



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	23.27	22.67	33	PASS
				RB1#3	23.14	22.54	33	PASS
				RB1#5	23.11	22.51	33	PASS
				RB3#0	23.19	22.59	33	PASS
				RB3#2	23.12	22.52	33	PASS
				RB3#3	23.1	22.5	33	PASS
				RB6#0	22.05	21.45	33	PASS
			MCH	RB1#0	23.27	22.67	33	PASS
				RB1#3	23.35	22.75	33	PASS
				RB1#5	23.19	22.59	33	PASS
				RB3#0	23.29	22.69	33	PASS
				RB3#2	23.29	22.69	33	PASS
				RB3#3	23.21	22.61	33	PASS
				RB6#0	22.15	21.55	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.98	22.38	33	PASS
				RB1#3	22.99	22.39	33	PASS
				RB1#5	22.79	22.19	33	PASS
				RB3#0	22.88	22.28	33	PASS
				RB3#2	22.85	22.25	33	PASS
				RB3#3	22.8	22.2	33	PASS
				RB6#0	21.82	21.22	33	PASS
		3	LCH	RB1#0	23	22.4	33	PASS
				RB1#7	23.21	22.61	33	PASS
				RB1#14	22.84	22.24	33	PASS
				RB8#0	21.99	21.39	33	PASS
				RB8#4	22.02	21.42	33	PASS
				RB8#7	21.94	21.34	33	PASS
				RB15#0	21.96	21.36	33	PASS
			MCH	RB1#0	23.05	22.45	33	PASS
				RB1#7	23.31	22.71	33	PASS
				RB1#14	23.1	22.5	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.18	21.58	33	PASS
				RB8#4	22.2	21.6	33	PASS
				RB8#7	22.13	21.53	33	PASS
				RB15#0	22.16	21.56	33	PASS
			HCH	RB1#0	22.99	22.39	33	PASS
				RB1#7	23.05	22.45	33	PASS
				RB1#14	22.63	22.03	33	PASS
				RB8#0	21.97	21.37	33	PASS
				RB8#4	21.92	21.32	33	PASS
				RB8#7	21.81	21.21	33	PASS
				RB15#0	21.86	21.26	33	PASS
		5	LCH	RB1#0	23.01	22.41	33	PASS
				RB1#13	23.1	22.5	33	PASS
				RB1#24	22.62	22.02	33	PASS
				RB12#0	22.08	21.48	33	PASS
				RB12#6	22.12	21.52	33	PASS
				RB12#13	21.76	21.16	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.94	21.34	33	PASS
			MCH	RB1#0	22.95	22.35	33	PASS
				RB1#13	23.32	22.72	33	PASS
				RB1#24	22.98	22.38	33	PASS
				RB12#0	22.14	21.54	33	PASS
				RB12#6	22.25	21.65	33	PASS
				RB12#13	22.09	21.49	33	PASS
				RB25#0	22.13	21.53	33	PASS
			HCH	RB1#0	22.6	22	33	PASS
				RB1#13	23.12	22.52	33	PASS
				RB1#24	22.47	21.87	33	PASS
				RB12#0	21.94	21.34	33	PASS
				RB12#6	22.12	21.52	33	PASS
				RB12#13	21.84	21.24	33	PASS
				RB25#0	21.91	21.31	33	PASS
		10	LCH	RB1#0	23.33	22.73	33	PASS
				RB1#25	22.97	22.37	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.71	22.11	33	PASS
				RB25#0	21.8	21.2	33	PASS
				RB25#13	21.62	21.02	33	PASS
				RB25#25	21.42	20.82	33	PASS
				RB50#0	21.71	21.11	33	PASS
			MCH	RB1#0	23.38	22.78	33	PASS
				RB1#25	23.37	22.77	33	PASS
				RB1#49	23.47	22.87	33	PASS
				RB25#0	21.93	21.33	33	PASS
				RB25#13	22.16	21.56	33	PASS
				RB25#25	22.09	21.49	33	PASS
				RB50#0	22.09	21.49	33	PASS
			HCH	RB1#0	23.25	22.65	33	PASS
				RB1#25	22.93	22.33	33	PASS
				RB1#49	23.14	22.54	33	PASS
				RB25#0	21.8	21.2	33	PASS
				RB25#13	21.85	21.25	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.77	21.17	33	PASS
				RB50#0	21.77	21.17	33	PASS
		15	LCH	RB1#0	22.64	22.04	33	PASS
				RB1#38	22.66	22.06	33	PASS
				RB1#74	21.62	21.02	33	PASS
				RB38#0	21.99	21.39	33	PASS
				RB38#19	21.56	20.96	33	PASS
				RB38#39	21	20.4	33	PASS
				RB75#0	21.48	20.88	33	PASS
			MCH	RB1#0	22.42	21.82	33	PASS
				RB1#38	23.39	22.79	33	PASS
				RB1#74	22.59	21.99	33	PASS
				RB38#0	22	21.4	33	PASS
				RB38#19	22.18	21.58	33	PASS
				RB38#39	21.98	21.38	33	PASS
				RB75#0	22.04	21.44	33	PASS
			HCH	RB1#0	22.11	21.51	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.82	22.22	33	PASS
				RB1#74	22.32	21.72	33	PASS
				RB38#0	21.22	20.62	33	PASS
				RB38#19	21.74	21.14	33	PASS
				RB38#39	21.62	21.02	33	PASS
				RB75#0	21.67	21.07	33	PASS
		20	LCH	RB1#0	23.17	22.57	33	PASS
				RB1#50	22.63	22.03	33	PASS
				RB1#99	23.39	22.79	33	PASS
				RB50#0	21.66	21.06	33	PASS
				RB50#25	21.04	20.44	33	PASS
				RB50#50	20.88	20.28	33	PASS
				RB100#0	21.32	20.72	33	PASS
			MCH	RB1#0	22.71	22.11	33	PASS
				RB1#50	23.35	22.75	33	PASS
				RB1#99	23.87	23.27	33	PASS
				RB50#0	21.67	21.07	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.11	21.51	33	PASS
				RB50#50	21.82	21.22	33	PASS
				RB100#0	21.69	21.09	33	PASS
			HCH	RB1#0	22.93	22.33	33	PASS
				RB1#50	22.62	22.02	33	PASS
				RB1#99	23.44	22.84	33	PASS
				RB50#0	21.5	20.9	33	PASS
				RB50#25	21.7	21.1	33	PASS
				RB50#50	21.56	20.96	33	PASS
				RB100#0	21.51	20.91	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.18	21.58	33	PASS
				RB1#3	22.01	21.41	33	PASS
				RB1#5	22.12	21.52	33	PASS
				RB3#0	22.01	21.41	33	PASS
				RB3#2	21.98	21.38	33	PASS
				RB3#3	22	21.4	33	PASS
				RB6#0	21.99	21.39	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.23	21.63	33	PASS
				RB1#3	22.28	21.68	33	PASS
				RB1#5	22.08	21.48	33	PASS
				RB3#0	22.34	21.74	33	PASS
				RB3#2	22.34	21.74	33	PASS
				RB3#3	22.15	21.55	33	PASS
				RB6#0	22.15	21.55	33	PASS
			HCH	RB1#0	22.01	21.41	33	PASS
				RB1#3	22.01	21.41	33	PASS
				RB1#5	21.86	21.26	33	PASS
				RB3#0	21.8	21.2	33	PASS
				RB3#2	21.84	21.24	33	PASS
				RB3#3	22.02	21.42	33	PASS
				RB6#0	21.75	21.15	33	PASS
		3	LCH	RB1#0	21.77	21.17	33	PASS
				RB1#7	22.02	21.42	33	PASS
				RB1#14	21.65	21.05	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.97	21.37	33	PASS
				RB8#4	22	21.4	33	PASS
				RB8#7	21.87	21.27	33	PASS
				RB15#0	21.94	21.34	33	PASS
			MCH	RB1#0	22.13	21.53	33	PASS
				RB1#7	22.22	21.62	33	PASS
				RB1#14	21.98	21.38	33	PASS
				RB8#0	22.23	21.63	33	PASS
				RB8#4	22.18	21.58	33	PASS
				RB8#7	22.16	21.56	33	PASS
				RB15#0	22.04	21.44	33	PASS
			HCH	RB1#0	22.03	21.43	33	PASS
				RB1#7	22.13	21.53	33	PASS
				RB1#14	21.68	21.08	33	PASS
				RB8#0	21.96	21.36	33	PASS
				RB8#4	21.93	21.33	33	PASS
				RB8#7	21.78	21.18	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5		RB15#0	21.9	21.3	33	PASS
				RB1#0	22.02	21.42	33	PASS
			LCH	RB1#13	22.23	21.63	33	PASS
				RB1#24	21.6	21	33	PASS
				RB12#0	22.02	21.42	33	PASS
				RB12#6	22.1	21.5	33	PASS
				RB12#13	21.74	21.14	33	PASS
				RB25#0	21.9	21.3	33	PASS
			MCH	RB1#0	21.85	21.25	33	PASS
				RB1#13	22.32	21.72	33	PASS
				RB1#24	22	21.4	33	PASS
				RB12#0	22.13	21.53	33	PASS
				RB12#6	22.23	21.63	33	PASS
				RB12#13	22.06	21.46	33	PASS
				RB25#0	22.04	21.44	33	PASS
			HCH	RB1#0	21.8	21.2	33	PASS
				RB1#13	22.24	21.64	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.65	21.05	33	PASS
				RB12#0	21.88	21.28	33	PASS
				RB12#6	22.05	21.45	33	PASS
				RB12#13	21.82	21.22	33	PASS
				RB25#0	21.85	21.25	33	PASS
		10	LCH	RB1#0	22.19	21.59	33	PASS
				RB1#25	22.09	21.49	33	PASS
				RB1#49	21.82	21.22	33	PASS
				RB25#0	21.76	21.16	33	PASS
				RB25#13	21.72	21.12	33	PASS
				RB25#25	21.42	20.82	33	PASS
				RB50#0	21.61	21.01	33	PASS
			MCH	RB1#0	22.47	21.87	33	PASS
				RB1#25	22.36	21.76	33	PASS
				RB1#49	22.45	21.85	33	PASS
				RB25#0	21.93	21.33	33	PASS
				RB25#13	22.14	21.54	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.08	21.48	33	PASS
				RB50#0	22.02	21.42	33	PASS
			HCH	RB1#0	22.35	21.75	33	PASS
				RB1#25	22.03	21.43	33	PASS
				RB1#49	22.15	21.55	33	PASS
				RB25#0	21.72	21.12	33	PASS
				RB25#13	21.81	21.21	33	PASS
				RB25#25	21.73	21.13	33	PASS
				RB50#0	21.7	21.1	33	PASS
		15	LCH	RB1#0	21.79	21.19	33	PASS
				RB1#38	21.7	21.1	33	PASS
				RB1#74	20.7	20.1	33	PASS
				RB38#0	21.95	21.35	33	PASS
				RB38#19	21.56	20.96	33	PASS
				RB38#39	20.94	20.34	33	PASS
				RB75#0	21.41	20.81	33	PASS
			MCH	RB1#0	21.42	20.82	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.36	21.76	33	PASS
				RB1#74	21.62	21.02	33	PASS
				RB38#0	21.99	21.39	33	PASS
				RB38#19	22.15	21.55	33	PASS
				RB38#39	21.96	21.36	33	PASS
				RB75#0	21.95	21.35	33	PASS
			HCH	RB1#0	21.3	20.7	33	PASS
				RB1#38	22.01	21.41	33	PASS
				RB1#74	21.47	20.87	33	PASS
				RB38#0	21.27	20.67	33	PASS
				RB38#19	21.71	21.11	33	PASS
				RB38#39	21.58	20.98	33	PASS
				RB75#0	21.63	21.03	33	PASS
		20	LCH	RB1#0	21.92	21.32	33	PASS
				RB1#50	21.94	21.34	33	PASS
				RB1#99	22.8	22.2	33	PASS
				RB50#0	21.67	21.07	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.04	20.44	33	PASS
				RB50#50	20.82	20.22	33	PASS
				RB100#0	21.23	20.63	33	PASS
			MCH	RB1#0	22.22	21.62	33	PASS
				RB1#50	22.48	21.88	33	PASS
				RB1#99	22.91	22.31	33	PASS
				RB50#0	21.64	21.04	33	PASS
				RB50#25	22.09	21.49	33	PASS
				RB50#50	21.77	21.17	33	PASS
				RB100#0	21.58	20.98	33	PASS
			HCH	RB1#0	22.28	21.68	33	PASS
				RB1#50	21.76	21.16	33	PASS
				RB1#99	22.88	22.28	33	PASS
				RB50#0	21.49	20.89	33	PASS
				RB50#25	21.69	21.09	33	PASS
				RB50#50	21.55	20.95	33	PASS
				RB100#0	21.48	20.88	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:

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

SET RBW=1%of the OBW,not to wxceed 1MHz

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

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	4.83	13	PASS
				RB1#3	4.69	13	PASS
				RB1#5	4.72	13	PASS
				RB3#0	5.15	13	PASS
				RB3#2	5.09	13	PASS
				RB3#3	5.15	13	PASS
				RB6#0	6.08	13	PASS
			MCH	RB1#0	4.99	13	PASS
				RB1#3	4.89	13	PASS
				RB1#5	4.96	13	PASS
				RB3#0	5.24	13	PASS
				RB3#2	5.23	13	PASS
				RB3#3	5.25	13	PASS
				RB6#0	5.74	13	PASS
			HCH	RB1#0	3.66	13	PASS
				RB1#3	3.59	13	PASS
				RB1#5	3.37	13	PASS
				RB3#0	4	13	PASS
				RB3#2	3.92	13	PASS
				RB3#3	3.9	13	PASS
				RB6#0	5.1	13	PASS
		3	LCH	RB1#0	4.77	13	PASS
				RB1#7	4.38	13	PASS
				RB1#14	4.56	13	PASS
				RB8#0	6.04	13	PASS
				RB8#4	5.77	13	PASS
				RB8#7	5.75	13	PASS
				RB15#0	5.92	13	PASS
			MCH	RB1#0	4.88	13	PASS
				RB1#7	4.66	13	PASS
				RB1#14	4.92	13	PASS
				RB8#0	5.9	13	PASS
				RB8#4	5.91	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.88	13	PASS
				RB15#0	6.28	13	PASS
			HCH	RB1#0	4.05	13	PASS
				RB1#7	3.57	13	PASS
				RB1#14	3.67	13	PASS
				RB8#0	5.28	13	PASS
				RB8#4	5.01	13	PASS
				RB8#7	4.99	13	PASS
				RB15#0	5.45	13	PASS
		5	LCH	RB1#0	4.91	13	PASS
				RB1#13	4.31	13	PASS
				RB1#24	4.39	13	PASS
				RB12#0	5.9	13	PASS
				RB12#6	5.74	13	PASS
				RB12#13	5.87	13	PASS
				RB25#0	5.93	13	PASS
			MCH	RB1#0	5	13	PASS
				RB1#13	4.91	13	PASS
				RB1#24	5.05	13	PASS
				RB12#0	5.83	13	PASS
				RB12#6	5.8	13	PASS
				RB12#13	5.88	13	PASS
				RB25#0	5.93	13	PASS
			HCH	RB1#0	4.64	13	PASS
				RB1#13	3.9	13	PASS
				RB1#24	3.69	13	PASS
				RB12#0	5.53	13	PASS
				RB12#6	5.22	13	PASS
				RB12#13	5.21	13	PASS
				RB25#0	5.74	13	PASS
		10	LCH	RB1#0	4.25	13	PASS
				RB1#25	4.07	13	PASS
				RB1#49	3.91	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	5.61	13	PASS
				RB25#25	5.61	13	PASS
				RB50#0	5.95	13	PASS
			MCH	RB1#0	4.44	13	PASS
				RB1#25	4.76	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.76	13	PASS
				RB25#0	6.15	13	PASS
				RB25#13	6.07	13	PASS
				RB25#25	6.18	13	PASS
				RB50#0	6.26	13	PASS
			HCH	RB1#0	4.25	13	PASS
				RB1#25	4.43	13	PASS
				RB1#49	3.59	13	PASS
				RB25#0	5.78	13	PASS
				RB25#13	5.74	13	PASS
				RB25#25	5.59	13	PASS
				RB50#0	6	13	PASS
		15	LCH	RB1#0	5.11	13	PASS
				RB1#38	4.01	13	PASS
				RB1#74	4.69	13	PASS
				RB38#0	5.71	13	PASS
				RB38#19	5.38	13	PASS
				RB38#39	5.79	13	PASS
				RB75#0	5.91	13	PASS
			MCH	RB1#0	5.15	13	PASS
				RB1#38	4.95	13	PASS
				RB1#74	5.33	13	PASS
				RB38#0	6.2	13	PASS
				RB38#19	6.14	13	PASS
				RB38#39	6.27	13	PASS
				RB75#0	6.44	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#38	4.63	13	PASS
				RB1#74	4.26	13	PASS
				RB38#0	6.01	13	PASS
				RB38#19	5.79	13	PASS
				RB38#39	5.75	13	PASS
				RB75#0	6.28	13	PASS
		20	LCH	RB1#0	4.89	13	PASS
				RB1#50	3.93	13	PASS
				RB1#99	3.98	13	PASS
				RB50#0	5.78	13	PASS
				RB50#25	5.68	13	PASS
				RB50#50	5.83	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	5.89	13	PASS
			MCH	RB1#0	4.85	13	PASS
				RB1#50	4.93	13	PASS
				RB1#99	4.27	13	PASS
				RB50#0	6.18	13	PASS
				RB50#25	6.04	13	PASS
				RB50#50	6.39	13	PASS
				RB100#0	6.44	13	PASS
			HCH	RB1#0	4.87	13	PASS
				RB1#50	4.53	13	PASS
				RB1#99	3.39	13	PASS
				RB50#0	6.01	13	PASS
				RB50#25	5.92	13	PASS
				RB50#50	6.02	13	PASS
				RB100#0	6.09	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.64	13	PASS
				RB1#3	5.56	13	PASS
				RB1#5	5.56	13	PASS
				RB3#0	5.98	13	PASS
				RB3#2	5.89	13	PASS
				RB3#3	6	13	PASS
				RB6#0	6.38	13	PASS
			MCH	RB1#0	5.99	13	PASS
				RB1#3	5.6	13	PASS
				RB1#5	6	13	PASS
				RB3#0	6.23	13	PASS
				RB3#2	6.33	13	PASS
				RB3#3	6.31	13	PASS
				RB6#0	6.23	13	PASS
			HCH	RB1#0	4.63	13	PASS
				RB1#3	4.08	13	PASS
				RB1#5	4.28	13	PASS
				RB3#0	4.95	13	PASS
				RB3#2	4.97	13	PASS
				RB3#3	5.01	13	PASS
				RB6#0	5.5	13	PASS
		3	LCH	RB1#0	5.75	13	PASS
				RB1#7	5.36	13	PASS
				RB1#14	5.54	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.03	13	PASS
				RB8#4	5.99	13	PASS
				RB8#7	6.13	13	PASS
				RB15#0	6.36	13	PASS
			MCH	RB1#0	5.85	13	PASS
				RB1#7	5.57	13	PASS
				RB1#14	5.89	13	PASS
				RB8#0	6.26	13	PASS
				RB8#4	6.41	13	PASS
				RB8#7	6.54	13	PASS
				RB15#0	6.69	13	PASS
			HCH	RB1#0	5.18	13	PASS
				RB1#7	4.57	13	PASS
				RB1#14	4.53	13	PASS
				RB8#0	5.41	13	PASS
				RB8#4	5.29	13	PASS
				RB8#7	5.27	13	PASS
				RB15#0	5.93	13	PASS
		5	LCH	RB1#0	5.89	13	PASS
				RB1#13	5.35	13	PASS
				RB1#24	5.43	13	PASS
				RB12#0	6.12	13	PASS
				RB12#6	5.82	13	PASS
				RB12#13	6.11	13	PASS
				RB25#0	6.37	13	PASS
			MCH	RB1#0	5.77	13	PASS
				RB1#13	5.66	13	PASS
				RB1#24	5.76	13	PASS
				RB12#0	6.23	13	PASS
				RB12#6	6.16	13	PASS
				RB12#13	6.31	13	PASS
				RB25#0	6.63	13	PASS
			HCH	RB1#0	5.42	13	PASS
				RB1#13	4.75	13	PASS
				RB1#24	4.52	13	PASS
				RB12#0	5.76	13	PASS
				RB12#6	5.36	13	PASS
				RB12#13	5.34	13	PASS
				RB25#0	6.17	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.07	13	PASS
				RB1#25	4.95	13	PASS
				RB1#49	4.69	13	PASS
				RB25#0	6.12	13	PASS
				RB25#13	5.78	13	PASS
				RB25#25	5.82	13	PASS
				RB50#0	6.36	13	PASS
			MCH	RB1#0	5.22	13	PASS
				RB1#25	5.67	13	PASS
				RB1#49	5.63	13	PASS
				RB25#0	6.44	13	PASS
				RB25#13	6.36	13	PASS
				RB25#25	6.48	13	PASS
				RB50#0	6.73	13	PASS
			HCH	RB1#0	5.08	13	PASS
				RB1#25	5.3	13	PASS
				RB1#49	4.41	13	PASS
				RB25#0	6.09	13	PASS
				RB25#13	5.95	13	PASS
				RB25#25	5.79	13	PASS
				RB50#0	6.58	13	PASS
		15	LCH	RB1#0	6.04	13	PASS
				RB1#38	4.91	13	PASS
				RB1#74	5.48	13	PASS
				RB38#0	5.87	13	PASS
				RB38#19	5.57	13	PASS
				RB38#39	6.02	13	PASS
				RB75#0	6.37	13	PASS
			MCH	RB1#0	5.88	13	PASS
				RB1#38	5.9	13	PASS
				RB1#74	6.11	13	PASS
				RB38#0	6.65	13	PASS
				RB38#19	6.58	13	PASS
				RB38#39	6.8	13	PASS
				RB75#0	7.02	13	PASS
			HCH	RB1#0	5.75	13	PASS
				RB1#38	5.36	13	PASS
				RB1#74	4.98	13	PASS
				RB38#0	6.33	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	6.07	13	PASS
				RB38#39	6.12	13	PASS
				RB75#0	6.7	13	PASS
		20	LCH	RB1#0	5.39	13	PASS
				RB1#50	4.59	13	PASS
				RB1#99	4.74	13	PASS
				RB50#0	5.88	13	PASS
				RB50#25	5.82	13	PASS
				RB50#50	6.09	13	PASS
				RB100#0	6.37	13	PASS
			MCH	RB1#0	5.33	13	PASS
				RB1#50	5.59	13	PASS
				RB1#99	4.91	13	PASS
				RB50#0	6.49	13	PASS
				RB50#25	6.47	13	PASS
				RB50#50	6.67	13	PASS
				RB100#0	6.96	13	PASS
			HCH	RB1#0	5.33	13	PASS
				RB1#50	5.2	13	PASS
				RB1#99	3.94	13	PASS
				RB50#0	6.25	13	PASS
				RB50#25	6.1	13	PASS
				RB50#50	6.21	13	PASS
				RB100#0	6.71	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

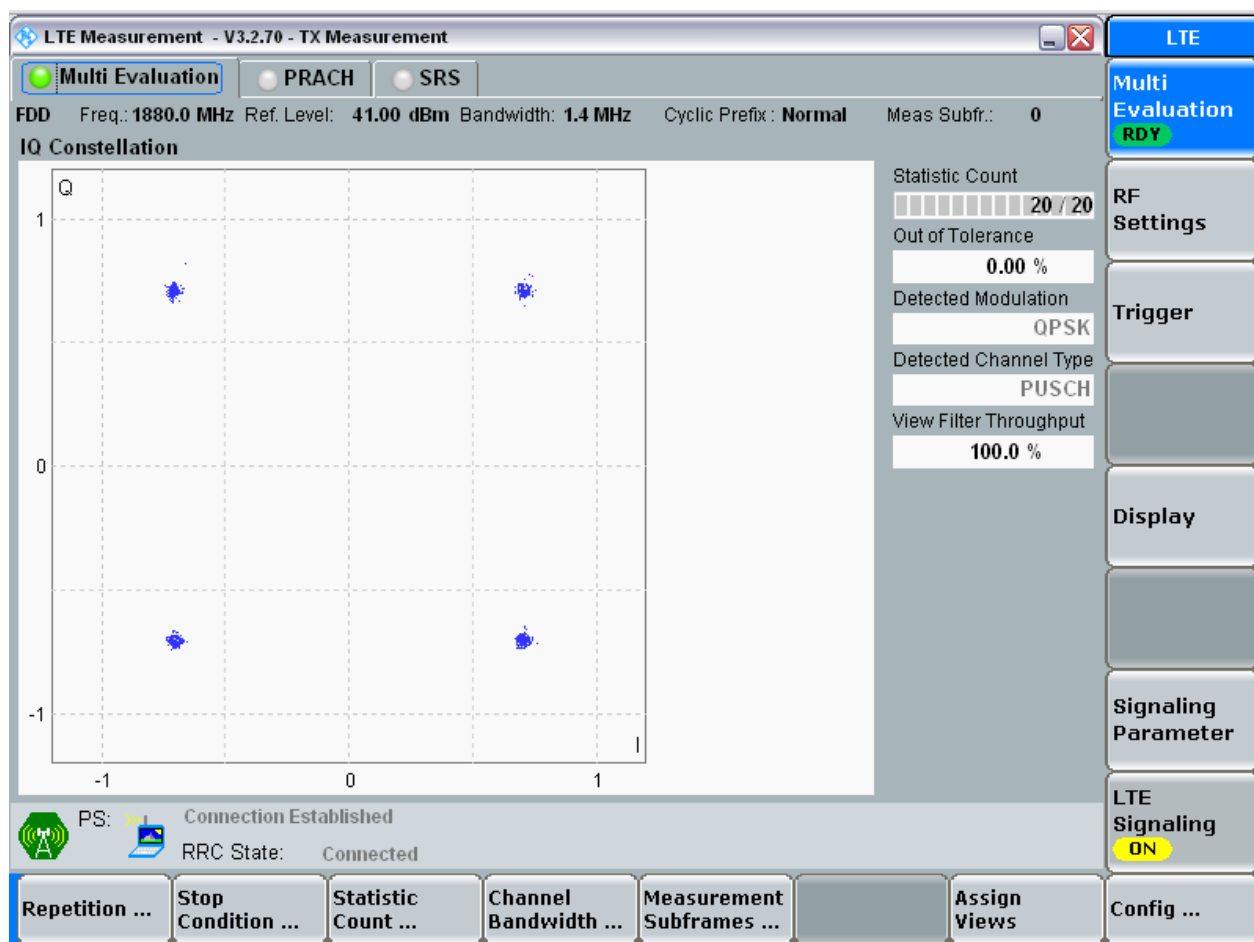
3.1.1 Test Band = BAND2

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

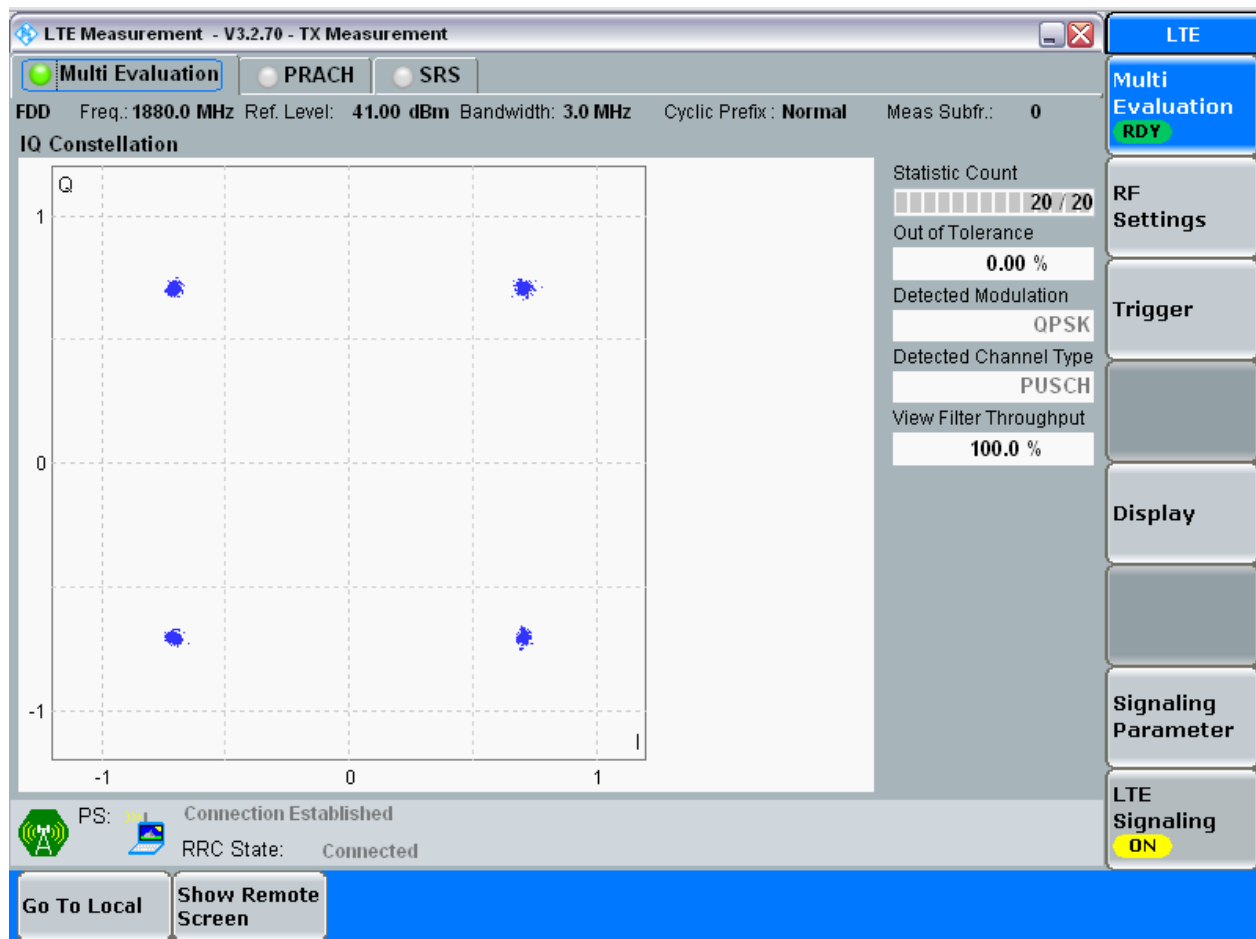
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

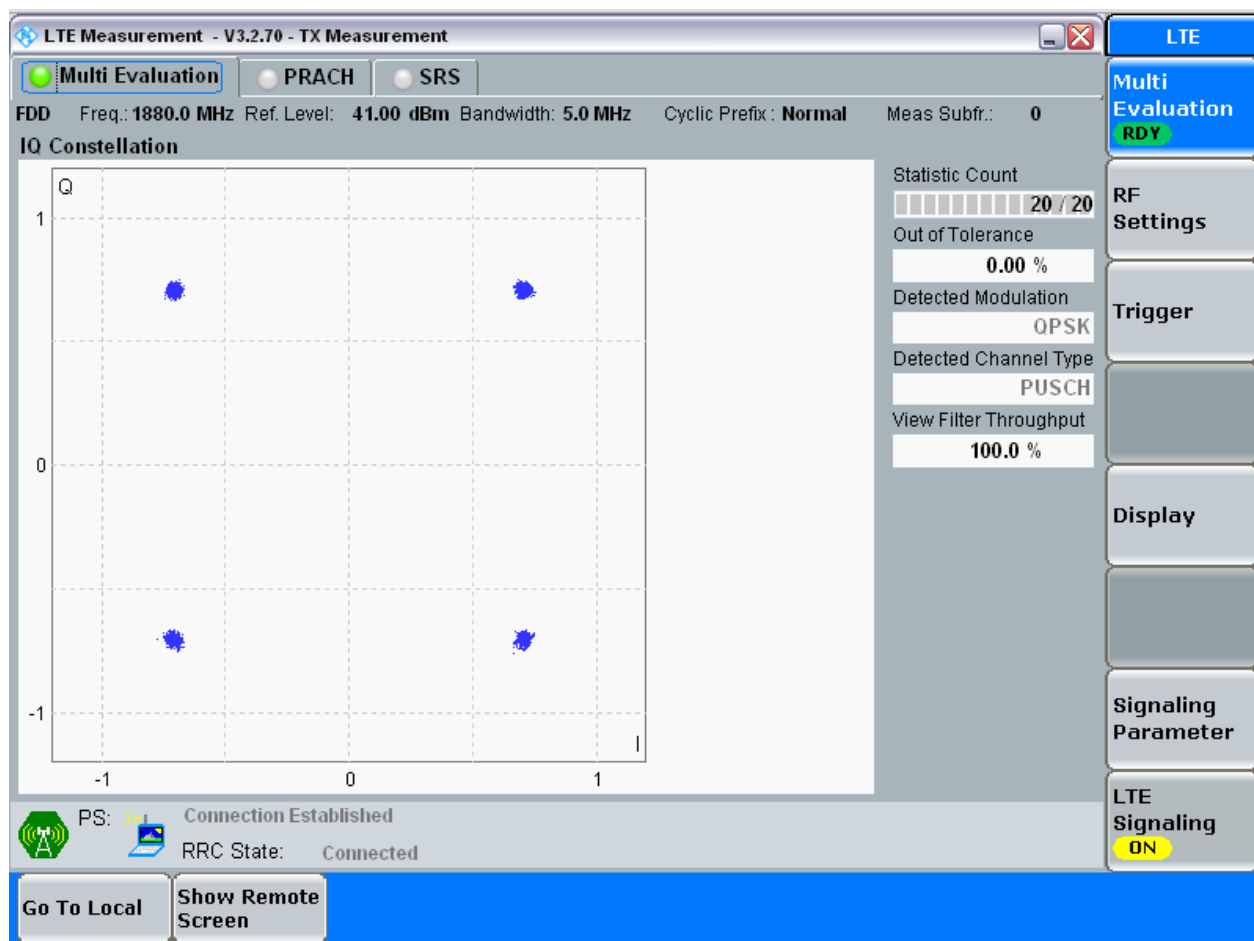
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

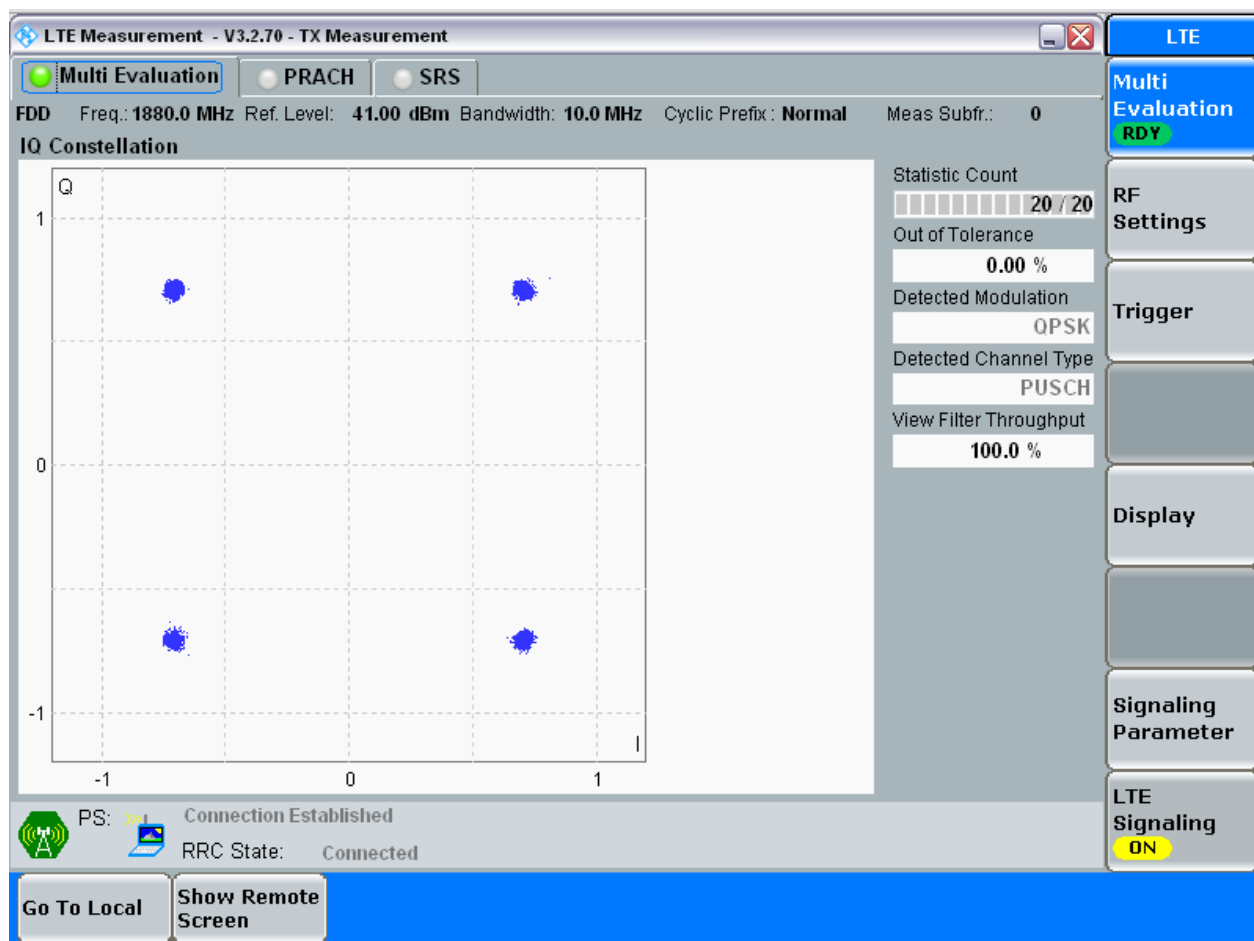
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

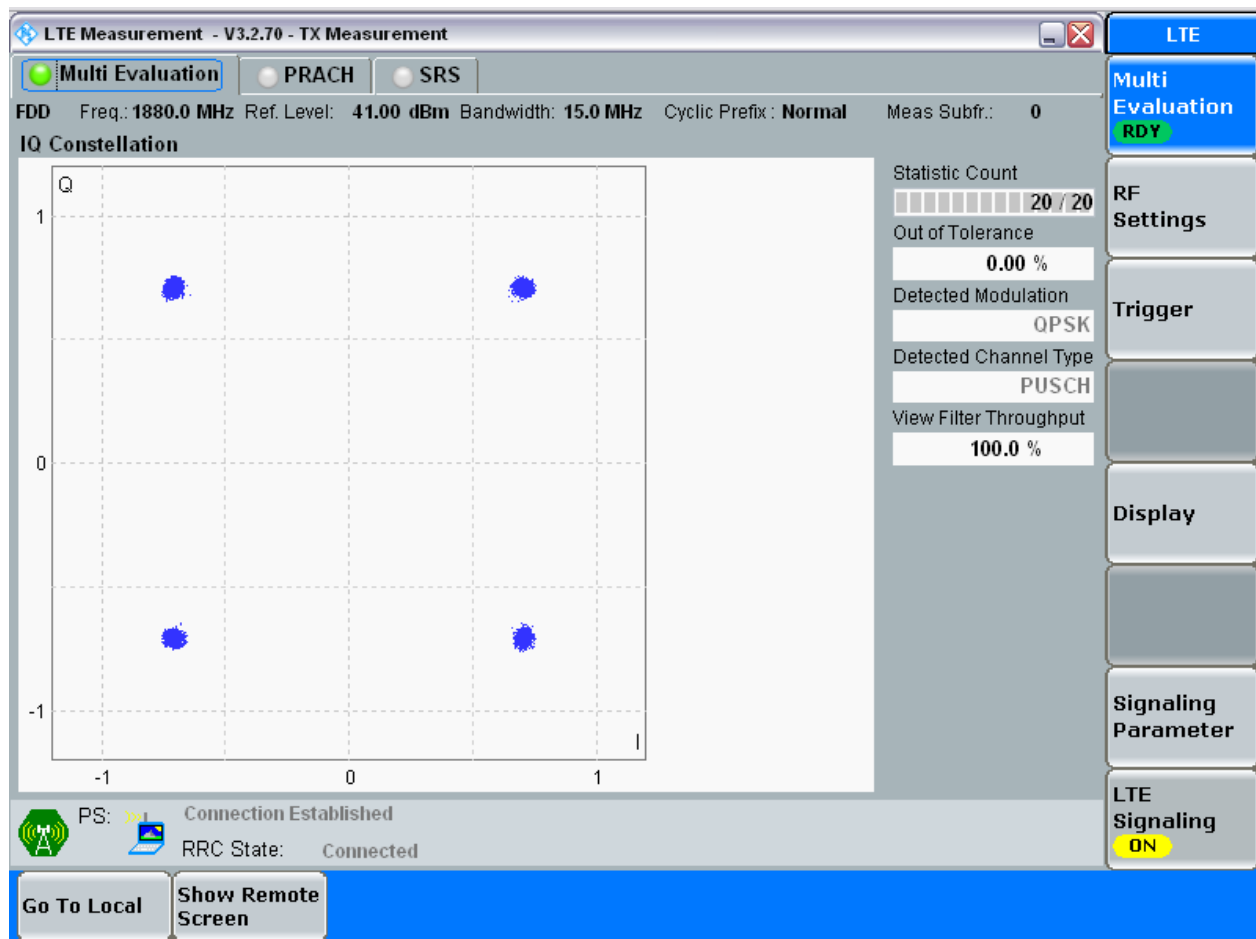
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

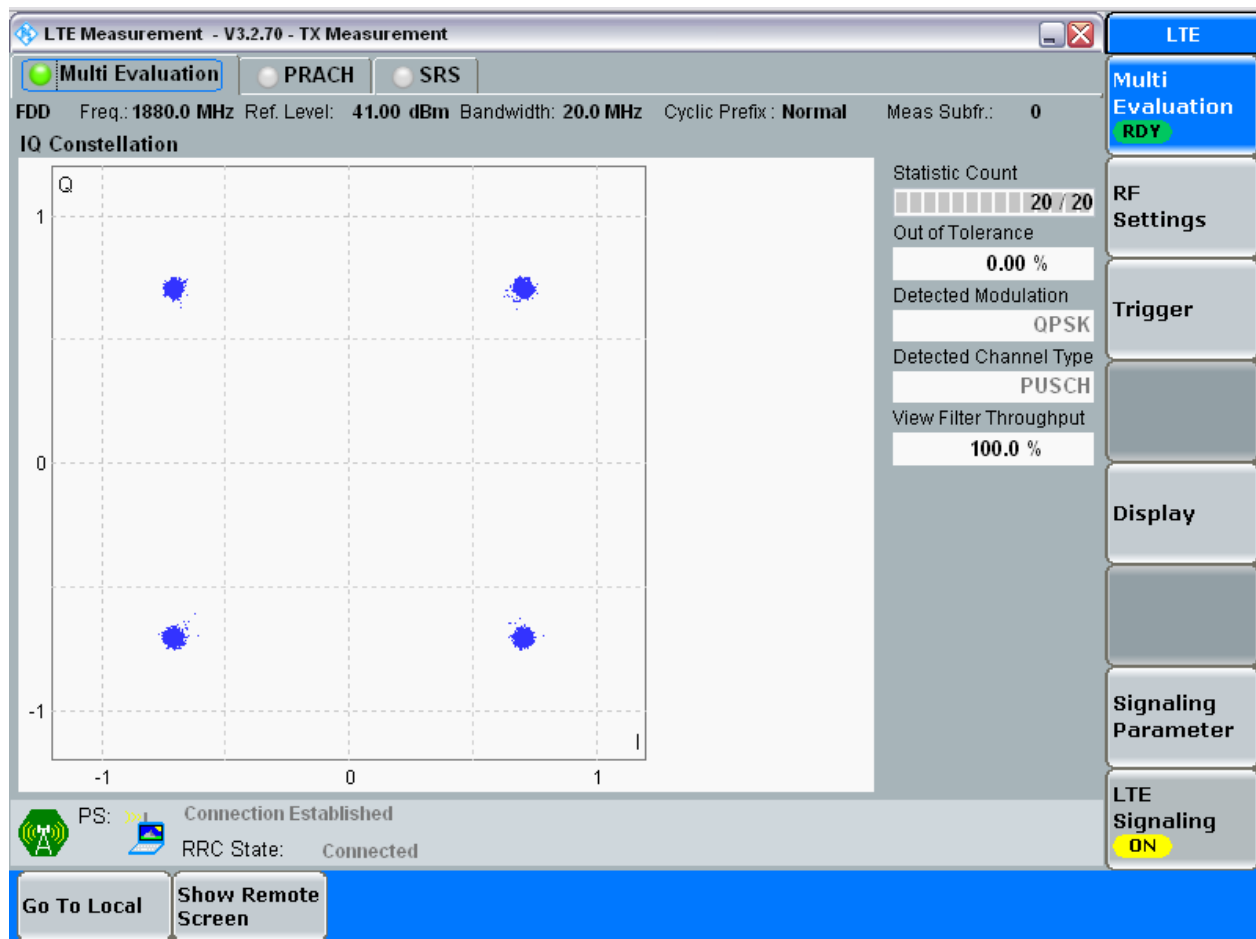
3.1.1.1.5.1.1 Test RB = RB75#0



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

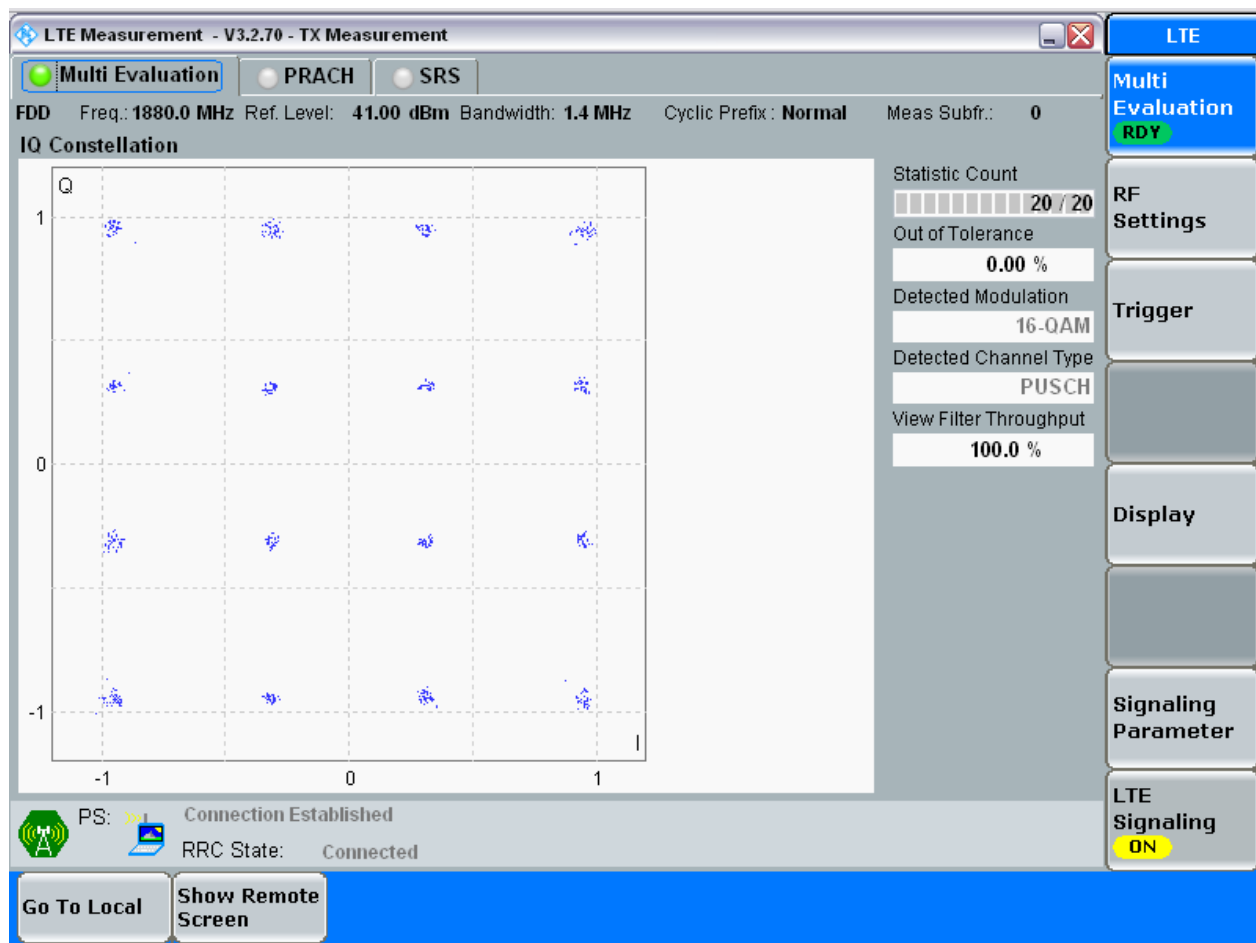


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

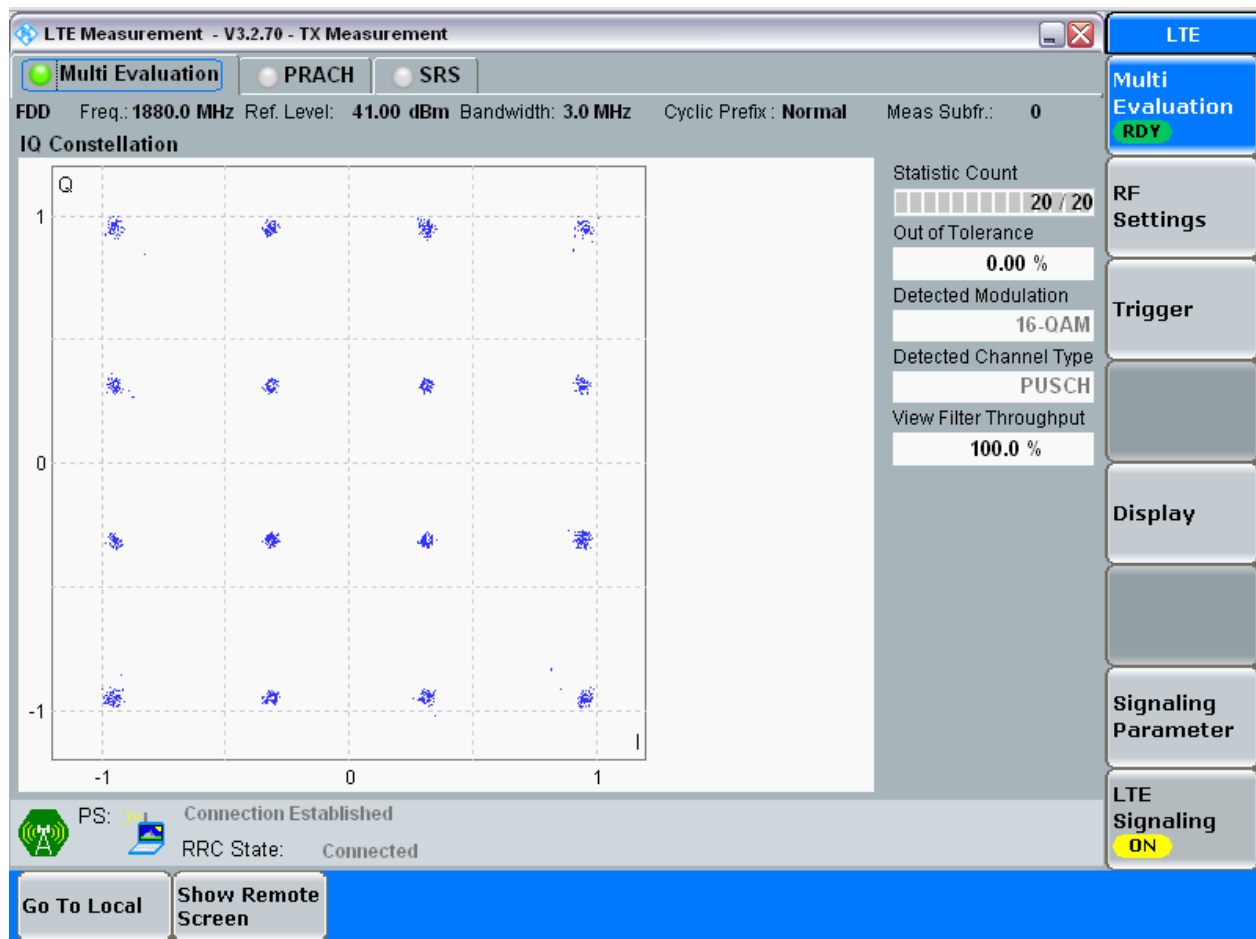
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

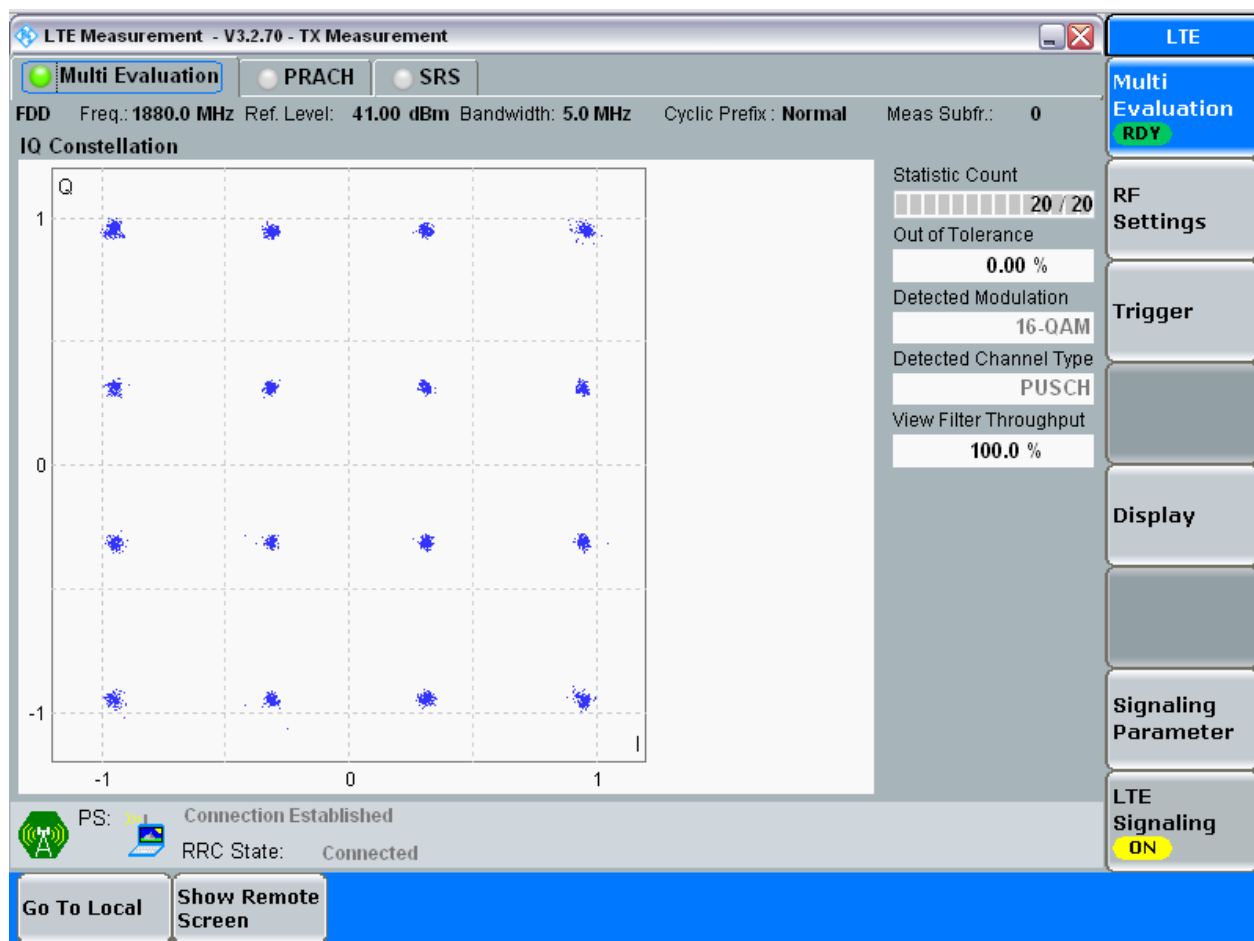
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

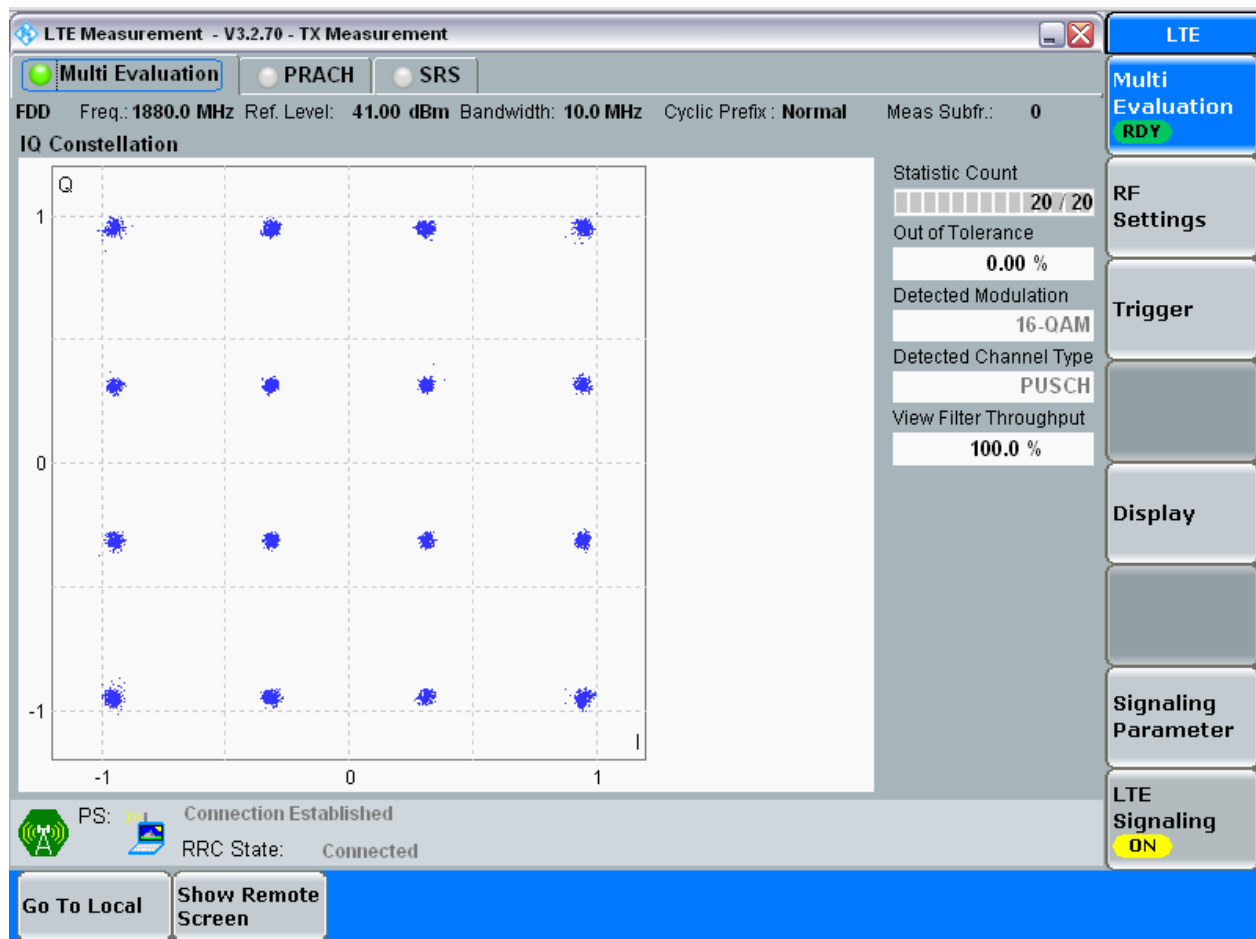
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

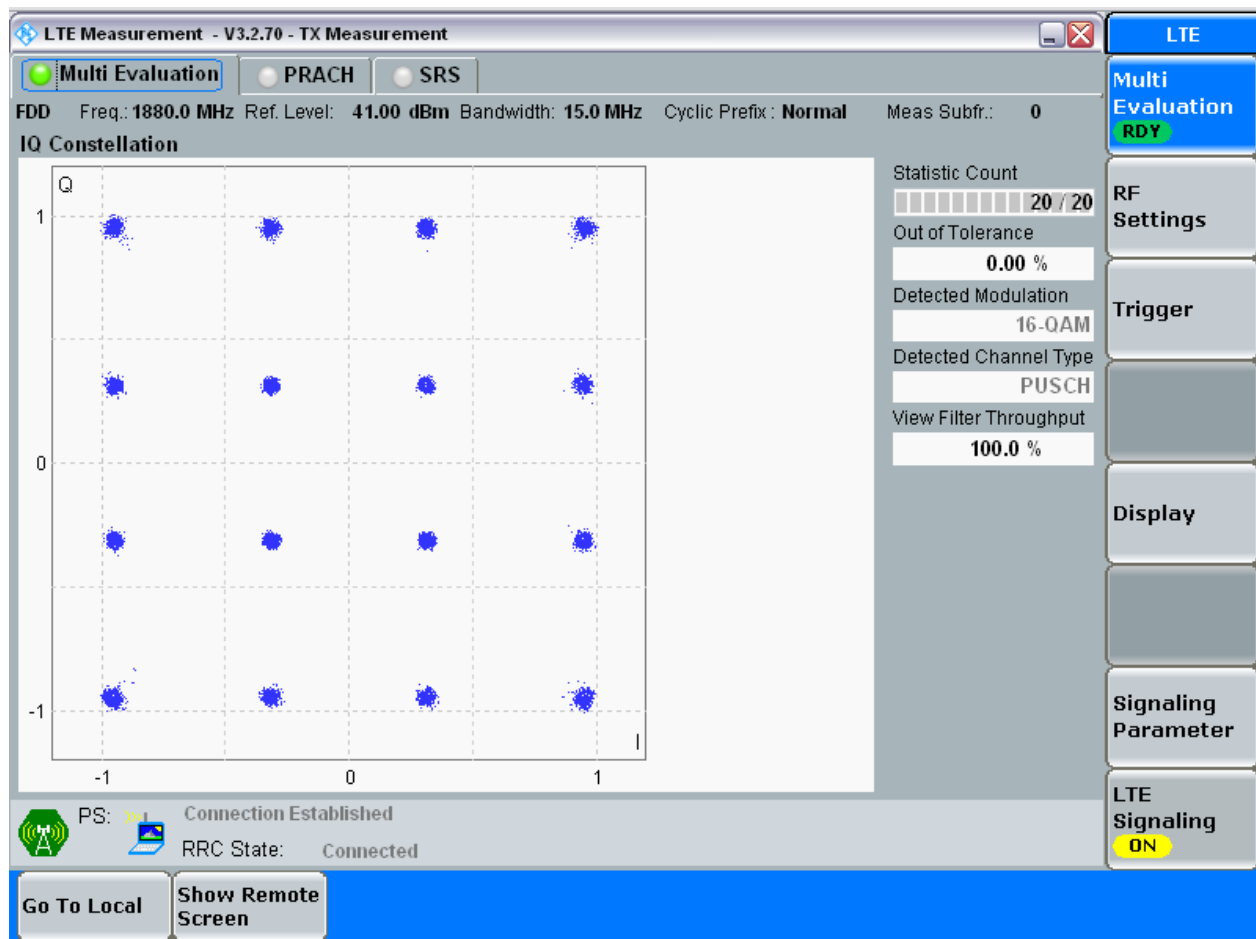
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

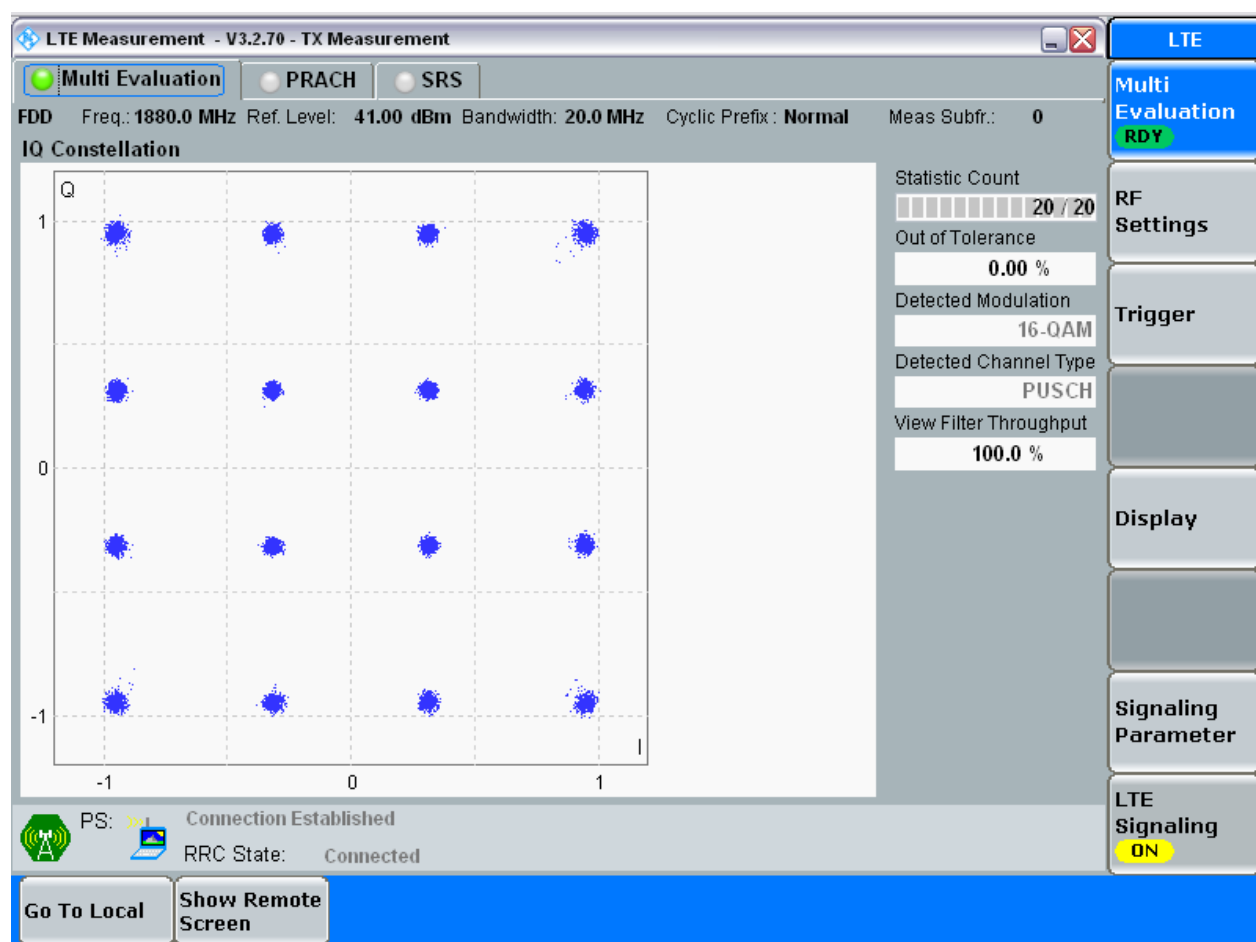
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.09	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	8.97	9.92	Pass
			MCH	RB50#0	9.00	9.95	Pass
			HCH	RB50#0	9.00	9.92	Pass
		15	LCH	RB75#0	13.45	14.93	Pass
			MCH	RB75#0	13.50	14.98	Pass
			HCH	RB75#0	13.50	15.05	Pass
		20	LCH	RB100#0	17.86	19.67	Pass
			MCH	RB100#0	18.03	19.89	Pass
			HCH	RB100#0	17.99	19.79	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.10	1.25	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	5.02	Pass
			MCH	RB25#0	4.51	4.95	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	9.00	9.91	Pass
			MCH	RB50#0	9.01	9.93	Pass
			HCH	RB50#0	9.03	9.96	Pass
		15	LCH	RB75#0	13.46	14.99	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB75#0	13.52	15.06	Pass
			HCH	RB75#0	13.52	15.03	Pass
		20	LCH	RB100#0	17.90	19.65	Pass
			MCH	RB100#0	18.05	19.86	Pass
			HCH	RB100#0	18.01	19.84	Pass

Part II - Test Plots

4.1 For LTE

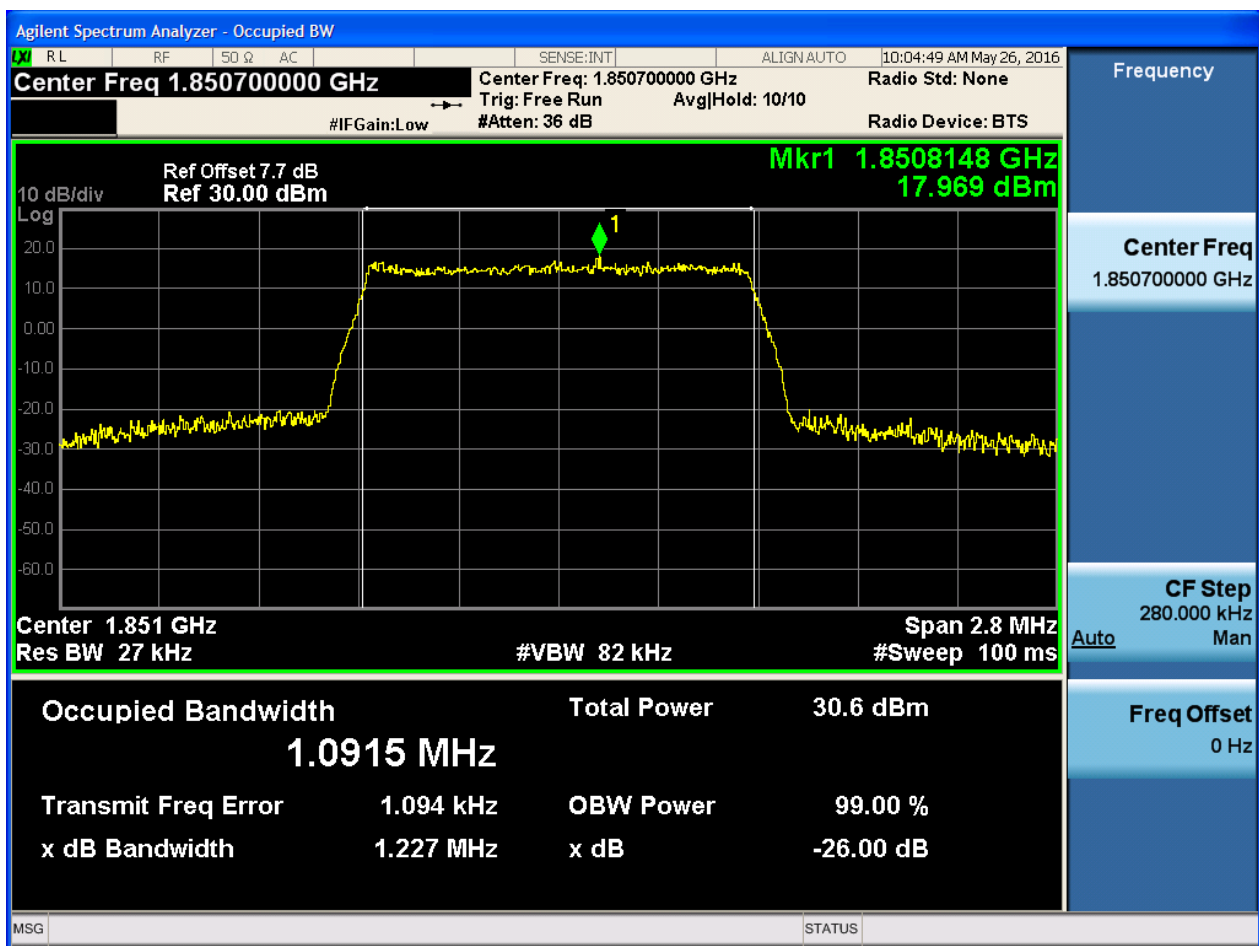
4.1.1 Test Band = BAND2

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

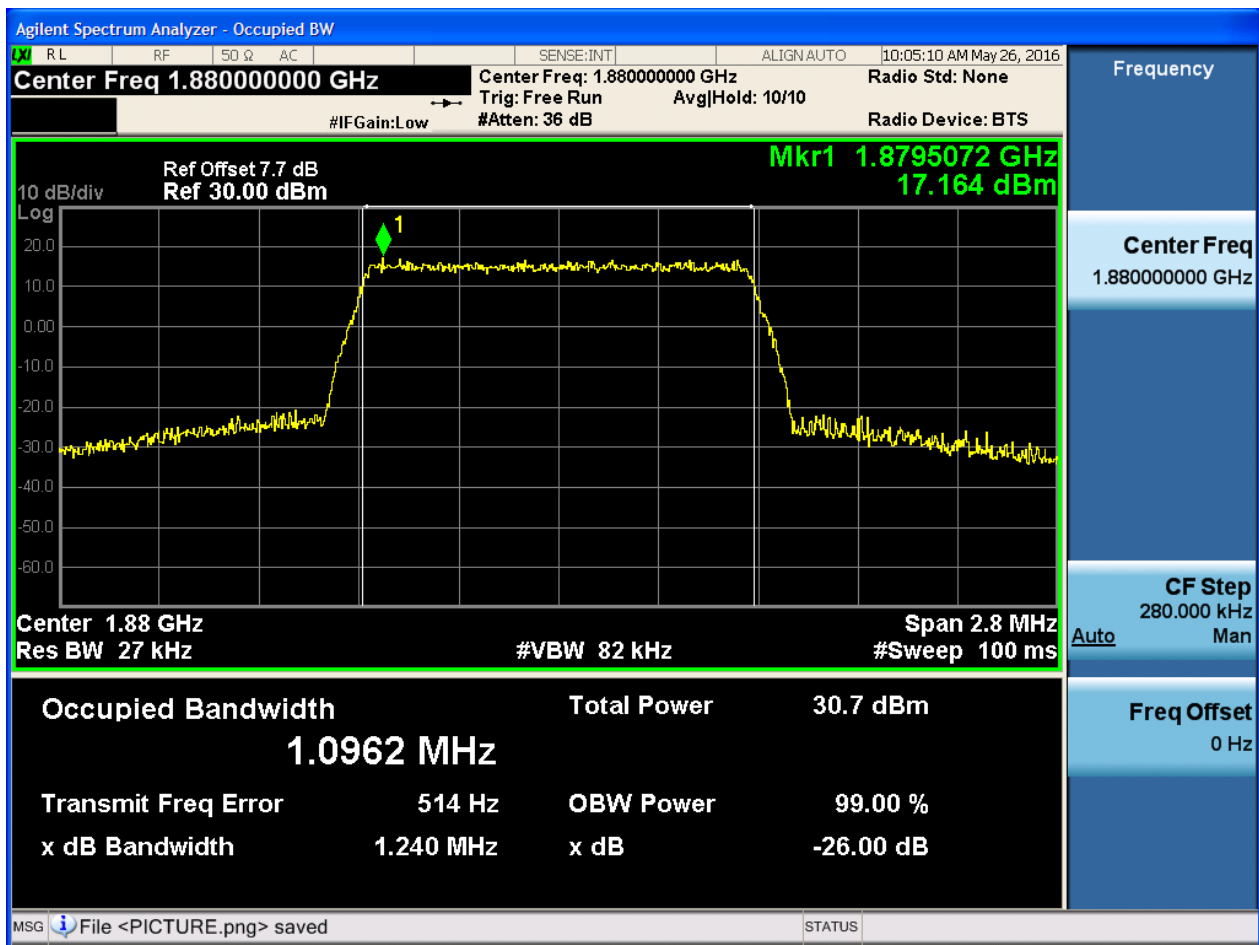
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

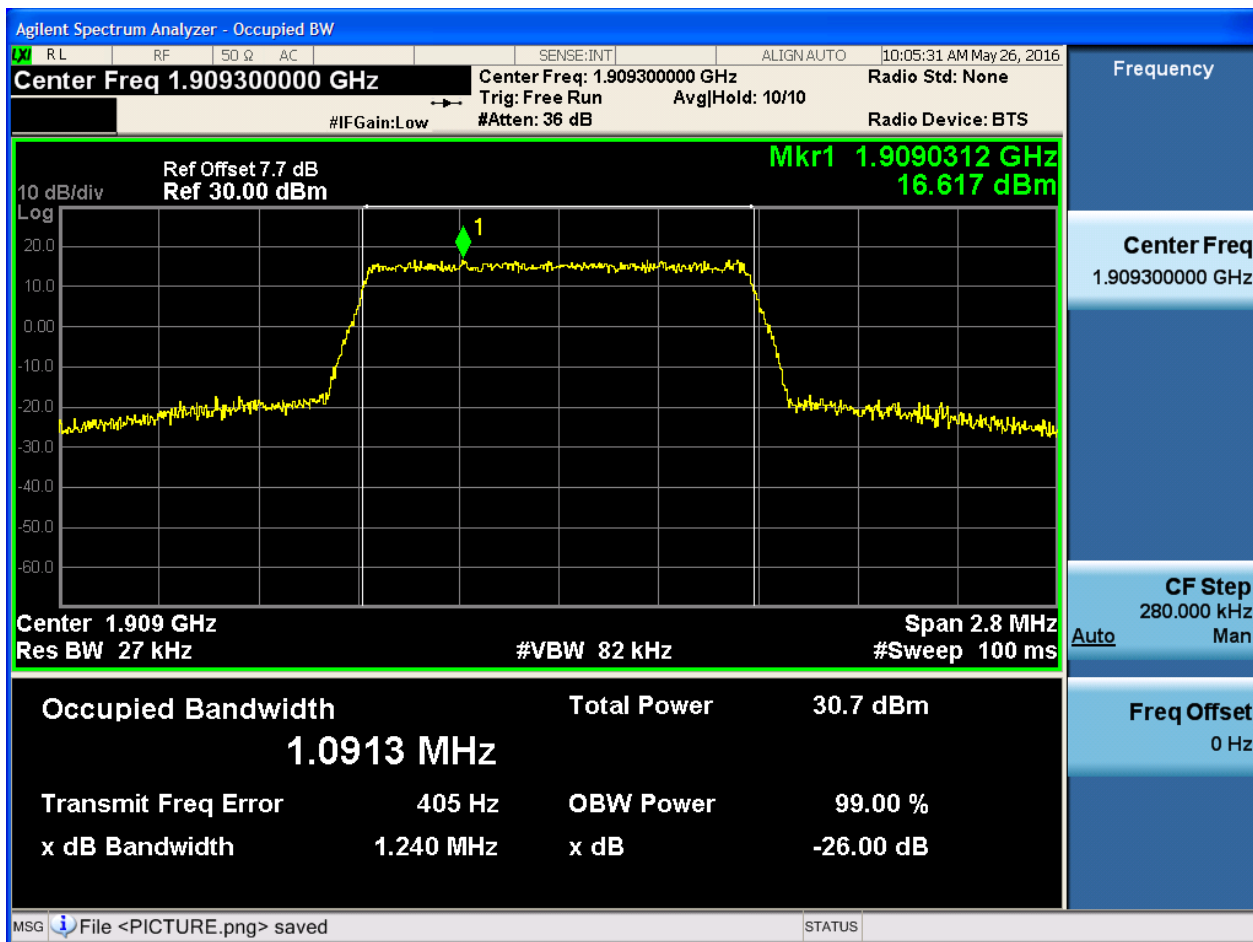
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

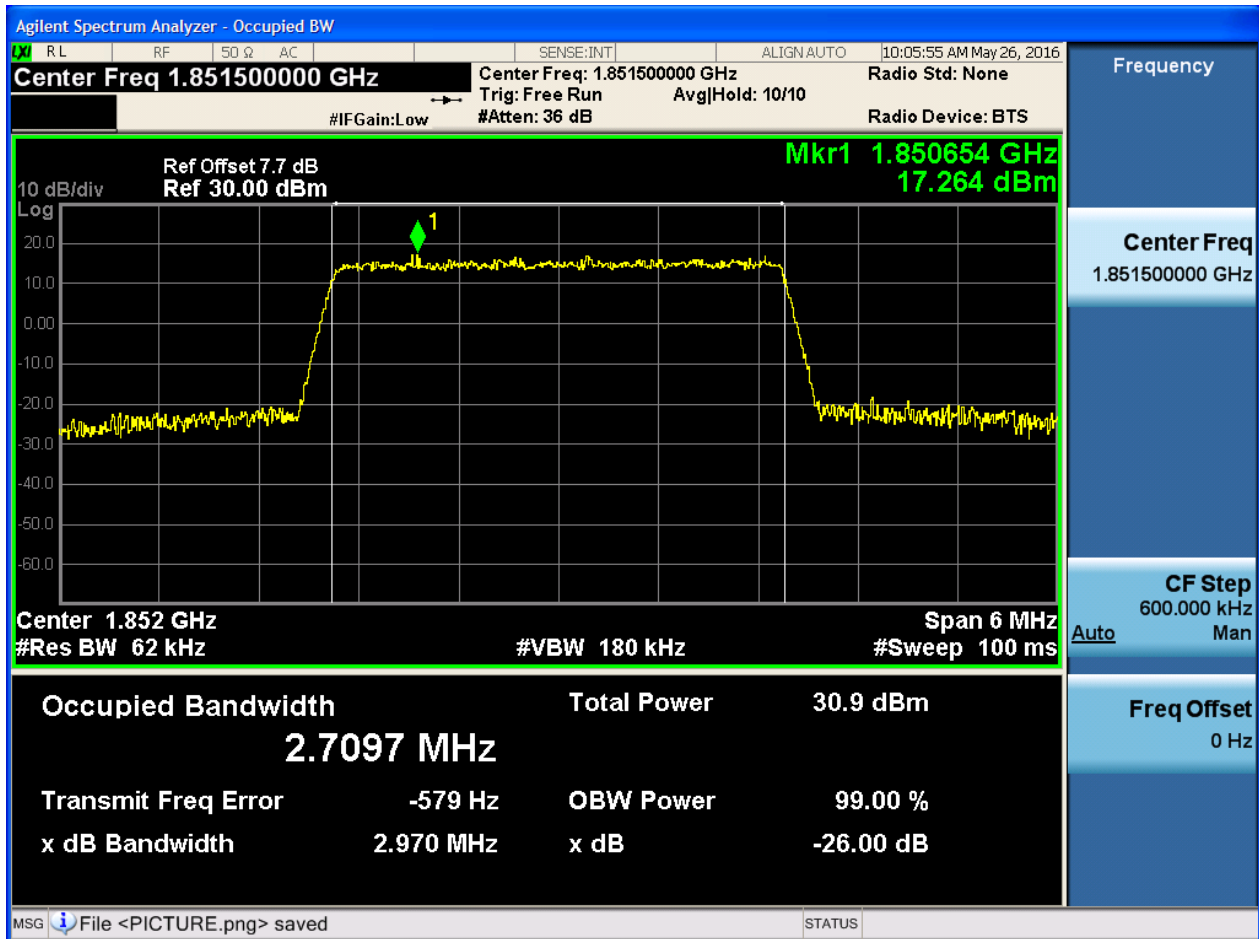




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

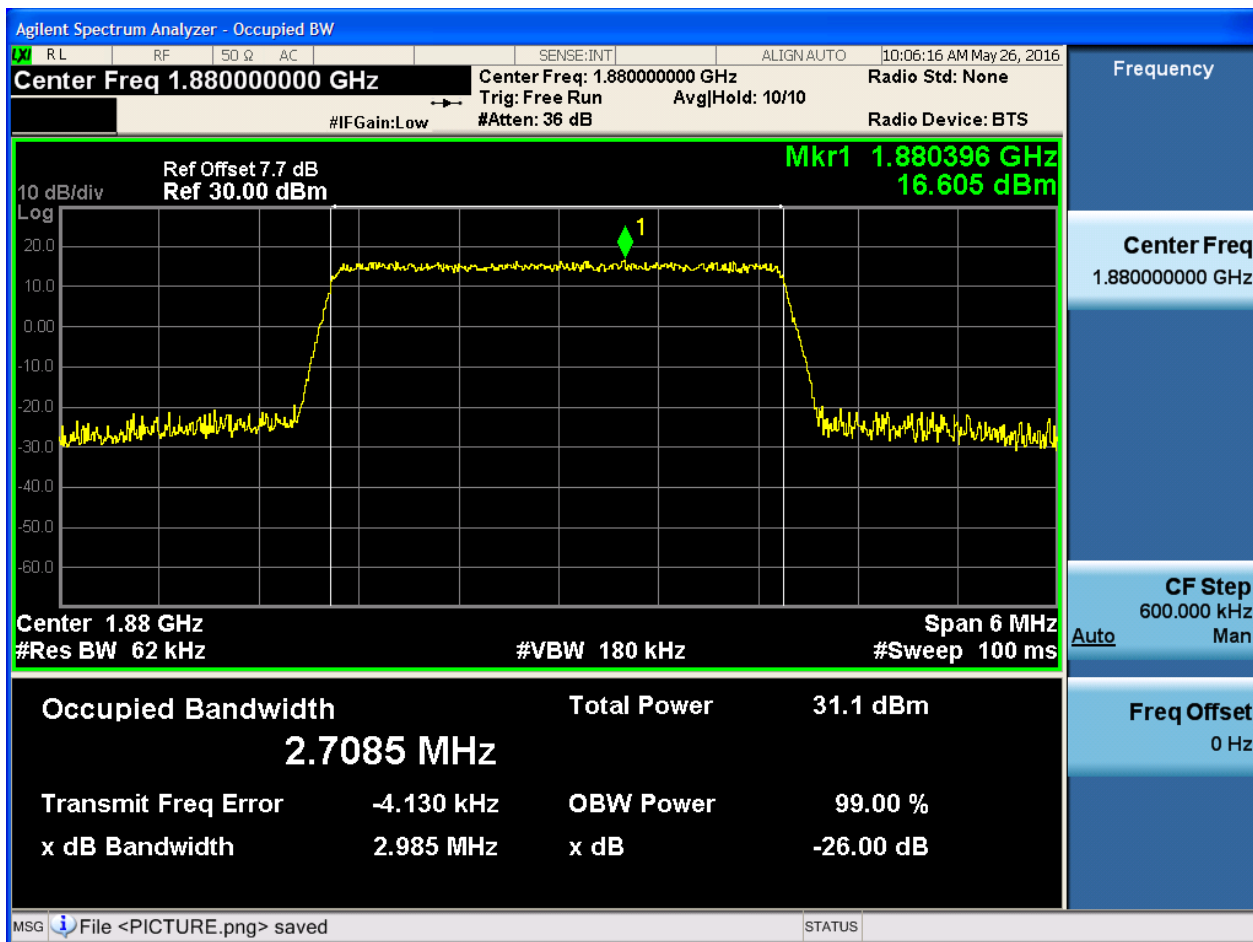
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

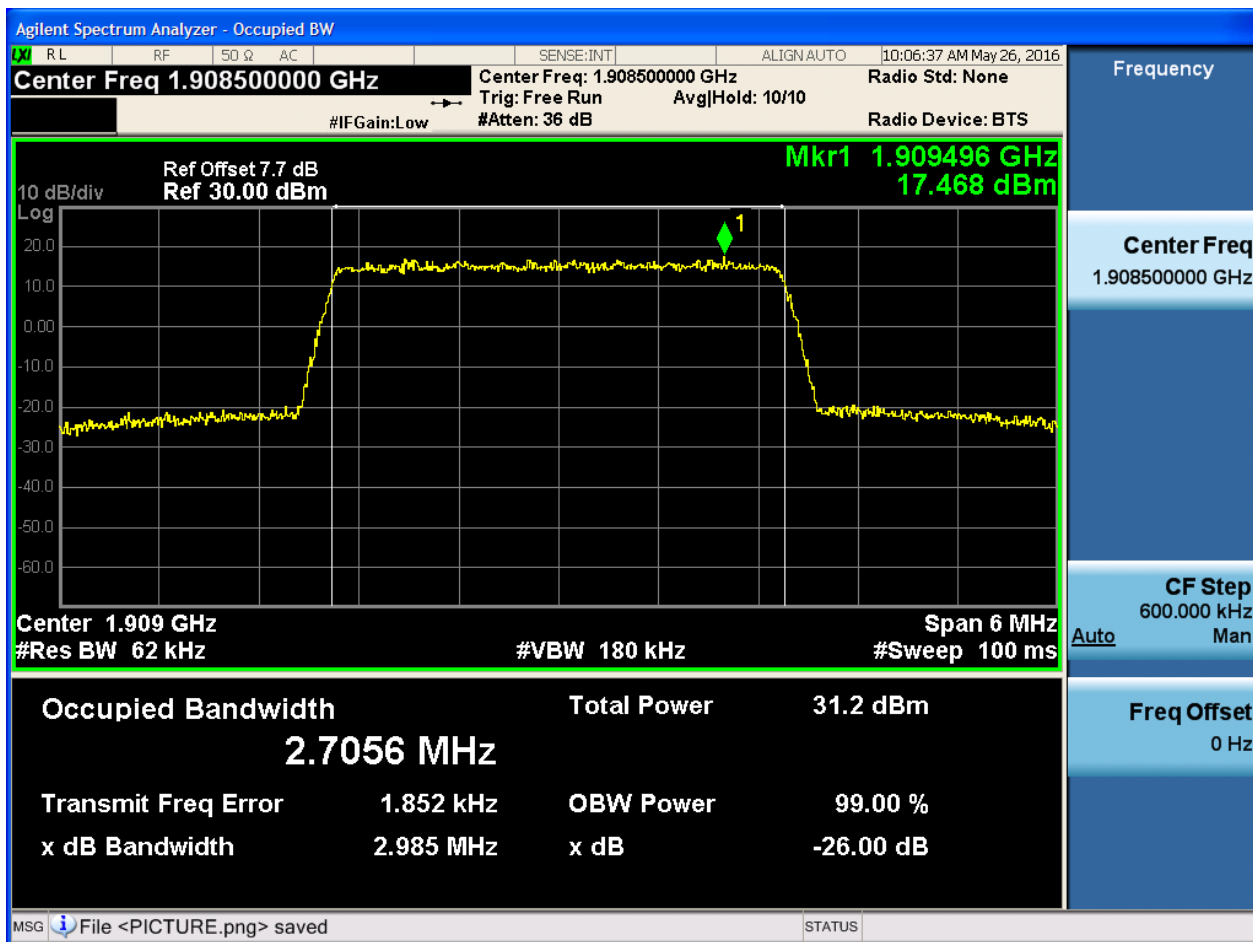
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

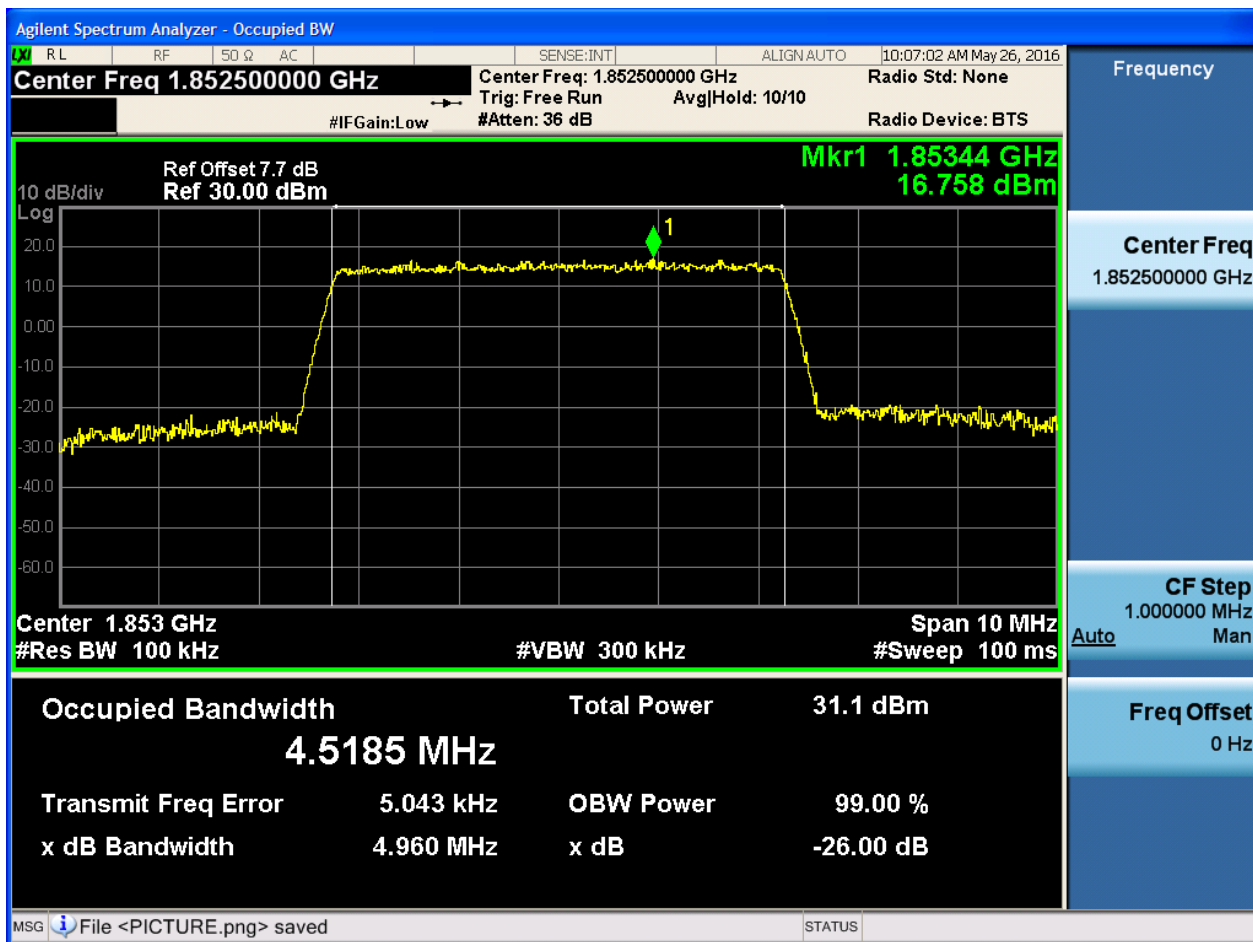




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

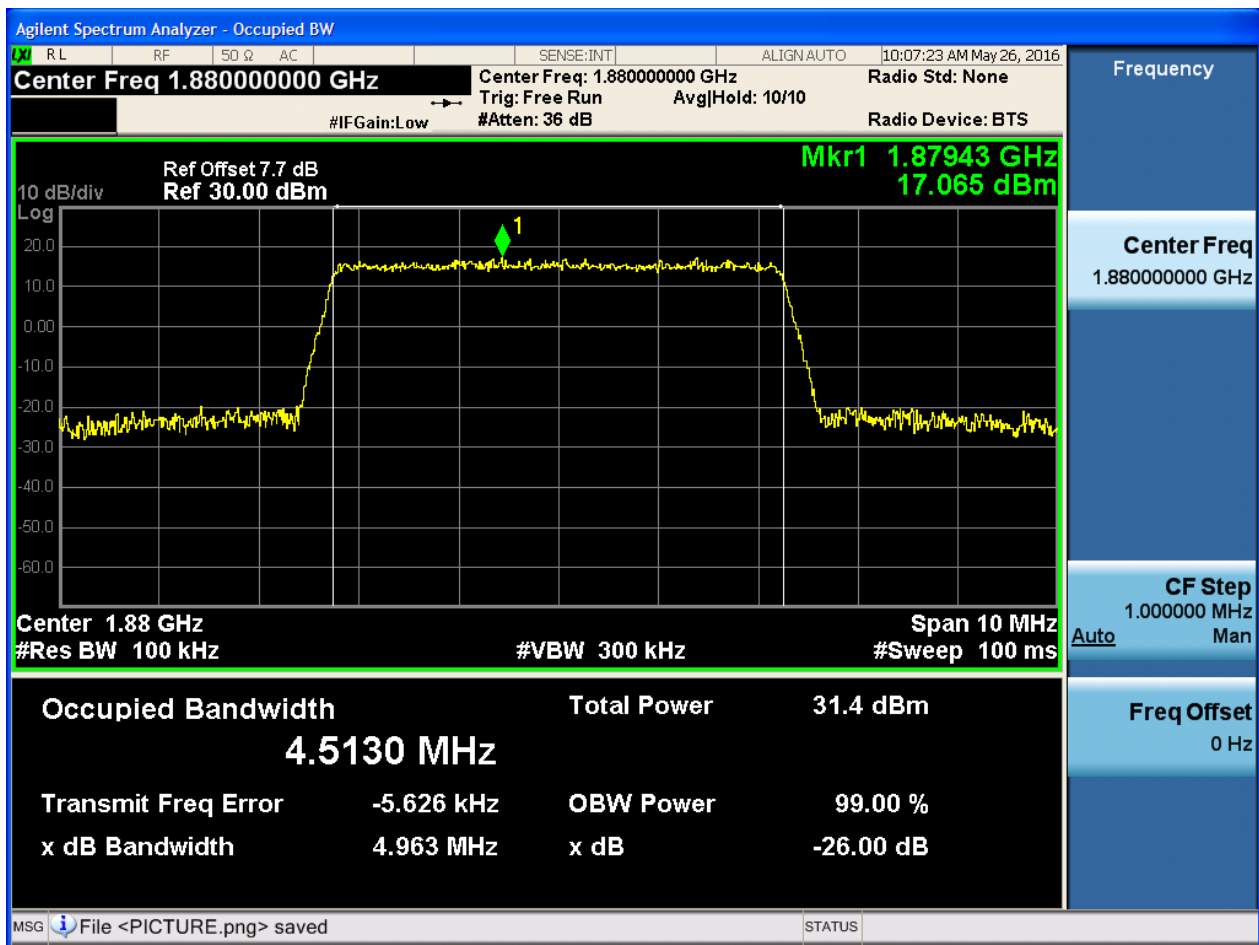
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

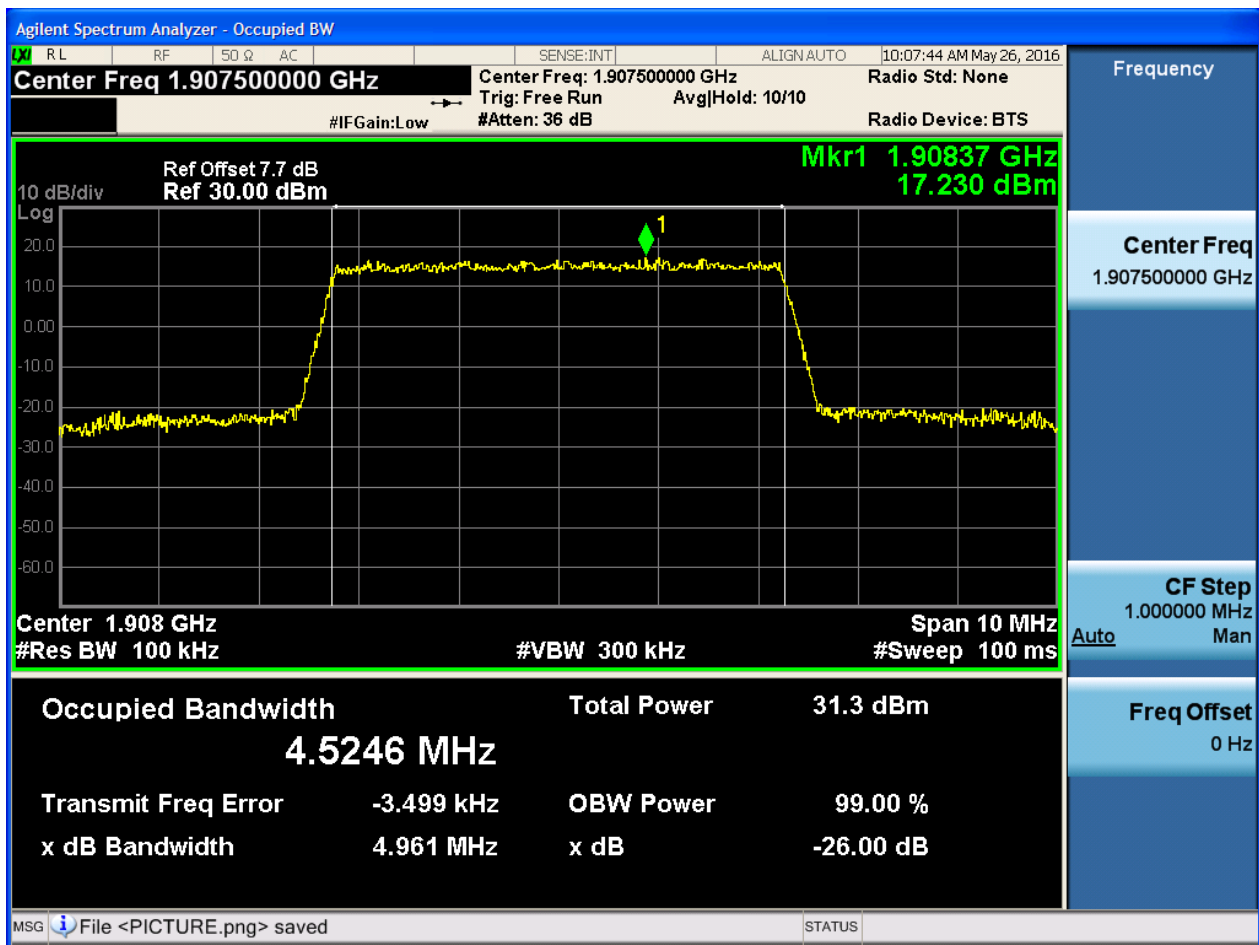
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

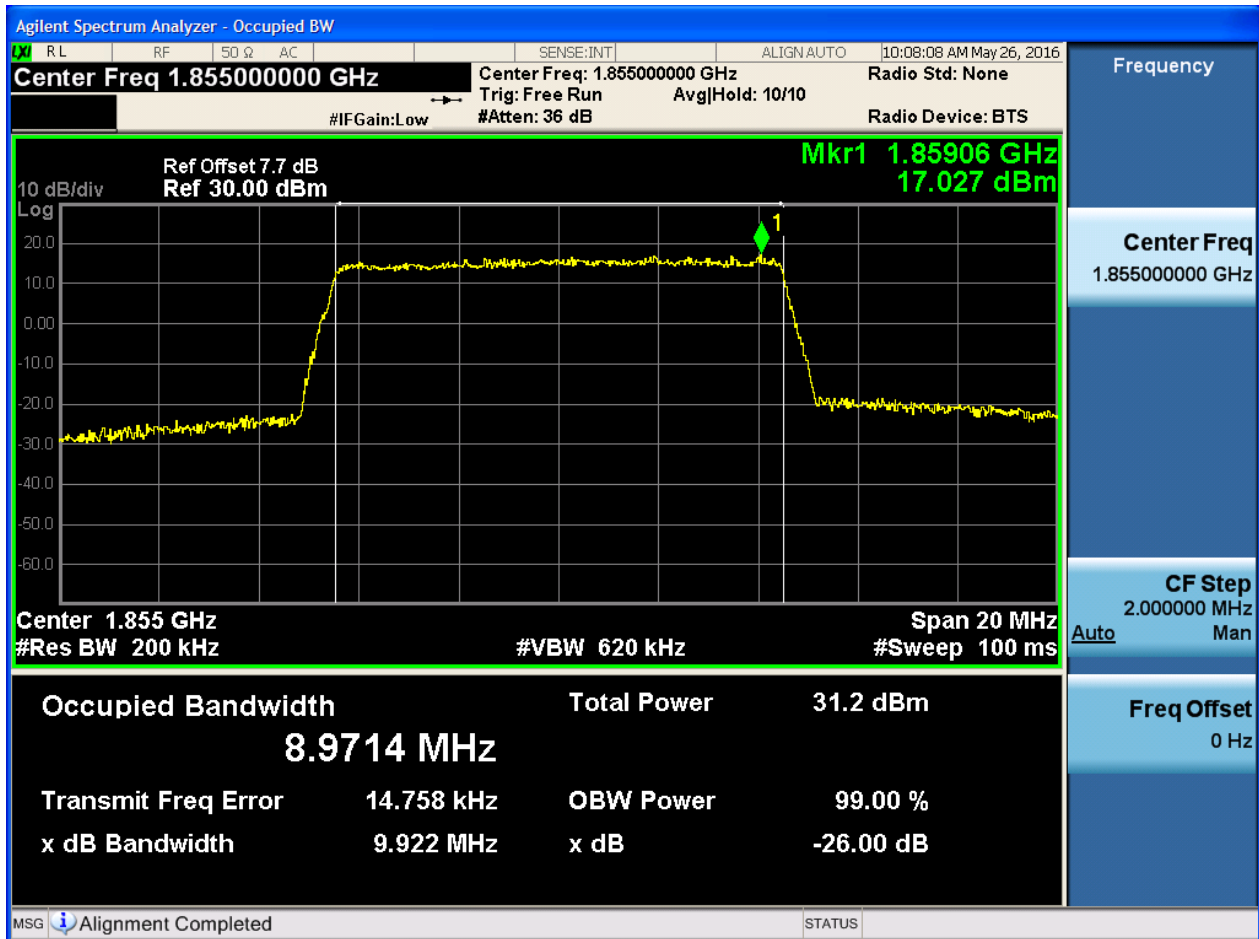




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

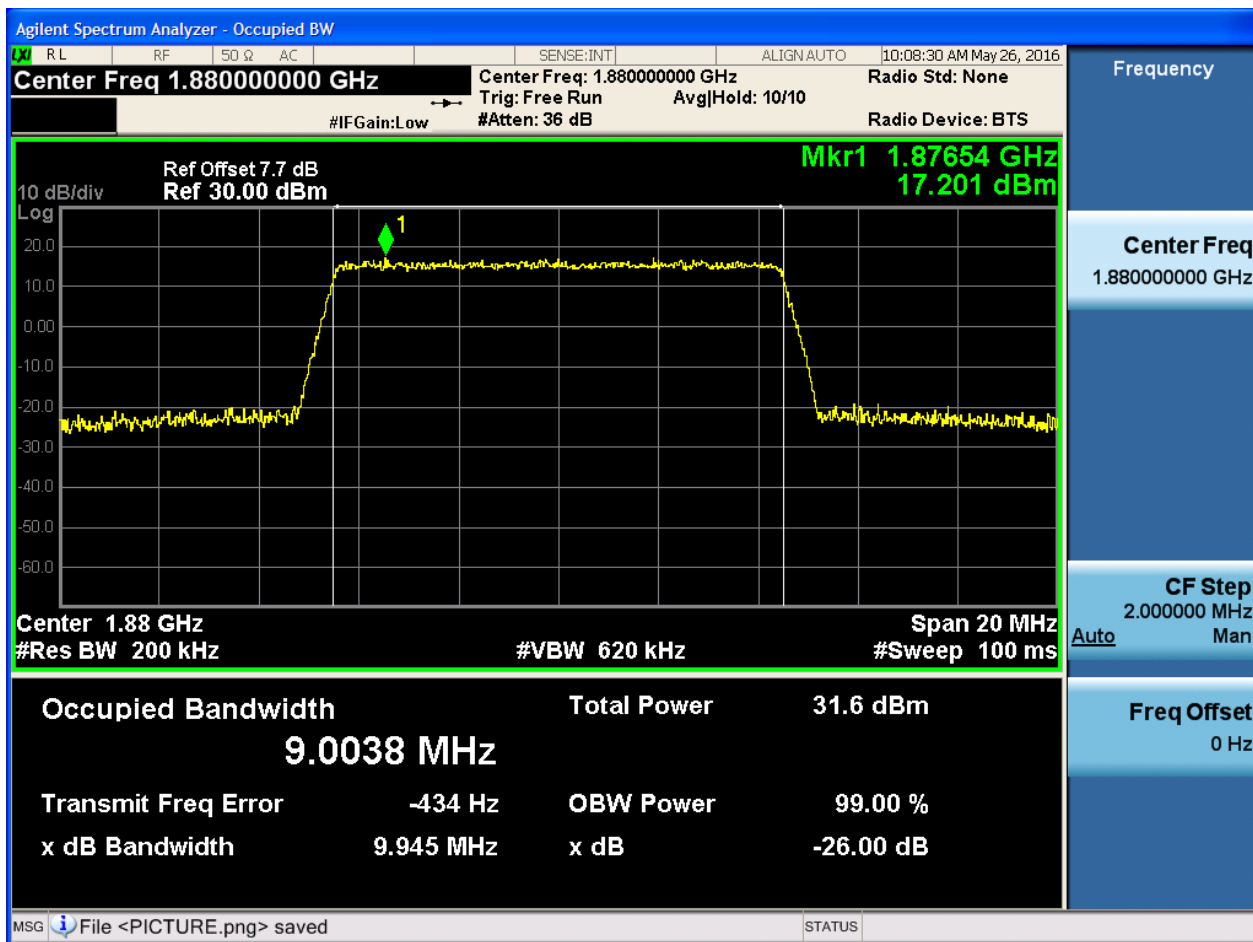
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

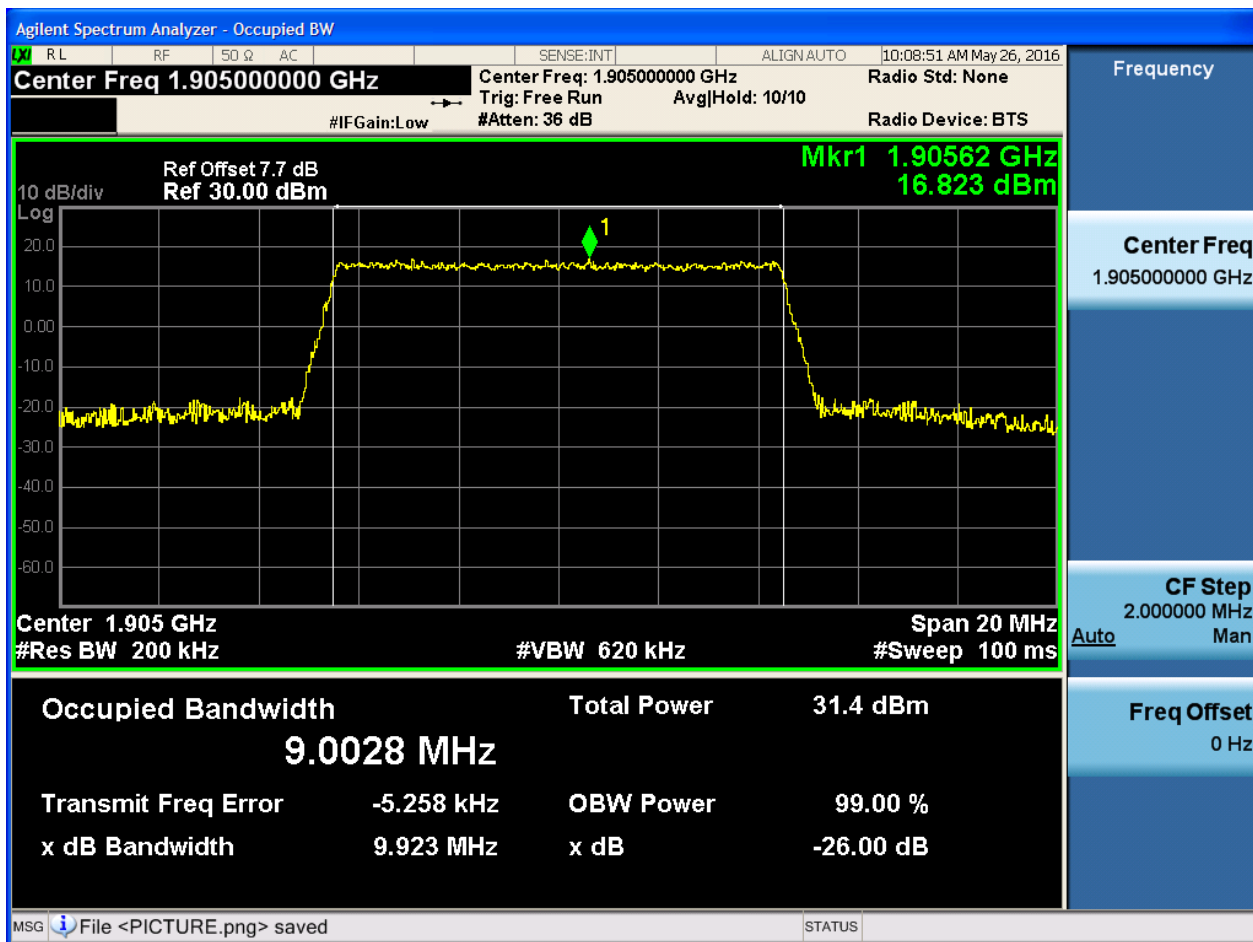
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

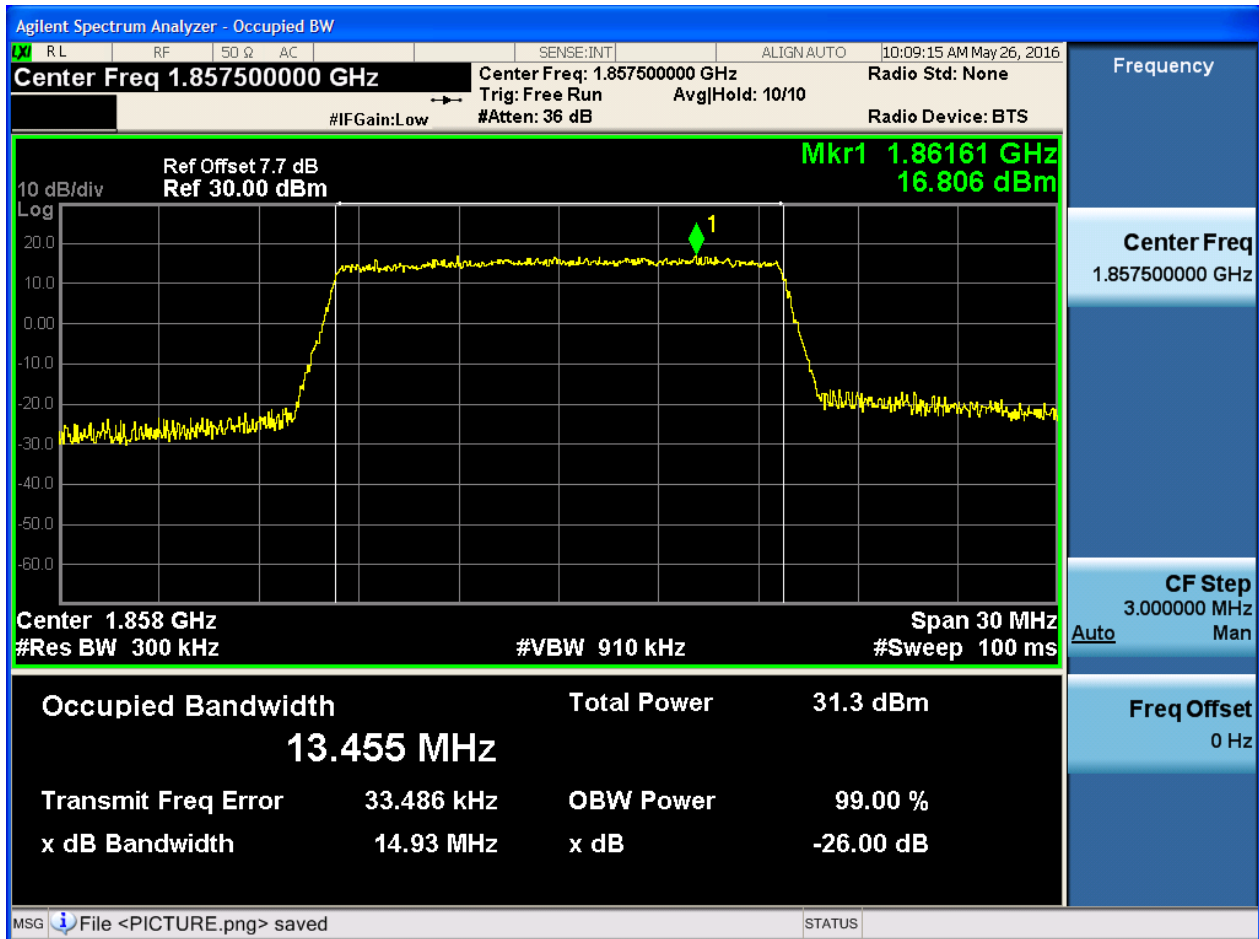




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

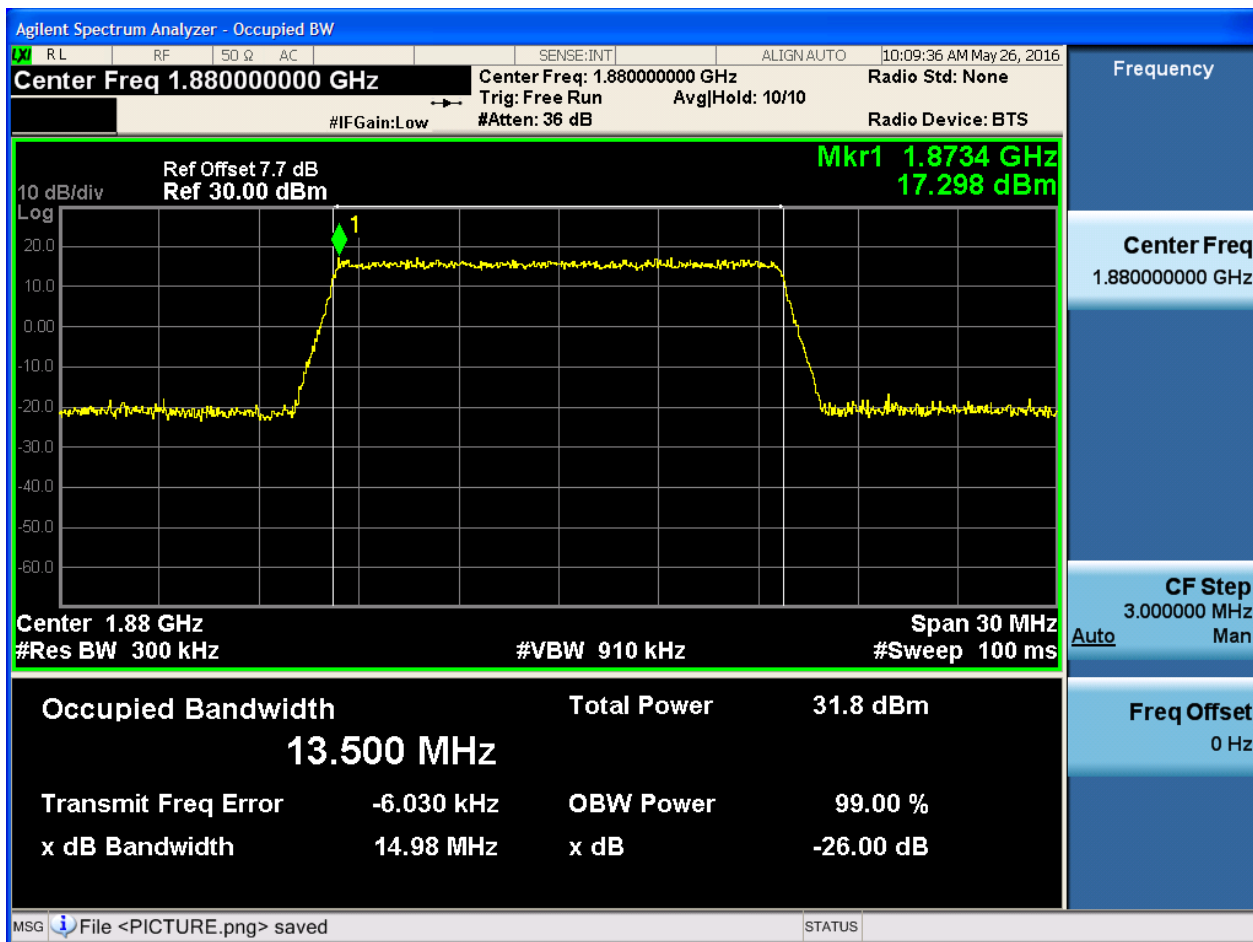
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

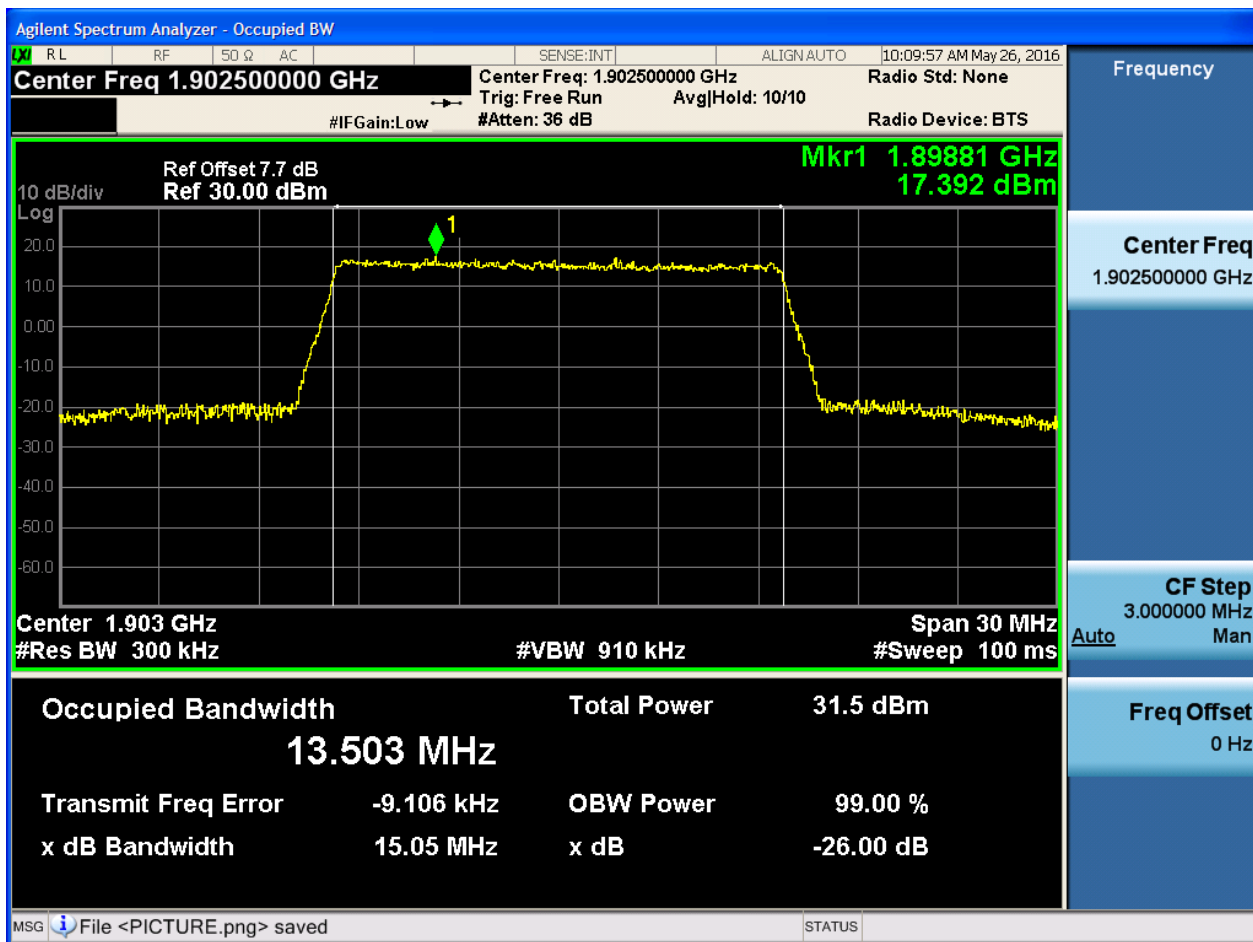
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

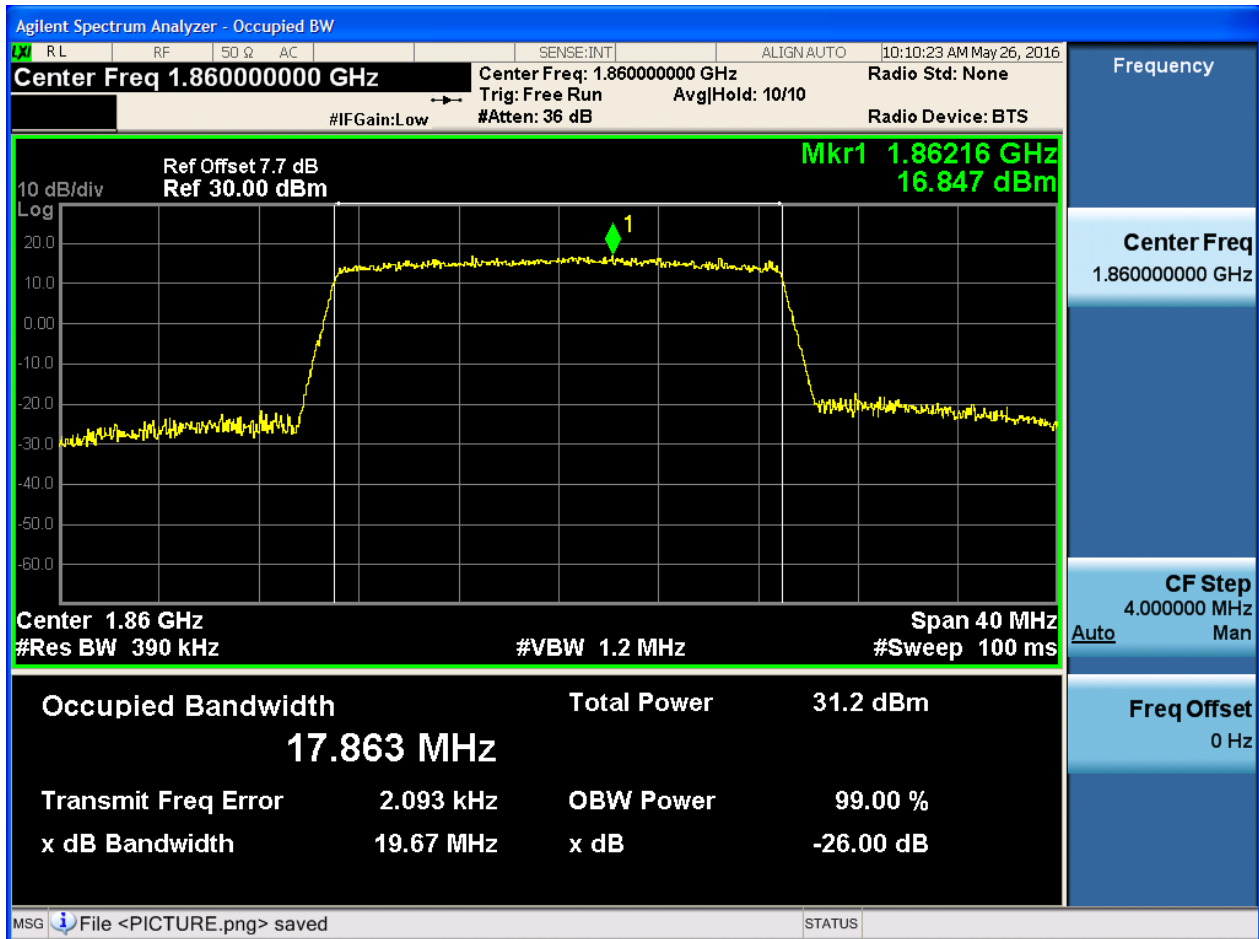




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

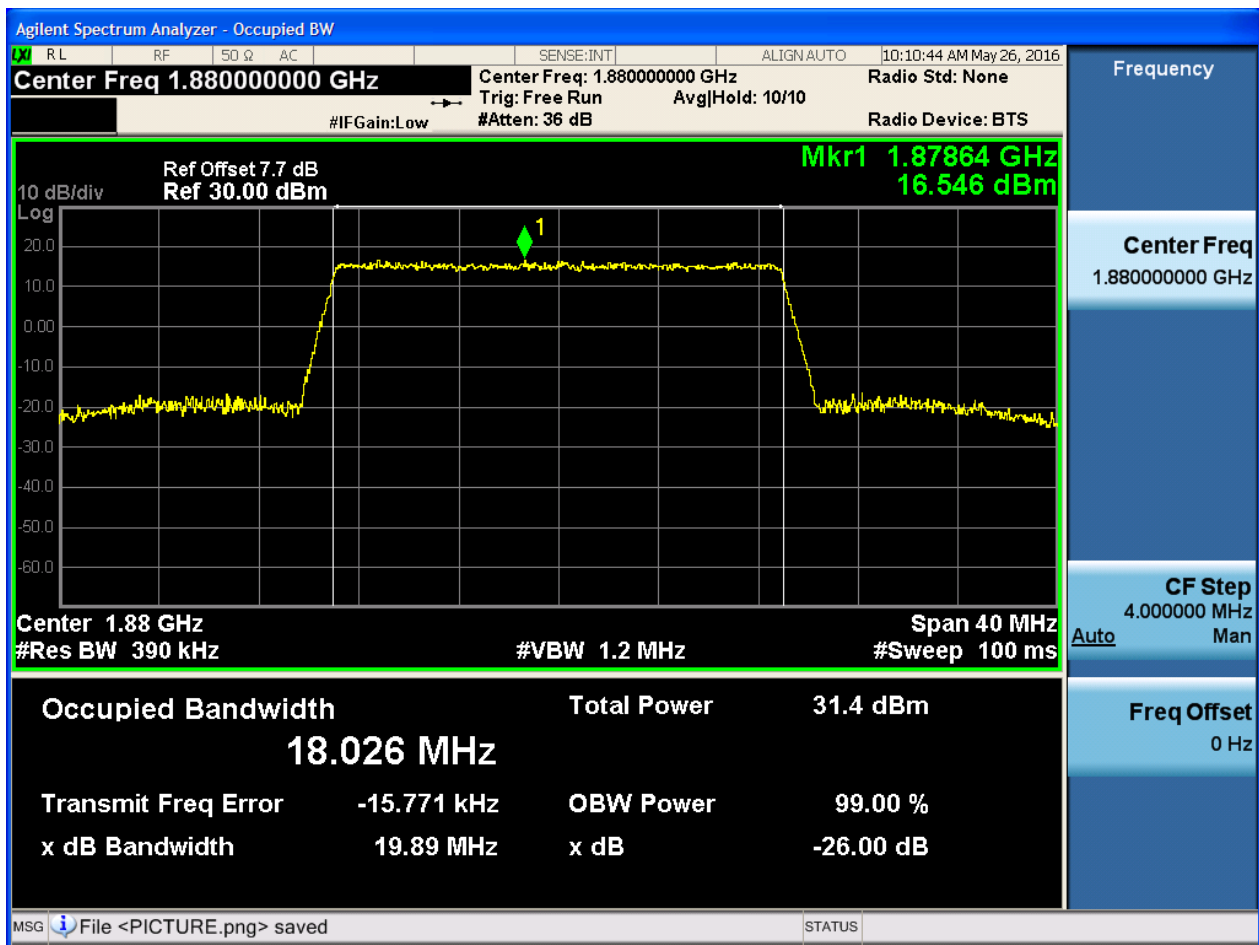
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

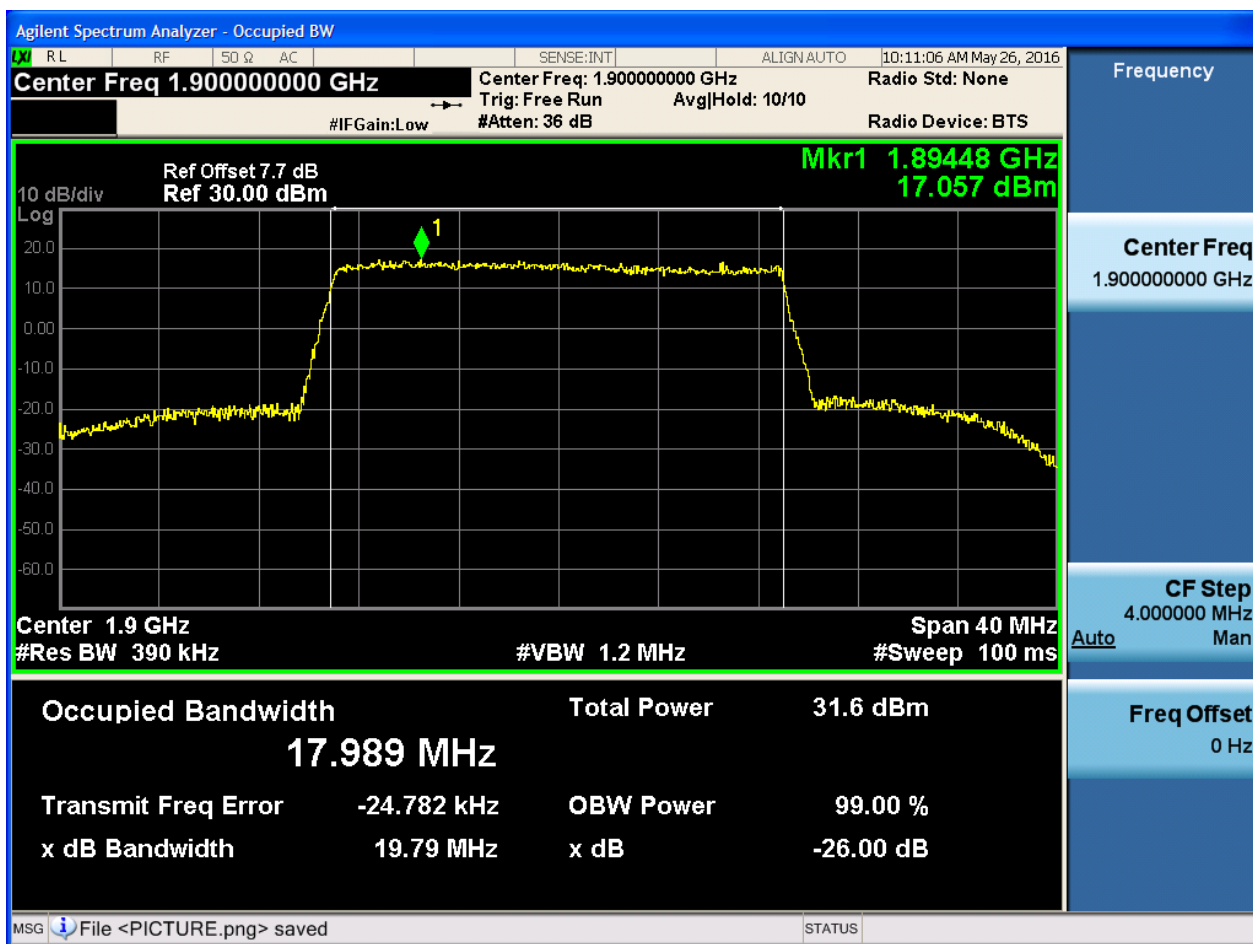
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



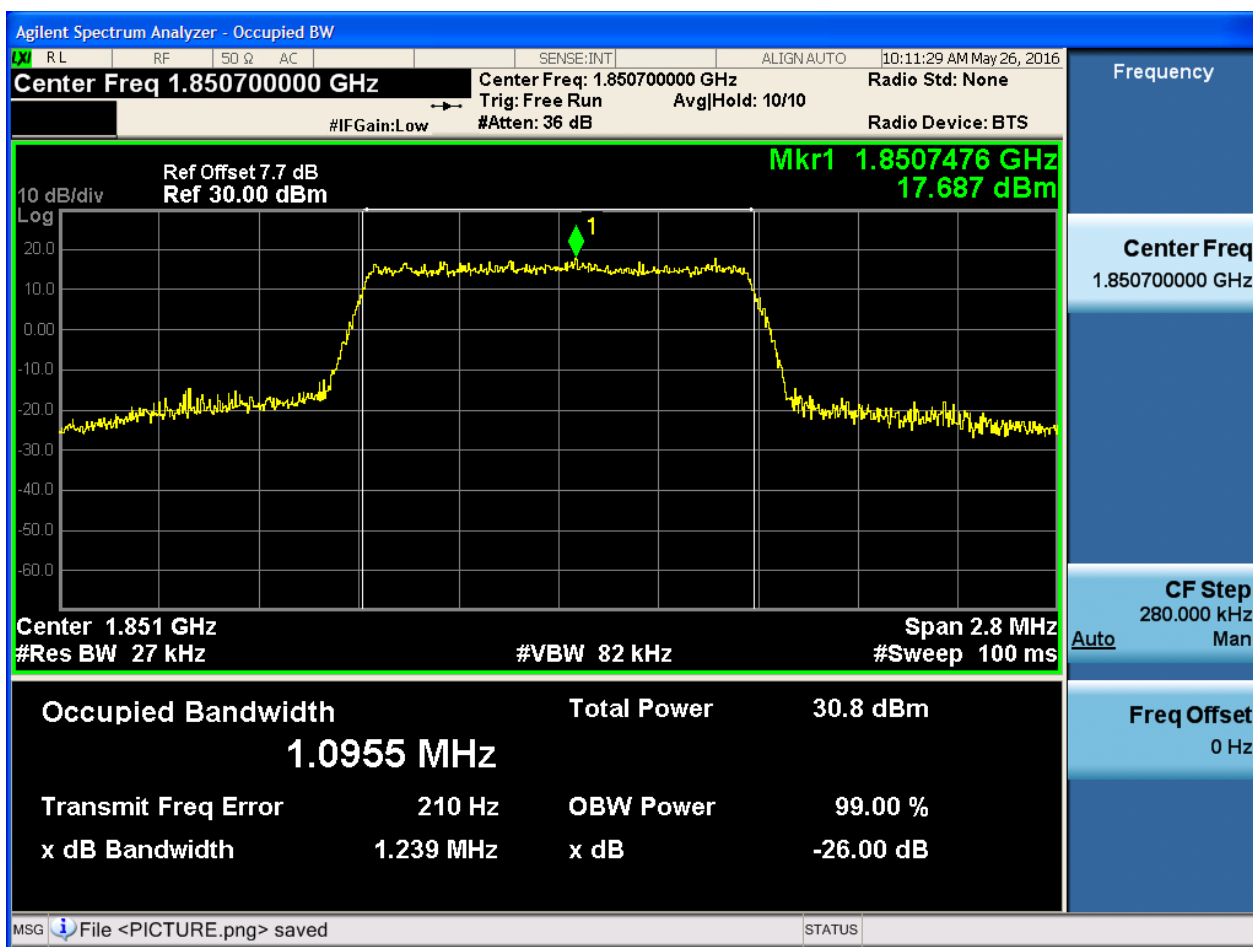


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

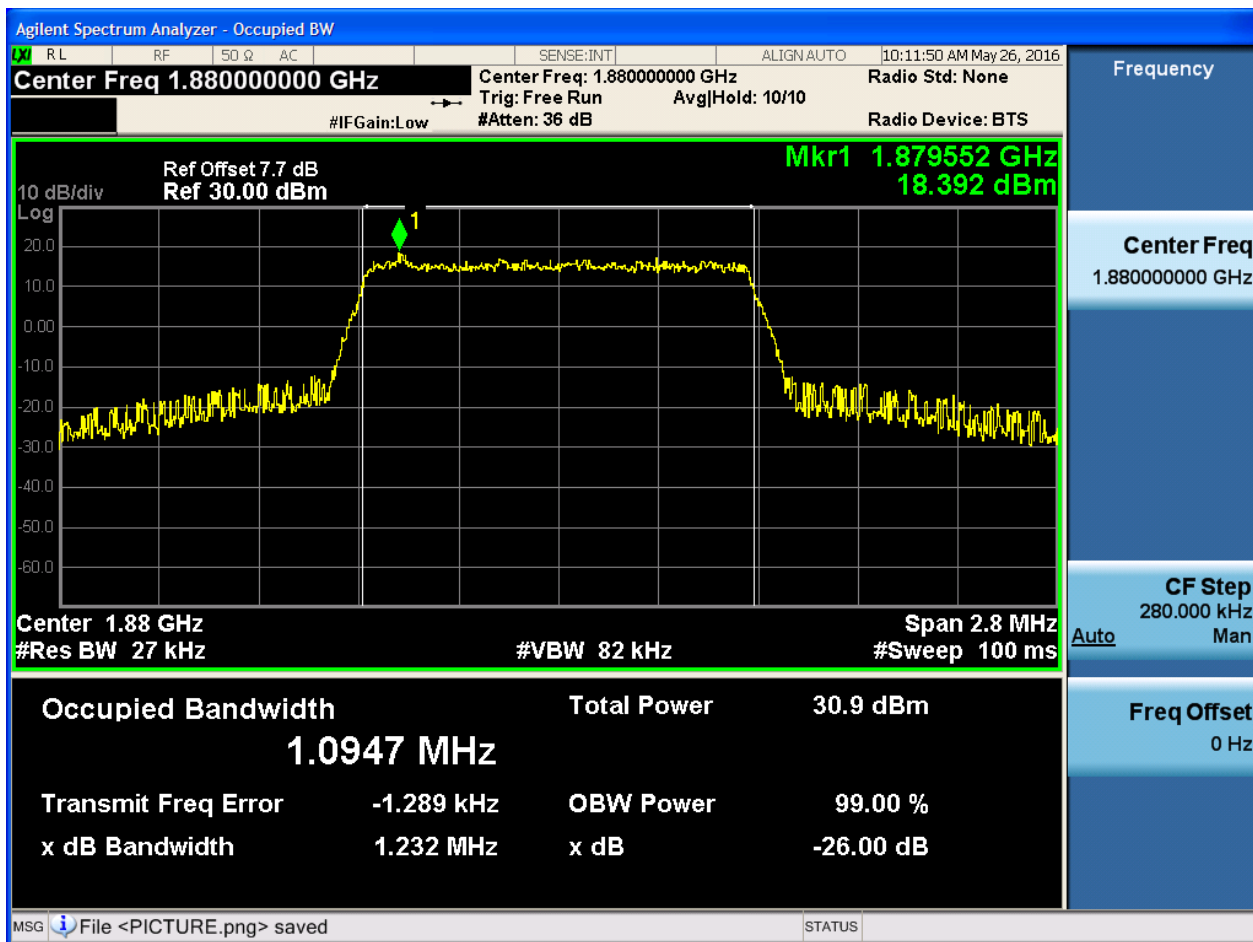
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

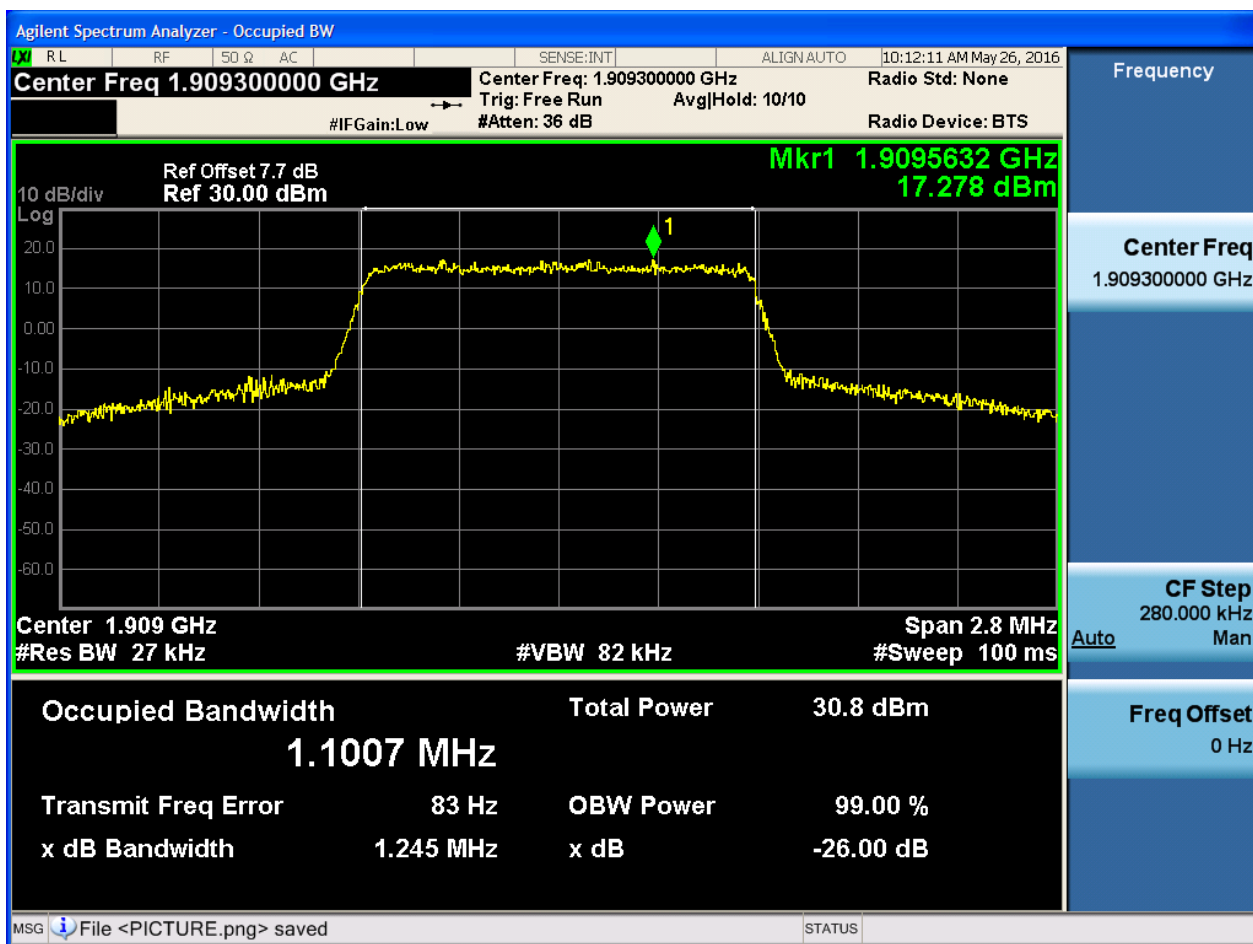
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

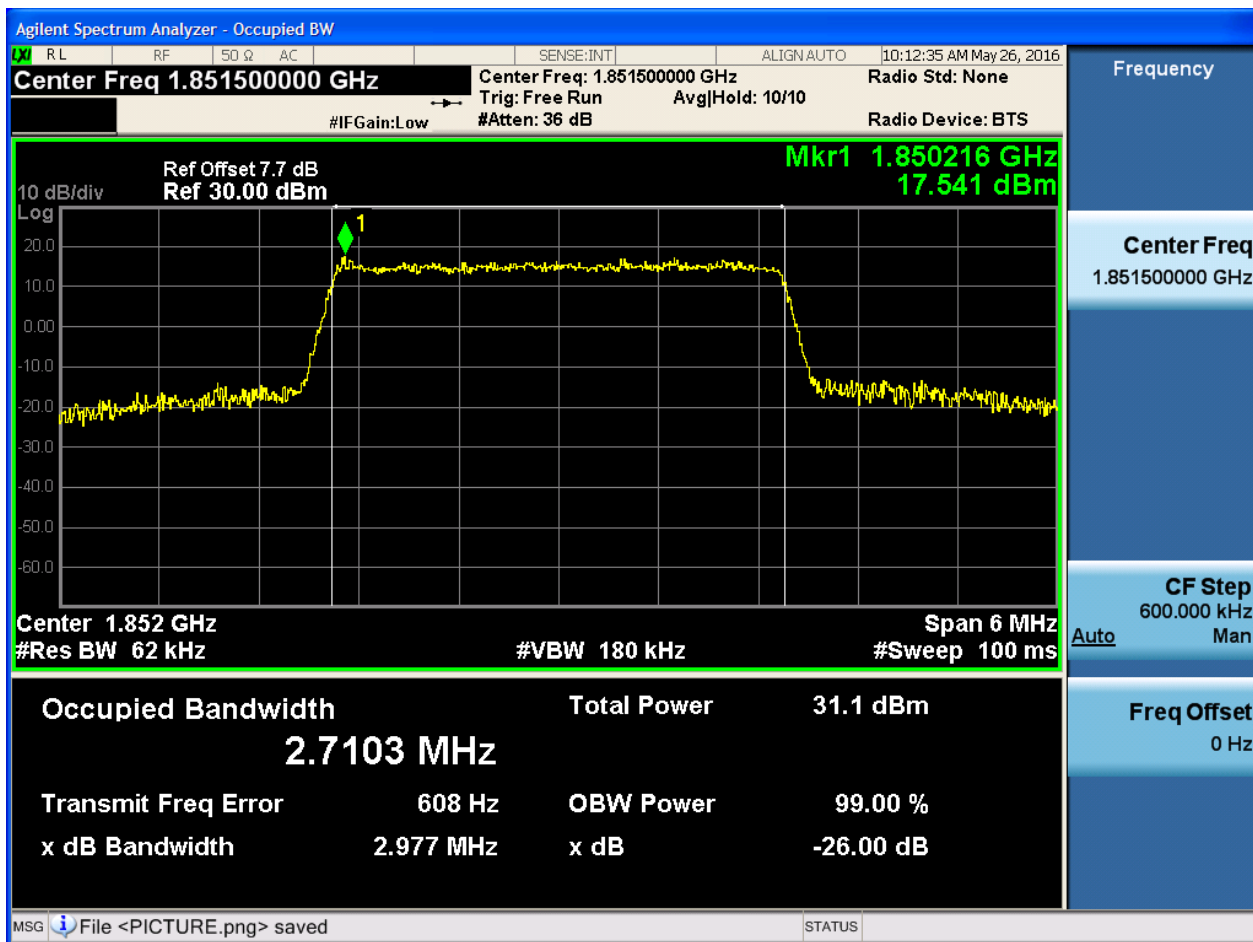




4.1.1.2.2 Test Bandwidth = 3

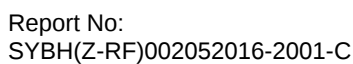
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0





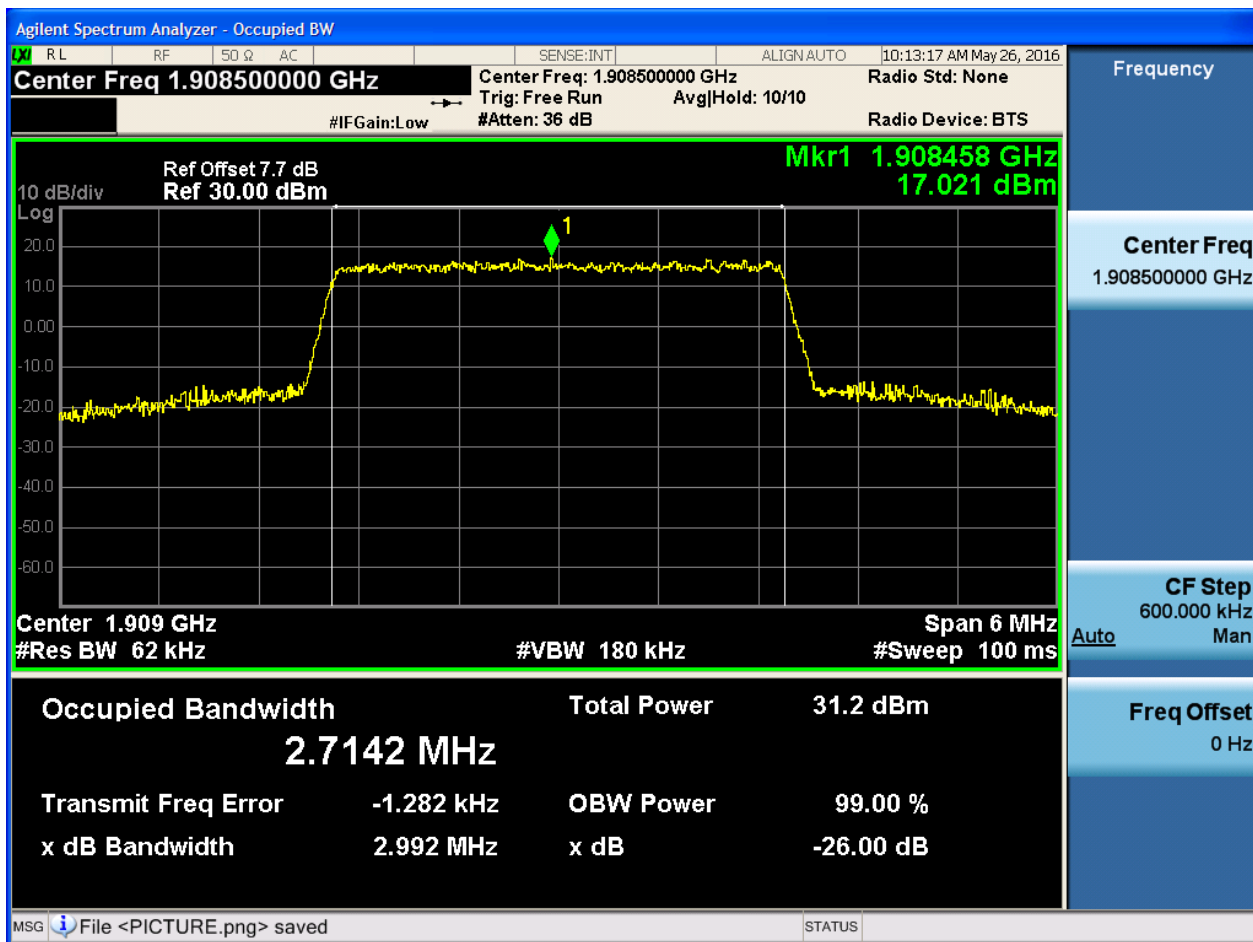
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

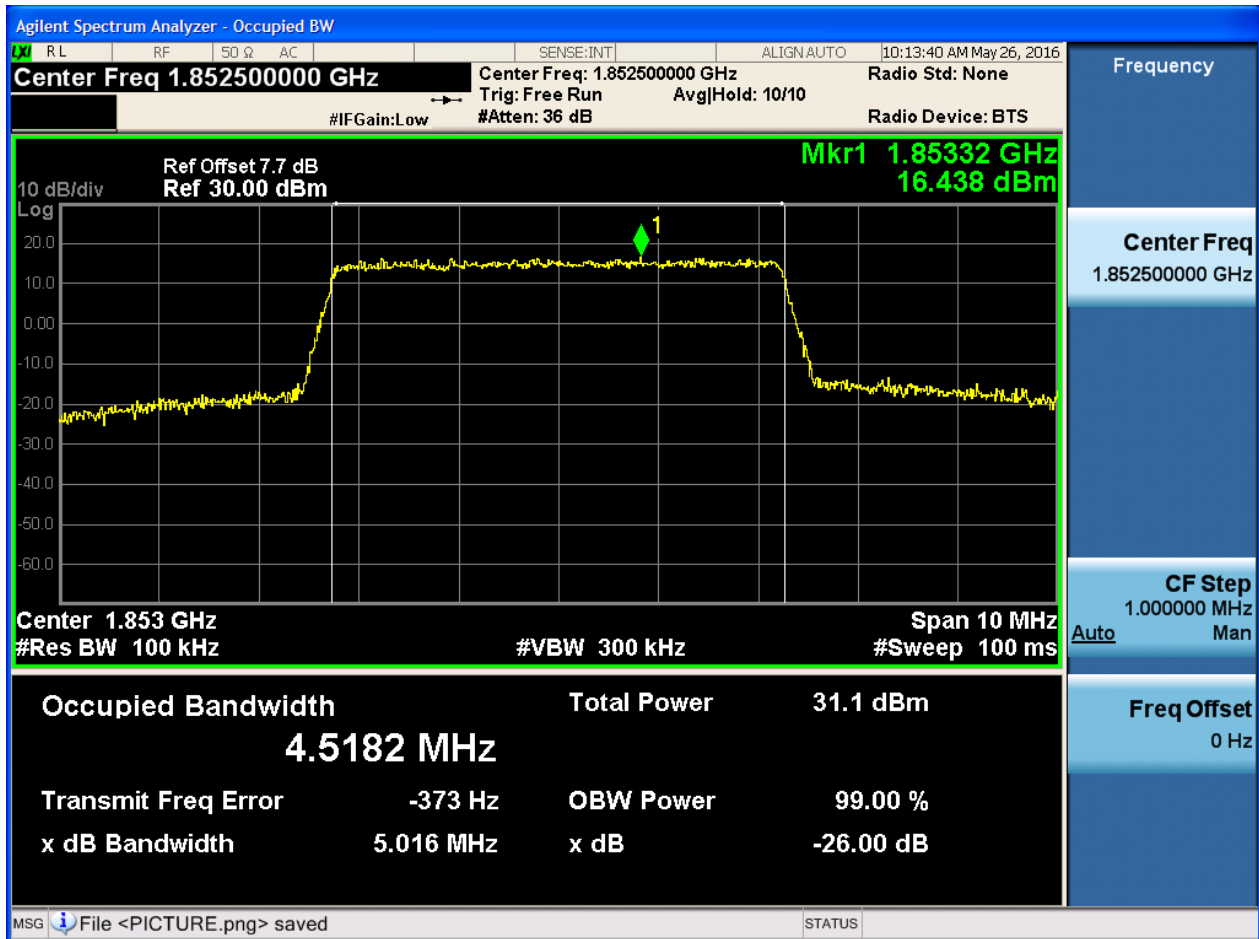




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

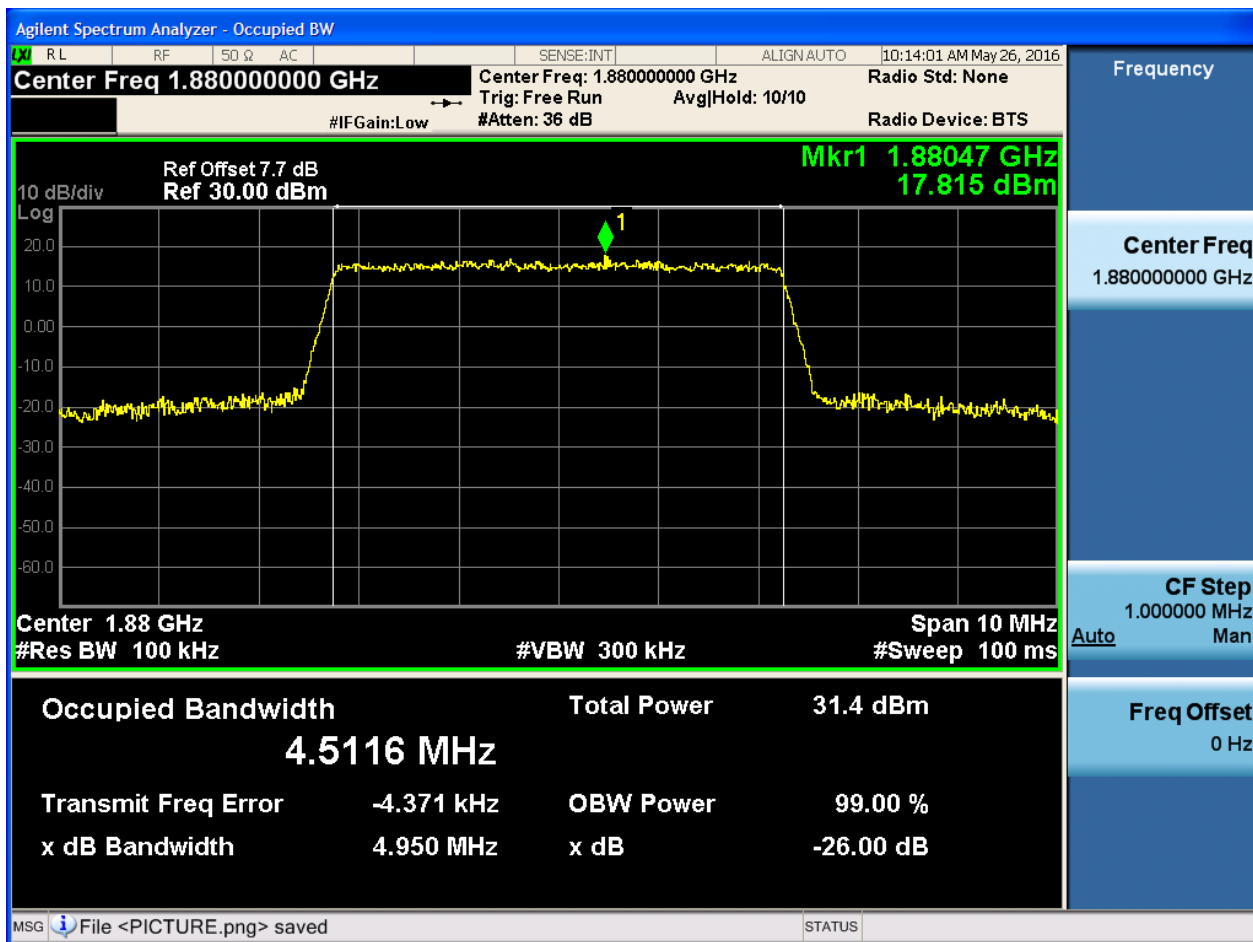
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

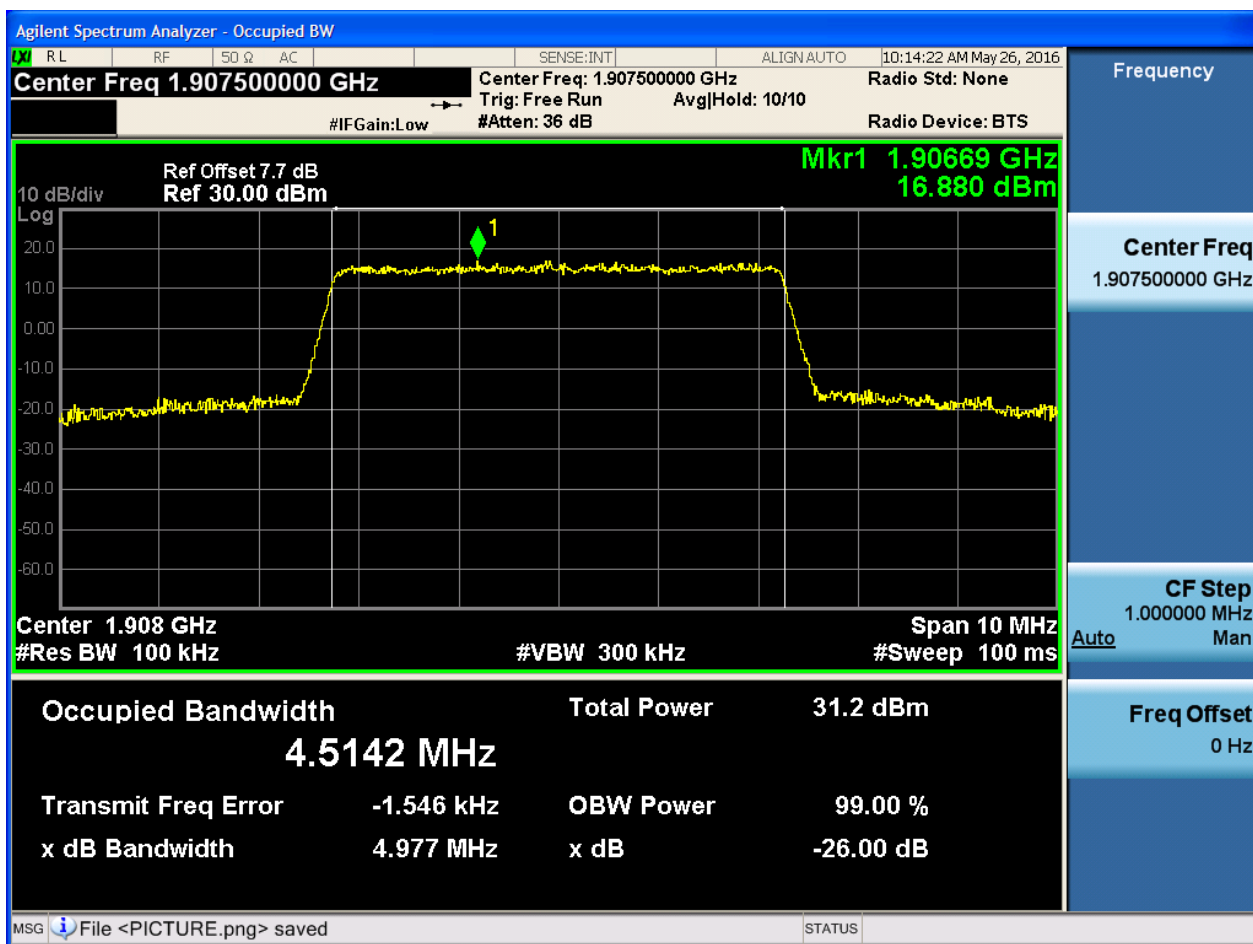
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

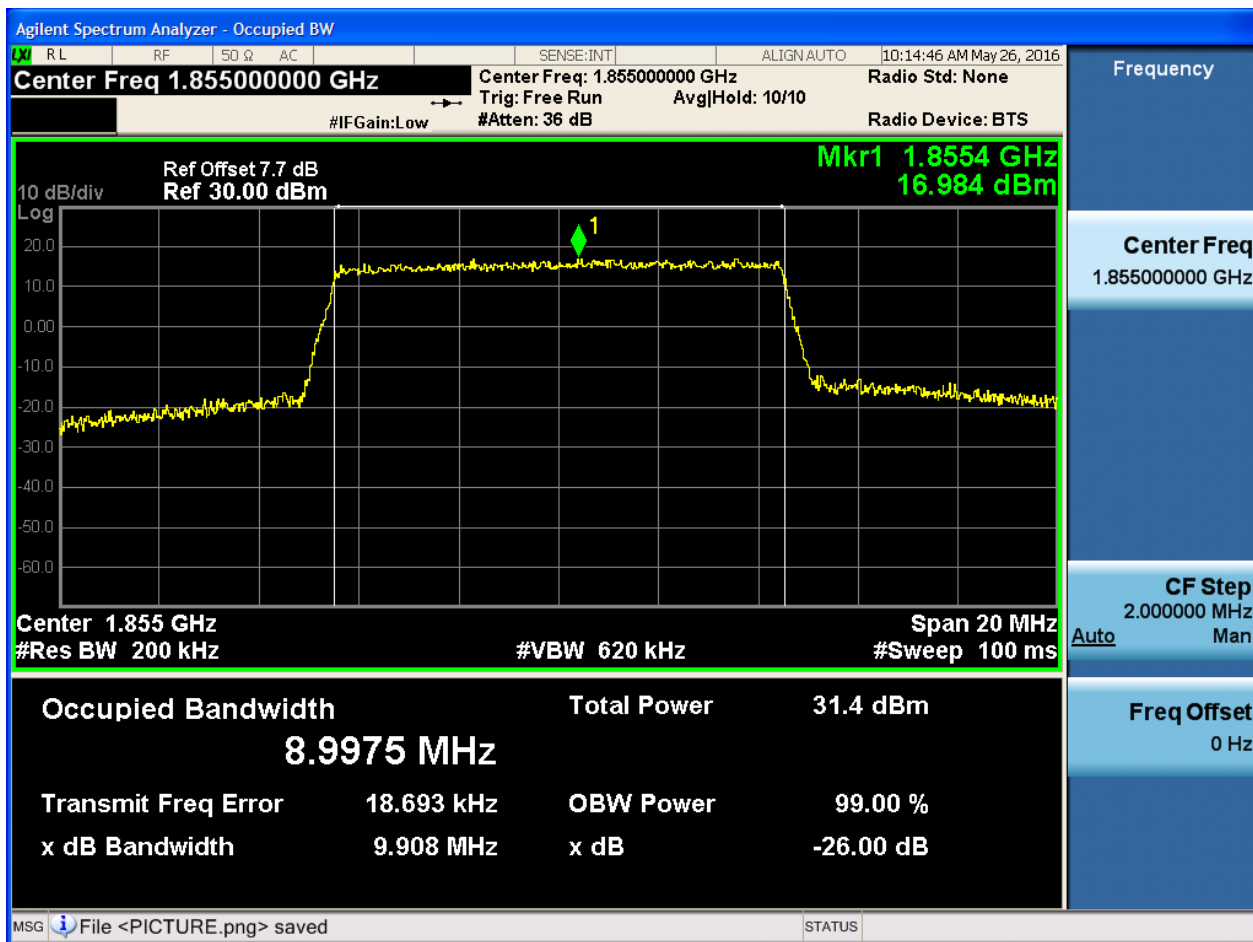




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

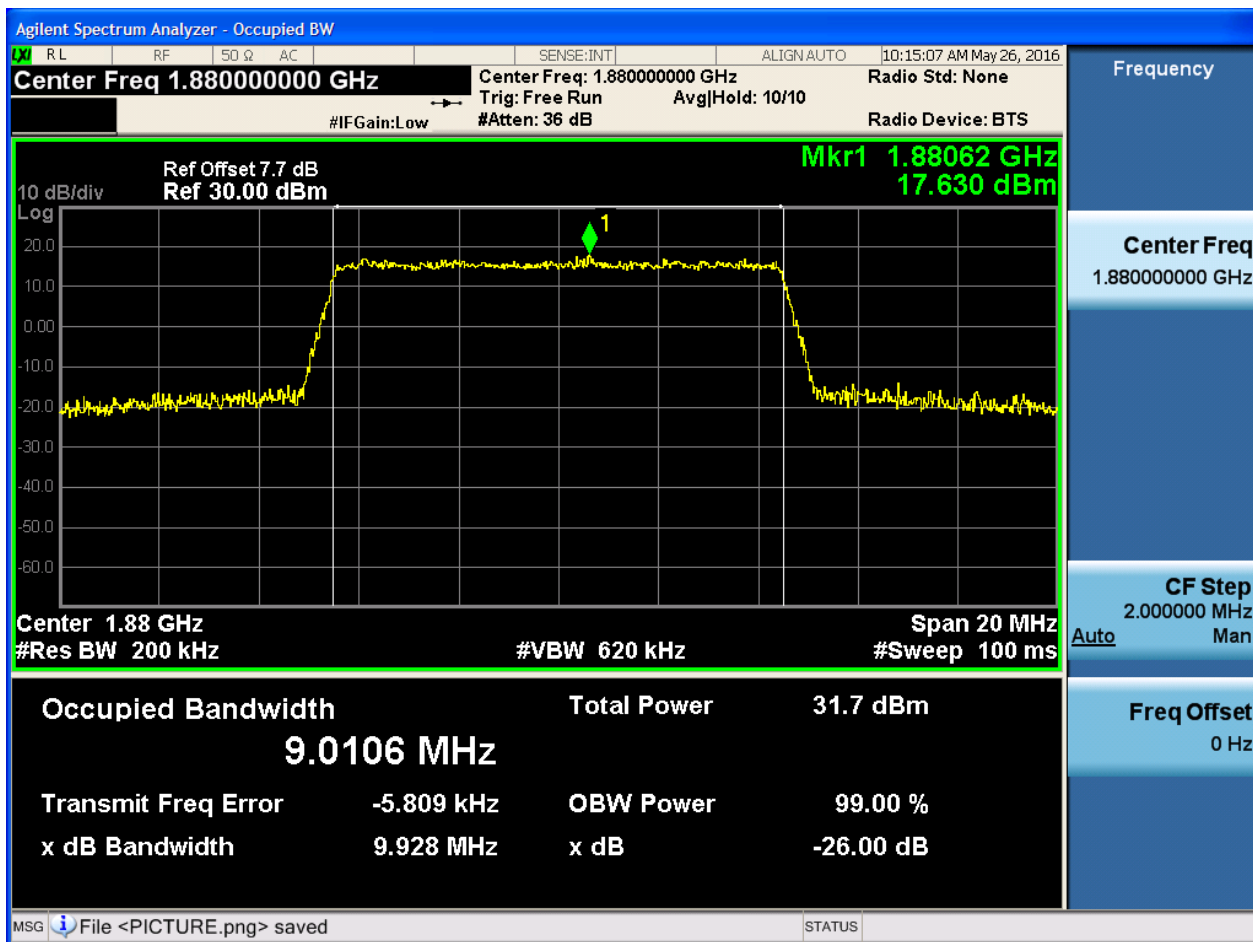
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

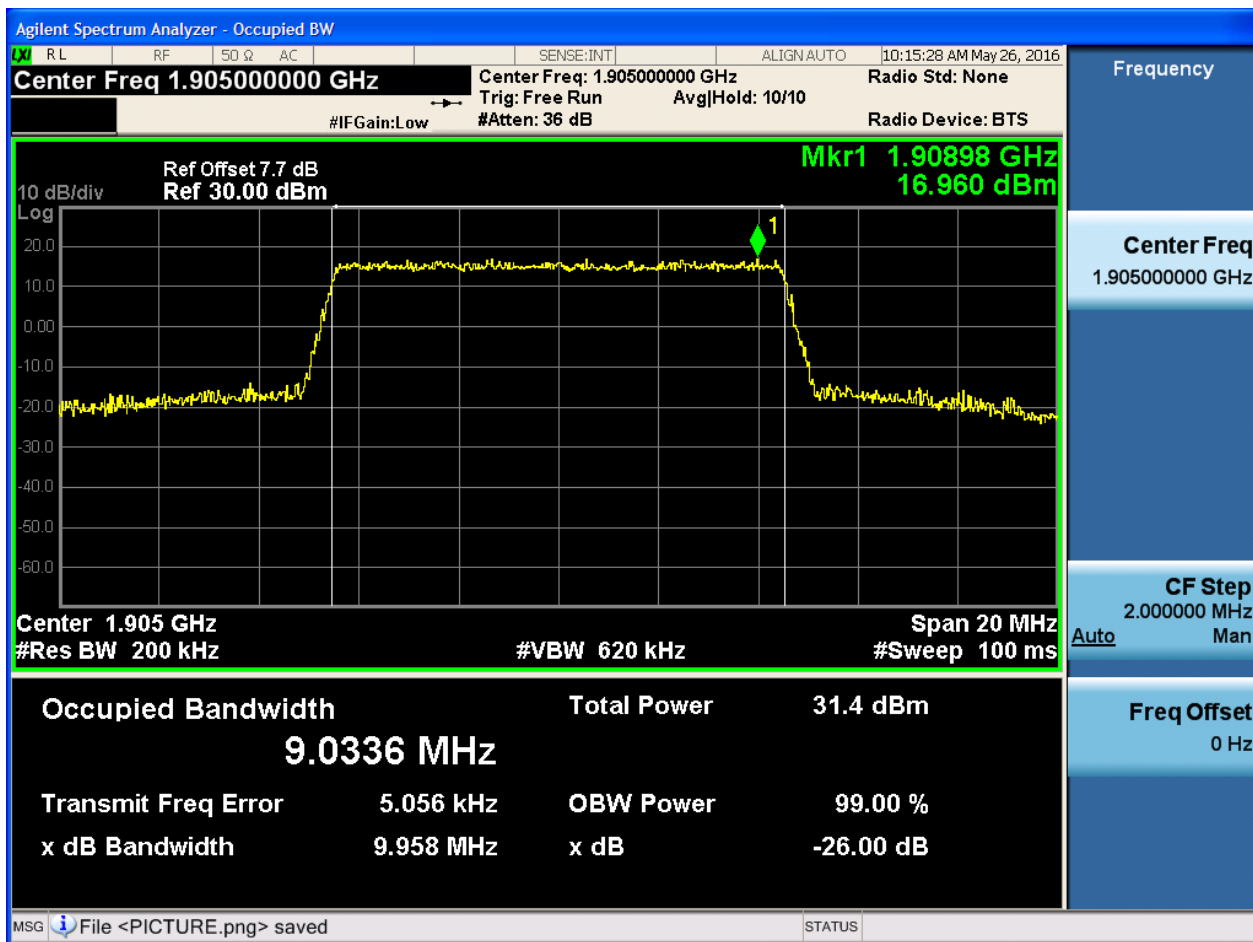
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

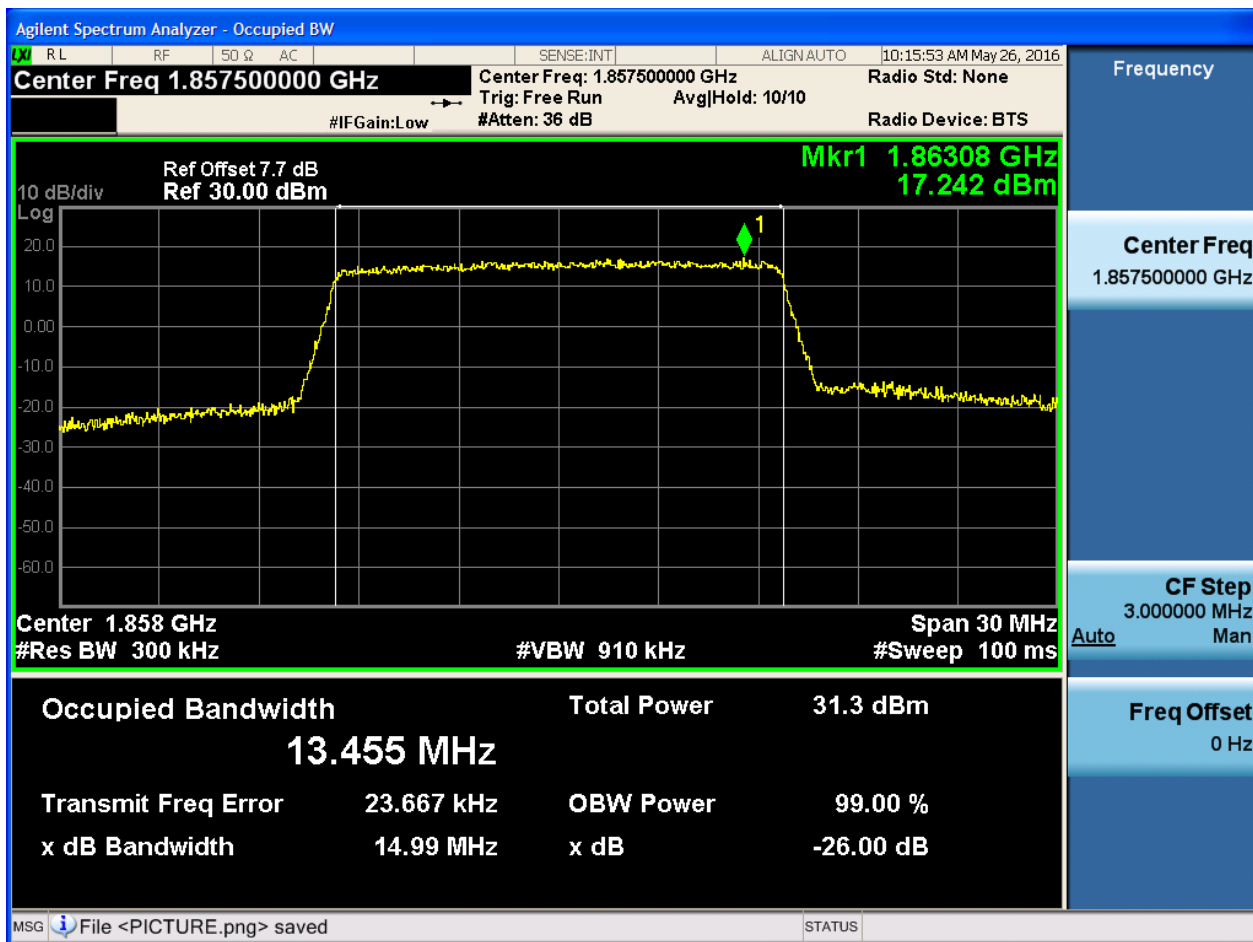




4.1.1.2.5 Test Bandwidth = 15

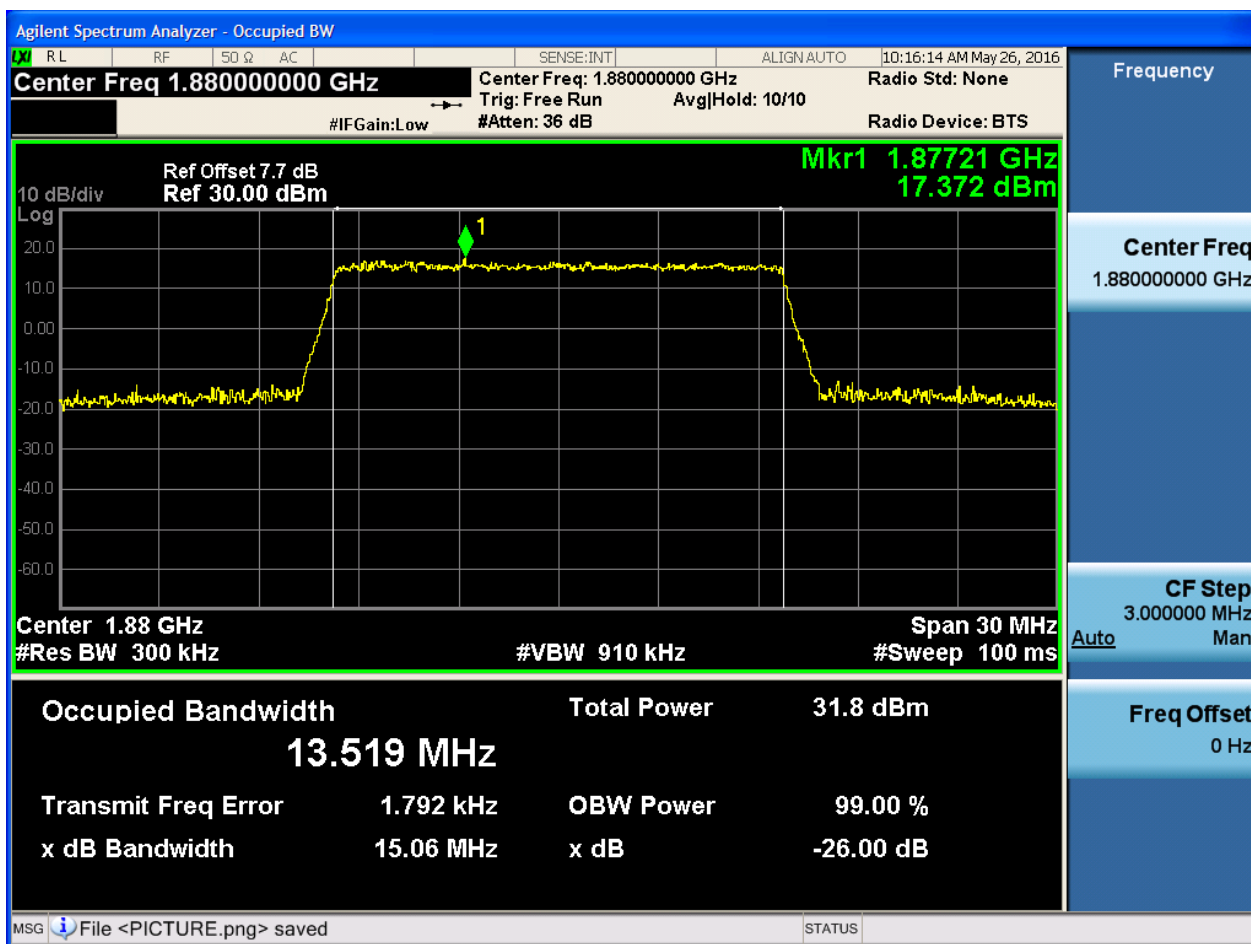
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

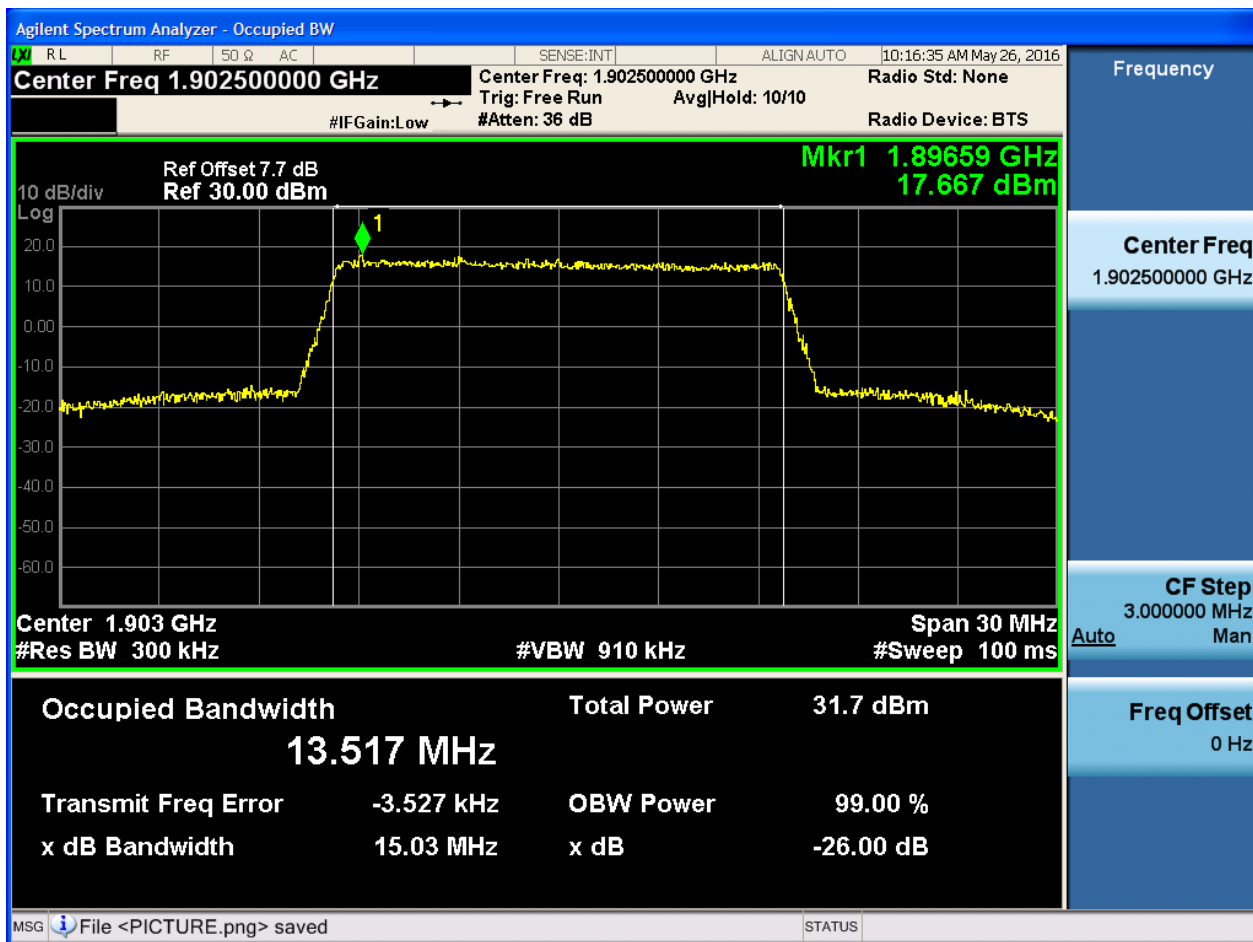
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

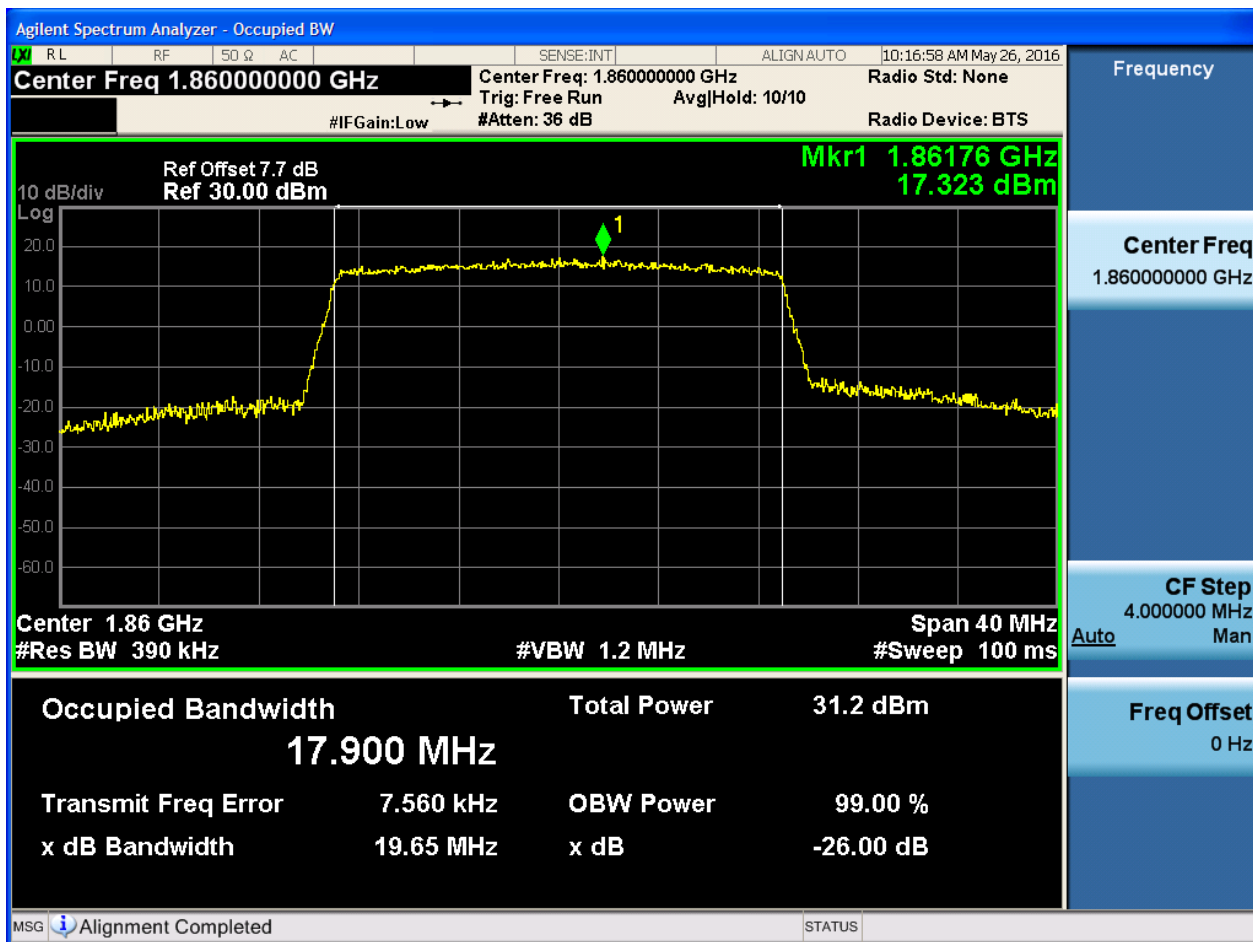




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

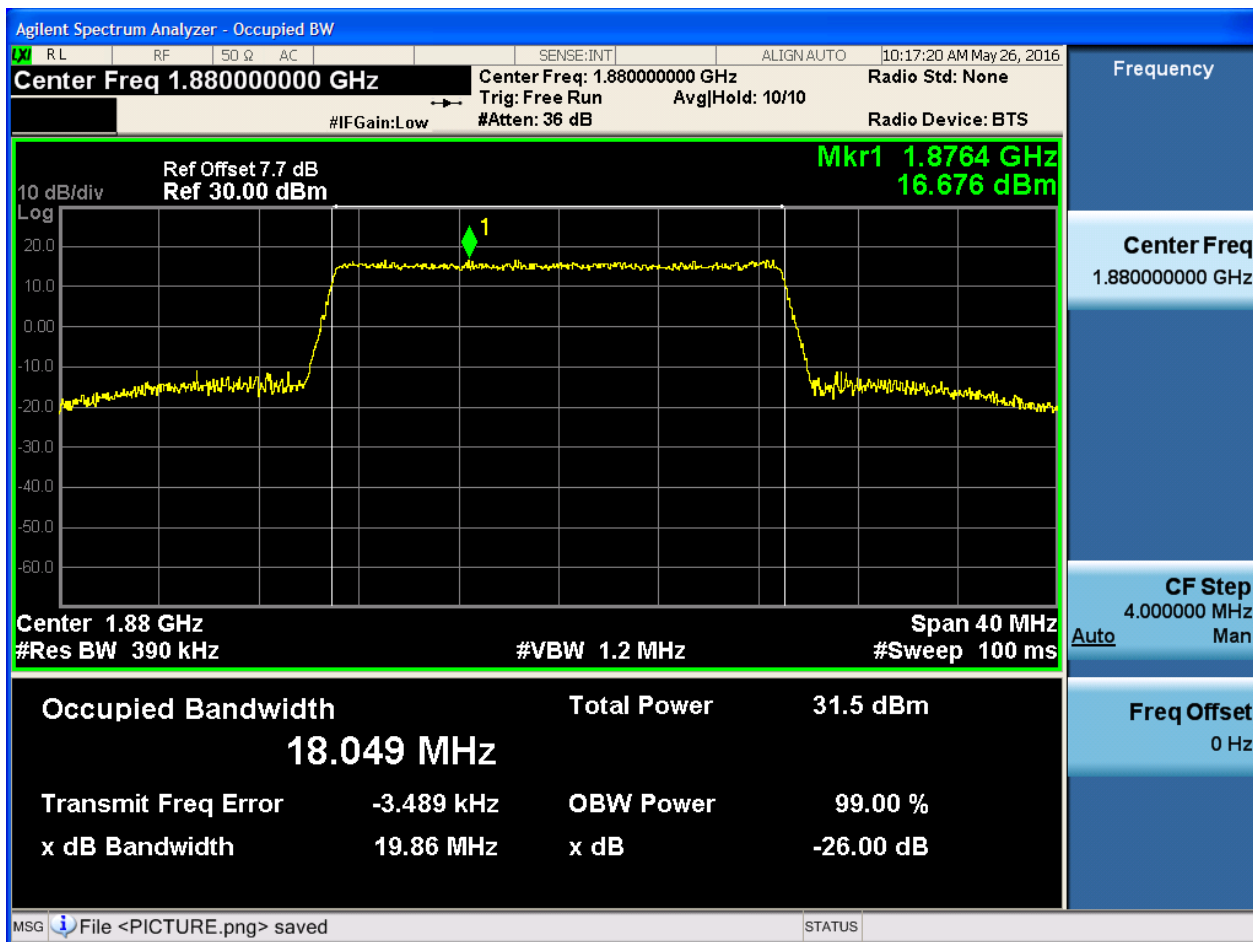
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

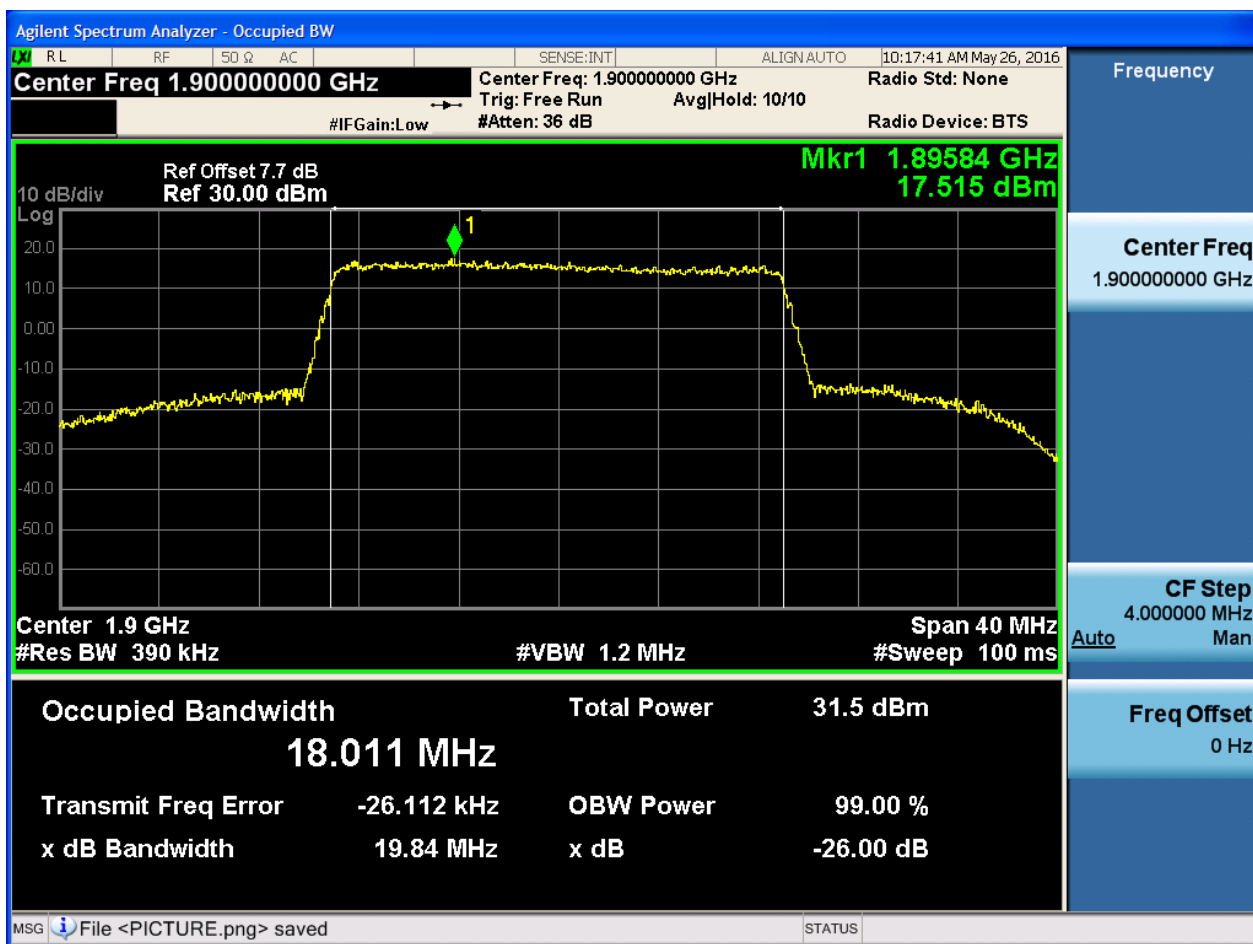
4.1.1.2.6.2.1 Test RB = RB100#0





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

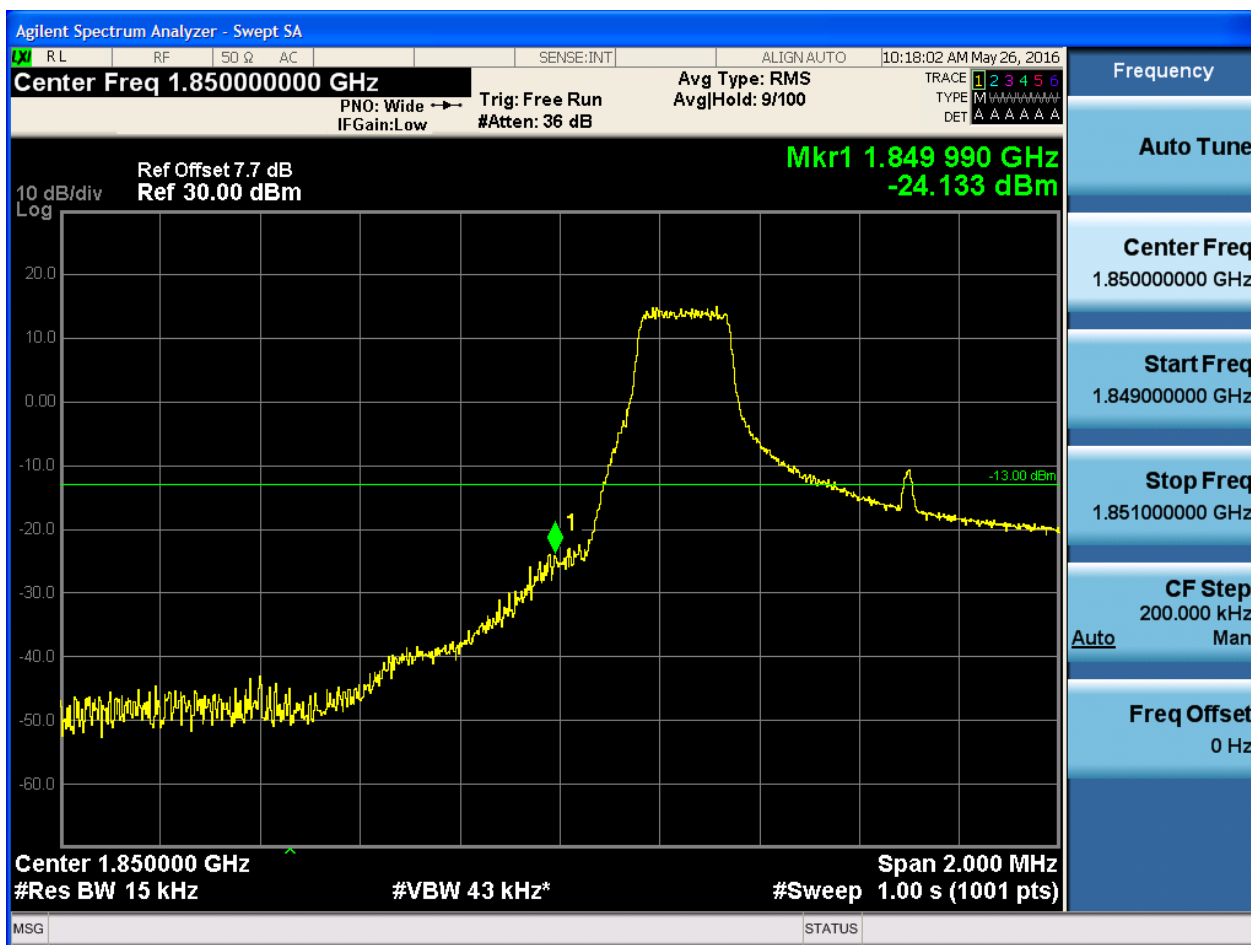
5.1.1 Test Band = BAND2

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



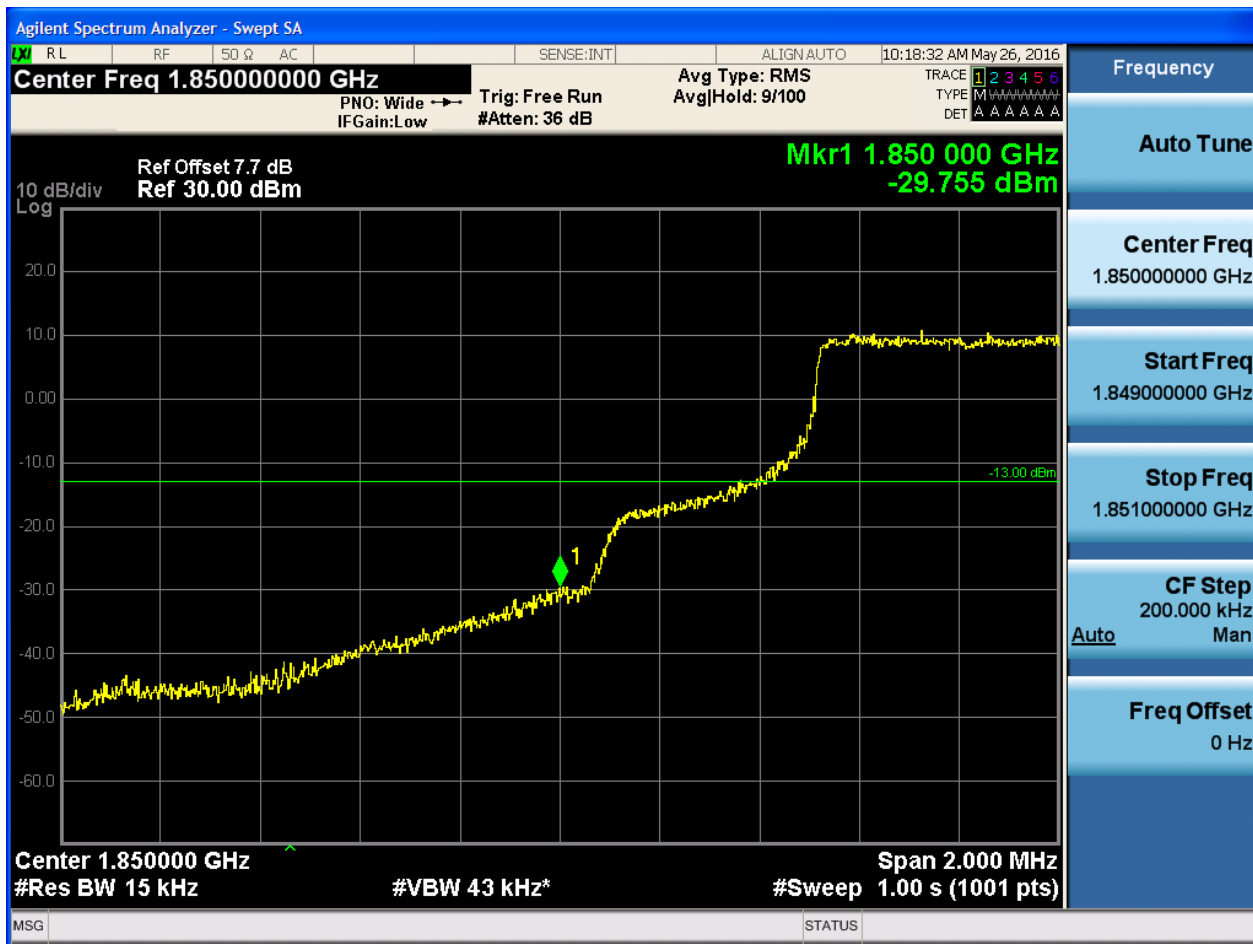


5.1.1.1.1.2 Test RB = RB1#5



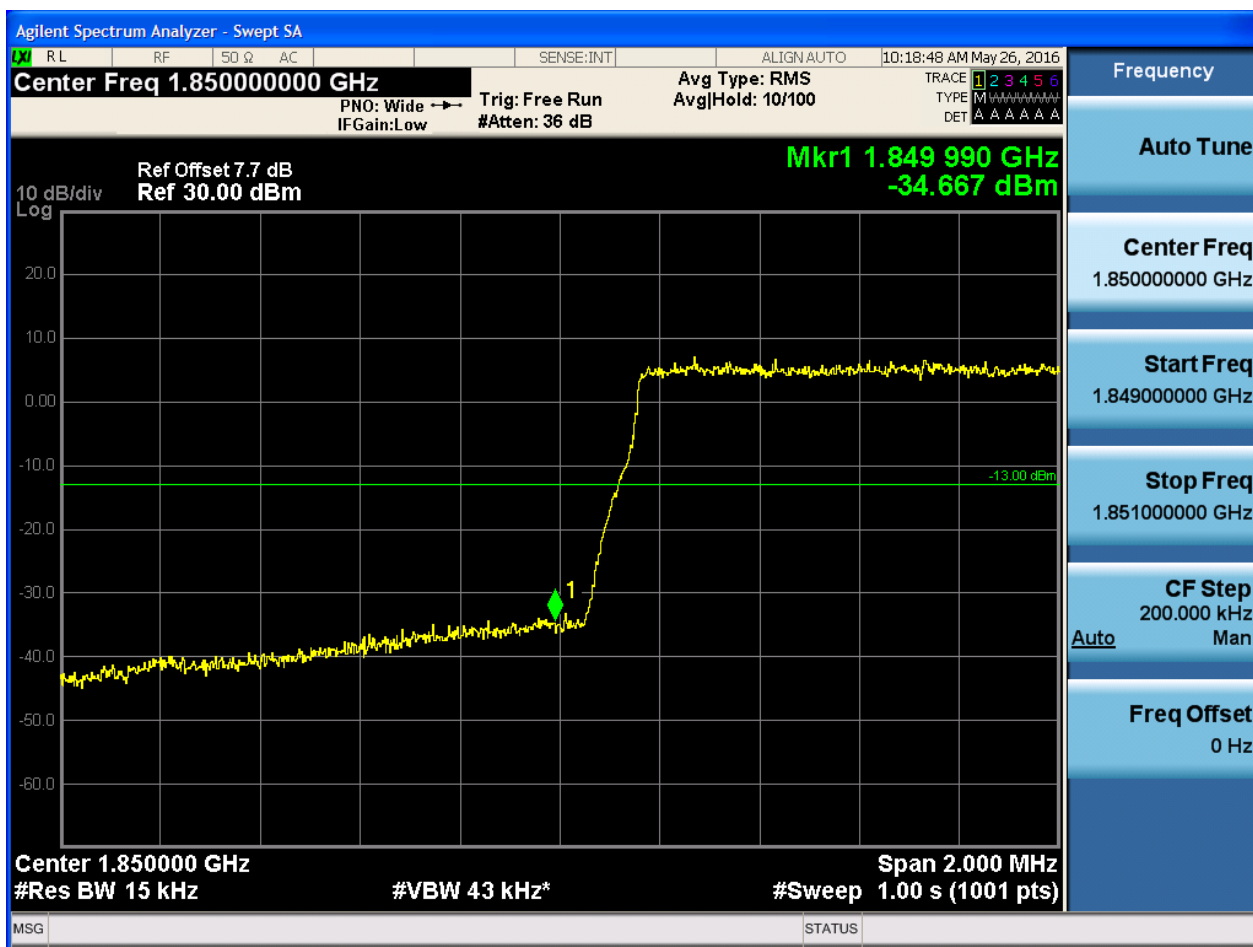


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





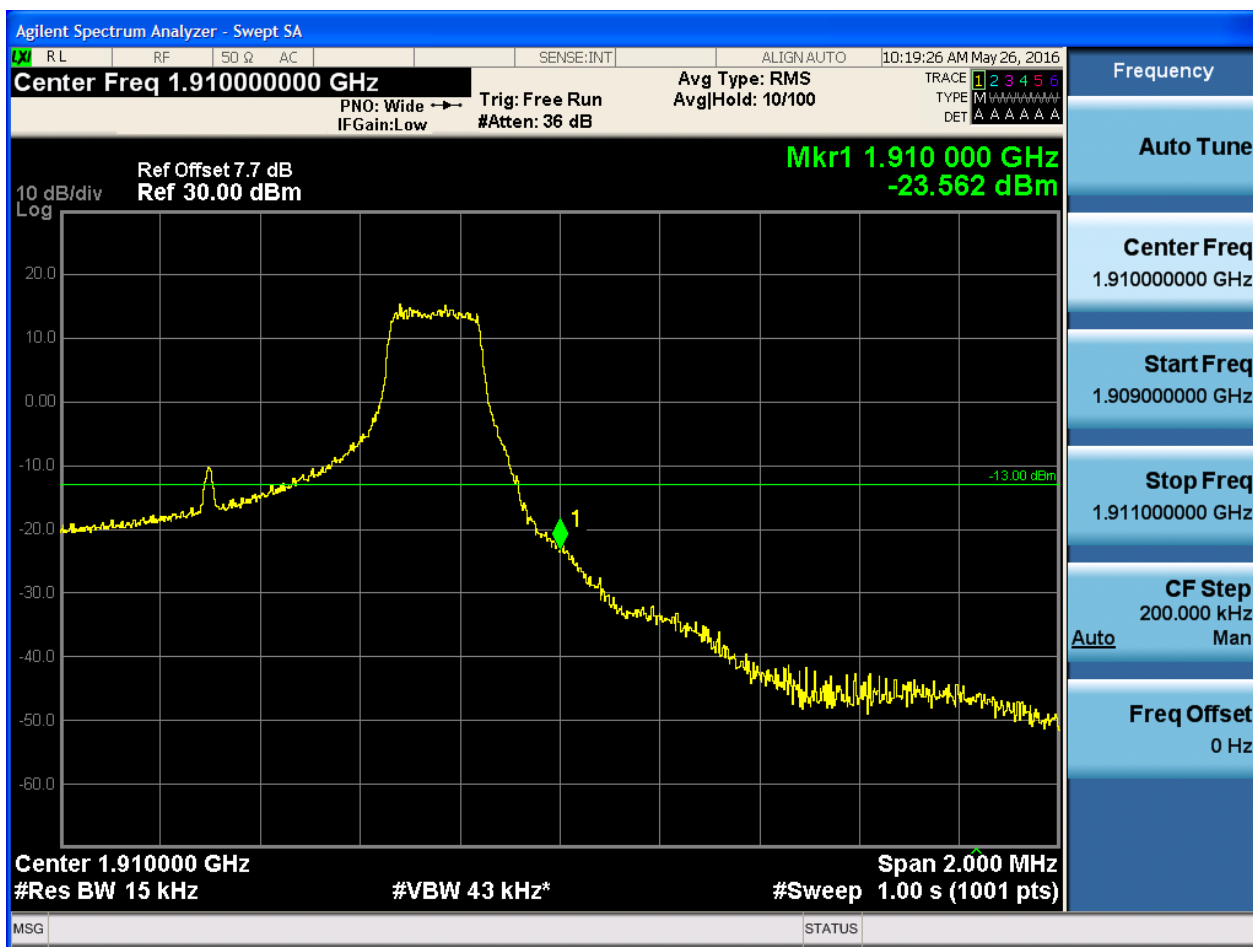
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

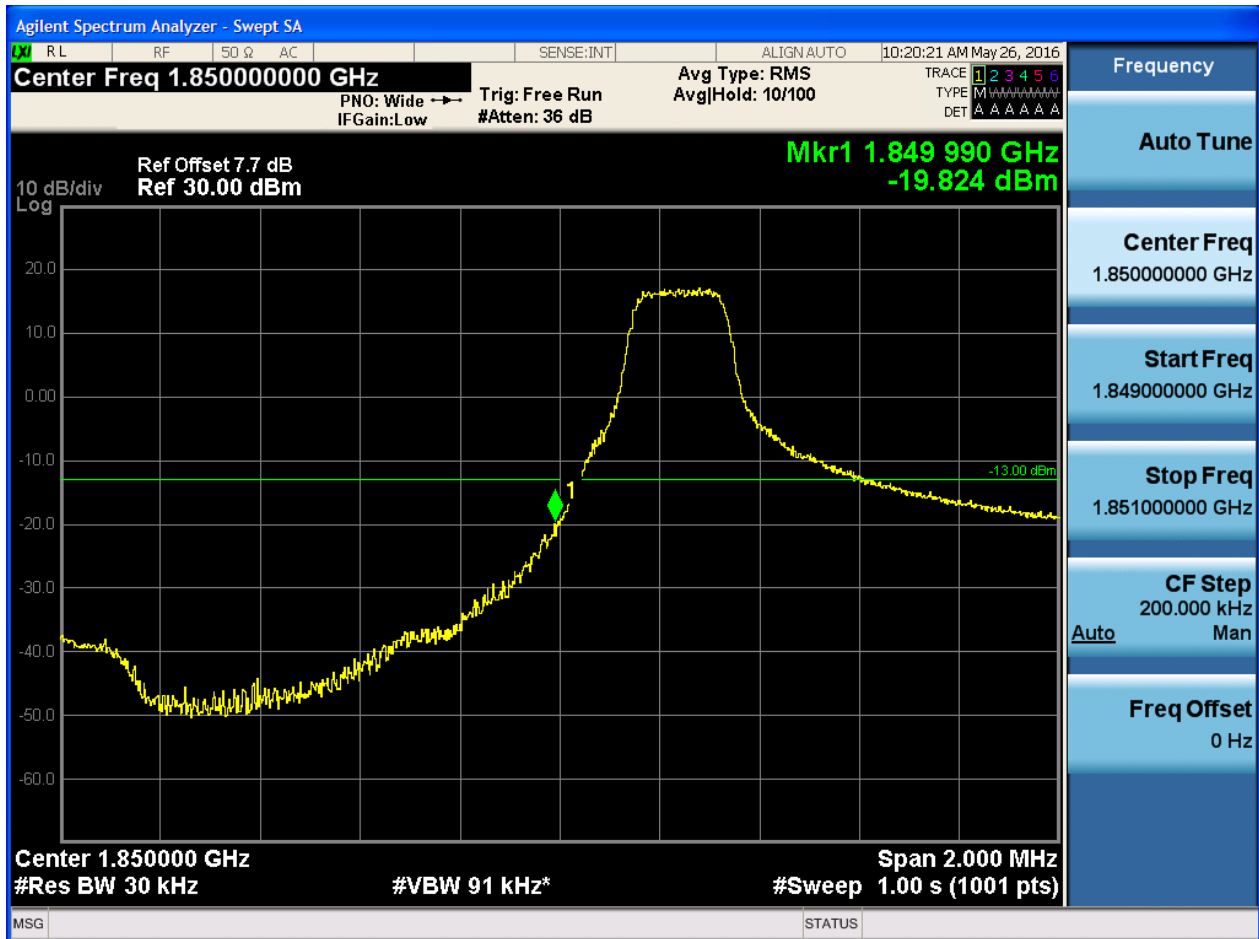




5.1.1.1.2 Test Bandwidth = 3

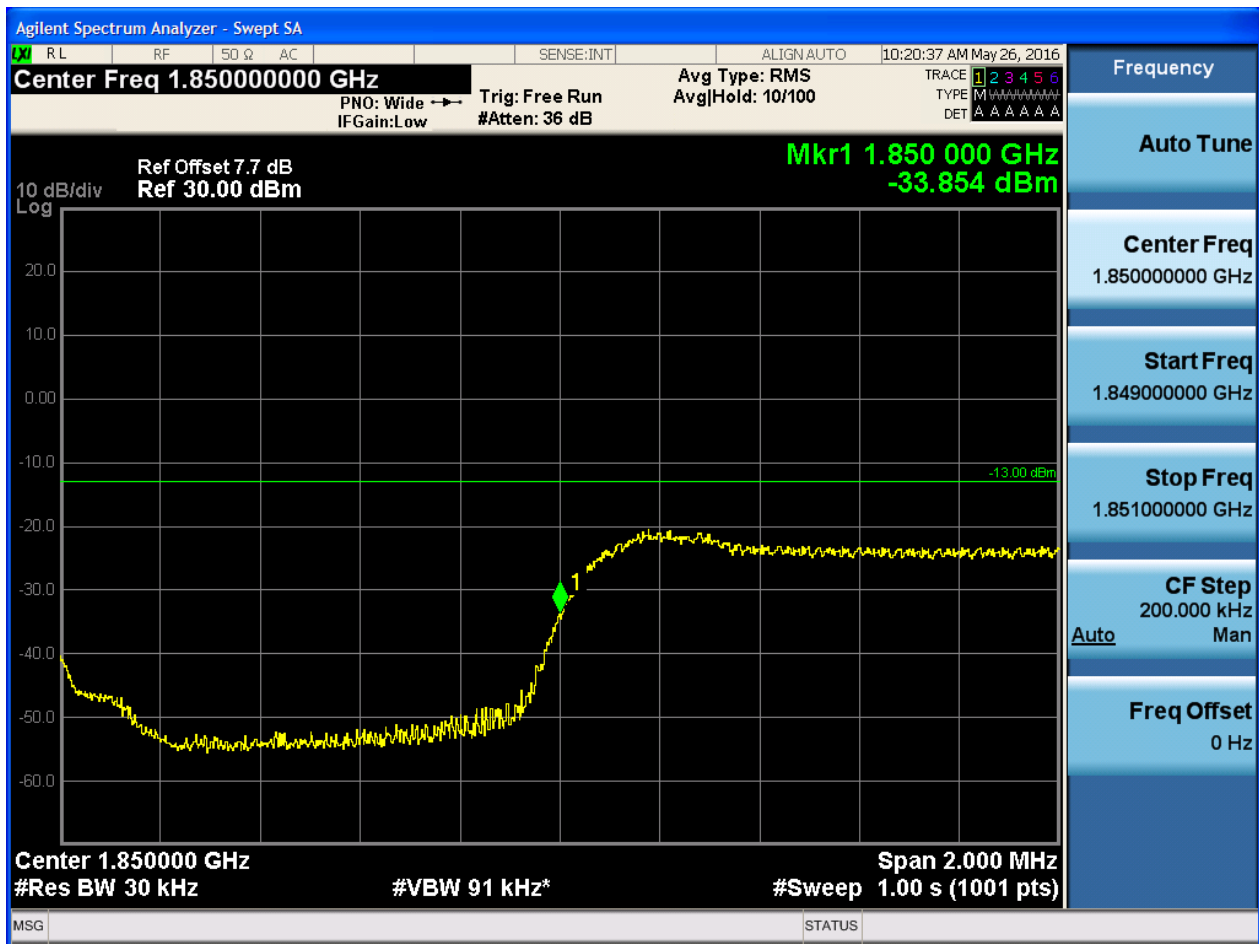
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



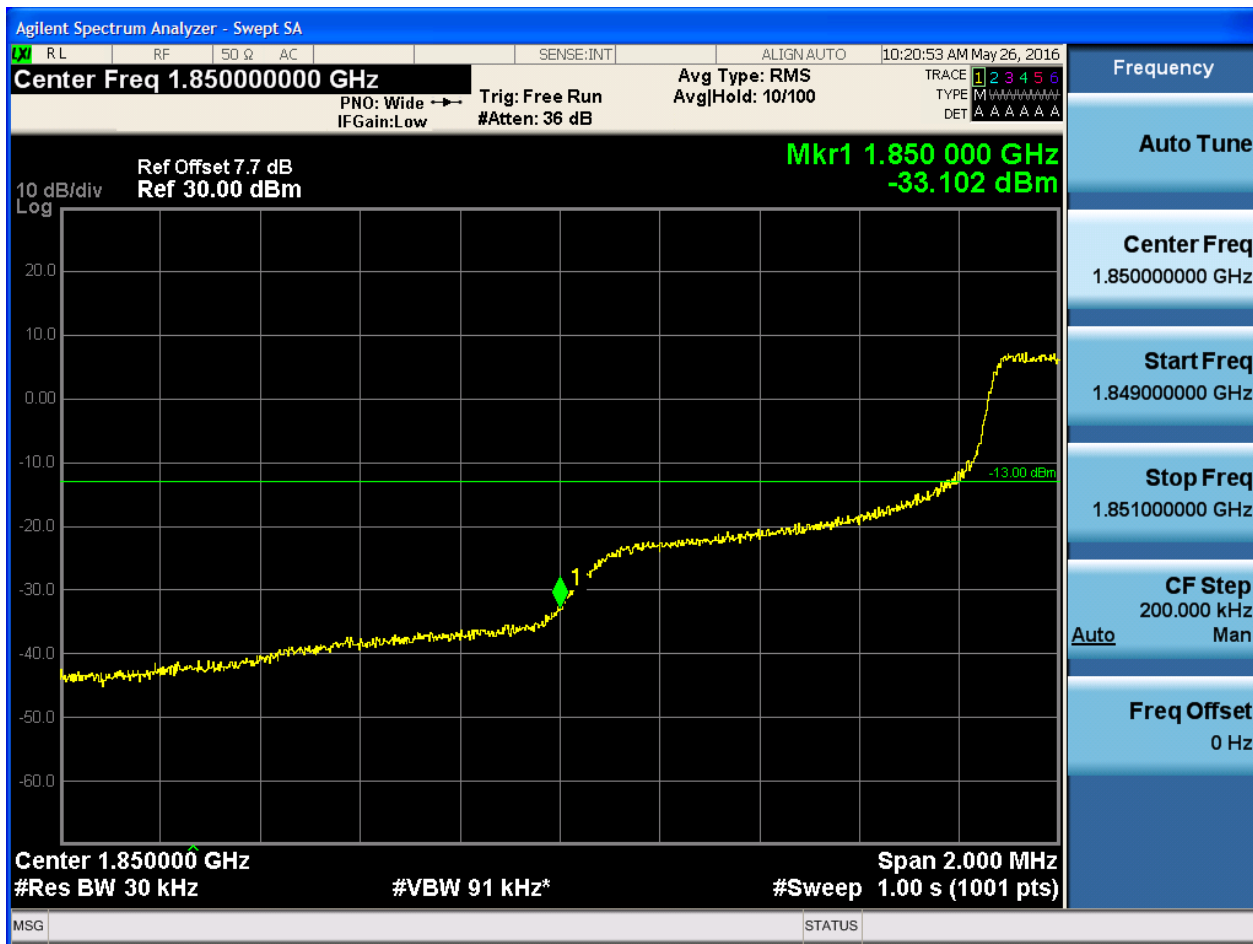


5.1.1.1.2.1.2 Test RB = RB1#14



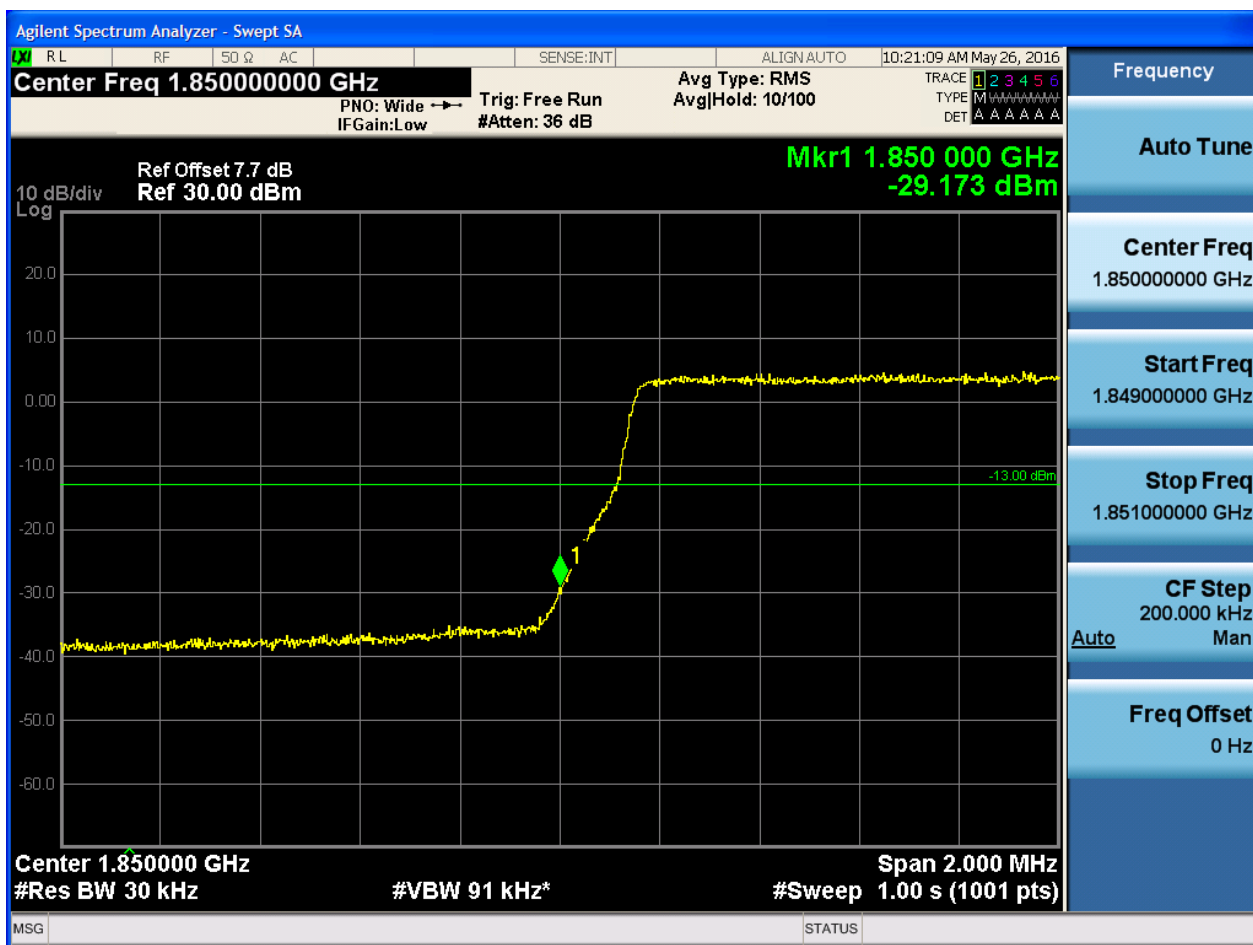


5.1.1.1.2.1.3 Test RB = RB8#4





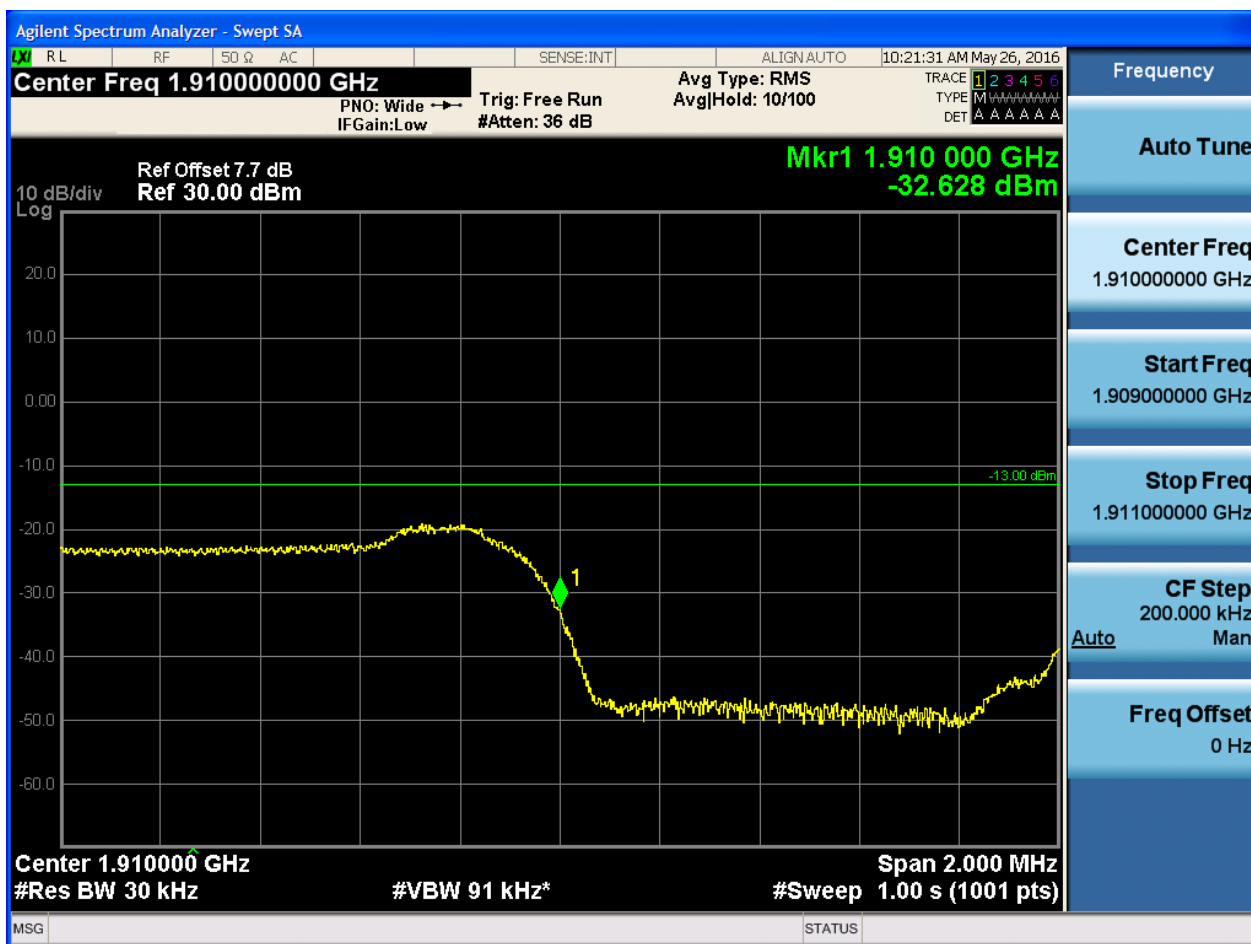
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 010 GHz
-17.354 dBm

Center 1.910000 GHz
#Res BW 30 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.91000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



5.1.1.1.2.2.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 010 GHz
-31.303 dBm

Center 1.910000 GHz
#Res BW 30 kHz
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.91000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

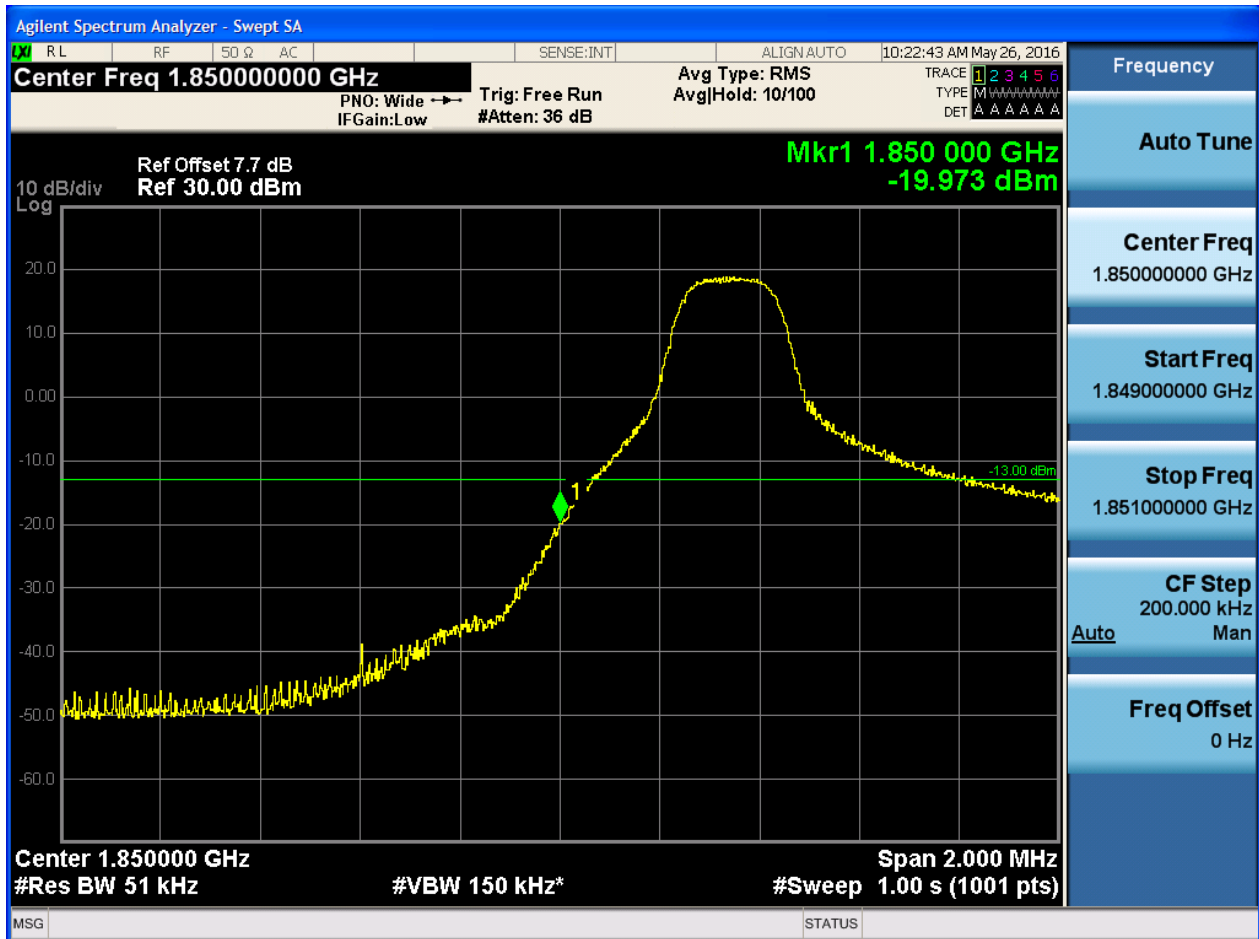
The screenshot displays a spectrum analyzer interface. The main plot area shows a yellow trace representing the signal spectrum. The trace starts at a level of approximately 5 dBm, remains relatively flat until about 1.90995 GHz, then drops sharply to a level of approximately -31 dBm at 1.91001 GHz, where a green diamond marker labeled '1' is placed. The trace then remains flat at this lower level until the end of the span. A green horizontal line is drawn across the plot at -13.00 dBm. The plot area is overlaid with a grid. The x-axis represents frequency, and the y-axis represents power in dBm. The top of the screen shows various settings and parameters, including the center frequency, reference levels, and measurement statistics. The right side of the screen features a vertical panel with buttons for 'Auto Tune', 'Center Freq', 'Start Freq', 'Stop Freq', 'CF Step', and 'Freq Offset'.



5.1.1.1.3 Test Bandwidth = 5

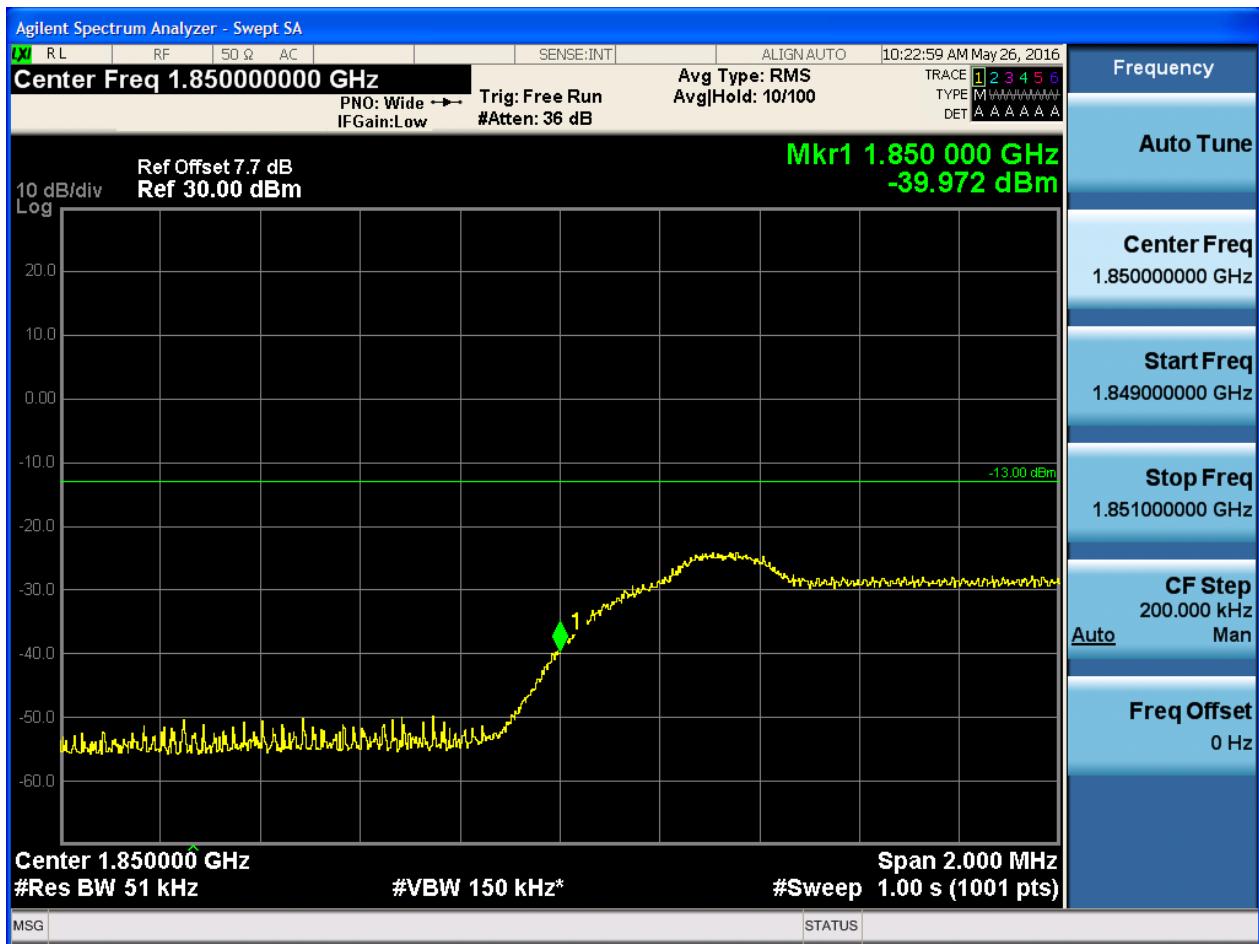
5.1.1.1.3.1 Test Channel = LCH

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





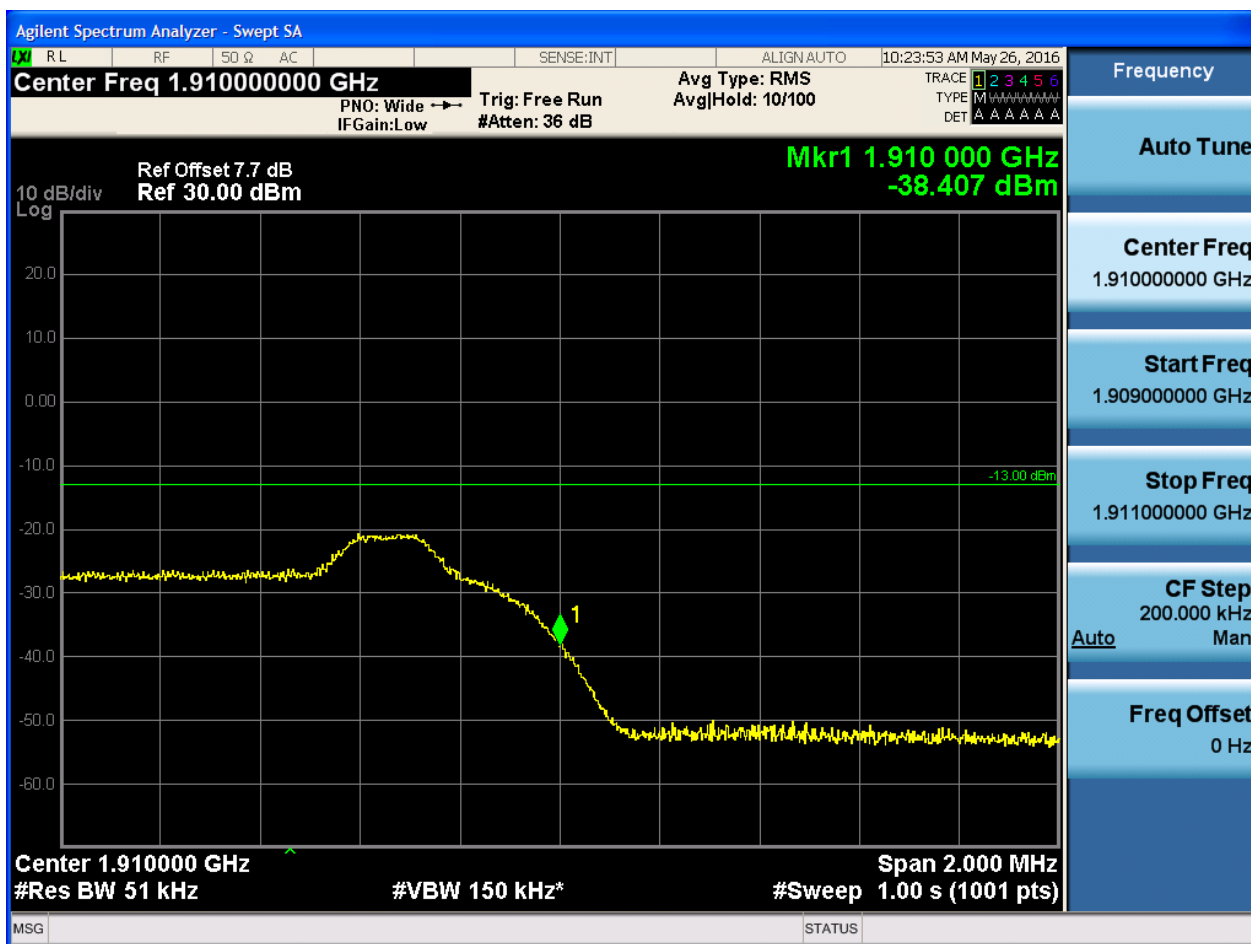
5.1.1.1.3.1.4 Test RB = RB25#0





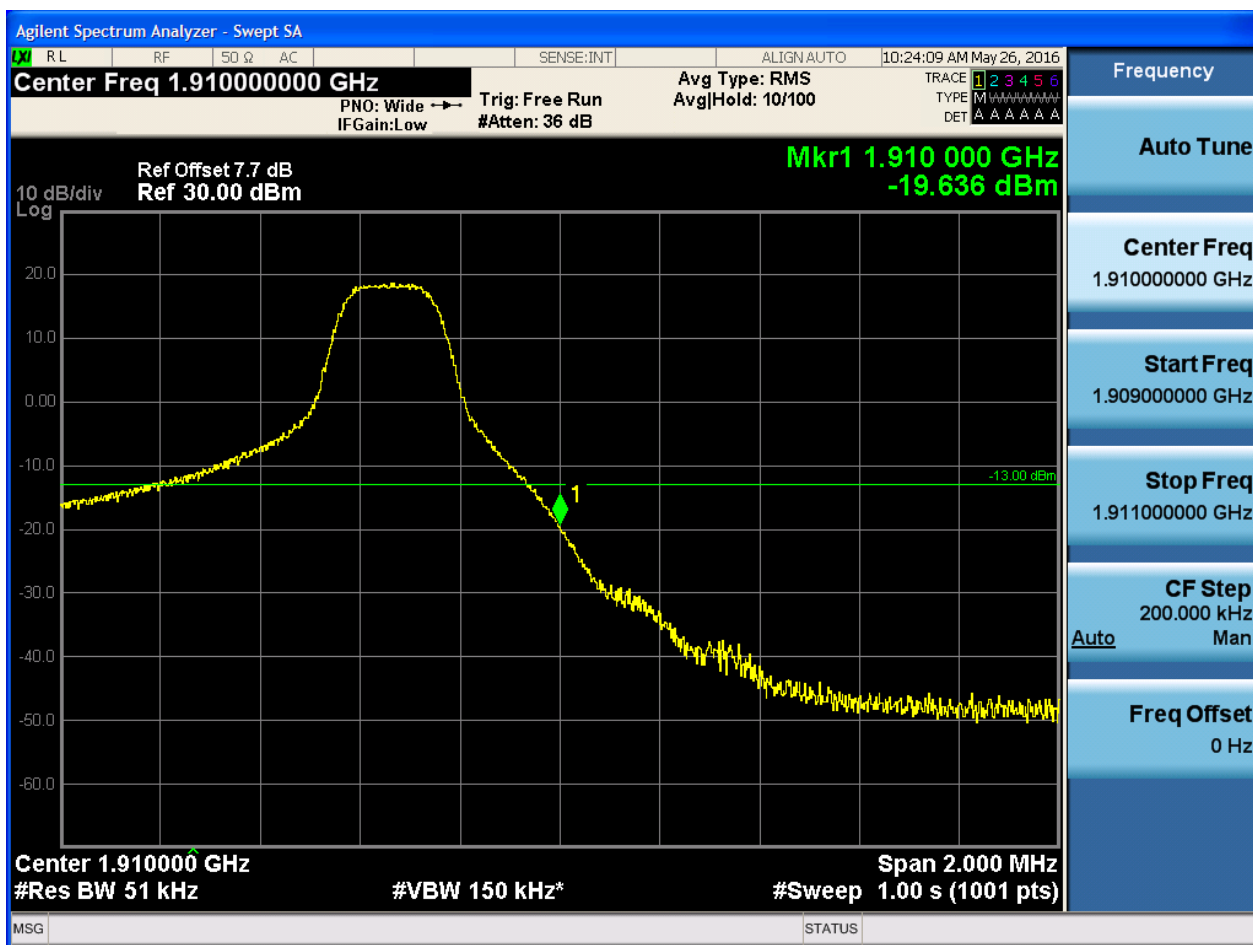
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

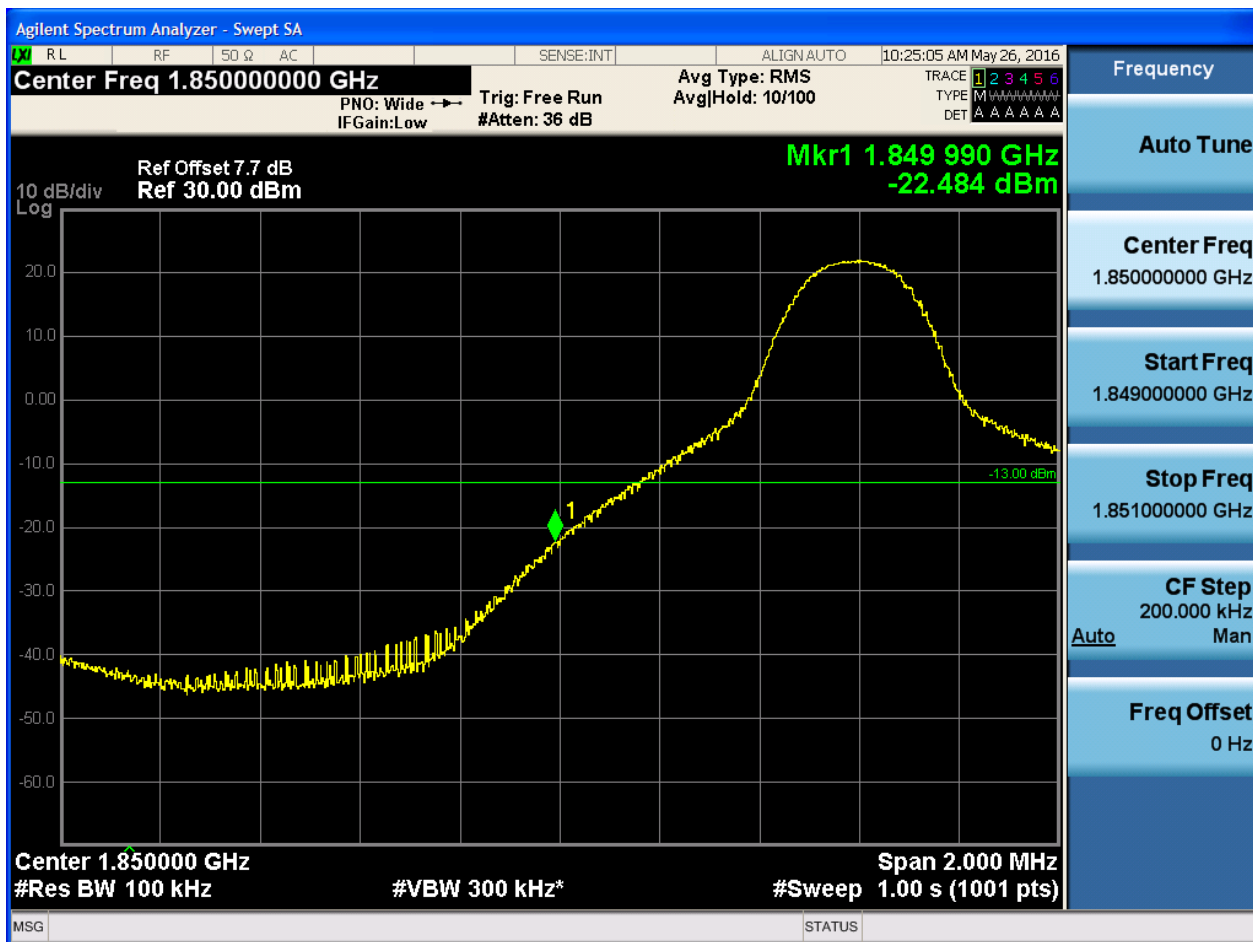




5.1.1.1.4 Test Bandwidth = 10

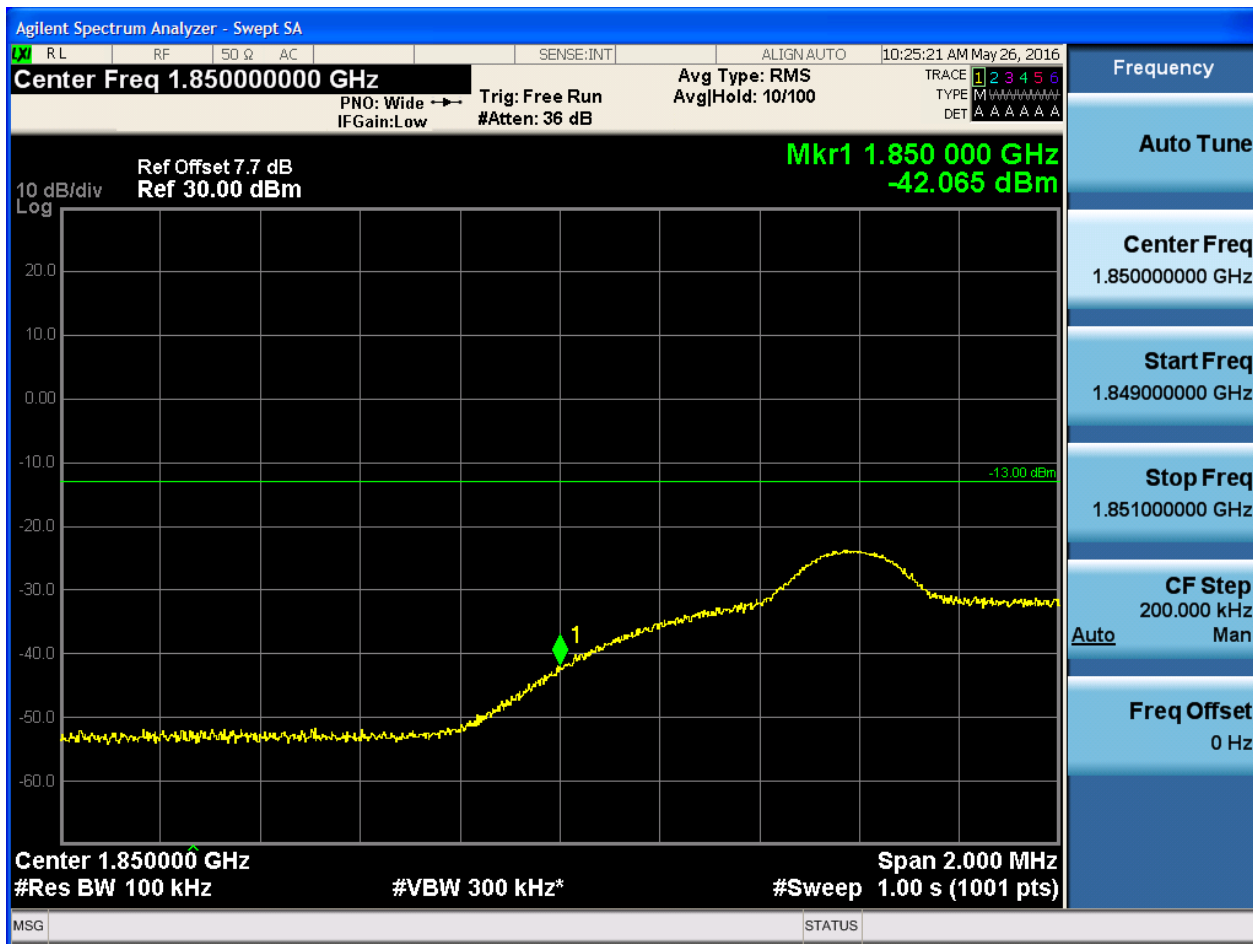
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



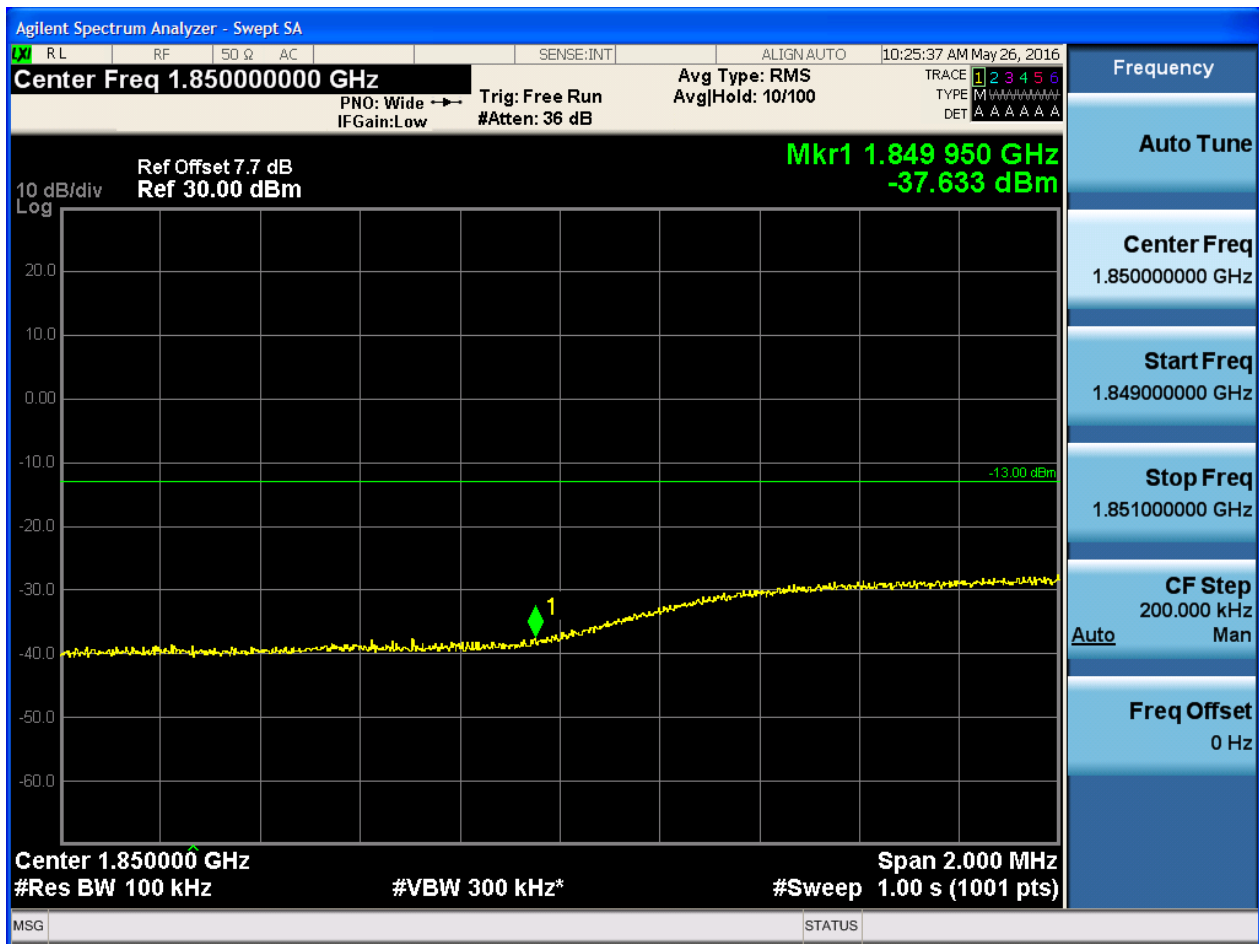


5.1.1.1.4.1.2 Test RB = RB1#49



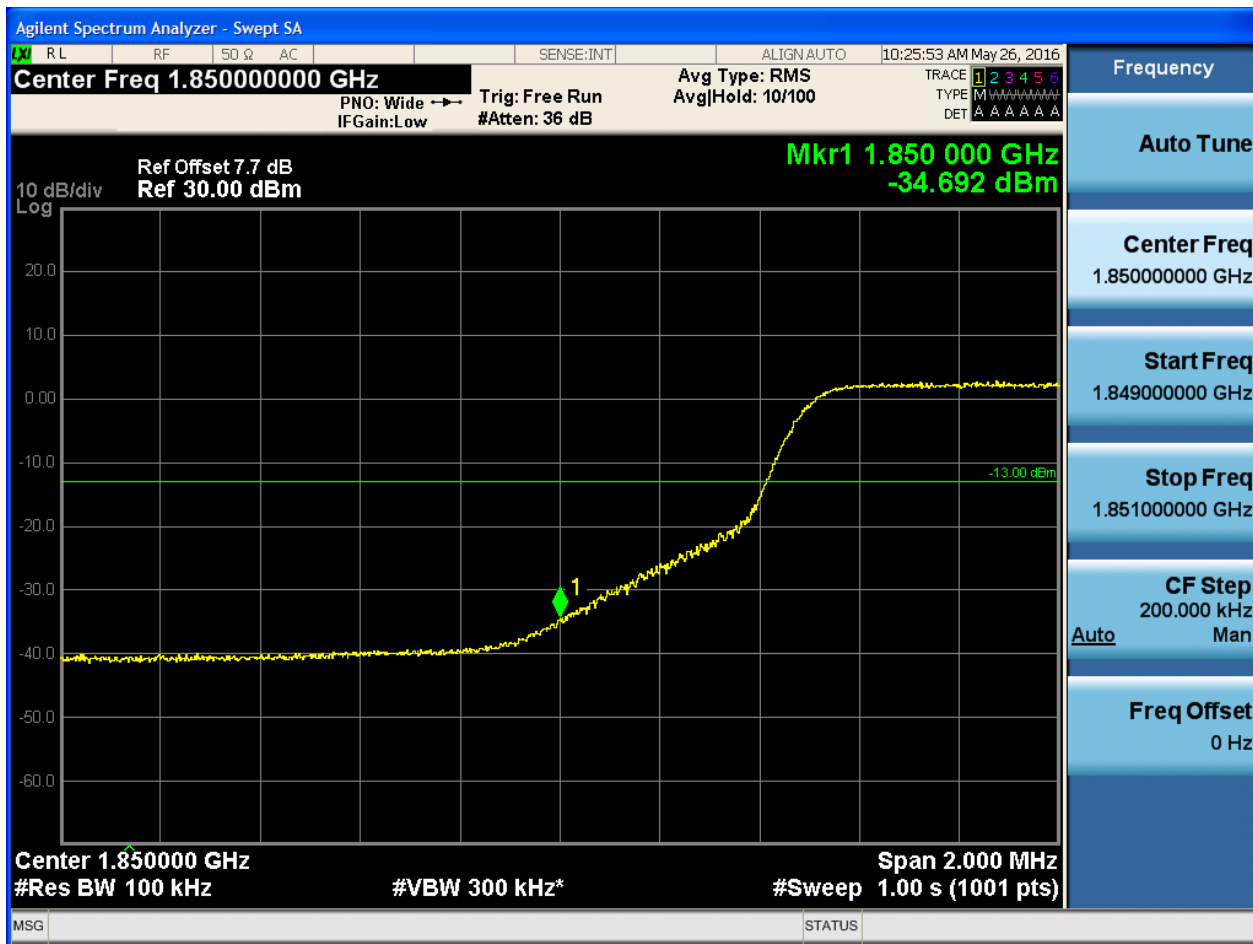


5.1.1.1.4.1.3 Test RB = RB25#13





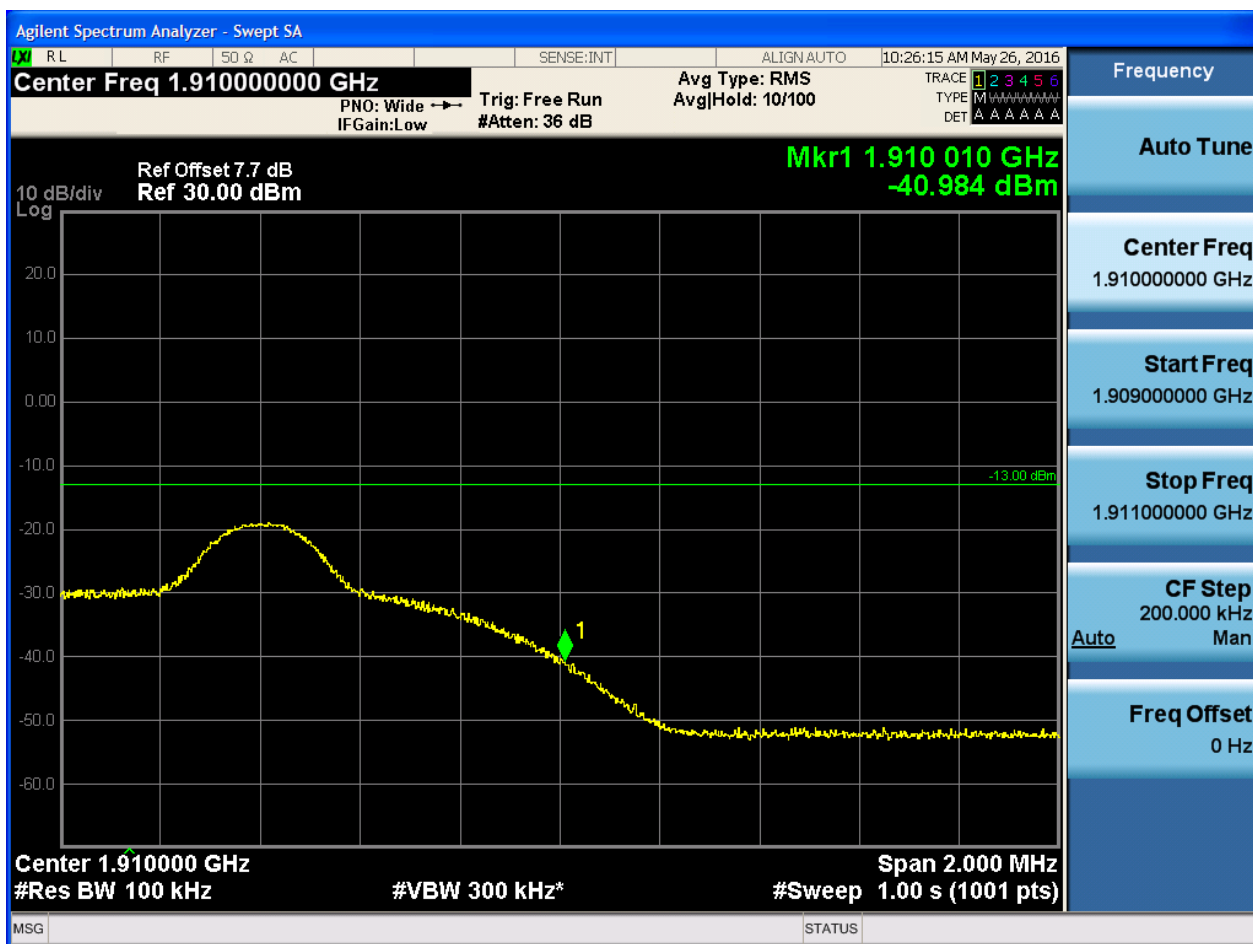
5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

Mkr1 1.910 000 GHz
-21.945 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 100 kHz

#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.00 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
Man
Freq Offset
0 Hz

MSG



5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

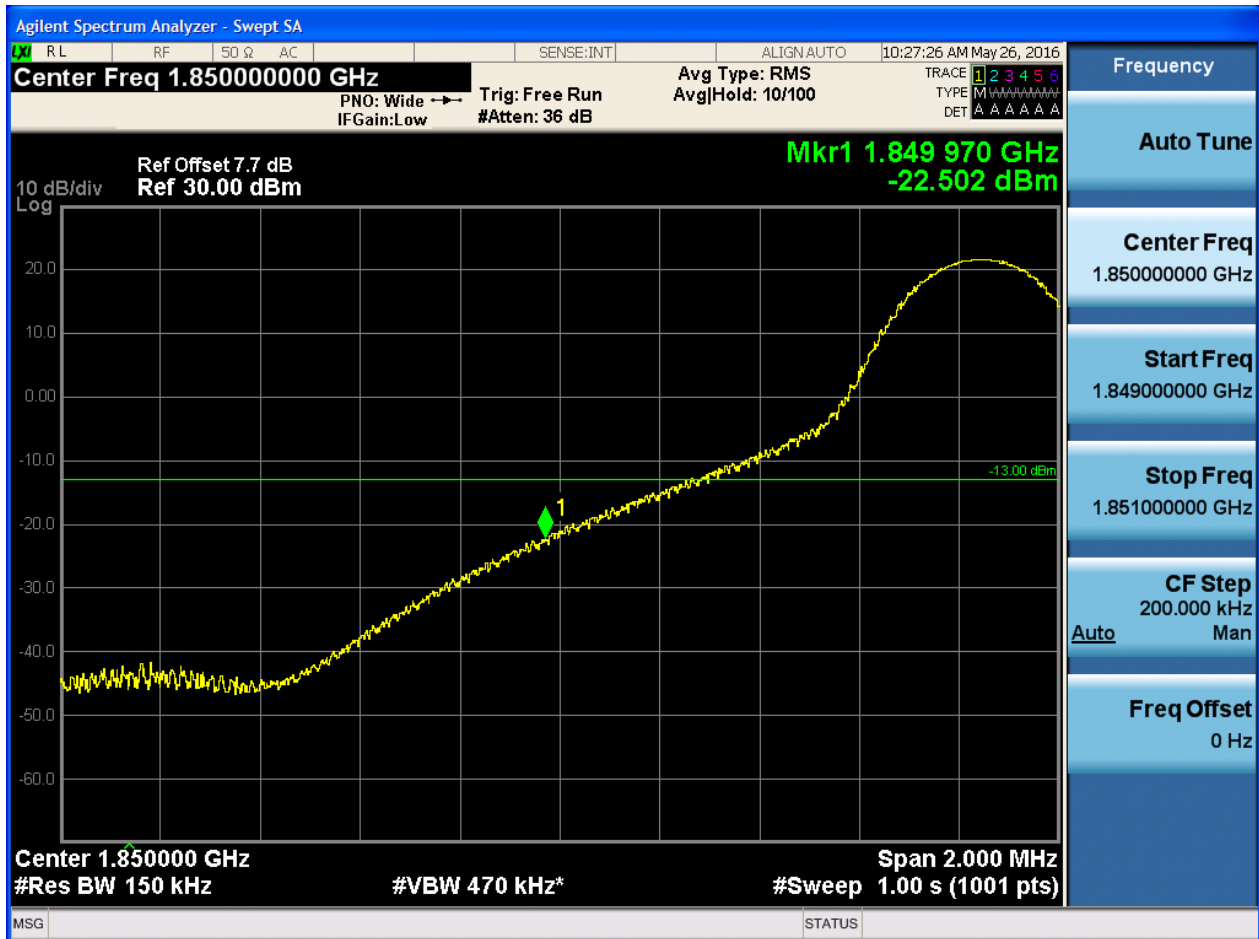




5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



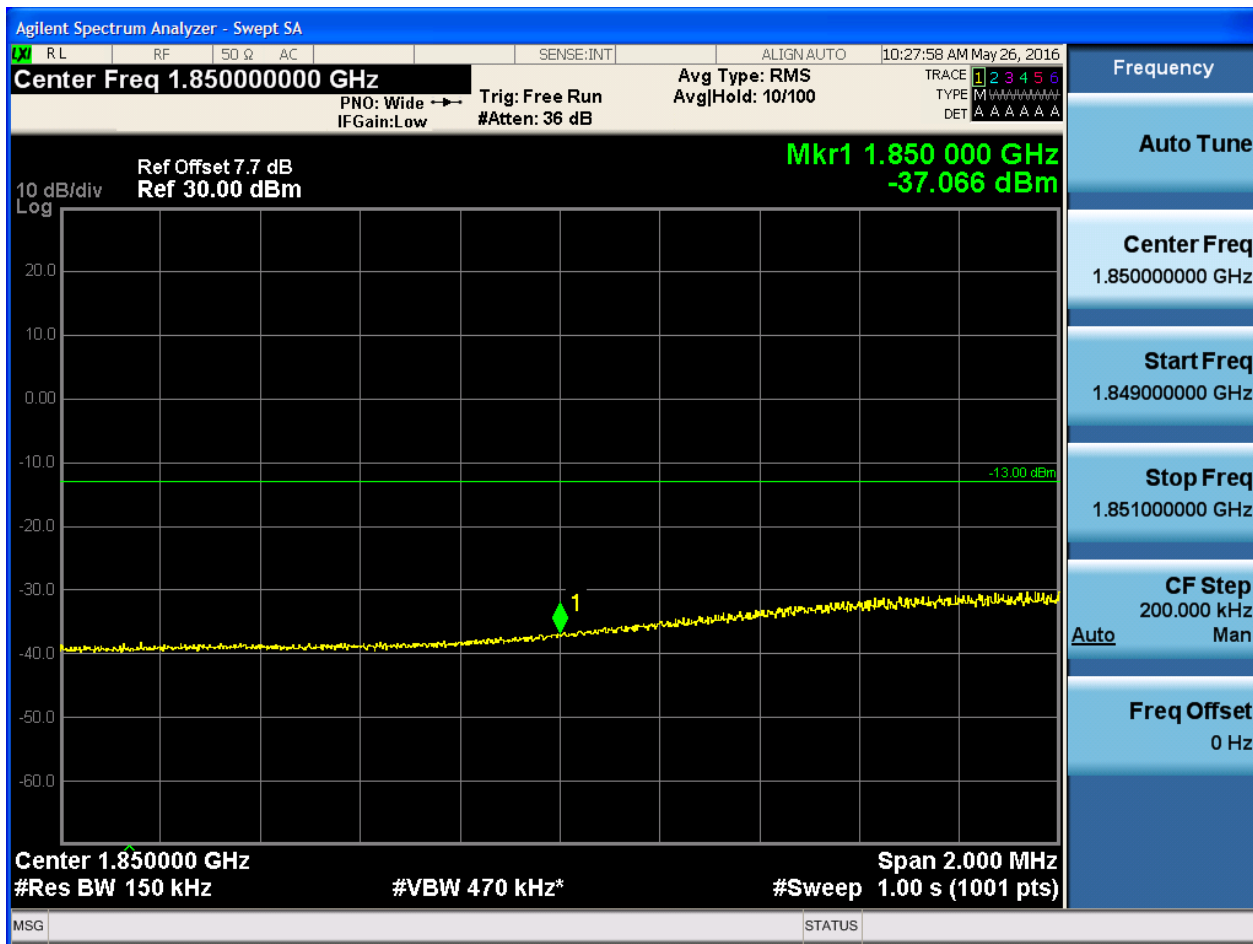


5.1.1.1.5.1.2 Test RB = RB1#74



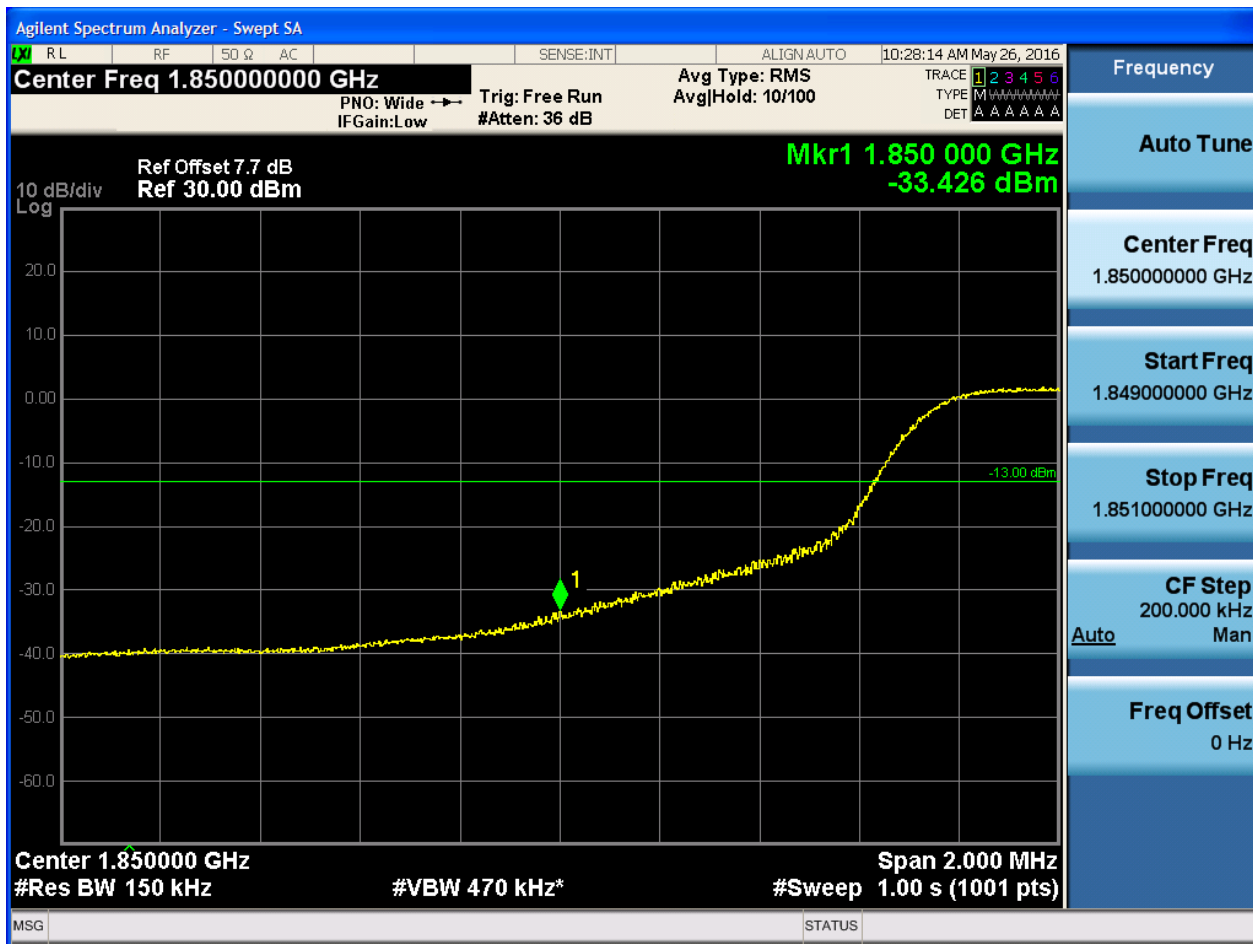


5.1.1.1.5.1.3 Test RB = RB38#19





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



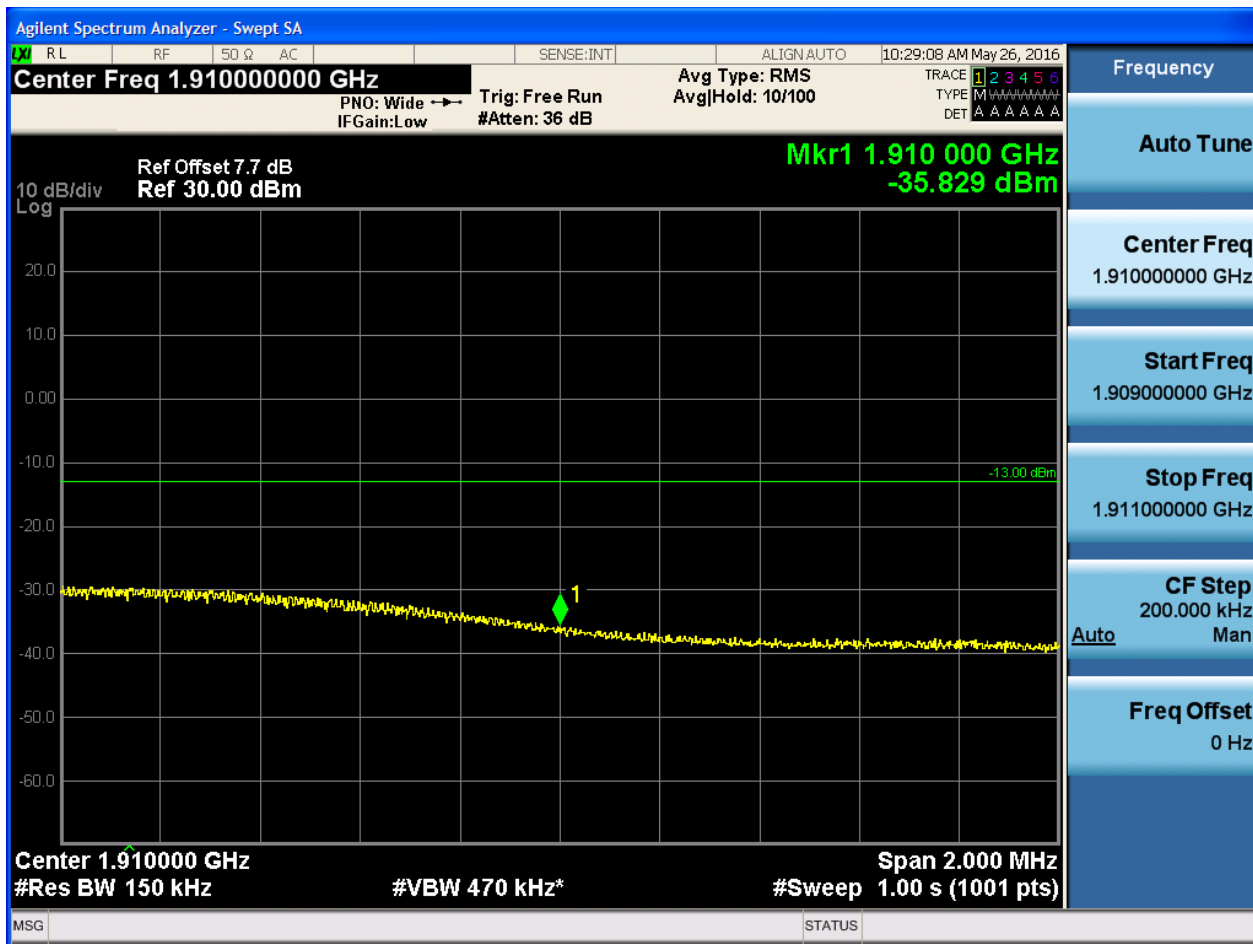


5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

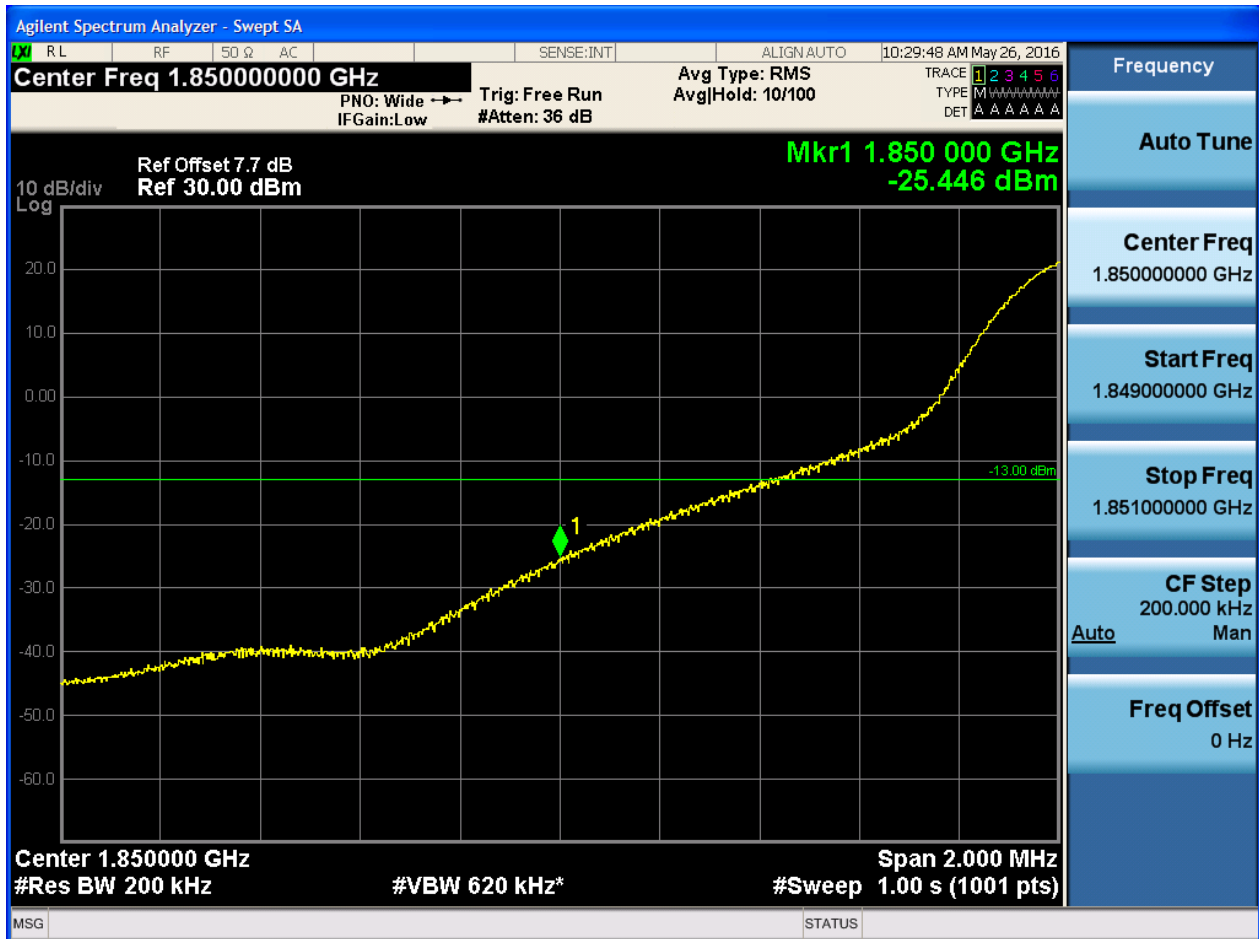




5.1.1.1.6 Test Bandwidth = 20

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

