



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	23.66	24.16	30	PASS
				RB1#3	23.52	24.02	30	PASS
				RB1#5	23.5	24	30	PASS
				RB3#0	23.51	24.01	30	PASS
				RB3#2	23.51	24.01	30	PASS
				RB3#3	23.49	23.99	30	PASS
				RB6#0	22.45	22.95	30	PASS
			MCH	RB1#0	23.56	24.06	30	PASS
				RB1#3	23.57	24.07	30	PASS
				RB1#5	23.44	23.94	30	PASS
				RB3#0	23.81	24.31	30	PASS
				RB3#2	23.64	24.14	30	PASS
				RB3#3	23.48	23.98	30	PASS
				RB6#0	22.45	22.95	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.51	24.01	30	PASS
				RB1#3	23.54	24.04	30	PASS
				RB1#5	23.49	23.99	30	PASS
				RB3#0	23.51	24.01	30	PASS
				RB3#2	23.54	24.04	30	PASS
				RB3#3	23.5	24	30	PASS
				RB6#0	22.53	23.03	30	PASS
		3	LCH	RB1#0	23.55	24.05	30	PASS
				RB1#7	23.7	24.2	30	PASS
				RB1#14	23.71	24.21	30	PASS
				RB8#0	22.6	23.1	30	PASS
				RB8#4	22.55	23.05	30	PASS
				RB8#7	22.62	23.12	30	PASS
				RB15#0	22.64	23.14	30	PASS
			MCH	RB1#0	23.69	24.19	30	PASS
				RB1#7	23.85	24.35	30	PASS
				RB1#14	23.55	24.05	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.57	23.07	30	PASS
				RB8#4	22.5	23	30	PASS
				RB8#7	22.49	22.99	30	PASS
				RB15#0	22.53	23.03	30	PASS
			HCH	RB1#0	23.53	24.03	30	PASS
				RB1#7	23.54	24.04	30	PASS
				RB1#14	23.55	24.05	30	PASS
				RB8#0	22.49	22.99	30	PASS
				RB8#4	22.49	22.99	30	PASS
				RB8#7	22.49	22.99	30	PASS
				RB15#0	22.52	23.02	30	PASS
		5	LCH	RB1#0	23.58	24.08	30	PASS
				RB1#13	23.44	23.94	30	PASS
				RB1#24	23.58	24.08	30	PASS
				RB12#0	22.61	23.11	30	PASS
				RB12#6	22.57	23.07	30	PASS
				RB12#13	22.61	23.11	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.55	23.05	30	PASS
			MCH	RB1#0	23.7	24.2	30	PASS
				RB1#13	23.34	23.84	30	PASS
				RB1#24	23.42	23.92	30	PASS
				RB12#0	22.56	23.06	30	PASS
				RB12#6	22.57	23.07	30	PASS
				RB12#13	22.54	23.04	30	PASS
				RB25#0	22.54	23.04	30	PASS
			HCH	RB1#0	23.7	24.2	30	PASS
				RB1#13	23.53	24.03	30	PASS
				RB1#24	23.5	24	30	PASS
				RB12#0	22.5	23	30	PASS
				RB12#6	22.45	22.95	30	PASS
				RB12#13	22.63	23.13	30	PASS
				RB25#0	22.6	23.1	30	PASS
		10	LCH	RB1#0	23.8	24.3	30	PASS
				RB1#25	23.83	24.33	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.84	24.34	30	PASS
				RB25#0	22.63	23.13	30	PASS
				RB25#13	22.67	23.17	30	PASS
				RB25#25	22.57	23.07	30	PASS
				RB50#0	22.62	23.12	30	PASS
			MCH	RB1#0	23.81	24.31	30	PASS
				RB1#25	23.51	24.01	30	PASS
				RB1#49	23.76	24.26	30	PASS
				RB25#0	22.65	23.15	30	PASS
				RB25#13	22.57	23.07	30	PASS
				RB25#25	22.59	23.09	30	PASS
				RB50#0	22.62	23.12	30	PASS
			HCH	RB1#0	23.67	24.17	30	PASS
				RB1#25	23.62	24.12	30	PASS
				RB1#49	23.64	24.14	30	PASS
				RB25#0	22.59	23.09	30	PASS
				RB25#13	22.55	23.05	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.53	23.03	30	PASS
				RB50#0	22.51	23.01	30	PASS
		15	LCH	RB1#0	23.77	24.27	30	PASS
				RB1#38	23.58	24.08	30	PASS
				RB1#74	23.41	23.91	30	PASS
				RB38#0	22.65	23.15	30	PASS
				RB38#19	22.51	23.01	30	PASS
				RB38#39	22.47	22.97	30	PASS
				RB75#0	22.51	23.01	30	PASS
			MCH	RB1#0	23.76	24.26	30	PASS
				RB1#38	23.81	24.31	30	PASS
				RB1#74	23.69	24.19	30	PASS
				RB38#0	22.61	23.11	30	PASS
				RB38#19	22.59	23.09	30	PASS
				RB38#39	22.56	23.06	30	PASS
				RB75#0	22.5	23	30	PASS
			HCH	RB1#0	23.77	24.27	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.64	24.14	30	PASS
				RB1#74	23.72	24.22	30	PASS
				RB38#0	22.58	23.08	30	PASS
				RB38#19	22.57	23.07	30	PASS
				RB38#39	22.53	23.03	30	PASS
				RB75#0	22.52	23.02	30	PASS
		20	LCH	RB1#0	23.53	24.03	30	PASS
				RB1#50	23.51	24.01	30	PASS
				RB1#99	23.37	23.87	30	PASS
				RB50#0	22.58	23.08	30	PASS
				RB50#25	22.5	23	30	PASS
				RB50#50	22.49	22.99	30	PASS
				RB100#0	22.47	22.97	30	PASS
			MCH	RB1#0	23.87	24.37	30	PASS
				RB1#50	23.79	24.29	30	PASS
				RB1#99	23.54	24.04	30	PASS
				RB50#0	22.61	23.11	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.62	23.12	30	PASS
				RB50#50	22.48	22.98	30	PASS
				RB100#0	22.58	23.08	30	PASS
			HCH	RB1#0	23.47	23.97	30	PASS
				RB1#50	23.46	23.96	30	PASS
				RB1#99	23.28	23.78	30	PASS
				RB50#0	22.53	23.03	30	PASS
				RB50#25	22.57	23.07	30	PASS
				RB50#50	22.52	23.02	30	PASS
				RB100#0	22.5	23	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.85	23.35	30	PASS
				RB1#3	22.84	23.34	30	PASS
				RB1#5	22.83	23.33	30	PASS
				RB3#0	22.39	22.89	30	PASS
				RB3#2	22.45	22.95	30	PASS
				RB3#3	22.3	22.8	30	PASS
				RB6#0	21.33	21.83	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.77	23.27	30	PASS
				RB1#3	22.75	23.25	30	PASS
				RB1#5	22.72	23.22	30	PASS
				RB3#0	22.52	23.02	30	PASS
				RB3#2	22.55	23.05	30	PASS
				RB3#3	22.44	22.94	30	PASS
				RB6#0	21.45	21.95	30	PASS
			HCH	RB1#0	22.68	23.18	30	PASS
				RB1#3	22.78	23.28	30	PASS
				RB1#5	22.83	23.33	30	PASS
				RB3#0	22.61	23.11	30	PASS
				RB3#2	22.73	23.23	30	PASS
				RB3#3	22.52	23.02	30	PASS
				RB6#0	21.34	21.84	30	PASS
		3	LCH	RB1#0	22.76	23.26	30	PASS
				RB1#7	22.81	23.31	30	PASS
				RB1#14	22.61	23.11	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.42	21.92	30	PASS
				RB8#4	21.38	21.88	30	PASS
				RB8#7	21.47	21.97	30	PASS
				RB15#0	21.3	21.8	30	PASS
			MCH	RB1#0	22.83	23.33	30	PASS
				RB1#7	22.76	23.26	30	PASS
				RB1#14	22.7	23.2	30	PASS
				RB8#0	21.41	21.91	30	PASS
				RB8#4	21.4	21.9	30	PASS
				RB8#7	21.46	21.96	30	PASS
				RB15#0	21.55	22.05	30	PASS
			HCH	RB1#0	22.82	23.32	30	PASS
				RB1#7	22.77	23.27	30	PASS
				RB1#14	22.74	23.24	30	PASS
				RB8#0	21.55	22.05	30	PASS
				RB8#4	21.54	22.04	30	PASS
				RB8#7	21.55	22.05	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5		RB15#0	21.54	22.04	30	PASS
			LCH	RB1#0	22.71	23.21	30	PASS
				RB1#13	22.04	22.54	30	PASS
				RB1#24	22.29	22.79	30	PASS
				RB12#0	21.82	22.32	30	PASS
				RB12#6	21.7	22.2	30	PASS
				RB12#13	21.72	22.22	30	PASS
				RB25#0	21.58	22.08	30	PASS
			MCH	RB1#0	22.87	23.37	30	PASS
				RB1#13	22.65	23.15	30	PASS
				RB1#24	22.64	23.14	30	PASS
				RB12#0	21.59	22.09	30	PASS
				RB12#6	21.51	22.01	30	PASS
				RB12#13	21.48	21.98	30	PASS
				RB25#0	21.58	22.08	30	PASS
			HCH	RB1#0	22.82	23.32	30	PASS
				RB1#13	22.65	23.15	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.63	23.13	30	PASS
				RB12#0	21.3	21.8	30	PASS
				RB12#6	21.46	21.96	30	PASS
				RB12#13	21.34	21.84	30	PASS
				RB25#0	21.53	22.03	30	PASS
		10	LCH	RB1#0	22.9	23.4	30	PASS
				RB1#25	22.84	23.34	30	PASS
				RB1#49	22.64	23.14	30	PASS
				RB25#0	21.45	21.95	30	PASS
				RB25#13	21.57	22.07	30	PASS
				RB25#25	21.37	21.87	30	PASS
				RB50#0	21.4	21.9	30	PASS
			MCH	RB1#0	23.1	23.6	30	PASS
				RB1#25	22.67	23.17	30	PASS
				RB1#49	22.81	23.31	30	PASS
				RB25#0	21.49	21.99	30	PASS
				RB25#13	21.41	21.91	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.44	21.94	30	PASS
				RB50#0	21.56	22.06	30	PASS
			HCH	RB1#0	22.87	23.37	30	PASS
				RB1#25	22.81	23.31	30	PASS
				RB1#49	22.96	23.46	30	PASS
				RB25#0	21.52	22.02	30	PASS
				RB25#13	21.56	22.06	30	PASS
				RB25#25	21.55	22.05	30	PASS
				RB50#0	21.55	22.05	30	PASS
		15	LCH	RB1#0	22.93	23.43	30	PASS
				RB1#38	22.57	23.07	30	PASS
				RB1#74	22.73	23.23	30	PASS
				RB38#0	21.62	22.12	30	PASS
				RB38#19	21.46	21.96	30	PASS
				RB38#39	21.42	21.92	30	PASS
				RB75#0	21.44	21.94	30	PASS
			MCH	RB1#0	22.96	23.46	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.71	23.21	30	PASS
				RB1#74	22.83	23.33	30	PASS
				RB38#0	21.61	22.11	30	PASS
				RB38#19	21.58	22.08	30	PASS
				RB38#39	21.55	22.05	30	PASS
				RB75#0	21.5	22	30	PASS
			HCH	RB1#0	22.9	23.4	30	PASS
				RB1#38	22.77	23.27	30	PASS
				RB1#74	22.7	23.2	30	PASS
				RB38#0	21.63	22.13	30	PASS
				RB38#19	21.55	22.05	30	PASS
				RB38#39	21.5	22	30	PASS
				RB75#0	21.59	22.09	30	PASS
		20	LCH	RB1#0	22.94	23.44	30	PASS
				RB1#50	22.83	23.33	30	PASS
				RB1#99	22.75	23.25	30	PASS
				RB50#0	21.59	22.09	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.55	22.05	30	PASS
				RB50#50	21.51	22.01	30	PASS
				RB100#0	21.44	21.94	30	PASS
			MCH	RB1#0	22.94	23.44	30	PASS
				RB1#50	22.9	23.4	30	PASS
				RB1#99	22.84	23.34	30	PASS
				RB50#0	21.61	22.11	30	PASS
				RB50#25	21.58	22.08	30	PASS
				RB50#50	21.46	21.96	30	PASS
				RB100#0	21.57	22.07	30	PASS
			HCH	RB1#0	22.75	23.25	30	PASS
				RB1#50	22.81	23.31	30	PASS
				RB1#99	22.63	23.13	30	PASS
				RB50#0	21.52	22.02	30	PASS
				RB50#25	21.46	21.96	30	PASS
				RB50#50	21.42	21.92	30	PASS
				RB100#0	21.51	22.01	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:

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

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

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

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

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	2.97	13	PASS
				RB1#3	2.89	13	PASS
				RB1#5	2.99	13	PASS
				RB3#0	3.48	13	PASS
				RB3#2	3.27	13	PASS
				RB3#3	3.52	13	PASS
				RB6#0	4.73	13	PASS
			MCH	RB1#0	2.83	13	PASS
				RB1#3	2.75	13	PASS
				RB1#5	2.87	13	PASS
				RB3#0	3.34	13	PASS
				RB3#2	3.01	13	PASS
				RB3#3	3.31	13	PASS
				RB6#0	4.5	13	PASS
			HCH	RB1#0	3.24	13	PASS
				RB1#3	3.07	13	PASS
				RB1#5	3.23	13	PASS
				RB3#0	3.55	13	PASS
				RB3#2	3.28	13	PASS
				RB3#3	3.51	13	PASS
				RB6#0	4.66	13	PASS
		3	LCH	RB1#0	3.01	13	PASS
				RB1#7	2.91	13	PASS
				RB1#14	2.96	13	PASS
				RB8#0	4.08	13	PASS
				RB8#4	3.92	13	PASS
				RB8#7	4.16	13	PASS
				RB15#0	4.63	13	PASS
			MCH	RB1#0	2.65	13	PASS
				RB1#7	2.79	13	PASS
				RB1#14	2.85	13	PASS
				RB8#0	3.86	13	PASS
				RB8#4	3.71	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	3.91	13	PASS
				RB15#0	4.8	13	PASS
			HCH	RB1#0	3.16	13	PASS
				RB1#7	3.08	13	PASS
				RB1#14	3.08	13	PASS
				RB8#0	4.19	13	PASS
				RB8#4	4.08	13	PASS
				RB8#7	4.21	13	PASS
				RB15#0	4.99	13	PASS
		5	LCH	RB1#0	3.18	13	PASS
				RB1#13	3.13	13	PASS
				RB1#24	3.11	13	PASS
				RB12#0	3.96	13	PASS
				RB12#6	3.84	13	PASS
				RB12#13	4.06	13	PASS
				RB25#0	4.74	13	PASS
			MCH	RB1#0	2.83	13	PASS
				RB1#13	2.9	13	PASS
				RB1#24	2.98	13	PASS
				RB12#0	3.79	13	PASS
				RB12#6	3.59	13	PASS
				RB12#13	3.86	13	PASS
				RB25#0	4.63	13	PASS
			HCH	RB1#0	3.14	13	PASS
				RB1#13	3.16	13	PASS
				RB1#24	3.09	13	PASS
				RB12#0	4.15	13	PASS
				RB12#6	4.01	13	PASS
				RB12#13	4.12	13	PASS
				RB25#0	4.8	13	PASS
		10	LCH	RB1#0	2.89	13	PASS
				RB1#25	2.97	13	PASS
				RB1#49	3.02	13	PASS
				RB25#0	3.92	13	PASS
				RB25#13	3.86	13	PASS
				RB25#25	4.1	13	PASS
				RB50#0	4.67	13	PASS
			MCH	RB1#0	2.86	13	PASS
				RB1#25	2.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	2.94	13	PASS
				RB25#0	3.75	13	PASS
				RB25#13	3.6	13	PASS
				RB25#25	3.85	13	PASS
				RB50#0	4.42	13	PASS
			HCH	RB1#0	3.05	13	PASS
				RB1#25	3.1	13	PASS
				RB1#49	3.05	13	PASS
				RB25#0	4.08	13	PASS
				RB25#13	4.02	13	PASS
				RB25#25	4.15	13	PASS
				RB50#0	5.21	13	PASS
		15	LCH	RB1#0	2.98	13	PASS
				RB1#38	3.19	13	PASS
				RB1#74	2.87	13	PASS
				RB38#0	4.02	13	PASS
				RB38#19	3.92	13	PASS
				RB38#39	4.16	13	PASS
				RB75#0	5	13	PASS
			MCH	RB1#0	2.75	13	PASS
				RB1#38	2.93	13	PASS
				RB1#74	2.9	13	PASS
				RB38#0	3.84	13	PASS
				RB38#19	3.67	13	PASS
				RB38#39	3.91	13	PASS
				RB75#0	4.81	13	PASS
			HCH	RB1#0	2.88	13	PASS
				RB1#38	3.22	13	PASS
				RB1#74	3.07	13	PASS
				RB38#0	3.98	13	PASS
				RB38#19	4	13	PASS
				RB38#39	4.16	13	PASS
				RB75#0	4.91	13	PASS
		20	LCH	RB1#0	3.09	13	PASS
				RB1#50	2.93	13	PASS
				RB1#99	2.86	13	PASS
				RB50#0	4.04	13	PASS
				RB50#25	4.07	13	PASS
				RB50#50	3.99	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	4.55	13	PASS
			MCH	RB1#0	3.17	13	PASS
				RB1#50	3.28	13	PASS
				RB1#99	3.51	13	PASS
				RB50#0	4.25	13	PASS
				RB50#25	4.09	13	PASS
				RB50#50	4.27	13	PASS
				RB100#0	5.22	13	PASS
			HCH	RB1#0	2.94	13	PASS
				RB1#50	3.51	13	PASS
				RB1#99	3.71	13	PASS
				RB50#0	4.29	13	PASS
				RB50#25	4.35	13	PASS
				RB50#50	4.56	13	PASS
				RB100#0	5.28	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	3.64	13	PASS
				RB1#3	3.41	13	PASS
				RB1#5	3.56	13	PASS
				RB3#0	4.2	13	PASS
				RB3#2	4.29	13	PASS
				RB3#3	4.46	13	PASS
				RB6#0	5.43	13	PASS
			MCH	RB1#0	3.51	13	PASS
				RB1#3	4.08	13	PASS
				RB1#5	4.21	13	PASS
				RB3#0	4.31	13	PASS
				RB3#2	4.37	13	PASS
				RB3#3	4.53	13	PASS
				RB6#0	5.41	13	PASS
			HCH	RB1#0	4.17	13	PASS
				RB1#3	4.08	13	PASS
				RB1#5	4.12	13	PASS
				RB3#0	4.12	13	PASS
				RB3#2	4.14	13	PASS
				RB3#3	4.42	13	PASS
				RB6#0	5.24	13	PASS
		3	LCH	RB1#0	3.85	13	PASS
				RB1#7	3.75	13	PASS
				RB1#14	3.96	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	4.94	13	PASS
				RB8#4	4.92	13	PASS
				RB8#7	5.03	13	PASS
				RB15#0	5.71	13	PASS
			MCH	RB1#0	3.58	13	PASS
				RB1#7	3.57	13	PASS
				RB1#14	3.65	13	PASS
				RB8#0	4.78	13	PASS
				RB8#4	4.66	13	PASS
				RB8#7	4.79	13	PASS
				RB15#0	5.67	13	PASS
			HCH	RB1#0	3.92	13	PASS
				RB1#7	3.88	13	PASS
				RB1#14	3.83	13	PASS
				RB8#0	5.06	13	PASS
				RB8#4	5.05	13	PASS
				RB8#7	5.09	13	PASS
				RB15#0	5.55	13	PASS
		5	LCH	RB1#0	4.1	13	PASS
				RB1#13	4.29	13	PASS
				RB1#24	4.34	13	PASS
				RB12#0	4.9	13	PASS
				RB12#6	4.82	13	PASS
				RB12#13	4.92	13	PASS
				RB25#0	5.79	13	PASS
			MCH	RB1#0	3.83	13	PASS
				RB1#13	3.92	13	PASS
				RB1#24	3.87	13	PASS
				RB12#0	4.61	13	PASS
				RB12#6	4.5	13	PASS
				RB12#13	4.8	13	PASS
				RB25#0	5.52	13	PASS
			HCH	RB1#0	3.38	13	PASS
				RB1#13	3.38	13	PASS
				RB1#24	3.33	13	PASS
				RB12#0	5.07	13	PASS
				RB12#6	4.86	13	PASS
				RB12#13	4.98	13	PASS
				RB25#0	5.77	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	3.99	13	PASS
				RB1#25	3.57	13	PASS
				RB1#49	4.26	13	PASS
				RB25#0	5.37	13	PASS
				RB25#13	5.31	13	PASS
				RB25#25	5.59	13	PASS
				RB50#0	5.84	13	PASS
			MCH	RB1#0	3.74	13	PASS
				RB1#25	3.48	13	PASS
				RB1#49	3.49	13	PASS
				RB25#0	4.75	13	PASS
				RB25#13	4.55	13	PASS
				RB25#25	4.79	13	PASS
				RB50#0	5.37	13	PASS
			HCH	RB1#0	4.06	13	PASS
				RB1#25	4.24	13	PASS
				RB1#49	4.16	13	PASS
				RB25#0	4.92	13	PASS
				RB25#13	4.98	13	PASS
				RB25#25	5.06	13	PASS
				RB50#0	5.89	13	PASS
		15	LCH	RB1#0	4.01	13	PASS
				RB1#38	4.25	13	PASS
				RB1#74	4.14	13	PASS
				RB38#0	5.07	13	PASS
				RB38#19	5.07	13	PASS
				RB38#39	5.16	13	PASS
				RB75#0	5.82	13	PASS
			MCH	RB1#0	4.01	13	PASS
				RB1#38	3.99	13	PASS
				RB1#74	3.98	13	PASS
				RB38#0	4.89	13	PASS
				RB38#19	4.78	13	PASS
				RB38#39	4.98	13	PASS
				RB75#0	5.67	13	PASS
			HCH	RB1#0	3.4	13	PASS
				RB1#38	3.64	13	PASS
				RB1#74	3.66	13	PASS
				RB38#0	5.04	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	5	13	PASS
				RB38#39	5.21	13	PASS
				RB75#0	5.76	13	PASS
		20	LCH	RB1#0	3.9	13	PASS
				RB1#50	4.06	13	PASS
				RB1#99	4.1	13	PASS
				RB50#0	5.3	13	PASS
				RB50#25	5.25	13	PASS
				RB50#50	5.24	13	PASS
				RB100#0	5.91	13	PASS
			MCH	RB1#0	3.71	13	PASS
				RB1#50	3.48	13	PASS
				RB1#99	3.66	13	PASS
				RB50#0	4.82	13	PASS
				RB50#25	4.65	13	PASS
				RB50#50	4.78	13	PASS
				RB100#0	5.51	13	PASS
			HCH	RB1#0	3.82	13	PASS
				RB1#50	4.31	13	PASS
				RB1#99	4.27	13	PASS
				RB50#0	5.3	13	PASS
				RB50#25	5.4	13	PASS
				RB50#50	5.57	13	PASS
				RB100#0	5.79	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

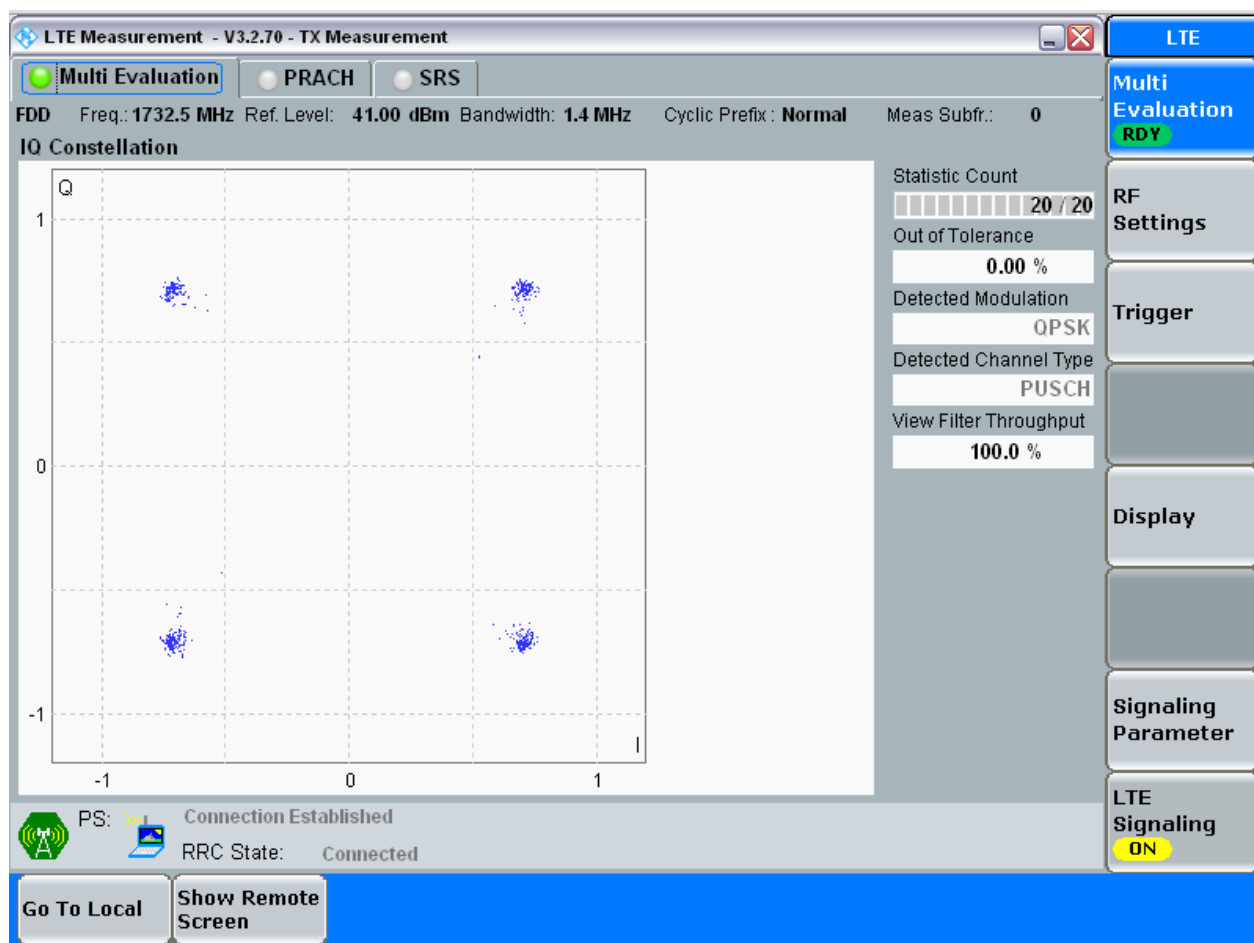
3.1.1 Test Band = BAND4

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

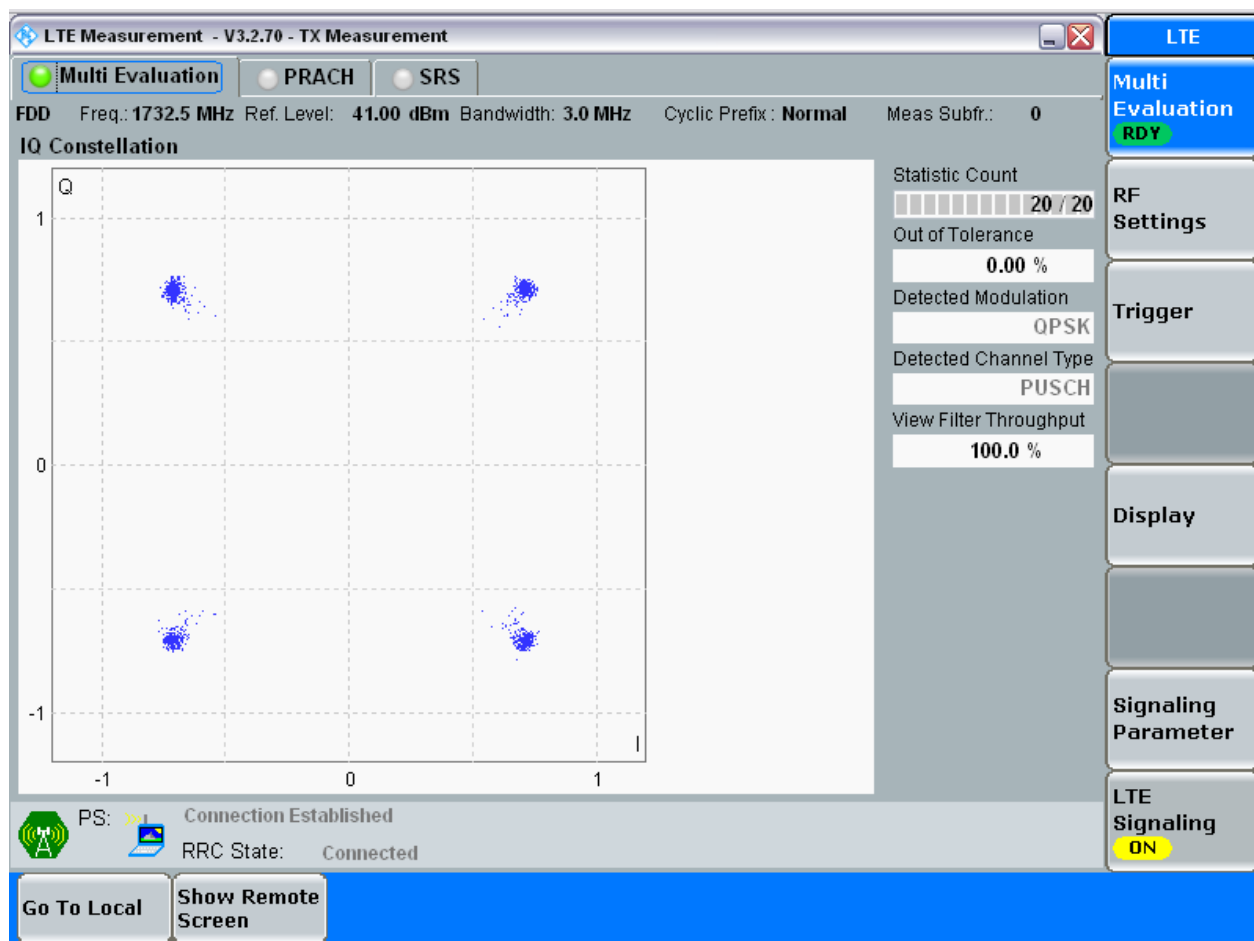
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

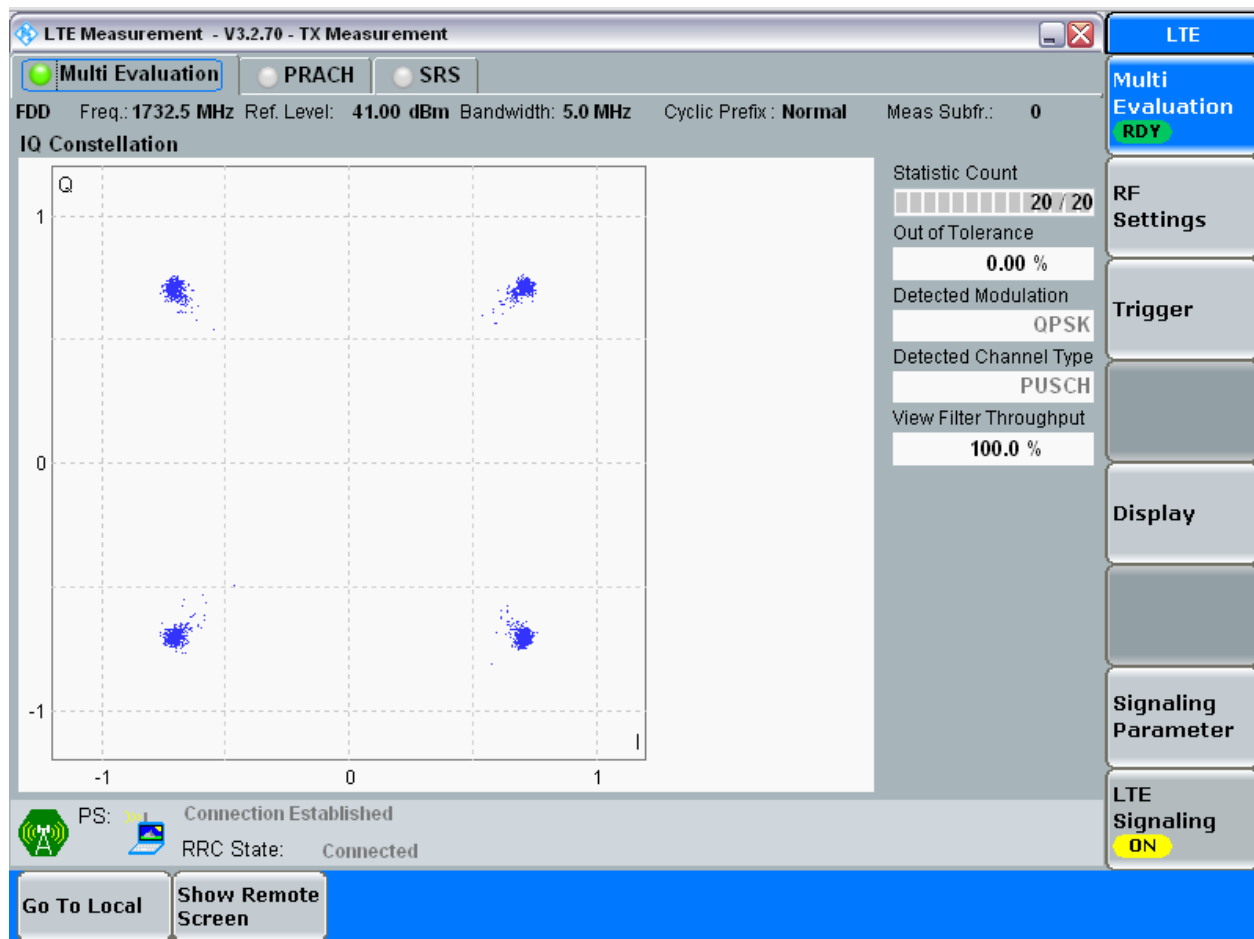
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

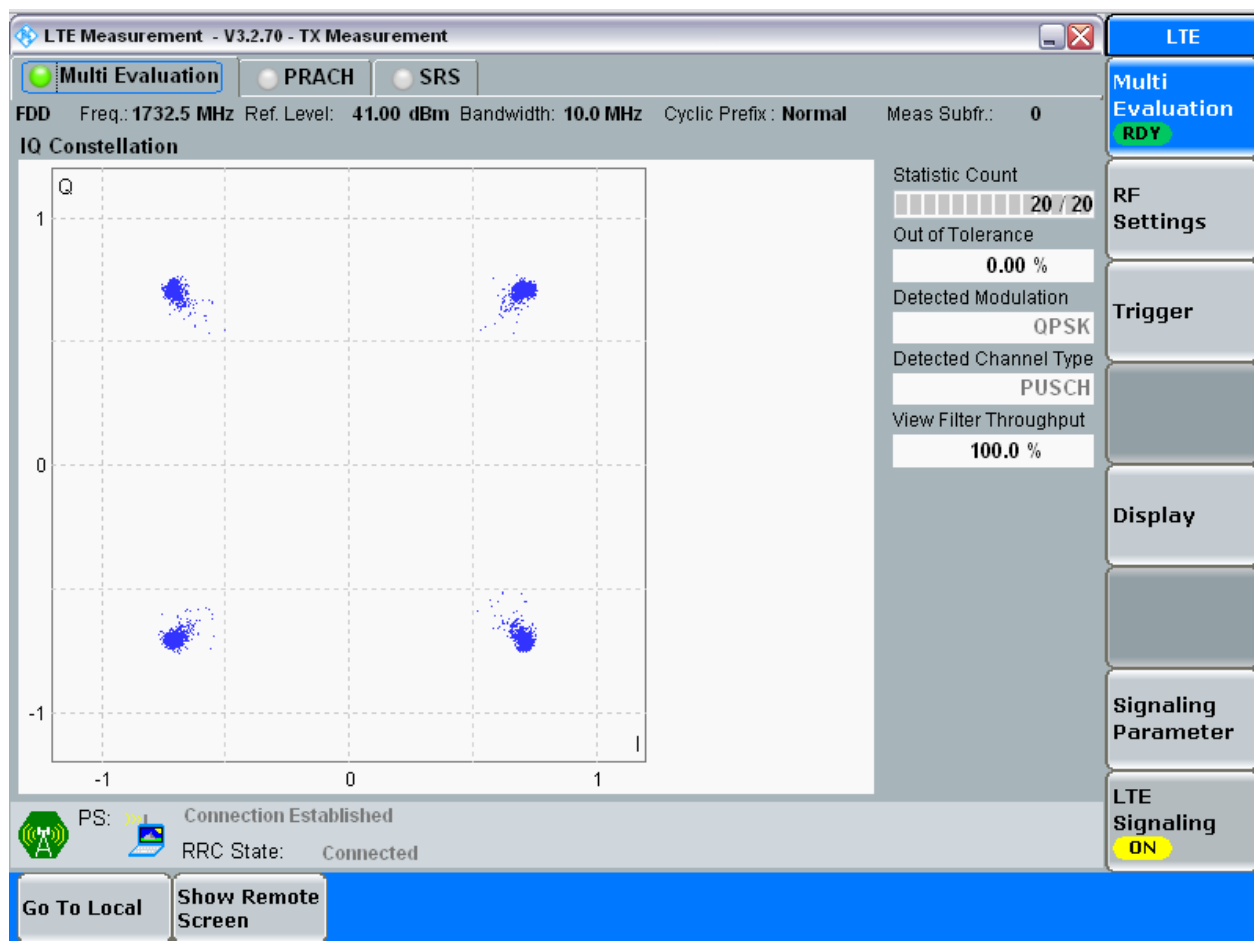
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

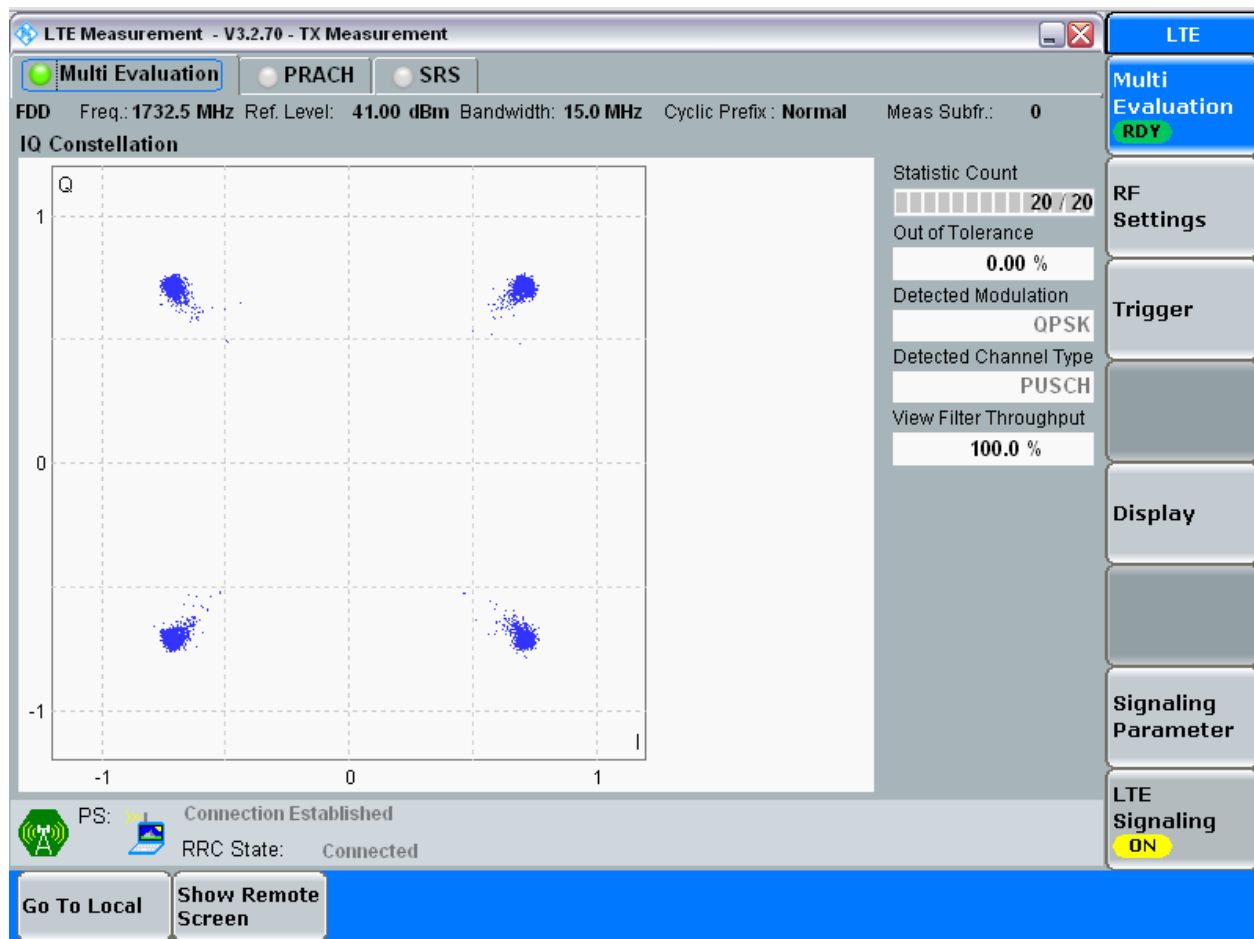
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

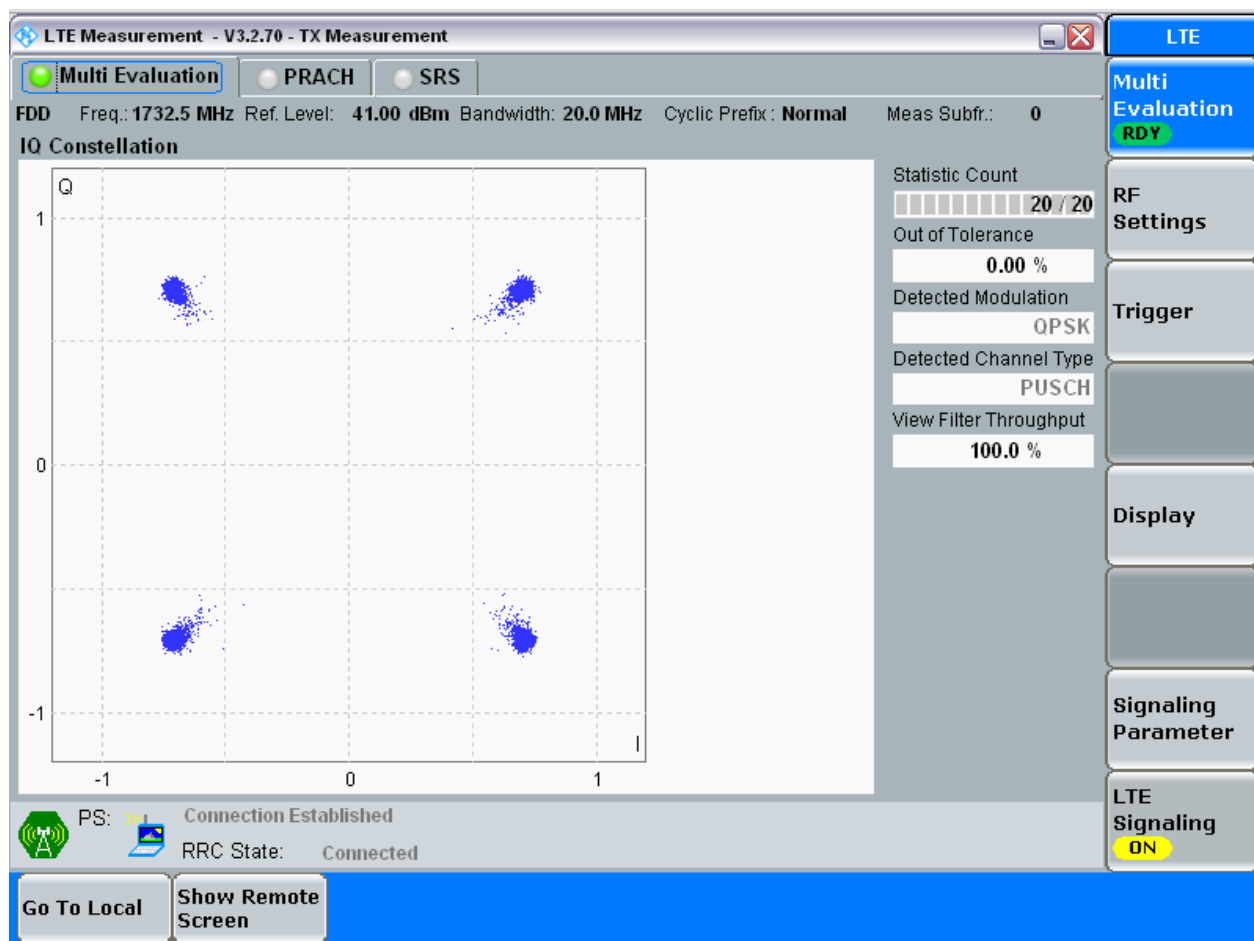
3.1.1.1.5.1.1 Test RB = RB75#0



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

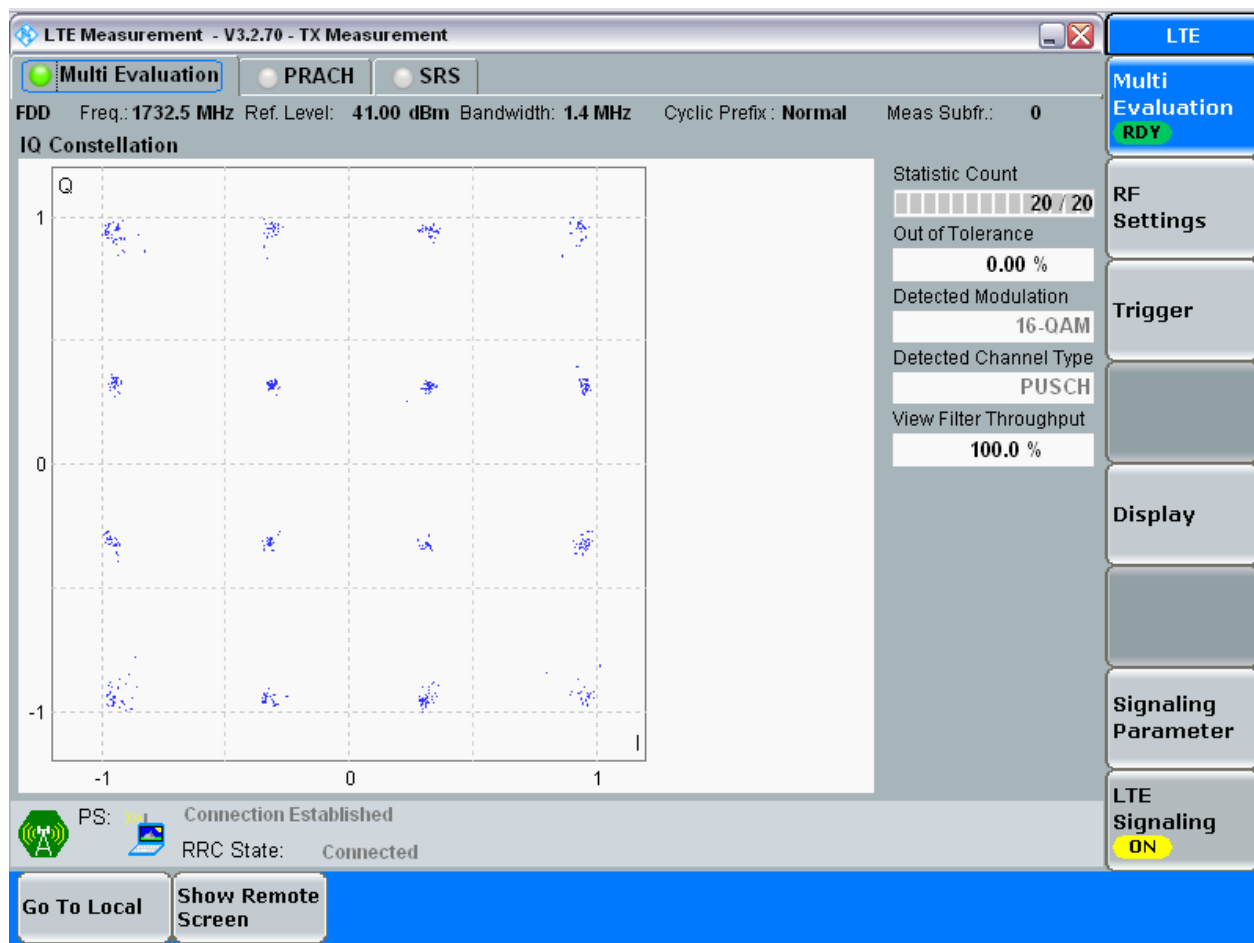


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

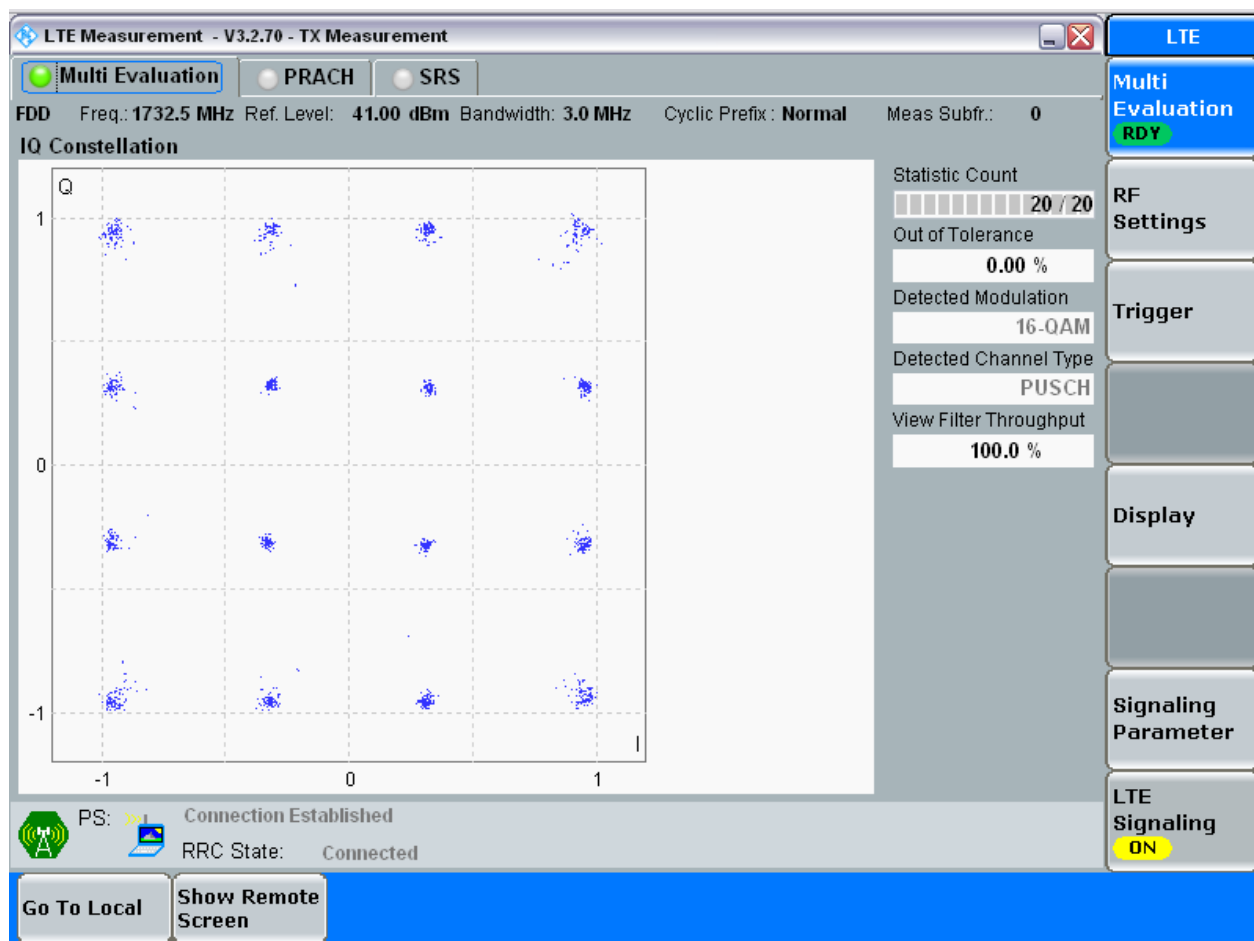
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

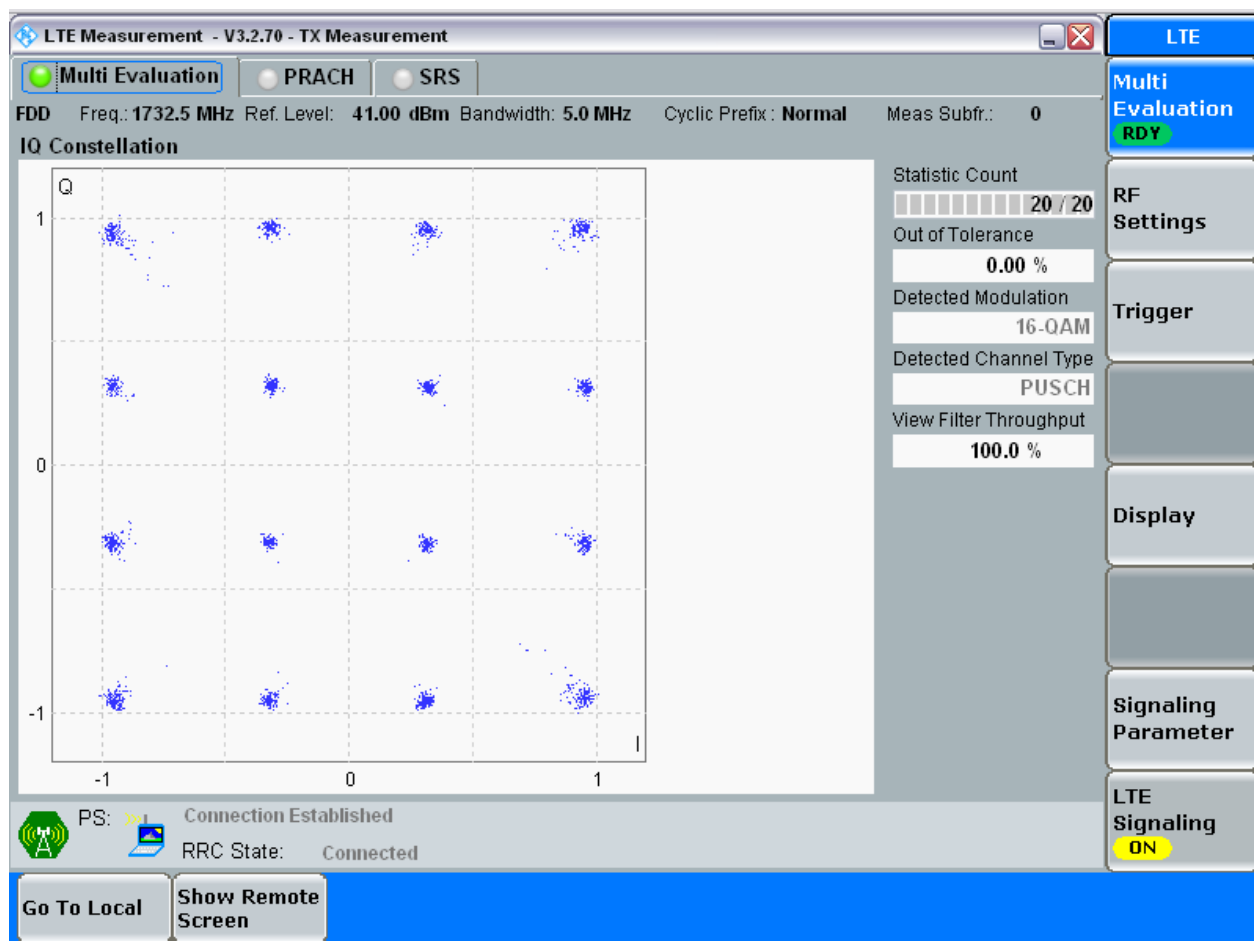
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

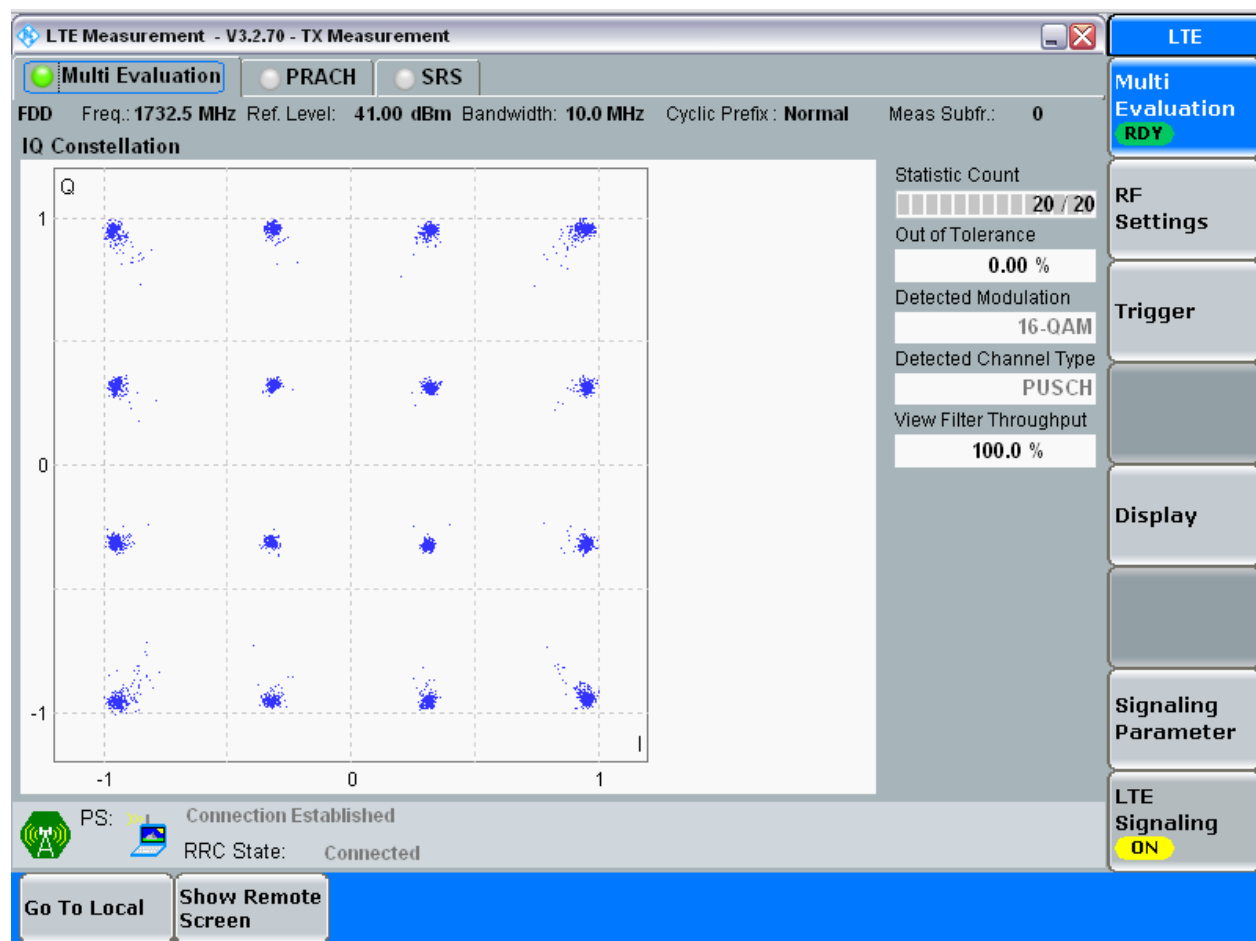
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

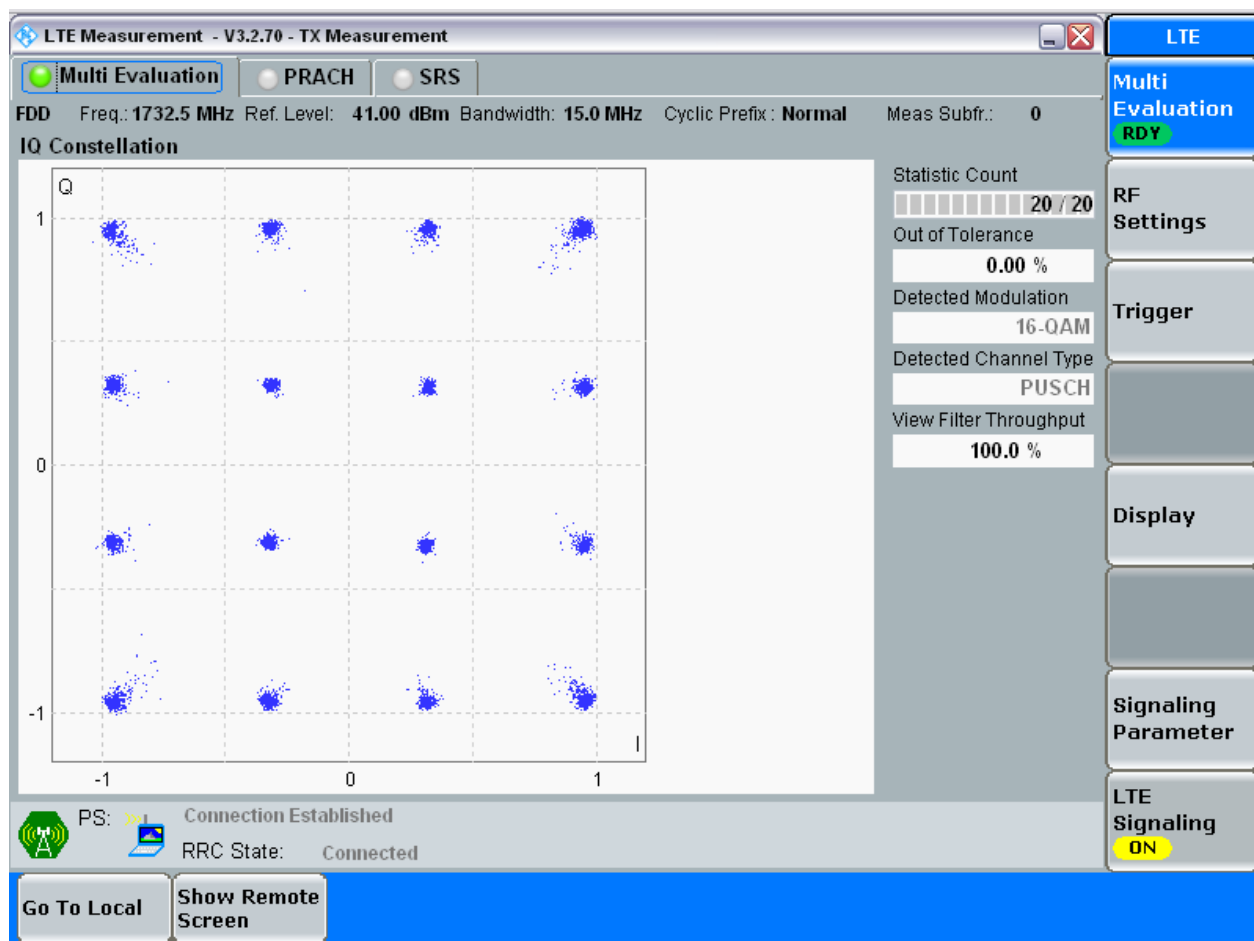
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

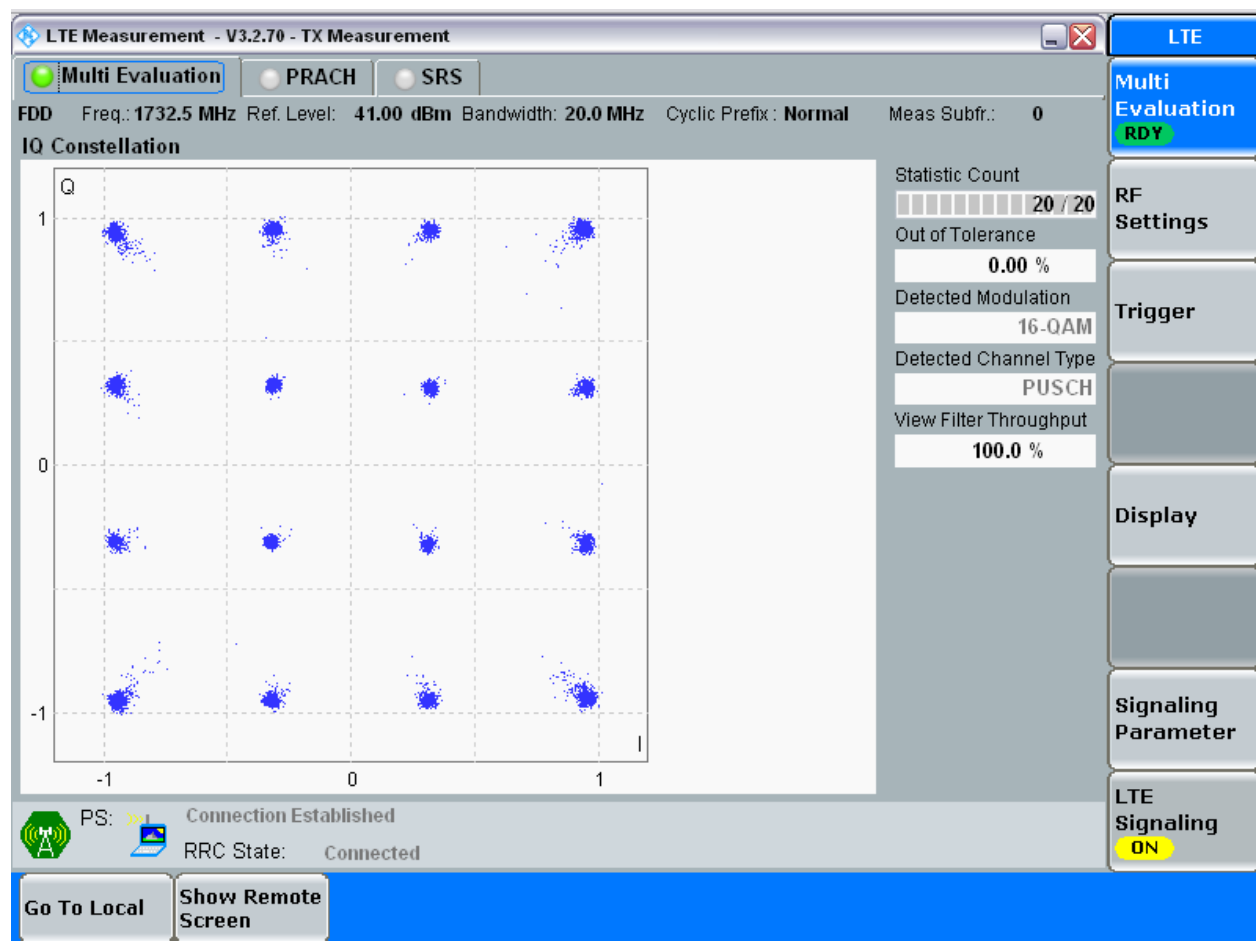
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.32	Pass
			MCH	RB6#0	1.10	1.33	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.71	3.01	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.72	3.02	Pass
		5	LCH	RB25#0	4.52	5.03	Pass
			MCH	RB25#0	4.52	5.05	Pass
			HCH	RB25#0	4.51	5.00	Pass
		10	LCH	RB50#0	9.02	10.02	Pass
			MCH	RB50#0	9.03	10.03	Pass
			HCH	RB50#0	9.00	10.01	Pass
		15	LCH	RB75#0	13.50	14.99	Pass
			MCH	RB75#0	13.51	14.98	Pass
			HCH	RB75#0	13.51	14.91	Pass
		20	LCH	RB100#0	17.98	19.67	Pass
			MCH	RB100#0	17.98	19.57	Pass
			HCH	RB100#0	17.98	19.75	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.32	Pass
			MCH	RB6#0	1.10	1.33	Pass
			HCH	RB6#0	1.09	1.31	Pass
		3	LCH	RB15#0	2.71	3.03	Pass
			MCH	RB15#0	2.72	3.01	Pass
			HCH	RB15#0	2.70	3.02	Pass
		5	LCH	RB25#0	4.53	5.03	Pass
			MCH	RB25#0	4.53	5.02	Pass
			HCH	RB25#0	4.53	5.05	Pass
		10	LCH	RB50#0	9.01	9.98	Pass
			MCH	RB50#0	9.02	9.97	Pass
			HCH	RB50#0	9.03	9.95	Pass
		15	LCH	RB75#0	13.49	14.86	Pass
			MCH	RB75#0	13.49	14.81	Pass
			HCH	RB75#0	13.49	14.85	Pass
		20	LCH	RB100#0	17.96	19.56	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	17.97	19.58	Pass
			HCH	RB100#0	17.99	19.69	Pass

Part II - Test Plots

4.1 For LTE

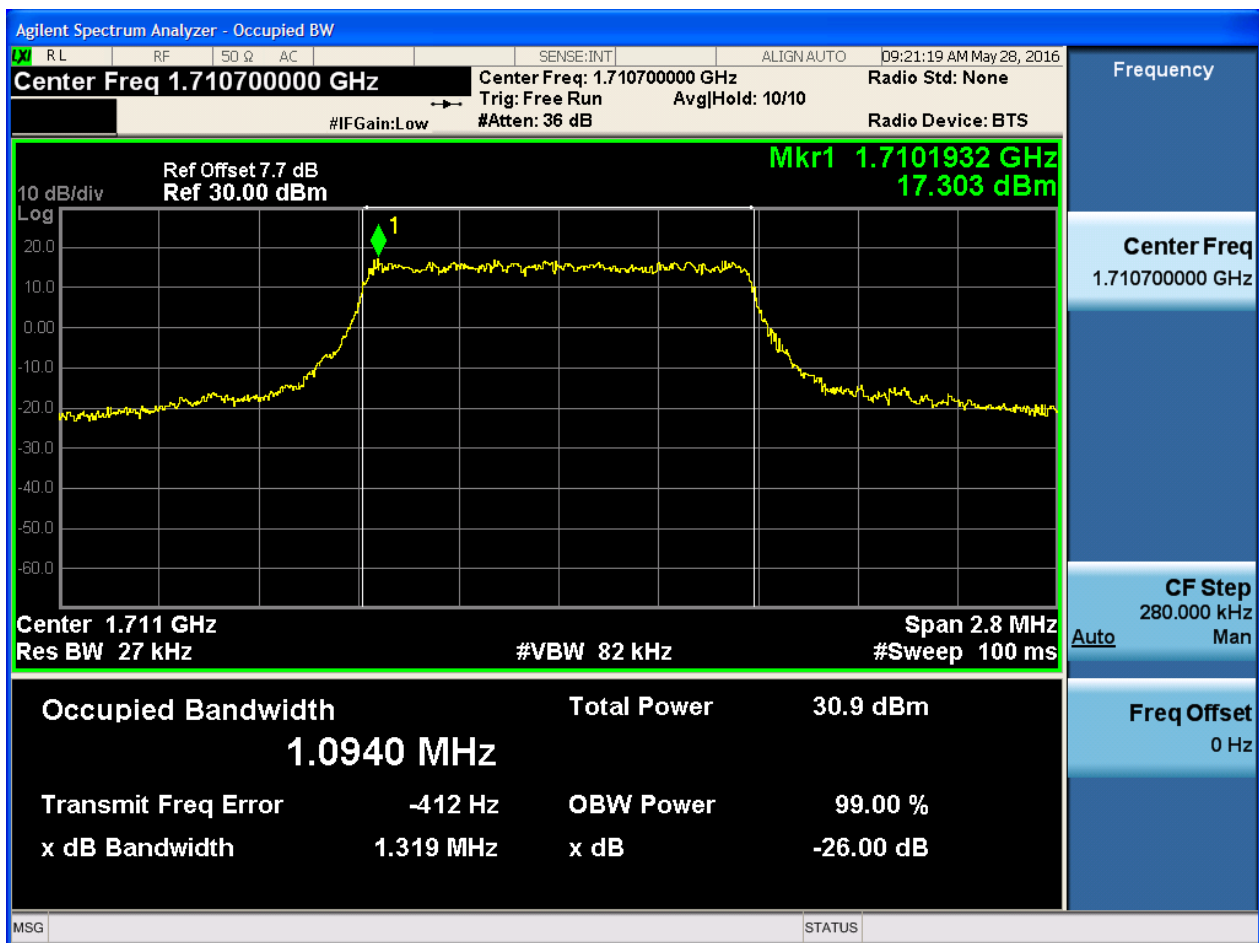
4.1.1 Test Band = BAND4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.2.1.1.1 Test Channel = LCH

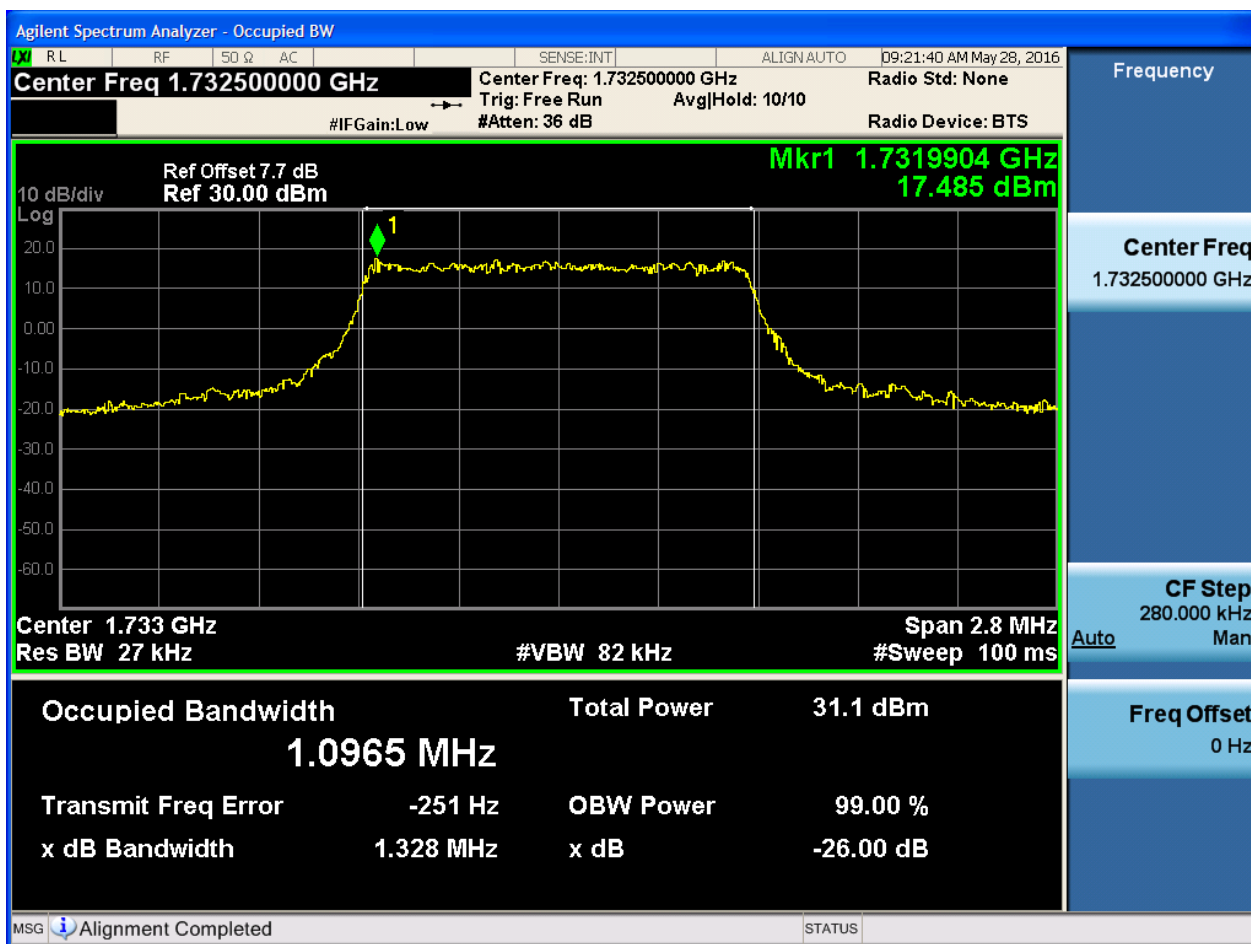
4.1.2.1.1.1.1 Test RB = RB6#0





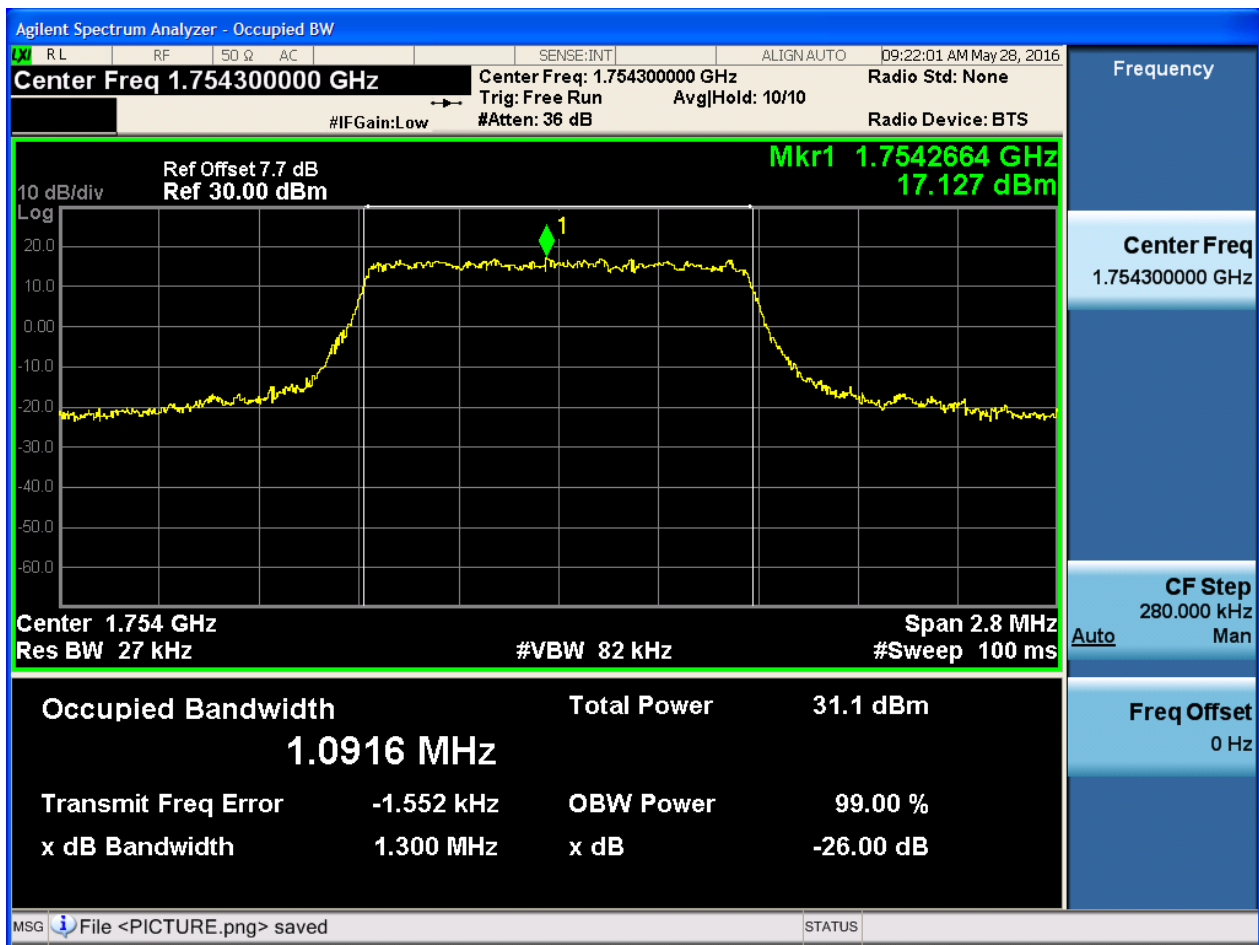
4.1.2.1.1.2 Test Channel = MCH

4.1.2.1.1.2.1 Test RB = RB6#0



4.1.2.1.1.3 Test Channel = HCH

4.1.2.1.1.3.1 Test RB = RB6#0

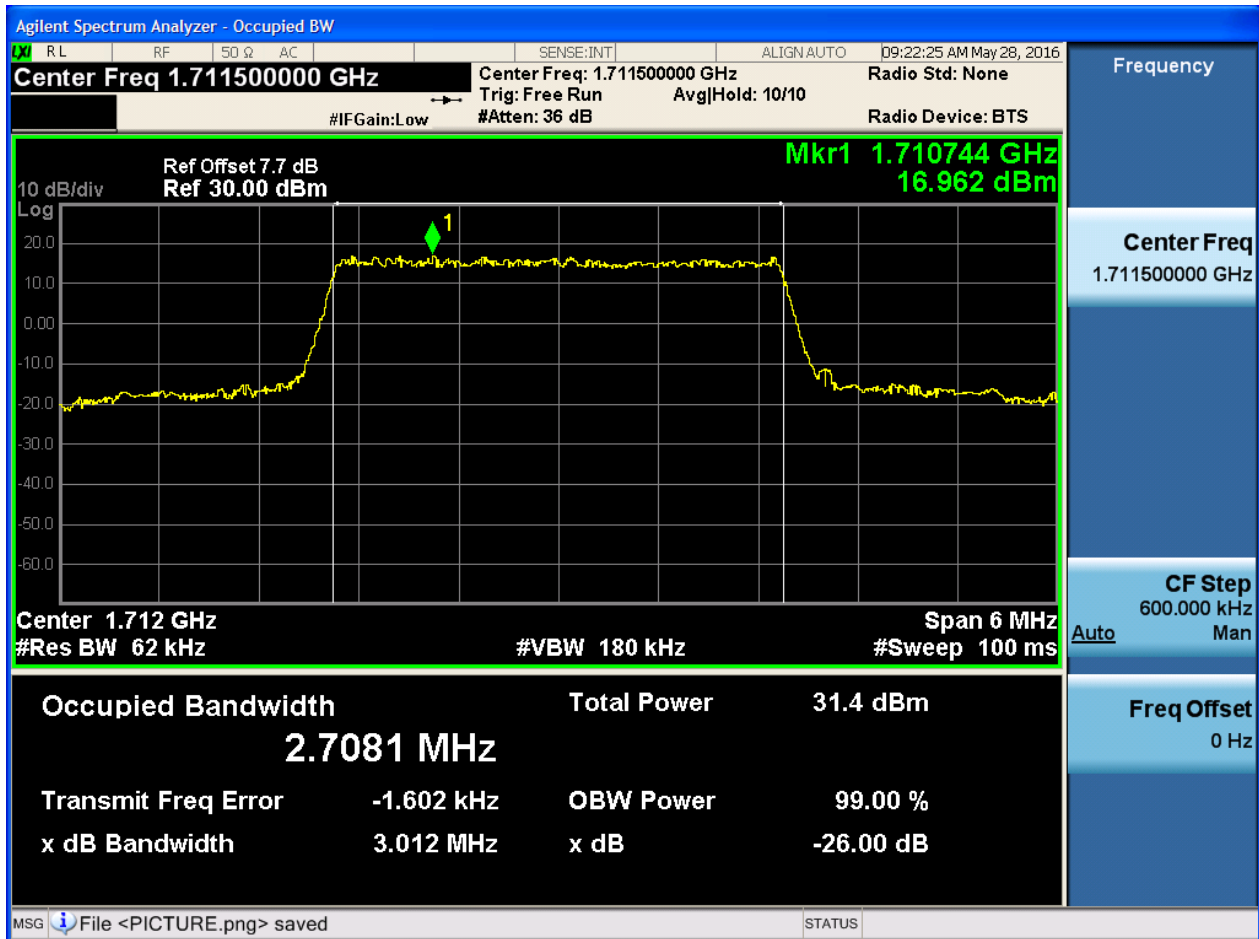




4.1.2.1.2 Test Bandwidth = 3

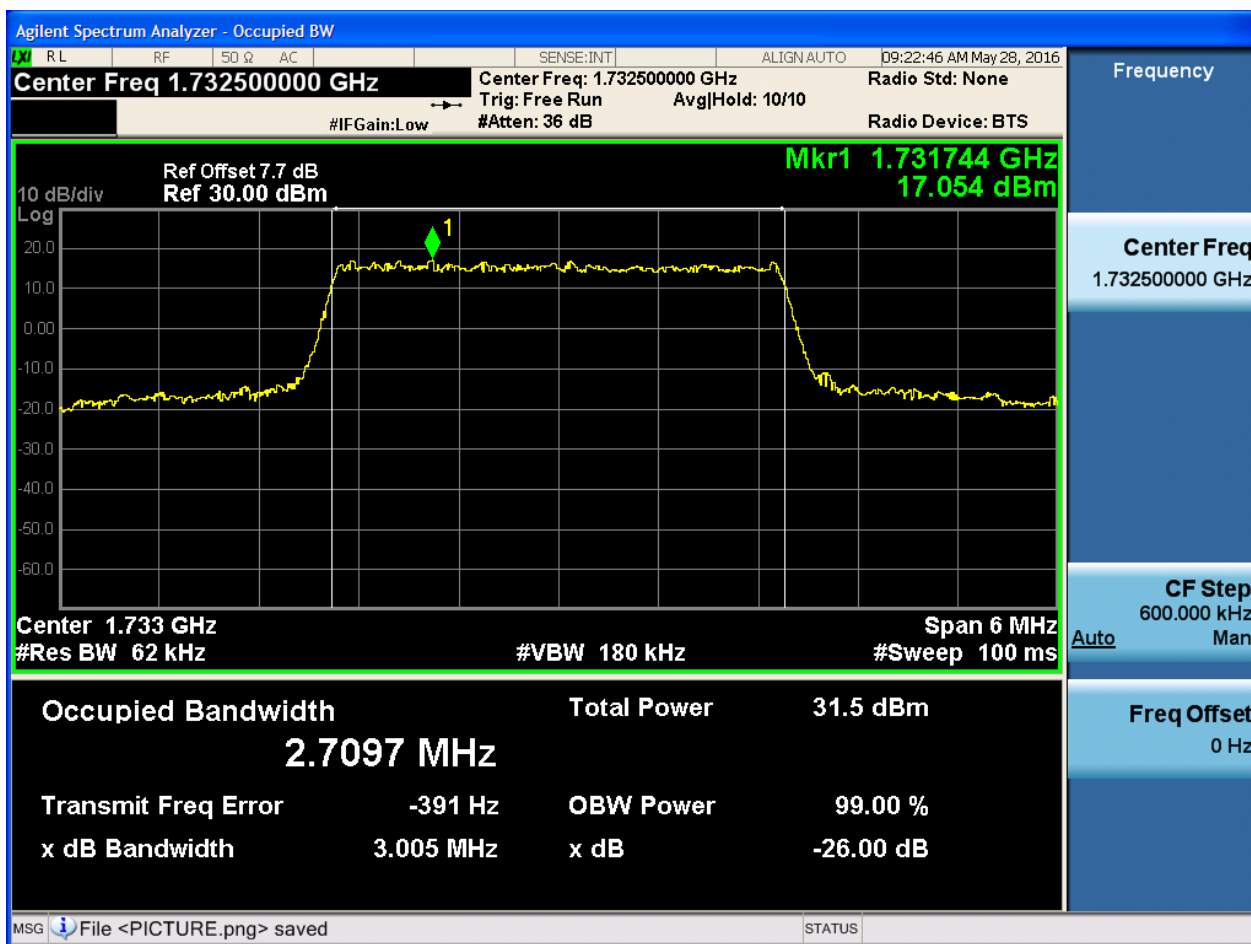
4.1.2.1.2.1 Test Channel = LCH

4.1.2.1.2.1.1 Test RB = RB15#0



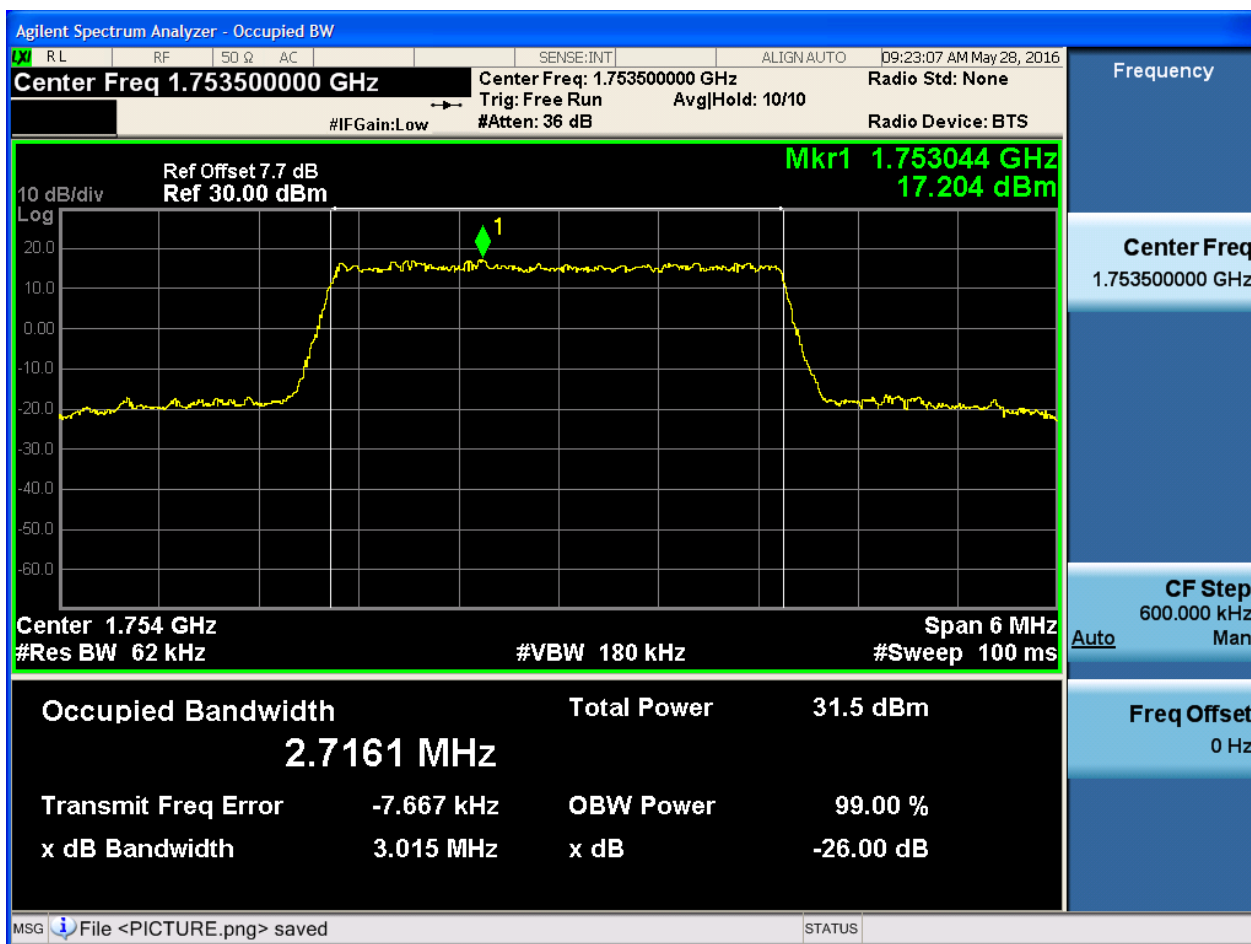
4.1.2.1.2.2 Test Channel = MCH

4.1.2.1.2.2.1 Test RB = RB15#0



4.1.2.1.2.3 Test Channel = HCH

4.1.2.1.2.3.1 Test RB = RB15#0

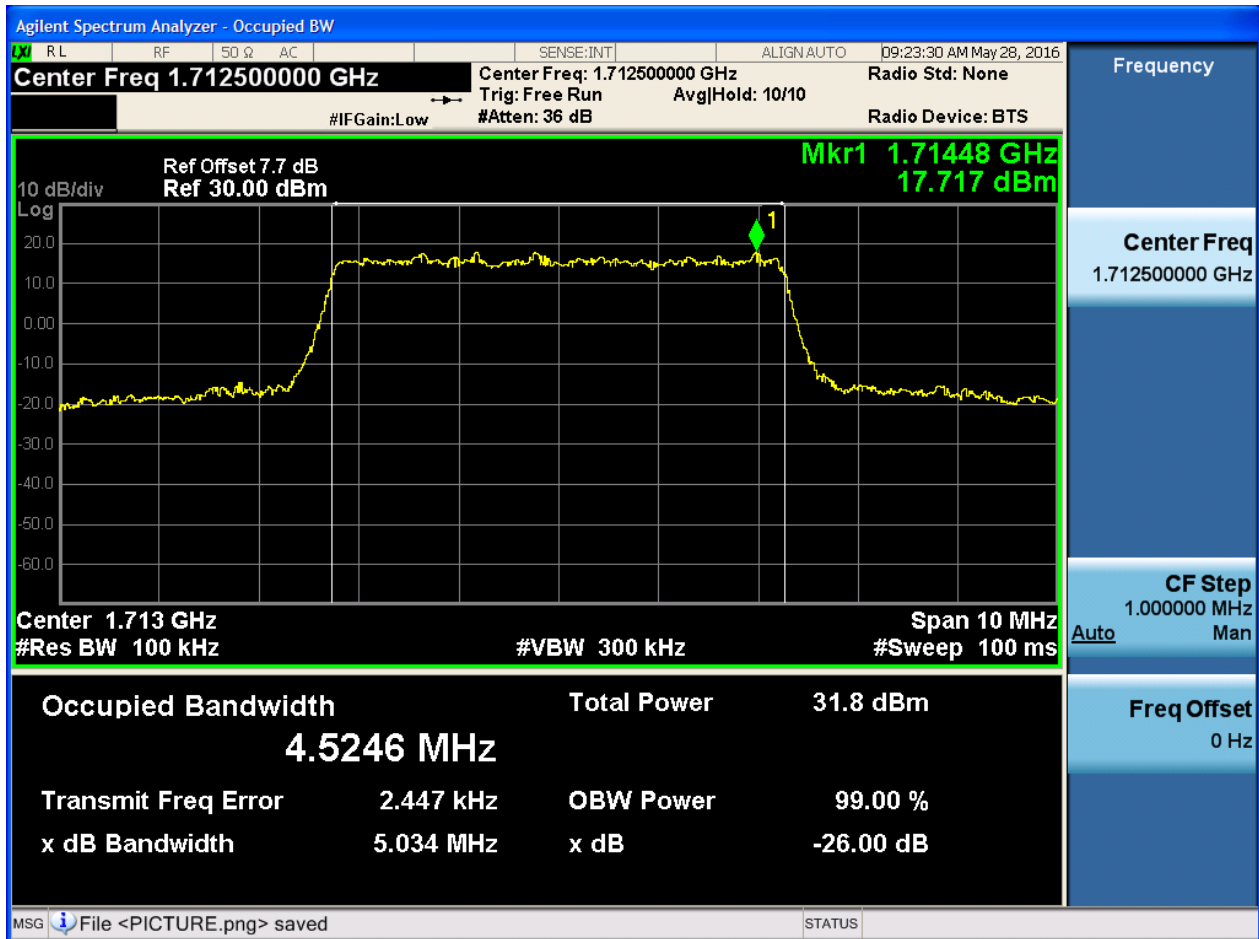




4.1.2.1.3 Test Bandwidth = 5

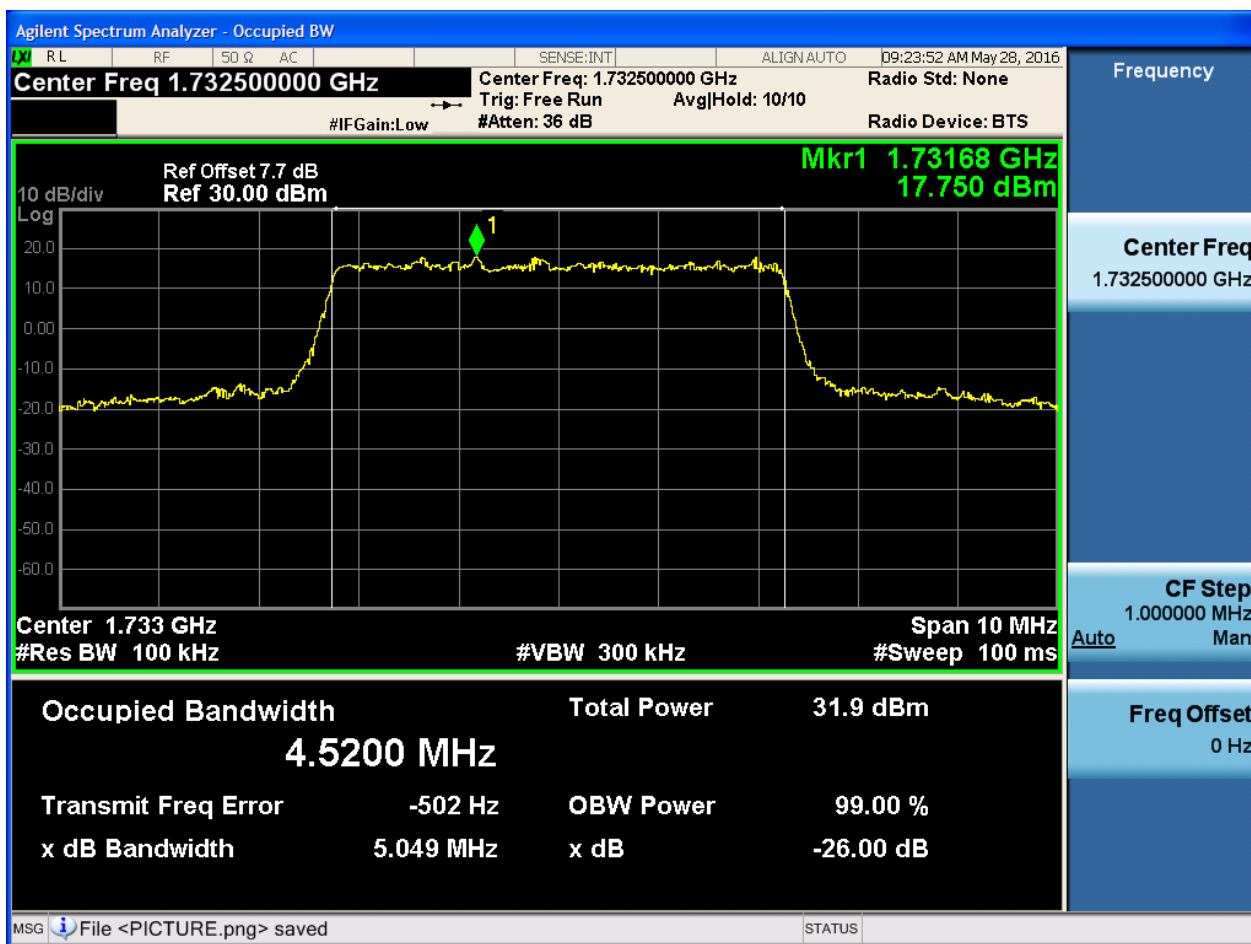
4.1.2.1.3.1 Test Channel = LCH

4.1.2.1.3.1.1 Test RB = RB25#0



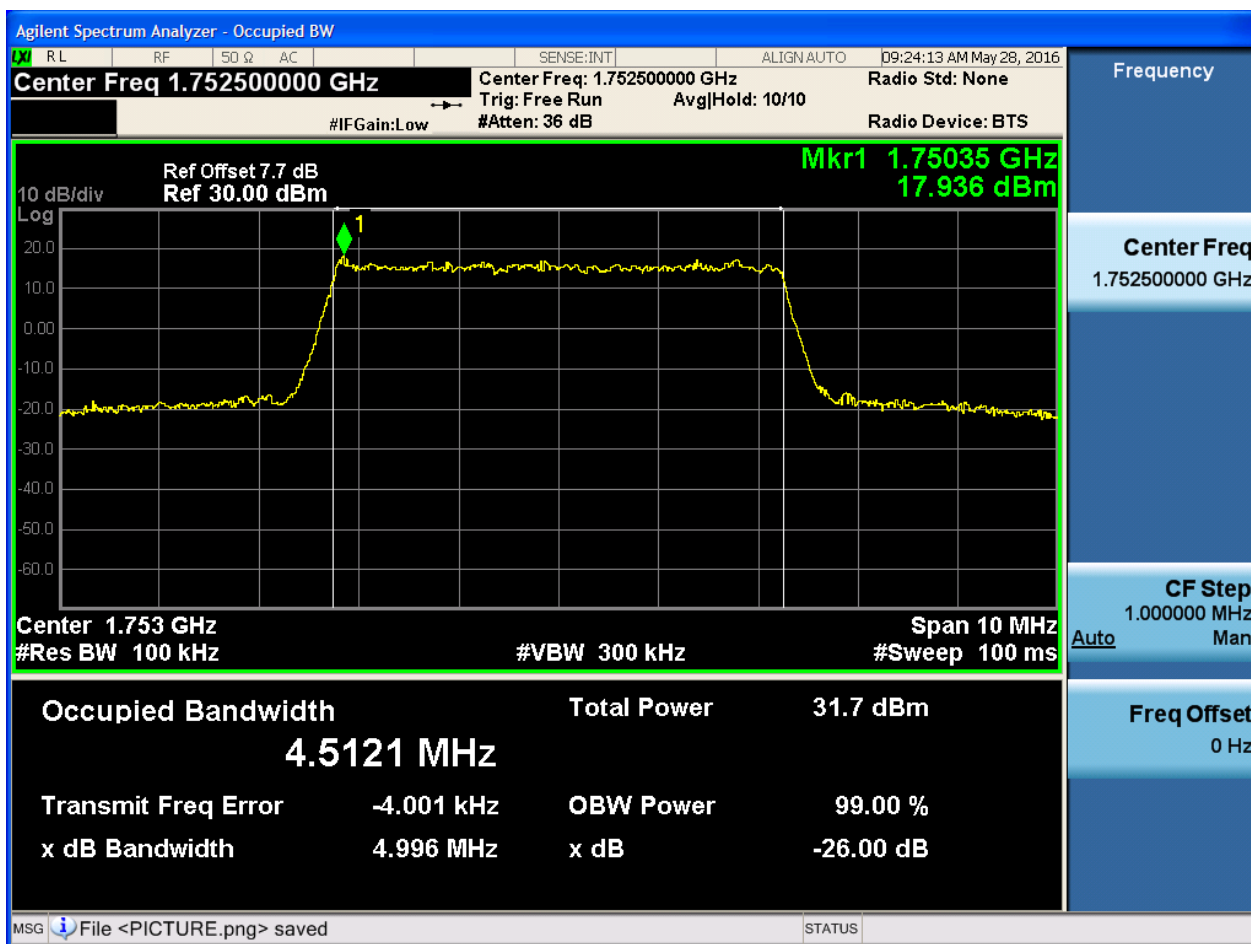
4.1.2.1.3.2 Test Channel = MCH

4.1.2.1.3.2.1 Test RB = RB25#0



4.1.2.1.3.3 Test Channel = HCH

4.1.2.1.3.3.1 Test RB = RB25#0

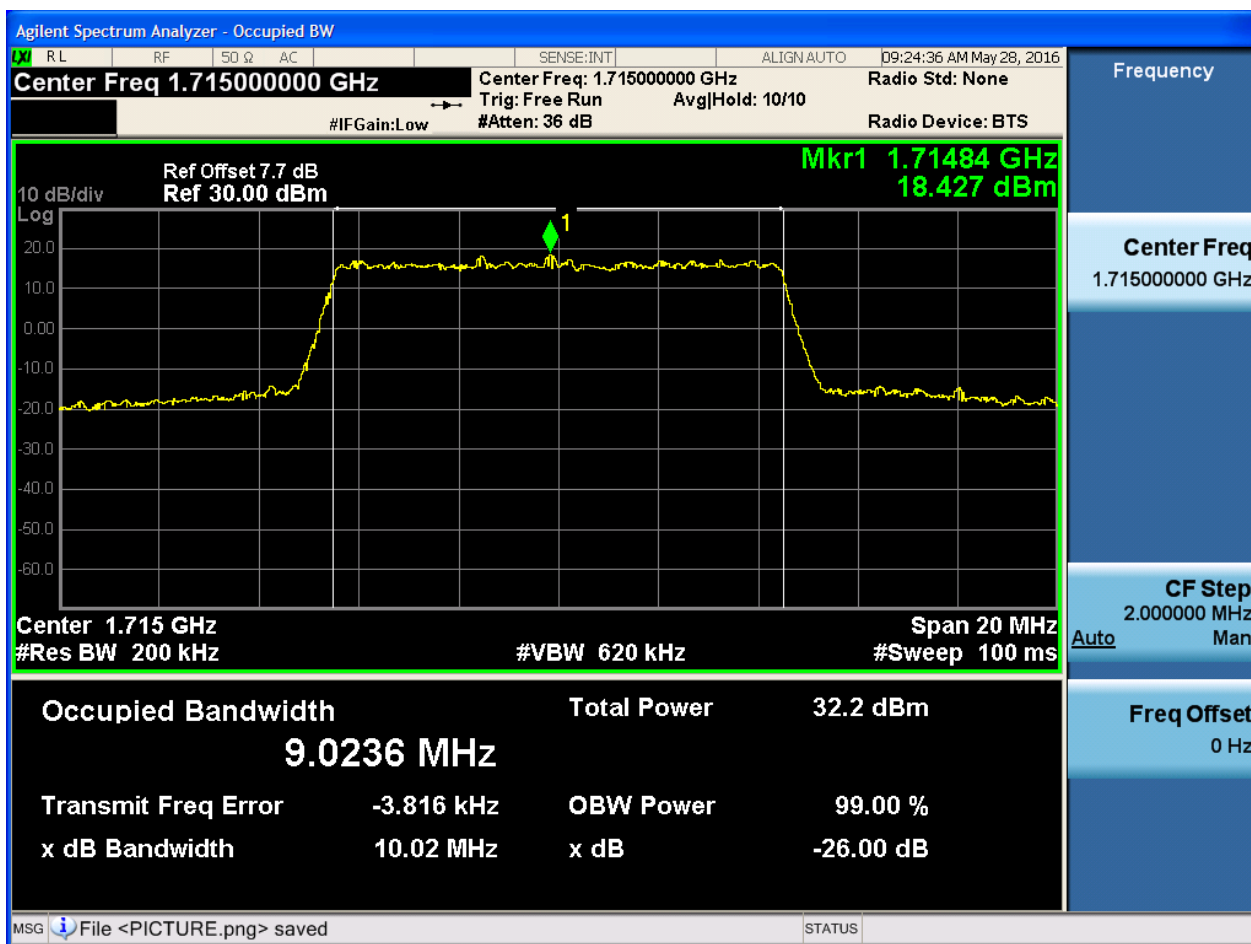




4.1.2.1.4 Test Bandwidth = 10

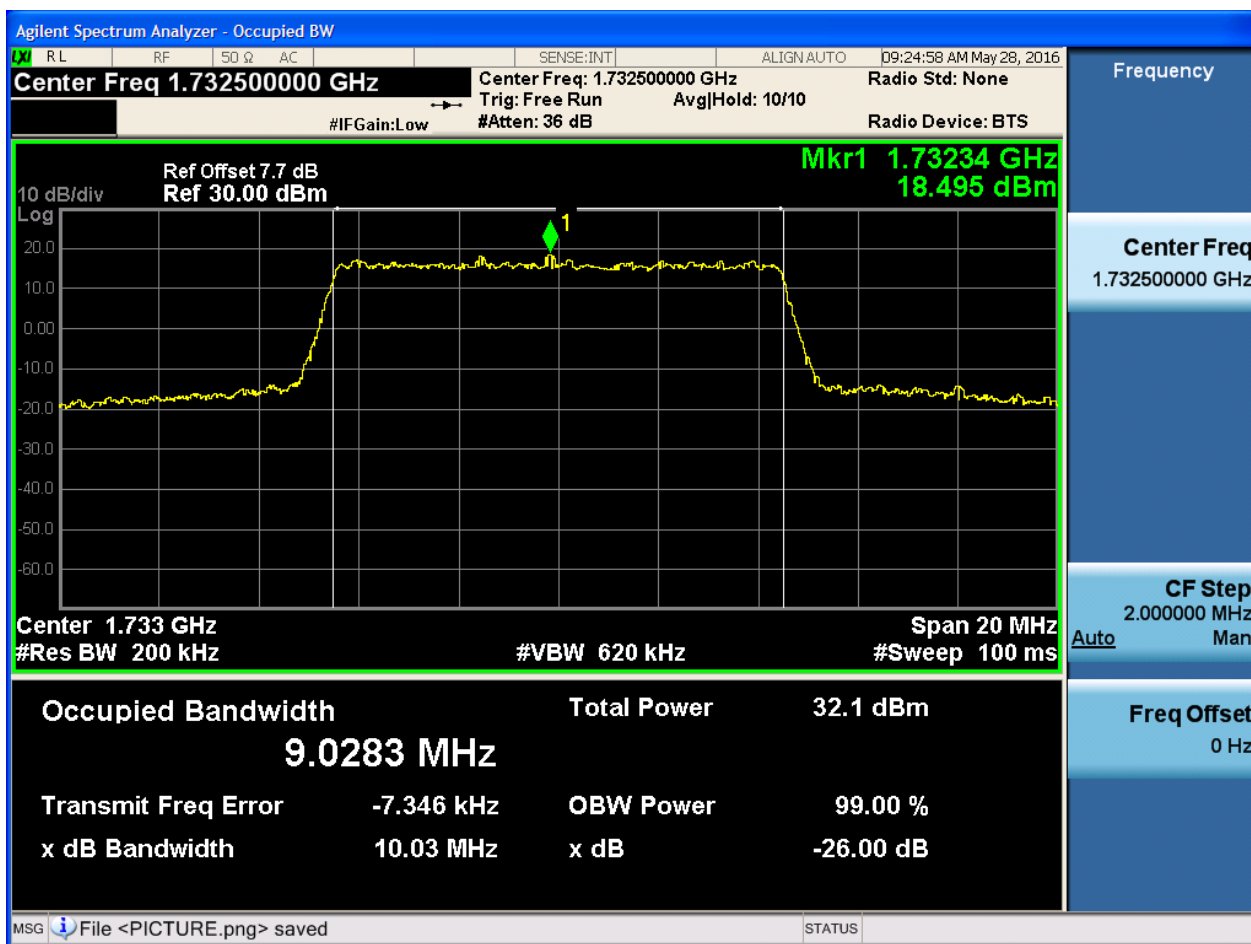
4.1.2.1.4.1 Test Channel = LCH

4.1.2.1.4.1.1 Test RB = RB50#0



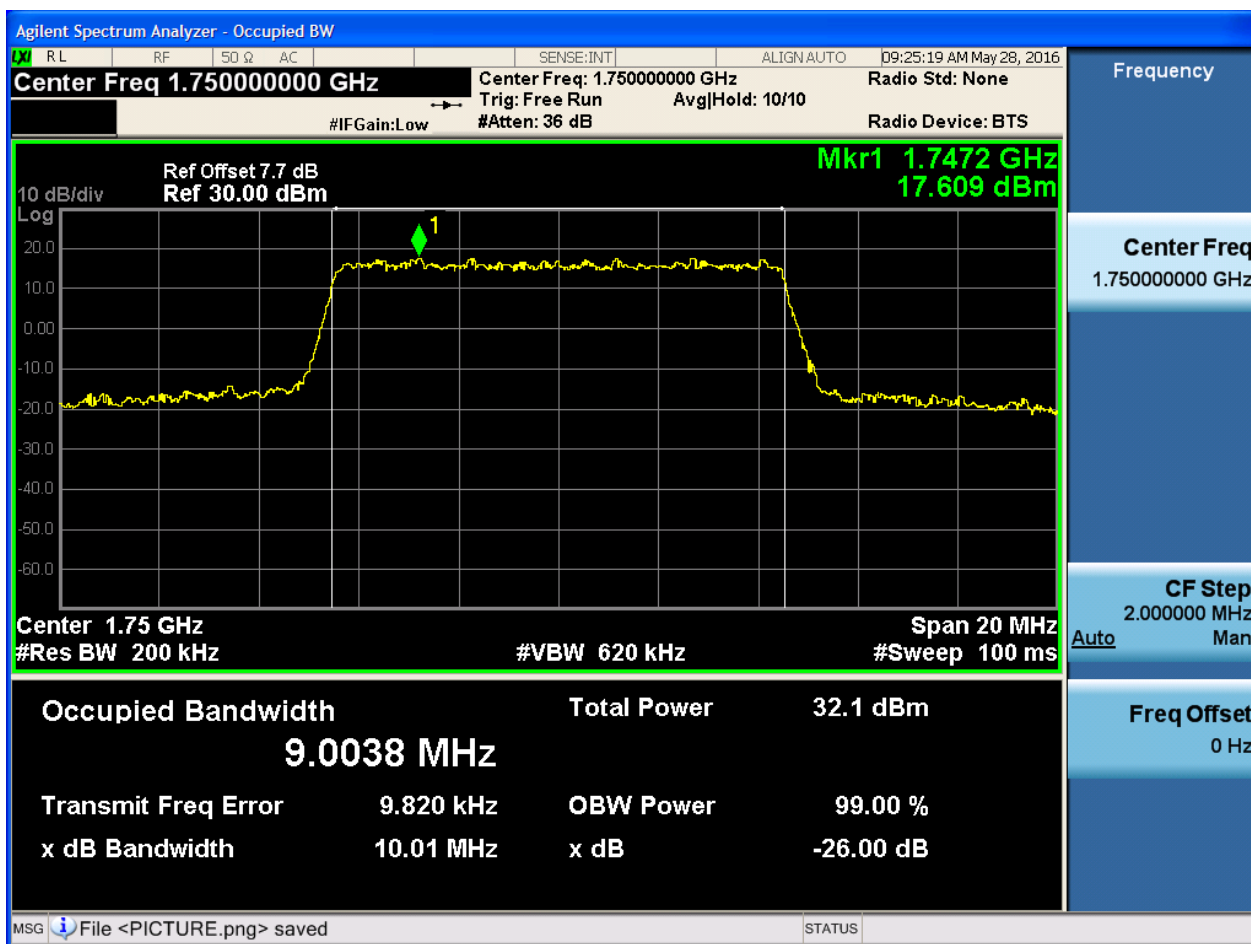
4.1.2.1.4.2 Test Channel = MCH

4.1.2.1.4.2.1 Test RB = RB50#0



4.1.2.1.4.3 Test Channel = HCH

4.1.2.1.4.3.1 Test RB = RB50#0

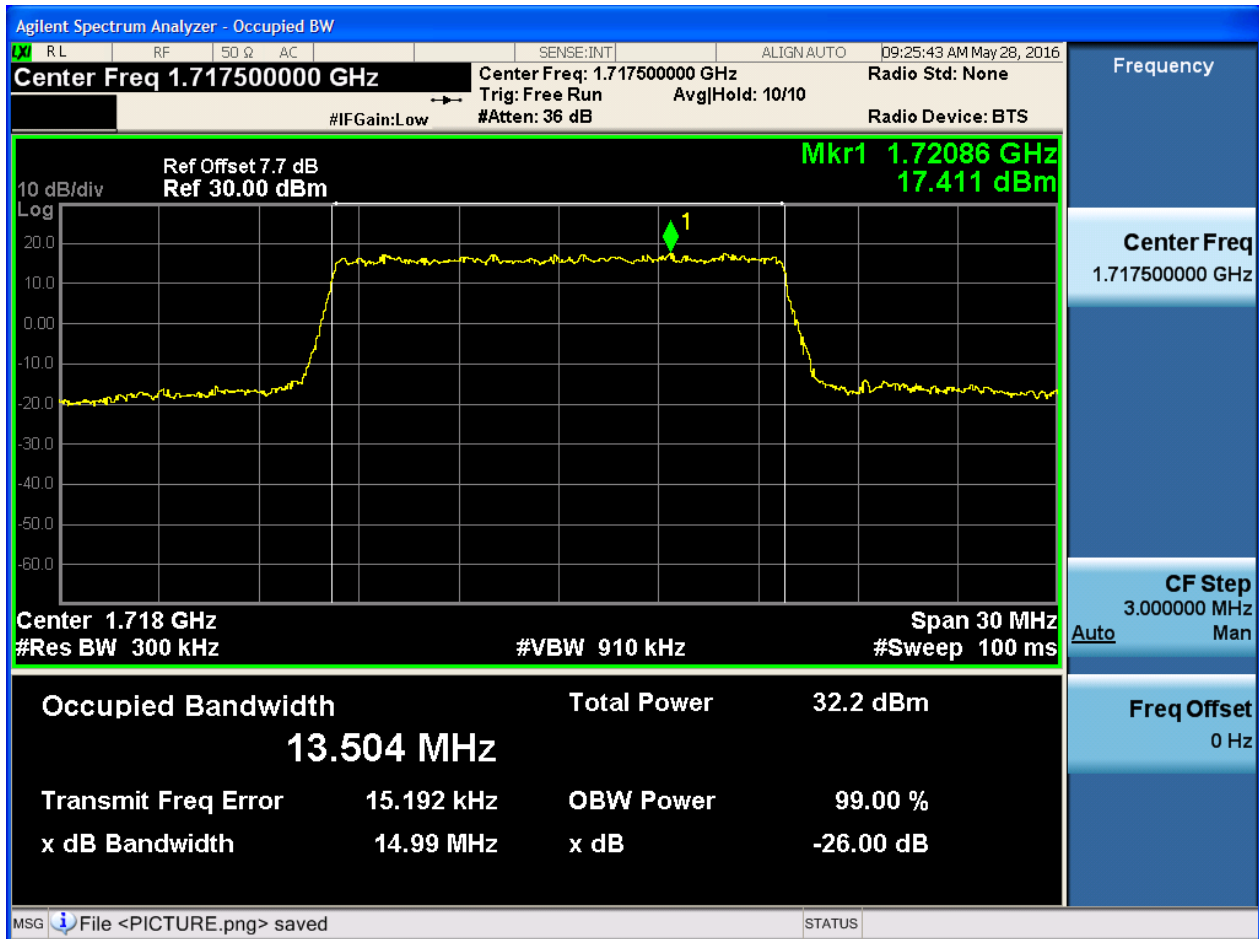




4.1.2.1.5 Test Bandwidth = 15

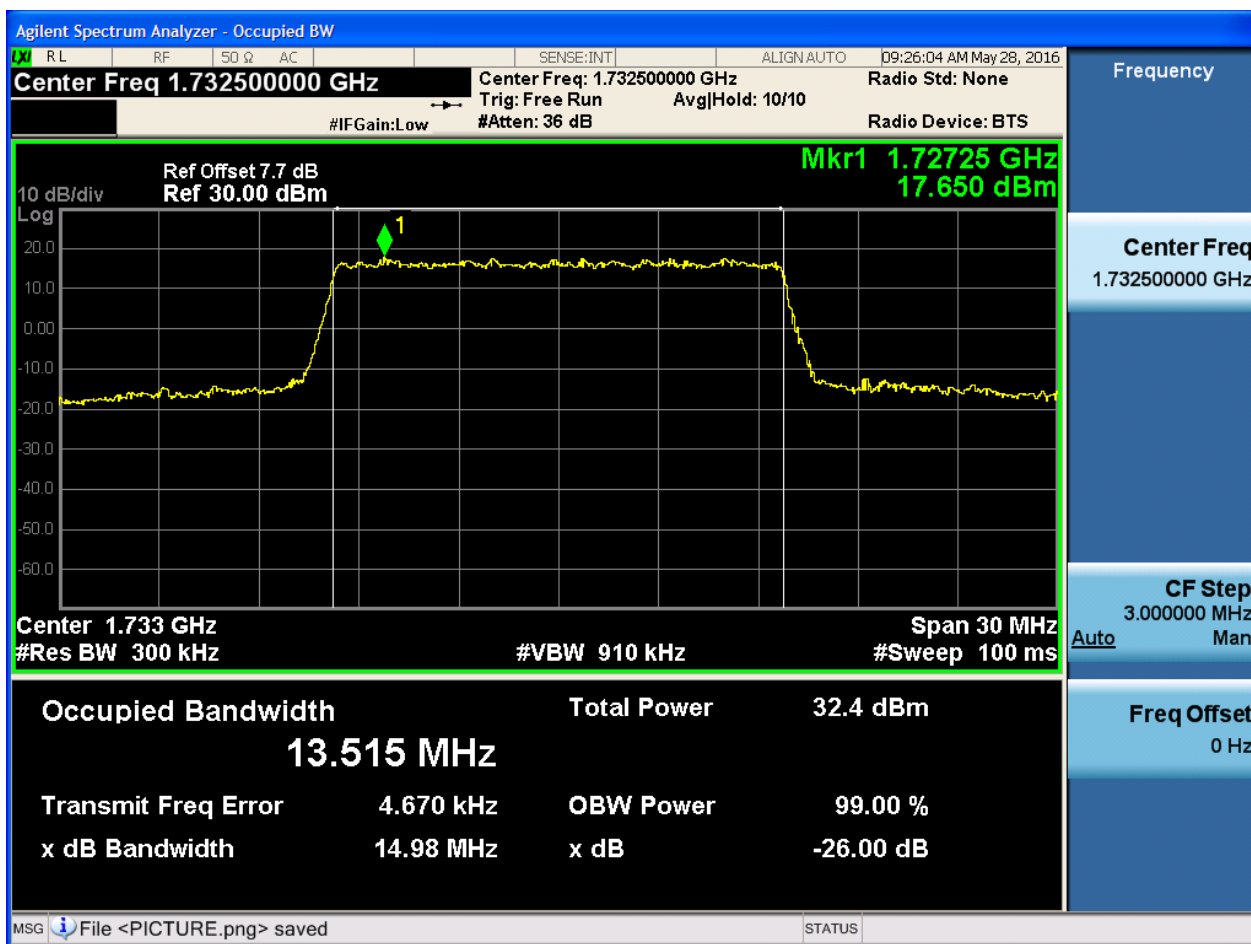
4.1.2.1.5.1 Test Channel = LCH

4.1.2.1.5.1.1 Test RB = RB75#0



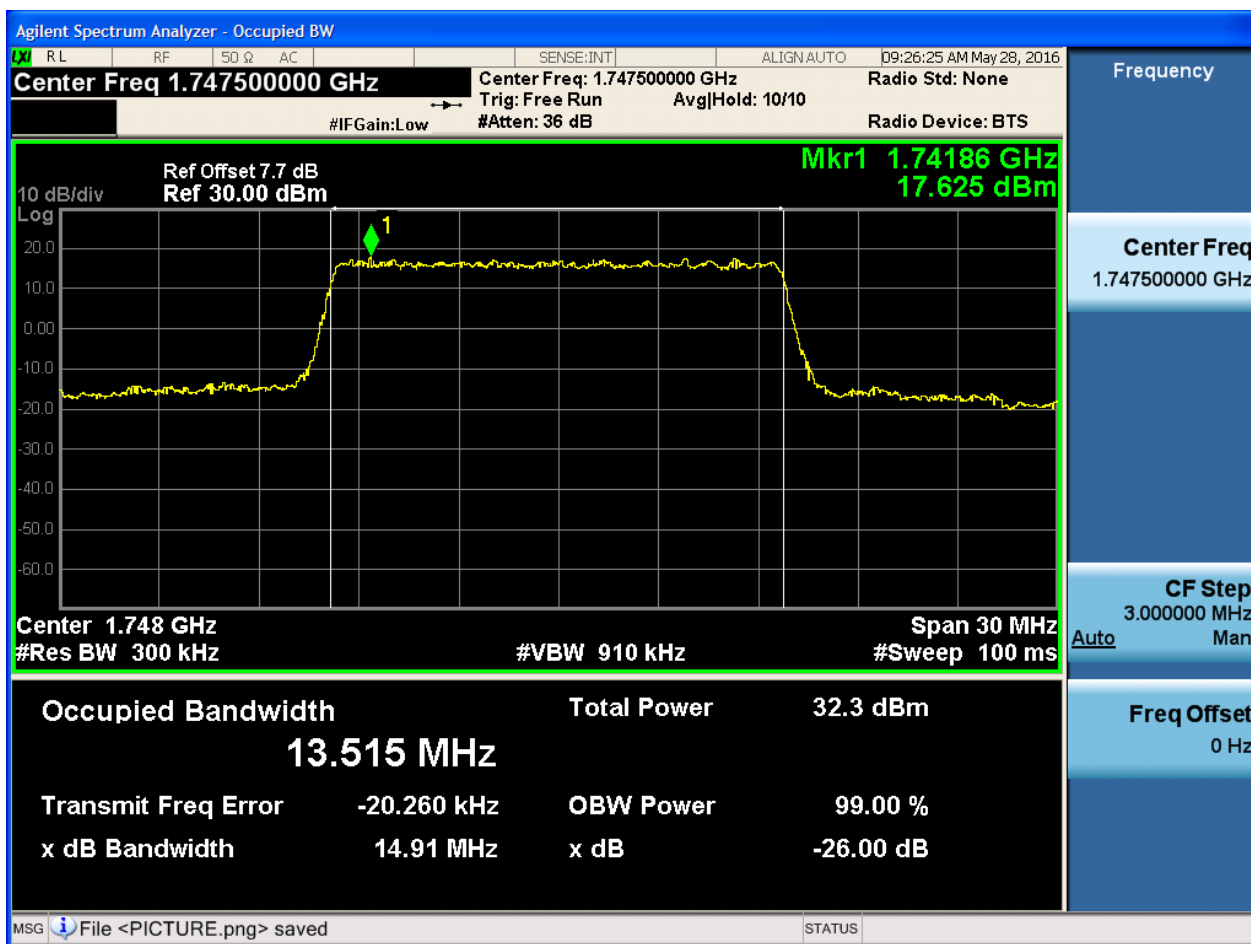
4.1.2.1.5.2 Test Channel = MCH

4.1.2.1.5.2.1 Test RB = RB75#0



4.1.2.1.5.3 Test Channel = HCH

4.1.2.1.5.3.1 Test RB = RB75#0

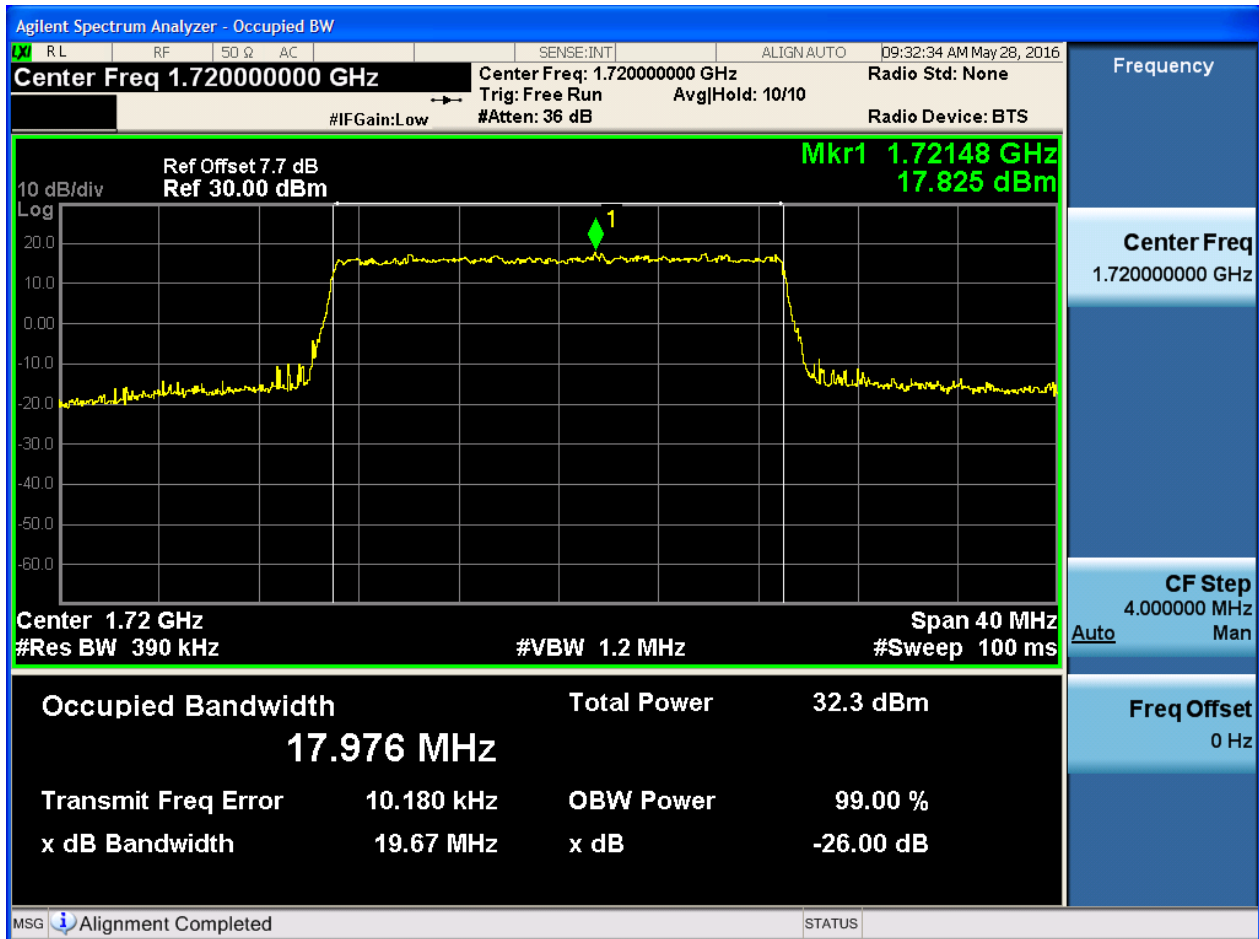




4.1.2.1.6 Test Bandwidth = 20

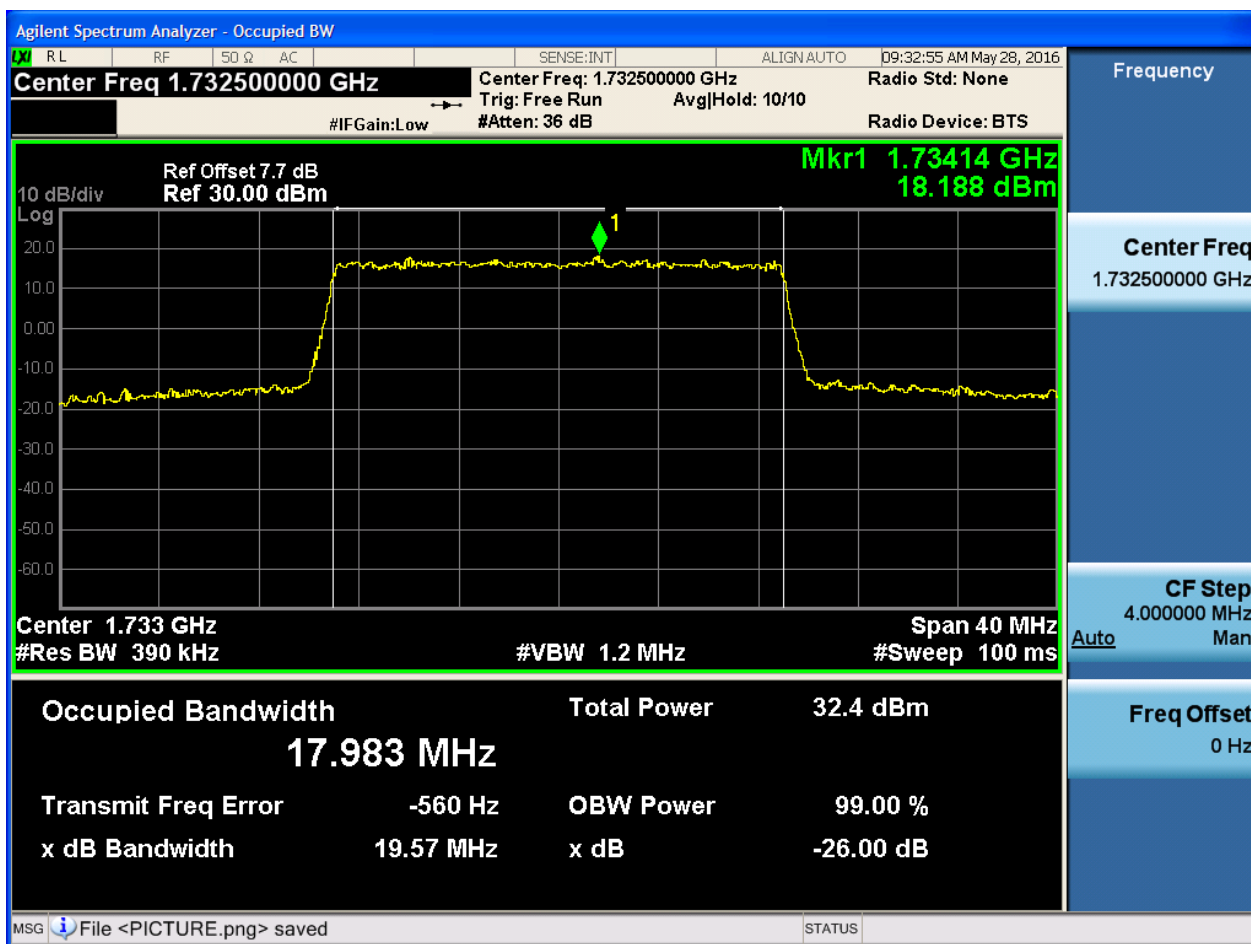
4.1.2.1.6.1 Test Channel = LCH

4.1.2.1.6.1.1 Test RB = RB100#0



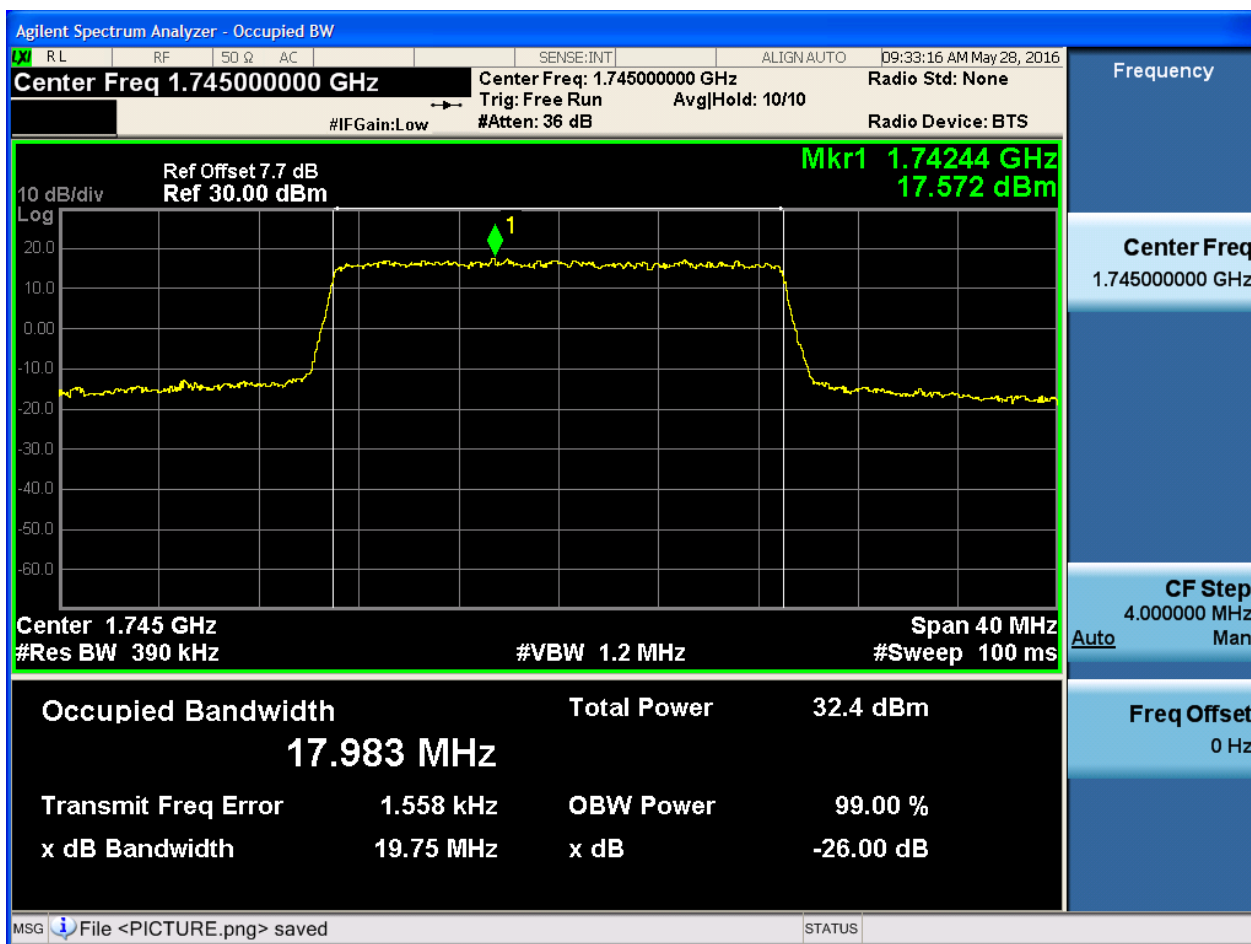
4.1.2.1.6.2 Test Channel = MCH

4.1.2.1.6.2.1 Test RB = RB100#0



4.1.2.1.6.3 Test Channel = HCH

4.1.2.1.6.3.1 Test RB = RB100#0

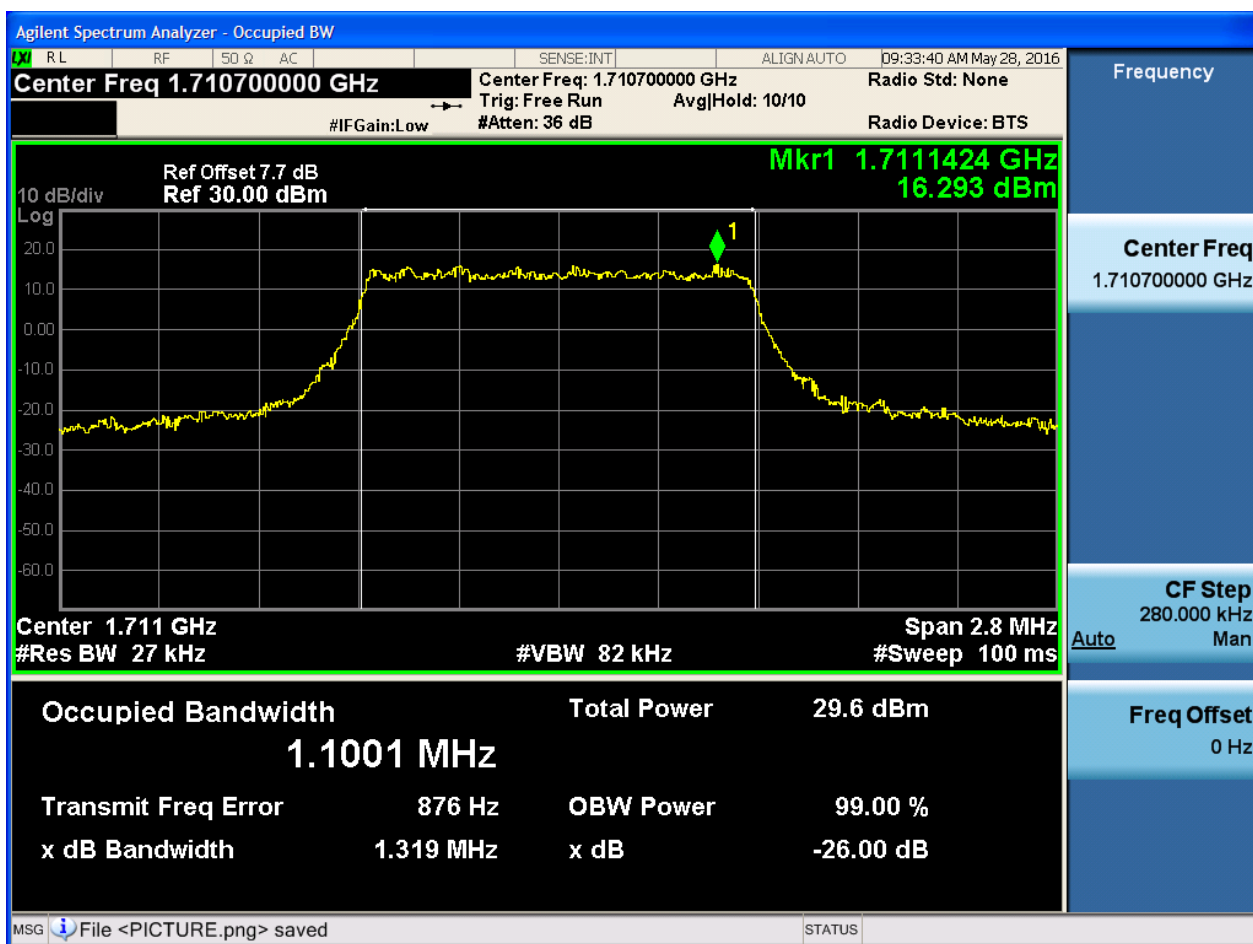


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 1.4

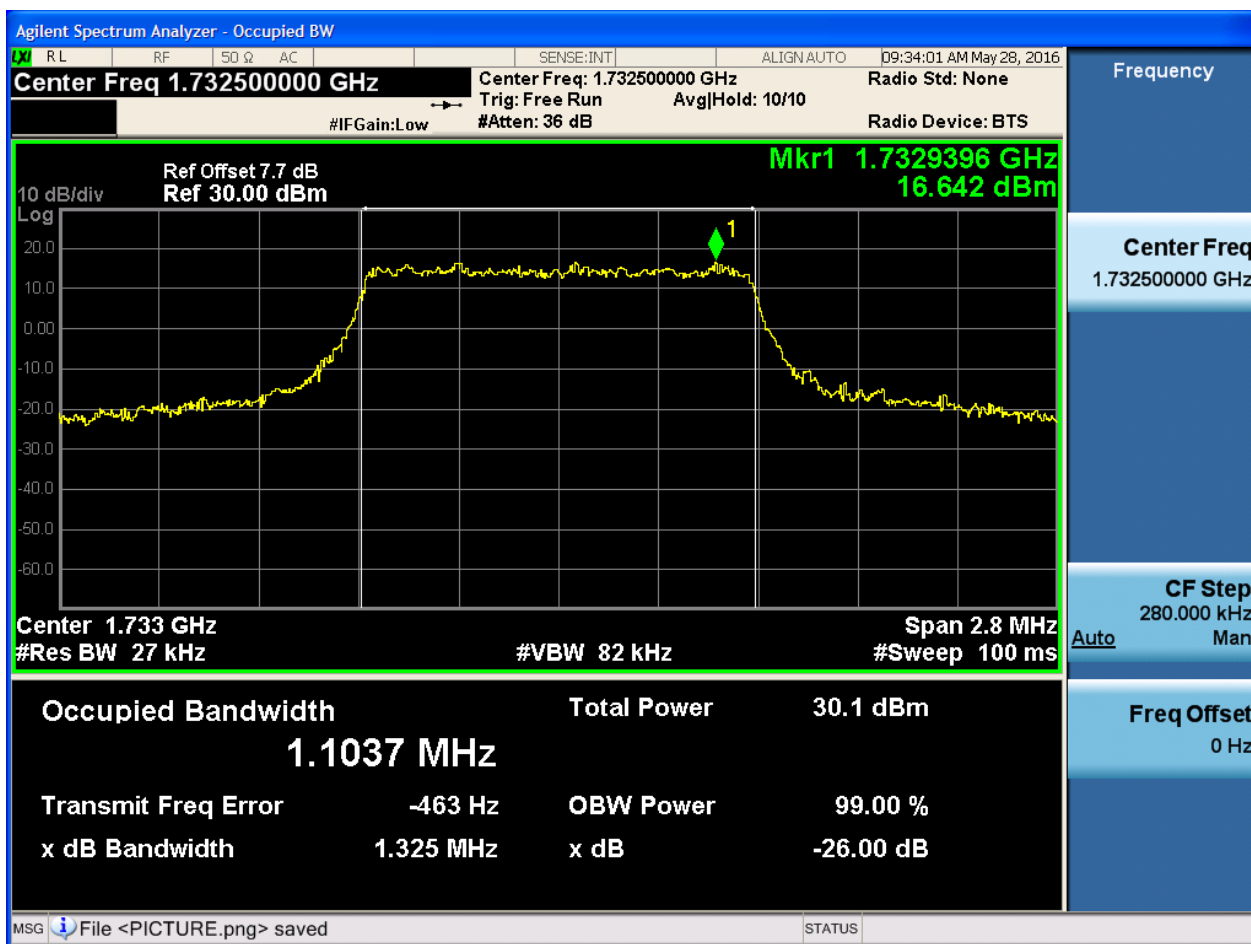
4.1.2.2.1.1 Test Channel = LCH

4.1.2.2.1.1.1 Test RB = RB6#0



4.1.2.2.1.2 Test Channel = MCH

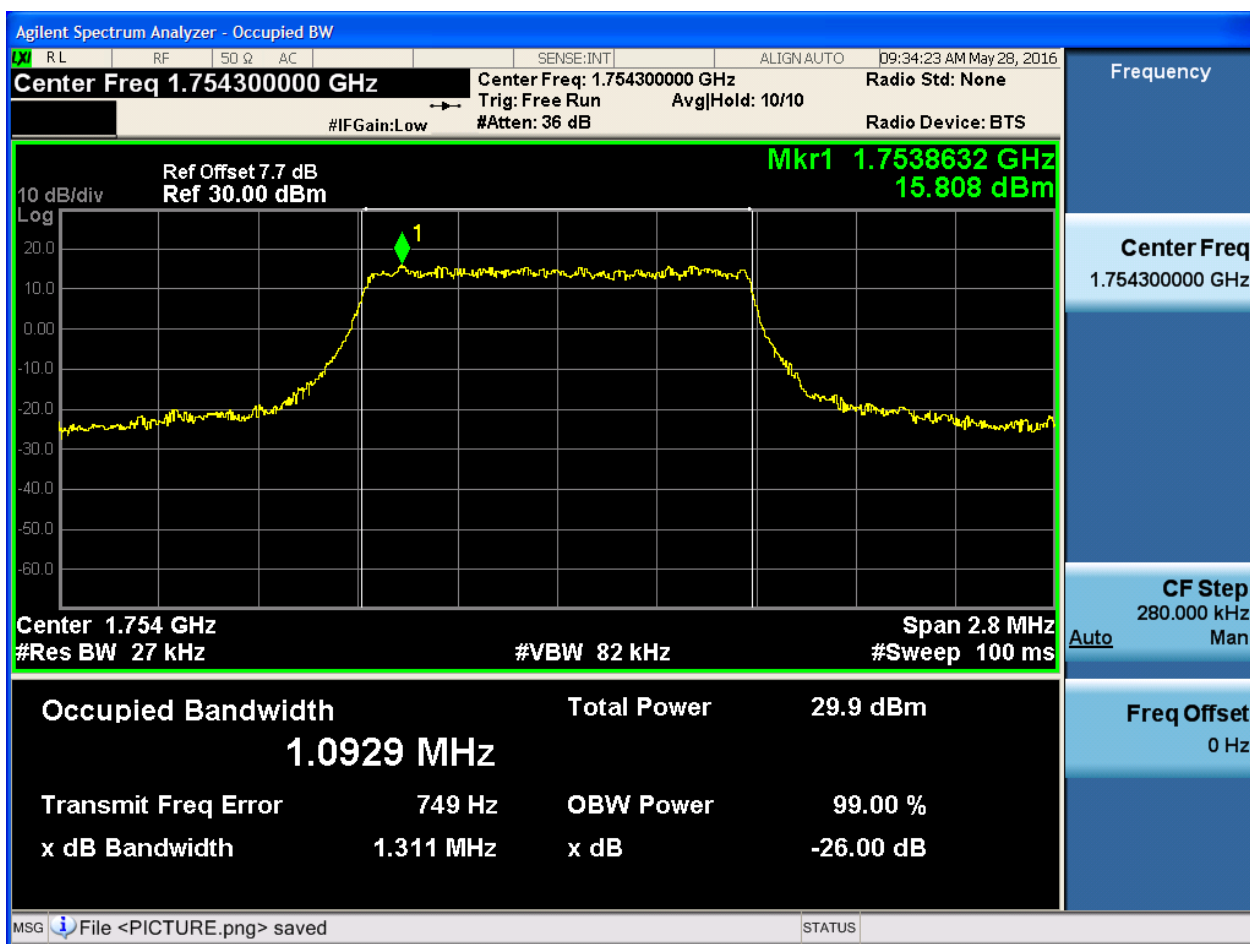
4.1.2.2.1.2.1 Test RB = RB6#0





4.1.2.2.1.3 Test Channel = HCH

4.1.2.2.1.3.1 Test RB = RB6#0

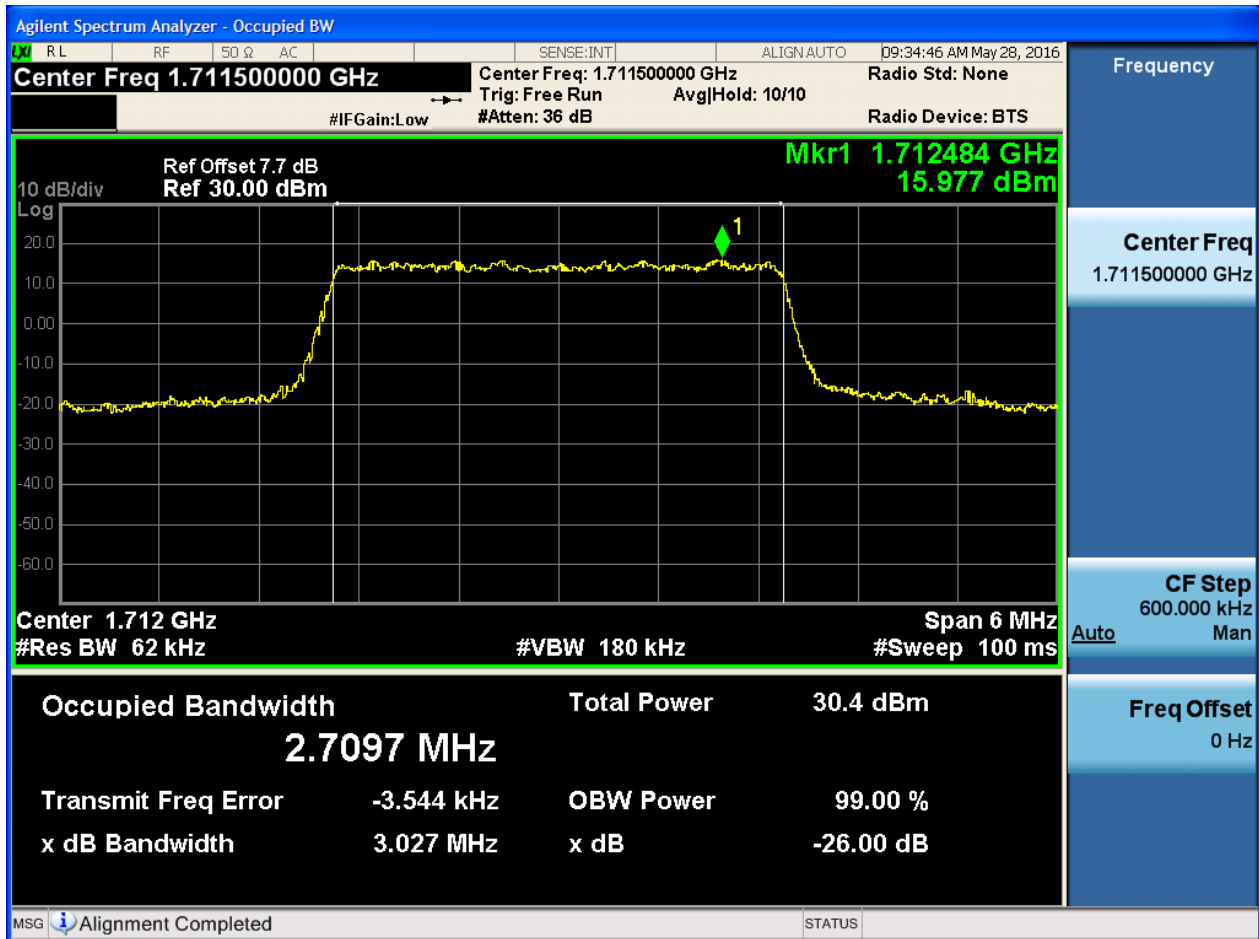




4.1.2.2.2 Test Bandwidth = 3

4.1.2.2.2.1 Test Channel = LCH

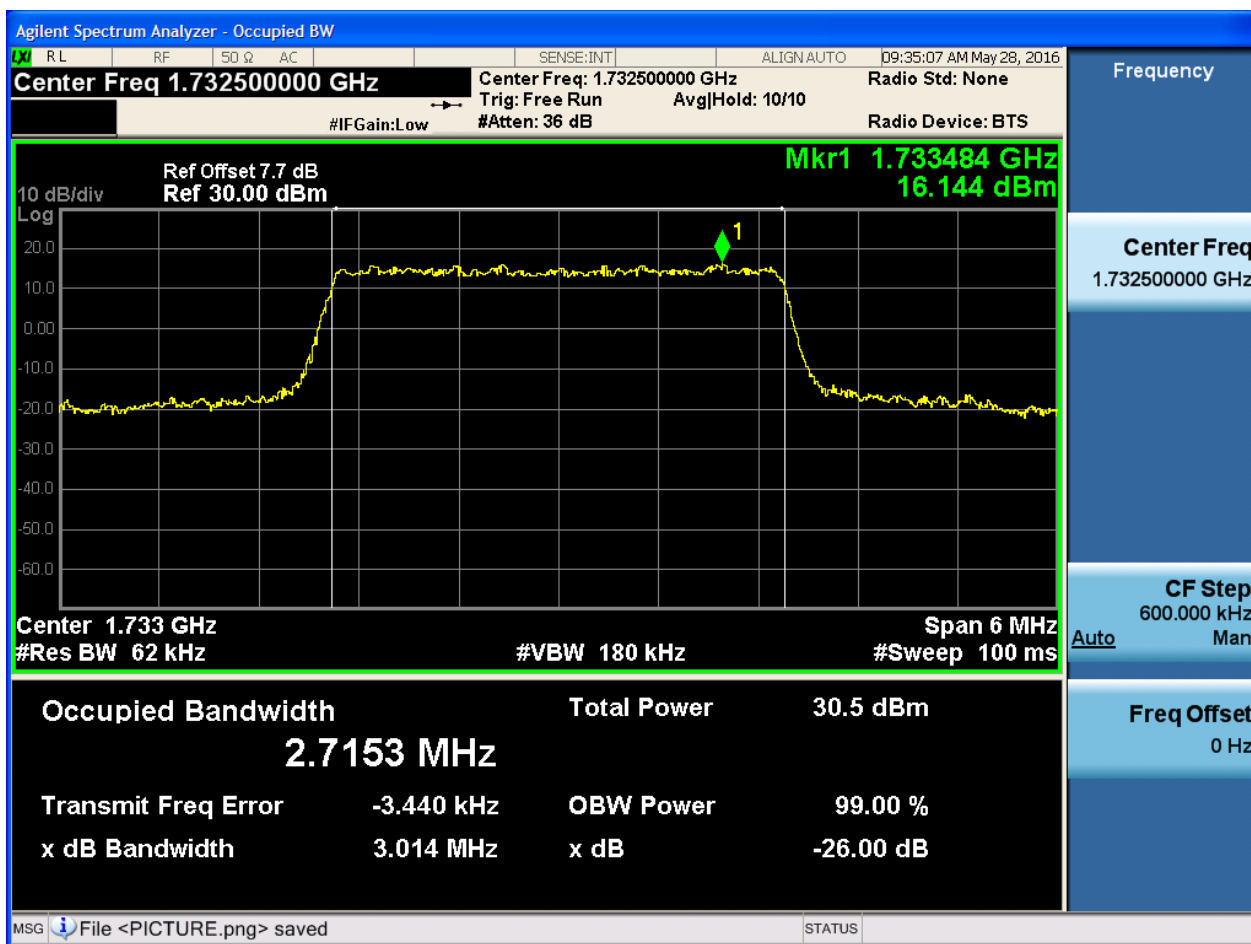
4.1.2.2.2.1.1 Test RB = RB15#0





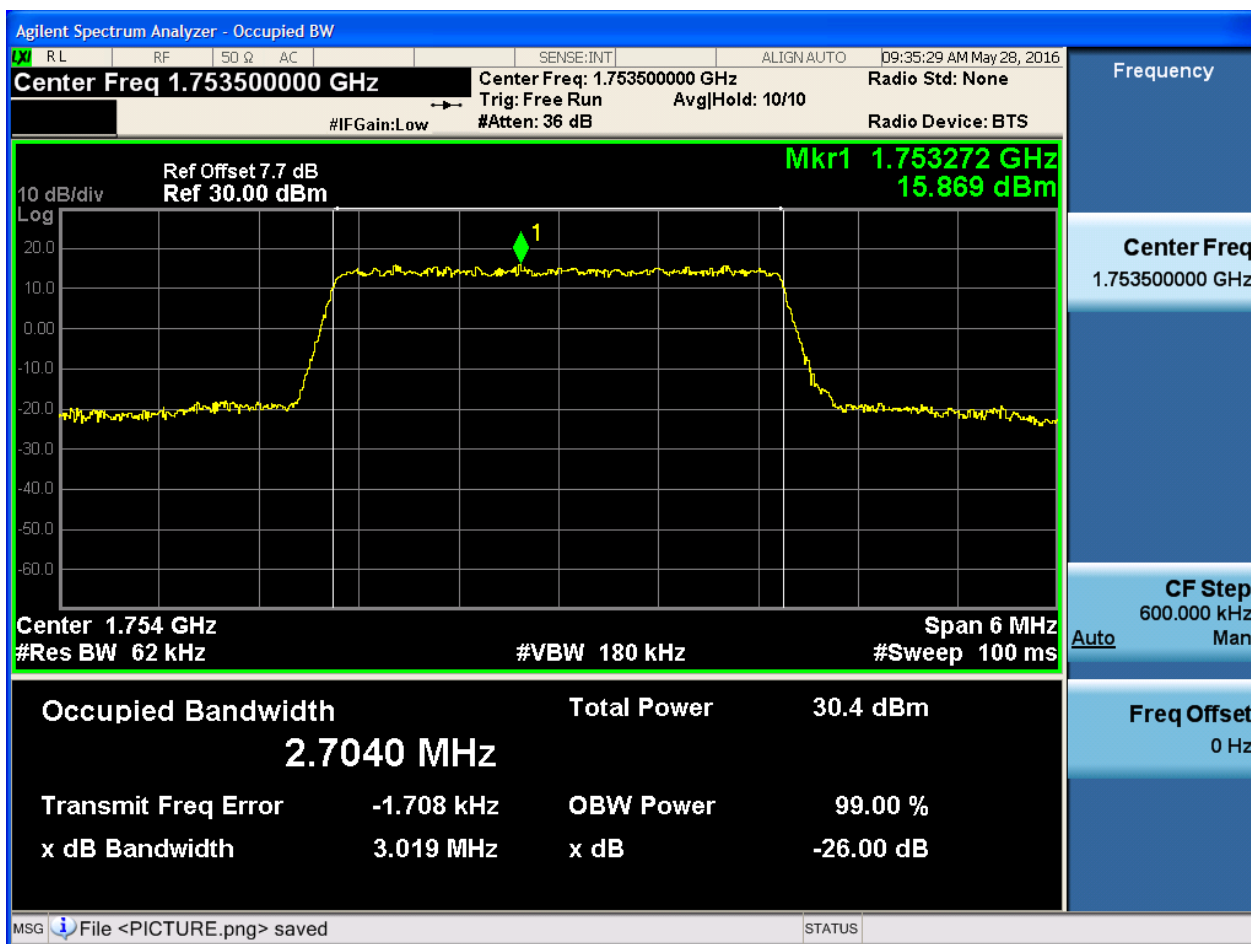
4.1.2.2.2 Test Channel = MCH

4.1.2.2.2.1 Test RB = RB15#0



4.1.2.2.2.3 Test Channel = HCH

4.1.2.2.2.3.1 Test RB = RB15#0

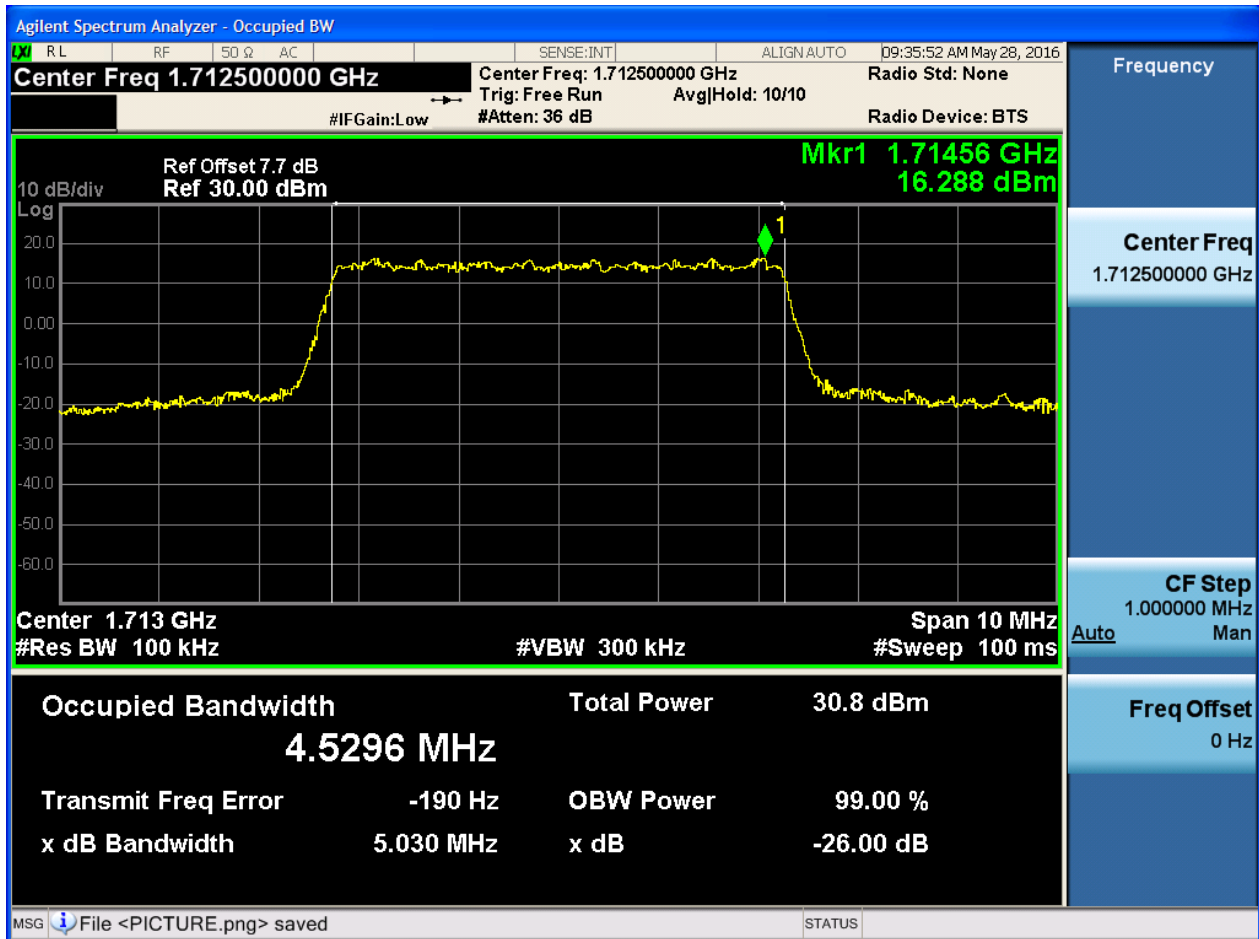




4.1.2.2.3 Test Bandwidth = 5

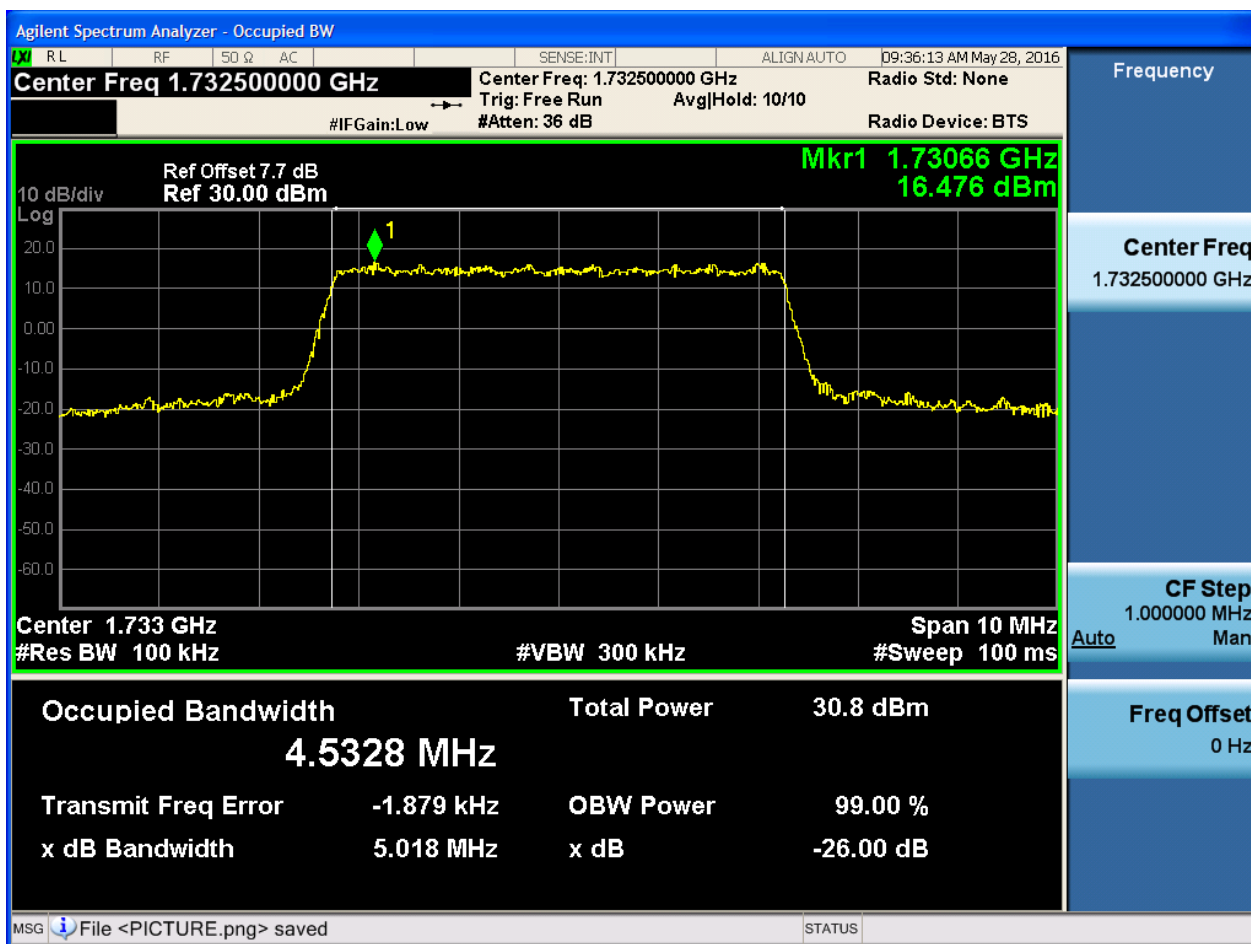
4.1.2.2.3.1 Test Channel = LCH

4.1.2.2.3.1.1 Test RB = RB25#0



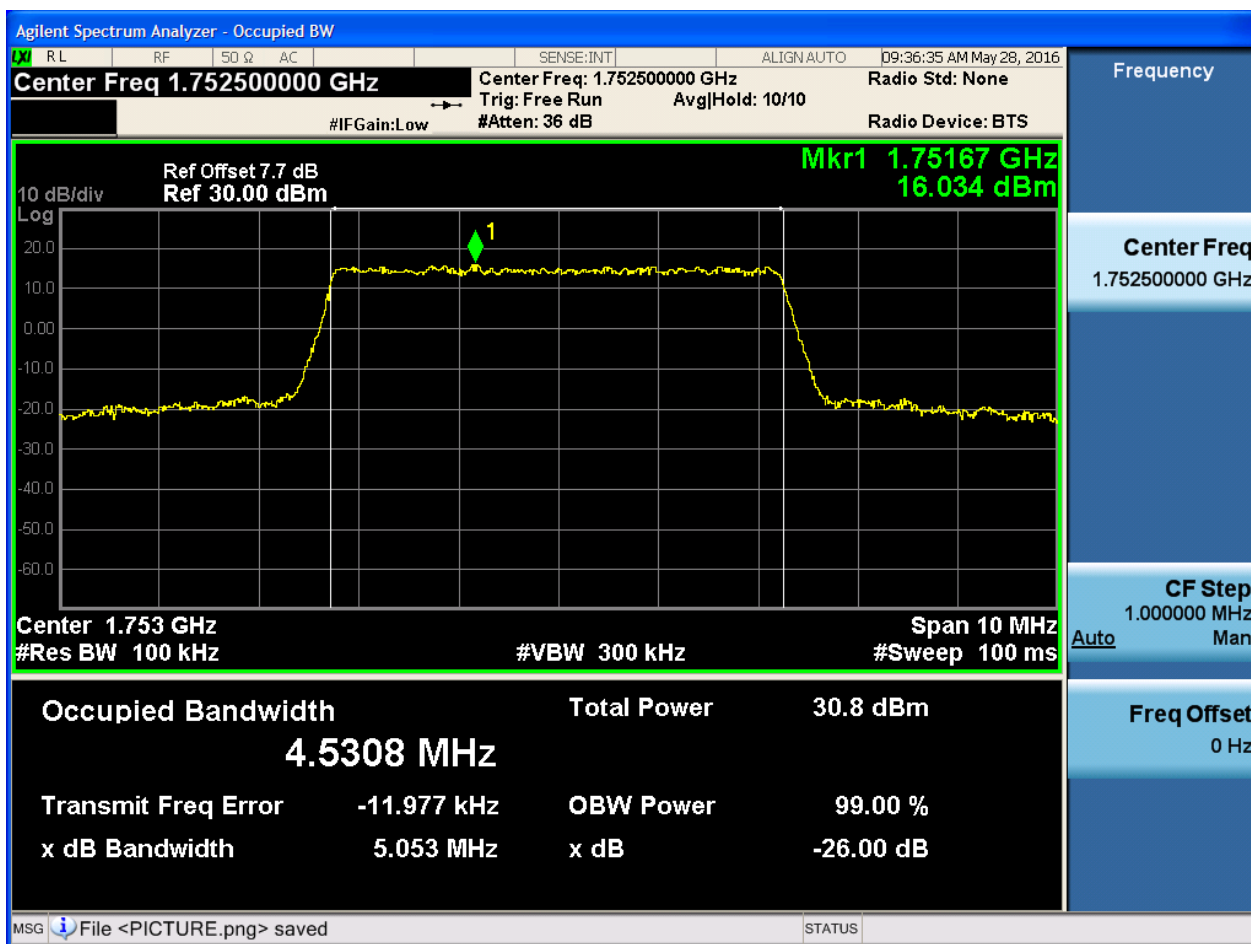
4.1.2.2.3.2 Test Channel = MCH

4.1.2.2.3.2.1 Test RB = RB25#0



4.1.2.2.3.3 Test Channel = HCH

4.1.2.2.3.3.1 Test RB = RB25#0

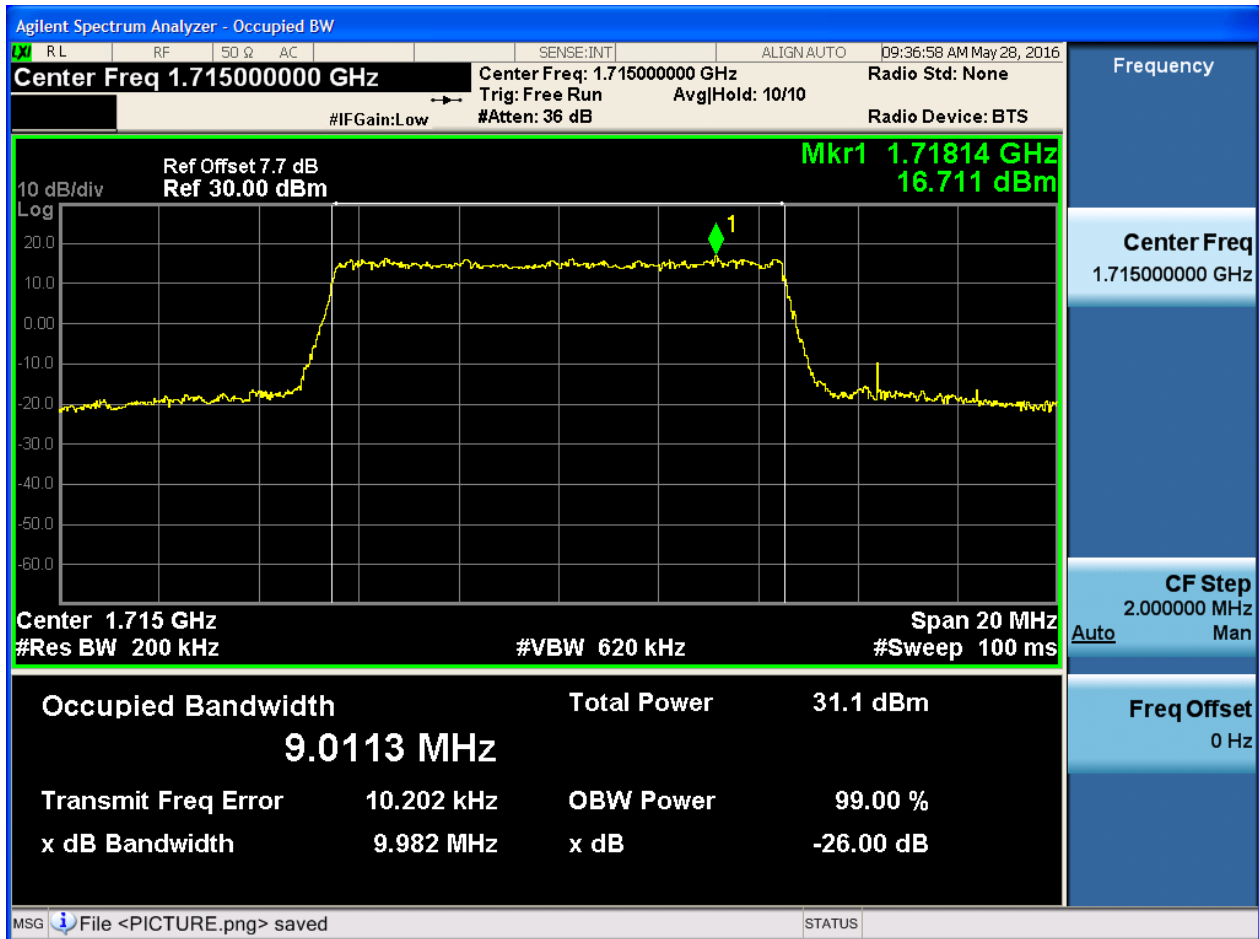




4.1.2.2.4 Test Bandwidth = 10

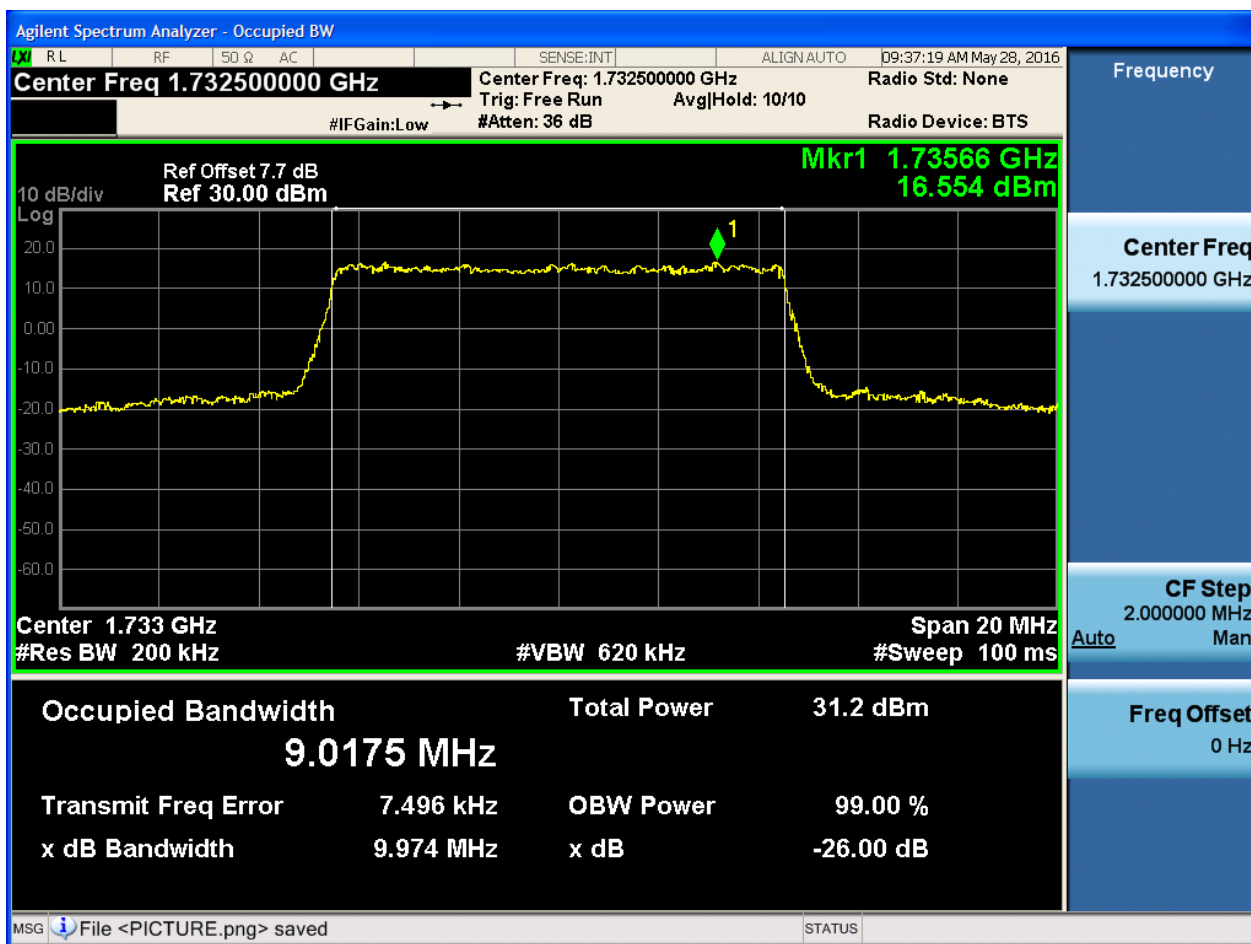
4.1.2.2.4.1 Test Channel = LCH

4.1.2.2.4.1.1 Test RB = RB50#0



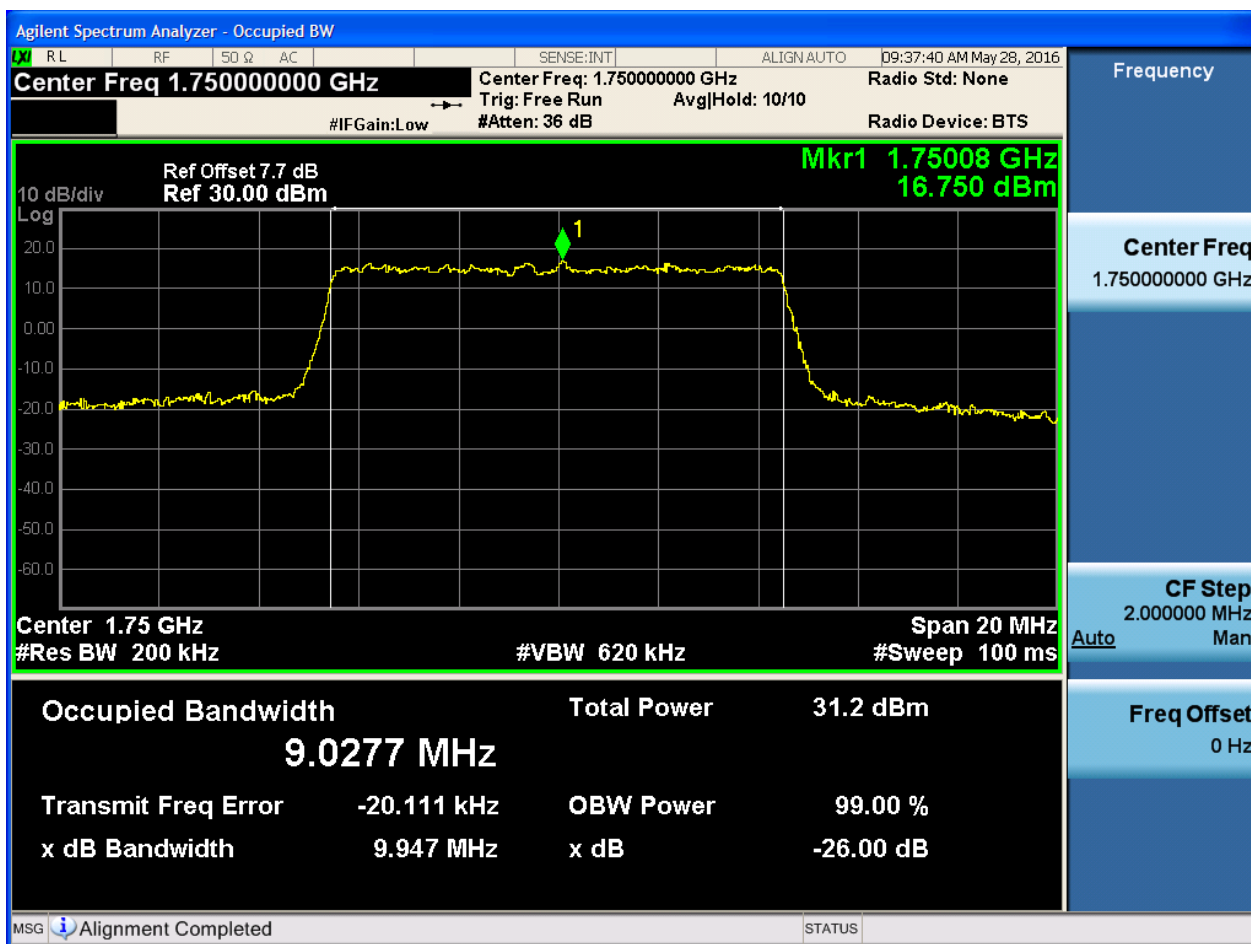
4.1.2.2.4.2 Test Channel = MCH

4.1.2.2.4.2.1 Test RB = RB50#0



4.1.2.2.4.3 Test Channel = HCH

4.1.2.2.4.3.1 Test RB = RB50#0

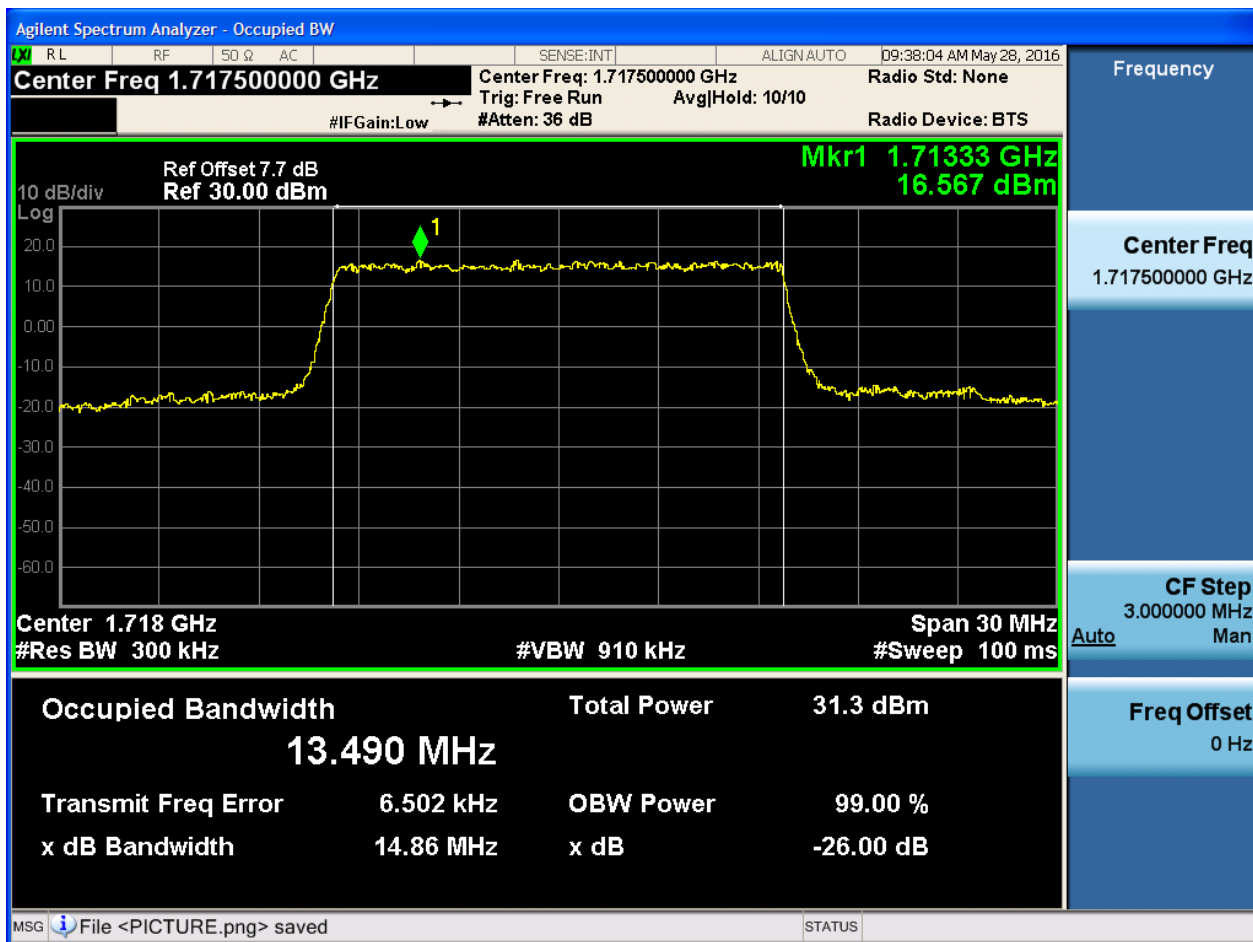




4.1.2.2.5 Test Bandwidth = 15

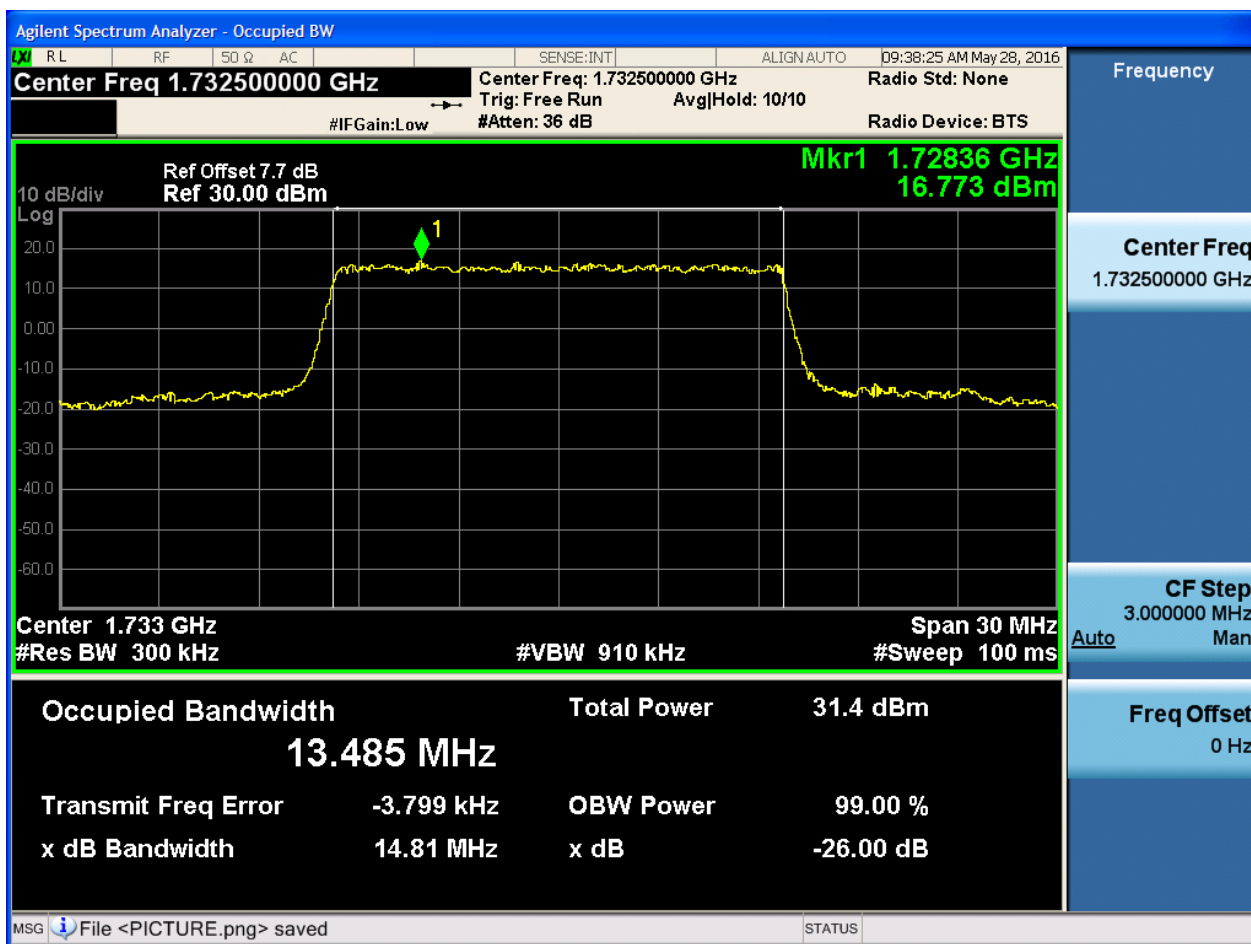
4.1.2.2.5.1 Test Channel = LCH

4.1.2.2.5.1.1 Test RB = RB75#0



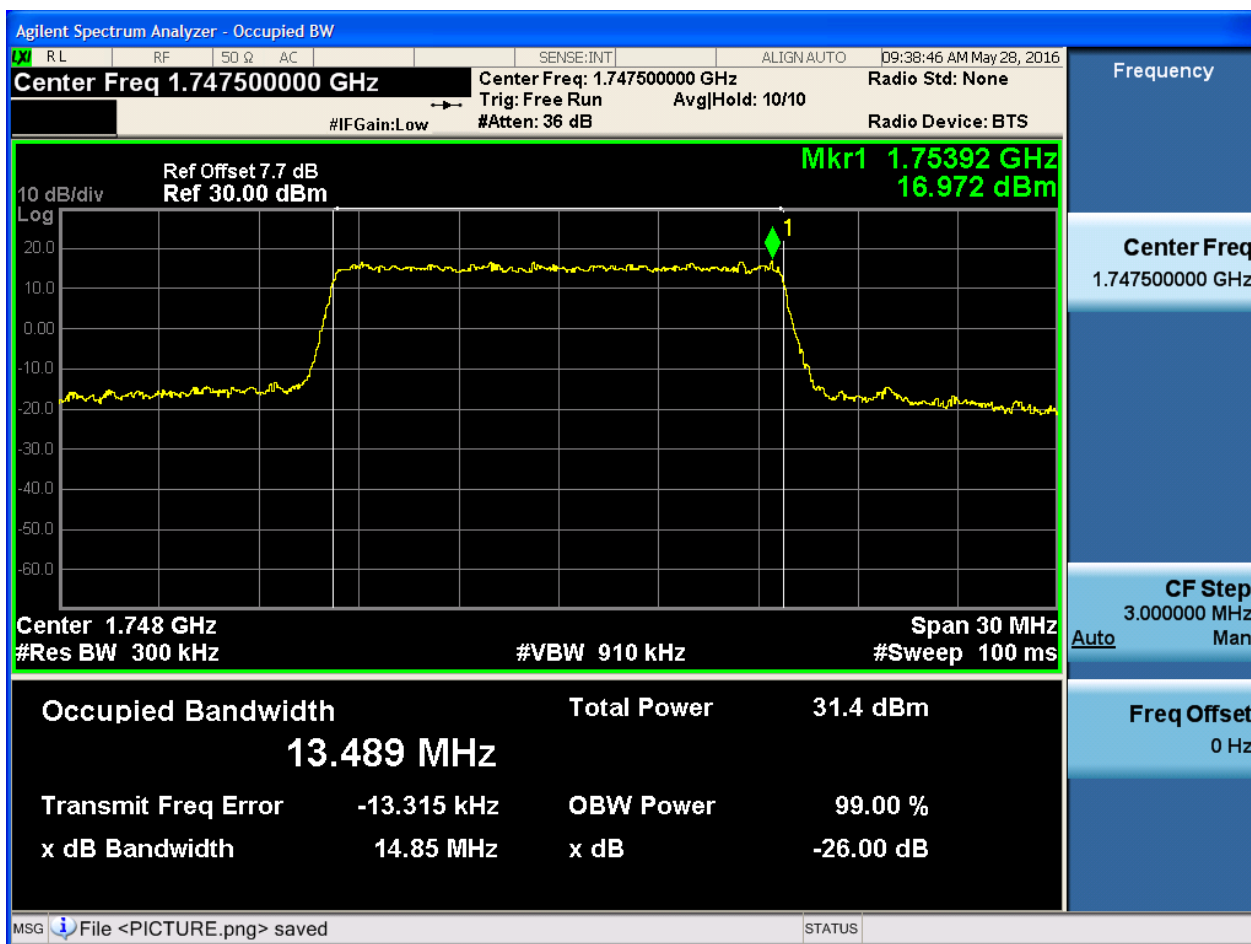
4.1.2.2.5.2 Test Channel = MCH

4.1.2.2.5.2.1 Test RB = RB75#0



4.1.2.2.5.3 Test Channel = HCH

4.1.2.2.5.3.1 Test RB = RB75#0

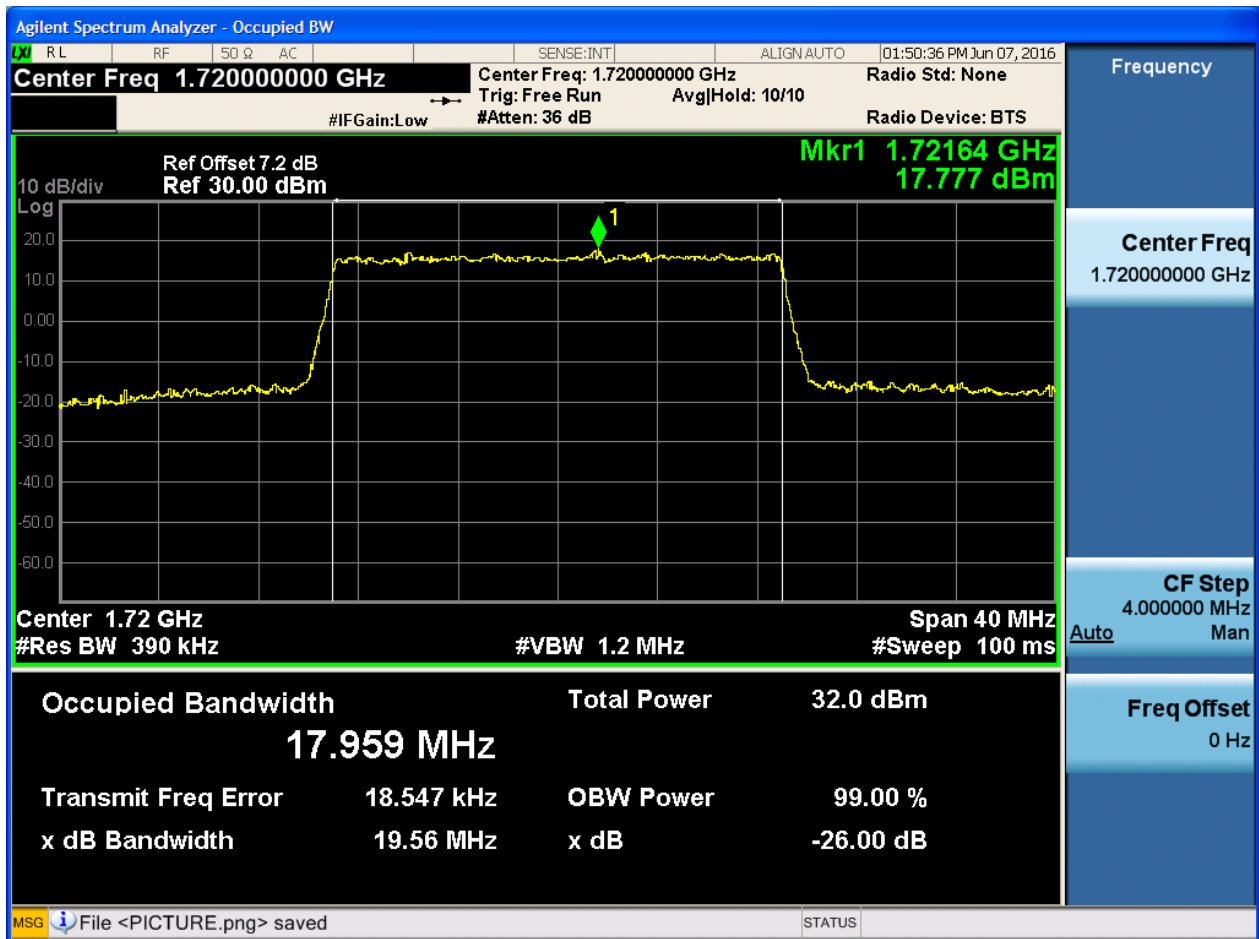




4.1.2.2.6 Test Bandwidth = 20

4.1.2.2.6.1 Test Channel = LCH

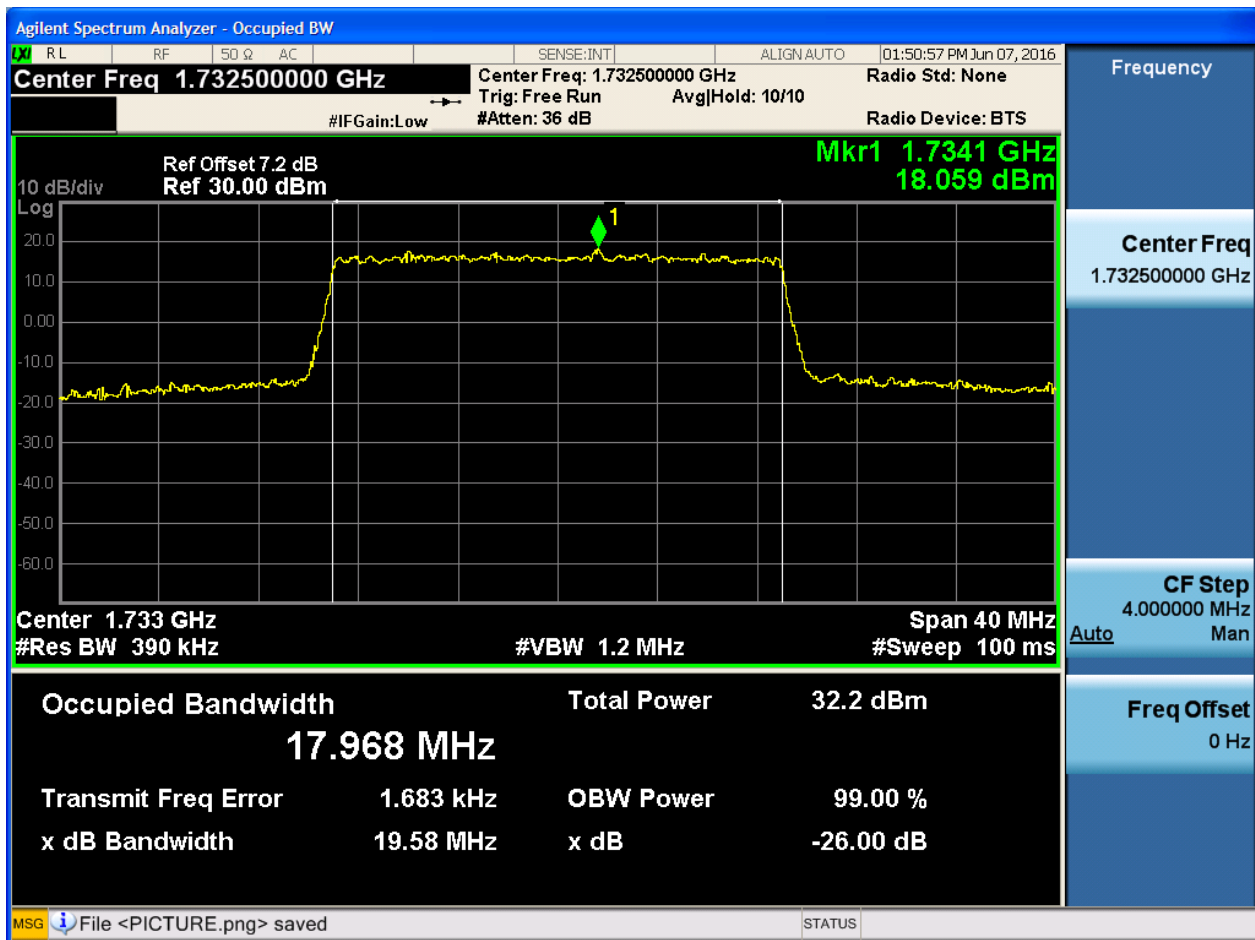
4.1.2.2.6.1.1 Test RB = RB100#0





4.1.2.2.6.2 Test Channel = MCH

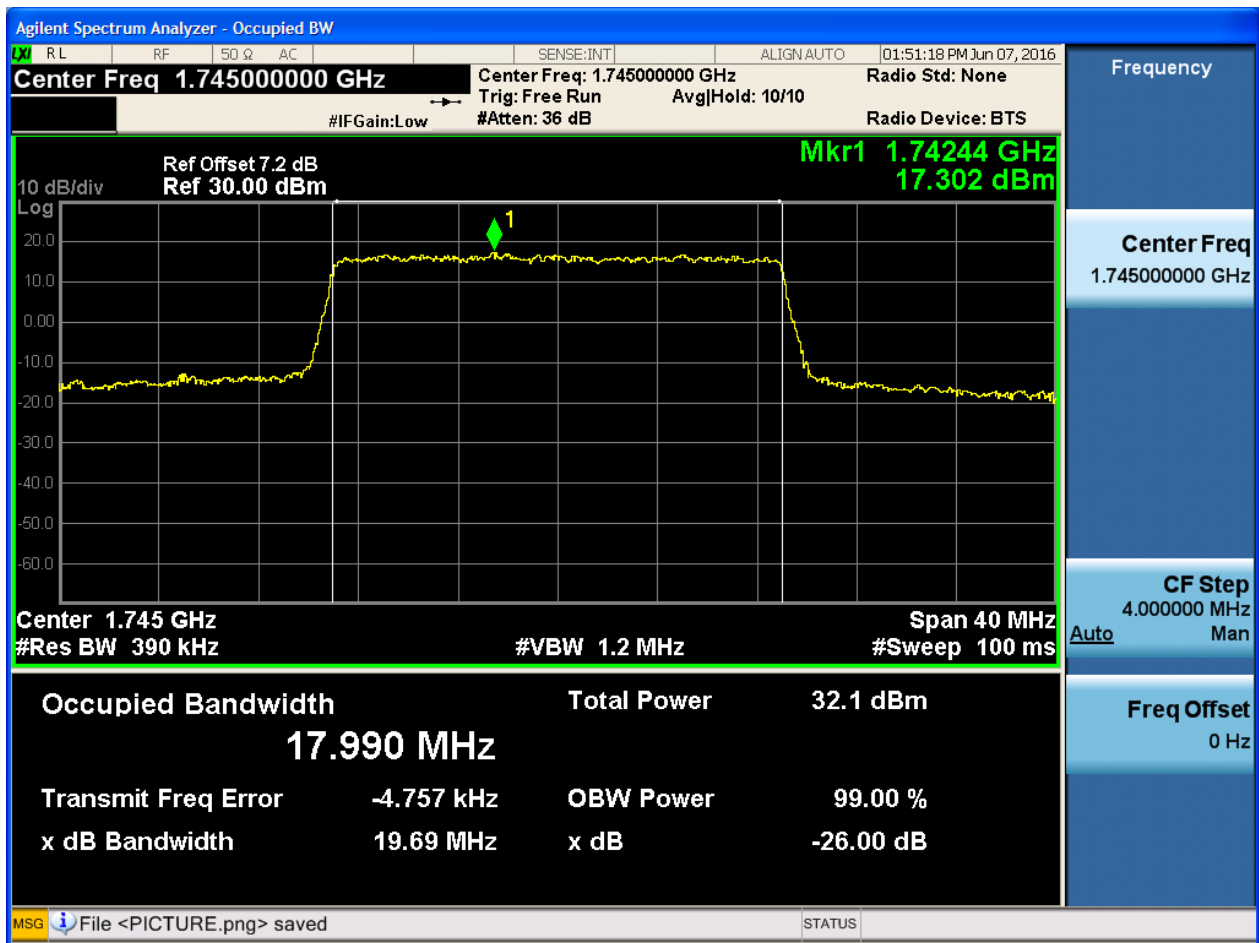
4.1.2.2.6.2.1 Test RB = RB100#0





4.1.2.2.6.3 Test Channel = HCH

4.1.2.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

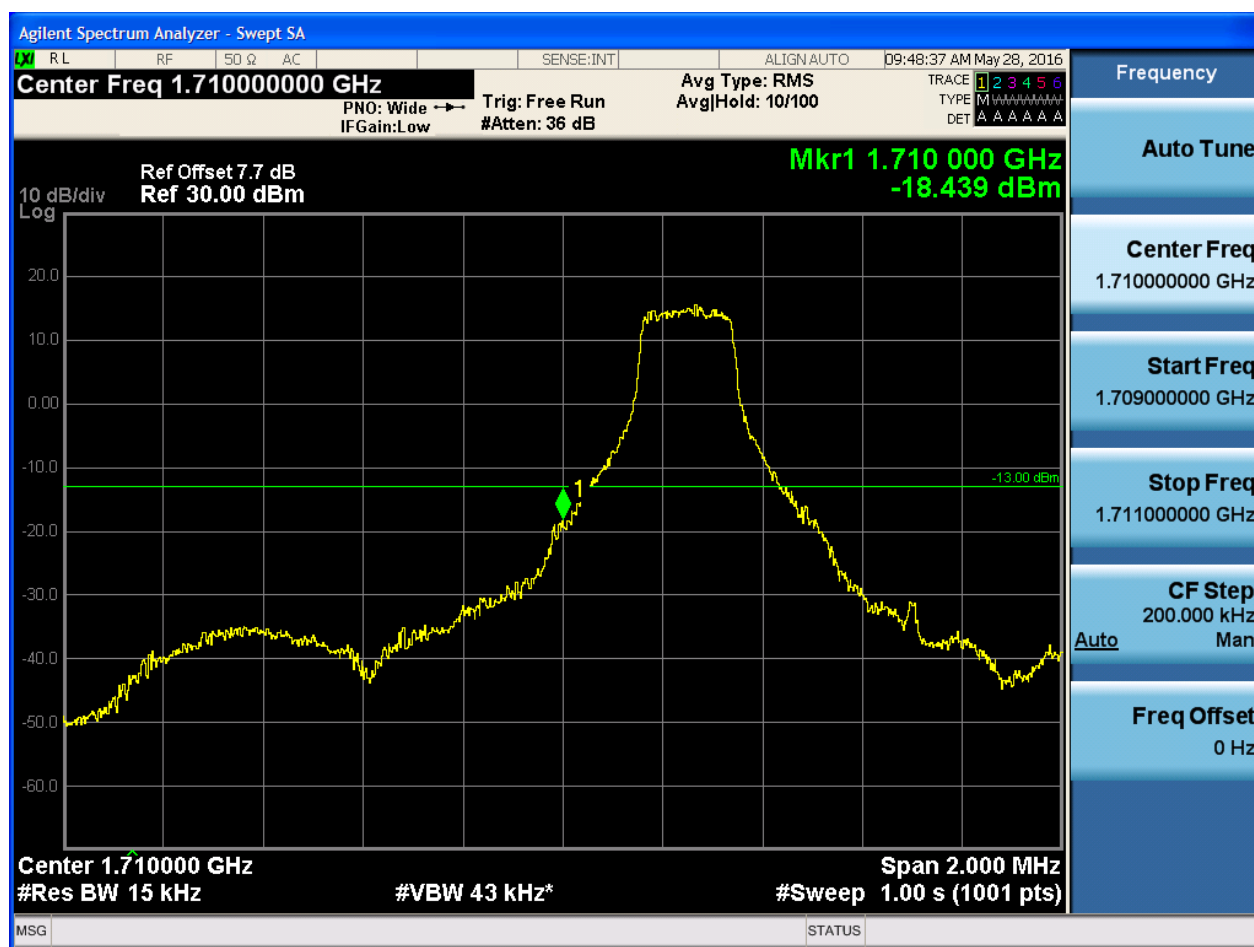
5.1.2 Test Band = BAND4

5.1.2.1 Test Mode = LTE/TM1

5.1.2.1.1 Test Bandwidth = 1.4

5.1.2.1.1.1 Test Channel = LCH

5.1.2.1.1.1.1 Test RB = RB1#0





5.1.2.1.1.2 Test RB = RB1#5





5.1.2.1.1.3 Test RB = RB3#2





5.1.2.1.1.4 Test RB = RB6#0





5.1.2.1.1.2 Test Channel = HCH

5.1.2.1.1.2.1 Test RB = RB1#0





5.1.2.1.1.2.2 Test RB = RB1#5





5.1.2.1.1.2.3 Test RB = RB3#2





5.1.2.1.1.2.4 Test RB = RB6#0

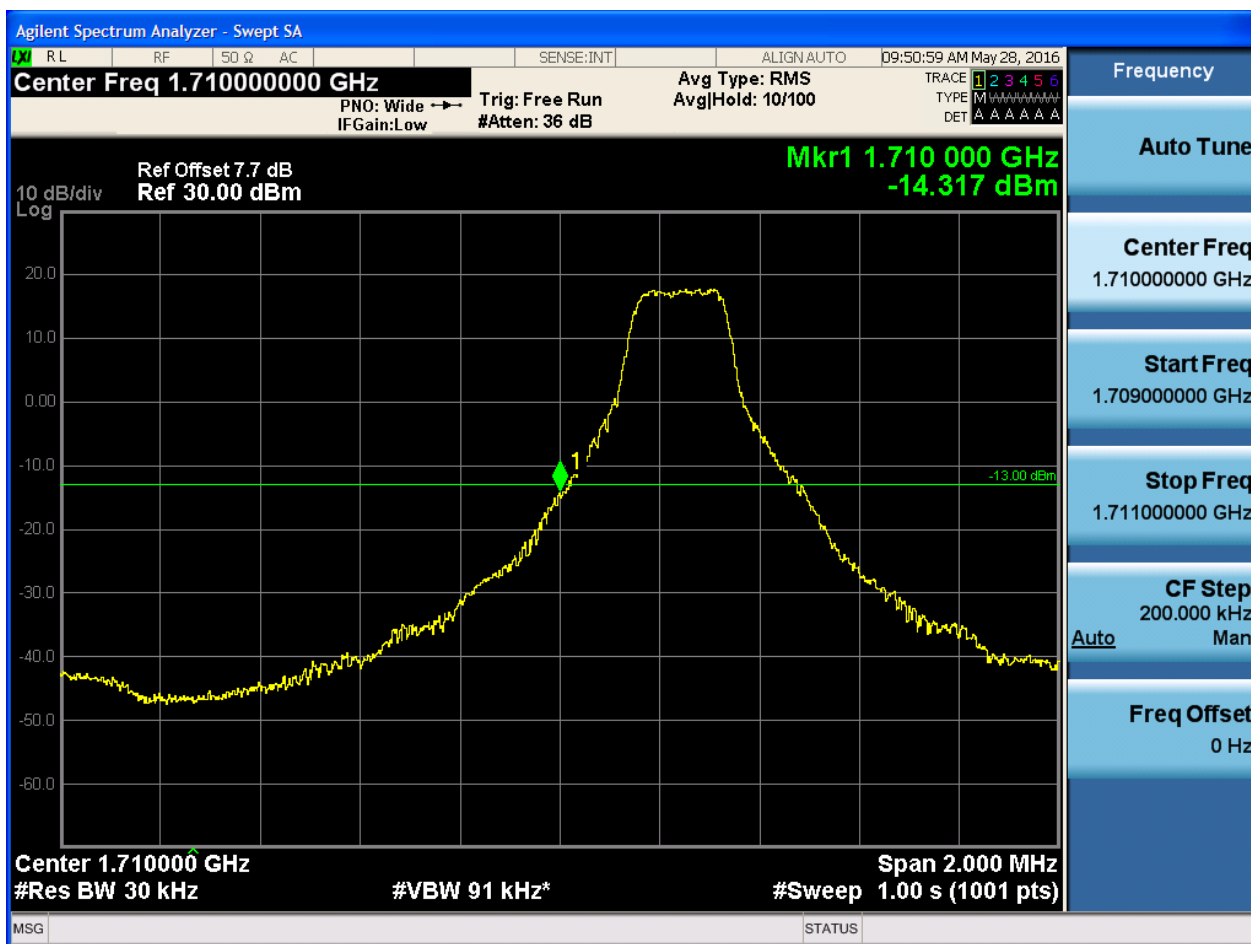




5.1.2.1.2 Test Bandwidth = 3

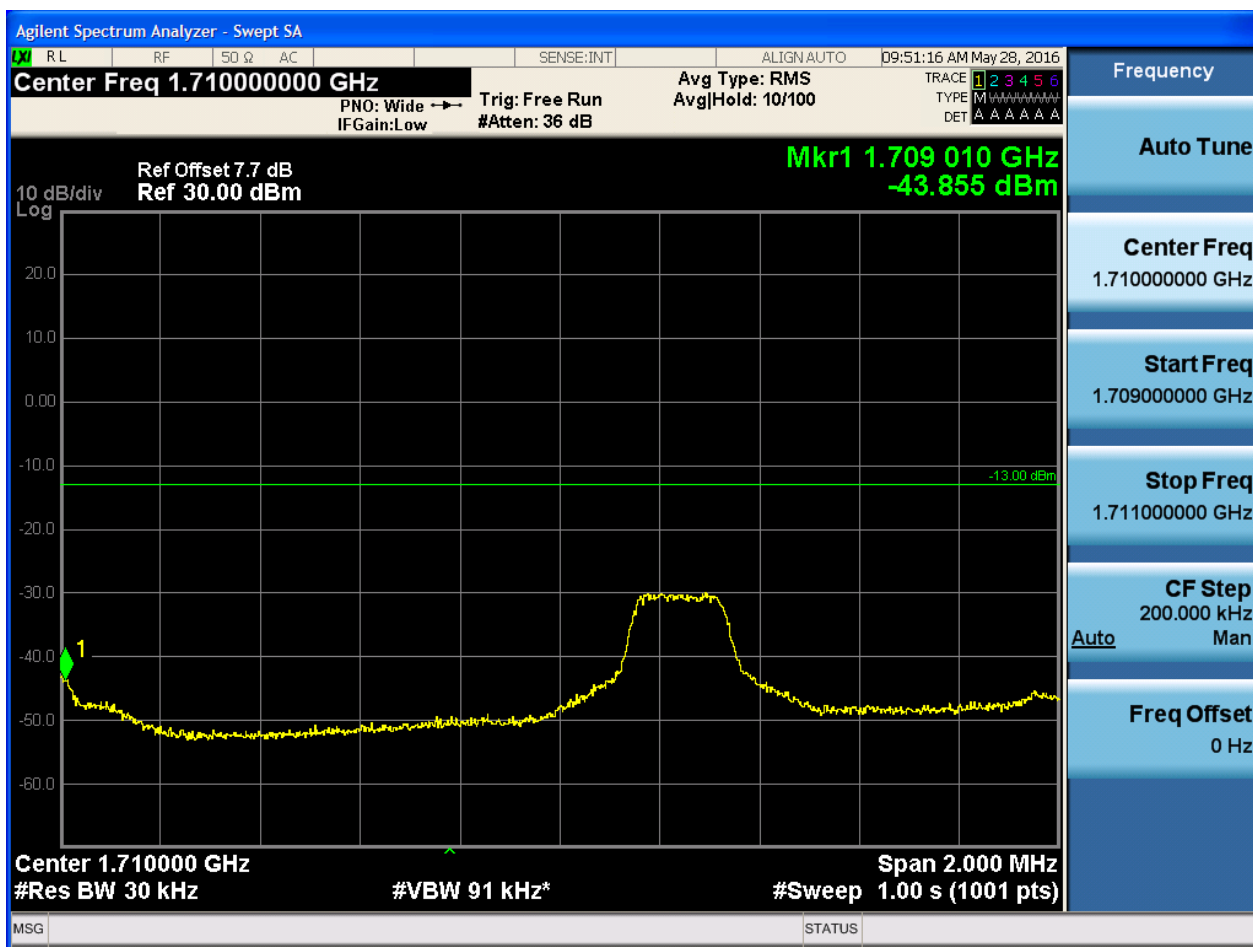
5.1.2.1.2.1 Test Channel = LCH

5.1.2.1.2.1.1 Test RB = RB1#0





5.1.2.1.2.1.2 Test RB = RB1#14



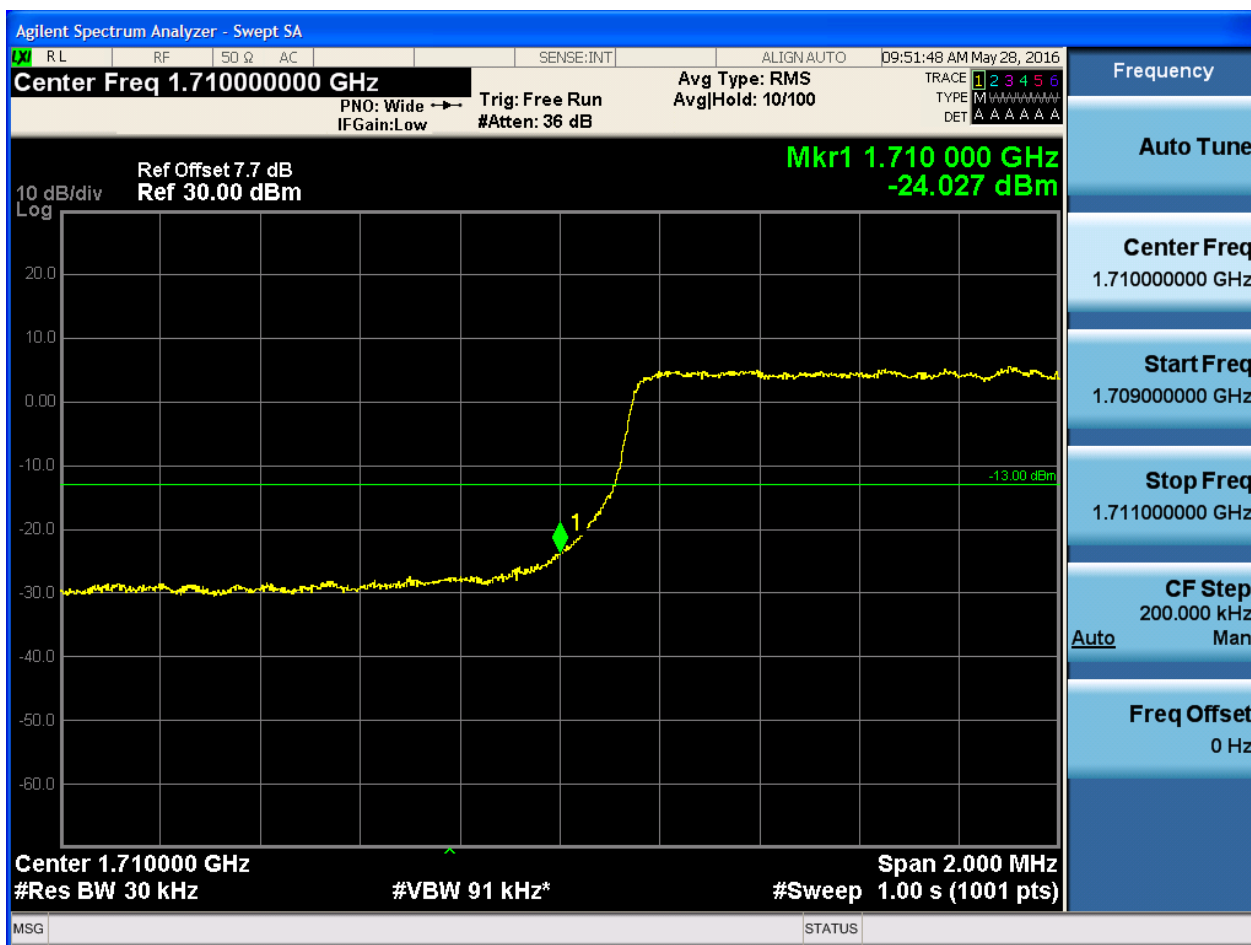


5.1.2.1.2.1.3 Test RB = RB8#4





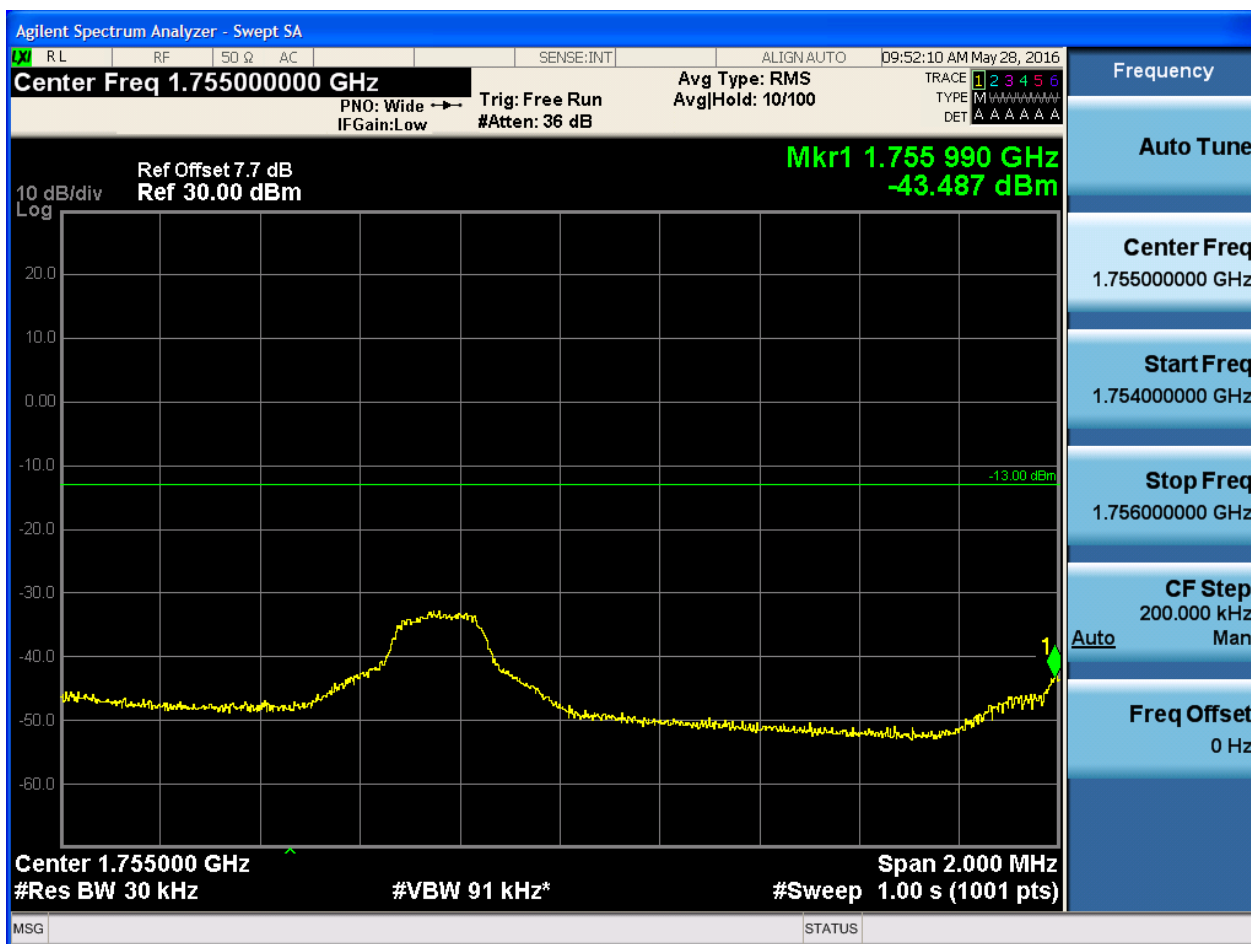
5.1.2.1.2.1.4 Test RB = RB15#0

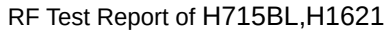




5.1.2.1.2.2 Test Channel = HCH

5.1.2.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.75500000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 000 GHz
-16.372 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
1.75500000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

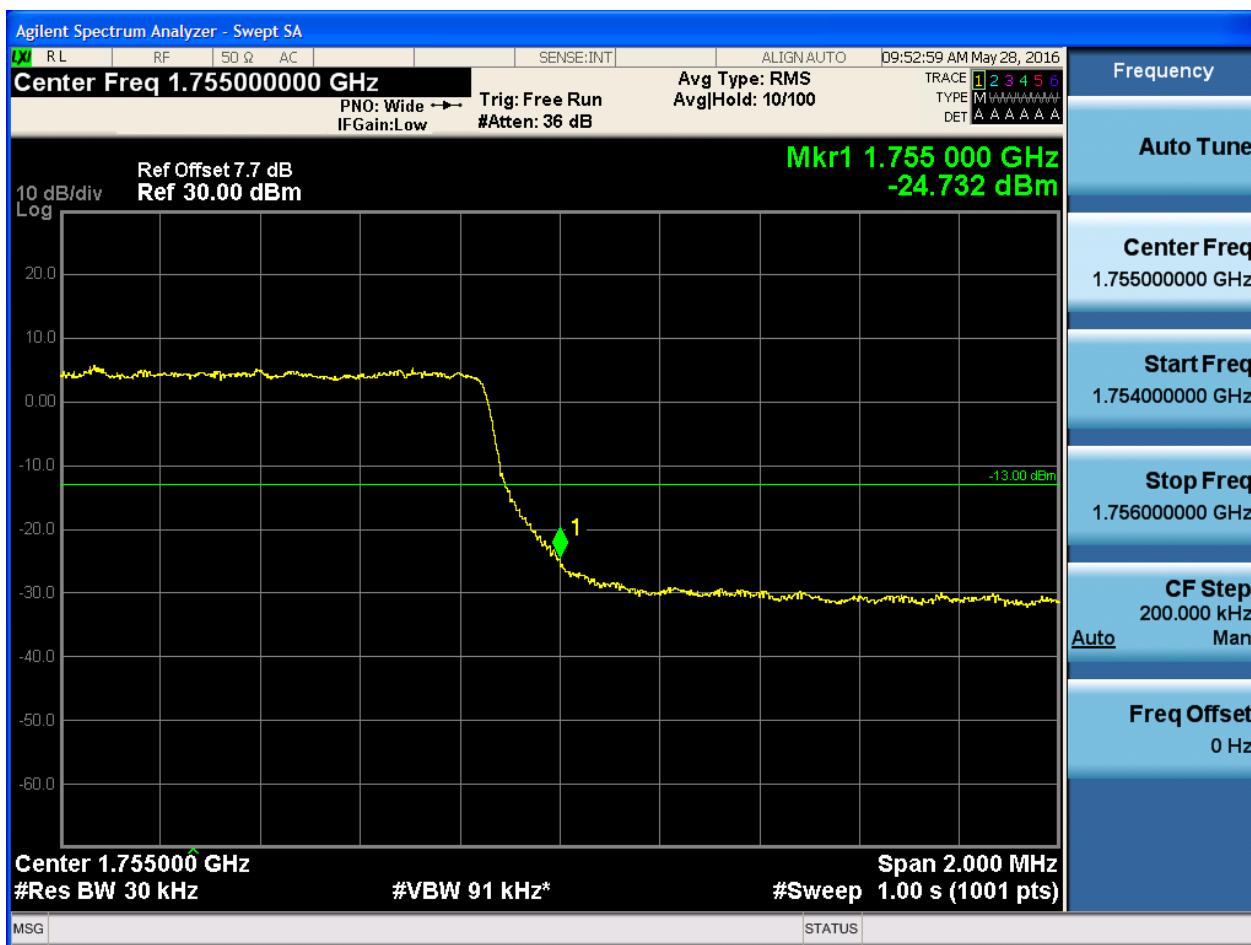


5.1.2.1.2.2.3 Test RB = RB8#4





5.1.2.1.2.2.4 Test RB = RB15#0

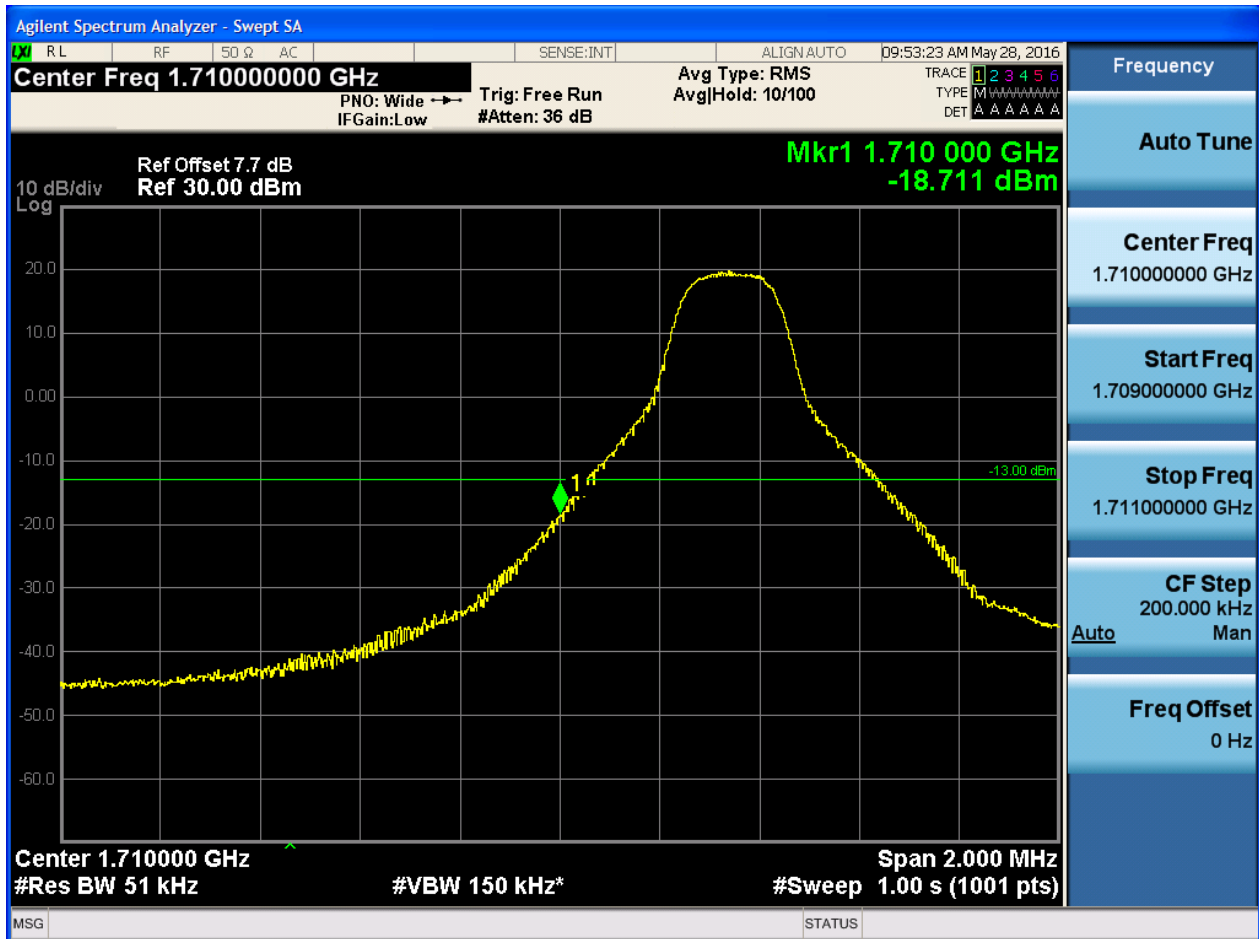




5.1.2.1.3 Test Bandwidth = 5

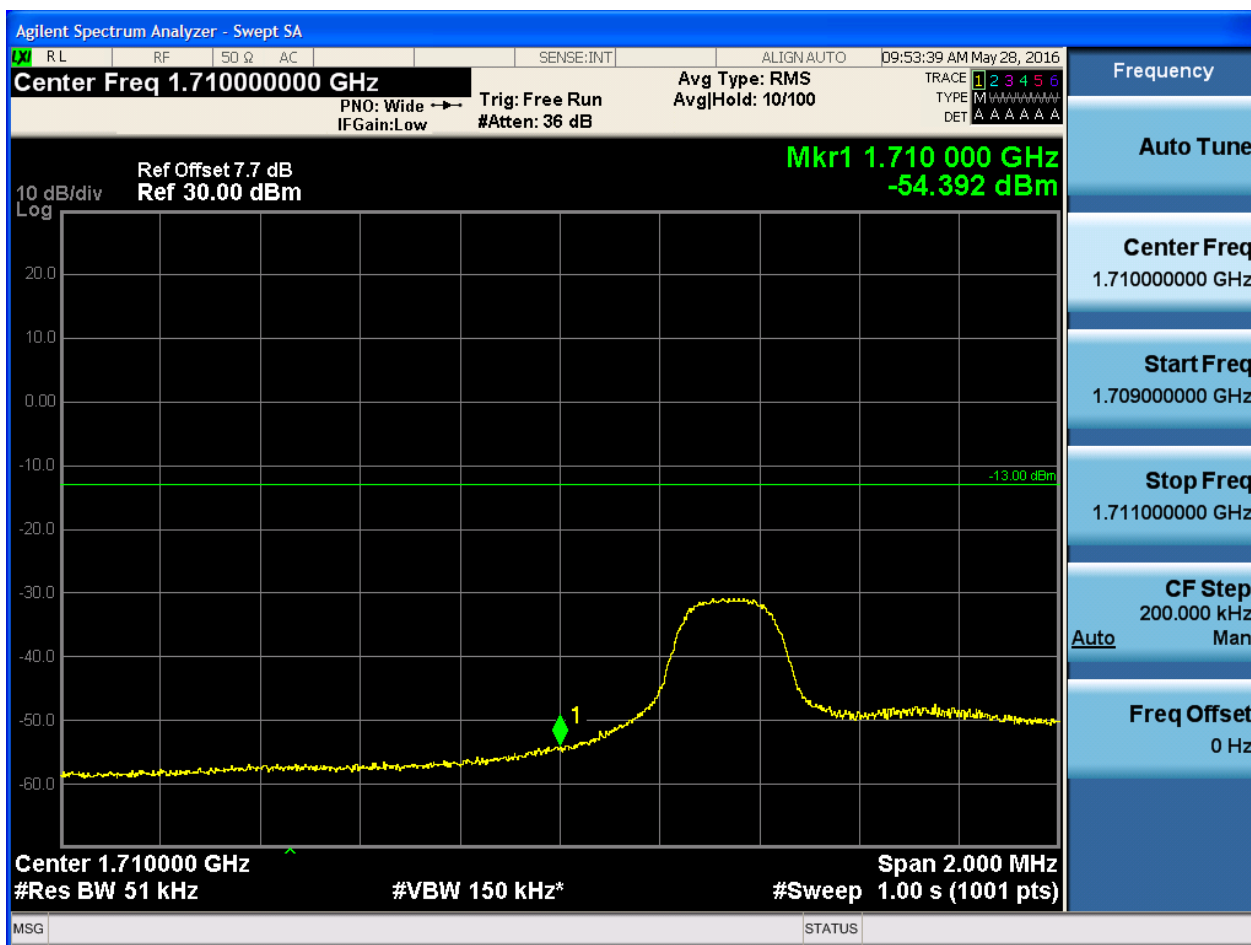
5.1.2.1.3.1 Test Channel = LCH

5.1.2.1.3.1.1 Test RB = RB1#0





5.1.2.1.3.1.2 Test RB = RB1#24





5.1.2.1.3.1.3 Test RB = RB12#6





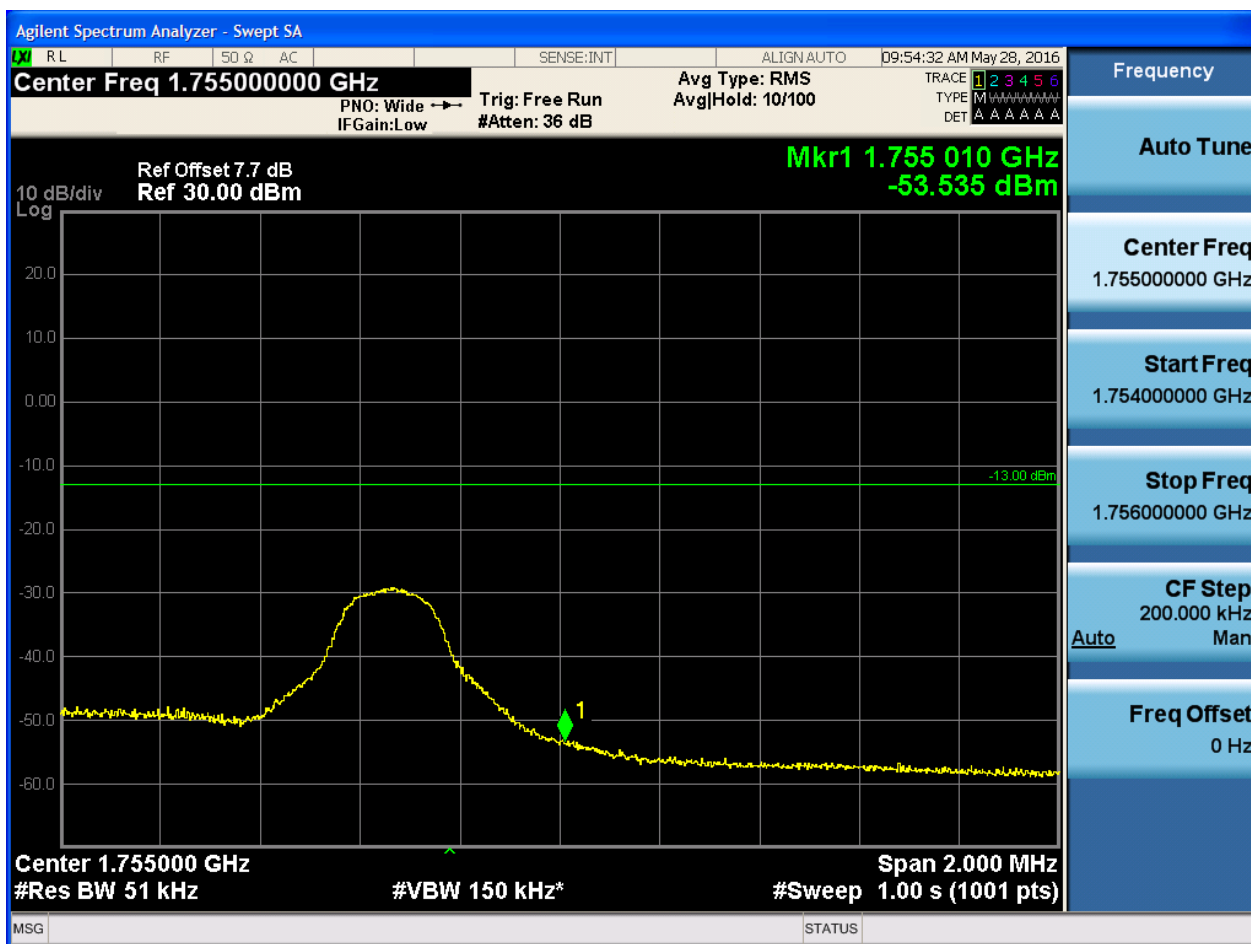
5.1.2.1.3.1.4 Test RB = RB25#0





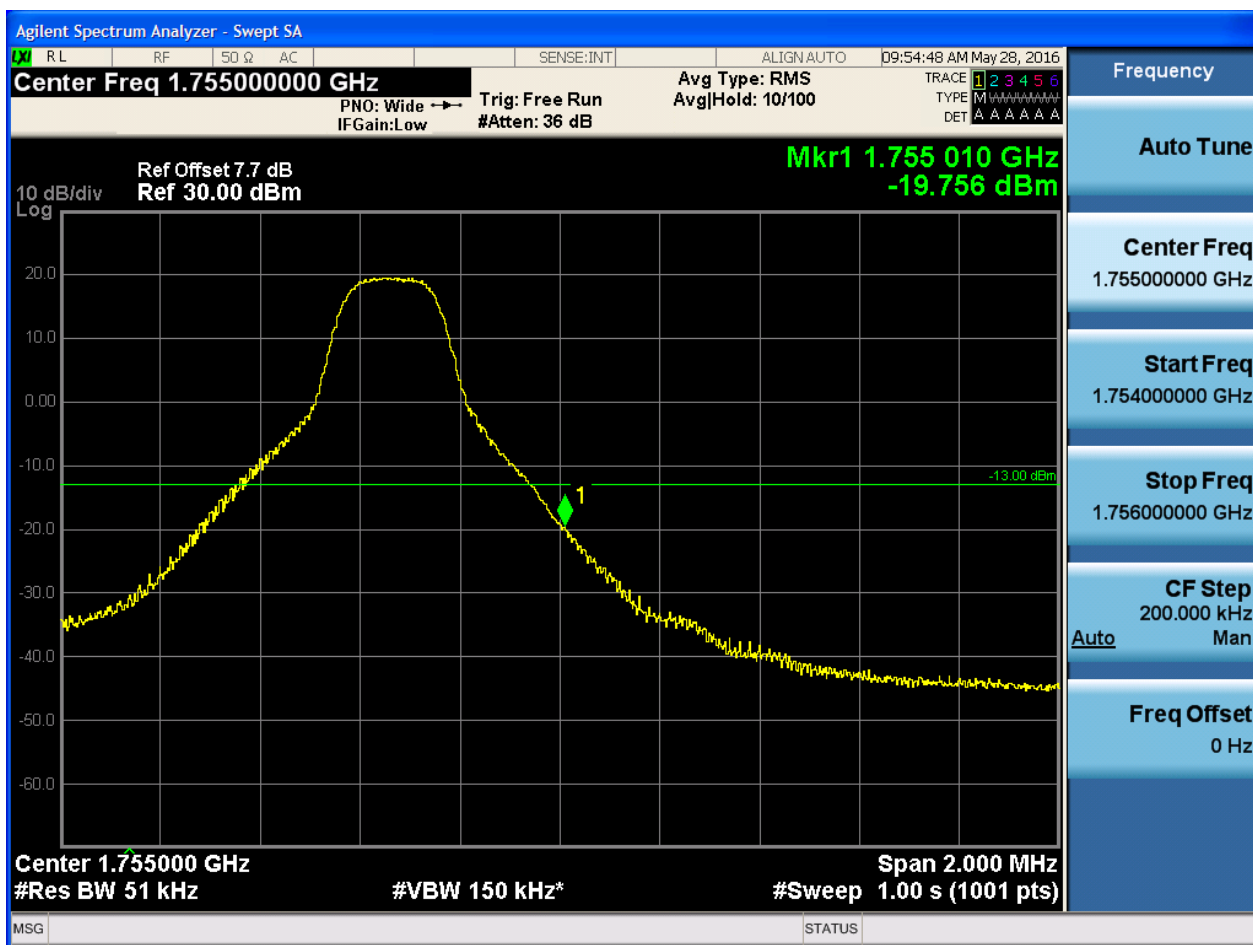
5.1.2.1.3.2 Test Channel = HCH

5.1.2.1.3.2.1 Test RB = RB1#0





5.1.2.1.3.2.2 Test RB = RB1#24





5.1.2.1.3.2.3 Test RB = RB12#6





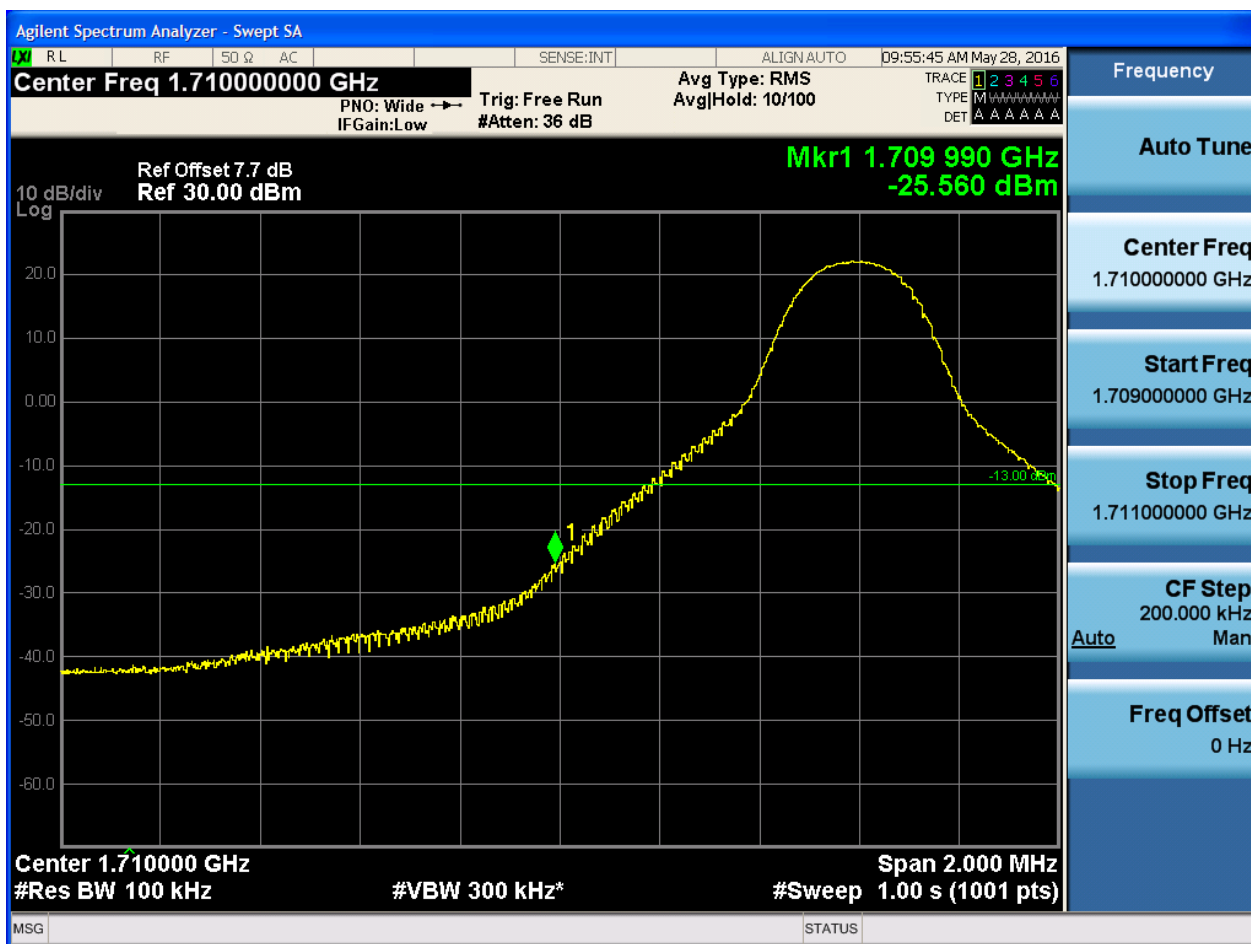
5.1.2.1.3.2.4 Test RB = RB25#0



5.1.2.1.4 Test Bandwidth = 10

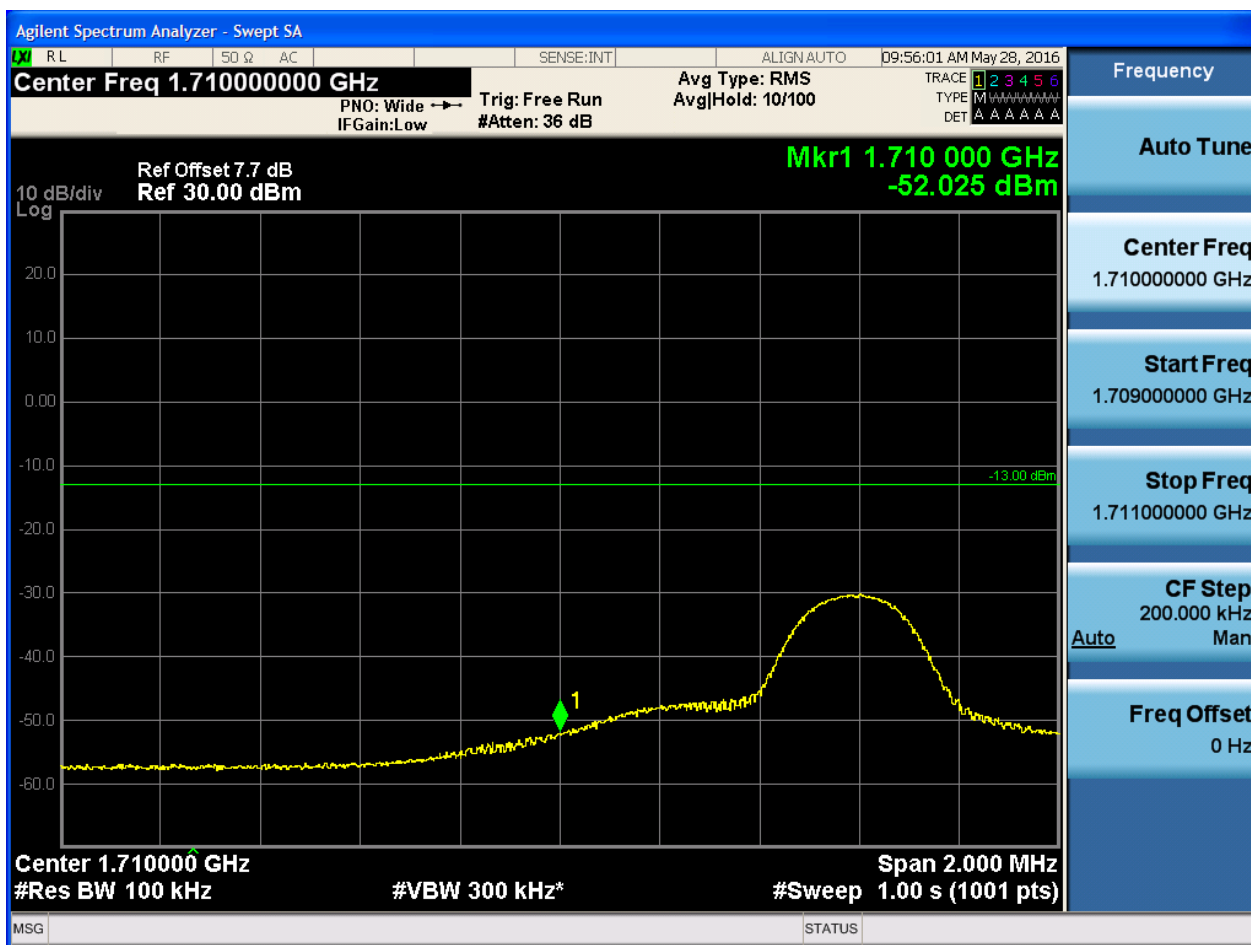
5.1.2.1.4.1 Test Channel = LCH

5.1.2.1.4.1.1 Test RB = RB1#0



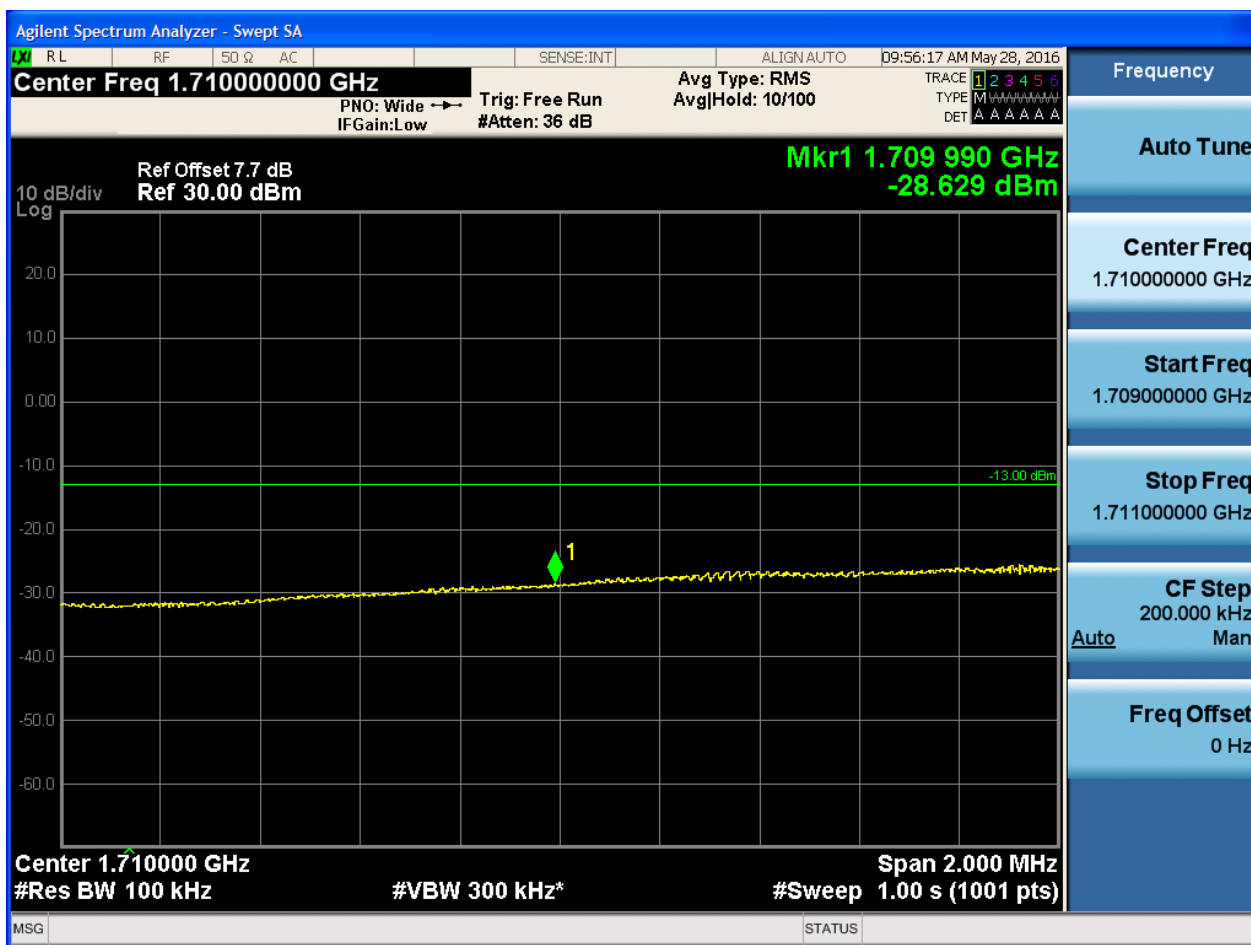


5.1.2.1.4.1.2 Test RB = RB1#49





5.1.2.1.4.1.3 Test RB = RB25#13





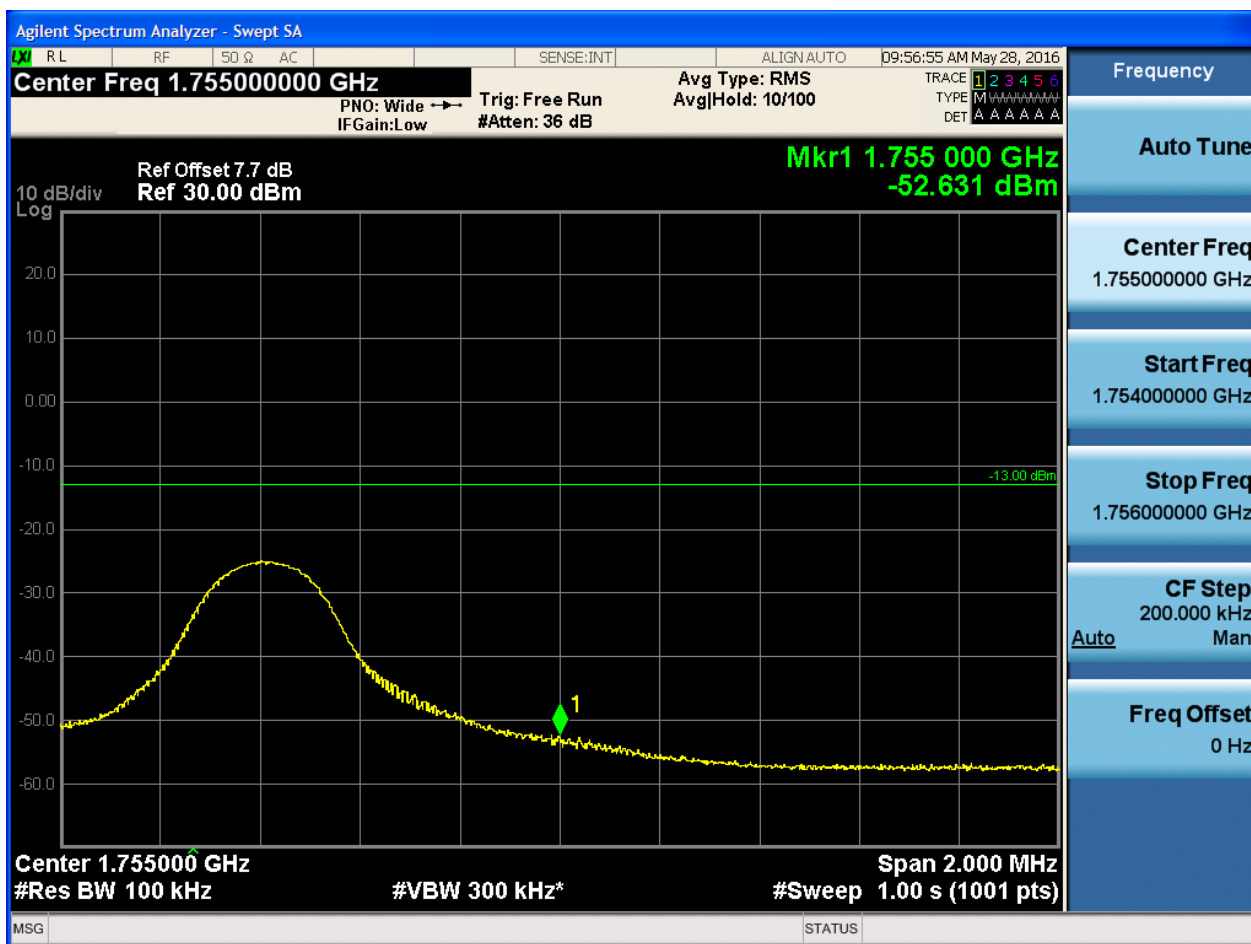
5.1.2.1.4.1.4 Test RB = RB50#0

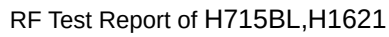




5.1.2.1.4.2 Test Channel = HCH

5.1.2.1.4.2.1 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
-27.679 dBm

Center 1.755000 GHz
#Res BW 100 kHz
#VBW 300 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



5.1.2.1.4.2.3 Test RB = RB25#13





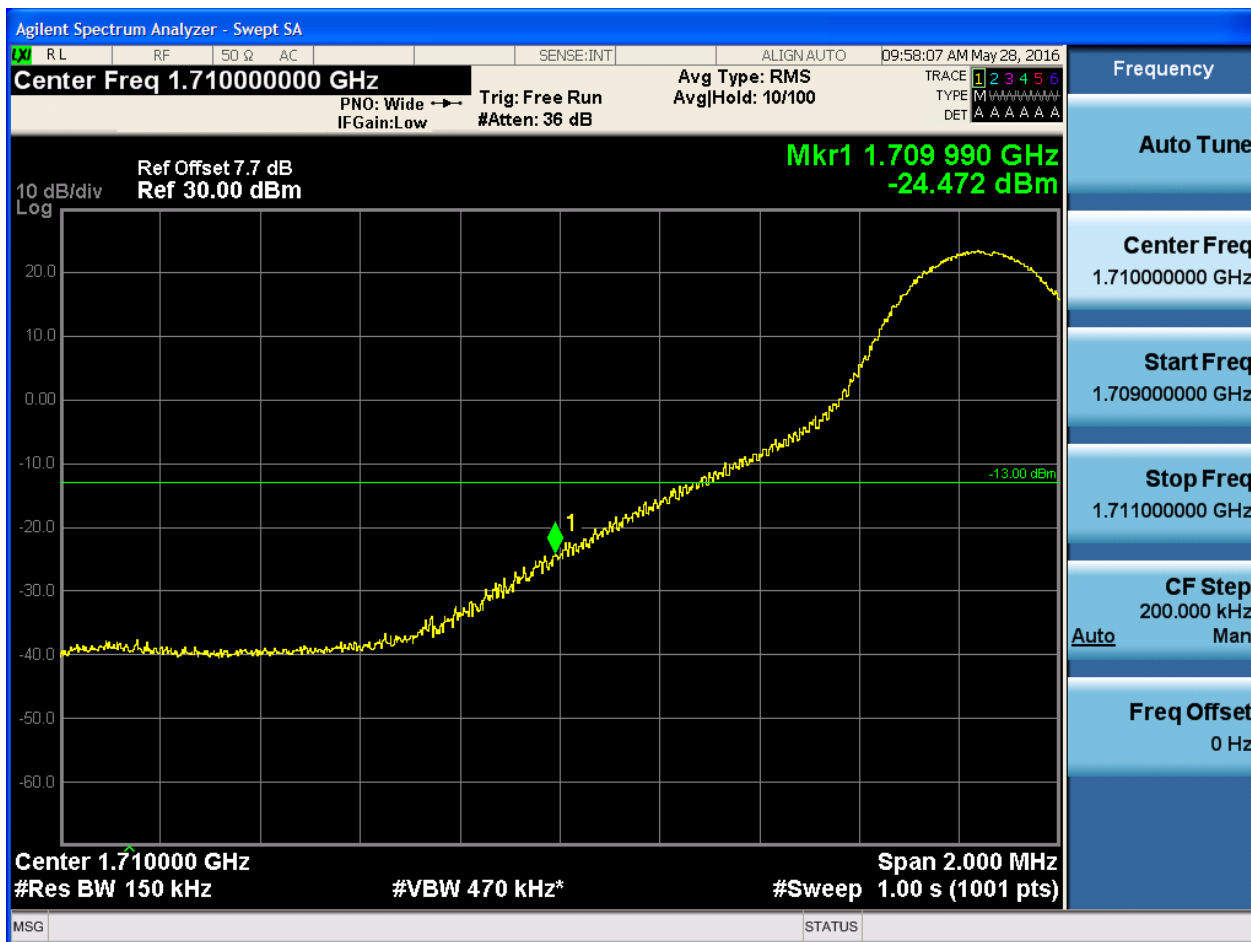
5.1.2.1.4.2.4 Test RB = RB50#0



5.1.2.1.5 Test Bandwidth = 15

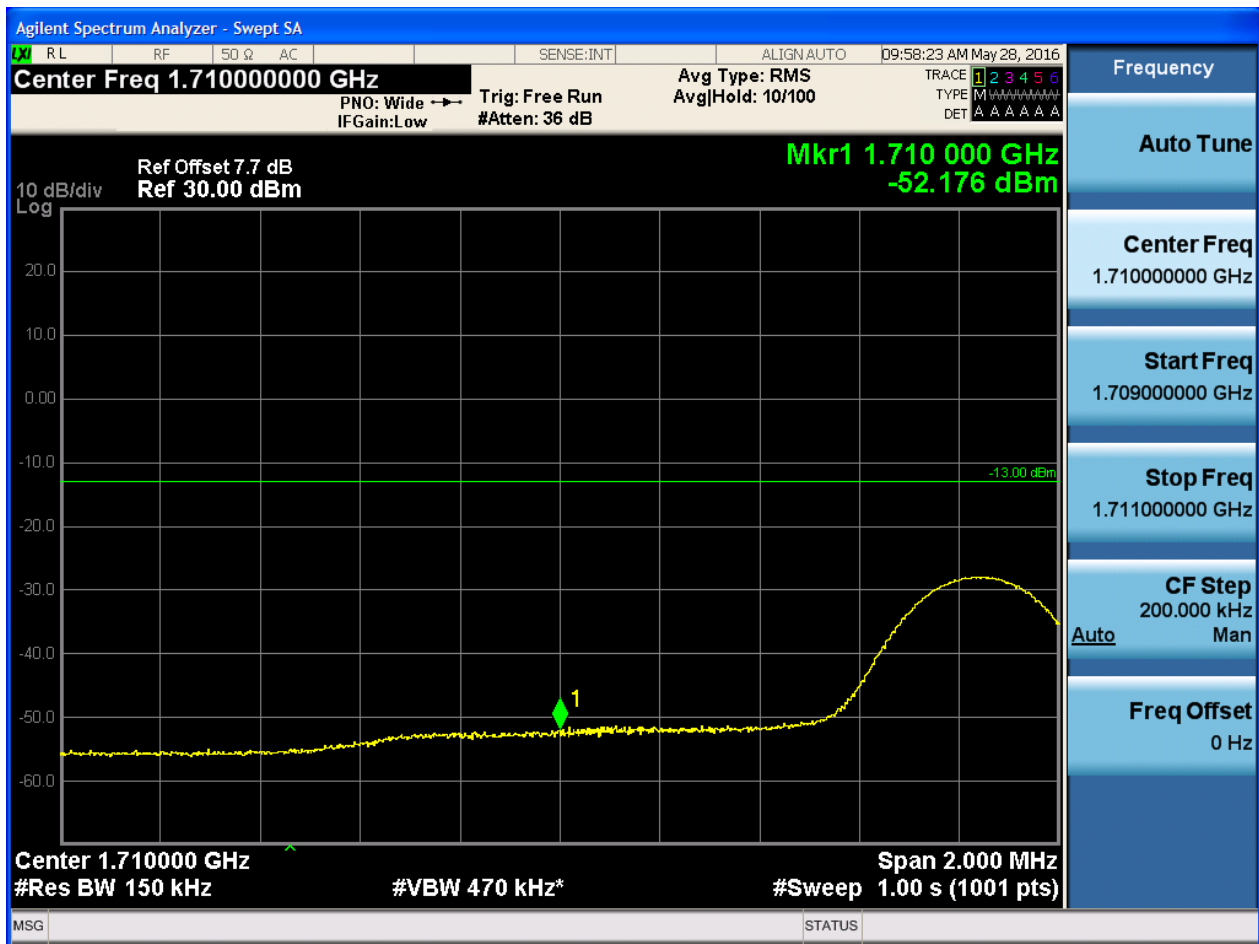
5.1.2.1.5.1 Test Channel = LCH

5.1.2.1.5.1.1 Test RB = RB1#0



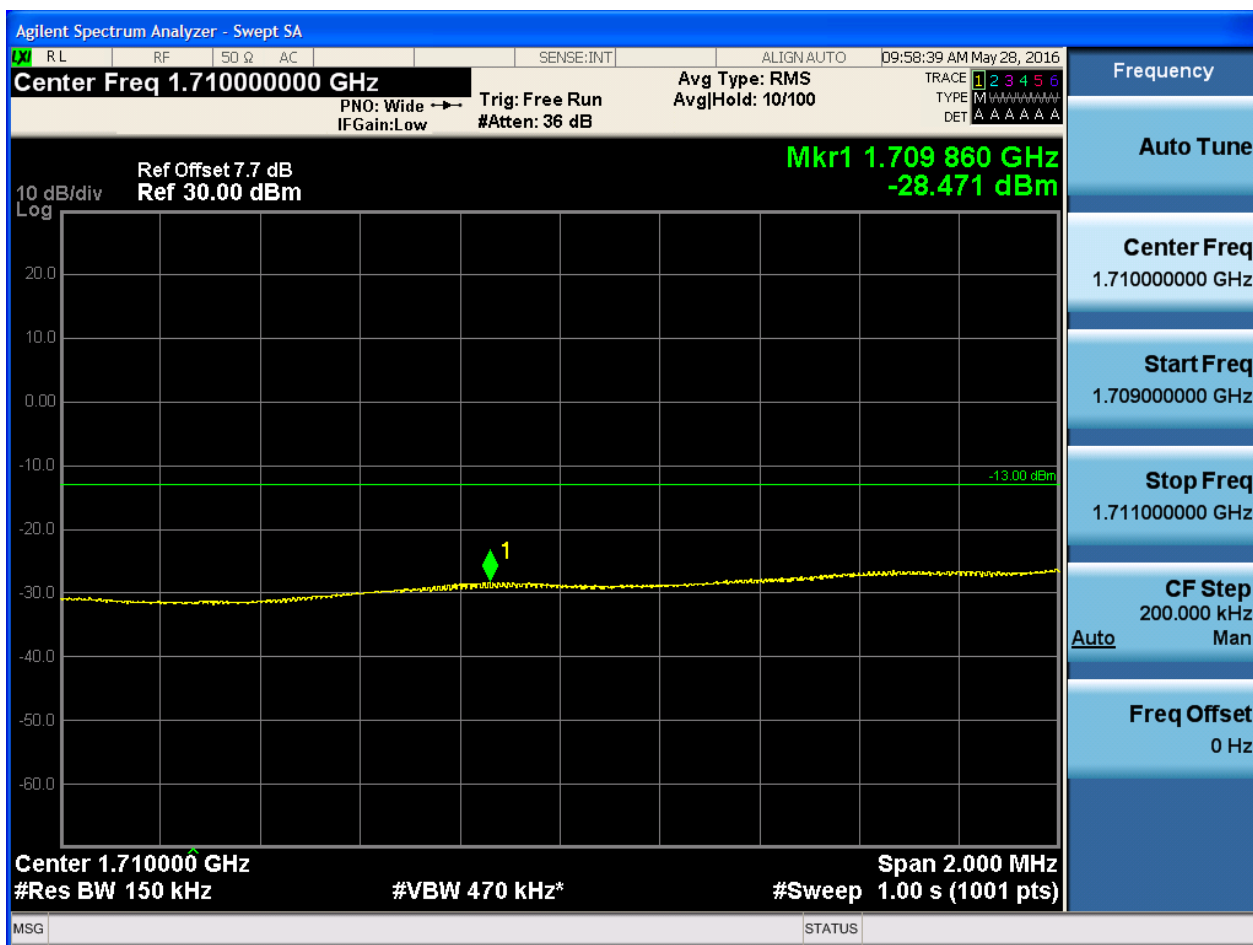


5.1.2.1.5.1.2 Test RB = RB1#74





5.1.2.1.5.1.3 Test RB = RB38#19





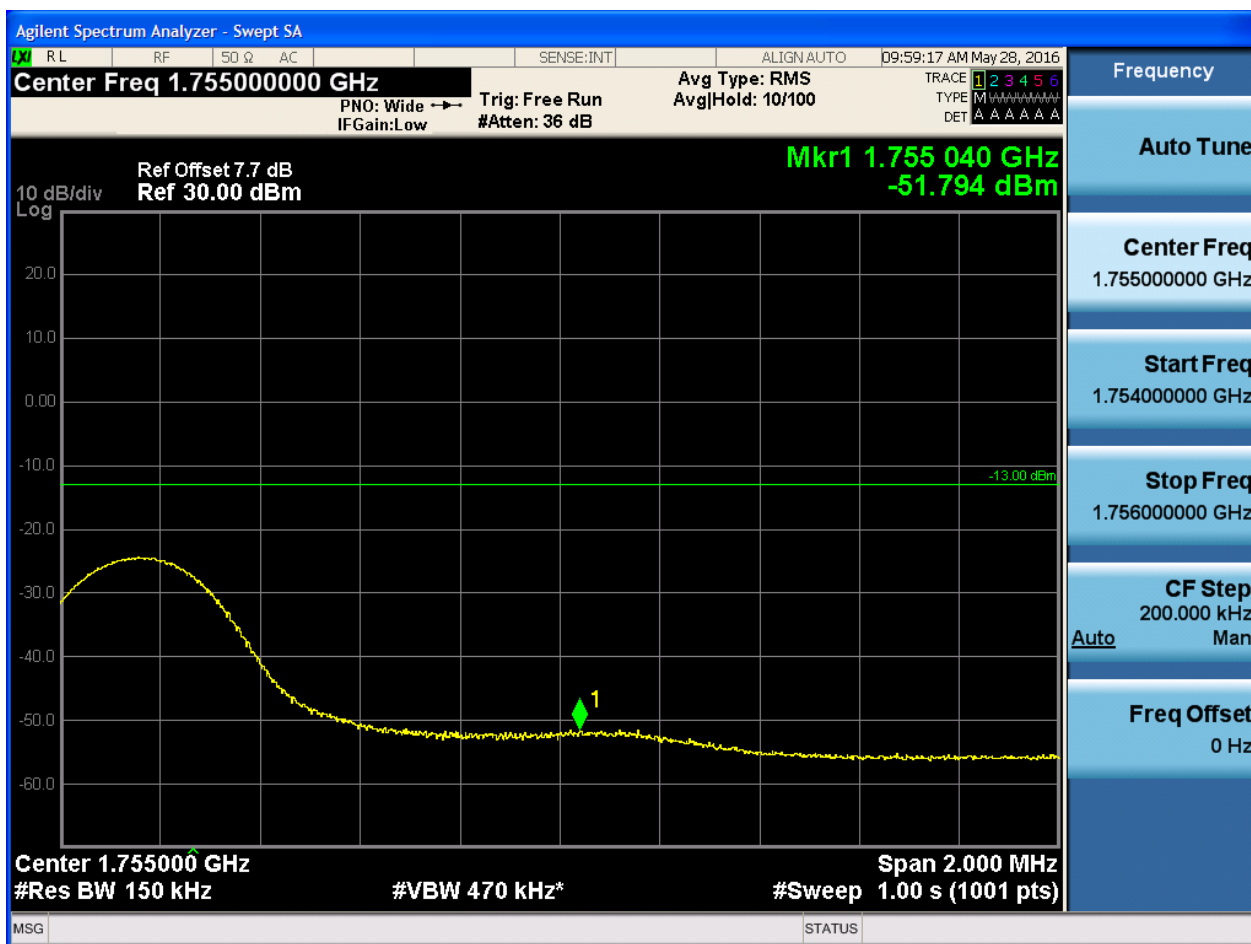
5.1.2.1.5.1.4 Test RB = RB75#0





5.1.2.1.5.2 Test Channel = HCH

5.1.2.1.5.2.1 Test RB = RB1#0





5.1.2.1.5.2.2 Test RB = RB1#74





5.1.2.1.5.2.3 Test RB = RB38#19





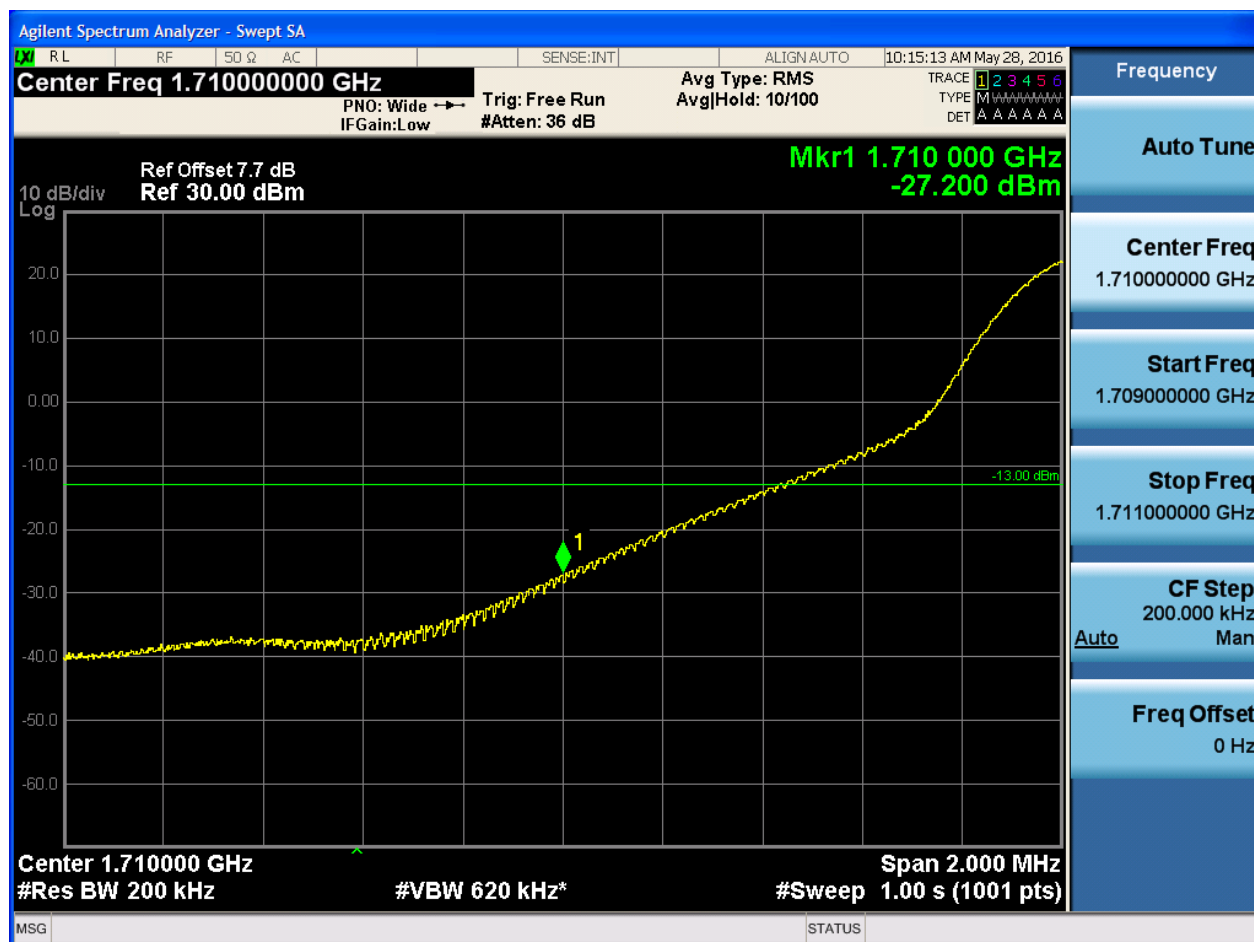
5.1.2.1.5.2.4 Test RB = RB75#0



5.1.2.1.6 Test Bandwidth = 20

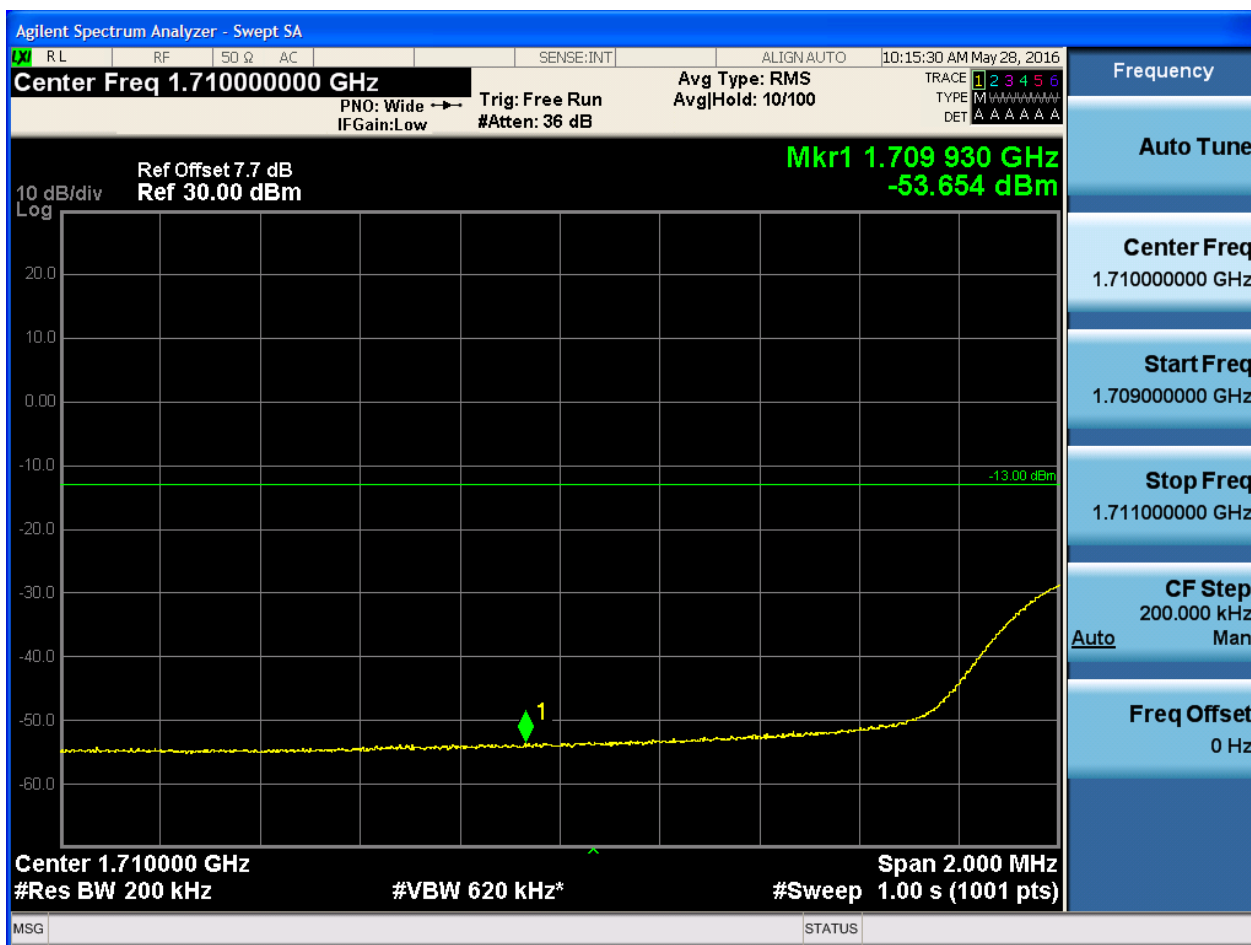
5.1.2.1.6.1 Test Channel = LCH

5.1.2.1.6.1.1 Test RB = RB1#0



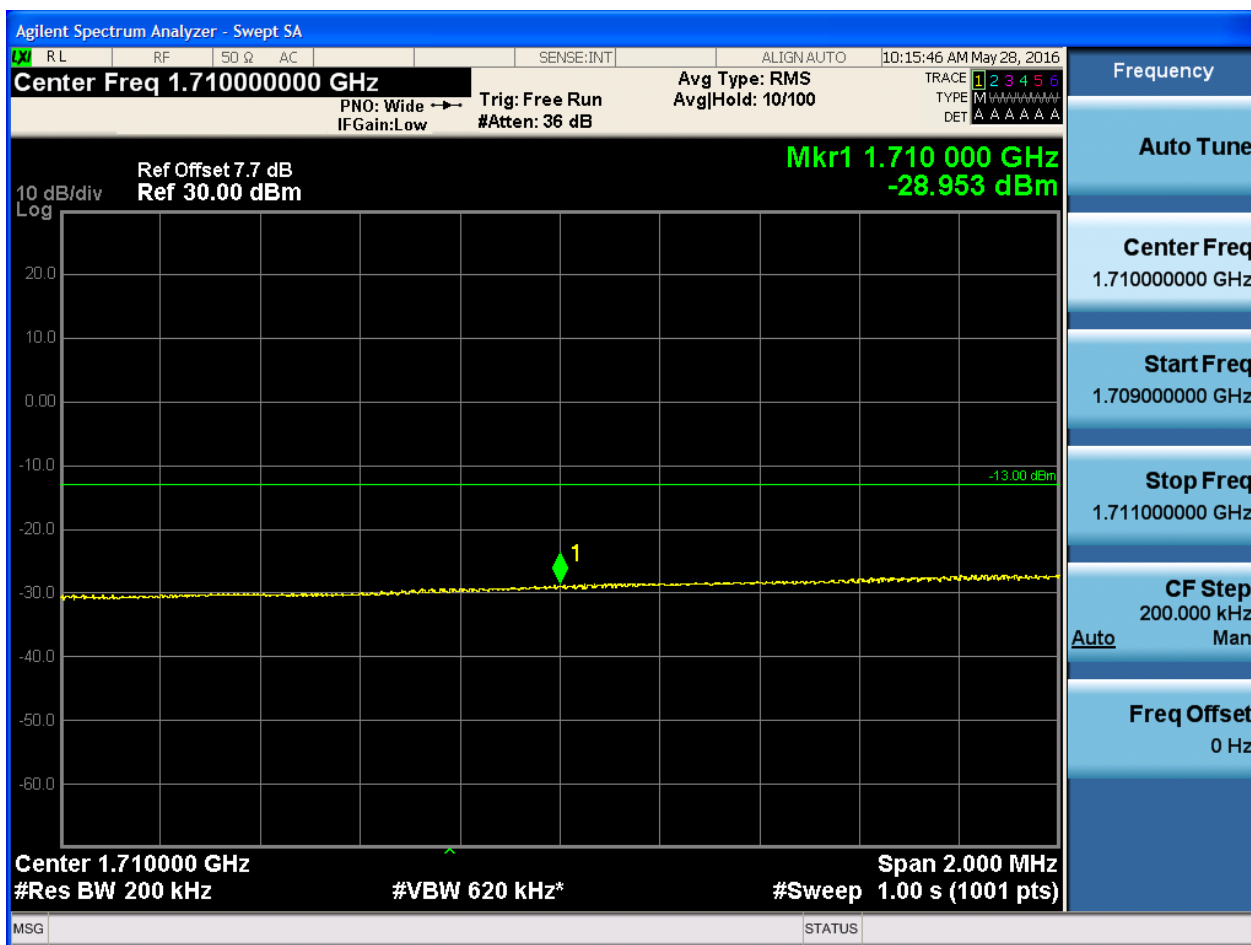


5.1.2.1.6.1.2 Test RB = RB1#99





5.1.2.1.6.1.3 Test RB = RB50#25





5.1.2.1.6.1.4 Test RB = RB100#0





5.1.2.1.6.2 Test Channel = HCH

5.1.2.1.6.2.1 Test RB = RB1#0



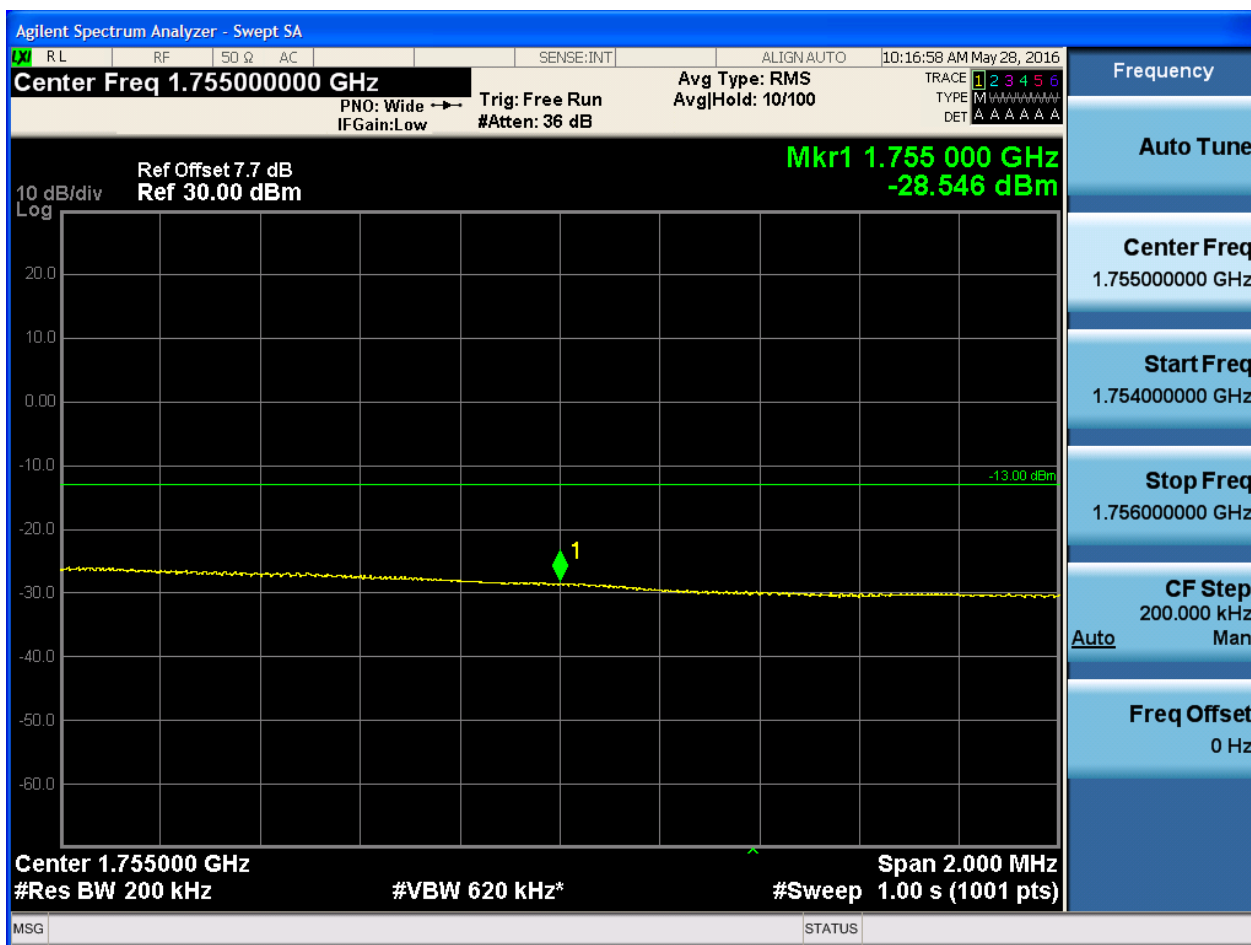


5.1.2.1.6.2.2 Test RB = RB1#99



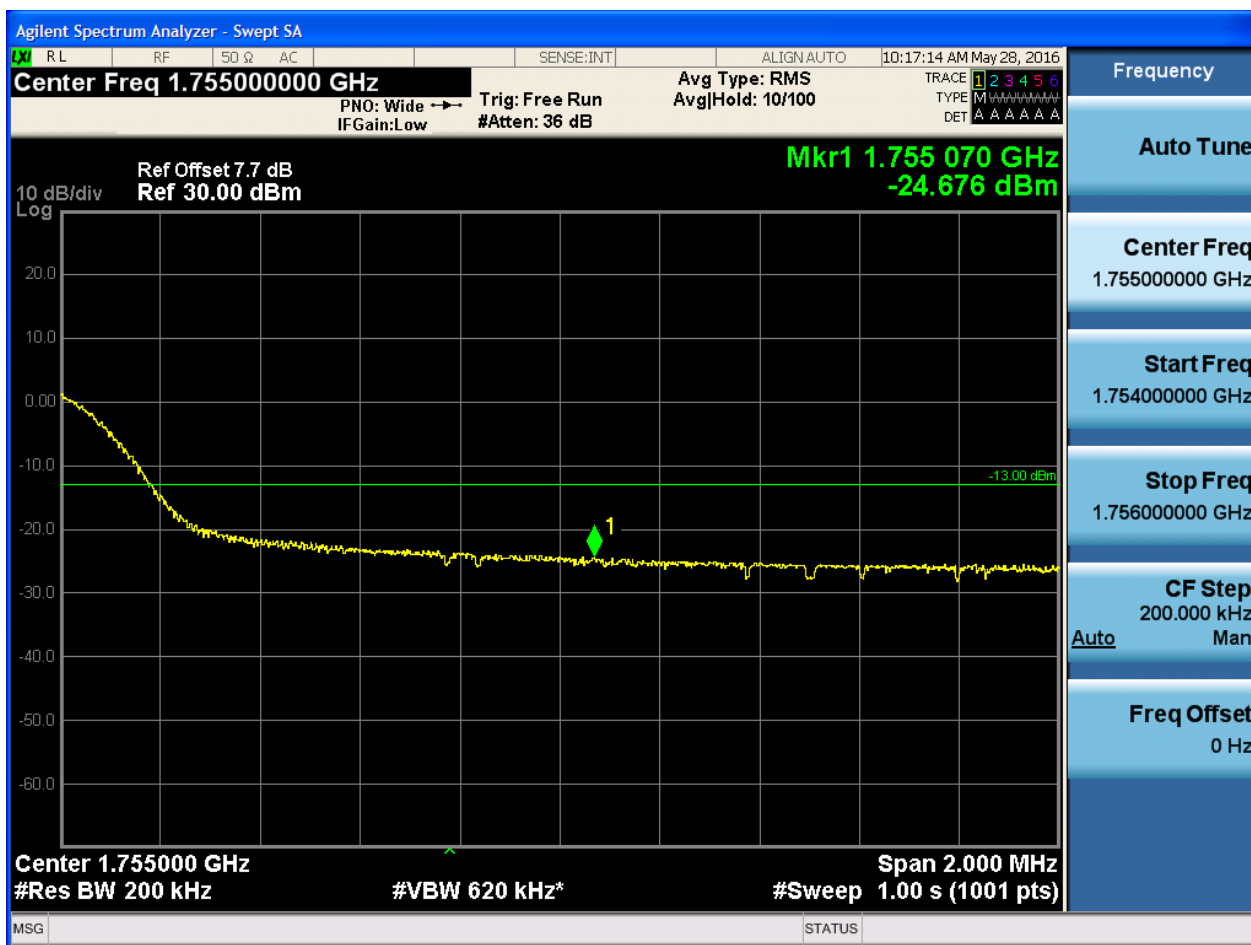


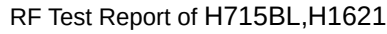
5.1.2.1.6.2.3 Test RB = RB50#25



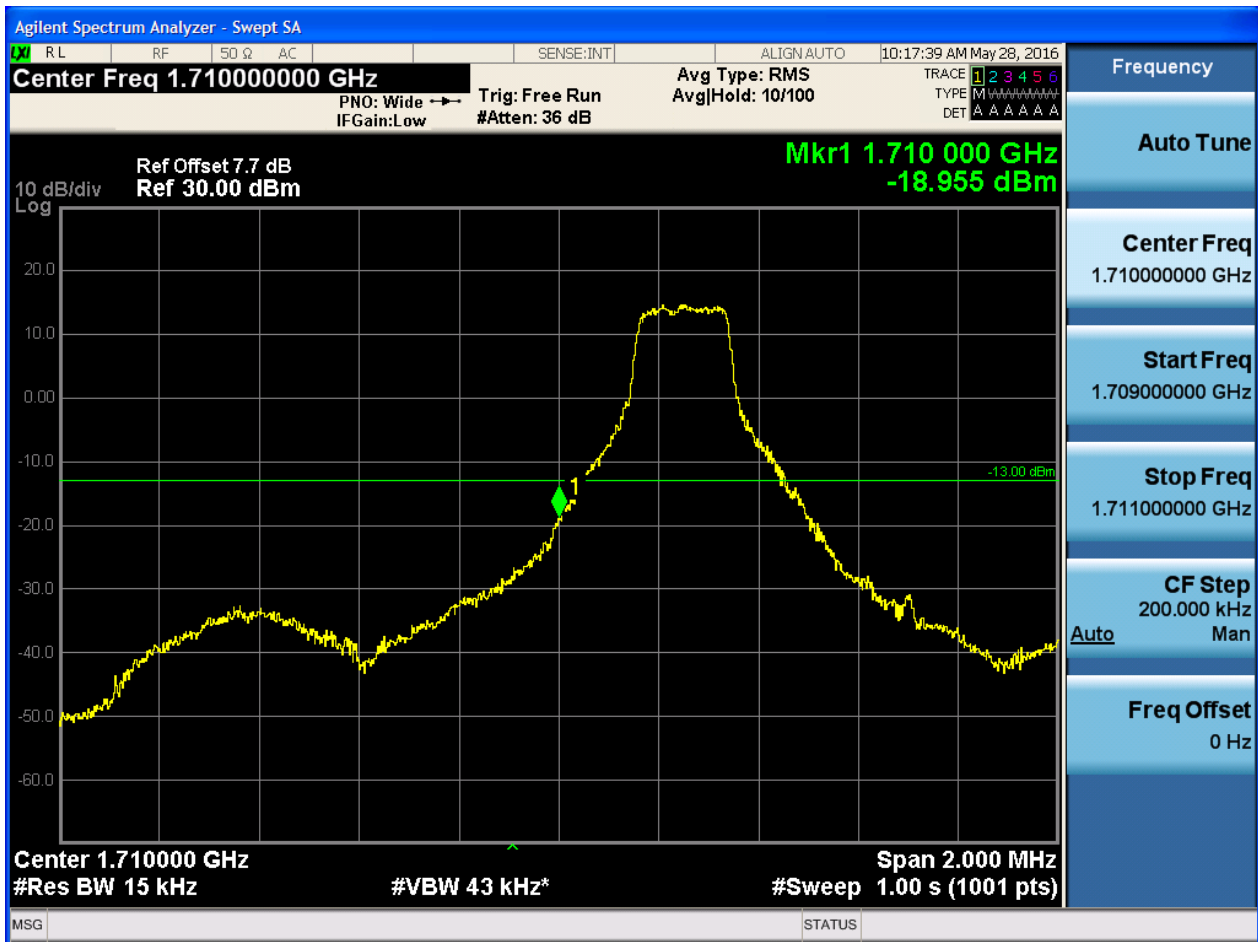


5.1.2.1.6.2.4 Test RB = RB100#0





5.1.2.2.1.1.1 Test RB = RB1#0





5.1.2.2.1.1.2 Test RB = RB1#5



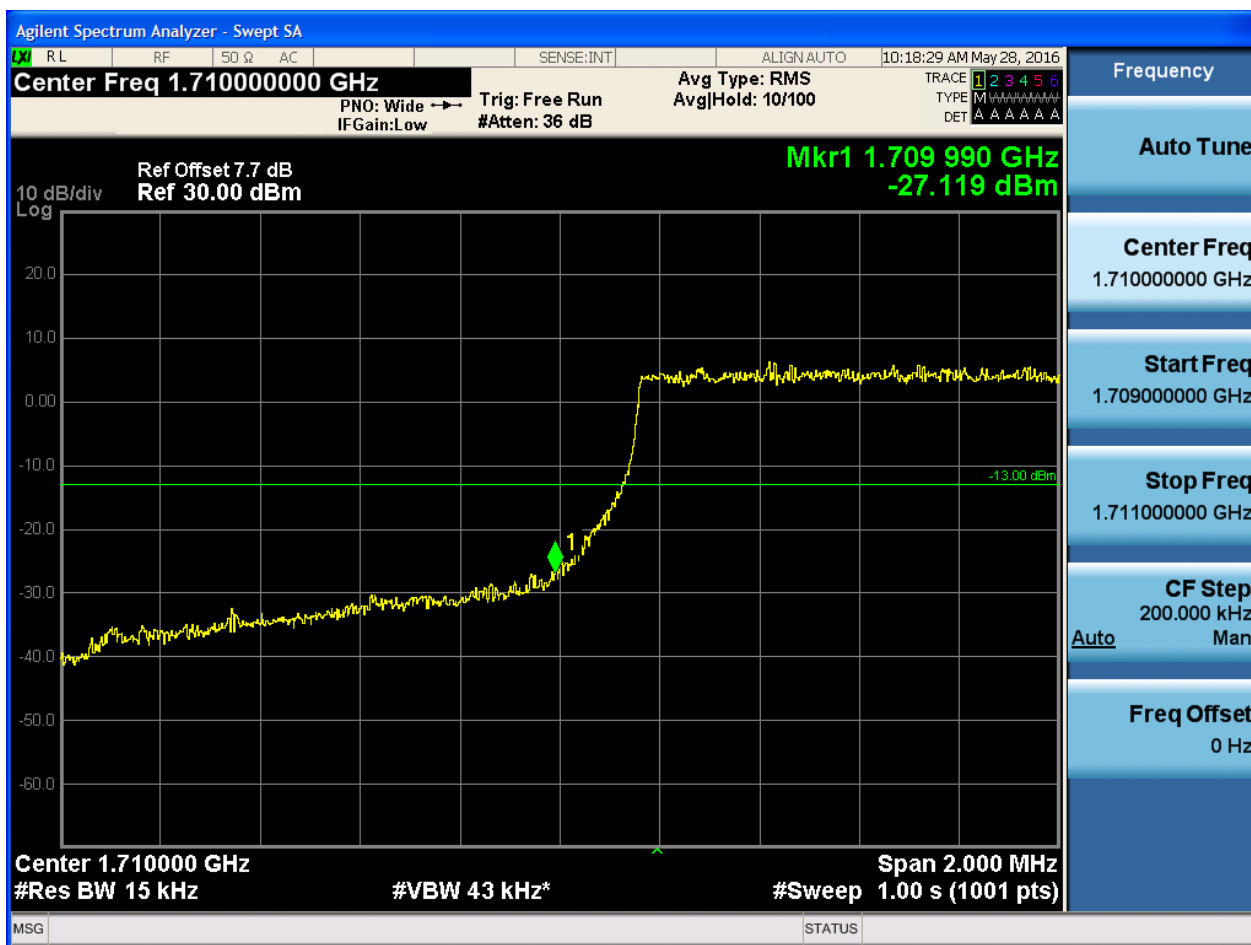


5.1.2.2.1.1.3 Test RB = RB3#2





5.1.2.2.1.1.4 Test RB = RB6#0





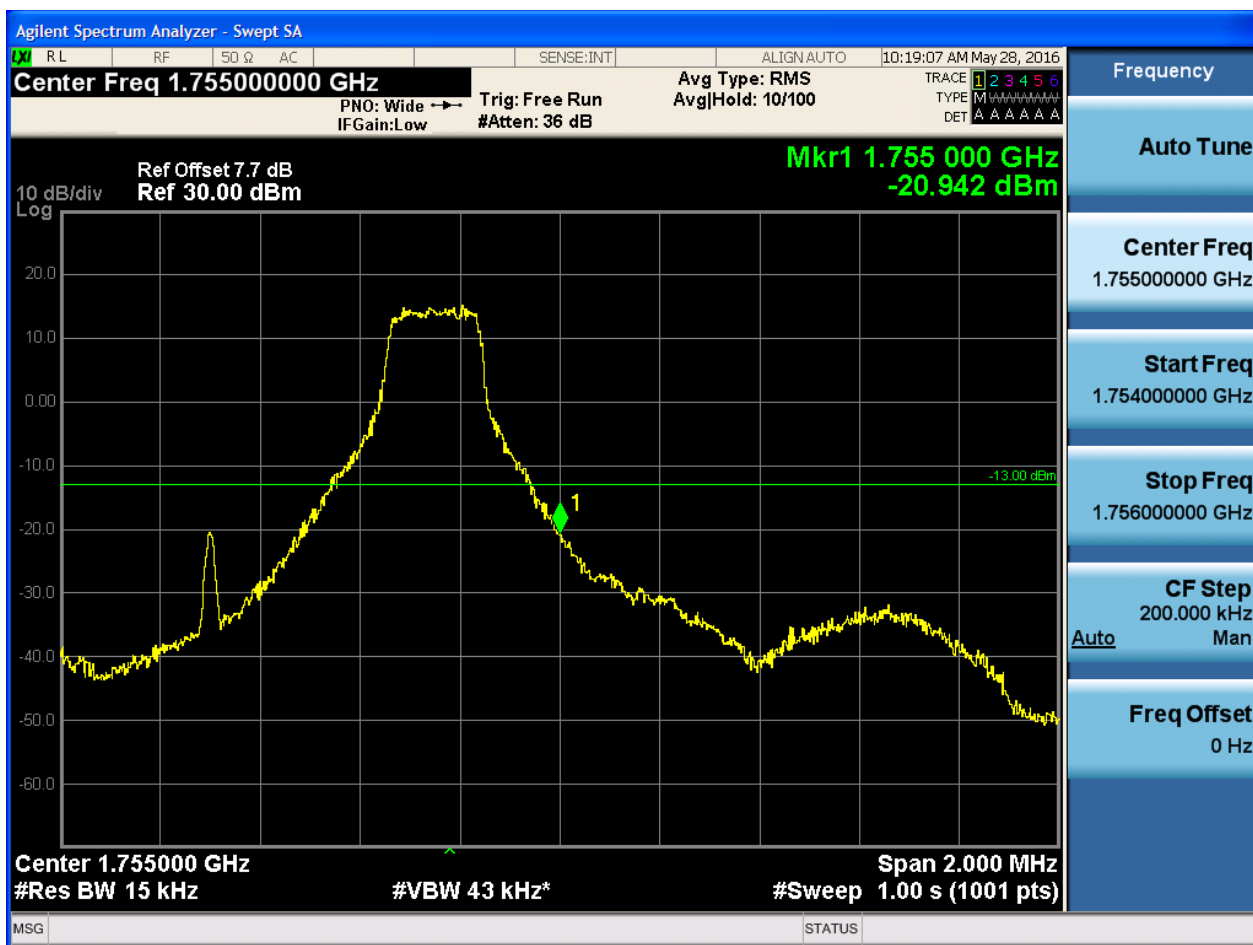
5.1.2.2.1.2 Test Channel = HCH

5.1.2.2.1.2.1 Test RB = RB1#0





5.1.2.2.1.2.2 Test RB = RB1#5





5.1.2.2.1.2.3 Test RB = RB3#2





5.1.2.2.1.2.4 Test RB = RB6#0

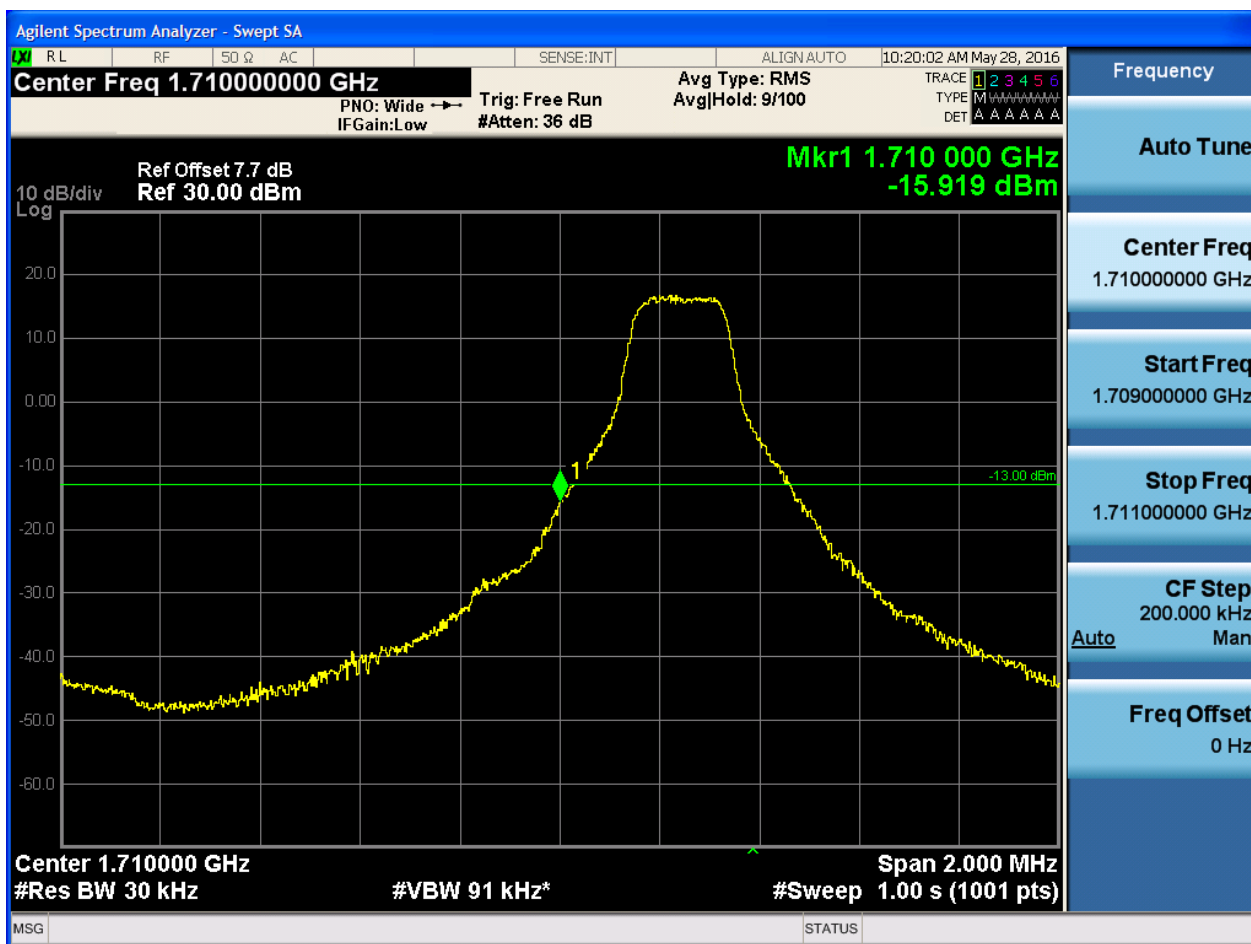




5.1.2.2.2 Test Bandwidth = 3

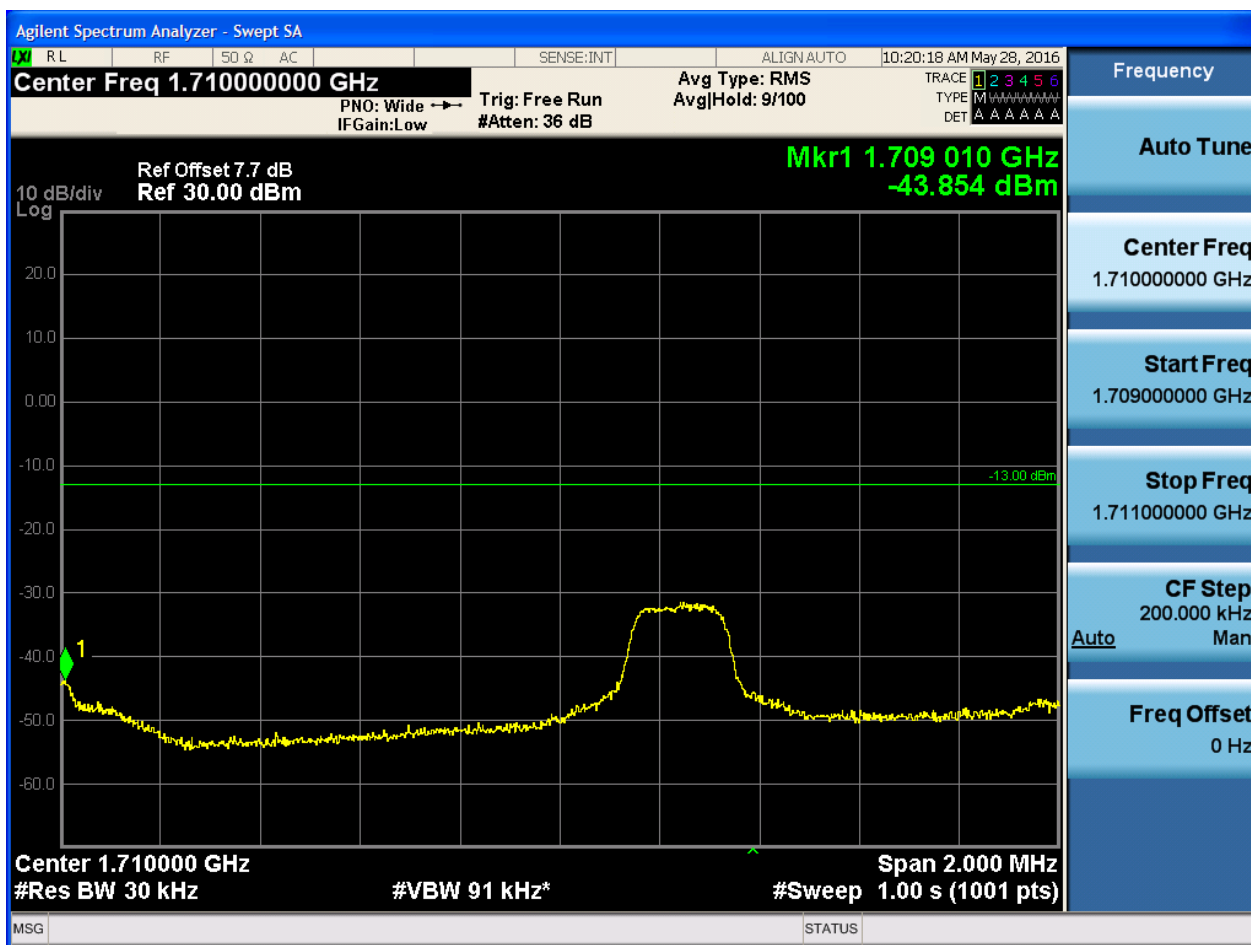
5.1.2.2.2.1 Test Channel = LCH

5.1.2.2.2.1.1 Test RB = RB1#0





5.1.2.2.1.2 Test RB = RB1#14





5.1.2.2.1.3 Test RB = RB8#4

