



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
BAND2	LTE/TM1	1.4	LCH	RB1#0	23.09	19.29	33	PASS
				RB1#3	23.1	19.3	33	PASS
				RB1#5	23.02	19.22	33	PASS
				RB3#0	23.07	19.27	33	PASS
				RB3#2	23.05	19.25	33	PASS
				RB3#3	23.04	19.24	33	PASS
				RB6#0	22.24	18.44	33	PASS
			MCH	RB1#0	23.39	19.59	33	PASS
				RB1#3	23.38	19.58	33	PASS
				RB1#5	23.32	19.52	33	PASS
				RB3#0	23.36	19.56	33	PASS
				RB3#2	23.38	19.58	33	PASS
				RB3#3	23.33	19.53	33	PASS
				RB6#0	22.52	18.72	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.45	19.65	33	PASS
				RB1#3	23.38	19.58	33	PASS
				RB1#5	23.19	19.39	33	PASS
				RB3#0	23.41	19.61	33	PASS
				RB3#2	23.31	19.51	33	PASS
				RB3#3	23.22	19.42	33	PASS
				RB6#0	22.52	18.72	33	PASS
		3	LCH	RB1#0	23	19.2	33	PASS
				RB1#7	23.2	19.4	33	PASS
				RB1#14	22.85	19.05	33	PASS
				RB8#0	22.17	18.37	33	PASS
				RB8#4	22.17	18.37	33	PASS
				RB8#7	22.07	18.27	33	PASS
				RB15#0	22.12	18.32	33	PASS
			MCH	RB1#0	23.3	19.5	33	PASS
				RB1#7	23.44	19.64	33	PASS
				RB1#14	23.25	19.45	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.55	18.75	33	PASS
				RB8#4	22.5	18.7	33	PASS
				RB8#7	22.46	18.66	33	PASS
				RB15#0	22.52	18.72	33	PASS
			HCH	RB1#0	23.58	19.78	33	PASS
				RB1#7	23.62	19.82	33	PASS
				RB1#14	23.16	19.36	33	PASS
				RB8#0	22.7	18.9	33	PASS
				RB8#4	22.65	18.85	33	PASS
				RB8#7	22.53	18.73	33	PASS
				RB15#0	22.62	18.82	33	PASS
		5	LCH	RB1#0	23.02	19.22	33	PASS
				RB1#13	23.2	19.4	33	PASS
				RB1#24	22.86	19.06	33	PASS
				RB12#0	22.26	18.46	33	PASS
				RB12#6	22.29	18.49	33	PASS
				RB12#13	22.15	18.35	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.17	18.37	33	PASS
			MCH	RB1#0	23.42	19.62	33	PASS
				RB1#13	23.6	19.8	33	PASS
				RB1#24	23.25	19.45	33	PASS
				RB12#0	22.62	18.82	33	PASS
				RB12#6	22.66	18.86	33	PASS
				RB12#13	22.5	18.7	33	PASS
				RB25#0	22.56	18.76	33	PASS
			HCH	RB1#0	23.65	19.85	33	PASS
				RB1#13	23.67	19.87	33	PASS
				RB1#24	23.06	19.26	33	PASS
				RB12#0	22.9	19.1	33	PASS
				RB12#6	22.83	19.03	33	PASS
				RB12#13	22.54	18.74	33	PASS
				RB25#0	22.72	18.92	33	PASS
		10	LCH	RB1#0	22.97	19.17	33	PASS
				RB1#25	23.37	19.57	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.9	19.1	33	PASS
				RB25#0	22.2	18.4	33	PASS
				RB25#13	22.32	18.52	33	PASS
				RB25#25	22.22	18.42	33	PASS
				RB50#0	22.17	18.37	33	PASS
			MCH	RB1#0	23.28	19.48	33	PASS
				RB1#25	23.59	19.79	33	PASS
				RB1#49	23.15	19.35	33	PASS
				RB25#0	22.57	18.77	33	PASS
				RB25#13	22.59	18.79	33	PASS
				RB25#25	22.5	18.7	33	PASS
				RB50#0	22.56	18.76	33	PASS
			HCH	RB1#0	23.56	19.76	33	PASS
				RB1#25	23.91	20.11	33	PASS
				RB1#49	23.09	19.29	33	PASS
				RB25#0	22.83	19.03	33	PASS
				RB25#13	22.86	19.06	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.69	18.89	33	PASS
				RB50#0	22.7	18.9	33	PASS
		15	LCH	RB1#0	22.69	18.89	33	PASS
				RB1#38	23.35	19.55	33	PASS
				RB1#74	22.76	18.96	33	PASS
				RB38#0	22.15	18.35	33	PASS
				RB38#19	22.32	18.52	33	PASS
				RB38#39	22.14	18.34	33	PASS
				RB75#0	22.14	18.34	33	PASS
			MCH	RB1#0	23.08	19.28	33	PASS
				RB1#38	23.52	19.72	33	PASS
				RB1#74	22.84	19.04	33	PASS
				RB38#0	22.54	18.74	33	PASS
				RB38#19	22.67	18.87	33	PASS
				RB38#39	22.38	18.58	33	PASS
				RB75#0	22.4	18.6	33	PASS
			HCH	RB1#0	22.98	19.18	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.9	20.1	33	PASS
				RB1#74	22.85	19.05	33	PASS
				RB38#0	22.49	18.69	33	PASS
				RB38#19	22.81	19.01	33	PASS
				RB38#39	22.56	18.76	33	PASS
				RB75#0	22.48	18.68	33	PASS
		20	LCH	RB1#0	21.39	17.59	33	PASS
				RB1#50	22.2	18.4	33	PASS
				RB1#99	21.47	17.67	33	PASS
				RB50#0	22.03	18.23	33	PASS
				RB50#25	22.32	18.52	33	PASS
				RB50#50	22.11	18.31	33	PASS
				RB100#0	22.1	18.3	33	PASS
			MCH	RB1#0	21.85	18.05	33	PASS
				RB1#50	22.43	18.63	33	PASS
				RB1#99	21.55	17.75	33	PASS
				RB50#0	22.42	18.62	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.56	18.76	33	PASS
				RB50#50	22.26	18.46	33	PASS
				RB100#0	22.28	18.48	33	PASS
			HCH	RB1#0	21.74	17.94	33	PASS
				RB1#50	22.83	19.03	33	PASS
				RB1#99	21.74	17.94	33	PASS
				RB50#0	22.21	18.41	33	PASS
				RB50#25	22.54	18.74	33	PASS
				RB50#50	22.38	18.58	33	PASS
				RB100#0	22.27	18.47	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.2	18.4	33	PASS
				RB1#3	22.24	18.44	33	PASS
				RB1#5	22.1	18.3	33	PASS
				RB3#0	22.34	18.54	33	PASS
				RB3#2	22.29	18.49	33	PASS
				RB3#3	22.24	18.44	33	PASS
				RB6#0	21.39	17.59	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.49	18.69	33	PASS
				RB1#3	22.49	18.69	33	PASS
				RB1#5	22.43	18.63	33	PASS
				RB3#0	22.57	18.77	33	PASS
				RB3#2	22.55	18.75	33	PASS
				RB3#3	22.48	18.68	33	PASS
				RB6#0	21.59	17.79	33	PASS
			HCH	RB1#0	22.41	18.61	33	PASS
				RB1#3	22.36	18.56	33	PASS
				RB1#5	22.18	18.38	33	PASS
				RB3#0	22.51	18.71	33	PASS
				RB3#2	22.42	18.62	33	PASS
				RB3#3	22.34	18.54	33	PASS
				RB6#0	21.52	17.72	33	PASS
		3	LCH	RB1#0	22.11	18.31	33	PASS
				RB1#7	22.31	18.51	33	PASS
				RB1#14	21.95	18.15	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.42	17.62	33	PASS
				RB8#4	21.42	17.62	33	PASS
				RB8#7	21.34	17.54	33	PASS
				RB15#0	21.25	17.45	33	PASS
			MCH	RB1#0	22.57	18.77	33	PASS
				RB1#7	22.69	18.89	33	PASS
				RB1#14	22.46	18.66	33	PASS
				RB8#0	21.68	17.88	33	PASS
				RB8#4	21.63	17.83	33	PASS
				RB8#7	21.6	17.8	33	PASS
				RB15#0	21.51	17.71	33	PASS
			HCH	RB1#0	22.45	18.65	33	PASS
				RB1#7	22.47	18.67	33	PASS
				RB1#14	21.99	18.19	33	PASS
				RB8#0	21.69	17.89	33	PASS
				RB8#4	21.65	17.85	33	PASS
				RB8#7	21.48	17.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5		RB15#0	21.61	17.81	33	PASS
				RB1#0	21.94	18.14	33	PASS
				RB1#13	22.1	18.3	33	PASS
				RB1#24	21.7	17.9	33	PASS
				RB12#0	21.4	17.6	33	PASS
				RB12#6	21.43	17.63	33	PASS
				RB12#13	21.24	17.44	33	PASS
				RB25#0	21.31	17.51	33	PASS
			MCH	RB1#0	22.43	18.63	33	PASS
				RB1#13	22.58	18.78	33	PASS
				RB1#24	22.24	18.44	33	PASS
				RB12#0	21.67	17.87	33	PASS
				RB12#6	21.69	17.89	33	PASS
				RB12#13	21.55	17.75	33	PASS
				RB25#0	21.6	17.8	33	PASS
			HCH	RB1#0	22.9	19.1	33	PASS
				RB1#13	22.89	19.09	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.2	18.4	33	PASS
				RB12#0	21.84	18.04	33	PASS
				RB12#6	21.77	17.97	33	PASS
				RB12#13	21.51	17.71	33	PASS
				RB25#0	21.68	17.88	33	PASS
		10	LCH	RB1#0	22.04	18.24	33	PASS
				RB1#25	22.47	18.67	33	PASS
				RB1#49	22	18.2	33	PASS
				RB25#0	21.29	17.49	33	PASS
				RB25#13	21.41	17.61	33	PASS
				RB25#25	21.31	17.51	33	PASS
				RB50#0	21.28	17.48	33	PASS
			MCH	RB1#0	22.54	18.74	33	PASS
				RB1#25	22.79	18.99	33	PASS
				RB1#49	22.37	18.57	33	PASS
				RB25#0	21.59	17.79	33	PASS
				RB25#13	21.6	17.8	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.51	17.71	33	PASS
				RB50#0	21.61	17.81	33	PASS
			HCH	RB1#0	22.51	18.71	33	PASS
				RB1#25	22.89	19.09	33	PASS
				RB1#49	22.1	18.3	33	PASS
				RB25#0	21.69	17.89	33	PASS
				RB25#13	21.79	17.99	33	PASS
				RB25#25	21.64	17.84	33	PASS
				RB50#0	21.64	17.84	33	PASS
		15	LCH	RB1#0	21.94	18.14	33	PASS
				RB1#38	22.68	18.88	33	PASS
				RB1#74	22.06	18.26	33	PASS
				RB38#0	21.22	17.42	33	PASS
				RB38#19	21.41	17.61	33	PASS
				RB38#39	21.28	17.48	33	PASS
				RB75#0	21.26	17.46	33	PASS
			MCH	RB1#0	22.3	18.5	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.72	18.92	33	PASS
				RB1#74	21.96	18.16	33	PASS
				RB38#0	21.54	17.74	33	PASS
				RB38#19	21.67	17.87	33	PASS
				RB38#39	21.39	17.59	33	PASS
				RB75#0	21.42	17.62	33	PASS
			HCH	RB1#0	22.14	18.34	33	PASS
				RB1#38	22.98	19.18	33	PASS
				RB1#74	22.12	18.32	33	PASS
				RB38#0	21.47	17.67	33	PASS
				RB38#19	21.79	17.99	33	PASS
				RB38#39	21.56	17.76	33	PASS
				RB75#0	21.44	17.64	33	PASS
		20	LCH	RB1#0	21.75	17.95	33	PASS
				RB1#50	22.45	18.65	33	PASS
				RB1#99	21.77	17.97	33	PASS
				RB50#0	21.11	17.31	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.37	17.57	33	PASS
				RB50#50	21.17	17.37	33	PASS
				RB100#0	21.15	17.35	33	PASS
			MCH	RB1#0	22.15	18.35	33	PASS
				RB1#50	22.64	18.84	33	PASS
				RB1#99	21.83	18.03	33	PASS
				RB50#0	21.43	17.63	33	PASS
				RB50#25	21.58	17.78	33	PASS
				RB50#50	21.29	17.49	33	PASS
				RB100#0	21.31	17.51	33	PASS
			HCH	RB1#0	22.11	18.31	33	PASS
				RB1#50	22.99	19.19	33	PASS
				RB1#99	22.13	18.33	33	PASS
				RB50#0	21.2	17.4	33	PASS
				RB50#25	21.47	17.67	33	PASS
				RB50#50	21.32	17.52	33	PASS
				RB100#0	21.29	17.49	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:

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

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

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

SET Sweep time=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
BAND2	LTE/TM1	1.4	LCH	RB1#0	4.1	13	PASS
				RB1#3	4.15	13	PASS
				RB1#5	4.13	13	PASS
				RB3#0	4.2	13	PASS
				RB3#2	4.19	13	PASS
				RB3#3	4.21	13	PASS
				RB6#0	5.21	13	PASS
			MCH	RB1#0	3.93	13	PASS
				RB1#3	3.85	13	PASS
				RB1#5	3.88	13	PASS
				RB3#0	4.08	13	PASS
				RB3#2	4.01	13	PASS
				RB3#3	4.1	13	PASS
				RB6#0	5.26	13	PASS
			HCH	RB1#0	3.19	13	PASS
				RB1#3	3.18	13	PASS
				RB1#5	3.19	13	PASS
				RB3#0	3.5	13	PASS
				RB3#2	3.36	13	PASS
				RB3#3	3.56	13	PASS
				RB6#0	4.6	13	PASS
		3	LCH	RB1#0	3.91	13	PASS
				RB1#7	3.72	13	PASS
				RB1#14	3.91	13	PASS
				RB8#0	4.9	13	PASS
				RB8#4	4.89	13	PASS
				RB8#7	4.96	13	PASS
				RB15#0	5.42	13	PASS
			MCH	RB1#0	3.73	13	PASS
				RB1#7	3.58	13	PASS
				RB1#14	3.82	13	PASS
				RB8#0	5.06	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	4.98	13	PASS
				RB8#7	5.11	13	PASS
				RB15#0	5.35	13	PASS
			HCH	RB1#0	3.37	13	PASS
				RB1#7	3.08	13	PASS
				RB1#14	3.28	13	PASS
				RB8#0	4.61	13	PASS
				RB8#4	4.43	13	PASS
				RB8#7	4.51	13	PASS
				RB15#0	5.19	13	PASS
		5	LCH	RB1#0	4.23	13	PASS
				RB1#13	3.89	13	PASS
				RB1#24	4.15	13	PASS
				RB12#0	5.01	13	PASS
				RB12#6	4.82	13	PASS
				RB12#13	5.25	13	PASS
				RB25#0	5.63	13	PASS
			MCH	RB1#0	3.83	13	PASS
				RB1#13	3.69	13	PASS
				RB1#24	3.89	13	PASS
				RB12#0	5	13	PASS
				RB12#6	4.83	13	PASS
				RB12#13	5.07	13	PASS
				RB25#0	5.85	13	PASS
			HCH	RB1#0	3.59	13	PASS
				RB1#13	3.31	13	PASS
				RB1#24	3.51	13	PASS
				RB12#0	4.7	13	PASS
				RB12#6	4.36	13	PASS
				RB12#13	4.58	13	PASS
				RB25#0	5.12	13	PASS
		10	LCH	RB1#0	4.15	13	PASS
				RB1#25	3.95	13	PASS
				RB1#49	4.35	13	PASS
				RB25#0	5.31	13	PASS
				RB25#13	5.16	13	PASS
				RB25#25	5.35	13	PASS
				RB50#0	5.73	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	3.94	13	PASS
				RB1#25	3.76	13	PASS
				RB1#49	4.05	13	PASS
				RB25#0	5.06	13	PASS
				RB25#13	4.99	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	5.6	13	PASS
			HCH	RB1#0	4.07	13	PASS
				RB1#25	3.44	13	PASS
				RB1#49	3.36	13	PASS
				RB25#0	5.2	13	PASS
				RB25#13	4.83	13	PASS
				RB25#25	4.72	13	PASS
				RB50#0	5.54	13	PASS
		15	LCH	RB1#0	4.27	13	PASS
				RB1#38	4.09	13	PASS
				RB1#74	4.55	13	PASS
				RB38#0	5.46	13	PASS
				RB38#19	5.28	13	PASS
				RB38#39	5.56	13	PASS
				RB75#0	5.91	13	PASS
			MCH	RB1#0	4.25	13	PASS
				RB1#38	3.9	13	PASS
				RB1#74	4.37	13	PASS
				RB38#0	5.24	13	PASS
				RB38#19	4.98	13	PASS
				RB38#39	5.25	13	PASS
				RB75#0	5.81	13	PASS
			HCH	RB1#0	4.75	13	PASS
				RB1#38	3.89	13	PASS
				RB1#74	4	13	PASS
				RB38#0	5.56	13	PASS
				RB38#19	5.11	13	PASS
				RB38#39	5.02	13	PASS
				RB75#0	5.9	13	PASS
		20	LCH	RB1#0	5.03	13	PASS
				RB1#50	4.83	13	PASS
				RB1#99	5.33	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.61	13	PASS
				RB50#25	5.42	13	PASS
				RB50#50	5.61	13	PASS
				RB100#0	5.87	13	PASS
			MCH	RB1#0	5.15	13	PASS
				RB1#50	4.67	13	PASS
				RB1#99	5.39	13	PASS
				RB50#0	5.34	13	PASS
				RB50#25	5.04	13	PASS
				RB50#50	5.35	13	PASS
				RB100#0	5.84	13	PASS
			HCH	RB1#0	5.1	13	PASS
				RB1#50	4.6	13	PASS
				RB1#99	4.56	13	PASS
				RB50#0	5.72	13	PASS
				RB50#25	5.32	13	PASS
				RB50#50	5.25	13	PASS
				RB100#0	5.92	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.8	13	PASS
				RB1#3	4.88	13	PASS
				RB1#5	4.8	13	PASS
				RB3#0	5	13	PASS
				RB3#2	4.93	13	PASS
				RB3#3	5.06	13	PASS
				RB6#0	5.83	13	PASS
			MCH	RB1#0	4.77	13	PASS
				RB1#3	4.79	13	PASS
				RB1#5	4.73	13	PASS
				RB3#0	5.06	13	PASS
				RB3#2	4.79	13	PASS
				RB3#3	4.99	13	PASS
				RB6#0	5.69	13	PASS
			HCH	RB1#0	4.17	13	PASS
				RB1#3	4.1	13	PASS
				RB1#5	4.08	13	PASS
				RB3#0	4.29	13	PASS
				RB3#2	4.44	13	PASS
				RB3#3	4.29	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3		RB6#0	5.51	13	PASS
				RB1#0	4.87	13	PASS
			LCH	RB1#7	4.58	13	PASS
				RB1#14	4.94	13	PASS
				RB8#0	5.62	13	PASS
				RB8#4	5.54	13	PASS
				RB8#7	5.65	13	PASS
				RB15#0	5.9	13	PASS
			MCH	RB1#0	4.92	13	PASS
				RB1#7	4.55	13	PASS
				RB1#14	4.91	13	PASS
				RB8#0	5.49	13	PASS
				RB8#4	5.3	13	PASS
				RB8#7	5.44	13	PASS
				RB15#0	5.9	13	PASS
			HCH	RB1#0	4.34	13	PASS
				RB1#7	3.98	13	PASS
				RB1#14	4.2	13	PASS
				RB8#0	5.17	13	PASS
				RB8#4	4.93	13	PASS
				RB8#7	5.01	13	PASS
				RB15#0	5.76	13	PASS
		5	LCH	RB1#0	5.06	13	PASS
				RB1#13	4.9	13	PASS
				RB1#24	5.31	13	PASS
				RB12#0	5.52	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.57	13	PASS
				RB25#0	6.08	13	PASS
			MCH	RB1#0	5.06	13	PASS
				RB1#13	4.81	13	PASS
				RB1#24	4.95	13	PASS
				RB12#0	5.31	13	PASS
				RB12#6	5.18	13	PASS
				RB12#13	5.35	13	PASS
				RB25#0	6.07	13	PASS
			HCH	RB1#0	4.53	13	PASS
				RB1#13	4.17	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#24	4.44	13	PASS
				RB12#0	5.53	13	PASS
				RB12#6	5.26	13	PASS
				RB12#13	5.44	13	PASS
				RB25#0	6.35	13	PASS
		10	LCH	RB1#0	4.87	13	PASS
				RB1#25	5.02	13	PASS
				RB1#49	5.42	13	PASS
				RB25#0	5.71	13	PASS
				RB25#13	5.6	13	PASS
				RB25#25	5.86	13	PASS
				RB50#0	6.14	13	PASS
			MCH	RB1#0	4.89	13	PASS
				RB1#25	4.76	13	PASS
				RB1#49	4.94	13	PASS
				RB25#0	5.53	13	PASS
				RB25#13	5.41	13	PASS
				RB25#25	5.51	13	PASS
				RB50#0	6.01	13	PASS
			HCH	RB1#0	5.17	13	PASS
				RB1#25	4.57	13	PASS
				RB1#49	4.68	13	PASS
				RB25#0	5.98	13	PASS
				RB25#13	5.73	13	PASS
				RB25#25	5.63	13	PASS
				RB50#0	6.27	13	PASS
		15	LCH	RB1#0	4.9	13	PASS
				RB1#38	4.86	13	PASS
				RB1#74	5.24	13	PASS
				RB38#0	5.81	13	PASS
				RB38#19	5.69	13	PASS
				RB38#39	5.94	13	PASS
				RB75#0	6.57	13	PASS
			MCH	RB1#0	5.02	13	PASS
				RB1#38	4.64	13	PASS
				RB1#74	5.16	13	PASS
				RB38#0	5.63	13	PASS
				RB38#19	5.33	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#39	5.61	13	PASS
				RB75#0	6.25	13	PASS
			HCH	RB1#0	5.46	13	PASS
				RB1#38	4.72	13	PASS
				RB1#74	4.61	13	PASS
				RB38#0	6.29	13	PASS
				RB38#19	6	13	PASS
				RB38#39	5.86	13	PASS
				RB75#0	6.63	13	PASS
		20	LCH	RB1#0	5.53	13	PASS
				RB1#50	5.23	13	PASS
				RB1#99	5.55	13	PASS
				RB50#0	5.99	13	PASS
				RB50#25	5.79	13	PASS
				RB50#50	6.07	13	PASS
				RB100#0	6.36	13	PASS
			MCH	RB1#0	5.5	13	PASS
				RB1#50	4.72	13	PASS
				RB1#99	5.58	13	PASS
				RB50#0	5.72	13	PASS
				RB50#25	5.45	13	PASS
				RB50#50	5.69	13	PASS
				RB100#0	6.23	13	PASS
			HCH	RB1#0	5.34	13	PASS
				RB1#50	4.75	13	PASS
				RB1#99	4.85	13	PASS
				RB50#0	6.38	13	PASS
				RB50#25	6.21	13	PASS
				RB50#50	6.05	13	PASS
				RB100#0	6.72	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

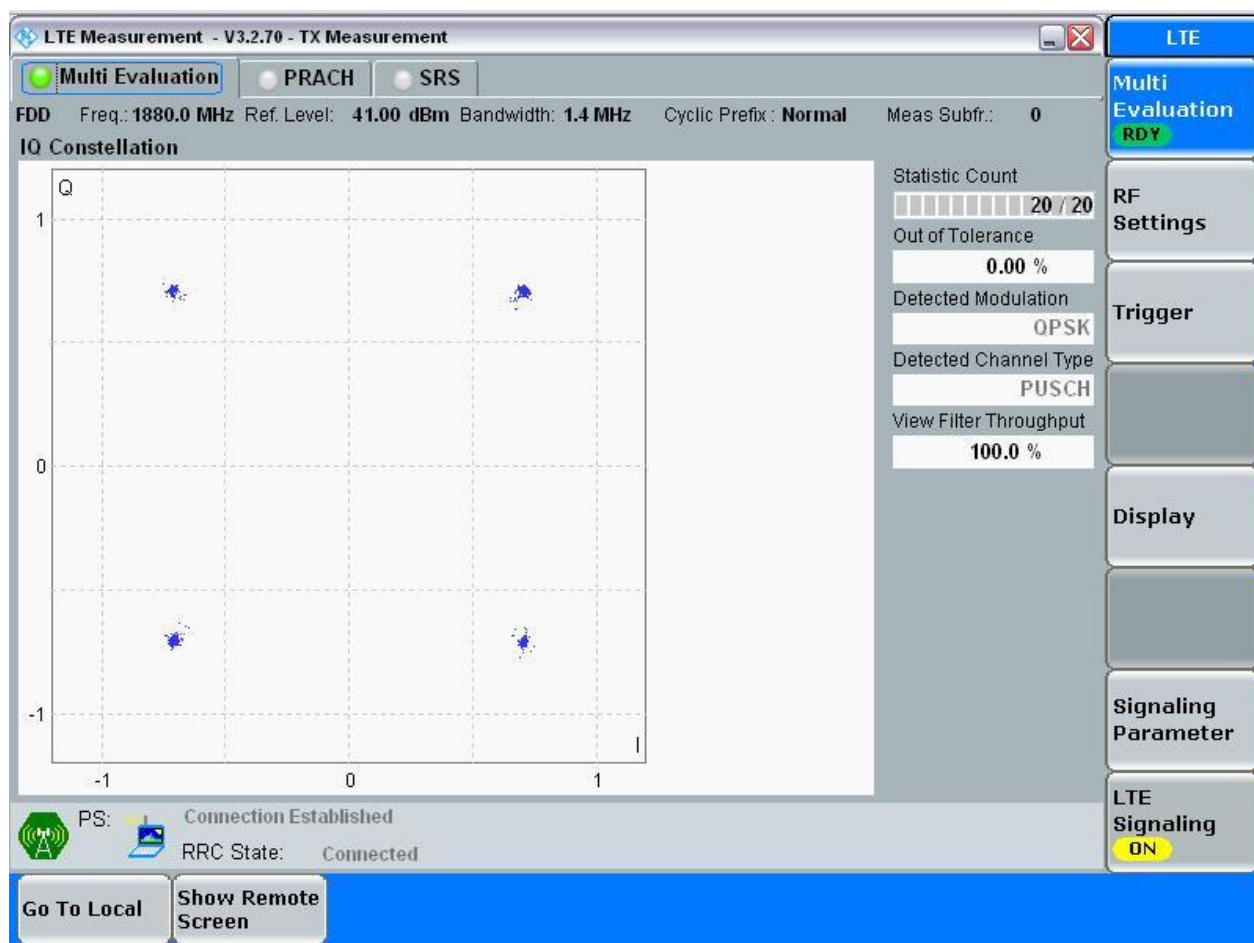
3.1.1 Test Band = BAND2

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

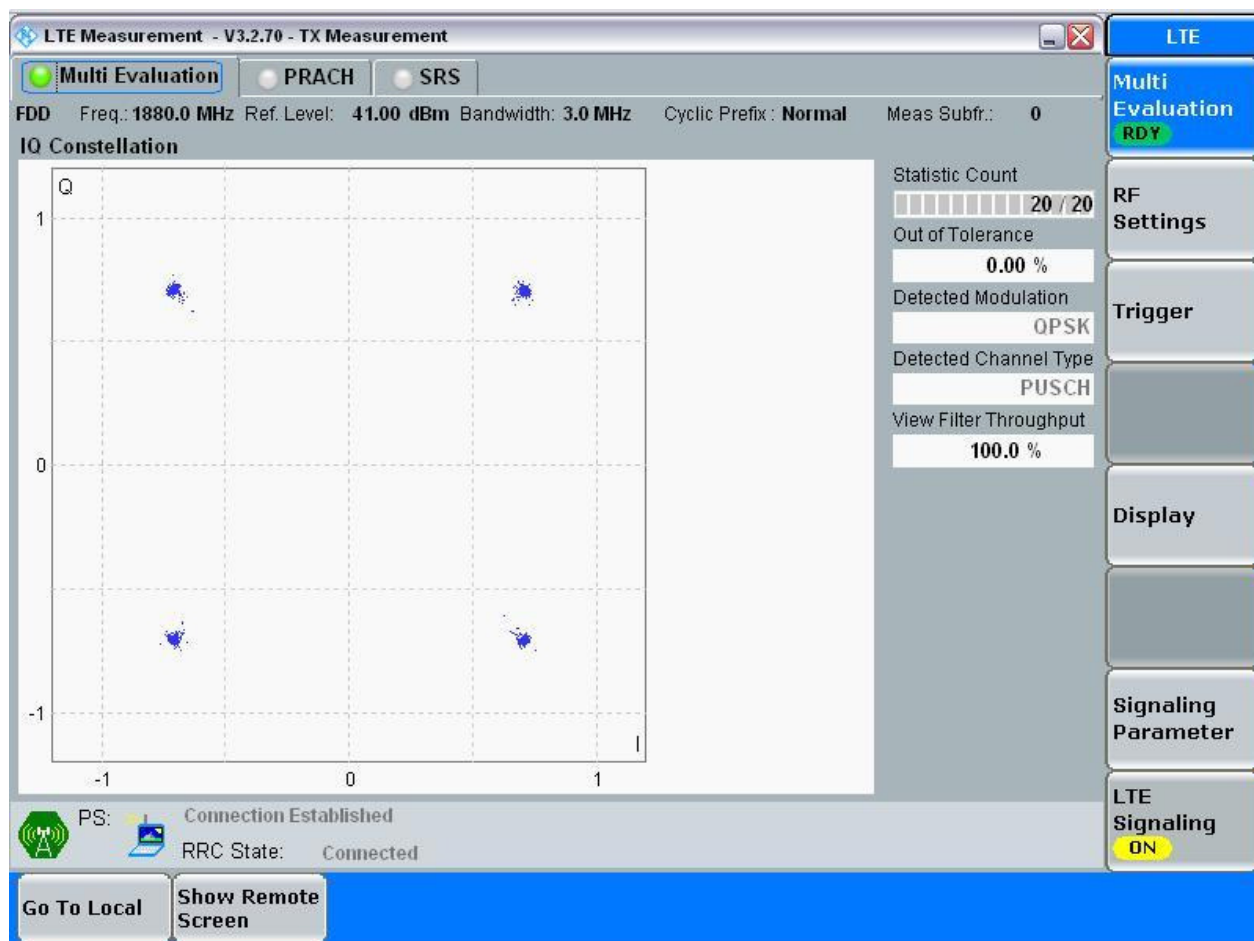
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

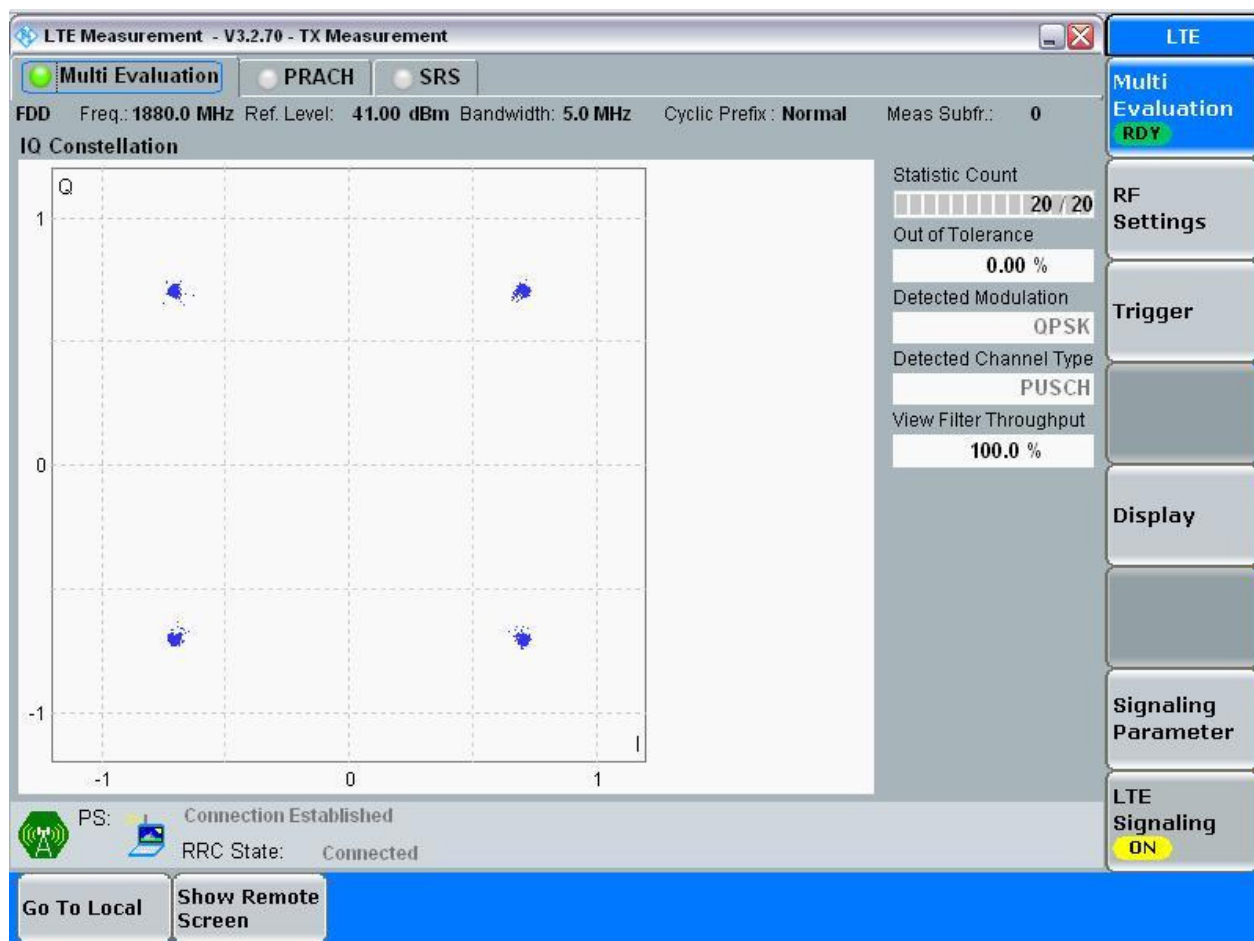
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

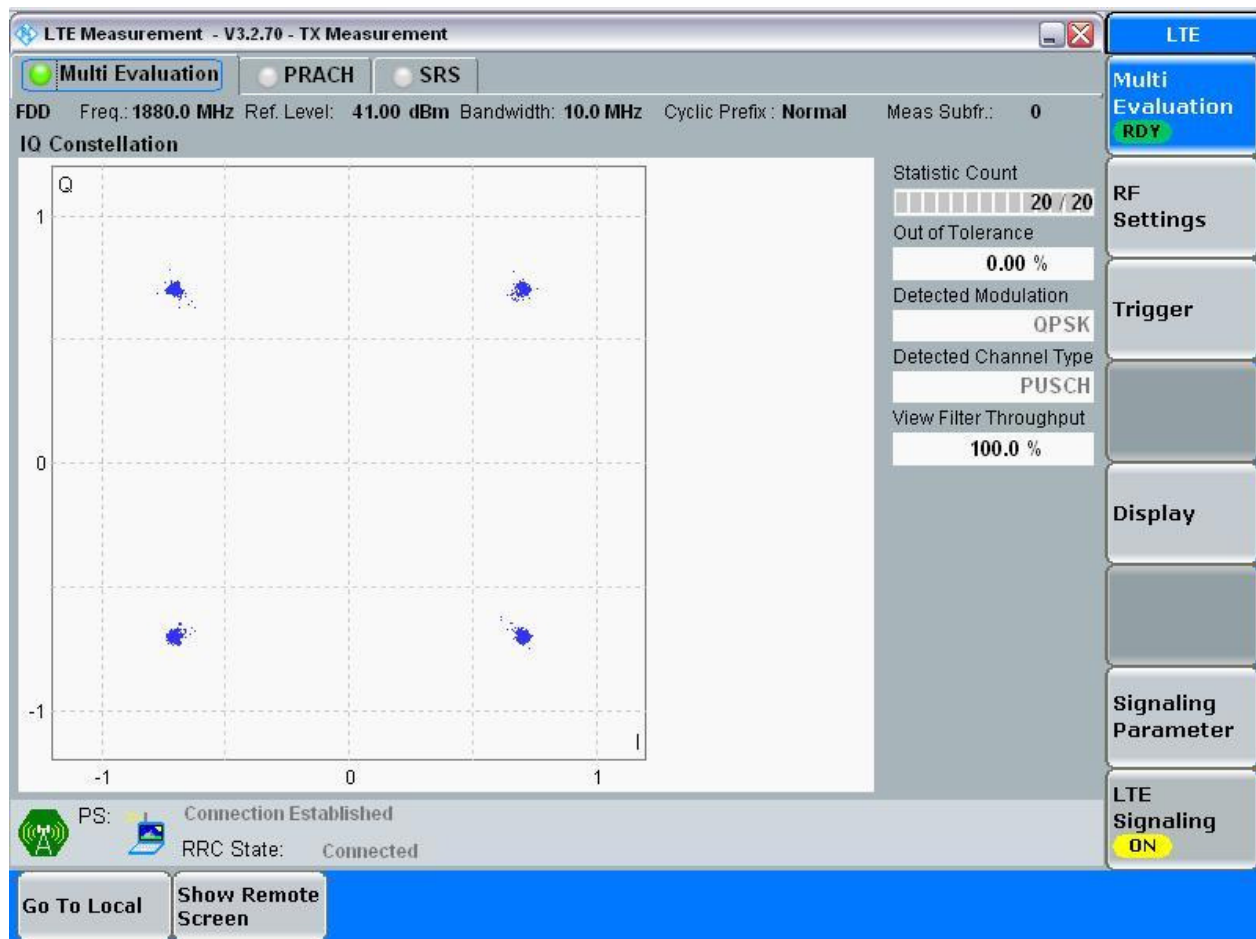
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

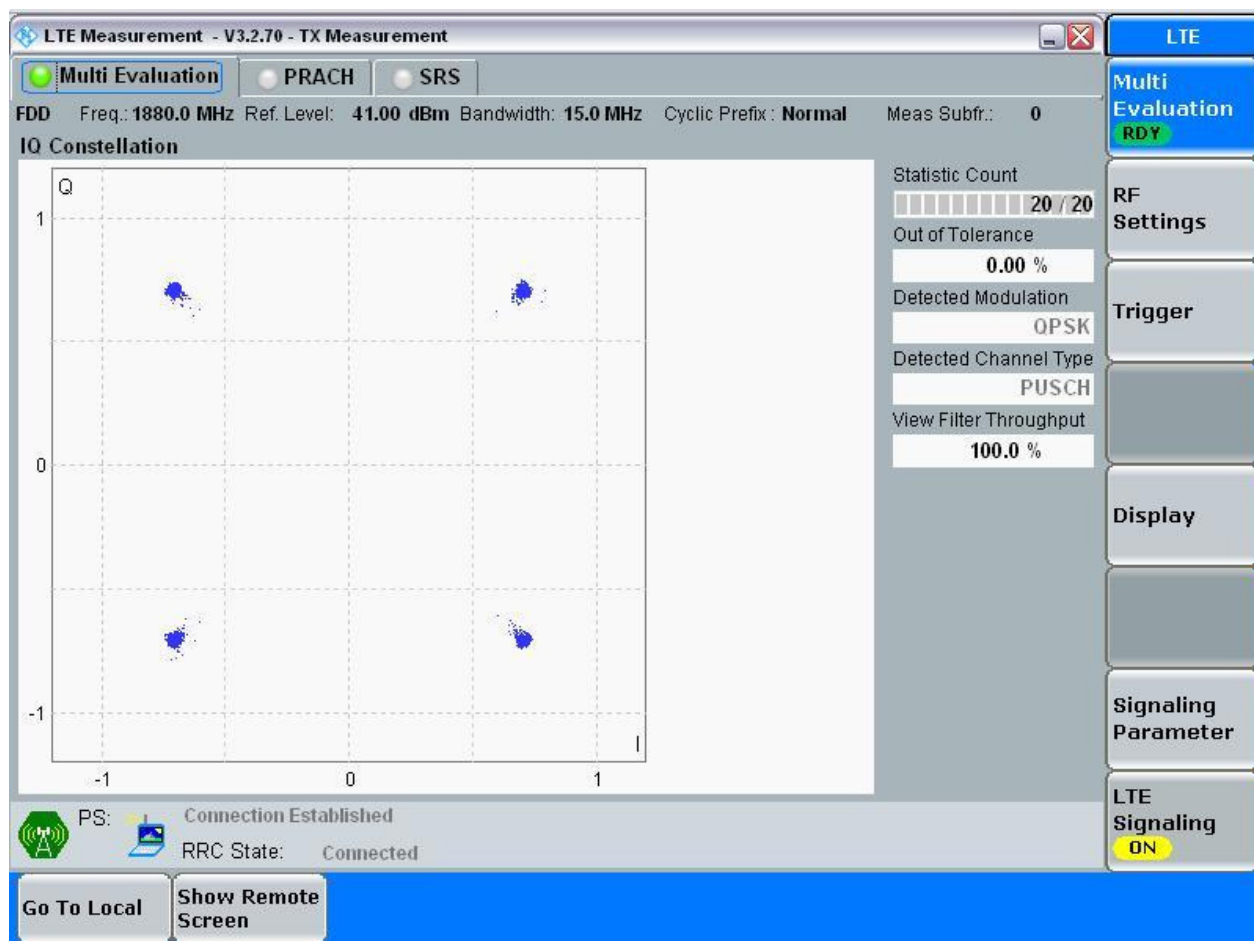
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

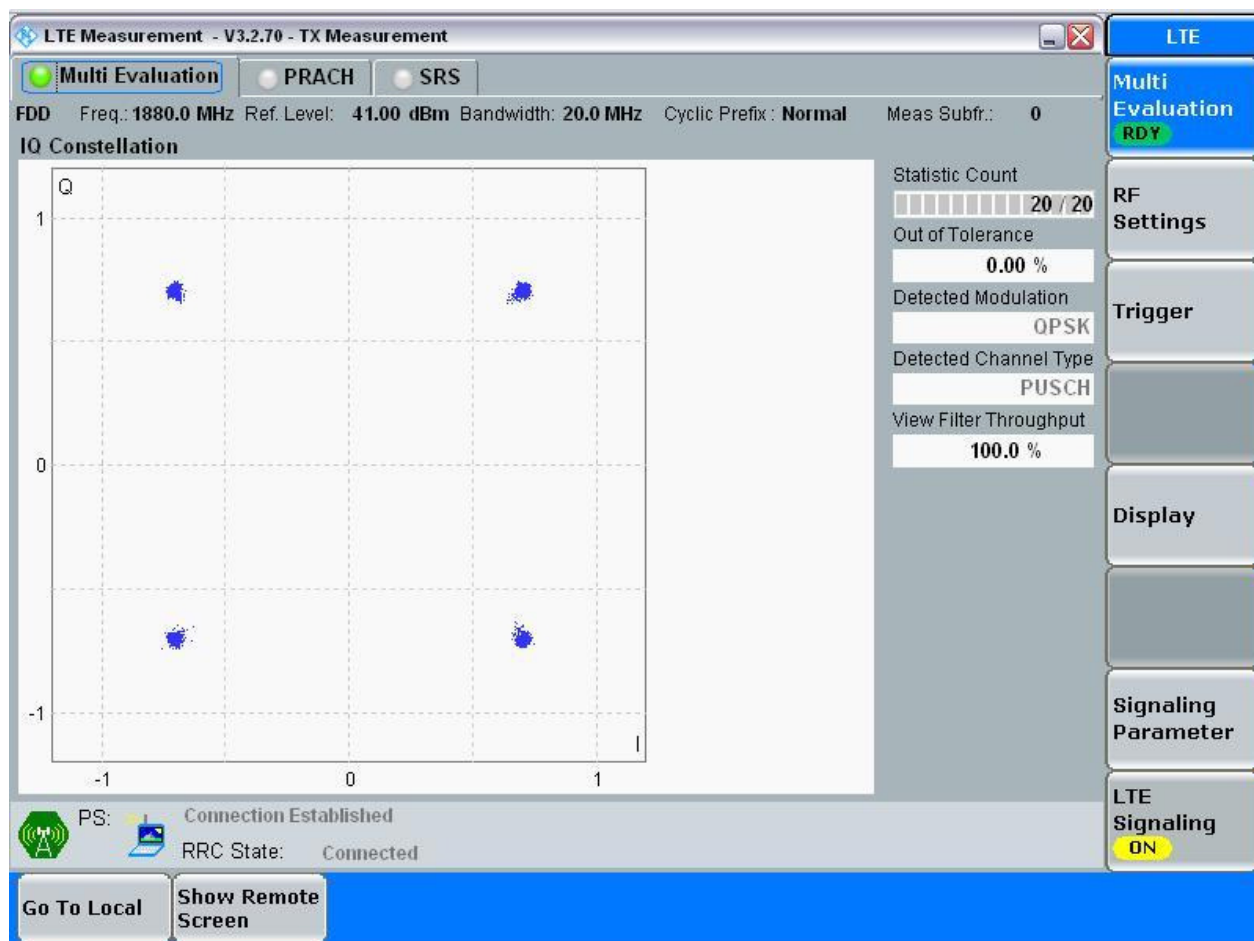
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

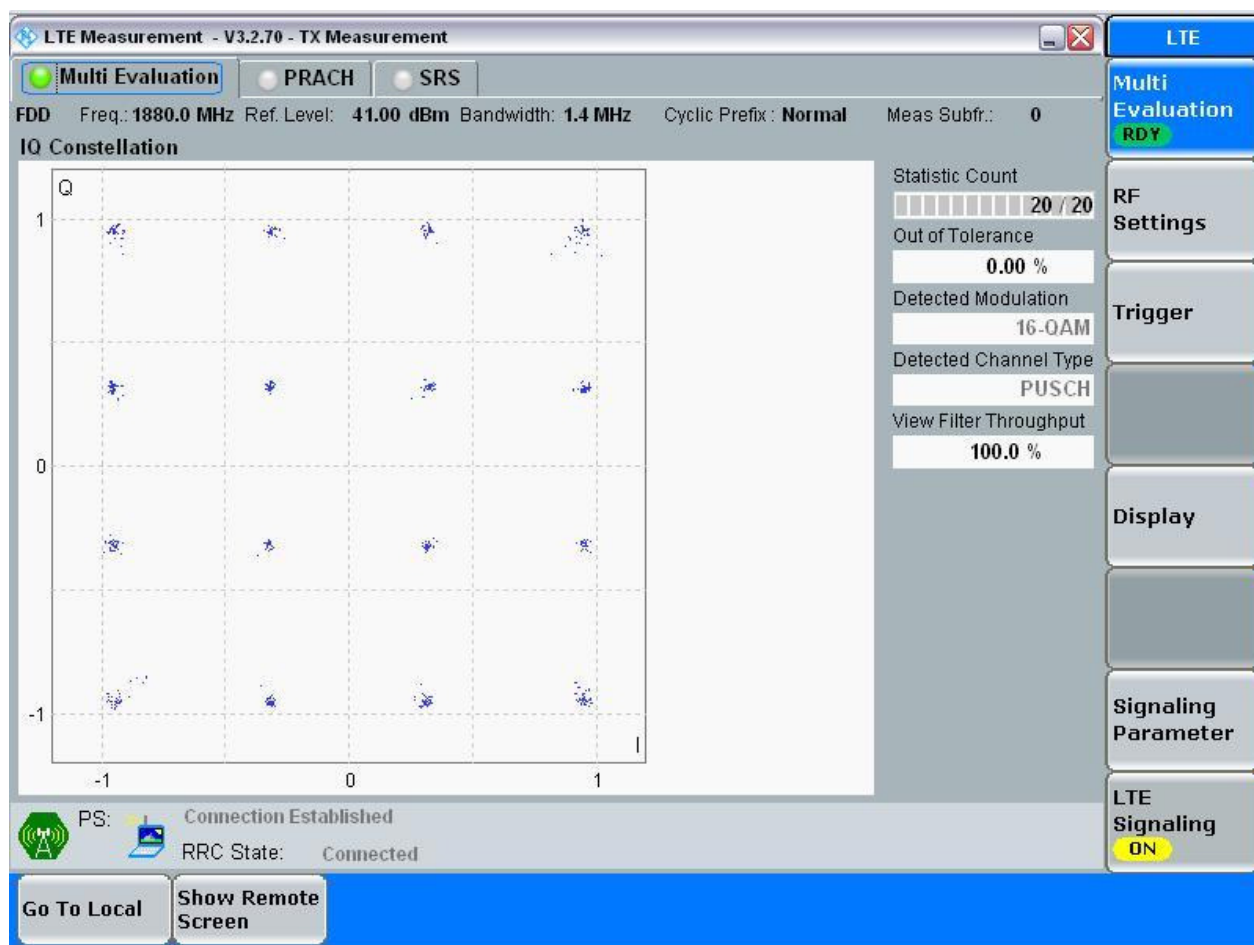


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

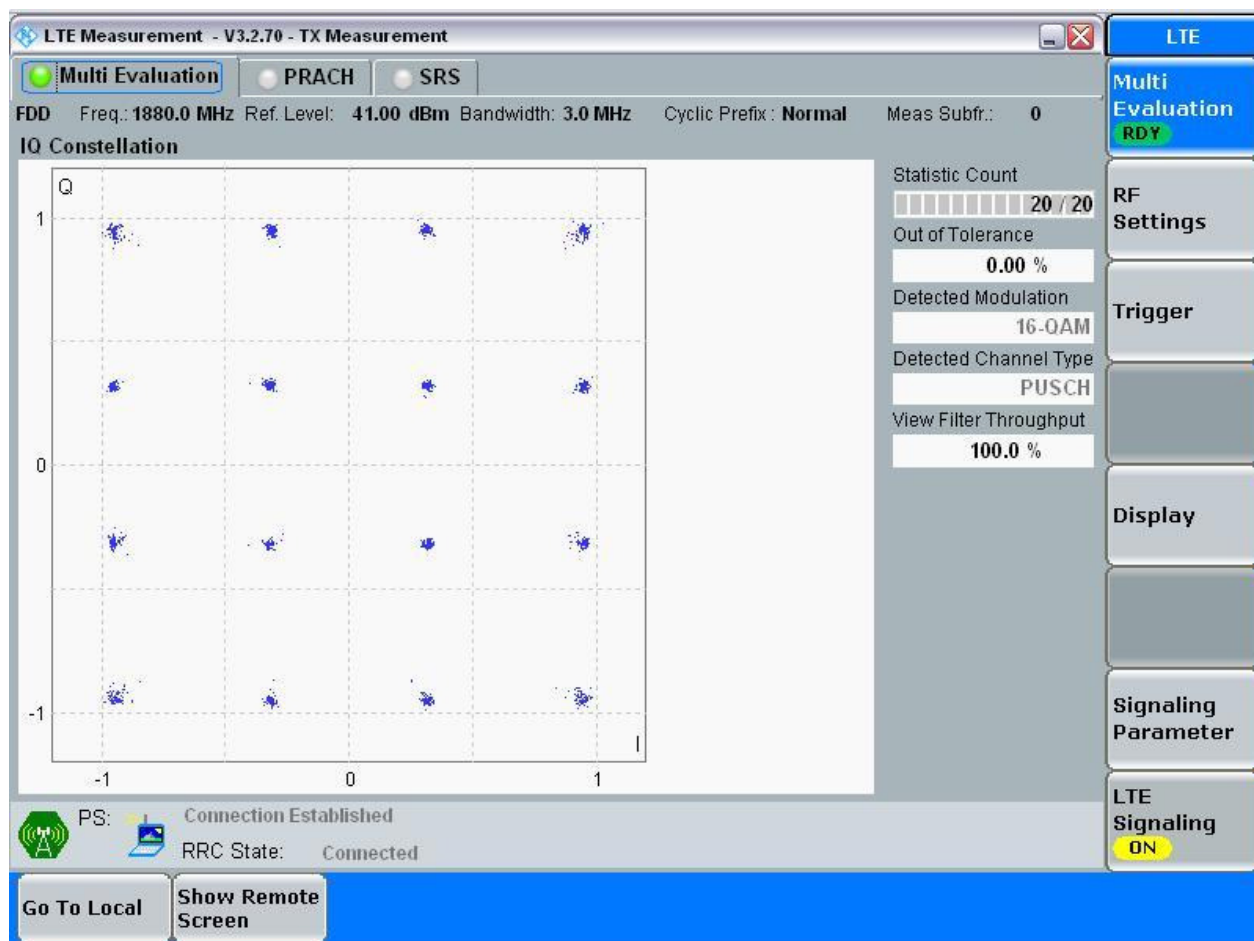
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

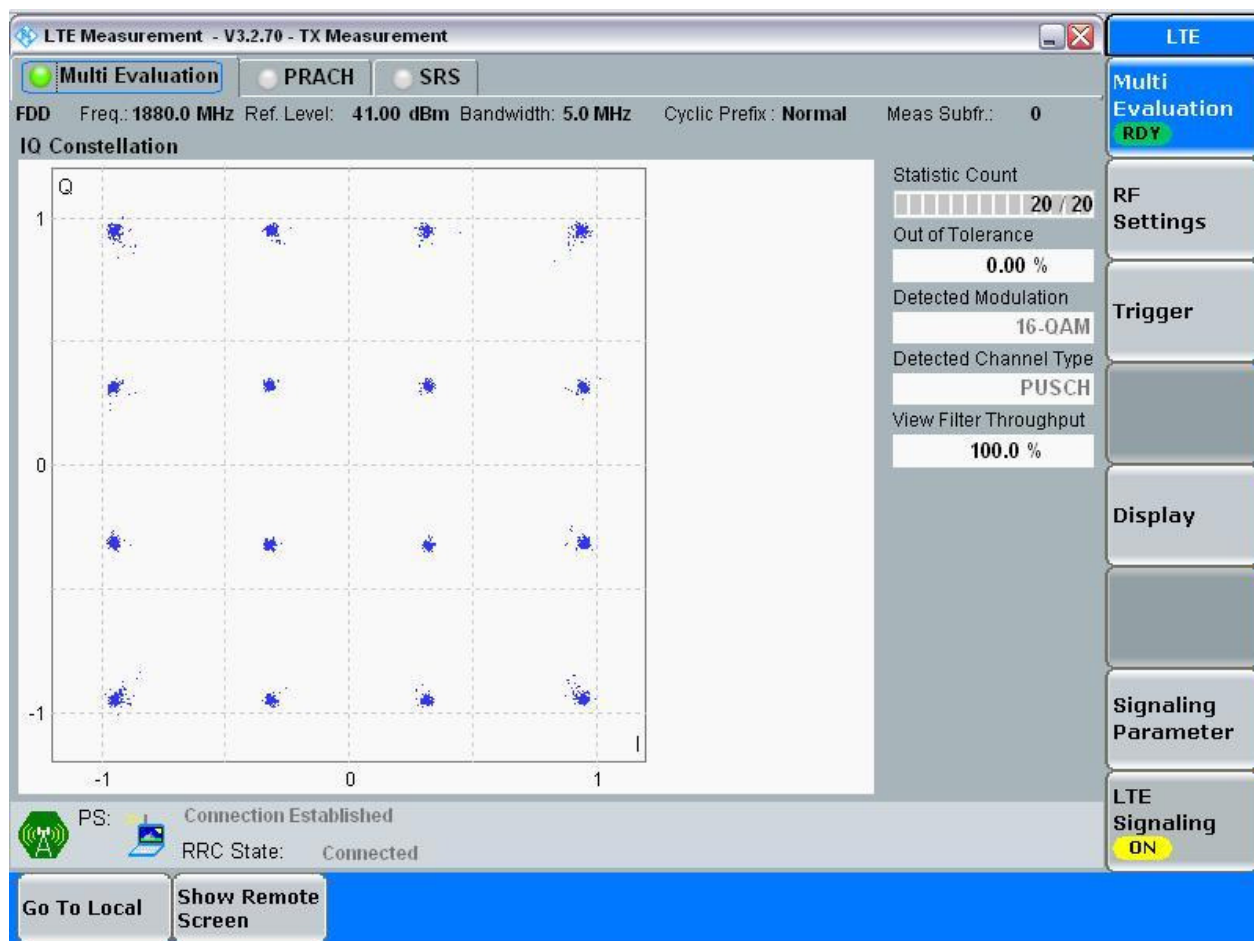
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

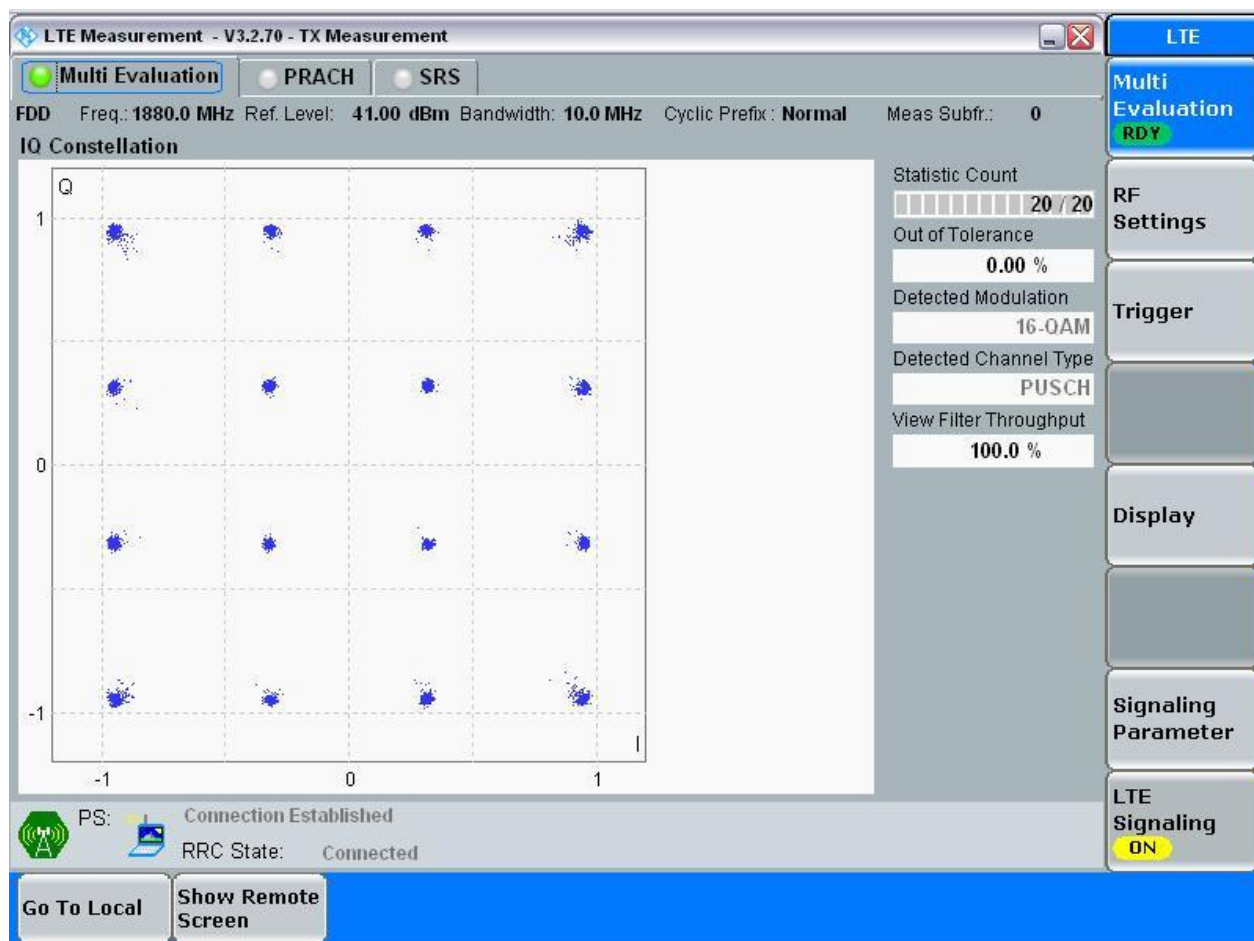
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

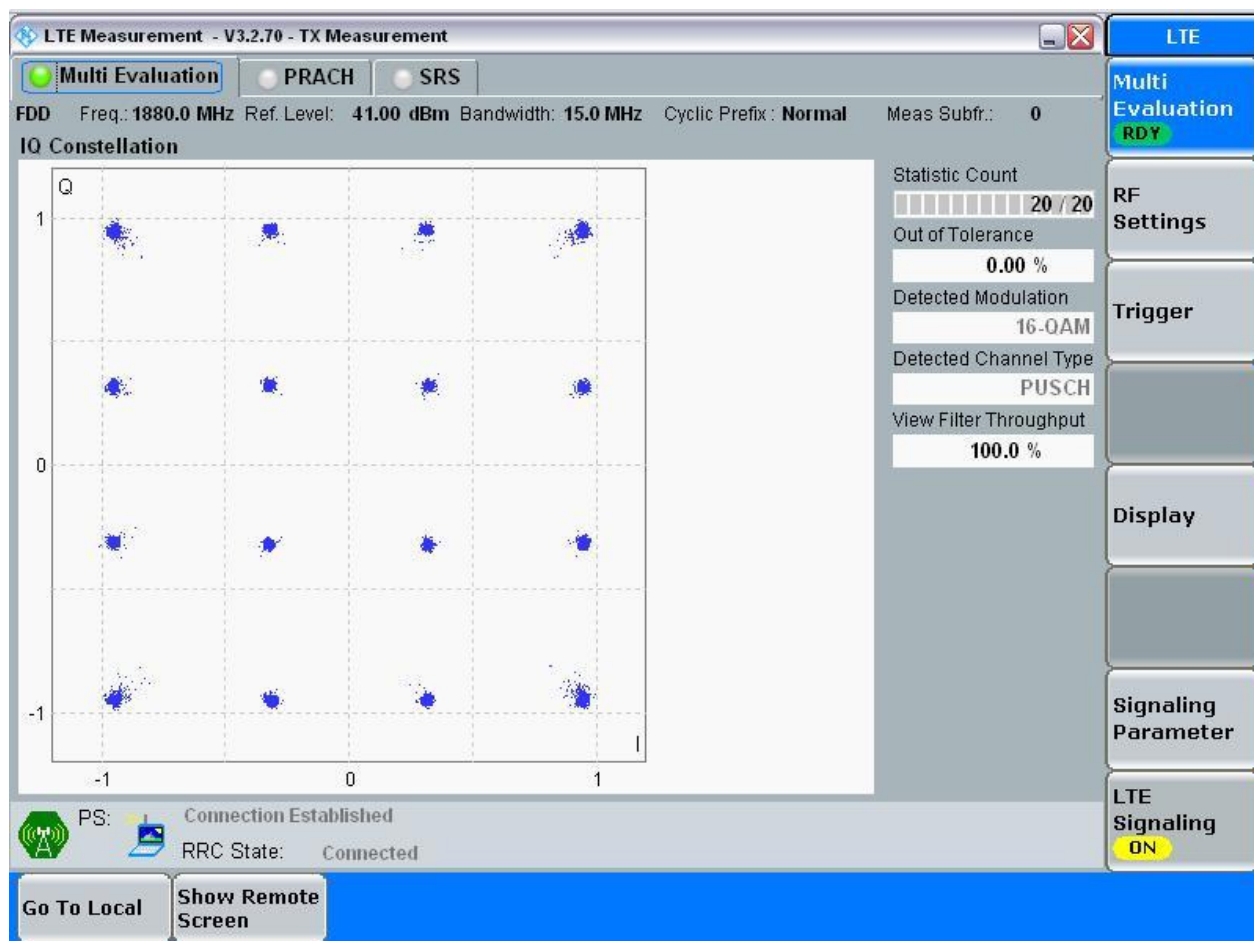
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

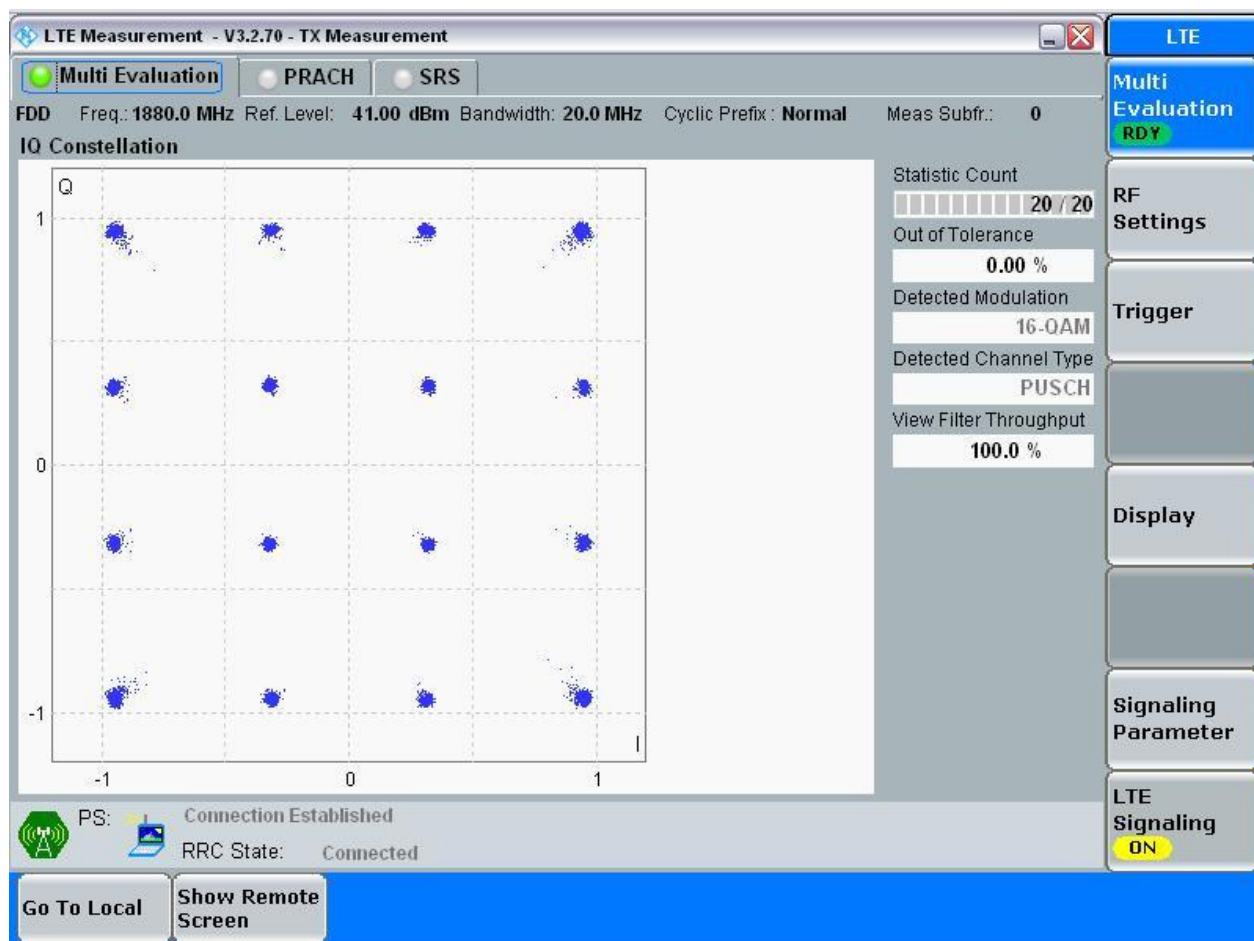
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 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
BAND2	LTE/TM1	1.4	LCH	RB6#0	1.10	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.72	2.99	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.99	9.91	Pass
			MCH	RB50#0	8.98	9.97	Pass
			HCH	RB50#0	8.99	9.94	Pass
		15	LCH	RB75#0	13.49	15.00	Pass
			MCH	RB75#0	13.46	14.85	Pass
			HCH	RB75#0	13.48	14.93	Pass
		20	LCH	RB100#0	17.95	19.80	Pass
			MCH	RB100#0	17.95	19.79	Pass
			HCH	RB100#0	17.98	19.81	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.52	5.01	Pass
			MCH	RB25#0	4.51	5.00	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	9.02	9.90	Pass
			MCH	RB50#0	9.01	9.94	Pass
			HCH	RB50#0	8.99	9.91	Pass
		15	LCH	RB75#0	13.51	15.09	Pass
			MCH	RB75#0	13.51	15.02	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.49	14.98	Pass
		20	LCH	RB100#0	17.97	19.94	Pass
			MCH	RB100#0	17.96	19.75	Pass
			HCH	RB100#0	17.97	19.75	Pass



Part II - Test Plots

4.1 For LTE

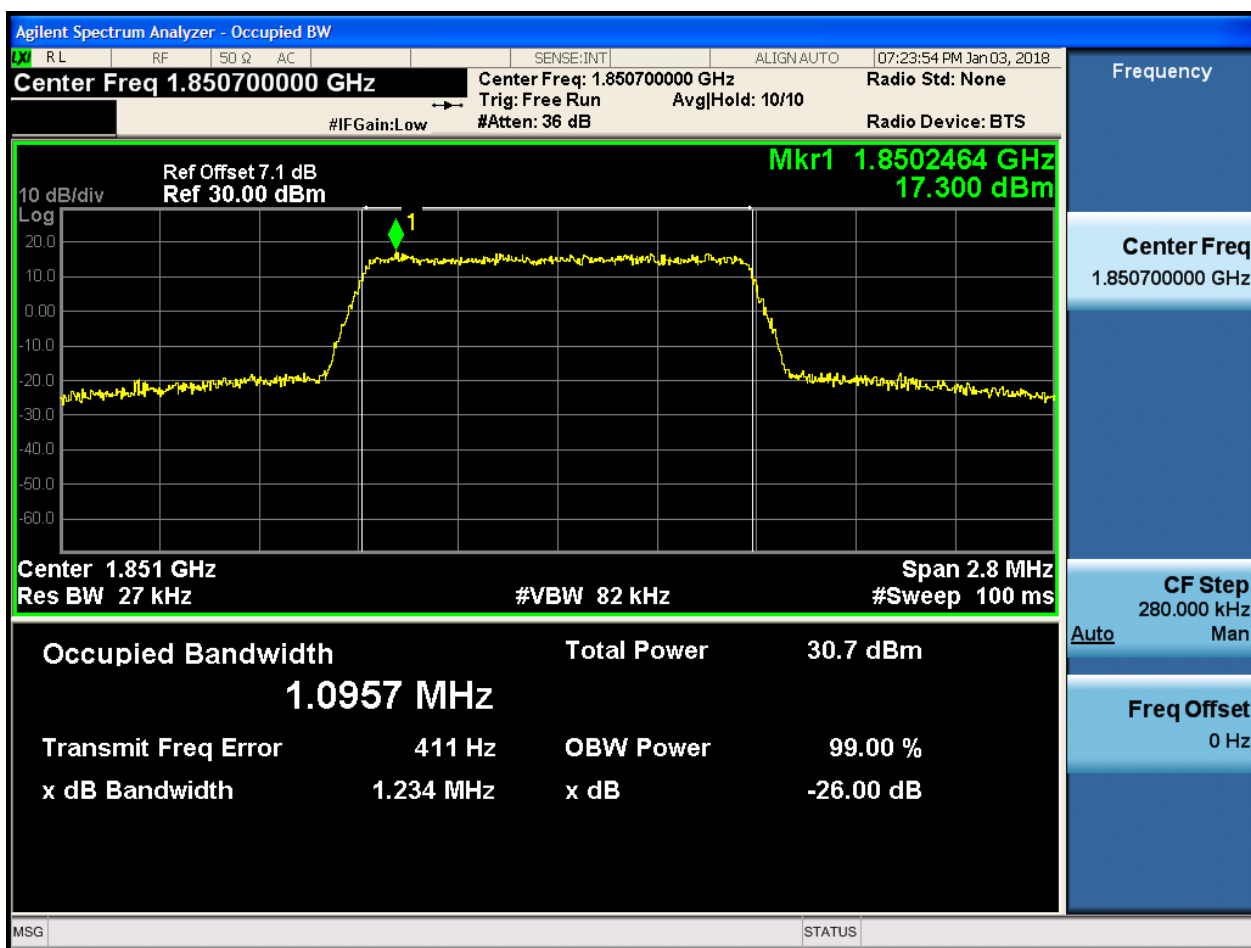
4.1.1 Test Band = BAND2

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

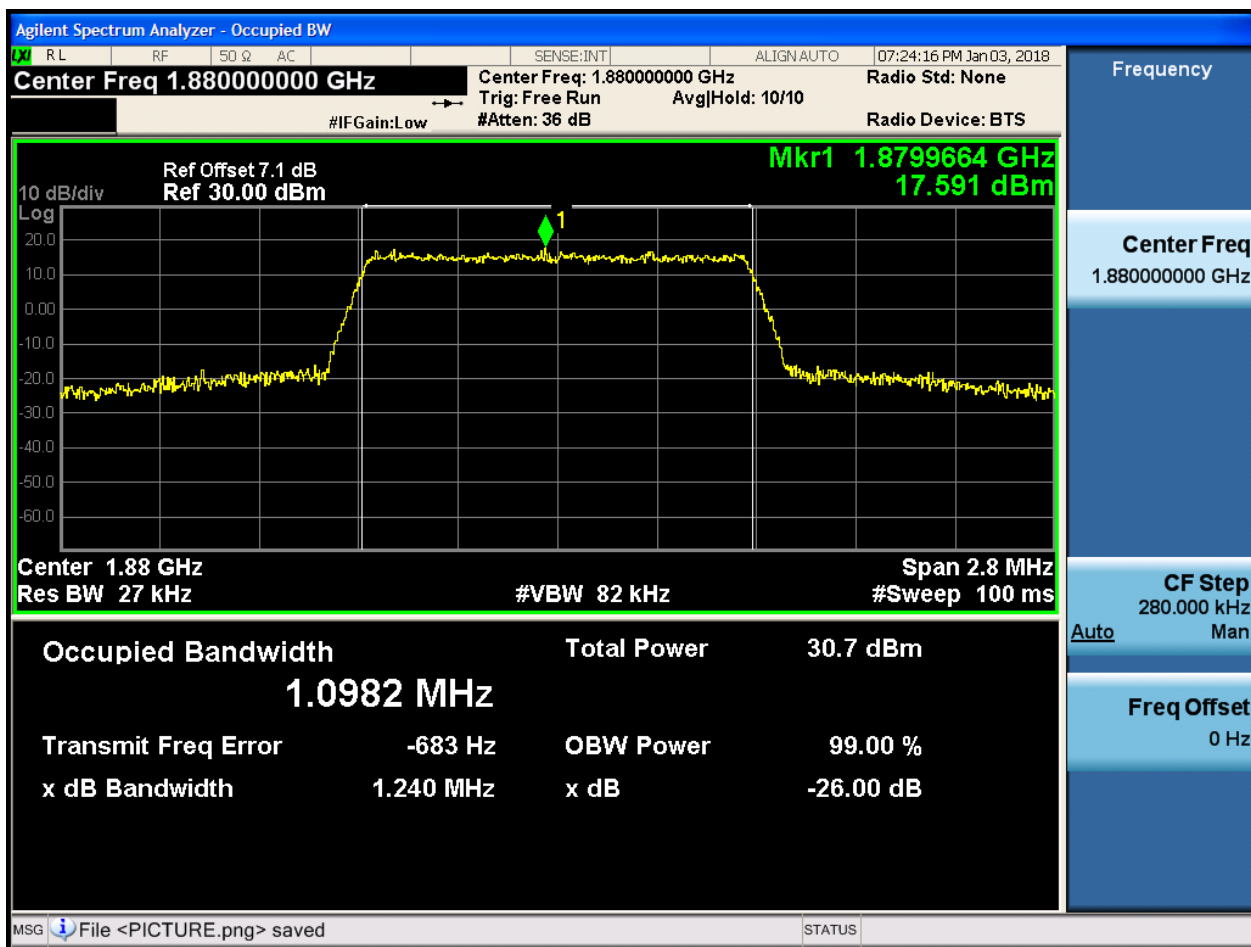
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

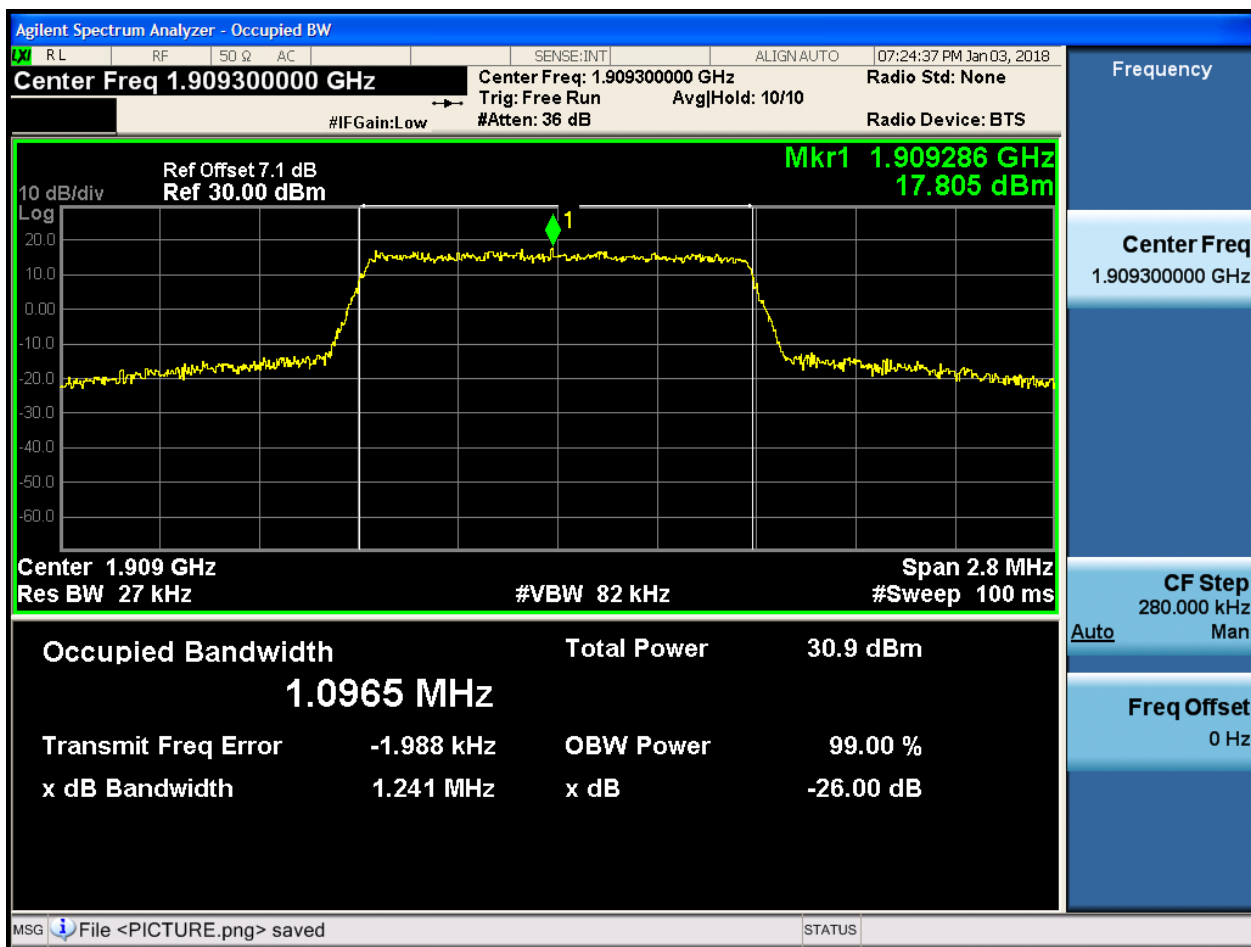
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

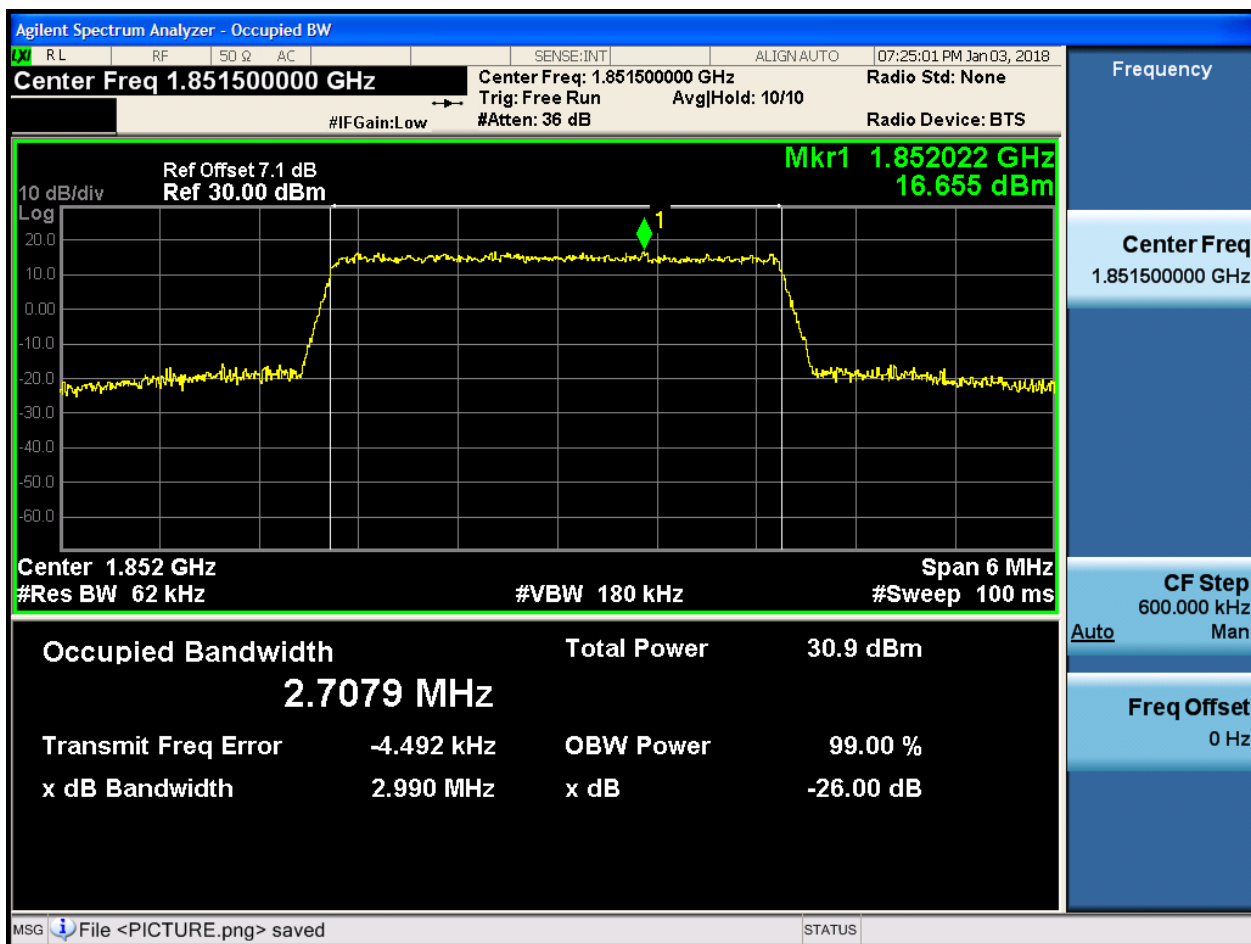




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

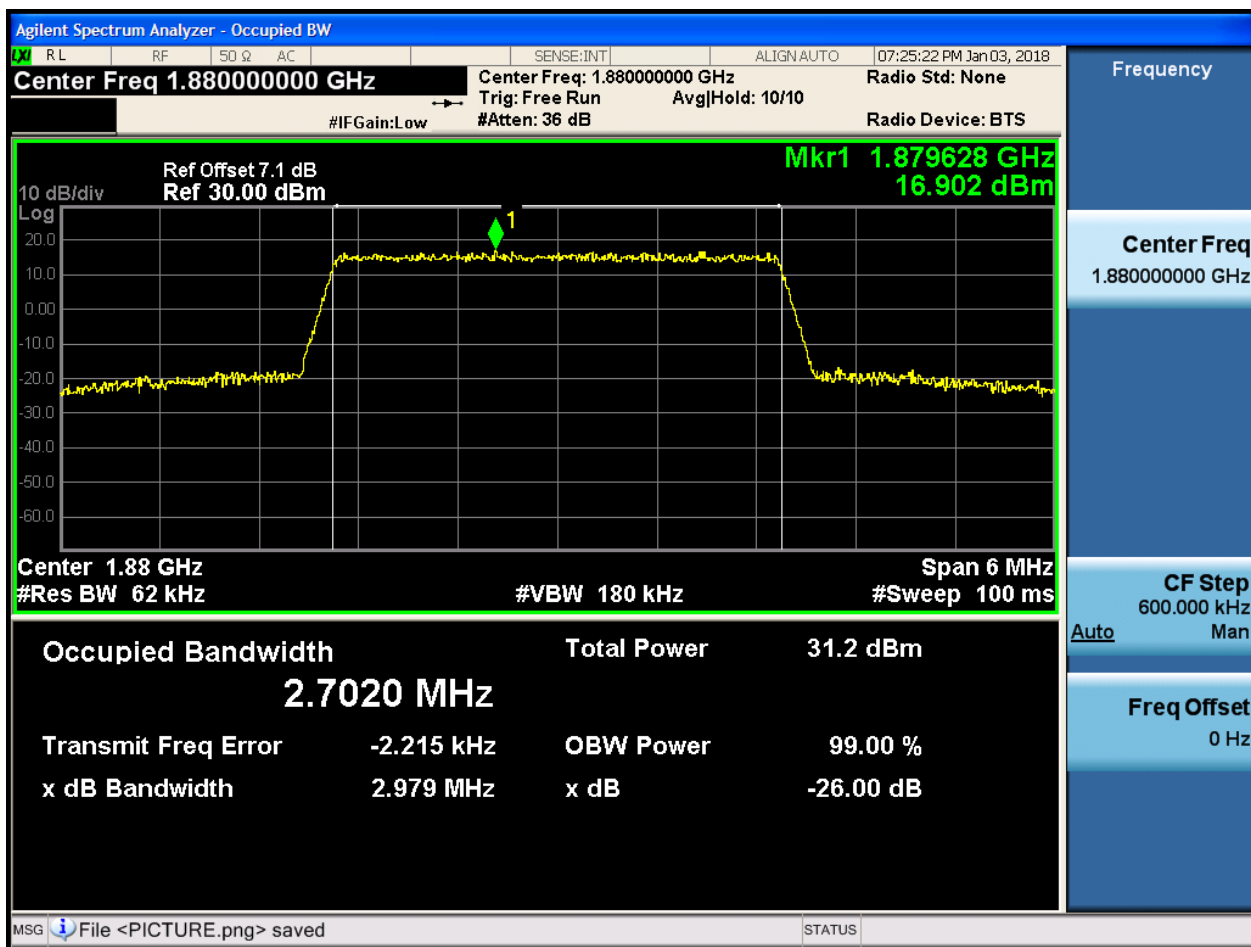
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

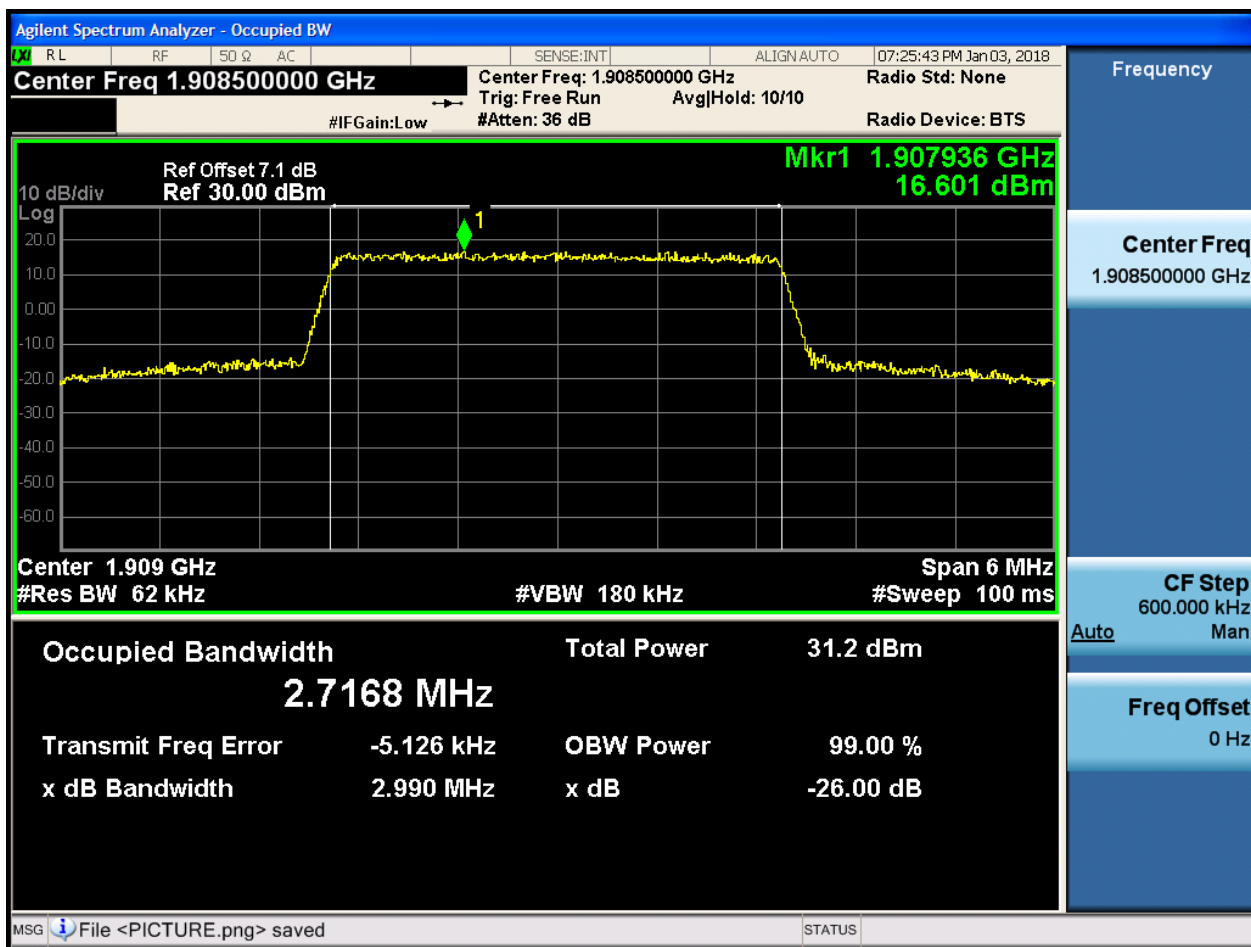
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

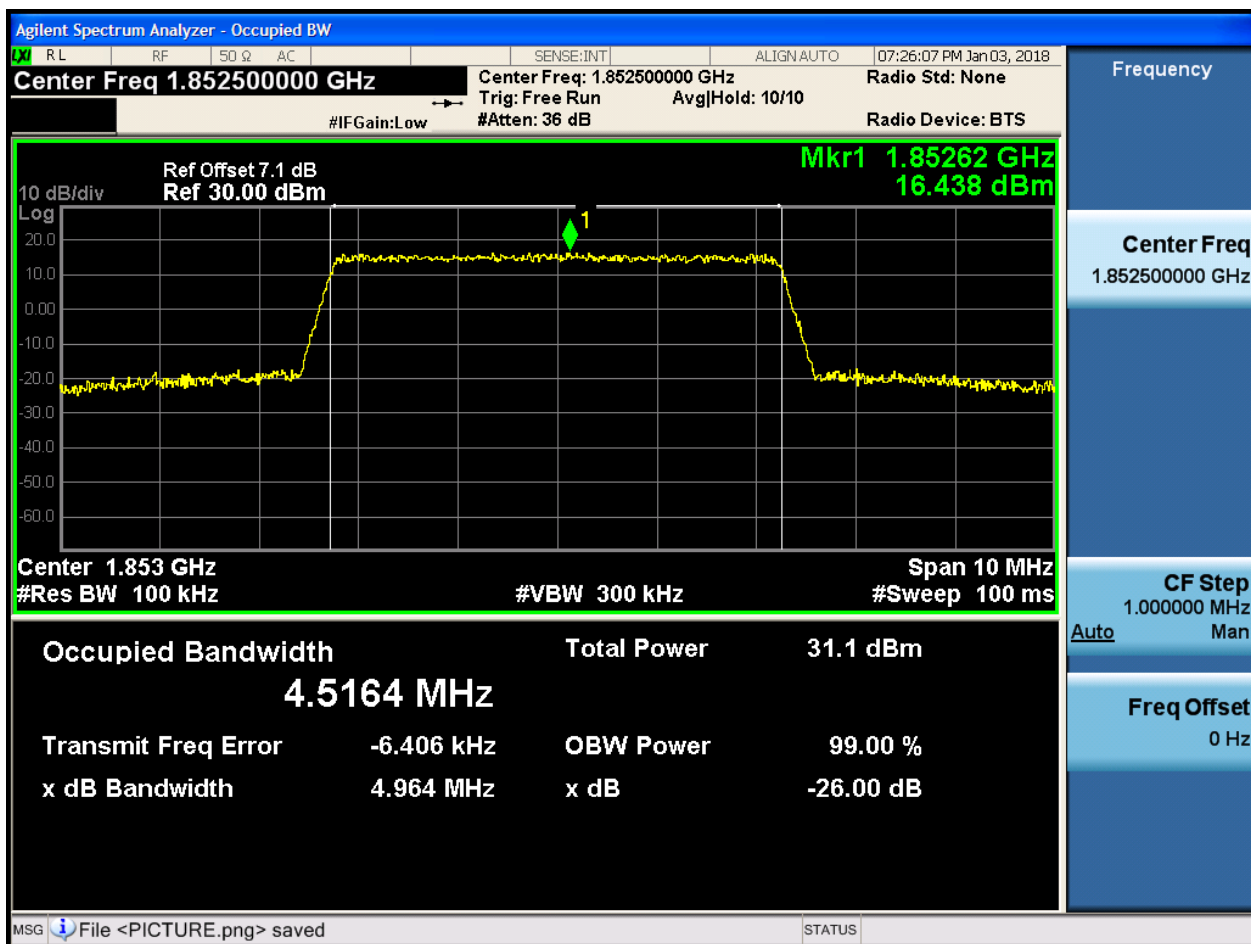




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

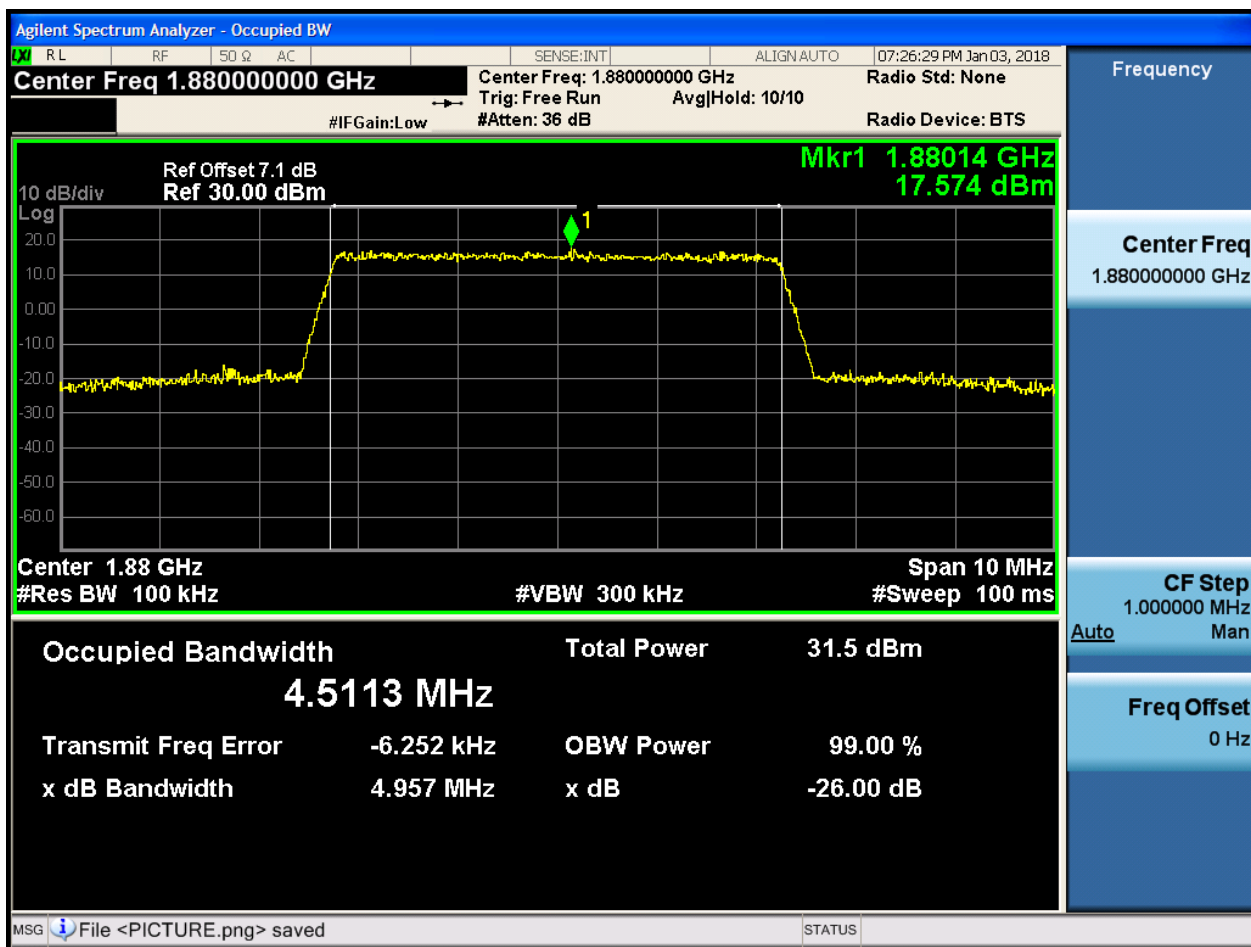
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

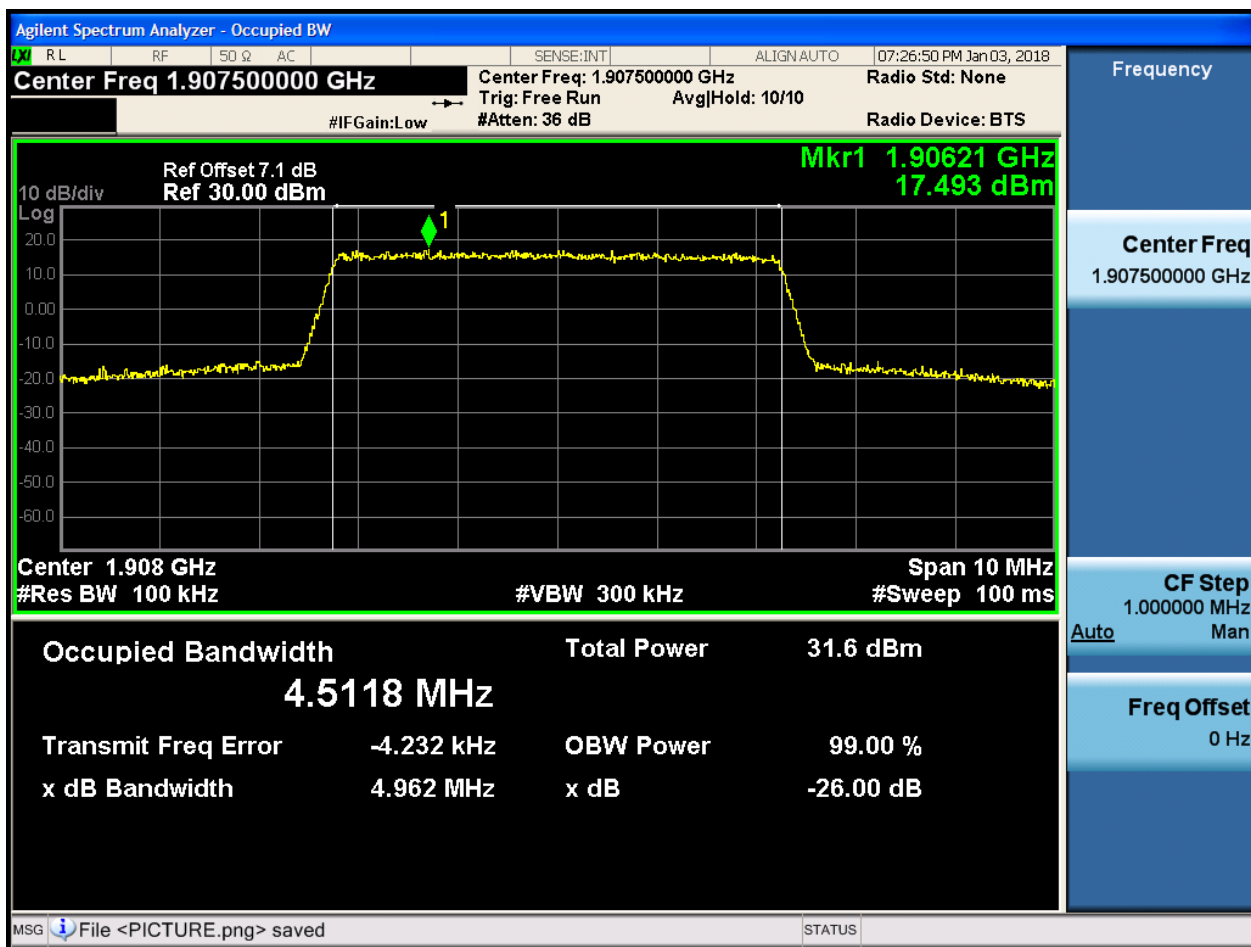
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

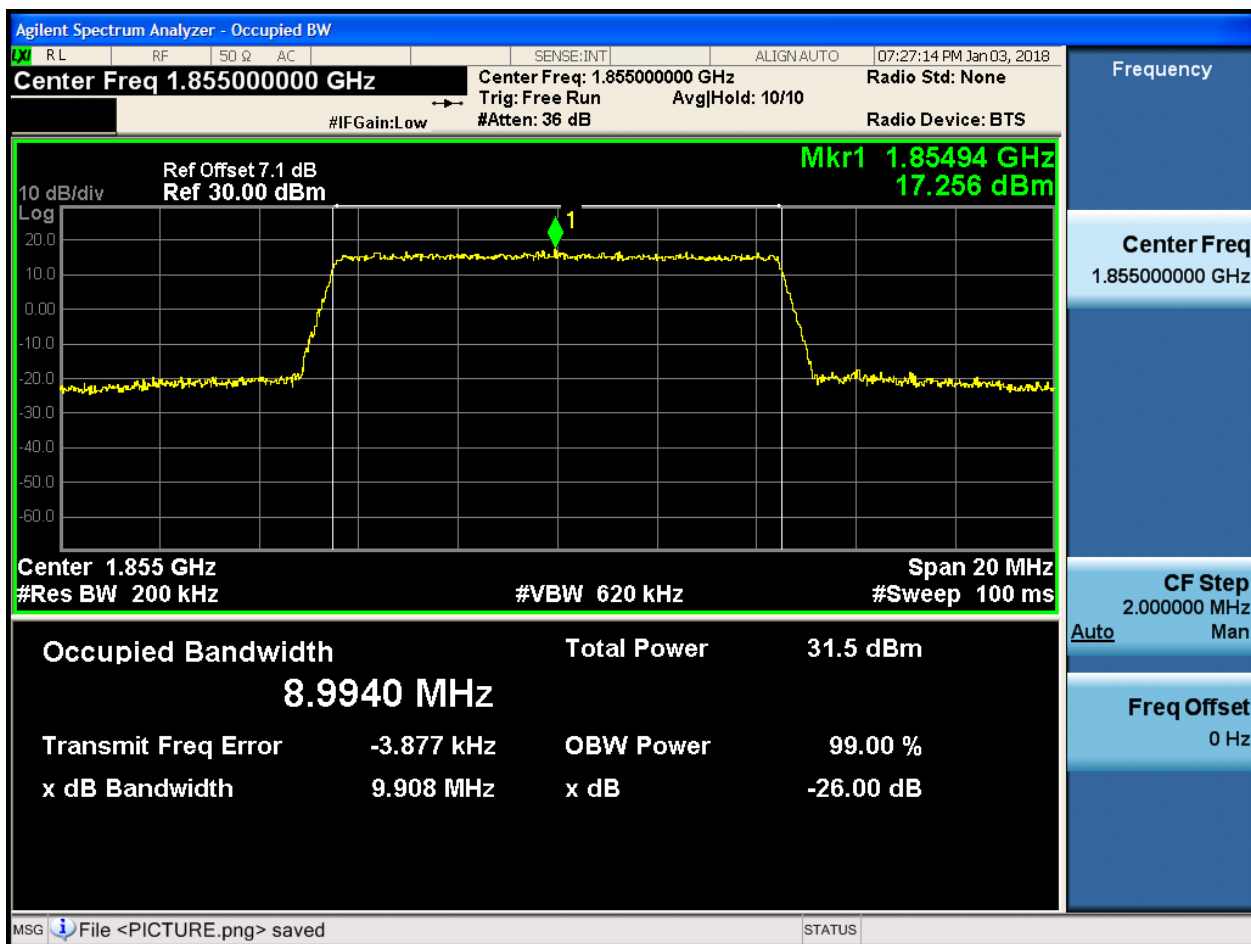




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

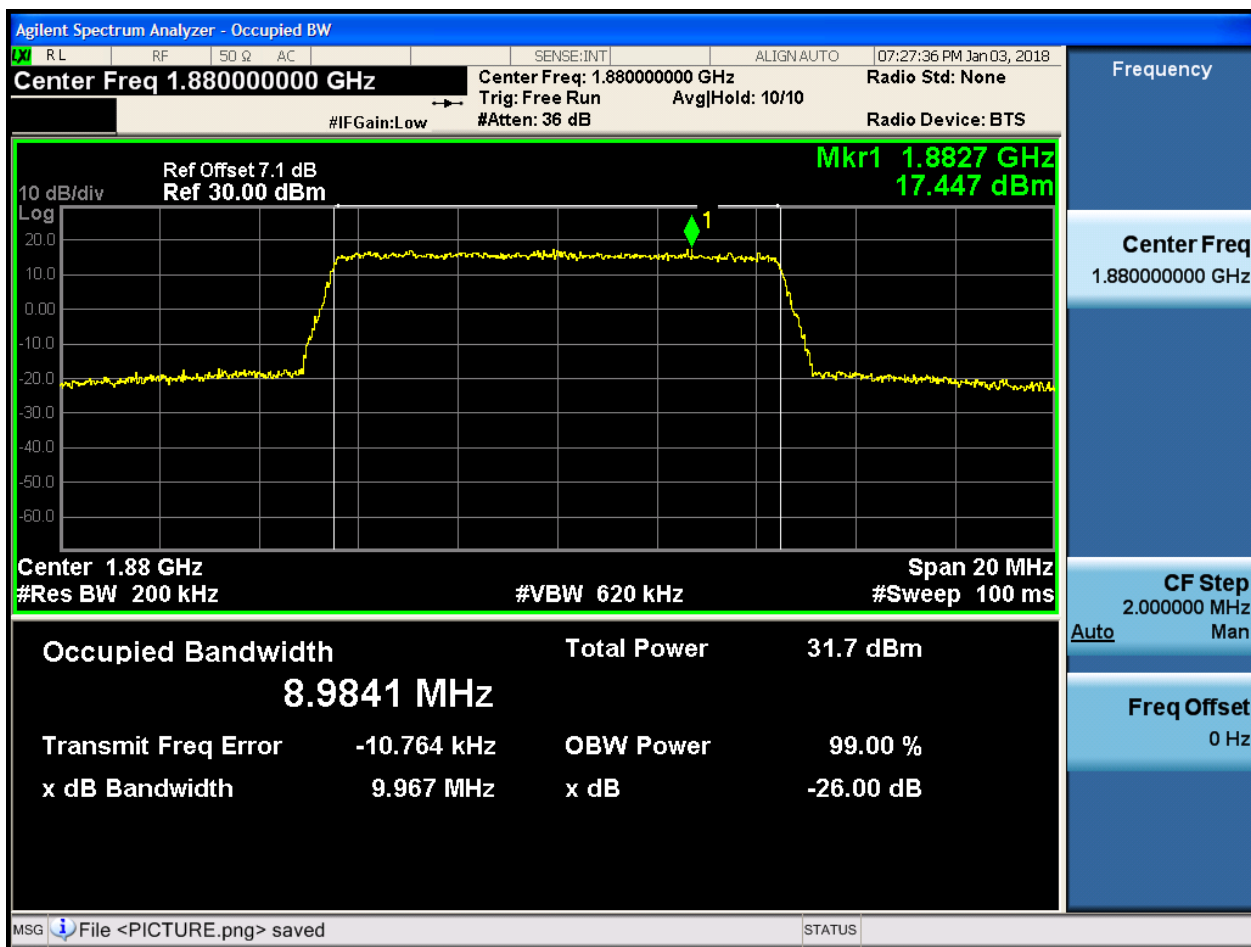
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

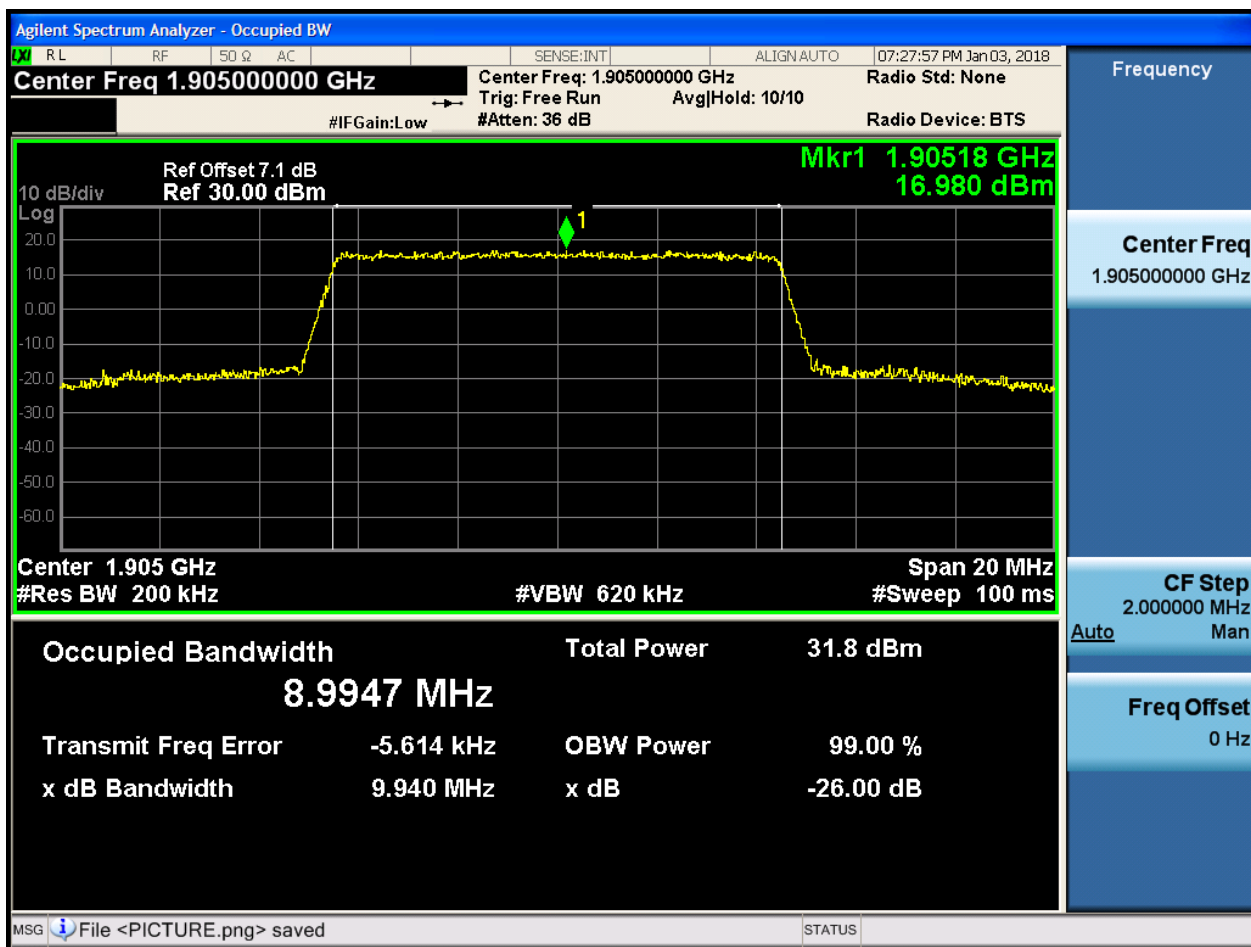
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

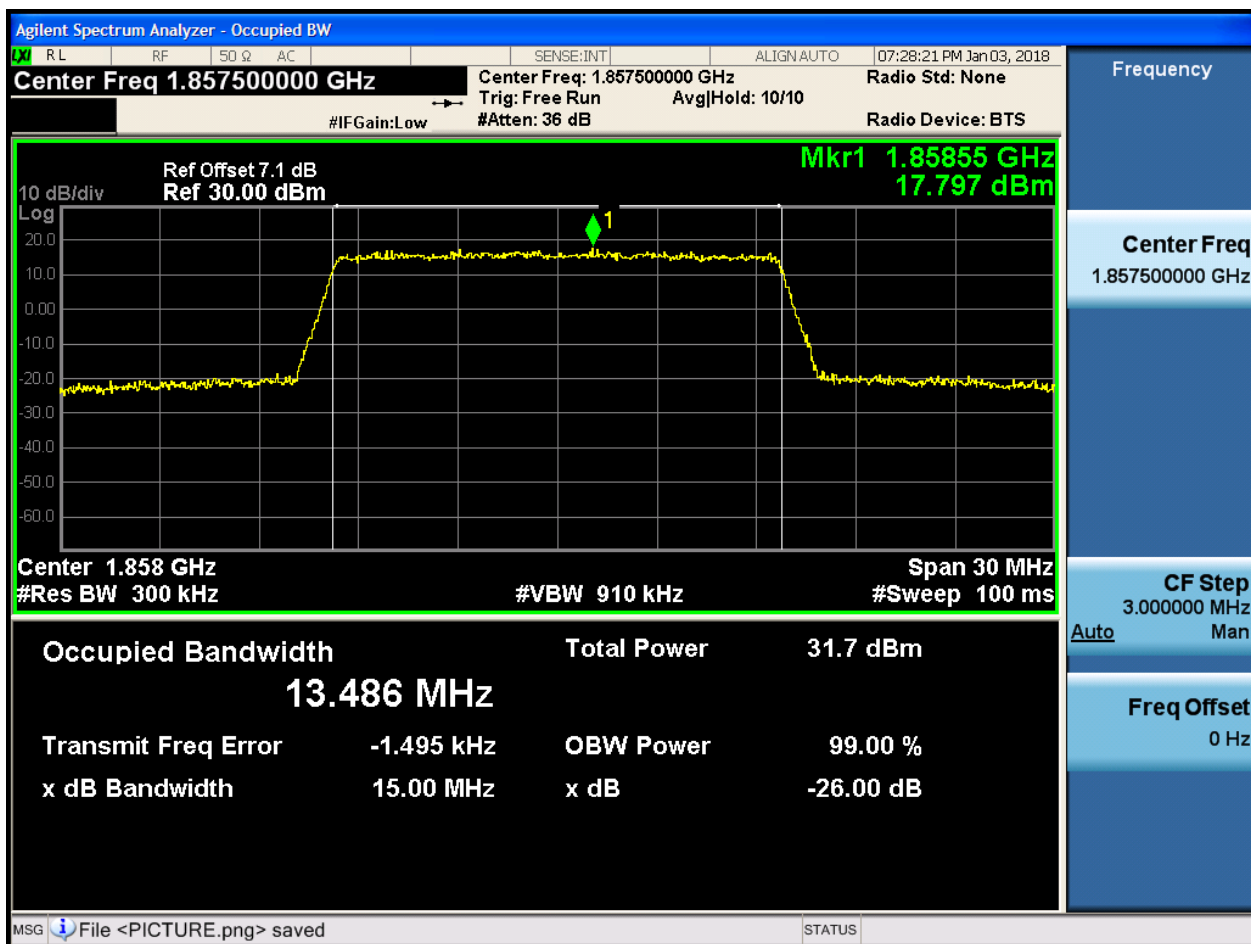




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

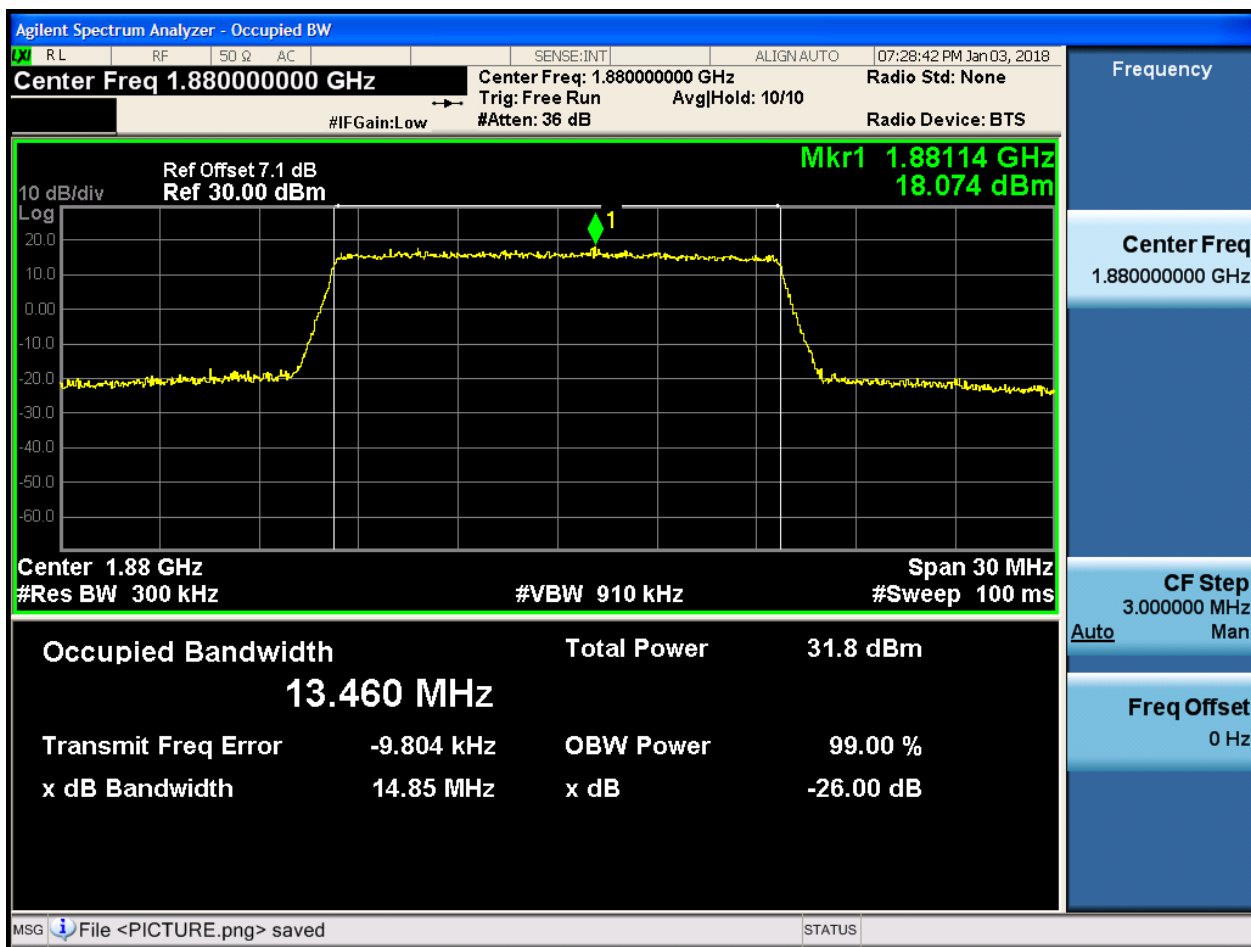
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

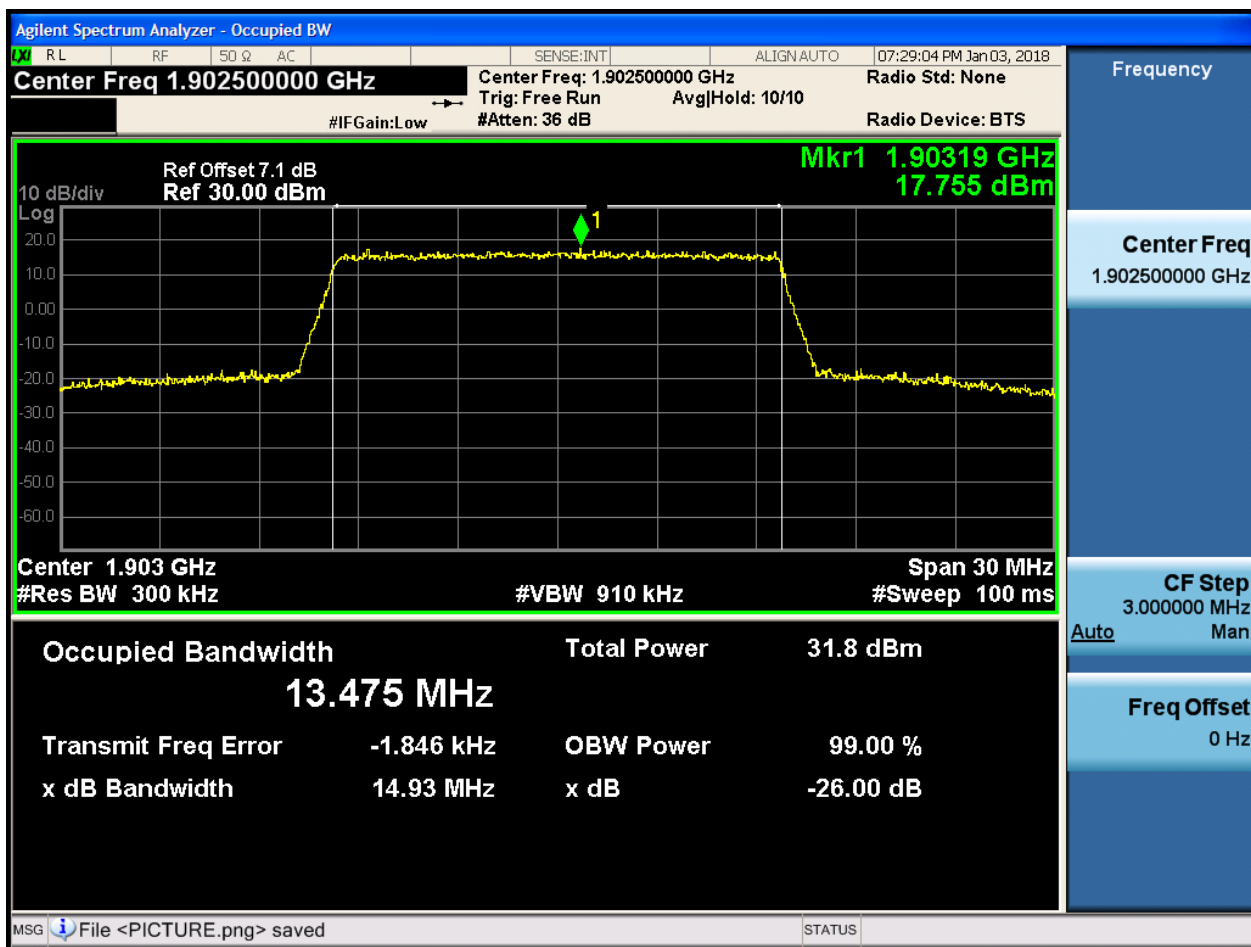
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

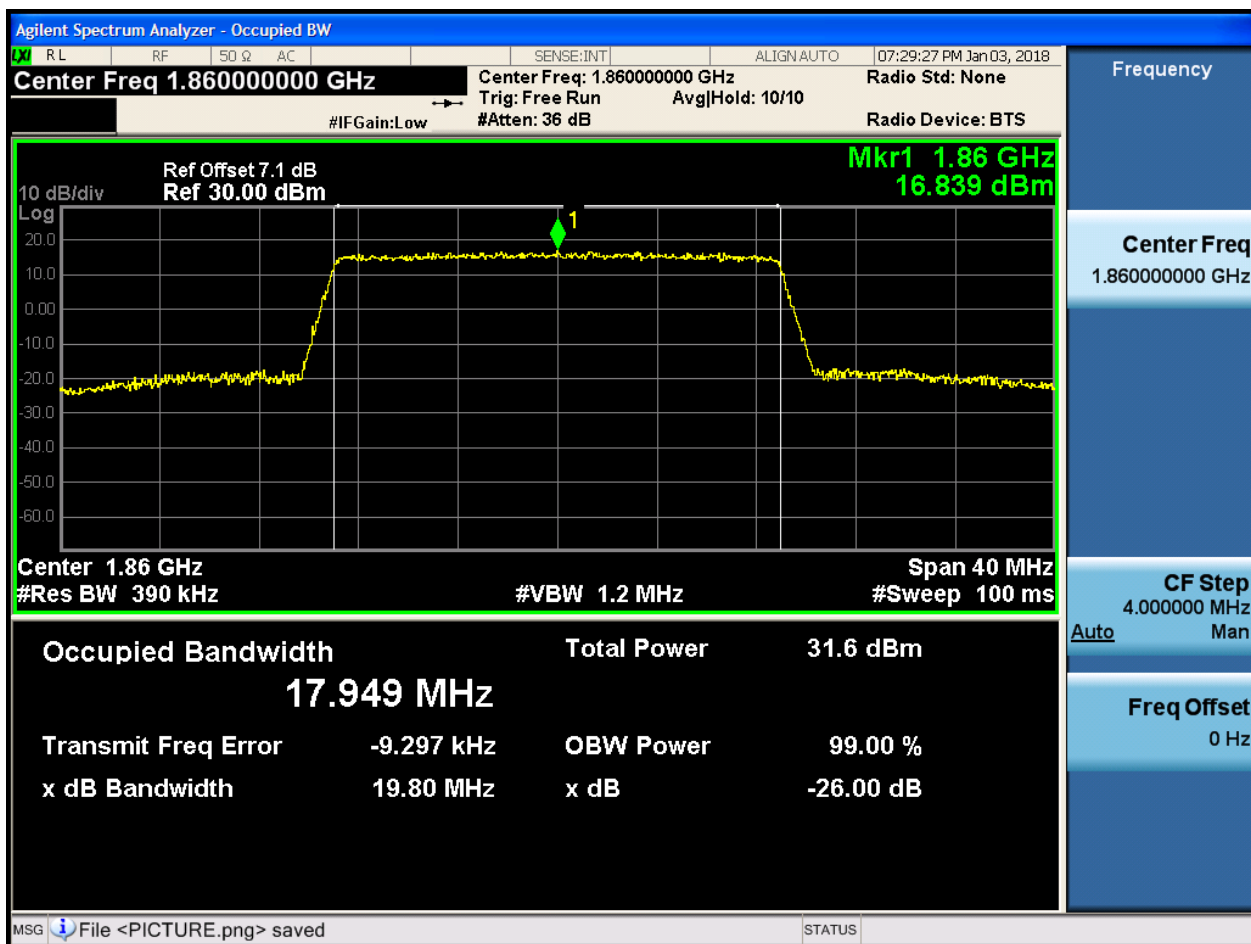




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

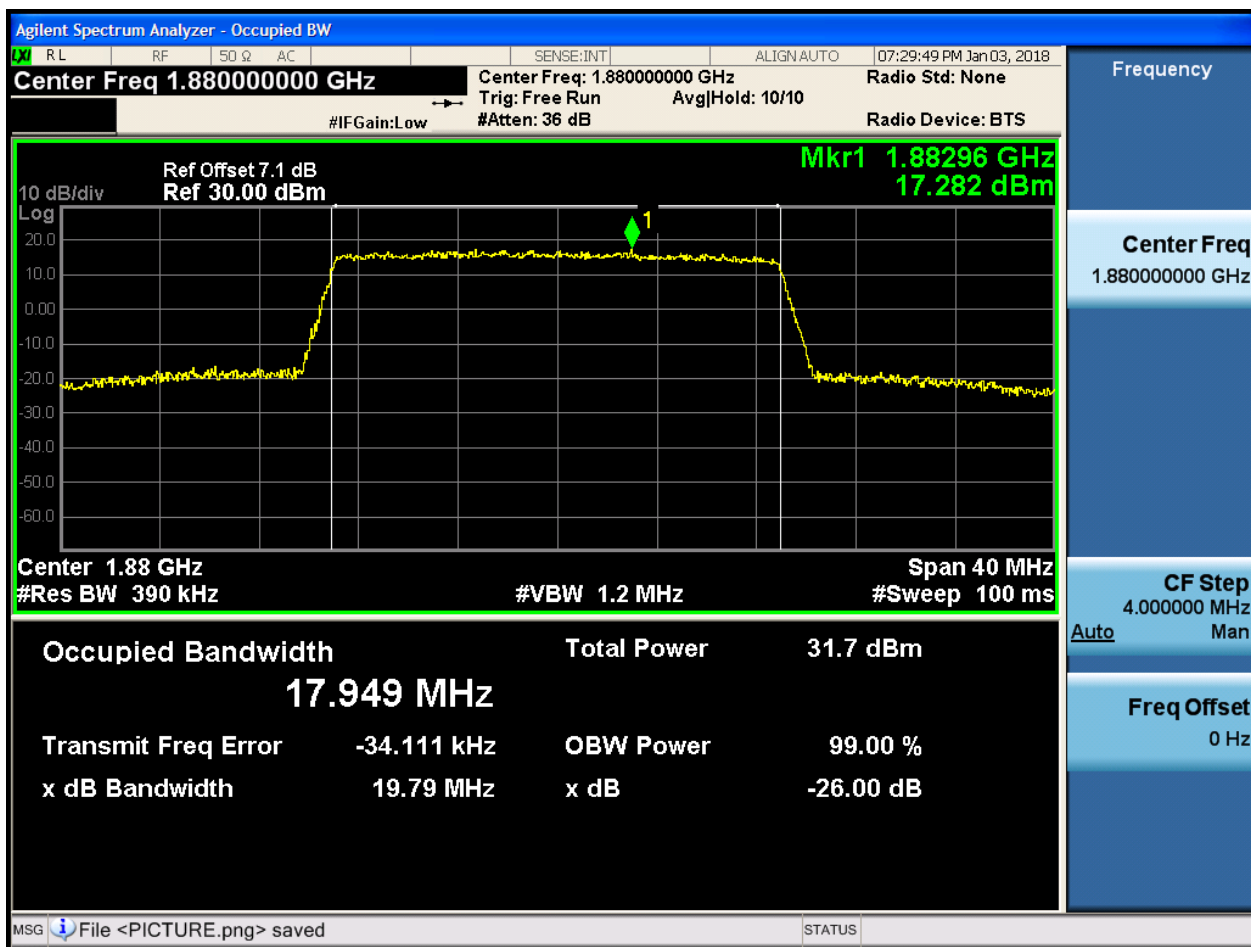
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

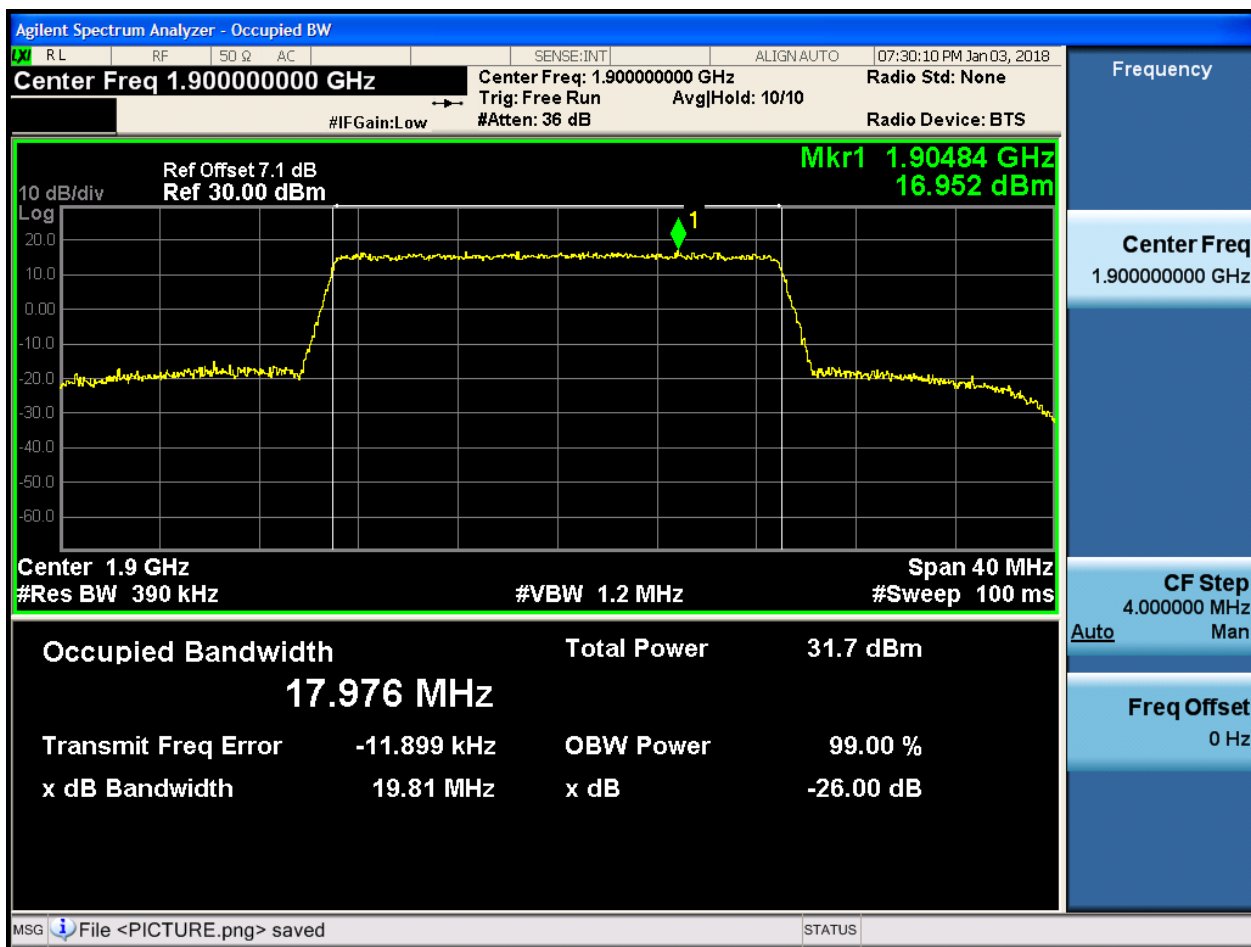
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



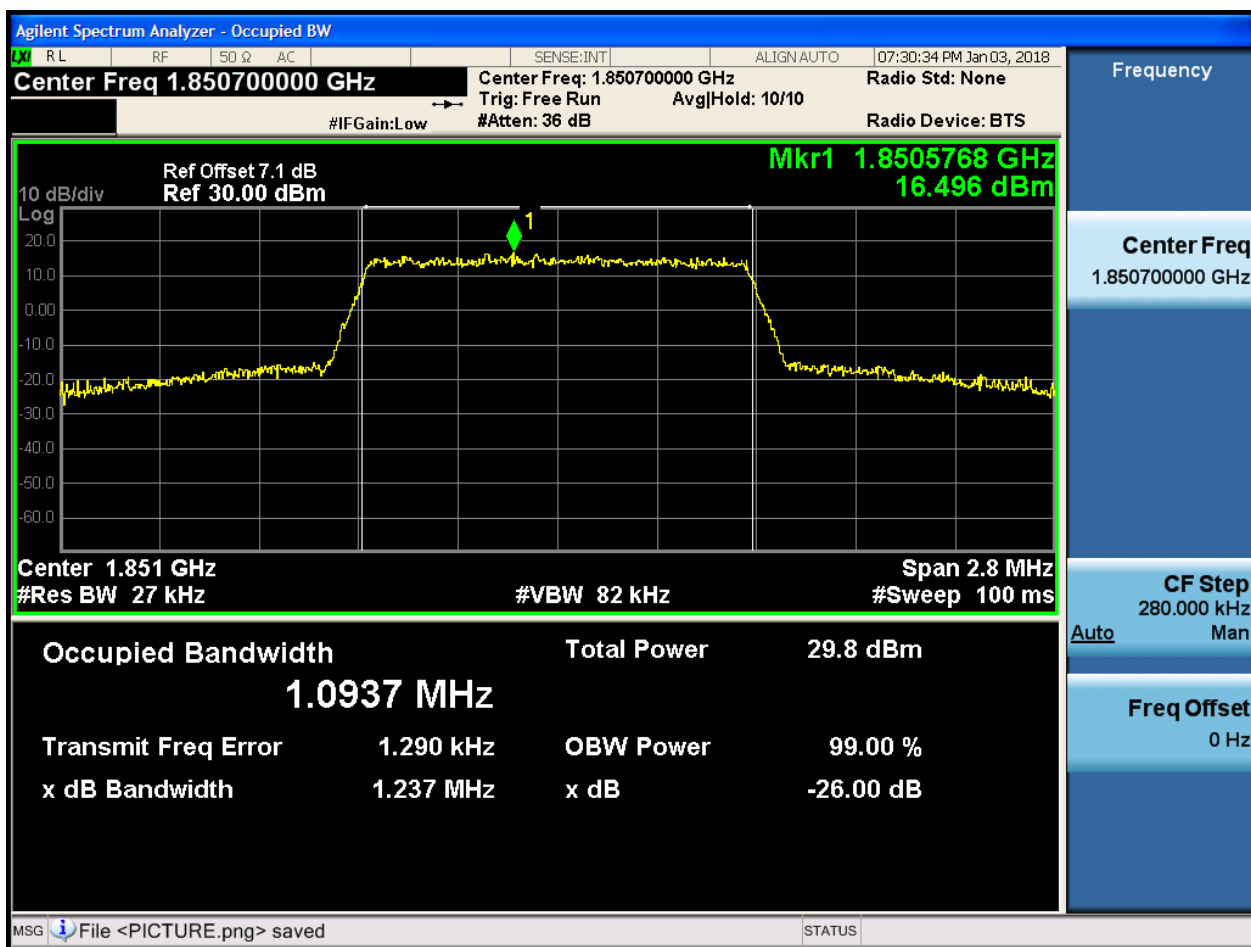


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

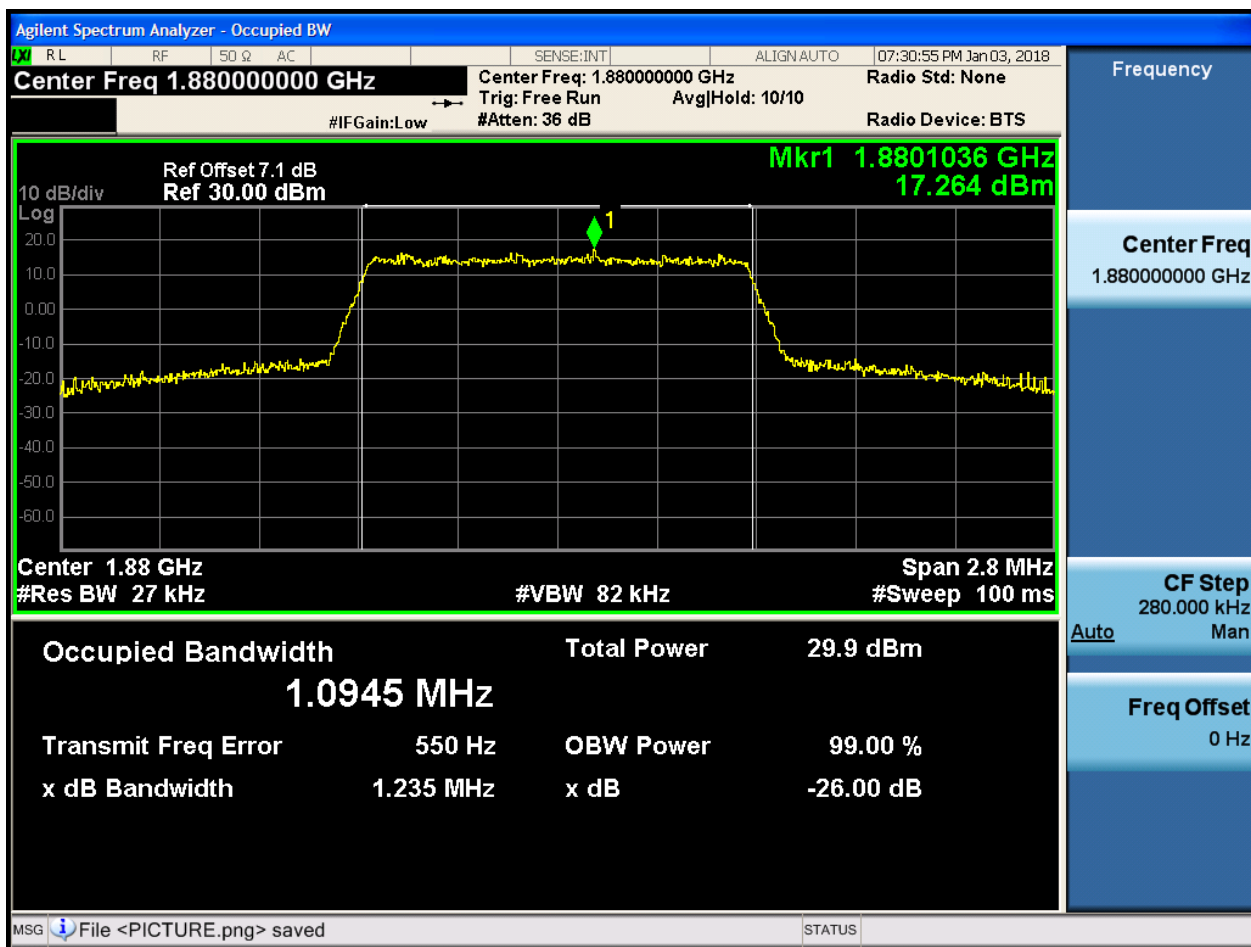
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

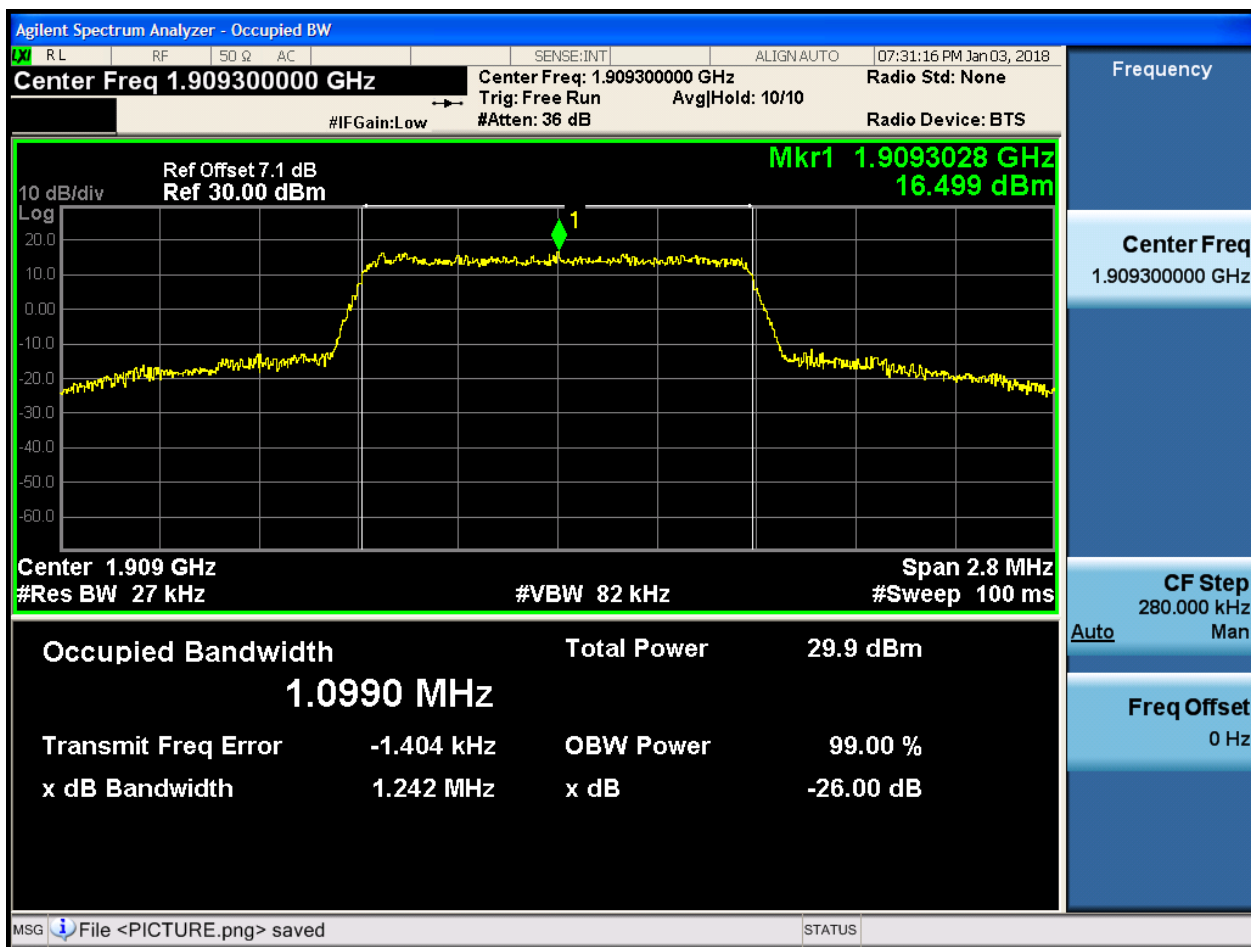
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

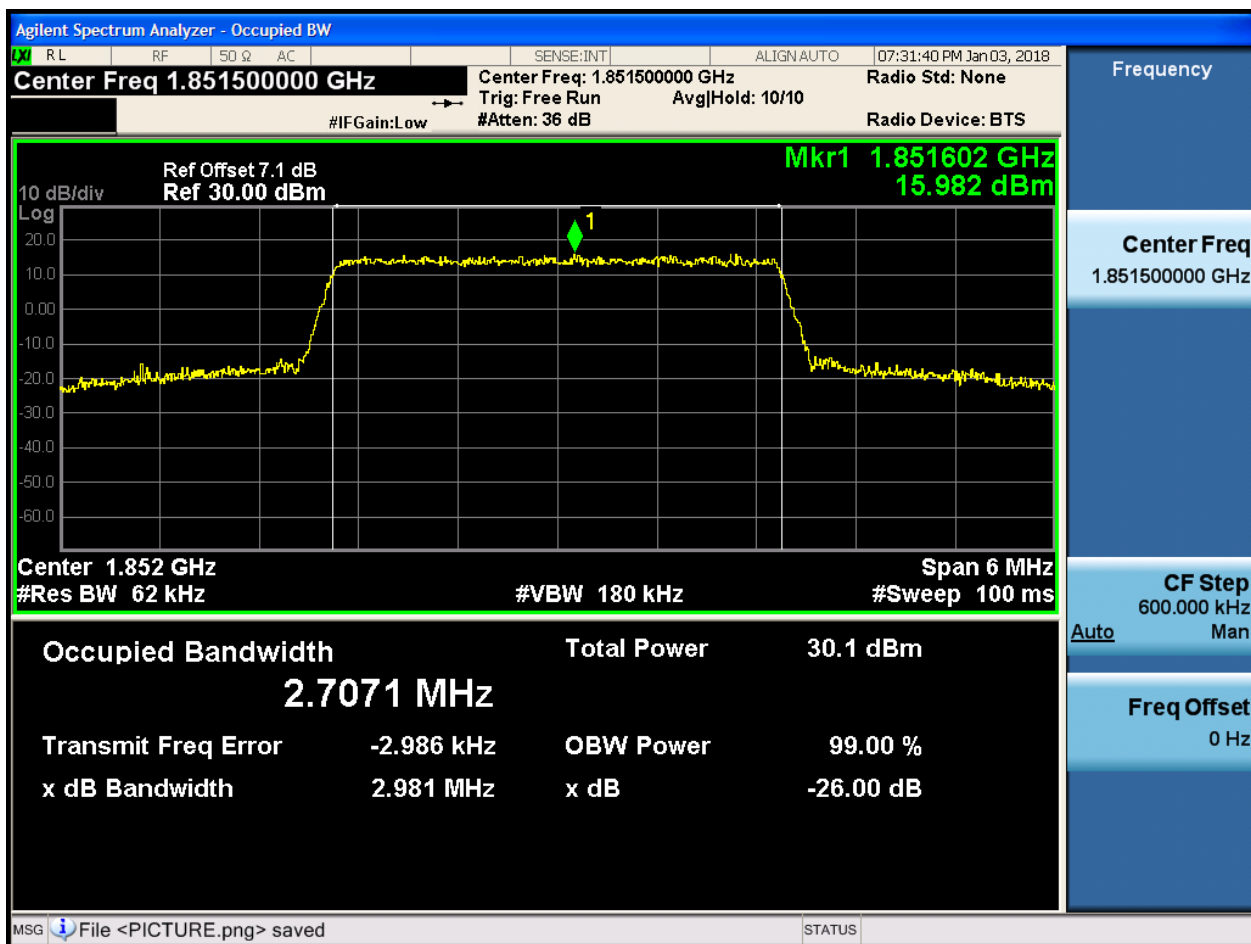




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

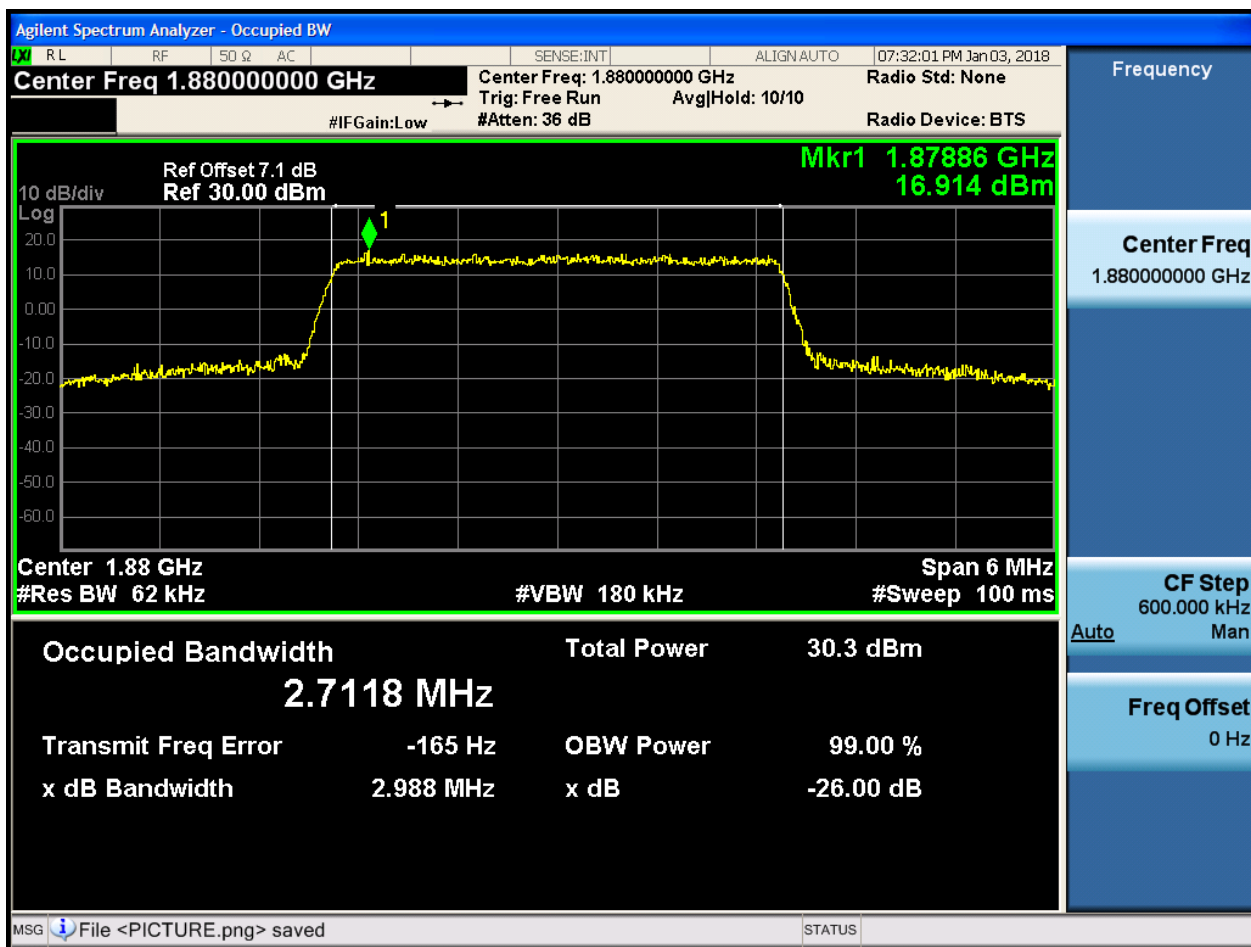
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

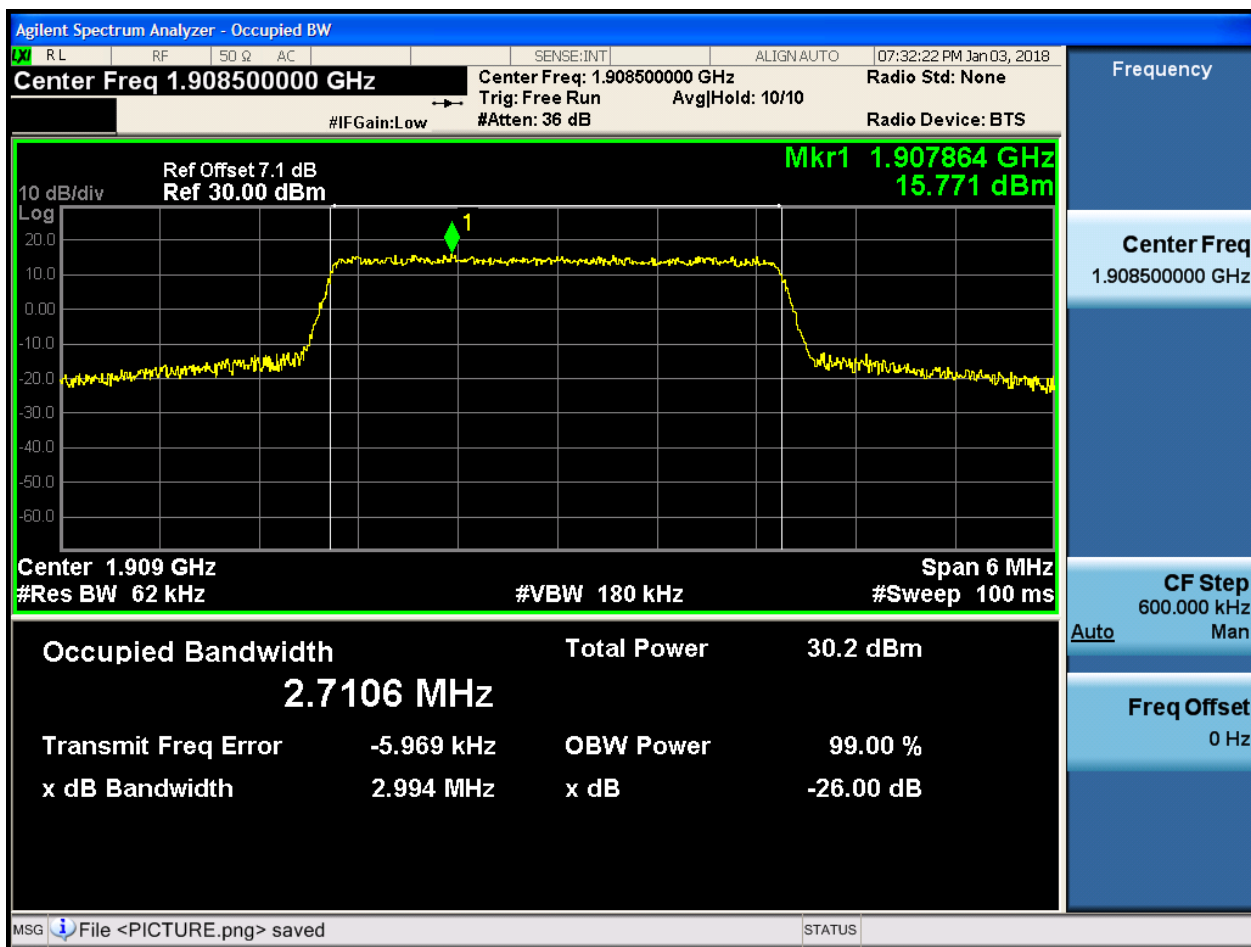
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

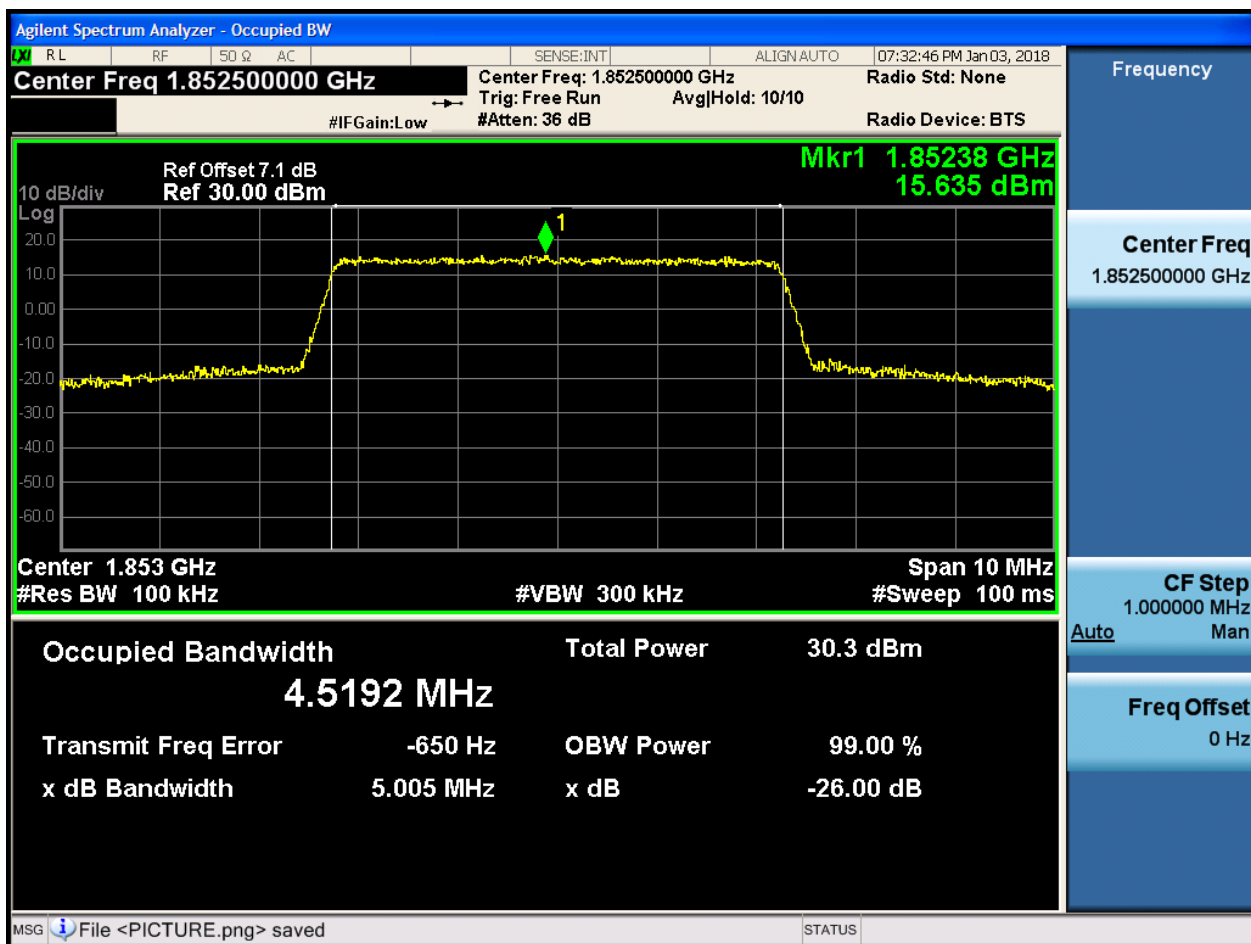




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

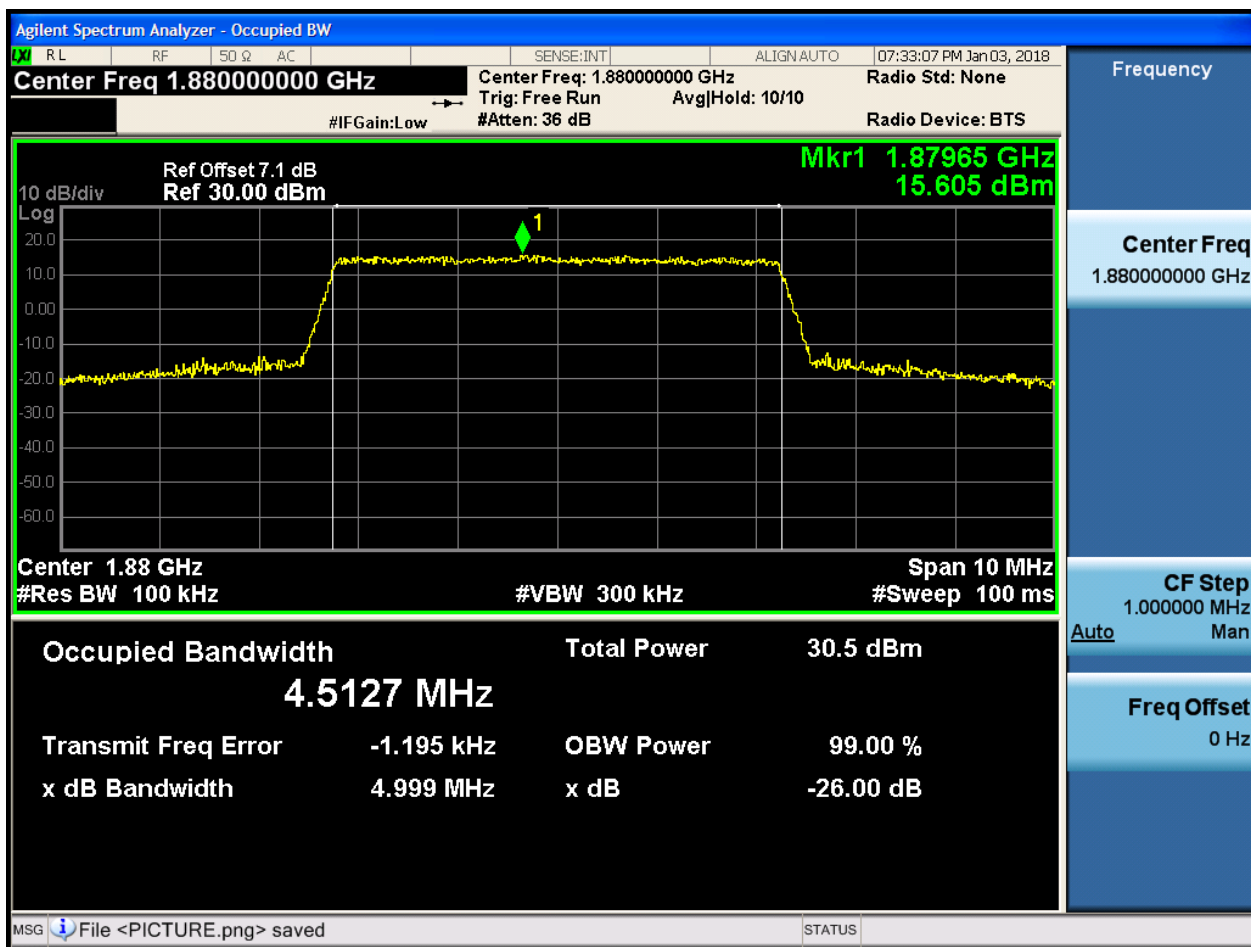
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

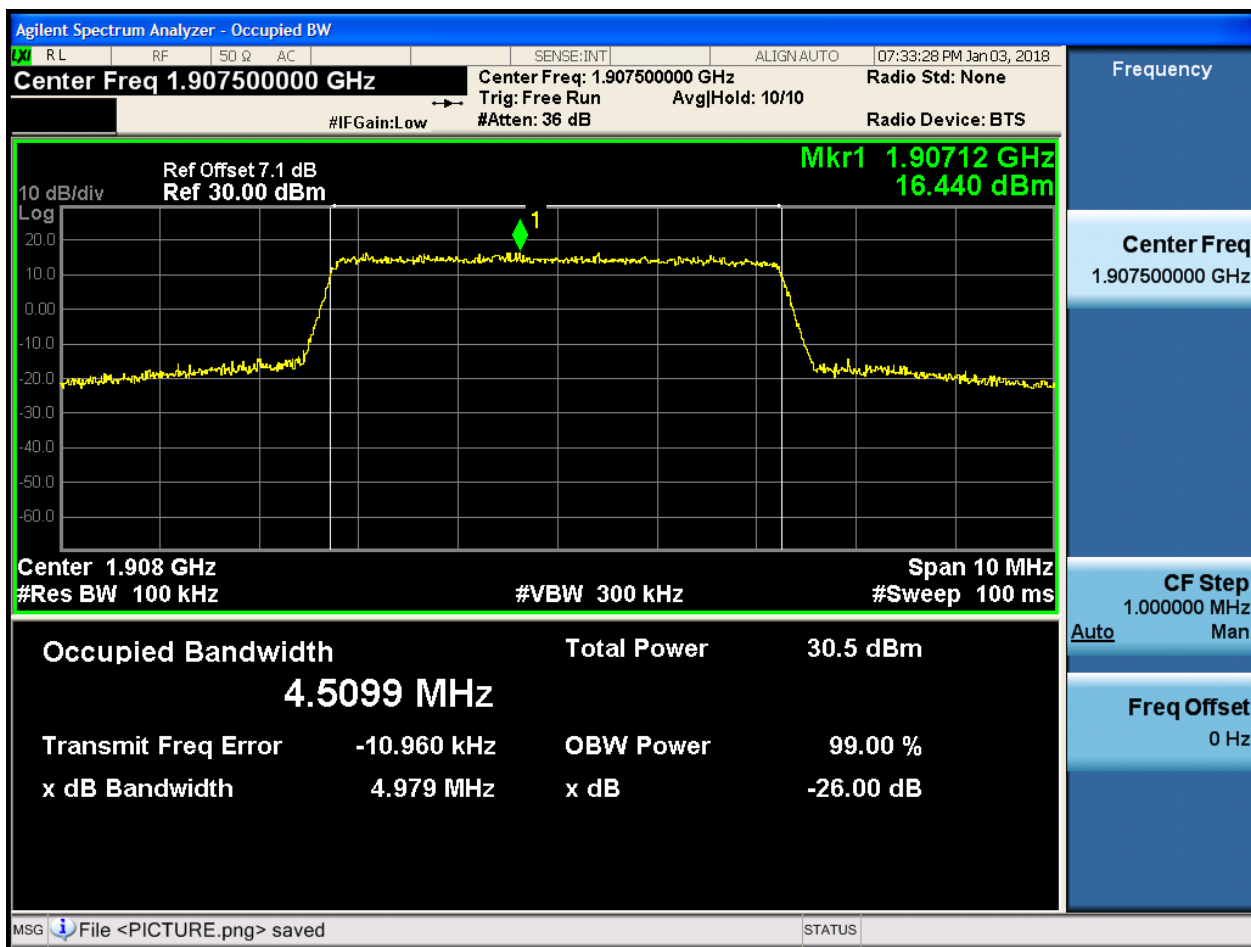
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

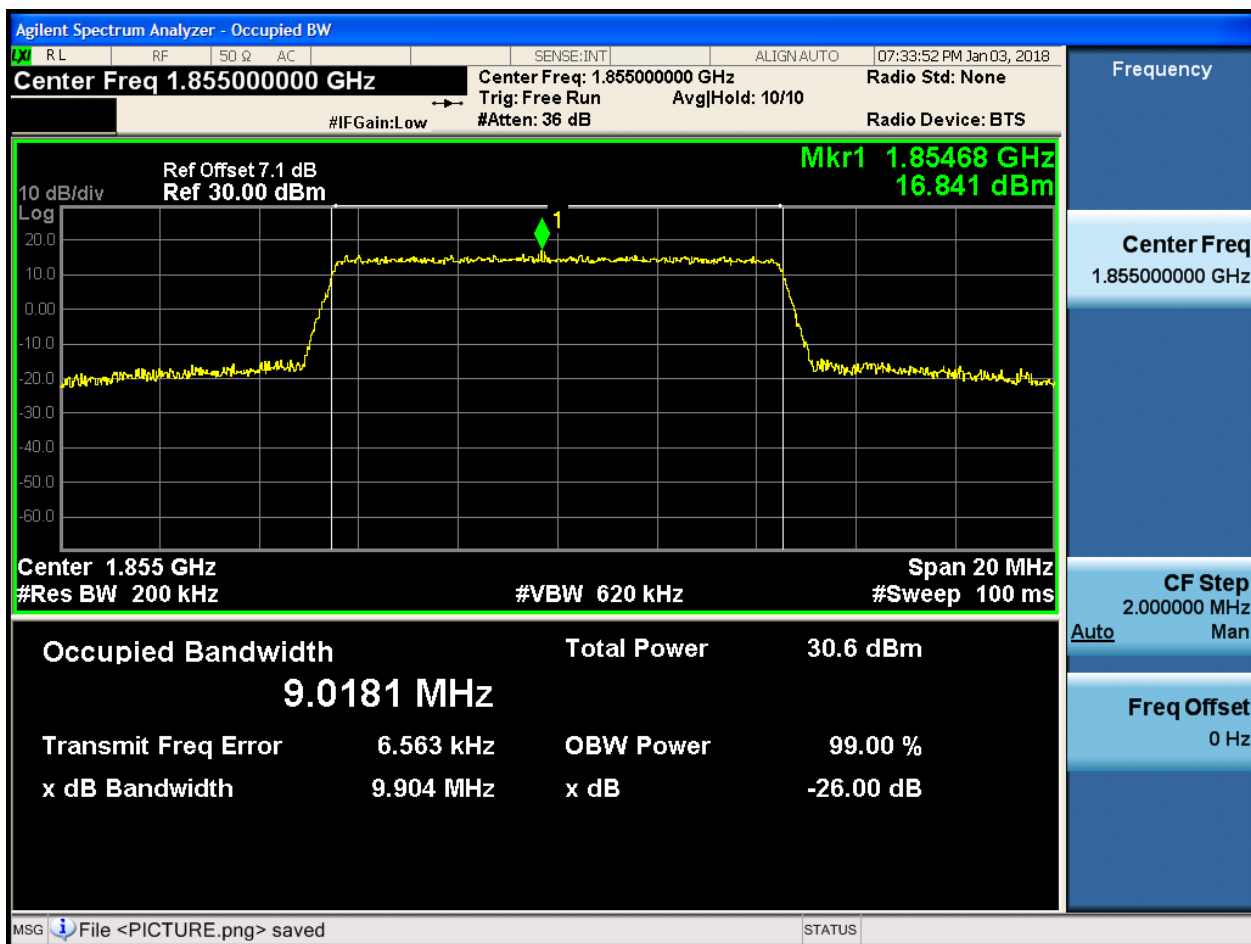




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

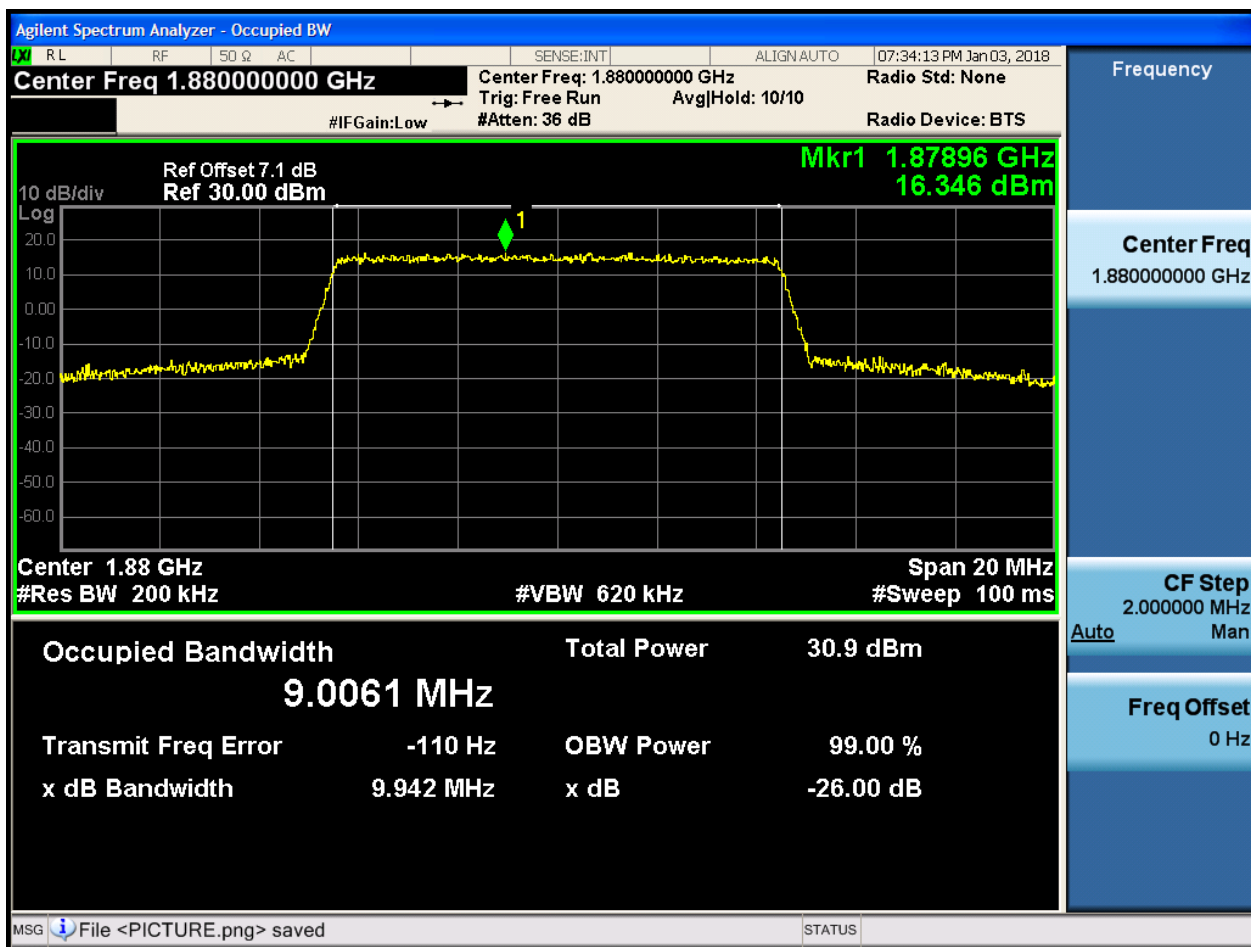
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

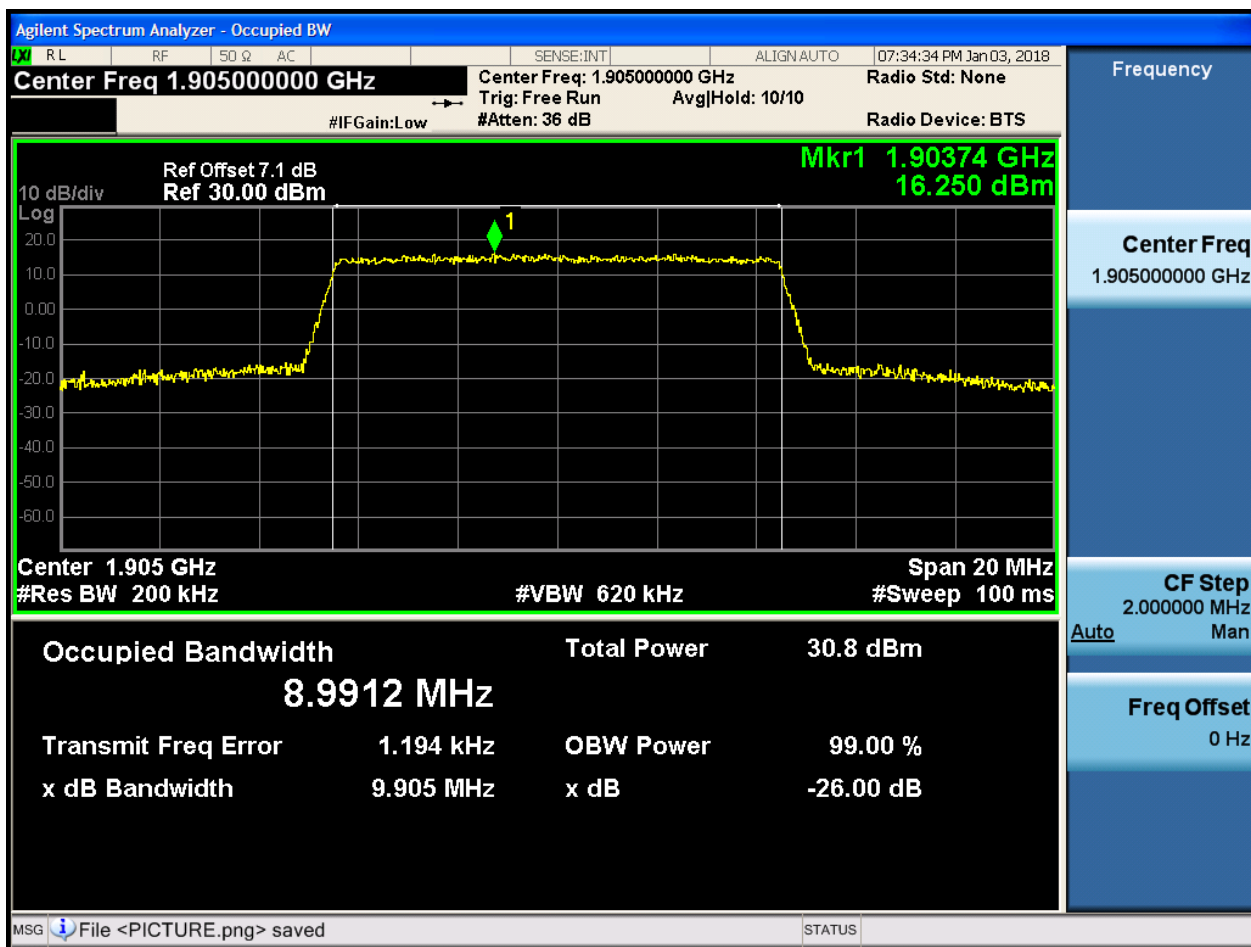
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

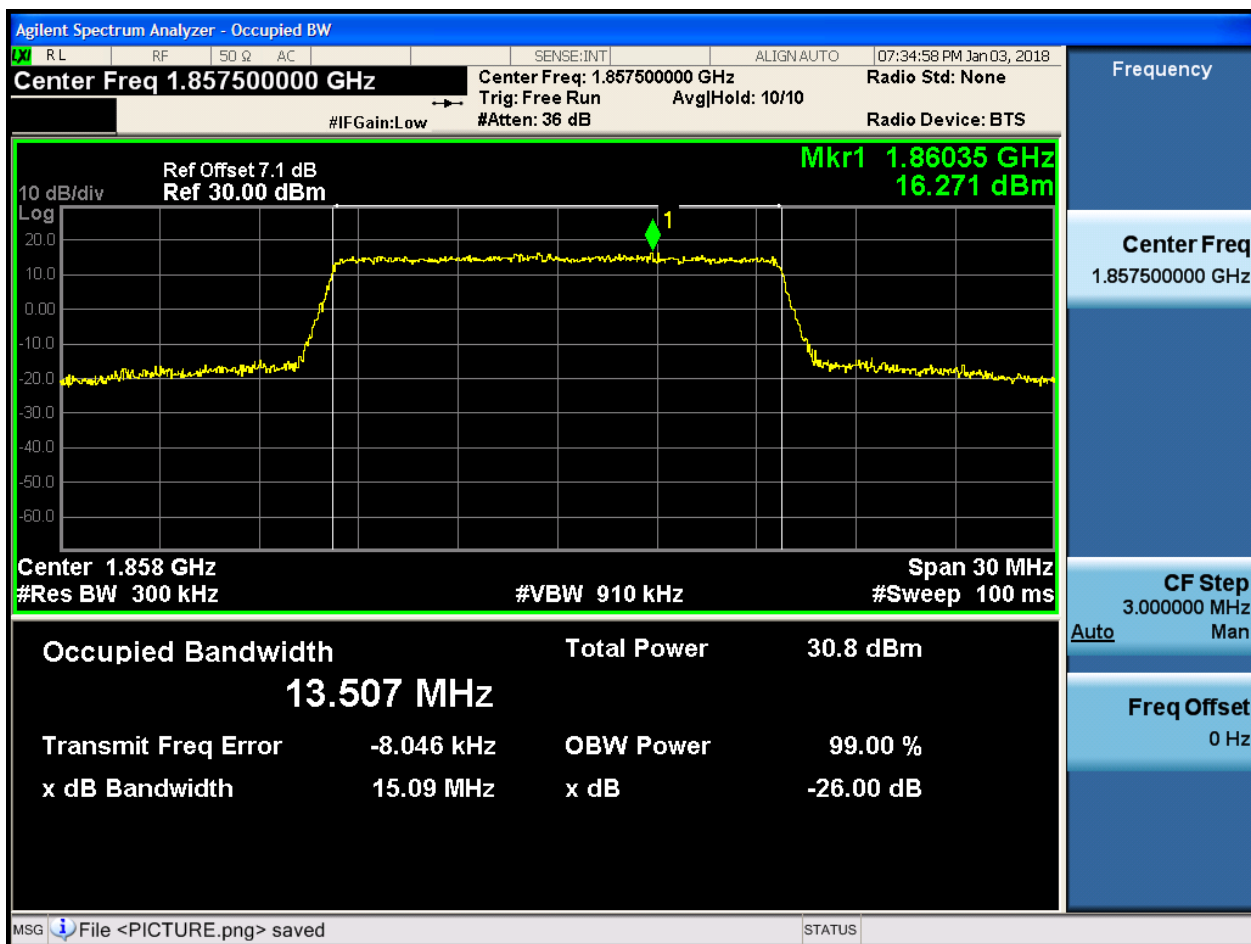




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

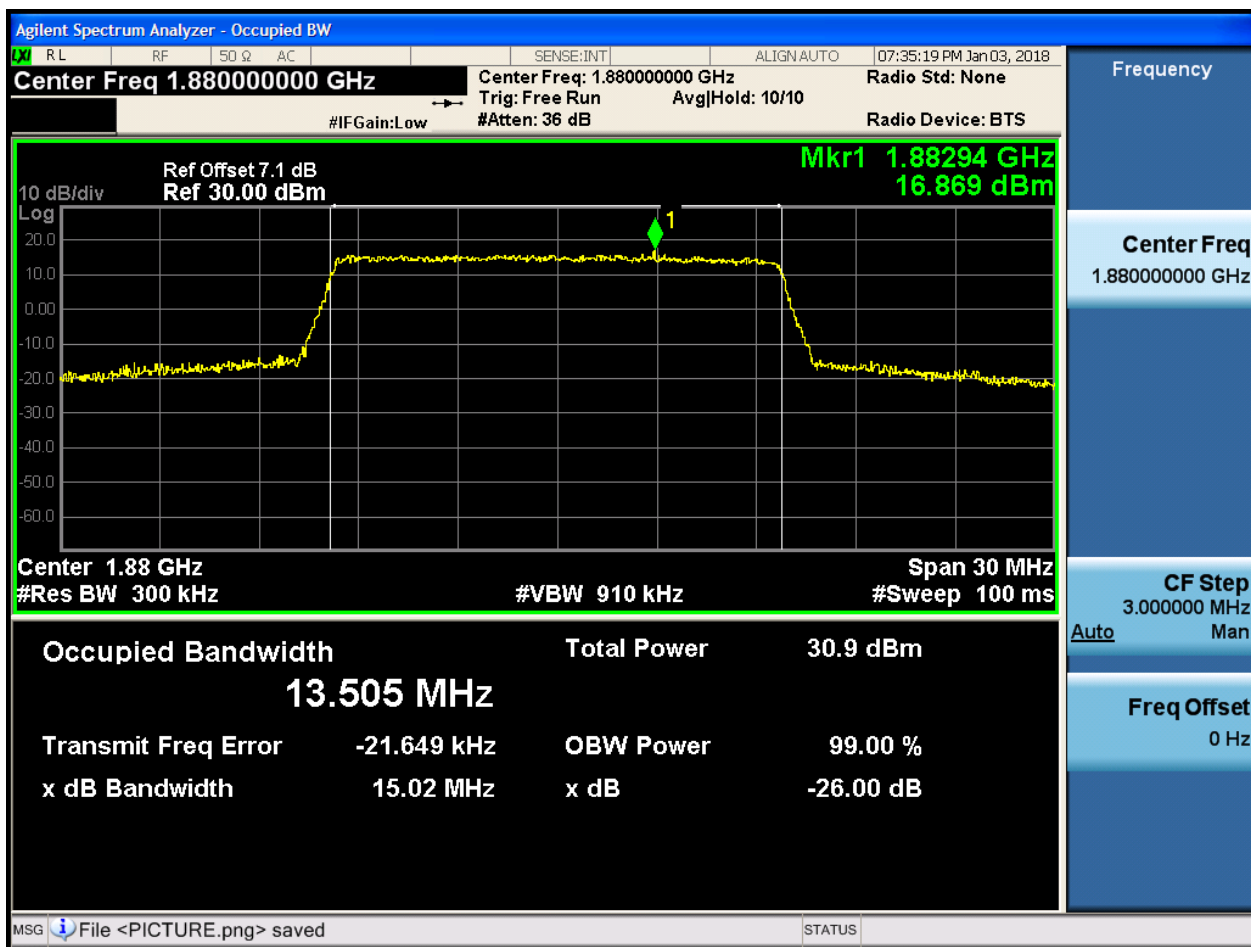
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

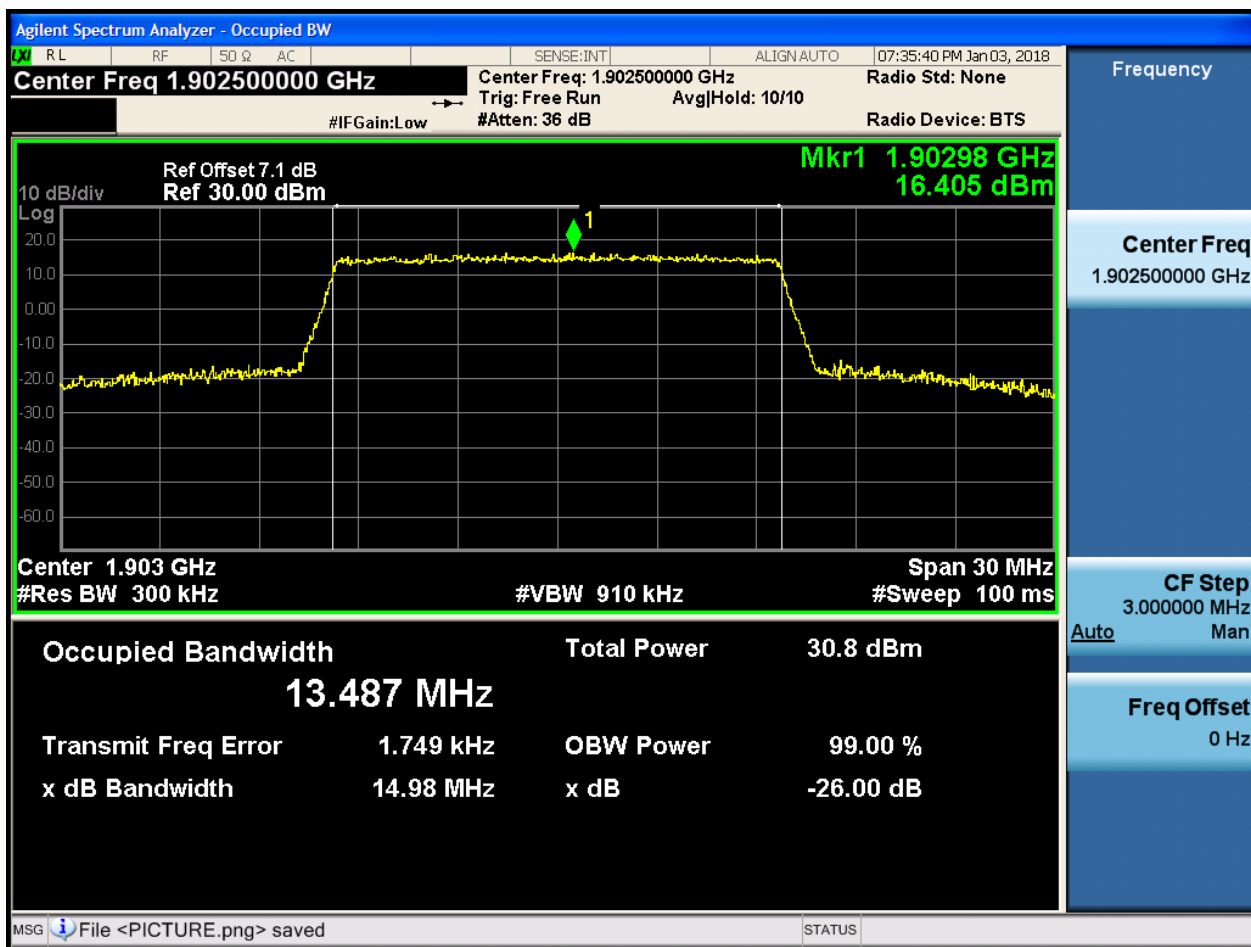
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

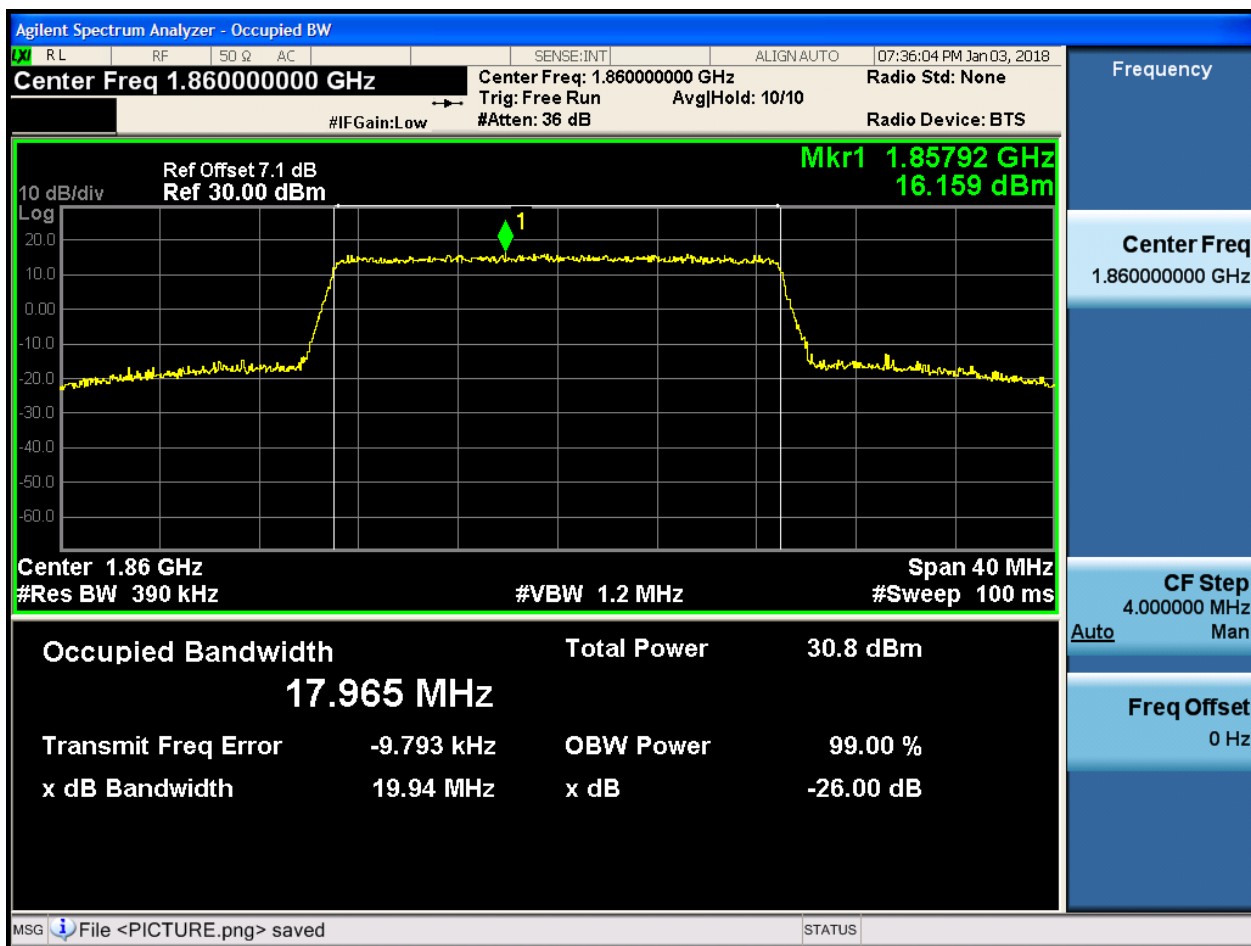




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

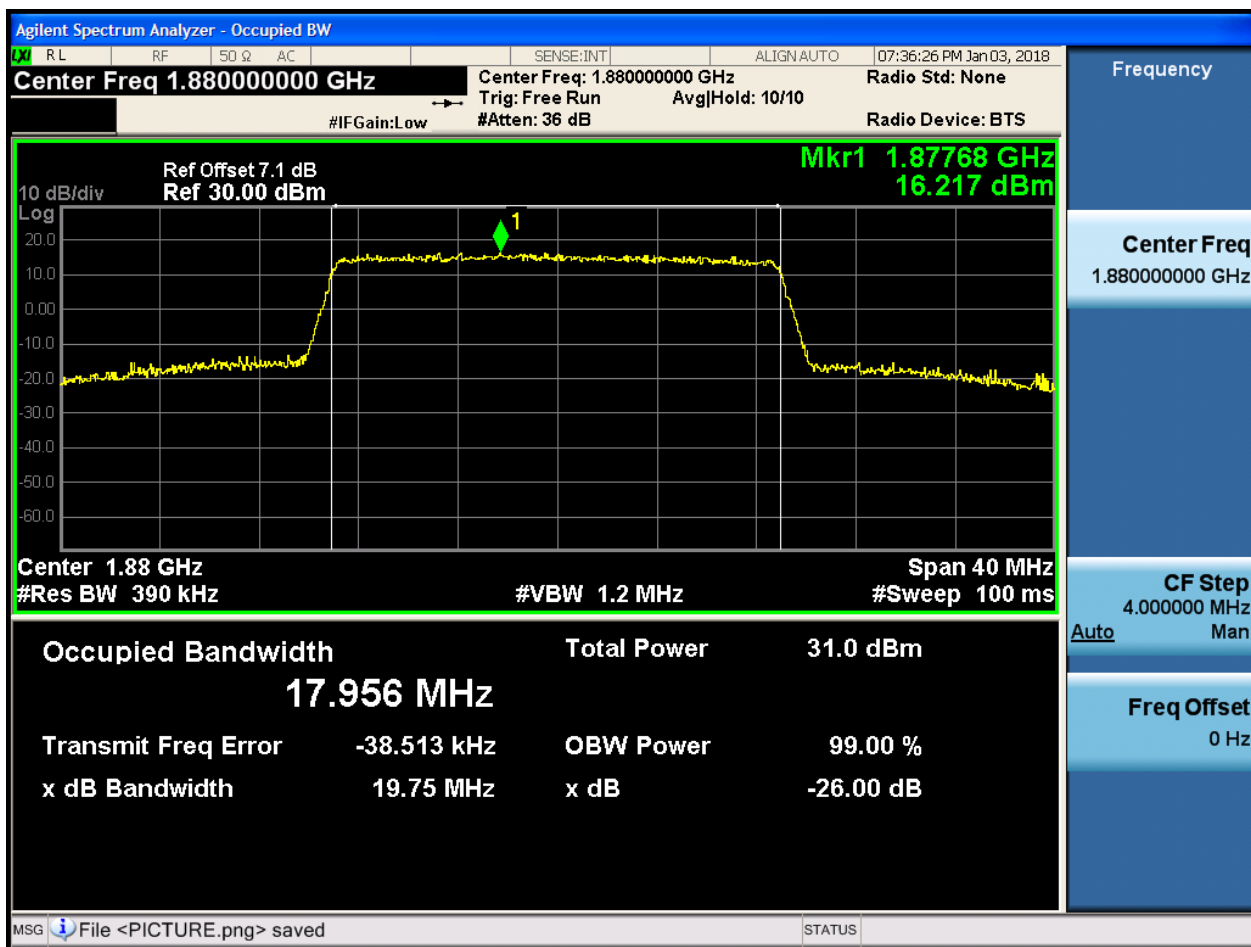
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

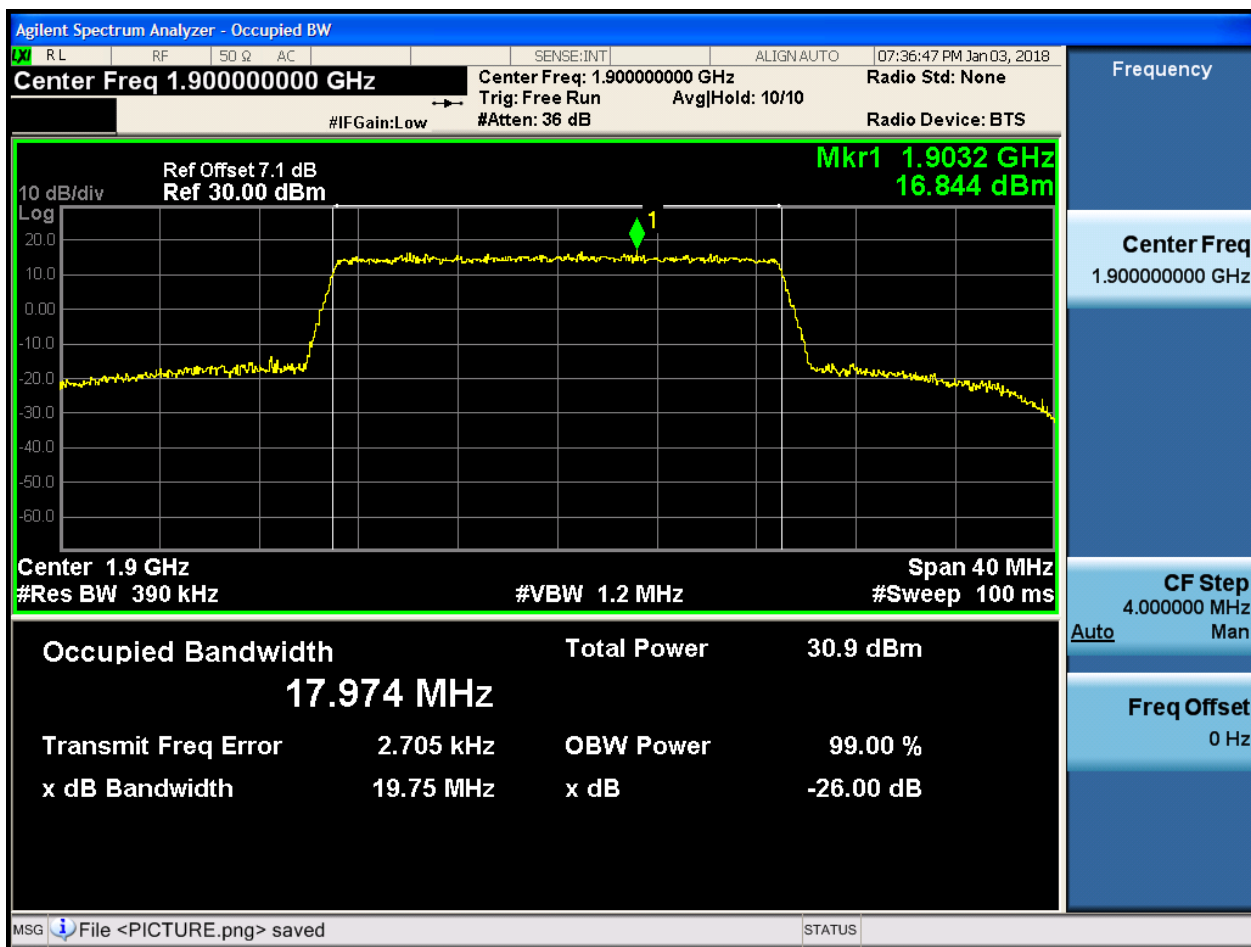
4.1.1.2.6.2.1 Test RB = RB100#0





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

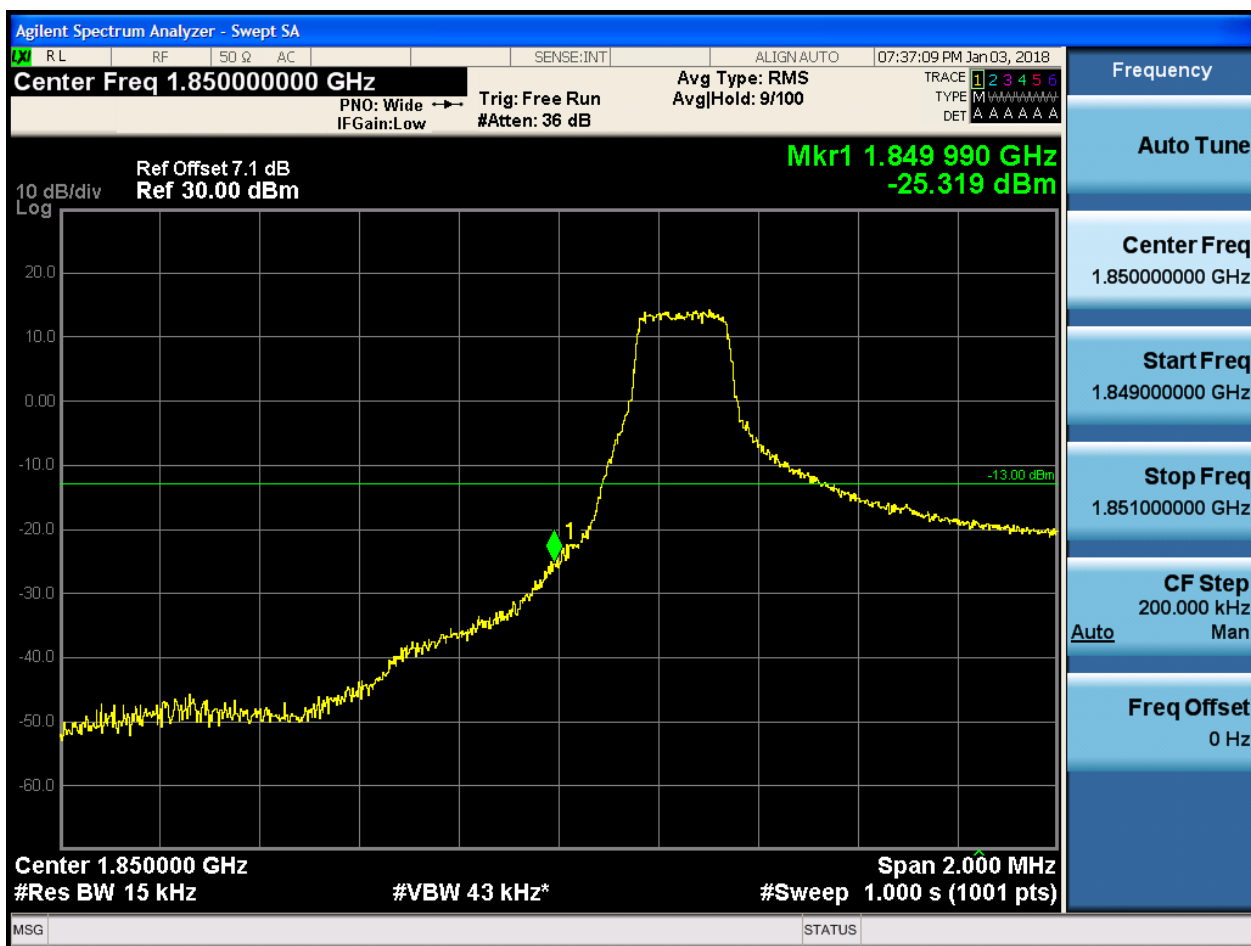
5.1.1 Test Band = BAND2

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

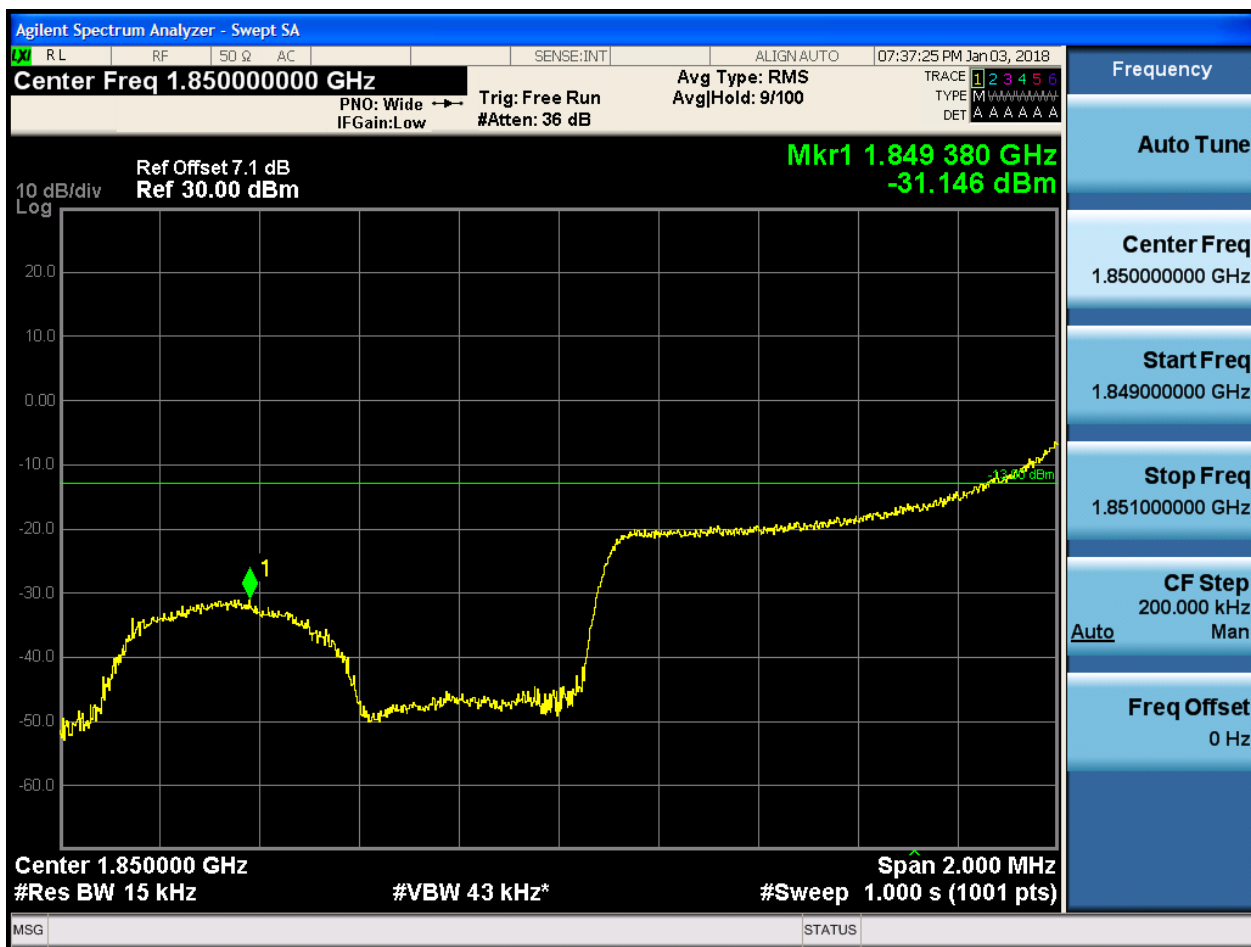
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



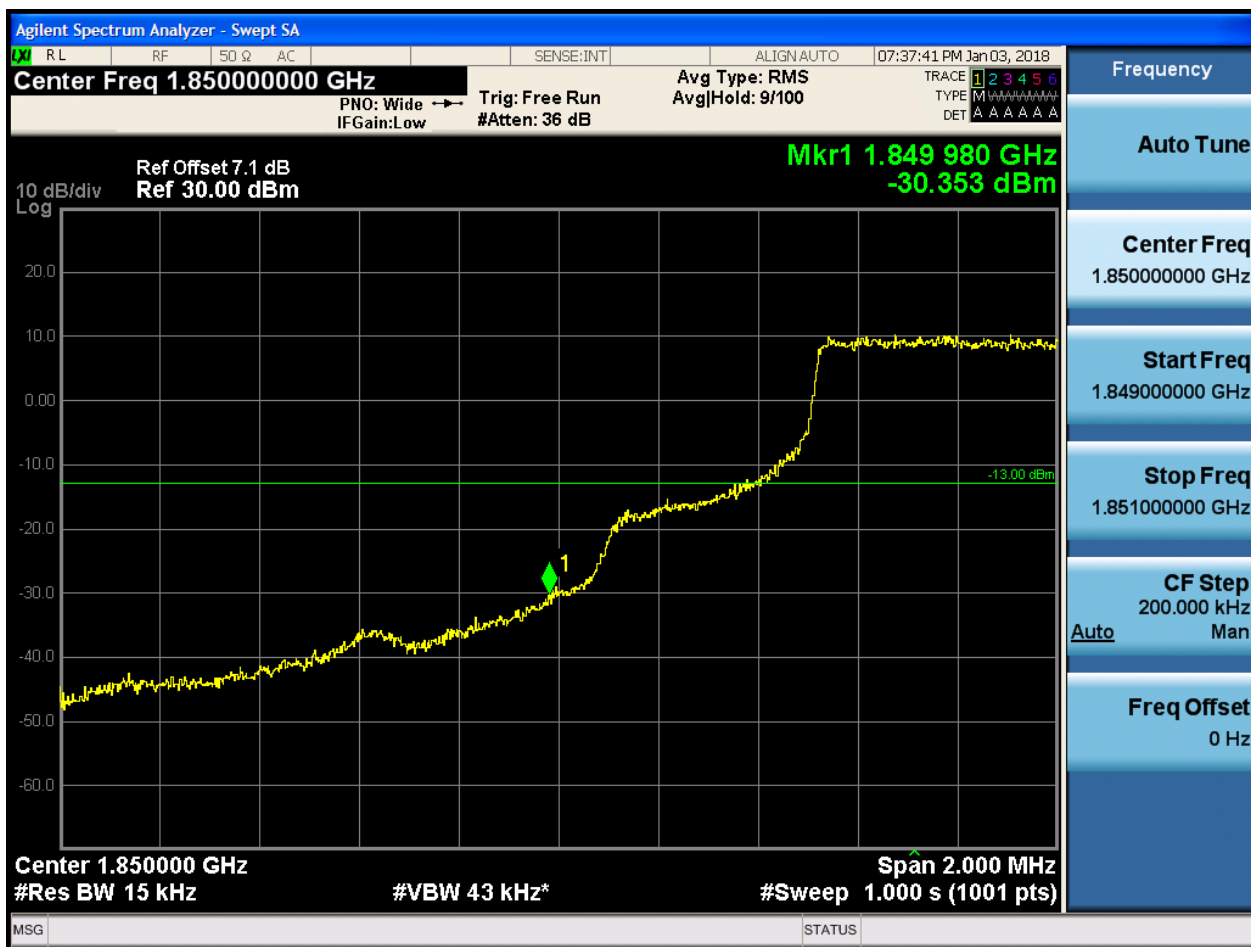


5.1.1.1.1.2 Test RB = RB1#5



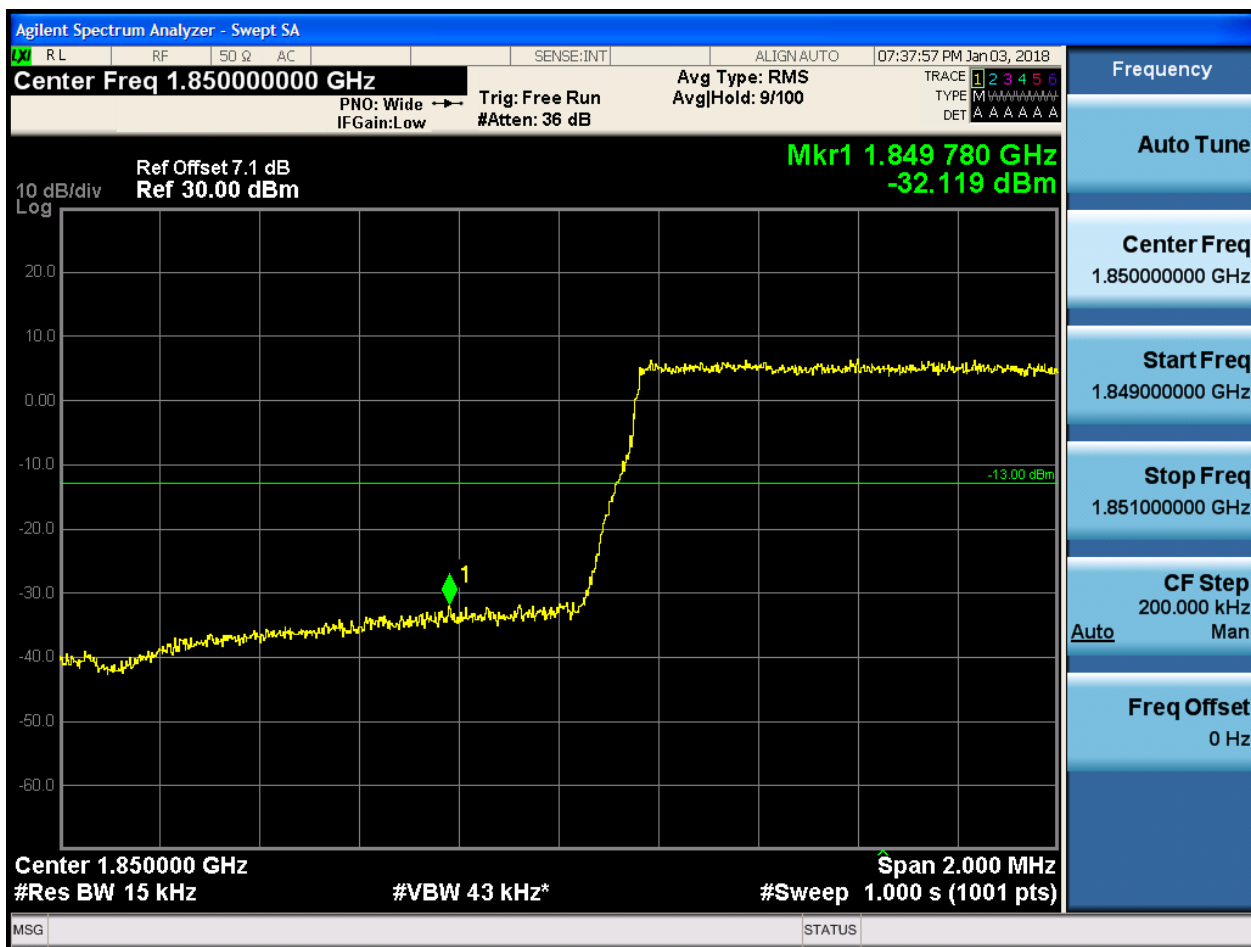


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





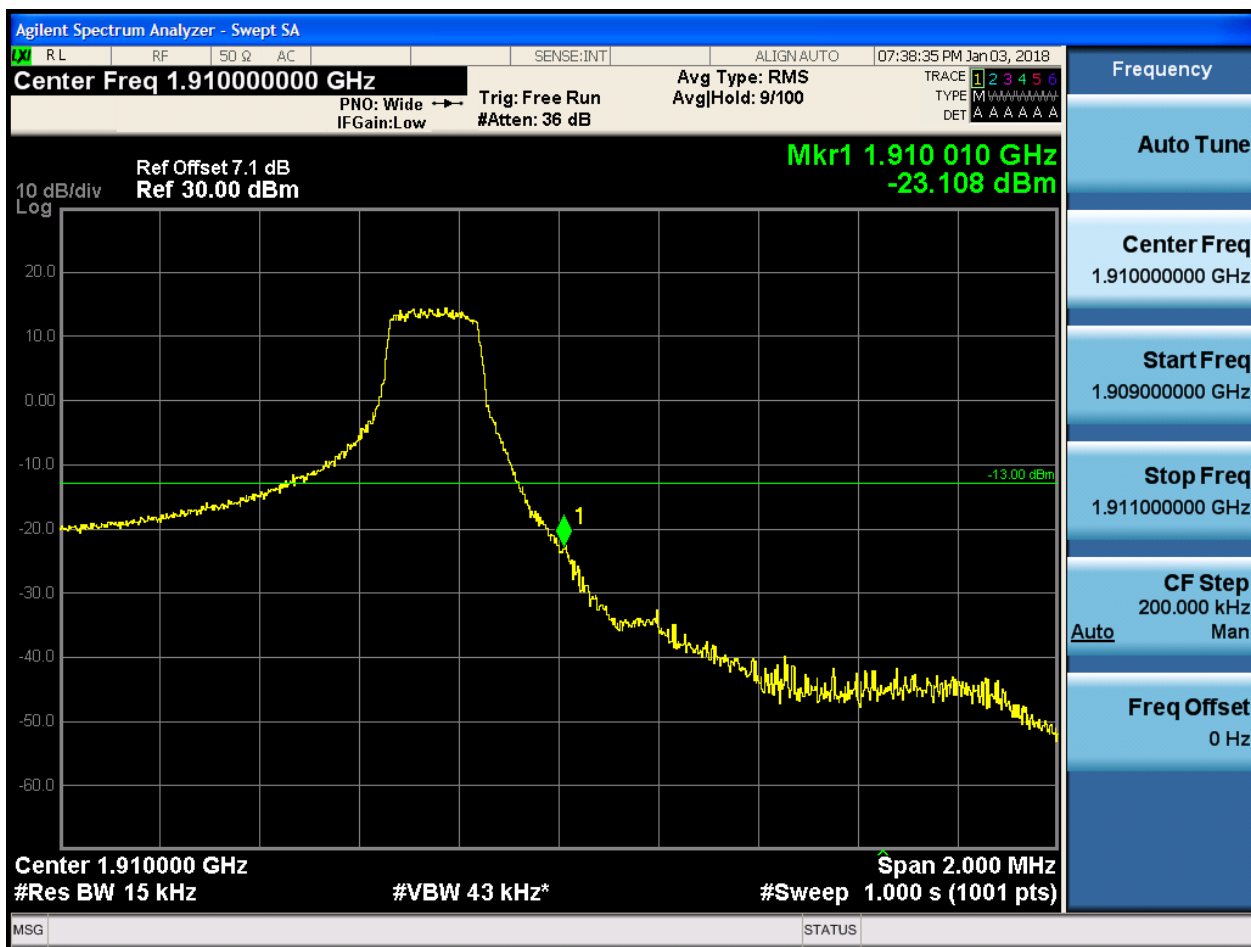
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:38:51 PM Jan 03, 2018

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 090 GHz
-22.911 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 15 kHz
#VBW 43 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



5.1.1.1.2.4 Test RB = RB6#0

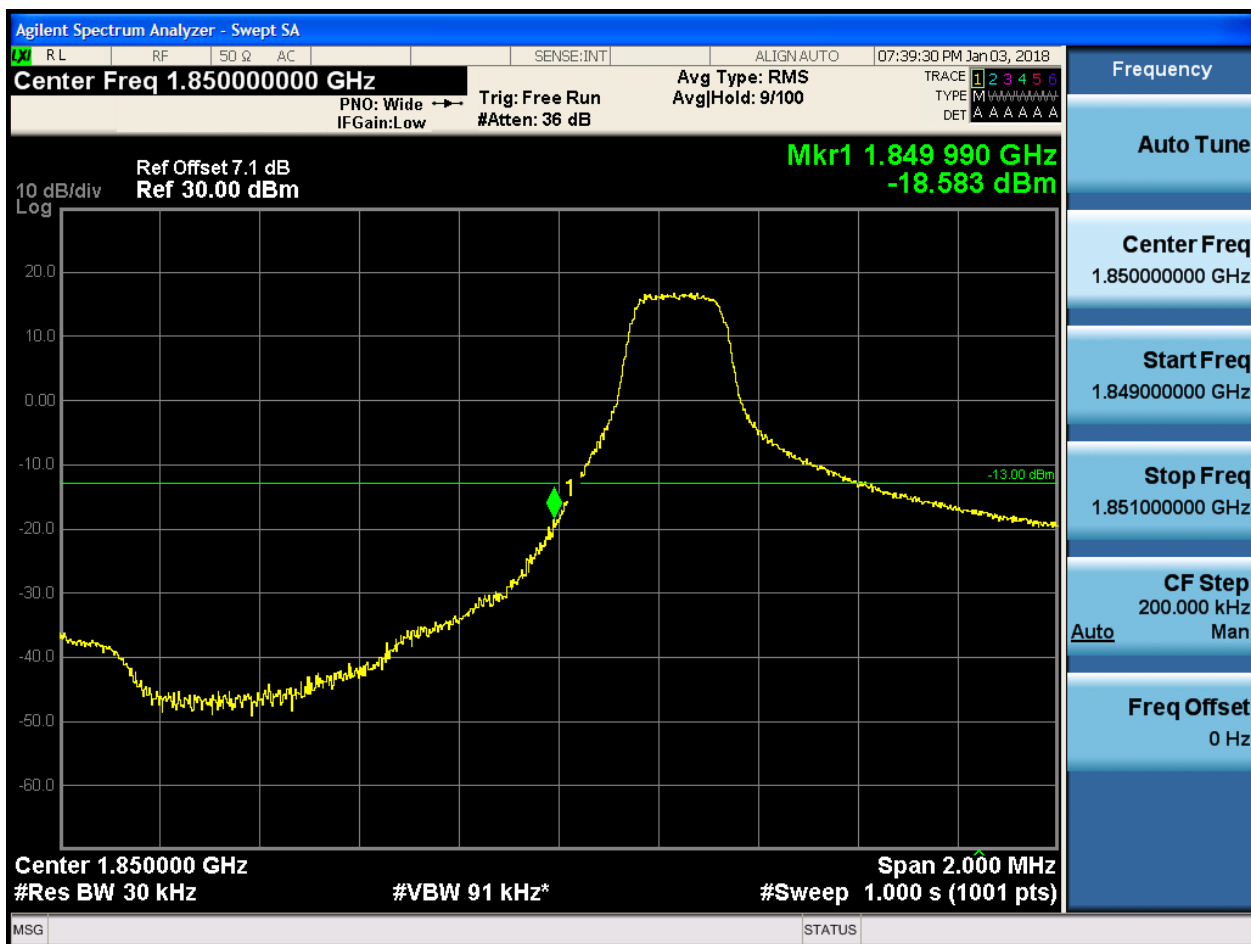




5.1.1.1.2 Test Bandwidth = 3

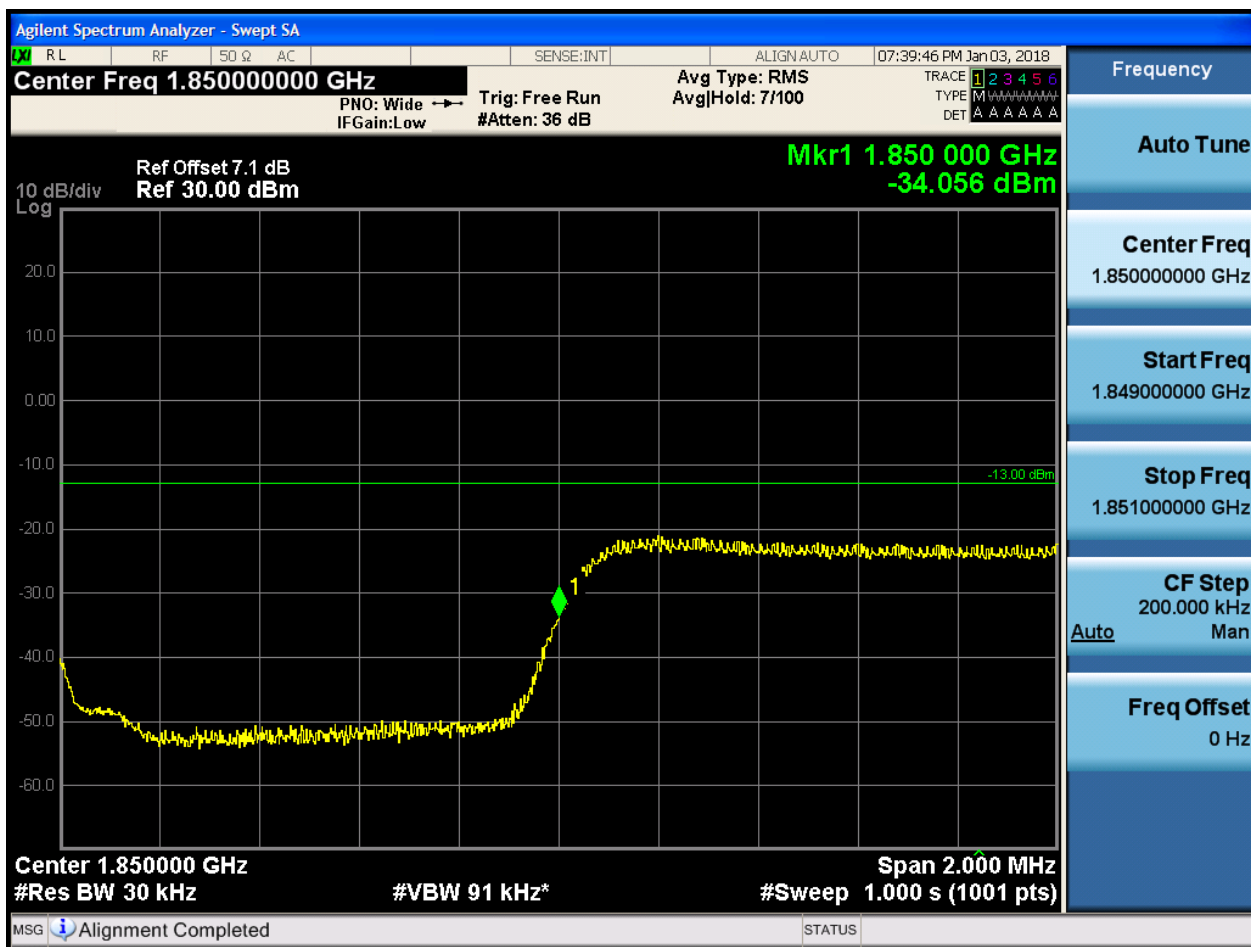
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



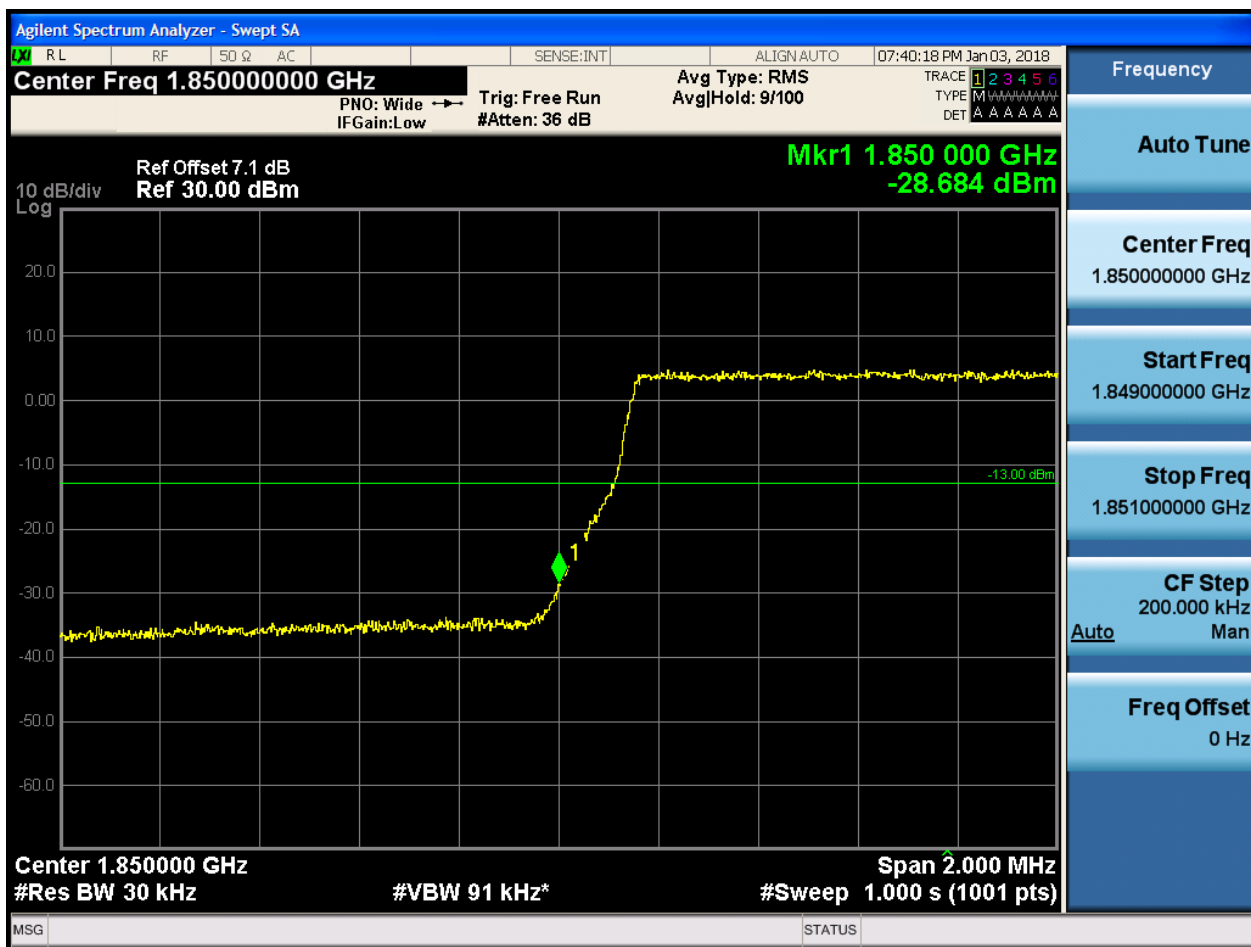


5.1.1.1.2.1.3 Test RB = RB8#4





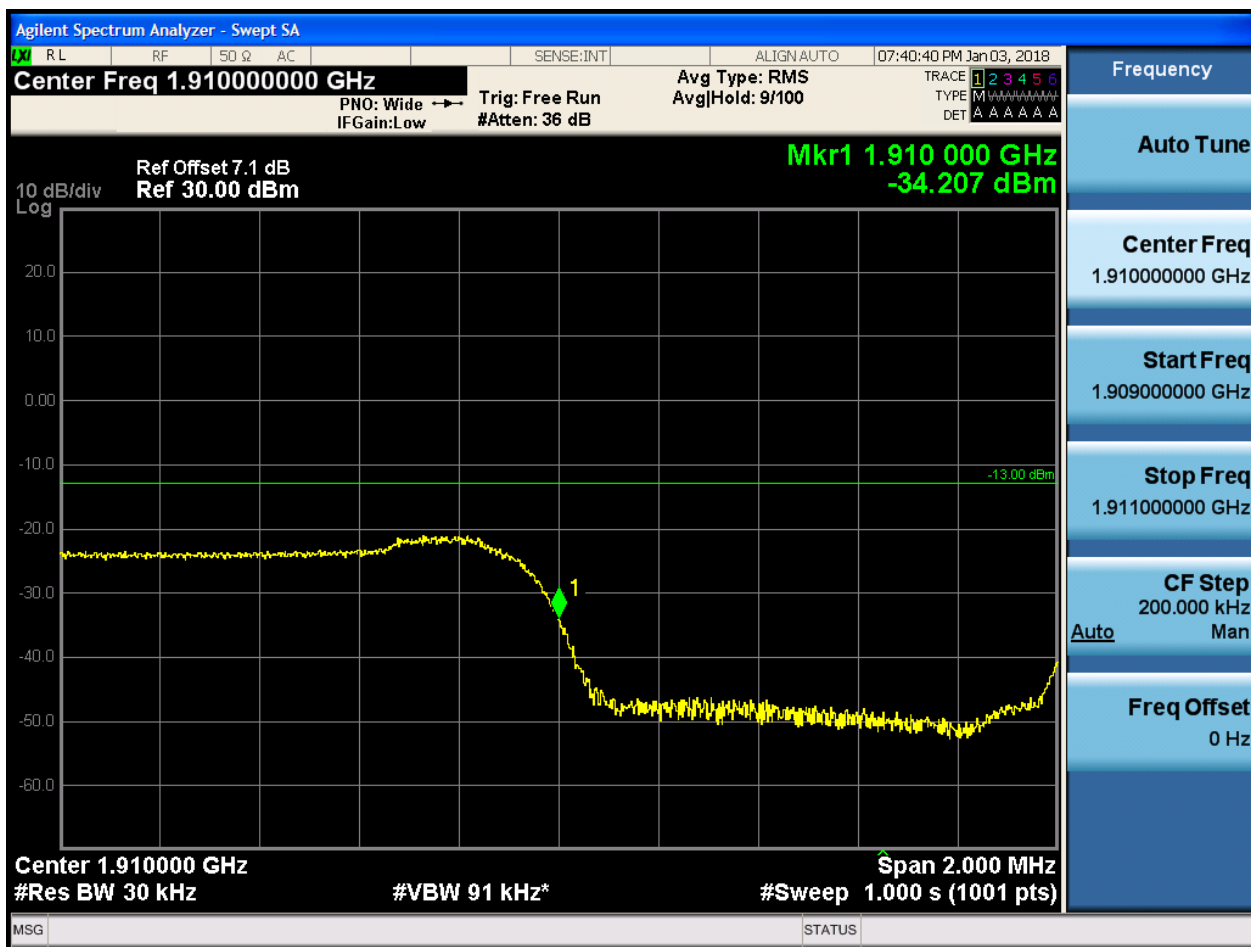
5.1.1.1.2.1.4 Test RB = RB15#0





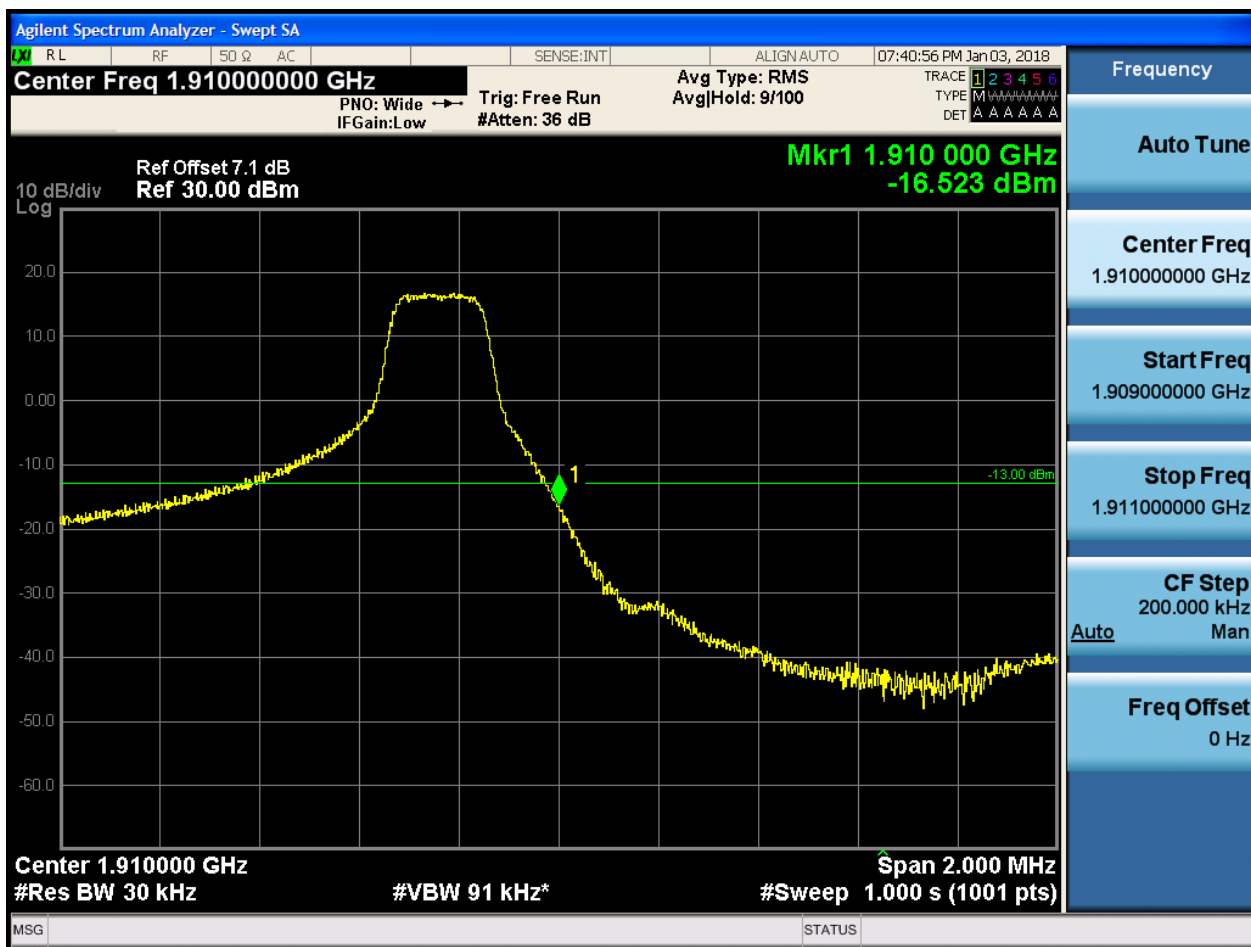
5.1.1.1.2.2 Test Channel = HCH

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

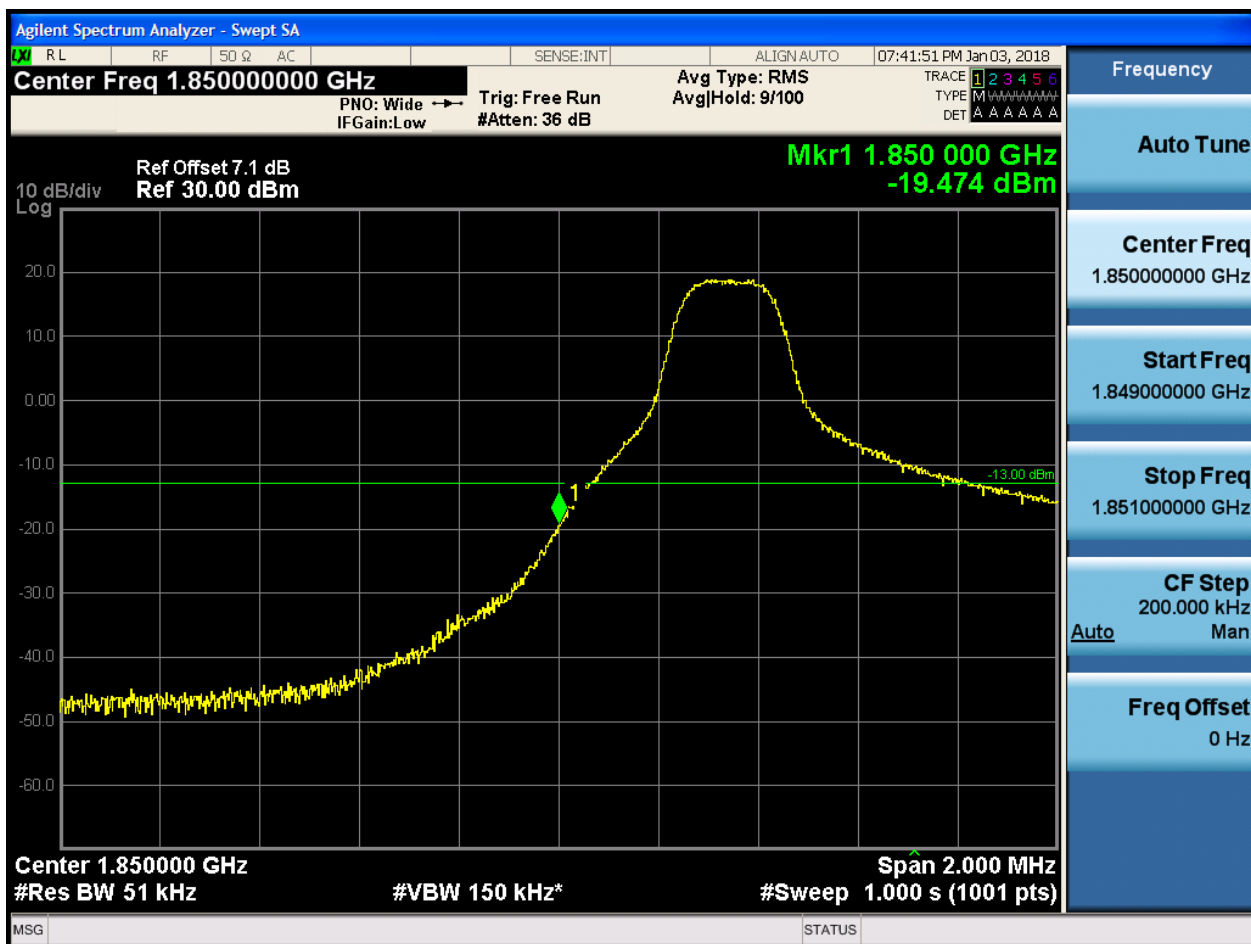




5.1.1.1.3 Test Bandwidth = 5

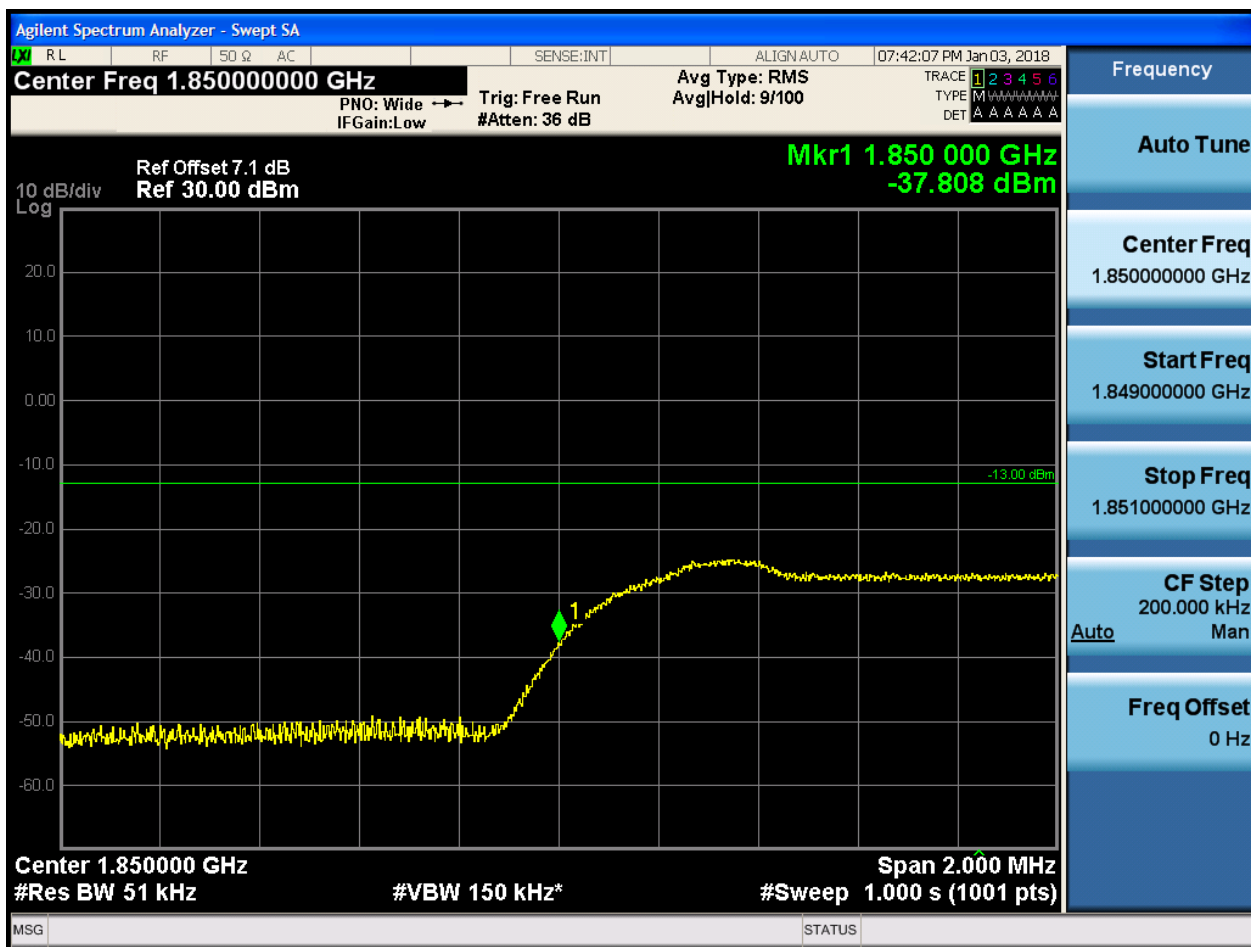
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



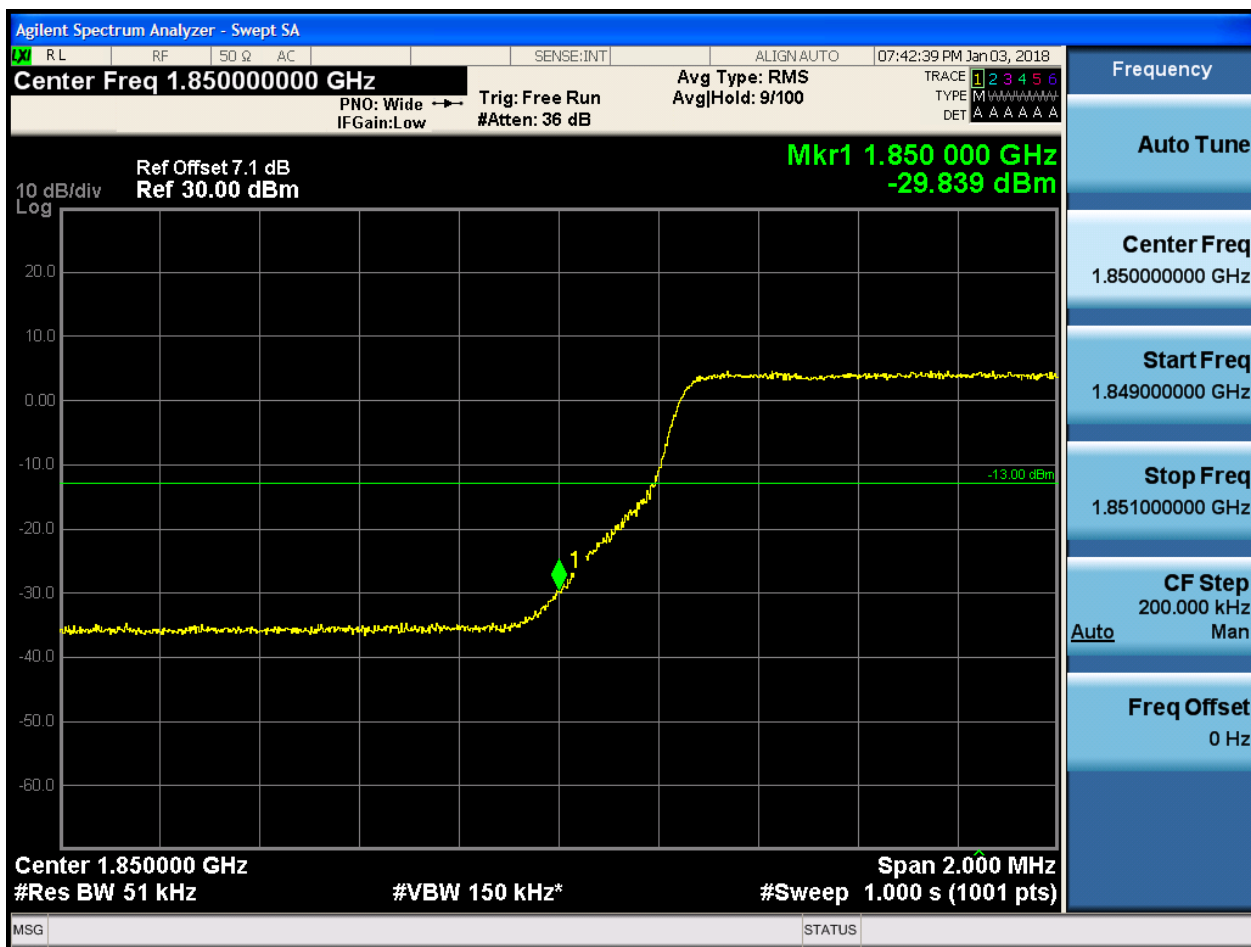


5.1.1.1.3.1.3 Test RB = RB12#6





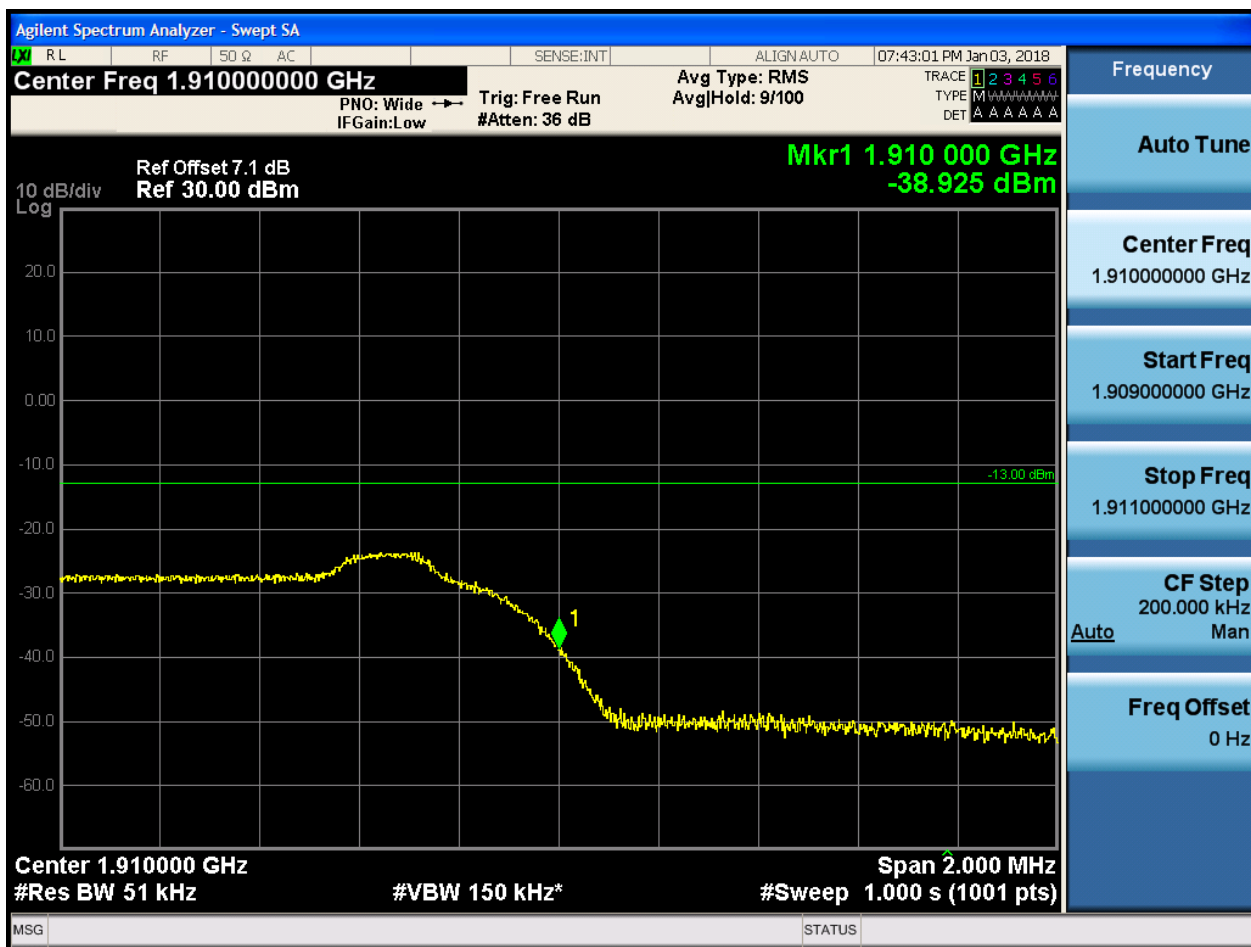
5.1.1.1.3.1.4 Test RB = RB25#0





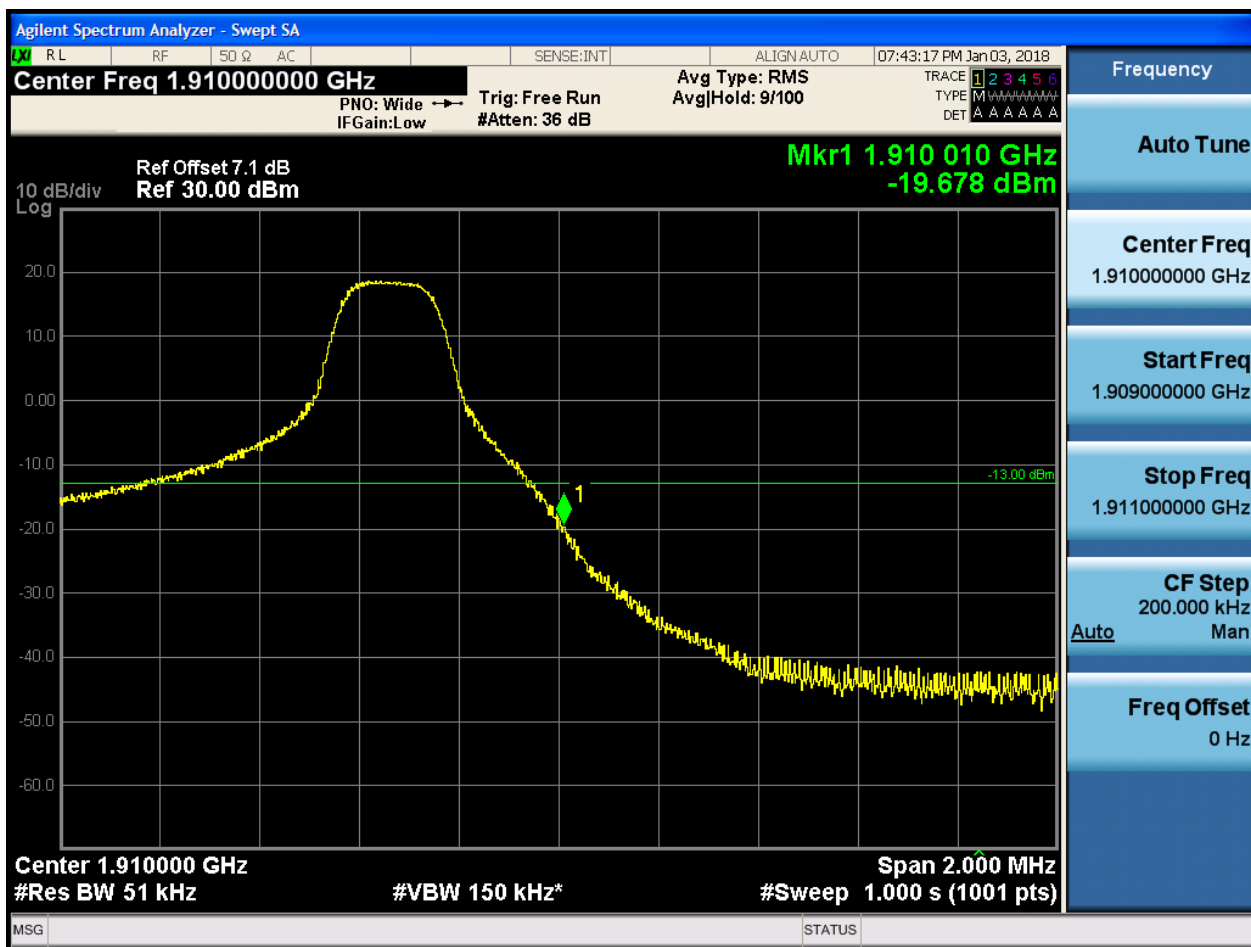
5.1.1.1.3.2 Test Channel = HCH

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

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:43:33 PM Jan 03, 2018

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#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 1.910 000 GHz
-29.436 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 51 kHz #VBW 150 kHz* Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:43:49 PM Jan 03, 2018

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#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 1.910 000 GHz
-27.650 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 51 kHz
#VBW 150 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

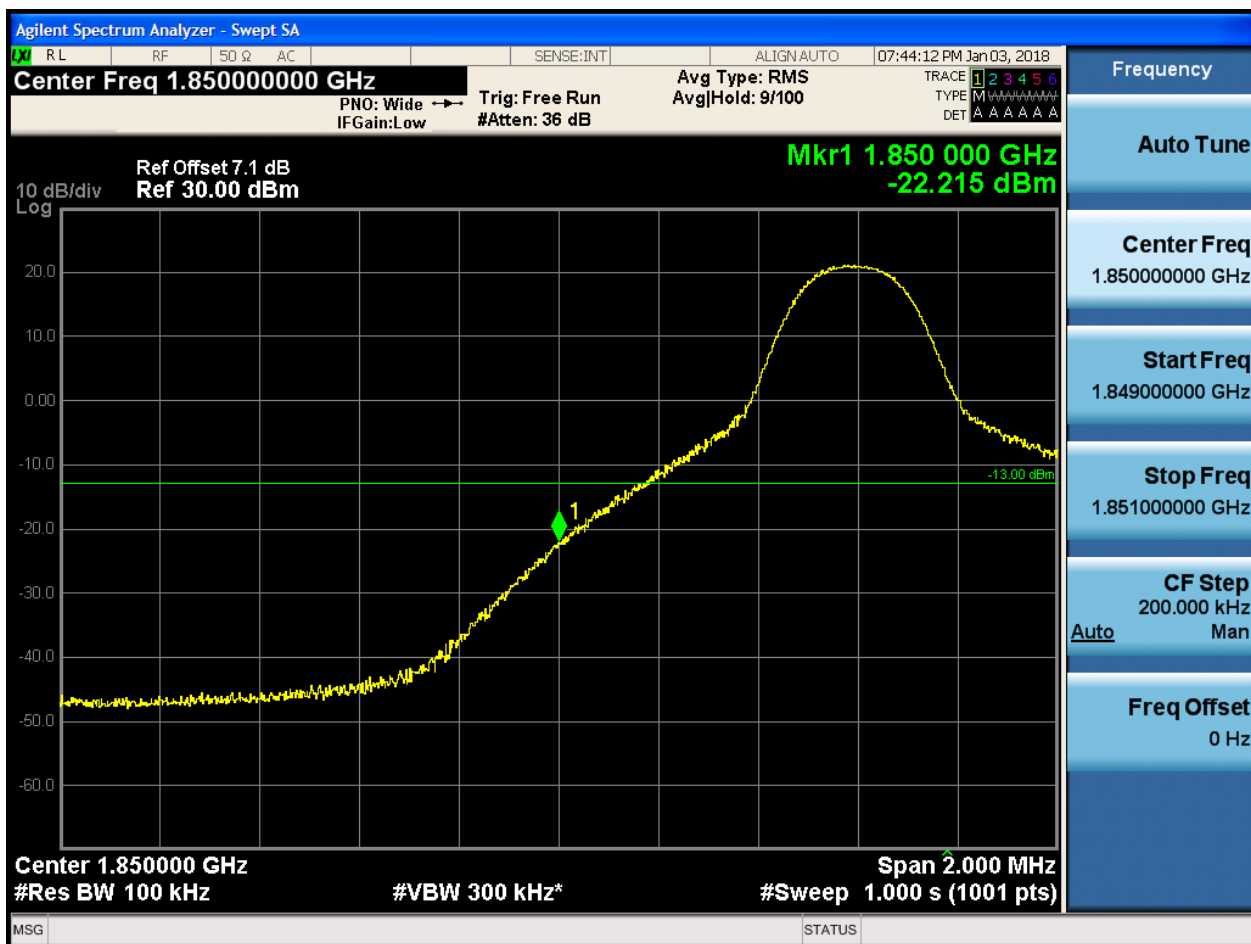
Freq Offset
0 Hz



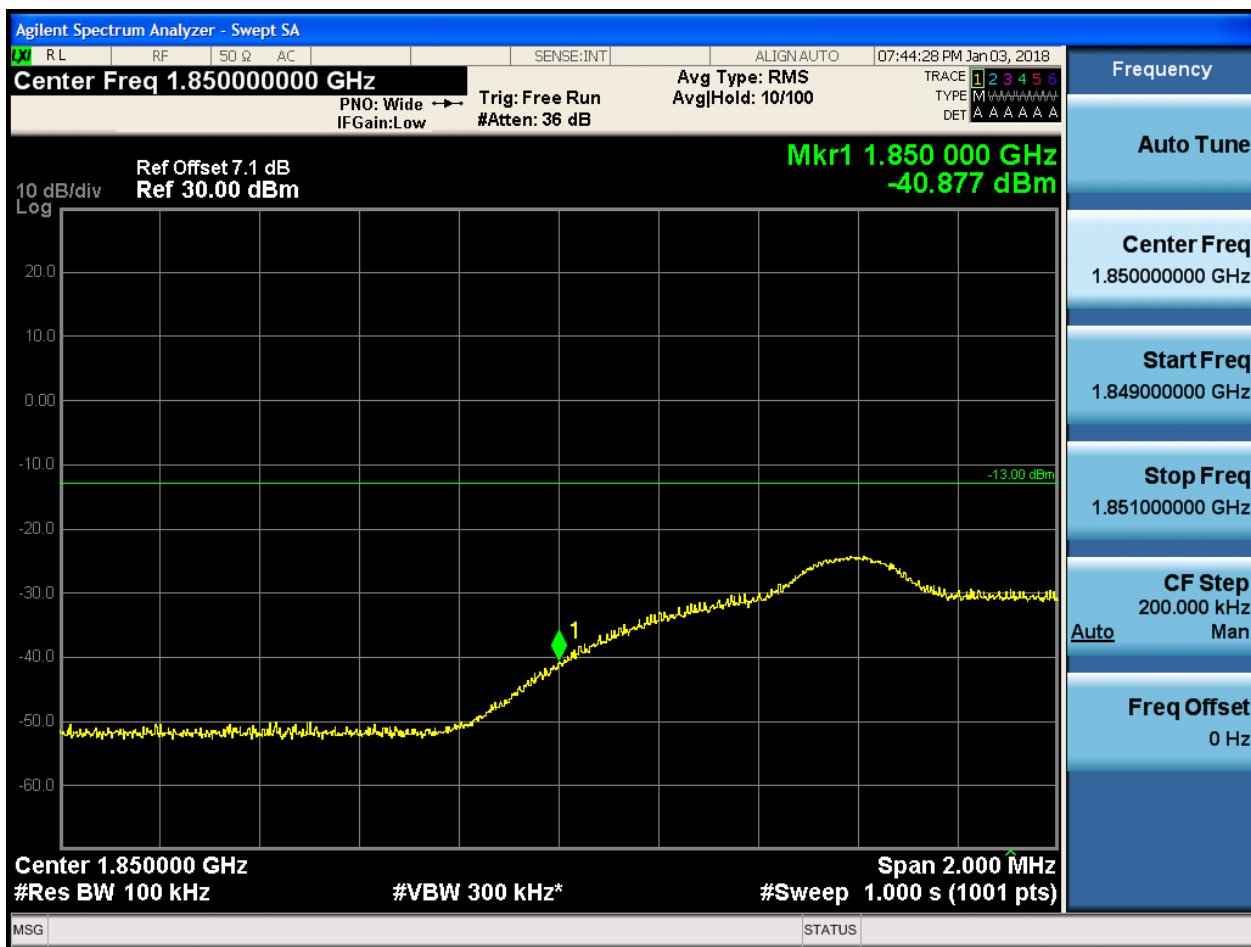
5.1.1.1.4 Test Bandwidth = 10

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:44:44 PM Jan 03, 2018

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#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 1.849 990 GHz
-33.399 dBm

10 dB/div
Log

-13.00 dBm

Center 1.850000 GHz Span 2.000 MHz
#Res BW 100 kHz #VBW 300 kHz* #Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq 1.850000000 GHz
Start Freq 1.849000000 GHz
Stop Freq 1.851000000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:45:00 PM Jan 03, 2018

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#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 1.850 000 GHz
-32.757 dBm

10 dB/div
Log

Center 1.850000 GHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

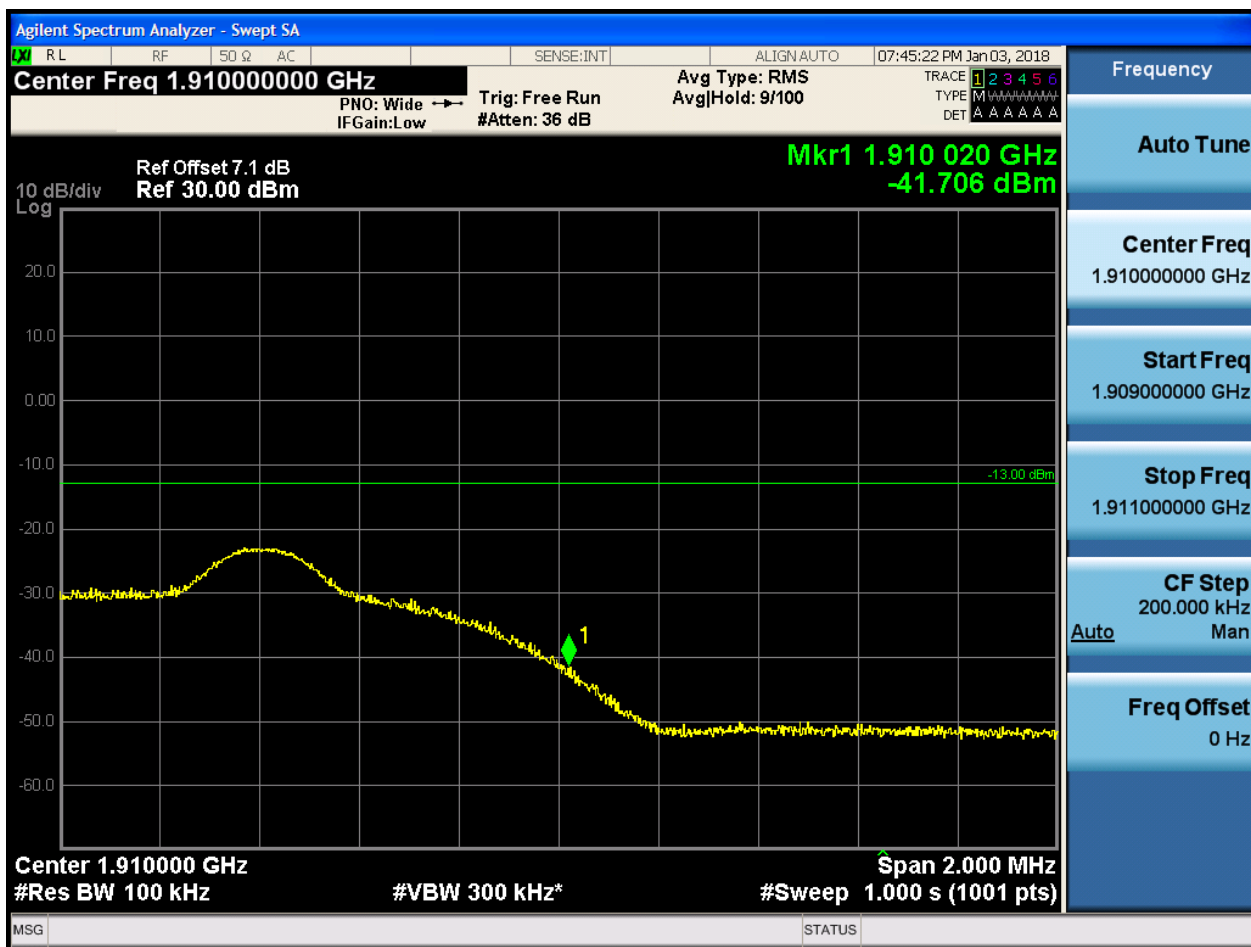
MSG STATUS

Frequency
Auto Tune
Center Freq
1.850000000 GHz
Start Freq
1.849000000 GHz
Stop Freq
1.851000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz



5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 010 GHz
-22.314 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

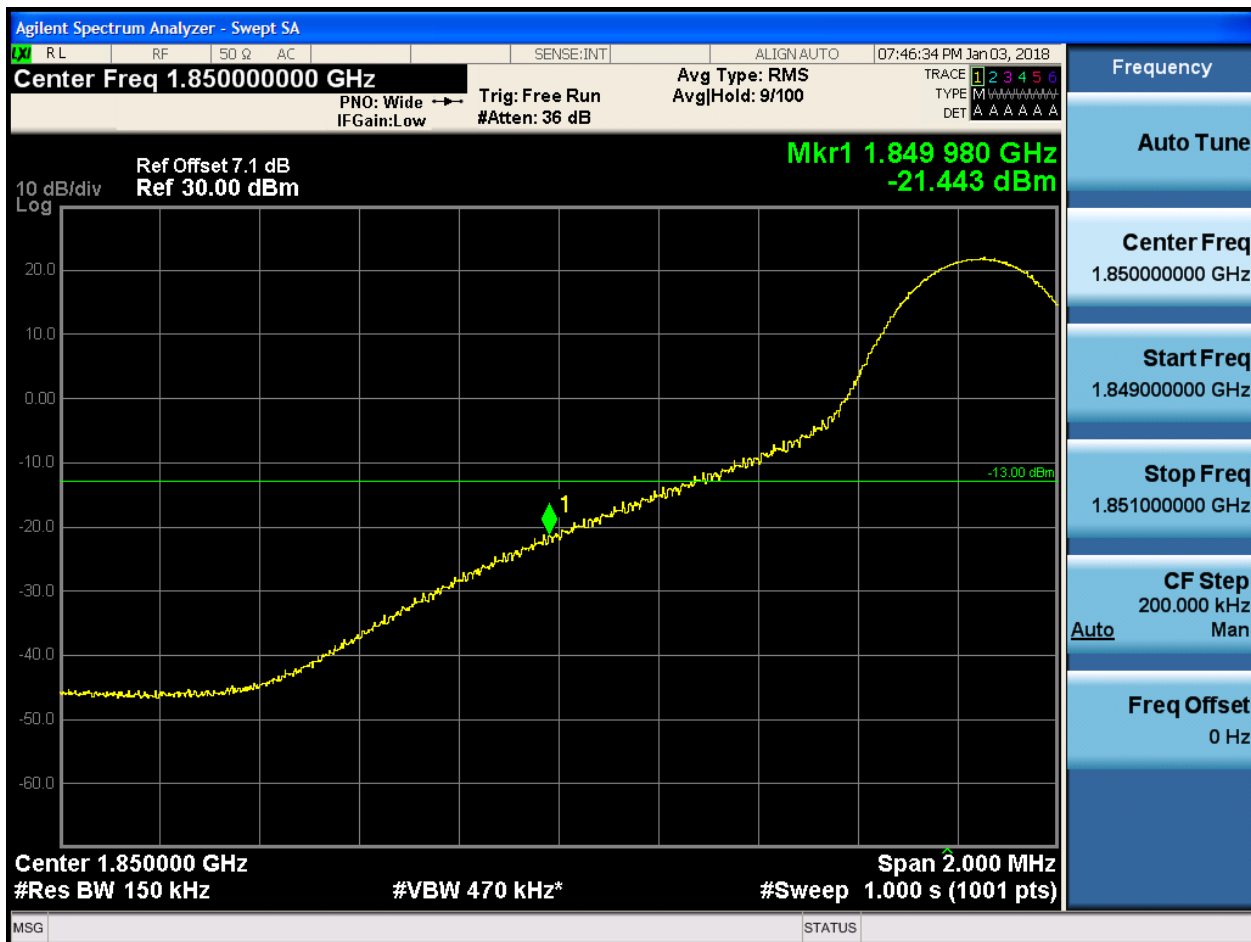




5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.850000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.849 990 GHz
-42.207 dBm

Center Freq 1.850000000 GHz

Start Freq 1.849000000 GHz

Stop Freq 1.851000000 GHz

CF Step 200.000 kHz
Auto

Freq Offset 0 Hz

Center 1.850000 GHz
#Res BW 150 kHz
#VBW 470 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:47:06 PM Jan 03, 2018

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.849 990 GHz
-33.724 dBm

10 dB/div
Log

Center 1.850000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:47:22 PM Jan 03, 2018

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#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 1.849 970 GHz
-31.382 dBm

10 dB/div
Log

20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

-13.00 dBm

Center 1.850000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency
Auto Tune
Center Freq
1.850000000 GHz
Start Freq
1.849000000 GHz
Stop Freq
1.851000000 GHz
CF Step
200.000 kHz
Man
Auto
Freq Offset
0 Hz
MSG STATUS



5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:48:00 PM Jan 03, 2018

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#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 1.910 010 GHz
-21.481 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 07:48:16 PM Jan 03, 2018

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#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 1.910 010 GHz
-32.407 dBm

10 dB/div
Log

20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

-13.00 dBm

1

Center 1.910000 GHz
#Res BW 150 kHz

#VBW 470 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq
1.910000000 GHz
Start Freq
1.909000000 GHz
Stop Freq
1.911000000 GHz
CF Step
200.000 kHz
Auto Man
Freq Offset
0 Hz