



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	21.6	30	PASS
				RB1#3	23.01	21.61	30	PASS
				RB1#5	22.89	21.49	30	PASS
				RB3#0	23	21.6	30	PASS
				RB3#2	22.99	21.59	30	PASS
				RB3#3	22.96	21.56	30	PASS
			MCH	RB6#0	22.07	20.67	30	PASS
				RB1#0	22.76	21.36	30	PASS
				RB1#3	22.85	21.45	30	PASS
				RB1#5	22.78	21.38	30	PASS
				RB3#0	22.81	21.41	30	PASS
				RB3#2	22.83	21.43	30	PASS
				RB3#3	22.78	21.38	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.9	20.5	30	PASS
			HCH	RB1#0	22.75	21.35	30	PASS
				RB1#3	22.76	21.36	30	PASS
				RB1#5	22.63	21.23	30	PASS
				RB3#0	22.81	21.41	30	PASS
				RB3#2	22.76	21.36	30	PASS
				RB3#3	22.68	21.28	30	PASS
				RB6#0	21.85	20.45	30	PASS
		3	LCH	RB1#0	22.91	21.51	30	PASS
				RB1#7	23.05	21.65	30	PASS
				RB1#14	22.72	21.32	30	PASS
				RB8#0	22.14	20.74	30	PASS
				RB8#4	22.15	20.75	30	PASS
				RB8#7	22.08	20.68	30	PASS
				RB15#0	22.12	20.72	30	PASS
			MCH	RB1#0	22.68	21.28	30	PASS
				RB1#7	22.93	21.53	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.65	21.25	30	PASS
				RB8#0	21.96	20.56	30	PASS
				RB8#4	21.99	20.59	30	PASS
				RB8#7	21.94	20.54	30	PASS
				RB15#0	21.95	20.55	30	PASS
			HCH	RB1#0	22.81	21.41	30	PASS
				RB1#7	22.9	21.5	30	PASS
				RB1#14	22.56	21.16	30	PASS
				RB8#0	21.99	20.59	30	PASS
				RB8#4	21.95	20.55	30	PASS
				RB8#7	21.79	20.39	30	PASS
				RB15#0	21.92	20.52	30	PASS
		5	LCH	RB1#0	22.87	21.47	30	PASS
				RB1#13	23.08	21.68	30	PASS
				RB1#24	22.53	21.13	30	PASS
				RB12#0	22.17	20.77	30	PASS
				RB12#6	22.23	20.83	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.96	20.56	30	PASS
				RB25#0	22.02	20.62	30	PASS
			MCH	RB1#0	22.56	21.16	30	PASS
				RB1#13	22.92	21.52	30	PASS
				RB1#24	22.54	21.14	30	PASS
				RB12#0	21.94	20.54	30	PASS
				RB12#6	22.04	20.64	30	PASS
				RB12#13	21.86	20.46	30	PASS
				RB25#0	21.91	20.51	30	PASS
			HCH	RB1#0	22.88	21.48	30	PASS
				RB1#13	22.95	21.55	30	PASS
				RB1#24	22.36	20.96	30	PASS
				RB12#0	22.07	20.67	30	PASS
				RB12#6	22.04	20.64	30	PASS
				RB12#13	21.81	20.41	30	PASS
				RB25#0	21.97	20.57	30	PASS
		10	LCH	RB1#0	22.85	21.45	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.98	21.58	30	PASS
				RB1#49	22.45	21.05	30	PASS
				RB25#0	22.11	20.71	30	PASS
				RB25#13	22.08	20.68	30	PASS
				RB25#25	21.84	20.44	30	PASS
				RB50#0	21.96	20.56	30	PASS
			MCH	RB1#0	22.59	21.19	30	PASS
				RB1#25	22.96	21.56	30	PASS
				RB1#49	22.72	21.32	30	PASS
				RB25#0	21.87	20.47	30	PASS
				RB25#13	21.97	20.57	30	PASS
				RB25#25	21.99	20.59	30	PASS
				RB50#0	21.91	20.51	30	PASS
			HCH	RB1#0	22.98	21.58	30	PASS
				RB1#25	23.15	21.75	30	PASS
				RB1#49	22.46	21.06	30	PASS
				RB25#0	22.25	20.85	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	22.21	20.81	30	PASS
				RB25#25	21.86	20.46	30	PASS
				RB50#0	22.14	20.74	30	PASS
		15	LCH	RB1#0	22.91	21.51	30	PASS
				RB1#38	22.88	21.48	30	PASS
				RB1#74	22.41	21.01	30	PASS
				RB38#0	22.15	20.75	30	PASS
				RB38#19	22.07	20.67	30	PASS
				RB38#39	21.8	20.4	30	PASS
				RB75#0	21.95	20.55	30	PASS
			MCH	RB1#0	22.59	21.19	30	PASS
				RB1#38	22.96	21.56	30	PASS
				RB1#74	22.88	21.48	30	PASS
				RB38#0	21.9	20.5	30	PASS
				RB38#19	21.98	20.58	30	PASS
				RB38#39	22.02	20.62	30	PASS
				RB75#0	22	20.6	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.02	21.62	30	PASS
				RB1#38	23.19	21.79	30	PASS
				RB1#74	22.57	21.17	30	PASS
				RB38#0	22.27	20.87	30	PASS
				RB38#19	22.29	20.89	30	PASS
				RB38#39	22.09	20.69	30	PASS
				RB75#0	22.21	20.81	30	PASS
		20	LCH	RB1#0	22.9	21.5	30	PASS
				RB1#50	22.82	21.42	30	PASS
				RB1#99	22.36	20.96	30	PASS
				RB50#0	22.07	20.67	30	PASS
				RB50#25	21.9	20.5	30	PASS
				RB50#50	21.75	20.35	30	PASS
				RB100#0	21.95	20.55	30	PASS
			MCH	RB1#0	22.63	21.23	30	PASS
				RB1#50	22.89	21.49	30	PASS
				RB1#99	22.84	21.44	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.87	20.47	30	PASS
				RB50#25	21.99	20.59	30	PASS
				RB50#50	21.97	20.57	30	PASS
				RB100#0	21.95	20.55	30	PASS
			HCH	RB1#0	22.82	21.42	30	PASS
				RB1#50	23.27	21.87	30	PASS
				RB1#99	22.54	21.14	30	PASS
				RB50#0	22.08	20.68	30	PASS
	LTE/TM2	1.4	LCH	RB50#25	22.28	20.88	30	PASS
				RB50#50	22.16	20.76	30	PASS
				RB100#0	22.09	20.69	30	PASS
				RB1#0	22.03	20.63	30	PASS
				RB1#3	22.35	20.95	30	PASS
				RB1#5	22.01	20.61	30	PASS
				RB3#0	22.06	20.66	30	PASS
				RB3#2	22.06	20.66	30	PASS
				RB3#3	22.02	20.62	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.24	19.84	30	PASS
			MCH	RB1#0	21.9	20.5	30	PASS
				RB1#3	21.96	20.56	30	PASS
				RB1#5	21.91	20.51	30	PASS
				RB3#0	21.92	20.52	30	PASS
				RB3#2	21.82	20.42	30	PASS
				RB3#3	21.84	20.44	30	PASS
				RB6#0	20.93	19.53	30	PASS
			HCH	RB1#0	21.84	20.44	30	PASS
				RB1#3	21.87	20.47	30	PASS
				RB1#5	21.76	20.36	30	PASS
				RB3#0	21.83	20.43	30	PASS
				RB3#2	21.76	20.36	30	PASS
				RB3#3	21.91	20.51	30	PASS
				RB6#0	20.99	19.59	30	PASS
		3	LCH	RB1#0	22	20.6	30	PASS
				RB1#7	22.24	20.84	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.89	20.49	30	PASS
				RB8#0	21.15	19.75	30	PASS
				RB8#4	21.15	19.75	30	PASS
				RB8#7	21.07	19.67	30	PASS
				RB15#0	21.04	19.64	30	PASS
			MCH	RB1#0	21.9	20.5	30	PASS
				RB1#7	22.12	20.72	30	PASS
				RB1#14	21.69	20.29	30	PASS
				RB8#0	20.84	19.44	30	PASS
				RB8#4	20.84	19.44	30	PASS
				RB8#7	20.82	19.42	30	PASS
				RB15#0	20.84	19.44	30	PASS
			HCH	RB1#0	21.99	20.59	30	PASS
				RB1#7	21.94	20.54	30	PASS
				RB1#14	21.67	20.27	30	PASS
				RB8#0	21.06	19.66	30	PASS
				RB8#4	20.98	19.58	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.88	19.48	30	PASS
				RB15#0	20.88	19.48	30	PASS
		5	LCH	RB1#0	22.02	20.62	30	PASS
				RB1#13	22.27	20.87	30	PASS
				RB1#24	21.74	20.34	30	PASS
				RB12#0	21.16	19.76	30	PASS
				RB12#6	21.21	19.81	30	PASS
				RB12#13	20.99	19.59	30	PASS
				RB25#0	21.01	19.61	30	PASS
			MCH	RB1#0	21.77	20.37	30	PASS
				RB1#13	22.08	20.68	30	PASS
				RB1#24	21.77	20.37	30	PASS
				RB12#0	20.87	19.47	30	PASS
				RB12#6	20.98	19.58	30	PASS
				RB12#13	20.78	19.38	30	PASS
				RB25#0	20.85	19.45	30	PASS
			HCH	RB1#0	21.99	20.59	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.96	20.56	30	PASS
				RB1#24	21.43	20.03	30	PASS
				RB12#0	21.17	19.77	30	PASS
				RB12#6	21.1	19.7	30	PASS
				RB12#13	20.85	19.45	30	PASS
				RB25#0	20.97	19.57	30	PASS
		10	LCH	RB1#0	21.88	20.48	30	PASS
				RB1#25	22.06	20.66	30	PASS
				RB1#49	21.5	20.1	30	PASS
				RB25#0	21.09	19.69	30	PASS
				RB25#13	21.07	19.67	30	PASS
				RB25#25	20.82	19.42	30	PASS
				RB50#0	20.92	19.52	30	PASS
			MCH	RB1#0	21.81	20.41	30	PASS
				RB1#25	22.14	20.74	30	PASS
				RB1#49	21.92	20.52	30	PASS
				RB25#0	20.76	19.36	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.88	19.48	30	PASS
				RB25#25	20.83	19.43	30	PASS
				RB50#0	20.84	19.44	30	PASS
			HCH	RB1#0	22.18	20.78	30	PASS
				RB1#25	22.3	20.9	30	PASS
				RB1#49	21.57	20.17	30	PASS
				RB25#0	21.27	19.87	30	PASS
				RB25#13	21.19	19.79	30	PASS
				RB25#25	20.82	19.42	30	PASS
				RB50#0	21.09	19.69	30	PASS
		15	LCH	RB1#0	22.18	20.78	30	PASS
				RB1#38	22.15	20.75	30	PASS
				RB1#74	21.71	20.31	30	PASS
				RB38#0	21.08	19.68	30	PASS
				RB38#19	21.06	19.66	30	PASS
				RB38#39	20.82	19.42	30	PASS
				RB75#0	20.91	19.51	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.85	20.45	30	PASS
				RB1#38	22.06	20.66	30	PASS
				RB1#74	22.14	20.74	30	PASS
				RB38#0	20.84	19.44	30	PASS
				RB38#19	20.85	19.45	30	PASS
				RB38#39	20.9	19.5	30	PASS
				RB75#0	20.86	19.46	30	PASS
			HCH	RB1#0	22.2	20.8	30	PASS
				RB1#38	22.43	21.03	30	PASS
				RB1#74	21.76	20.36	30	PASS
				RB38#0	21.24	19.84	30	PASS
				RB38#19	21.34	19.94	30	PASS
				RB38#39	21.02	19.62	30	PASS
				RB75#0	21.13	19.73	30	PASS
		20	LCH	RB1#0	22.22	20.82	30	PASS
				RB1#50	22.09	20.69	30	PASS
				RB1#99	21.73	20.33	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.03	19.63	30	PASS
				RB50#25	20.91	19.51	30	PASS
				RB50#50	20.7	19.3	30	PASS
				RB100#0	20.94	19.54	30	PASS
			MCH	RB1#0	21.8	20.4	30	PASS
				RB1#50	22.09	20.69	30	PASS
				RB1#99	21.94	20.54	30	PASS
				RB50#0	20.88	19.48	30	PASS
				RB50#25	20.95	19.55	30	PASS
				RB50#50	20.87	19.47	30	PASS
				RB100#0	20.8	19.4	30	PASS
			HCH	RB1#0	22.11	20.71	30	PASS
				RB1#50	22.6	21.2	30	PASS
				RB1#99	21.77	20.37	30	PASS
				RB50#0	21.09	19.69	30	PASS
				RB50#25	21.23	19.83	30	PASS
				RB50#50	21.11	19.71	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.13	19.73	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:

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

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

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

SET Sweep time=auto-couple.

Detector:RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.4	13	PASS
				RB1#3	4.39	13	PASS
				RB1#5	4.4	13	PASS
				RB3#0	4.85	13	PASS
				RB3#2	4.68	13	PASS
				RB3#3	4.76	13	PASS
				RB6#0	5.64	13	PASS
			MCH	RB1#0	4.06	13	PASS
				RB1#3	4.08	13	PASS
				RB1#5	4.07	13	PASS
				RB3#0	4.9	13	PASS
				RB3#2	4.82	13	PASS
				RB3#3	4.95	13	PASS
				RB6#0	5.46	13	PASS
			HCH	RB1#0	4.37	13	PASS
				RB1#3	4.42	13	PASS
				RB1#5	4.62	13	PASS
				RB3#0	4.89	13	PASS
				RB3#2	4.89	13	PASS
				RB3#3	4.94	13	PASS
				RB6#0	5.59	13	PASS
		3	LCH	RB1#0	4.38	13	PASS
				RB1#7	4.11	13	PASS
				RB1#14	4.41	13	PASS
				RB8#0	5.37	13	PASS
				RB8#4	5.33	13	PASS
				RB8#7	5.43	13	PASS
				RB15#0	5.52	13	PASS
			MCH	RB1#0	4.42	13	PASS
				RB1#7	4.22	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.46	13	PASS
				RB8#0	5.22	13	PASS
				RB8#4	5.09	13	PASS
				RB8#7	5.26	13	PASS
				RB15#0	5.59	13	PASS
			HCH	RB1#0	4.37	13	PASS
				RB1#7	4.23	13	PASS
				RB1#14	4.41	13	PASS
				RB8#0	5.55	13	PASS
				RB8#4	5.47	13	PASS
				RB8#7	5.48	13	PASS
				RB15#0	5.63	13	PASS
		5	LCH	RB1#0	4.44	13	PASS
				RB1#13	4.38	13	PASS
				RB1#24	4.58	13	PASS
				RB12#0	5.32	13	PASS
				RB12#6	5.28	13	PASS
				RB12#13	5.38	13	PASS
				RB25#0	5.66	13	PASS
			MCH	RB1#0	4.39	13	PASS
				RB1#13	4.33	13	PASS
				RB1#24	4.52	13	PASS
				RB12#0	5.33	13	PASS
				RB12#6	5.33	13	PASS
				RB12#13	5.45	13	PASS
				RB25#0	5.77	13	PASS
			HCH	RB1#0	4.71	13	PASS
				RB1#13	4.63	13	PASS
				RB1#24	4.76	13	PASS
				RB12#0	5.45	13	PASS
				RB12#6	5.39	13	PASS
				RB12#13	5.48	13	PASS
				RB25#0	5.94	13	PASS
		10	LCH	RB1#0	4.54	13	PASS
				RB1#25	4.4	13	PASS
				RB1#49	4.61	13	PASS
				RB25#0	5.47	13	PASS
				RB25#13	5.42	13	PASS
				RB25#25	5.56	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.93	13	PASS
				RB1#0	4.36	13	PASS
			MCH	RB1#25	4.27	13	PASS
				RB1#49	4.54	13	PASS
				RB25#0	5.39	13	PASS
				RB25#13	5.34	13	PASS
				RB25#25	5.45	13	PASS
				RB50#0	5.89	13	PASS
			HCH	RB1#0	4.48	13	PASS
				RB1#25	4.31	13	PASS
				RB1#49	4.49	13	PASS
				RB25#0	5.68	13	PASS
				RB25#13	5.67	13	PASS
				RB25#25	5.8	13	PASS
				RB50#0	5.83	13	PASS
		15	LCH	RB1#0	4.52	13	PASS
				RB1#38	4.48	13	PASS
				RB1#74	4.63	13	PASS
				RB38#0	5.6	13	PASS
				RB38#19	5.57	13	PASS
				RB38#39	5.68	13	PASS
				RB75#0	6.03	13	PASS
			MCH	RB1#0	4.3	13	PASS
				RB1#38	4.25	13	PASS
				RB1#74	4.41	13	PASS
				RB38#0	5.57	13	PASS
				RB38#19	5.52	13	PASS
				RB38#39	5.73	13	PASS
				RB75#0	6.05	13	PASS
			HCH	RB1#0	4.29	13	PASS
				RB1#38	4.29	13	PASS
				RB1#74	4.34	13	PASS
				RB38#0	5.62	13	PASS
				RB38#19	5.7	13	PASS
				RB38#39	5.69	13	PASS
				RB75#0	6.16	13	PASS
		20	LCH	RB1#0	4.6	13	PASS
				RB1#50	4.46	13	PASS
				RB1#99	4.67	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.56	13	PASS
				RB50#25	5.54	13	PASS
				RB50#50	5.51	13	PASS
				RB100#0	5.96	13	PASS
			MCH	RB1#0	4.67	13	PASS
				RB1#50	4.54	13	PASS
				RB1#99	4.78	13	PASS
				RB50#0	5.66	13	PASS
				RB50#25	5.5	13	PASS
				RB50#50	5.88	13	PASS
				RB100#0	6.19	13	PASS
			HCH	RB1#0	4.65	13	PASS
				RB1#50	4.61	13	PASS
				RB1#99	4.72	13	PASS
				RB50#0	5.77	13	PASS
				RB50#25	5.81	13	PASS
				RB50#50	5.8	13	PASS
				RB100#0	6.1	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5	13	PASS
				RB1#3	5.18	13	PASS
				RB1#5	4.98	13	PASS
				RB3#0	5.65	13	PASS
				RB3#2	5.54	13	PASS
				RB3#3	5.49	13	PASS
				RB6#0	6.19	13	PASS
			MCH	RB1#0	5.07	13	PASS
				RB1#3	5.36	13	PASS
				RB1#5	5.08	13	PASS
				RB3#0	5.57	13	PASS
				RB3#2	5.35	13	PASS
				RB3#3	5.51	13	PASS
				RB6#0	6.01	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#3	5.36	13	PASS
				RB1#5	5.05	13	PASS
				RB3#0	5.61	13	PASS
				RB3#2	5.52	13	PASS
				RB3#3	5.53	13	PASS
				RB6#0	6.01	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	5.47	13	PASS
				RB1#7	5.2	13	PASS
				RB1#14	5.54	13	PASS
				RB8#0	6.05	13	PASS
				RB8#4	6	13	PASS
				RB8#7	6	13	PASS
				RB15#0	6.43	13	PASS
			MCH	RB1#0	4.82	13	PASS
				RB1#7	4.97	13	PASS
				RB1#14	5.21	13	PASS
				RB8#0	5.95	13	PASS
				RB8#4	5.94	13	PASS
				RB8#7	5.87	13	PASS
				RB15#0	6.47	13	PASS
			HCH	RB1#0	5.24	13	PASS
				RB1#7	4.93	13	PASS
				RB1#14	5.24	13	PASS
				RB8#0	6.02	13	PASS
				RB8#4	5.95	13	PASS
				RB8#7	5.99	13	PASS
				RB15#0	6.35	13	PASS
		5	LCH	RB1#0	5.23	13	PASS
				RB1#13	5.37	13	PASS
				RB1#24	5.34	13	PASS
				RB12#0	6.2	13	PASS
				RB12#6	6.14	13	PASS
				RB12#13	6.21	13	PASS
				RB25#0	6.51	13	PASS
			MCH	RB1#0	5.16	13	PASS
				RB1#13	5.27	13	PASS
				RB1#24	5.32	13	PASS
				RB12#0	5.96	13	PASS
				RB12#6	5.87	13	PASS
				RB12#13	5.93	13	PASS
				RB25#0	6.34	13	PASS
			HCH	RB1#0	5.38	13	PASS
				RB1#13	5.49	13	PASS
				RB1#24	5.48	13	PASS
				RB12#0	6.21	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	6.09	13	PASS
				RB12#13	6.17	13	PASS
				RB25#0	6.4	13	PASS
			LCH	RB1#0	5.26	13	PASS
				RB1#25	5.25	13	PASS
				RB1#49	5.37	13	PASS
				RB25#0	6.32	13	PASS
				RB25#13	6.33	13	PASS
				RB25#25	6.27	13	PASS
				RB50#0	6.68	13	PASS
			MCH	RB1#0	5.04	13	PASS
				RB1#25	5.02	13	PASS
				RB1#49	5.24	13	PASS
				RB25#0	6.01	13	PASS
				RB25#13	6.03	13	PASS
				RB25#25	6.09	13	PASS
				RB50#0	6.37	13	PASS
			HCH	RB1#0	5.28	13	PASS
				RB1#25	5.22	13	PASS
				RB1#49	5.31	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.34	13	PASS
				RB25#25	6.35	13	PASS
				RB50#0	6.66	13	PASS
		15	LCH	RB1#0	5.36	13	PASS
				RB1#38	5.37	13	PASS
				RB1#74	5.31	13	PASS
				RB38#0	6.34	13	PASS
				RB38#19	6.18	13	PASS
				RB38#39	6.1	13	PASS
				RB75#0	6.81	13	PASS
			MCH	RB1#0	5.18	13	PASS
				RB1#38	5.24	13	PASS
				RB1#74	5.48	13	PASS
				RB38#0	6.05	13	PASS
				RB38#19	6.18	13	PASS
				RB38#39	6.27	13	PASS
				RB75#0	6.66	13	PASS
			HCH	RB1#0	5.27	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	5.44	13	PASS
				RB1#74	5.29	13	PASS
				RB38#0	6.5	13	PASS
				RB38#19	6.5	13	PASS
				RB38#39	6.33	13	PASS
				RB75#0	6.88	13	PASS
		20	LCH	RB1#0	5	13	PASS
				RB1#50	4.66	13	PASS
				RB1#99	5.05	13	PASS
				RB50#0	6.37	13	PASS
				RB50#25	6.32	13	PASS
				RB50#50	6.2	13	PASS
				RB100#0	6.75	13	PASS
			MCH	RB1#0	4.91	13	PASS
				RB1#50	4.84	13	PASS
				RB1#99	5.14	13	PASS
				RB50#0	6.11	13	PASS
				RB50#25	6.09	13	PASS
				RB50#50	6.35	13	PASS
				RB100#0	6.72	13	PASS
			HCH	RB1#0	5.06	13	PASS
				RB1#50	5.01	13	PASS
				RB1#99	5.2	13	PASS
				RB50#0	6.5	13	PASS
				RB50#25	6.53	13	PASS
				RB50#50	6.48	13	PASS
				RB100#0	6.89	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

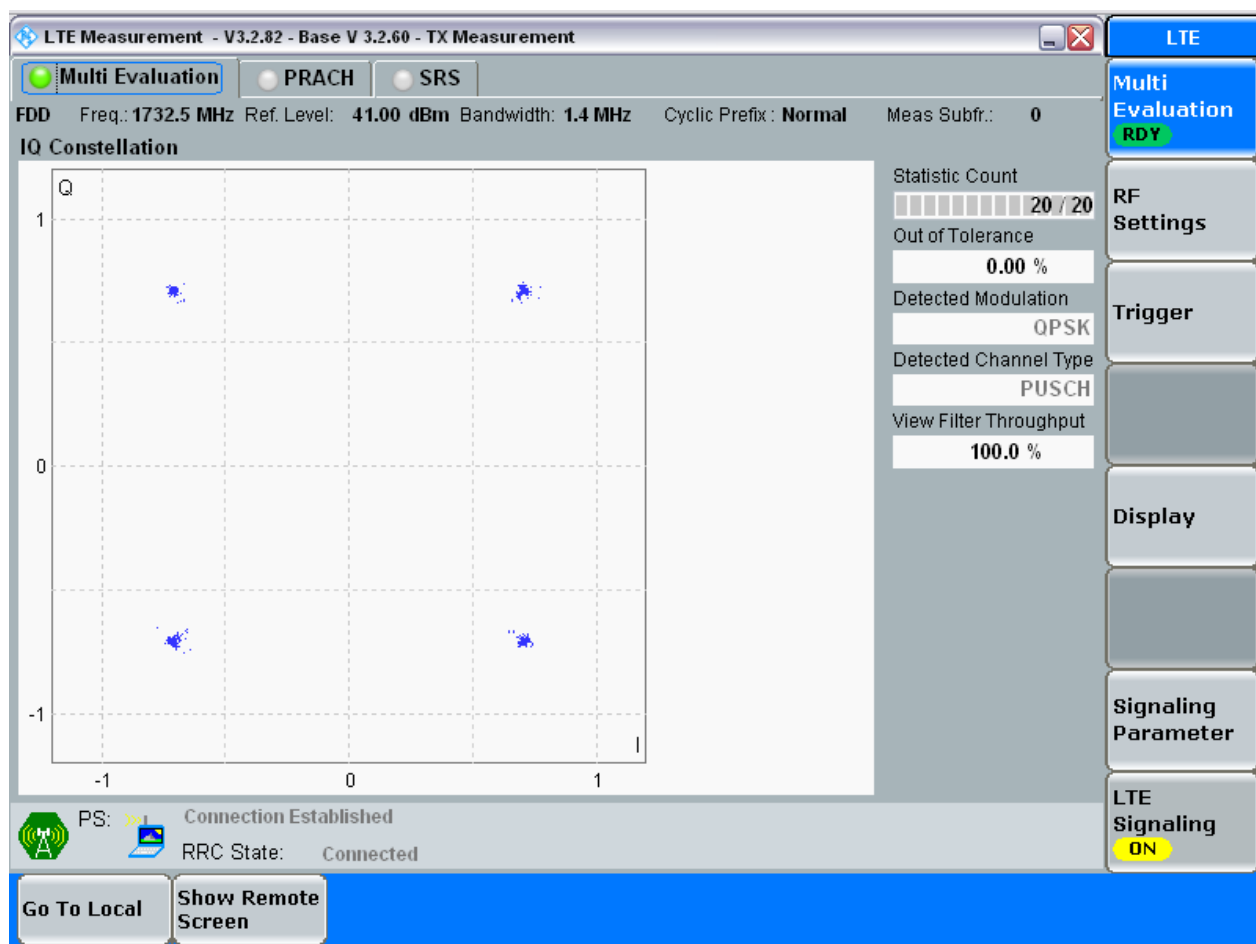
3.1.1 Test Band = BAND4

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

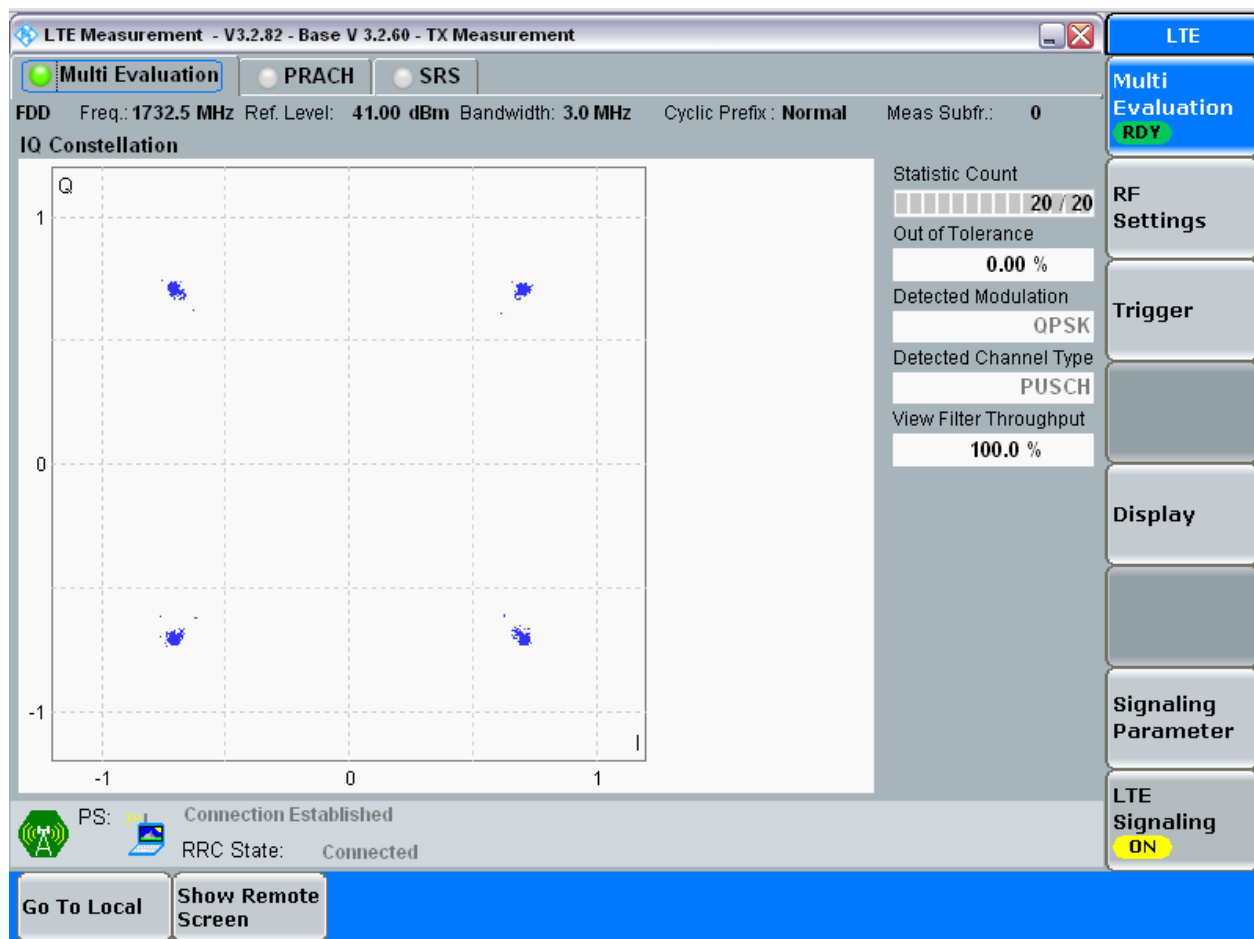
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

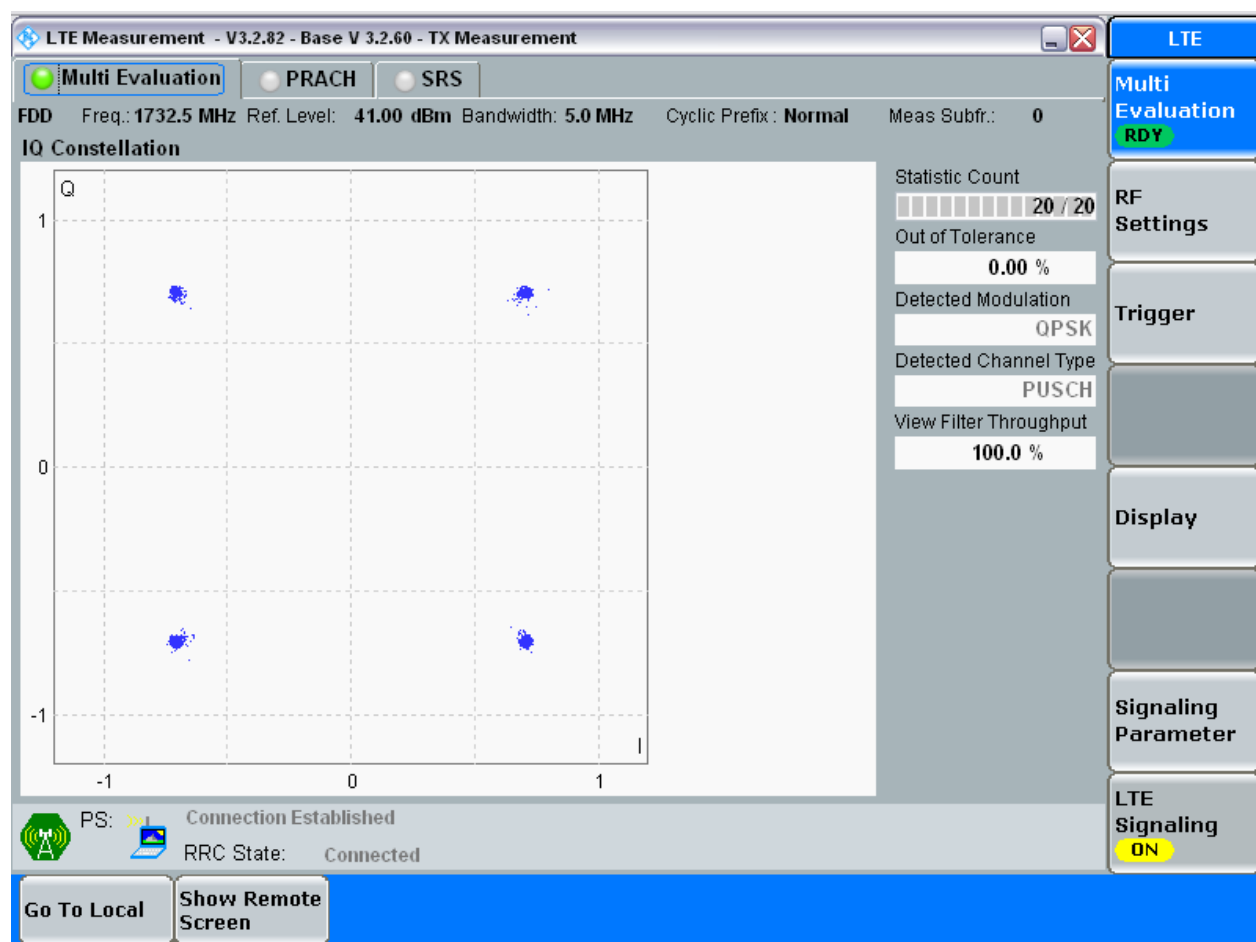
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

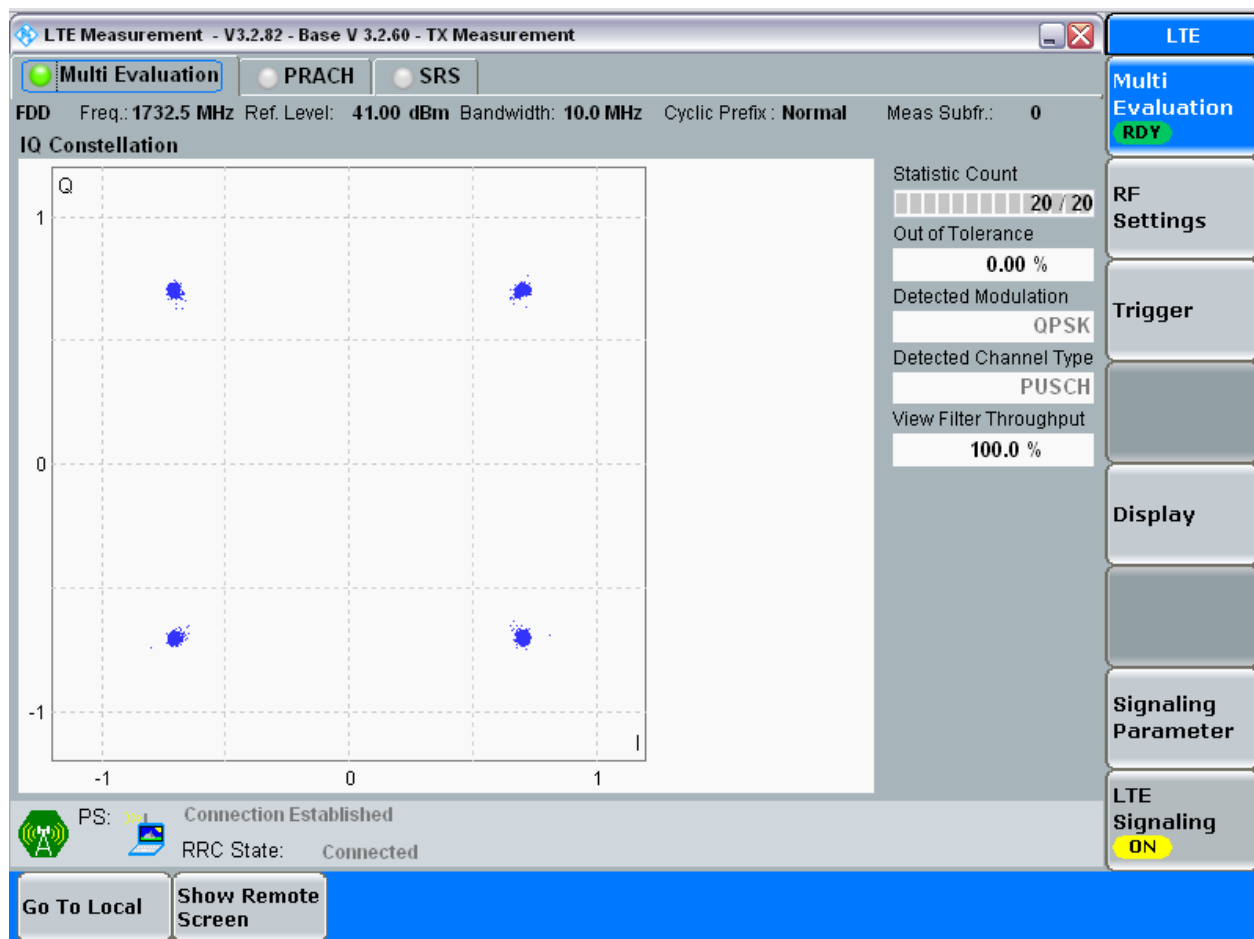
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

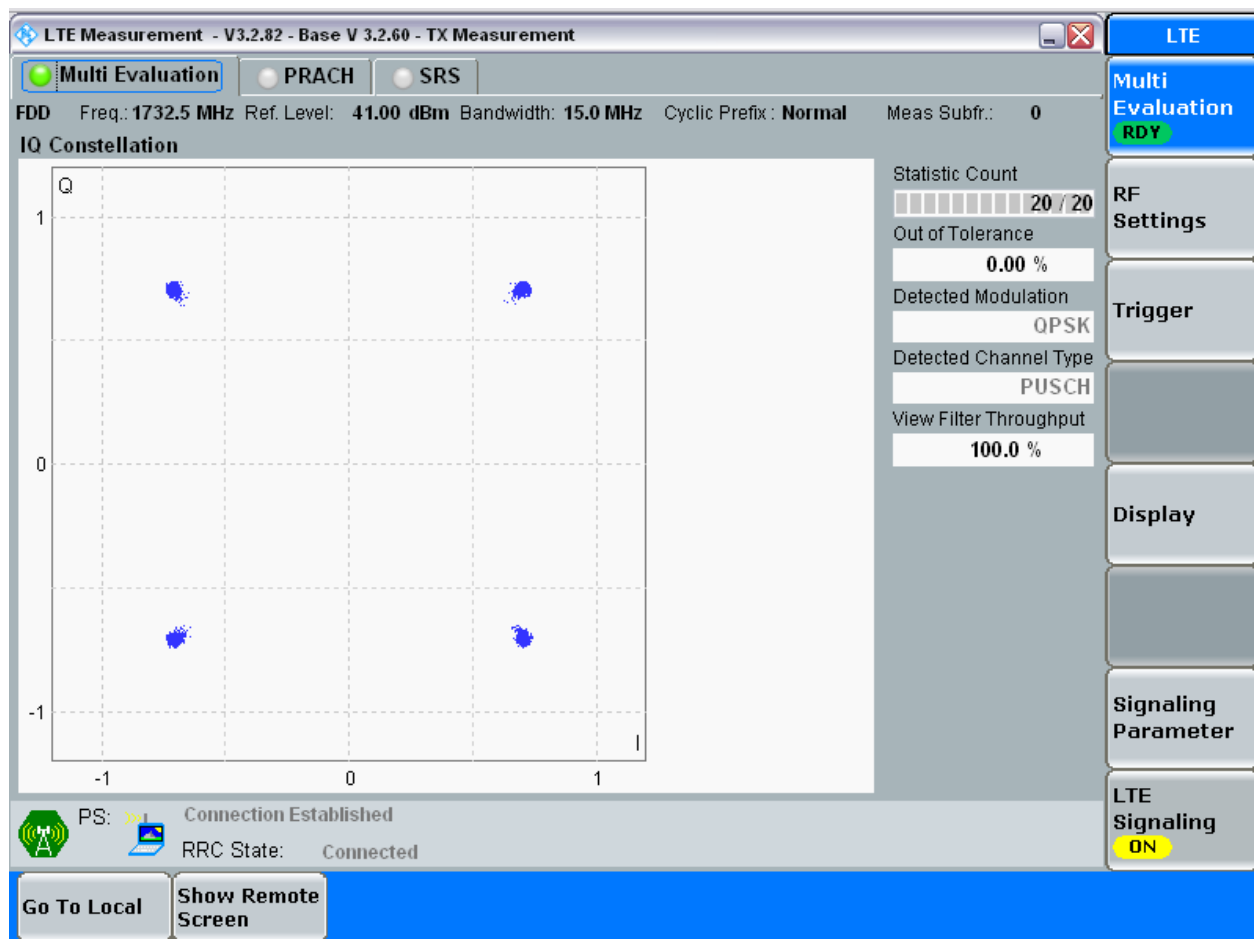
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

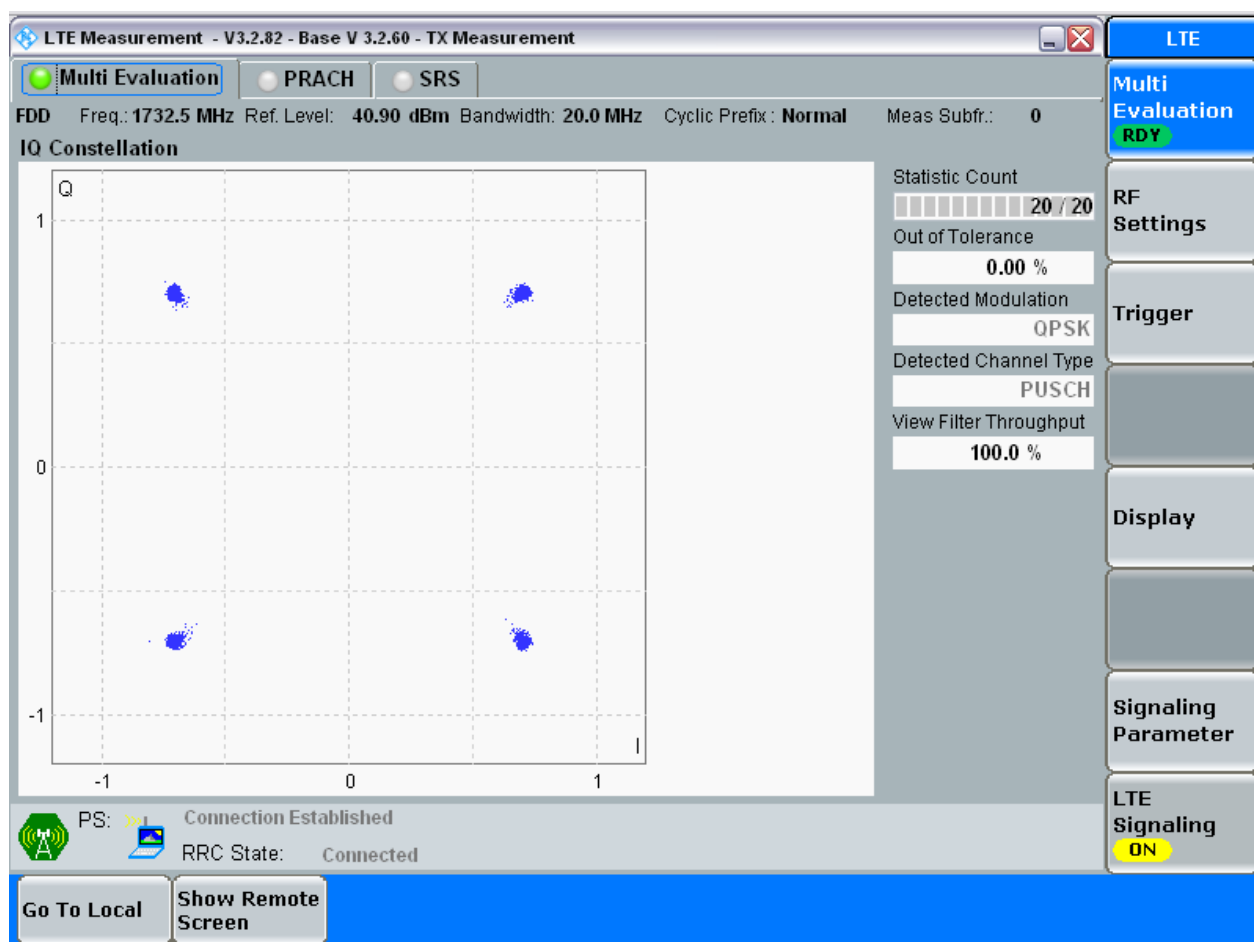
3.1.1.1.5.1.1 Test RB = RB75#0



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

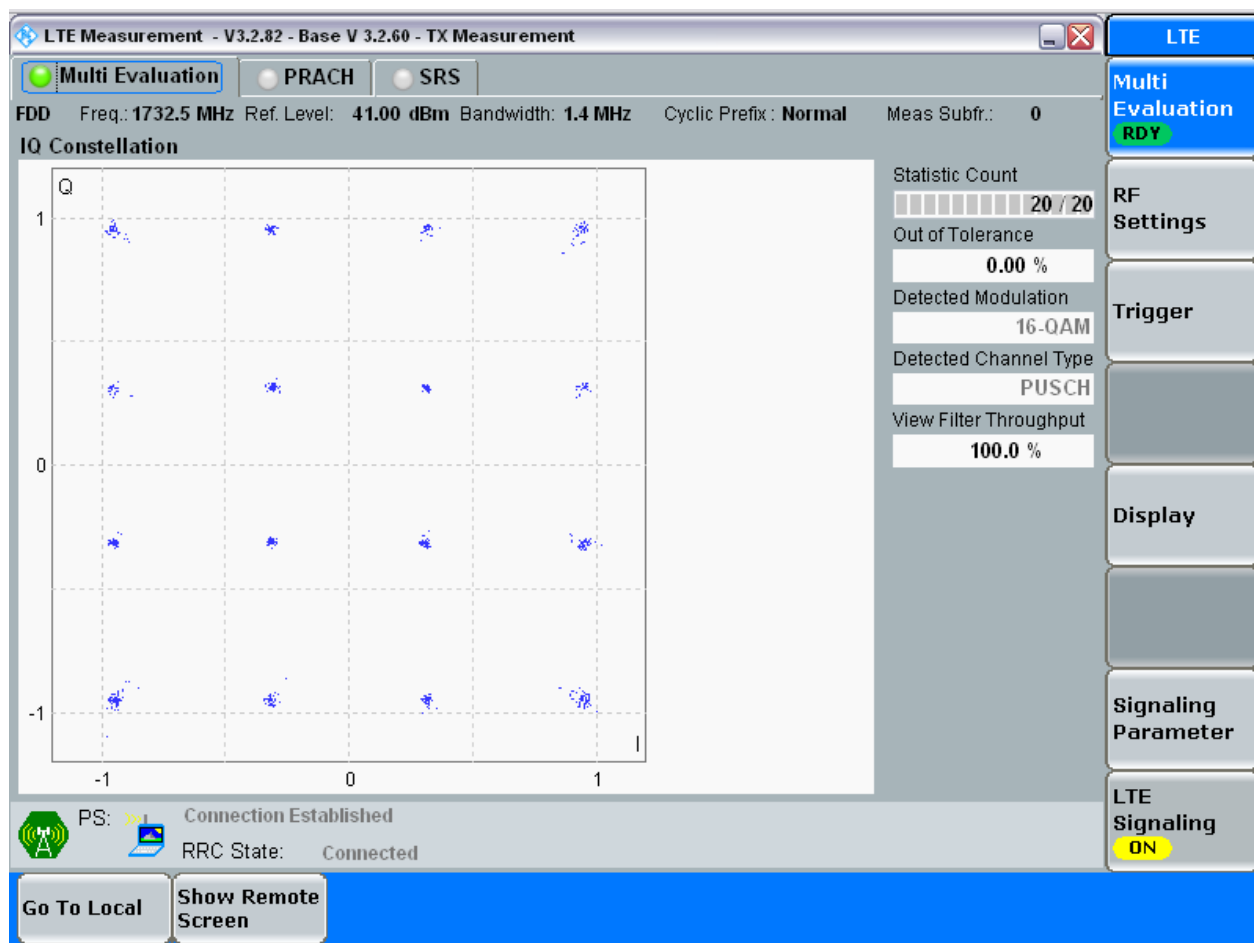


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

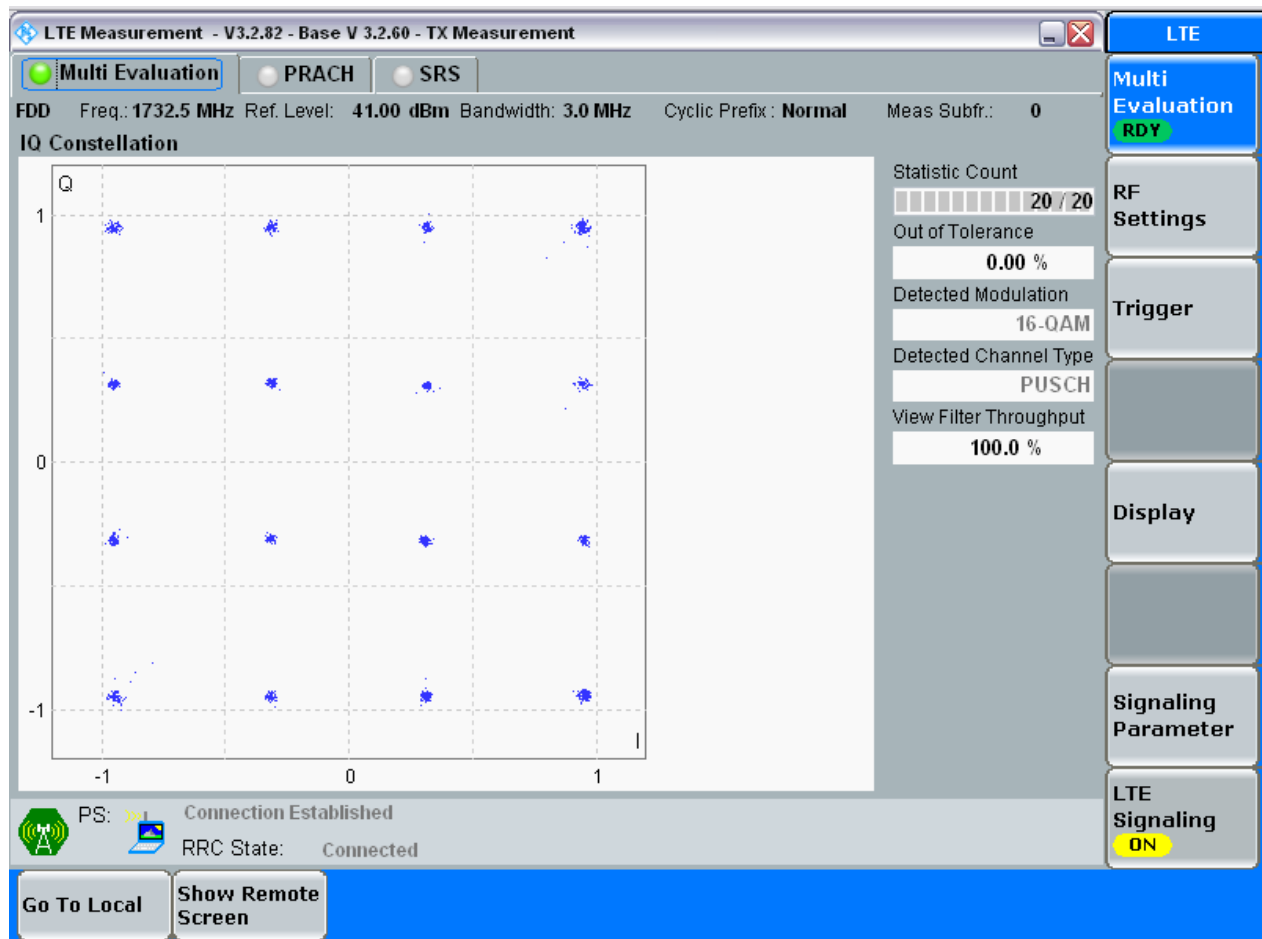
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

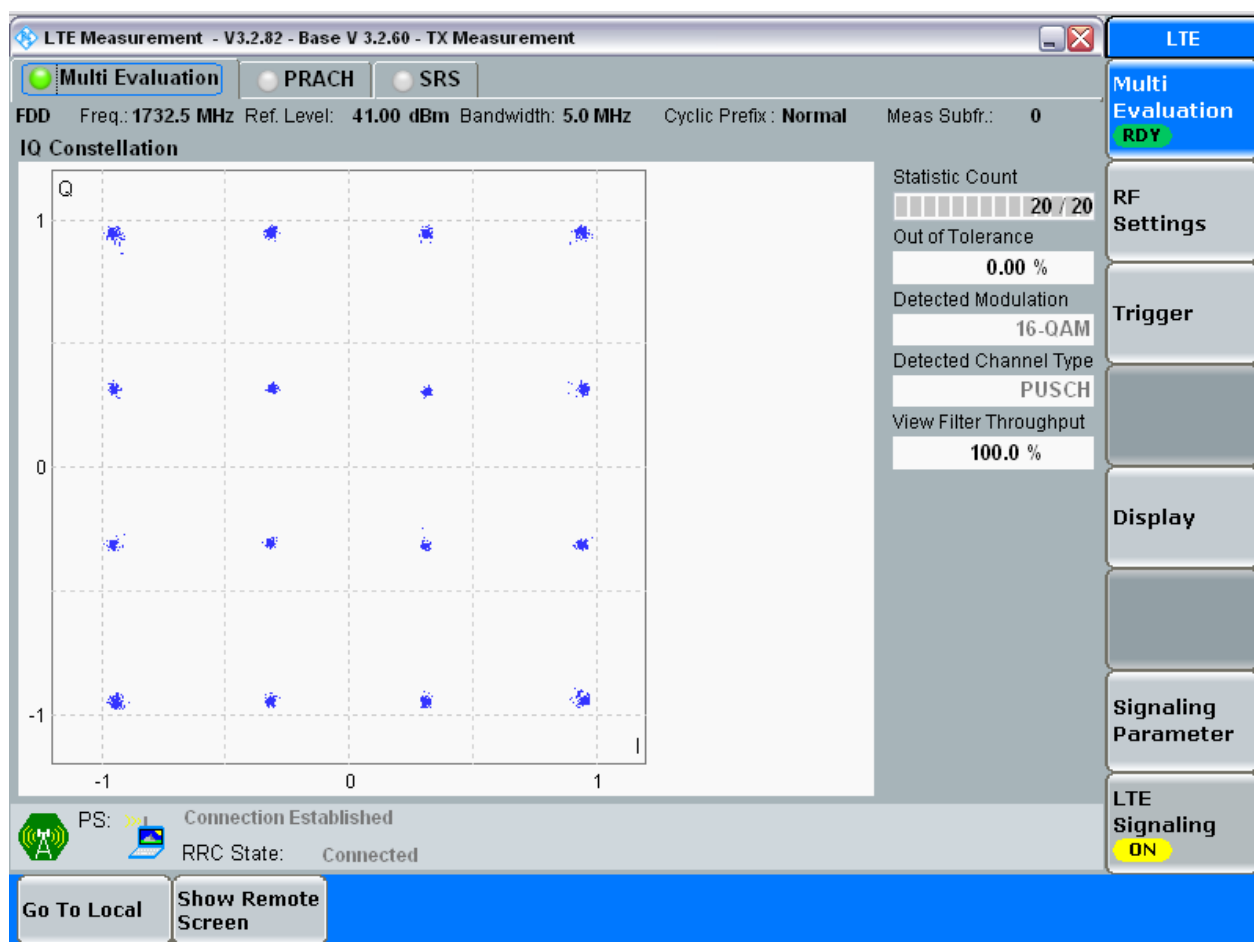
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

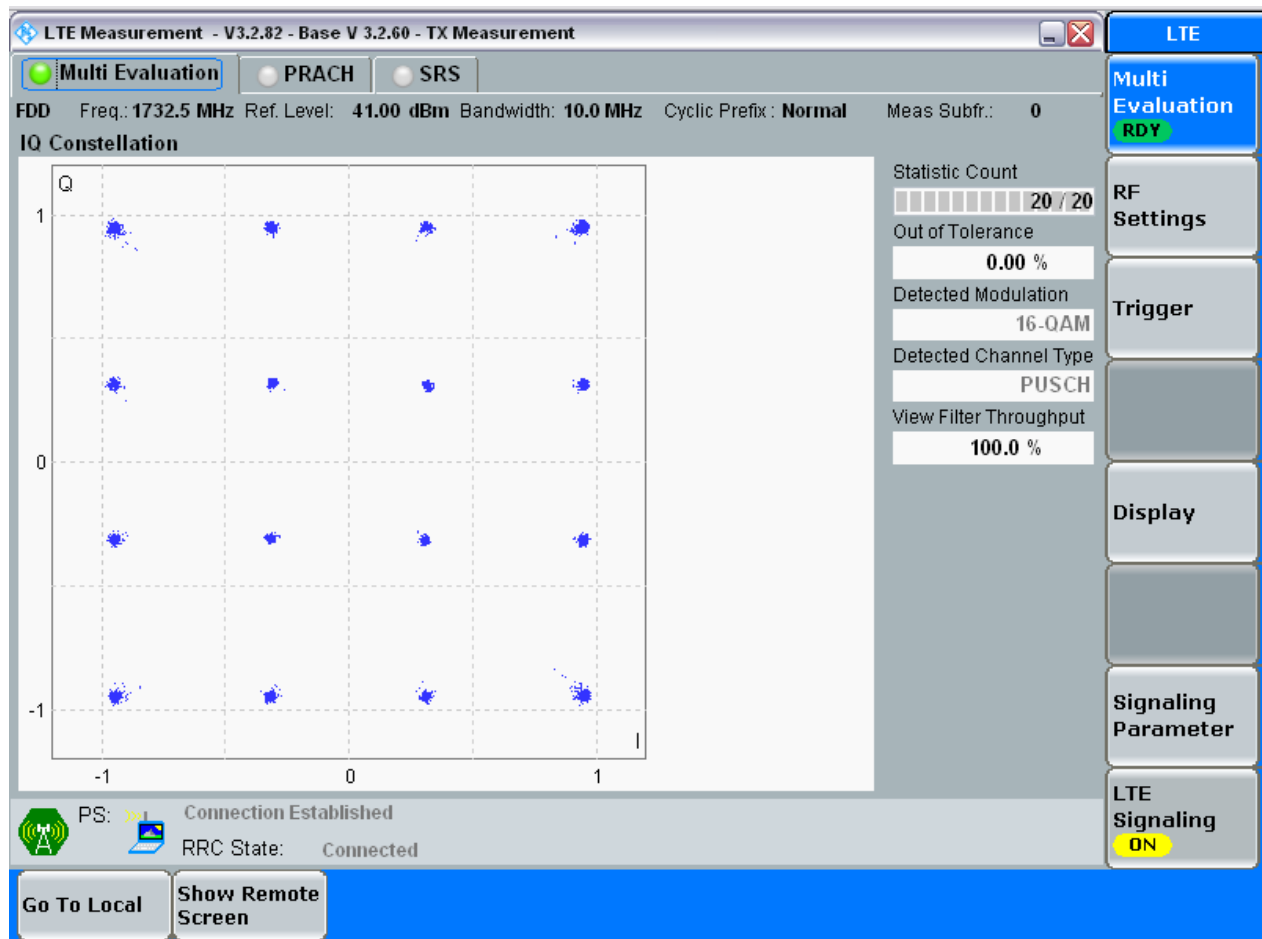
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

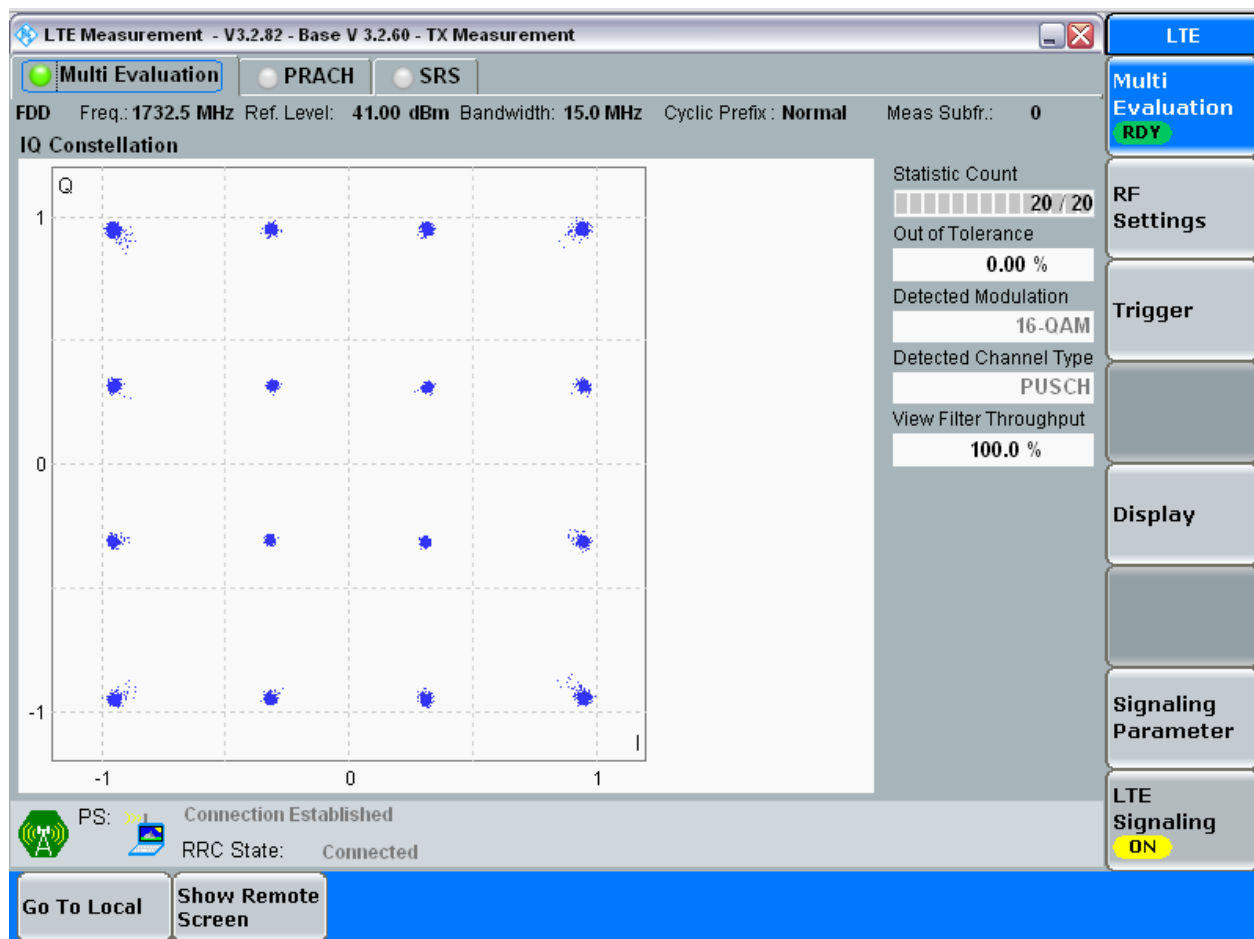
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

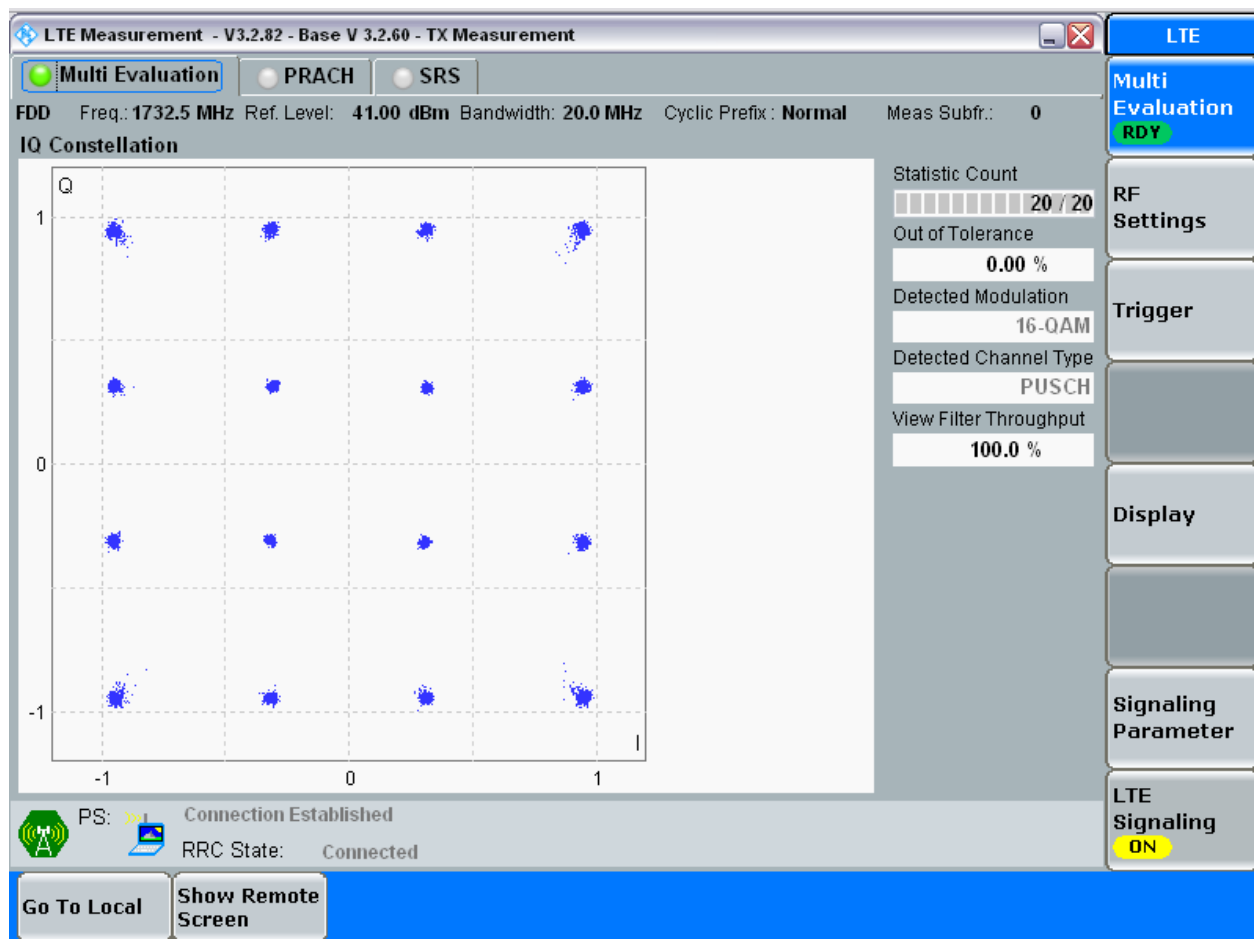
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.50	4.95	Pass
		10	LCH	RB50#0	9.01	9.91	Pass
			MCH	RB50#0	9.01	9.92	Pass
			HCH	RB50#0	8.97	9.92	Pass
		15	LCH	RB75#0	13.49	15.02	Pass
			MCH	RB75#0	13.51	15.02	Pass
			HCH	RB75#0	13.48	15.06	Pass
		20	LCH	RB100#0	17.95	19.80	Pass
			MCH	RB100#0	17.98	19.91	Pass
			HCH	RB100#0	17.95	19.83	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.72	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.52	4.98	Pass
		10	LCH	RB50#0	8.98	9.92	Pass
			MCH	RB50#0	9.00	9.86	Pass
			HCH	RB50#0	8.98	9.93	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.49	15.02	Pass
			MCH	RB75#0	13.50	14.94	Pass
			HCH	RB75#0	13.53	15.04	Pass
		20	LCH	RB100#0	18.00	19.85	Pass
			MCH	RB100#0	18.01	19.89	Pass
			HCH	RB100#0	17.98	19.81	Pass



Part II - Test Plots

4.1 For LTE

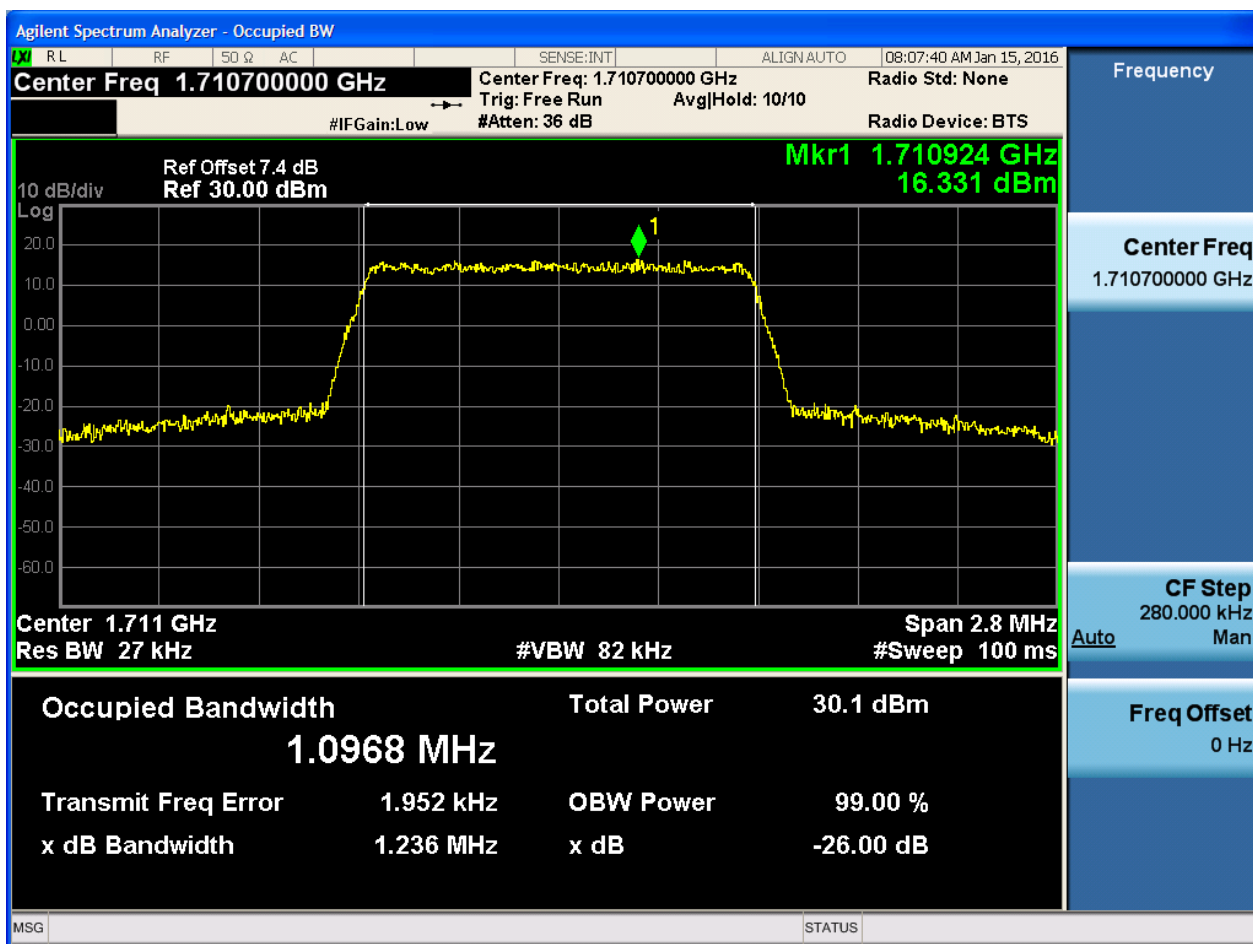
4.1.1 Test Band = BAND4

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

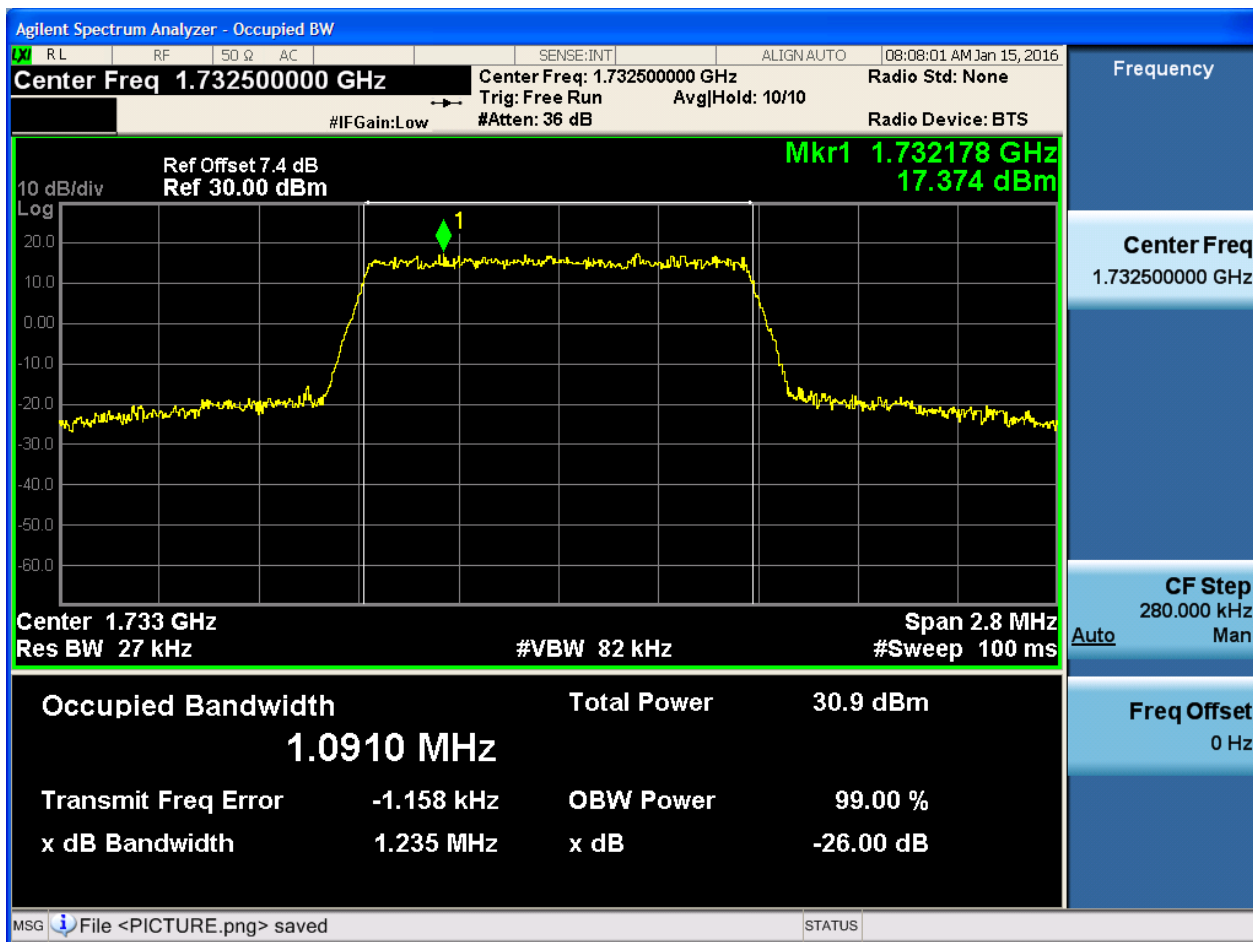
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

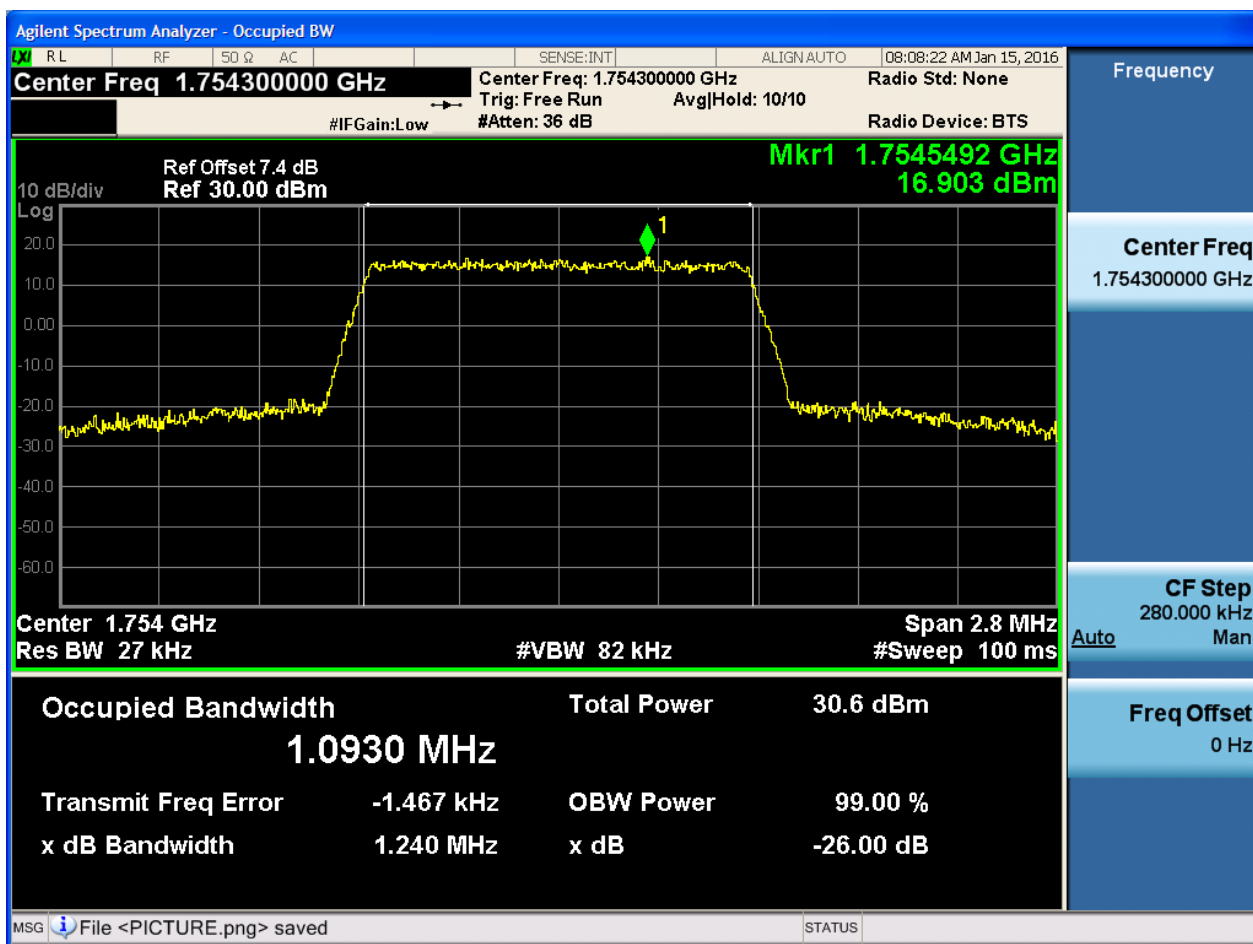
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

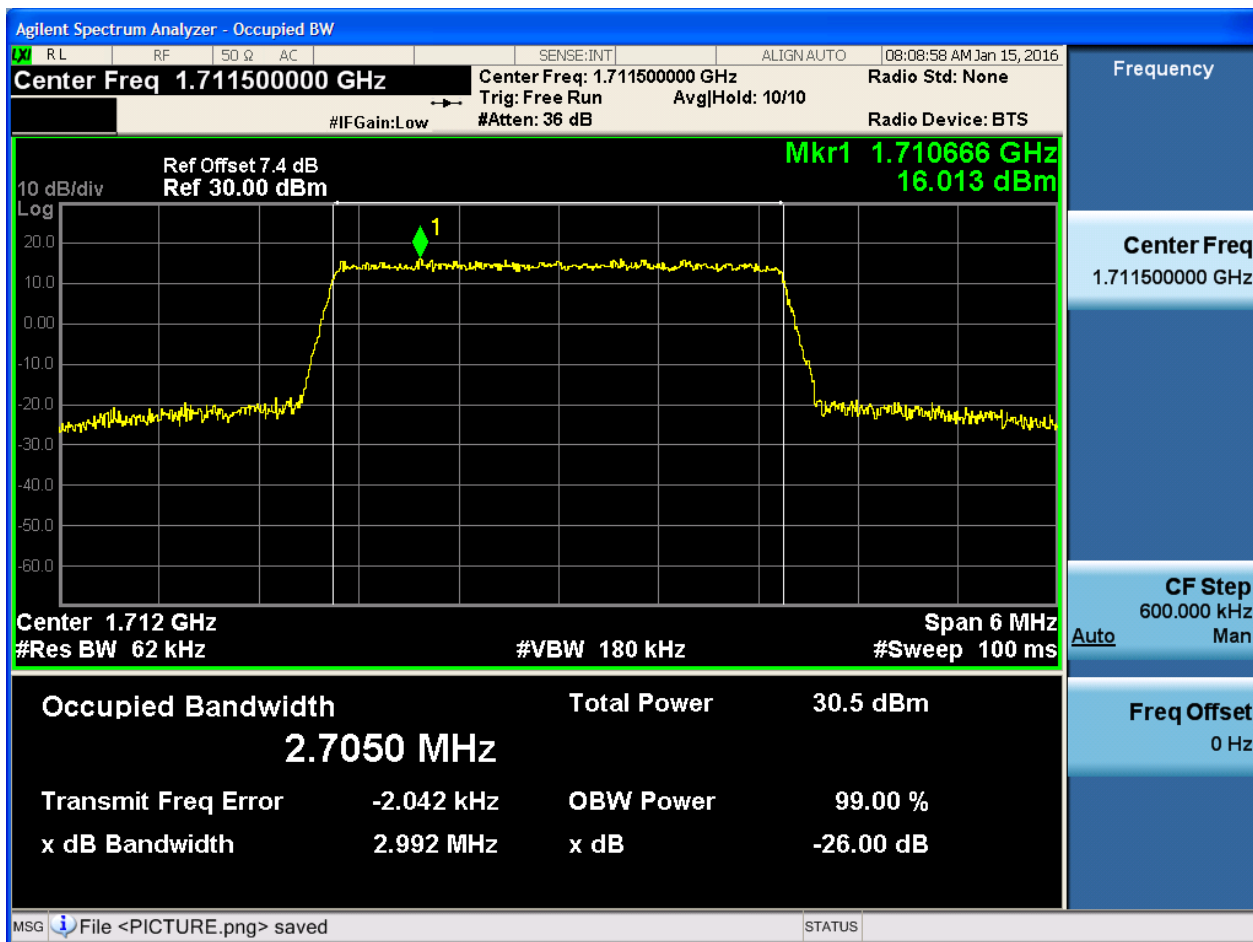




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

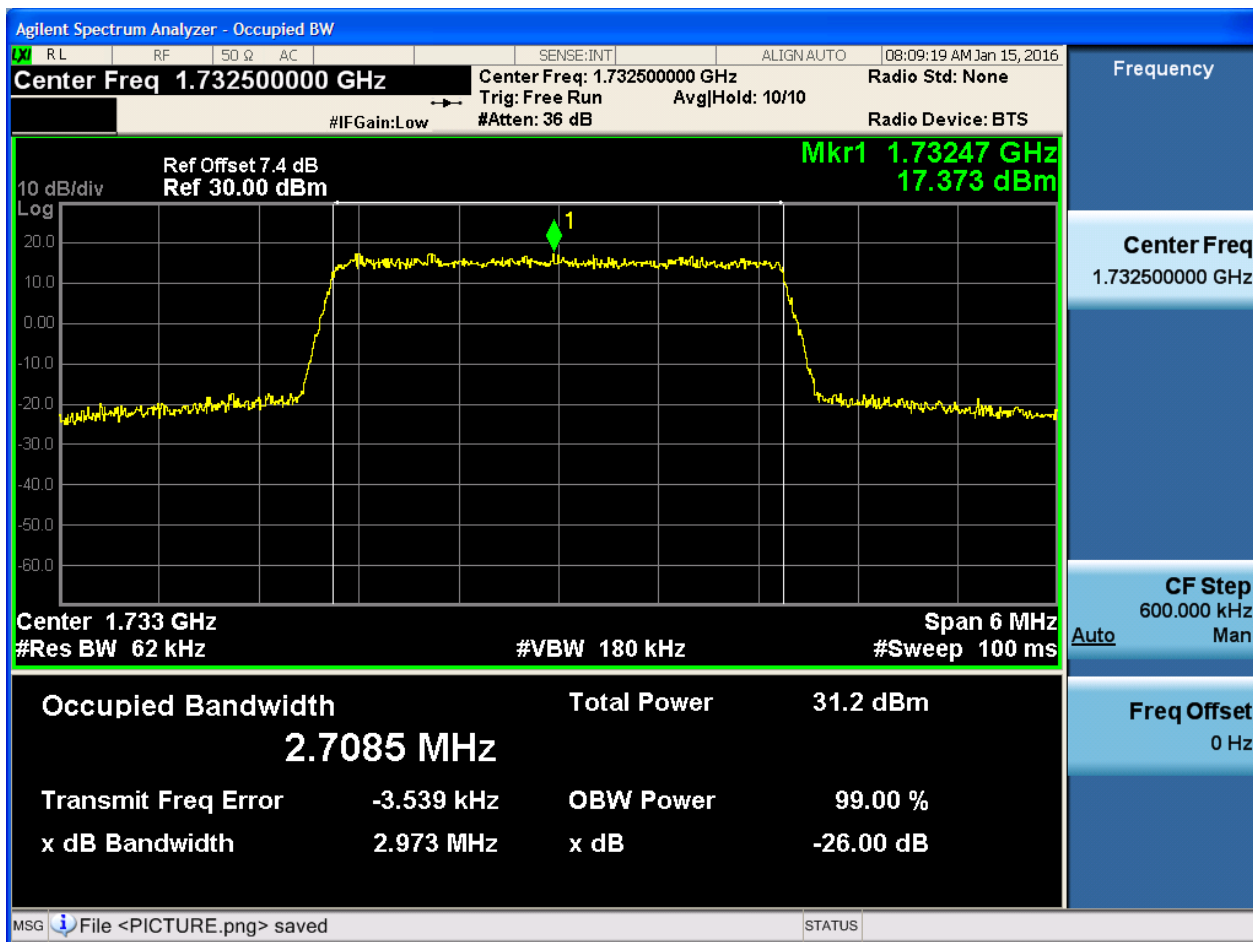
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

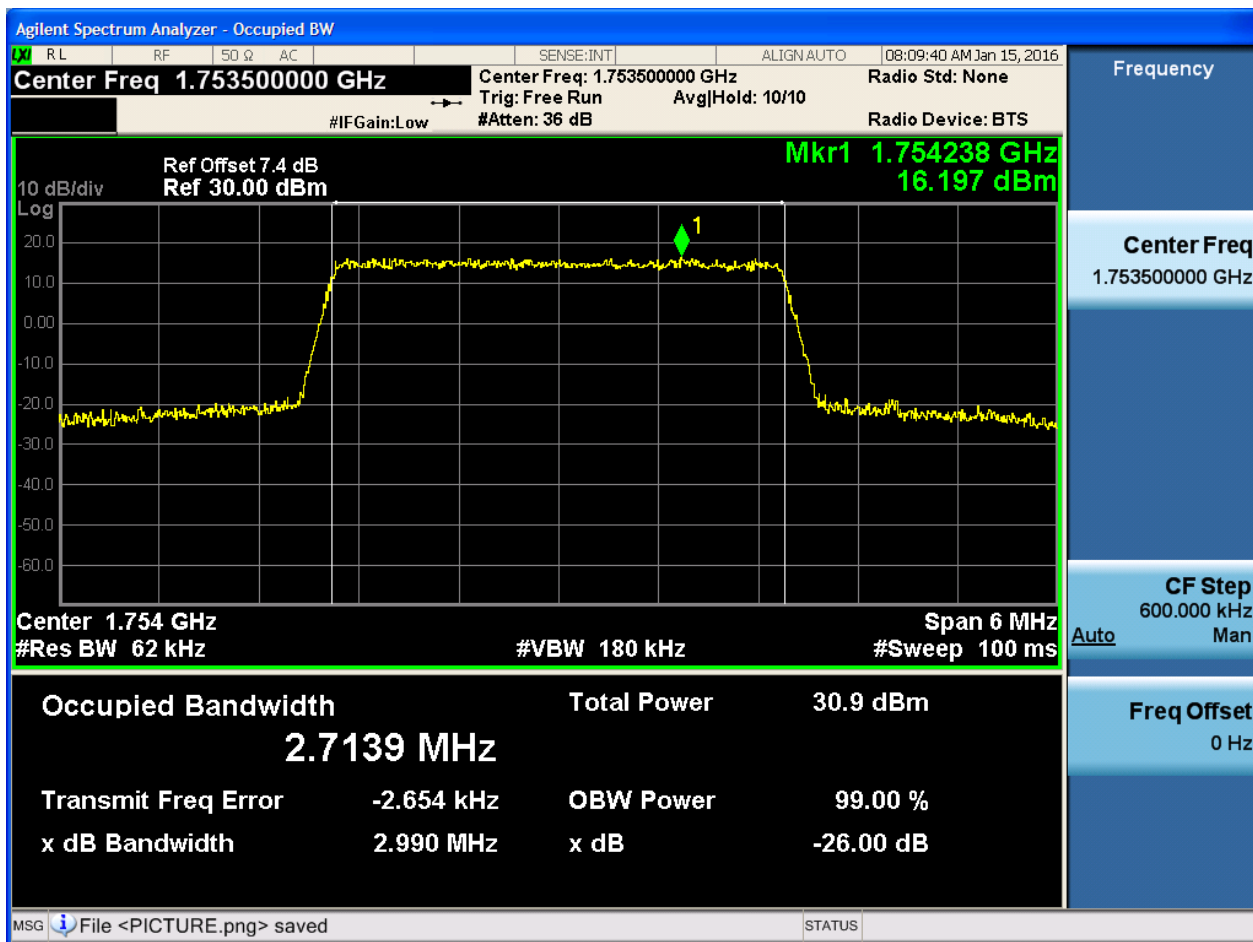
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

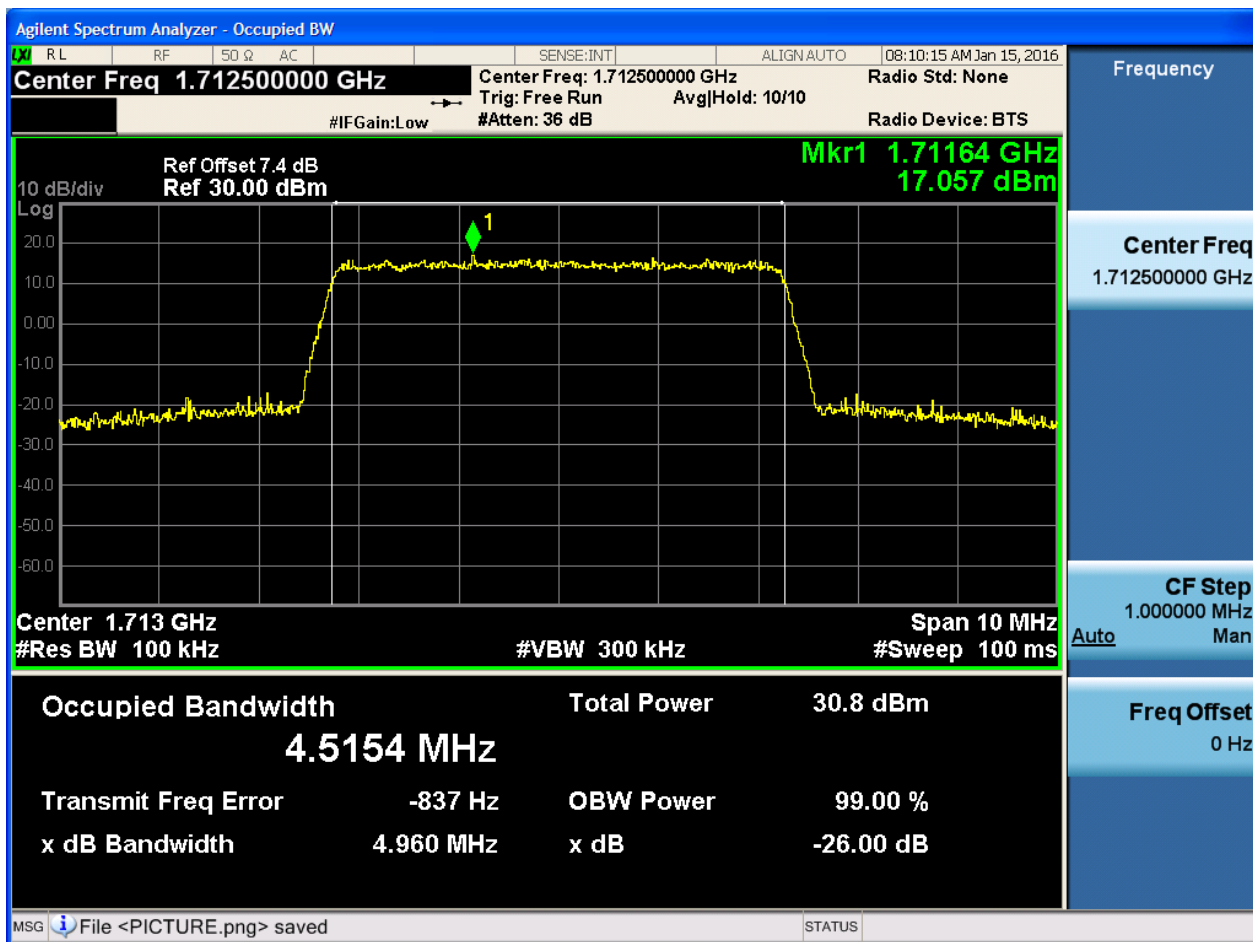




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

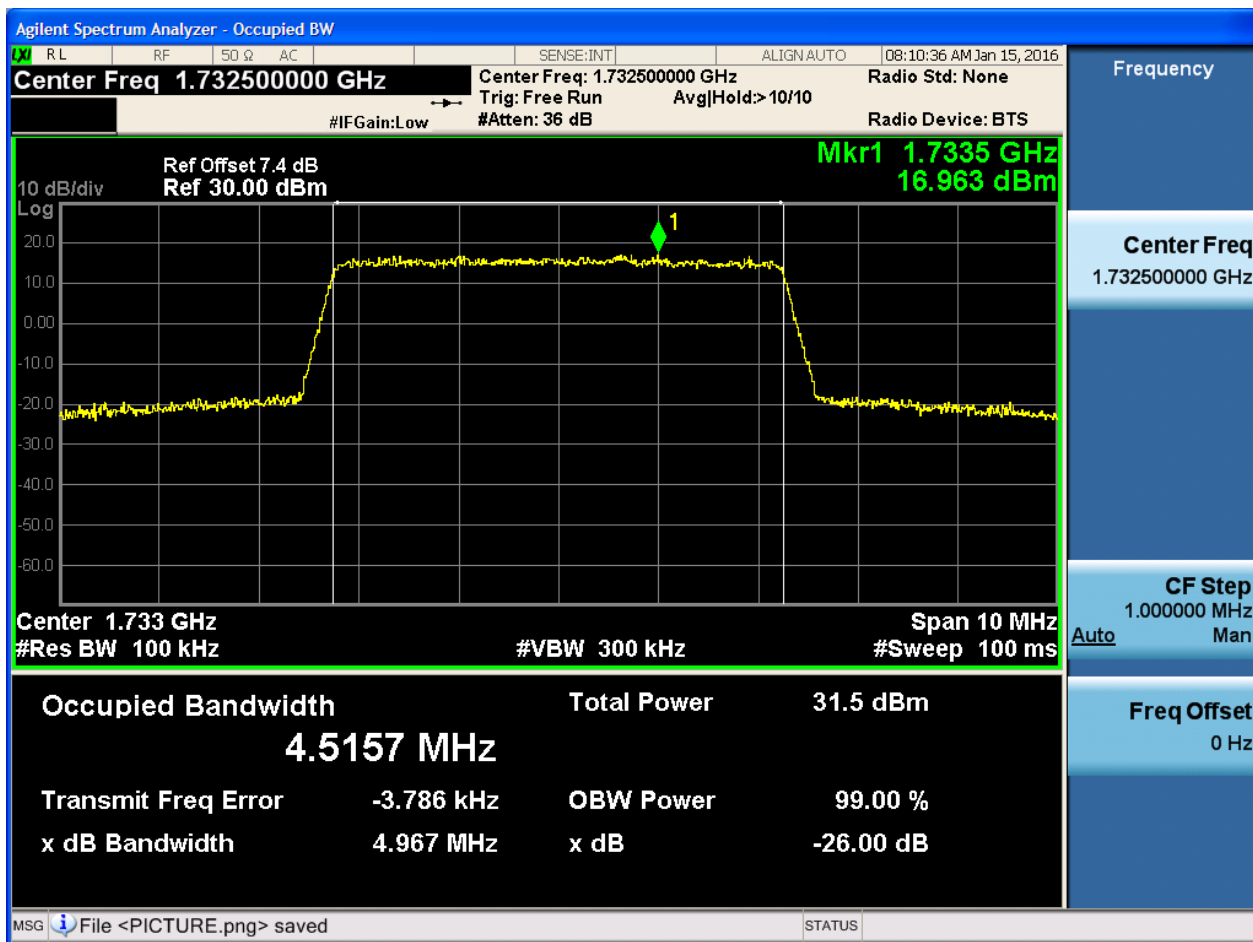
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

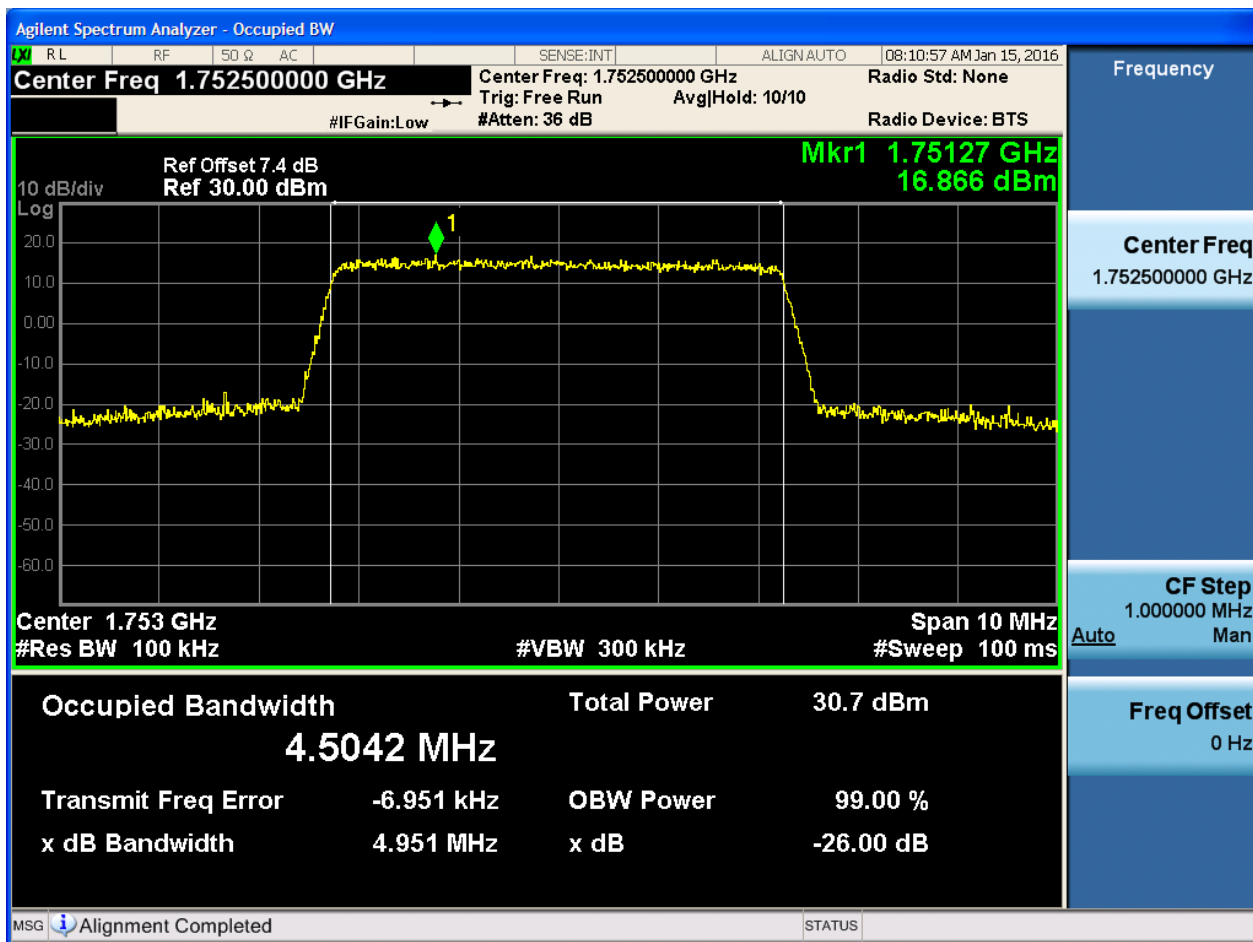
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

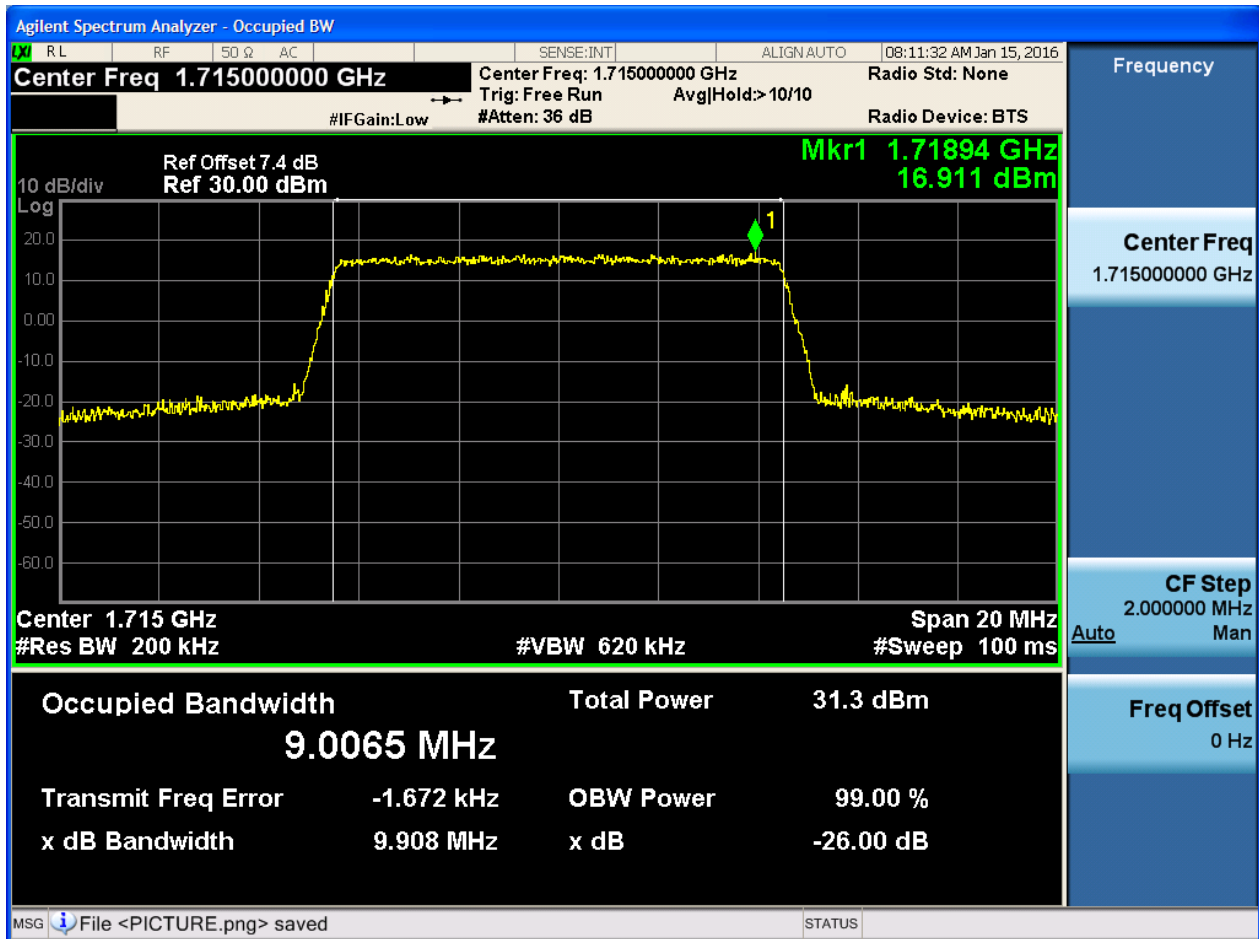




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

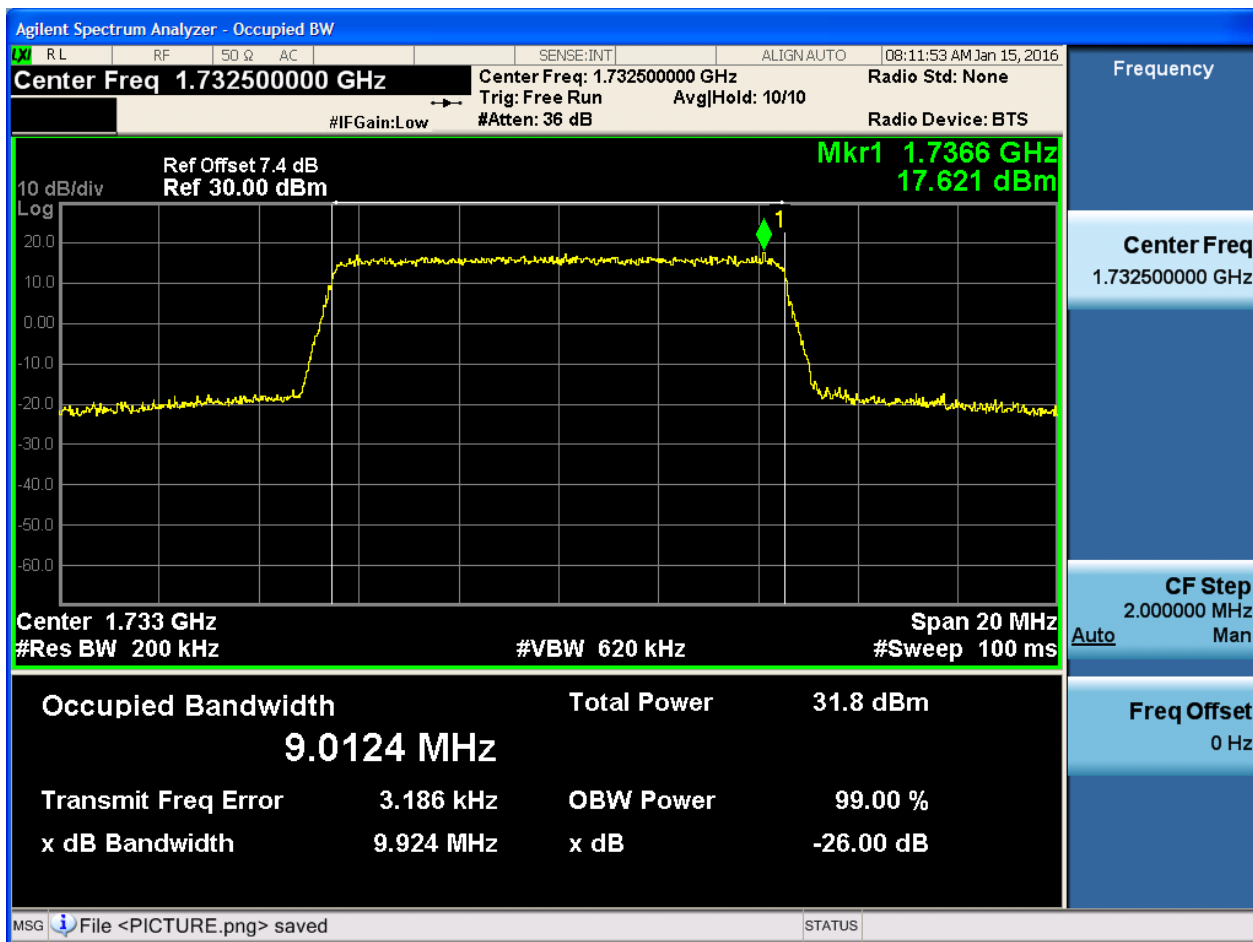
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

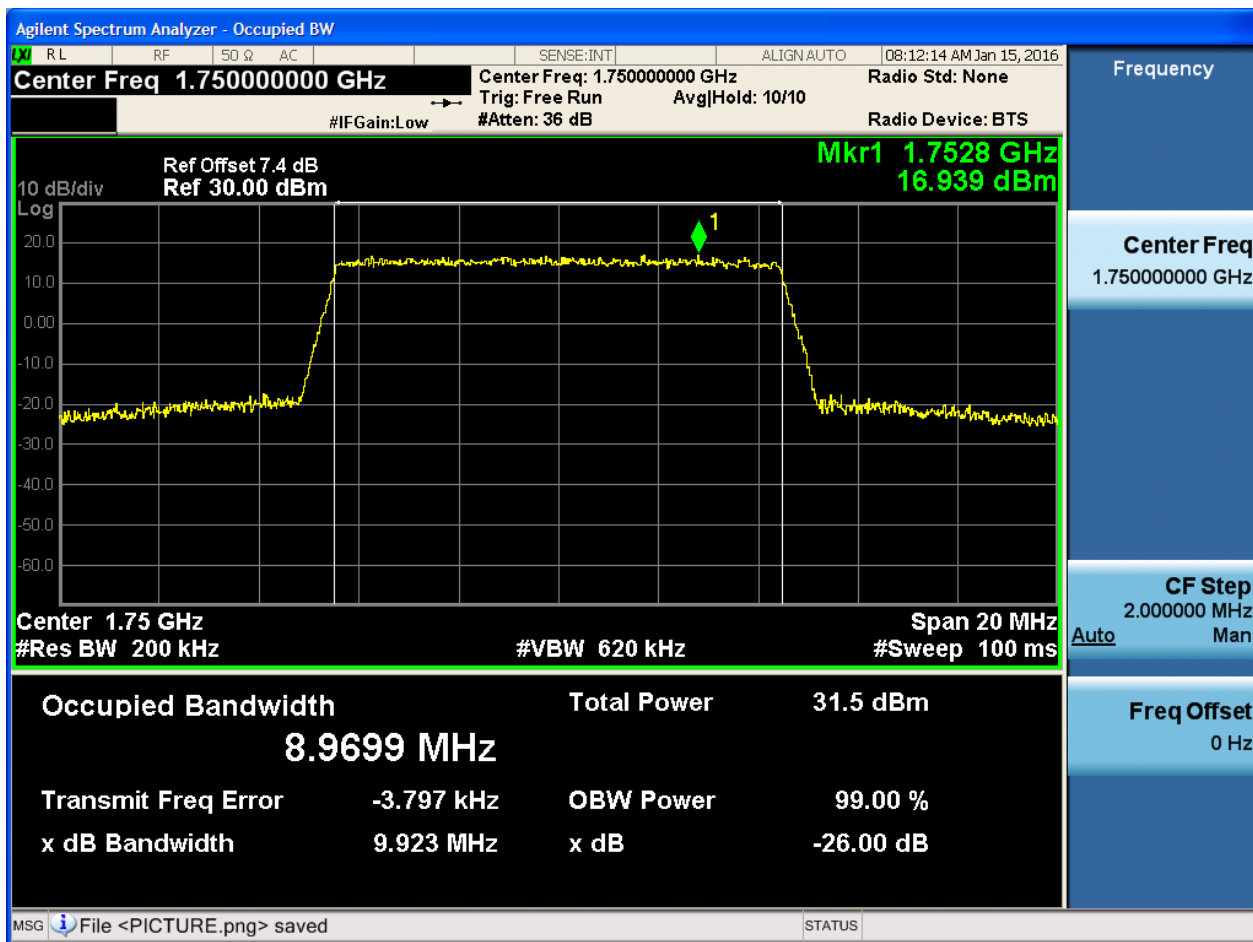
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

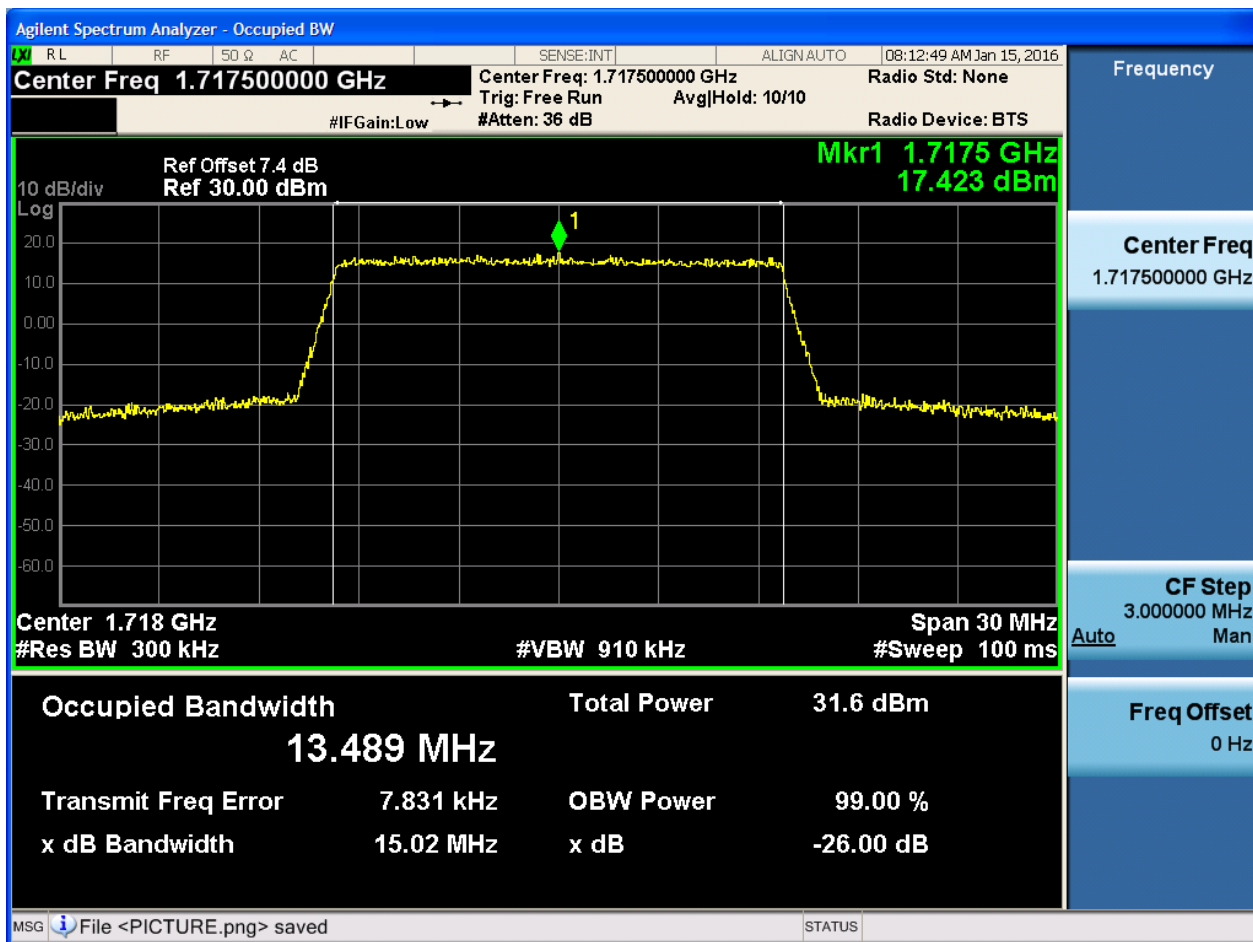




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

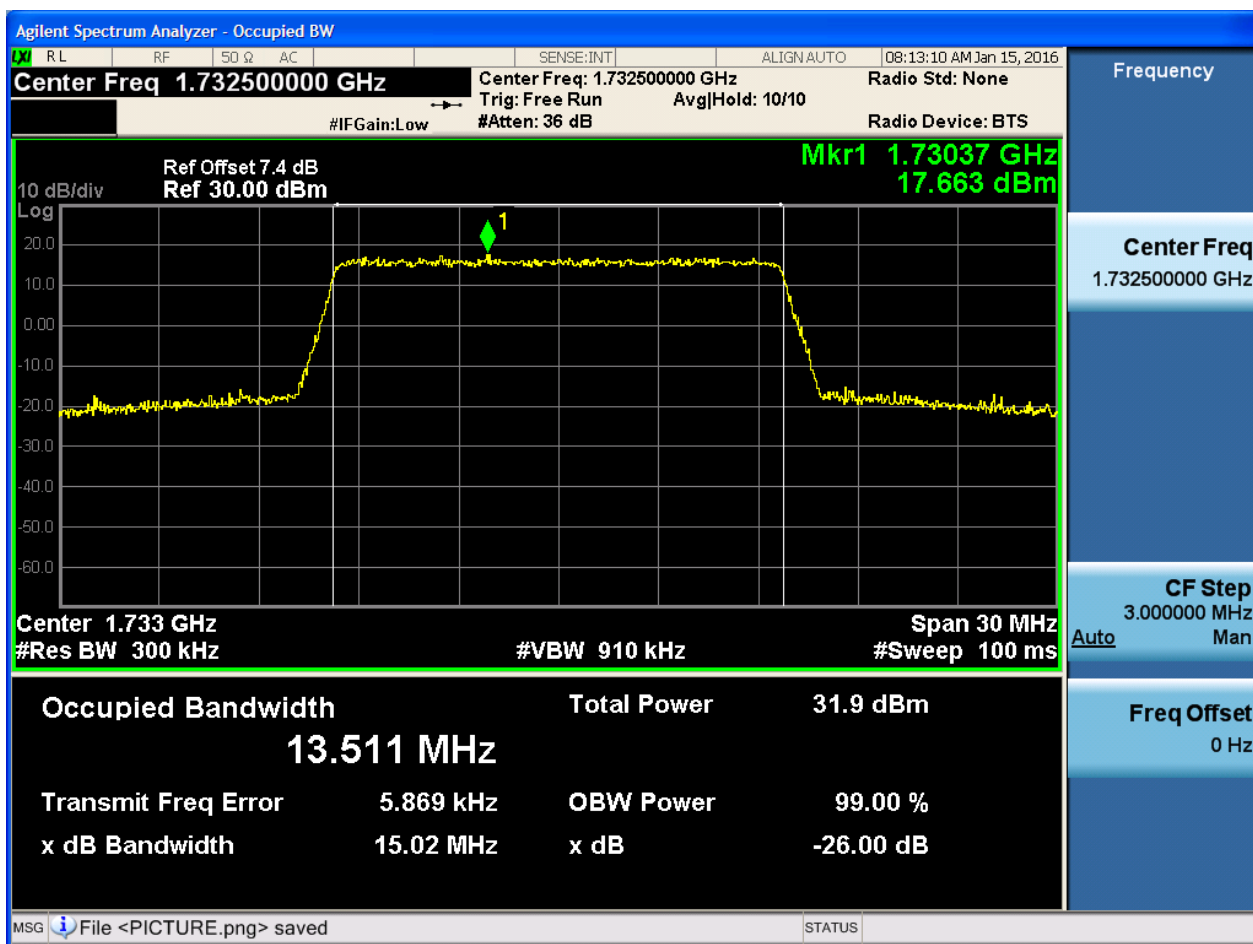
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

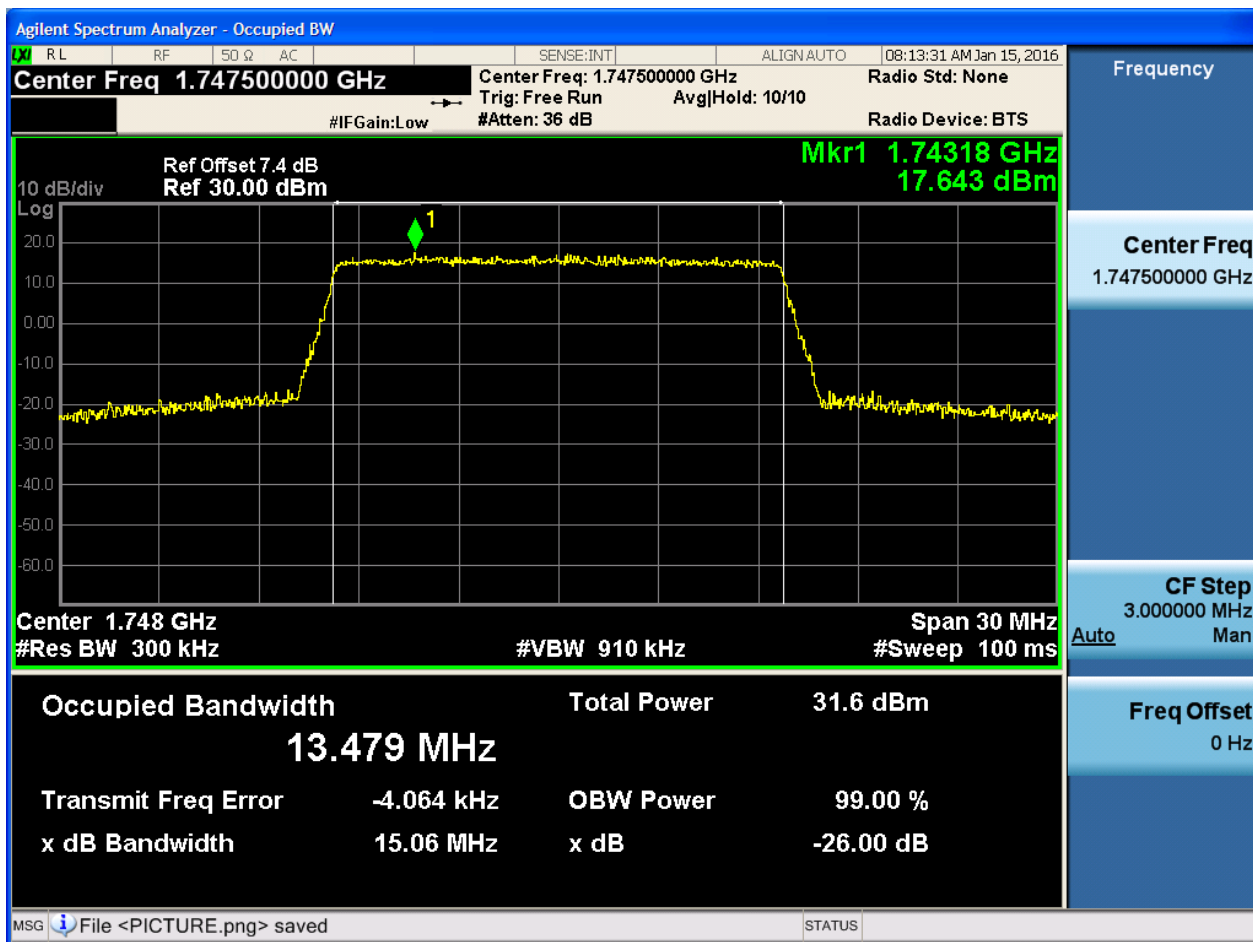
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

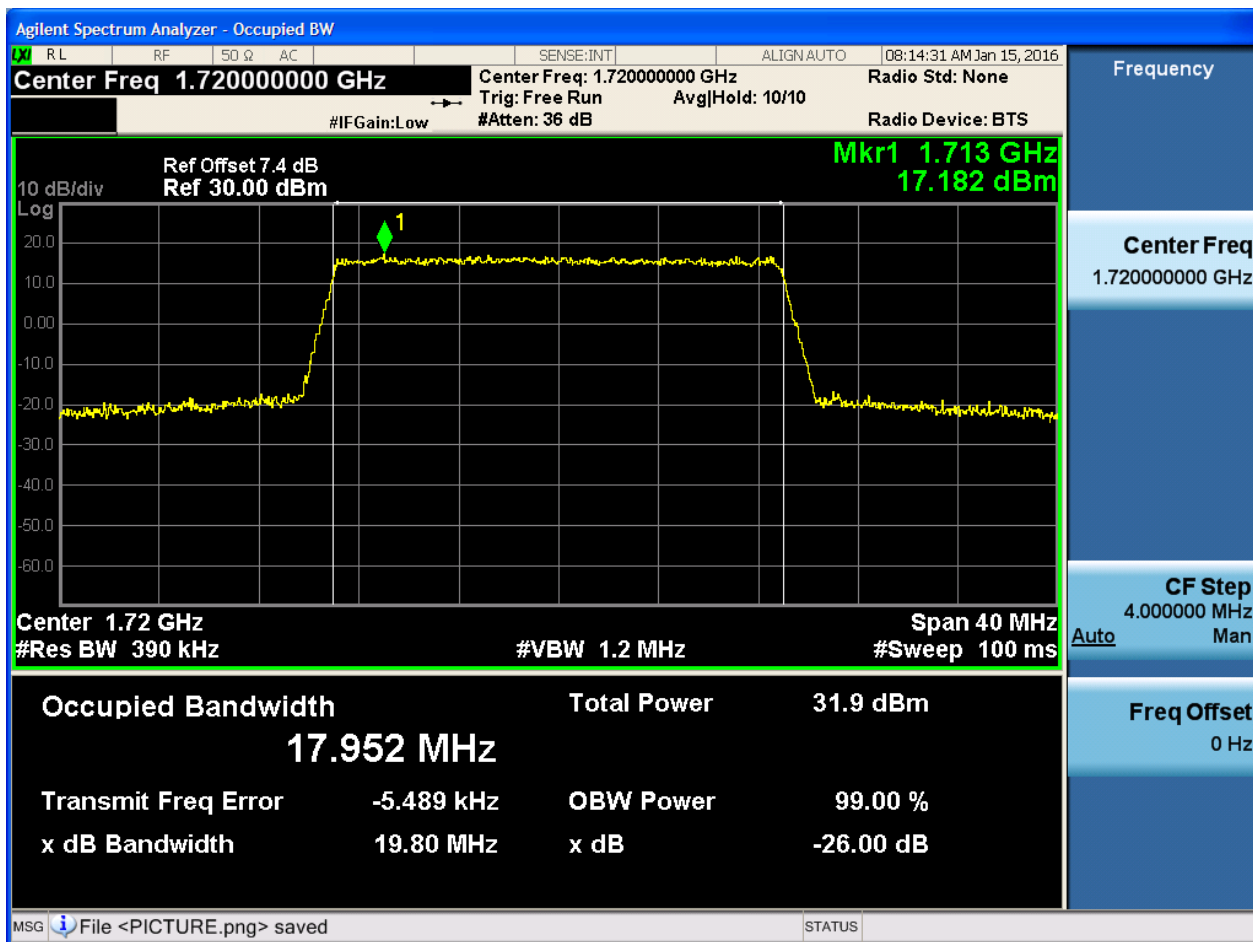




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

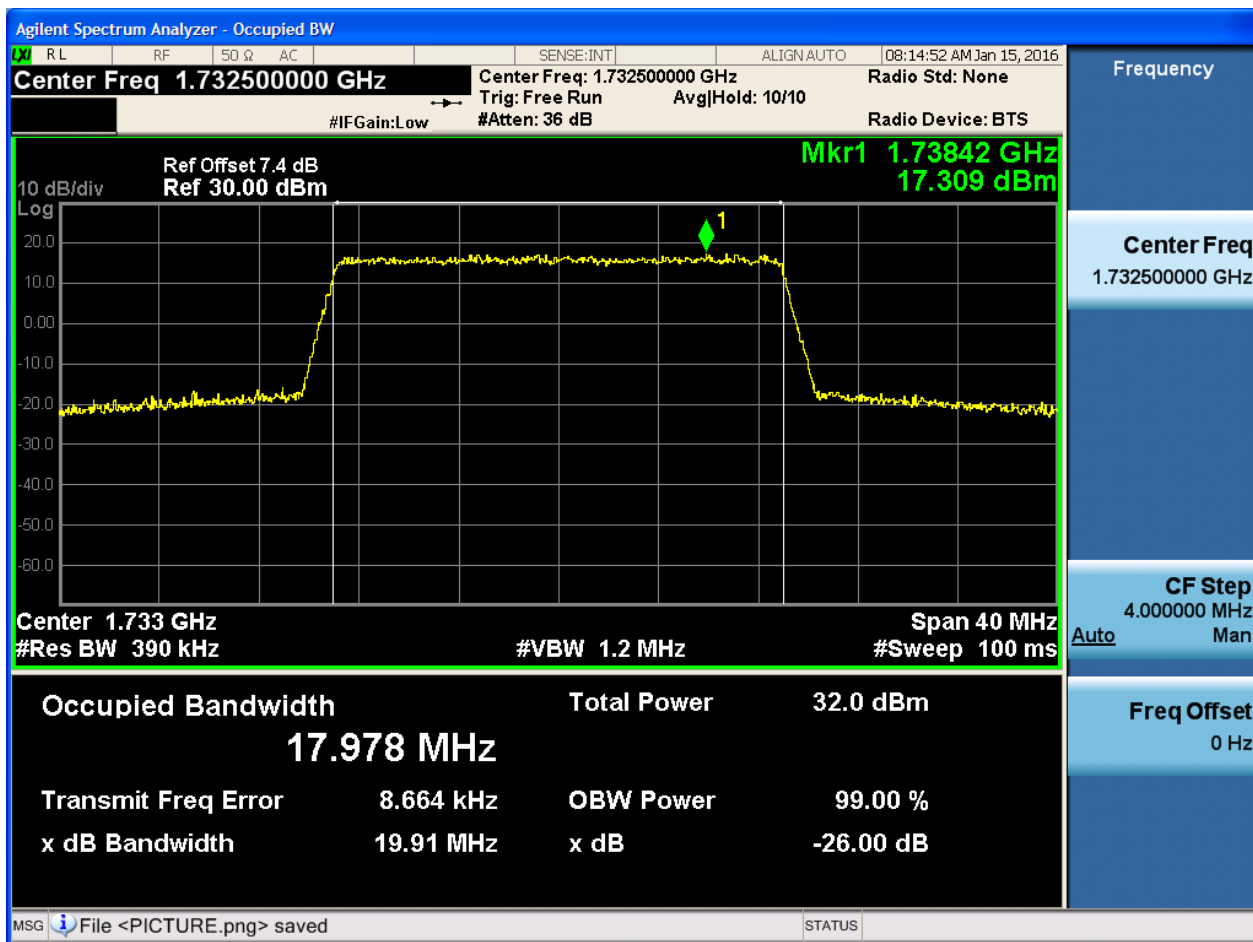
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

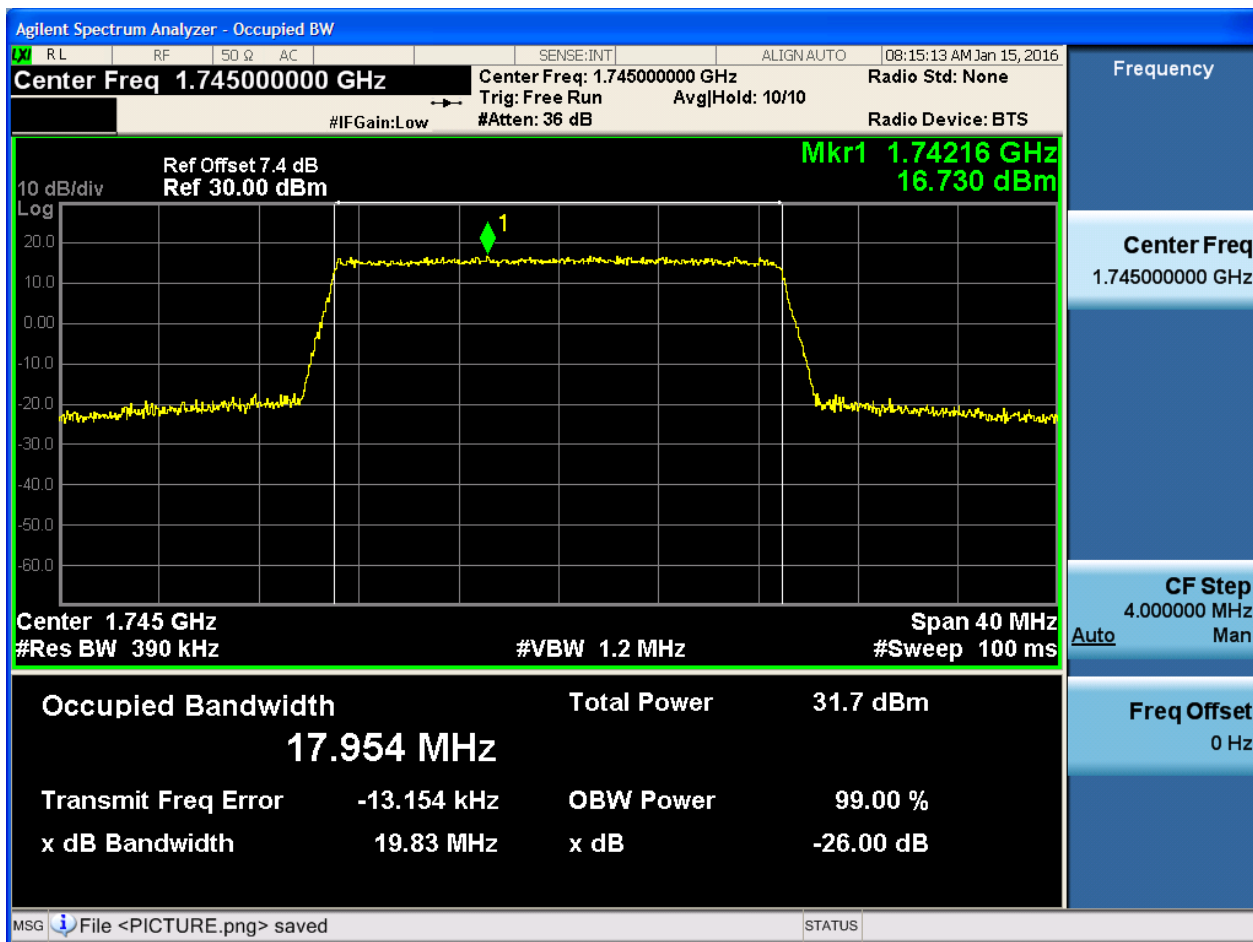
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0

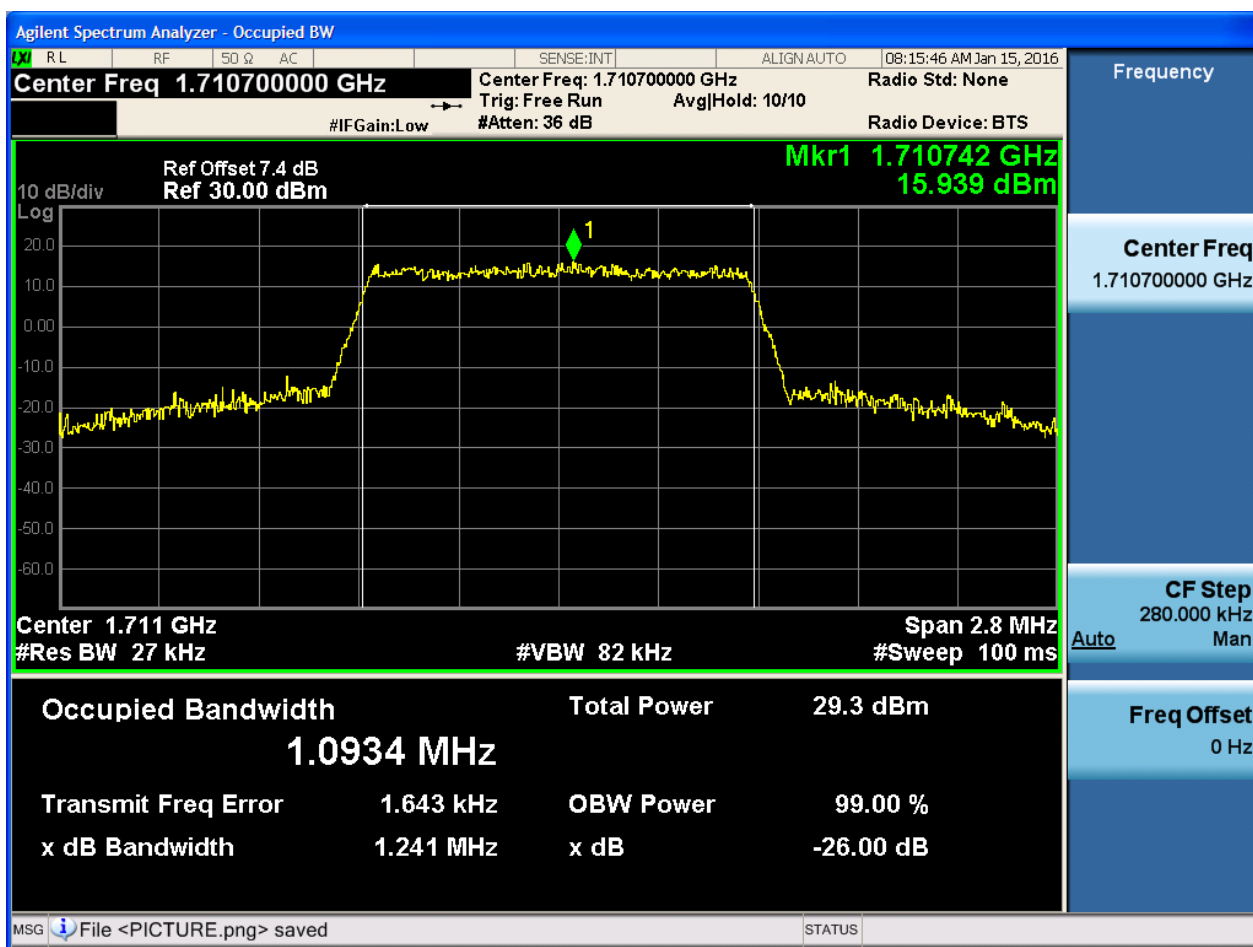


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

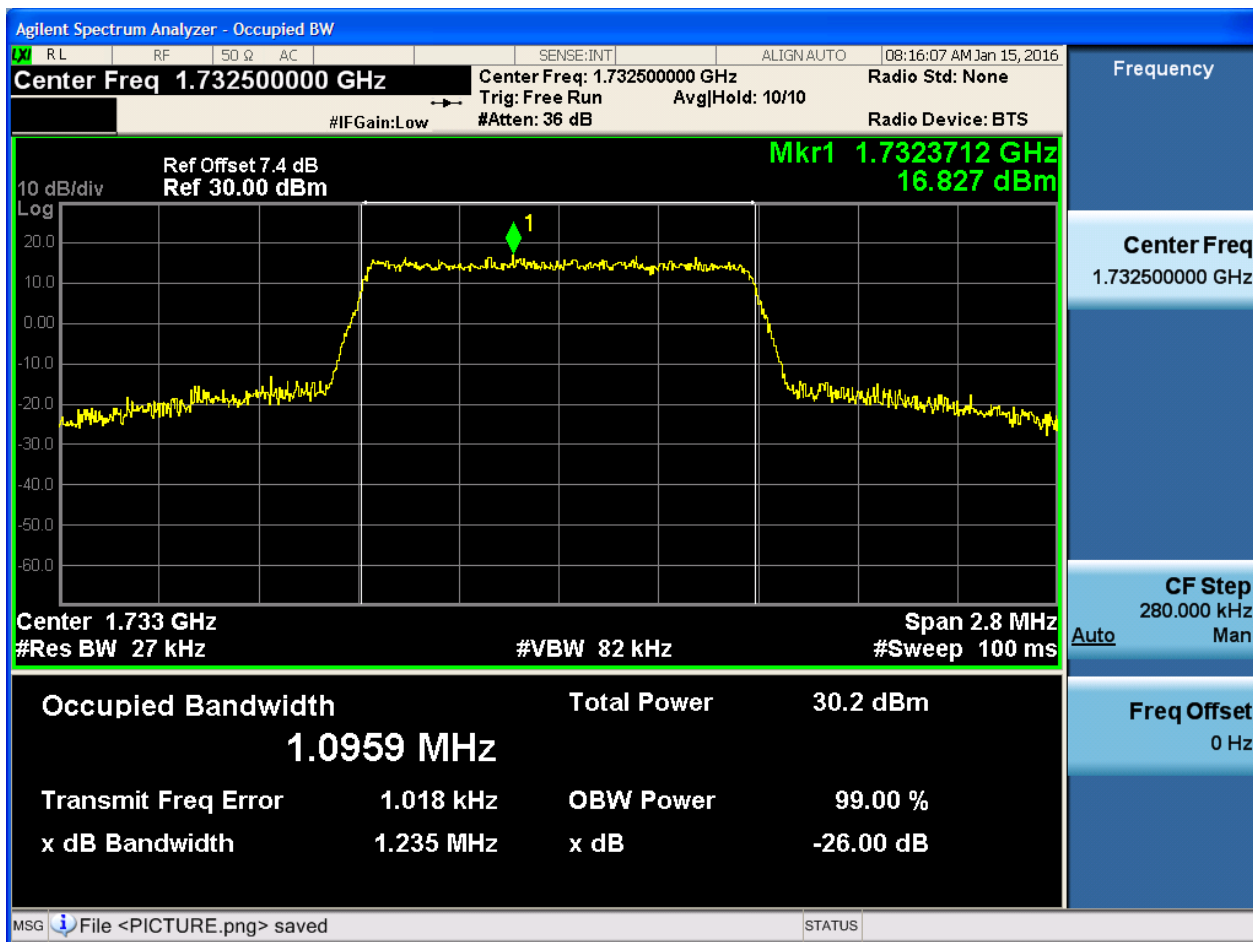
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

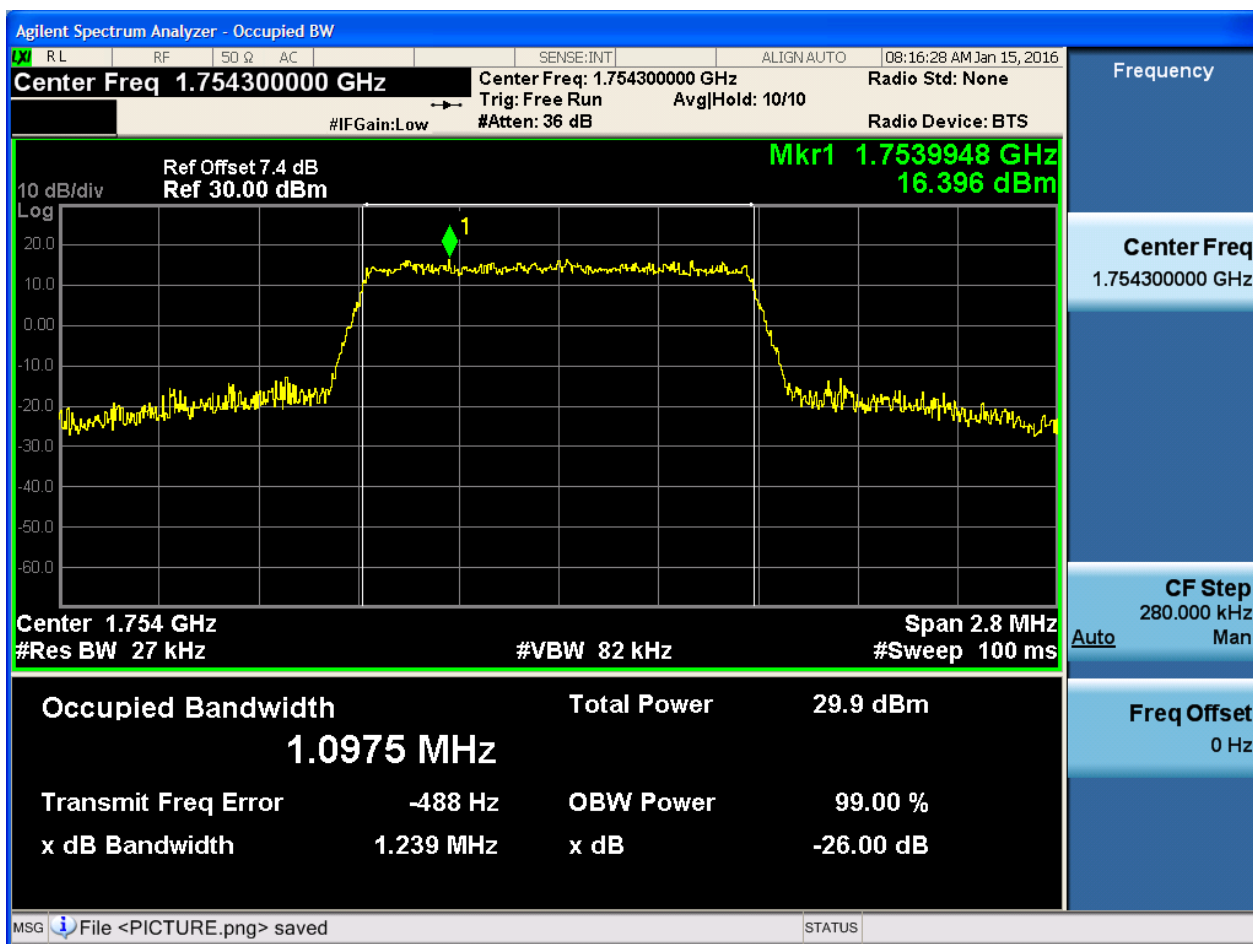
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

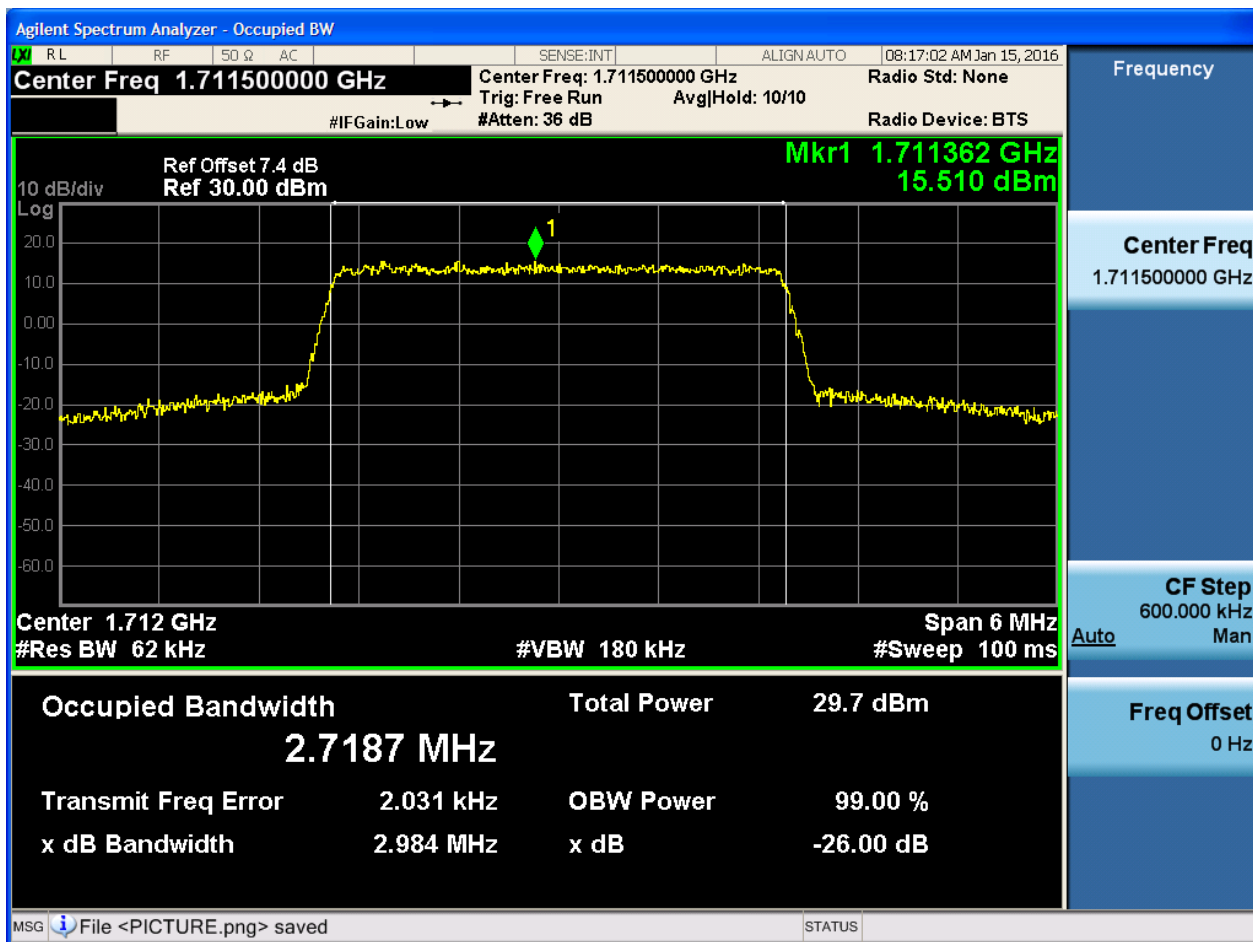




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

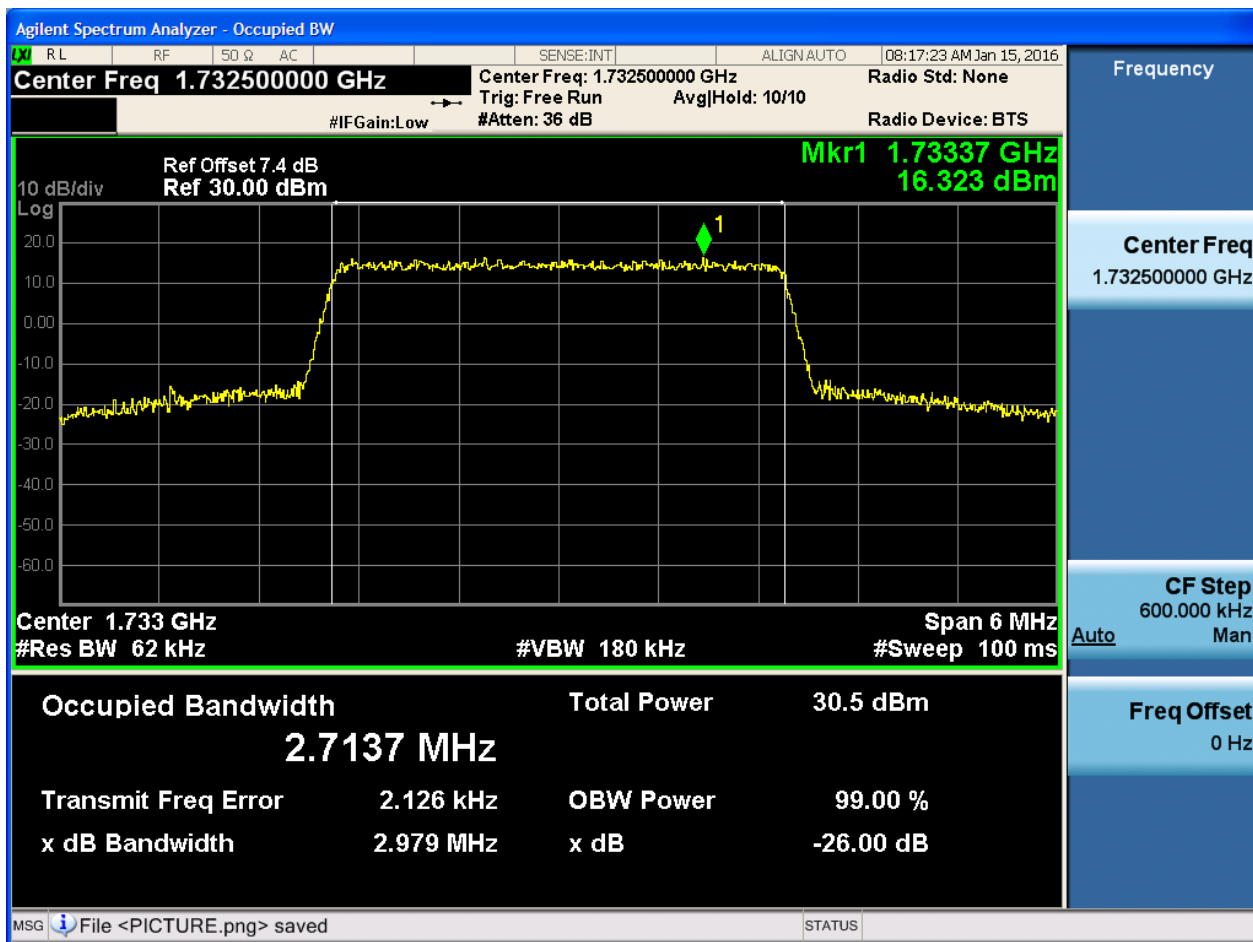
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

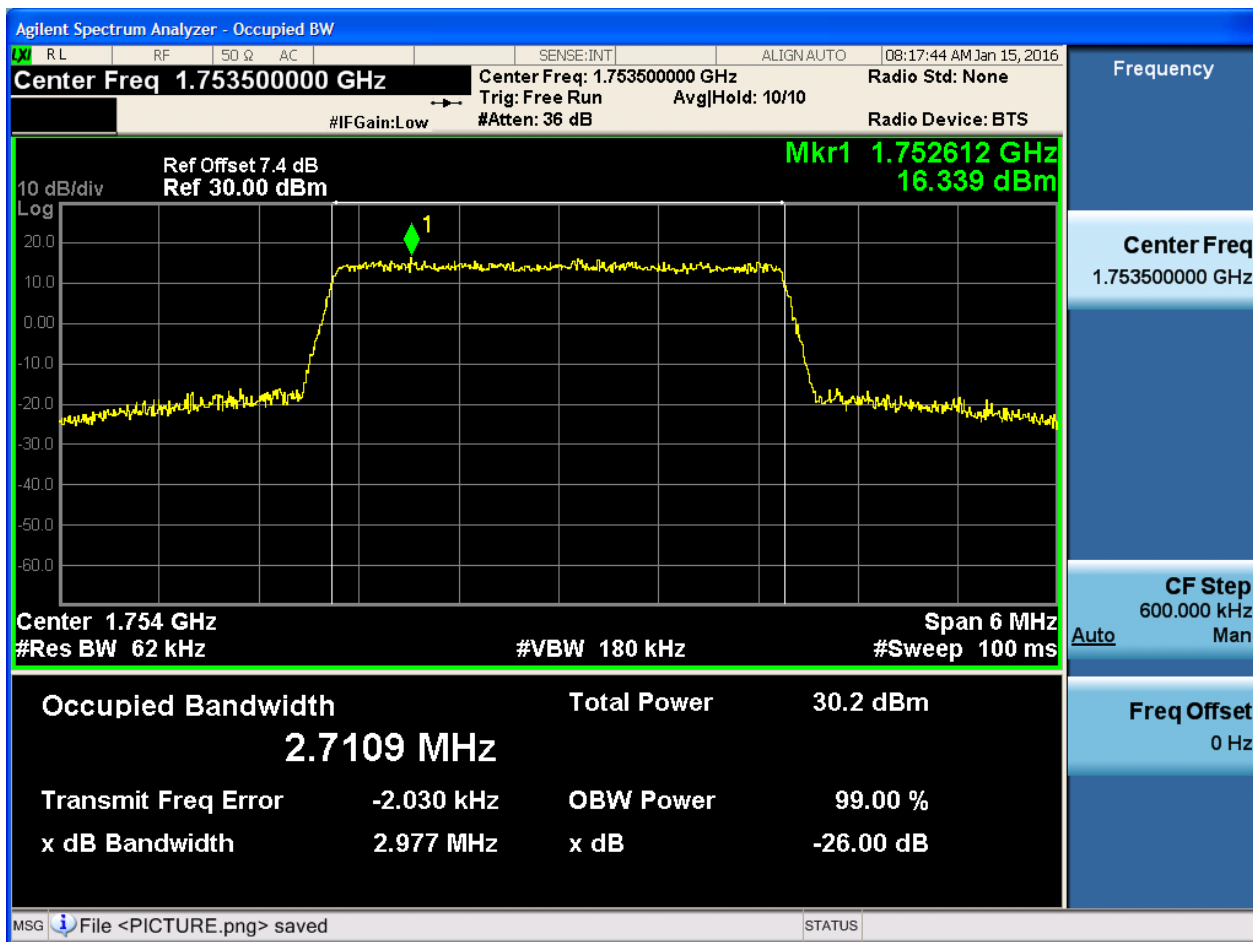
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

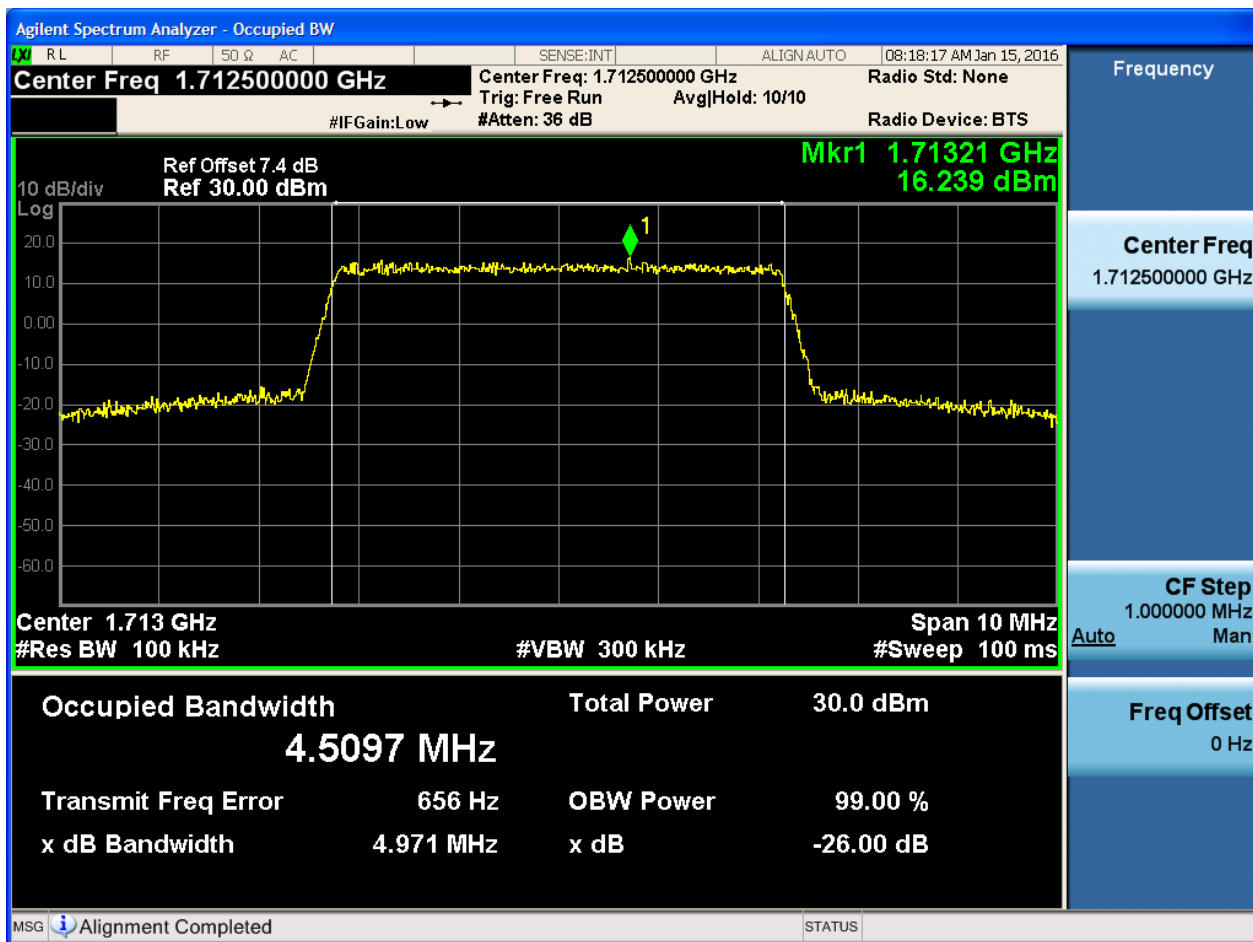




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

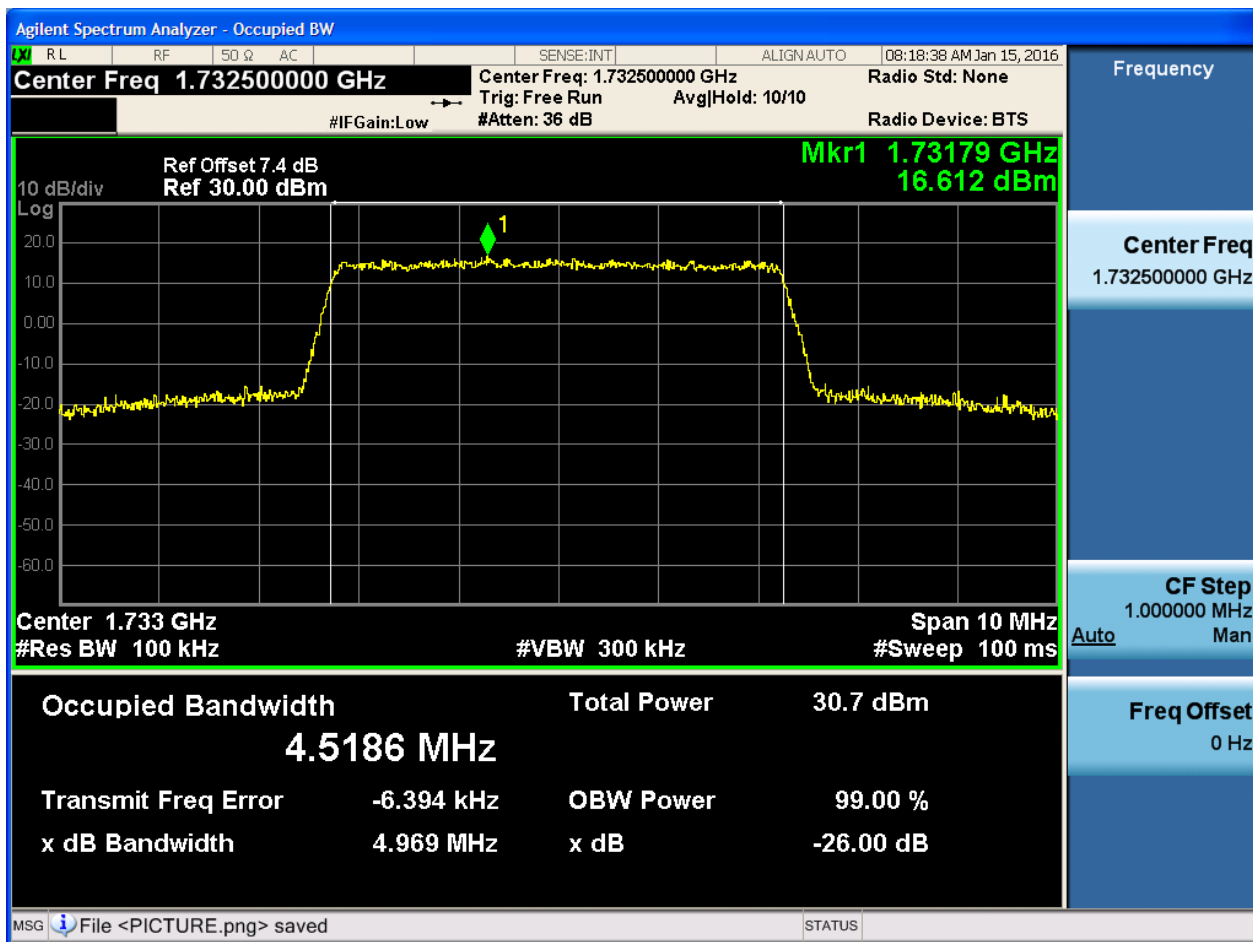
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

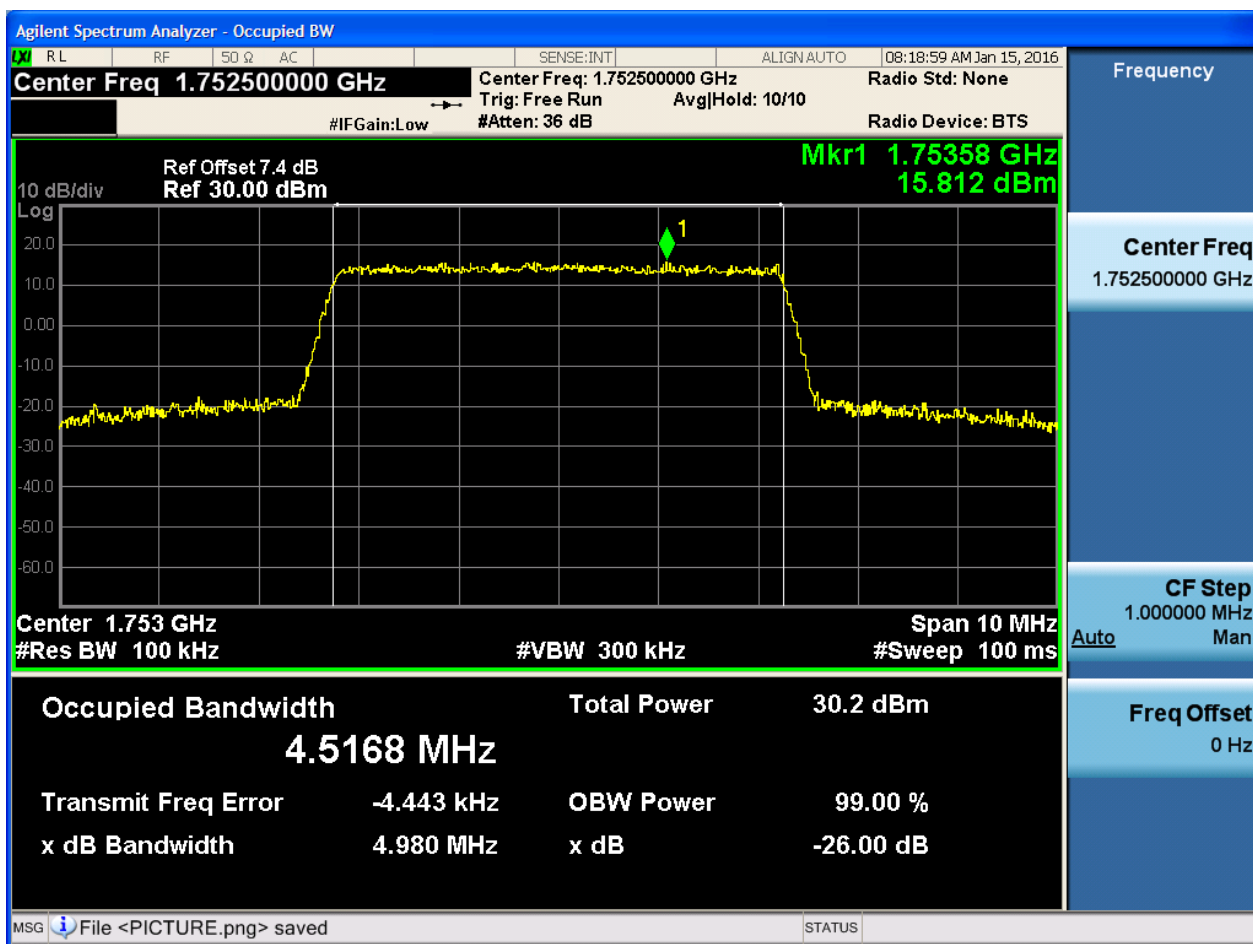
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

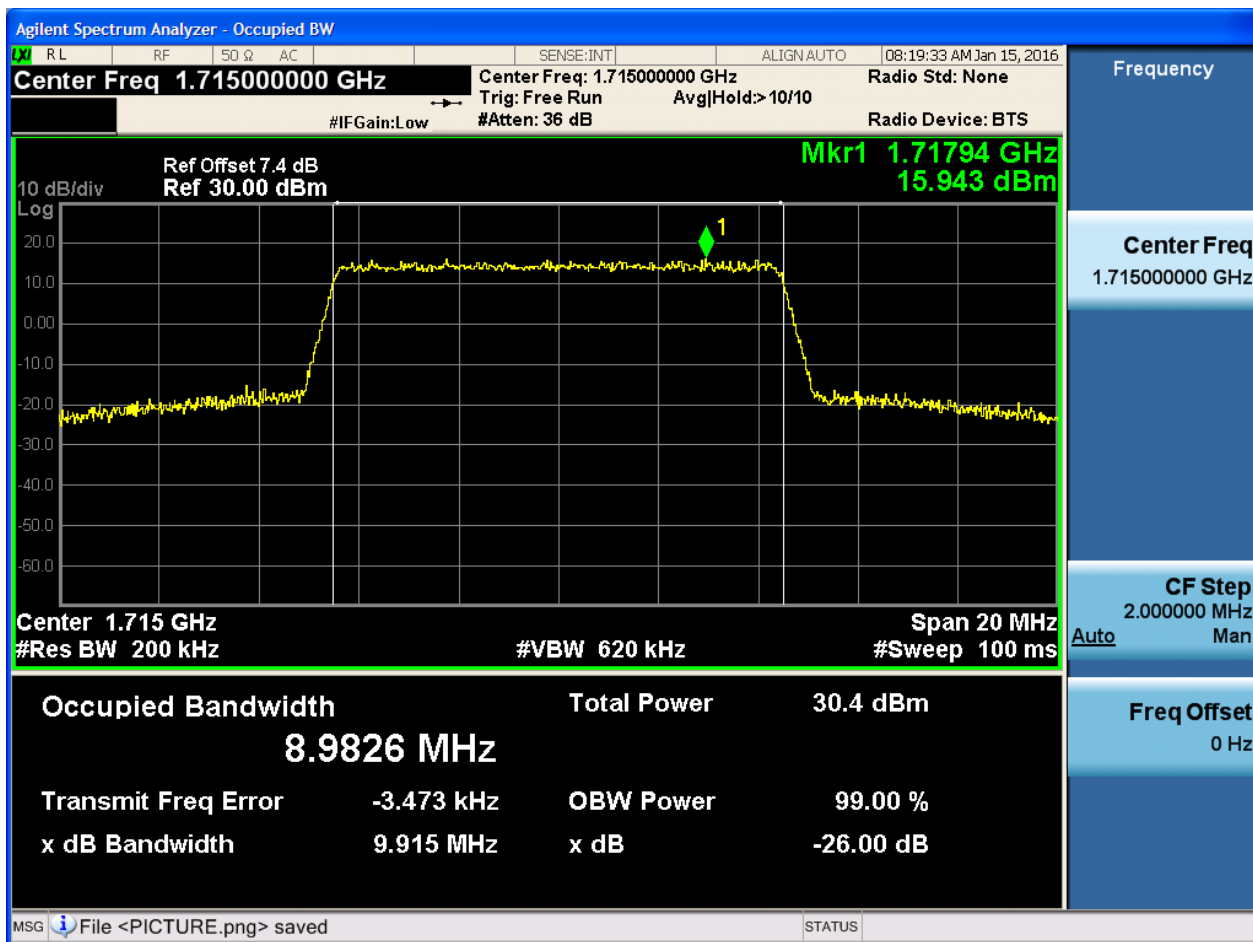




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

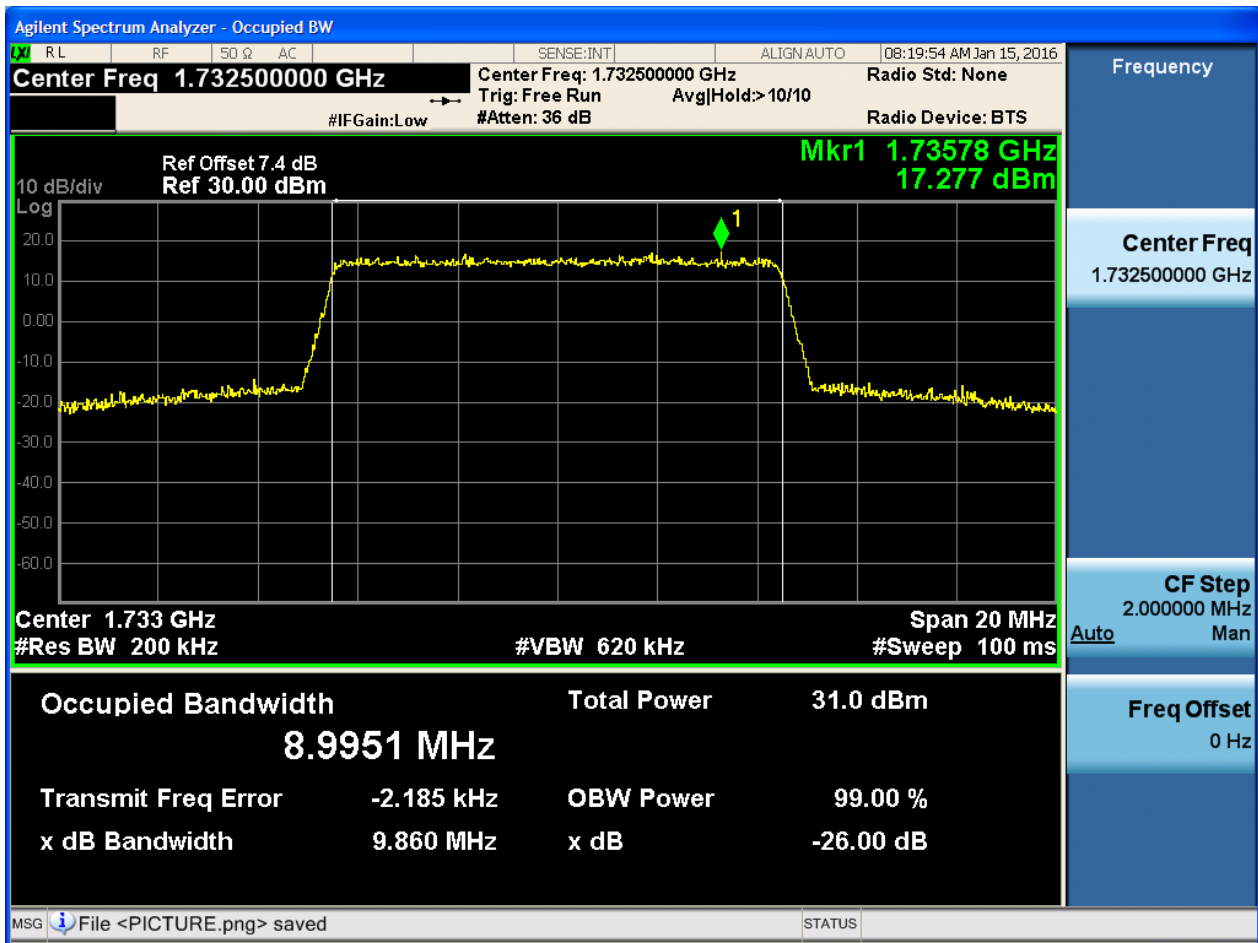
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

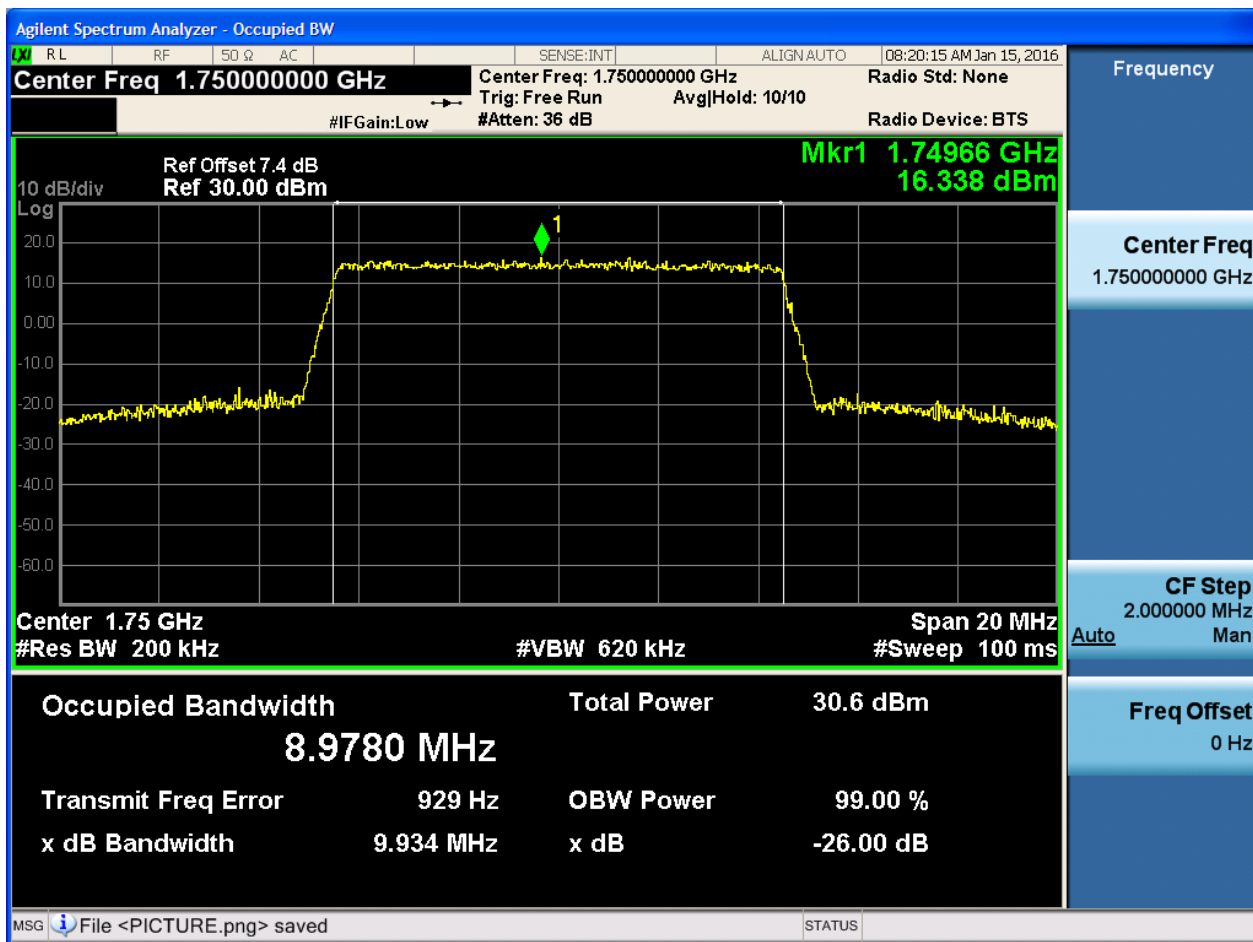
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

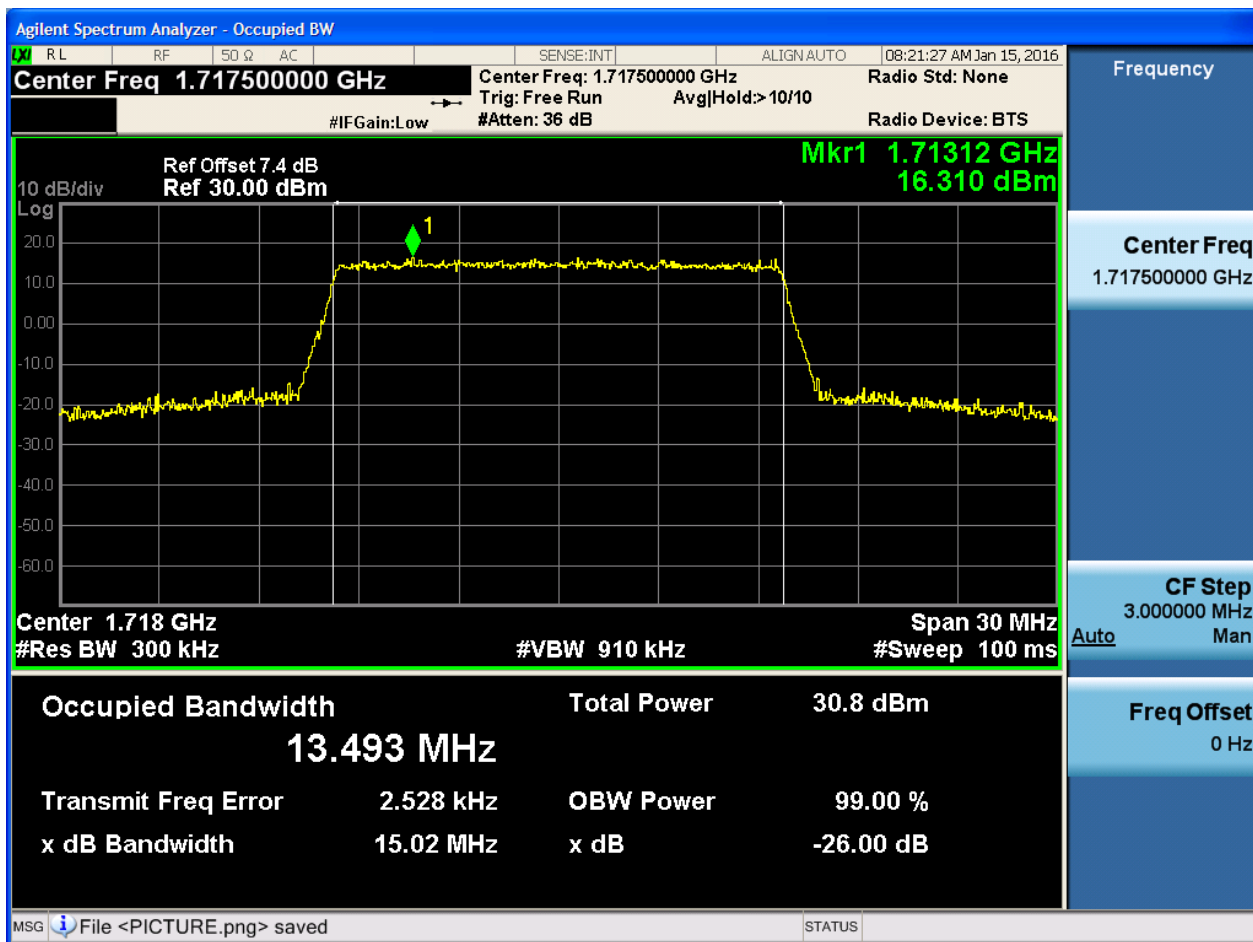




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

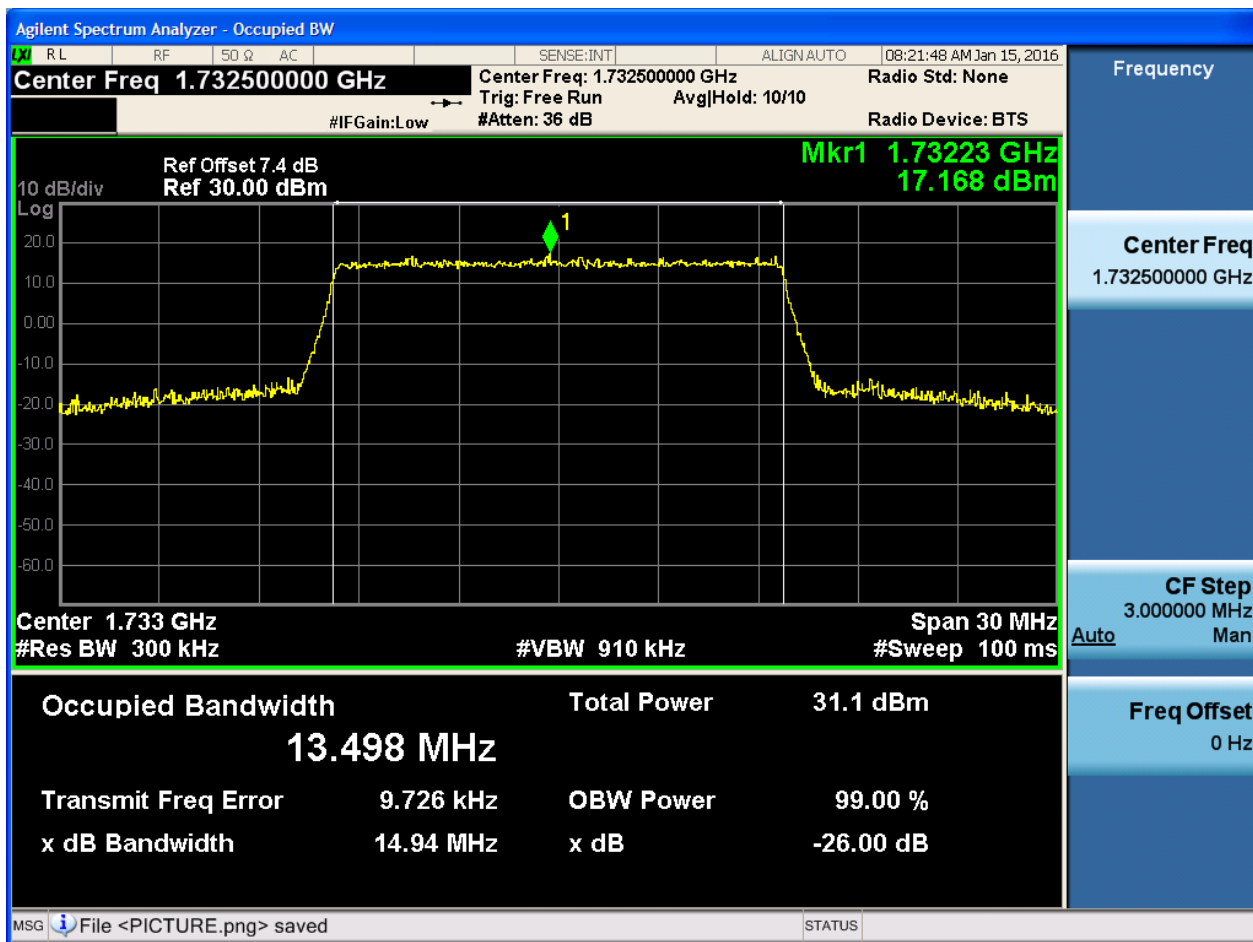
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

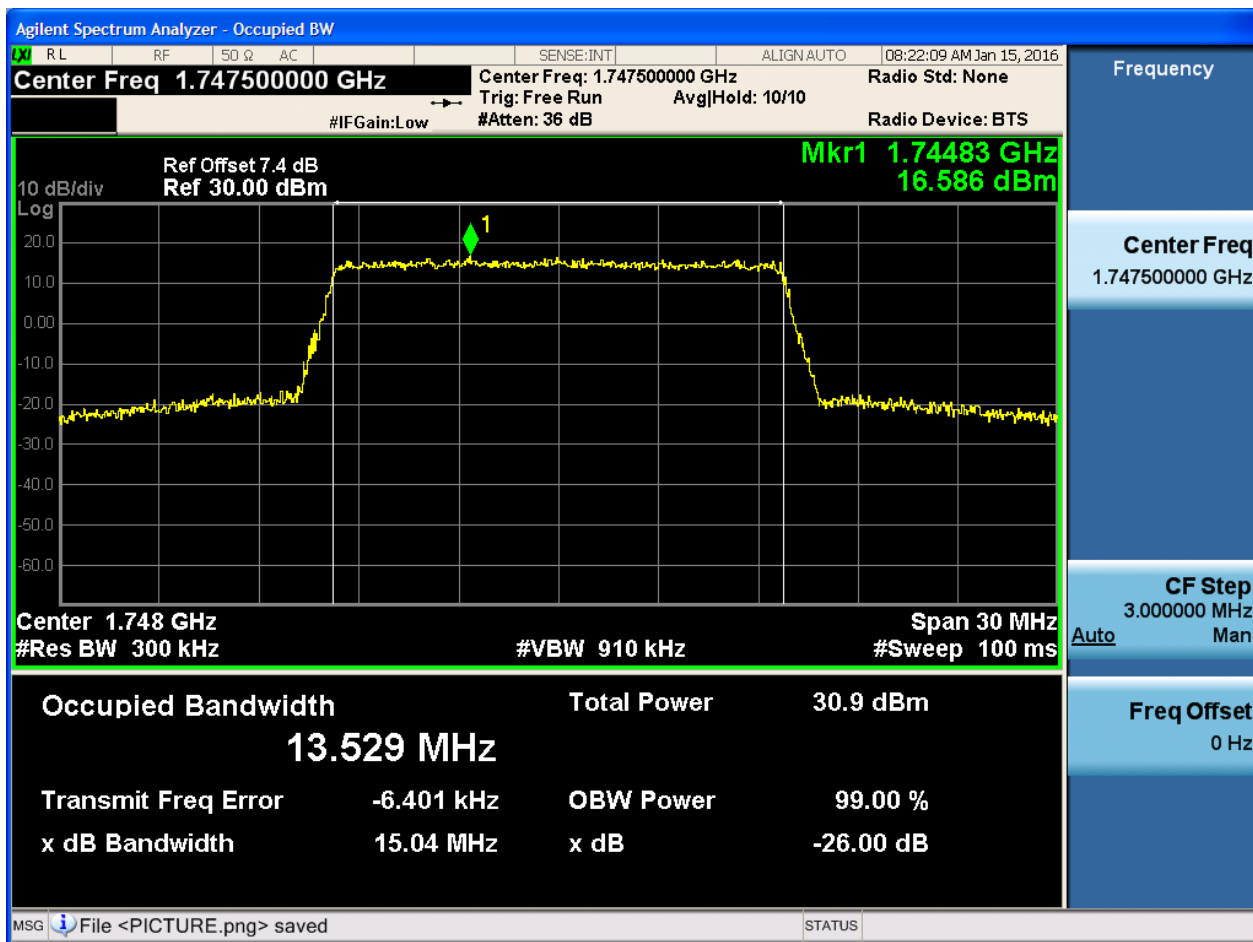
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

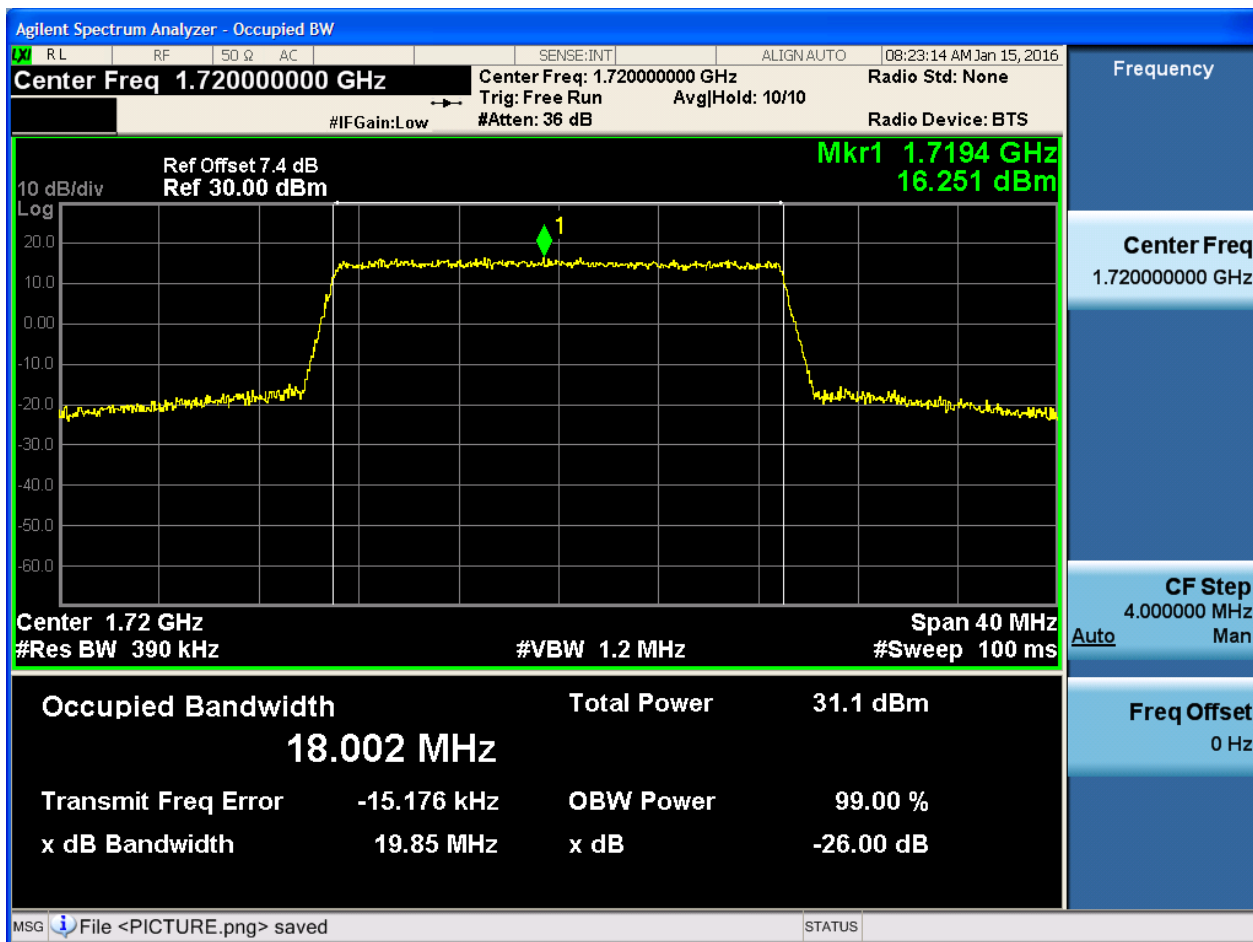




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

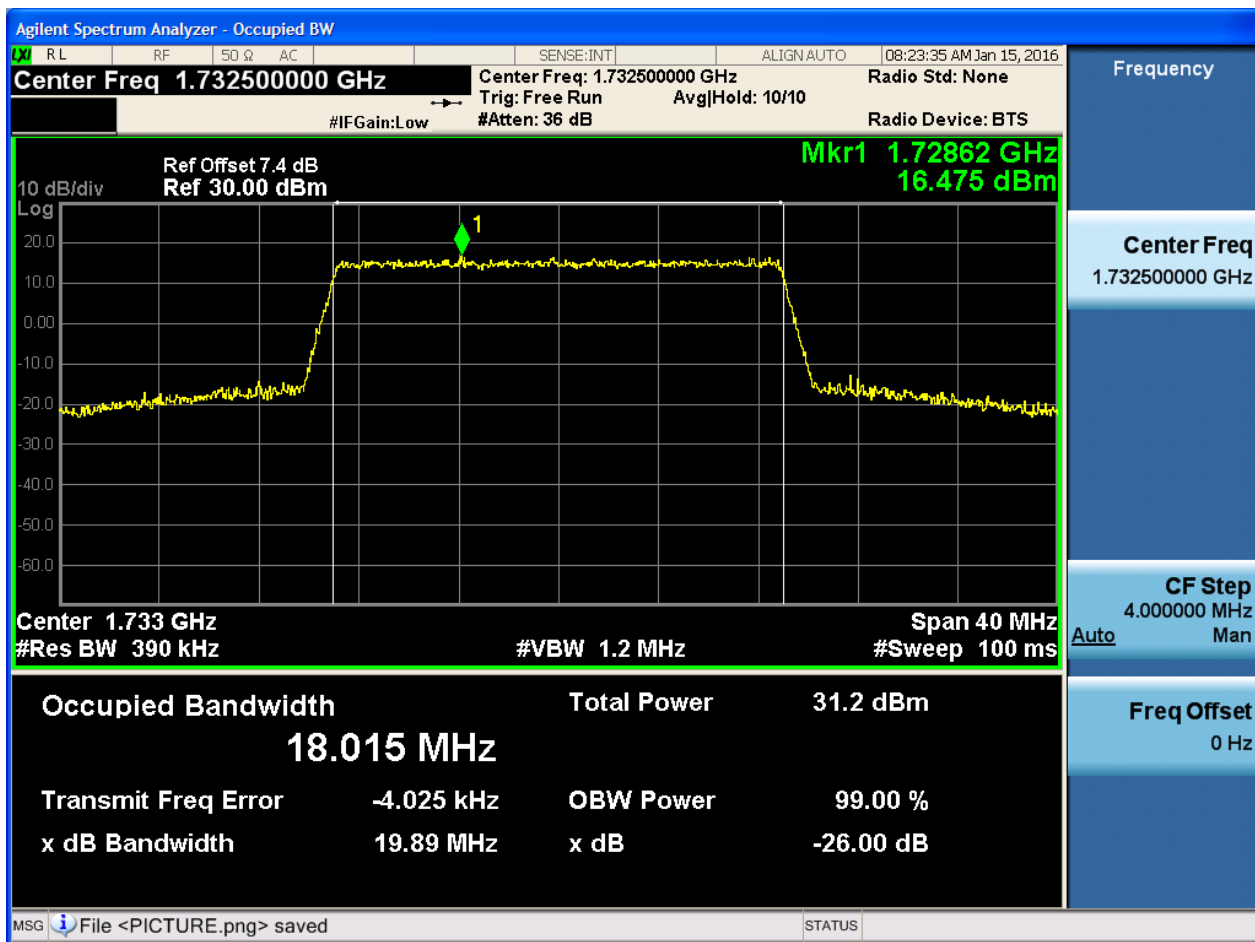
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

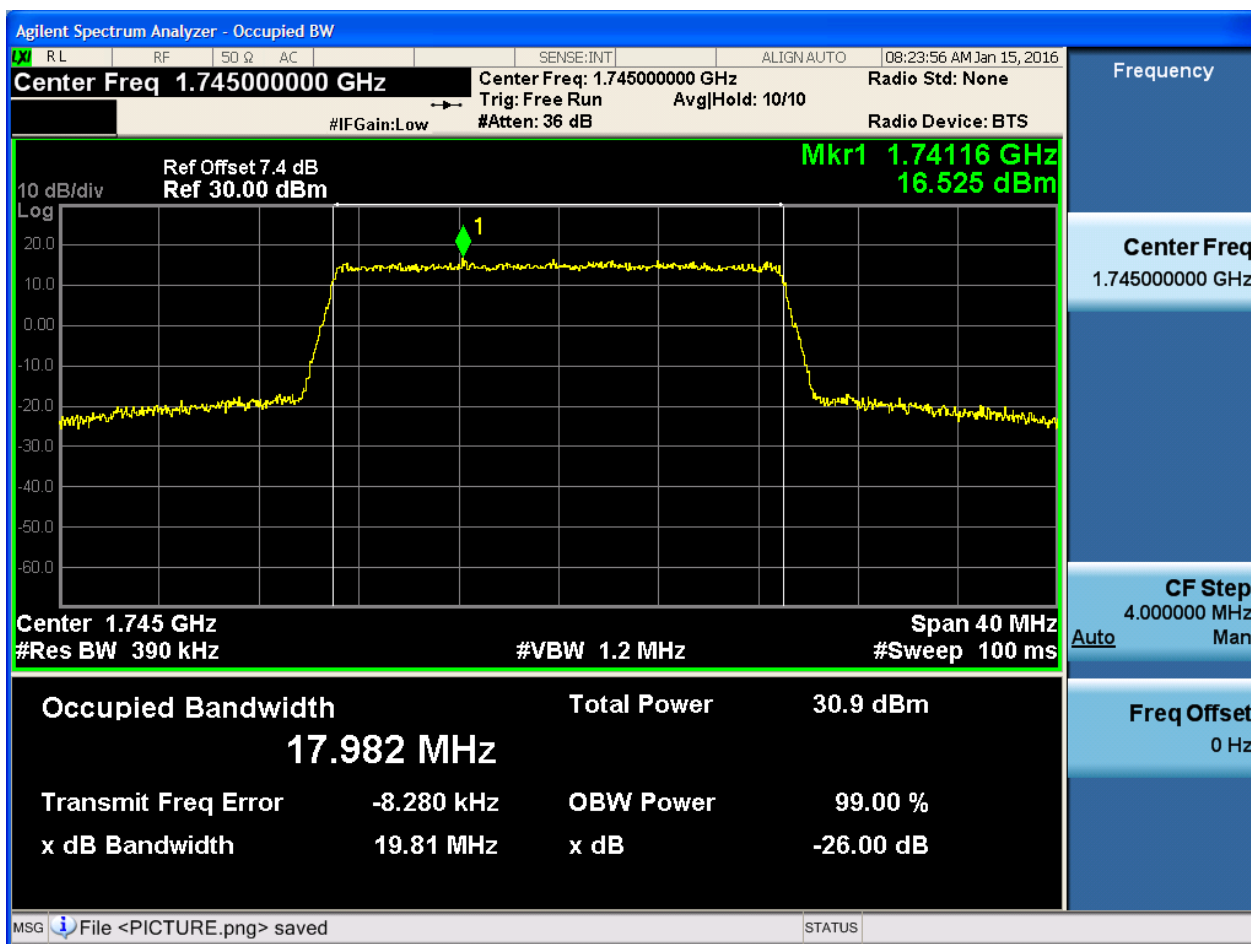
4.1.1.2.6.2.1 Test RB = RB100#0





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

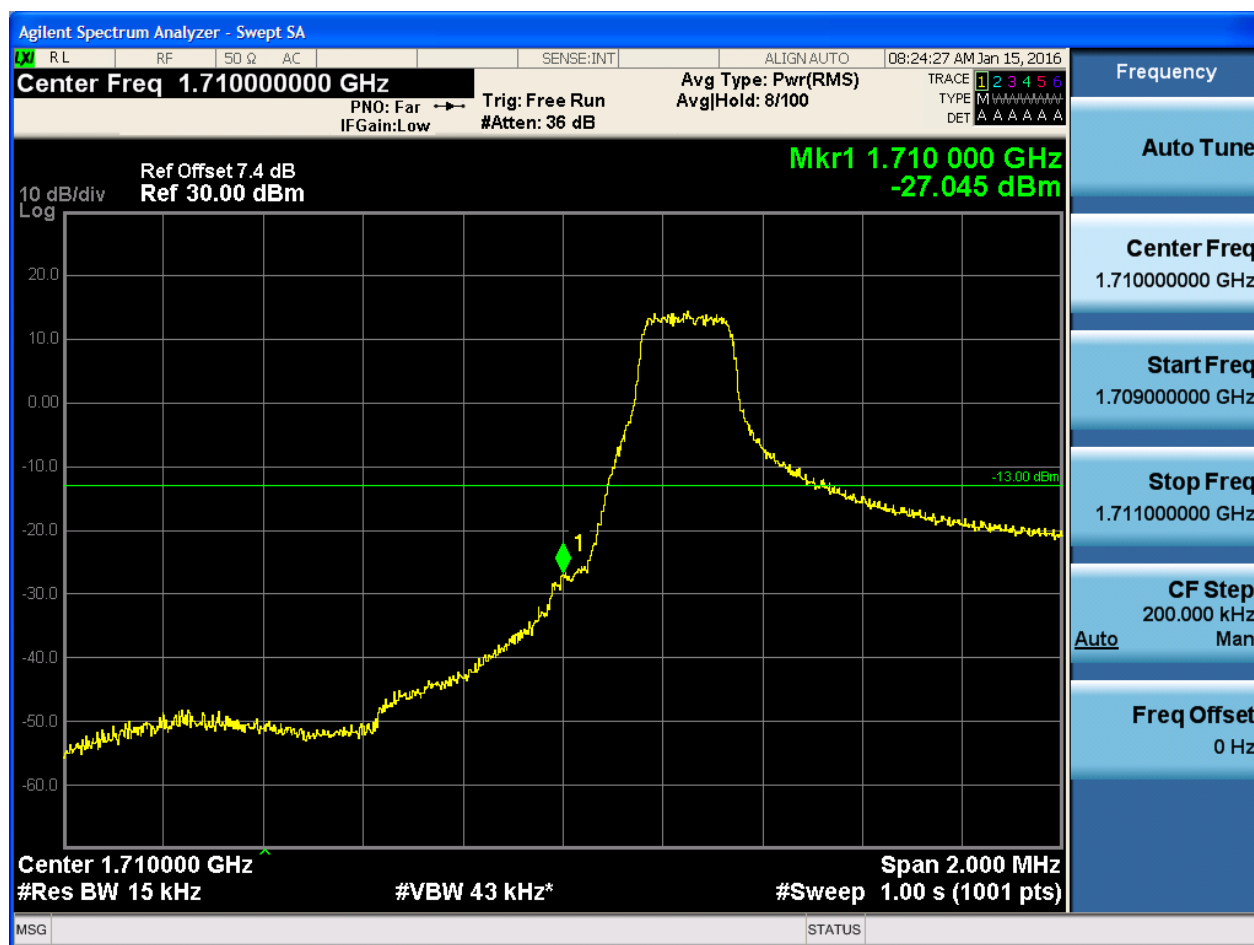
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

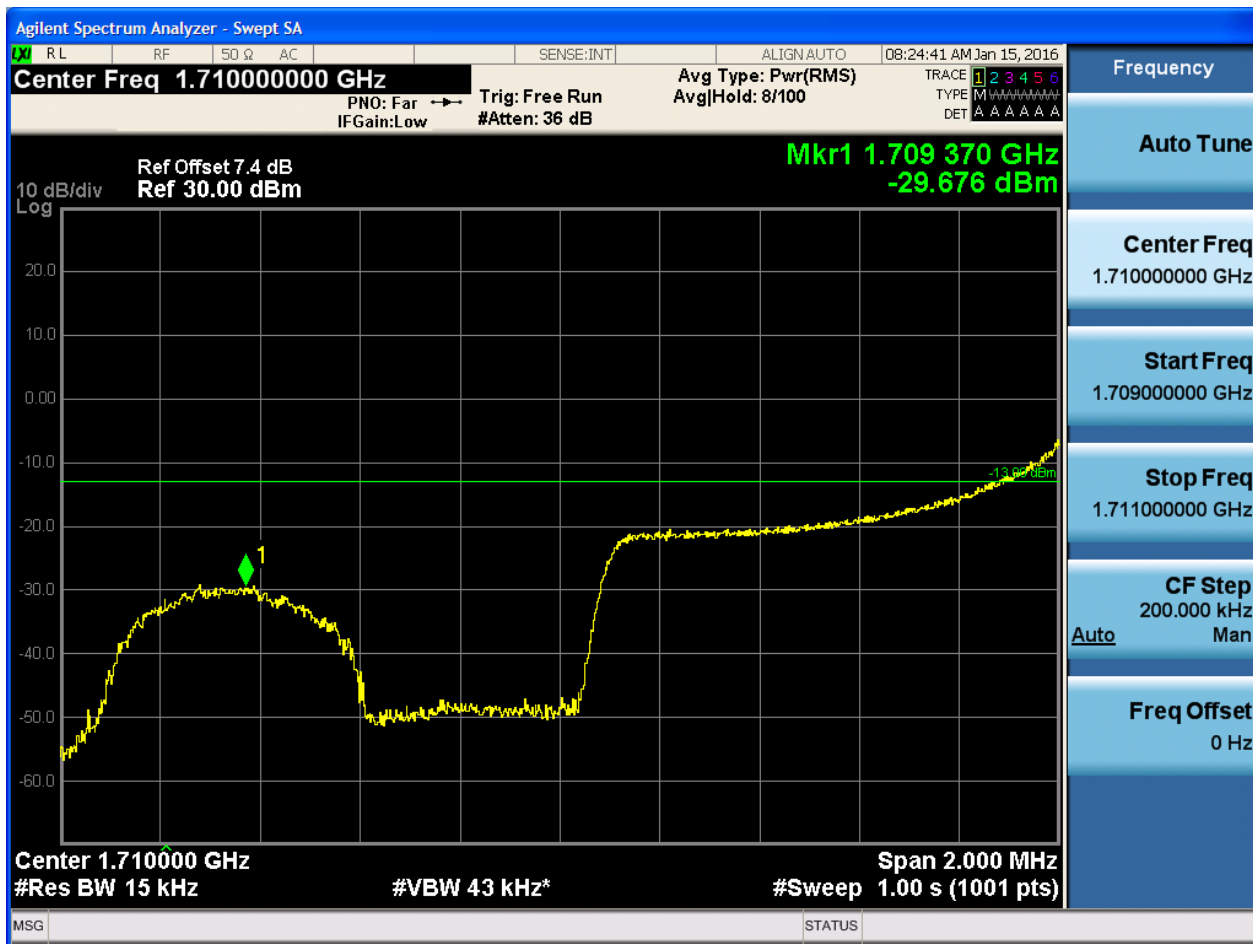
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



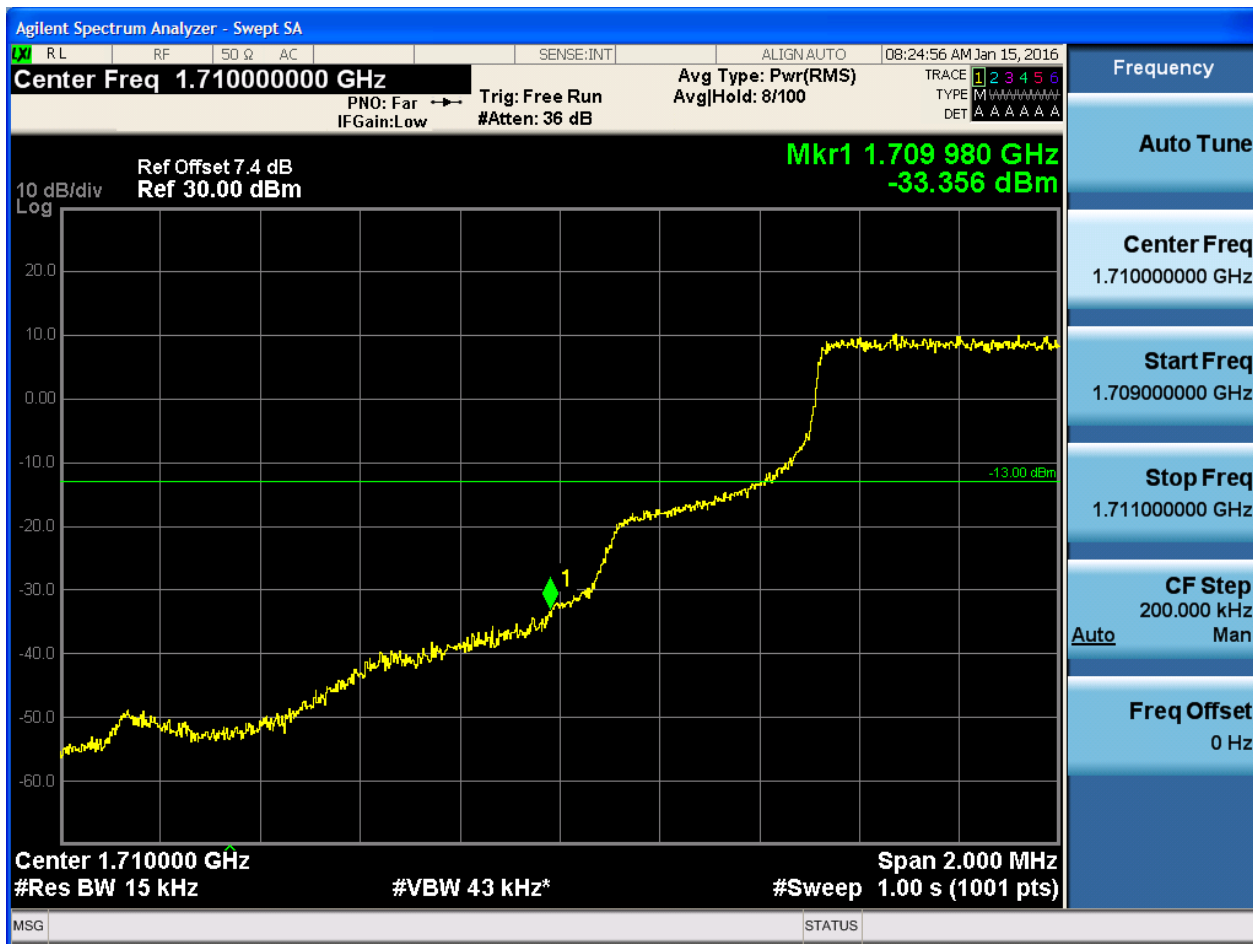


5.1.1.1.1.2 Test RB = RB1#5



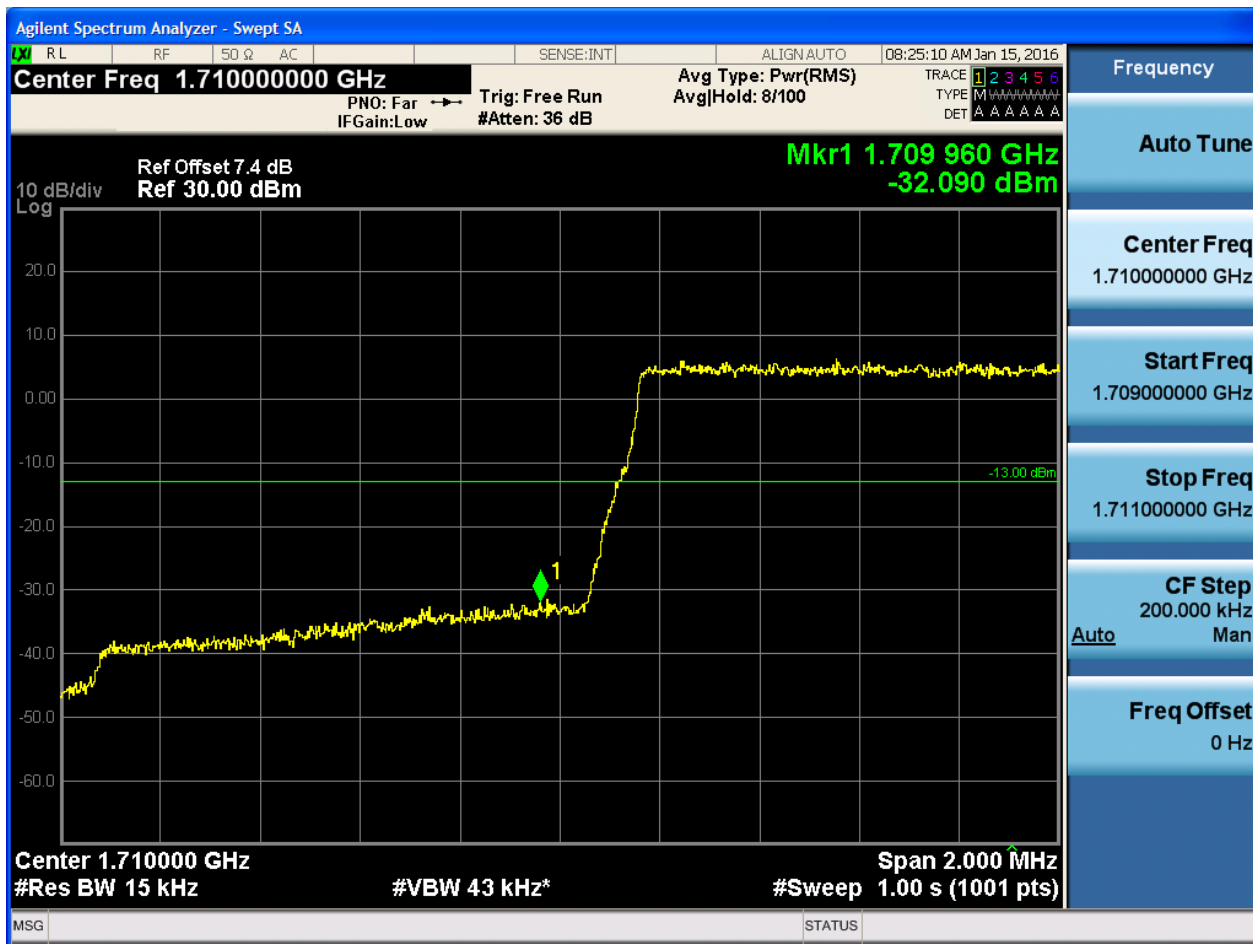


5.1.1.1.1.3 Test RB = RB3#2



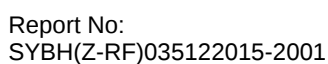


5.1.1.1.1.4 Test RB = RB6#0



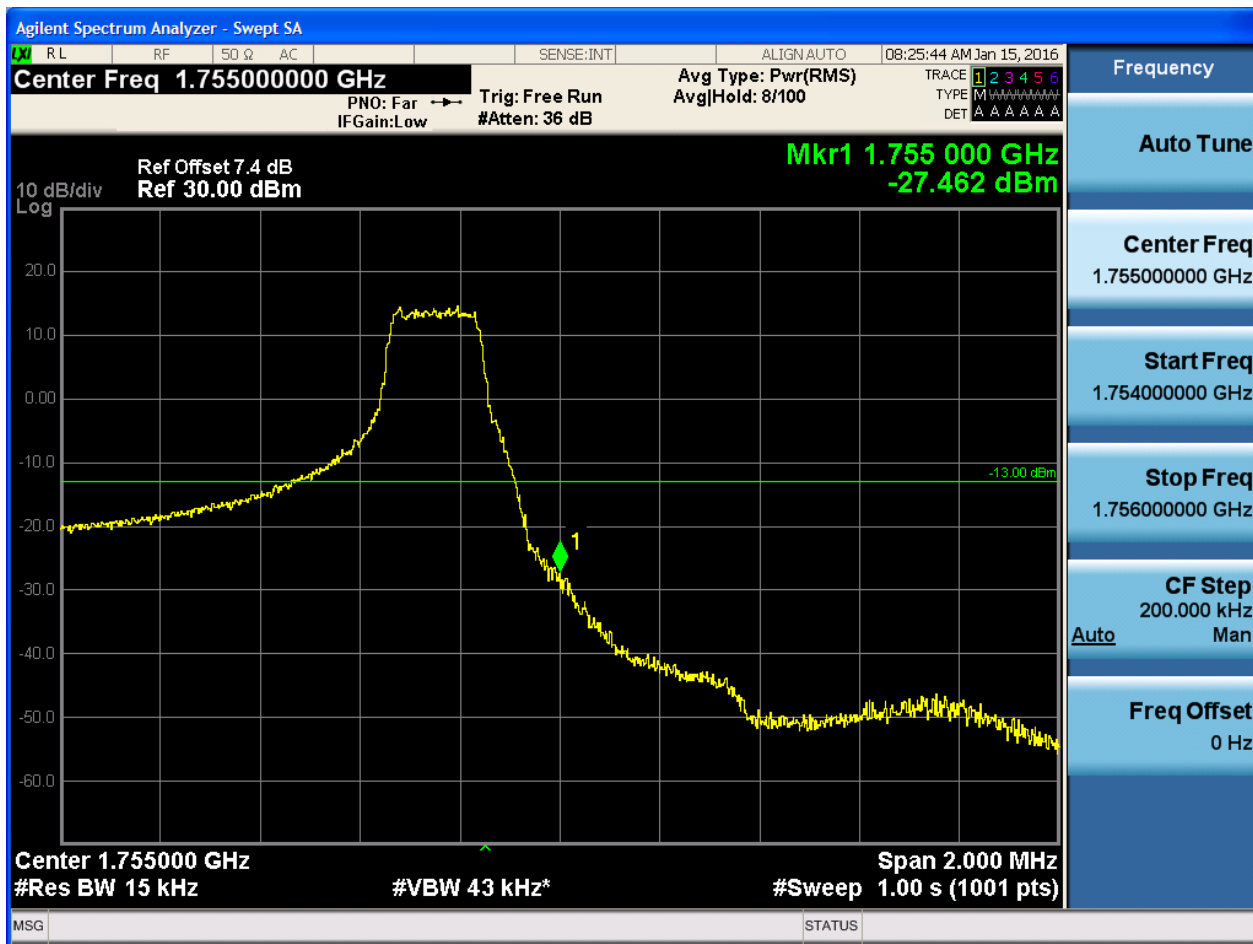


5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





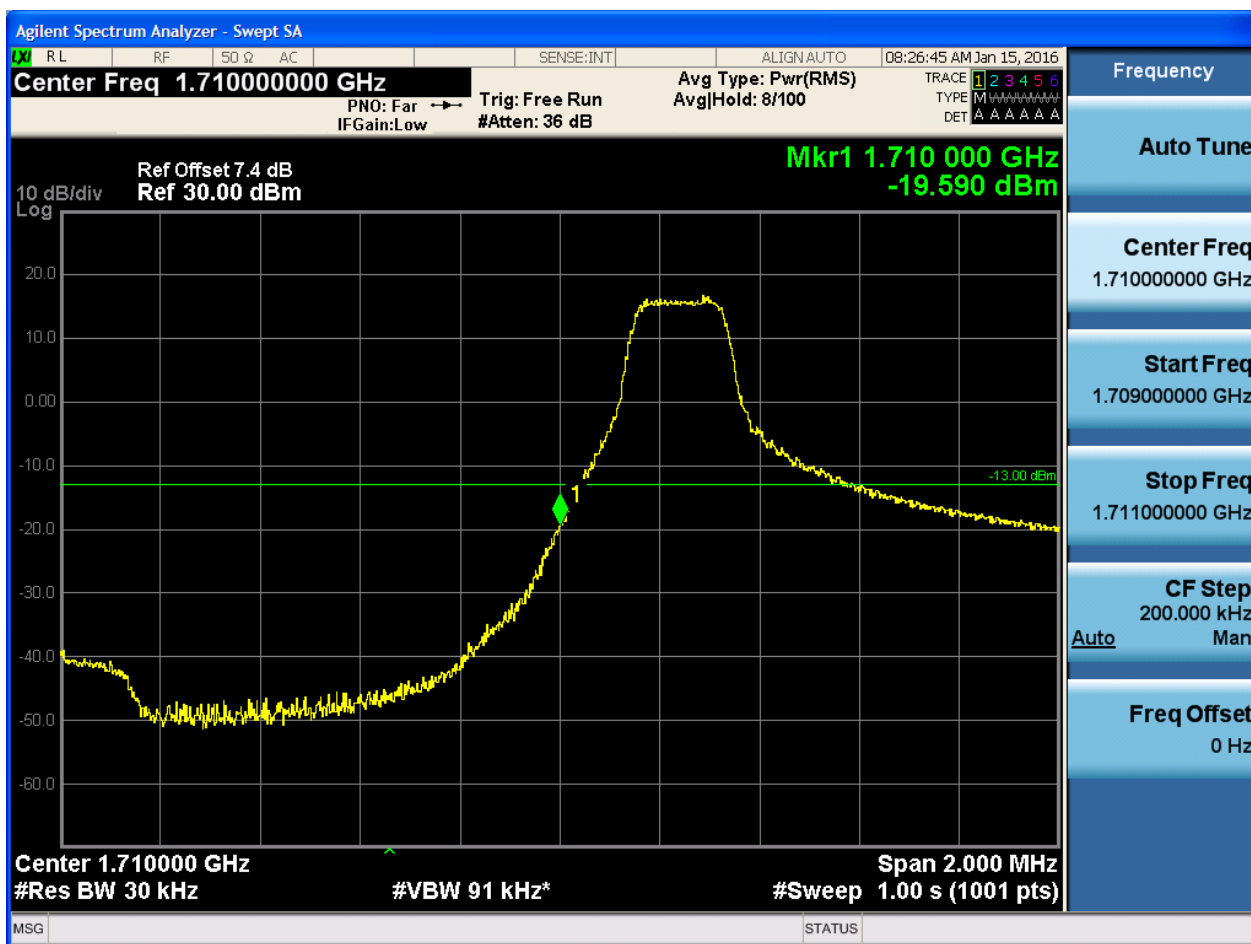
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

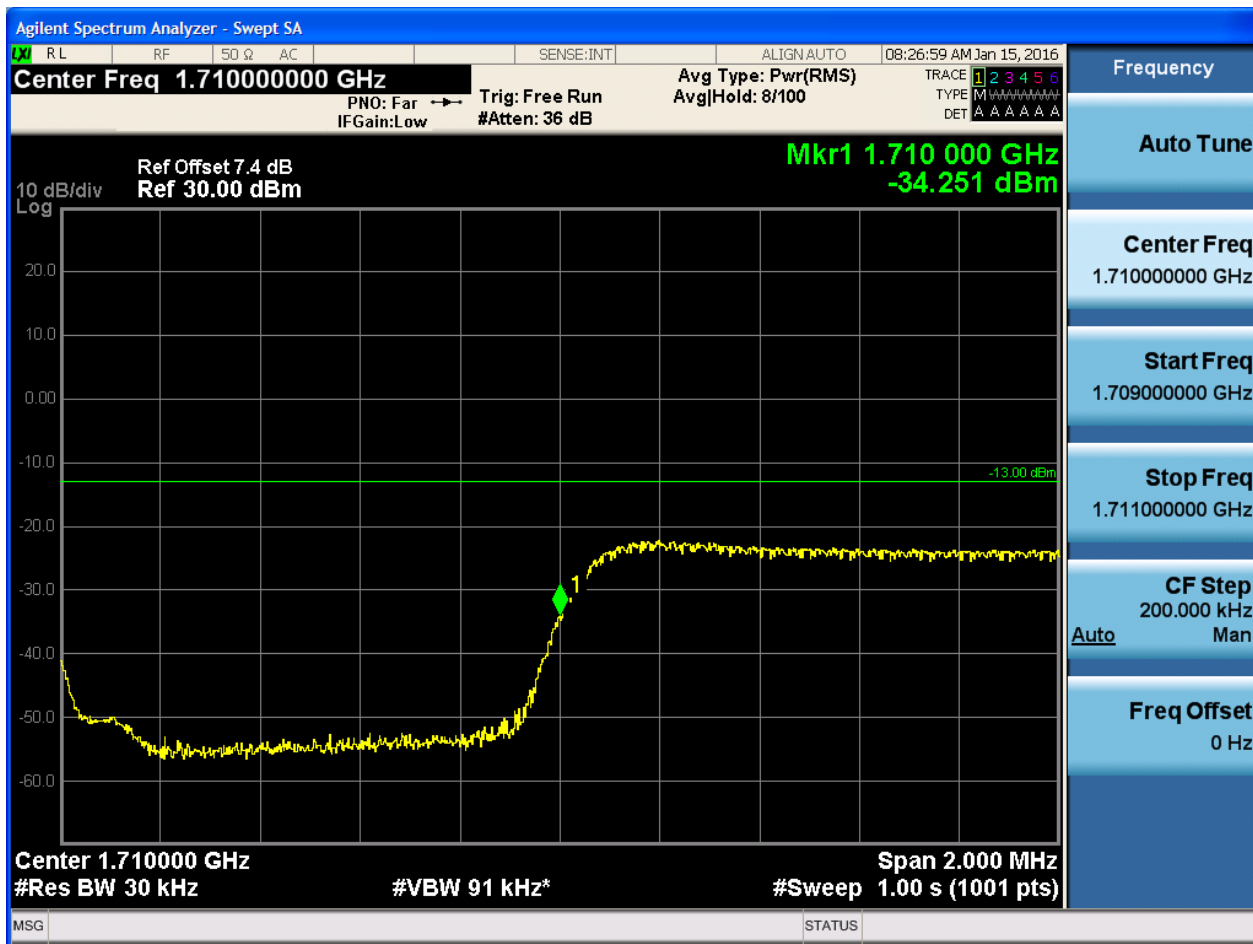
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



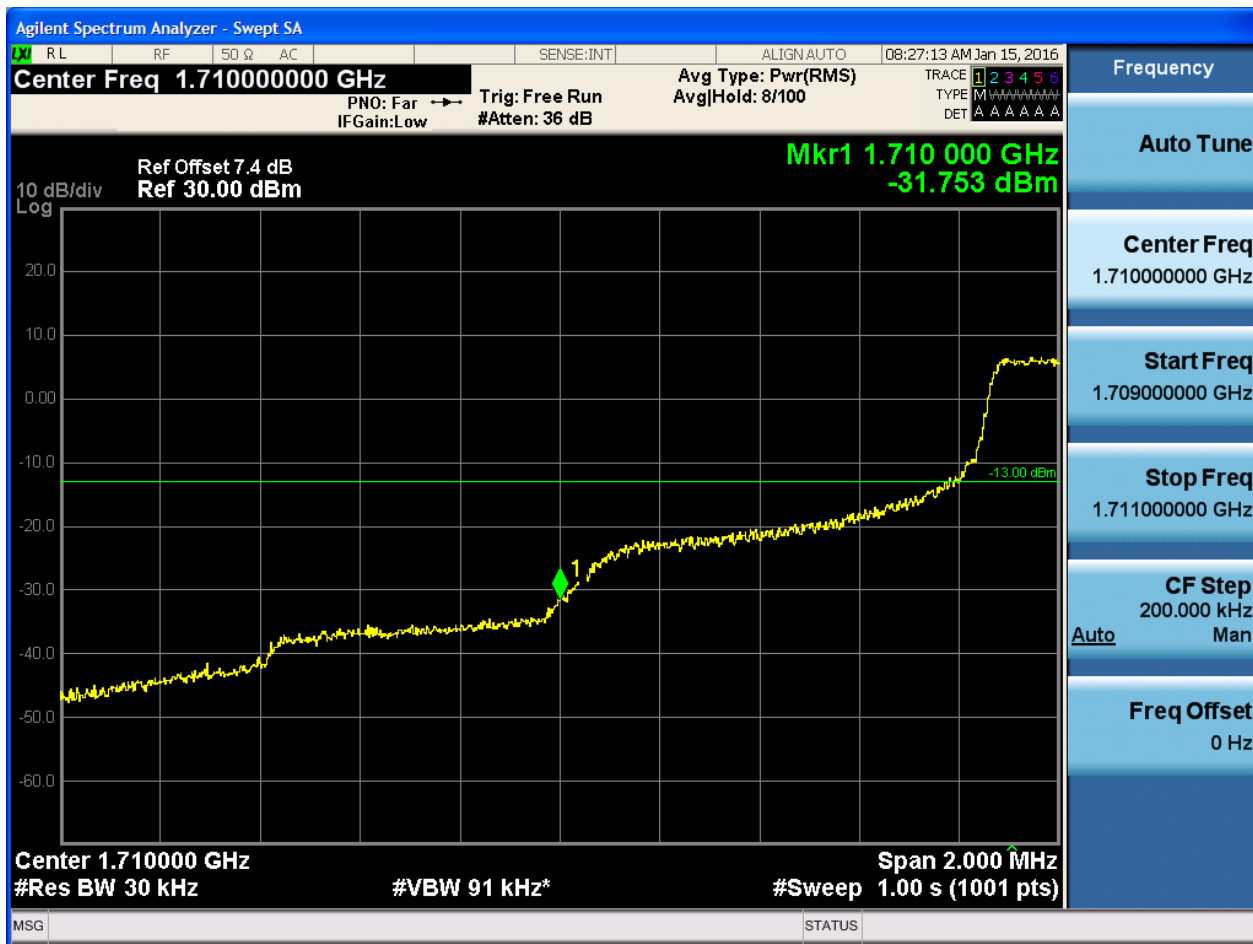


5.1.1.1.2.1.2 Test RB = RB1#14



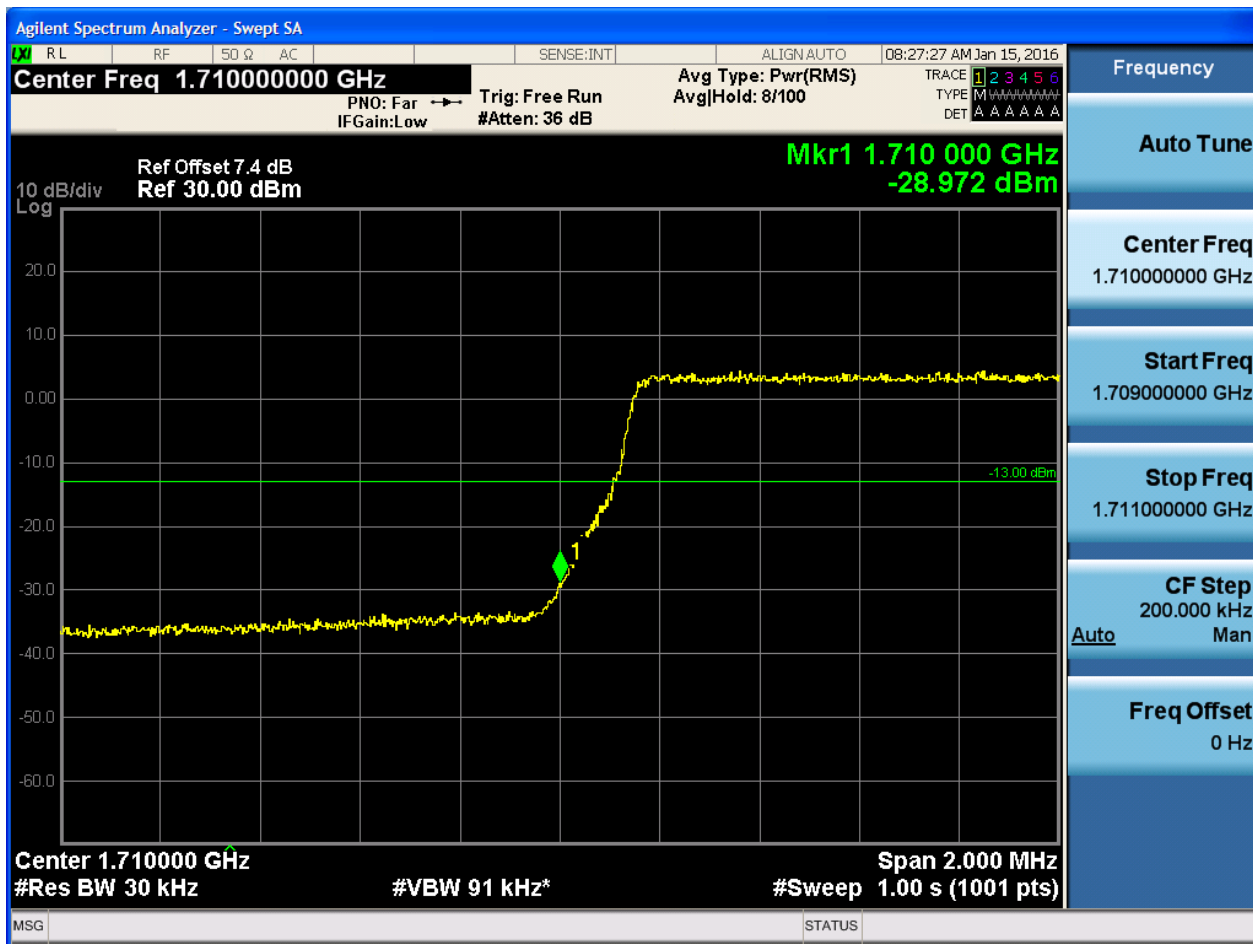


5.1.1.1.2.1.3 Test RB = RB8#4





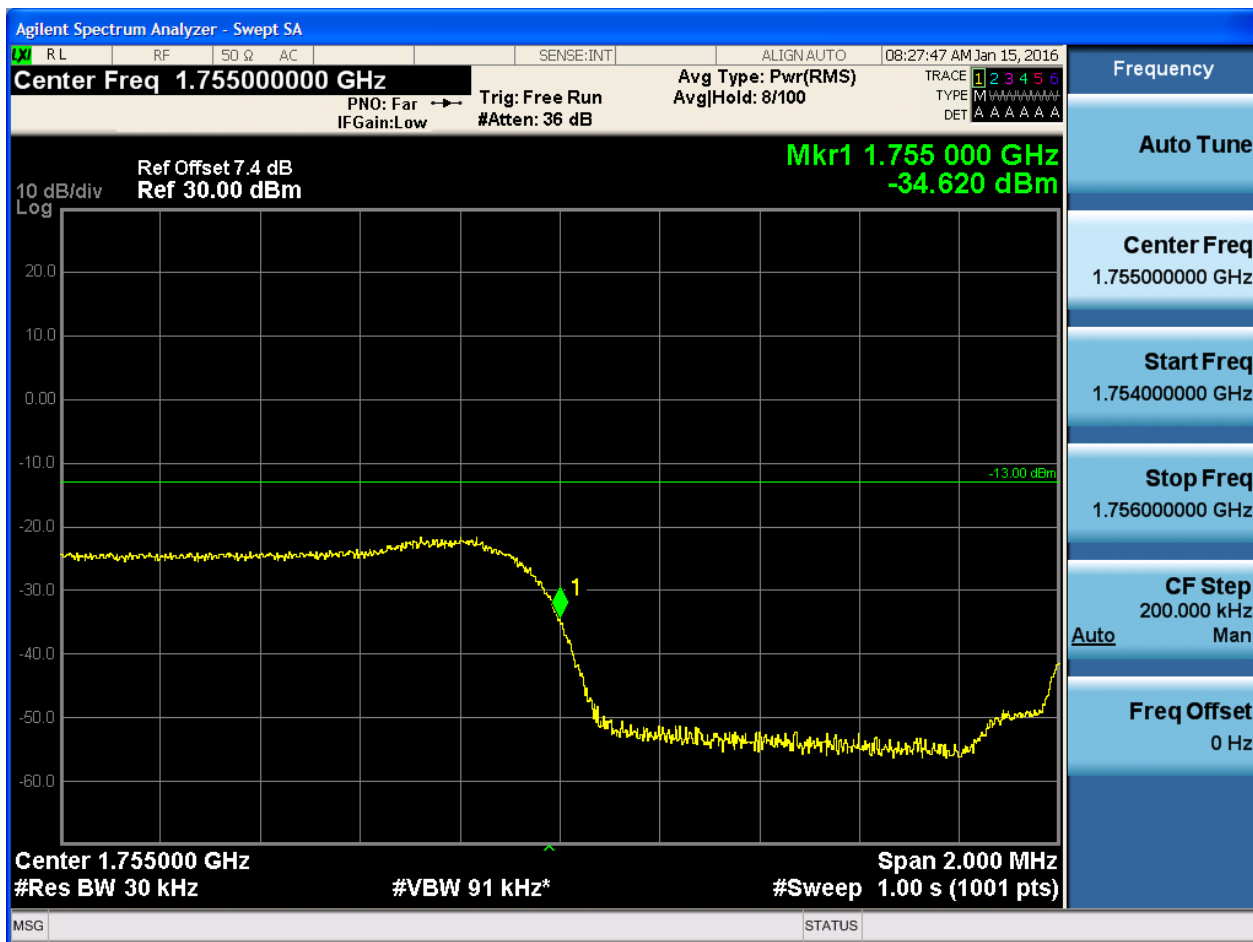
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7.4 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-18.637 dBm

10 dB/div
Log

Center 1.755000 GHz
#Res BW 30 kHz
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7.4 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 000 GHz
-30.707 dBm

Center 1.755000 GHz
#Res BW 30 kHz
#VBW 91 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

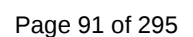


5.1.1.1.2.2.4 Test RB = RB15#0



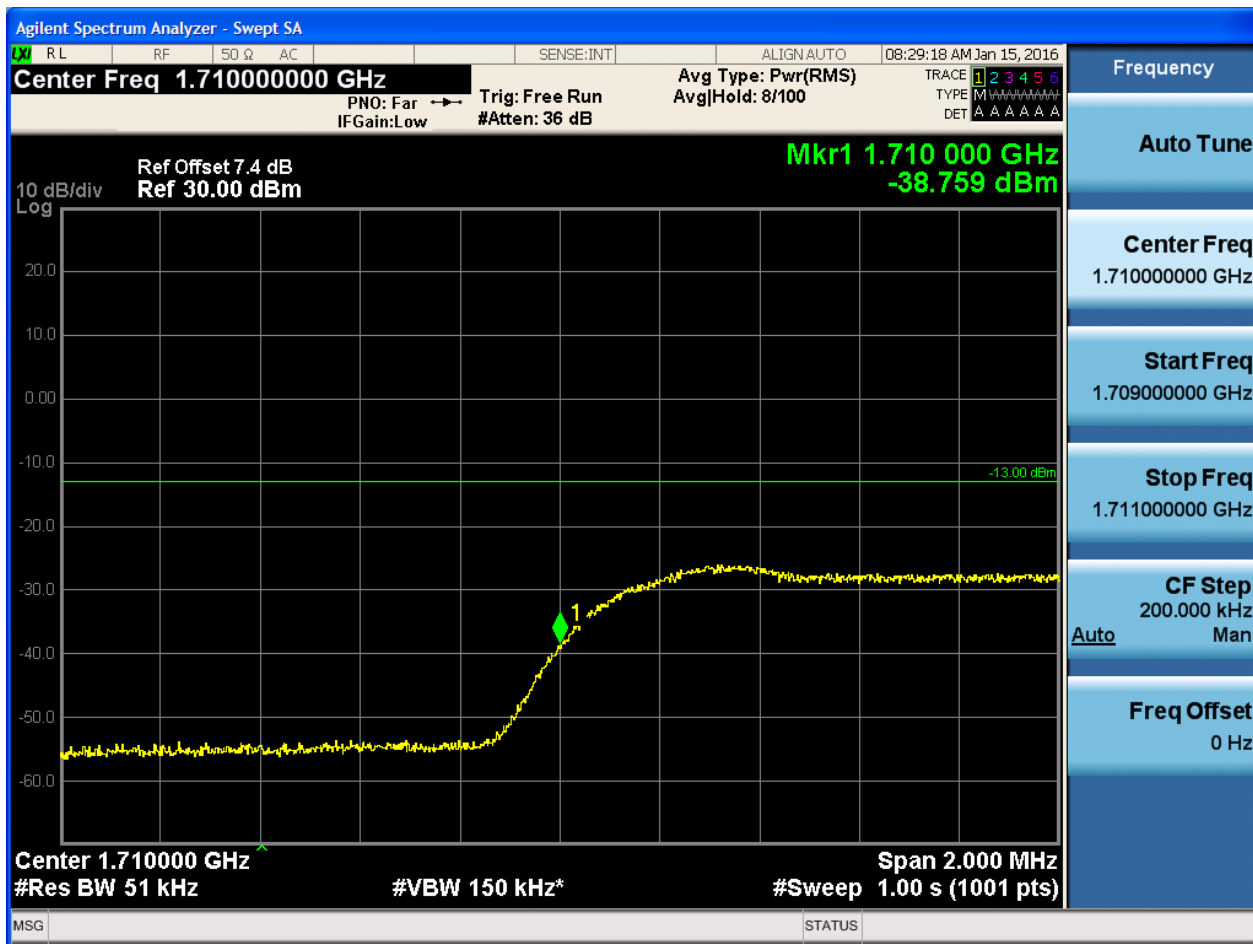


5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



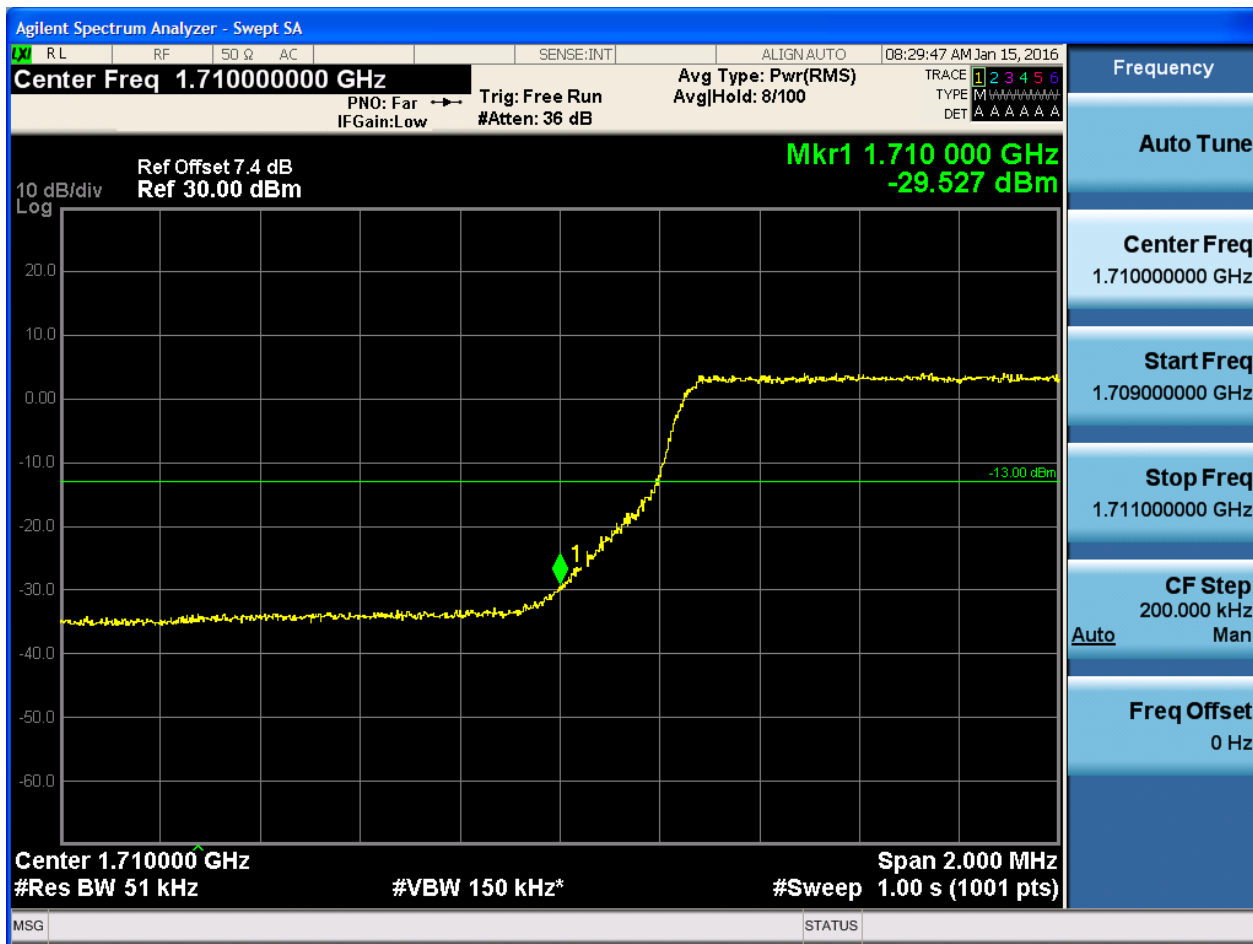


5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





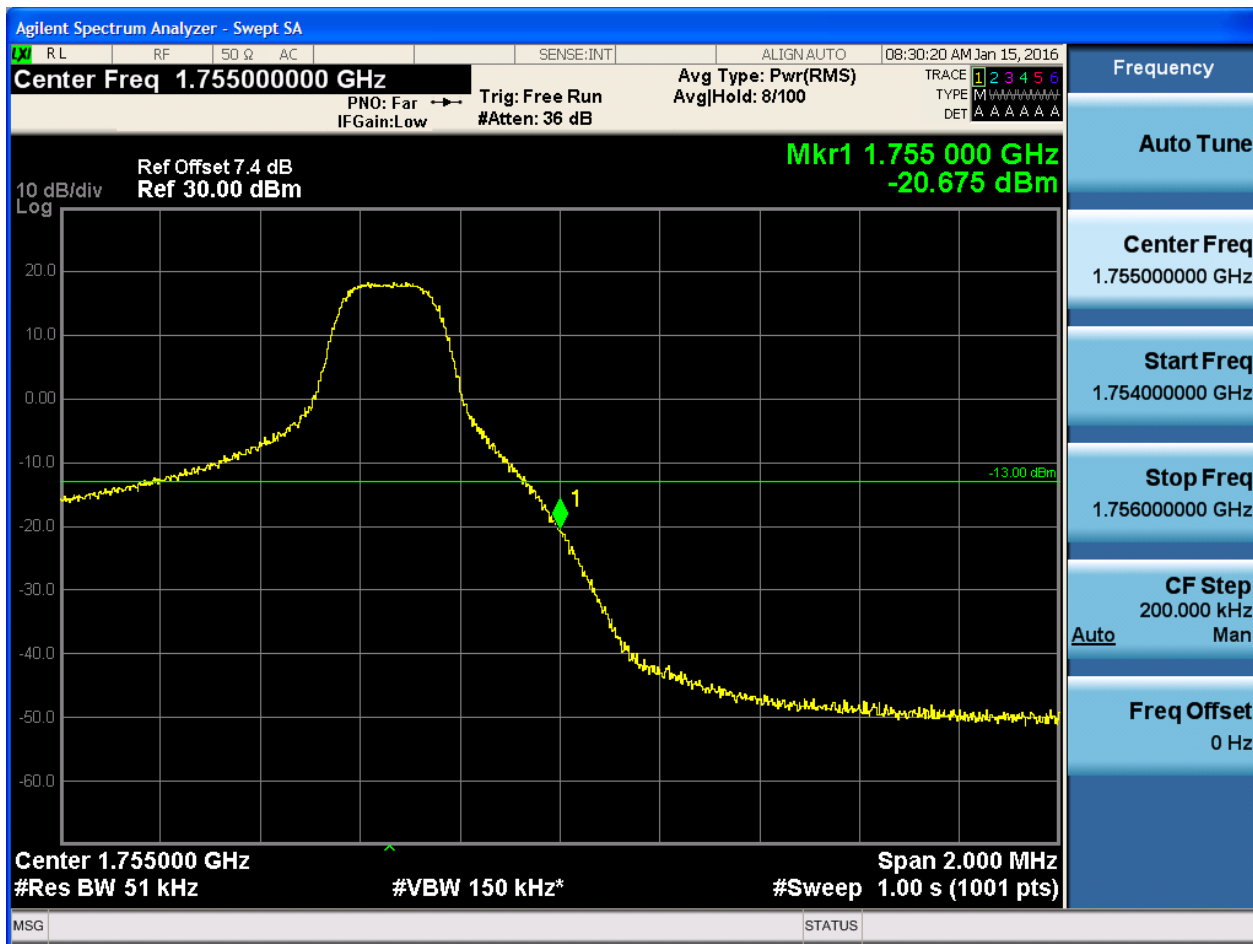
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





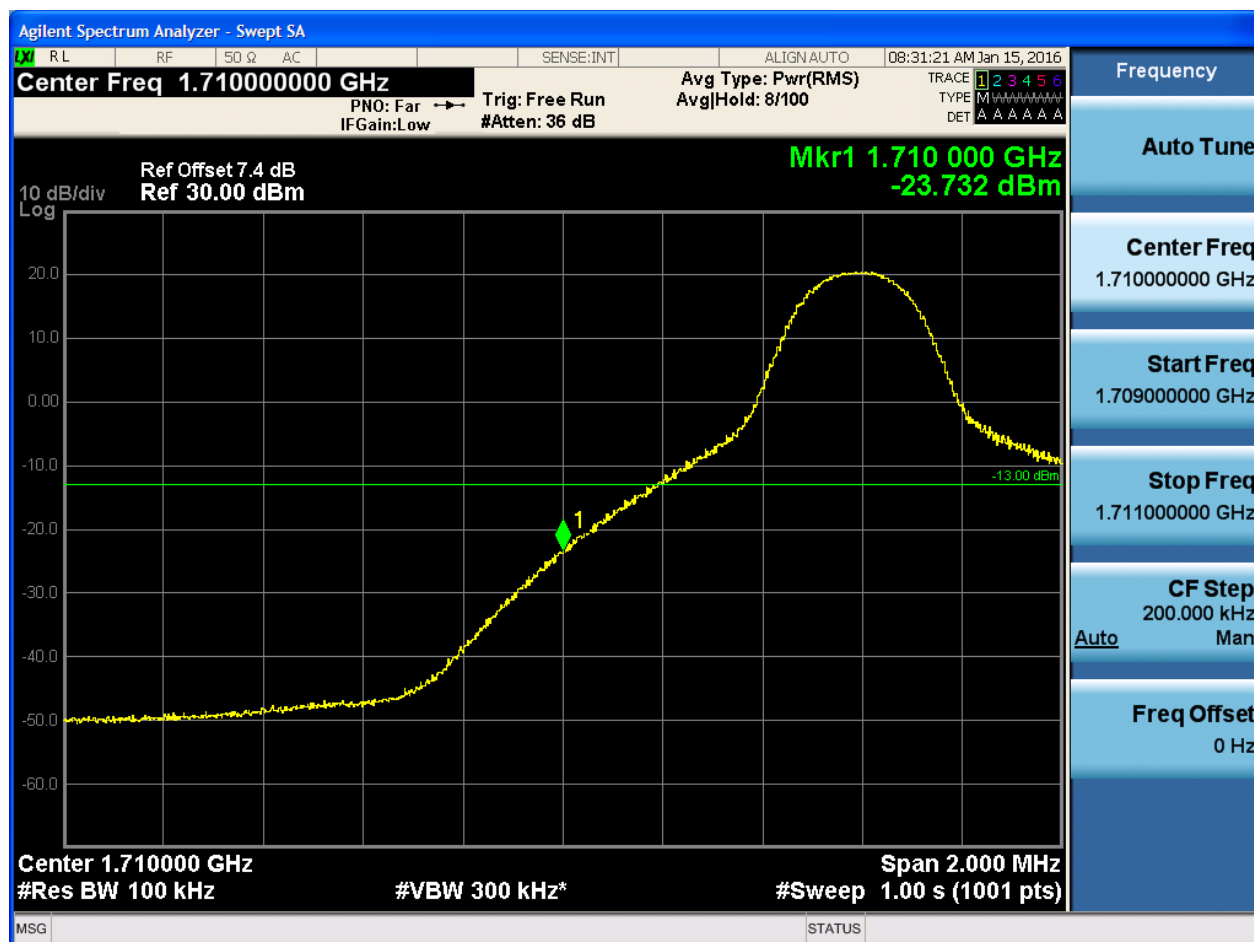
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49

