



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND25	LTE/TM1	1.4	LCH	RB1#0	21.3	22.96	33	PASS
				RB1#3	21.38	23.04	33	PASS
				RB1#5	21.42	23.08	33	PASS
				RB3#0	21.41	23.07	33	PASS
				RB3#2	21.48	23.14	33	PASS
				RB3#3	21.44	23.1	33	PASS
				RB6#0	20.54	22.2	33	PASS
			MCH	RB1#0	21.89	23.55	33	PASS
				RB1#3	21.88	23.54	33	PASS
				RB1#5	21.77	23.43	33	PASS
				RB3#0	21.97	23.63	33	PASS
				RB3#2	21.92	23.58	33	PASS
				RB3#3	21.85	23.51	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.92	22.58	33	PASS
			HCH	RB1#0	21.49	23.15	33	PASS
				RB1#3	21.69	23.35	33	PASS
				RB1#5	21.5	23.16	33	PASS
				RB3#0	21.67	23.33	33	PASS
				RB3#2	21.62	23.28	33	PASS
				RB3#3	21.59	23.25	33	PASS
				RB6#0	20.65	22.31	33	PASS
		3	LCH	RB1#0	21.36	23.02	33	PASS
				RB1#7	21.69	23.35	33	PASS
				RB1#14	21.53	23.19	33	PASS
				RB8#0	20.56	22.22	33	PASS
				RB8#4	20.71	22.37	33	PASS
				RB8#7	20.69	22.35	33	PASS
				RB15#0	20.64	22.3	33	PASS
			MCH	RB1#0	21.83	23.49	33	PASS
				RB1#7	21.92	23.58	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.71	23.37	33	PASS
				RB8#0	21.04	22.7	33	PASS
				RB8#4	20.98	22.64	33	PASS
				RB8#7	20.87	22.53	33	PASS
				RB15#0	20.96	22.62	33	PASS
			HCH	RB1#0	21.39	23.05	33	PASS
				RB1#7	21.66	23.32	33	PASS
				RB1#14	21.3	22.96	33	PASS
				RB8#0	20.67	22.33	33	PASS
				RB8#4	20.65	22.31	33	PASS
				RB8#7	20.56	22.22	33	PASS
				RB15#0	20.63	22.29	33	PASS
		5	LCH	RB1#0	21.6	23.26	33	PASS
				RB1#13	22.14	23.8	33	PASS
				RB1#24	21.77	23.43	33	PASS
				RB12#0	21.07	22.73	33	PASS
				RB12#6	21.18	22.84	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.02	22.68	33	PASS
				RB25#0	21.01	22.67	33	PASS
			MCH	RB1#0	22.32	23.98	33	PASS
				RB1#13	22.45	24.11	33	PASS
				RB1#24	21.89	23.55	33	PASS
				RB12#0	21.49	23.15	33	PASS
				RB12#6	21.47	23.13	33	PASS
				RB12#13	21.2	22.86	33	PASS
				RB25#0	21.34	23	33	PASS
			HCH	RB1#0	22	23.66	33	PASS
				RB1#13	22.07	23.73	33	PASS
				RB1#24	21.63	23.29	33	PASS
				RB12#0	21.16	22.82	33	PASS
				RB12#6	21.13	22.79	33	PASS
				RB12#13	20.87	22.53	33	PASS
				RB25#0	21.05	22.71	33	PASS
		10	LCH	RB1#0	21.26	22.92	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.86	23.52	33	PASS
				RB1#49	22.2	23.86	33	PASS
				RB25#0	20.7	22.36	33	PASS
				RB25#13	20.89	22.55	33	PASS
				RB25#25	20.79	22.45	33	PASS
				RB50#0	20.7	22.36	33	PASS
			MCH	RB1#0	21.96	23.62	33	PASS
				RB1#25	22.15	23.81	33	PASS
				RB1#49	22.19	23.85	33	PASS
				RB25#0	21.08	22.74	33	PASS
				RB25#13	21.03	22.69	33	PASS
				RB25#25	20.81	22.47	33	PASS
				RB50#0	20.98	22.64	33	PASS
			HCH	RB1#0	21.95	23.61	33	PASS
				RB1#25	21.89	23.55	33	PASS
				RB1#49	21.85	23.51	33	PASS
				RB25#0	21.02	22.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.89	22.55	33	PASS
				RB25#25	20.54	22.2	33	PASS
				RB50#0	20.88	22.54	33	PASS
		15	LCH	RB1#0	21.43	23.09	33	PASS
				RB1#38	21.98	23.64	33	PASS
				RB1#74	22.13	23.79	33	PASS
				RB38#0	20.74	22.4	33	PASS
				RB38#19	20.95	22.61	33	PASS
				RB38#39	20.74	22.4	33	PASS
				RB75#0	20.85	22.51	33	PASS
			MCH	RB1#0	22.25	23.91	33	PASS
				RB1#38	22.12	23.78	33	PASS
				RB1#74	21.88	23.54	33	PASS
				RB38#0	21.03	22.69	33	PASS
				RB38#19	21.03	22.69	33	PASS
				RB38#39	20.72	22.38	33	PASS
				RB75#0	20.84	22.5	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.07	23.73	33	PASS
				RB1#38	22.09	23.75	33	PASS
				RB1#74	21.49	23.15	33	PASS
				RB38#0	21.08	22.74	33	PASS
				RB38#19	21.17	22.83	33	PASS
				RB38#39	20.86	22.52	33	PASS
				RB75#0	21.05	22.71	33	PASS
		20	LCH	RB1#0	21.43	23.09	33	PASS
				RB1#50	22.1	23.76	33	PASS
				RB1#99	22.43	24.09	33	PASS
				RB50#0	20.65	22.31	33	PASS
				RB50#25	20.79	22.45	33	PASS
				RB50#50	20.8	22.46	33	PASS
				RB100#0	20.92	22.58	33	PASS
			MCH	RB1#0	22.29	23.95	33	PASS
				RB1#50	22.14	23.8	33	PASS
				RB1#99	21.94	23.6	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.04	22.7	33	PASS
				RB50#25	21.01	22.67	33	PASS
				RB50#50	20.6	22.26	33	PASS
				RB100#0	20.89	22.55	33	PASS
			HCH	RB1#0	22.06	23.72	33	PASS
				RB1#50	22.26	23.92	33	PASS
				RB1#99	21.61	23.27	33	PASS
				RB50#0	20.97	22.63	33	PASS
	LTE/TM2	1.4	LCH	RB50#25	20.91	22.57	33	PASS
				RB50#50	20.81	22.47	33	PASS
				RB100#0	21.08	22.74	33	PASS
				RB1#0	20.52	22.18	33	PASS
				RB1#3	20.65	22.31	33	PASS
				RB1#5	20.58	22.24	33	PASS
				RB3#0	20.62	22.28	33	PASS
				RB3#2	20.5	22.16	33	PASS
				RB3#3	20.62	22.28	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.55	22.21	33	PASS
			MCH	RB1#0	21.11	22.77	33	PASS
				RB1#3	21.1	22.76	33	PASS
				RB1#5	20.96	22.62	33	PASS
				RB3#0	21.06	22.72	33	PASS
				RB3#2	21.02	22.68	33	PASS
				RB3#3	20.97	22.63	33	PASS
				RB6#0	20.98	22.64	33	PASS
			HCH	RB1#0	20.57	22.23	33	PASS
				RB1#3	20.36	22.02	33	PASS
				RB1#5	20.5	22.16	33	PASS
				RB3#0	20.56	22.22	33	PASS
				RB3#2	20.51	22.17	33	PASS
				RB3#3	20.56	22.22	33	PASS
				RB6#0	20.49	22.15	33	PASS
		3	LCH	RB1#0	20.4	22.06	33	PASS
				RB1#7	20.79	22.45	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	20.51	22.17	33	PASS
				RB8#0	20.57	22.23	33	PASS
				RB8#4	20.67	22.33	33	PASS
				RB8#7	20.65	22.31	33	PASS
				RB15#0	20.52	22.18	33	PASS
			MCH	RB1#0	21.02	22.68	33	PASS
				RB1#7	21.09	22.75	33	PASS
				RB1#14	20.73	22.39	33	PASS
				RB8#0	21.05	22.71	33	PASS
				RB8#4	20.99	22.65	33	PASS
				RB8#7	20.88	22.54	33	PASS
				RB15#0	20.84	22.5	33	PASS
			HCH	RB1#0	20.71	22.37	33	PASS
				RB1#7	20.91	22.57	33	PASS
				RB1#14	20.4	22.06	33	PASS
				RB8#0	20.59	22.25	33	PASS
				RB8#4	20.58	22.24	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.46	22.12	33	PASS
				RB15#0	20.47	22.13	33	PASS
		5	LCH	RB1#0	21.01	22.67	33	PASS
				RB1#13	21.56	23.22	33	PASS
				RB1#24	21.14	22.8	33	PASS
				RB12#0	20.95	22.61	33	PASS
				RB12#6	21.04	22.7	33	PASS
				RB12#13	20.92	22.58	33	PASS
				RB25#0	20.92	22.58	33	PASS
			MCH	RB1#0	21.55	23.21	33	PASS
				RB1#13	21.65	23.31	33	PASS
				RB1#24	21.1	22.76	33	PASS
				RB12#0	21.36	23.02	33	PASS
				RB12#6	21.34	23	33	PASS
				RB12#13	21.06	22.72	33	PASS
				RB25#0	21.2	22.86	33	PASS
			HCH	RB1#0	21.29	22.95	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.18	22.84	33	PASS
				RB1#24	20.76	22.42	33	PASS
				RB12#0	21	22.66	33	PASS
				RB12#6	20.98	22.64	33	PASS
				RB12#13	20.81	22.47	33	PASS
				RB25#0	20.95	22.61	33	PASS
		10	LCH	RB1#0	20.54	22.2	33	PASS
				RB1#25	21.1	22.76	33	PASS
				RB1#49	21.44	23.1	33	PASS
				RB25#0	20.64	22.3	33	PASS
				RB25#13	20.84	22.5	33	PASS
				RB25#25	20.77	22.43	33	PASS
				RB50#0	20.6	22.26	33	PASS
			MCH	RB1#0	21.09	22.75	33	PASS
				RB1#25	21.17	22.83	33	PASS
				RB1#49	21.22	22.88	33	PASS
				RB25#0	21.04	22.7	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.99	22.65	33	PASS
				RB25#25	20.78	22.44	33	PASS
				RB50#0	20.89	22.55	33	PASS
			HCH	RB1#0	21.11	22.77	33	PASS
				RB1#25	21.08	22.74	33	PASS
				RB1#49	20.98	22.64	33	PASS
				RB25#0	20.94	22.6	33	PASS
				RB25#13	20.82	22.48	33	PASS
				RB25#25	20.5	22.16	33	PASS
				RB50#0	20.74	22.4	33	PASS
		15	LCH	RB1#0	20.6	22.26	33	PASS
				RB1#38	21.24	22.9	33	PASS
				RB1#74	21.38	23.04	33	PASS
				RB38#0	20.65	22.31	33	PASS
				RB38#19	20.92	22.58	33	PASS
				RB38#39	20.71	22.37	33	PASS
				RB75#0	20.78	22.44	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.39	23.05	33	PASS
				RB1#38	21.36	23.02	33	PASS
				RB1#74	21.11	22.77	33	PASS
				RB38#0	21.02	22.68	33	PASS
				RB38#19	21.01	22.67	33	PASS
				RB38#39	20.72	22.38	33	PASS
				RB75#0	20.81	22.47	33	PASS
			HCH	RB1#0	21.36	23.02	33	PASS
				RB1#38	21.37	23.03	33	PASS
				RB1#74	20.74	22.4	33	PASS
				RB38#0	21.02	22.68	33	PASS
				RB38#19	21.09	22.75	33	PASS
				RB38#39	20.82	22.48	33	PASS
				RB75#0	21.05	22.71	33	PASS
		20	LCH	RB1#0	20.61	22.27	33	PASS
				RB1#50	21.33	22.99	33	PASS
				RB1#99	21.6	23.26	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.61	22.27	33	PASS
				RB50#25	20.69	22.35	33	PASS
				RB50#50	20.71	22.37	33	PASS
				RB100#0	20.84	22.5	33	PASS
			MCH	RB1#0	21.41	23.07	33	PASS
				RB1#50	21.2	22.86	33	PASS
				RB1#99	21.03	22.69	33	PASS
				RB50#0	20.94	22.6	33	PASS
				RB50#25	20.9	22.56	33	PASS
				RB50#50	20.5	22.16	33	PASS
				RB100#0	20.81	22.47	33	PASS
			HCH	RB1#0	21.3	22.96	33	PASS
				RB1#50	21.51	23.17	33	PASS
				RB1#99	20.81	22.47	33	PASS
				RB50#0	20.88	22.54	33	PASS
				RB50#25	20.87	22.53	33	PASS
				RB50#50	20.77	22.43	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.02	22.68	33	PASS

Note1:

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

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

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

b, SGP=Signal Generator Level

Note2:

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

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

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

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

Detector:RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND25	LTE/TM1	1.4	LCH	RB1#0	3.99	13	PASS
				RB1#3	4.18	13	PASS
				RB1#5	3.97	13	PASS
				RB3#0	4.56	13	PASS
				RB3#2	4.43	13	PASS
				RB3#3	4.52	13	PASS
				RB6#0	5.49	13	PASS
			MCH	RB1#0	4.57	13	PASS
				RB1#3	4.66	13	PASS
				RB1#5	4.58	13	PASS
				RB3#0	4.96	13	PASS
				RB3#2	4.94	13	PASS
				RB3#3	5.07	13	PASS
				RB6#0	5.75	13	PASS
			HCH	RB1#0	3.95	13	PASS
				RB1#3	3.82	13	PASS
				RB1#5	3.87	13	PASS
				RB3#0	4.34	13	PASS
				RB3#2	4.18	13	PASS
				RB3#3	4.19	13	PASS
			3	LCH	RB6#0	5.24	13
		RB1#0			4.09	13	PASS
		RB1#7			3.64	13	PASS
		RB1#14			4.13	13	PASS
		RB8#0			5.31	13	PASS
		RB8#4			5.26	13	PASS
		RB8#7			5.38	13	PASS
		RB15#0		5.4	13	PASS	
		MCH		RB1#0	4.23	13	PASS
			RB1#7	4.12	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.36	13	PASS
				RB8#0	5.7	13	PASS
				RB8#4	5.72	13	PASS
				RB8#7	5.64	13	PASS
				RB15#0	5.53	13	PASS
			HCH	RB1#0	4.03	13	PASS
				RB1#7	3.66	13	PASS
				RB1#14	3.77	13	PASS
				RB8#0	5.33	13	PASS
				RB8#4	5.19	13	PASS
				RB8#7	5.08	13	PASS
				RB15#0	5.42	13	PASS
		5	LCH	RB1#0	4.11	13	PASS
				RB1#13	4.01	13	PASS
				RB1#24	4.3	13	PASS
				RB12#0	5.12	13	PASS
				RB12#6	5.06	13	PASS
				RB12#13	5.35	13	PASS
				RB25#0	5.63	13	PASS
			MCH	RB1#0	4.48	13	PASS
				RB1#13	4.45	13	PASS
				RB1#24	4.83	13	PASS
				RB12#0	5.42	13	PASS
				RB12#6	5.39	13	PASS
				RB12#13	5.52	13	PASS
				RB25#0	5.86	13	PASS
			HCH	RB1#0	4.2	13	PASS
				RB1#13	3.97	13	PASS
				RB1#24	3.89	13	PASS
				RB12#0	5.36	13	PASS
				RB12#6	5.11	13	PASS
				RB12#13	5.05	13	PASS
				RB25#0	5.42	13	PASS
		10	LCH	RB1#0	4.18	13	PASS
				RB1#25	4.19	13	PASS
				RB1#49	4.29	13	PASS
				RB25#0	5.36	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.89	13	PASS
				RB1#0	4.46	13	PASS
			MCH	RB1#25	4.41	13	PASS
				RB1#49	4.48	13	PASS
				RB25#0	5.86	13	PASS
				RB25#13	5.92	13	PASS
				RB25#25	6	13	PASS
				RB50#0	6.04	13	PASS
			HCH	RB1#0	4.35	13	PASS
				RB1#25	4.27	13	PASS
				RB1#49	3.86	13	PASS
				RB25#0	5.65	13	PASS
				RB25#13	5.58	13	PASS
				RB25#25	5.45	13	PASS
				RB50#0	5.87	13	PASS
		15	LCH	RB1#0	4.28	13	PASS
				RB1#38	4.27	13	PASS
				RB1#74	4.56	13	PASS
				RB38#0	5.6	13	PASS
				RB38#19	5.67	13	PASS
				RB38#39	6.04	13	PASS
				RB75#0	6.11	13	PASS
			MCH	RB1#0	4.33	13	PASS
				RB1#38	4.38	13	PASS
				RB1#74	4.68	13	PASS
				RB38#0	5.87	13	PASS
				RB38#19	5.86	13	PASS
				RB38#39	6.03	13	PASS
				RB75#0	6.25	13	PASS
			HCH	RB1#0	4.34	13	PASS
				RB1#38	4.14	13	PASS
				RB1#74	4.12	13	PASS
				RB38#0	5.72	13	PASS
				RB38#19	5.51	13	PASS
				RB38#39	5.47	13	PASS
				RB75#0	5.94	13	PASS
		20	LCH	RB1#0	4.06	13	PASS
				RB1#50	4.33	13	PASS
				RB1#99	4.36	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.68	13	PASS
				RB50#25	5.89	13	PASS
				RB50#50	5.91	13	PASS
				RB100#0	6	13	PASS
			MCH	RB1#0	4.23	13	PASS
				RB1#50	4.44	13	PASS
				RB1#99	4.73	13	PASS
				RB50#0	5.9	13	PASS
				RB50#25	5.9	13	PASS
				RB50#50	6.14	13	PASS
				RB100#0	6.26	13	PASS
			HCH	RB1#0	4.9	13	PASS
				RB1#50	4.28	13	PASS
				RB1#99	4.15	13	PASS
				RB50#0	5.96	13	PASS
				RB50#25	5.69	13	PASS
				RB50#50	5.62	13	PASS
				RB100#0	5.87	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.74	13	PASS
				RB1#3	5.04	13	PASS
				RB1#5	4.92	13	PASS
				RB3#0	5.47	13	PASS
				RB3#2	5.33	13	PASS
				RB3#3	5.34	13	PASS
				RB6#0	5.94	13	PASS
			MCH	RB1#0	5.25	13	PASS
				RB1#3	5.57	13	PASS
				RB1#5	5.41	13	PASS
				RB3#0	5.64	13	PASS
				RB3#2	5.99	13	PASS
				RB3#3	5.64	13	PASS
				RB6#0	6.09	13	PASS
			HCH	RB1#0	5	13	PASS
				RB1#3	5.14	13	PASS
				RB1#5	4.61	13	PASS
				RB3#0	4.98	13	PASS
				RB3#2	5.05	13	PASS
				RB3#3	5	13	PASS
				RB6#0	5.49	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.78	13	PASS
				RB1#7	4.85	13	PASS
				RB1#14	5.06	13	PASS
				RB8#0	5.44	13	PASS
				RB8#4	5.39	13	PASS
				RB8#7	5.5	13	PASS
				RB15#0	6.13	13	PASS
			MCH	RB1#0	5.37	13	PASS
				RB1#7	5.18	13	PASS
				RB1#14	5.35	13	PASS
				RB8#0	6.03	13	PASS
				RB8#4	6.01	13	PASS
				RB8#7	6.08	13	PASS
				RB15#0	6.32	13	PASS
			HCH	RB1#0	4.99	13	PASS
				RB1#7	4.75	13	PASS
				RB1#14	4.72	13	PASS
				RB8#0	5.59	13	PASS
				RB8#4	5.32	13	PASS
				RB8#7	5.36	13	PASS
				RB15#0	5.92	13	PASS
		5	LCH	RB1#0	5	13	PASS
				RB1#13	5.01	13	PASS
				RB1#24	5.26	13	PASS
				RB12#0	5.37	13	PASS
				RB12#6	5.28	13	PASS
				RB12#13	5.55	13	PASS
				RB25#0	6.02	13	PASS
			MCH	RB1#0	5.14	13	PASS
				RB1#13	5.26	13	PASS
				RB1#24	5.38	13	PASS
				RB12#0	5.71	13	PASS
				RB12#6	5.72	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	6.26	13	PASS
			HCH	RB1#0	4.97	13	PASS
				RB1#13	5	13	PASS
				RB1#24	4.68	13	PASS
				RB12#0	5.5	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	5.29	13	PASS
				RB12#13	5.25	13	PASS
				RB25#0	5.96	13	PASS
			LCH	RB1#0	4.93	13	PASS
				RB1#25	5.13	13	PASS
				RB1#49	5.14	13	PASS
				RB25#0	5.64	13	PASS
				RB25#13	5.67	13	PASS
				RB25#25	5.89	13	PASS
				RB50#0	6.39	13	PASS
			MCH	RB1#0	5.28	13	PASS
				RB1#25	5.26	13	PASS
				RB1#49	5.18	13	PASS
				RB25#0	6.11	13	PASS
				RB25#13	6.15	13	PASS
				RB25#25	6.31	13	PASS
				RB50#0	6.57	13	PASS
			HCH	RB1#0	5.09	13	PASS
				RB1#25	5.06	13	PASS
				RB1#49	4.59	13	PASS
				RB25#0	5.84	13	PASS
				RB25#13	5.8	13	PASS
				RB25#25	5.7	13	PASS
				RB50#0	6.28	13	PASS
		15	LCH	RB1#0	5.32	13	PASS
				RB1#38	5.25	13	PASS
				RB1#74	5.39	13	PASS
				RB38#0	5.85	13	PASS
				RB38#19	5.98	13	PASS
				RB38#39	6.34	13	PASS
				RB75#0	6.65	13	PASS
			MCH	RB1#0	5.41	13	PASS
				RB1#38	5.48	13	PASS
				RB1#74	5.44	13	PASS
				RB38#0	6.2	13	PASS
				RB38#19	6.22	13	PASS
				RB38#39	6.38	13	PASS
				RB75#0	6.73	13	PASS
			HCH	RB1#0	5.35	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	5.15	13	PASS
				RB1#74	5.1	13	PASS
				RB38#0	6	13	PASS
				RB38#19	5.74	13	PASS
				RB38#39	5.8	13	PASS
				RB75#0	6.31	13	PASS
		20	LCH	RB1#0	5.52	13	PASS
				RB1#50	4.96	13	PASS
				RB1#99	5.24	13	PASS
				RB50#0	6.01	13	PASS
				RB50#25	6.32	13	PASS
				RB50#50	6.4	13	PASS
				RB100#0	6.7	13	PASS
			MCH	RB1#0	5.2	13	PASS
				RB1#50	5.17	13	PASS
				RB1#99	5.41	13	PASS
				RB50#0	6.22	13	PASS
				RB50#25	6.29	13	PASS
				RB50#50	6.57	13	PASS
				RB100#0	6.85	13	PASS
			HCH	RB1#0	5.47	13	PASS
				RB1#50	5.08	13	PASS
				RB1#99	5.34	13	PASS
				RB50#0	6.27	13	PASS
				RB50#25	6.03	13	PASS
				RB50#50	5.94	13	PASS
				RB100#0	6.36	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

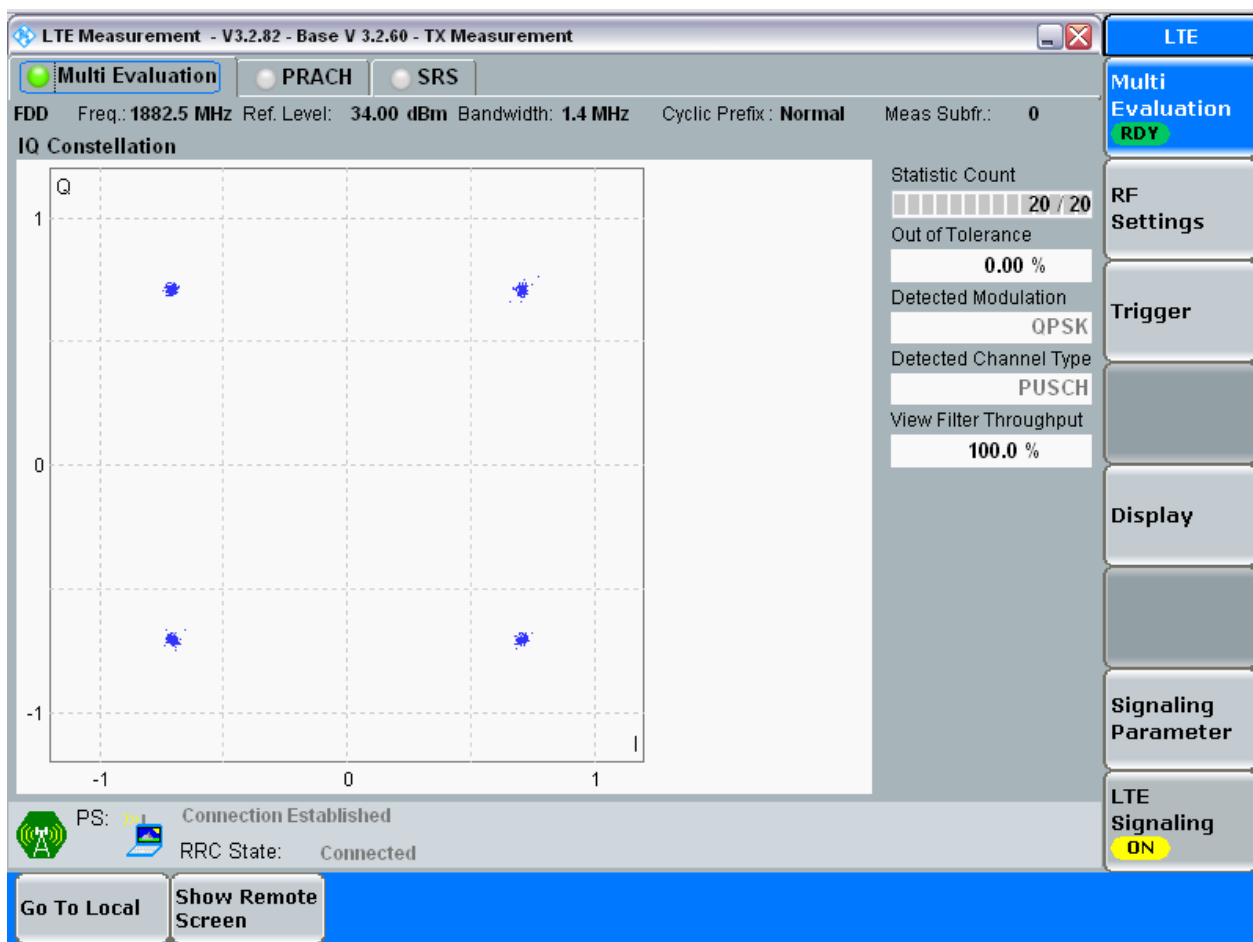
3.1.1 Test Band = BAND25

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

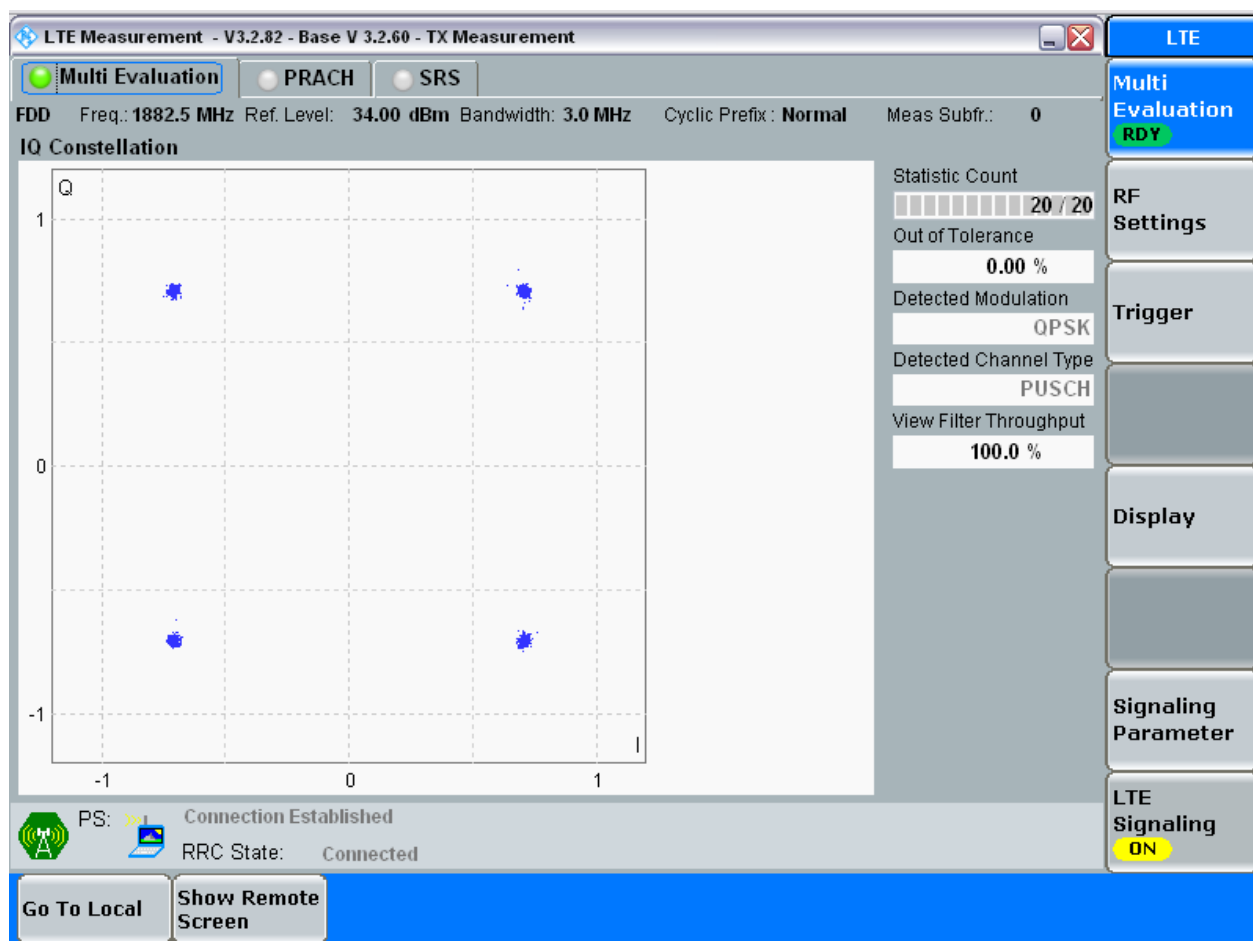
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

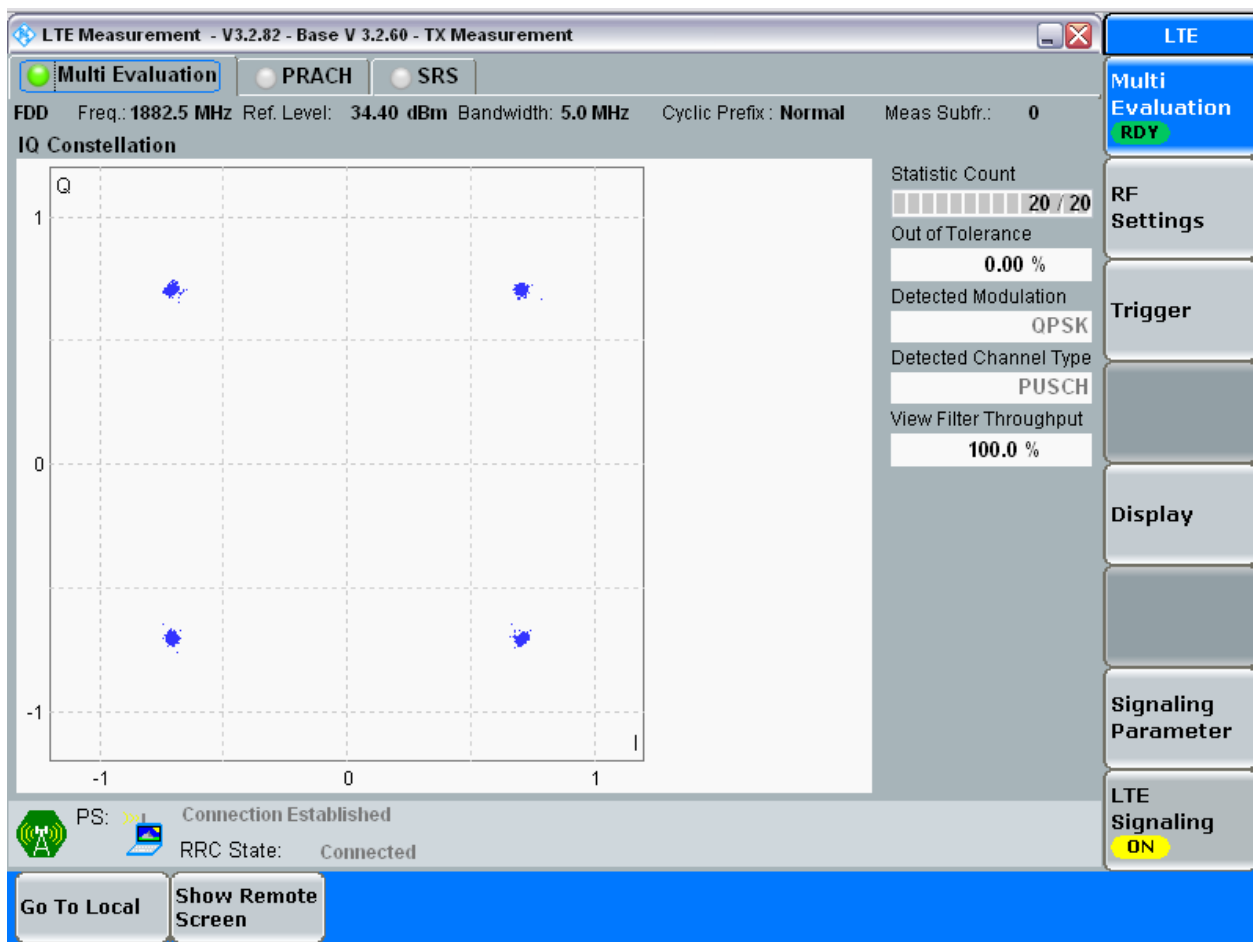
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

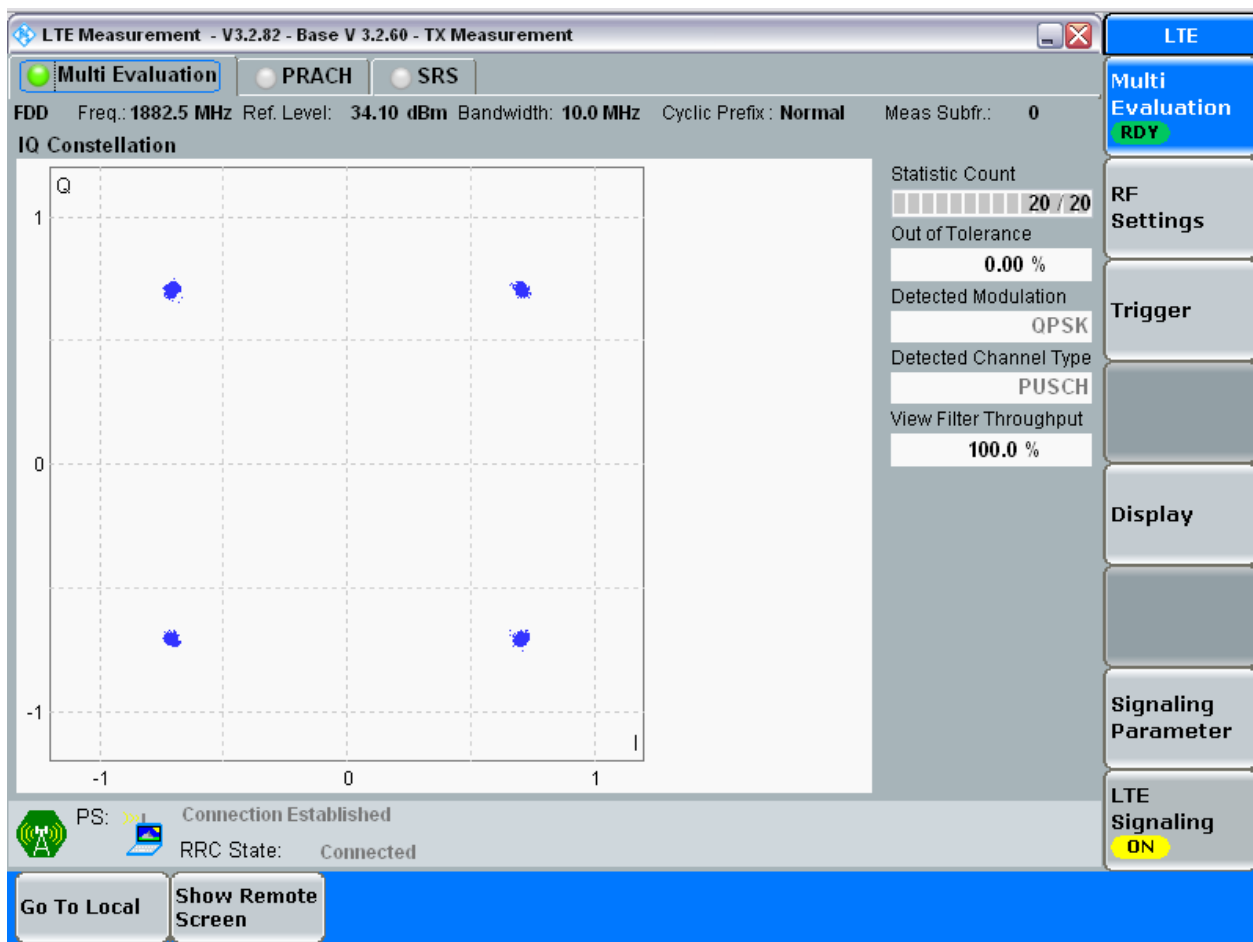
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

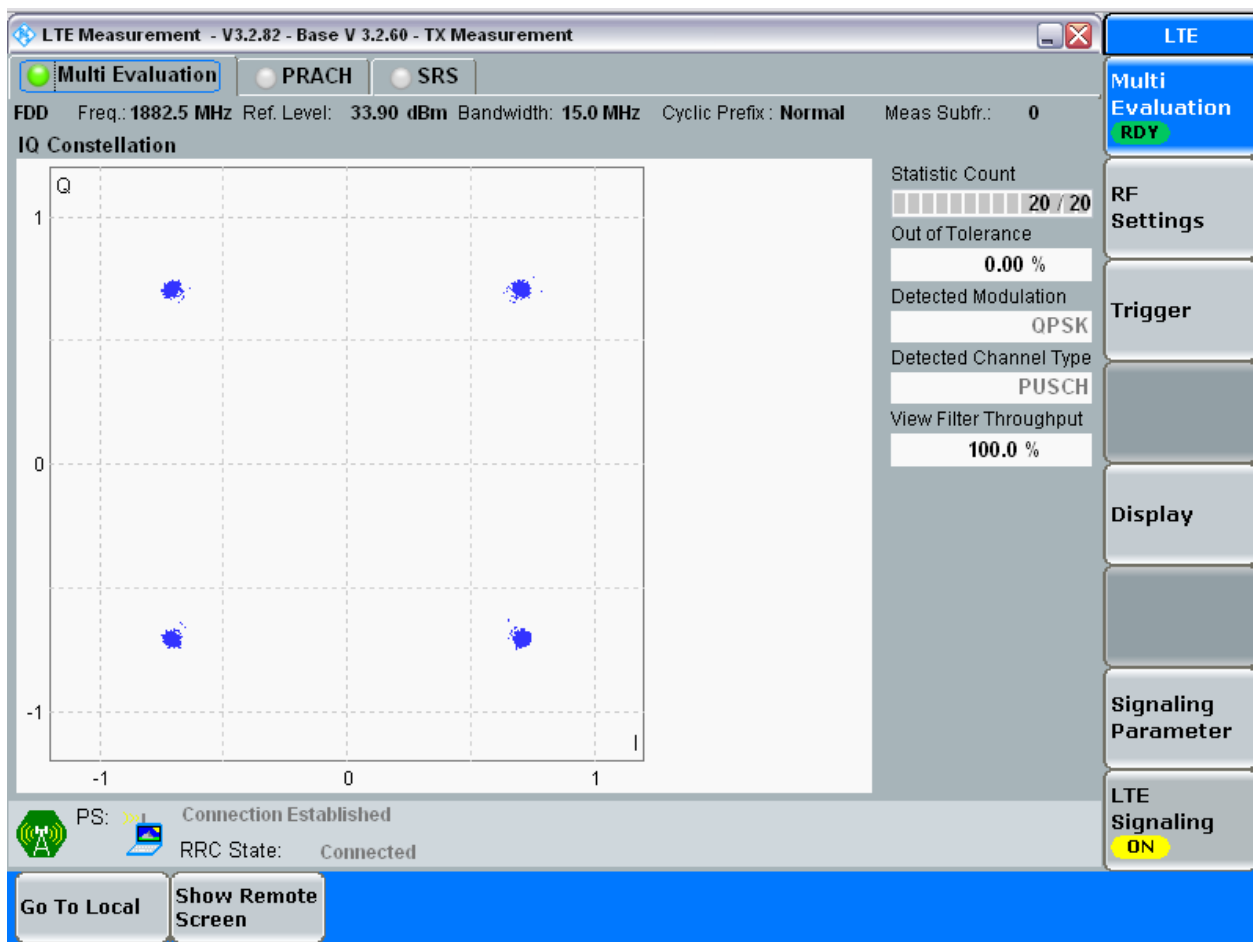
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

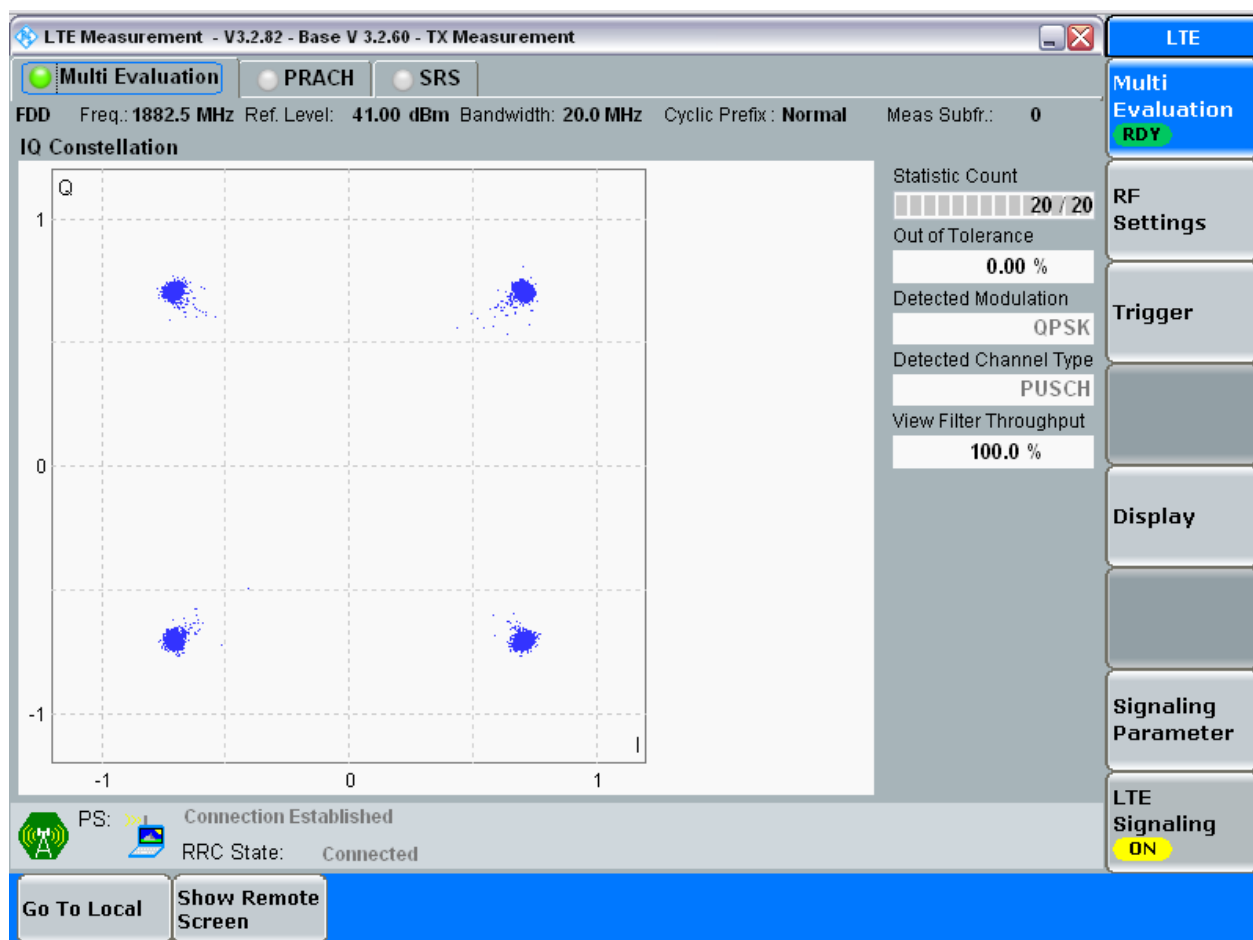
3.1.1.1.5.1 Test Channel = MCH

3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = RB100#0

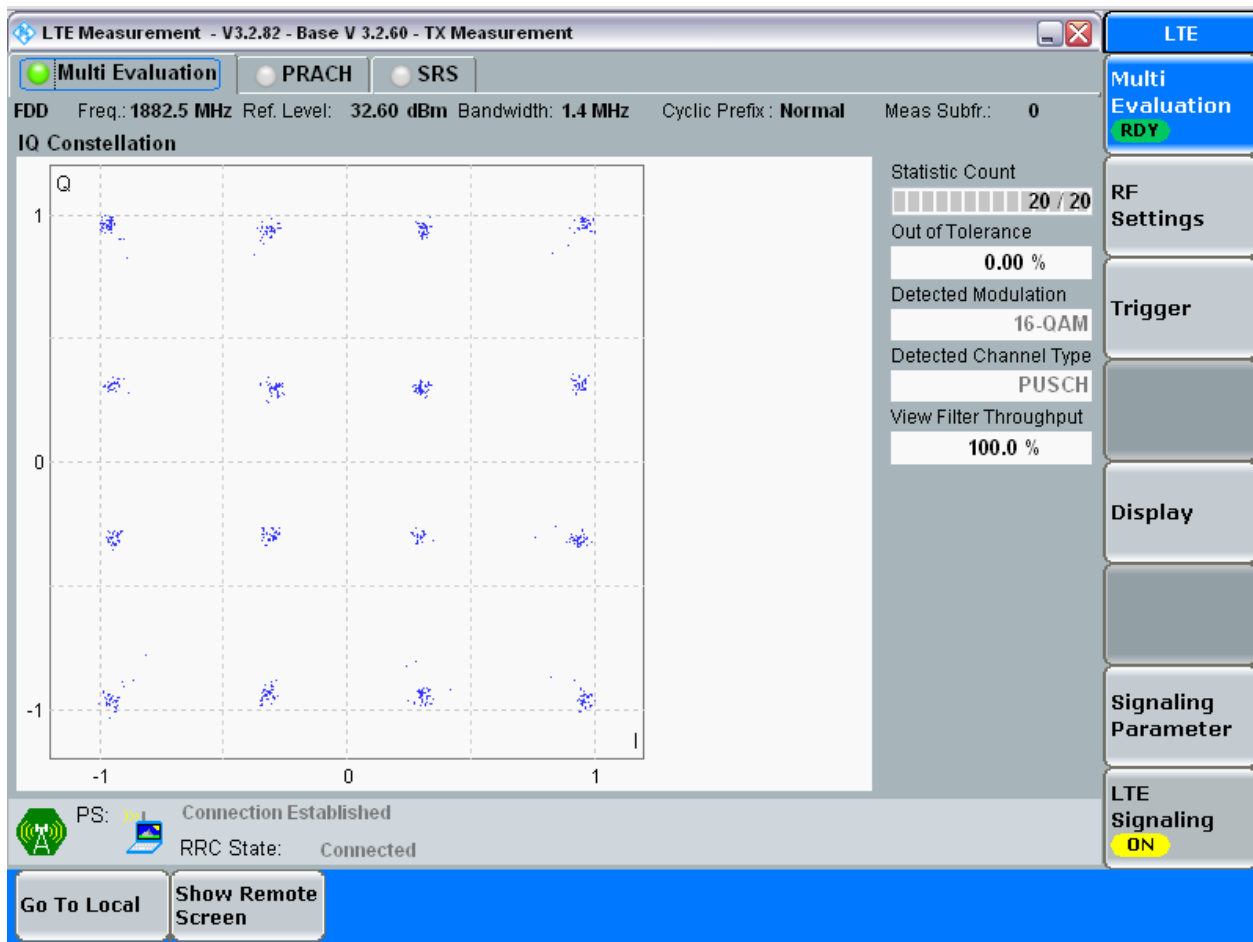


3.2.1.2 Test Mode = LTE/TM2

3.2.1.2.1 Test Bandwidth = 1.4

3.2.1.2.1.1 Test Channel = MCH

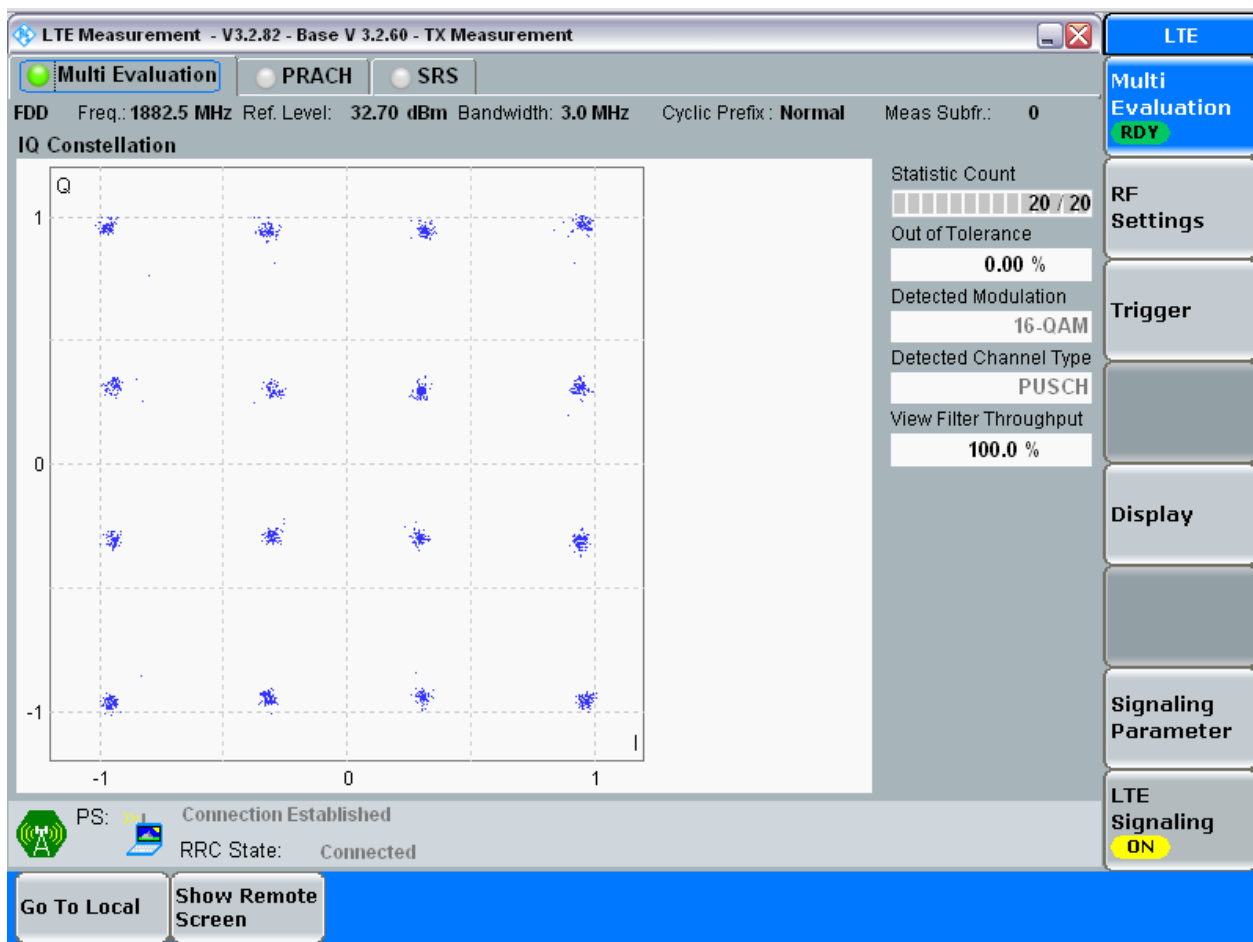
3.2.1.2.1.1.1 Test RB = RB6#0



3.2.1.2.2 Test Bandwidth = 3

3.2.1.2.2.1 Test Channel = MCH

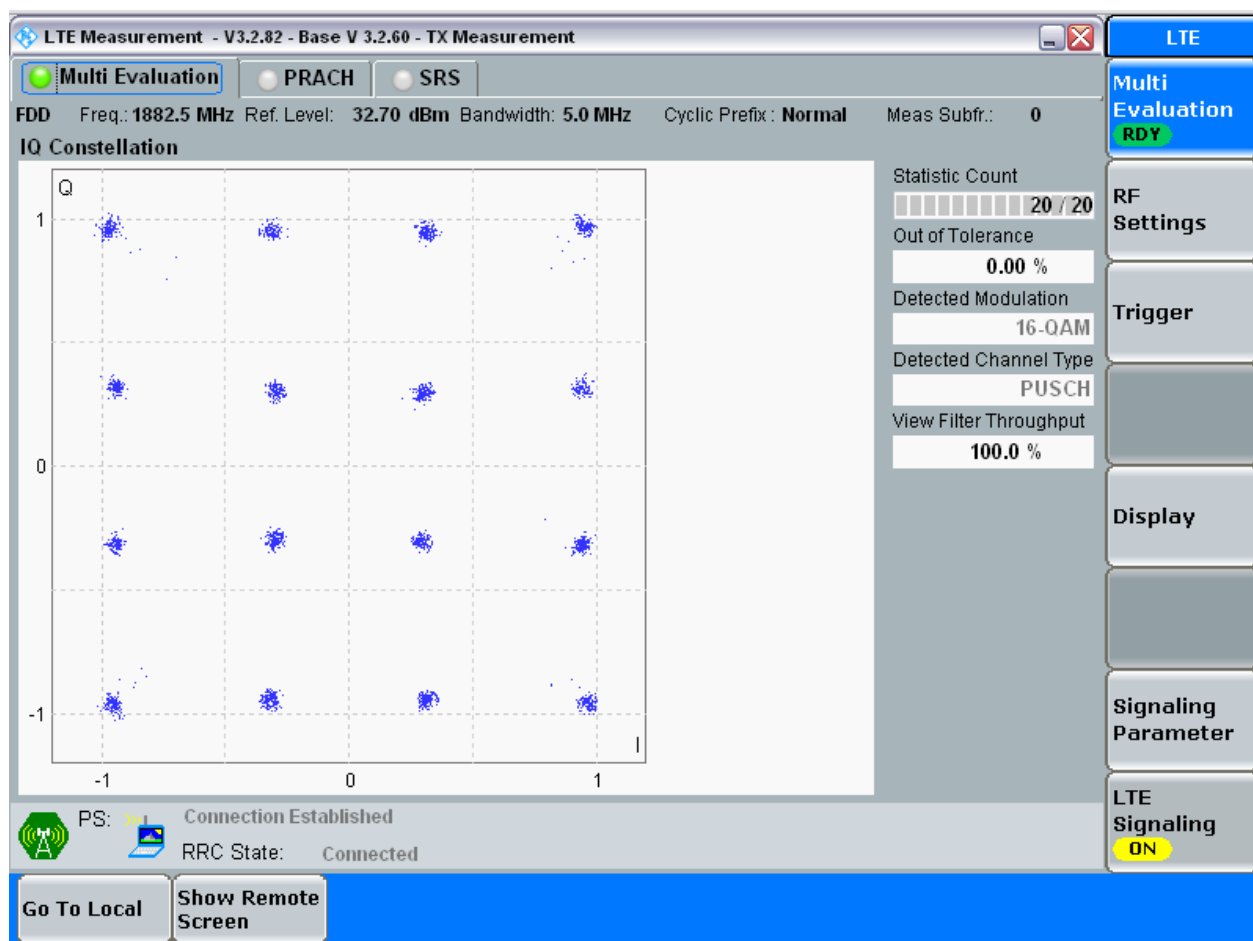
3.2.1.2.2.1.1 Test RB = RB15#0



3.2.1.2.3 Test Bandwidth = 5

3.2.1.2.3.1 Test Channel = MCH

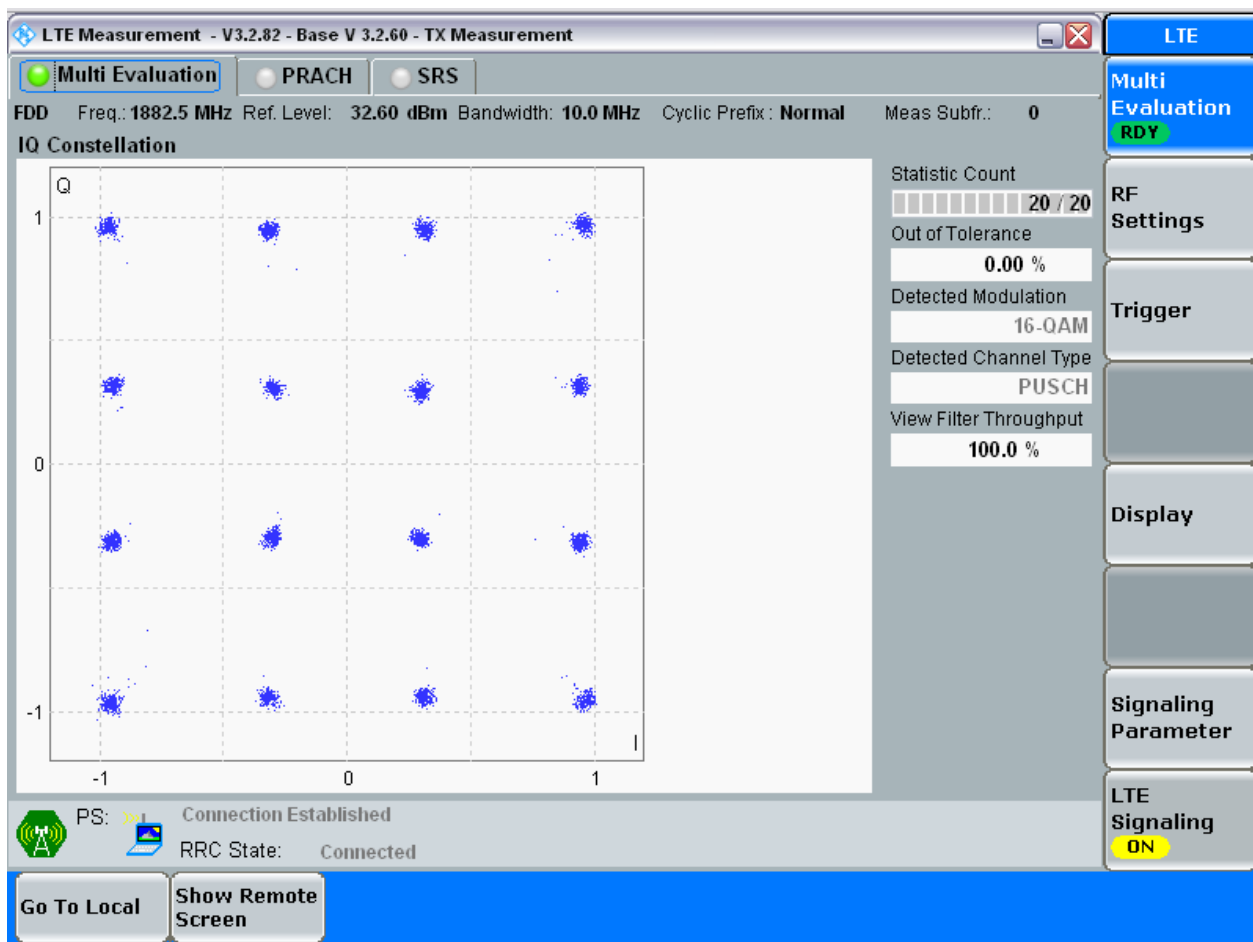
3.2.1.2.3.1.1 Test RB = RB25#0



3.2.1.2.4 Test Bandwidth = 10

3.2.1.2.4.1 Test Channel = MCH

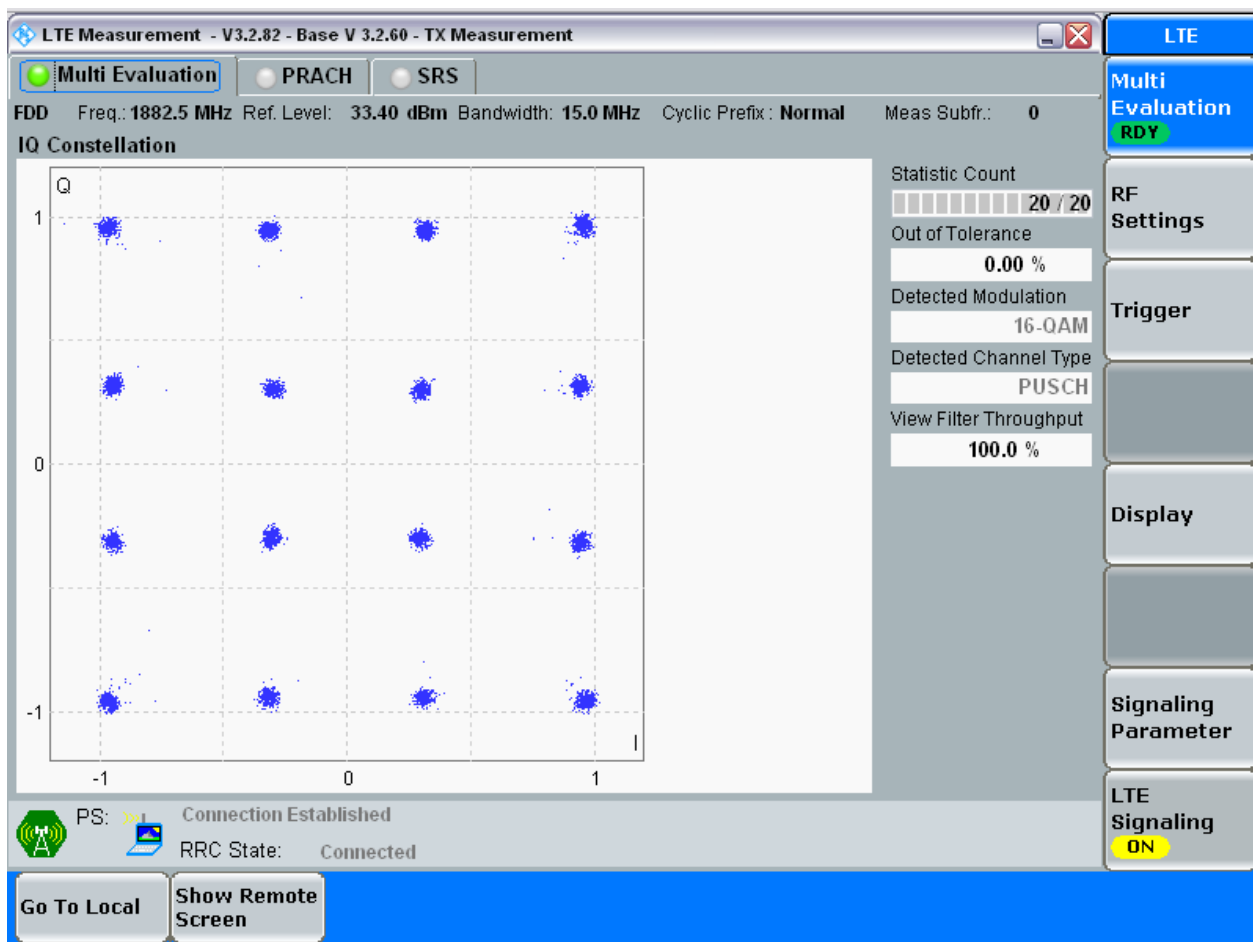
3.2.1.2.4.1.1 Test RB = RB50#0



3.2.1.2.5 Test Bandwidth = 15

3.2.1.2.5.1 Test Channel = MCH

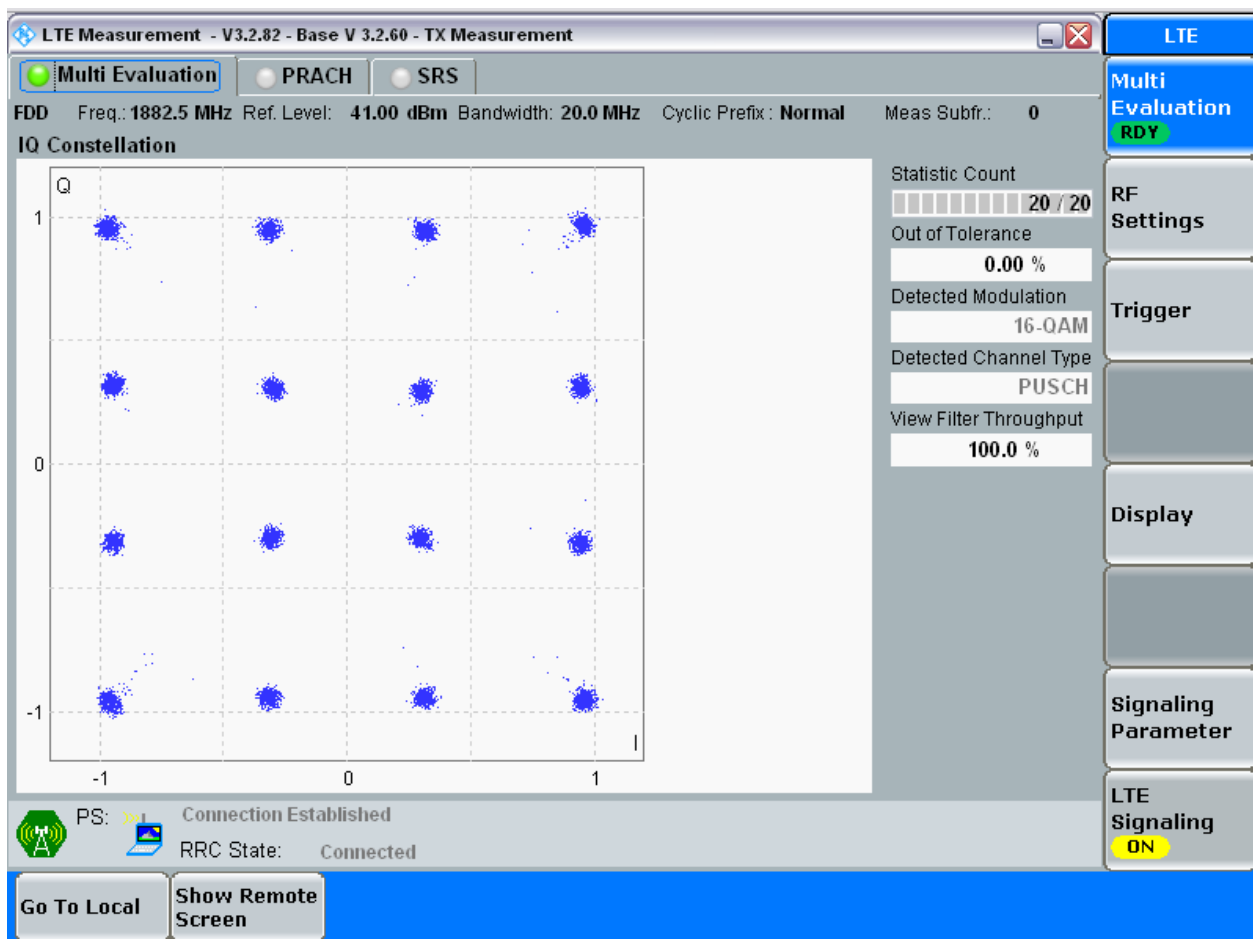
3.2.1.2.5.1.1 Test RB = RB75#0



3.2.1.2.6 Test Bandwidth = 20

3.2.1.2.6.1 Test Channel = MCH

3.2.1.2.6.1.1 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
BAND25	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.50	4.89	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.84	Pass
		10	LCH	RB50#0	8.99	9.61	Pass
			MCH	RB50#0	9.00	9.58	Pass
			HCH	RB50#0	8.98	9.57	Pass
		15	LCH	RB75#0	13.46	14.36	Pass
			MCH	RB75#0	13.47	14.33	Pass
			HCH	RB75#0	13.45	14.35	Pass
		20	LCH	RB100#0	17.95	19.08	Pass
			MCH	RB100#0	17.98	19.08	Pass
			HCH	RB100#0	17.89	18.98	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.71	2.93	Pass
			HCH	RB15#0	2.71	2.95	Pass
		5	LCH	RB25#0	4.49	4.88	Pass
			MCH	RB25#0	4.50	4.88	Pass
			HCH	RB25#0	4.50	4.85	Pass
		10	LCH	RB50#0	8.99	9.64	Pass
			MCH	RB50#0	8.99	9.59	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB50#0	8.99	9.57	Pass
		15	LCH	RB75#0	13.47	14.42	Pass
			MCH	RB75#0	13.47	14.39	Pass
			HCH	RB75#0	13.44	14.29	Pass
		20	LCH	RB100#0	17.97	19.17	Pass
			MCH	RB100#0	17.96	19.12	Pass
			HCH	RB100#0	17.90	19.02	Pass



Part II - Test Plots

4.1 For LTE

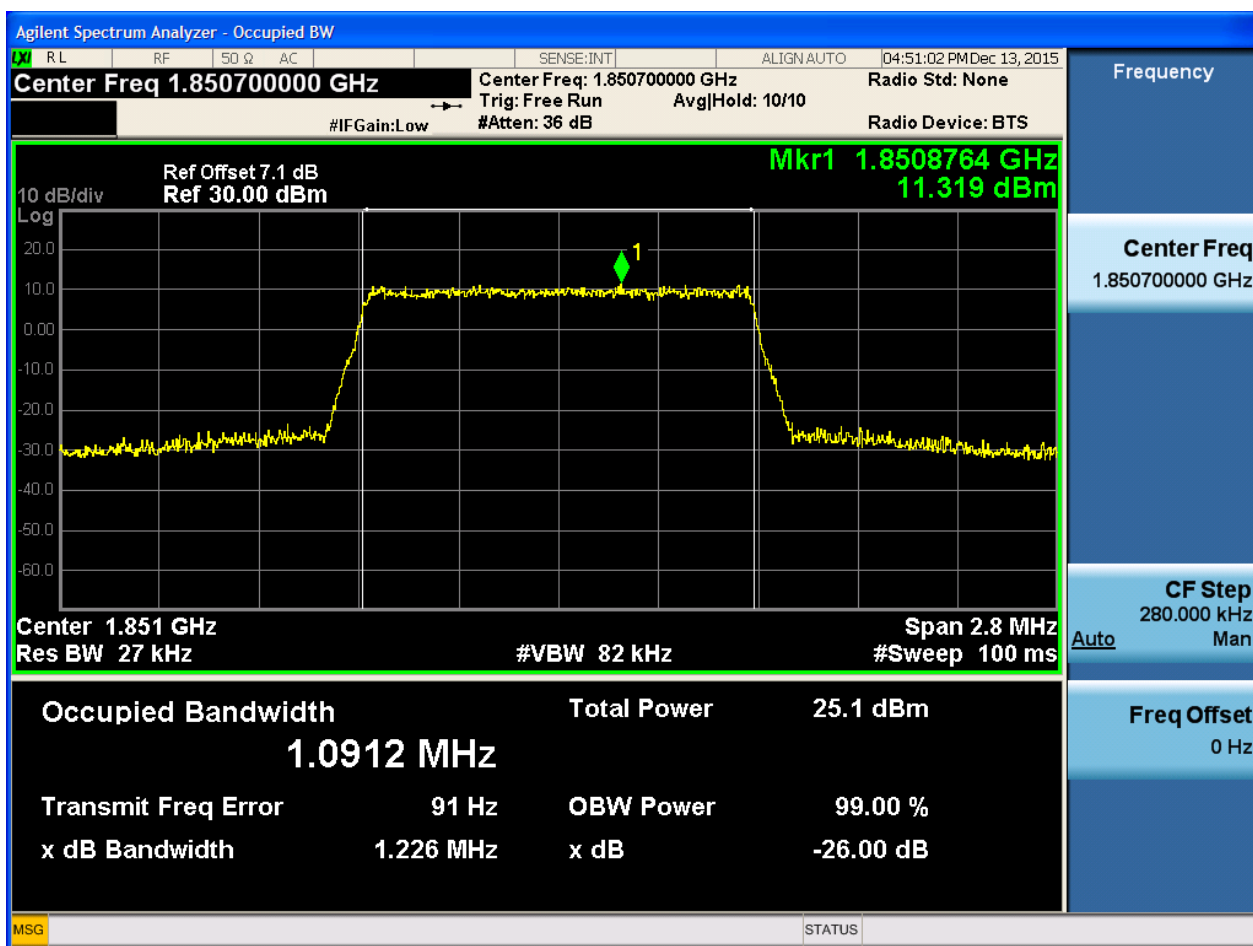
4.1.1 Test Band = BAND25

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

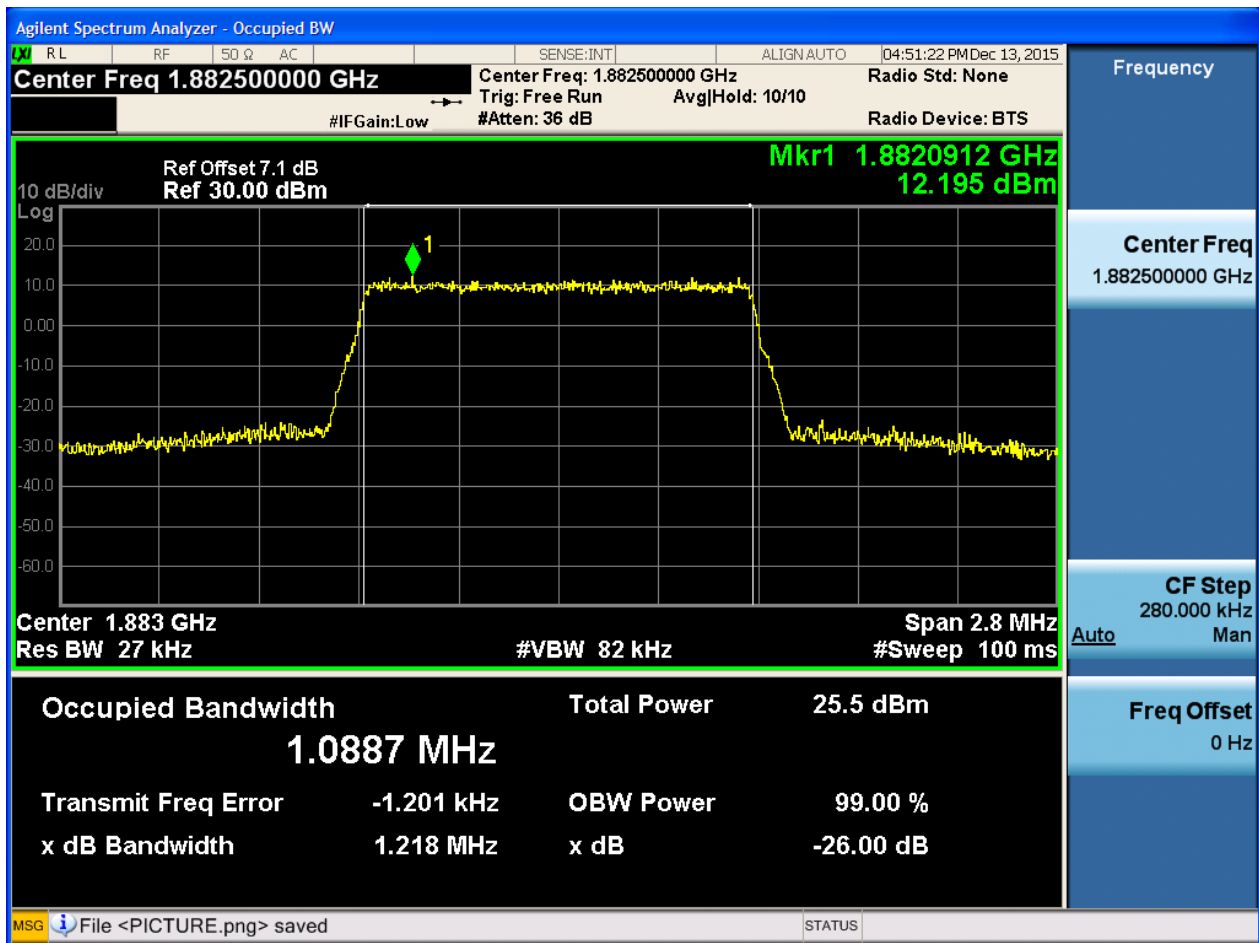
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

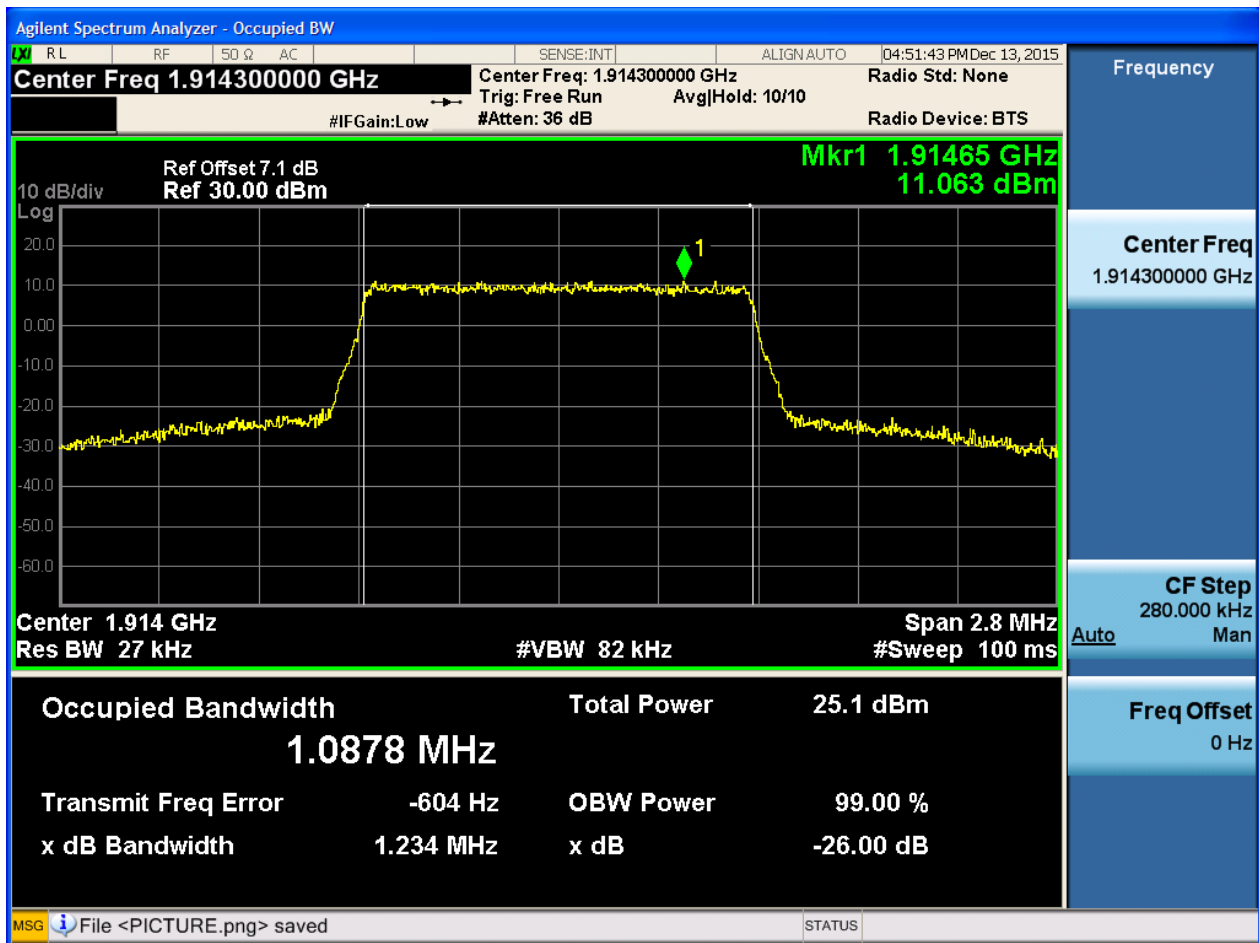
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

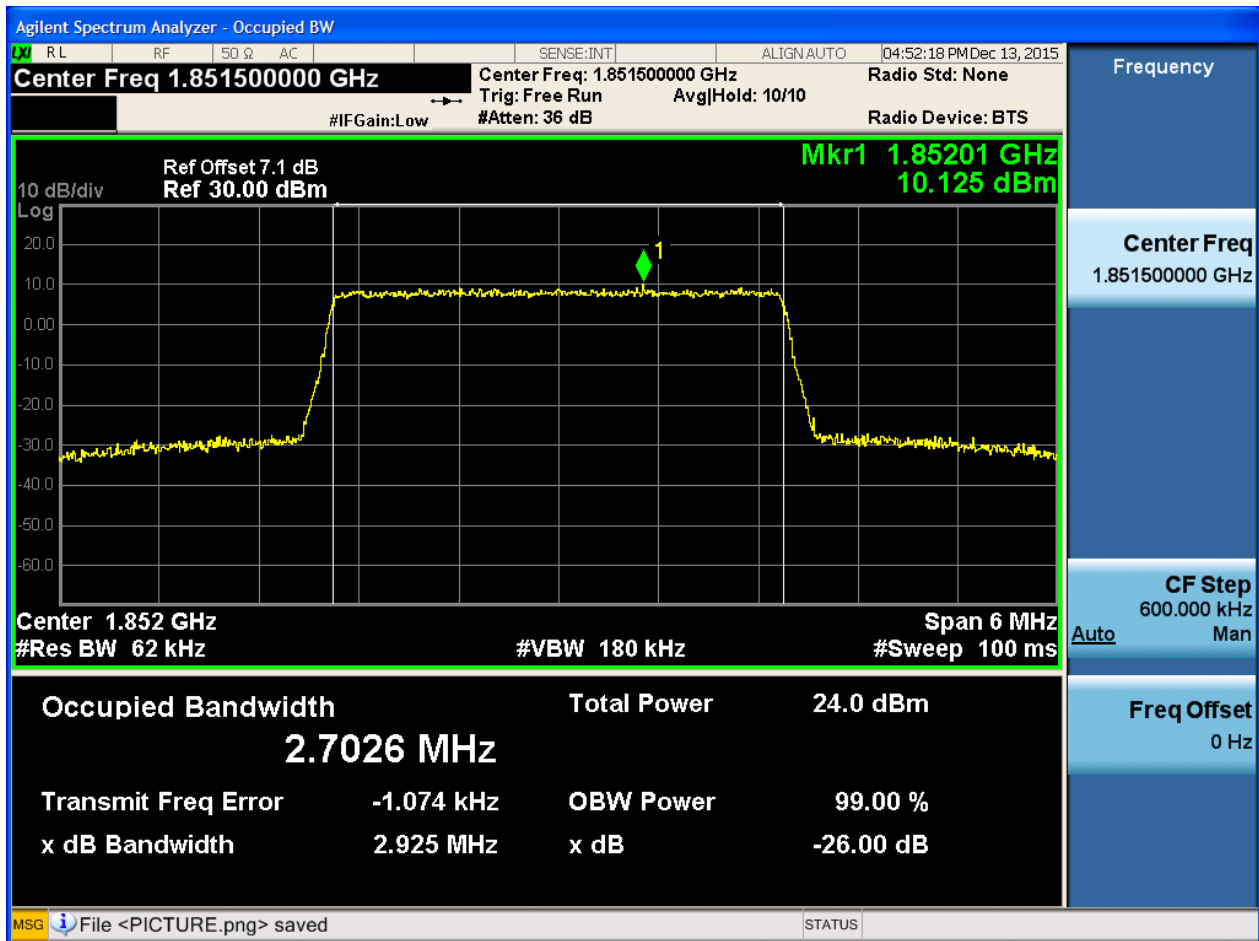




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

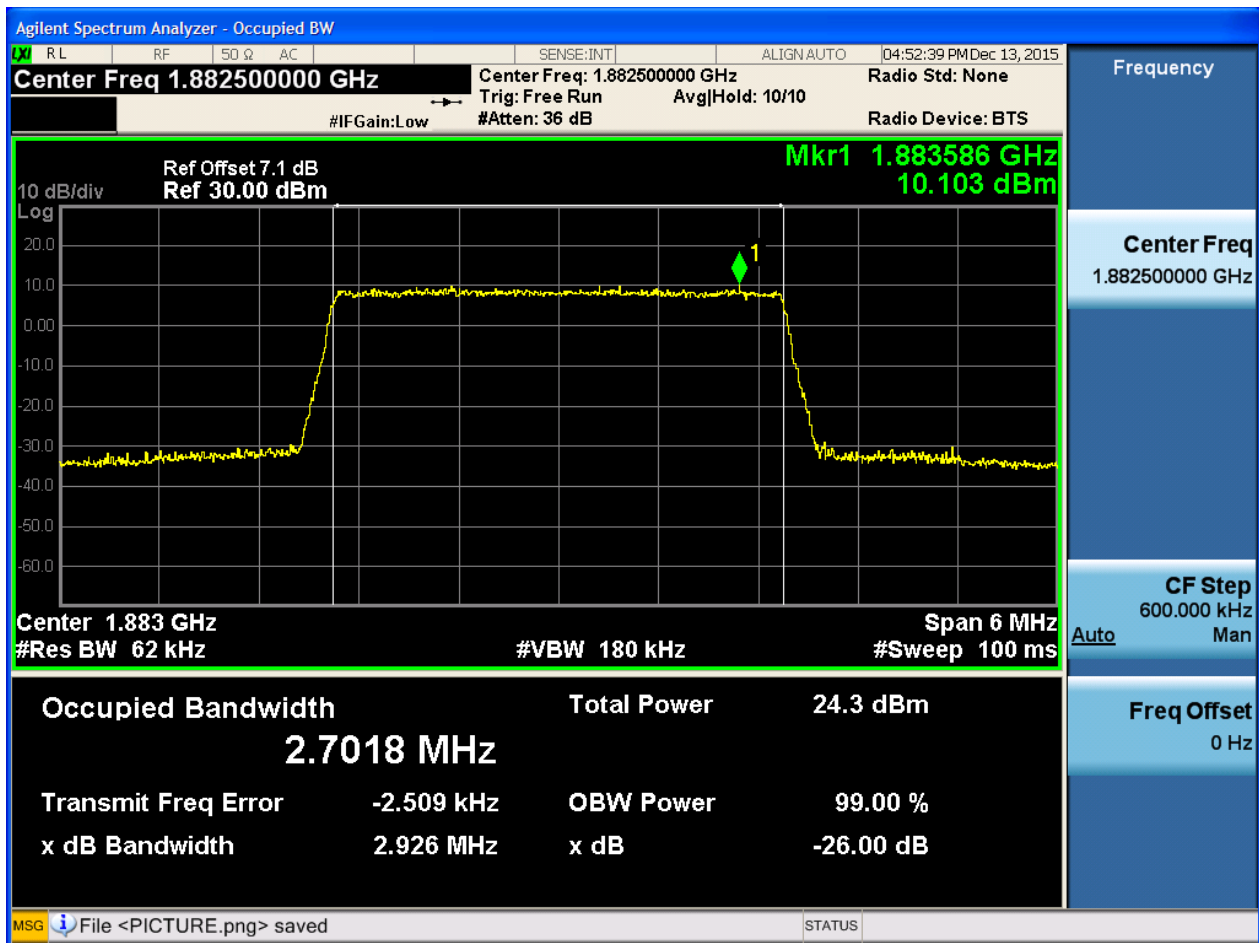
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

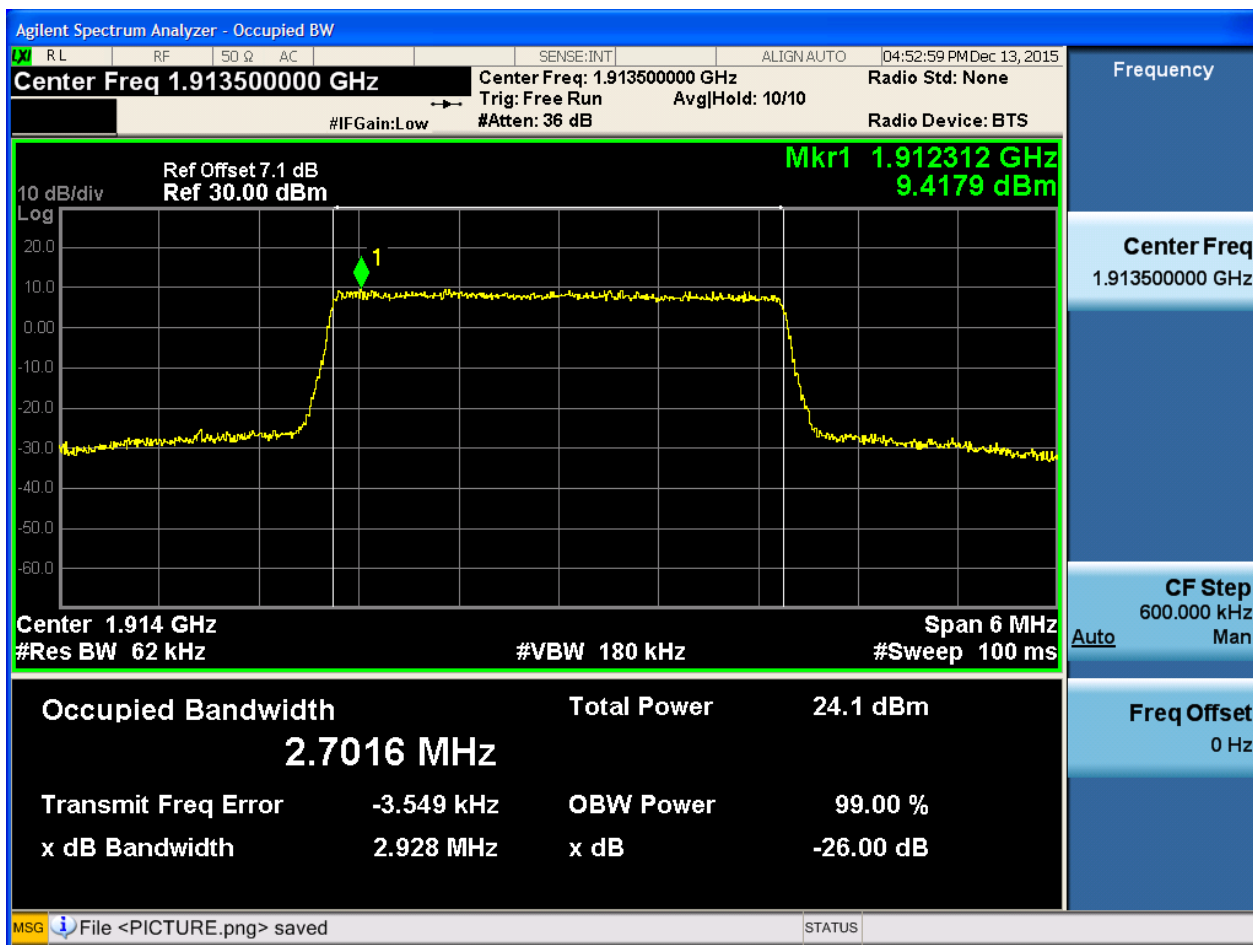
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

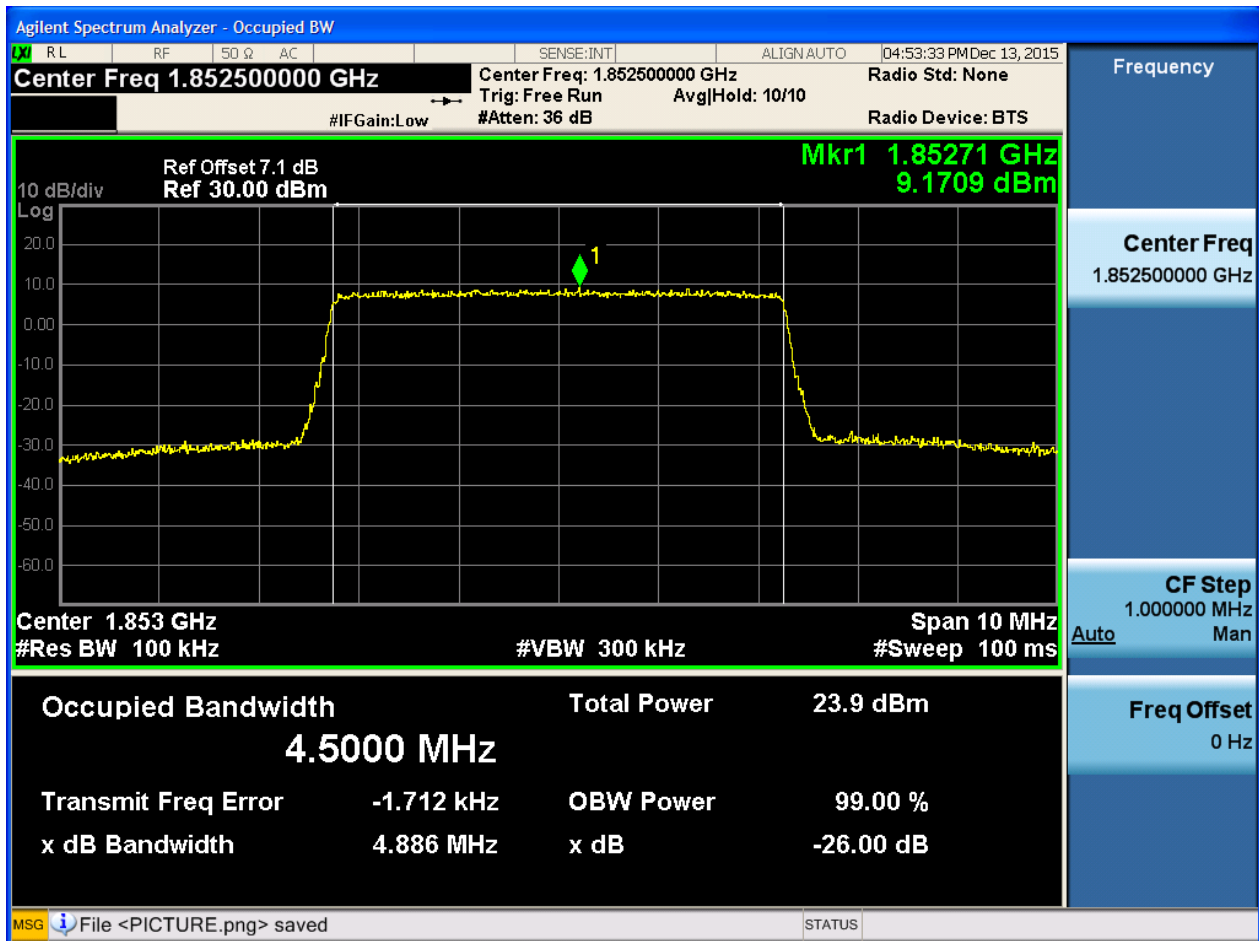




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

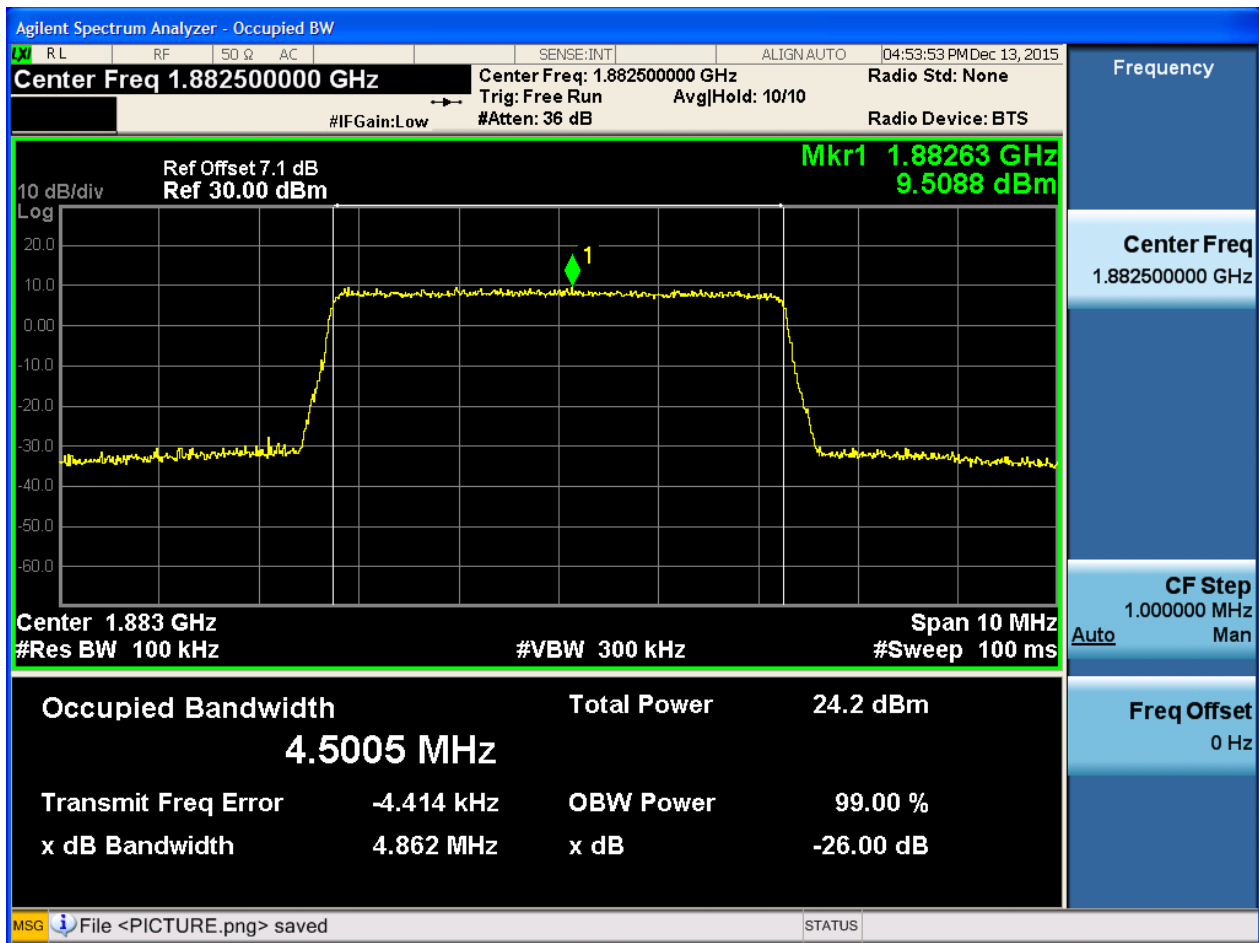
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

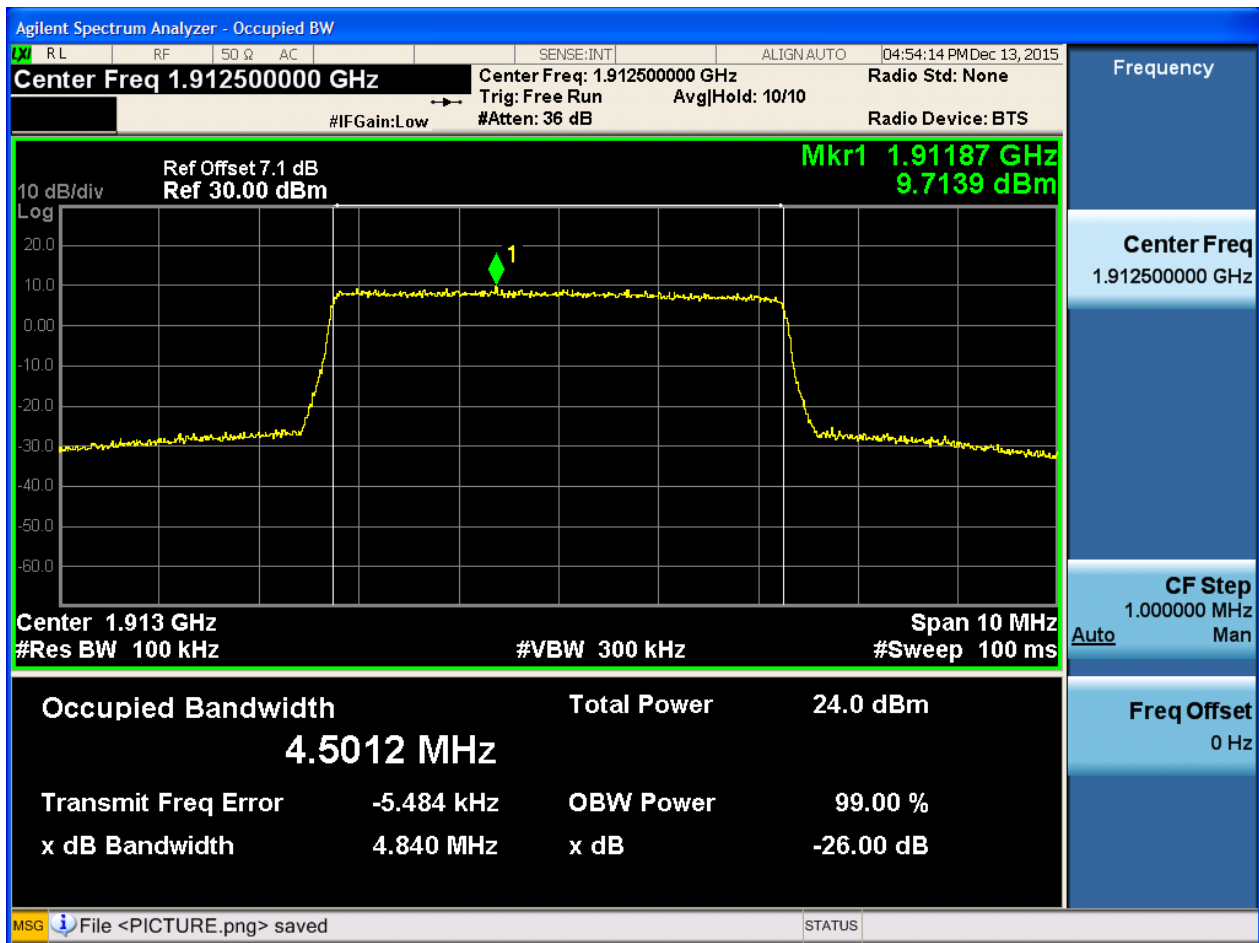
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

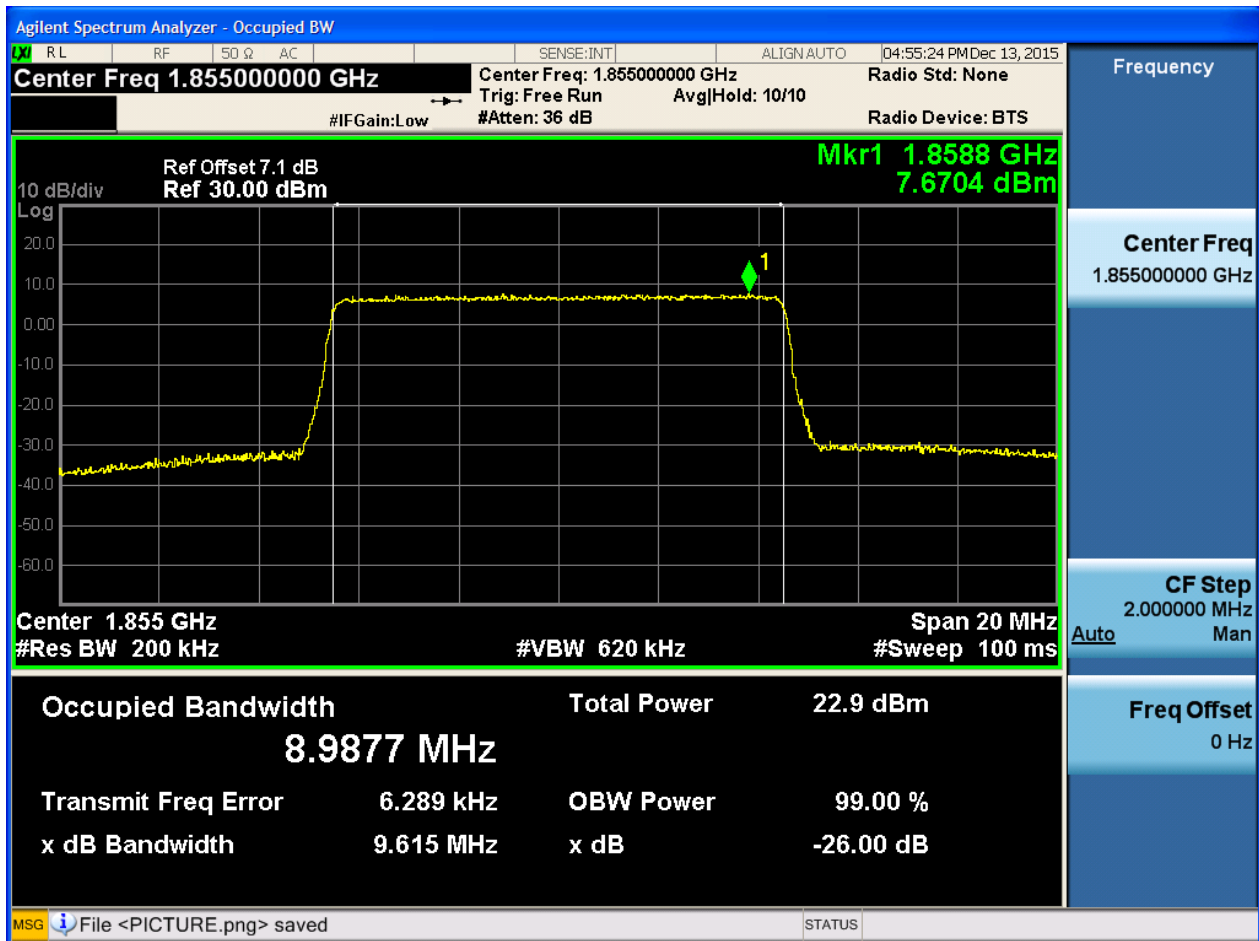




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

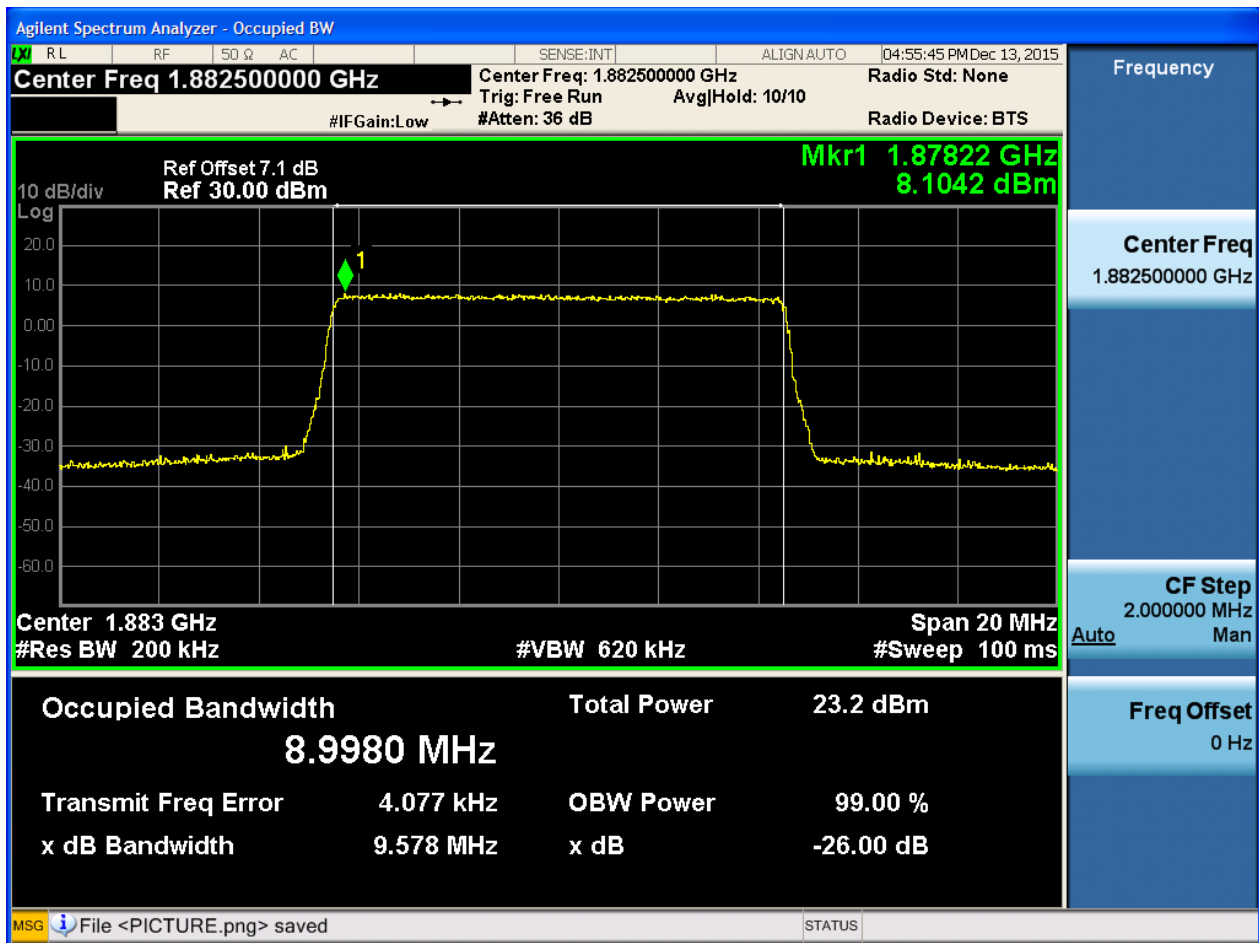
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

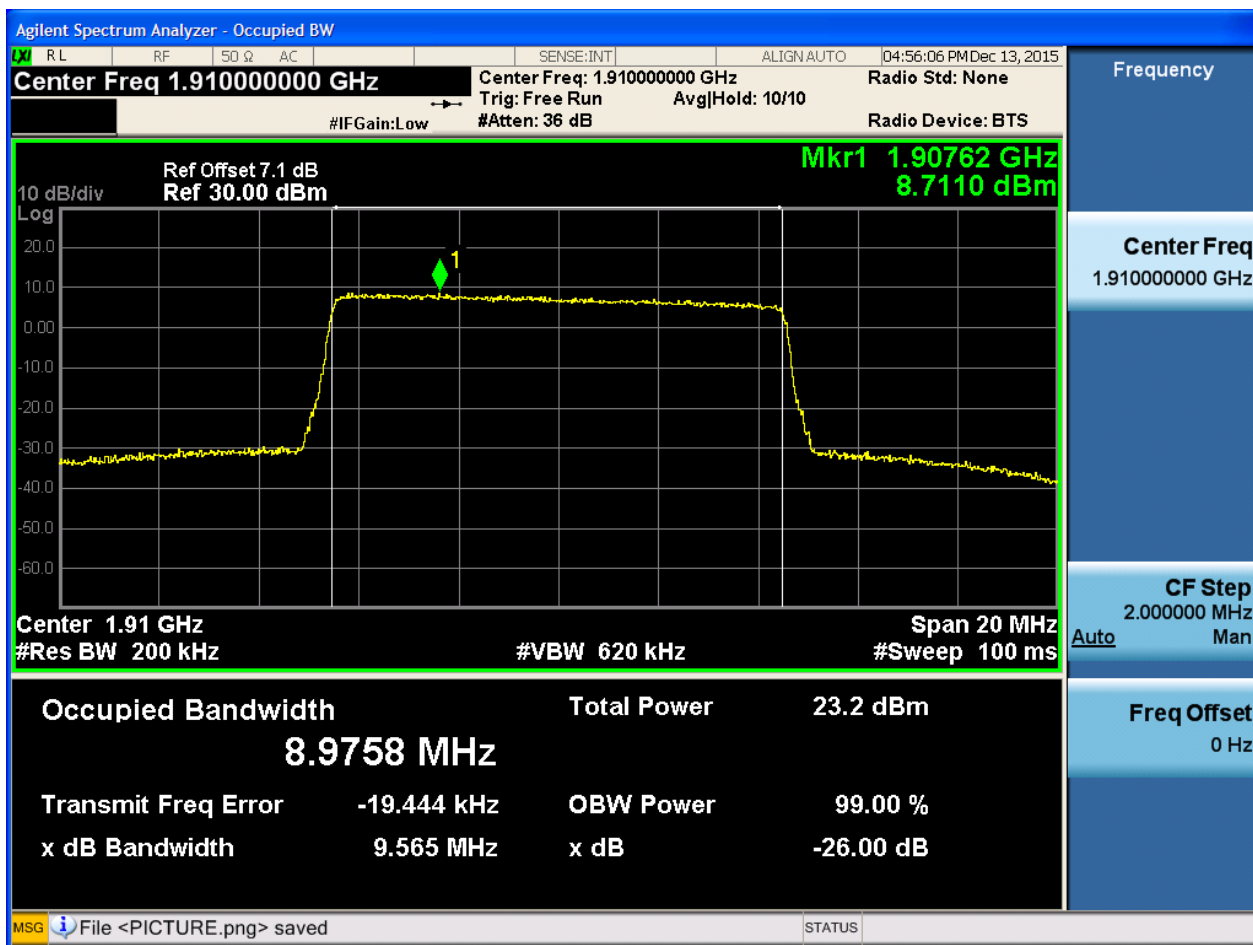
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

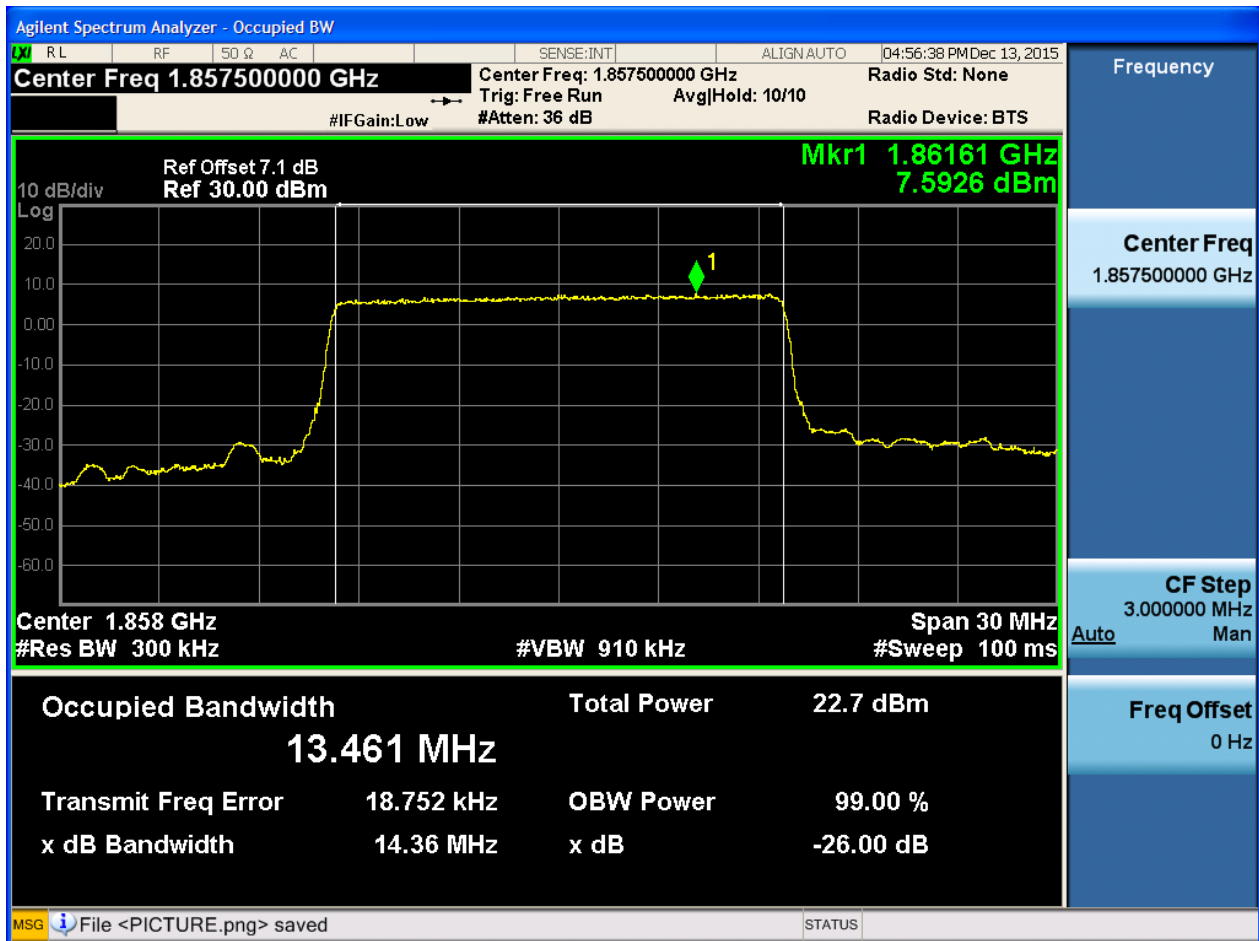




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

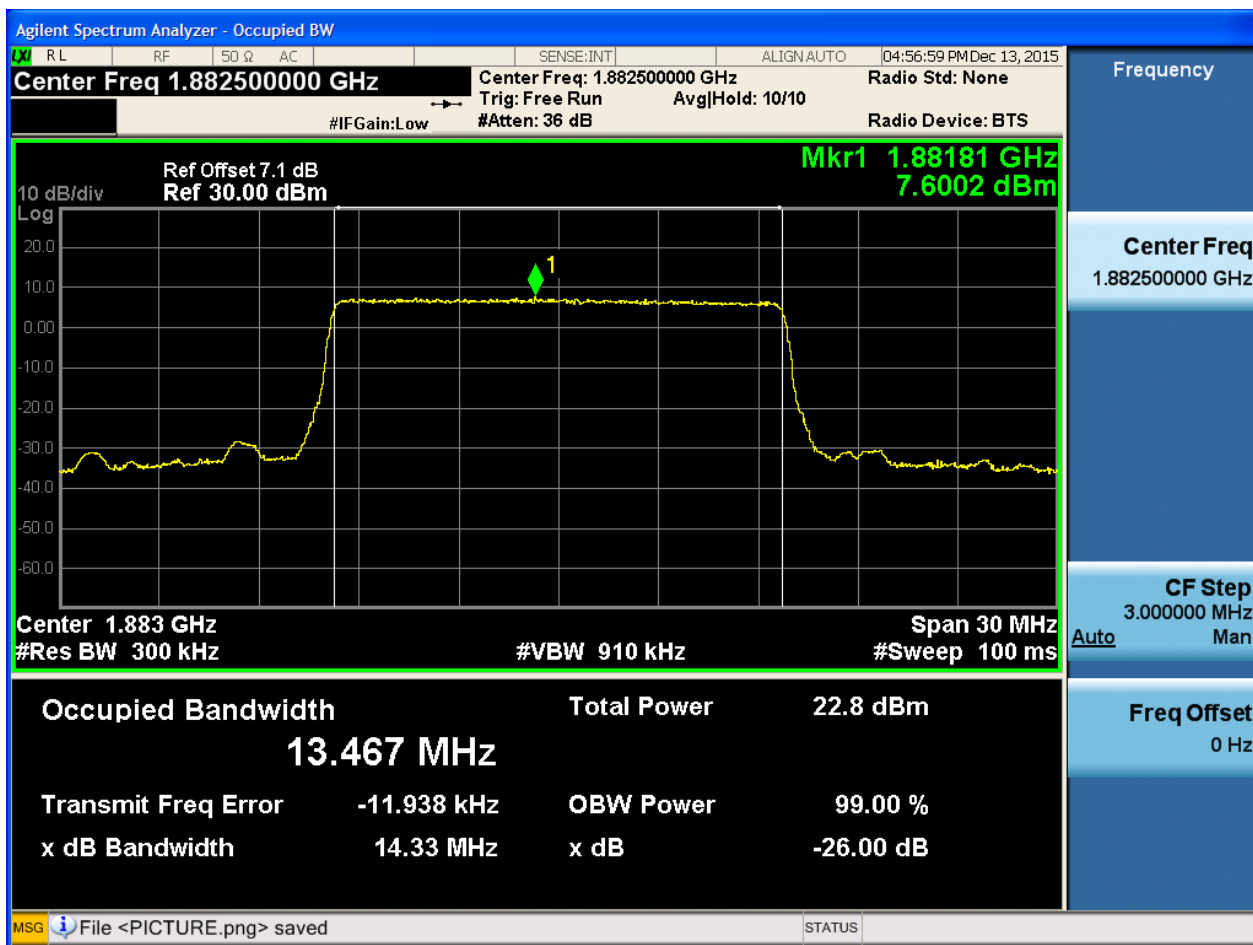
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

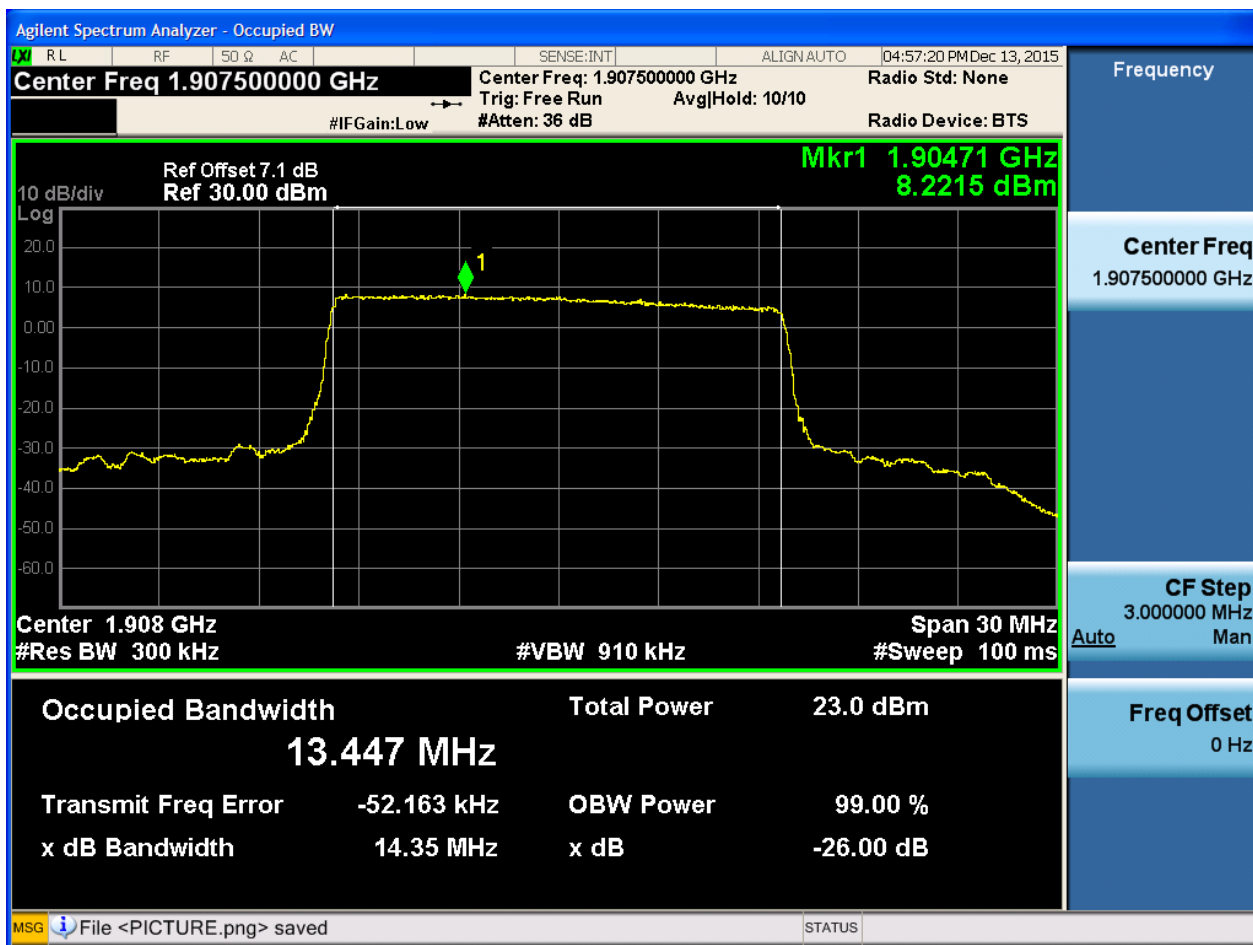
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

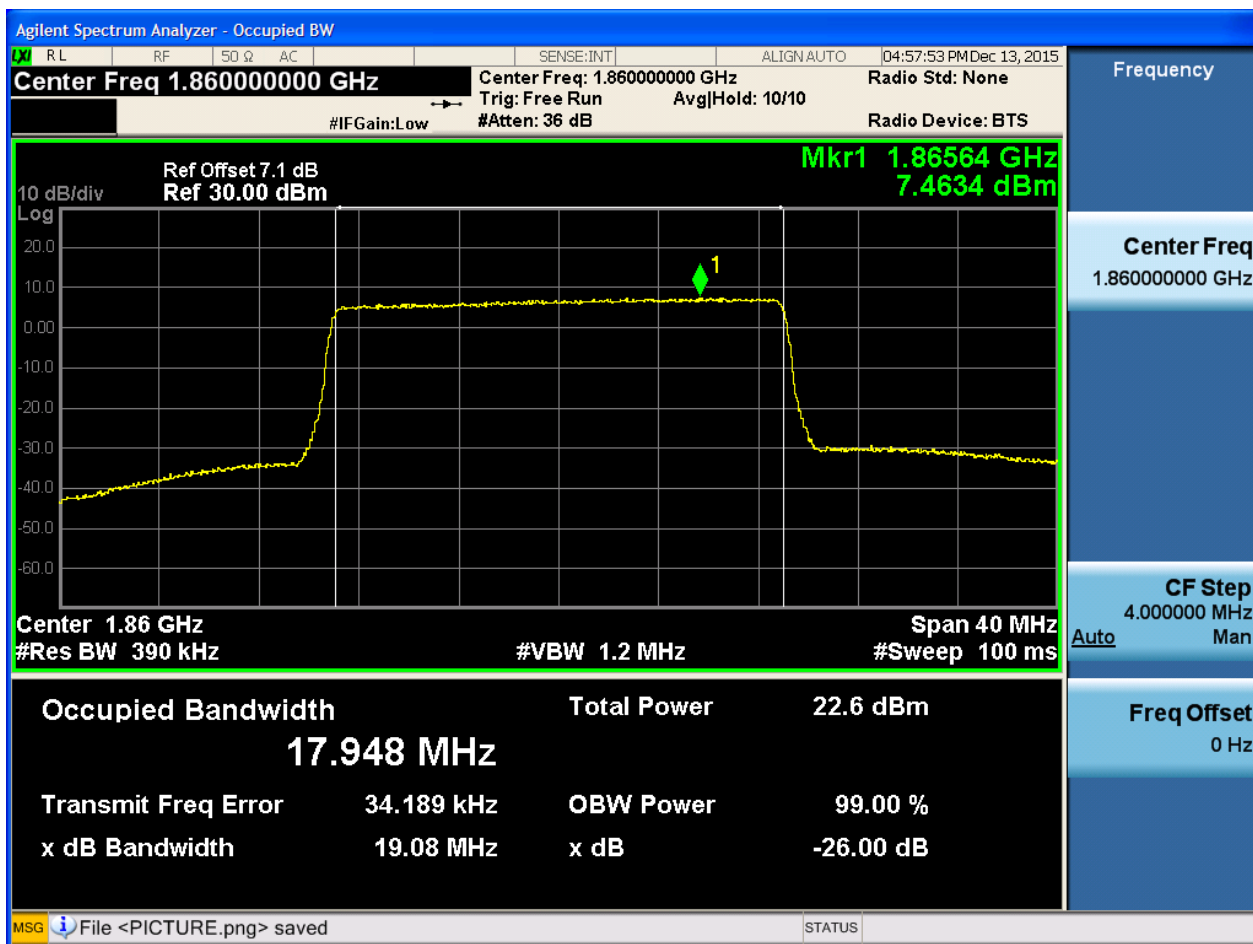




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

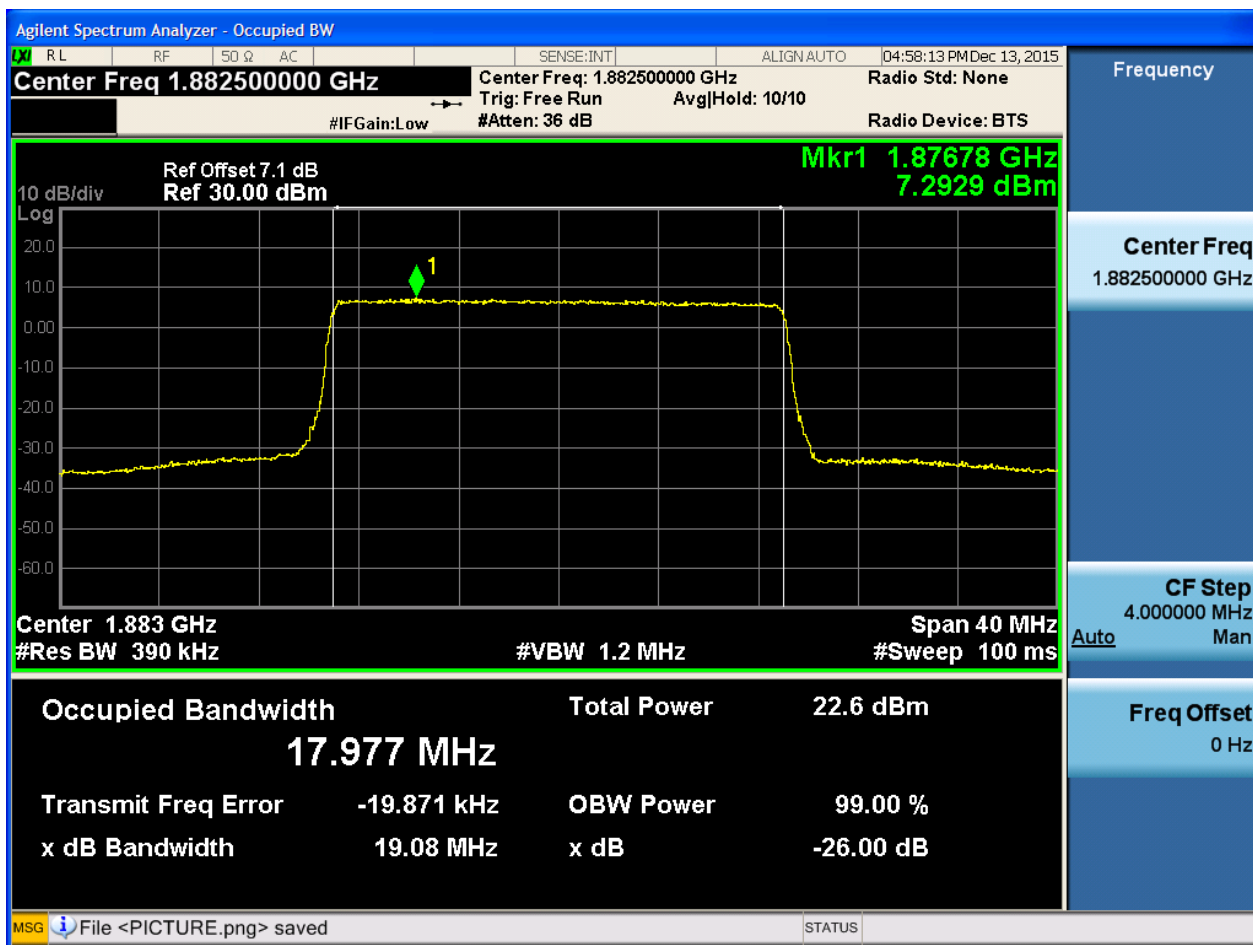
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

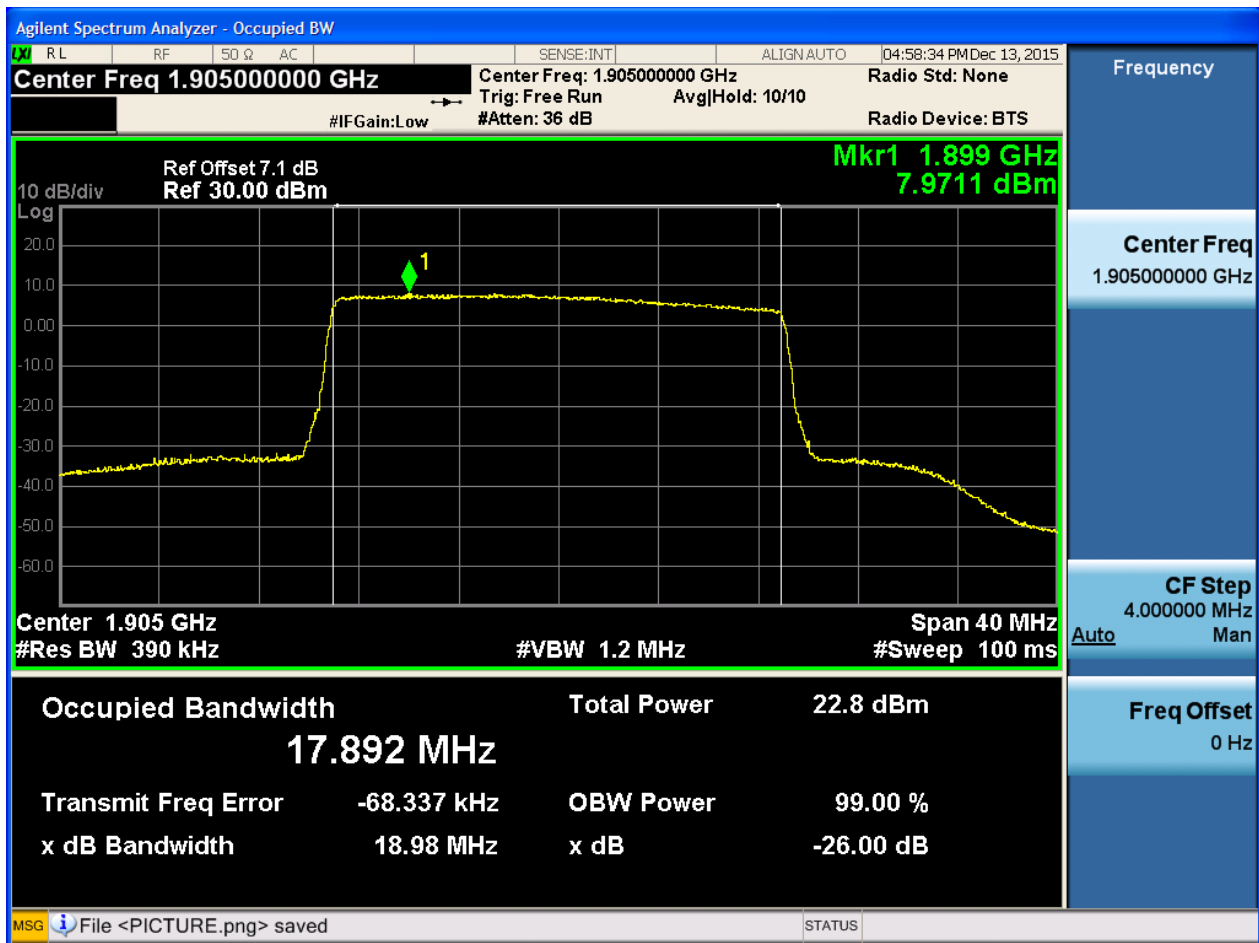
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



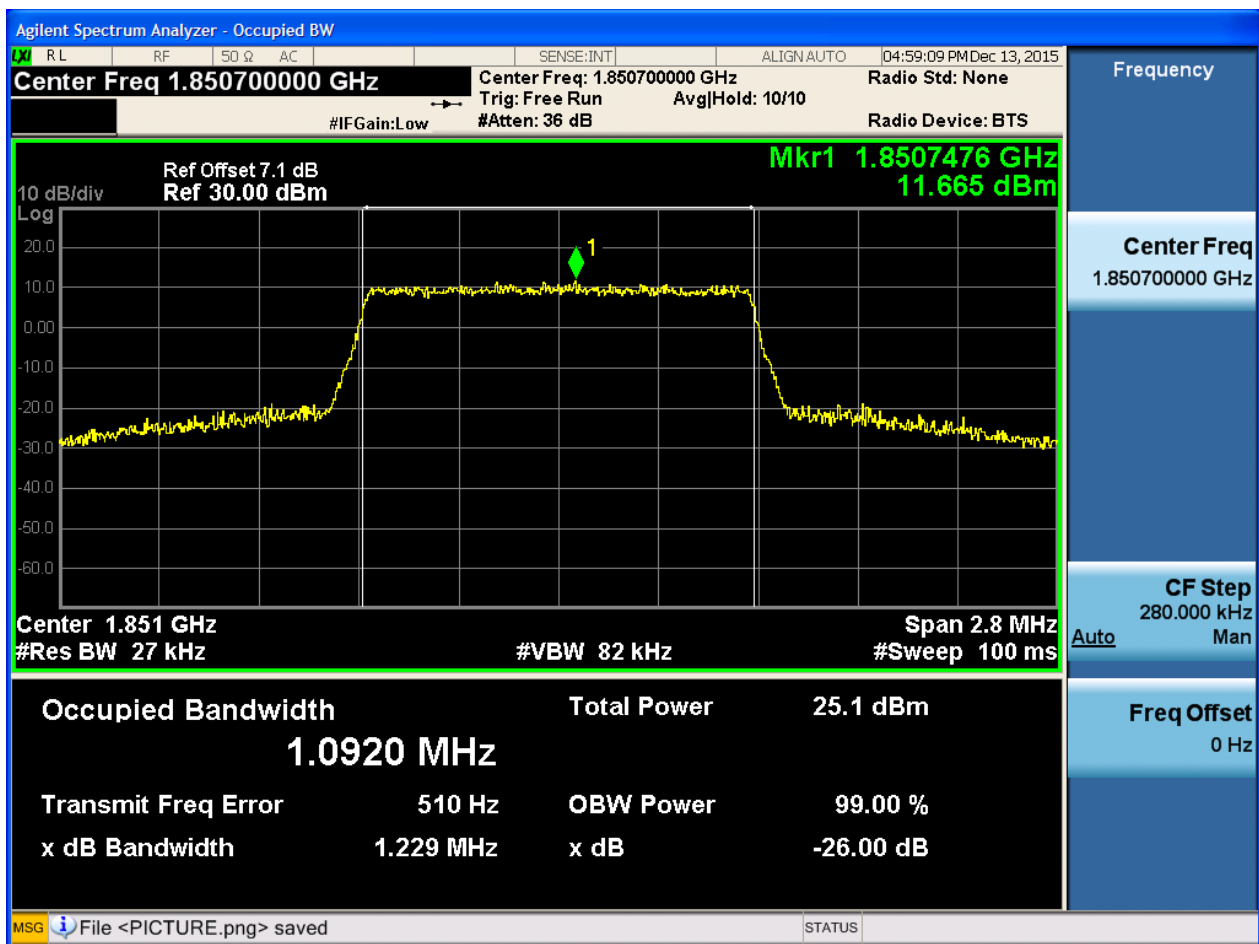


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

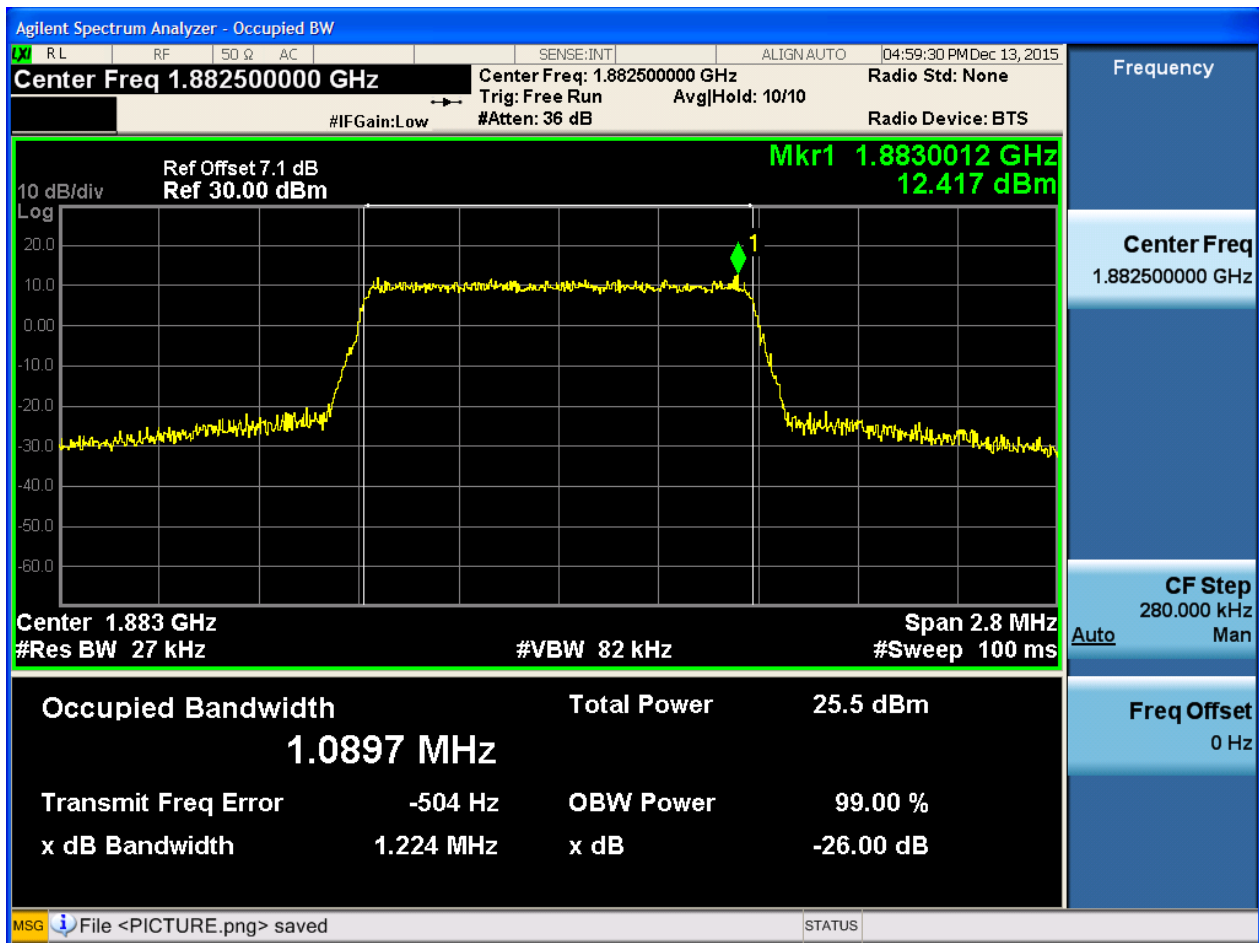
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

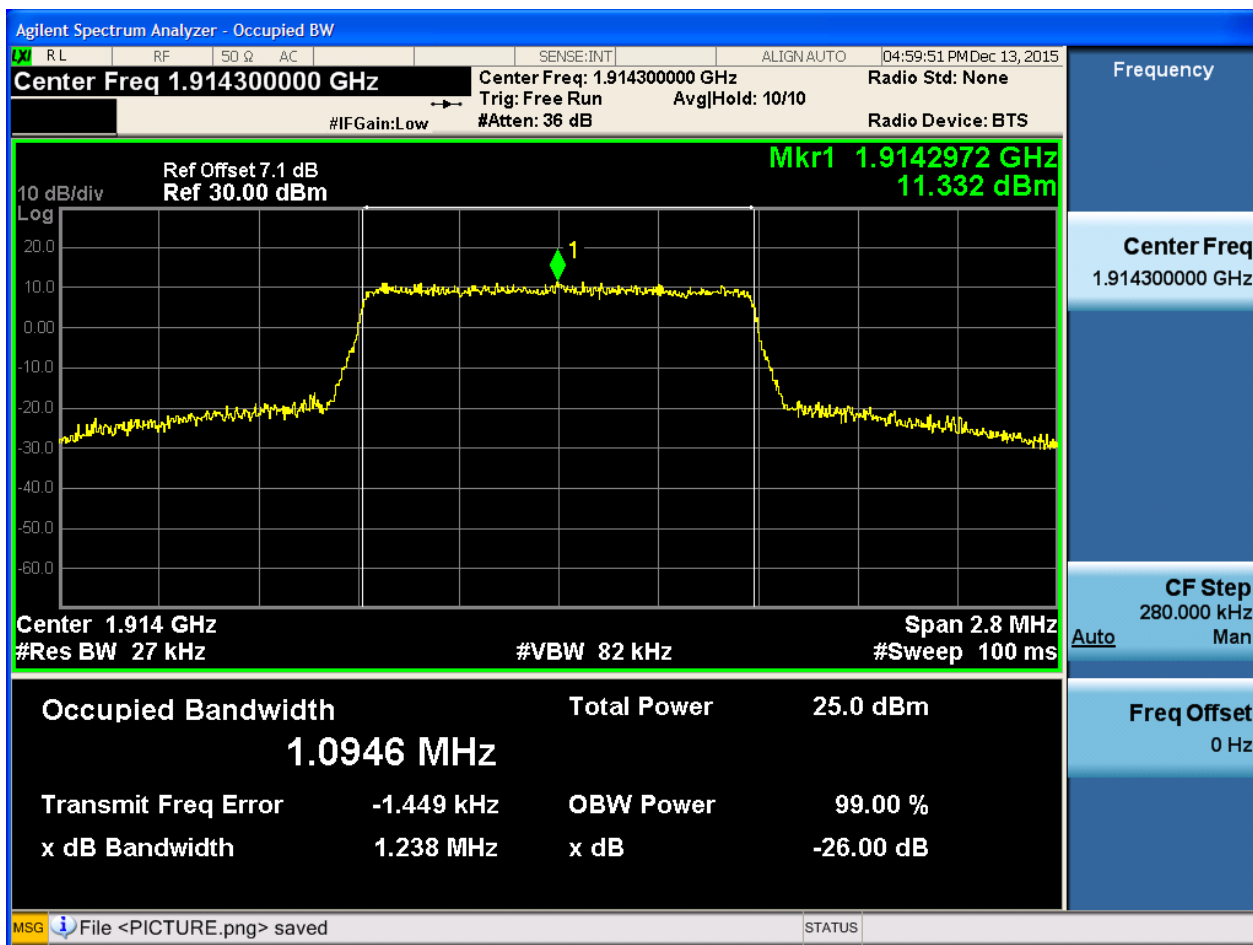
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

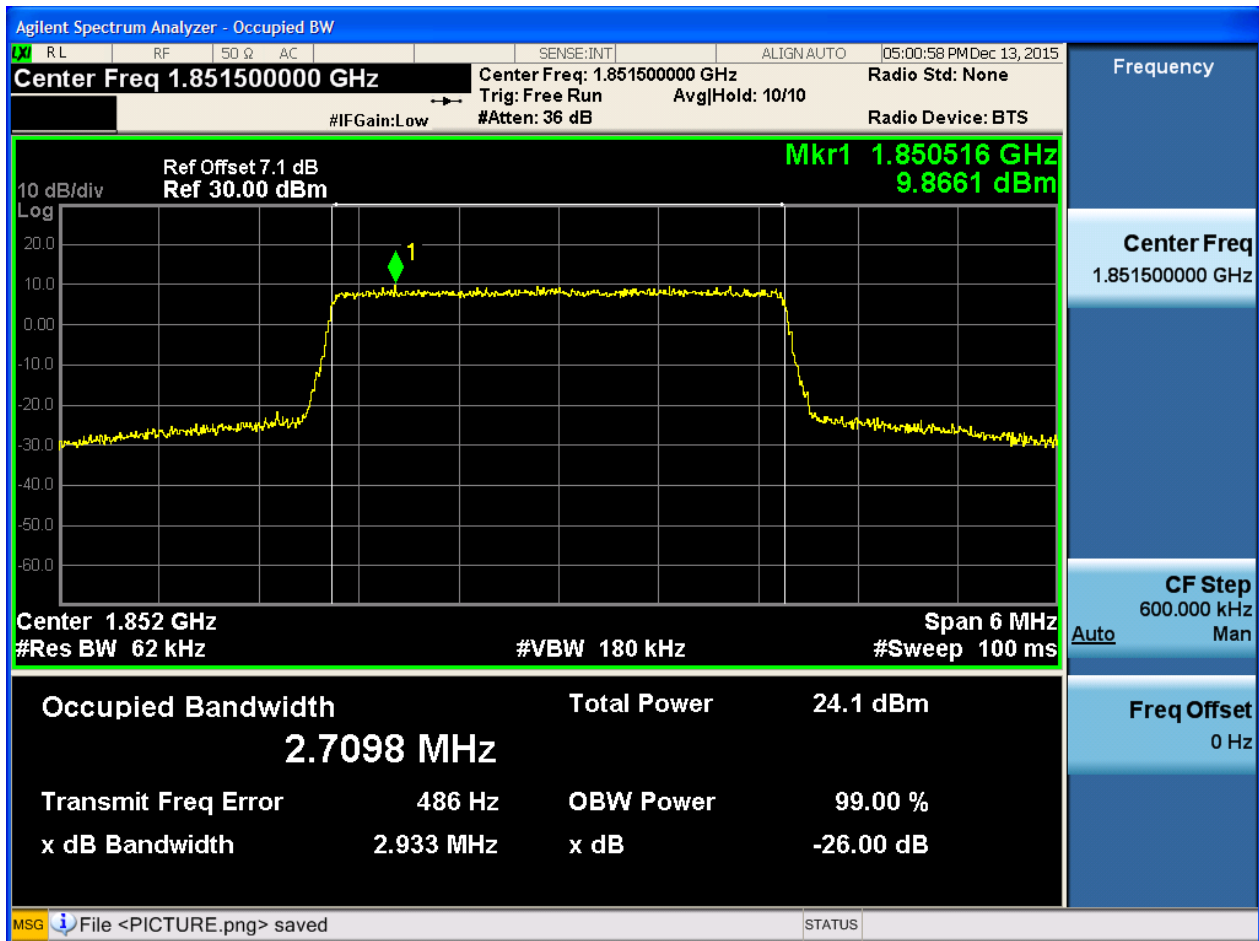




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

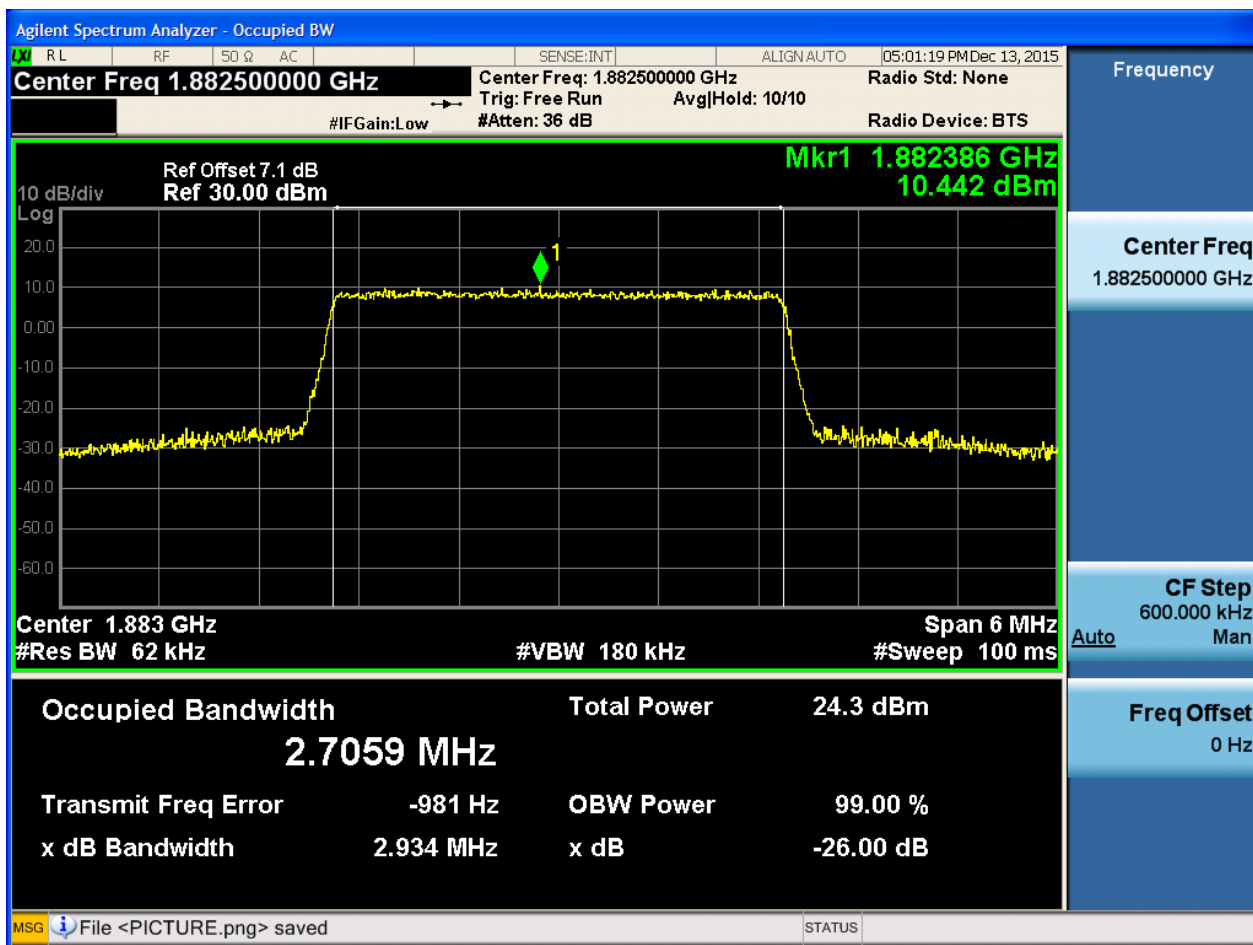
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

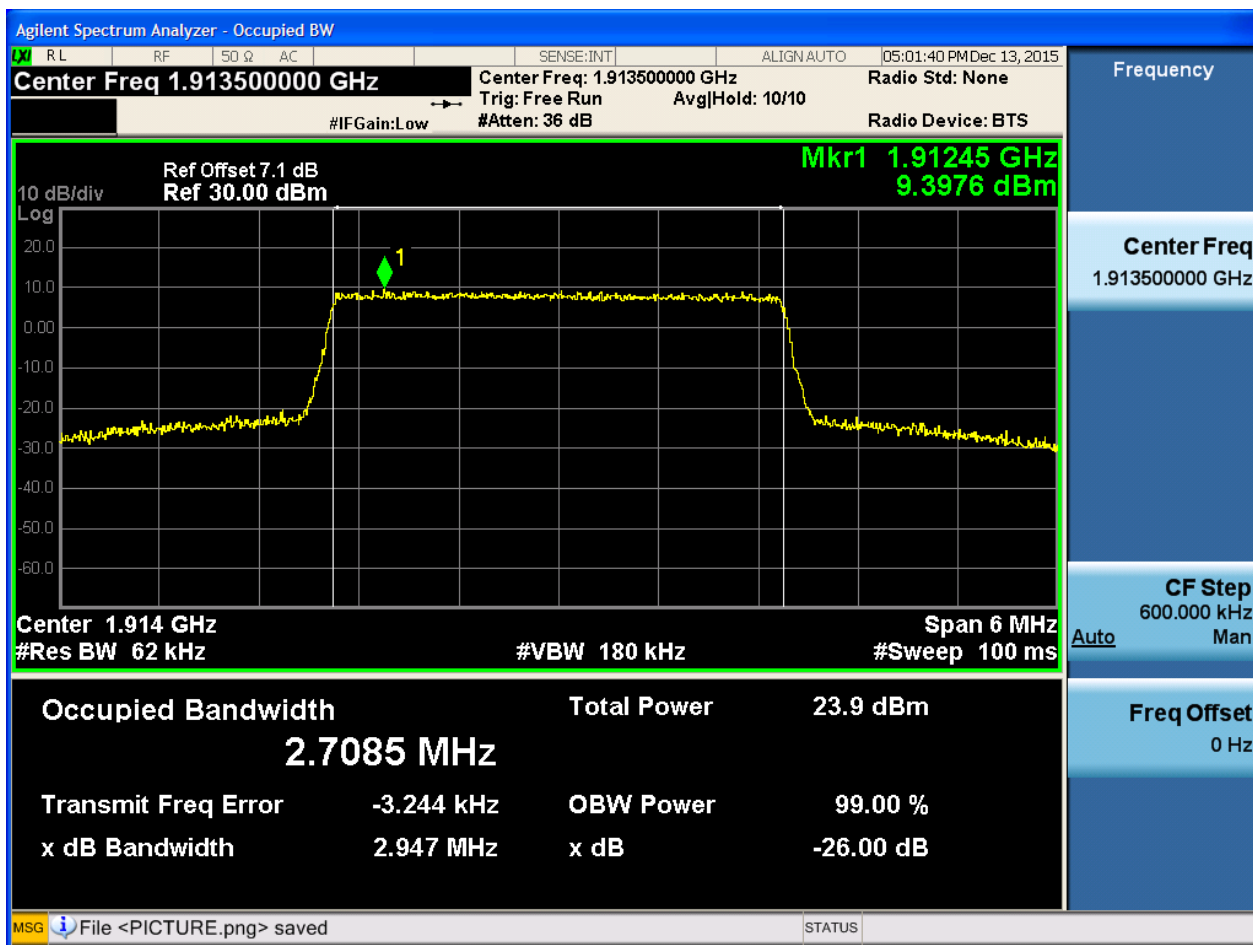
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

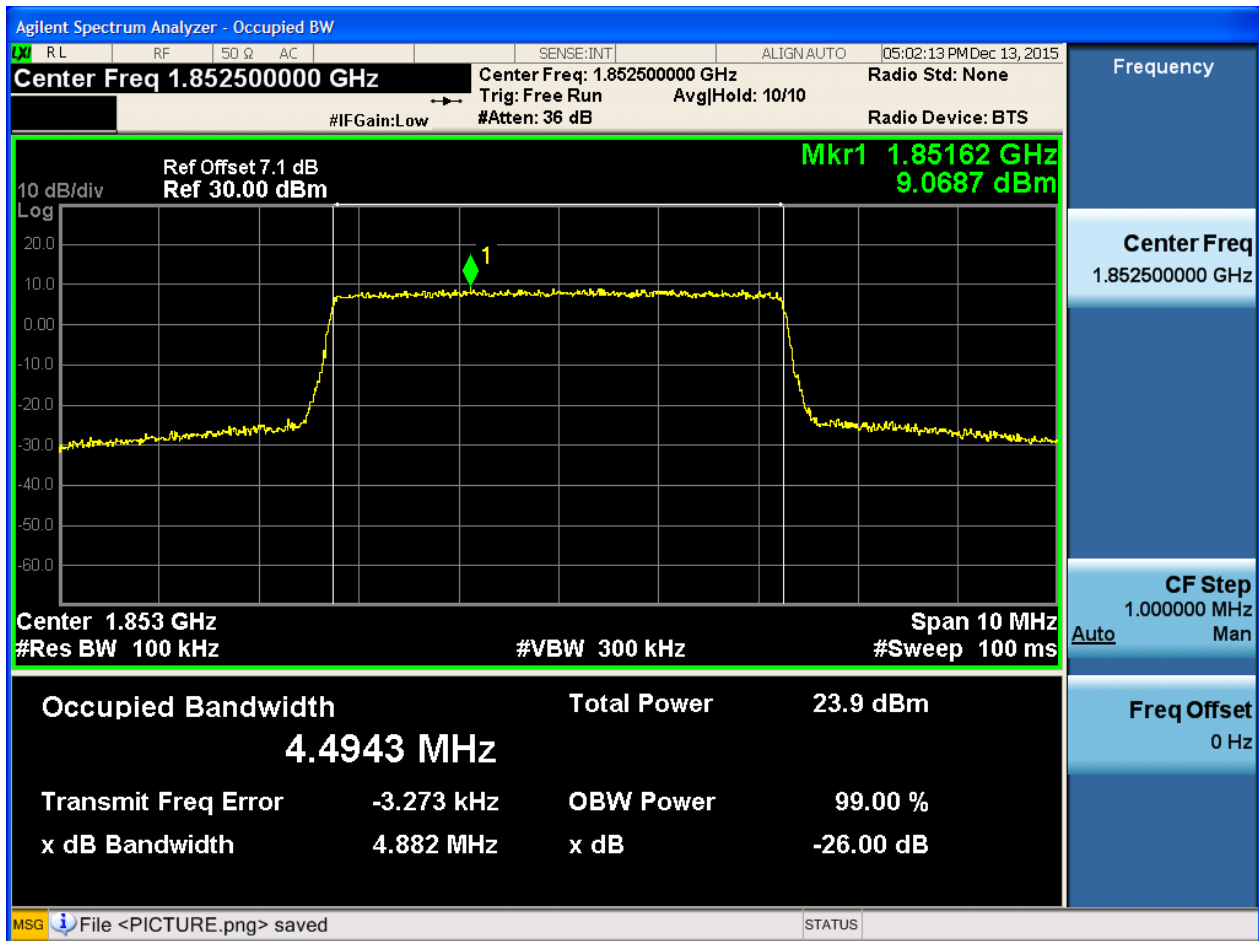




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

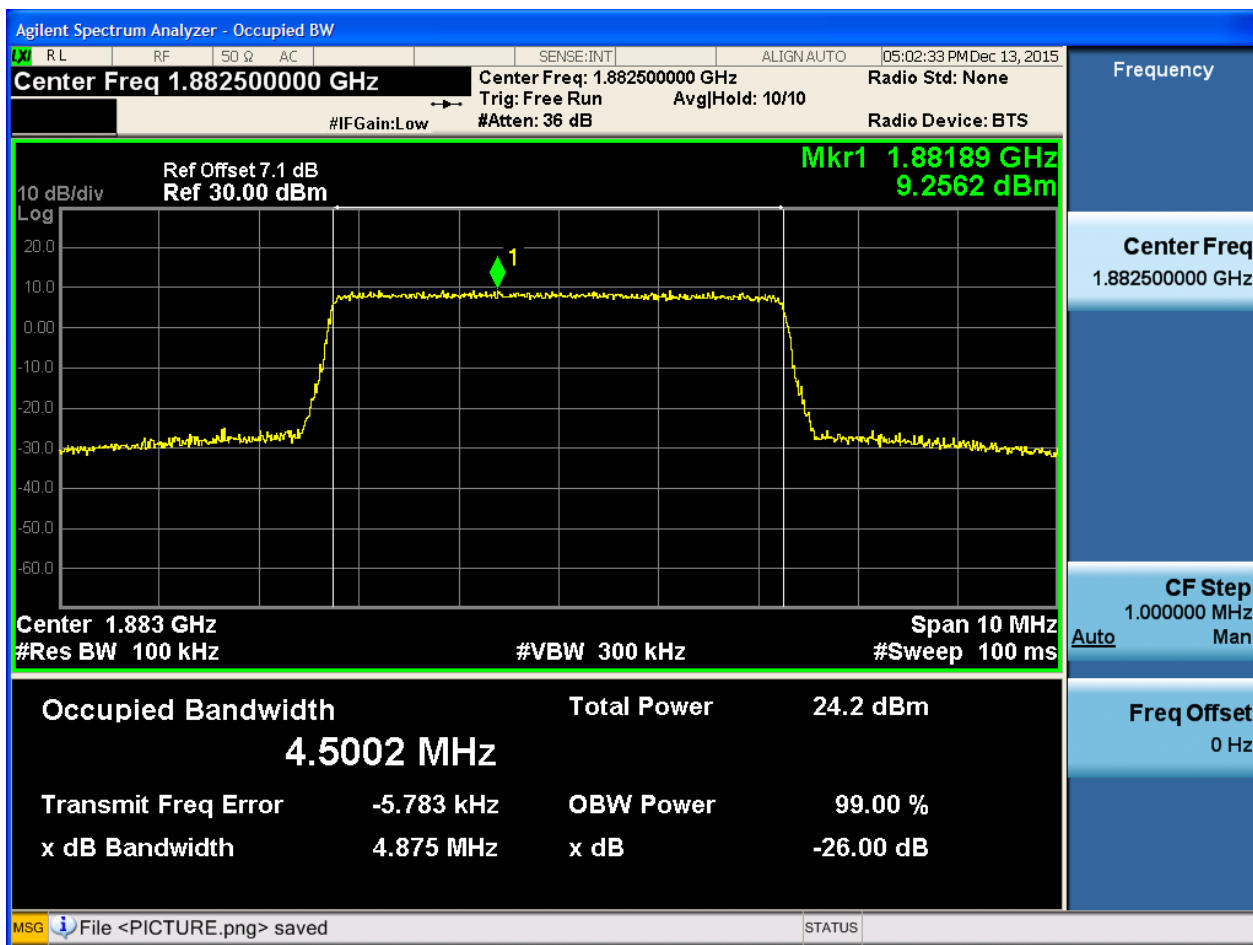
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

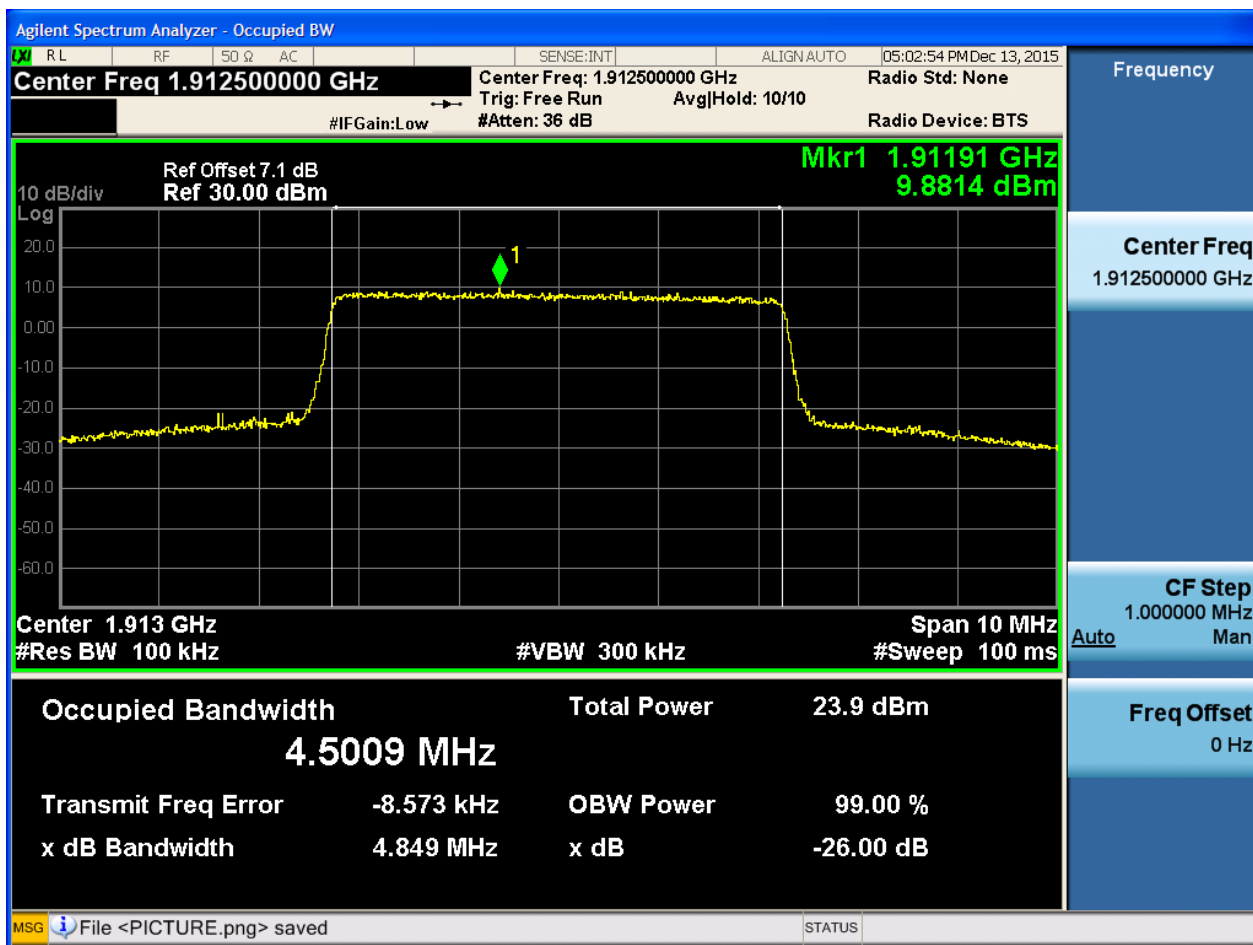
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

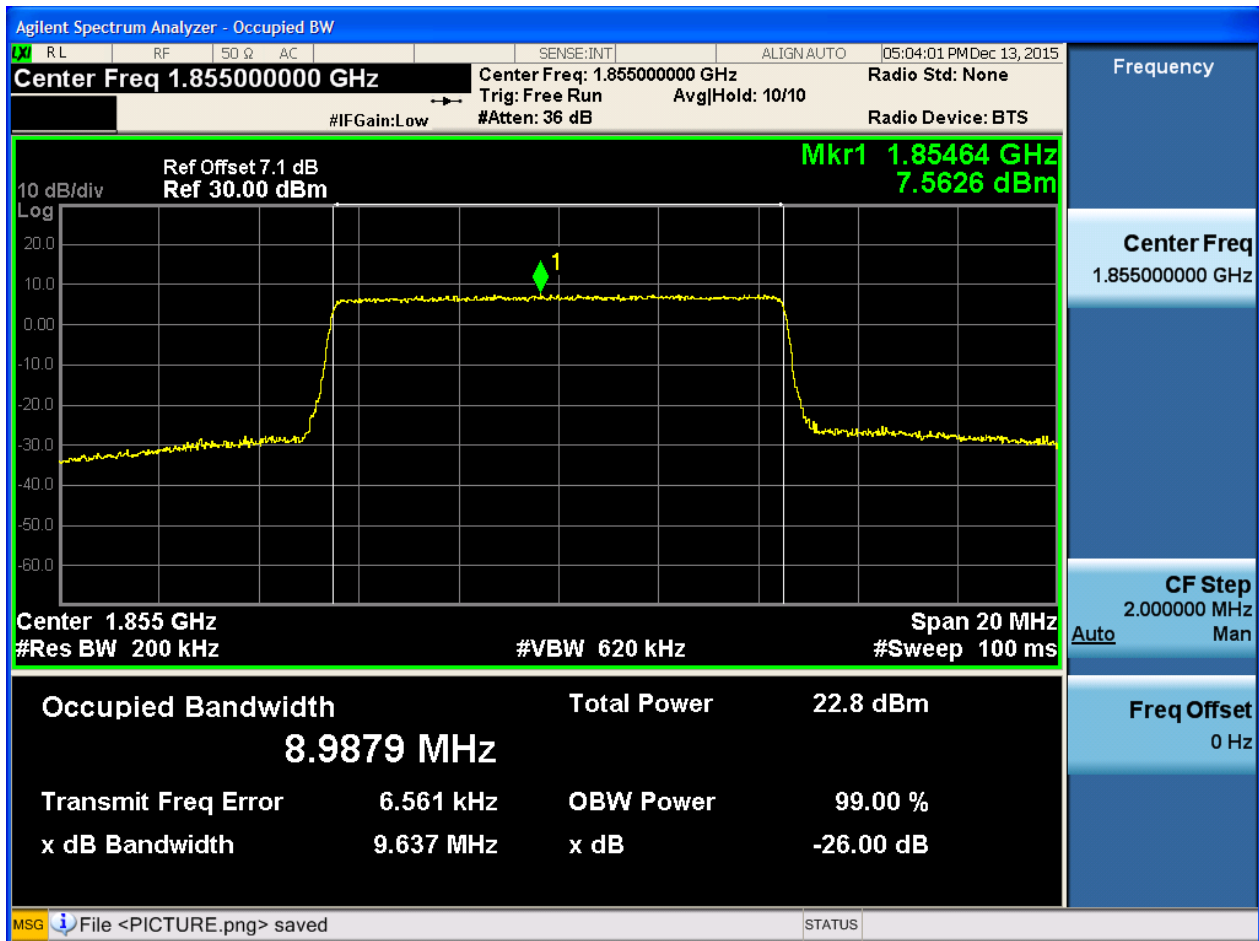




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

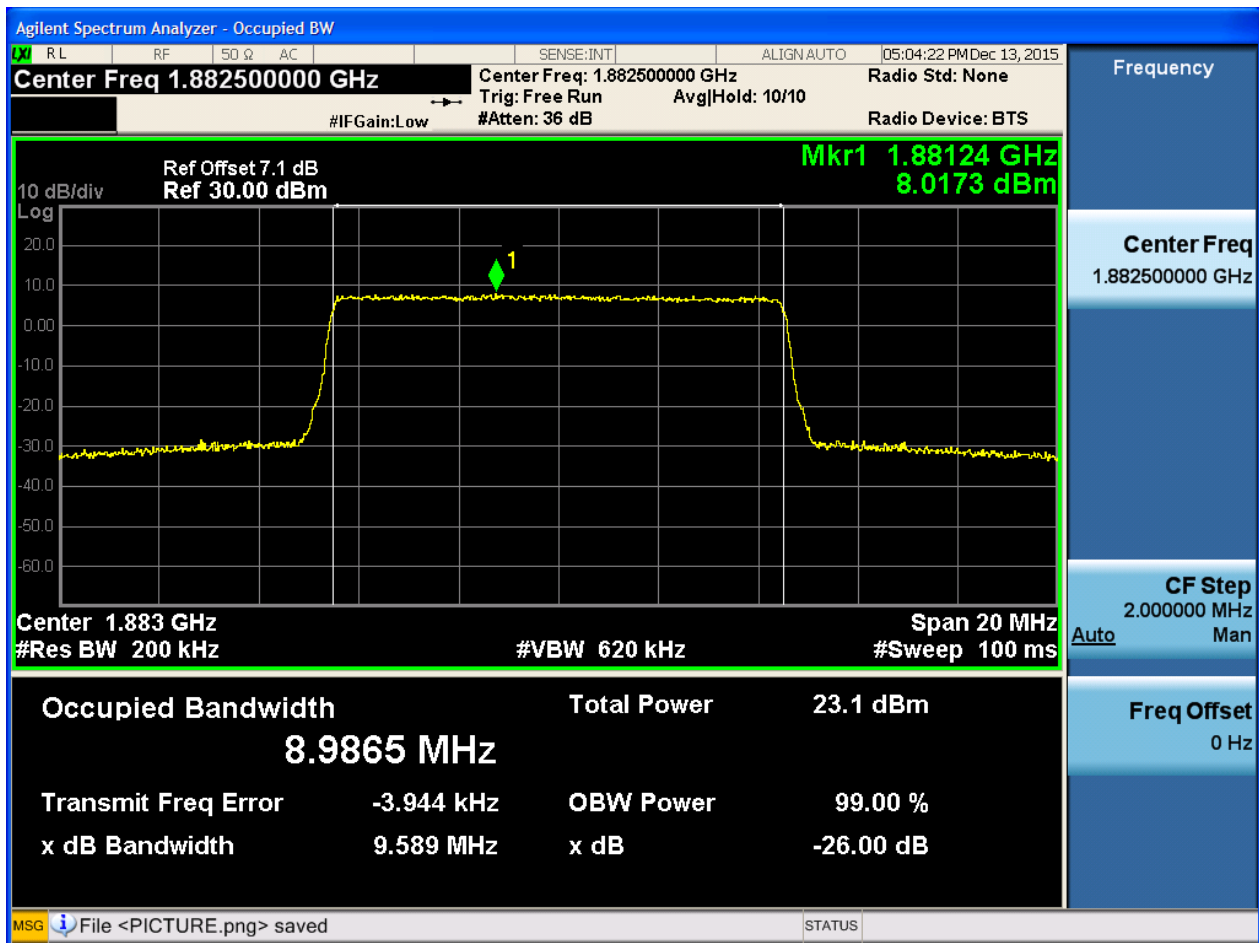
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

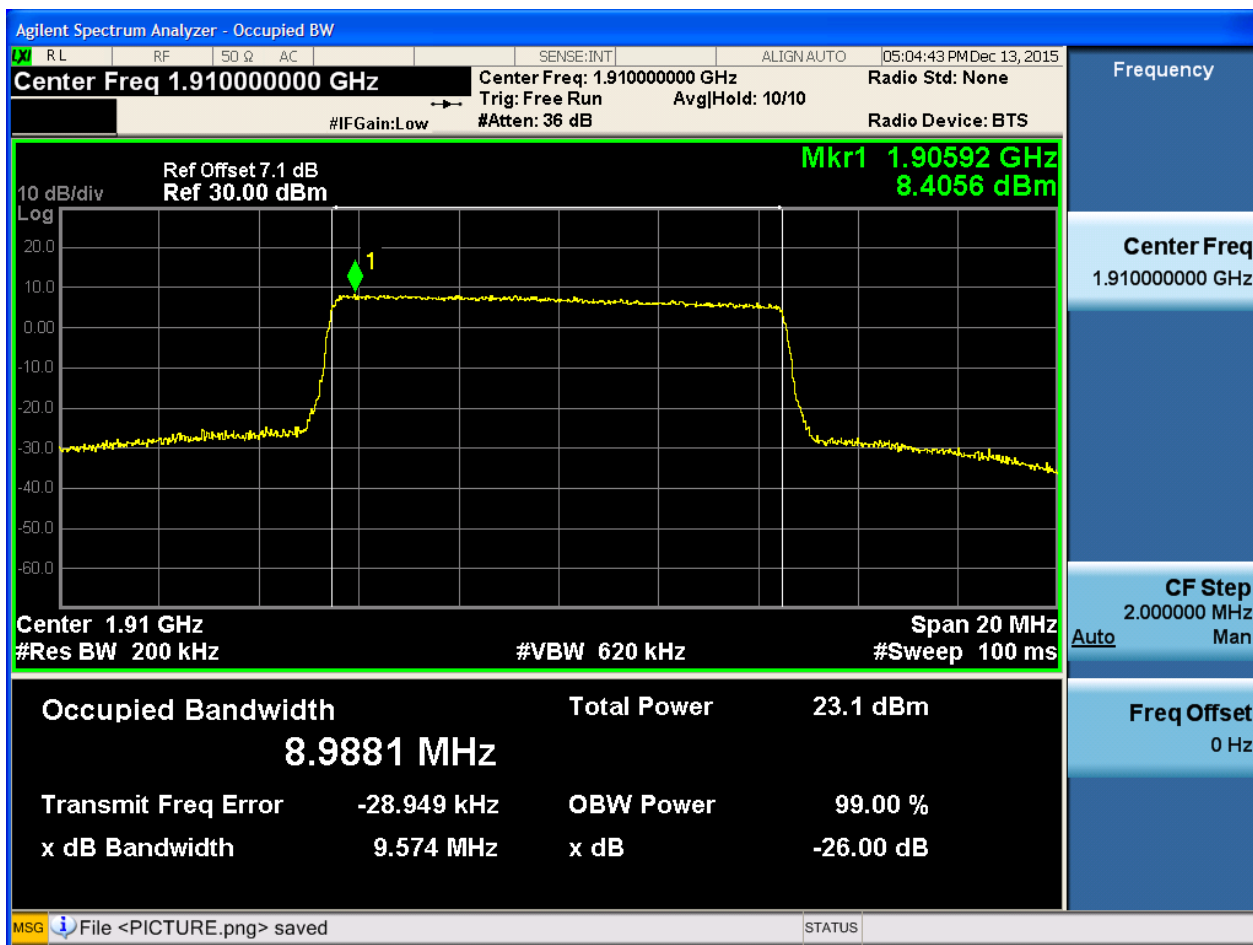
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

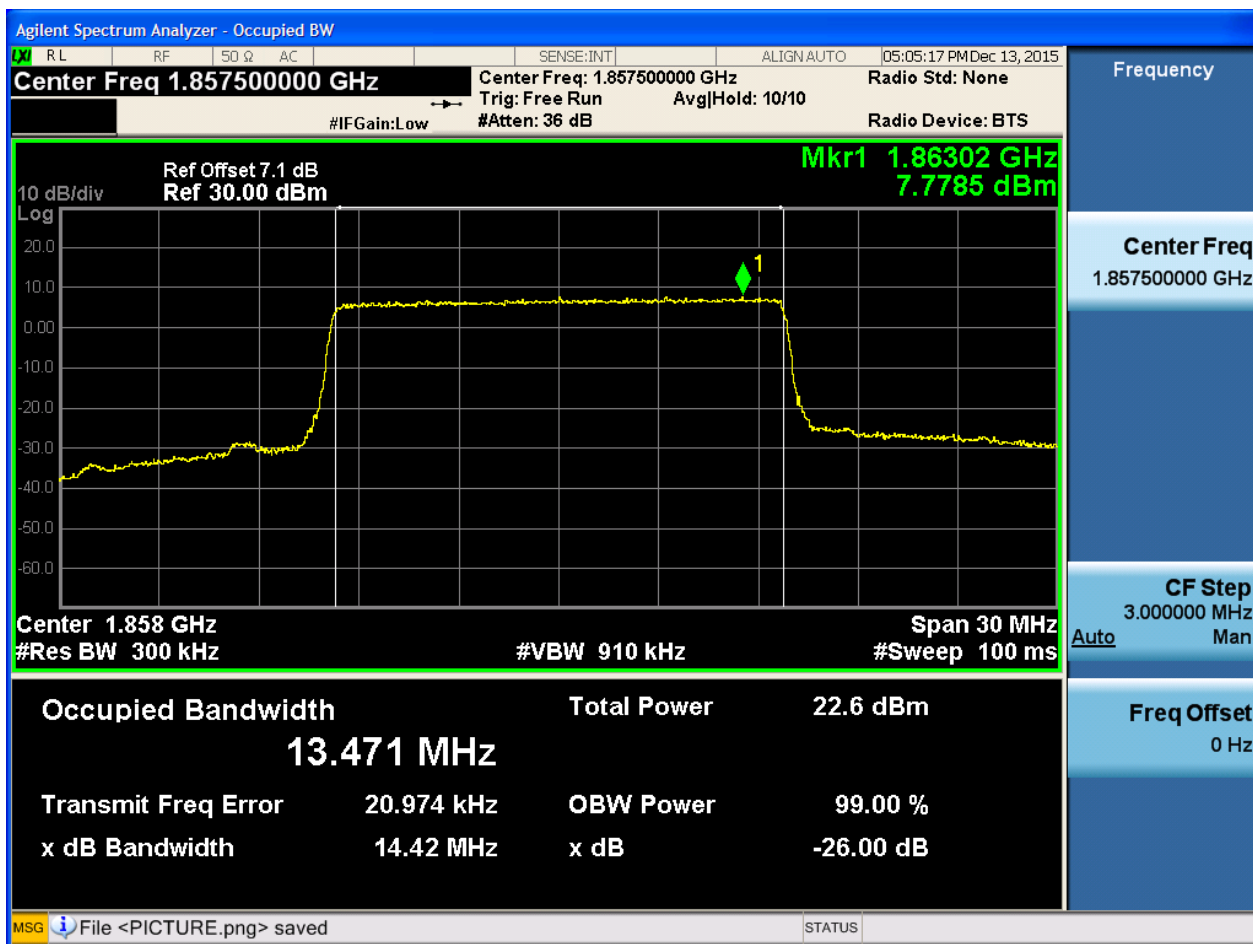




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

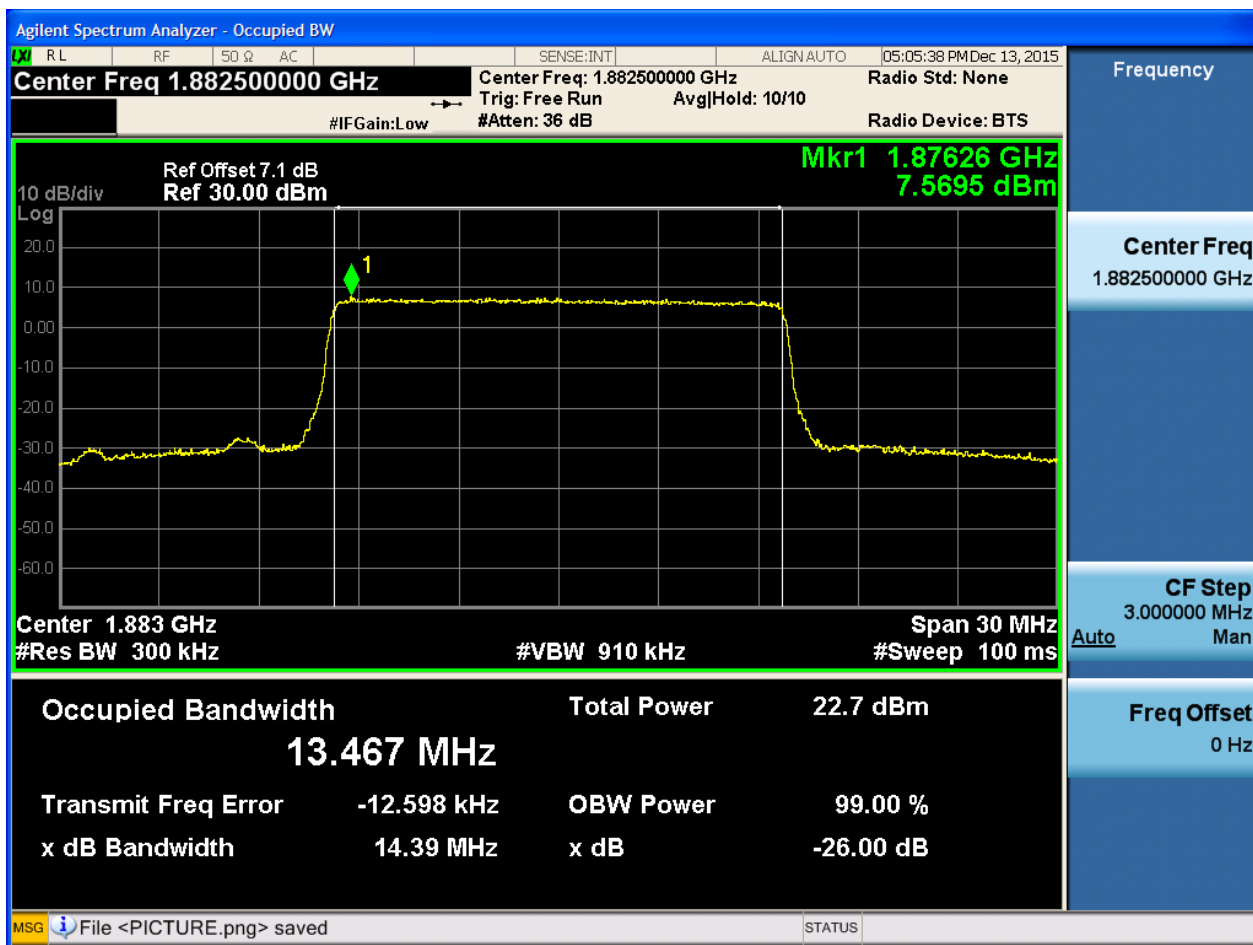
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

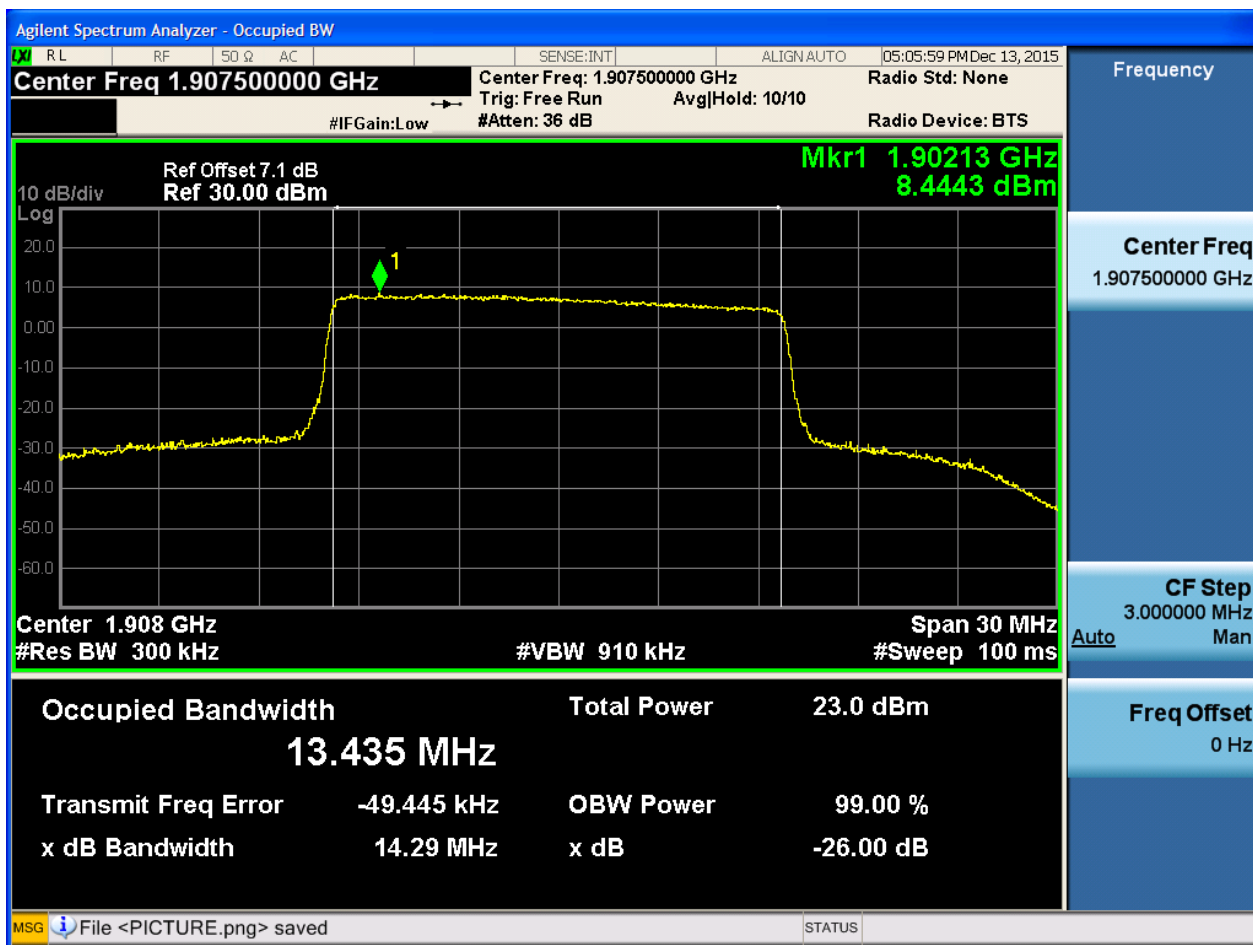
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

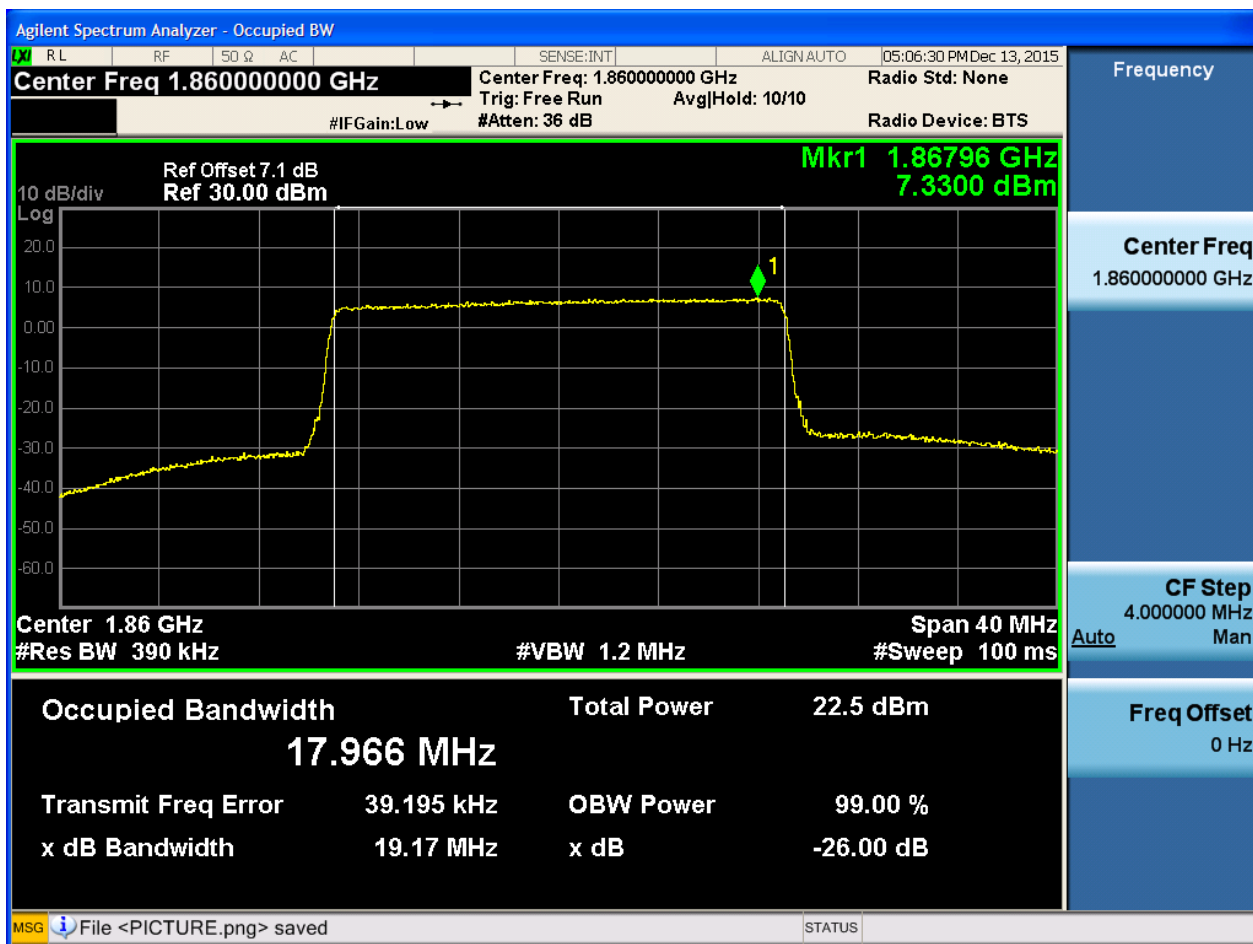




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

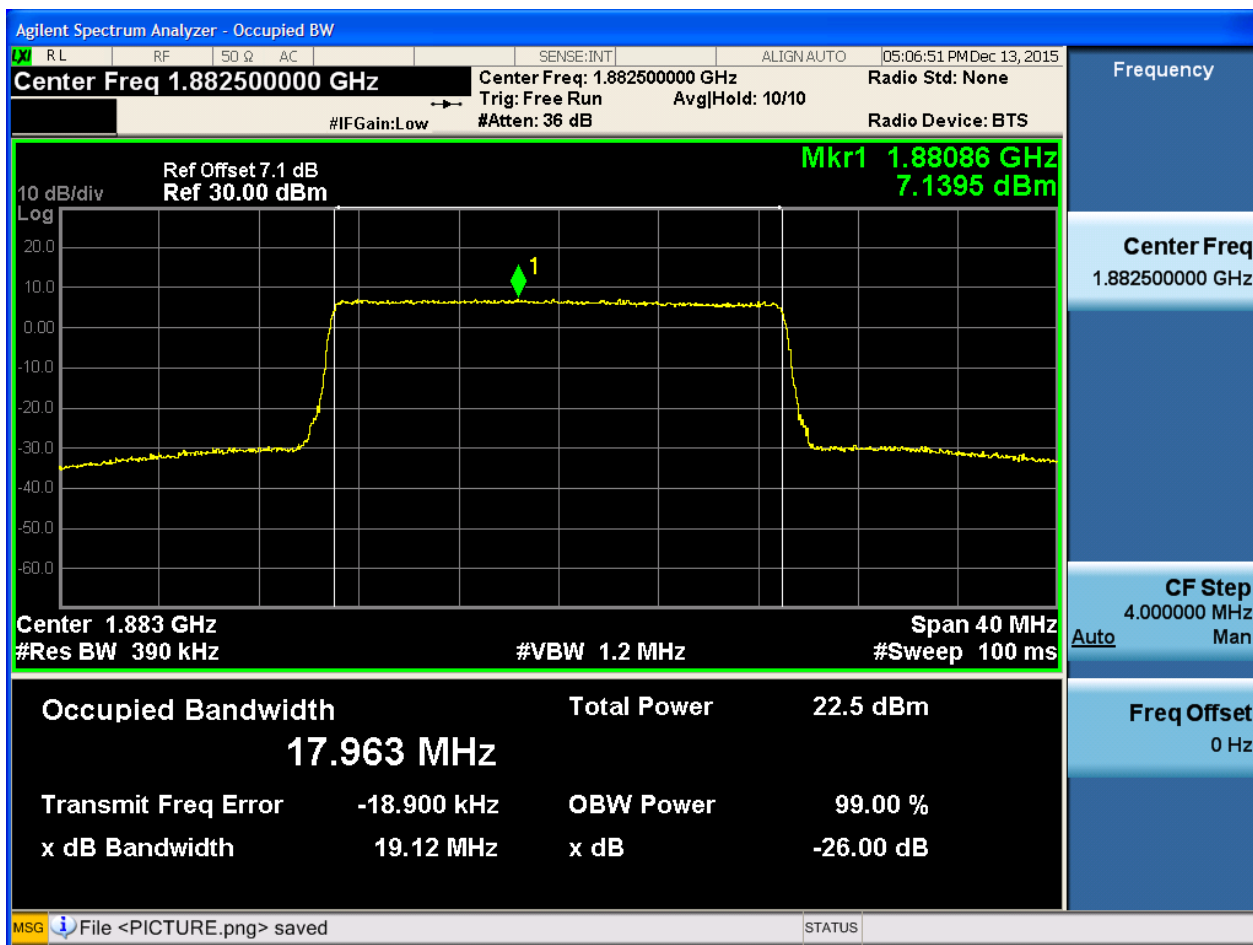
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

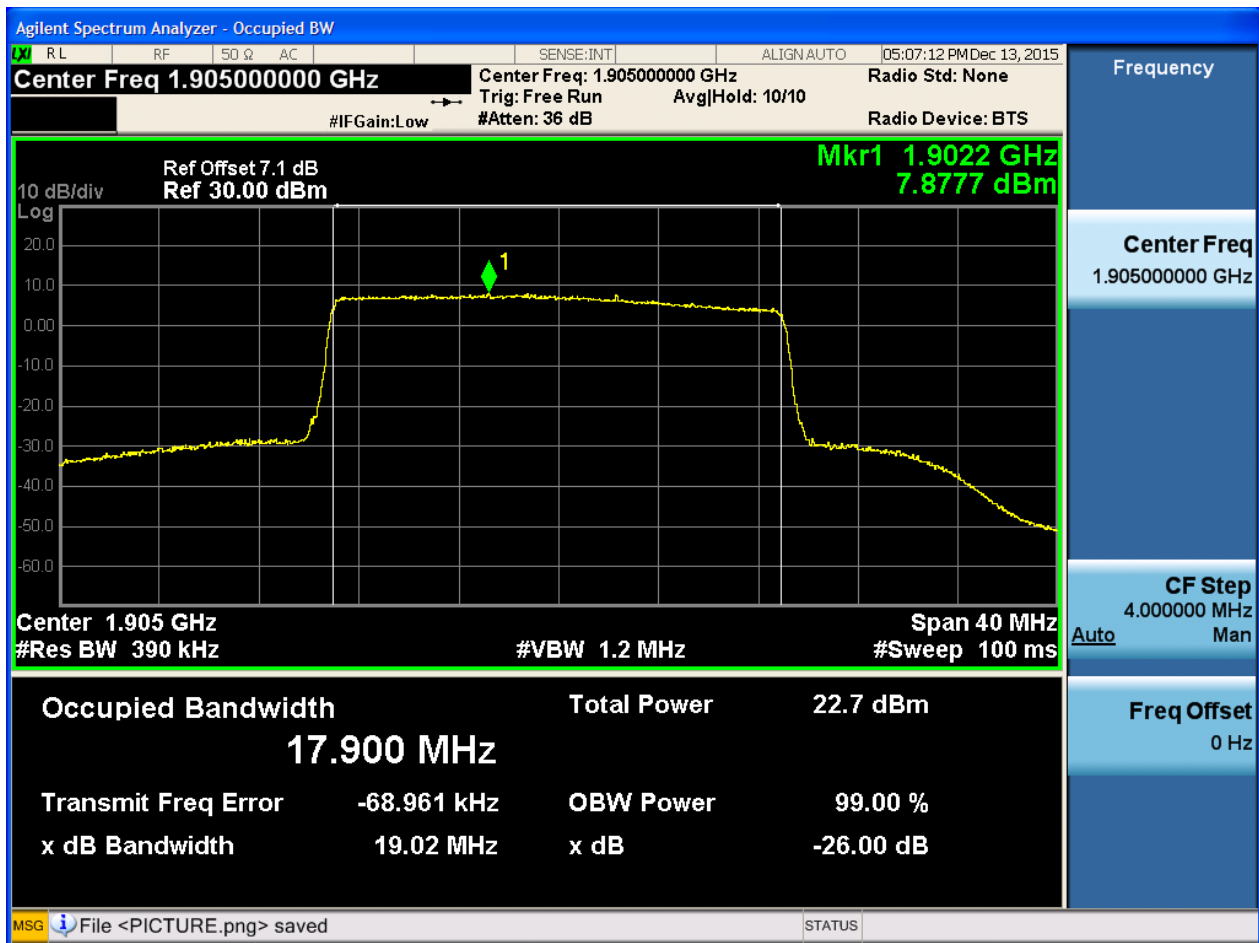
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

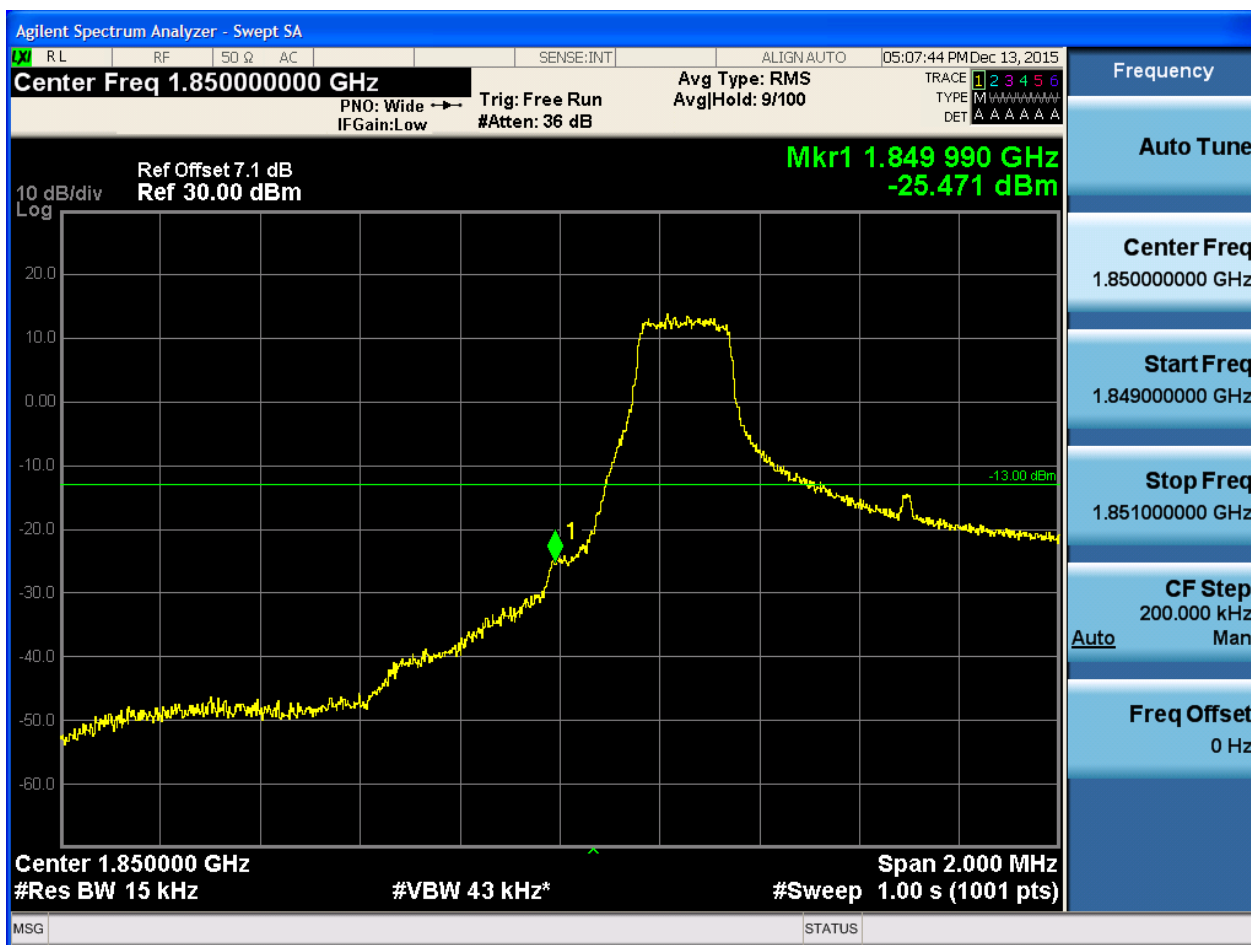
5.1.1 Test Band = BAND25

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



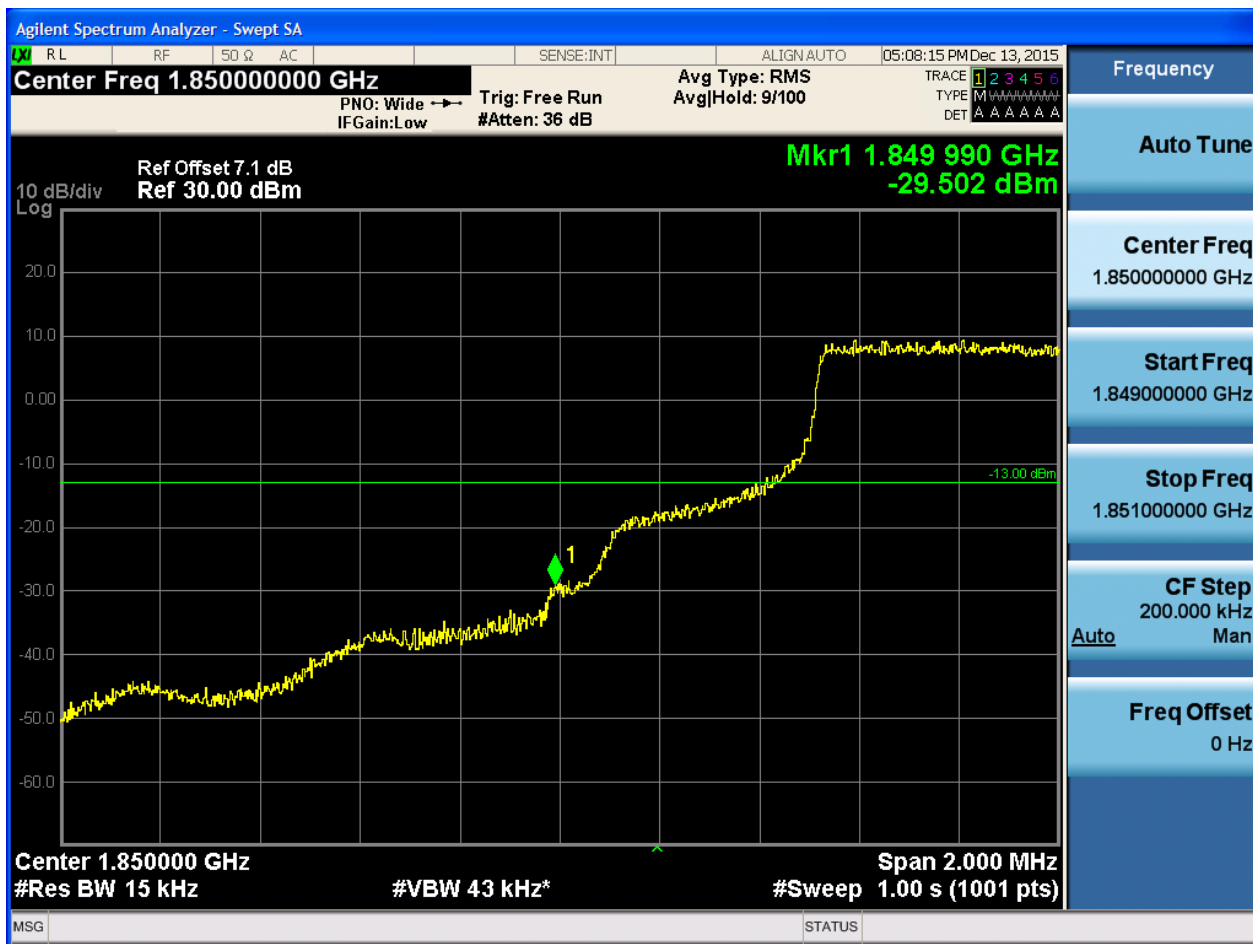


5.1.1.1.1.2 Test RB = RB1#5



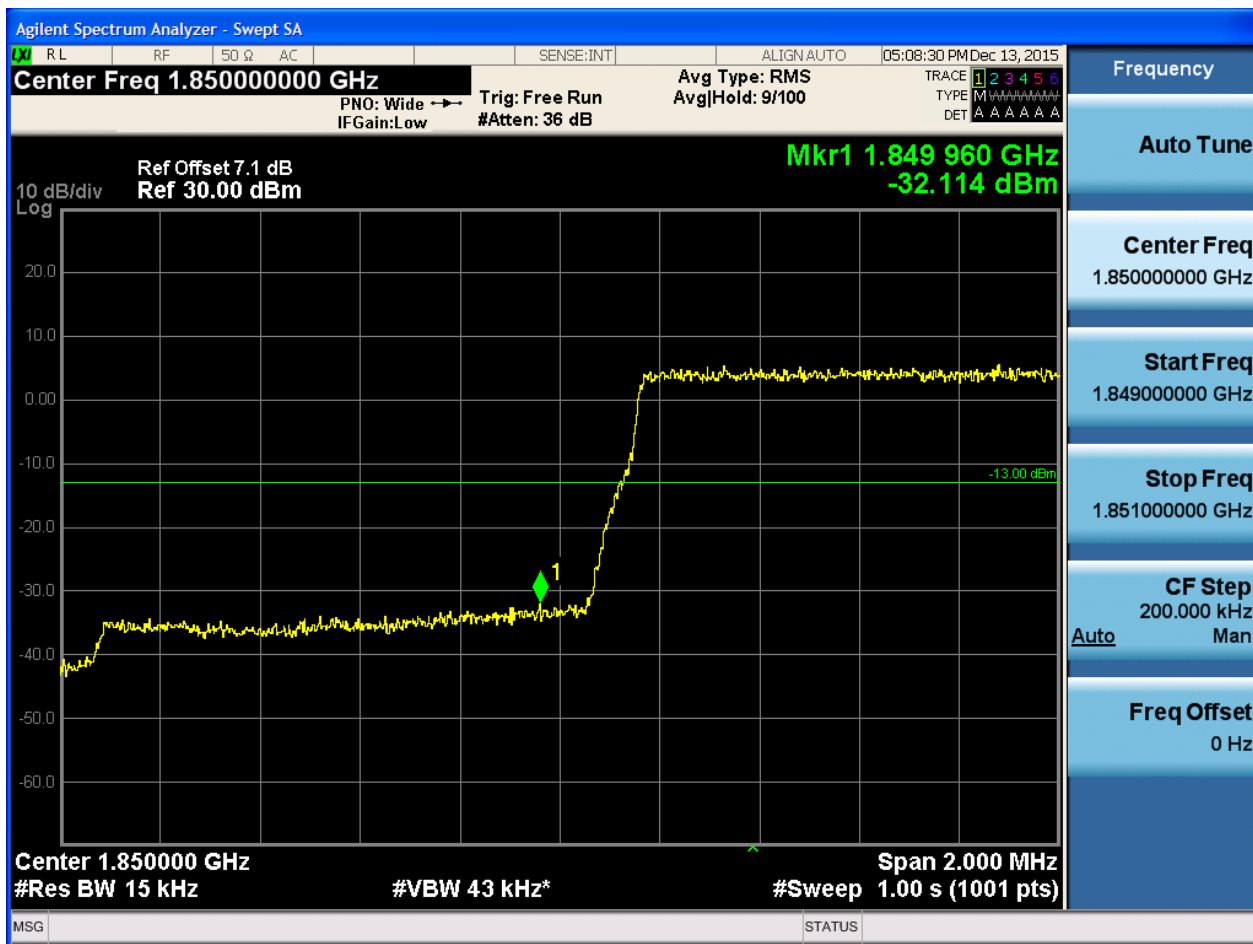


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





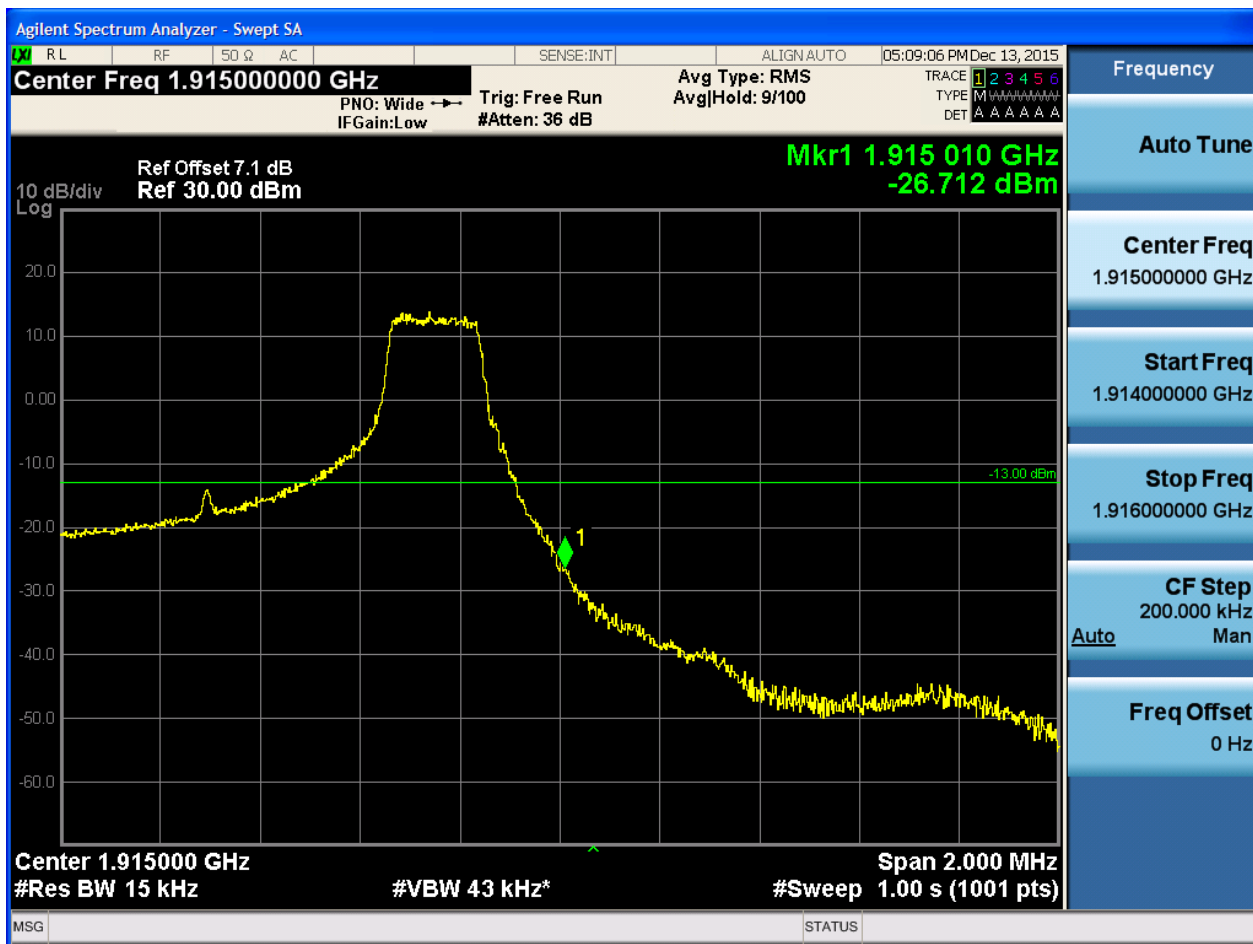
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

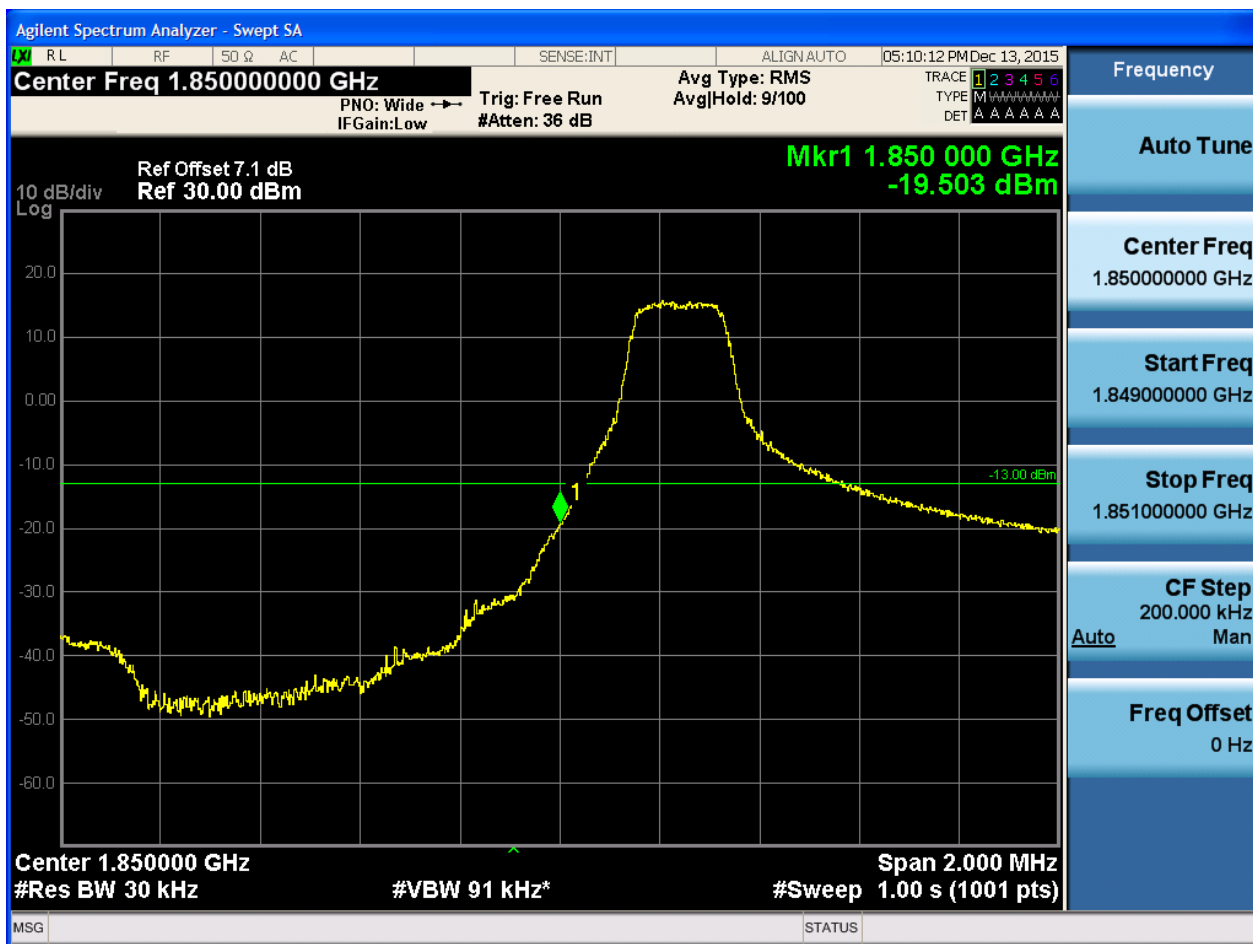




5.1.1.1.2 Test Bandwidth = 3

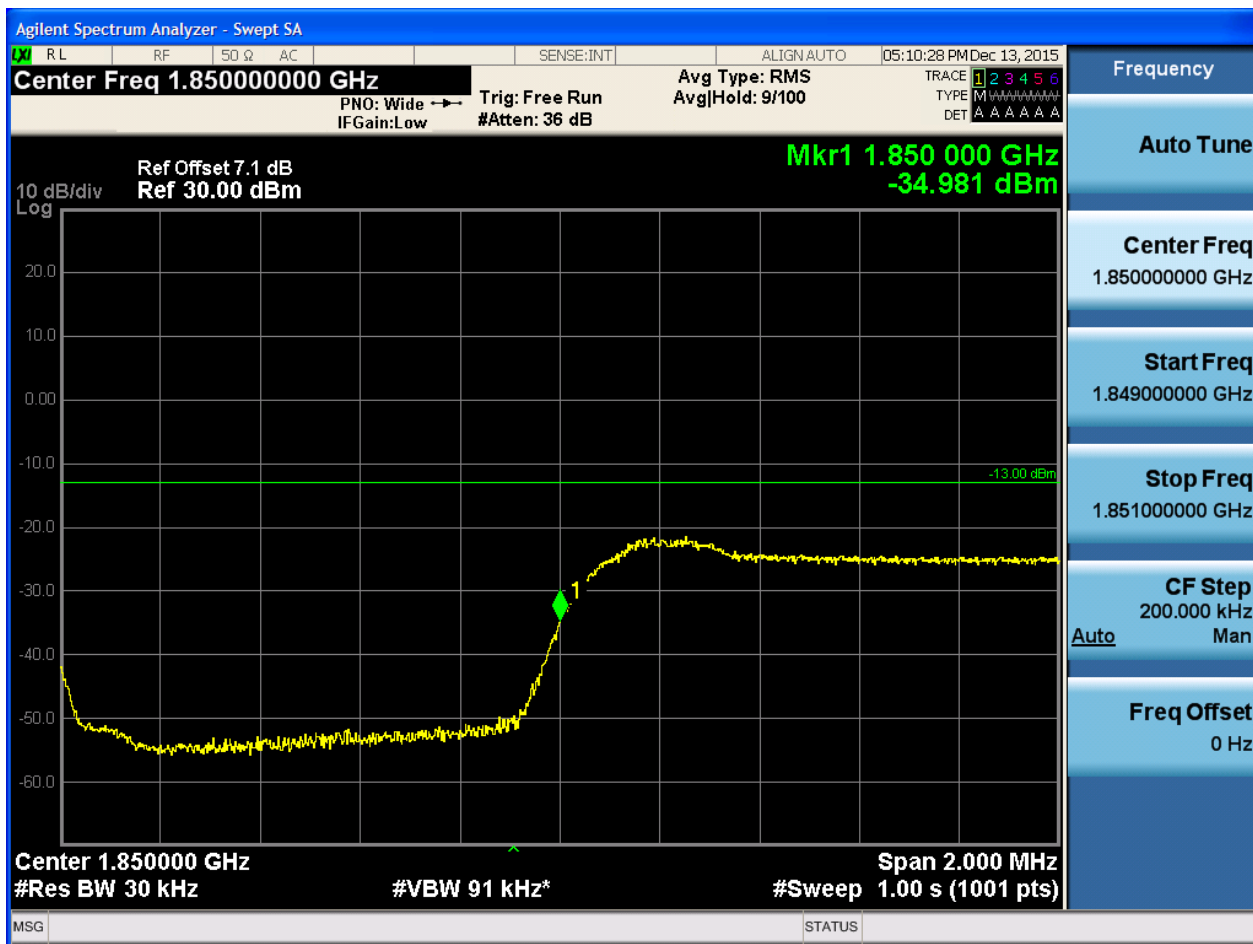
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



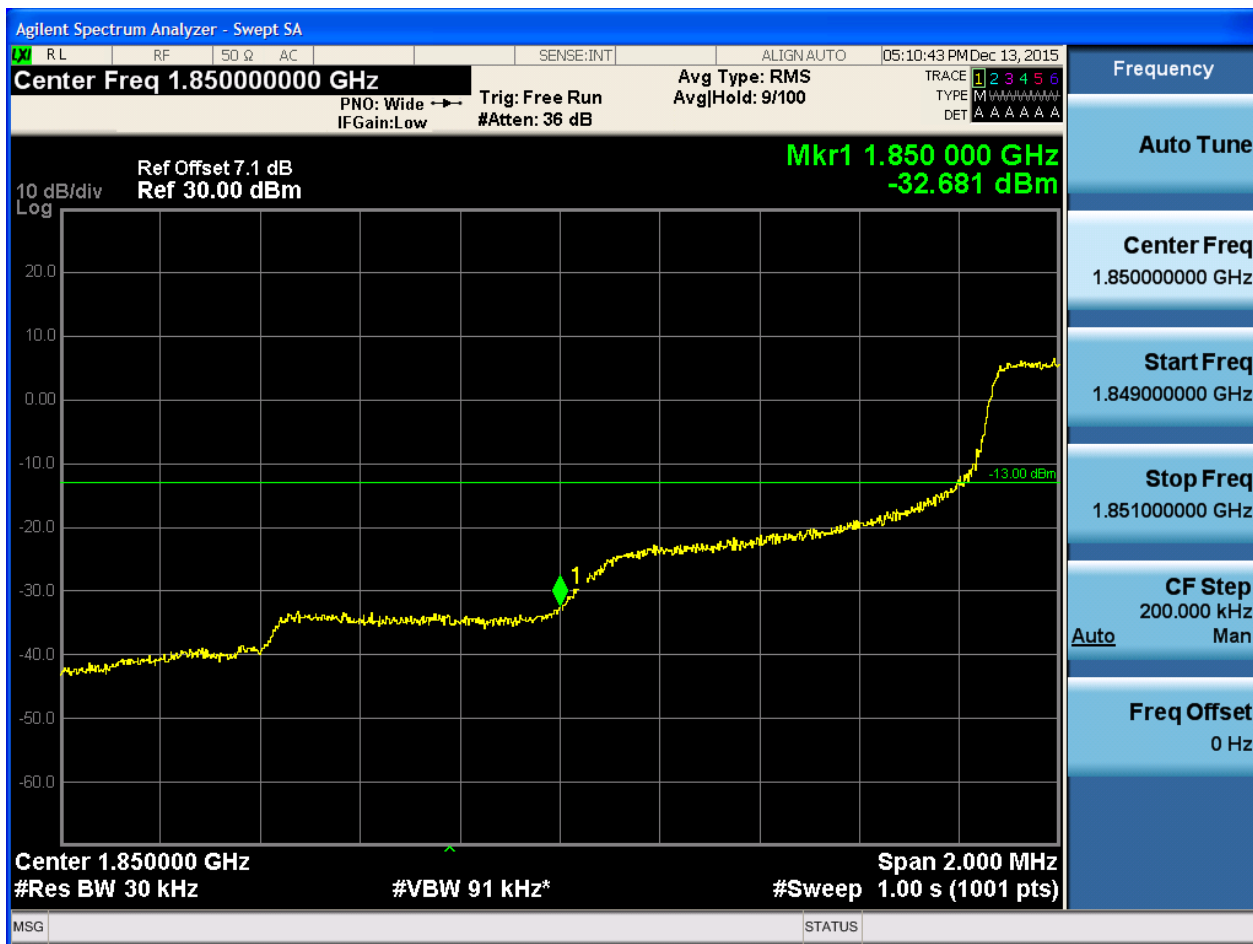


5.1.1.1.2.1.2 Test RB = RB1#14



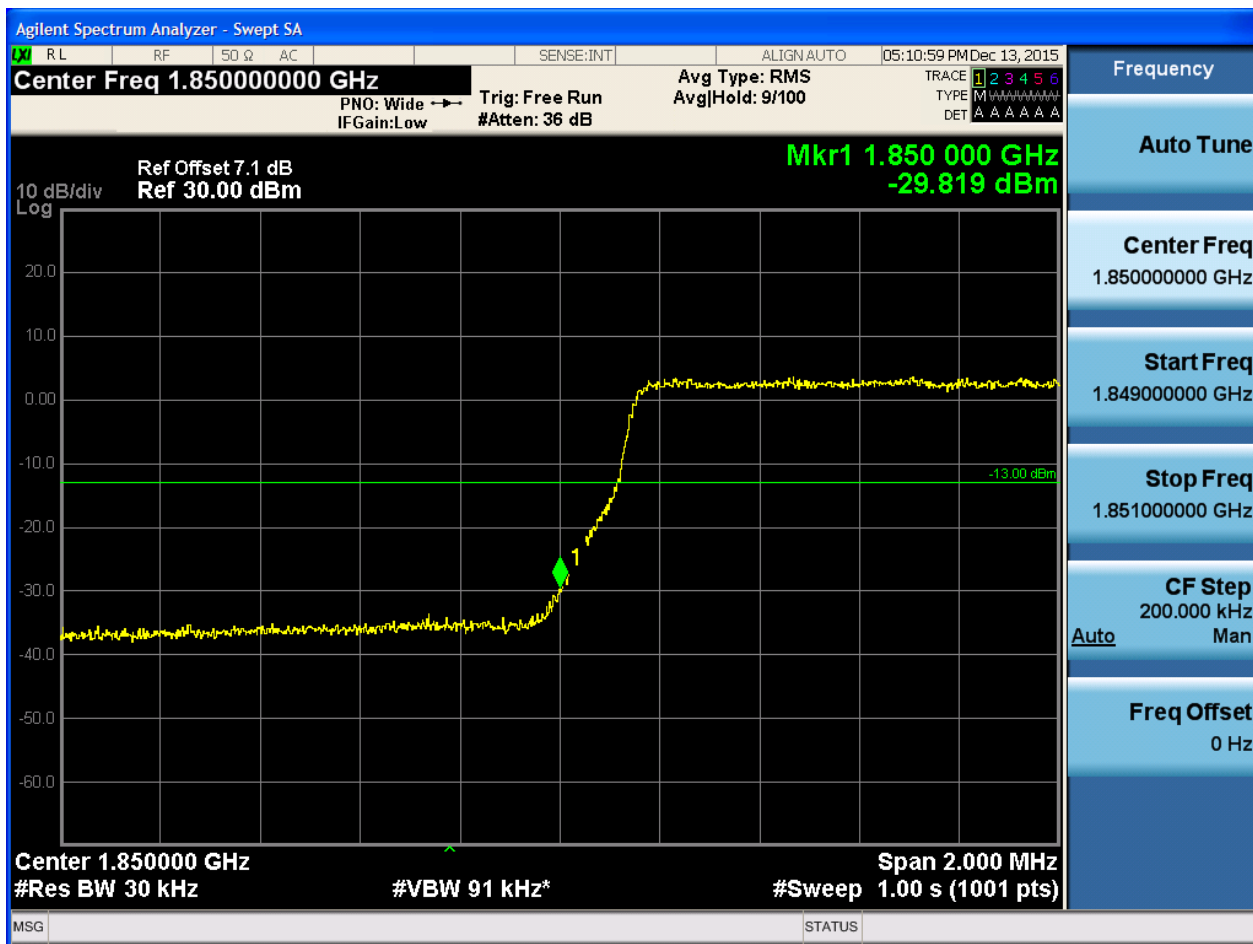


5.1.1.1.2.1.3 Test RB = RB8#4





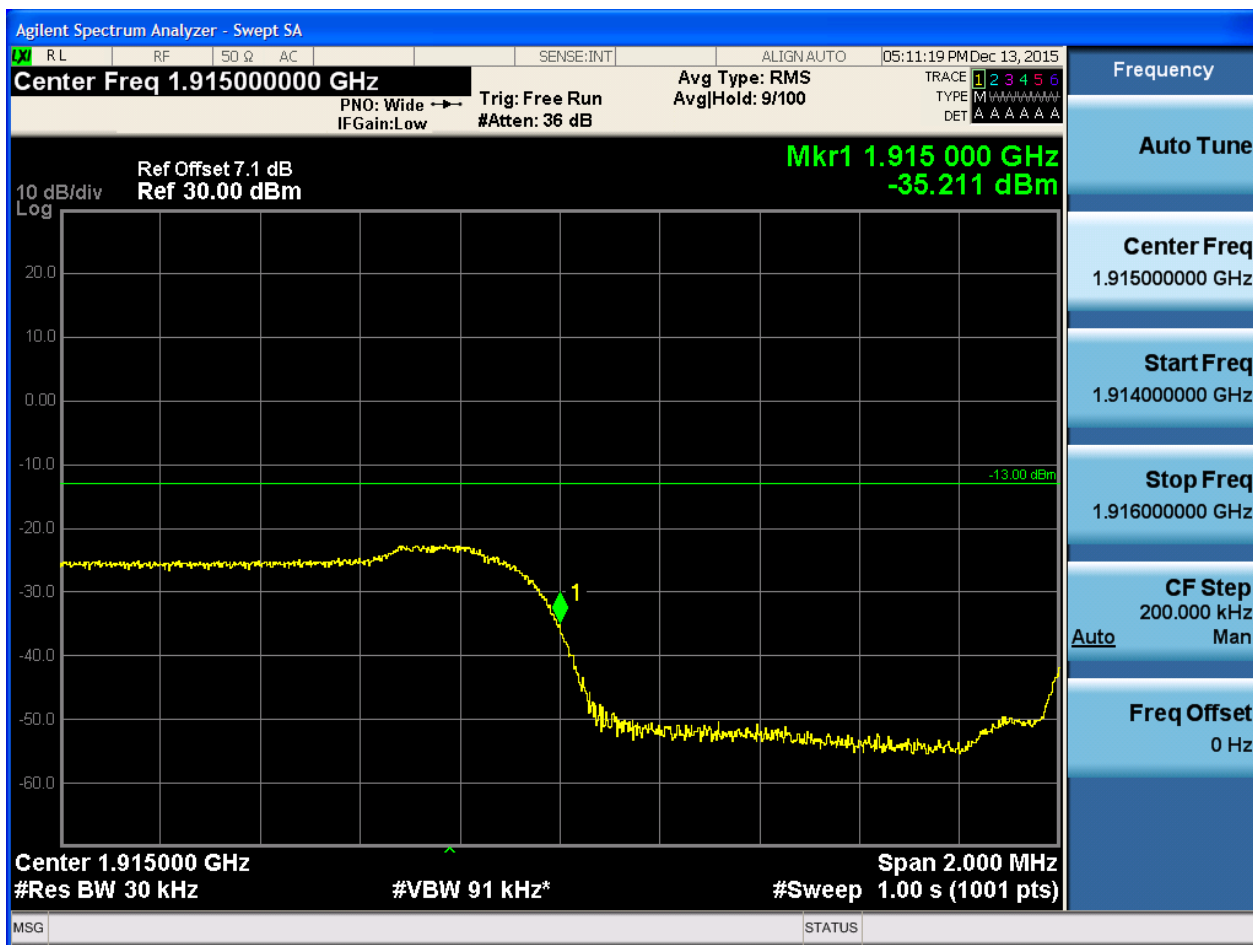
5.1.1.1.2.1.4 Test RB = RB15#0





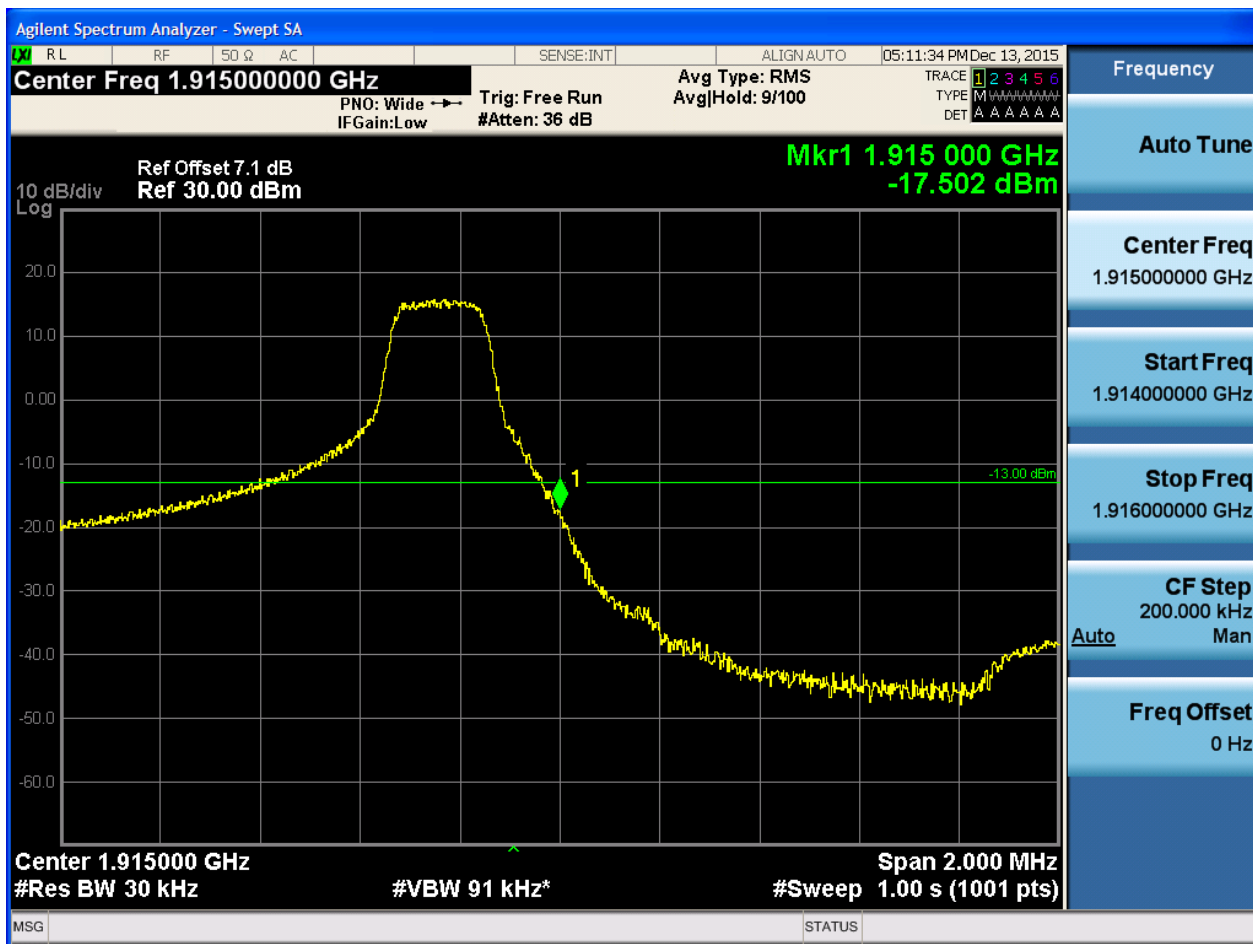
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

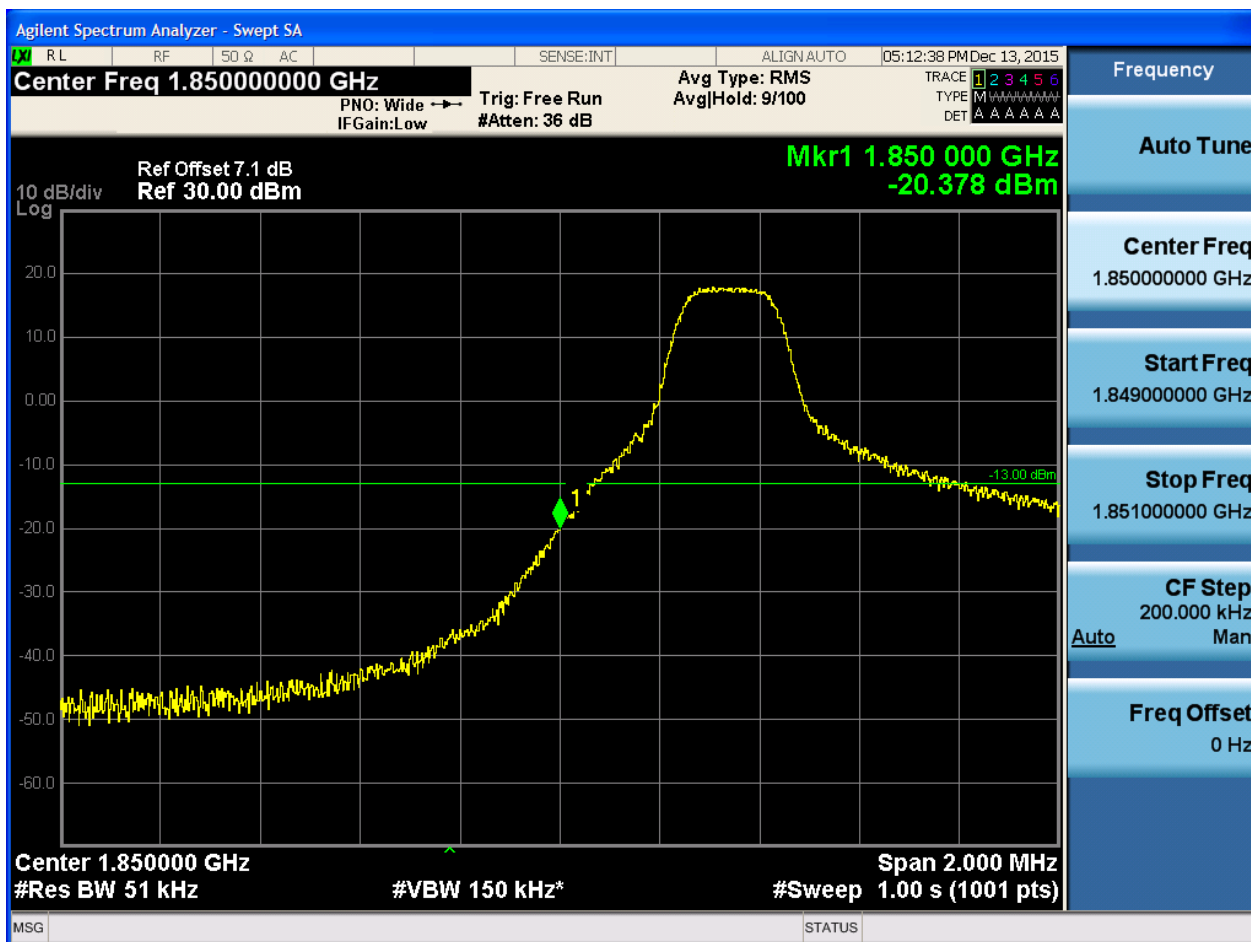




5.1.1.1.3 Test Bandwidth = 5

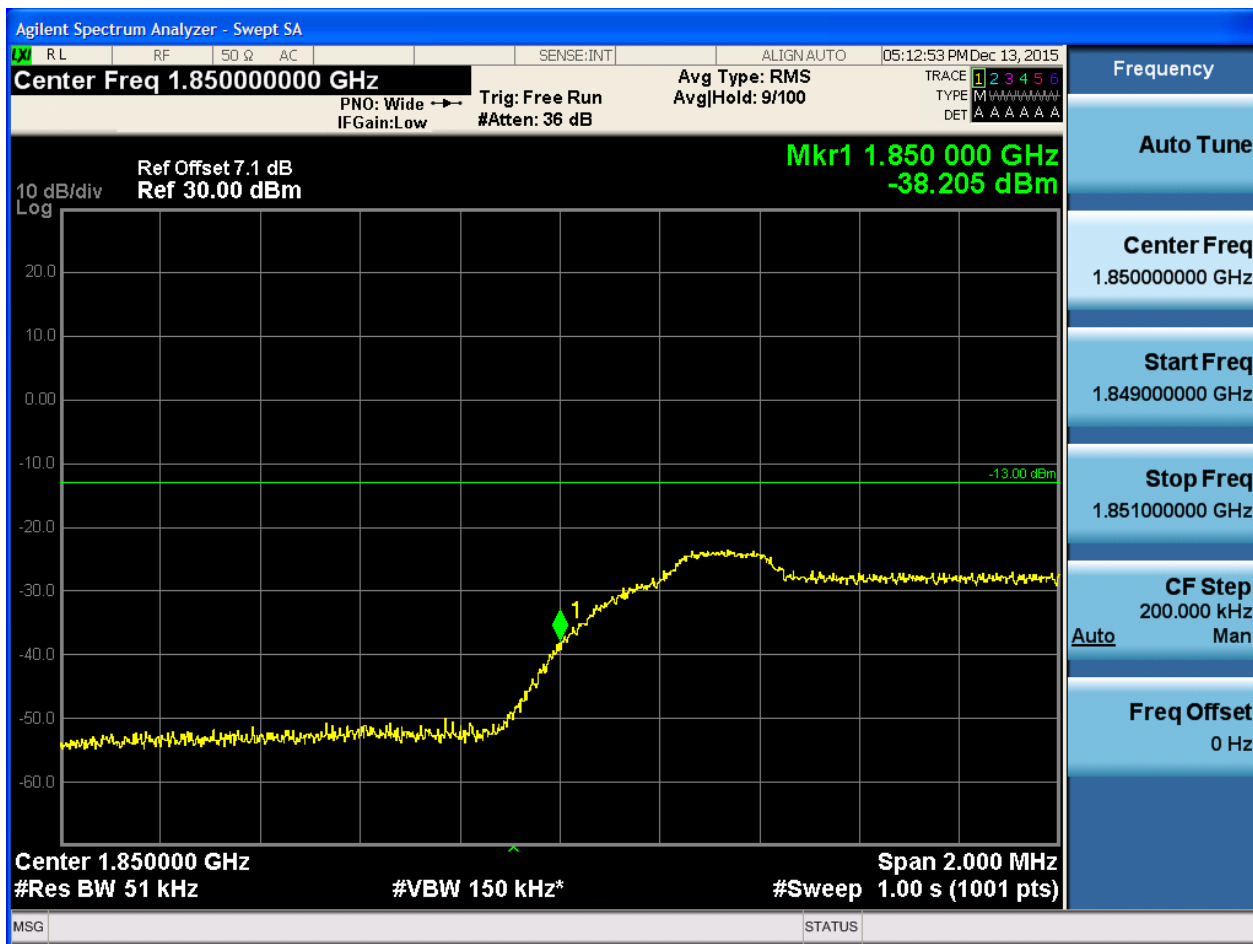
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



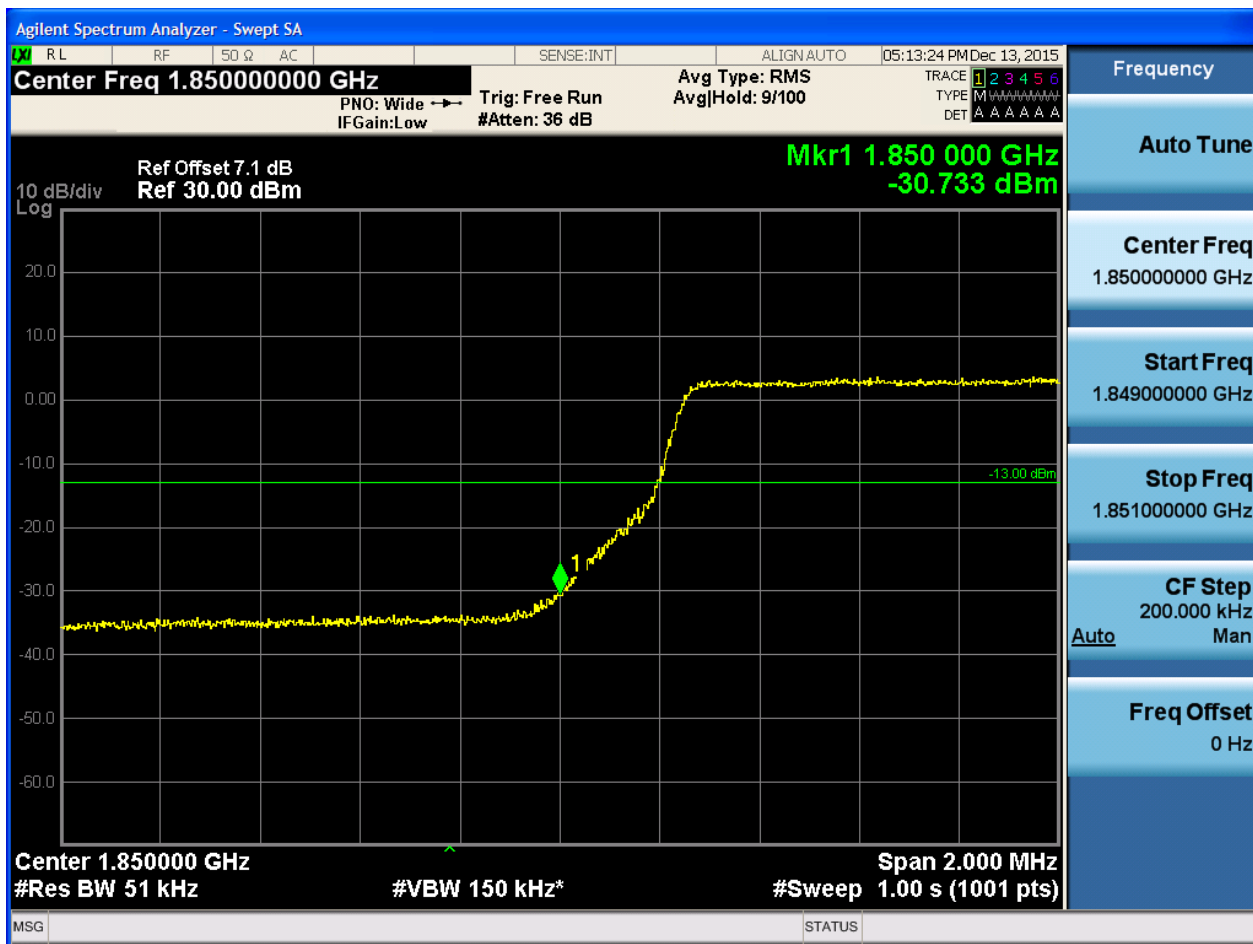


5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





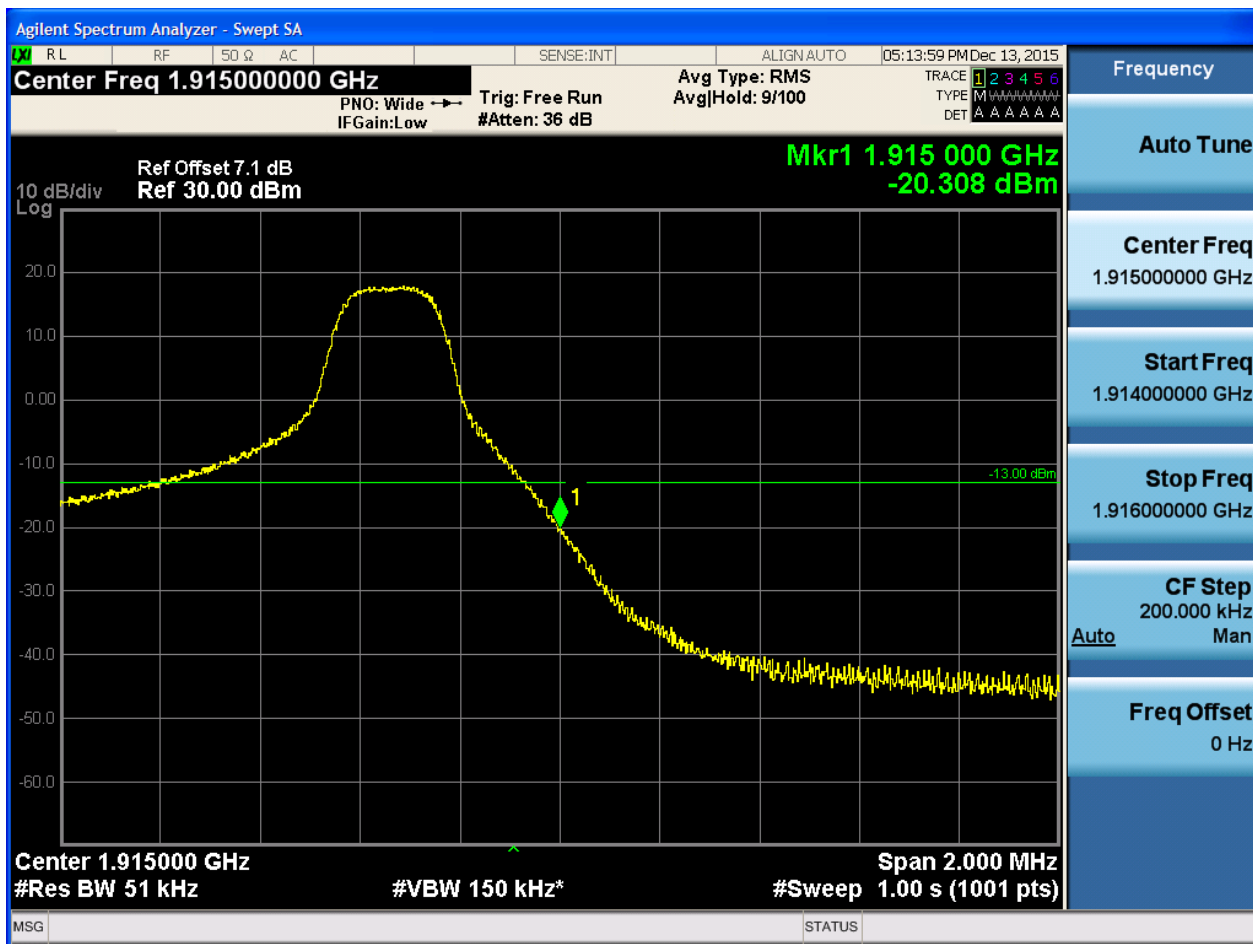
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91500000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.915 010 GHz
-32.175 dBm

Center 1.915000 GHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.91500000 GHz

Start Freq
1.914000000 GHz

Stop Freq
1.916000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 05:14:30 PM Dec 13, 2015

Center Freq 1.91500000 GHz Avg Type: RMS
PNO: Wide Trg: Free Run
IFGain: Low #Atten: 36 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.915 000 GHz
-29.332 dBm

10 dB/div
Log

Center 1.915000 GHz
#Res BW 51 kHz
#VBW 150 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.91500000 GHz

Start Freq
1.914000000 GHz

Stop Freq
1.916000000 GHz

CF Step
200.000 kHz
Man

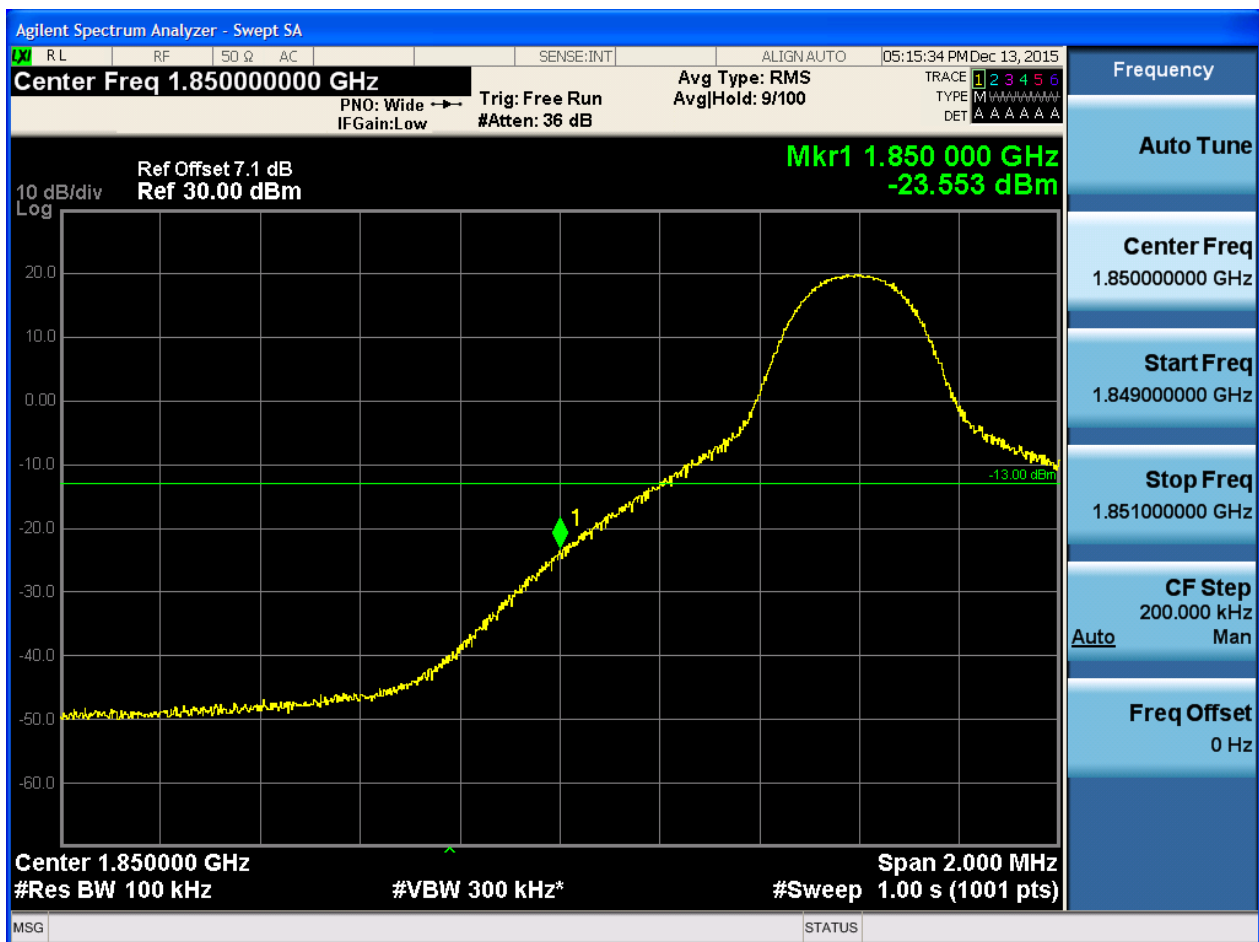
Auto

Freq Offset
0 Hz

5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



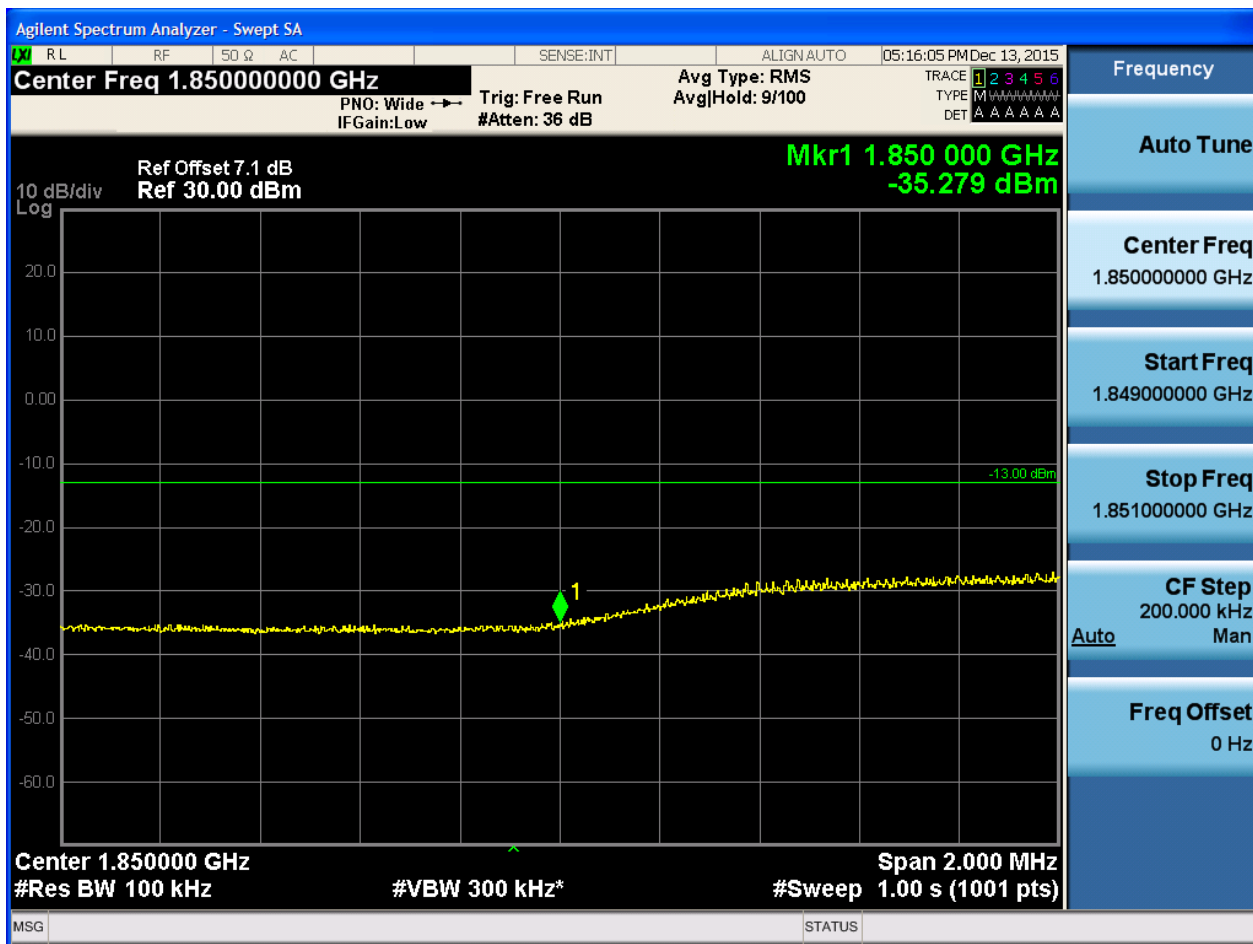


5.1.1.1.4.1.2 Test RB = RB1#49



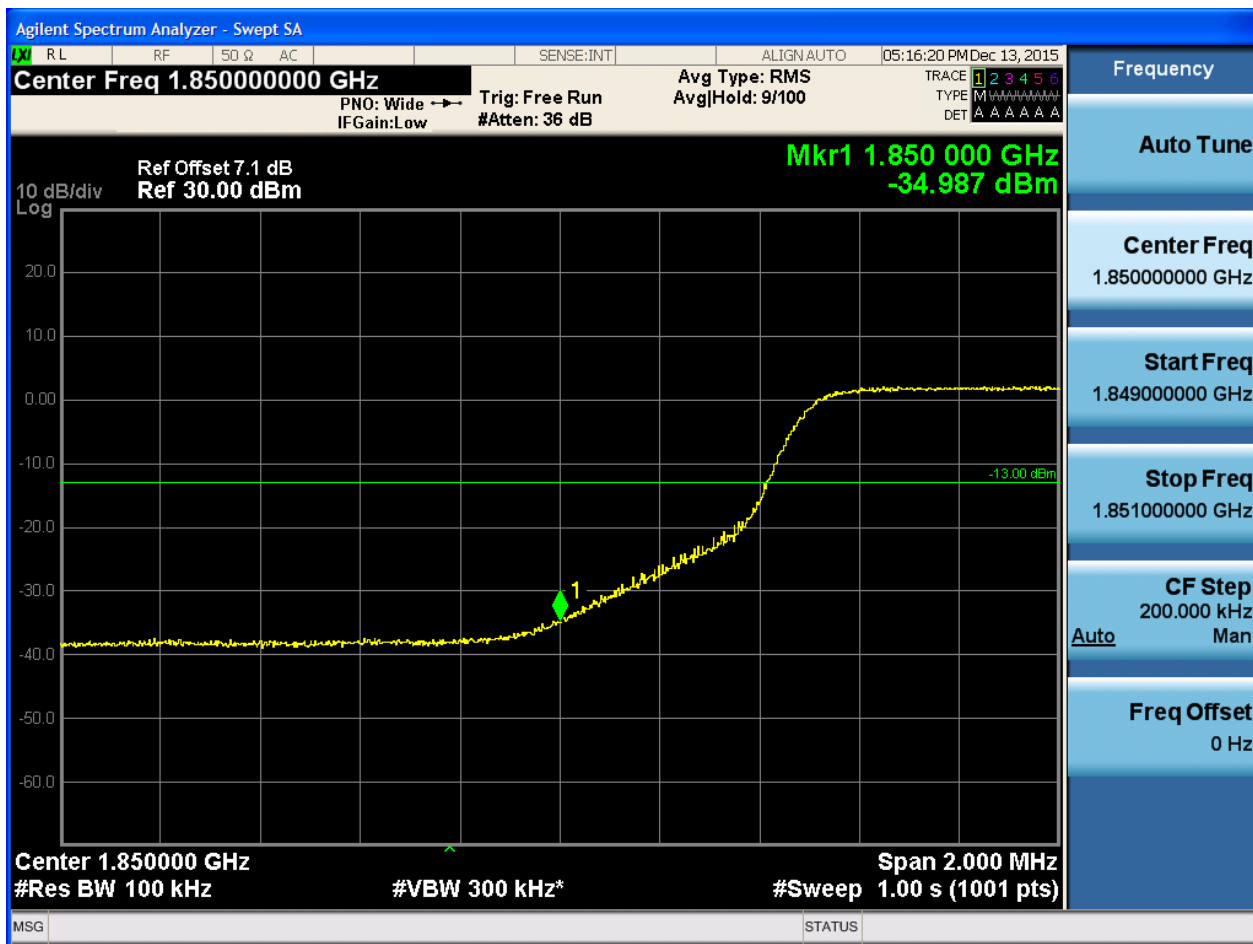


5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





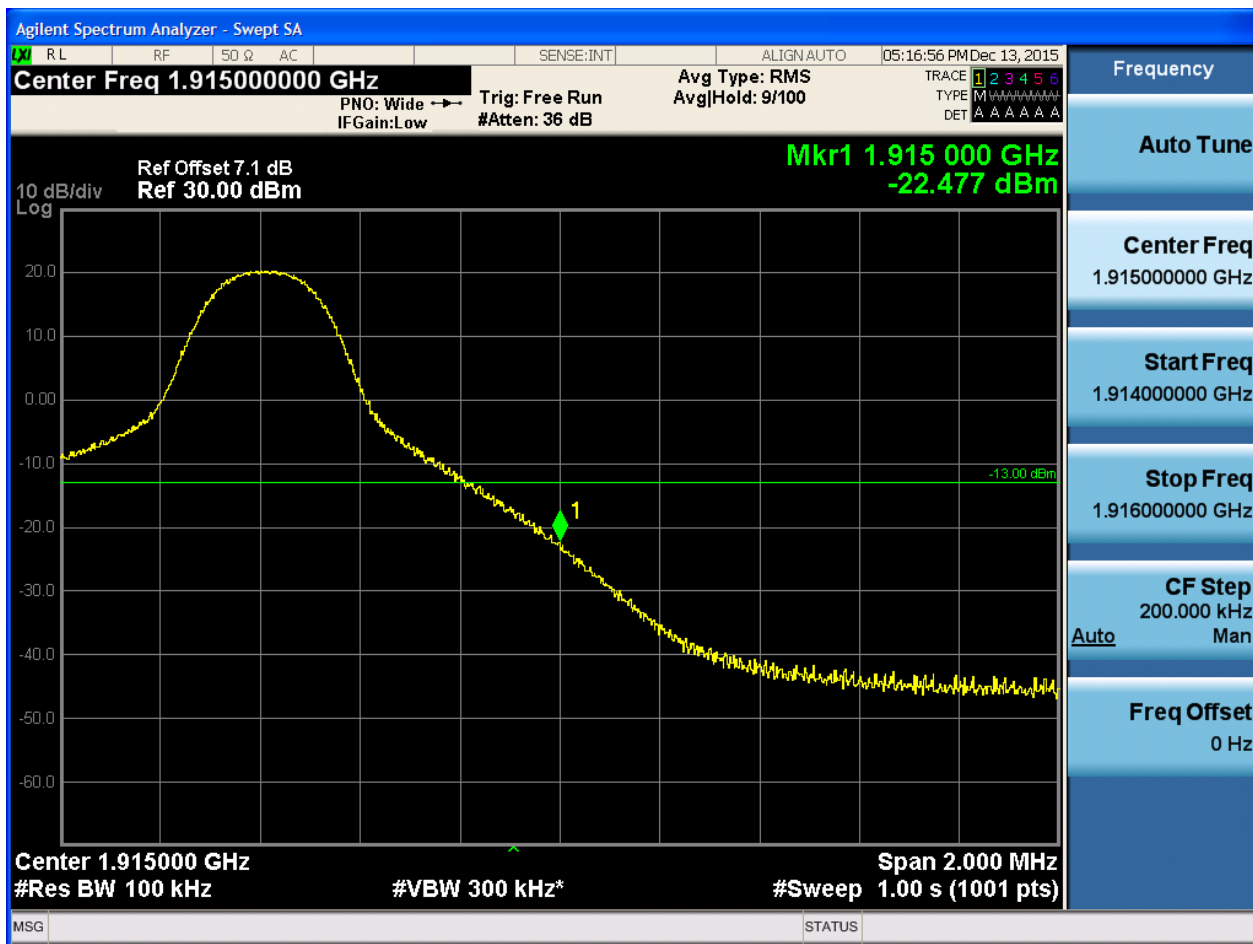
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0





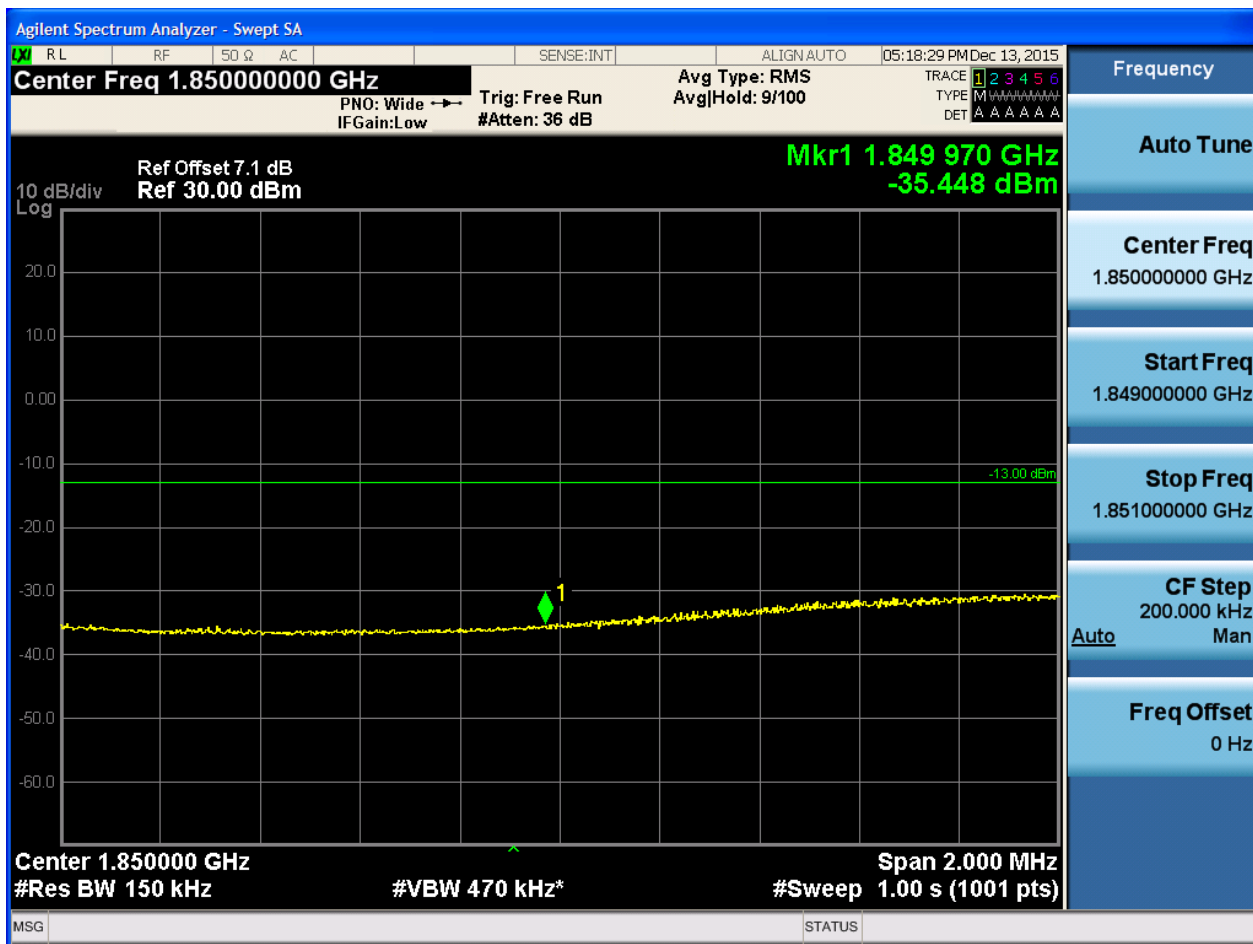


5.1.1.1.5.1.1 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





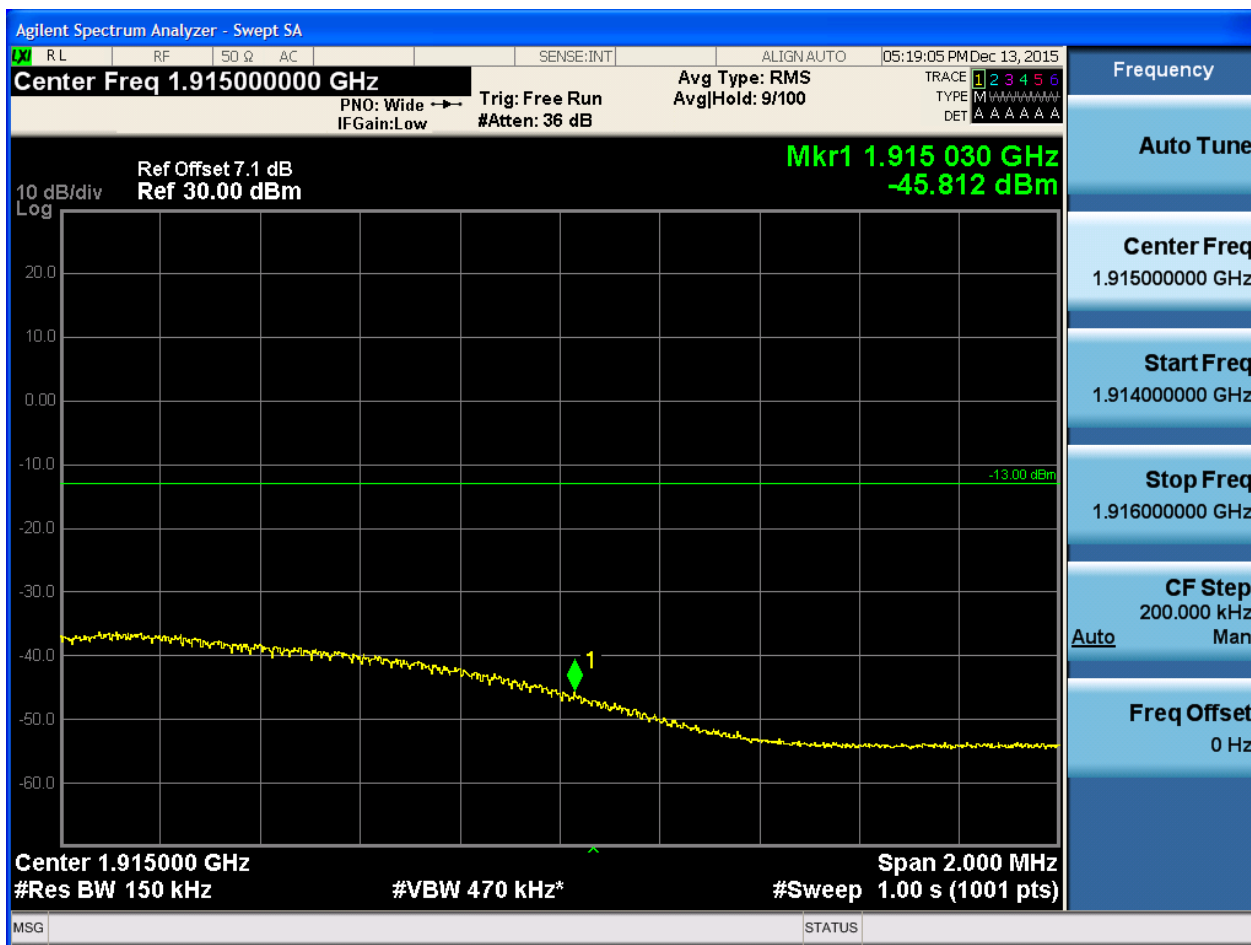
5.1.1.1.5.1.4 Test RB = RB75#0





5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

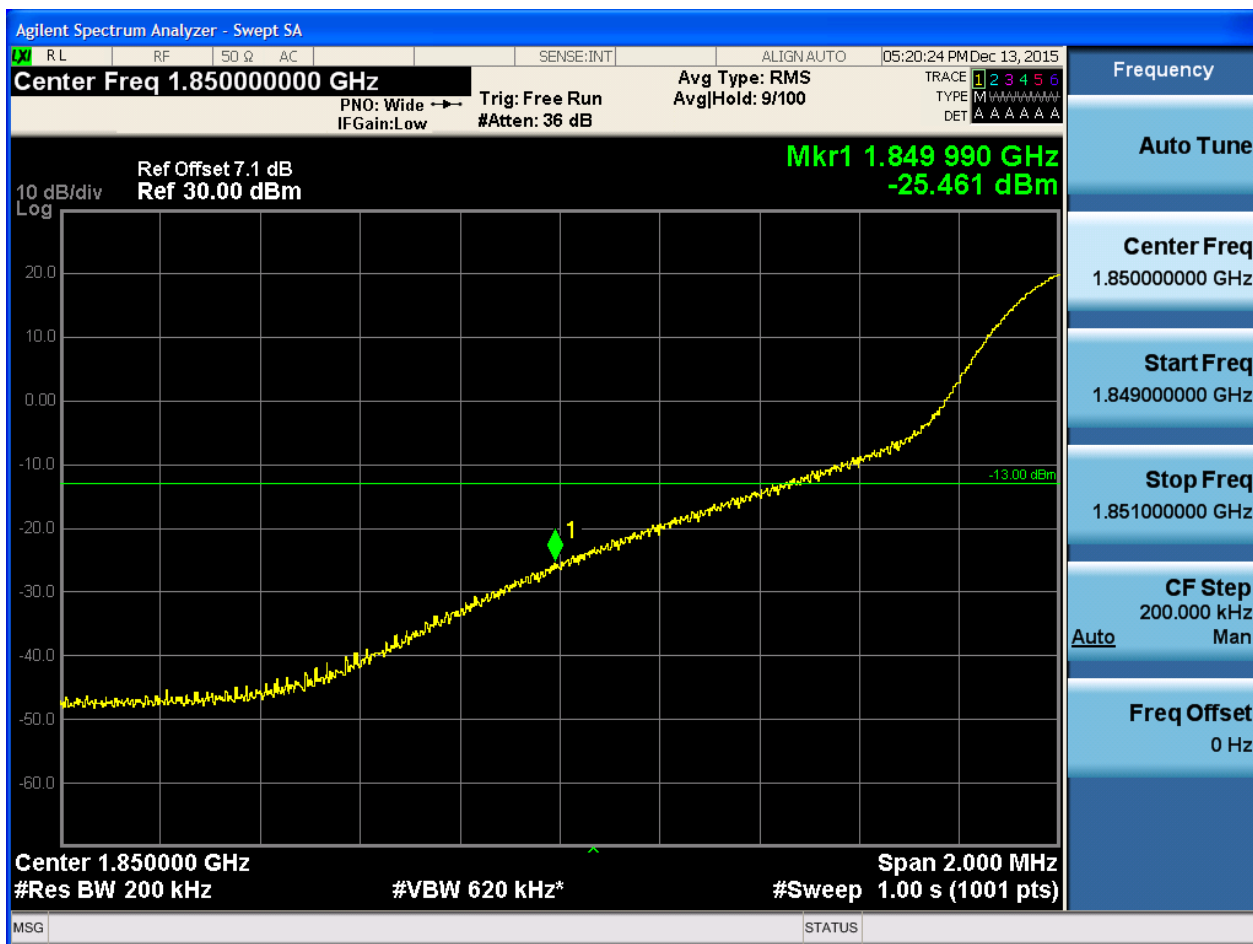




5.1.1.1.6 Test Bandwidth = 20

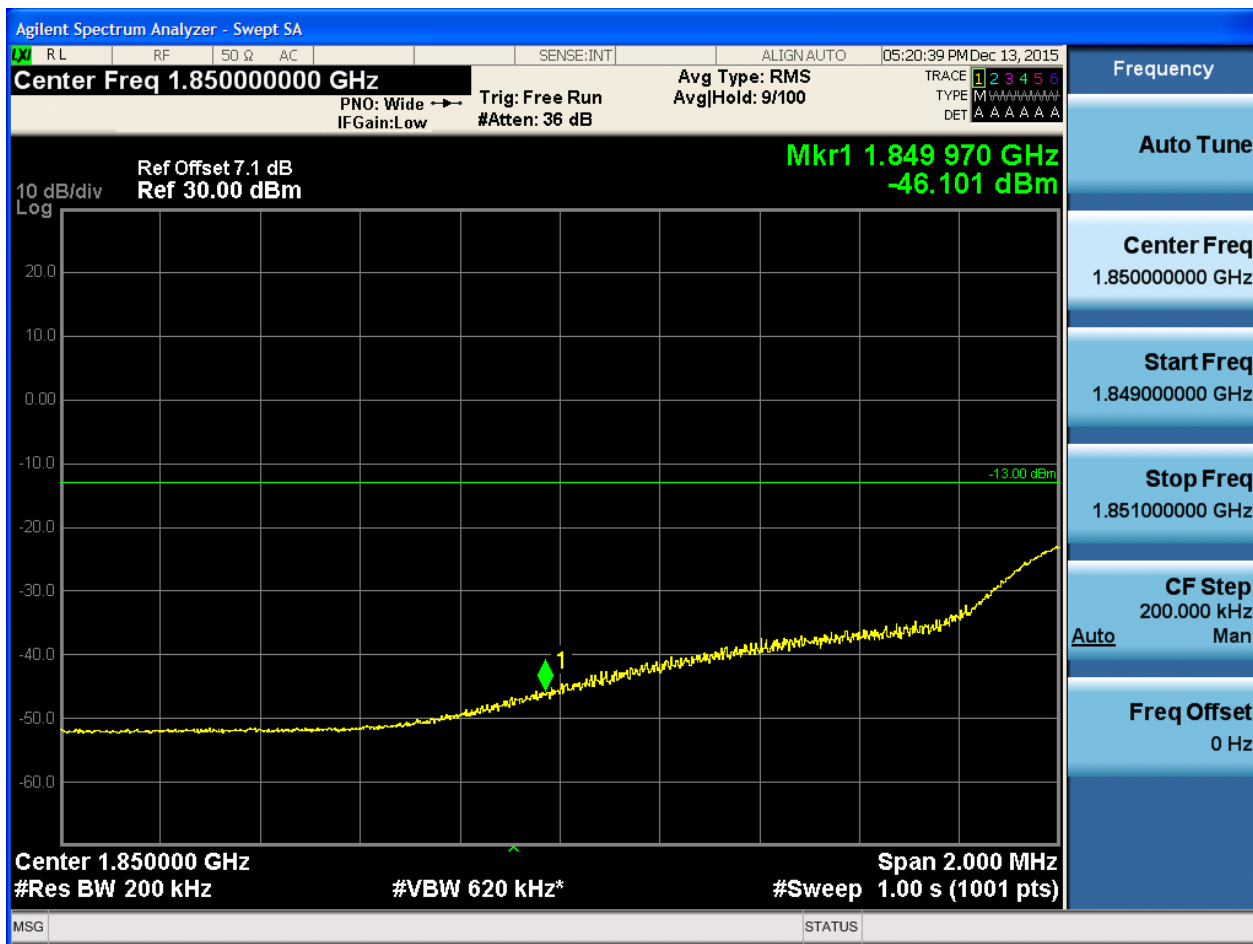
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0





5.1.1.1.6.1.2 Test RB = RB1#99



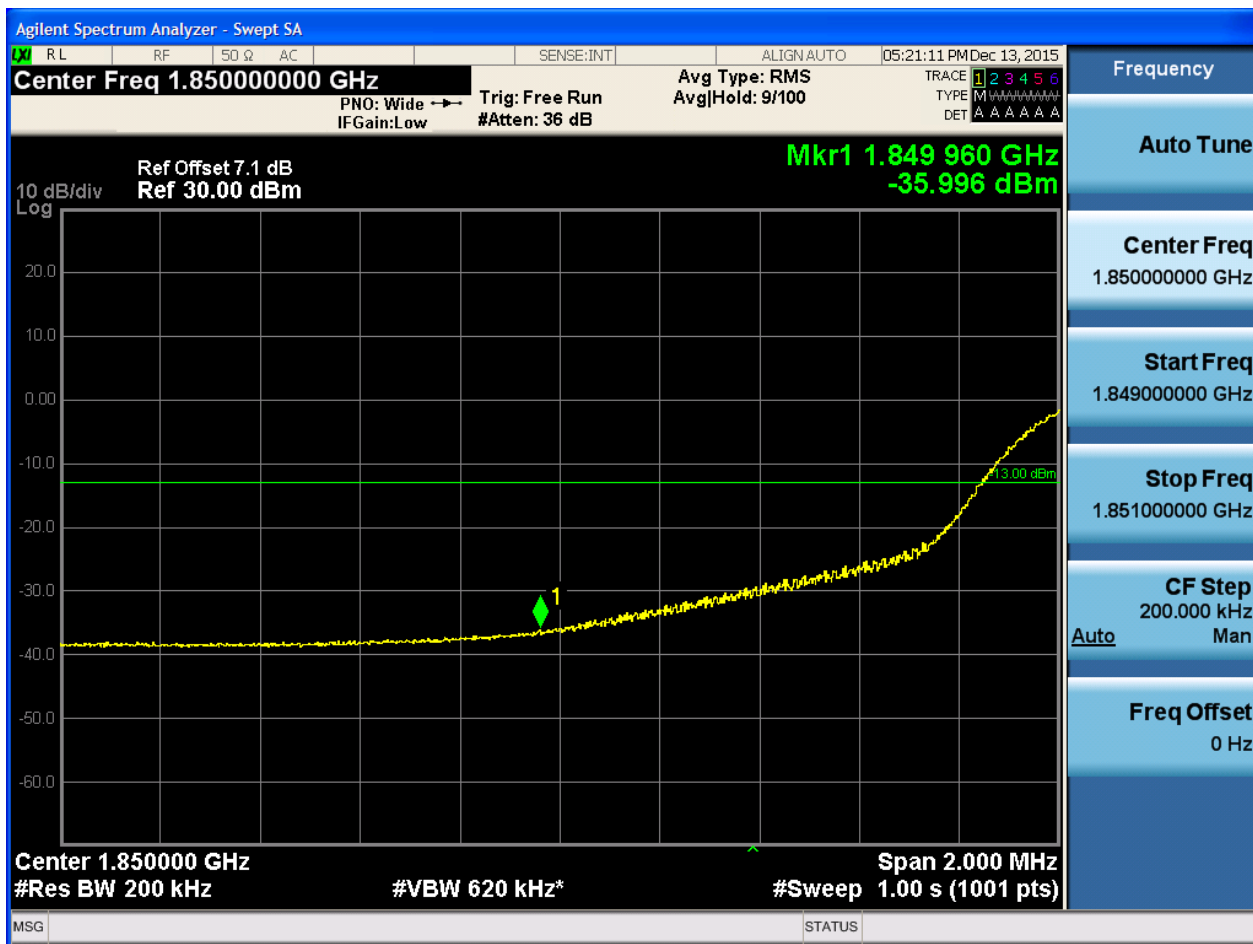


5.1.1.1.6.1.3 Test RB = RB50#25





5.1.1.1.6.1.4 Test RB = RB100#0





5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



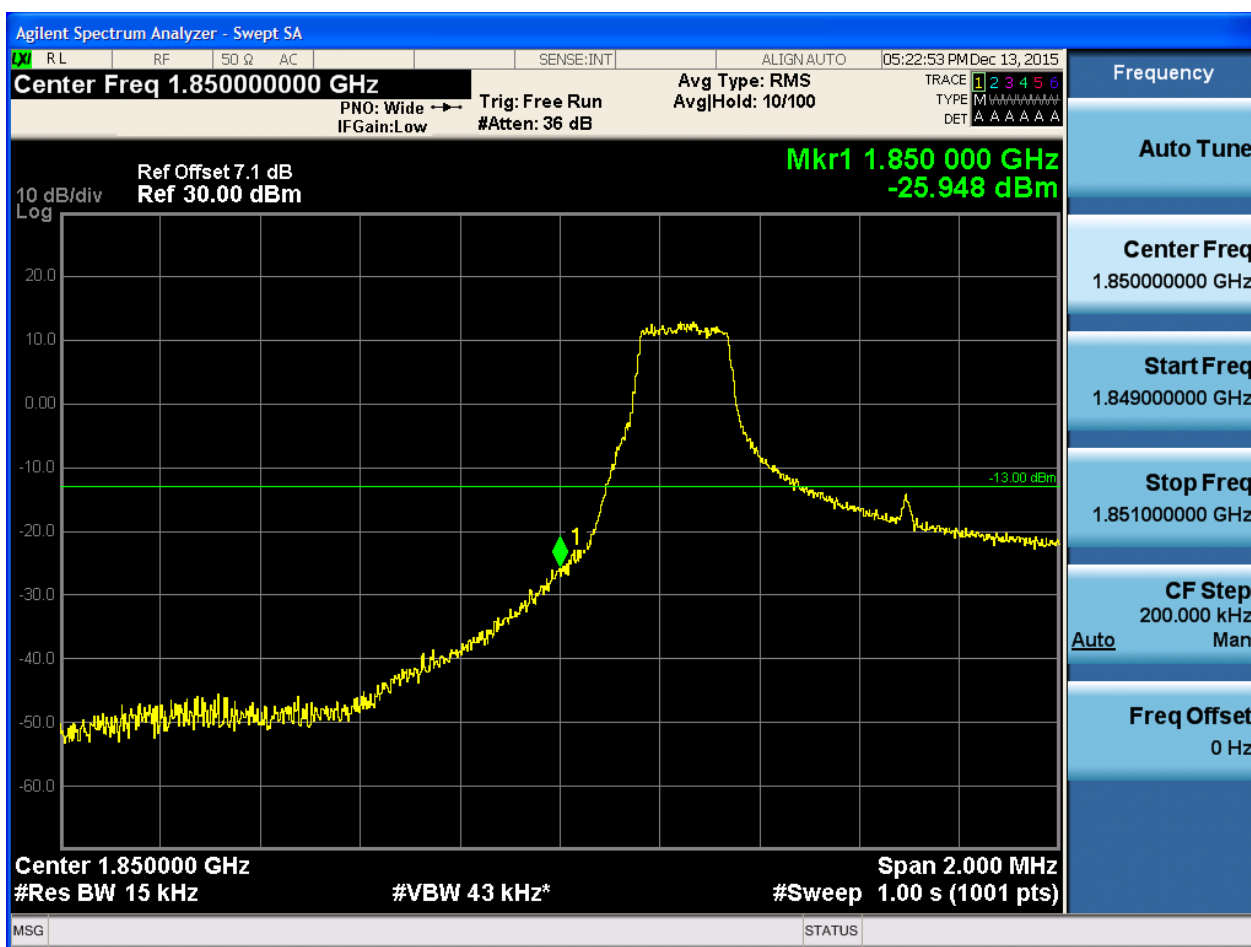


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

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#5





5.1.1.2.1.1.3 Test RB = RB3#2

