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	22.39	22.89	33	PASS
				RB1#3	22.39	22.89	33	PASS
				RB1#5	22.34	22.84	33	PASS
				RB3#0	22.32	22.82	33	PASS
				RB3#2	22.4	22.9	33	PASS
				RB3#3	22.45	22.95	33	PASS
				RB6#0	21.43	21.93	33	PASS
			MCH	RB1#0	22.45	22.95	33	PASS
				RB1#3	22.5	23	33	PASS
				RB1#5	22.37	22.87	33	PASS
				RB3#0	22.46	22.96	33	PASS
				RB3#2	22.49	22.99	33	PASS
				RB3#3	22.43	22.93	33	PASS
				RB6#0	21.65	22.15	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.47	22.97	33	PASS
				RB1#3	22.45	22.95	33	PASS
				RB1#5	22.28	22.78	33	PASS
				RB3#0	22.49	22.99	33	PASS
				RB3#2	22.39	22.89	33	PASS
				RB3#3	22.35	22.85	33	PASS
				RB6#0	21.52	22.02	33	PASS
		3	LCH	RB1#0	22.3	22.8	33	PASS
				RB1#7	22.64	23.14	33	PASS
				RB1#14	22.36	22.86	33	PASS
				RB8#0	21.48	21.98	33	PASS
				RB8#4	21.56	22.06	33	PASS
				RB8#7	21.6	22.1	33	PASS
				RB15#0	21.57	22.07	33	PASS
			MCH	RB1#0	22.44	22.94	33	PASS
				RB1#7	22.55	23.05	33	PASS
				RB1#14	22.17	22.67	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.66	22.16	33	PASS
				RB8#4	21.63	22.13	33	PASS
				RB8#7	21.55	22.05	33	PASS
				RB15#0	21.61	22.11	33	PASS
			HCH	RB1#0	22.49	22.99	33	PASS
				RB1#7	22.6	23.1	33	PASS
				RB1#14	22.11	22.61	33	PASS
				RB8#0	21.67	22.17	33	PASS
				RB8#4	21.63	22.13	33	PASS
				RB8#7	21.5	22	33	PASS
				RB15#0	21.59	22.09	33	PASS
		5	LCH	RB1#0	22.26	22.76	33	PASS
				RB1#13	22.76	23.26	33	PASS
				RB1#24	22.3	22.8	33	PASS
				RB12#0	21.64	22.14	33	PASS
				RB12#6	21.76	22.26	33	PASS
				RB12#13	21.65	22.15	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.63	22.13	33	PASS
			MCH	RB1#0	22.47	22.97	33	PASS
				RB1#13	22.58	23.08	33	PASS
				RB1#24	22.16	22.66	33	PASS
				RB12#0	21.68	22.18	33	PASS
				RB12#6	21.72	22.22	33	PASS
				RB12#13	21.51	22.01	33	PASS
				RB25#0	21.61	22.11	33	PASS
			HCH	RB1#0	22.6	23.1	33	PASS
				RB1#13	22.69	23.19	33	PASS
				RB1#24	22.15	22.65	33	PASS
				RB12#0	21.85	22.35	33	PASS
				RB12#6	21.77	22.27	33	PASS
				RB12#13	21.53	22.03	33	PASS
				RB25#0	21.64	22.14	33	PASS
		10	LCH	RB1#0	22.28	22.78	33	PASS
				RB1#25	22.64	23.14	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.51	23.01	33	PASS
				RB25#0	21.65	22.15	33	PASS
				RB25#13	21.59	22.09	33	PASS
				RB25#25	21.58	22.08	33	PASS
				RB50#0	21.55	22.05	33	PASS
			MCH	RB1#0	22.45	22.95	33	PASS
				RB1#25	22.56	23.06	33	PASS
				RB1#49	22.21	22.71	33	PASS
				RB25#0	21.63	22.13	33	PASS
				RB25#13	21.65	22.15	33	PASS
				RB25#25	21.53	22.03	33	PASS
				RB50#0	21.61	22.11	33	PASS
			HCH	RB1#0	22.57	23.07	33	PASS
				RB1#25	22.81	23.31	33	PASS
				RB1#49	22.24	22.74	33	PASS
				RB25#0	21.79	22.29	33	PASS
				RB25#13	21.78	22.28	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.6	22.1	33	PASS
				RB50#0	21.71	22.21	33	PASS
			LCH	RB1#0	22.13	22.63	33	PASS
				RB1#38	22.79	23.29	33	PASS
				RB1#74	22.32	22.82	33	PASS
				RB38#0	21.73	22.23	33	PASS
				RB38#19	21.72	22.22	33	PASS
				RB38#39	21.62	22.12	33	PASS
				RB75#0	21.64	22.14	33	PASS
		15	MCH	RB1#0	22.38	22.88	33	PASS
				RB1#38	22.53	23.03	33	PASS
				RB1#74	22.13	22.63	33	PASS
				RB38#0	21.71	22.21	33	PASS
				RB38#19	21.71	22.21	33	PASS
				RB38#39	21.62	22.12	33	PASS
				RB75#0	21.59	22.09	33	PASS
			HCH	RB1#0	22.37	22.87	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.73	23.23	33	PASS
				RB1#74	21.97	22.47	33	PASS
				RB38#0	21.83	22.33	33	PASS
				RB38#19	21.82	22.32	33	PASS
				RB38#39	21.6	22.1	33	PASS
				RB75#0	21.64	22.14	33	PASS
			LCH	RB1#0	21.29	21.79	33	PASS
				RB1#50	22.88	23.38	33	PASS
				RB1#99	22.04	22.54	33	PASS
		20		RB50#0	21.51	22.01	33	PASS
				RB50#25	21.59	22.09	33	PASS
				RB50#50	21.61	22.11	33	PASS
				RB100#0	21.57	22.07	33	PASS
			MCH	RB1#0	21.64	22.14	33	PASS
				RB1#50	22.52	23.02	33	PASS
				RB1#99	21.99	22.49	33	PASS
				RB50#0	21.62	22.12	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.64	22.14	33	PASS
				RB50#50	21.4	21.9	33	PASS
				RB100#0	21.41	21.91	33	PASS
			HCH	RB1#0	21.48	21.98	33	PASS
				RB1#50	22.8	23.3	33	PASS
				RB1#99	21.9	22.4	33	PASS
				RB50#0	21.75	22.25	33	PASS
				RB50#25	21.81	22.31	33	PASS
				RB50#50	21.55	22.05	33	PASS
				RB100#0	21.58	22.08	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.55	22.05	33	PASS
				RB1#3	21.6	22.1	33	PASS
				RB1#5	21.54	22.04	33	PASS
				RB3#0	21.43	21.93	33	PASS
				RB3#2	21.41	21.91	33	PASS
				RB3#3	21.46	21.96	33	PASS
				RB6#0	20.46	20.96	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.66	22.16	33	PASS
				RB1#3	21.65	22.15	33	PASS
				RB1#5	21.53	22.03	33	PASS
				RB3#0	21.54	22.04	33	PASS
				RB3#2	21.57	22.07	33	PASS
				RB3#3	21.46	21.96	33	PASS
				RB6#0	20.71	21.21	33	PASS
			HCH	RB1#0	21.55	22.05	33	PASS
				RB1#3	21.51	22.01	33	PASS
				RB1#5	21.34	21.84	33	PASS
				RB3#0	21.53	22.03	33	PASS
				RB3#2	21.47	21.97	33	PASS
				RB3#3	21.4	21.9	33	PASS
				RB6#0	20.59	21.09	33	PASS
		3	LCH	RB1#0	21.39	21.89	33	PASS
				RB1#7	21.71	22.21	33	PASS
				RB1#14	21.49	21.99	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.61	21.11	33	PASS
				RB8#4	20.7	21.2	33	PASS
				RB8#7	20.68	21.18	33	PASS
				RB15#0	20.64	21.14	33	PASS
			MCH	RB1#0	21.38	21.88	33	PASS
				RB1#7	21.8	22.3	33	PASS
				RB1#14	21.54	22.04	33	PASS
				RB8#0	20.79	21.29	33	PASS
				RB8#4	20.76	21.26	33	PASS
				RB8#7	20.63	21.13	33	PASS
				RB15#0	20.65	21.15	33	PASS
			HCH	RB1#0	21.43	21.93	33	PASS
				RB1#7	21.81	22.31	33	PASS
				RB1#14	21.08	21.58	33	PASS
				RB8#0	20.74	21.24	33	PASS
				RB8#4	20.7	21.2	33	PASS
				RB8#7	20.56	21.06	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.67	21.17	33	PASS
			LCH	RB1#0	21.46	21.96	33	PASS
				RB1#13	21.97	22.47	33	PASS
				RB1#24	21.53	22.03	33	PASS
				RB12#0	20.73	21.23	33	PASS
				RB12#6	20.79	21.29	33	PASS
				RB12#13	20.7	21.2	33	PASS
				RB25#0	20.68	21.18	33	PASS
		5	MCH	RB1#0	21.55	22.05	33	PASS
				RB1#13	21.71	22.21	33	PASS
				RB1#24	21.34	21.84	33	PASS
				RB12#0	20.78	21.28	33	PASS
				RB12#6	20.83	21.33	33	PASS
				RB12#13	20.56	21.06	33	PASS
				RB25#0	20.73	21.23	33	PASS
			HCH	RB1#0	21.77	22.27	33	PASS
				RB1#13	21.84	22.34	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.29	21.79	33	PASS
				RB12#0	20.81	21.31	33	PASS
				RB12#6	20.8	21.3	33	PASS
				RB12#13	20.58	21.08	33	PASS
				RB25#0	20.67	21.17	33	PASS
		10	LCH	RB1#0	21.62	22.12	33	PASS
				RB1#25	21.95	22.45	33	PASS
				RB1#49	21.73	22.23	33	PASS
				RB25#0	20.76	21.26	33	PASS
				RB25#13	20.65	21.15	33	PASS
				RB25#25	20.63	21.13	33	PASS
				RB50#0	20.57	21.07	33	PASS
			MCH	RB1#0	21.53	22.03	33	PASS
				RB1#25	21.67	22.17	33	PASS
				RB1#49	21.37	21.87	33	PASS
				RB25#0	20.74	21.24	33	PASS
				RB25#13	20.78	21.28	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.64	21.14	33	PASS
				RB50#0	20.66	21.16	33	PASS
			HCH	RB1#0	21.79	22.29	33	PASS
				RB1#25	21.99	22.49	33	PASS
				RB1#49	21.38	21.88	33	PASS
				RB25#0	20.79	21.29	33	PASS
				RB25#13	20.83	21.33	33	PASS
				RB25#25	20.66	21.16	33	PASS
				RB50#0	20.74	21.24	33	PASS
		15	LCH	RB1#0	21.24	21.74	33	PASS
				RB1#38	21.8	22.3	33	PASS
				RB1#74	21.38	21.88	33	PASS
				RB38#0	20.79	21.29	33	PASS
				RB38#19	20.78	21.28	33	PASS
				RB38#39	20.68	21.18	33	PASS
				RB75#0	20.67	21.17	33	PASS
			MCH	RB1#0	21.54	22.04	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.69	22.19	33	PASS
				RB1#74	21.21	21.71	33	PASS
				RB38#0	20.78	21.28	33	PASS
				RB38#19	20.74	21.24	33	PASS
				RB38#39	20.63	21.13	33	PASS
				RB75#0	20.64	21.14	33	PASS
			HCH	RB1#0	21.65	22.15	33	PASS
				RB1#38	21.96	22.46	33	PASS
				RB1#74	21.21	21.71	33	PASS
				RB38#0	20.85	21.35	33	PASS
				RB38#19	20.82	21.32	33	PASS
				RB38#39	20.67	21.17	33	PASS
				RB75#0	20.69	21.19	33	PASS
		20	LCH	RB1#0	21.19	21.69	33	PASS
				RB1#50	22.22	22.72	33	PASS
				RB1#99	21.41	21.91	33	PASS
				RB50#0	20.6	21.1	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.61	21.11	33	PASS
				RB50#50	20.64	21.14	33	PASS
				RB100#0	20.62	21.12	33	PASS
			MCH	RB1#0	21.58	22.08	33	PASS
				RB1#50	22.01	22.51	33	PASS
				RB1#99	21.36	21.86	33	PASS
				RB50#0	20.57	21.07	33	PASS
				RB50#25	20.67	21.17	33	PASS
				RB50#50	20.39	20.89	33	PASS
				RB100#0	20.45	20.95	33	PASS
			HCH	RB1#0	21.47	21.97	33	PASS
				RB1#50	22.21	22.71	33	PASS
				RB1#99	21.36	21.86	33	PASS
				RB50#0	20.78	21.28	33	PASS
				RB50#25	20.79	21.29	33	PASS
				RB50#50	20.56	21.06	33	PASS
				RB100#0	20.57	21.07	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	5.11	13	PASS
				RB1#3	5.38	13	PASS
				RB1#5	5.12	13	PASS
				RB3#0	5.29	13	PASS
				RB3#2	5.58	13	PASS
				RB3#3	5.27	13	PASS
				RB6#0	6.17	13	PASS
			MCH	RB1#0	5.08	13	PASS
				RB1#3	5.03	13	PASS
				RB1#5	5.08	13	PASS
				RB3#0	5.08	13	PASS
				RB3#2	5.04	13	PASS
				RB3#3	5.07	13	PASS
				RB6#0	5.66	13	PASS
			HCH	RB1#0	4.69	13	PASS
				RB1#3	4.62	13	PASS
				RB1#5	4.56	13	PASS
				RB3#0	5.37	13	PASS
				RB3#2	5.06	13	PASS
				RB3#3	5.09	13	PASS
				RB6#0	5.77	13	PASS
		3	LCH	RB1#0	4.59	13	PASS
				RB1#7	4.4	13	PASS
				RB1#14	4.6	13	PASS
				RB8#0	5.88	13	PASS
				RB8#4	5.85	13	PASS
				RB8#7	5.86	13	PASS
				RB15#0	6.02	13	PASS
			MCH	RB1#0	5.01	13	PASS
				RB1#7	4.7	13	PASS
				RB1#14	4.98	13	PASS
				RB8#0	5.61	13	PASS
				RB8#4	5.47	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.49	13	PASS
				RB15#0	5.76	13	PASS
			HCH	RB1#0	4.95	13	PASS
				RB1#7	4.53	13	PASS
				RB1#14	4.85	13	PASS
				RB8#0	5.55	13	PASS
				RB8#4	5.62	13	PASS
				RB8#7	5.62	13	PASS
				RB15#0	5.89	13	PASS
		5	LCH	RB1#0	4.97	13	PASS
				RB1#13	4.86	13	PASS
				RB1#24	5.06	13	PASS
				RB12#0	5.8	13	PASS
				RB12#6	5.79	13	PASS
				RB12#13	5.83	13	PASS
				RB25#0	6.24	13	PASS
			MCH	RB1#0	5.01	13	PASS
				RB1#13	5.06	13	PASS
				RB1#24	5.06	13	PASS
				RB12#0	5.55	13	PASS
				RB12#6	5.44	13	PASS
				RB12#13	5.6	13	PASS
				RB25#0	5.83	13	PASS
			HCH	RB1#0	4.86	13	PASS
				RB1#13	4.79	13	PASS
				RB1#24	4.88	13	PASS
				RB12#0	5.88	13	PASS
				RB12#6	5.83	13	PASS
				RB12#13	5.91	13	PASS
				RB25#0	5.85	13	PASS
		10	LCH	RB1#0	4.97	13	PASS
				RB1#25	4.98	13	PASS
				RB1#49	5.08	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	5.98	13	PASS
				RB25#25	5.85	13	PASS
				RB50#0	6.24	13	PASS
			MCH	RB1#0	4.59	13	PASS
				RB1#25	4.45	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.65	13	PASS
				RB25#0	5.73	13	PASS
				RB25#13	5.75	13	PASS
				RB25#25	5.68	13	PASS
				RB50#0	5.93	13	PASS
			HCH	RB1#0	4.99	13	PASS
				RB1#25	4.88	13	PASS
				RB1#49	4.94	13	PASS
				RB25#0	5.89	13	PASS
				RB25#13	5.86	13	PASS
				RB25#25	5.95	13	PASS
				RB50#0	6.08	13	PASS
		15	LCH	RB1#0	5.07	13	PASS
				RB1#38	5	13	PASS
				RB1#74	4.93	13	PASS
				RB38#0	6.11	13	PASS
				RB38#19	5.95	13	PASS
				RB38#39	5.93	13	PASS
				RB75#0	6.31	13	PASS
			MCH	RB1#0	4.79	13	PASS
				RB1#38	4.67	13	PASS
				RB1#74	4.96	13	PASS
				RB38#0	5.8	13	PASS
				RB38#19	5.7	13	PASS
				RB38#39	5.9	13	PASS
				RB75#0	6.06	13	PASS
			HCH	RB1#0	5.02	13	PASS
				RB1#38	4.83	13	PASS
				RB1#74	4.88	13	PASS
				RB38#0	5.95	13	PASS
				RB38#19	5.94	13	PASS
				RB38#39	5.97	13	PASS
				RB75#0	6.3	13	PASS
		20	LCH	RB1#0	5.33	13	PASS
				RB1#50	4.96	13	PASS
				RB1#99	5.05	13	PASS
				RB50#0	6.2	13	PASS
				RB50#25	6.14	13	PASS
				RB50#50	5.94	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	6.1	13	PASS
			MCH	RB1#0	5.13	13	PASS
				RB1#50	4.64	13	PASS
				RB1#99	4.97	13	PASS
				RB50#0	6.06	13	PASS
				RB50#25	5.8	13	PASS
				RB50#50	5.96	13	PASS
				RB100#0	6.18	13	PASS
			HCH	RB1#0	5.49	13	PASS
				RB1#50	4.91	13	PASS
				RB1#99	5.07	13	PASS
				RB50#0	6.01	13	PASS
				RB50#25	5.96	13	PASS
				RB50#50	6.09	13	PASS
				RB100#0	6.01	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.9	13	PASS
				RB1#3	6.04	13	PASS
				RB1#5	5.81	13	PASS
				RB3#0	6	13	PASS
				RB3#2	6.17	13	PASS
				RB3#3	6.02	13	PASS
				RB6#0	6.19	13	PASS
			MCH	RB1#0	5.52	13	PASS
				RB1#3	5.72	13	PASS
				RB1#5	5.52	13	PASS
				RB3#0	5.48	13	PASS
				RB3#2	5.53	13	PASS
				RB3#3	5.75	13	PASS
				RB6#0	6.42	13	PASS
			HCH	RB1#0	5.78	13	PASS
				RB1#3	5.82	13	PASS
				RB1#5	5.74	13	PASS
				RB3#0	5.88	13	PASS
				RB3#2	5.94	13	PASS
				RB3#3	5.84	13	PASS
				RB6#0	6.21	13	PASS
		3	LCH	RB1#0	6.04	13	PASS
				RB1#7	5.72	13	PASS
				RB1#14	6.18	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.5	13	PASS
				RB8#4	6.53	13	PASS
				RB8#7	6.55	13	PASS
				RB15#0	6.45	13	PASS
			MCH	RB1#0	5.69	13	PASS
				RB1#7	5.25	13	PASS
				RB1#14	5.68	13	PASS
				RB8#0	6.24	13	PASS
				RB8#4	6.39	13	PASS
				RB8#7	6.32	13	PASS
				RB15#0	6.33	13	PASS
			HCH	RB1#0	5.77	13	PASS
				RB1#7	5.48	13	PASS
				RB1#14	5.73	13	PASS
				RB8#0	6.51	13	PASS
				RB8#4	6.54	13	PASS
				RB8#7	6.34	13	PASS
				RB15#0	6.55	13	PASS
			LCH	RB1#0	5.82	13	PASS
				RB1#13	6.05	13	PASS
				RB1#24	6.01	13	PASS
				RB12#0	6.33	13	PASS
				RB12#6	6.4	13	PASS
				RB12#13	6.43	13	PASS
				RB25#0	6.73	13	PASS
			MCH	RB1#0	5.51	13	PASS
				RB1#13	5.6	13	PASS
				RB1#24	5.54	13	PASS
		5		RB12#0	6.3	13	PASS
				RB12#6	6.25	13	PASS
				RB12#13	6.26	13	PASS
				RB25#0	6.67	13	PASS
			HCH	RB1#0	5.68	13	PASS
				RB1#13	5.84	13	PASS
				RB1#24	5.72	13	PASS
				RB12#0	6.49	13	PASS
				RB12#6	6.51	13	PASS
				RB12#13	6.6	13	PASS
				RB25#0	6.68	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.72	13	PASS
				RB1#25	5.94	13	PASS
				RB1#49	5.47	13	PASS
				RB25#0	6.63	13	PASS
				RB25#13	6.76	13	PASS
				RB25#25	6.63	13	PASS
				RB50#0	6.89	13	PASS
			MCH	RB1#0	5.69	13	PASS
				RB1#25	5.69	13	PASS
				RB1#49	5.69	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.41	13	PASS
				RB25#25	6.4	13	PASS
				RB50#0	6.65	13	PASS
			HCH	RB1#0	5.74	13	PASS
				RB1#25	5.67	13	PASS
				RB1#49	5.65	13	PASS
				RB25#0	6.94	13	PASS
				RB25#13	6.8	13	PASS
				RB25#25	6.93	13	PASS
				RB50#0	6.85	13	PASS
		15	LCH	RB1#0	6.26	13	PASS
				RB1#38	5.72	13	PASS
				RB1#74	5.5	13	PASS
				RB38#0	6.68	13	PASS
				RB38#19	6.76	13	PASS
				RB38#39	6.37	13	PASS
				RB75#0	7.16	13	PASS
			MCH	RB1#0	5.71	13	PASS
				RB1#38	5.66	13	PASS
				RB1#74	5.75	13	PASS
				RB38#0	6.57	13	PASS
				RB38#19	6.5	13	PASS
				RB38#39	6.66	13	PASS
				RB75#0	6.9	13	PASS
			HCH	RB1#0	6.25	13	PASS
				RB1#38	6.31	13	PASS
				RB1#74	6.09	13	PASS
				RB38#0	6.8	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	6.84	13	PASS
				RB38#39	6.81	13	PASS
				RB75#0	7.25	13	PASS
			LCH	RB1#0	6.01	13	PASS
				RB1#50	5.04	13	PASS
				RB1#99	5.45	13	PASS
				RB50#0	6.86	13	PASS
				RB50#25	6.48	13	PASS
				RB50#50	6.79	13	PASS
				RB100#0	7.01	13	PASS
		20	MCH	RB1#0	5.81	13	PASS
				RB1#50	5.32	13	PASS
				RB1#99	5.67	13	PASS
				RB50#0	6.57	13	PASS
				RB50#25	6.52	13	PASS
				RB50#50	6.7	13	PASS
				RB100#0	6.78	13	PASS
			HCH	RB1#0	6.1	13	PASS
				RB1#50	5.71	13	PASS
				RB1#99	5.55	13	PASS
				RB50#0	6.8	13	PASS
				RB50#25	6.83	13	PASS
				RB50#50	6.94	13	PASS
				RB100#0	6.82	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

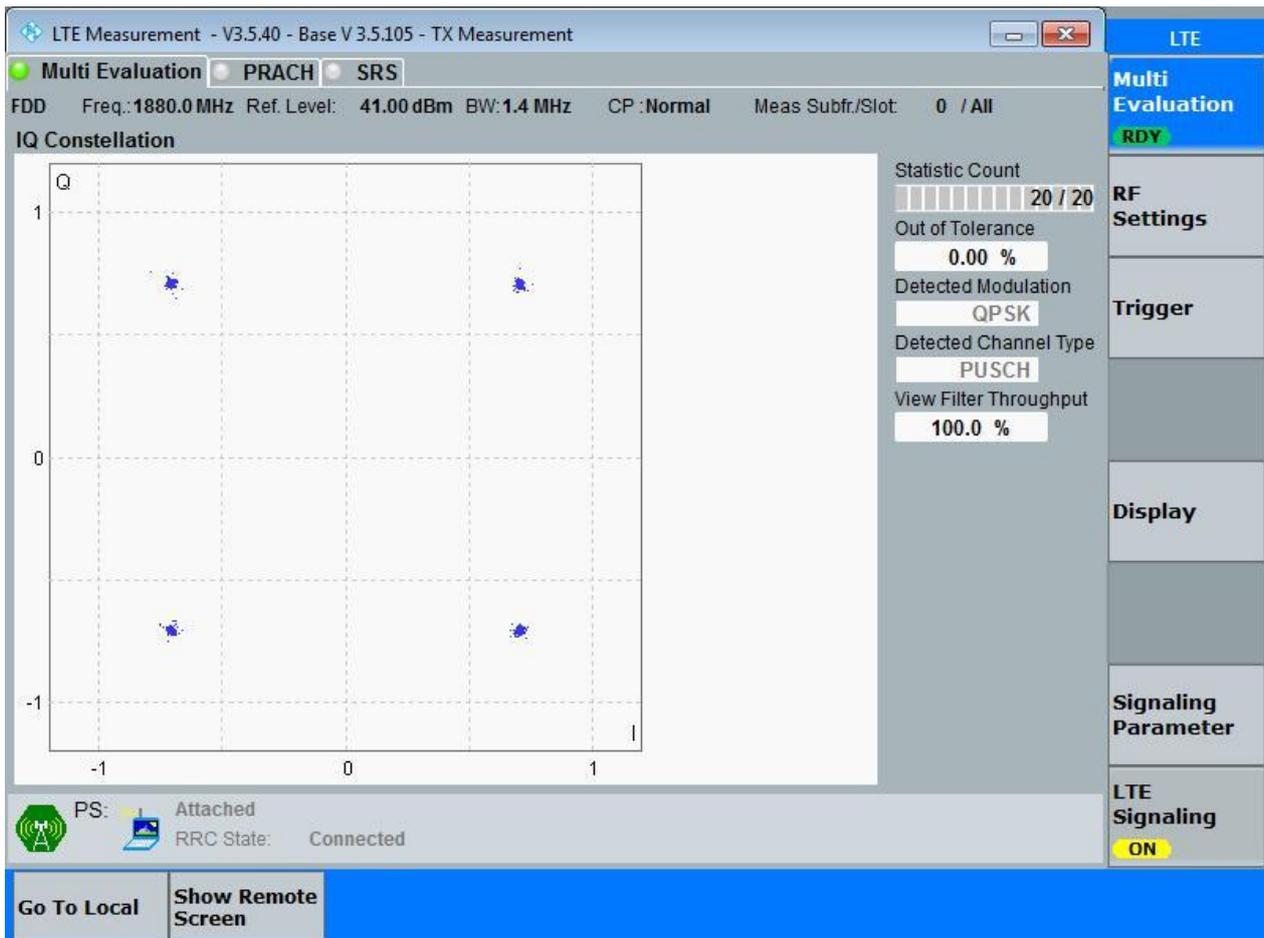### 3.1.1.1.6 Test Bandwidth = 20

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

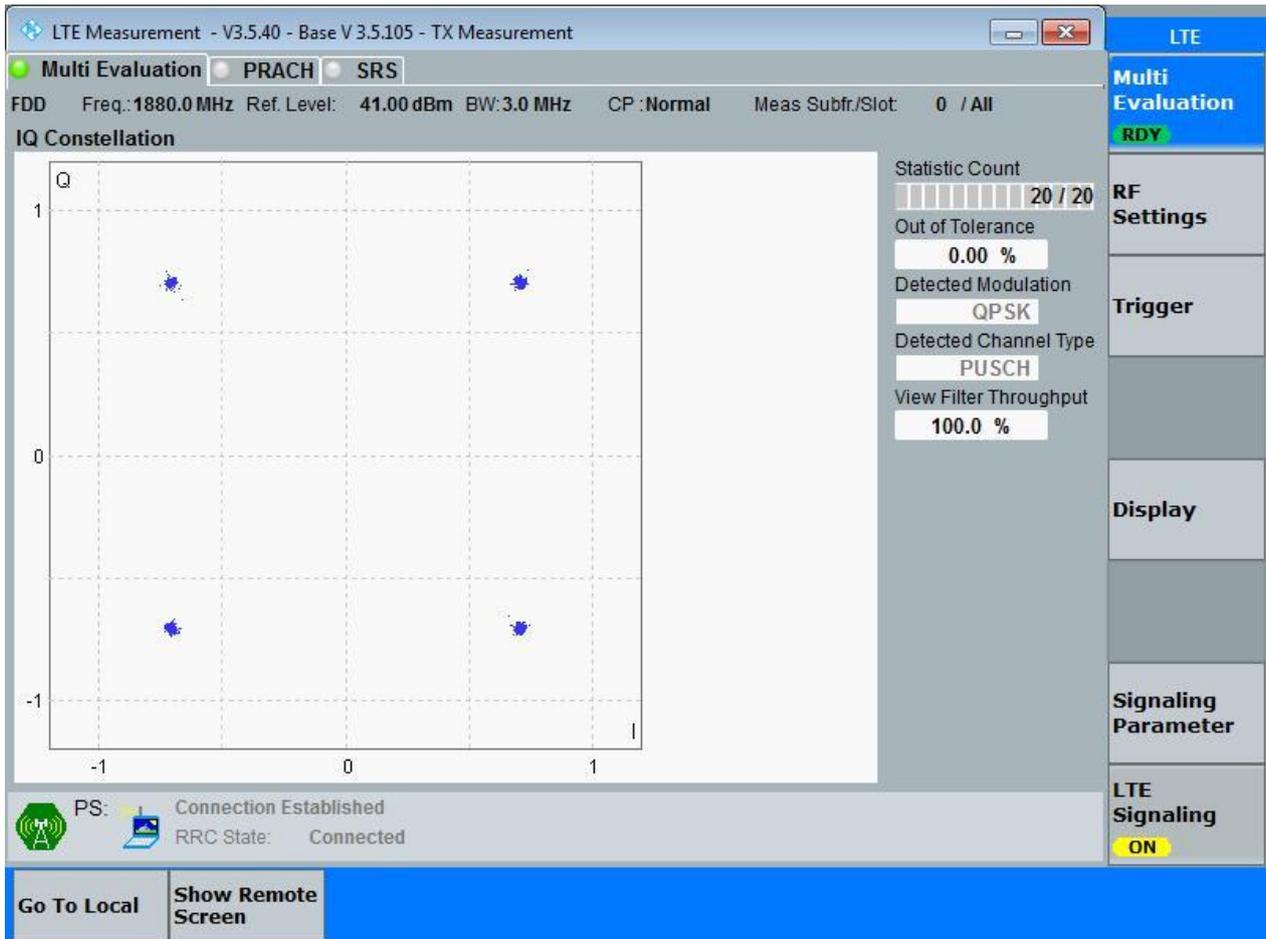### 3.1.1.2.1.1.1 Test RB = RB6#0

3.1.1.2.2 Test Bandwidth = 3
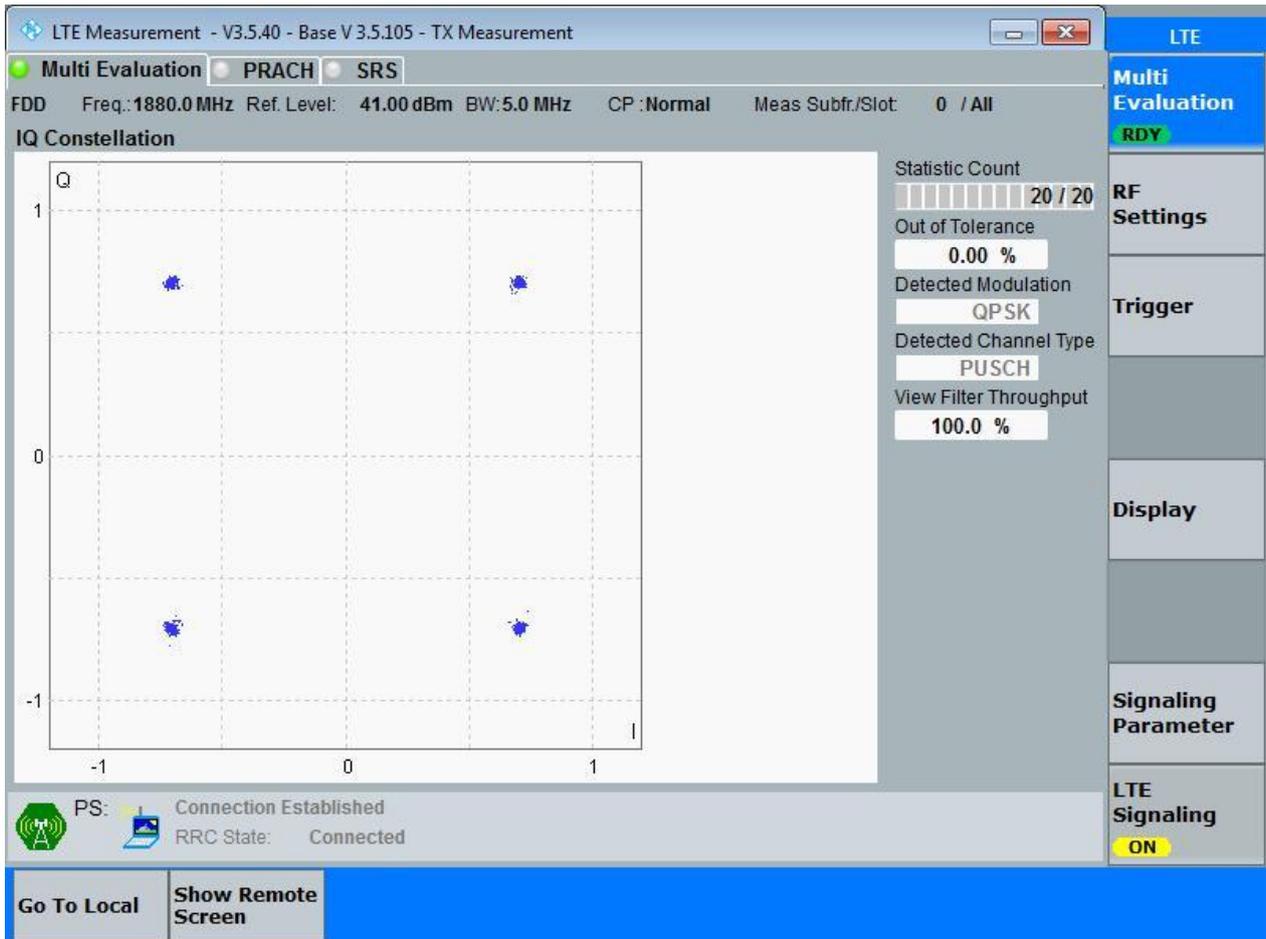
3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0

3.1.1.2.3 Test Bandwidth = 5
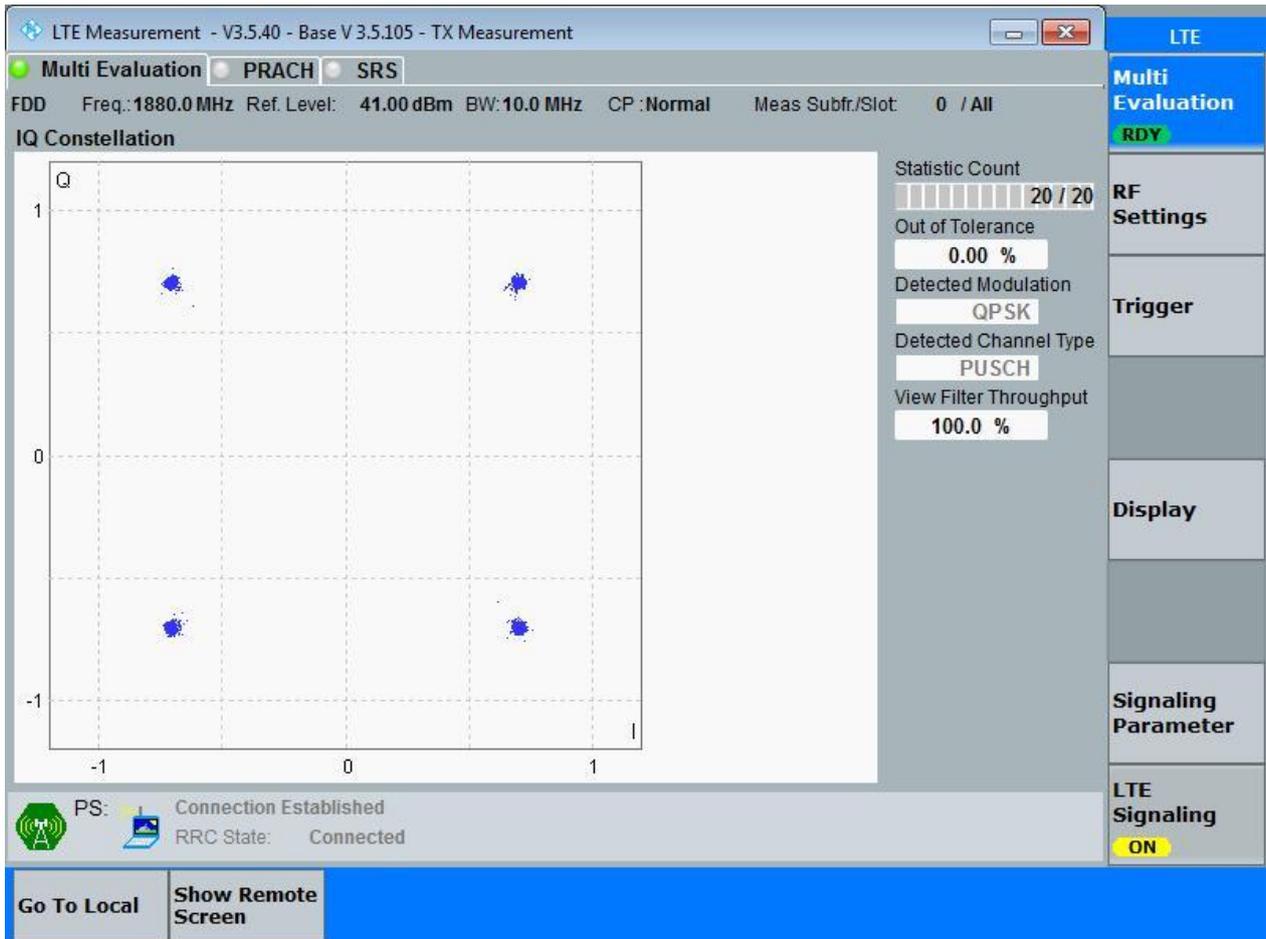
3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0

3.1.1.2.4 Test Bandwidth = 10
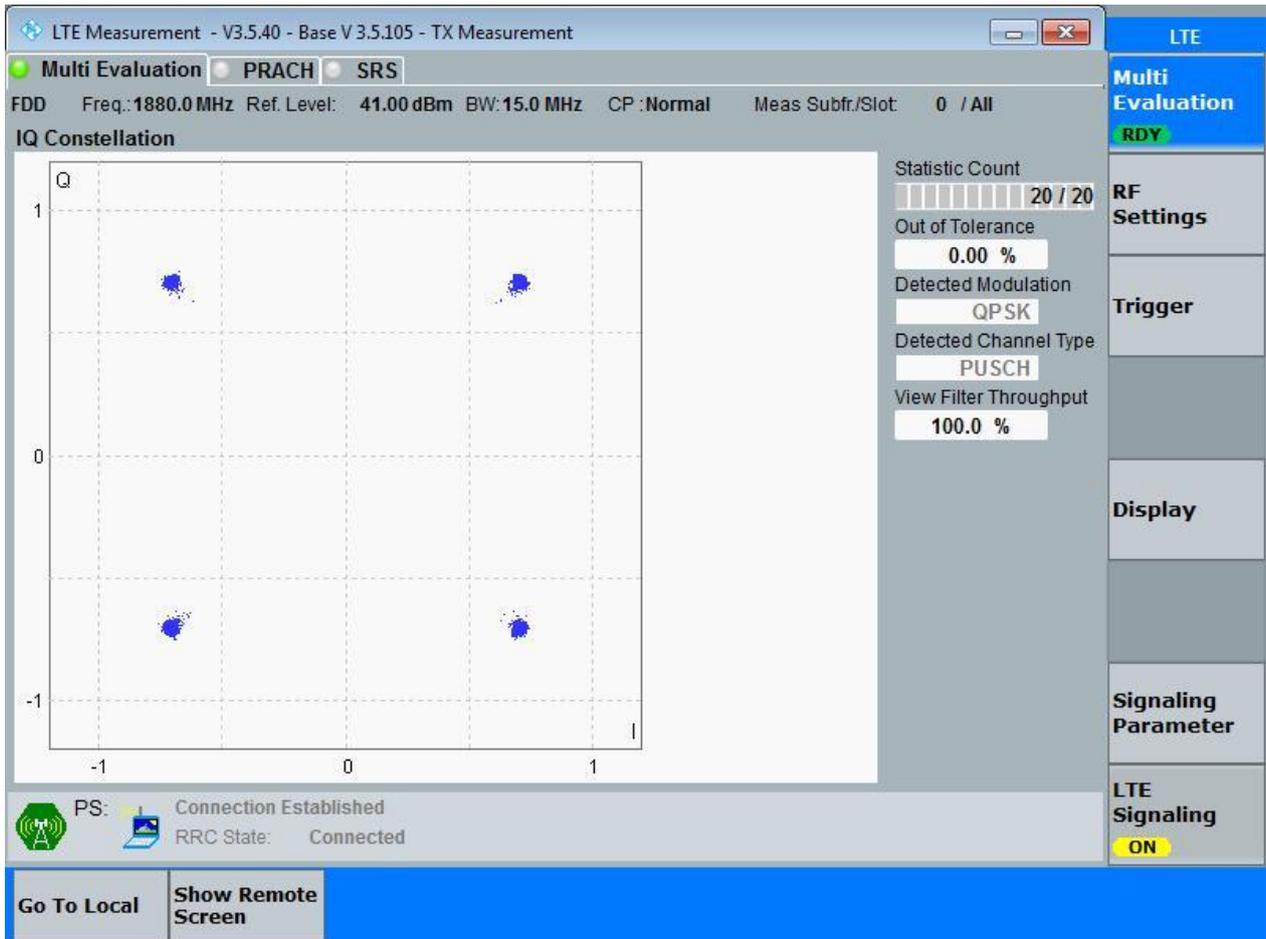
3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0

3.1.1.2.5 Test Bandwidth = 15
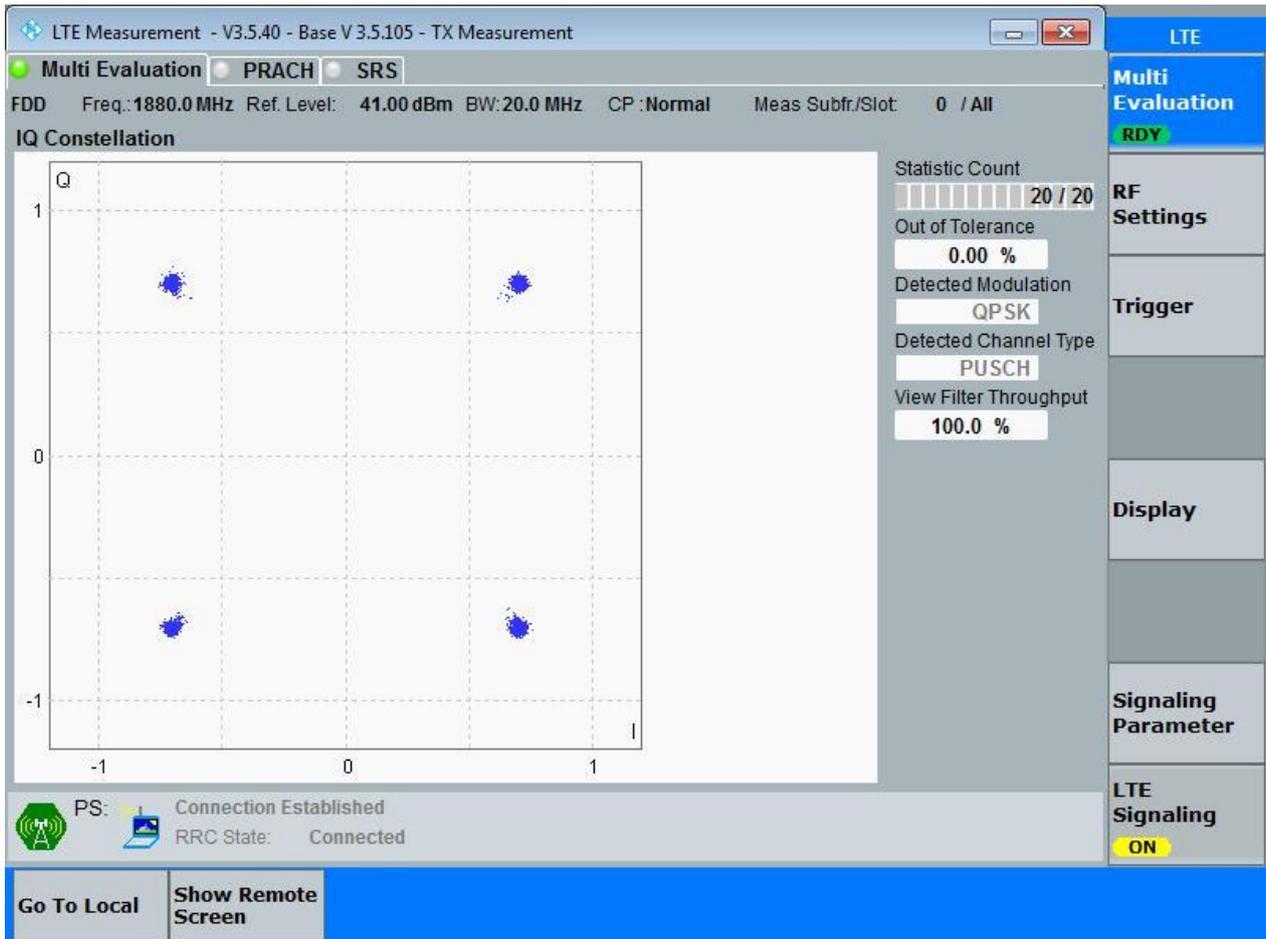
3.1.1.2.5.1 Test Channel = MCH

3.1.1.2.5.1.1 Test RB = RB75#0

3.1.1.2.6 Test Bandwidth = 20

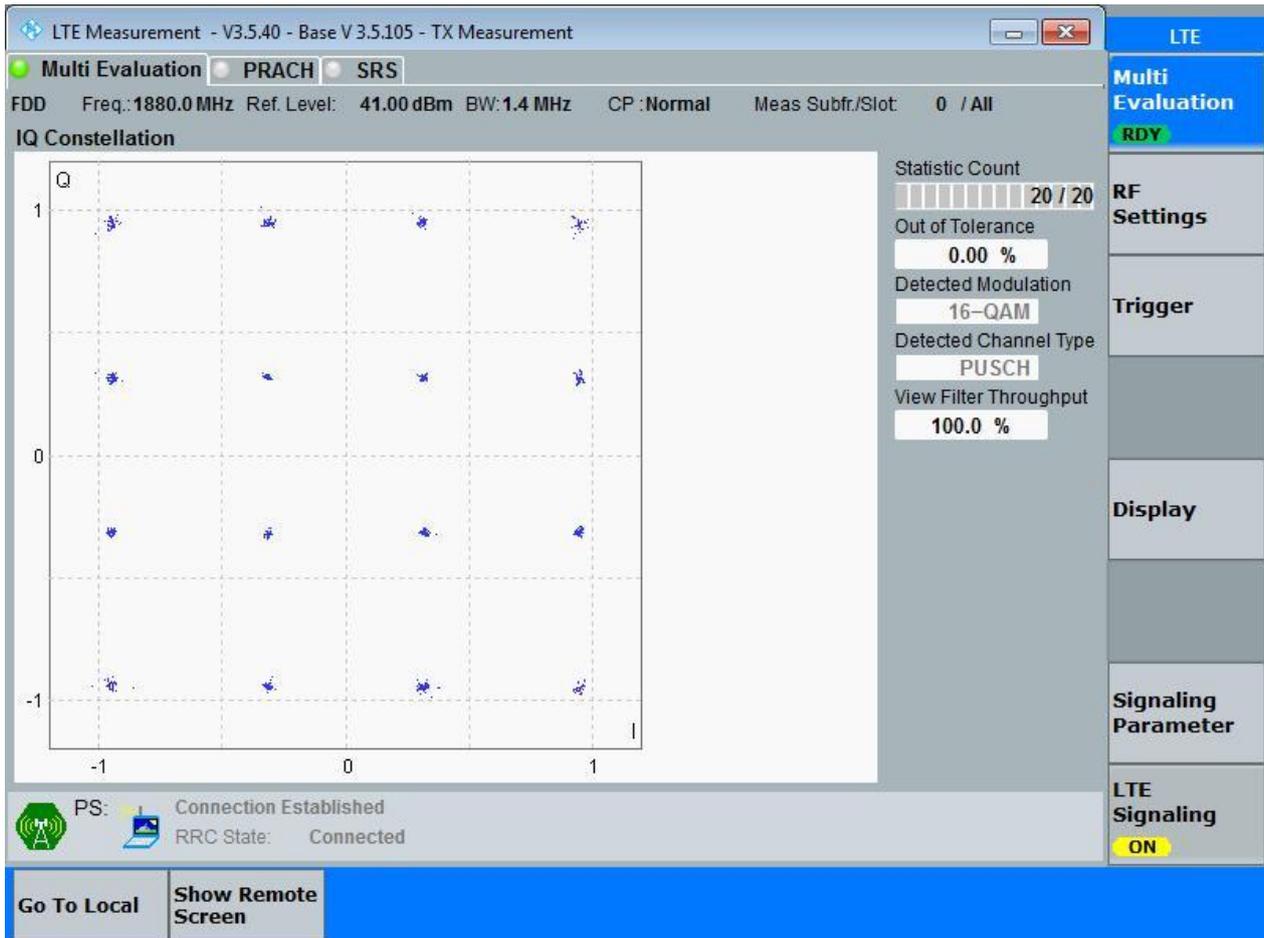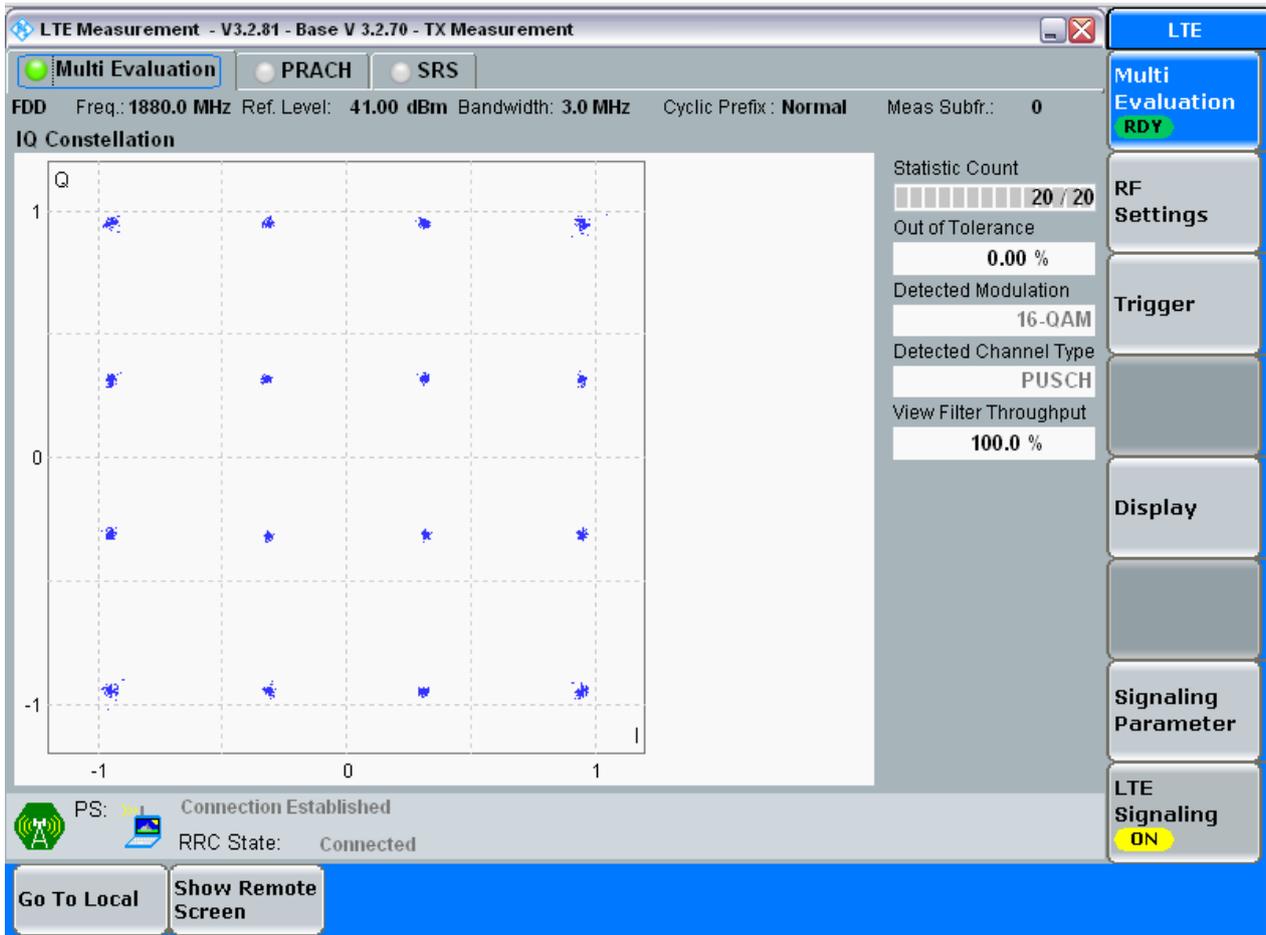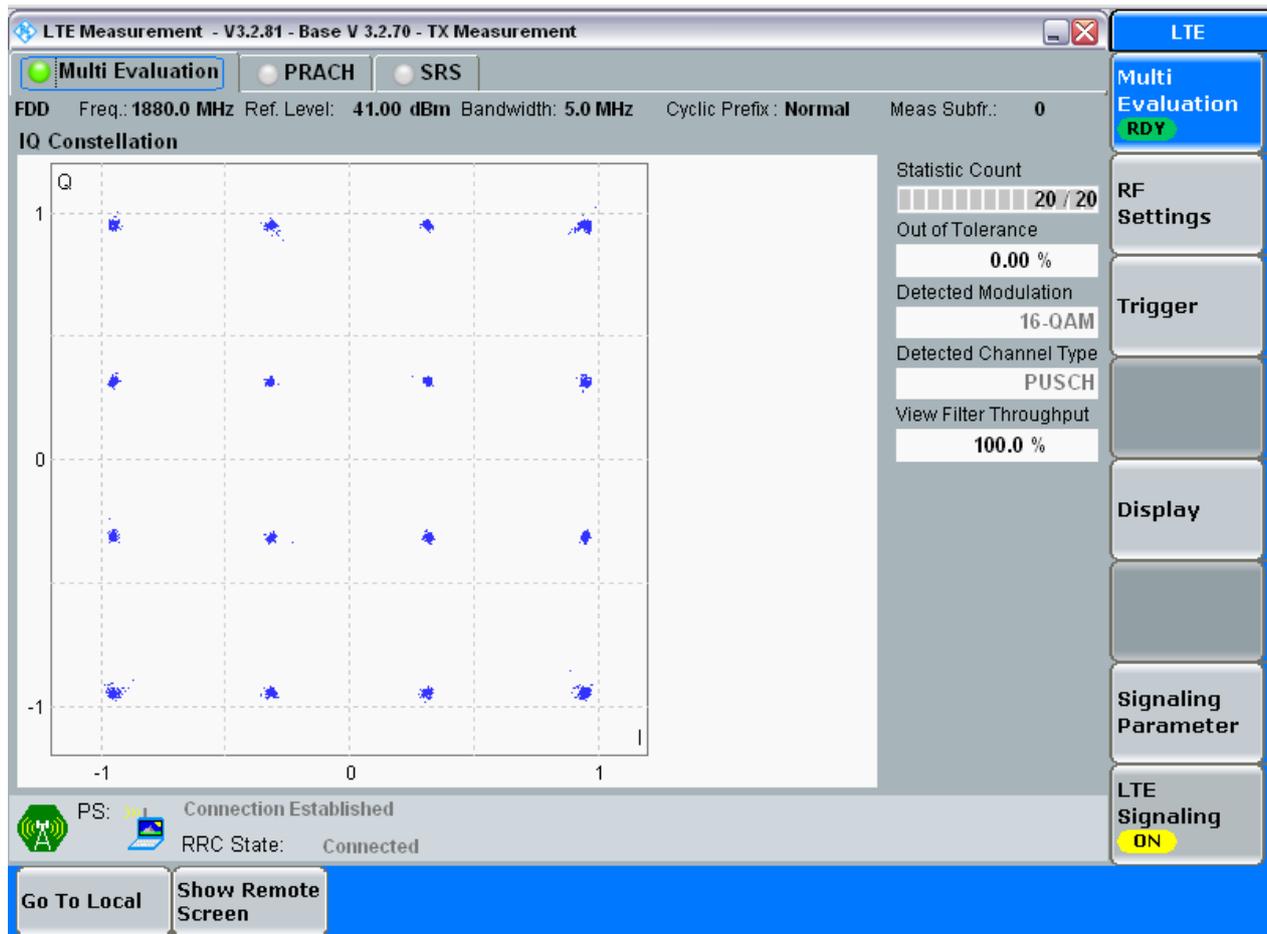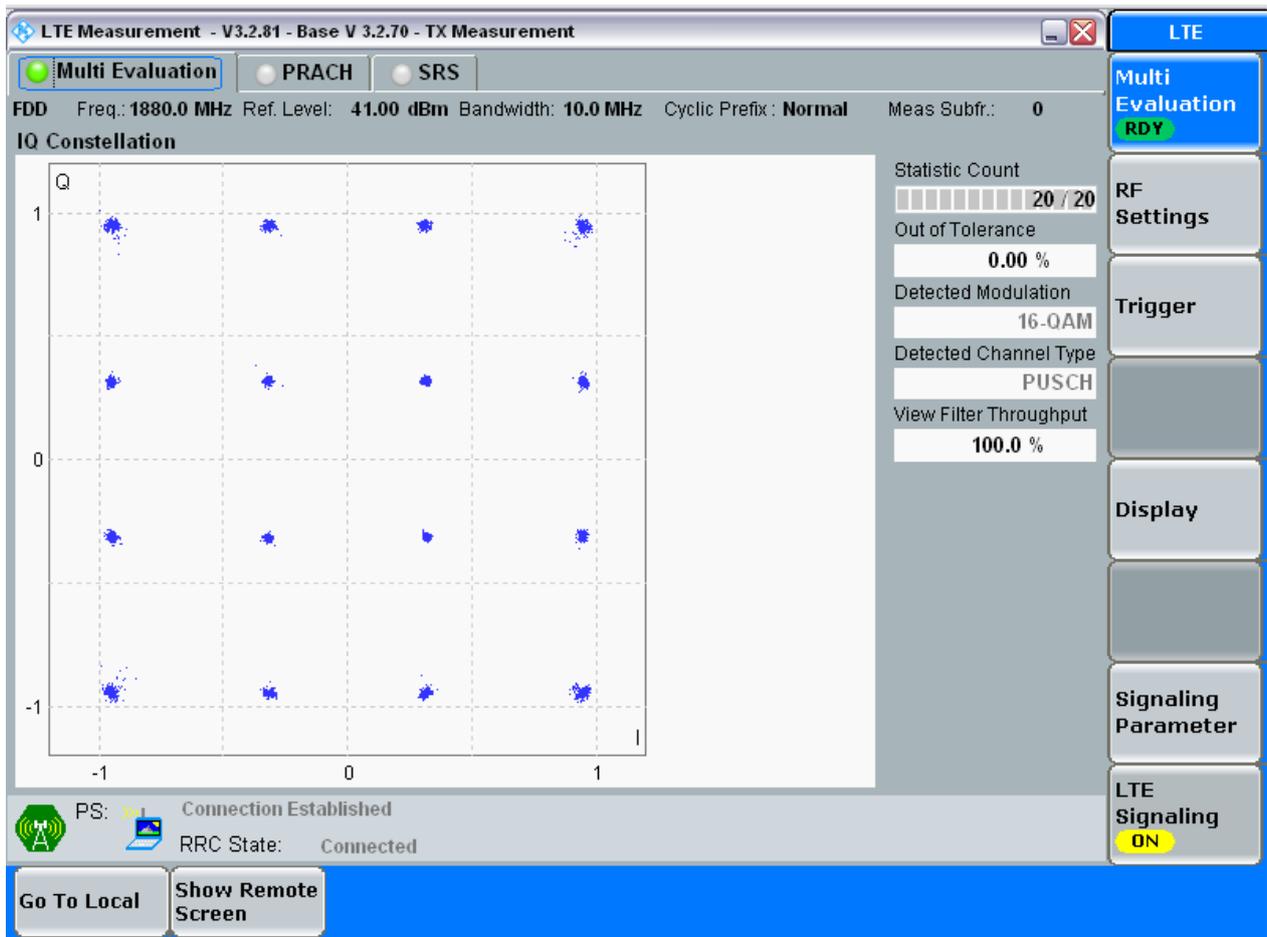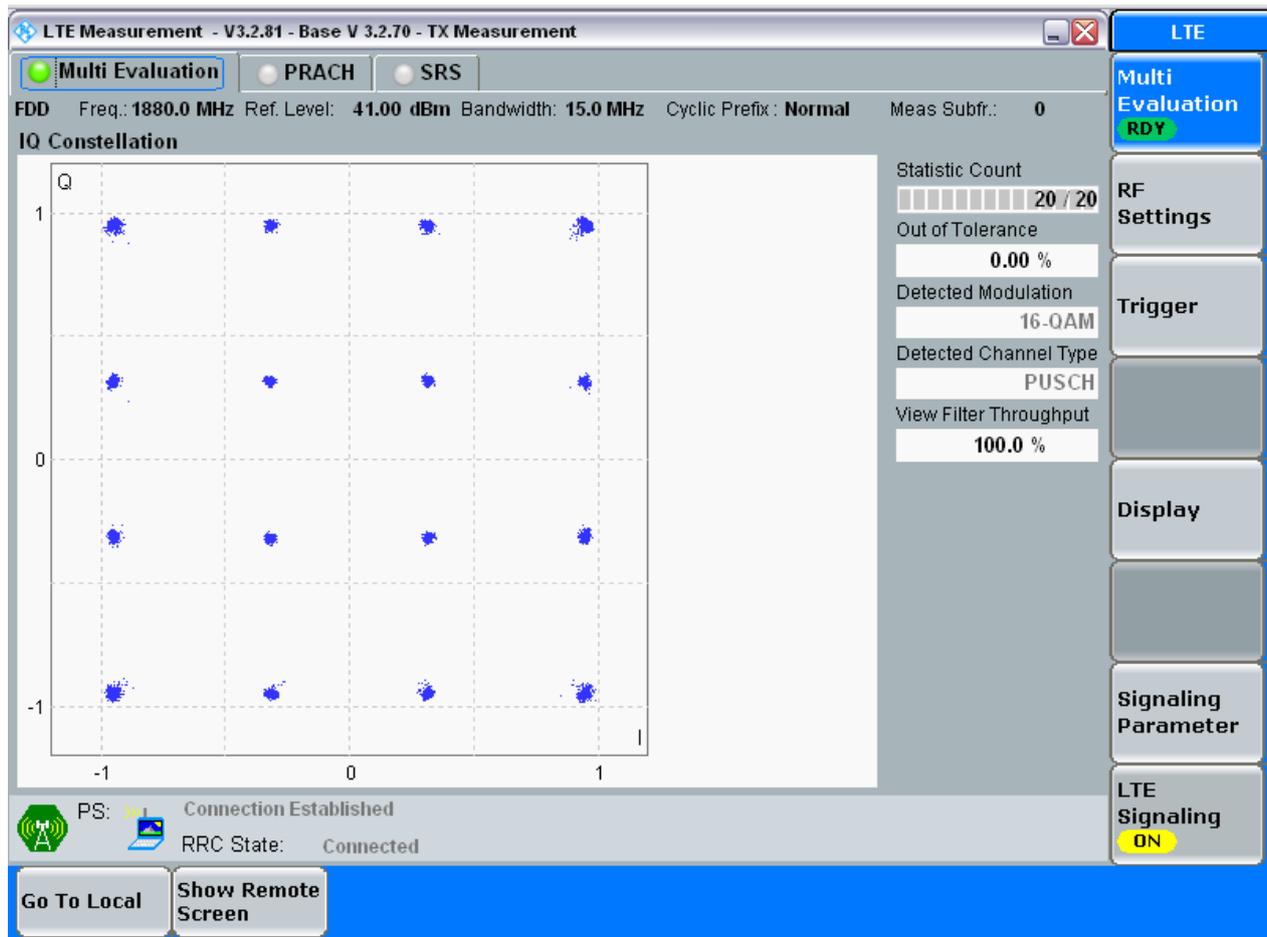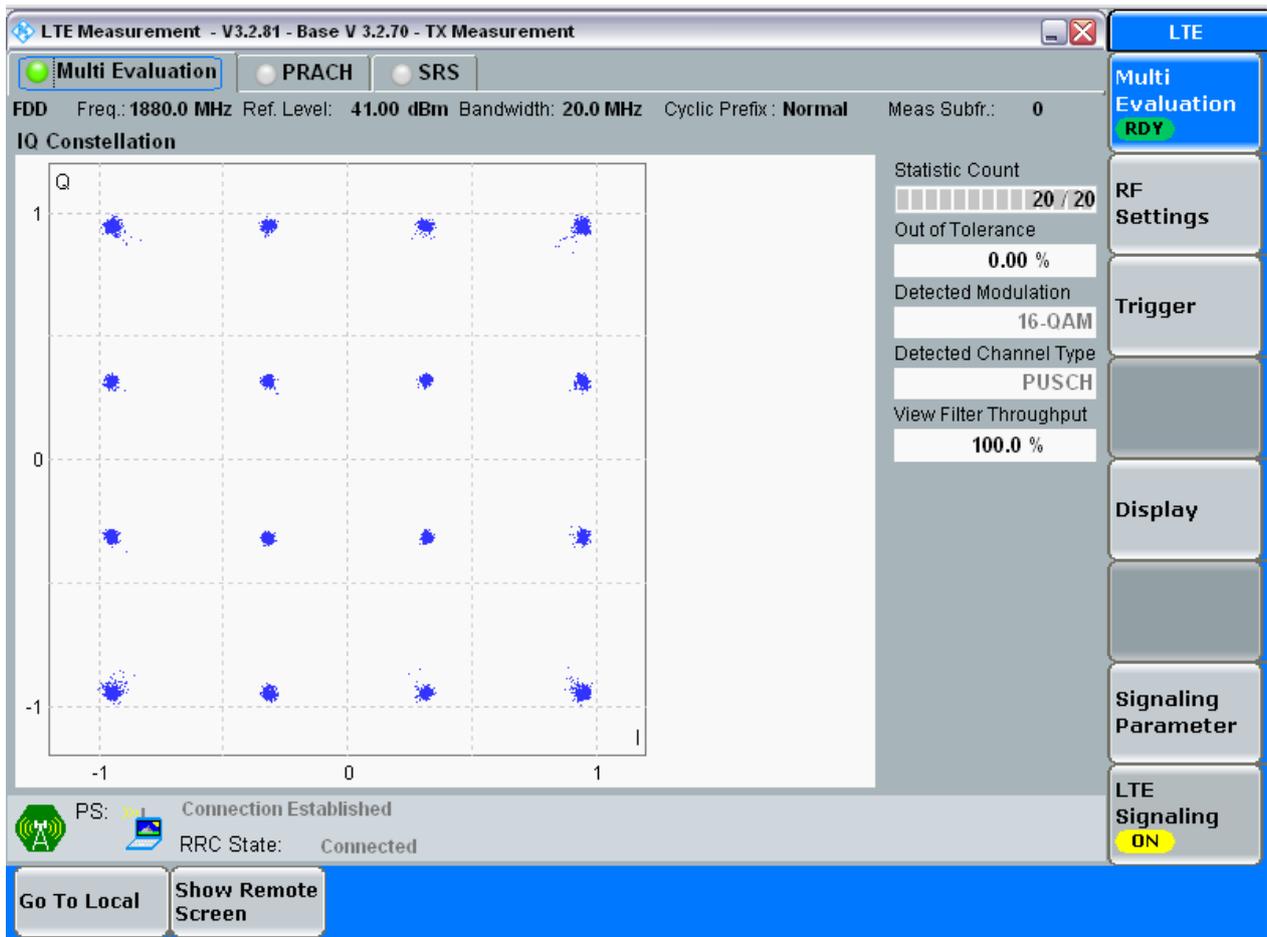### 3.1.1.2.6.1 Test Channel = MCH

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	1.22	Pass
			HCH	RB6#0	1.09	1.22	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.51	4.87	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	8.99	9.63	Pass
			MCH	RB50#0	9.00	9.64	Pass
			HCH	RB50#0	8.99	9.64	Pass
		15	LCH	RB75#0	13.46	14.37	Pass
			MCH	RB75#0	13.49	14.42	Pass
			HCH	RB75#0	13.46	14.49	Pass
		20	LCH	RB100#0	17.90	19.00	Pass
			MCH	RB100#0	17.99	19.10	Pass
			HCH	RB100#0	17.93	19.07	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.22	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.95	Pass
		5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.51	4.85	Pass
		10	LCH	RB50#0	8.99	9.61	Pass
			MCH	RB50#0	8.99	9.65	Pass
			HCH	RB50#0	8.98	9.61	Pass
		15	LCH	RB75#0	13.44	14.38	Pass
			MCH	RB75#0	13.48	14.45	Pass
			HCH	RB75#0	13.47	14.39	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	17.89	19.01	Pass
			MCH	RB100#0	18.00	19.13	Pass
			HCH	RB100#0	17.93	19.07	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
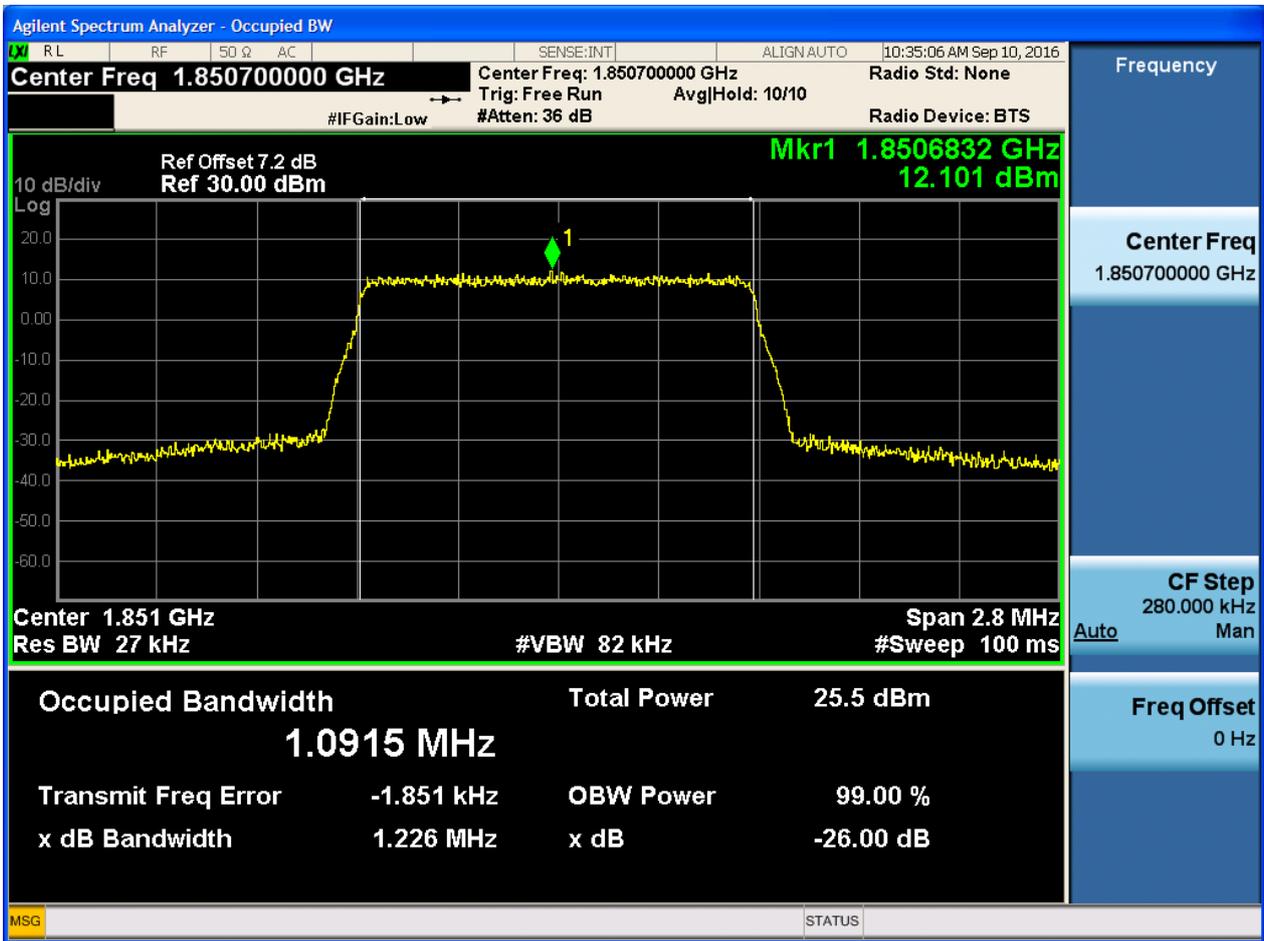
4.1.1.1.1.2 Test Channel = MCH

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
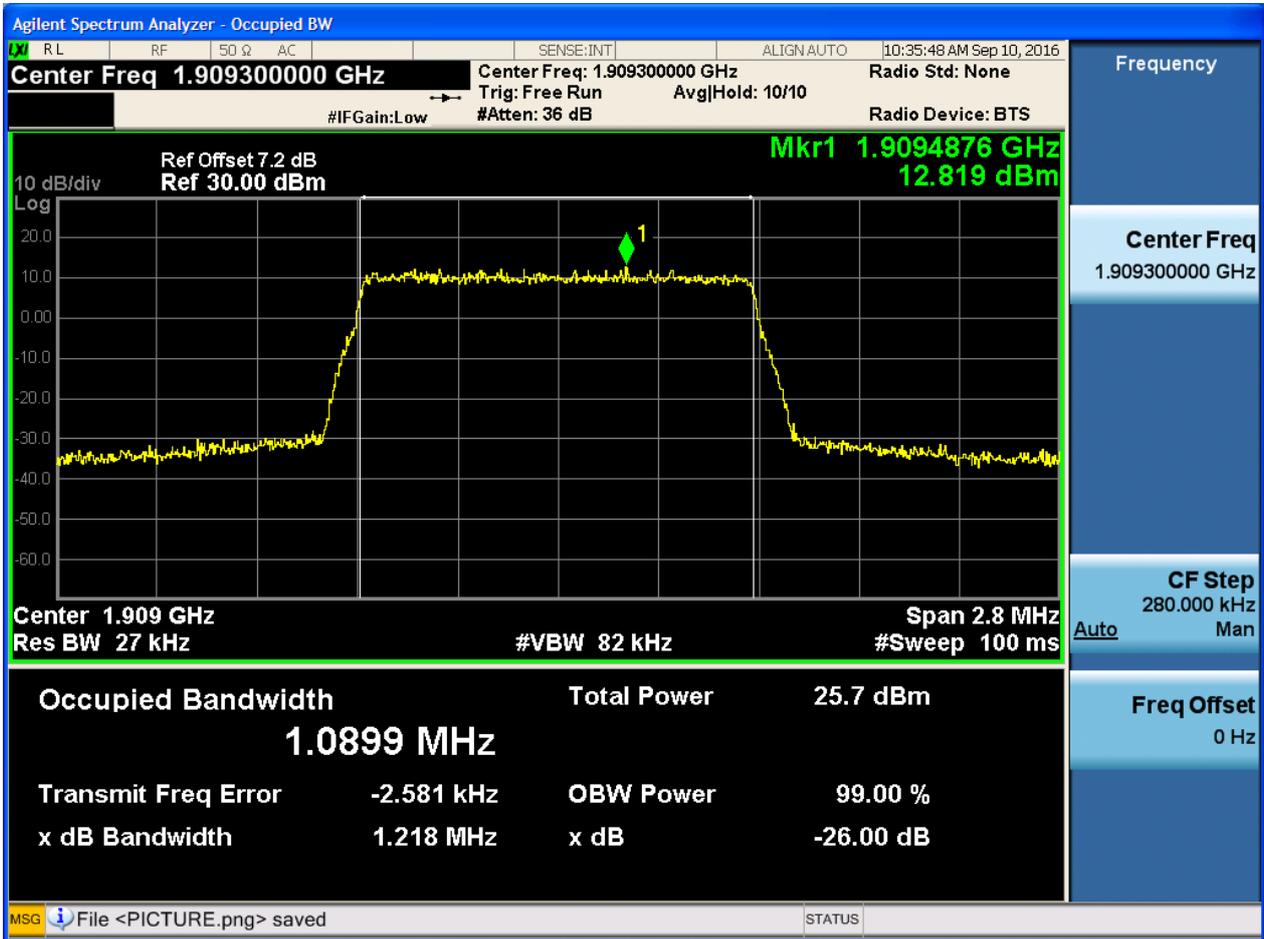
4.1.1.1.2 Test Bandwidth = 3

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
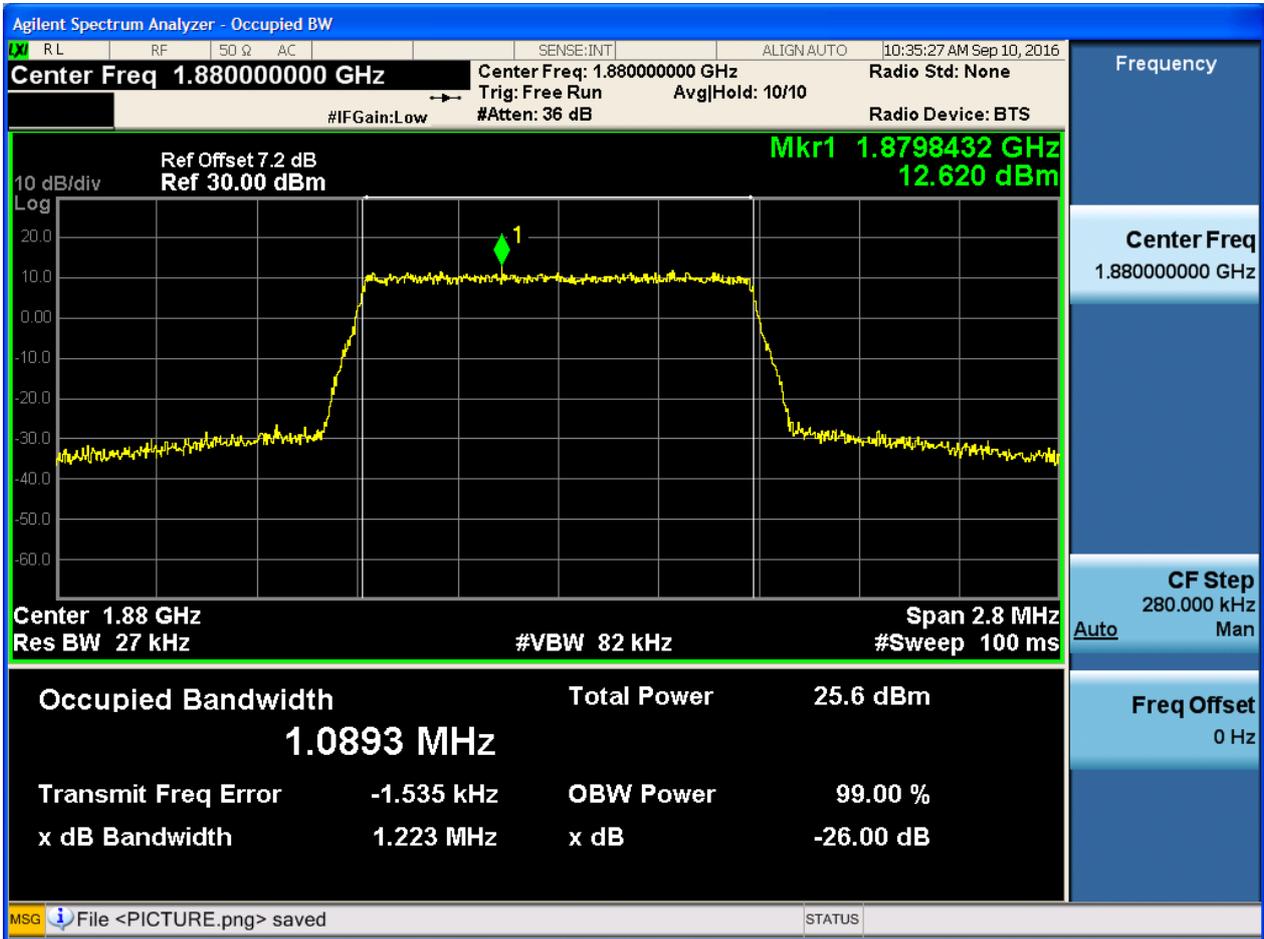
4.1.1.1.3.1.1 Test RB = RB25#0

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

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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

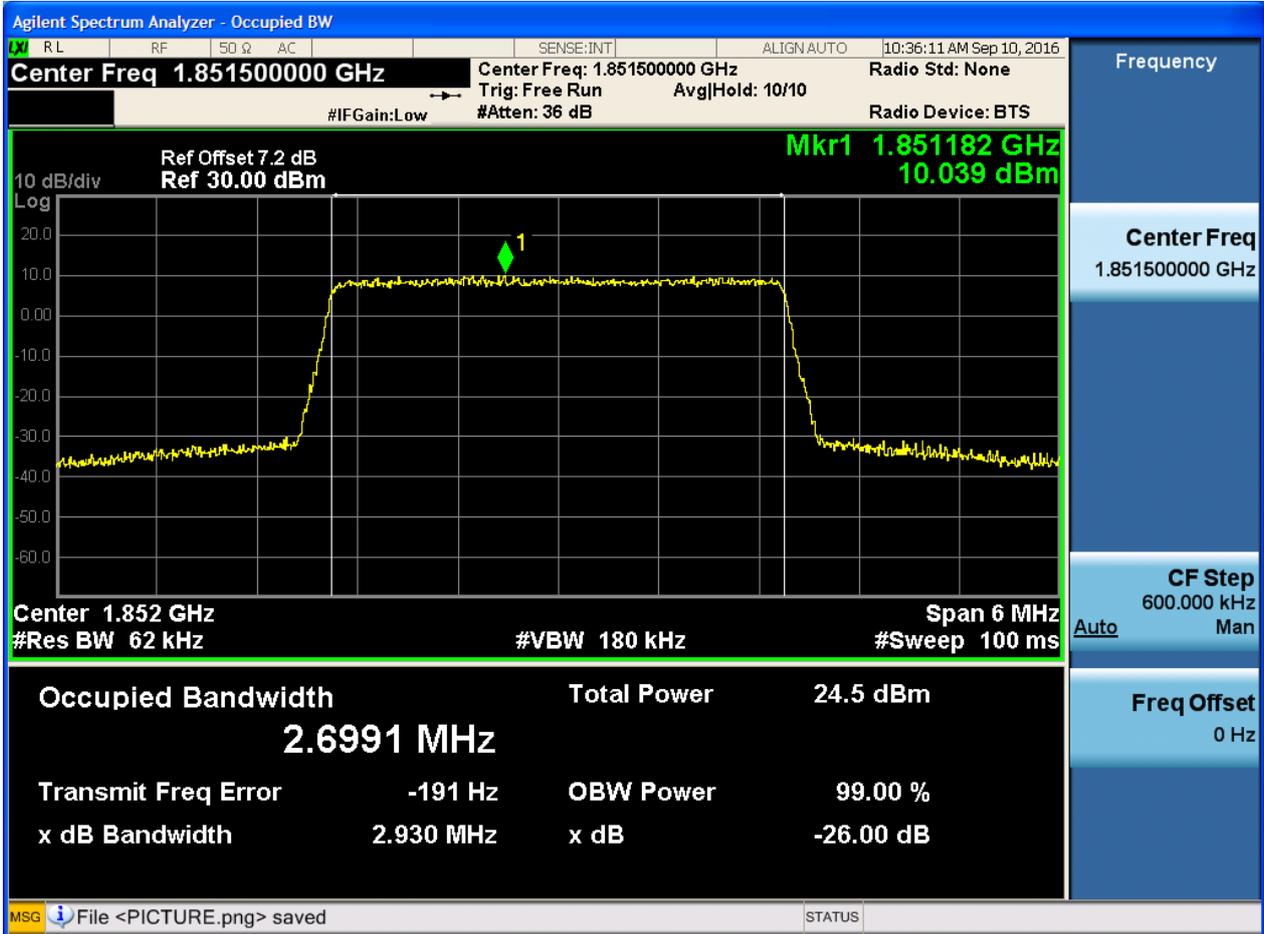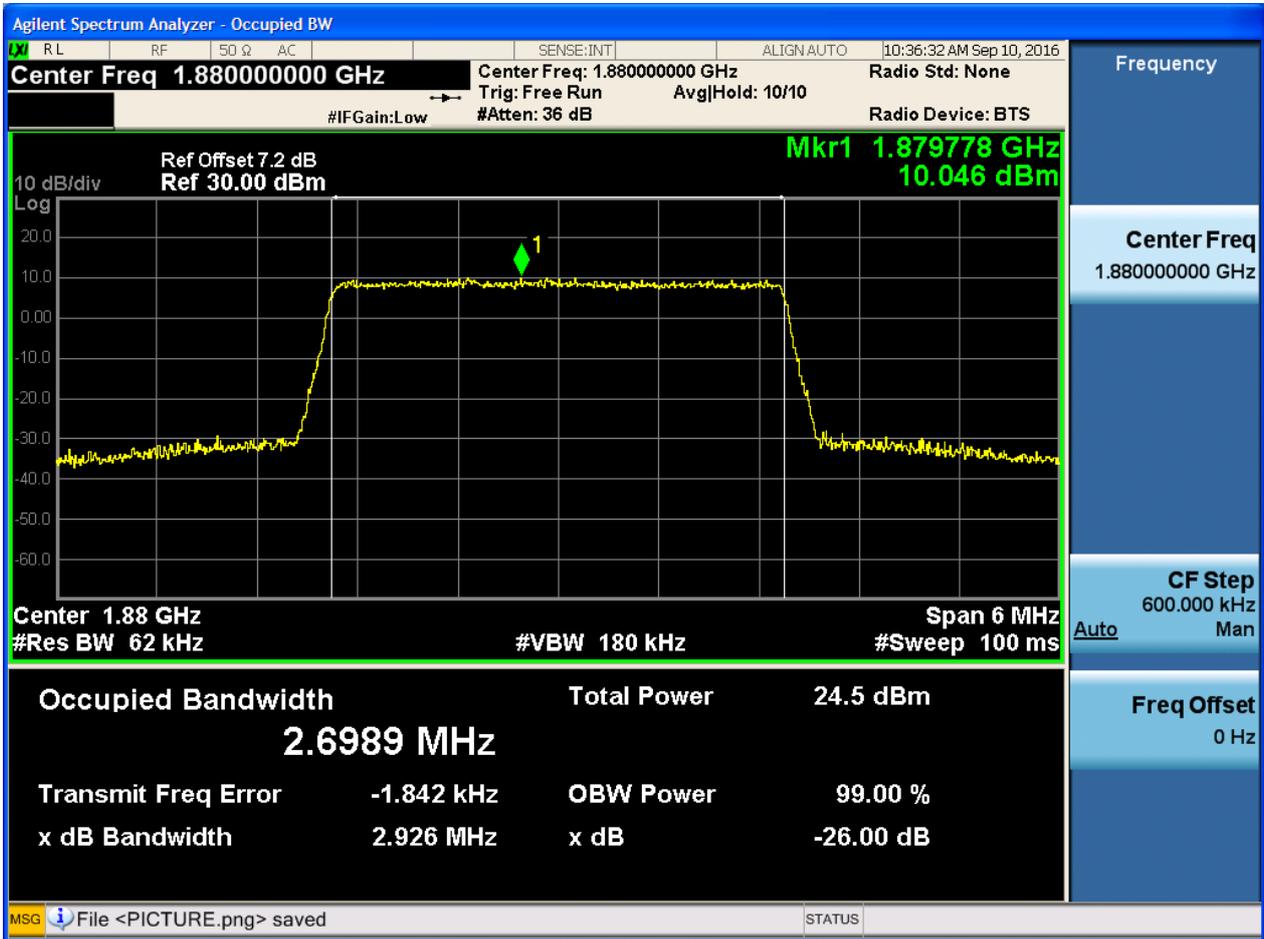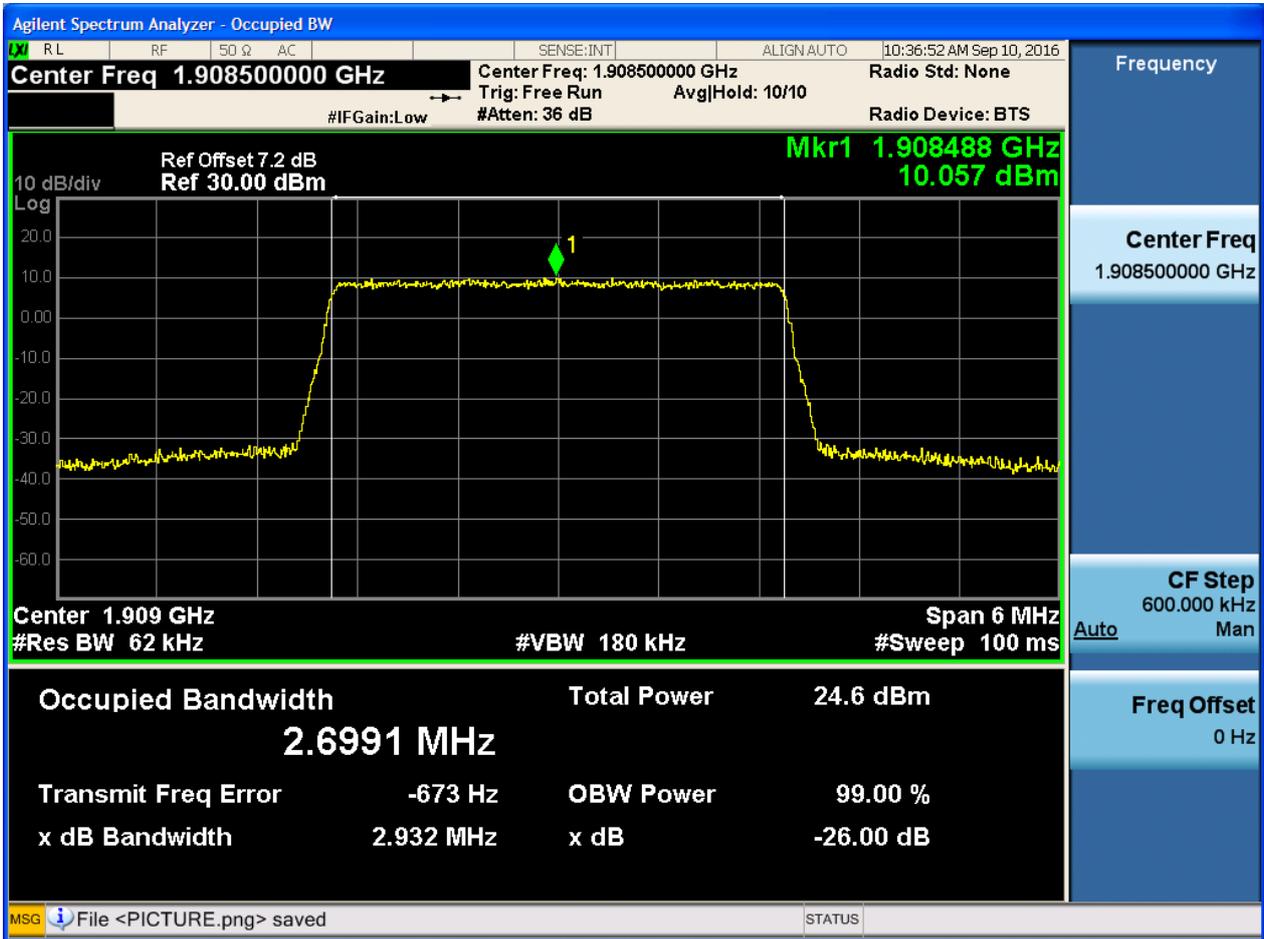## 4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0

4.1.1.1.4.3 Test Channel = HCH
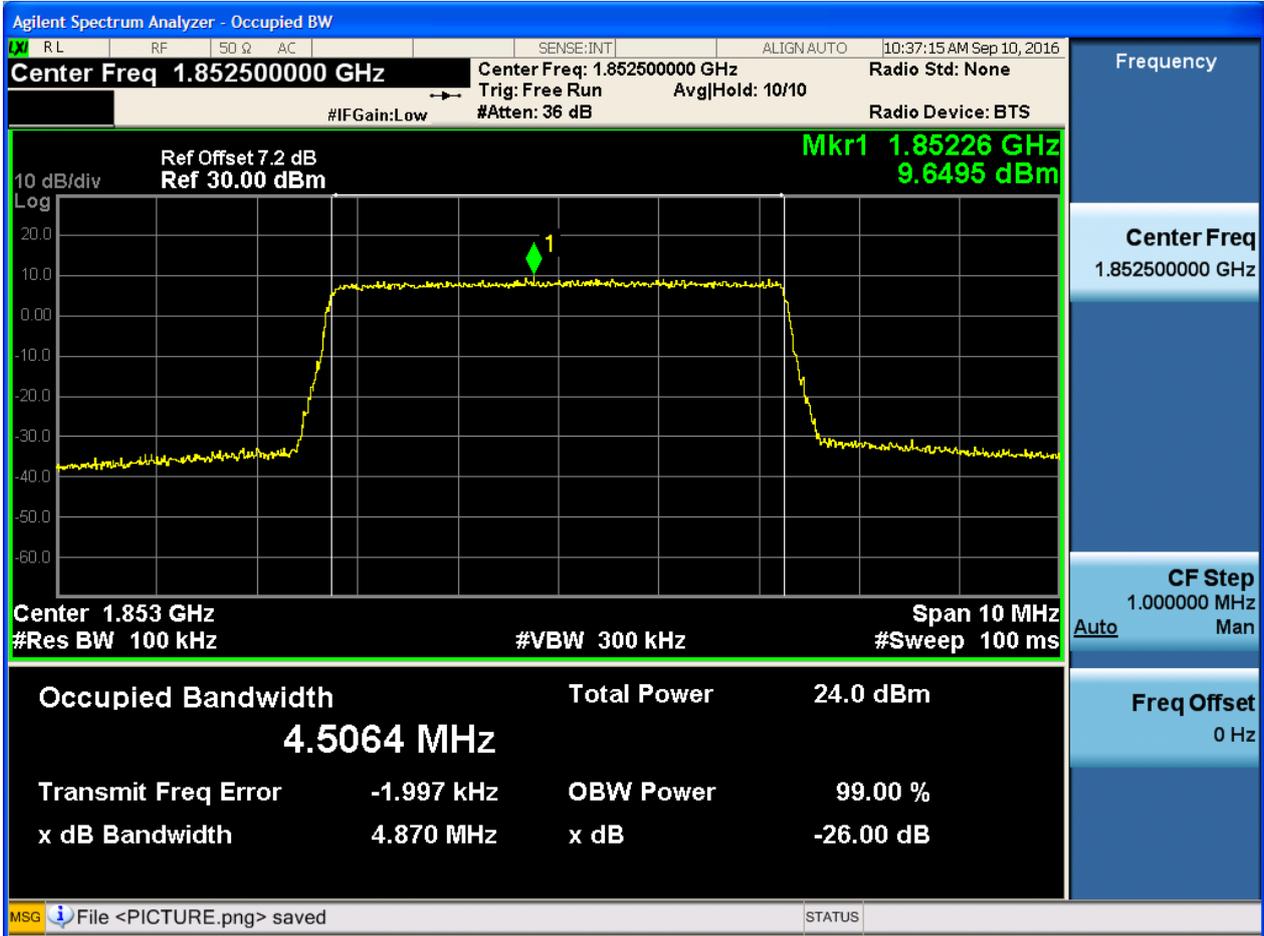
4.1.1.1.4.3.1 Test RB = RB50#0
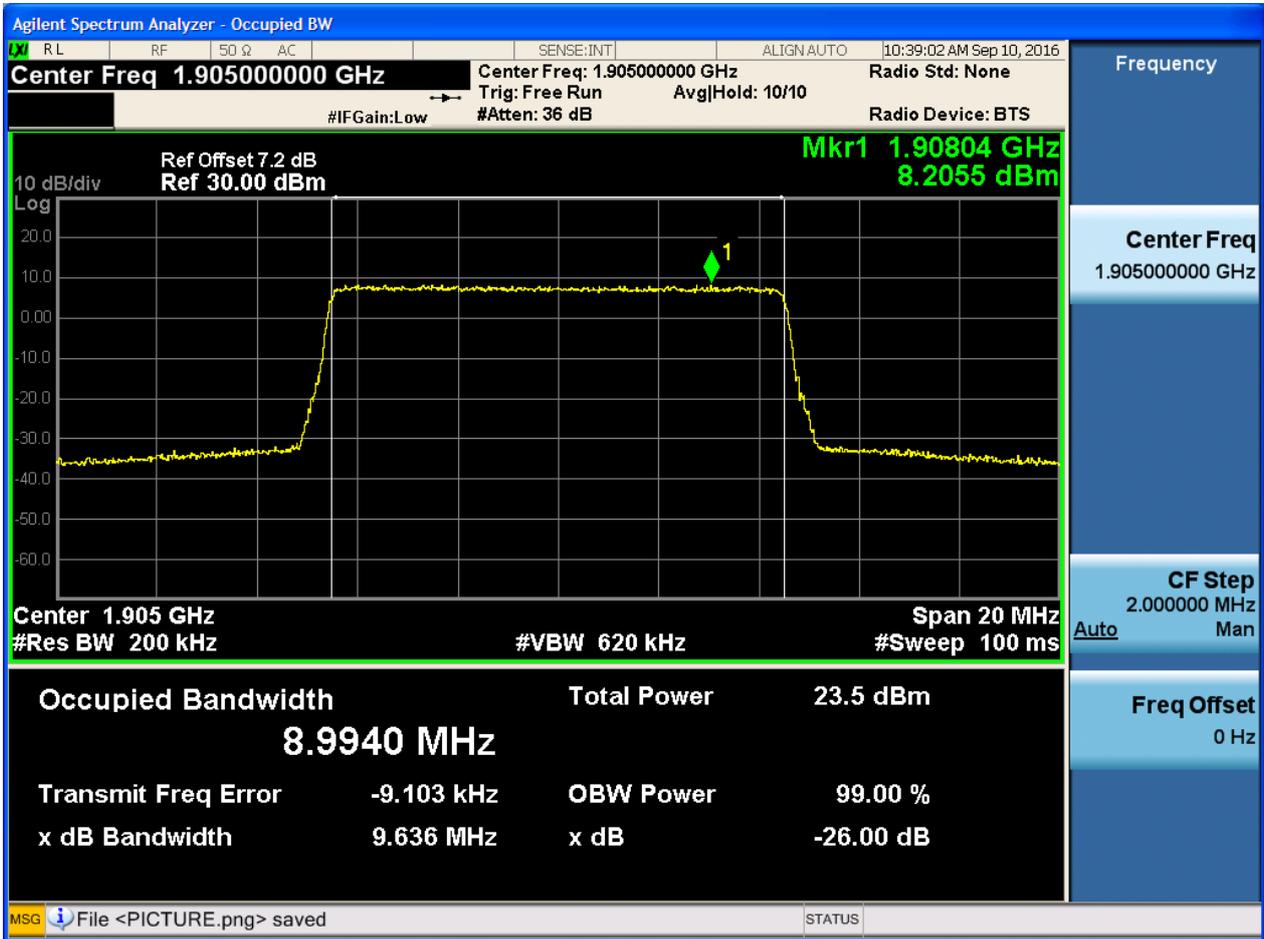
4.1.1.1.5 Test Bandwidth = 15

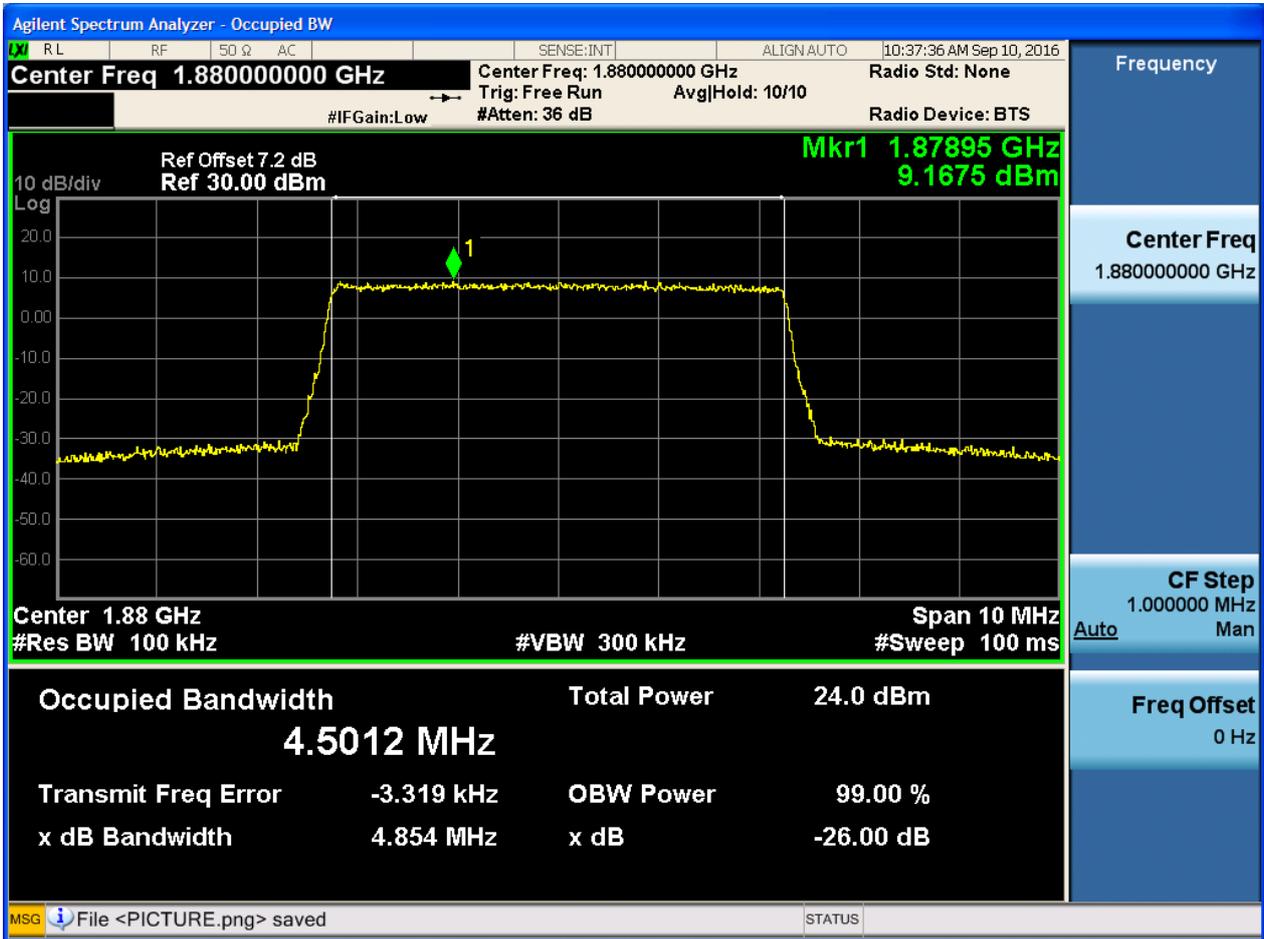## 4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0

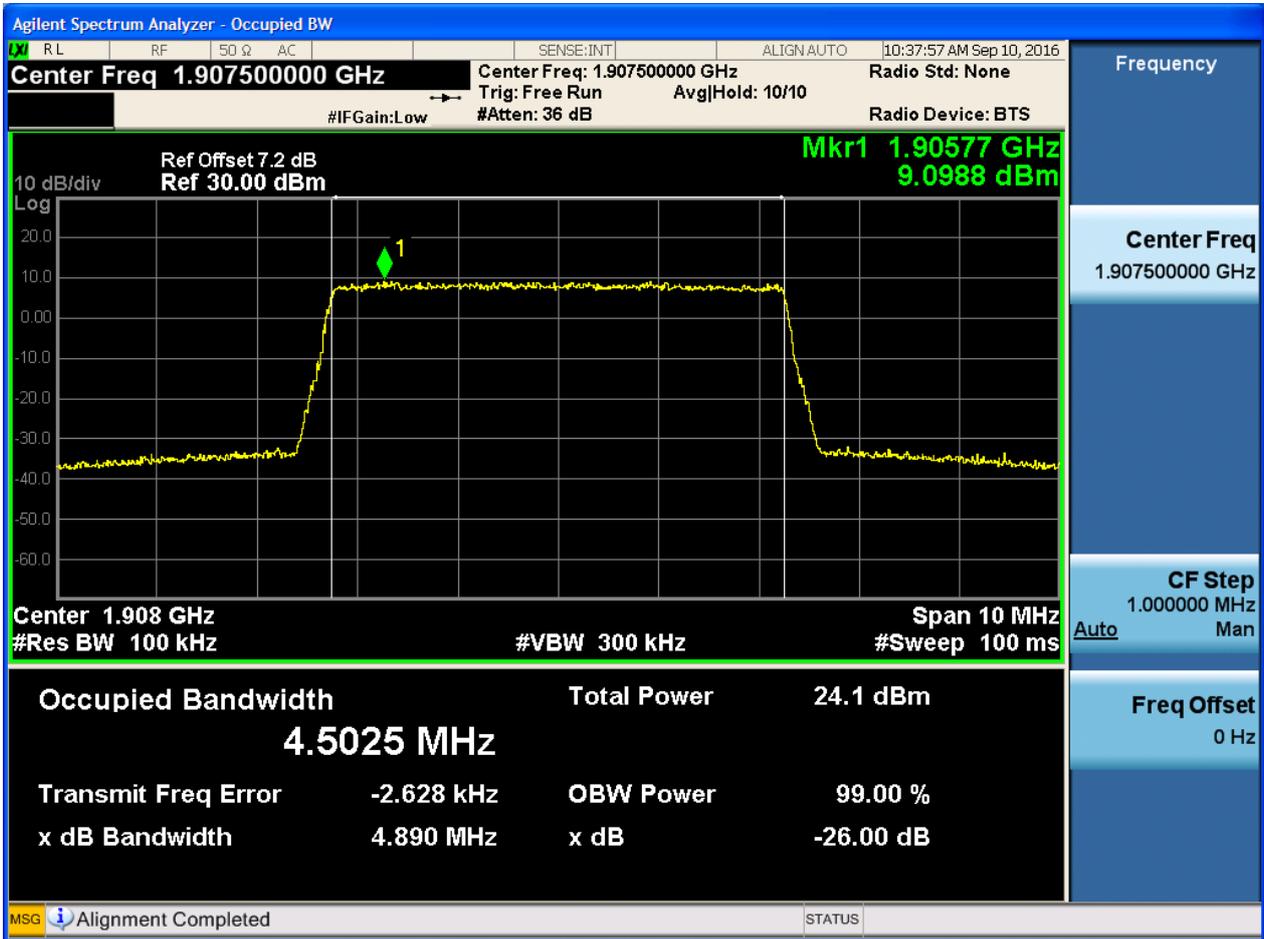## 4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0
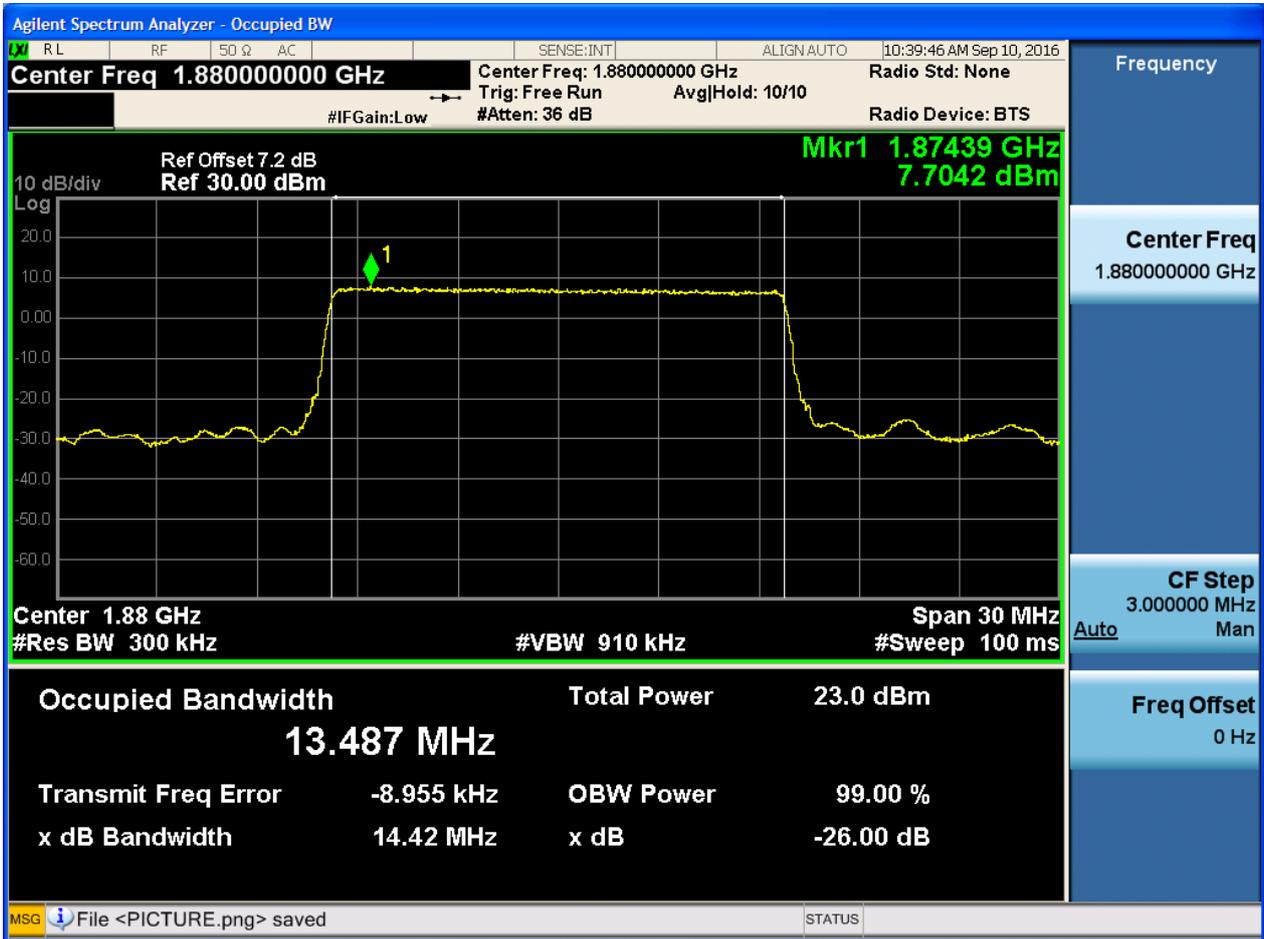
4.1.1.1.5.3 Test Channel = HCH

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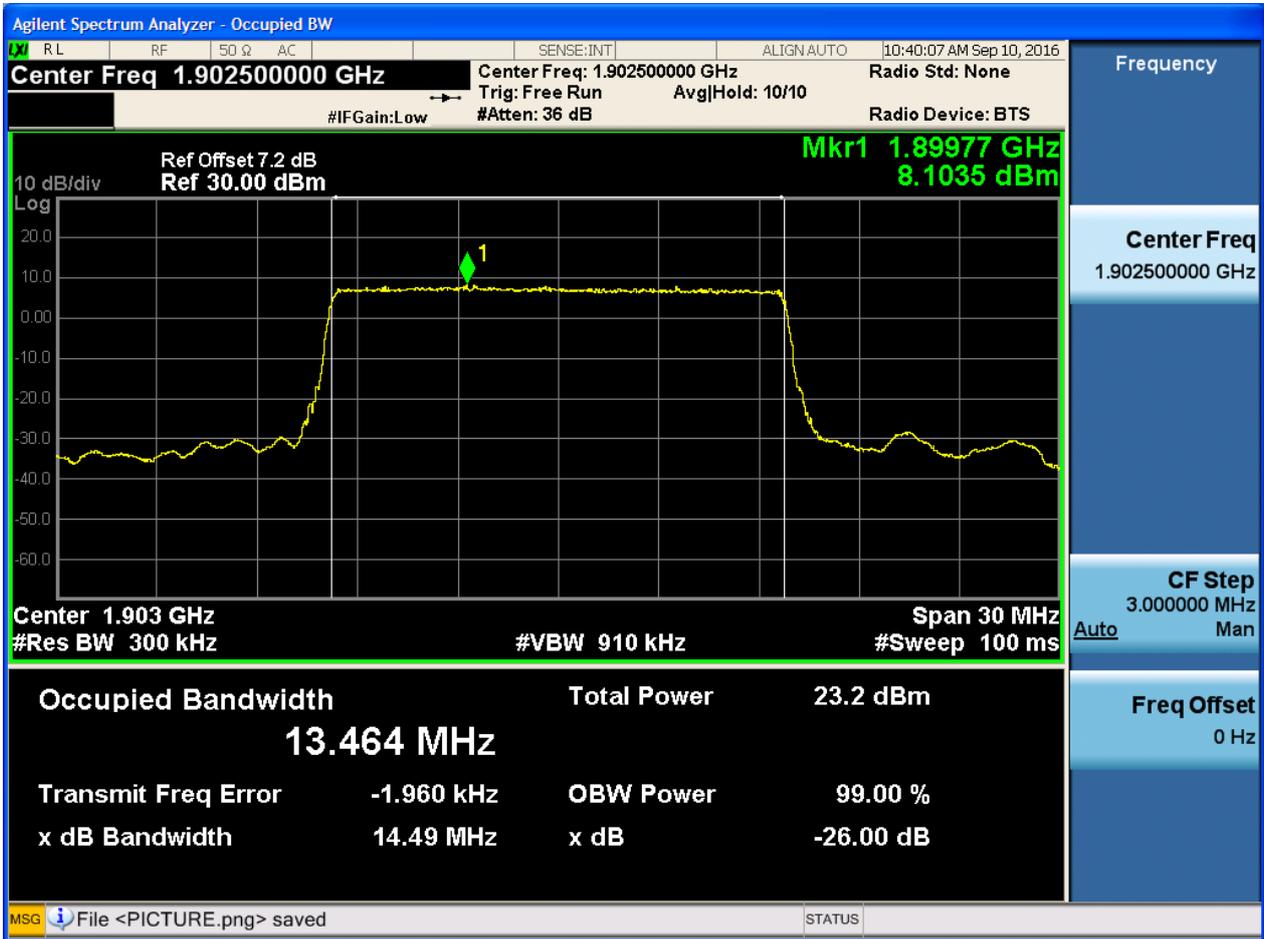
4.1.1.1.6 Test Bandwidth = 20

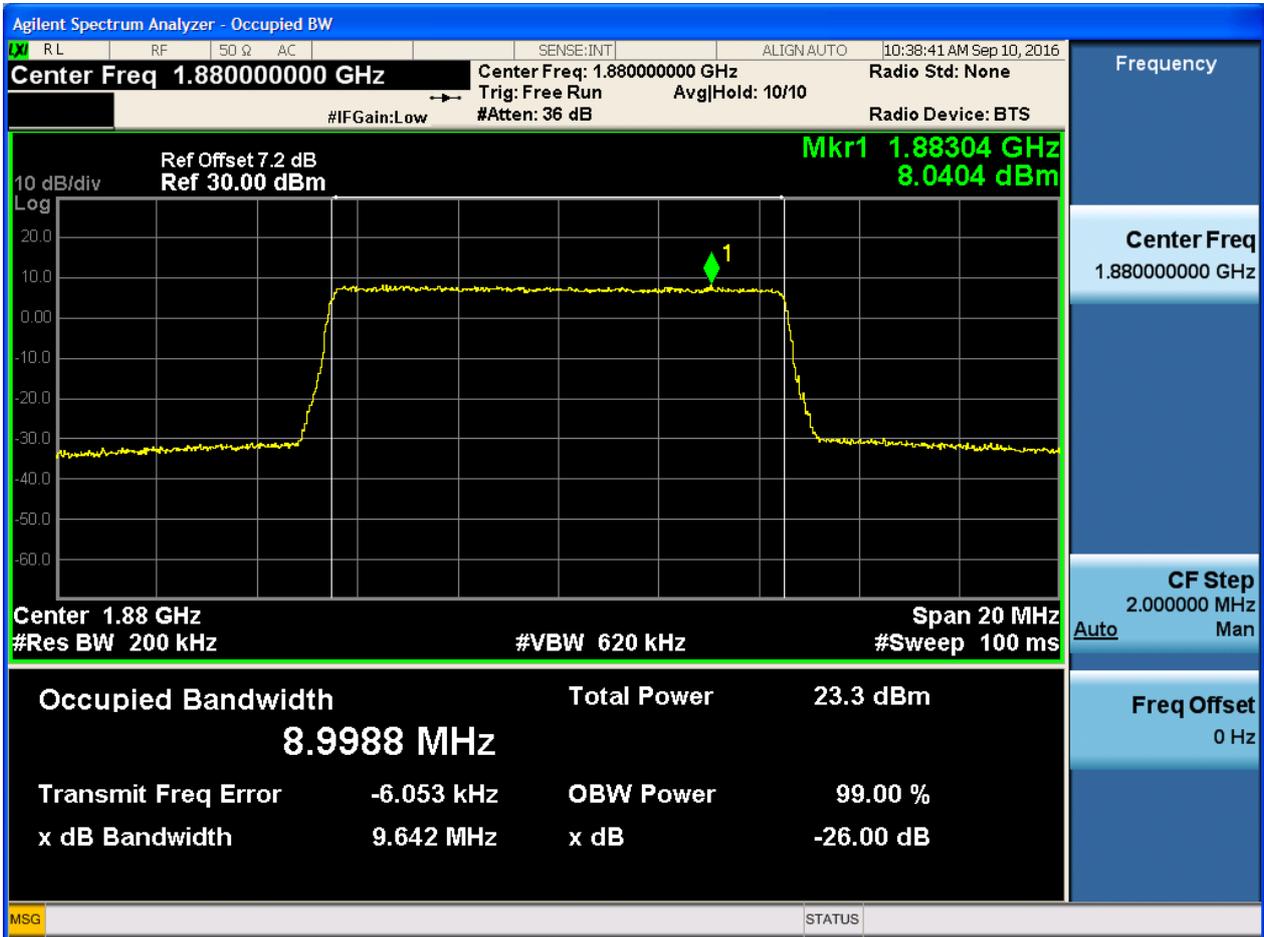### 4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0
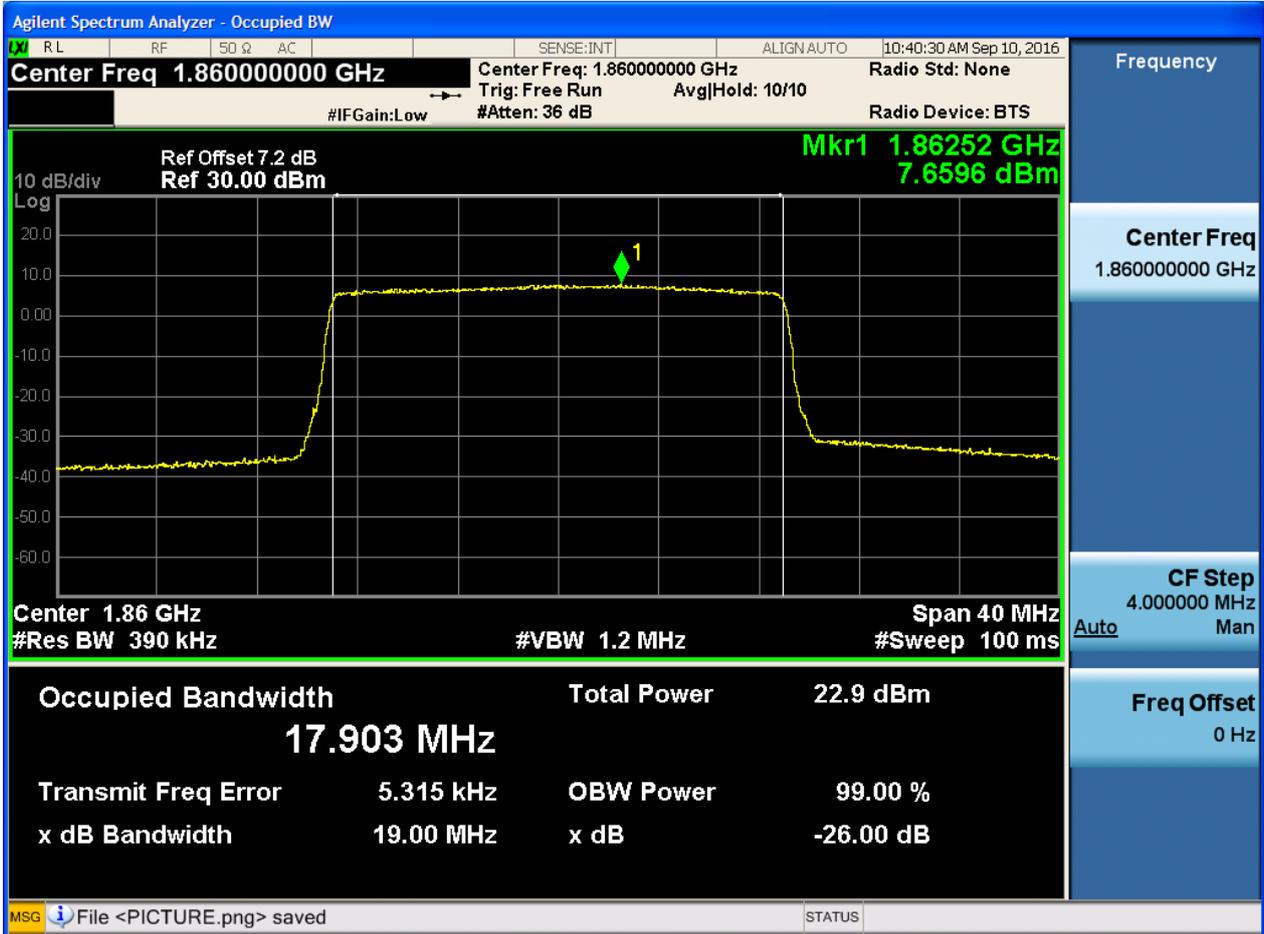
4.1.1.1.6.2 Test Channel = MCH

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

Agilent Spectrum Analyzer - Occupied BW

Center Freq 1.909300000 GHz	Center Freq: 1.909300000 GHz	Radio Std: None
	Trig: Free Run	Avg|Hold: 10/10
#IFGain:Low	#Atten: 36 dB	Radio Device: BTS

SENSE:INT   ALIGN AUTO   10:42:17 AM Sep 10, 2016

Ref Offset 7.2 dB
Ref 30.00 dBm
10 dB/div
Log

Mkr1 1.9096836 GHz
11.692 dBm

Center 1.909 GHz   Span 2.8 MHz
#Res BW 27 kHz   #VBW 82 kHz   #Sweep 100 ms

Occupied Bandwidth	Total Power	24.9 dBm
1.0907 MHz		
Transmit Freq Error	-1.009 kHz	OBW Power	99.00 %
x dB Bandwidth	1.223 MHz	x dB	-26.00 dB

Frequency

Center Freq
1.909300000 GHz

CF Step
280.000 kHz
Auto   Man

Freq Offset
0 Hz

MSG File <PICTURE.png> saved   STATUS

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

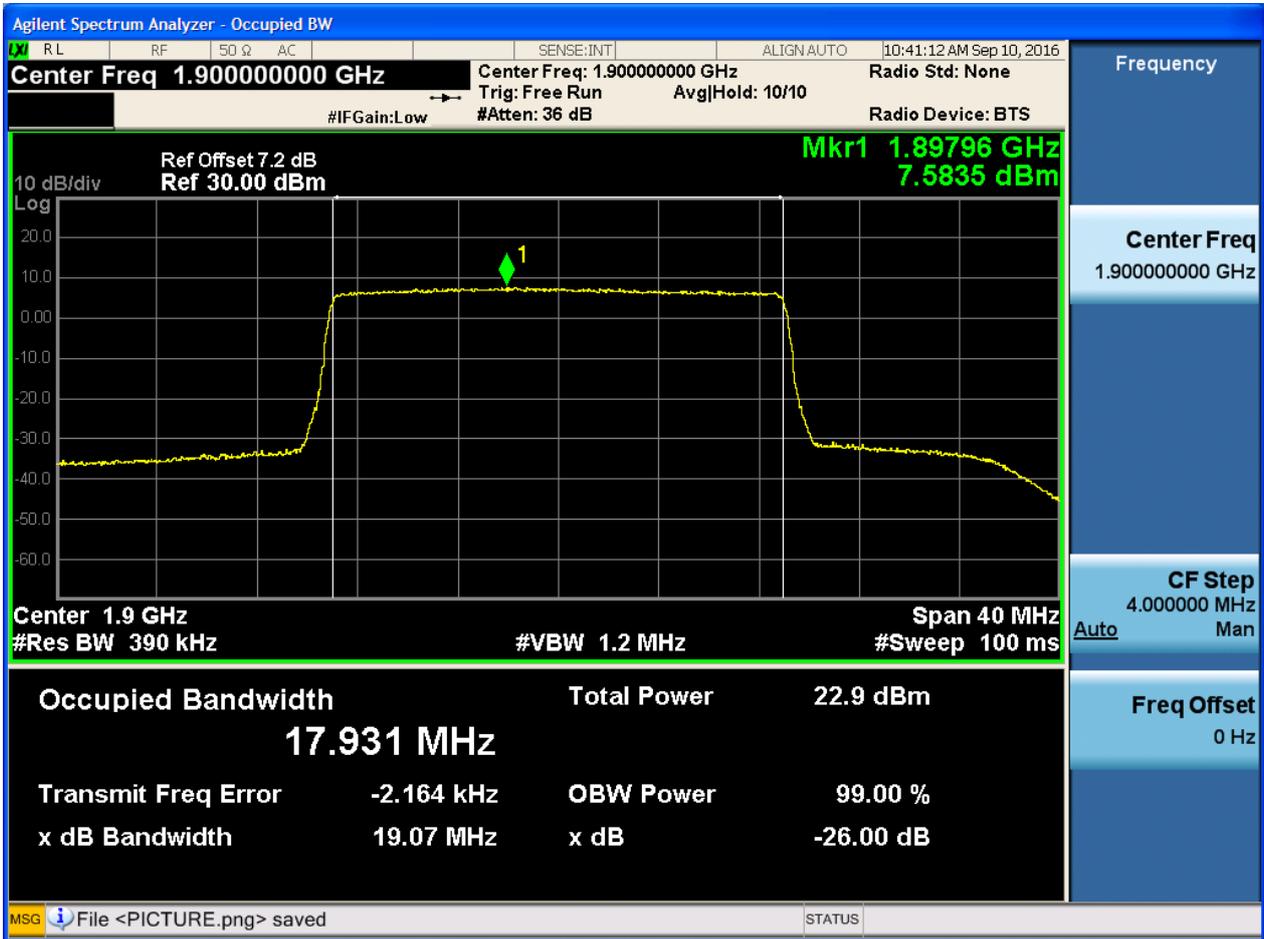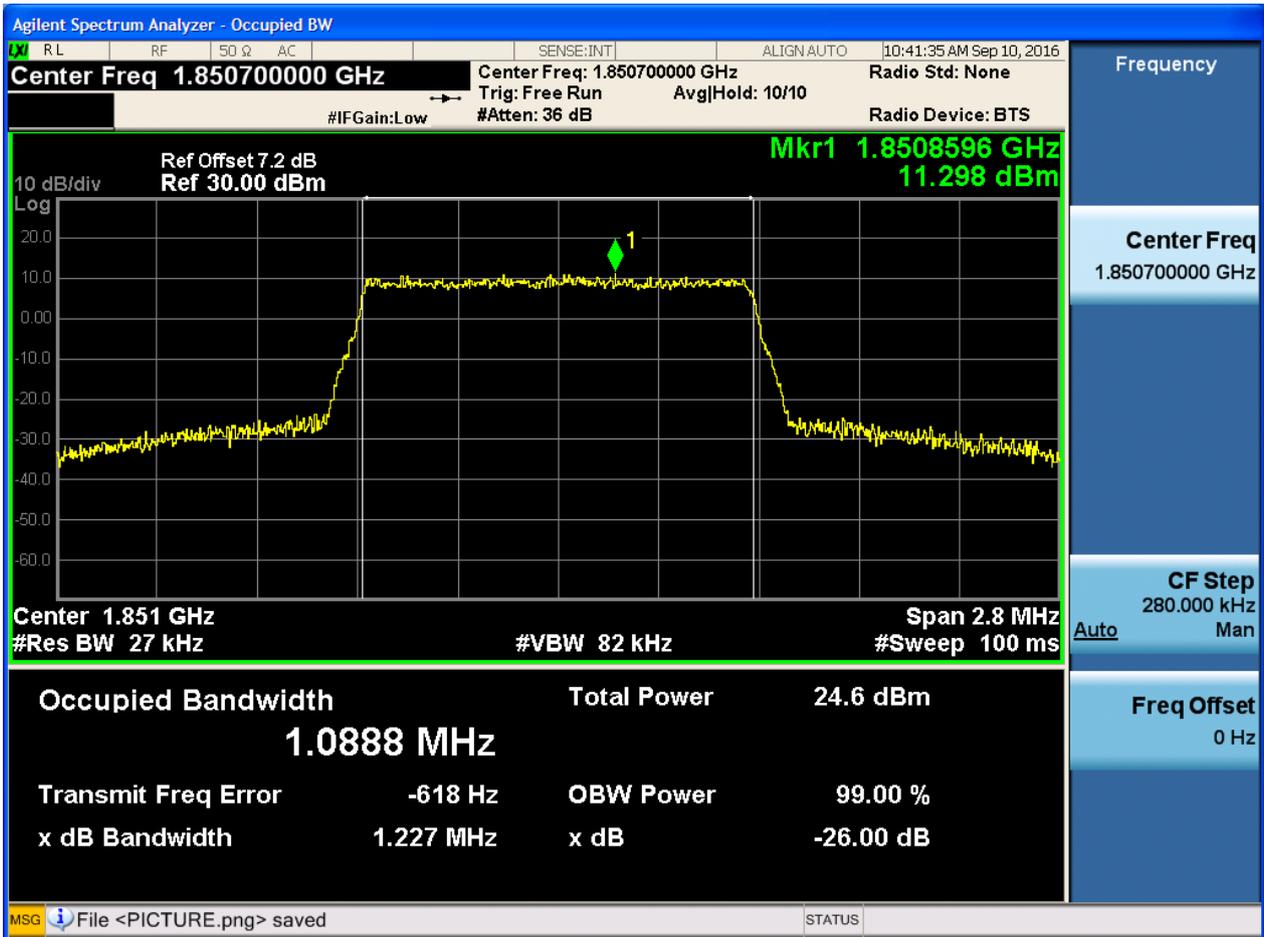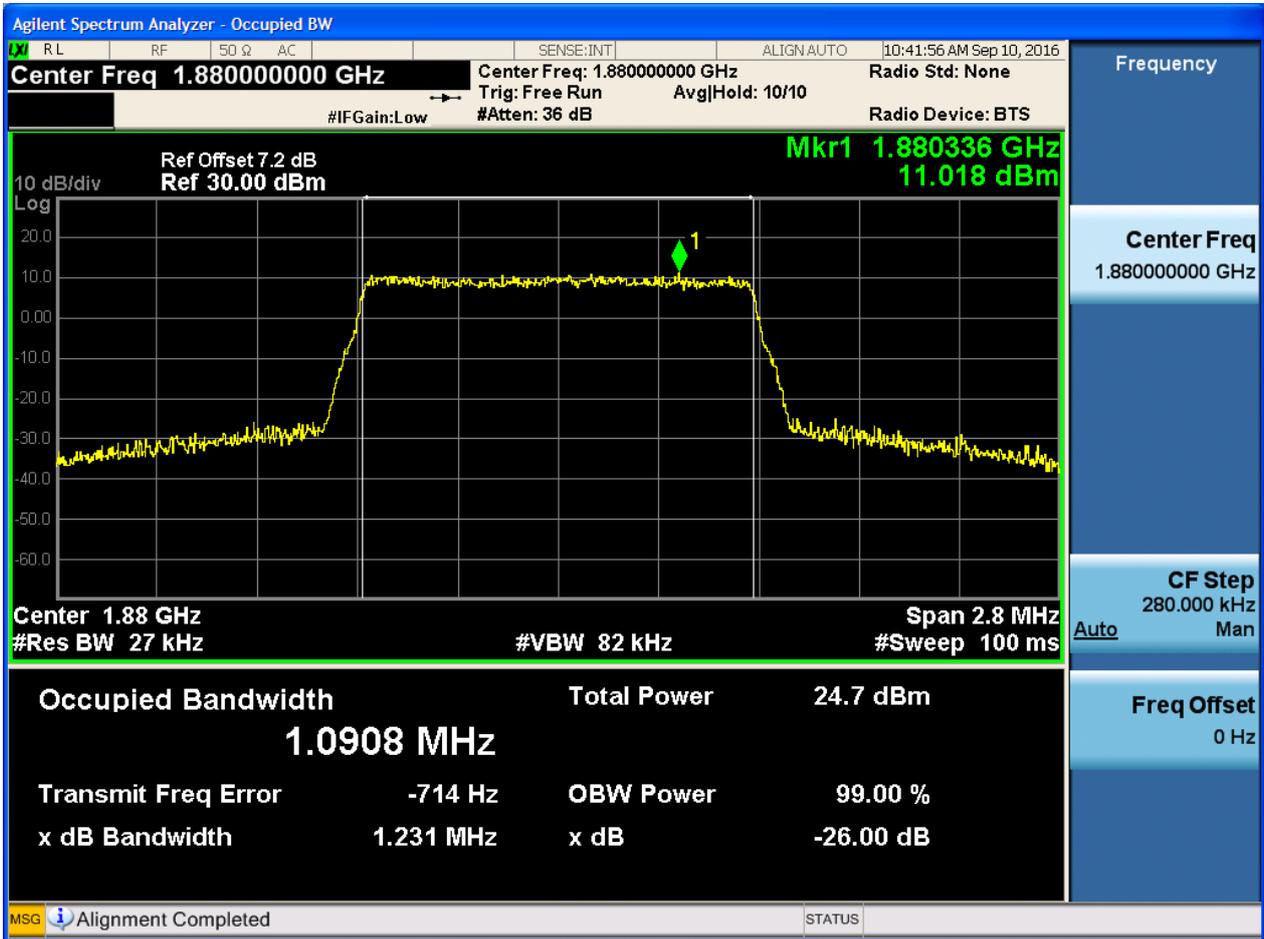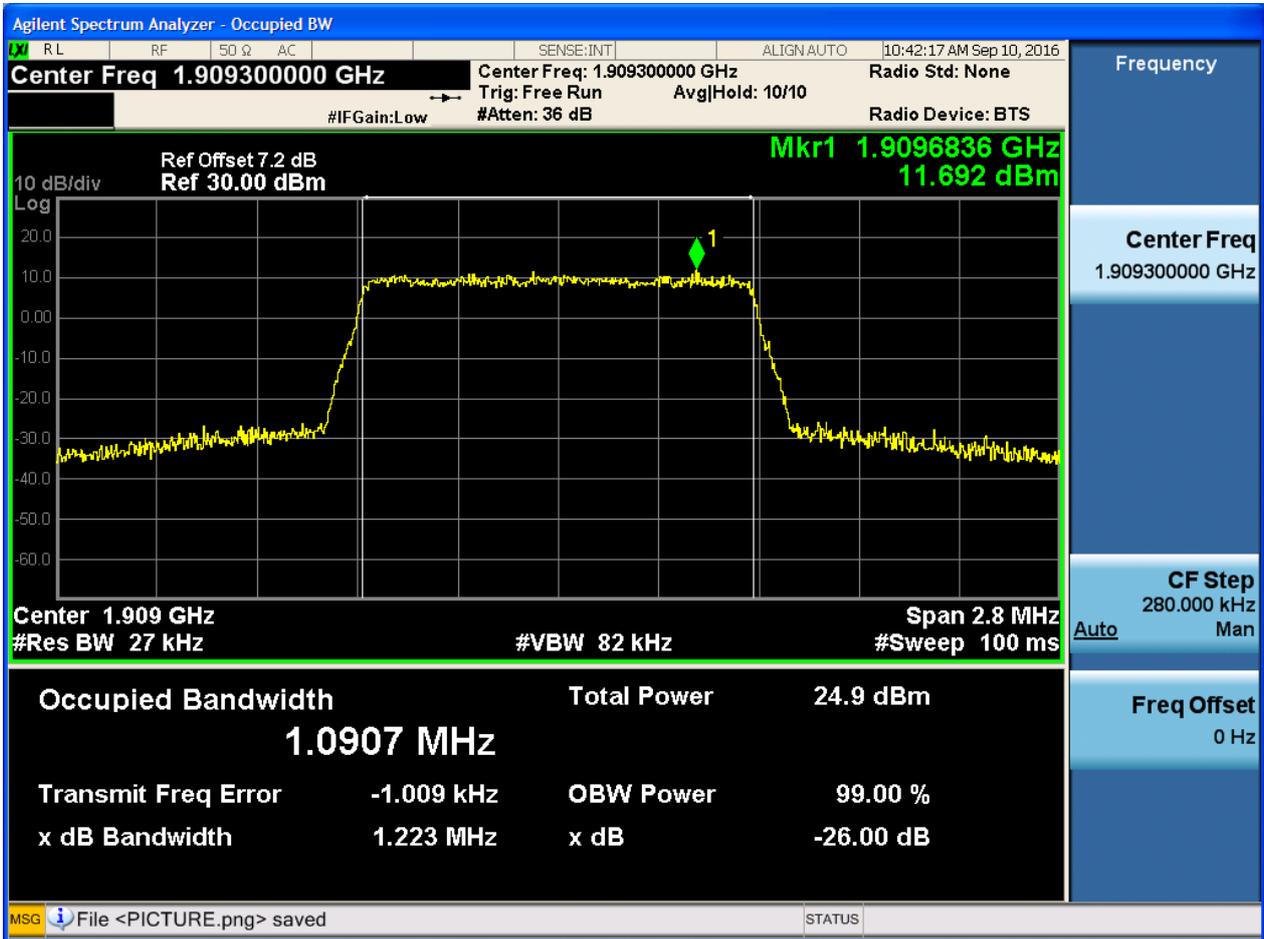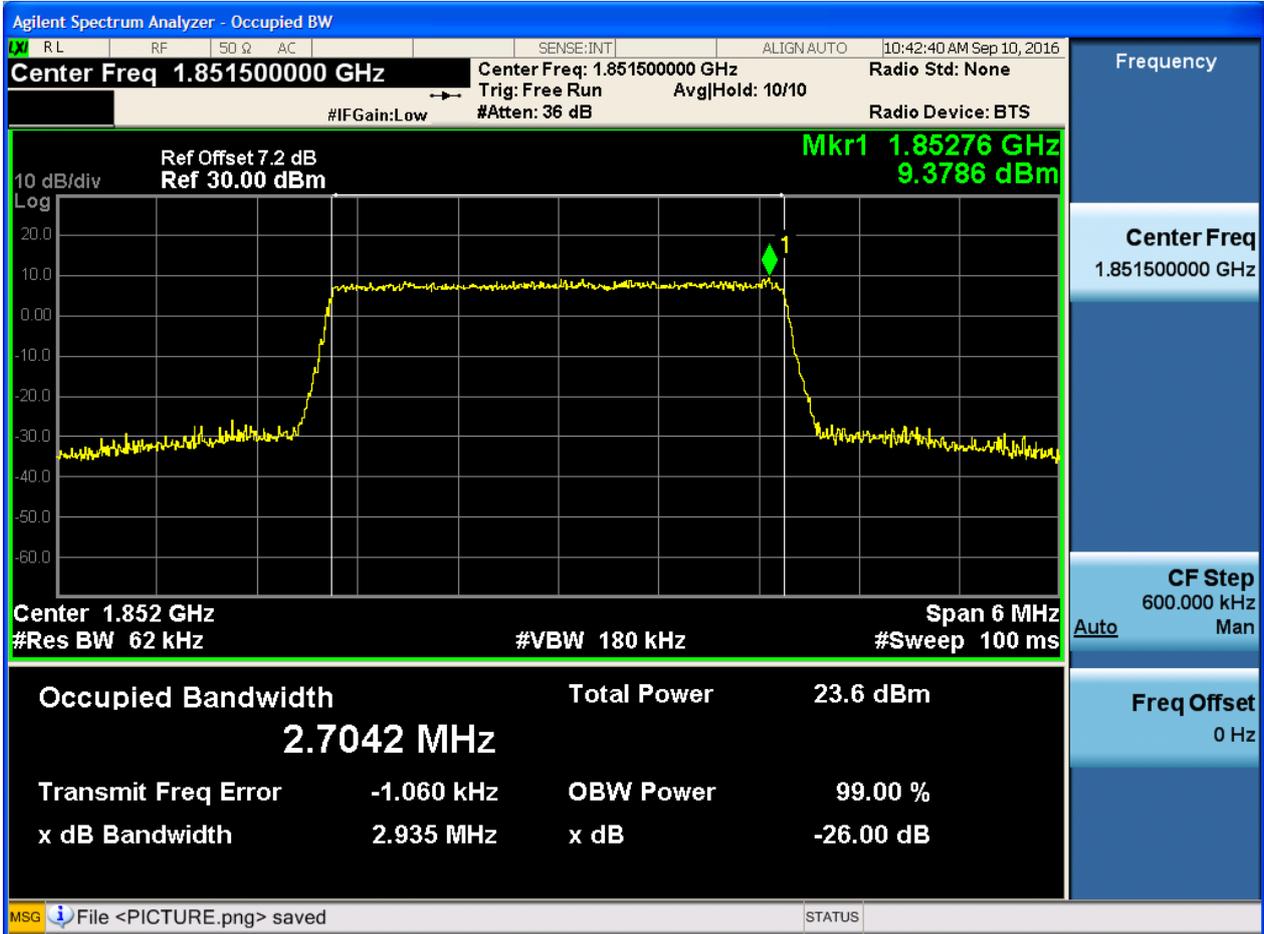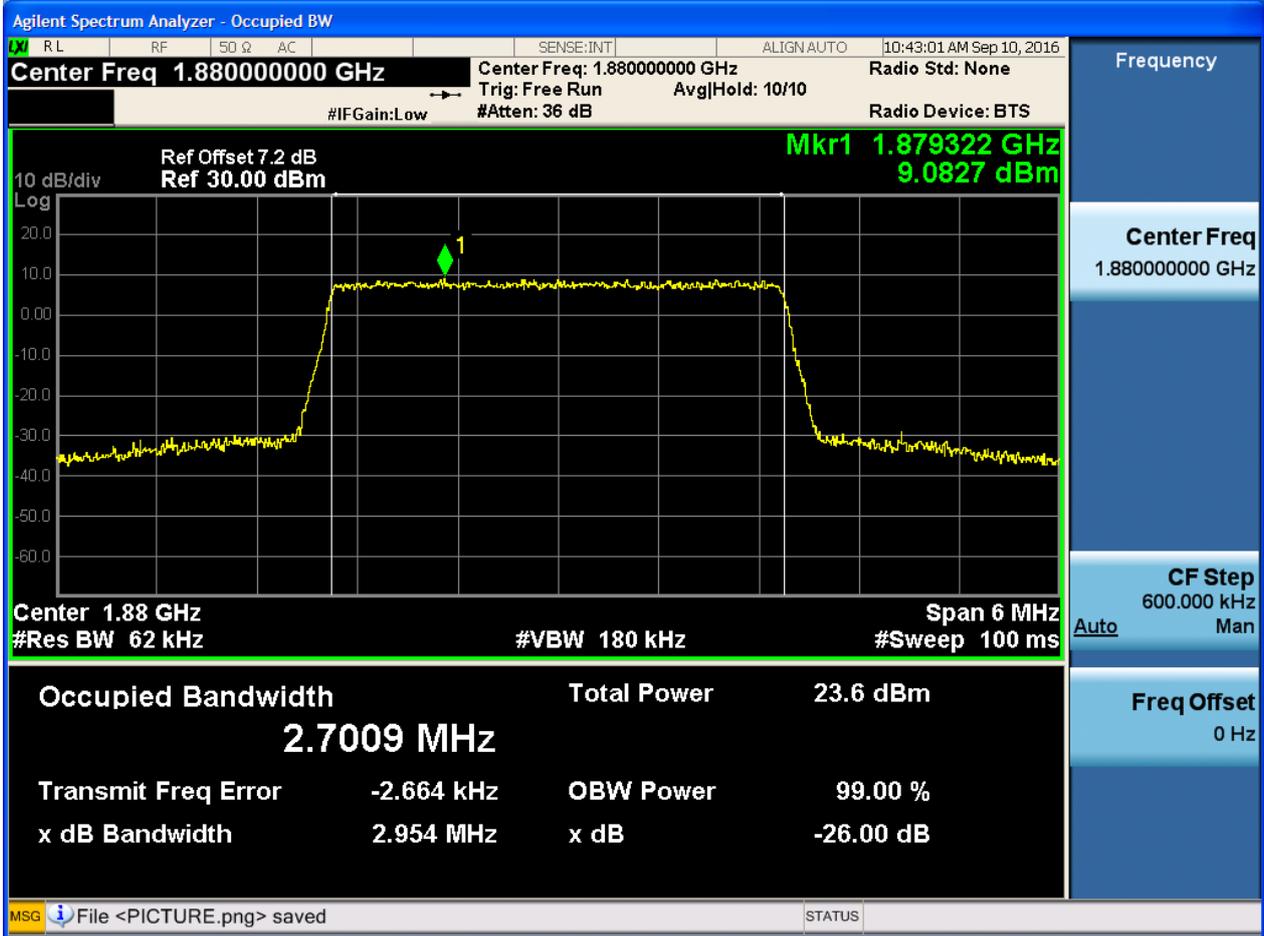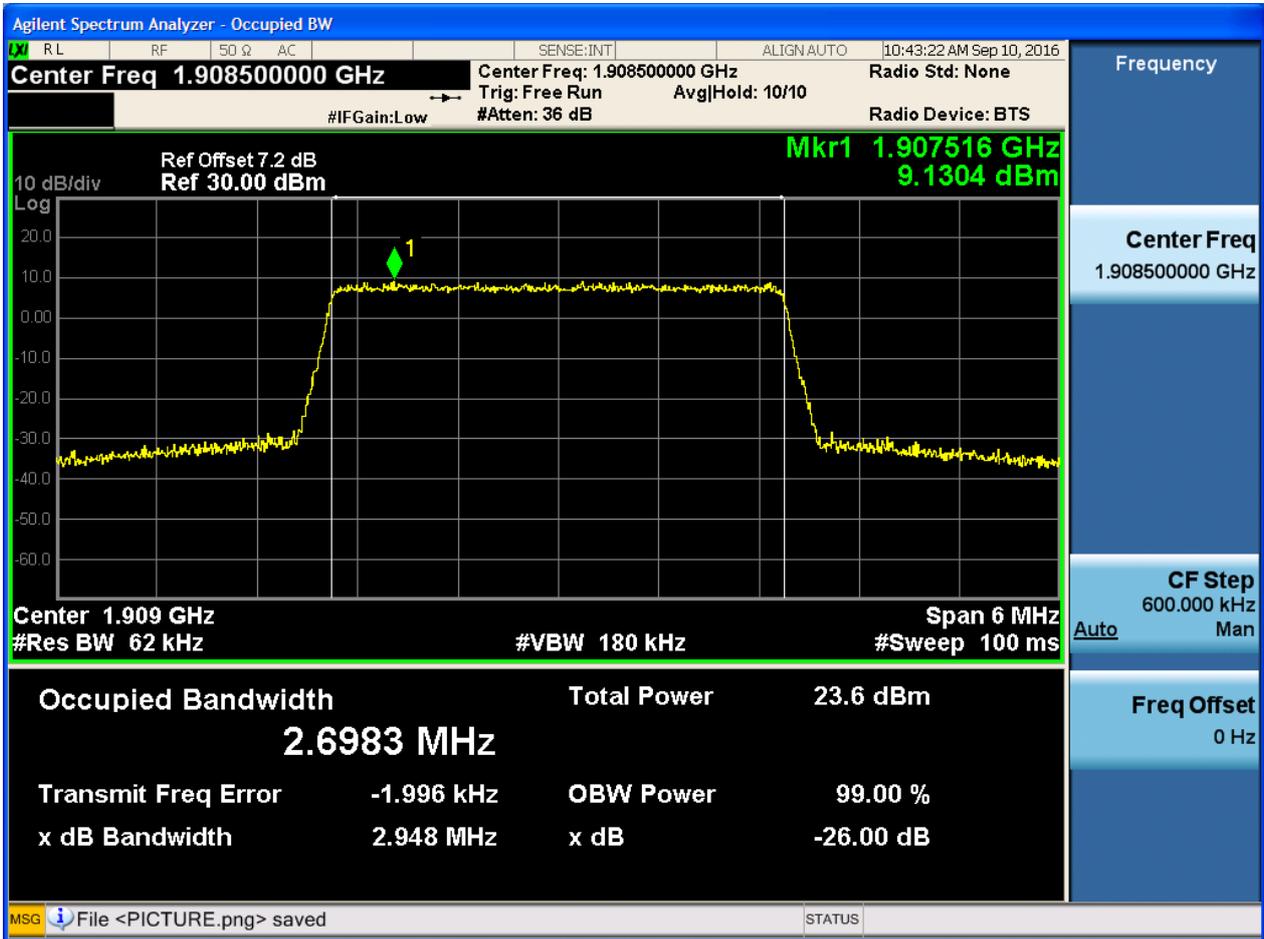## 4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0

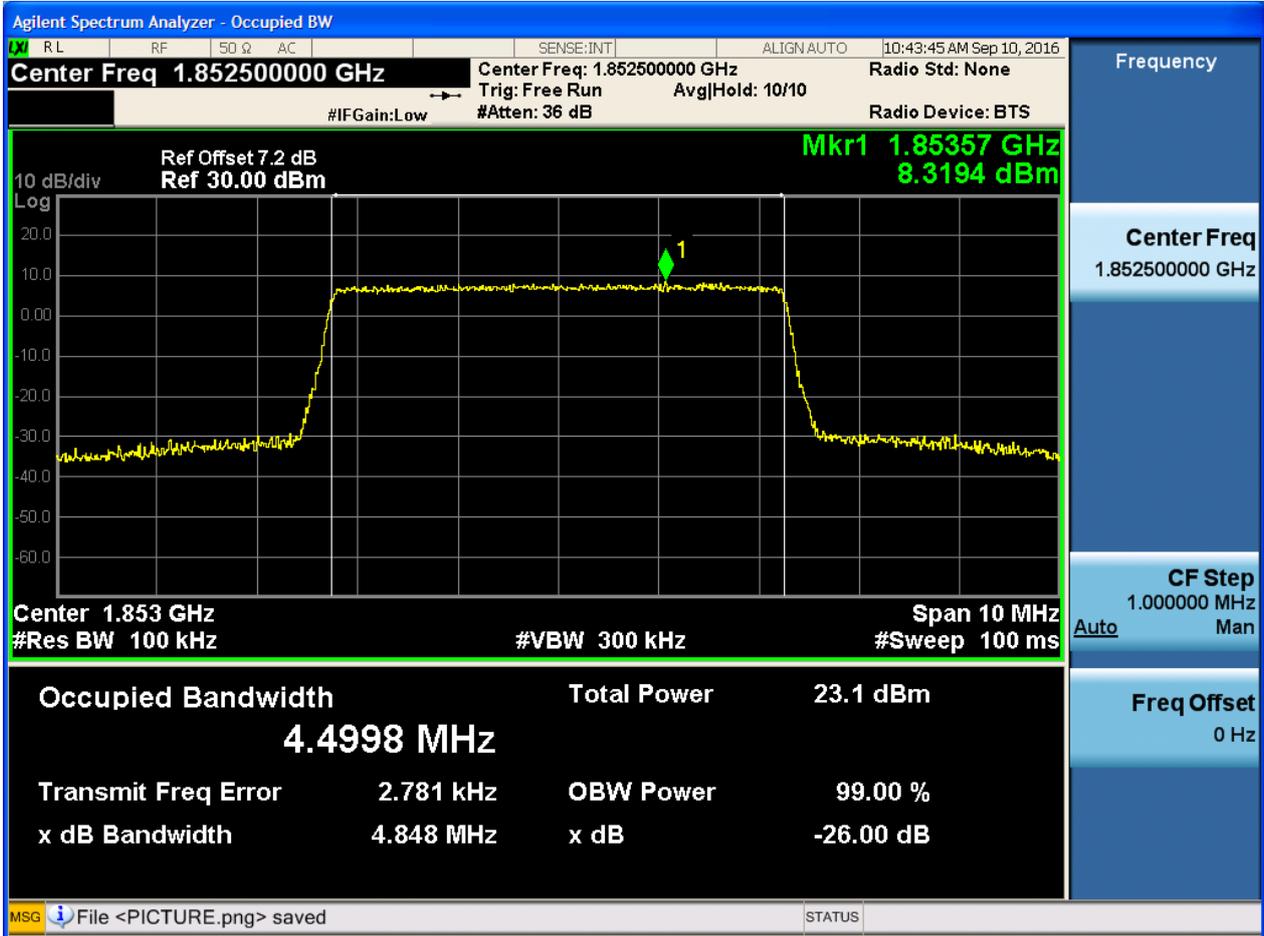### 4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

4.1.1.2.3 Test Bandwidth = 5

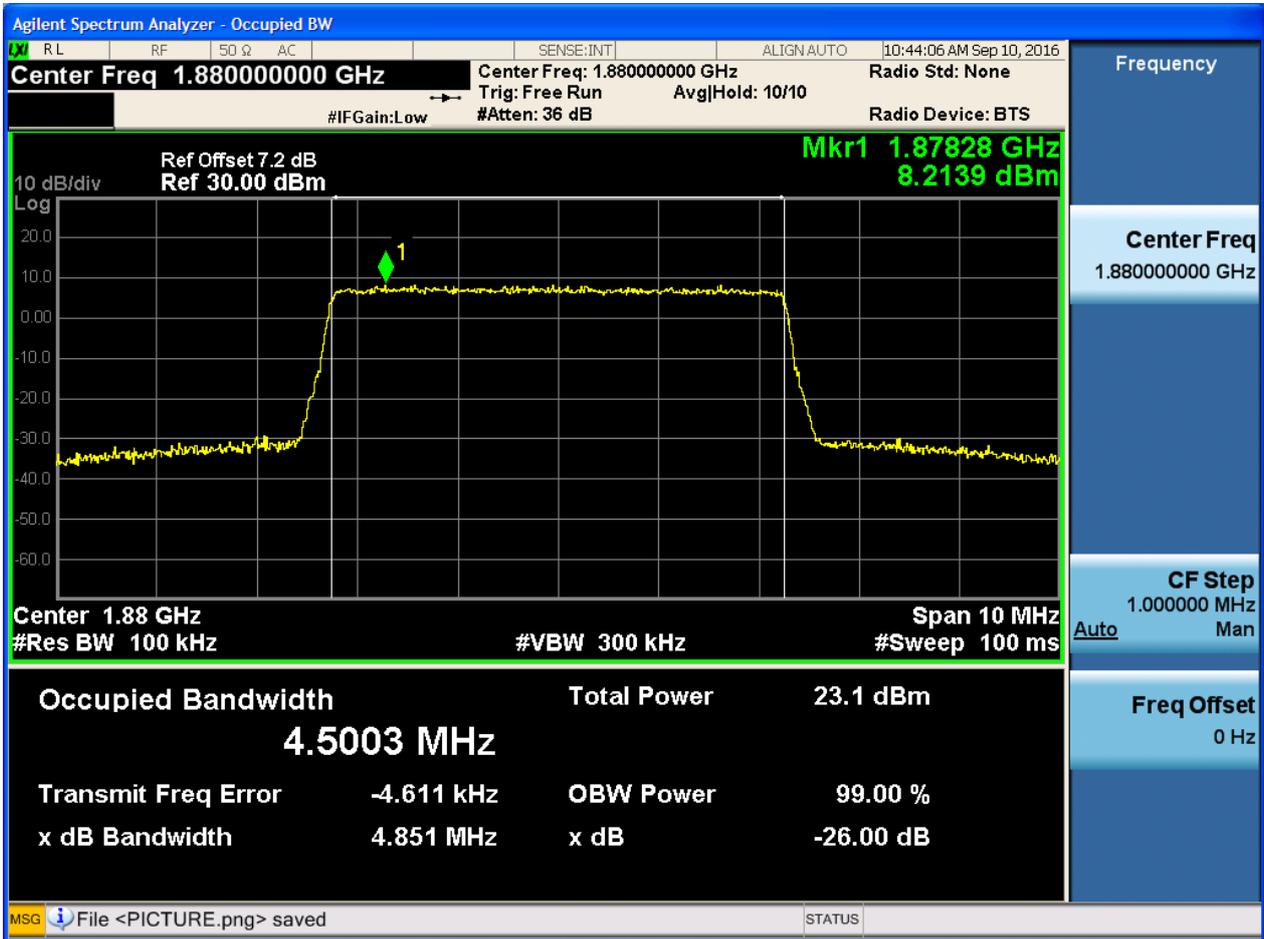### 4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0

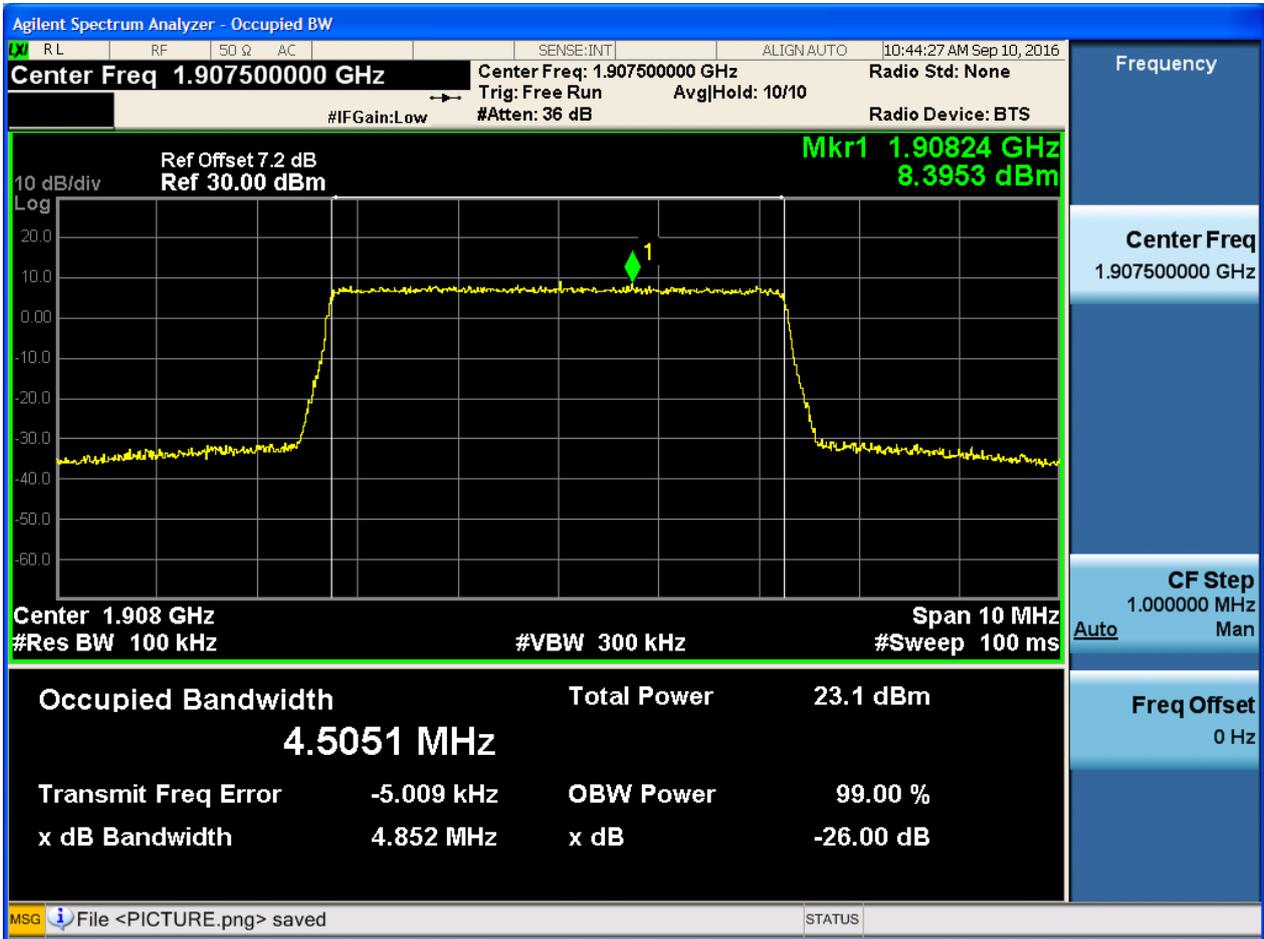### 4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0

4.1.1.2.3.3 Test Channel = HCH
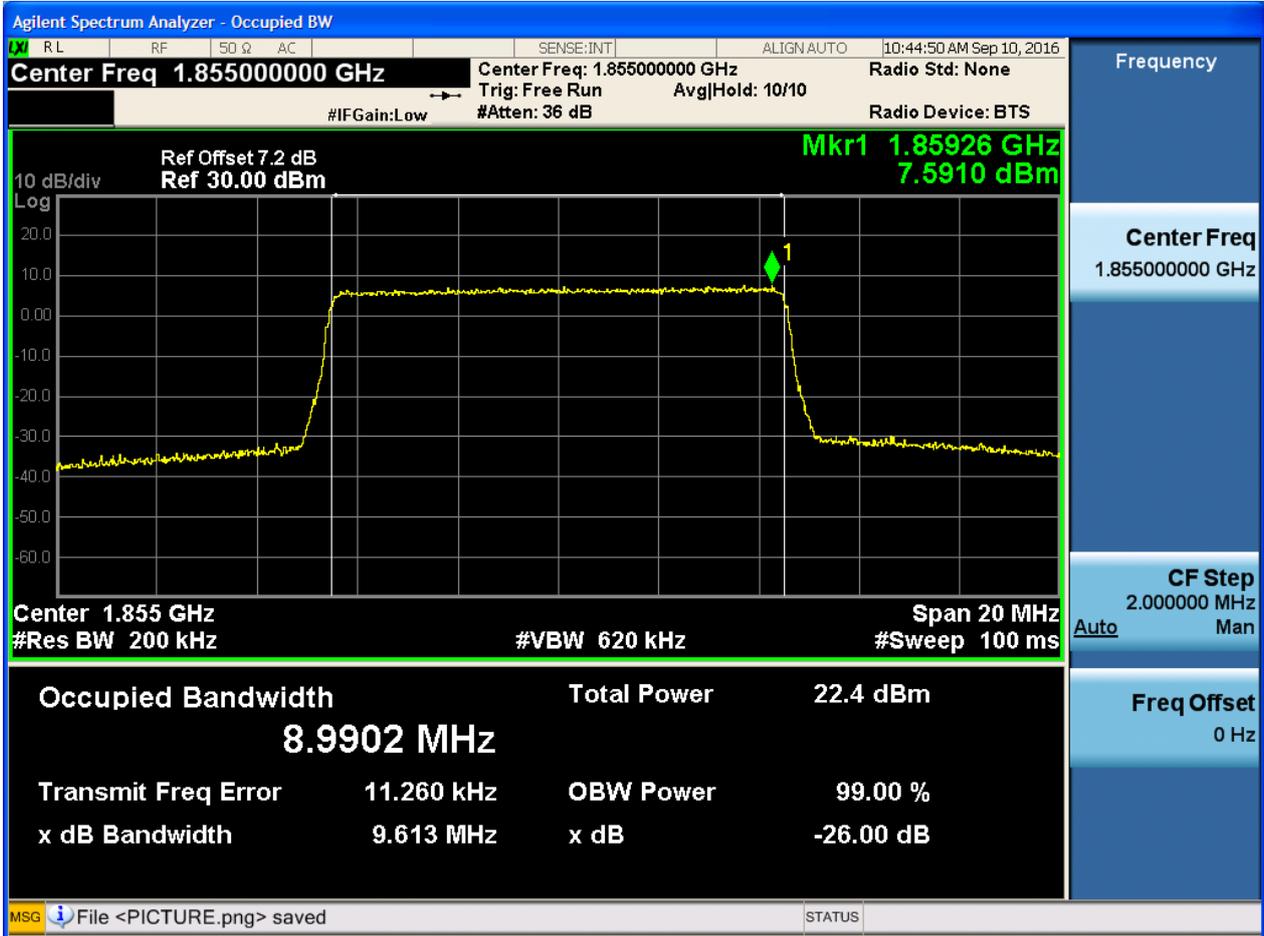
4.1.1.2.3.3.1 Test RB = RB25#0

4.1.1.2.4 Test Bandwidth = 10
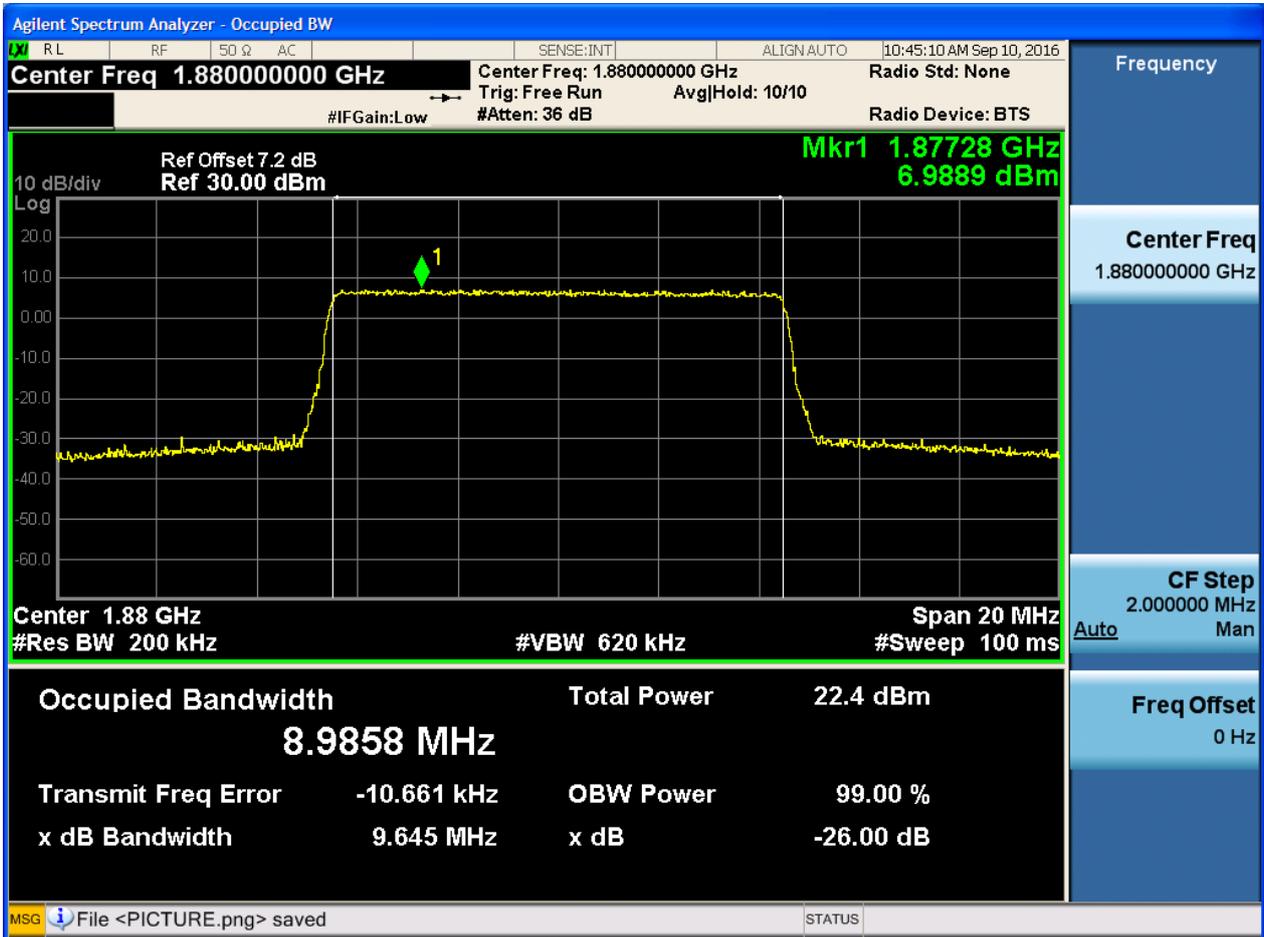
4.1.1.2.4.1 Test Channel = LCH

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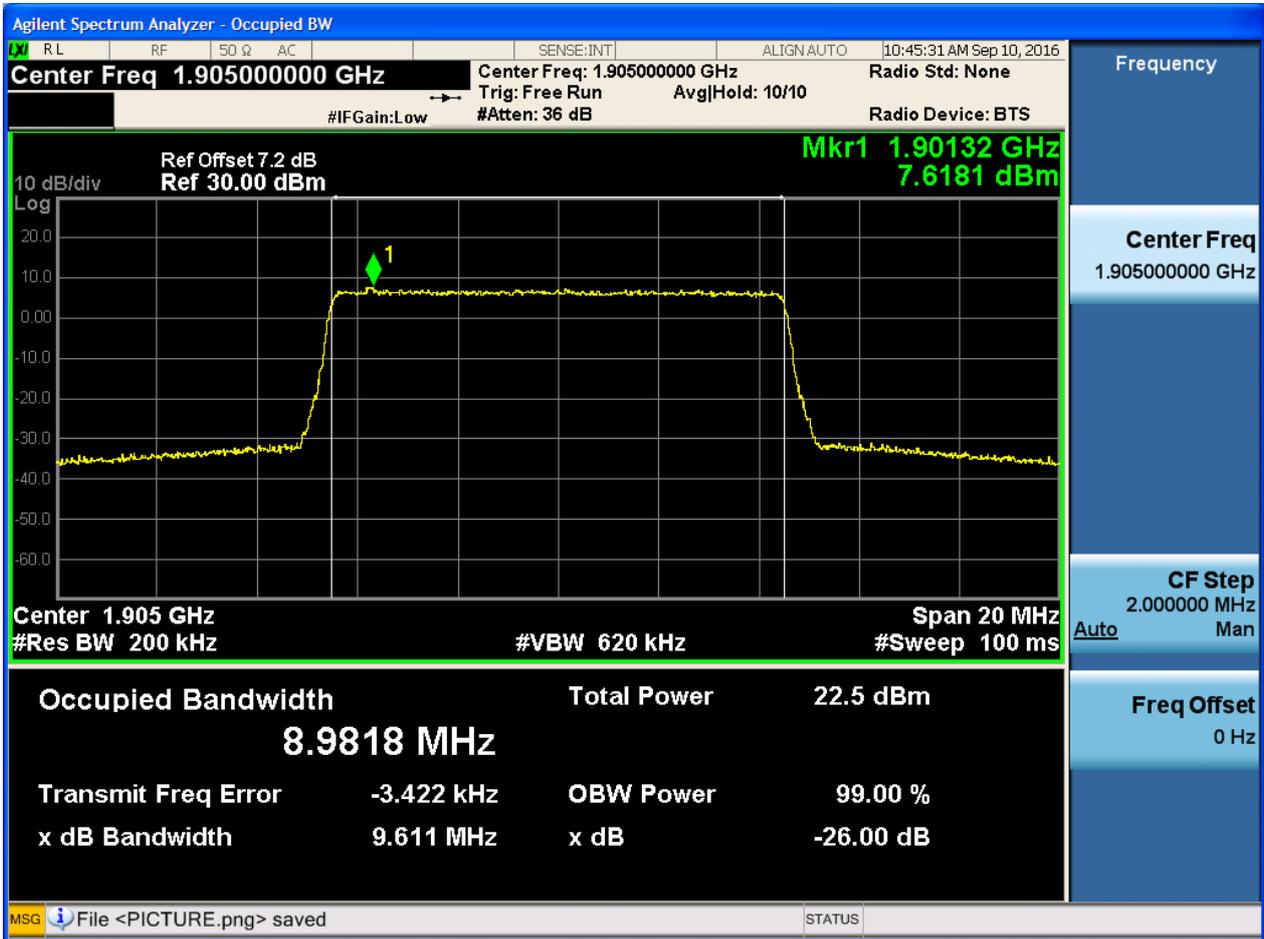
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0

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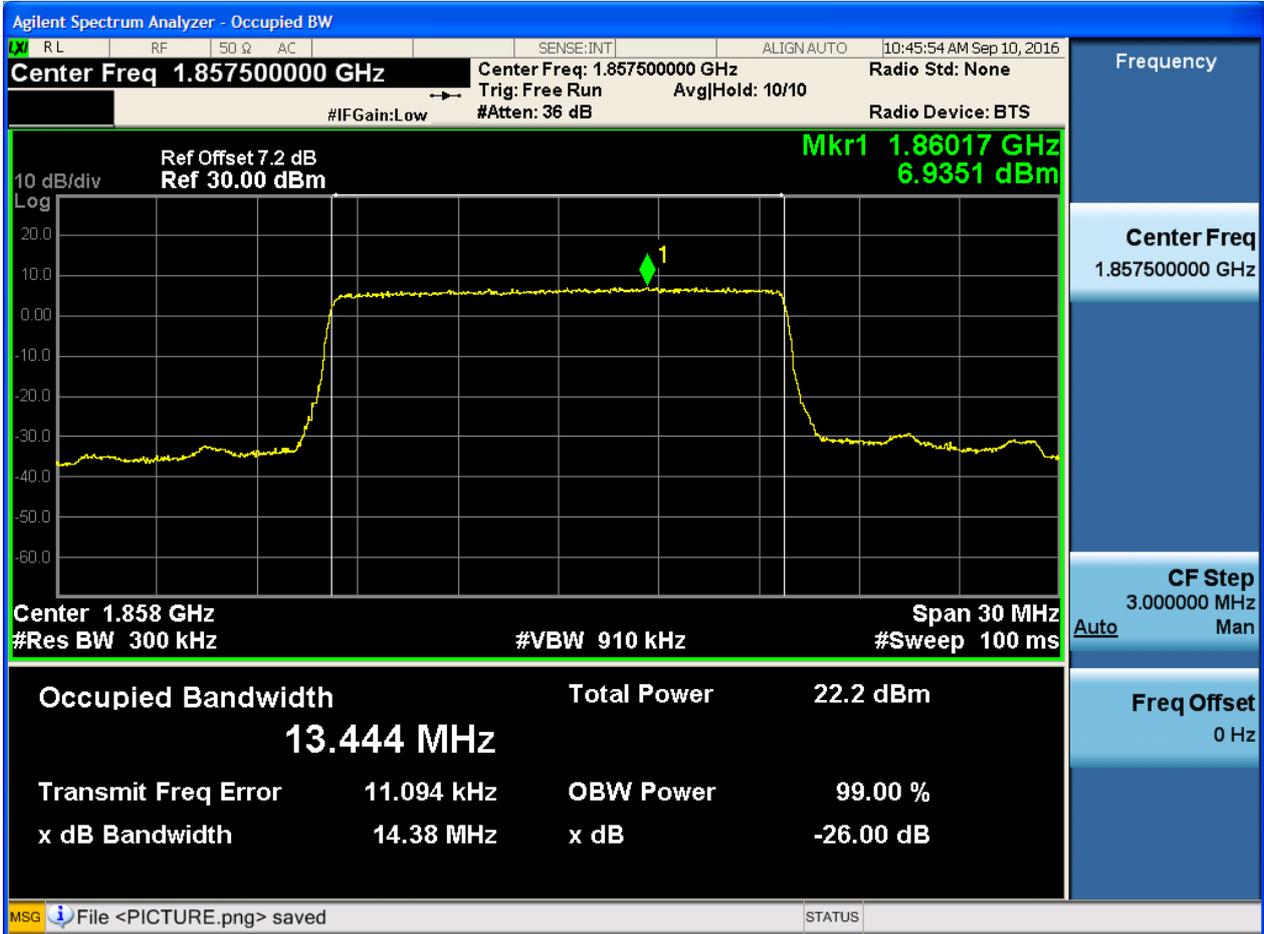
4.1.1.2.4.3.1 Test RB = RB50#0

4.1.1.2.5 Test Bandwidth = 15

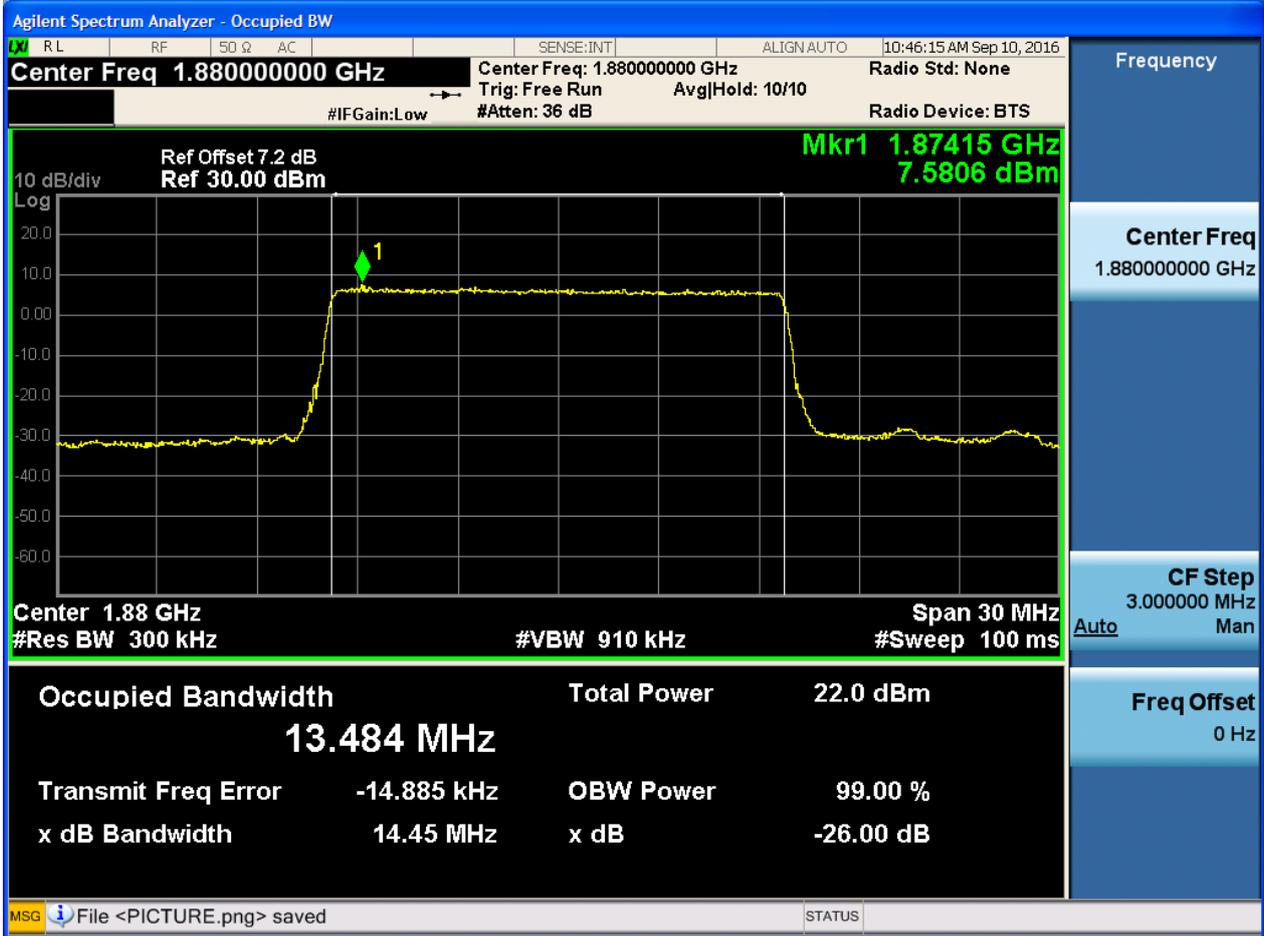## 4.1.1.2.5.1 Test Channel = LCH

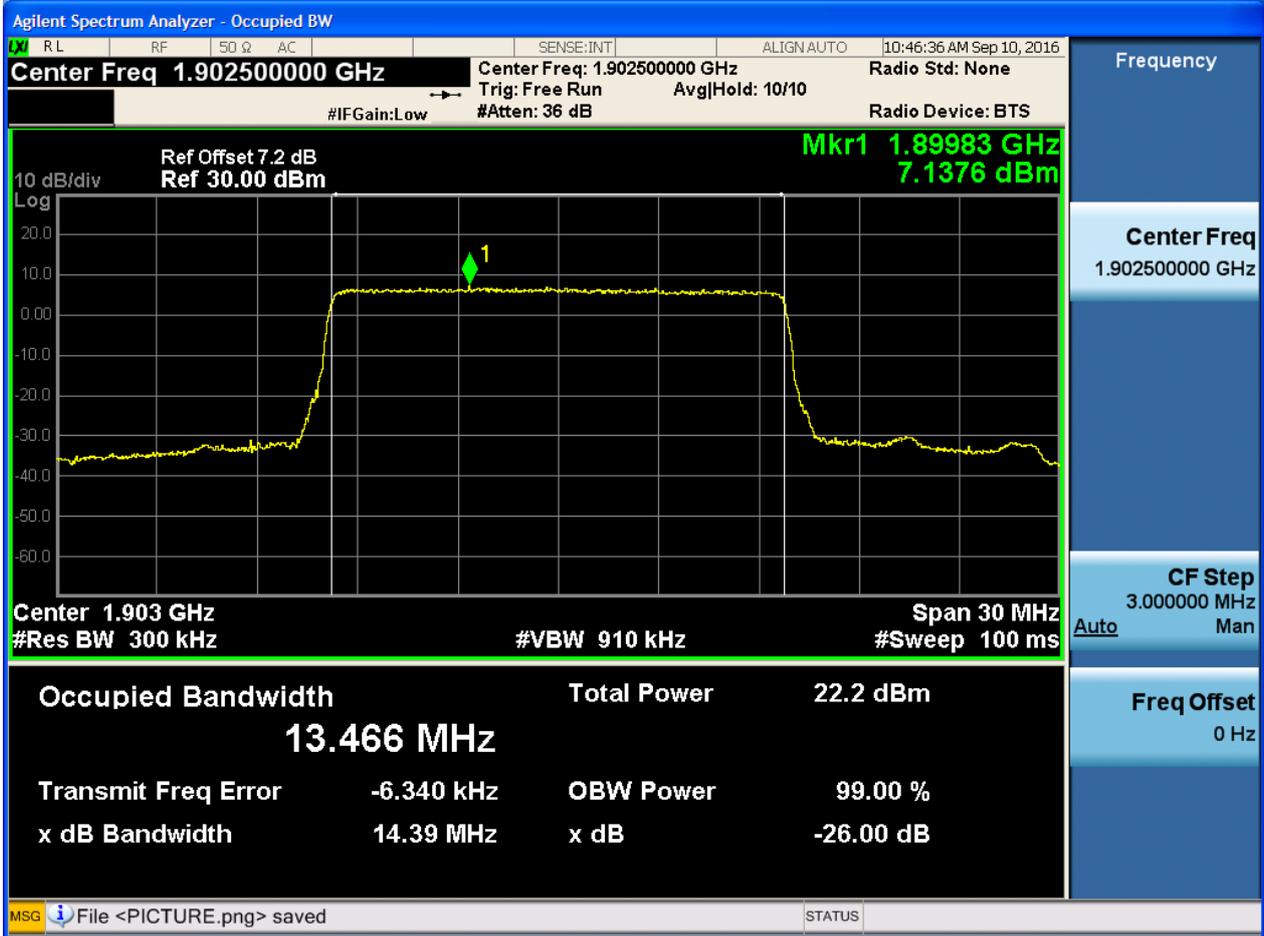## 4.1.1.2.5.1.1 Test RB = RB75#0

4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0

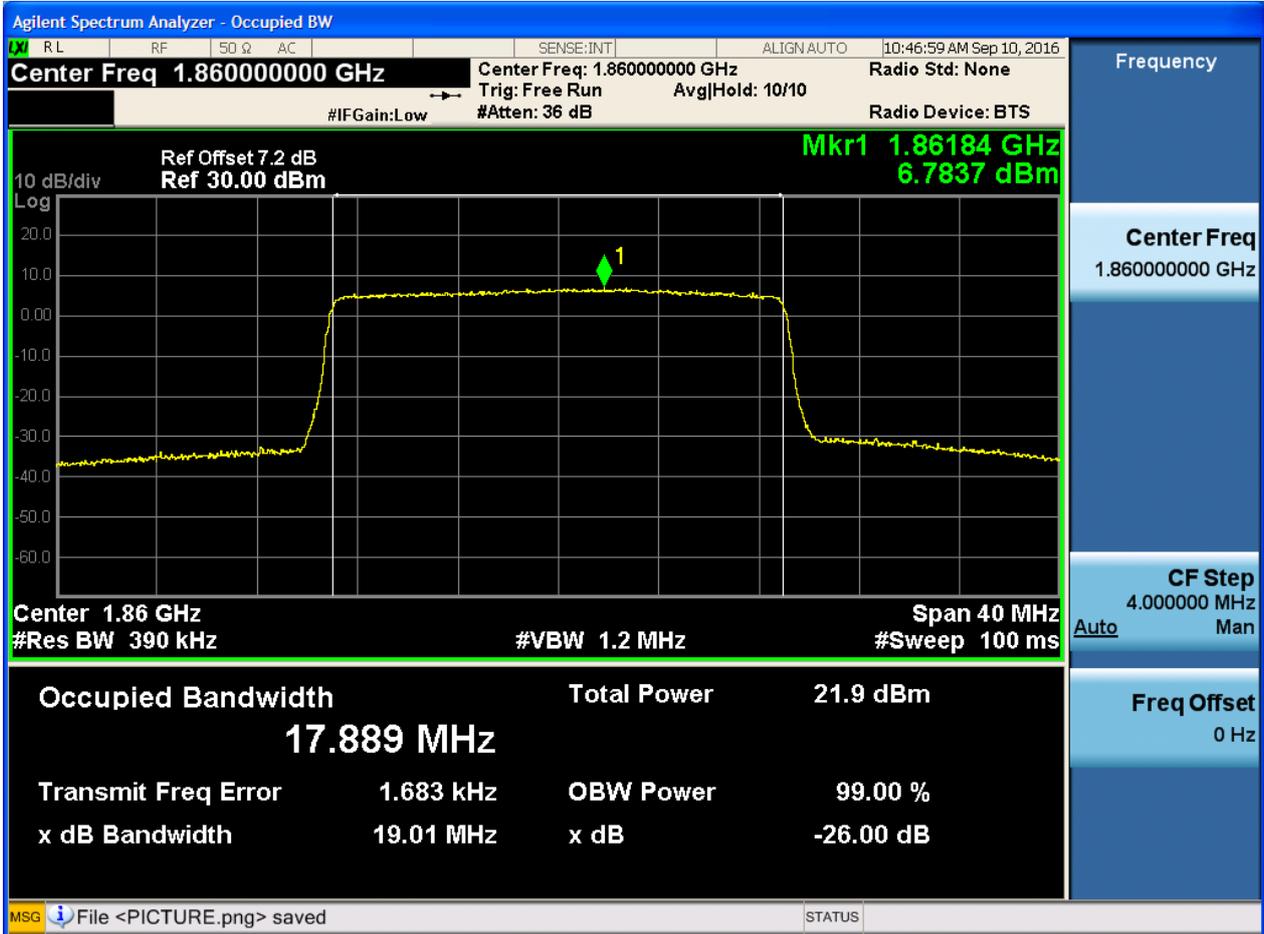### 4.1.1.2.5.3 Test Channel = HCH

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

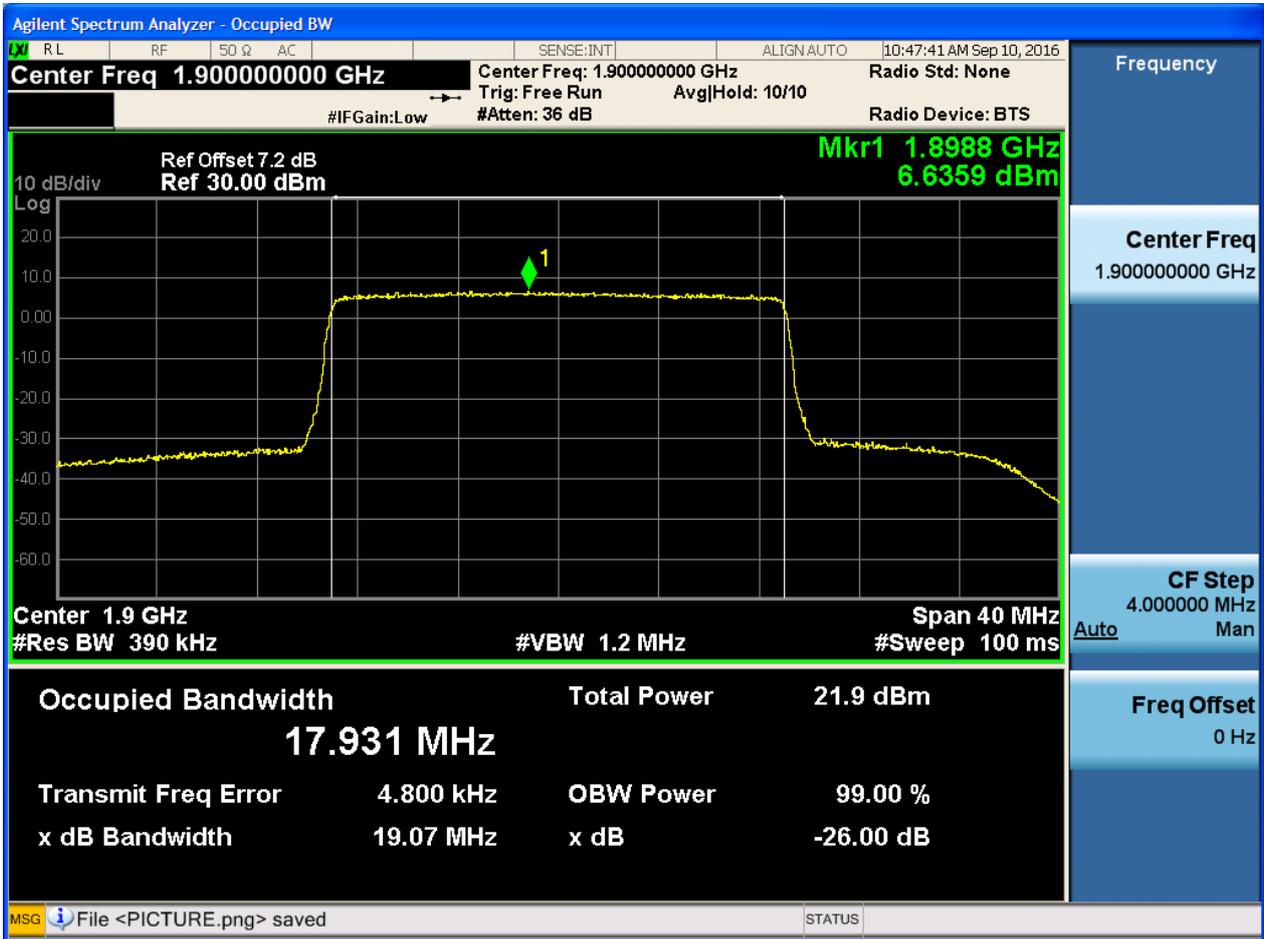## 4.1.1.2.6.2 Test Channel = MCH

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
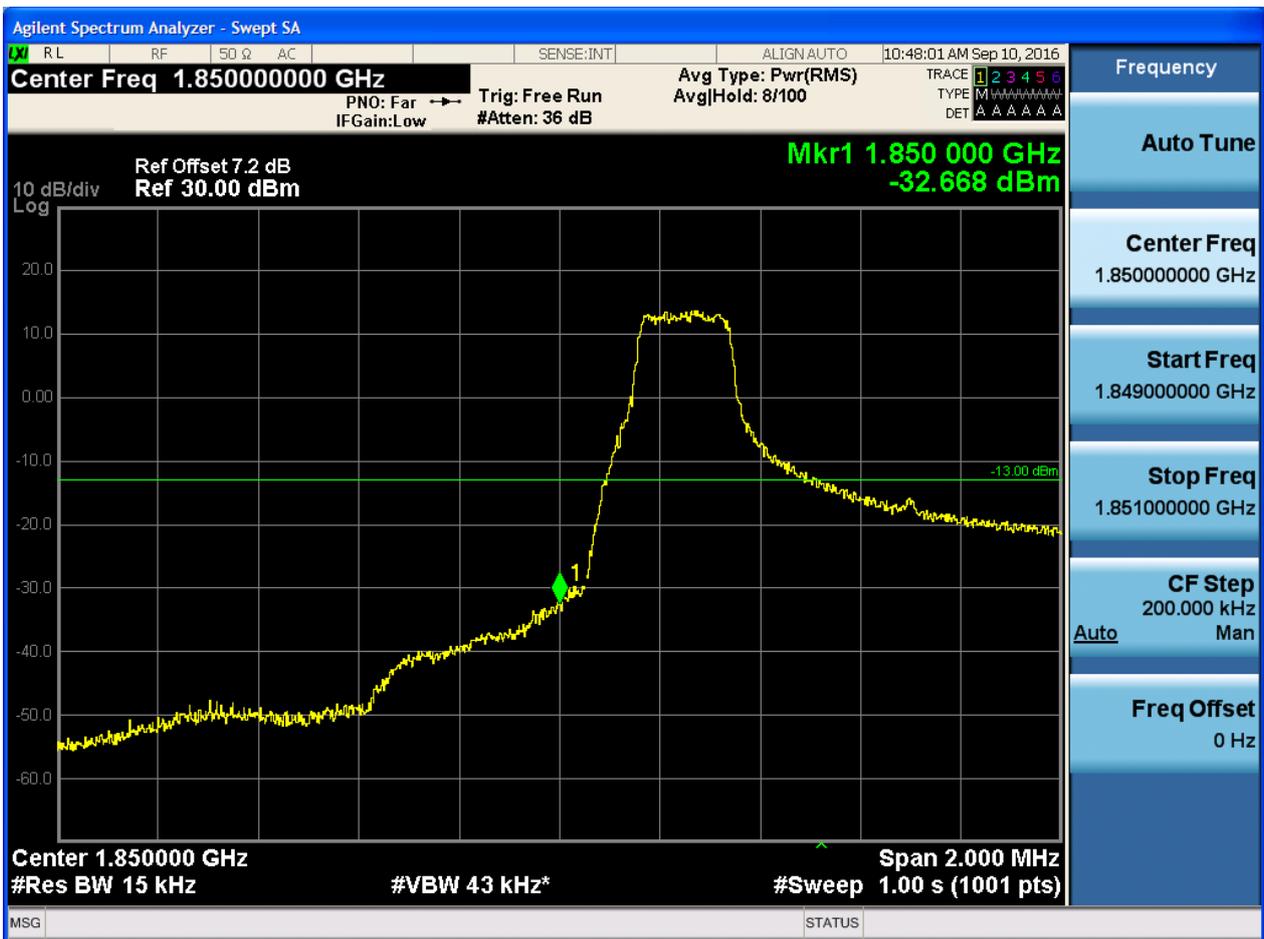
Part I - Test Plots

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
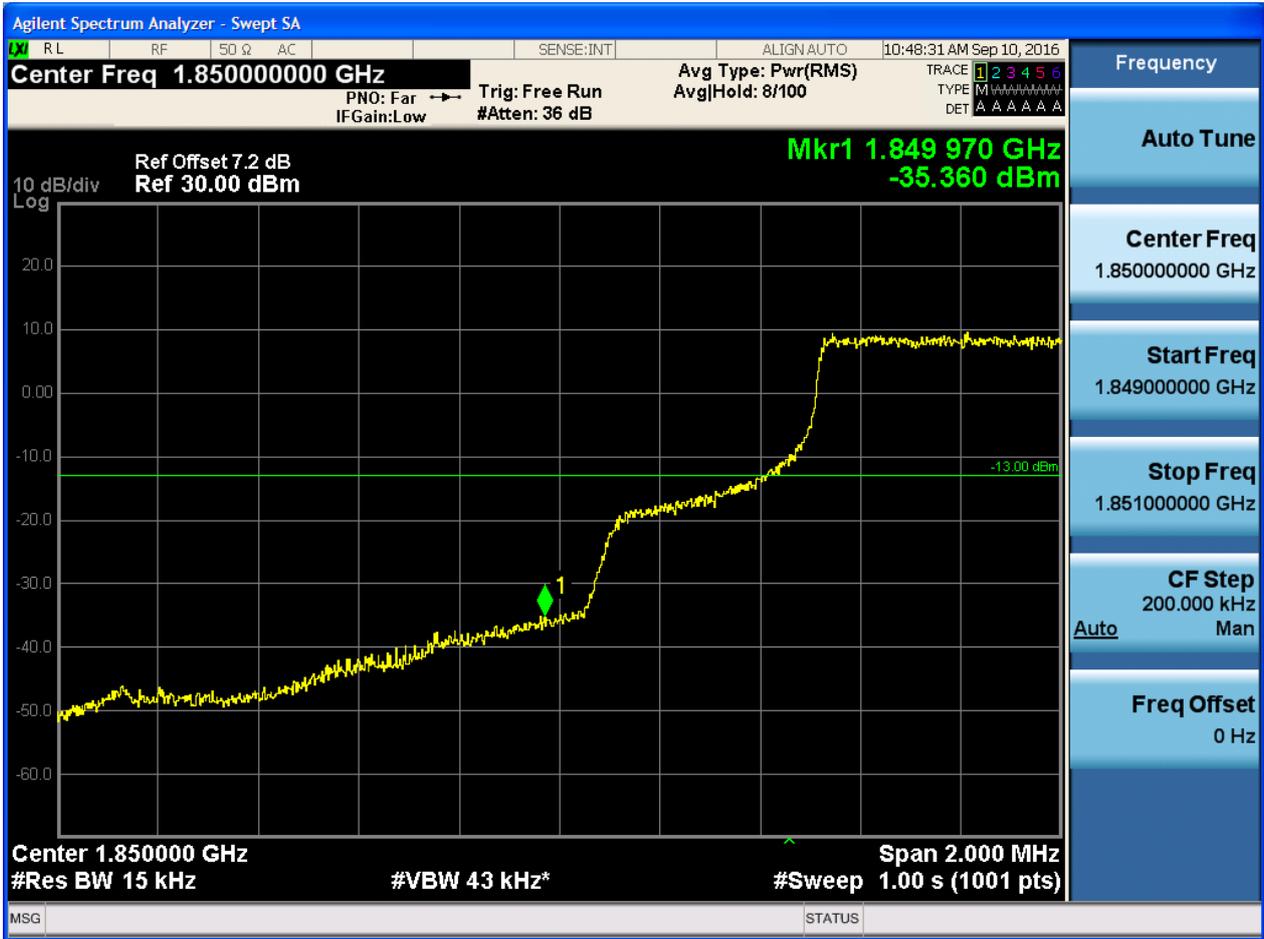
5.1.1.1.1.1.1 Test RB = RB1#0
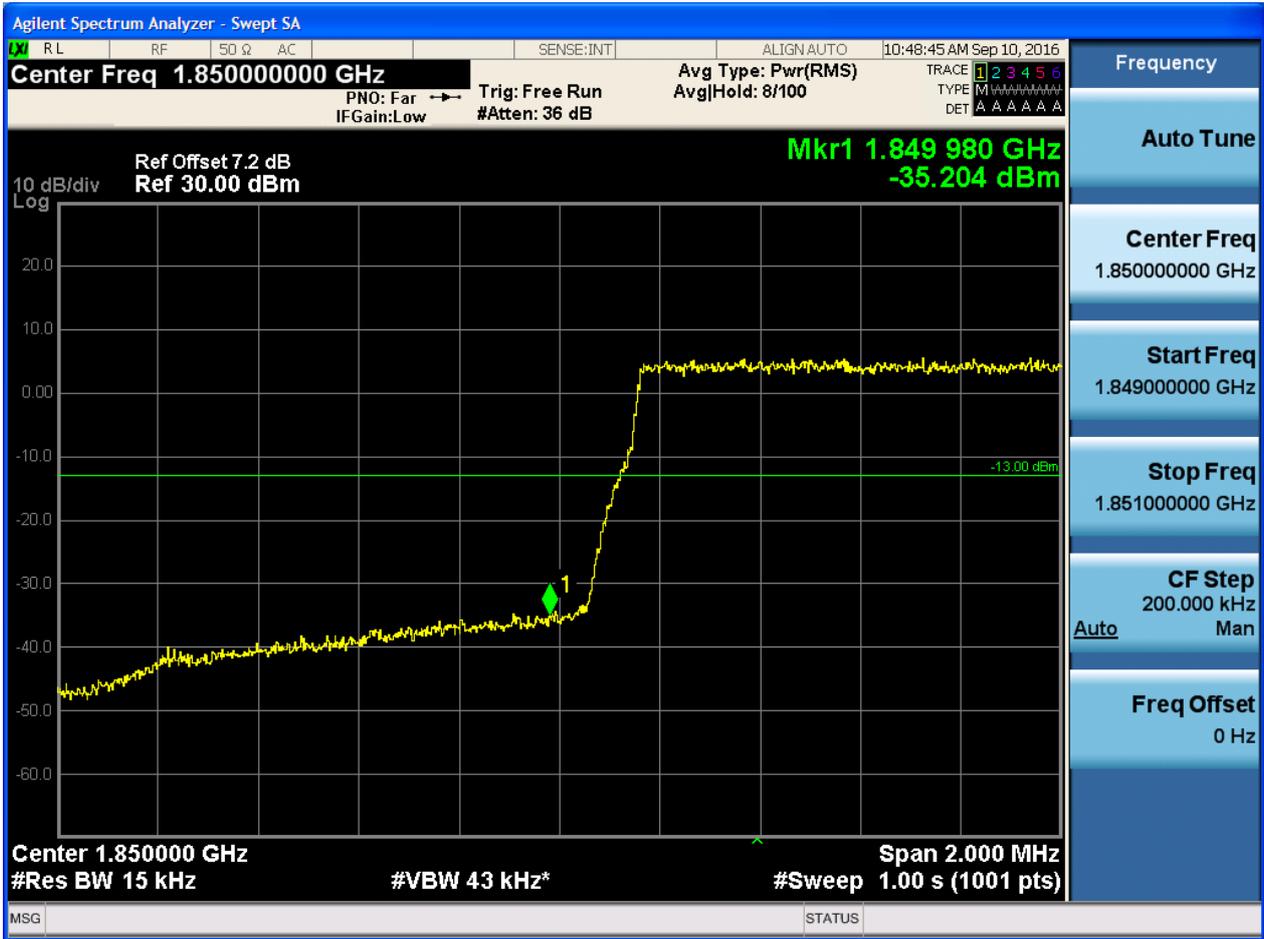
5.1.1.1.1.1.2 Test RB = RB1#5

5.1.1.1.1.3 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

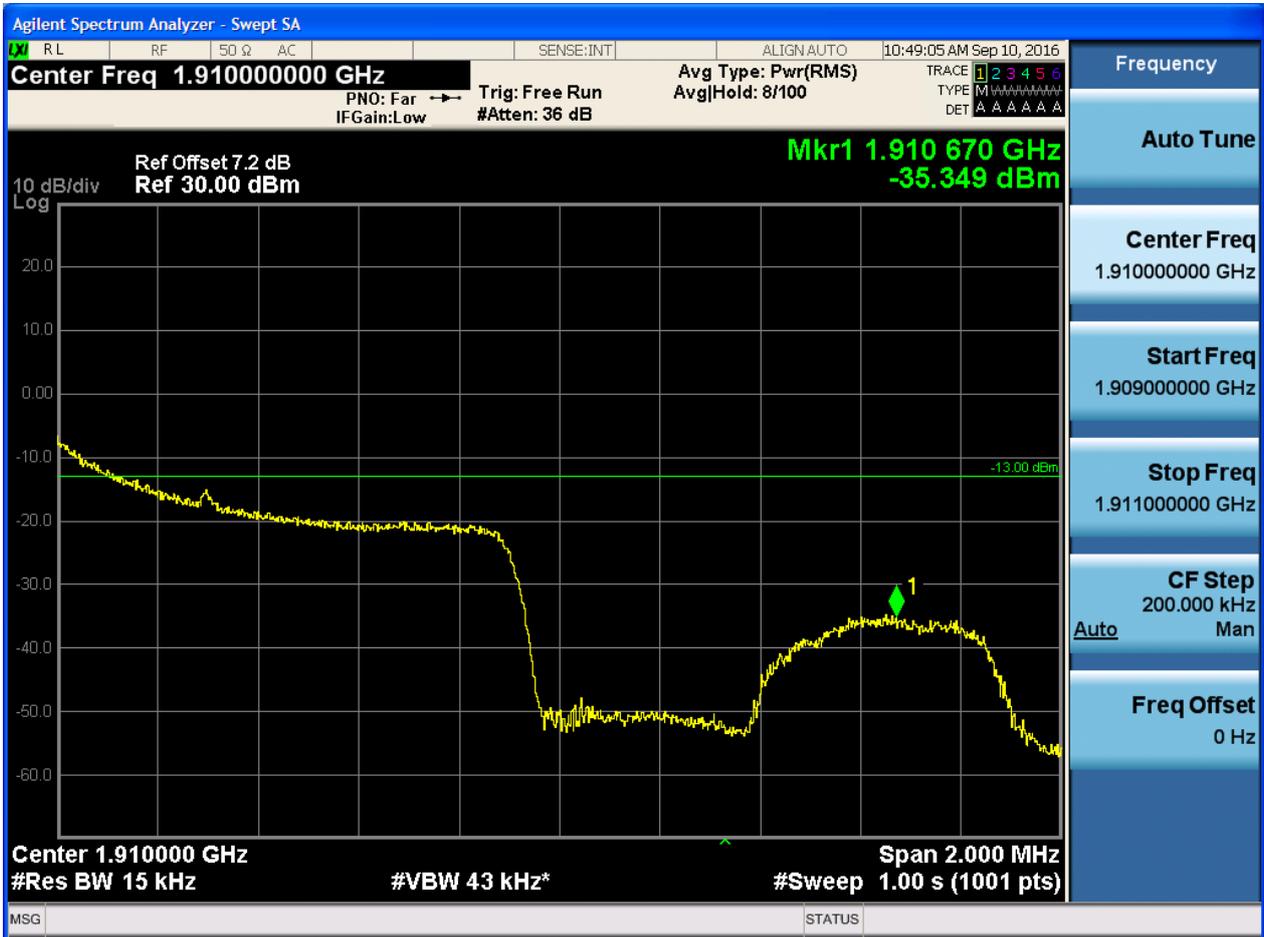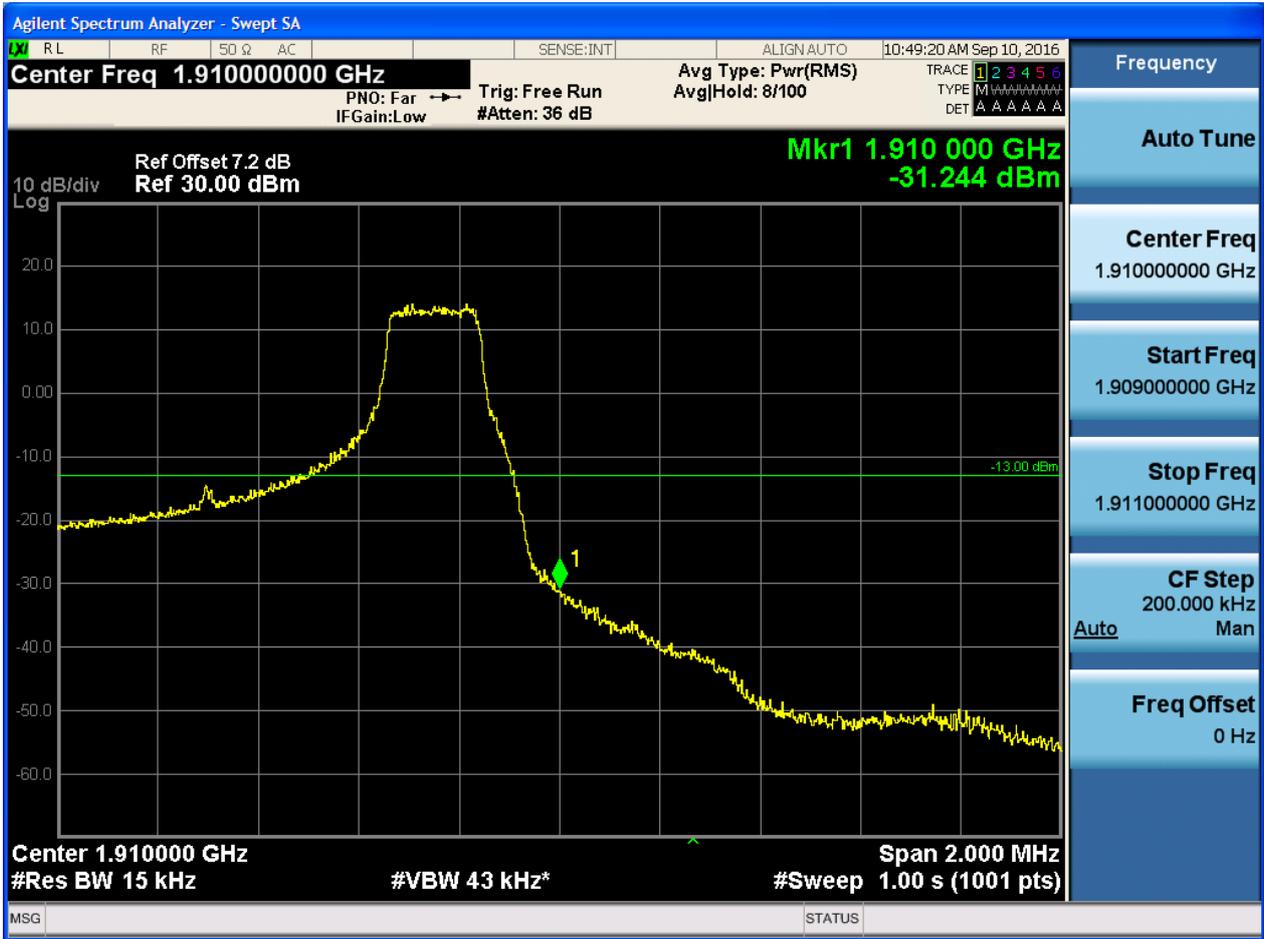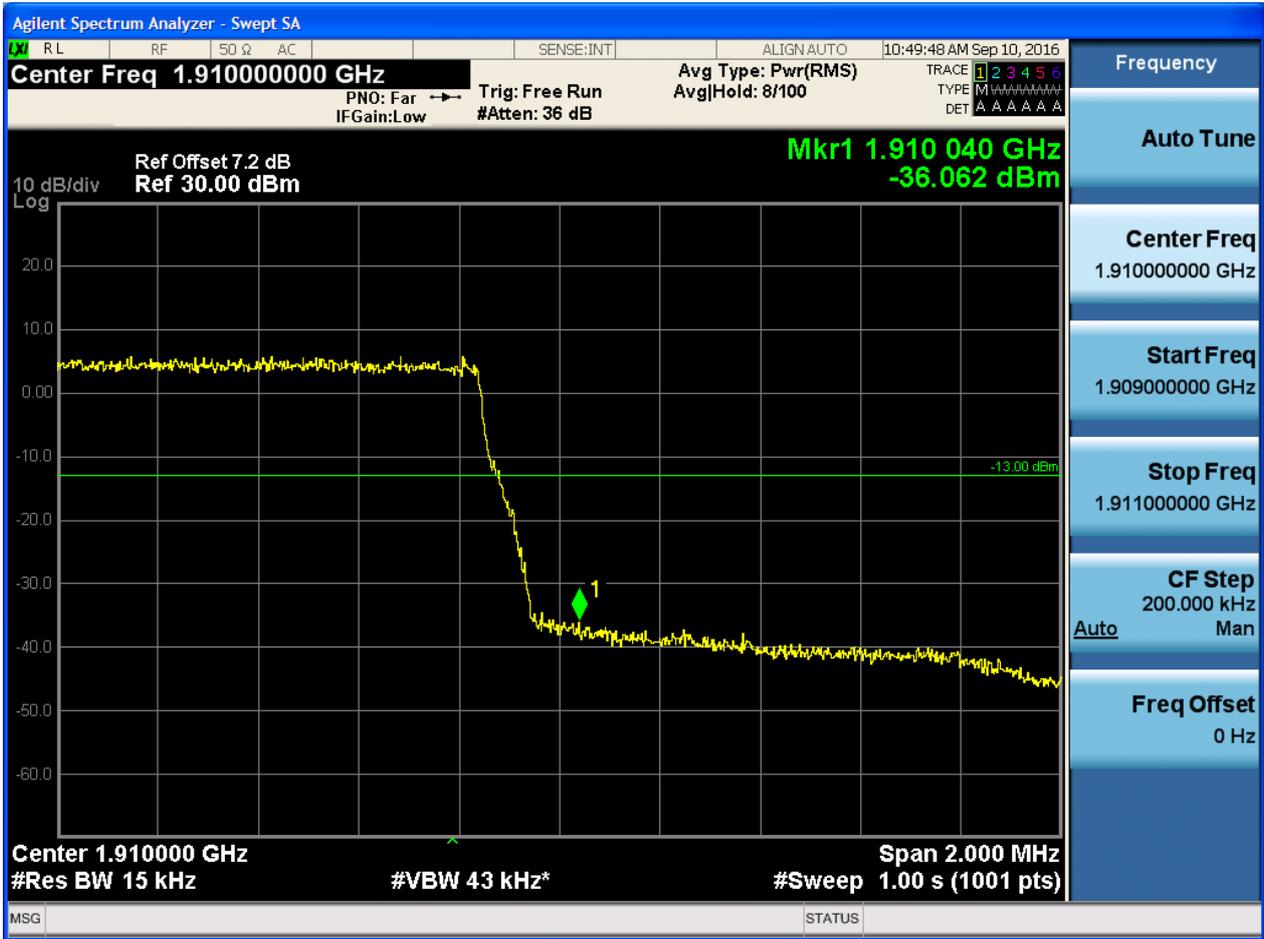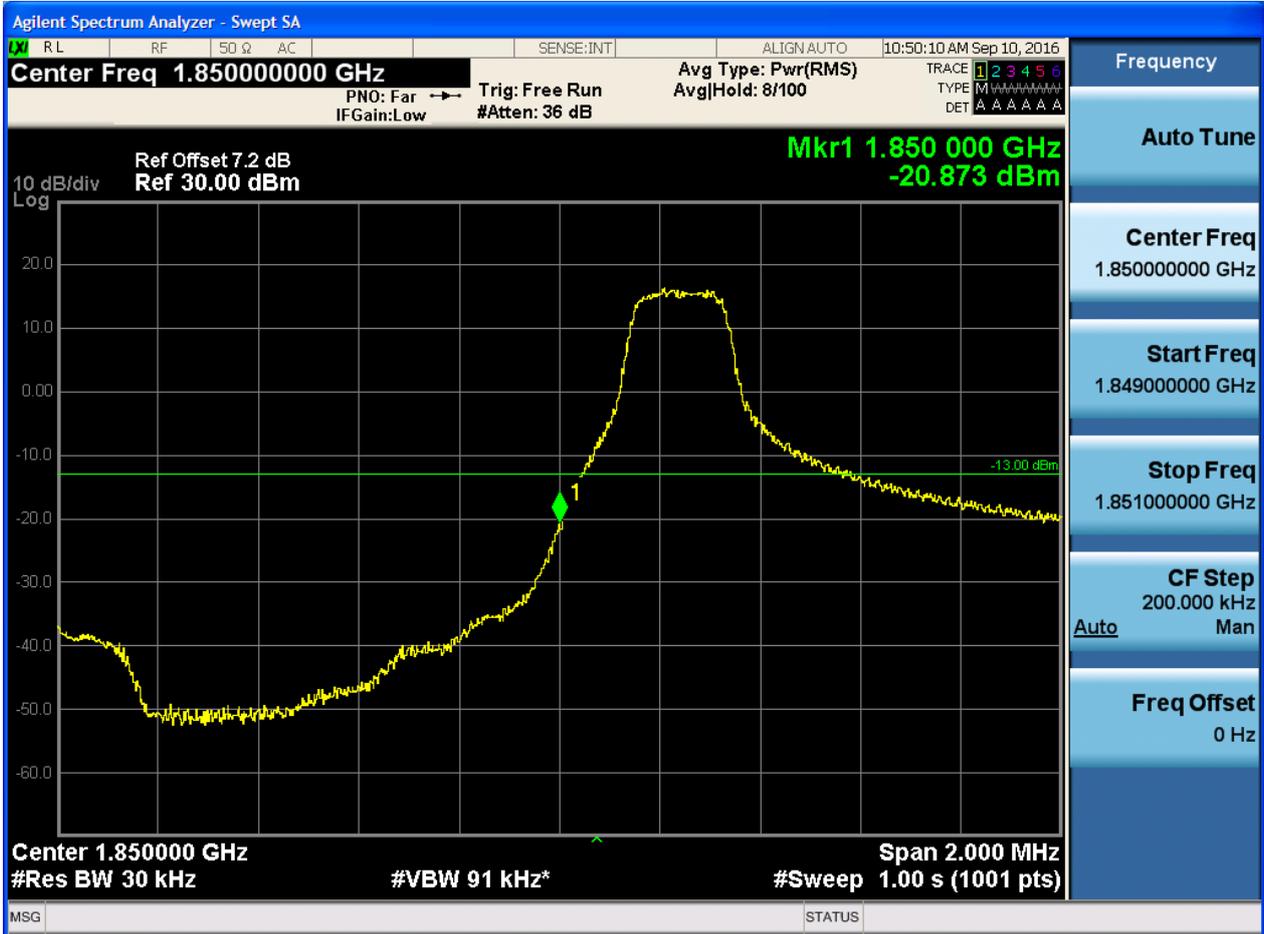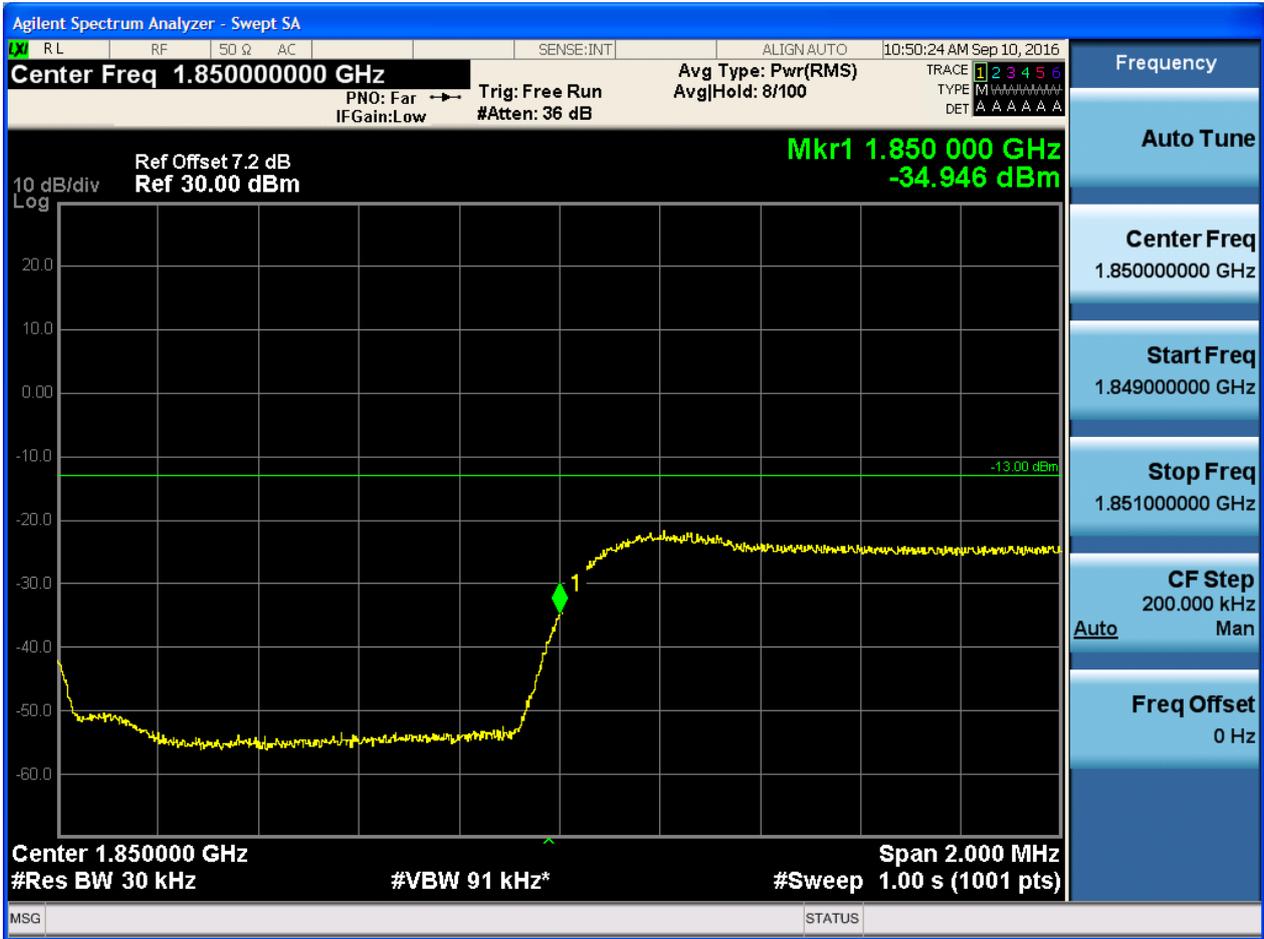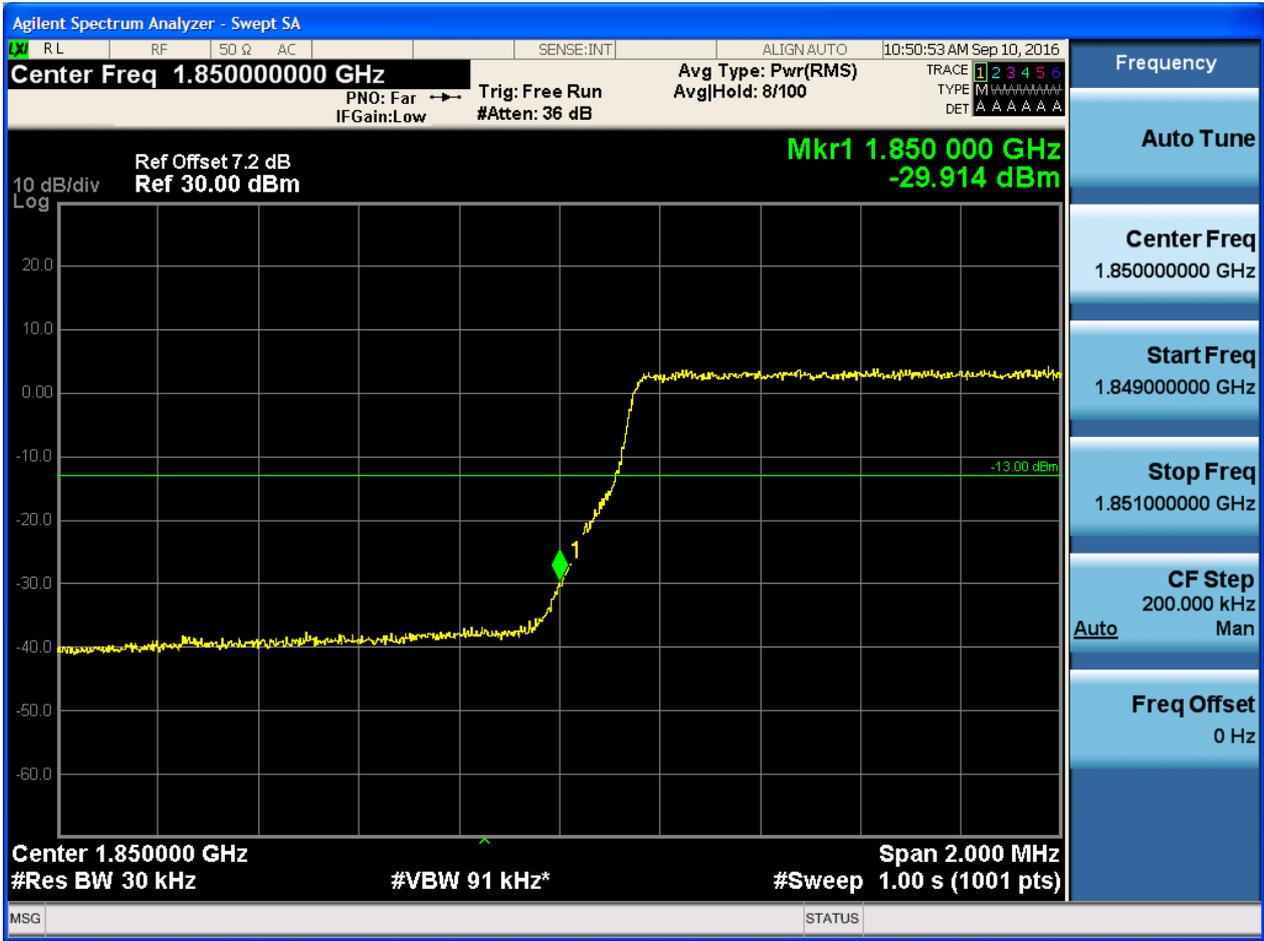## 5.1.1.1.2.1.2 Test RB = RB1#14
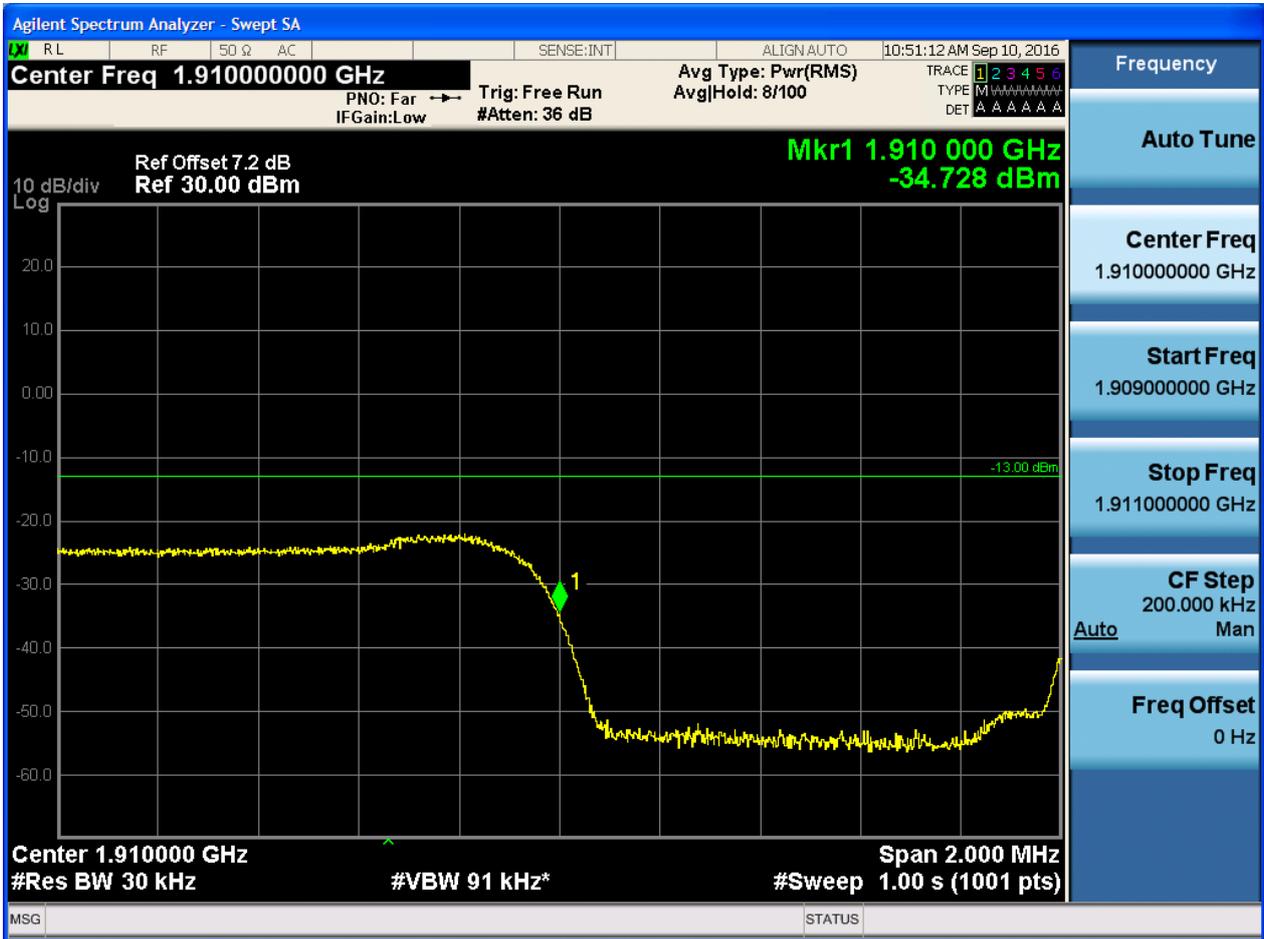
5.1.1.1.2.1.3 Test RB = RB8#4

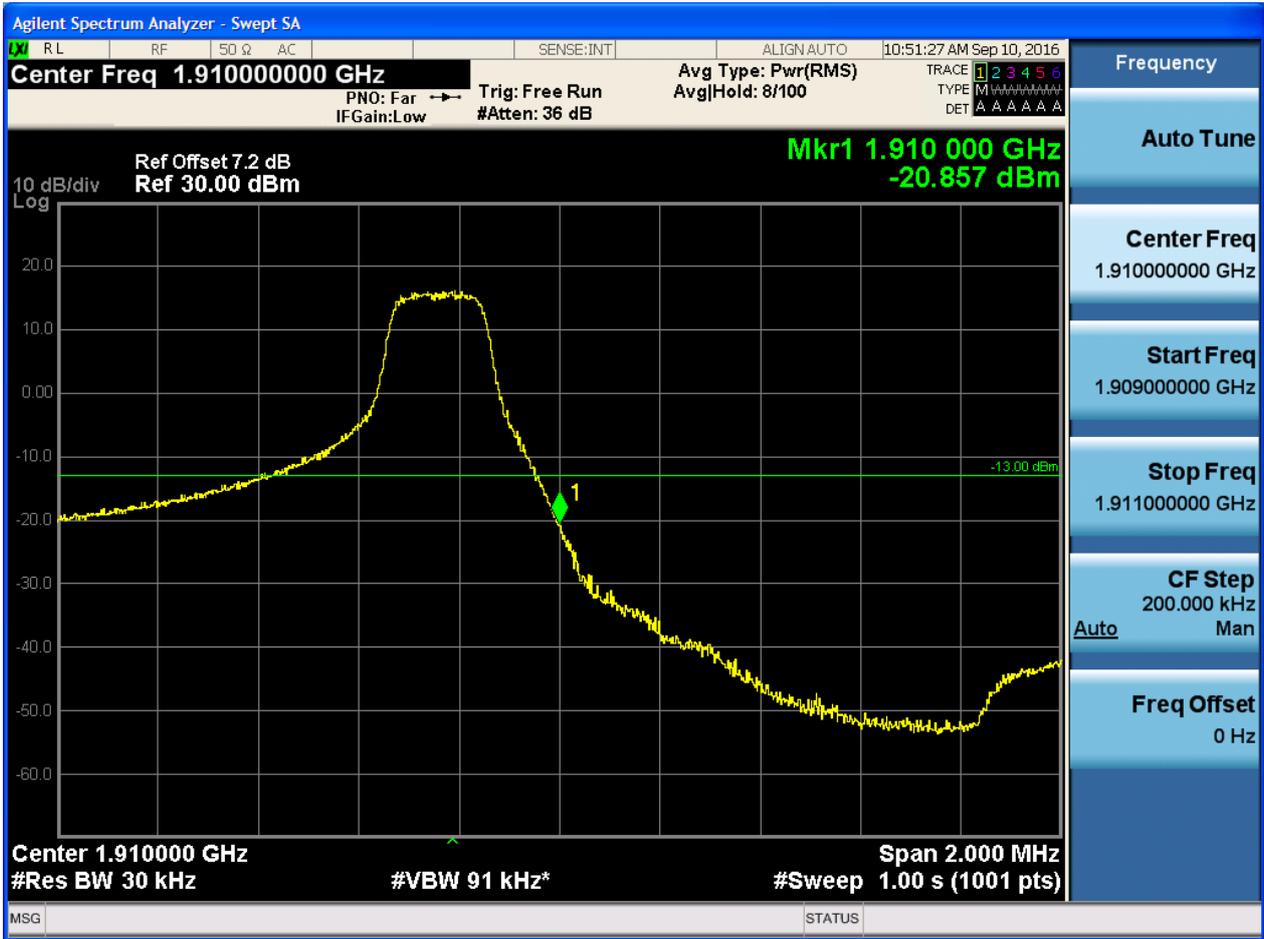## 5.1.1.1.2.1.4 Test RB = RB15#0

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

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5.1.1.1.3.2.3 Test RB = RB12#6

5.1.1.1.3.2.4 Test RB = RB25#0

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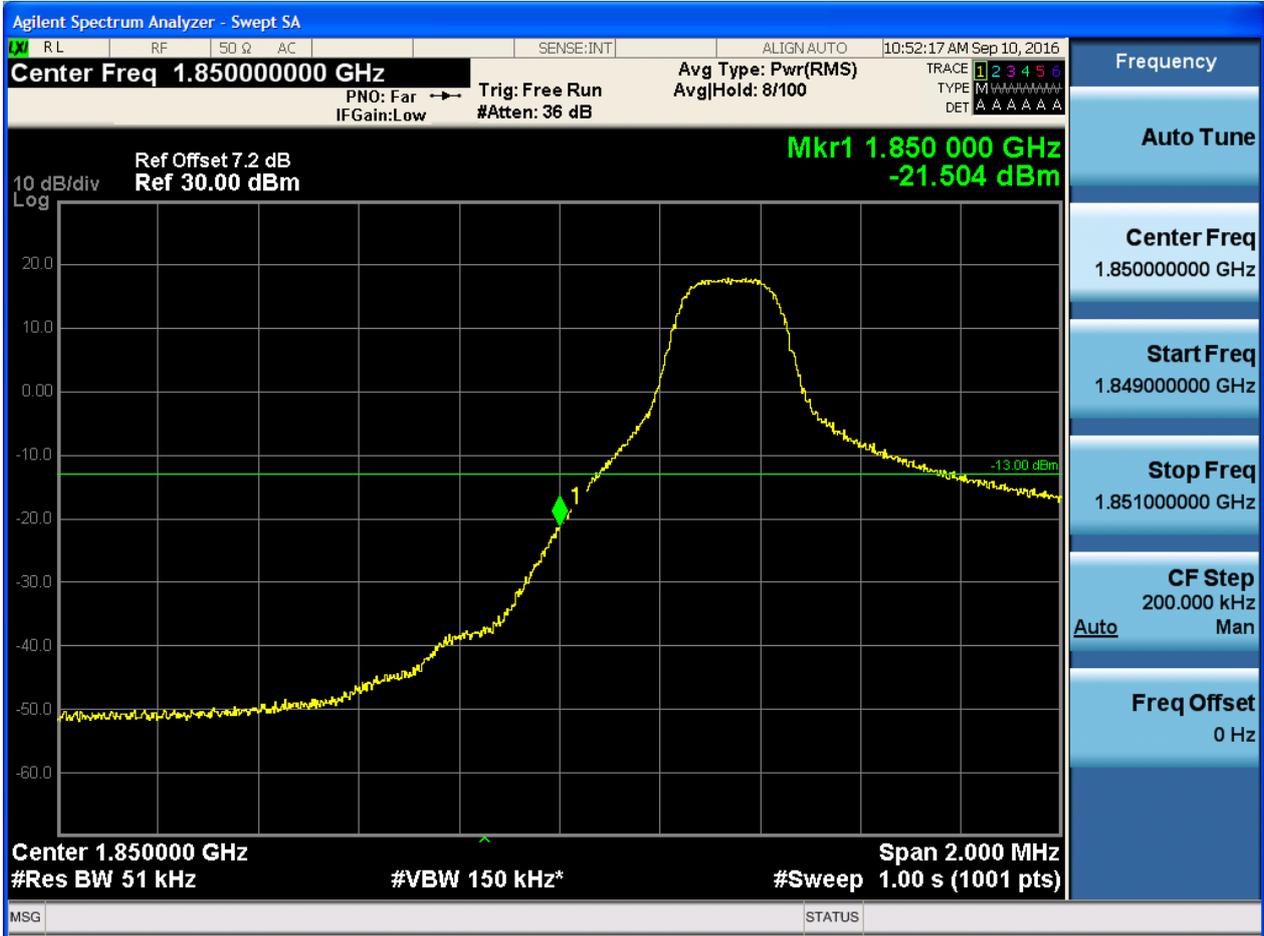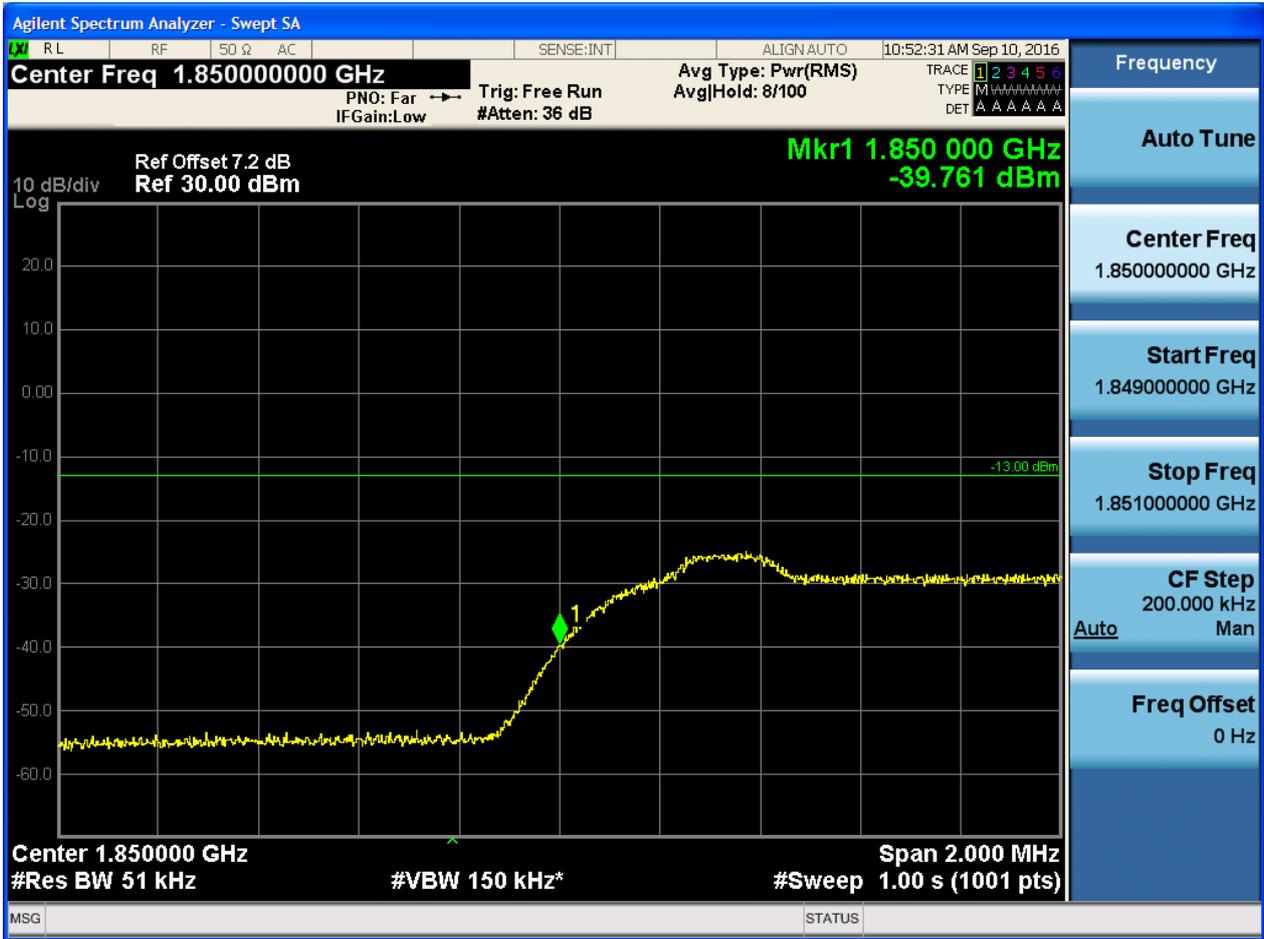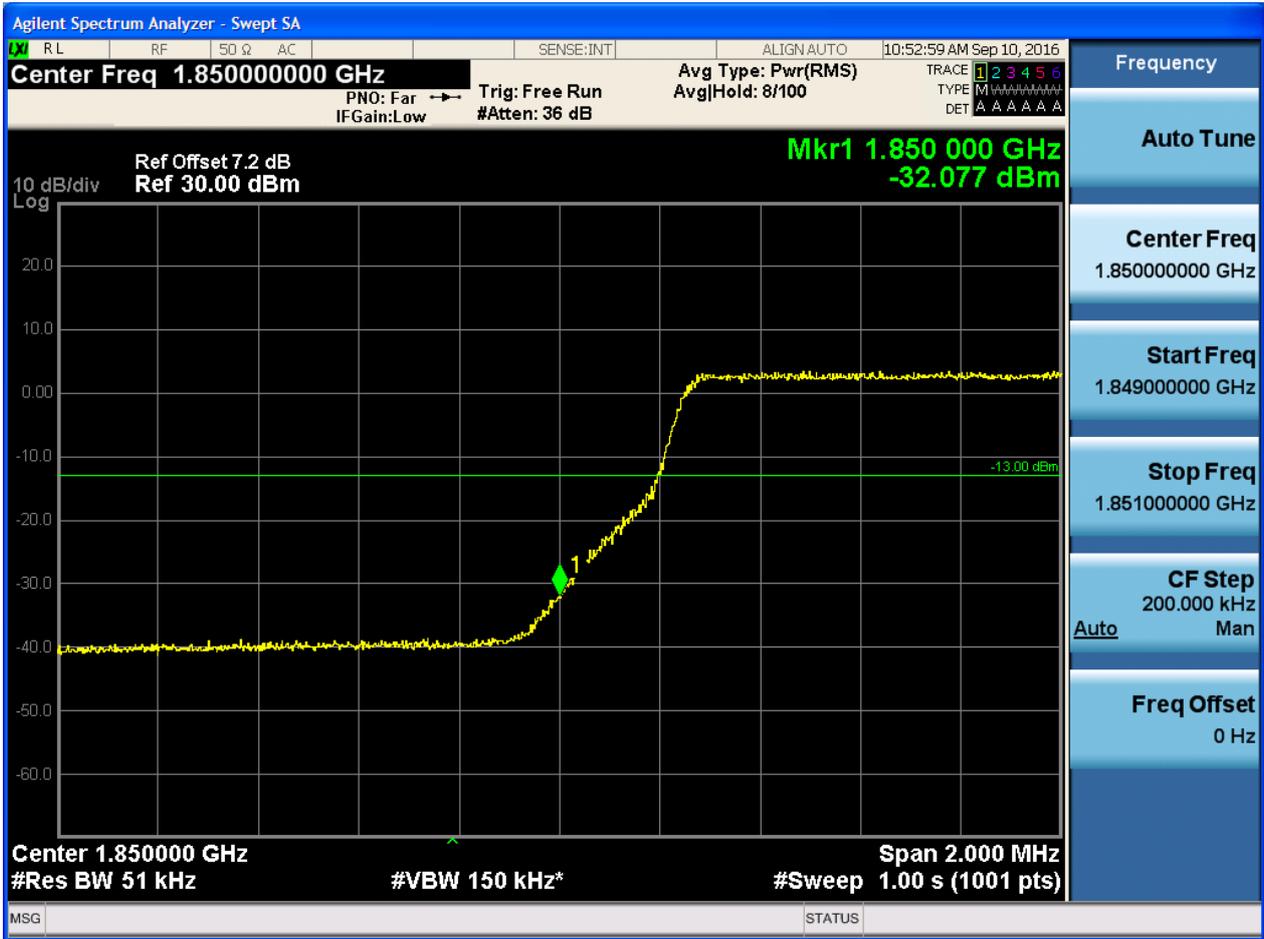Copyright © Huawei Technologies Co., Ltd.

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

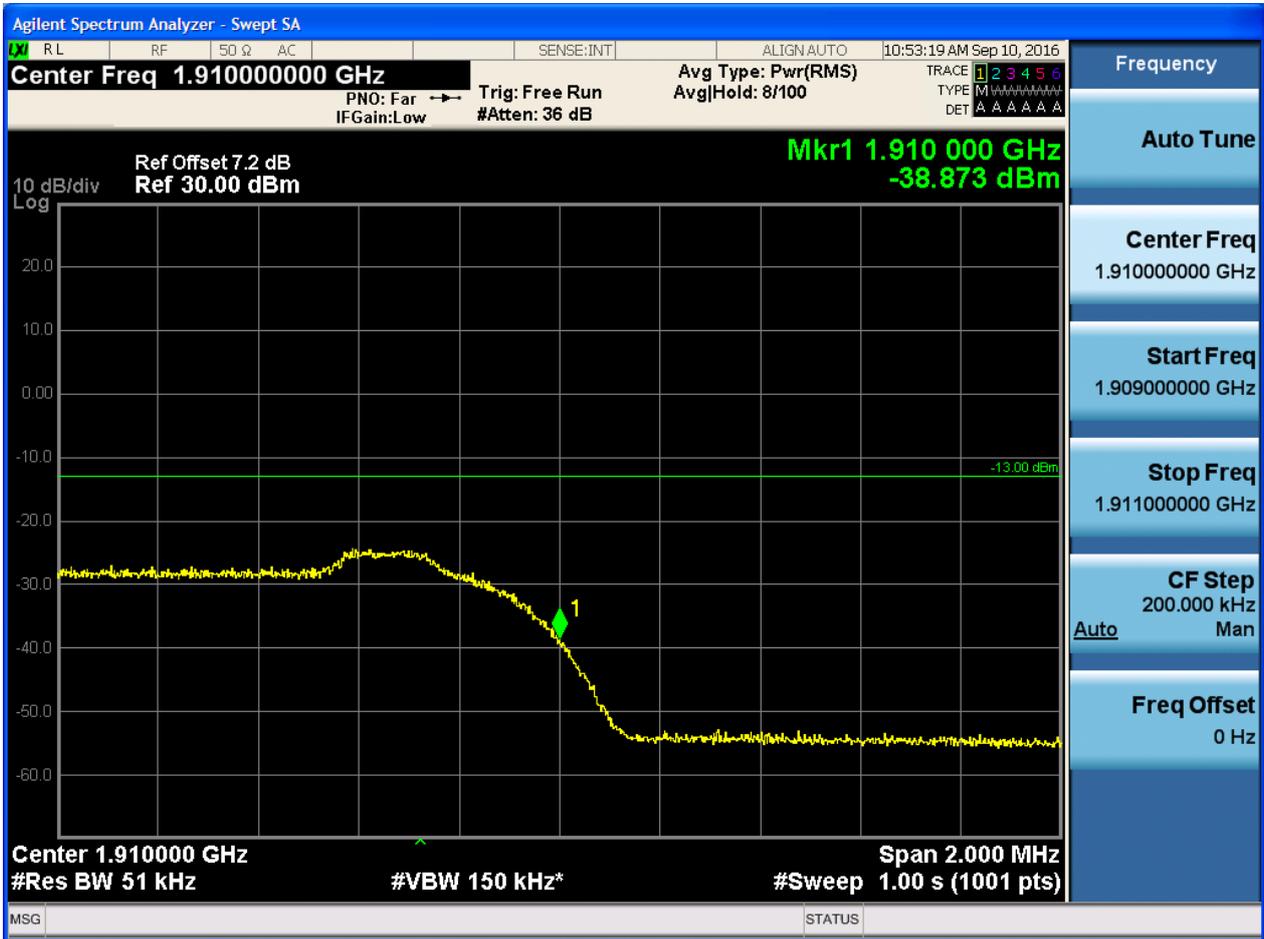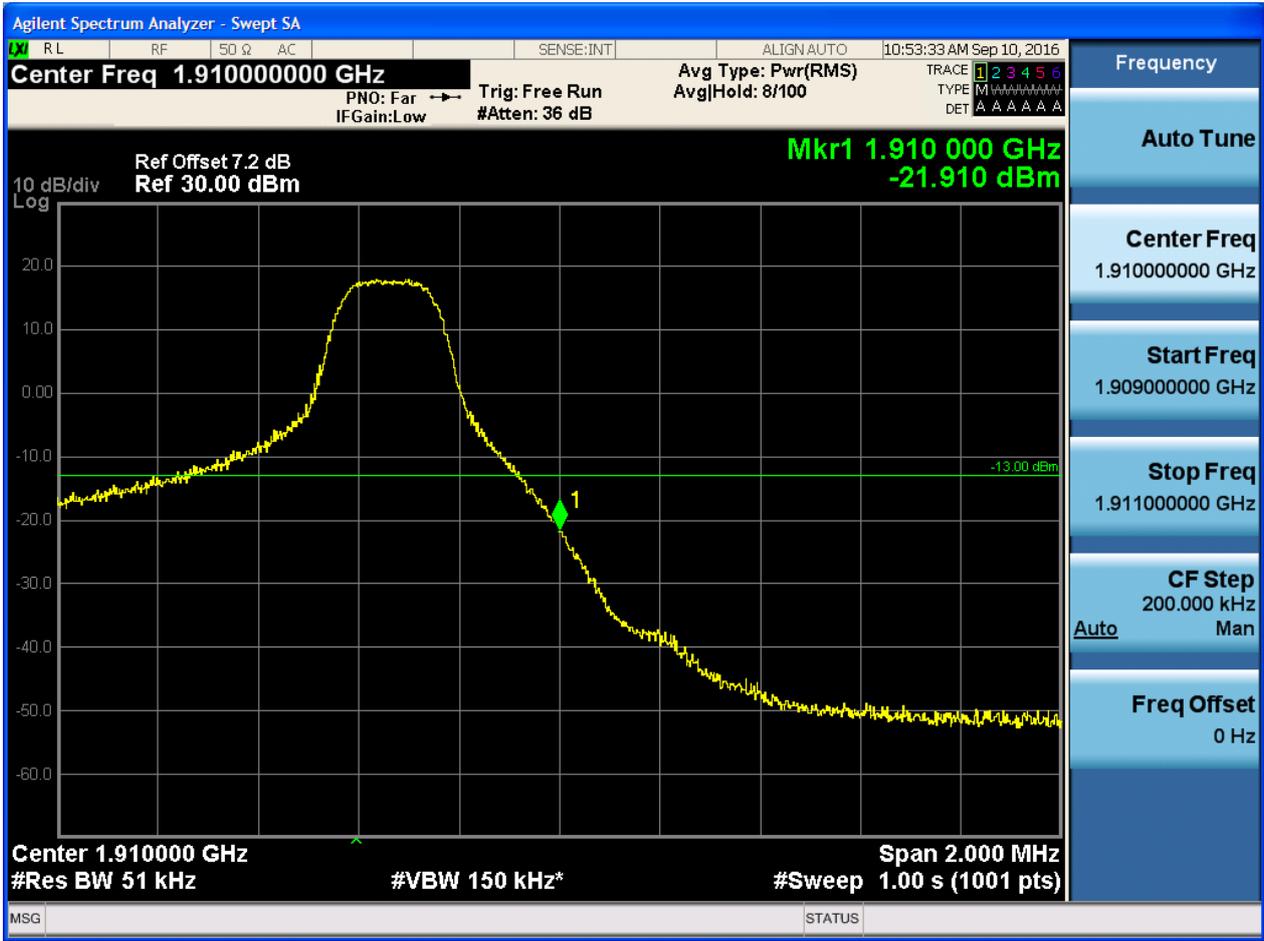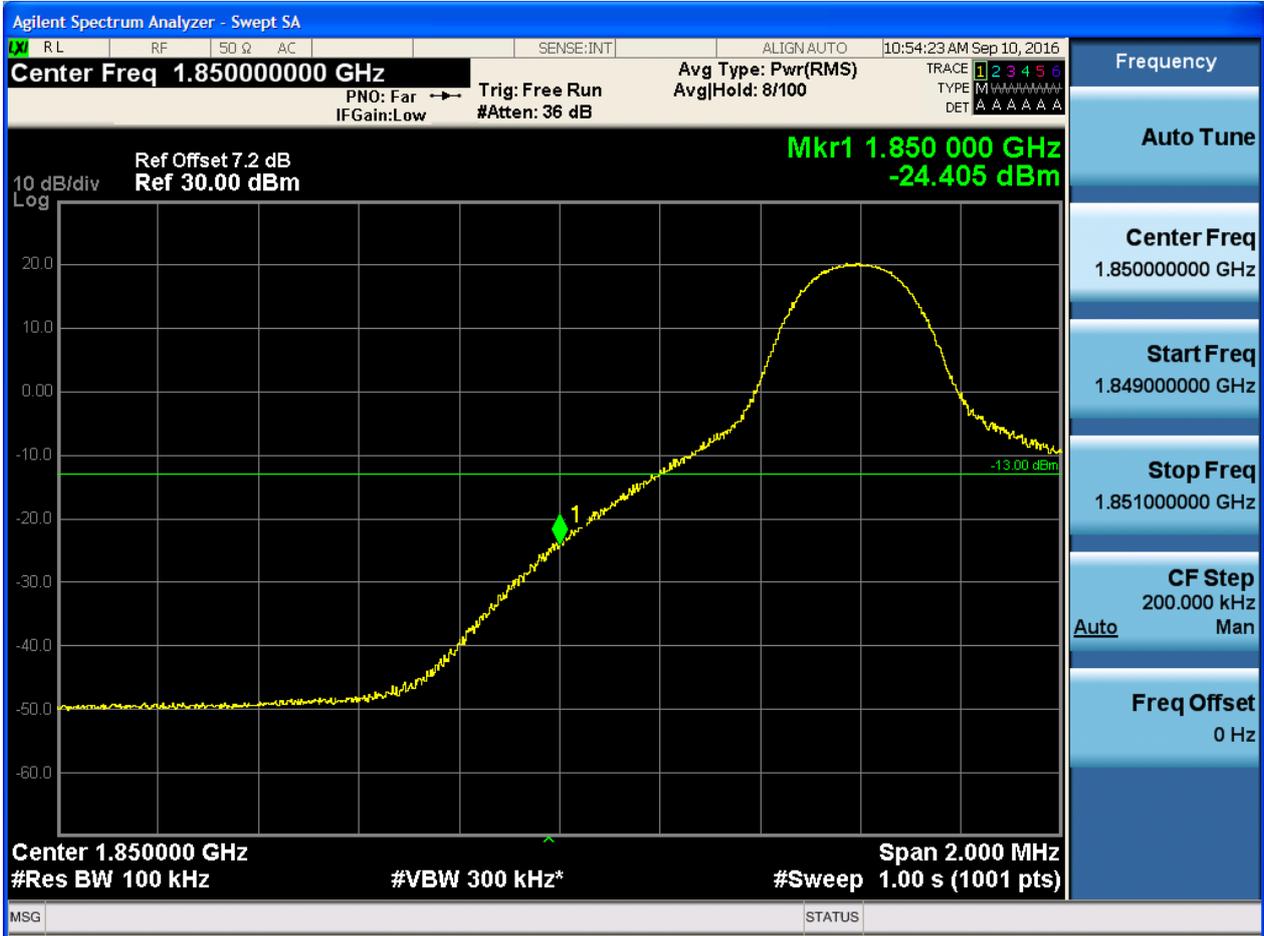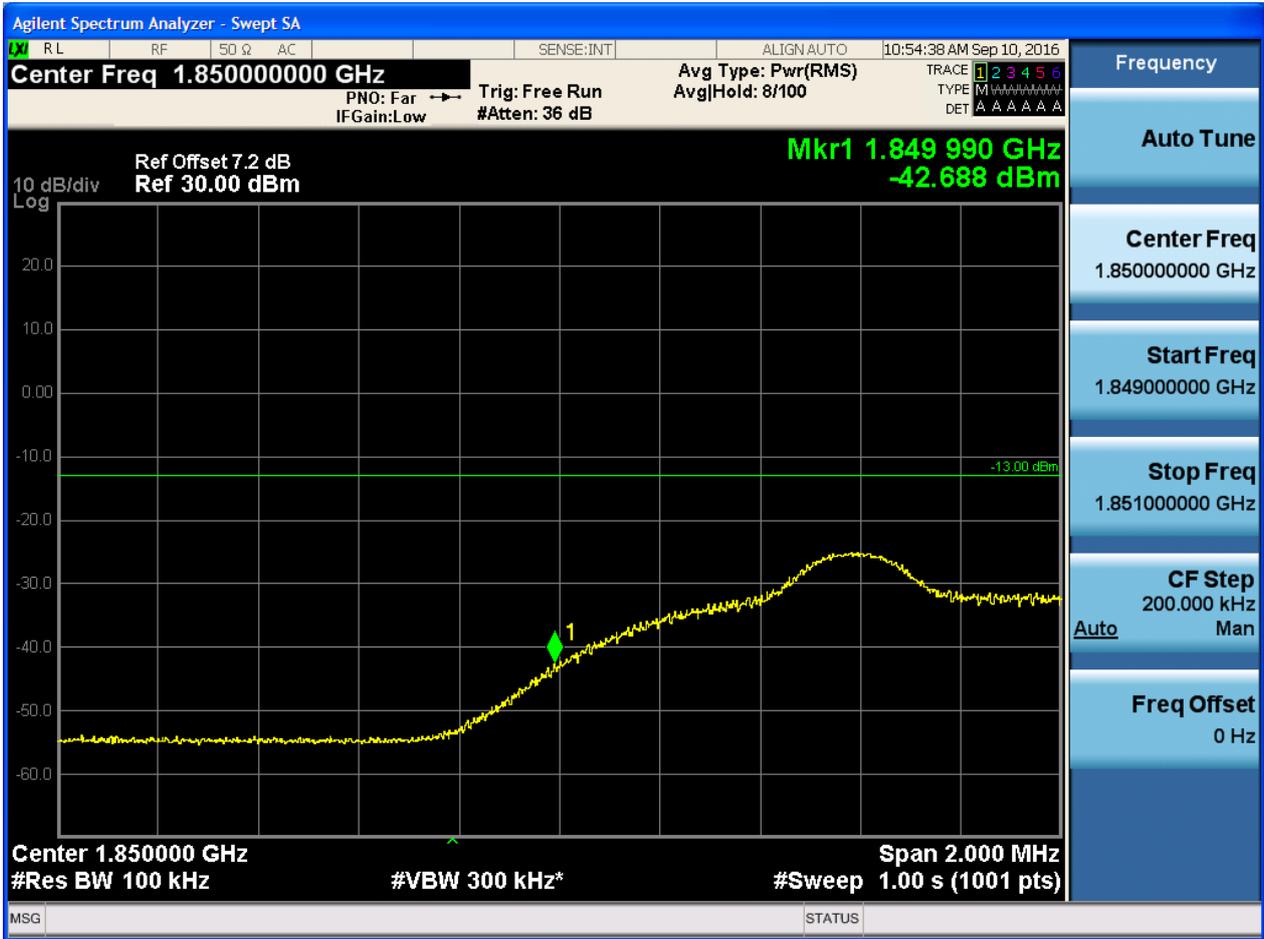## 5.1.1.1.4.1.3 Test RB = RB25#13

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

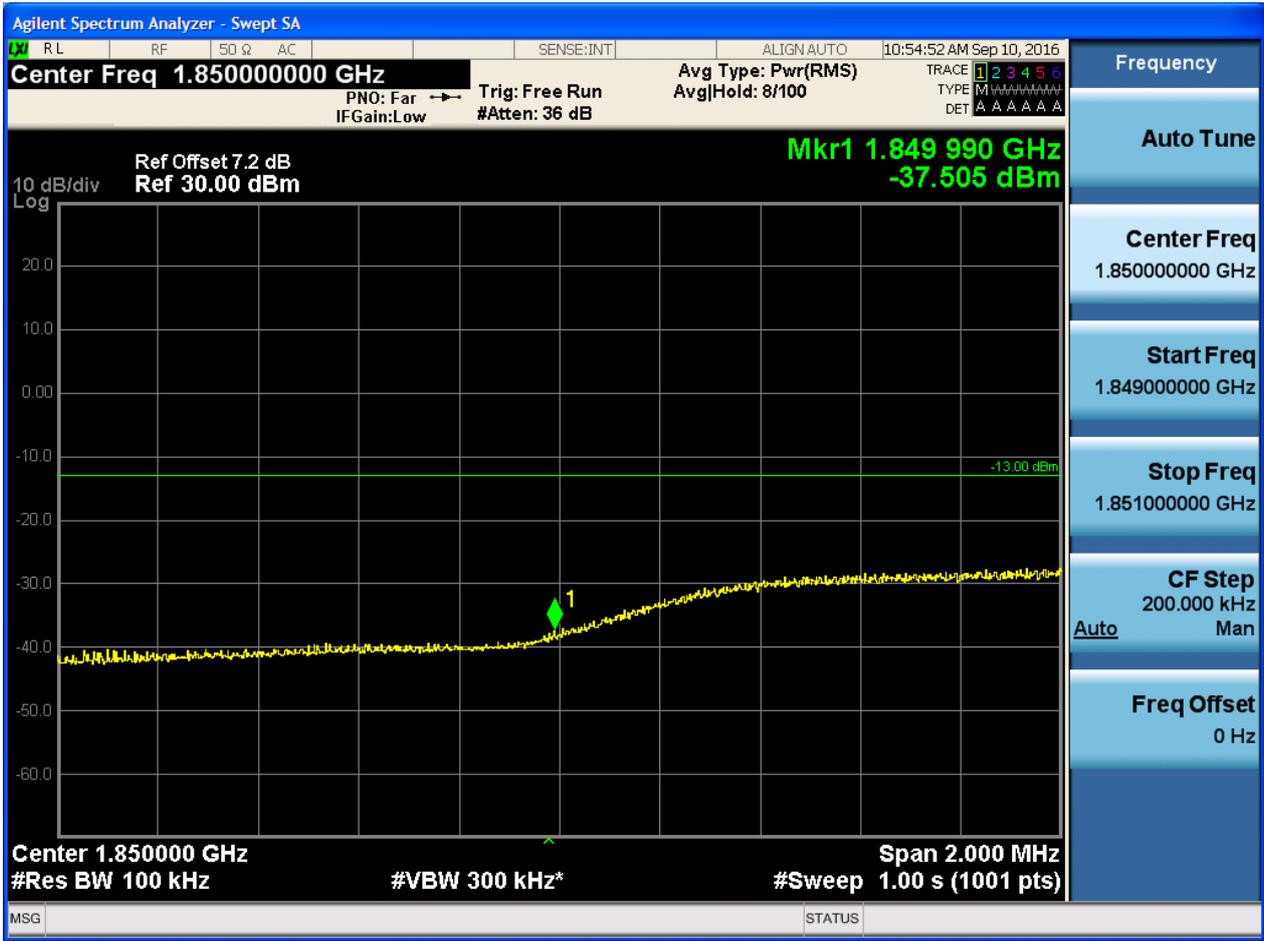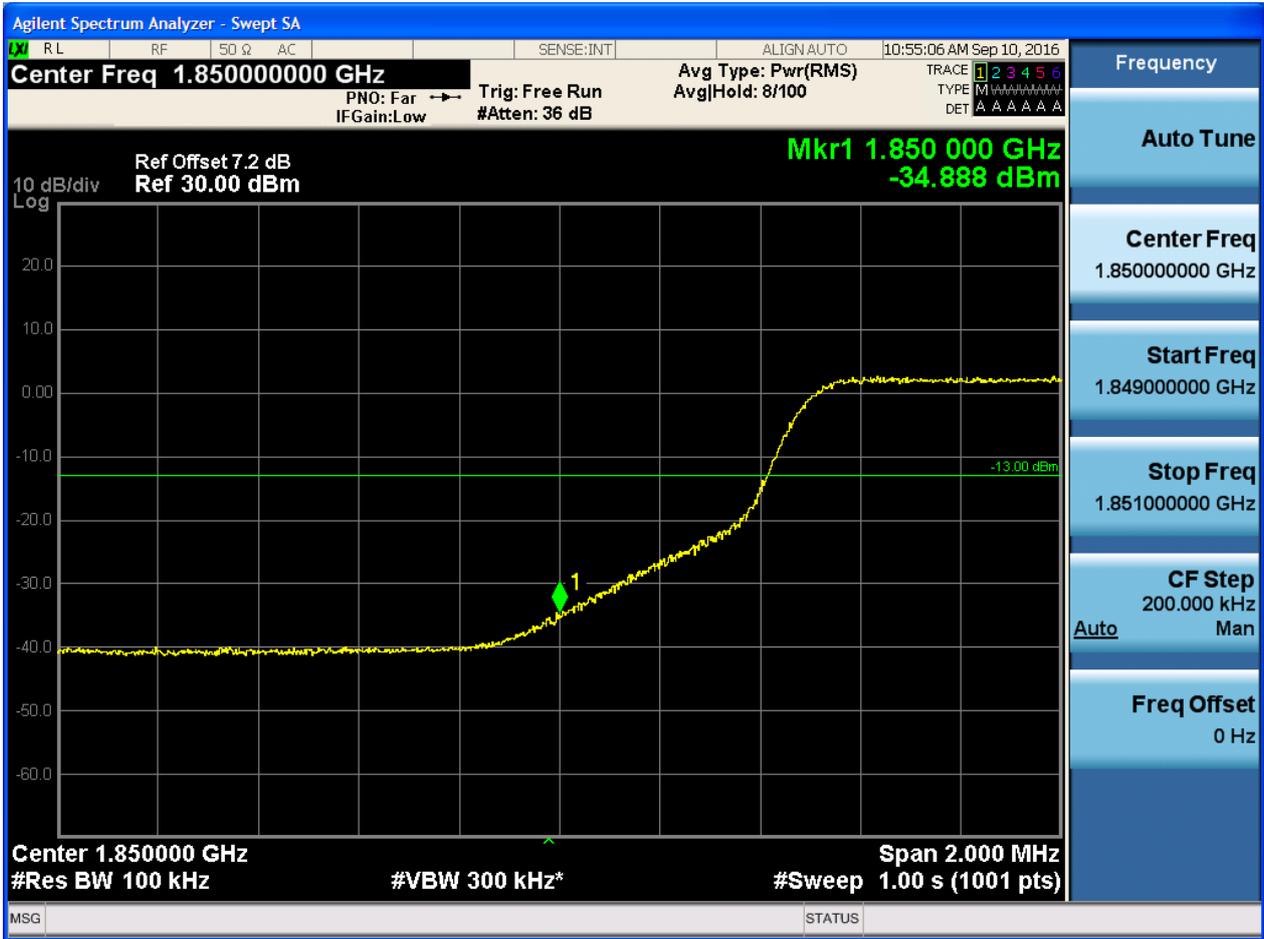## 5.1.1.1.4.2.2 Test RB = RB1#49
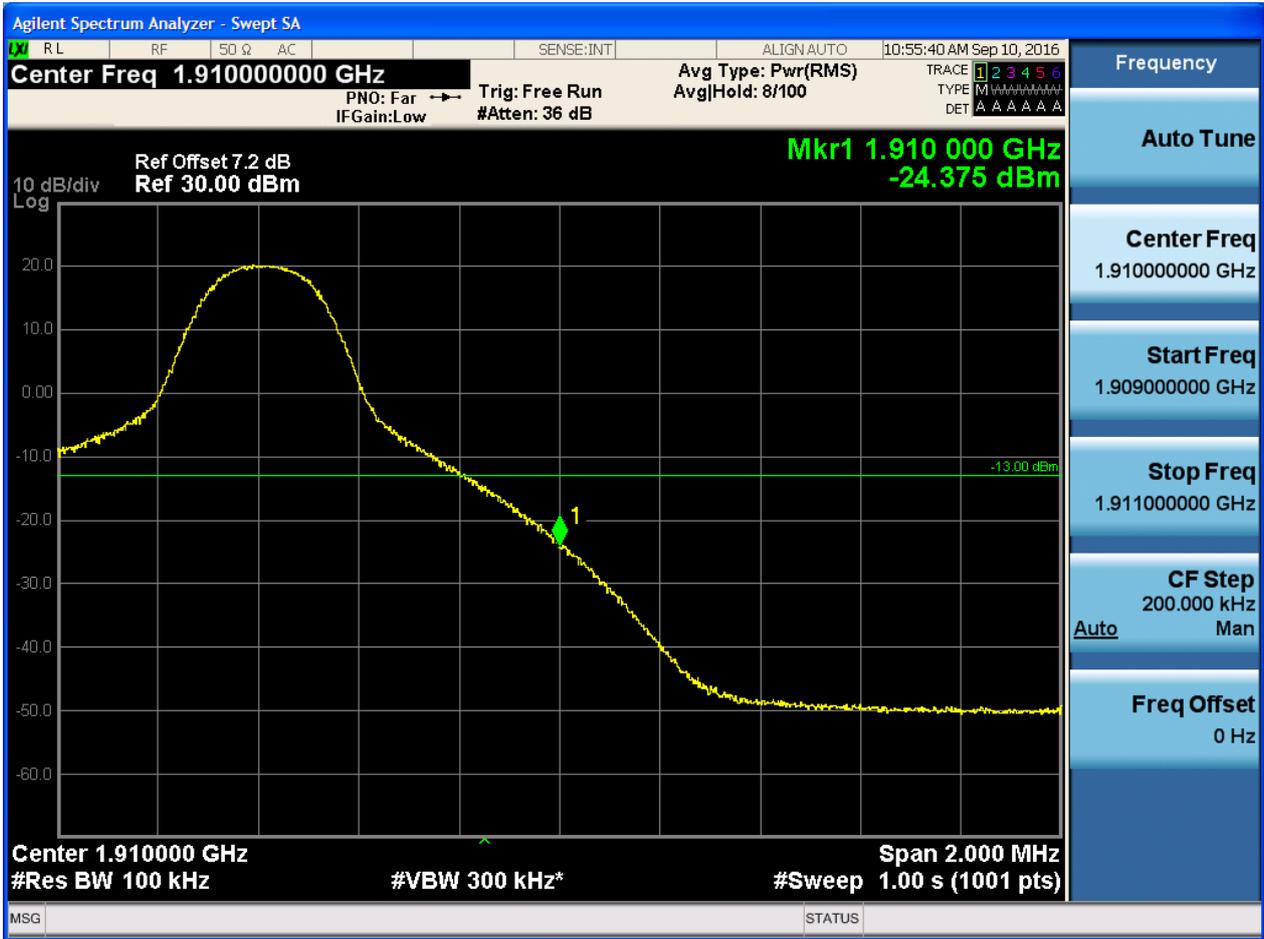
5.1.1.1.4.2.3 Test RB = RB25#13

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

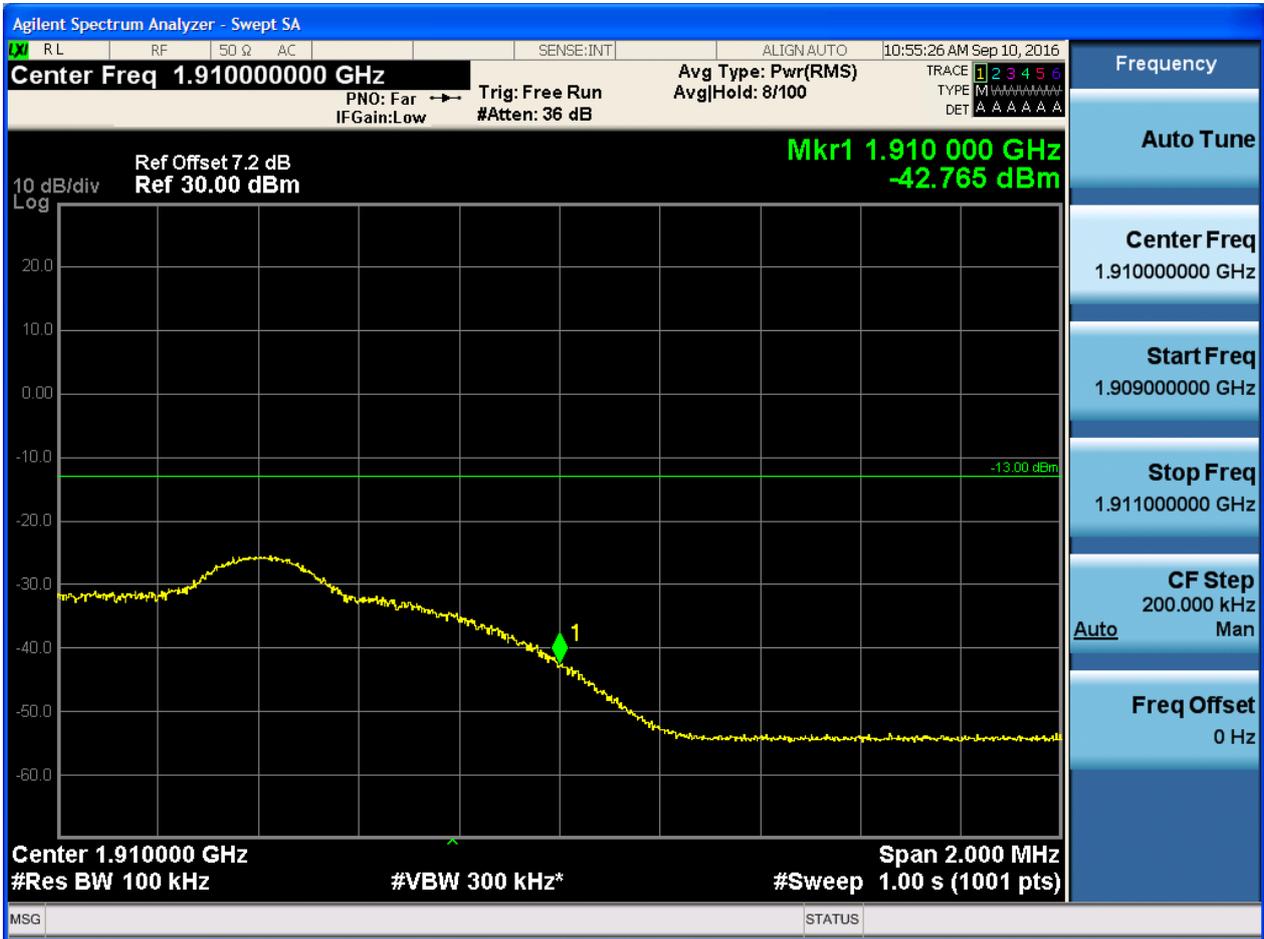## 5.1.1.1.5.1.3 Test RB = RB38#19

5.1.1.1.5.1.4 Test RB = RB75#0

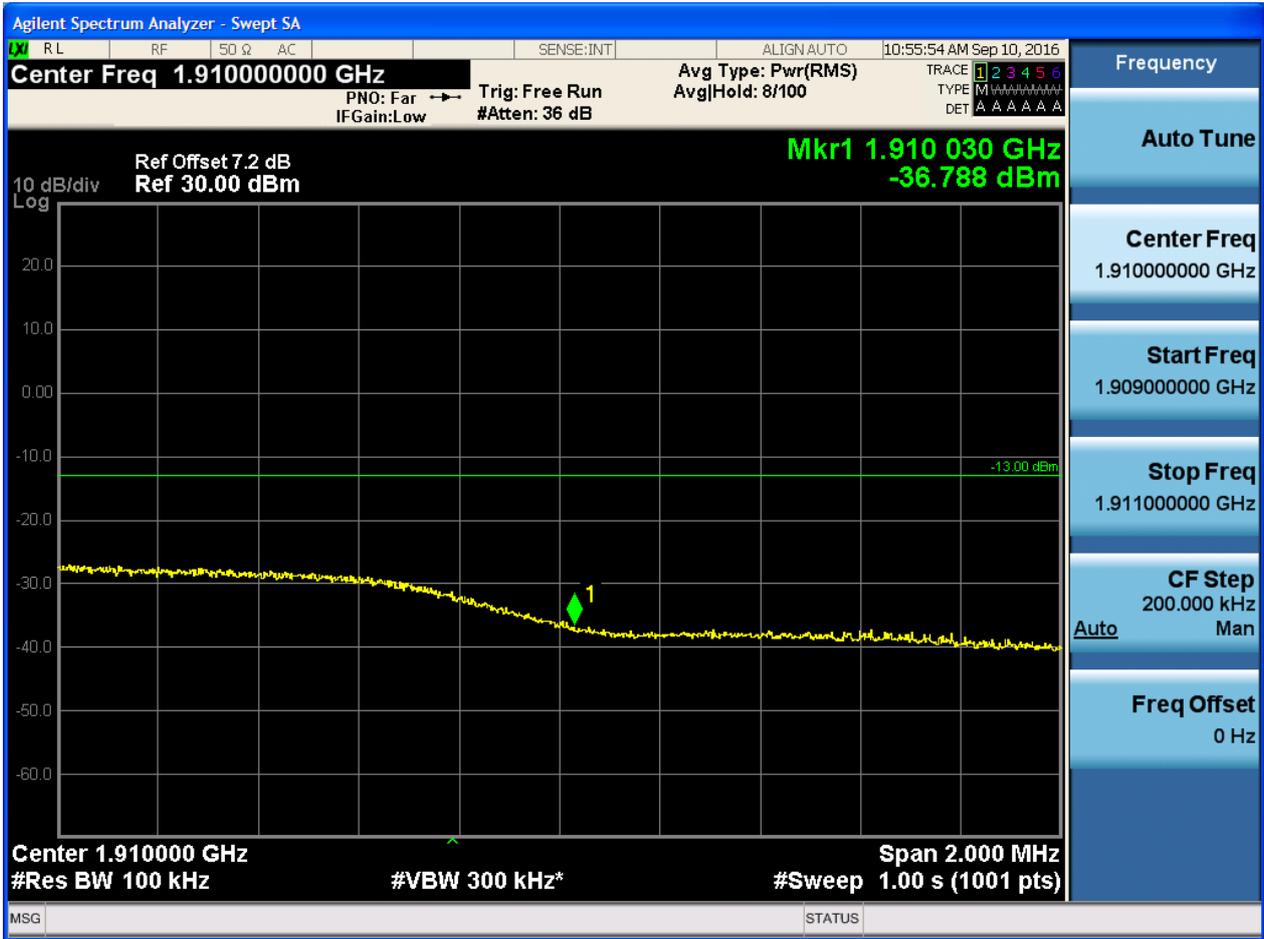## 5.1.1.1.5.2 Test Channel = HCH

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

Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Mkr1 1.910 010 GHz
-36.257 dBm

Ref Offset 7.2 dB
Ref 30.00 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 150 kHz   #VBW 470 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
Auto   Man

Freq Offset
0 Hz

5.1.1.1.5.2.4 Test RB = RB75#0

5.1.1.1.6 Test Bandwidth = 20

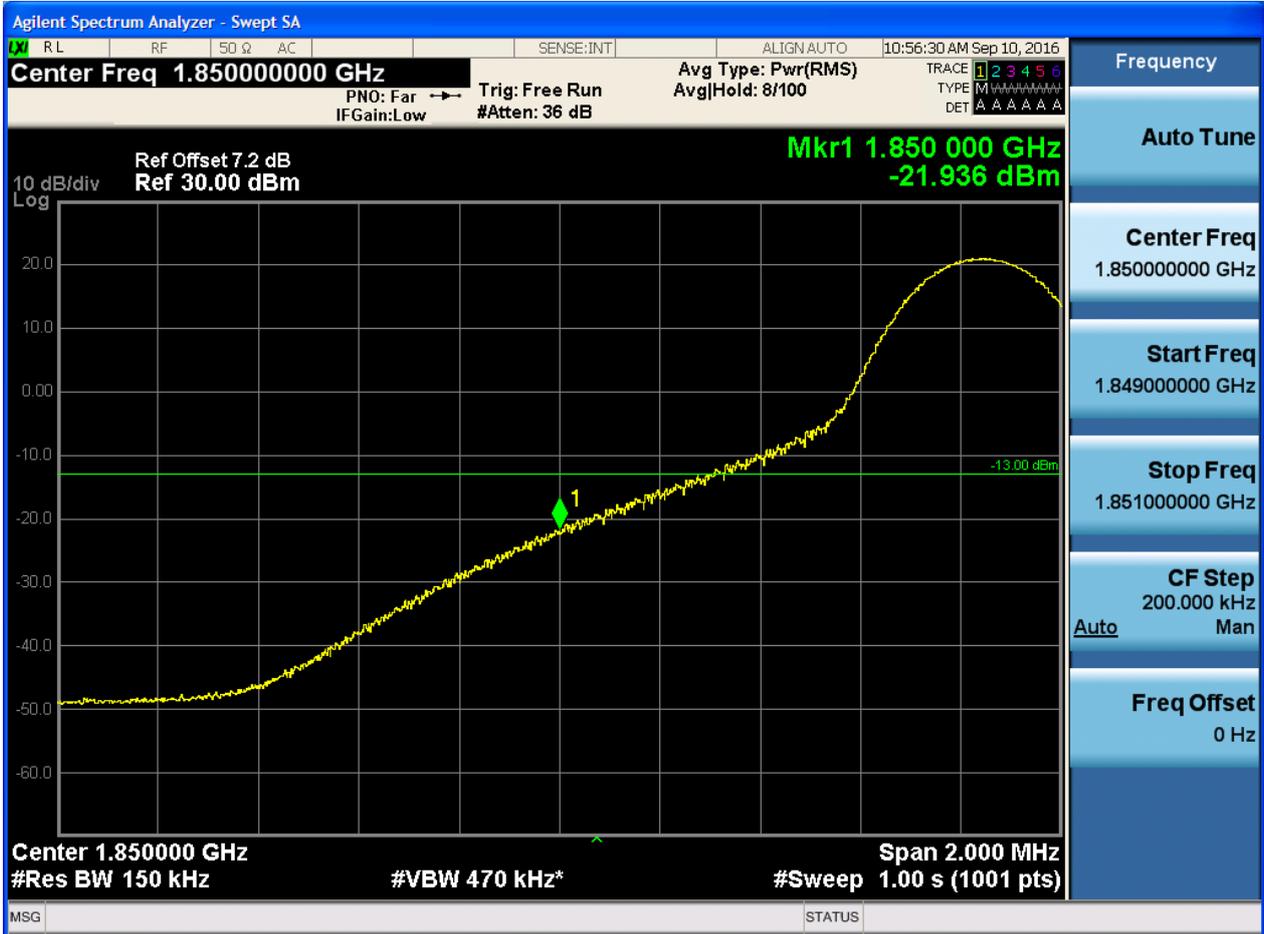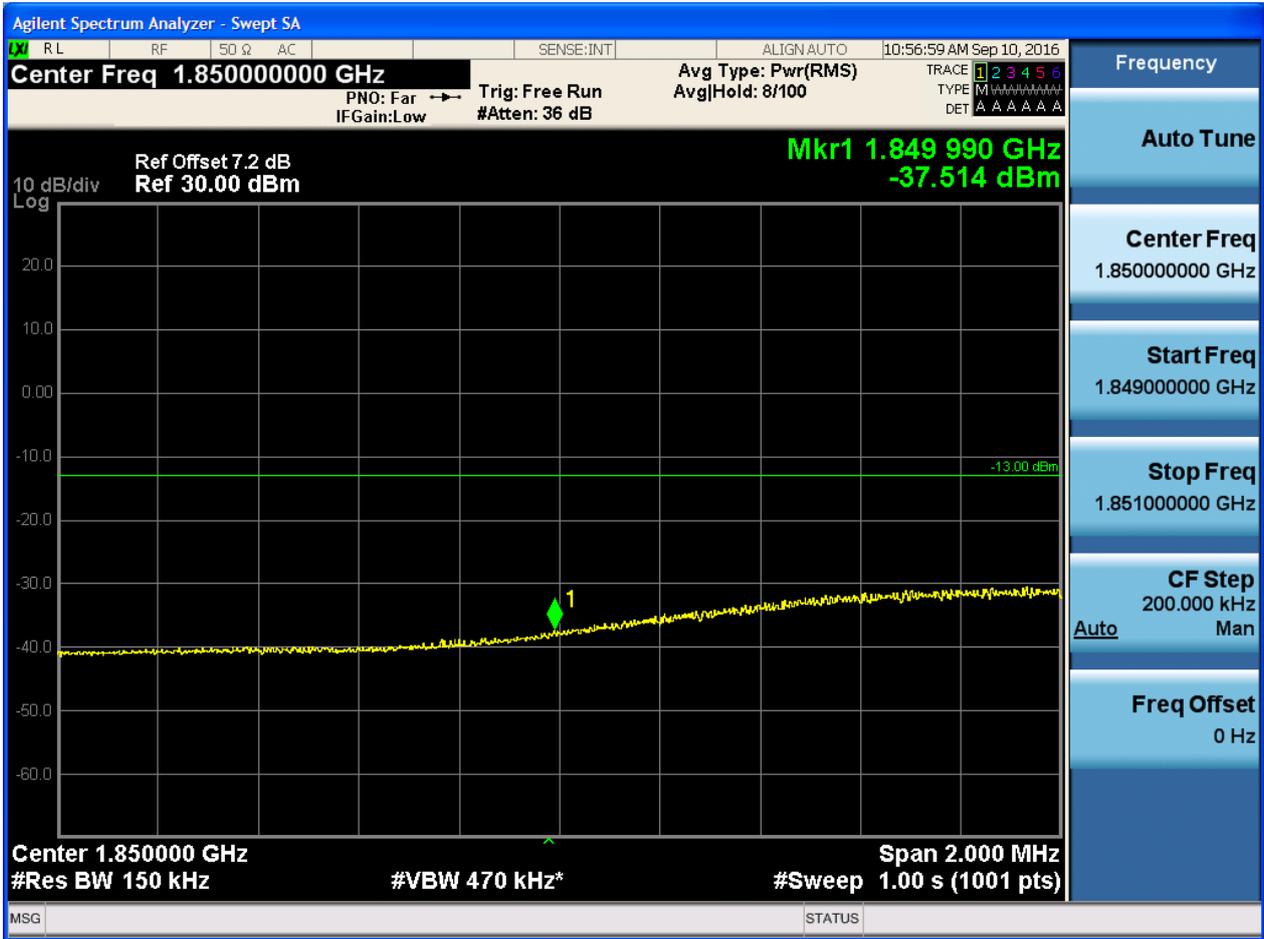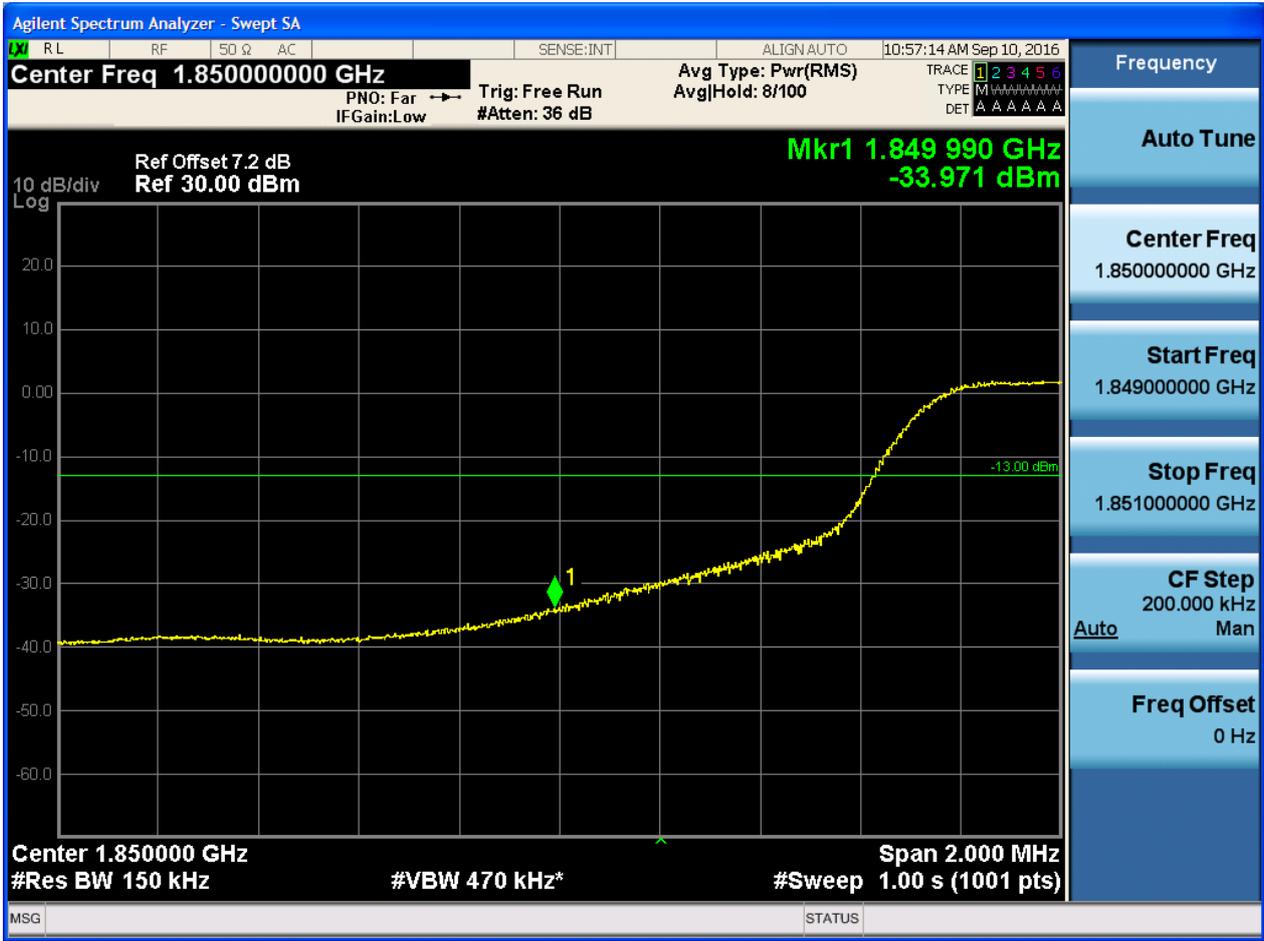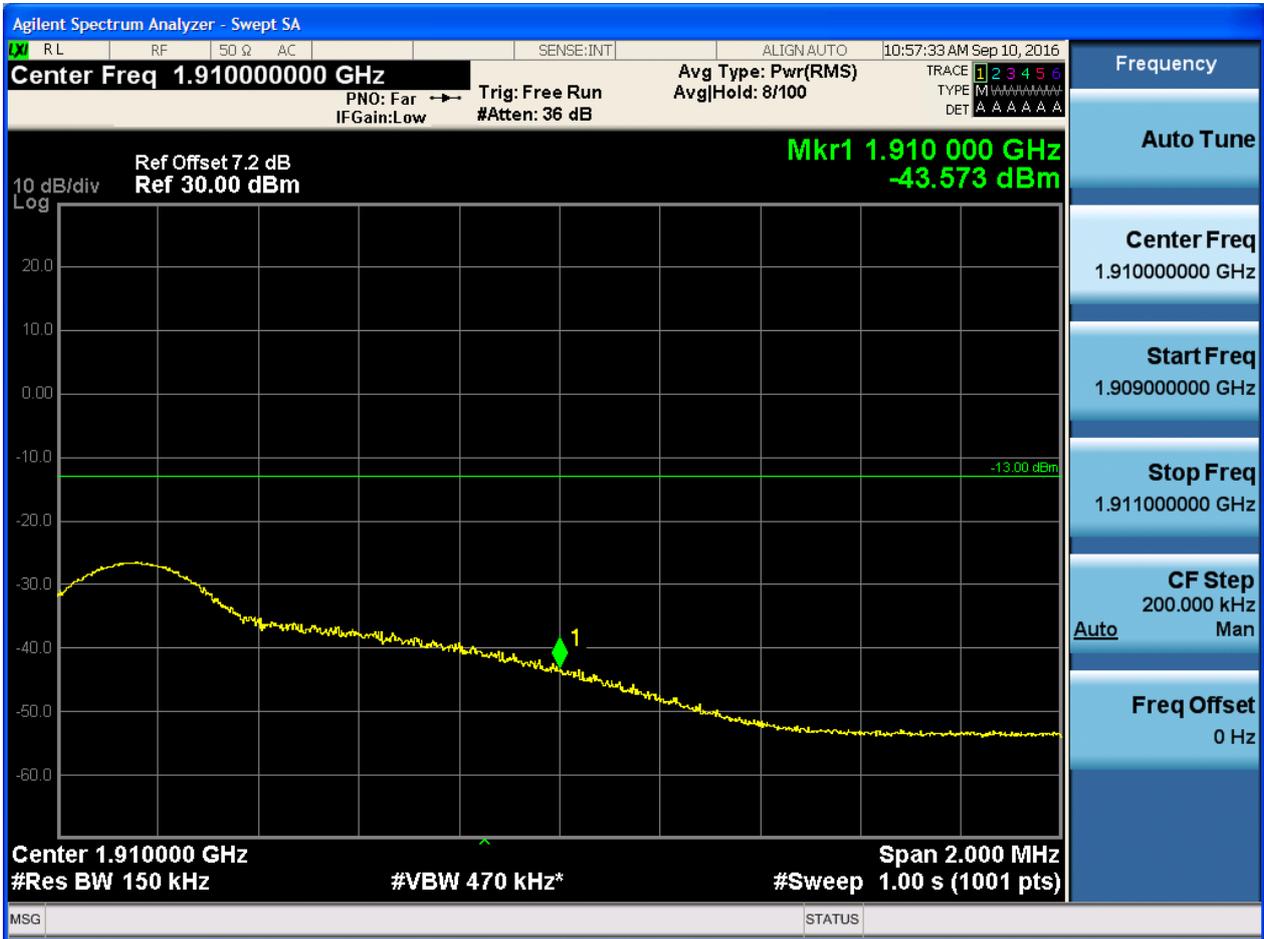### 5.1.1.1.6.1 Test Channel = LCH

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