



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
BAND4	LTE/TM1	1.4	LCH	RB1#0	23.35	22.05	30	PASS
				RB1#3	23.48	22.28	30	PASS
				RB1#5	23.48	21.95	30	PASS
				RB3#0	23.49	22.26	30	PASS
				RB3#2	23.53	22.09	30	PASS
				RB3#3	23.54	22.31	30	PASS
			MCH	RB6#0	22.45	20.87	30	PASS
				RB1#0	22.72	21.17	30	PASS
				RB1#3	22.92	21.40	30	PASS
				RB1#5	22.78	21.44	30	PASS
				RB3#0	22.78	21.19	30	PASS
				RB3#2	22.88	21.54	30	PASS
				RB3#3	22.84	21.30	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.85	20.53	30	PASS
			HCH	RB1#0	23.34	21.89	30	PASS
				RB1#3	23.46	22.09	30	PASS
				RB1#5	23.19	21.94	30	PASS
				RB3#0	23.43	22.14	30	PASS
				RB3#2	23.42	21.85	30	PASS
				RB3#3	23.35	21.79	30	PASS
				RB6#0	22.31	21.10	30	PASS
		3	LCH	RB1#0	23.41	22.08	30	PASS
				RB1#7	23.69	22.14	30	PASS
				RB1#14	23.36	21.80	30	PASS
				RB8#0	22.39	20.86	30	PASS
				RB8#4	22.44	20.87	30	PASS
				RB8#7	22.36	20.94	30	PASS
				RB15#0	22.33	20.81	30	PASS
			MCH	RB1#0	22.63	21.04	30	PASS
				RB1#7	22.9	21.50	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.79	21.58	30	PASS
				RB8#0	21.81	20.47	30	PASS
				RB8#4	21.88	20.53	30	PASS
				RB8#7	21.85	20.56	30	PASS
				RB15#0	21.83	20.39	30	PASS
			HCH	RB1#0	23.47	22.13	30	PASS
				RB1#7	23.52	22.00	30	PASS
				RB1#14	23.12	21.80	30	PASS
				RB8#0	22.5	20.98	30	PASS
				RB8#4	22.42	21.01	30	PASS
				RB8#7	22.28	20.96	30	PASS
				RB15#0	22.35	21.06	30	PASS
		5	LCH	RB1#0	23.34	21.83	30	PASS
				RB1#13	23.62	22.09	30	PASS
				RB1#24	23.14	21.68	30	PASS
				RB12#0	22.4	21.12	30	PASS
				RB12#6	22.54	21.16	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	22.34	21.14	30	PASS
				RB25#0	22.38	20.94	30	PASS
			MCH	RB1#0	22.55	21.15	30	PASS
				RB1#13	22.9	21.54	30	PASS
				RB1#24	22.68	21.32	30	PASS
				RB12#0	21.72	20.36	30	PASS
				RB12#6	21.83	20.62	30	PASS
				RB12#13	21.86	20.27	30	PASS
				RB25#0	21.78	20.30	30	PASS
			HCH	RB1#0	23.63	22.30	30	PASS
				RB1#13	23.66	22.24	30	PASS
				RB1#24	23.11	21.85	30	PASS
				RB12#0	22.57	21.25	30	PASS
				RB12#6	22.55	21.18	30	PASS
				RB12#13	22.31	21.04	30	PASS
				RB25#0	22.24	20.84	30	PASS
		10	LCH	RB1#0	23.3	22.01	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	23.61	22.40	30	PASS
				RB1#49	22.92	21.59	30	PASS
				RB25#0	22.36	20.85	30	PASS
				RB25#13	22.51	21.04	30	PASS
				RB25#25	22.24	20.72	30	PASS
				RB50#0	22.29	21.00	30	PASS
			MCH	RB1#0	22.49	21.08	30	PASS
				RB1#25	22.93	21.72	30	PASS
				RB1#49	22.79	21.51	30	PASS
				RB25#0	21.68	20.17	30	PASS
				RB25#13	21.81	20.38	30	PASS
				RB25#25	21.71	20.48	30	PASS
				RB50#0	21.77	20.34	30	PASS
			HCH	RB1#0	23.19	21.74	30	PASS
				RB1#25	23.79	22.19	30	PASS
				RB1#49	23.08	21.61	30	PASS
				RB25#0	22.26	20.95	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	22.57	21.36	30	PASS
				RB25#25	22.28	20.81	30	PASS
				RB50#0	22.15	20.84	30	PASS
		15	LCH	RB1#0	23.41	22.07	30	PASS
				RB1#38	23.34	21.84	30	PASS
				RB1#74	22.49	20.97	30	PASS
				RB38#0	22.39	20.90	30	PASS
				RB38#19	22.18	20.73	30	PASS
				RB38#39	21.71	20.39	30	PASS
				RB75#0	22.11	20.64	30	PASS
			MCH	RB1#0	22.47	21.22	30	PASS
				RB1#38	22.9	21.42	30	PASS
				RB1#74	22.94	21.59	30	PASS
				RB38#0	21.59	20.24	30	PASS
				RB38#19	21.77	20.56	30	PASS
				RB38#39	21.86	20.57	30	PASS
				RB75#0	21.78	20.53	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.13	21.67	30	PASS
				RB1#38	23.54	22.16	30	PASS
				RB1#74	23.2	21.82	30	PASS
				RB38#0	22.36	20.86	30	PASS
				RB38#19	22.41	20.87	30	PASS
				RB38#39	22.51	21.20	30	PASS
				RB75#0	22.37	20.95	30	PASS
		20	LCH	RB1#0	23.12	21.81	30	PASS
				RB1#50	23.23	21.98	30	PASS
				RB1#99	22.73	21.27	30	PASS
				RB50#0	22.05	20.49	30	PASS
				RB50#25	21.86	20.46	30	PASS
				RB50#50	21.71	20.46	30	PASS
				RB100#0	21.99	20.51	30	PASS
			MCH	RB1#0	22.47	20.88	30	PASS
				RB1#50	23.01	21.59	30	PASS
				RB1#99	23.17	21.66	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.68	20.14	30	PASS
				RB50#25	21.74	20.42	30	PASS
				RB50#50	21.77	20.51	30	PASS
				RB100#0	21.81	20.23	30	PASS
			HCH	RB1#0	23.05	21.80	30	PASS
				RB1#50	23.76	22.34	30	PASS
				RB1#99	23.39	21.95	30	PASS
				RB50#0	22.12	20.62	30	PASS
				RB50#25	22.32	20.85	30	PASS
				RB50#50	22.39	21.15	30	PASS
				RB100#0	22.22	20.73	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.34	20.86	30	PASS
				RB1#3	22.57	21.05	30	PASS
				RB1#5	22.5	21.27	30	PASS
				RB3#0	22.38	20.81	30	PASS
				RB3#2	22.65	21.43	30	PASS
				RB3#3	22.63	21.07	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.34	19.97	30	PASS
			MCH	RB1#0	21.77	20.30	30	PASS
				RB1#3	21.94	20.44	30	PASS
				RB1#5	21.82	20.57	30	PASS
				RB3#0	21.78	20.47	30	PASS
				RB3#2	21.88	20.35	30	PASS
				RB3#3	21.79	20.31	30	PASS
				RB6#0	20.71	19.16	30	PASS
			HCH	RB1#0	22.51	21.11	30	PASS
				RB1#3	22.55	21.14	30	PASS
				RB1#5	22.38	20.82	30	PASS
				RB3#0	22.33	20.88	30	PASS
				RB3#2	22.44	20.93	30	PASS
				RB3#3	22.4	20.93	30	PASS
				RB6#0	21.18	19.97	30	PASS
		3	LCH	RB1#0	22.26	20.72	30	PASS
				RB1#7	22.79	21.30	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.25	20.91	30	PASS
				RB8#0	21.35	19.87	30	PASS
				RB8#4	21.39	19.87	30	PASS
				RB8#7	21.26	19.67	30	PASS
				RB15#0	21.29	20.05	30	PASS
			MCH	RB1#0	21.55	20.33	30	PASS
				RB1#7	21.87	20.29	30	PASS
				RB1#14	21.74	20.28	30	PASS
				RB8#0	20.66	19.33	30	PASS
				RB8#4	20.71	19.17	30	PASS
				RB8#7	20.76	19.18	30	PASS
				RB15#0	20.72	19.41	30	PASS
			HCH	RB1#0	22.47	21.01	30	PASS
				RB1#7	22.54	21.24	30	PASS
				RB1#14	22	20.41	30	PASS
				RB8#0	21.3	20.04	30	PASS
				RB8#4	21.21	19.78	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	21.15	19.82	30	PASS
				RB15#0	21.13	19.86	30	PASS
		5	LCH	RB1#0	22.43	20.92	30	PASS
				RB1#13	22.84	21.58	30	PASS
				RB1#24	22.33	20.99	30	PASS
				RB12#0	21.37	19.80	30	PASS
				RB12#6	21.4	19.90	30	PASS
				RB12#13	21.21	19.91	30	PASS
				RB25#0	21.24	20.04	30	PASS
			MCH	RB1#0	21.54	20.27	30	PASS
				RB1#13	21.89	20.55	30	PASS
				RB1#24	21.63	20.21	30	PASS
				RB12#0	20.61	19.13	30	PASS
				RB12#6	20.69	19.44	30	PASS
				RB12#13	20.79	19.48	30	PASS
				RB25#0	20.67	19.33	30	PASS
			HCH	RB1#0	22.58	21.19	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.63	21.11	30	PASS
				RB1#24	22.09	20.55	30	PASS
				RB12#0	21.43	20.00	30	PASS
				RB12#6	21.37	19.86	30	PASS
				RB12#13	21.14	19.76	30	PASS
				RB25#0	21.01	19.62	30	PASS
		10	LCH	RB1#0	22.17	20.58	30	PASS
				RB1#25	22.53	21.20	30	PASS
				RB1#49	21.85	20.60	30	PASS
				RB25#0	21.22	19.99	30	PASS
				RB25#13	21.34	19.92	30	PASS
				RB25#25	21.09	19.67	30	PASS
				RB50#0	21.15	19.59	30	PASS
			MCH	RB1#0	21.55	20.27	30	PASS
				RB1#25	21.96	20.52	30	PASS
				RB1#49	21.8	20.45	30	PASS
				RB25#0	20.63	19.31	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.7	19.34	30	PASS
				RB25#25	20.62	19.33	30	PASS
				RB50#0	20.67	19.14	30	PASS
			HCH	RB1#0	22.2	20.84	30	PASS
				RB1#25	22.81	21.33	30	PASS
				RB1#49	22.09	20.51	30	PASS
				RB25#0	21.09	19.71	30	PASS
				RB25#13	21.39	19.91	30	PASS
				RB25#25	21.04	19.48	30	PASS
				RB50#0	20.91	19.40	30	PASS
		15	LCH	RB1#0	22.28	21.06	30	PASS
				RB1#38	22.31	20.78	30	PASS
				RB1#74	21.5	20.25	30	PASS
				RB38#0	21.13	19.88	30	PASS
				RB38#19	20.96	19.56	30	PASS
				RB38#39	20.58	19.20	30	PASS
				RB75#0	20.84	19.33	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.48	20.08	30	PASS
				RB1#38	21.95	20.55	30	PASS
				RB1#74	21.93	20.55	30	PASS
				RB38#0	20.56	19.31	30	PASS
				RB38#19	20.67	19.22	30	PASS
				RB38#39	20.69	19.43	30	PASS
				RB75#0	20.66	19.45	30	PASS
			HCH	RB1#0	22.38	20.82	30	PASS
				RB1#38	22.74	21.27	30	PASS
				RB1#74	22.4	21.10	30	PASS
				RB38#0	21.18	19.69	30	PASS
				RB38#19	21.27	19.83	30	PASS
				RB38#39	21.39	20.00	30	PASS
				RB75#0	21.23	19.95	30	PASS
		20	LCH	RB1#0	22.56	21.22	30	PASS
				RB1#50	22.43	21.19	30	PASS
				RB1#99	21.95	20.53	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.82	19.22	30	PASS
				RB50#25	20.72	19.28	30	PASS
				RB50#50	20.65	19.08	30	PASS
				RB100#0	20.85	19.43	30	PASS
			MCH	RB1#0	21.73	20.21	30	PASS
				RB1#50	22.32	20.84	30	PASS
				RB1#99	22.5	20.99	30	PASS
				RB50#0	20.64	19.25	30	PASS
				RB50#25	20.65	19.15	30	PASS
				RB50#50	20.66	19.27	30	PASS
				RB100#0	20.72	19.50	30	PASS
			HCH	RB1#0	22.33	20.75	30	PASS
				RB1#50	23.01	21.75	30	PASS
				RB1#99	22.68	21.47	30	PASS
				RB50#0	20.91	19.70	30	PASS
				RB50#25	21.09	19.59	30	PASS
				RB50#50	21.2	19.79	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.07	19.66	30	PASS

Note1:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2:

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

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

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

$$\text{SET Sweep time} = \text{auto-couple.}$$

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
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.63	13	PASS
				RB1#3	4.6	13	PASS
				RB1#5	4.63	13	PASS
				RB3#0	5.23	13	PASS
				RB3#2	5.33	13	PASS
				RB3#3	5.36	13	PASS
				RB6#0	5.8	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#3	4.69	13	PASS
				RB1#5	4.73	13	PASS
				RB3#0	5.21	13	PASS
				RB3#2	5.09	13	PASS
				RB3#3	5.21	13	PASS
				RB6#0	5.36	13	PASS
			HCH	RB1#0	4.81	13	PASS
				RB1#3	4.87	13	PASS
				RB1#5	4.8	13	PASS
				RB3#0	5.16	13	PASS
				RB3#2	5.05	13	PASS
				RB3#3	5.15	13	PASS
				RB6#0	5.63	13	PASS
		3	LCH	RB1#0	4.74	13	PASS
				RB1#7	4.6	13	PASS
				RB1#14	4.94	13	PASS
				RB8#0	6.06	13	PASS
				RB8#4	5.78	13	PASS
				RB8#7	6	13	PASS
				RB15#0	5.76	13	PASS
			MCH	RB1#0	4.39	13	PASS
				RB1#7	4.34	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.47	13	PASS
				RB8#0	5.38	13	PASS
				RB8#4	5.31	13	PASS
				RB8#7	5.61	13	PASS
				RB15#0	5.55	13	PASS
			HCH	RB1#0	4.96	13	PASS
				RB1#7	4.93	13	PASS
				RB1#14	4.95	13	PASS
				RB8#0	5.47	13	PASS
				RB8#4	5.31	13	PASS
				RB8#7	5.29	13	PASS
				RB15#0	5.4	13	PASS
		5	LCH	RB1#0	4.85	13	PASS
				RB1#13	4.83	13	PASS
				RB1#24	5.08	13	PASS
				RB12#0	6.02	13	PASS
				RB12#6	5.93	13	PASS
				RB12#13	6.05	13	PASS
				RB25#0	5.91	13	PASS
			MCH	RB1#0	4.93	13	PASS
				RB1#13	4.93	13	PASS
				RB1#24	5.08	13	PASS
				RB12#0	5.44	13	PASS
				RB12#6	5.31	13	PASS
				RB12#13	5.53	13	PASS
				RB25#0	5.65	13	PASS
			HCH	RB1#0	5.16	13	PASS
				RB1#13	5.07	13	PASS
				RB1#24	5.11	13	PASS
				RB12#0	6.14	13	PASS
				RB12#6	6.03	13	PASS
				RB12#13	6.02	13	PASS
				RB25#0	6.12	13	PASS
		10	LCH	RB1#0	4.98	13	PASS
				RB1#25	4.95	13	PASS
				RB1#49	4.92	13	PASS
				RB25#0	6.11	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	6.16	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.26	13	PASS
				RB1#0	4.81	13	PASS
			MCH	RB1#25	4.78	13	PASS
				RB1#49	5.03	13	PASS
				RB25#0	5.48	13	PASS
				RB25#13	5.44	13	PASS
				RB25#25	5.67	13	PASS
				RB50#0	5.86	13	PASS
			HCH	RB1#0	4.89	13	PASS
				RB1#25	4.64	13	PASS
				RB1#49	4.71	13	PASS
				RB25#0	6.26	13	PASS
				RB25#13	6.17	13	PASS
				RB25#25	6.34	13	PASS
				RB50#0	6.08	13	PASS
		15	LCH	RB1#0	4.83	13	PASS
				RB1#38	4.74	13	PASS
				RB1#74	4.67	13	PASS
				RB38#0	6.17	13	PASS
				RB38#19	6.01	13	PASS
				RB38#39	5.97	13	PASS
				RB75#0	6.41	13	PASS
			MCH	RB1#0	4.76	13	PASS
				RB1#38	4.8	13	PASS
				RB1#74	5.06	13	PASS
				RB38#0	5.74	13	PASS
				RB38#19	5.7	13	PASS
				RB38#39	5.95	13	PASS
				RB75#0	6.42	13	PASS
			HCH	RB1#0	5.17	13	PASS
				RB1#38	5.02	13	PASS
				RB1#74	5.08	13	PASS
				RB38#0	6.2	13	PASS
				RB38#19	6.17	13	PASS
				RB38#39	6.13	13	PASS
				RB75#0	6.39	13	PASS
		20	LCH	RB1#0	5.5	13	PASS
				RB1#50	5.23	13	PASS
				RB1#99	5.23	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.11	13	PASS
				RB50#25	5.7	13	PASS
				RB50#50	5.71	13	PASS
				RB100#0	6.37	13	PASS
			MCH	RB1#0	5.09	13	PASS
				RB1#50	4.99	13	PASS
				RB1#99	5.41	13	PASS
				RB50#0	5.81	13	PASS
				RB50#25	5.71	13	PASS
				RB50#50	6.03	13	PASS
				RB100#0	6.24	13	PASS
			HCH	RB1#0	5.15	13	PASS
				RB1#50	5.06	13	PASS
				RB1#99	5.29	13	PASS
				RB50#0	6.14	13	PASS
				RB50#25	6.09	13	PASS
				RB50#50	6.17	13	PASS
				RB100#0	6.41	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.71	13	PASS
				RB1#3	5.79	13	PASS
				RB1#5	5.7	13	PASS
				RB3#0	6.07	13	PASS
				RB3#2	6.18	13	PASS
				RB3#3	6.08	13	PASS
				RB6#0	6.67	13	PASS
			MCH	RB1#0	5.49	13	PASS
				RB1#3	5.74	13	PASS
				RB1#5	5.77	13	PASS
				RB3#0	5.92	13	PASS
				RB3#2	5.81	13	PASS
				RB3#3	5.86	13	PASS
				RB6#0	6.31	13	PASS
			HCH	RB1#0	5.45	13	PASS
				RB1#3	5.51	13	PASS
				RB1#5	5.81	13	PASS
				RB3#0	5.8	13	PASS
				RB3#2	5.76	13	PASS
				RB3#3	5.82	13	PASS
				RB6#0	6.3	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	6.03	13	PASS
				RB1#7	5.85	13	PASS
				RB1#14	6.12	13	PASS
				RB8#0	6.6	13	PASS
				RB8#4	6.64	13	PASS
				RB8#7	6.26	13	PASS
				RB15#0	6.47	13	PASS
			MCH	RB1#0	6.05	13	PASS
				RB1#7	5.9	13	PASS
				RB1#14	6.09	13	PASS
				RB8#0	5.87	13	PASS
				RB8#4	5.78	13	PASS
				RB8#7	5.72	13	PASS
				RB15#0	6.25	13	PASS
			HCH	RB1#0	6.11	13	PASS
				RB1#7	6.06	13	PASS
				RB1#14	6.21	13	PASS
				RB8#0	6.29	13	PASS
				RB8#4	6.24	13	PASS
				RB8#7	6.22	13	PASS
				RB15#0	6.44	13	PASS
		5	LCH	RB1#0	5.92	13	PASS
				RB1#13	6.04	13	PASS
				RB1#24	6.2	13	PASS
				RB12#0	6.91	13	PASS
				RB12#6	7.03	13	PASS
				RB12#13	6.96	13	PASS
				RB25#0	6.94	13	PASS
			MCH	RB1#0	5.97	13	PASS
				RB1#13	5.97	13	PASS
				RB1#24	6.08	13	PASS
				RB12#0	6.38	13	PASS
				RB12#6	6.42	13	PASS
				RB12#13	6.46	13	PASS
				RB25#0	6.52	13	PASS
			HCH	RB1#0	6.27	13	PASS
				RB1#13	6.2	13	PASS
				RB1#24	6.23	13	PASS
				RB12#0	6.73	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	6.45	13	PASS
				RB12#13	6.43	13	PASS
				RB25#0	6.58	13	PASS
			LCH	RB1#0	5.89	13	PASS
				RB1#25	5.92	13	PASS
				RB1#49	6.02	13	PASS
				RB25#0	6.83	13	PASS
				RB25#13	6.75	13	PASS
				RB25#25	6.66	13	PASS
				RB50#0	7.18	13	PASS
			MCH	RB1#0	5.81	13	PASS
				RB1#25	5.9	13	PASS
				RB1#49	6.03	13	PASS
				RB25#0	6.42	13	PASS
				RB25#13	6.41	13	PASS
				RB25#25	6.64	13	PASS
				RB50#0	6.72	13	PASS
			HCH	RB1#0	6.07	13	PASS
				RB1#25	5.88	13	PASS
				RB1#49	5.9	13	PASS
				RB25#0	7.13	13	PASS
				RB25#13	6.82	13	PASS
				RB25#25	6.81	13	PASS
				RB50#0	7.08	13	PASS
		15	LCH	RB1#0	6.03	13	PASS
				RB1#38	6.01	13	PASS
				RB1#74	6.04	13	PASS
				RB38#0	6.92	13	PASS
				RB38#19	6.85	13	PASS
				RB38#39	6.8	13	PASS
				RB75#0	6.88	13	PASS
			MCH	RB1#0	5.76	13	PASS
				RB1#38	5.64	13	PASS
				RB1#74	5.9	13	PASS
				RB38#0	6.6	13	PASS
				RB38#19	6.59	13	PASS
				RB38#39	6.86	13	PASS
				RB75#0	6.93	13	PASS
			HCH	RB1#0	6.08	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	6.06	13	PASS
				RB1#74	6.22	13	PASS
				RB38#0	6.91	13	PASS
				RB38#19	6.82	13	PASS
				RB38#39	6.84	13	PASS
				RB75#0	7.32	13	PASS
		20	LCH	RB1#0	5.92	13	PASS
				RB1#50	5.58	13	PASS
				RB1#99	5.58	13	PASS
				RB50#0	7.17	13	PASS
				RB50#25	6.91	13	PASS
				RB50#50	6.81	13	PASS
				RB100#0	6.88	13	PASS
			MCH	RB1#0	5.28	13	PASS
				RB1#50	5.13	13	PASS
				RB1#99	5.65	13	PASS
				RB50#0	6.44	13	PASS
				RB50#25	6.44	13	PASS
				RB50#50	6.76	13	PASS
				RB100#0	6.92	13	PASS
			HCH	RB1#0	5.53	13	PASS
				RB1#50	5.6	13	PASS
				RB1#99	5.65	13	PASS
				RB50#0	7.2	13	PASS
				RB50#25	7.14	13	PASS
				RB50#50	7.13	13	PASS
				RB100#0	7.44	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

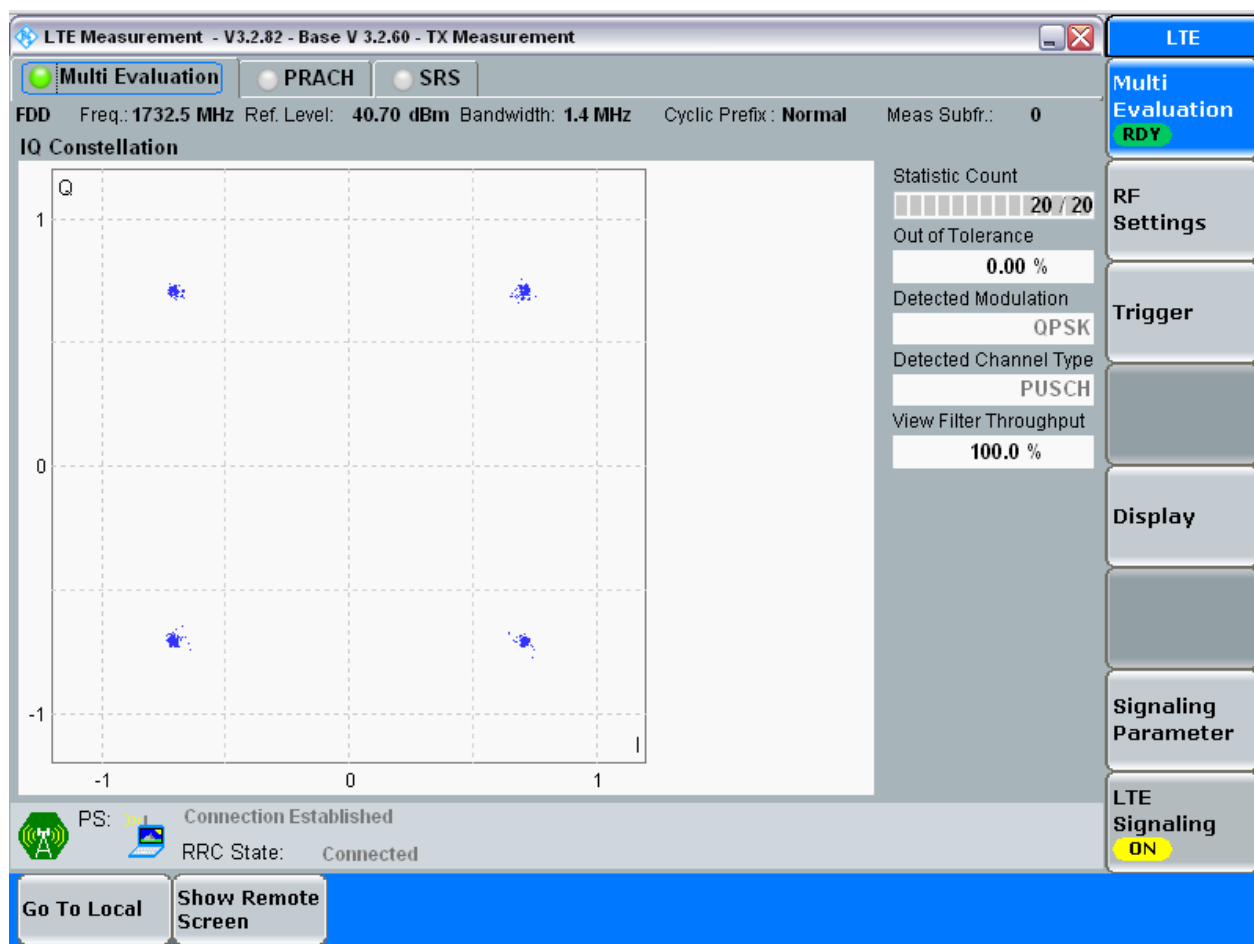
3.1.1 Test Band = BAND4

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

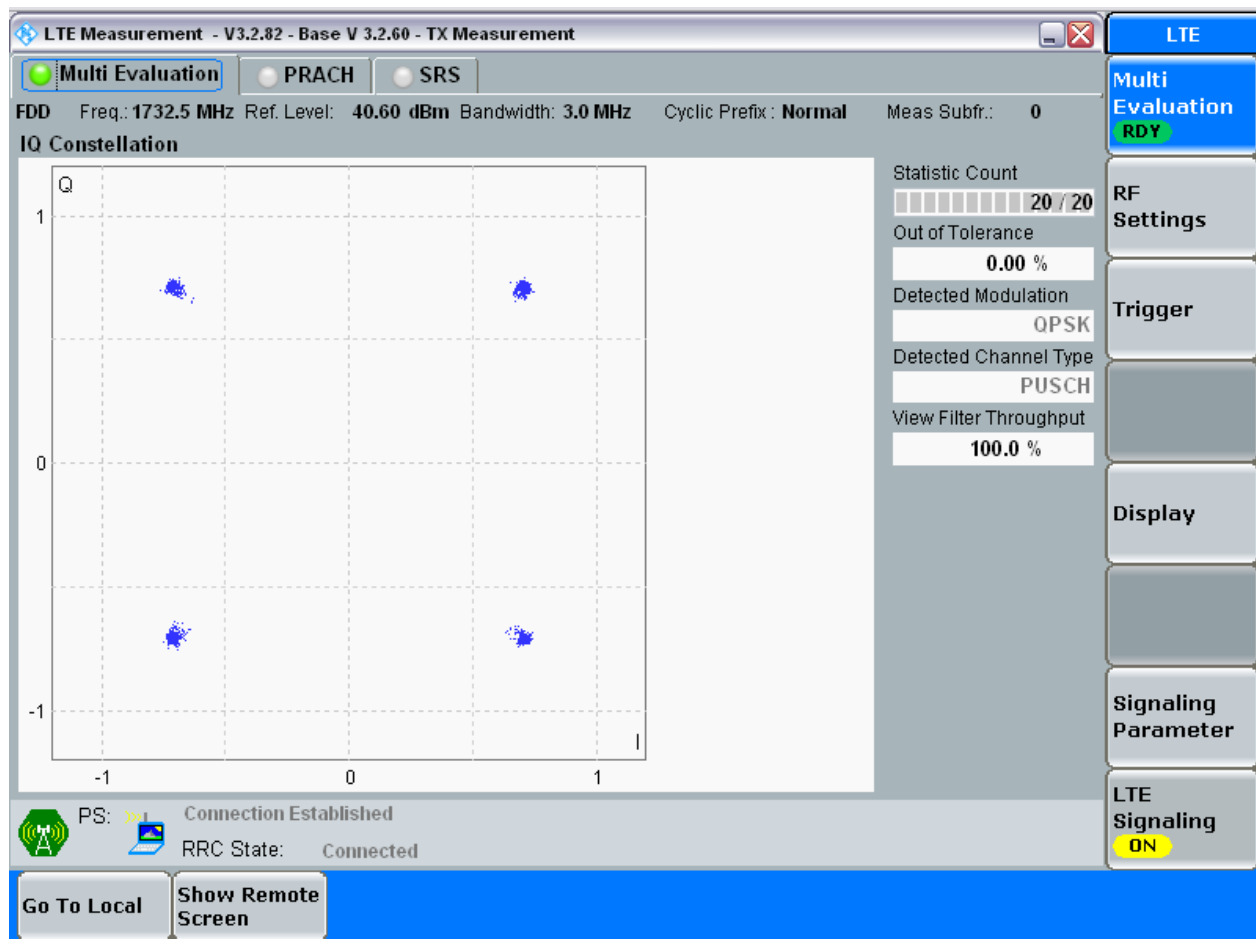
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

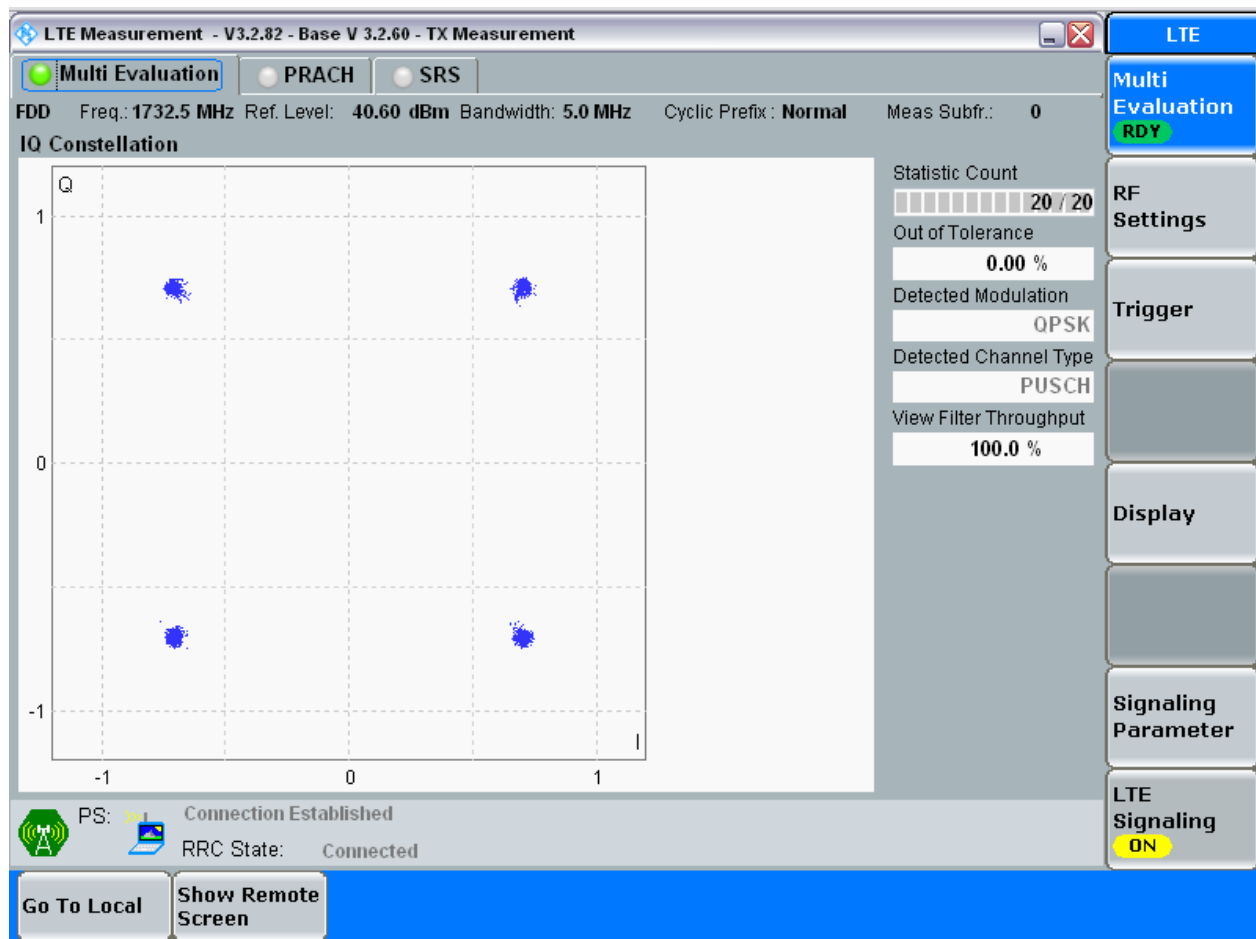
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

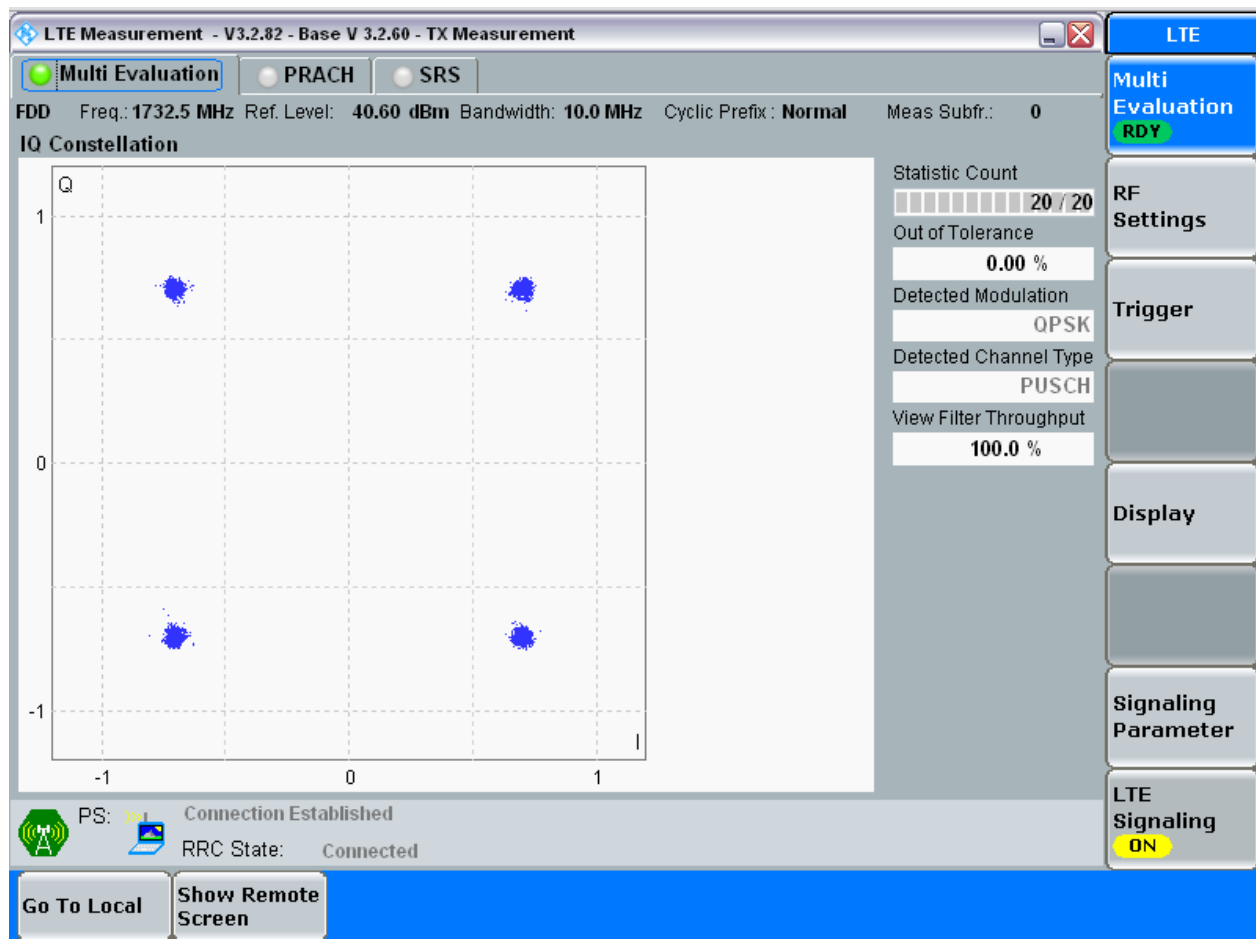
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

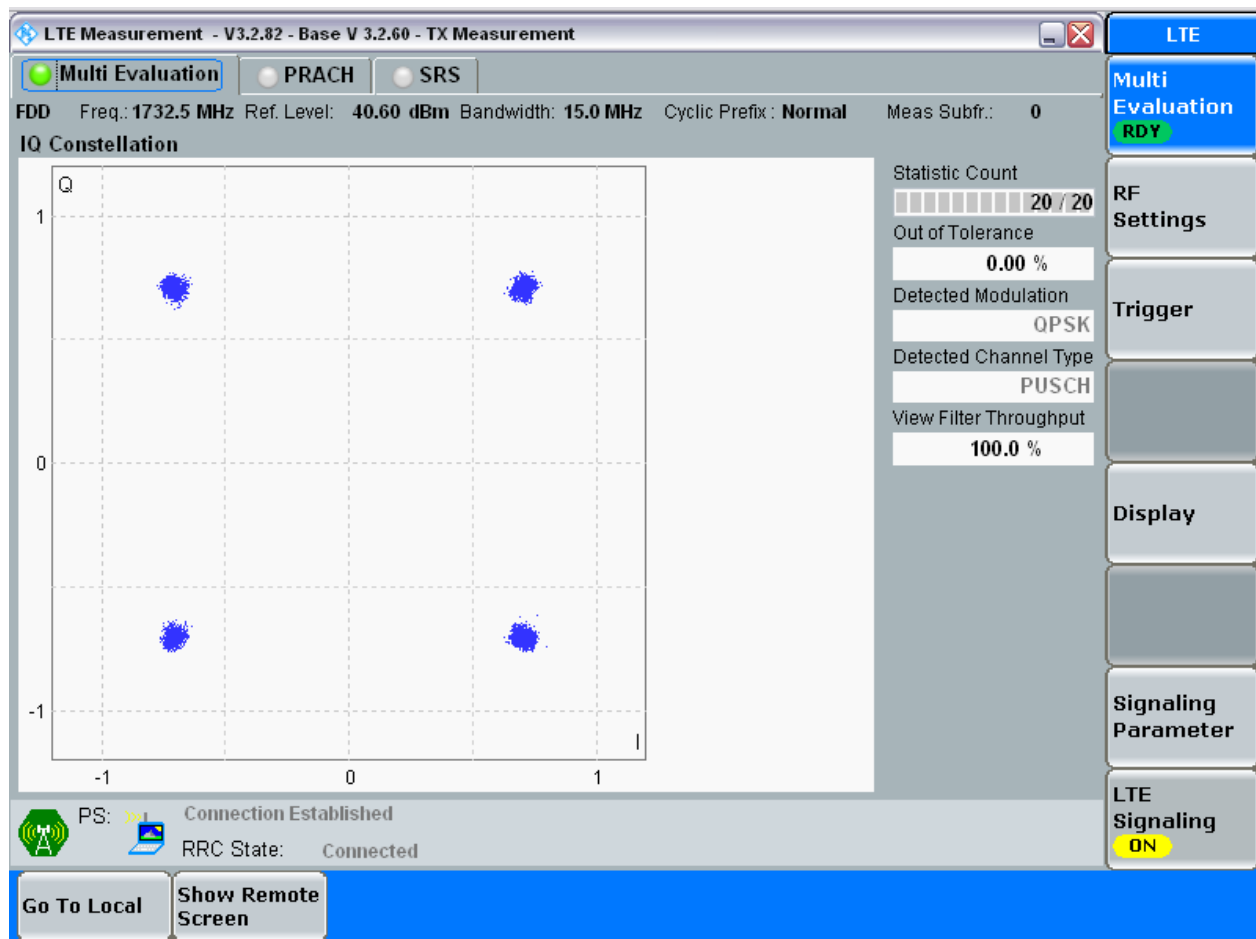
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

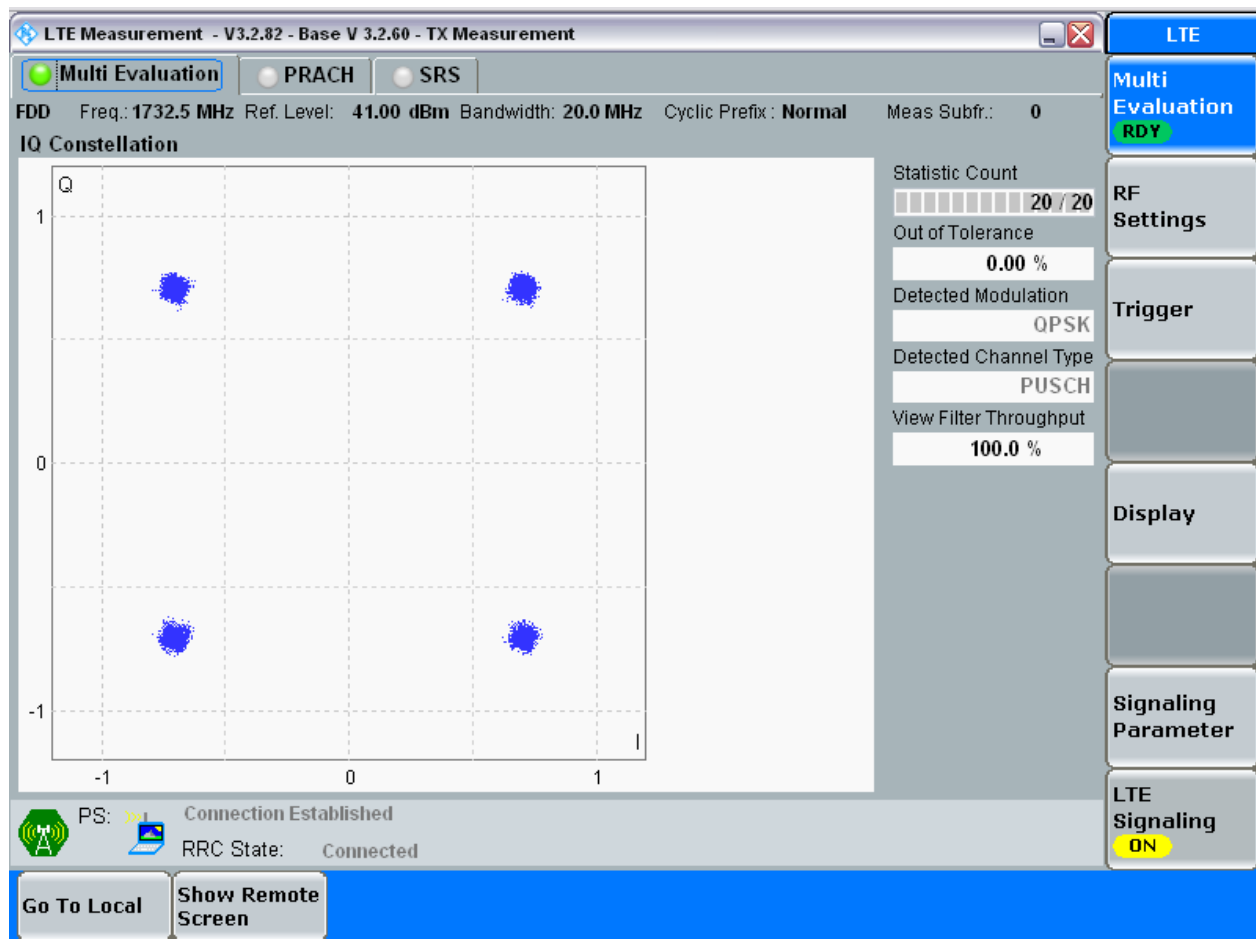
3.1.1.1.5.1.1 Test RB = RB75#0



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

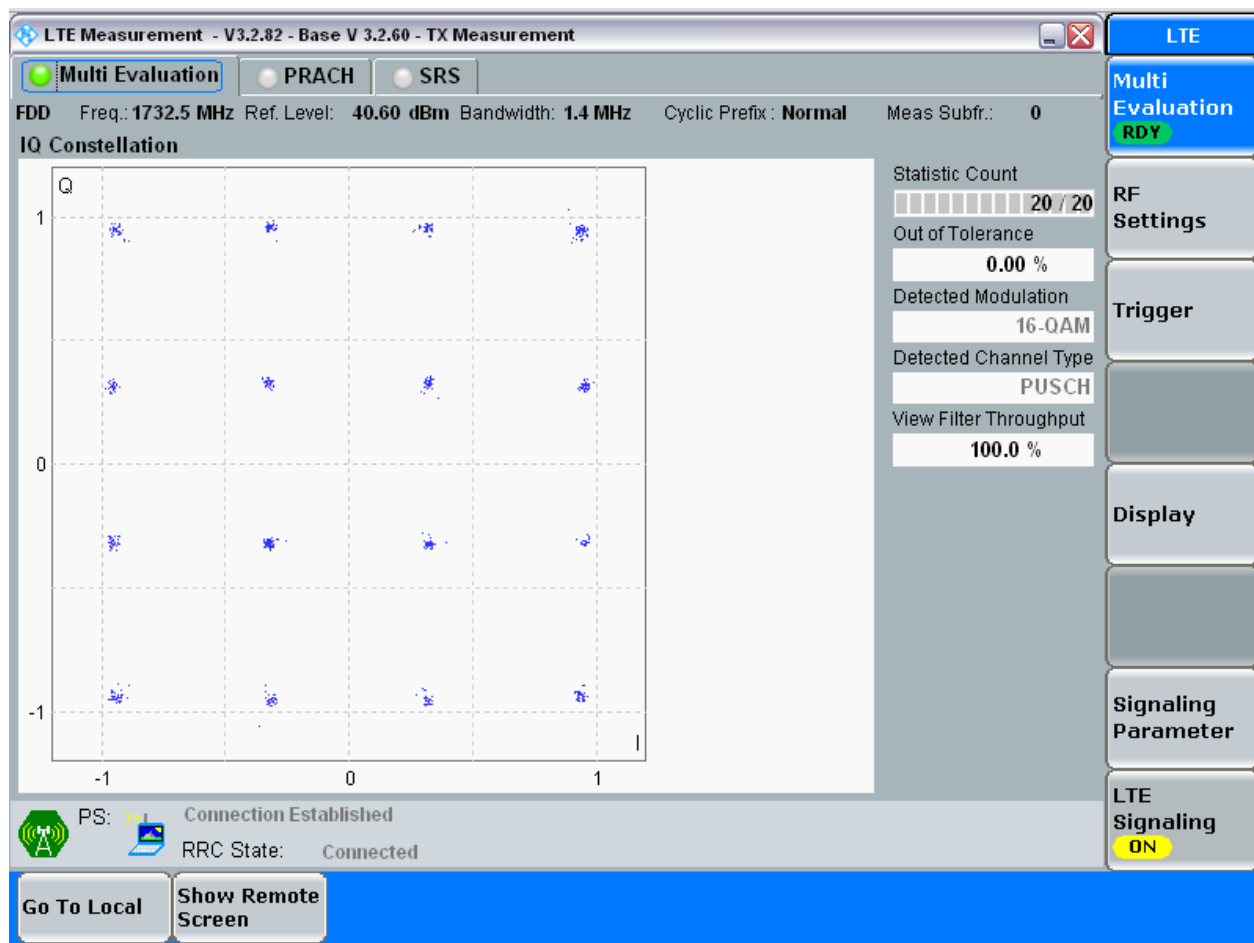


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

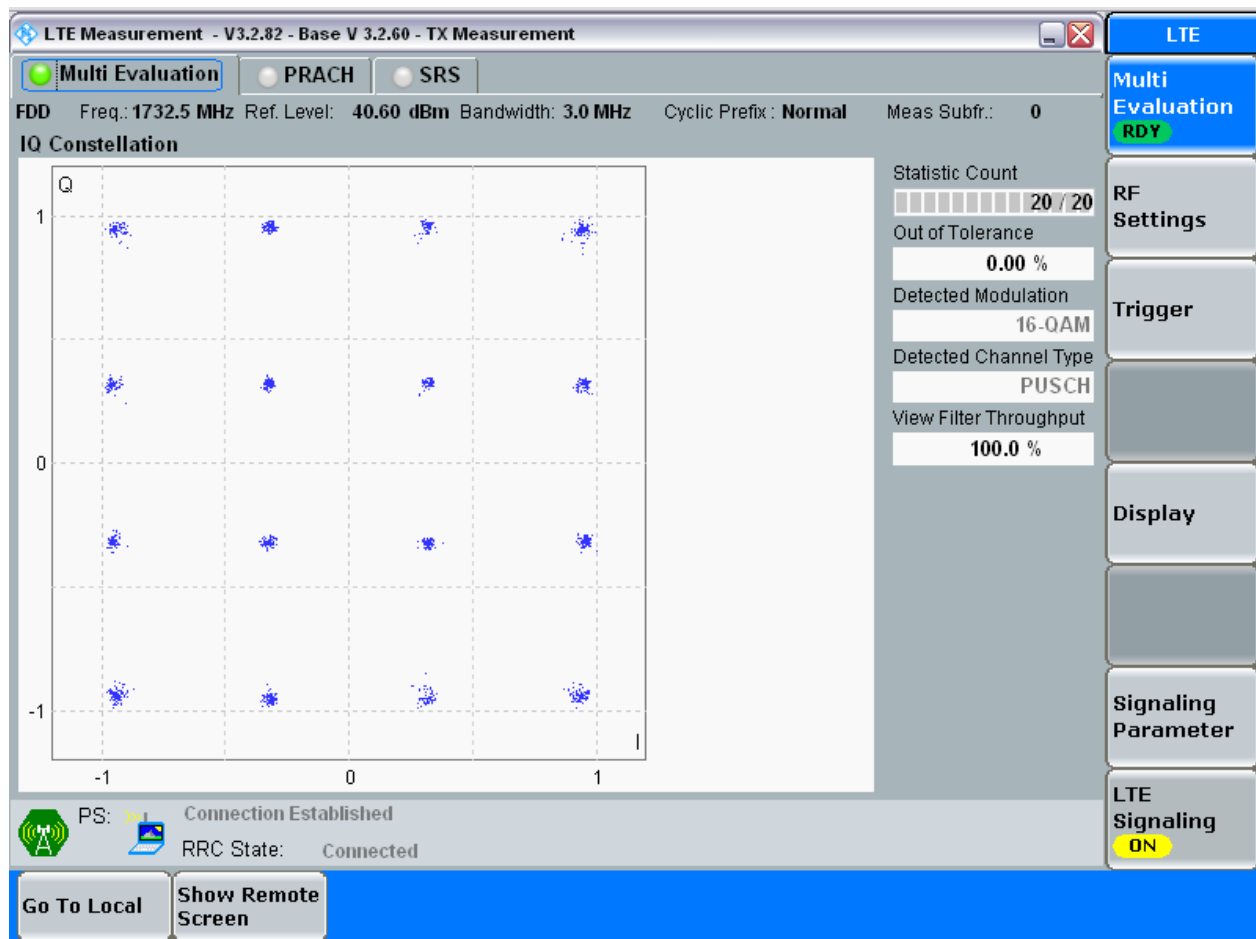
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

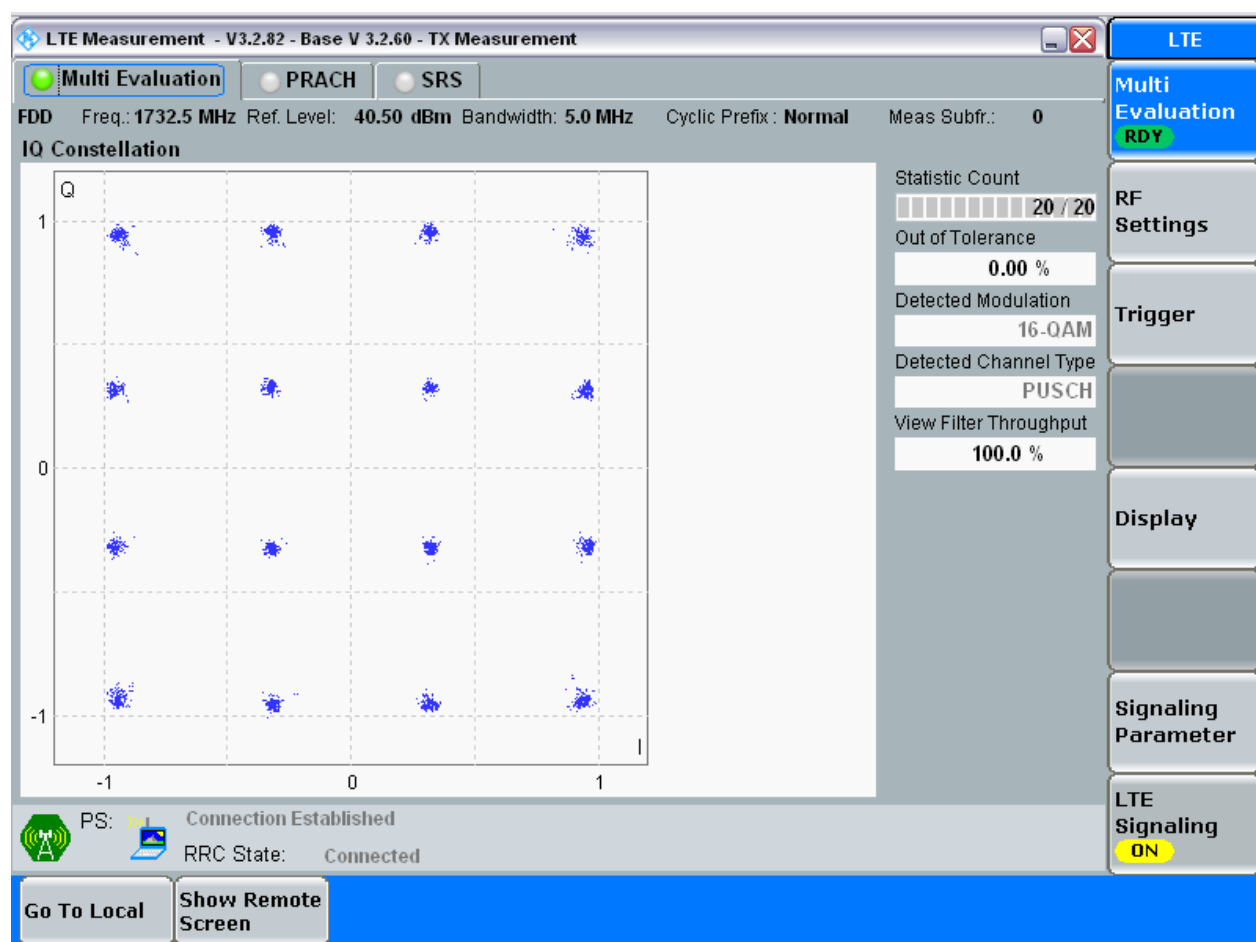
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

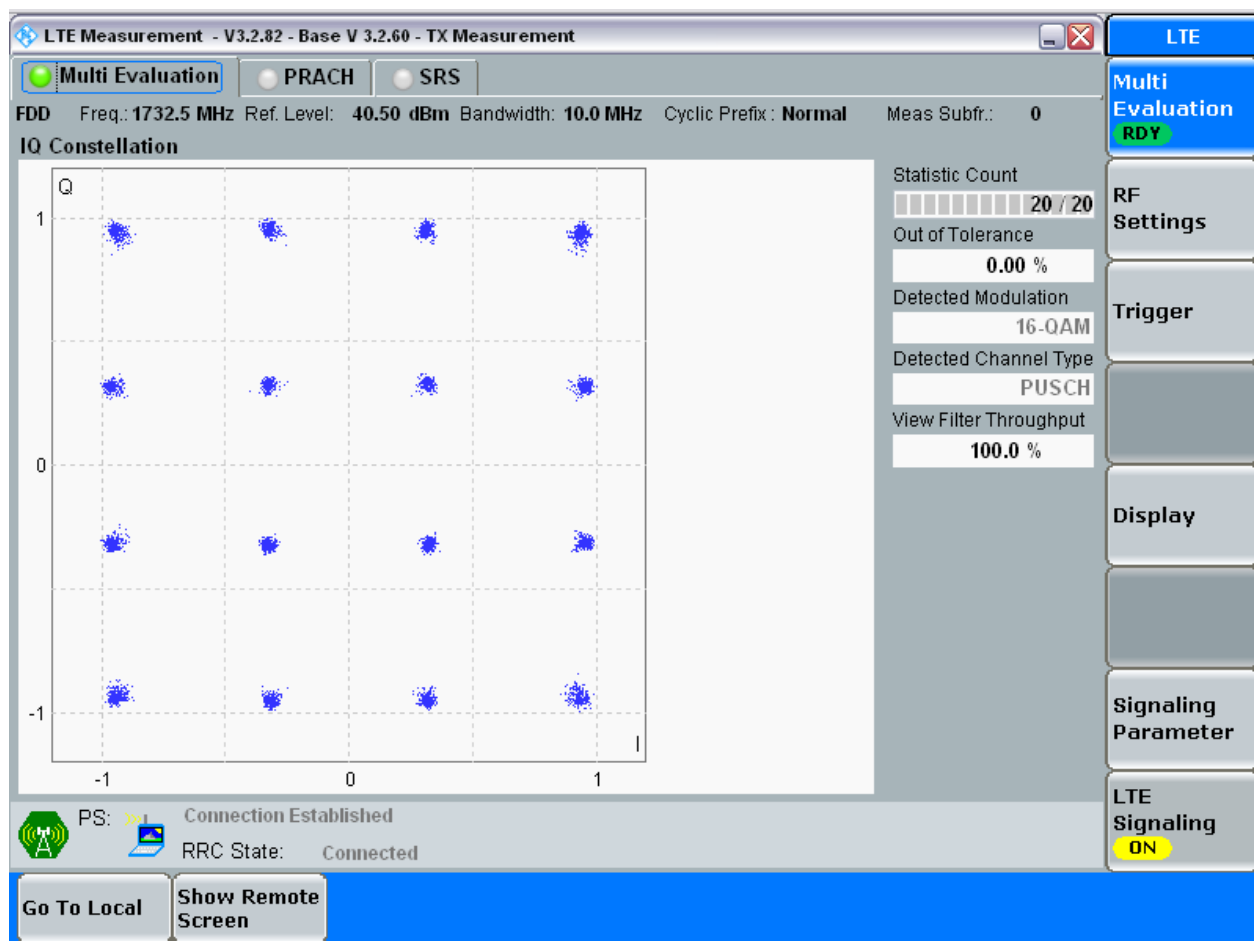
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

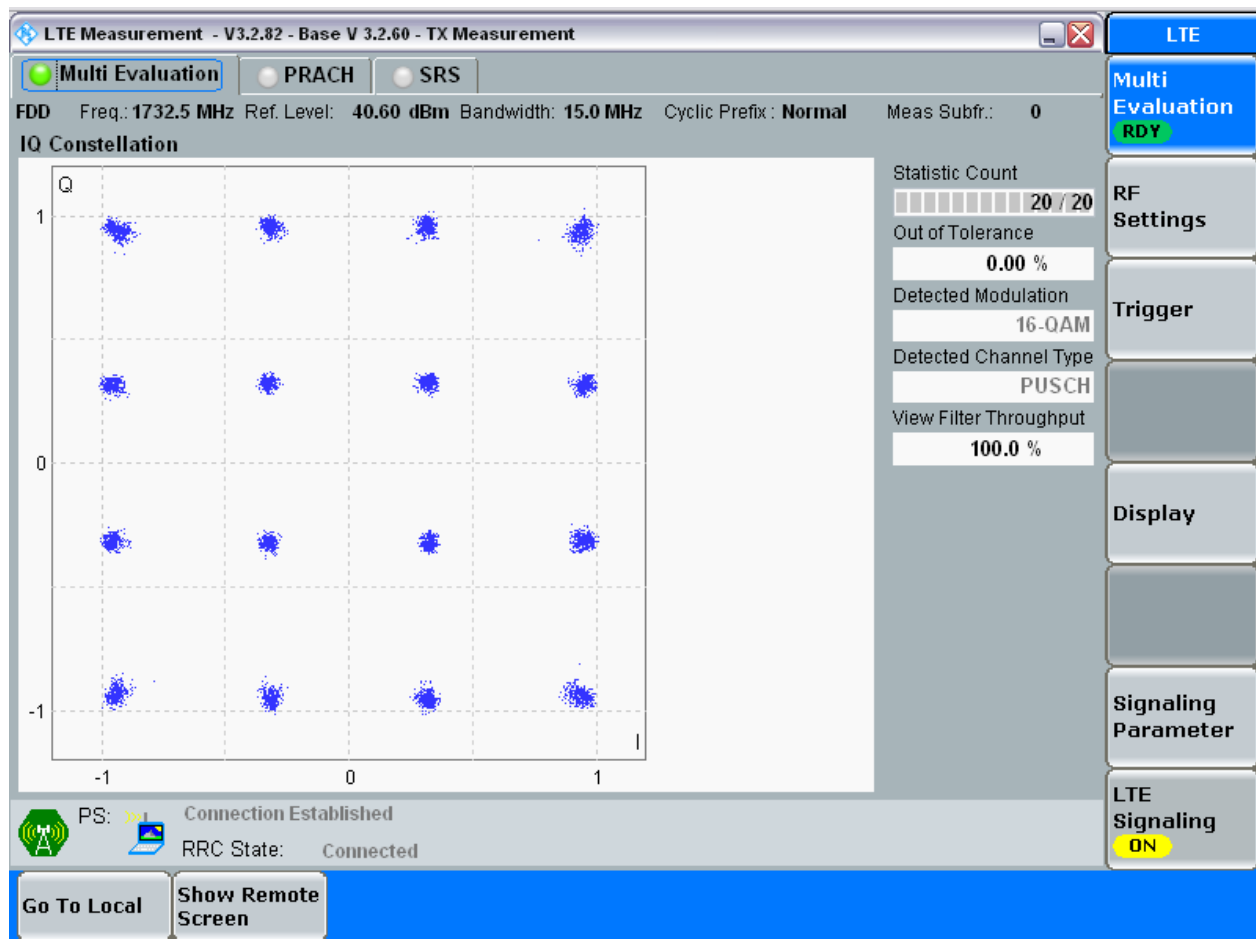
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

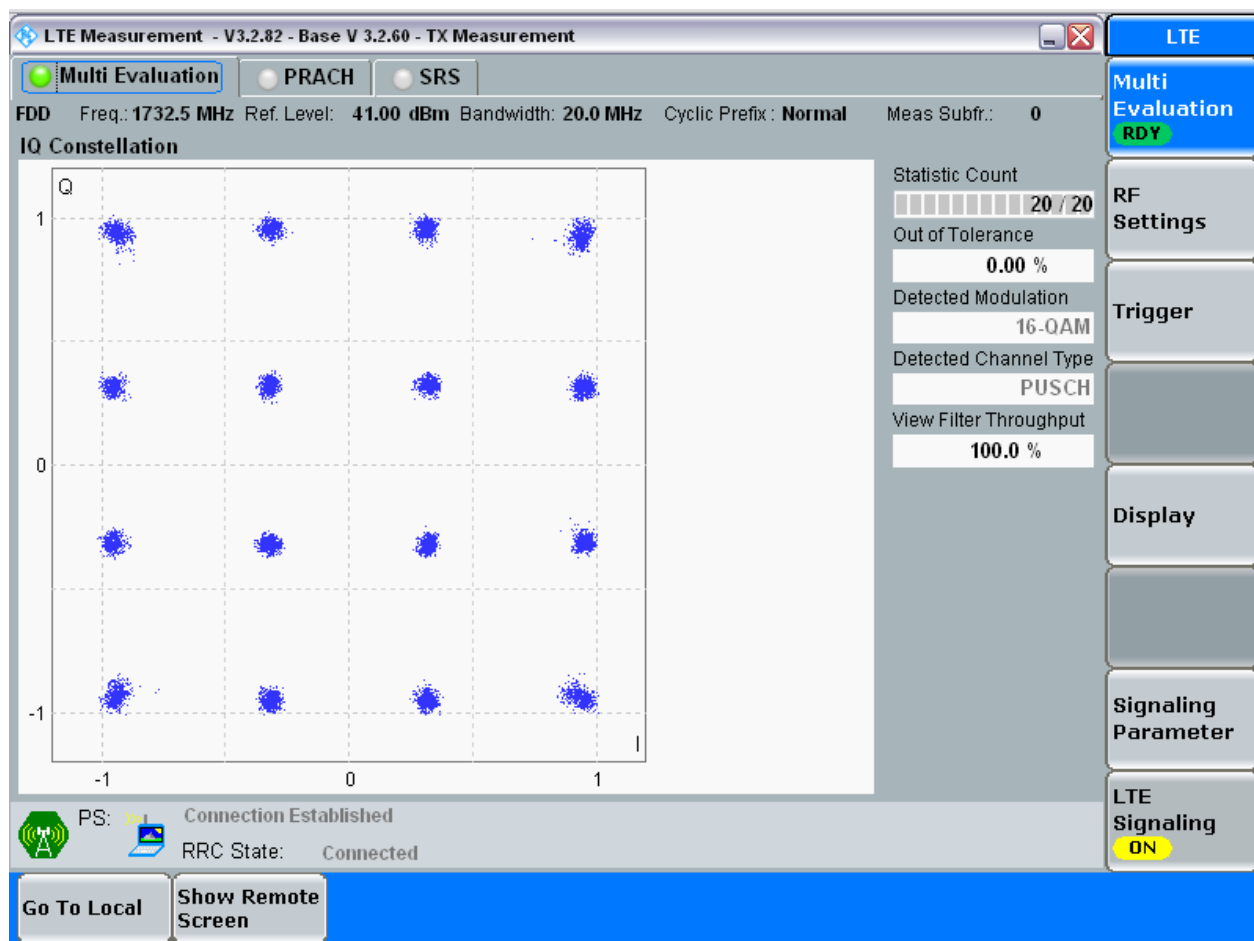
3.1.1.2.5.1.1 Test RB = RB75#0



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
BAND4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.51	4.88	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	8.98	9.68	Pass
			MCH	RB50#0	9.01	9.64	Pass
			HCH	RB50#0	8.98	9.65	Pass
		15	LCH	RB75#0	13.46	14.56	Pass
			MCH	RB75#0	13.48	14.47	Pass
			HCH	RB75#0	13.49	14.42	Pass
		20	LCH	RB100#0	17.94	19.07	Pass
			MCH	RB100#0	17.98	19.22	Pass
			HCH	RB100#0	18.00	19.16	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.71	2.94	Pass
		5	LCH	RB25#0	4.49	4.85	Pass
			MCH	RB25#0	4.50	4.91	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.98	9.66	Pass
			MCH	RB50#0	8.99	9.65	Pass
			HCH	RB50#0	8.99	9.60	Pass
		15	LCH	RB75#0	13.46	14.41	Pass
			MCH	RB75#0	13.49	14.43	Pass
			HCH	RB75#0	13.50	14.46	Pass
		20	LCH	RB100#0	17.92	19.07	Pass
			MCH	RB100#0	17.97	19.35	Pass
			HCH	RB100#0	17.99	19.13	Pass

Part II - Test Plots

4.1 For LTE

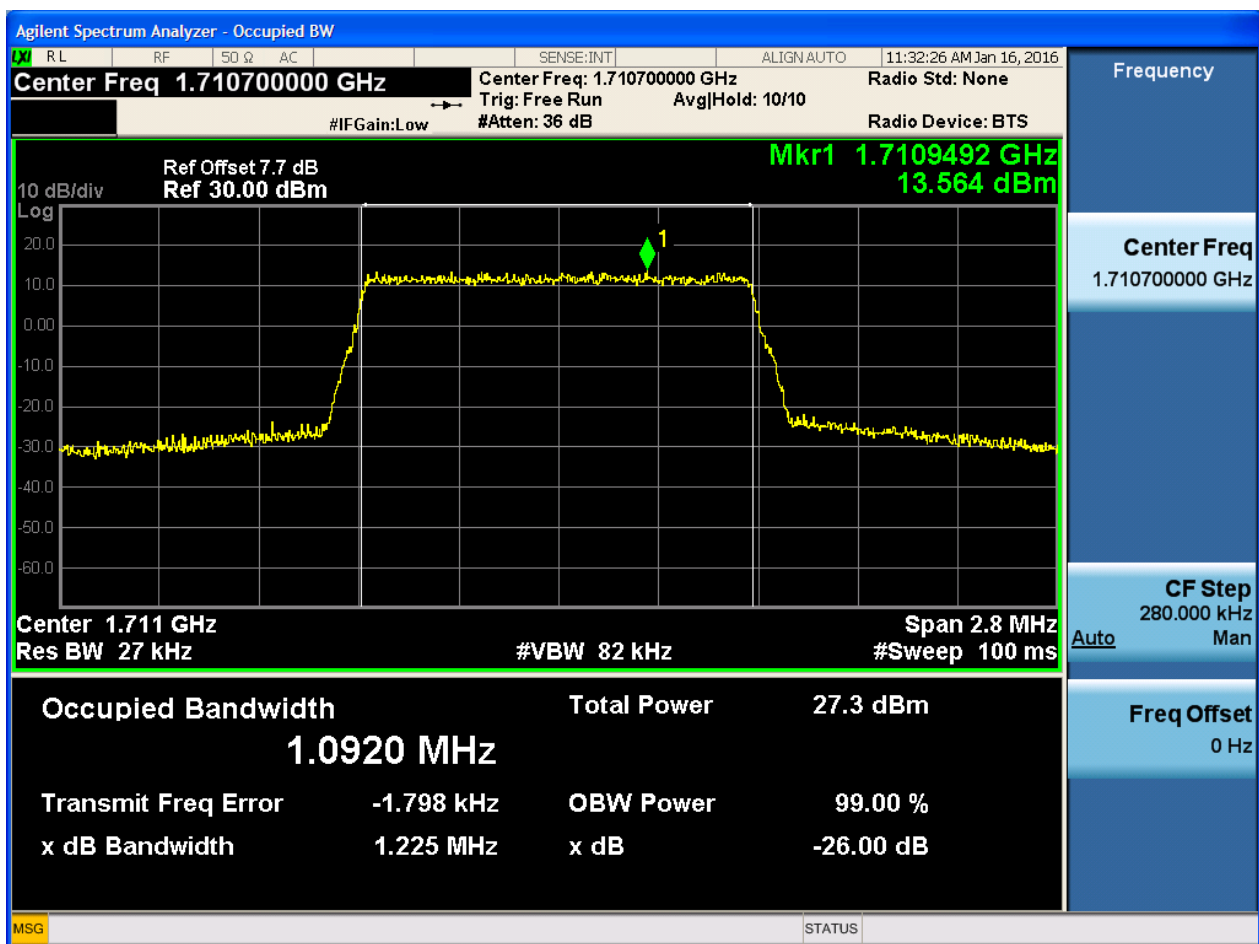
4.1.1 Test Band = BAND4

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

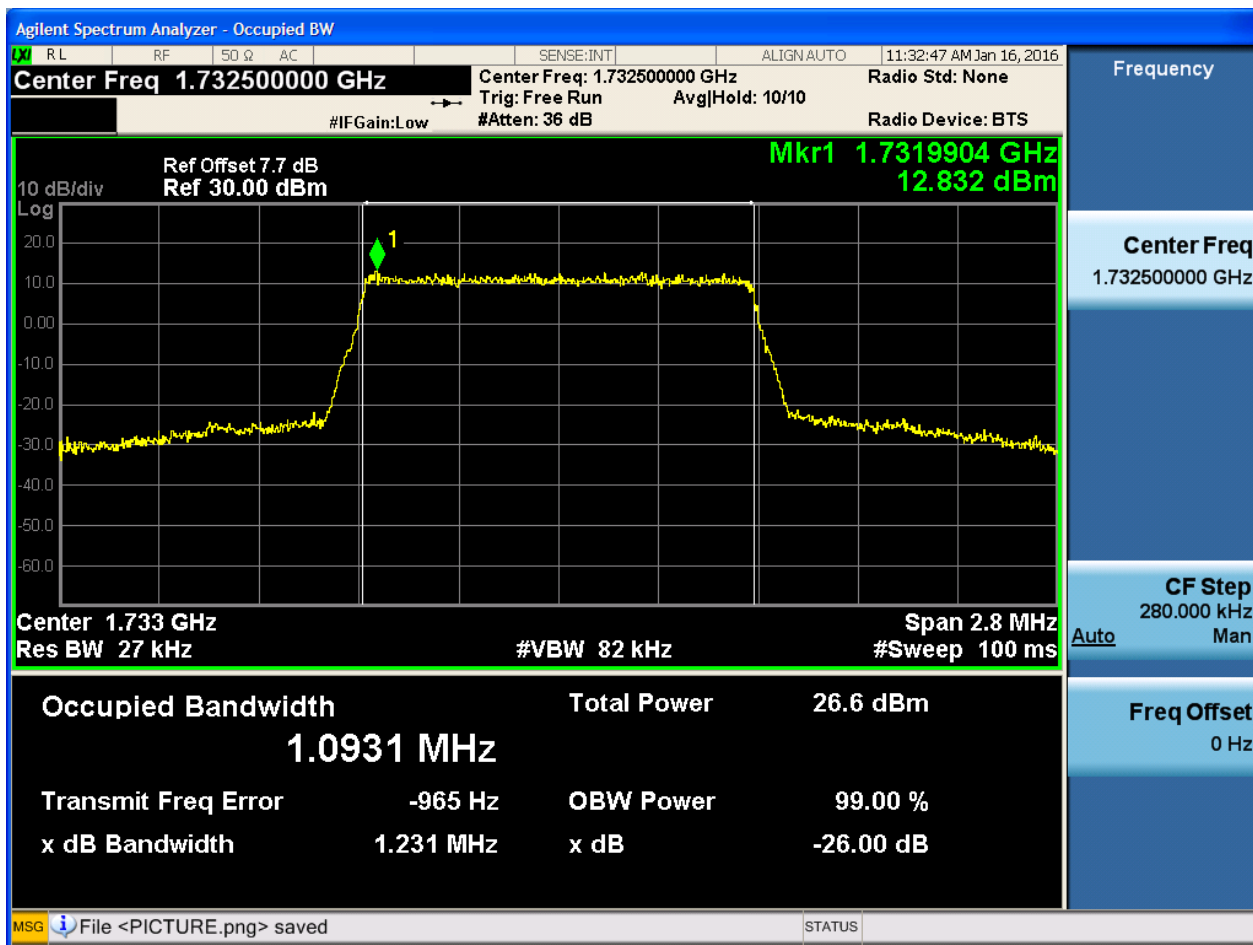
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

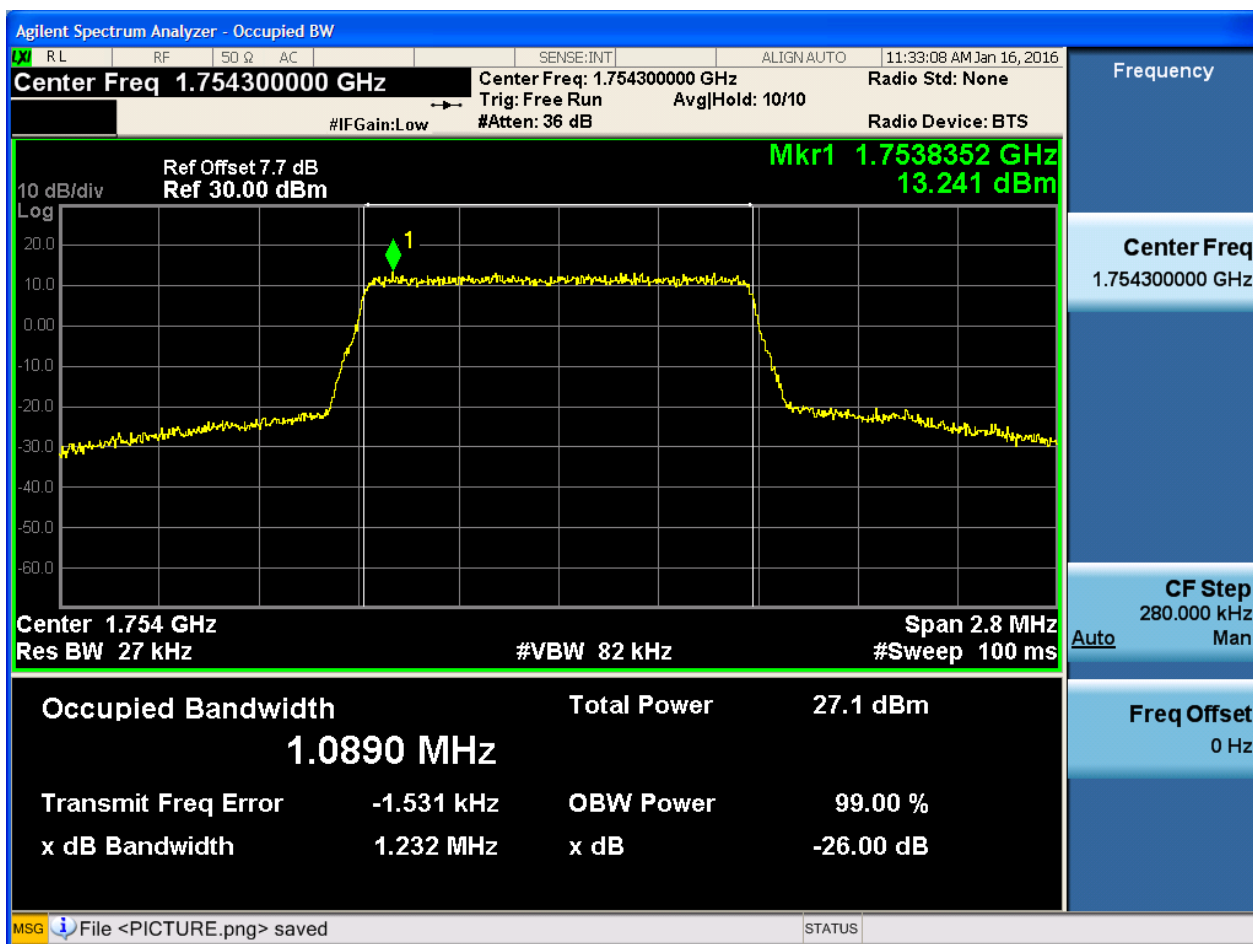
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

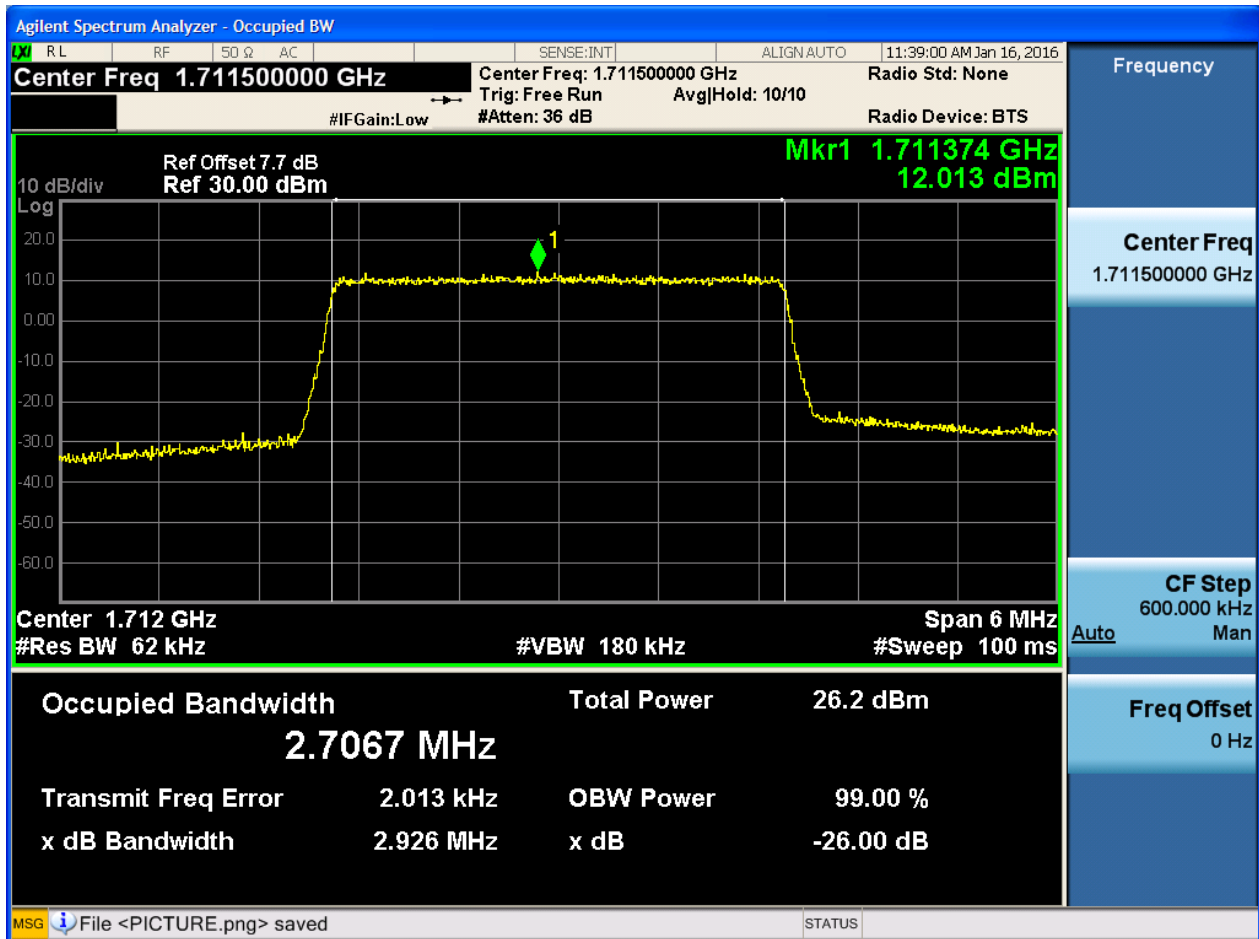
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

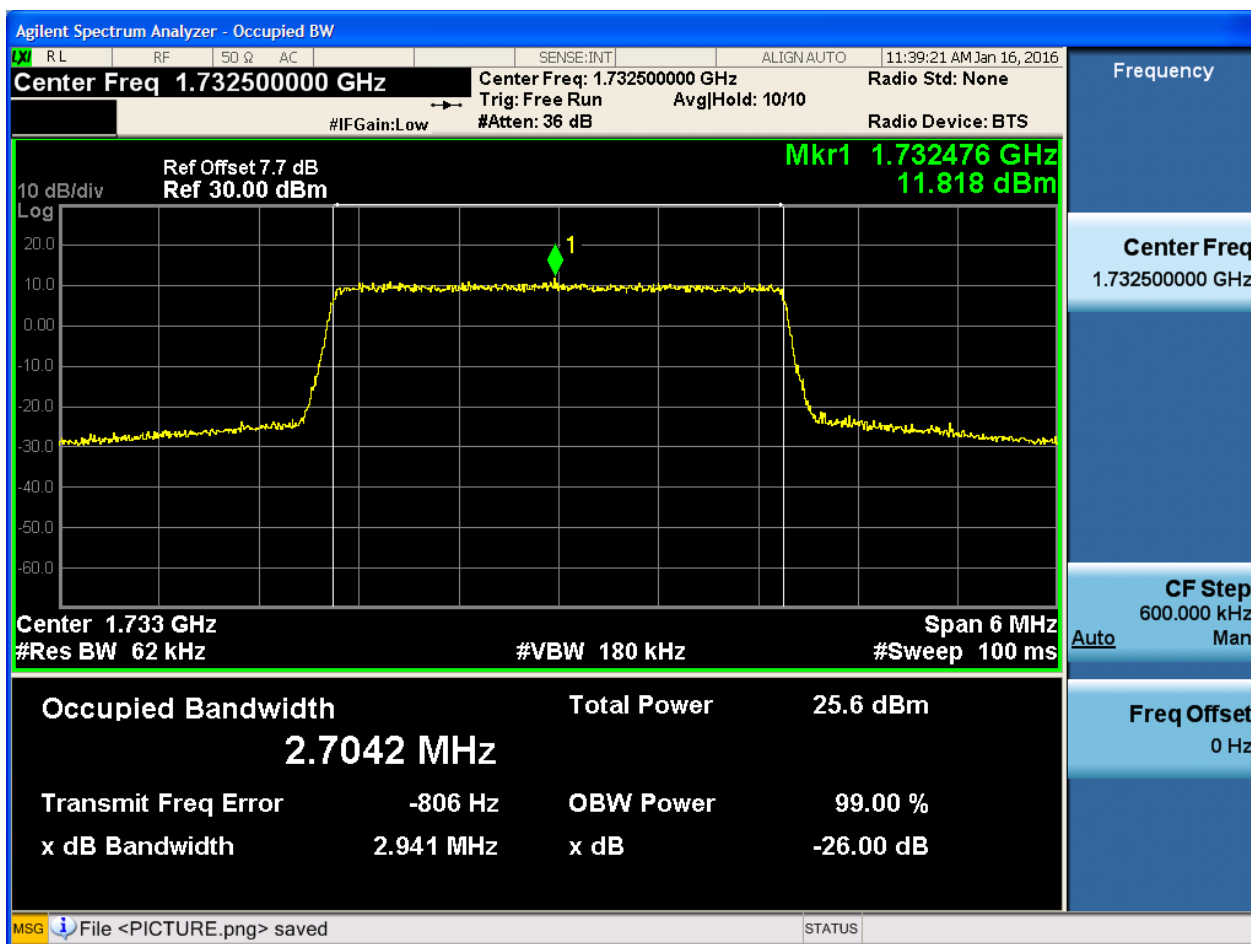
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



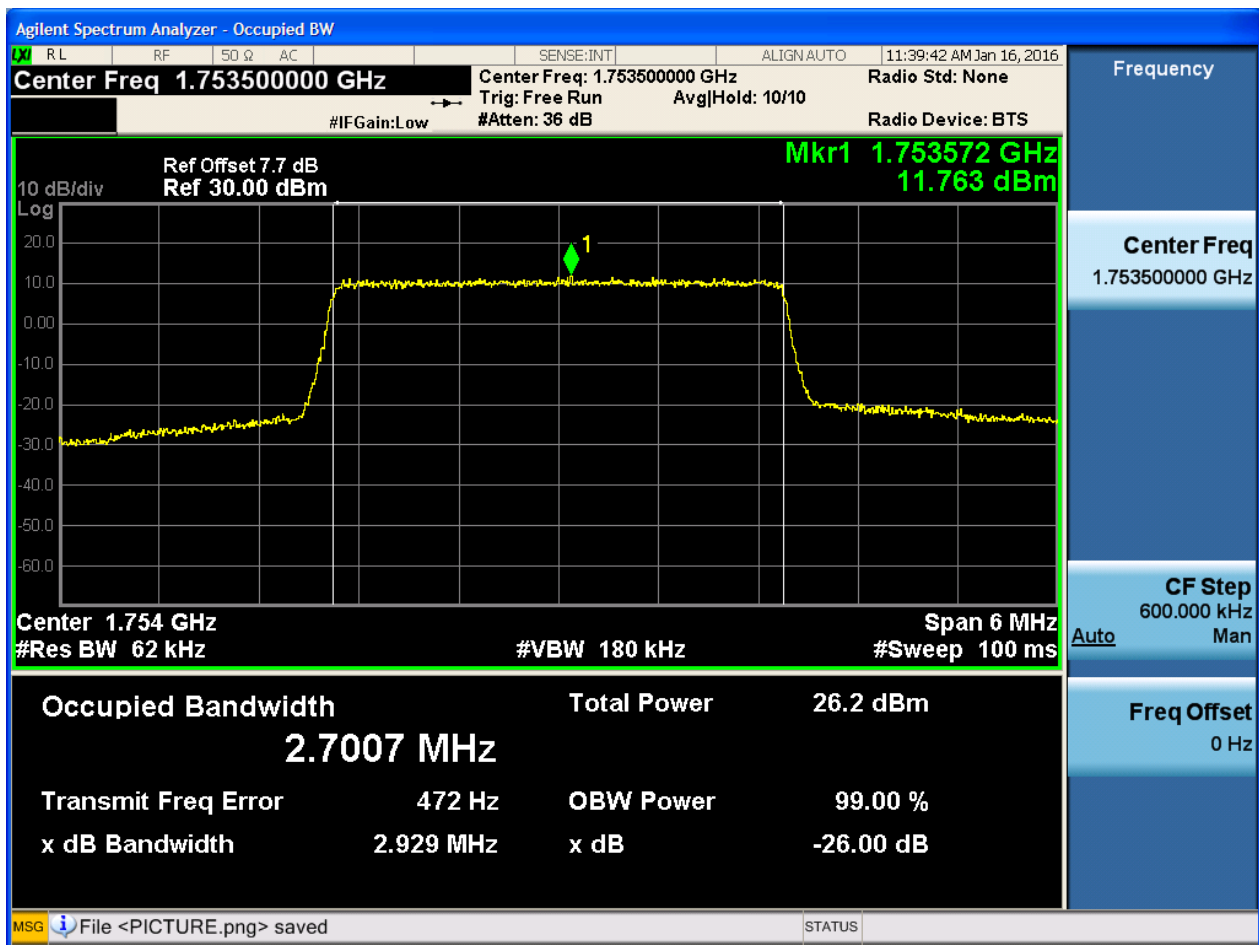
4.1.1.1.2.2 Test Channel = MCH

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

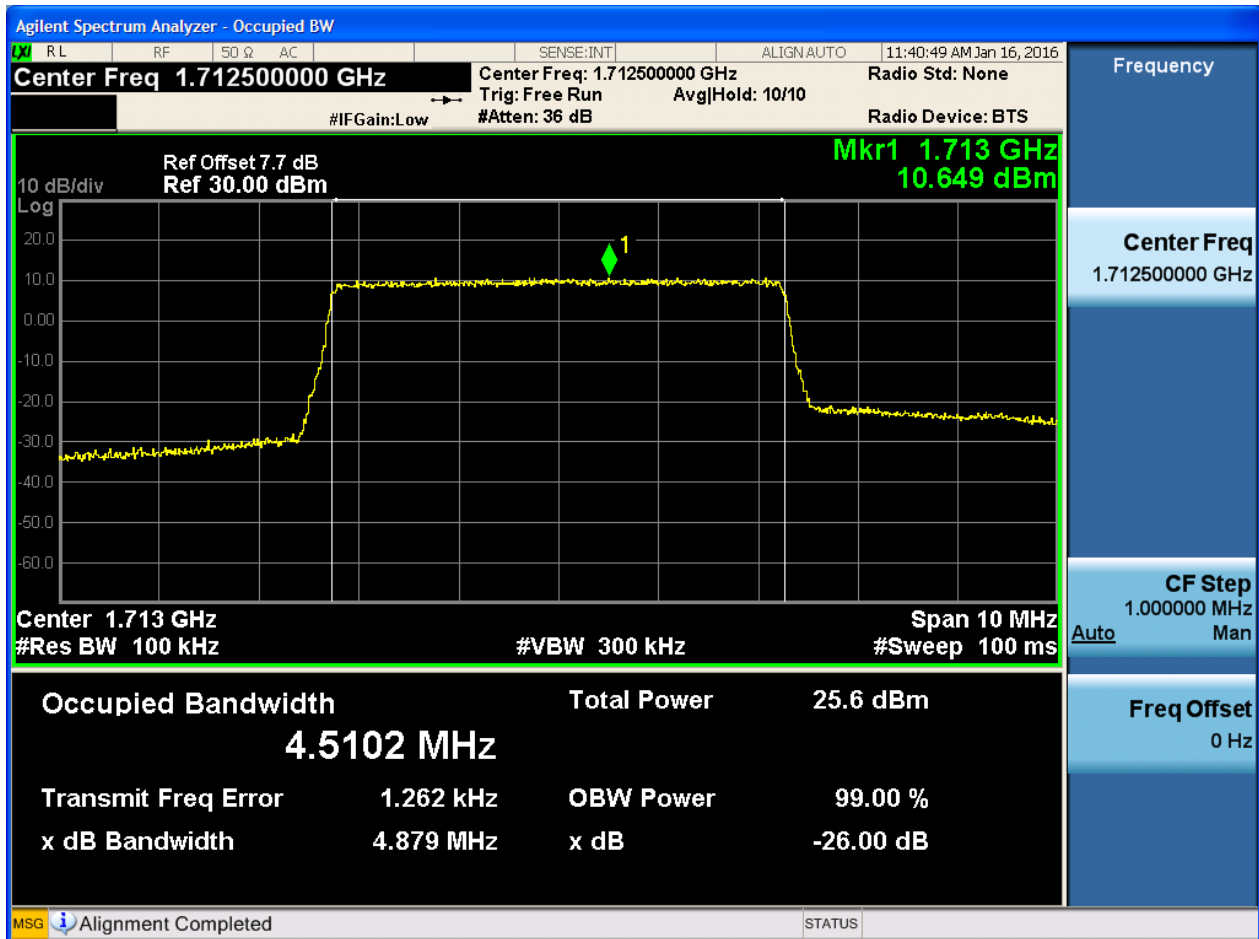




4.1.1.1.3 Test Bandwidth = 5

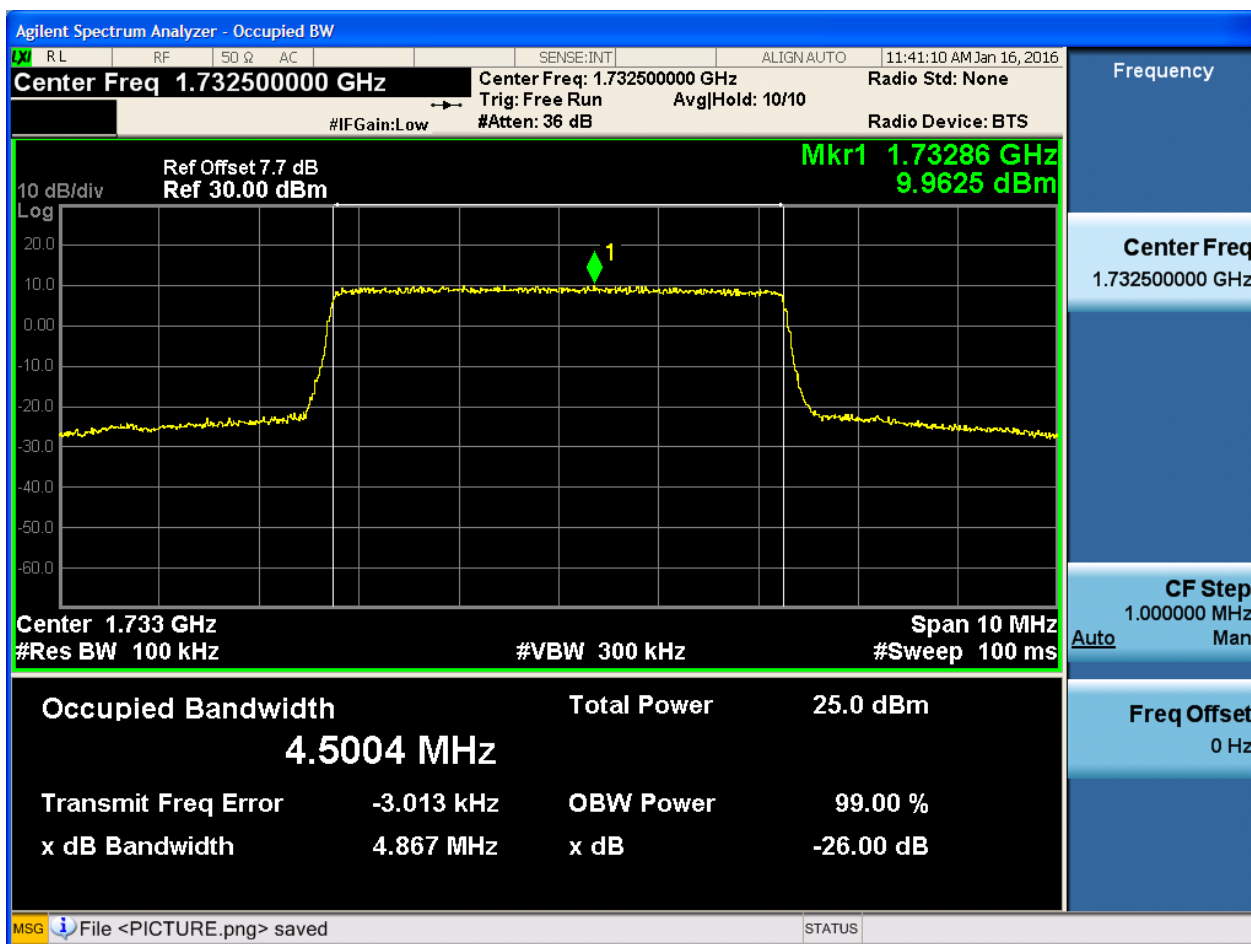
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

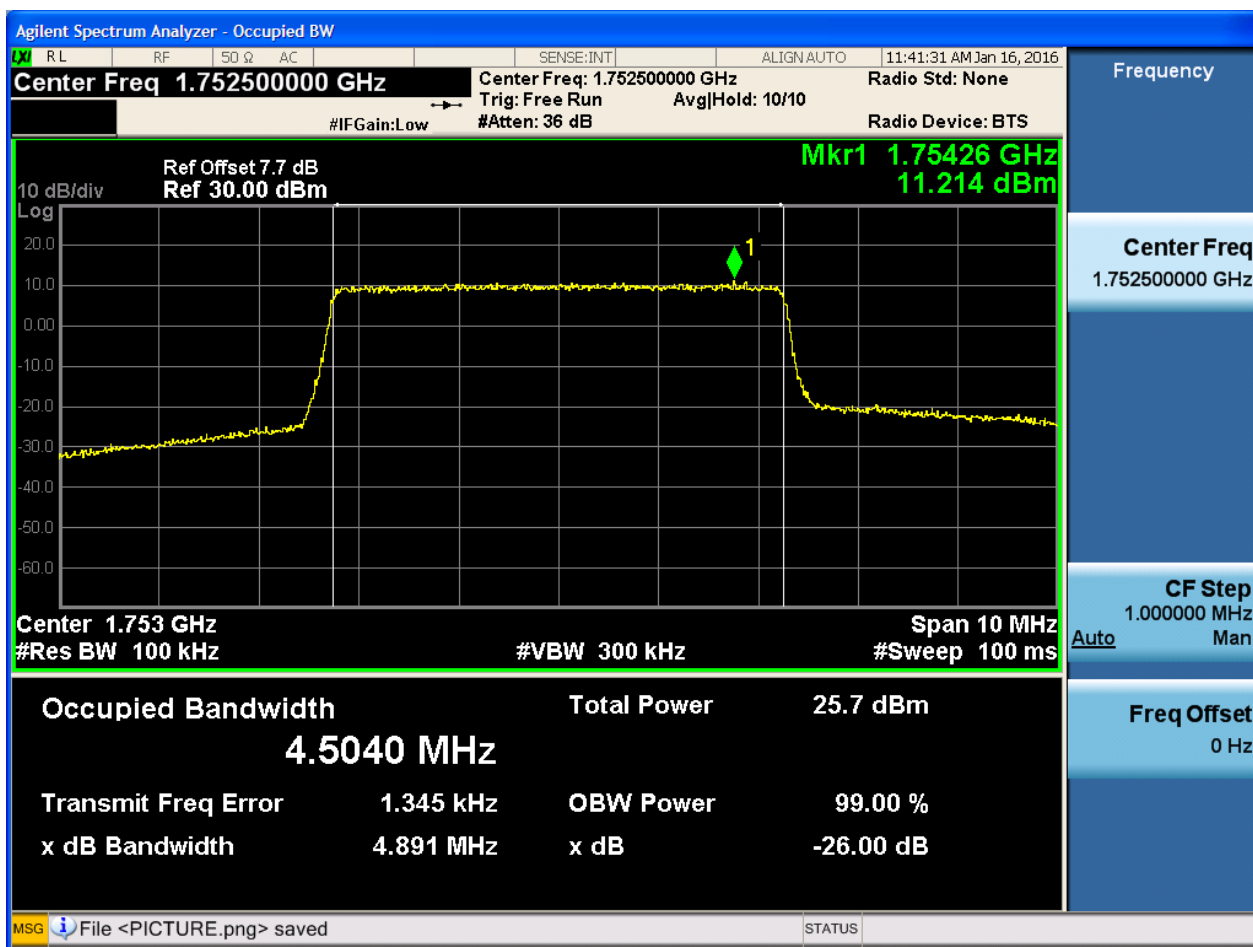
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

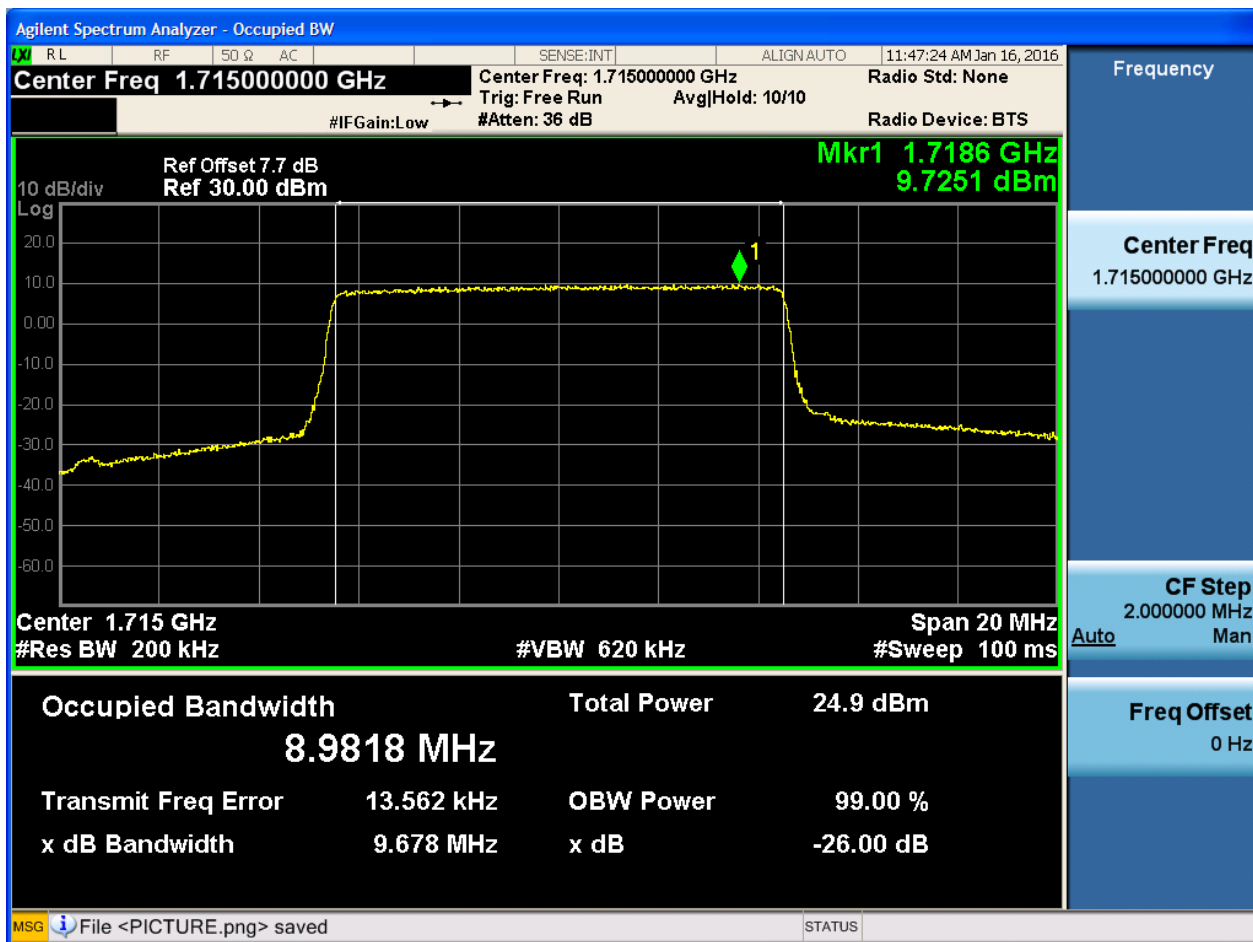




4.1.1.1.4 Test Bandwidth = 10

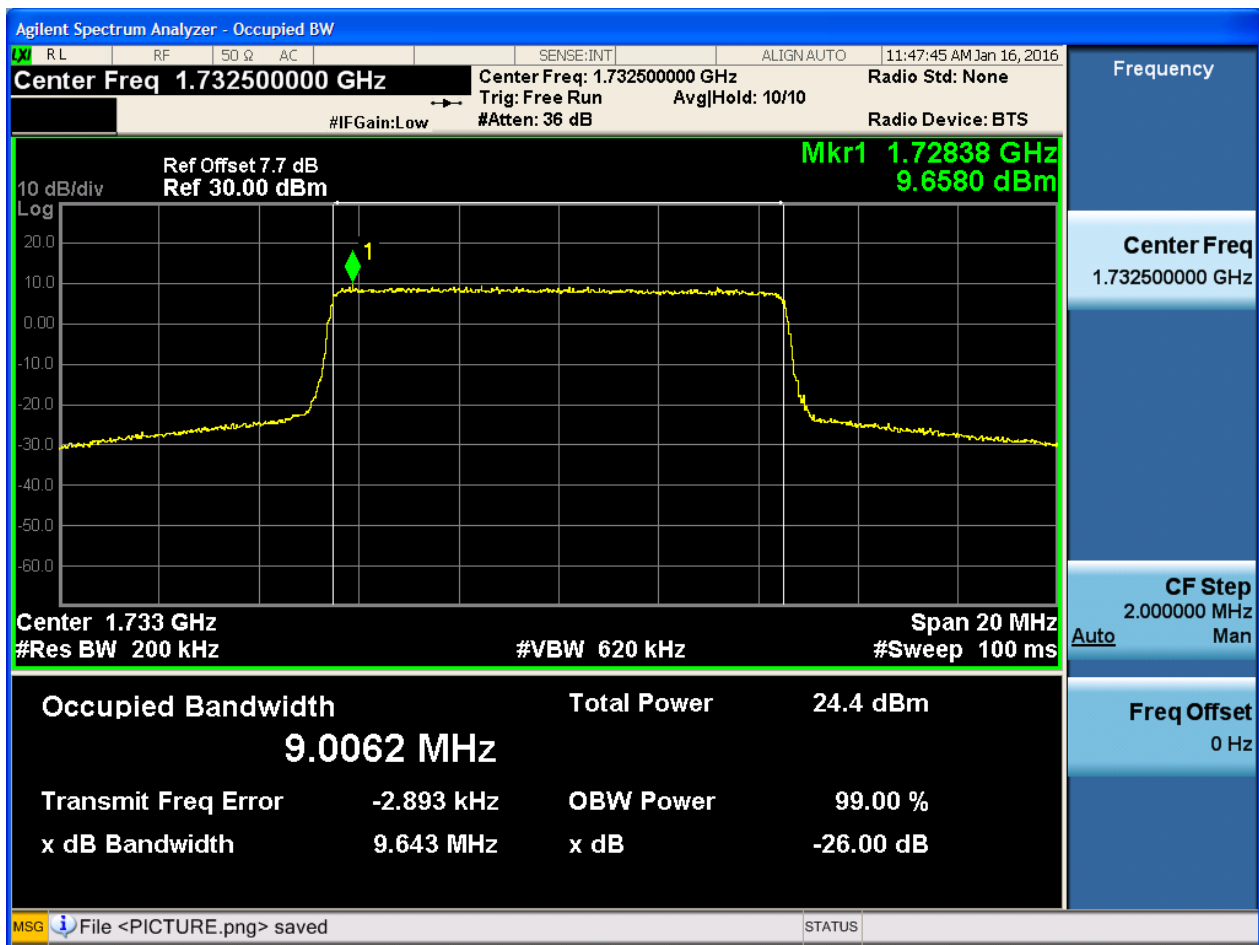
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



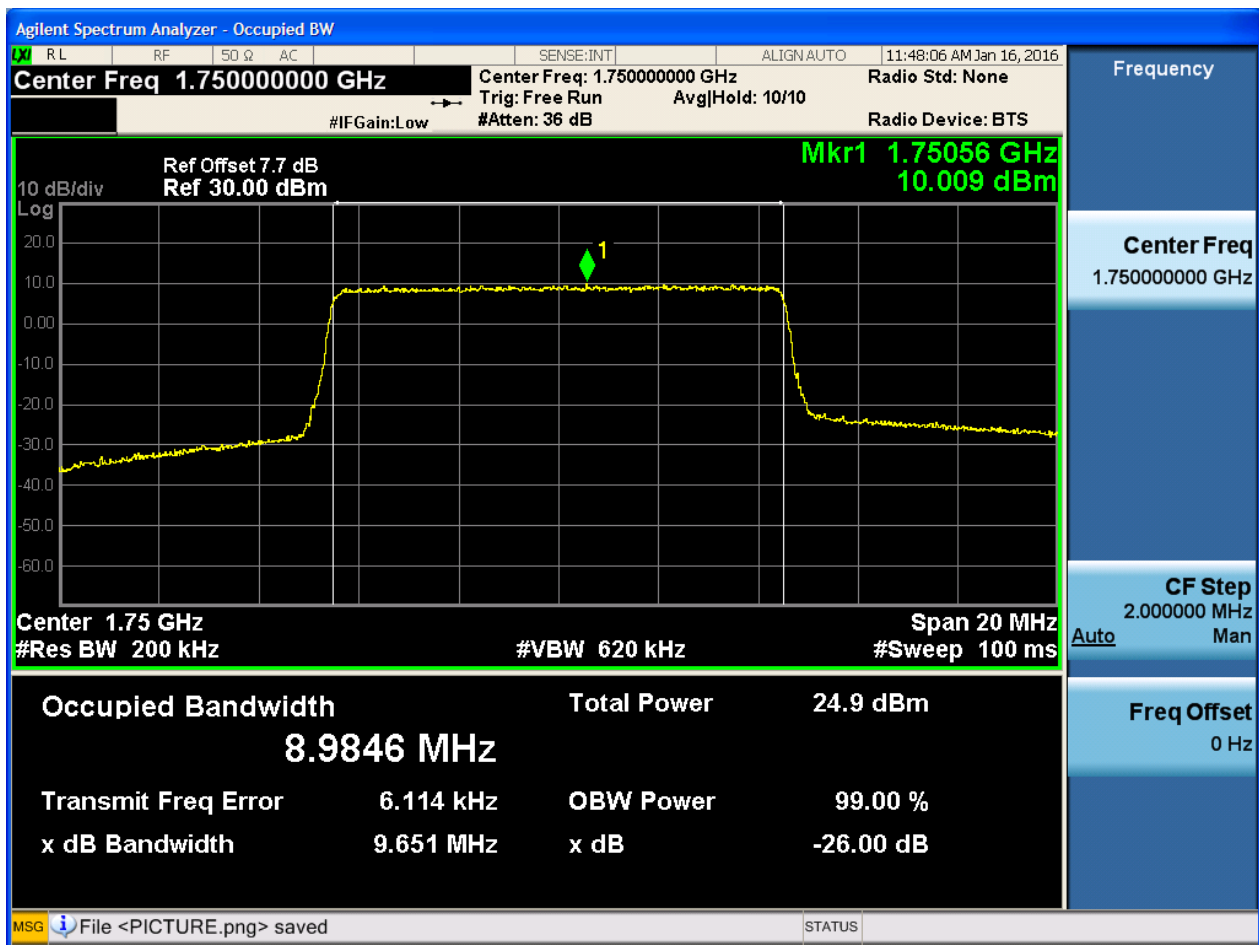
4.1.1.1.4.2 Test Channel = MCH

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

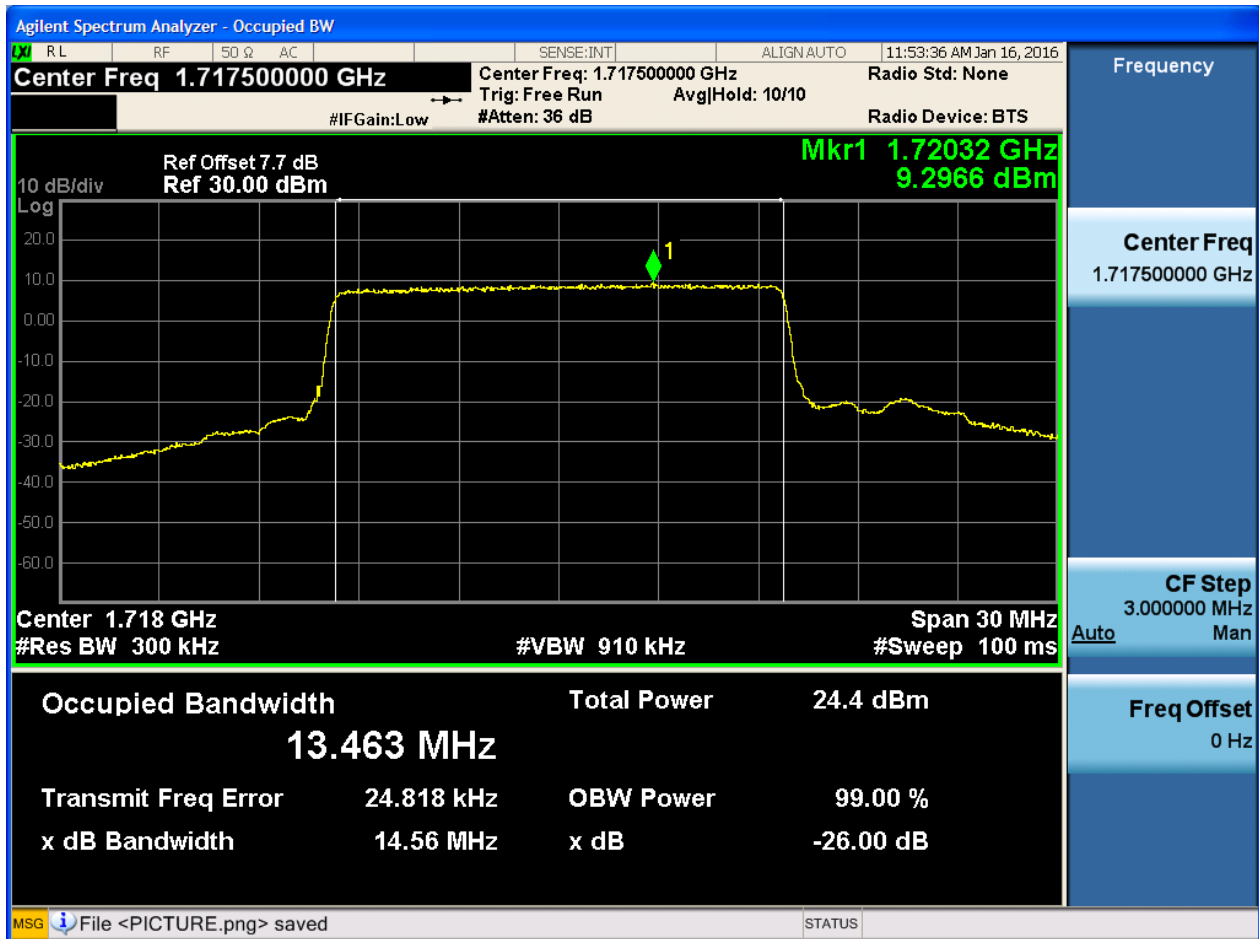




4.1.1.1.5 Test Bandwidth = 15

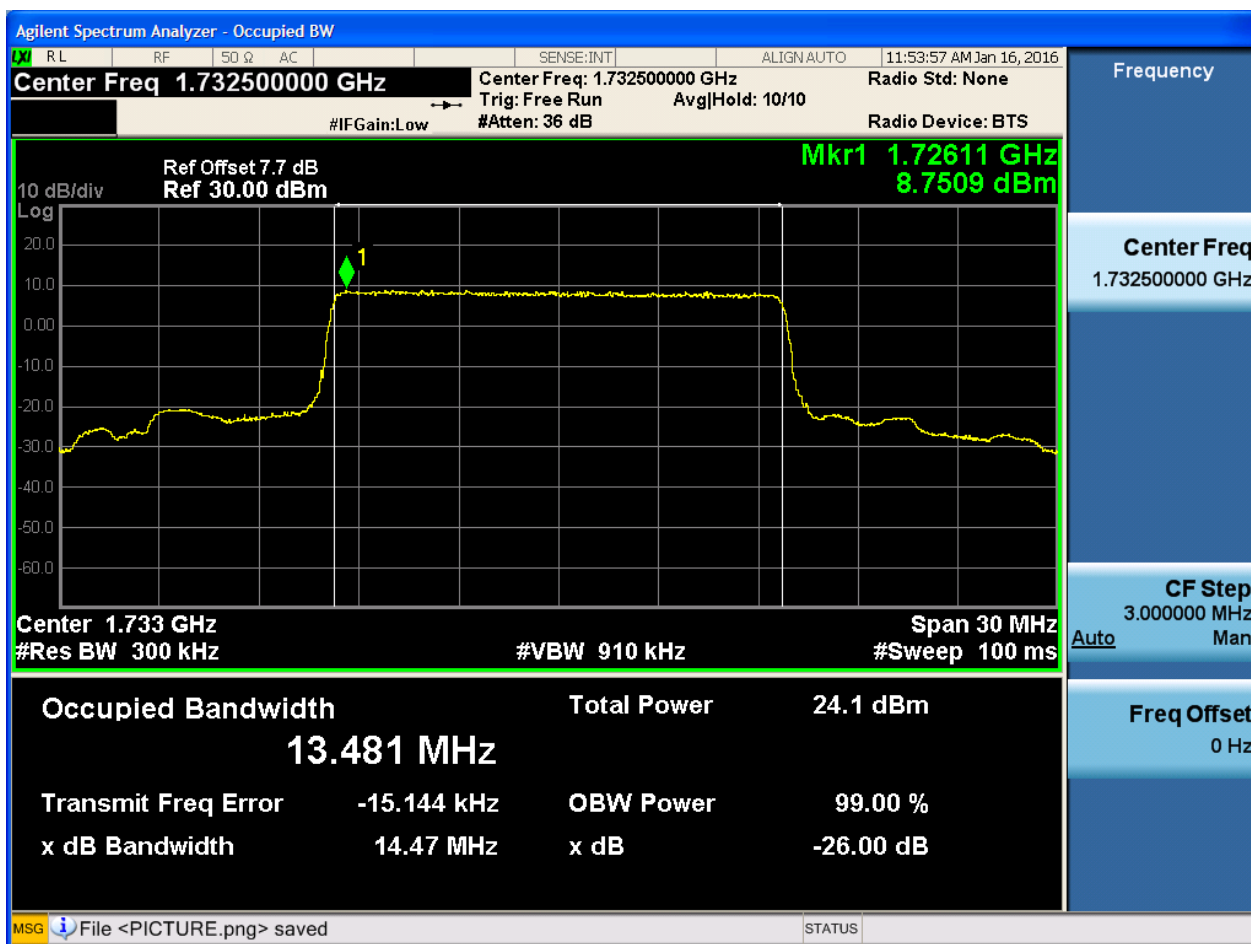
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



4.1.1.1.5.2 Test Channel = MCH

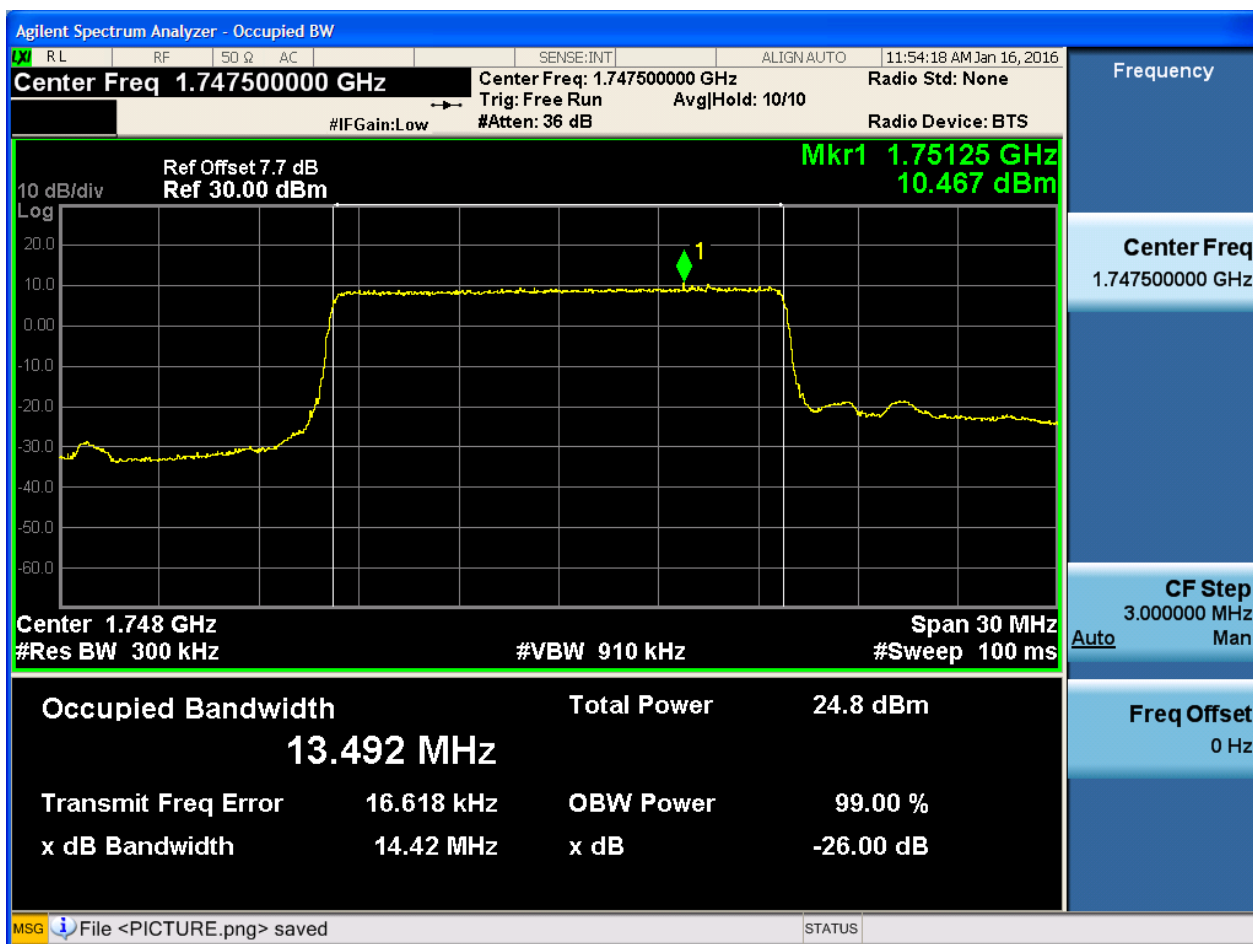
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

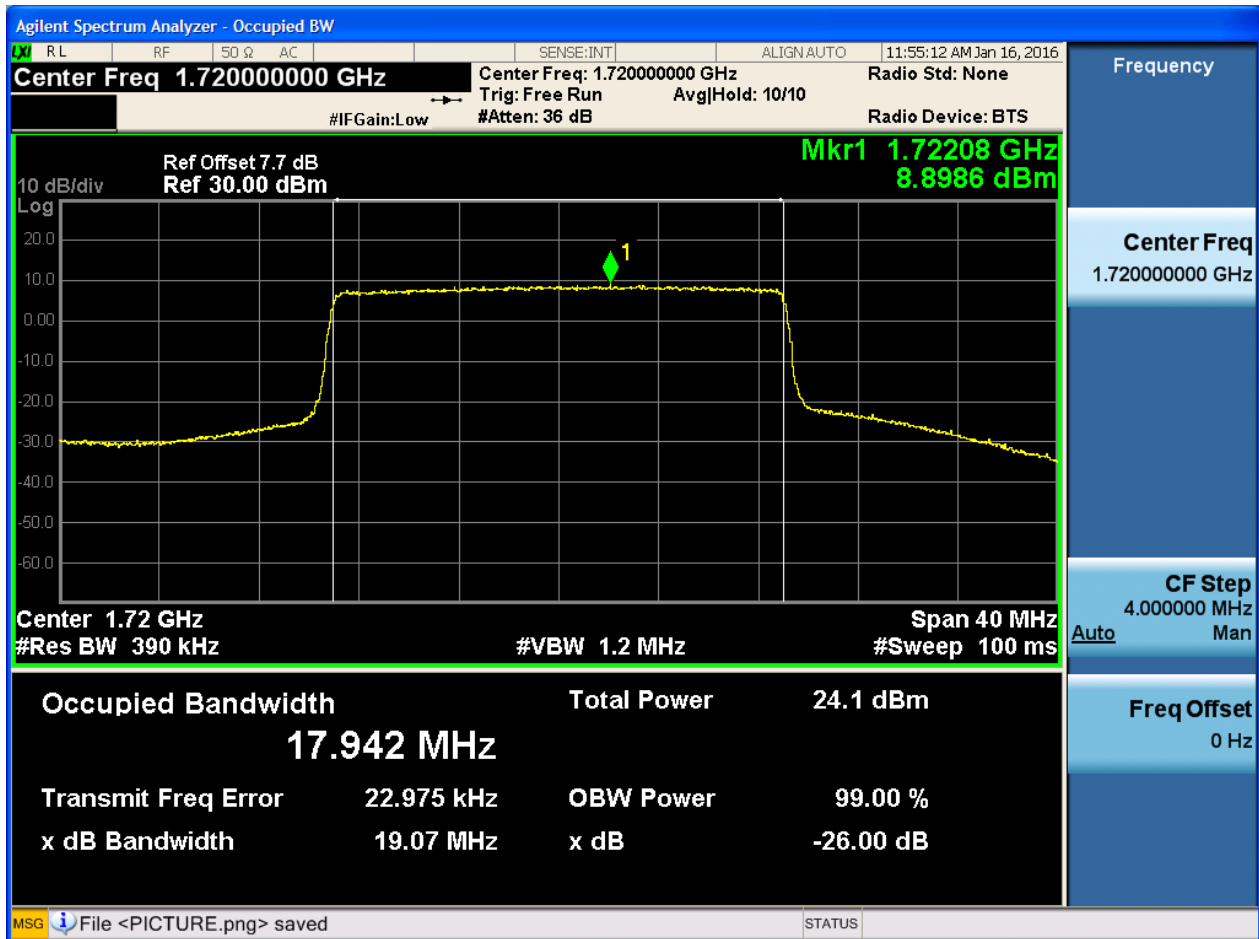




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

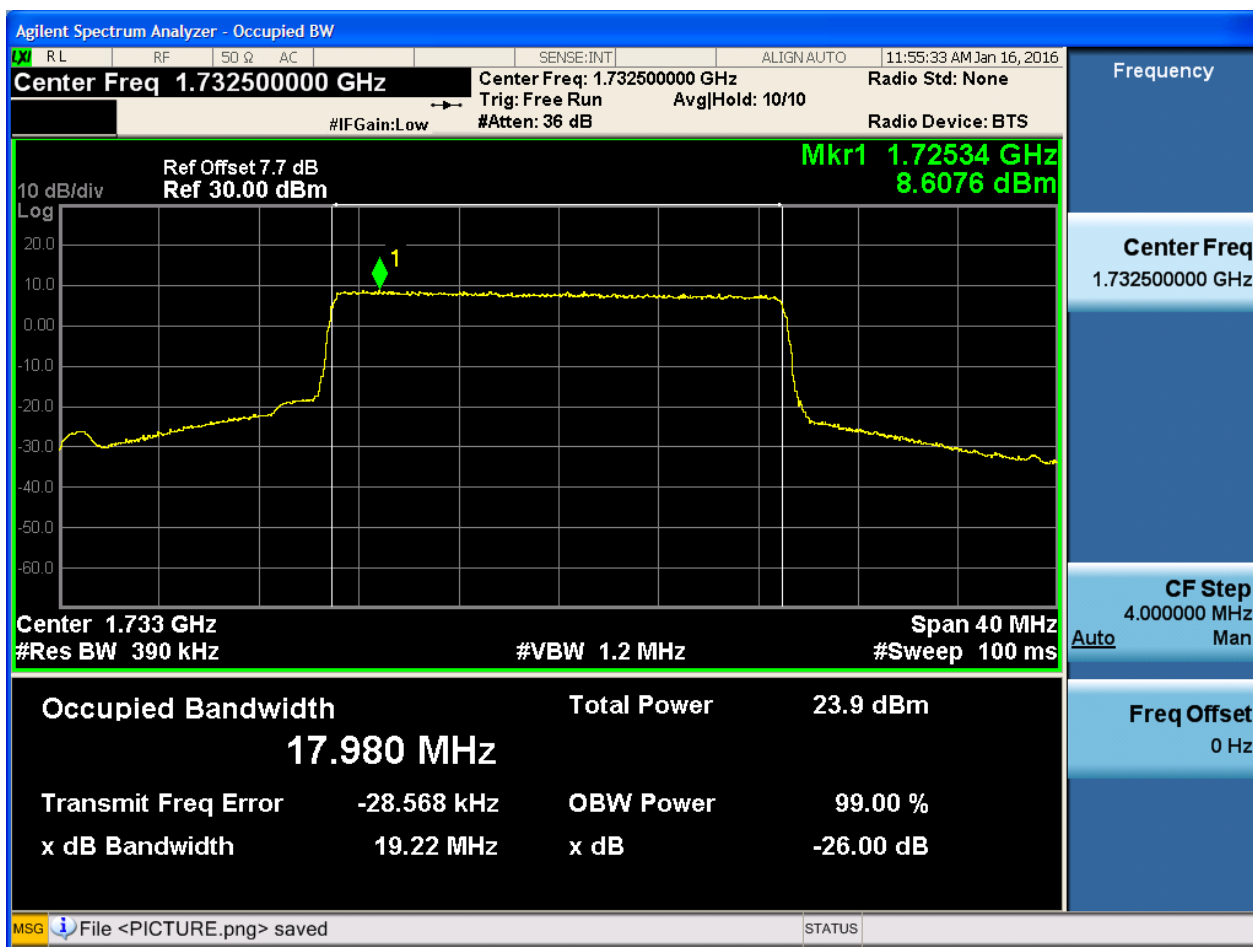
4.1.1.1.6.1.1 Test RB = RB100#0





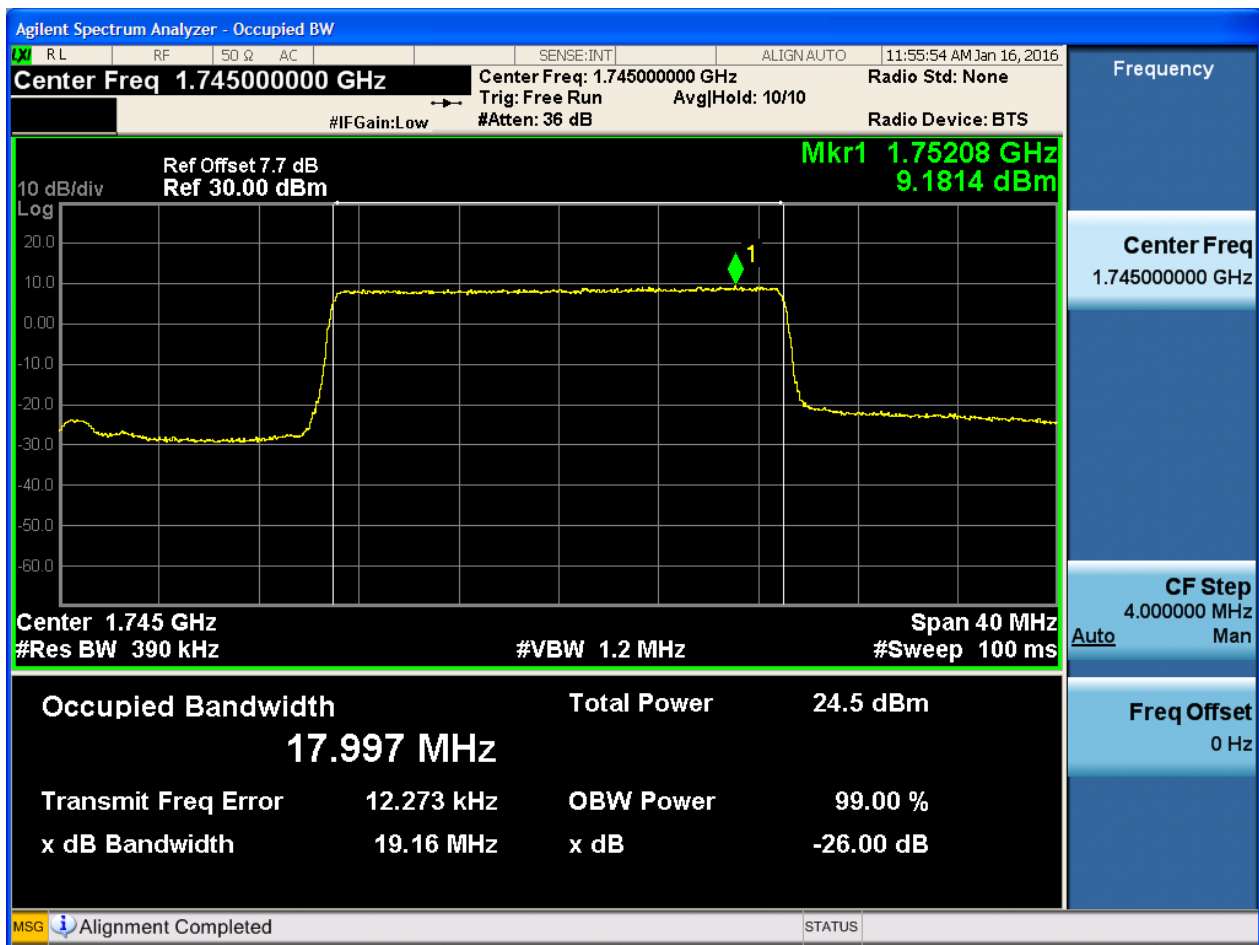
4.1.1.1.6.2 Test Channel = MCH

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



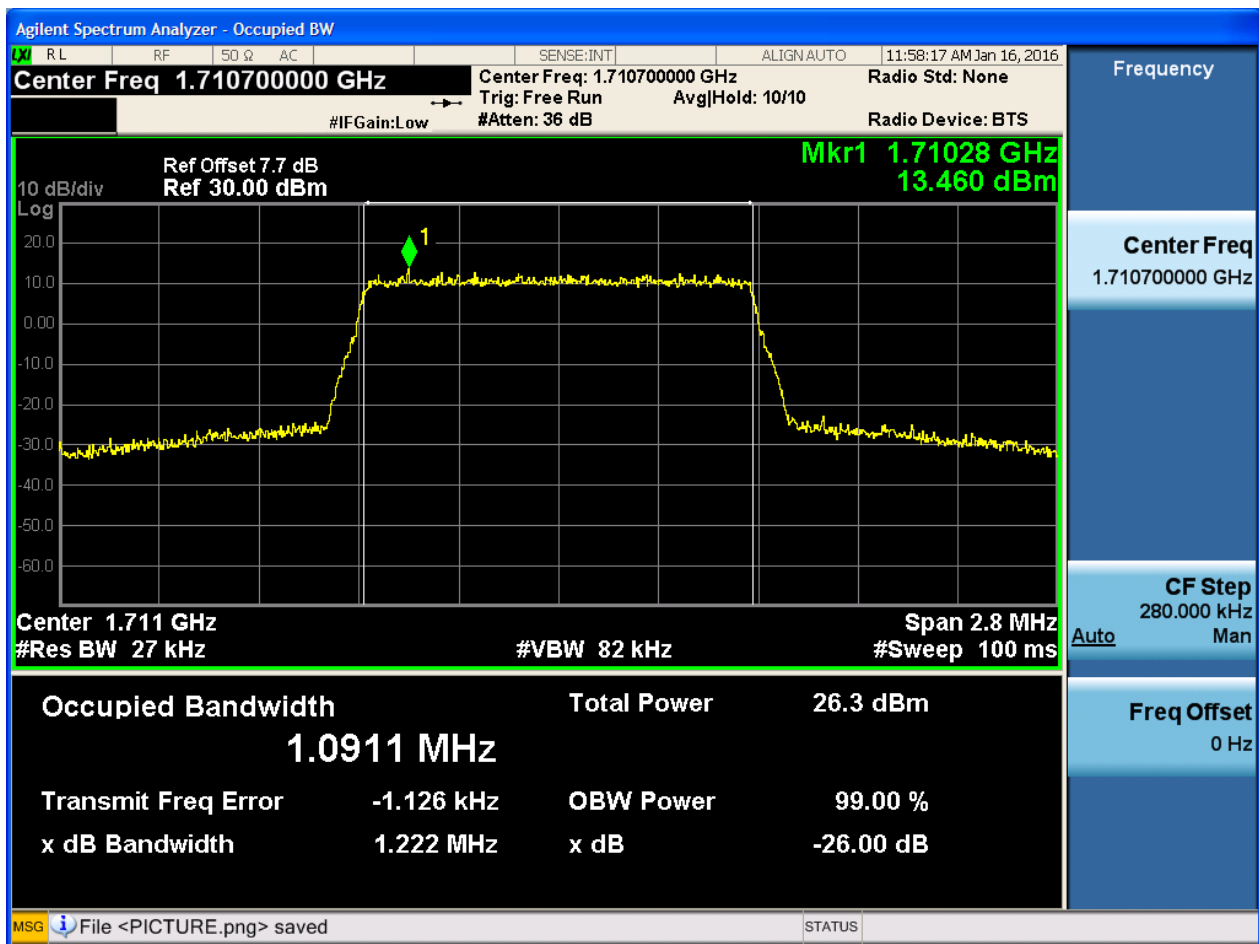


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

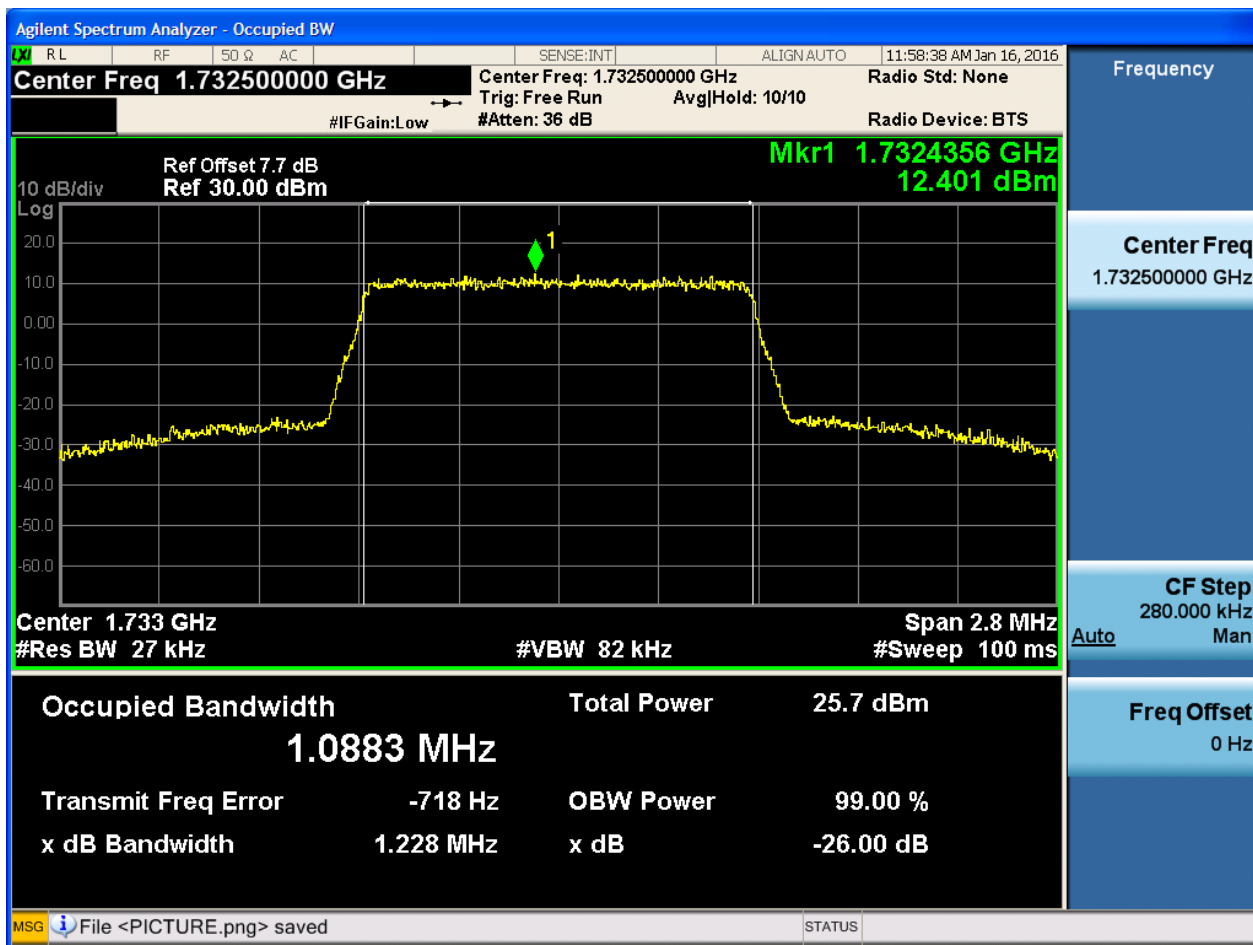
4.1.1.2.1.1.1 Test RB = RB6#0





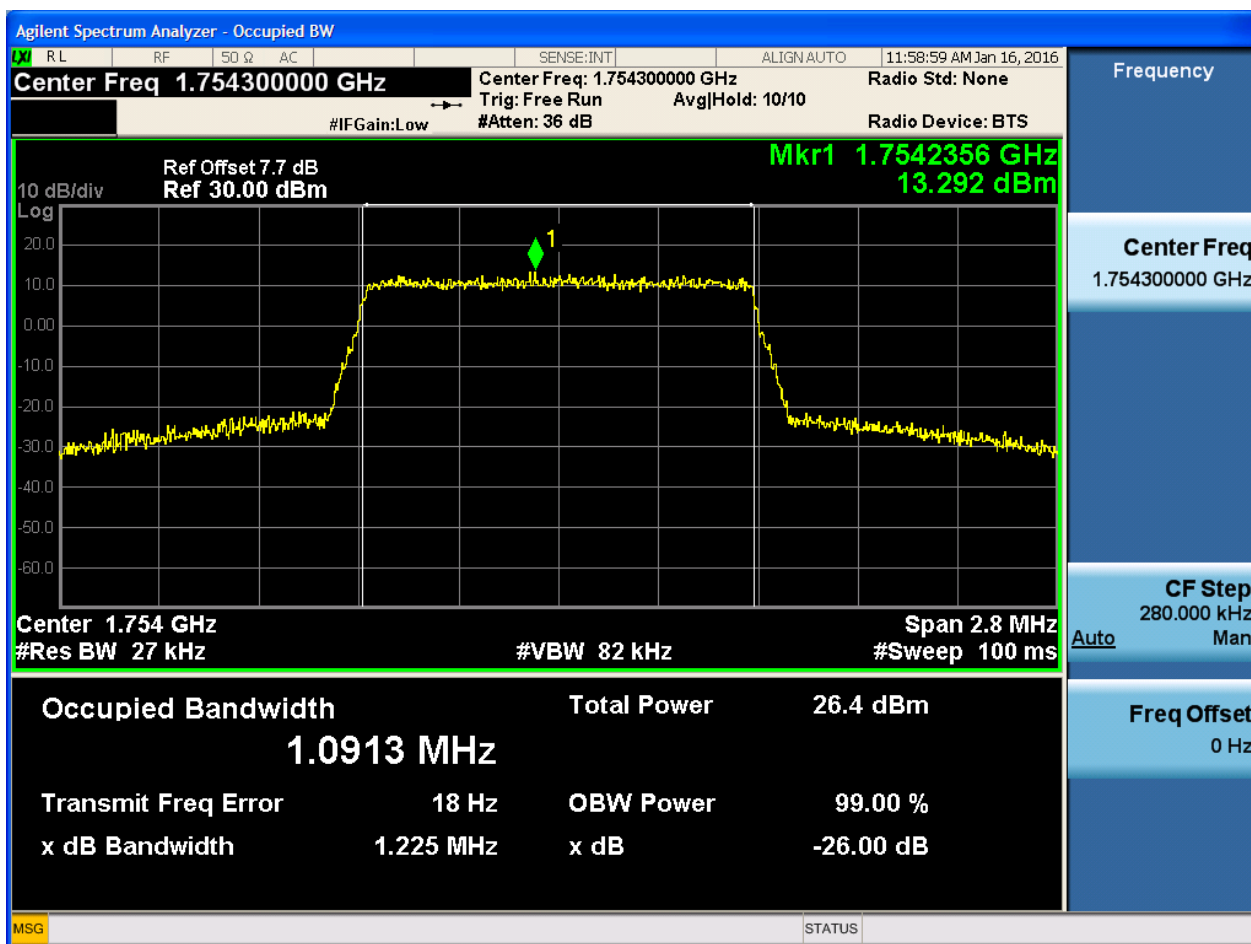
4.1.1.2.1.2 Test Channel = MCH

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

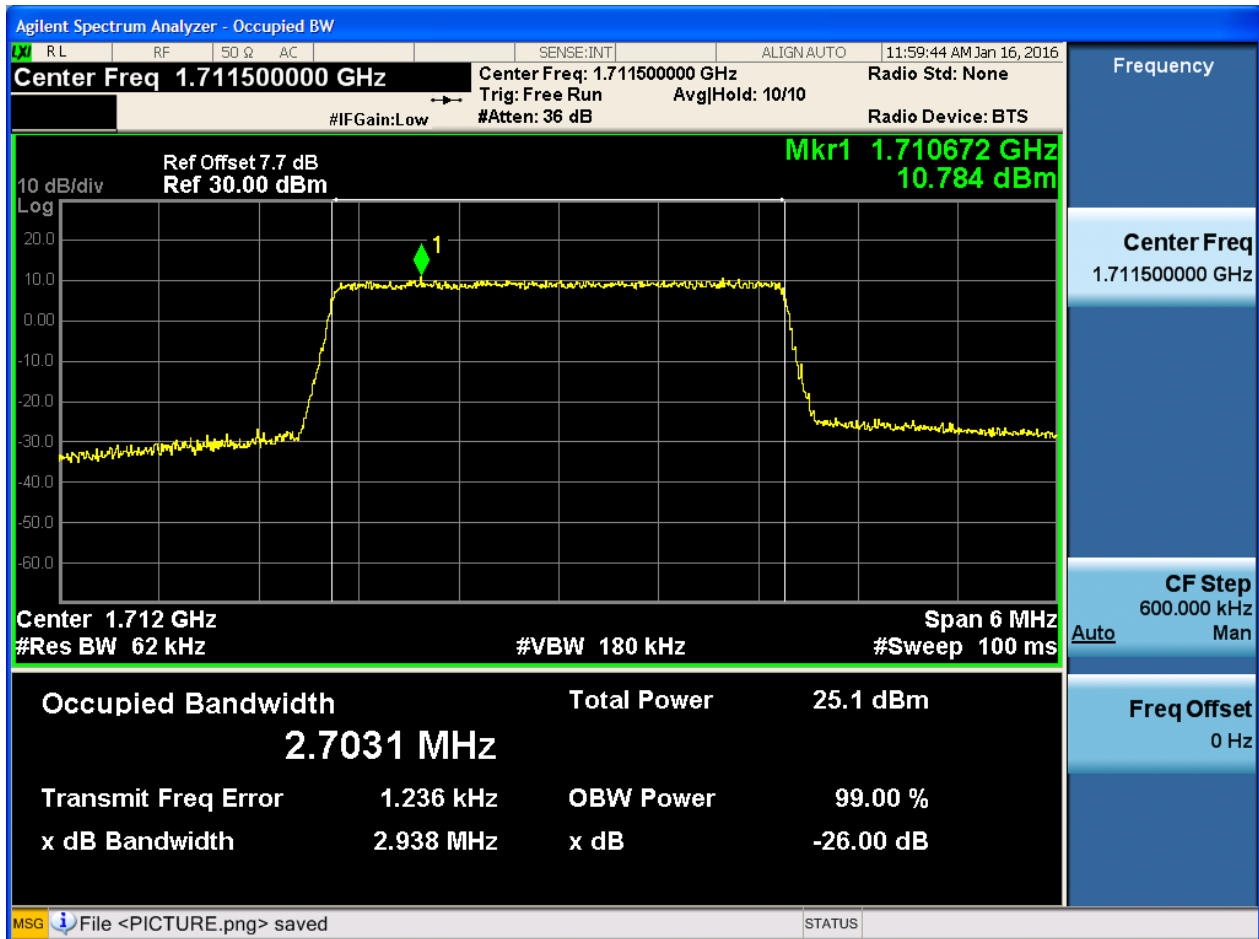




4.1.1.2.2 Test Bandwidth = 3

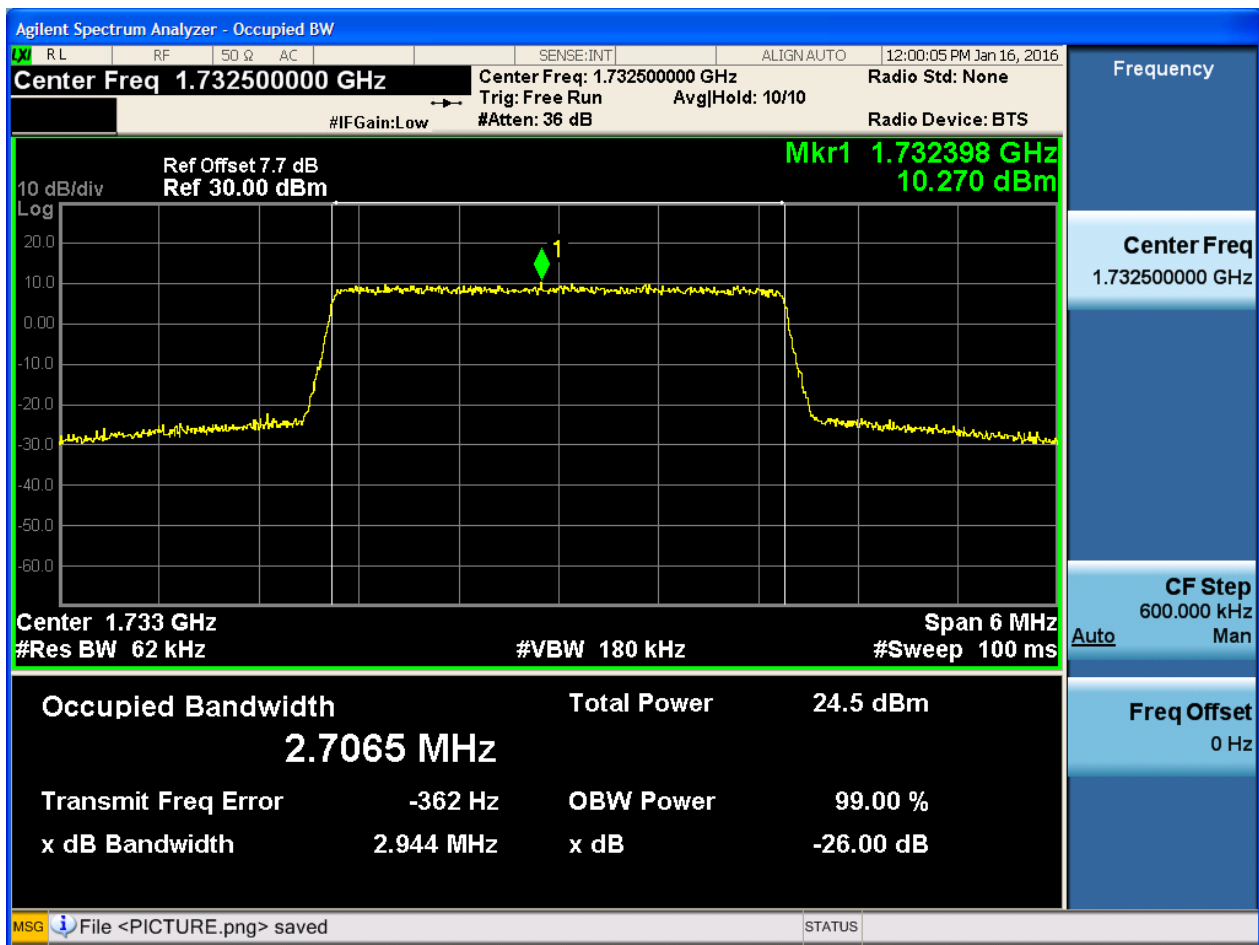
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



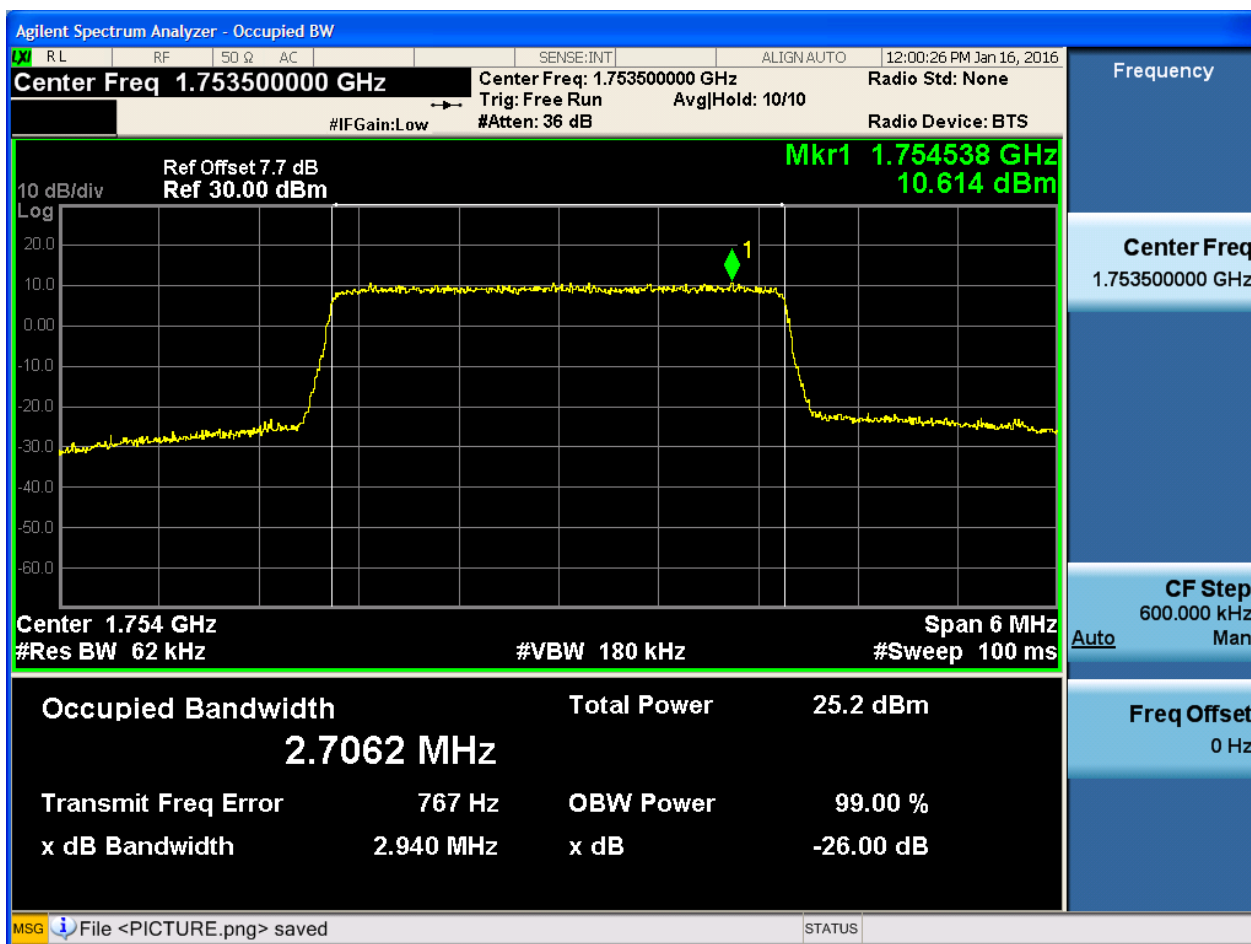
4.1.1.2.2.2 Test Channel = MCH

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

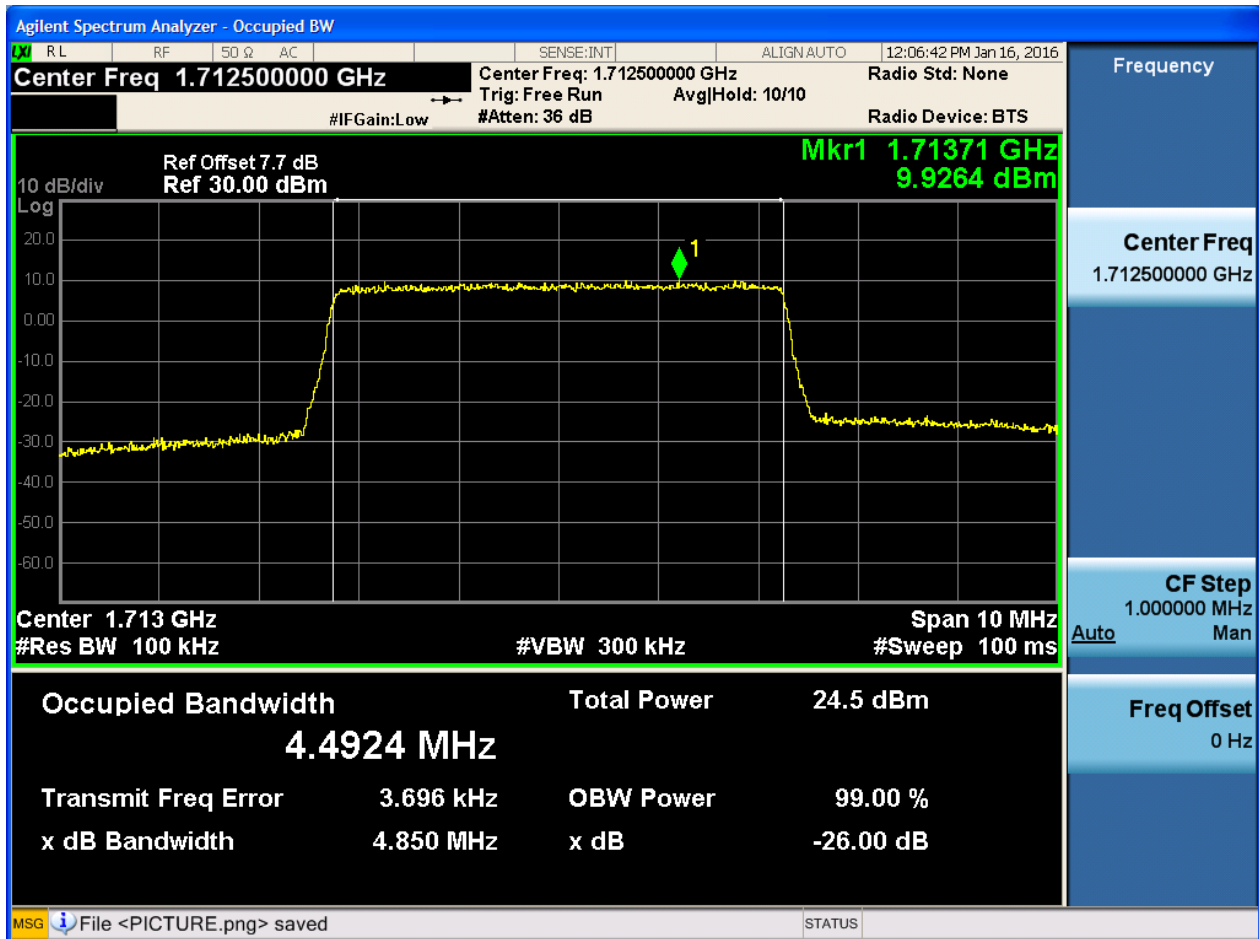




4.1.1.2.3 Test Bandwidth = 5

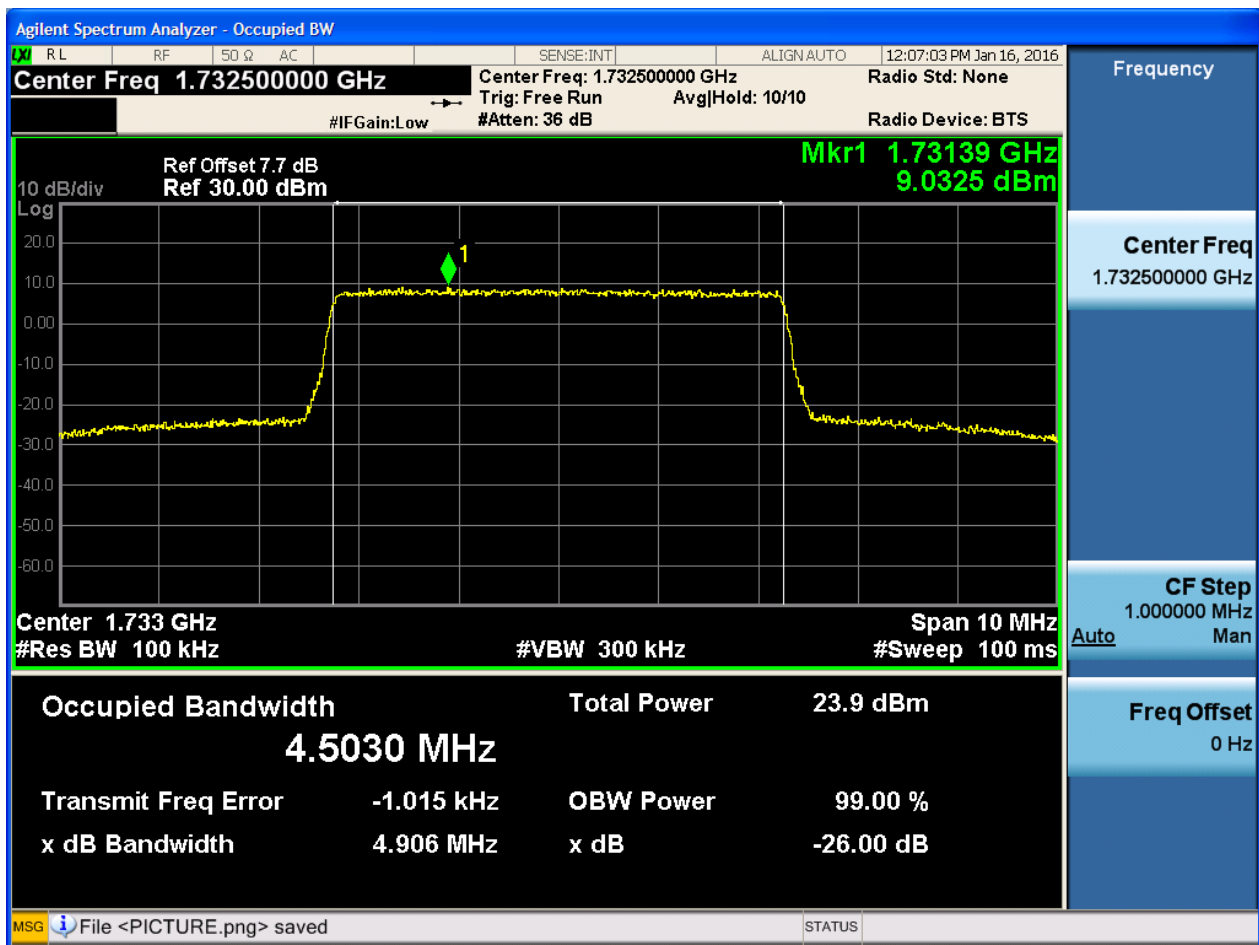
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

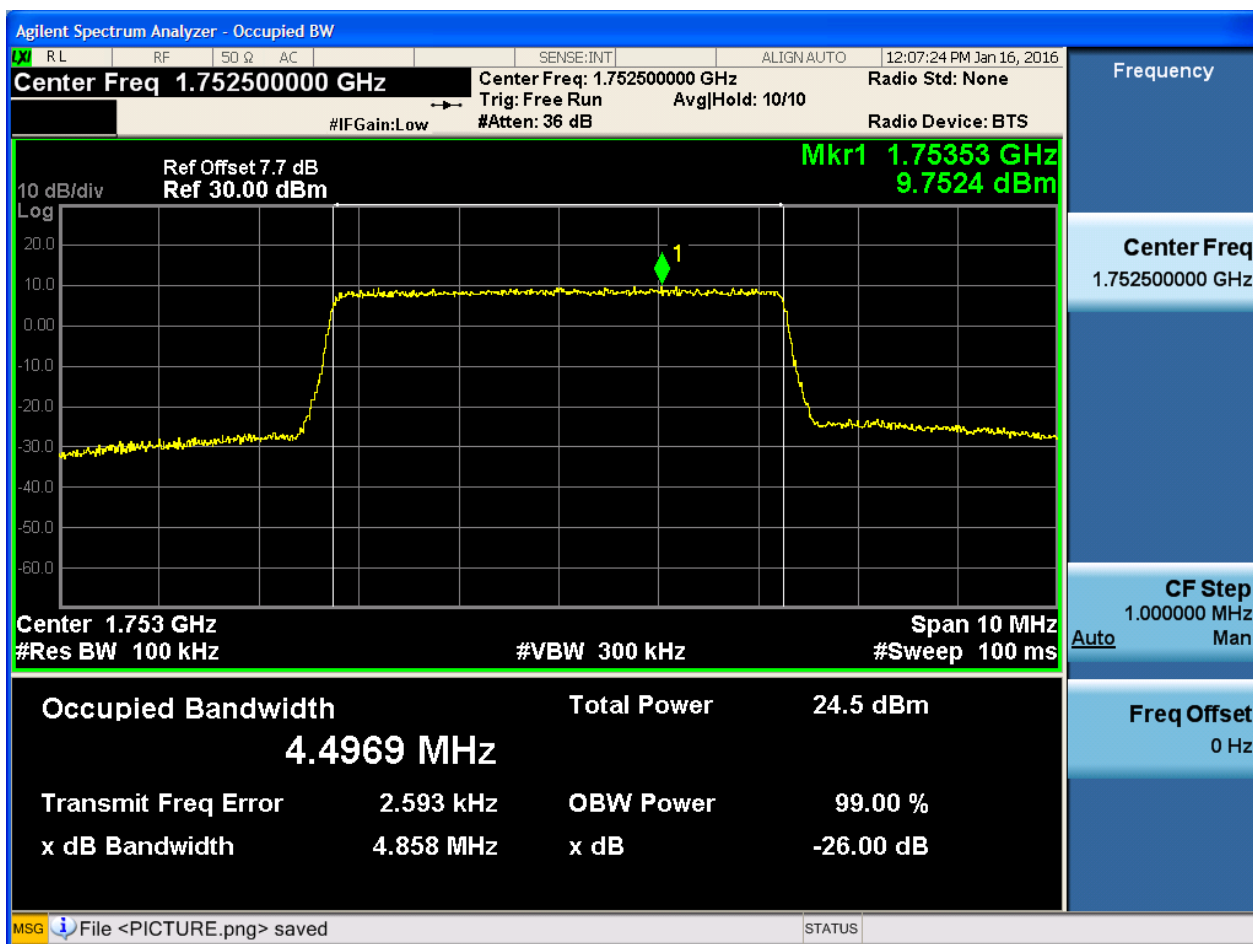
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

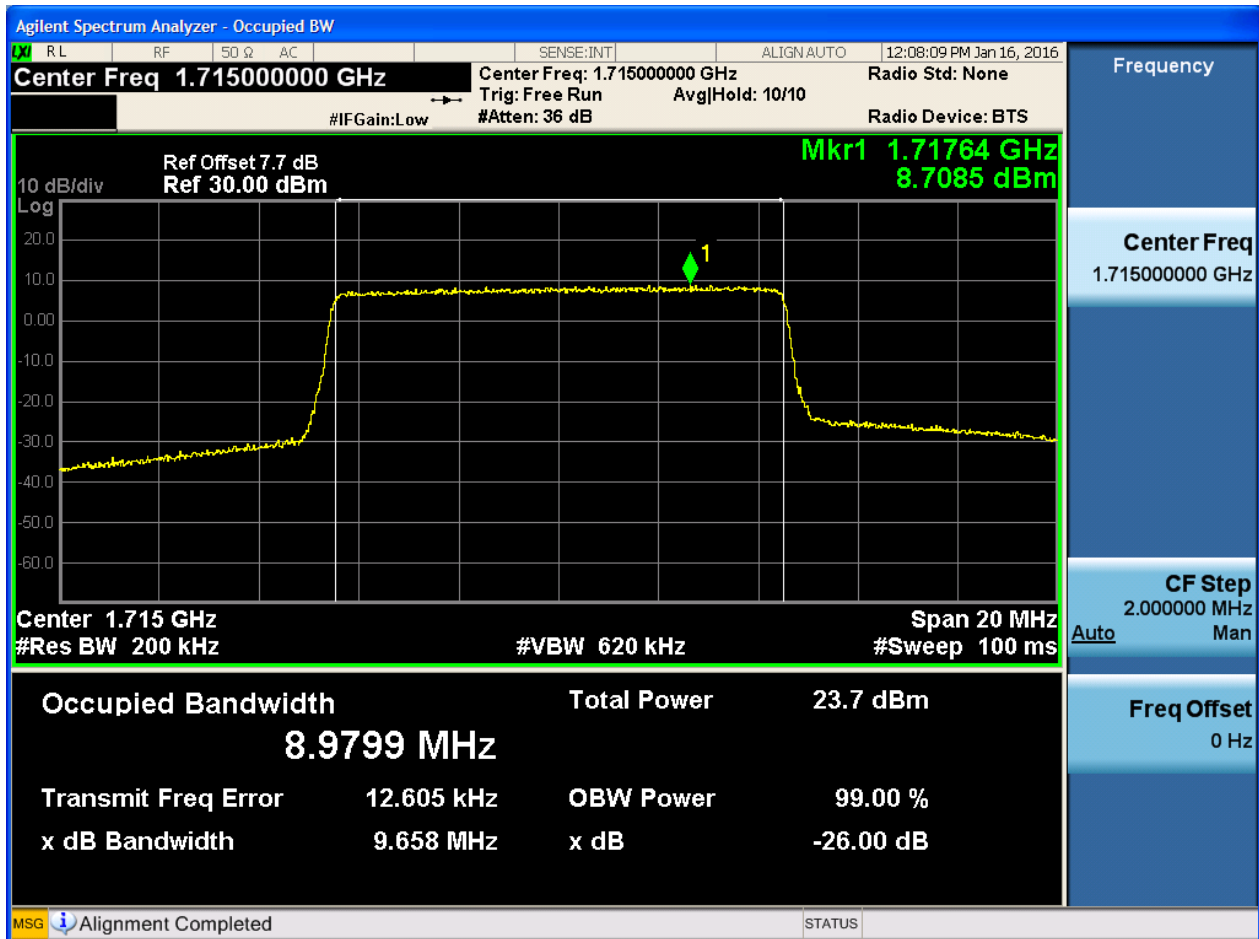




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

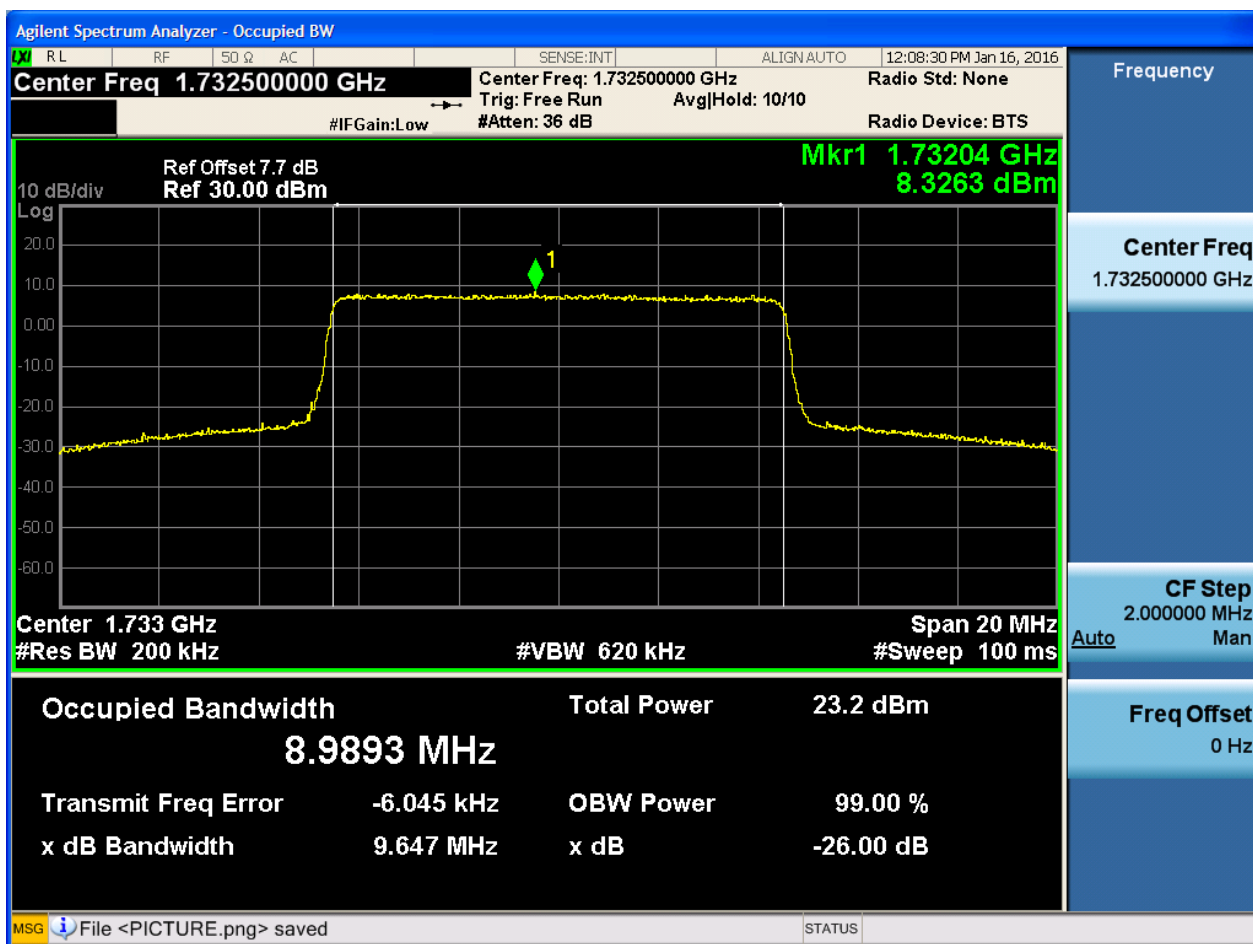
4.1.1.2.4.1.1 Test RB = RB50#0





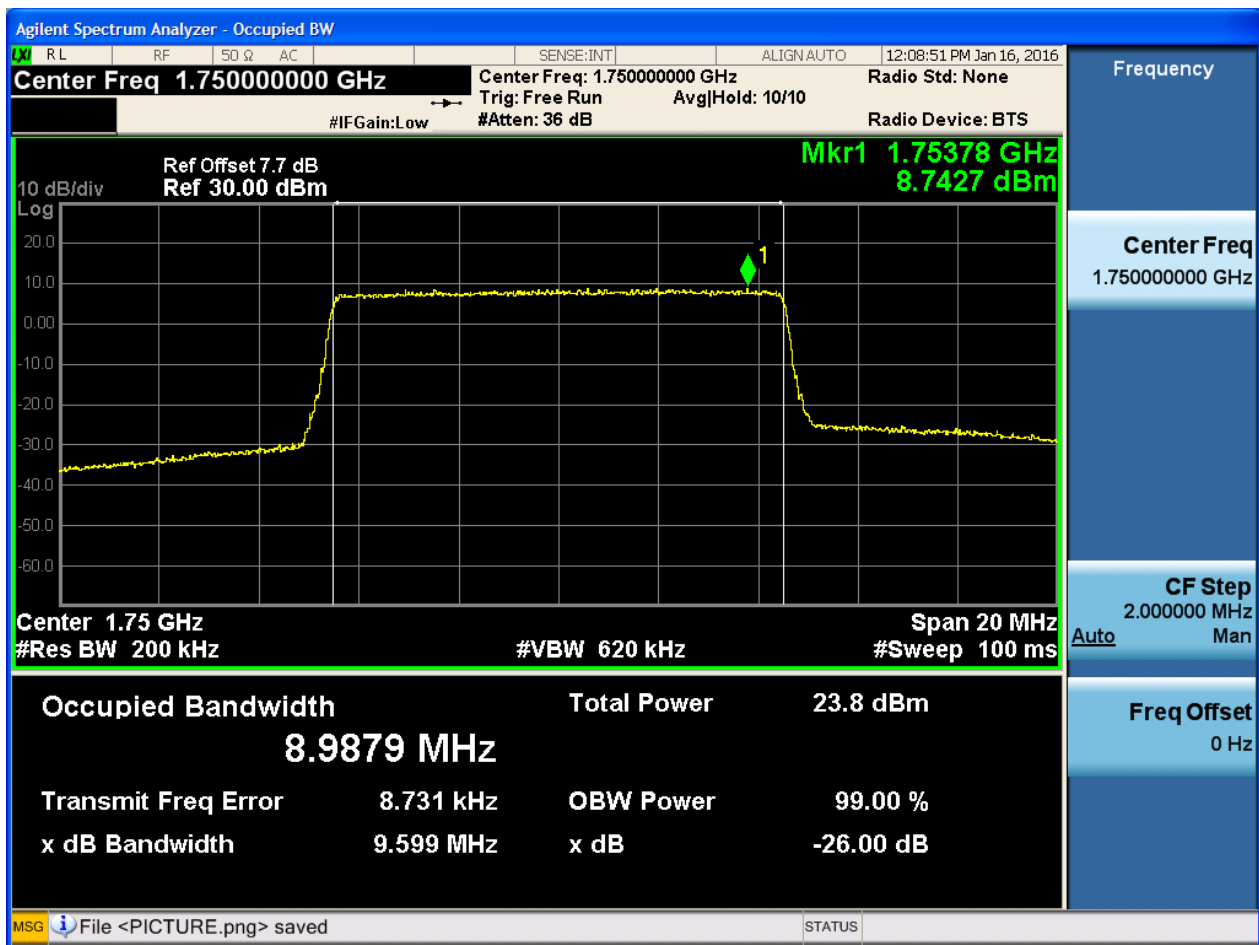
4.1.1.2.4.2 Test Channel = MCH

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

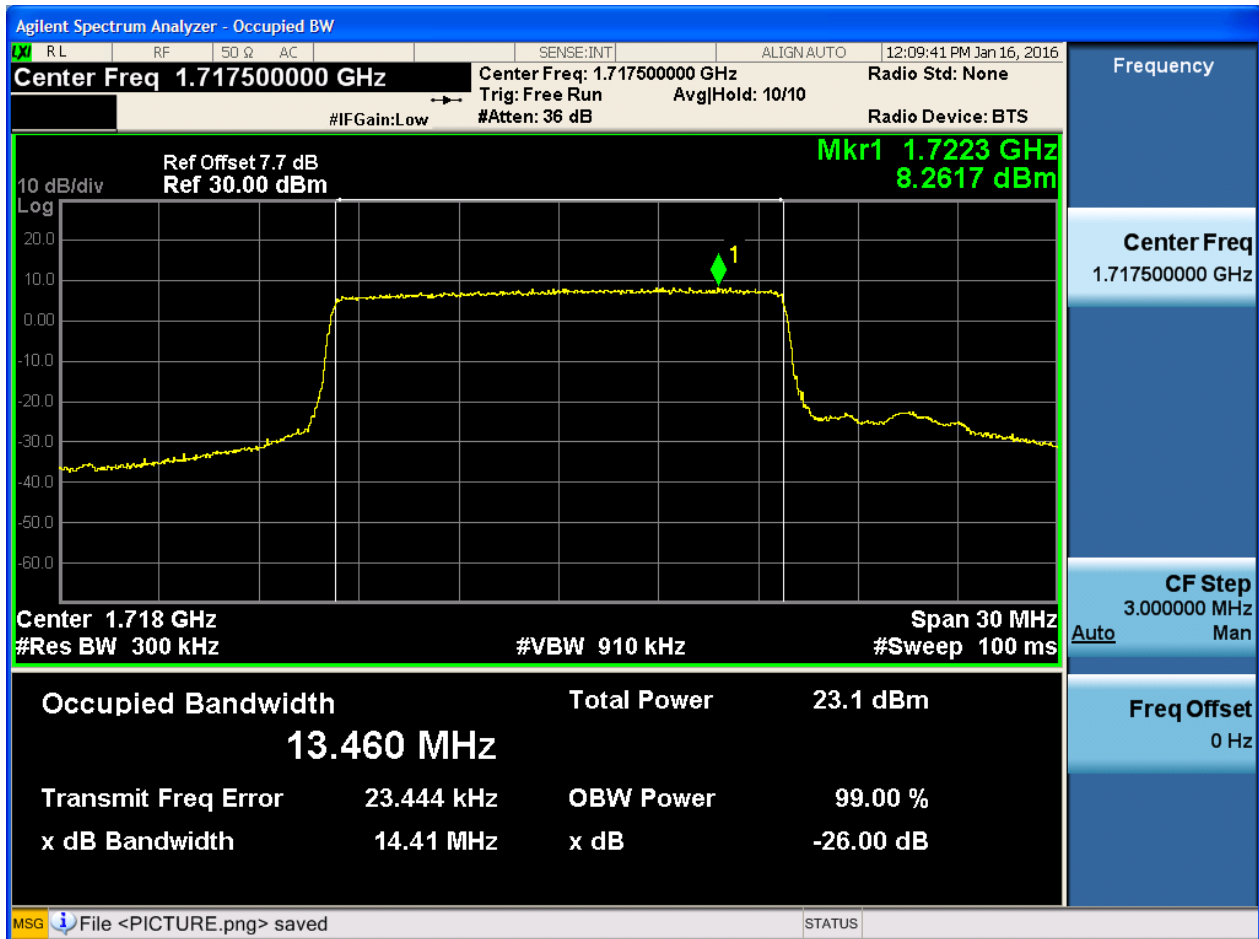




4.1.1.2.5 Test Bandwidth = 15

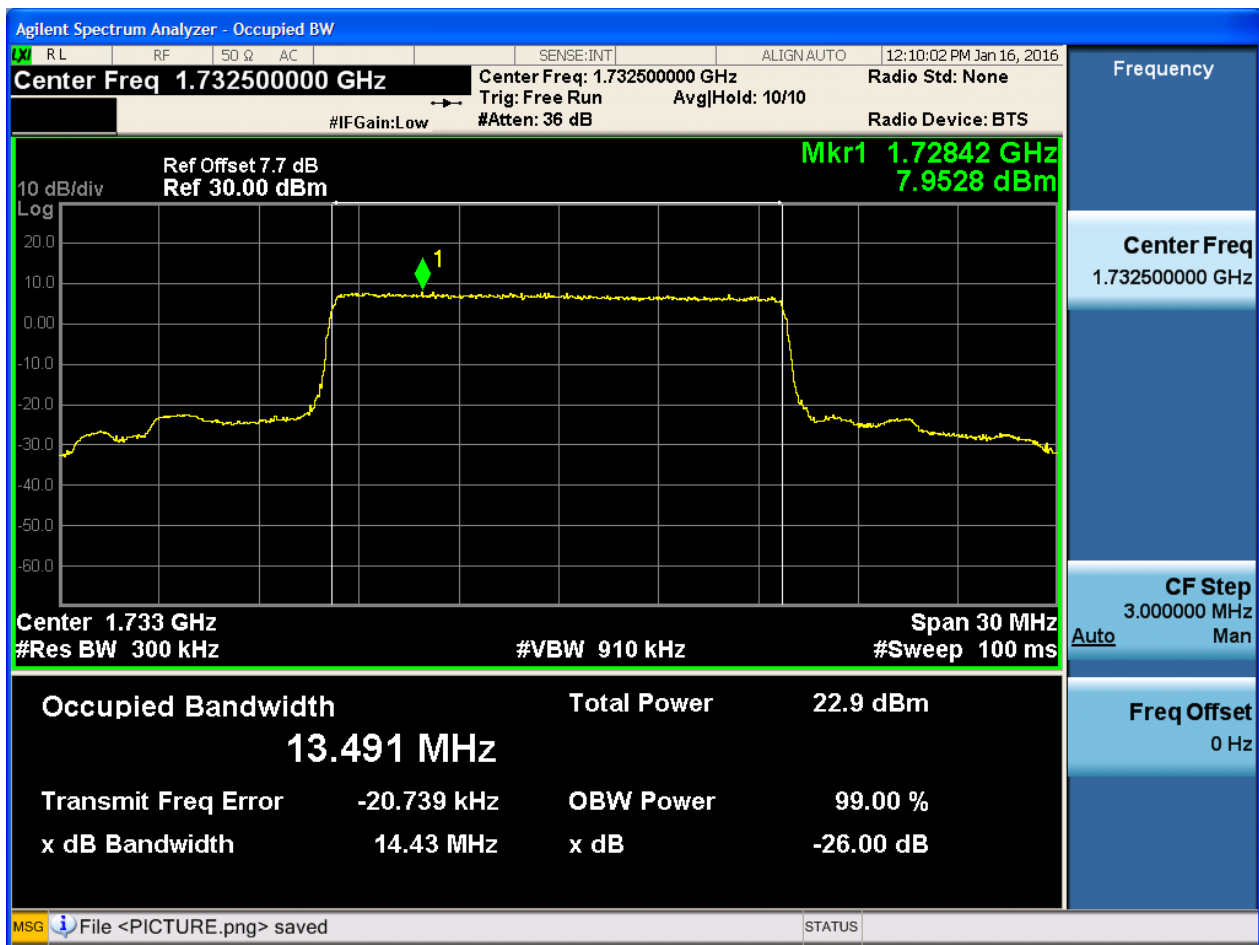
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



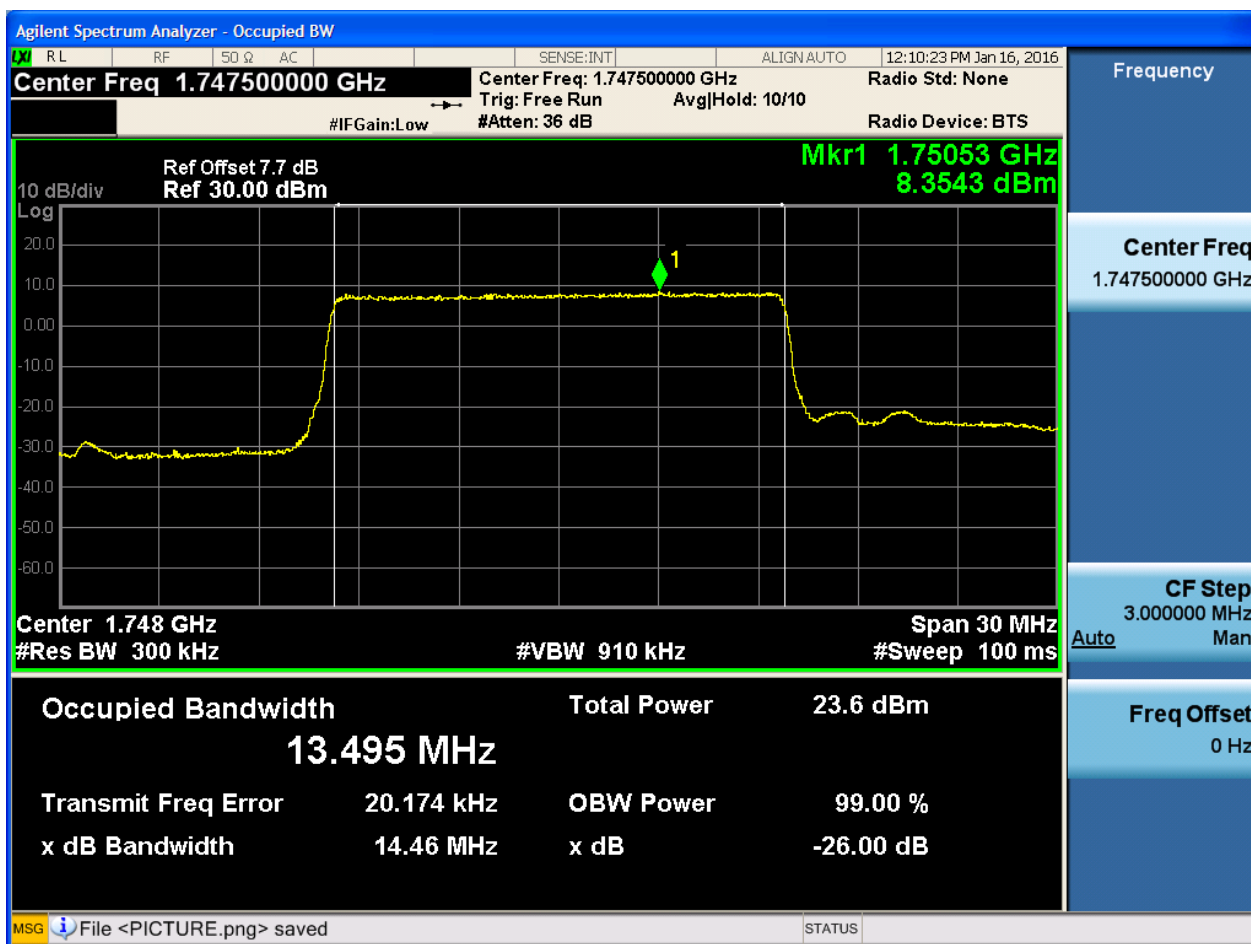
4.1.1.2.5.2 Test Channel = MCH

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

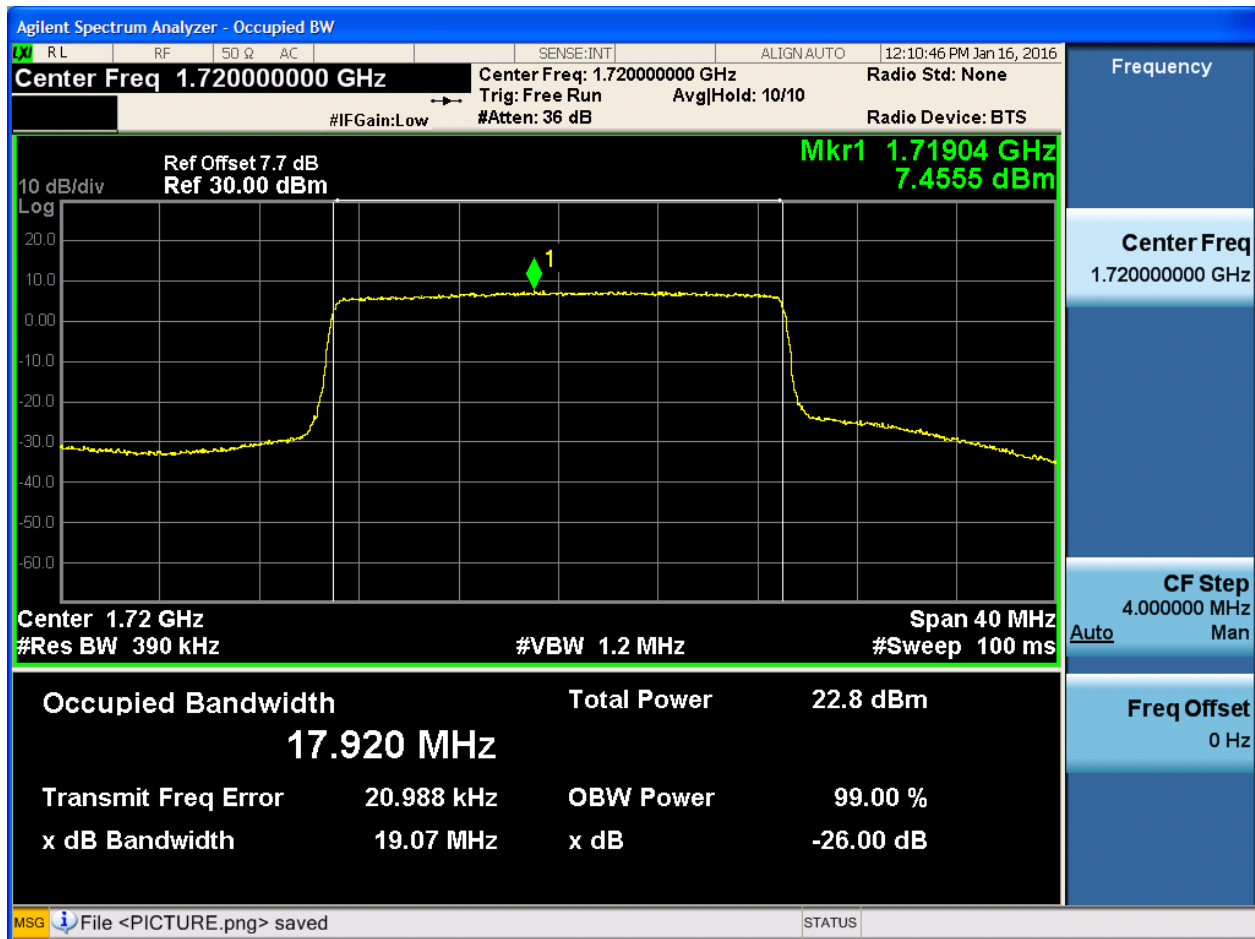




4.1.1.2.6 Test Bandwidth = 20

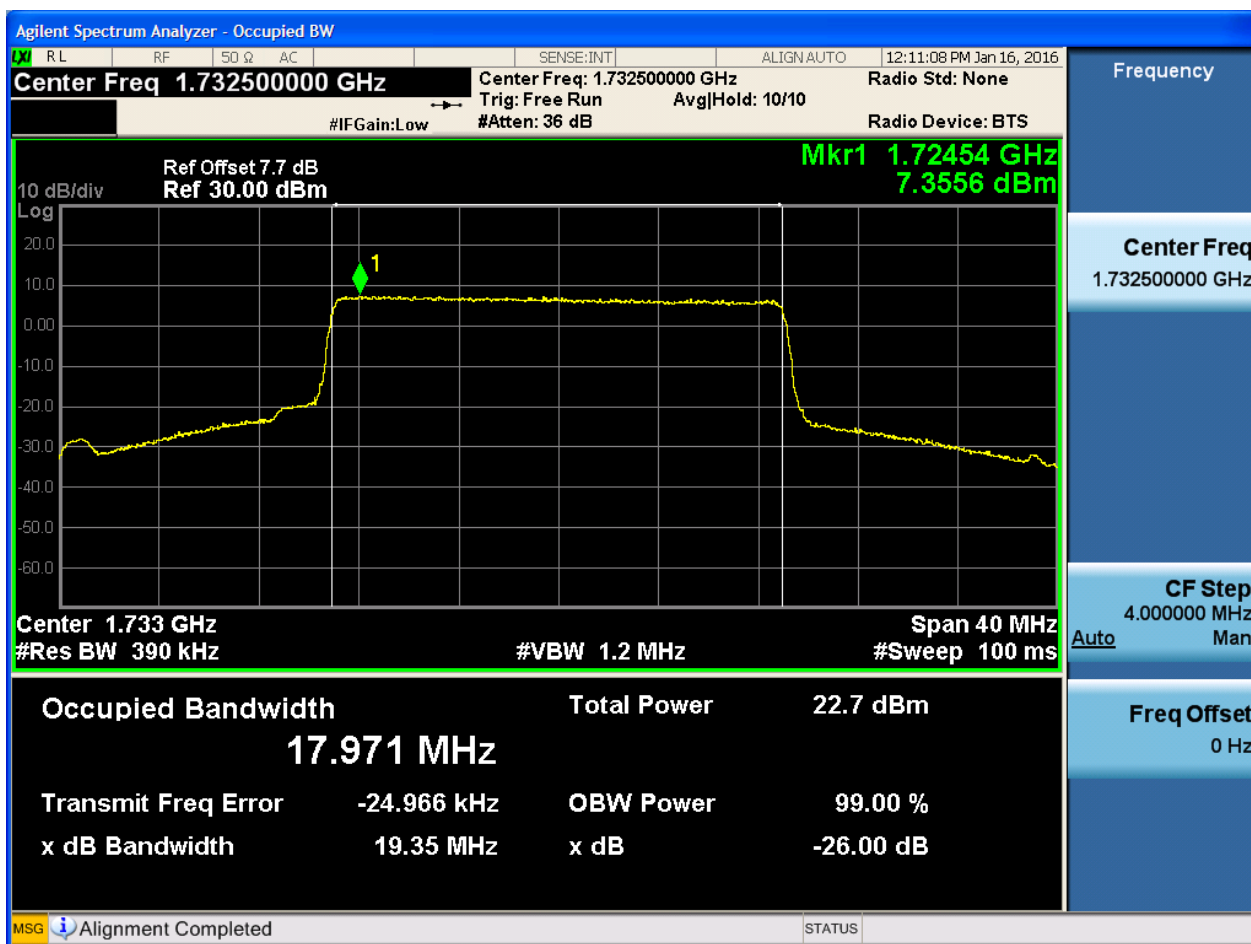
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



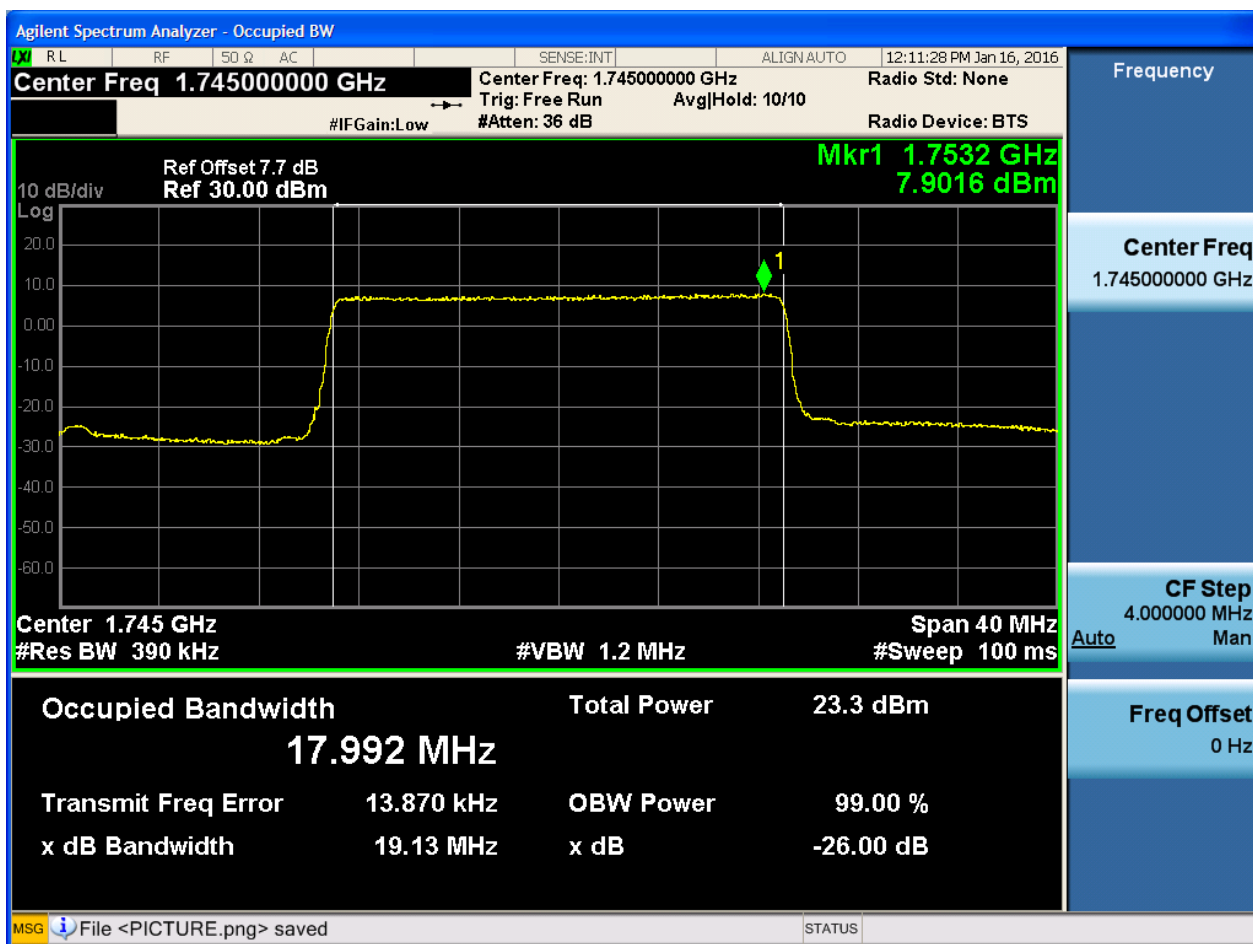
4.1.1.2.6.2 Test Channel = MCH

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

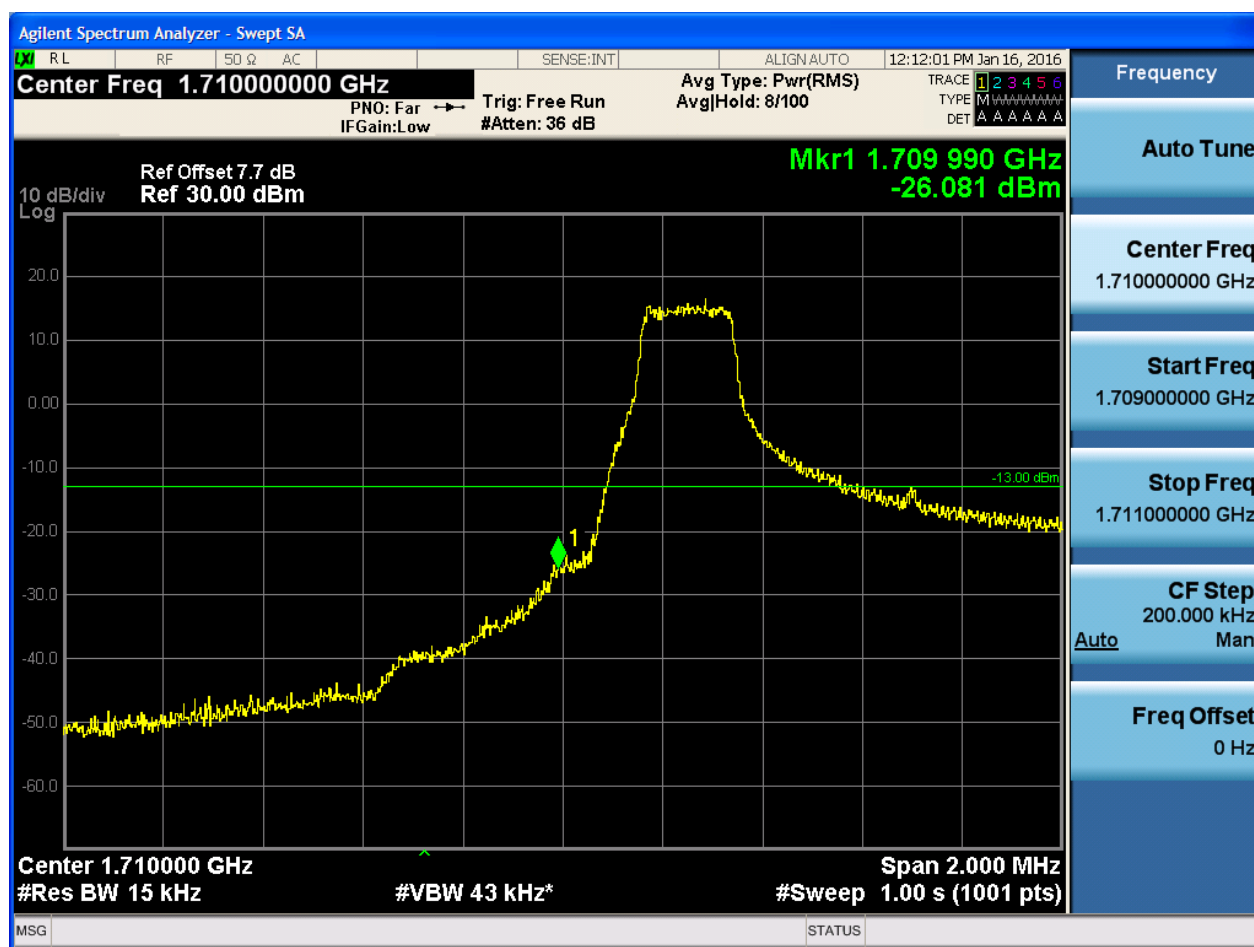
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



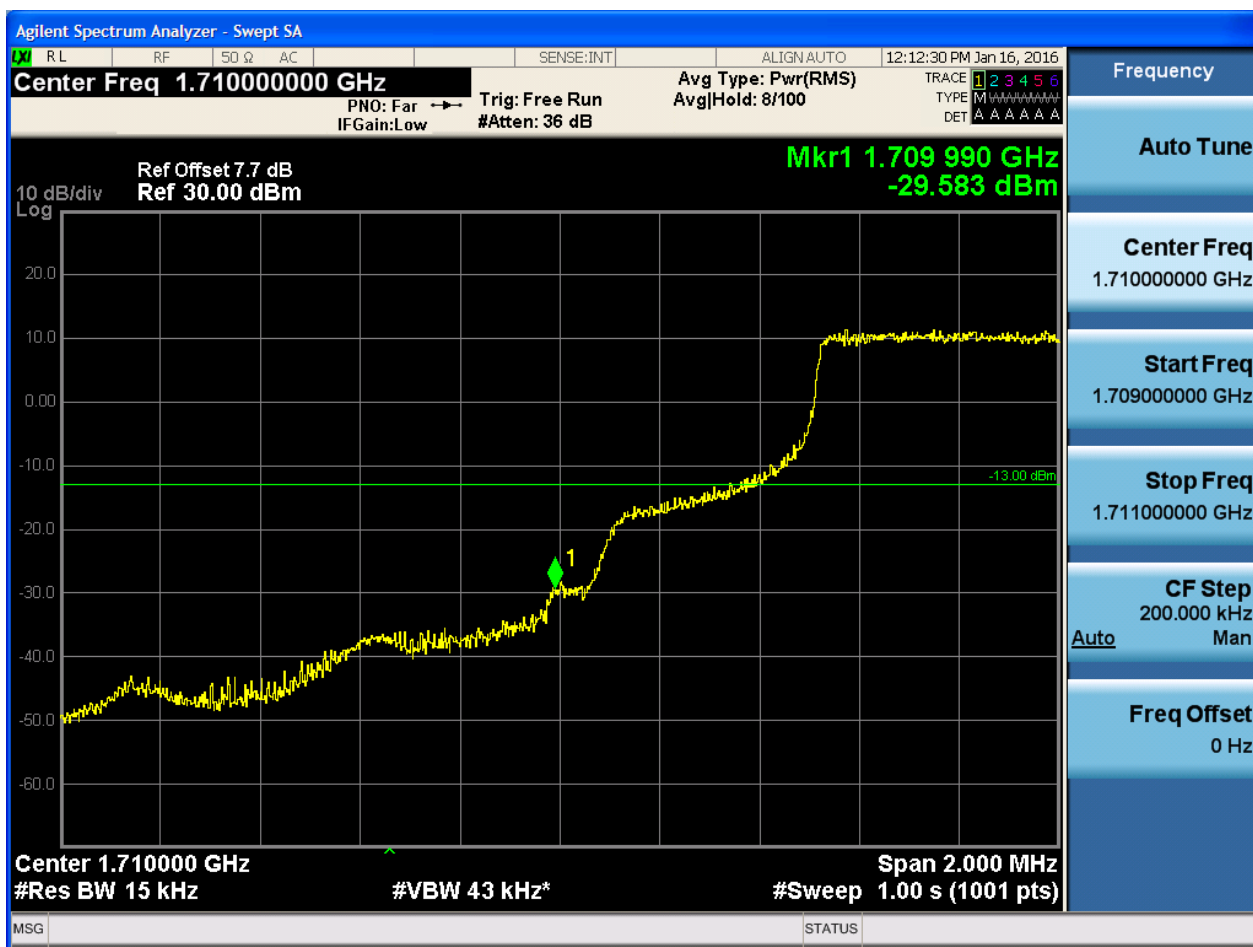


5.1.1.1.1.2 Test RB = RB1#5



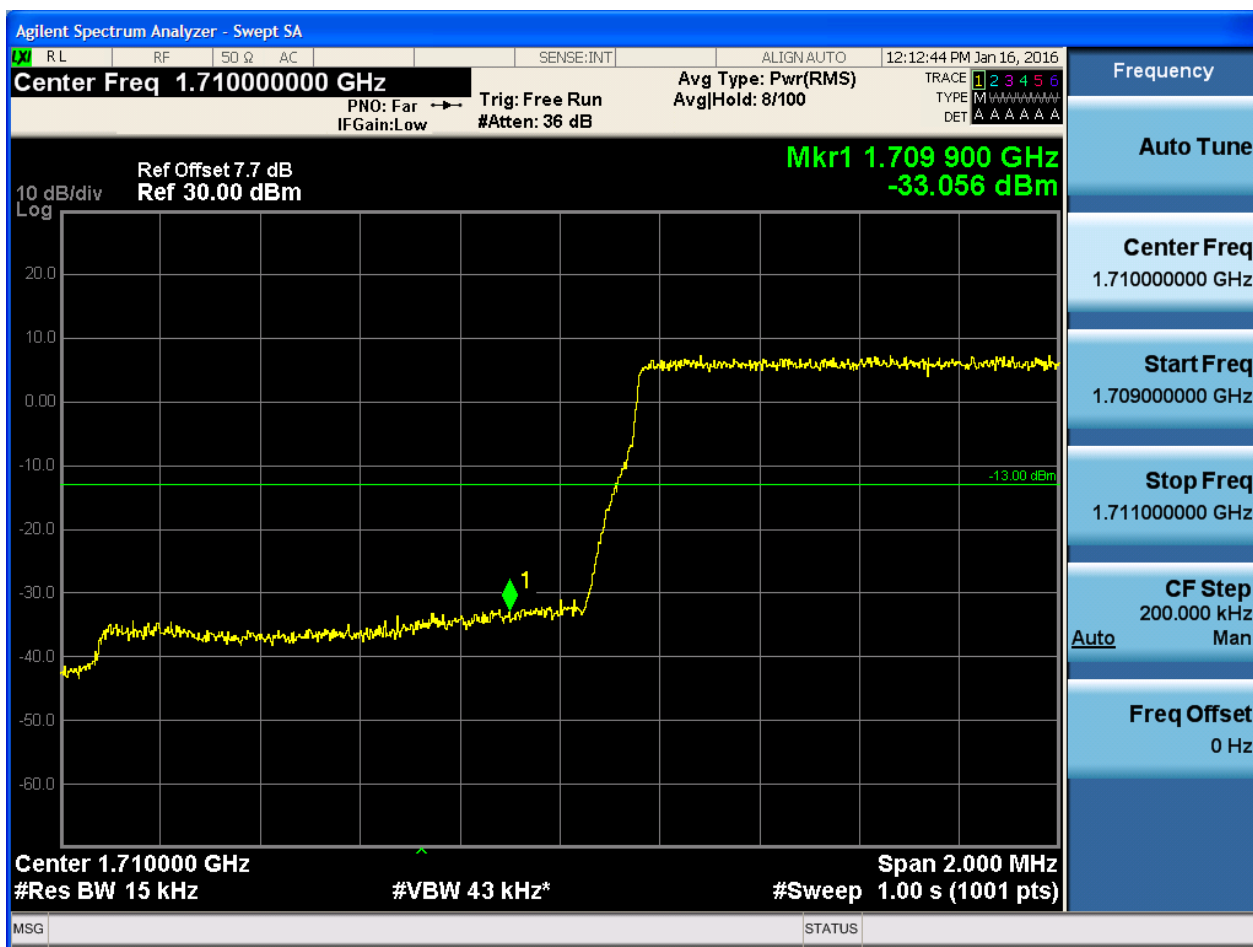


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





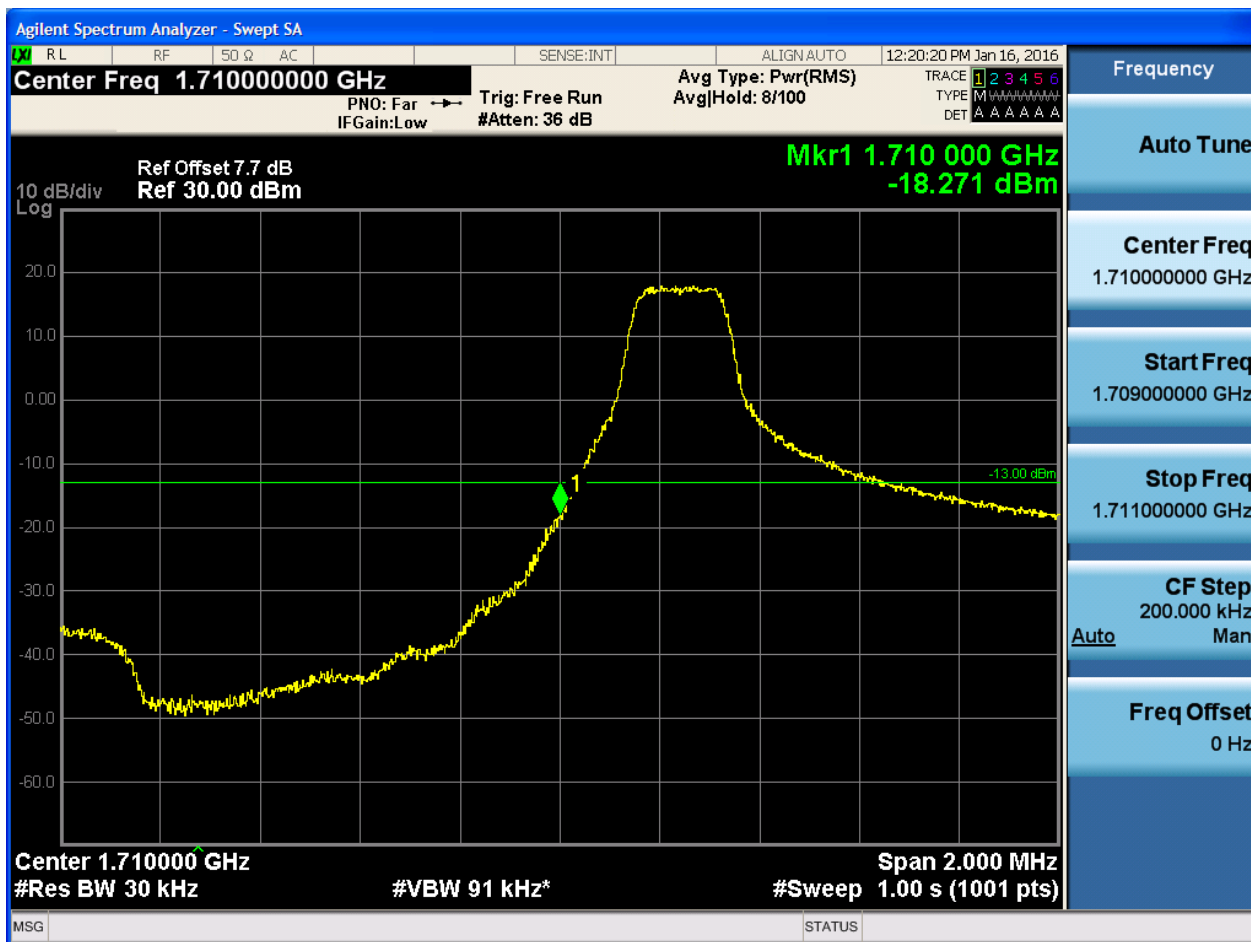
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

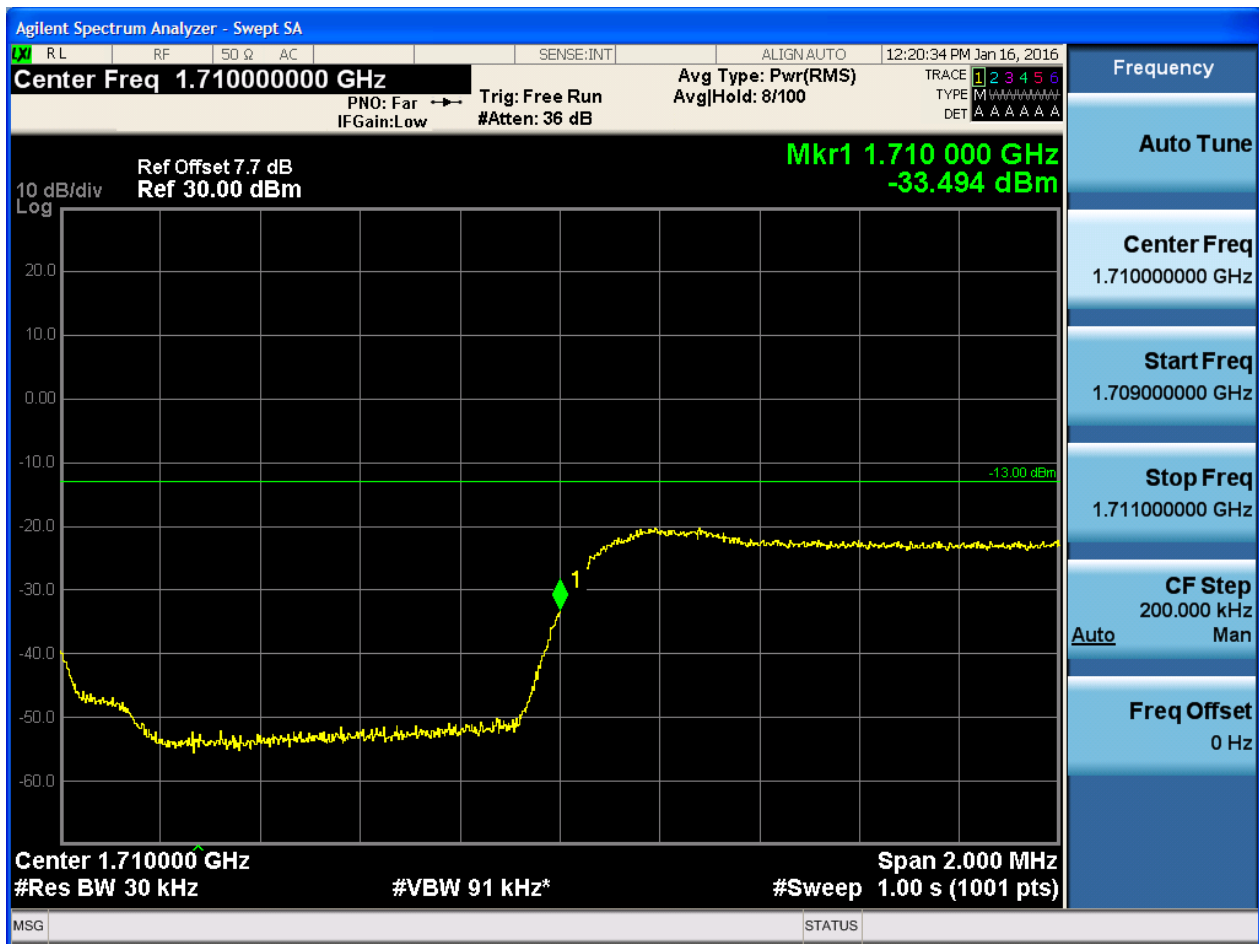
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



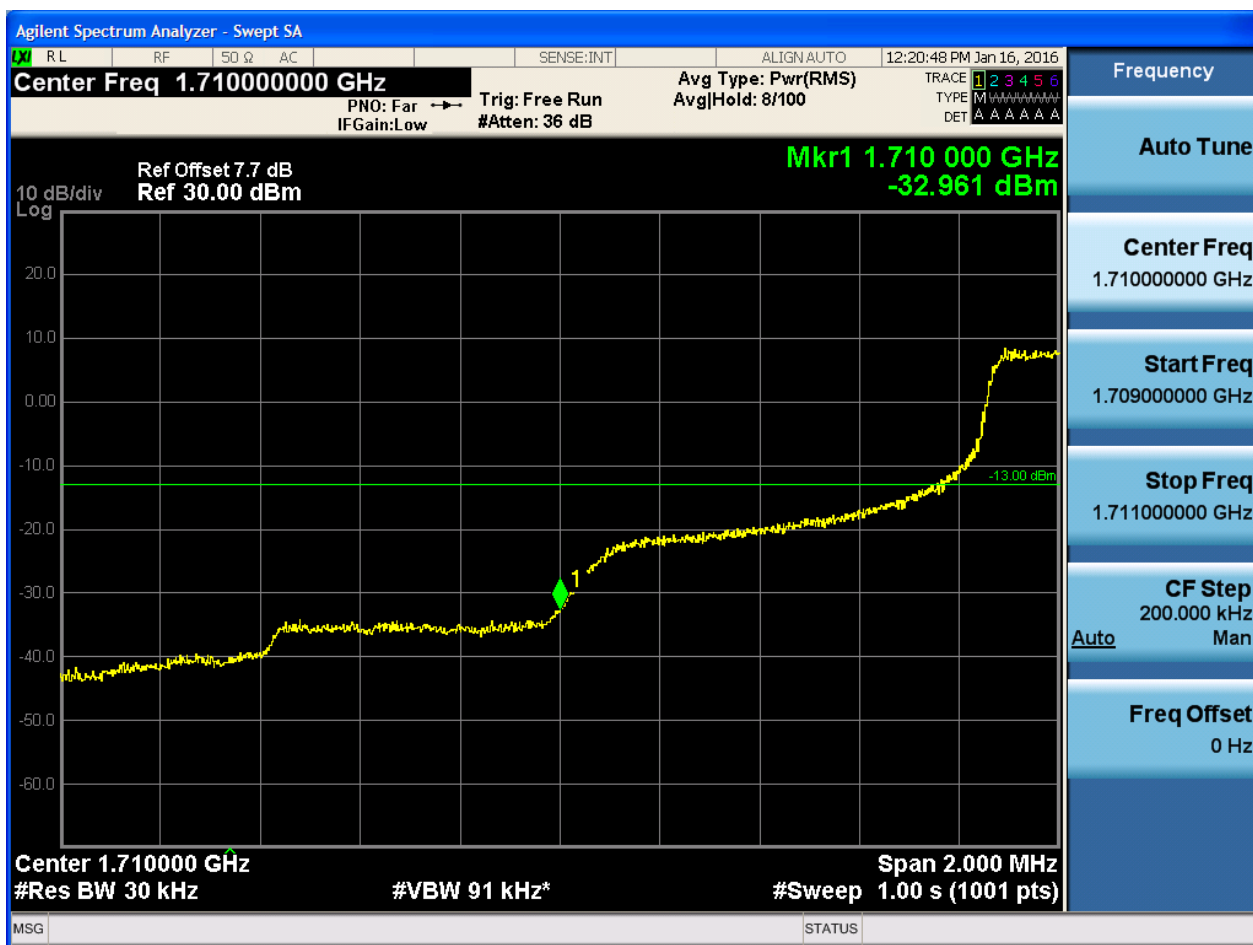


5.1.1.1.2.1.2 Test RB = RB1#14



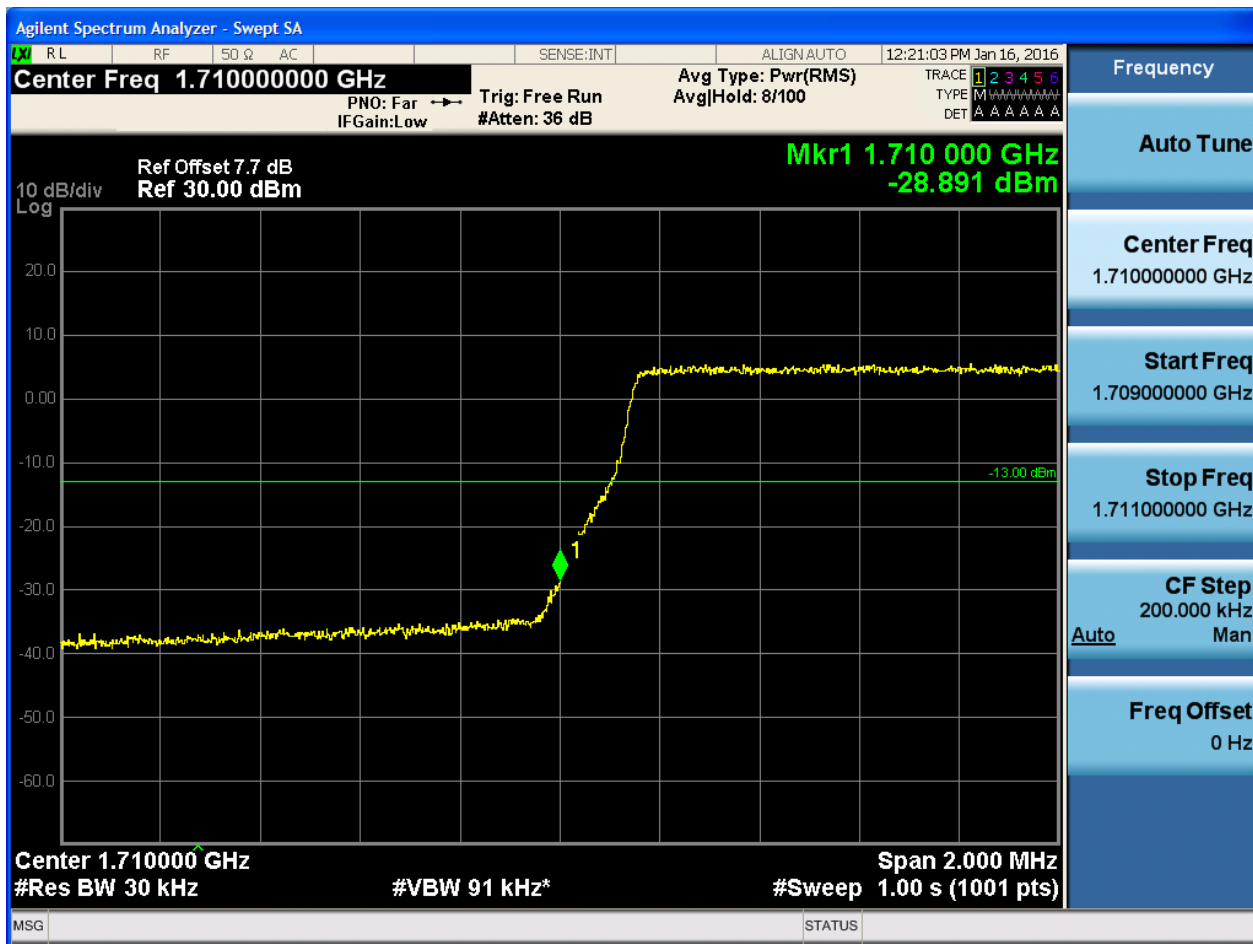


5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0



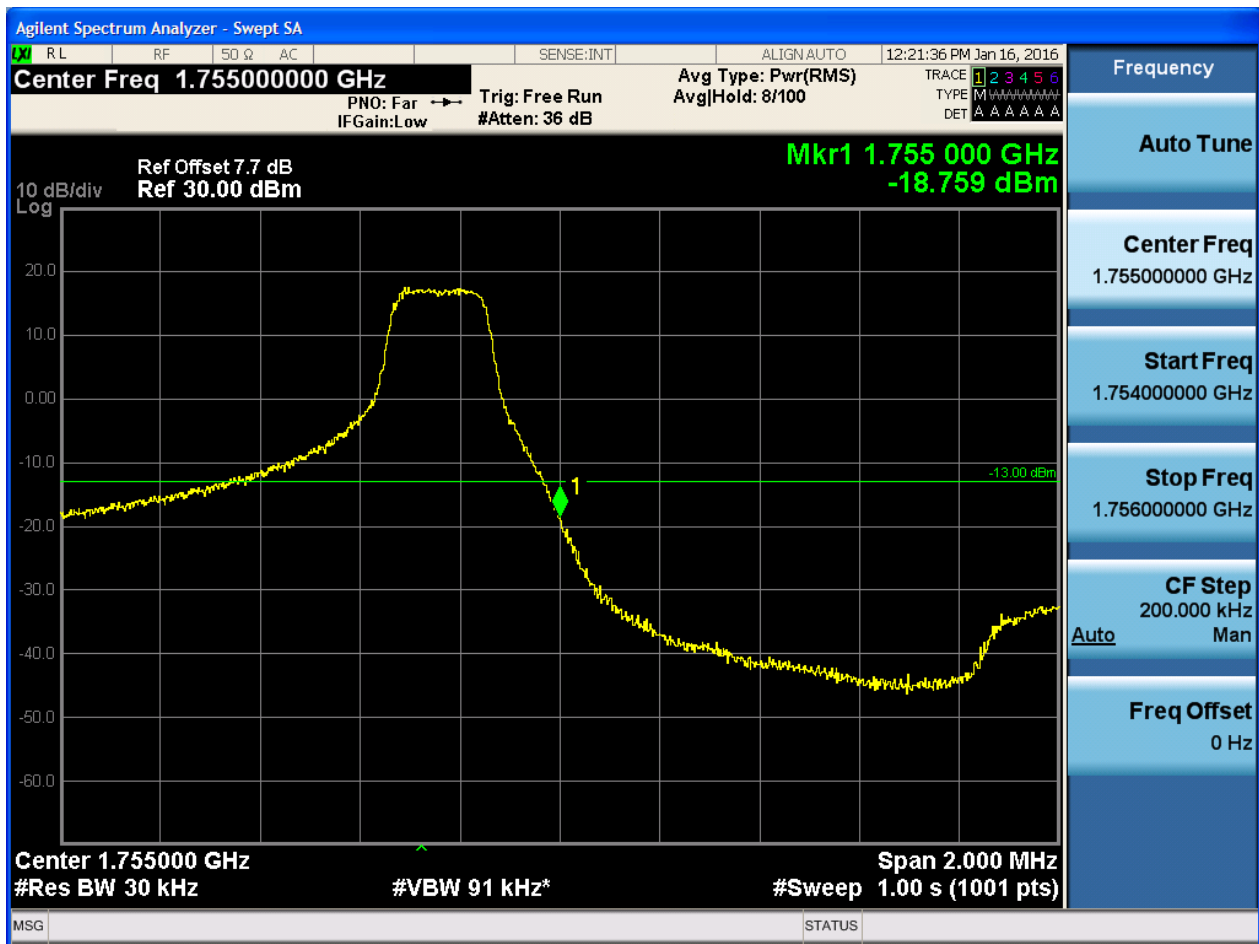
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





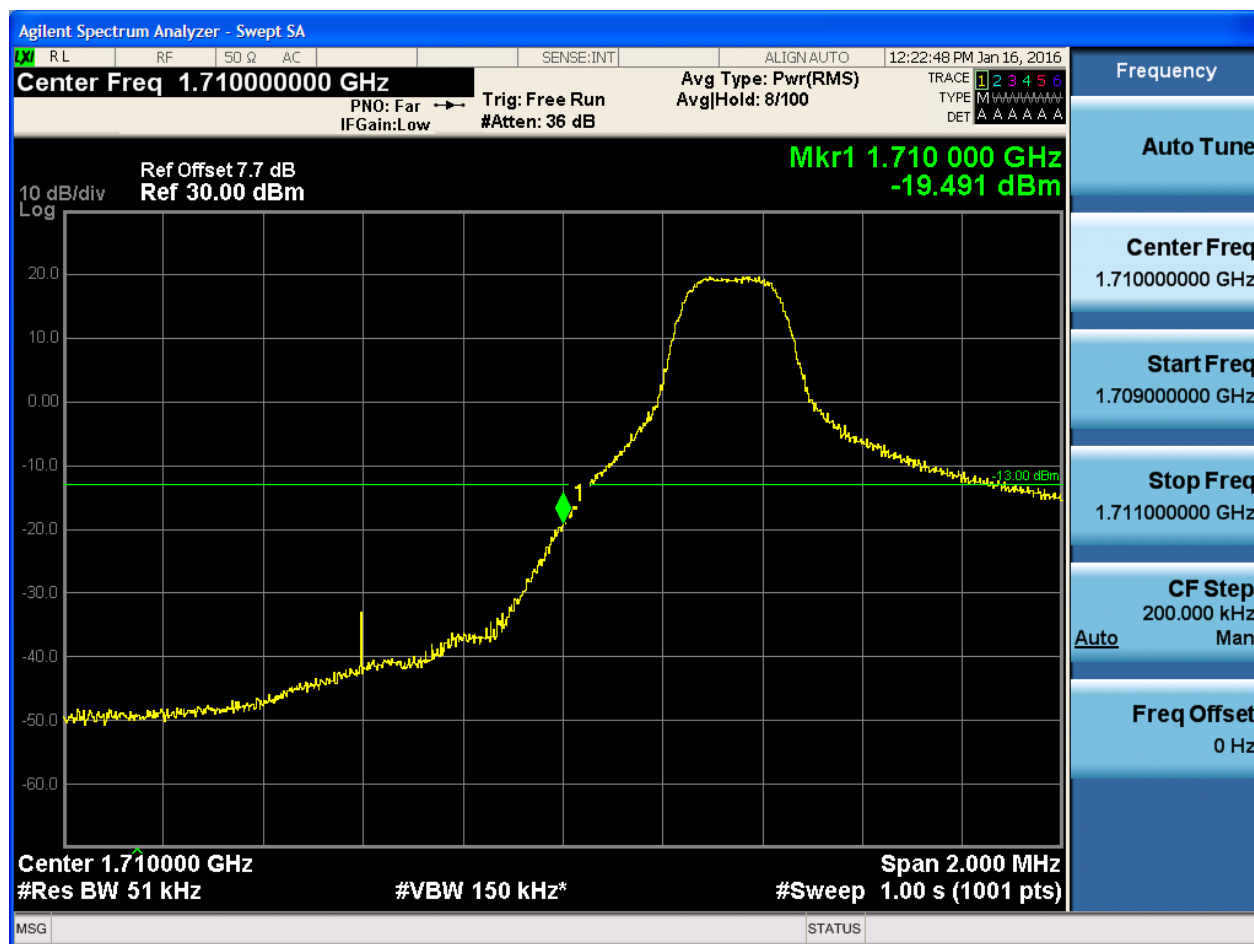
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

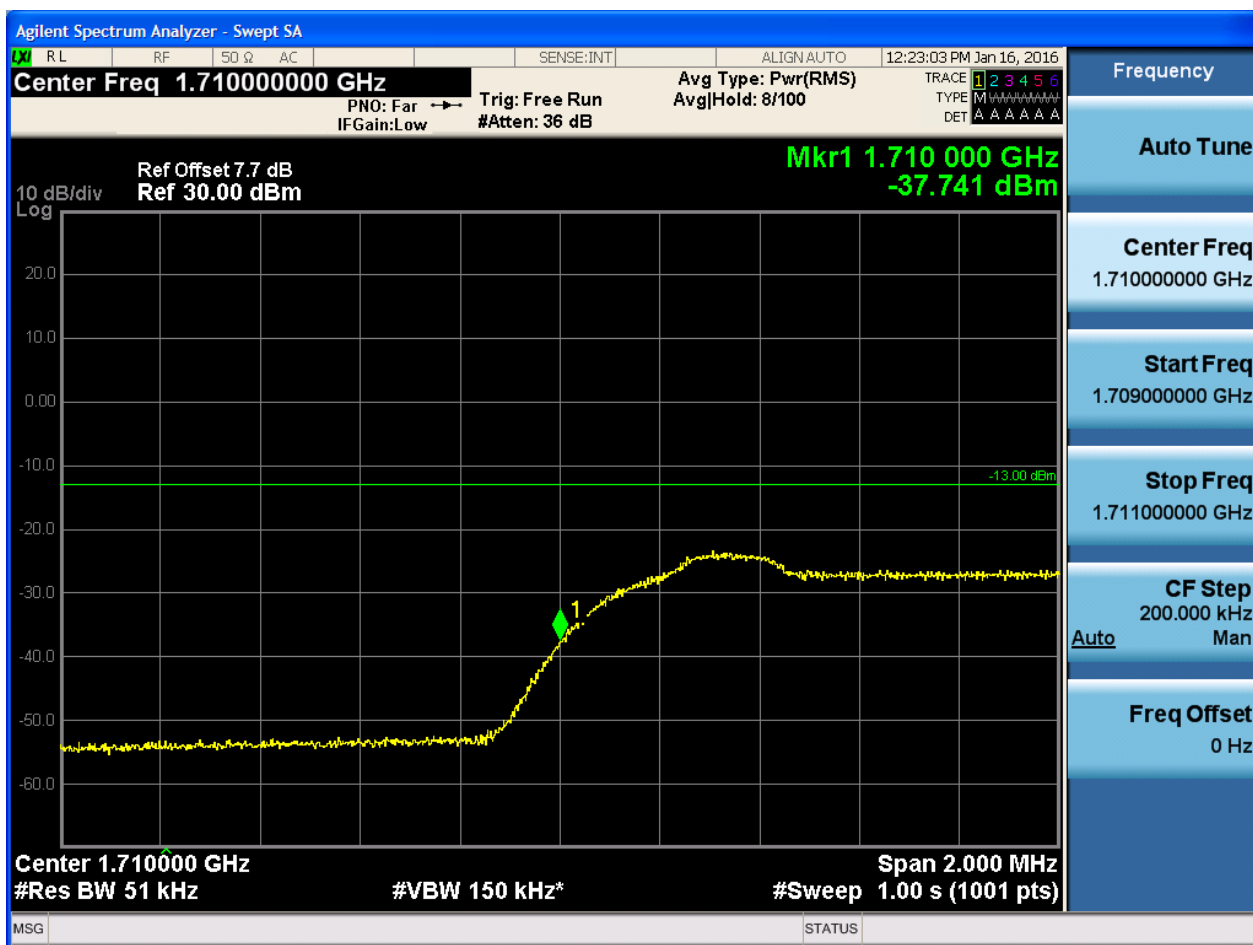
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



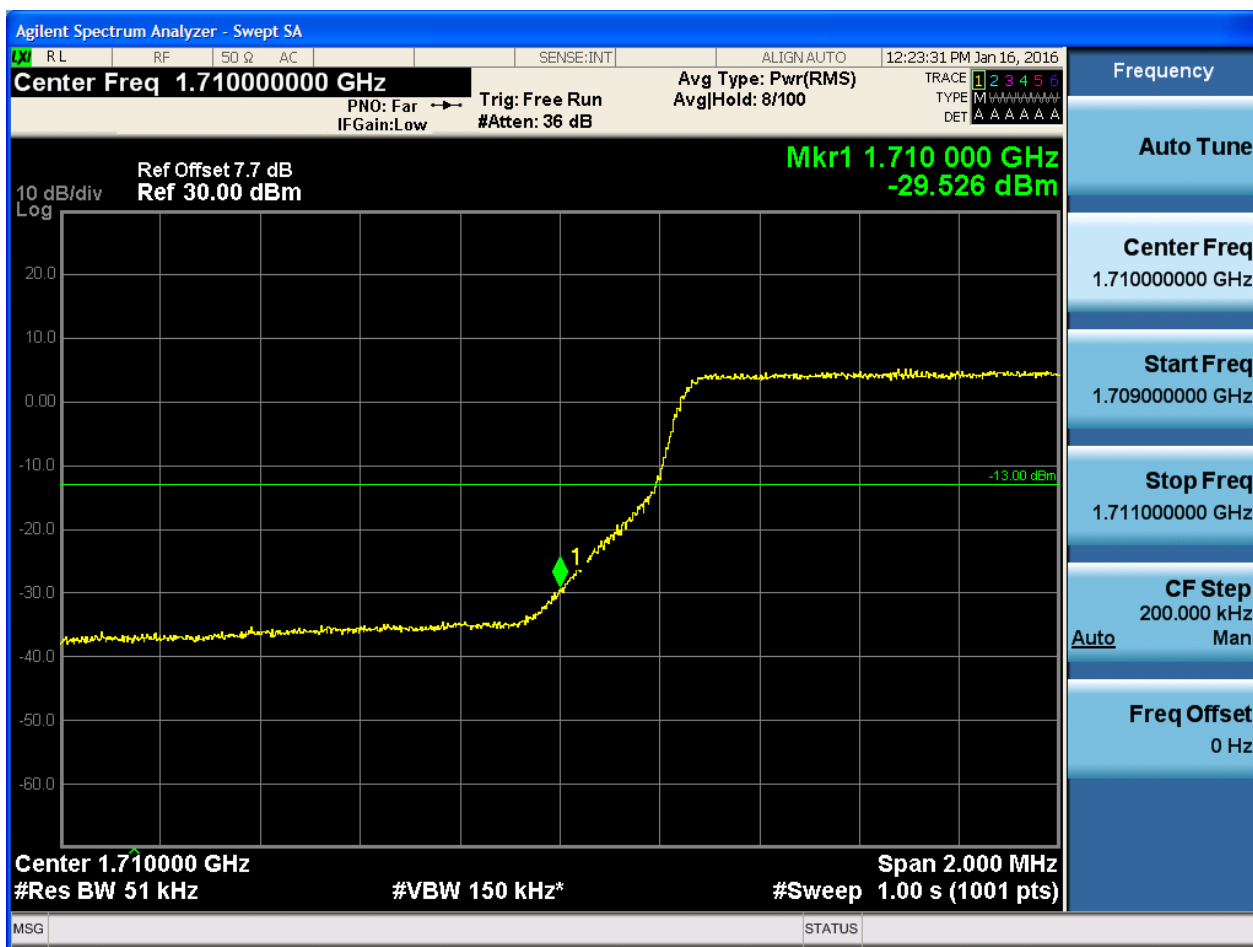


5.1.1.1.3.1.3 Test RB = RB12#6



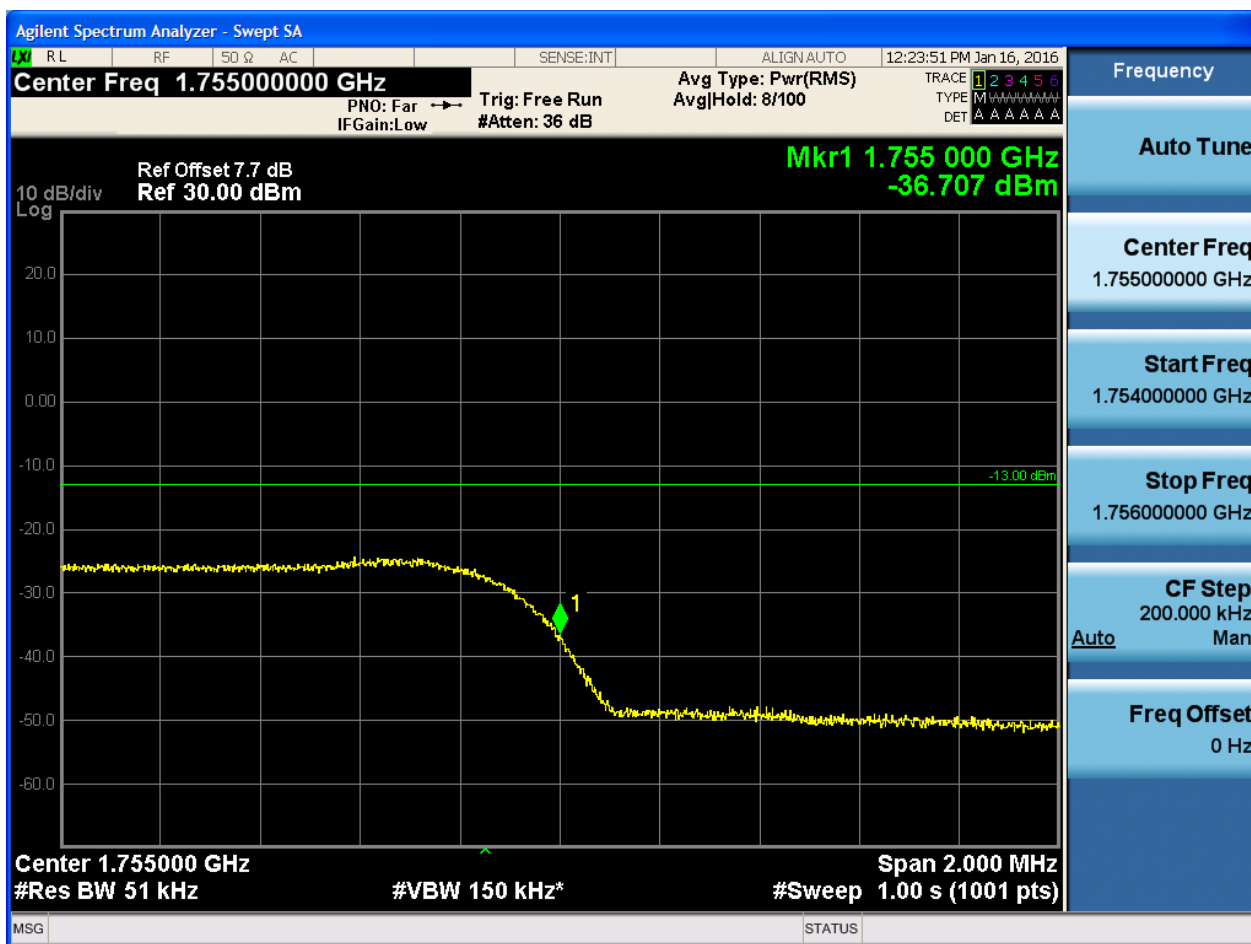


5.1.1.1.3.1.4 Test RB = RB25#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 000 GHz
-19.731 dBm

Center 1.755000 GHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

MSG STATUS



5.1.1.1.3.2.3 Test RB = RB12#6





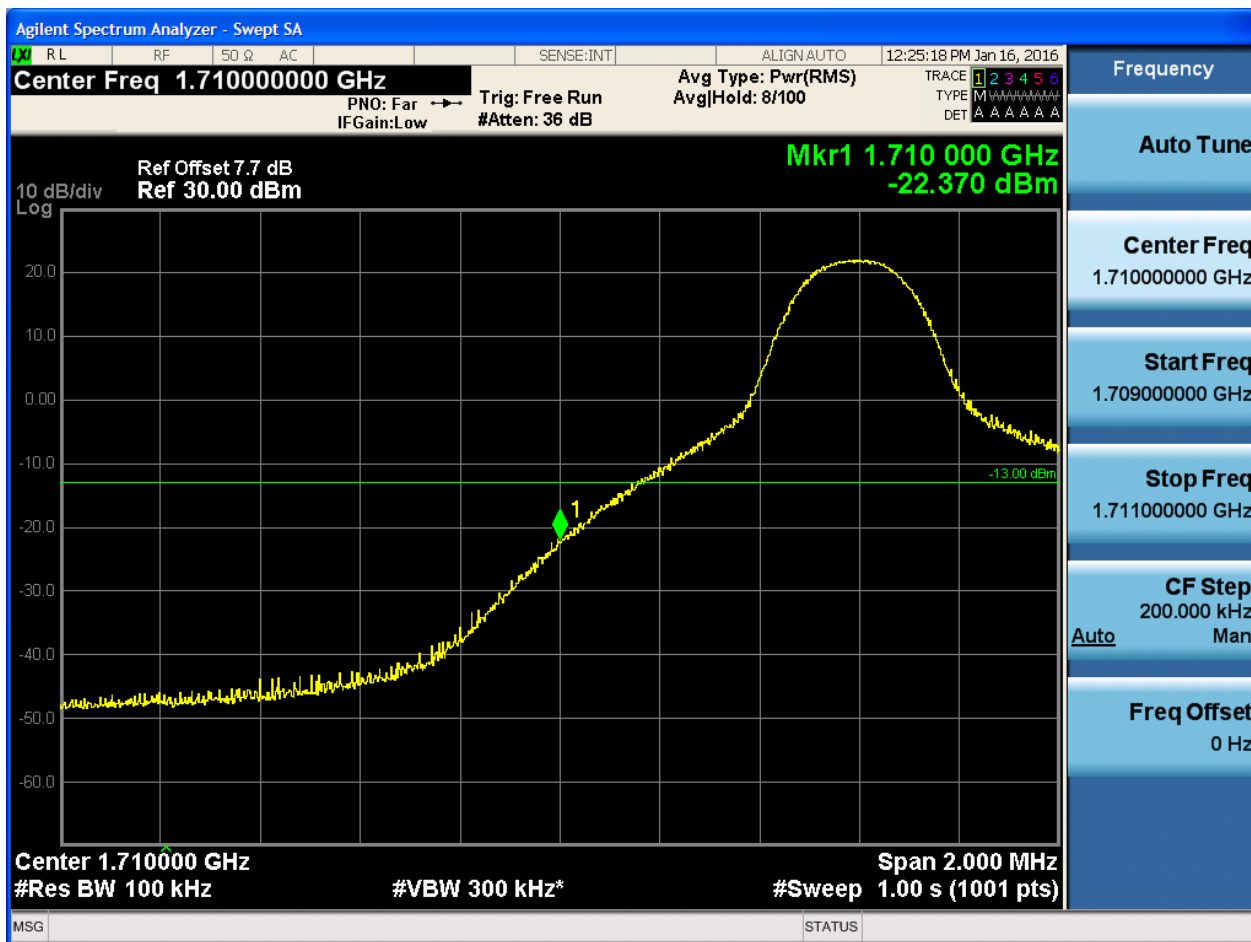
5.1.1.1.3.2.4 Test RB = RB25#0



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

