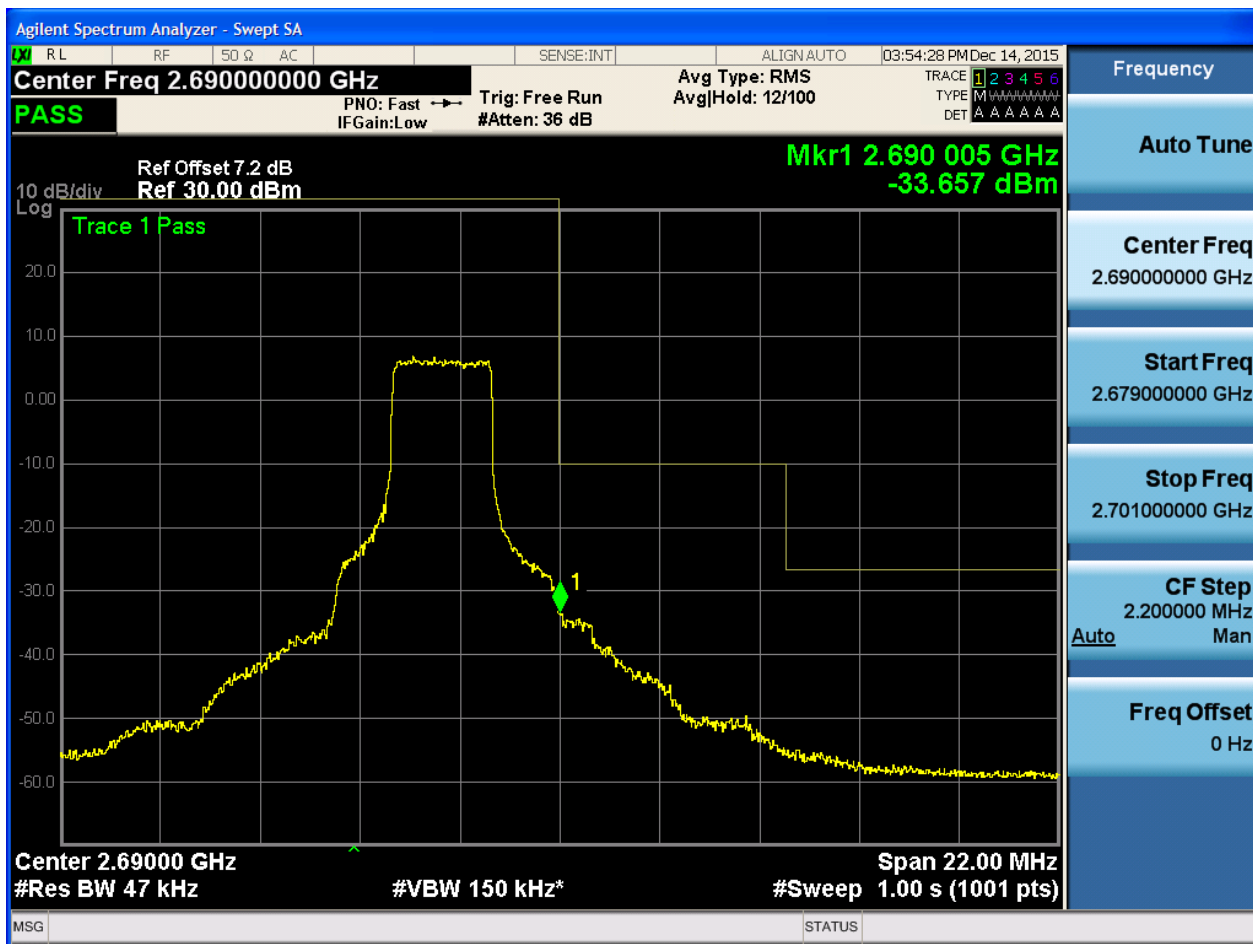


5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.2.4 Test RB = RB25#0

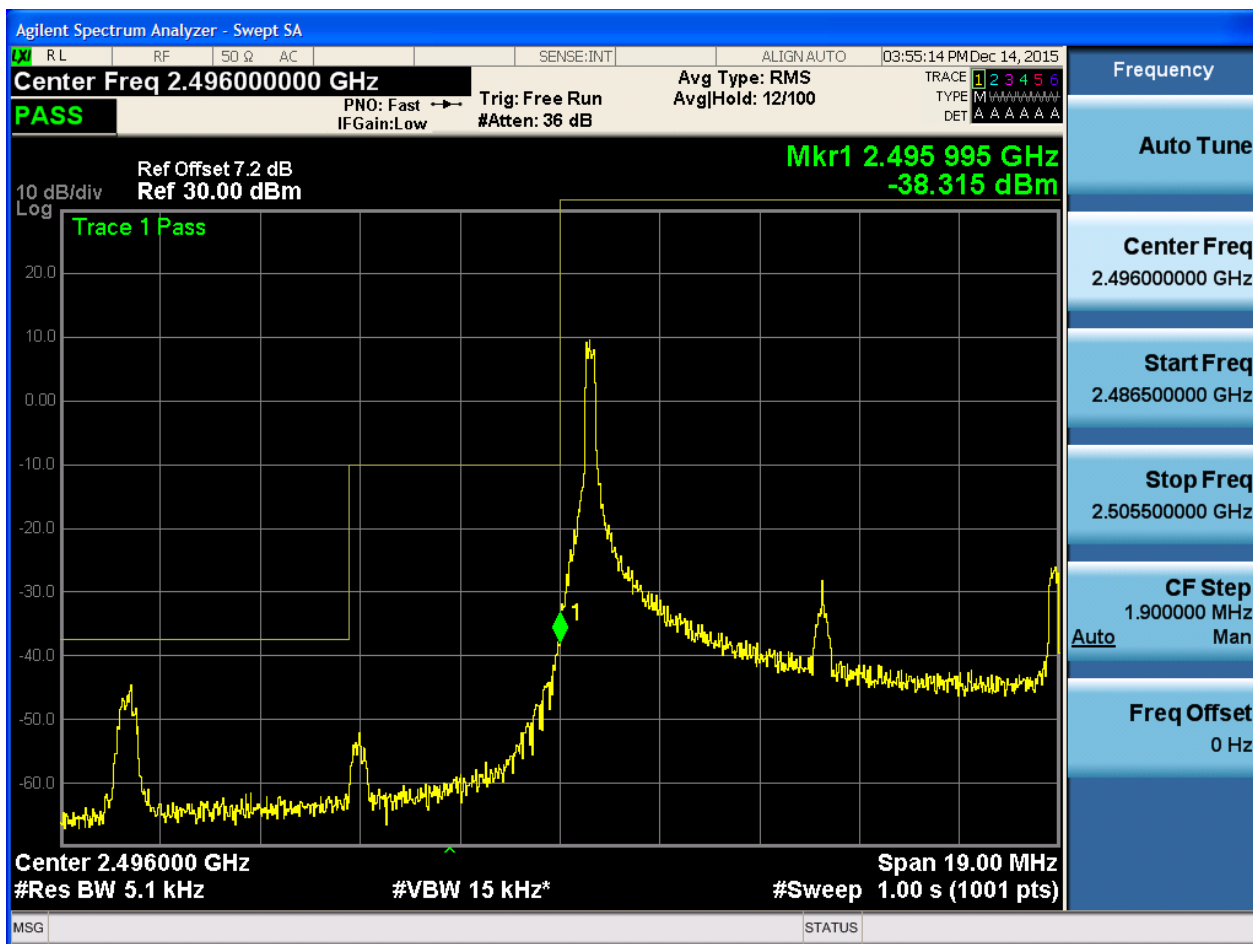




5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.496000000 GHz

PASS

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.495 995 GHz
-55.034 dBm

Trace 1 Pass

Center 2.496000 GHz
#Res BW 5.1 kHz

#VBW 15 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.496000000 GHz

Start Freq
2.486500000 GHz

Stop Freq
2.505500000 GHz

CF Step
1.900000 MHz
Man

Auto

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 2.49600000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.495 995 GHz
-32.465 dBm

Center 2.496000 GHz
#Res BW 91 kHz
#VBW 270 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.496000000 GHz

Start Freq
2.486500000 GHz

Stop Freq
2.505500000 GHz

CF Step
1.900000 MHz
Man

Freq Offset
0 Hz



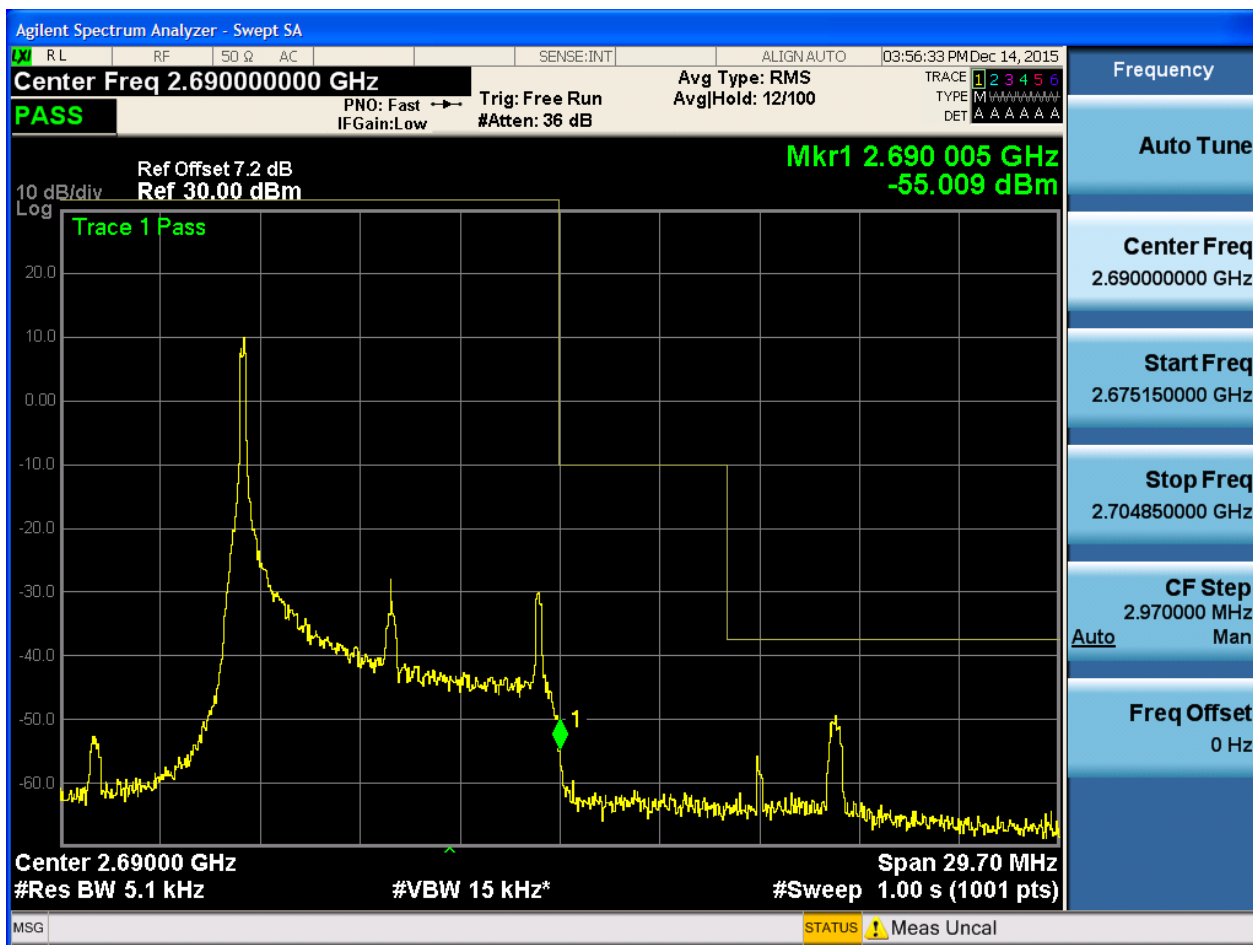
5.1.1.1.2.1.4 Test RB = RB50#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#49



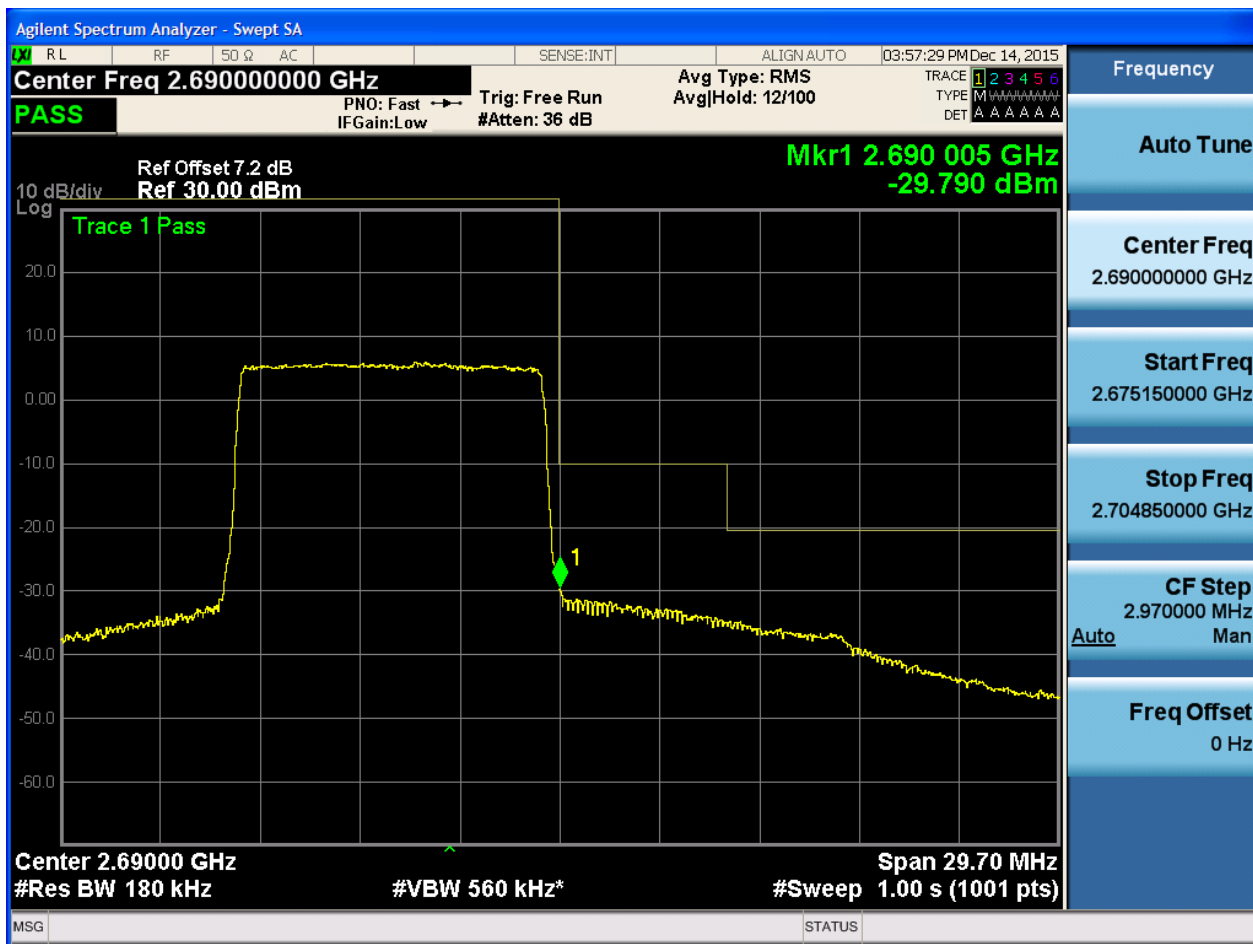


5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0

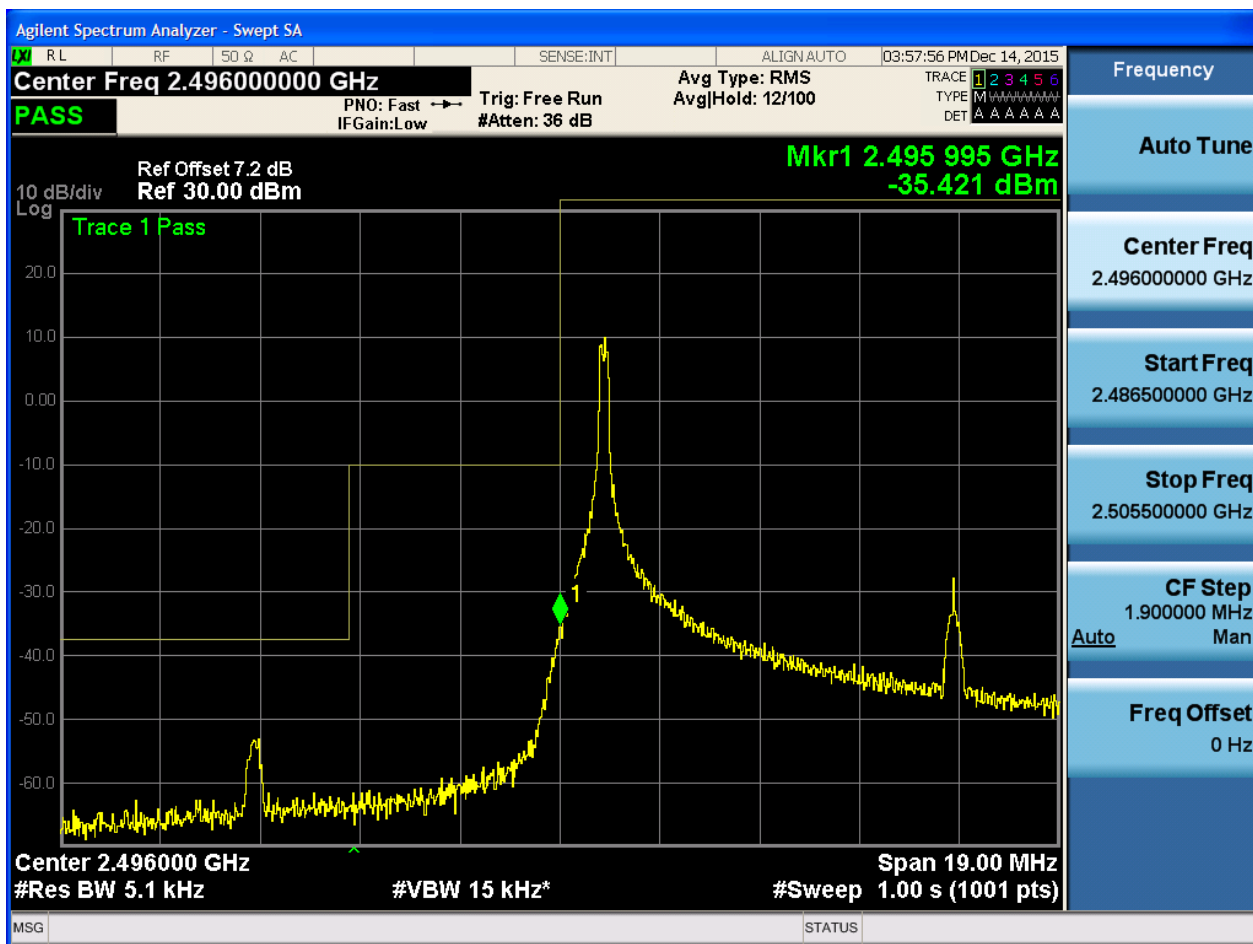




5.1.1.1.3 Test Bandwidth = 15

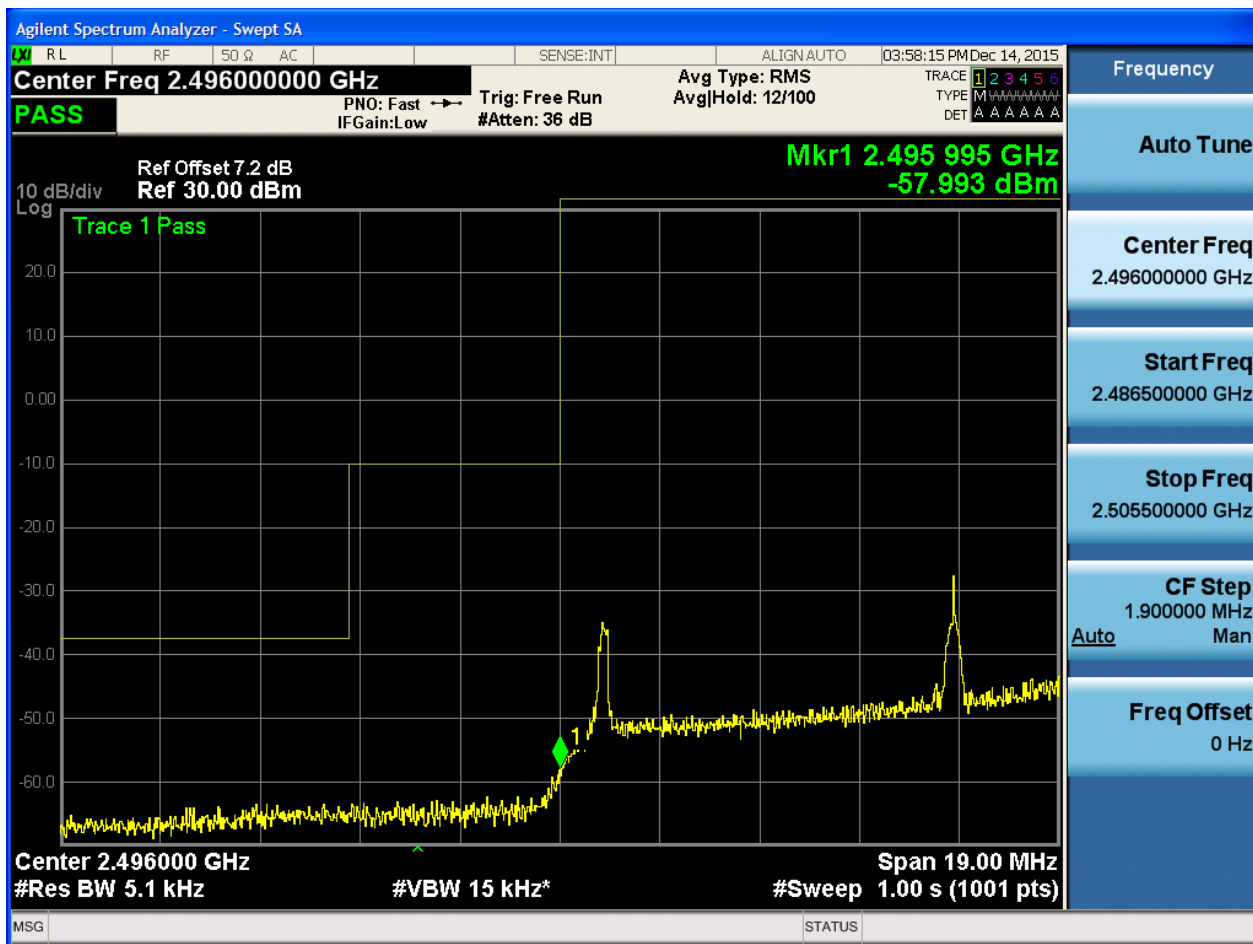
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#74



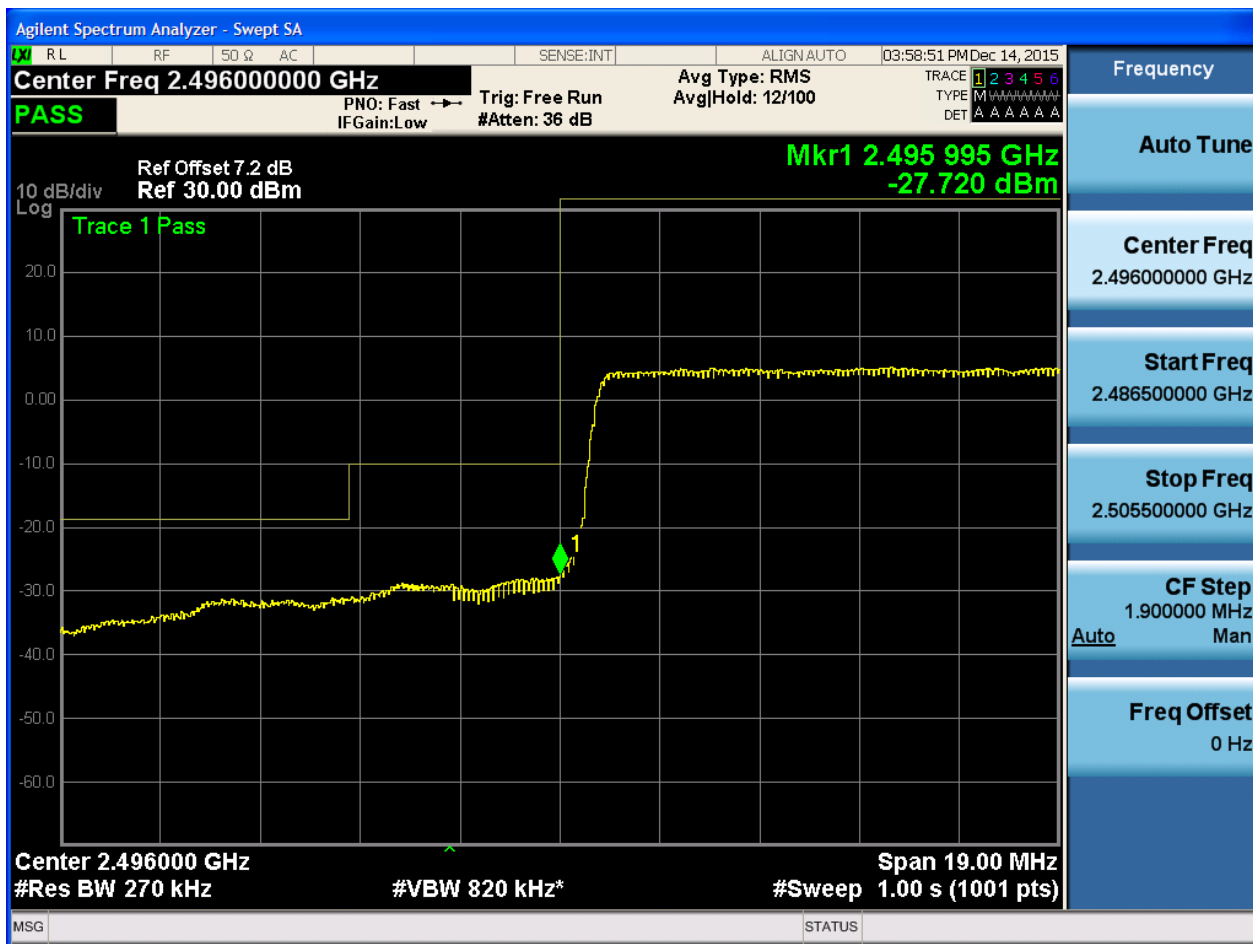


5.1.1.1.3.1.3 Test RB = RB36#18





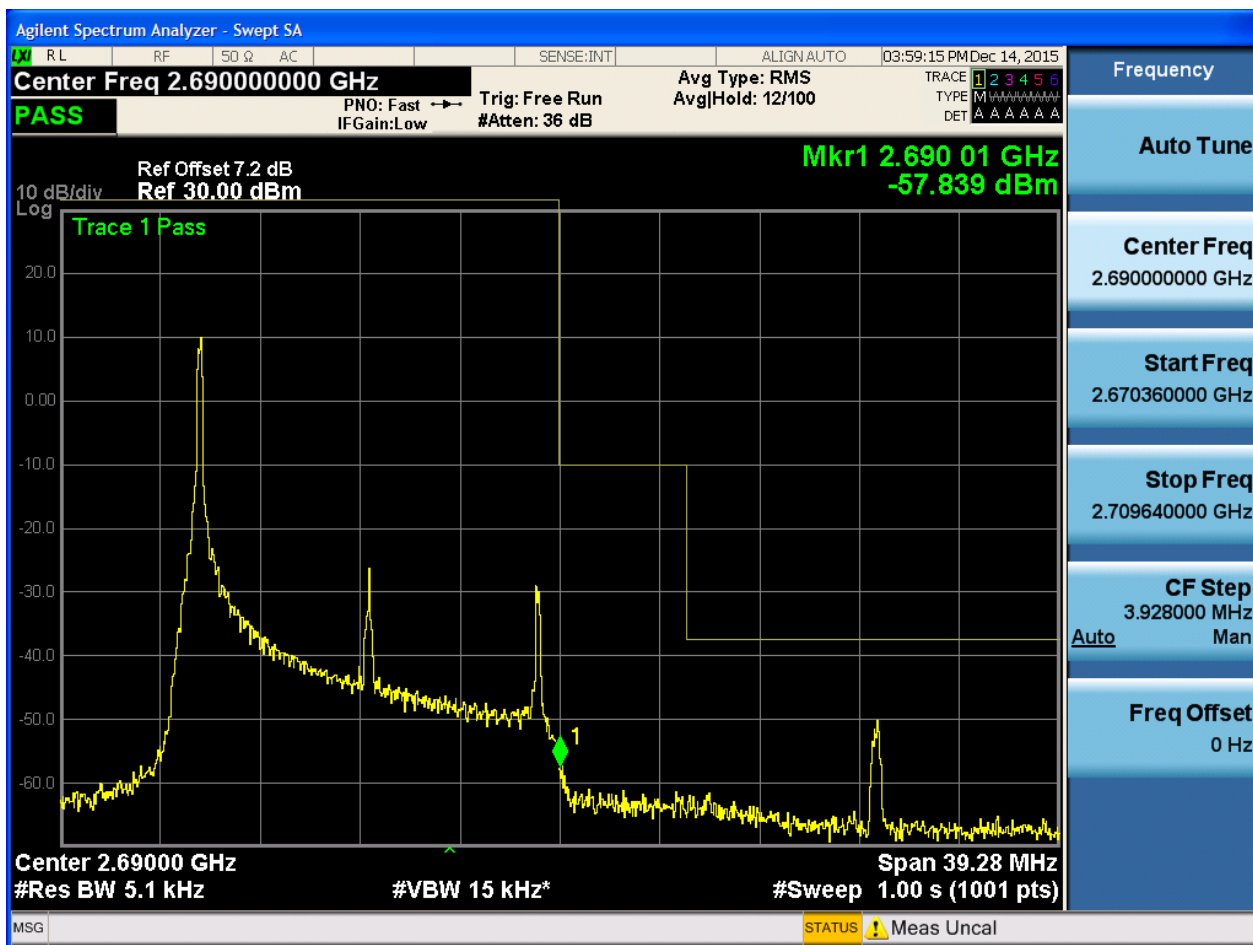
5.1.1.1.3.1.4 Test RB = RB75#0





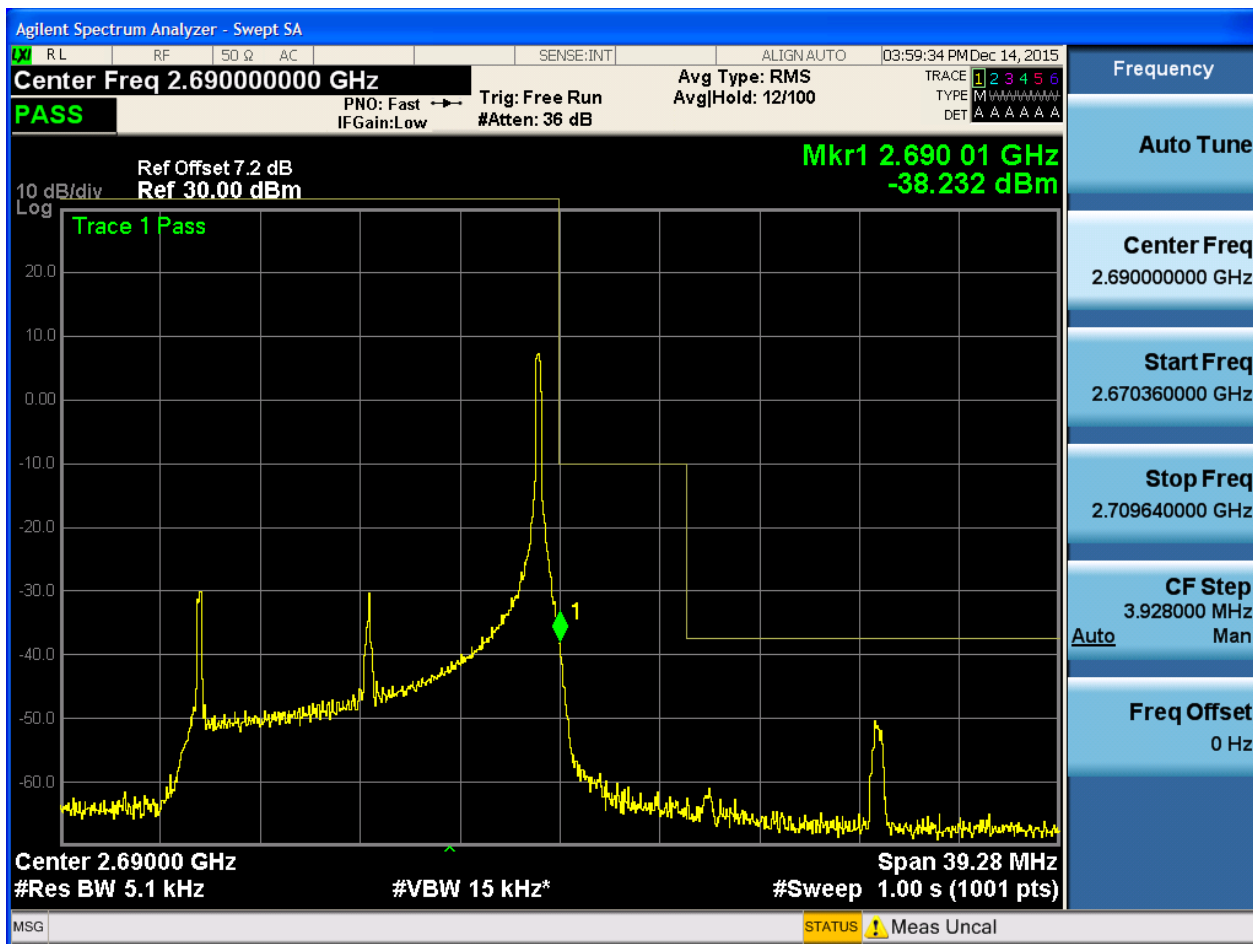
5.1.1.1.3.2 Test Channel = HCH

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





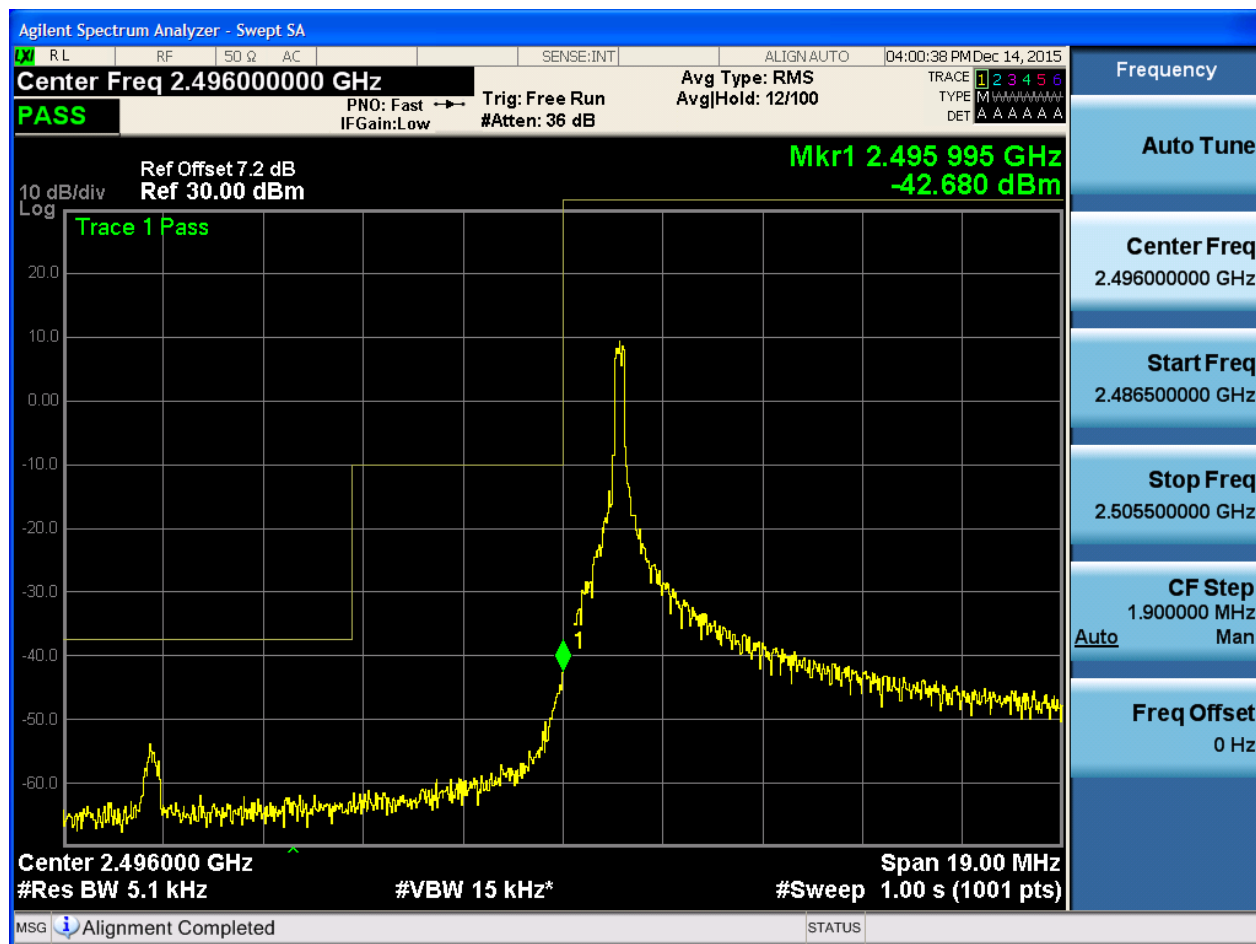
5.1.1.1.3.2.4 Test RB = RB75#0



5.1.1.1.4 Test Bandwidth = 20

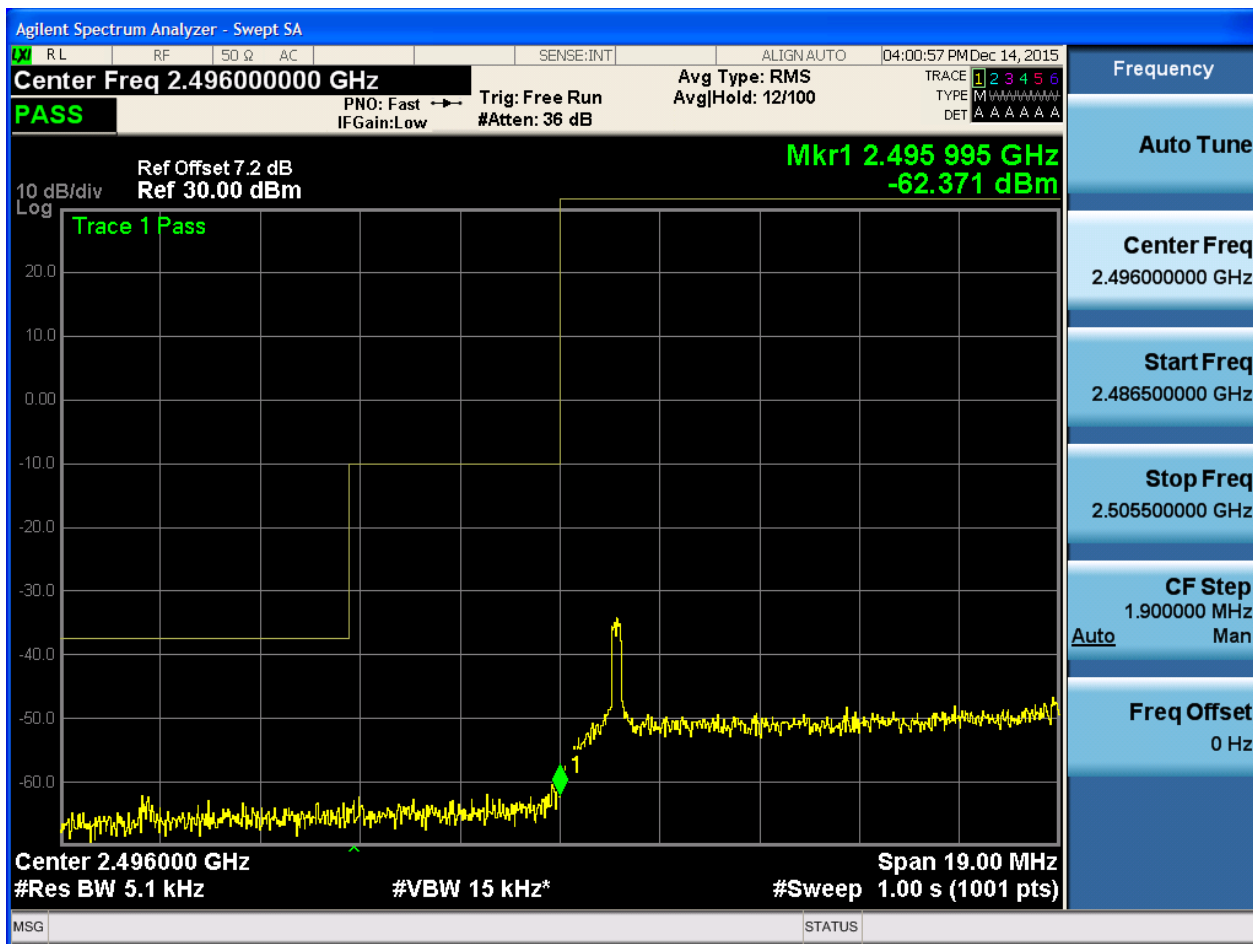
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#99





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.49600000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.495 995 GHz
-33.096 dBm

Center 2.496000 GHz
#Res BW 180 kHz
#VBW 560 kHz*

Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.496000000 GHz

Start Freq
2.486500000 GHz

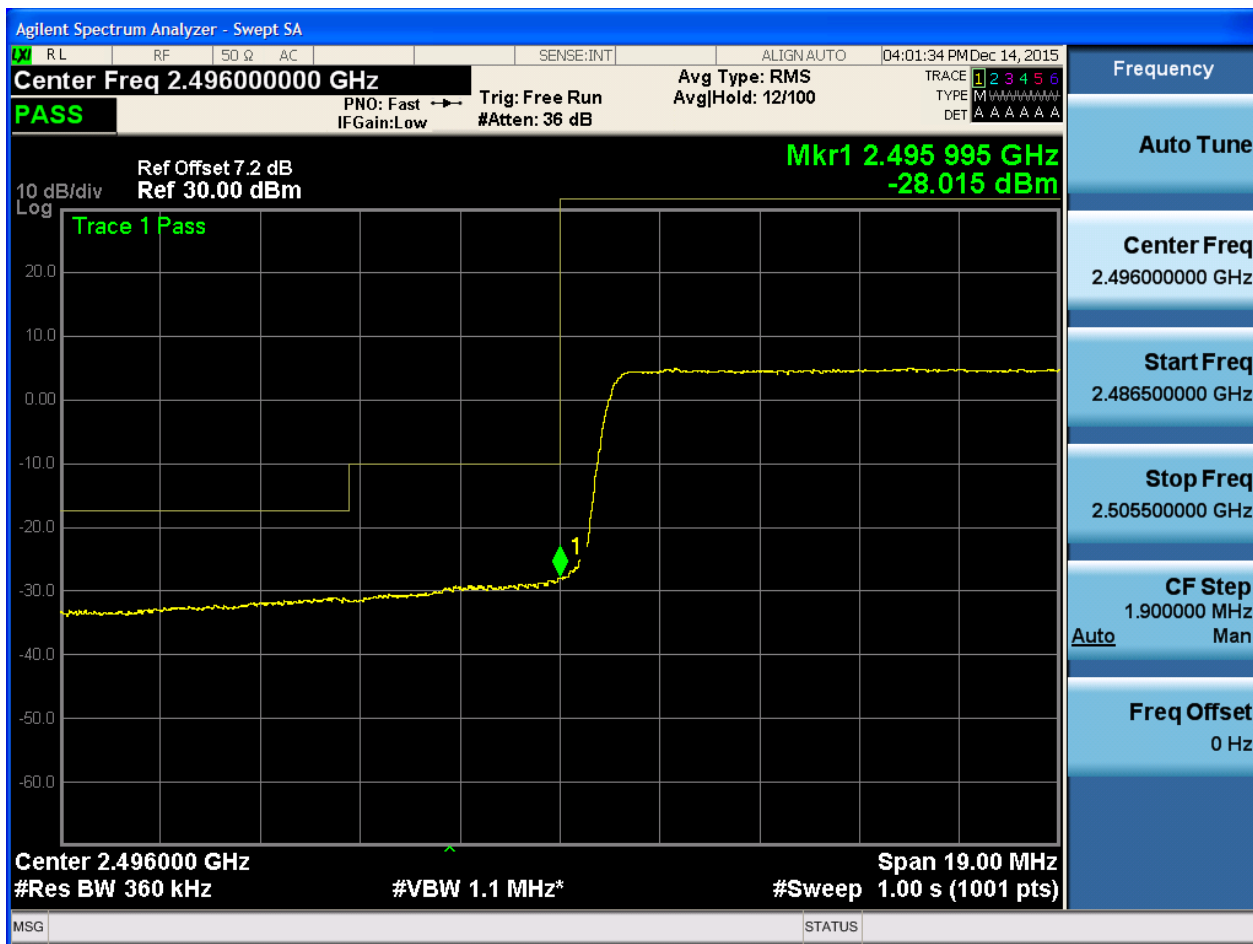
Stop Freq
2.505500000 GHz

CF Step
1.900000 MHz
Man

Freq Offset
0 Hz



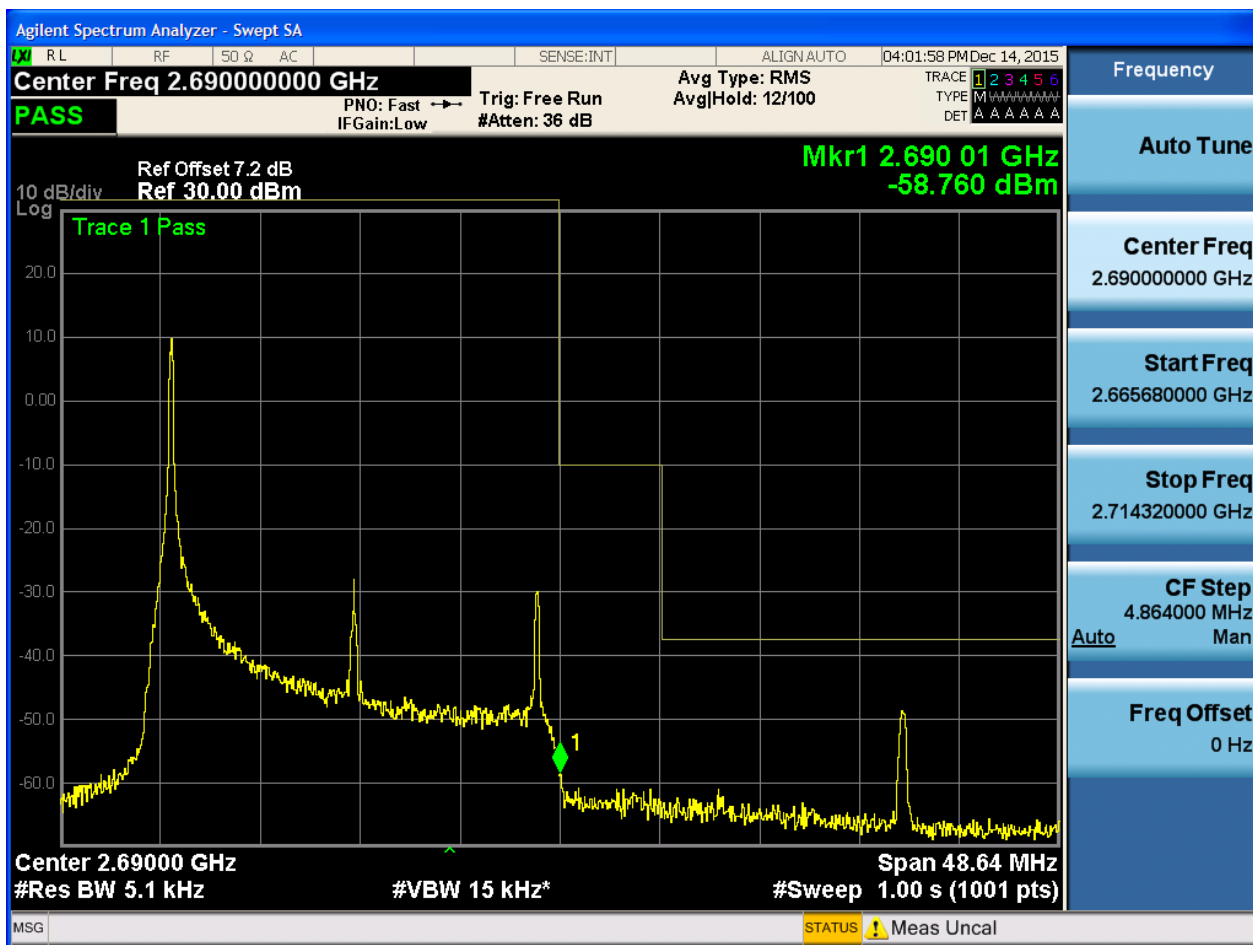
5.1.1.1.4.1.4 Test RB = RB100#0





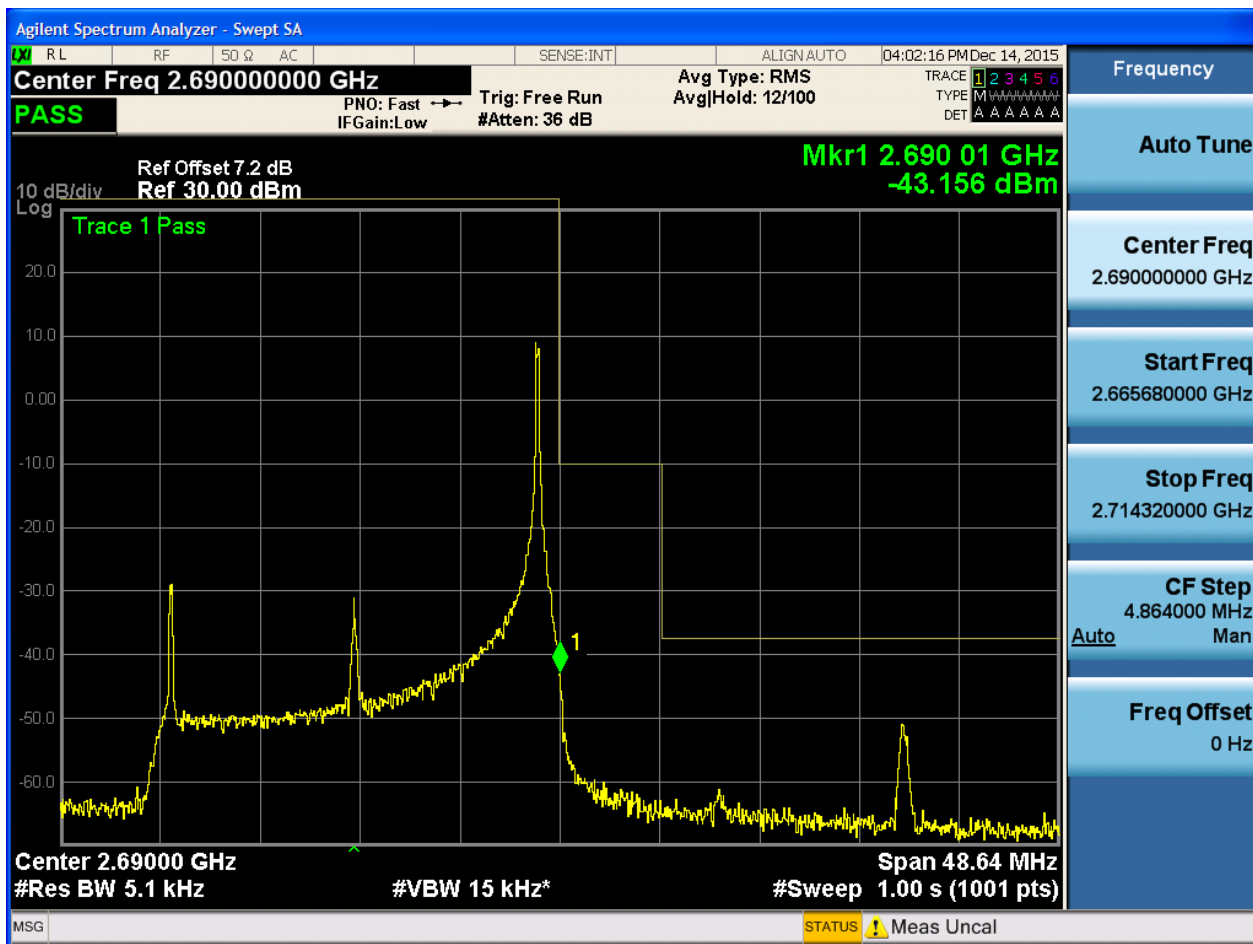
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



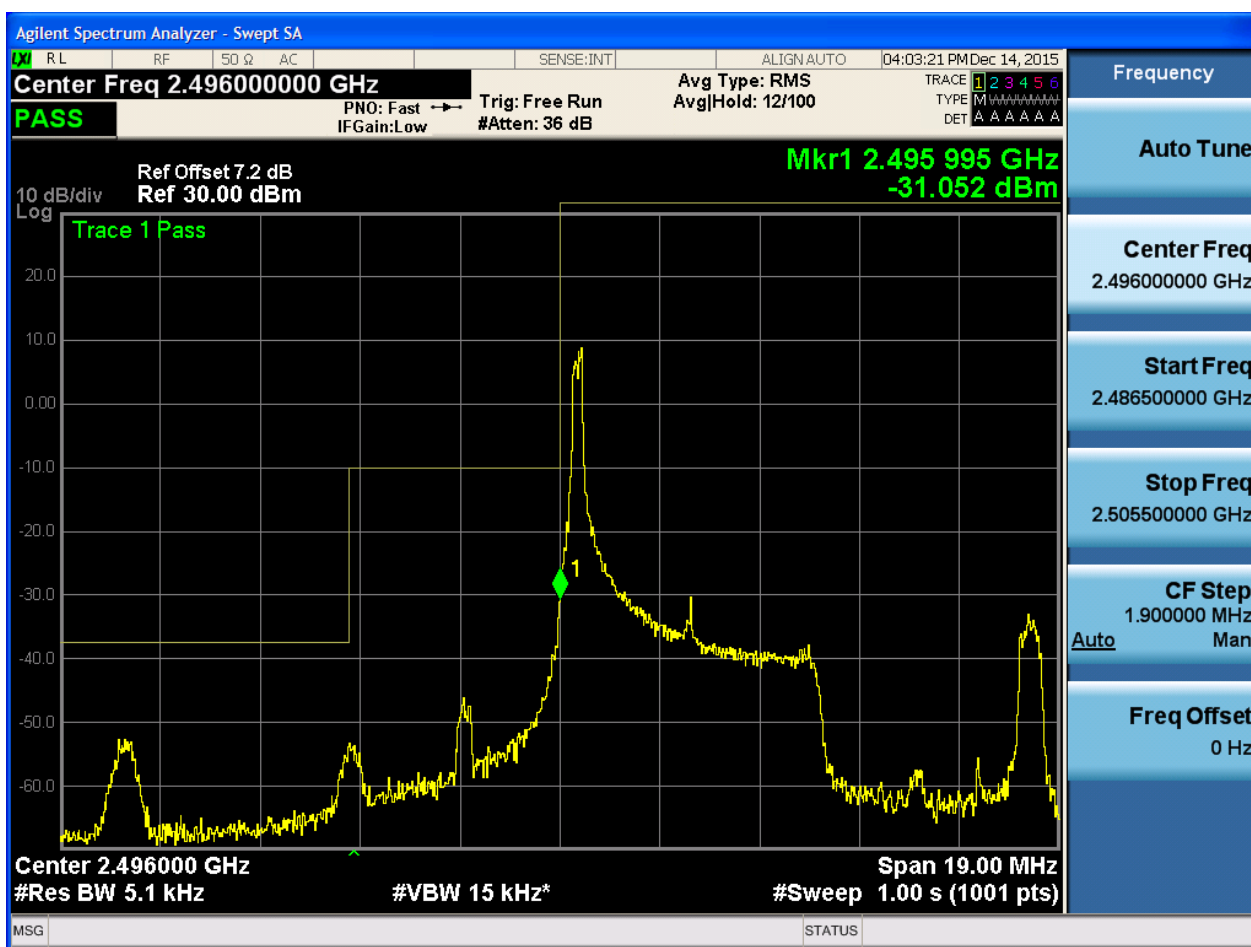


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



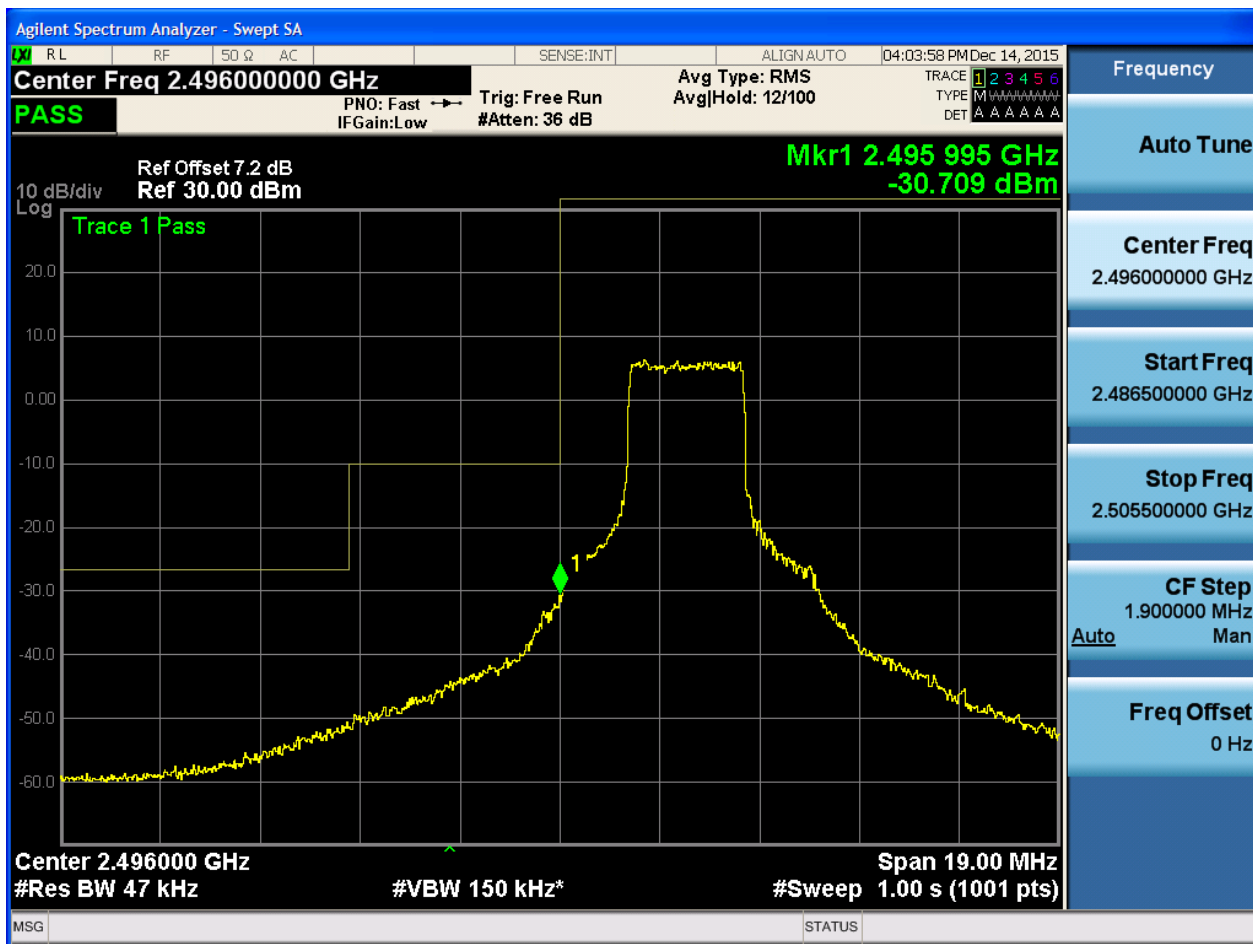


5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





5.1.1.2.1.1.4 Test RB = RB25#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.69000000 GHz

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.690 005 GHz
-26.820 dBm

Trace 1 Pass

10 dB/div
Log

Center 2.69000 GHz
#Res BW 91 kHz
#VBW 270 kHz*

Span 22.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.69000000 GHz

Start Freq
2.679000000 GHz

Stop Freq
2.701000000 GHz

CF Step
2.200000 MHz
Man

Auto

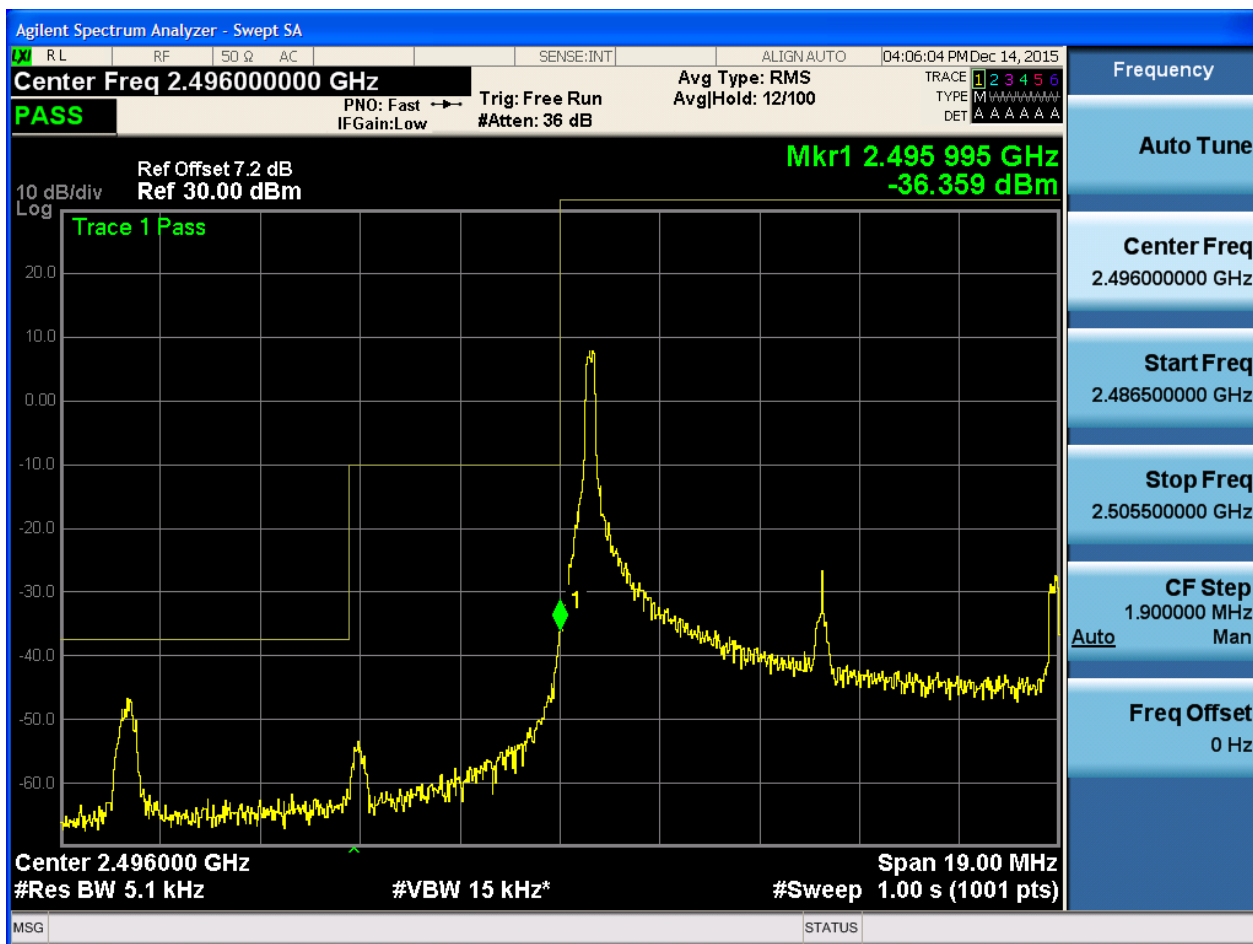
Freq Offset
0 Hz



5.1.1.2.2 Test Bandwidth = 10

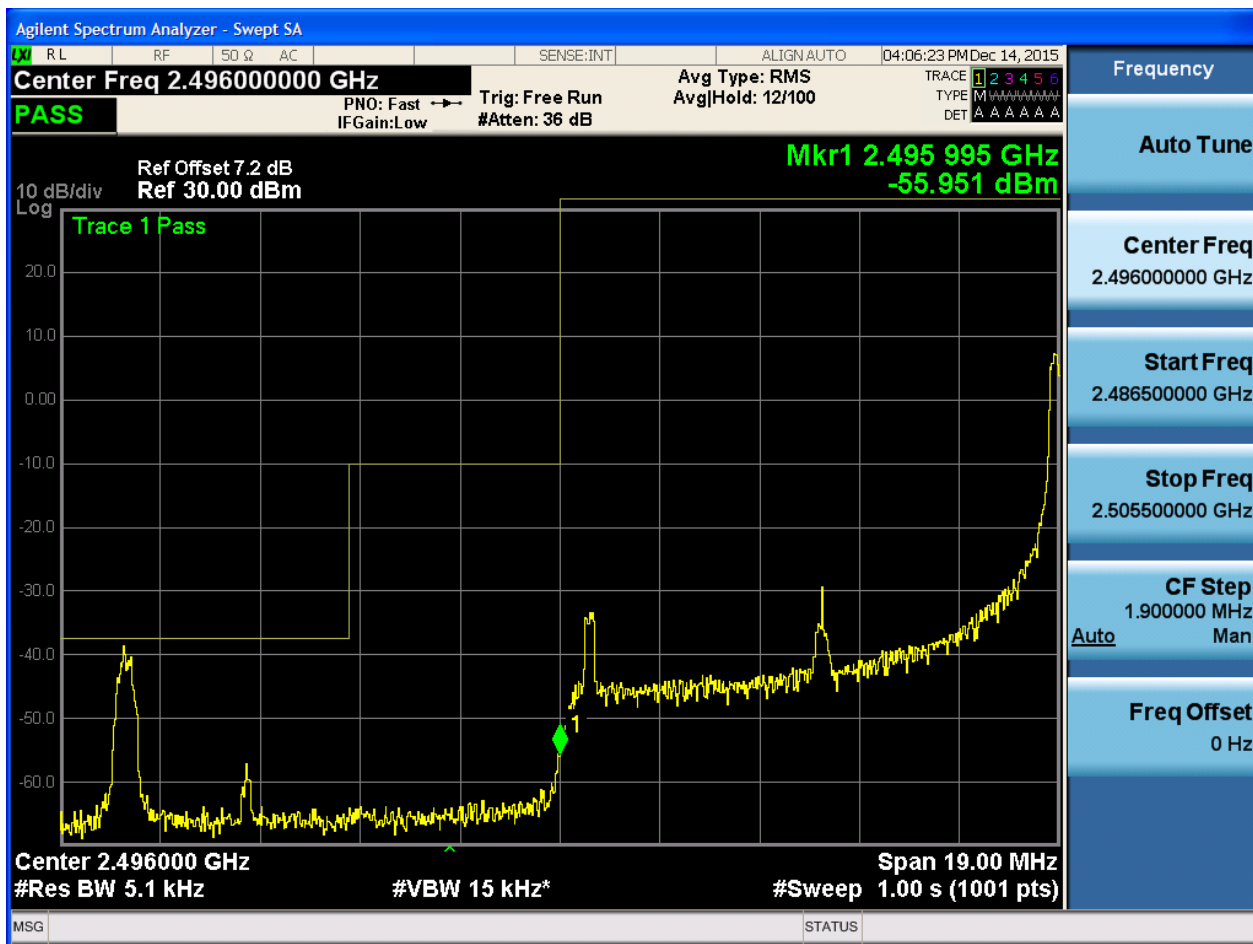
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



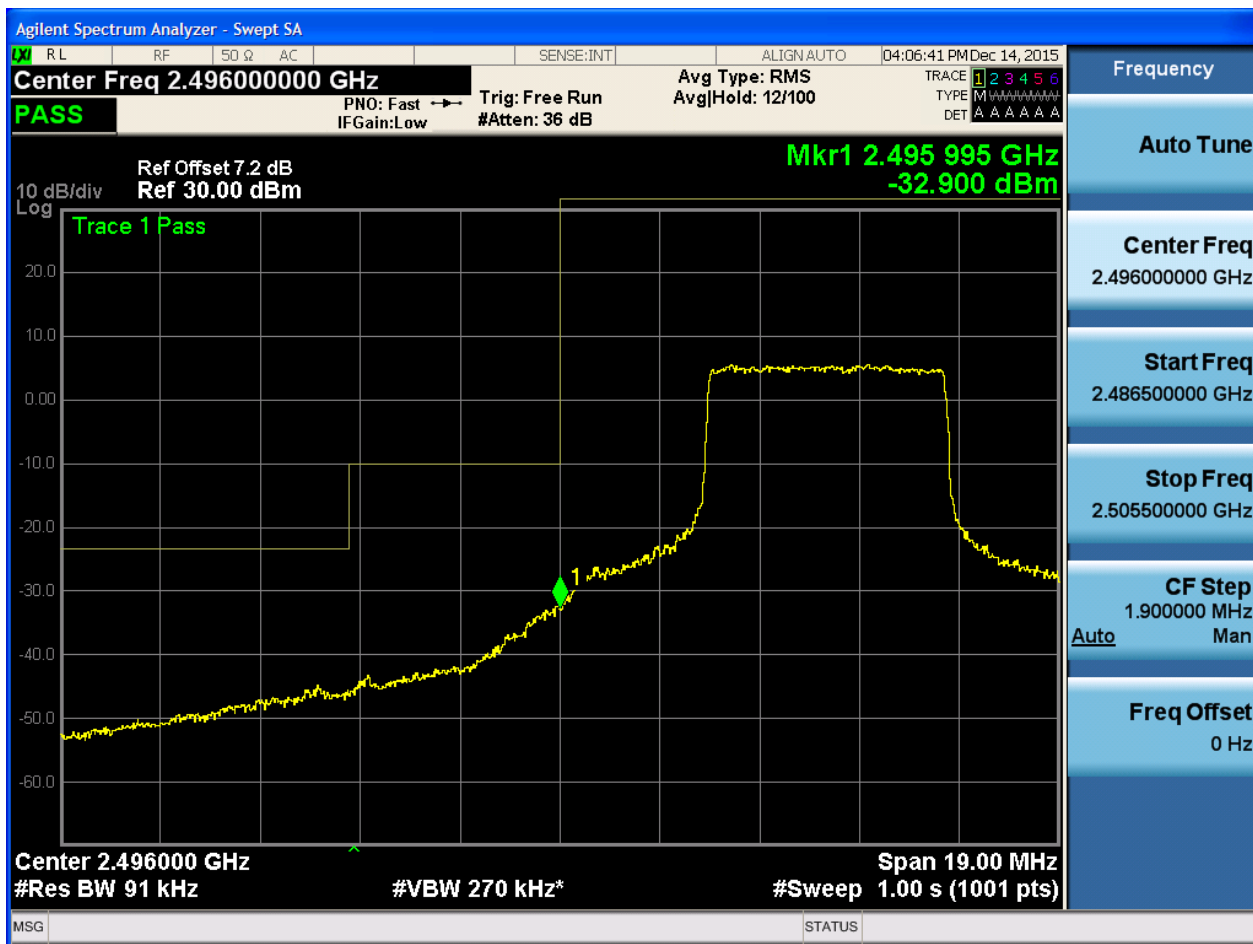


5.1.1.2.2.1.2 Test RB = RB1#49



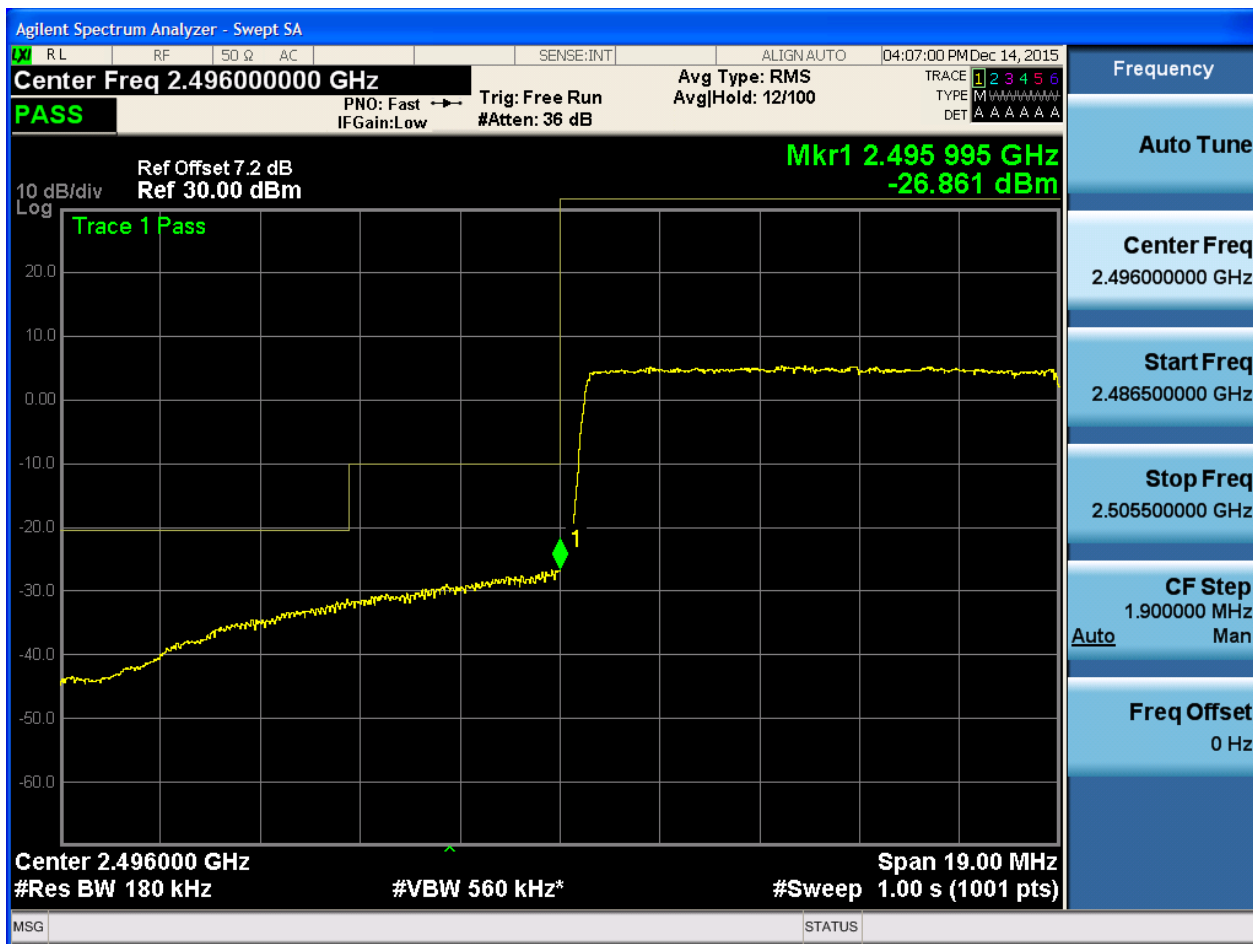


5.1.1.2.2.1.3 Test RB = RB25#13





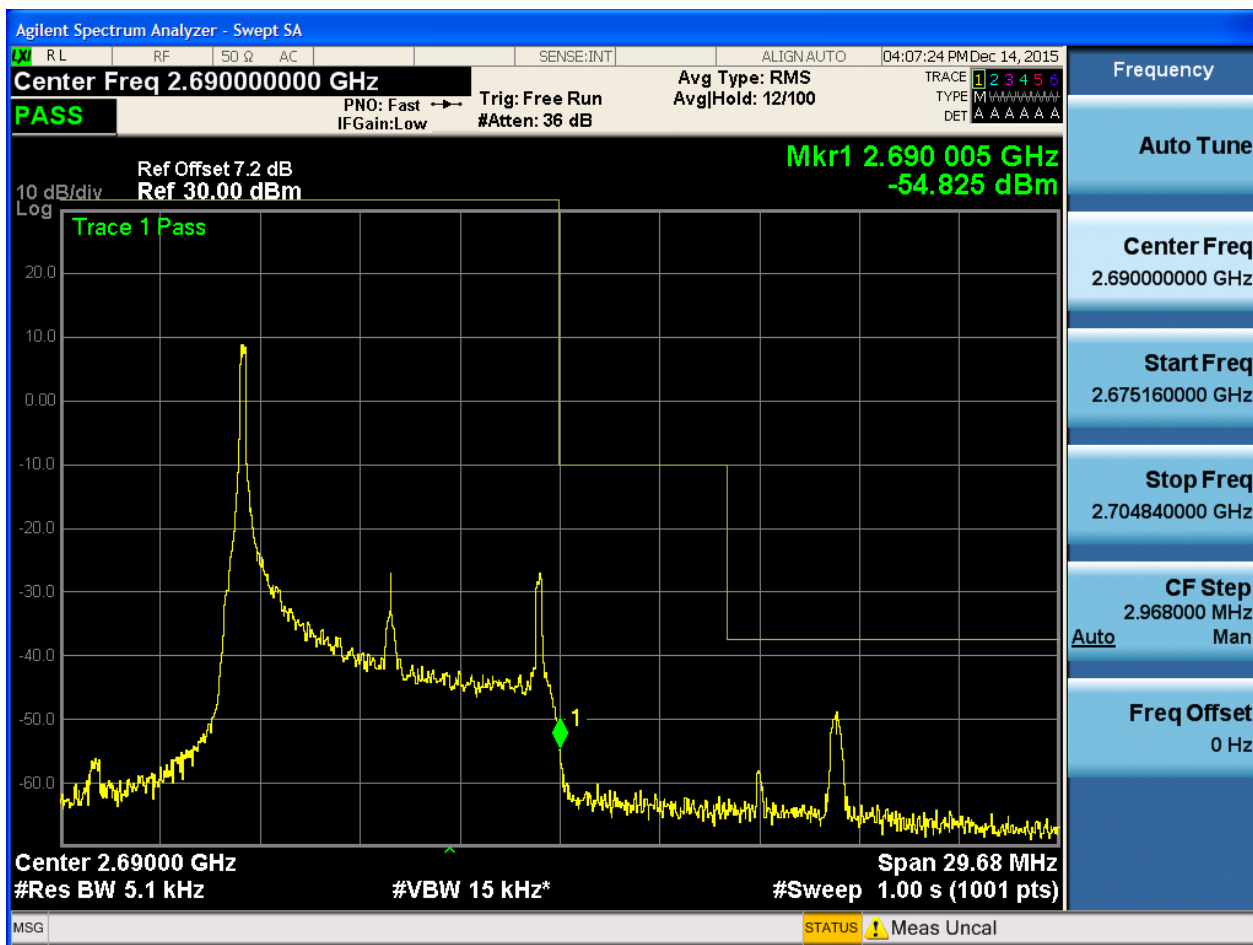
5.1.1.2.2.1.4 Test RB = RB50#0





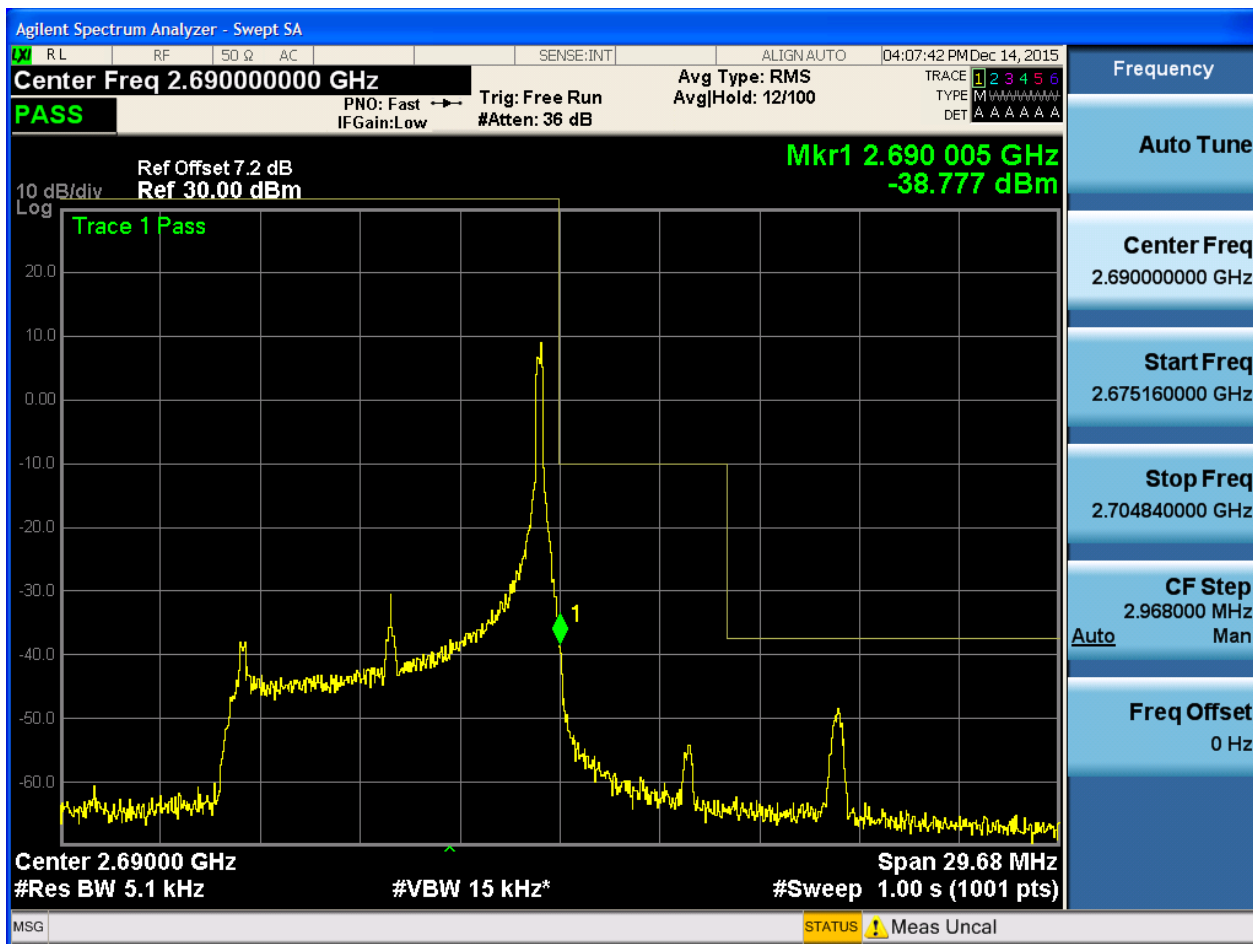
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#49





5.1.1.2.2.3 Test RB = RB25#13





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 04:08:19 PM Dec 14, 2015

Center Freq 2.690000000 GHz Avg Type: RMS
PNO: Fast Trig: Free Run Avg|Hold: 12/100
IFGain: Low #Atten: 36 dB

PASS

Ref Offset 7.2 dB
Ref 30.00 dBm

Mkr1 2.690 005 GHz
-27.688 dBm

10 dB/div
Log

Trace 1 Pass

Center 2.69000 GHz
#Res BW 180 kHz
#VBW 560 kHz*
Span 29.68 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

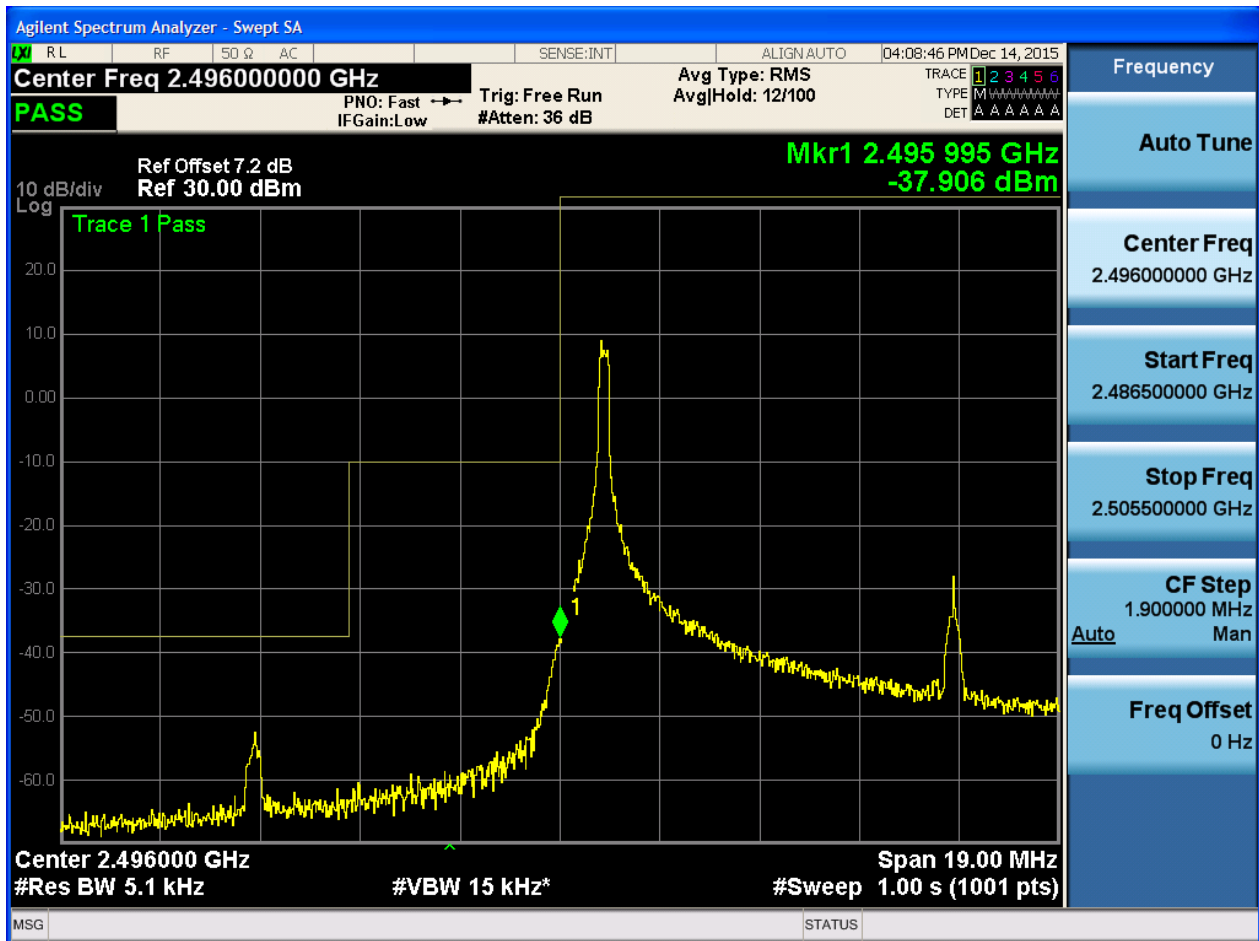
Frequency
Auto Tune
Center Freq
2.690000000 GHz
Start Freq
2.675160000 GHz
Stop Freq
2.704840000 GHz
CF Step
2.968000 MHz
Man
Freq Offset
0 Hz



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

