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	22.21	23.48	33	PASS
				RB1#3	22.27	23.49	33	PASS
				RB1#5	22.19	23.68	33	PASS
				RB3#0	22.24	23.55	33	PASS
				RB3#2	22.27	23.37	33	PASS
				RB3#3	22.23	23.61	33	PASS
				RB6#0	21.28	22.52	33	PASS
			MCH	RB1#0	22.47	23.73	33	PASS
				RB1#3	22.48	23.63	33	PASS
				RB1#5	22.41	23.56	33	PASS
				RB3#0	22.46	23.65	33	PASS
				RB3#2	22.45	23.74	33	PASS
				RB3#3	22.39	23.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.48	22.79	33	PASS
			HCH	RB1#0	22.24	23.55	33	PASS
				RB1#3	22.16	23.57	33	PASS
				RB1#5	21.96	23.45	33	PASS
				RB3#0	22.15	23.32	33	PASS
				RB3#2	22.04	23.41	33	PASS
				RB3#3	21.95	23.38	33	PASS
				RB6#0	21.25	22.52	33	PASS
		3	LCH	RB1#0	22.08	23.35	33	PASS
				RB1#7	22.4	23.69	33	PASS
				RB1#14	22.13	23.39	33	PASS
				RB8#0	21.26	22.66	33	PASS
				RB8#4	21.29	22.43	33	PASS
				RB8#7	21.25	22.73	33	PASS
				RB15#0	21.28	22.40	33	PASS
			MCH	RB1#0	22.4	23.56	33	PASS
				RB1#7	22.56	23.74	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.23	23.34	33	PASS
				RB8#0	21.5	22.93	33	PASS
				RB8#4	21.49	22.79	33	PASS
				RB8#7	21.41	22.61	33	PASS
				RB15#0	21.45	22.84	33	PASS
			HCH	RB1#0	22.33	23.81	33	PASS
				RB1#7	22.32	23.46	33	PASS
				RB1#14	21.8	23.01	33	PASS
				RB8#0	21.41	22.52	33	PASS
				RB8#4	21.31	22.58	33	PASS
				RB8#7	21.21	22.31	33	PASS
				RB15#0	21.28	22.77	33	PASS
		5	LCH	RB1#0	22.53	23.99	33	PASS
				RB1#13	22.91	24.07	33	PASS
				RB1#24	22.5	23.97	33	PASS
				RB12#0	21.88	23.10	33	PASS
				RB12#6	21.97	23.40	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.77	22.88	33	PASS
				RB25#0	21.85	23.19	33	PASS
			MCH	RB1#0	22.9	24.09	33	PASS
				RB1#13	23.05	24.29	33	PASS
				RB1#24	22.54	23.86	33	PASS
				RB12#0	22.07	23.20	33	PASS
				RB12#6	22.05	23.42	33	PASS
				RB12#13	21.83	23.09	33	PASS
				RB25#0	21.92	23.21	33	PASS
			HCH	RB1#0	22.82	24.01	33	PASS
				RB1#13	22.84	24.09	33	PASS
				RB1#24	22.08	23.28	33	PASS
				RB12#0	22.03	23.36	33	PASS
				RB12#6	21.98	23.33	33	PASS
				RB12#13	21.65	23.13	33	PASS
				RB25#0	21.82	22.96	33	PASS
		10	LCH	RB1#0	22.43	23.78	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.85	23.98	33	PASS
				RB1#49	22.36	23.63	33	PASS
				RB25#0	21.83	23.14	33	PASS
				RB25#13	21.88	23.11	33	PASS
				RB25#25	21.73	22.85	33	PASS
				RB50#0	21.78	23.16	33	PASS
				RB1#0	22.81	24.00	33	PASS
				RB1#25	22.99	24.11	33	PASS
				RB1#49	22.39	23.79	33	PASS
			MCH	RB25#0	22	23.36	33	PASS
				RB25#13	21.93	23.19	33	PASS
				RB25#25	21.76	23.15	33	PASS
				RB50#0	21.82	23.08	33	PASS
				RB1#0	22.75	24.08	33	PASS
				RB1#25	23.08	24.48	33	PASS
			HCH	RB1#49	22.18	23.39	33	PASS
				RB25#0	22.06	23.21	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	22.02	23.25	33	PASS
				RB25#25	21.78	23.16	33	PASS
				RB50#0	21.84	23.01	33	PASS
		15	LCH	RB1#0	22.26	23.72	33	PASS
				RB1#38	22.79	24.25	33	PASS
				RB1#74	22.02	23.28	33	PASS
				RB38#0	21.75	23.22	33	PASS
				RB38#19	21.81	23.13	33	PASS
				RB38#39	21.51	22.68	33	PASS
				RB75#0	21.63	23.01	33	PASS
			MCH	RB1#0	22.53	23.74	33	PASS
				RB1#38	23.02	24.21	33	PASS
				RB1#74	22.13	23.47	33	PASS
				RB38#0	21.9	23.03	33	PASS
				RB38#19	21.96	23.16	33	PASS
				RB38#39	21.65	22.91	33	PASS
				RB75#0	21.79	23.12	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.32	23.75	33	PASS
				RB1#38	23.06	24.22	33	PASS
				RB1#74	21.9	23.16	33	PASS
				RB38#0	21.84	23.21	33	PASS
				RB38#19	22.06	23.18	33	PASS
				RB38#39	21.69	23.00	33	PASS
				RB75#0	21.74	22.93	33	PASS
		20	LCH	RB1#0	22.25	23.67	33	PASS
				RB1#50	22.42	23.66	33	PASS
				RB1#99	22.07	23.19	33	PASS
				RB50#0	21.21	22.34	33	PASS
				RB50#25	21.29	22.76	33	PASS
				RB50#50	21.08	22.55	33	PASS
				RB100#0	21.14	22.60	33	PASS
			MCH	RB1#0	22.37	23.74	33	PASS
				RB1#50	22.56	23.94	33	PASS
				RB1#99	21.97	23.21	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.25	22.39	33	PASS
				RB50#25	21.43	22.72	33	PASS
				RB50#50	21.12	22.35	33	PASS
				RB100#0	21.24	22.67	33	PASS
			HCH	RB1#0	22.23	23.59	33	PASS
				RB1#50	22.52	23.88	33	PASS
				RB1#99	21.82	23.16	33	PASS
				RB50#0	21.17	22.66	33	PASS
				RB50#25	21.41	22.74	33	PASS
				RB50#50	21.02	22.12	33	PASS
				RB100#0	21.14	22.46	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.13	22.29	33	PASS
				RB1#3	21.2	22.54	33	PASS
				RB1#5	21.1	22.34	33	PASS
				RB3#0	21.3	22.78	33	PASS
				RB3#2	21.32	22.80	33	PASS
				RB3#3	21.29	22.60	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.21	22.56	33	PASS
			MCH	RB1#0	21.65	23.04	33	PASS
				RB1#3	21.49	22.78	33	PASS
				RB1#5	21.55	22.87	33	PASS
				RB3#0	21.46	22.85	33	PASS
				RB3#2	21.45	22.94	33	PASS
				RB3#3	21.4	22.67	33	PASS
				RB6#0	21.44	22.79	33	PASS
			HCH	RB1#0	21.24	22.51	33	PASS
				RB1#3	21.18	22.55	33	PASS
				RB1#5	21	22.17	33	PASS
				RB3#0	21.28	22.49	33	PASS
				RB3#2	21.19	22.29	33	PASS
				RB3#3	21.15	22.59	33	PASS
				RB6#0	21.15	22.31	33	PASS
		3	LCH	RB1#0	21.24	22.41	33	PASS
				RB1#7	21.45	22.76	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.25	22.59	33	PASS
				RB8#0	21.22	22.72	33	PASS
				RB8#4	21.25	22.58	33	PASS
				RB8#7	21.22	22.54	33	PASS
				RB15#0	21.2	22.36	33	PASS
			MCH	RB1#0	21.58	23.04	33	PASS
				RB1#7	21.64	23.03	33	PASS
				RB1#14	21.37	22.68	33	PASS
				RB8#0	21.46	22.82	33	PASS
				RB8#4	21.43	22.89	33	PASS
				RB8#7	21.36	22.84	33	PASS
				RB15#0	21.31	22.45	33	PASS
			HCH	RB1#0	21.21	22.42	33	PASS
				RB1#7	21.41	22.86	33	PASS
				RB1#14	20.93	22.13	33	PASS
				RB8#0	21.34	22.78	33	PASS
				RB8#4	21.16	22.47	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	21.12	22.42	33	PASS
				RB15#0	21.14	22.29	33	PASS
			LCH	RB1#0	21.65	23.11	33	PASS
				RB1#13	21.98	23.26	33	PASS
				RB1#24	21.62	22.84	33	PASS
				RB12#0	21.71	23.14	33	PASS
				RB12#6	21.8	23.17	33	PASS
				RB12#13	21.61	23.01	33	PASS
				RB25#0	21.68	22.86	33	PASS
		5	MCH	RB1#0	21.83	23.17	33	PASS
				RB1#13	21.94	23.28	33	PASS
				RB1#24	21.44	22.87	33	PASS
				RB12#0	21.88	23.06	33	PASS
				RB12#6	21.86	23.02	33	PASS
				RB12#13	21.65	22.80	33	PASS
				RB25#0	21.77	23.24	33	PASS
			HCH	RB1#0	21.89	23.37	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.92	23.36	33	PASS
				RB1#24	21.21	22.52	33	PASS
				RB12#0	21.84	23.26	33	PASS
				RB12#6	21.78	22.94	33	PASS
				RB12#13	21.45	22.71	33	PASS
				RB25#0	21.63	22.96	33	PASS
		10	LCH	RB1#0	21.65	22.96	33	PASS
				RB1#25	22	23.40	33	PASS
				RB1#49	21.53	22.70	33	PASS
				RB25#0	21.64	23.06	33	PASS
				RB25#13	21.7	23.03	33	PASS
				RB25#25	21.55	22.86	33	PASS
				RB50#0	21.62	22.83	33	PASS
			MCH	RB1#0	21.86	23.08	33	PASS
				RB1#25	22.09	23.24	33	PASS
				RB1#49	21.46	22.70	33	PASS
				RB25#0	21.95	23.17	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.89	23.06	33	PASS
				RB25#25	21.71	22.98	33	PASS
				RB50#0	21.77	23.24	33	PASS
			HCH	RB1#0	21.74	23.11	33	PASS
				RB1#25	22.05	23.53	33	PASS
				RB1#49	21.23	22.46	33	PASS
				RB25#0	21.97	23.12	33	PASS
				RB25#13	21.9	23.10	33	PASS
				RB25#25	21.64	22.90	33	PASS
				RB50#0	21.7	23.04	33	PASS
		15	LCH	RB1#0	21.39	22.79	33	PASS
				RB1#38	21.92	23.38	33	PASS
				RB1#74	21.19	22.59	33	PASS
				RB38#0	21.59	22.82	33	PASS
				RB38#19	21.72	22.95	33	PASS
				RB38#39	21.48	22.96	33	PASS
				RB75#0	21.54	22.83	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.59	22.98	33	PASS
				RB1#38	22.07	23.55	33	PASS
				RB1#74	21.24	22.62	33	PASS
				RB38#0	21.8	23.05	33	PASS
				RB38#19	21.85	23.26	33	PASS
				RB38#39	21.53	22.70	33	PASS
				RB75#0	21.68	22.94	33	PASS
			HCH	RB1#0	21.47	22.87	33	PASS
				RB1#38	22.19	23.33	33	PASS
				RB1#74	21.13	22.50	33	PASS
				RB38#0	21.73	23.15	33	PASS
				RB38#19	21.96	23.41	33	PASS
				RB38#39	21.57	22.67	33	PASS
				RB75#0	21.63	22.97	33	PASS
		20	LCH	RB1#0	21.42	22.89	33	PASS
				RB1#50	21.52	22.74	33	PASS
				RB1#99	21.23	22.61	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.03	22.48	33	PASS
				RB50#25	21.13	22.27	33	PASS
				RB50#50	20.93	22.14	33	PASS
				RB100#0	20.95	22.23	33	PASS
			MCH	RB1#0	21.56	22.80	33	PASS
				RB1#50	21.78	23.04	33	PASS
				RB1#99	21.25	22.69	33	PASS
				RB50#0	21.14	22.51	33	PASS
				RB50#25	21.29	22.52	33	PASS
				RB50#50	20.92	22.14	33	PASS
				RB100#0	21.07	22.43	33	PASS
			HCH	RB1#0	21.38	22.82	33	PASS
				RB1#50	21.65	23.05	33	PASS
				RB1#99	21.01	22.35	33	PASS
				RB50#0	21.08	22.27	33	PASS
				RB50#25	21.32	22.55	33	PASS
				RB50#50	20.94	22.30	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.02	22.31	33	PASS

Note1:

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

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

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

b, SGP=Signal Generator Level

Note2:

SET Span=1.5*OBW

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

SET VBW>= 3*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	3.86	13	PASS
				RB1#3	3.88	13	PASS
				RB1#5	3.84	13	PASS
				RB3#0	3.90	13	PASS
				RB3#2	3.81	13	PASS
				RB3#3	3.96	13	PASS
				RB6#0	4.96	13	PASS
			MCH	RB1#0	4.49	13	PASS
				RB1#3	4.51	13	PASS
				RB1#5	4.48	13	PASS
				RB3#0	4.38	13	PASS
				RB3#2	4.36	13	PASS
				RB3#3	4.36	13	PASS
				RB6#0	5.02	13	PASS
			HCH	RB1#0	3.70	13	PASS
				RB1#3	3.59	13	PASS
				RB1#5	3.53	13	PASS
				RB3#0	3.80	13	PASS
				RB3#2	3.80	13	PASS
				RB3#3	3.76	13	PASS
				RB6#0	4.95	13	PASS
		3	LCH	RB1#0	3.86	13	PASS
				RB1#7	3.65	13	PASS
				RB1#14	3.98	13	PASS
				RB8#0	4.73	13	PASS
				RB8#4	4.69	13	PASS
				RB8#7	4.77	13	PASS
				RB15#0	5.07	13	PASS
			MCH	RB1#0	4.40	13	PASS
				RB1#7	4.18	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.46	13	PASS
				RB8#0	4.79	13	PASS
				RB8#4	4.76	13	PASS
				RB8#7	4.82	13	PASS
				RB15#0	5.53	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#7	3.72	13	PASS
				RB1#14	3.82	13	PASS
				RB8#0	4.87	13	PASS
				RB8#4	4.71	13	PASS
				RB8#7	4.73	13	PASS
				RB15#0	5.30	13	PASS
		5	LCH	RB1#0	3.92	13	PASS
				RB1#13	3.78	13	PASS
				RB1#24	4.11	13	PASS
				RB12#0	4.55	13	PASS
				RB12#6	4.44	13	PASS
				RB12#13	4.7	13	PASS
				RB25#0	5.23	13	PASS
			MCH	RB1#0	4.39	13	PASS
				RB1#13	4.38	13	PASS
				RB1#24	4.67	13	PASS
				RB12#0	5.12	13	PASS
				RB12#6	5.04	13	PASS
				RB12#13	5.15	13	PASS
				RB25#0	5.77	13	PASS
			HCH	RB1#0	4.07	13	PASS
				RB1#13	3.67	13	PASS
				RB1#24	3.65	13	PASS
				RB12#0	4.73	13	PASS
				RB12#6	4.45	13	PASS
				RB12#13	4.55	13	PASS
				RB25#0	5.18	13	PASS
		10	LCH	RB1#0	3.85	13	PASS
				RB1#25	3.82	13	PASS
				RB1#49	4.28	13	PASS
				RB25#0	4.87	13	PASS
				RB25#13	4.85	13	PASS
				RB25#25	5.06	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.53	13	PASS
			MCH	RB1#0	4.19	13	PASS
				RB1#25	4.06	13	PASS
				RB1#49	4.30	13	PASS
				RB25#0	5.34	13	PASS
				RB25#13	5.26	13	PASS
				RB25#25	5.43	13	PASS
				RB50#0	5.73	13	PASS
			HCH	RB1#0	4.13	13	PASS
				RB1#25	3.77	13	PASS
				RB1#49	3.56	13	PASS
				RB25#0	5.19	13	PASS
				RB25#13	4.93	13	PASS
				RB25#25	4.90	13	PASS
				RB50#0	5.35	13	PASS
			LCH	RB1#0	4.05	13	PASS
				RB1#38	4.00	13	PASS
				RB1#74	4.55	13	PASS
				RB38#0	5.09	13	PASS
				RB38#19	5.05	13	PASS
				RB38#39	5.36	13	PASS
				RB75#0	5.71	13	PASS
		15	MCH	RB1#0	4.50	13	PASS
				RB1#38	4.31	13	PASS
				RB1#74	4.64	13	PASS
				RB38#0	5.42	13	PASS
				RB38#19	5.31	13	PASS
				RB38#39	5.49	13	PASS
				RB75#0	5.90	13	PASS
			HCH	RB1#0	4.22	13	PASS
				RB1#38	3.95	13	PASS
				RB1#74	3.89	13	PASS
				RB38#0	5.31	13	PASS
				RB38#19	5.11	13	PASS
				RB38#39	5.17	13	PASS
				RB75#0	5.70	13	PASS
		20	LCH	RB1#0	4.09	13	PASS
				RB1#50	4.14	13	PASS
				RB1#99	4.50	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.33	13	PASS
				RB50#25	4.89	13	PASS
				RB50#50	5.09	13	PASS
				RB100#0	5.49	13	PASS
			MCH	RB1#0	4.43	13	PASS
				RB1#50	4.29	13	PASS
				RB1#99	4.42	13	PASS
				RB50#0	5.72	13	PASS
				RB50#25	5.05	13	PASS
				RB50#50	5.69	13	PASS
				RB100#0	6.08	13	PASS
			HCH	RB1#0	4.31	13	PASS
				RB1#50	4.19	13	PASS
				RB1#99	3.91	13	PASS
				RB50#0	5.63	13	PASS
				RB50#25	5.45	13	PASS
				RB50#50	5.72	13	PASS
				RB100#0	6.01	13	PASS
			LCH	RB1#0	4.68	13	PASS
				RB1#3	4.74	13	PASS
				RB1#5	4.68	13	PASS
				RB3#0	4.74	13	PASS
				RB3#2	4.55	13	PASS
				RB3#3	4.72	13	PASS
				RB6#0	5.36	13	PASS
			MCH	RB1#0	4.66	13	PASS
				RB1#3	4.91	13	PASS
				RB1#5	4.65	13	PASS
	LTE/TM2	1.4		RB3#0	4.83	13	PASS
				RB3#2	4.81	13	PASS
				RB3#3	4.89	13	PASS
				RB6#0	5.44	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#3	4.56	13	PASS
				RB1#5	4.44	13	PASS
				RB3#0	4.60	13	PASS
				RB3#2	4.39	13	PASS
				RB3#3	4.46	13	PASS
				RB6#0	5.15	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.70	13	PASS
				RB1#7	4.58	13	PASS
				RB1#14	4.77	13	PASS
				RB8#0	5.08	13	PASS
				RB8#4	4.92	13	PASS
				RB8#7	5.13	13	PASS
				RB15#0	5.64	13	PASS
			MCH	RB1#0	5.15	13	PASS
				RB1#7	4.56	13	PASS
				RB1#14	4.76	13	PASS
				RB8#0	4.98	13	PASS
				RB8#4	5.05	13	PASS
				RB8#7	5.01	13	PASS
				RB15#0	5.74	13	PASS
			HCH	RB1#0	4.96	13	PASS
				RB1#7	4.55	13	PASS
				RB1#14	4.71	13	PASS
				RB8#0	5.23	13	PASS
				RB8#4	5.02	13	PASS
				RB8#7	5.08	13	PASS
				RB15#0	5.66	13	PASS
		5	LCH	RB1#0	4.64	13	PASS
				RB1#13	4.67	13	PASS
				RB1#24	4.85	13	PASS
				RB12#0	5.02	13	PASS
				RB12#6	4.84	13	PASS
				RB12#13	5.21	13	PASS
				RB25#0	5.53	13	PASS
			MCH	RB1#0	5.12	13	PASS
				RB1#13	5.13	13	PASS
				RB1#24	5.24	13	PASS
				RB12#0	5.49	13	PASS
				RB12#6	5.41	13	PASS
				RB12#13	5.64	13	PASS
				RB25#0	6.03	13	PASS
			HCH	RB1#0	4.69	13	PASS
				RB1#13	4.48	13	PASS
				RB1#24	4.36	13	PASS
				RB12#0	5.06	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#6	4.82	13	PASS
				RB12#13	4.84	13	PASS
				RB25#0	5.63	13	PASS
		10	LCH	RB1#0	4.61	13	PASS
				RB1#25	4.67	13	PASS
				RB1#49	5.03	13	PASS
				RB25#0	5.18	13	PASS
				RB25#13	5.10	13	PASS
				RB25#25	5.34	13	PASS
				RB50#0	5.79	13	PASS
			MCH	RB1#0	4.97	13	PASS
				RB1#25	5.04	13	PASS
				RB1#49	5.19	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.53	13	PASS
				RB25#25	5.69	13	PASS
				RB50#0	6.14	13	PASS
			HCH	RB1#0	4.98	13	PASS
				RB1#25	4.61	13	PASS
				RB1#49	4.39	13	PASS
				RB25#0	5.46	13	PASS
				RB25#13	5.12	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	5.73	13	PASS
		15	LCH	RB1#0	4.96	13	PASS
				RB1#38	4.79	13	PASS
				RB1#74	5.28	13	PASS
				RB38#0	5.27	13	PASS
				RB38#19	5.20	13	PASS
				RB38#39	5.52	13	PASS
				RB75#0	6.15	13	PASS
			MCH	RB1#0	5.24	13	PASS
				RB1#38	5.05	13	PASS
				RB1#74	5.22	13	PASS
				RB38#0	5.68	13	PASS
				RB38#19	5.57	13	PASS
				RB38#39	5.76	13	PASS
				RB75#0	6.24	13	PASS
			HCH	RB1#0	5.02	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	4.85	13	PASS
				RB1#74	4.67	13	PASS
				RB38#0	5.52	13	PASS
				RB38#19	5.36	13	PASS
				RB38#39	5.34	13	PASS
				RB75#0	6.11	13	PASS
		20	LCH	RB1#0	4.85	13	PASS
				RB1#50	4.50	13	PASS
				RB1#99	5.34	13	PASS
				RB50#0	5.60	13	PASS
				RB50#25	5.09	13	PASS
				RB50#50	5.37	13	PASS
				RB100#0	5.83	13	PASS
			MCH	RB1#0	4.95	13	PASS
				RB1#50	4.67	13	PASS
				RB1#99	4.96	13	PASS
				RB50#0	5.88	13	PASS
				RB50#25	5.35	13	PASS
				RB50#50	5.92	13	PASS
				RB100#0	6.46	13	PASS
			HCH	RB1#0	4.86	13	PASS
				RB1#50	4.54	13	PASS
				RB1#99	4.85	13	PASS
				RB50#0	5.85	13	PASS
				RB50#25	5.63	13	PASS
				RB50#50	5.89	13	PASS
				RB100#0	6.40	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
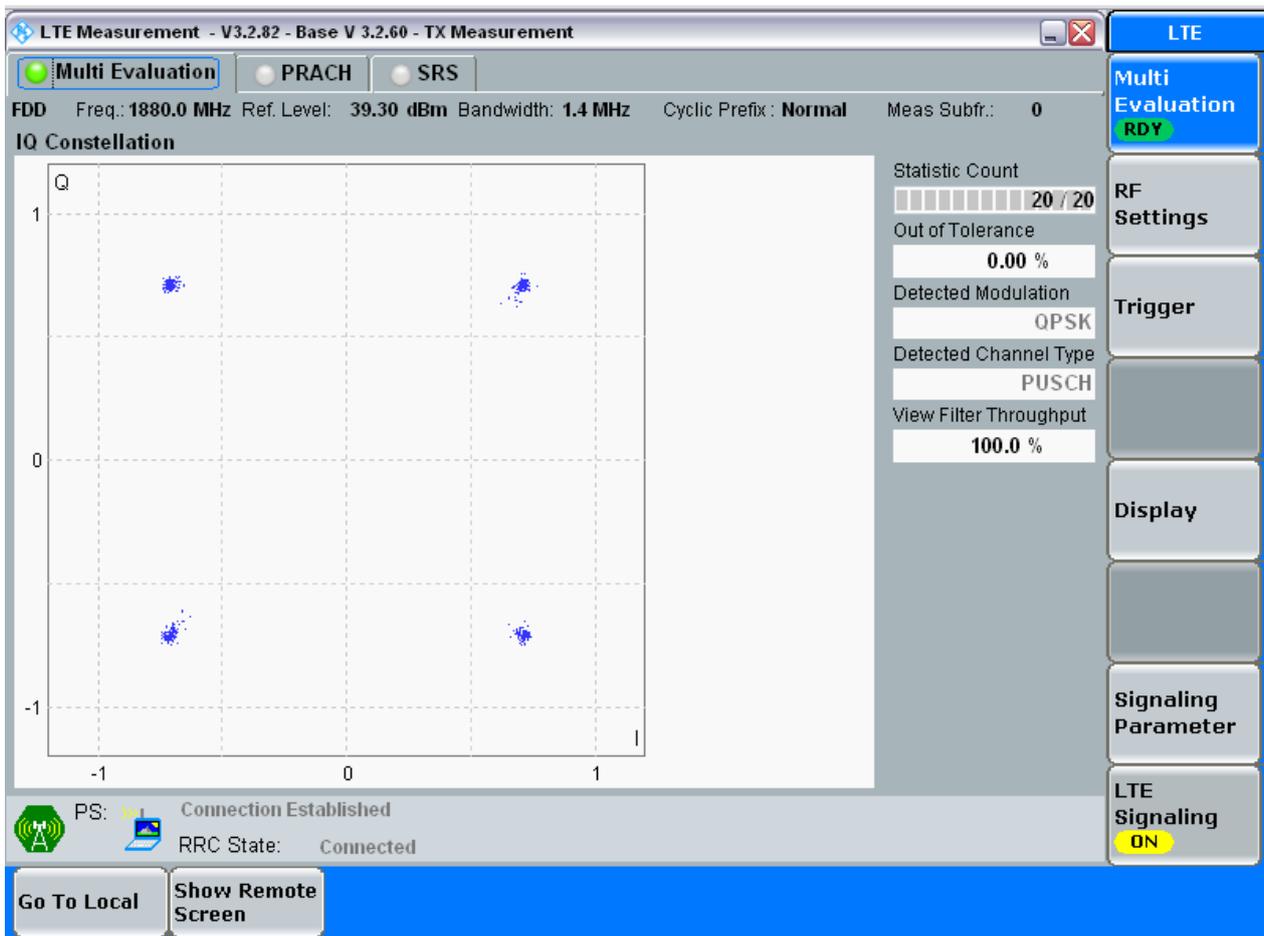
3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0
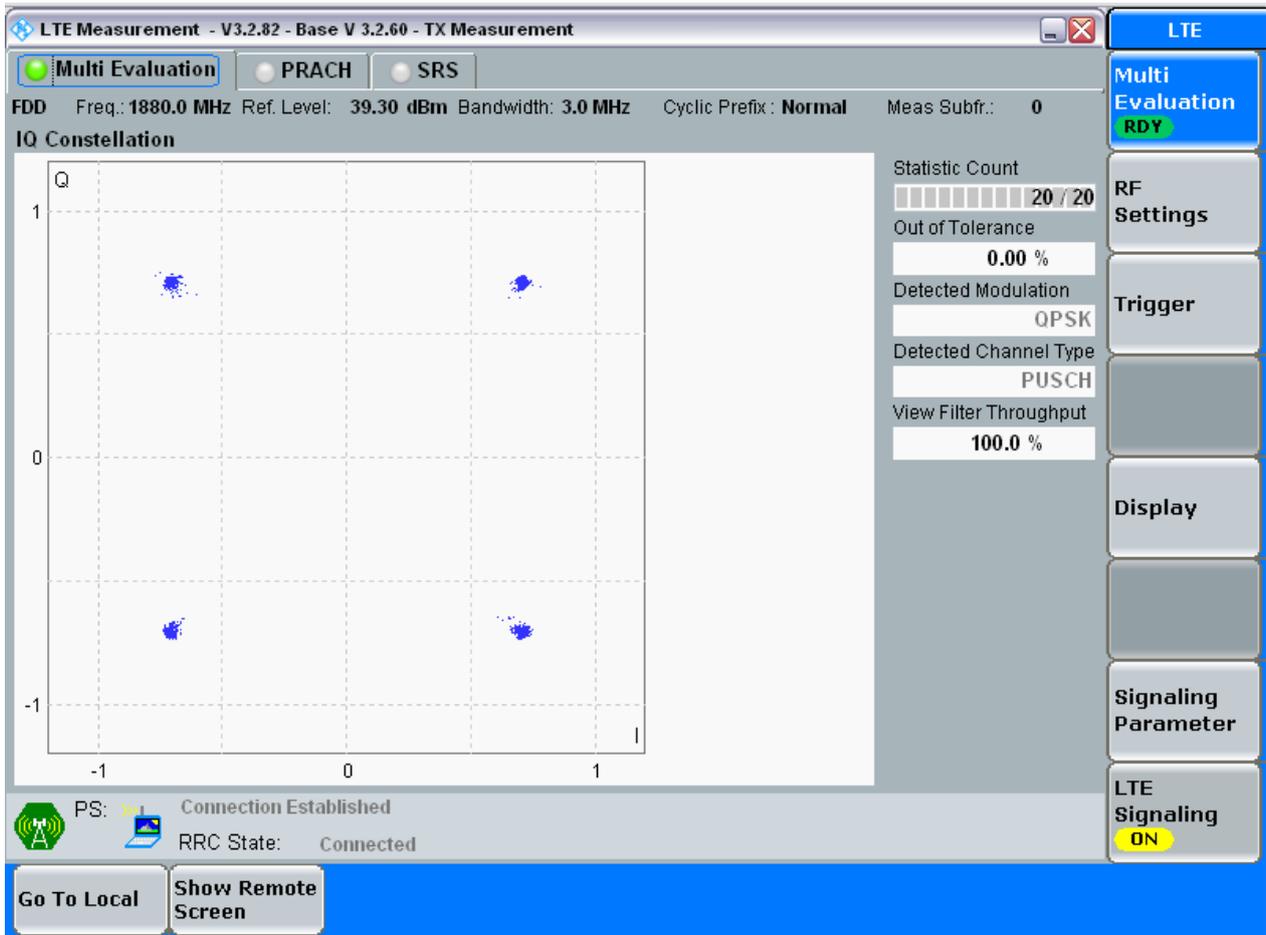
3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0
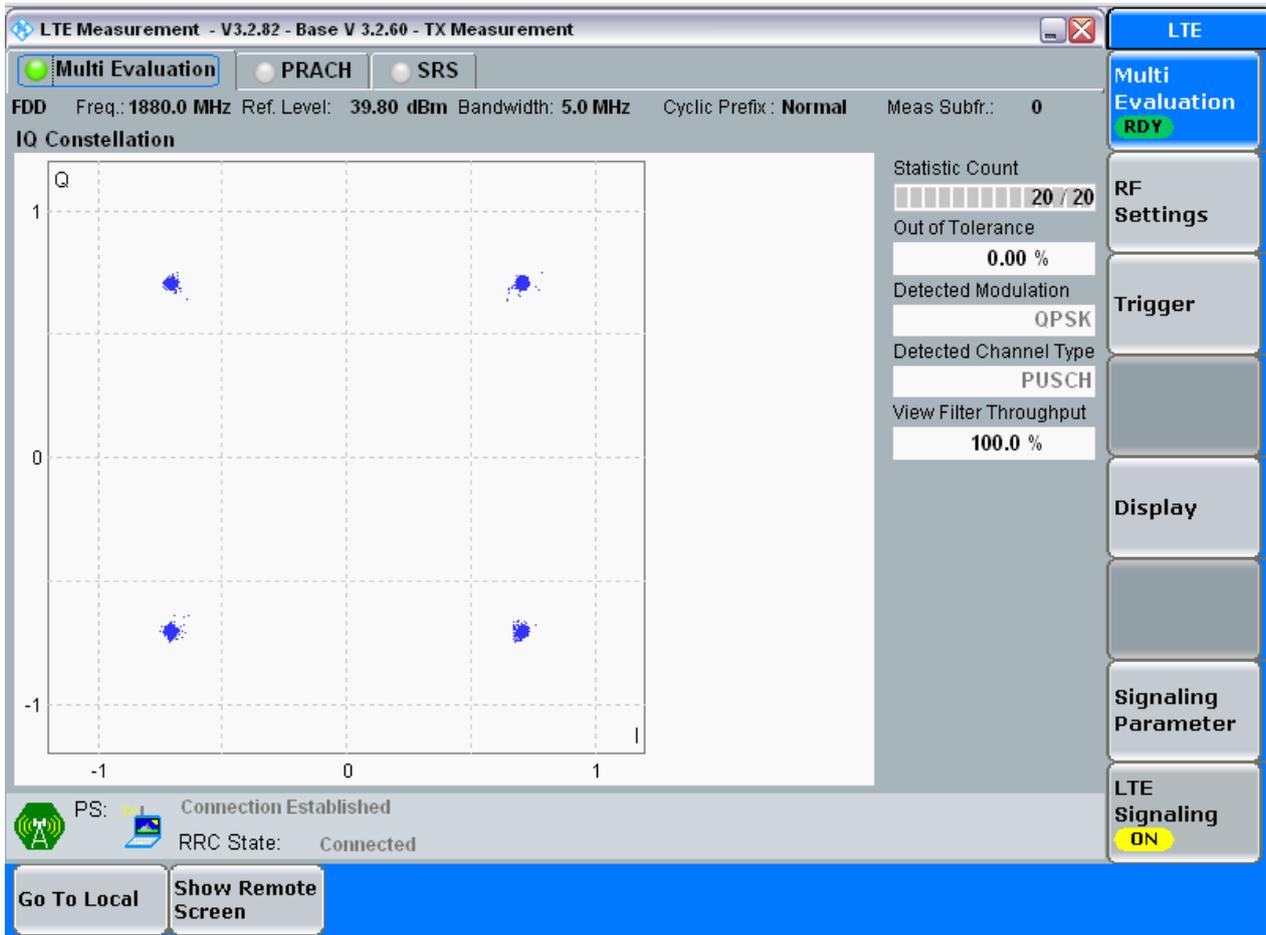
3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0
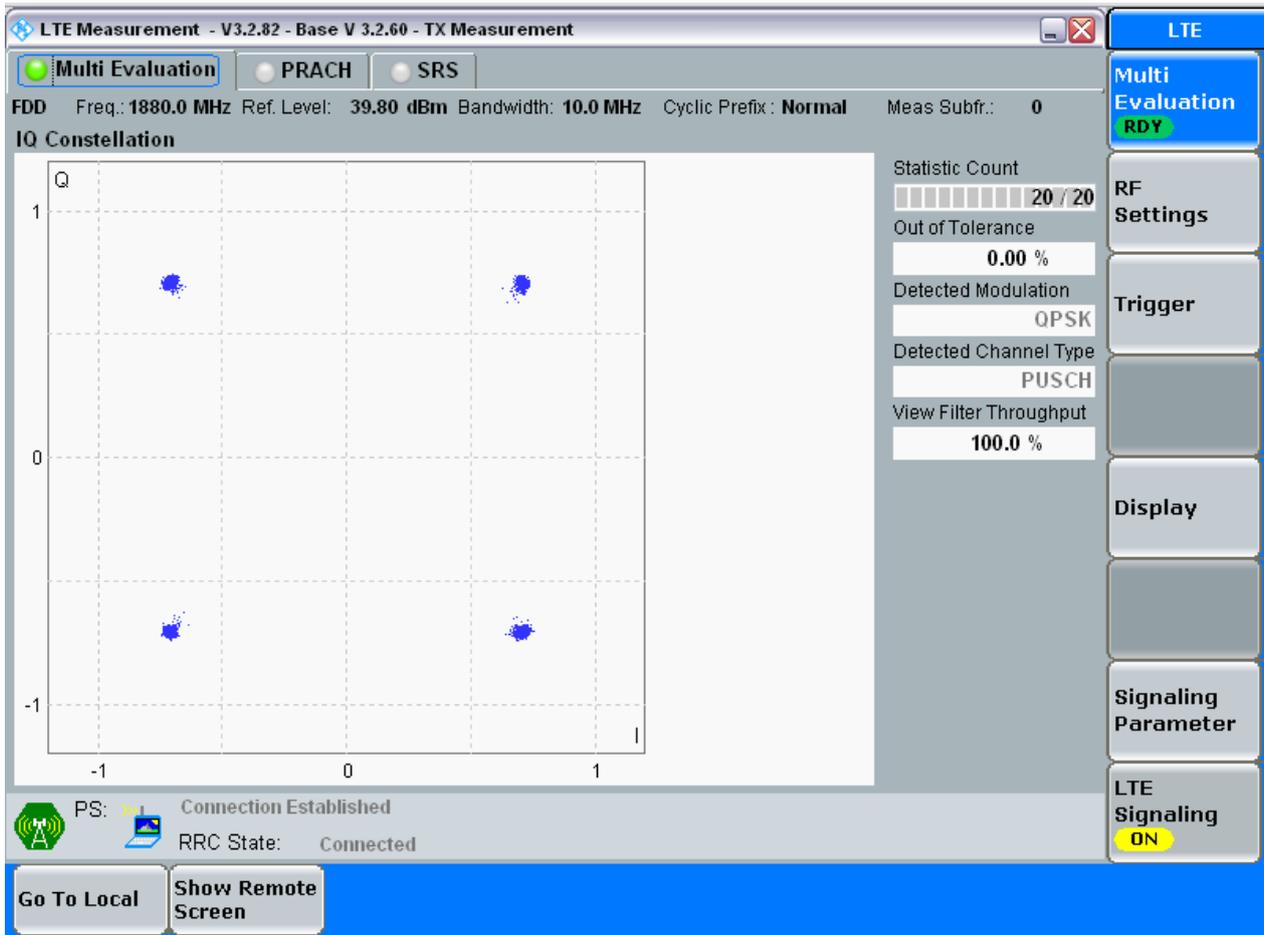
3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

3.1.1.1.5.1.1 Test RB = RB75#0
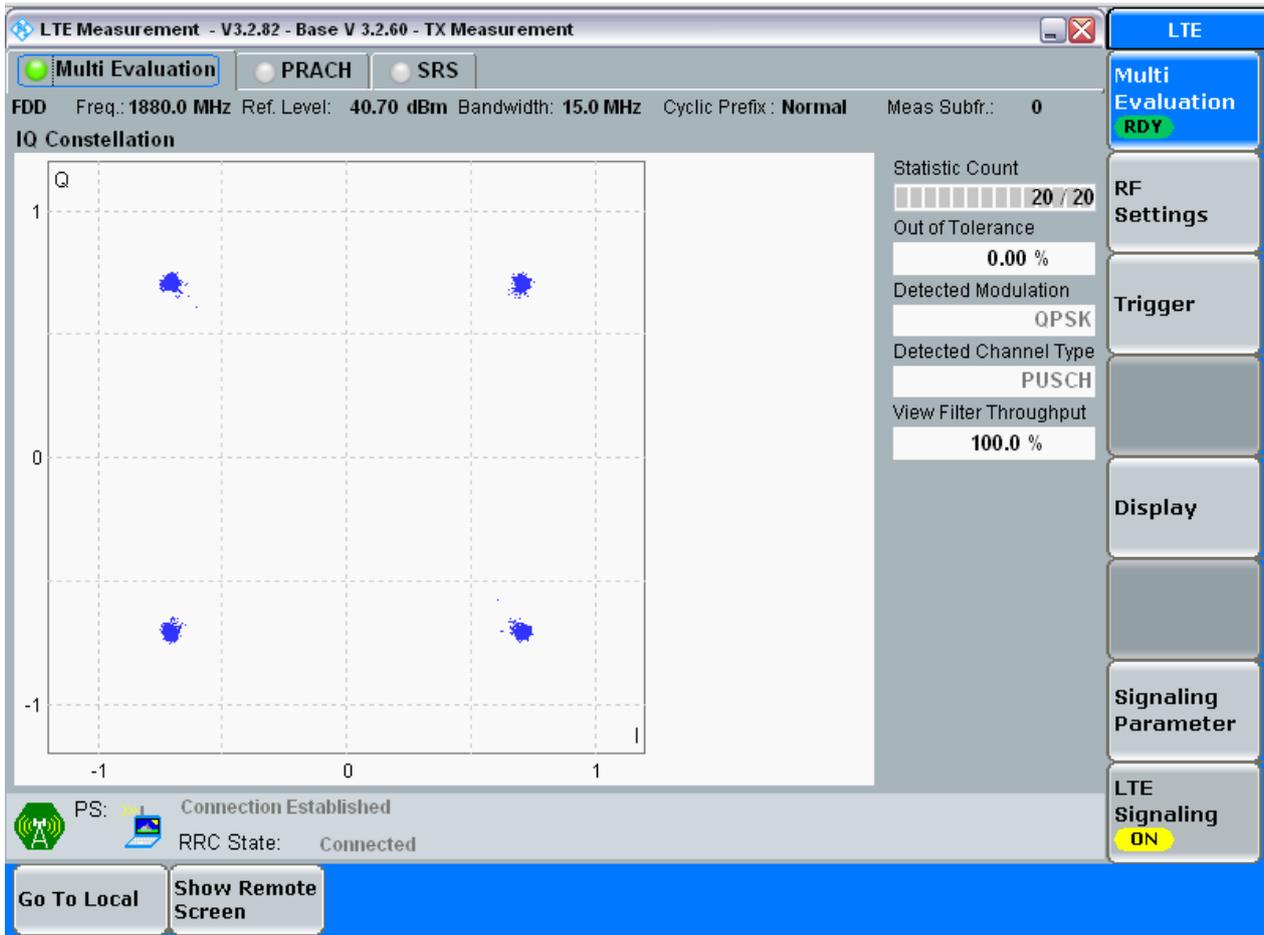
3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0
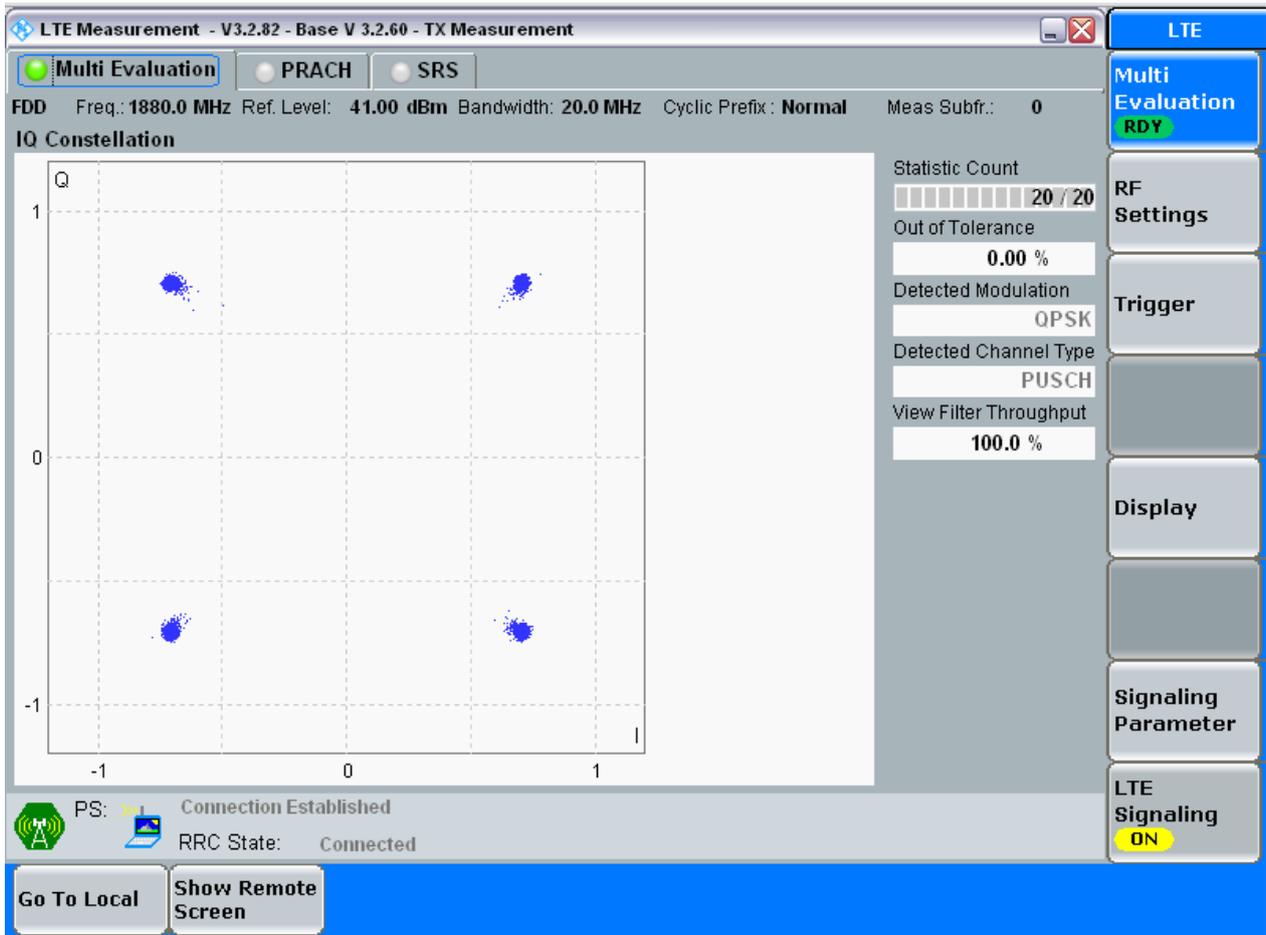
3.1.1.2 Test Mode = LTE/TM2

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
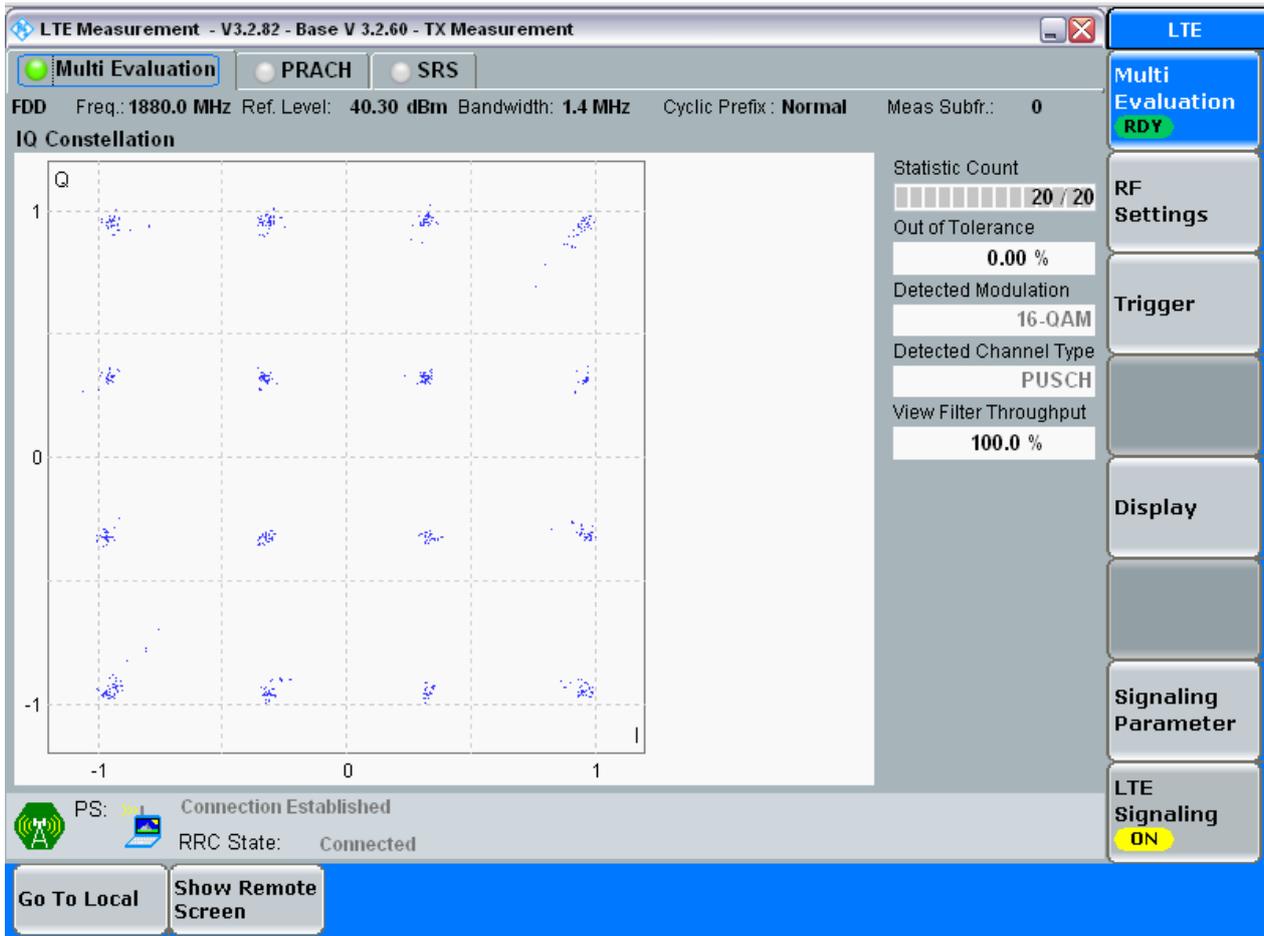
3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0
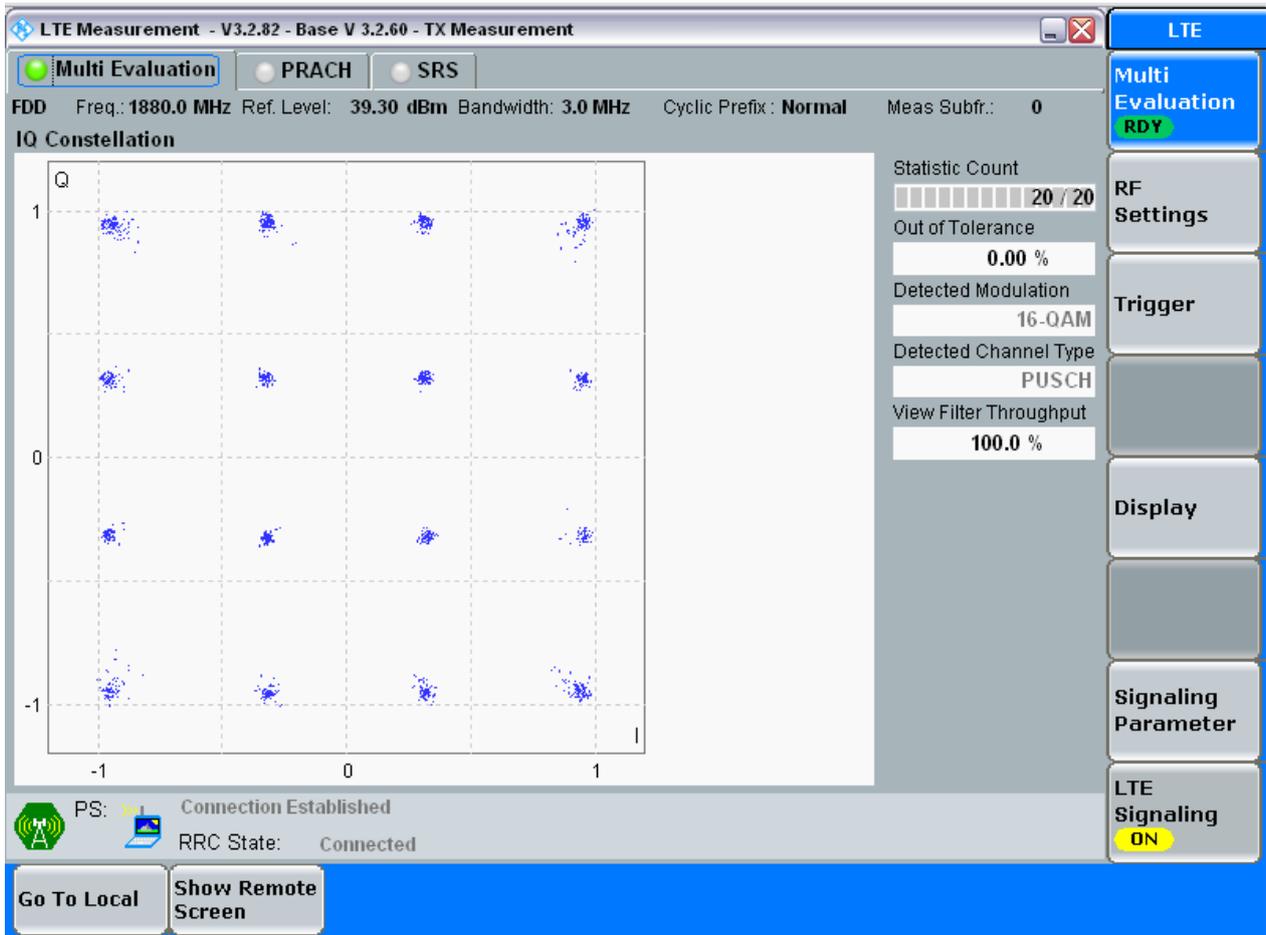
3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0
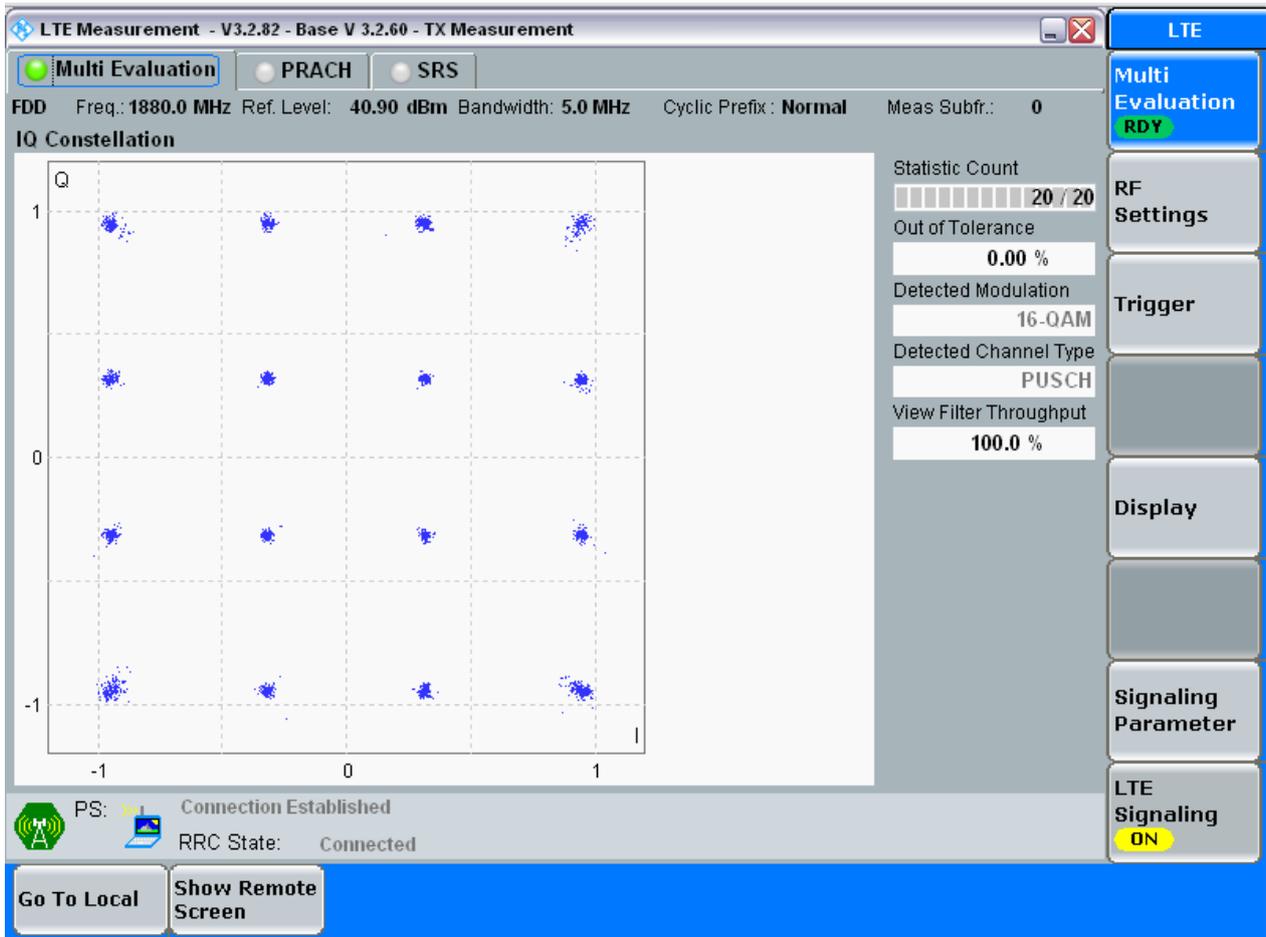
3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0
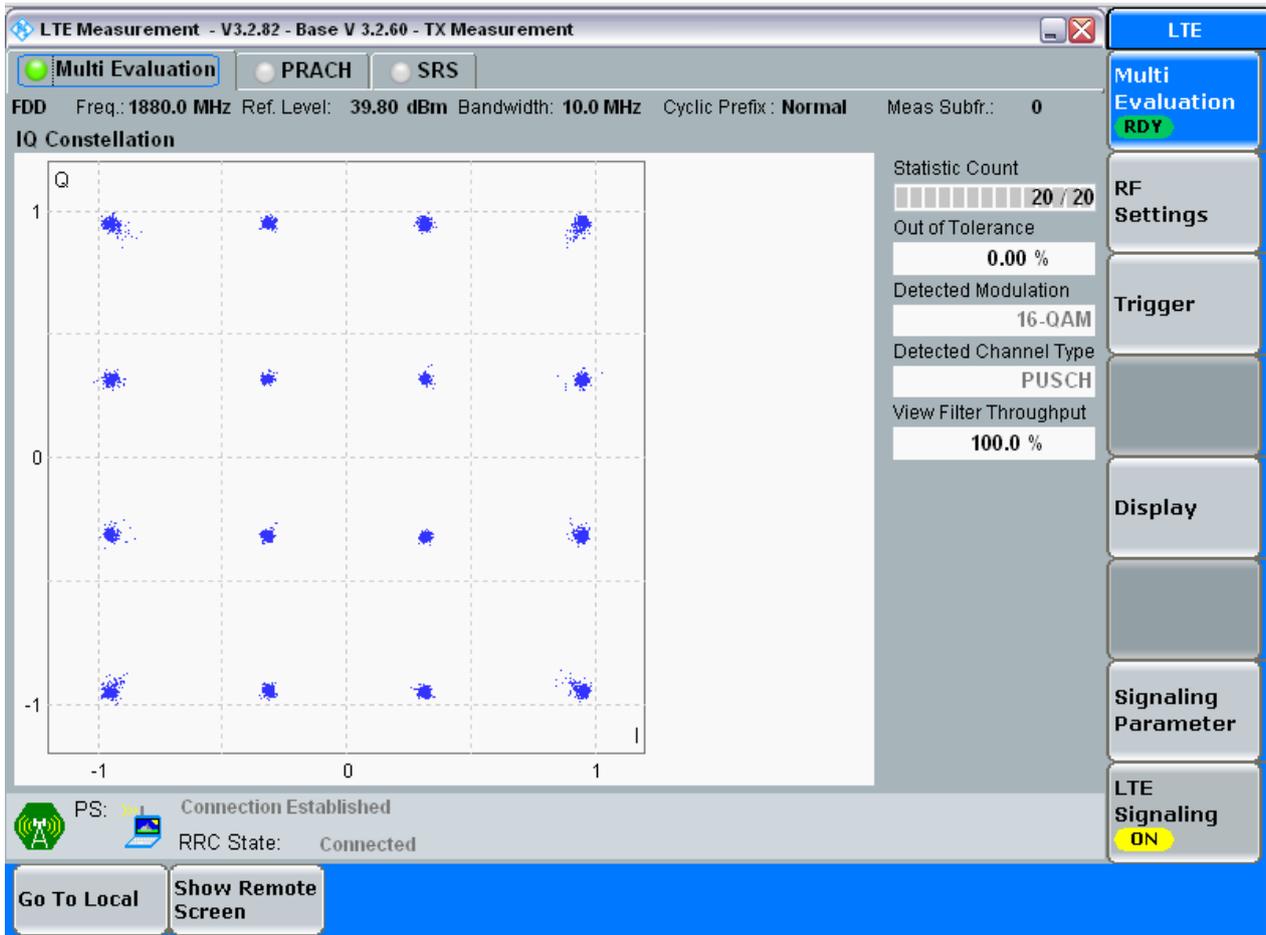
3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

3.1.1.2.5.1.1 Test RB = RB75#0
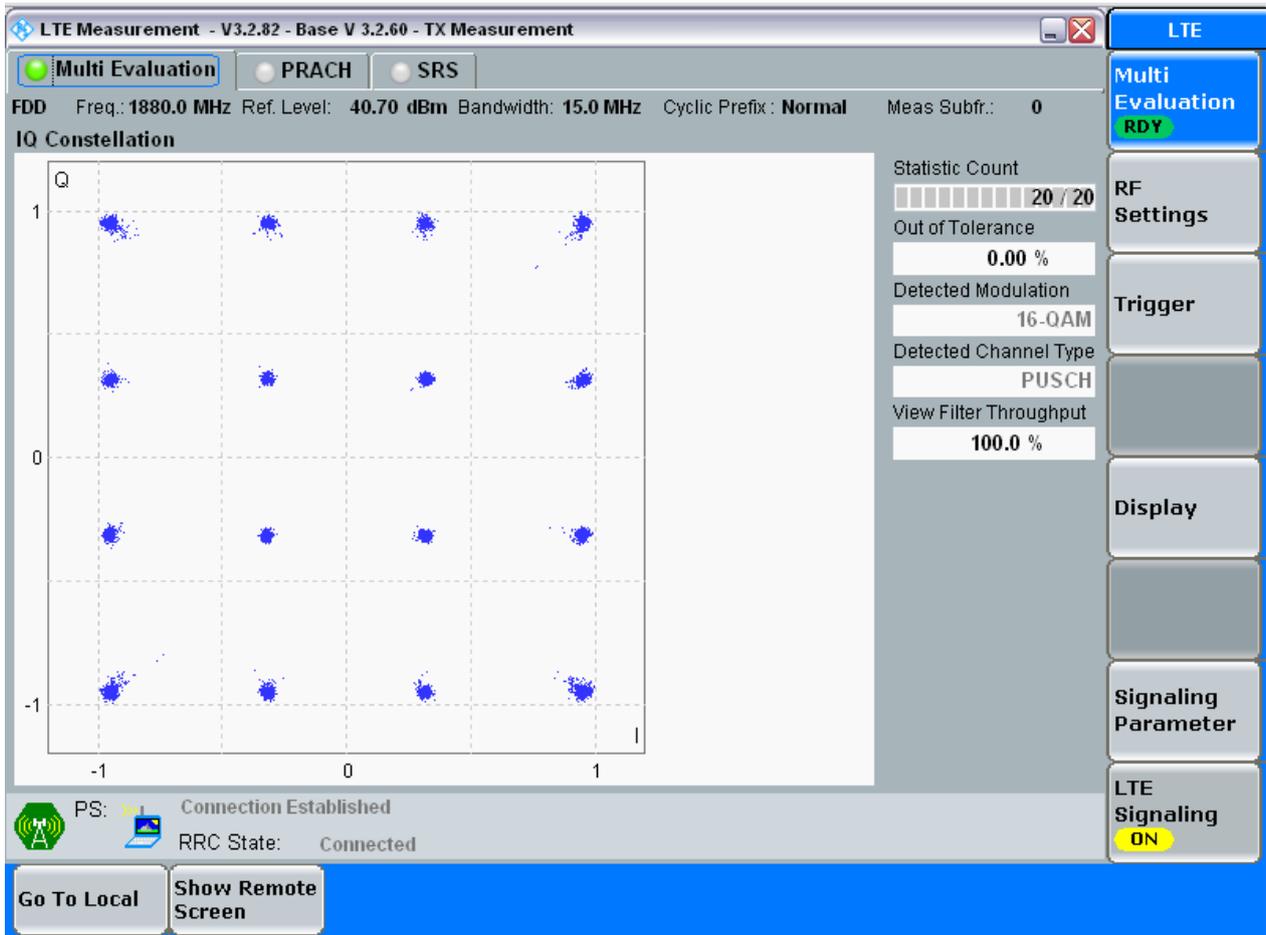
3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0
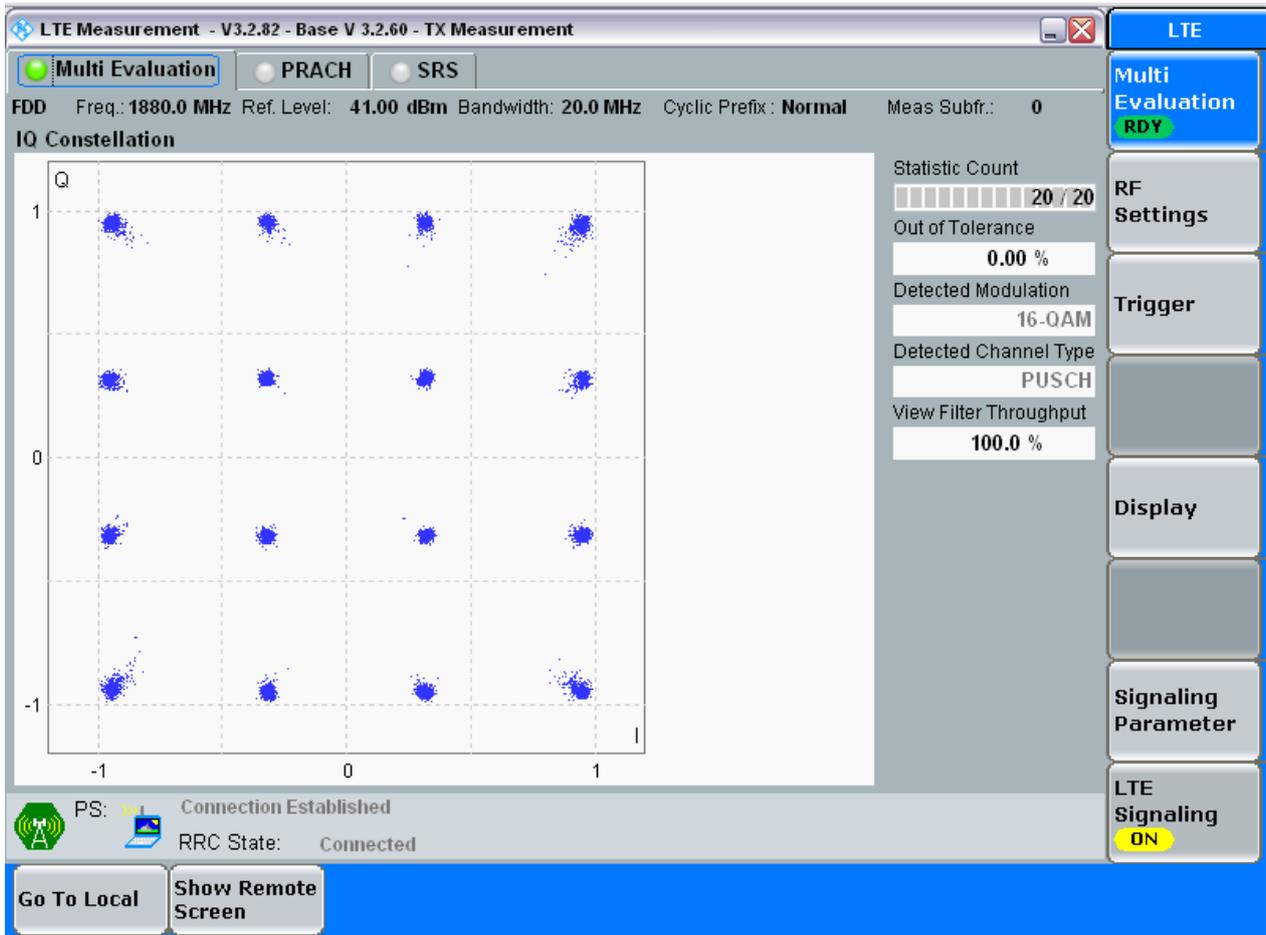
4Appendix_D: Bandwidth

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	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.94	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.71	2.95	Pass
		5	LCH	RB25#0	4.51	4.86	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.99	9.65	Pass
			MCH	RB50#0	8.99	9.61	Pass
			HCH	RB50#0	8.99	9.66	Pass
		15	LCH	RB75#0	13.48	14.39	Pass
			MCH	RB75#0	13.47	14.37	Pass
			HCH	RB75#0	13.47	14.39	Pass
		20	LCH	RB100#0	17.93	19.05	Pass
			MCH	RB100#0	17.94	19.04	Pass
			HCH	RB100#0	17.97	19.06	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.96	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.71	2.96	Pass
		5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.50	4.88	Pass
			HCH	RB25#0	4.50	4.88	Pass
		10	LCH	RB50#0	8.99	9.67	Pass
			MCH	RB50#0	8.99	9.63	Pass
			HCH	RB50#0	8.99	9.65	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.46	14.38	Pass
			MCH	RB75#0	13.46	14.37	Pass
			HCH	RB75#0	13.49	14.48	Pass
		20	LCH	RB100#0	17.93	19.09	Pass
			MCH	RB100#0	17.94	19.08	Pass
			HCH	RB100#0	17.96	19.18	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
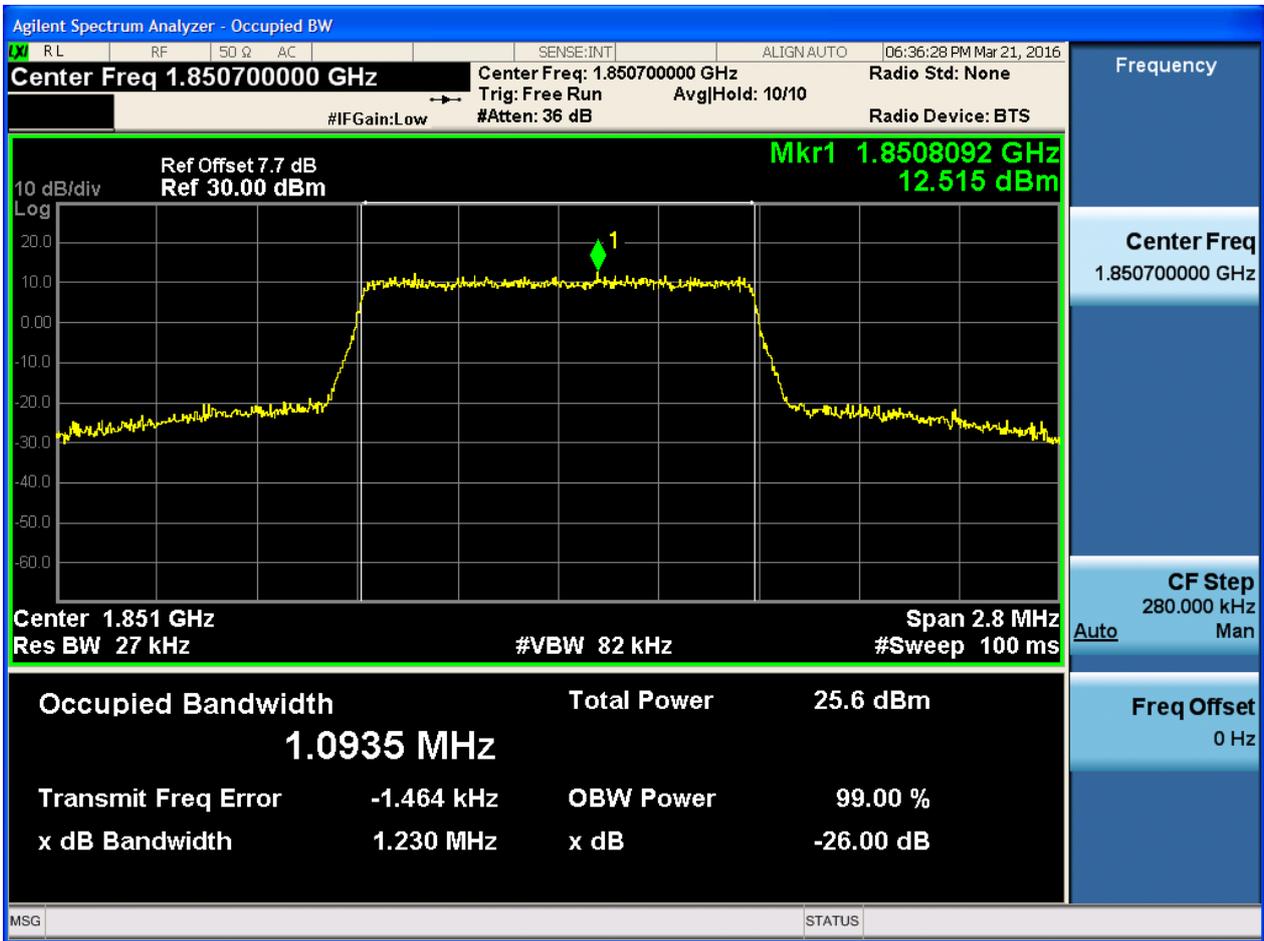
4.1.1.1.1.2 Test Channel = MCH

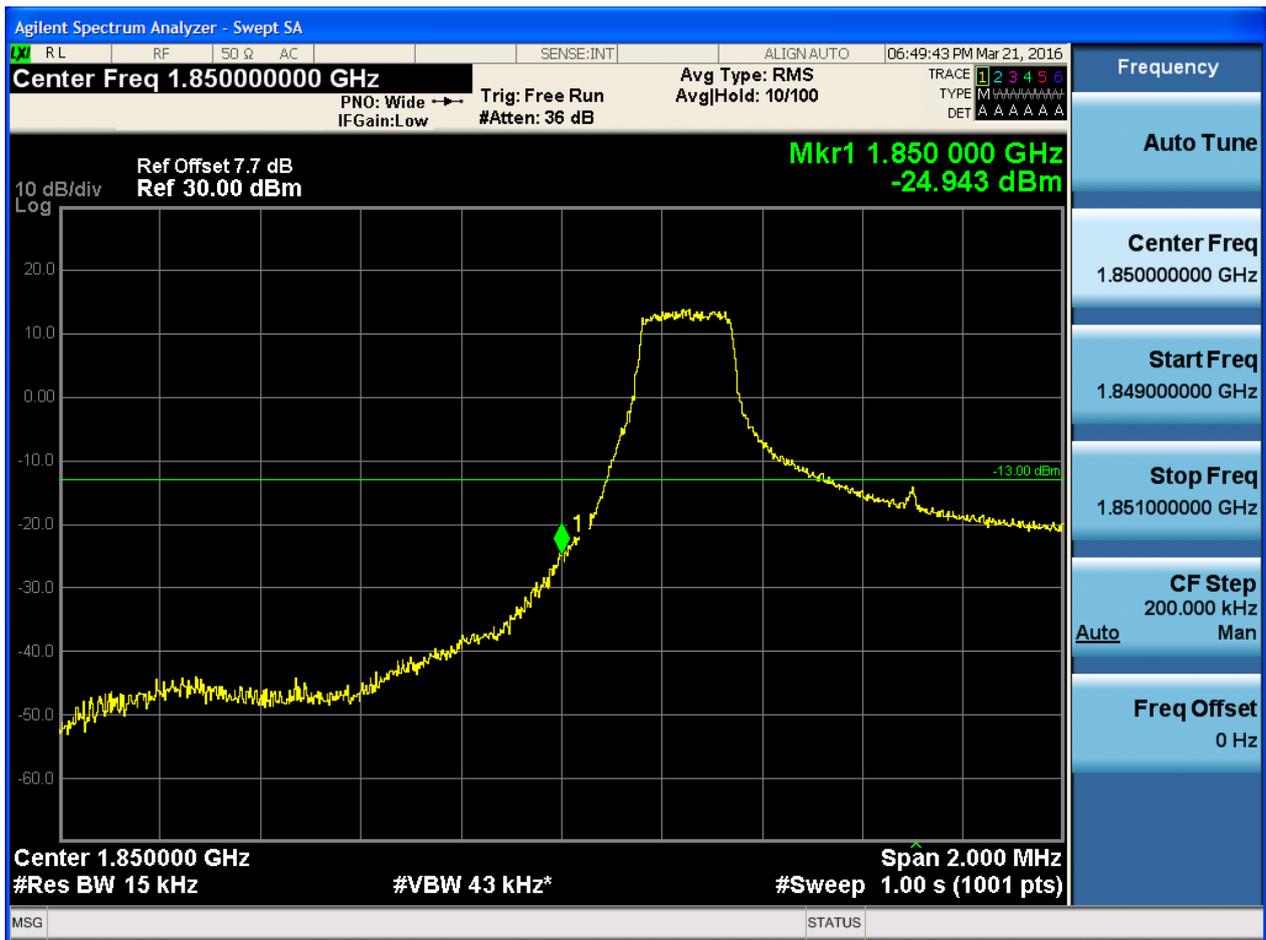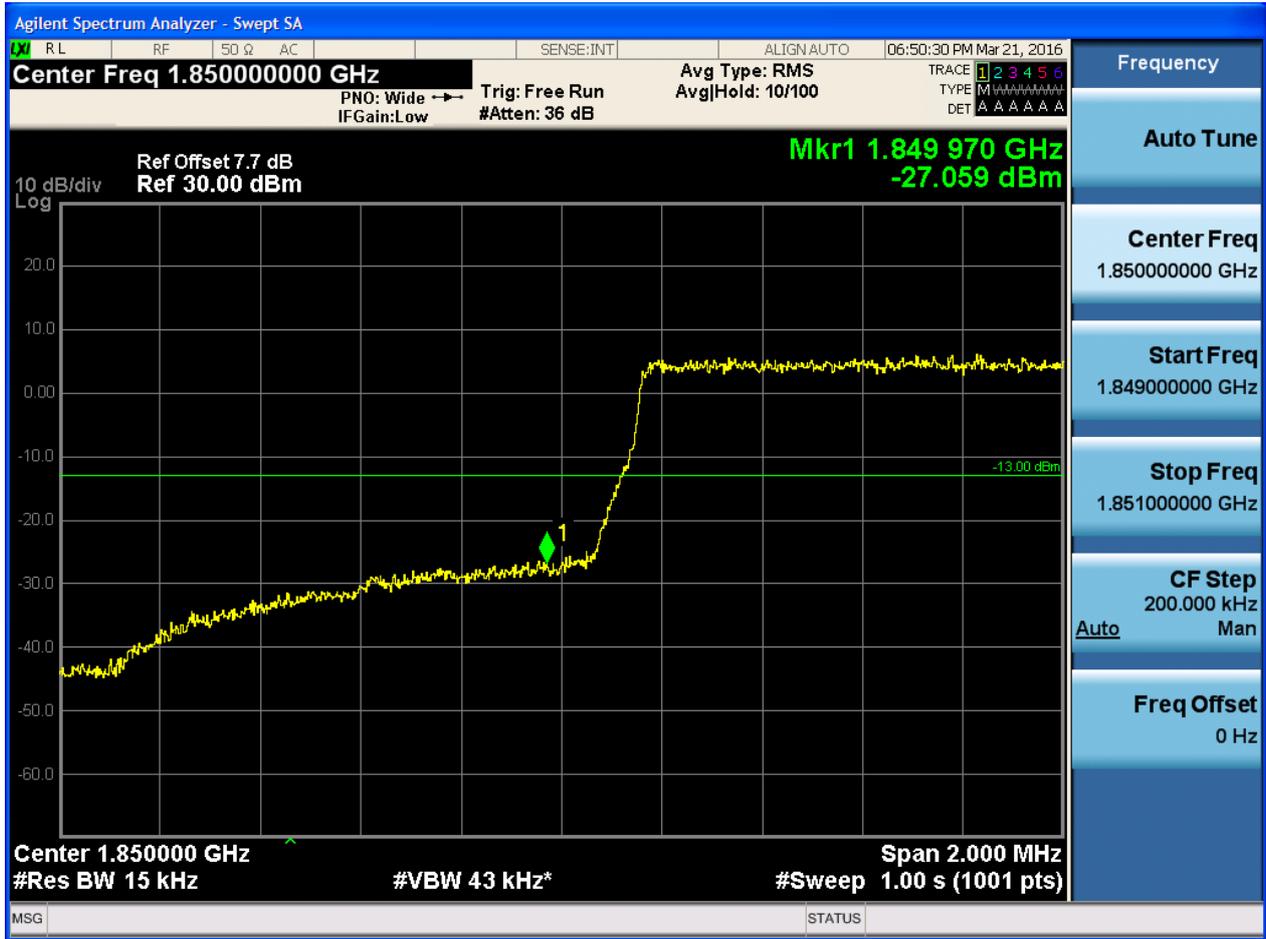### 4.1.1.1.1.2.1 Test RB = RB6#0

Agilent Spectrum Analyzer - Occupied BW

					SENSE:INT		ALIGN AUTO	06:36:49 PM Mar 21, 2016	

LXI R L | RF | 50 Ω | AC

Center Freq 1.880000000 GHz

Center Freq: 1.880000000 GHz   Radio Std: None
Trig: Free Run   Avg|Hold: 10/10
#IFGain:Low   #Atten: 36 dB   Radio Device: BTS

Mkr1 1.8795436 GHz
11.803 dBm

Ref Offset 7.7 dB
10 dB/div   Ref 30.00 dBm
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

Center 1.88 GHz   Span 2.8 MHz
Res BW 27 kHz   #VBW 82 kHz   #Sweep 100 ms

Occupied Bandwidth		Total Power	25.4 dBm
1.0898 MHz			
Transmit Freq Error	-1.327 kHz	OBW Power	99.00 %
x dB Bandwidth	1.229 MHz	x dB	-26.00 dB

MSG File <PICTURE.png> saved   STATUS

Frequency

Center Freq
1.880000000 GHz

CF Step
280.000 kHz
Auto   Man

Freq Offset
0 Hz

4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0
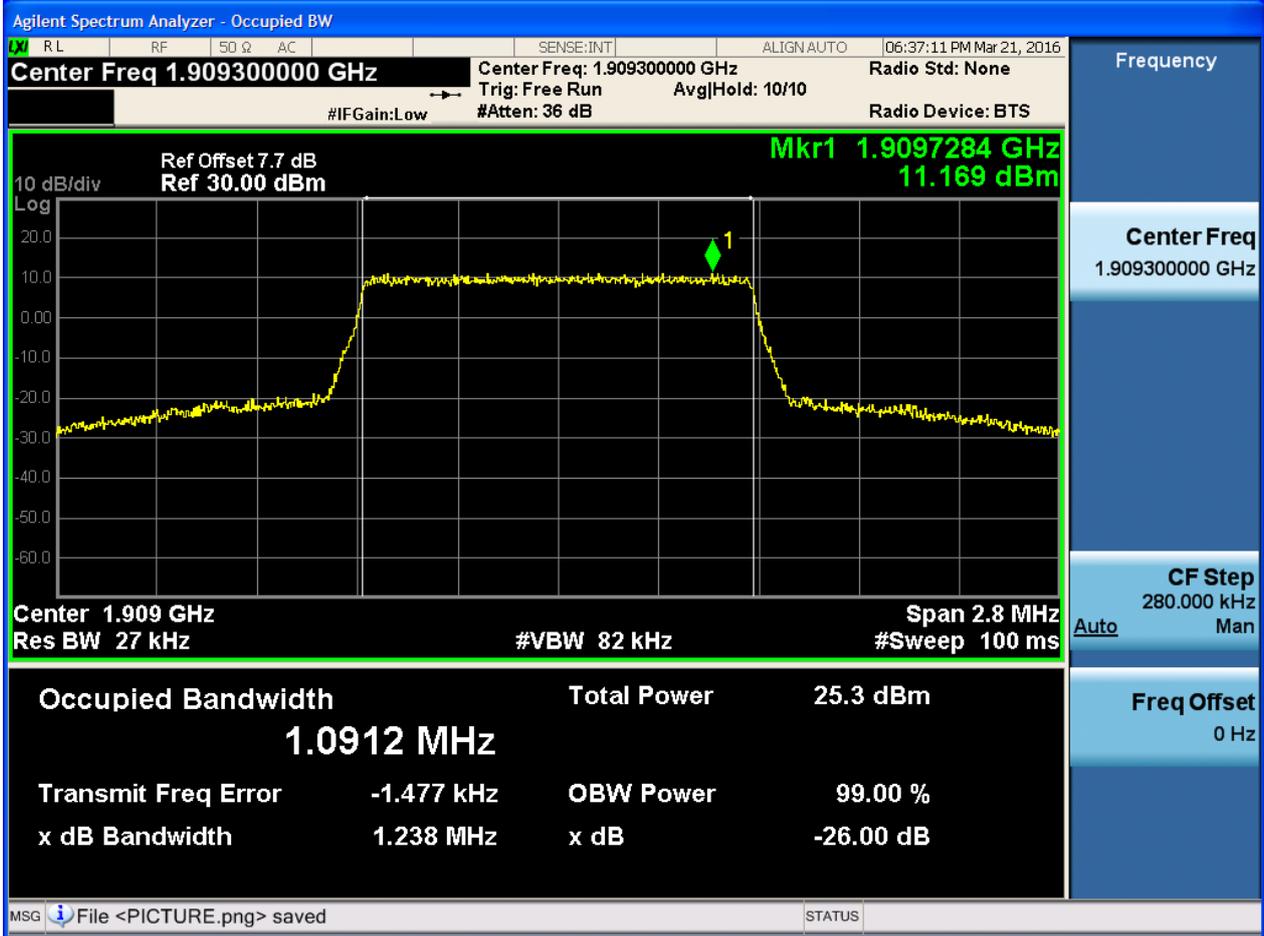
4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0
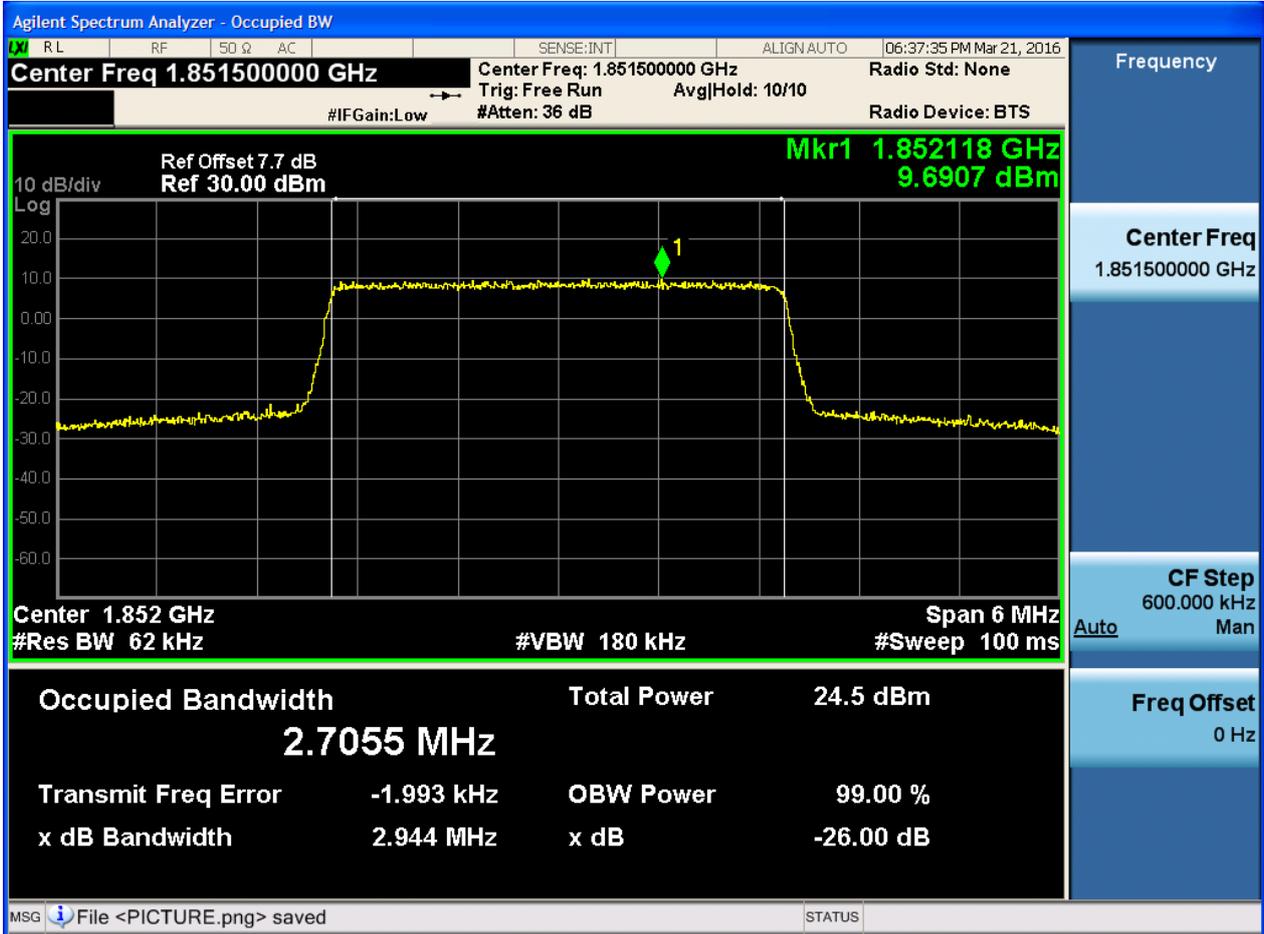
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0

Agilent Spectrum Analyzer - Occupied BW

LXI R L	RF 50 Ω AC	SENSE:INT ALIGN AUTO	06:37:56 PM Mar 21, 2016

Center Freq 1.880000000 GHz

Center Freq: 1.880000000 GHz Radio Std: None
Trig: Free Run   Avg|Hold: 10/10
#IFGain:Low   #Atten: 36 dB   Radio Device: BTS

Ref Offset 7.7 dB
10 dB/div   Ref 30.00 dBm

Mkr1 1.879652 GHz
9.7558 dBm

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

Center 1.88 GHz
#Res BW 62 kHz   #VBW 180 kHz   Span 6 MHz   #Sweep 100 ms

Frequency

Center Freq
1.880000000 GHz

CF Step
600.000 kHz
Auto   Man

Freq Offset
0 Hz

Occupied Bandwidth		Total Power	24.4 dBm
2.7032 MHz			
Transmit Freq Error	-3.890 kHz	OBW Power	99.00 %
x dB Bandwidth	2.932 MHz	x dB	-26.00 dB

MSG File <PICTURE.png> saved   STATUS

4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0
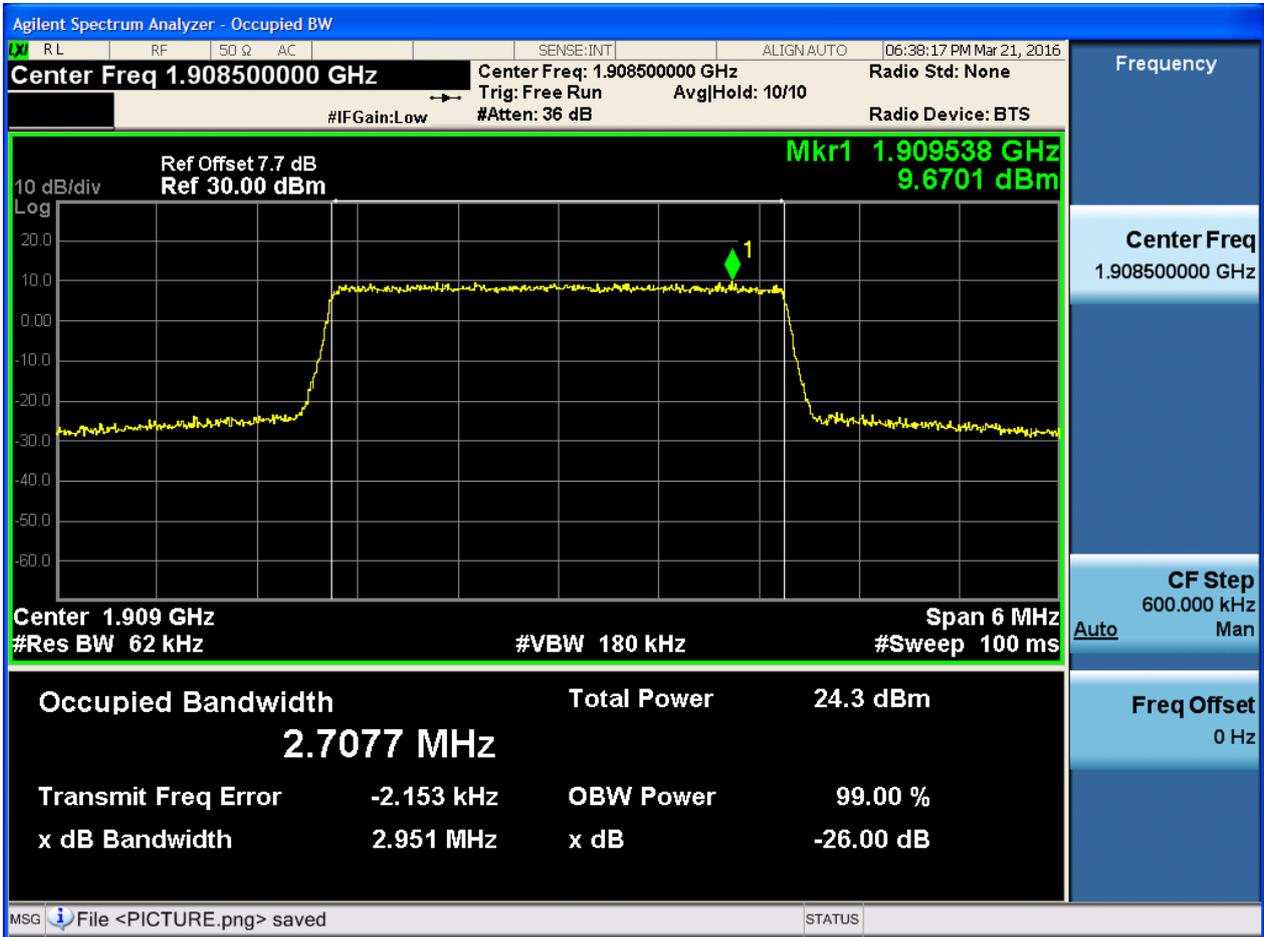
4.1.1.1.3 Test Bandwidth = 5

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
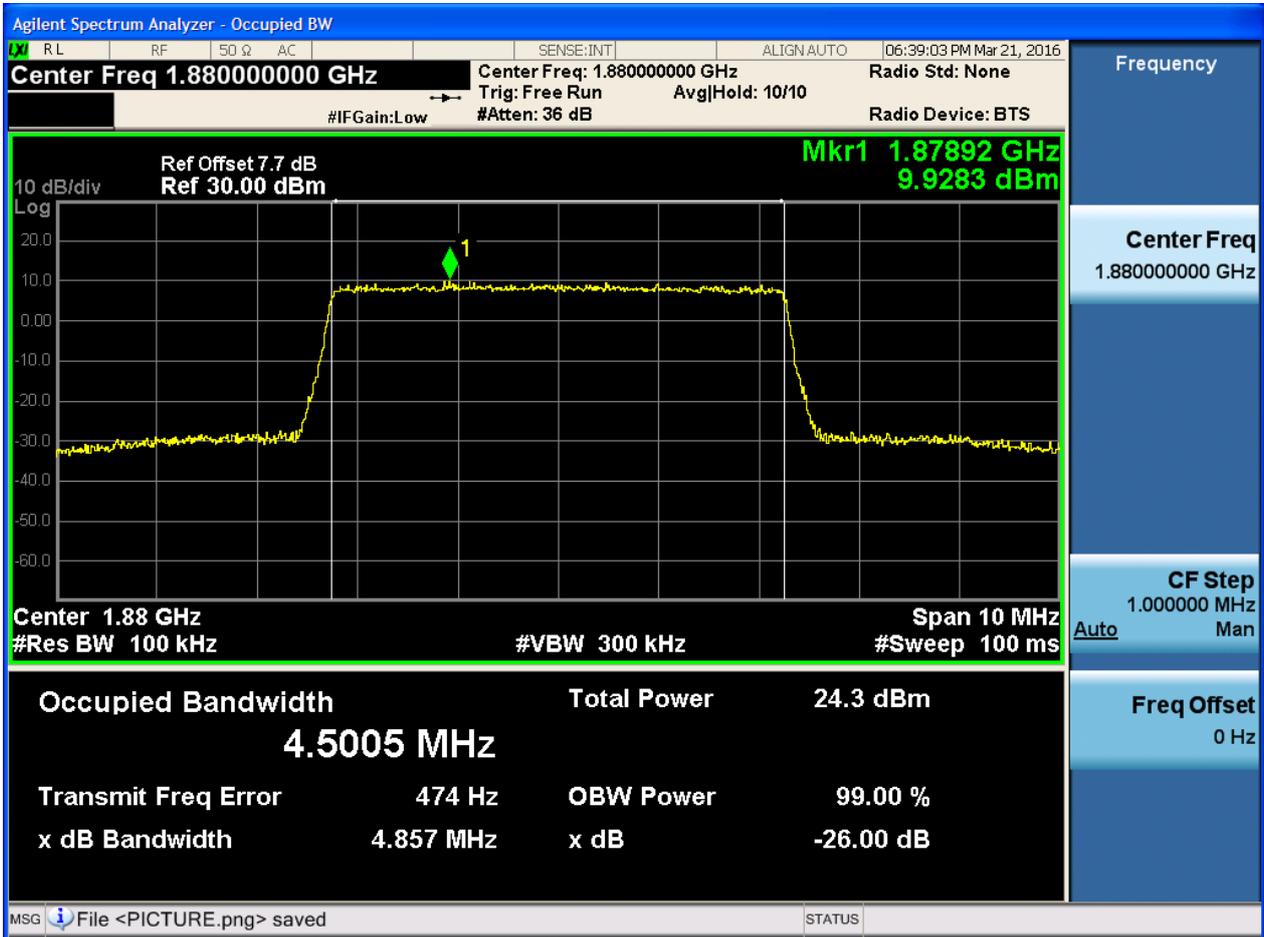
4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0
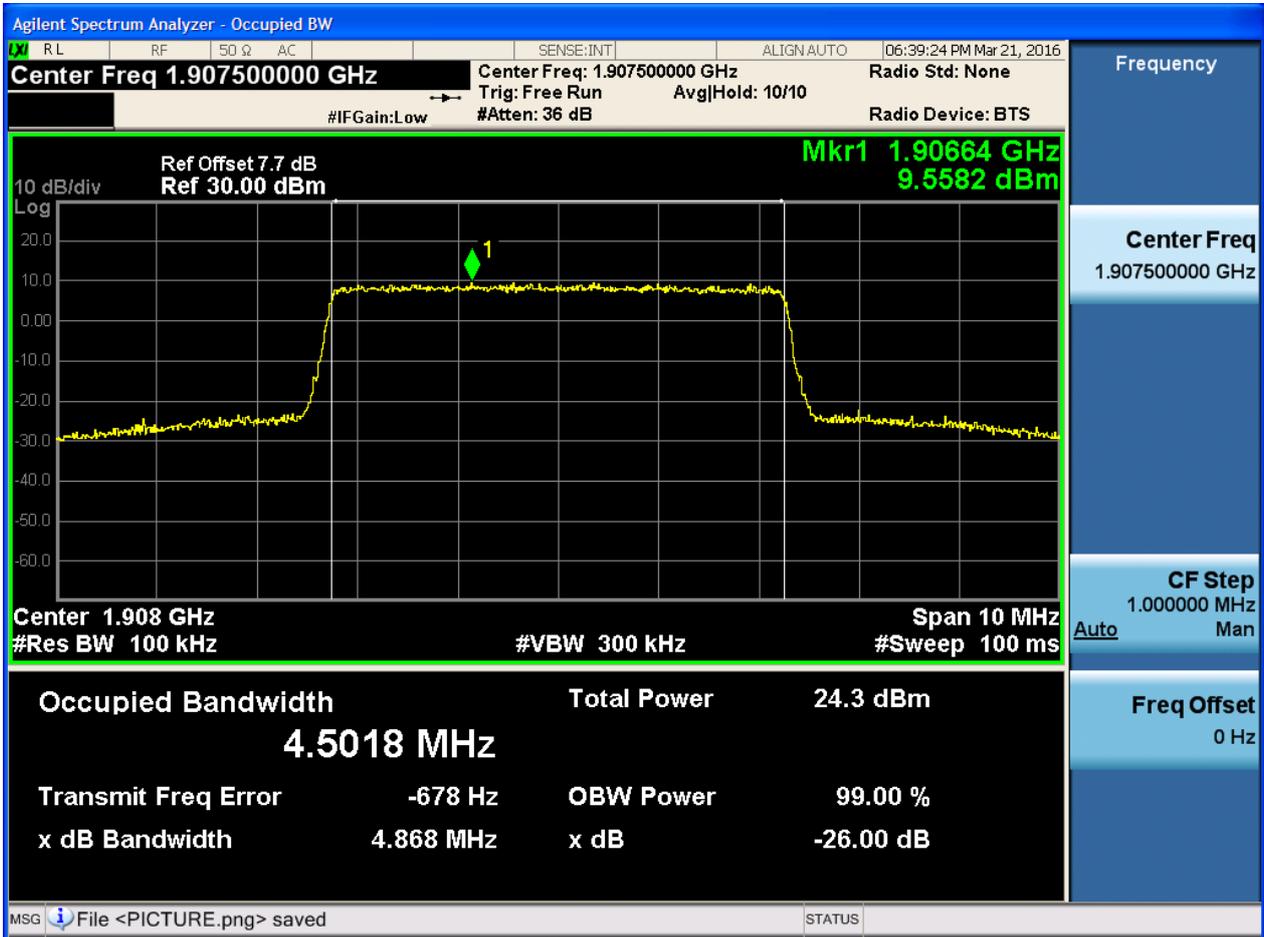
4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0
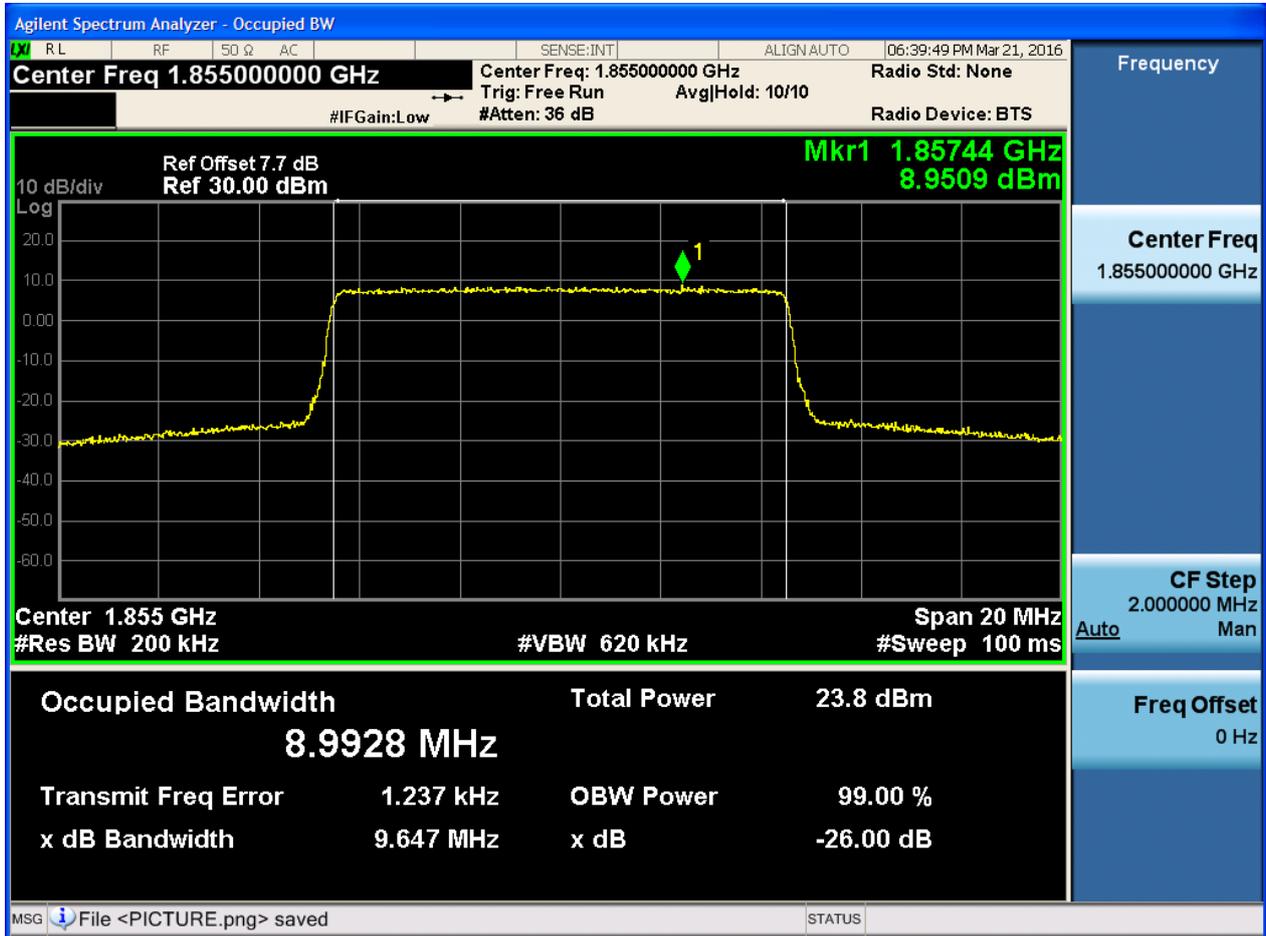
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0
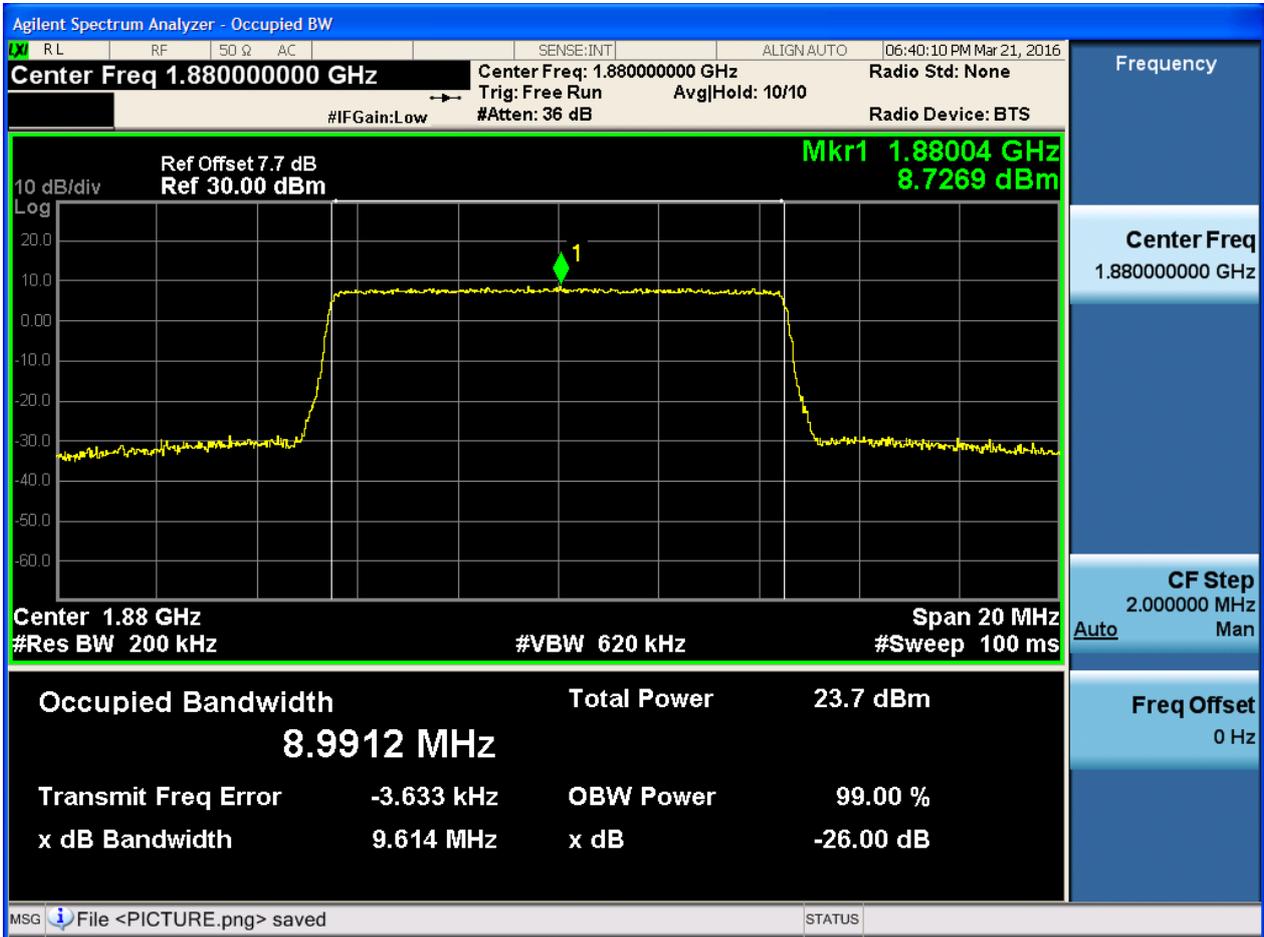
4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0
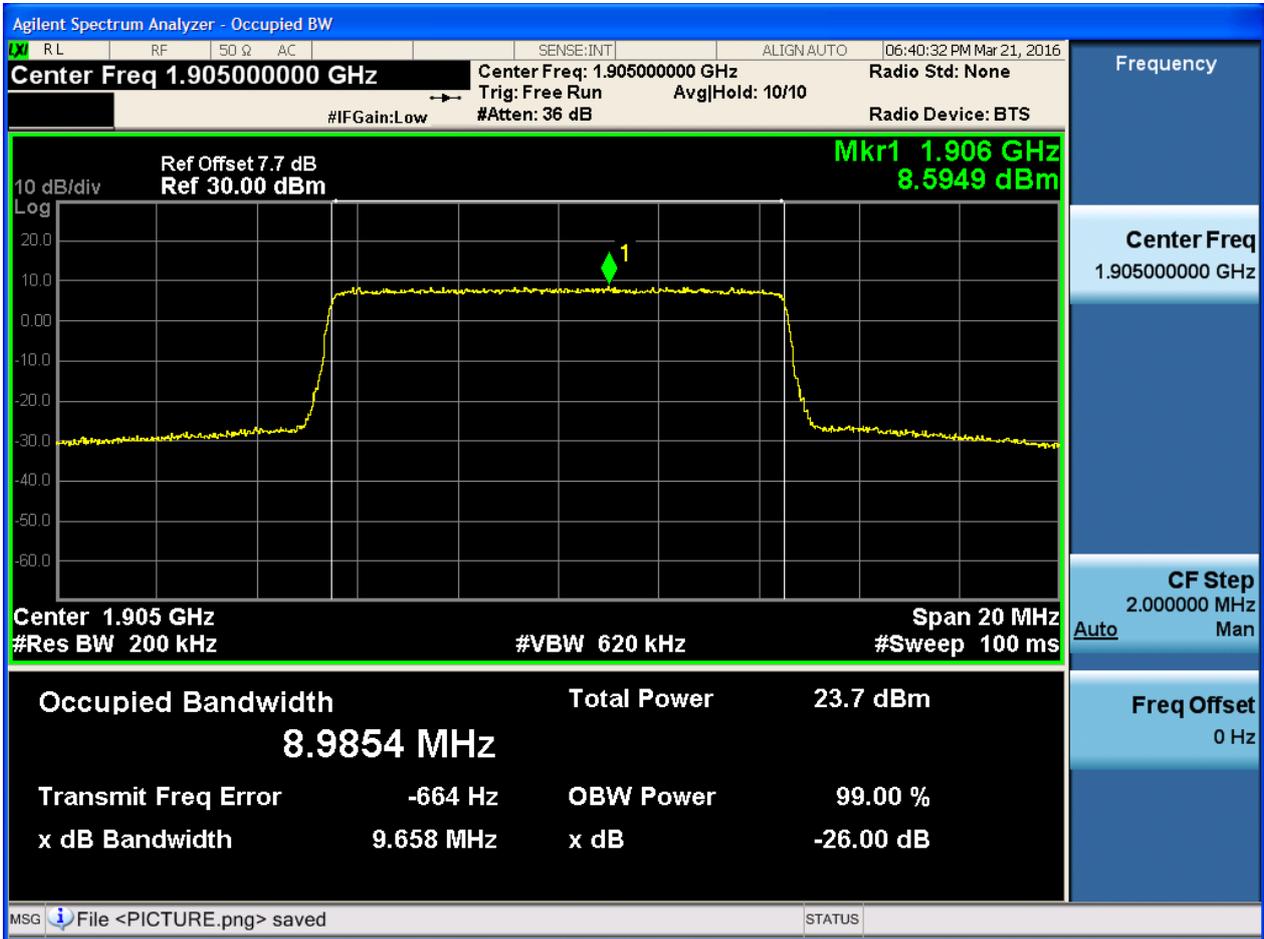
4.1.1.1.5 Test Bandwidth = 15

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
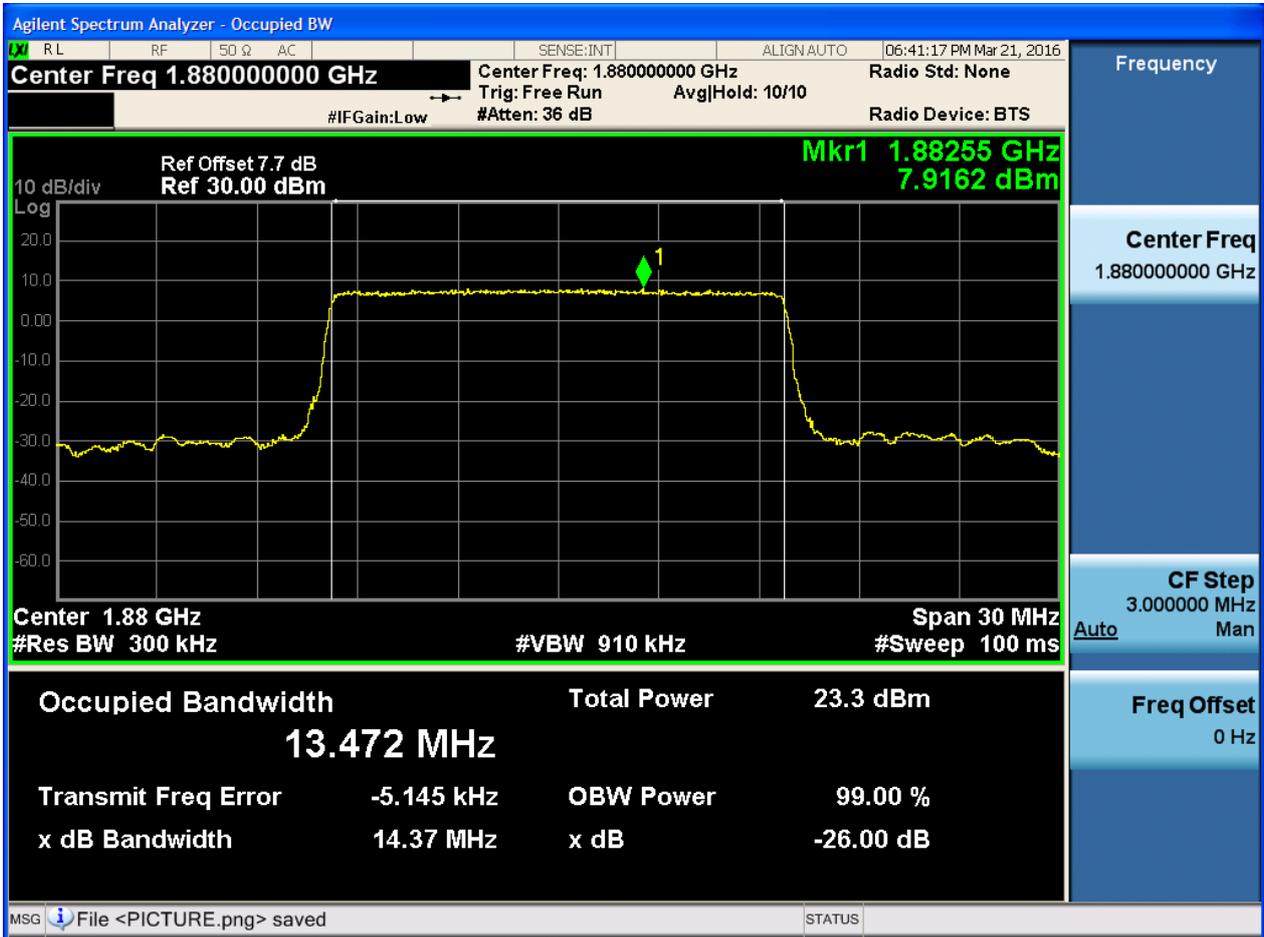
4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0
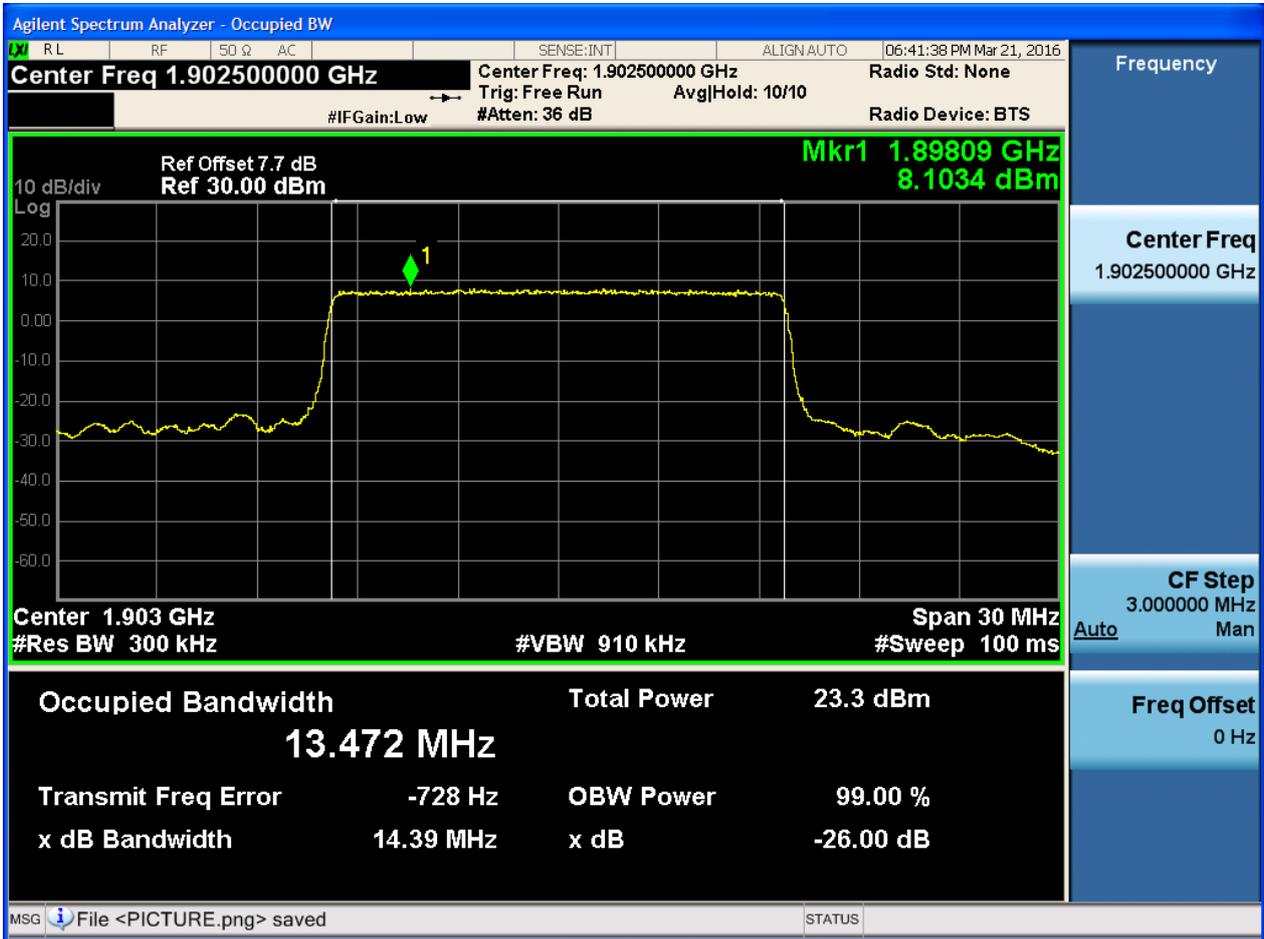
4.1.1.1.6 Test Bandwidth = 20

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

Agilent Spectrum Analyzer - Occupied BW

LXI R L · RF · 50 Ω · AC · SENSE:INT · ALIGN AUTO · 06:42:24 PM Mar 21, 2016

Center Freq 1.880000000 GHz

Center Freq: 1.880000000 GHz · Radio Std: None
Trig: Free Run · Avg|Hold: 10/10
#IFGain:Low · #Atten: 36 dB · Radio Device: BTS

Mkr1 1.87988 GHz
7.2756 dBm

Ref Offset 7.7 dB
10 dB/div · Ref 30.00 dBm
Log

Center 1.88 GHz · Span 40 MHz
#Res BW 390 kHz · #VBW 1.2 MHz · #Sweep 100 ms

Occupied Bandwidth	Total Power	22.6 dBm
17.939 MHz		
Transmit Freq Error	-9.948 kHz	OBW Power	99.00 %
x dB Bandwidth	19.04 MHz	x dB	-26.00 dB

MSG File <PICTURE.png> saved · STATUS

Frequency

Center Freq
1.880000000 GHz

CF Step
4.000000 MHz
Auto · Man

Freq Offset
0 Hz

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
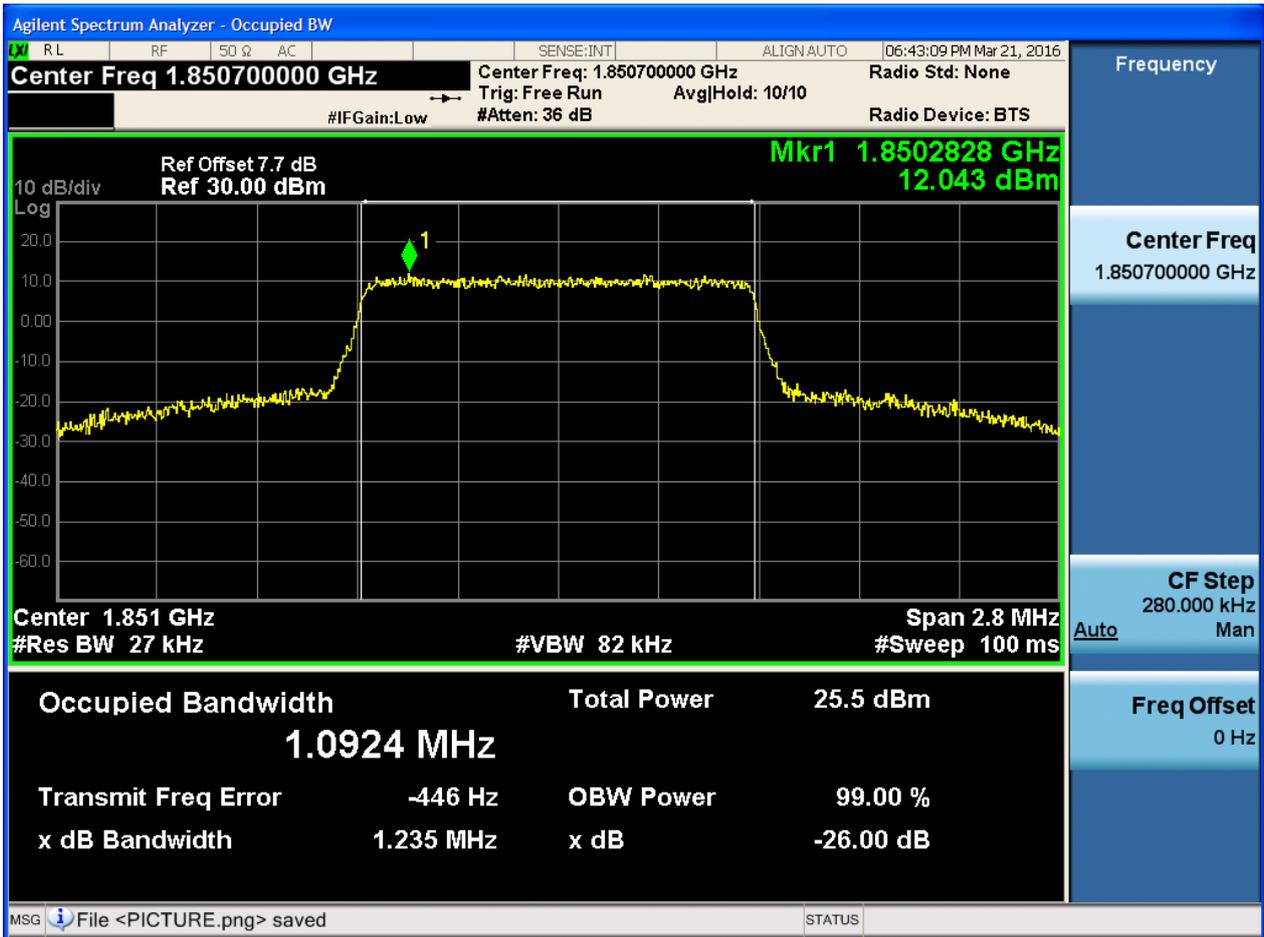
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0
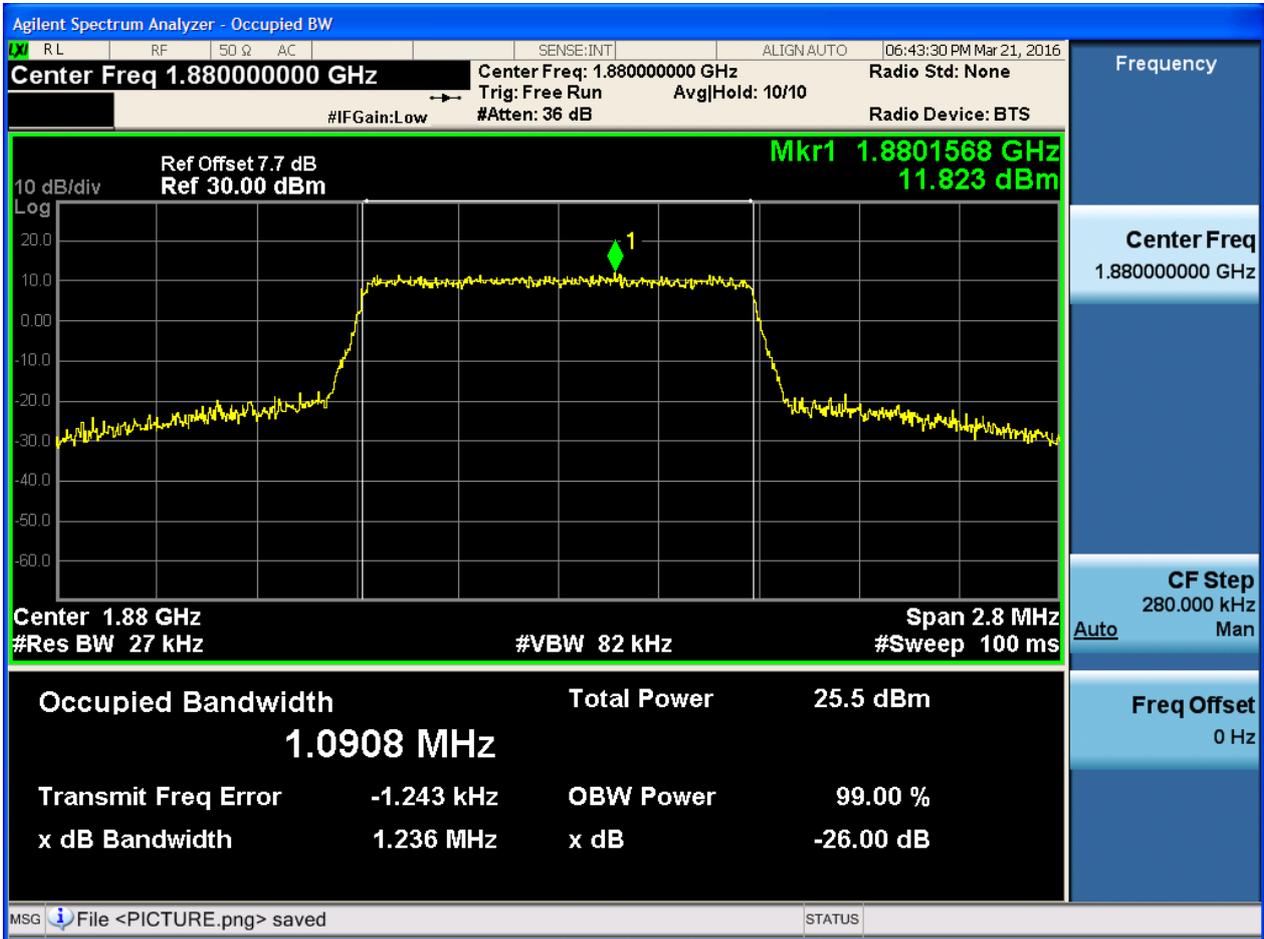
4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0
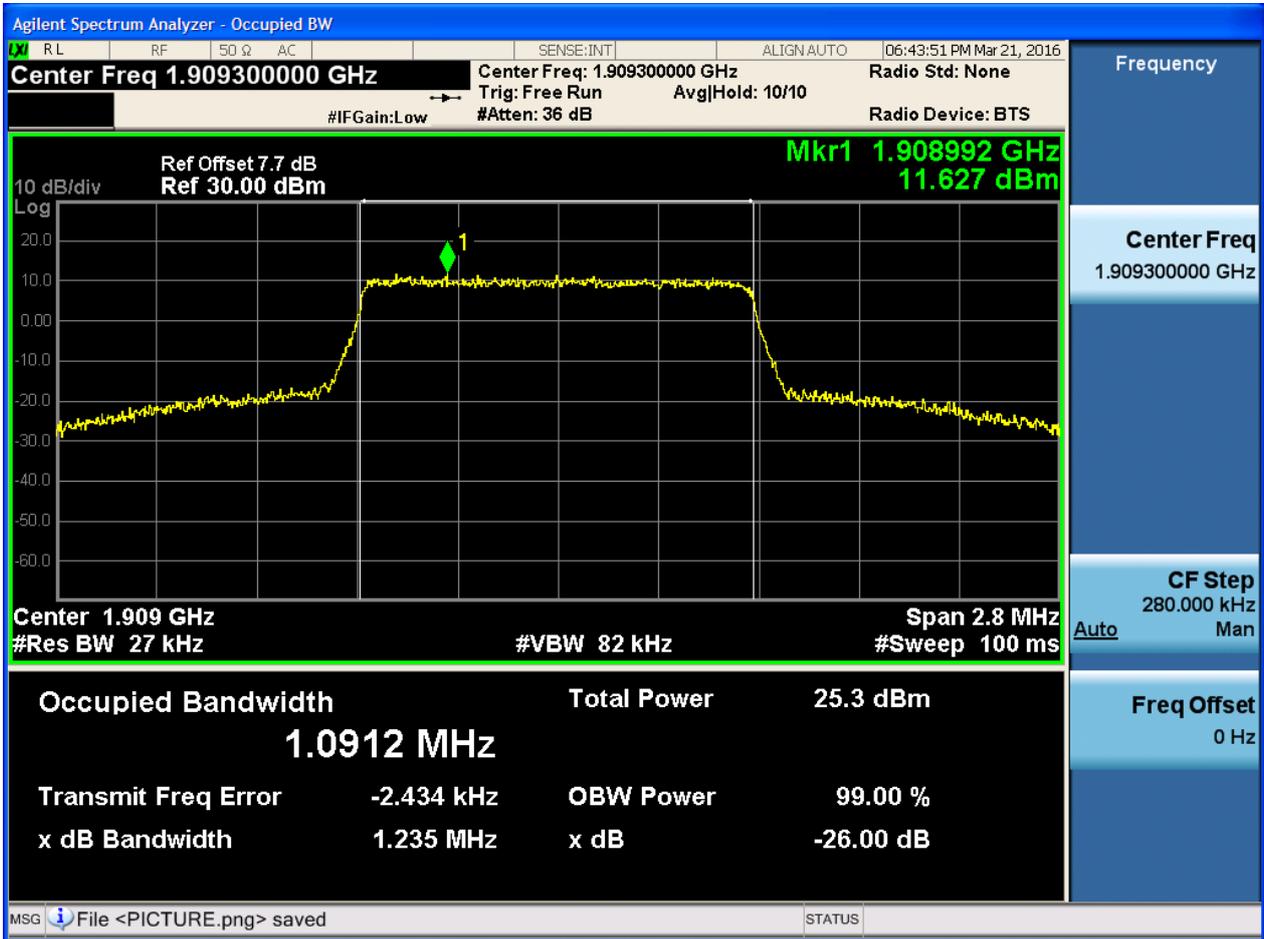
4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0
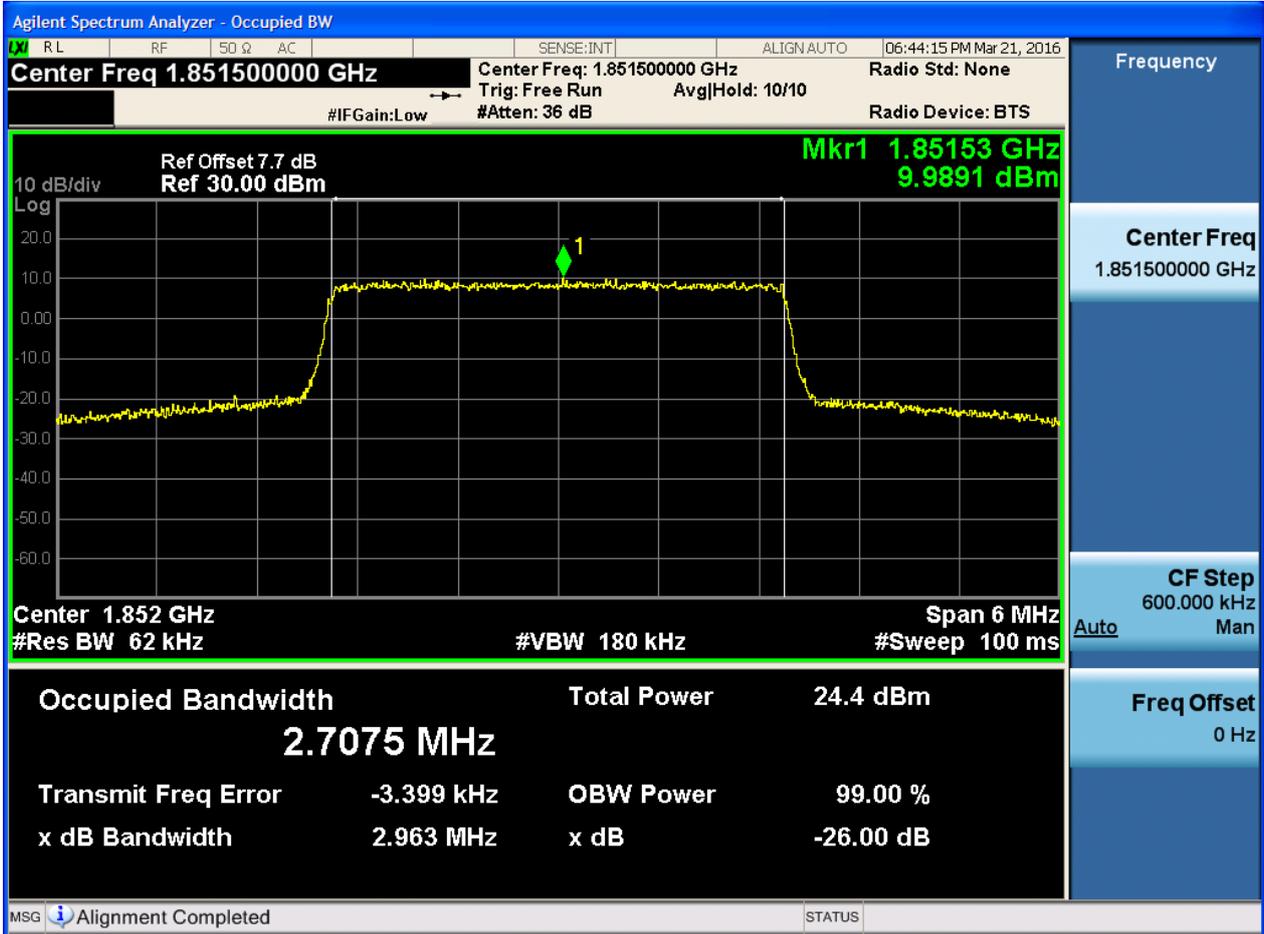
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0
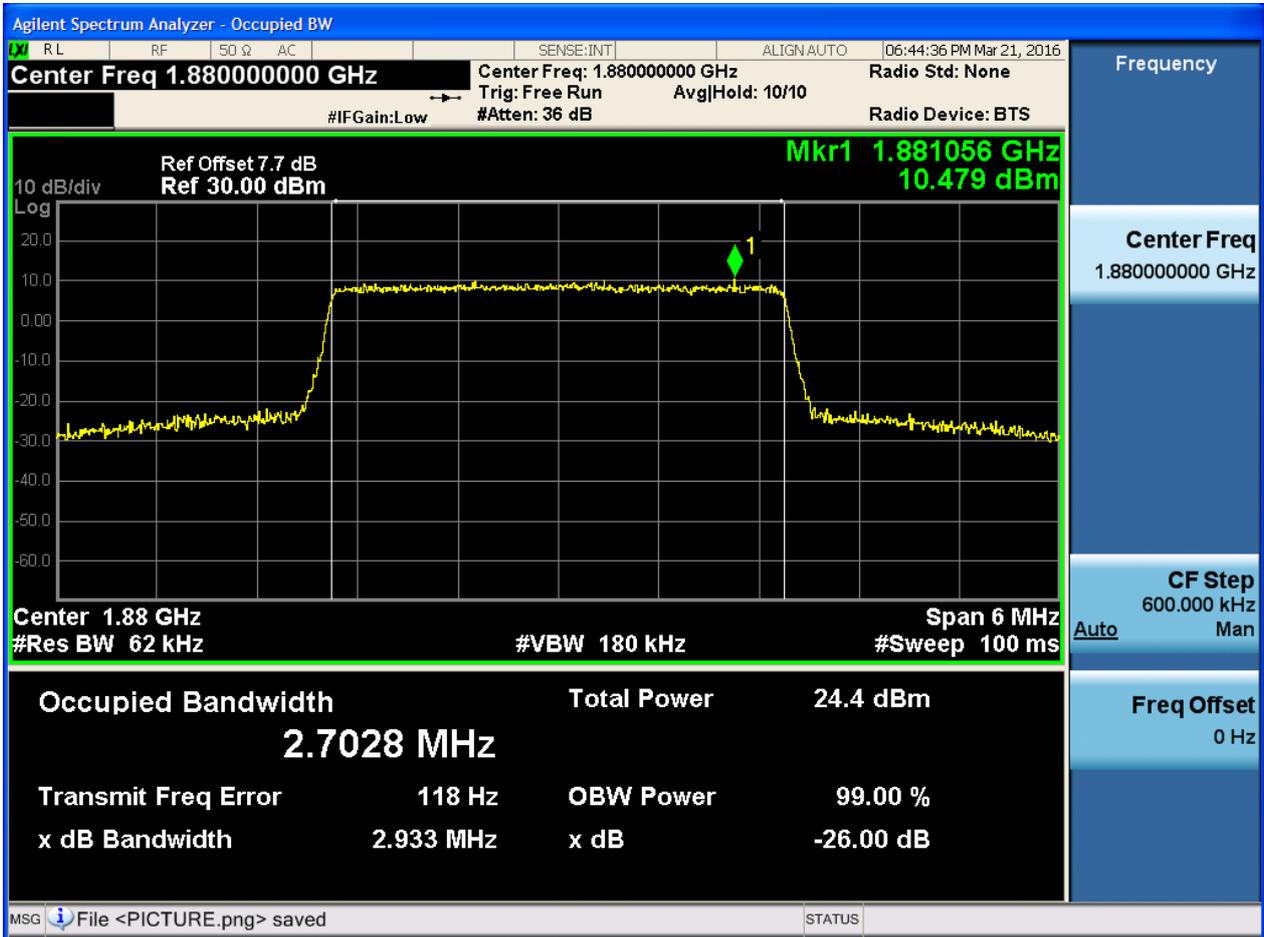
4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0
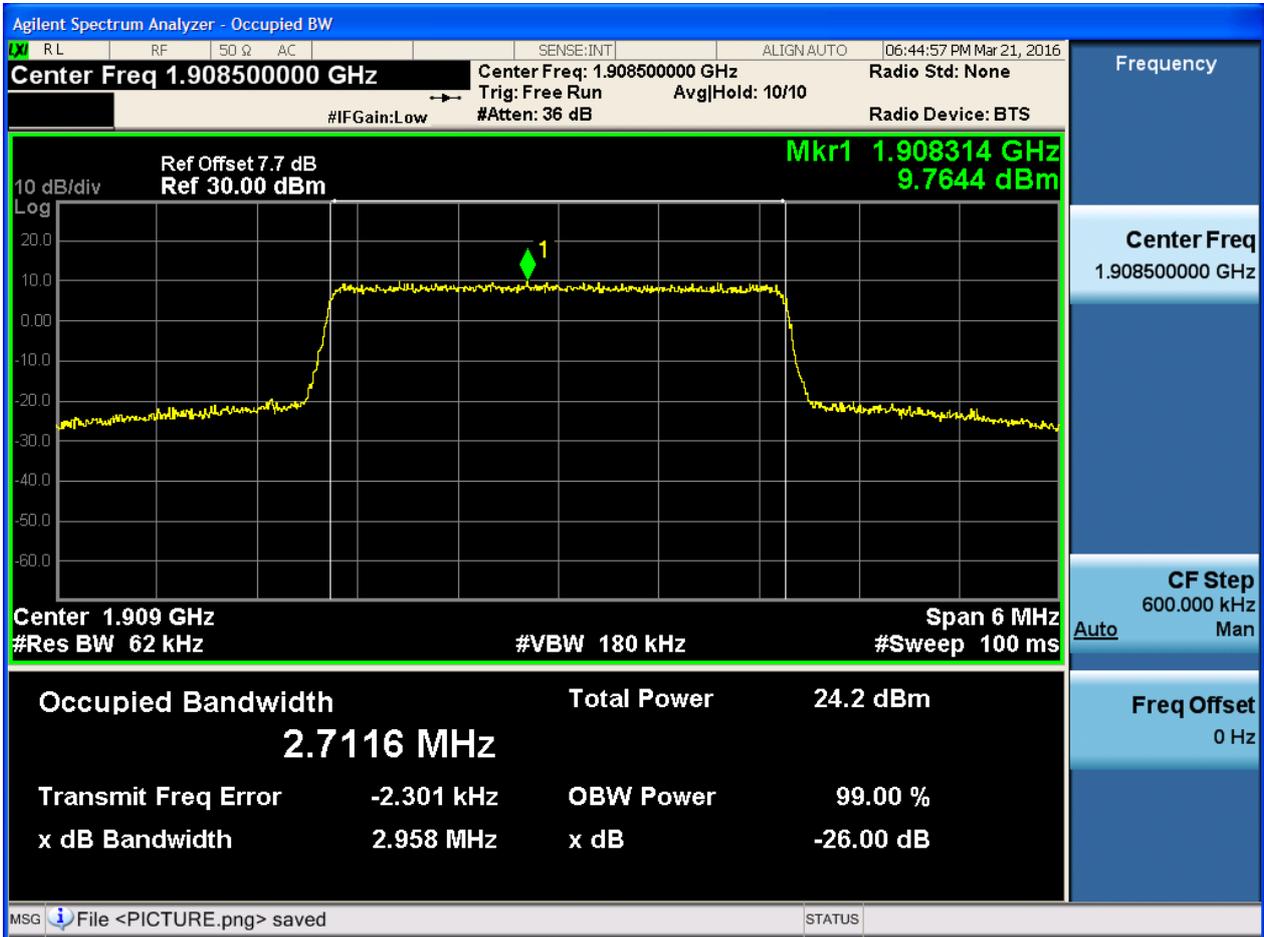
4.1.1.2.3 Test Bandwidth = 5

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
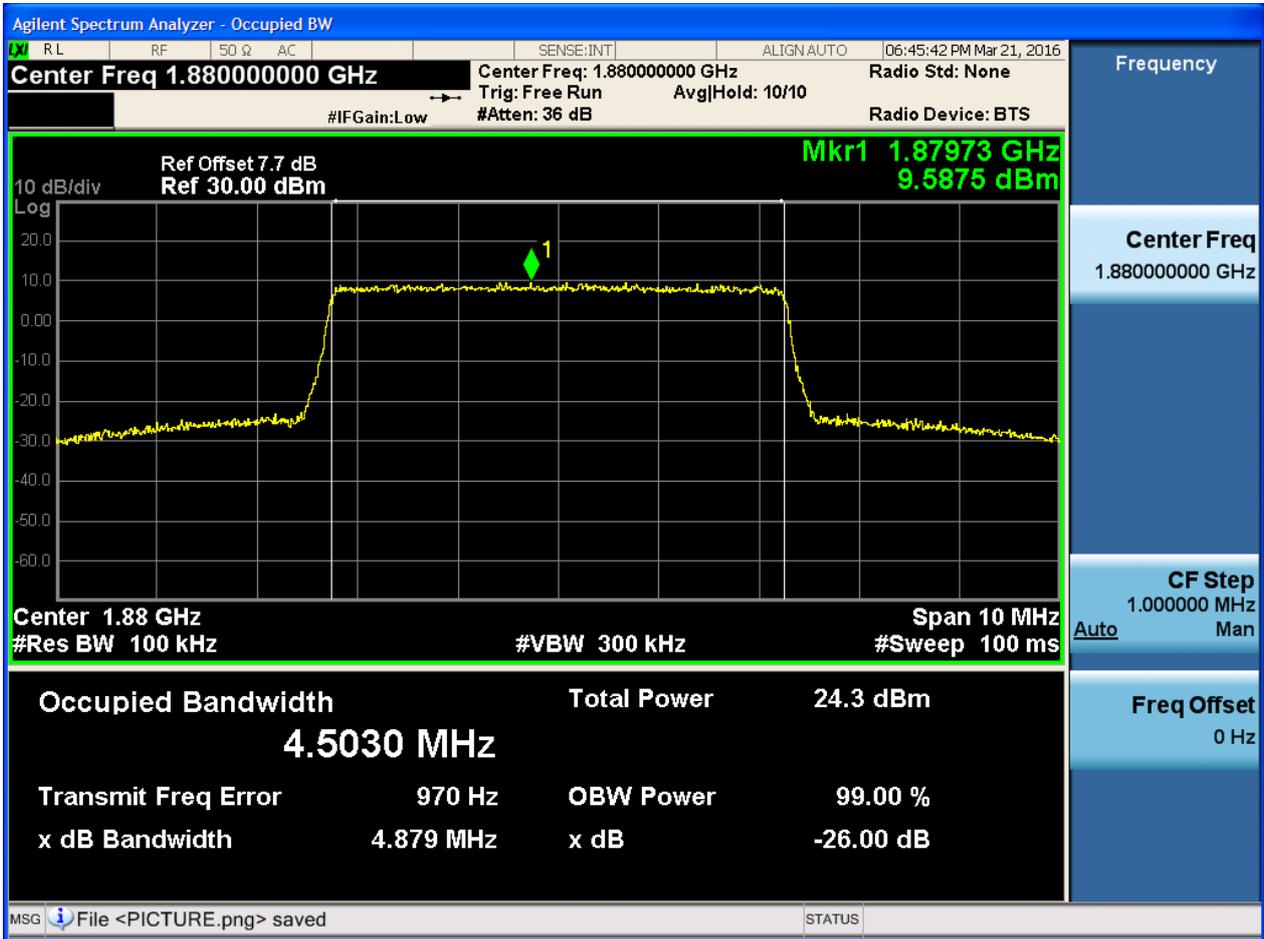
4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0
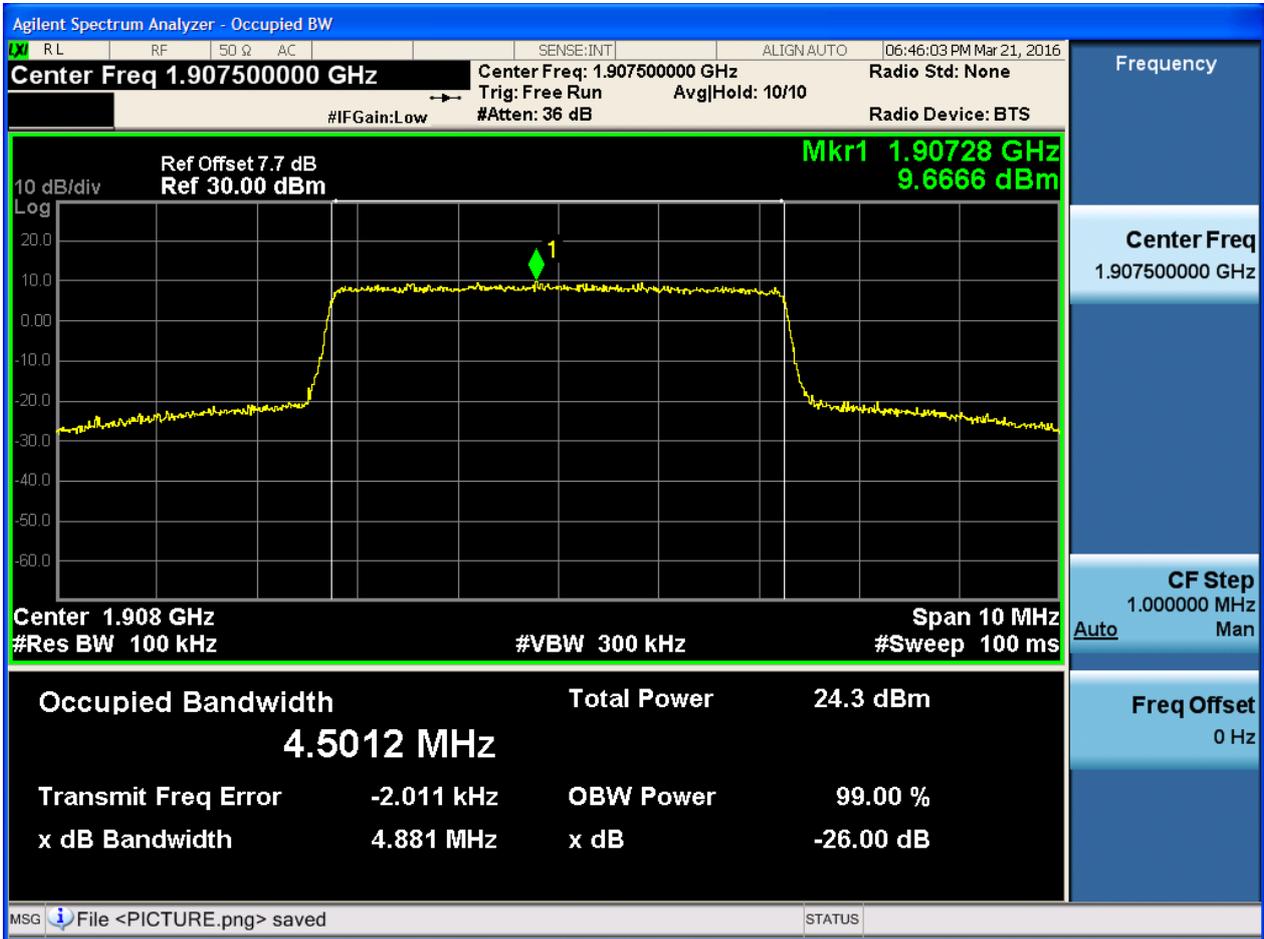
4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0
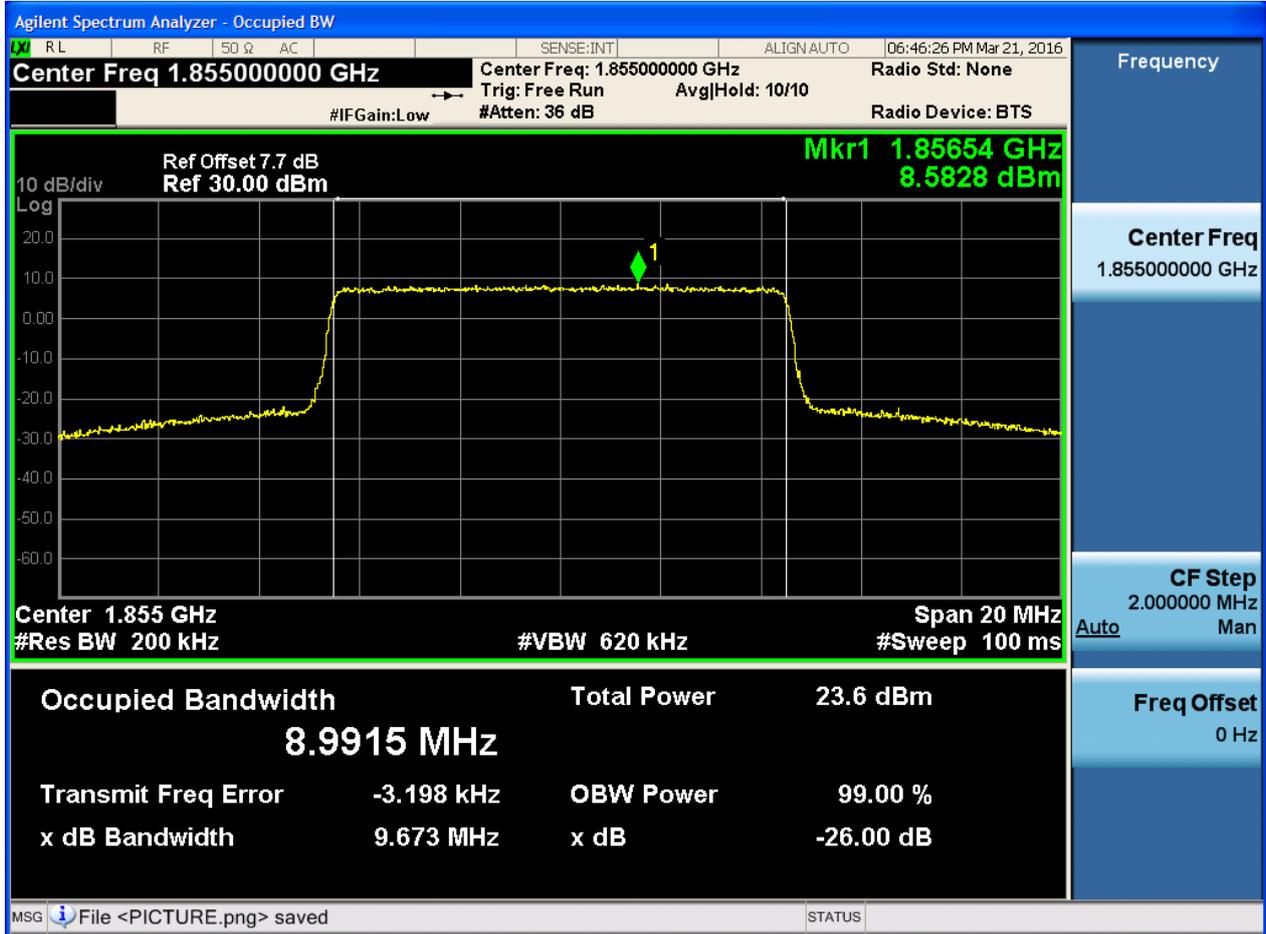
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0
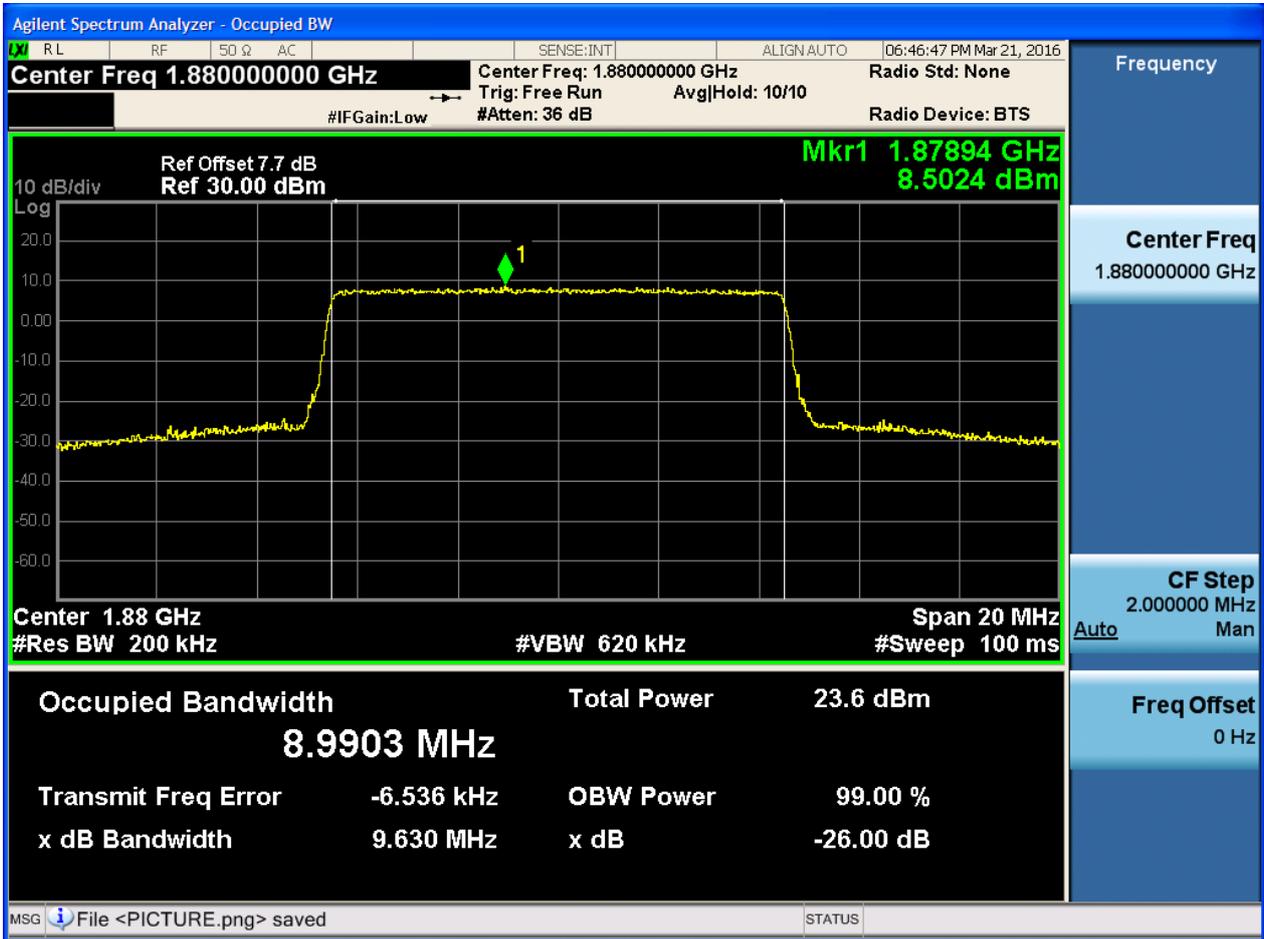
4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0
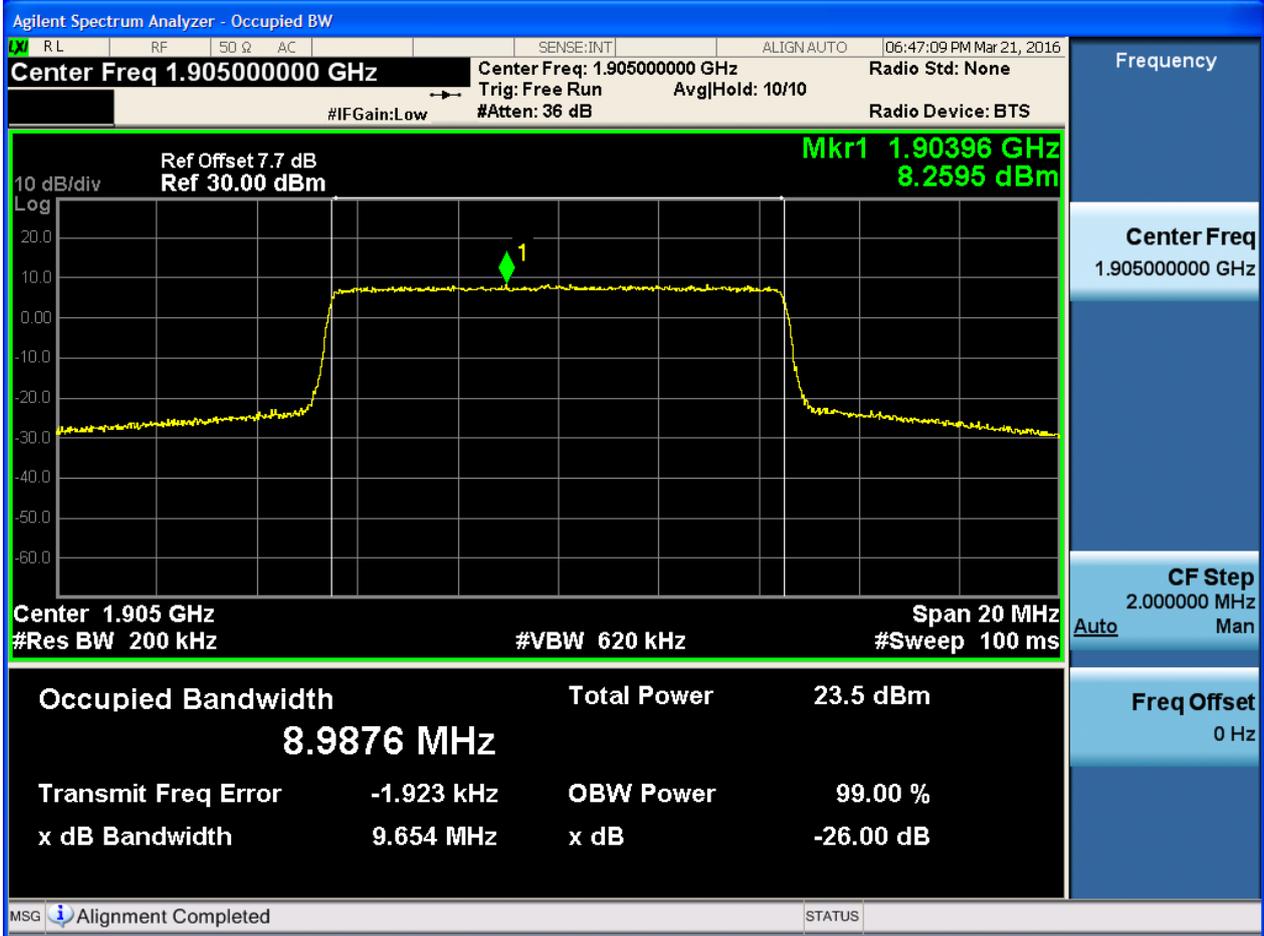
4.1.1.2.5 Test Bandwidth = 15

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
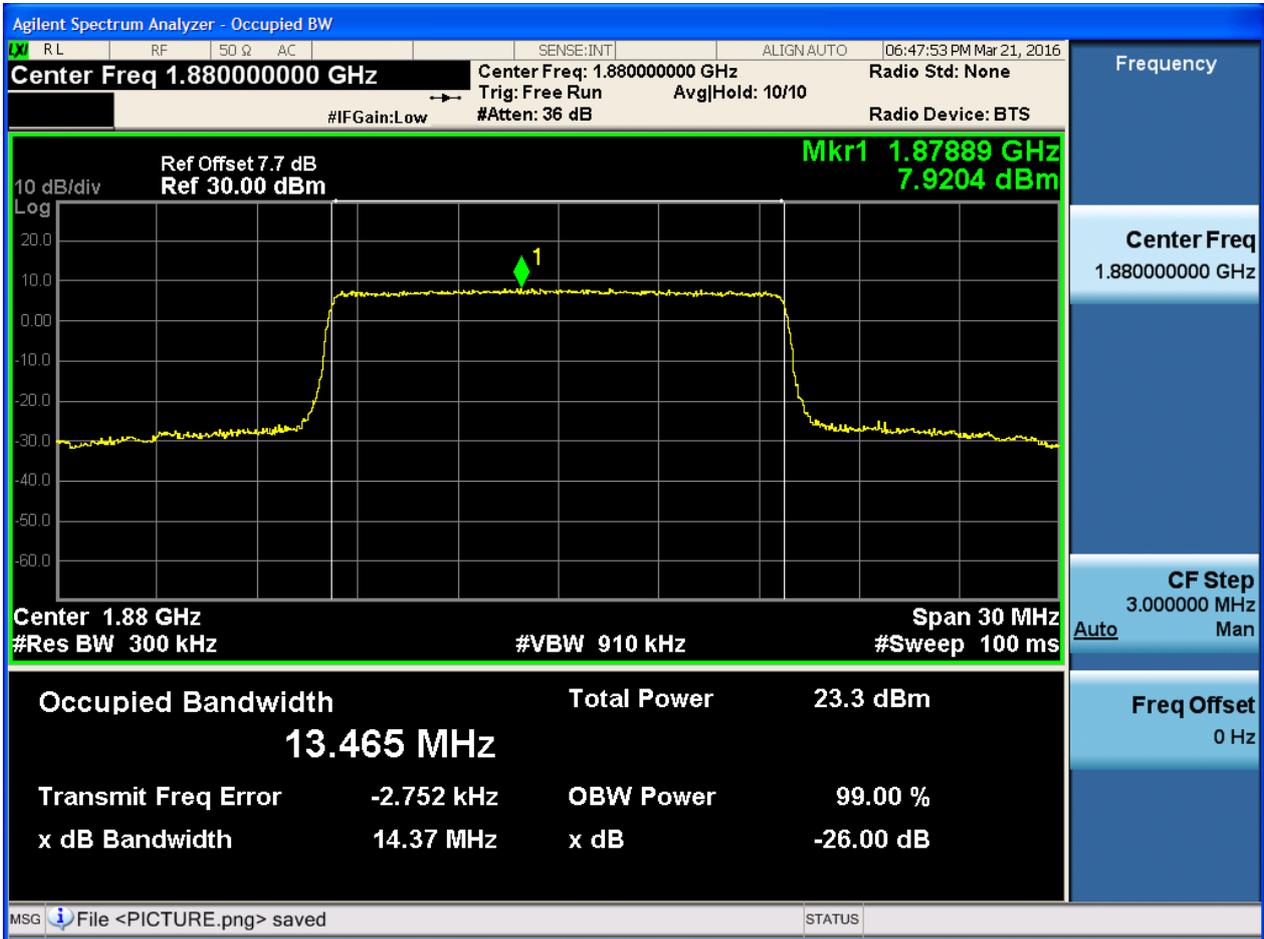
4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0
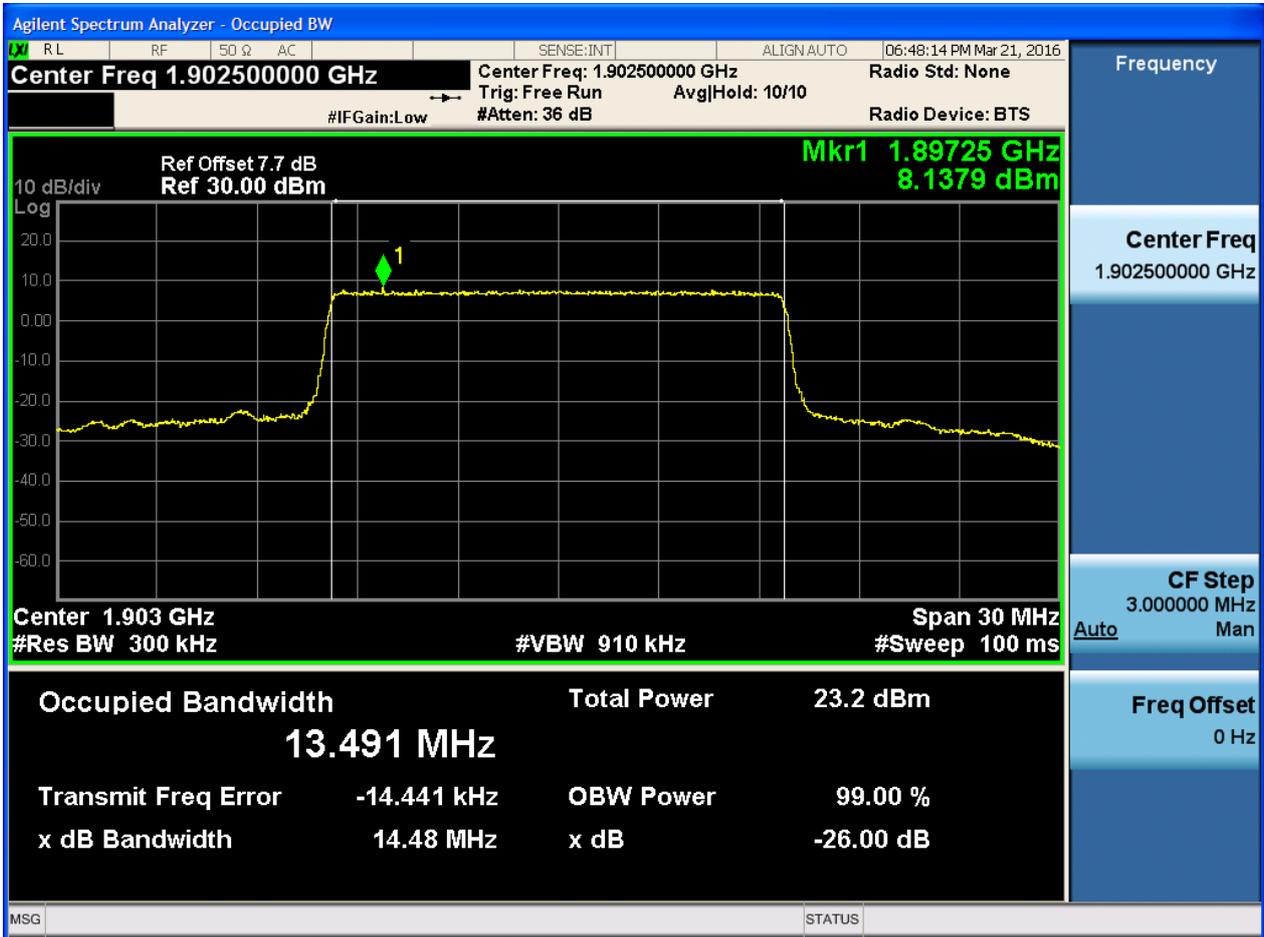
4.1.1.2.6 Test Bandwidth = 20

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
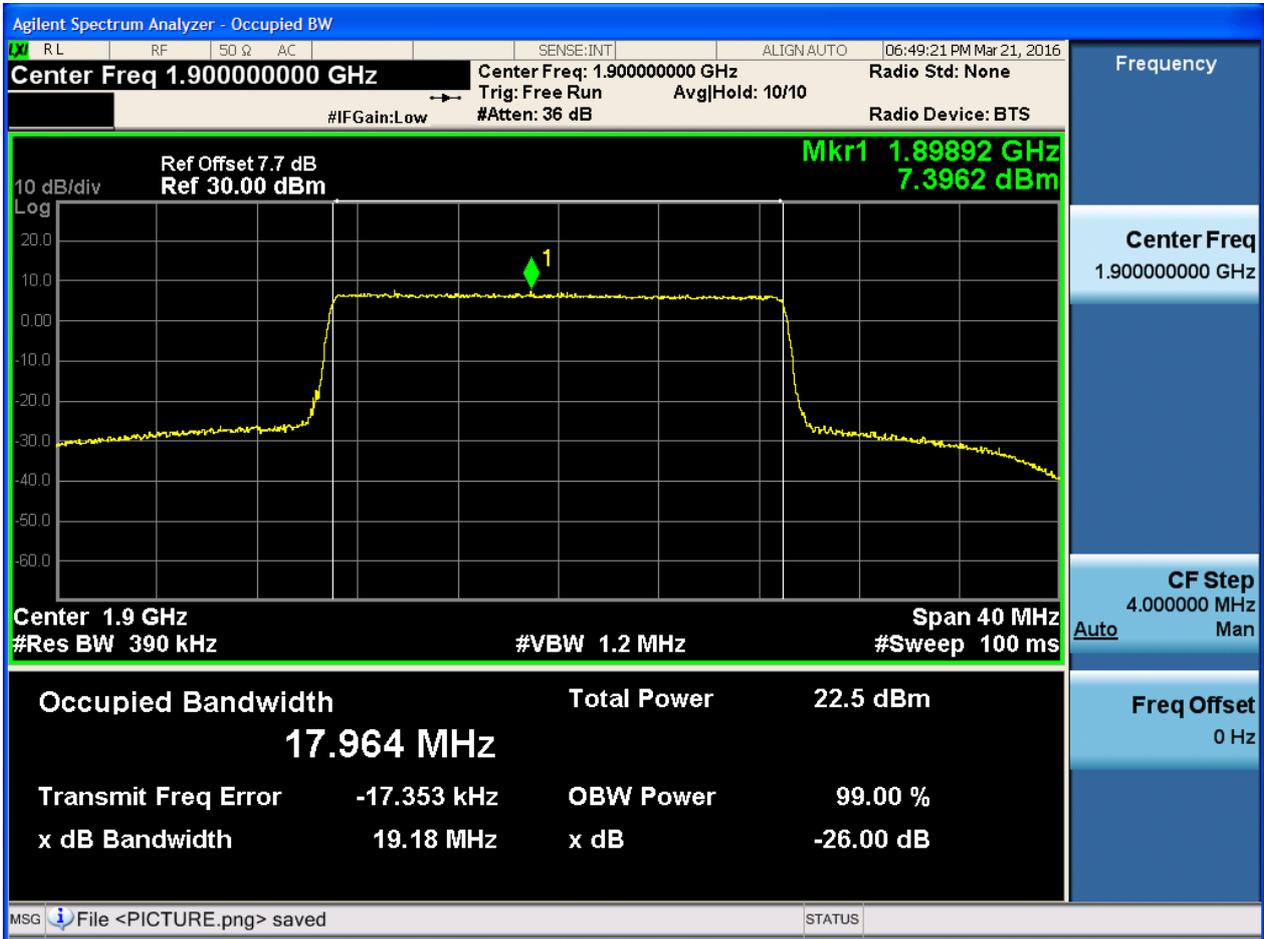
5Appendix_E: Band Edges Compliance

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

5.1.1.1.1.1.2 Test RB = RB1#5

5.1.1.1.1.1.3 Test RB = RB3#2

5.1.1.1.1.1.4 Test RB = RB6#0

5.1.1.1.1.2 Test Channel = HCH

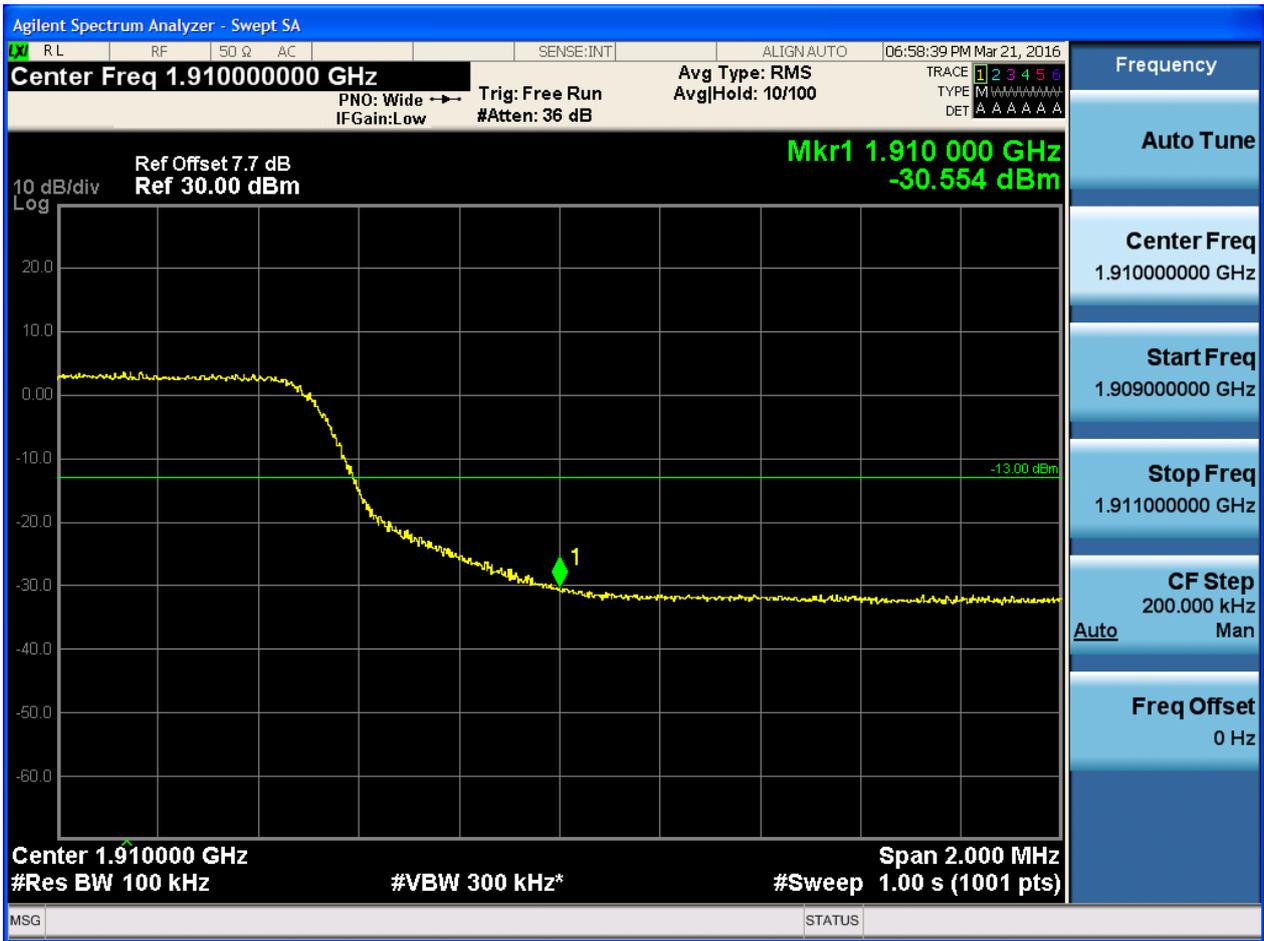### 5.1.1.1.1.2.1 Test RB = RB1#0

5.1.1.1.1.2.2 Test RB = RB1#5

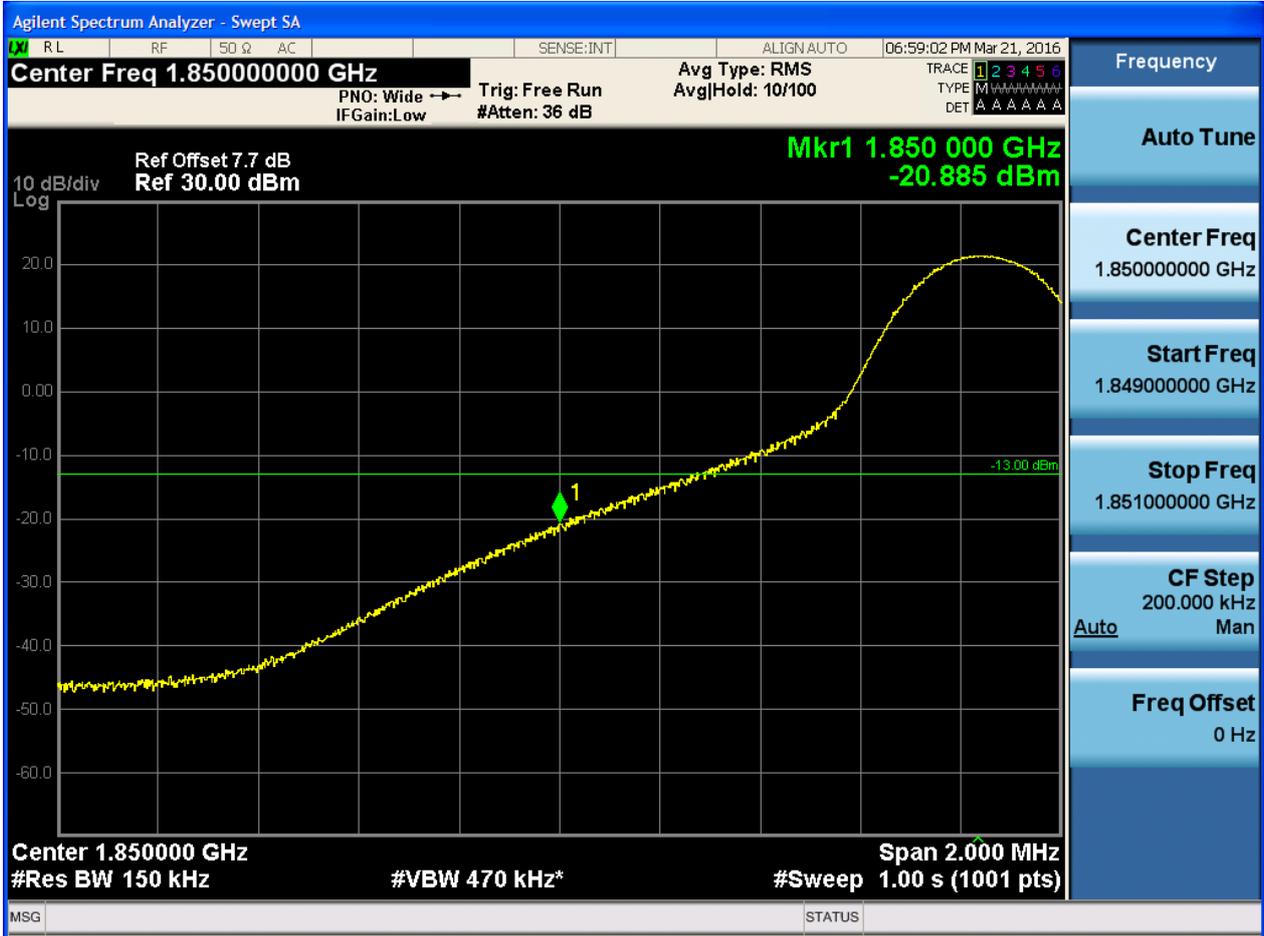## 5.1.1.1.1.2.3 Test RB = RB3#2

5.1.1.1.1.2.4 Test RB = RB6#0

5.1.1.1.2 Test Bandwidth = 3

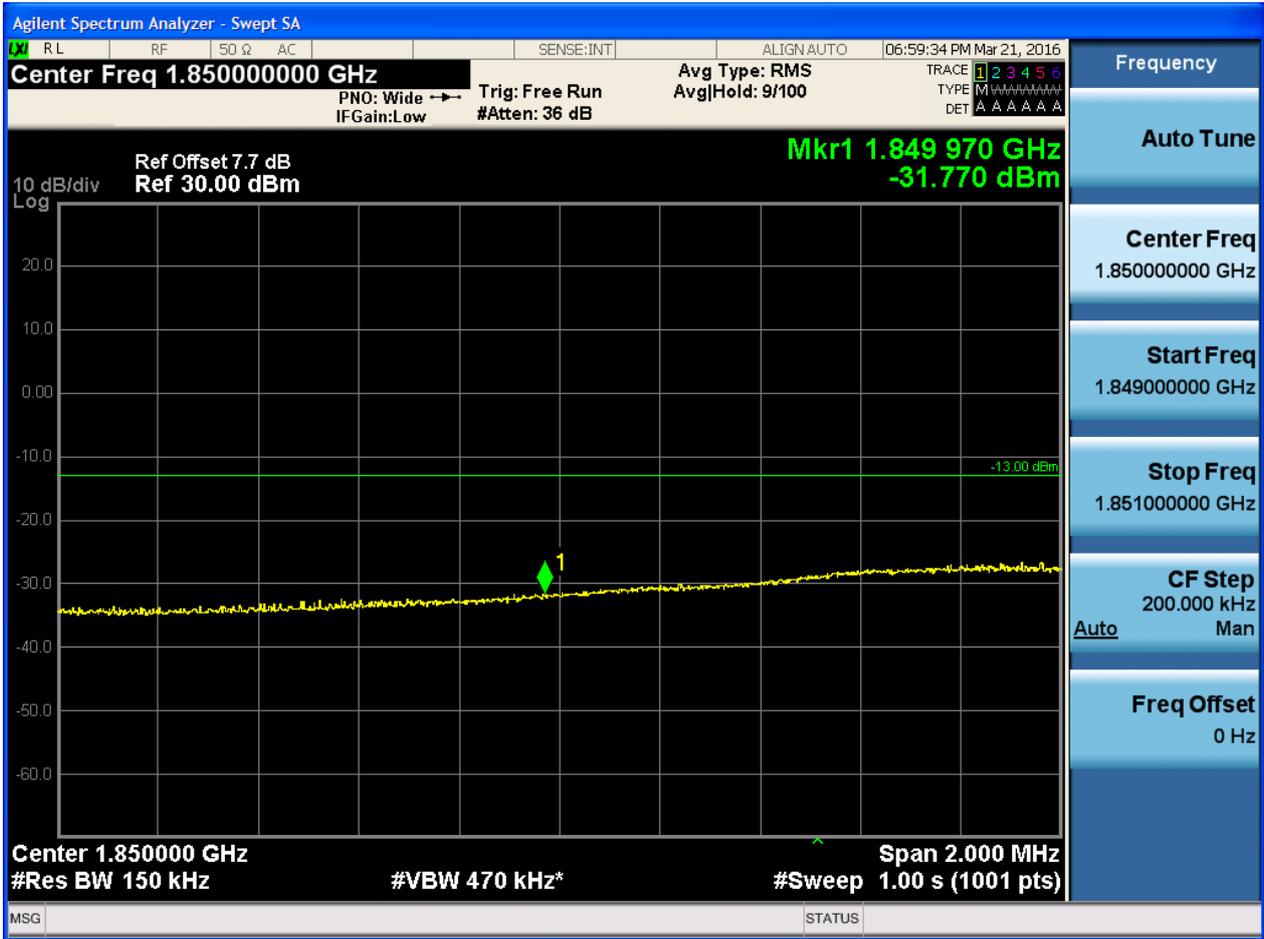## 5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0
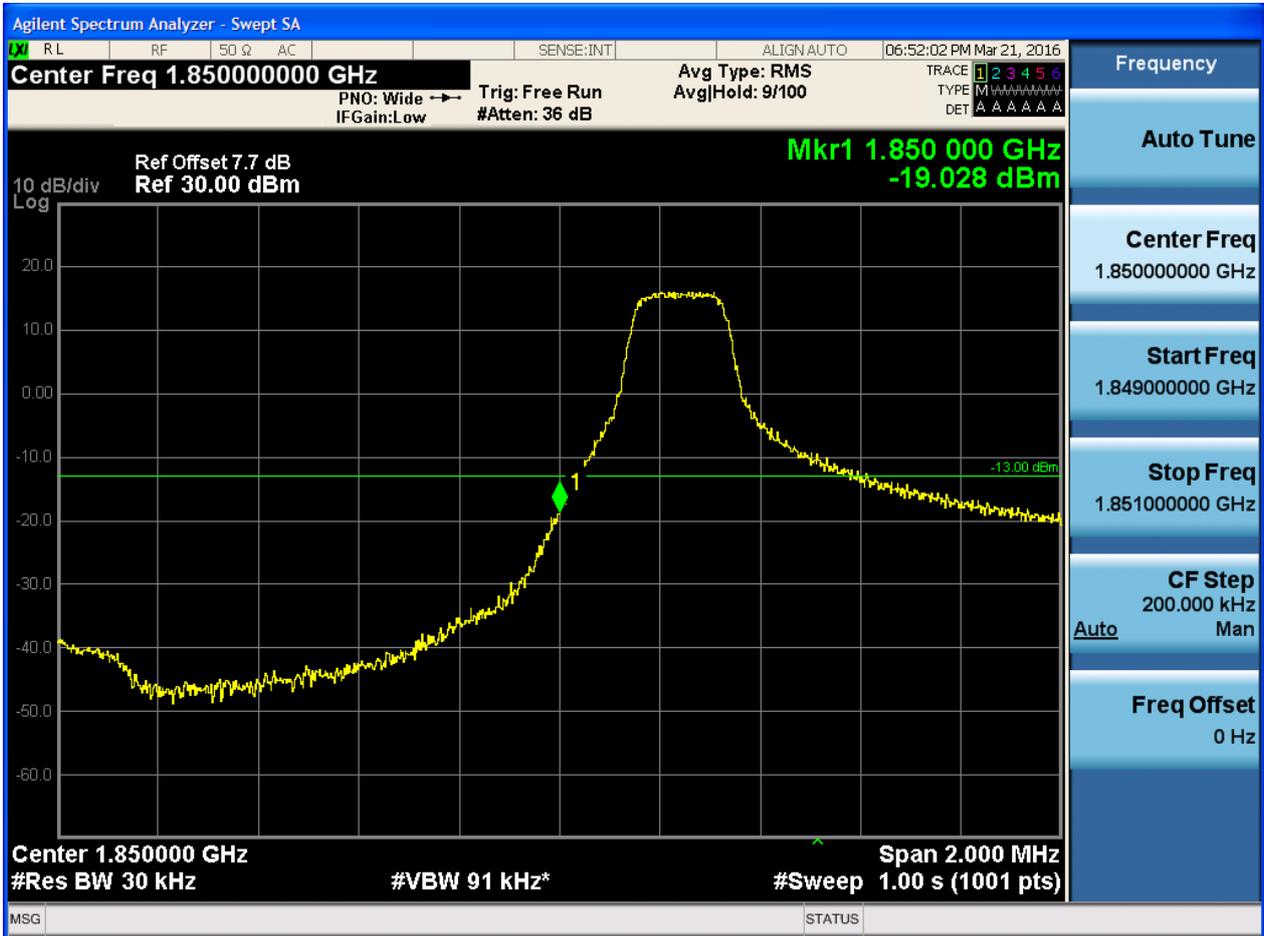
5.1.1.1.2.1.2 Test RB = RB1#14

5.1.1.1.2.1.3 Test RB = RB8#4

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Copyright © Huawei Technologies Co., Ltd.
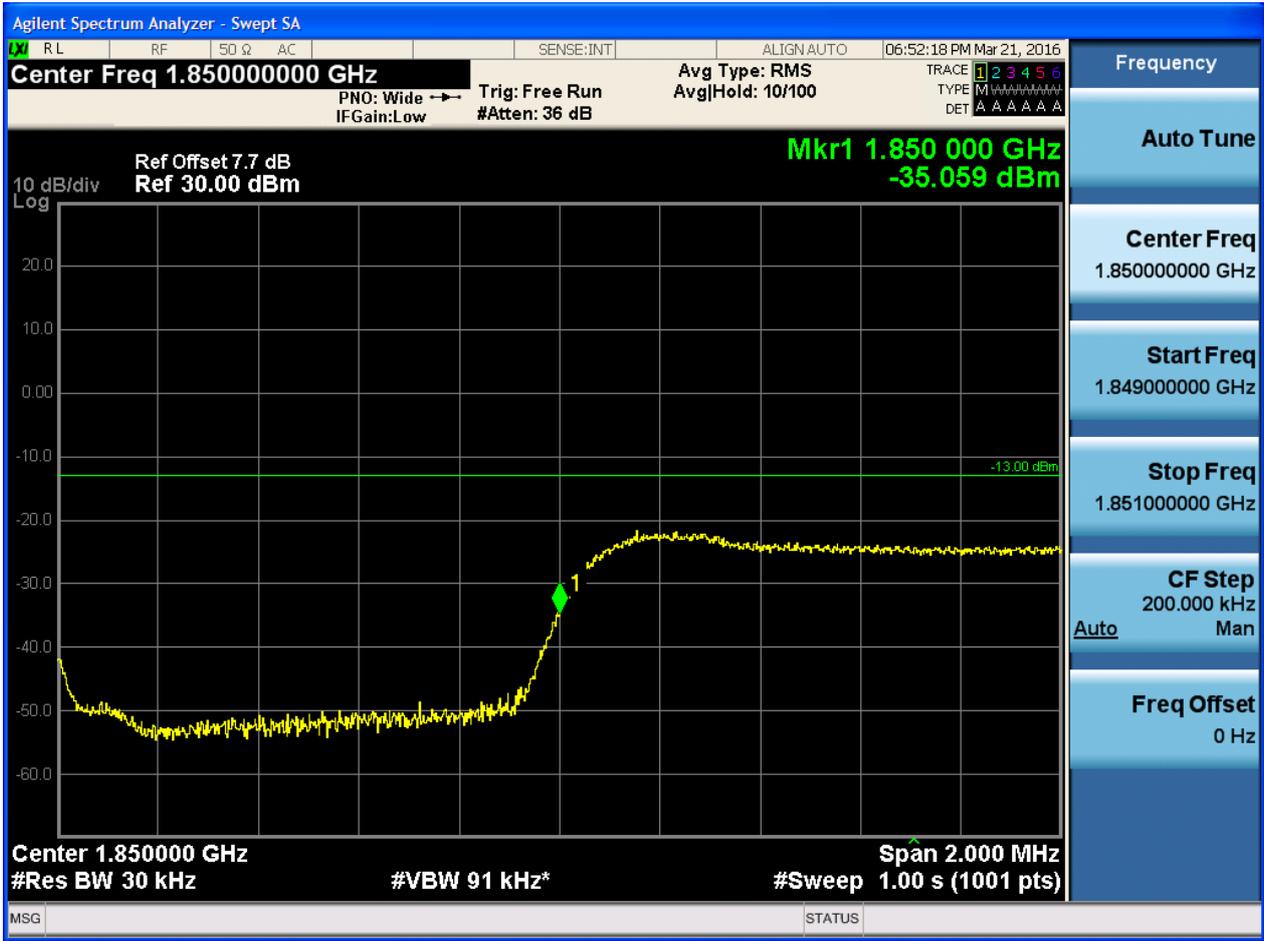
5.1.1.1.2.1.4 Test RB = RB15#0

5.1.1.1.2.2 Test Channel = HCH
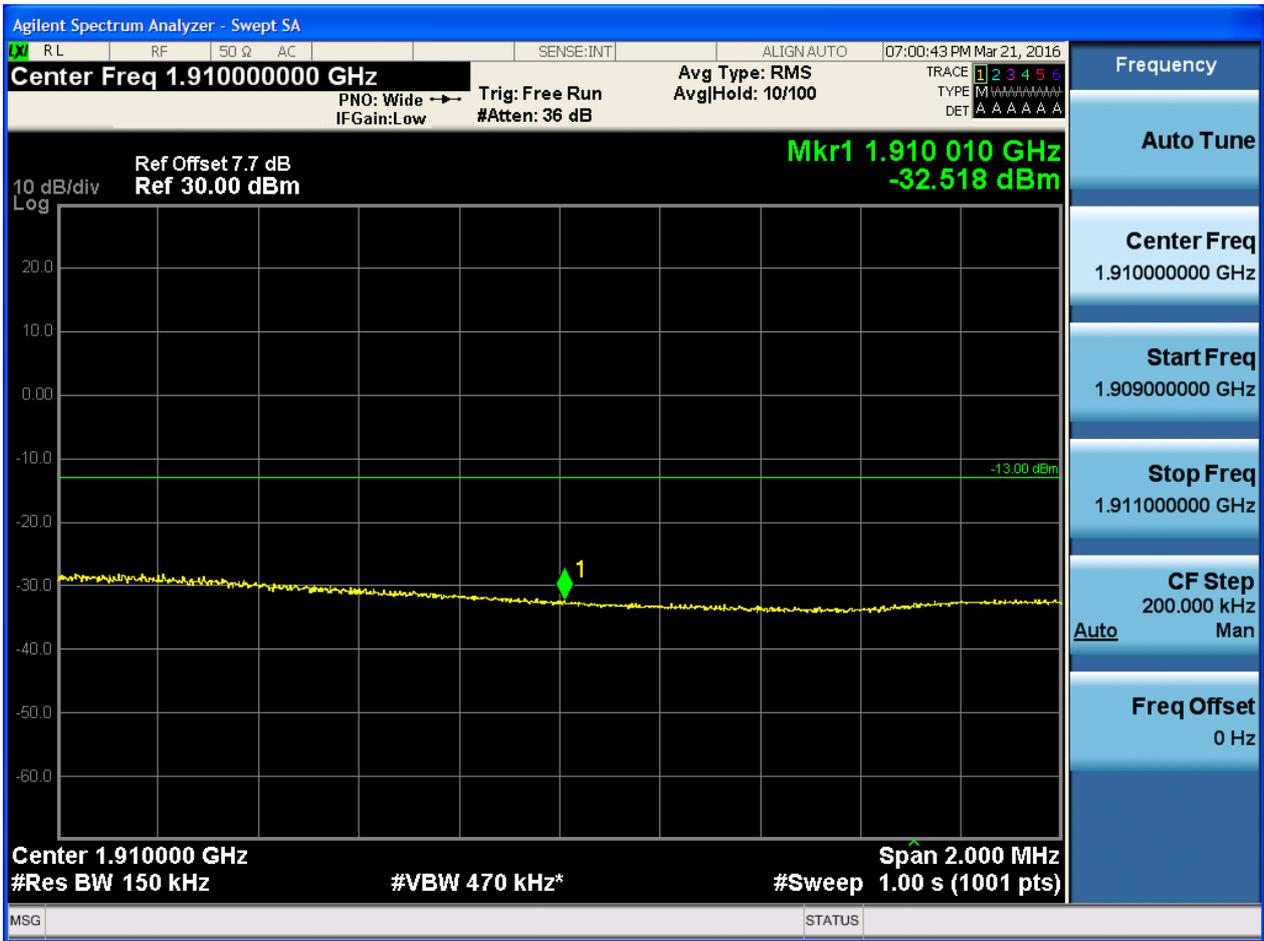
5.1.1.1.2.2.1 Test RB = RB1#0
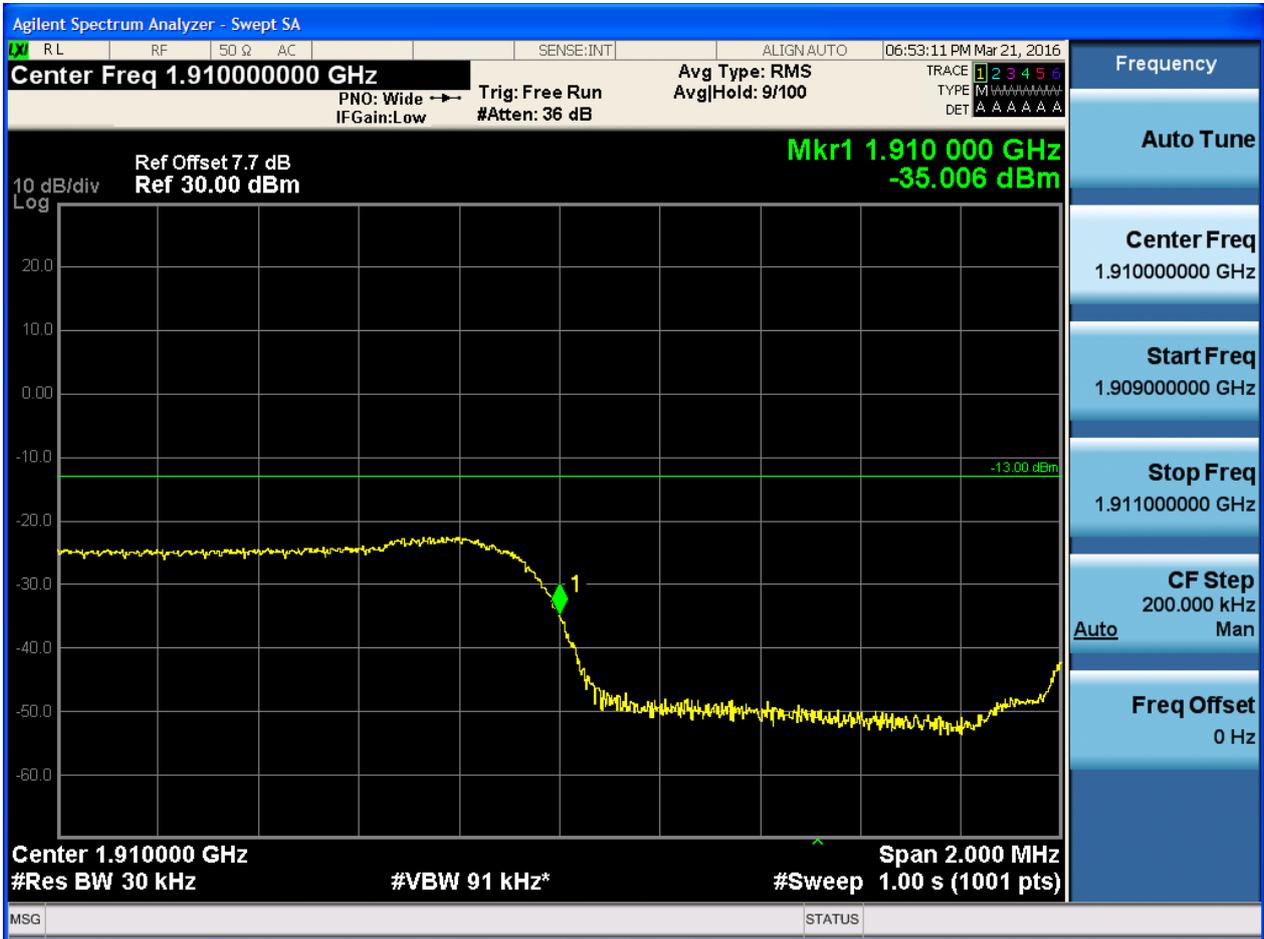
5.1.1.1.2.2.2 Test RB = RB1#14
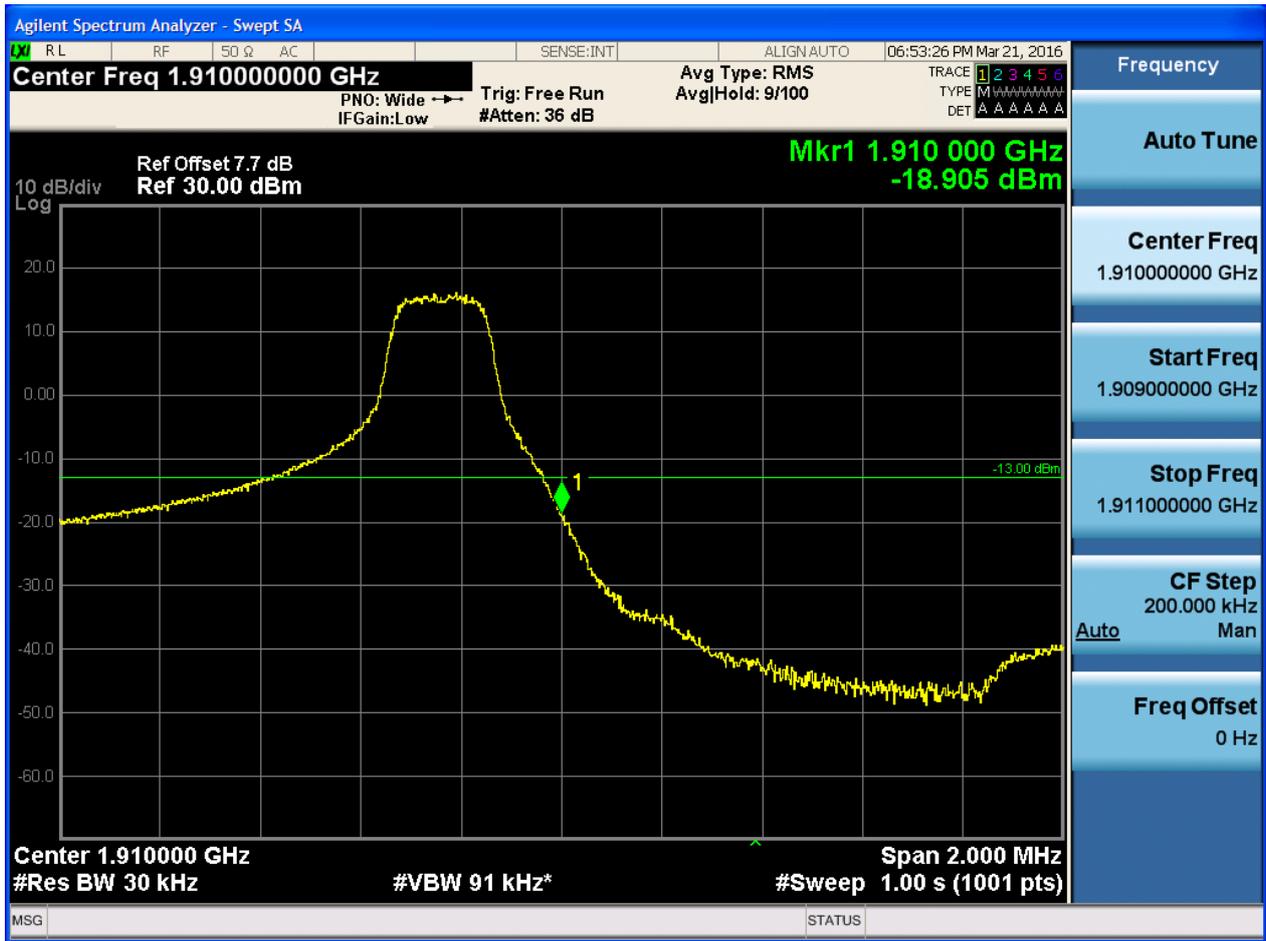
5.1.1.1.2.2.3 Test RB = RB8#4

5.1.1.1.2.2.4 Test RB = RB15#0
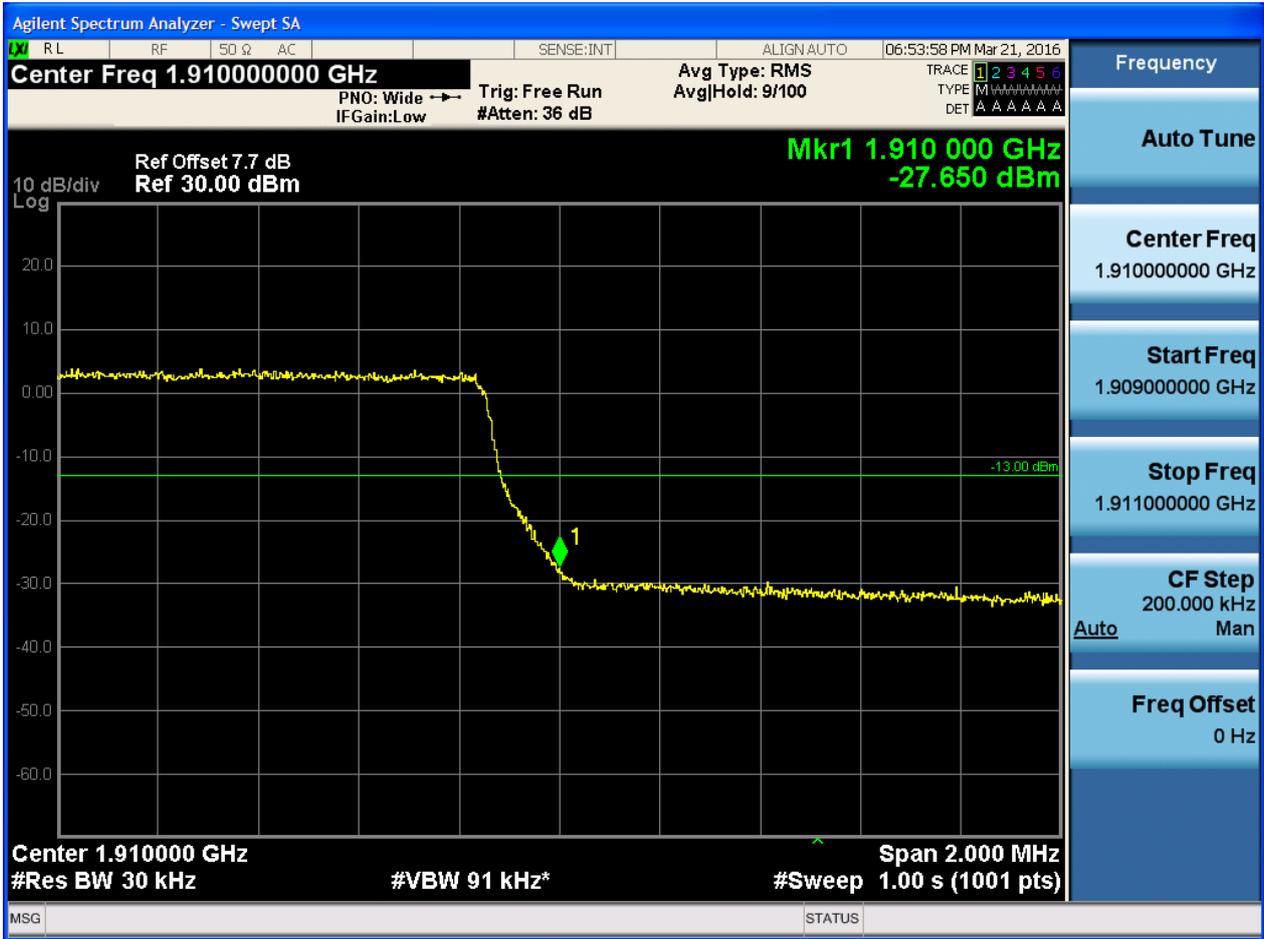
5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0
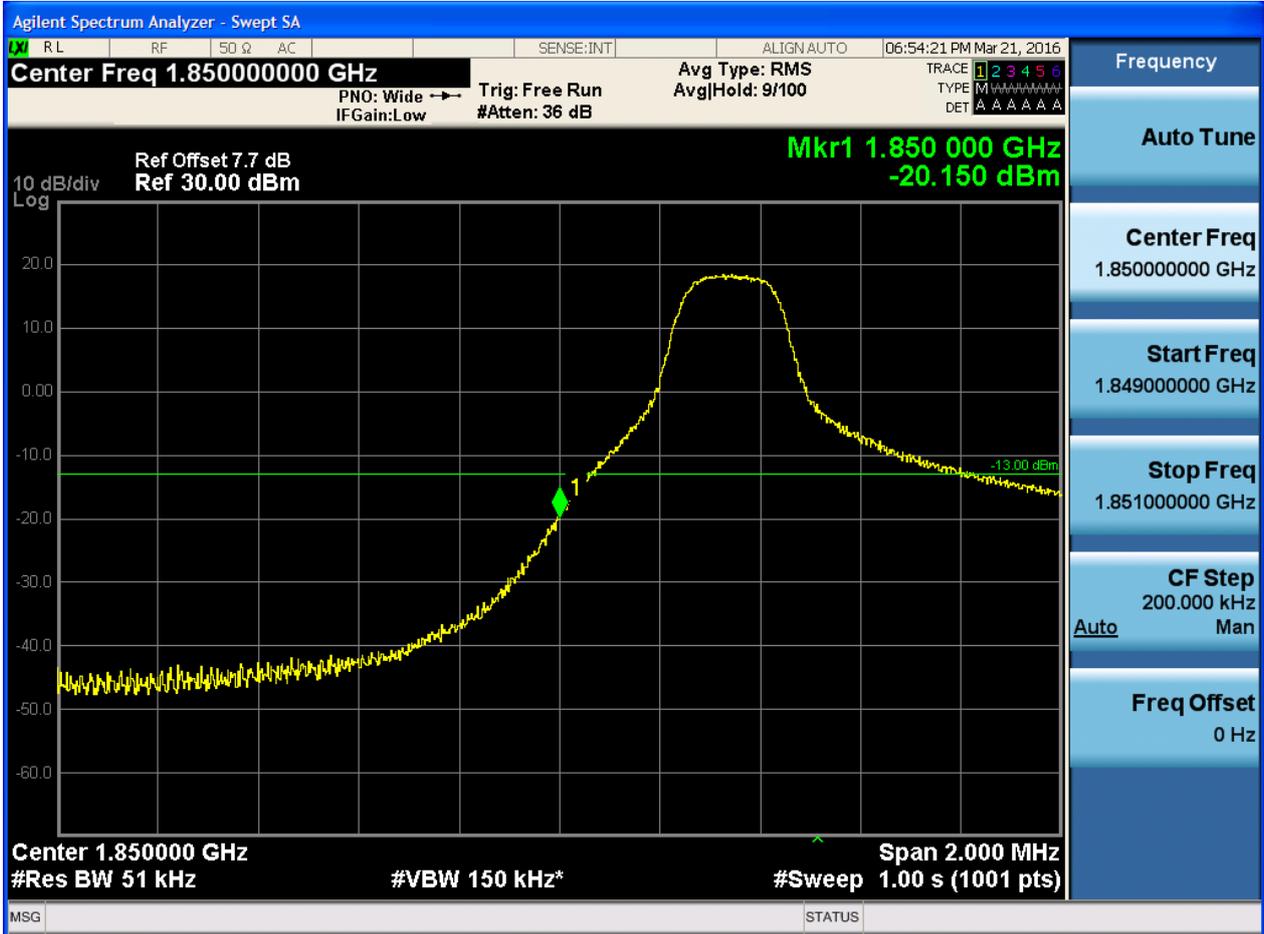
5.1.1.1.3.1.2 Test RB = RB1#24

5.1.1.1.3.1.3 Test RB = RB12#6

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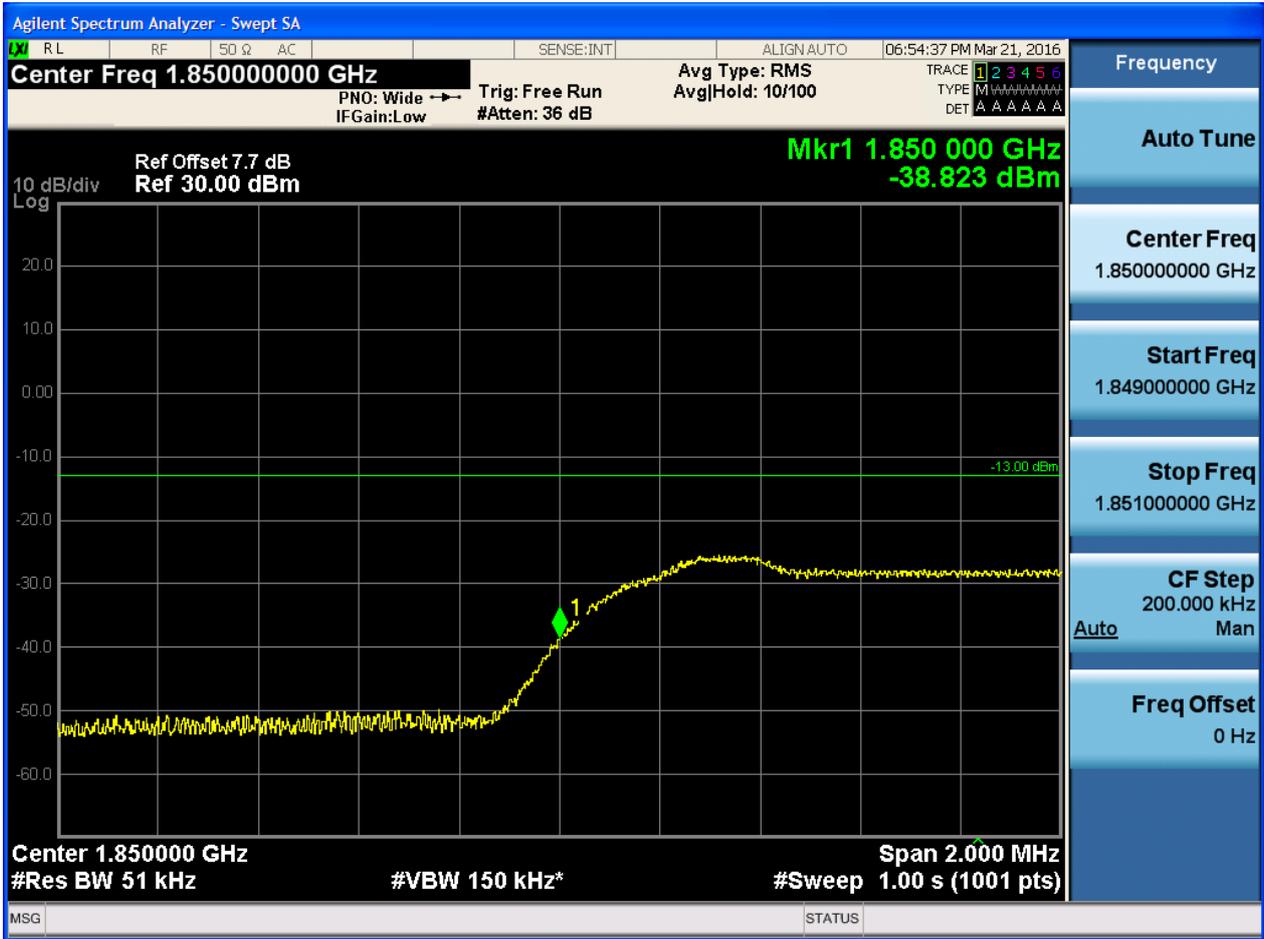
5.1.1.1.3.1.4 Test RB = RB25#0
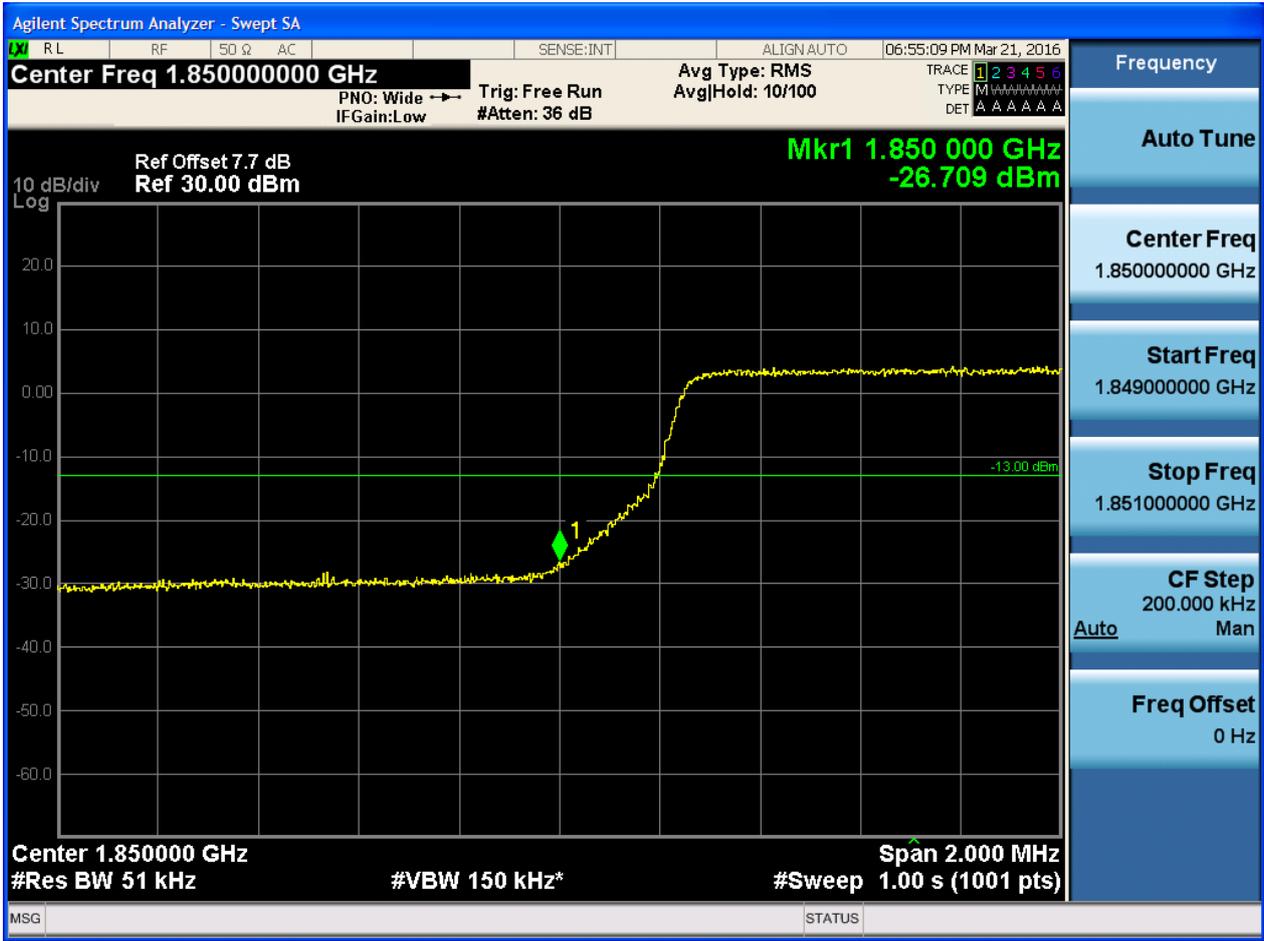
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0
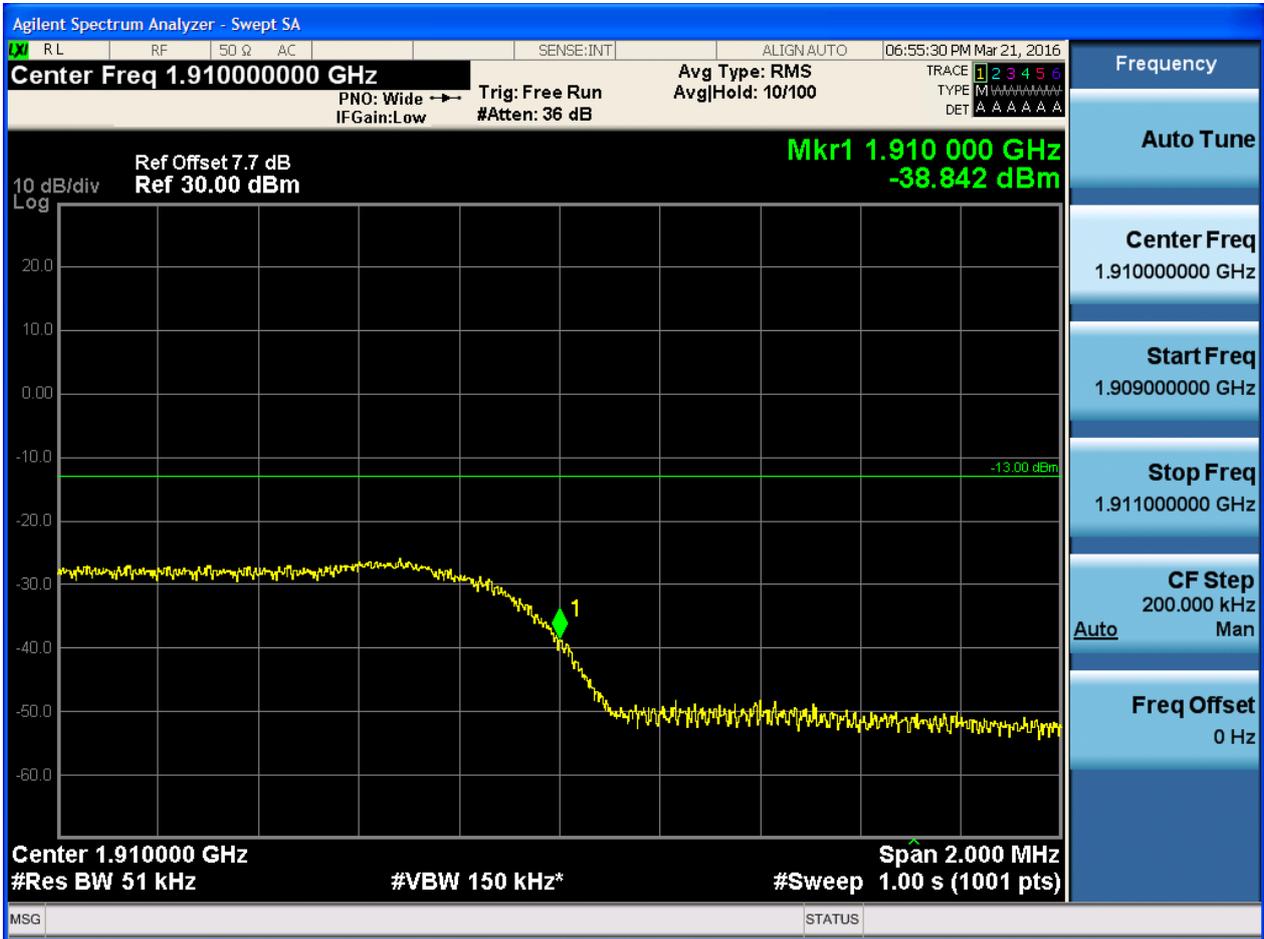
5.1.1.1.3.2.2 Test RB = RB1#24
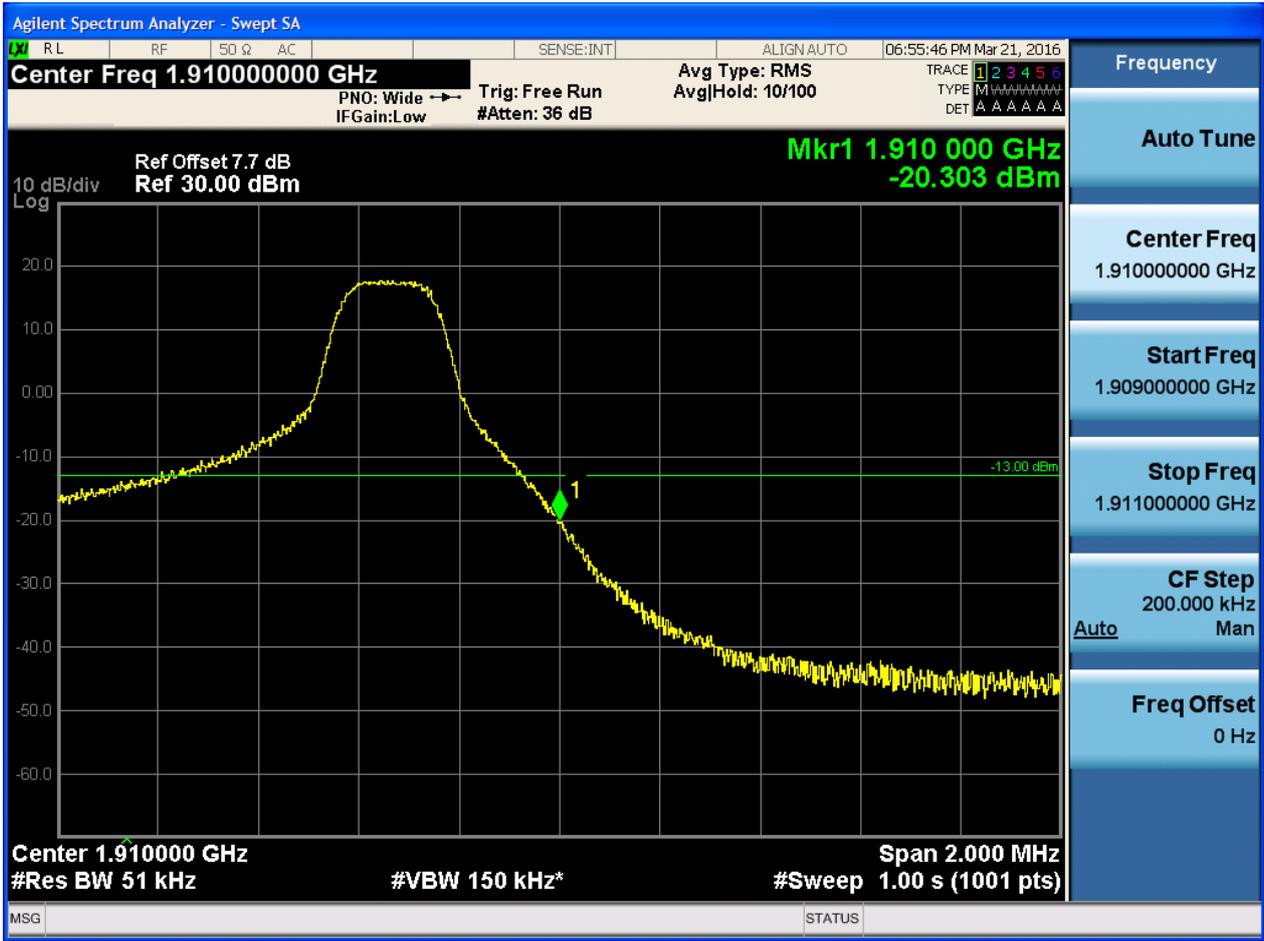
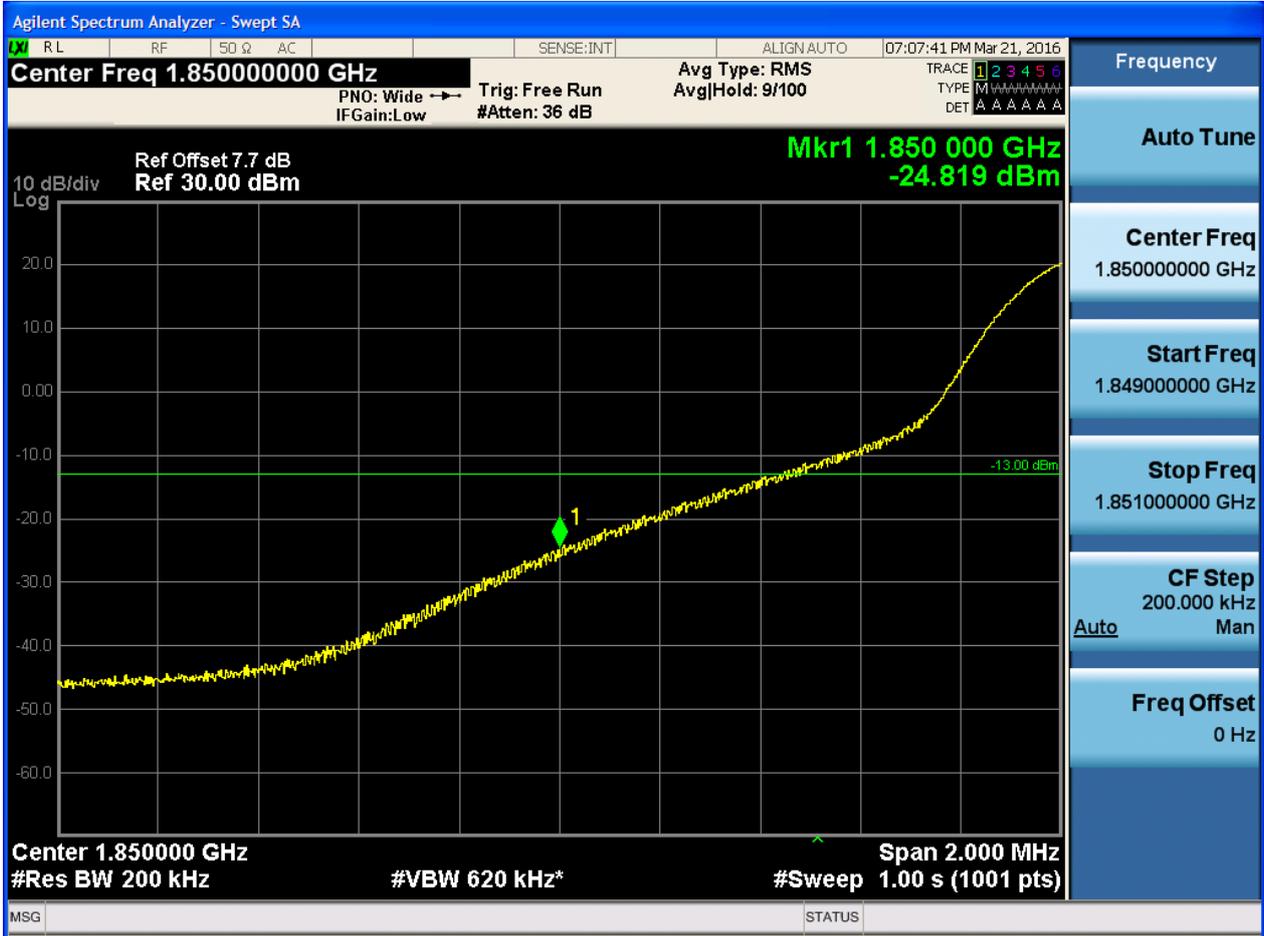## 5.1.1.1.3.2.3 Test RB = RB12#6
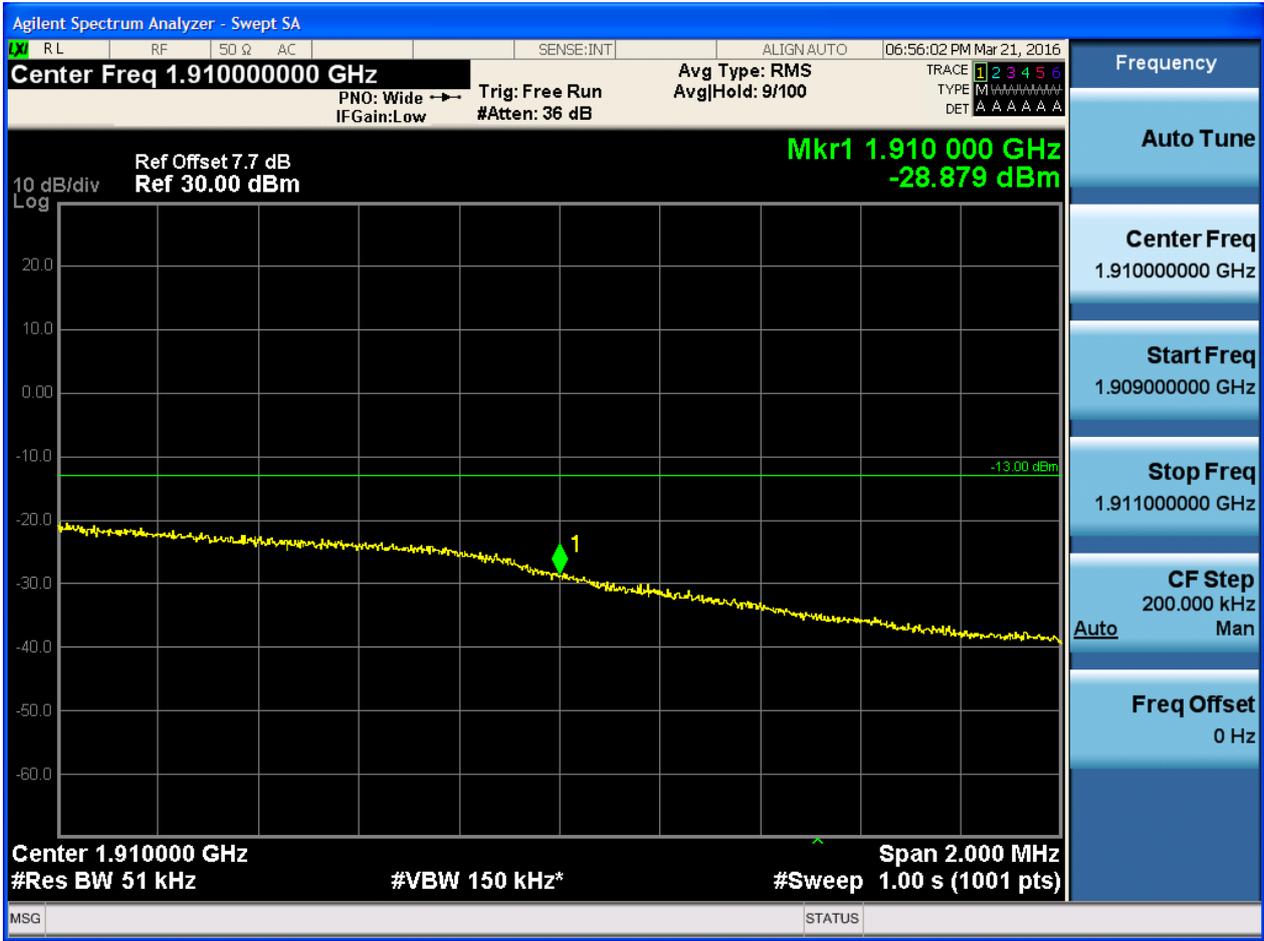
5.1.1.1.3.2.4 Test RB = RB25#0

5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

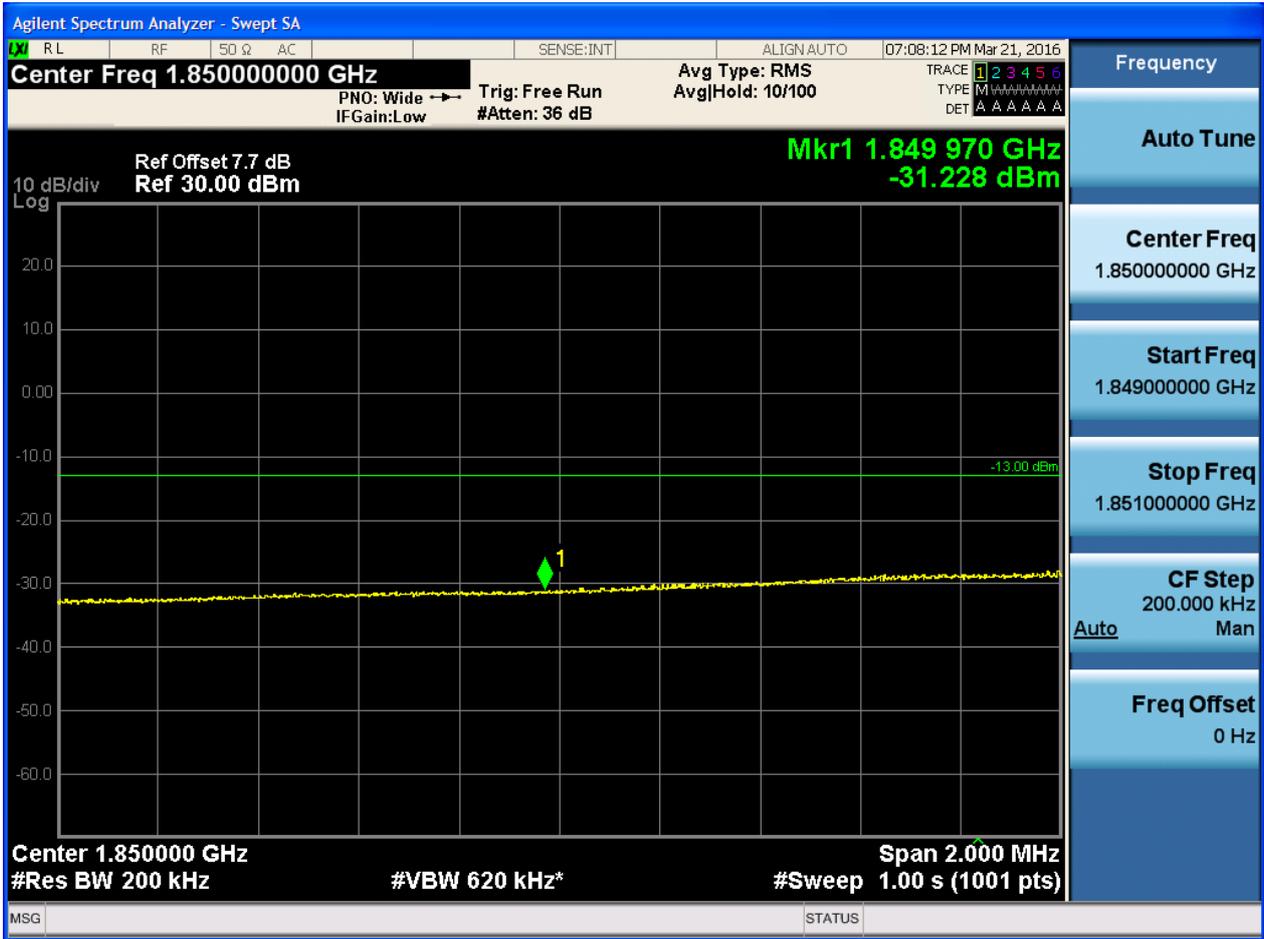### 5.1.1.1.4.1.1 Test RB = RB1#0
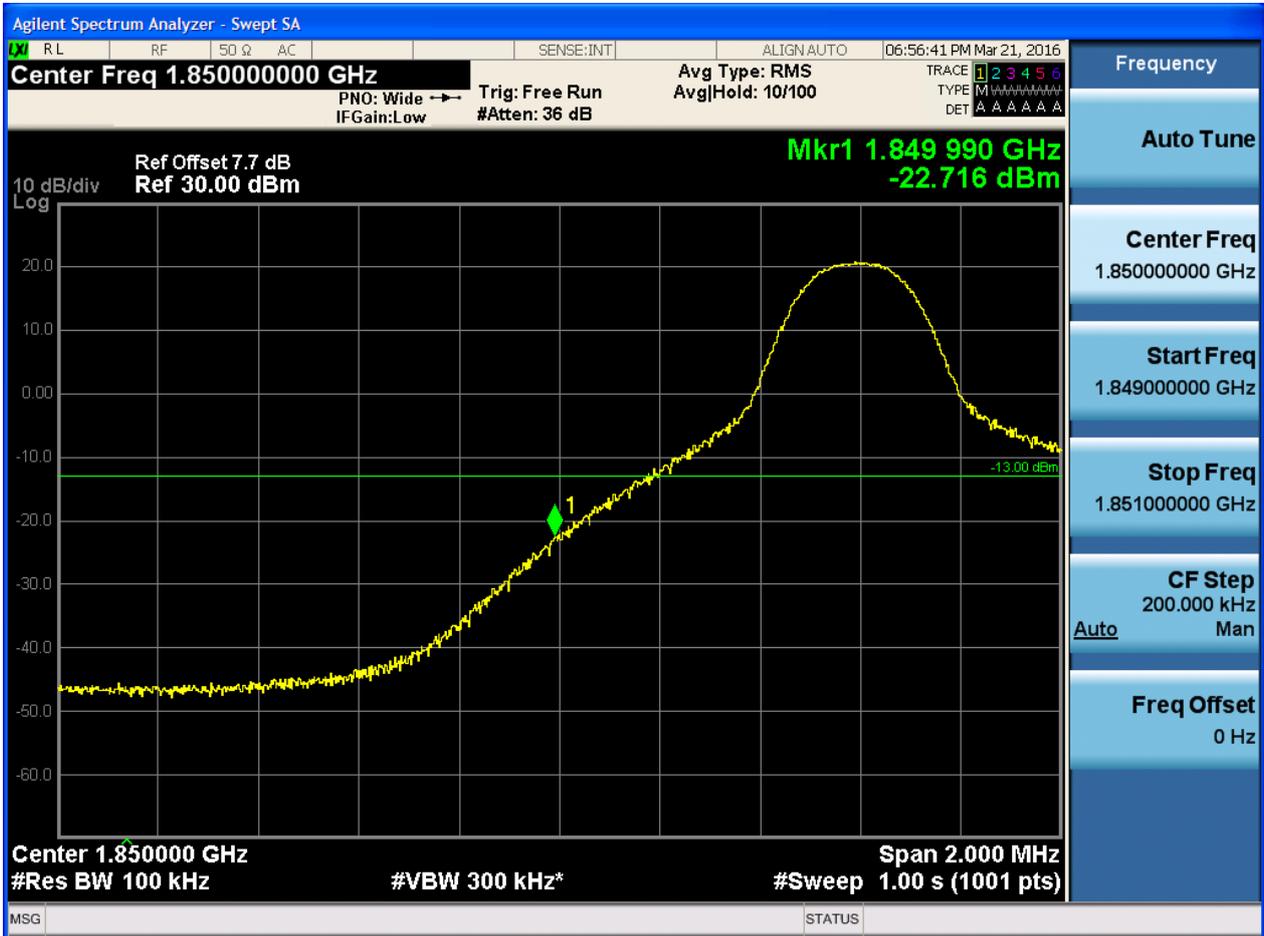
5.1.1.1.4.1.2 Test RB = RB1#49
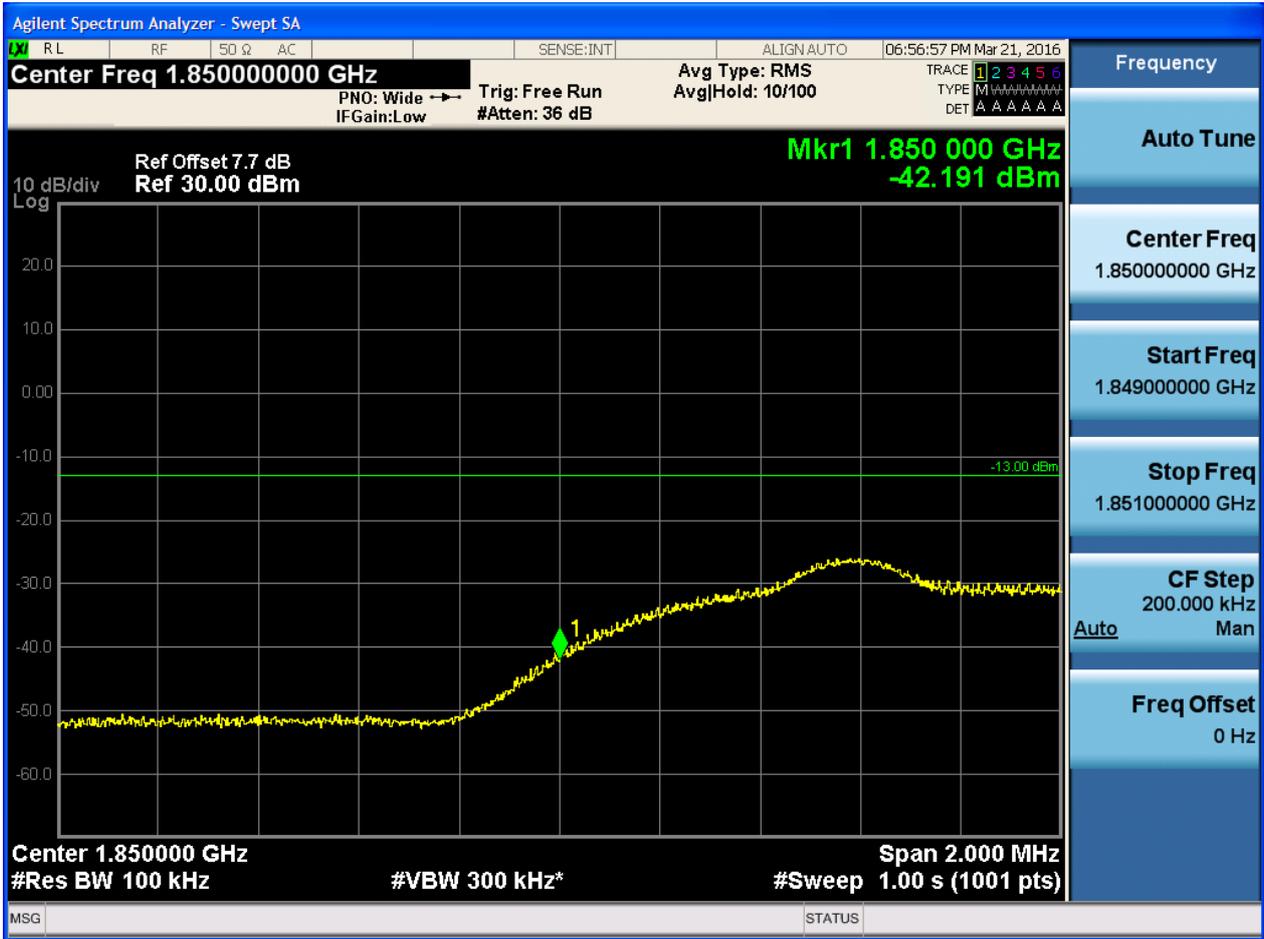
5.1.1.1.4.1.3 Test RB = RB25#13
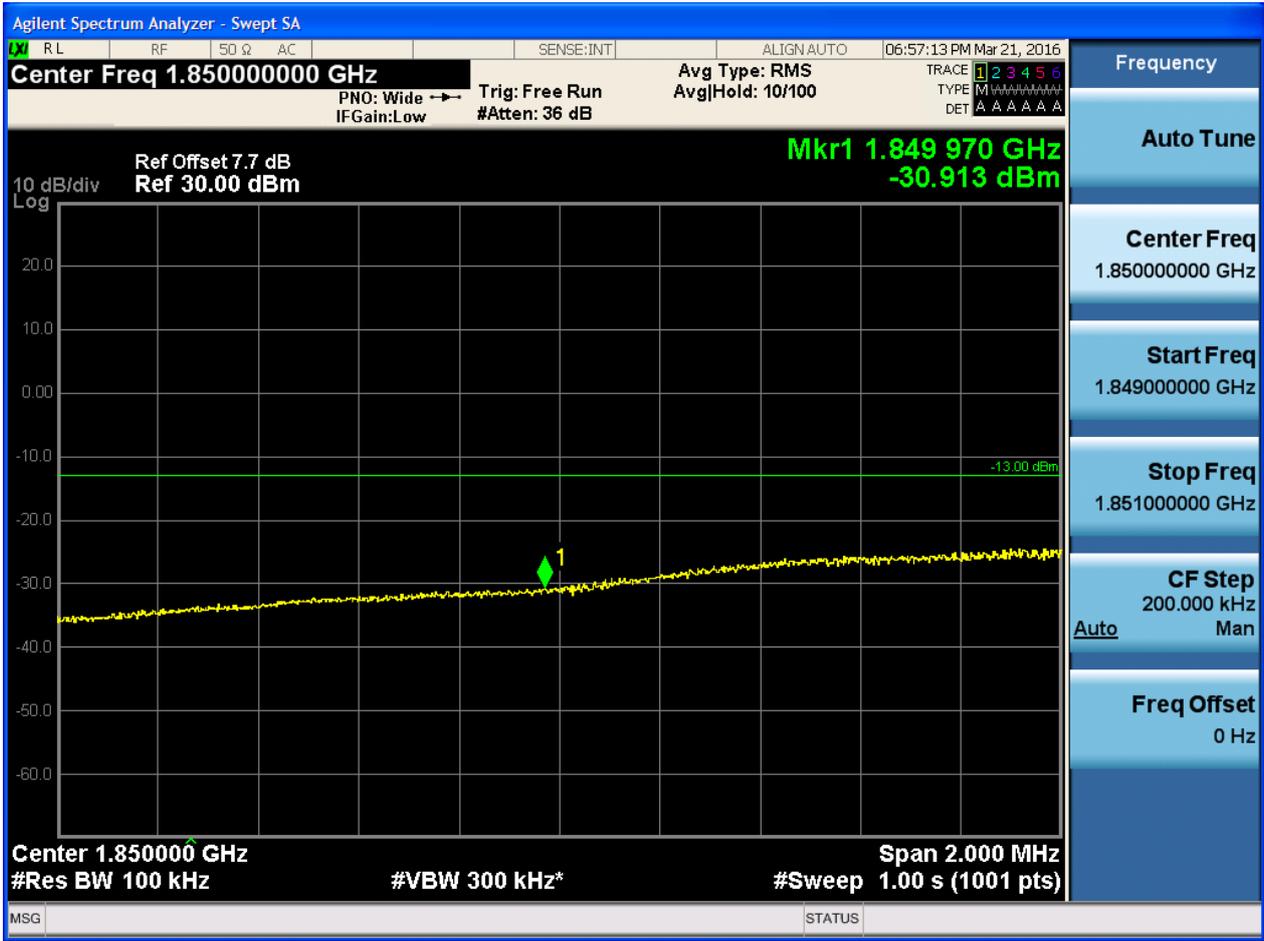
5.1.1.1.4.1.4 Test RB = RB50#0

5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0
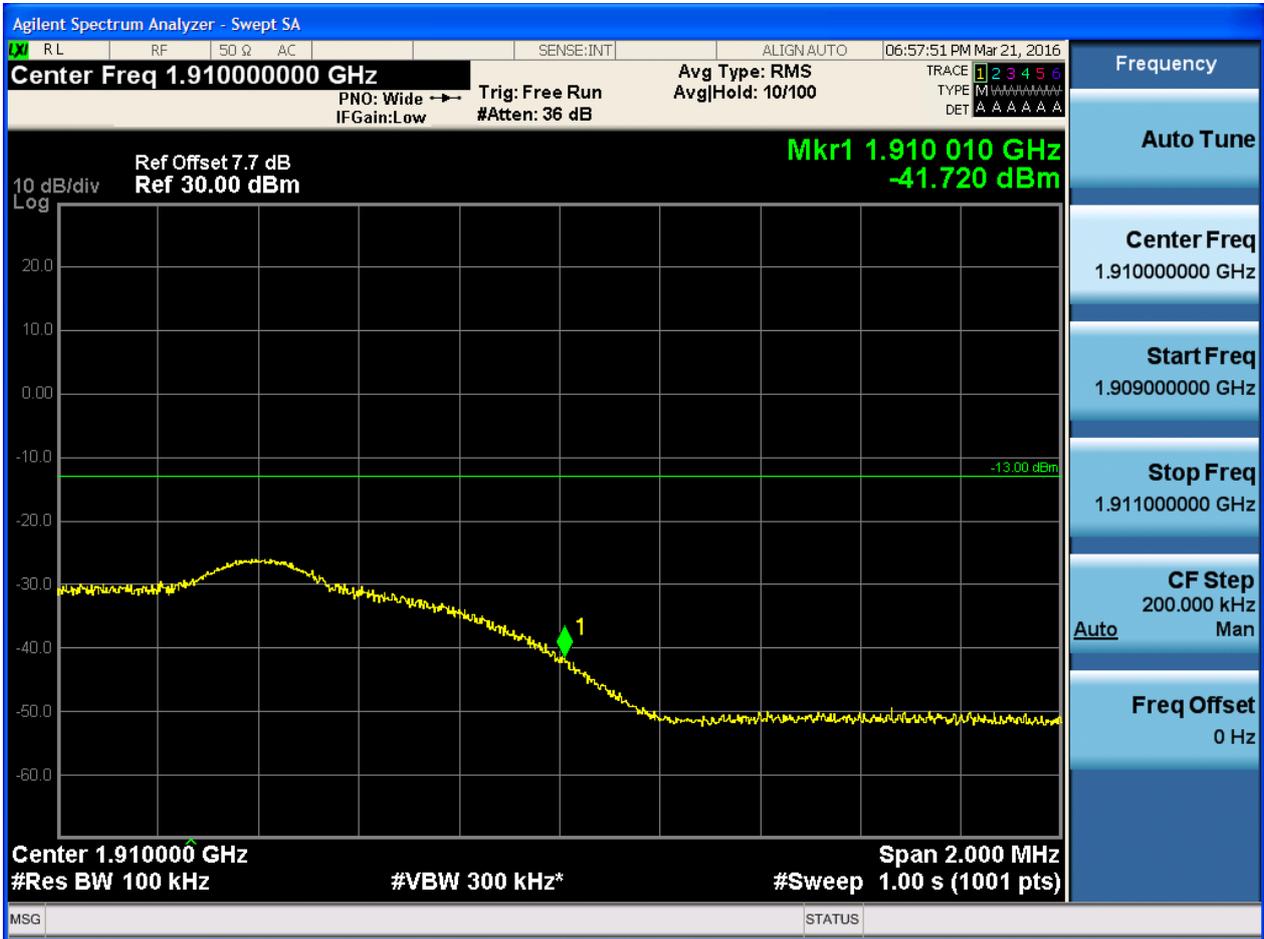
5.1.1.1.4.2.2 Test RB = RB1#49

5.1.1.1.4.2.3 Test RB = RB25#13
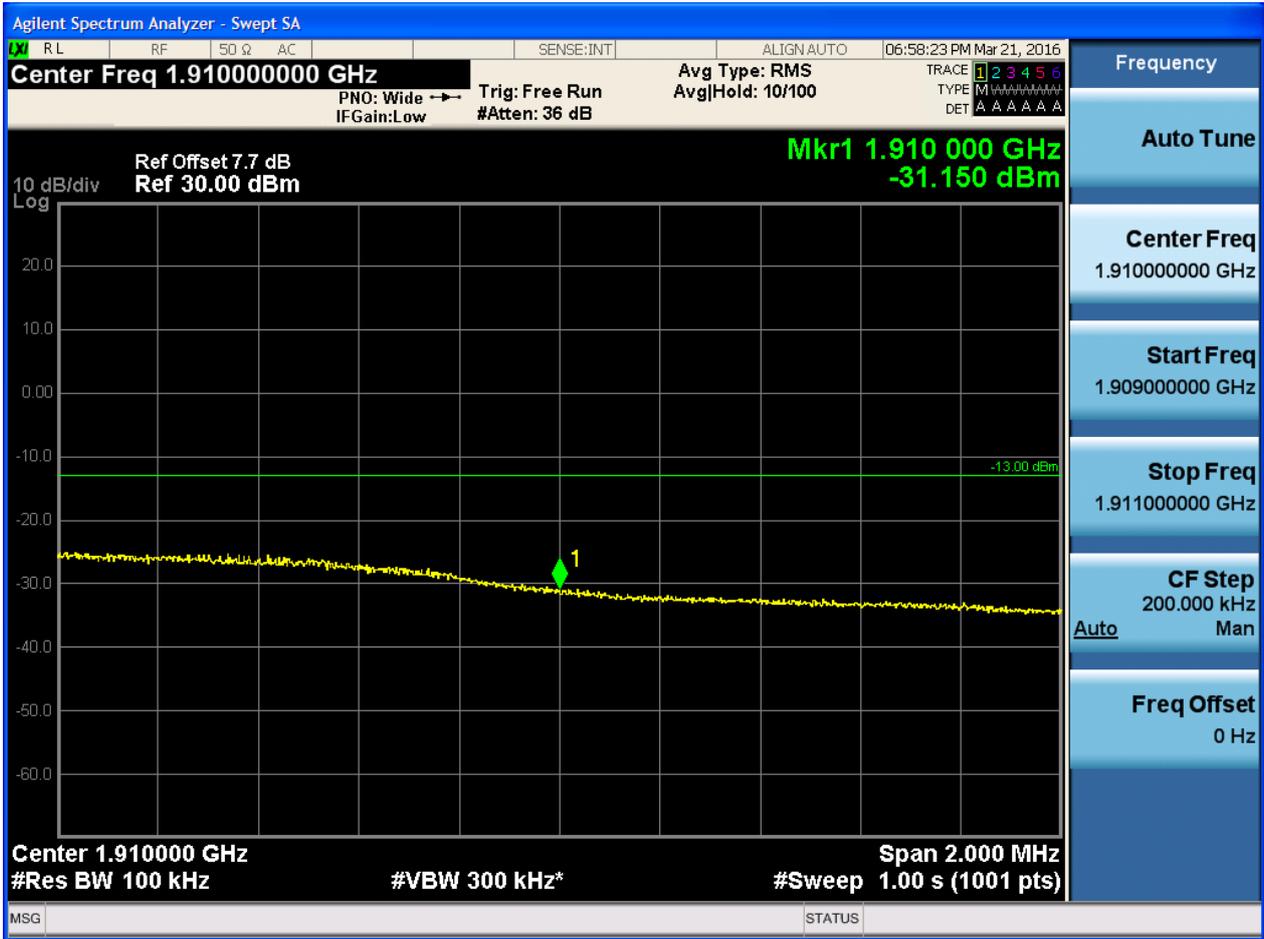
5.1.1.1.4.2.4 Test RB = RB50#0

5.1.1.1.5 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
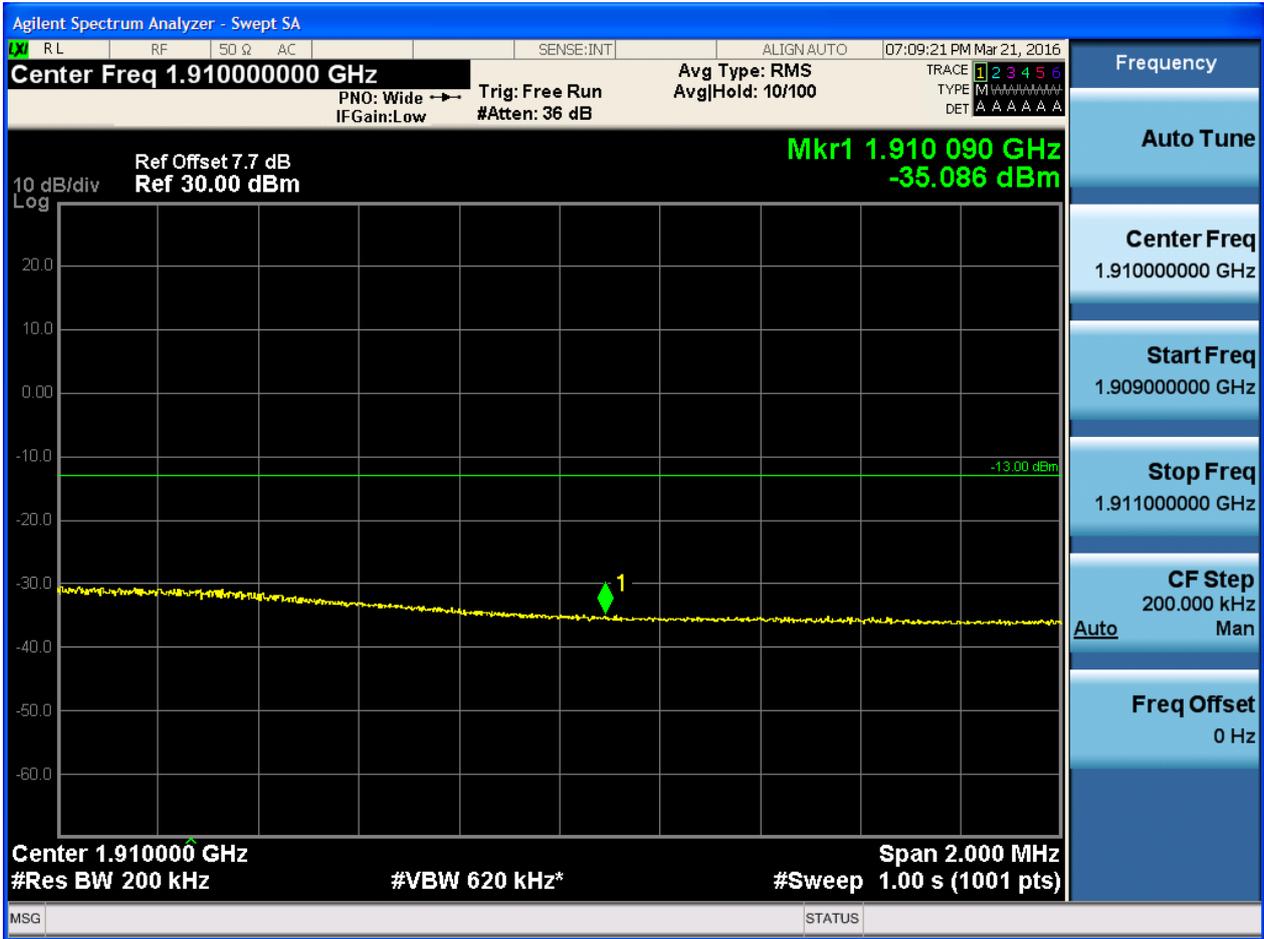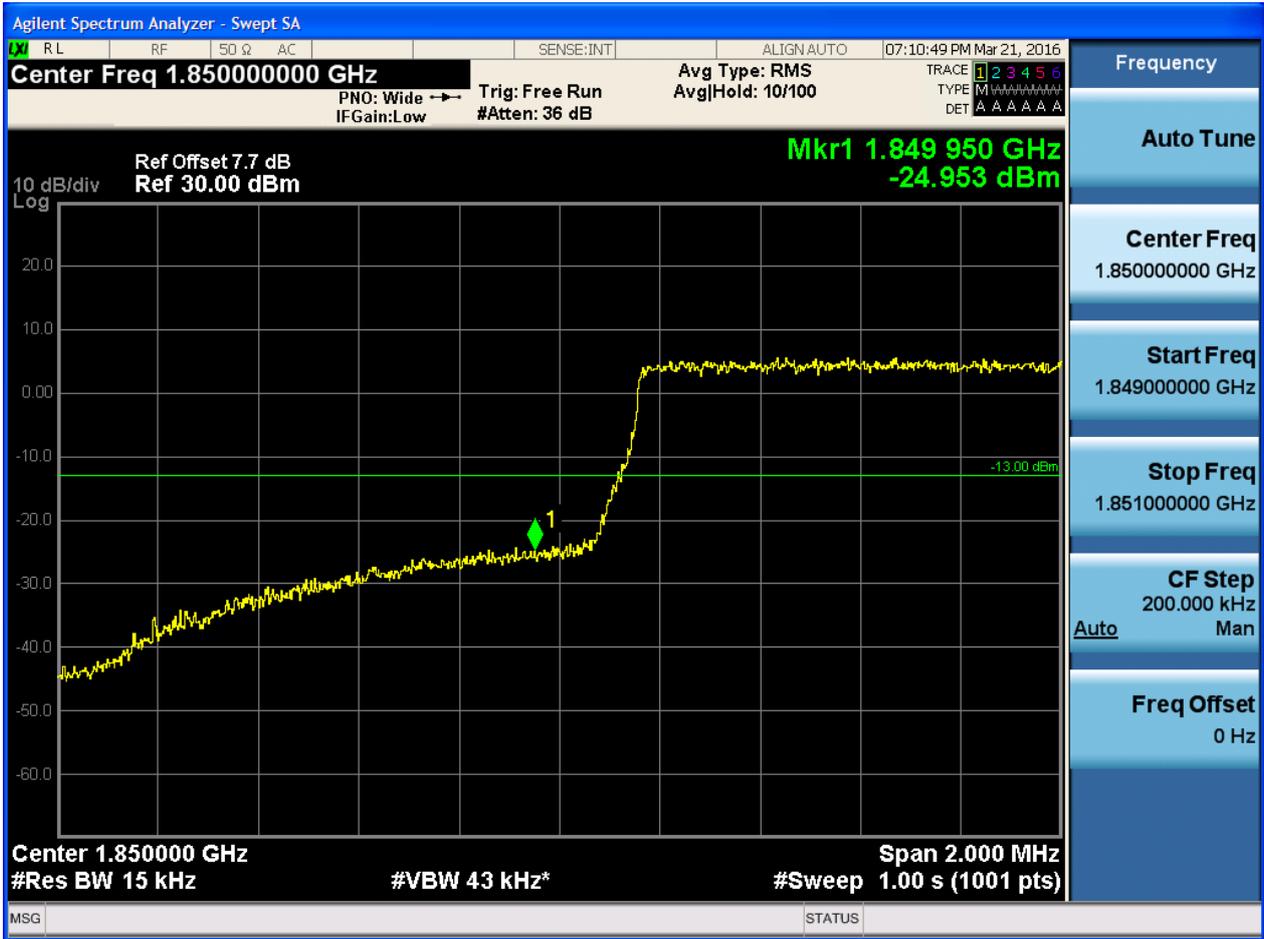
5.1.1.1.6.2.4 Test RB = RB100#0

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

5.1.1.2.1.1.4 Test RB = RB6#0

5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

5.1.1.2.1.2.2 Test RB = RB1#5

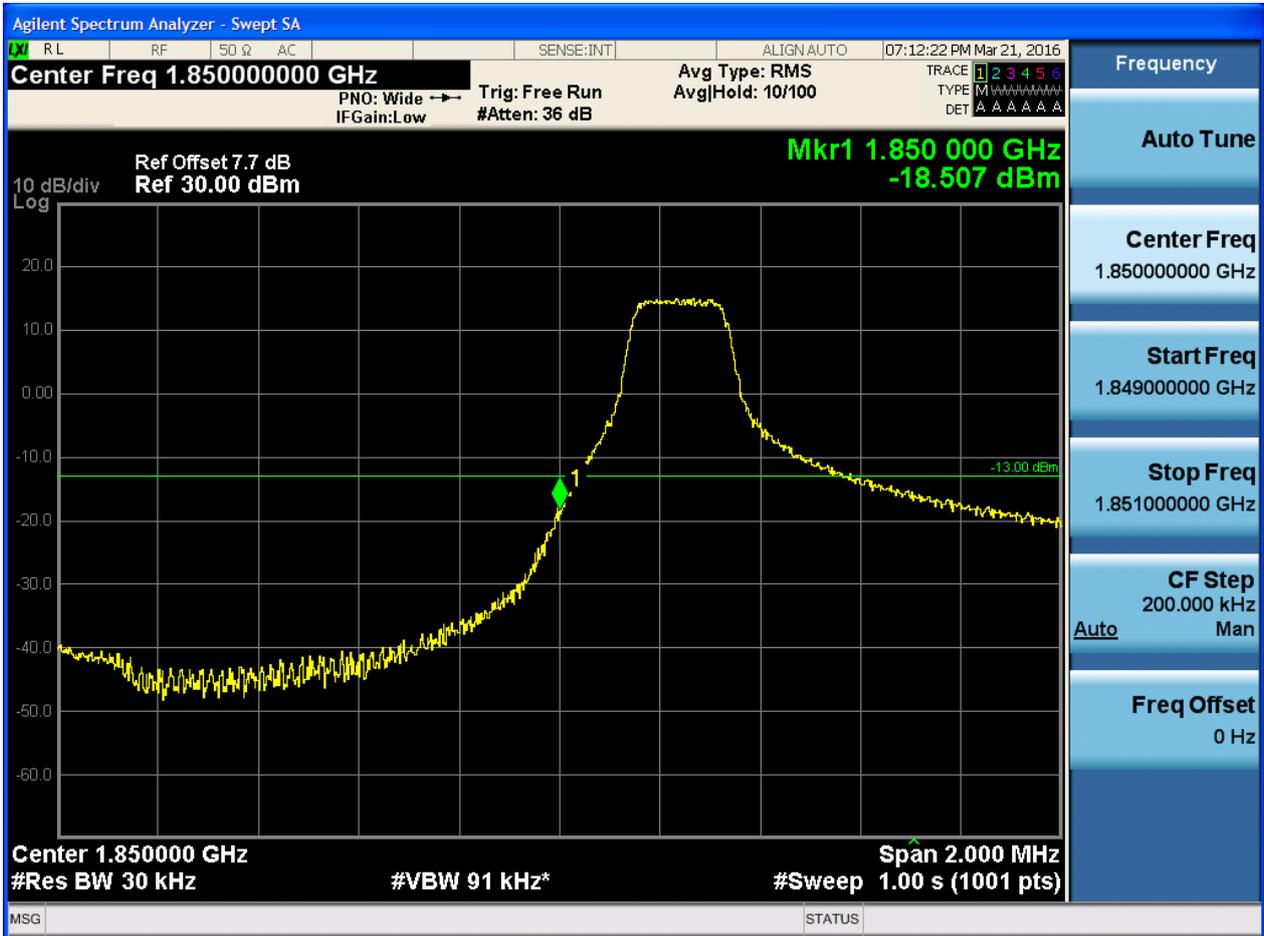## 5.1.1.2.1.2.3 Test RB = RB3#2

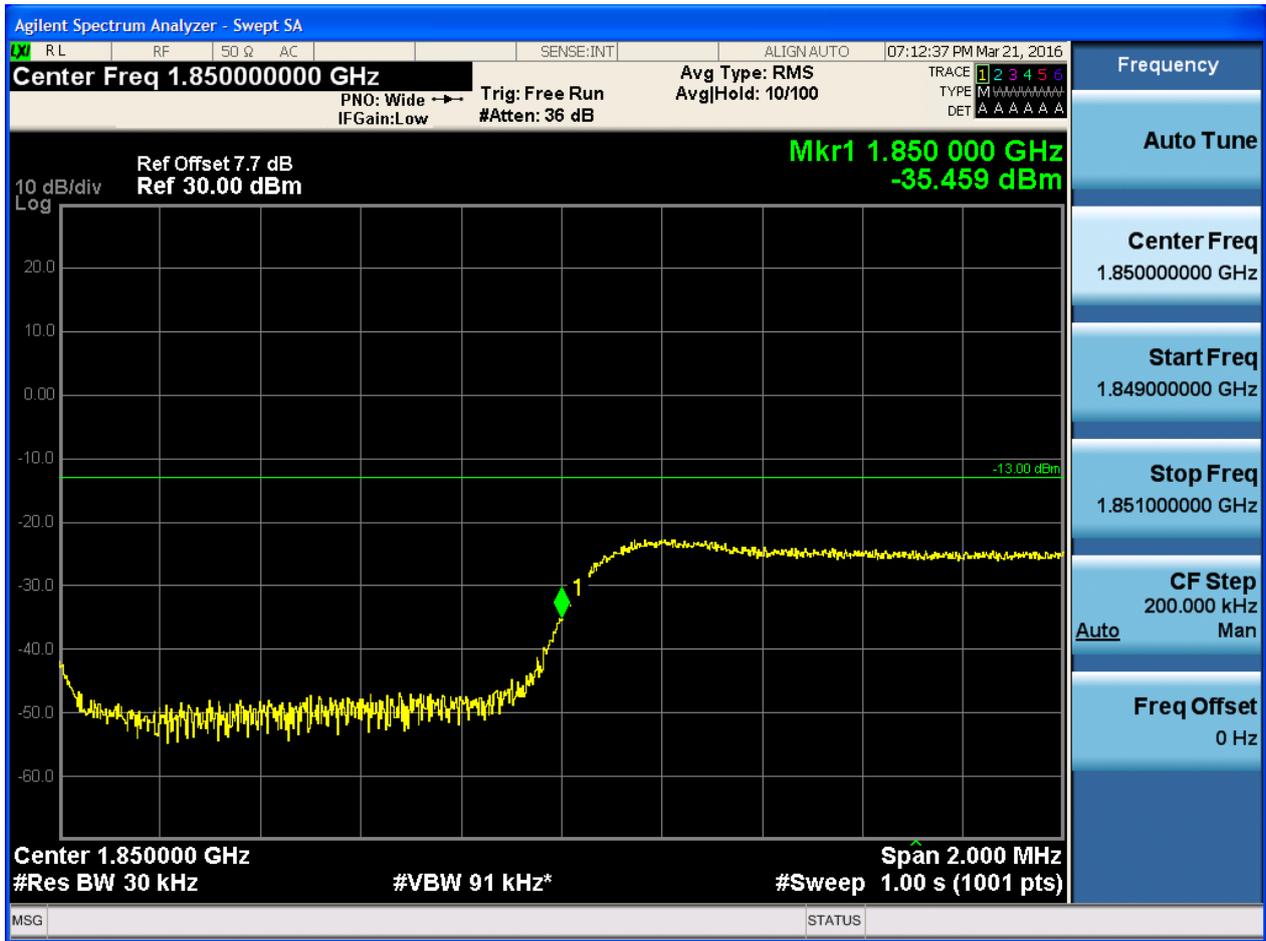## 5.1.1.2.1.2.4 Test RB = RB6#0

5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0

5.1.1.2.2.1.2 Test RB = RB1#14

5.1.1.2.2.1.3 Test RB = RB8#4