



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	32.46	32.64	38.5	PASS
		MCH	32.45	30.62	38.5	PASS
		HCH	32.26	30.42	38.5	PASS
	GSM/TM2	LCH	27.02	25.01	38.5	PASS
		MCH	26.88	25.02	38.5	PASS
		HCH	26.76	24.99	38.5	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.41	29.42	33	PASS
		MCH	29.52	29.54	33	PASS
		HCH	29.65	29.67	33	PASS
	GSM/TM2	LCH	25.47	25.45	33	PASS
		MCH	25.39	25.36	33	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		HCH	25.37	25.33	33	PASS

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	22.3	24.04	33	PASS
				RB1#13	22.19	23.91	33	PASS
				RB1#24	22.06	23.88	33	PASS
				RB12#0	21.31	22.92	33	PASS
				RB12#6	21.22	22.95	33	PASS
				RB12#13	21.24	22.81	33	PASS
				RB25#0	21.23	23.04	33	PASS
			MCH	RB1#0	22.46	24.25	33	PASS
				RB1#13	22.38	24.02	33	PASS
				RB1#24	22.38	24.11	33	PASS
				RB12#0	21.42	23.12	33	PASS
				RB12#6	21.44	23.26	33	PASS
				RB12#13	21.47	23.17	33	PASS
				RB25#0	21.41	23.08	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.07	23.75	33	PASS
				RB1#13	21.99	23.63	33	PASS
				RB1#24	21.96	23.76	33	PASS
				RB12#0	20.96	22.80	33	PASS
				RB12#6	20.94	22.78	33	PASS
				RB12#13	20.89	22.54	33	PASS
				RB25#0	20.93	22.68	33	PASS
		10	LCH	RB1#0	22.28	24.10	33	PASS
				RB1#25	22.1	23.75	33	PASS
				RB1#49	22.19	23.90	33	PASS
				RB25#0	21.24	22.95	33	PASS
				RB25#13	21.23	23.03	33	PASS
				RB25#25	21.26	22.83	33	PASS
				RB50#0	21.21	22.89	33	PASS
			MCH	RB1#0	22.41	24.24	33	PASS
				RB1#25	22.45	24.25	33	PASS
				RB1#49	22.3	24.06	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.48	23.03	33	PASS
				RB25#13	21.43	23.08	33	PASS
				RB25#25	21.49	23.29	33	PASS
				RB50#0	21.45	23.12	33	PASS
			HCH	RB1#0	22.11	23.68	33	PASS
				RB1#25	22.07	23.89	33	PASS
				RB1#49	21.96	23.63	33	PASS
				RB25#0	21	22.77	33	PASS
				RB25#13	20.96	22.64	33	PASS
				RB25#25	20.91	22.71	33	PASS
				RB50#0	20.97	22.71	33	PASS
		15	LCH	RB1#0	22.23	23.99	33	PASS
				RB1#38	22.13	23.92	33	PASS
				RB1#74	22.23	24.00	33	PASS
				RB36#0	21.2	22.90	33	PASS
				RB36#18	21.23	22.86	33	PASS
				RB36#39	21.28	23.10	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.26	22.93	33	PASS
			MCH	RB1#0	22.52	24.14	33	PASS
				RB1#38	22.41	24.22	33	PASS
				RB1#74	22.39	23.97	33	PASS
				RB36#0	21.46	23.14	33	PASS
				RB36#18	21.48	23.16	33	PASS
				RB36#39	21.36	22.96	33	PASS
				RB75#0	21.45	23.14	33	PASS
			HCH	RB1#0	22.14	23.87	33	PASS
				RB1#38	22.04	23.69	33	PASS
				RB1#74	21.89	23.72	33	PASS
				RB36#0	20.98	22.53	33	PASS
				RB36#18	21.02	22.81	33	PASS
				RB36#39	21.01	22.86	33	PASS
				RB75#0	20.97	22.68	33	PASS
		20	LCH	RB1#0	22.19	24.01	33	PASS
				RB1#50	22.17	23.88	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.34	24.03	33	PASS
				RB50#0	21.18	22.79	33	PASS
				RB50#25	21.23	22.86	33	PASS
				RB50#50	21.26	22.90	33	PASS
				RB100#0	21.19	22.81	33	PASS
			MCH	RB1#0	22.41	24.22	33	PASS
				RB1#50	22.42	24.14	33	PASS
				RB1#99	22.31	23.93	33	PASS
				RB50#0	21.49	23.09	33	PASS
				RB50#25	21.43	23.09	33	PASS
				RB50#50	21.39	23.10	33	PASS
				RB100#0	21.46	23.09	33	PASS
			HCH	RB1#0	22.19	23.84	33	PASS
				RB1#50	22.07	23.64	33	PASS
				RB1#99	21.95	23.53	33	PASS
				RB50#0	21.09	22.83	33	PASS
				RB50#25	20.99	22.59	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	20.95	22.61	33	PASS
				RB100#0	20.97	22.73	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.31	23.15	33	PASS
				RB1#13	21.22	23.01	33	PASS
				RB1#24	21.24	23.05	33	PASS
				RB12#0	20.27	21.90	33	PASS
				RB12#6	20.25	21.94	33	PASS
				RB12#13	20.24	21.90	33	PASS
				RB25#0	20.24	21.86	33	PASS
			MCH	RB1#0	21.48	23.14	33	PASS
				RB1#13	21.42	23.11	33	PASS
				RB1#24	21.38	23.09	33	PASS
				RB12#0	20.41	22.07	33	PASS
				RB12#6	20.42	22.23	33	PASS
				RB12#13	20.45	22.21	33	PASS
				RB25#0	20.36	22.03	33	PASS
			HCH	RB1#0	20.99	22.82	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	20.96	22.56	33	PASS
				RB1#24	20.91	22.49	33	PASS
				RB12#0	20.05	21.69	33	PASS
				RB12#6	20.03	21.73	33	PASS
				RB12#13	20.03	21.86	33	PASS
				RB25#0	19.98	21.82	33	PASS
		10	LCH	RB1#0	21.48	23.16	33	PASS
				RB1#25	21.3	22.86	33	PASS
				RB1#49	21.33	23.10	33	PASS
				RB25#0	20.21	21.87	33	PASS
				RB25#13	20.2	21.91	33	PASS
				RB25#25	20.21	22.02	33	PASS
				RB50#0	20.22	21.94	33	PASS
			MCH	RB1#0	21.56	23.41	33	PASS
				RB1#25	21.59	23.39	33	PASS
				RB1#49	21.51	23.33	33	PASS
				RB25#0	20.46	22.27	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.41	21.97	33	PASS
				RB25#25	20.47	22.20	33	PASS
				RB50#0	20.41	22.13	33	PASS
			HCH	RB1#0	21.27	22.87	33	PASS
				RB1#25	21.15	23.00	33	PASS
				RB1#49	21.09	22.73	33	PASS
				RB25#0	20.09	21.78	33	PASS
				RB25#13	20.09	21.73	33	PASS
				RB25#25	20.05	21.70	33	PASS
				RB50#0	20.04	21.78	33	PASS
		15	LCH	RB1#0	21.42	23.06	33	PASS
				RB1#38	21.39	23.20	33	PASS
				RB1#74	21.41	23.14	33	PASS
				RB36#0	20.27	21.91	33	PASS
				RB36#18	20.28	22.03	33	PASS
				RB36#39	20.26	21.91	33	PASS
				RB75#0	20.24	21.95	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.62	23.23	33	PASS
				RB1#38	21.59	23.38	33	PASS
				RB1#74	21.56	23.18	33	PASS
				RB36#0	20.49	22.20	33	PASS
				RB36#18	20.44	22.22	33	PASS
				RB36#39	20.31	21.92	33	PASS
				RB75#0	20.45	22.10	33	PASS
			HCH	RB1#0	21.29	23.00	33	PASS
				RB1#38	21.18	22.83	33	PASS
				RB1#74	21.07	22.65	33	PASS
				RB36#0	20.14	21.99	33	PASS
				RB36#18	20.09	21.80	33	PASS
				RB36#39	20.08	21.72	33	PASS
				RB75#0	20.05	21.69	33	PASS
		20	LCH	RB1#0	21.4	23.15	33	PASS
				RB1#50	21.32	22.87	33	PASS
				RB1#99	21.48	23.19	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.17	21.88	33	PASS
				RB50#25	20.16	21.85	33	PASS
				RB50#50	20.2	22.05	33	PASS
				RB100#0	20.2	21.86	33	PASS
			MCH	RB1#0	21.55	23.15	33	PASS
				RB1#50	21.6	23.20	33	PASS
				RB1#99	21.46	23.17	33	PASS
				RB50#0	20.45	22.24	33	PASS
				RB50#25	20.37	21.97	33	PASS
				RB50#50	20.3	21.91	33	PASS
				RB100#0	20.39	22.11	33	PASS
			HCH	RB1#0	21.32	22.97	33	PASS
				RB1#50	21.18	22.96	33	PASS
				RB1#99	21.06	22.76	33	PASS
				RB50#0	20.12	21.68	33	PASS
				RB50#25	20.09	21.90	33	PASS
				RB50#50	20.03	21.61	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.06	21.89	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	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM1900	GSM/TM1	LCH	0.27	13	PASS
		MCH	0.24	13	PASS
		HCH	0.26	13	PASS
	GSM/TM2	LCH	3.18	13	PASS
		MCH	3.21	13	PASS
		HCH	3.21	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	4.28	13	PASS
				RB1#13	4.29	13	PASS
				RB1#24	4.39	13	PASS
				RB12#0	5.95	13	PASS
				RB12#6	5.88	13	PASS
				RB12#13	6	13	PASS
				RB25#0	6.2	13	PASS
			MCH	RB1#0	4.49	13	PASS
				RB1#13	4.38	13	PASS
				RB1#24	4.48	13	PASS
				RB12#0	6.11	13	PASS
				RB12#6	5.97	13	PASS
				RB12#13	6.03	13	PASS
				RB25#0	5.92	13	PASS
			HCH	RB1#0	4.67	13	PASS
				RB1#13	4.51	13	PASS
				RB1#24	4.56	13	PASS
				RB12#0	6.31	13	PASS
				RB12#6	6.22	13	PASS
				RB12#13	6.22	13	PASS
				RB25#0	6.05	13	PASS
		10	LCH	RB1#0	4.53	13	PASS
				RB1#25	4.68	13	PASS
				RB1#49	4.79	13	PASS
				RB25#0	5.93	13	PASS
				RB25#13	5.97	13	PASS
				RB25#25	6.1	13	PASS
				RB50#0	6.3	13	PASS
			MCH	RB1#0	5.02	13	PASS
				RB1#25	4.81	13	PASS
				RB1#49	4.82	13	PASS
				RB25#0	6.17	13	PASS
				RB25#13	6.1	13	PASS
				RB25#25	6.07	13	PASS
				RB50#0	6	13	PASS
			HCH	RB1#0	5.32	13	PASS
				RB1#25	5.1	13	PASS
				RB1#49	4.92	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.39	13	PASS
				RB25#13	6.31	13	PASS
				RB25#25	6.24	13	PASS
				RB50#0	6.44	13	PASS
		15	LCH	RB1#0	4.34	13	PASS
				RB1#38	4.5	13	PASS
				RB1#74	5.05	13	PASS
				RB36#0	6.4	13	PASS
				RB36#18	6.54	13	PASS
				RB36#39	6.65	13	PASS
				RB75#0	6.67	13	PASS
			MCH	RB1#0	4.69	13	PASS
				RB1#38	4.52	13	PASS
				RB1#74	4.53	13	PASS
				RB36#0	6.26	13	PASS
				RB36#18	6.08	13	PASS
				RB36#39	6.11	13	PASS
				RB75#0	6.34	13	PASS
			HCH	RB1#0	4.95	13	PASS
				RB1#38	4.82	13	PASS
				RB1#74	4.68	13	PASS
				RB36#0	6.69	13	PASS
				RB36#18	6.63	13	PASS
				RB36#39	6.5	13	PASS
				RB75#0	6.7	13	PASS
		20	LCH	RB1#0	4.37	13	PASS
				RB1#50	4.95	13	PASS
				RB1#99	5.07	13	PASS
				RB50#0	6.58	13	PASS
				RB50#25	6.61	13	PASS
				RB50#50	6.81	13	PASS
				RB100#0	6.66	13	PASS
			MCH	RB1#0	4.79	13	PASS
				RB1#50	4.5	13	PASS
				RB1#99	4.62	13	PASS
				RB50#0	6.28	13	PASS
				RB50#25	6.14	13	PASS
				RB50#50	6.17	13	PASS
				RB100#0	6.31	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	4.9	13	PASS
				RB1#50	4.9	13	PASS
				RB1#99	4.68	13	PASS
				RB50#0	6.72	13	PASS
				RB50#25	6.7	13	PASS
				RB50#50	6.64	13	PASS
				RB100#0	6.62	13	PASS
		5	LCH	RB1#0	5.65	13	PASS
				RB1#13	5.6	13	PASS
				RB1#24	5.81	13	PASS
				RB12#0	6.53	13	PASS
				RB12#6	6.52	13	PASS
				RB12#13	6.58	13	PASS
				RB25#0	7.17	13	PASS
			MCH	RB1#0	5.92	13	PASS
				RB1#13	5.81	13	PASS
				RB1#24	5.88	13	PASS
				RB12#0	6.52	13	PASS
				RB12#6	6.48	13	PASS
				RB12#13	6.4	13	PASS
				RB25#0	7.2	13	PASS
			HCH	RB1#0	6.27	13	PASS
				RB1#13	5.99	13	PASS
				RB1#24	6.07	13	PASS
				RB12#0	6.55	13	PASS
				RB12#6	6.48	13	PASS
				RB12#13	6.5	13	PASS
				RB25#0	6.88	13	PASS
		10	LCH	RB1#0	5.85	13	PASS
				RB1#25	5.84	13	PASS
				RB1#49	6.03	13	PASS
				RB25#0	6.83	13	PASS
				RB25#13	6.86	13	PASS
				RB25#25	6.71	13	PASS
				RB50#0	7.12	13	PASS
			MCH	RB1#0	5.73	13	PASS
				RB1#25	5.49	13	PASS
				RB1#49	5.56	13	PASS
				RB25#0	6.87	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.87	13	PASS
				RB25#25	6.6	13	PASS
				RB50#0	6.88	13	PASS
			HCH	RB1#0	6.24	13	PASS
				RB1#25	6.03	13	PASS
				RB1#49	6.03	13	PASS
				RB25#0	7.13	13	PASS
				RB25#13	7.01	13	PASS
				RB25#25	6.97	13	PASS
				RB50#0	7.25	13	PASS
		15	LCH	RB1#0	5.72	13	PASS
				RB1#38	5.89	13	PASS
				RB1#74	6.15	13	PASS
				RB36#0	7.02	13	PASS
				RB36#18	6.75	13	PASS
				RB36#39	7.03	13	PASS
				RB75#0	6.95	13	PASS
			MCH	RB1#0	5.75	13	PASS
				RB1#38	5.49	13	PASS
				RB1#74	5.51	13	PASS
				RB36#0	7.2	13	PASS
				RB36#18	7.13	13	PASS
				RB36#39	6.8	13	PASS
				RB75#0	7.04	13	PASS
			HCH	RB1#0	6.24	13	PASS
				RB1#38	6.08	13	PASS
				RB1#74	6	13	PASS
				RB36#0	7.37	13	PASS
				RB36#18	7.39	13	PASS
				RB36#39	7.15	13	PASS
				RB75#0	7.07	13	PASS
		20	LCH	RB1#0	5.84	13	PASS
				RB1#50	5.98	13	PASS
				RB1#99	6.15	13	PASS
				RB50#0	7.13	13	PASS
				RB50#25	7.02	13	PASS
				RB50#50	7.23	13	PASS
				RB100#0	7.45	13	PASS
			MCH	RB1#0	5.86	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	5.53	13	PASS
				RB1#99	5.5	13	PASS
				RB50#0	7.12	13	PASS
				RB50#25	7	13	PASS
				RB50#50	7.06	13	PASS
				RB100#0	7.24	13	PASS
			HCH	RB1#0	5.95	13	PASS
				RB1#50	6.16	13	PASS
				RB1#99	6.02	13	PASS
				RB50#0	7.52	13	PASS
				RB50#25	7.32	13	PASS
				RB50#50	7.25	13	PASS
				RB100#0	7.29	13	PASS

3Appendix_C: Modulation Characteristics

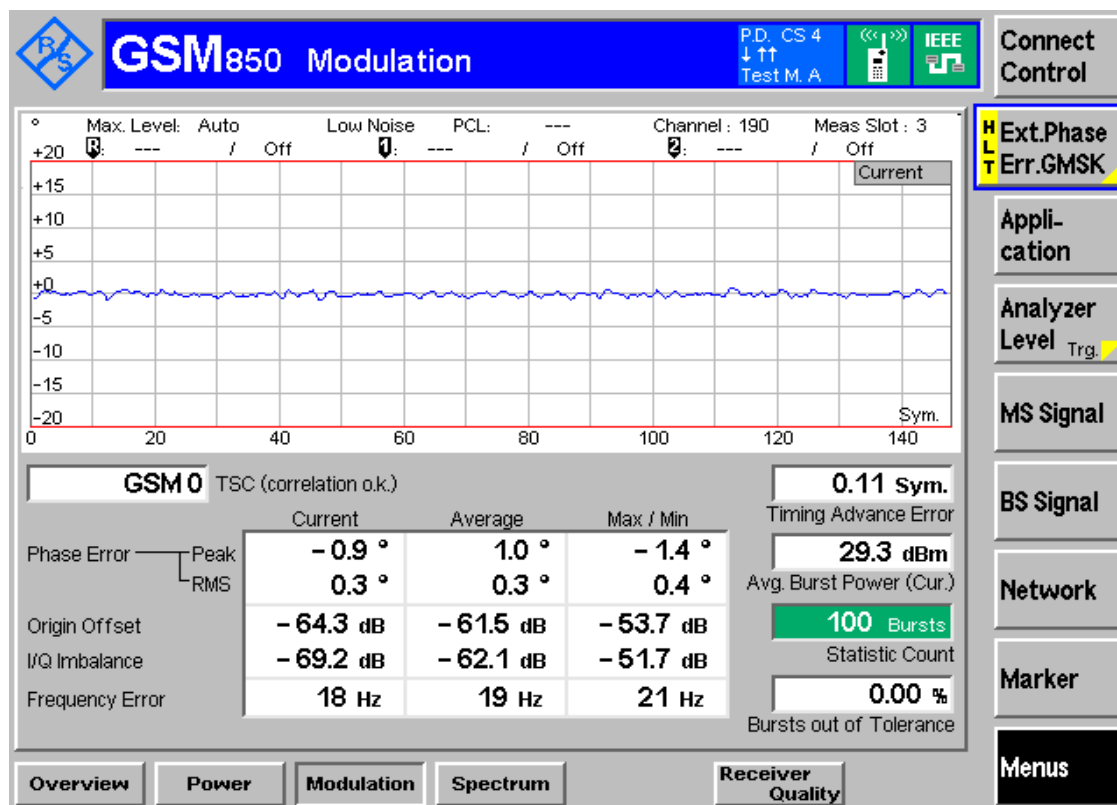
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

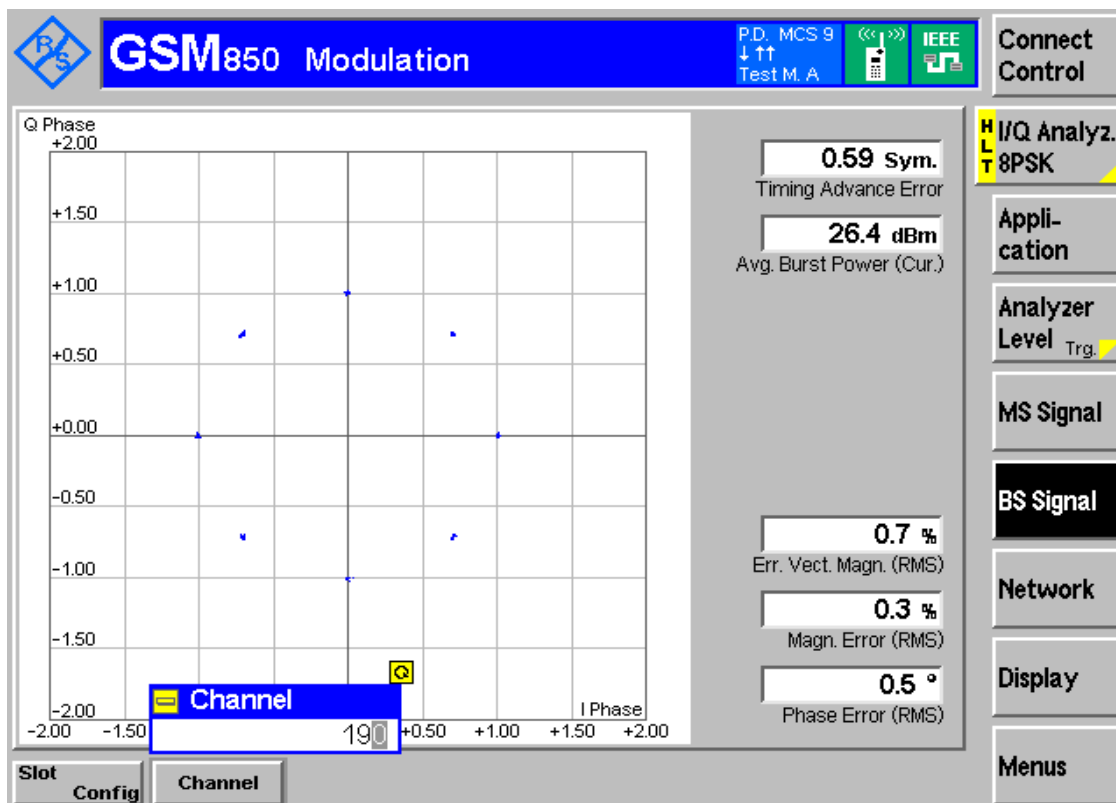
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

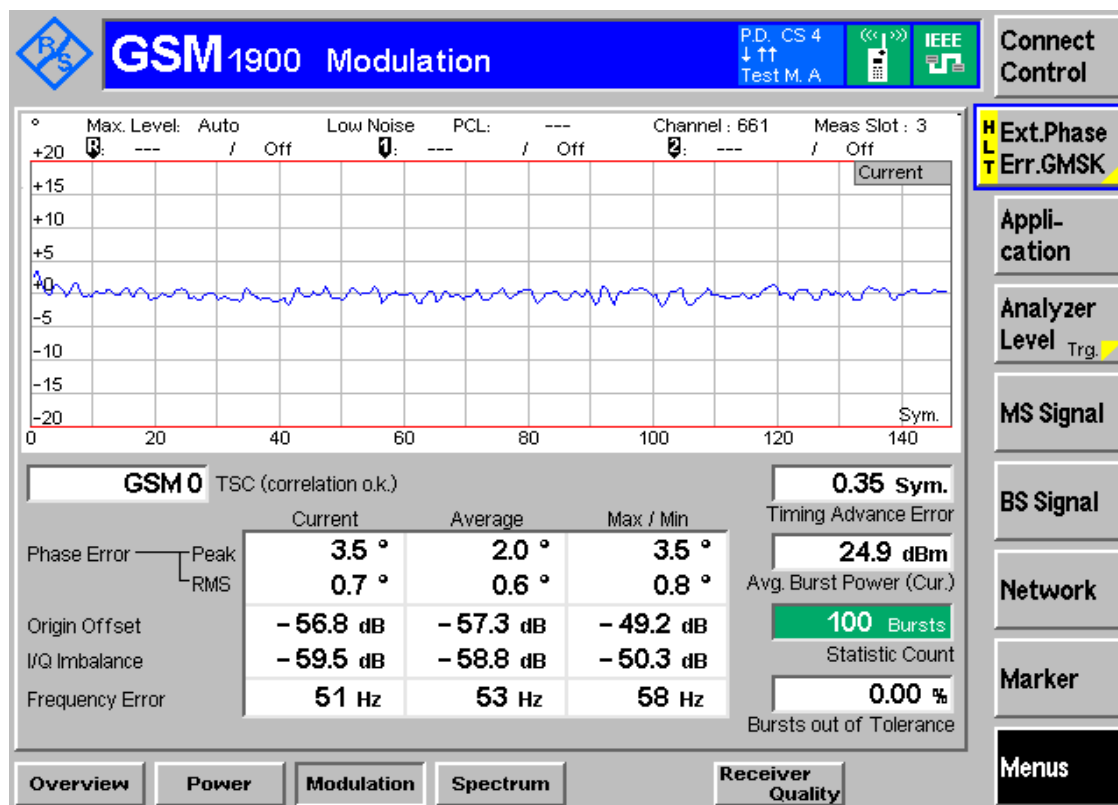
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

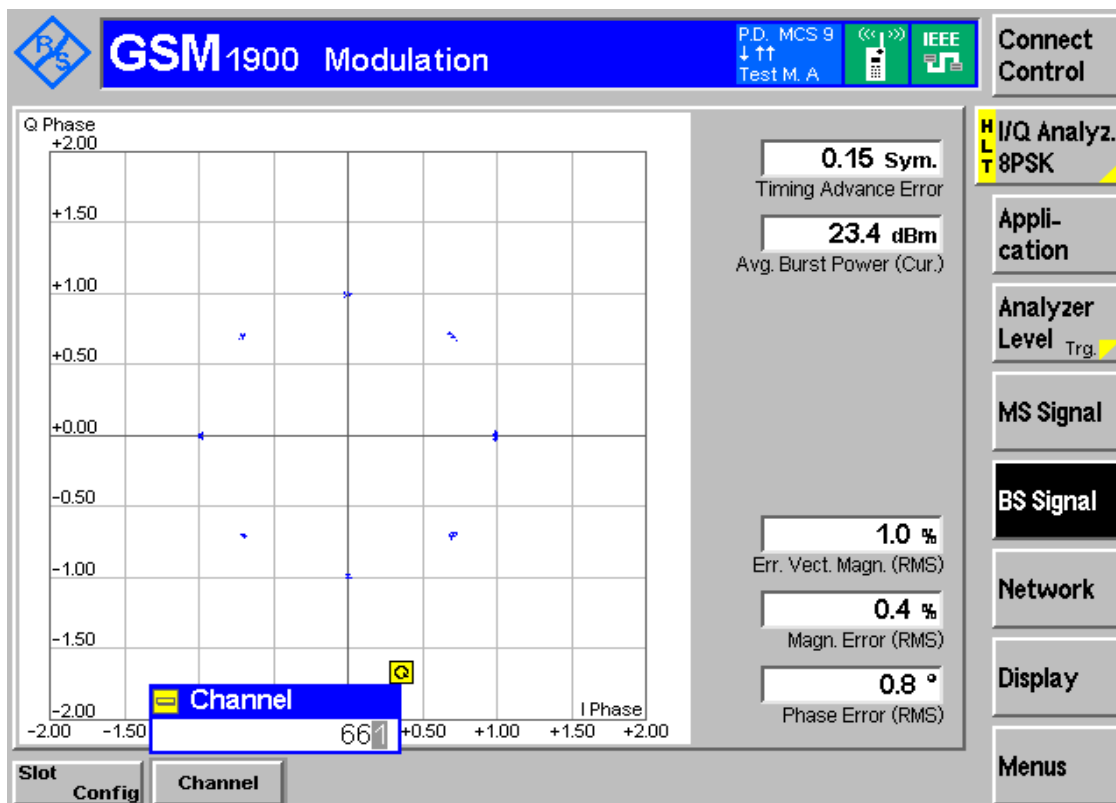
3.1.2.1 Test Mode = GSM/TM1

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

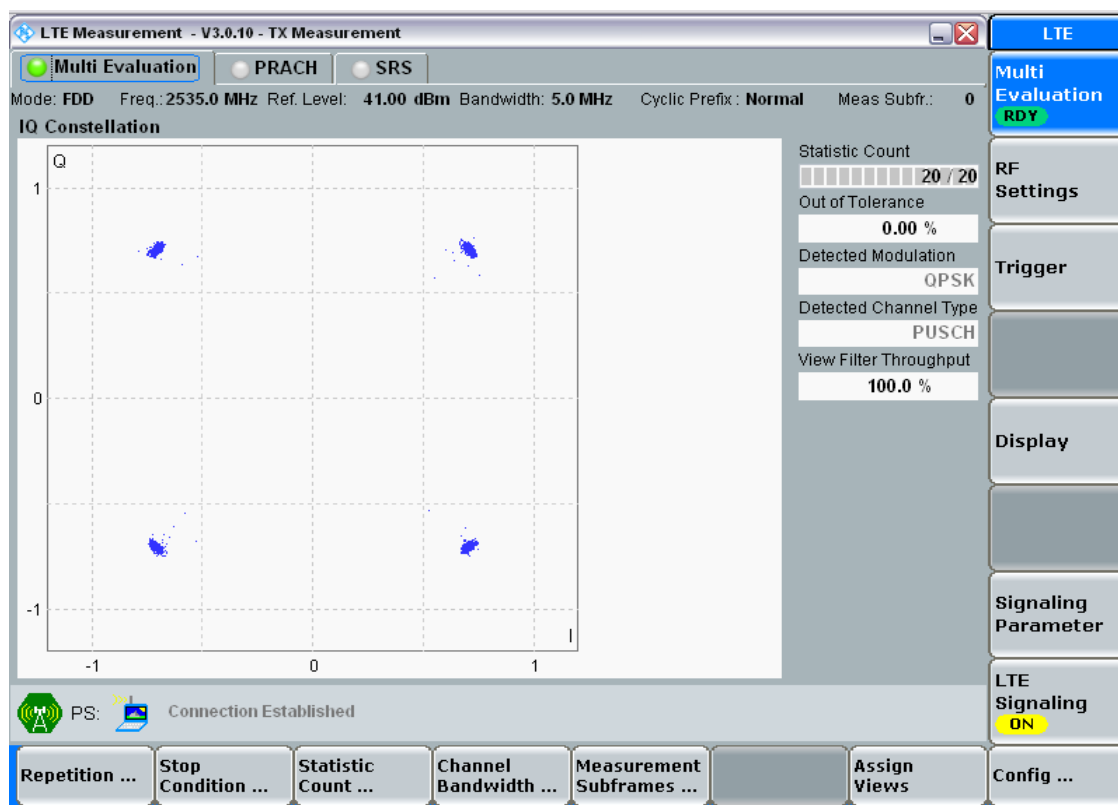
3.2.1 Test Band = BAND7

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

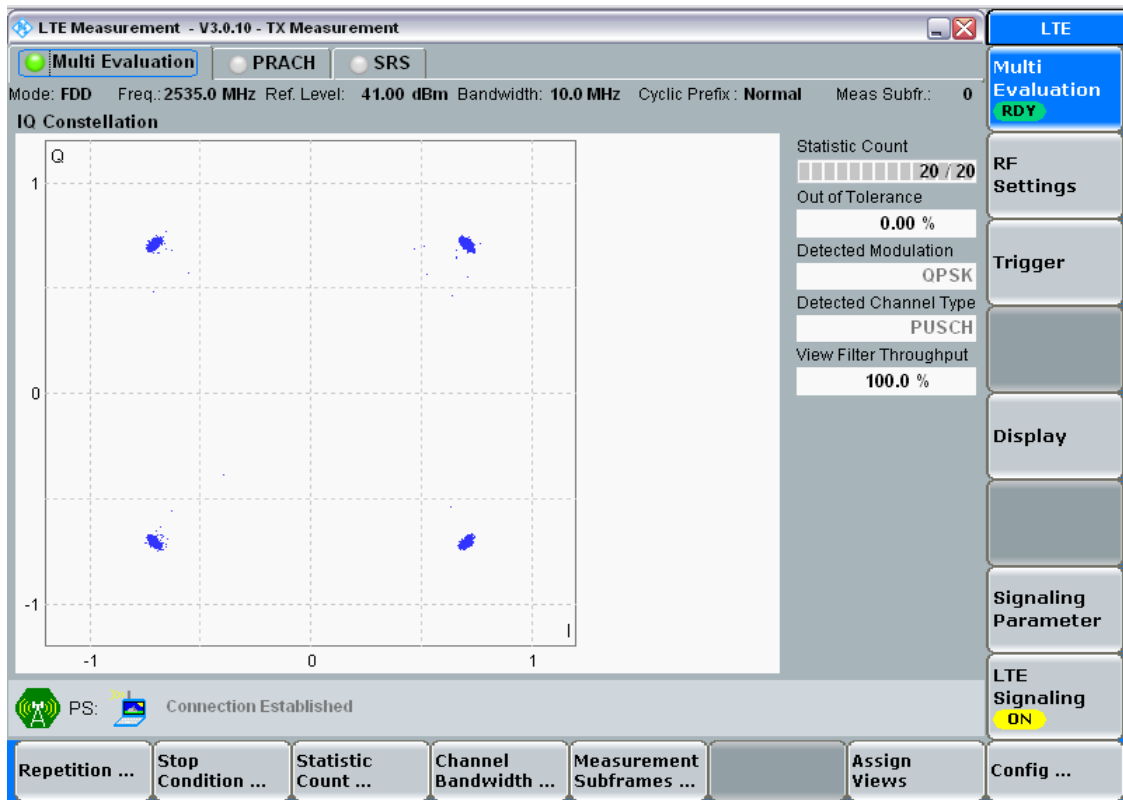
3.2.1.1.1.1.1 Test RB = RB25#0



3.2.1.1.2 Test Bandwidth = 10

3.2.1.1.2.1 Test Channel = MCH

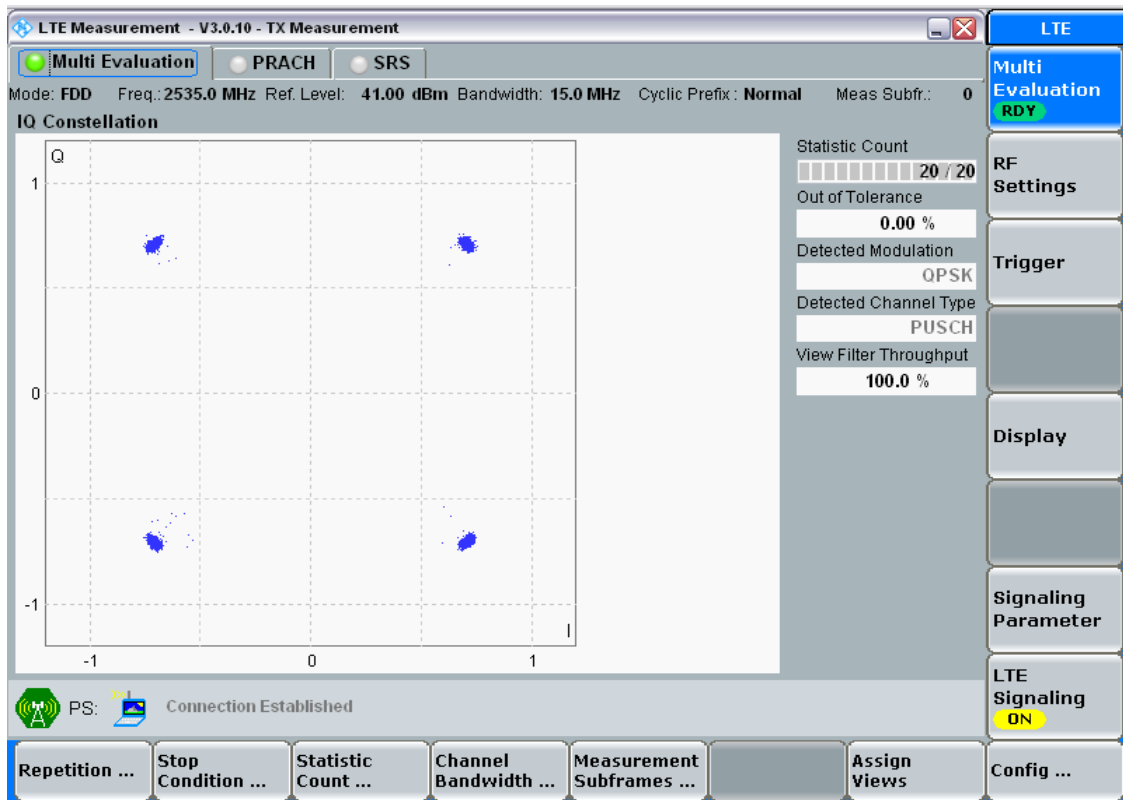
3.2.1.1.2.1.1 Test RB = RB50#0



3.2.1.1.3 Test Bandwidth = 15

3.2.1.1.3.1 Test Channel = MCH

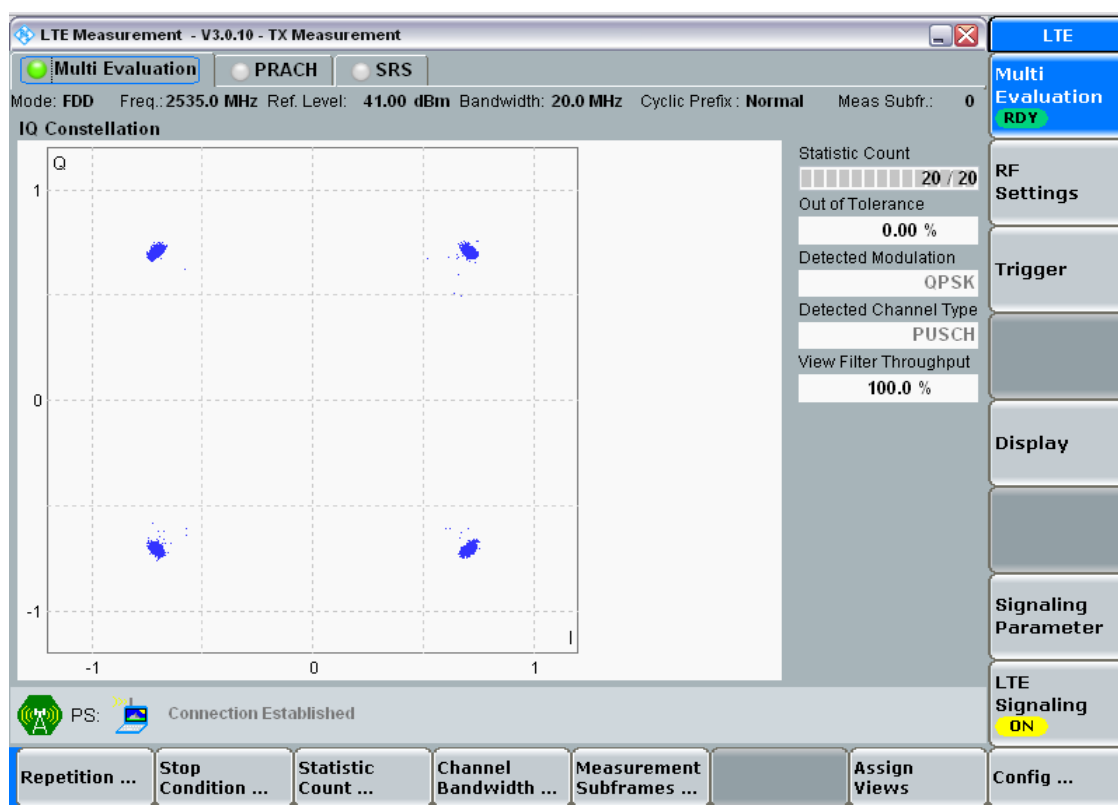
3.2.1.1.3.1.1 Test RB = RB75#0



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

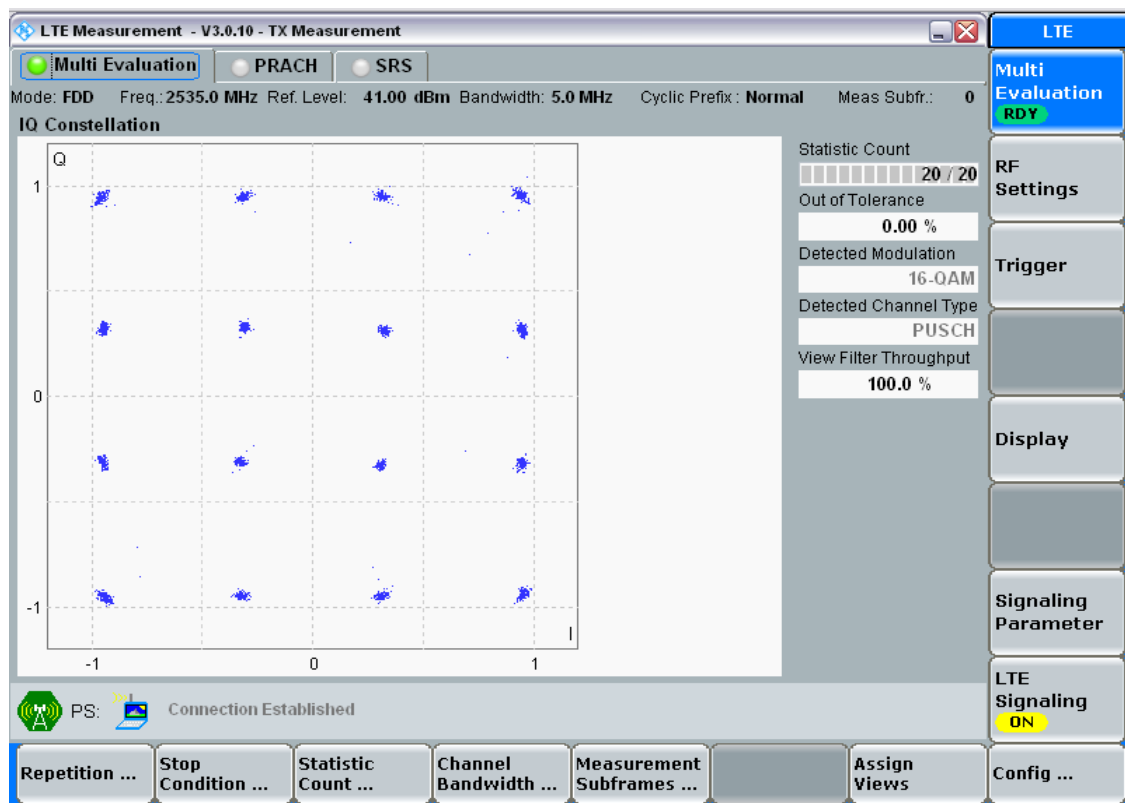


3.2.1.2 Test Mode = LTE/TM2

3.2.1.2.1 Test Bandwidth = 5

3.2.1.2.1.1 Test Channel = MCH

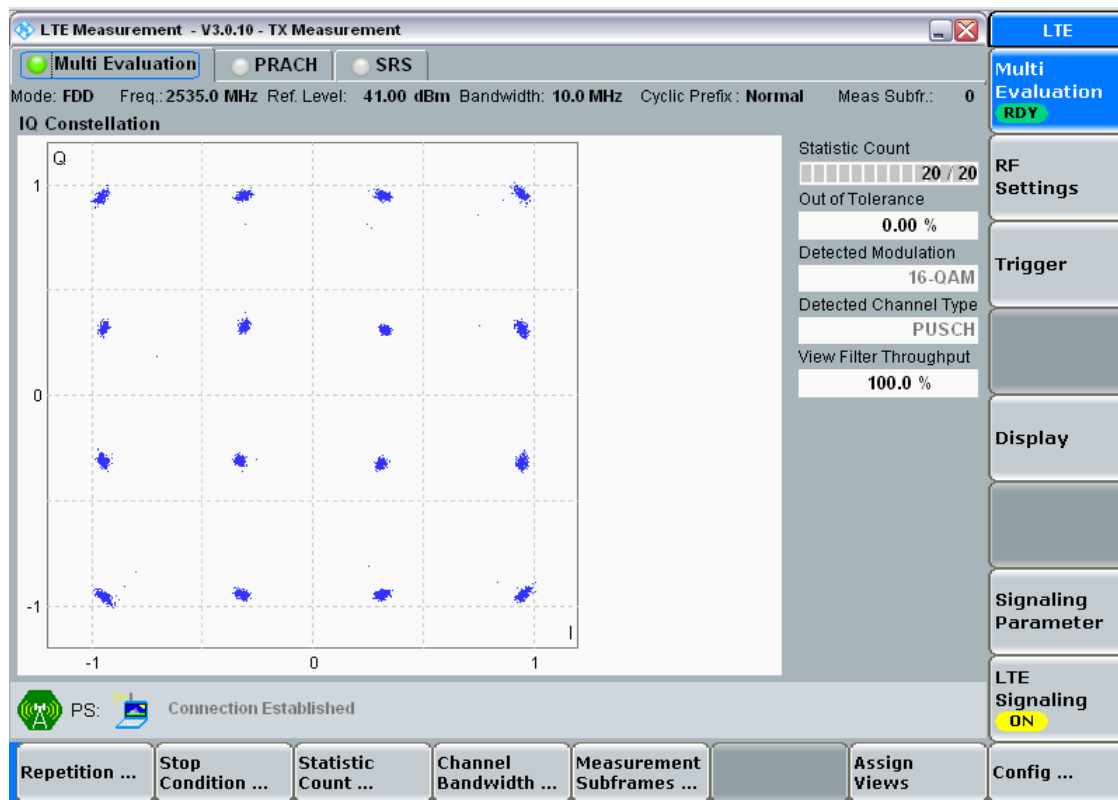
3.2.1.2.1.1.1 Test RB = RB25#0



3.2.1.2.2 Test Bandwidth = 10

3.2.1.2.2.1 Test Channel = MCH

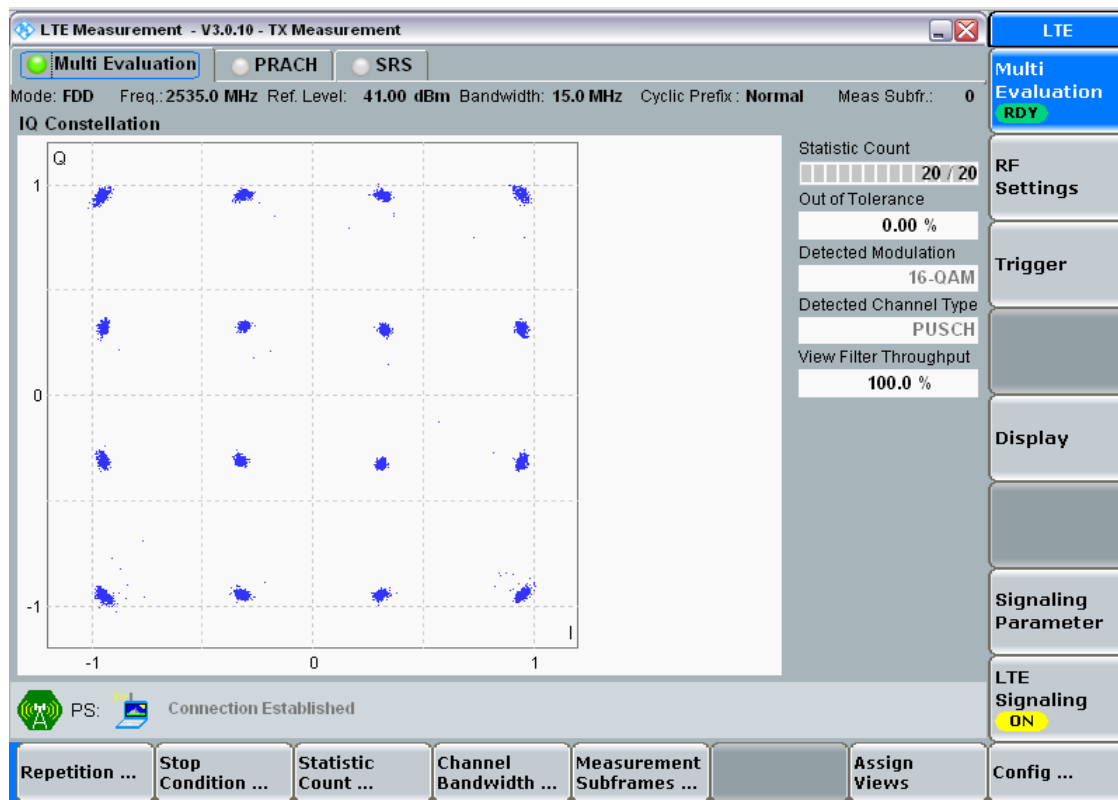
3.2.1.2.2.1.1 Test RB = RB50#0



3.2.1.2.3 Test Bandwidth = 15

3.2.1.2.3.1 Test Channel = MCH

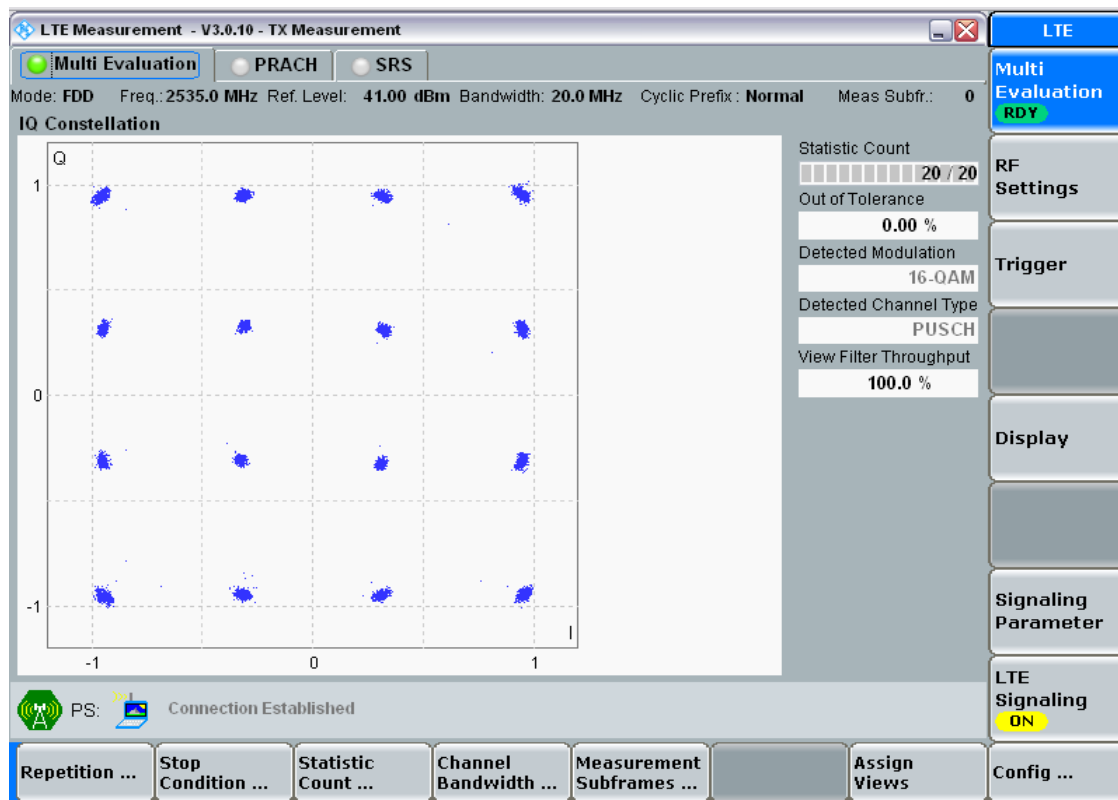
3.2.1.2.3.1.1 Test RB = RB75#0



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	247.85	313.28	Pass
		MCH	243.77	320.88	Pass
		HCH	241.36	319.40	Pass
	GSM/TM2	LCH	237.99	294.22	Pass
		MCH	243.36	317.19	Pass
		HCH	245.52	305.26	Pass
GSM1900	GSM/TM1	LCH	241.06	315.99	Pass
		MCH	243.83	317.17	Pass
		HCH	246.45	313.61	Pass
	GSM/TM2	LCH	245.72	305.62	Pass
		MCH	250.26	317.53	Pass
		HCH	239.53	301.52	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	4.90	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.98	9.59	Pass
			MCH	RB50#0	8.98	9.57	Pass
			HCH	RB50#0	8.98	9.57	Pass
		15	LCH	RB75#0	13.46	14.25	Pass
			MCH	RB75#0	13.45	14.24	Pass
			HCH	RB75#0	13.46	14.24	Pass
		20	LCH	RB100#0	17.94	19.00	Pass
			MCH	RB100#0	17.90	18.94	Pass
			HCH	RB100#0	17.93	18.99	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	8.97	9.56	Pass
			MCH	RB50#0	8.96	9.53	Pass
			HCH	RB50#0	8.97	9.55	Pass
		15	LCH	RB75#0	13.46	14.28	Pass
			MCH	RB75#0	13.44	14.30	Pass
			HCH	RB75#0	13.46	14.28	Pass
		20	LCH	RB100#0	17.92	19.00	Pass
			MCH	RB100#0	17.89	18.96	Pass
			HCH	RB100#0	17.92	18.97	Pass

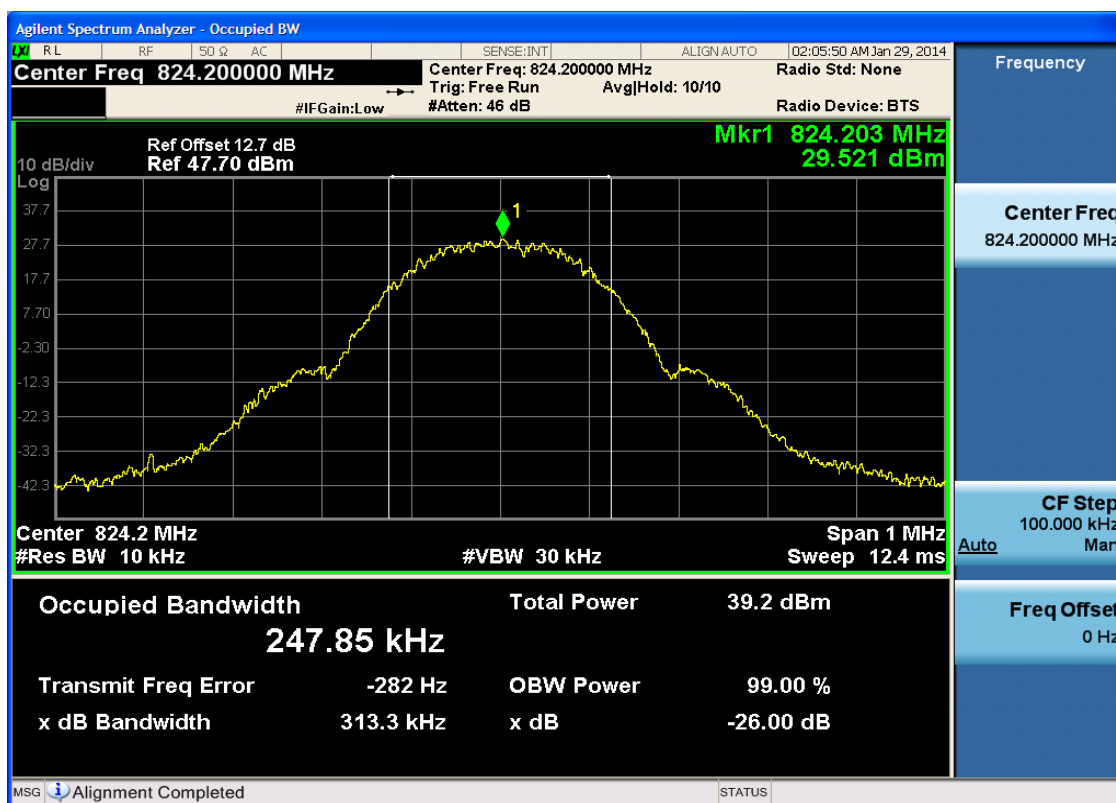
Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

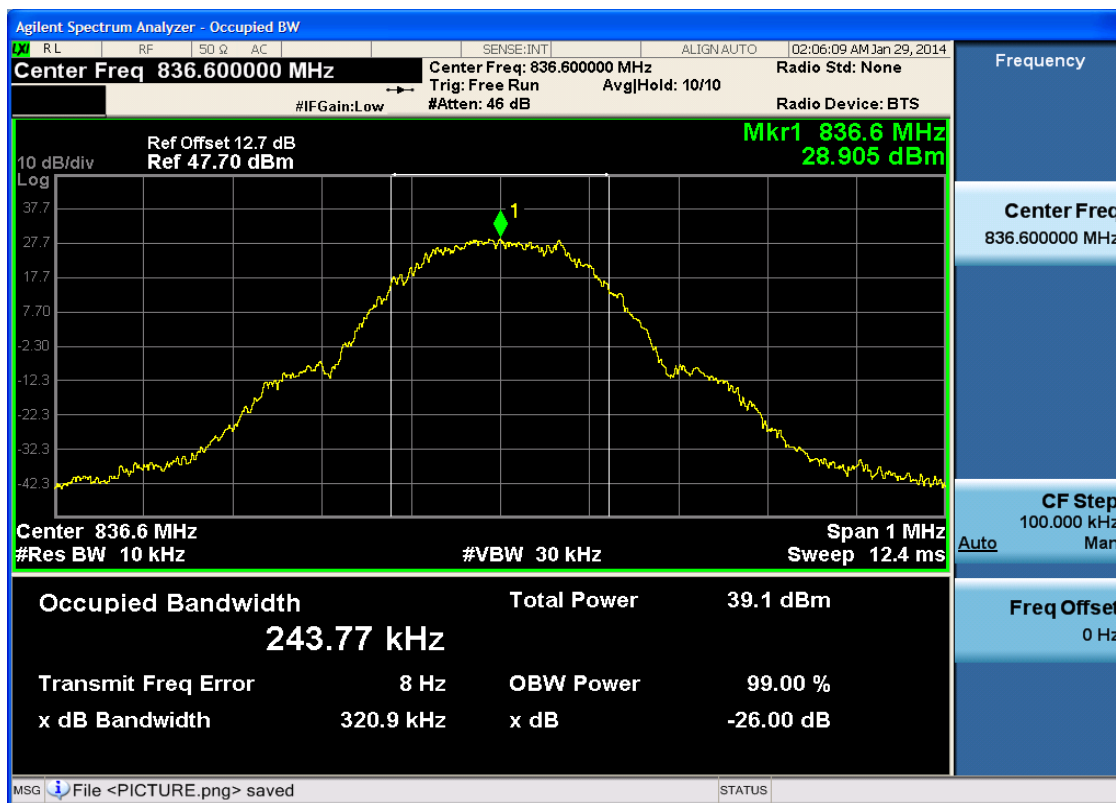
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH





4.1.1.1.2 Test Channel = MCH





Agilent Spectrum Analyzer - Occupied BW

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:06:29 AM Jan 29, 2014

Center Freq 848.800000 MHz Center Freq: 848.800000 MHz Radio Std: None
 Trig: Free Run AvgJHold: 10/10
 #IFGain: Low #Atten: 46 dB Radio Device: BTS

10 dB/div Ref Offset 12.7 dB Mkr1 848.771 MHz
 Log Ref 47.70 dBm 28.946 dBm

Center 848.8 MHz Span 1 MHz
 #Res BW 10 kHz #VBW 30 kHz Sweep 12.4 ms

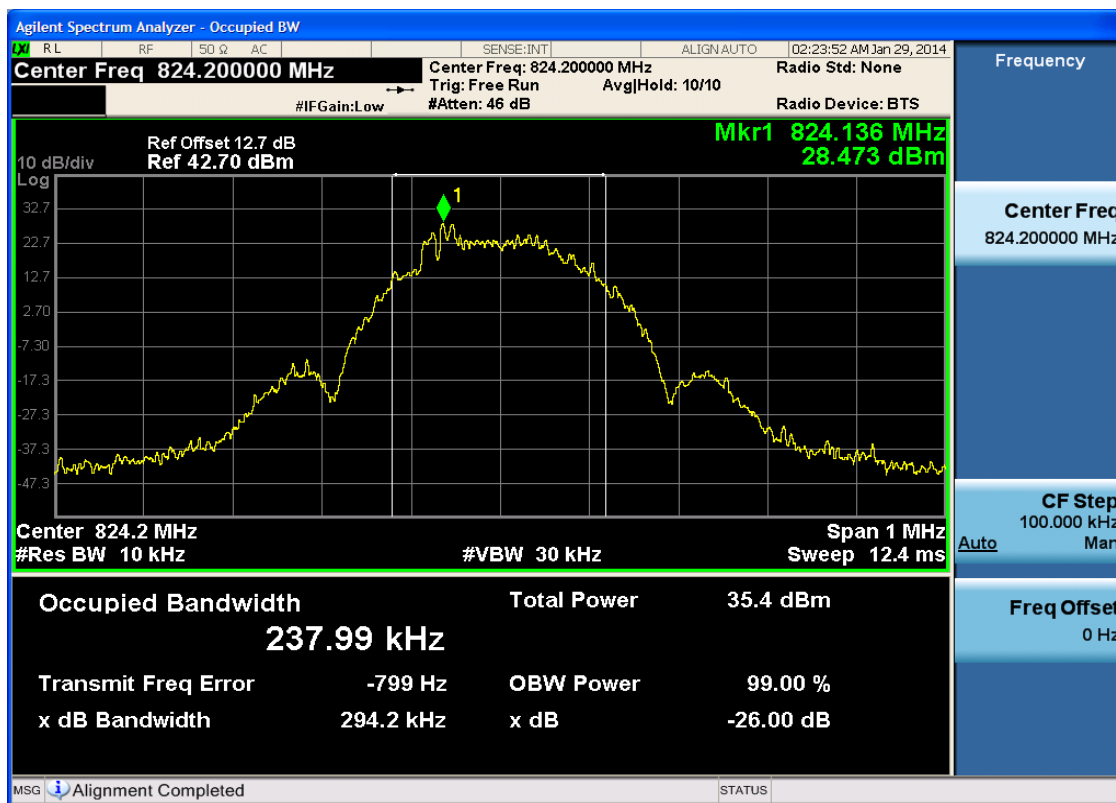
Occupied Bandwidth		Total Power	
241.36 kHz		39.1 dBm	
Transmit Freq Error	661 Hz	OBW Power	99.00 %
x dB Bandwidth	319.4 kHz	x dB	-26.00 dB

MSG File <PICTURE.png> saved STATUS

Frequency
 Center Freq
 848.800000 MHz
 CF Step
 100.000 kHz
 Auto Man
 Freq Offset
 0 Hz

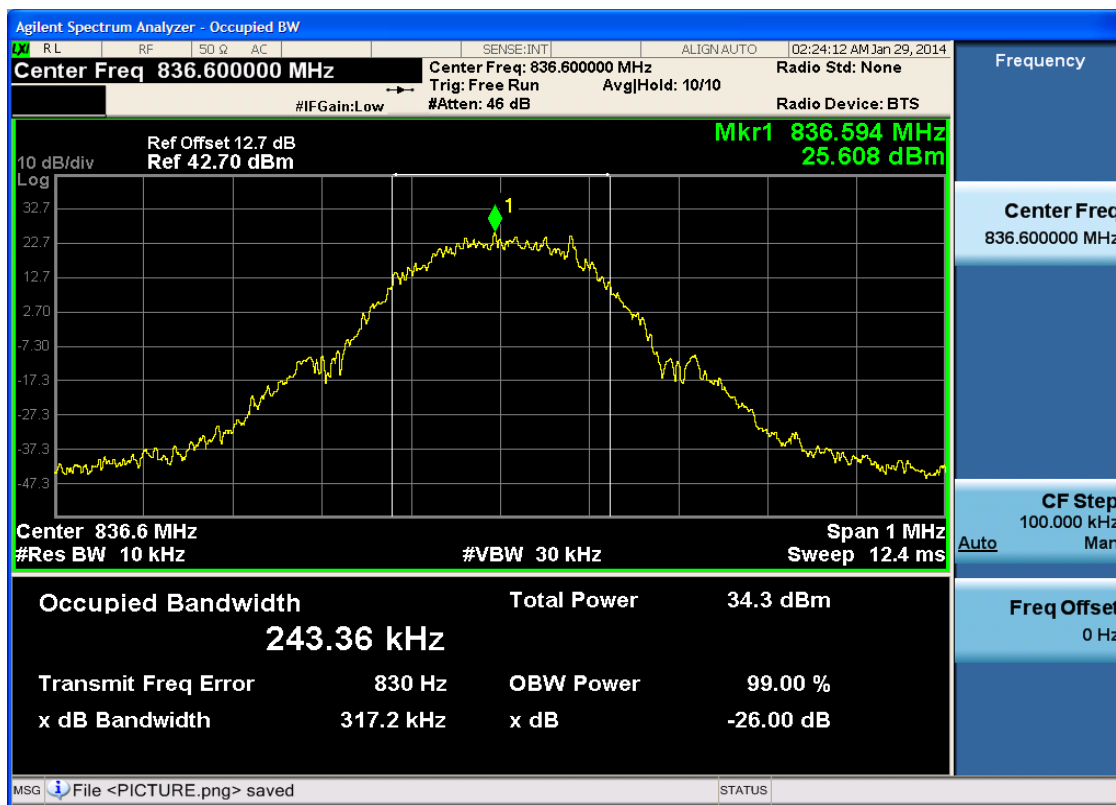
4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



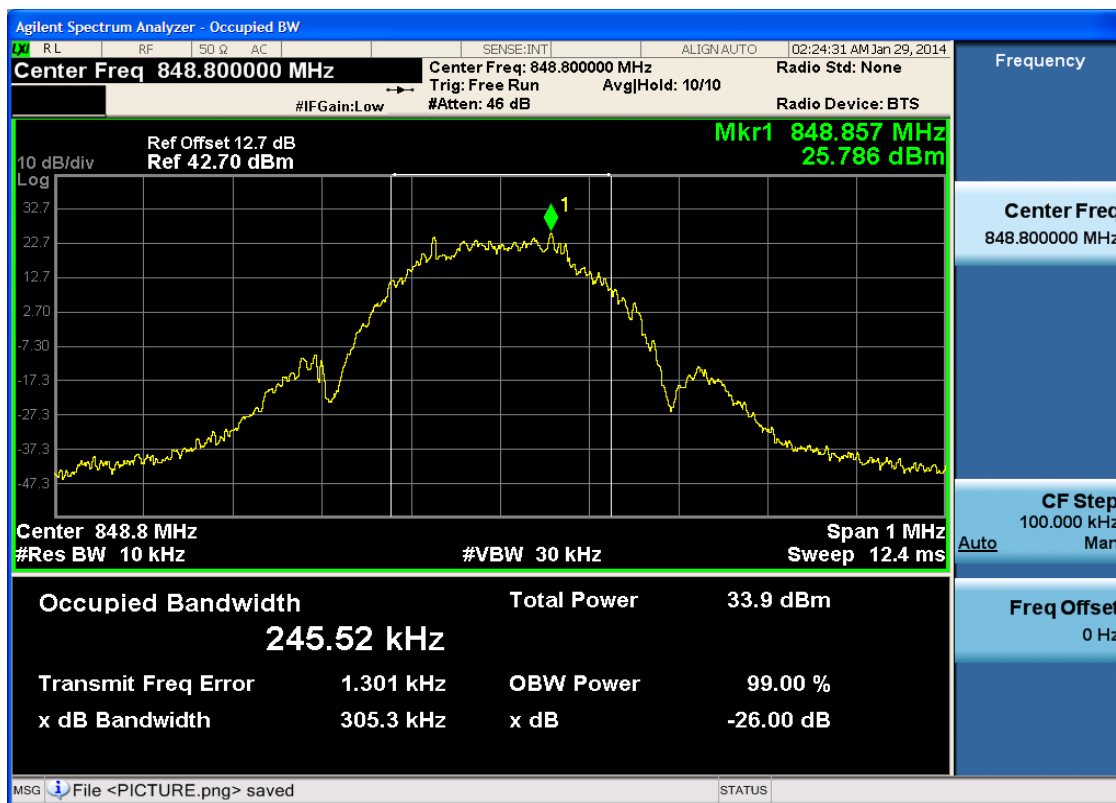


4.1.1.2.2 Test Channel = MCH





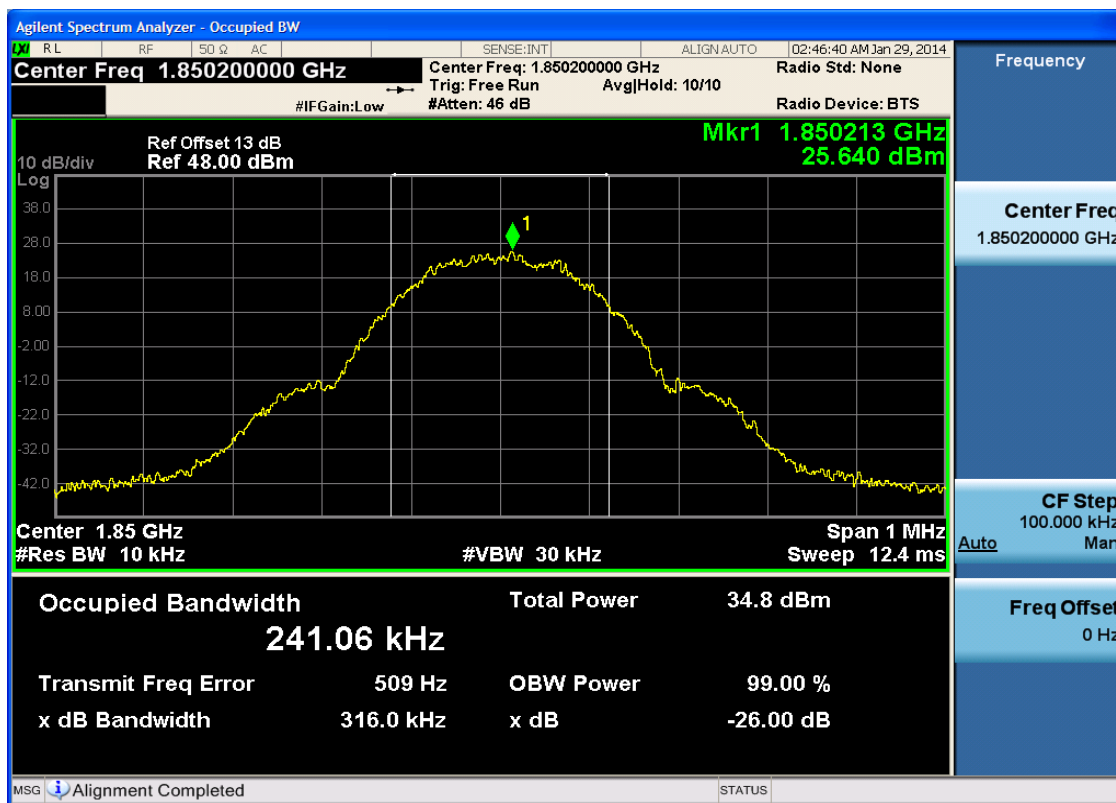
4.1.1.2.3 Test Channel = HCH



4.1.2 Test Band = GSM1900

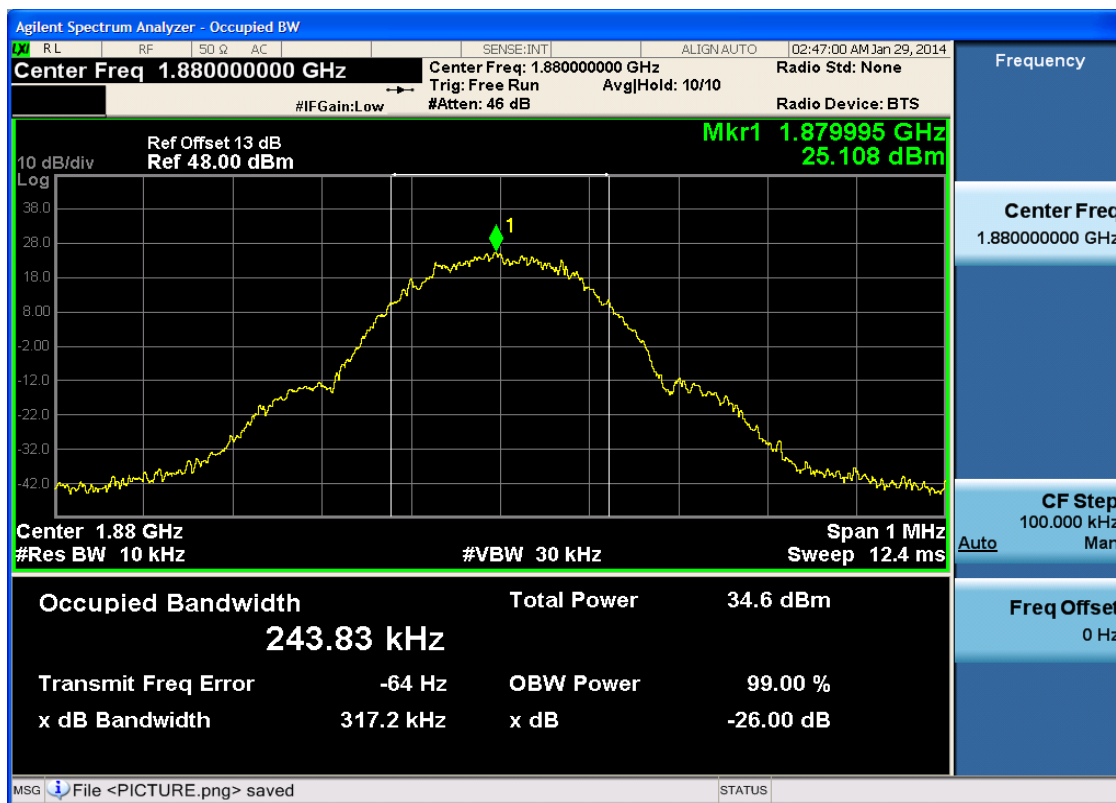
4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



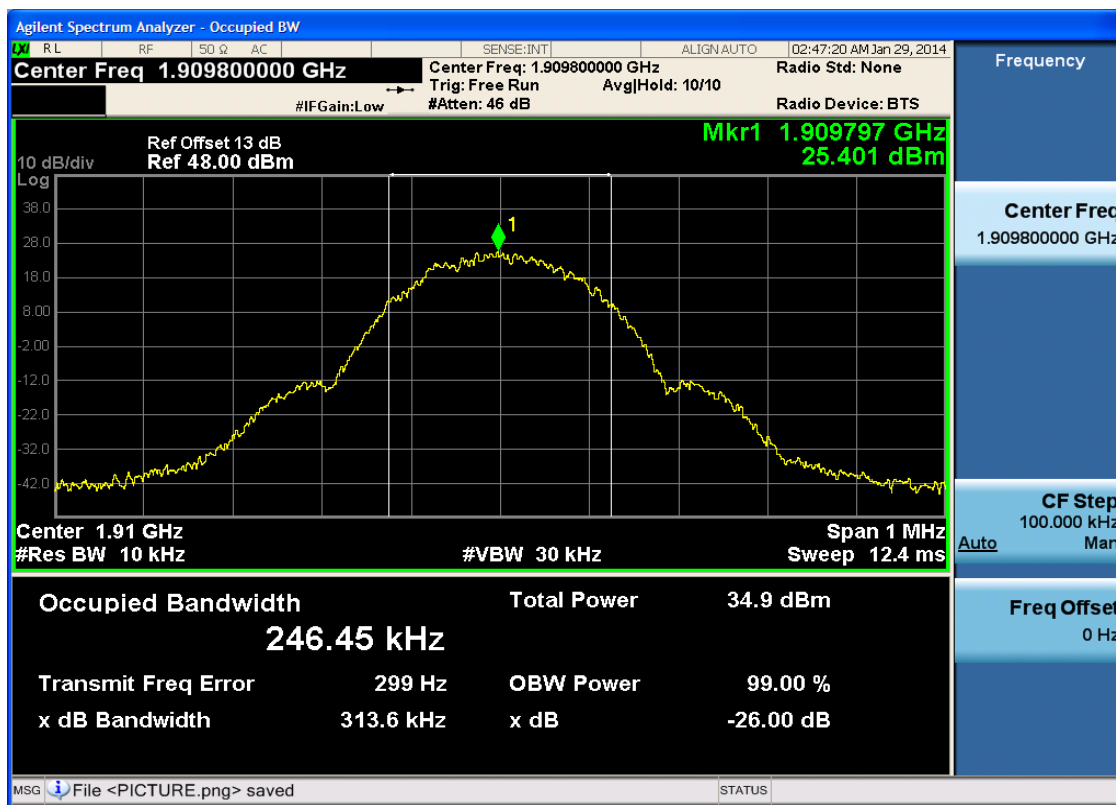


4.1.2.1.2 Test Channel = MCH





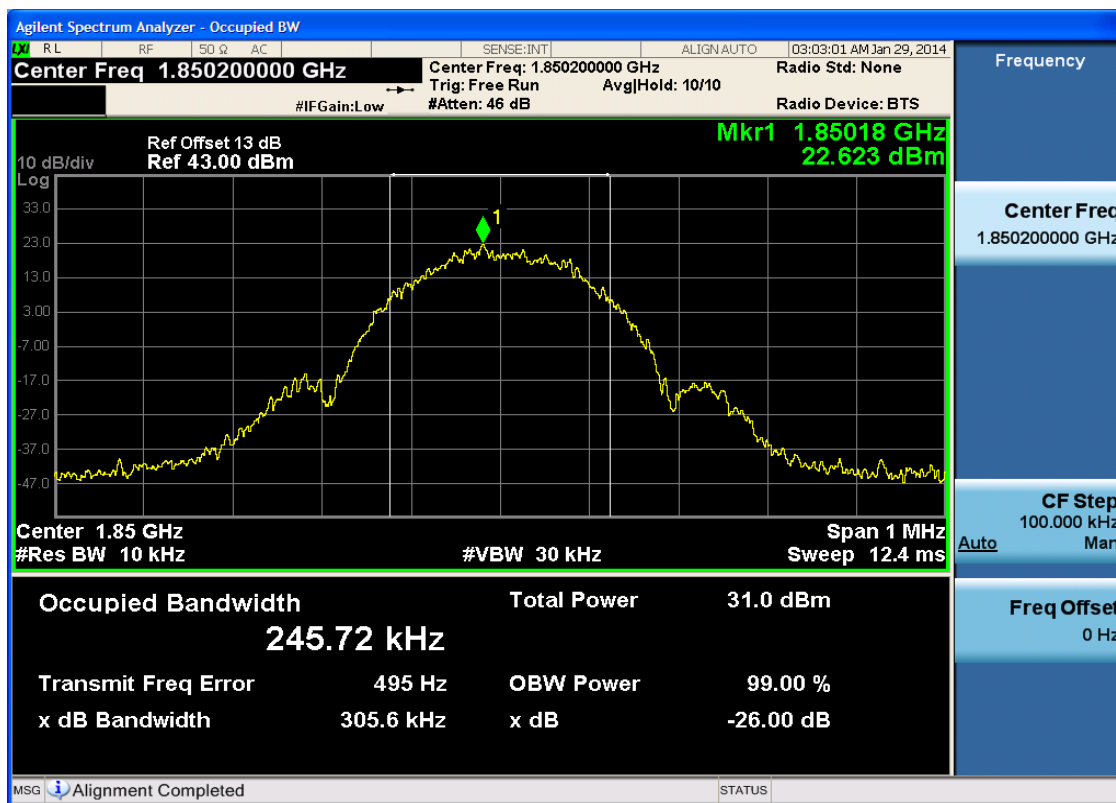
4.1.2.1.3 Test Channel = HCH





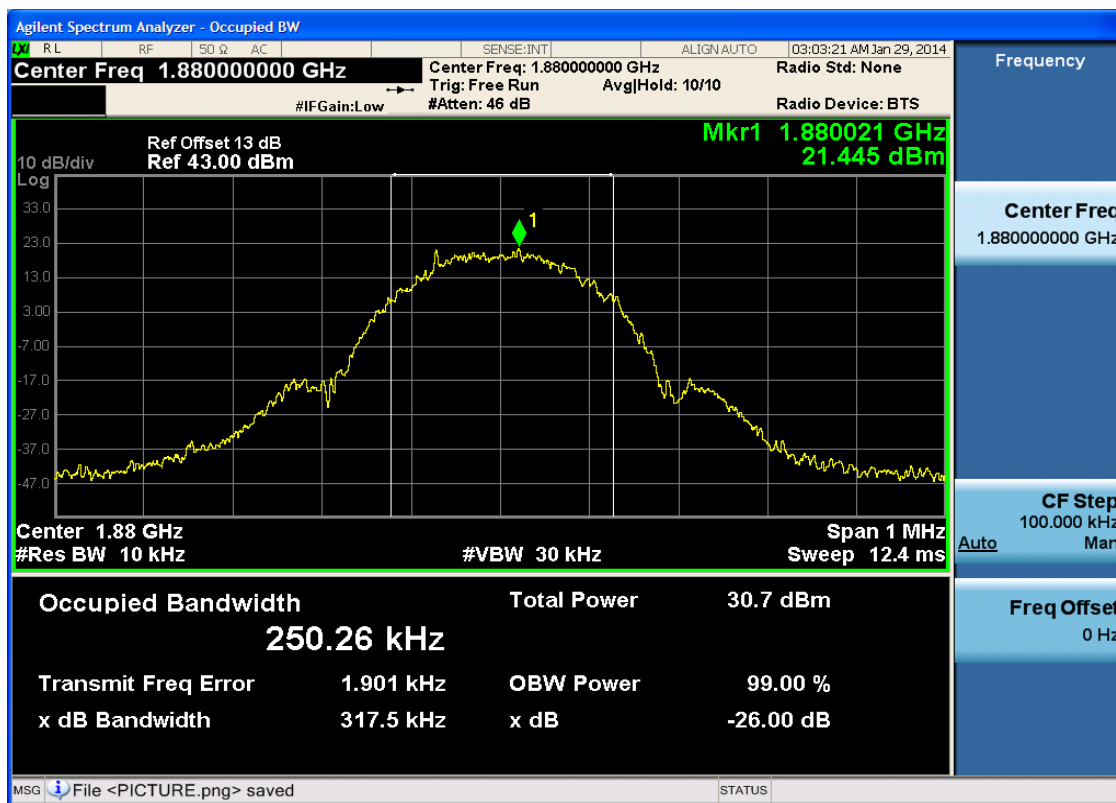
4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH

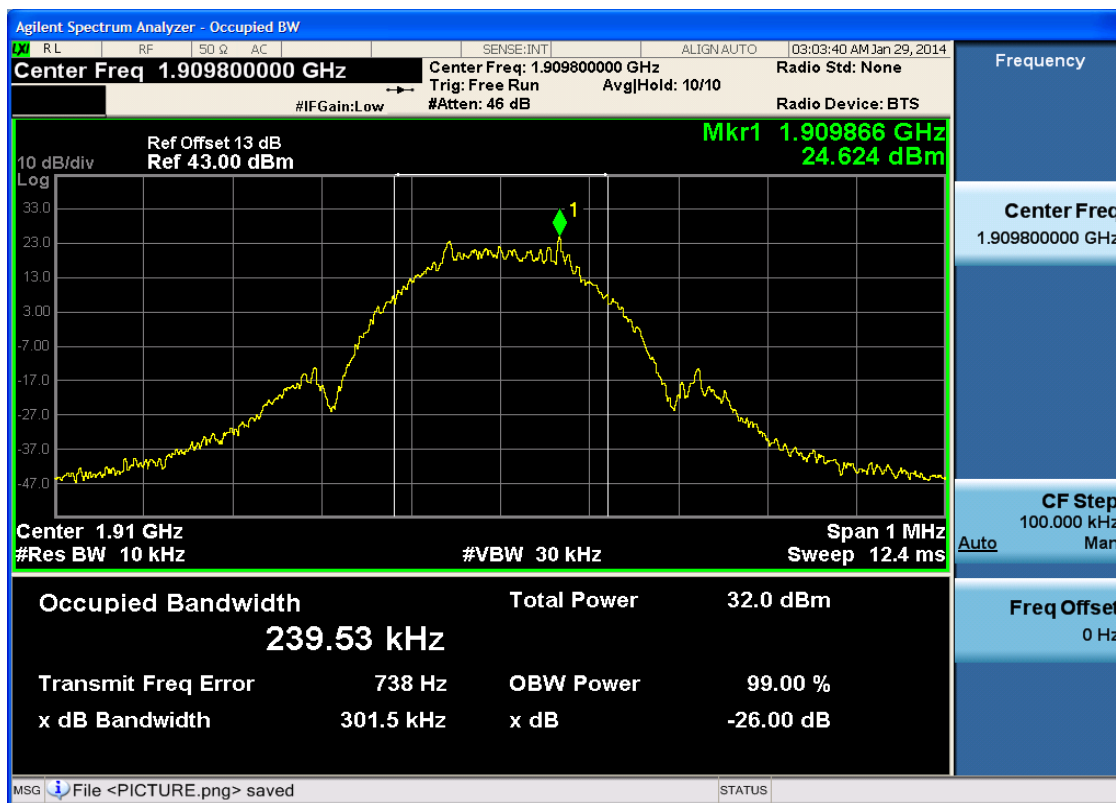




4.1.2.2.2 Test Channel = MCH



4.1.2.2.3 Test Channel = HCH





4.2 For LTE

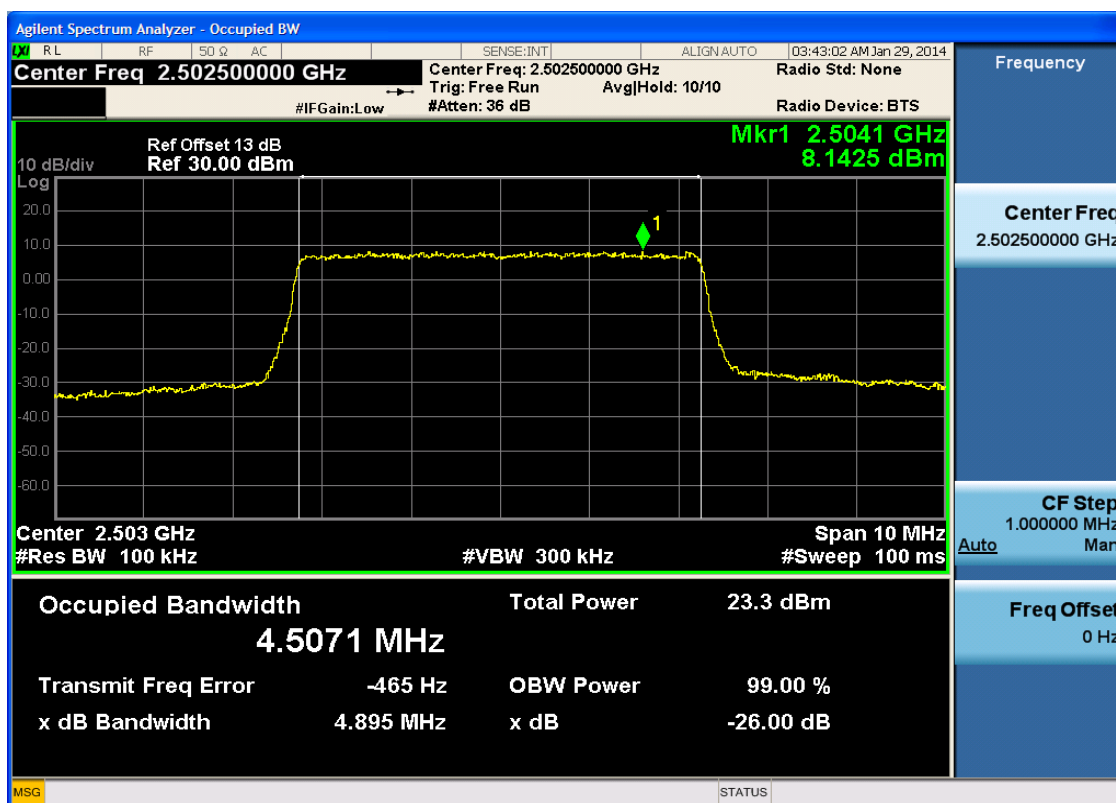
4.2.1 Test Band = BAND7

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

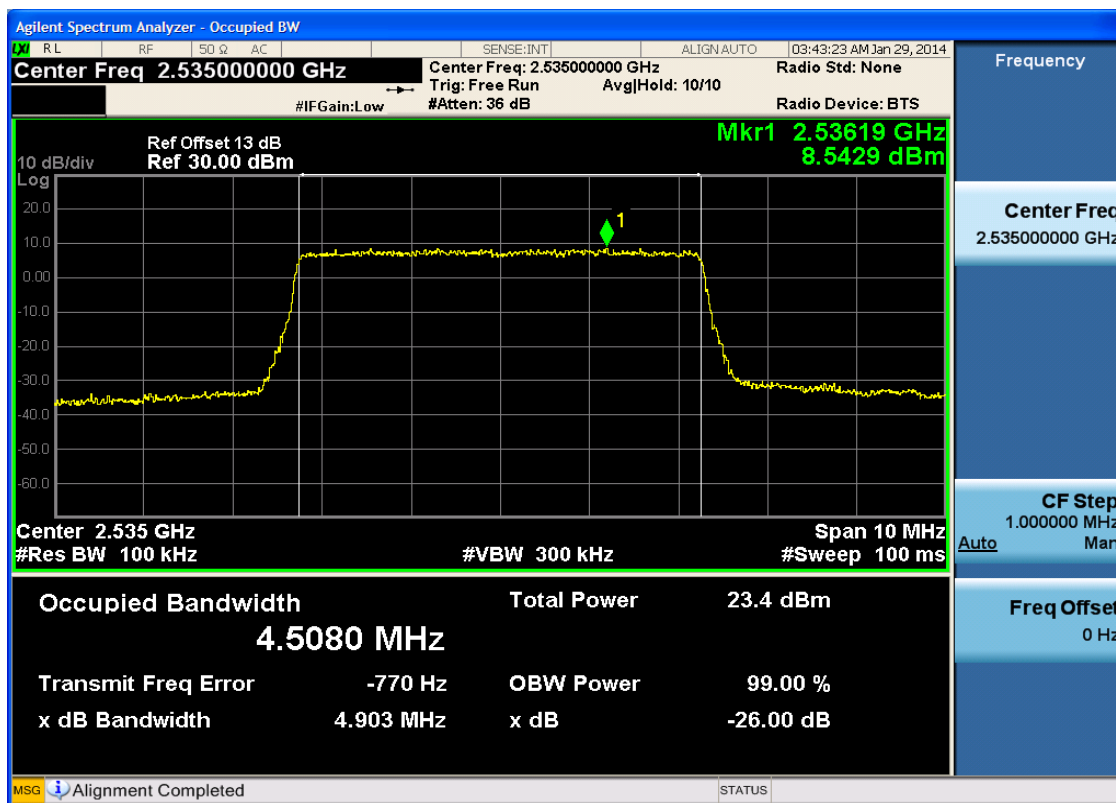
4.2.1.1.1.1.1 Test RB = RB25#0





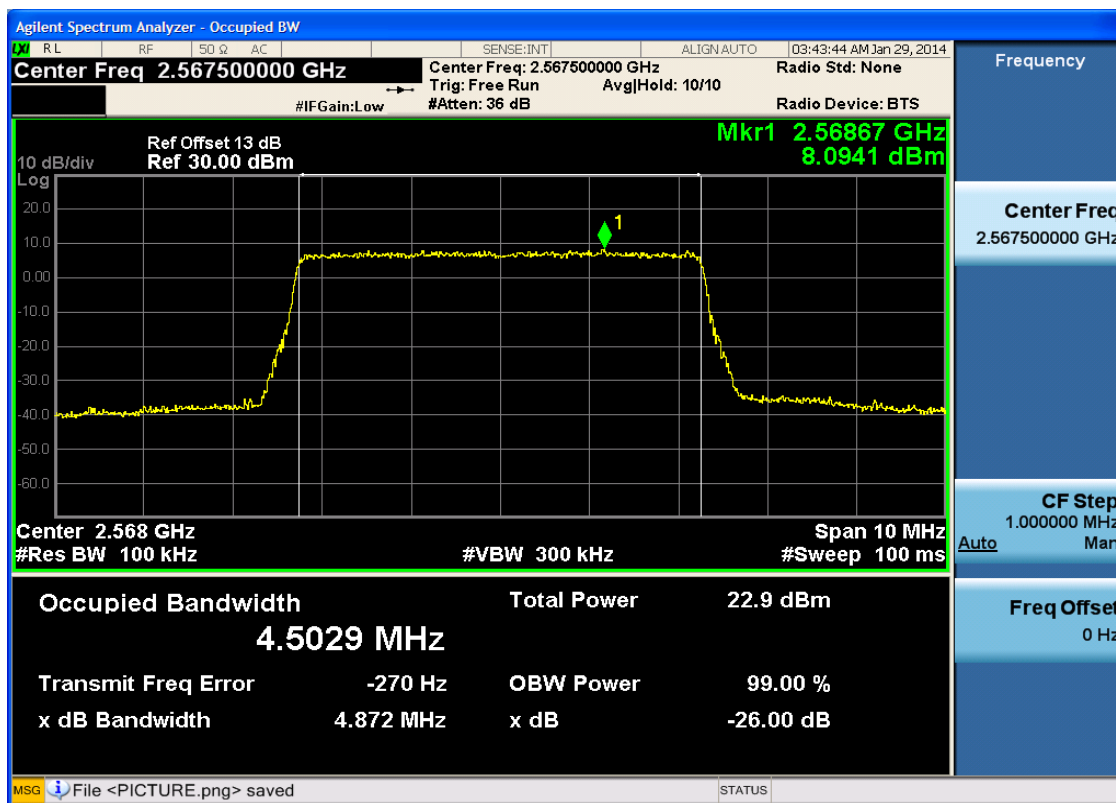
4.2.1.1.1.2 Test Channel = MCH

4.2.1.1.1.2.1 Test RB = RB25#0



4.2.1.1.1.3 Test Channel = HCH

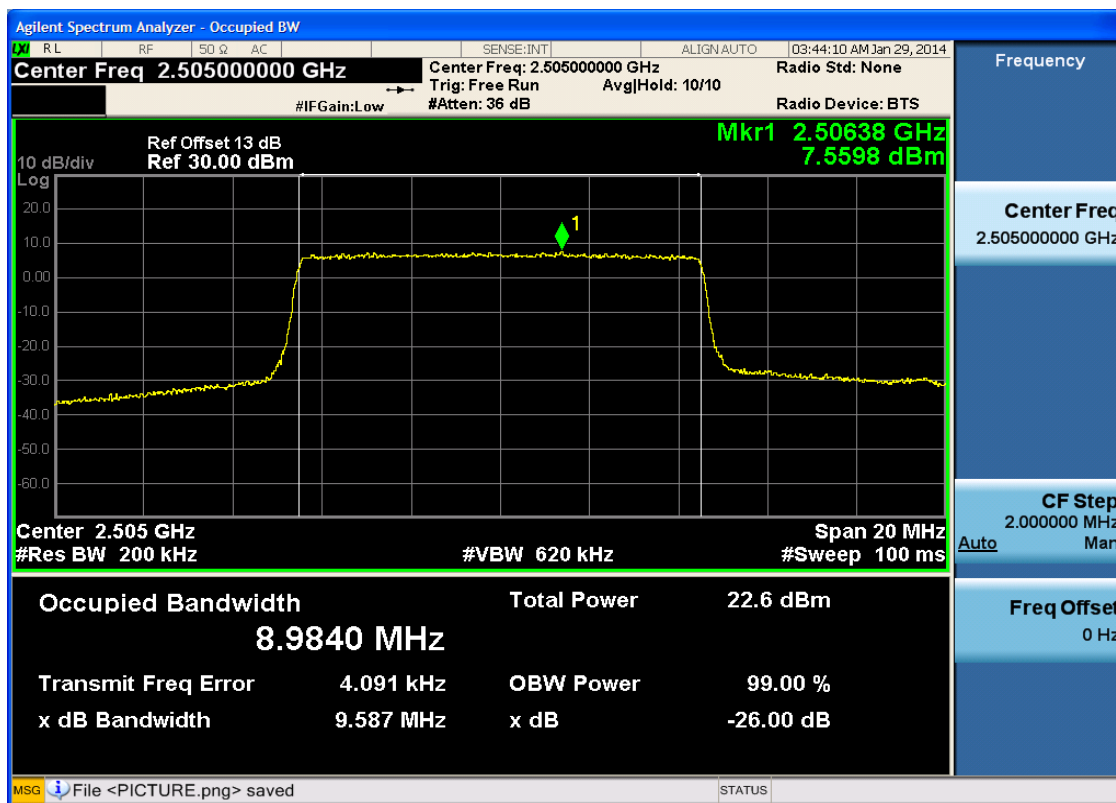
4.2.1.1.1.3.1 Test RB = RB25#0



4.2.1.1.2 Test Bandwidth = 10

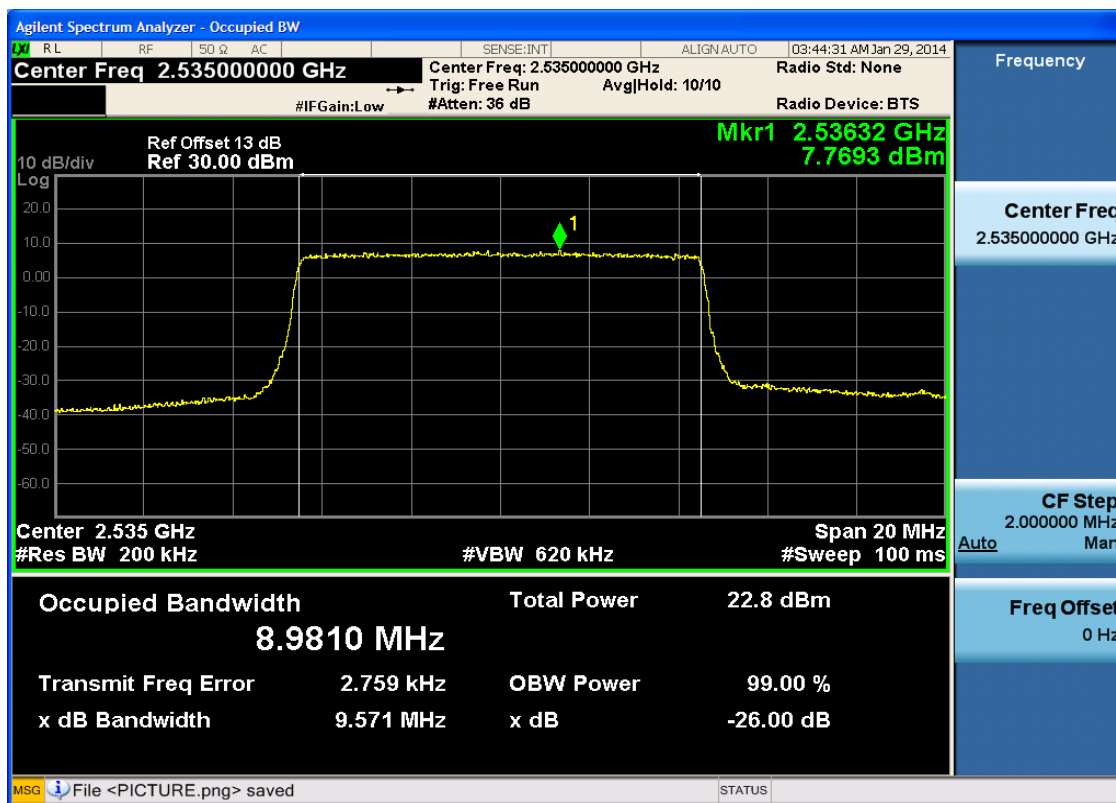
4.2.1.1.2.1 Test Channel = LCH

4.2.1.1.2.1.1 Test RB = RB50#0



4.2.1.1.2.2 Test Channel = MCH

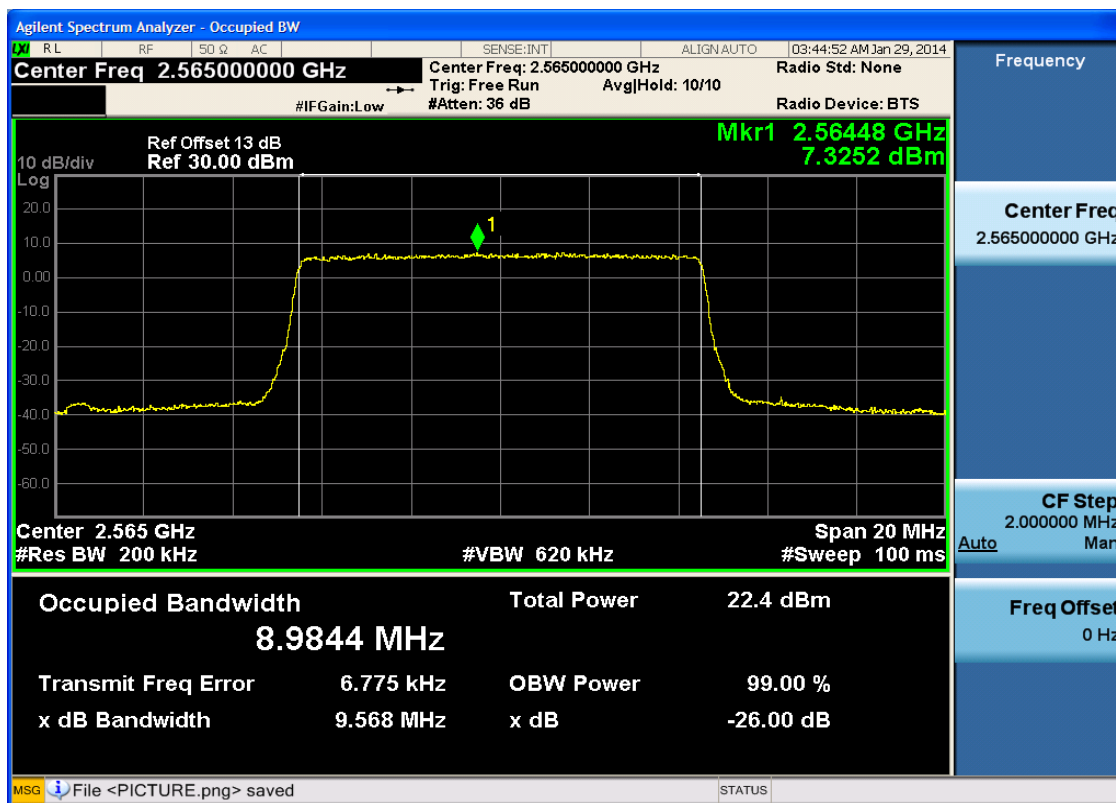
4.2.1.1.2.2.1 Test RB = RB50#0





4.2.1.1.2.3 Test Channel = HCH

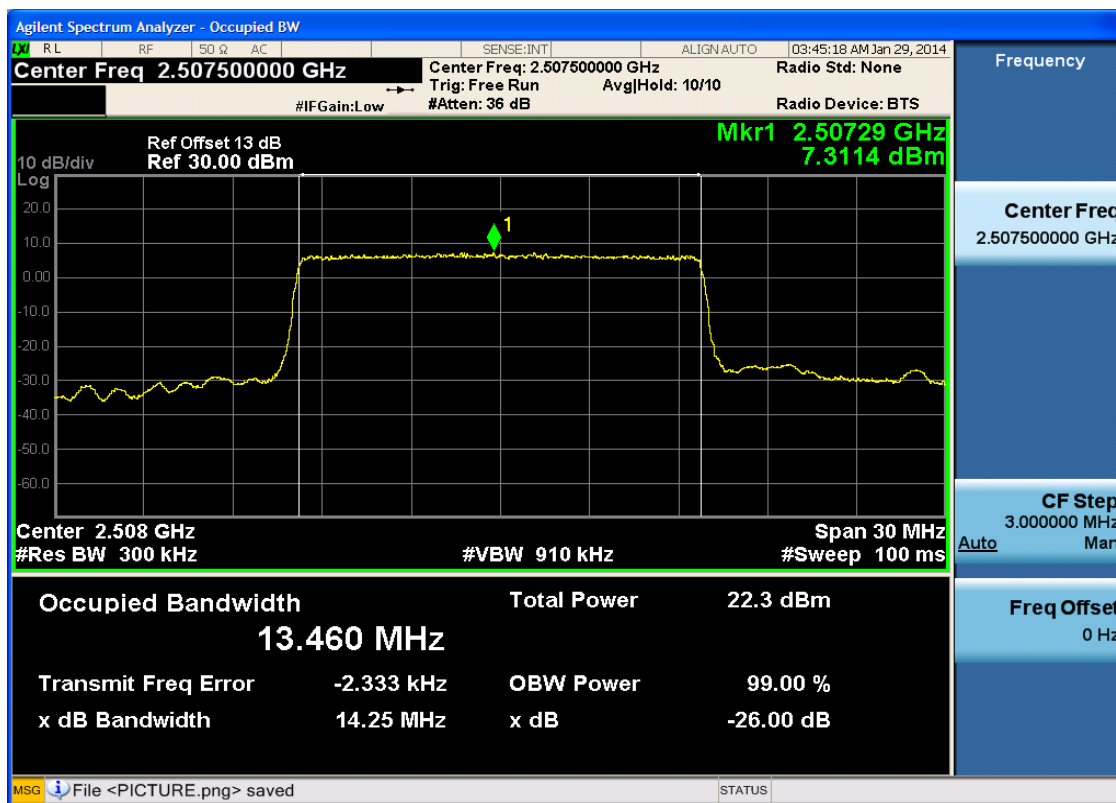
4.2.1.1.2.3.1 Test RB = RB50#0



4.2.1.1.3 Test Bandwidth = 15

4.2.1.1.3.1 Test Channel = LCH

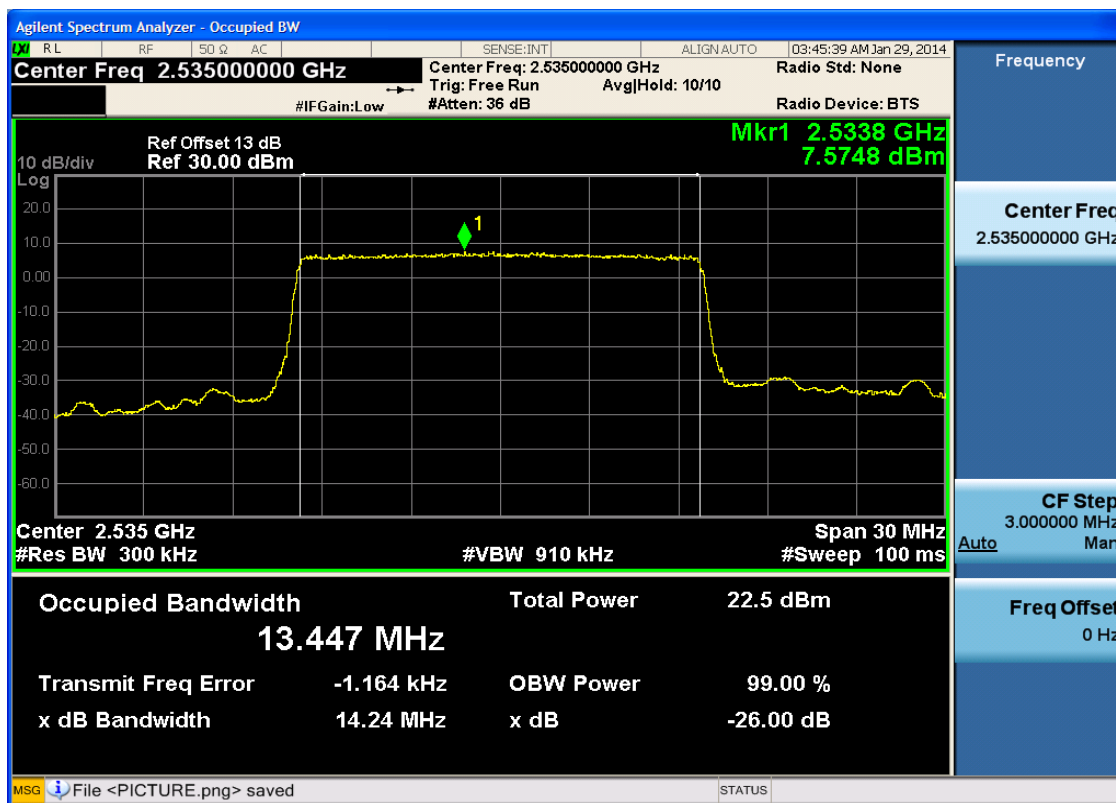
4.2.1.1.3.1.1 Test RB = RB75#0





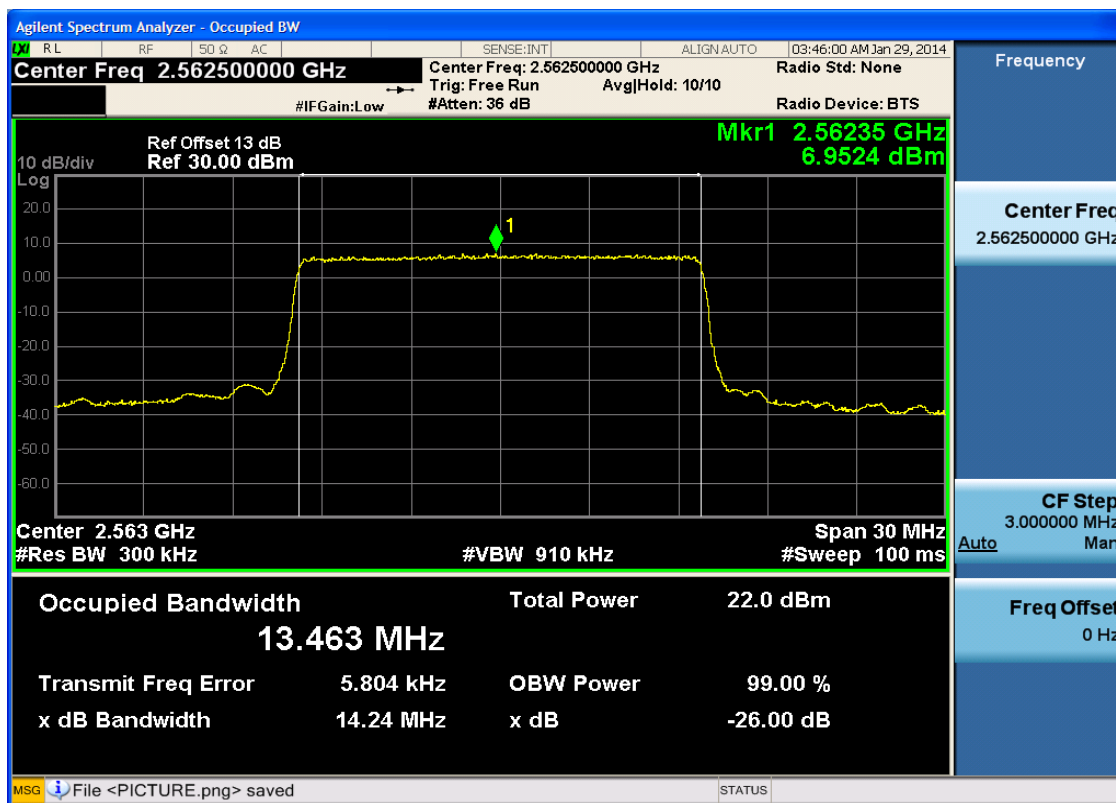
4.2.1.1.3.2 Test Channel = MCH

4.2.1.1.3.2.1 Test RB = RB75#0



4.2.1.1.3.3 Test Channel = HCH

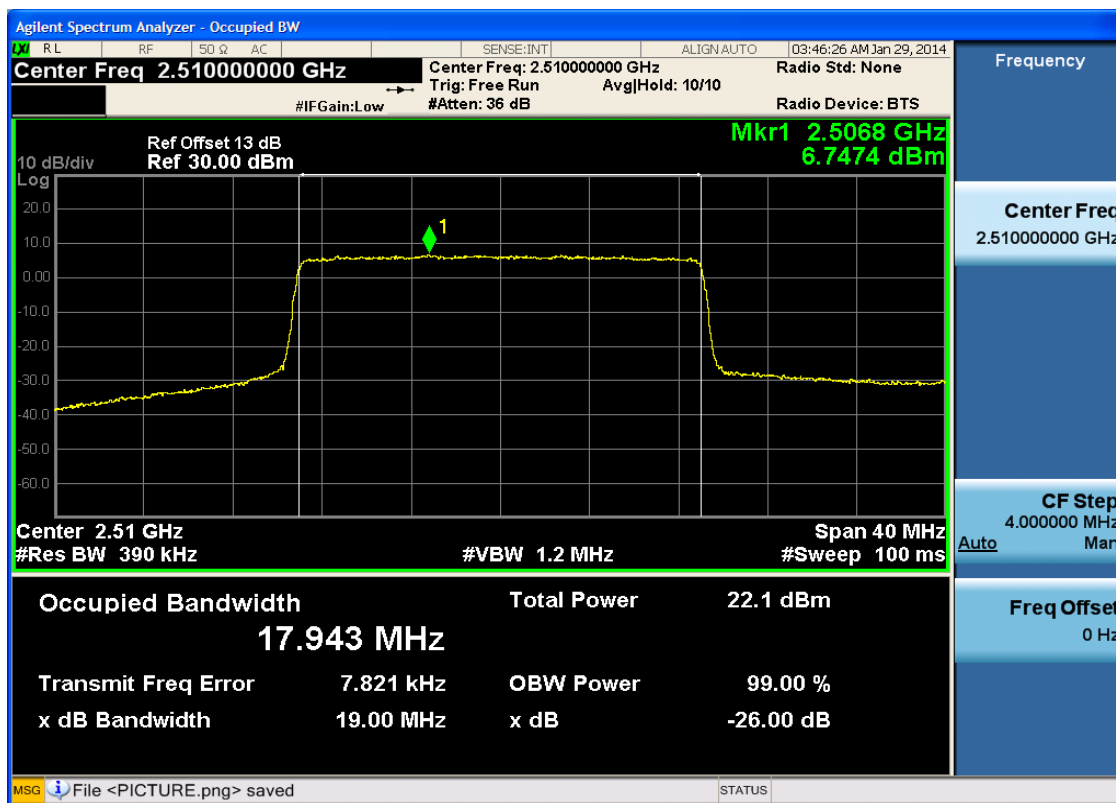
4.2.1.1.3.3.1 Test RB = RB75#0



4.2.1.1.4 Test Bandwidth = 20

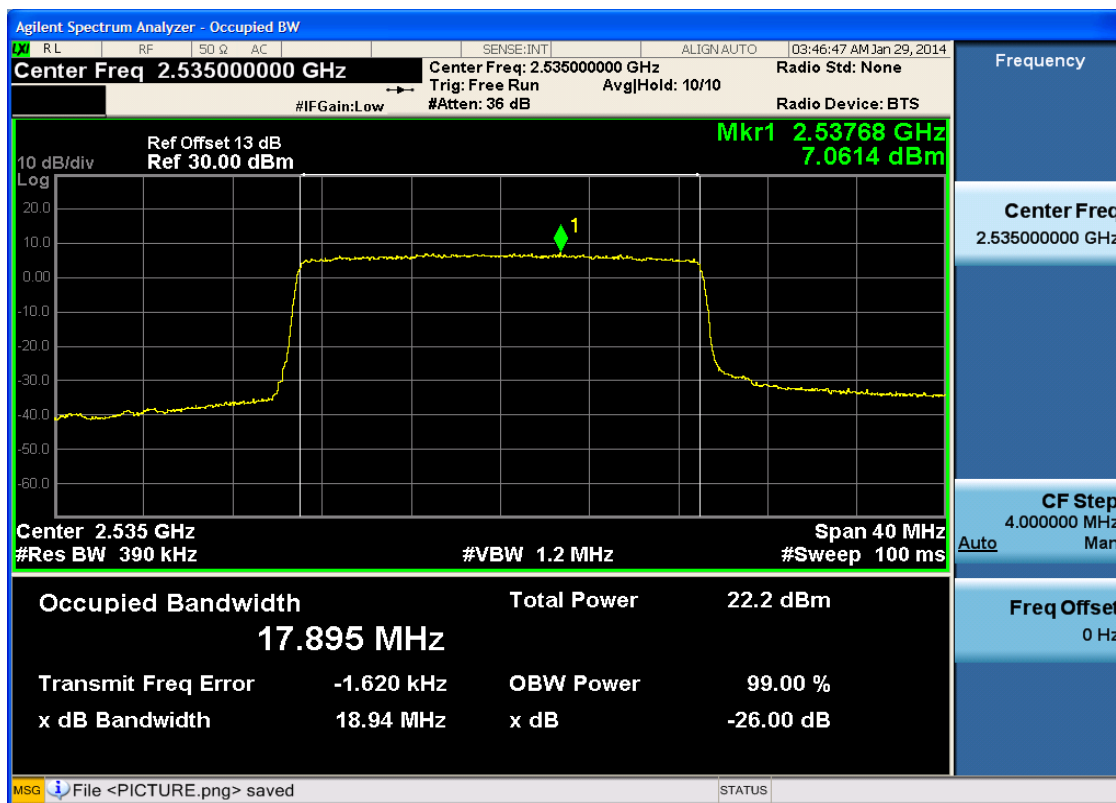
4.2.1.1.4.1 Test Channel = LCH

4.2.1.1.4.1.1 Test RB = RB100#0



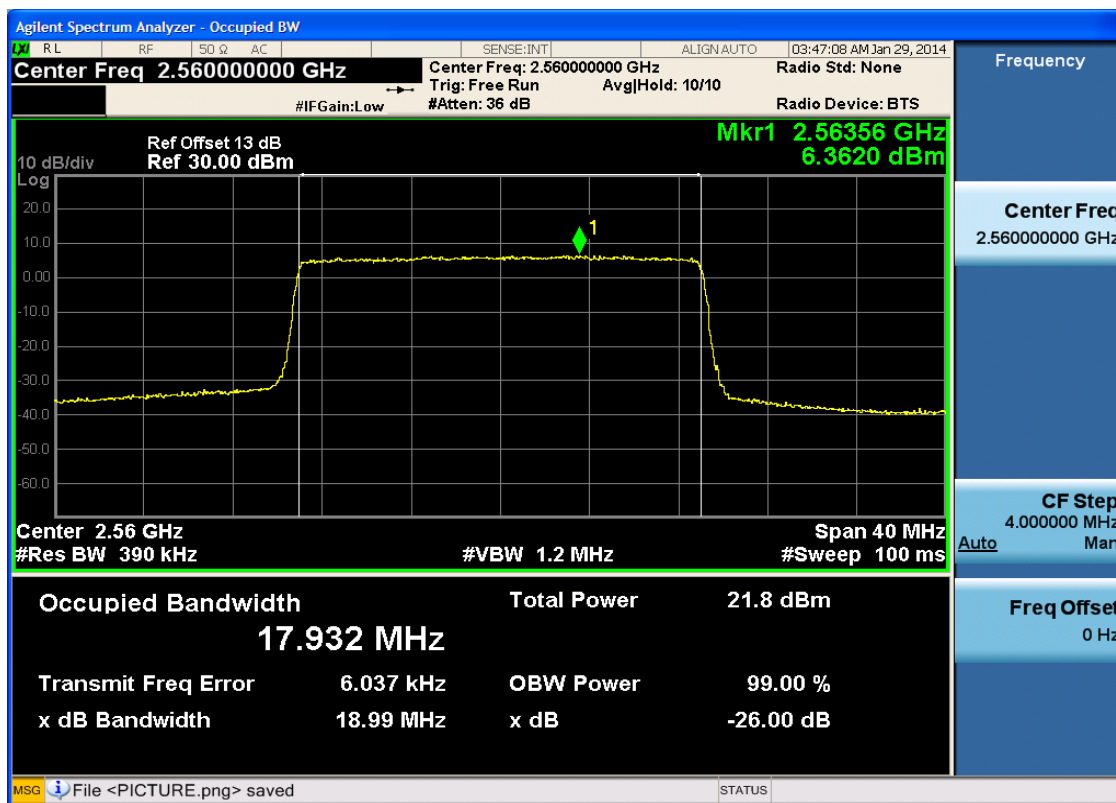
4.2.1.1.4.2 Test Channel = MCH

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

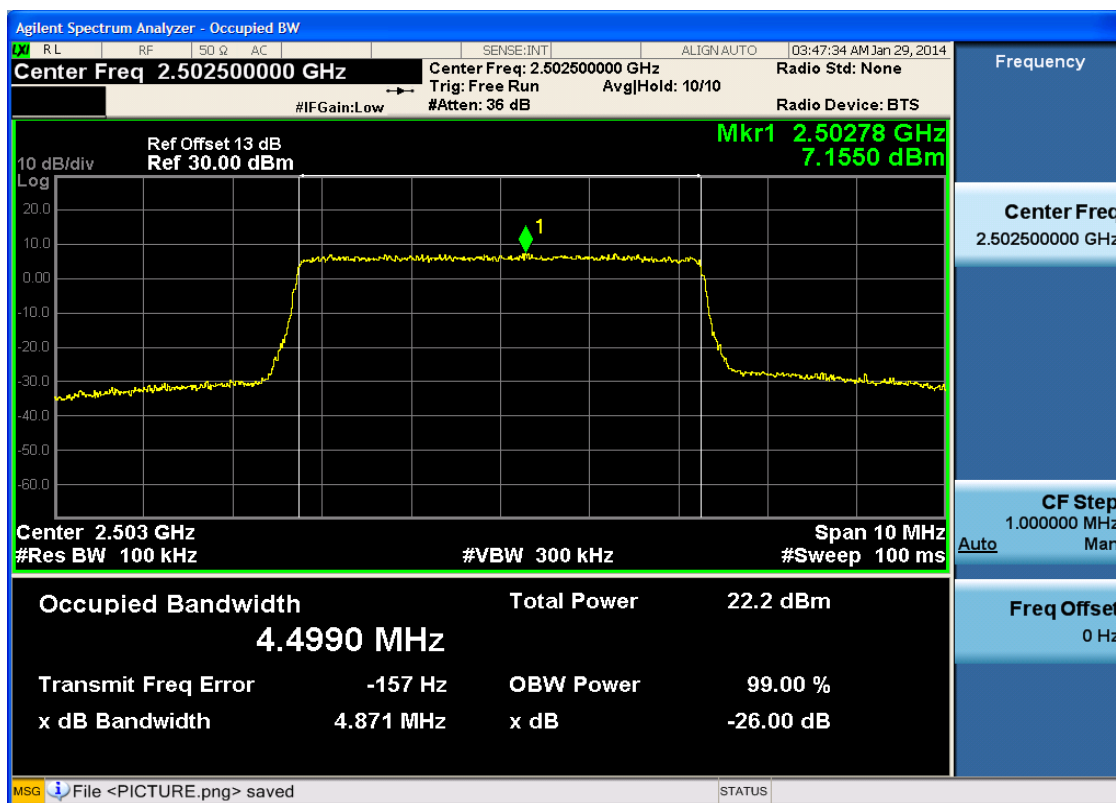


4.2.1.2 Test Mode = LTE/TM2

4.2.1.2.1 Test Bandwidth = 5

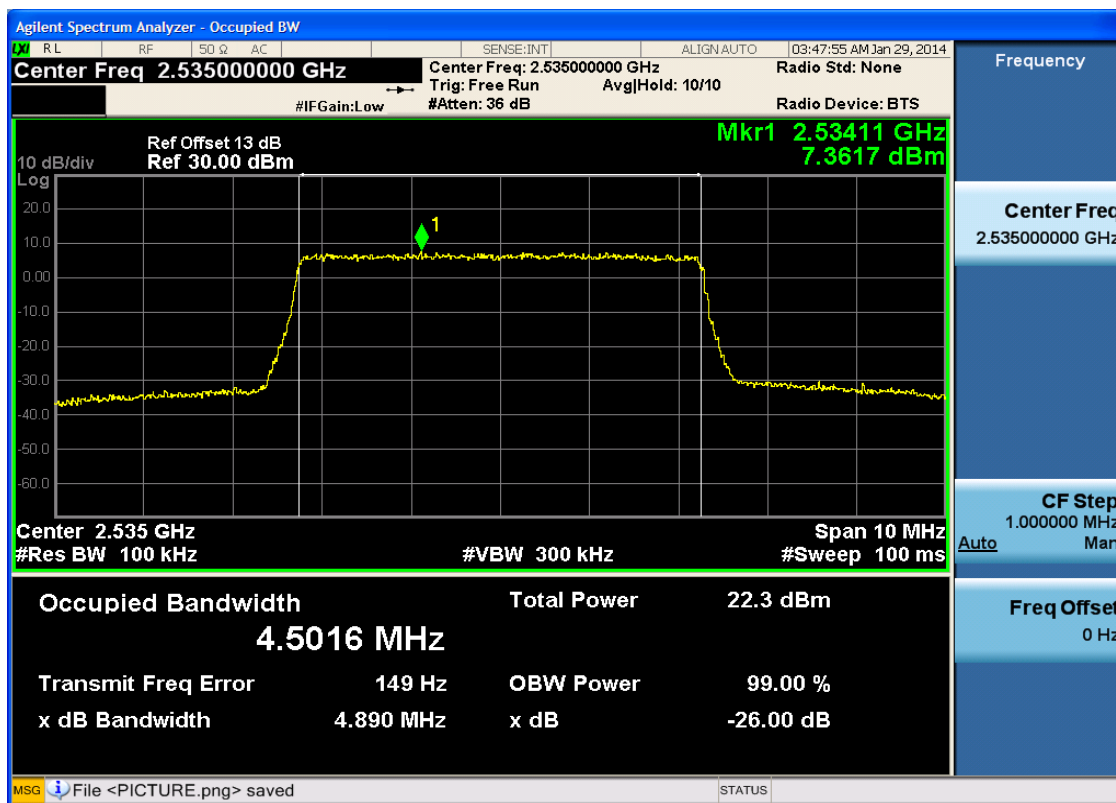
4.2.1.2.1.1 Test Channel = LCH

4.2.1.2.1.1.1 Test RB = RB25#0



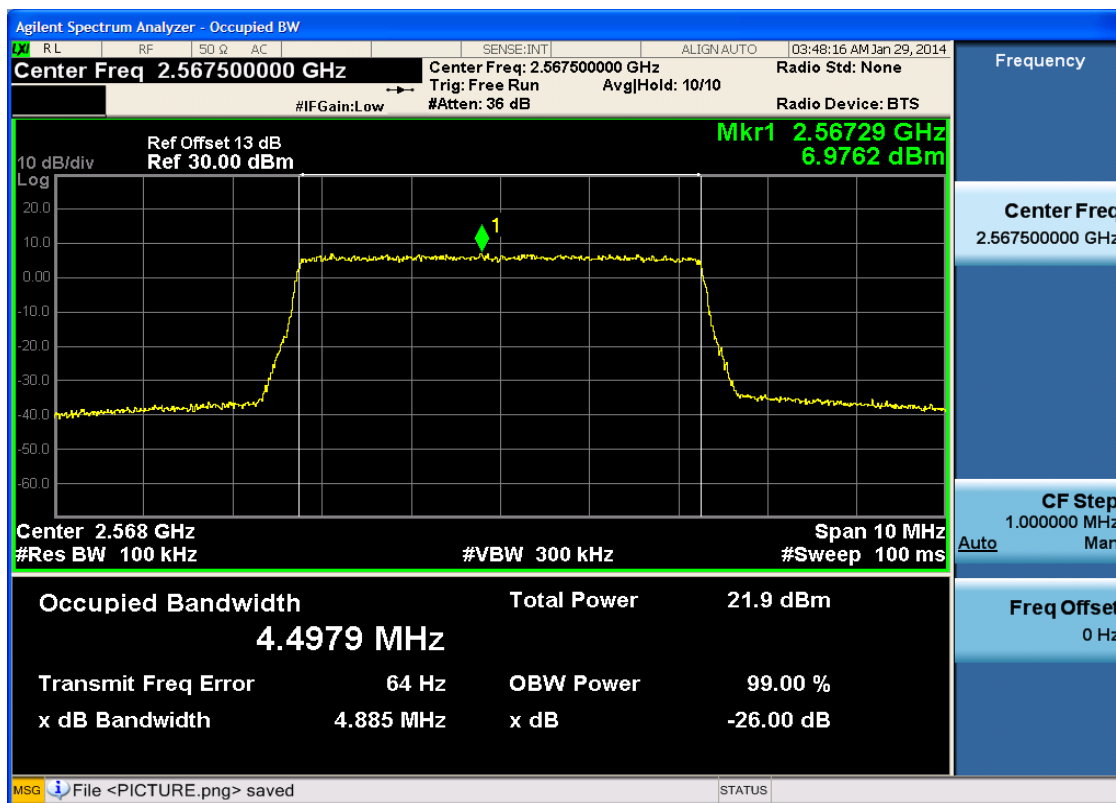
4.2.1.2.1.2 Test Channel = MCH

4.2.1.2.1.2.1 Test RB = RB25#0



4.2.1.2.1.3 Test Channel = HCH

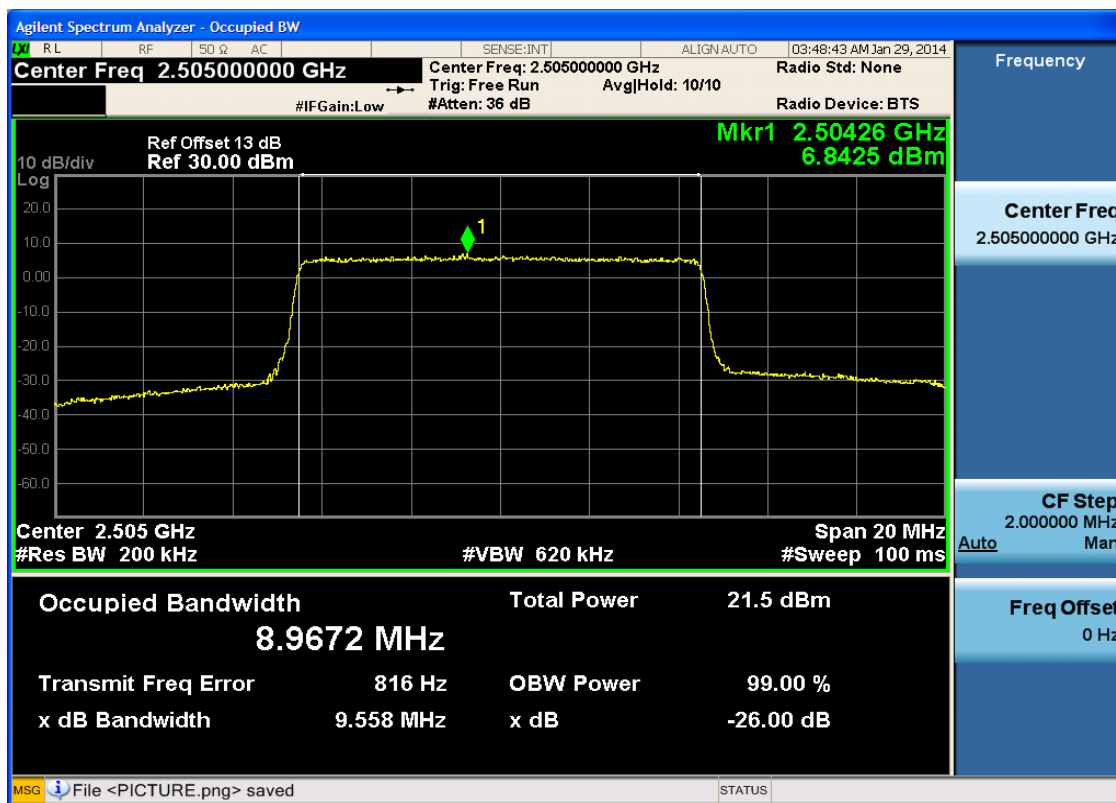
4.2.1.2.1.3.1 Test RB = RB25#0



4.2.1.2.2 Test Bandwidth = 10

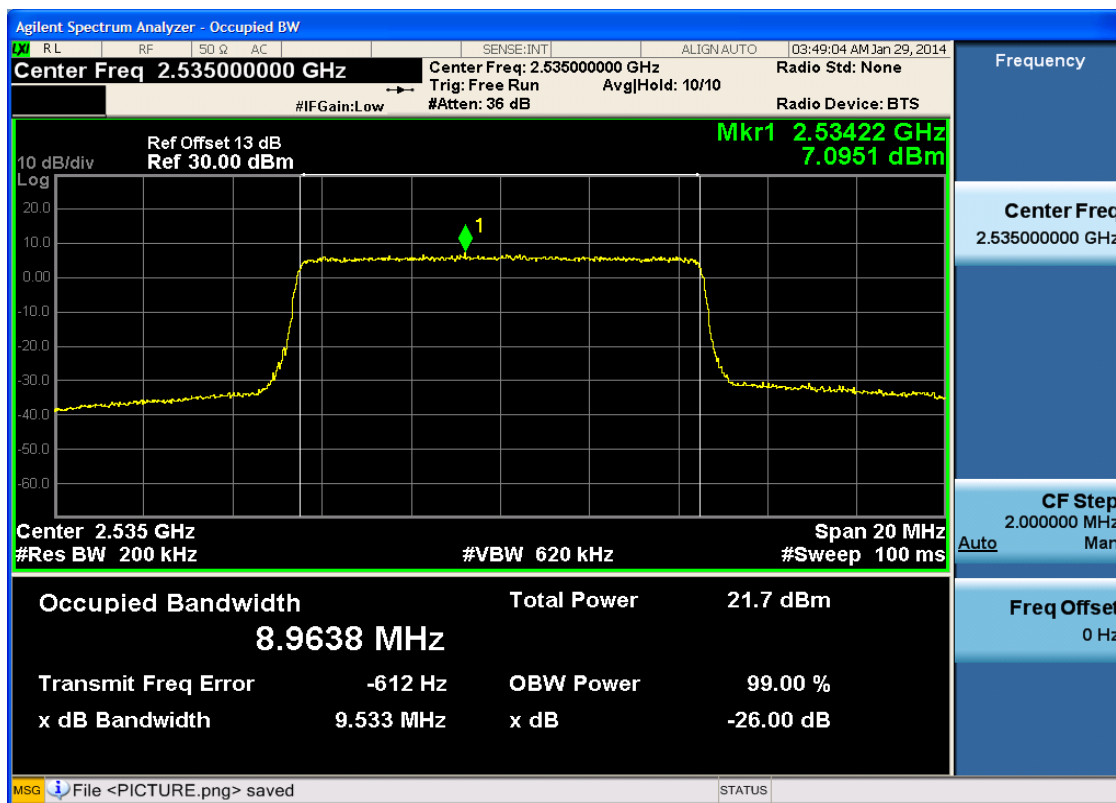
4.2.1.2.2.1 Test Channel = LCH

4.2.1.2.2.1.1 Test RB = RB50#0



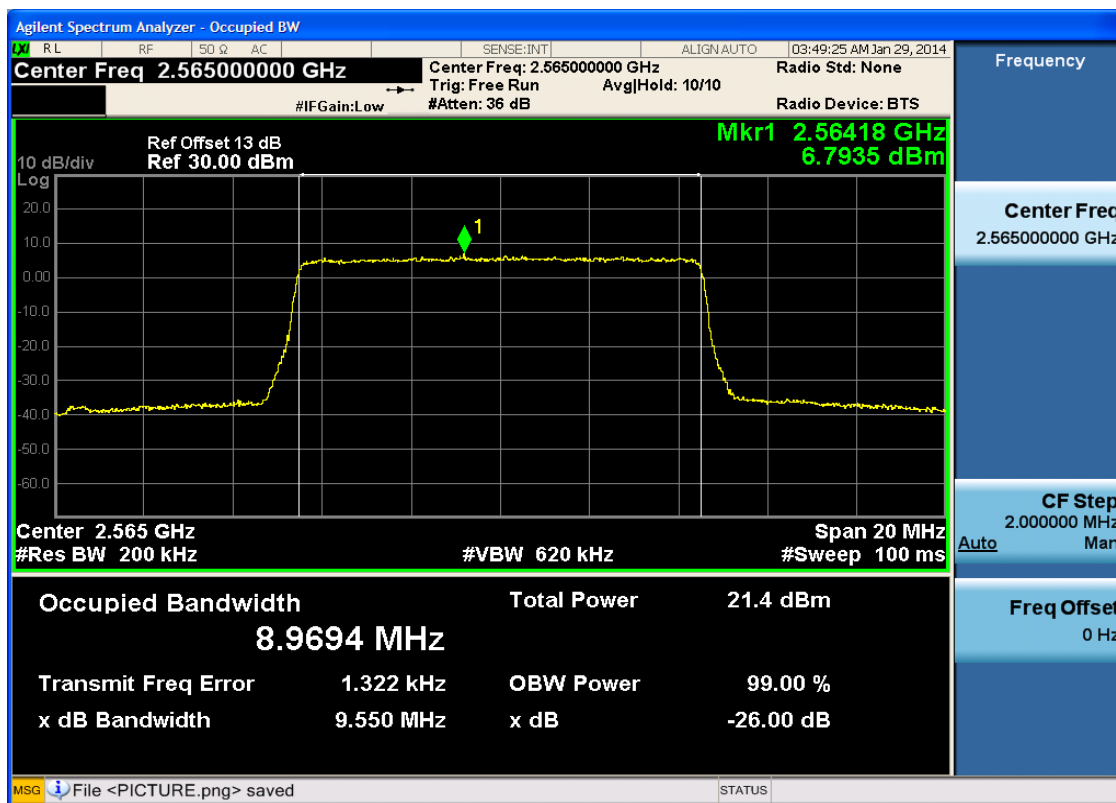
4.2.1.2.2.2 Test Channel = MCH

4.2.1.2.2.2.1 Test RB = RB50#0



4.2.1.2.2.3 Test Channel = HCH

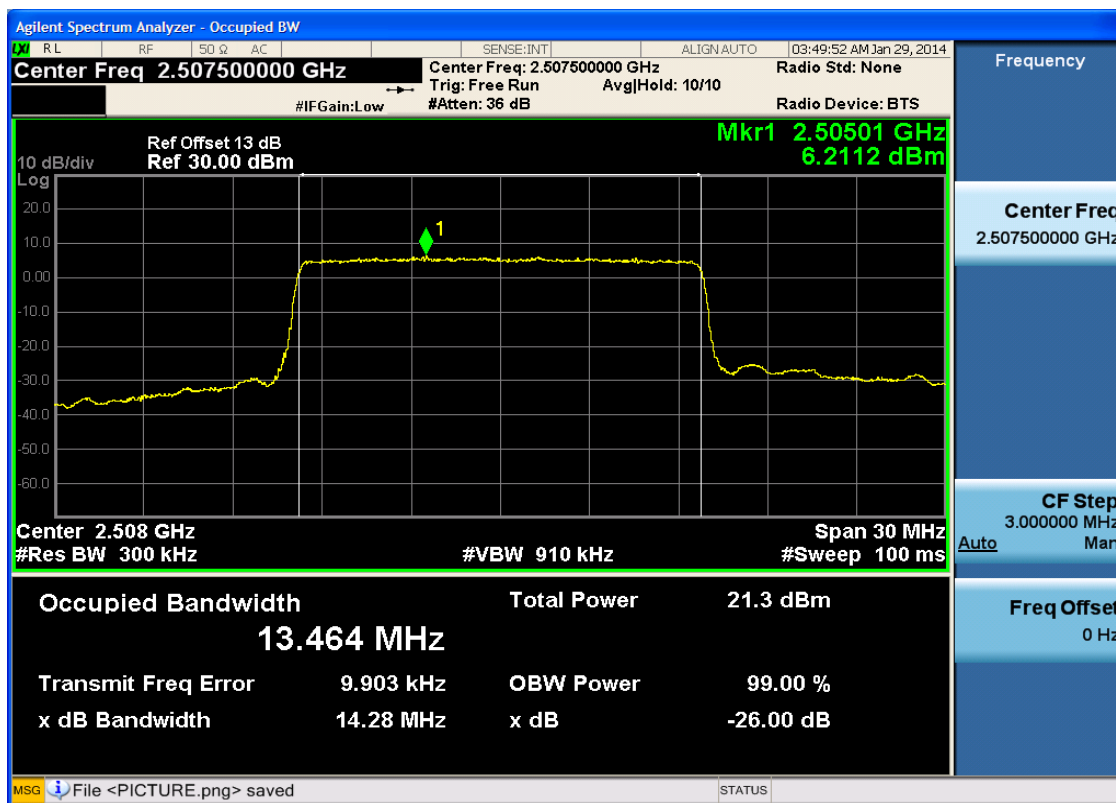
4.2.1.2.2.3.1 Test RB = RB50#0



4.2.1.2.3 Test Bandwidth = 15

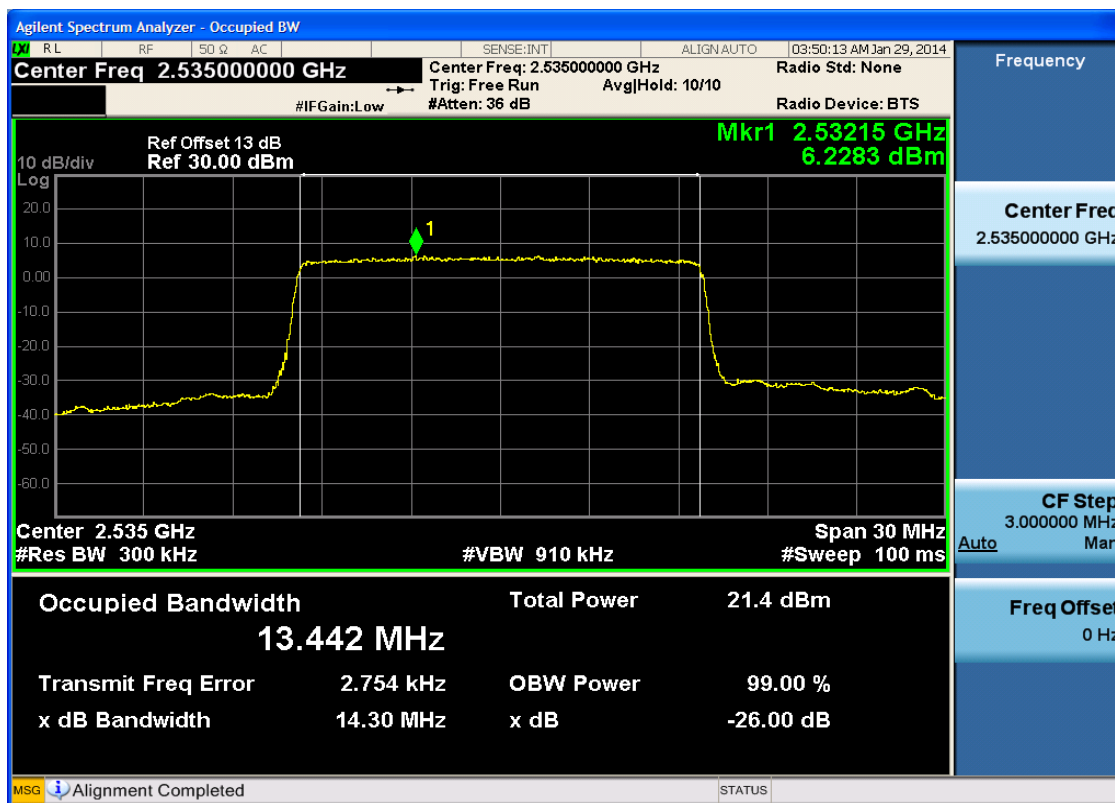
4.2.1.2.3.1 Test Channel = LCH

4.2.1.2.3.1.1 Test RB = RB75#0



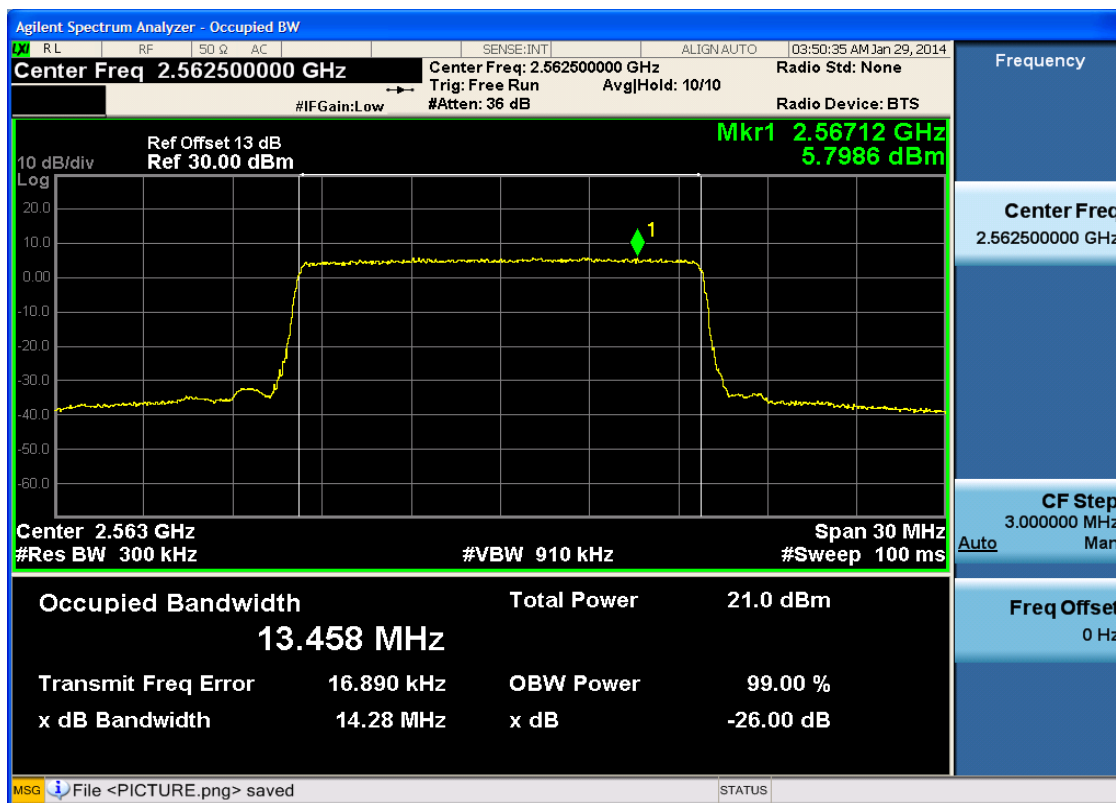
4.2.1.2.3.2 Test Channel = MCH

4.2.1.2.3.2.1 Test RB = RB75#0



4.2.1.2.3.3 Test Channel = HCH

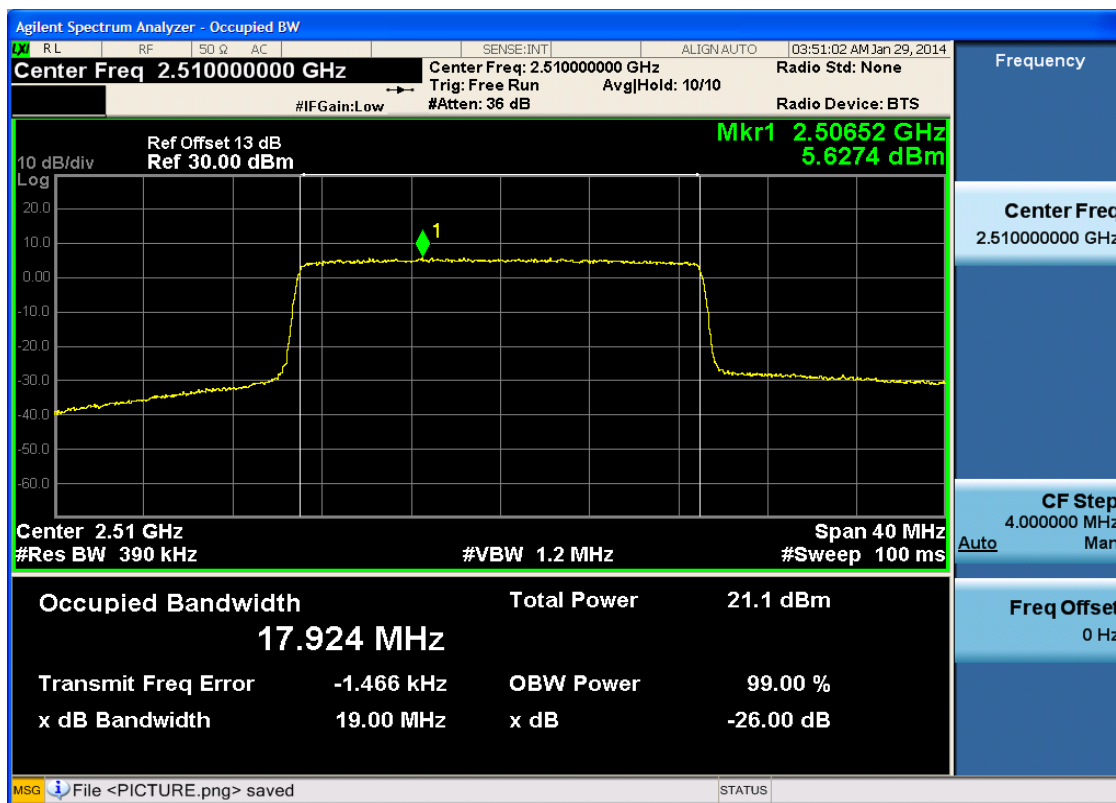
4.2.1.2.3.3.1 Test RB = RB75#0



4.2.1.2.4 Test Bandwidth = 20

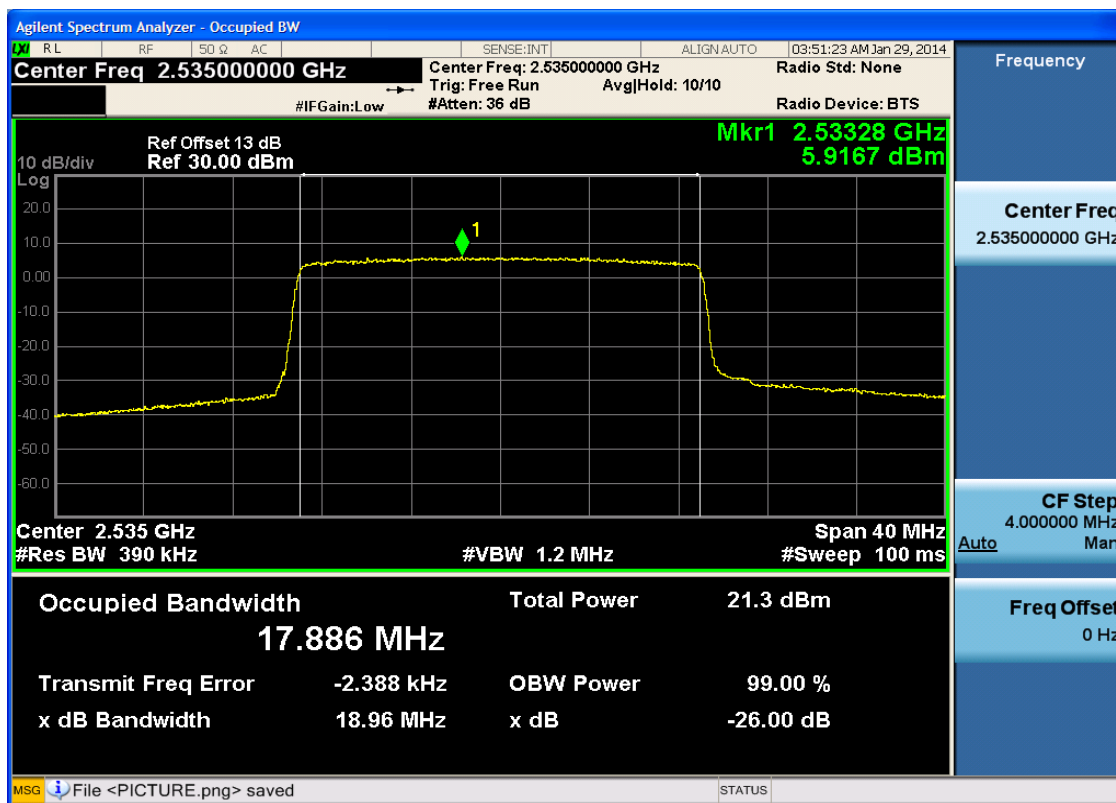
4.2.1.2.4.1 Test Channel = LCH

4.2.1.2.4.1.1 Test RB = RB100#0



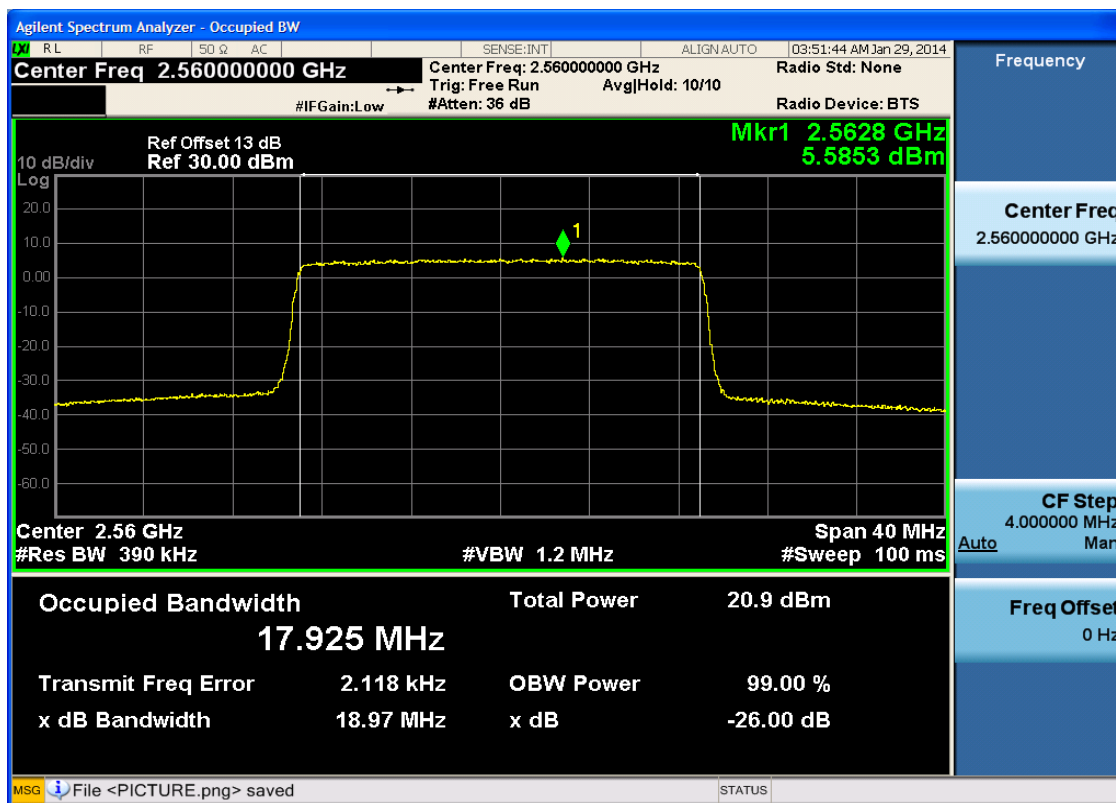
4.2.1.2.4.2 Test Channel = MCH

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

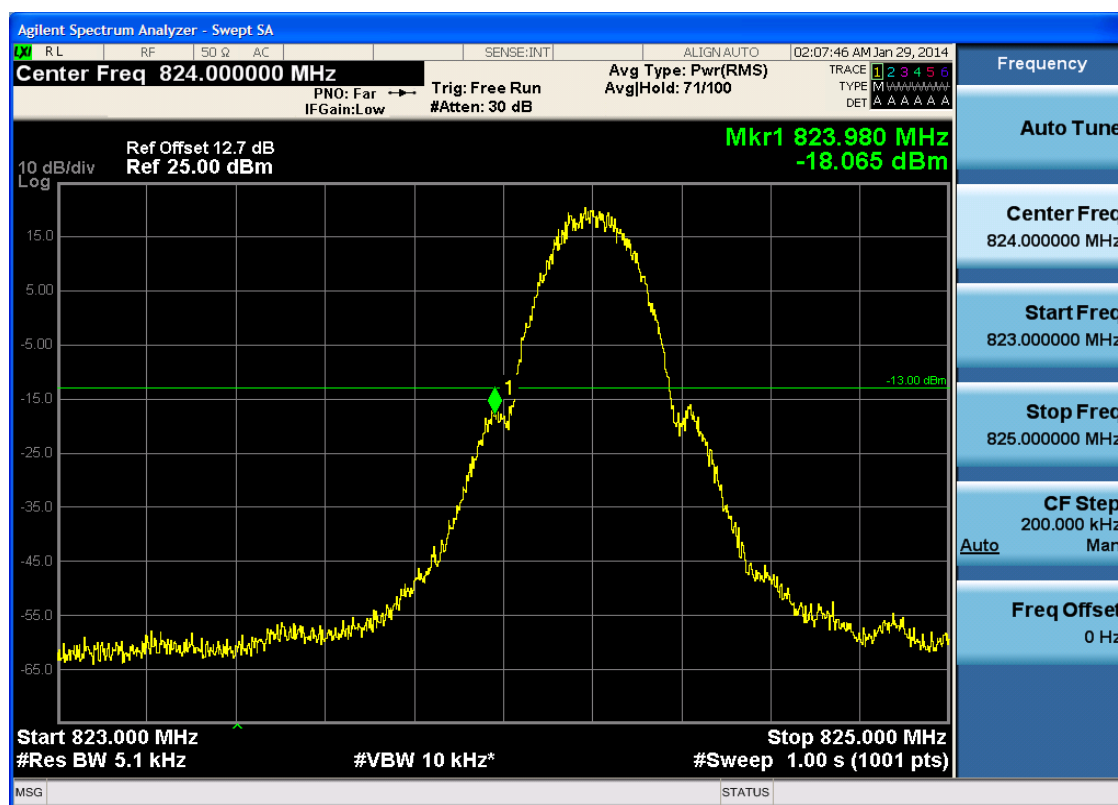
Part I - Test Plots

5.1 For GSM

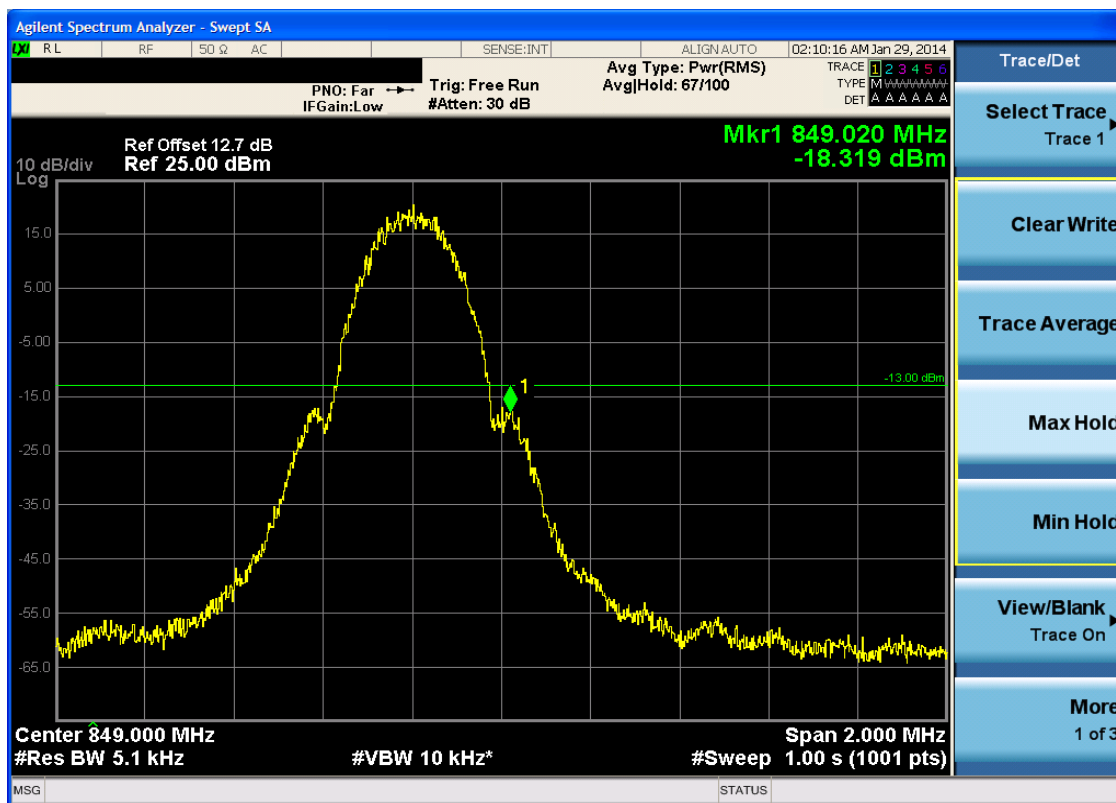
5.1.1 Test Band = GSM850

5.1.1.1 Test Mode = GSM/TM1

5.1.1.1.1 Test Channel = LCH

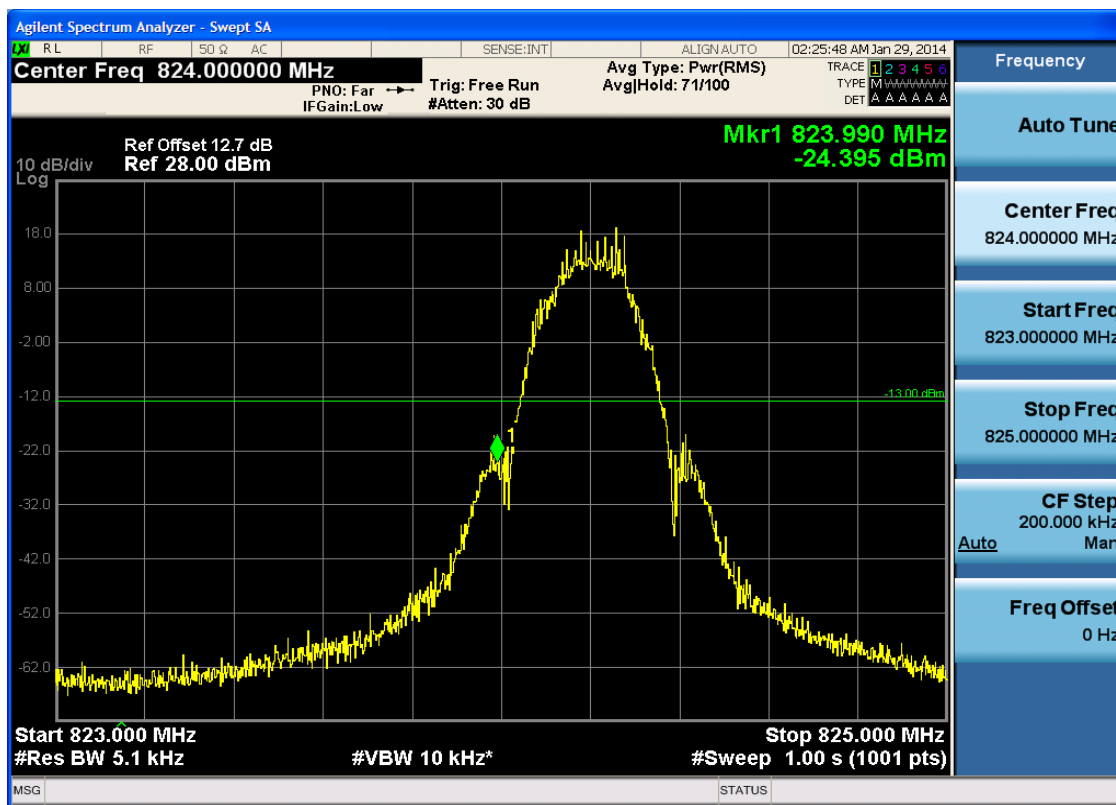


5.1.1.1.2 Test Channel = HCH

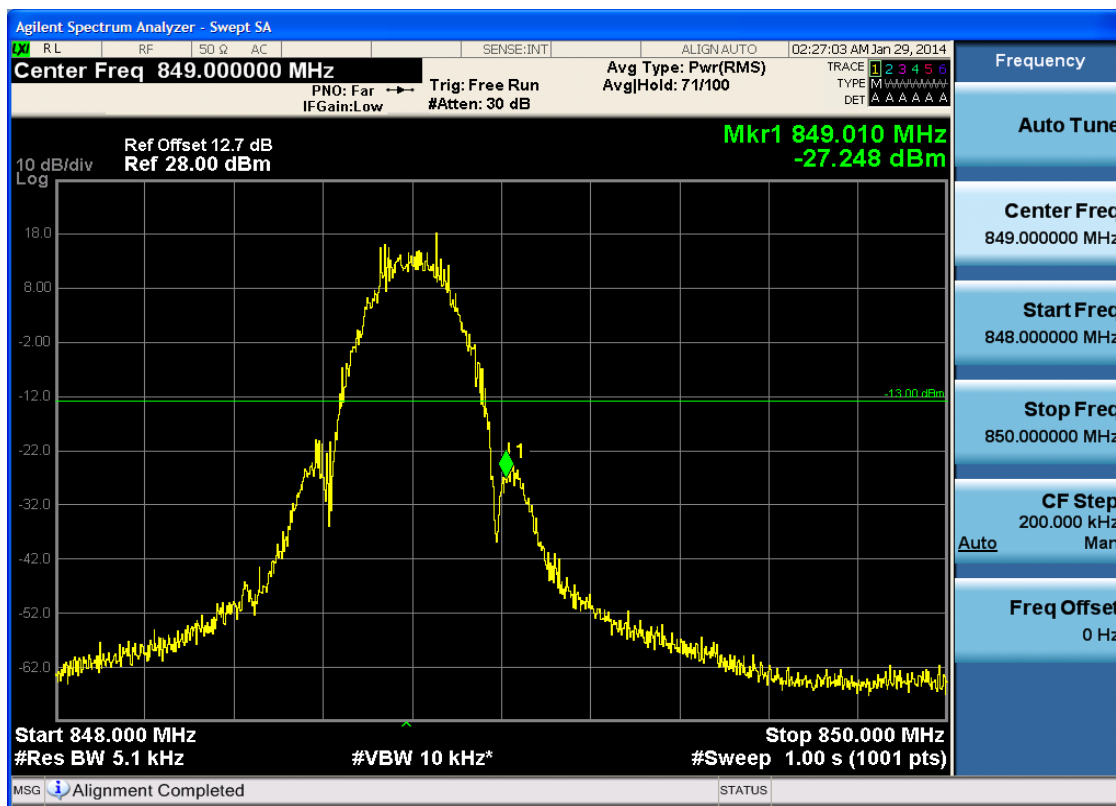


5.1.1.2 Test Mode = GSM/TM2

5.1.1.2.1 Test Channel = LCH



5.1.1.2.2 Test Channel = HCH

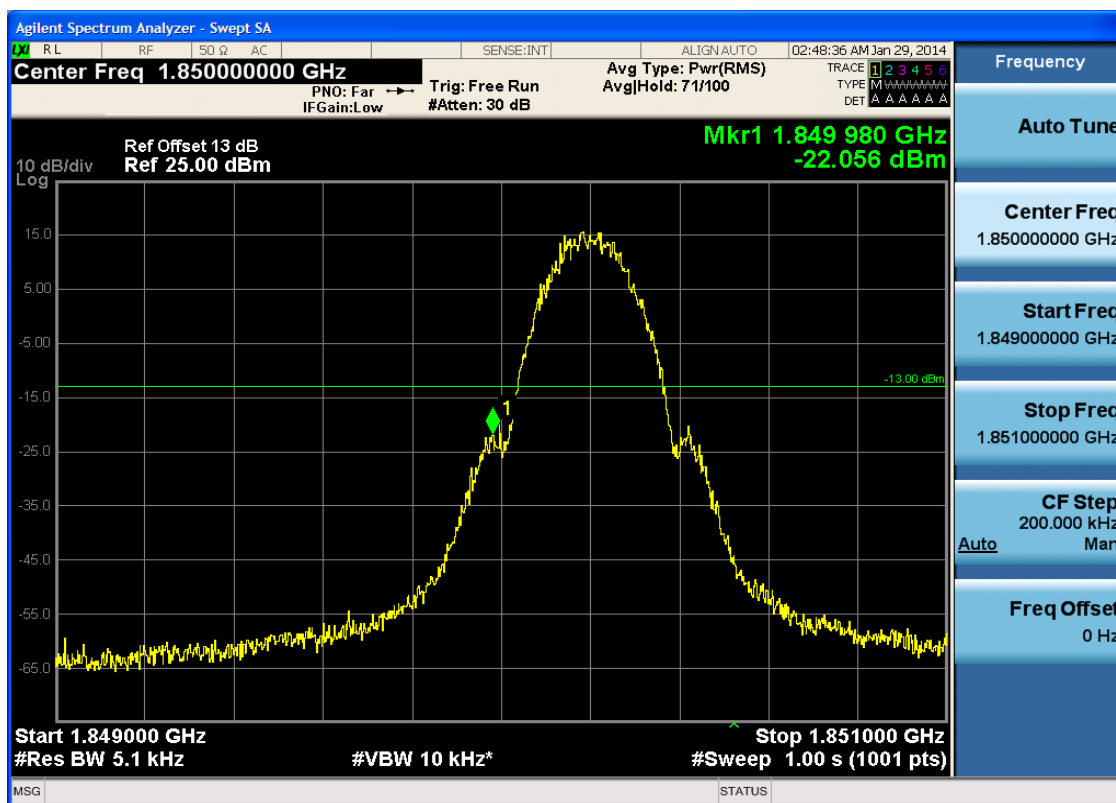




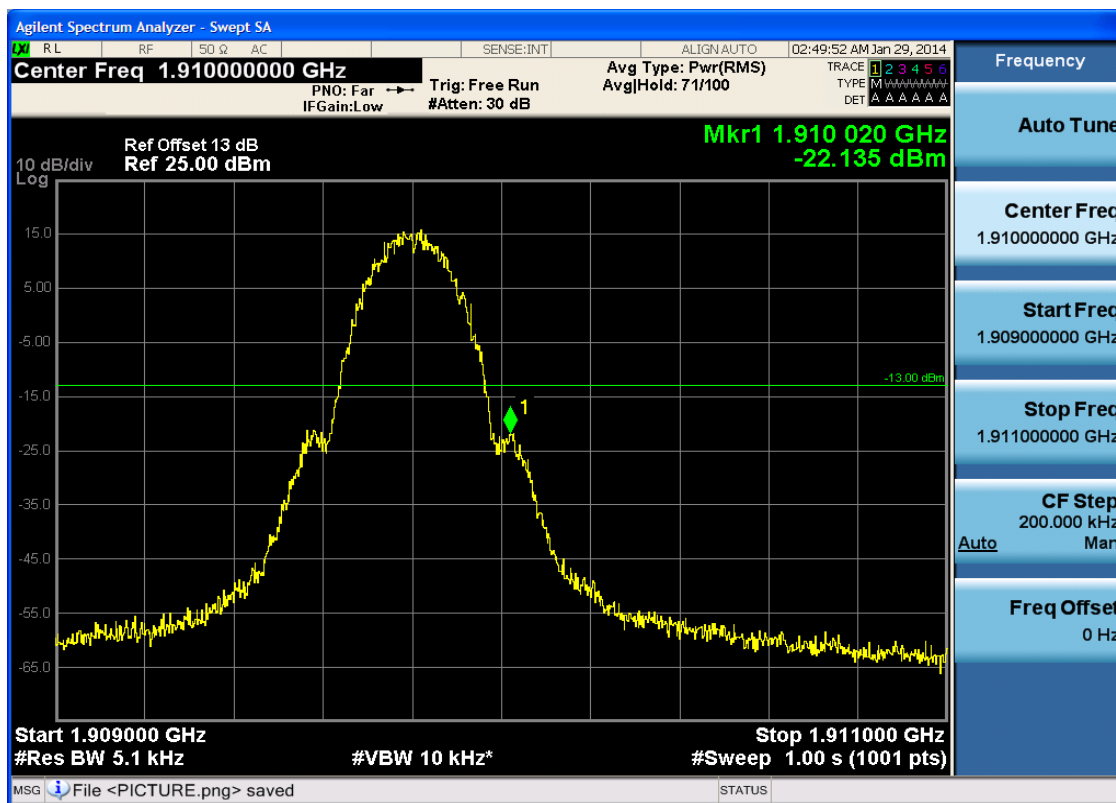
5.1.2 Test Band = GSM1900

5.1.2.1 Test Mode = GSM/TM1

5.1.2.1.1 Test Channel = LCH

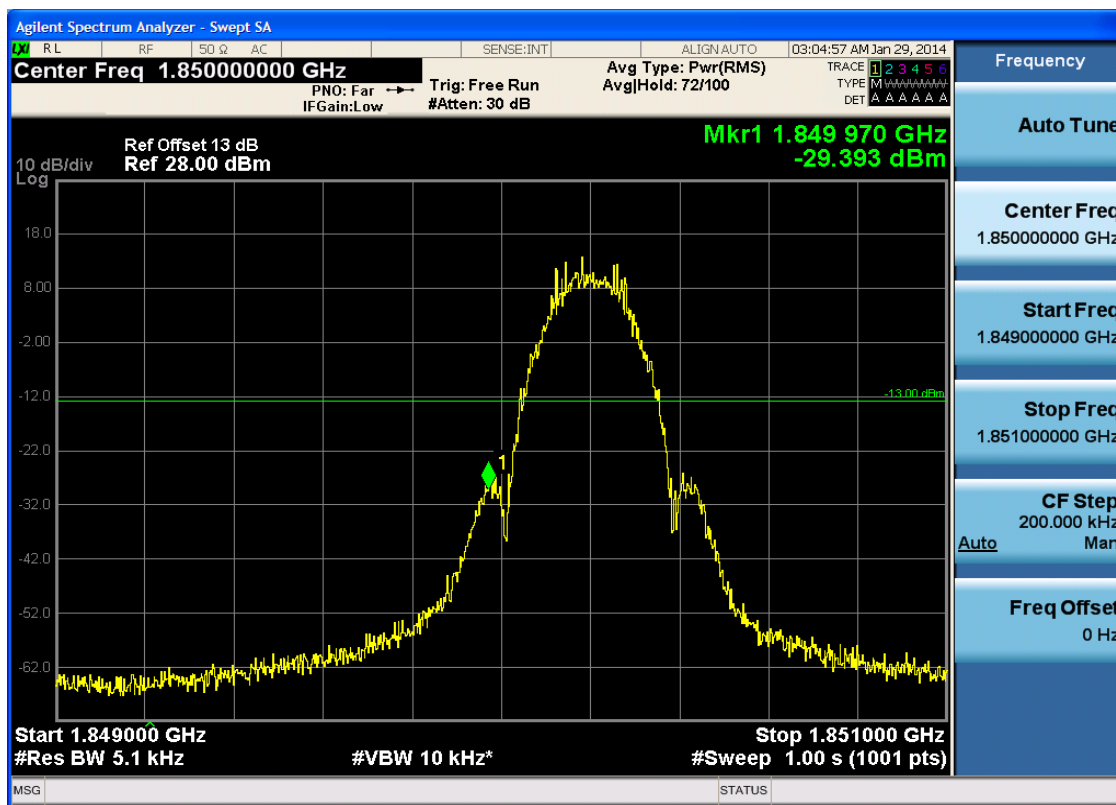


5.1.2.1.2 Test Channel = HCH

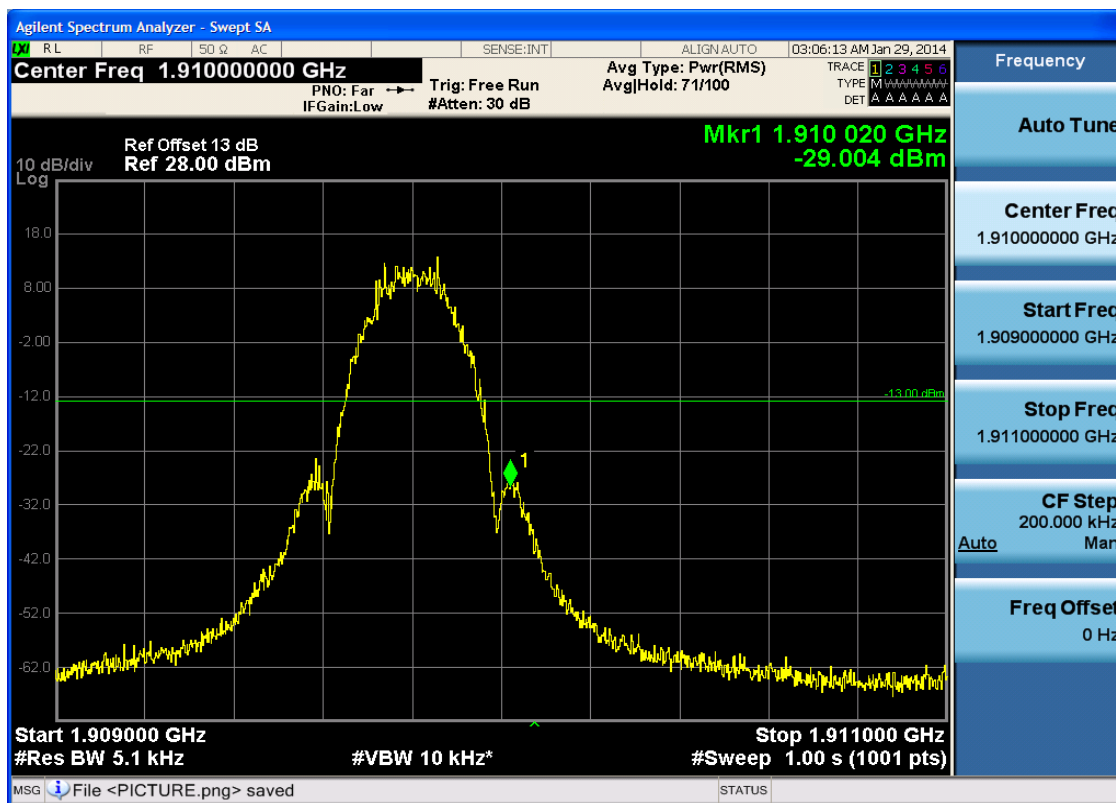


5.1.2.2 Test Mode = GSM/TM2

5.1.2.2.1 Test Channel = LCH



5.1.2.2.2 Test Channel = HCH



5.2 For LTE

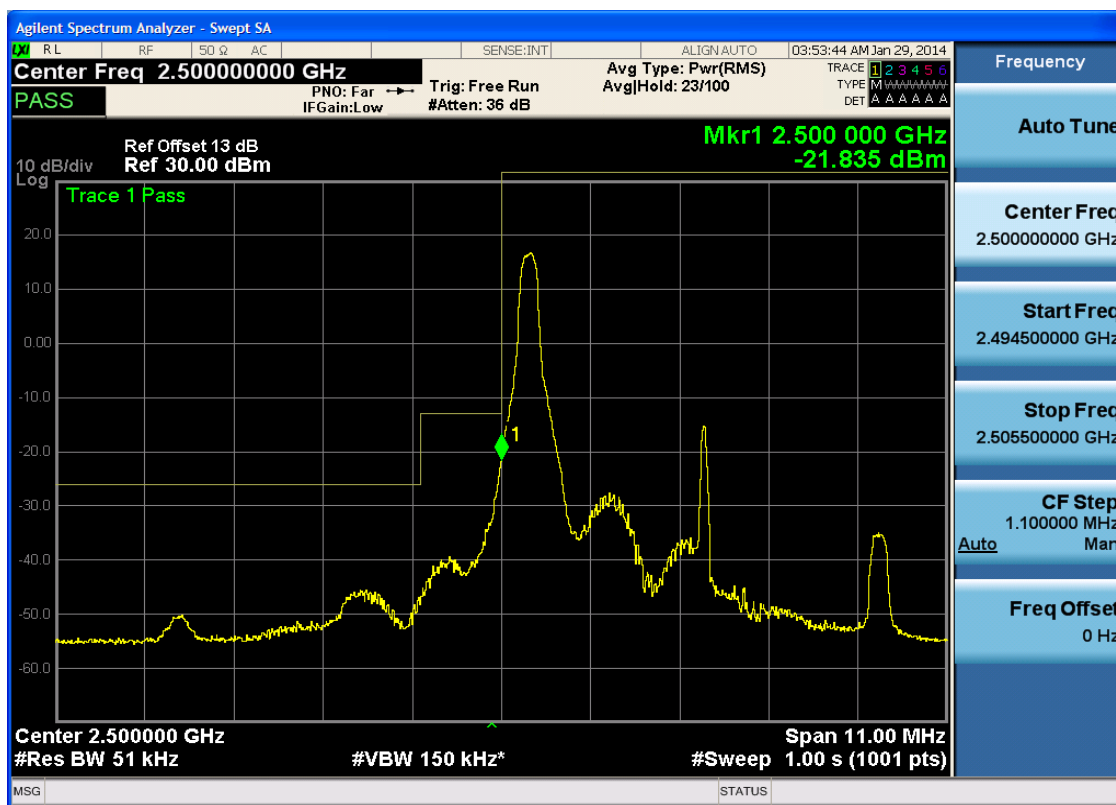
5.2.1 Test Band = BAND7

5.2.1.1 Test Mode = LTE/TM2

5.2.1.1.1 Test Bandwidth = 5

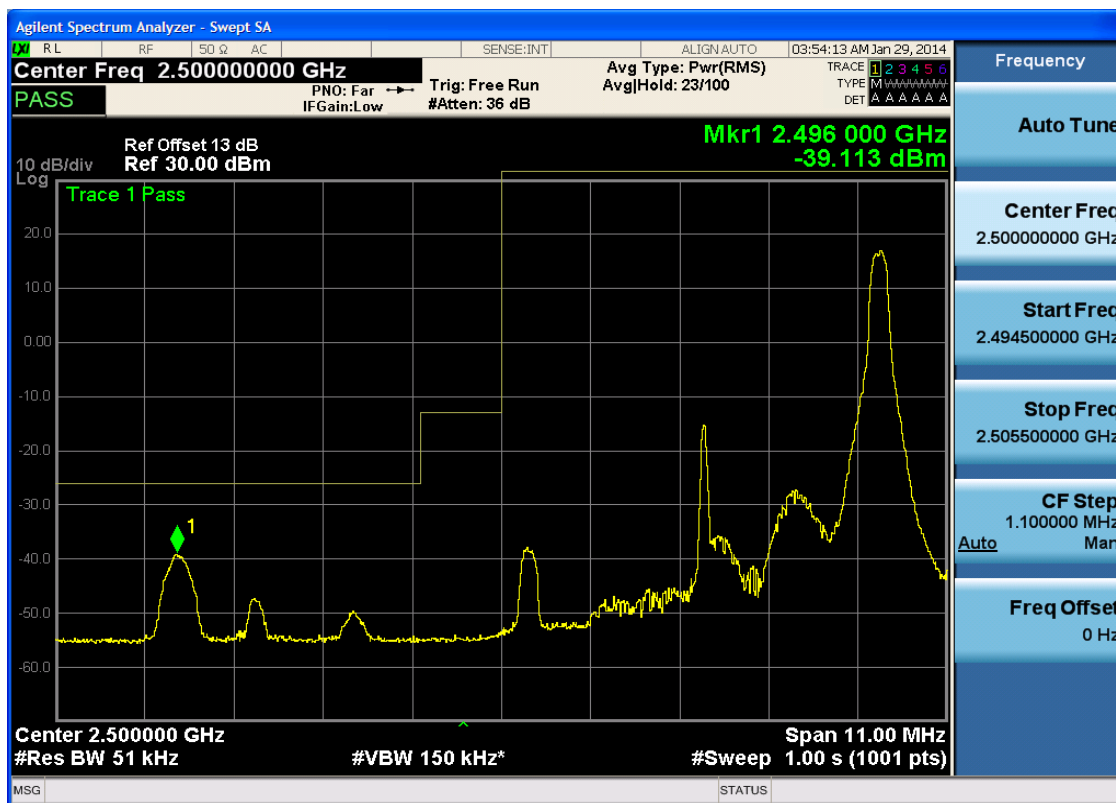
5.2.1.1.1.1 Test Channel = LCH

5.2.1.1.1.1.1 Test RB = RB1#0



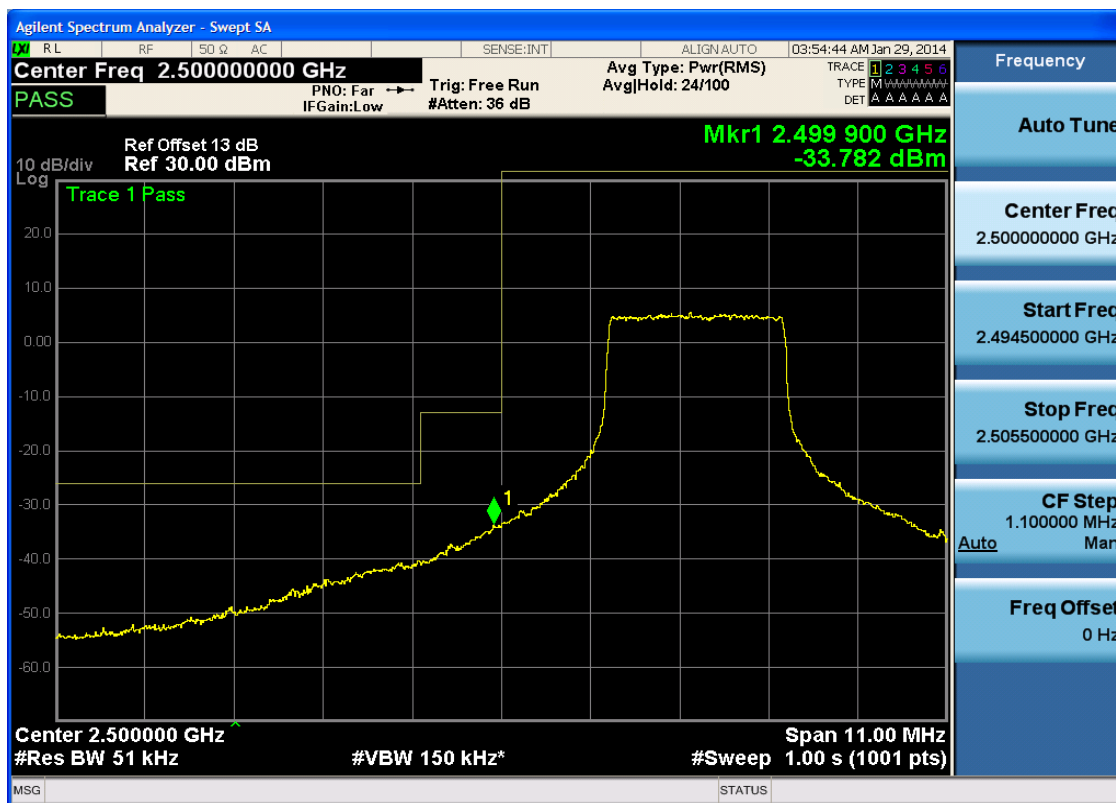


5.2.1.1.1.2 Test RB = RB1#24



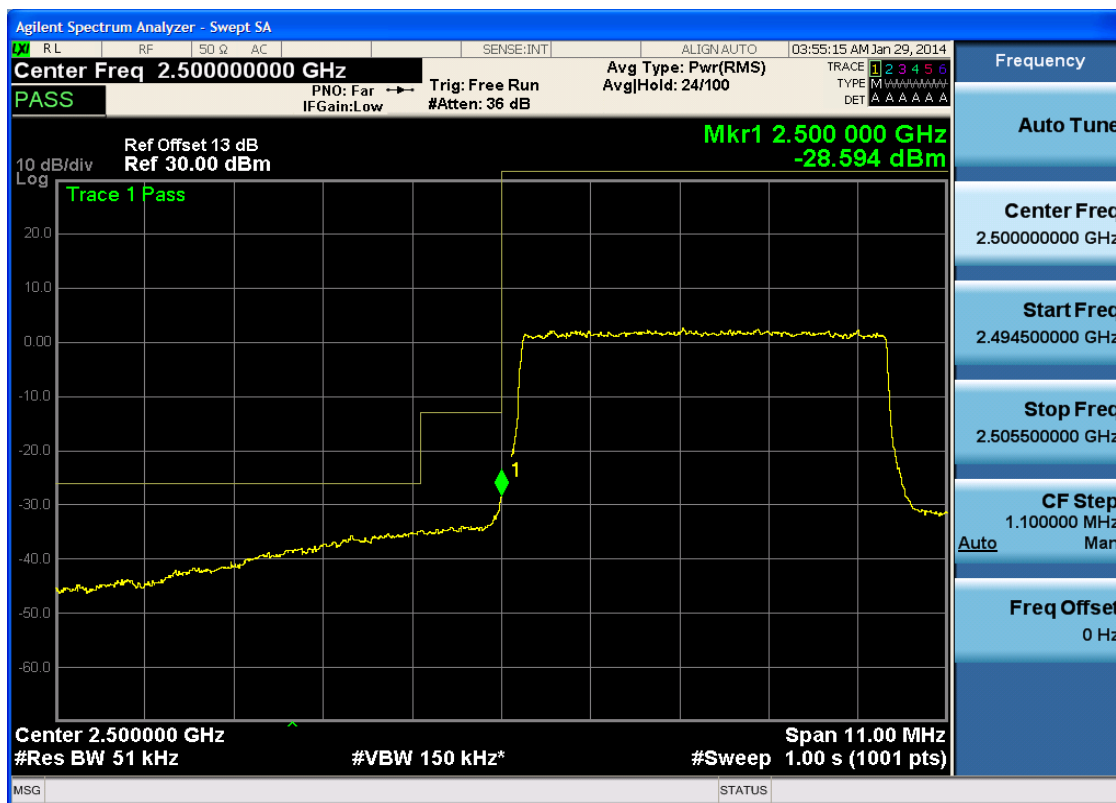


5.2.1.1.1.3 Test RB = RB12#6





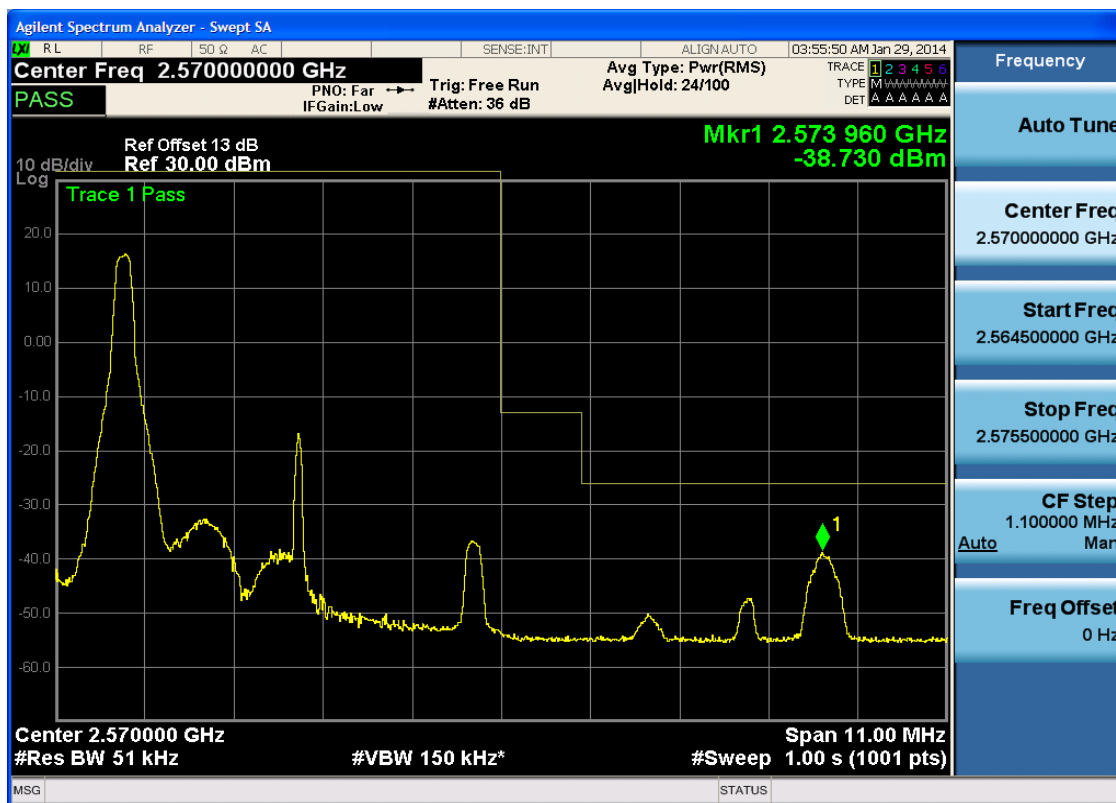
5.2.1.1.1.4 Test RB = RB25#0





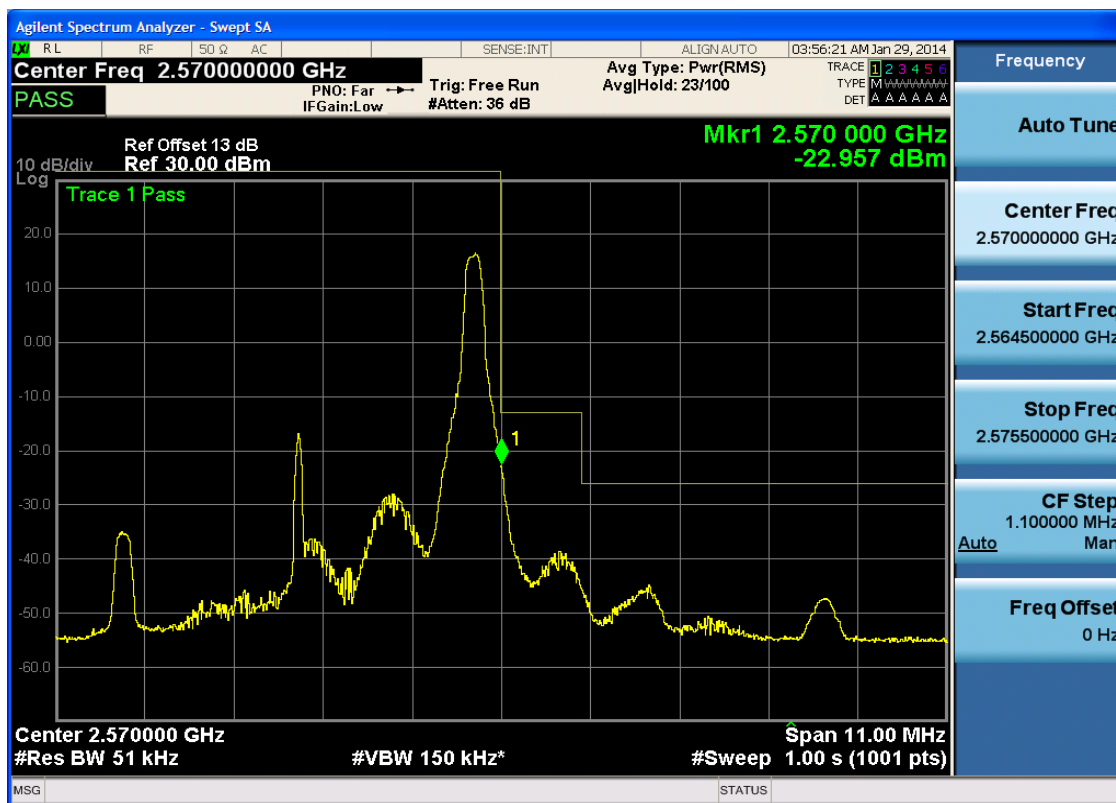
5.2.1.1.1.2 Test Channel = HCH

5.2.1.1.1.2.1 Test RB = RB1#0



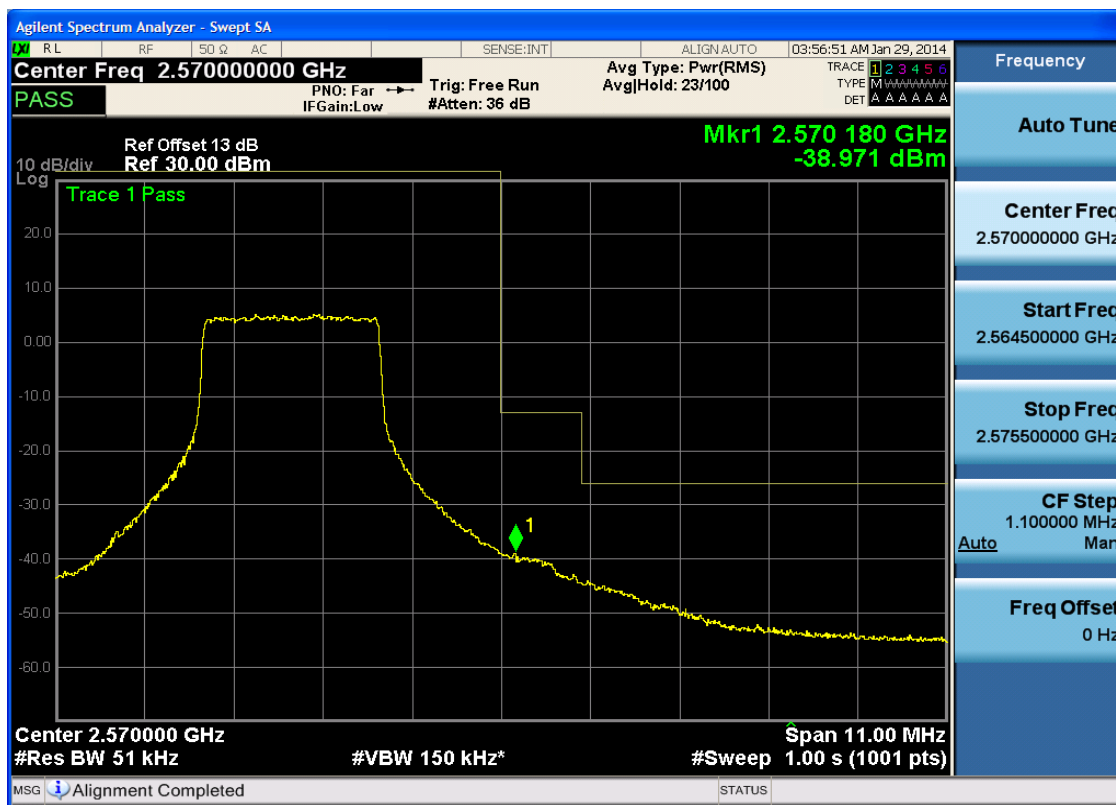


5.2.1.1.2.2 Test RB = RB1#24





5.2.1.1.1.2.3 Test RB = RB12#6





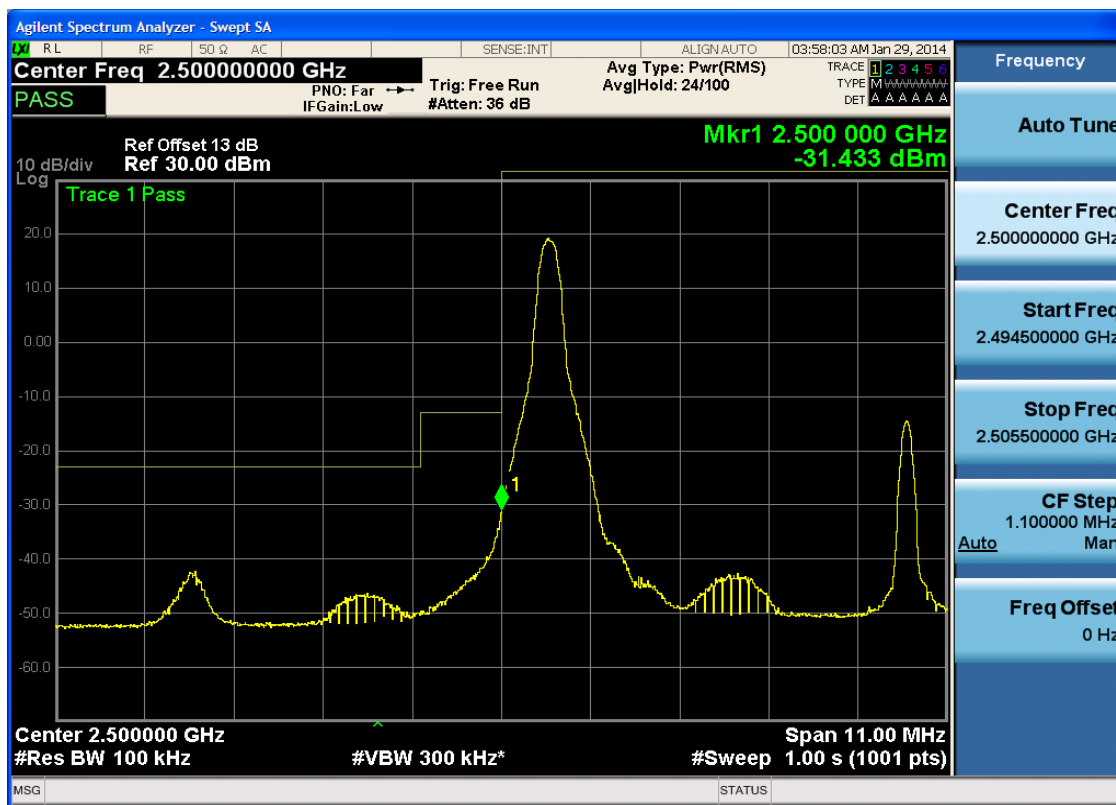
5.2.1.1.2.4 Test RB = RB25#0



5.2.1.1.2 Test Bandwidth = 10

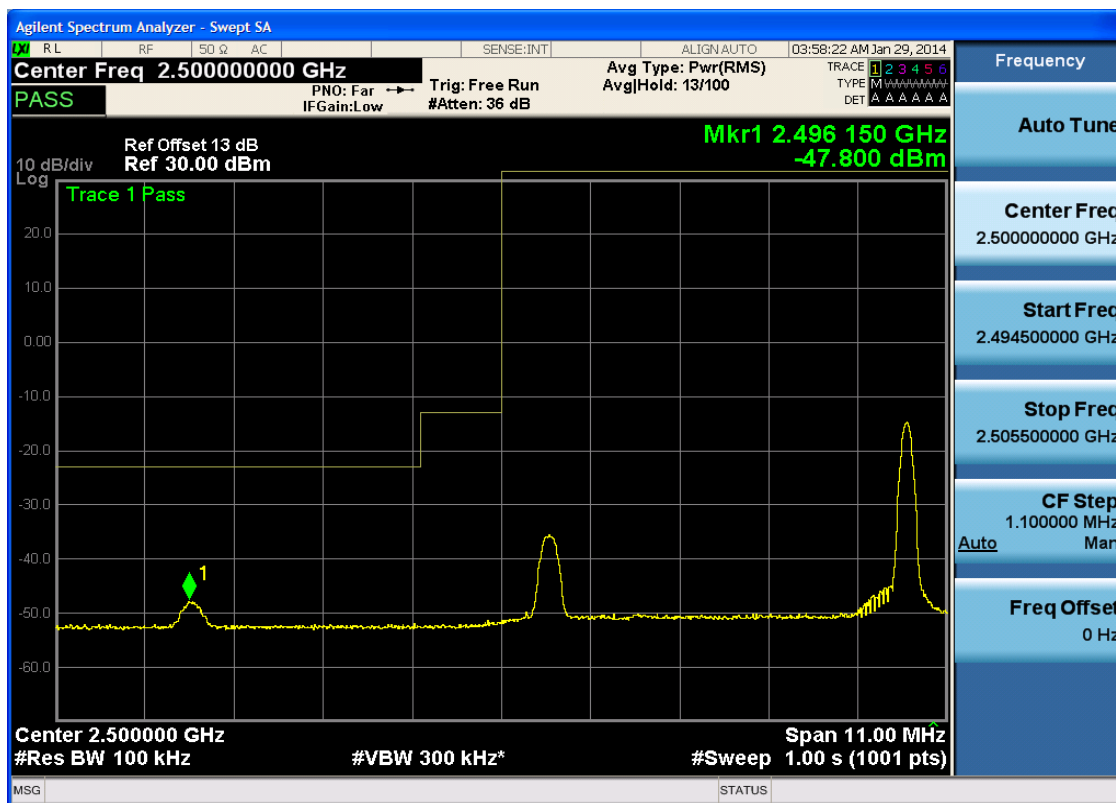
5.2.1.1.2.1 Test Channel = LCH

5.2.1.1.2.1.1 Test RB = RB1#0



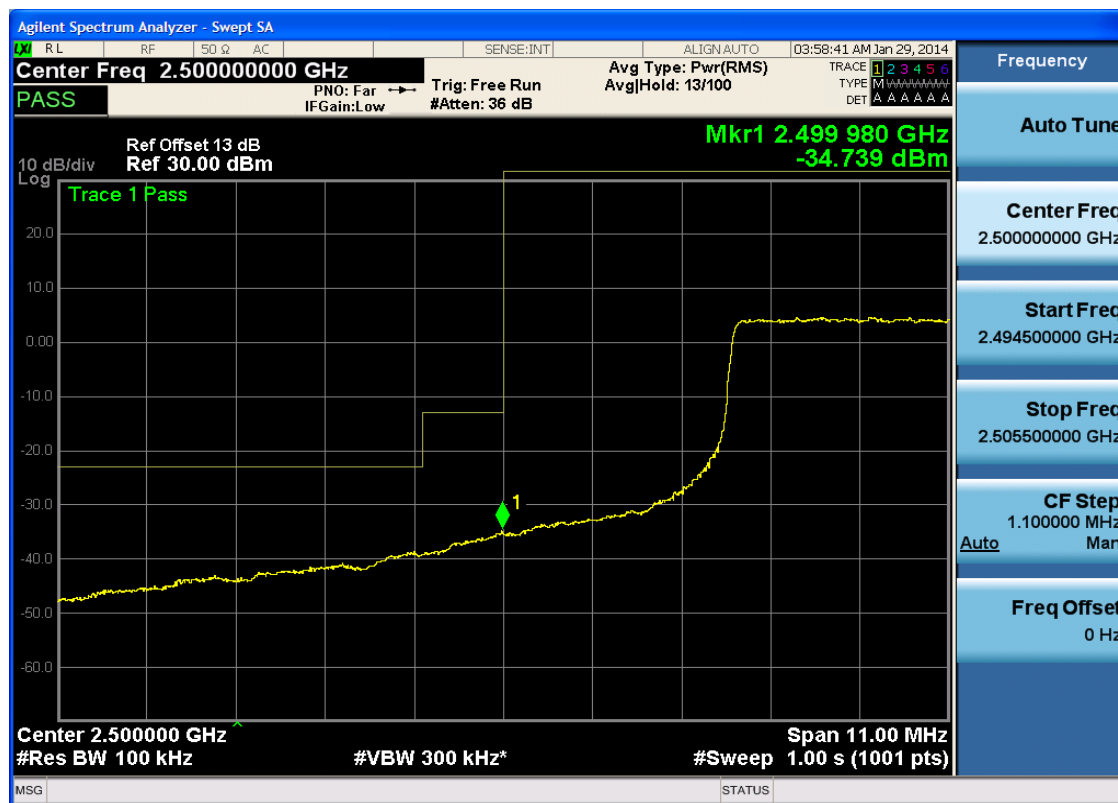


5.2.1.1.2.1.2 Test RB = RB1#49



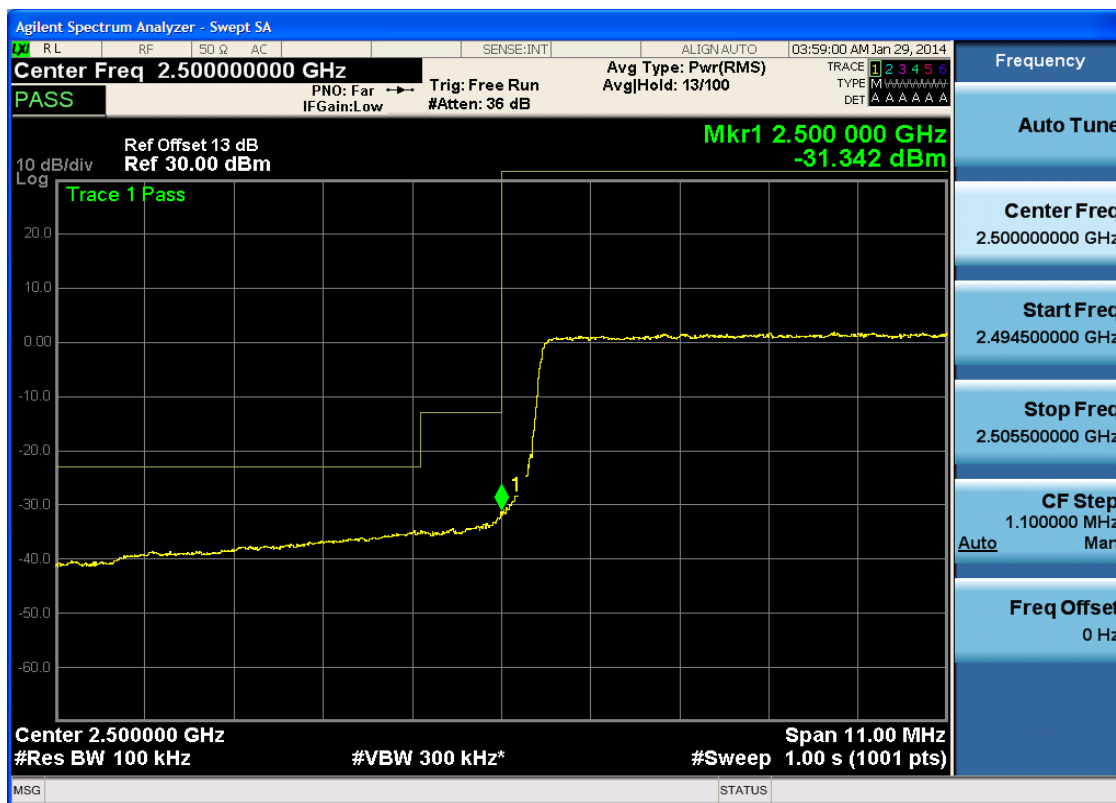


5.2.1.1.2.1.3 Test RB = RB25#13





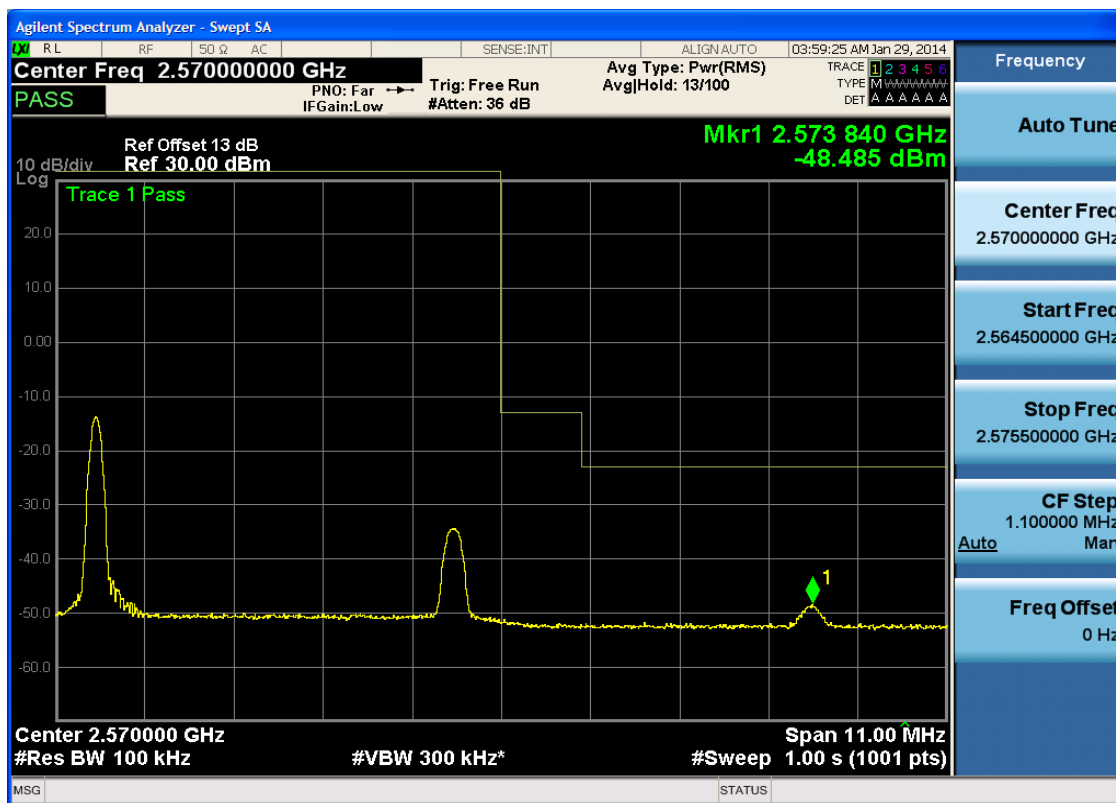
5.2.1.1.2.1.4 Test RB = RB50#0





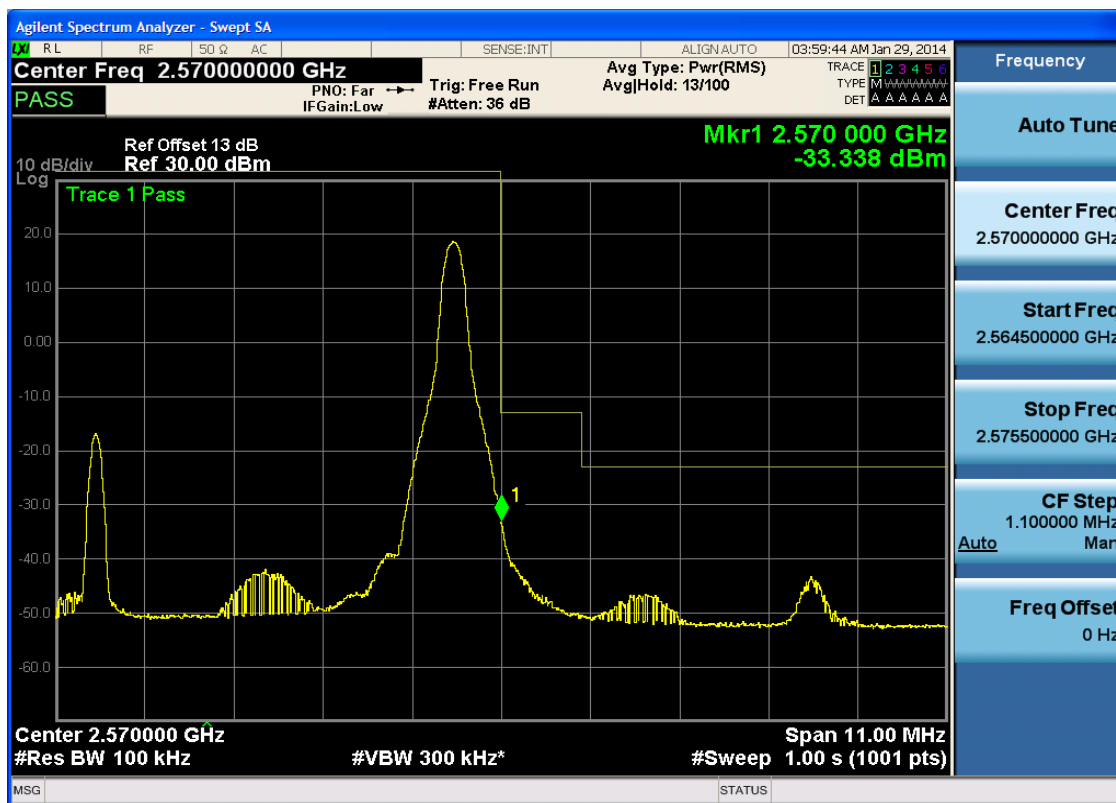
5.2.1.1.2.2 Test Channel = HCH

5.2.1.1.2.2.1 Test RB = RB1#0



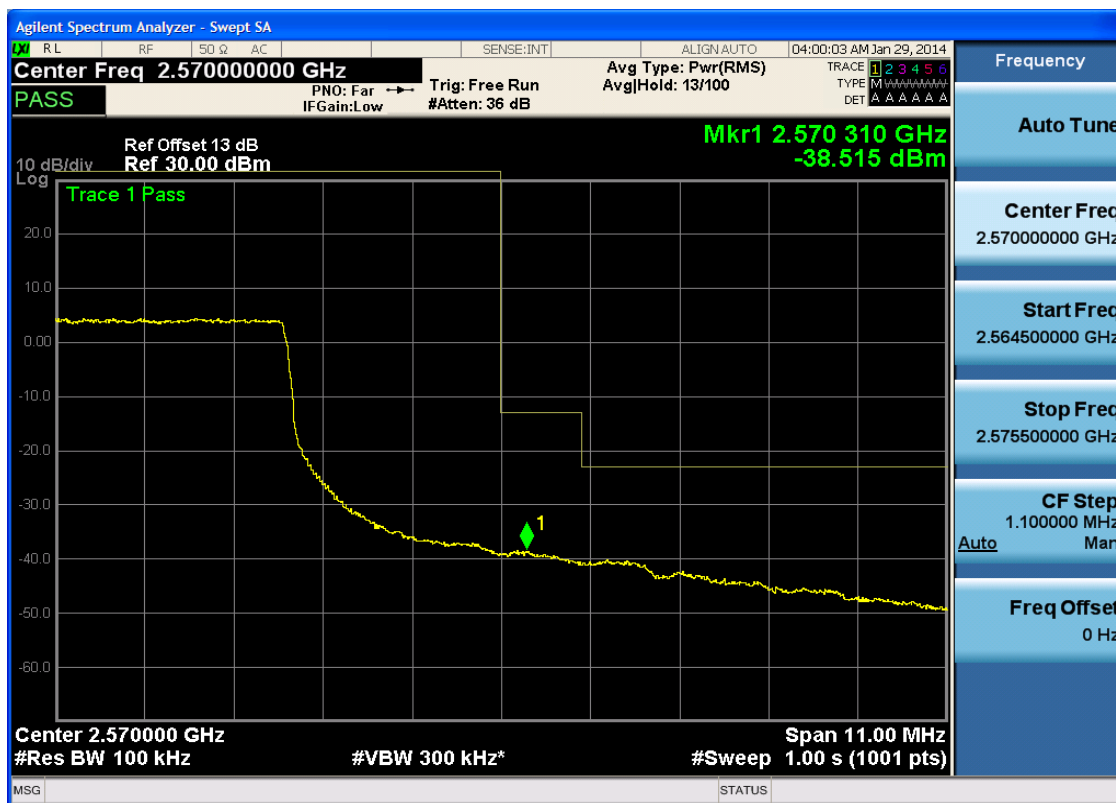


5.2.1.1.2.2.2 Test RB = RB1#49





5.2.1.1.2.3 Test RB = RB25#13





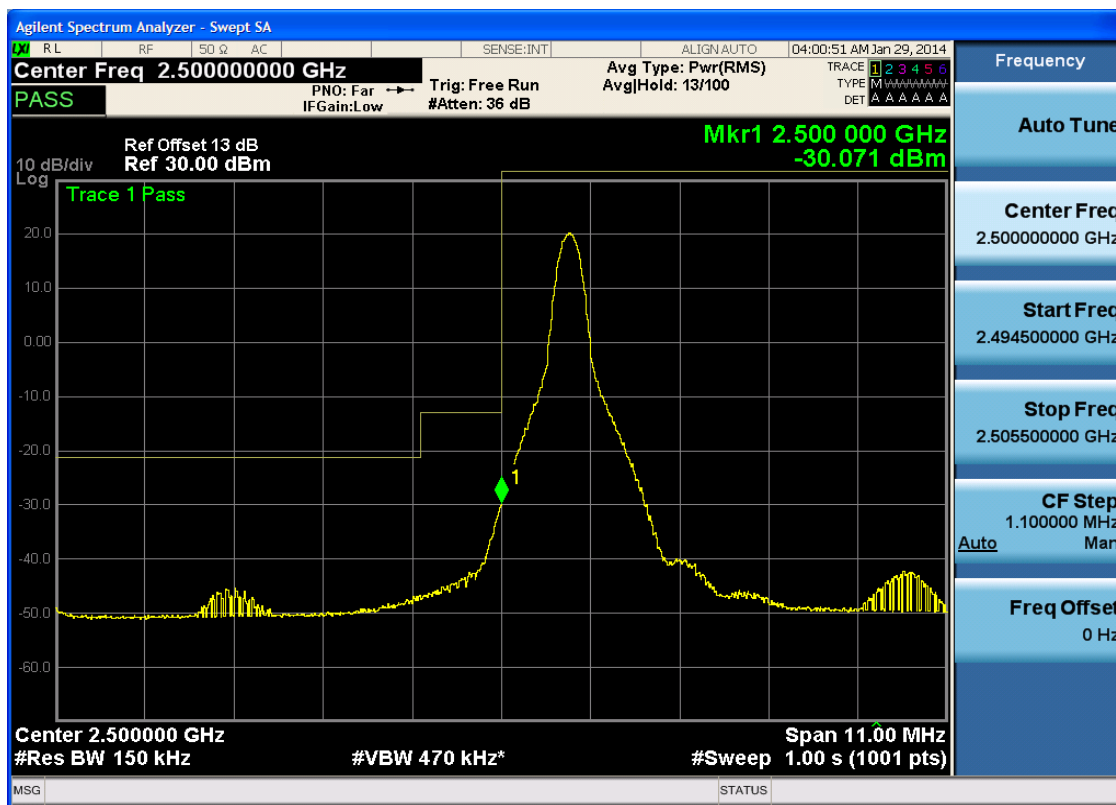
5.2.1.1.2.2.4 Test RB = RB50#0



5.2.1.1.3 Test Bandwidth = 15

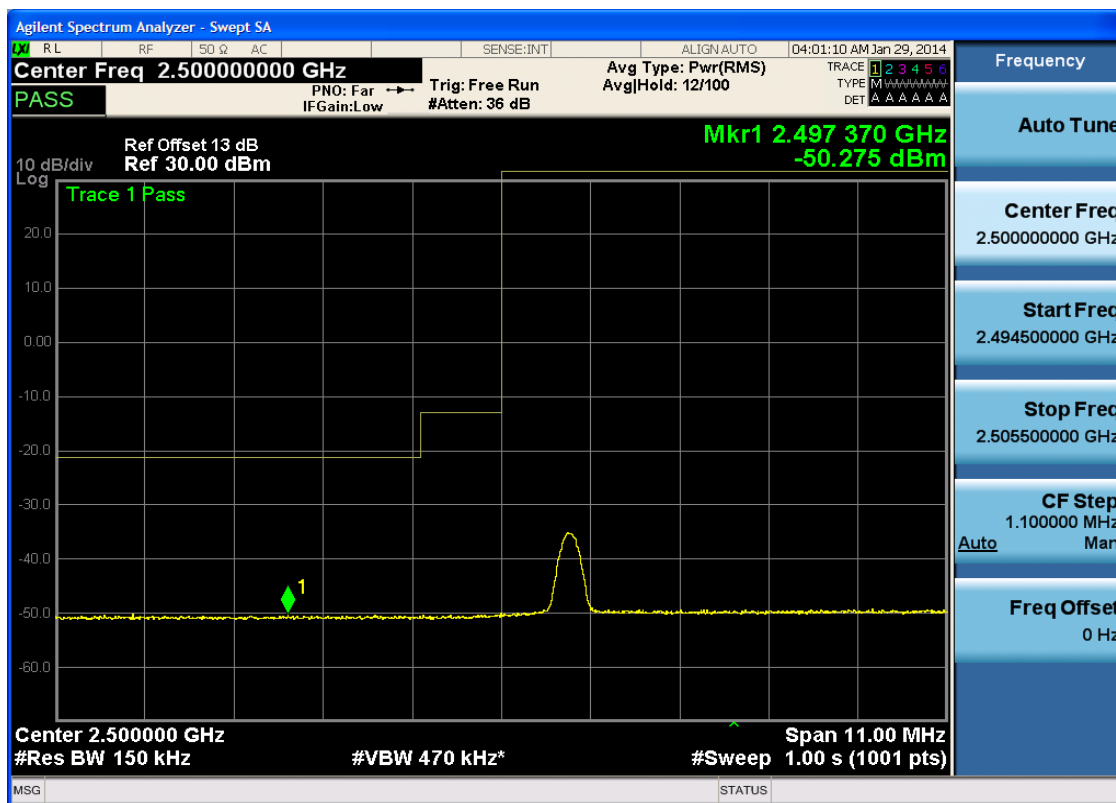
5.2.1.1.3.1 Test Channel = LCH

5.2.1.1.3.1.1 Test RB = RB1#0



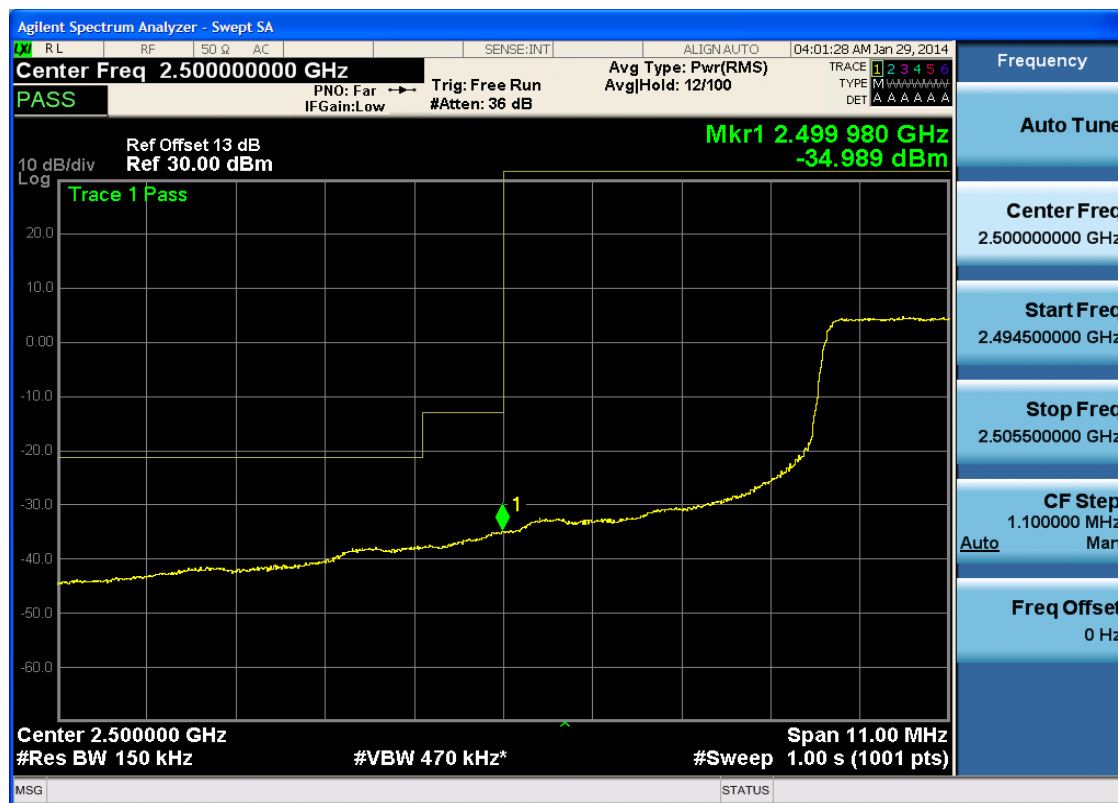


5.2.1.1.3.1.2 Test RB = RB1#74



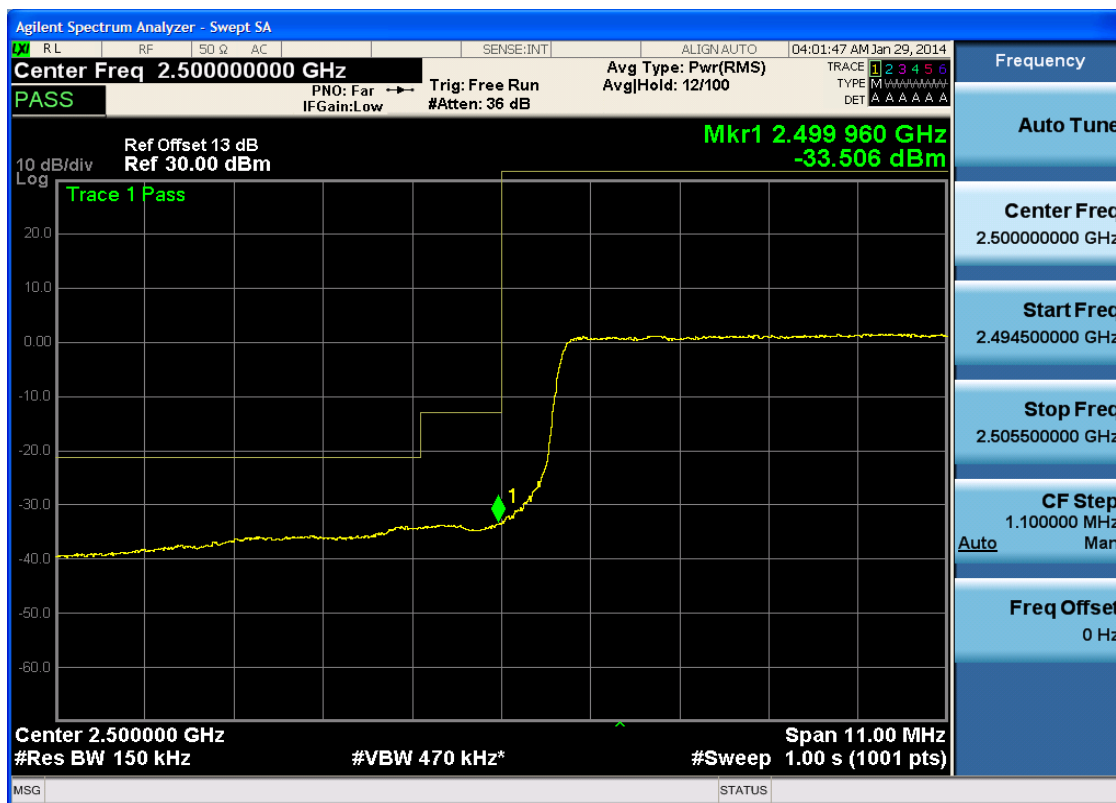


5.2.1.1.3.1.3 Test RB = RB36#18





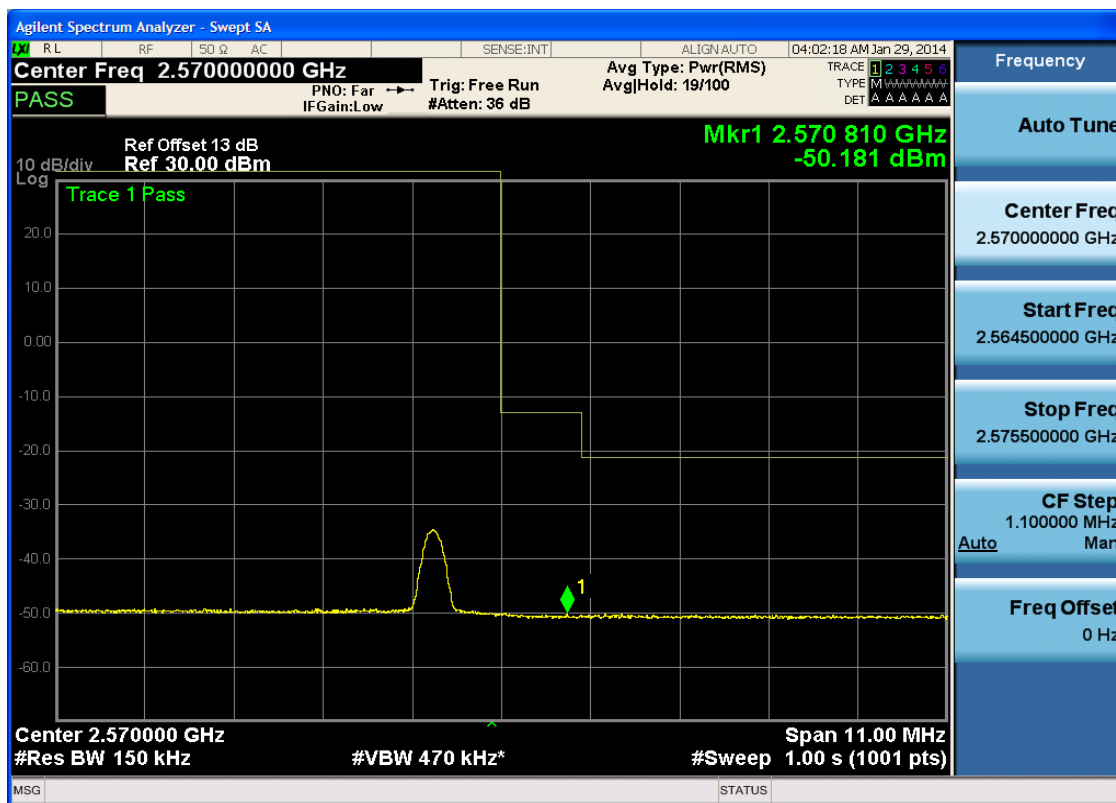
5.2.1.1.3.1.4 Test RB = RB75#0





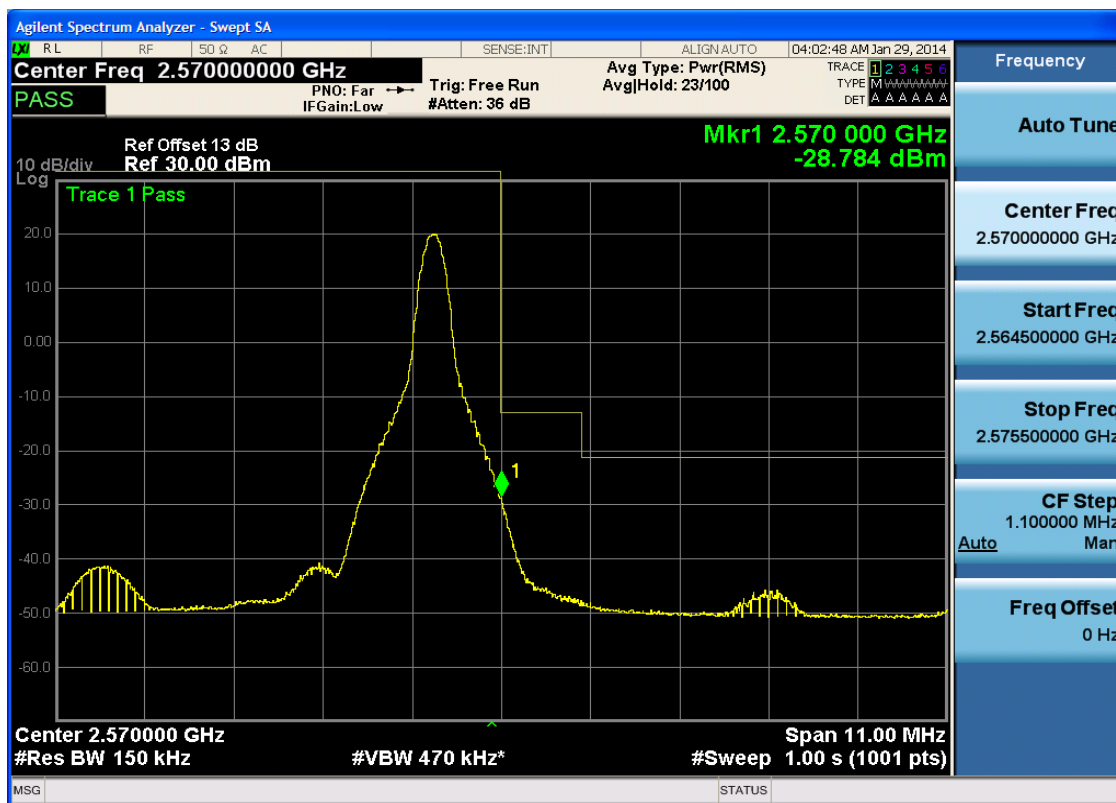
5.2.1.1.3.2 Test Channel = HCH

5.2.1.1.3.2.1 Test RB = RB1#0





5.2.1.1.3.2.2 Test RB = RB1#74





5.2.1.1.3.2.3 Test RB = RB36#18

