



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]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	20.82	22.41	33	PASS
				RB1#13	21.53	22.97	33	PASS
				RB1#24	20.9	22.31	33	PASS
				RB12#0	20.77	22.36	33	PASS
				RB12#6	21	22.58	33	PASS
				RB12#13	20.83	22.22	33	PASS
				RB25#0	20.77	22.16	33	PASS
			MCH	RB1#0	21.54	23.18	33	PASS
				RB1#13	22.25	23.61	33	PASS
				RB1#24	21.47	23.08	33	PASS
				RB12#0	21.63	23.03	33	PASS
				RB12#6	21.81	23.29	33	PASS
				RB12#13	21.66	23.26	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.64	23.21	33	PASS
			HCH	RB1#0	21.33	22.83	33	PASS
				RB1#13	21.91	23.54	33	PASS
				RB1#24	21.21	22.62	33	PASS
				RB12#0	21.22	22.84	33	PASS
				RB12#6	21.46	23.10	33	PASS
				RB12#13	21.21	22.71	33	PASS
				RB25#0	21.23	22.72	33	PASS
		10	LCH	RB1#0	20.73	22.29	33	PASS
				RB1#25	21.71	23.15	33	PASS
				RB1#49	20.57	22.10	33	PASS
				RB25#0	20.6	22.06	33	PASS
				RB25#13	20.97	22.55	33	PASS
				RB25#25	20.75	22.25	33	PASS
				RB50#0	20.6	22.02	33	PASS
			MCH	RB1#0	21.53	23.13	33	PASS
				RB1#25	22.24	23.78	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	20.94	22.58	33	PASS
				RB25#0	21.37	22.89	33	PASS
				RB25#13	21.67	23.21	33	PASS
				RB25#25	21.3	22.94	33	PASS
				RB50#0	21.39	22.92	33	PASS
			HCH	RB1#0	21.29	22.87	33	PASS
				RB1#25	22.02	23.62	33	PASS
				RB1#49	20.61	22.07	33	PASS
				RB25#0	21.2	22.57	33	PASS
				RB25#13	21.31	22.71	33	PASS
				RB25#25	21.01	22.39	33	PASS
				RB50#0	21.11	22.63	33	PASS
		15	LCH	RB1#0	20.99	22.61	33	PASS
				RB1#38	21.58	22.97	33	PASS
				RB1#74	20.97	22.54	33	PASS
				RB36#0	20.63	22.13	33	PASS
				RB36#18	21.11	22.70	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB36#39	21.09	22.52	33	PASS
				RB75#0	21	22.66	33	PASS
			MCH	RB1#0	21.9	23.26	33	PASS
				RB1#38	22.36	23.93	33	PASS
				RB1#74	21.41	22.85	33	PASS
				RB36#0	21.58	23.02	33	PASS
				RB36#18	21.66	23.05	33	PASS
				RB36#39	21.5	23.01	33	PASS
				RB75#0	21.55	22.98	33	PASS
			HCH	RB1#0	21.85	23.45	33	PASS
				RB1#38	22.1	23.73	33	PASS
				RB1#74	21.18	22.68	33	PASS
				RB36#0	21.59	23.24	33	PASS
				RB36#18	21.59	23.00	33	PASS
				RB36#39	21.39	22.92	33	PASS
				RB75#0	21.46	22.93	33	PASS
		20	LCH	RB1#0	21.21	22.62	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.64	23.09	33	PASS
				RB1#99	21.26	22.75	33	PASS
				RB50#0	20.84	22.35	33	PASS
				RB50#25	20.99	22.42	33	PASS
				RB50#50	21.05	22.56	33	PASS
				RB100#0	21.14	22.65	33	PASS
			MCH	RB1#0	22.06	23.44	33	PASS
				RB1#50	22.39	24.02	33	PASS
				RB1#99	21.66	23.26	33	PASS
				RB50#0	21.79	23.39	33	PASS
				RB50#25	21.75	23.19	33	PASS
				RB50#50	21.6	23.06	33	PASS
				RB100#0	21.63	23.07	33	PASS
			HCH	RB1#0	21.84	23.24	33	PASS
				RB1#50	22.02	23.55	33	PASS
				RB1#99	21.39	23.04	33	PASS
				RB50#0	21.57	23.07	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.49	23.10	33	PASS
				RB50#50	21.54	23.11	33	PASS
				RB100#0	21.5	22.92	33	PASS
	LTE/TM2	5	LCH	RB1#0	20.54	21.93	33	PASS
				RB1#13	21.26	22.72	33	PASS
				RB1#24	20.63	22.26	33	PASS
				RB12#0	19.91	21.41	33	PASS
				RB12#6	20.16	21.71	33	PASS
				RB12#13	19.98	21.59	33	PASS
				RB25#0	20.01	21.42	33	PASS
			MCH	RB1#0	21.3	22.85	33	PASS
				RB1#13	21.78	23.13	33	PASS
				RB1#24	21.26	22.81	33	PASS
				RB12#0	20.64	22.23	33	PASS
				RB12#6	20.85	22.33	33	PASS
				RB12#13	20.7	22.12	33	PASS
				RB25#0	20.8	22.45	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.14	22.50	33	PASS
				RB1#13	21.68	23.12	33	PASS
				RB1#24	21.01	22.41	33	PASS
				RB12#0	20.52	21.95	33	PASS
				RB12#6	20.76	22.18	33	PASS
				RB12#13	20.53	22.05	33	PASS
				RB25#0	20.57	22.01	33	PASS
		10	LCH	RB1#0	20.43	22.00	33	PASS
				RB1#25	21.3	22.90	33	PASS
				RB1#49	20.32	21.89	33	PASS
				RB25#0	19.64	21.13	33	PASS
				RB25#13	20.36	21.78	33	PASS
				RB25#25	20.14	21.54	33	PASS
				RB50#0	19.97	21.50	33	PASS
			MCH	RB1#0	21.31	22.85	33	PASS
				RB1#25	21.98	23.55	33	PASS
				RB1#49	20.71	22.25	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.56	22.15	33	PASS
				RB25#13	20.88	22.35	33	PASS
				RB25#25	20.52	22.07	33	PASS
				RB50#0	20.57	22.04	33	PASS
			HCH	RB1#0	21.05	22.59	33	PASS
				RB1#25	21.74	23.25	33	PASS
				RB1#49	20.38	21.86	33	PASS
				RB25#0	20.6	22.07	33	PASS
				RB25#13	20.7	22.32	33	PASS
				RB25#25	20.42	21.88	33	PASS
				RB50#0	20.49	22.14	33	PASS
		15	LCH	RB1#0	20.69	22.13	33	PASS
				RB1#38	21.33	22.81	33	PASS
				RB1#74	20.74	22.33	33	PASS
				RB36#0	20.01	21.55	33	PASS
				RB36#18	20.25	21.63	33	PASS
				RB36#39	20.19	21.60	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	20.09	21.49	33	PASS
			MCH	RB1#0	21.55	22.95	33	PASS
				RB1#38	21.87	23.31	33	PASS
				RB1#74	20.99	22.61	33	PASS
				RB36#0	20.67	22.18	33	PASS
				RB36#18	19.53	21.13	33	PASS
				RB36#39	20.61	22.13	33	PASS
				RB75#0	20.65	22.16	33	PASS
			HCH	RB1#0	21.64	23.02	33	PASS
				RB1#38	21.85	23.23	33	PASS
				RB1#74	20.91	22.34	33	PASS
				RB36#0	20.74	22.10	33	PASS
				RB36#18	20.72	22.08	33	PASS
				RB36#39	20.52	22.14	33	PASS
				RB75#0	20.58	22.23	33	PASS
		20	LCH	RB1#0	20.96	22.56	33	PASS
				RB1#50	21.45	23.02	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	21.16	22.63	33	PASS
				RB50#0	20.23	21.67	33	PASS
				RB50#25	20.41	21.90	33	PASS
				RB50#50	20.46	22.10	33	PASS
				RB100#0	20.39	21.99	33	PASS
			MCH	RB1#0	21.74	23.20	33	PASS
				RB1#50	21.91	23.44	33	PASS
				RB1#99	21.2	22.70	33	PASS
				RB50#0	20.88	22.45	33	PASS
				RB50#25	20.85	22.48	33	PASS
				RB50#50	20.72	22.11	33	PASS
				RB100#0	20.76	22.19	33	PASS
			HCH	RB1#0	21.65	23.03	33	PASS
				RB1#50	21.82	23.40	33	PASS
				RB1#99	21.05	22.63	33	PASS
				RB50#0	20.75	22.17	33	PASS
				RB50#25	20.65	22.19	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	20.69	22.25	33	PASS
				RB100#0	20.69	22.18	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	3.76	13	PASS
				RB1#13	3.4	13	PASS
				RB1#24	3.88	13	PASS
				RB12#0	4.59	13	PASS
				RB12#6	4.23	13	PASS
				RB12#13	4.67	13	PASS
				RB25#0	5.2	13	PASS
			MCH	RB1#0	3.85	13	PASS
				RB1#13	3.46	13	PASS
				RB1#24	3.93	13	PASS
				RB12#0	4.75	13	PASS
				RB12#6	4.47	13	PASS
				RB12#13	4.8	13	PASS
				RB25#0	5.28	13	PASS
			HCH	RB1#0	3.63	13	PASS
				RB1#13	3.26	13	PASS
				RB1#24	3.76	13	PASS
				RB12#0	4.47	13	PASS
				RB12#6	3.97	13	PASS
				RB12#13	4.39	13	PASS
				RB25#0	5.04	13	PASS
		10	LCH	RB1#0	4.03	13	PASS
				RB1#25	3.49	13	PASS
				RB1#49	4.42	13	PASS
				RB25#0	4.97	13	PASS
				RB25#13	4.6	13	PASS
				RB25#25	4.95	13	PASS
				RB50#0	5.15	13	PASS
			MCH	RB1#0	3.86	13	PASS
				RB1#25	3.32	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.17	13	PASS
				RB25#0	5.08	13	PASS
				RB25#13	4.63	13	PASS
				RB25#25	5.1	13	PASS
				RB50#0	5.22	13	PASS
			HCH	RB1#0	3.55	13	PASS
				RB1#25	3	13	PASS
				RB1#49	3.8	13	PASS
				RB25#0	4.57	13	PASS
				RB25#13	4.13	13	PASS
				RB25#25	4.59	13	PASS
				RB50#0	4.94	13	PASS
		15	LCH	RB1#0	3.79	13	PASS
				RB1#38	3.27	13	PASS
				RB1#74	3.79	13	PASS
				RB36#0	4.88	13	PASS
				RB36#18	4.54	13	PASS
				RB36#39	5.01	13	PASS
				RB75#0	5.46	13	PASS
			MCH	RB1#0	3.85	13	PASS
				RB1#38	3.44	13	PASS
				RB1#74	4.04	13	PASS
				RB36#0	4.98	13	PASS
				RB36#18	4.63	13	PASS
				RB36#39	5	13	PASS
				RB75#0	5.49	13	PASS
			HCH	RB1#0	3.6	13	PASS
				RB1#38	3.18	13	PASS
				RB1#74	3.75	13	PASS
				RB36#0	4.54	13	PASS
				RB36#18	4.1	13	PASS
				RB36#39	4.52	13	PASS
				RB75#0	5.24	13	PASS
		20	LCH	RB1#0	3.44	13	PASS
				RB1#50	3.52	13	PASS
				RB1#99	3.82	13	PASS
				RB50#0	4.82	13	PASS
				RB50#25	4.59	13	PASS
				RB50#50	4.88	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	5.38	13	PASS
			MCH	RB1#0	3.72	13	PASS
				RB1#50	3.52	13	PASS
				RB1#99	3.94	13	PASS
				RB50#0	4.78	13	PASS
				RB50#25	4.58	13	PASS
				RB50#50	4.94	13	PASS
				RB100#0	5.37	13	PASS
			HCH	RB1#0	3.75	13	PASS
				RB1#50	3.32	13	PASS
				RB1#99	3.51	13	PASS
				RB50#0	4.65	13	PASS
				RB50#25	4.19	13	PASS
				RB50#50	4.35	13	PASS
				RB100#0	5.13	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.61	13	PASS
				RB1#13	3.92	13	PASS
				RB1#24	4.53	13	PASS
				RB12#0	5.3	13	PASS
				RB12#6	4.98	13	PASS
				RB12#13	5.32	13	PASS
				RB25#0	5.64	13	PASS
			MCH	RB1#0	4.88	13	PASS
				RB1#13	4.31	13	PASS
				RB1#24	4.85	13	PASS
				RB12#0	5.54	13	PASS
				RB12#6	5.19	13	PASS
				RB12#13	5.46	13	PASS
				RB25#0	5.92	13	PASS
			HCH	RB1#0	4.4	13	PASS
				RB1#13	3.86	13	PASS
				RB1#24	4.32	13	PASS
				RB12#0	5.16	13	PASS
				RB12#6	4.72	13	PASS
				RB12#13	5.11	13	PASS
				RB25#0	5.68	13	PASS
		10	LCH	RB1#0	4.14	13	PASS
				RB1#25	3.68	13	PASS
				RB1#49	4.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.56	13	PASS
				RB25#13	5.13	13	PASS
				RB25#25	5.57	13	PASS
				RB50#0	5.99	13	PASS
			MCH	RB1#0	4.15	13	PASS
				RB1#25	3.78	13	PASS
				RB1#49	4.56	13	PASS
				RB25#0	5.66	13	PASS
				RB25#13	5.23	13	PASS
				RB25#25	5.71	13	PASS
				RB50#0	6.11	13	PASS
			HCH	RB1#0	4.09	13	PASS
				RB1#25	3.53	13	PASS
				RB1#49	4.34	13	PASS
				RB25#0	5.19	13	PASS
				RB25#13	4.86	13	PASS
				RB25#25	5.25	13	PASS
				RB50#0	5.66	13	PASS
		15	LCH	RB1#0	4.23	13	PASS
				RB1#38	3.85	13	PASS
				RB1#74	4.42	13	PASS
				RB36#0	5.57	13	PASS
				RB36#18	5.28	13	PASS
				RB36#39	5.68	13	PASS
				RB75#0	6.22	13	PASS
			MCH	RB1#0	4.33	13	PASS
				RB1#38	4.04	13	PASS
				RB1#74	4.68	13	PASS
				RB36#0	5.67	13	PASS
				RB36#18	5.35	13	PASS
				RB36#39	5.69	13	PASS
				RB75#0	6.08	13	PASS
			HCH	RB1#0	3.98	13	PASS
				RB1#38	3.42	13	PASS
				RB1#74	4.14	13	PASS
				RB36#0	5.26	13	PASS
				RB36#18	4.86	13	PASS
				RB36#39	5.17	13	PASS
				RB75#0	5.88	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	4.18	13	PASS
				RB1#50	3.87	13	PASS
				RB1#99	4.2	13	PASS
				RB50#0	5.56	13	PASS
				RB50#25	5.37	13	PASS
				RB50#50	5.67	13	PASS
				RB100#0	6.04	13	PASS
			MCH	RB1#0	4.07	13	PASS
				RB1#50	3.9	13	PASS
				RB1#99	4.43	13	PASS
				RB50#0	5.61	13	PASS
				RB50#25	5.43	13	PASS
				RB50#50	5.69	13	PASS
				RB100#0	6.02	13	PASS
			HCH	RB1#0	4.25	13	PASS
				RB1#50	3.64	13	PASS
				RB1#99	4.19	13	PASS
				RB50#0	5.39	13	PASS
				RB50#25	5.03	13	PASS
				RB50#50	5.1	13	PASS
				RB100#0	5.89	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

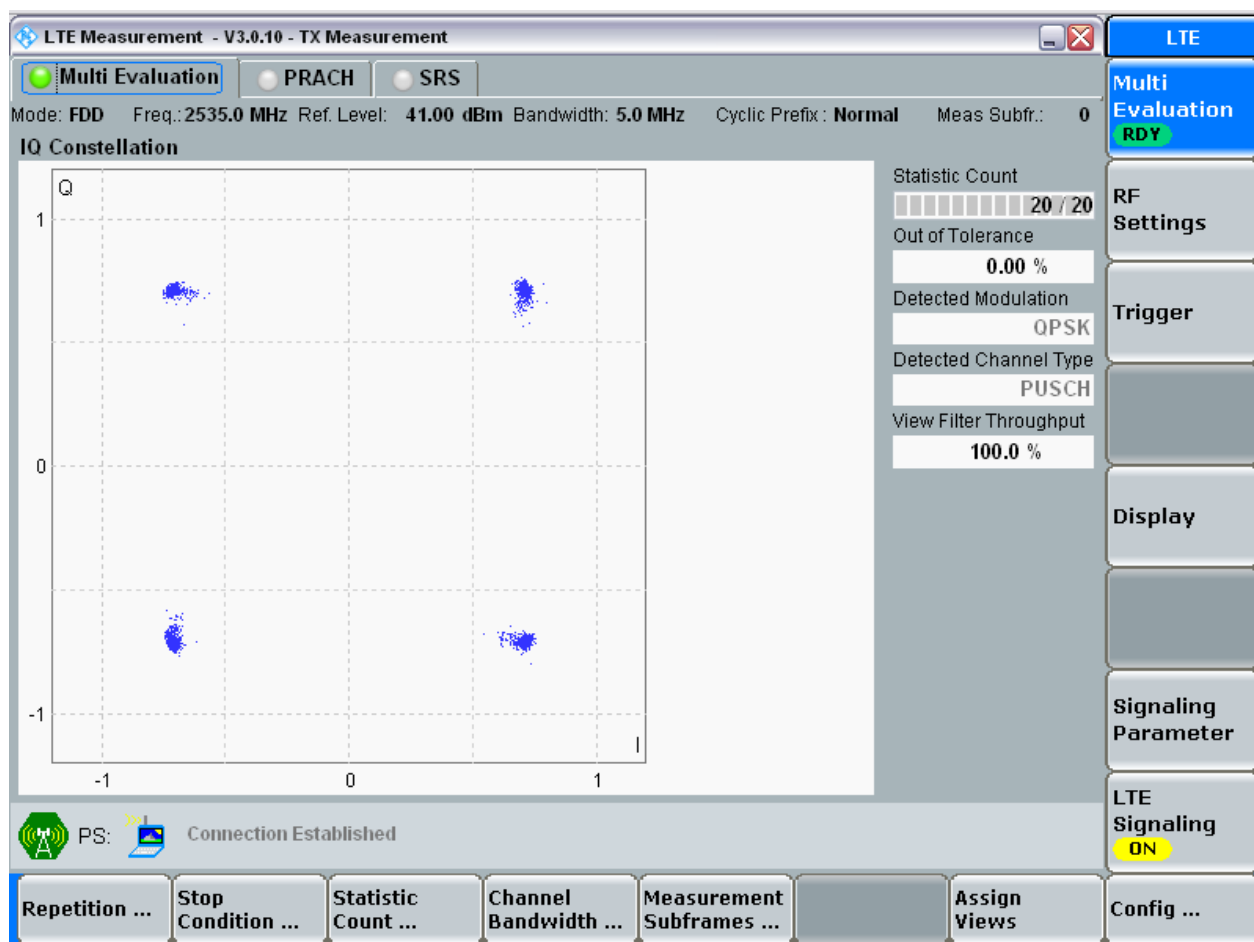
3.1.1 Test Band = BAND7

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

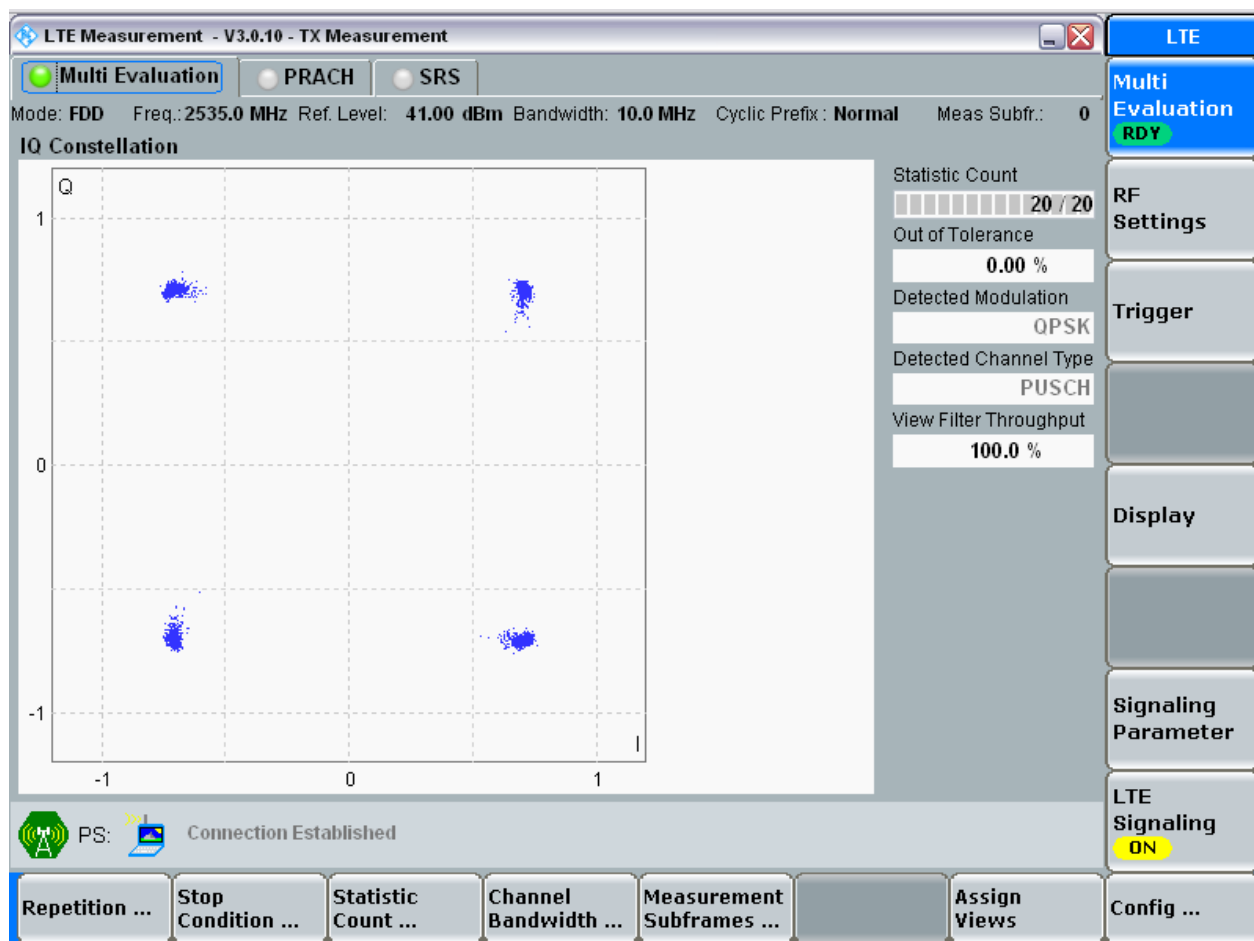
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

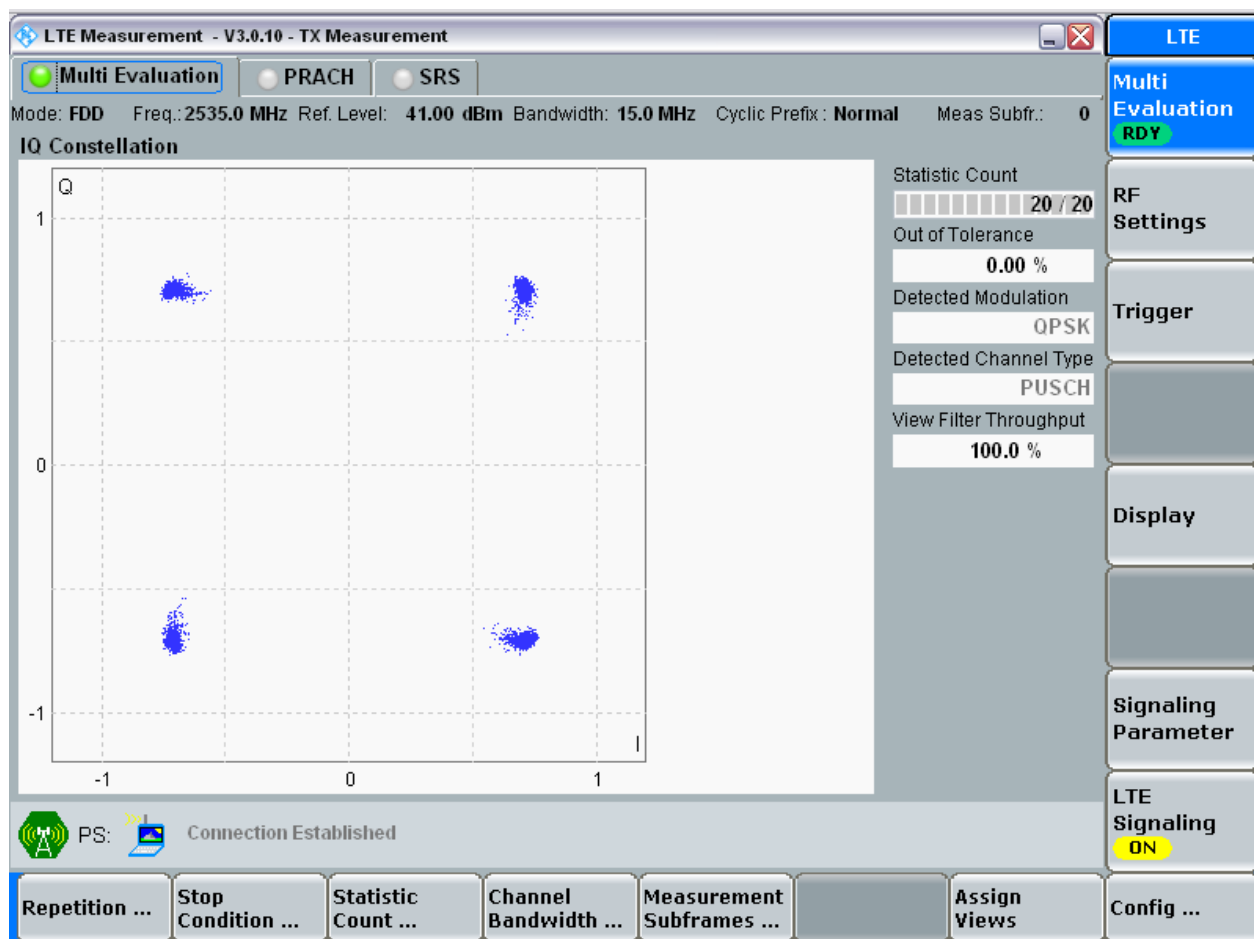
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

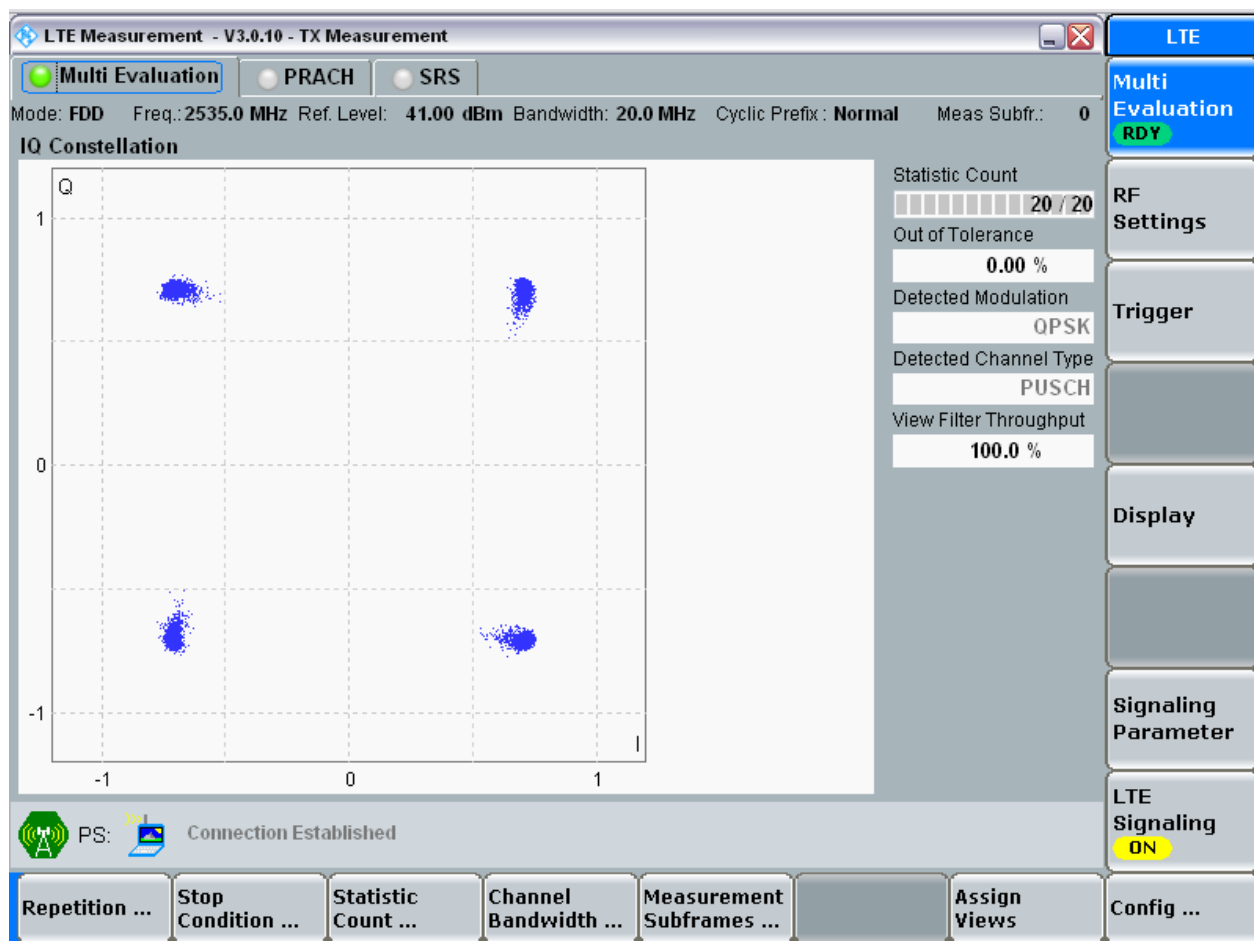
3.1.1.1.3.1.1 Test RB = RB75#0



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

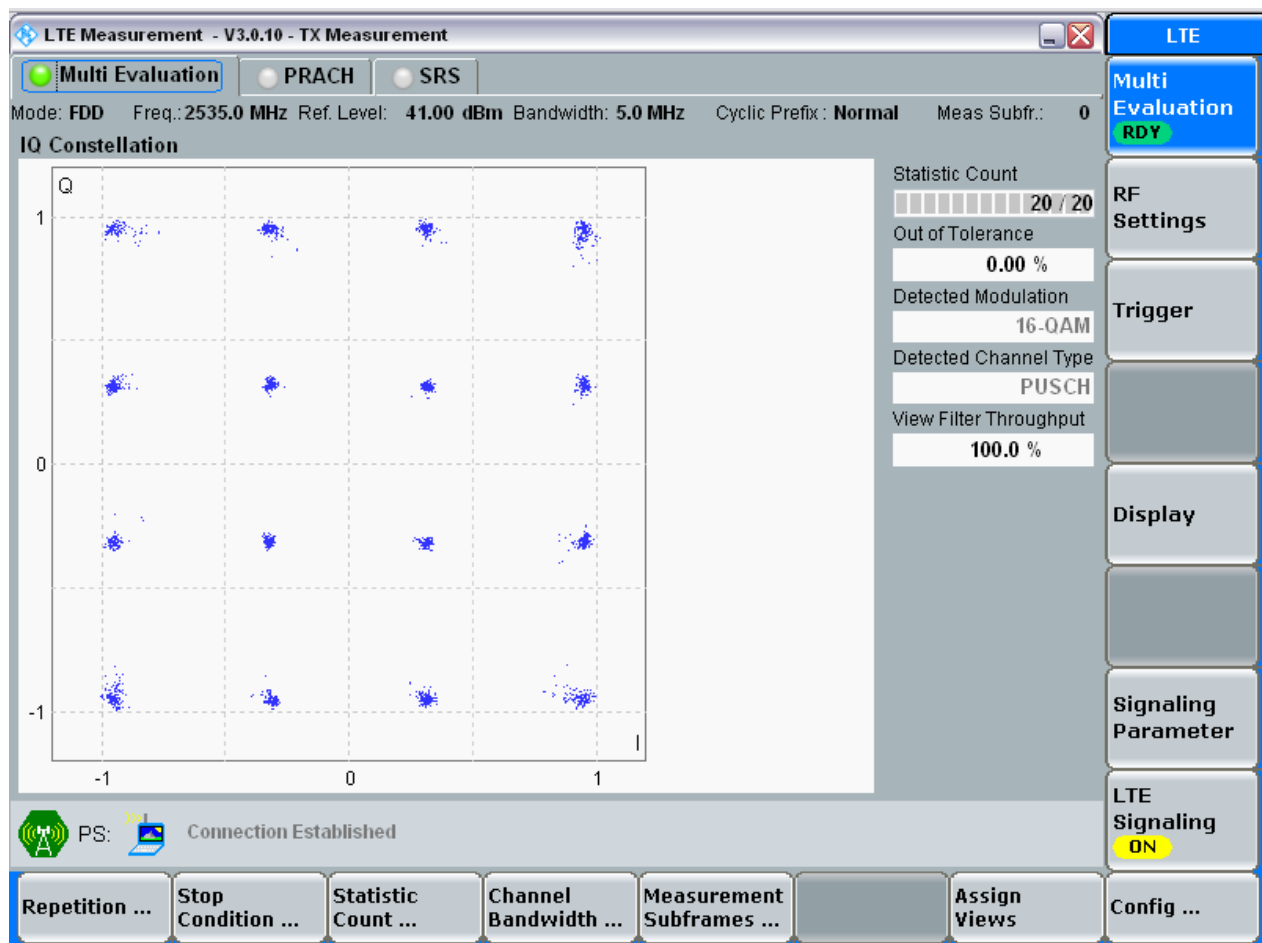


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

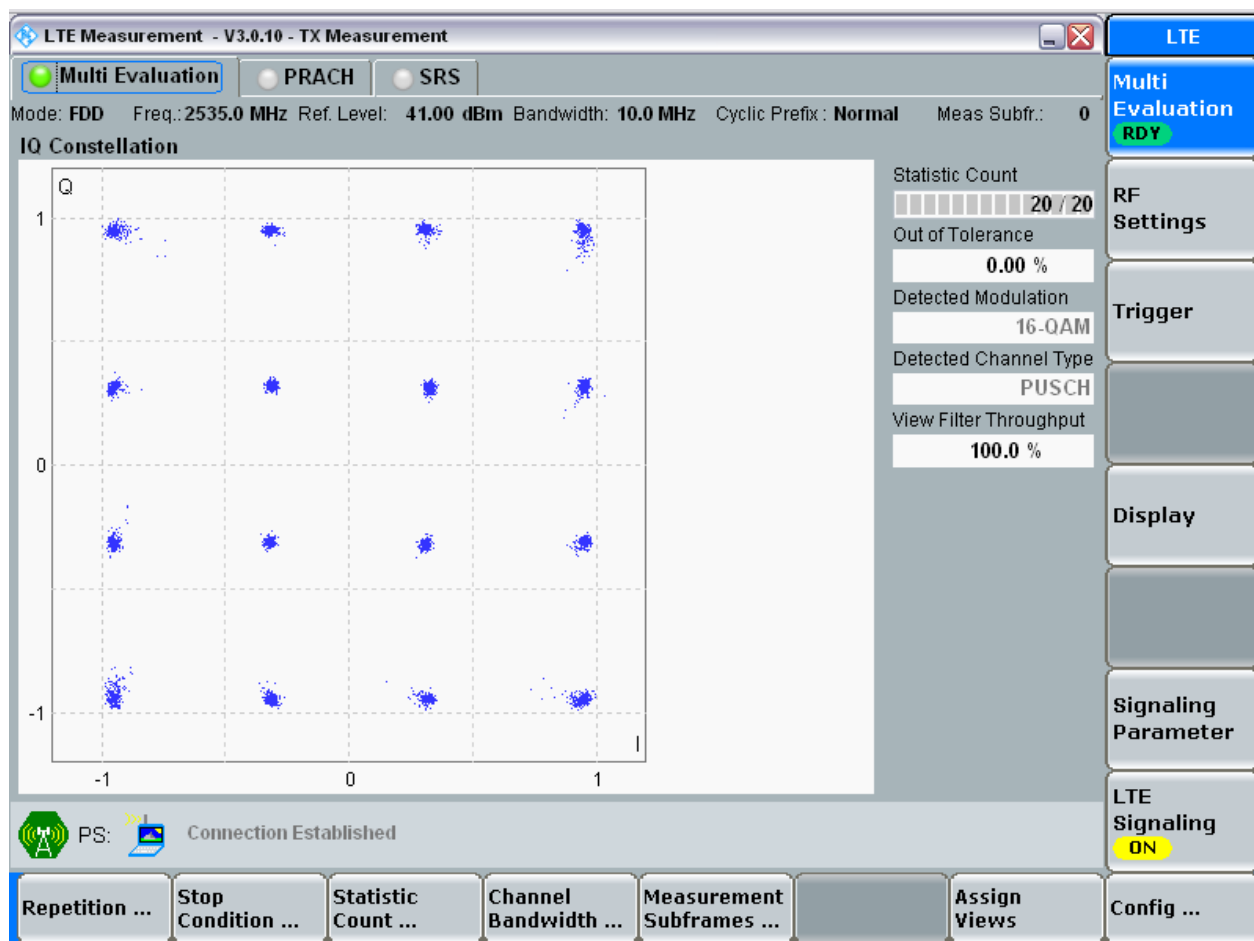
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

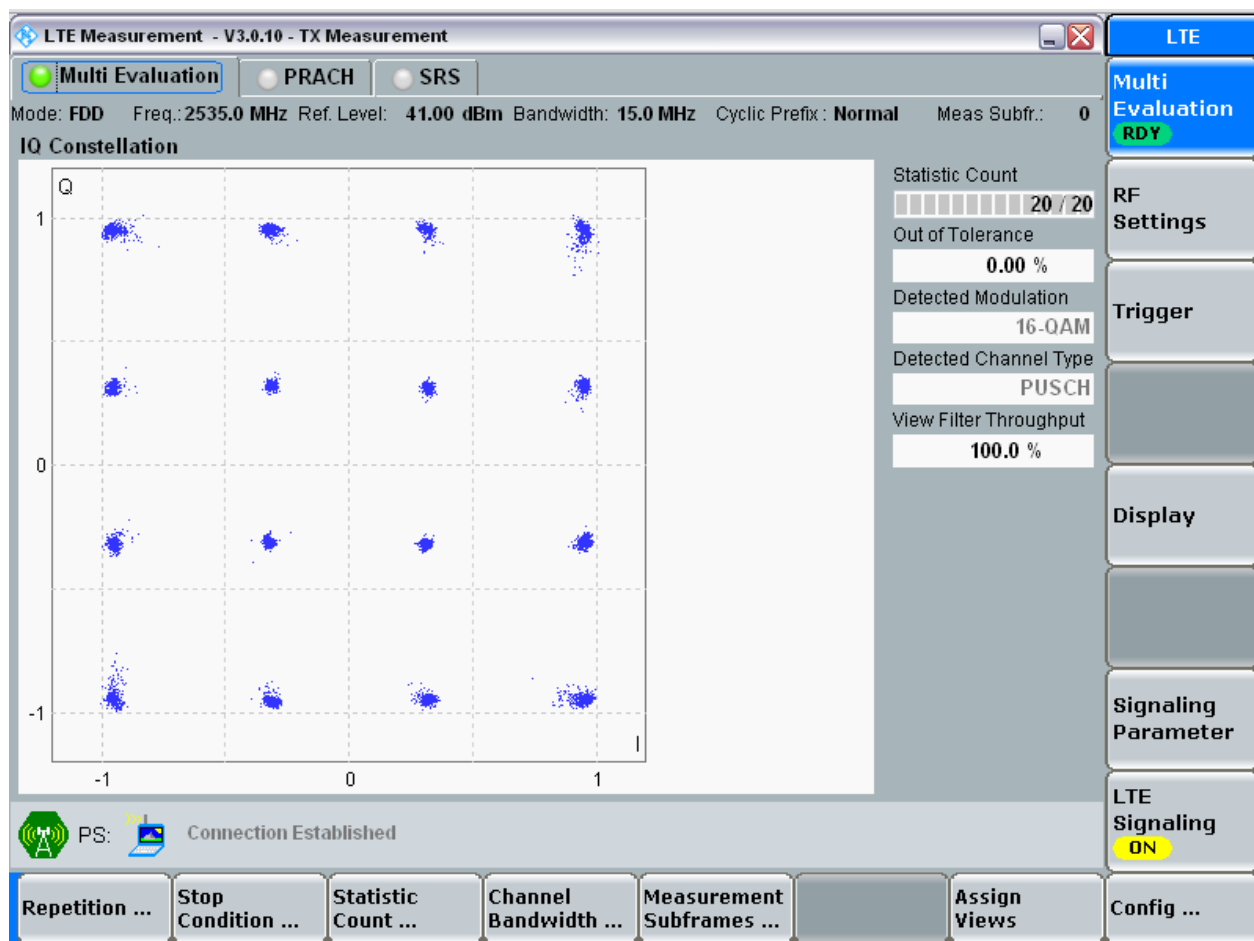
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

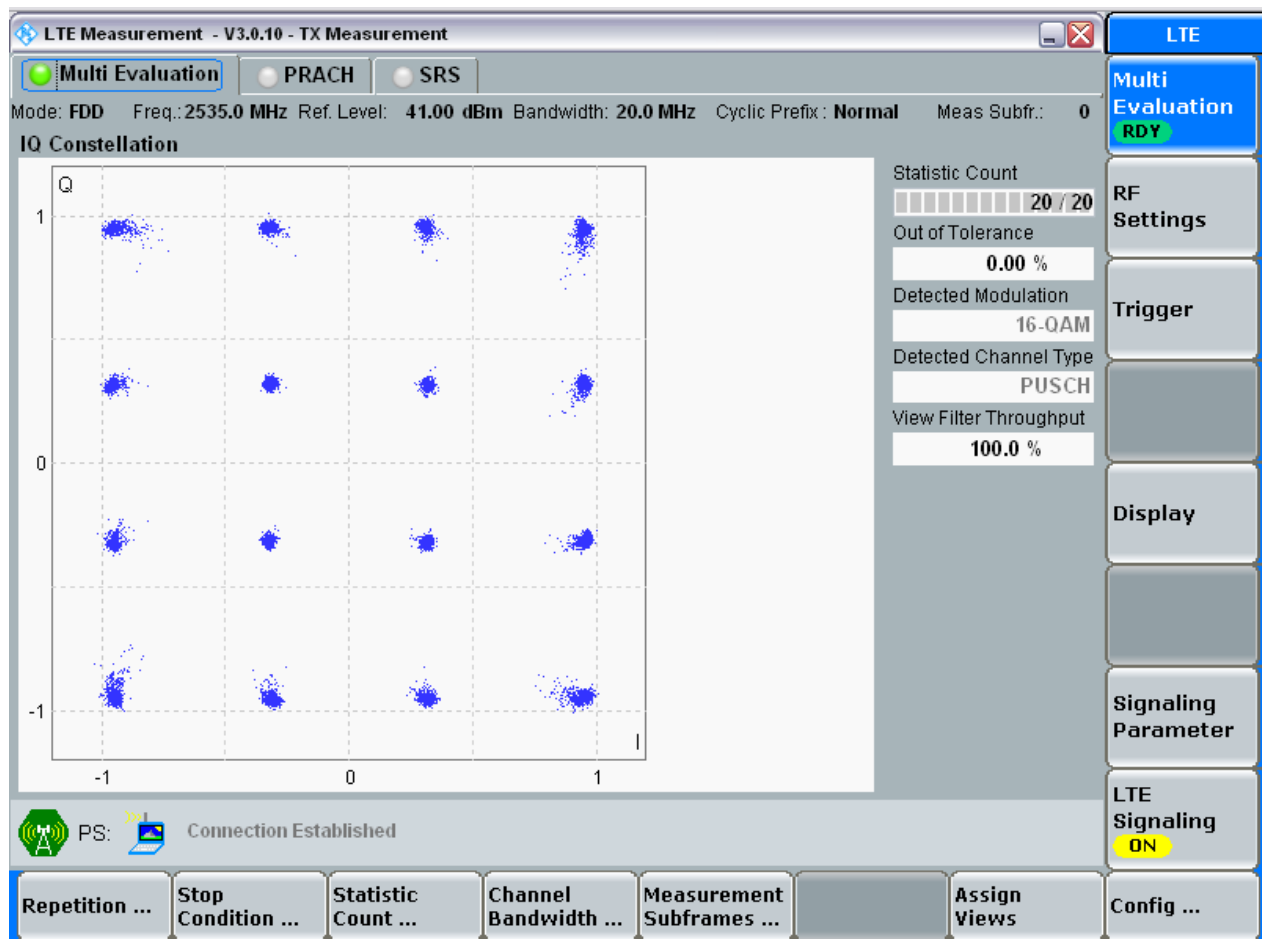
3.1.1.2.3.1.1 Test RB = RB75#0



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	4.49	4.89	Pass
			MCH	RB25#0	4.49	4.87	Pass
			HCH	RB25#0	4.51	4.91	Pass
		10	LCH	RB50#0	9.00	9.69	Pass
			MCH	RB50#0	9.00	9.68	Pass
			HCH	RB50#0	9.00	9.69	Pass
		15	LCH	RB75#0	13.51	14.61	Pass
			MCH	RB75#0	13.50	14.53	Pass
			HCH	RB75#0	13.52	16.32	Pass
		20	LCH	RB100#0	17.98	19.24	Pass
			MCH	RB100#0	17.98	19.21	Pass
			HCH	RB100#0	18.00	19.39	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.88	Pass
		10	LCH	RB50#0	9.00	9.67	Pass
			MCH	RB50#0	9.00	9.68	Pass
			HCH	RB50#0	9.01	9.69	Pass
		15	LCH	RB75#0	13.51	14.50	Pass
			MCH	RB75#0	13.49	14.41	Pass
			HCH	RB75#0	13.49	14.49	Pass
		20	LCH	RB100#0	18.00	19.25	Pass
			MCH	RB100#0	17.98	19.15	Pass
			HCH	RB100#0	17.99	19.19	Pass

Part II - Test Plots

4.1 For LTE

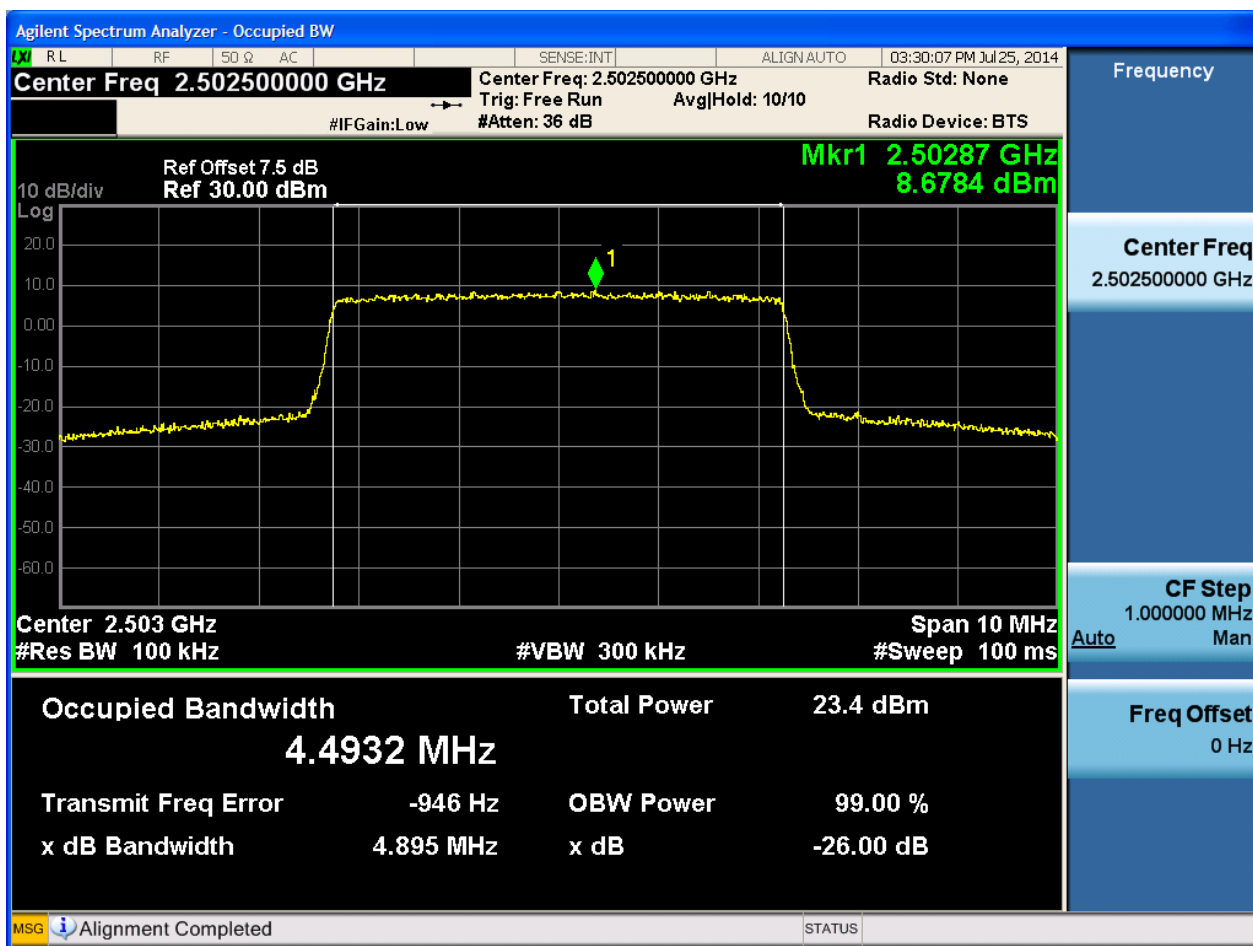
4.1.1 Test Band = BAND7

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

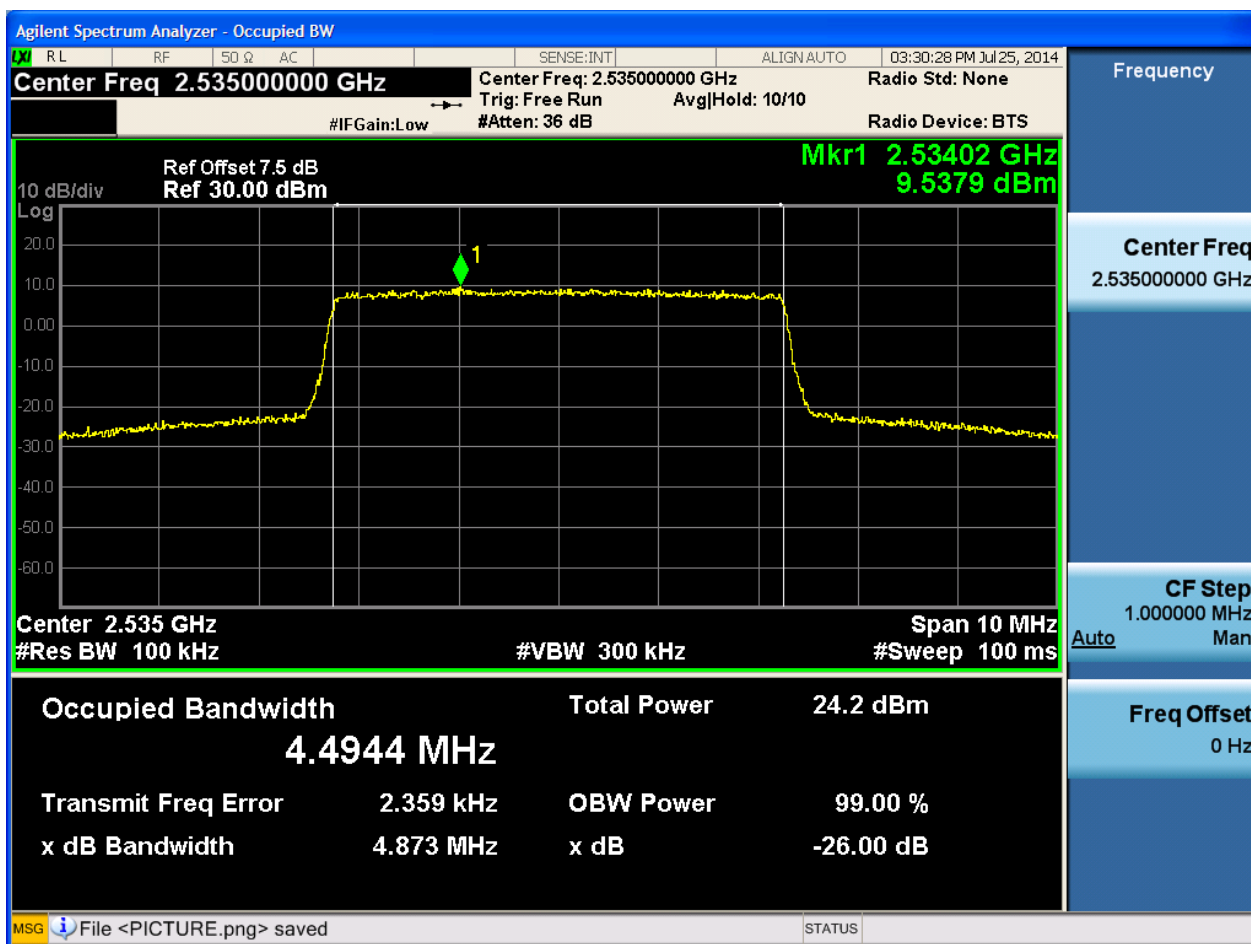
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

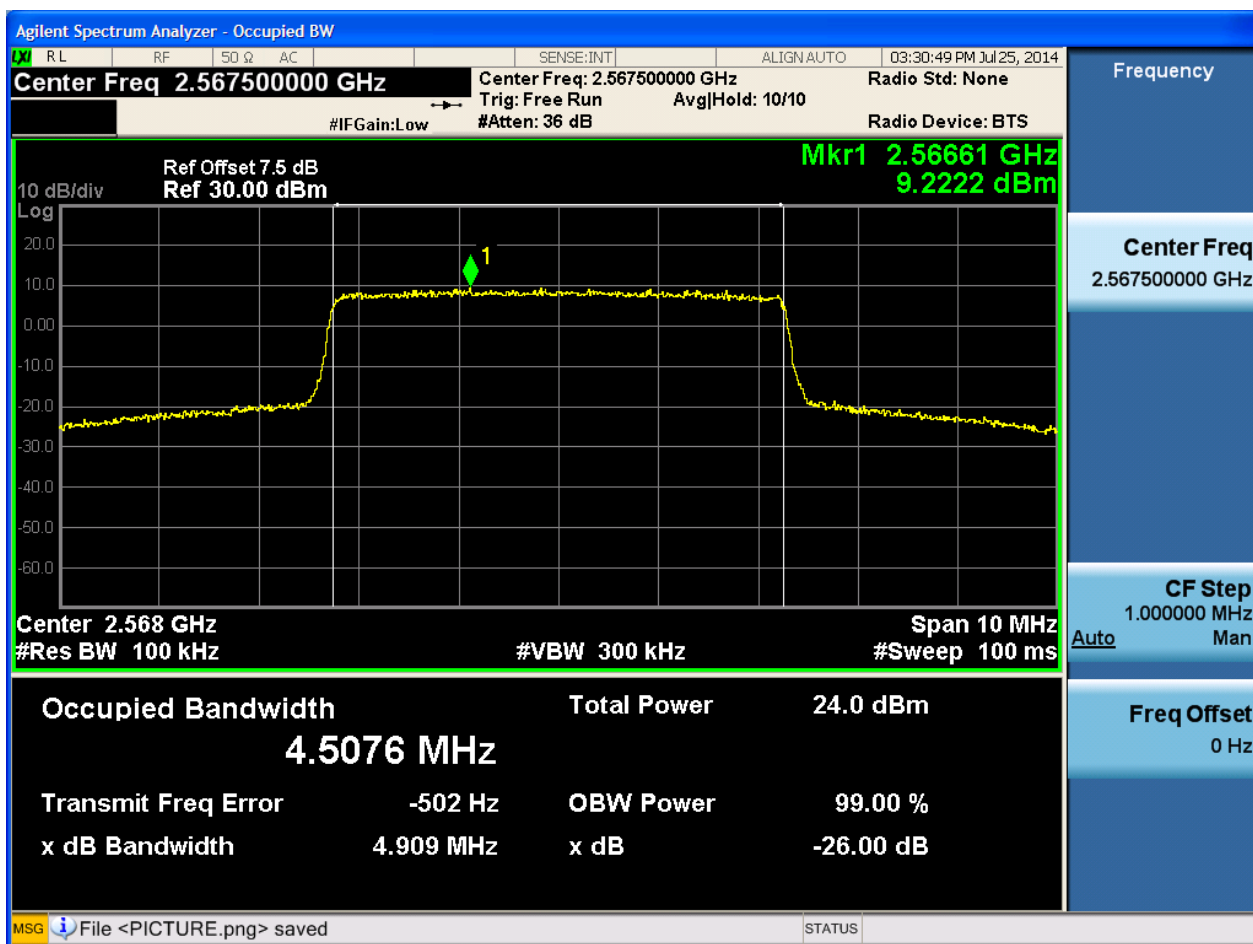
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

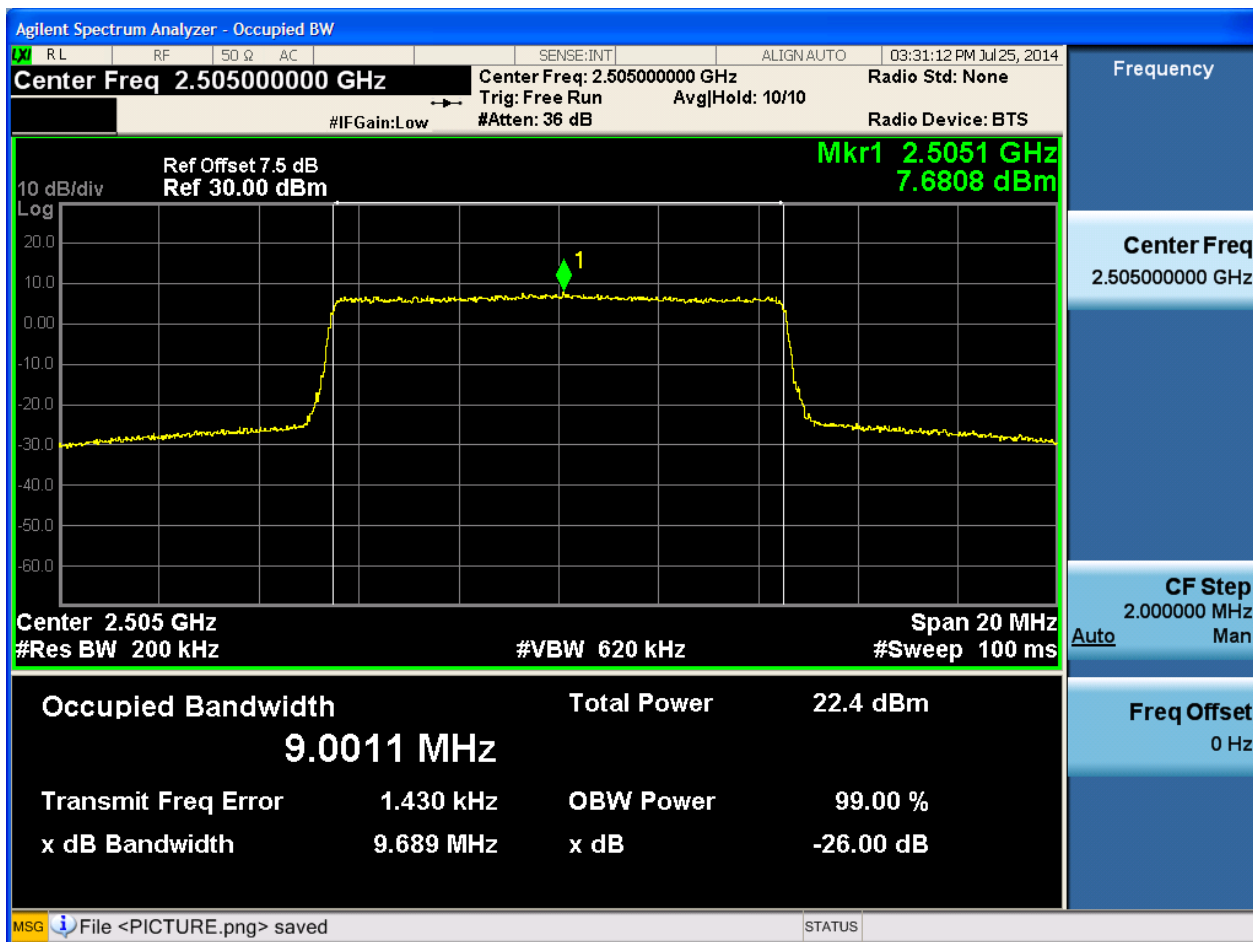




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

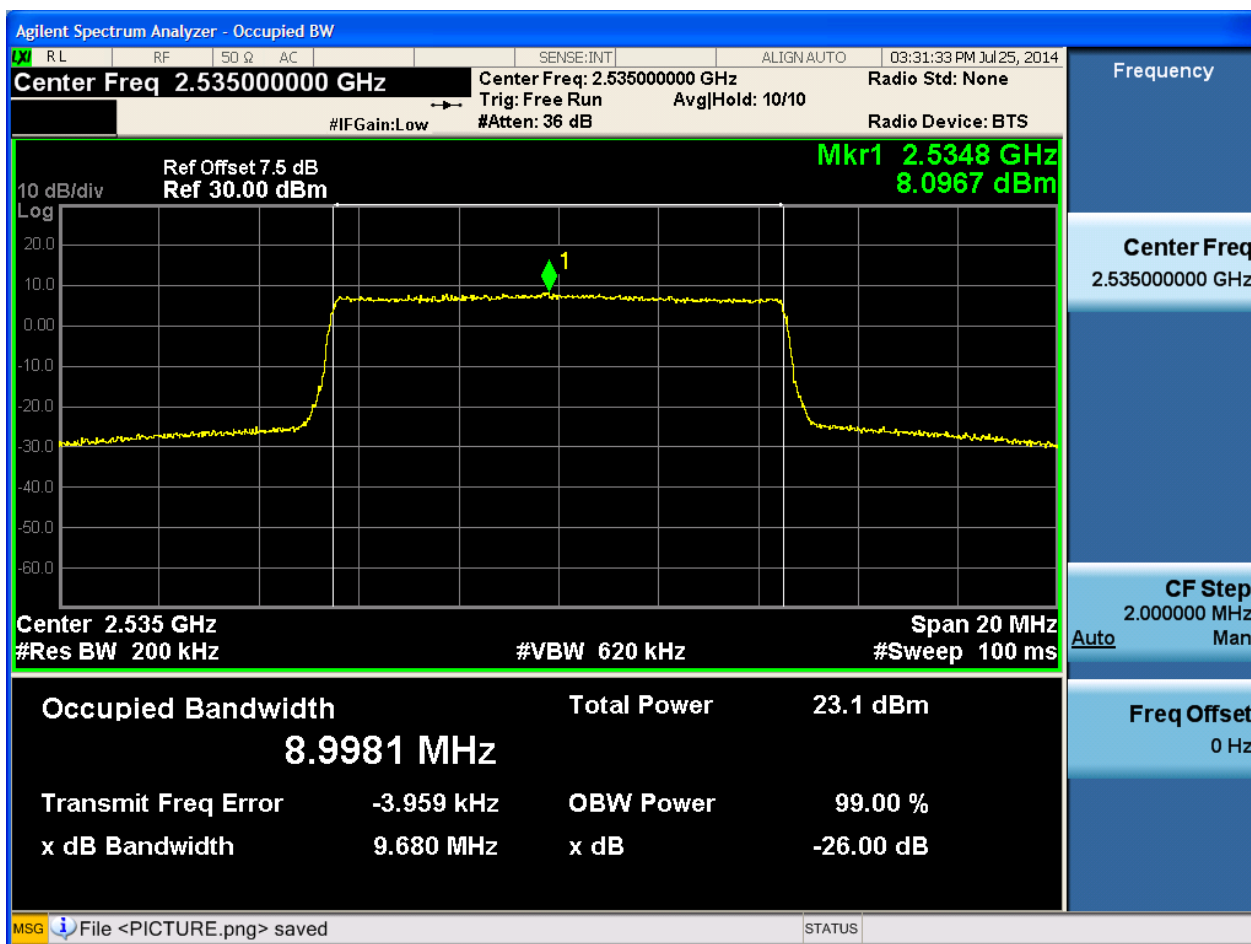
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

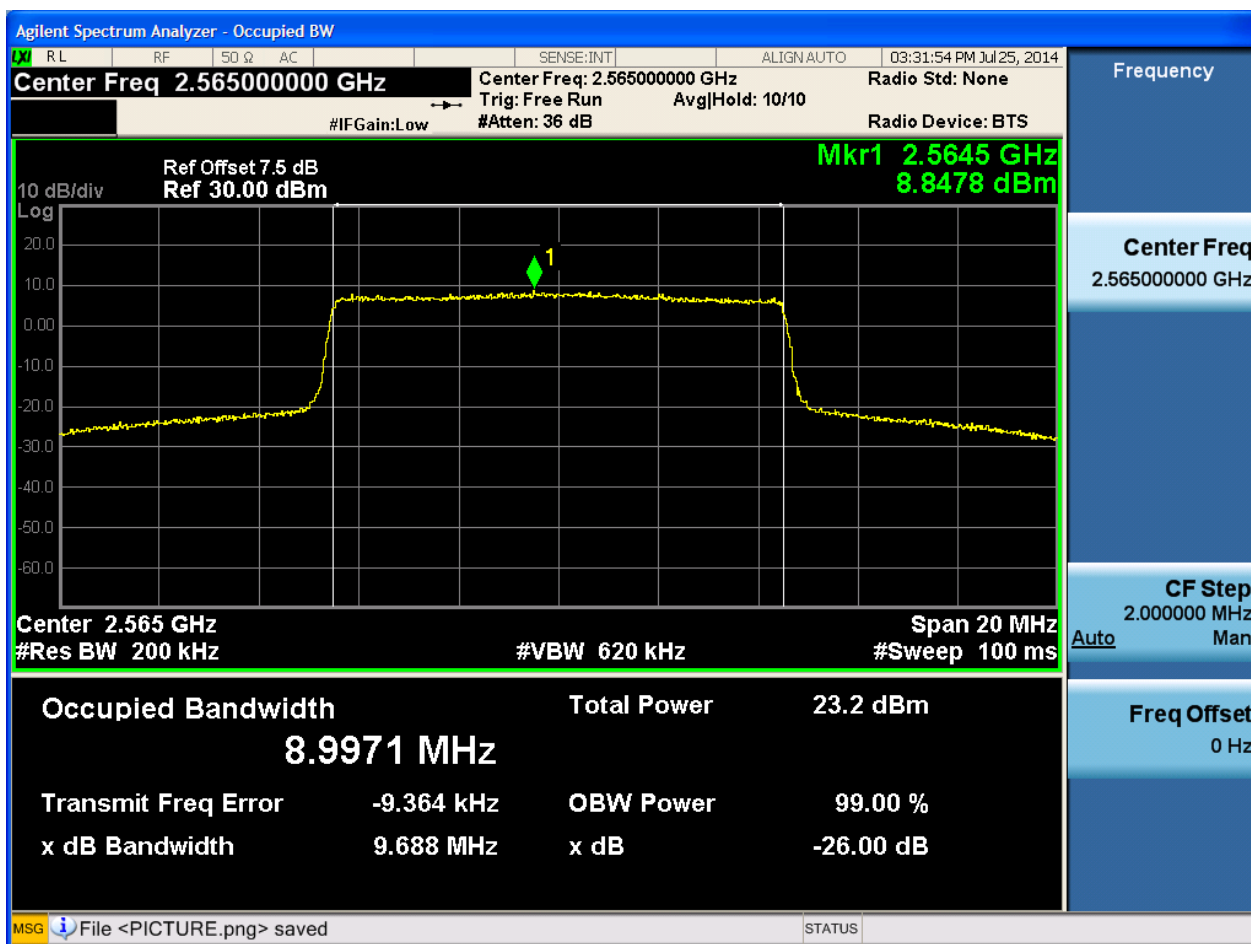
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

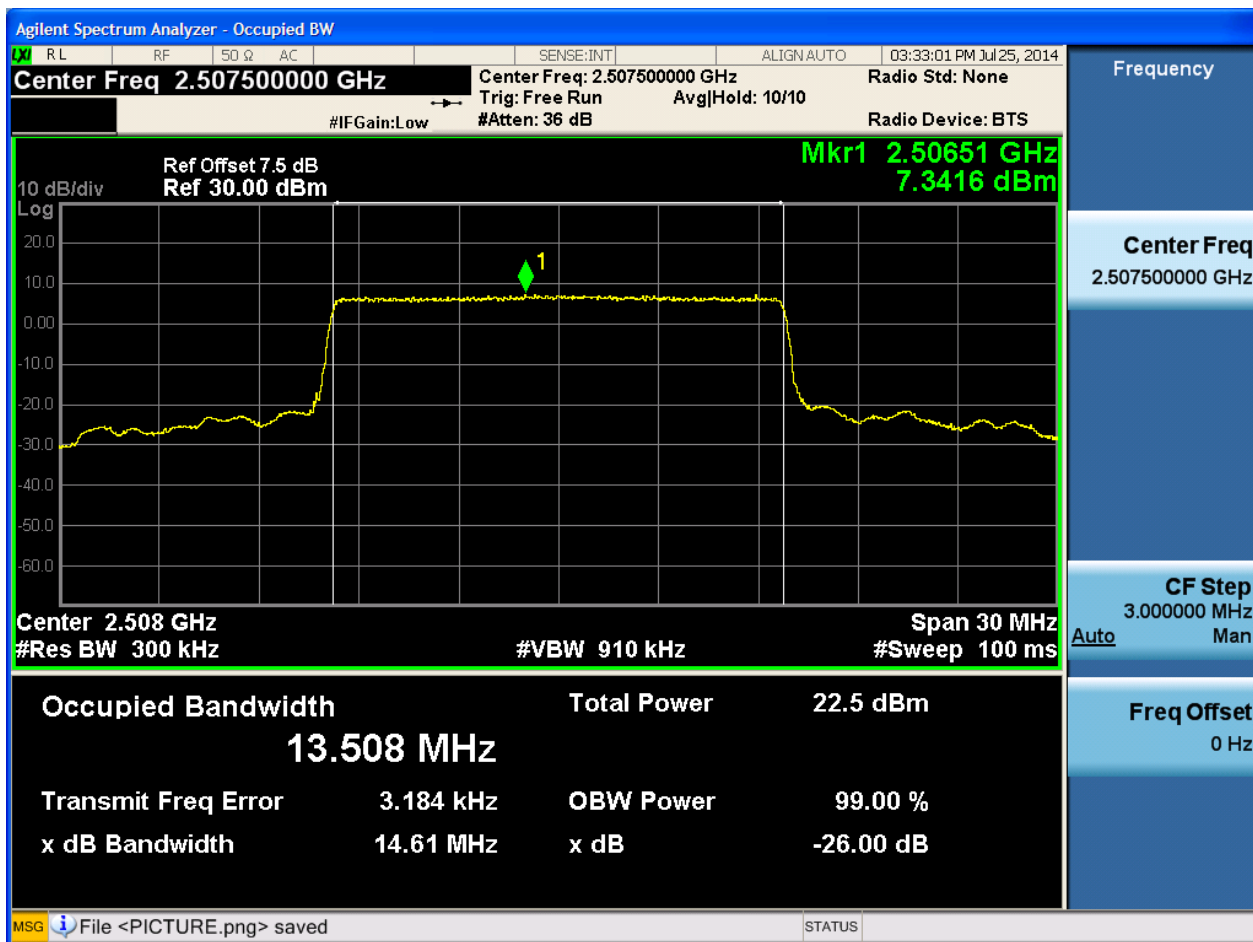




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

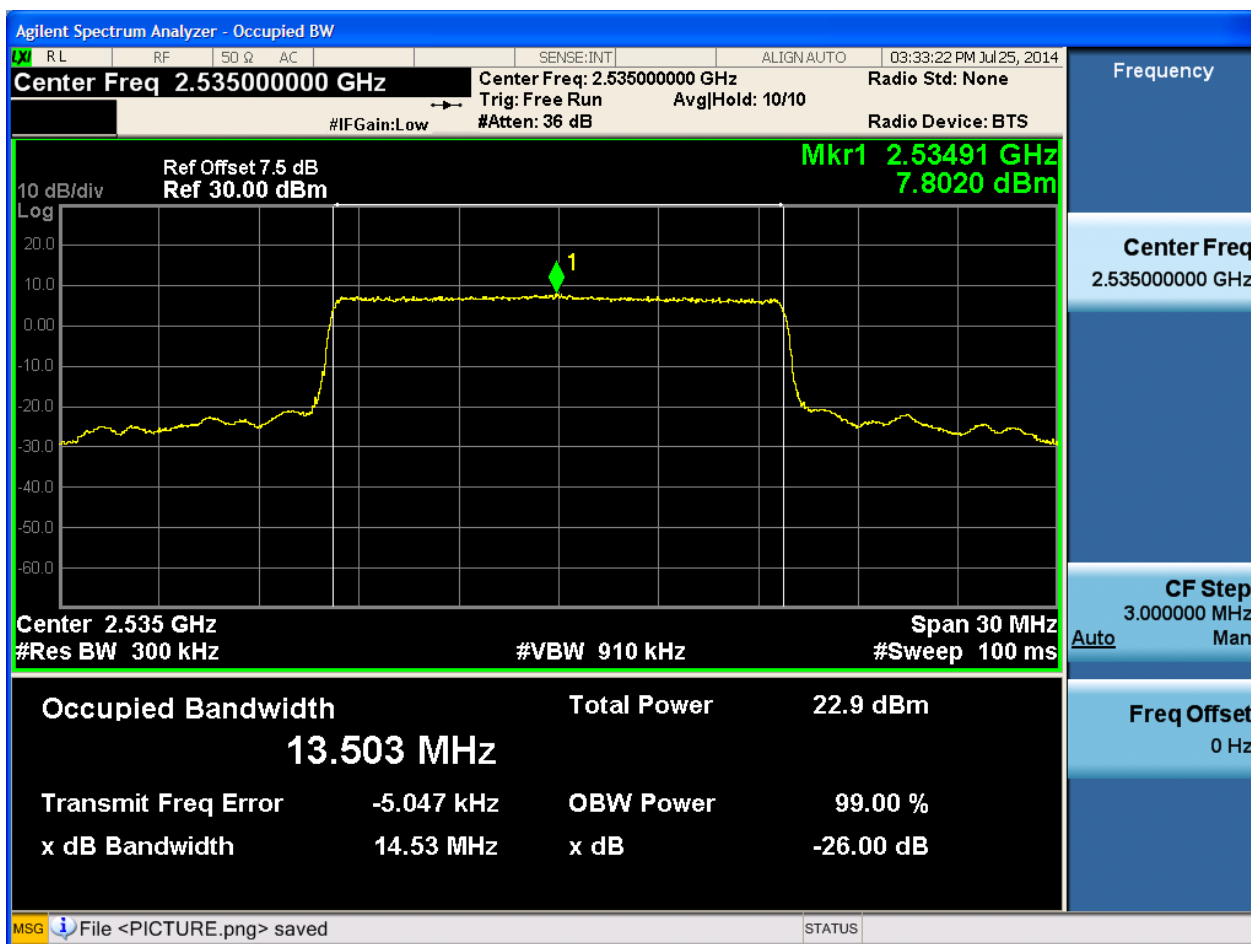
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

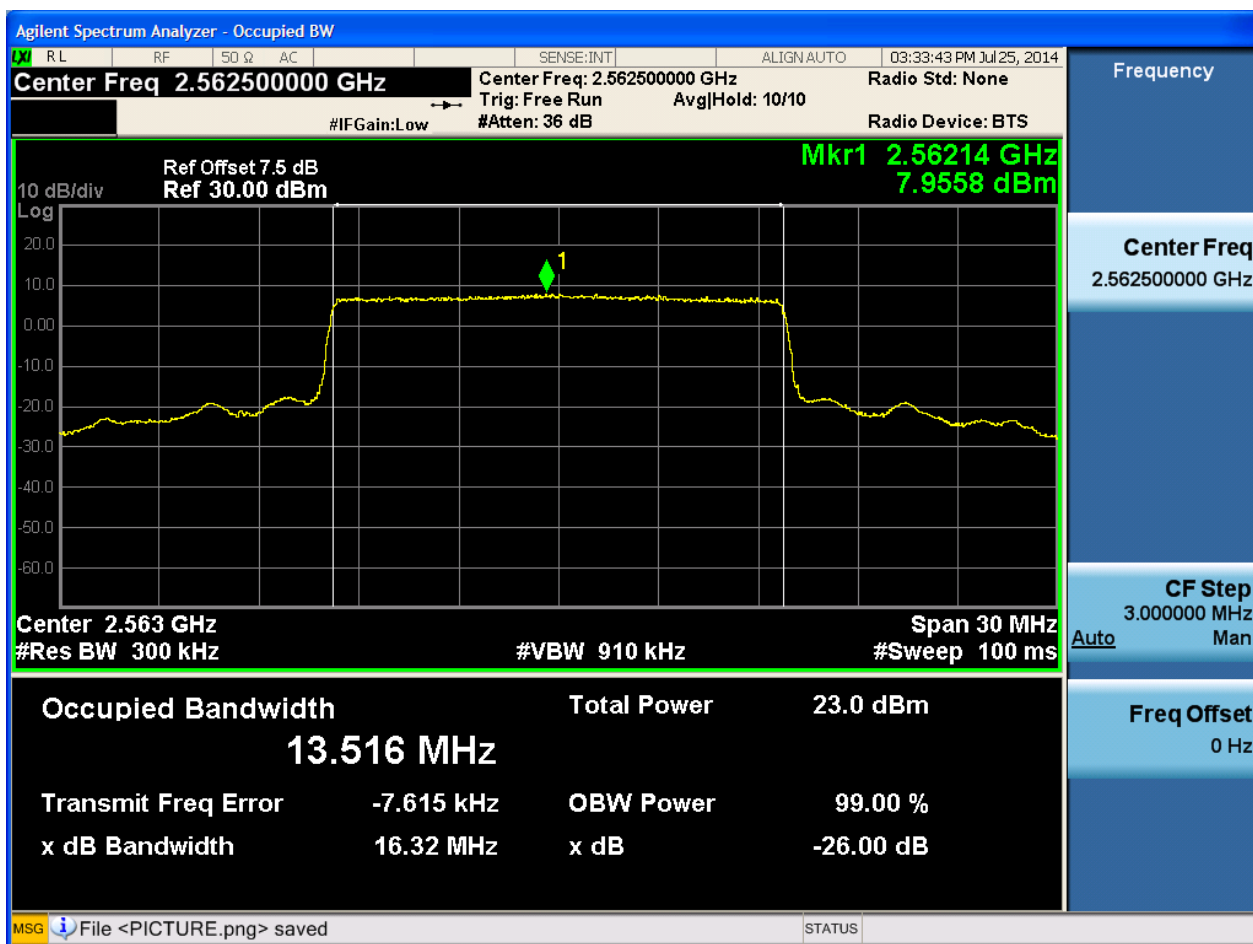
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

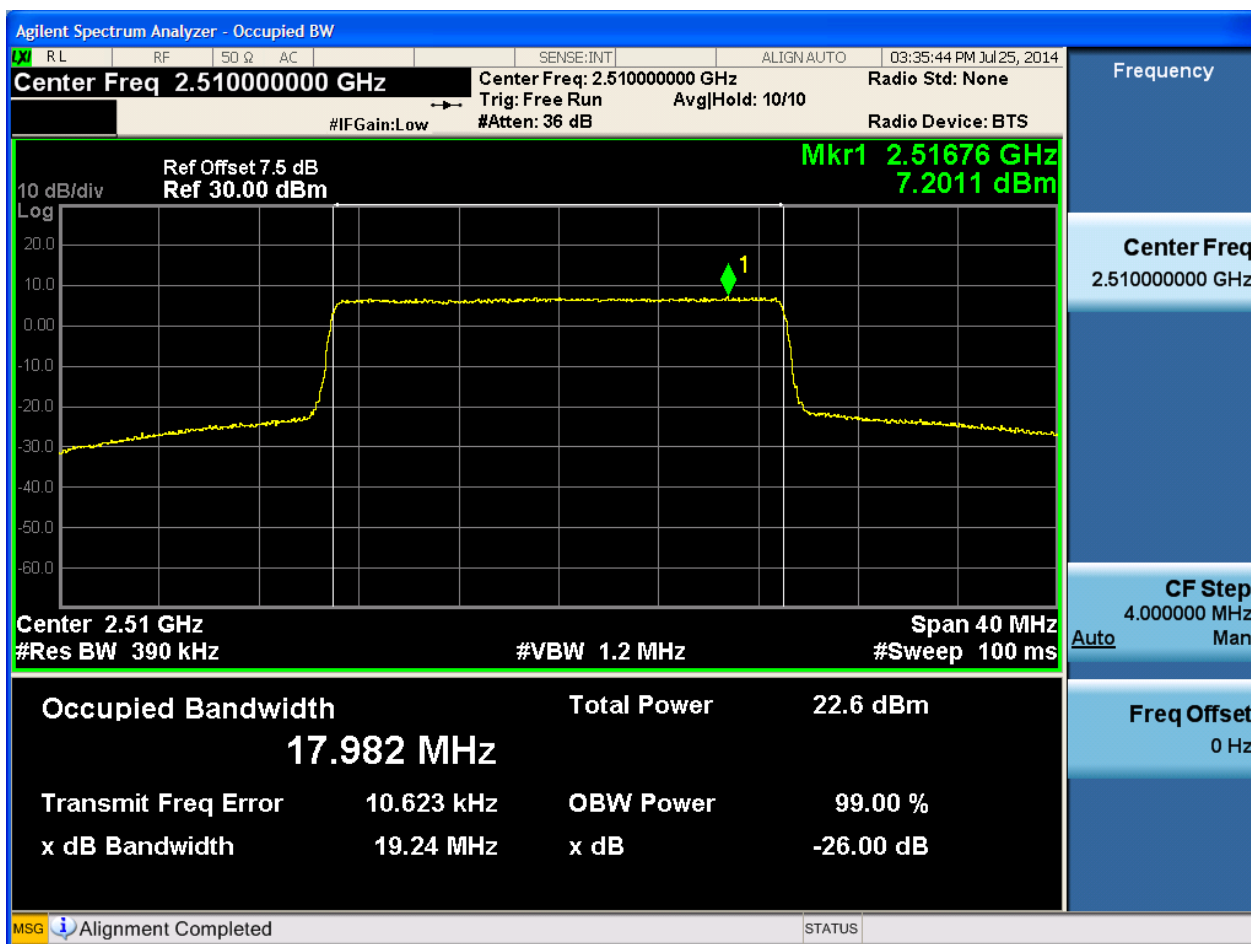




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

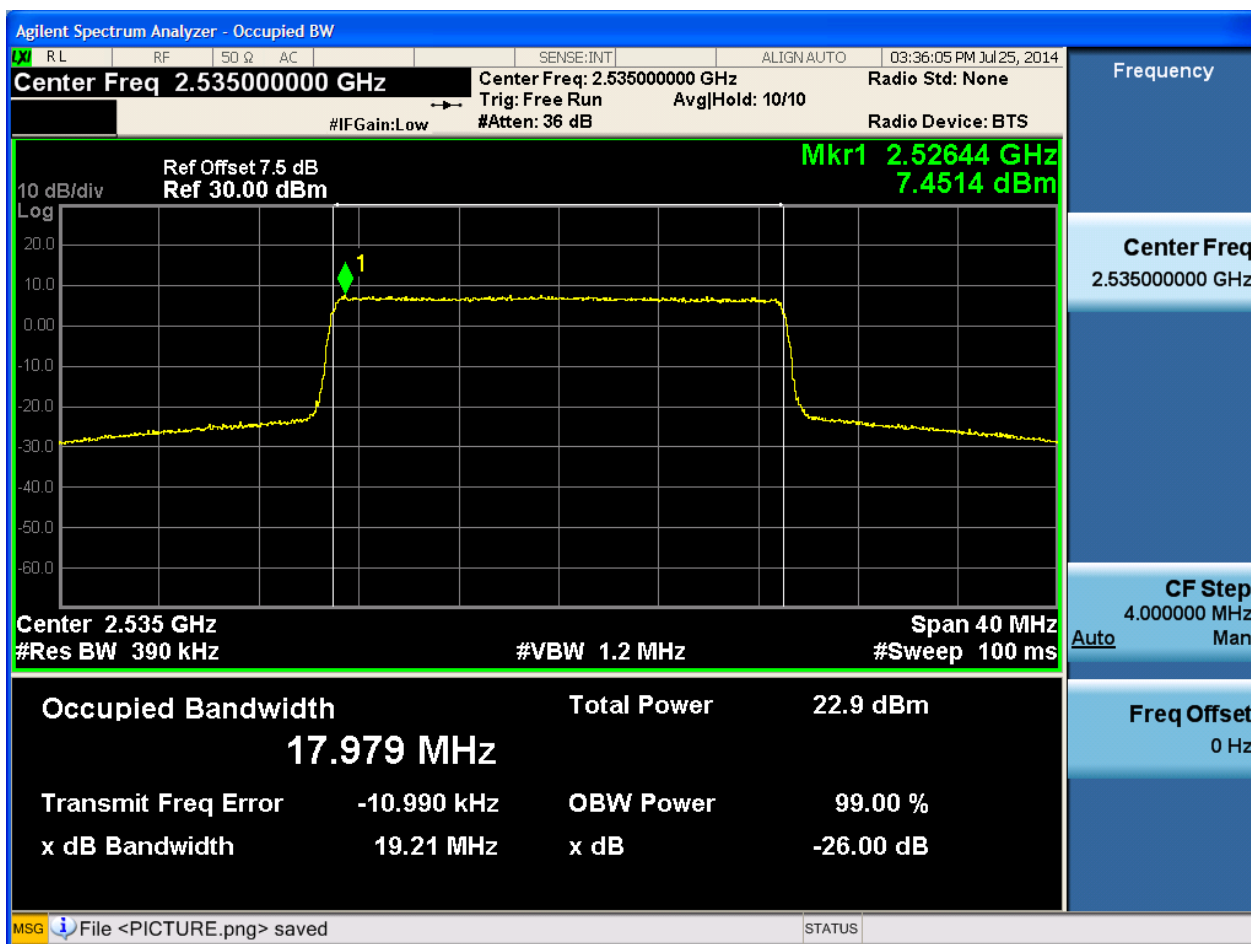
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

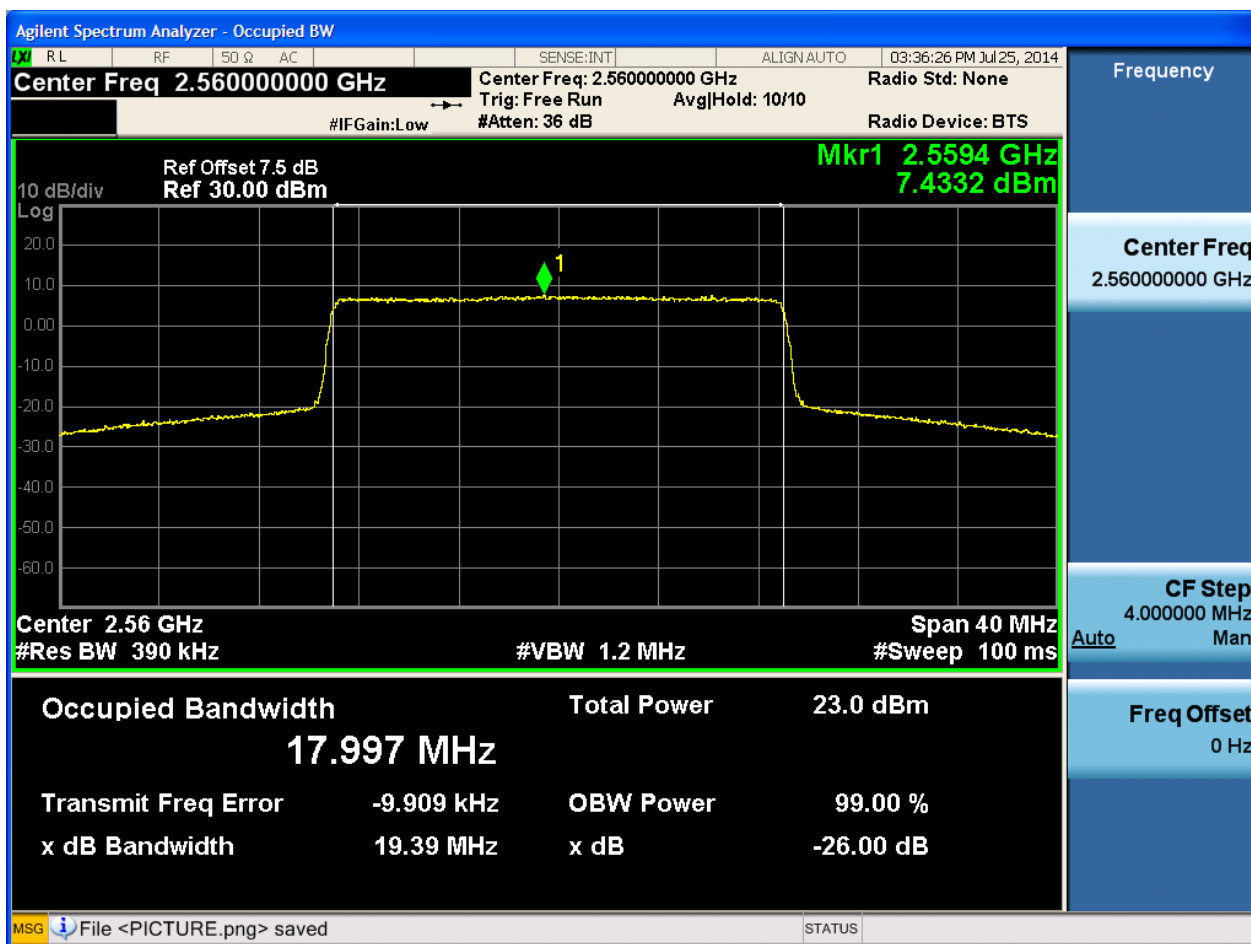
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



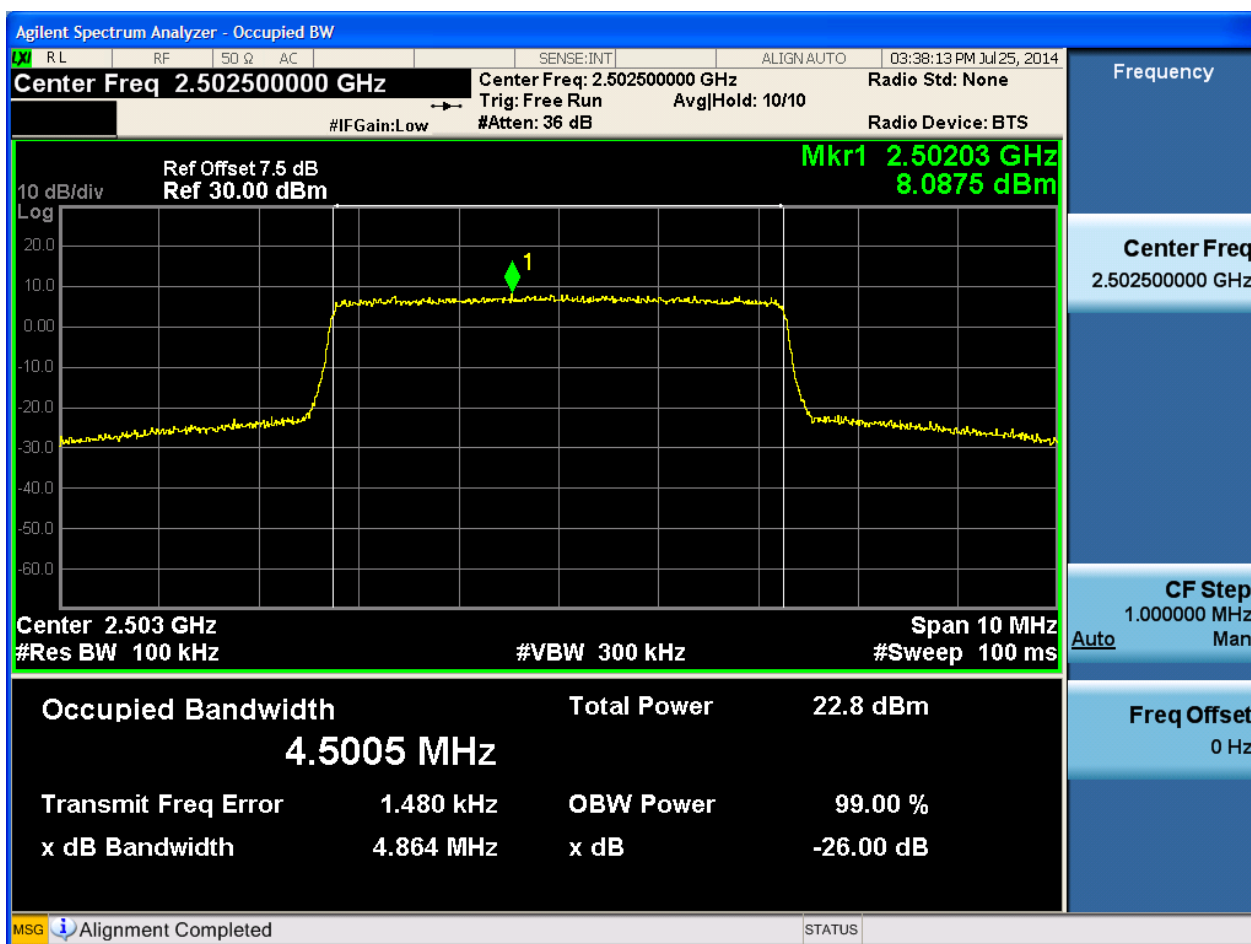


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

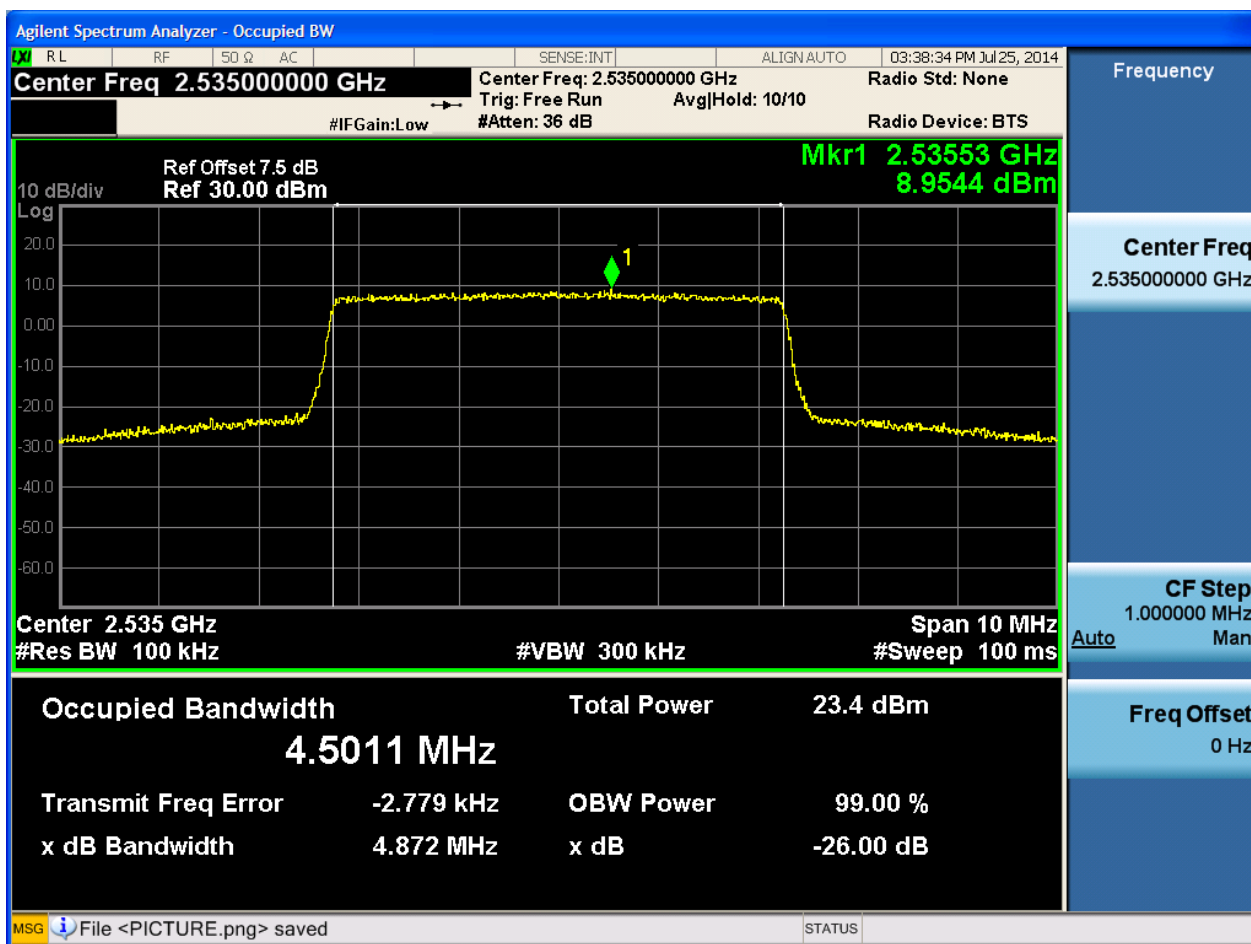
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

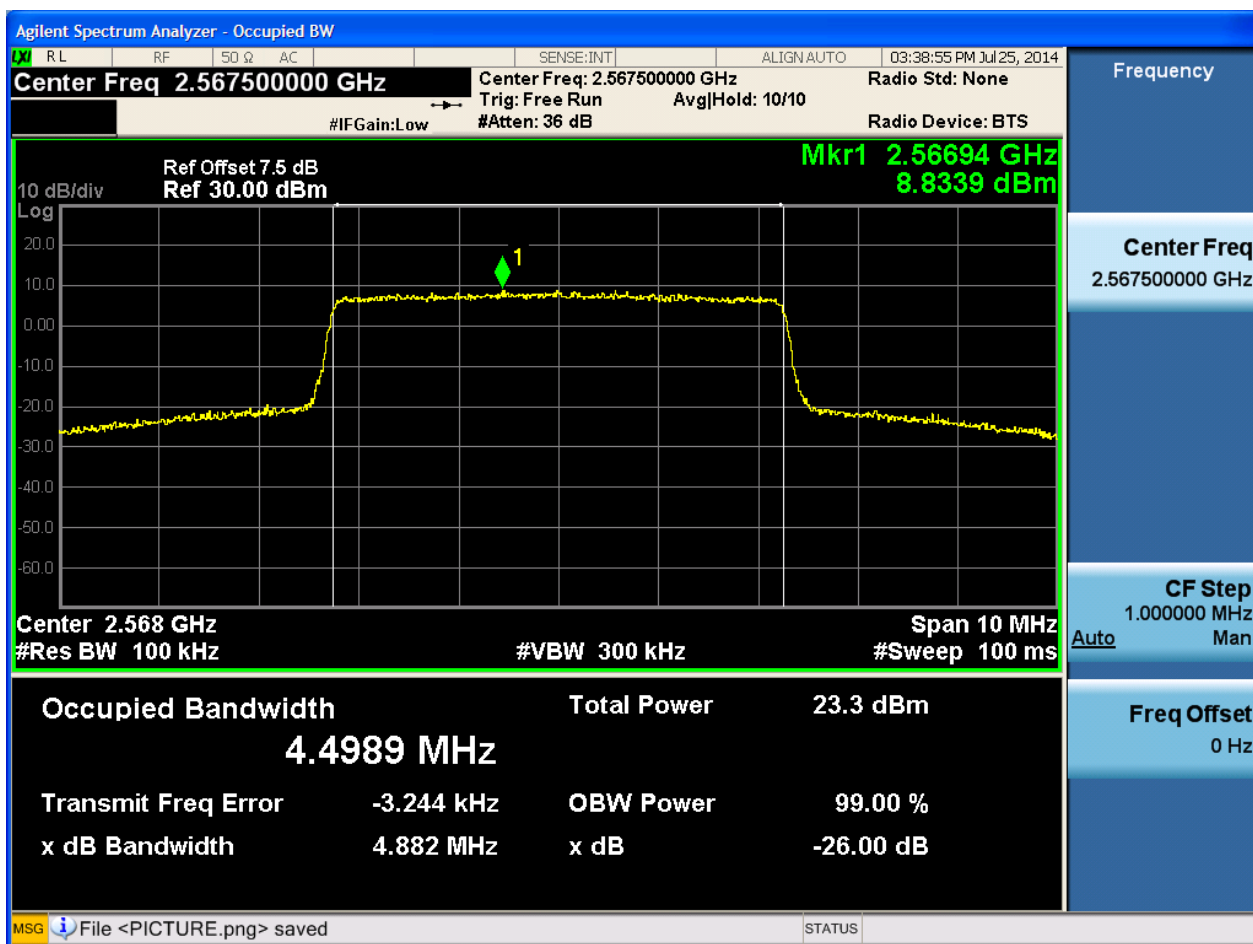
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

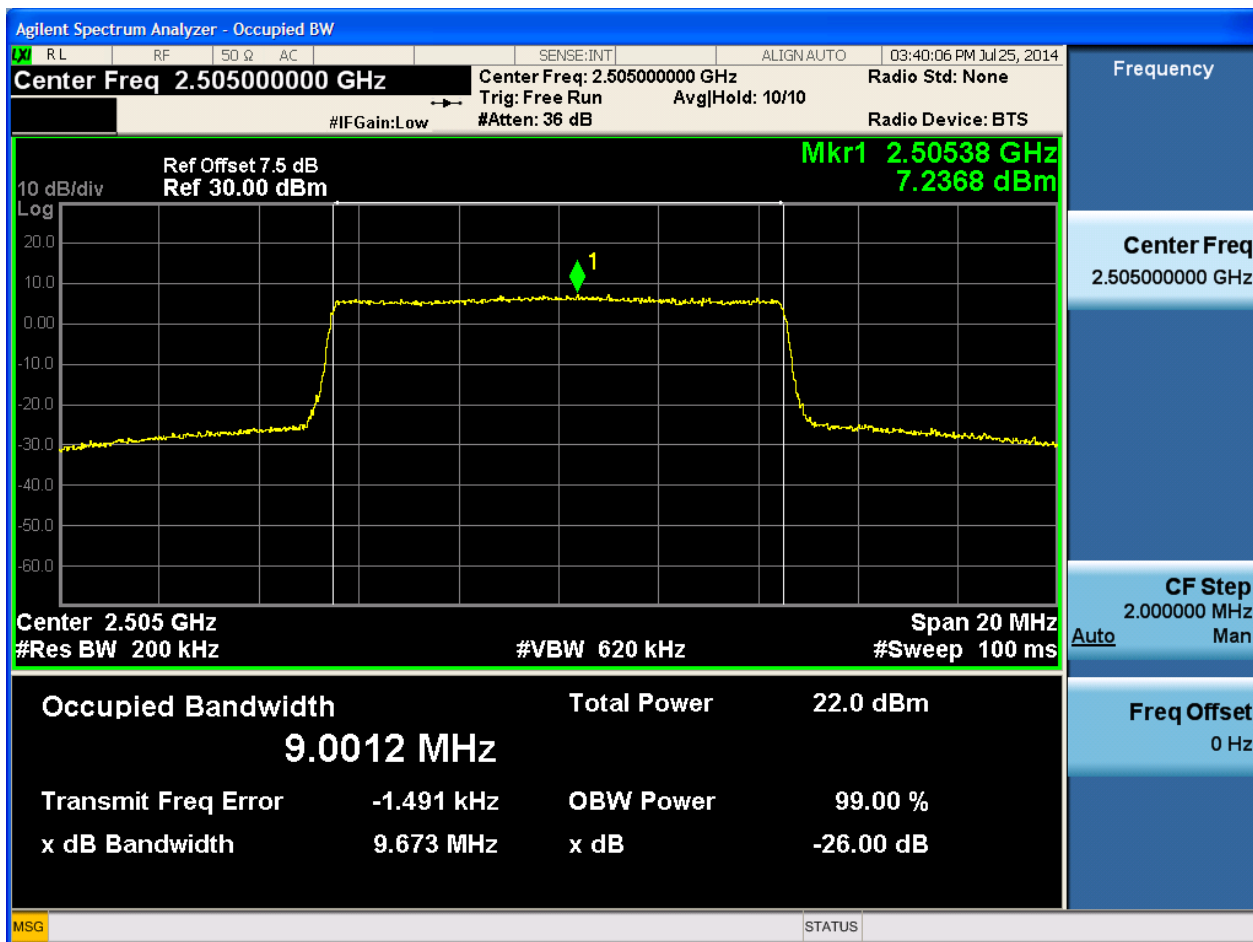




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

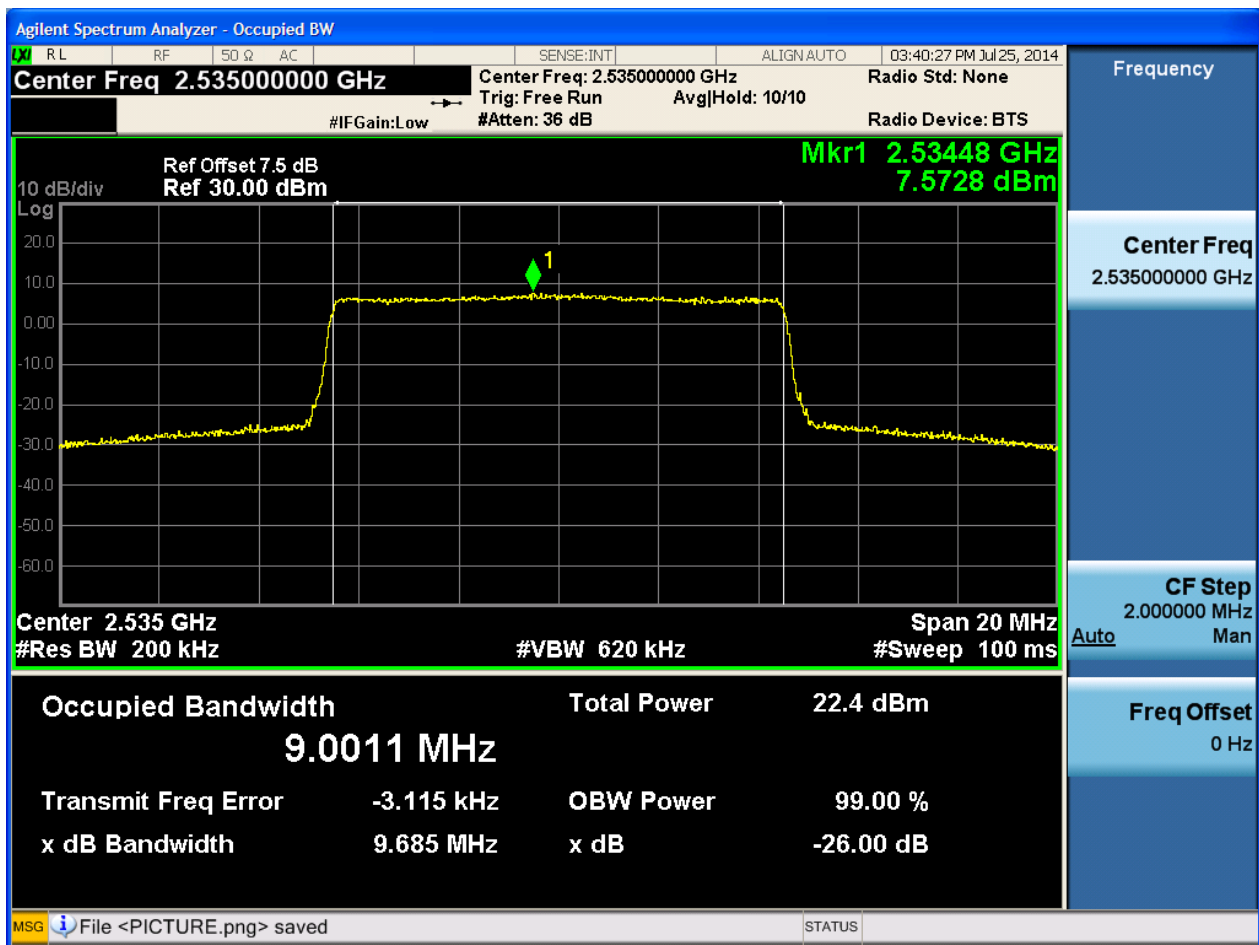
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

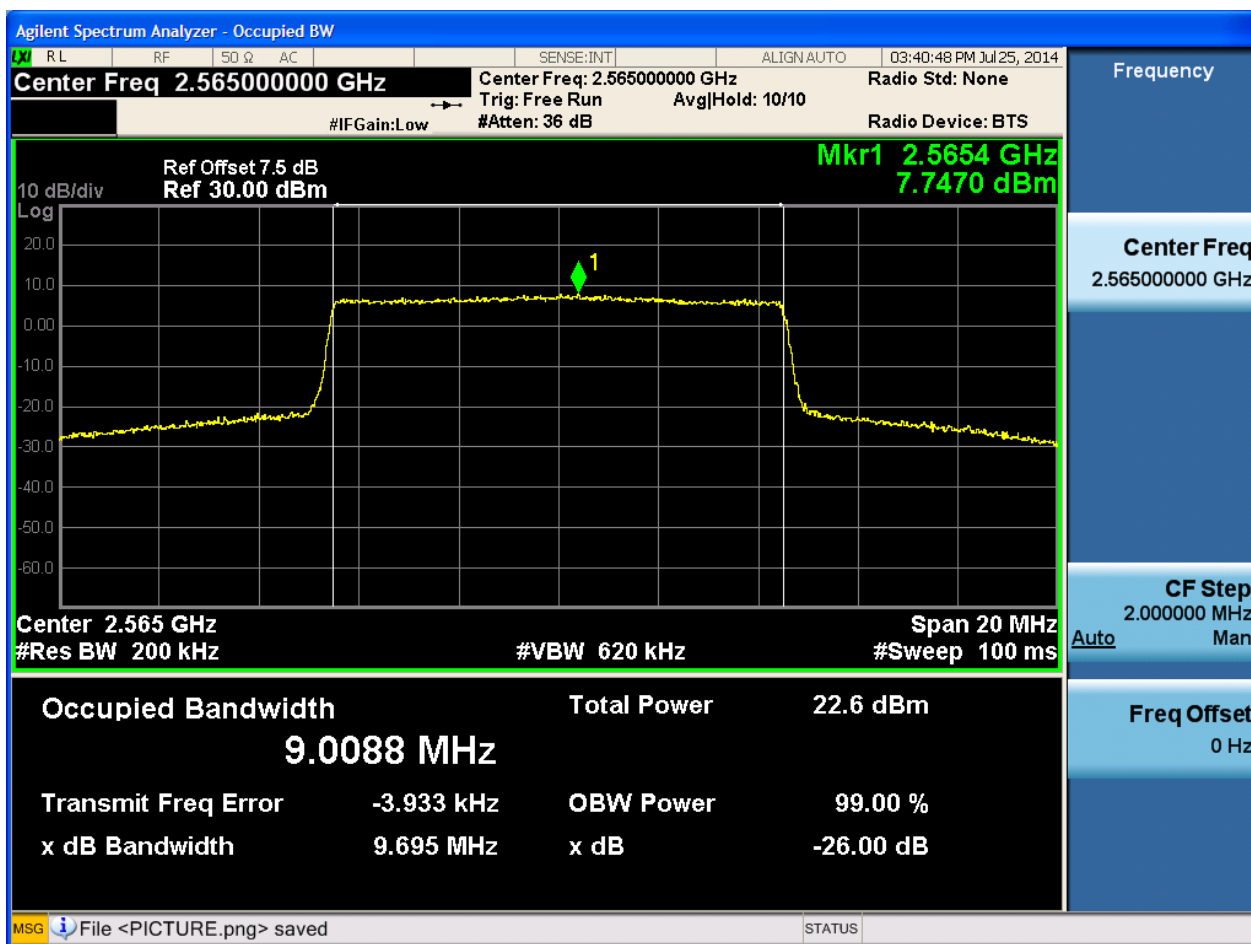
4.1.1.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

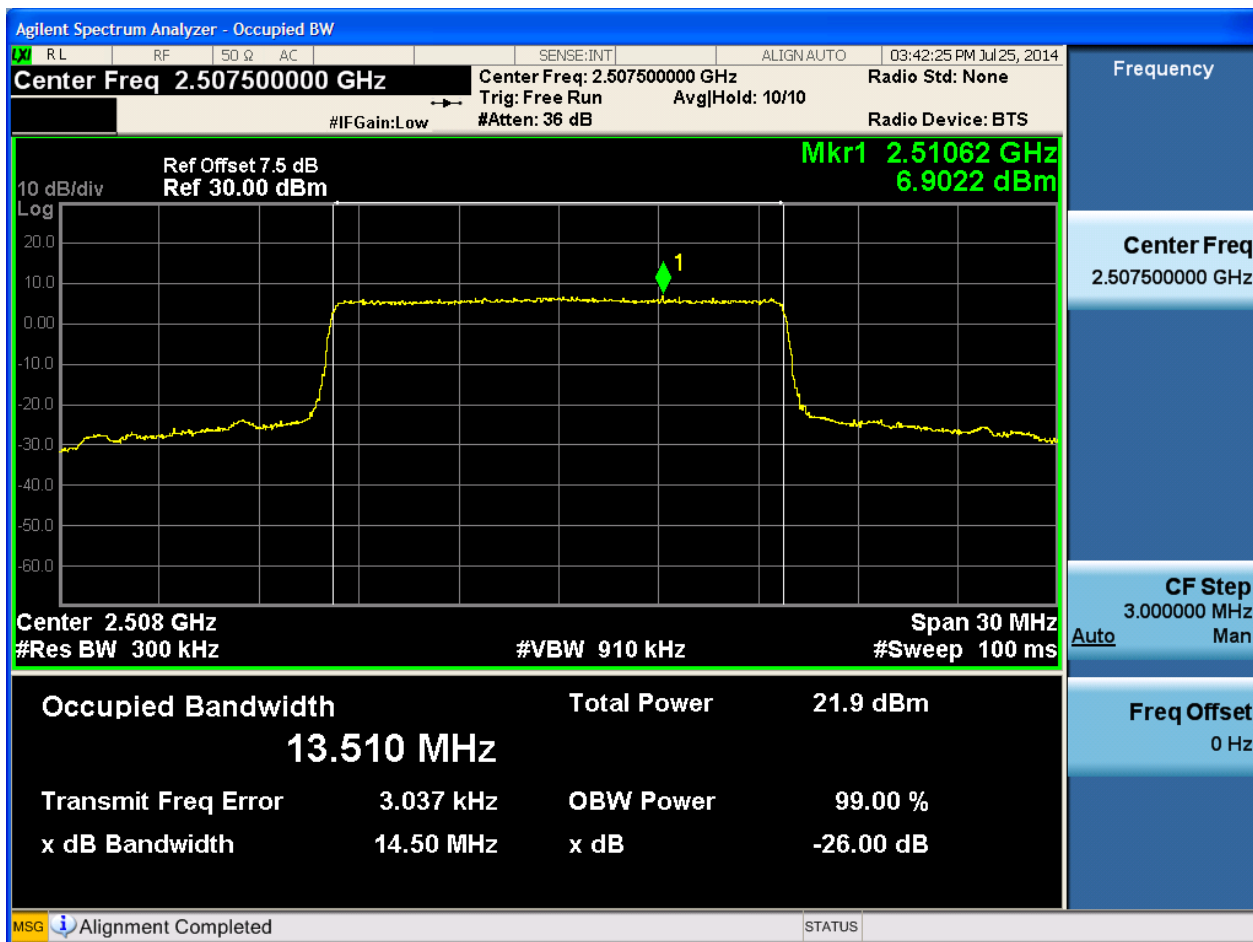




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

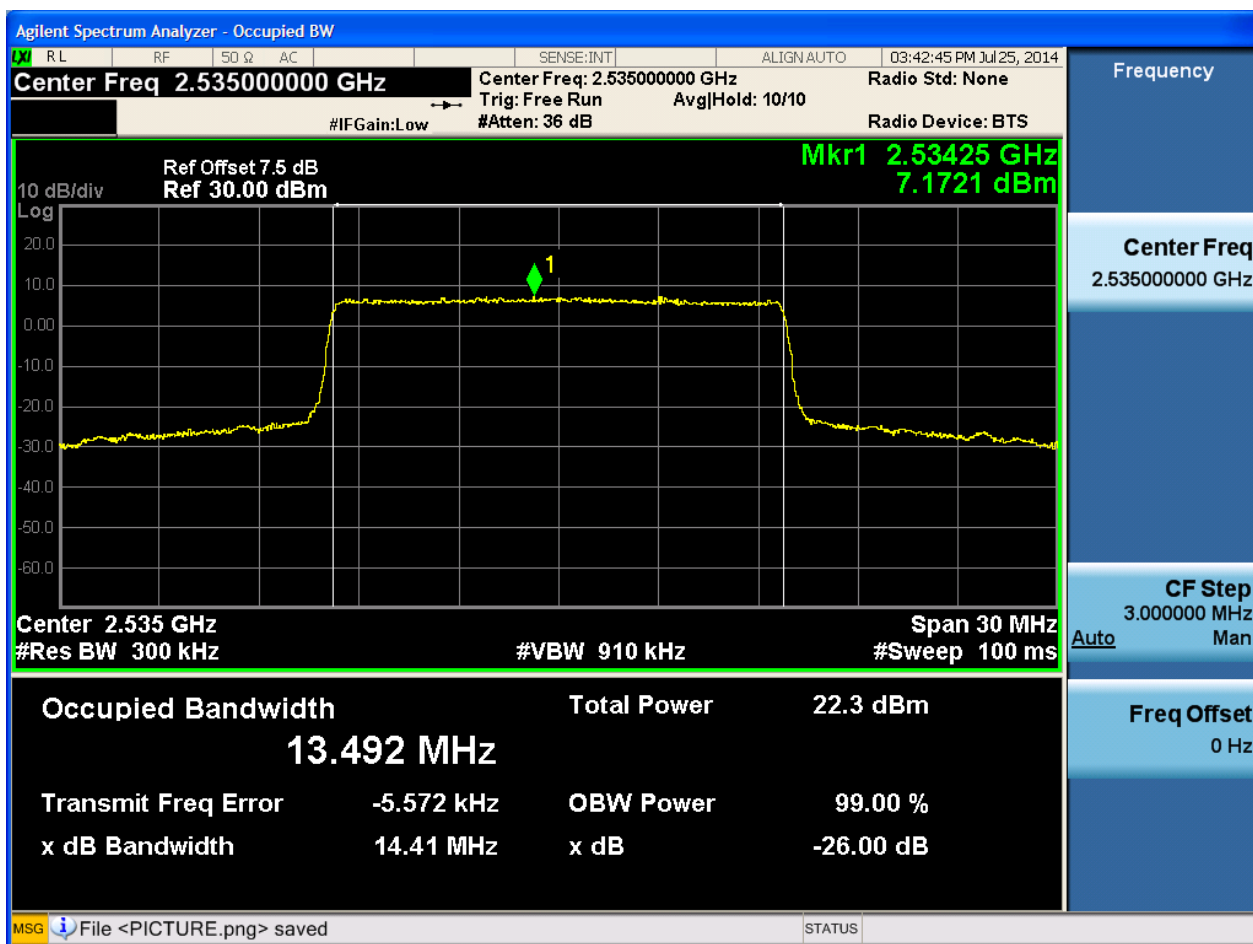
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

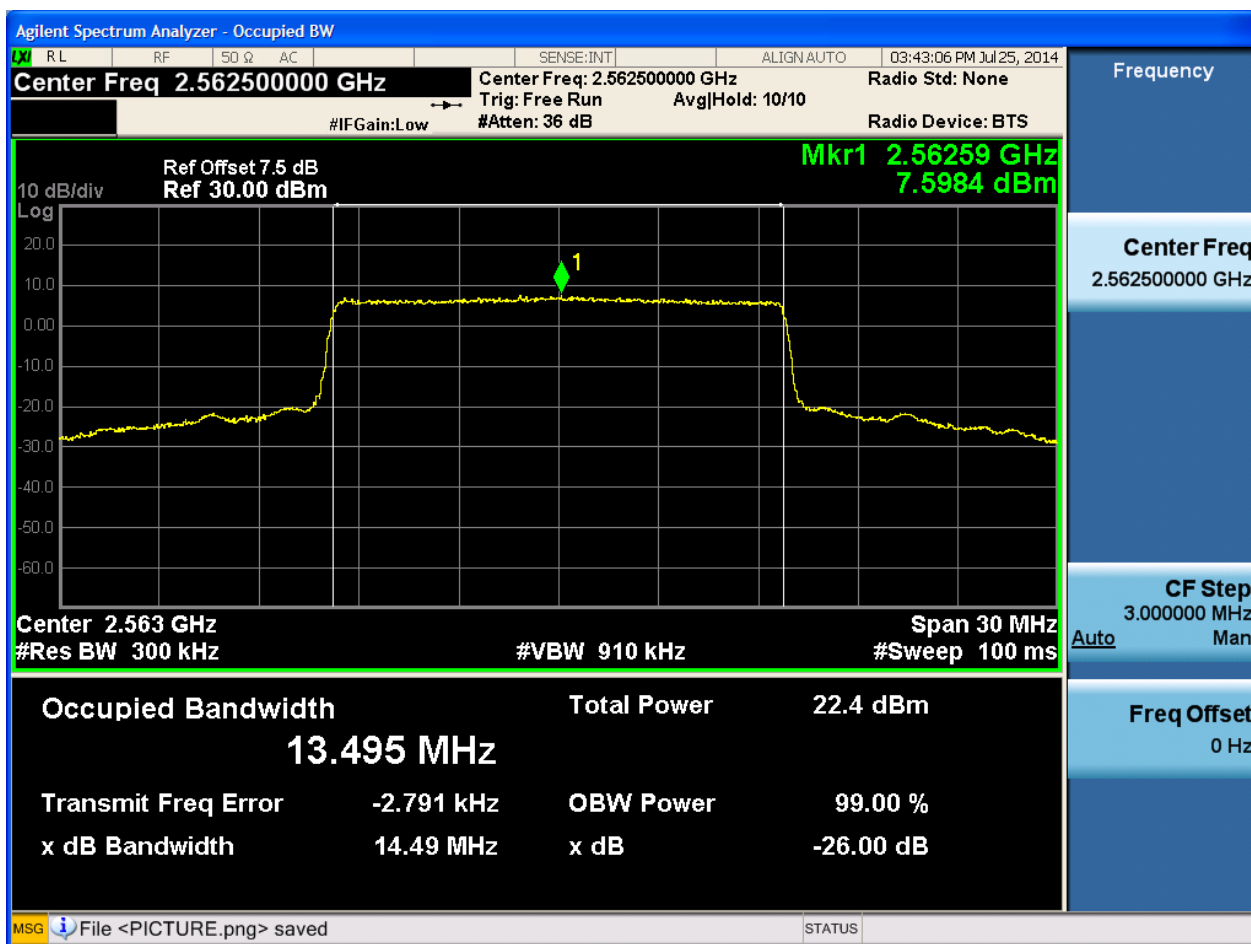
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

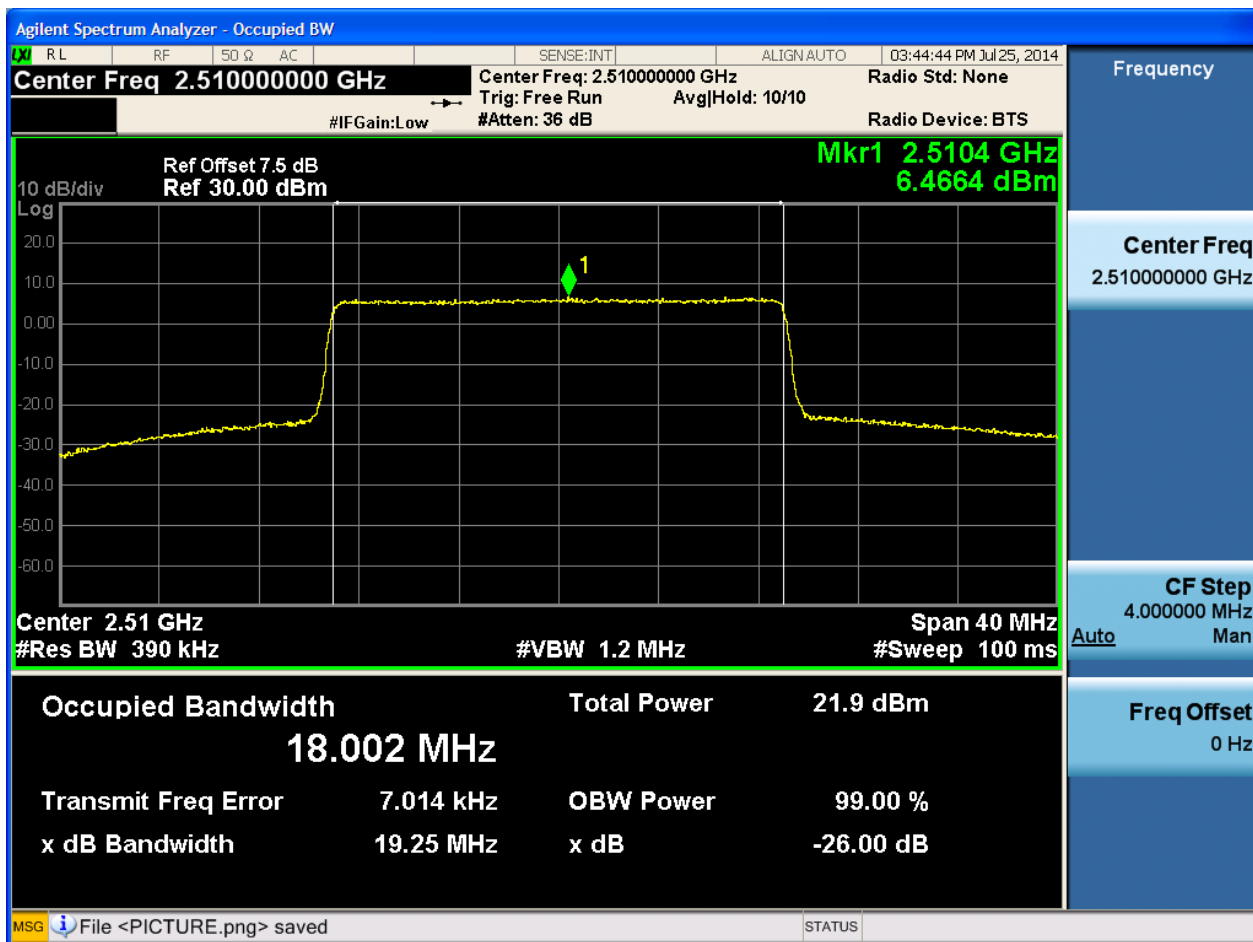




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

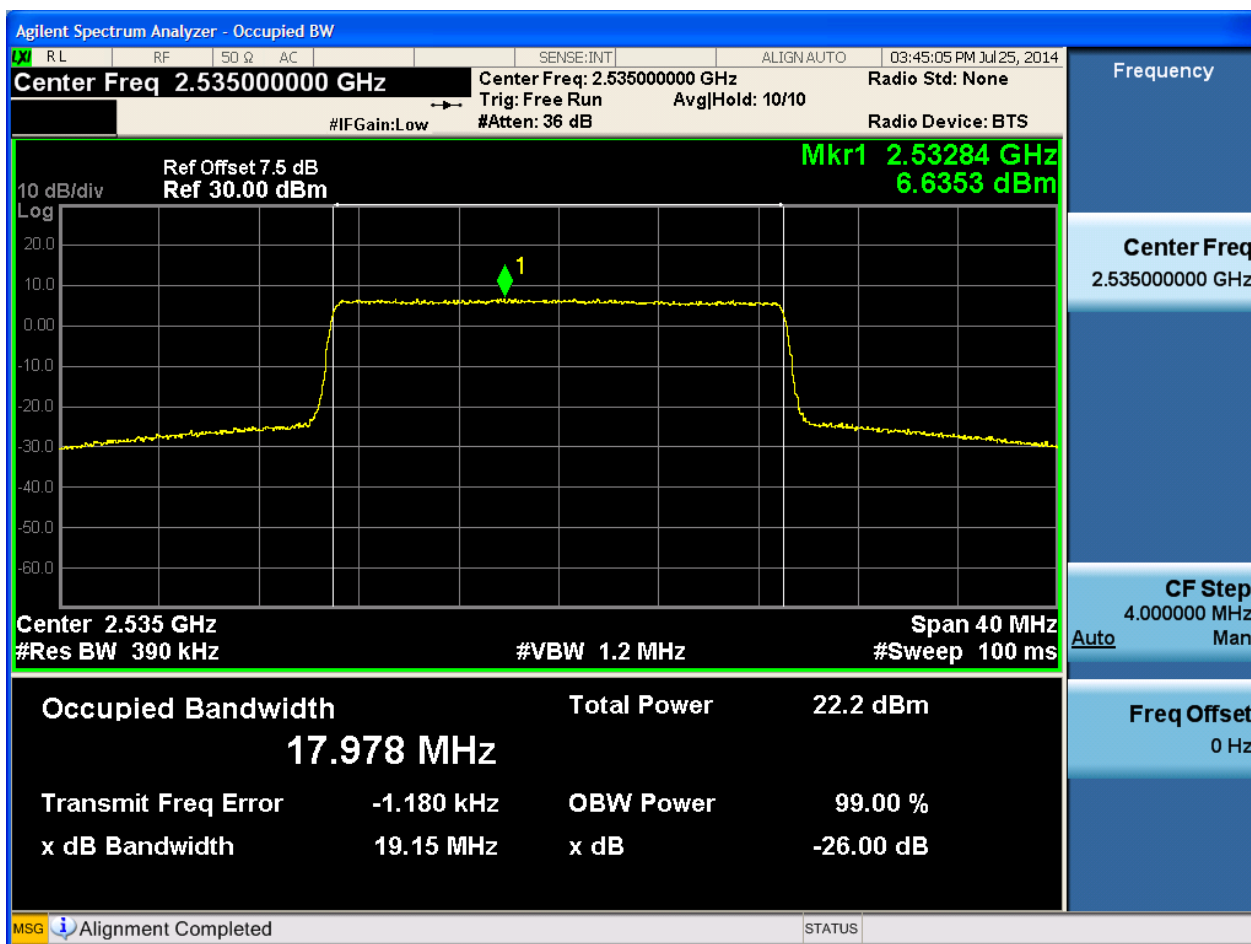
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

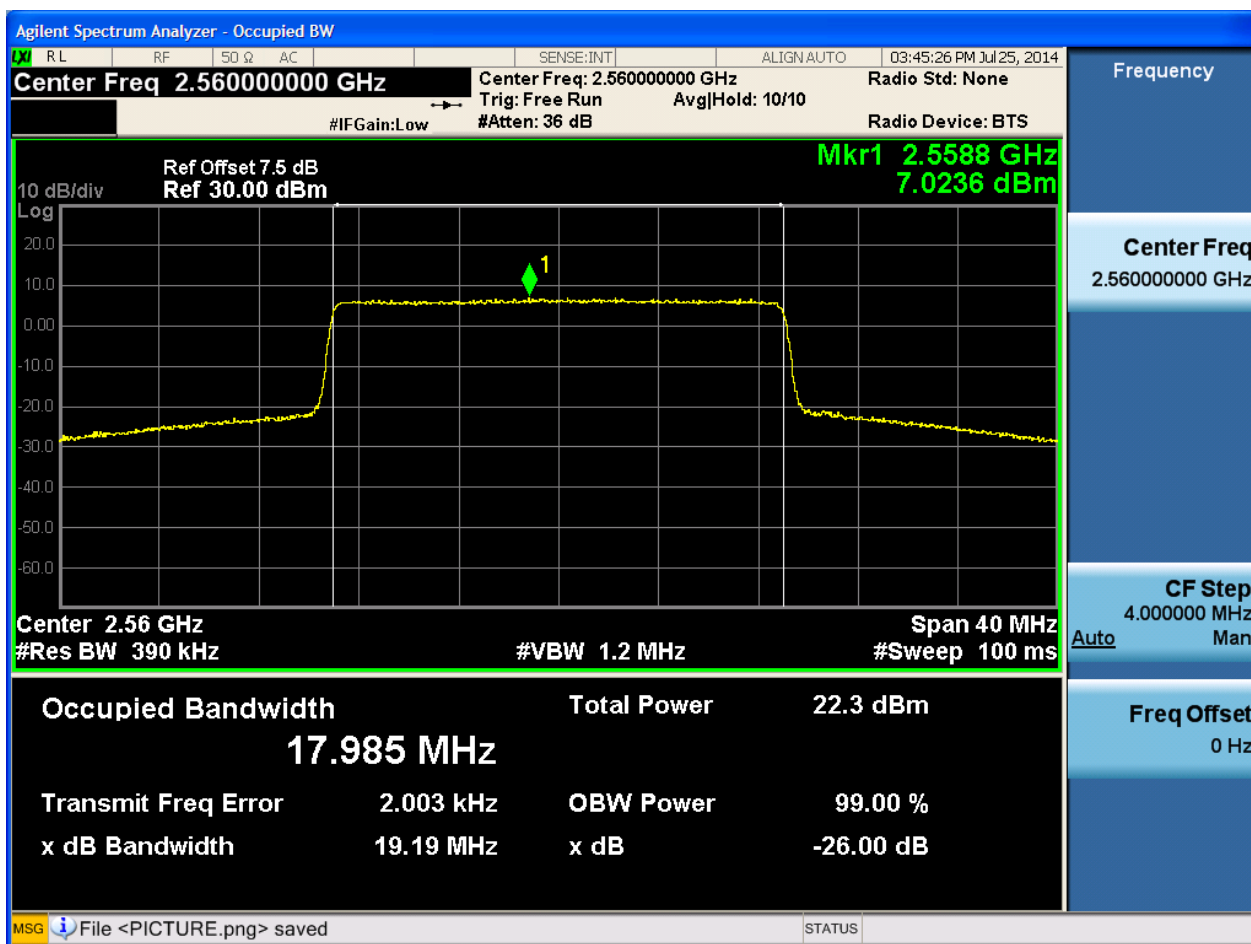
4.1.1.2.4.2.1 Test RB = RB100#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

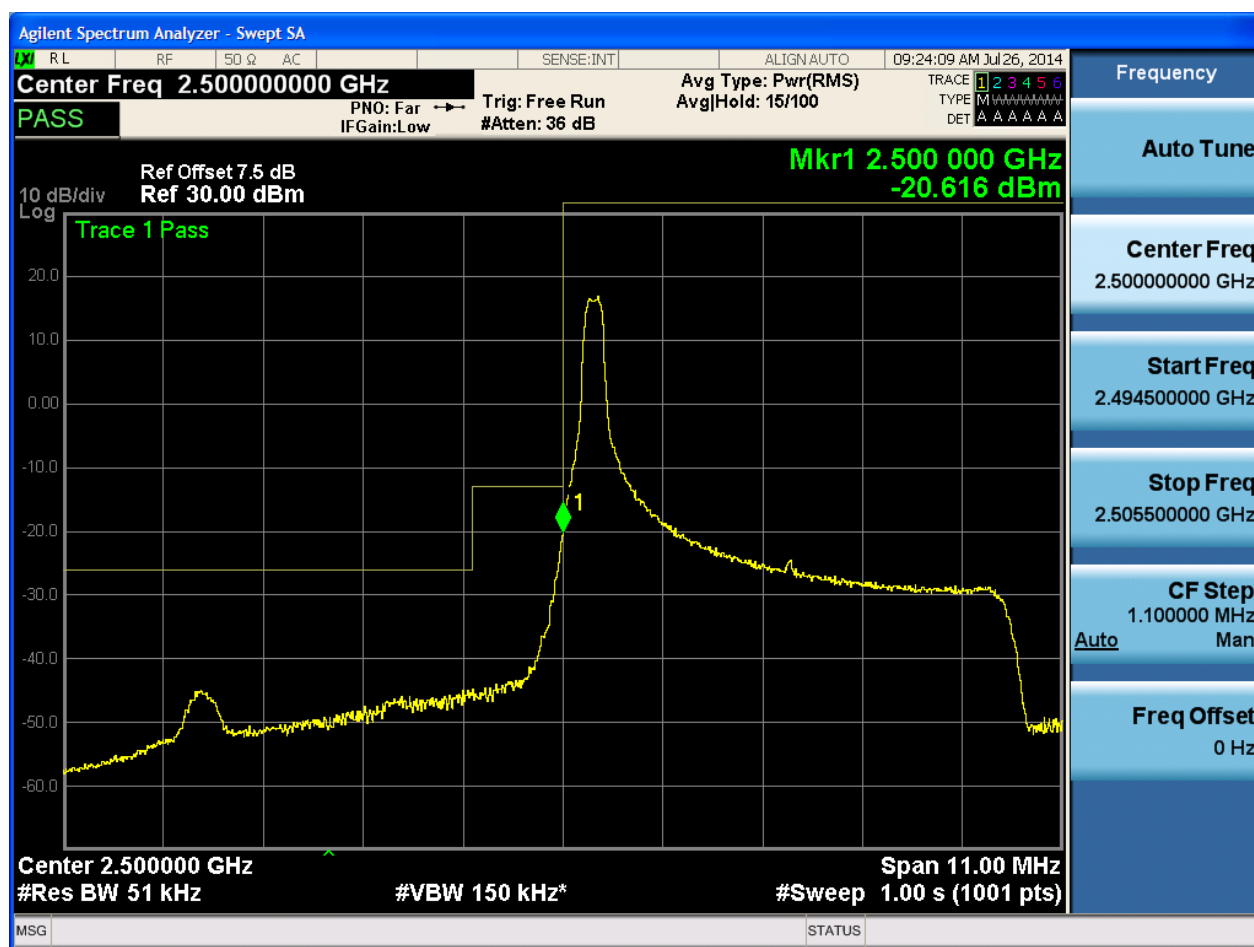
5.1.1 Test Band = BAND7

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

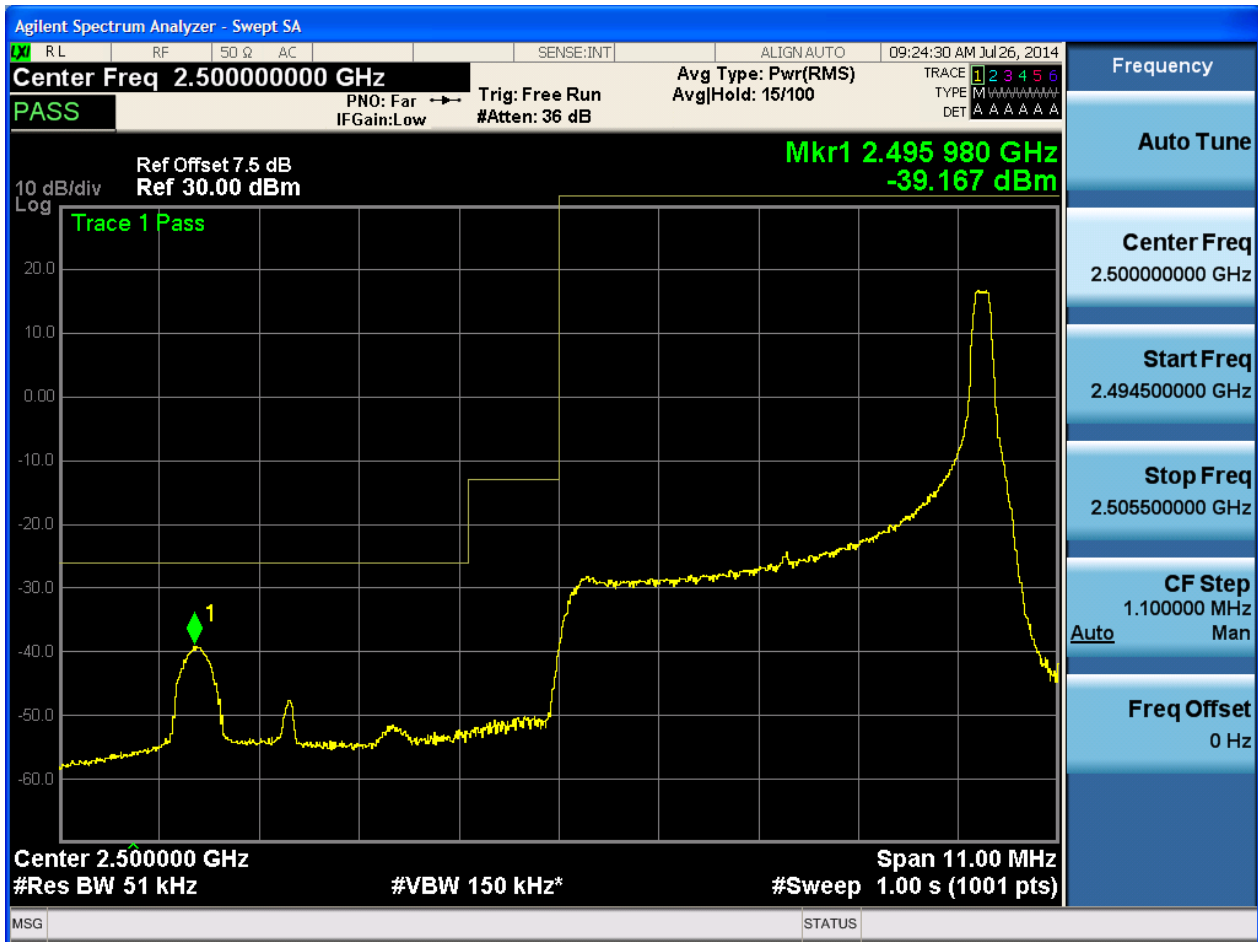
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#24





5.1.1.1.1.3 Test RB = RB12#6





5.1.1.1.1.4 Test RB = RB25#0





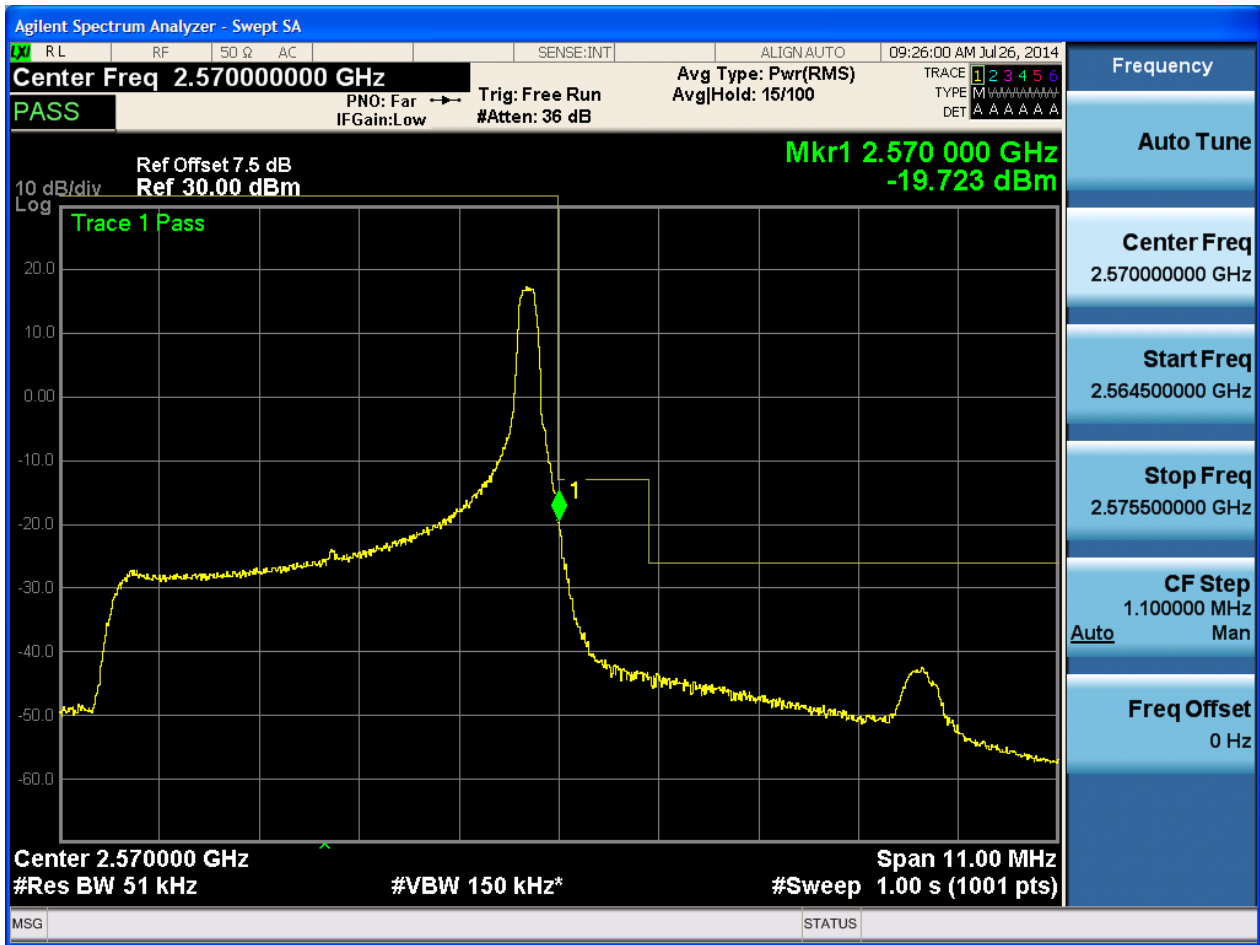
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.2.4 Test RB = RB25#0







5.1.1.1.2.1.2 Test RB = RB1#49



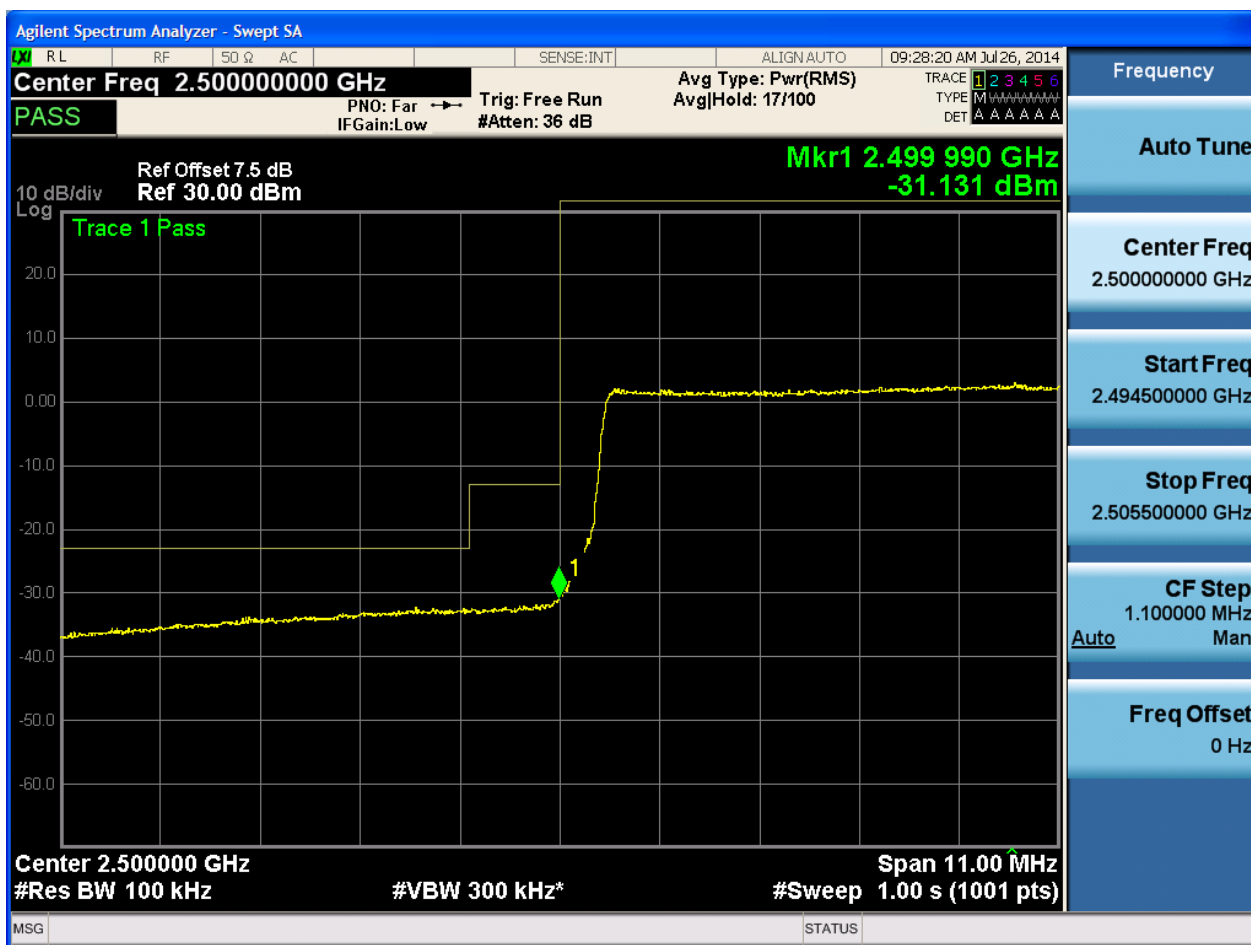


5.1.1.1.2.1.3 Test RB = RB25#13





5.1.1.1.2.1.4 Test RB = RB50#0





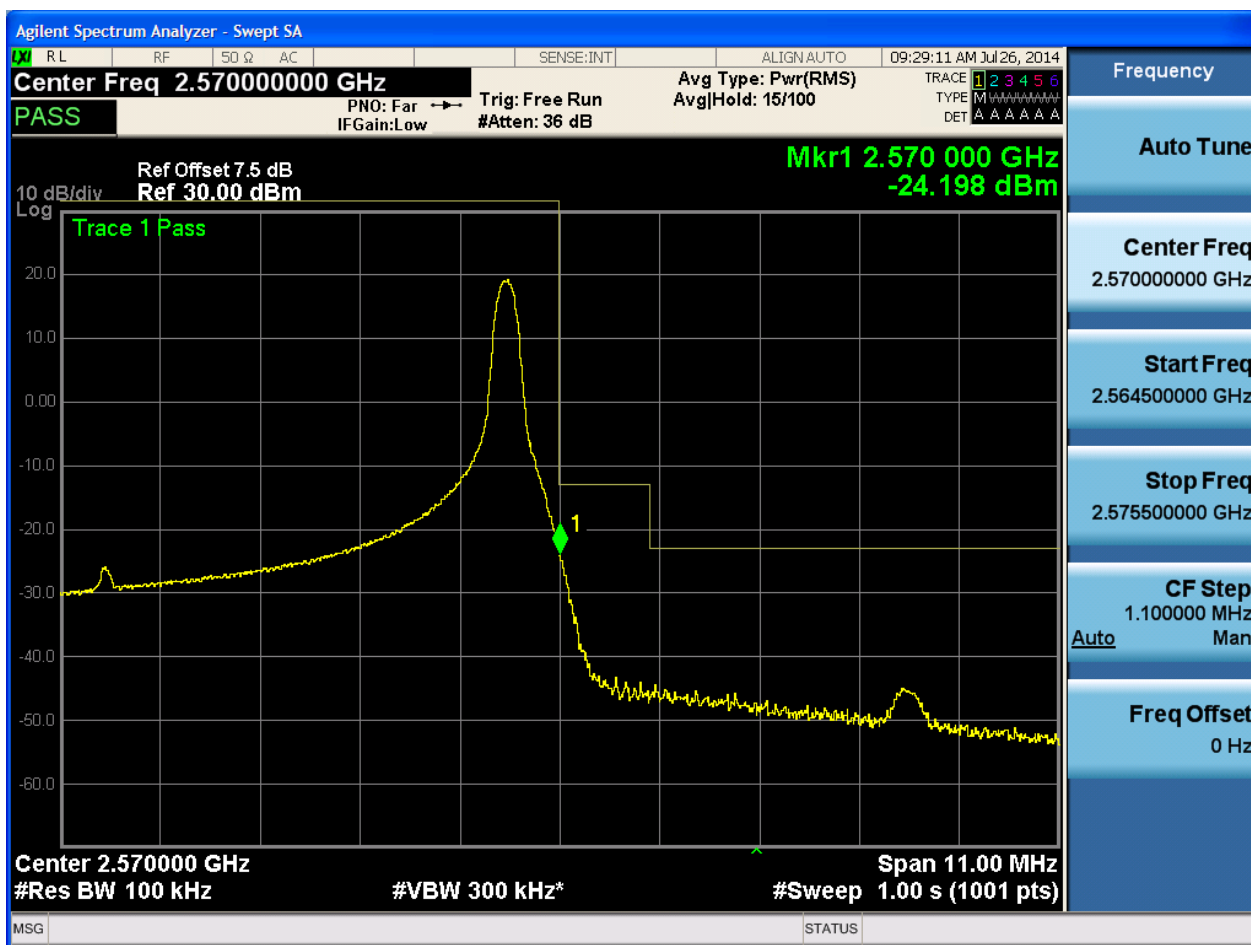
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0

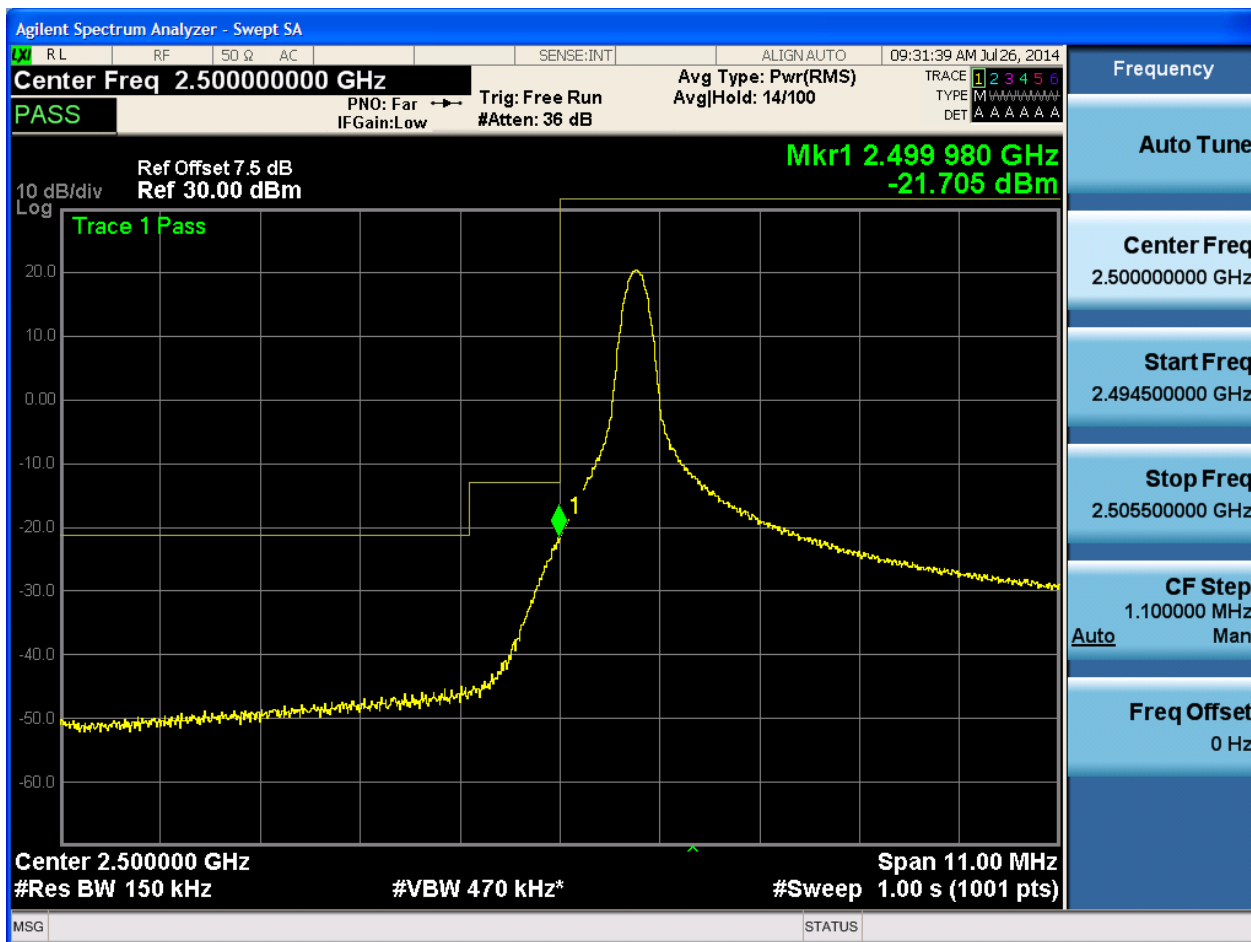




5.1.1.1.3 Test Bandwidth = 15

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.50000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.500 000 GHz
-42.940 dBm

Center 2.500000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 11.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.50000000 GHz

Start Freq
2.494500000 GHz

Stop Freq
2.505500000 GHz

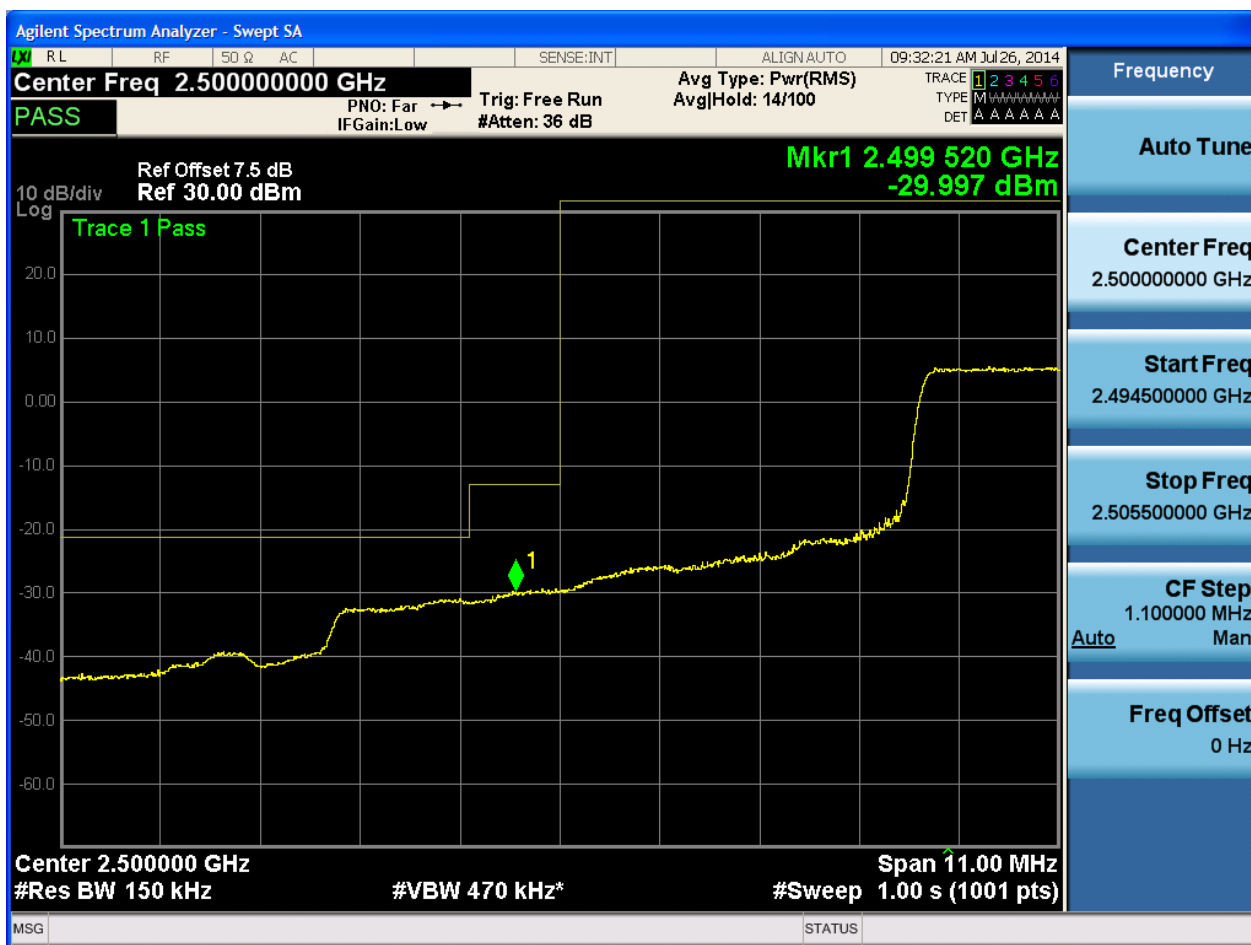
CF Step
1.100000 MHz
Man

Freq Offset
0 Hz

The screenshot displays a spectrum analyzer interface. The main plot area shows a frequency sweep from 2.4945 GHz to 2.5055 GHz. The y-axis represents power in dBm, ranging from -60 to 20. A yellow trace shows a flat baseline at approximately -55 dBm, followed by a sharp rise to a peak at 2.500 GHz, which is marked with a green diamond and labeled 'Mkr1 2.500 000 GHz -42.940 dBm'. The peak power is approximately -35 dBm. The plot is labeled 'Trace 1 Pass'. The top status bar shows 'Center Freq 2.50000000 GHz', 'Ref Offset 7.5 dB', 'Ref 30.00 dBm', 'Trig: Free Run', and '#Atten: 36 dB'. The bottom status bar shows 'Center 2.500000 GHz', '#Res BW 150 kHz', '#VBW 470 kHz*', 'Span 11.00 MHz', and '#Sweep 1.00 s (1001 pts)'. The right sidebar contains various settings: 'Frequency', 'Auto Tune', 'Center Freq 2.50000000 GHz', 'Start Freq 2.494500000 GHz', 'Stop Freq 2.505500000 GHz', 'CF Step 1.100000 MHz Man', and 'Freq Offset 0 Hz'.

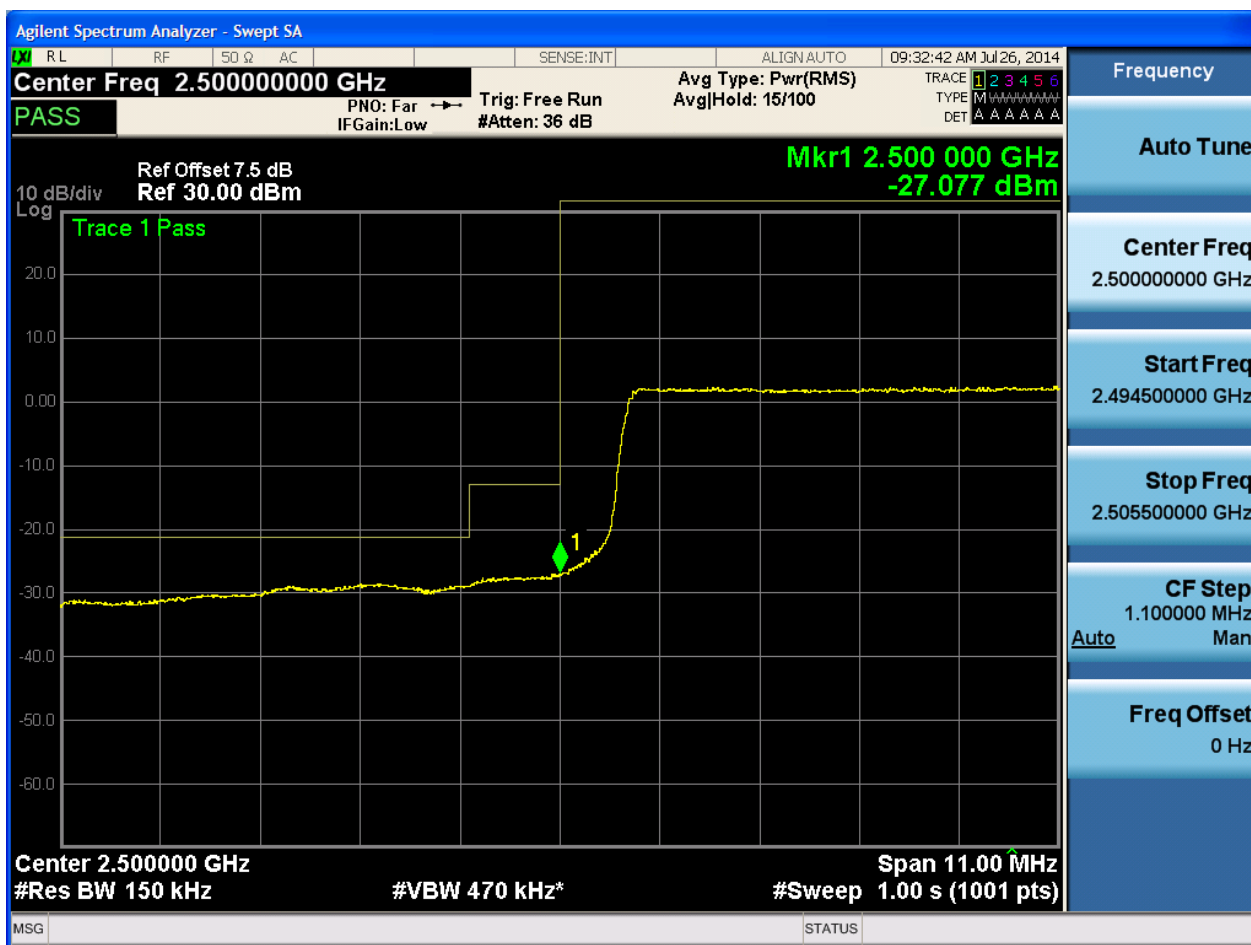


5.1.1.1.3.1.3 Test RB = RB36#18





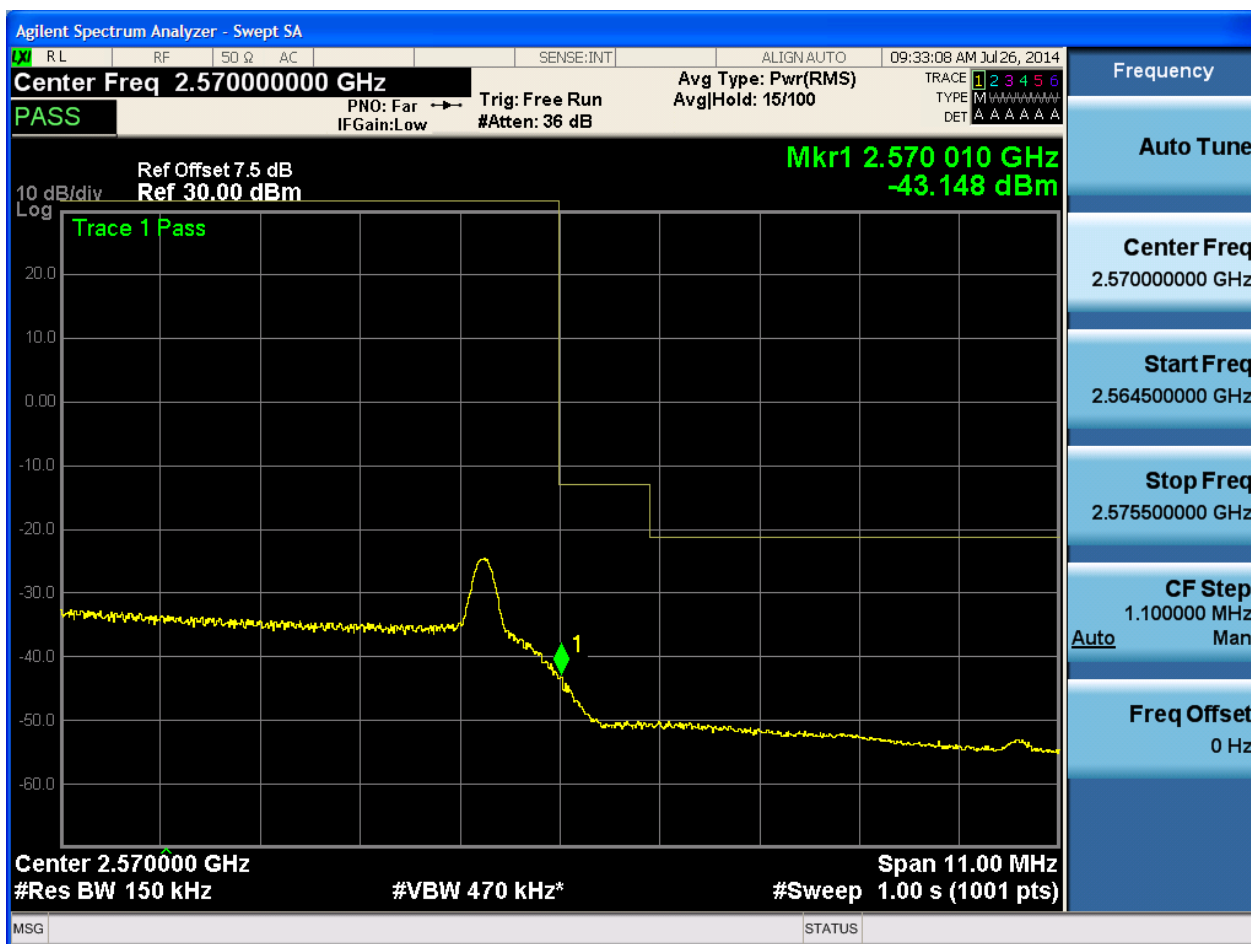
5.1.1.1.3.1.4 Test RB = RB75#0





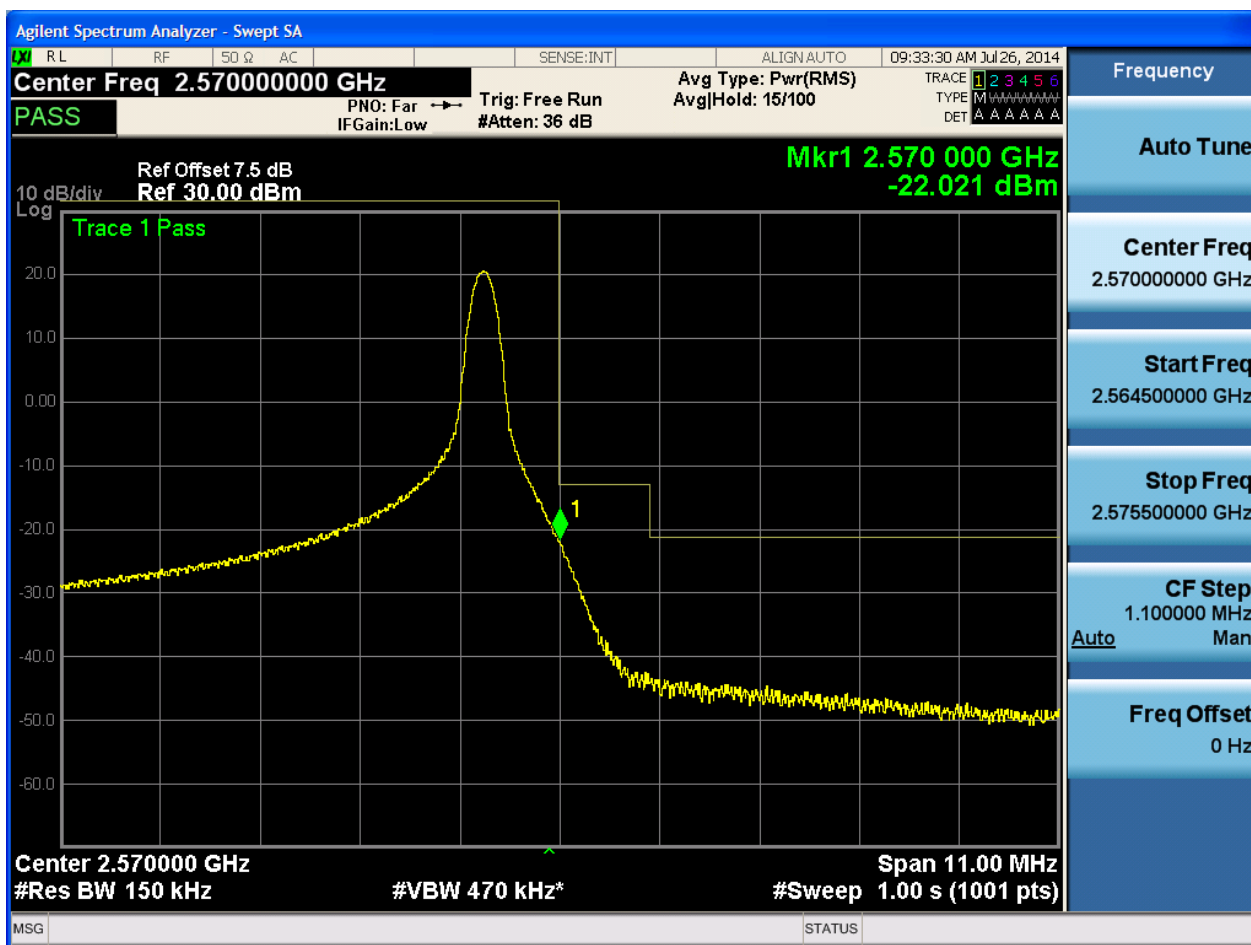
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#74





5.1.1.1.3.2.3 Test RB = RB36#18





5.1.1.1.3.2.4 Test RB = RB75#0

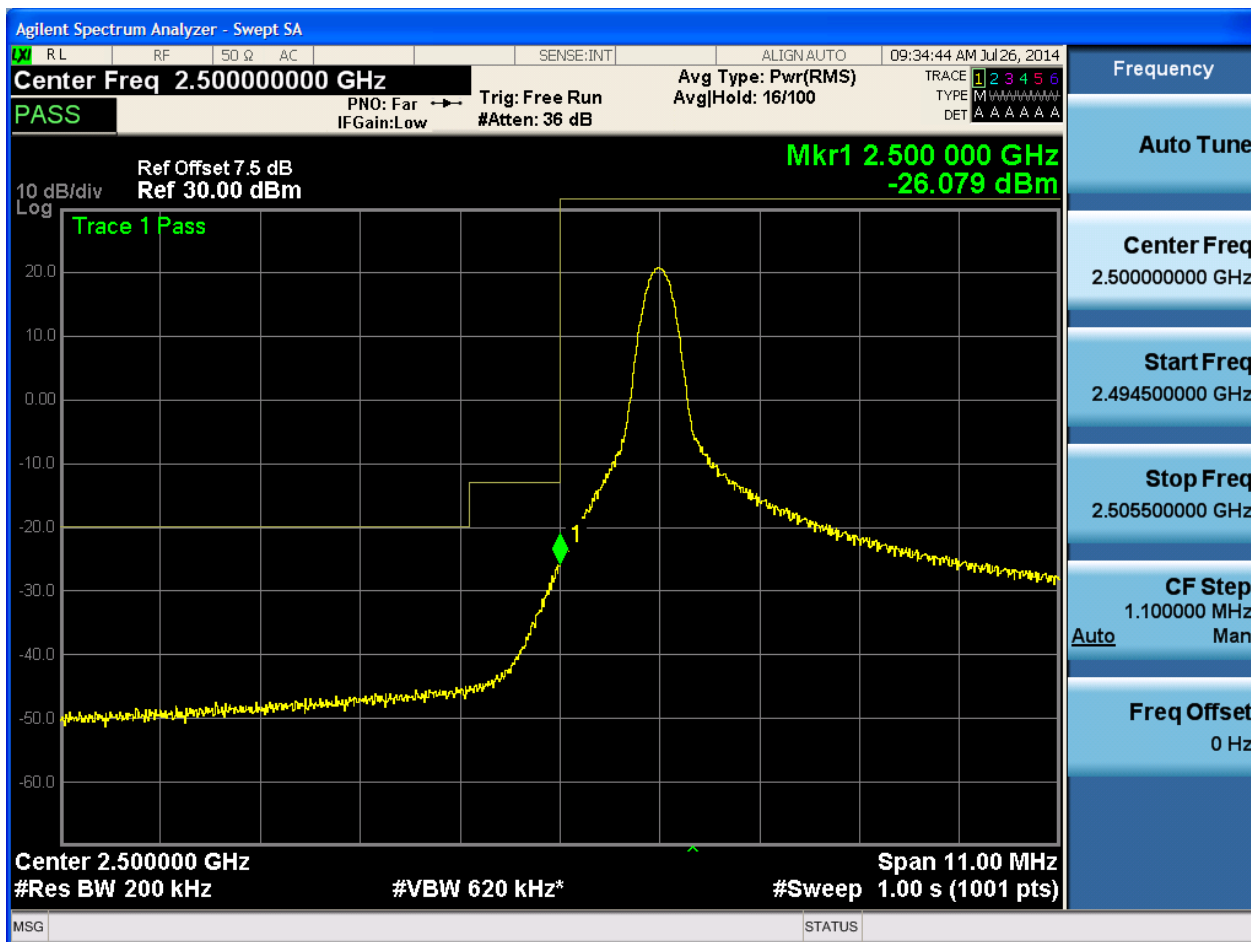




5.1.1.1.4 Test Bandwidth = 20

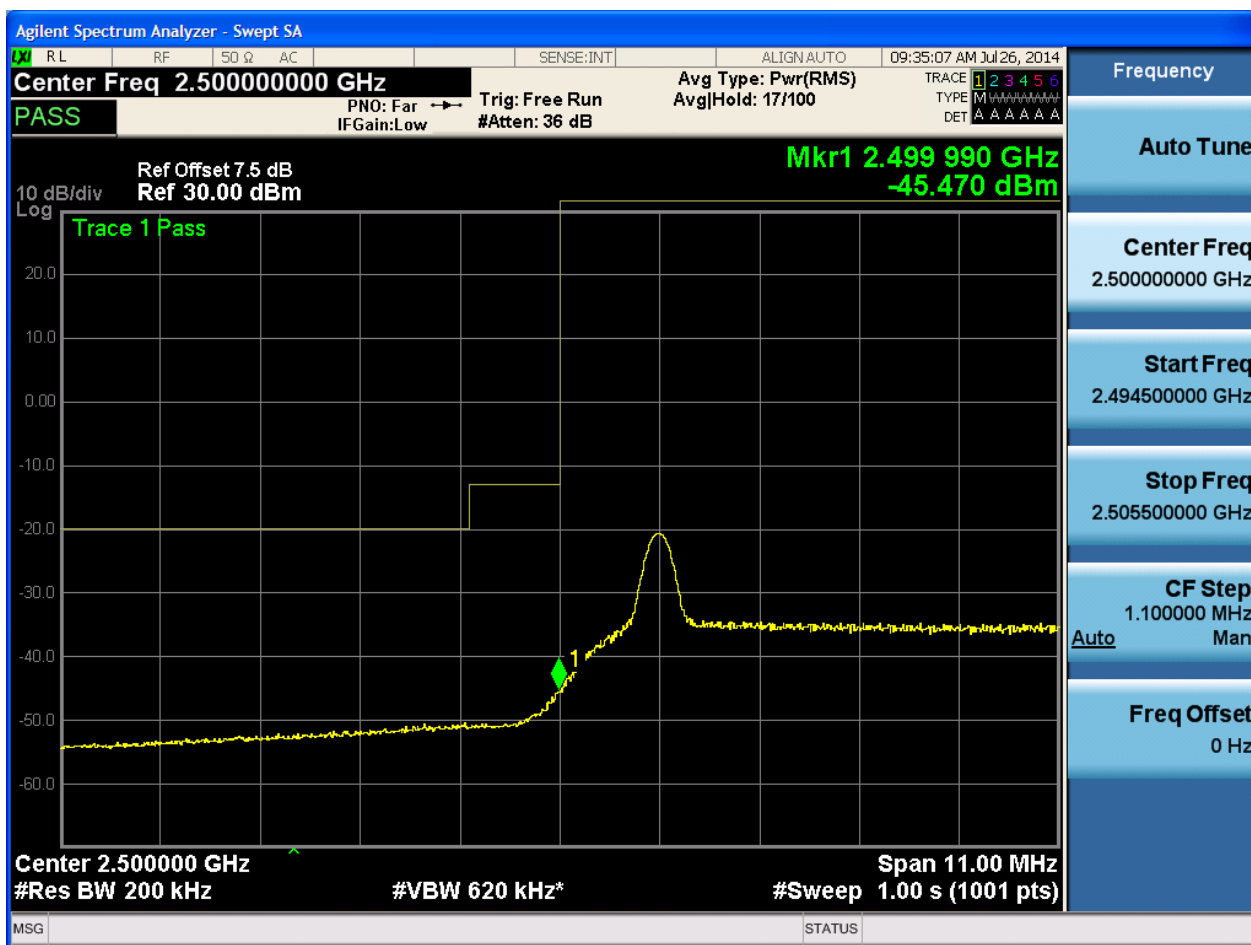
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#99



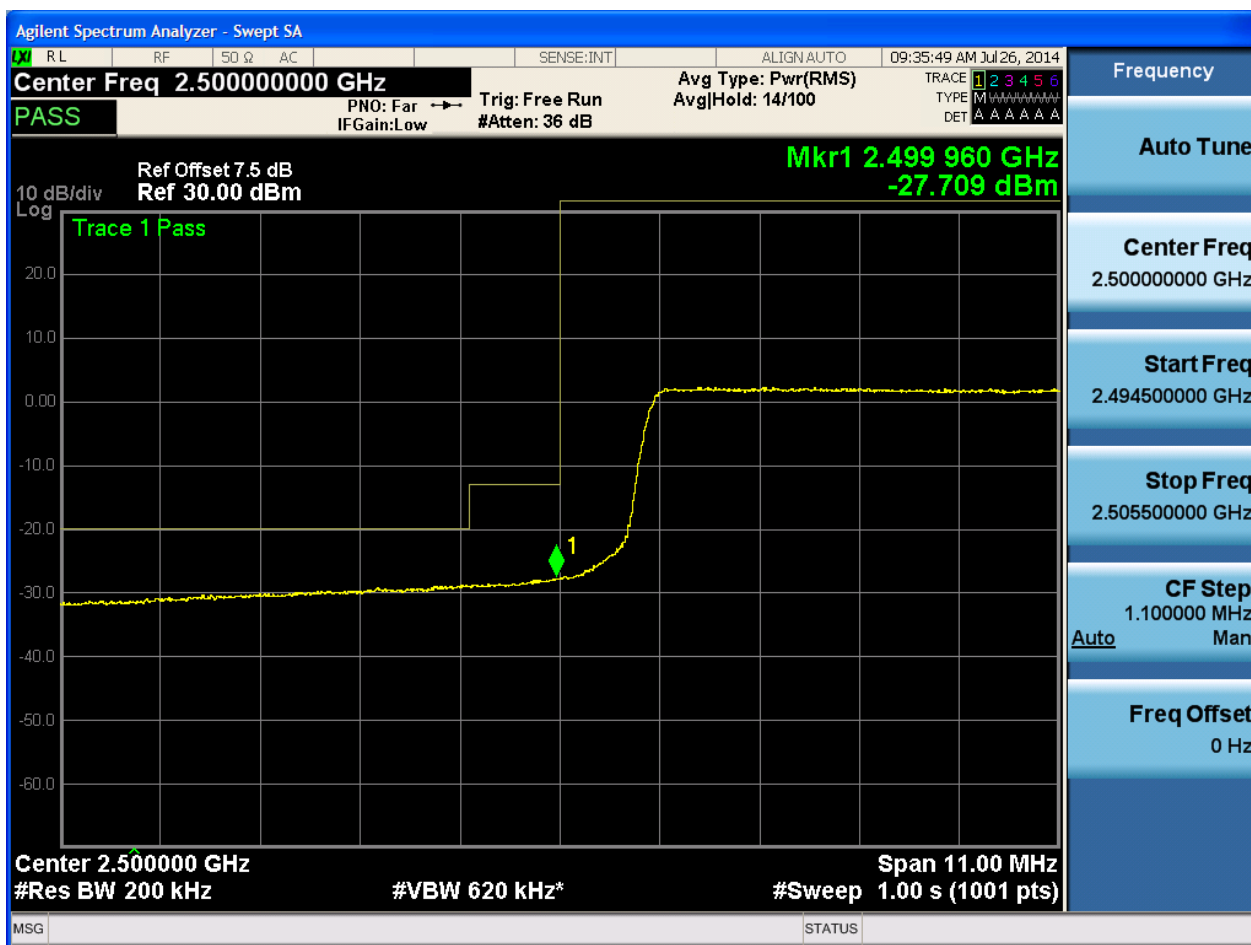


5.1.1.1.4.1.3 Test RB = RB50#25





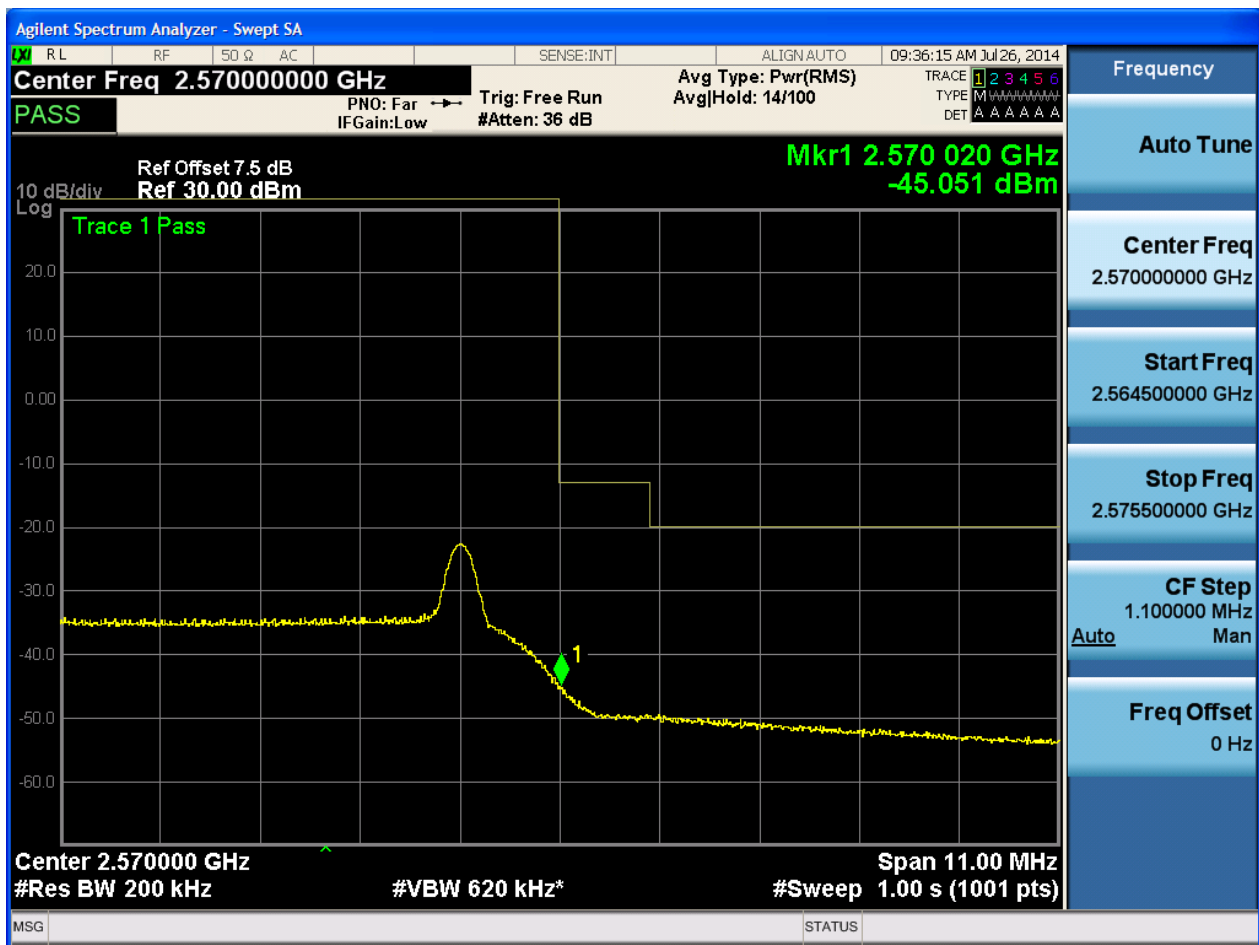
5.1.1.1.4.1.4 Test RB = RB100#0





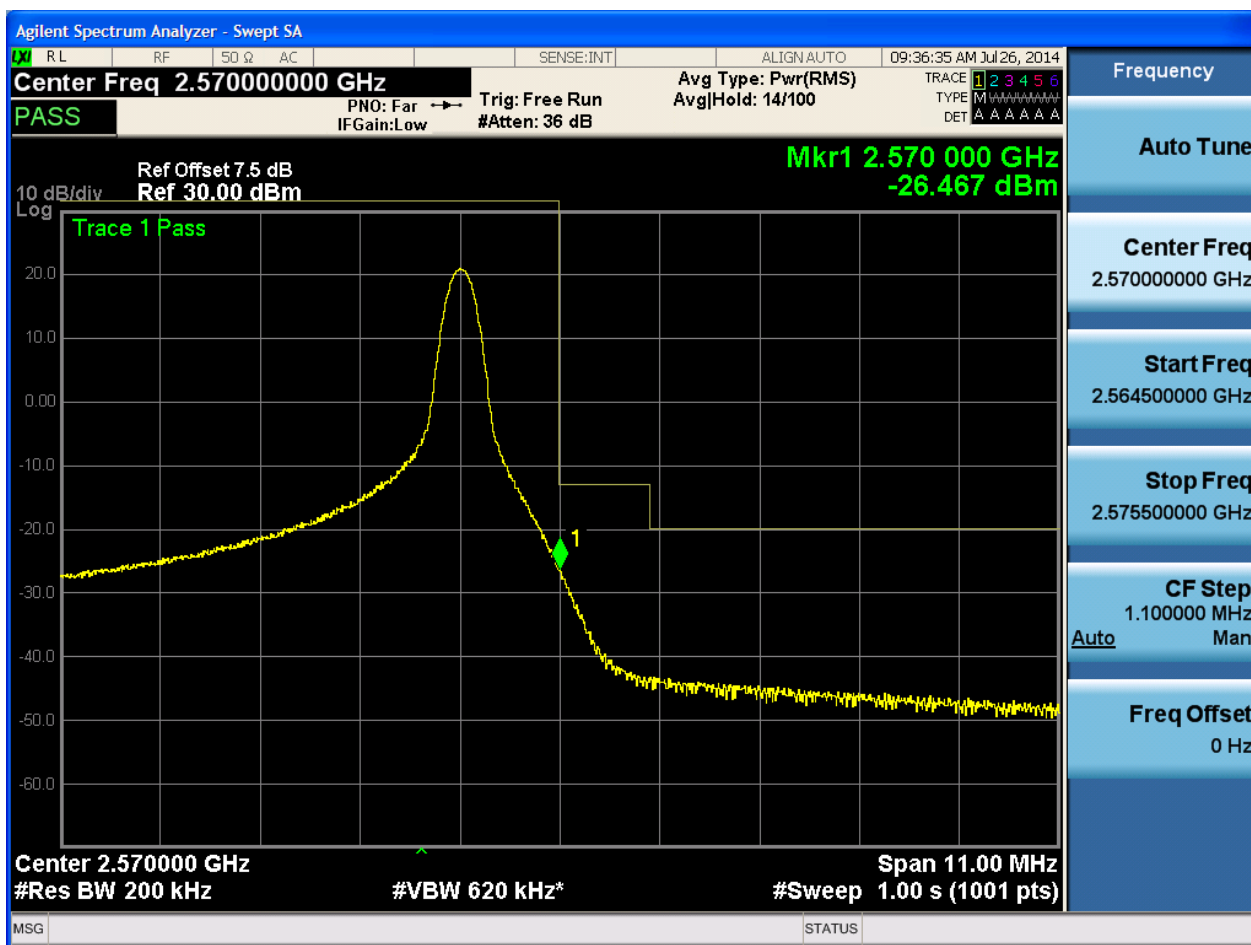
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



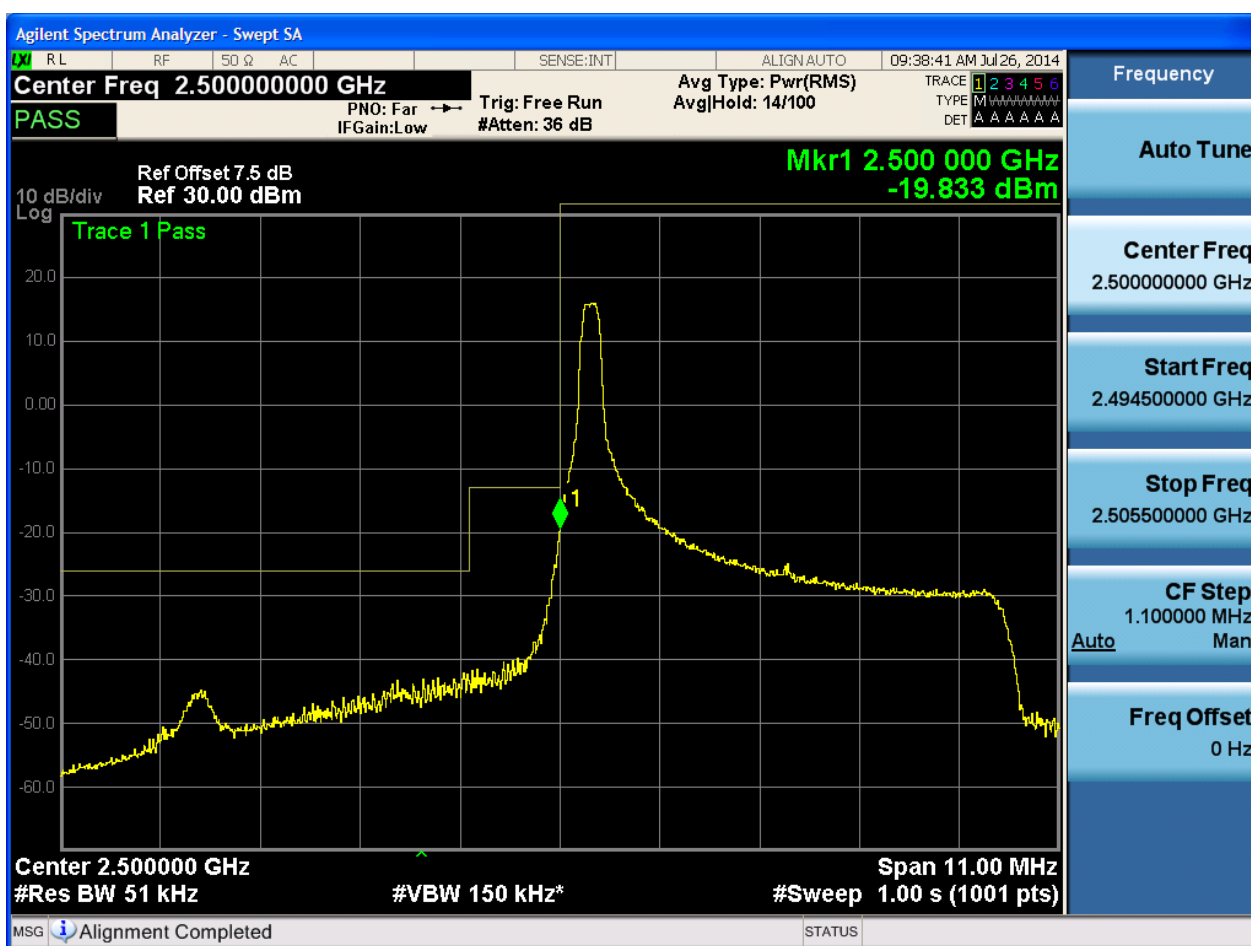


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

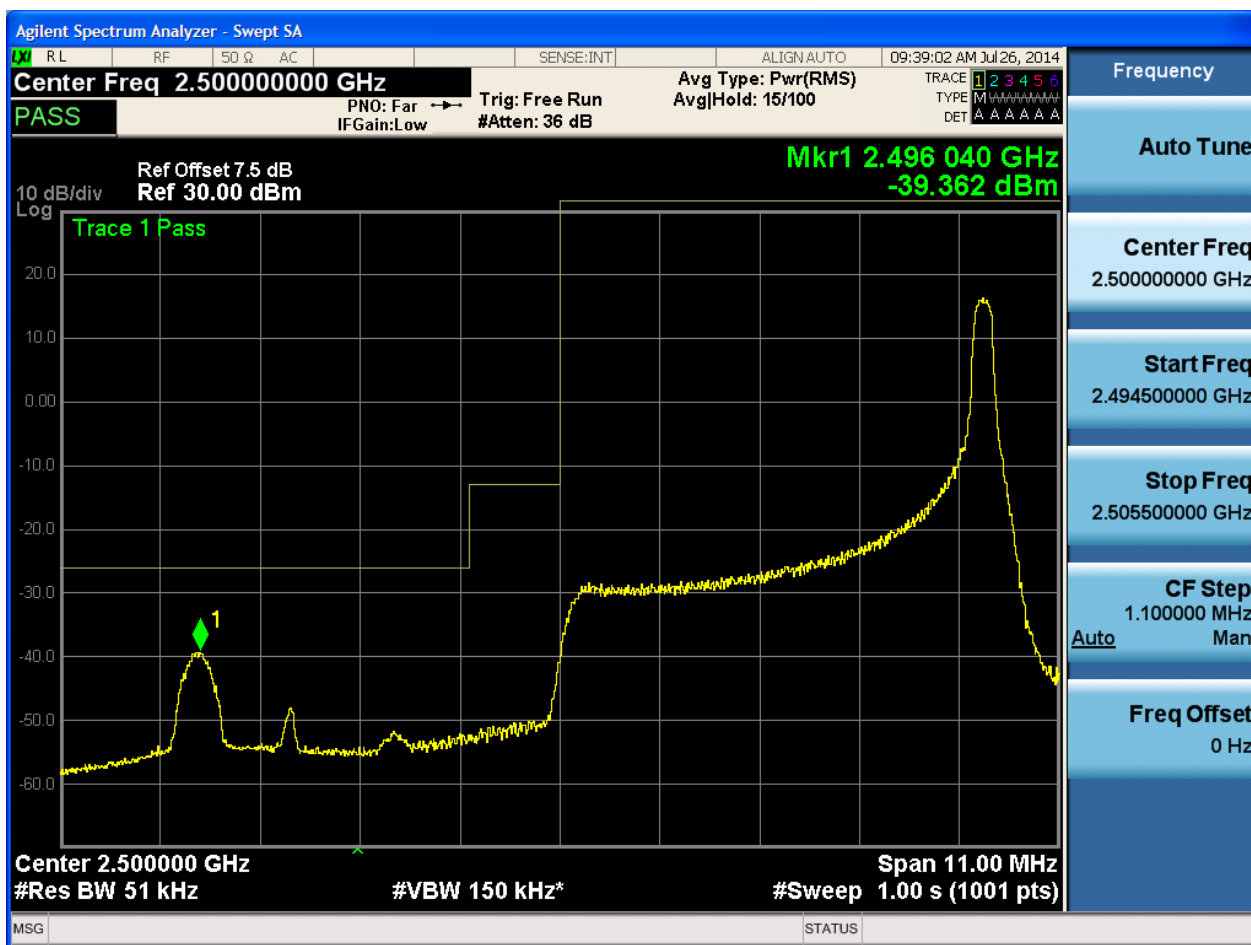
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



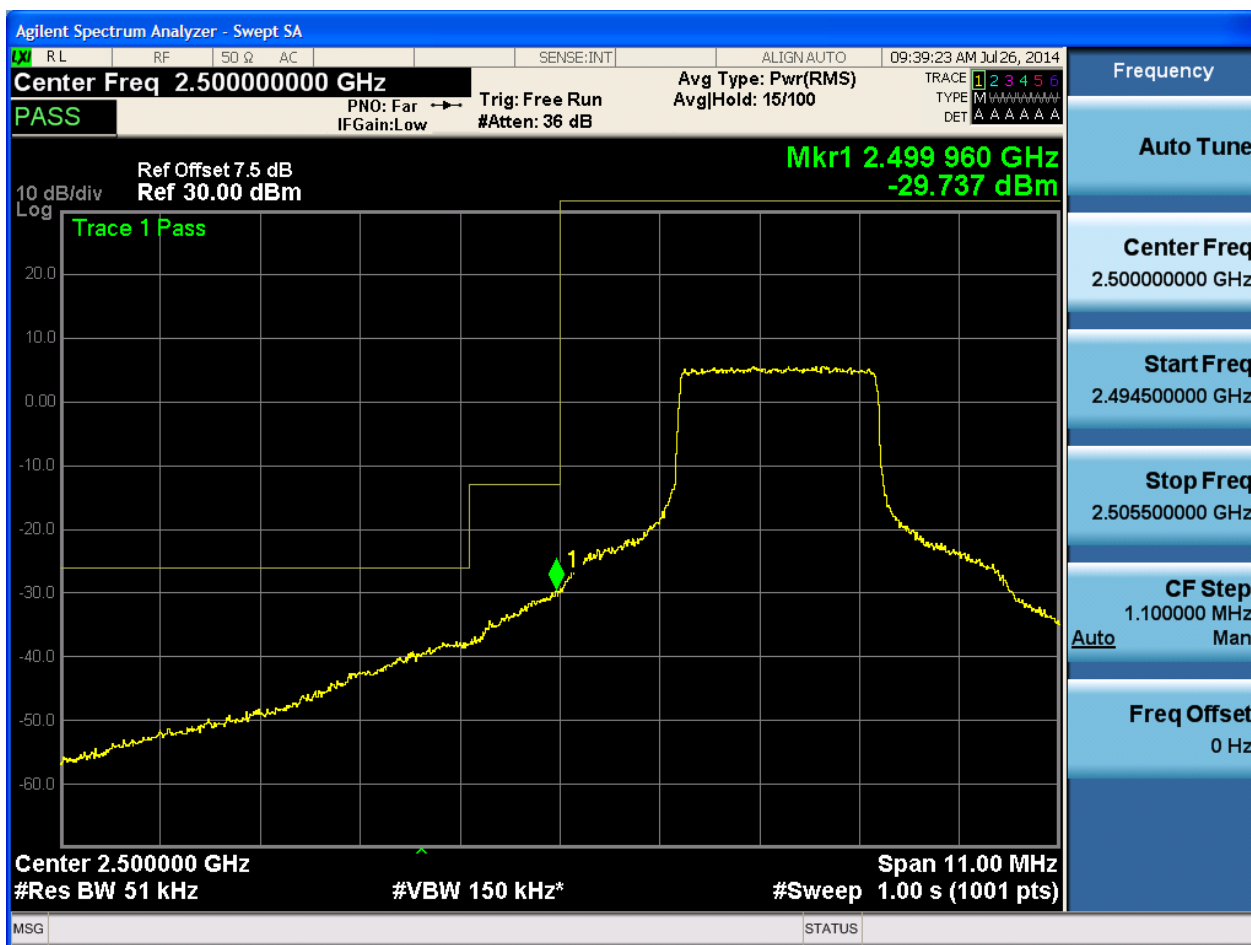


5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





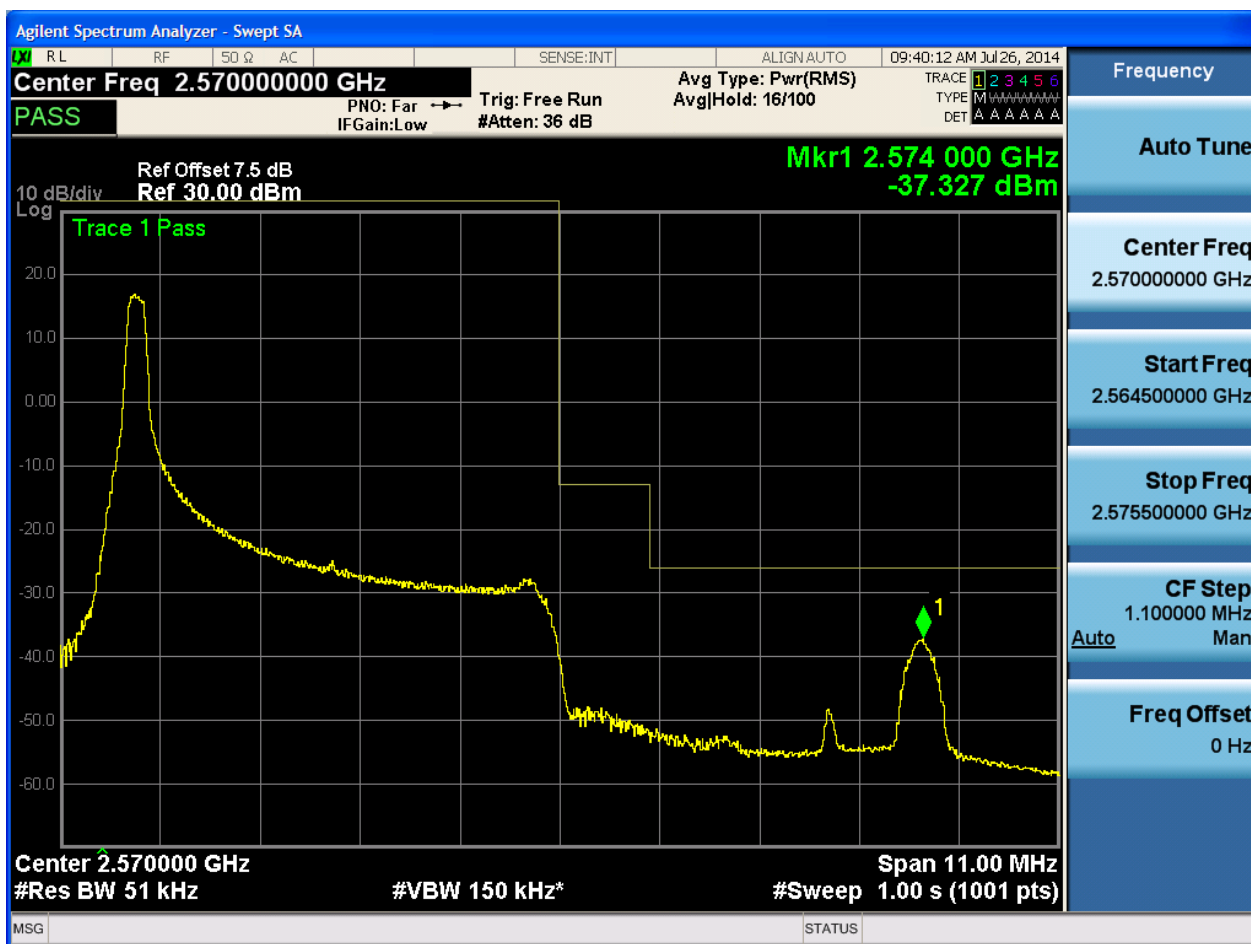
5.1.1.2.1.1.4 Test RB = RB25#0





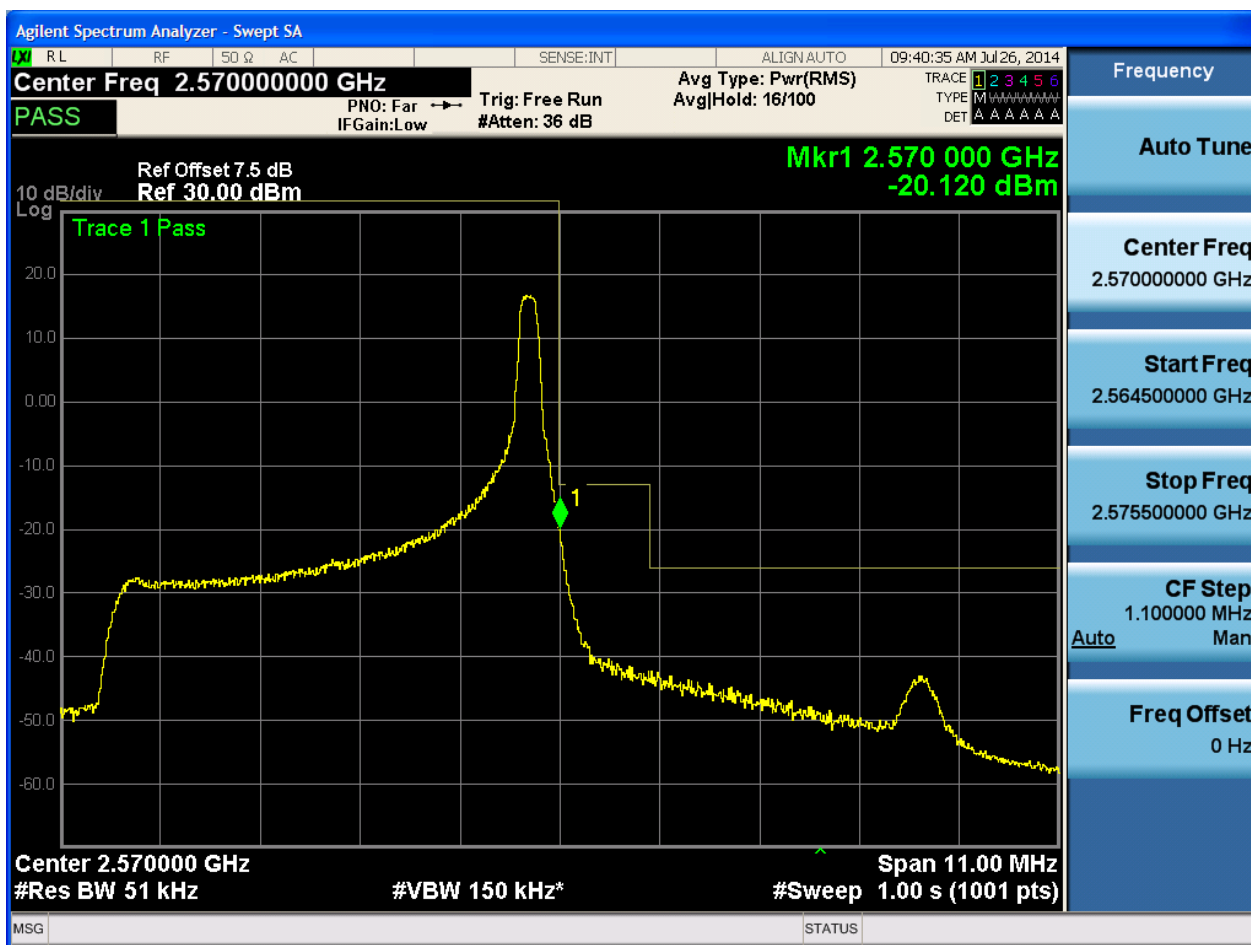
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

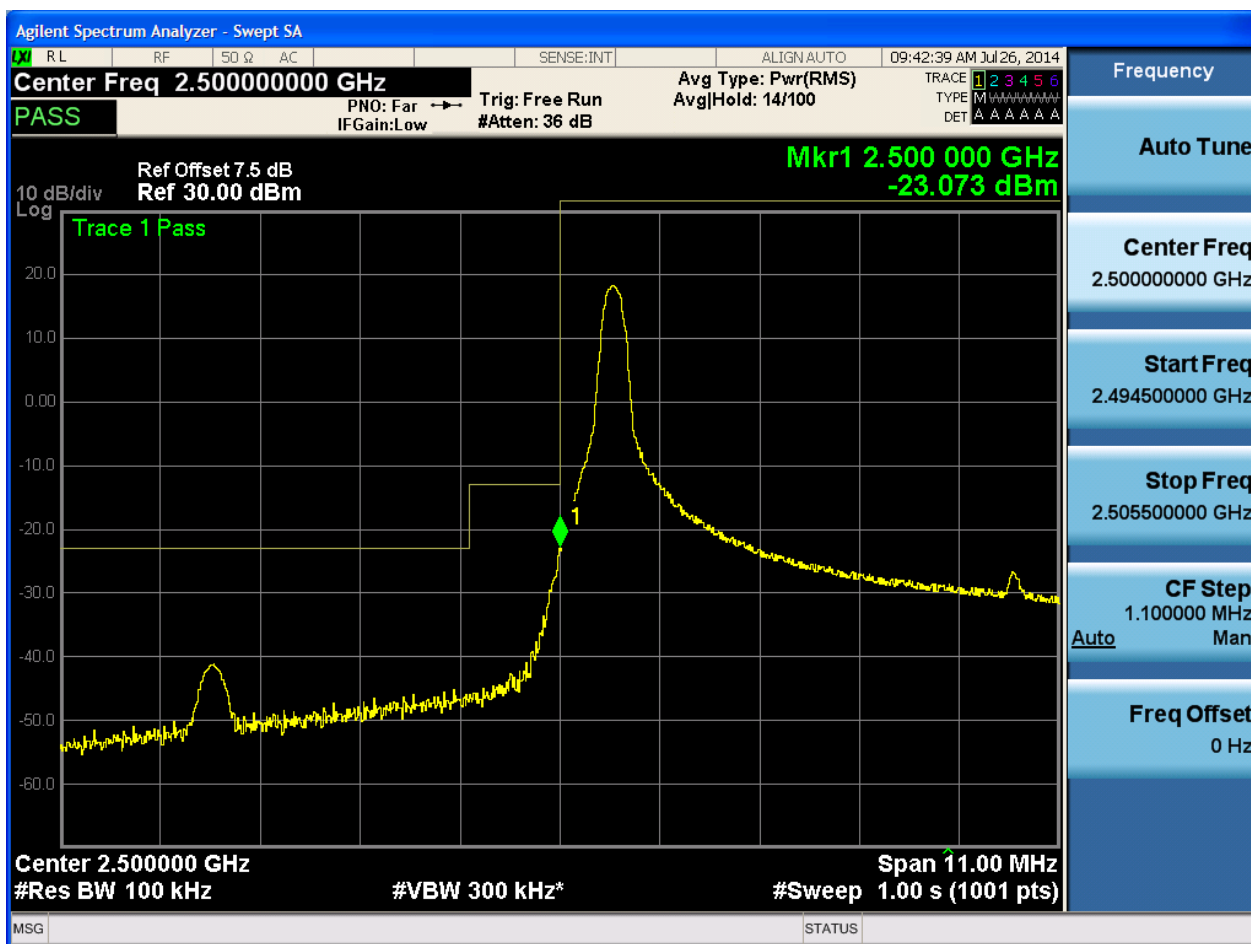




5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



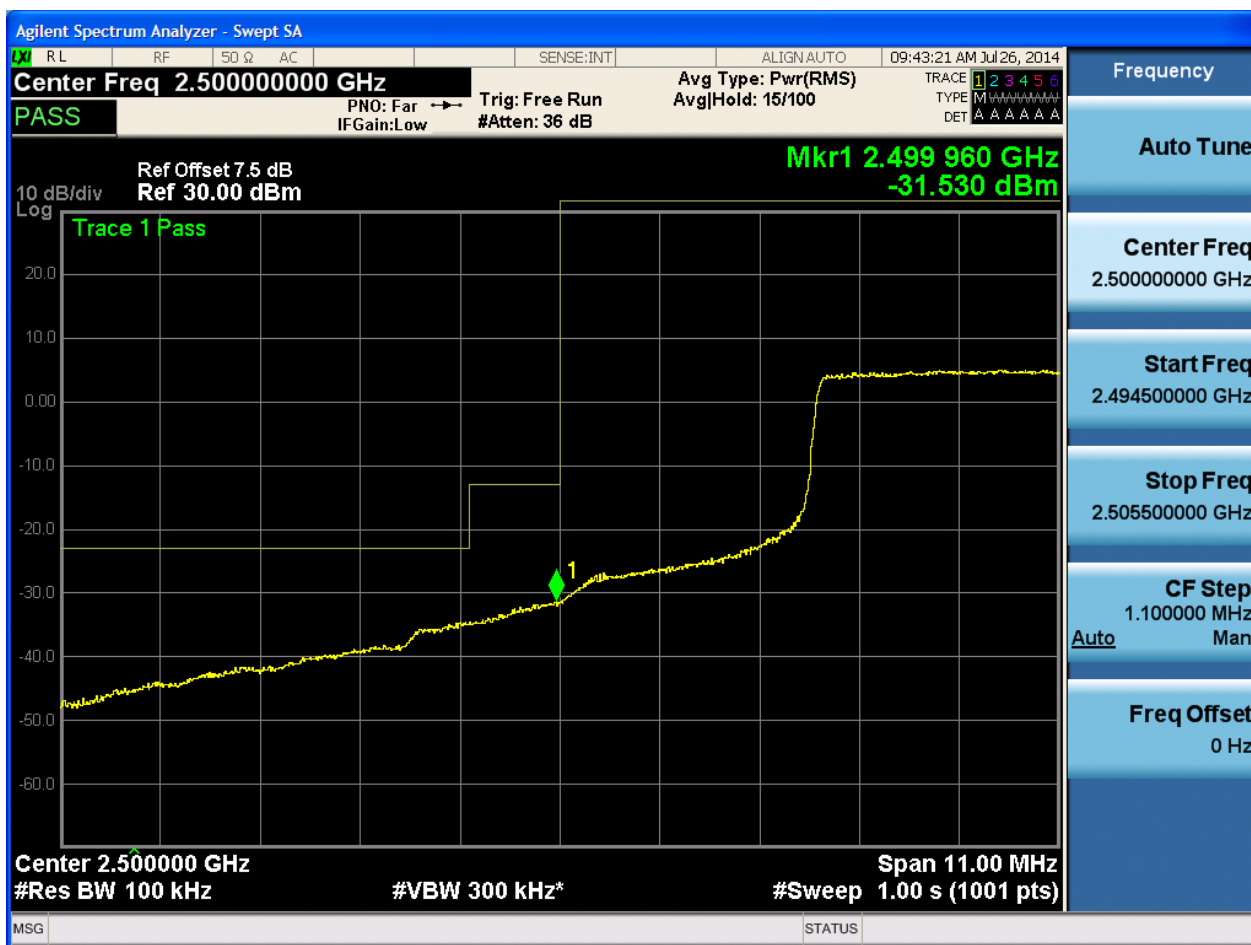


5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





5.1.1.2.2.1.4 Test RB = RB50#0





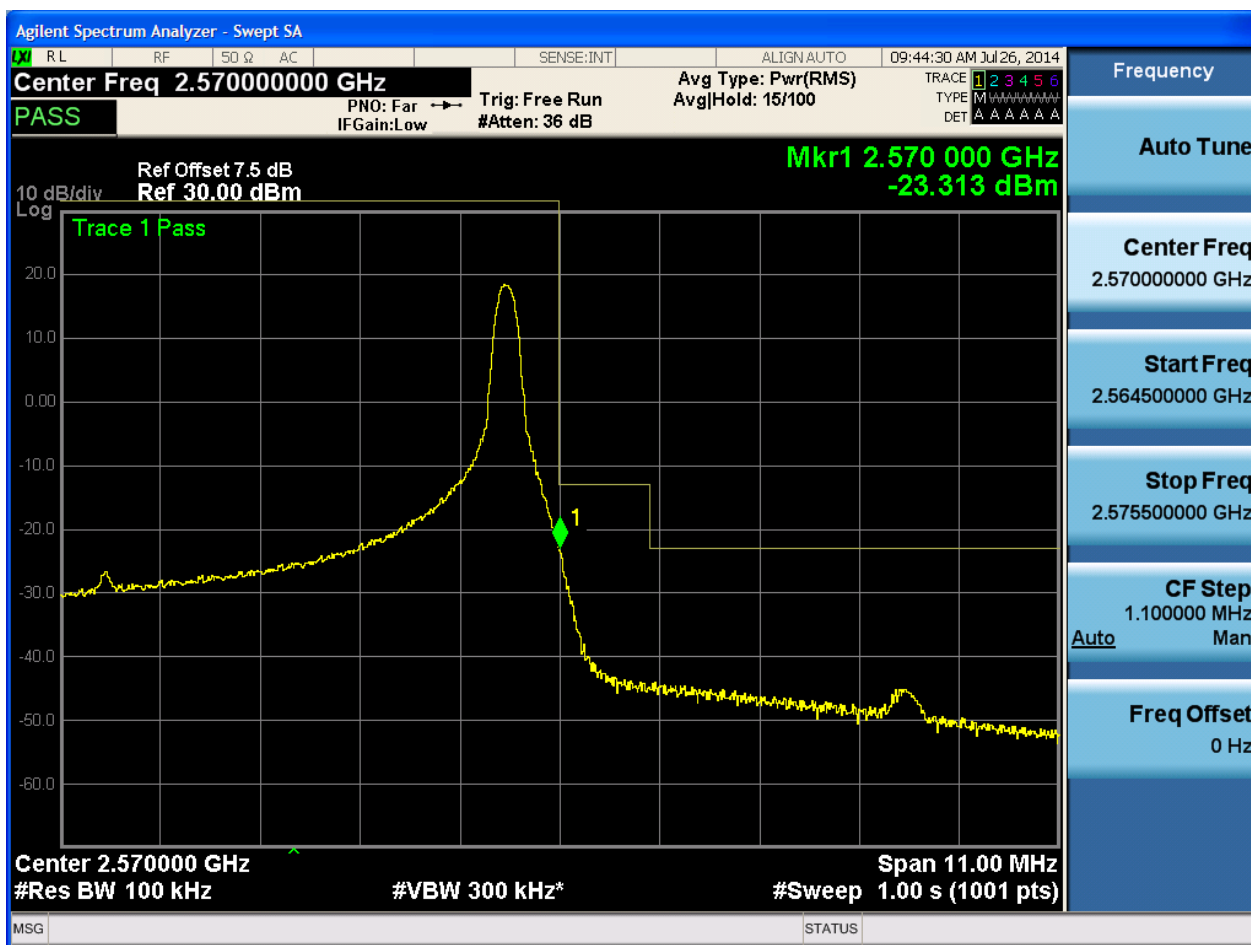
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#49



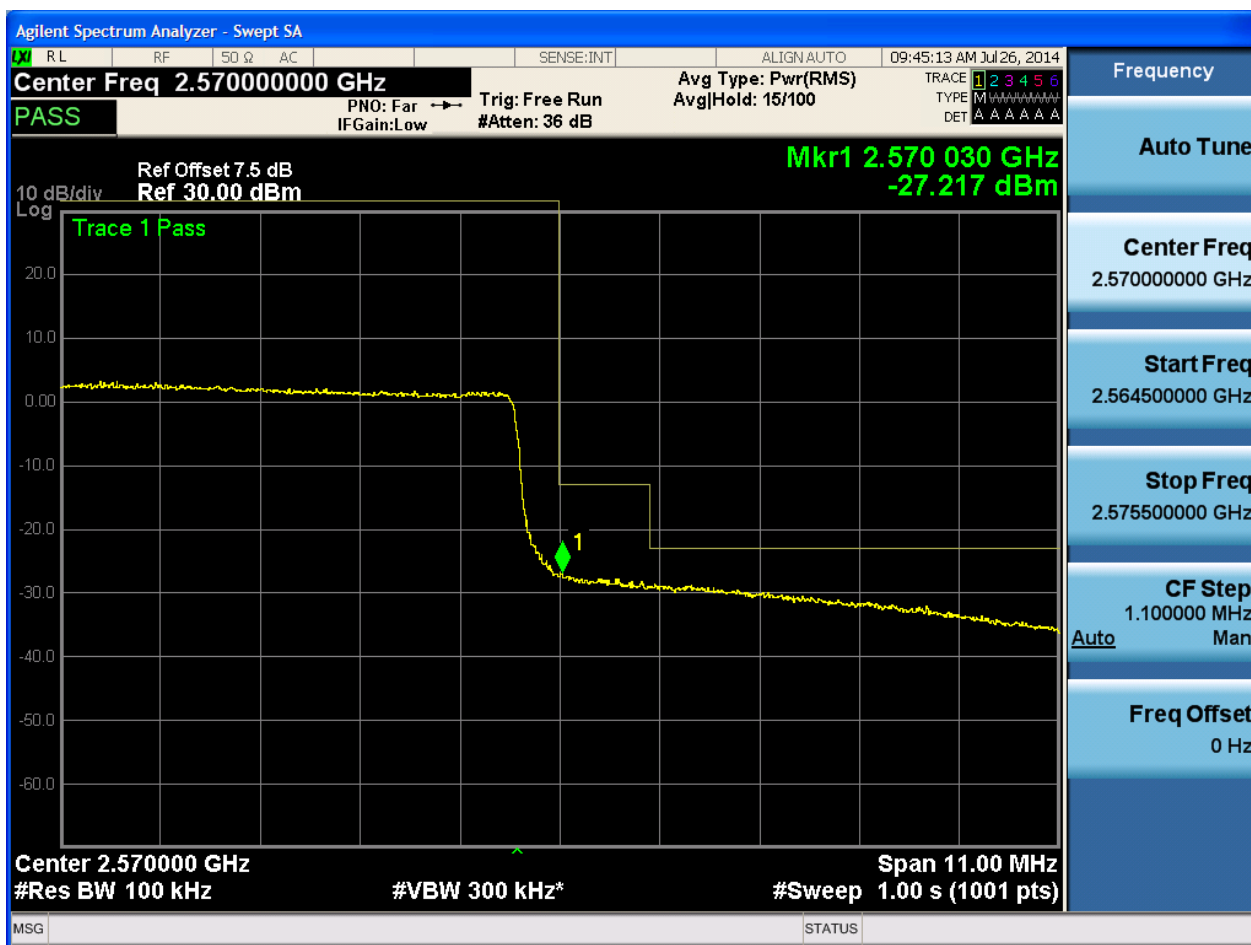


5.1.1.2.2.3 Test RB = RB25#13





5.1.1.2.2.4 Test RB = RB50#0

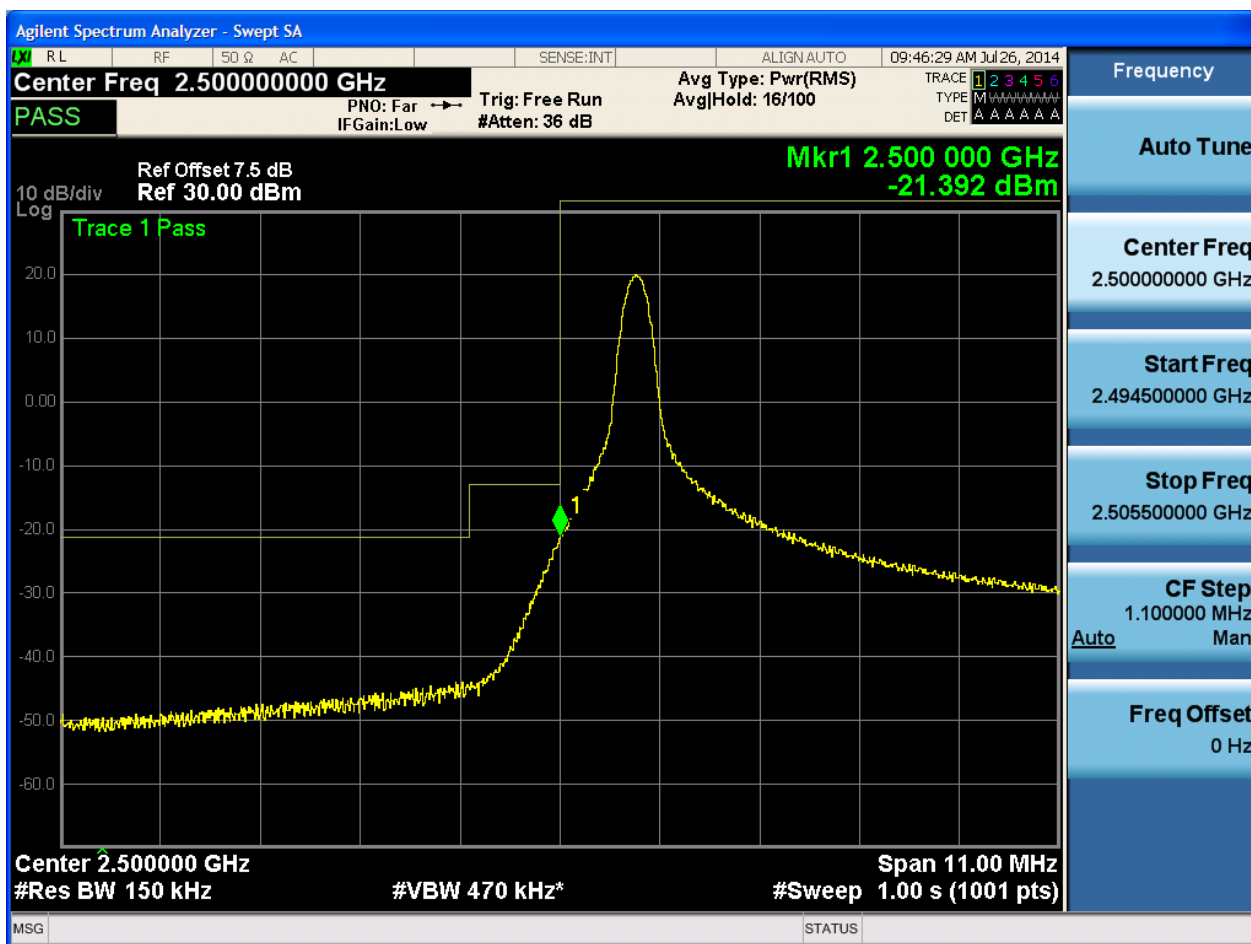




5.1.1.2.3 Test Bandwidth = 15

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.50000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.500 000 GHz
-44.171 dBm

Center 2.500000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 11.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.50000000 GHz

Start Freq
2.494500000 GHz

Stop Freq
2.505500000 GHz

CF Step
1.100000 MHz
Man

Freq Offset
0 Hz

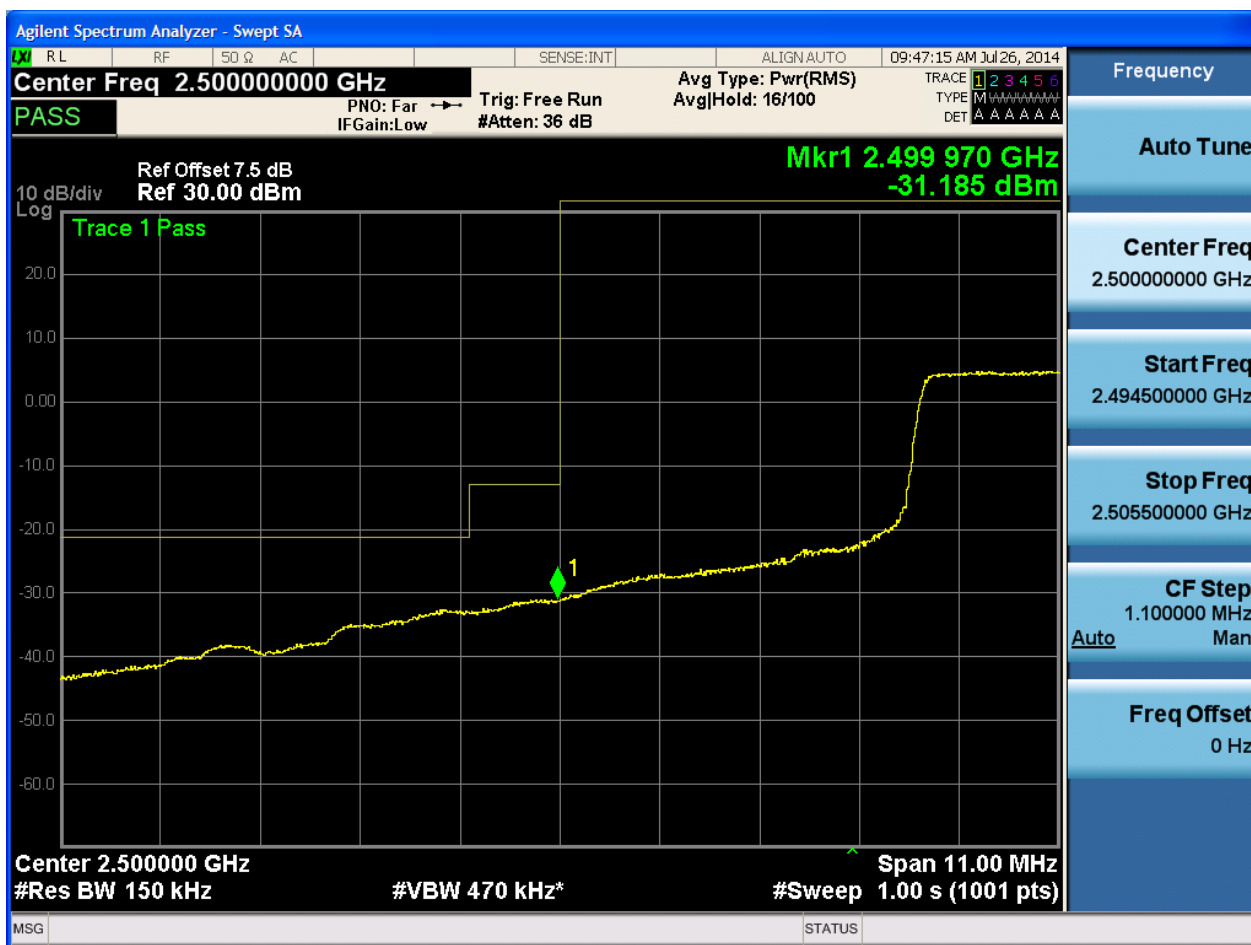
MSG Alignment Completed

STATUS

The image shows a screenshot of an Agilent Spectrum Analyzer. The main display is a grid showing a swept spectrum. The horizontal axis represents frequency, and the vertical axis represents power in dBm. A yellow trace shows the signal, with a prominent peak at 2.500000 GHz. The peak is marked with a green diamond and labeled '1'. The power level at the peak is -44.171 dBm. The display includes various parameters and settings, such as Center Freq (2.50000000 GHz), Ref Offset (7.5 dB), Ref (30.00 dBm), Trace 1 Pass, Mkr1 (2.500 000 GHz), Center (2.500000 GHz), #Res BW (150 kHz), #VBW (470 kHz*), Span (11.00 MHz), #Sweep (1.00 s (1001 pts)), Frequency, Auto Tune, Center Freq (2.50000000 GHz), Start Freq (2.494500000 GHz), Stop Freq (2.505500000 GHz), CF Step (1.100000 MHz), Man, Freq Offset (0 Hz), MSG Alignment Completed, and STATUS.

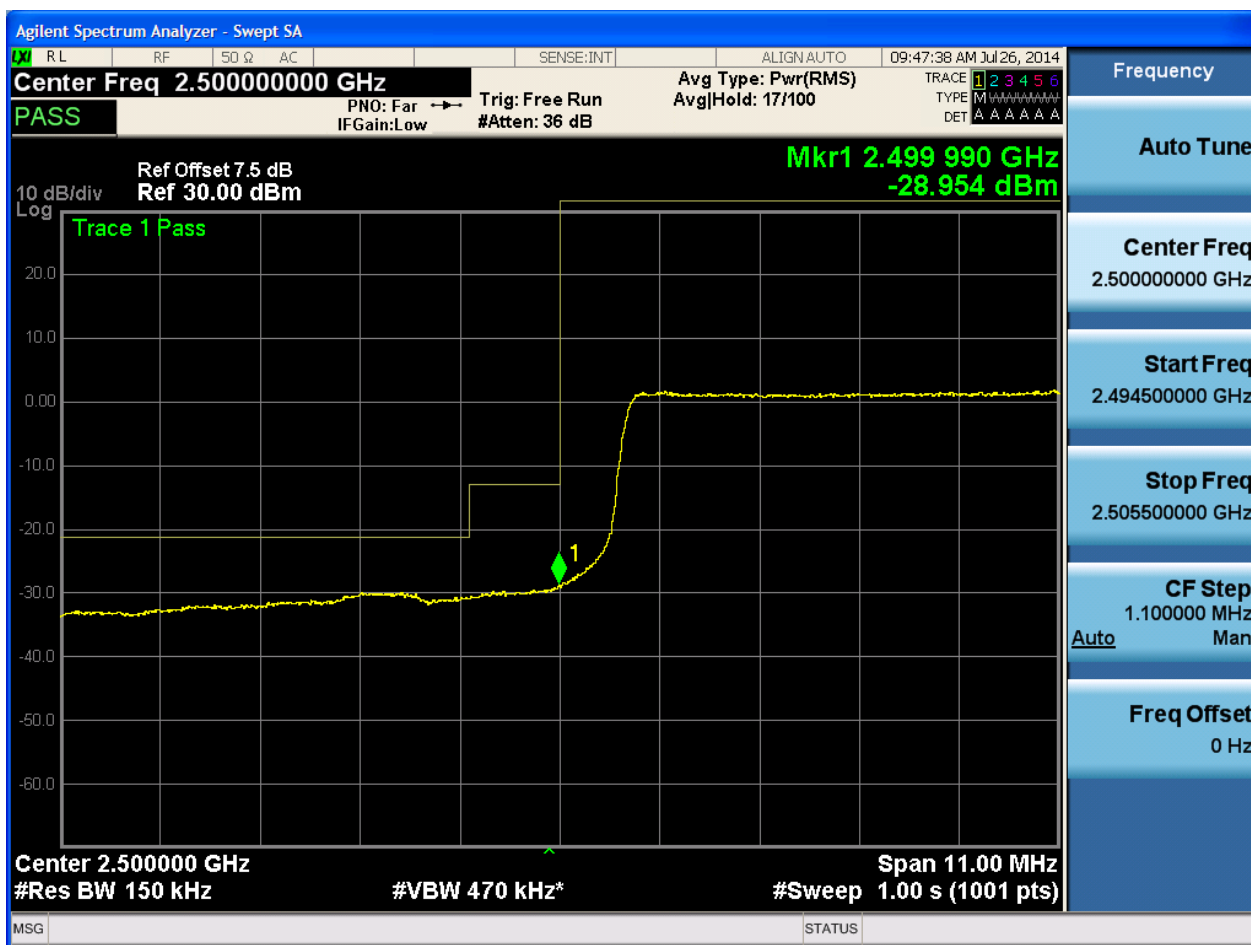


5.1.1.2.3.1.3 Test RB = RB36#18





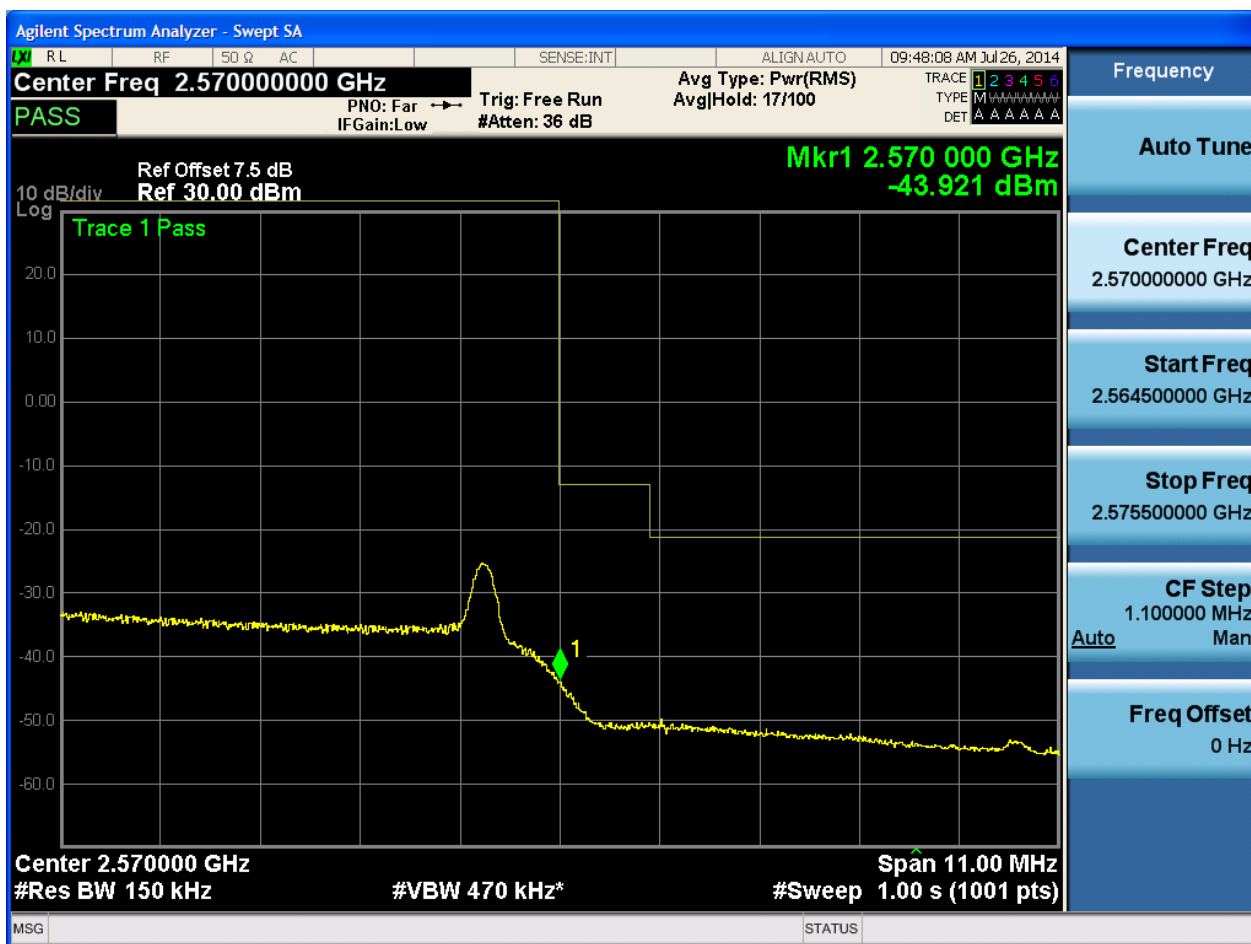
5.1.1.2.3.1.4 Test RB = RB75#0





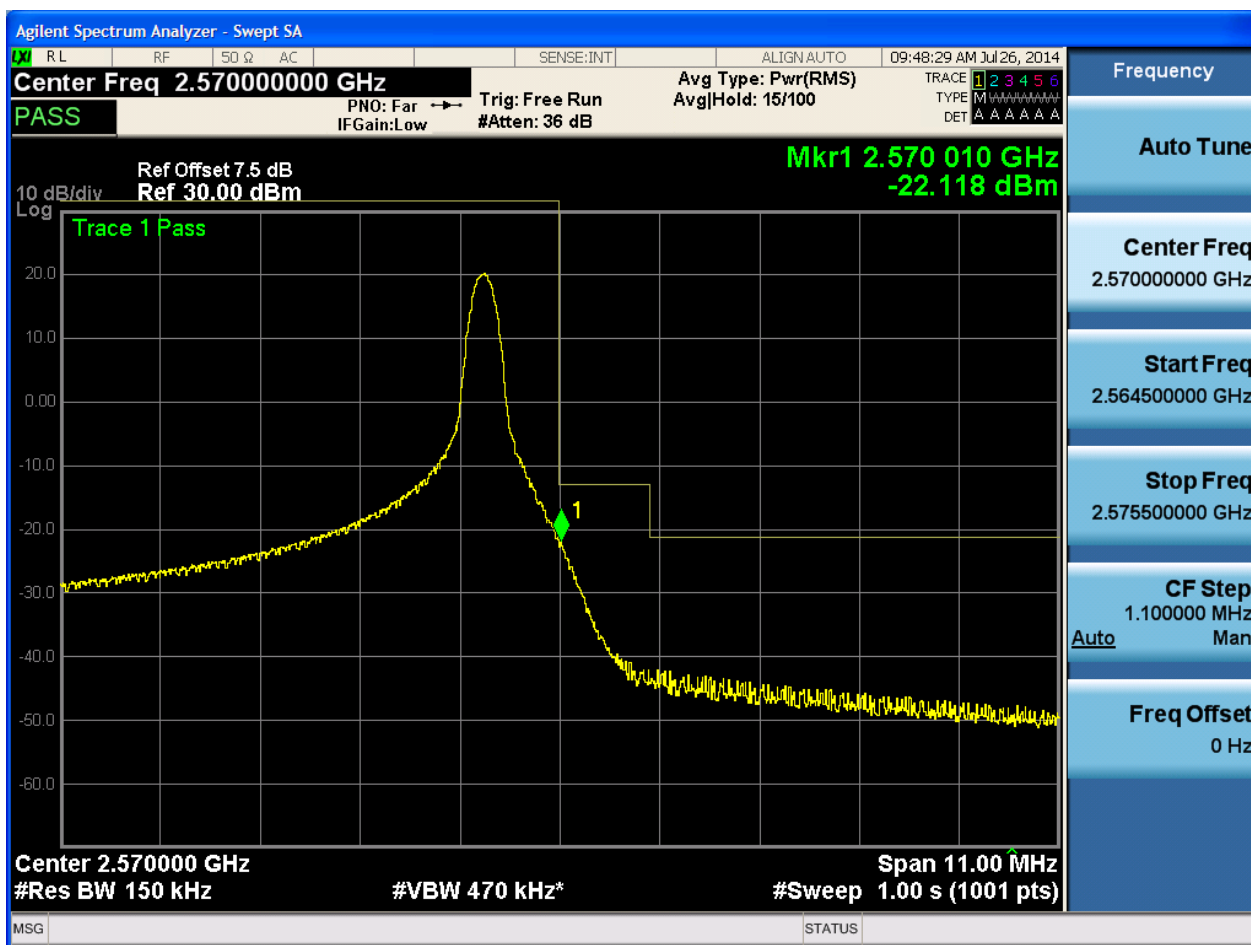
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#74





5.1.1.2.3.2.3 Test RB = RB36#18

