



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
GSM850	GSM/TM1	LCH	31.51	27.39	38.5	PASS
		MCH	32.16	27.98	38.5	PASS
		HCH	32.31	28.33	38.5	PASS
	GSM/TM2	LCH	26.43	22.24	38.5	PASS
		MCH	26.4	22.18	38.5	PASS
		HCH	26.32	22.16	38.5	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.39	32.19	33	PASS
		MCH	29.16	31.88	33	PASS
		HCH	29.66	32.27	33	PASS
	GSM/TM2	LCH	25.3	28.05	33	PASS
		MCH	25.26	28.02	33	PASS
		HCH	25.25	27.68	33	PASS

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	23.05	24.23	33	PASS
				RB1#13	22.77	24.02	33	PASS
				RB1#24	22.88	24.02	33	PASS
				RB12#0	21.87	23.02	33	PASS
				RB12#6	21.94	22.97	33	PASS
				RB12#13	21.99	23.23	33	PASS
				RB25#0	21.88	23.13	33	PASS
			MCH	RB1#0	22.9	24.18	33	PASS
				RB1#13	22.7	23.96	33	PASS
				RB1#24	22.91	24.19	33	PASS
				RB12#0	21.92	22.96	33	PASS
				RB12#6	21.82	22.95	33	PASS
				RB12#13	21.84	22.98	33	PASS
				RB25#0	21.86	22.88	33	PASS
			HCH	RB1#0	23.13	24.45	33	PASS
				RB1#13	23.04	24.22	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	23.12	24.47	33	PASS
				RB12#0	22.05	23.29	33	PASS
				RB12#6	22.01	23.32	33	PASS
				RB12#13	22.03	23.15	33	PASS
				RB25#0	22.12	23.32	33	PASS
		10	LCH	RB1#0	23	24.39	33	PASS
				RB1#25	22.94	23.94	33	PASS
				RB1#49	23.12	24.23	33	PASS
				RB25#0	22	23.19	33	PASS
				RB25#13	21.9	23.26	33	PASS
				RB25#25	21.92	23.02	33	PASS
				RB50#0	21.84	23.03	33	PASS
			MCH	RB1#0	23.2	24.42	33	PASS
				RB1#25	22.97	24.29	33	PASS
				RB1#49	23.19	24.42	33	PASS
				RB25#0	21.98	23.17	33	PASS
				RB25#13	21.86	22.94	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.96	23.20	33	PASS
				RB50#0	21.93	23.31	33	PASS
			HCH	RB1#0	23.26	24.65	33	PASS
				RB1#25	23.31	24.54	33	PASS
				RB1#49	23.37	24.50	33	PASS
				RB25#0	22.04	23.12	33	PASS
				RB25#13	22.03	23.20	33	PASS
				RB25#25	22.07	23.10	33	PASS
				RB50#0	22.09	23.35	33	PASS
		15	LCH	RB1#0	23.06	24.08	33	PASS
				RB1#38	22.98	24.19	33	PASS
				RB1#74	23.02	24.18	33	PASS
				RB36#0	22.08	23.19	33	PASS
				RB36#18	21.83	23.13	33	PASS
				RB36#39	21.9	23.15	33	PASS
				RB75#0	21.95	23.01	33	PASS
			MCH	RB1#0	23.4	24.41	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.95	24.25	33	PASS
				RB1#74	23.04	24.23	33	PASS
				RB36#0	22.03	23.18	33	PASS
				RB36#18	21.91	23.21	33	PASS
				RB36#39	21.88	23.08	33	PASS
				RB75#0	21.94	23.30	33	PASS
			HCH	RB1#0	23.25	24.44	33	PASS
				RB1#38	23.21	24.47	33	PASS
				RB1#74	23.14	24.19	33	PASS
				RB36#0	21.99	23.04	33	PASS
				RB36#18	22.05	23.30	33	PASS
				RB36#39	22.12	23.24	33	PASS
				RB75#0	22.11	23.39	33	PASS
		20	LCH	RB1#0	23.18	24.57	33	PASS
				RB1#50	22.89	23.90	33	PASS
				RB1#99	22.62	23.89	33	PASS
				RB50#0	22.07	23.10	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.84	23.18	33	PASS
				RB50#50	21.87	23.04	33	PASS
				RB100#0	22.01	23.09	33	PASS
			MCH	RB1#0	23.16	24.28	33	PASS
				RB1#50	22.88	24.19	33	PASS
				RB1#99	22.79	24.18	33	PASS
				RB50#0	22.14	23.45	33	PASS
				RB50#25	21.9	23.20	33	PASS
				RB50#50	21.87	23.07	33	PASS
				RB100#0	21.92	23.18	33	PASS
			HCH	RB1#0	23.27	24.41	33	PASS
				RB1#50	22.99	24.26	33	PASS
				RB1#99	22.89	24.05	33	PASS
				RB50#0	22.04	23.26	33	PASS
				RB50#25	22.02	23.32	33	PASS
				RB50#50	22.11	23.19	33	PASS
				RB100#0	22.05	23.35	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
	LTE/TM2	5	LCH	RB1#0	21.59	22.64	33	PASS
				RB1#13	21.57	22.95	33	PASS
				RB1#24	21.82	23.17	33	PASS
				RB12#0	20.57	21.74	33	PASS
				RB12#6	20.59	21.63	33	PASS
				RB12#13	20.78	21.81	33	PASS
				RB25#0	20.71	21.97	33	PASS
			MCH	RB1#0	21.53	22.77	33	PASS
				RB1#13	21.57	22.88	33	PASS
				RB1#24	21.54	22.72	33	PASS
				RB12#0	21.03	22.28	33	PASS
				RB12#6	20.83	21.83	33	PASS
				RB12#13	21.03	22.32	33	PASS
				RB25#0	20.99	22.16	33	PASS
			HCH	RB1#0	22.05	23.19	33	PASS
				RB1#13	21.93	23.24	33	PASS
				RB1#24	21.93	23.30	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	20.77	22.00	33	PASS
				RB12#6	20.71	21.72	33	PASS
				RB12#13	21.27	22.54	33	PASS
				RB25#0	20.85	22.14	33	PASS
		10	LCH	RB1#0	22.2	23.36	33	PASS
				RB1#25	22.21	23.26	33	PASS
				RB1#49	21.97	23.27	33	PASS
				RB25#0	20.89	21.91	33	PASS
				RB25#13	20.79	22.12	33	PASS
				RB25#25	20.75	21.82	33	PASS
				RB50#0	20.81	22.08	33	PASS
			MCH	RB1#0	22.41	23.59	33	PASS
				RB1#25	22.19	23.45	33	PASS
				RB1#49	22.24	23.62	33	PASS
				RB25#0	20.83	22.01	33	PASS
				RB25#13	20.71	21.90	33	PASS
				RB25#25	20.97	22.07	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.78	22.15	33	PASS
			HCH	RB1#0	22.27	23.56	33	PASS
				RB1#25	22.33	23.45	33	PASS
				RB1#49	22.32	23.60	33	PASS
				RB25#0	20.9	22.03	33	PASS
				RB25#13	20.9	22.09	33	PASS
				RB25#25	20.95	22.26	33	PASS
				RB50#0	21.02	22.25	33	PASS
		15	LCH	RB1#0	22.06	23.34	33	PASS
				RB1#38	22.05	23.37	33	PASS
				RB1#74	22.05	23.14	33	PASS
				RB36#0	21.01	22.04	33	PASS
				RB36#18	20.86	22.22	33	PASS
				RB36#39	20.96	22.27	33	PASS
				RB75#0	20.84	22.20	33	PASS
			MCH	RB1#0	22.34	23.67	33	PASS
				RB1#38	22.08	23.11	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	22.08	23.39	33	PASS
				RB36#0	21.03	22.17	33	PASS
				RB36#18	20.88	21.90	33	PASS
				RB36#39	20.89	22.19	33	PASS
				RB75#0	20.84	21.90	33	PASS
			HCH	RB1#0	22.32	23.38	33	PASS
				RB1#38	22.22	23.50	33	PASS
				RB1#74	22.25	23.40	33	PASS
				RB36#0	20.96	21.98	33	PASS
				RB36#18	21.08	22.20	33	PASS
				RB36#39	21.18	22.29	33	PASS
				RB75#0	21.01	22.06	33	PASS
		20	LCH	RB1#0	22.53	23.60	33	PASS
				RB1#50	22.09	23.26	33	PASS
				RB1#99	22.05	23.44	33	PASS
				RB50#0	21.14	22.51	33	PASS
				RB50#25	20.82	22.05	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	20.89	22.05	33	PASS
				RB100#0	20.9	22.07	33	PASS
			MCH	RB1#0	22.63	23.99	33	PASS
				RB1#50	22.13	23.47	33	PASS
				RB1#99	22.03	23.41	33	PASS
				RB50#0	21.09	22.34	33	PASS
				RB50#25	20.89	22.29	33	PASS
				RB50#50	20.82	21.92	33	PASS
				RB100#0	20.83	21.97	33	PASS
			HCH	RB1#0	22.28	23.52	33	PASS
				RB1#50	22.1	23.48	33	PASS
				RB1#99	22.43	23.44	33	PASS
				RB50#0	21.01	22.06	33	PASS
				RB50#25	20.86	22.20	33	PASS
				RB50#50	20.95	22.06	33	PASS
				RB100#0	21.03	22.31	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,



$ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]$

$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$

b, SGP=Signal Generator Level

Note2: $RBW > \text{emission bandwidth}$, $VBW > 3 \times RBW$.

Detector: RMS



2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM1900	GSM/TM1	LCH	0.24	13	PASS
		MCH	0.22	13	PASS
		HCH	0.23	13	PASS
	GSM/TM2	LCH	3.27	13	PASS
		MCH	3.32	13	PASS
		HCH	3.29	13	PASS

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	3.38	13	PASS
				RB1#13	3.46	13	PASS
				RB1#24	3.32	13	PASS
				RB12#0	4.37	13	PASS
				RB12#6	4.3	13	PASS
				RB12#13	4.42	13	PASS
				RB25#0	4.91	13	PASS
			MCH	RB1#0	3.64	13	PASS
				RB1#13	3.69	13	PASS
				RB1#24	3.61	13	PASS
				RB12#0	4.66	13	PASS
				RB12#6	4.59	13	PASS
				RB12#13	4.71	13	PASS
				RB25#0	5.17	13	PASS
			HCH	RB1#0	3.48	13	PASS
				RB1#13	3.41	13	PASS
				RB1#24	3.1	13	PASS
				RB12#0	4.51	13	PASS
				RB12#6	4.39	13	PASS
				RB12#13	4.36	13	PASS
				RB25#0	4.88	13	PASS
		10	LCH	RB1#0	3.37	13	PASS
				RB1#25	3.29	13	PASS
				RB1#49	3.28	13	PASS
				RB25#0	4.4	13	PASS
				RB25#13	4.37	13	PASS
				RB25#25	4.43	13	PASS
				RB50#0	5.11	13	PASS
			MCH	RB1#0	3.66	13	PASS
				RB1#25	3.59	13	PASS
				RB1#49	3.65	13	PASS
				RB25#0	4.64	13	PASS
				RB25#13	4.72	13	PASS
				RB25#25	4.67	13	PASS
				RB50#0	5.3	13	PASS
			HCH	RB1#0	3.3	13	PASS
				RB1#25	3.4	13	PASS
				RB1#49	2.89	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	4.46	13	PASS
				RB25#13	4.47	13	PASS
				RB25#25	4.47	13	PASS
				RB50#0	5.49	13	PASS
		15	LCH	RB1#0	3.3	13	PASS
				RB1#38	3.33	13	PASS
				RB1#74	3.45	13	PASS
				RB36#0	4.43	13	PASS
				RB36#18	4.46	13	PASS
				RB36#39	4.54	13	PASS
				RB75#0	5.27	13	PASS
			MCH	RB1#0	3.47	13	PASS
				RB1#38	3.7	13	PASS
				RB1#74	3.46	13	PASS
				RB36#0	4.72	13	PASS
				RB36#18	4.71	13	PASS
				RB36#39	4.76	13	PASS
				RB75#0	5.56	13	PASS
			HCH	RB1#0	2.76	13	PASS
				RB1#38	3.39	13	PASS
				RB1#74	2.75	13	PASS
				RB36#0	4.42	13	PASS
				RB36#18	4.5	13	PASS
				RB36#39	4.57	13	PASS
				RB75#0	5.45	13	PASS
		20	LCH	RB1#0	3.27	13	PASS
				RB1#50	3.44	13	PASS
				RB1#99	3.42	13	PASS
				RB50#0	4.39	13	PASS
				RB50#25	4.46	13	PASS
				RB50#50	4.63	13	PASS
				RB100#0	4.97	13	PASS
			MCH	RB1#0	3.54	13	PASS
				RB1#50	3.74	13	PASS
				RB1#99	3.65	13	PASS
				RB50#0	4.64	13	PASS
				RB50#25	4.83	13	PASS
				RB50#50	4.72	13	PASS
				RB100#0	5.52	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	2.96	13	PASS
				RB1#50	2.94	13	PASS
				RB1#99	2.98	13	PASS
				RB50#0	4.35	13	PASS
				RB50#25	4.48	13	PASS
				RB50#50	4.66	13	PASS
				RB100#0	5.33	13	PASS
		5	LCH	RB1#0	4.38	13	PASS
				RB1#13	4.48	13	PASS
				RB1#24	4.49	13	PASS
				RB12#0	5.36	13	PASS
				RB12#6	5.25	13	PASS
				RB12#13	5.32	13	PASS
				RB25#0	5.82	13	PASS
			MCH	RB1#0	4.81	13	PASS
				RB1#13	4.87	13	PASS
				RB1#24	4.86	13	PASS
				RB12#0	5.62	13	PASS
				RB12#6	5.54	13	PASS
				RB12#13	5.66	13	PASS
				RB25#0	6.23	13	PASS
			HCH	RB1#0	4.69	13	PASS
				RB1#13	4.58	13	PASS
				RB1#24	4.44	13	PASS
				RB12#0	5.56	13	PASS
				RB12#6	5.44	13	PASS
				RB12#13	5.45	13	PASS
				RB25#0	5.82	13	PASS
		10	LCH	RB1#0	4.34	13	PASS
				RB1#25	4	13	PASS
				RB1#49	4.23	13	PASS
				RB25#0	5.48	13	PASS
				RB25#13	5.34	13	PASS
				RB25#25	5.56	13	PASS
				RB50#0	6.1	13	PASS
			MCH	RB1#0	4.35	13	PASS
				RB1#25	4.37	13	PASS
				RB1#49	4.33	13	PASS
				RB25#0	5.82	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.74	13	PASS
				RB25#25	5.78	13	PASS
				RB50#0	6.16	13	PASS
			HCH	RB1#0	4.07	13	PASS
				RB1#25	4.03	13	PASS
				RB1#49	3.58	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.55	13	PASS
				RB25#25	5.52	13	PASS
				RB50#0	5.96	13	PASS
		15	LCH	RB1#0	4.01	13	PASS
				RB1#38	4.53	13	PASS
				RB1#74	4.44	13	PASS
				RB36#0	5.53	13	PASS
				RB36#18	5.43	13	PASS
				RB36#39	5.57	13	PASS
				RB75#0	6.14	13	PASS
			MCH	RB1#0	4.42	13	PASS
				RB1#38	4.65	13	PASS
				RB1#74	4.34	13	PASS
				RB36#0	5.73	13	PASS
				RB36#18	5.78	13	PASS
				RB36#39	5.76	13	PASS
				RB75#0	6.35	13	PASS
			HCH	RB1#0	3.8	13	PASS
				RB1#38	4.31	13	PASS
				RB1#74	3.55	13	PASS
				RB36#0	5.54	13	PASS
				RB36#18	5.55	13	PASS
				RB36#39	5.61	13	PASS
				RB75#0	6.22	13	PASS
		20	LCH	RB1#0	3.73	13	PASS
				RB1#50	4.12	13	PASS
				RB1#99	4.3	13	PASS
				RB50#0	5.38	13	PASS
				RB50#25	5.4	13	PASS
				RB50#50	5.54	13	PASS
				RB100#0	5.97	13	PASS
			MCH	RB1#0	3.93	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	4.4	13	PASS
				RB1#99	4.31	13	PASS
				RB50#0	5.68	13	PASS
				RB50#25	5.73	13	PASS
				RB50#50	5.74	13	PASS
				RB100#0	6.03	13	PASS
			HCH	RB1#0	3.88	13	PASS
				RB1#50	4.1	13	PASS
				RB1#99	4.03	13	PASS
				RB50#0	5.41	13	PASS
				RB50#25	5.54	13	PASS
				RB50#50	5.61	13	PASS
				RB100#0	6.14	13	PASS

3Appendix_C: Modulation Characteristics

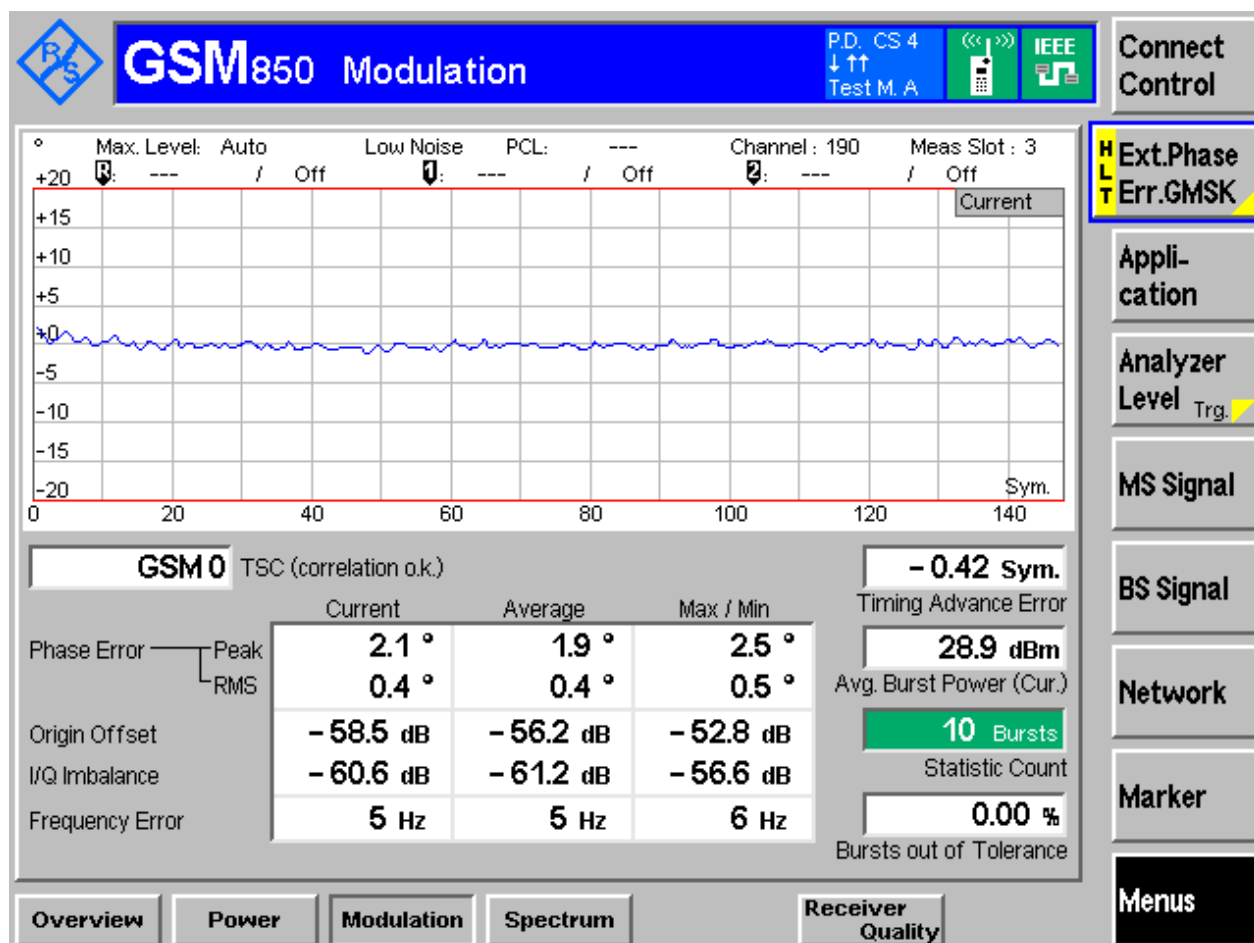
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

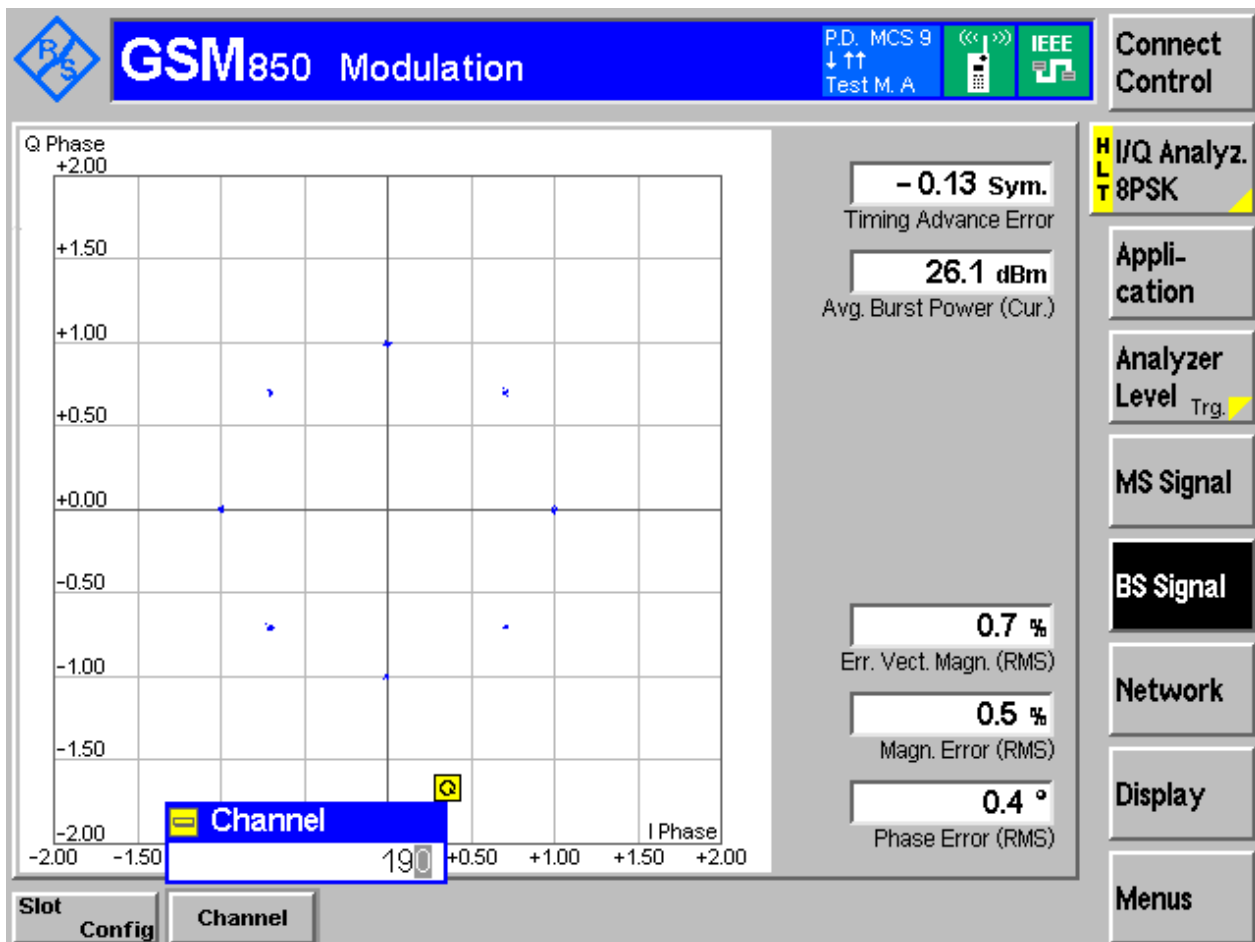
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

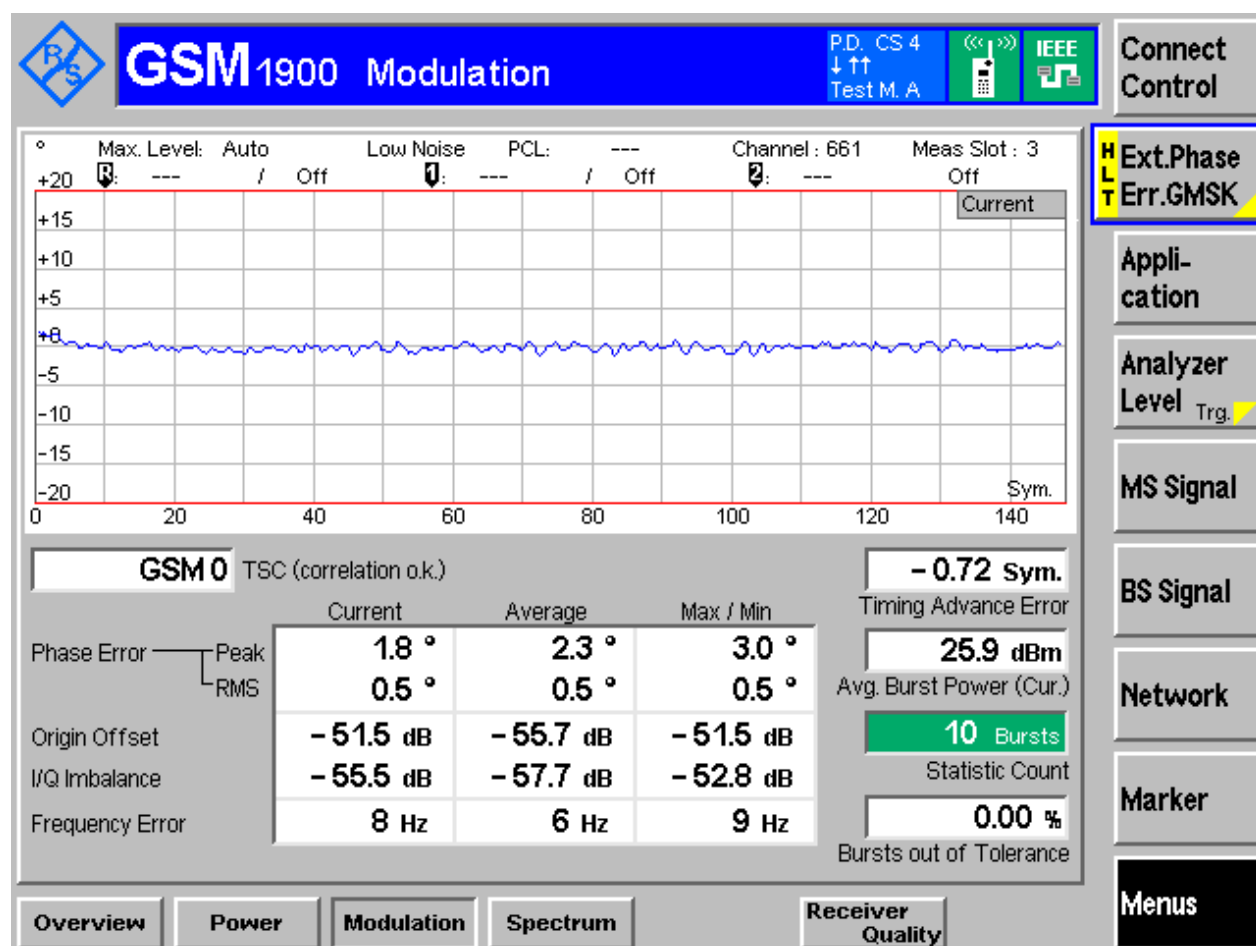
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

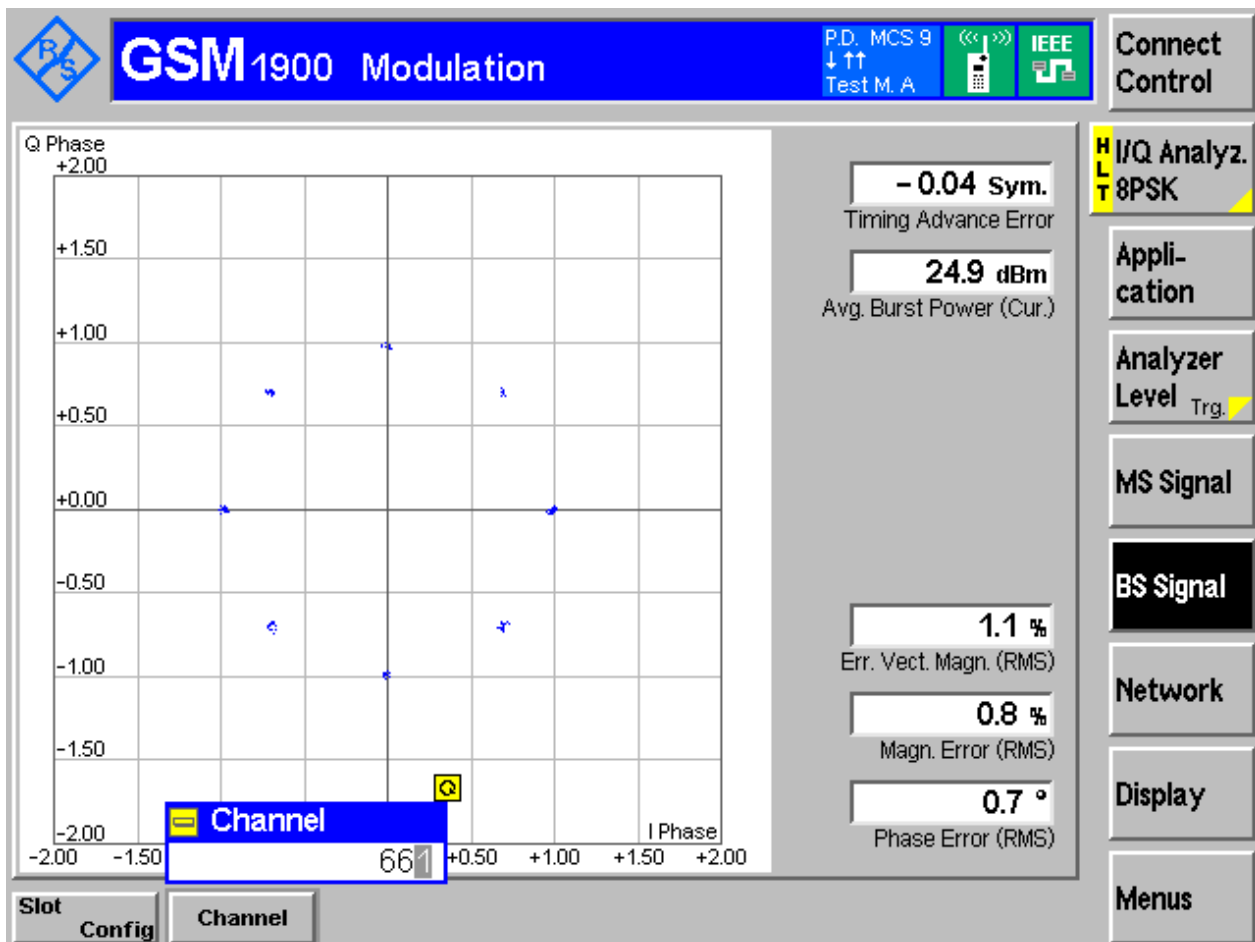
3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH



3.1.2.2 Test Mode = GSM/TM2

3.1.2.2.1 Test Channel = MCH



3.2 For LTE

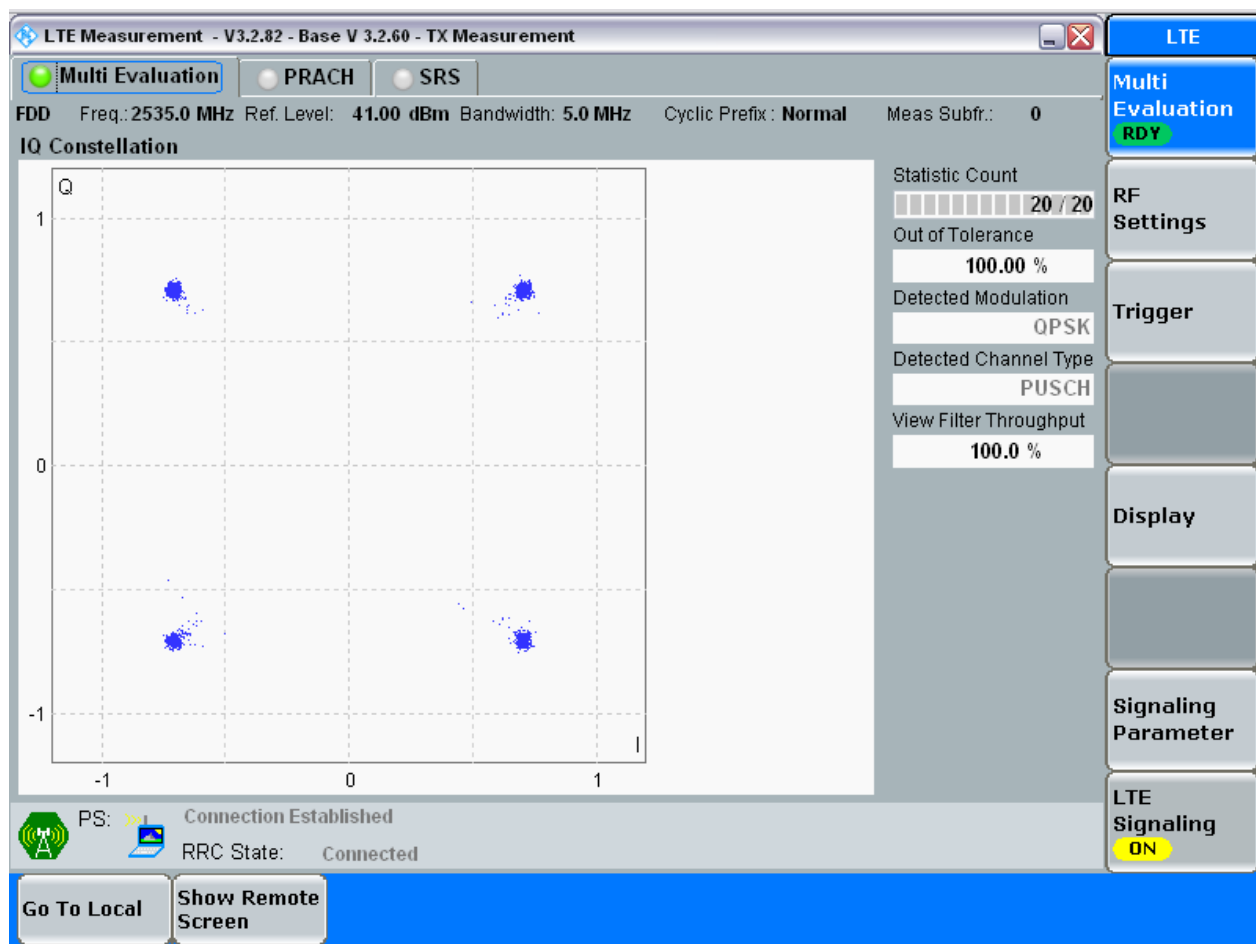
3.2.1 Test Band = BAND7

3.2.1.1 Test Mode = LTE/TM1

3.2.1.1.1 Test Bandwidth = 5

3.2.1.1.1.1 Test Channel = MCH

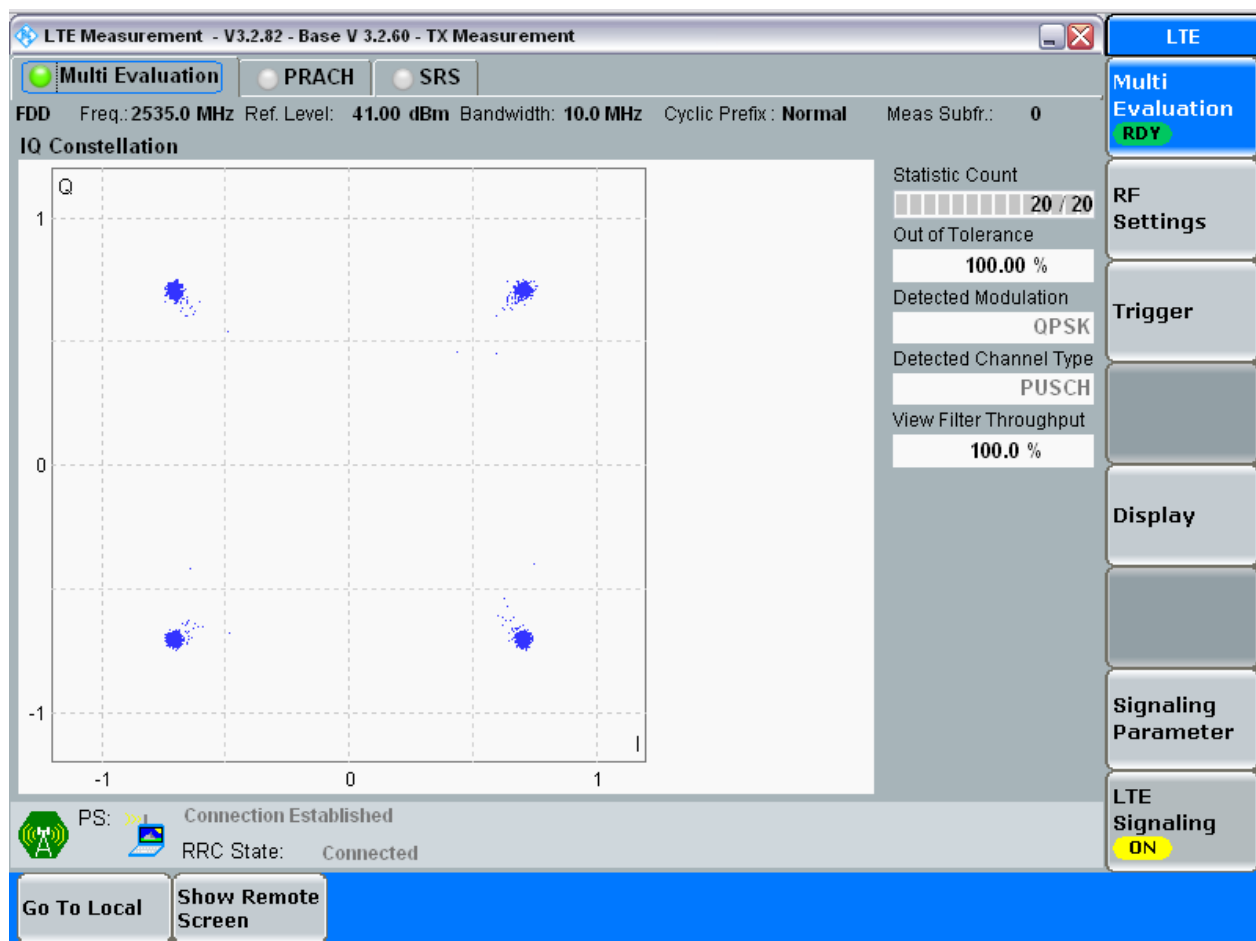
3.2.1.1.1.1.1 Test RB = RB25#0



3.2.1.1.2 Test Bandwidth = 10

3.2.1.1.2.1 Test Channel = MCH

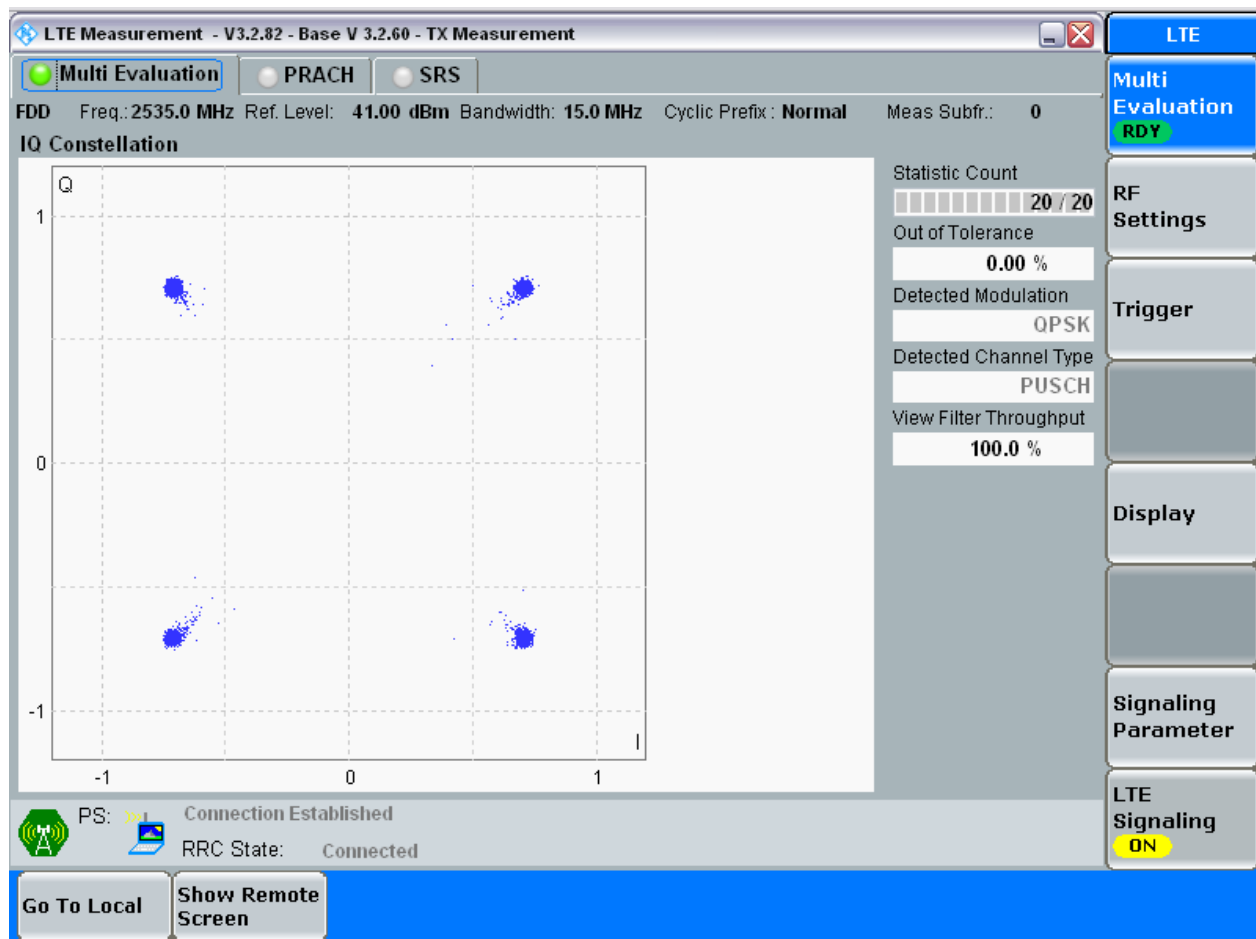
3.2.1.1.2.1.1 Test RB = RB50#0



3.2.1.1.3 Test Bandwidth = 15

3.2.1.1.3.1 Test Channel = MCH

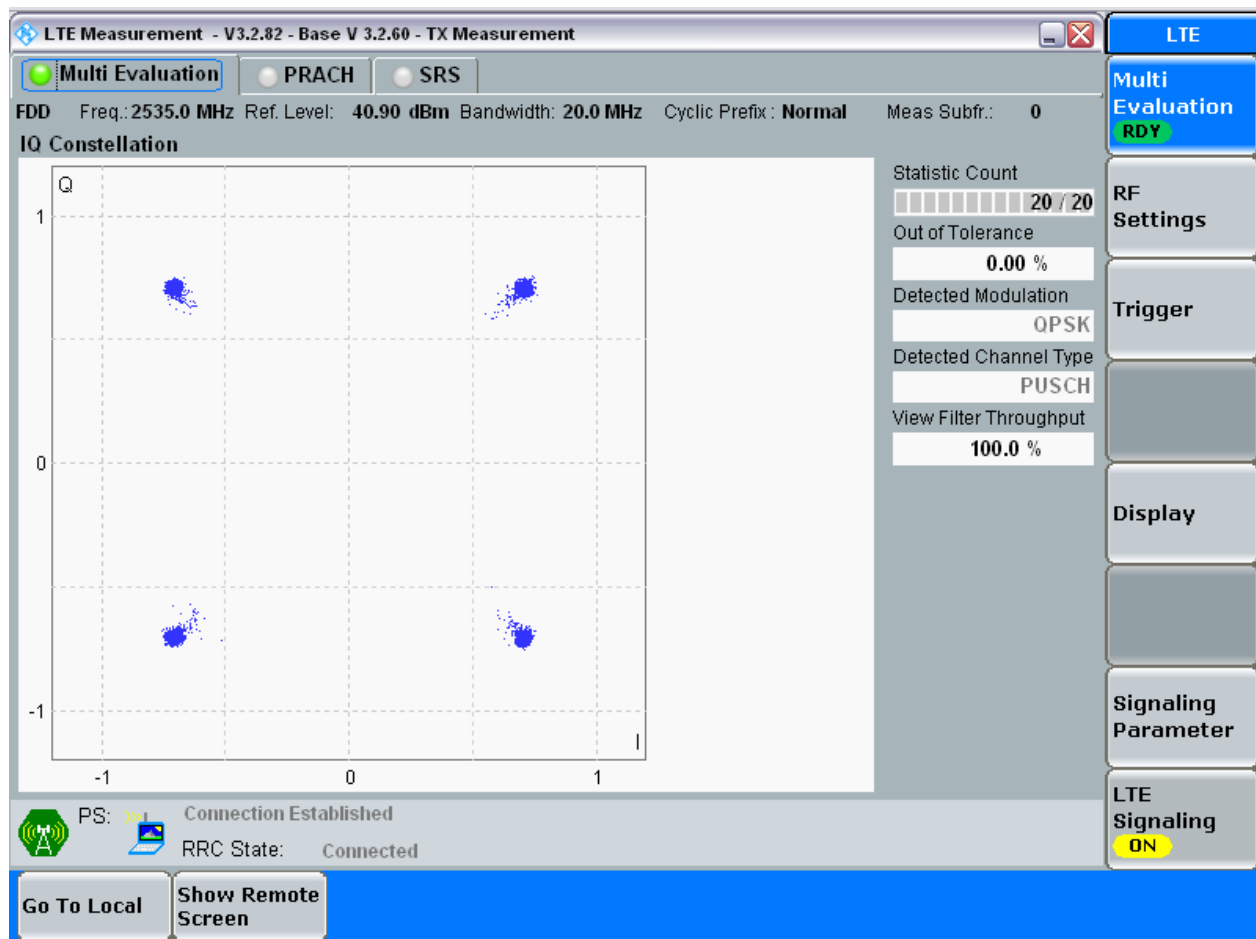
3.2.1.1.3.1.1 Test RB = RB75#0



3.2.1.1.4 Test Bandwidth = 20

3.2.1.1.4.1 Test Channel = MCH

3.2.1.1.4.1.1 Test RB = RB100#0

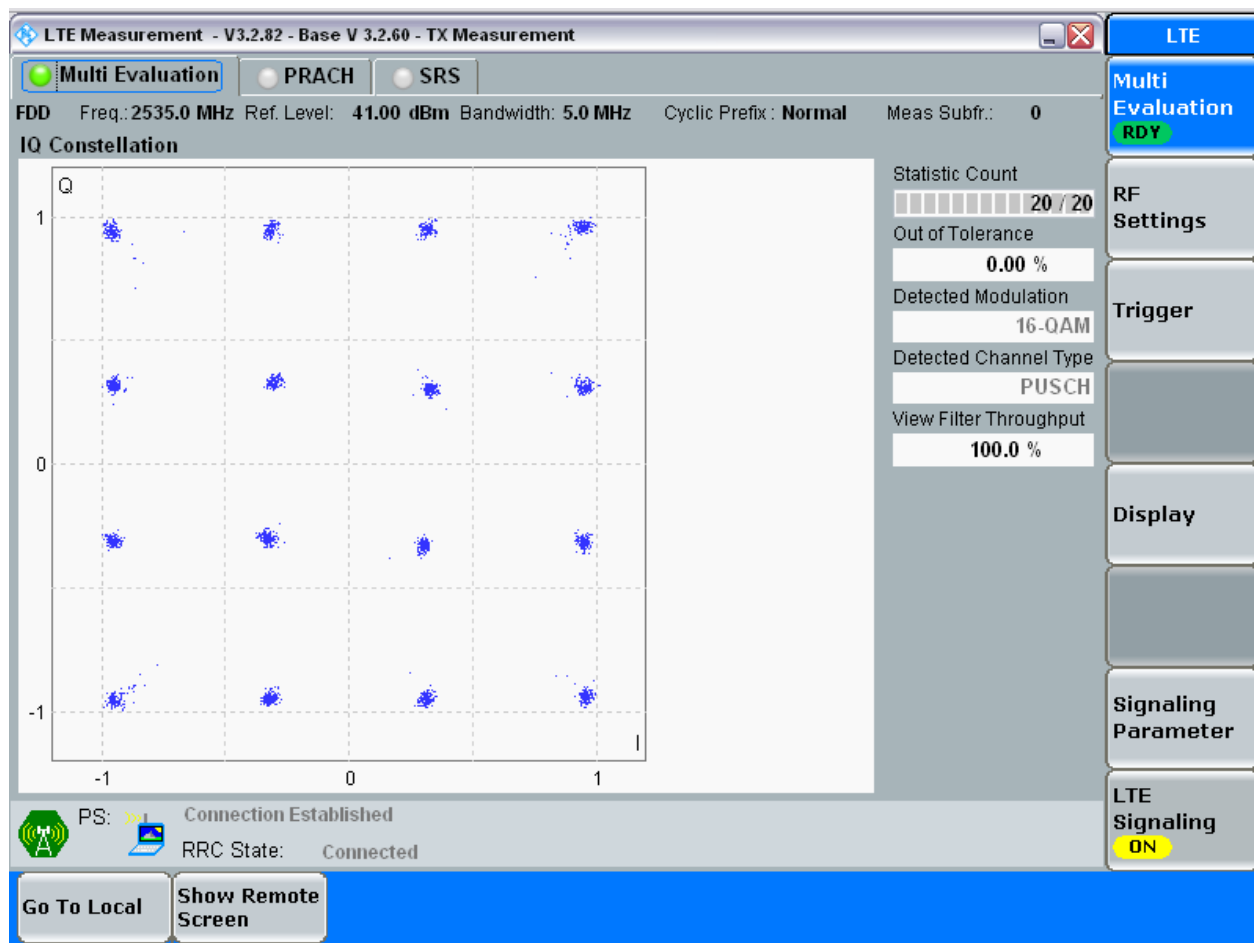


3.2.1.2 Test Mode = LTE/TM2

3.2.1.2.1 Test Bandwidth = 5

3.2.1.2.1.1 Test Channel = MCH

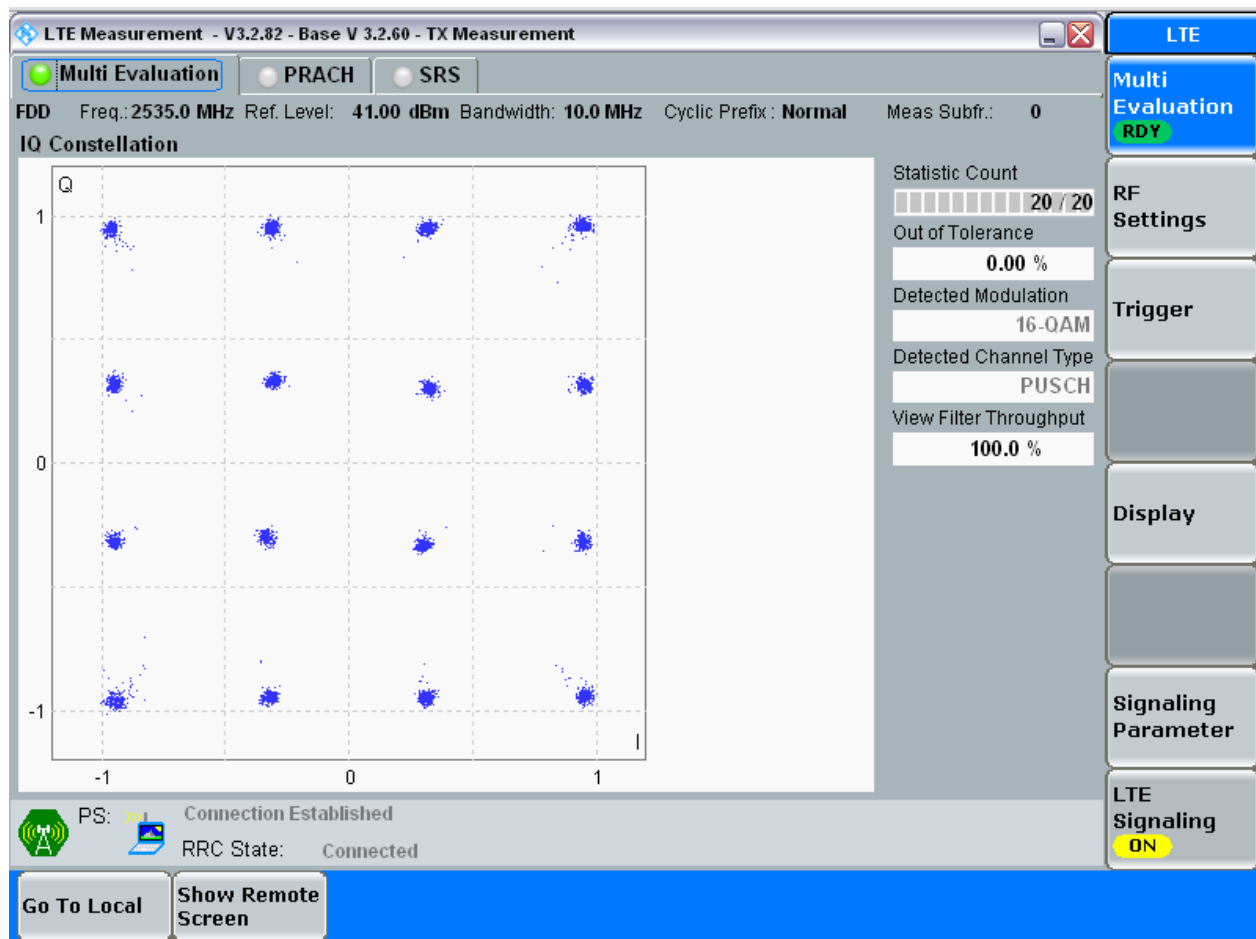
3.2.1.2.1.1.1 Test RB = RB25#0



3.2.1.2.2 Test Bandwidth = 10

3.2.1.2.2.1 Test Channel = MCH

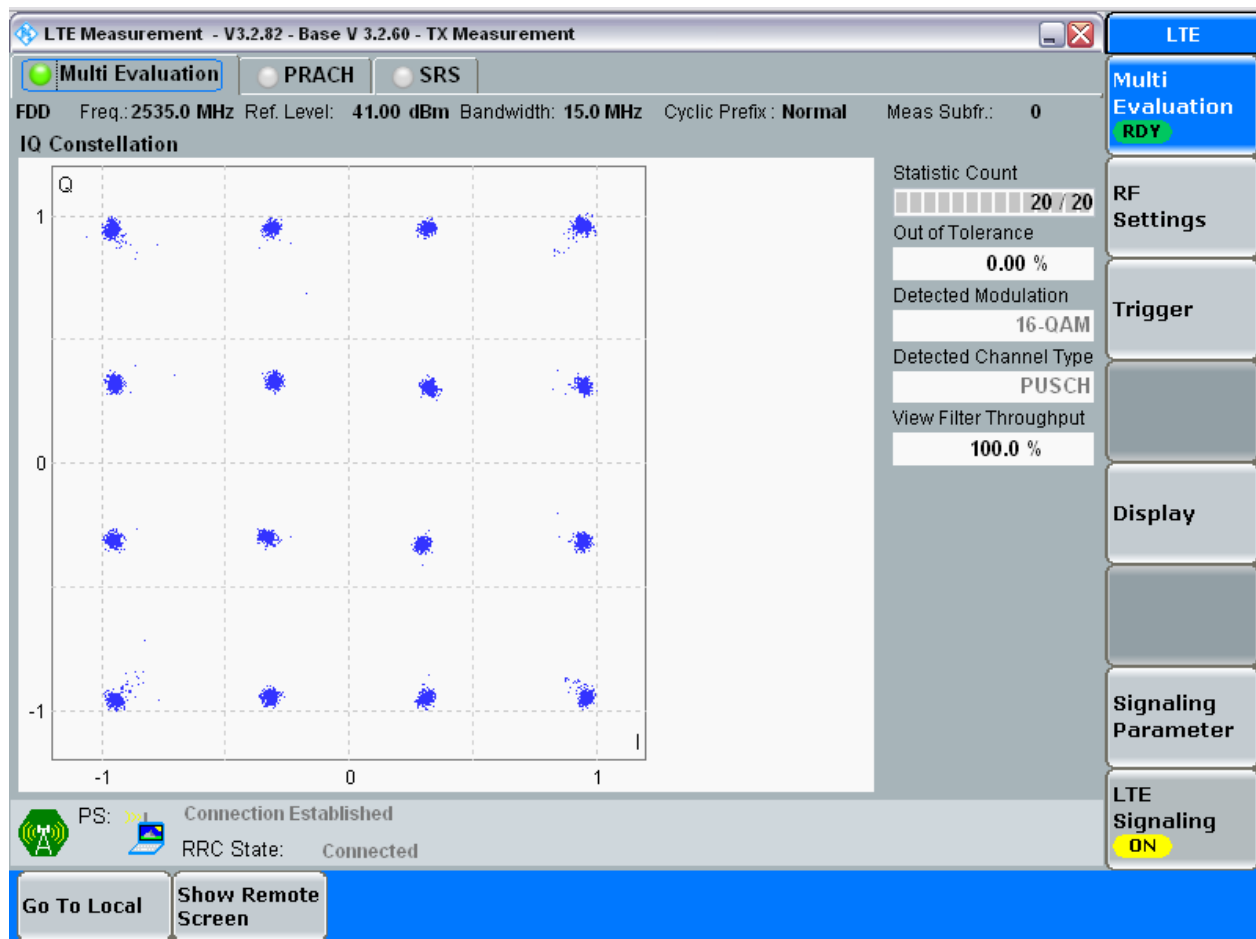
3.2.1.2.2.1.1 Test RB = RB50#0



3.2.1.2.3 Test Bandwidth = 15

3.2.1.2.3.1 Test Channel = MCH

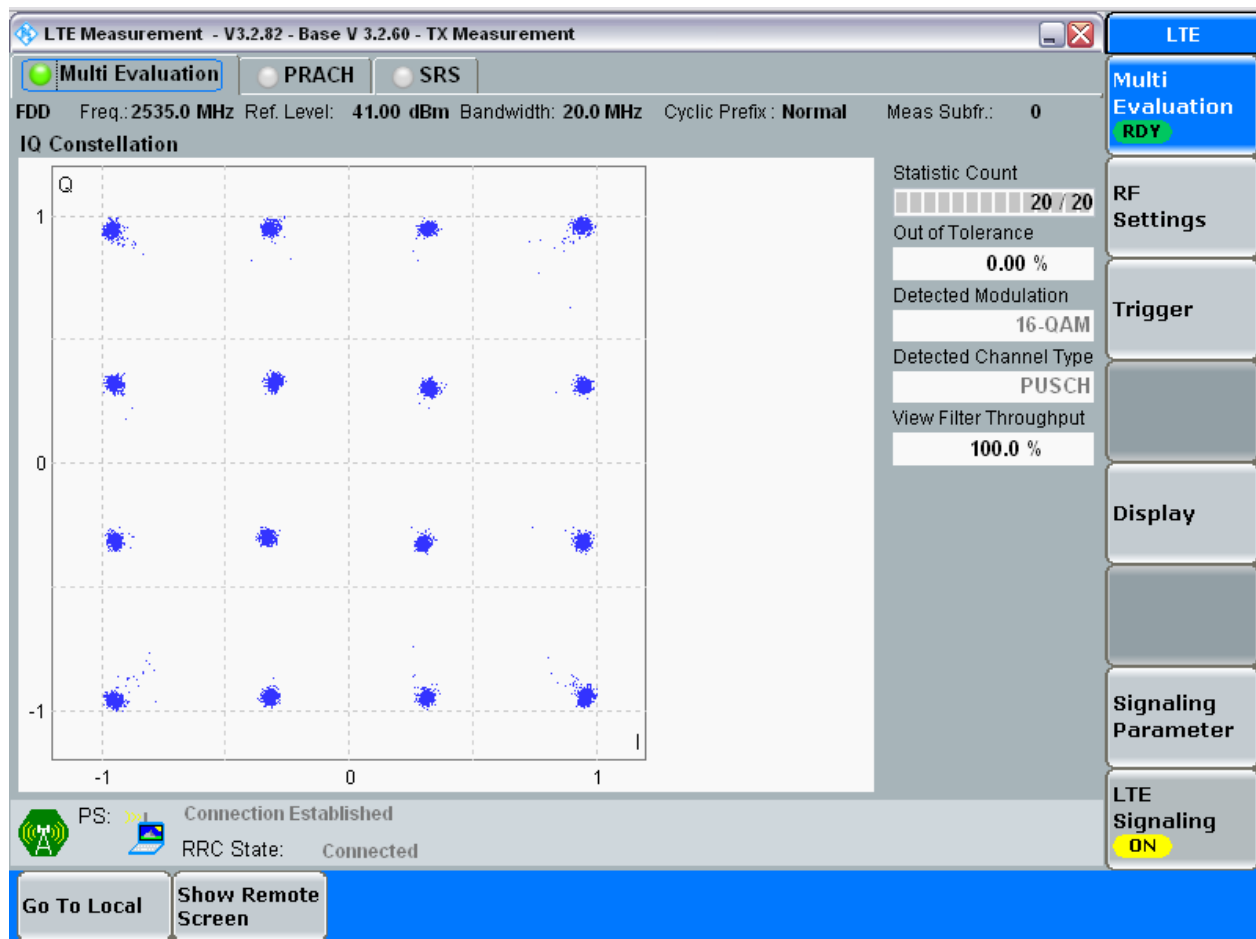
3.2.1.2.3.1.1 Test RB = RB75#0



3.2.1.2.4 Test Bandwidth = 20

3.2.1.2.4.1 Test Channel = MCH

3.2.1.2.4.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	242.70	313.09	Pass
		MCH	242.62	312.08	Pass
		HCH	244.14	314.23	Pass
	GSM/TM2	LCH	243.77	312.99	Pass
		MCH	243.39	313.99	Pass
		HCH	244.41	302.66	Pass
GSM1900	GSM/TM1	LCH	247.50	317.59	Pass
		MCH	243.31	315.58	Pass
		HCH	244.58	319.00	Pass
	GSM/TM2	LCH	248.23	315.37	Pass
		MCH	245.65	313.39	Pass
		HCH	244.21	314.73	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND7	LTE/TM1	5	LCH	RB25#0	4.51	4.94	Pass
			MCH	RB25#0	4.51	4.89	Pass
			HCH	RB25#0	4.50	4.91	Pass
		10	LCH	RB50#0	9.00	9.68	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	9.00	9.67	Pass
		15	LCH	RB75#0	13.49	14.38	Pass
			MCH	RB75#0	13.48	14.33	Pass
			HCH	RB75#0	13.49	14.38	Pass
		20	LCH	RB100#0	17.95	18.98	Pass
			MCH	RB100#0	17.93	18.95	Pass
			HCH	RB100#0	17.98	19.01	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.89	Pass
			MCH	RB25#0	4.52	4.90	Pass
			HCH	RB25#0	4.51	4.90	Pass
		10	LCH	RB50#0	9.00	9.66	Pass
			MCH	RB50#0	9.00	9.64	Pass
			HCH	RB50#0	8.99	9.63	Pass
		15	LCH	RB75#0	13.50	14.31	Pass
			MCH	RB75#0	13.48	14.30	Pass
			HCH	RB75#0	13.49	14.28	Pass
		20	LCH	RB100#0	17.97	19.01	Pass
			MCH	RB100#0	17.93	18.99	Pass
			HCH	RB100#0	17.98	18.99	Pass



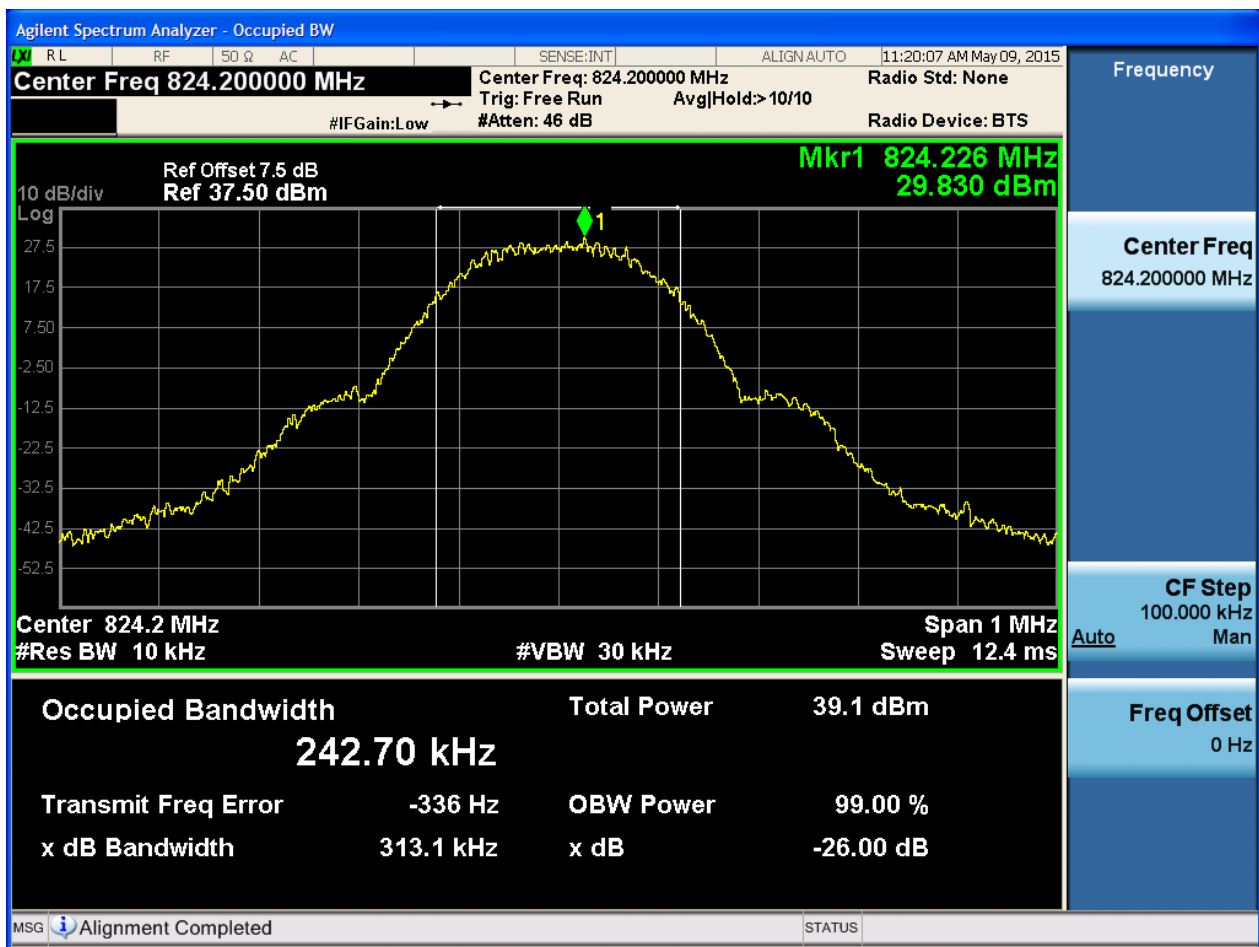
Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

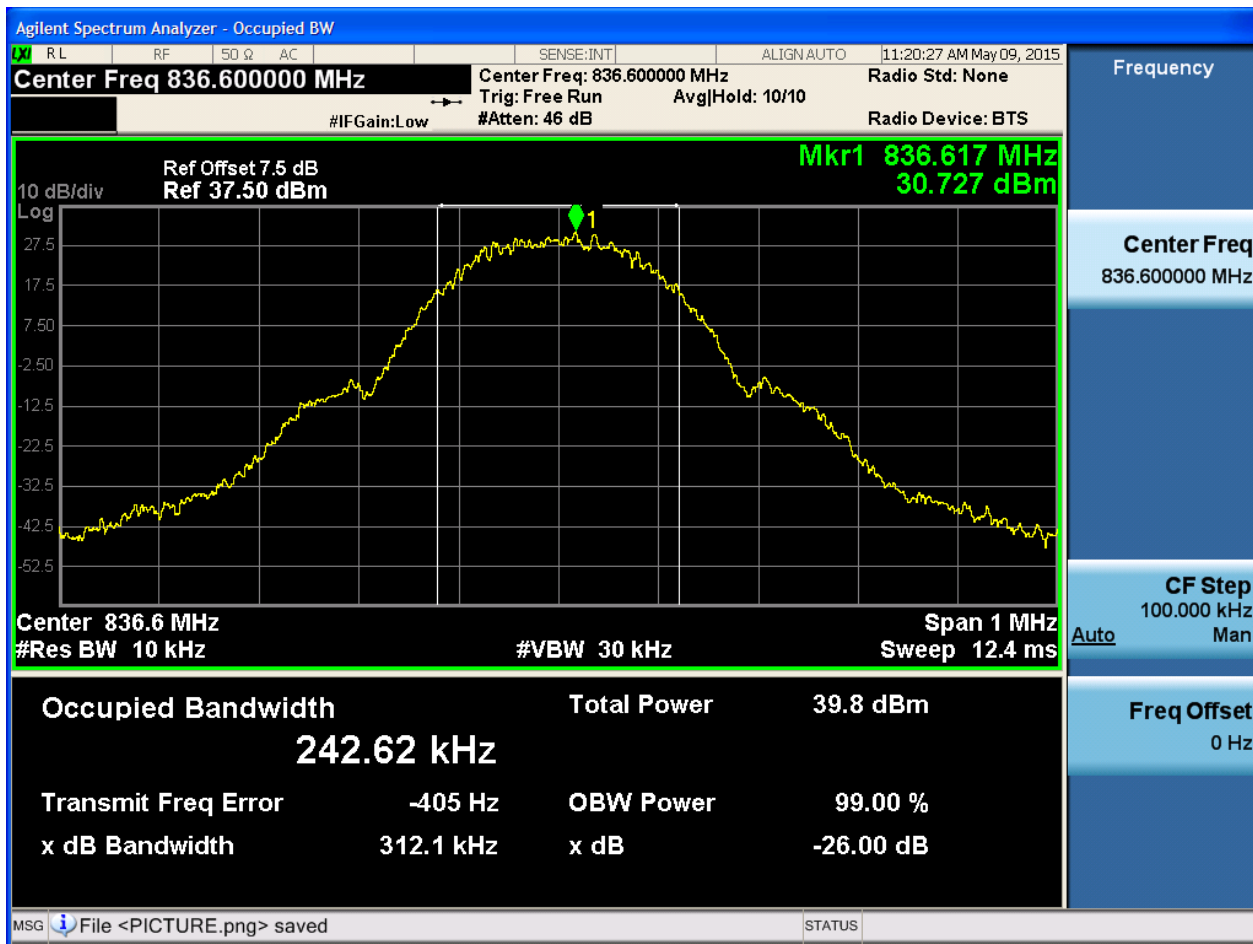
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH



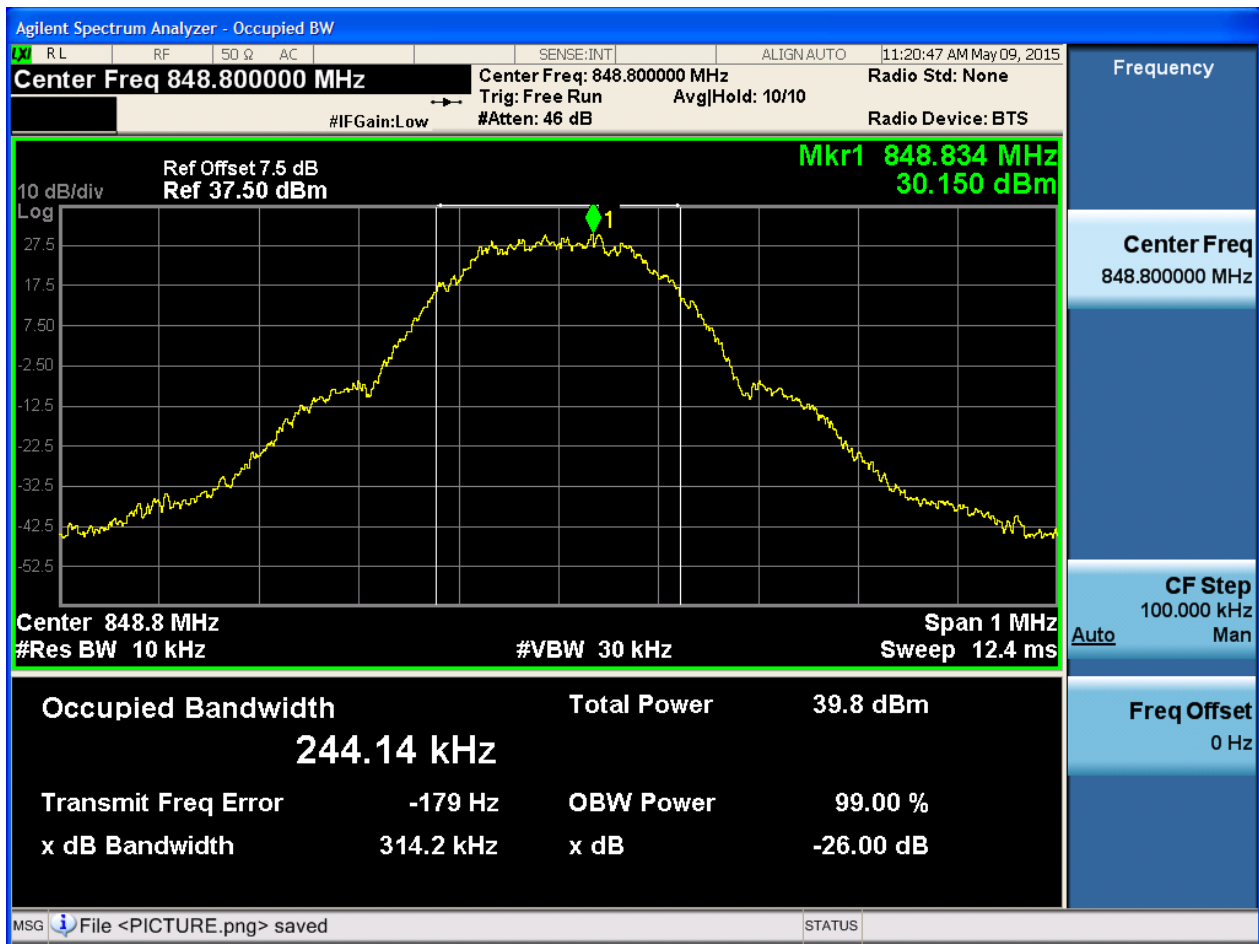


4.1.1.1.2 Test Channel = MCH





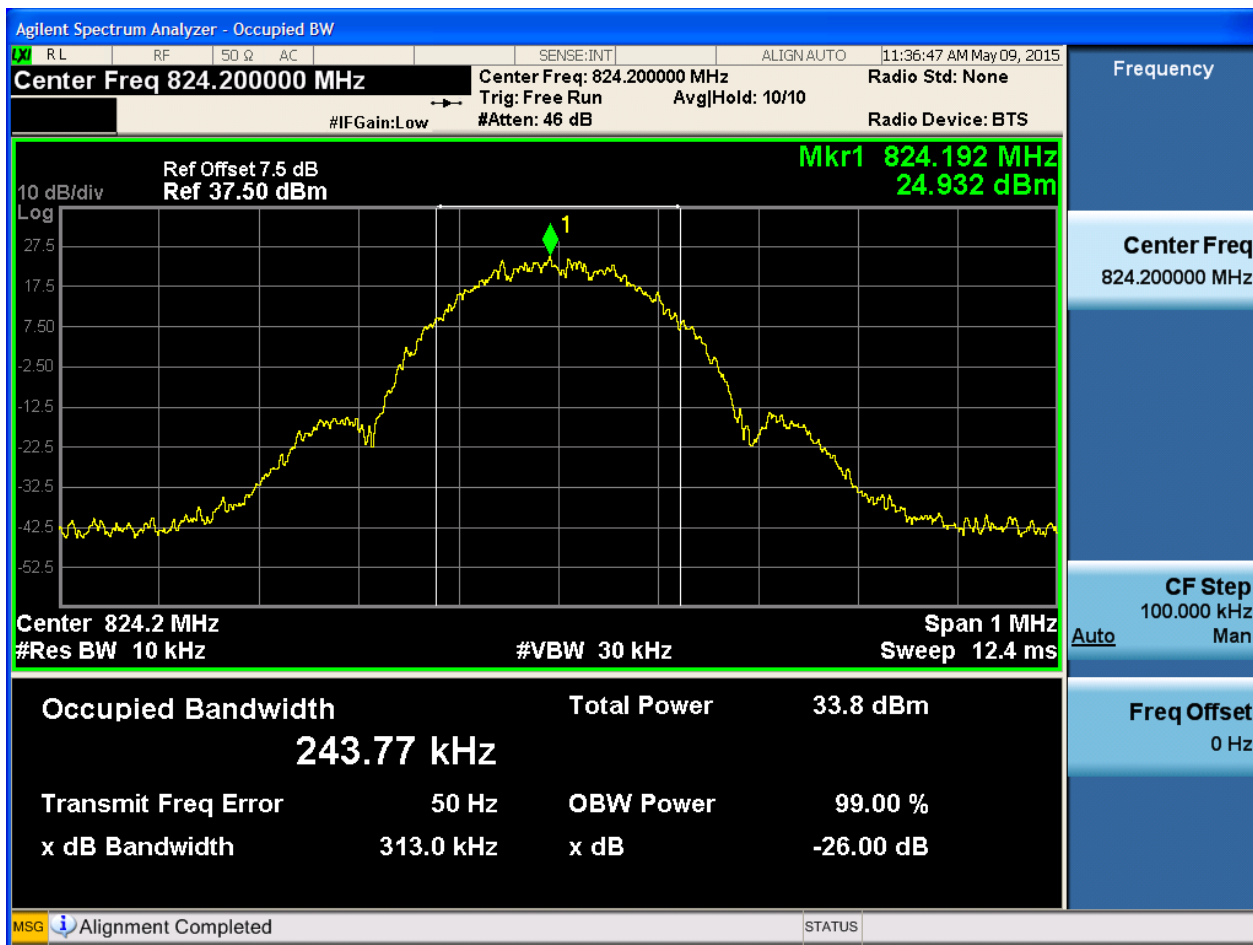
4.1.1.1.3 Test Channel = HCH





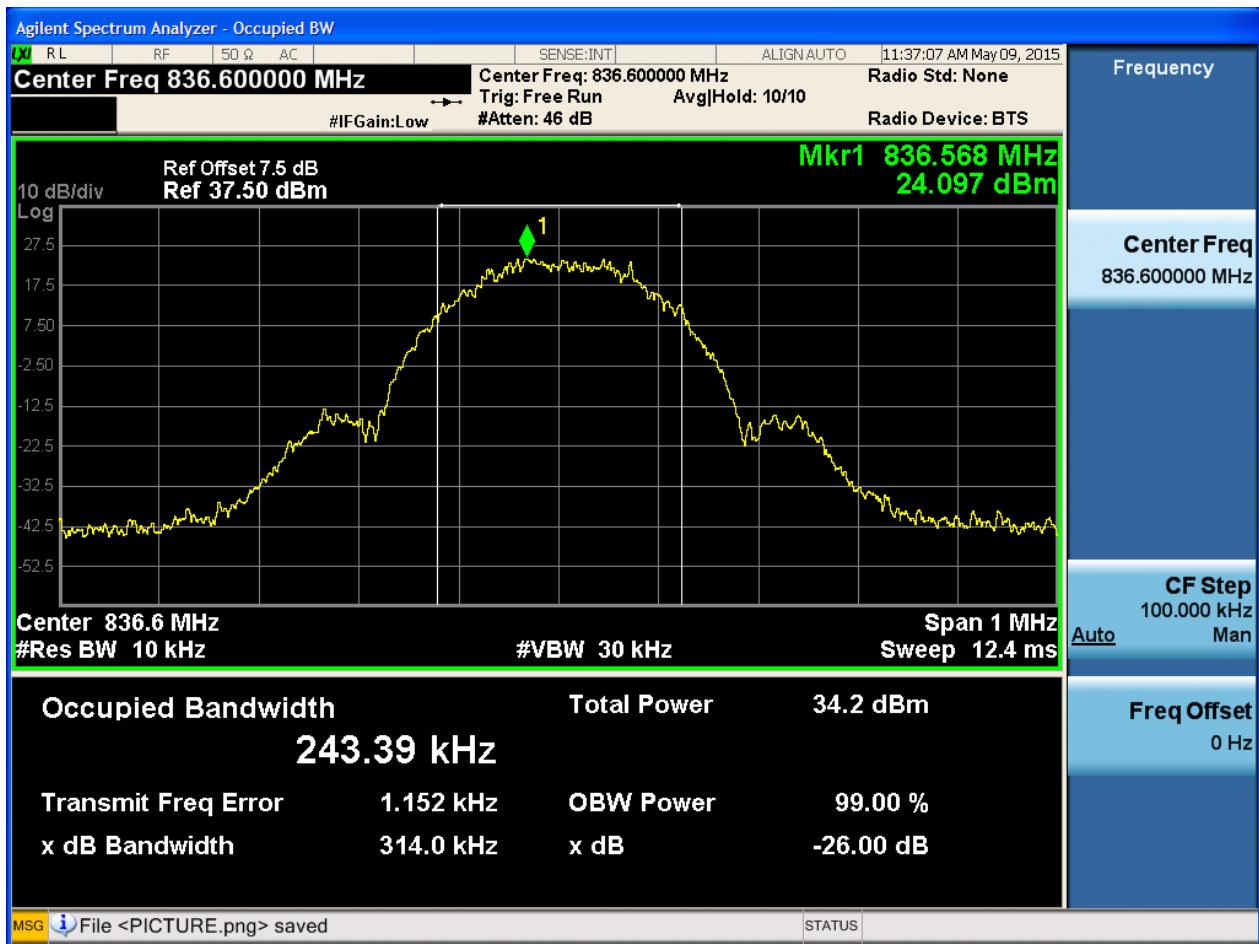
4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



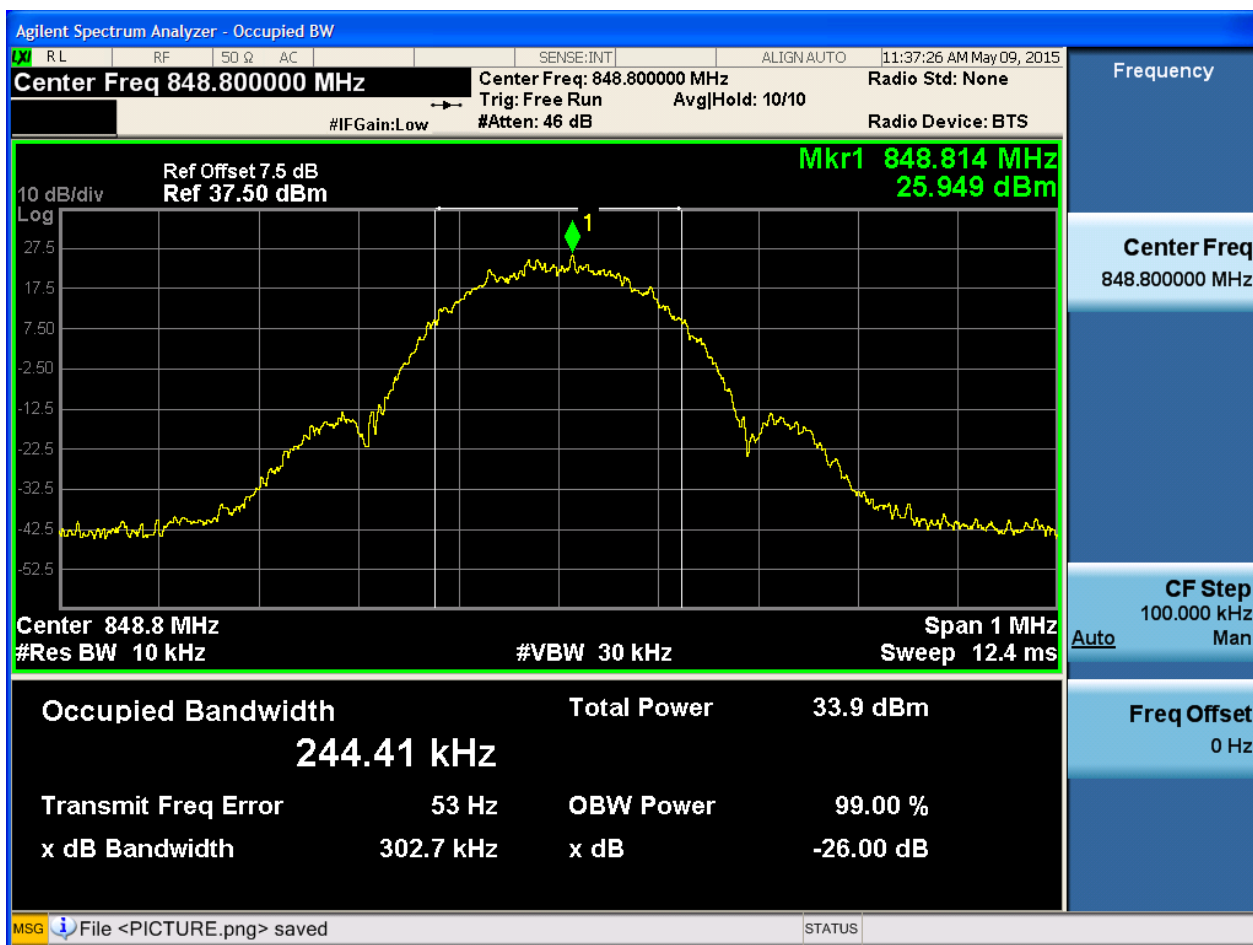


4.1.1.2.2 Test Channel = MCH





4.1.1.2.3 Test Channel = HCH

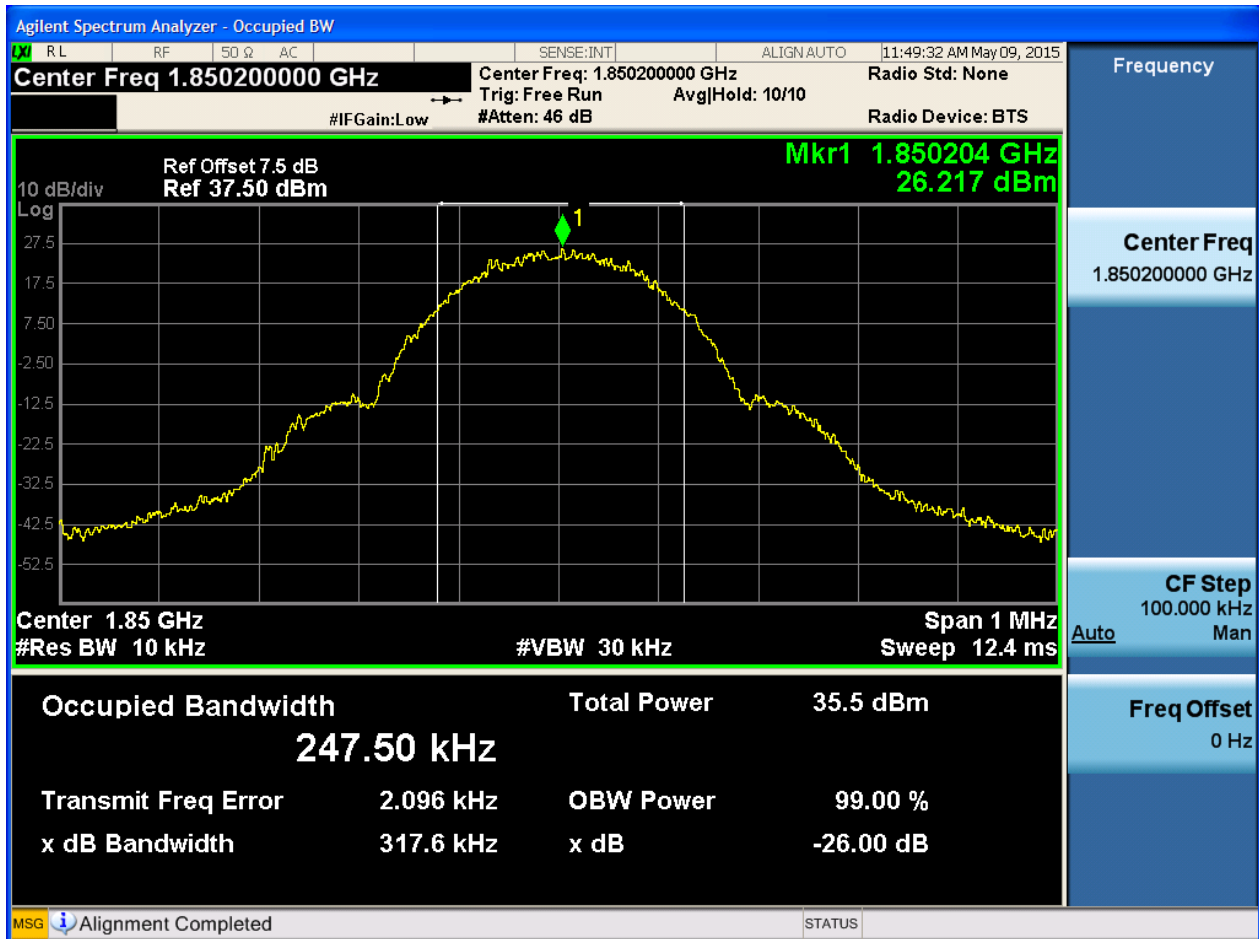




4.1.2 Test Band = GSM1900

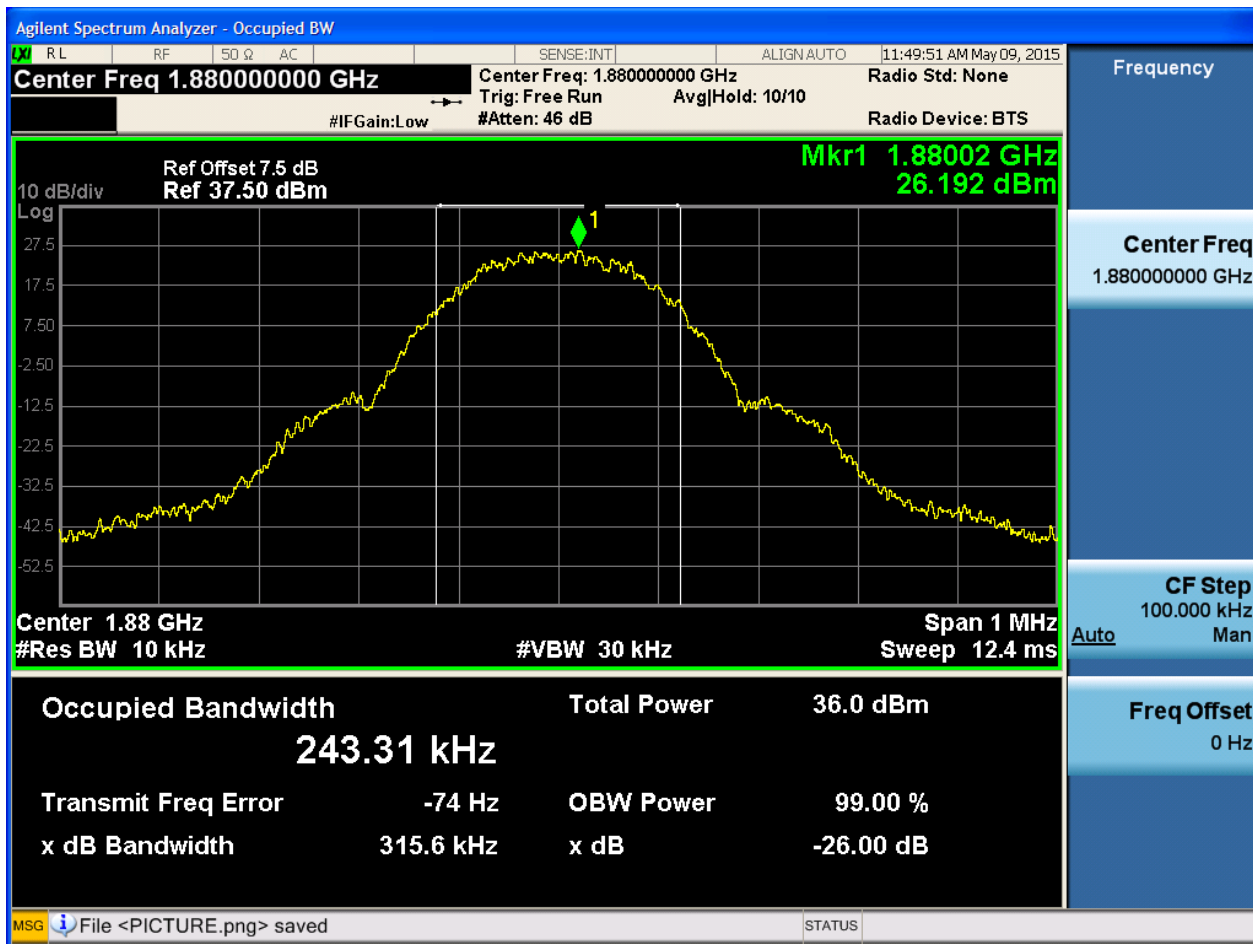
4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



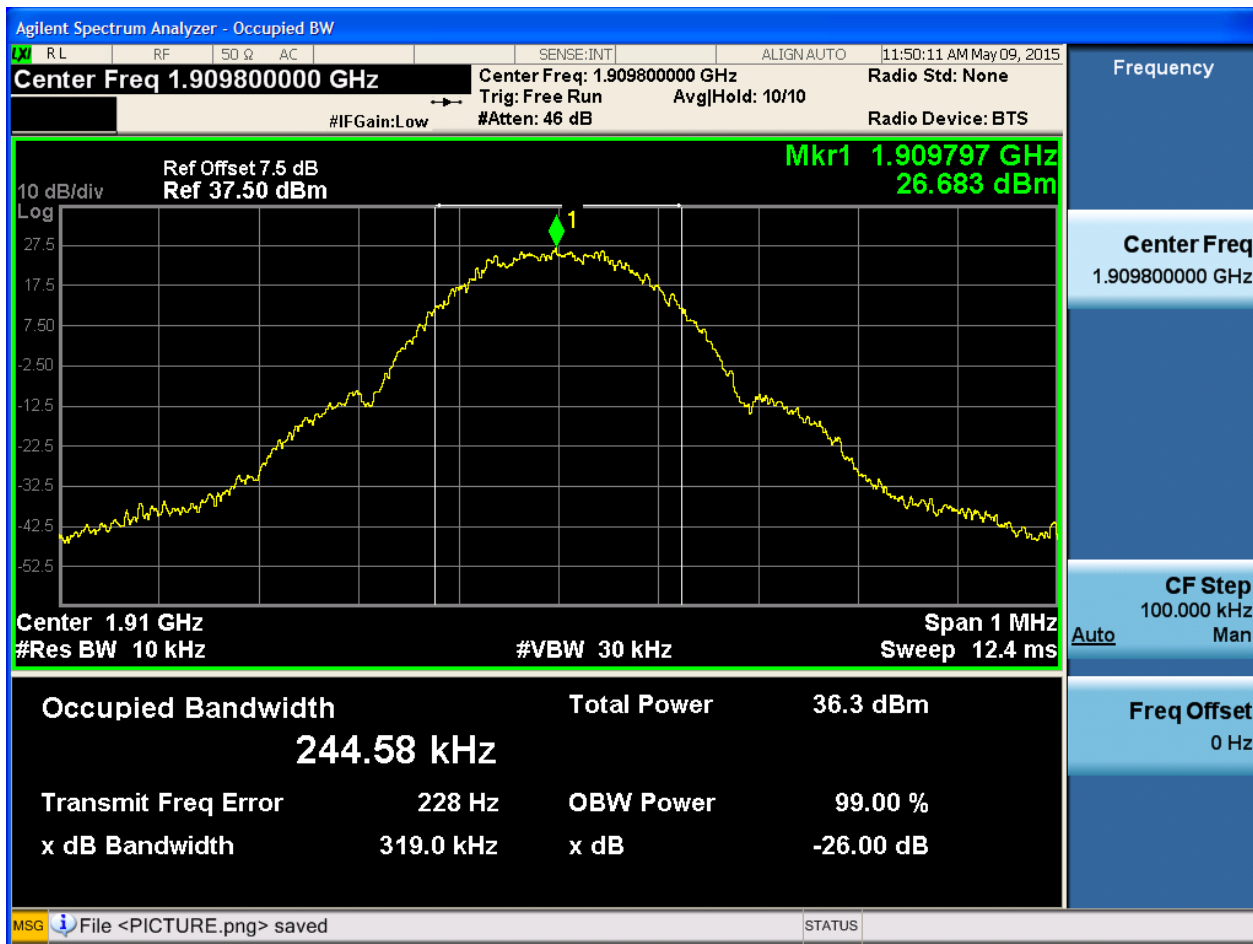


4.1.2.1.2 Test Channel = MCH





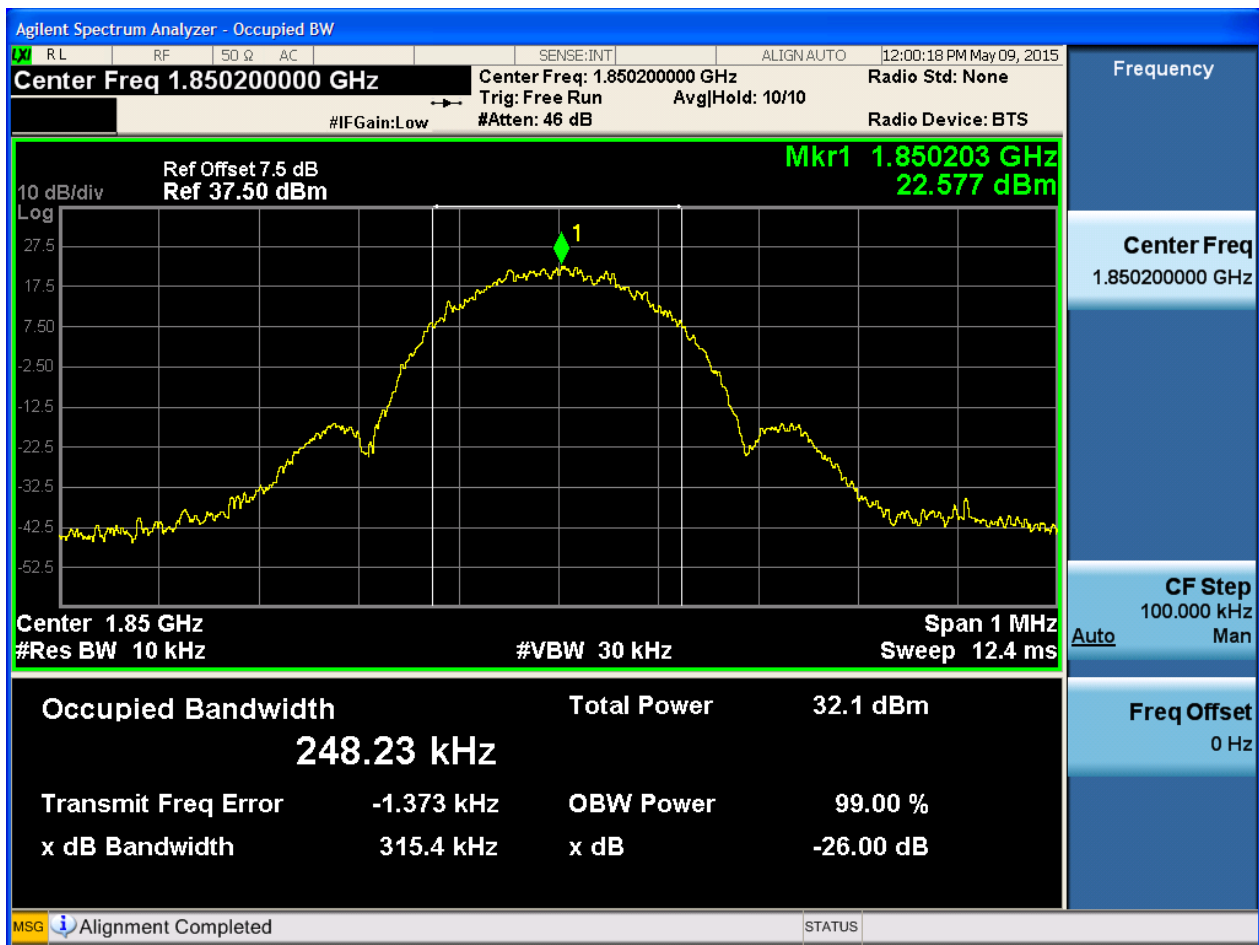
4.1.2.1.3 Test Channel = HCH





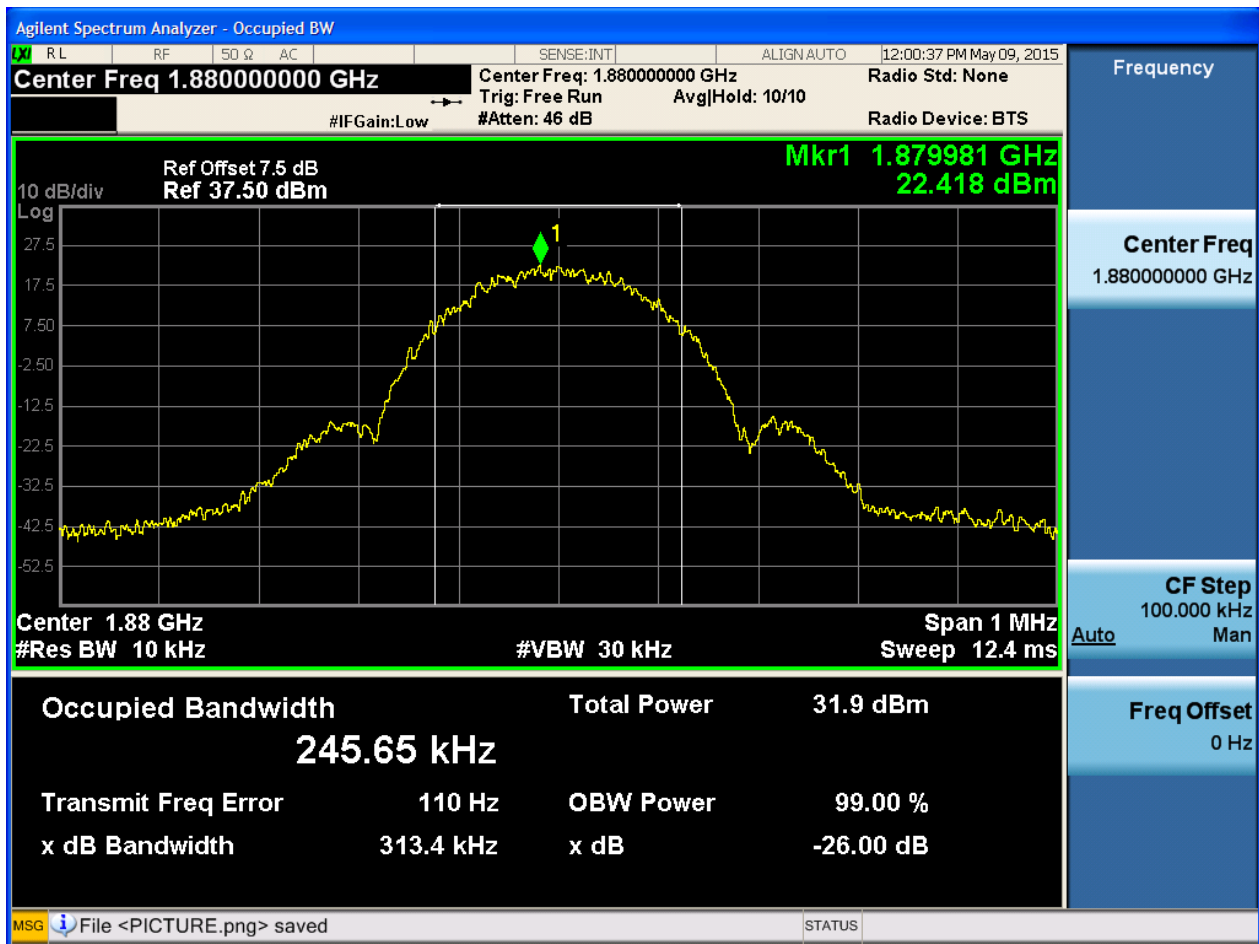
4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH



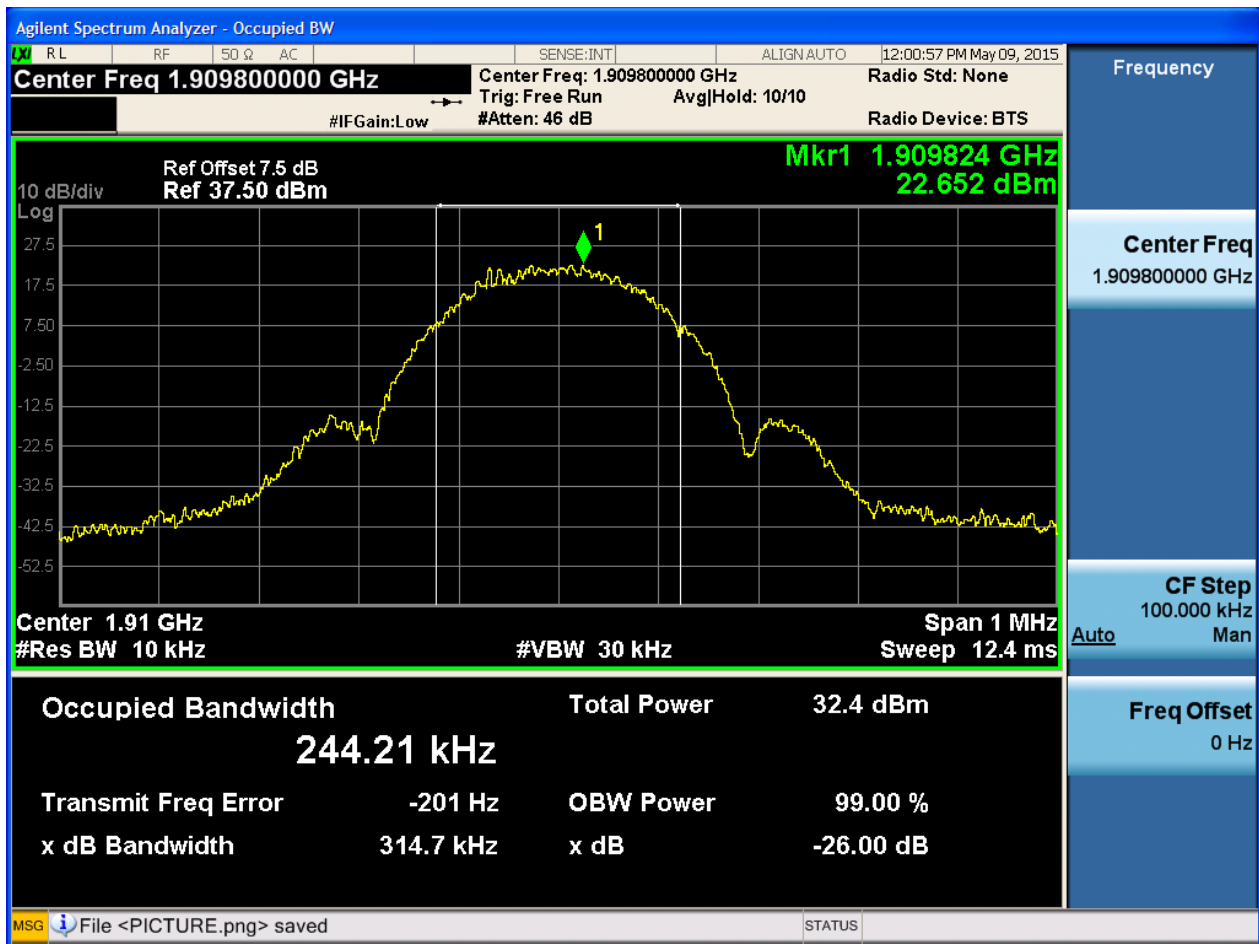


4.1.2.2.2 Test Channel = MCH





4.1.2.2.3 Test Channel = HCH





4.2 For LTE

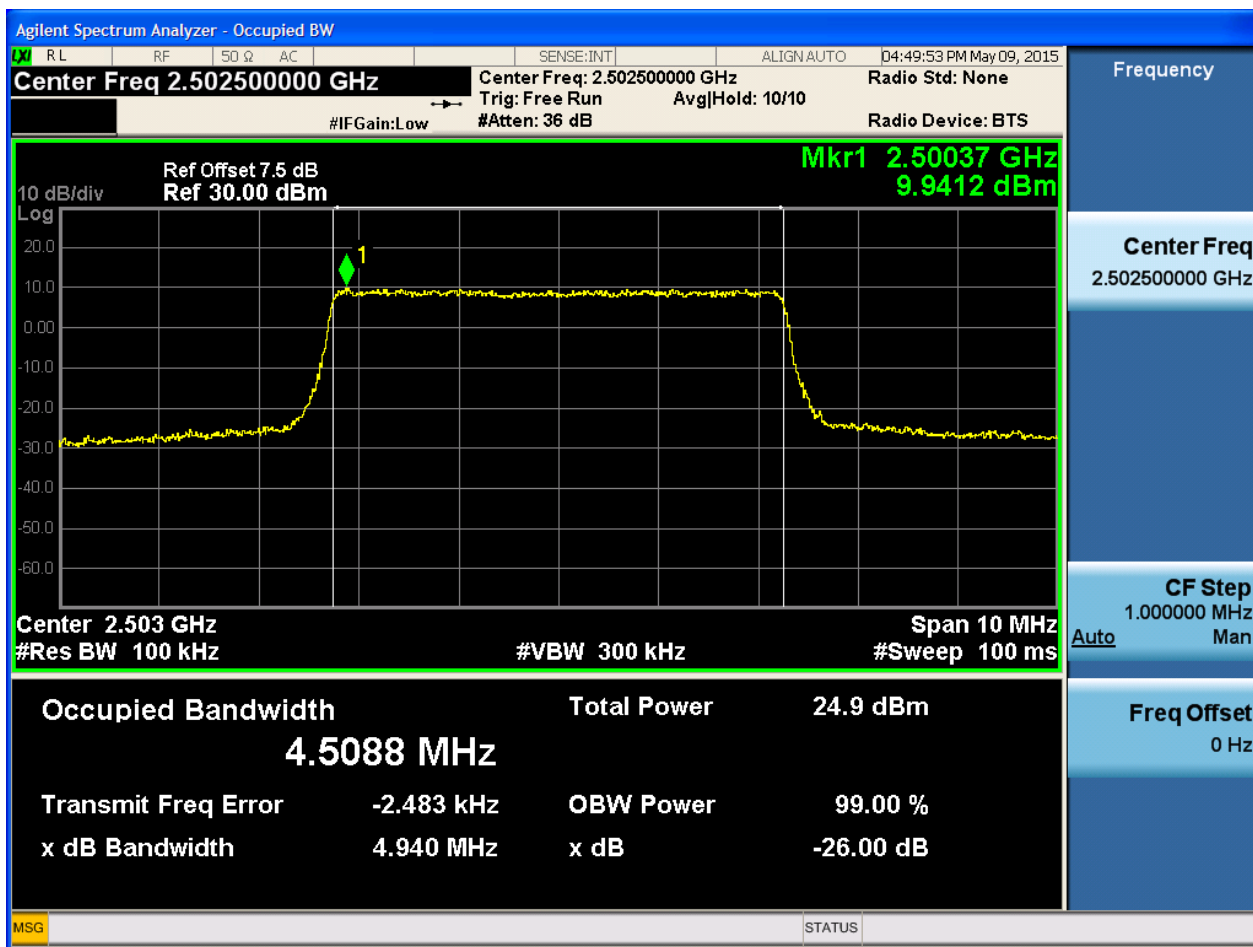
4.2.1 Test Band = BAND7

4.2.1.1 Test Mode = LTE/TM1

4.2.1.1.1 Test Bandwidth = 5

4.2.1.1.1.1 Test Channel = LCH

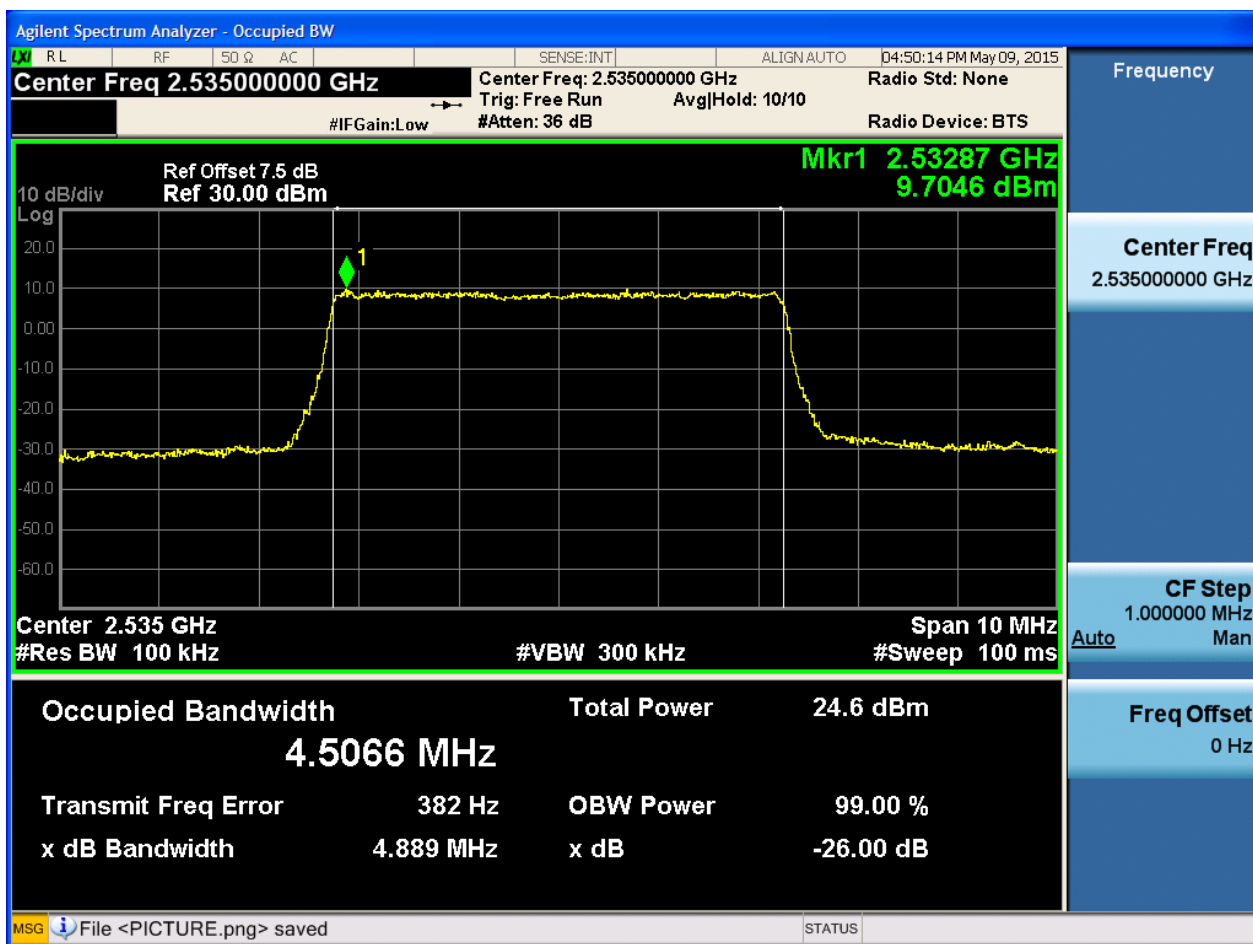
4.2.1.1.1.1.1 Test RB = RB25#0





4.2.1.1.1.2 Test Channel = MCH

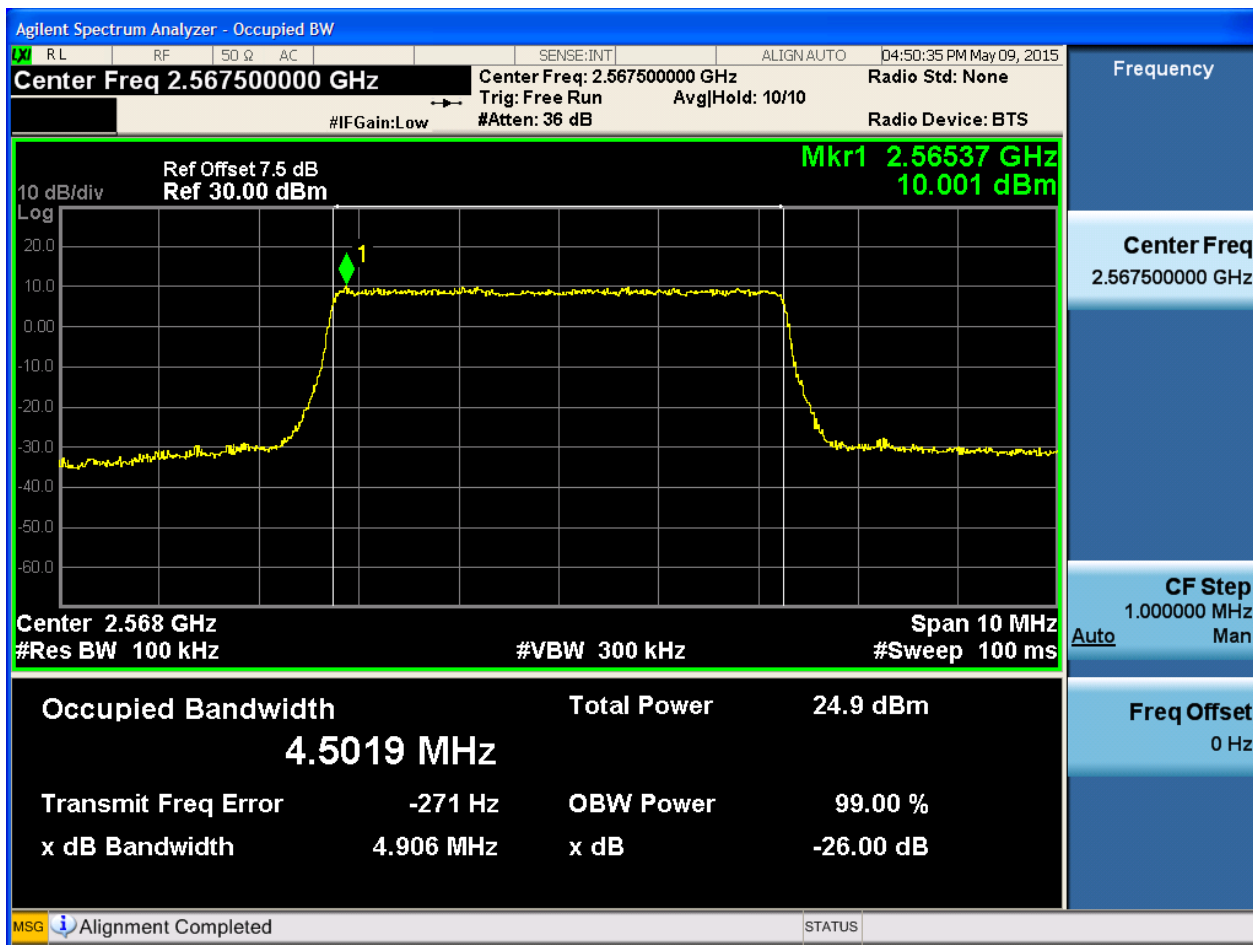
4.2.1.1.1.2.1 Test RB = RB25#0





4.2.1.1.1.3 Test Channel = HCH

4.2.1.1.1.3.1 Test RB = RB25#0

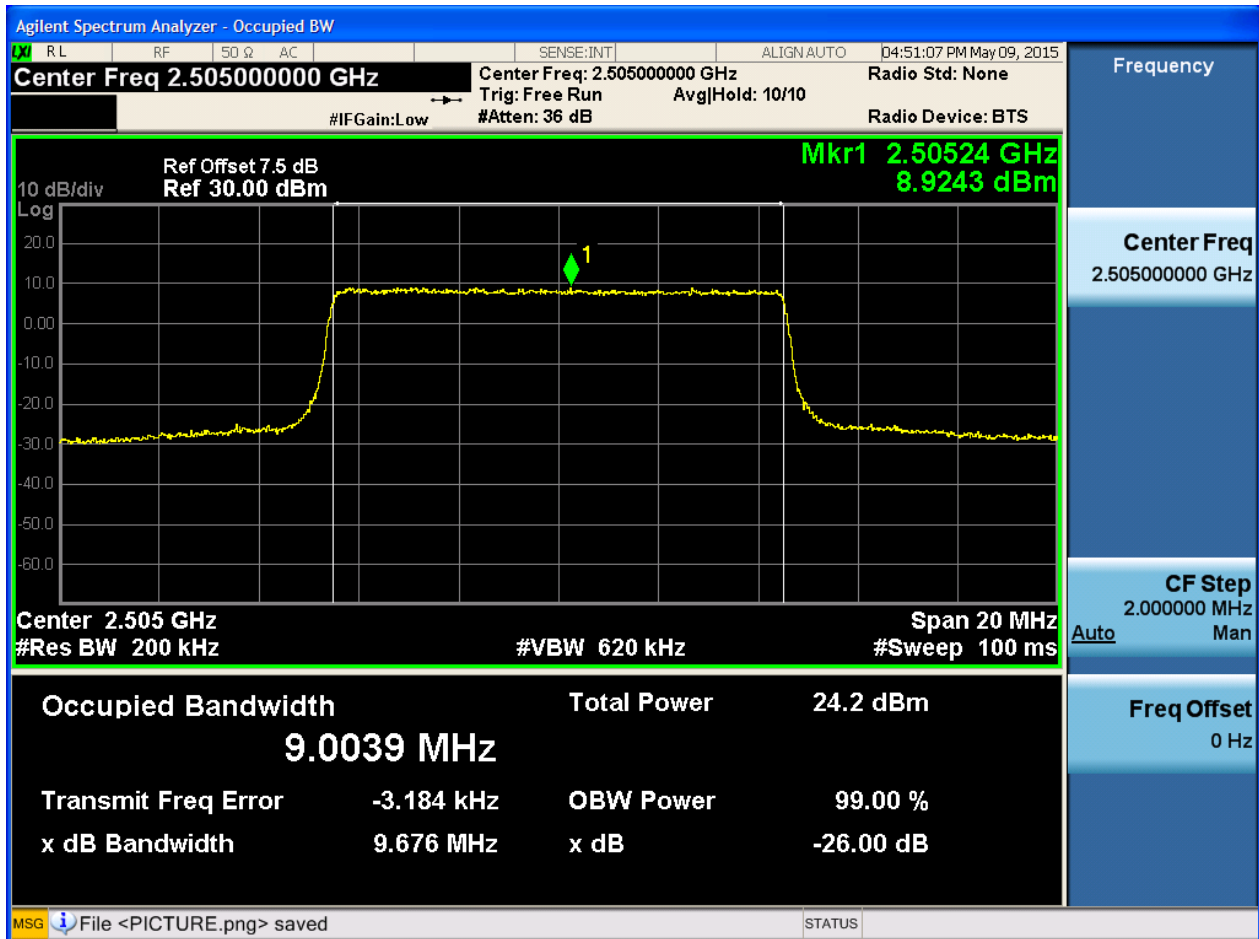




4.2.1.1.2 Test Bandwidth = 10

4.2.1.1.2.1 Test Channel = LCH

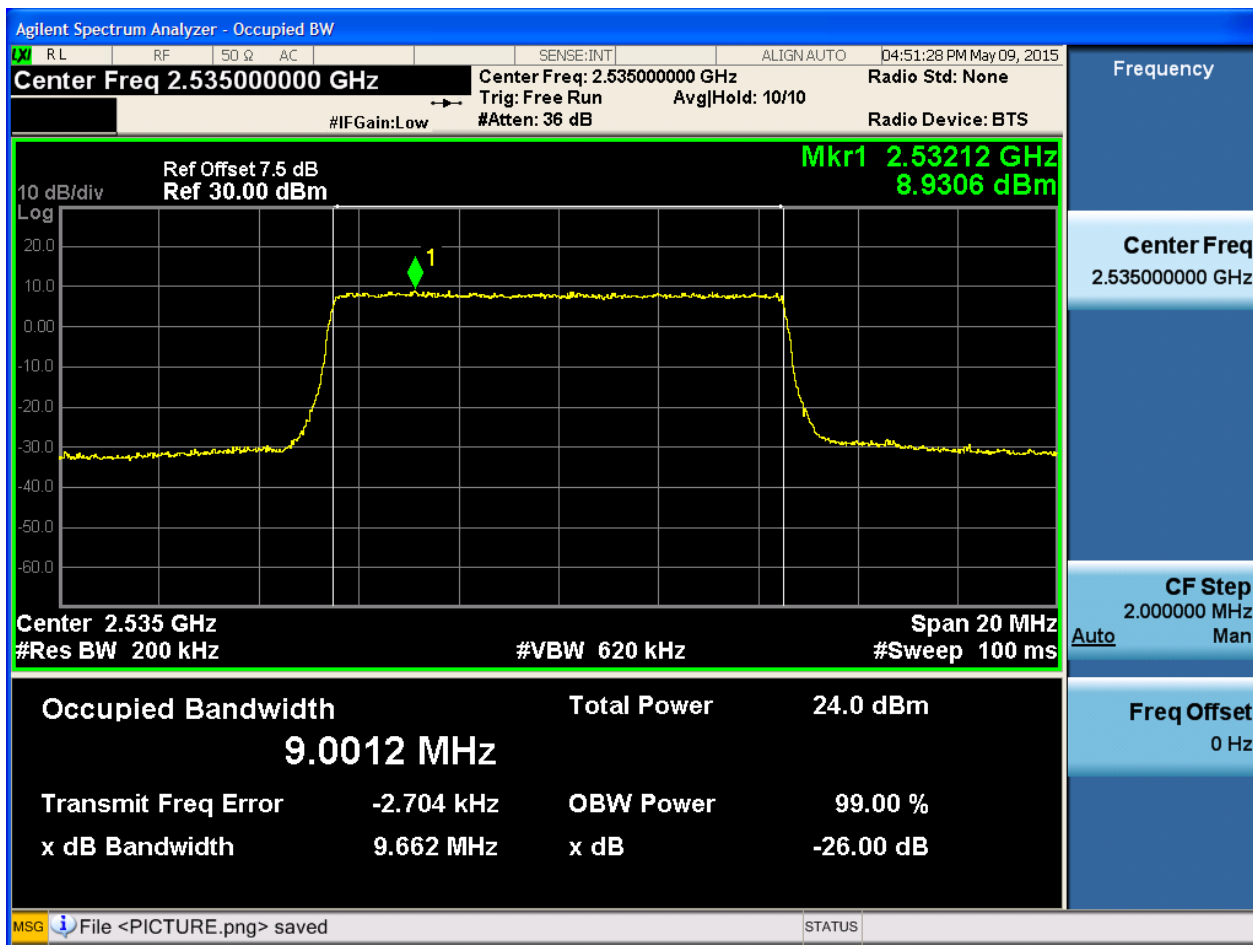
4.2.1.1.2.1.1 Test RB = RB50#0





4.2.1.1.2.2 Test Channel = MCH

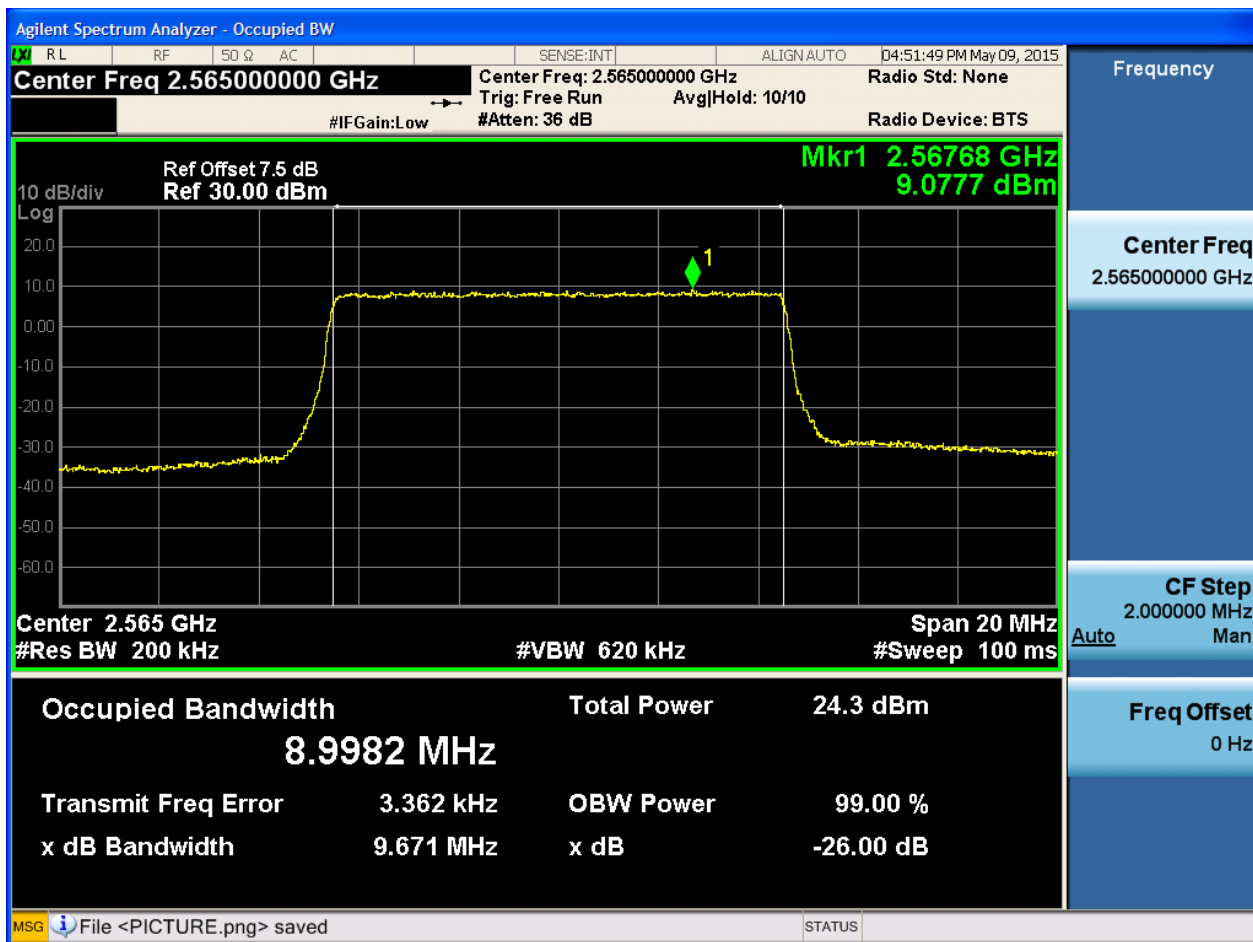
4.2.1.1.2.2.1 Test RB = RB50#0





4.2.1.1.2.3 Test Channel = HCH

4.2.1.1.2.3.1 Test RB = RB50#0

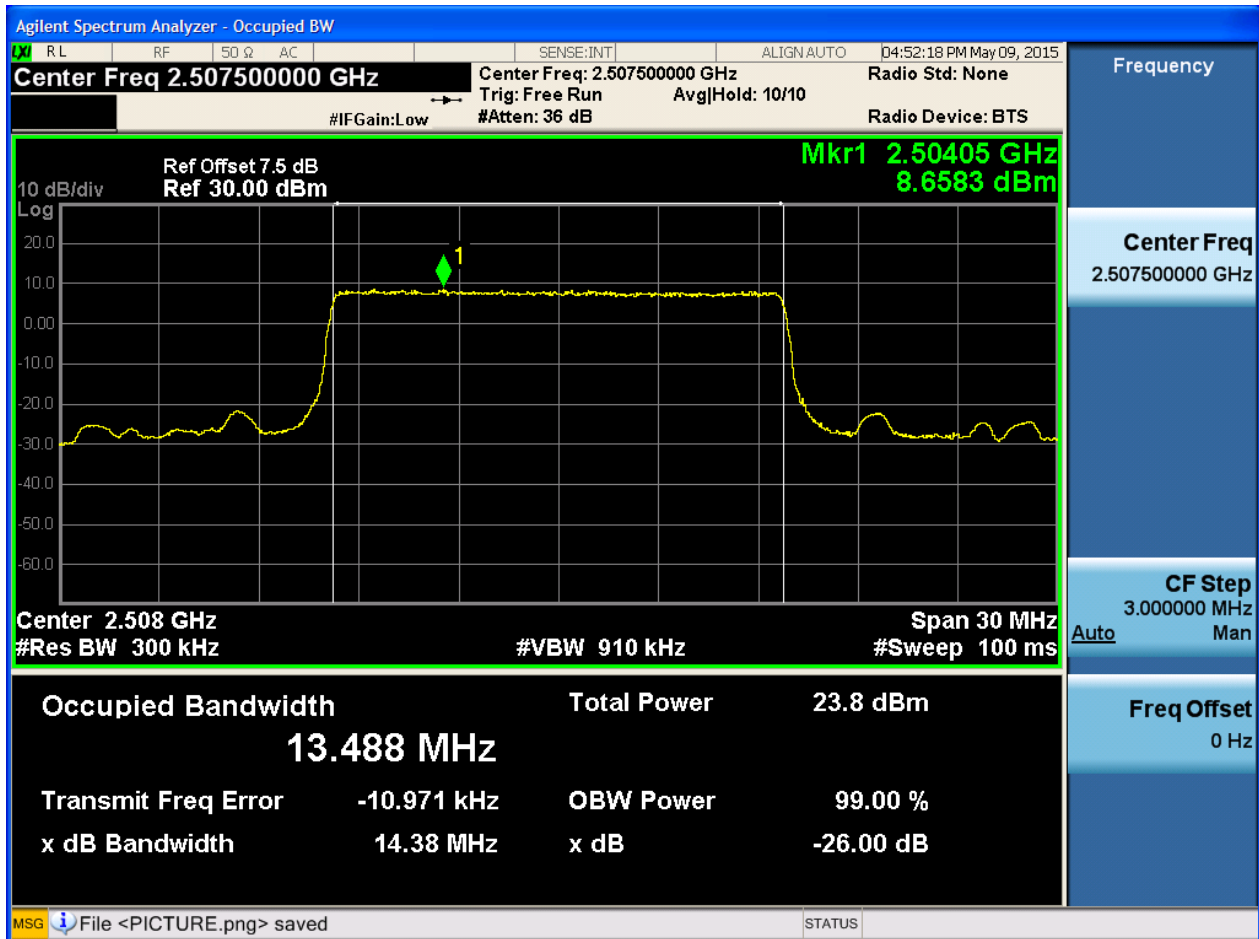




4.2.1.1.3 Test Bandwidth = 15

4.2.1.1.3.1 Test Channel = LCH

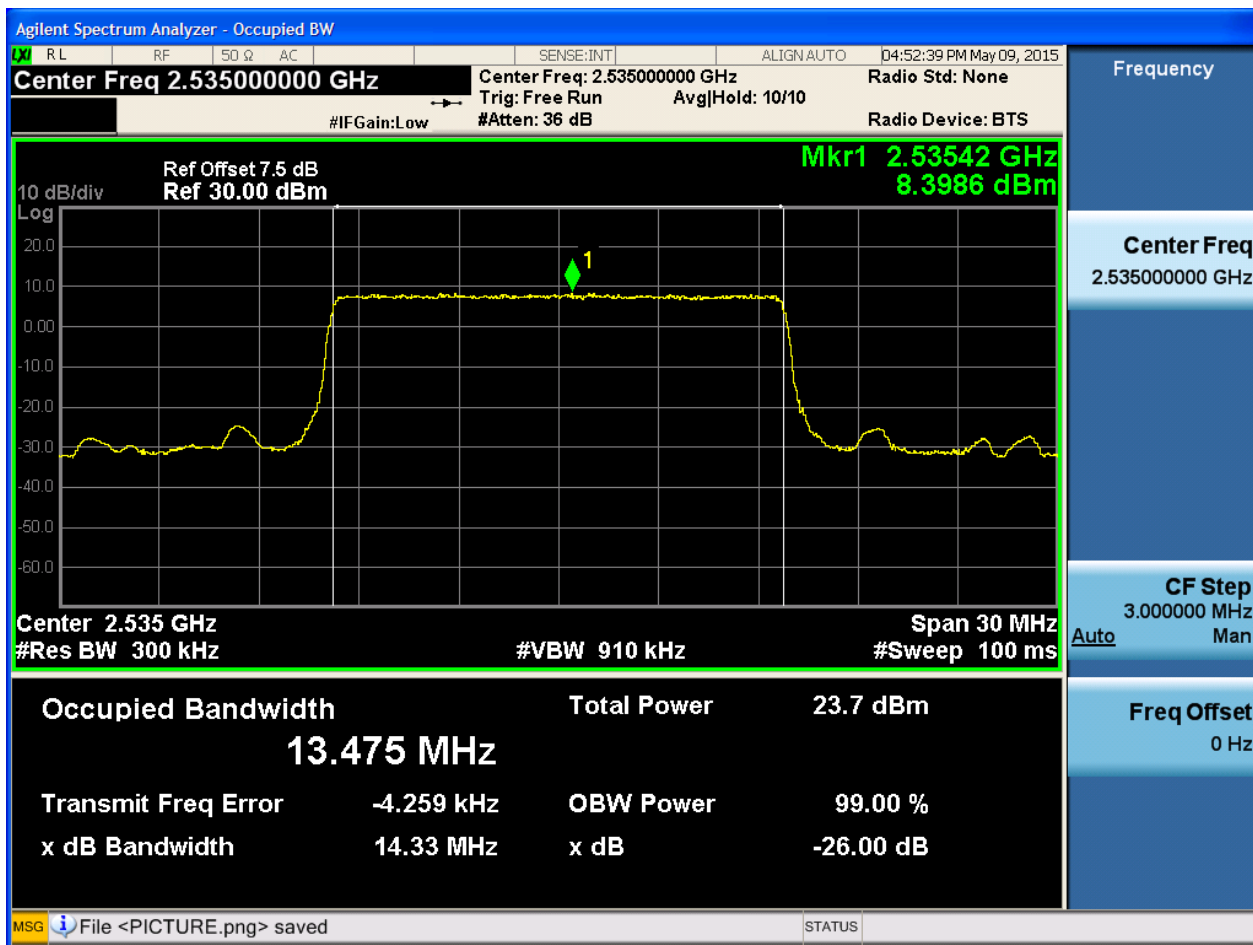
4.2.1.1.3.1.1 Test RB = RB75#0





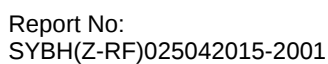
4.2.1.1.3.2 Test Channel = MCH

4.2.1.1.3.2.1 Test RB = RB75#0





4.2.1.1.3.3.1 Test RB = RB75#0

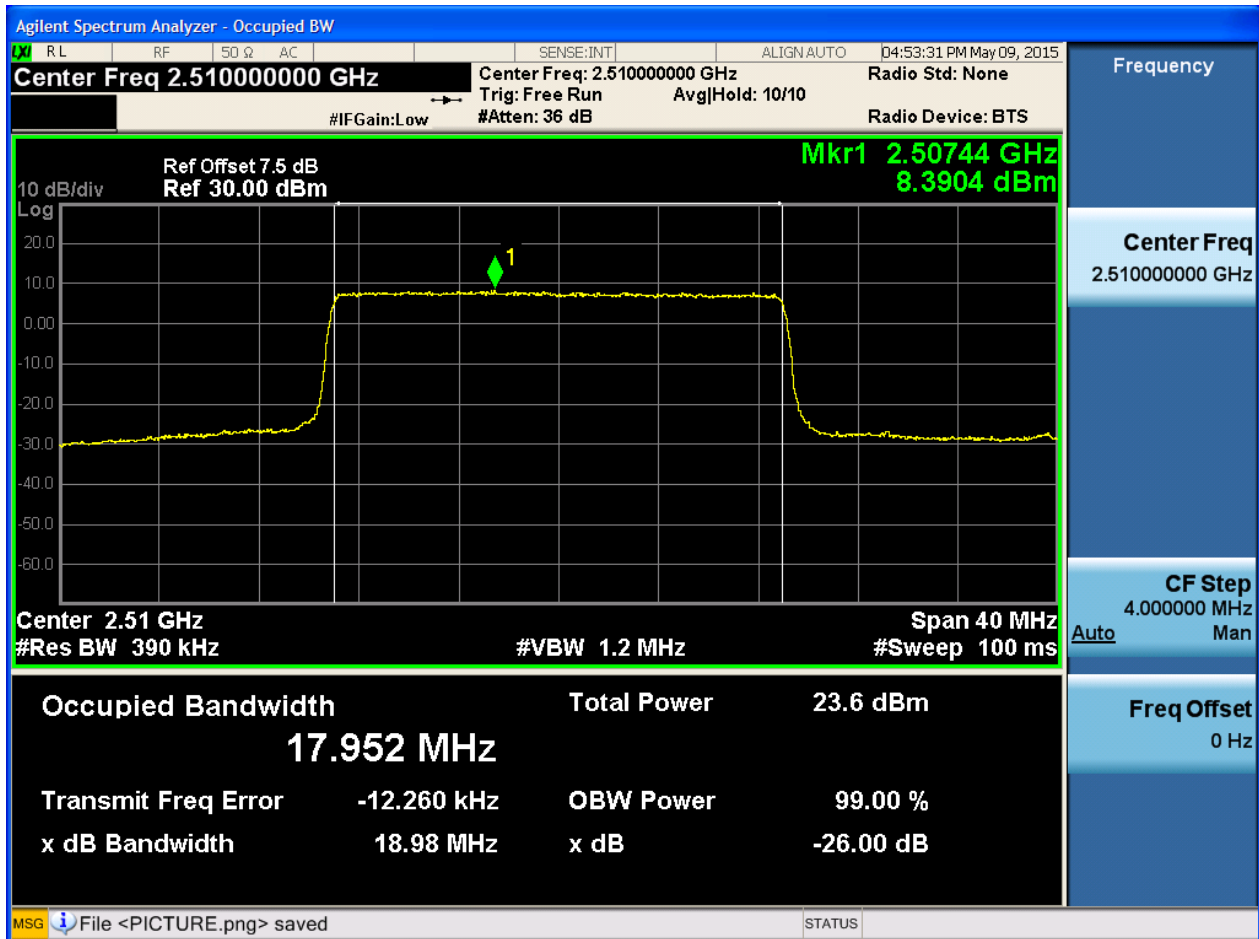




4.2.1.1.4 Test Bandwidth = 20

4.2.1.1.4.1 Test Channel = LCH

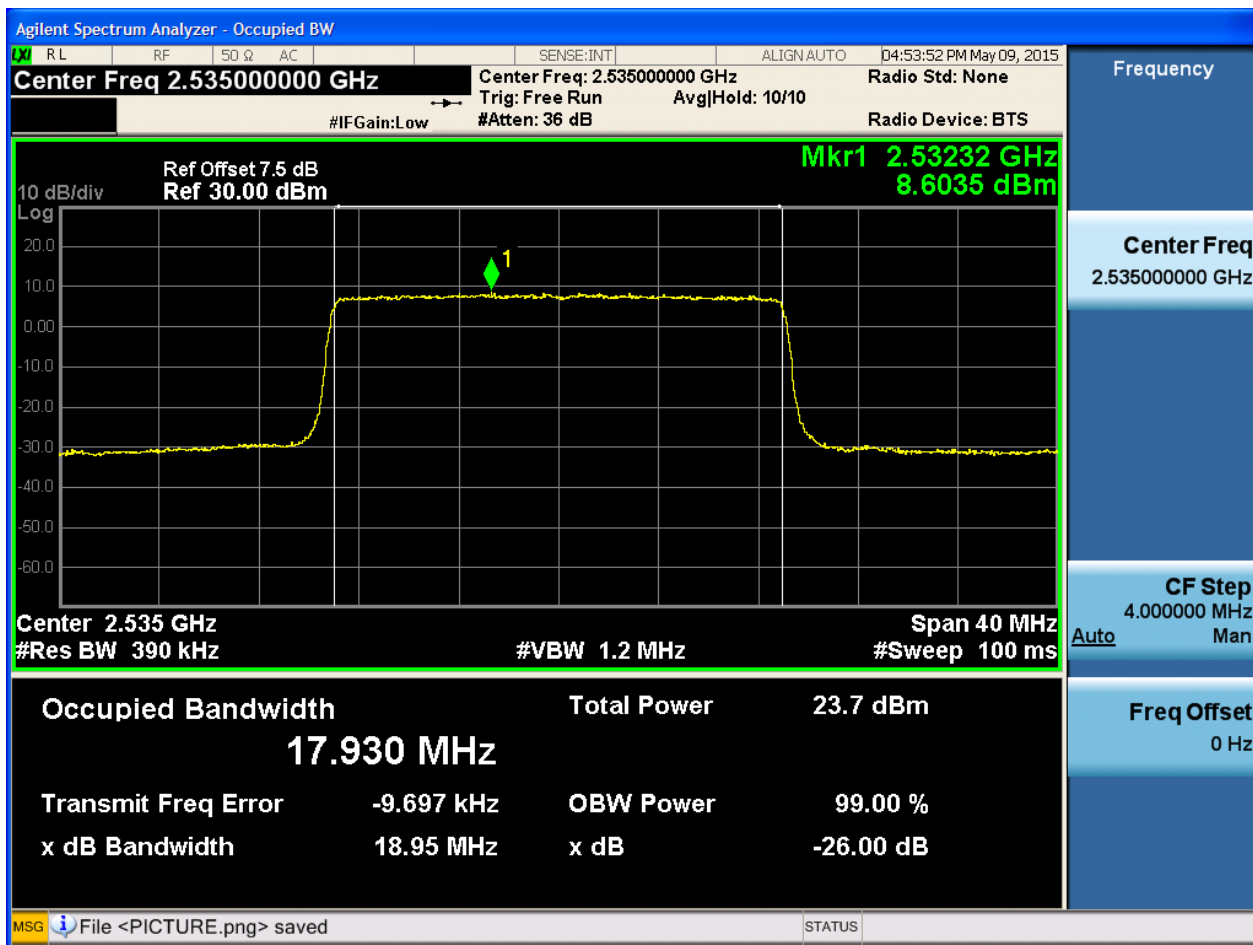
4.2.1.1.4.1.1 Test RB = RB100#0





4.2.1.1.4.2 Test Channel = MCH

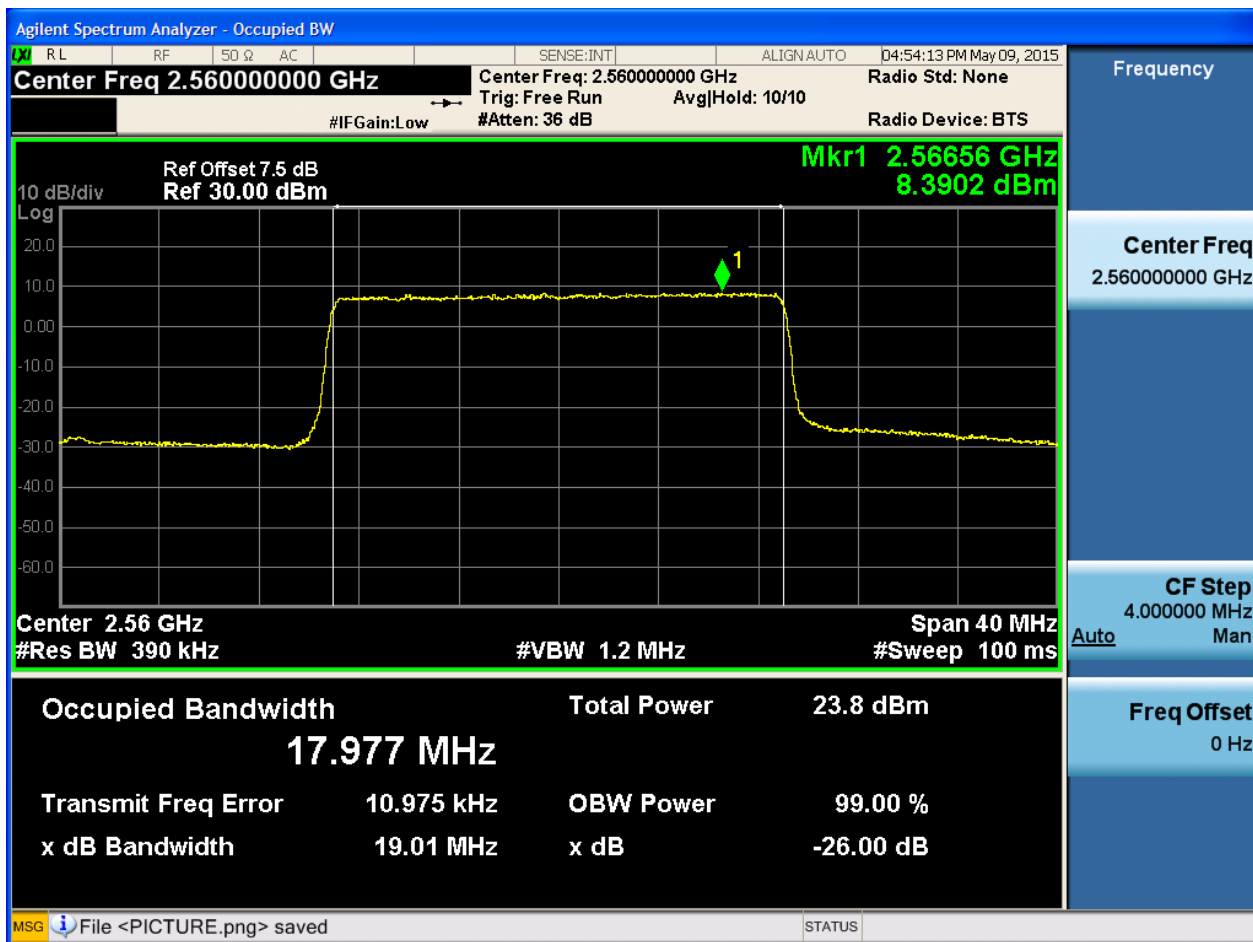
4.2.1.1.4.2.1 Test RB = RB100#0





4.2.1.1.4.3 Test Channel = HCH

4.2.1.1.4.3.1 Test RB = RB100#0



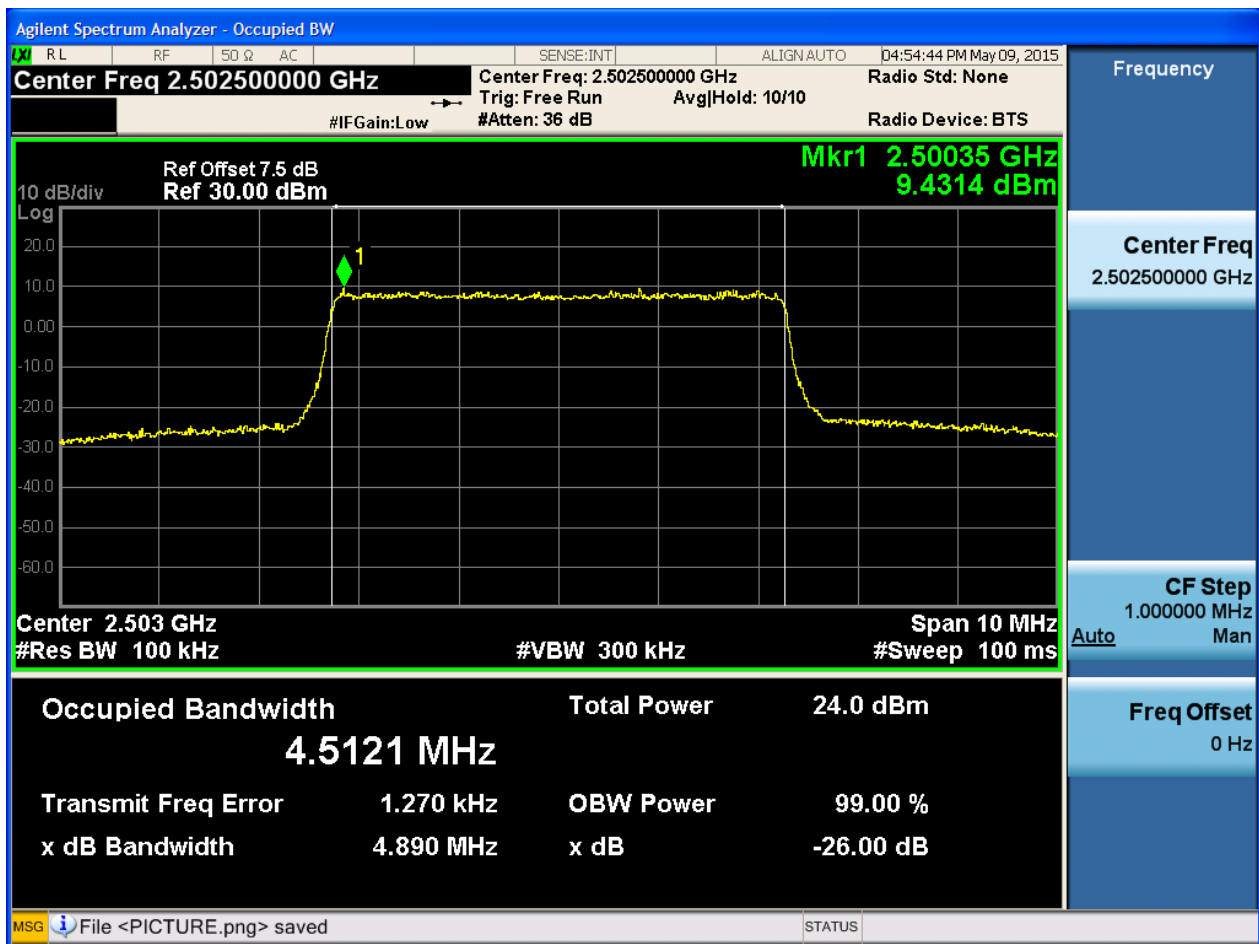


4.2.1.2 Test Mode = LTE/TM2

4.2.1.2.1 Test Bandwidth = 5

4.2.1.2.1.1 Test Channel = LCH

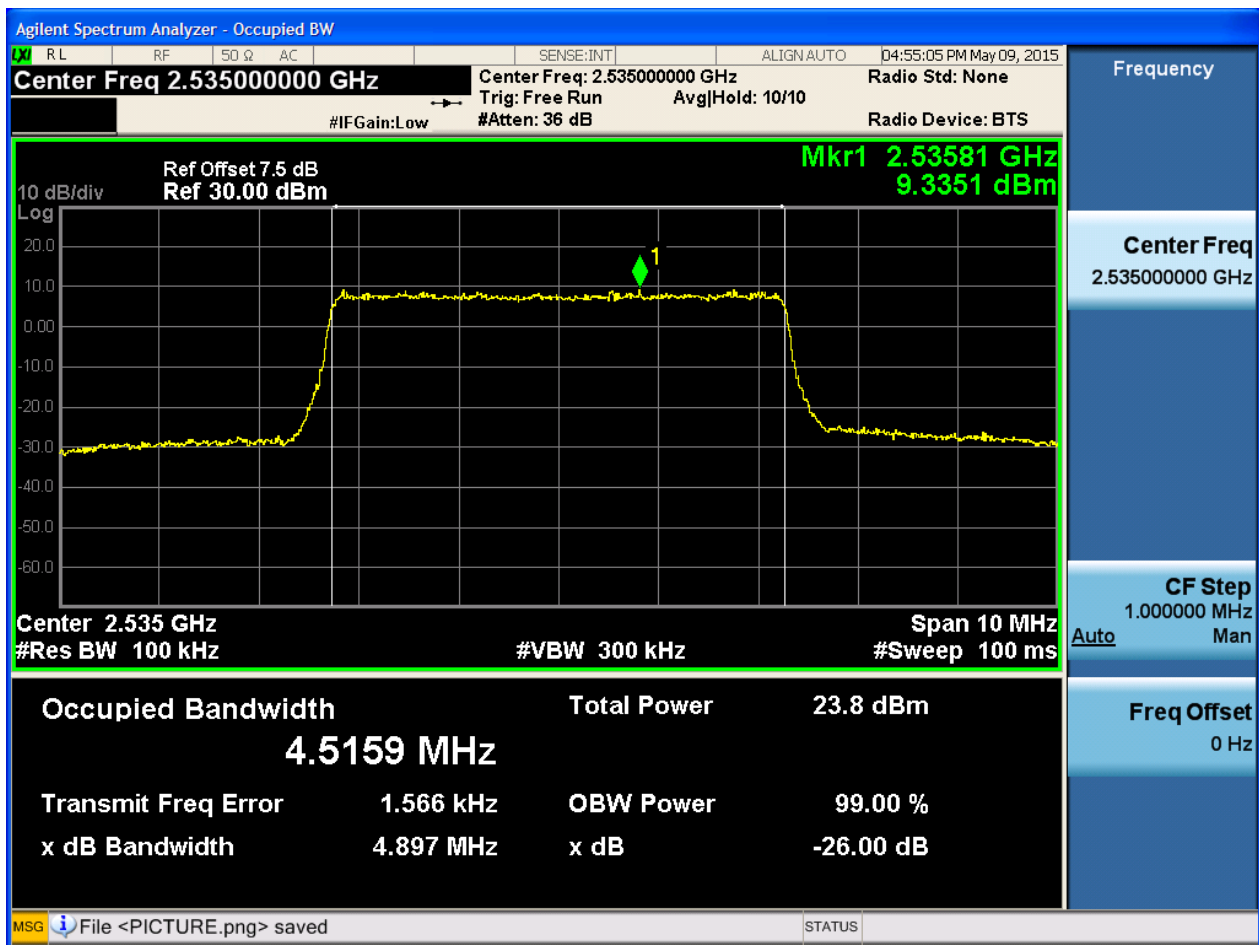
4.2.1.2.1.1.1 Test RB = RB25#0





4.2.1.2.1.2 Test Channel = MCH

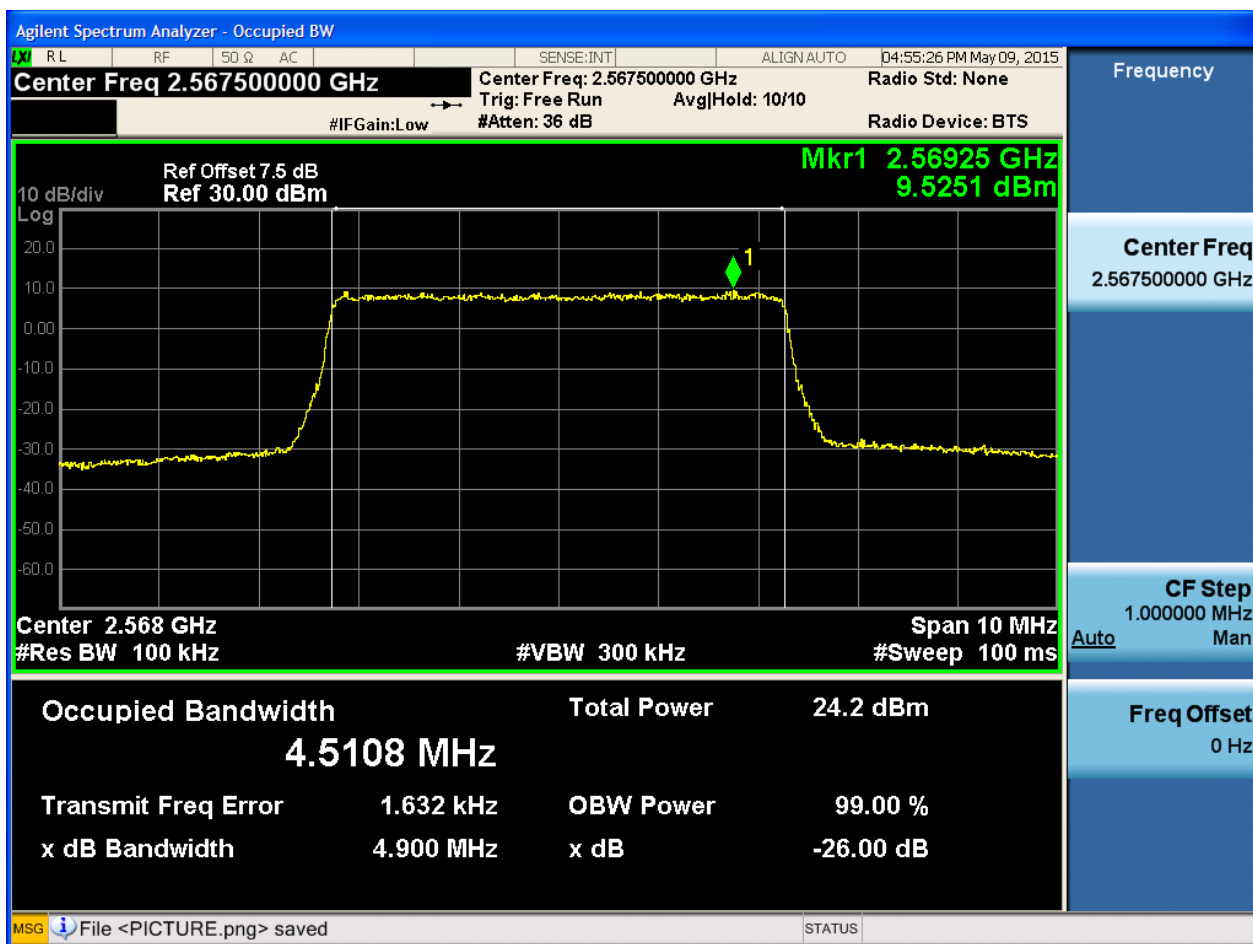
4.2.1.2.1.2.1 Test RB = RB25#0





4.2.1.2.1.3 Test Channel = HCH

4.2.1.2.1.3.1 Test RB = RB25#0

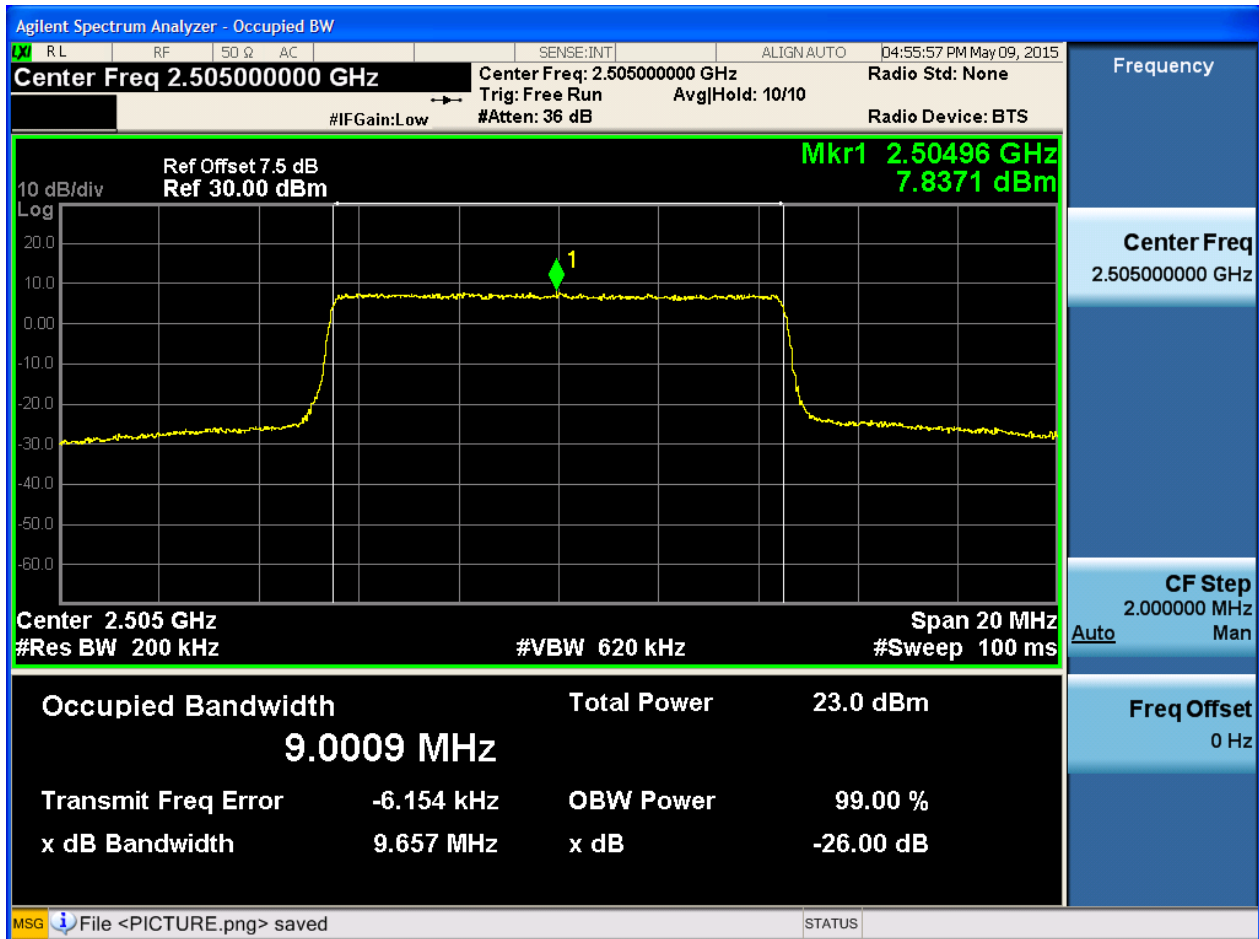




4.2.1.2.2 Test Bandwidth = 10

4.2.1.2.2.1 Test Channel = LCH

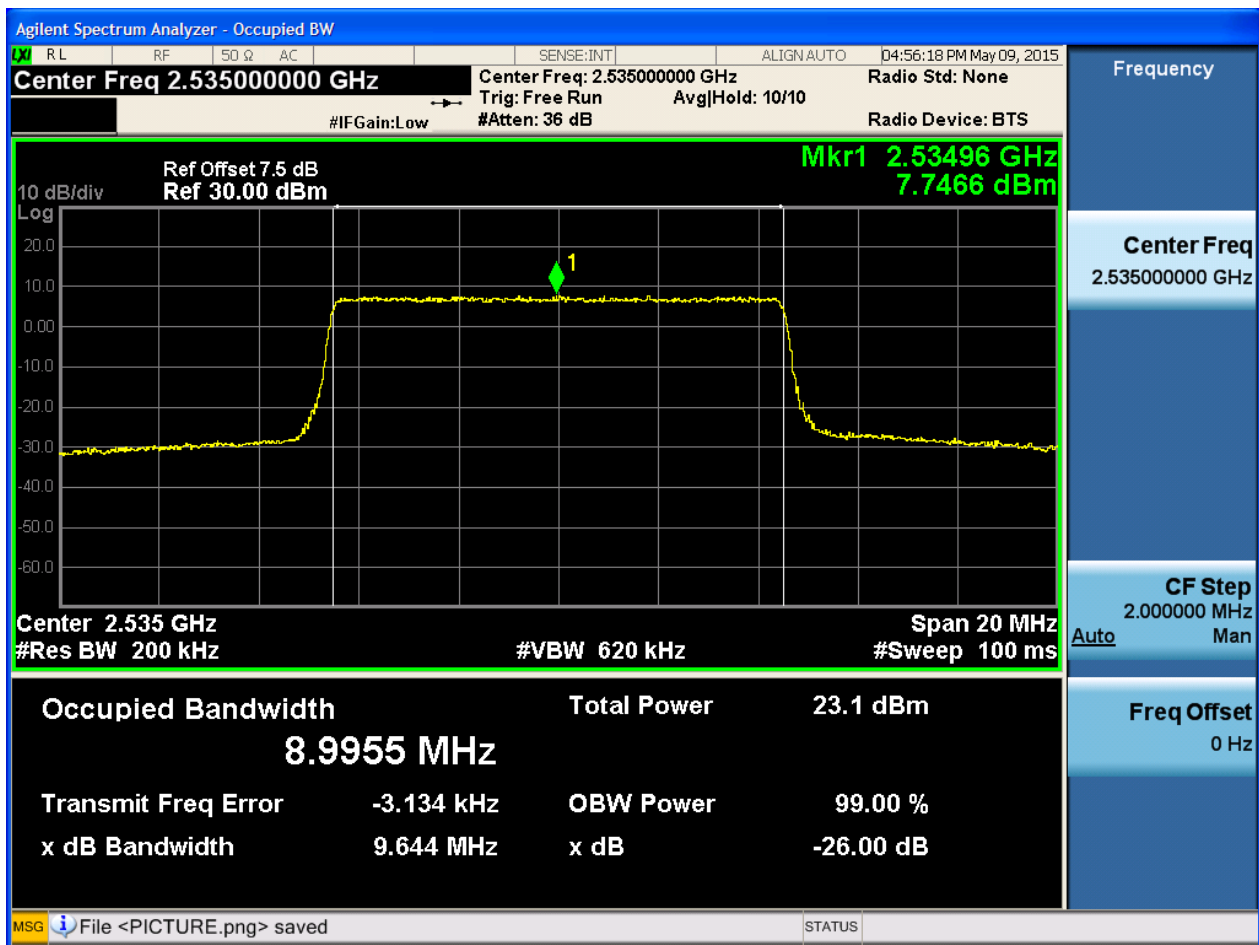
4.2.1.2.2.1.1 Test RB = RB50#0





4.2.1.2.2.2 Test Channel = MCH

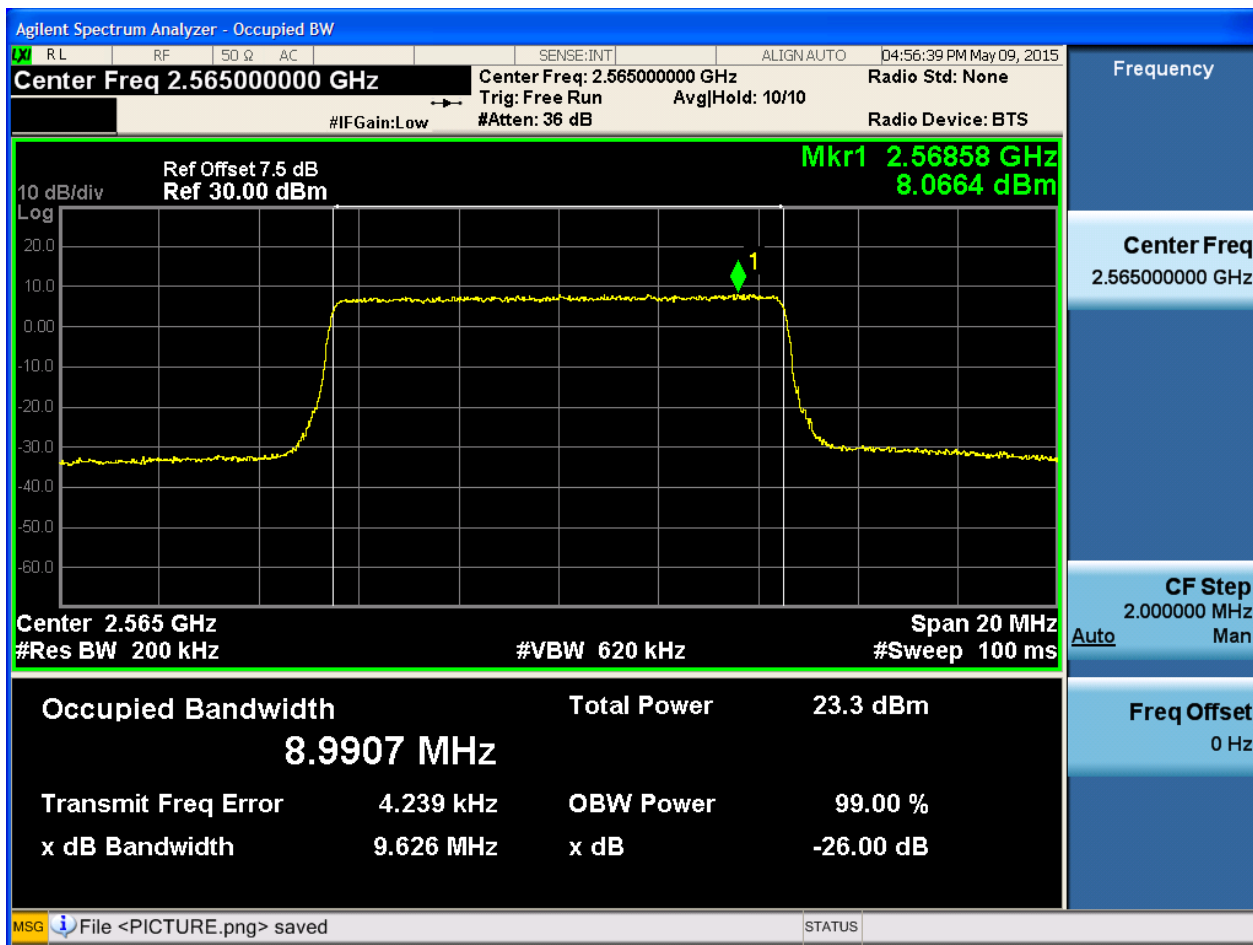
4.2.1.2.2.1 Test RB = RB50#0





4.2.1.2.2.3 Test Channel = HCH

4.2.1.2.2.3.1 Test RB = RB50#0

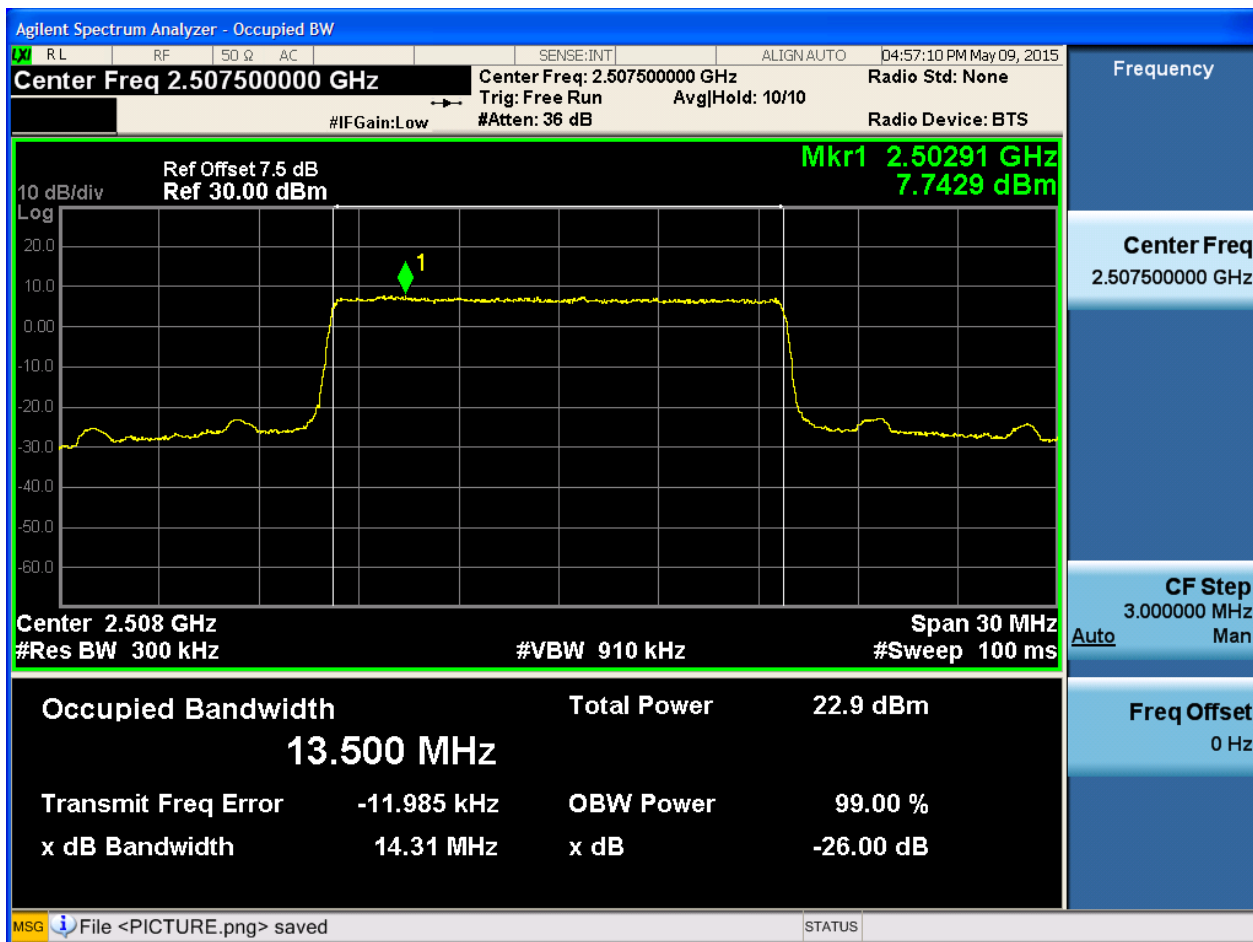




4.2.1.2.3 Test Bandwidth = 15

4.2.1.2.3.1 Test Channel = LCH

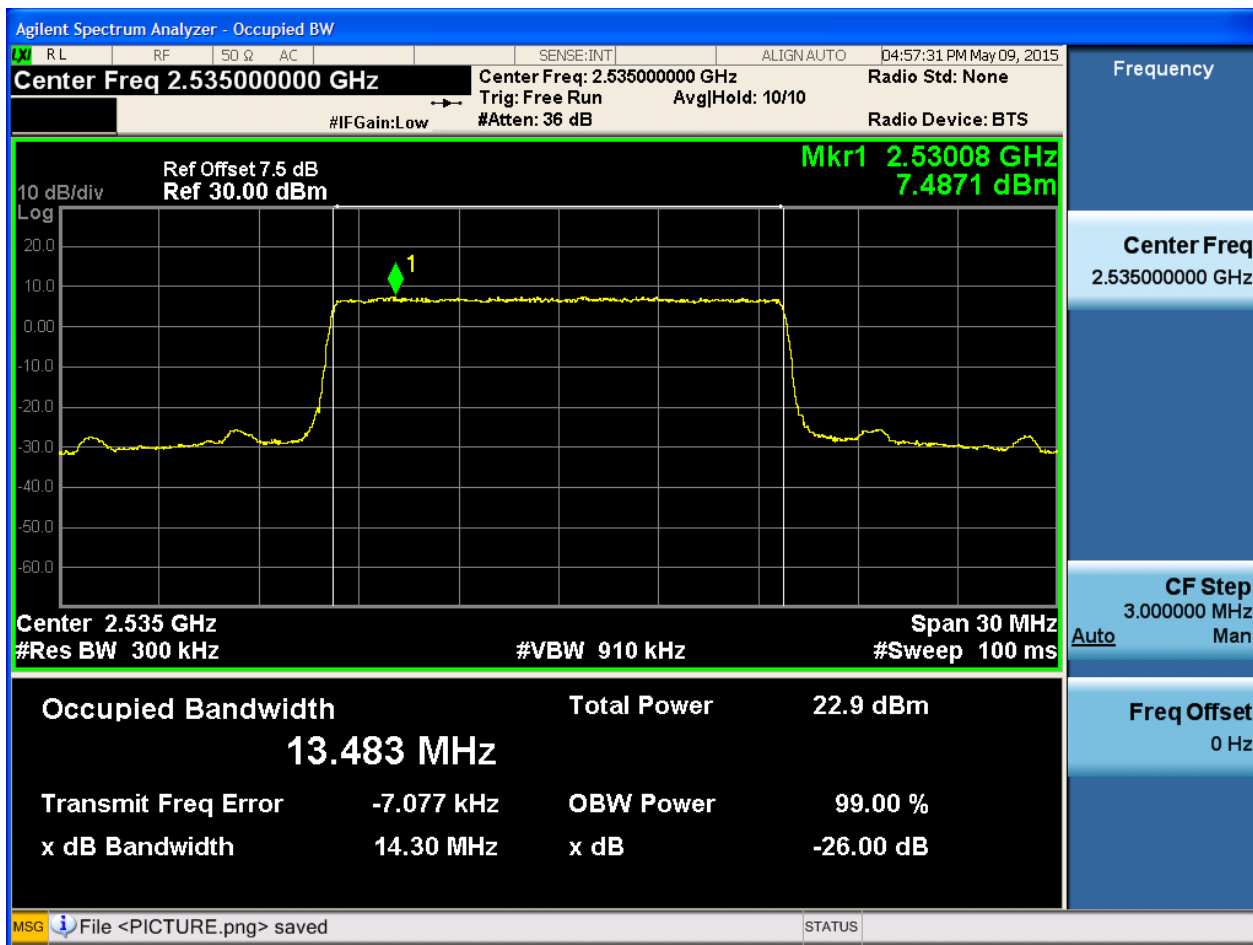
4.2.1.2.3.1.1 Test RB = RB75#0





4.2.1.2.3.2 Test Channel = MCH

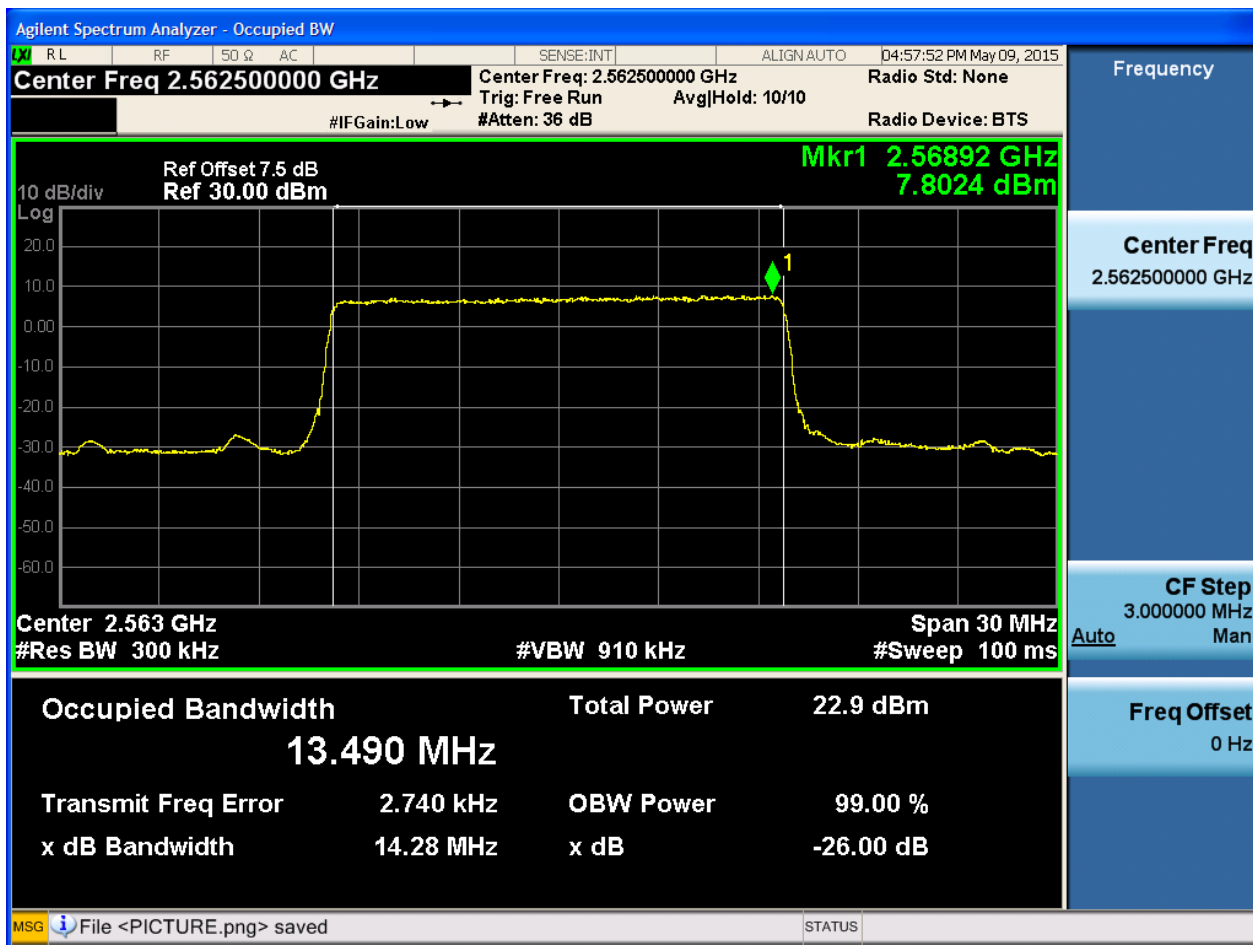
4.2.1.2.3.2.1 Test RB = RB75#0





4.2.1.2.3.3 Test Channel = HCH

4.2.1.2.3.3.1 Test RB = RB75#0

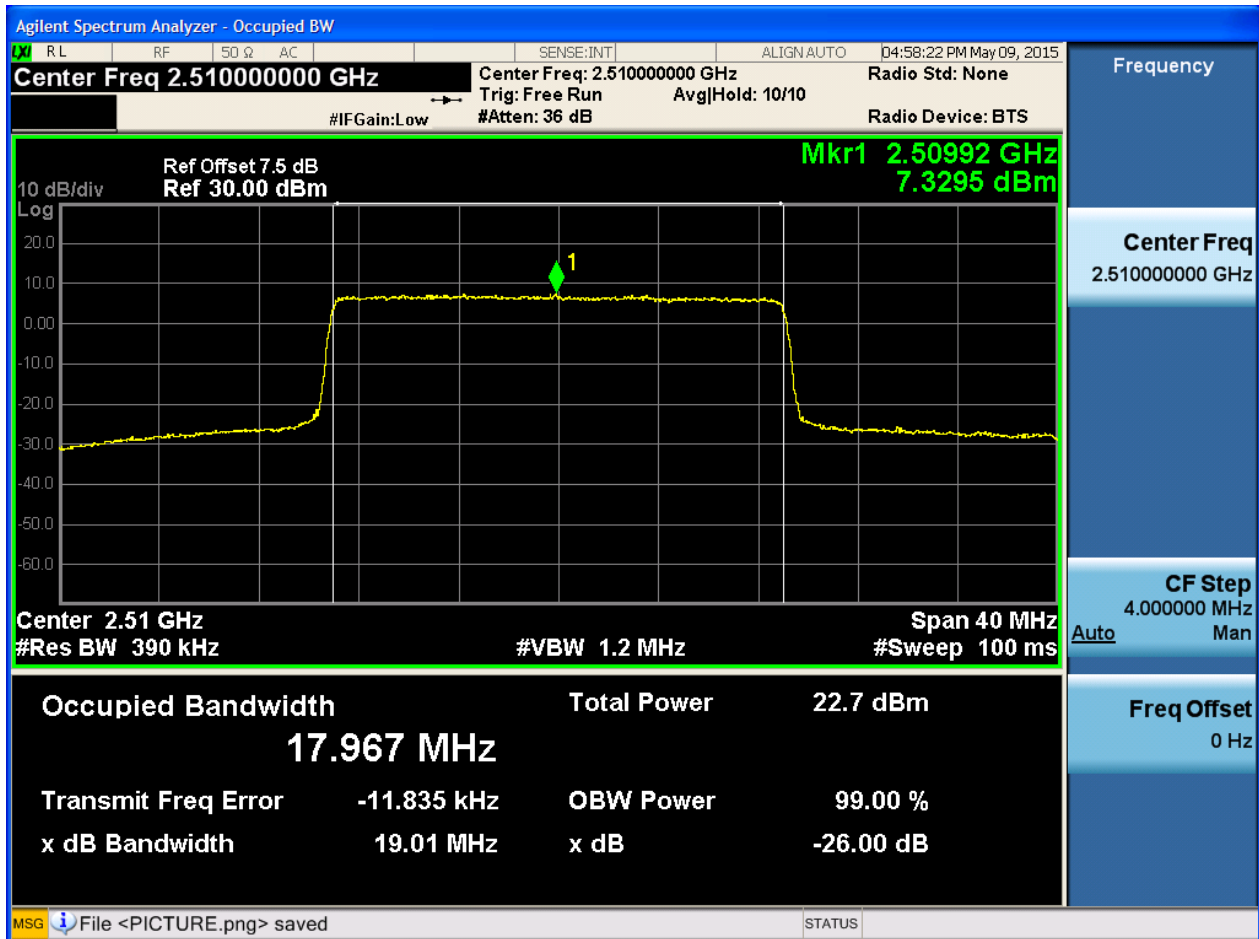




4.2.1.2.4 Test Bandwidth = 20

4.2.1.2.4.1 Test Channel = LCH

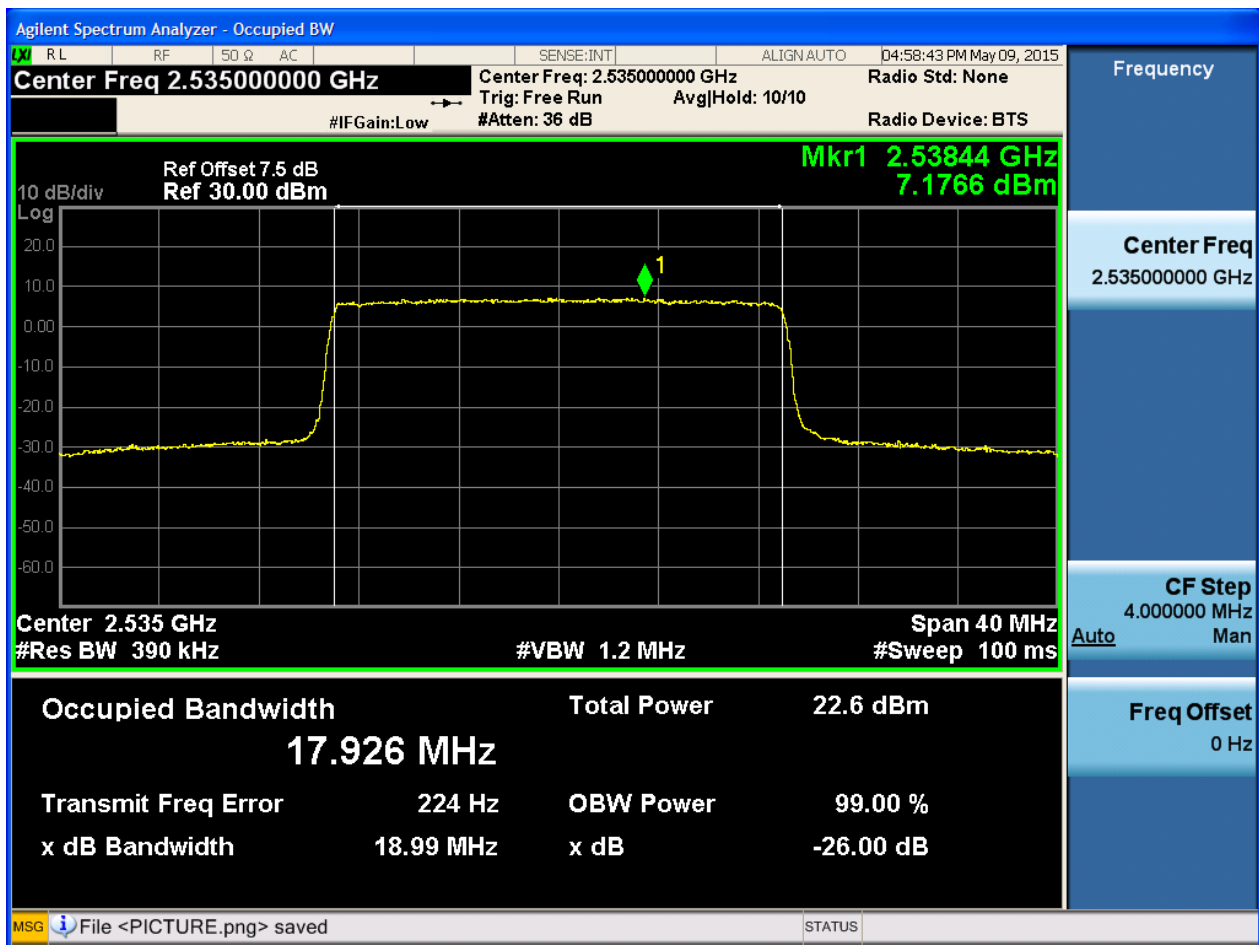
4.2.1.2.4.1.1 Test RB = RB100#0





4.2.1.2.4.2 Test Channel = MCH

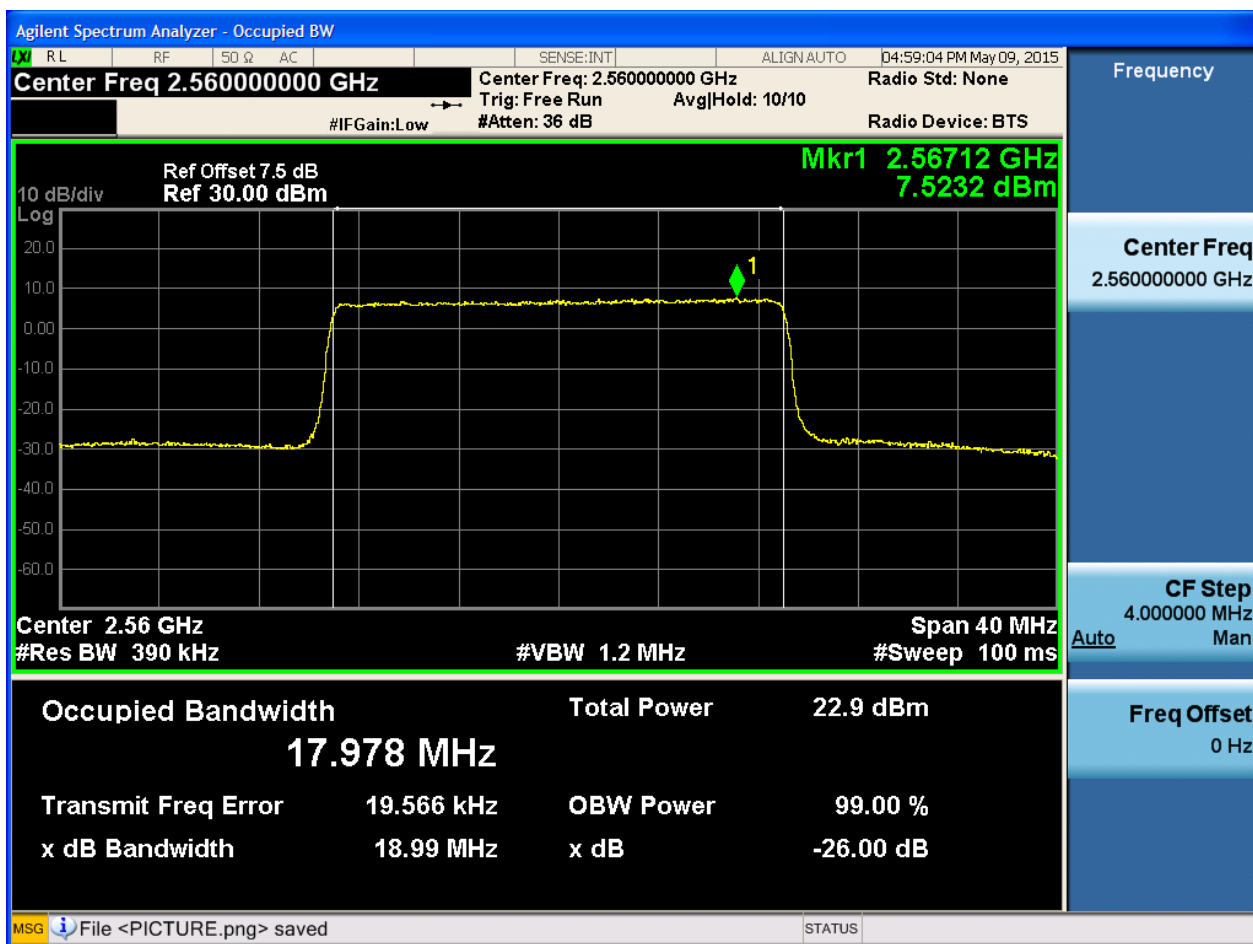
4.2.1.2.4.2.1 Test RB = RB100#0





4.2.1.2.4.3 Test Channel = HCH

4.2.1.2.4.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

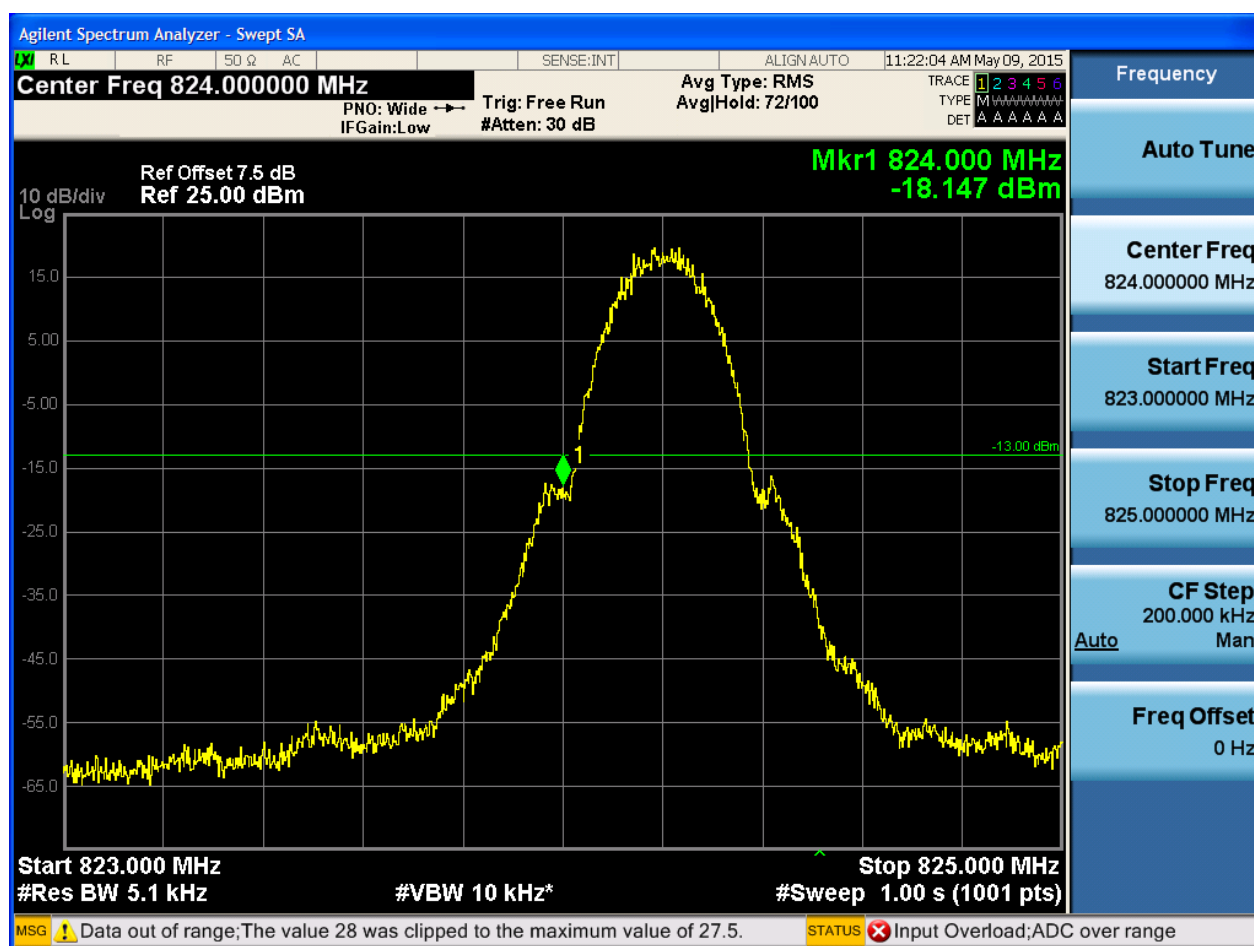
Part I - Test Plots

5.1 For GSM

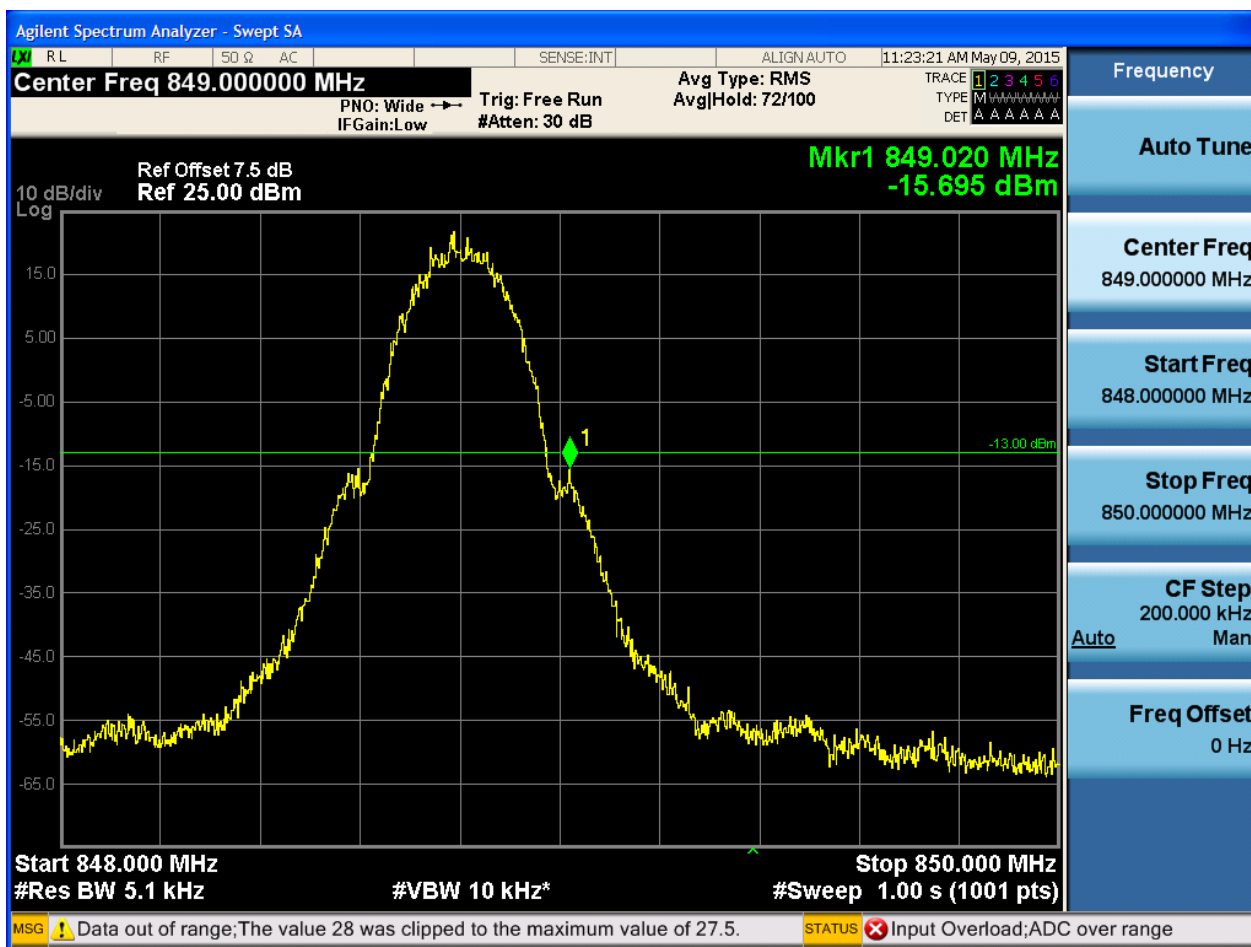
5.1.1 Test Band = GSM850

5.1.1.1 Test Mode = GSM/TM1

5.1.1.1.1 Test Channel = LCH

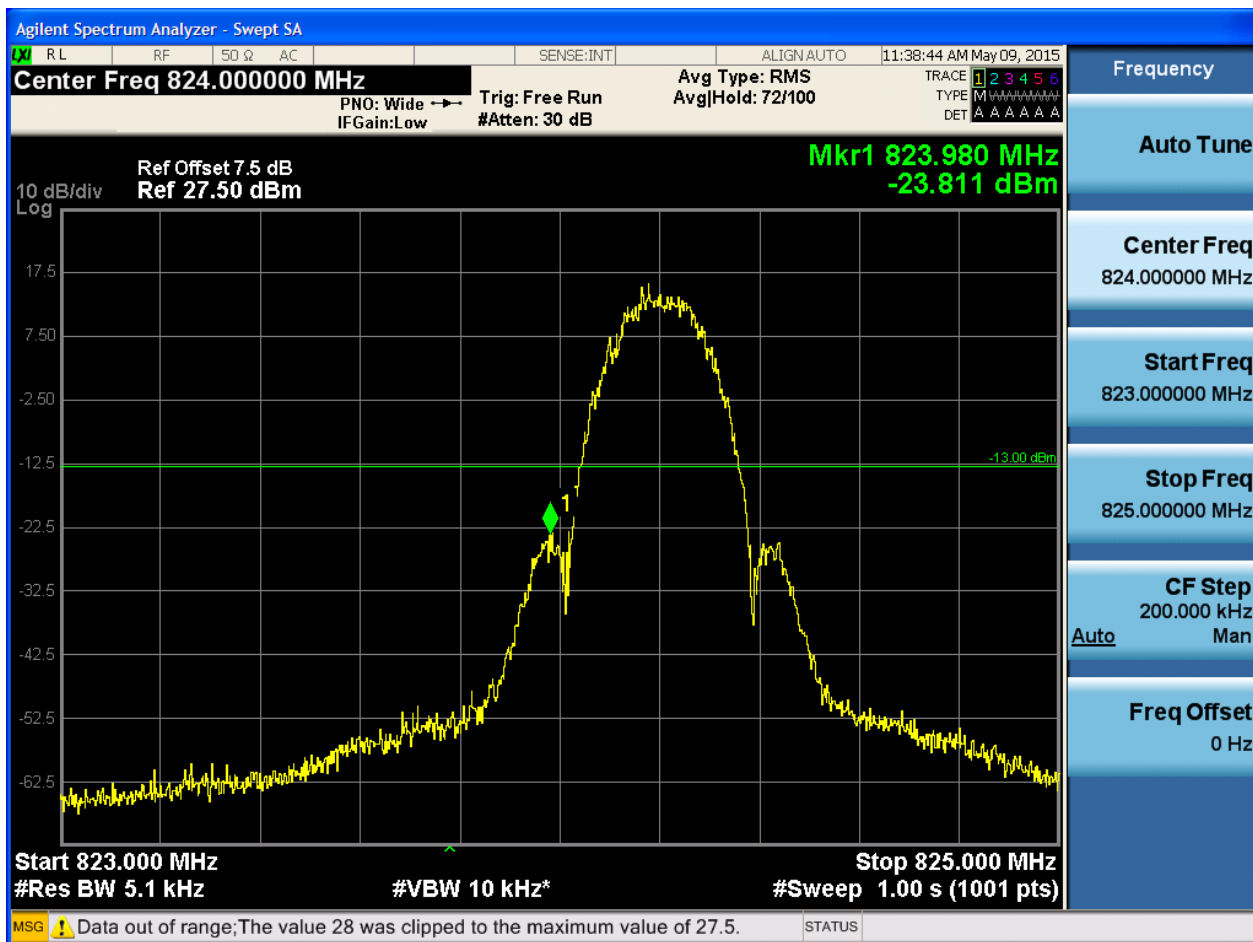


5.1.1.1.2 Test Channel = HCH

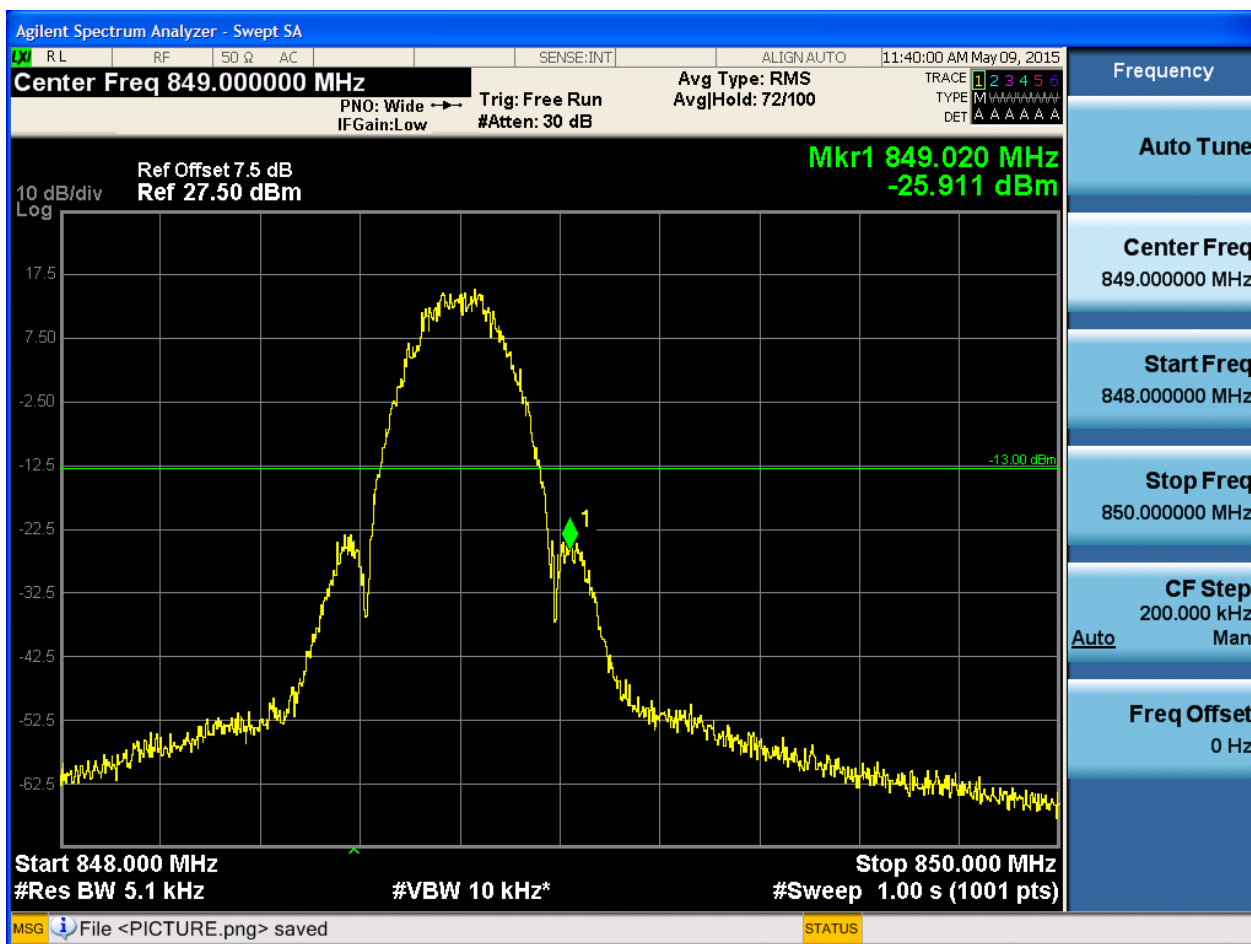


5.1.1.2 Test Mode = GSM/TM2

5.1.1.2.1 Test Channel = LCH



5.1.1.2.2 Test Channel = HCH

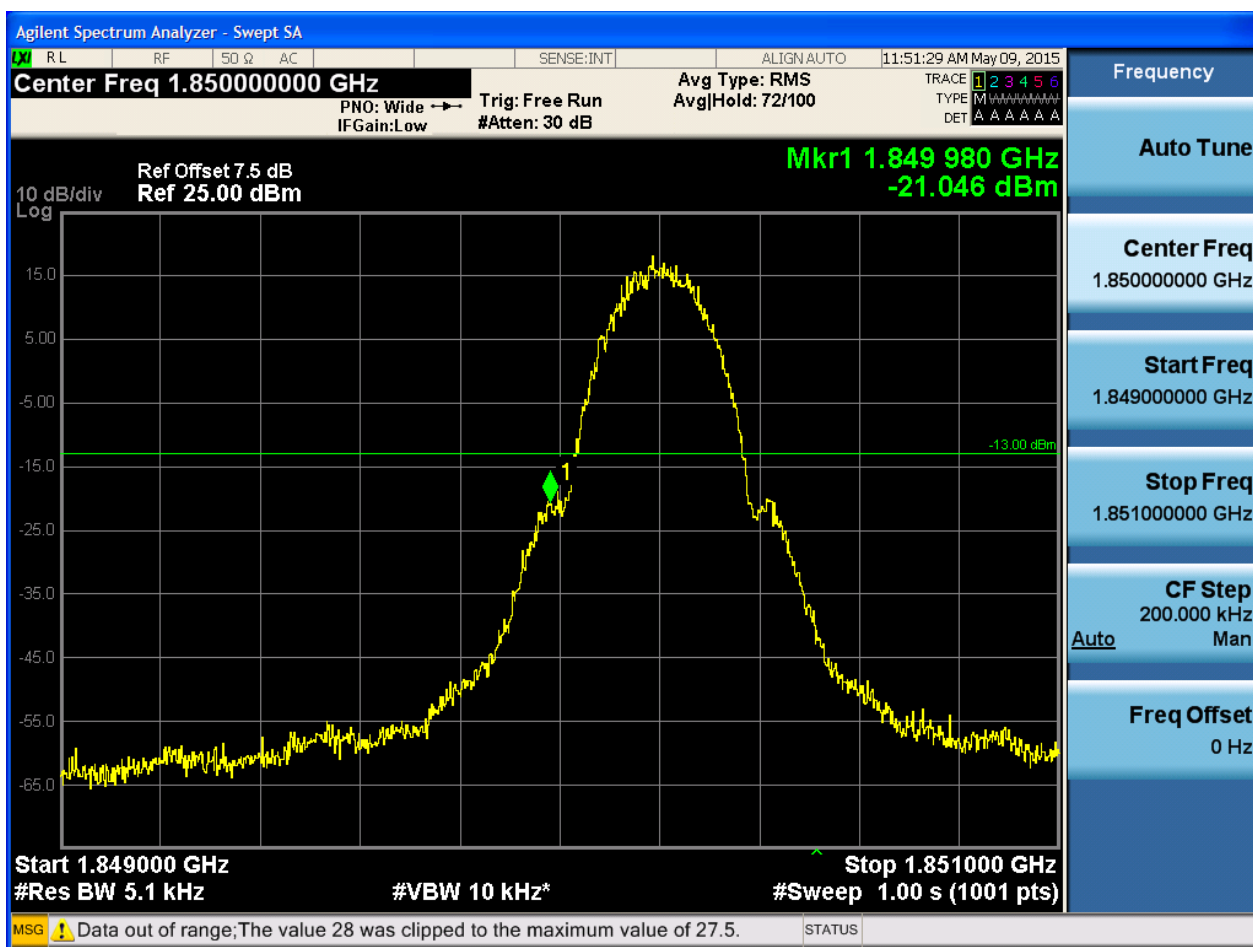




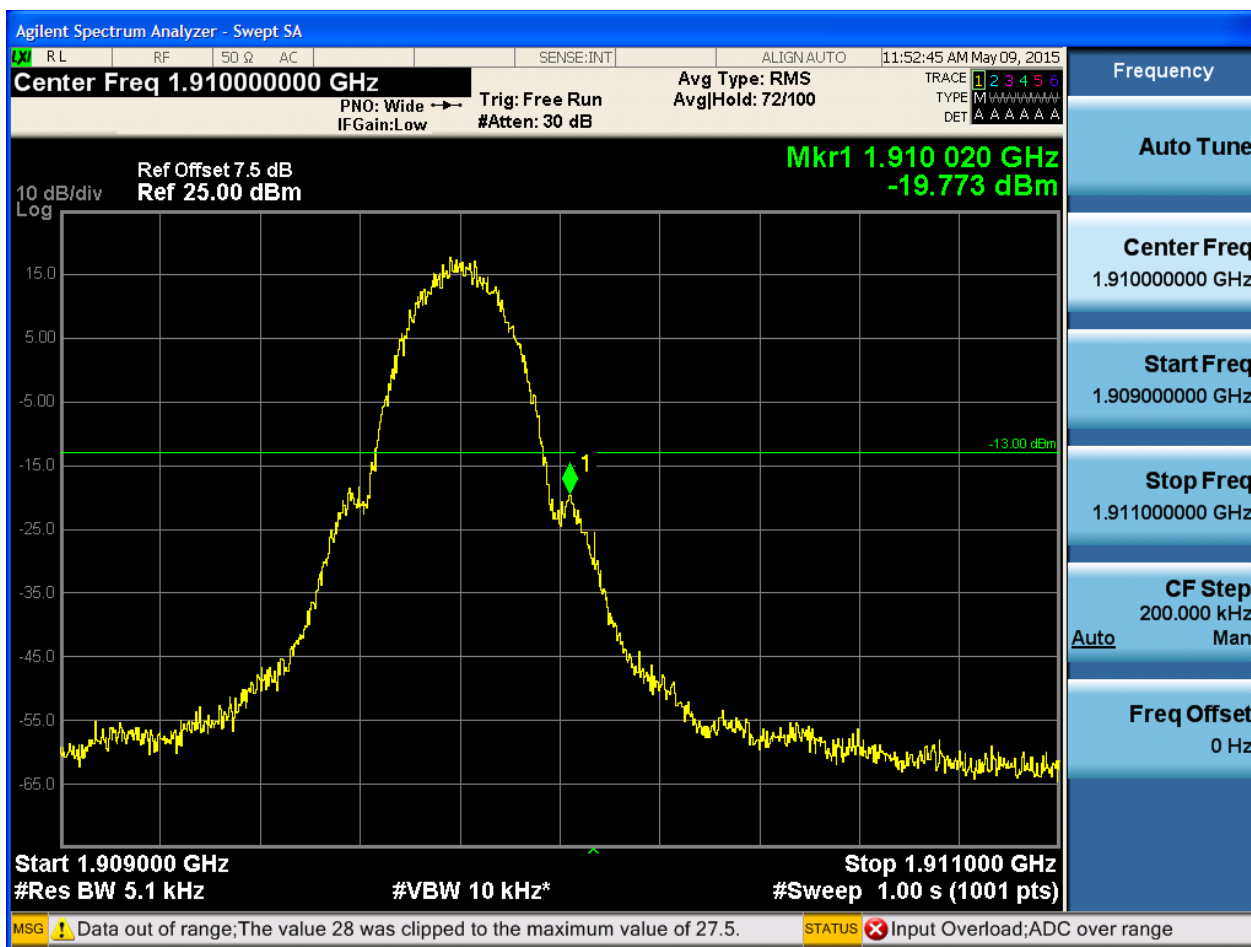
5.1.2 Test Band = GSM1900

5.1.2.1 Test Mode = GSM/TM1

5.1.2.1.1 Test Channel = LCH

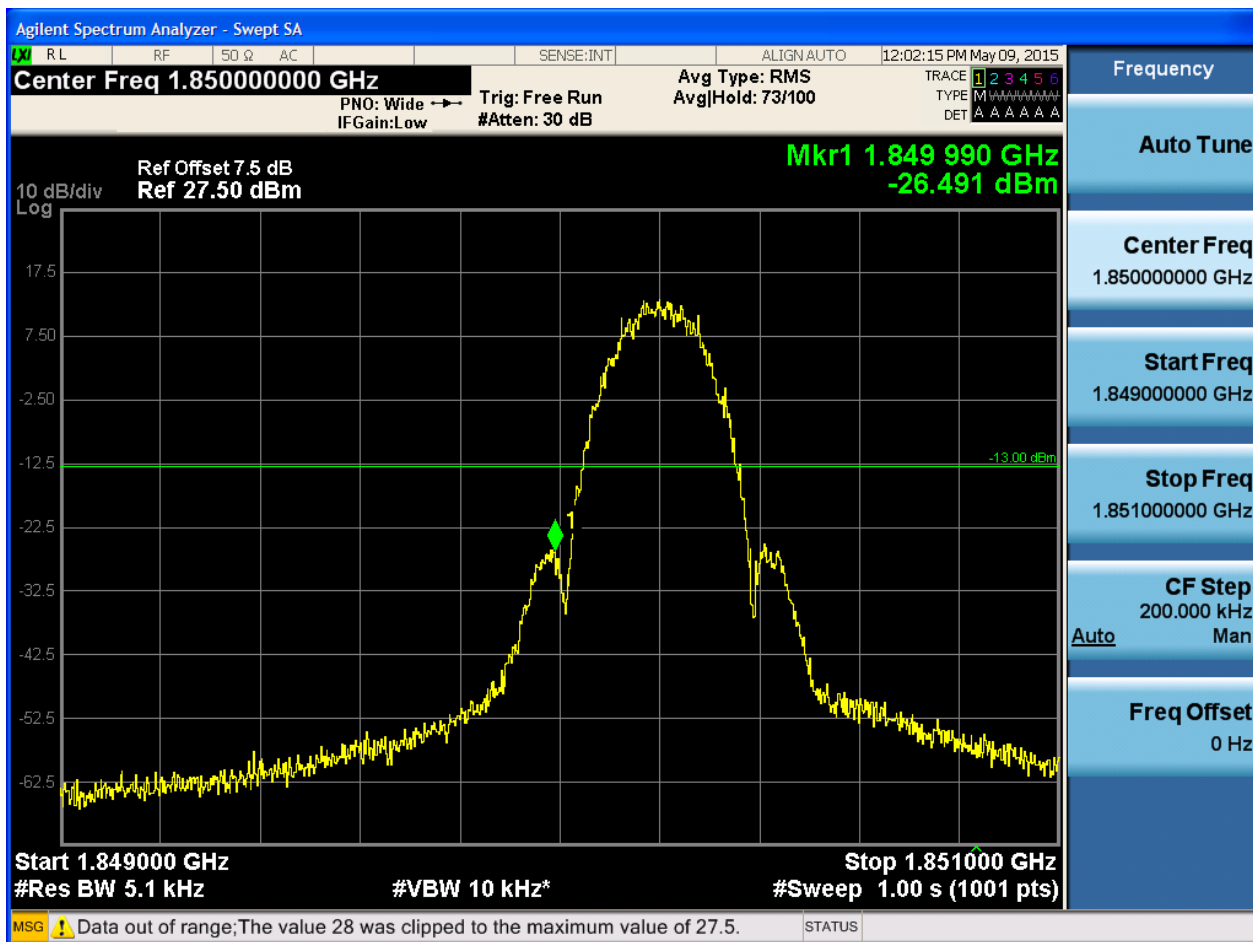


5.1.2.1.2 Test Channel = HCH

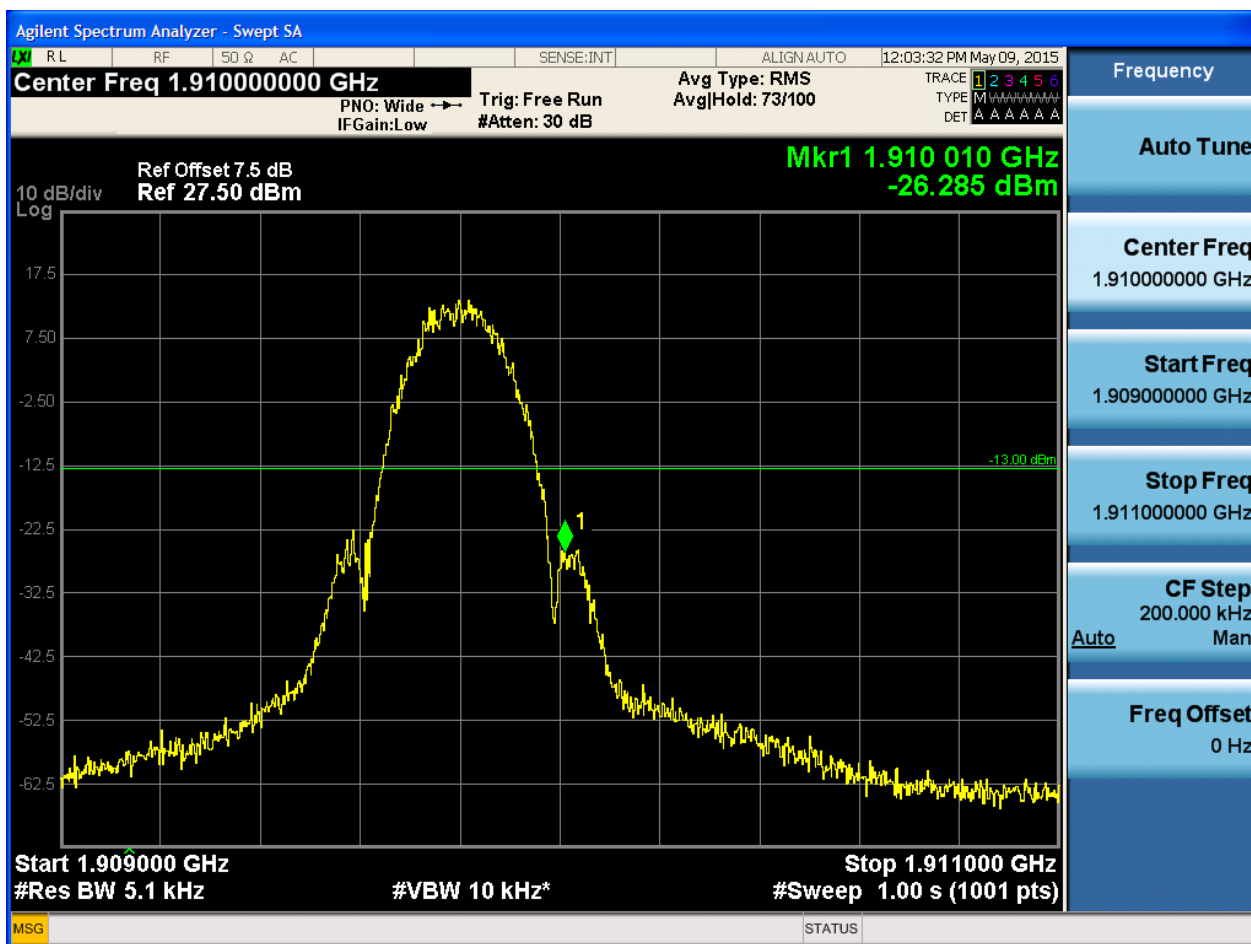


5.1.2.2 Test Mode = GSM/TM2

5.1.2.2.1 Test Channel = LCH



5.1.2.2.2 Test Channel = HCH





5.2 For LTE

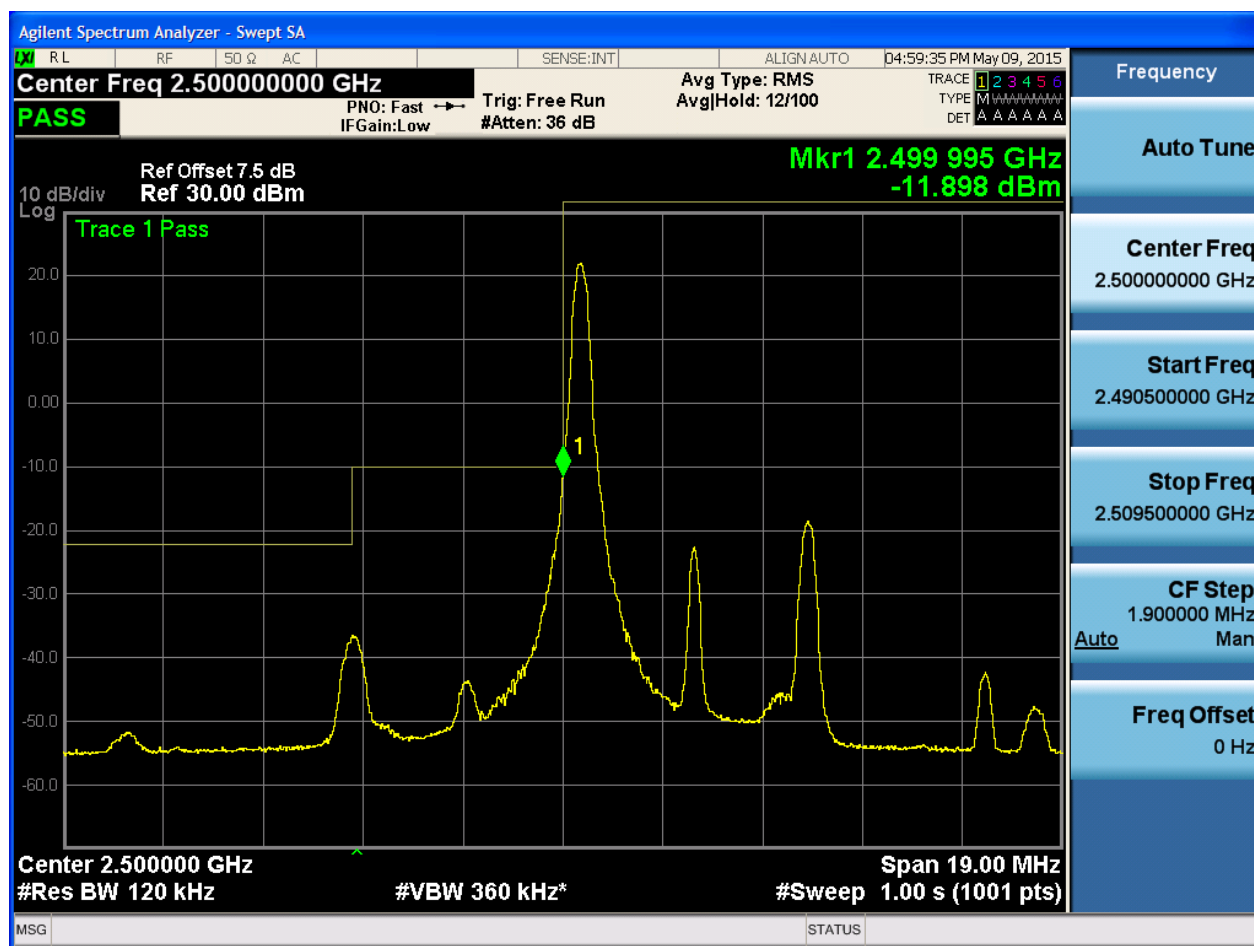
5.2.1 Test Band = BAND7

5.2.1.1 Test Mode = LTE/TM1

5.2.1.1.1 Test Bandwidth = 5

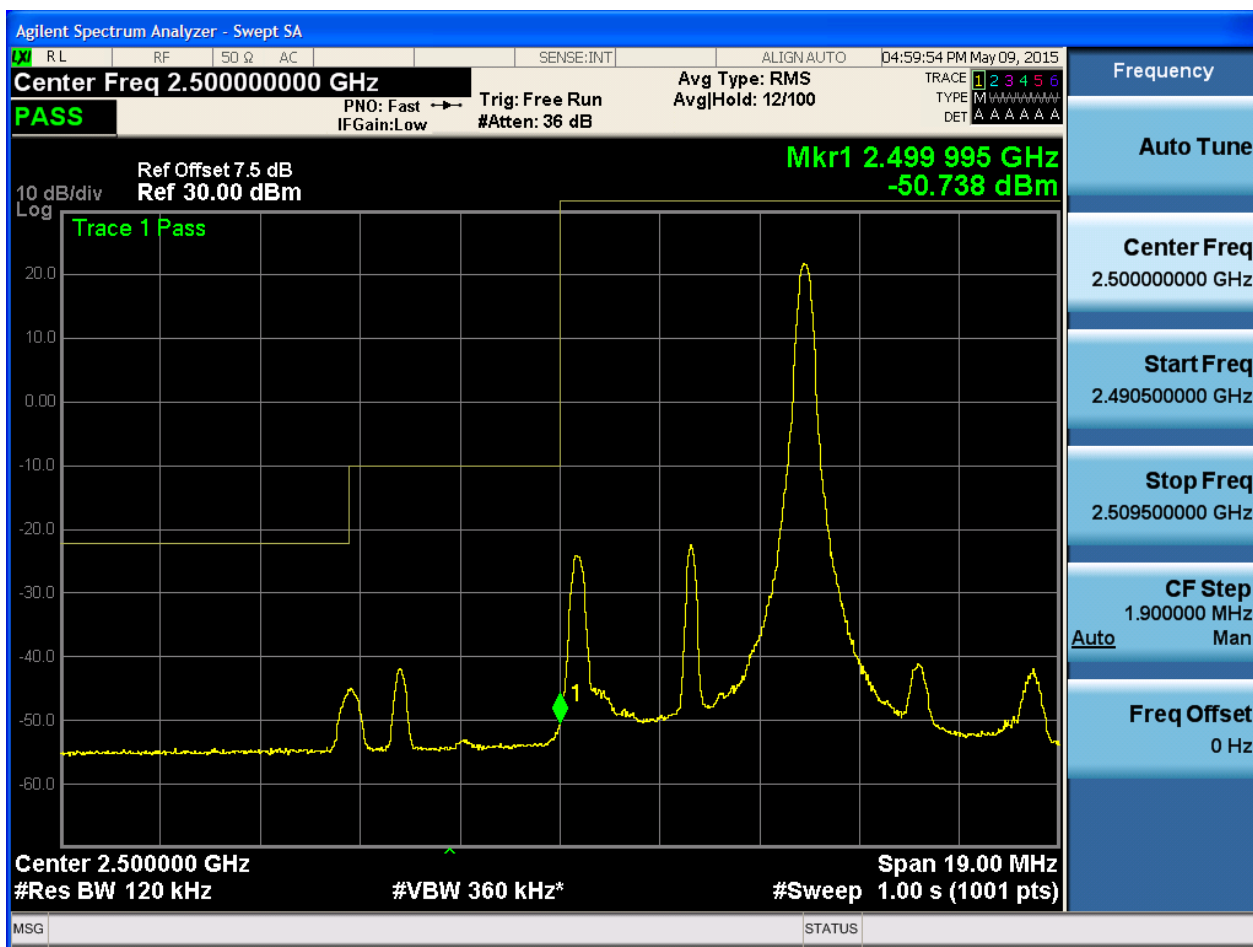
5.2.1.1.1.1 Test Channel = LCH

5.2.1.1.1.1.1 Test RB = RB1#0





5.2.1.1.1.2 Test RB = RB1#24





5.2.1.1.1.3 Test RB = RB12#6





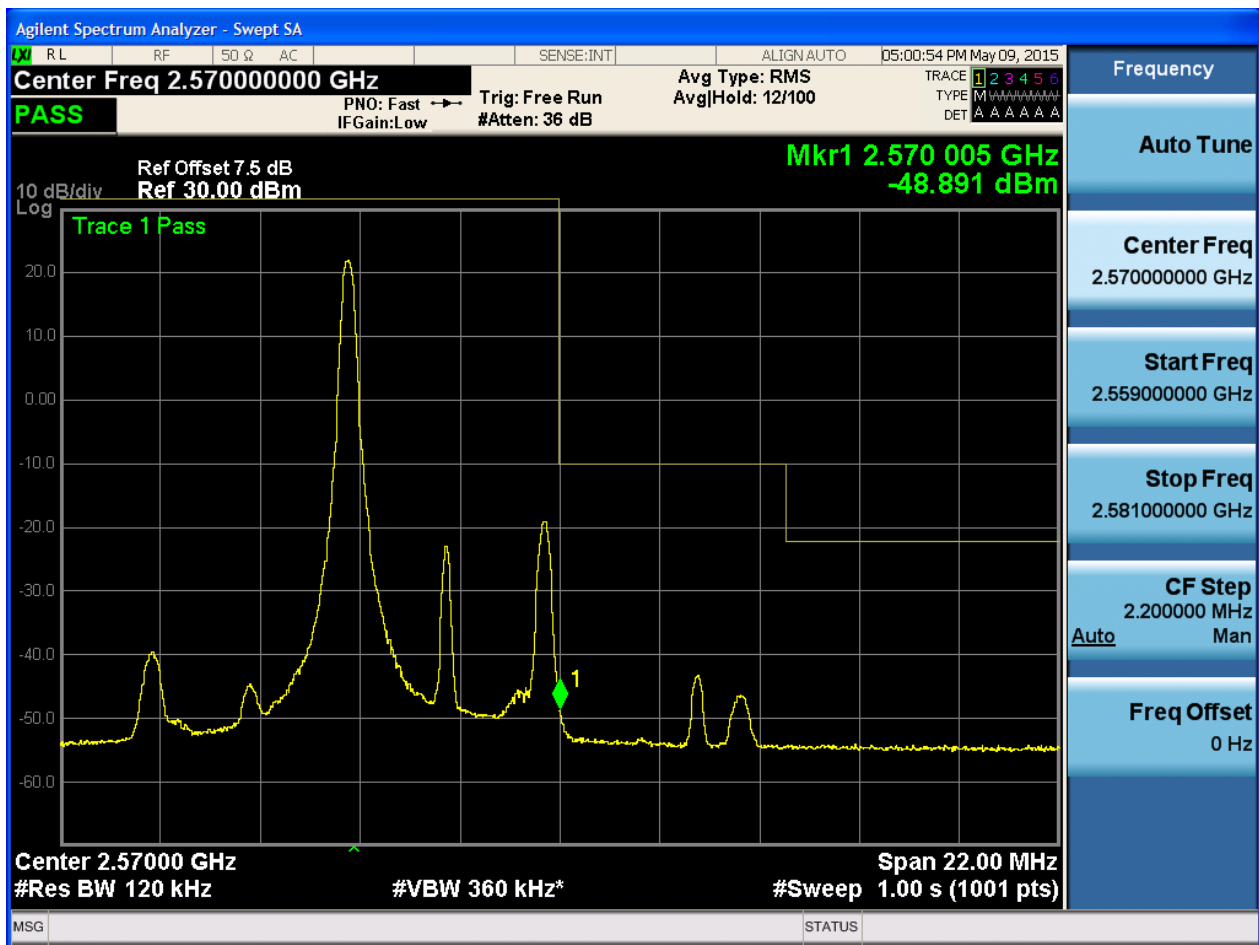
5.2.1.1.1.4 Test RB = RB25#0





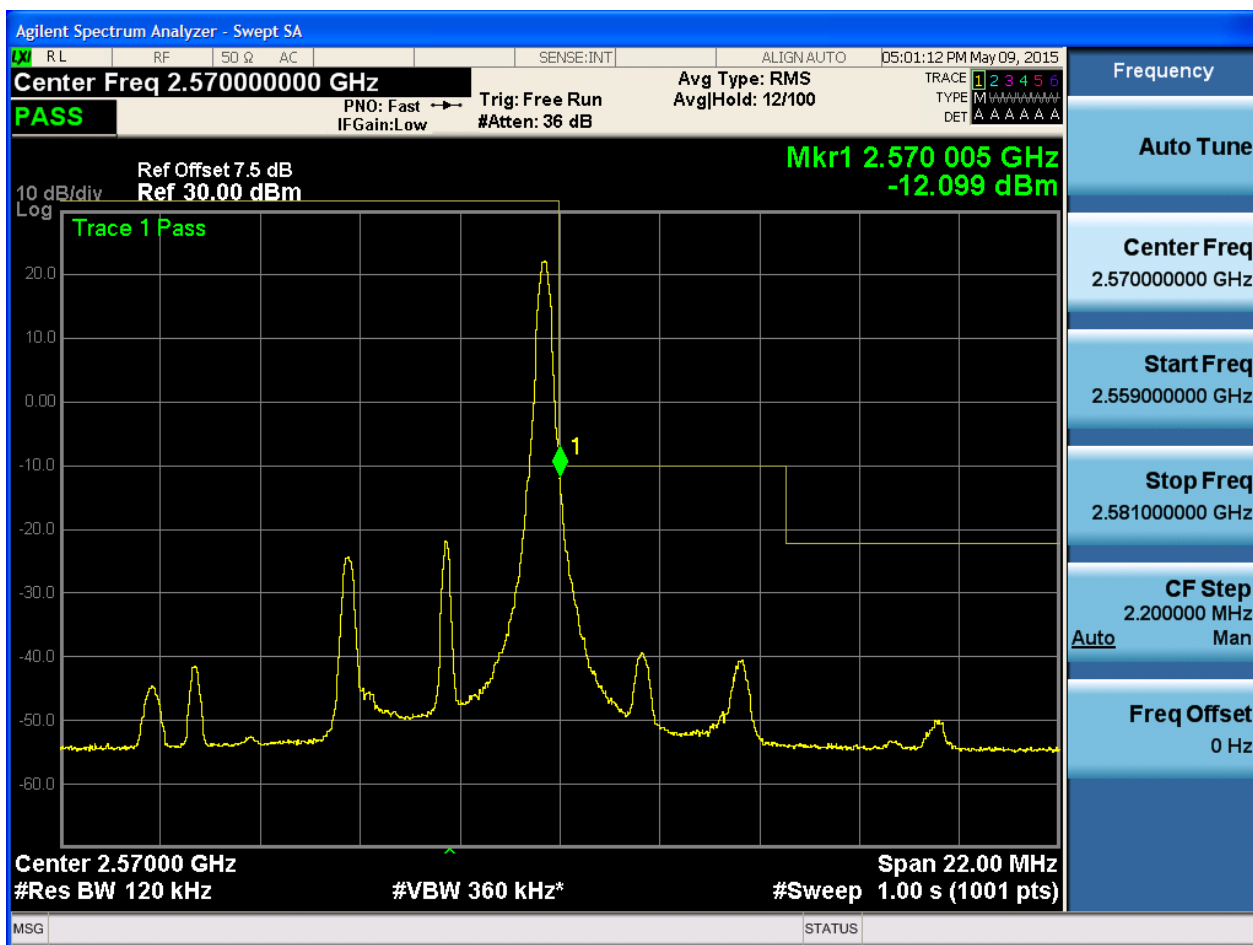
5.2.1.1.1.2 Test Channel = HCH

5.2.1.1.1.2.1 Test RB = RB1#0



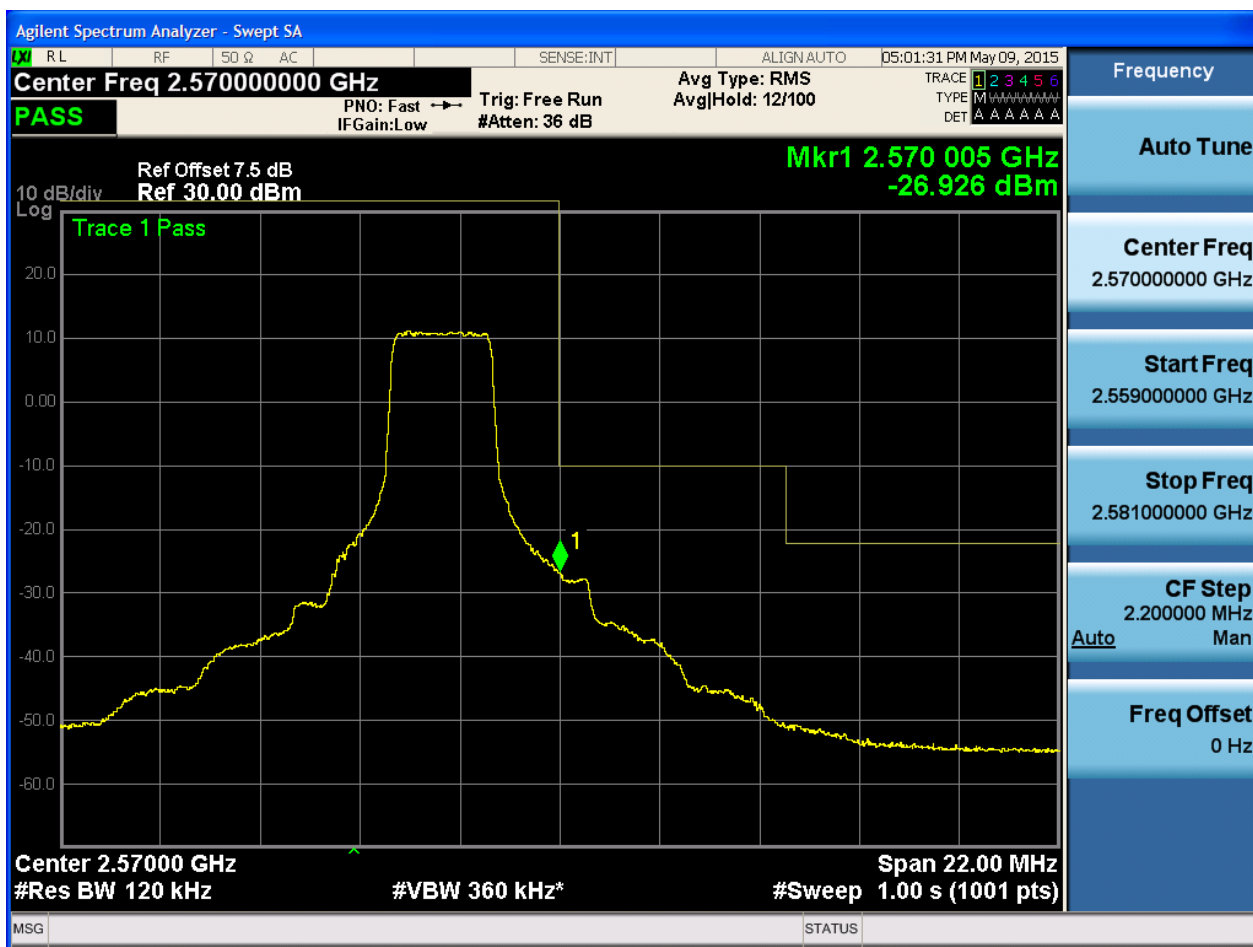


5.2.1.1.1.2.2 Test RB = RB1#24





5.2.1.1.1.2.3 Test RB = RB12#6





5.2.1.1.1.2.4 Test RB = RB25#0

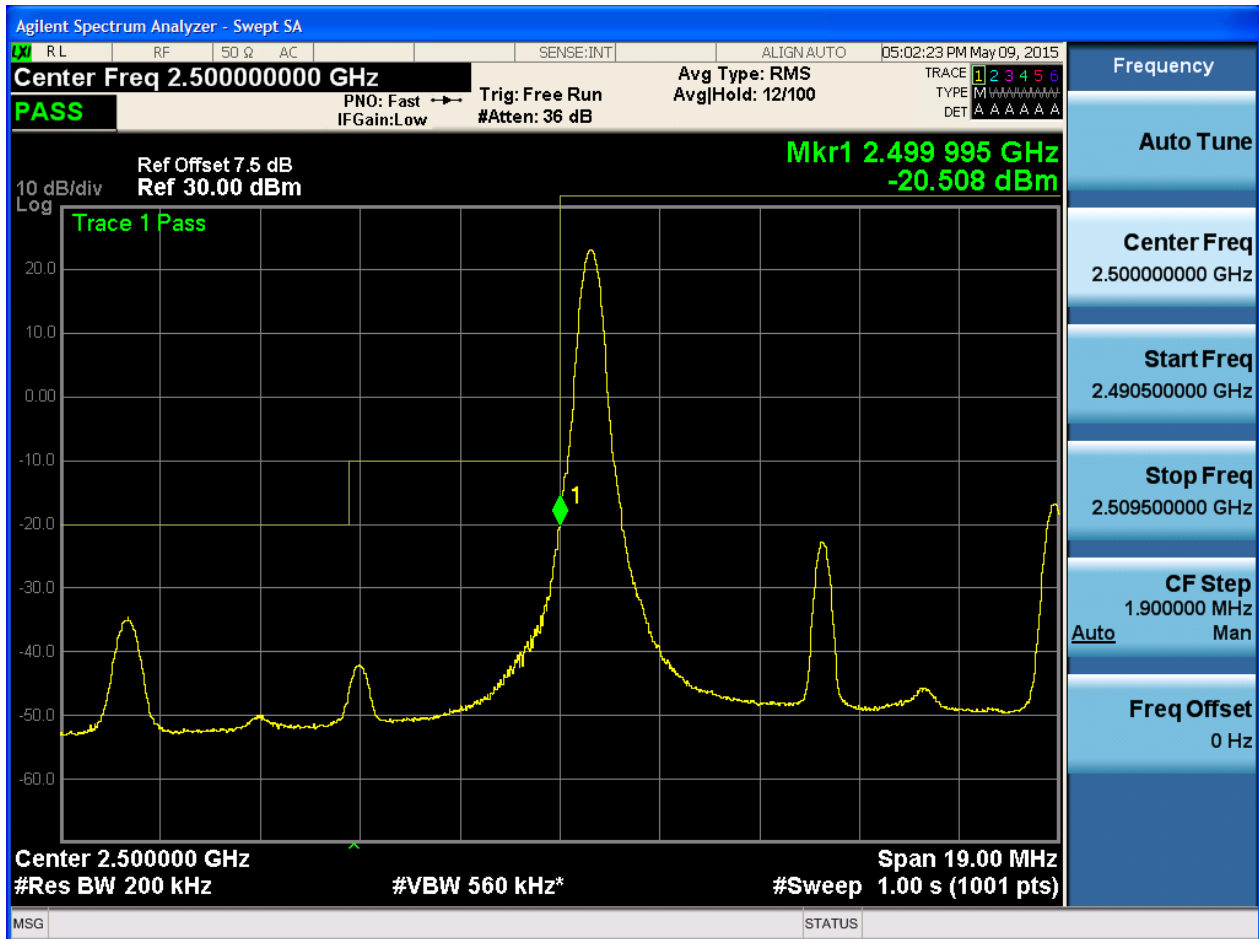




5.2.1.1.2 Test Bandwidth = 10

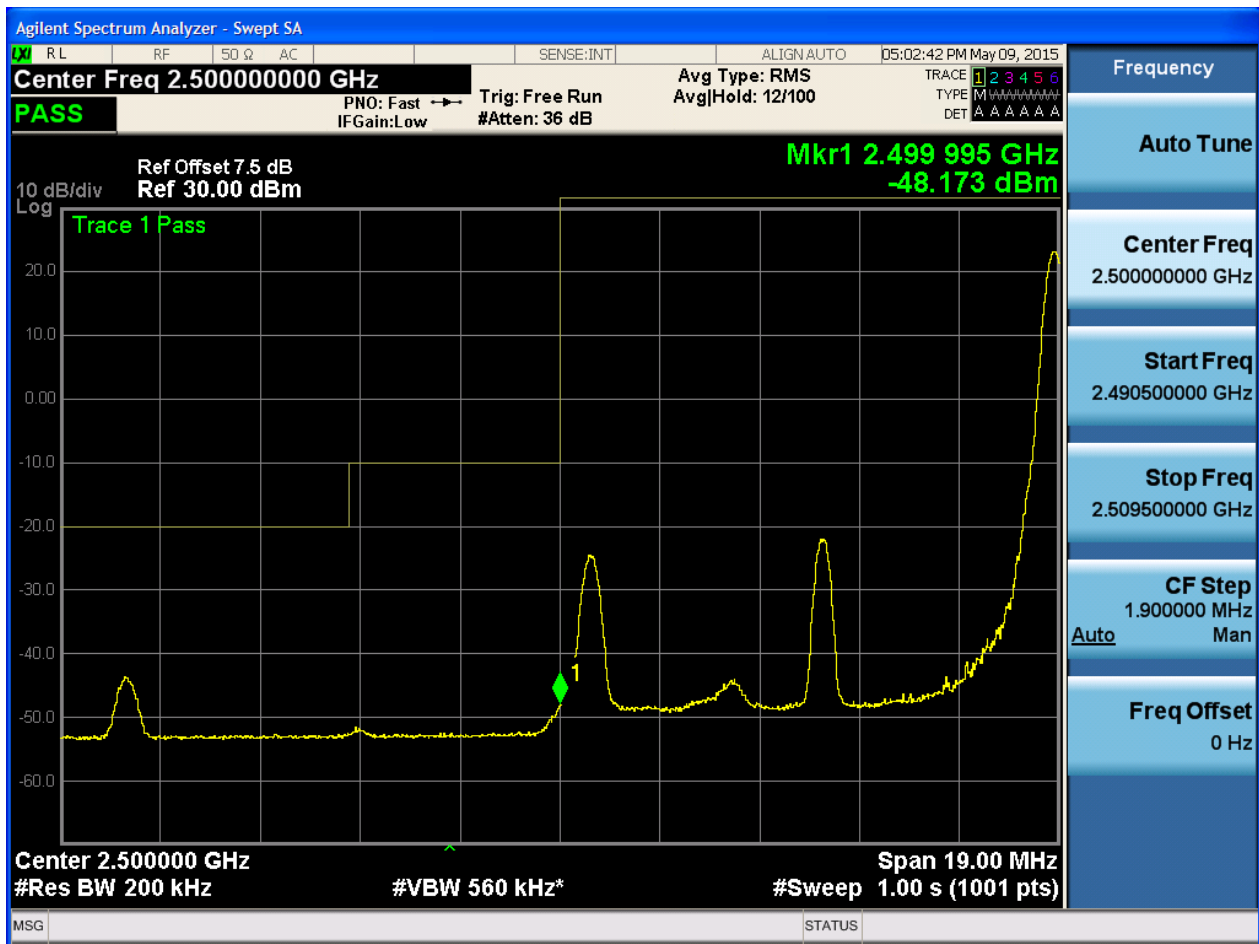
5.2.1.1.2.1 Test Channel = LCH

5.2.1.1.2.1.1 Test RB = RB1#0





5.2.1.1.2.1.2 Test RB = RB1#49



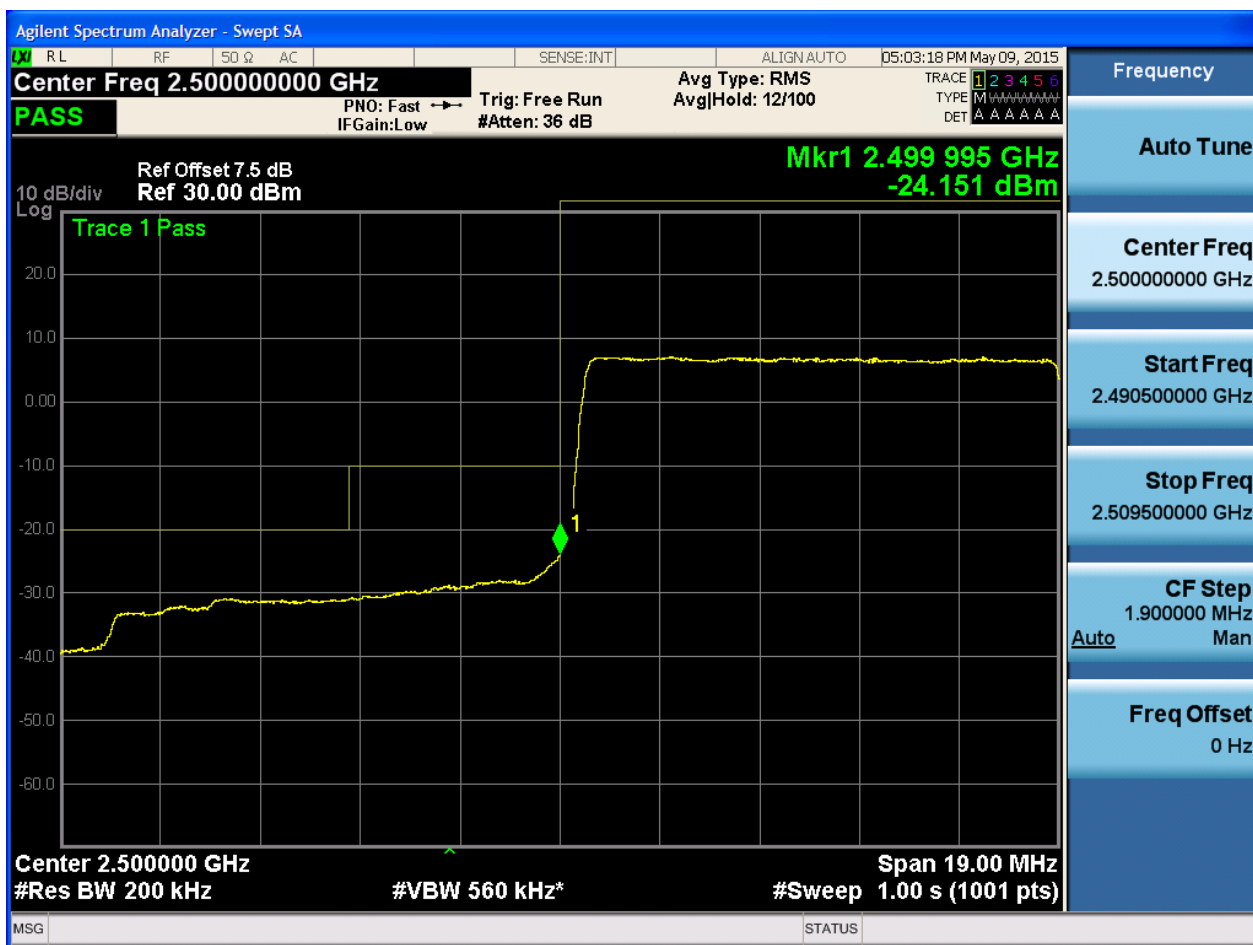


5.2.1.1.2.1.3 Test RB = RB25#13





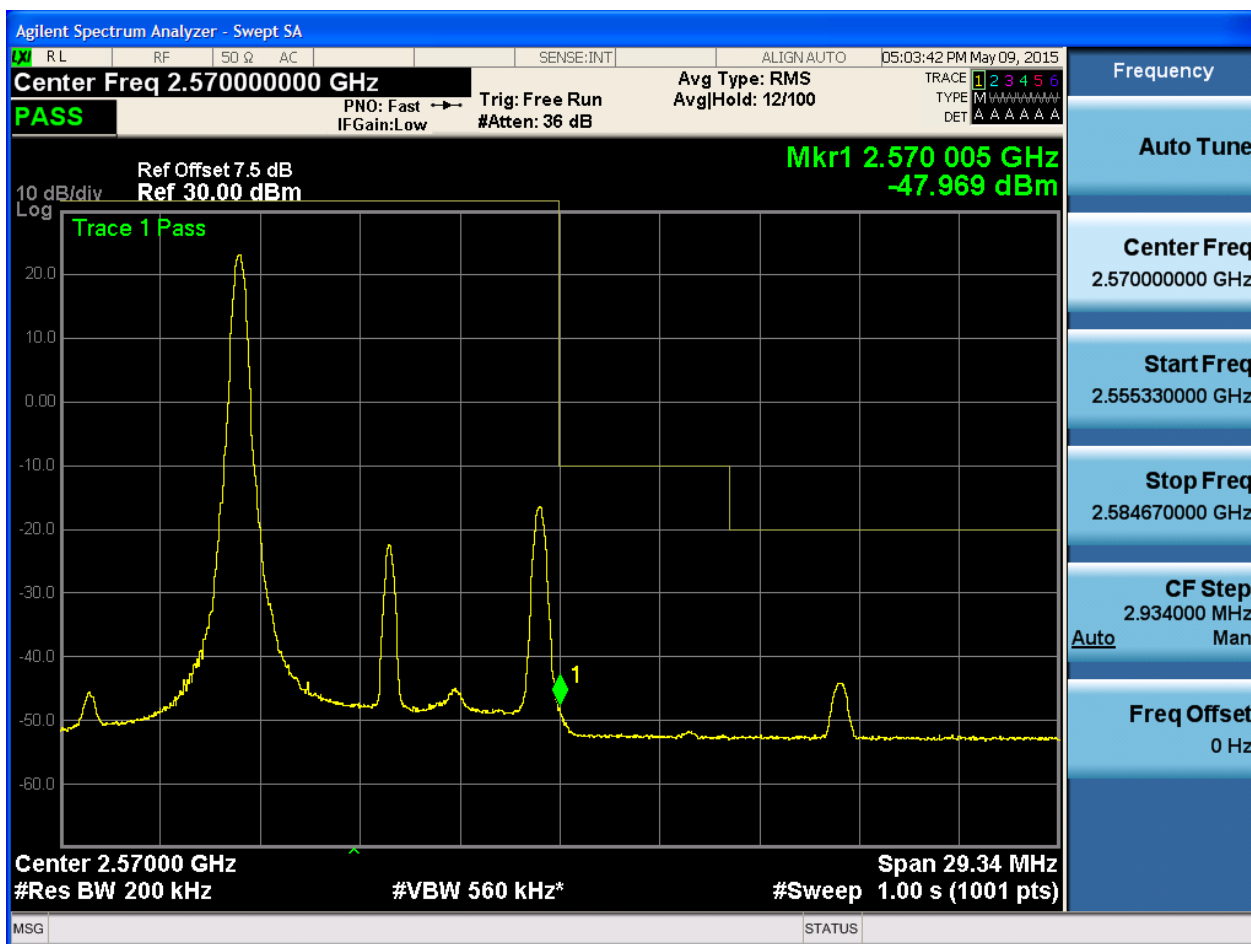
5.2.1.1.2.1.4 Test RB = RB50#0





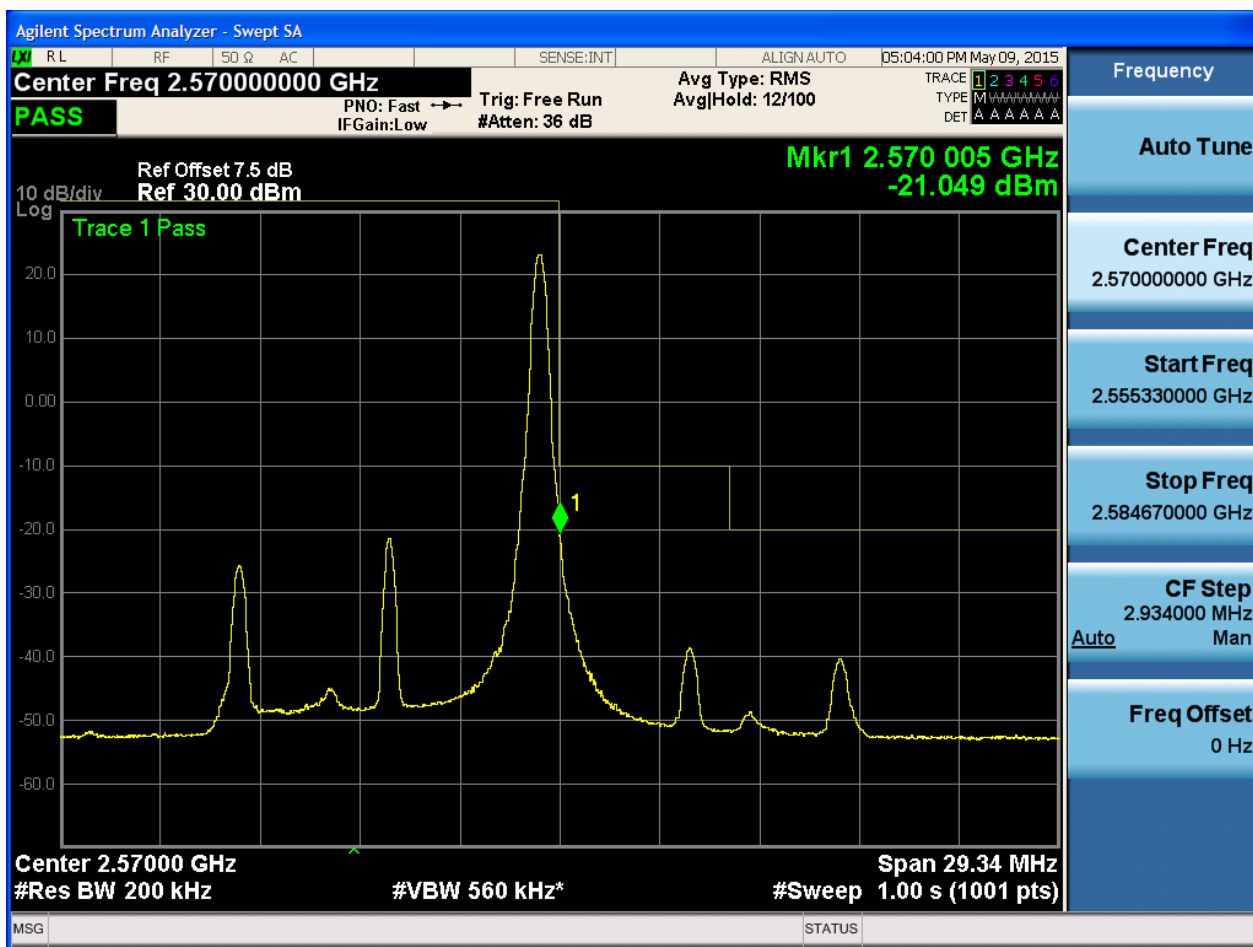
5.2.1.1.2.2 Test Channel = HCH

5.2.1.1.2.2.1 Test RB = RB1#0





5.2.1.1.2.2.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.57000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

Trace 1 Pass

10 dB/div
Log

Trace 1 Pass

Mkr1 2.570 005 GHz
-27.864 dBm

Center 2.57000 GHz
#Res BW 200 kHz
#VBW 560 kHz*
Span 29.34 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.57000000 GHz

Start Freq
2.555330000 GHz

Stop Freq
2.584670000 GHz

CF Step
2.934000 MHz
Man

Auto

Freq Offset
0 Hz



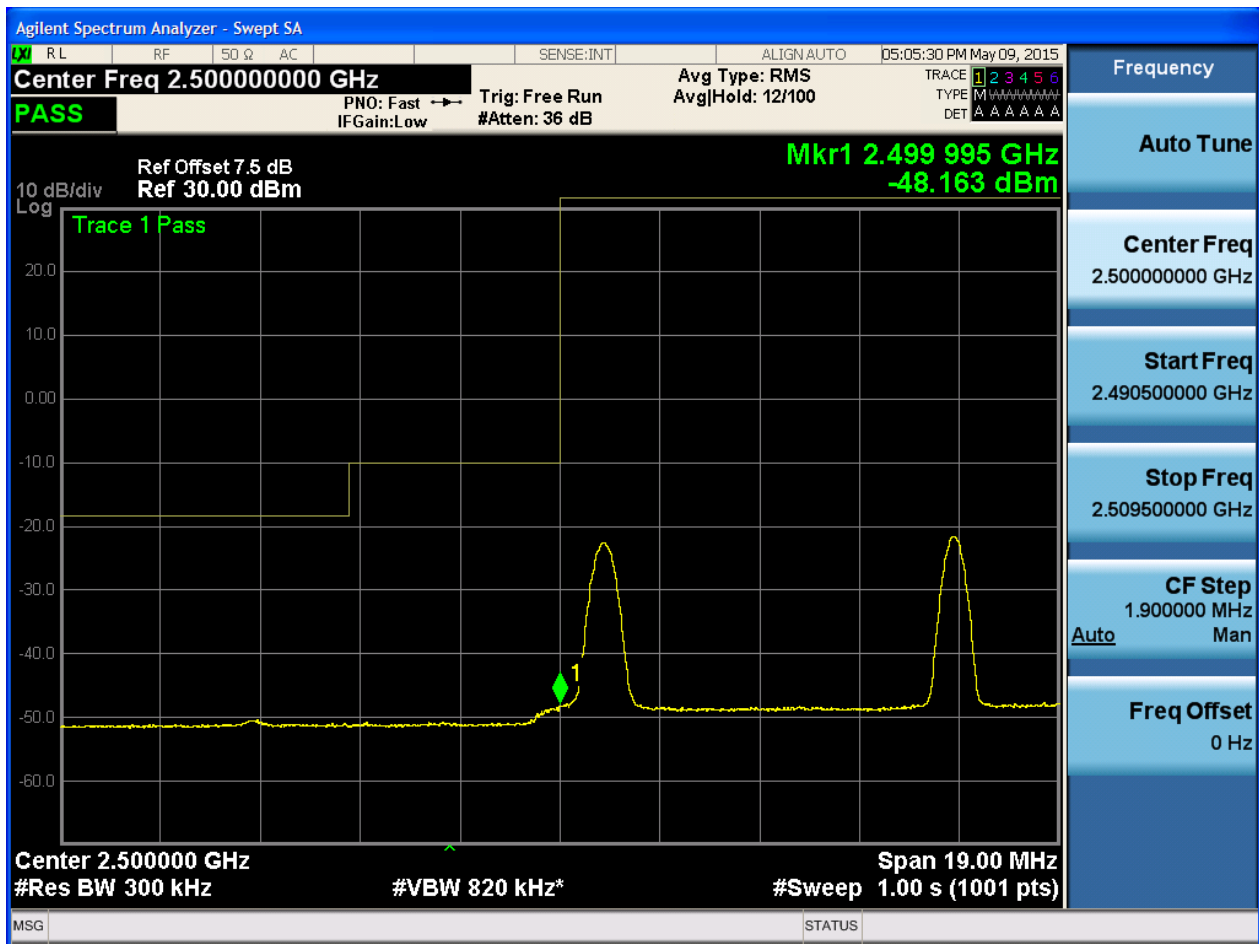
5.2.1.1.2.2.4 Test RB = RB50#0







5.2.1.1.3.1.2 Test RB = RB1#74





5.2.1.1.3.1.3 Test RB = RB36#18





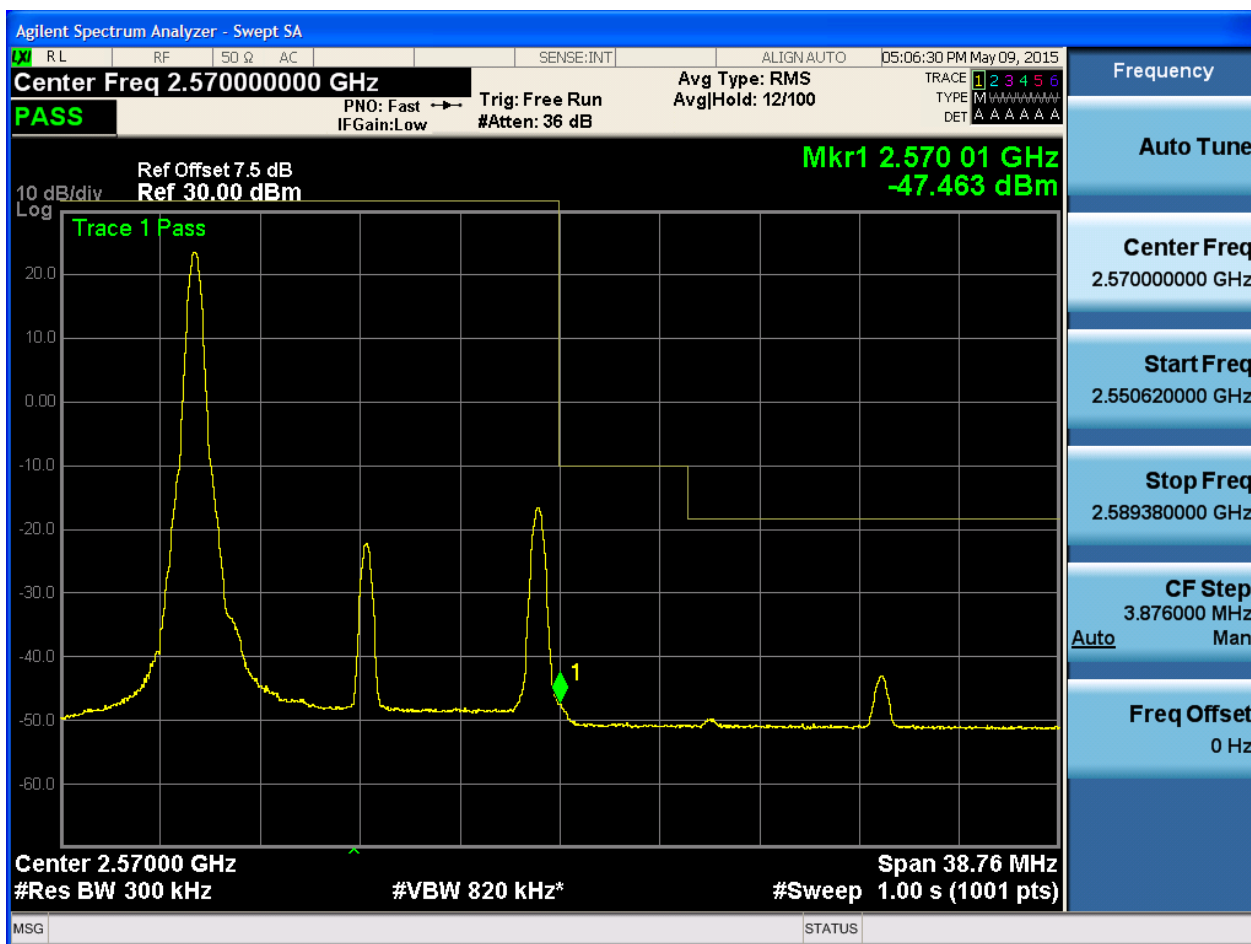
5.2.1.1.3.1.4 Test RB = RB75#0





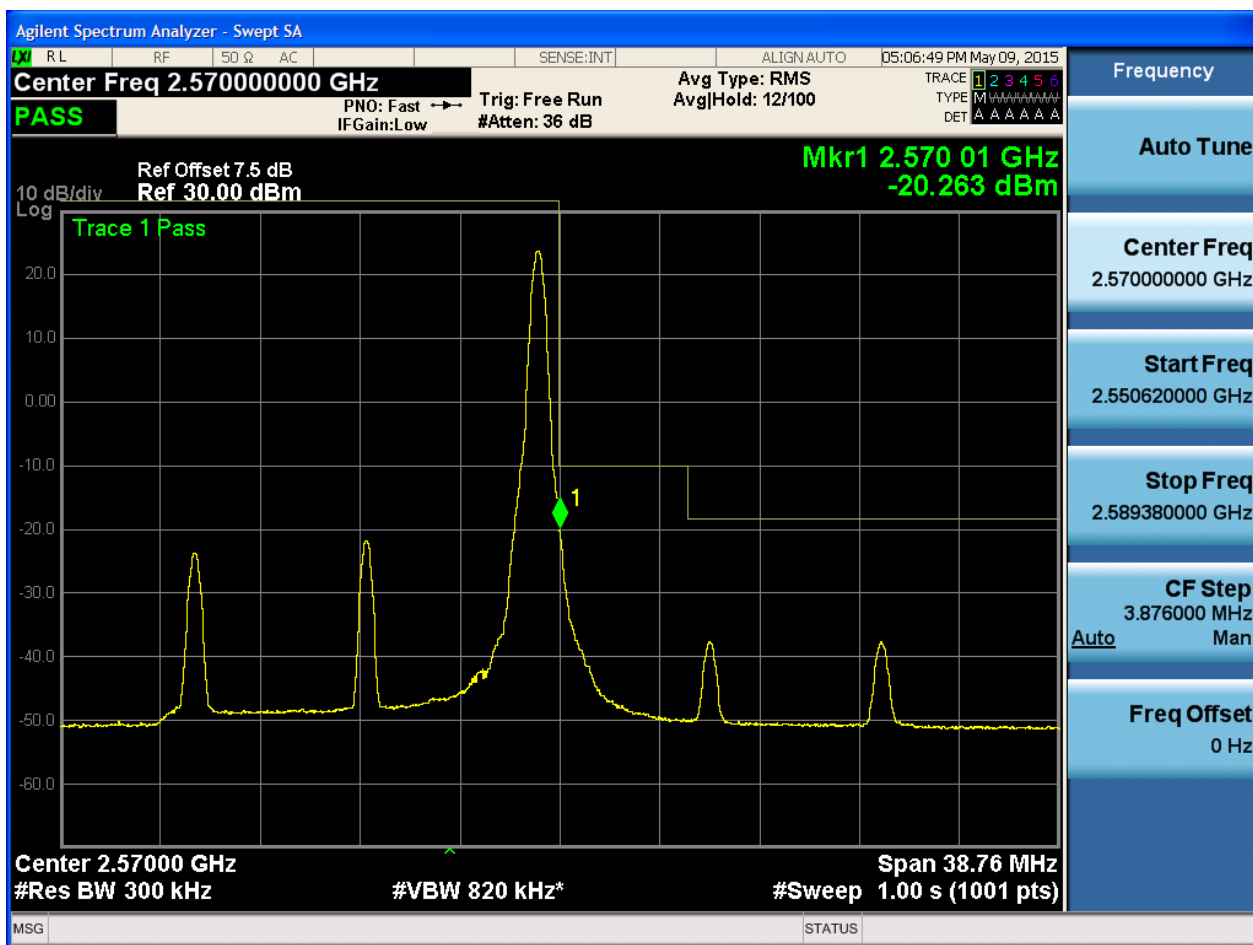
5.2.1.1.3.2 Test Channel = HCH

5.2.1.1.3.2.1 Test RB = RB1#0





5.2.1.1.3.2.2 Test RB = RB1#74





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.57000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

Trace 1 Pass

10 dB/div
Log

Trace 1 Pass

Mkr1 2.5701 GHz
-27.014 dBm

Center 2.57000 GHz
#Res BW 300 kHz
#VBW 820 kHz*

Span 38.76 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.57000000 GHz

Start Freq
2.550620000 GHz

Stop Freq
2.589380000 GHz

CF Step
3.876000 MHz
Man

Freq Offset
0 Hz



5.2.1.1.3.2.4 Test RB = RB75#0

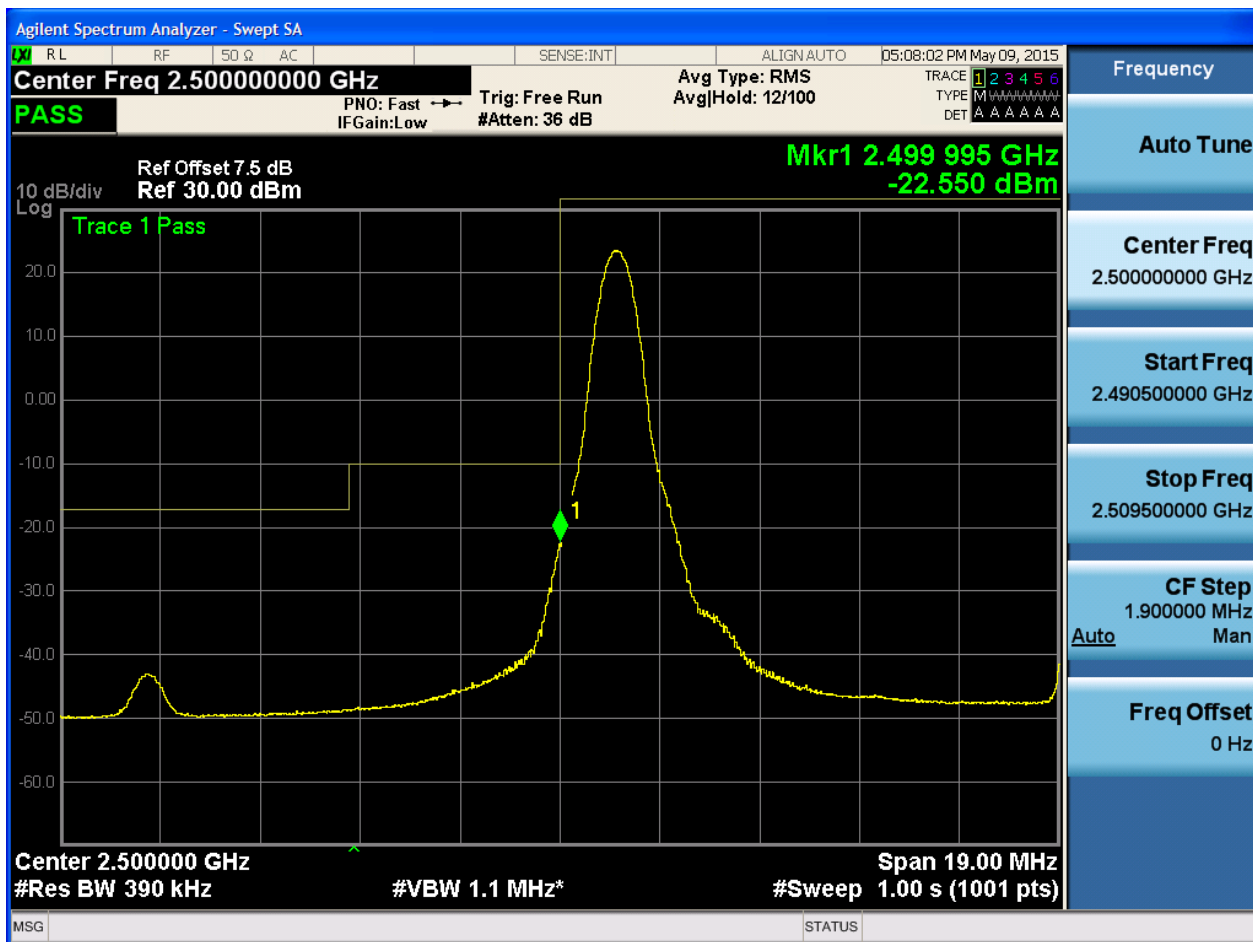




5.2.1.1.4 Test Bandwidth = 20

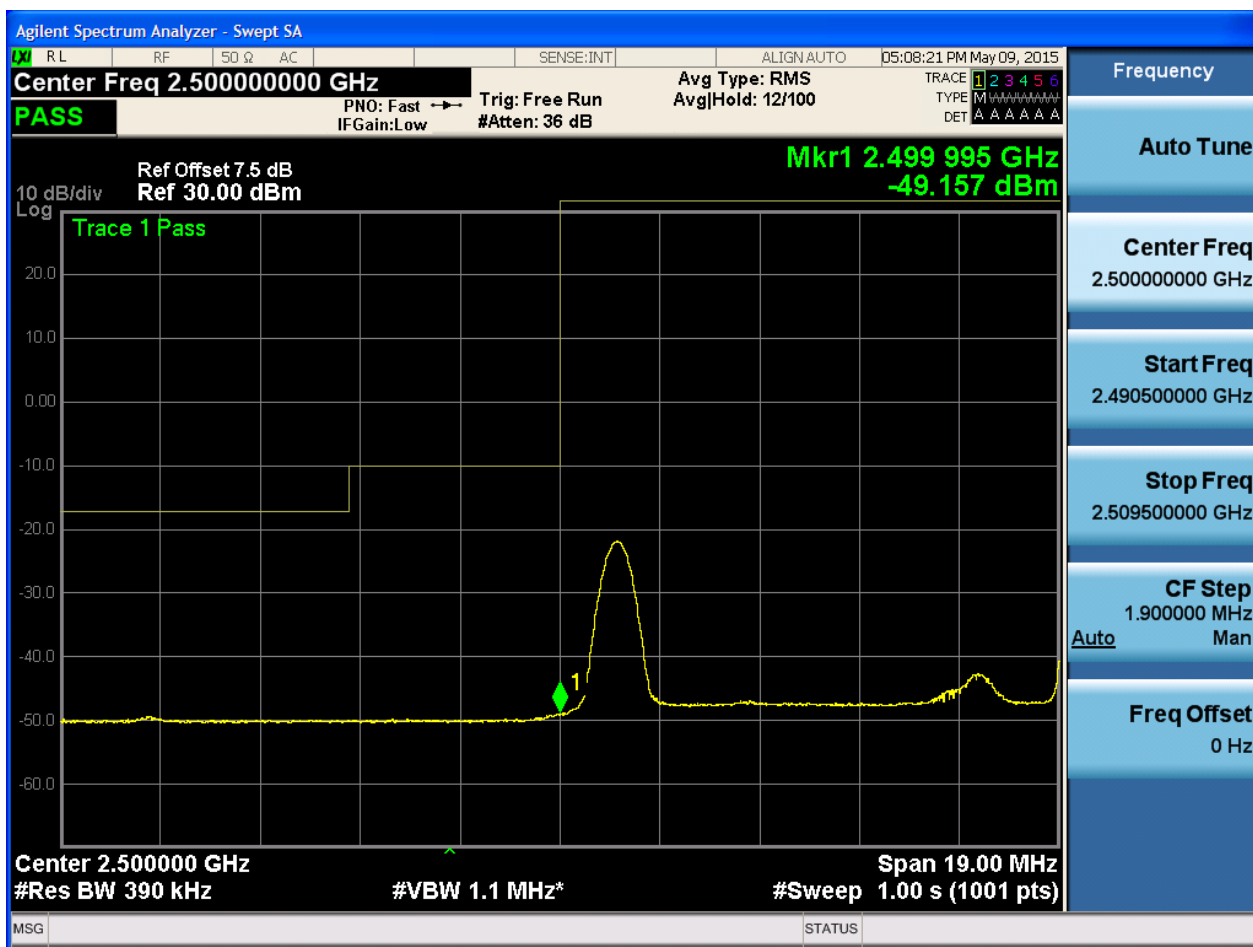
5.2.1.1.4.1 Test Channel = LCH

5.2.1.1.4.1.1 Test RB = RB1#0





5.2.1.1.4.1.2 Test RB = RB1#99





5.2.1.1.4.1.3 Test RB = RB50#25



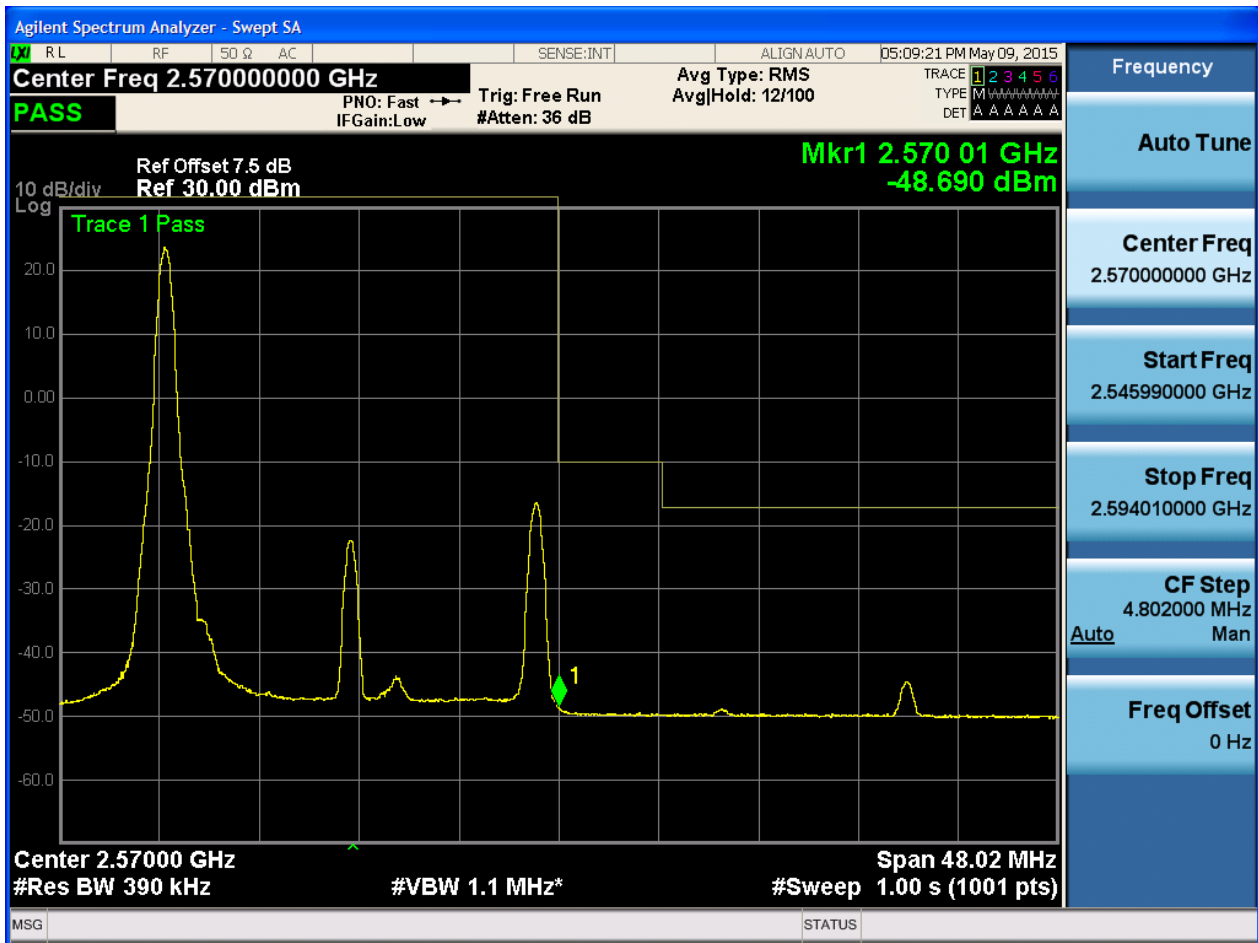


5.2.1.1.4.1.4 Test RB = RB100#0



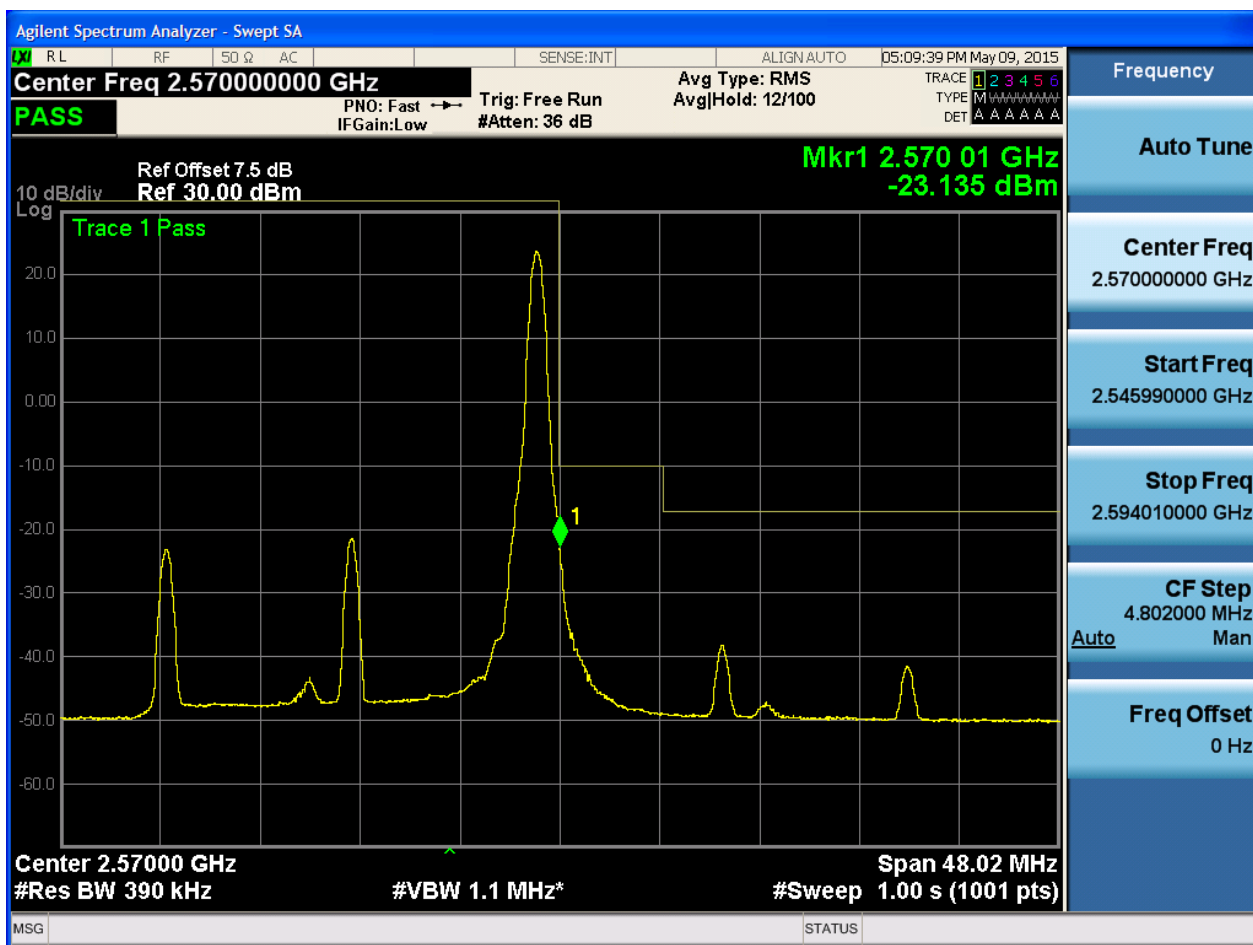


5.2.1.1.4.2.1 Test RB = RB1#0





5.2.1.1.4.2.2 Test RB = RB1#99





5.2.1.1.4.2.3 Test RB = RB50#25





5.2.1.1.4.2.4 Test RB = RB100#0



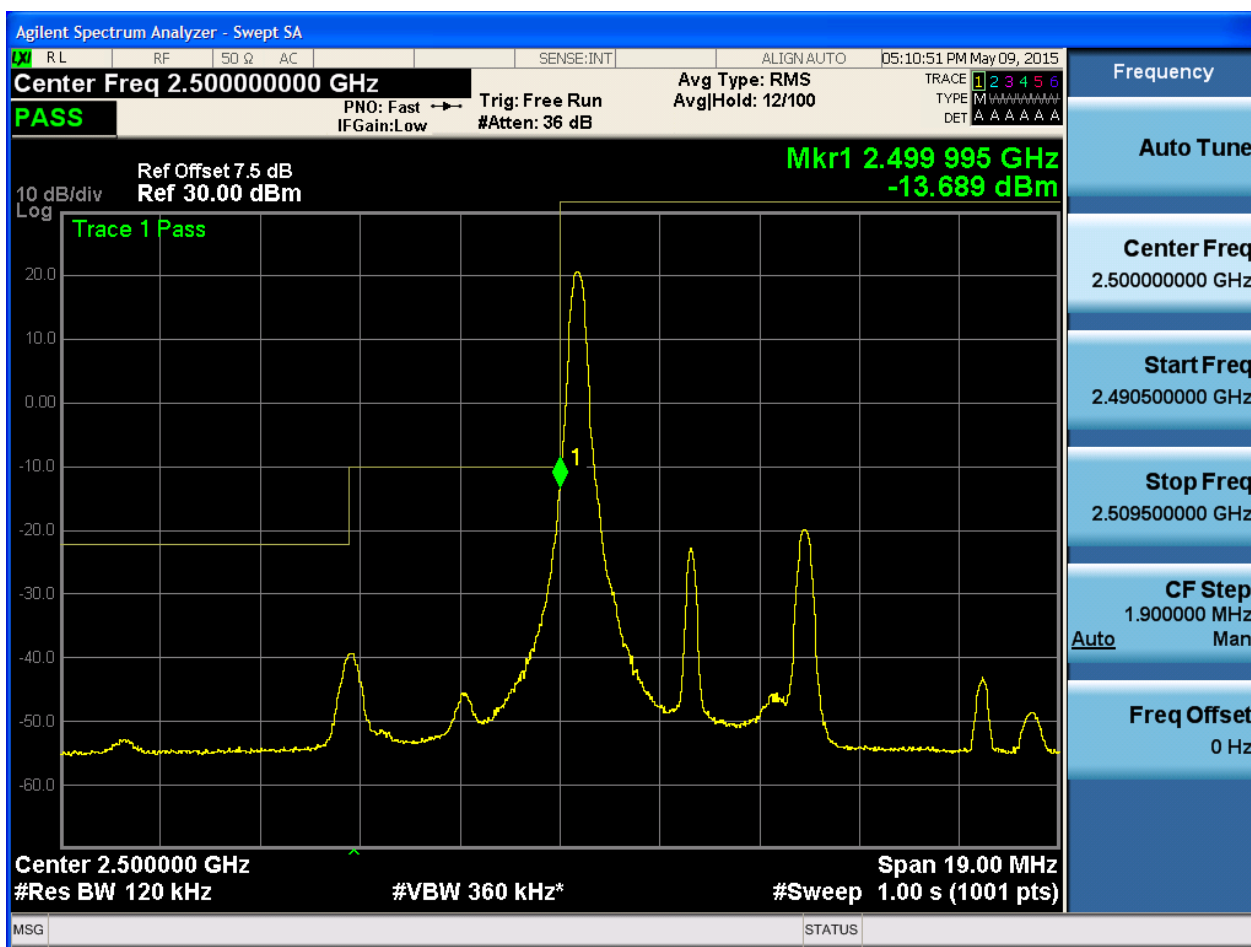


5.2.1.2 Test Mode = LTE/TM2

5.2.1.2.1 Test Bandwidth = 5

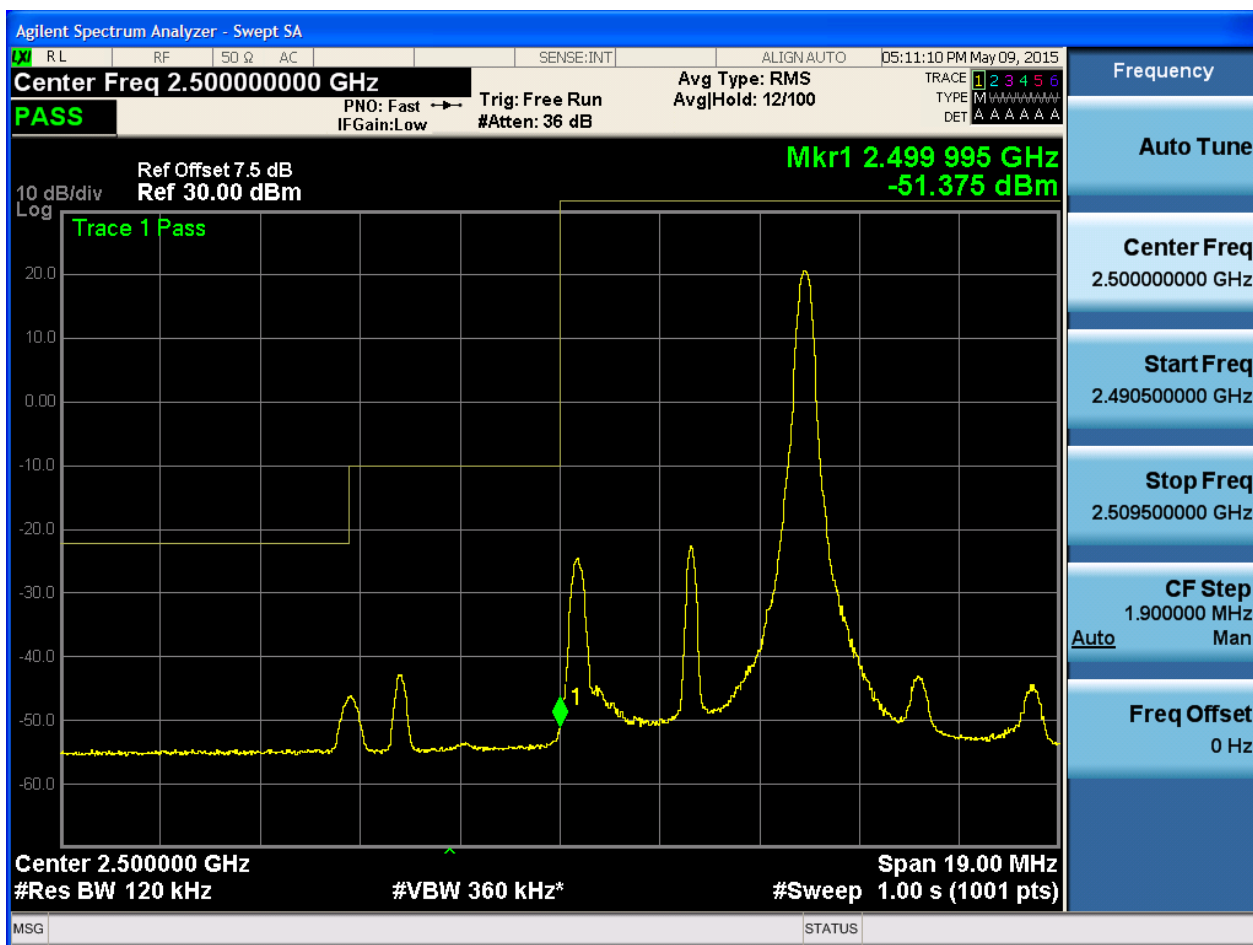
5.2.1.2.1.1 Test Channel = LCH

5.2.1.2.1.1.1 Test RB = RB1#0



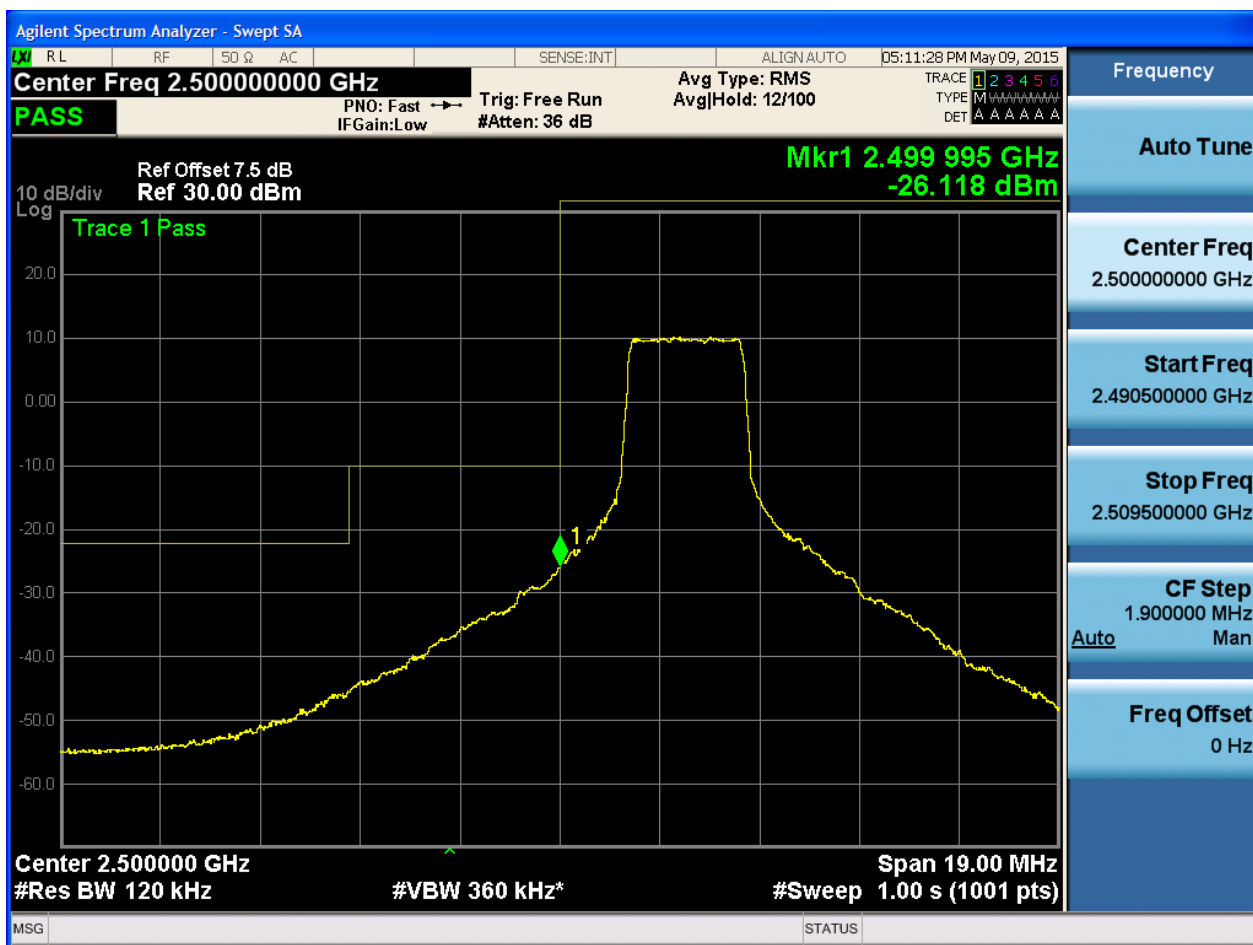


5.2.1.2.1.1.2 Test RB = RB1#24





5.2.1.2.1.1.3 Test RB = RB12#6





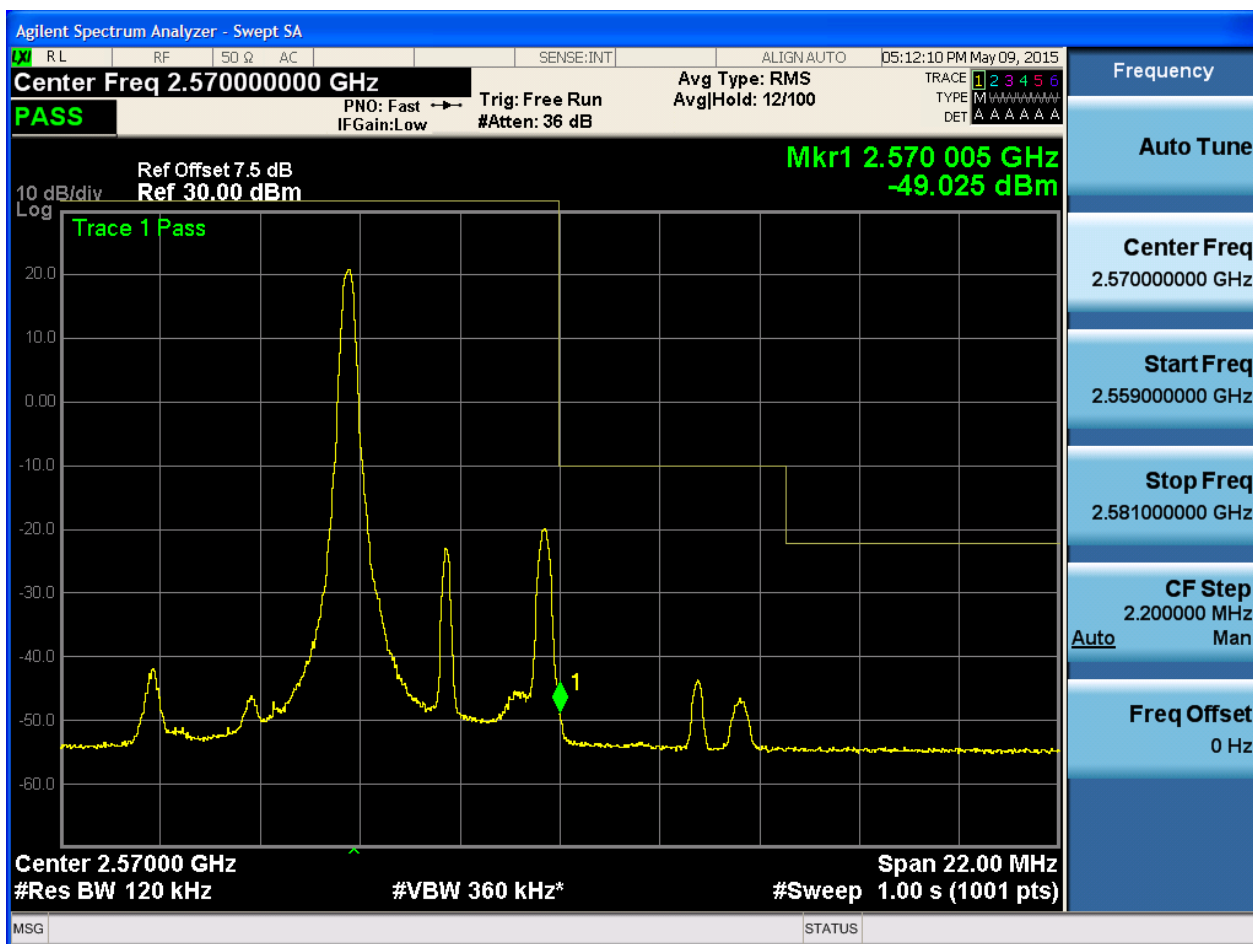
5.2.1.2.1.1.4 Test RB = RB25#0





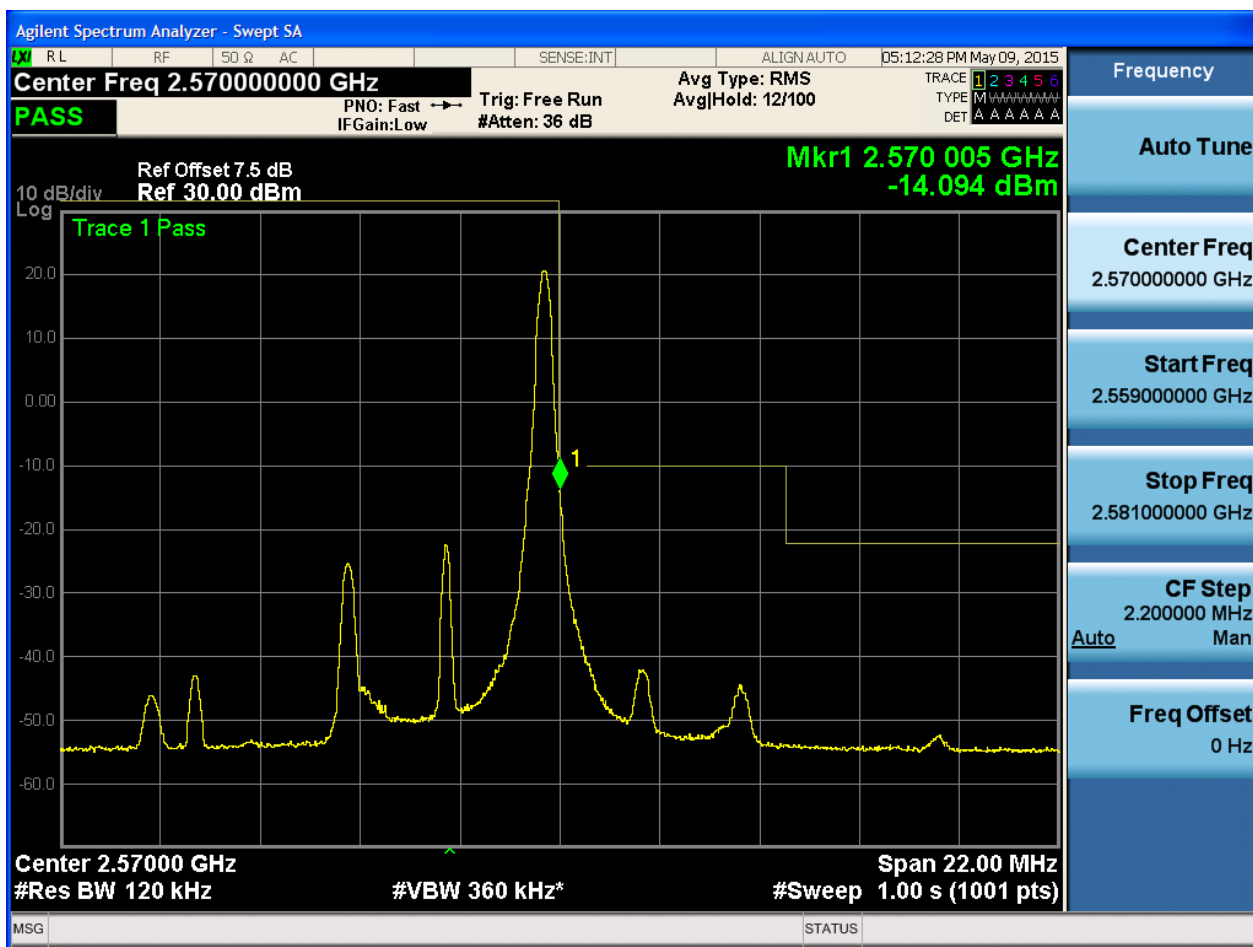
5.2.1.2.1.2 Test Channel = HCH

5.2.1.2.1.2.1 Test RB = RB1#0



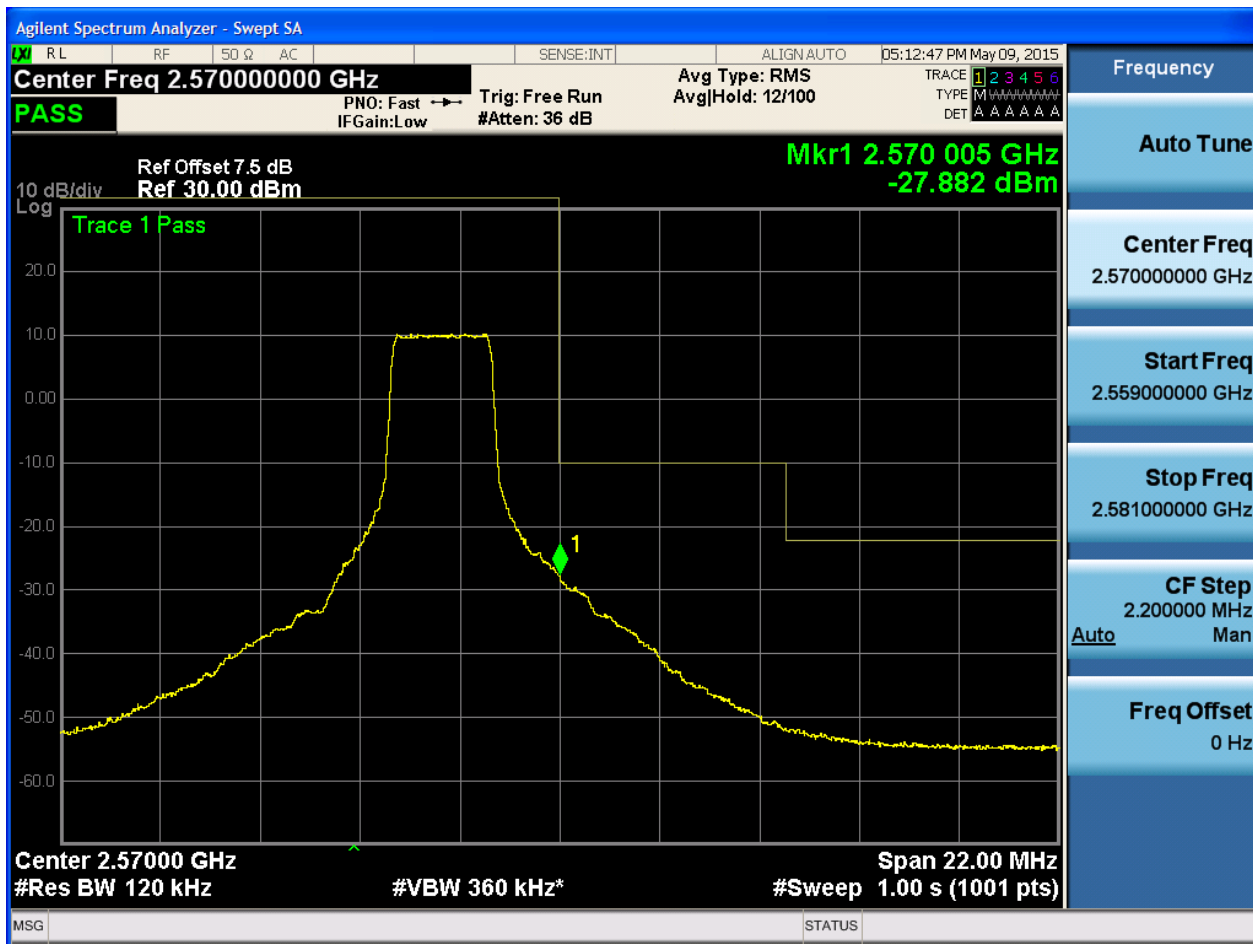


5.2.1.2.1.2.2 Test RB = RB1#24





5.2.1.2.1.2.3 Test RB = RB12#6





5.2.1.2.1.2.4 Test RB = RB25#0

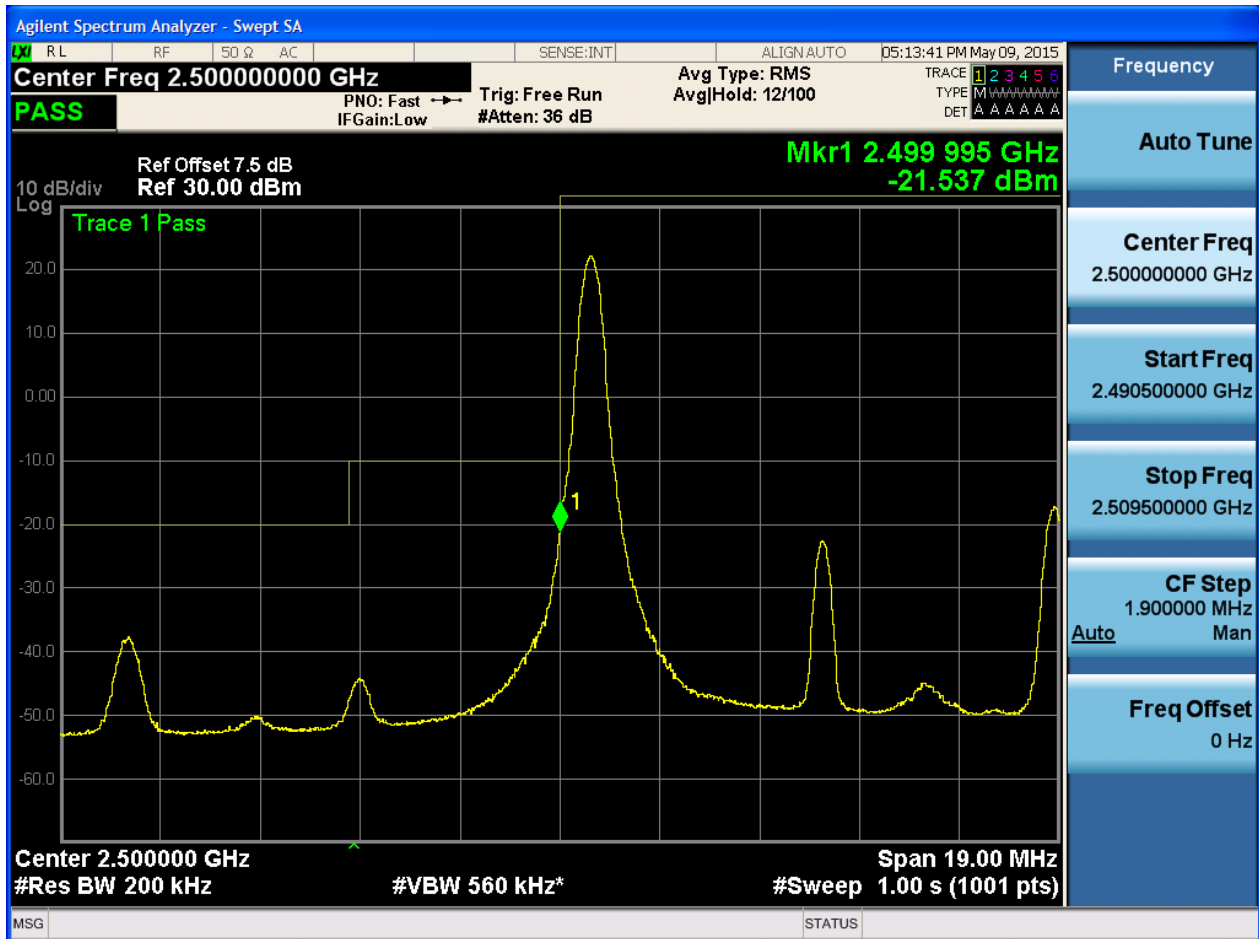




5.2.1.2.2 Test Bandwidth = 10

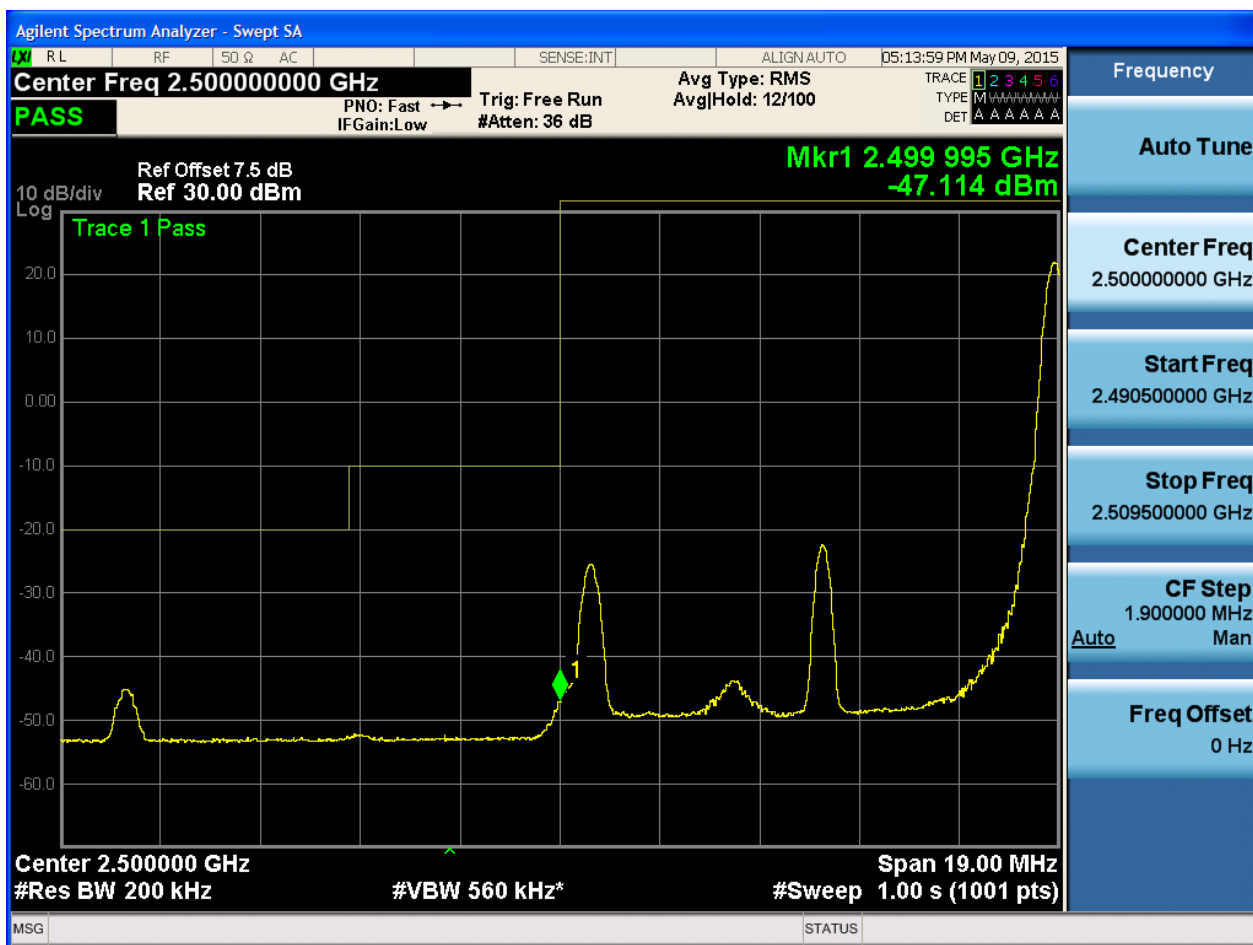
5.2.1.2.2.1 Test Channel = LCH

5.2.1.2.2.1.1 Test RB = RB1#0





5.2.1.2.2.1.2 Test RB = RB1#49





5.2.1.2.2.1.3 Test RB = RB25#13





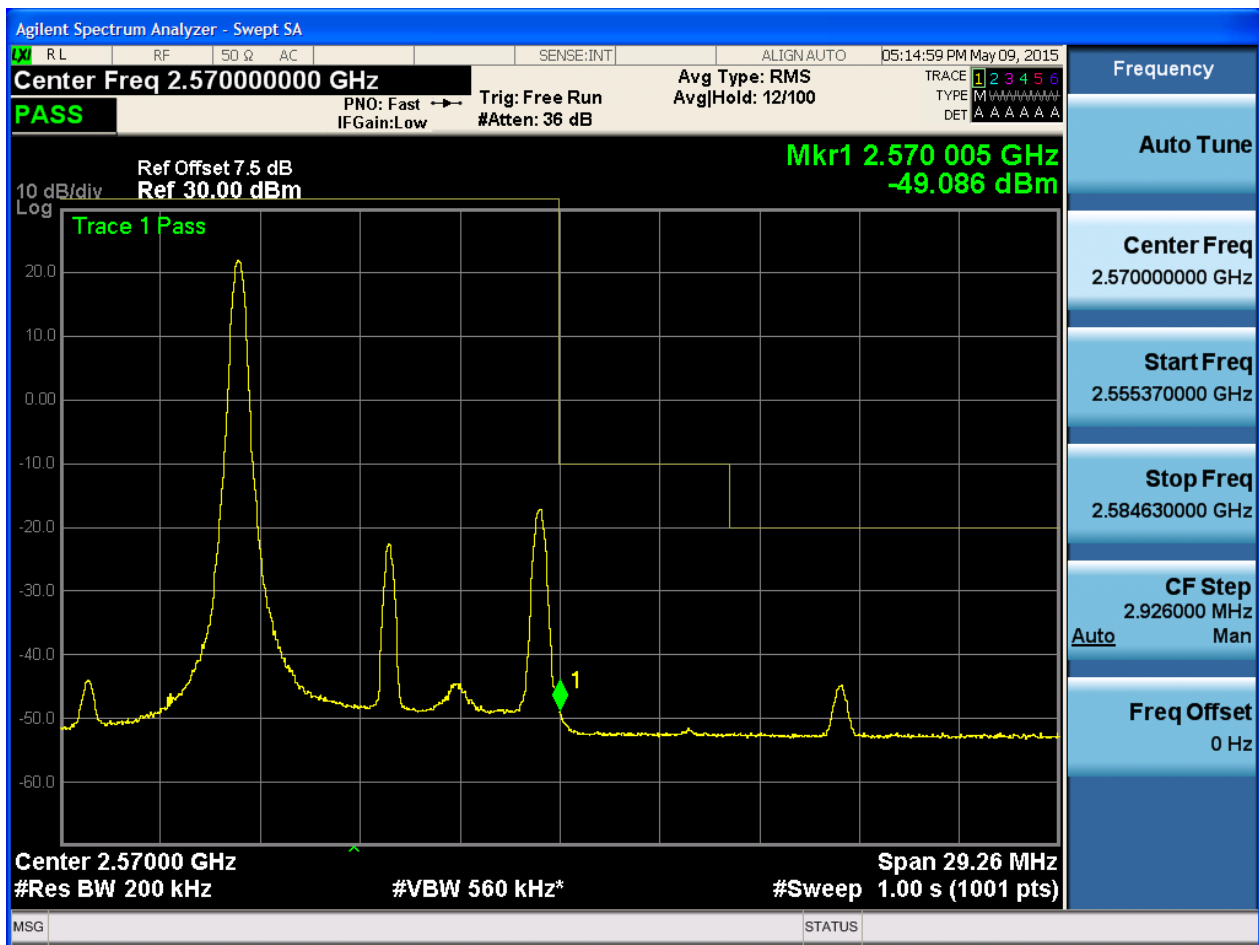
5.2.1.2.2.1.4 Test RB = RB50#0





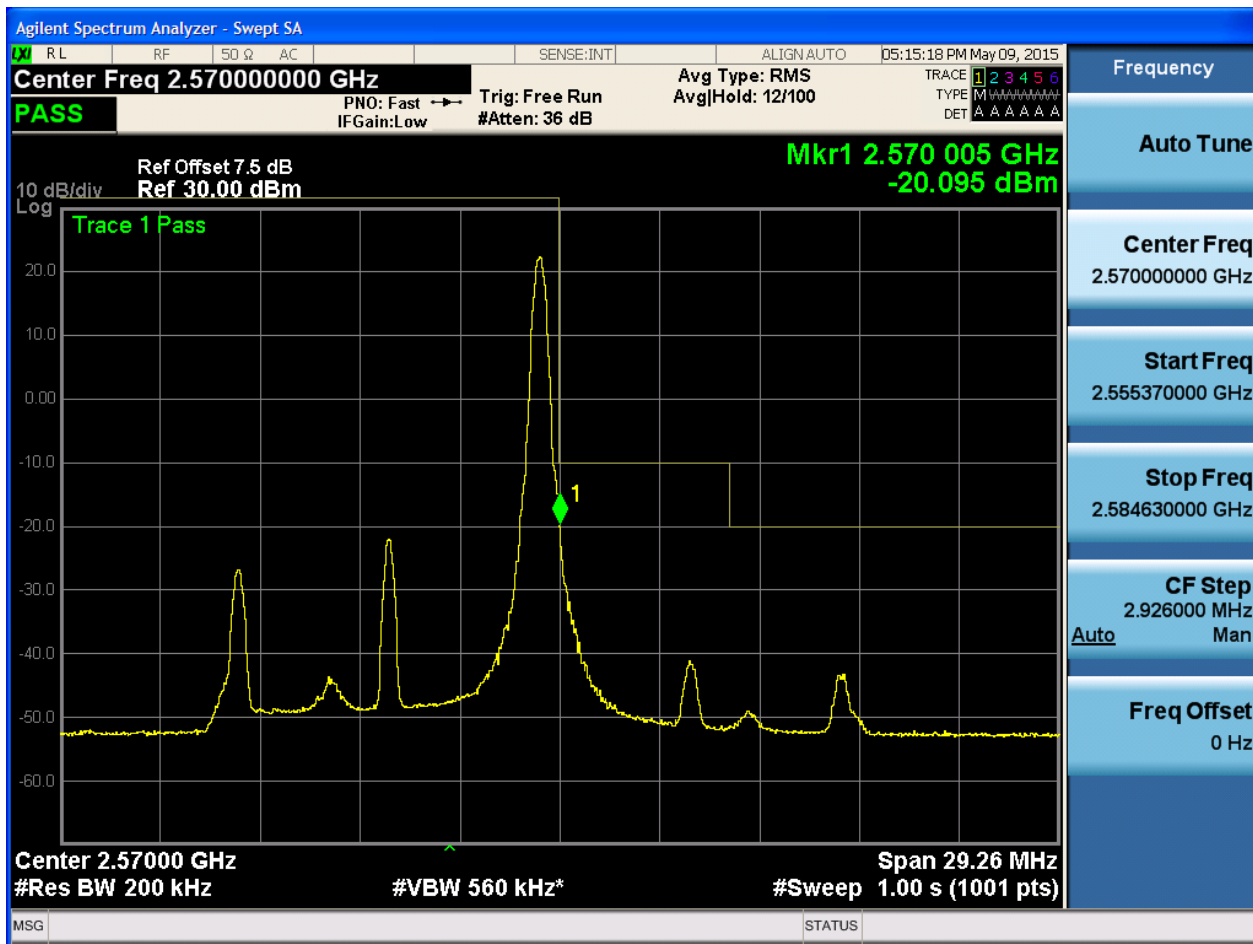
5.2.1.2.2.2 Test Channel = HCH

5.2.1.2.2.2.1 Test RB = RB1#0



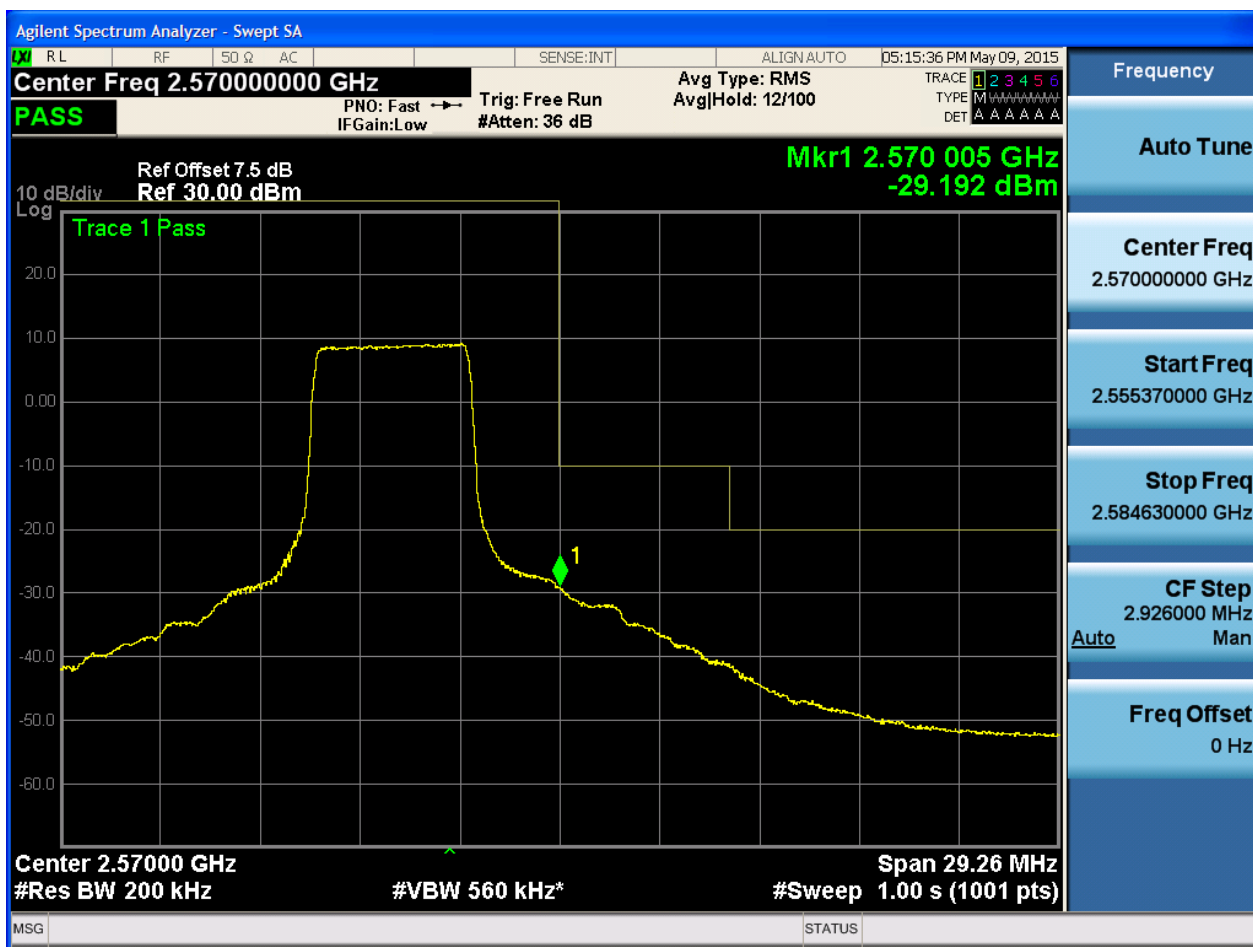


5.2.1.2.2.2 Test RB = RB1#49





5.2.1.2.2.3 Test RB = RB25#13





5.2.1.2.2.4 Test RB = RB50#0

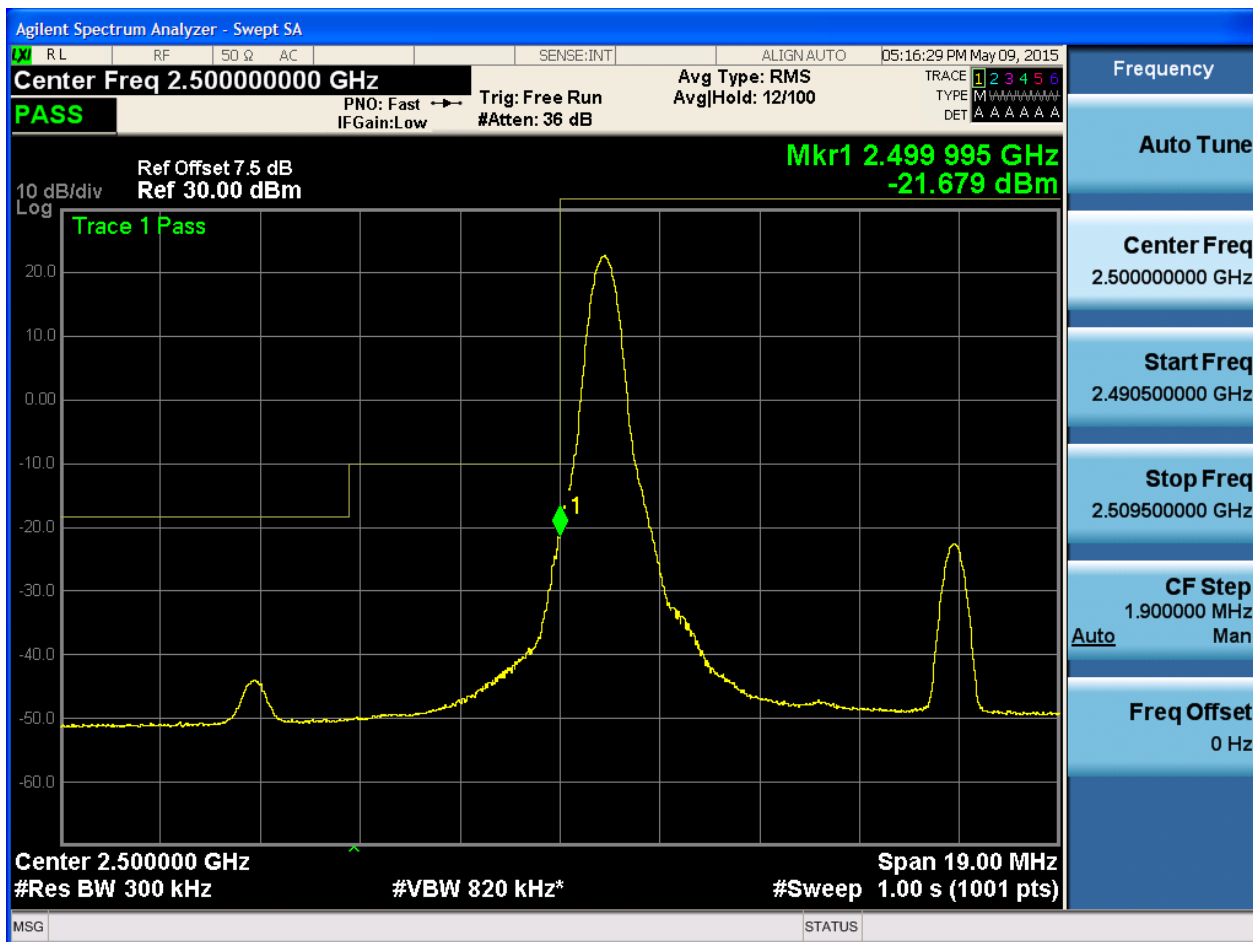




5.2.1.2.3 Test Bandwidth = 15

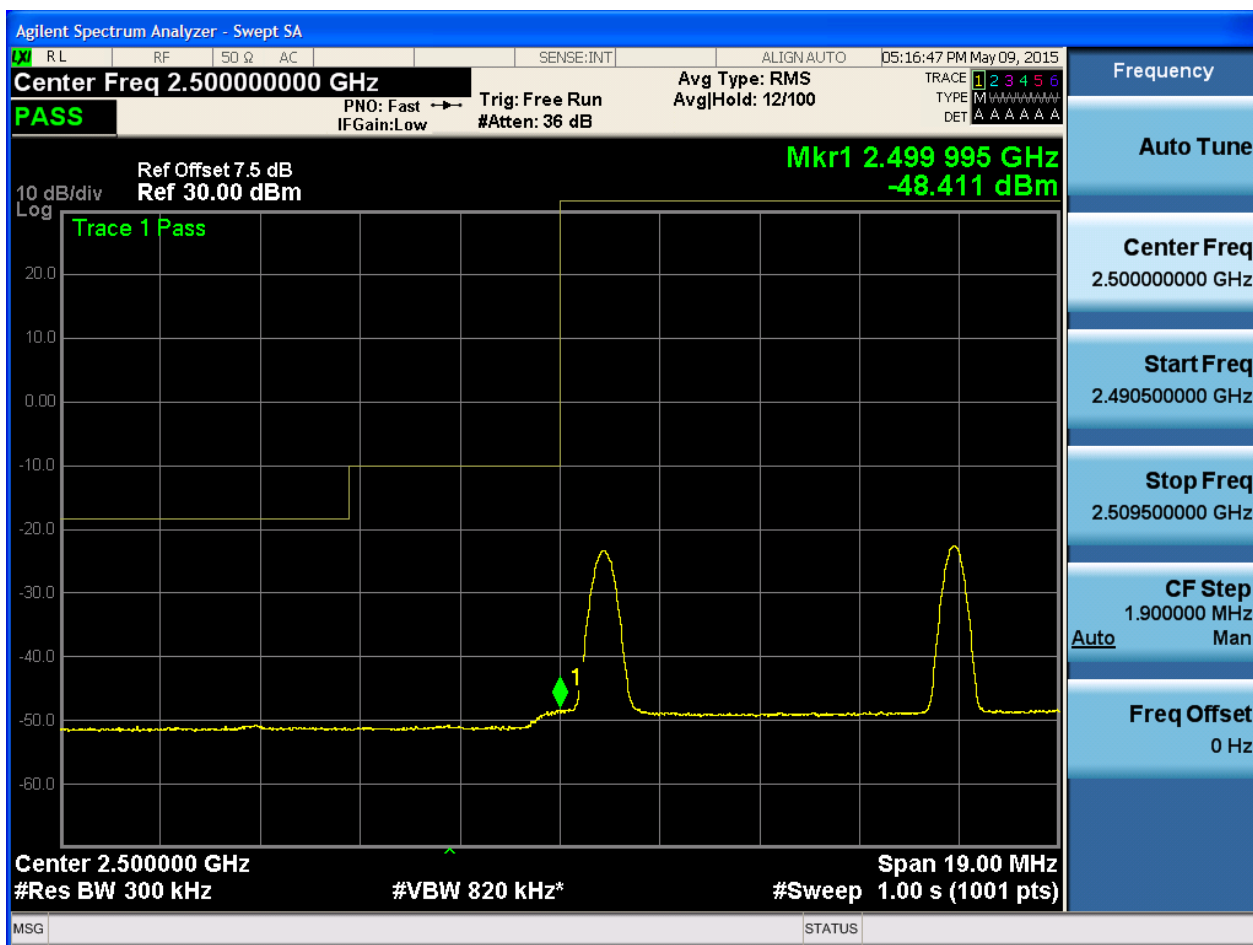
5.2.1.2.3.1 Test Channel = LCH

5.2.1.2.3.1.1 Test RB = RB1#0





5.2.1.2.3.1.2 Test RB = RB1#74





5.2.1.2.3.1.3 Test RB = RB36#18





5.2.1.2.3.1.4 Test RB = RB75#0





5.2.1.2.3.2 Test Channel = HCH

5.2.1.2.3.2.1 Test RB = RB1#0

