



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	22.47	22.67	33	PASS
				RB1#3	22.41	22.61	33	PASS
				RB1#5	22.44	22.64	33	PASS
				RB3#0	22.4	22.6	33	PASS
				RB3#2	22.55	22.75	33	PASS
				RB3#3	22.62	22.82	33	PASS
				RB6#0	21.51	21.71	33	PASS
			MCH	RB1#0	22.53	22.73	33	PASS
				RB1#3	22.67	22.87	33	PASS
				RB1#5	22.59	22.79	33	PASS
				RB3#0	22.39	22.59	33	PASS
				RB3#2	22.62	22.82	33	PASS
				RB3#3	22.47	22.67	33	PASS
				RB6#0	21.39	21.59	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.42	22.62	33	PASS
				RB1#3	22.46	22.66	33	PASS
				RB1#5	22.42	22.62	33	PASS
				RB3#0	22.54	22.74	33	PASS
				RB3#2	22.82	23.02	33	PASS
				RB3#3	22.65	22.85	33	PASS
				RB6#0	21.43	21.63	33	PASS
		3	LCH	RB1#0	22.81	23.01	33	PASS
				RB1#7	22.91	23.11	33	PASS
				RB1#14	22.85	23.05	33	PASS
				RB8#0	21.47	21.67	33	PASS
				RB8#4	21.46	21.66	33	PASS
				RB8#7	21.47	21.67	33	PASS
				RB15#0	21.48	21.68	33	PASS
			MCH	RB1#0	22.22	22.42	33	PASS
				RB1#7	22.29	22.49	33	PASS
				RB1#14	22.25	22.45	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.4	21.6	33	PASS
				RB8#4	21.45	21.65	33	PASS
				RB8#7	21.47	21.67	33	PASS
				RB15#0	21.39	21.59	33	PASS
			HCH	RB1#0	22.55	22.75	33	PASS
				RB1#7	22.53	22.73	33	PASS
				RB1#14	22.48	22.68	33	PASS
				RB8#0	21.56	21.76	33	PASS
				RB8#4	21.44	21.64	33	PASS
				RB8#7	21.56	21.76	33	PASS
				RB15#0	21.45	21.65	33	PASS
		5	LCH	RB1#0	22.42	22.62	33	PASS
				RB1#13	22.75	22.95	33	PASS
				RB1#24	22.72	22.92	33	PASS
				RB12#0	21.51	21.71	33	PASS
				RB12#6	21.49	21.69	33	PASS
				RB12#13	21.44	21.64	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.46	21.66	33	PASS
			MCH	RB1#0	22.37	22.57	33	PASS
				RB1#13	22.71	22.91	33	PASS
				RB1#24	22.36	22.56	33	PASS
				RB12#0	21.45	21.65	33	PASS
				RB12#6	21.51	21.71	33	PASS
				RB12#13	21.42	21.62	33	PASS
				RB25#0	21.44	21.64	33	PASS
			HCH	RB1#0	22.06	22.26	33	PASS
				RB1#13	22.39	22.59	33	PASS
				RB1#24	21.98	22.18	33	PASS
				RB12#0	21.47	21.67	33	PASS
				RB12#6	21.47	21.67	33	PASS
				RB12#13	21.48	21.68	33	PASS
				RB25#0	21.46	21.66	33	PASS
		10	LCH	RB1#0	22.71	22.91	33	PASS
				RB1#25	22.89	23.09	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.77	22.97	33	PASS
				RB25#0	21.5	21.7	33	PASS
				RB25#13	21.51	21.71	33	PASS
				RB25#25	21.47	21.67	33	PASS
				RB50#0	21.49	21.69	33	PASS
			MCH	RB1#0	22.48	22.68	33	PASS
				RB1#25	22.68	22.88	33	PASS
				RB1#49	22.36	22.56	33	PASS
				RB25#0	21.45	21.65	33	PASS
				RB25#13	21.43	21.63	33	PASS
				RB25#25	21.44	21.64	33	PASS
				RB50#0	21.5	21.7	33	PASS
			HCH	RB1#0	22.61	22.81	33	PASS
				RB1#25	22.56	22.76	33	PASS
				RB1#49	22.55	22.75	33	PASS
				RB25#0	21.61	21.81	33	PASS
				RB25#13	21.5	21.7	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.51	21.71	33	PASS
				RB50#0	21.46	21.66	33	PASS
		15	LCH	RB1#0	22.75	22.95	33	PASS
				RB1#38	22.79	22.99	33	PASS
				RB1#74	22.55	22.75	33	PASS
				RB38#0	21.46	21.66	33	PASS
				RB38#19	21.47	21.67	33	PASS
				RB38#39	21.45	21.65	33	PASS
				RB75#0	21.43	21.63	33	PASS
			MCH	RB1#0	22.43	22.63	33	PASS
				RB1#38	22.47	22.67	33	PASS
				RB1#74	22.48	22.68	33	PASS
				RB38#0	21.48	21.68	33	PASS
				RB38#19	21.46	21.66	33	PASS
				RB38#39	21.49	21.69	33	PASS
				RB75#0	21.41	21.61	33	PASS
			HCH	RB1#0	22.64	22.84	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.49	22.69	33	PASS
				RB1#74	22.51	22.71	33	PASS
				RB38#0	21.53	21.73	33	PASS
				RB38#19	21.52	21.72	33	PASS
				RB38#39	21.51	21.71	33	PASS
				RB75#0	21.52	21.72	33	PASS
		20	LCH	RB1#0	22.06	22.26	33	PASS
				RB1#50	22.63	22.83	33	PASS
				RB1#99	22.06	22.26	33	PASS
				RB50#0	21.45	21.65	33	PASS
				RB50#25	21.41	21.61	33	PASS
				RB50#50	21.46	21.66	33	PASS
				RB100#0	21.41	21.61	33	PASS
			MCH	RB1#0	22.15	22.35	33	PASS
				RB1#50	22.7	22.9	33	PASS
				RB1#99	22.32	22.52	33	PASS
				RB50#0	21.48	21.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.5	21.7	33	PASS
				RB50#50	21.48	21.68	33	PASS
				RB100#0	21.5	21.7	33	PASS
			HCH	RB1#0	22.62	22.82	33	PASS
				RB1#50	22.76	22.96	33	PASS
				RB1#99	22.49	22.69	33	PASS
				RB50#0	21.59	21.79	33	PASS
				RB50#25	21.57	21.77	33	PASS
				RB50#50	21.52	21.72	33	PASS
				RB100#0	21.56	21.76	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.19	21.39	33	PASS
				RB1#3	21.29	21.49	33	PASS
				RB1#5	21.13	21.33	33	PASS
				RB3#0	21.3	21.5	33	PASS
				RB3#2	21.34	21.54	33	PASS
				RB3#3	21.3	21.5	33	PASS
				RB6#0	20.47	20.67	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.69	21.89	33	PASS
				RB1#3	21.53	21.73	33	PASS
				RB1#5	21.34	21.54	33	PASS
				RB3#0	21.38	21.58	33	PASS
				RB3#2	21.51	21.71	33	PASS
				RB3#3	21.37	21.57	33	PASS
				RB6#0	20.37	20.57	33	PASS
			HCH	RB1#0	21.34	21.54	33	PASS
				RB1#3	21.31	21.51	33	PASS
				RB1#5	21.38	21.58	33	PASS
				RB3#0	21.67	21.87	33	PASS
				RB3#2	21.64	21.84	33	PASS
				RB3#3	21.58	21.78	33	PASS
				RB6#0	20.29	20.49	33	PASS
		3	LCH	RB1#0	21.72	21.92	33	PASS
				RB1#7	21.5	21.7	33	PASS
				RB1#14	21.36	21.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.41	20.61	33	PASS
				RB8#4	20.67	20.87	33	PASS
				RB8#7	20.46	20.66	33	PASS
				RB15#0	20.36	20.56	33	PASS
			MCH	RB1#0	21.37	21.57	33	PASS
				RB1#7	21.49	21.69	33	PASS
				RB1#14	21.03	21.23	33	PASS
				RB8#0	20.34	20.54	33	PASS
				RB8#4	20.39	20.59	33	PASS
				RB8#7	20.31	20.51	33	PASS
				RB15#0	20.31	20.51	33	PASS
			HCH	RB1#0	21.55	21.75	33	PASS
				RB1#7	21.43	21.63	33	PASS
				RB1#14	20.86	21.06	33	PASS
				RB8#0	20.46	20.66	33	PASS
				RB8#4	20.45	20.65	33	PASS
				RB8#7	20.53	20.73	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB15#0	20.61	20.81	33	PASS
				RB1#0	21.07	21.27	33	PASS
				RB1#13	20.92	21.12	33	PASS
				RB1#24	21.16	21.36	33	PASS
				RB12#0	20.32	20.52	33	PASS
				RB12#6	20.3	20.5	33	PASS
				RB12#13	20.33	20.53	33	PASS
				RB25#0	20.38	20.58	33	PASS
			MCH	RB1#0	20.88	21.08	33	PASS
				RB1#13	20.99	21.19	33	PASS
				RB1#24	20.79	20.99	33	PASS
				RB12#0	20.38	20.58	33	PASS
				RB12#6	20.44	20.64	33	PASS
				RB12#13	20.56	20.76	33	PASS
				RB25#0	20.64	20.84	33	PASS
			HCH	RB1#0	21.43	21.63	33	PASS
				RB1#13	21.42	21.62	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.1	21.3	33	PASS
				RB12#0	20.45	20.65	33	PASS
				RB12#6	20.53	20.73	33	PASS
				RB12#13	20.52	20.72	33	PASS
				RB25#0	20.47	20.67	33	PASS
		10	LCH	RB1#0	21.52	21.72	33	PASS
				RB1#25	21.94	22.14	33	PASS
				RB1#49	21.45	21.65	33	PASS
				RB25#0	20.55	20.75	33	PASS
				RB25#13	20.86	21.06	33	PASS
				RB25#25	20.86	21.06	33	PASS
				RB50#0	20.58	20.78	33	PASS
			MCH	RB1#0	21.32	21.52	33	PASS
				RB1#25	21.87	22.07	33	PASS
				RB1#49	21.4	21.6	33	PASS
				RB25#0	20.59	20.79	33	PASS
				RB25#13	20.6	20.8	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.59	20.79	33	PASS
				RB50#0	20.51	20.71	33	PASS
			HCH	RB1#0	21.05	21.25	33	PASS
				RB1#25	21.52	21.72	33	PASS
				RB1#49	21.04	21.24	33	PASS
				RB25#0	20.68	20.88	33	PASS
				RB25#13	20.75	20.95	33	PASS
				RB25#25	20.7	20.9	33	PASS
				RB50#0	20.54	20.74	33	PASS
		15	LCH	RB1#0	21.65	21.85	33	PASS
				RB1#38	21.67	21.87	33	PASS
				RB1#74	21.54	21.74	33	PASS
				RB38#0	20.51	20.71	33	PASS
				RB38#19	20.61	20.81	33	PASS
				RB38#39	20.51	20.71	33	PASS
				RB75#0	20.47	20.67	33	PASS
			MCH	RB1#0	21.17	21.37	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.35	21.55	33	PASS
				RB1#74	21.22	21.42	33	PASS
				RB38#0	20.57	20.77	33	PASS
				RB38#19	20.54	20.74	33	PASS
				RB38#39	20.4	20.6	33	PASS
				RB75#0	20.53	20.73	33	PASS
			HCH	RB1#0	21.35	21.55	33	PASS
				RB1#38	21.52	21.72	33	PASS
				RB1#74	21.01	21.21	33	PASS
				RB38#0	20.52	20.72	33	PASS
				RB38#19	20.68	20.88	33	PASS
				RB38#39	20.56	20.76	33	PASS
				RB75#0	20.58	20.78	33	PASS
		20	LCH	RB1#0	21.57	21.77	33	PASS
				RB1#50	22.05	22.25	33	PASS
				RB1#99	21.35	21.55	33	PASS
				RB50#0	20.57	20.77	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.56	20.76	33	PASS
				RB50#50	20.5	20.7	33	PASS
				RB100#0	20.48	20.68	33	PASS
			MCH	RB1#0	21.07	21.27	33	PASS
				RB1#50	21.79	21.99	33	PASS
				RB1#99	21.19	21.39	33	PASS
				RB50#0	20.6	20.8	33	PASS
				RB50#25	20.54	20.74	33	PASS
				RB50#50	20.53	20.73	33	PASS
				RB100#0	20.55	20.75	33	PASS
			HCH	RB1#0	21.42	21.62	33	PASS
				RB1#50	22.14	22.34	33	PASS
				RB1#99	21.7	21.9	33	PASS
				RB50#0	20.61	20.81	33	PASS
				RB50#25	20.77	20.97	33	PASS
				RB50#50	20.73	20.93	33	PASS
				RB100#0	20.6	20.8	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:

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	3.47	13	PASS
				RB1#3	3.45	13	PASS
				RB1#5	3.45	13	PASS
				RB3#0	3.89	13	PASS
				RB3#2	3.84	13	PASS
				RB3#3	3.83	13	PASS
				RB6#0	5.08	13	PASS
			MCH	RB1#0	3.58	13	PASS
				RB1#3	3.45	13	PASS
				RB1#5	3.52	13	PASS
				RB3#0	3.84	13	PASS
				RB3#2	3.76	13	PASS
				RB3#3	3.84	13	PASS
				RB6#0	4.86	13	PASS
			HCH	RB1#0	3.32	13	PASS
				RB1#3	3.09	13	PASS
				RB1#5	3.19	13	PASS
				RB3#0	3.57	13	PASS
				RB3#2	3.39	13	PASS
				RB3#3	3.59	13	PASS
				RB6#0	4.72	13	PASS
		3	LCH	RB1#0	3.57	13	PASS
				RB1#7	3.35	13	PASS
				RB1#14	3.58	13	PASS
				RB8#0	4.48	13	PASS
				RB8#4	4.42	13	PASS
				RB8#7	4.55	13	PASS
				RB15#0	4.98	13	PASS
			MCH	RB1#0	3.57	13	PASS
				RB1#7	3.4	13	PASS
				RB1#14	3.48	13	PASS
				RB8#0	4.52	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	4.34	13	PASS
				RB8#7	4.54	13	PASS
				RB15#0	5.22	13	PASS
			HCH	RB1#0	3.41	13	PASS
				RB1#7	3.21	13	PASS
				RB1#14	3.2	13	PASS
				RB8#0	4.39	13	PASS
				RB8#4	4.19	13	PASS
				RB8#7	4.15	13	PASS
				RB15#0	4.93	13	PASS
		5	LCH	RB1#0	3.48	13	PASS
				RB1#13	3.34	13	PASS
				RB1#24	3.44	13	PASS
				RB12#0	4.44	13	PASS
				RB12#6	4.41	13	PASS
				RB12#13	4.45	13	PASS
				RB25#0	4.87	13	PASS
			MCH	RB1#0	3.52	13	PASS
				RB1#13	3.35	13	PASS
				RB1#24	3.41	13	PASS
				RB12#0	4.47	13	PASS
				RB12#6	4.31	13	PASS
				RB12#13	4.36	13	PASS
				RB25#0	5.05	13	PASS
			HCH	RB1#0	3.53	13	PASS
				RB1#13	3.44	13	PASS
				RB1#24	3.35	13	PASS
				RB12#0	4.48	13	PASS
				RB12#6	4.33	13	PASS
				RB12#13	4.36	13	PASS
				RB25#0	5.02	13	PASS
		10	LCH	RB1#0	3.45	13	PASS
				RB1#25	3.49	13	PASS
				RB1#49	3.49	13	PASS
				RB25#0	4.53	13	PASS
				RB25#13	4.47	13	PASS
				RB25#25	4.55	13	PASS
				RB50#0	5.66	13	PASS
			MCH	RB1#0	3.63	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	3.44	13	PASS
				RB1#49	3.44	13	PASS
				RB25#0	4.55	13	PASS
				RB25#13	4.48	13	PASS
				RB25#25	4.44	13	PASS
				RB50#0	4.89	13	PASS
			HCH	RB1#0	3.31	13	PASS
				RB1#25	3.43	13	PASS
				RB1#49	3.09	13	PASS
				RB25#0	4.5	13	PASS
				RB25#13	4.43	13	PASS
				RB25#25	4.42	13	PASS
				RB50#0	5.26	13	PASS
		15	LCH	RB1#0	3.44	13	PASS
				RB1#38	3.56	13	PASS
				RB1#74	3.61	13	PASS
				RB38#0	4.6	13	PASS
				RB38#19	4.63	13	PASS
				RB38#39	4.66	13	PASS
			MCH	RB75#0	5.44	13	PASS
				RB1#0	3.6	13	PASS
				RB1#38	3.42	13	PASS
				RB1#74	3.29	13	PASS
				RB38#0	4.56	13	PASS
				RB38#19	4.4	13	PASS
				RB38#39	4.43	13	PASS
				RB75#0	5.24	13	PASS
		20	HCH	RB1#0	3.26	13	PASS
				RB1#38	3.49	13	PASS
				RB1#74	3.15	13	PASS
				RB38#0	4.45	13	PASS
				RB38#19	4.38	13	PASS
				RB38#39	4.48	13	PASS
			LCH	RB75#0	5.22	13	PASS
				RB1#0	3.54	13	PASS
				RB1#50	3.64	13	PASS
				RB1#99	3.68	13	PASS
				RB50#0	4.7	13	PASS
				RB50#25	4.7	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#50	4.78	13	PASS
				RB100#0	5.13	13	PASS
			MCH	RB1#0	3.68	13	PASS
				RB1#50	3.41	13	PASS
				RB1#99	3.33	13	PASS
				RB50#0	4.68	13	PASS
				RB50#25	4.48	13	PASS
				RB50#50	4.44	13	PASS
				RB100#0	5.01	13	PASS
			HCH	RB1#0	3.19	13	PASS
				RB1#50	3.33	13	PASS
				RB1#99	3.22	13	PASS
				RB50#0	4.41	13	PASS
				RB50#25	4.38	13	PASS
				RB50#50	4.53	13	PASS
				RB100#0	5.26	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.37	13	PASS
				RB1#3	4.37	13	PASS
				RB1#5	4.4	13	PASS
				RB3#0	4.68	13	PASS
				RB3#2	4.52	13	PASS
				RB3#3	4.61	13	PASS
				RB6#0	5.41	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#3	4.4	13	PASS
				RB1#5	4.41	13	PASS
				RB3#0	4.59	13	PASS
				RB3#2	4.46	13	PASS
				RB3#3	4.55	13	PASS
				RB6#0	5.58	13	PASS
			HCH	RB1#0	4.08	13	PASS
				RB1#3	4.03	13	PASS
				RB1#5	4	13	PASS
				RB3#0	4.44	13	PASS
				RB3#2	4.19	13	PASS
				RB3#3	4.27	13	PASS
				RB6#0	5.74	13	PASS
		3	LCH	RB1#0	4.22	13	PASS
				RB1#7	4.16	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.29	13	PASS
				RB8#0	5.23	13	PASS
				RB8#4	5.18	13	PASS
				RB8#7	5.32	13	PASS
				RB15#0	6.02	13	PASS
			MCH	RB1#0	4.28	13	PASS
				RB1#7	4.29	13	PASS
				RB1#14	4.38	13	PASS
				RB8#0	5.3	13	PASS
				RB8#4	5.17	13	PASS
				RB8#7	5.18	13	PASS
				RB15#0	5.85	13	PASS
			HCH	RB1#0	4.38	13	PASS
				RB1#7	4.06	13	PASS
				RB1#14	4.15	13	PASS
				RB8#0	5.41	13	PASS
				RB8#4	5.36	13	PASS
				RB8#7	5.24	13	PASS
				RB15#0	5.73	13	PASS
		5	LCH	RB1#0	4.45	13	PASS
				RB1#13	4.42	13	PASS
				RB1#24	4.48	13	PASS
				RB12#0	5.33	13	PASS
				RB12#6	5.32	13	PASS
				RB12#13	5.34	13	PASS
				RB25#0	5.77	13	PASS
			MCH	RB1#0	4.48	13	PASS
				RB1#13	4.38	13	PASS
				RB1#24	4.41	13	PASS
				RB12#0	5.31	13	PASS
				RB12#6	5.18	13	PASS
				RB12#13	5.26	13	PASS
				RB25#0	6.05	13	PASS
			HCH	RB1#0	4.12	13	PASS
				RB1#13	3.98	13	PASS
				RB1#24	3.91	13	PASS
				RB12#0	5.32	13	PASS
				RB12#6	5.19	13	PASS
				RB12#13	5.15	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	5.84	13	PASS
				RB1#0	4.63	13	PASS
				RB1#25	4.51	13	PASS
				RB1#49	4.69	13	PASS
				RB25#0	5.52	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.58	13	PASS
				RB50#0	6.08	13	PASS
			MCH	RB1#0	4.54	13	PASS
				RB1#25	4.41	13	PASS
				RB1#49	4.45	13	PASS
				RB25#0	5.33	13	PASS
				RB25#13	5.22	13	PASS
				RB25#25	5.22	13	PASS
				RB50#0	5.83	13	PASS
			HCH	RB1#0	4.26	13	PASS
				RB1#25	4.25	13	PASS
				RB1#49	4.13	13	PASS
				RB25#0	5.37	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.31	13	PASS
				RB50#0	5.96	13	PASS
		15	LCH	RB1#0	4.54	13	PASS
				RB1#38	4.57	13	PASS
				RB1#74	4.71	13	PASS
				RB38#0	5.59	13	PASS
				RB38#19	5.44	13	PASS
				RB38#39	5.6	13	PASS
				RB75#0	6.15	13	PASS
			MCH	RB1#0	4.25	13	PASS
				RB1#38	4.07	13	PASS
				RB1#74	3.96	13	PASS
				RB38#0	5.56	13	PASS
				RB38#19	5.36	13	PASS
				RB38#39	5.33	13	PASS
				RB75#0	5.95	13	PASS
			HCH	RB1#0	4.07	13	PASS
				RB1#38	4.23	13	PASS
				RB1#74	3.89	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#0	5.28	13	PASS
				RB38#19	5.31	13	PASS
				RB38#39	5.4	13	PASS
				RB75#0	6	13	PASS
		20	LCH	RB1#0	4.13	13	PASS
				RB1#50	4.1	13	PASS
				RB1#99	4.17	13	PASS
				RB50#0	5.6	13	PASS
				RB50#25	5.47	13	PASS
				RB50#50	5.58	13	PASS
				RB100#0	6.44	13	PASS
			MCH	RB1#0	4.36	13	PASS
				RB1#50	4.21	13	PASS
				RB1#99	4.04	13	PASS
				RB50#0	5.56	13	PASS
				RB50#25	5.35	13	PASS
				RB50#50	5.34	13	PASS
				RB100#0	5.9	13	PASS
			HCH	RB1#0	4.1	13	PASS
				RB1#50	4.15	13	PASS
				RB1#99	4.14	13	PASS
				RB50#0	5.32	13	PASS
				RB50#25	5.24	13	PASS
				RB50#50	5.46	13	PASS
				RB100#0	6.31	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

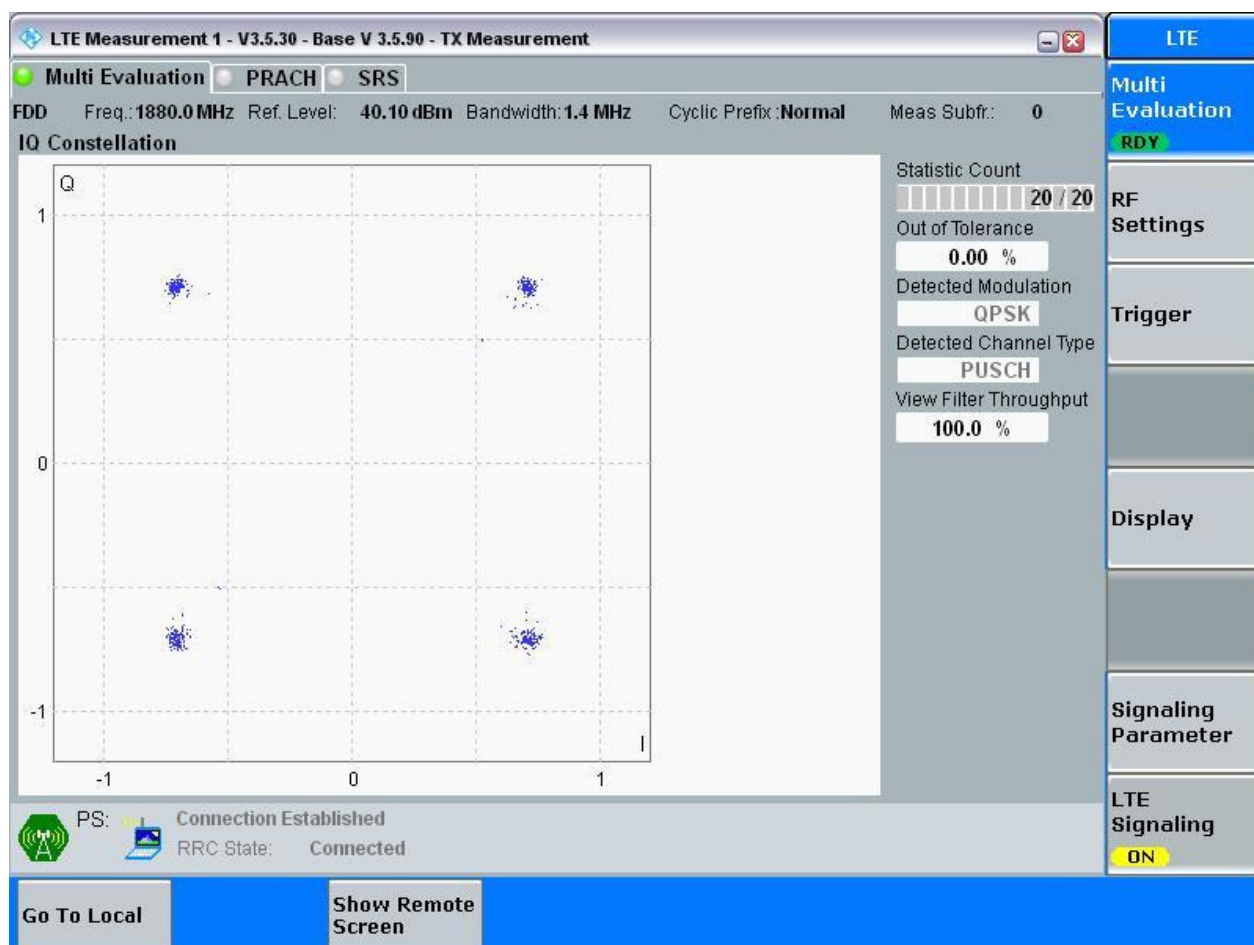
3.1.1 Test Band = BAND2

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

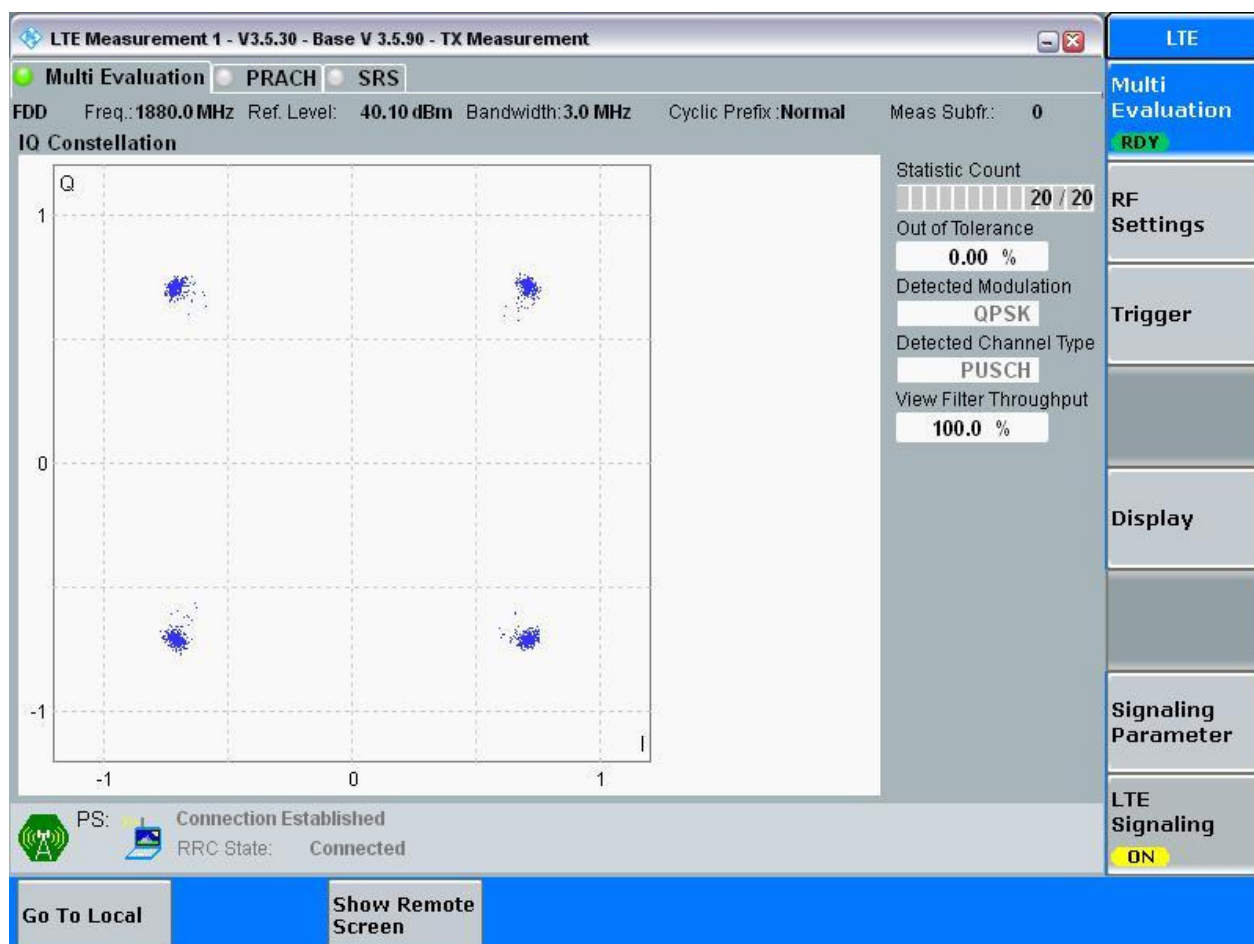
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

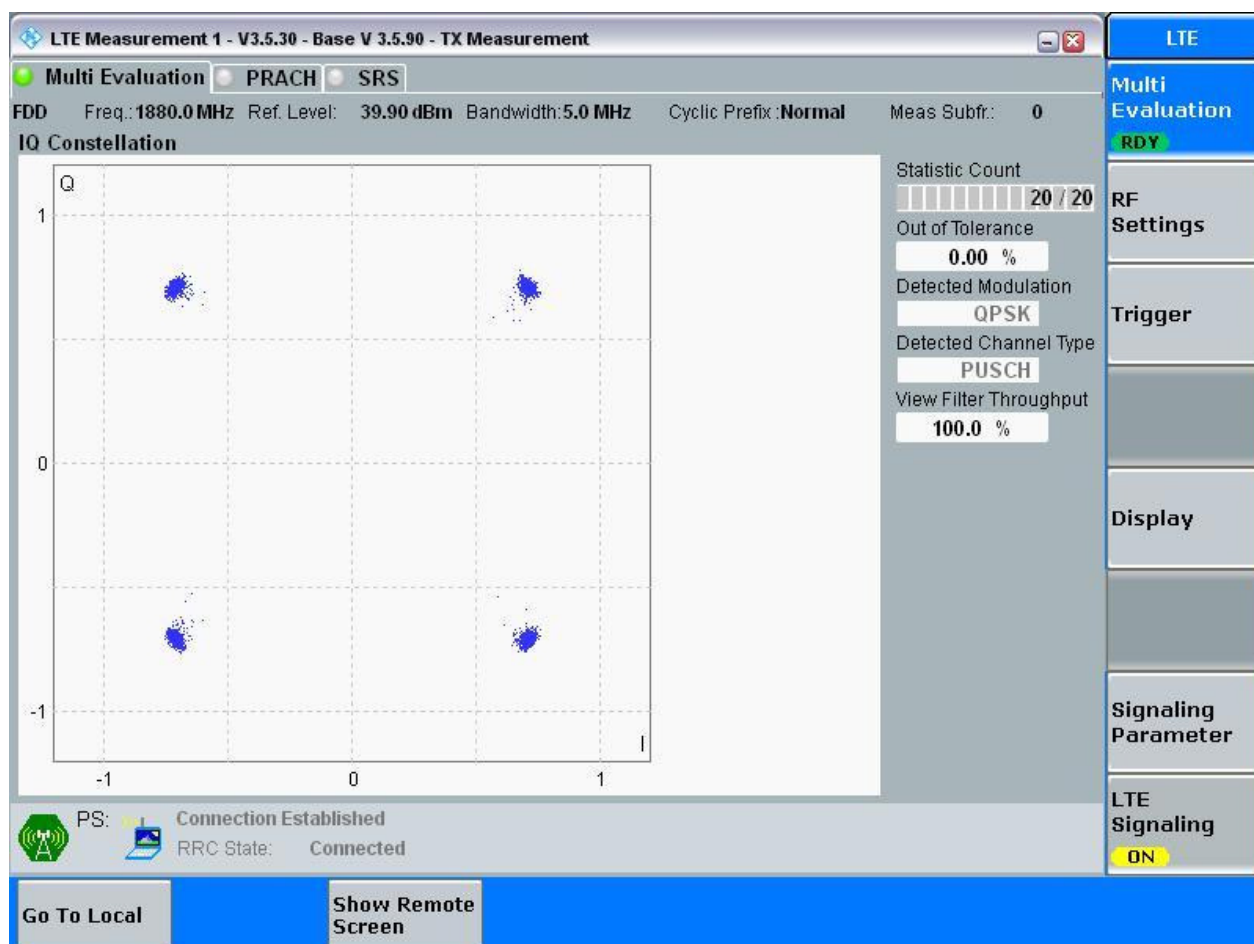
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

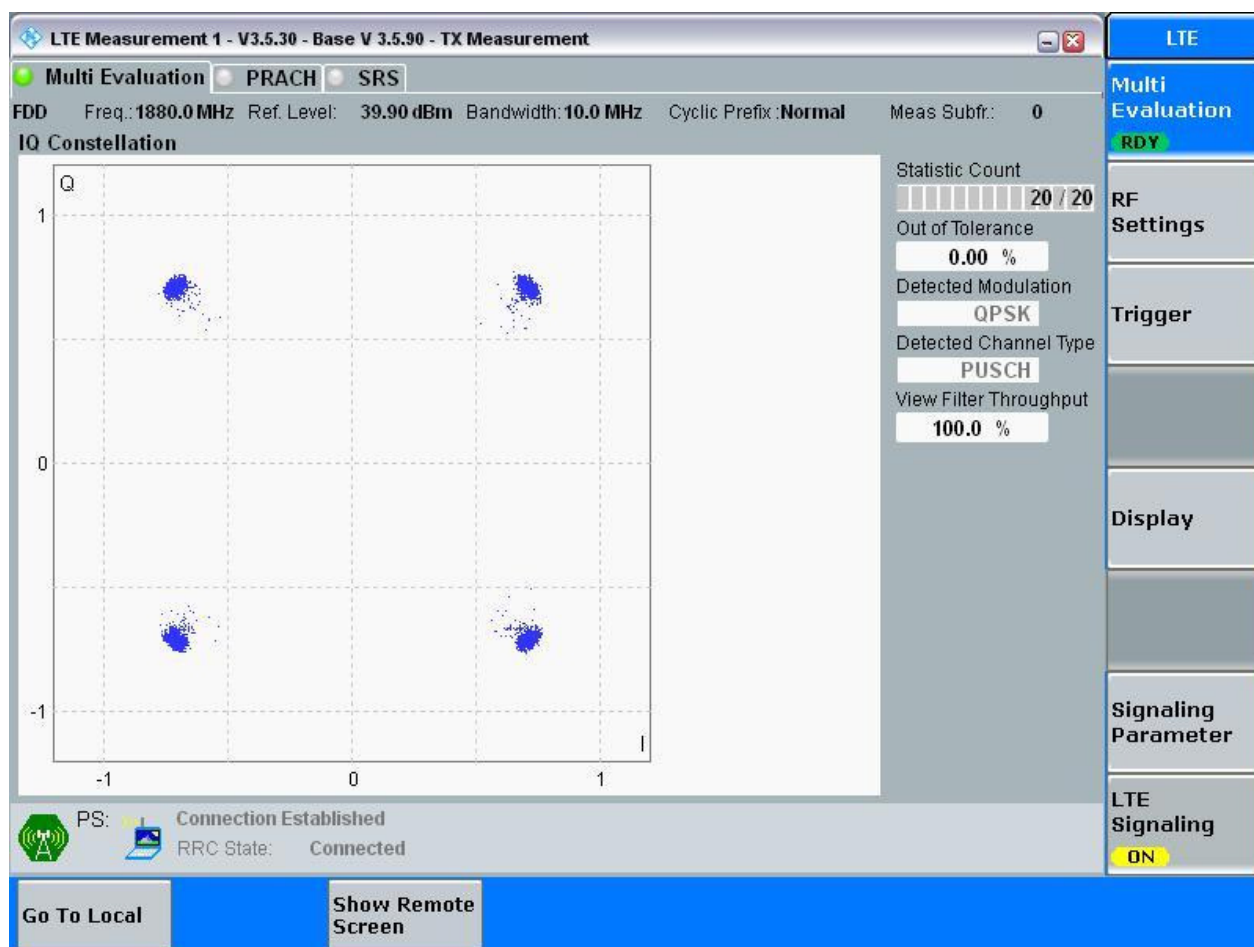
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

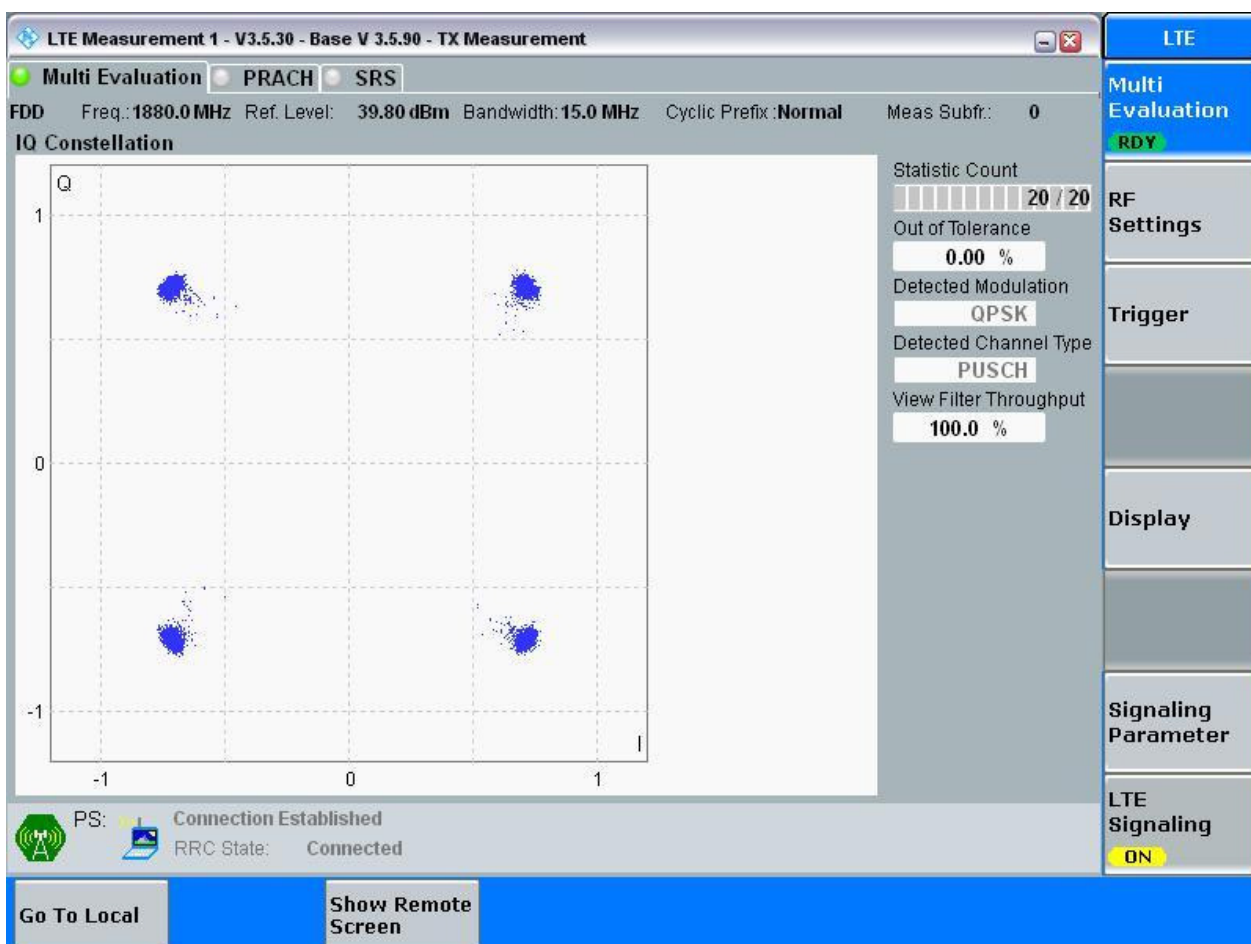
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

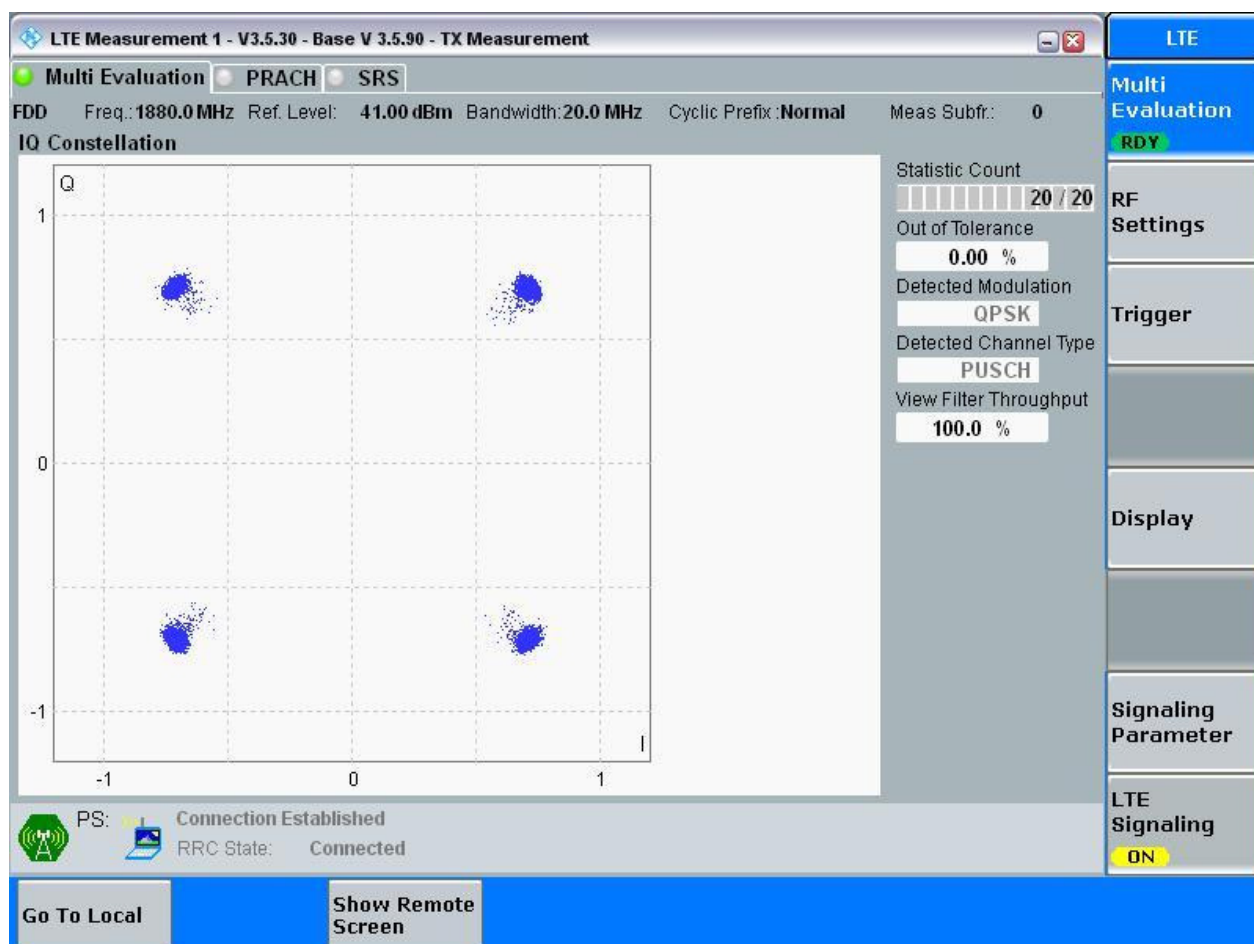
3.1.1.1.5.1.1 Test RB = RB75#0



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

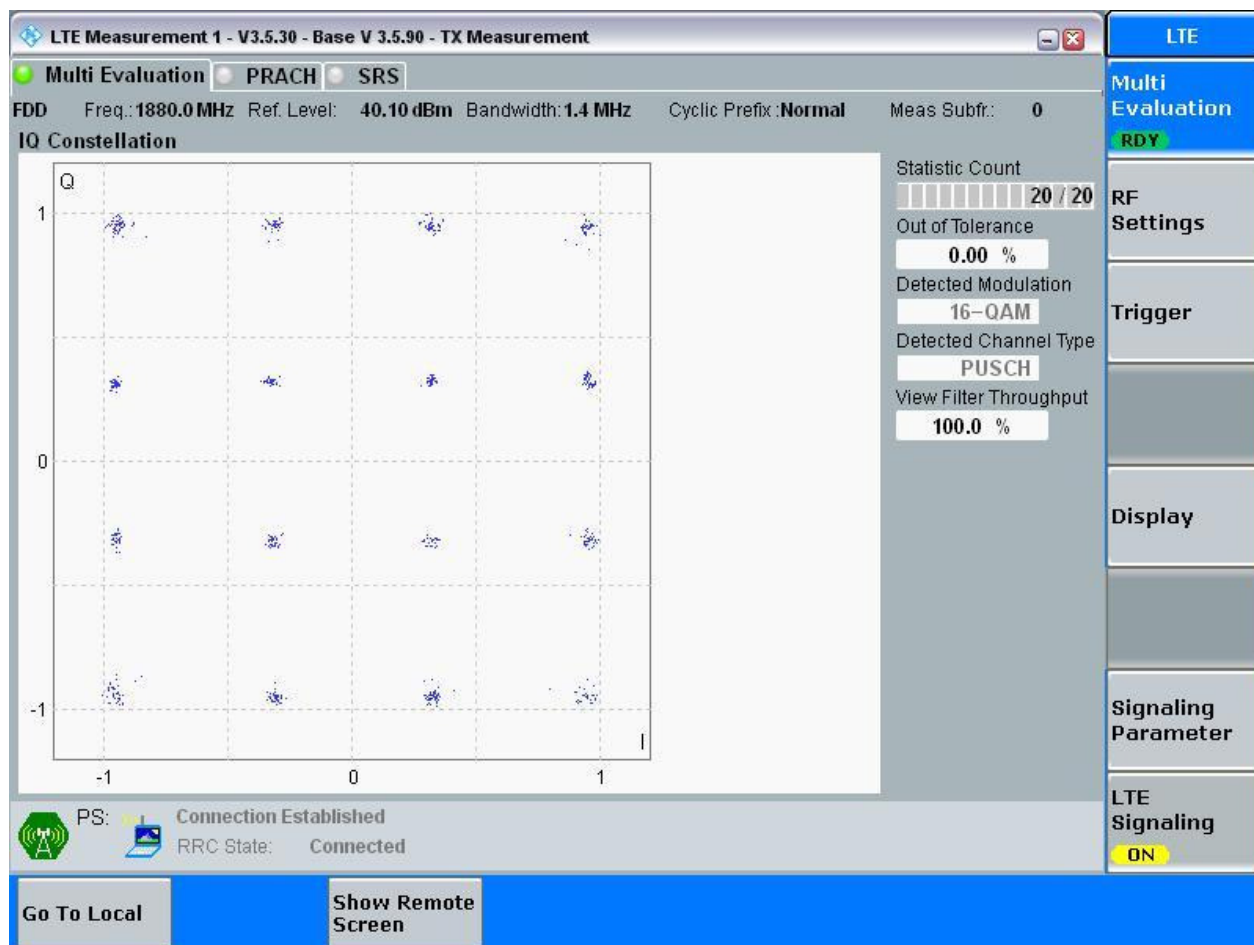


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

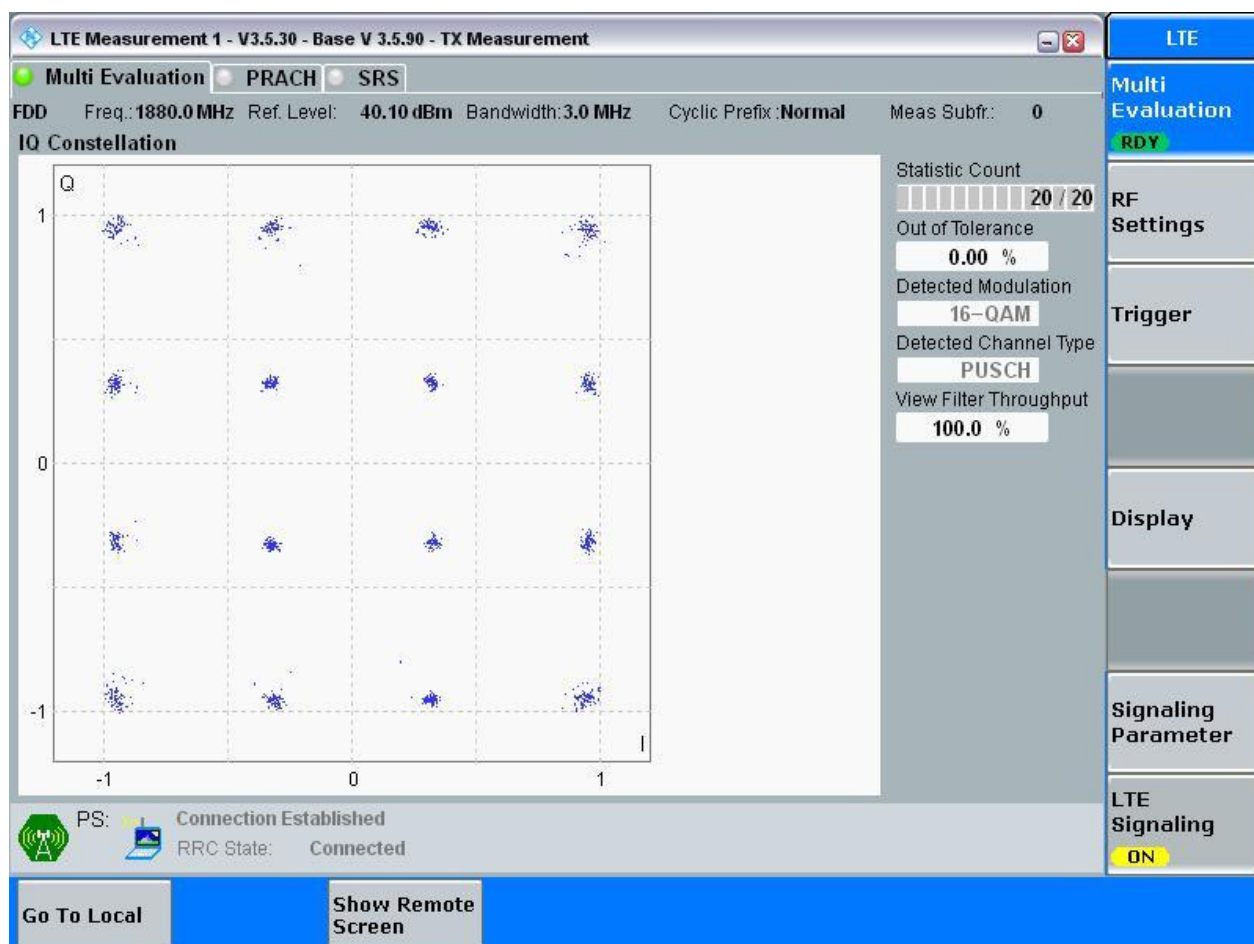
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

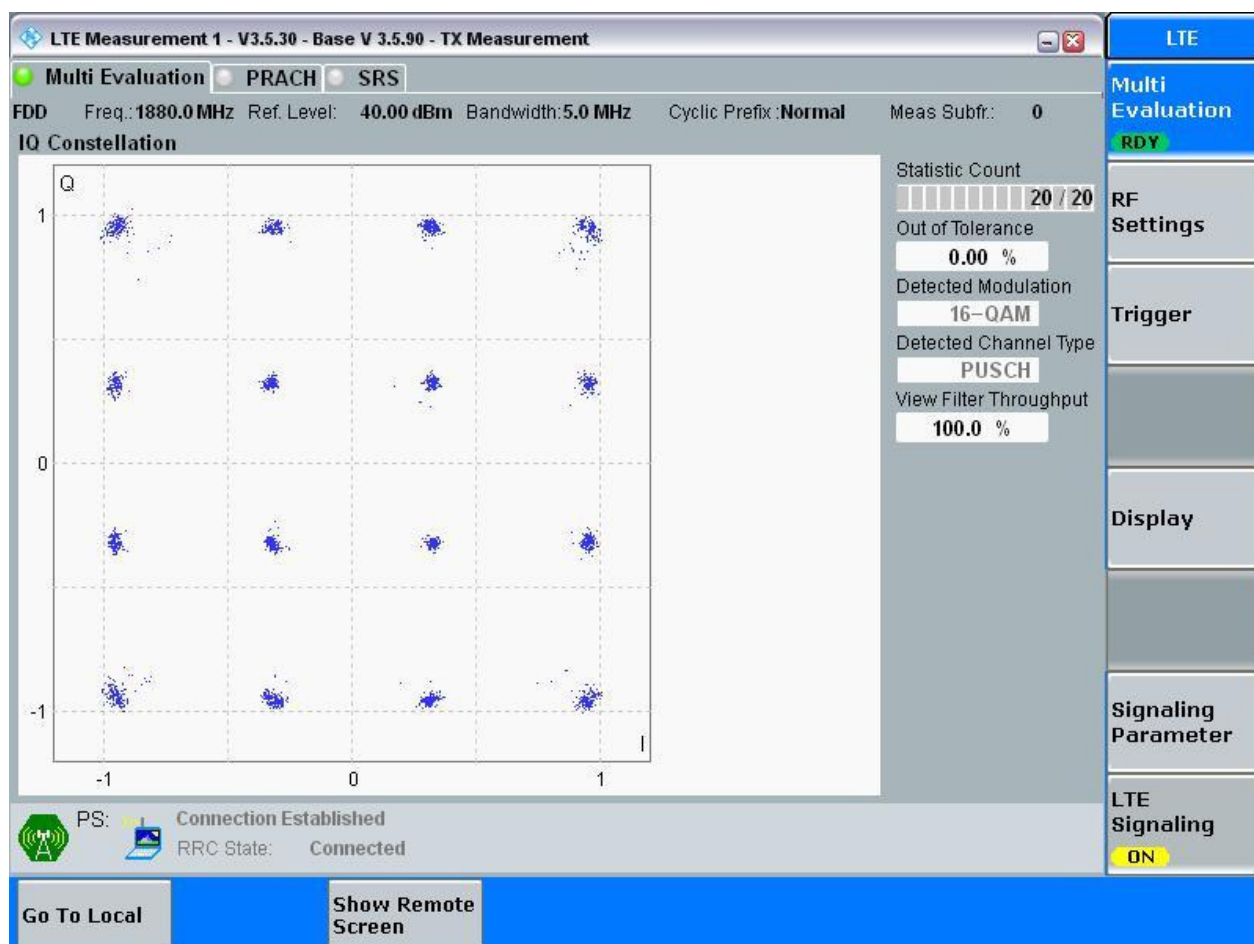
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

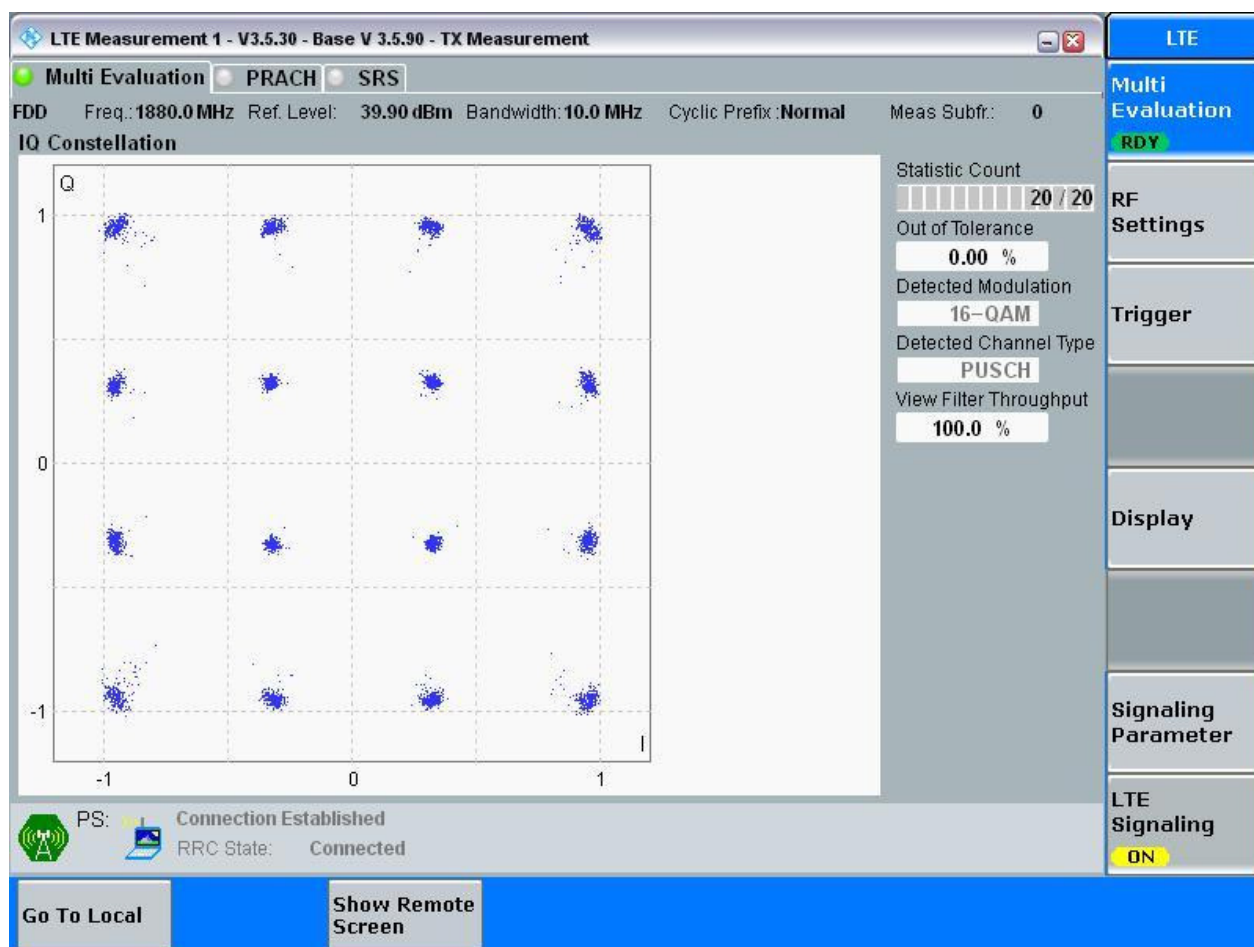
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

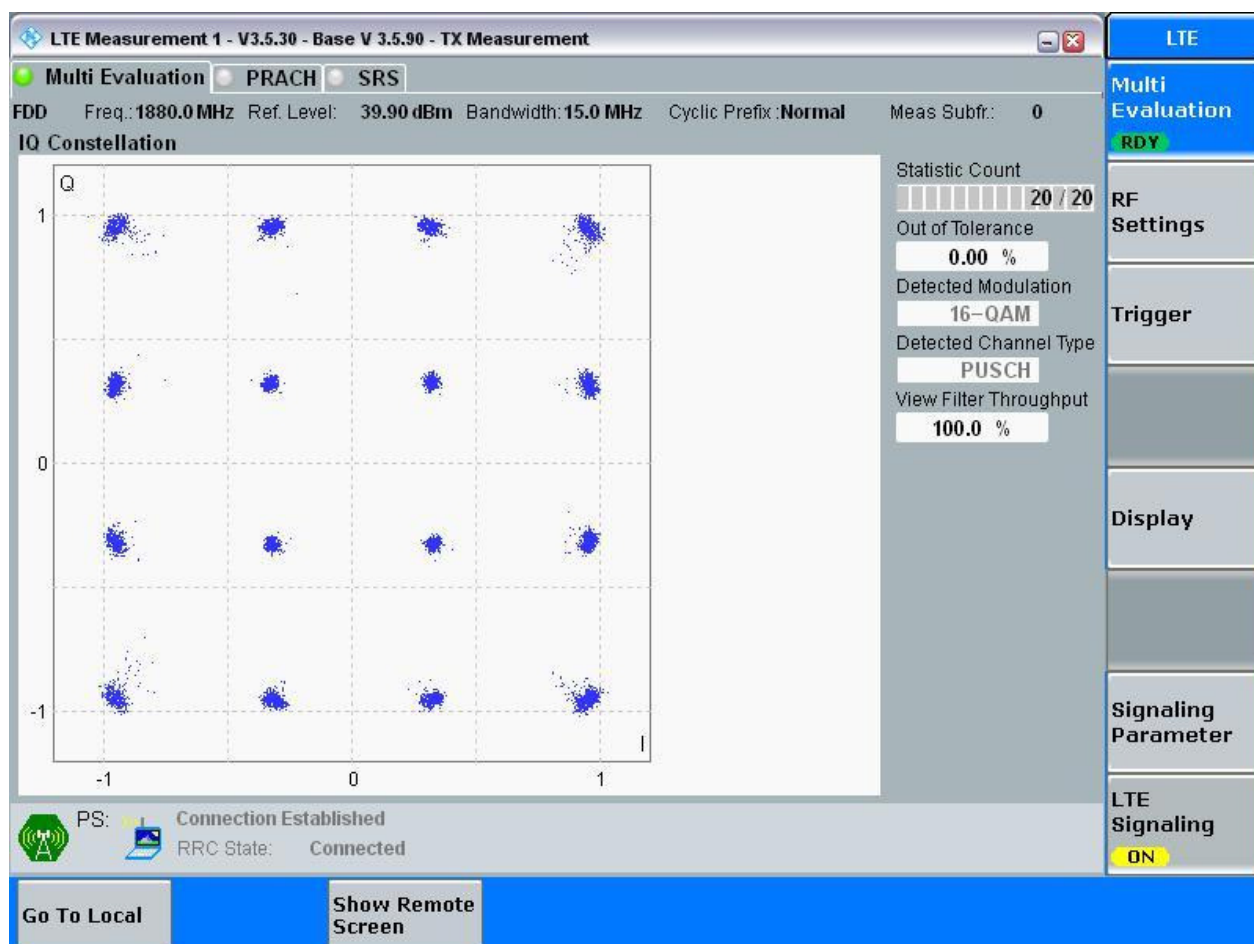
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

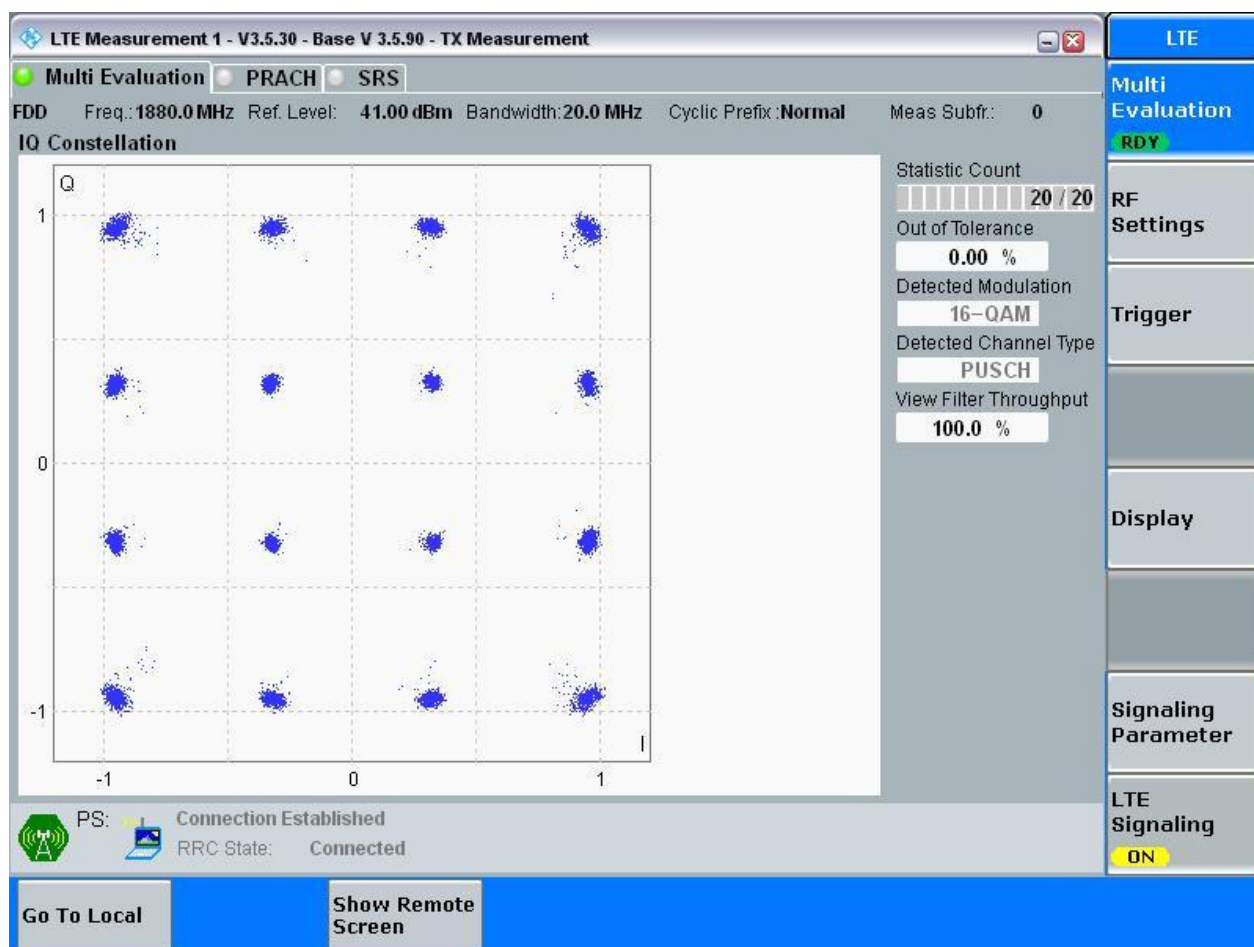
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.30	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.70	3.00	Pass
		5	LCH	RB25#0	4.51	5.00	Pass
			MCH	RB25#0	4.49	5.01	Pass
			HCH	RB25#0	4.50	5.01	Pass
		10	LCH	RB50#0	8.99	9.93	Pass
			MCH	RB50#0	8.96	9.93	Pass
			HCH	RB50#0	8.98	9.84	Pass
		15	LCH	RB75#0	13.45	14.75	Pass
			MCH	RB75#0	13.44	14.73	Pass
			HCH	RB75#0	13.45	14.74	Pass
		20	LCH	RB100#0	17.93	19.40	Pass
			MCH	RB100#0	17.91	19.60	Pass
			HCH	RB100#0	17.94	19.48	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.33	Pass
			MCH	RB6#0	1.09	1.31	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.70	3.02	Pass
			MCH	RB15#0	2.70	3.00	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.50	5.01	Pass
			MCH	RB25#0	4.49	4.99	Pass
			HCH	RB25#0	4.50	4.99	Pass
		10	LCH	RB50#0	8.98	9.97	Pass
			MCH	RB50#0	8.99	9.91	Pass
			HCH	RB50#0	8.97	9.95	Pass
		15	LCH	RB75#0	13.44	14.76	Pass
			MCH	RB75#0	13.40	14.72	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.44	14.77	Pass
		20	LCH	RB100#0	17.90	19.50	Pass
			MCH	RB100#0	17.87	19.51	Pass
			HCH	RB100#0	17.91	19.53	Pass



Part II - Test Plots

4.1 For LTE

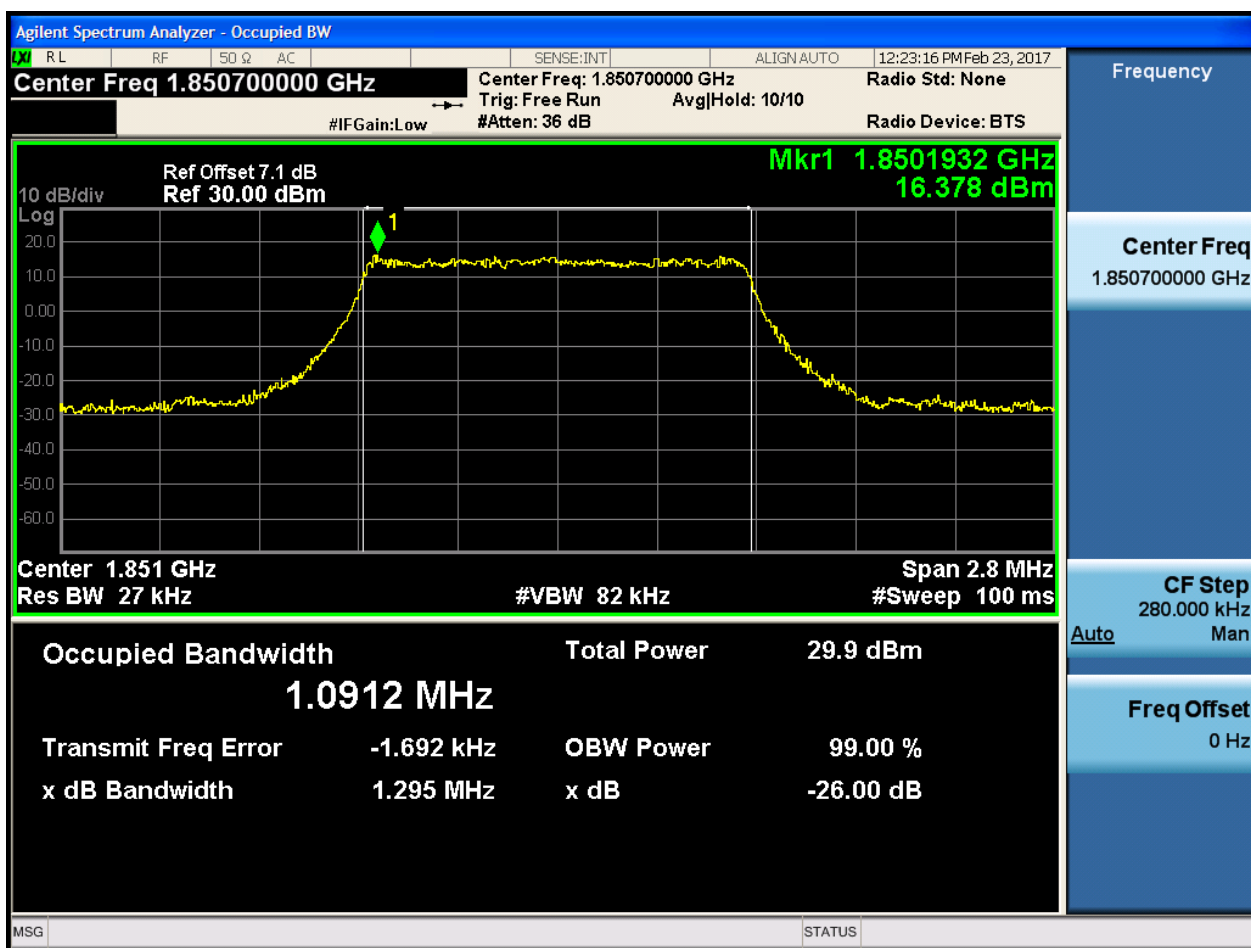
4.1.1 Test Band = BAND2

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

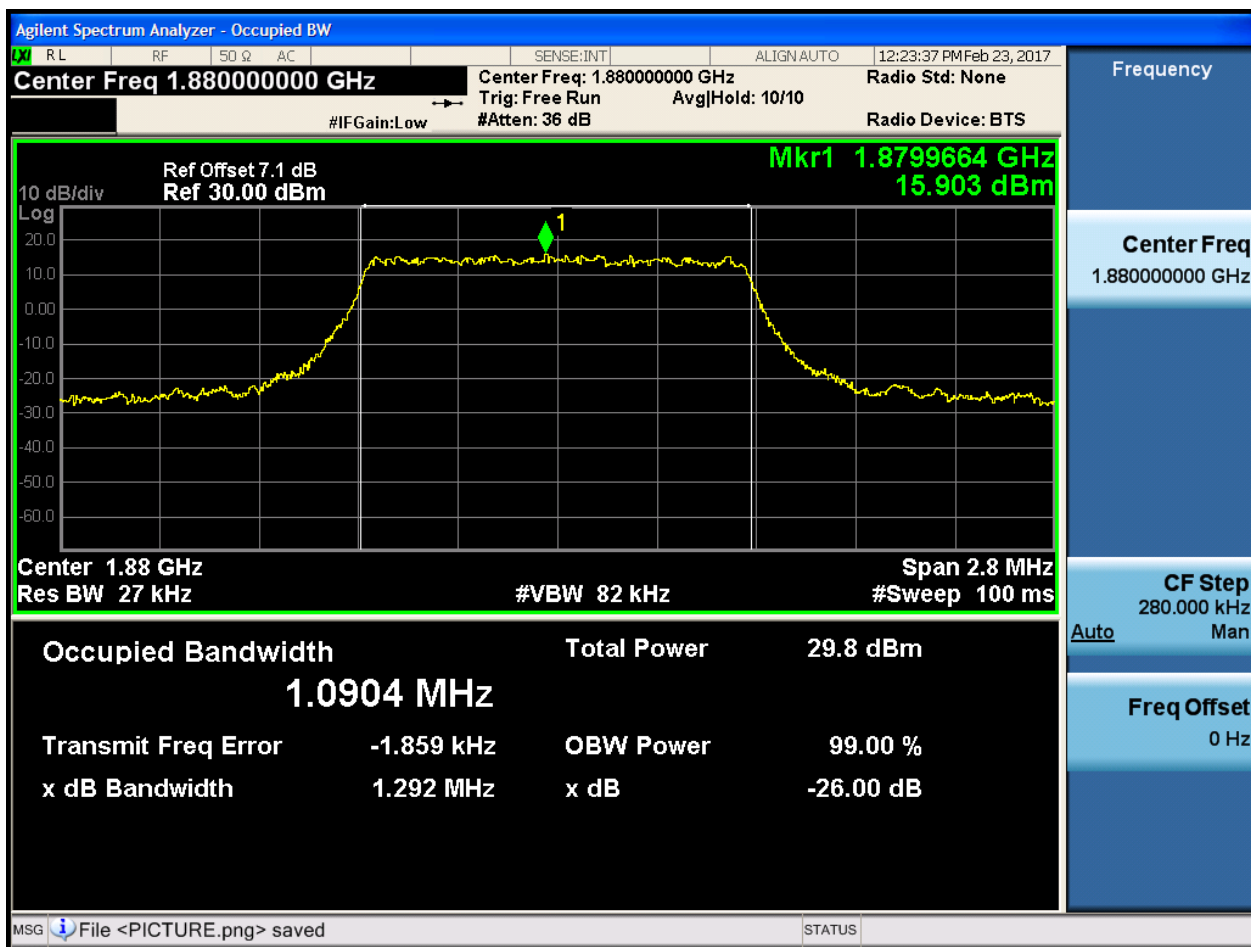
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

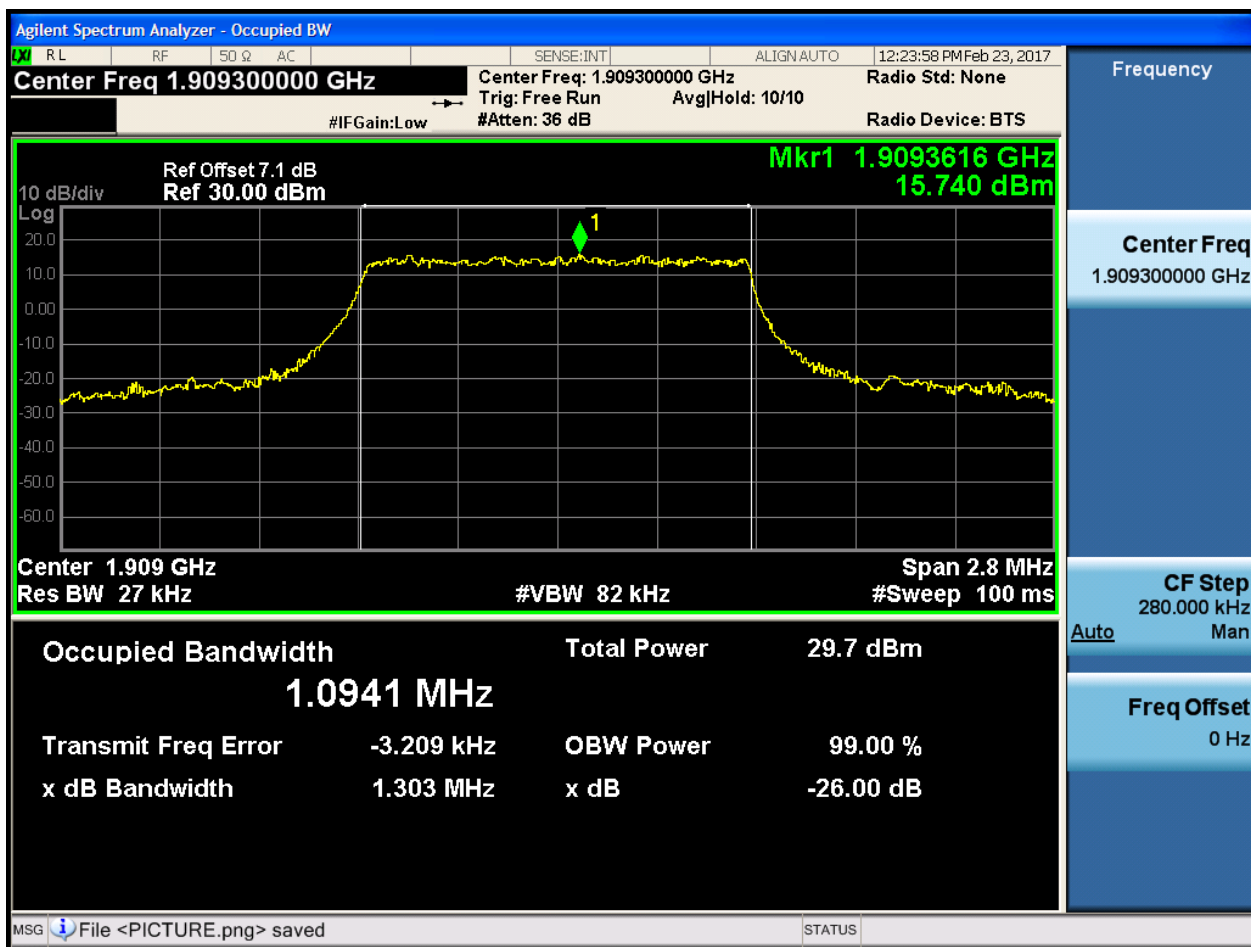
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

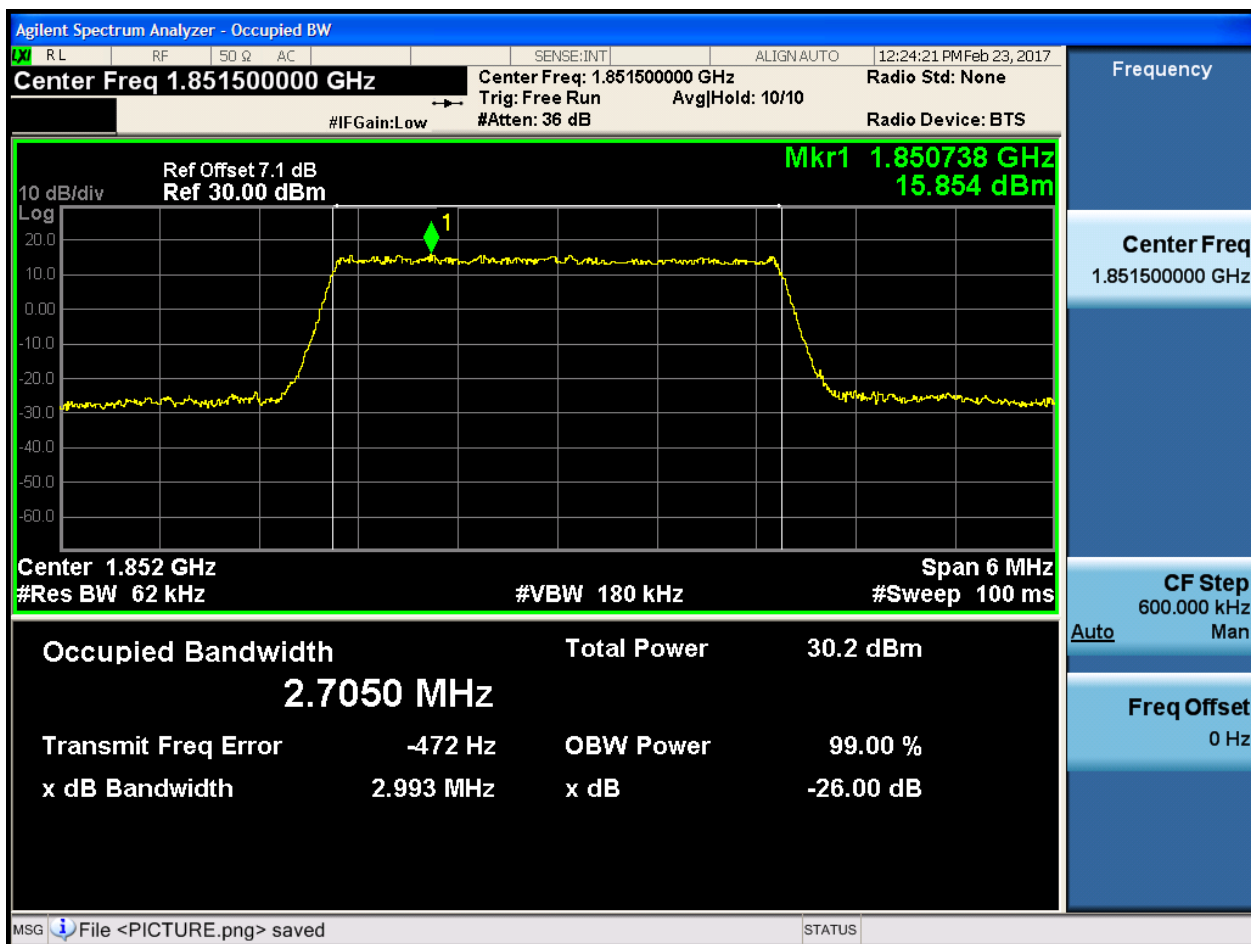




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

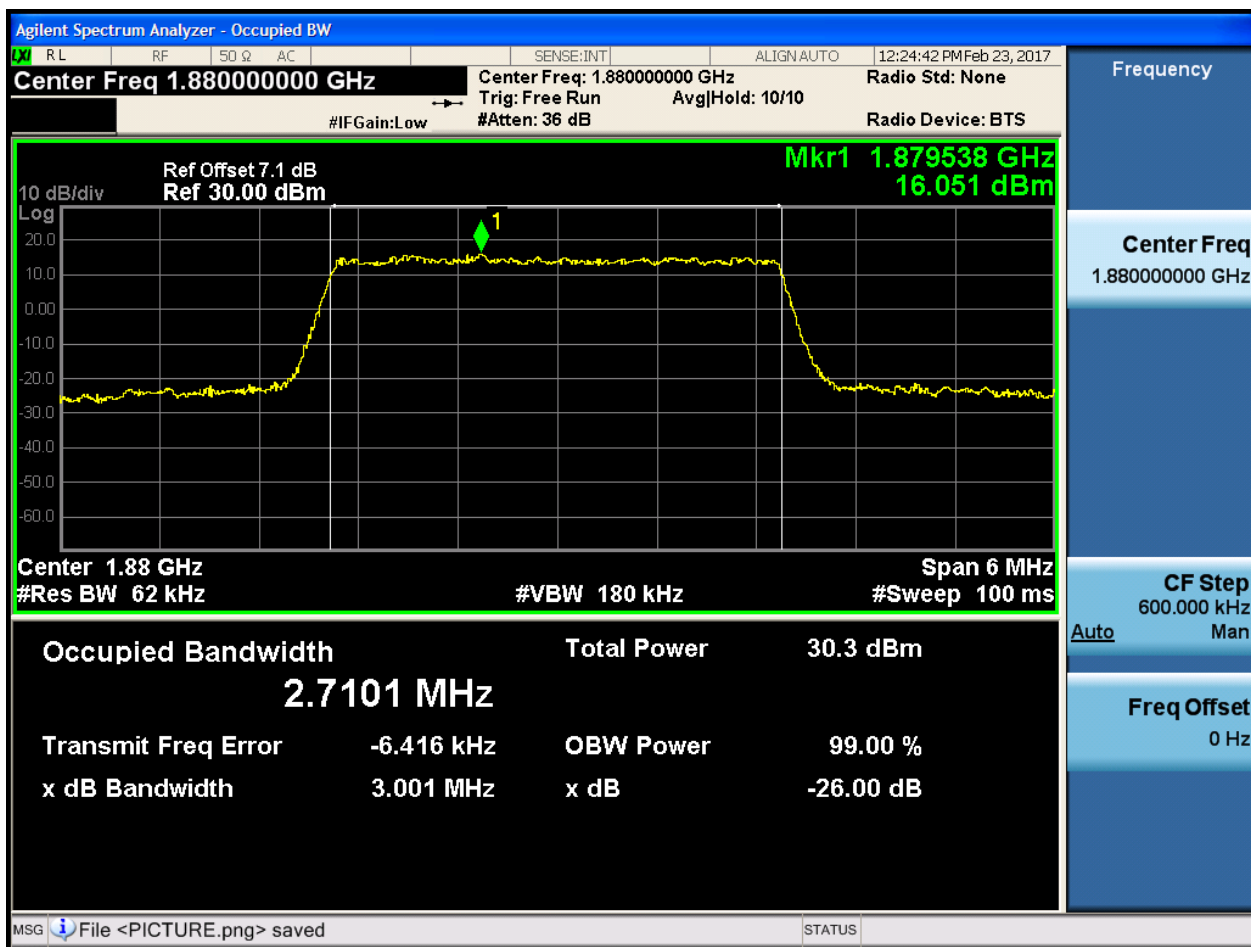
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

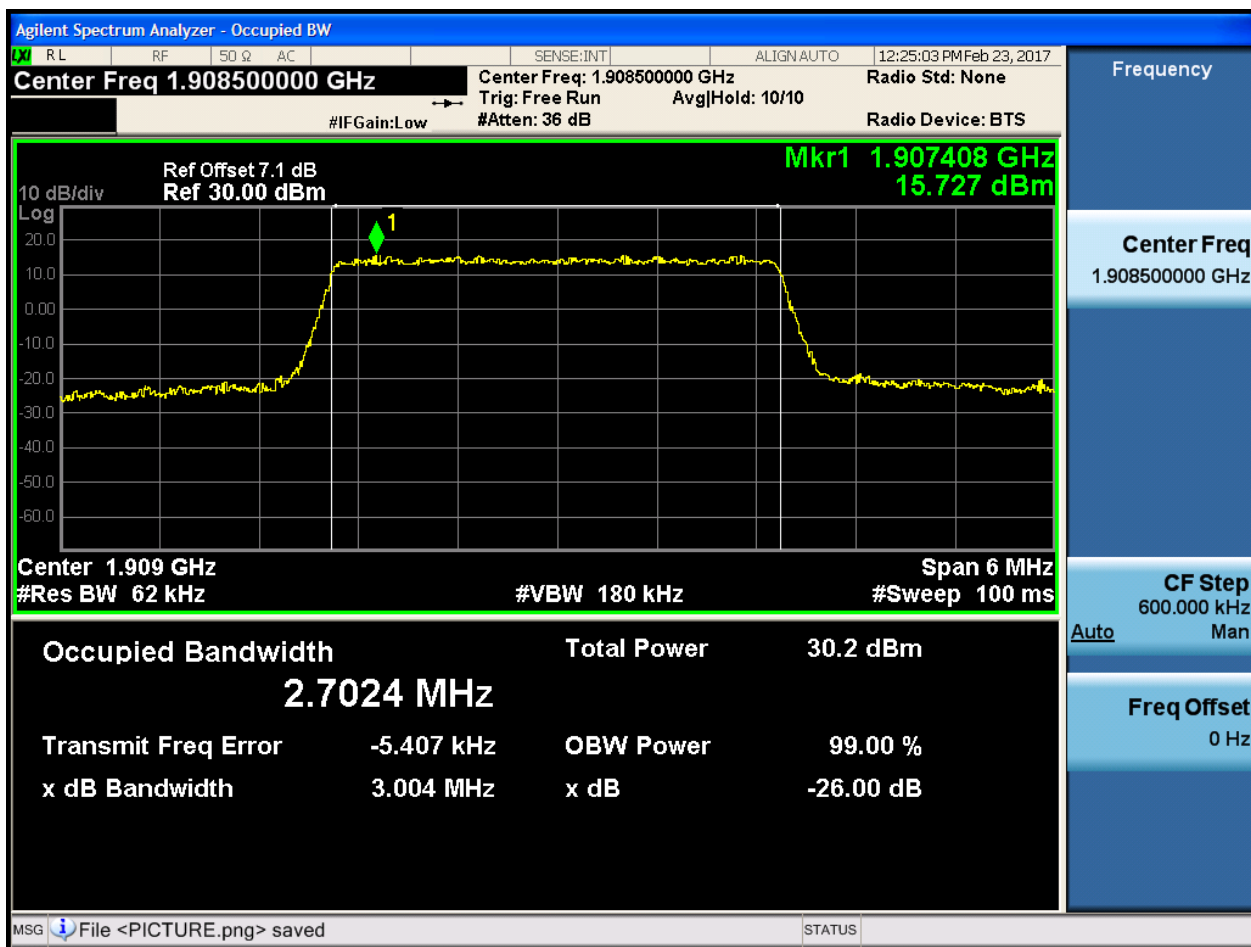
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

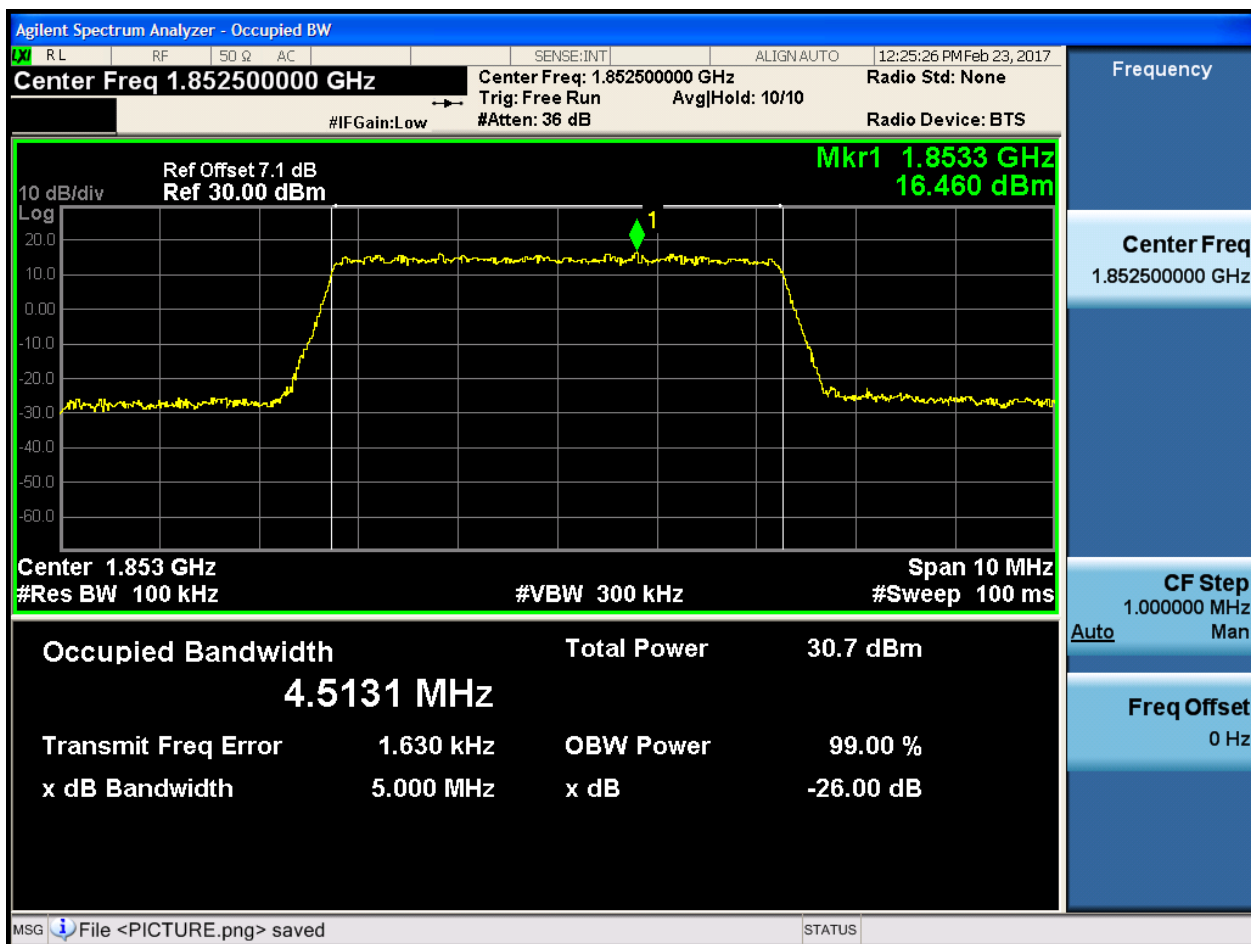




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

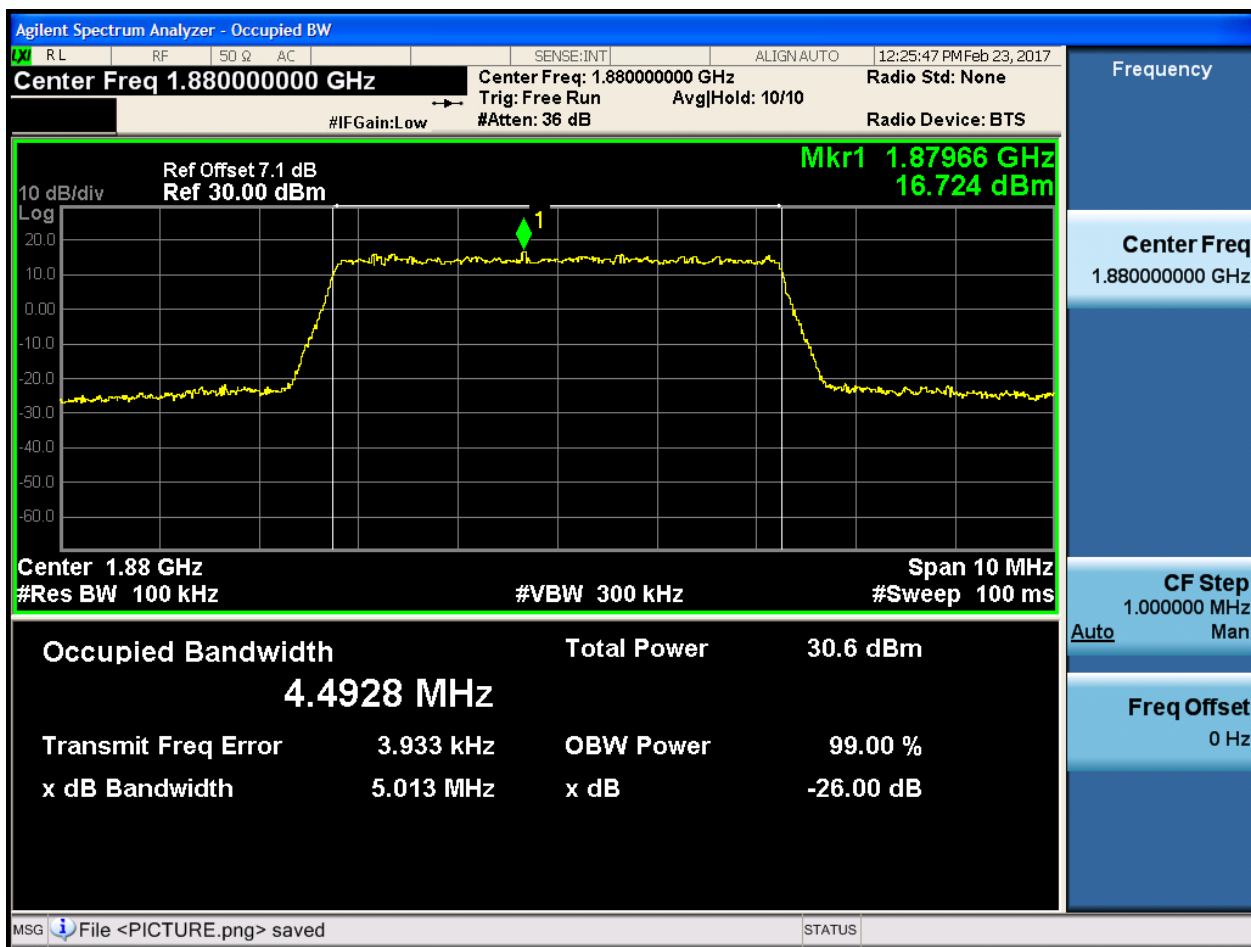
4.1.1.1.3.1.1 Test RB = RB25#0





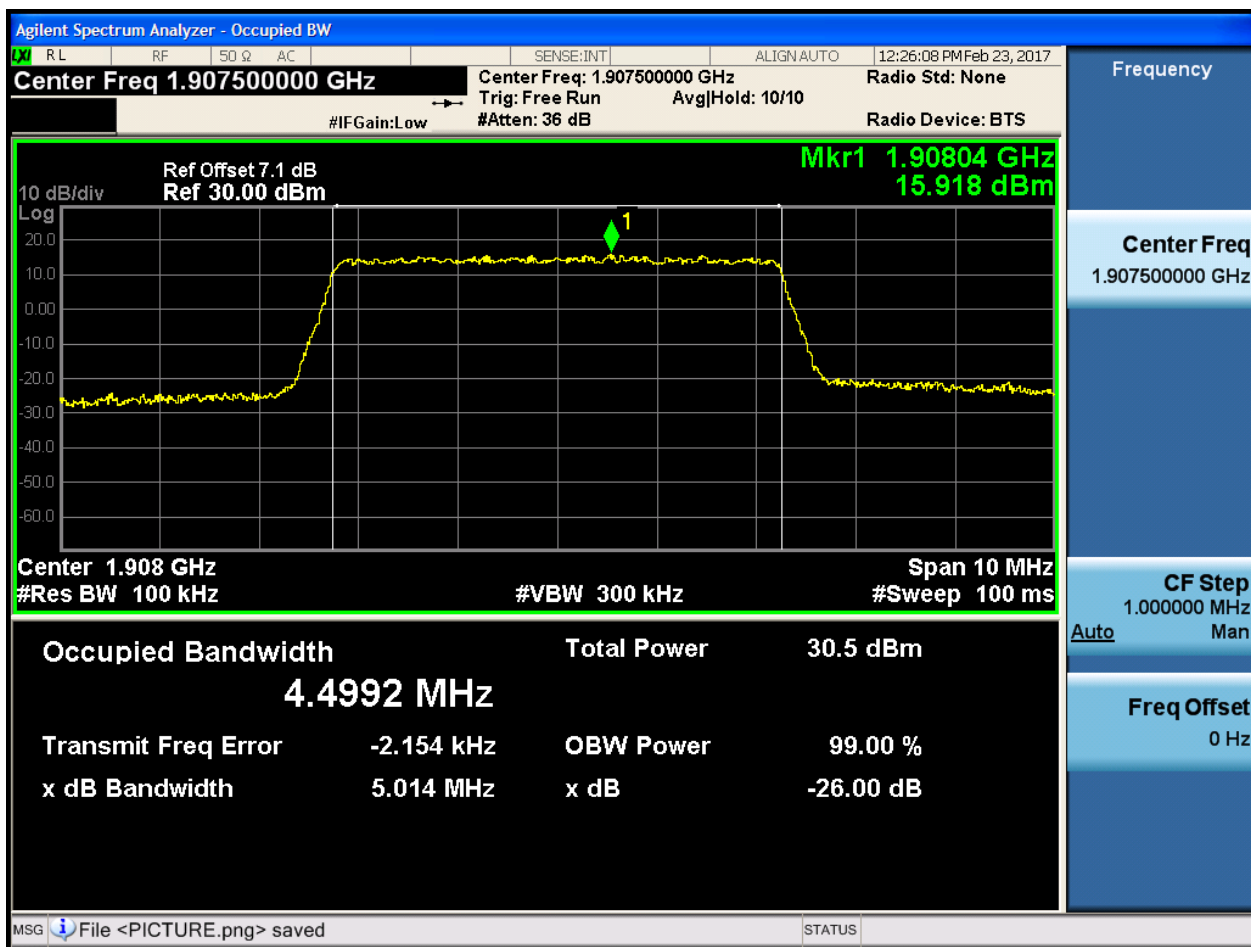
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

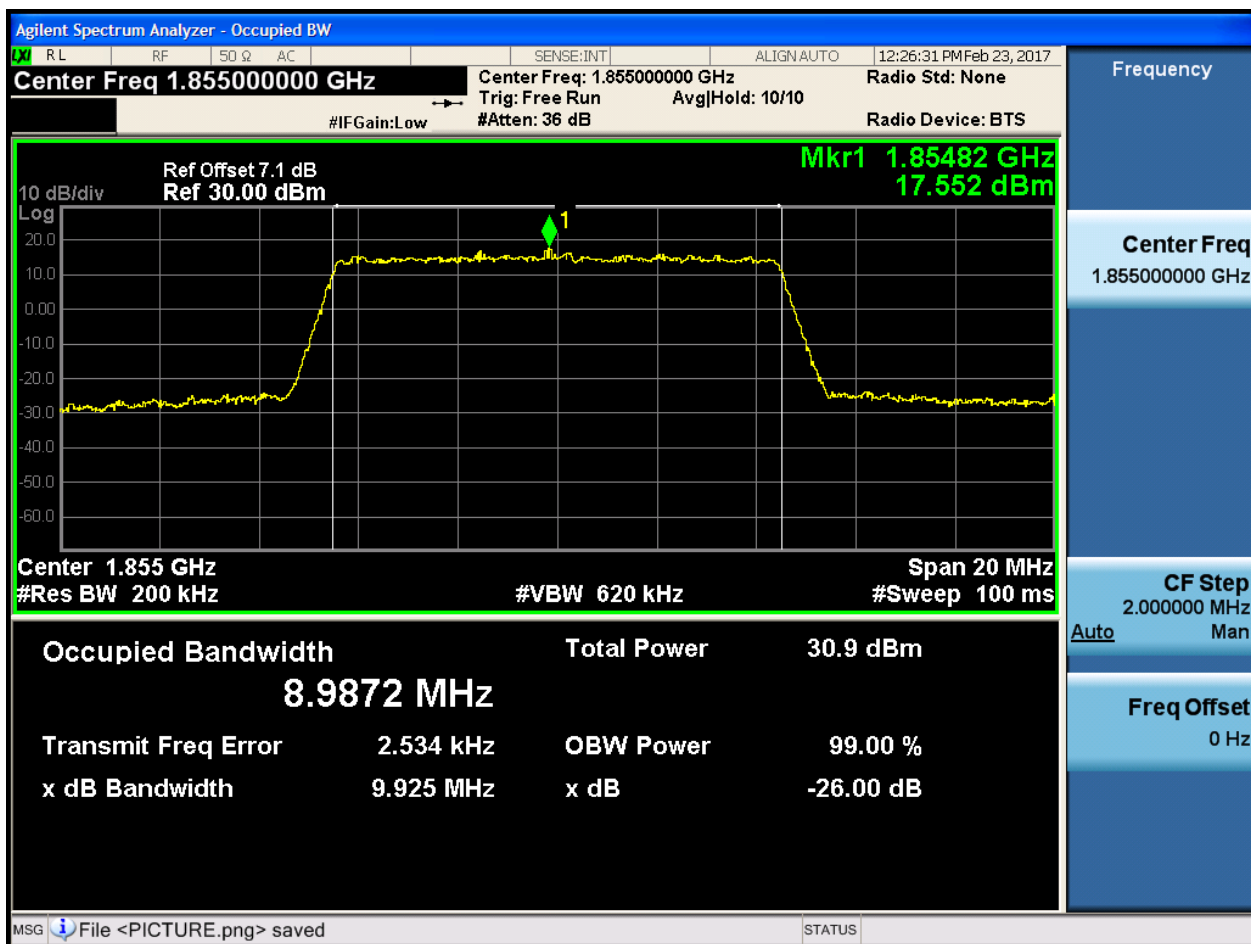




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

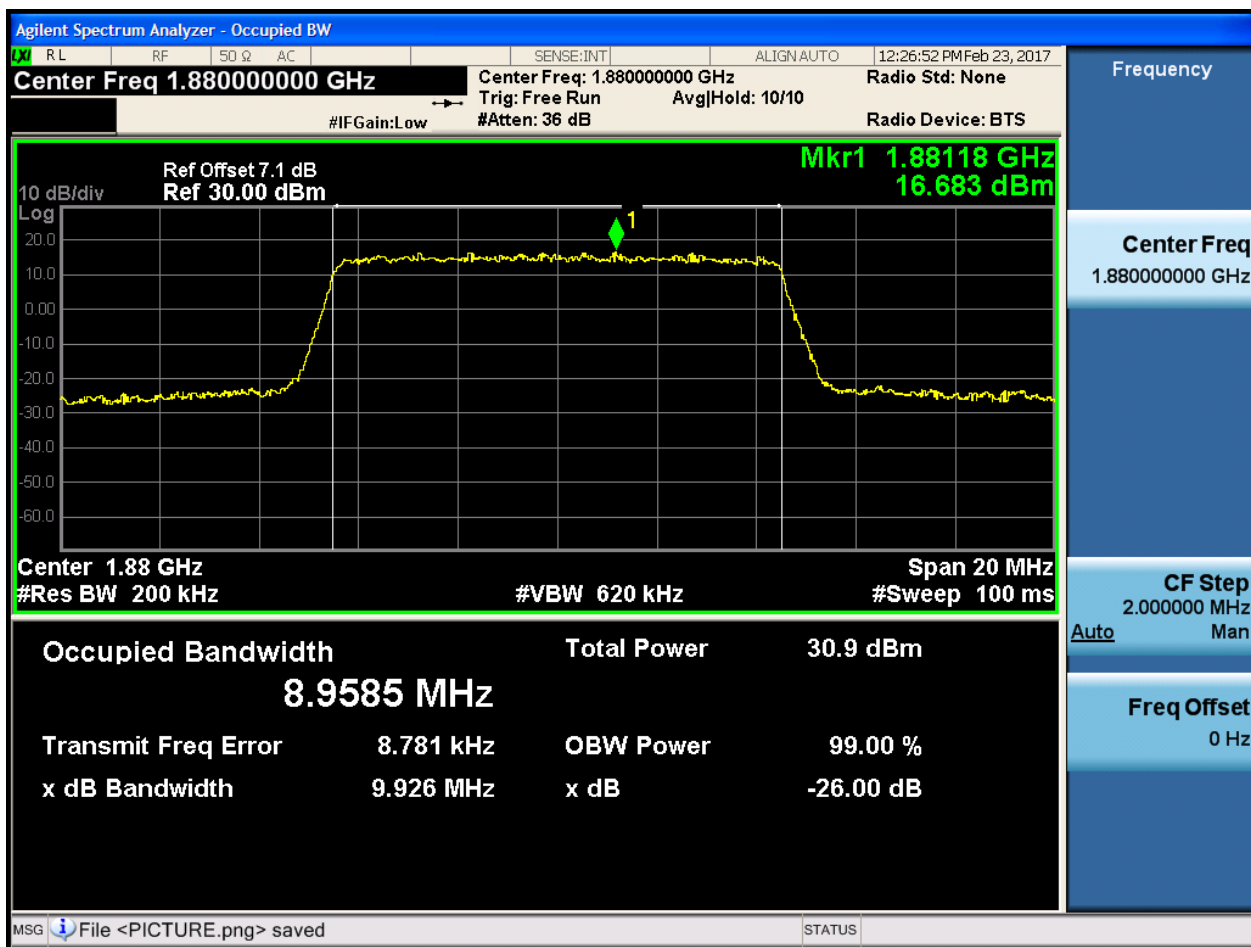
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

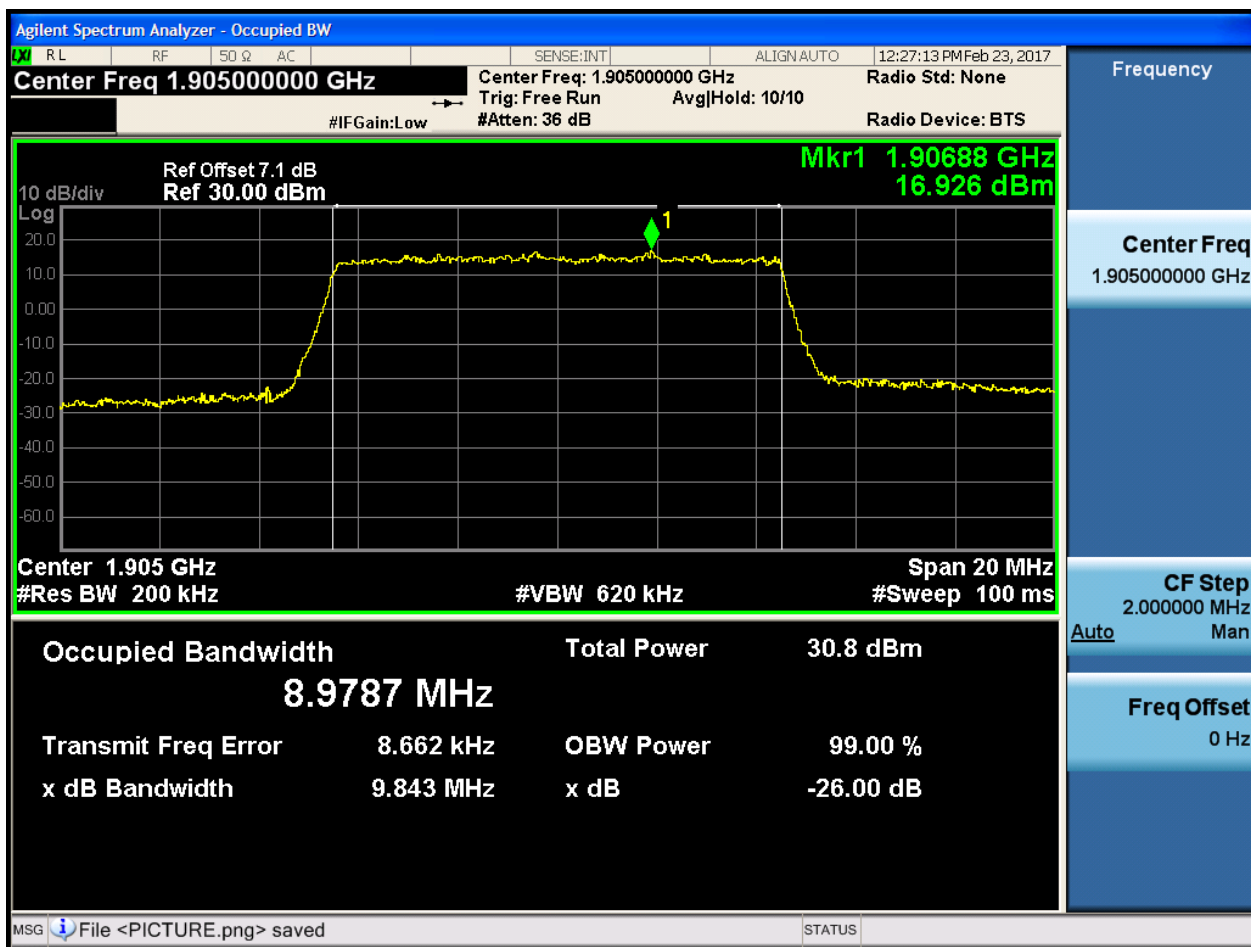
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

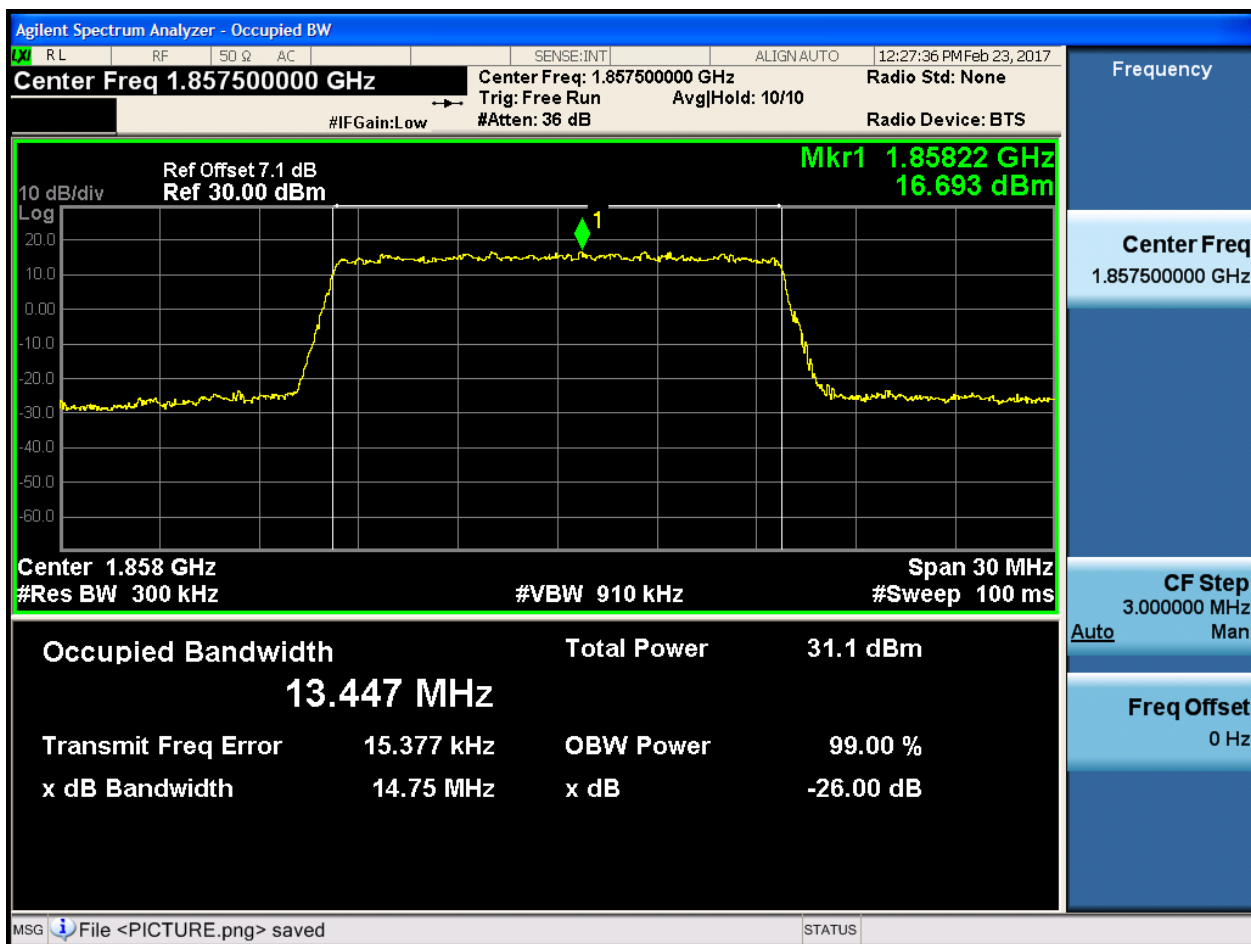




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

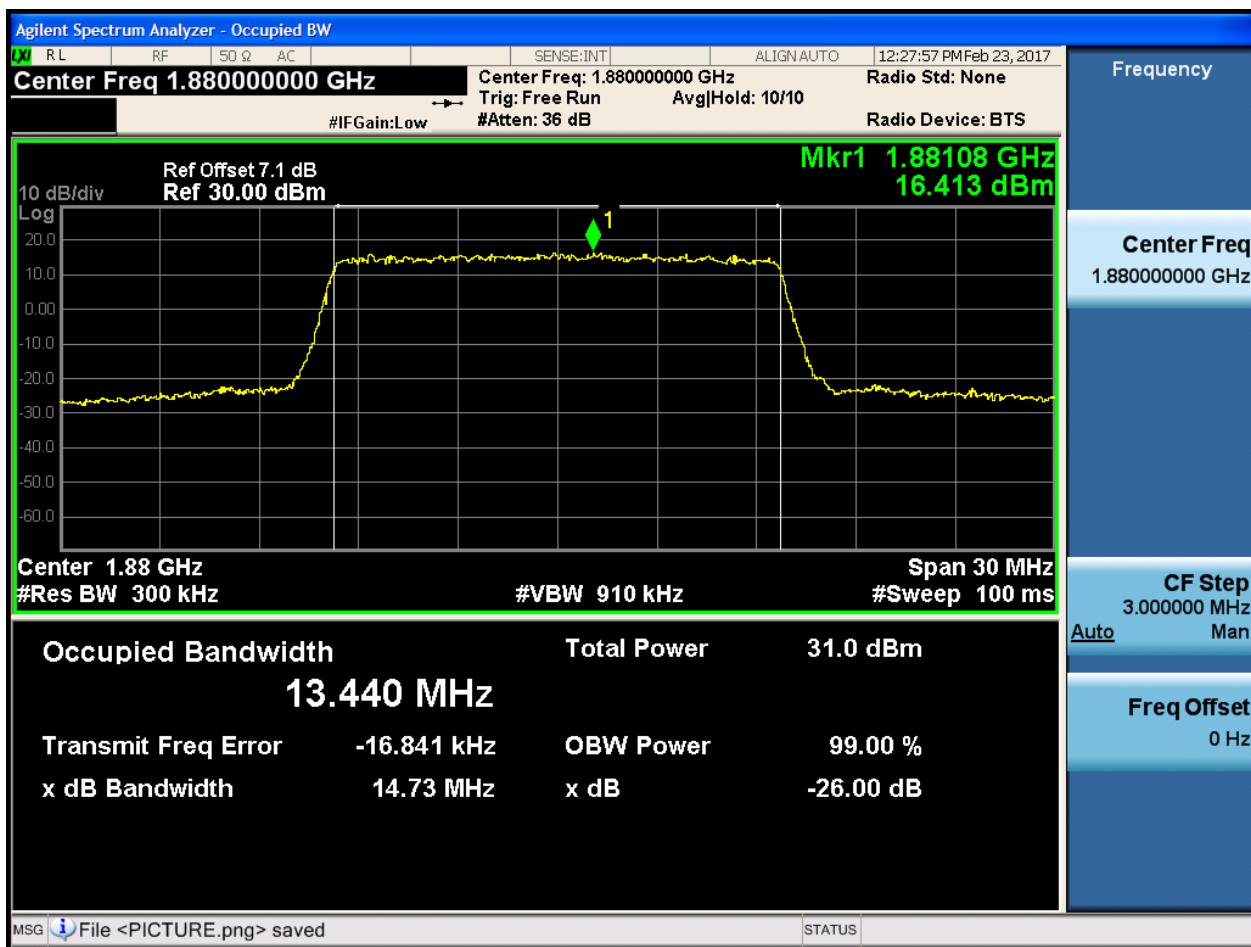
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

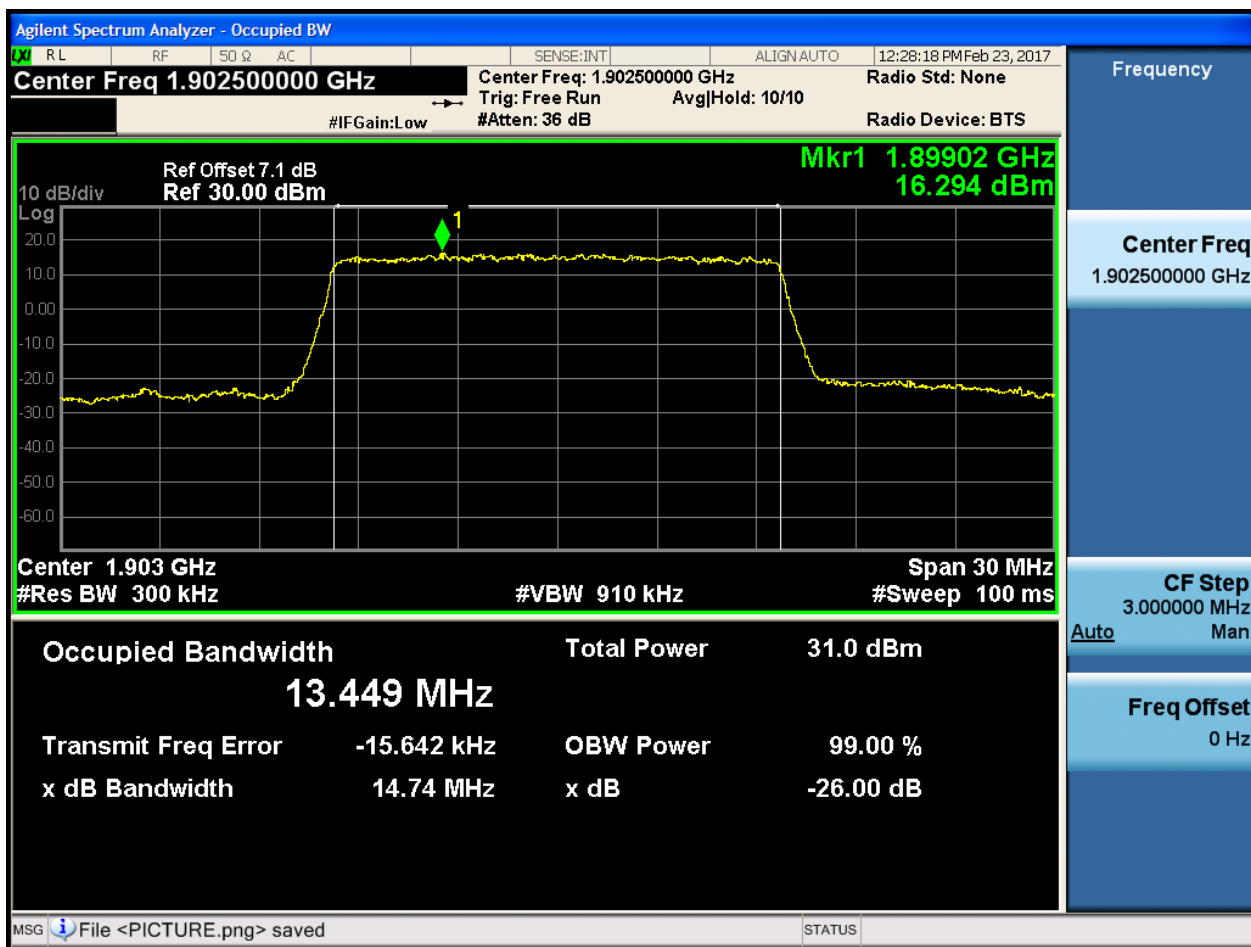
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

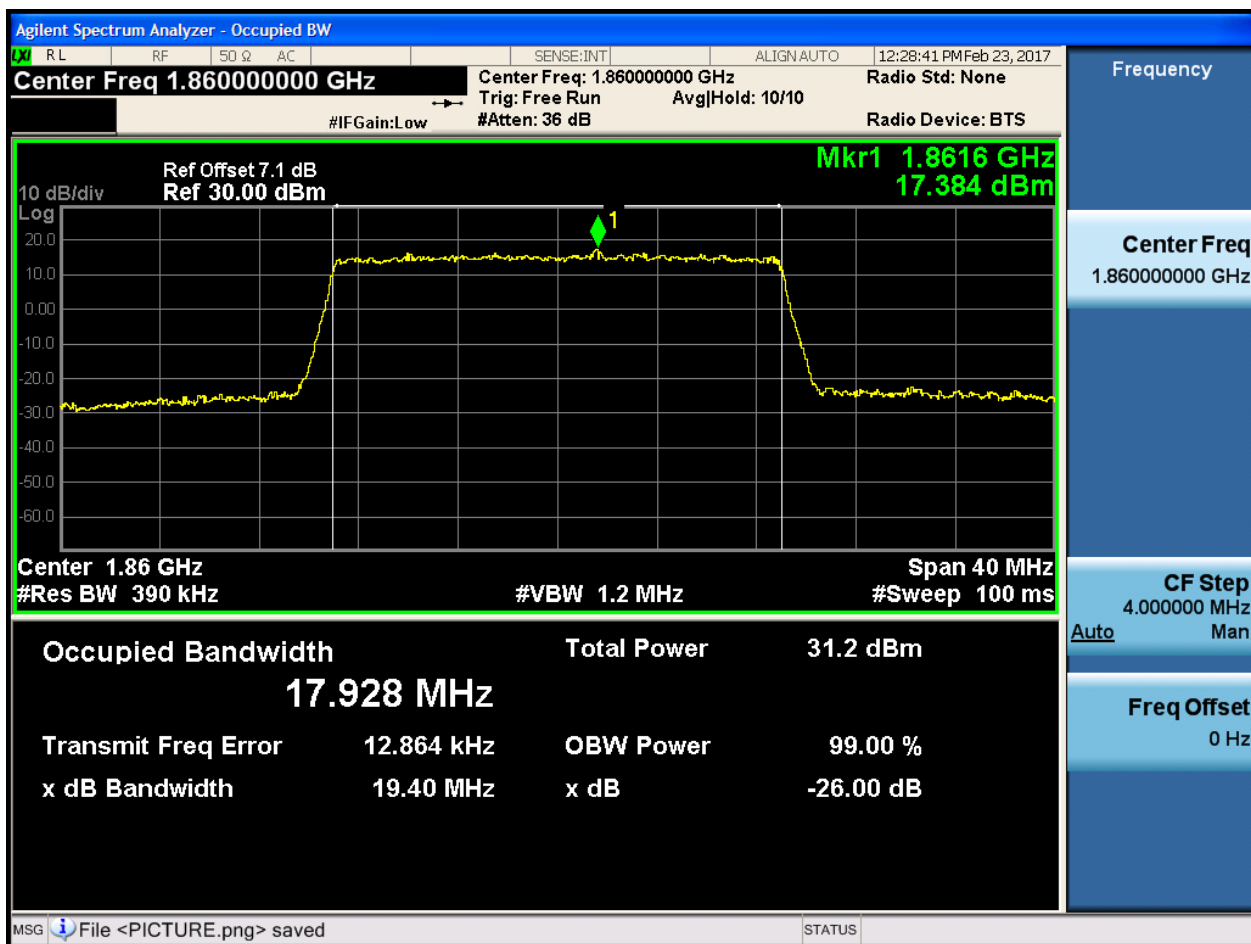




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

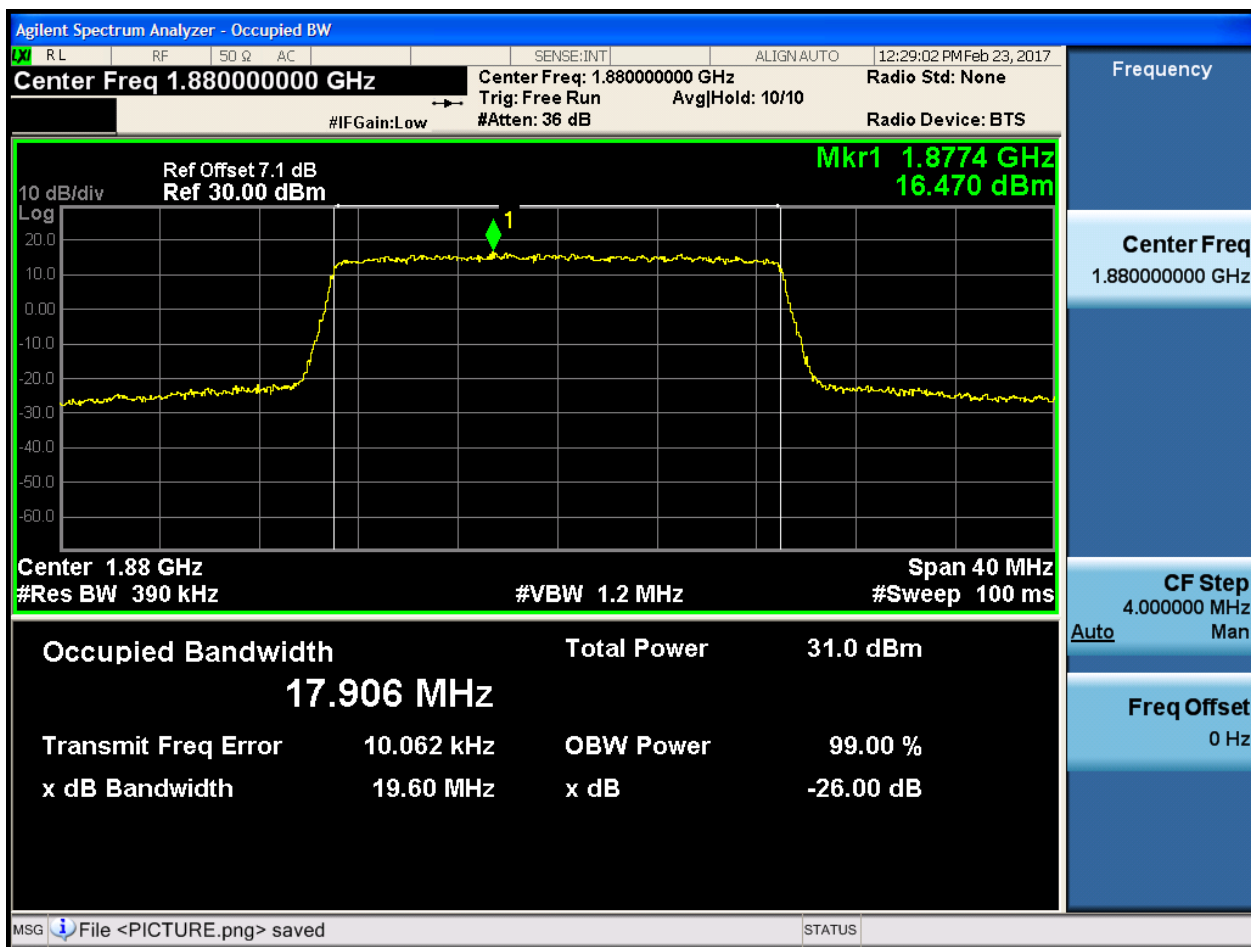
4.1.1.1.6.1.1 Test RB = RB100#0





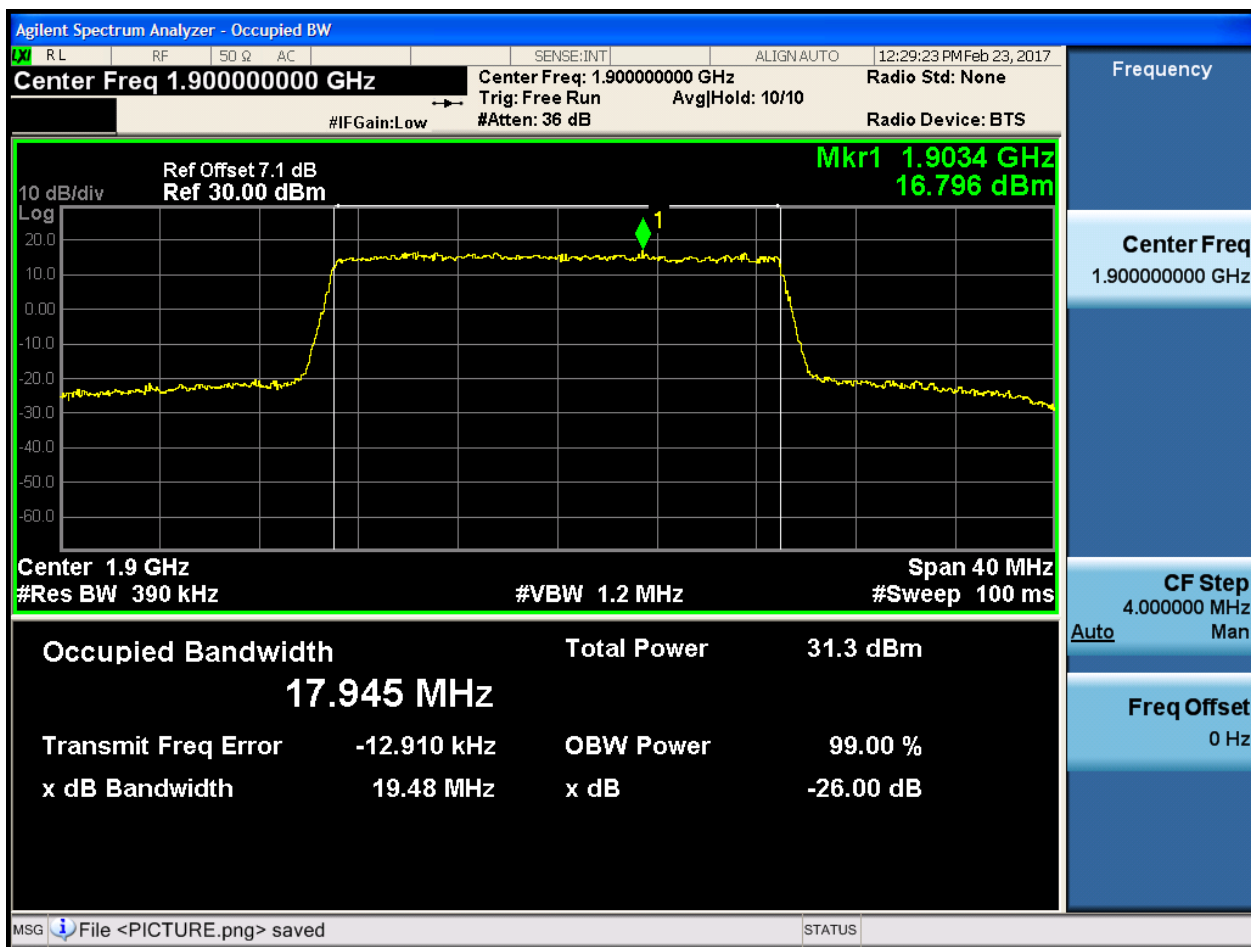
4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0

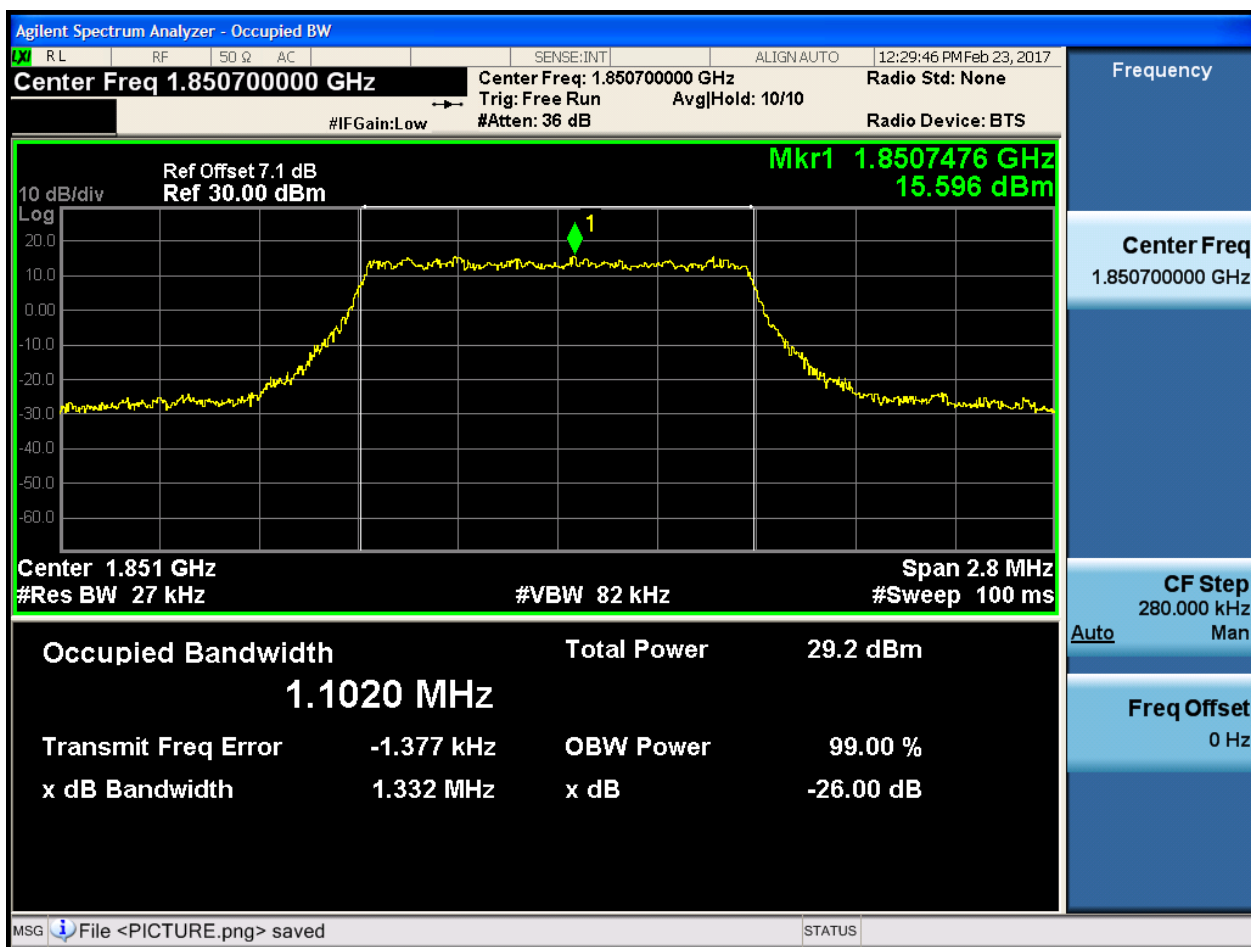


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

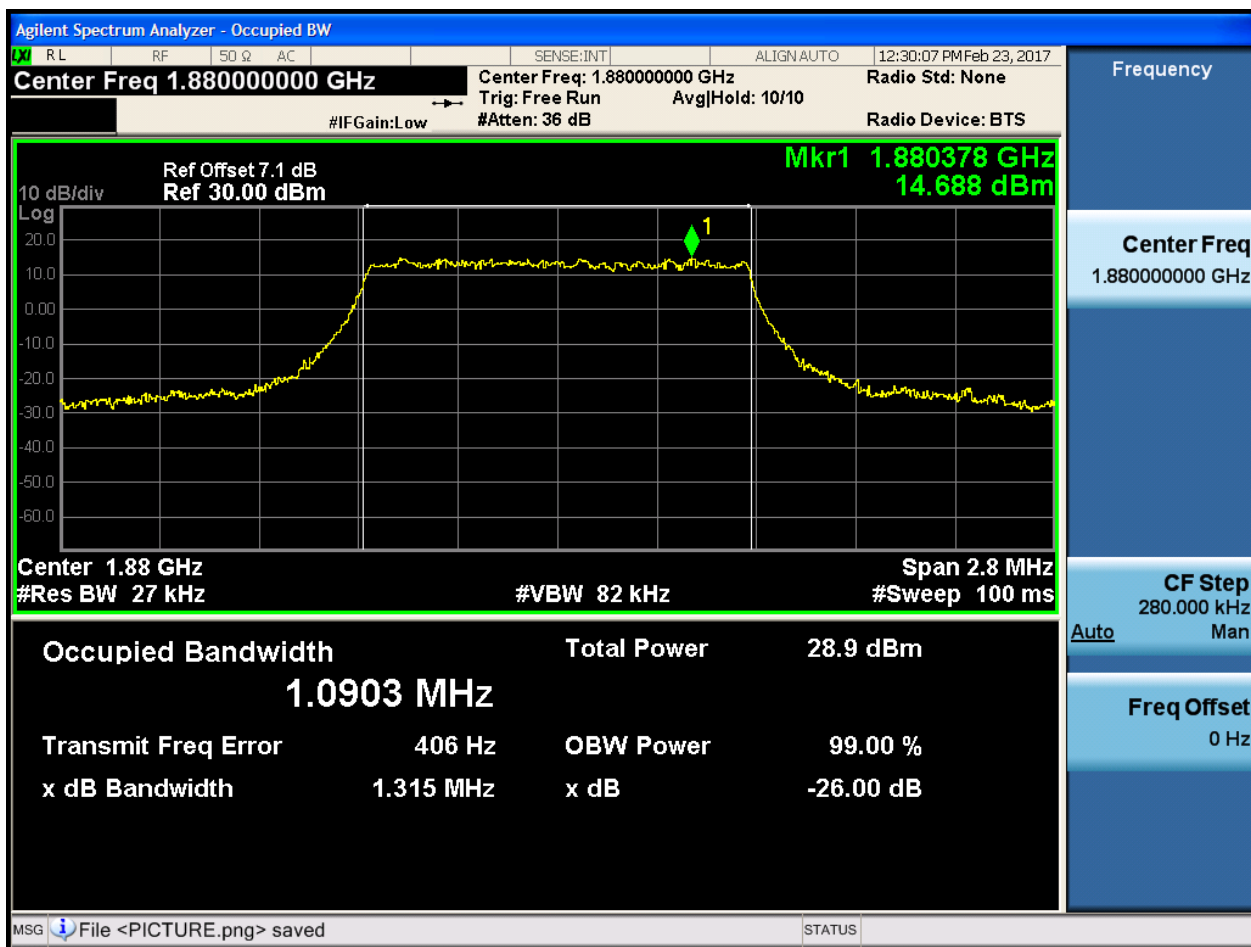
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

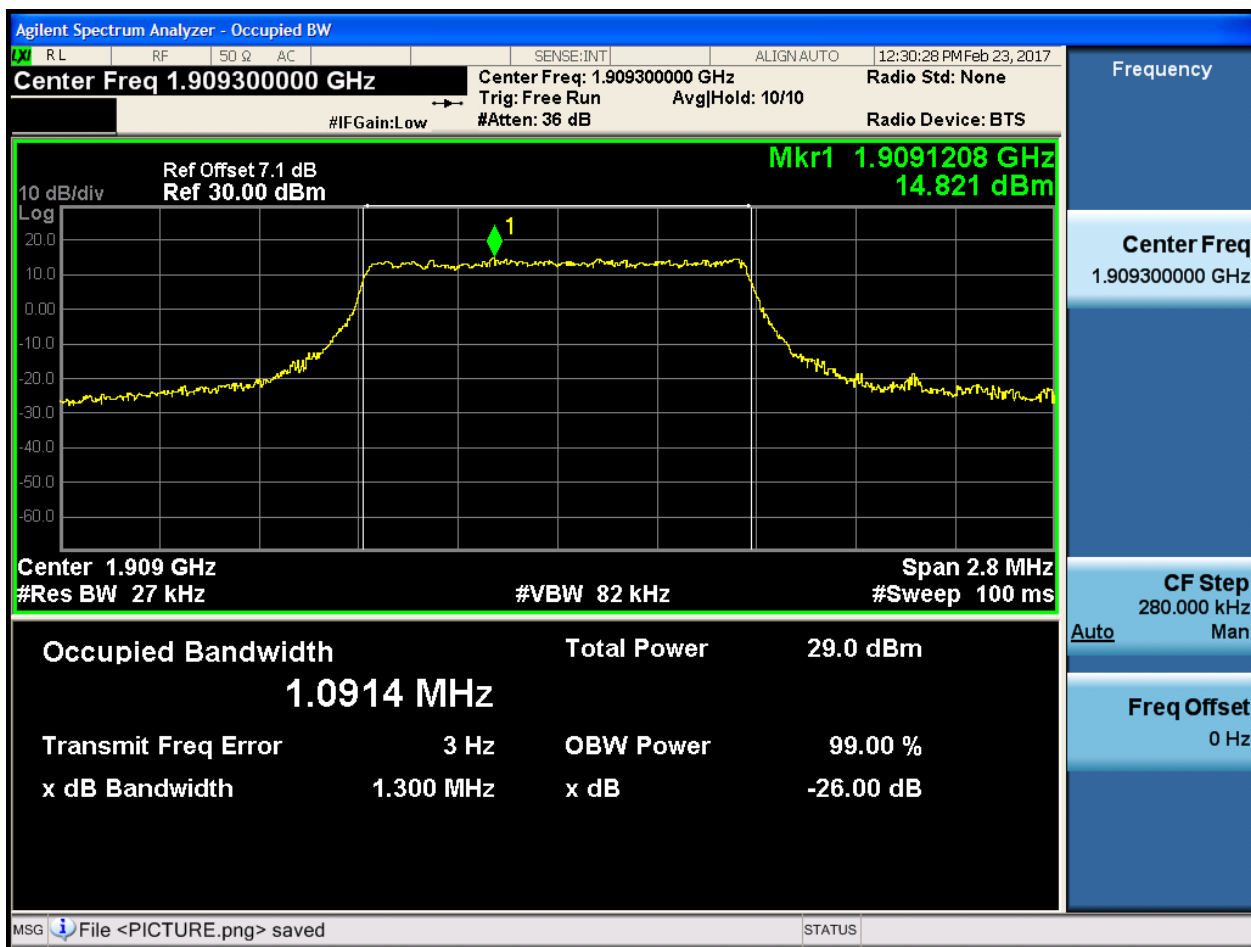
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

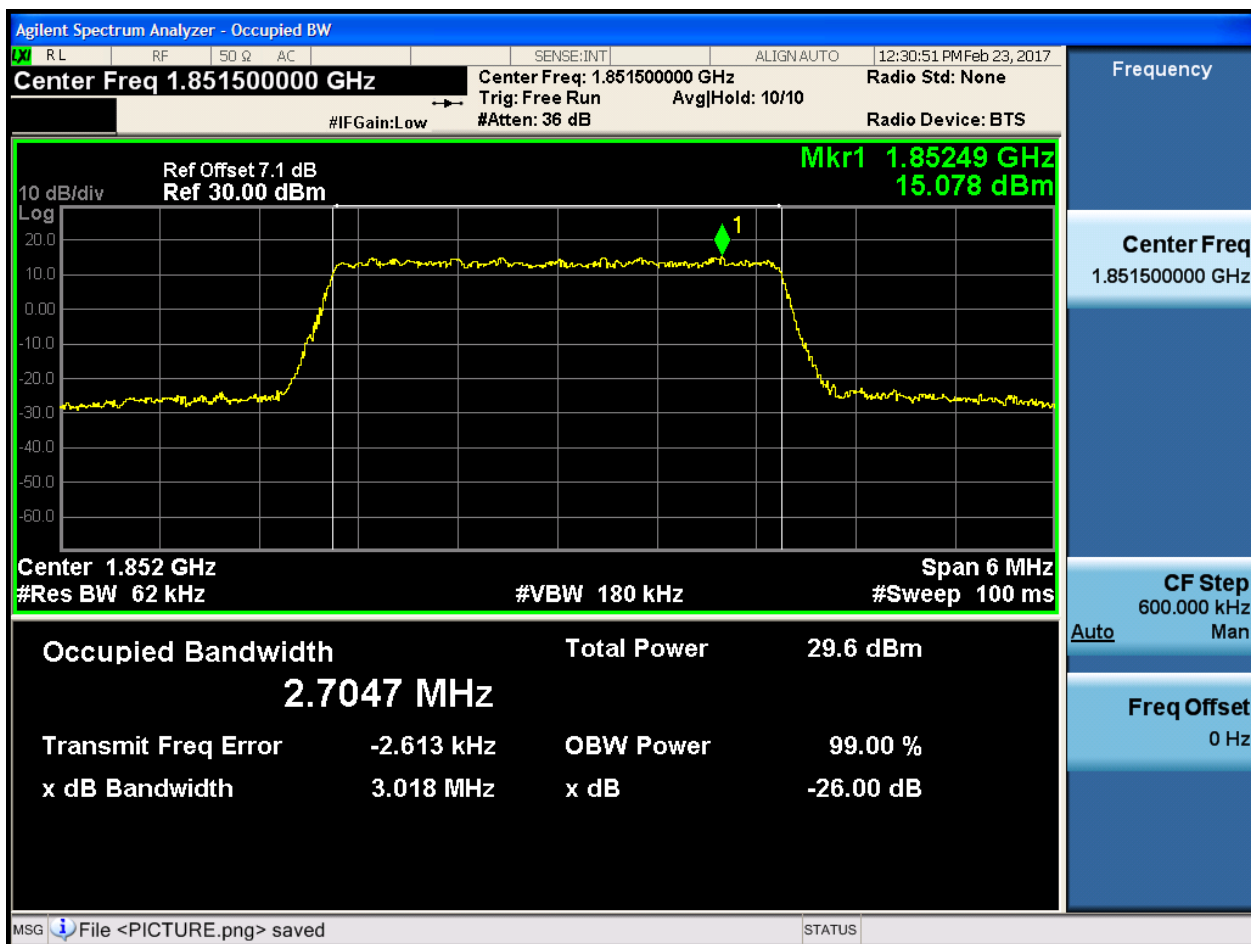




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

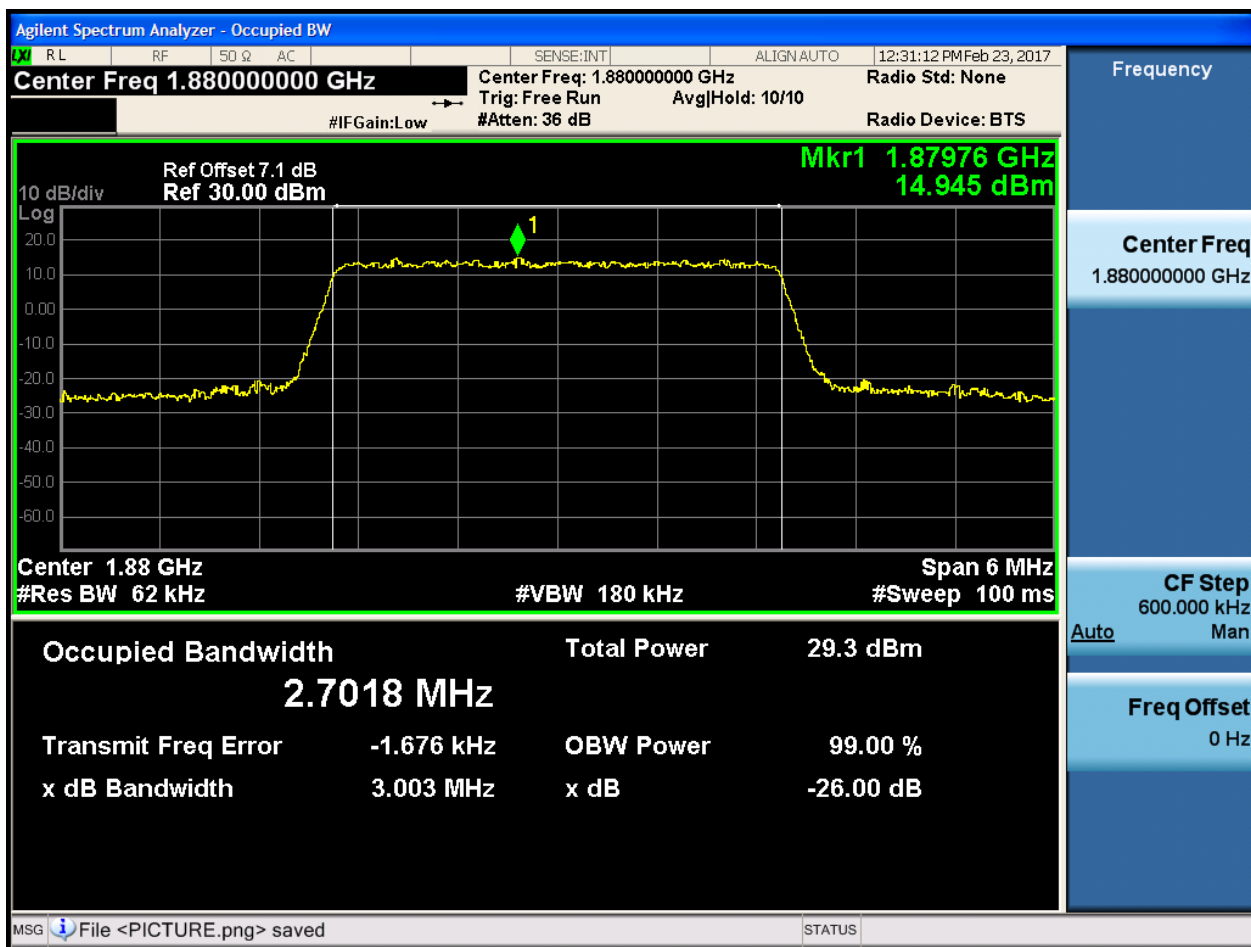
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

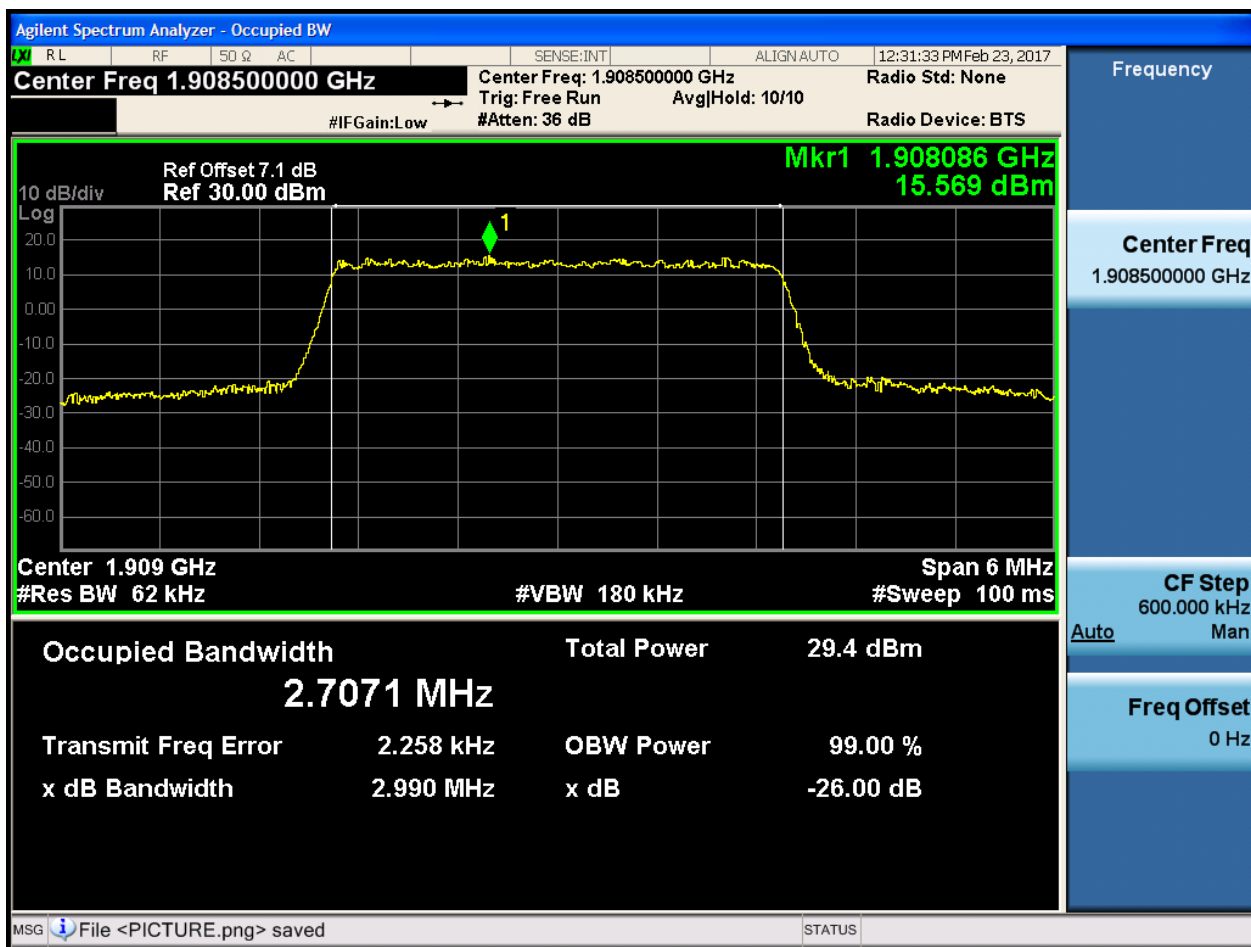
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

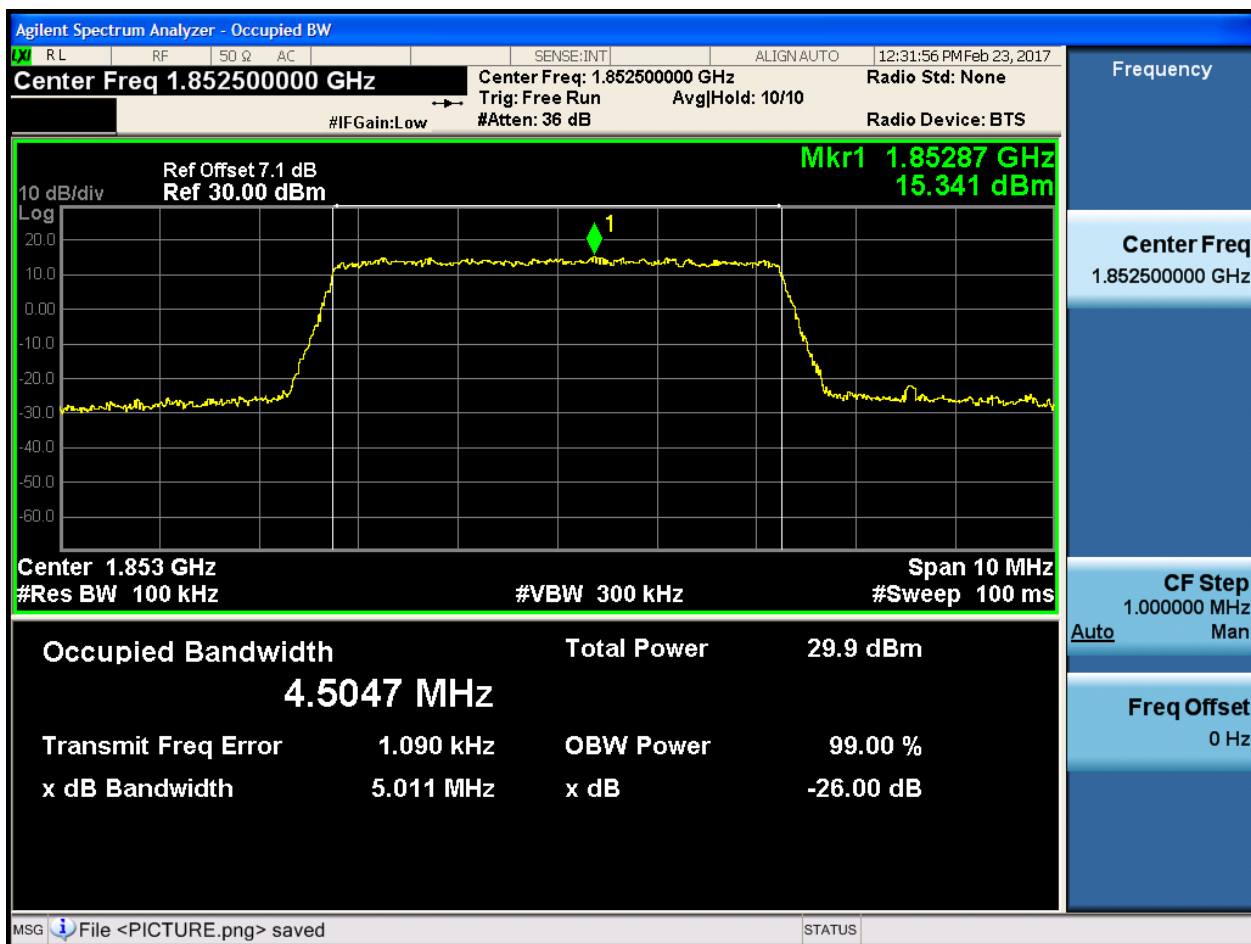




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

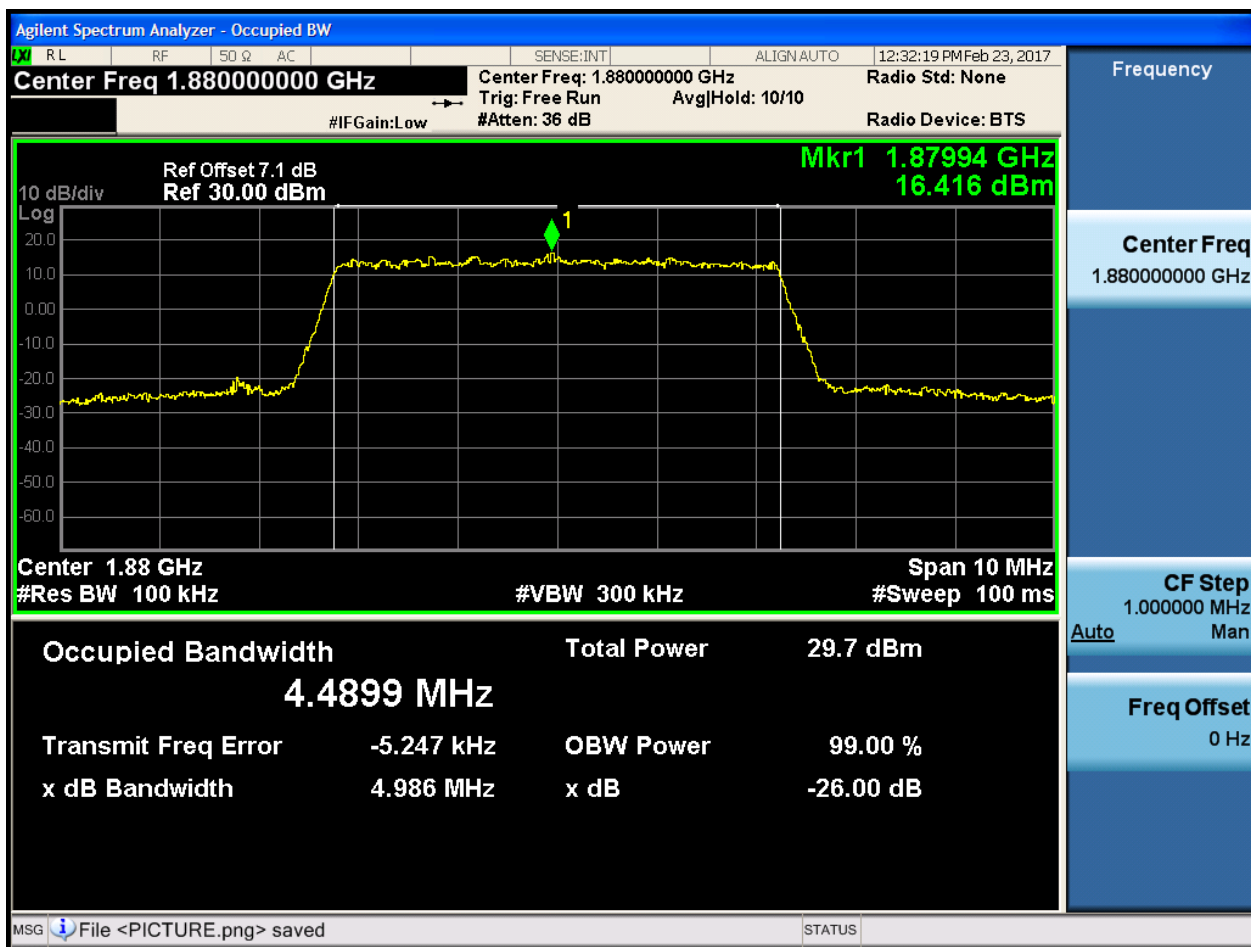
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

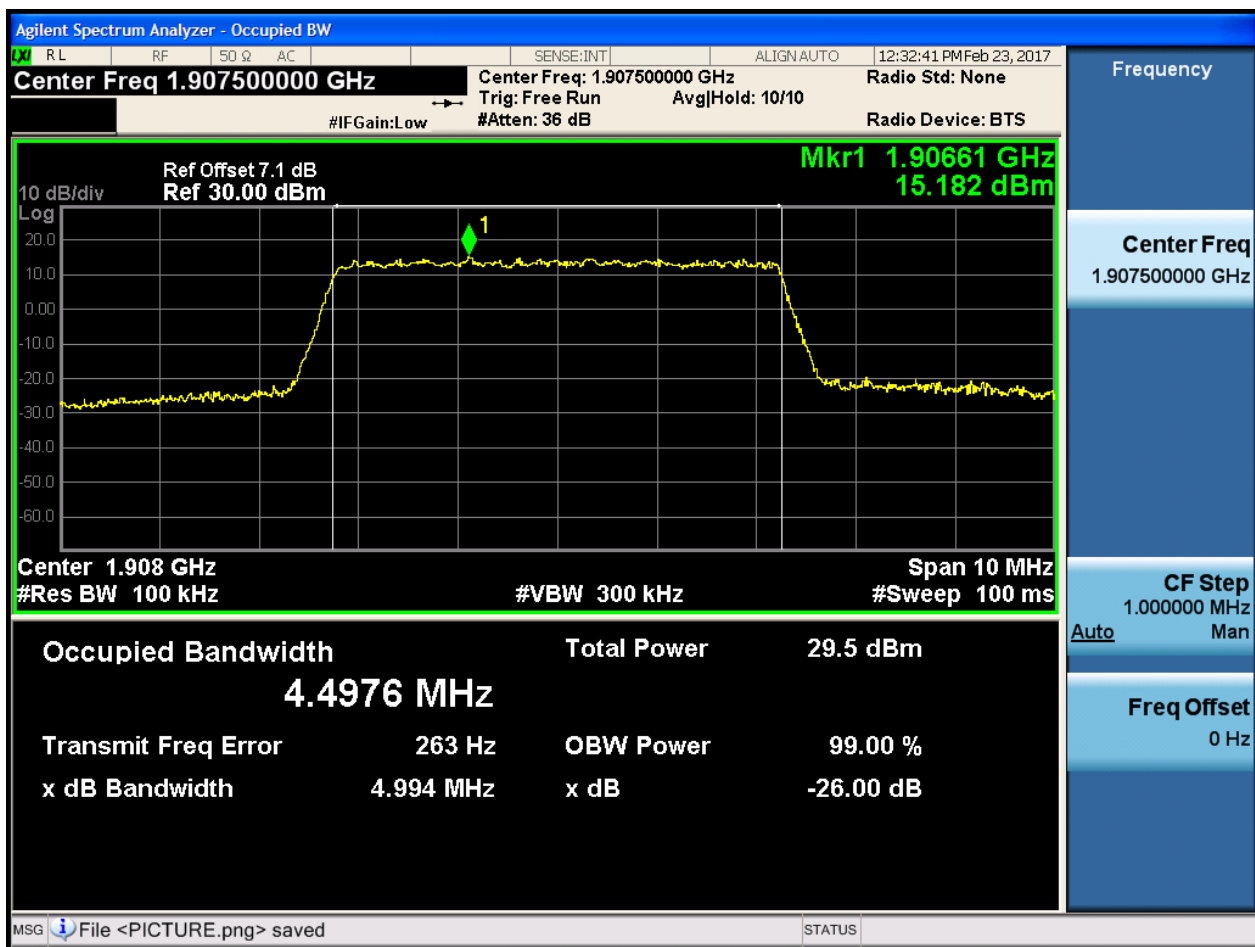
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

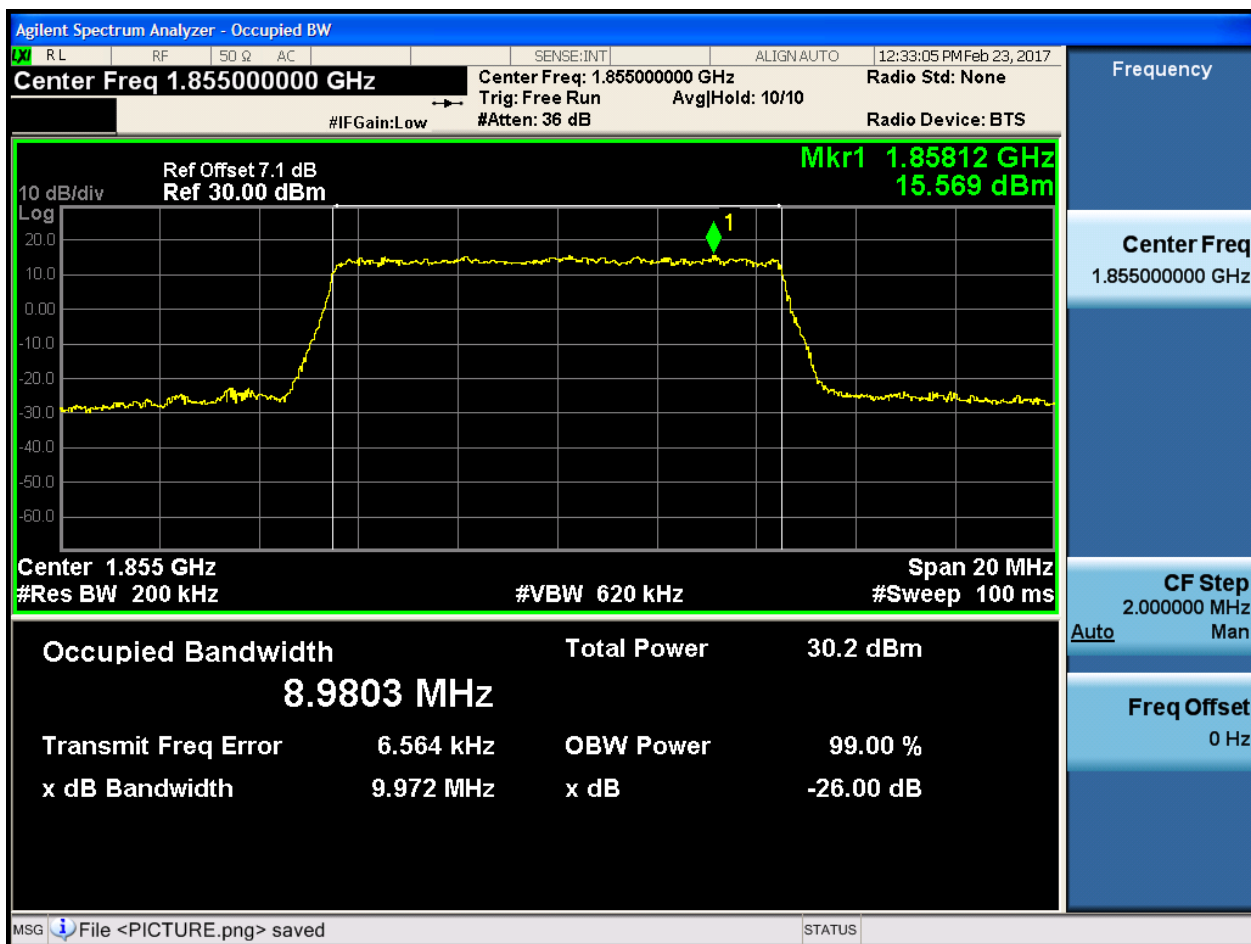
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

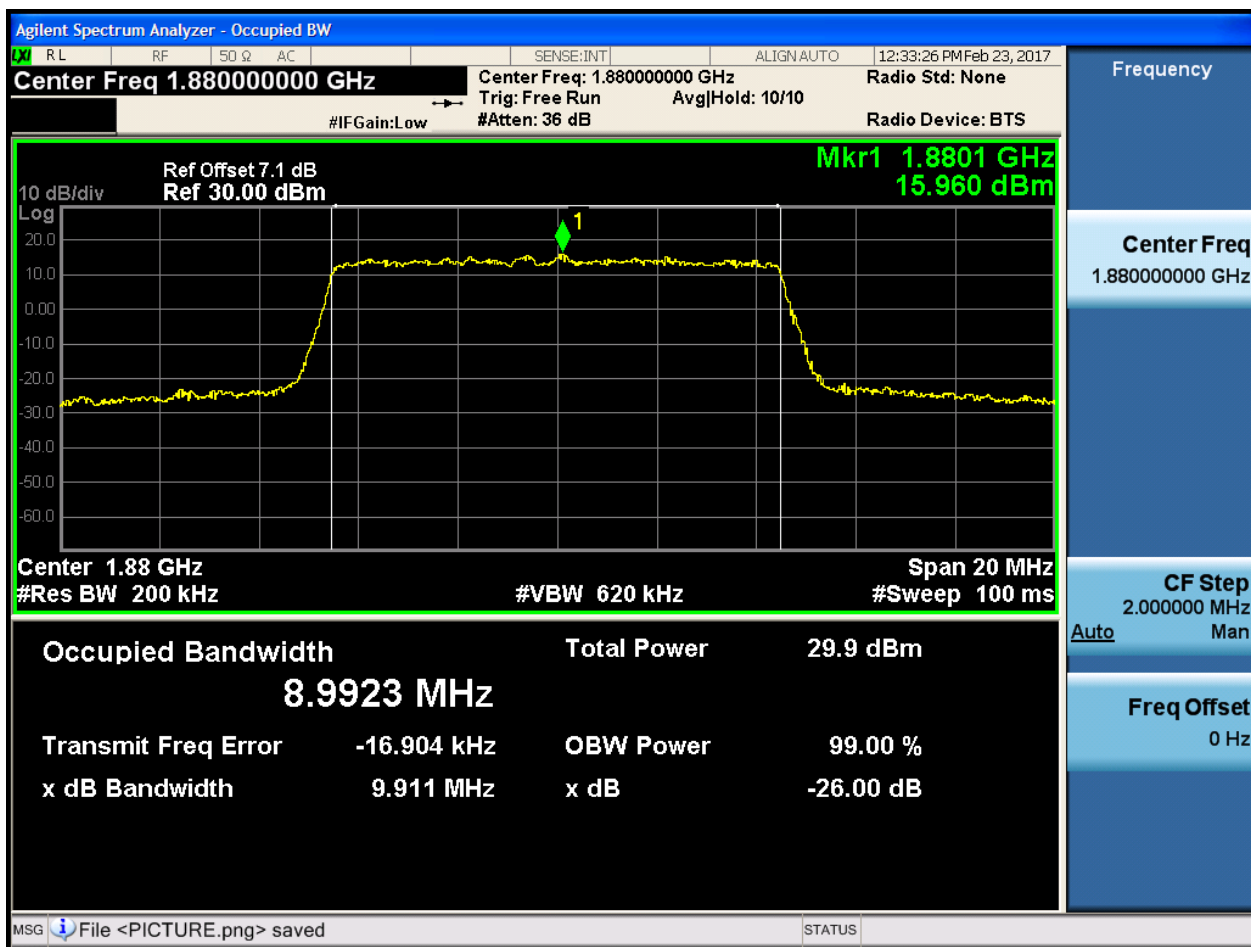
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

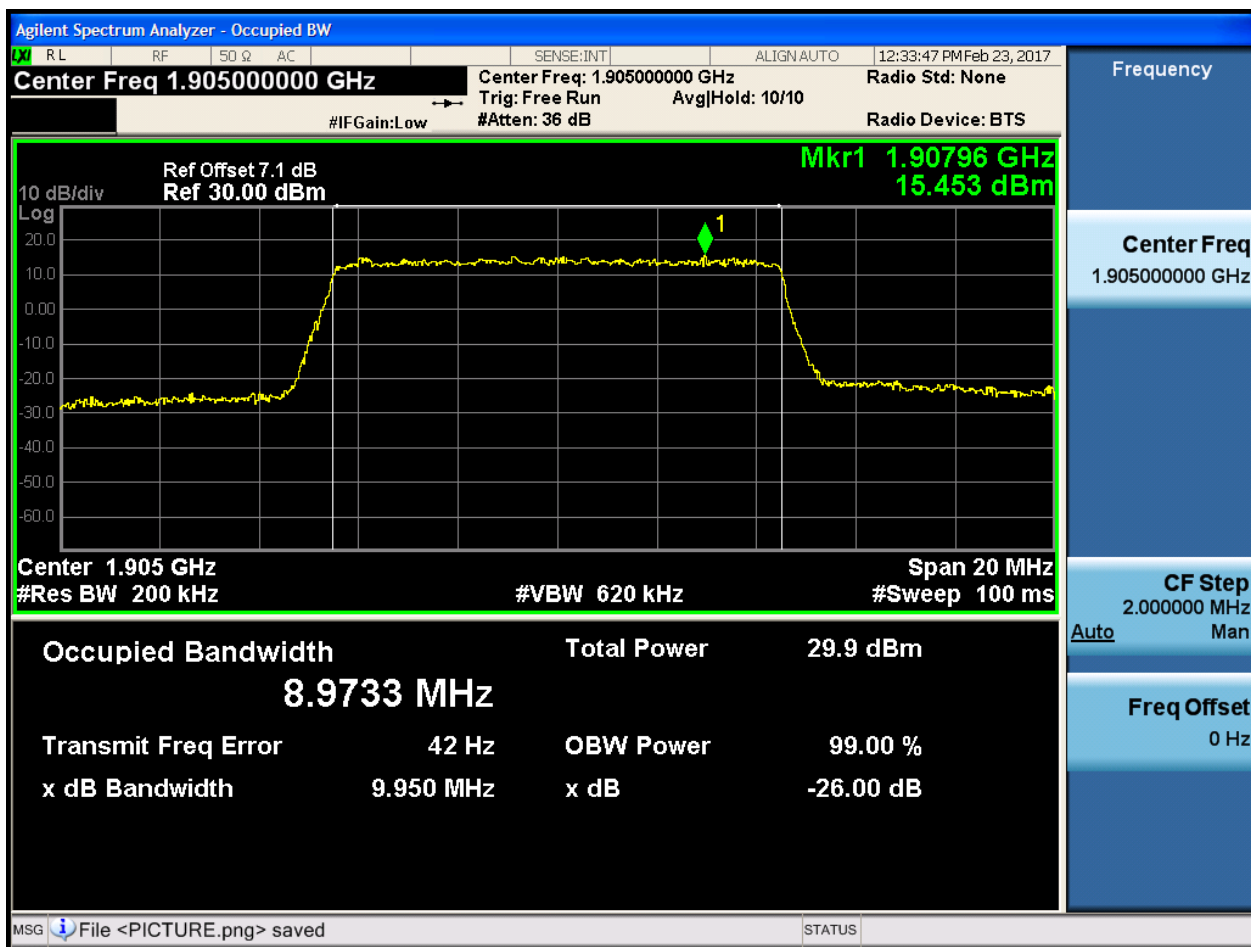
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

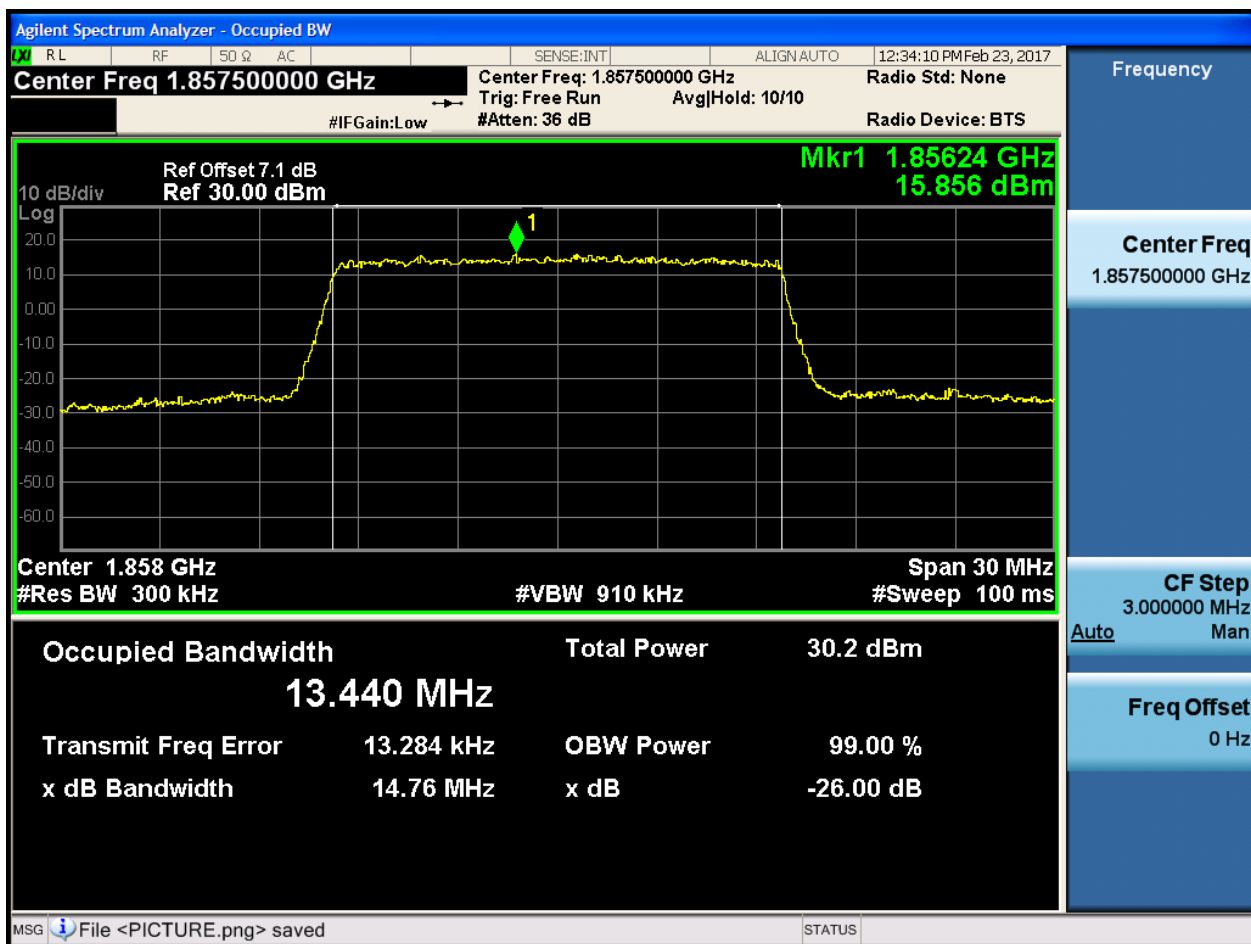




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

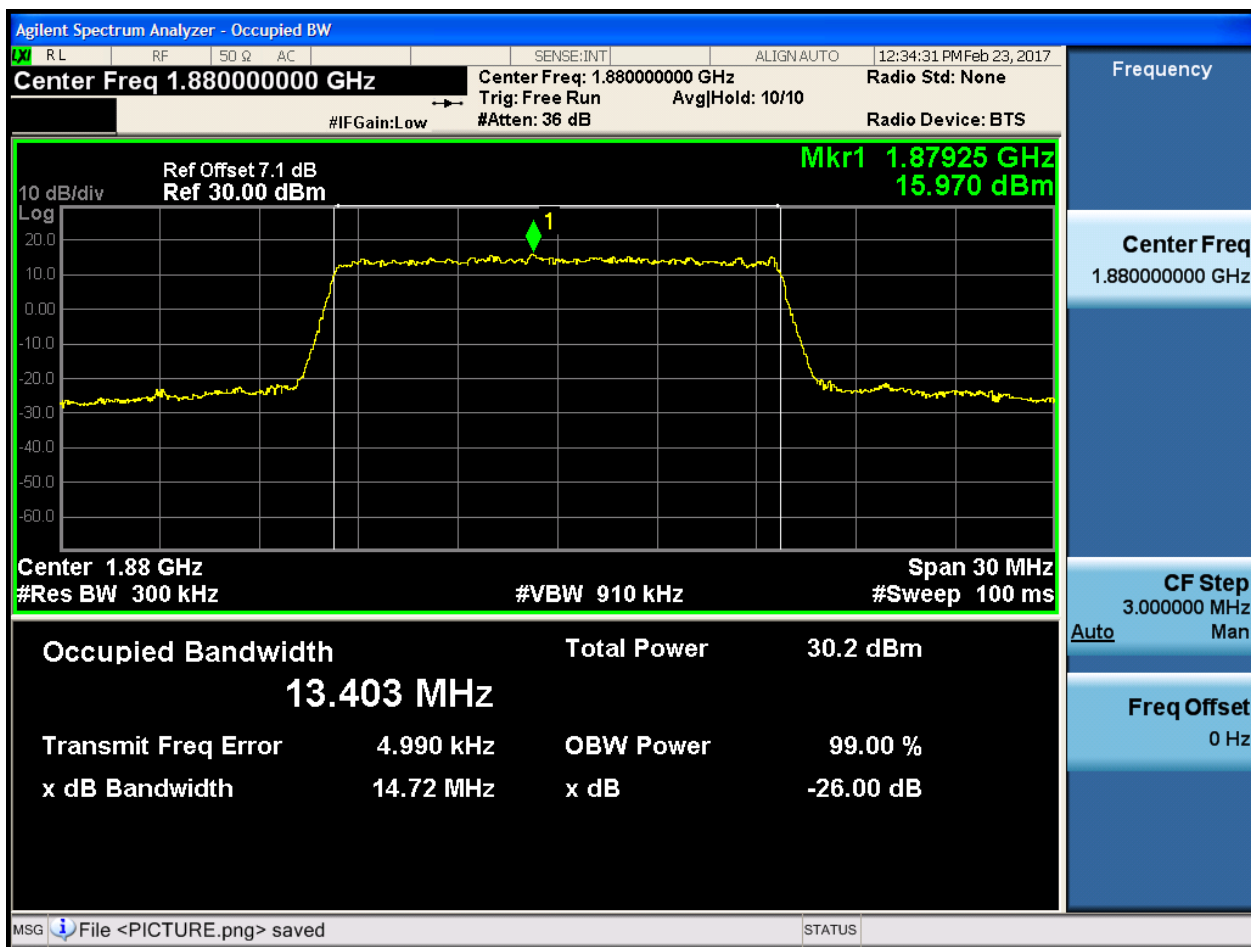
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

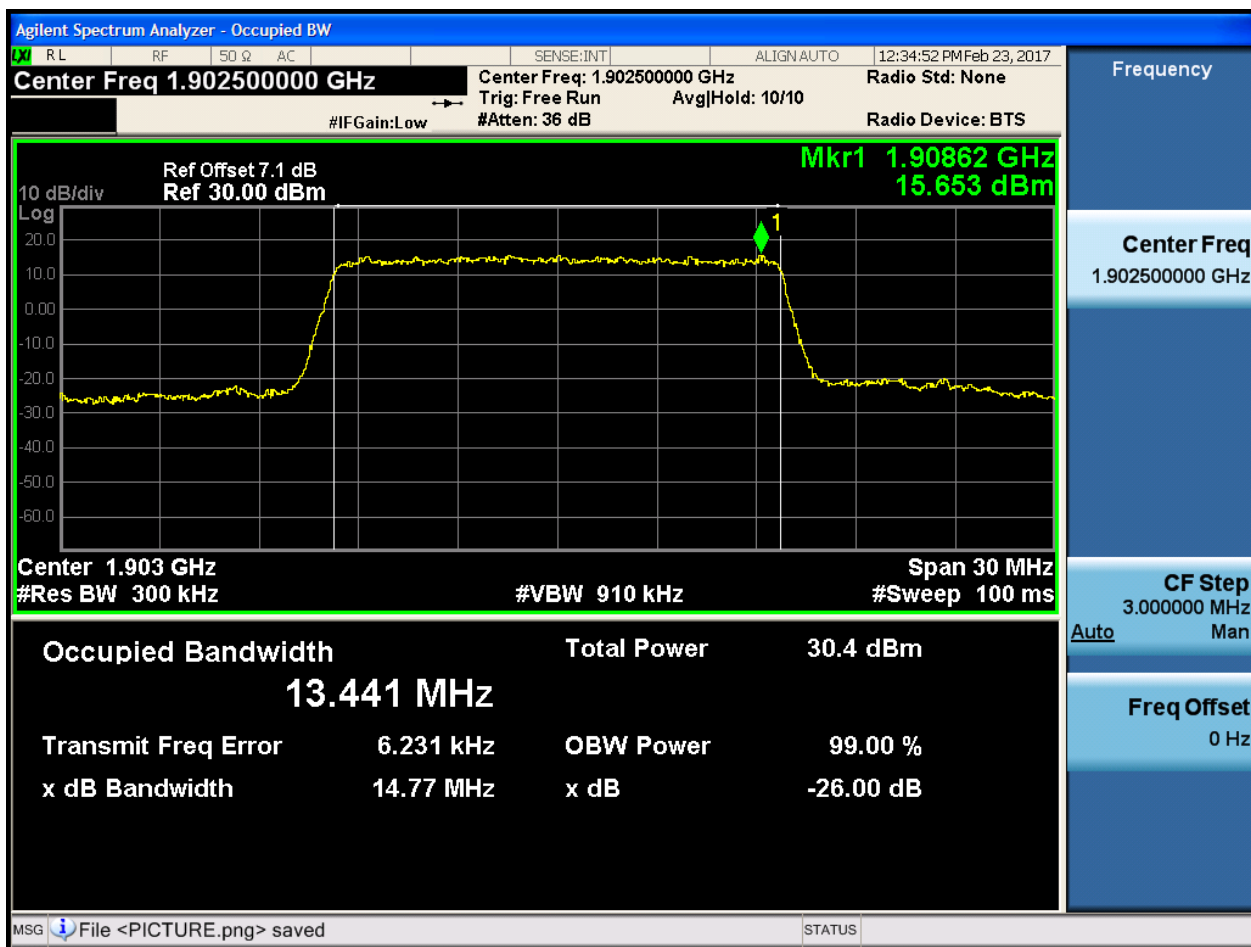
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

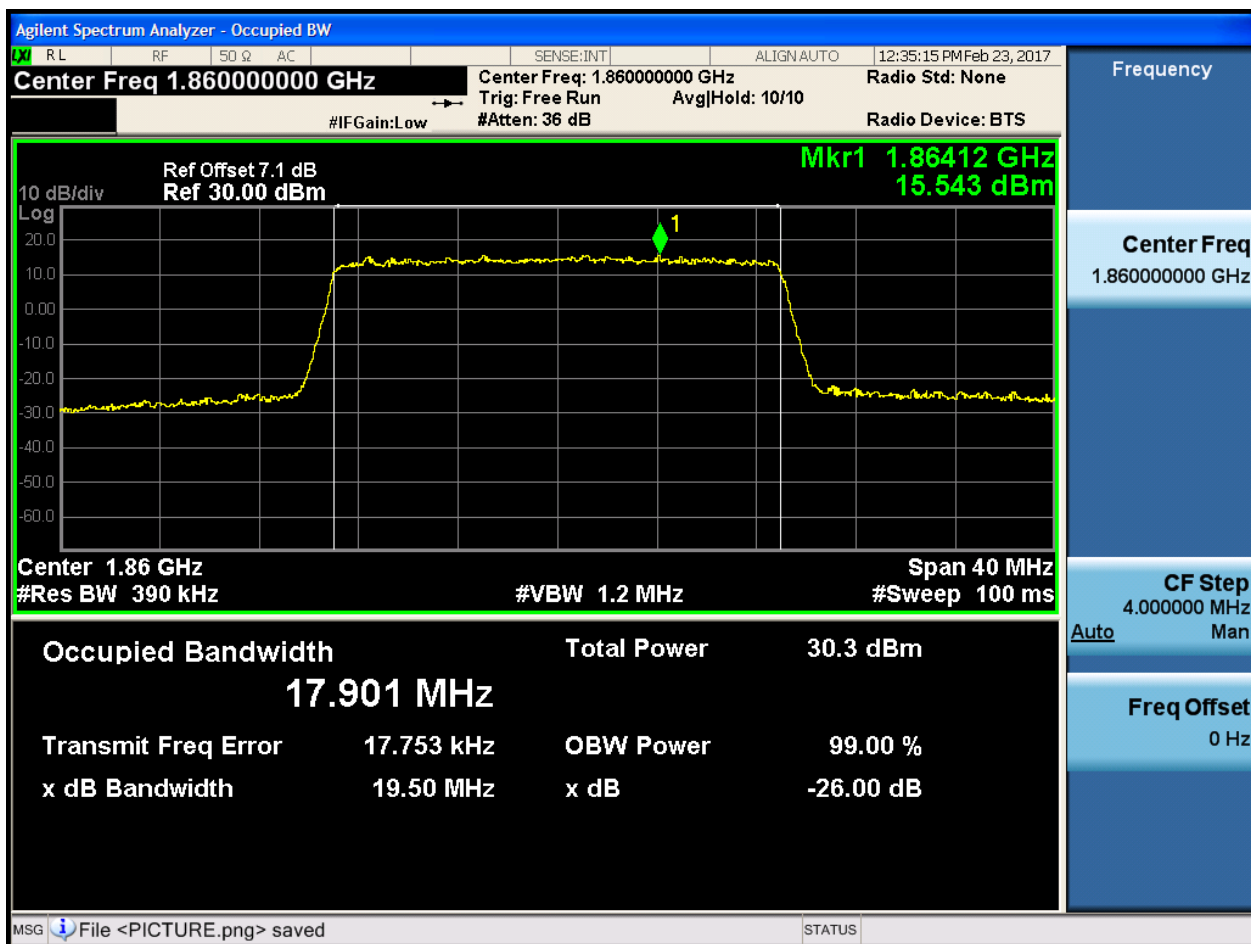




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

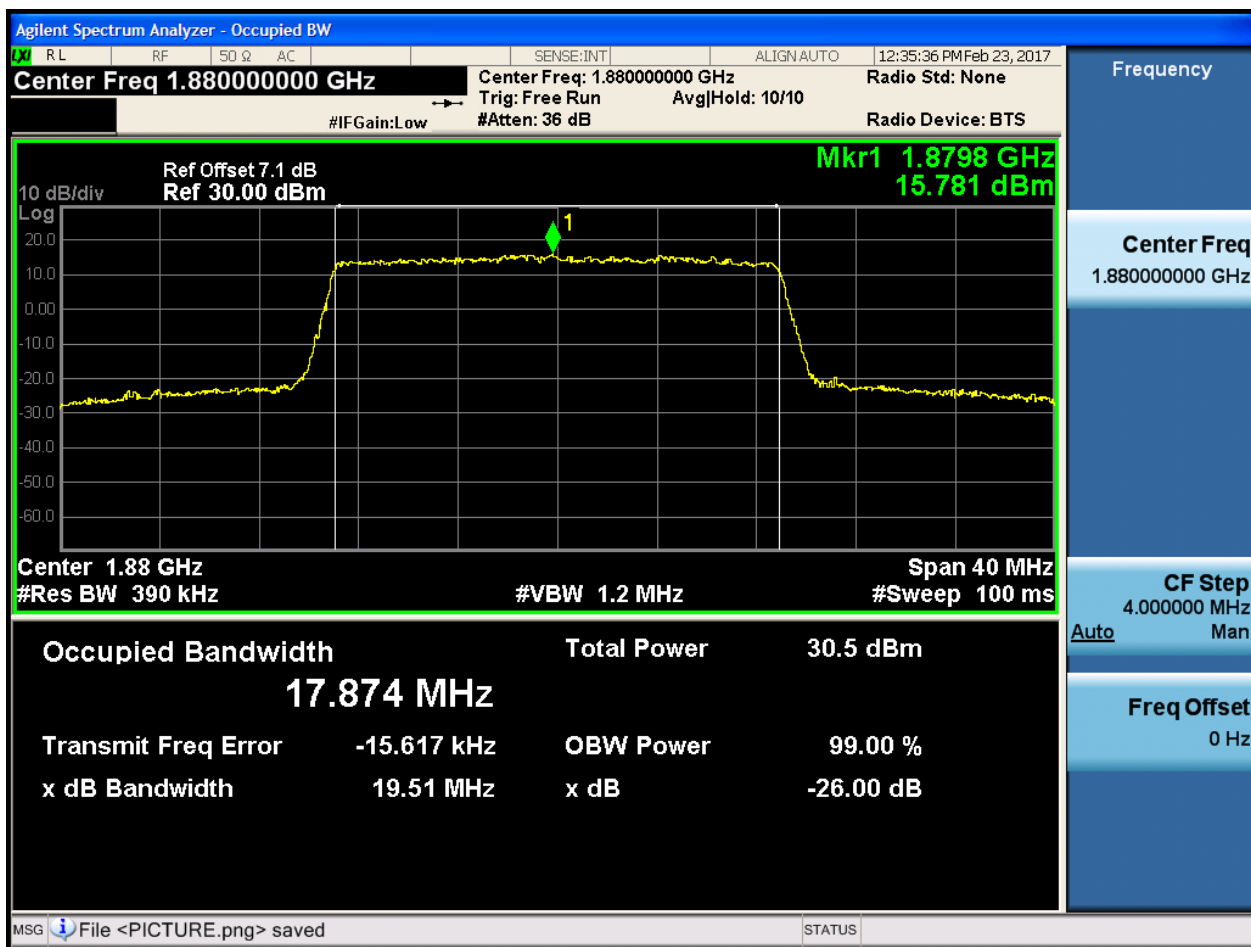
4.1.1.2.6.1.1 Test RB = RB100#0





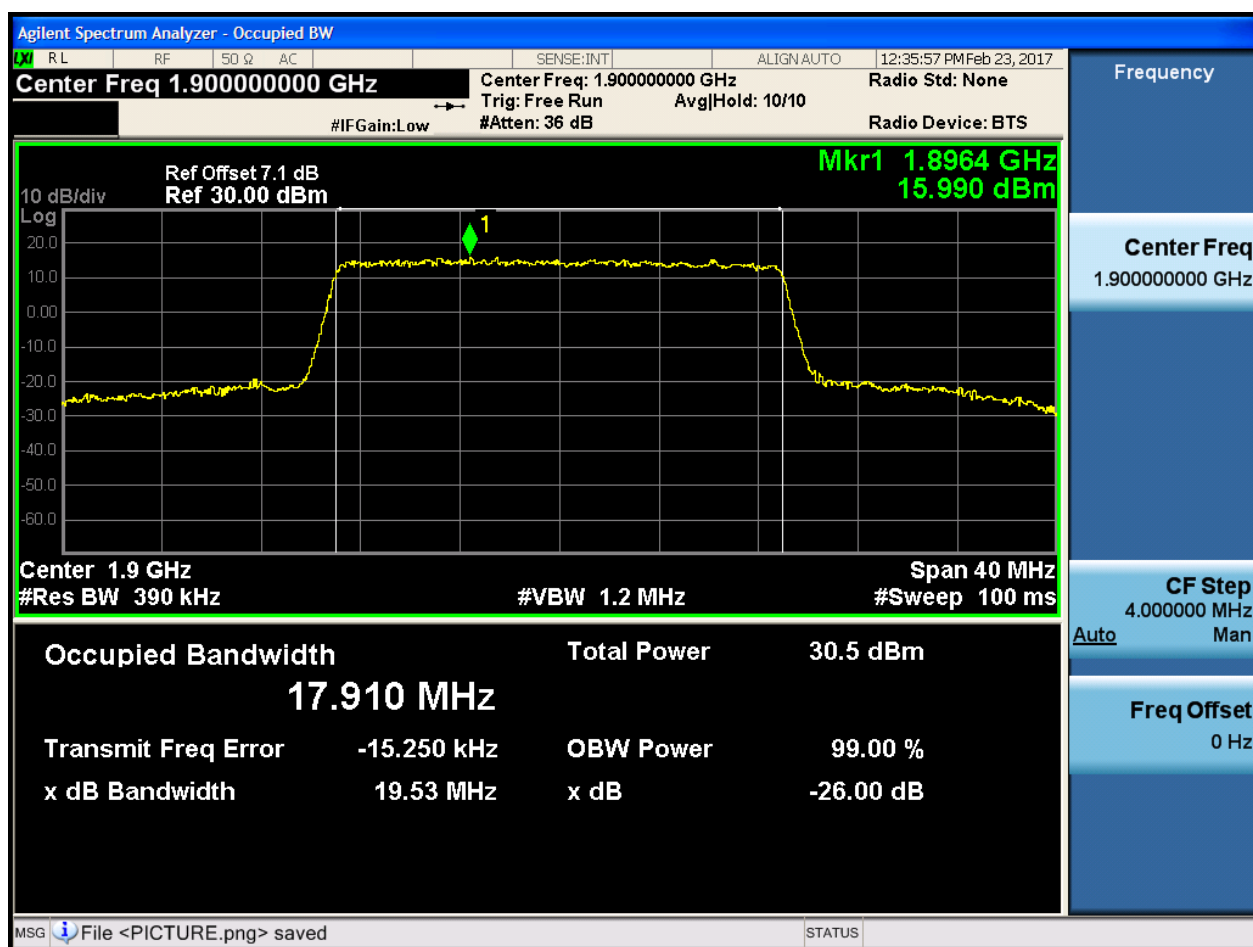
4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

5.1.1 Test Band = BAND2

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:36:30 PM Feb 23, 2017

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 71/100
#Atten: 36 dB

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

10 dB/div Log Ref Offset 7.1 dB Ref 30.00 dBm

Mkr1 1.849 360 GHz
-31.607 dBm

Center 1.850000 GHz #Res BW 15 kHz #VBW 43 kHz* Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.850000000 GHz

Start Freq
1.849000000 GHz

Stop Freq
1.851000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:36:44 PM Feb 23, 2017

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 7100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.849 990 GHz
-30.398 dBm

10 dB/div
Log

-13.00 dBm

Center 1.850000 GHz Span 2.000 MHz
#Res BW 15 kHz #VBW 43 kHz* #Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.850000000 GHz

Start Freq
1.849000000 GHz

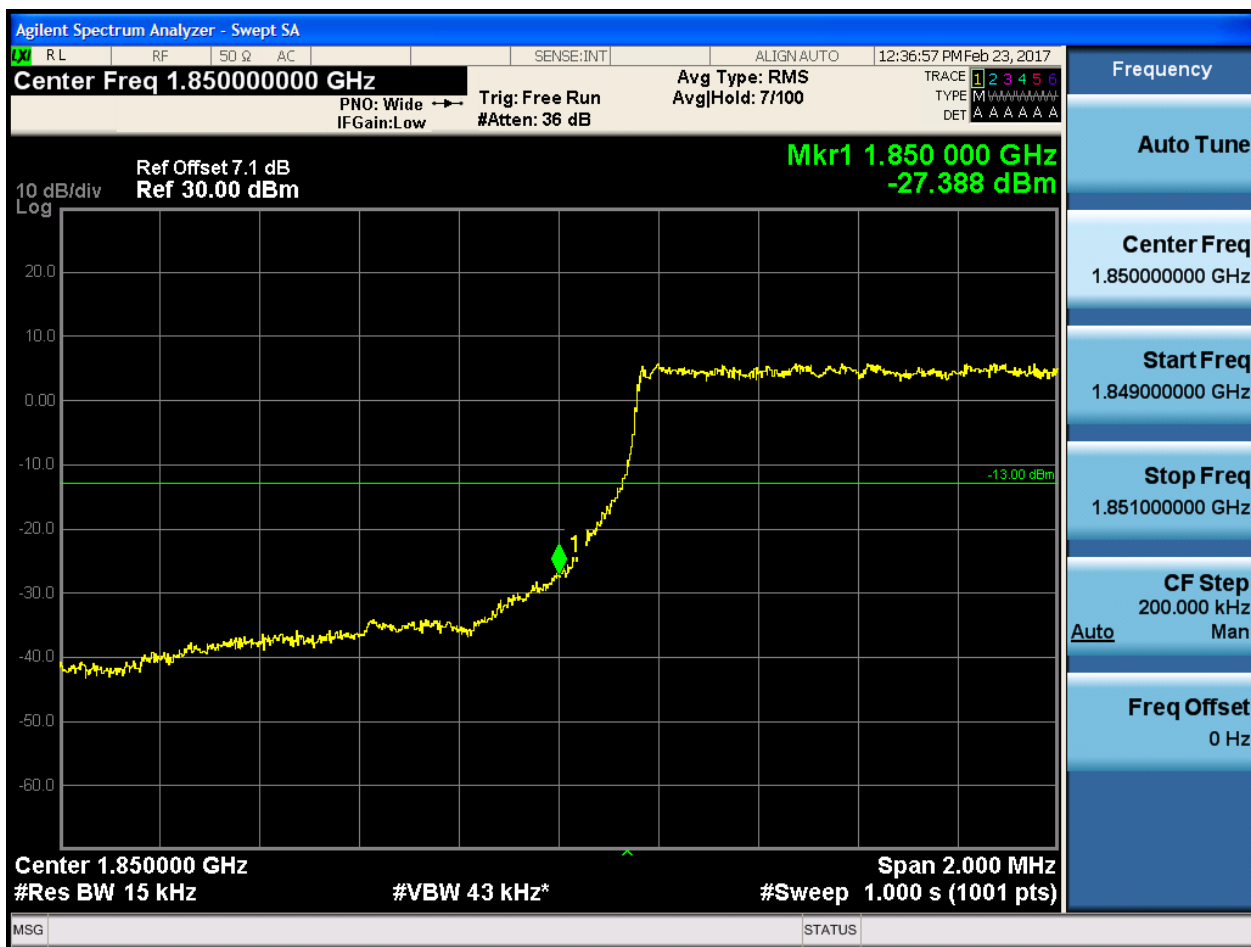
Stop Freq
1.851000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

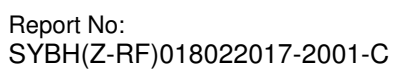


5.1.1.1.1.4 Test RB = RB6#0



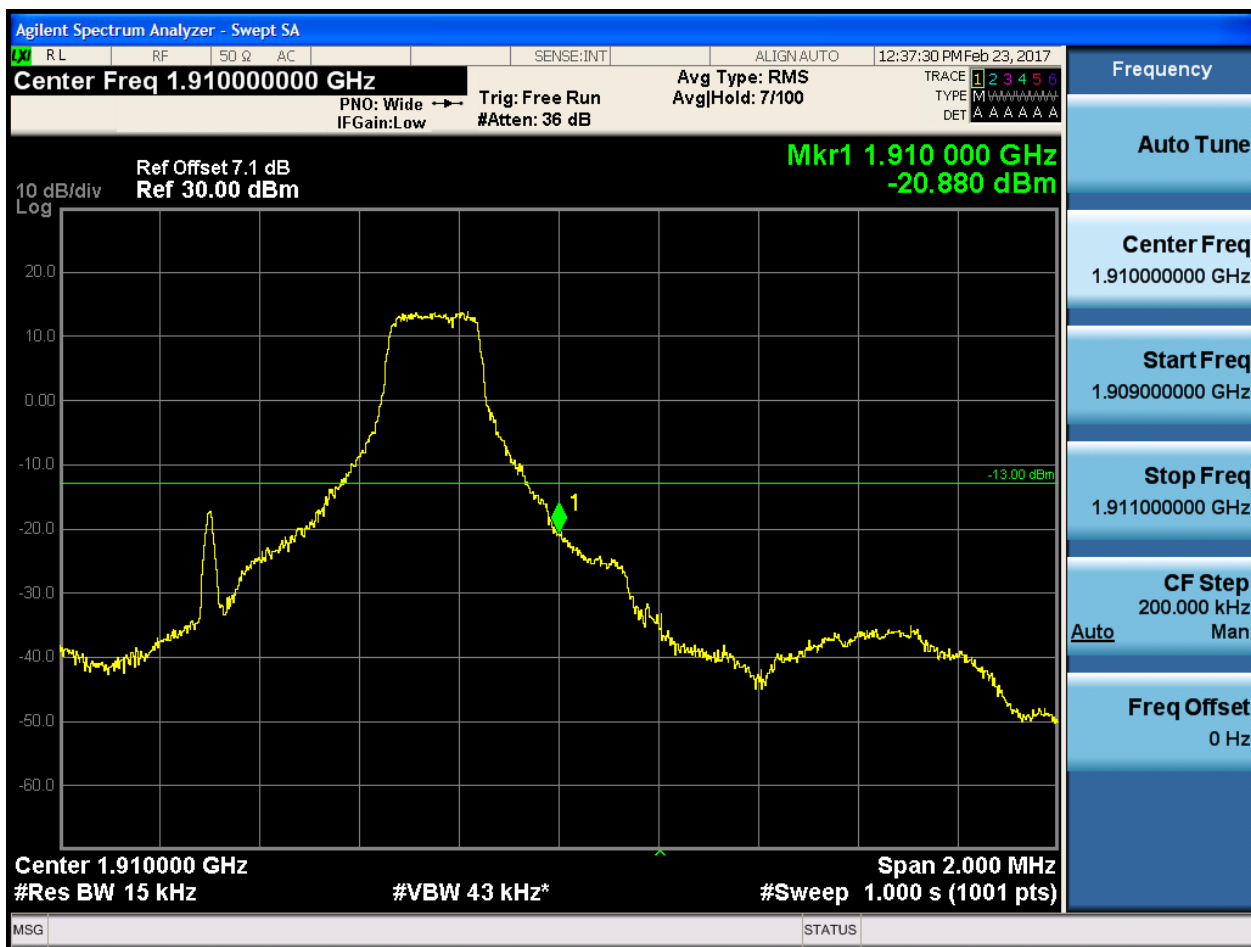


5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:37:44 PM Feb 23, 2017

Center Freq 1.91000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 7100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 010 GHz
-21.953 dBm

10 dB/div
Log

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

MSG STATUS

Frequency

Auto Tune

Center Freq
1.91000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

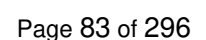


5.1.1.1.2.4 Test RB = RB6#0



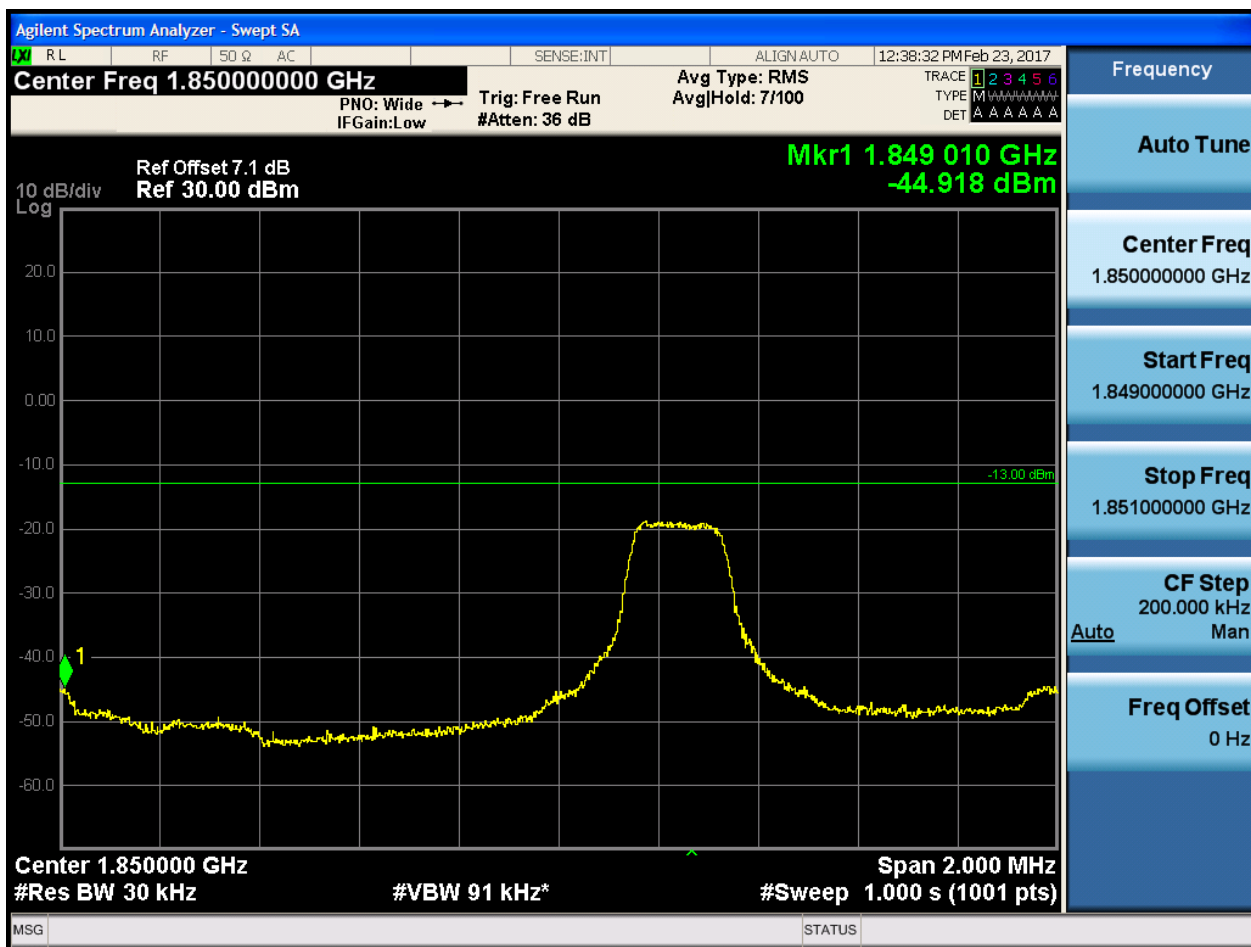


5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



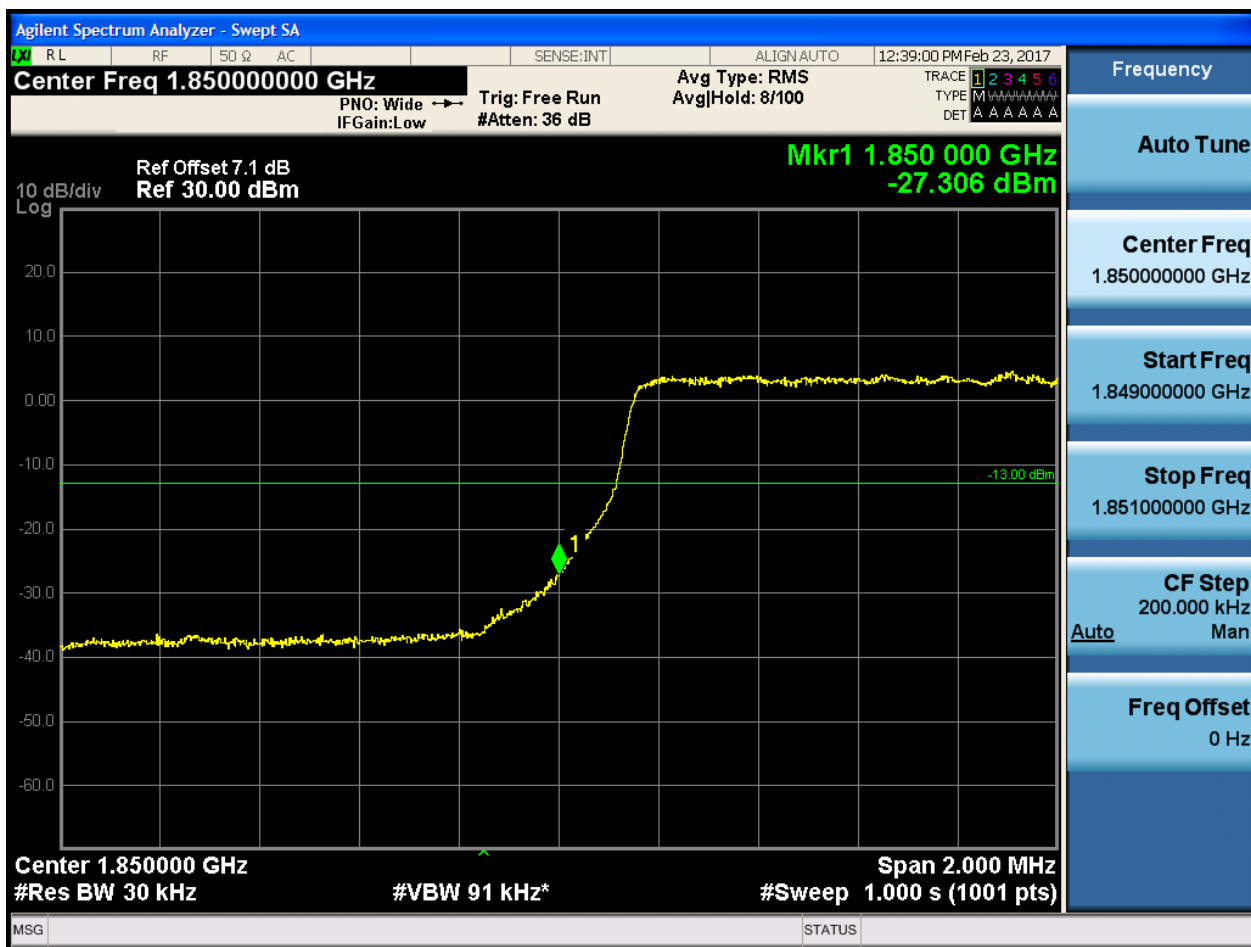


5.1.1.1.2.1.3 Test RB = RB8#4





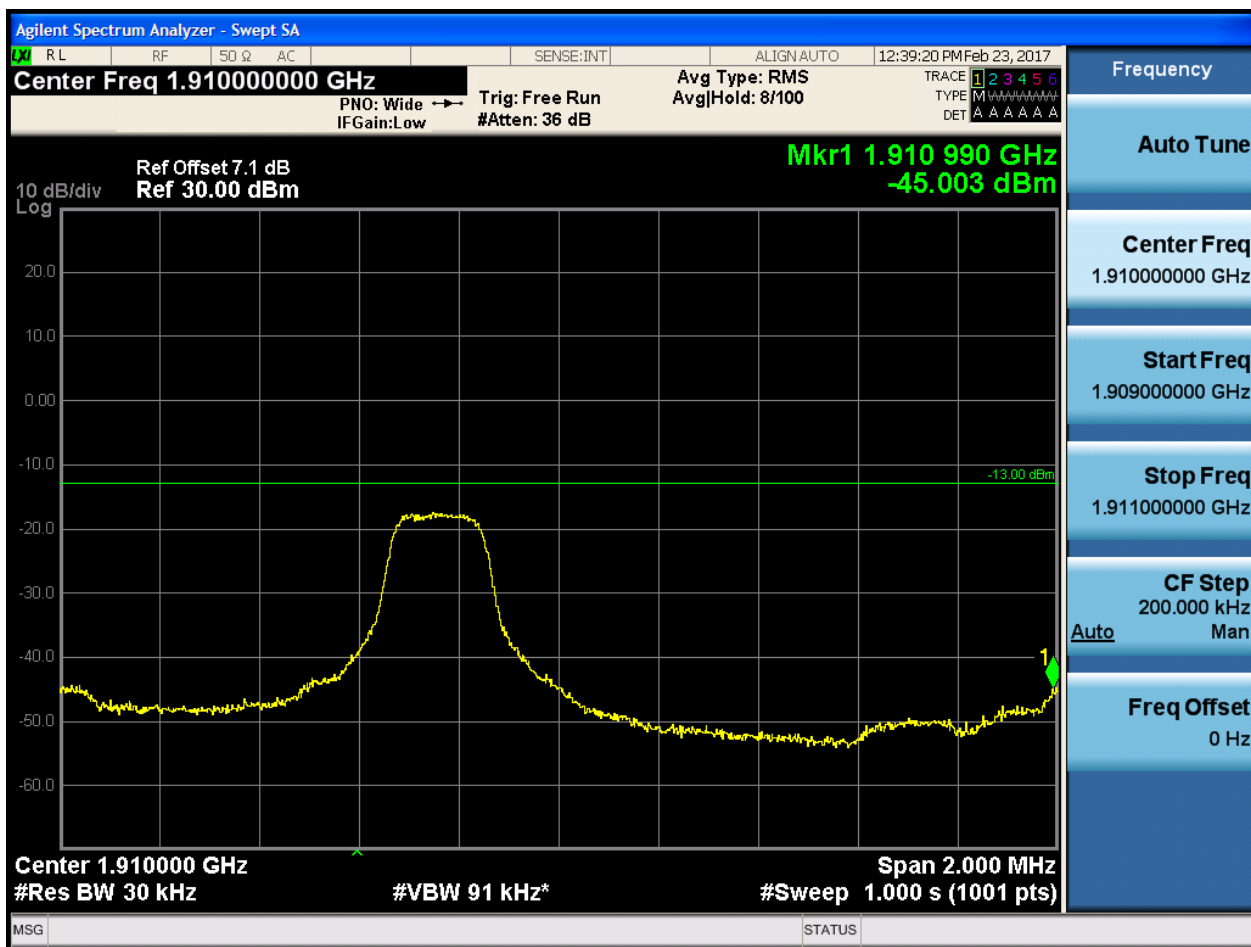
5.1.1.1.2.1.4 Test RB = RB15#0





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

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:39:34 PM Feb 23, 2017

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 8/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 000 GHz
-17.808 dBm

10 dB/div
Log

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

-13.00 dBm

1

Center 1.910000 GHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

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



5.1.1.1.2.2.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:40:03 PM Feb 23, 2017

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide Trig: Free Run AvgHold: 8/100
IFGain: Low #Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 010 GHz
-26.054 dBm

10 dB/div
Log

-13.00 dBm

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

Center 1.910000 GHz Span 2.000 MHz
#Res BW 30 kHz #VBW 91 kHz* #Sweep 1.000 s (1001 pts)

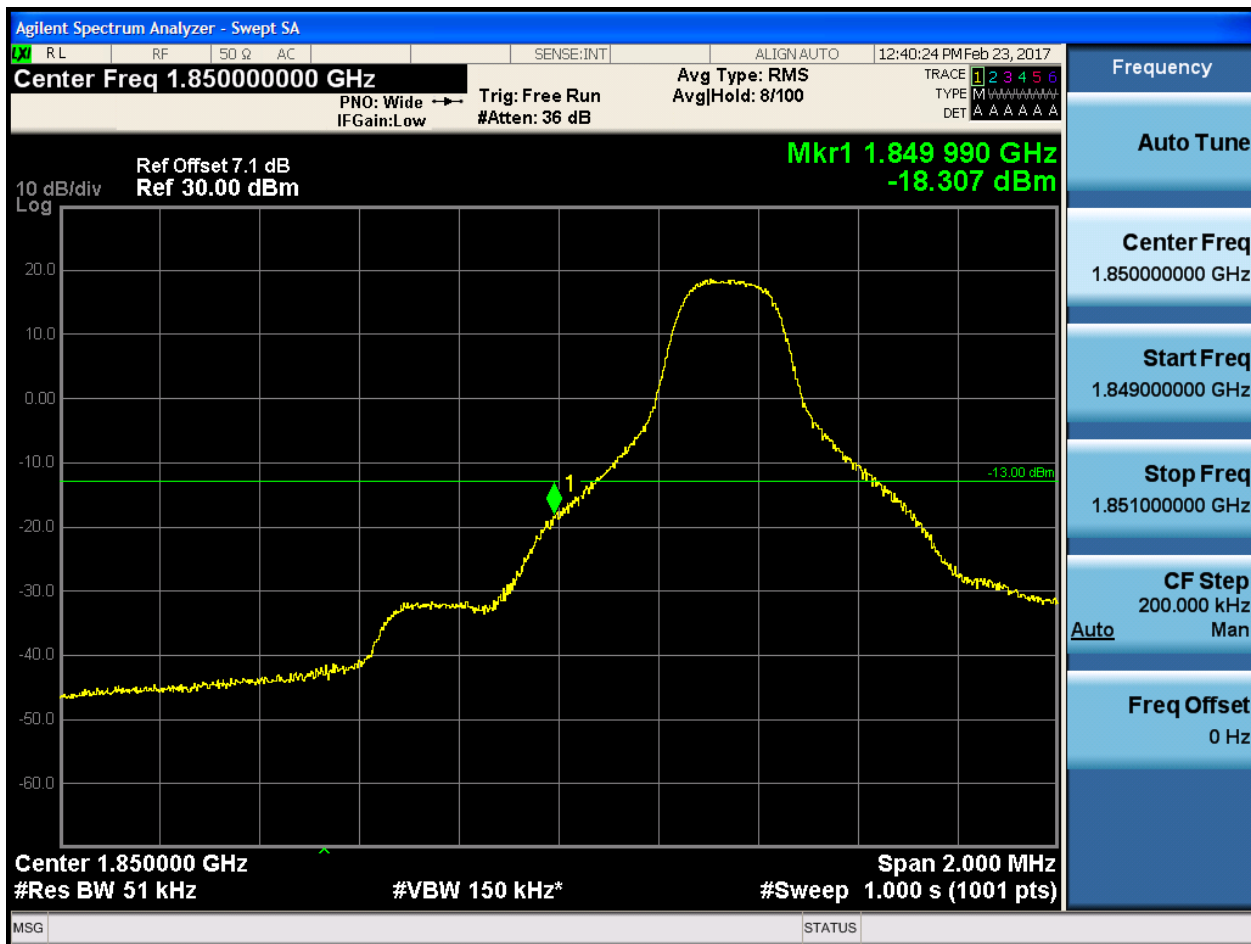
MSG STATUS



5.1.1.1.3 Test Bandwidth = 5

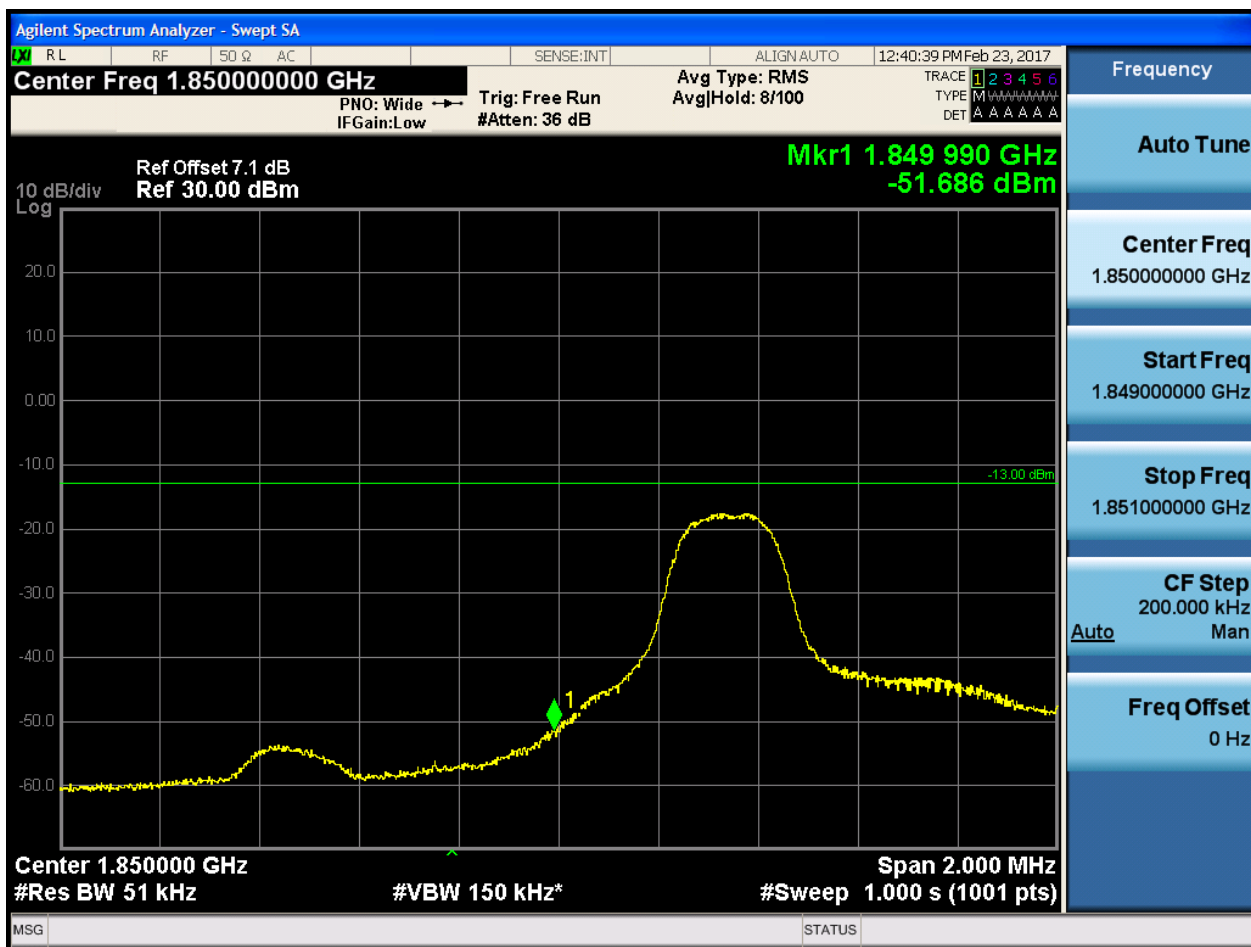
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:40:53 PM Feb 23, 2017

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 8/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.850 000 GHz
-32.006 dBm

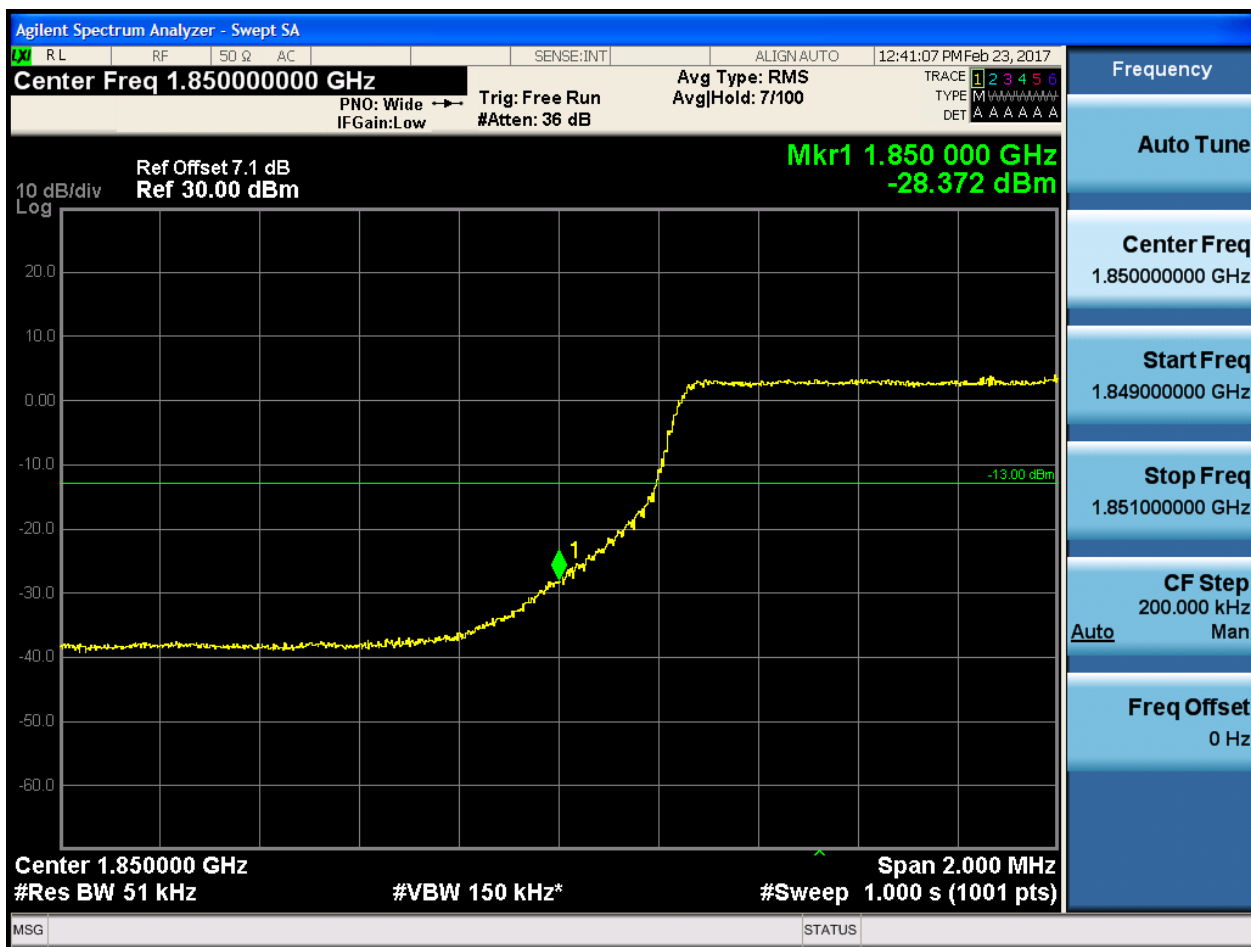
10 dB/div
Log

Center 1.850000 GHz
#Res BW 51 kHz #VBW 150 kHz* Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



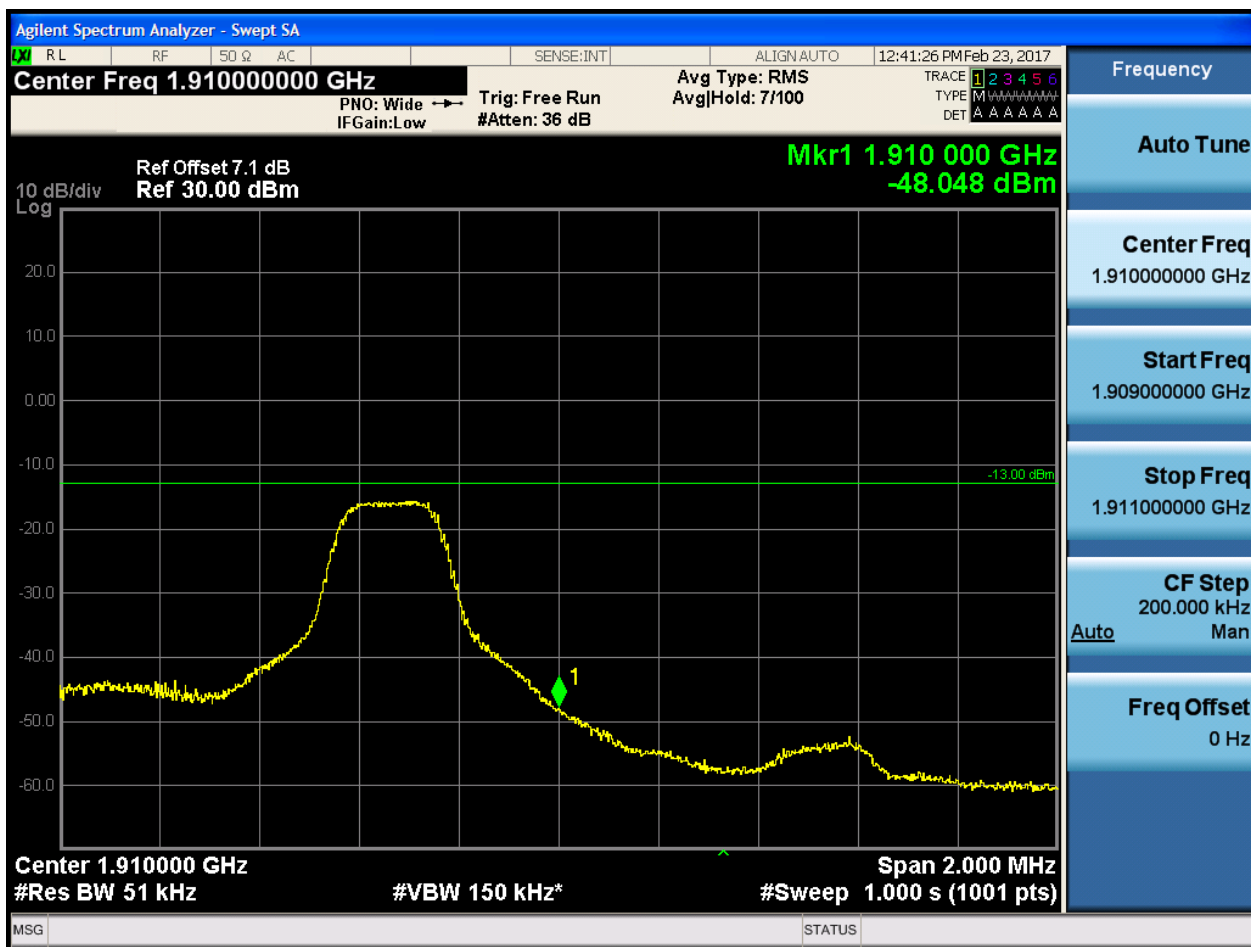
5.1.1.1.3.1.4 Test RB = RB25#0





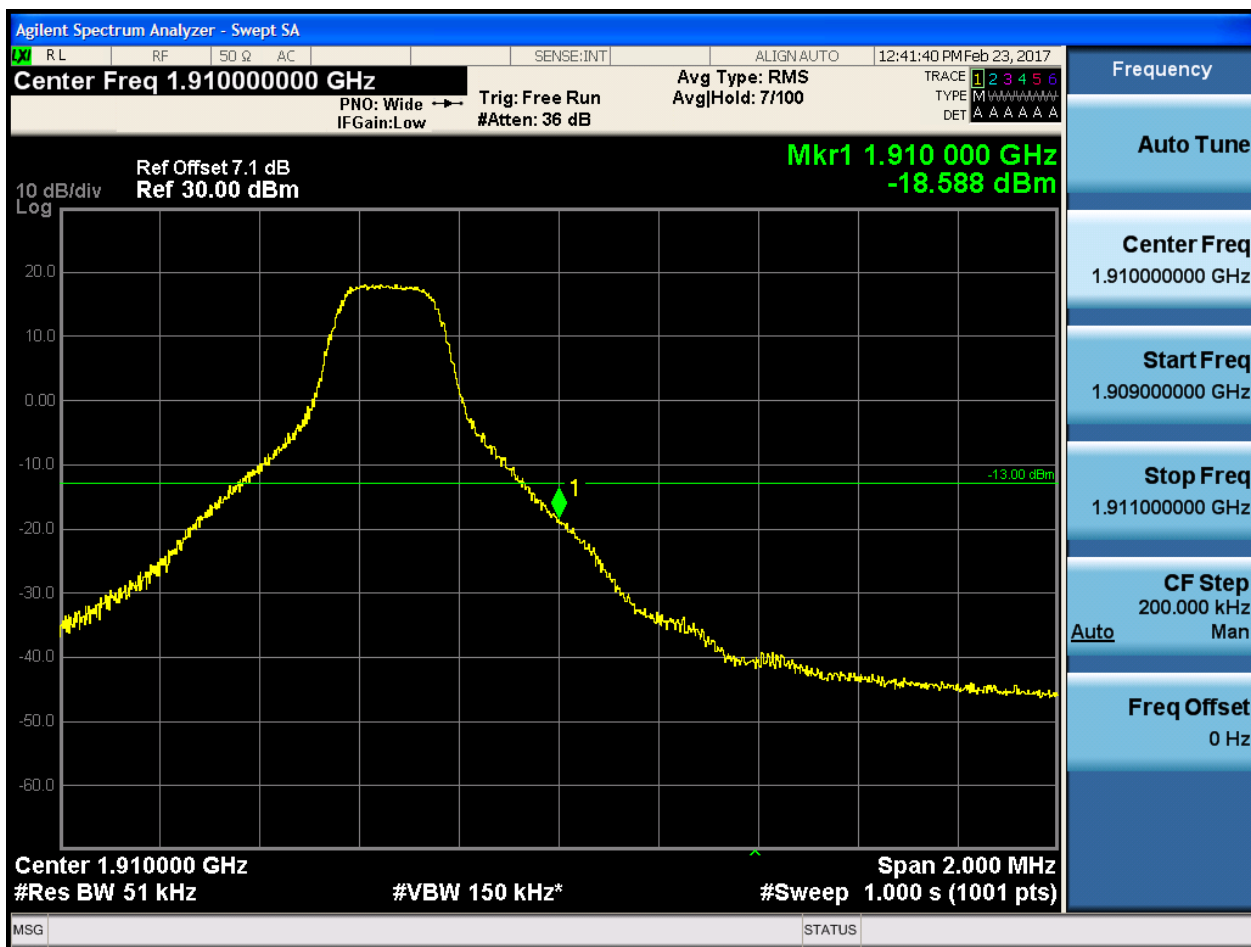
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:41:53 PM Feb 23, 2017

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 71/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 000 GHz
-30.415 dBm

10 dB/div
Log

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

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:42:07 PM Feb 23, 2017

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 7/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 010 GHz
-27.395 dBm

10 dB/div
Log

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

MSG STATUS

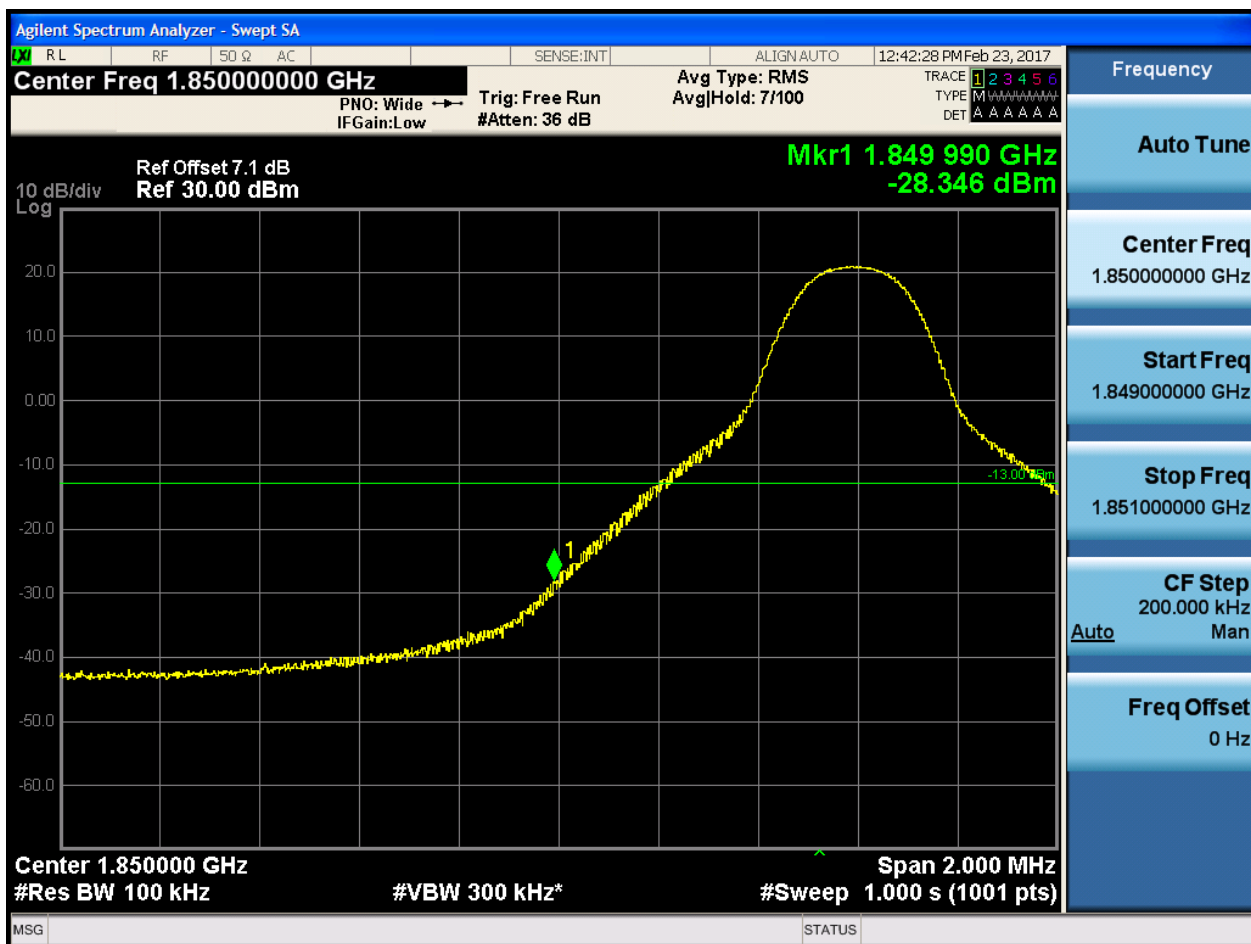
Frequency
Auto Tune
Center Freq
1.910000000 GHz
Start Freq
1.909000000 GHz
Stop Freq
1.911000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz



5.1.1.1.4 Test Bandwidth = 10

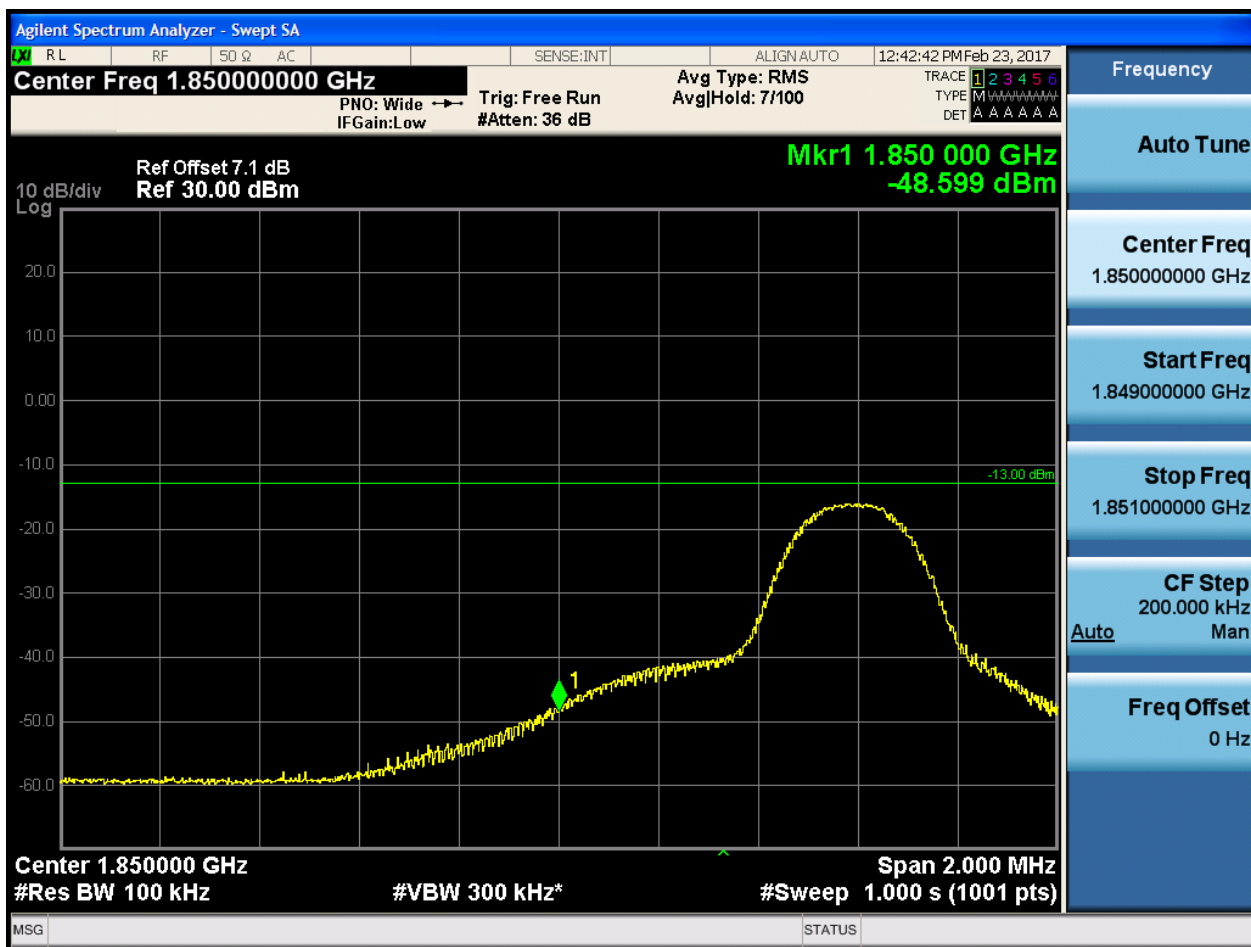
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.850000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.849 990 GHz
-32.802 dBm

Center 1.850000 GHz
#Res BW 100 kHz
#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Auto Tune

Center Freq
1.850000000 GHz

Start Freq
1.849000000 GHz

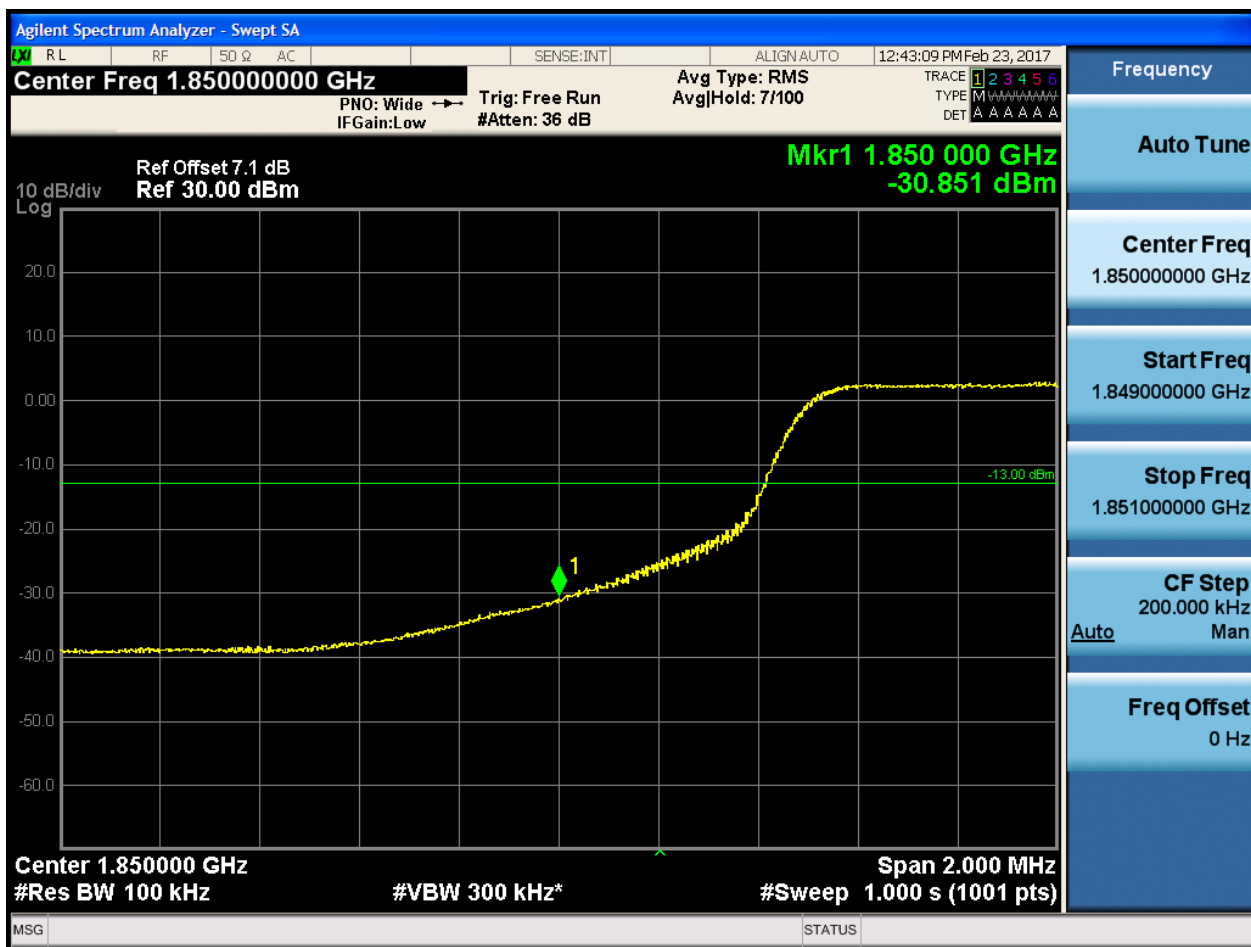
Stop Freq
1.851000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



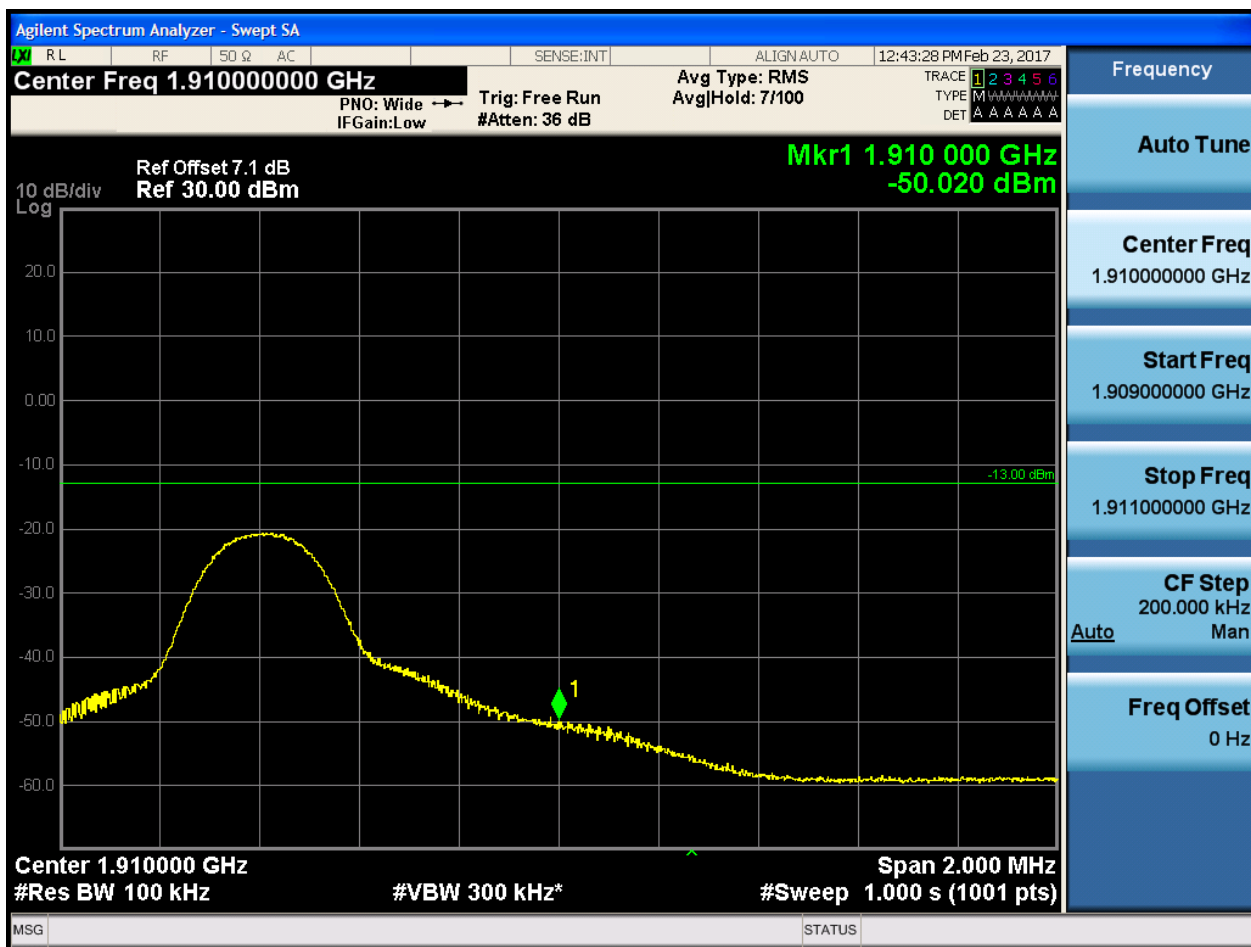
5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



[illegible]



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

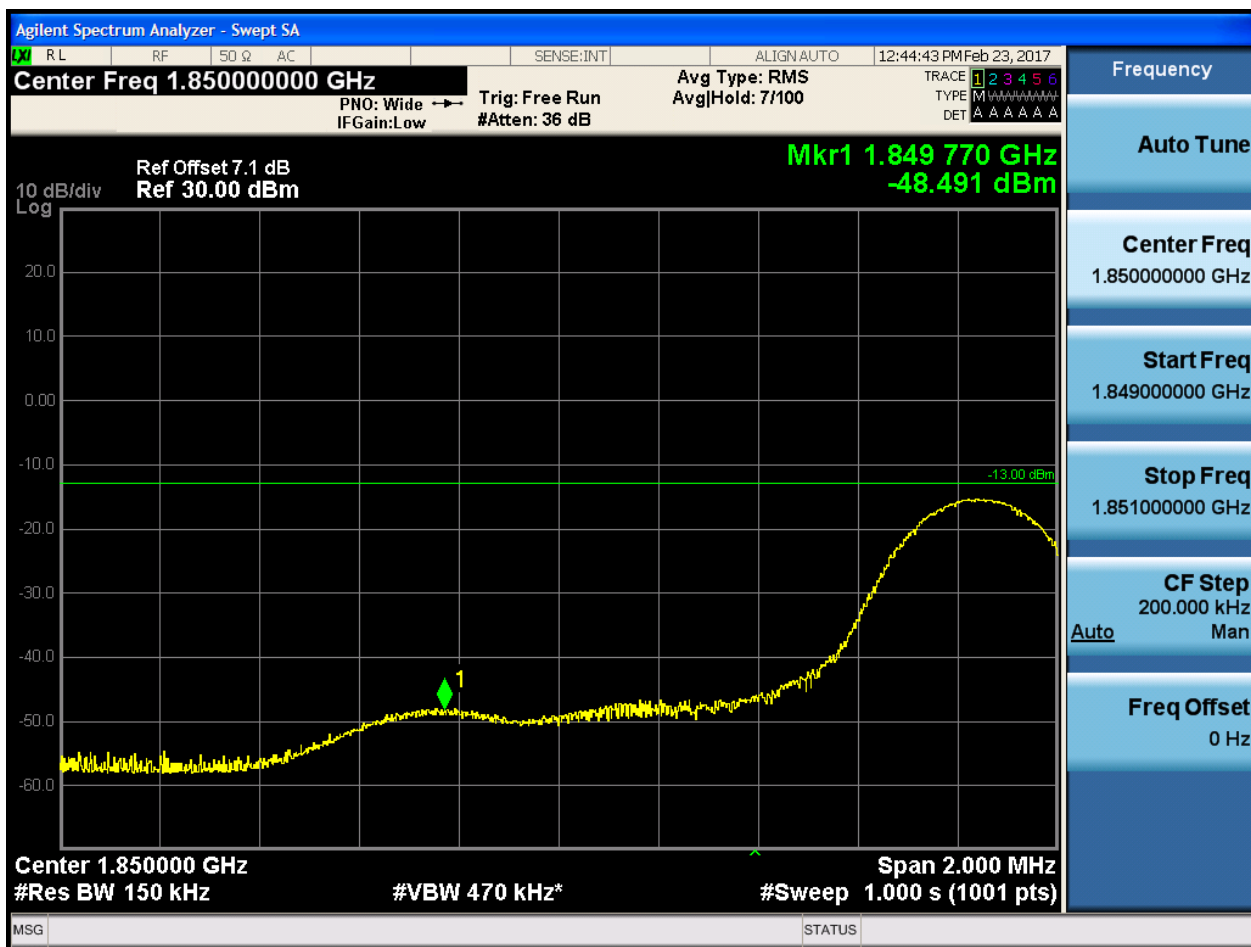
5.1.1.1.5.1 Test Channel = LCH

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:45:57 PM Feb 23, 2017

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 7/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 000 GHz
-31.779 dBm

10 dB/div
Log

-13.00 dBm

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

MSG STATUS

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



5.1.1.1.5.2.4 Test RB = RB75#0

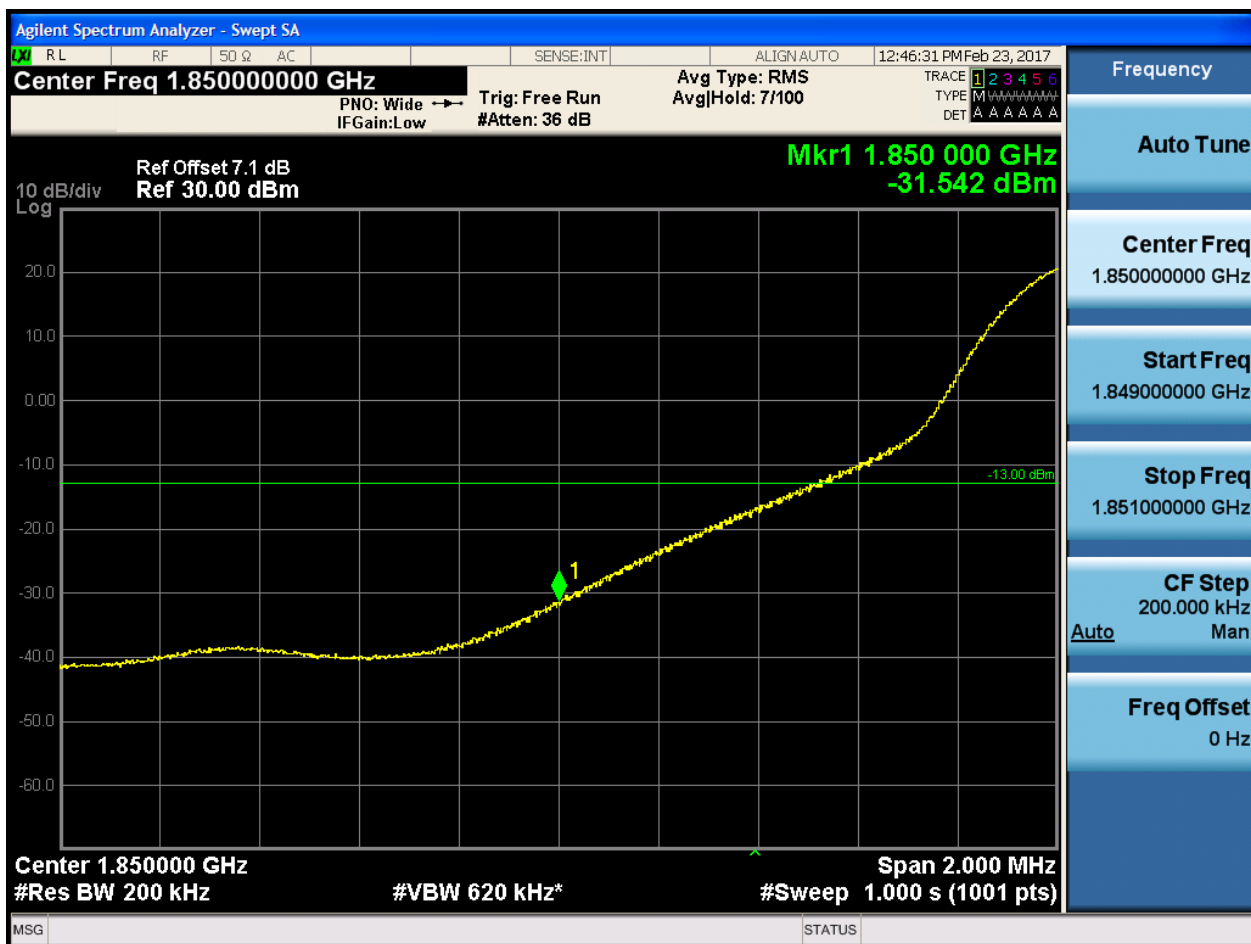




5.1.1.1.6 Test Bandwidth = 20

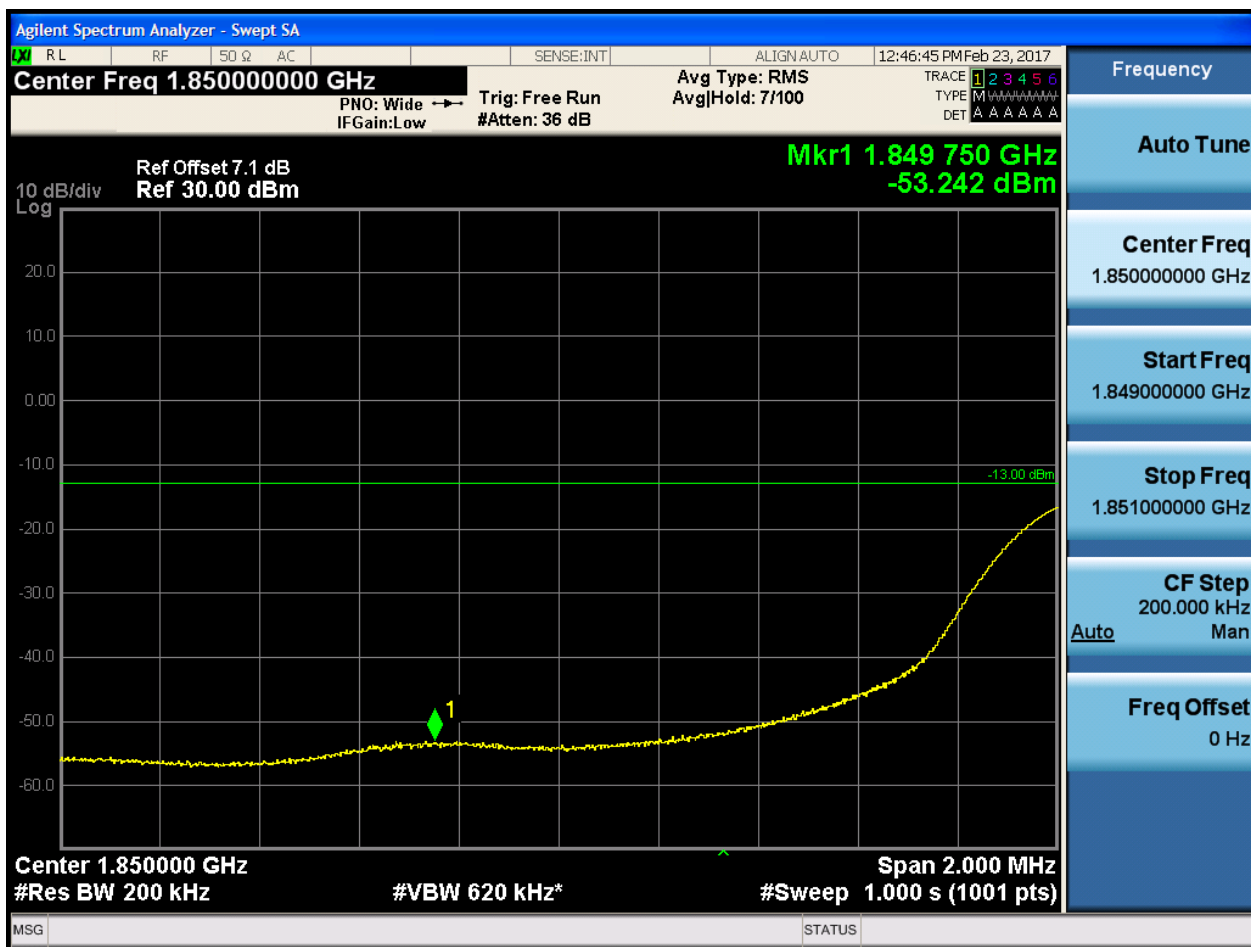
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0





5.1.1.1.6.1.2 Test RB = RB1#99





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.850000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.849 990 GHz
-35.916 dBm

Center 1.850000 GHz
#Res BW 200 kHz
#VBW 620 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Auto Tune

Center Freq
1.850000000 GHz

Start Freq
1.849000000 GHz

Stop Freq
1.851000000 GHz

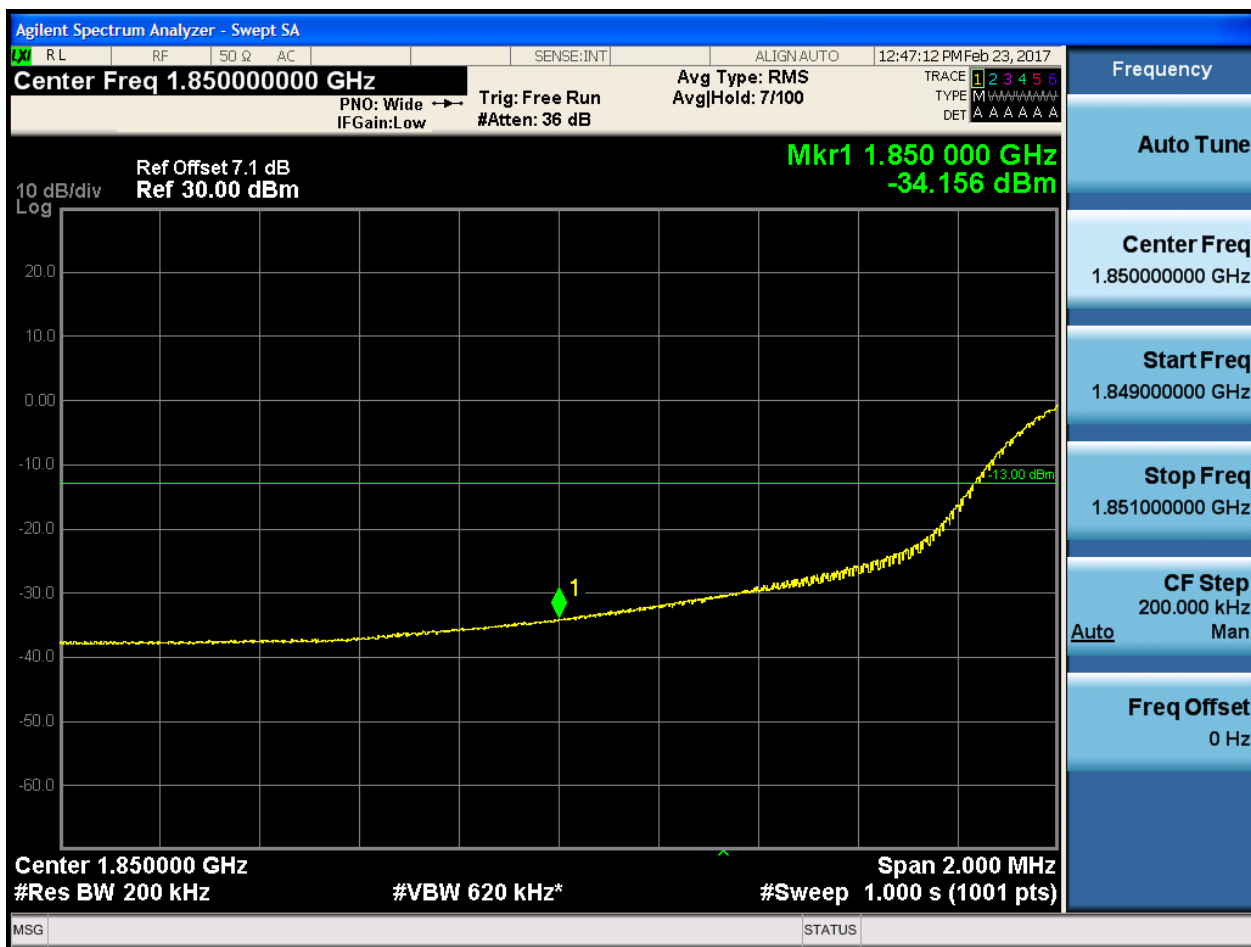
CF Step
200.000 kHz
Auto

Freq Offset
0 Hz

The image shows a screenshot of an Agilent Spectrum Analyzer in Swept SA mode. The main display is a log-frequency plot with a yellow trace representing the spectrum. A green marker labeled '1' is positioned at 1.849990 GHz with a level of -35.916 dBm. The center frequency is set to 1.850000 GHz, and the span is 2.000 MHz. The resolution bandwidth (Res BW) is 200 kHz, and the video bandwidth (VBW) is 620 kHz. The reference level is 30.00 dBm, and the offset is 7.1 dB. The trace is set to RMS average type. The right side of the screen features a control panel with buttons for Auto Tune, Center Freq, Start Freq, Stop Freq, CF Step, and Freq Offset. The bottom status bar shows MSG and STATUS indicators.

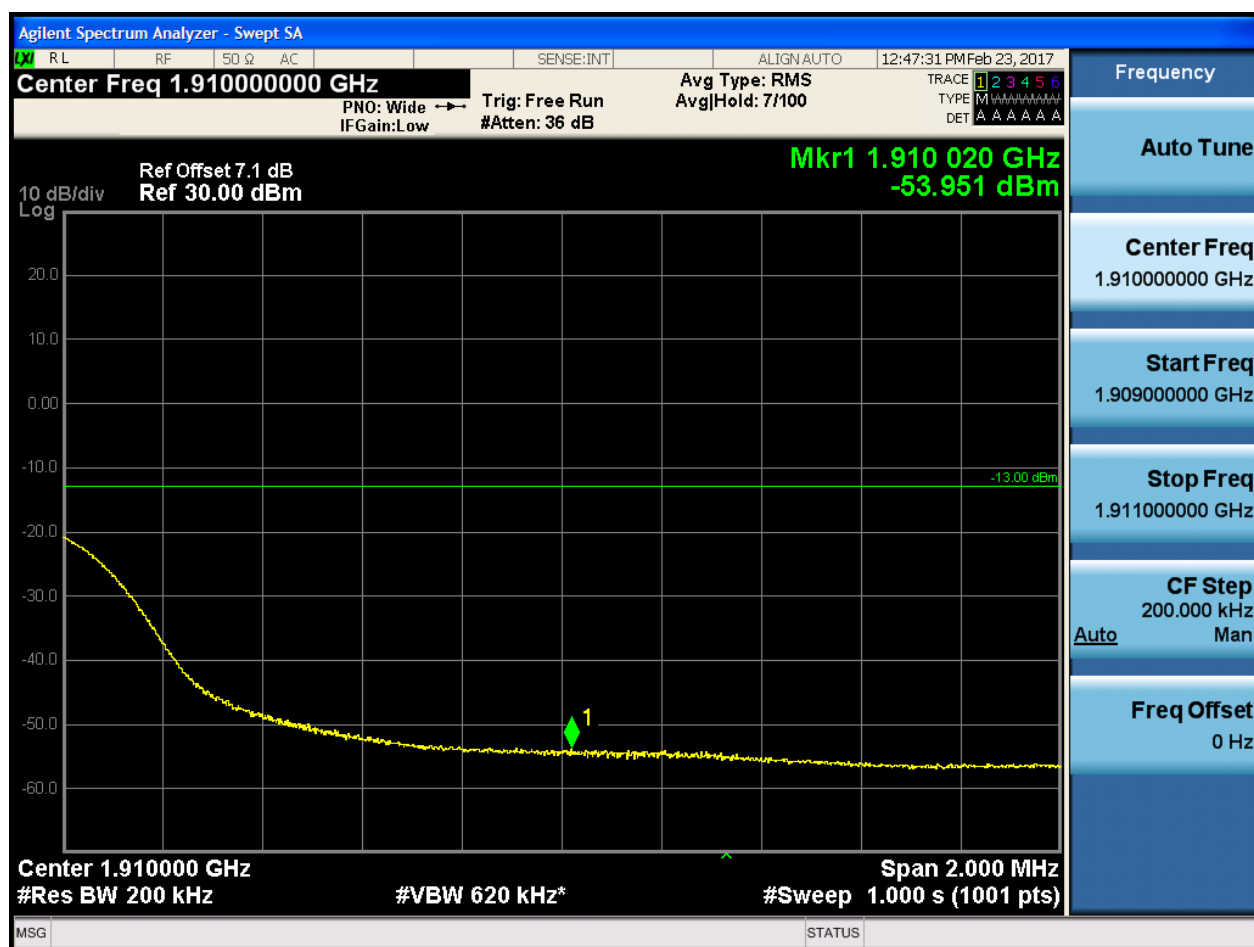


5.1.1.1.6.1.4 Test RB = RB100#0



5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:47:45 PM Feb 23, 2017

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain: Low Trig: Free Run AvgHold: 71/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 010 GHz
-30.553 dBm

10 dB/div
Log

-13.00 dBm

Center 1.910000 GHz
#Res BW 200 kHz
#VBW 620 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:47:58 PM Feb 23, 2017

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 71/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 010 GHz
-31.925 dBm

10 dB/div
Log

-13.00 dBm

Center 1.910000 GHz Span 2.000 MHz
#Res BW 200 kHz #VBW 620 kHz* #Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

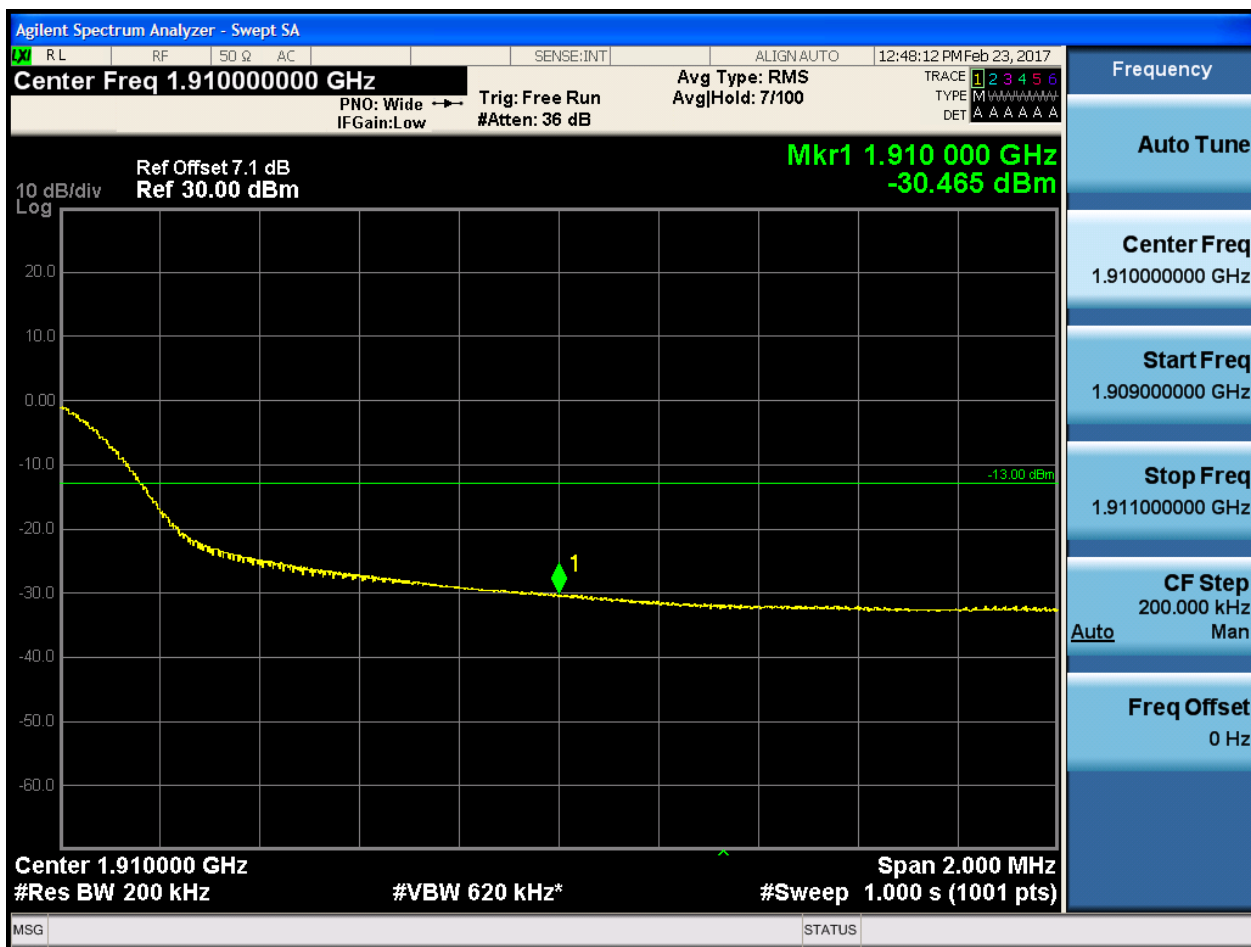
Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



5.1.1.1.6.2.4 Test RB = RB100#0



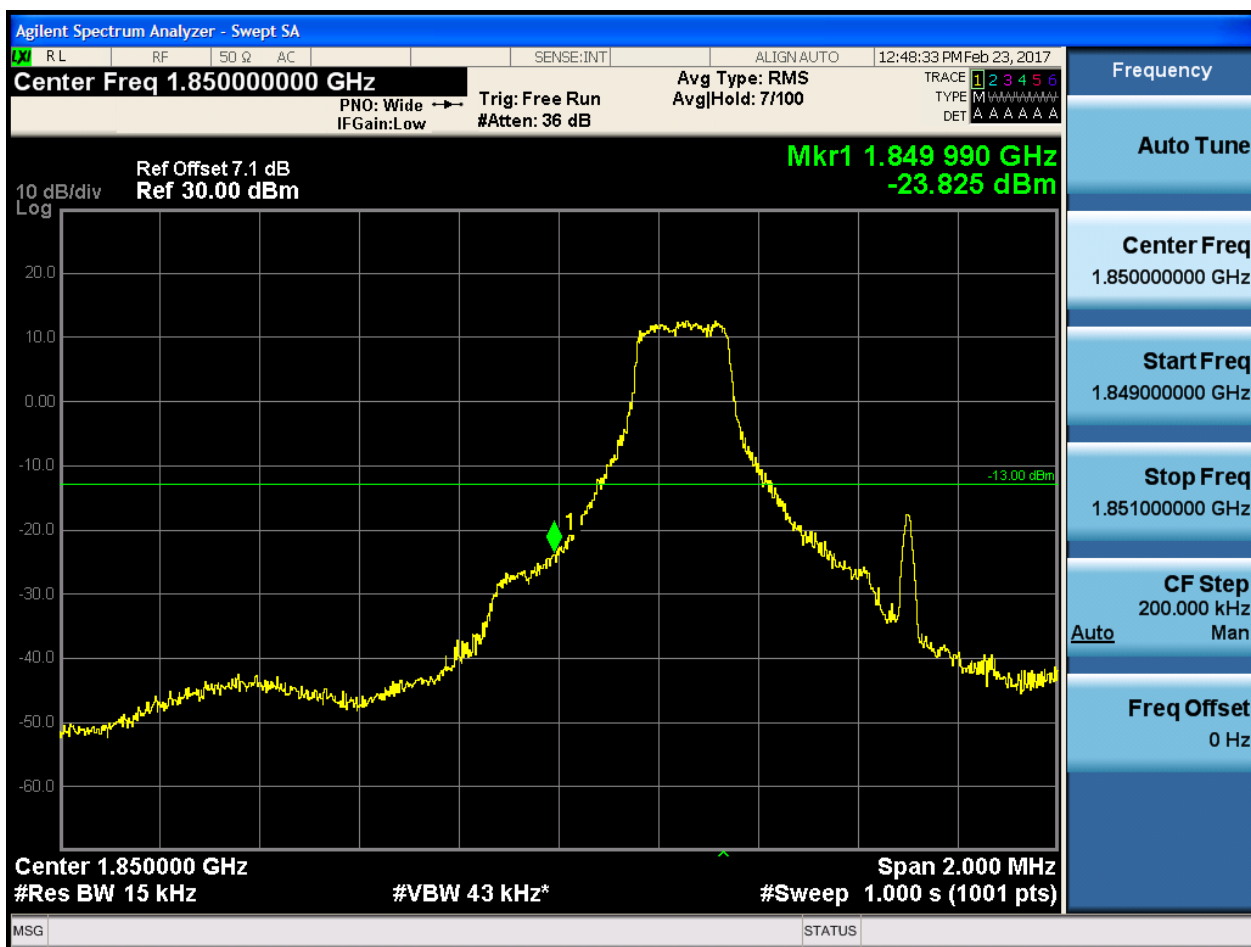


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

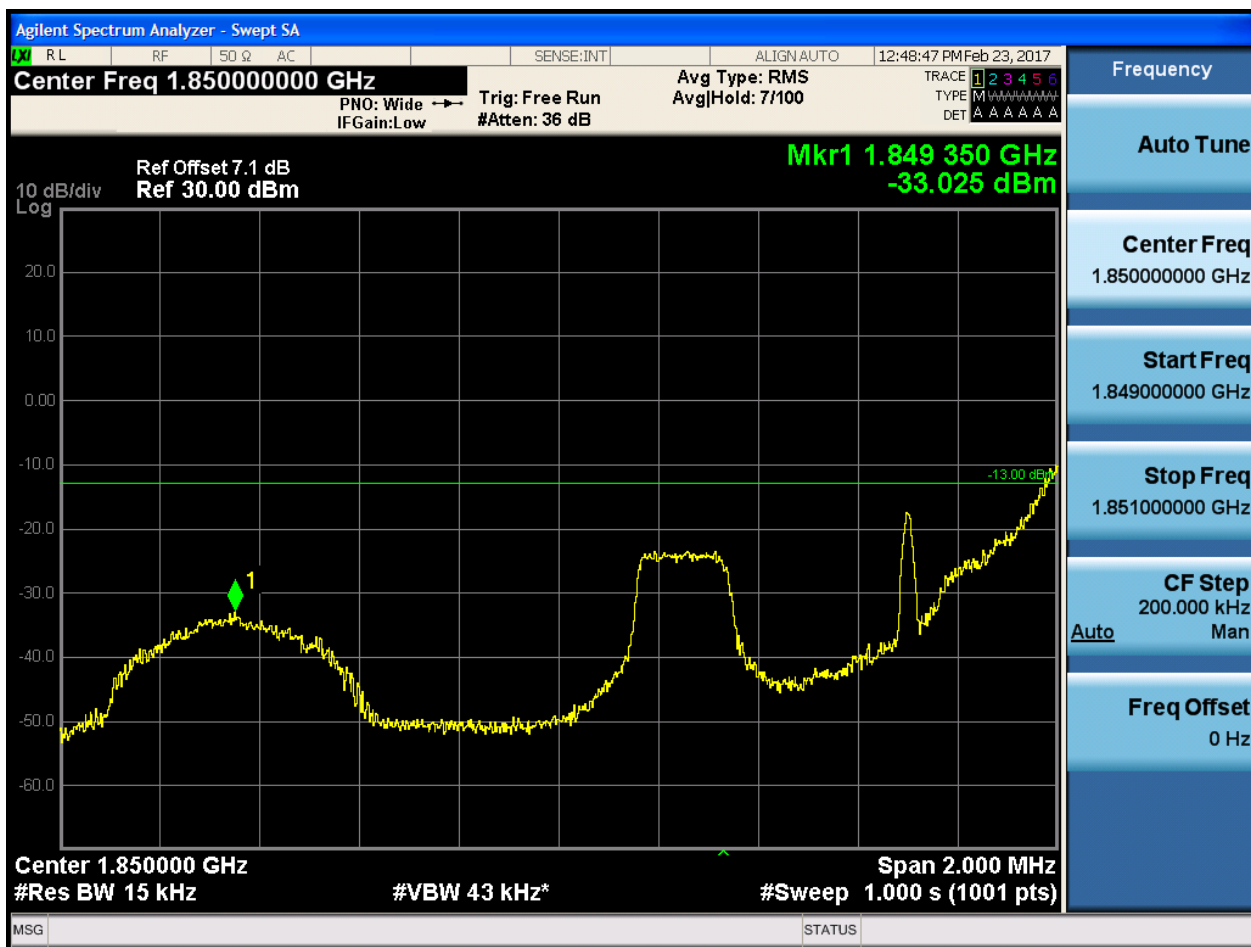
5.1.1.2.1.1 Test Channel = LCH

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

