



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	22.08	20.08	30	PASS
				RB1#3	22.21	20.21	30	PASS
				RB1#5	22.23	20.23	30	PASS
				RB3#0	22.3	20.3	30	PASS
				RB3#2	22.29	20.29	30	PASS
				RB3#3	22.32	20.32	30	PASS
				RB6#0	21.2	19.2	30	PASS
			MCH	RB1#0	22.39	20.39	30	PASS
				RB1#3	22.42	20.42	30	PASS
				RB1#5	22.31	20.31	30	PASS
				RB3#0	22.34	20.34	30	PASS
				RB3#2	22.29	20.29	30	PASS
				RB3#3	22.28	20.28	30	PASS
				RB6#0	21.43	19.43	30	PASS
			HCH	RB1#0	22.41	20.41	30	PASS
				RB1#3	22.32	20.32	30	PASS
				RB1#5	22.16	20.16	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB3#0	22.32	20.32	30	PASS
				RB3#2	22.28	20.28	30	PASS
				RB3#3	22.2	20.2	30	PASS
				RB6#0	21.5	19.5	30	PASS
		3	LCH	RB1#0	21.21	19.21	30	PASS
				RB1#7	22.26	20.26	30	PASS
				RB1#14	22.12	20.12	30	PASS
				RB8#0	21.08	19.08	30	PASS
				RB8#4	21.22	19.22	30	PASS
				RB8#7	21.19	19.19	30	PASS
				RB15#0	21.25	19.25	30	PASS
			MCH	RB1#0	22.23	20.23	30	PASS
				RB1#7	22.43	20.43	30	PASS
				RB1#14	22.12	20.12	30	PASS
				RB8#0	21.42	19.42	30	PASS
				RB8#4	21.42	19.42	30	PASS
				RB8#7	21.35	19.35	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.38	19.38	30	PASS
			HCH	RB1#0	22.6	20.6	30	PASS
				RB1#7	22.53	20.53	30	PASS
				RB1#14	22.09	20.09	30	PASS
				RB8#0	21.74	19.74	30	PASS
				RB8#4	21.62	19.62	30	PASS
				RB8#7	21.48	19.48	30	PASS
				RB15#0	21.59	19.59	30	PASS
		5	LCH	RB1#0	22.24	20.24	30	PASS
				RB1#13	22.77	20.77	30	PASS
				RB1#24	22.44	20.44	30	PASS
				RB12#0	21.45	19.45	30	PASS
				RB12#6	21.59	19.59	30	PASS
				RB12#13	21.53	19.53	30	PASS
				RB25#0	21.45	19.45	30	PASS
			MCH	RB1#0	22.26	20.26	30	PASS
				RB1#13	22.52	20.52	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.01	20.01	30	PASS
				RB12#0	21.41	19.41	30	PASS
				RB12#6	21.47	19.47	30	PASS
				RB12#13	21.29	19.29	30	PASS
				RB25#0	21.36	19.36	30	PASS
			HCH	RB1#0	22.8	20.8	30	PASS
				RB1#13	22.64	20.64	30	PASS
				RB1#24	21.96	19.96	30	PASS
				RB12#0	21.94	19.94	30	PASS
				RB12#6	21.91	19.91	30	PASS
				RB12#13	21.48	19.48	30	PASS
				RB25#0	21.62	19.62	30	PASS
		10	LCH	RB1#0	22.28	20.28	30	PASS
				RB1#25	22.97	20.97	30	PASS
				RB1#49	22.39	20.39	30	PASS
				RB25#0	21.58	19.58	30	PASS
				RB25#13	21.6	19.6	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.69	19.69	30	PASS
				RB50#0	21.79	19.79	30	PASS
			MCH	RB1#0	22.22	20.22	30	PASS
				RB1#25	22.5	20.5	30	PASS
				RB1#49	22.21	20.21	30	PASS
				RB25#0	21.46	19.46	30	PASS
				RB25#13	21.41	19.41	30	PASS
				RB25#25	21.26	19.26	30	PASS
				RB50#0	21.35	19.35	30	PASS
			HCH	RB1#0	22.81	20.81	30	PASS
				RB1#25	22.99	20.99	30	PASS
				RB1#49	22.03	20.03	30	PASS
				RB25#0	21.93	19.93	30	PASS
				RB25#13	22.09	20.09	30	PASS
				RB25#25	21.72	19.72	30	PASS
				RB50#0	21.73	19.73	30	PASS
		15	LCH	RB1#0	22.39	20.39	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.75	20.75	30	PASS
				RB1#74	22.3	20.3	30	PASS
				RB38#0	21.62	19.62	30	PASS
				RB38#19	21.46	19.46	30	PASS
				RB38#39	21.56	19.56	30	PASS
				RB75#0	21.74	19.74	30	PASS
			MCH	RB1#0	22.3	20.3	30	PASS
				RB1#38	22.49	20.49	30	PASS
				RB1#74	22.45	20.45	30	PASS
				RB38#0	21.57	19.57	30	PASS
				RB38#19	21.58	19.58	30	PASS
				RB38#39	21.54	19.54	30	PASS
				RB75#0	21.43	19.43	30	PASS
			HCH	RB1#0	22.6	20.6	30	PASS
				RB1#38	22.99	20.99	30	PASS
				RB1#74	22.2	20.2	30	PASS
				RB38#0	21.83	19.83	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#19	21.97	19.97	30	PASS
				RB38#39	21.75	19.75	30	PASS
				RB75#0	21.79	19.79	30	PASS
		20	LCH	RB1#0	21.49	19.49	30	PASS
				RB1#50	21.85	19.85	30	PASS
				RB1#99	21.23	19.23	30	PASS
				RB50#0	21.62	19.62	30	PASS
				RB50#25	21.64	19.64	30	PASS
				RB50#50	21.54	19.54	30	PASS
				RB100#0	21.61	19.61	30	PASS
			MCH	RB1#0	21.5	19.5	30	PASS
				RB1#50	21.65	19.65	30	PASS
				RB1#99	21.7	19.7	30	PASS
				RB50#0	21.56	19.56	30	PASS
				RB50#25	21.39	19.39	30	PASS
				RB50#50	21.5	19.5	30	PASS
				RB100#0	21.46	19.46	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.31	19.31	30	PASS
				RB1#50	22.24	20.24	30	PASS
				RB1#99	21.45	19.45	30	PASS
				RB50#0	21.59	19.59	30	PASS
				RB50#25	22.02	20.02	30	PASS
				RB50#50	21.69	19.69	30	PASS
				RB100#0	21.68	19.68	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	20.61	18.61	30	PASS
				RB1#3	20.62	18.62	30	PASS
				RB1#5	20.62	18.62	30	PASS
				RB3#0	20.78	18.78	30	PASS
				RB3#2	20.81	18.81	30	PASS
				RB3#3	20.82	18.82	30	PASS
				RB6#0	20.65	18.65	30	PASS
			MCH	RB1#0	21.13	19.13	30	PASS
				RB1#3	21.16	19.16	30	PASS
				RB1#5	21.08	19.08	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB3#0	21.05	19.05	30	PASS
				RB3#2	21.01	19.01	30	PASS
				RB3#3	21	19	30	PASS
				RB6#0	20.98	18.98	30	PASS
			HCH	RB1#0	21.28	19.28	30	PASS
				RB1#3	21.28	19.28	30	PASS
				RB1#5	21.09	19.09	30	PASS
				RB3#0	21.19	19.19	30	PASS
				RB3#2	21.13	19.13	30	PASS
				RB3#3	21.02	19.02	30	PASS
				RB6#0	21.04	19.04	30	PASS
		3	LCH	RB1#0	20.53	18.53	30	PASS
				RB1#7	20.55	18.55	30	PASS
				RB1#14	20.47	18.47	30	PASS
				RB8#0	20.6	18.6	30	PASS
				RB8#4	20.76	18.76	30	PASS
				RB8#7	20.73	18.73	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.72	18.72	30	PASS
			MCH	RB1#0	21.07	19.07	30	PASS
				RB1#7	21.29	19.29	30	PASS
				RB1#14	20.92	18.92	30	PASS
				RB8#0	20.97	18.97	30	PASS
				RB8#4	20.96	18.96	30	PASS
				RB8#7	20.9	18.9	30	PASS
				RB15#0	20.82	18.82	30	PASS
			HCH	RB1#0	21.24	19.24	30	PASS
				RB1#7	21.27	19.27	30	PASS
				RB1#14	20.78	18.78	30	PASS
				RB8#0	21.19	19.19	30	PASS
				RB8#4	21.13	19.13	30	PASS
				RB8#7	21	19	30	PASS
				RB15#0	21.07	19.07	30	PASS
		5	LCH	RB1#0	20.84	18.84	30	PASS
				RB1#13	20.99	18.99	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	20.73	18.73	30	PASS
				RB12#0	20.75	18.75	30	PASS
				RB12#6	20.78	18.78	30	PASS
				RB12#13	20.73	18.73	30	PASS
				RB25#0	20.65	18.65	30	PASS
			MCH	RB1#0	21.25	19.25	30	PASS
				RB1#13	21.51	19.51	30	PASS
				RB1#24	21.02	19.02	30	PASS
				RB12#0	21.01	19.01	30	PASS
				RB12#6	21.07	19.07	30	PASS
				RB12#13	20.89	18.89	30	PASS
				RB25#0	20.85	18.85	30	PASS
			HCH	RB1#0	21.34	19.34	30	PASS
				RB1#13	21.35	19.35	30	PASS
				RB1#24	20.74	18.74	30	PASS
				RB12#0	21.47	19.47	30	PASS
				RB12#6	21.39	19.39	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.03	19.03	30	PASS
				RB25#0	21.1	19.1	30	PASS
		10	LCH	RB1#0	20.35	18.35	30	PASS
				RB1#25	21.07	19.07	30	PASS
				RB1#49	20.64	18.64	30	PASS
				RB25#0	20.93	18.93	30	PASS
				RB25#13	20.92	18.92	30	PASS
				RB25#25	21.01	19.01	30	PASS
				RB50#0	21.06	19.06	30	PASS
			MCH	RB1#0	21.1	19.1	30	PASS
				RB1#25	21.34	19.34	30	PASS
				RB1#49	20.8	18.8	30	PASS
				RB25#0	20.95	18.95	30	PASS
				RB25#13	20.94	18.94	30	PASS
				RB25#25	20.77	18.77	30	PASS
				RB50#0	20.87	18.87	30	PASS
			HCH	RB1#0	21.19	19.19	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.71	19.71	30	PASS
				RB1#49	20.95	18.95	30	PASS
				RB25#0	21.23	19.23	30	PASS
				RB25#13	21.42	19.42	30	PASS
				RB25#25	21.19	19.19	30	PASS
				RB50#0	21.15	19.15	30	PASS
		15	LCH	RB1#0	20.81	18.81	30	PASS
				RB1#38	21.26	19.26	30	PASS
				RB1#74	21.05	19.05	30	PASS
				RB38#0	21.02	19.02	30	PASS
				RB38#19	20.95	18.95	30	PASS
				RB38#39	21.02	19.02	30	PASS
				RB75#0	21.16	19.16	30	PASS
			MCH	RB1#0	21.09	19.09	30	PASS
				RB1#38	21.27	19.27	30	PASS
				RB1#74	21.05	19.05	30	PASS
				RB38#0	21.09	19.09	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#19	21.13	19.13	30	PASS
				RB38#39	21	19	30	PASS
				RB75#0	20.95	18.95	30	PASS
			HCH	RB1#0	21.18	19.18	30	PASS
				RB1#38	21.86	19.86	30	PASS
				RB1#74	21.23	19.23	30	PASS
				RB38#0	21.32	19.32	30	PASS
				RB38#19	21.36	19.36	30	PASS
				RB38#39	21.25	19.25	30	PASS
				RB75#0	21.24	19.24	30	PASS
		20	LCH	RB1#0	21.34	19.34	30	PASS
				RB1#50	21.68	19.68	30	PASS
				RB1#99	21.16	19.16	30	PASS
				RB50#0	21.05	19.05	30	PASS
				RB50#25	21.19	19.19	30	PASS
				RB50#50	21.05	19.05	30	PASS
				RB100#0	21.14	19.14	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.22	19.22	30	PASS
				RB1#50	21.33	19.33	30	PASS
				RB1#99	21.32	19.32	30	PASS
				RB50#0	21.07	19.07	30	PASS
				RB50#25	20.96	18.96	30	PASS
				RB50#50	21	19	30	PASS
				RB100#0	21.01	19.01	30	PASS
			HCH	RB1#0	21.14	19.14	30	PASS
				RB1#50	21.92	19.92	30	PASS
				RB1#99	21.35	19.35	30	PASS
				RB50#0	21.12	19.12	30	PASS
				RB50#25	21.45	19.45	30	PASS
				RB50#50	21.17	19.17	30	PASS
				RB100#0	21.12	19.12	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

b, SGP=Signal Generator Level

Note2:

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

SET RBW=1%of the OBW, not to exceed 1MHz

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

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	4.43	13	PASS
				RB1#3	4.34	13	PASS
				RB1#5	4.32	13	PASS
				RB3#0	4.68	13	PASS
				RB3#2	4.8	13	PASS
				RB3#3	4.7	13	PASS
				RB6#0	4.94	13	PASS
			MCH	RB1#0	3.83	13	PASS
				RB1#3	3.87	13	PASS
				RB1#5	3.78	13	PASS
				RB3#0	4.14	13	PASS
				RB3#2	4.05	13	PASS
				RB3#3	4.13	13	PASS
				RB6#0	5.12	13	PASS
			HCH	RB1#0	2.84	13	PASS
				RB1#3	2.9	13	PASS
				RB1#5	2.87	13	PASS
				RB3#0	3.38	13	PASS
				RB3#2	3.29	13	PASS
				RB3#3	3.41	13	PASS
				RB6#0	4.64	13	PASS
		3	LCH	RB1#0	4.18	13	PASS
				RB1#7	4.25	13	PASS
				RB1#14	4.09	13	PASS
				RB8#0	4.63	13	PASS
				RB8#4	4.63	13	PASS
				RB8#7	4.71	13	PASS
				RB15#0	5.16	13	PASS
			MCH	RB1#0	3.74	13	PASS
				RB1#7	3.47	13	PASS
				RB1#14	3.81	13	PASS
				RB8#0	4.72	13	PASS
				RB8#4	4.75	13	PASS
				RB8#7	4.74	13	PASS
				RB15#0	5.28	13	PASS
			HCH	RB1#0	3.03	13	PASS
				RB1#7	2.61	13	PASS
				RB1#14	3.05	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB8#0	4.18	13	PASS
				RB8#4	4	13	PASS
				RB8#7	4.23	13	PASS
				RB15#0	4.87	13	PASS
			LCH	RB1#0	4.56	13	PASS
				RB1#13	4.25	13	PASS
				RB1#24	4.17	13	PASS
				RB12#0	4.8	13	PASS
				RB12#6	4.79	13	PASS
				RB12#13	4.94	13	PASS
				RB25#0	5.27	13	PASS
			MCH	RB1#0	4.18	13	PASS
				RB1#13	4.01	13	PASS
				RB1#24	4.04	13	PASS
				RB12#0	4.81	13	PASS
				RB12#6	4.69	13	PASS
				RB12#13	4.74	13	PASS
				RB25#0	5.4	13	PASS
			HCH	RB1#0	3.3	13	PASS
				RB1#13	2.86	13	PASS
				RB1#24	3.12	13	PASS
				RB12#0	4.1	13	PASS
				RB12#6	3.75	13	PASS
				RB12#13	4.21	13	PASS
				RB25#0	4.82	13	PASS
		10	LCH	RB1#0	4.5	13	PASS
				RB1#25	3.93	13	PASS
				RB1#49	3.65	13	PASS
				RB25#0	4.99	13	PASS
				RB25#13	4.96	13	PASS
				RB25#25	5.05	13	PASS
				RB50#0	5.49	13	PASS
			MCH	RB1#0	3.83	13	PASS
				RB1#25	3.82	13	PASS
				RB1#49	4.31	13	PASS
				RB25#0	4.98	13	PASS
				RB25#13	4.97	13	PASS
				RB25#25	5.23	13	PASS
				RB50#0	5.6	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	3.68	13	PASS
				RB1#25	2.86	13	PASS
				RB1#49	3.01	13	PASS
				RB25#0	4.6	13	PASS
				RB25#13	4.16	13	PASS
				RB25#25	4.27	13	PASS
				RB50#0	5.13	13	PASS
		15	LCH	RB1#0	4.46	13	PASS
				RB1#38	3.55	13	PASS
				RB1#74	3.59	13	PASS
				RB38#0	5.04	13	PASS
				RB38#19	4.85	13	PASS
				RB38#39	4.88	13	PASS
				RB75#0	5.67	13	PASS
			MCH	RB1#0	3.65	13	PASS
				RB1#38	3.93	13	PASS
				RB1#74	4.3	13	PASS
				RB38#0	5.01	13	PASS
				RB38#19	5.01	13	PASS
				RB38#39	5.15	13	PASS
				RB75#0	5.85	13	PASS
			HCH	RB1#0	4.11	13	PASS
				RB1#38	3.18	13	PASS
				RB1#74	3.38	13	PASS
				RB38#0	4.78	13	PASS
				RB38#19	4.52	13	PASS
				RB38#39	4.47	13	PASS
				RB75#0	5.44	13	PASS
		20	LCH	RB1#0	5.21	13	PASS
				RB1#50	3.84	13	PASS
				RB1#99	4.01	13	PASS
				RB50#0	5.08	13	PASS
				RB50#25	4.96	13	PASS
				RB50#50	5.04	13	PASS
				RB100#0	5.47	13	PASS
			MCH	RB1#0	3.7	13	PASS
				RB1#50	4.19	13	PASS
				RB1#99	4.87	13	PASS
				RB50#0	5.09	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	5.16	13	PASS
				RB50#50	5.21	13	PASS
				RB100#0	5.59	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#50	4.58	13	PASS
				RB1#99	3.8	13	PASS
				RB50#0	5.1	13	PASS
				RB50#25	4.75	13	PASS
				RB50#50	4.74	13	PASS
				RB100#0	5.69	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.71	13	PASS
				RB1#3	4.84	13	PASS
				RB1#5	4.55	13	PASS
				RB3#0	4.85	13	PASS
				RB3#2	4.74	13	PASS
				RB3#3	4.97	13	PASS
				RB6#0	5.59	13	PASS
			MCH	RB1#0	4.54	13	PASS
				RB1#3	4.74	13	PASS
				RB1#5	4.54	13	PASS
				RB3#0	4.87	13	PASS
				RB3#2	4.67	13	PASS
				RB3#3	4.86	13	PASS
				RB6#0	5.94	13	PASS
			HCH	RB1#0	3.81	13	PASS
				RB1#3	3.79	13	PASS
				RB1#5	3.7	13	PASS
				RB3#0	4.17	13	PASS
				RB3#2	4.28	13	PASS
				RB3#3	4.21	13	PASS
				RB6#0	5.29	13	PASS
		3	LCH	RB1#0	4.78	13	PASS
				RB1#7	4.38	13	PASS
				RB1#14	4.81	13	PASS
				RB8#0	5.48	13	PASS
				RB8#4	5.38	13	PASS
				RB8#7	5.48	13	PASS
				RB15#0	5.8	13	PASS
			MCH	RB1#0	4.61	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	4.49	13	PASS
				RB1#14	4.62	13	PASS
				RB8#0	5.42	13	PASS
				RB8#4	5.56	13	PASS
				RB8#7	5.48	13	PASS
				RB15#0	5.87	13	PASS
			HCH	RB1#0	3.9	13	PASS
				RB1#7	3.62	13	PASS
				RB1#14	4.03	13	PASS
				RB8#0	5.04	13	PASS
				RB8#4	4.8	13	PASS
				RB8#7	5.01	13	PASS
				RB15#0	5.41	13	PASS
		5	LCH	RB1#0	4.77	13	PASS
				RB1#13	4.79	13	PASS
				RB1#24	4.72	13	PASS
				RB12#0	5.32	13	PASS
				RB12#6	5.42	13	PASS
				RB12#13	5.35	13	PASS
				RB25#0	6.21	13	PASS
			MCH	RB1#0	4.83	13	PASS
				RB1#13	4.77	13	PASS
				RB1#24	4.94	13	PASS
				RB12#0	5.33	13	PASS
				RB12#6	5.51	13	PASS
				RB12#13	5.5	13	PASS
				RB25#0	6.25	13	PASS
			HCH	RB1#0	3.92	13	PASS
				RB1#13	3.68	13	PASS
				RB1#24	4.06	13	PASS
				RB12#0	5.02	13	PASS
				RB12#6	4.77	13	PASS
				RB12#13	4.98	13	PASS
				RB25#0	5.64	13	PASS
		10	LCH	RB1#0	5.05	13	PASS
				RB1#25	4.7	13	PASS
				RB1#49	4.53	13	PASS
				RB25#0	5.63	13	PASS
				RB25#13	5.73	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.59	13	PASS
				RB50#0	6.08	13	PASS
			MCH	RB1#0	4.66	13	PASS
				RB1#25	4.71	13	PASS
				RB1#49	4.91	13	PASS
				RB25#0	5.45	13	PASS
				RB25#13	5.73	13	PASS
				RB25#25	5.73	13	PASS
				RB50#0	6.19	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#25	3.95	13	PASS
				RB1#49	4.31	13	PASS
				RB25#0	5.38	13	PASS
				RB25#13	5.09	13	PASS
				RB25#25	5.24	13	PASS
				RB50#0	5.92	13	PASS
		15	LCH	RB1#0	5.21	13	PASS
				RB1#38	4.58	13	PASS
				RB1#74	4.46	13	PASS
				RB38#0	5.7	13	PASS
				RB38#19	5.81	13	PASS
				RB38#39	5.5	13	PASS
				RB75#0	6.31	13	PASS
			MCH	RB1#0	4.42	13	PASS
				RB1#38	4.78	13	PASS
				RB1#74	4.8	13	PASS
				RB38#0	5.56	13	PASS
				RB38#19	5.72	13	PASS
				RB38#39	5.75	13	PASS
				RB75#0	6.42	13	PASS
			HCH	RB1#0	4.66	13	PASS
				RB1#38	4.21	13	PASS
				RB1#74	4.09	13	PASS
				RB38#0	5.79	13	PASS
				RB38#19	5.38	13	PASS
				RB38#39	5.37	13	PASS
				RB75#0	6.08	13	PASS
		20	LCH	RB1#0	5.74	13	PASS
				RB1#50	4.28	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.87	13	PASS
				RB50#0	5.75	13	PASS
				RB50#25	5.64	13	PASS
				RB50#50	5.57	13	PASS
				RB100#0	6.19	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#50	4.52	13	PASS
				RB1#99	5.41	13	PASS
				RB50#0	5.56	13	PASS
				RB50#25	5.89	13	PASS
				RB50#50	5.67	13	PASS
				RB100#0	6.19	13	PASS
			HCH	RB1#0	5.28	13	PASS
				RB1#50	4.99	13	PASS
				RB1#99	4.19	13	PASS
				RB50#0	5.59	13	PASS
				RB50#25	5.66	13	PASS
				RB50#50	5.49	13	PASS
				RB100#0	6.74	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

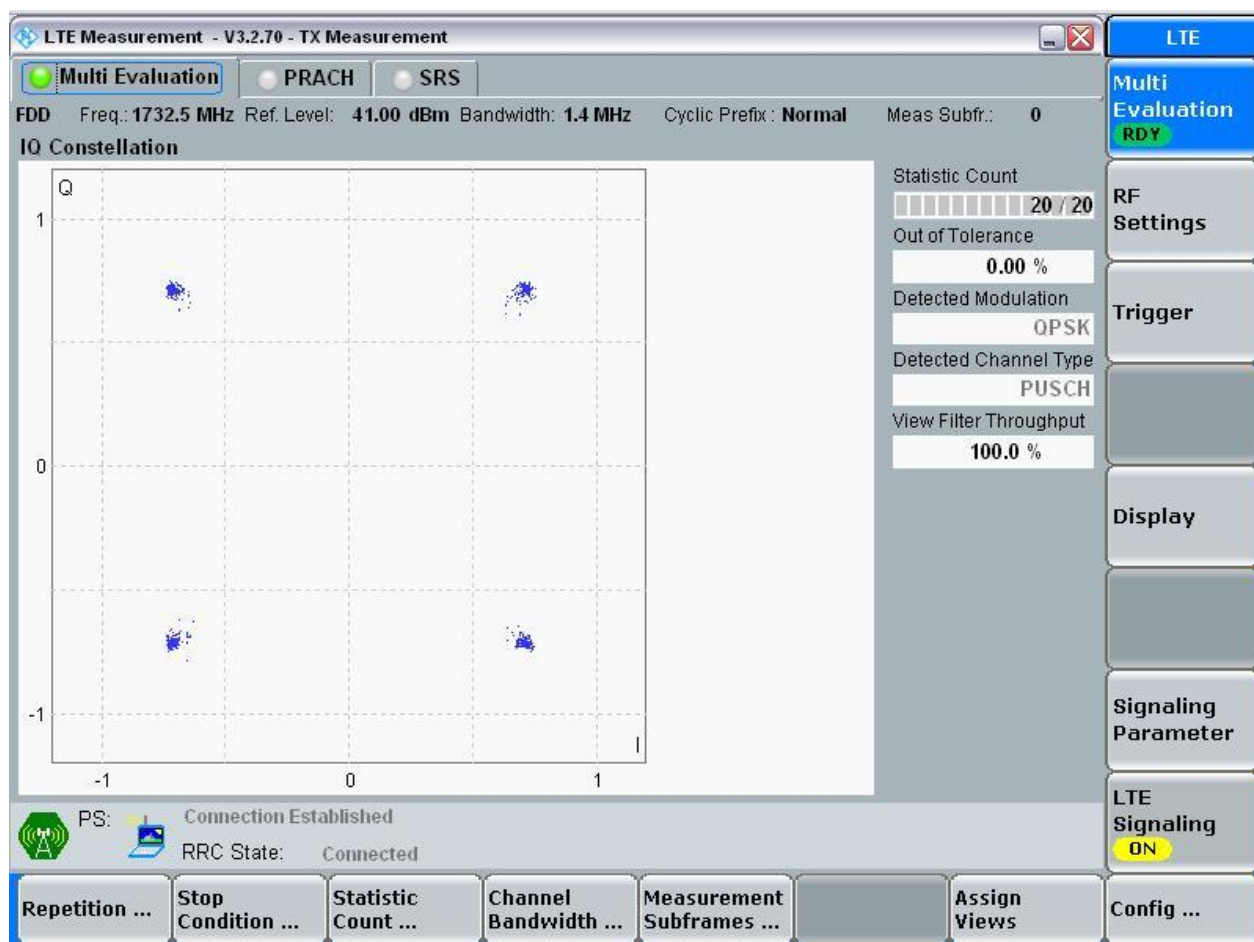
3.1.1 Test Band = BAND4

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

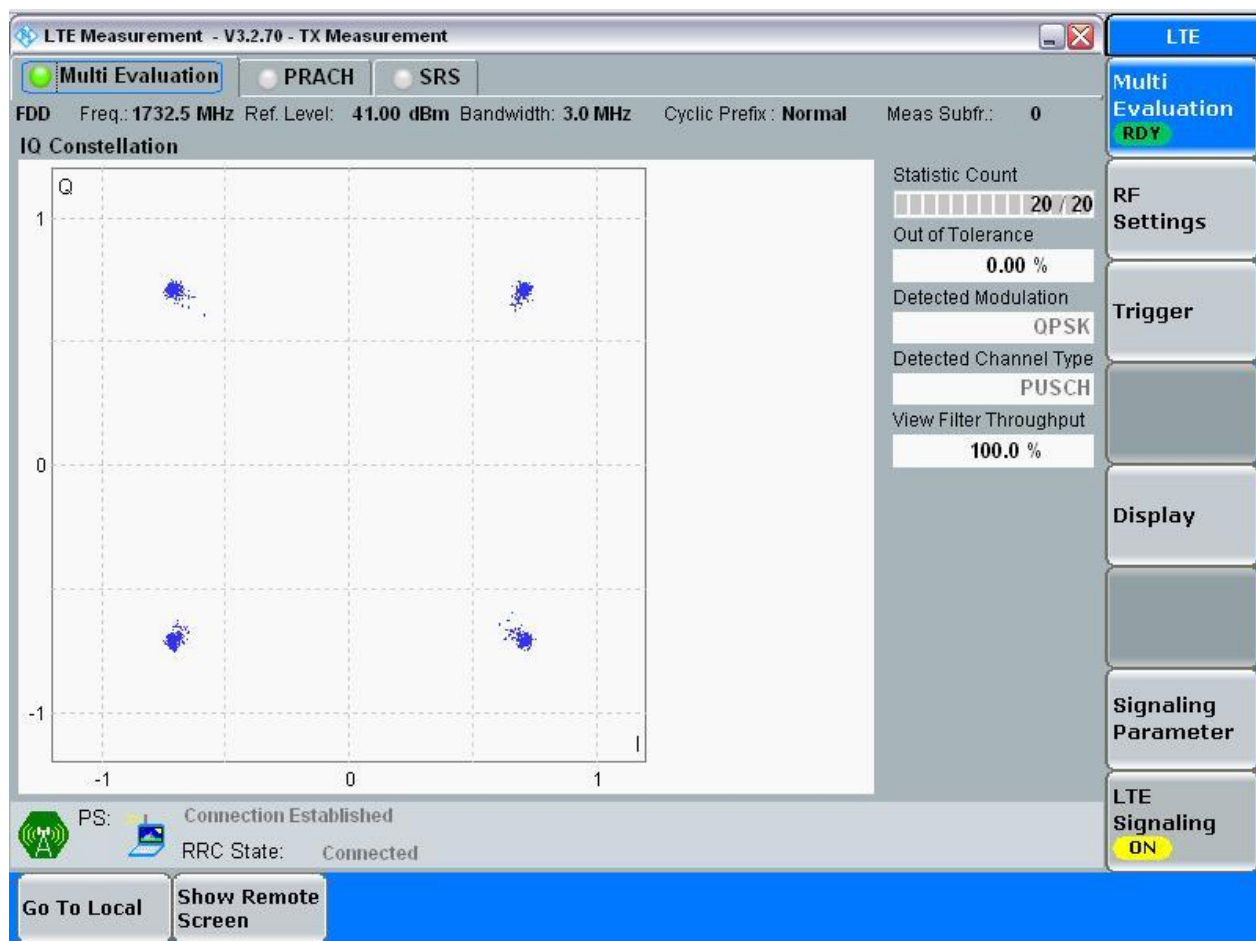
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

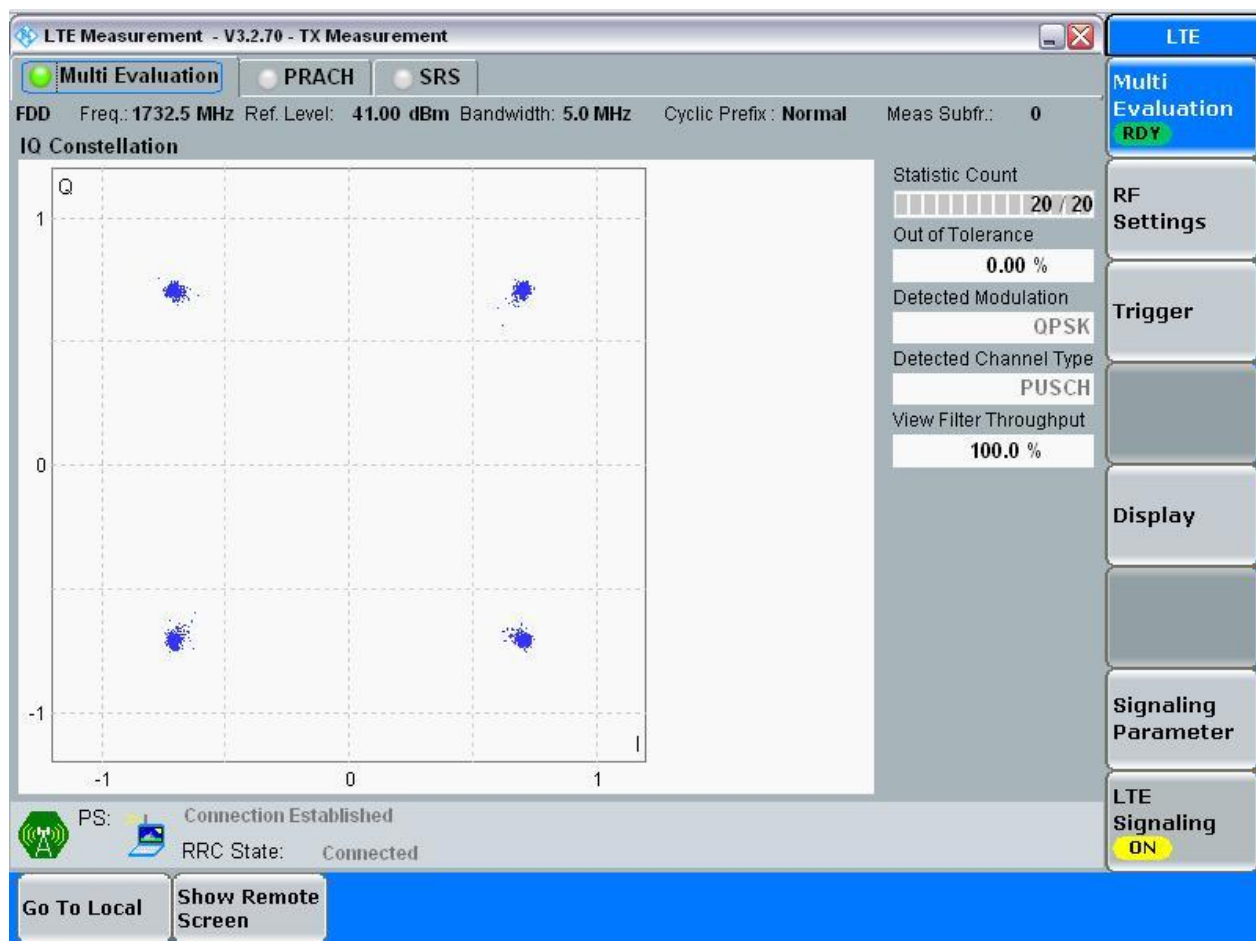
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

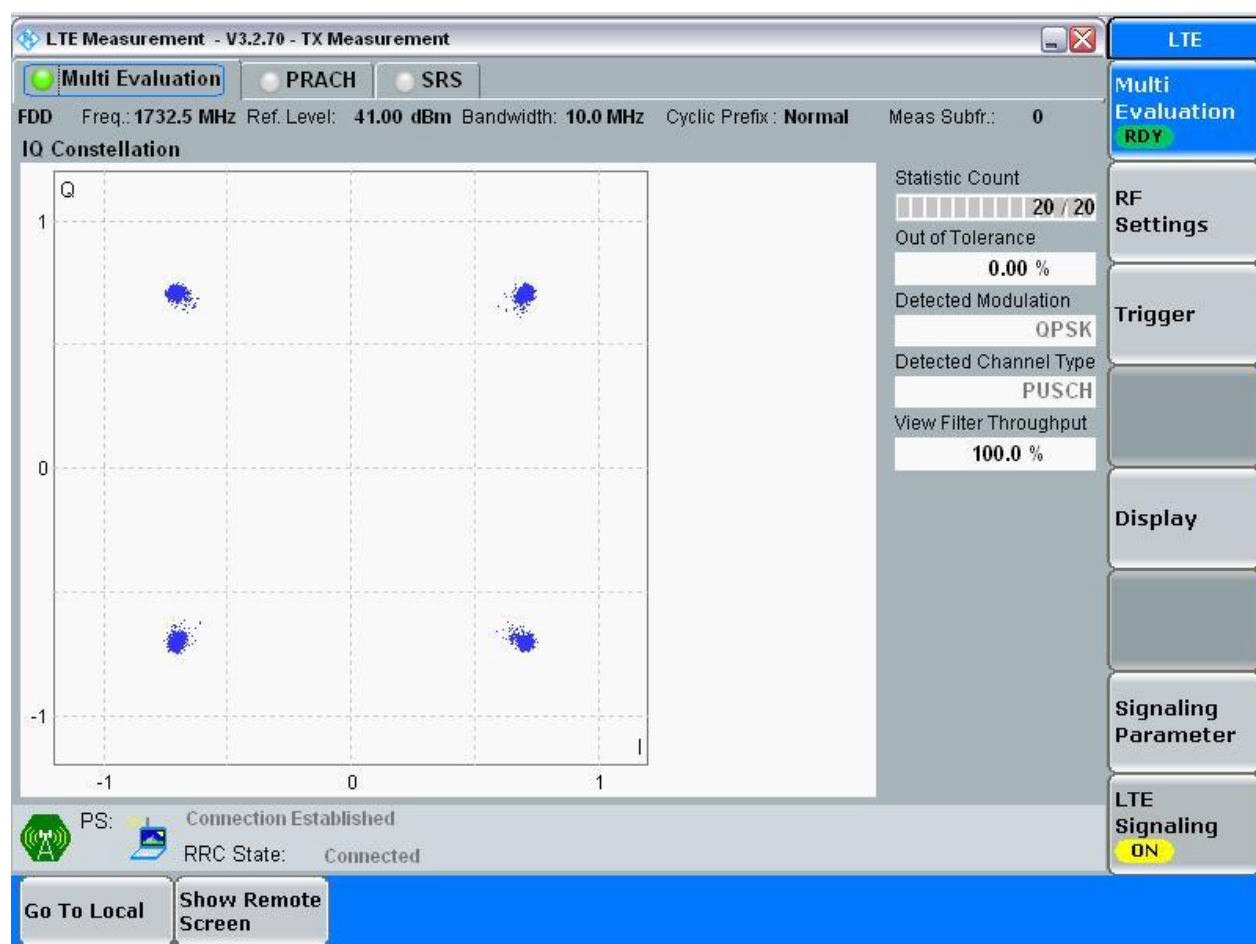
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

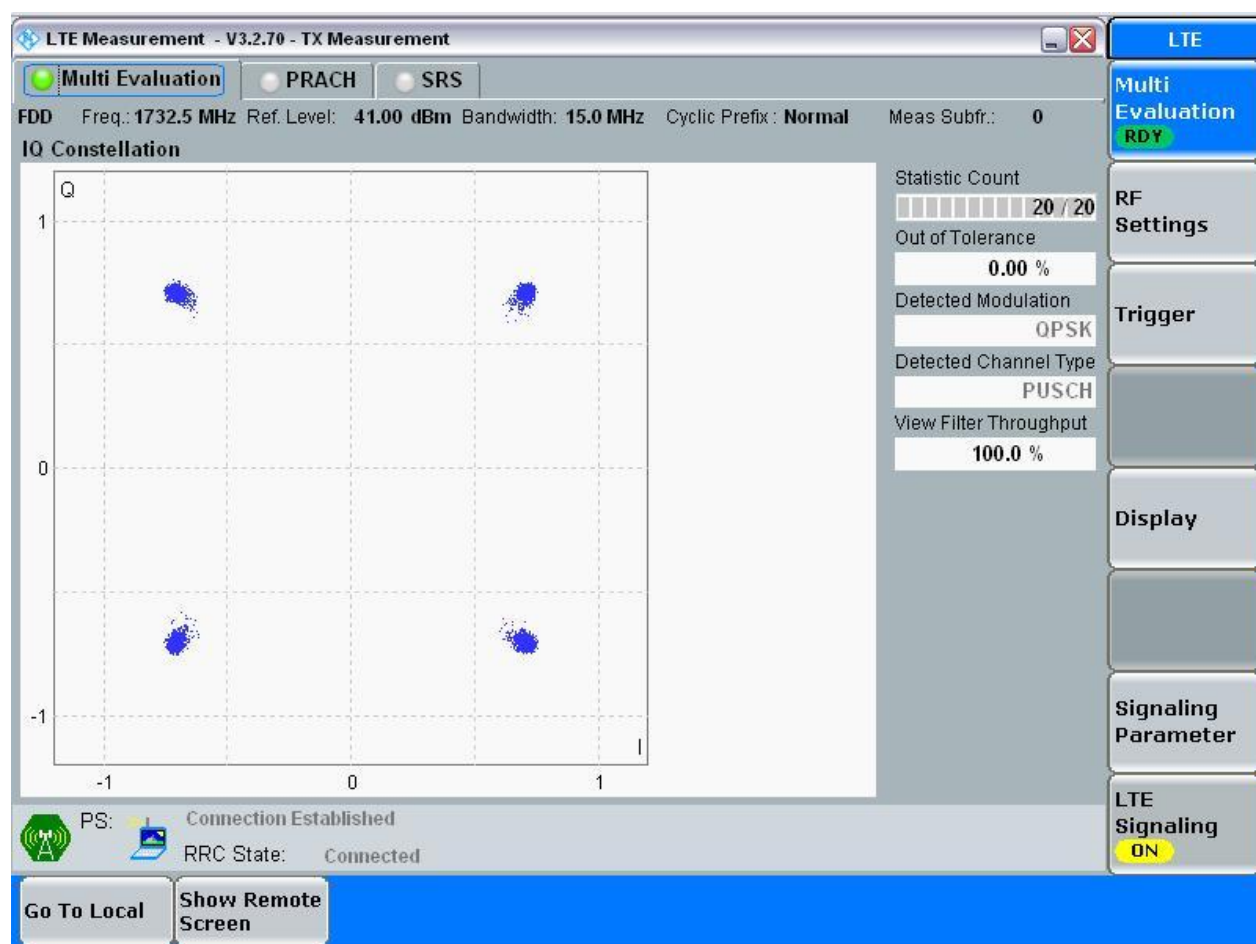
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

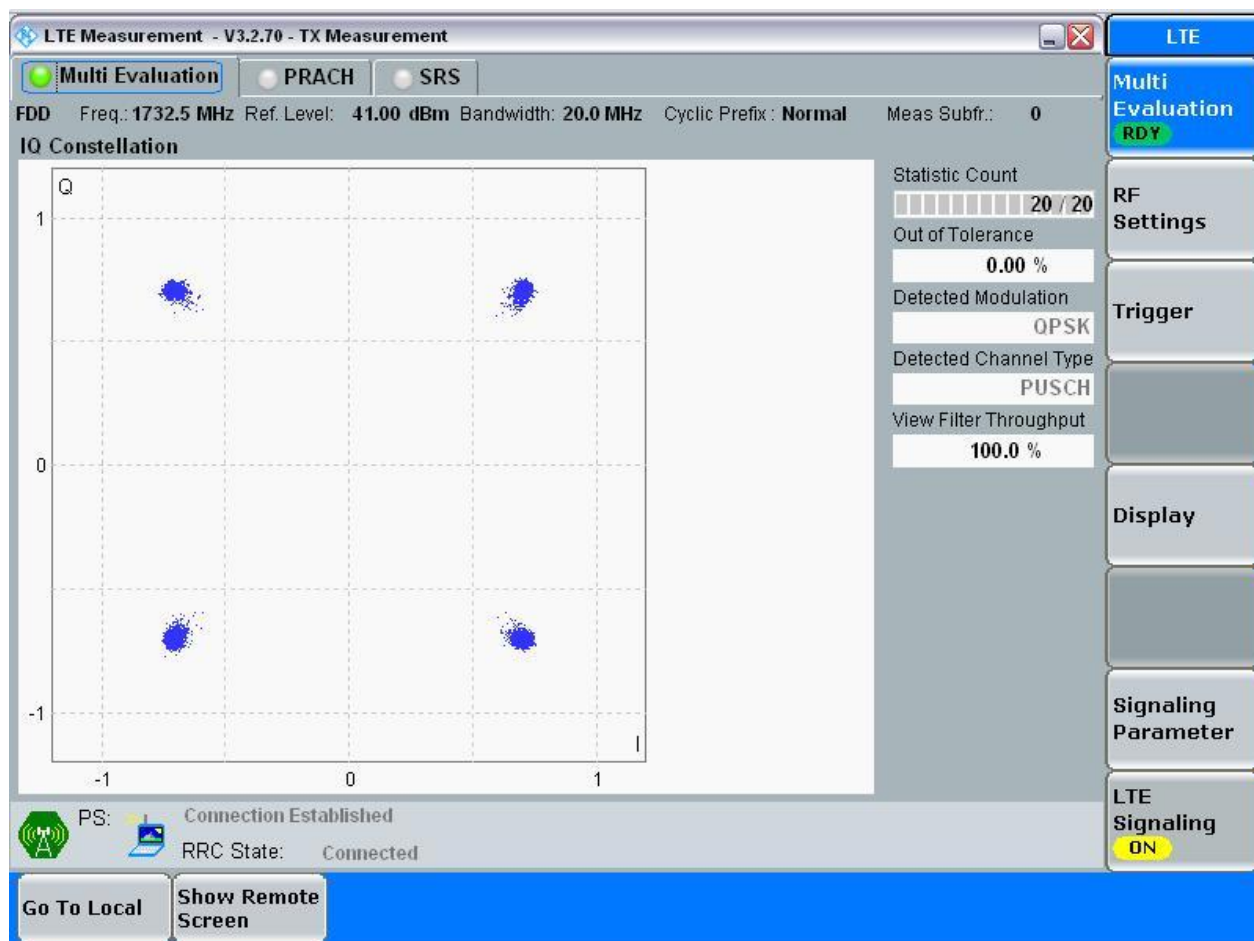
3.1.1.1.5.1.1 Test RB = RB75#0



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

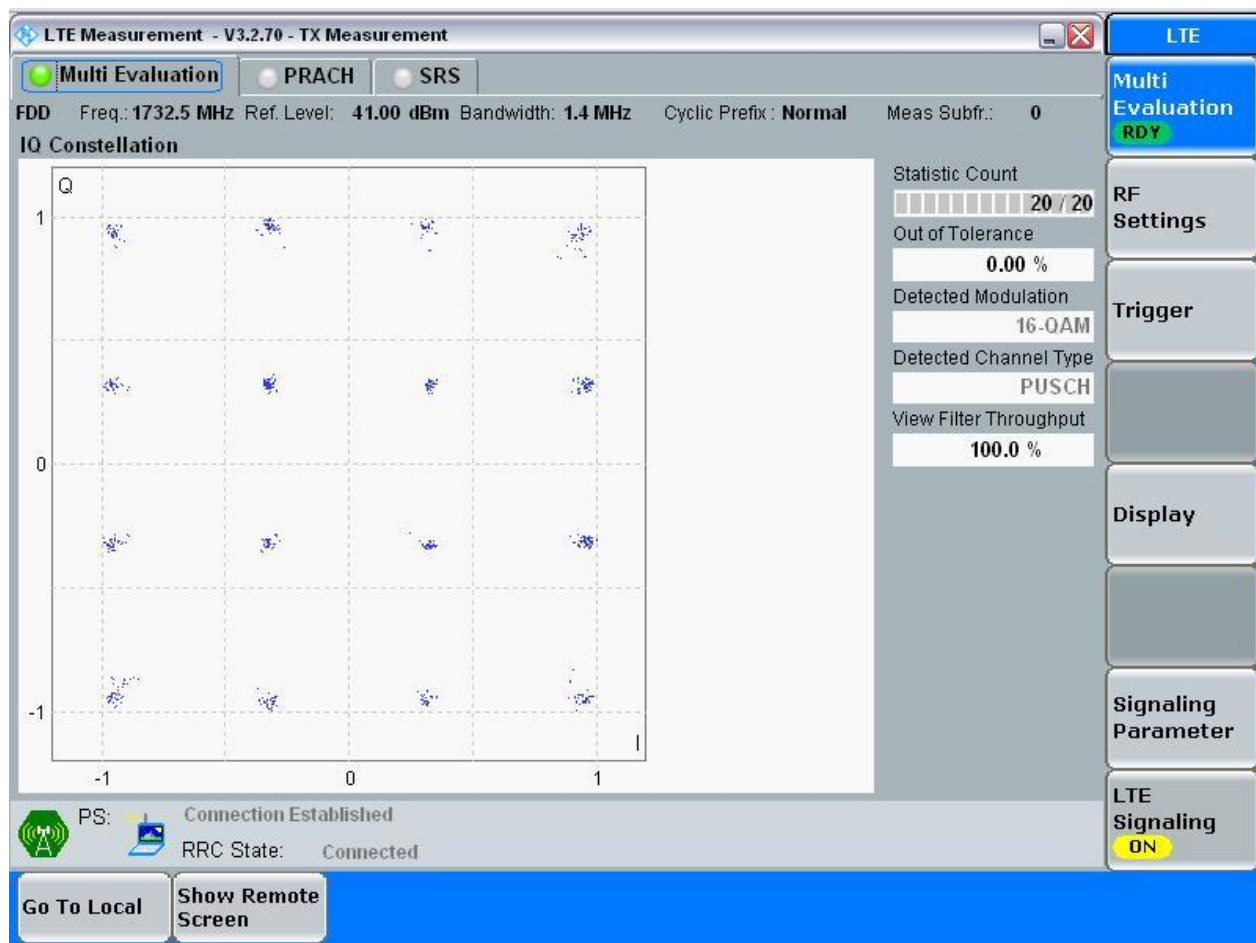


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

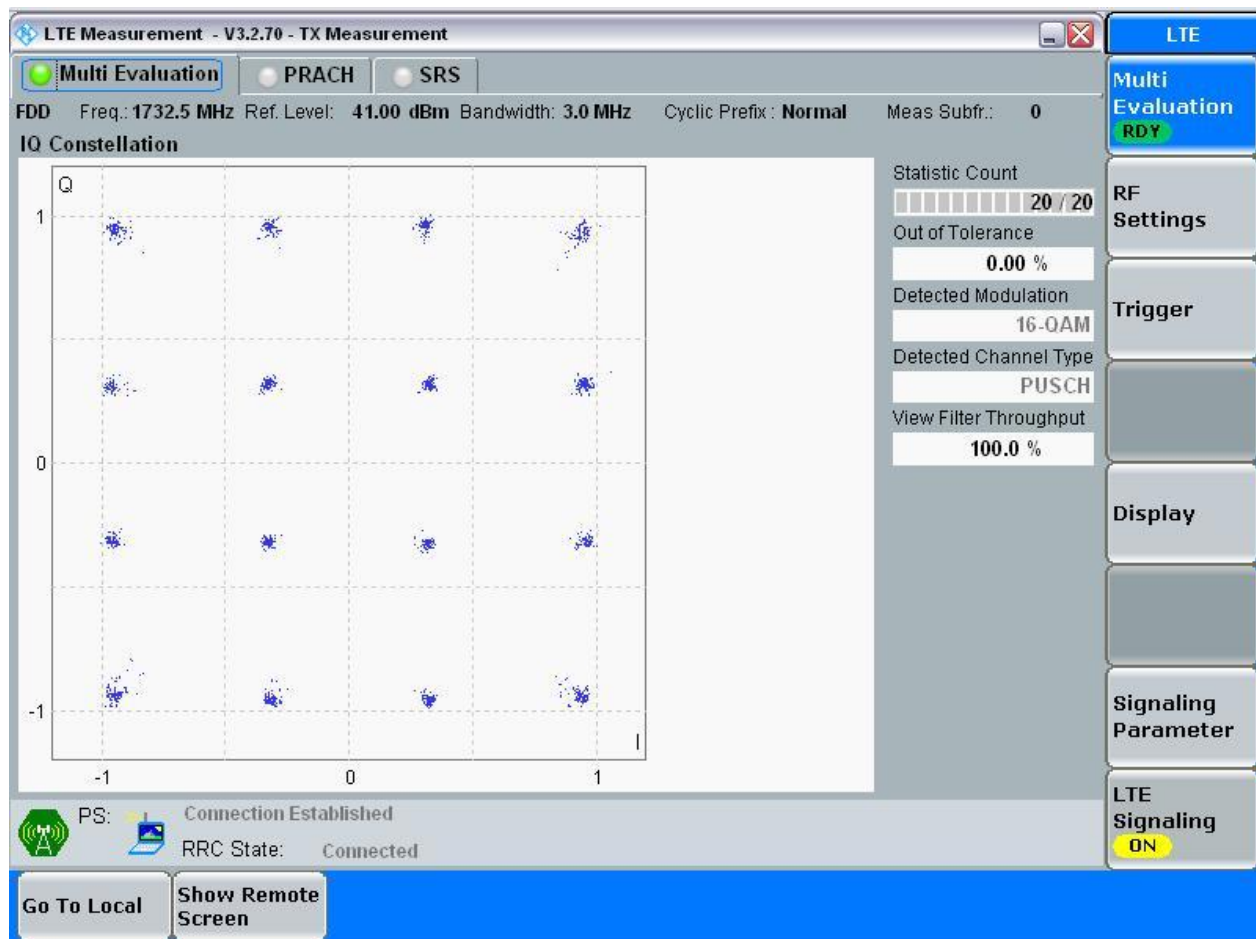
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

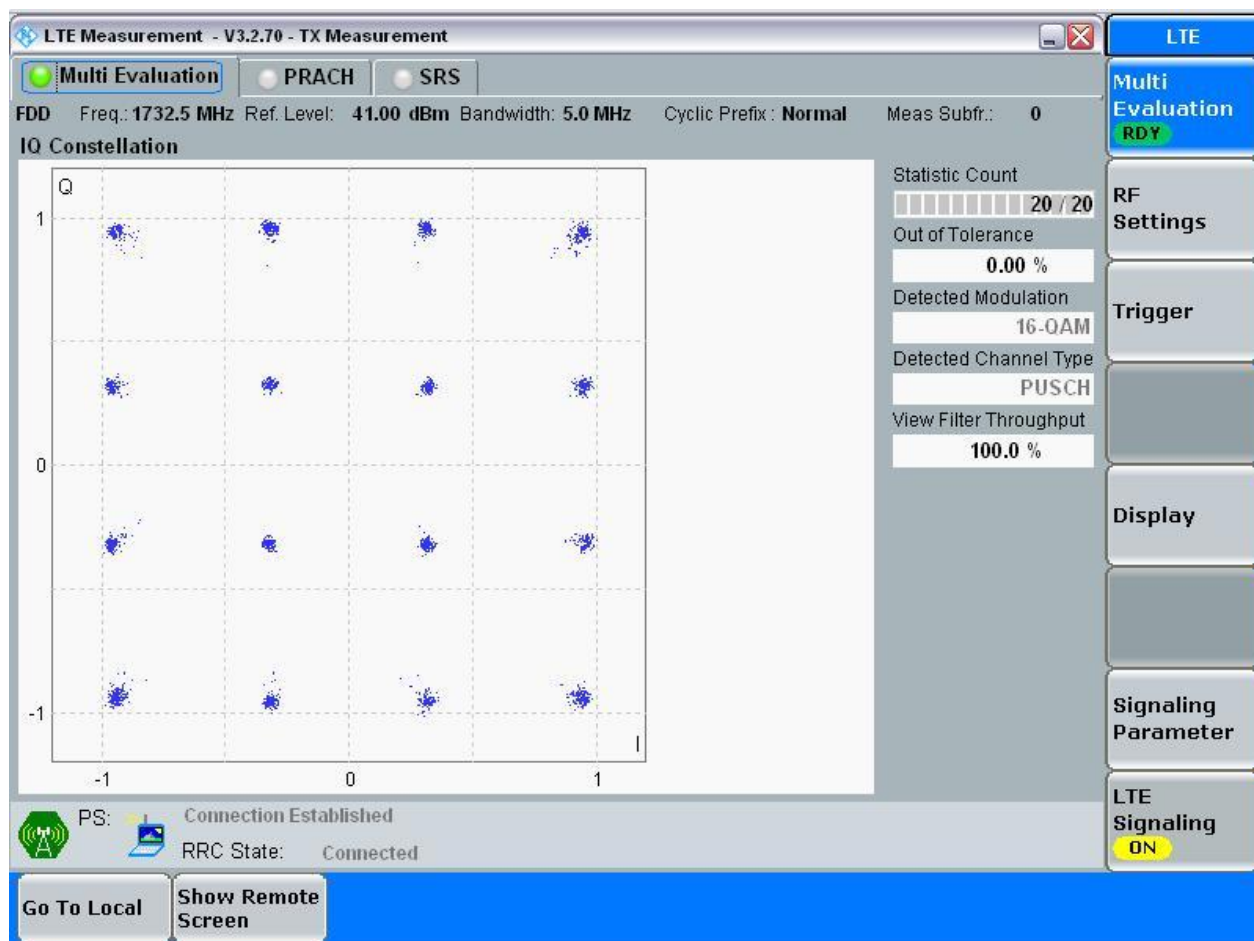
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

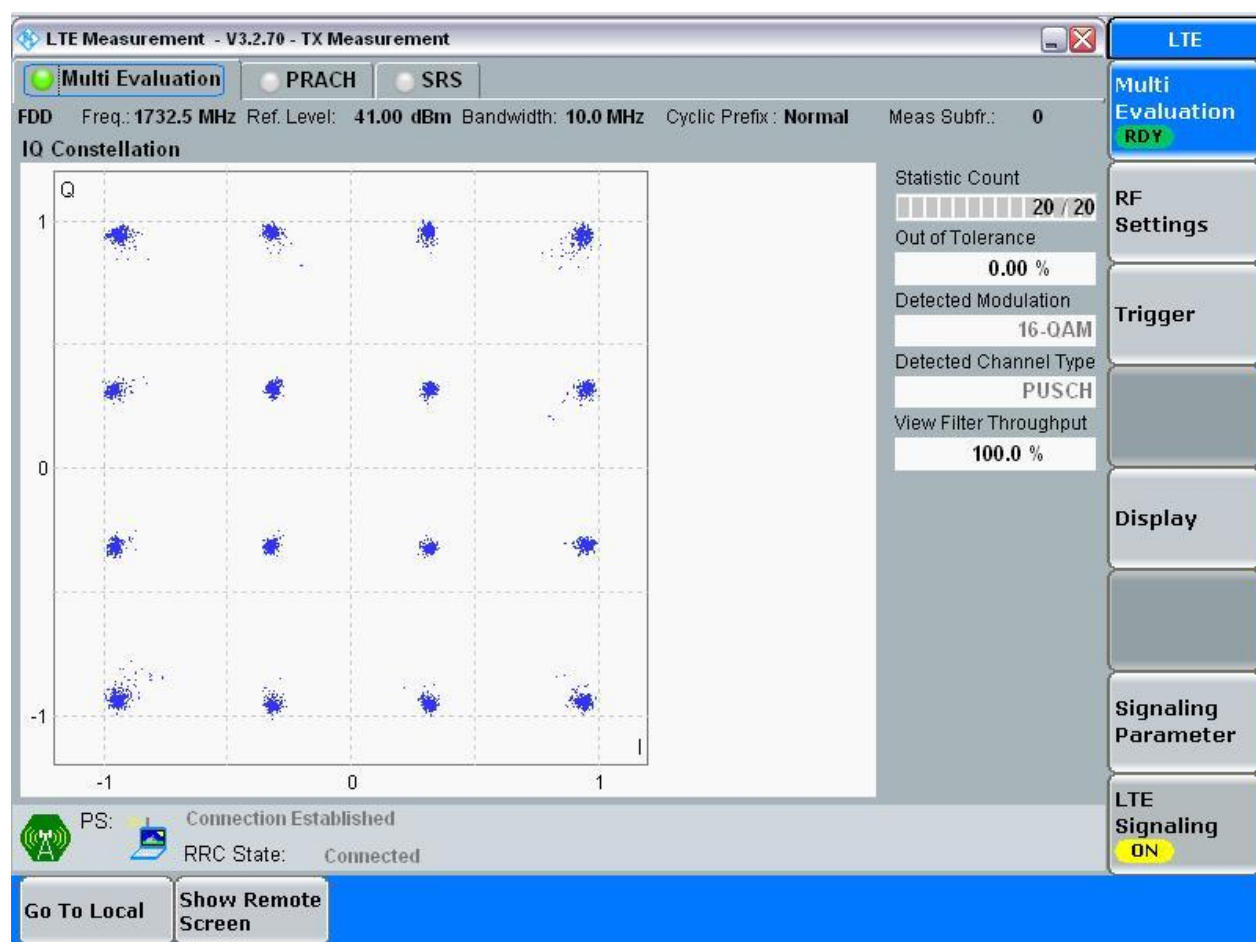
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

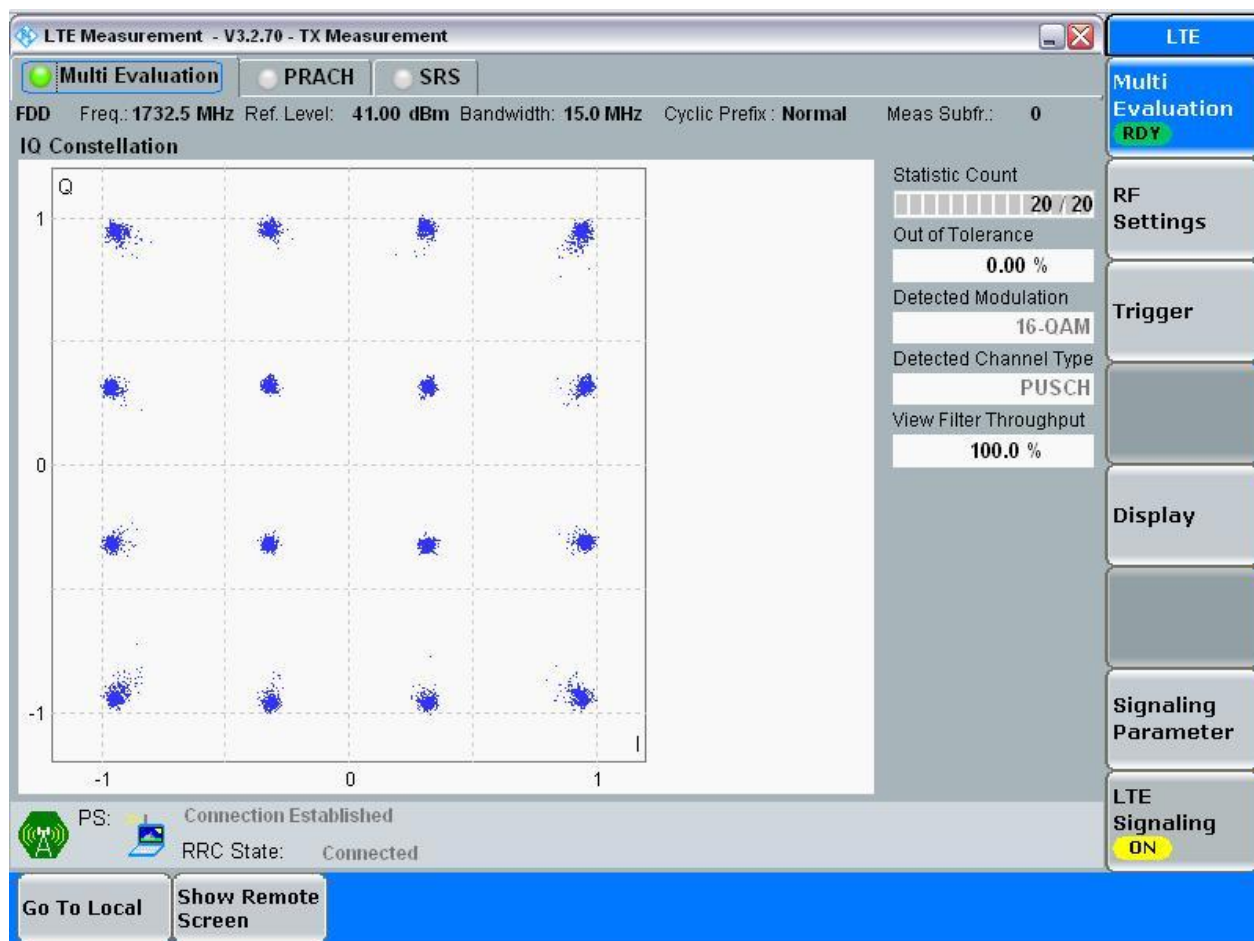
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

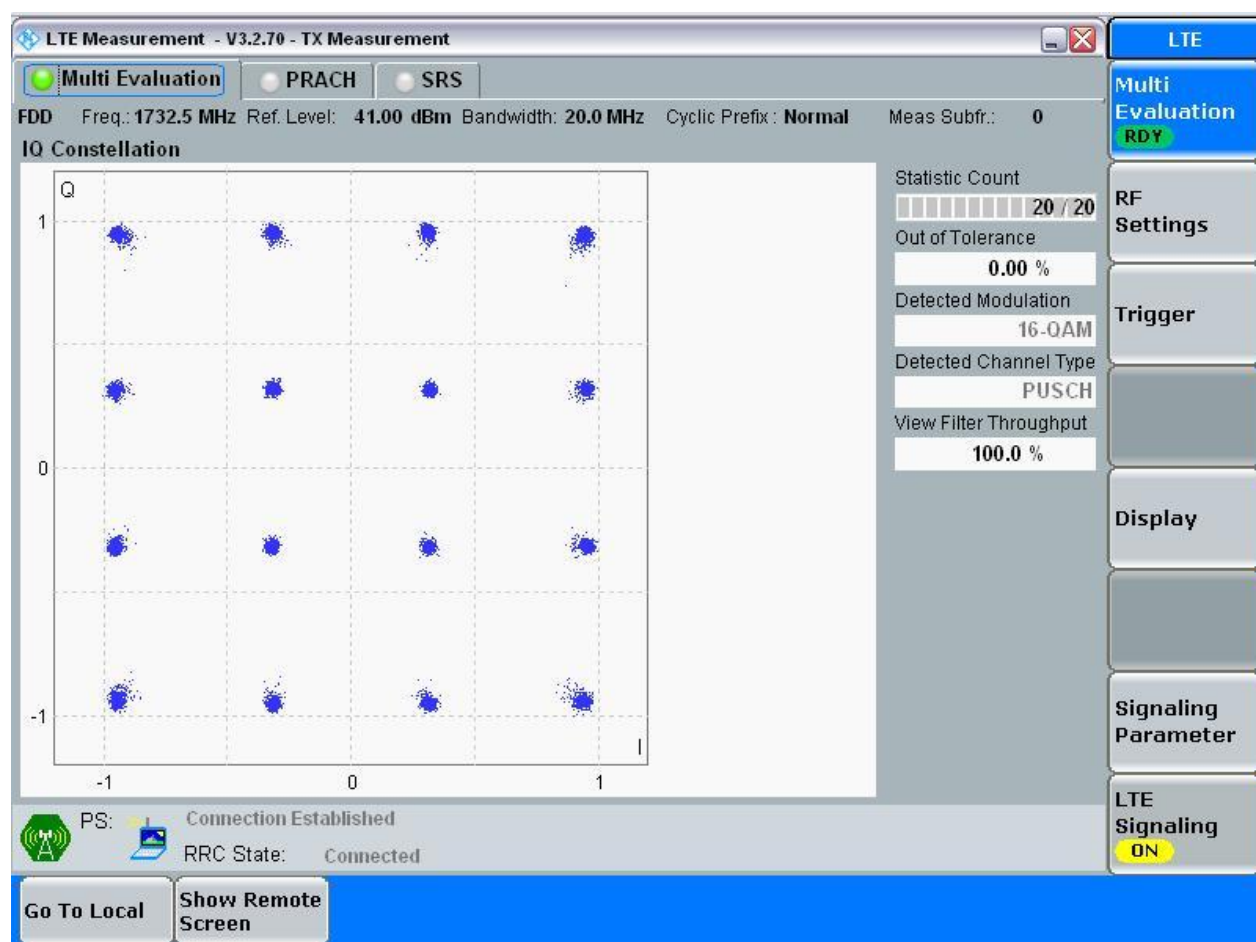
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.25	Pass
			MCH	RB6#0	1.09	1.25	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.72	3.01	Pass
		5	LCH	RB25#0	4.54	4.99	Pass
			MCH	RB25#0	4.53	4.99	Pass
			HCH	RB25#0	4.50	4.98	Pass
		10	LCH	RB50#0	9.01	9.97	Pass
			MCH	RB50#0	8.99	9.94	Pass
			HCH	RB50#0	8.98	9.98	Pass
		15	LCH	RB75#0	13.50	15.15	Pass
			MCH	RB75#0	13.54	15.05	Pass
			HCH	RB75#0	13.50	15.34	Pass
		20	LCH	RB100#0	17.97	19.76	Pass
			MCH	RB100#0	18.00	19.85	Pass
			HCH	RB100#0	18.03	19.86	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.25	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.10	1.26	Pass
		3	LCH	RB15#0	2.72	3.01	Pass
			MCH	RB15#0	2.72	3.01	Pass
			HCH	RB15#0	2.72	3.28	Pass
		5	LCH	RB25#0	4.52	5.02	Pass
			MCH	RB25#0	4.51	5.00	Pass
			HCH	RB25#0	4.54	5.03	Pass
		10	LCH	RB50#0	9.01	10.39	Pass
			MCH	RB50#0	9.01	9.92	Pass
			HCH	RB50#0	9.01	10.02	Pass
		15	LCH	RB75#0	13.50	15.00	Pass
			MCH	RB75#0	13.52	14.94	Pass
			HCH	RB75#0	13.54	15.12	Pass
		20	LCH	RB100#0	17.94	19.78	Pass
			MCH	RB100#0	17.99	19.81	Pass
			HCH	RB100#0	18.04	19.97	Pass



Part II - Test Plots

4.1 For LTE

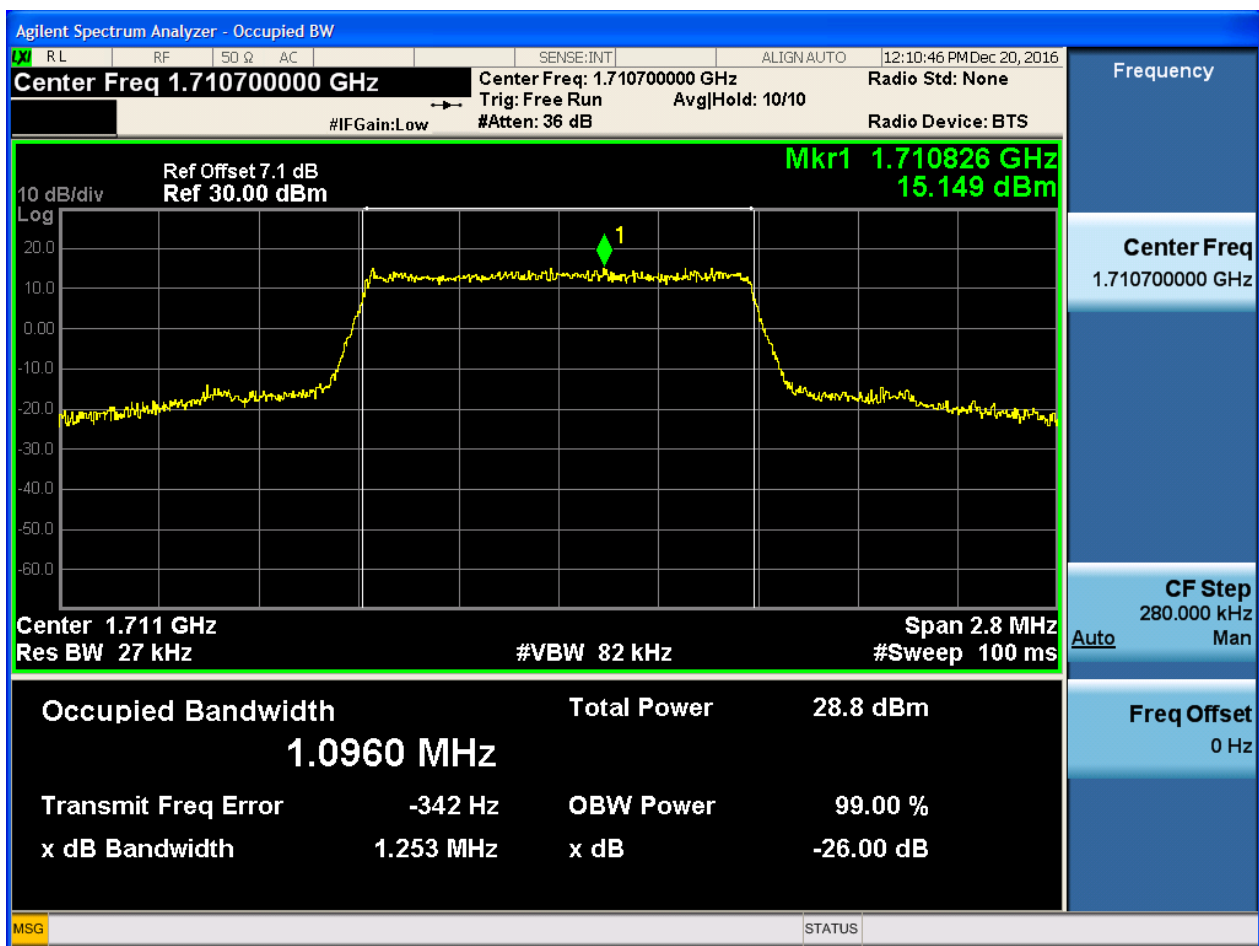
4.1.1 Test Band = BAND4

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

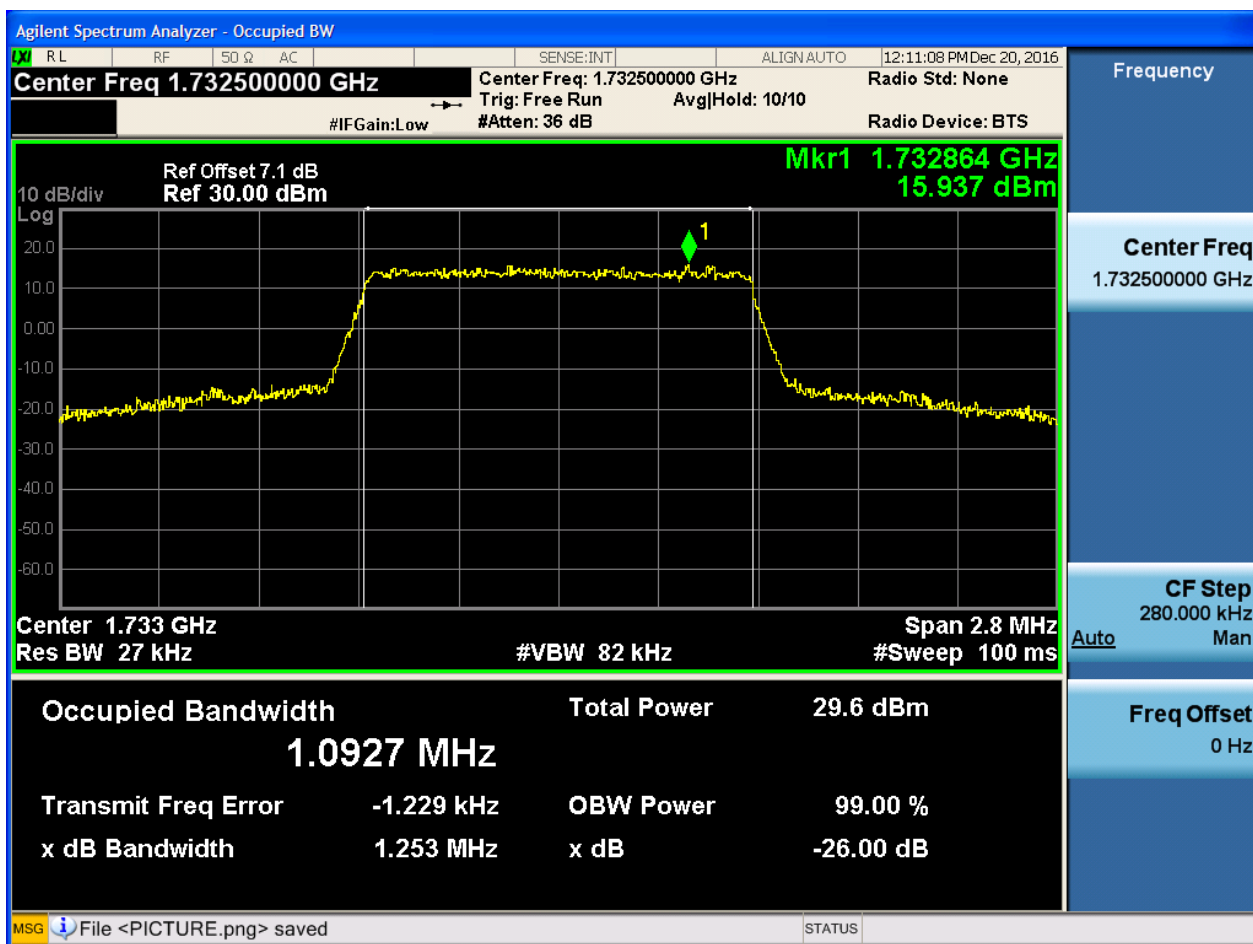
4.1.1.1.1.1.1 Test RB = RB6#0





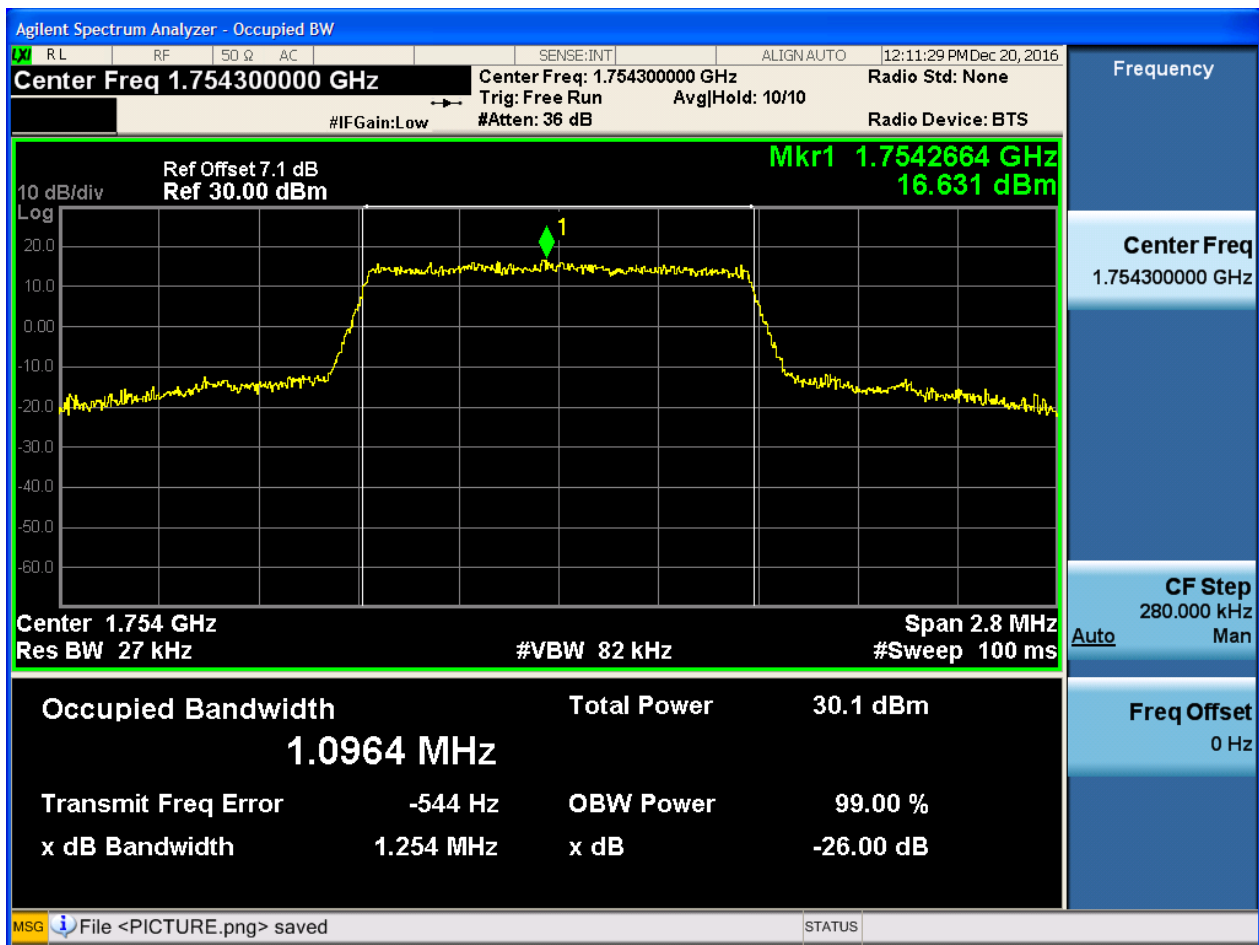
4.1.1.1.1.2 Test Channel = MCH

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

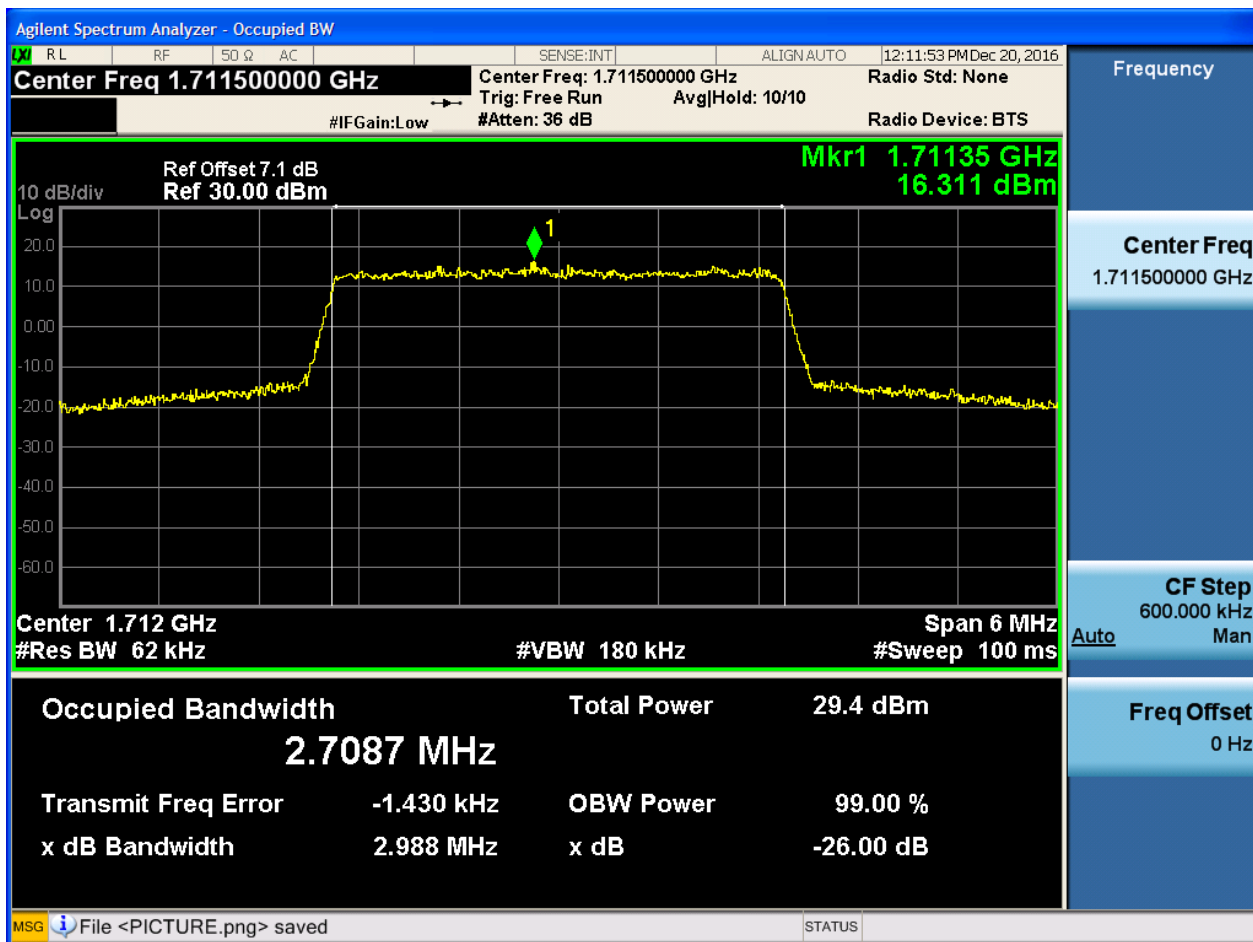




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

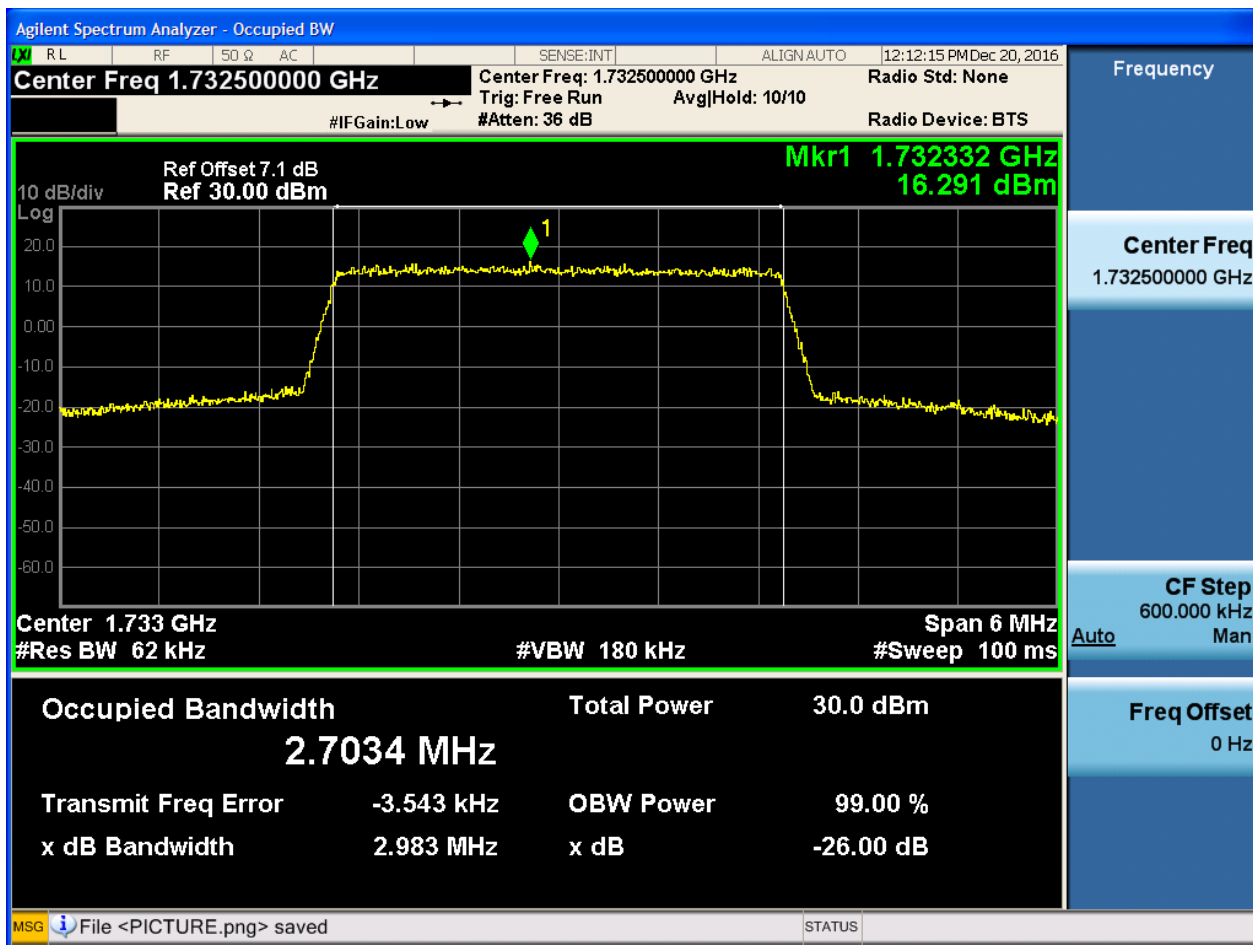
4.1.1.1.2.1.1 Test RB = RB15#0





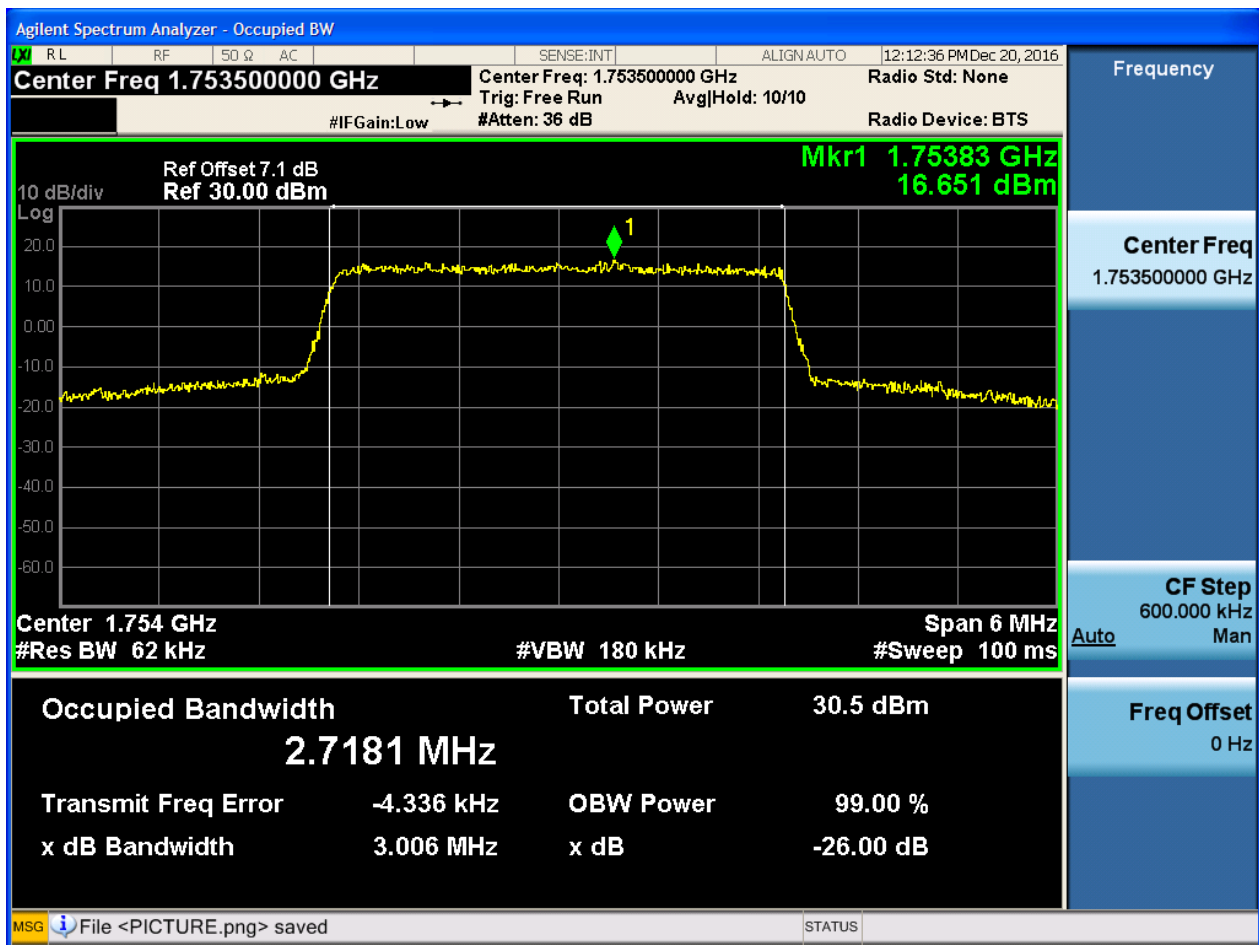
4.1.1.1.2.2 Test Channel = MCH

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

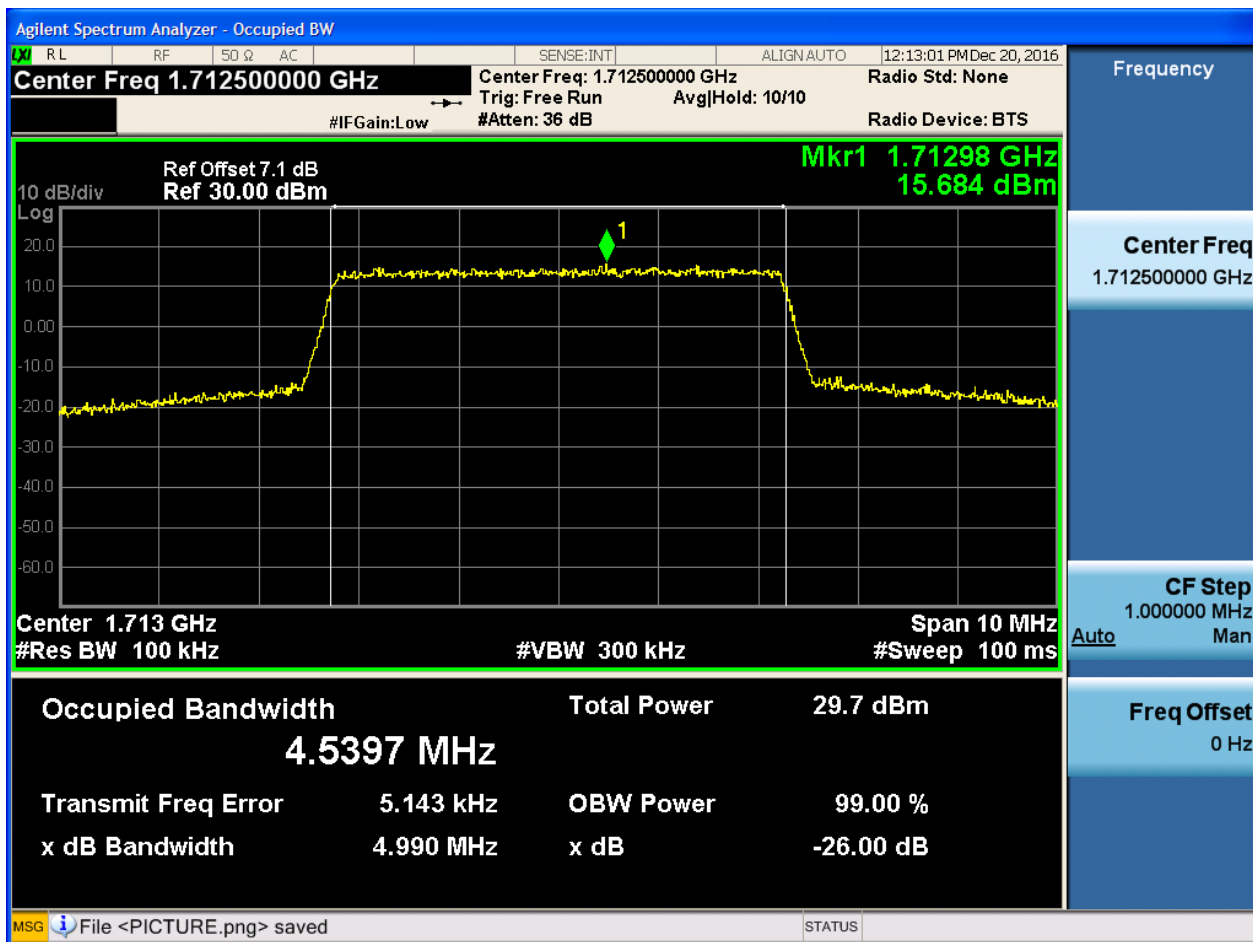




4.1.1.1.3 Test Bandwidth = 5

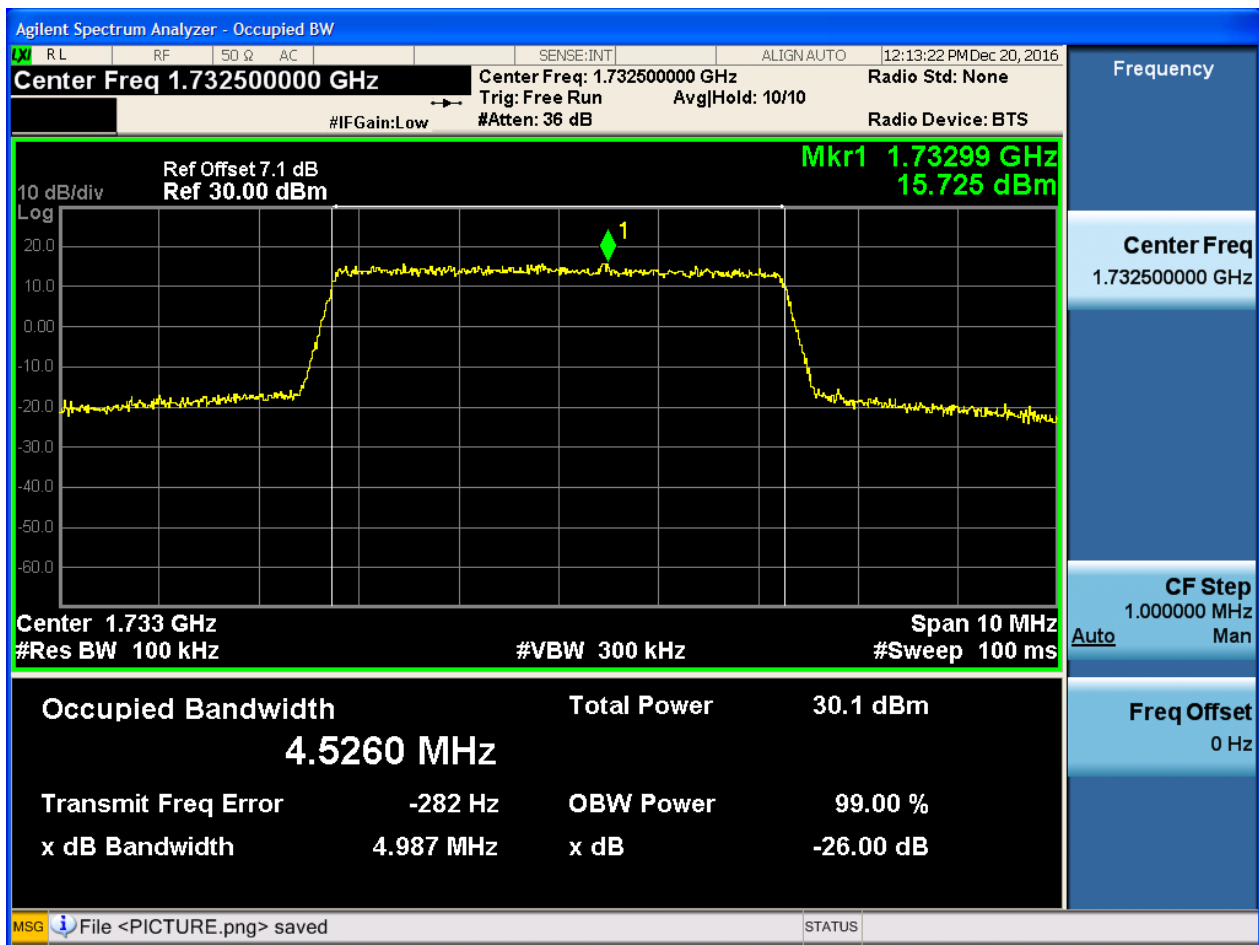
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



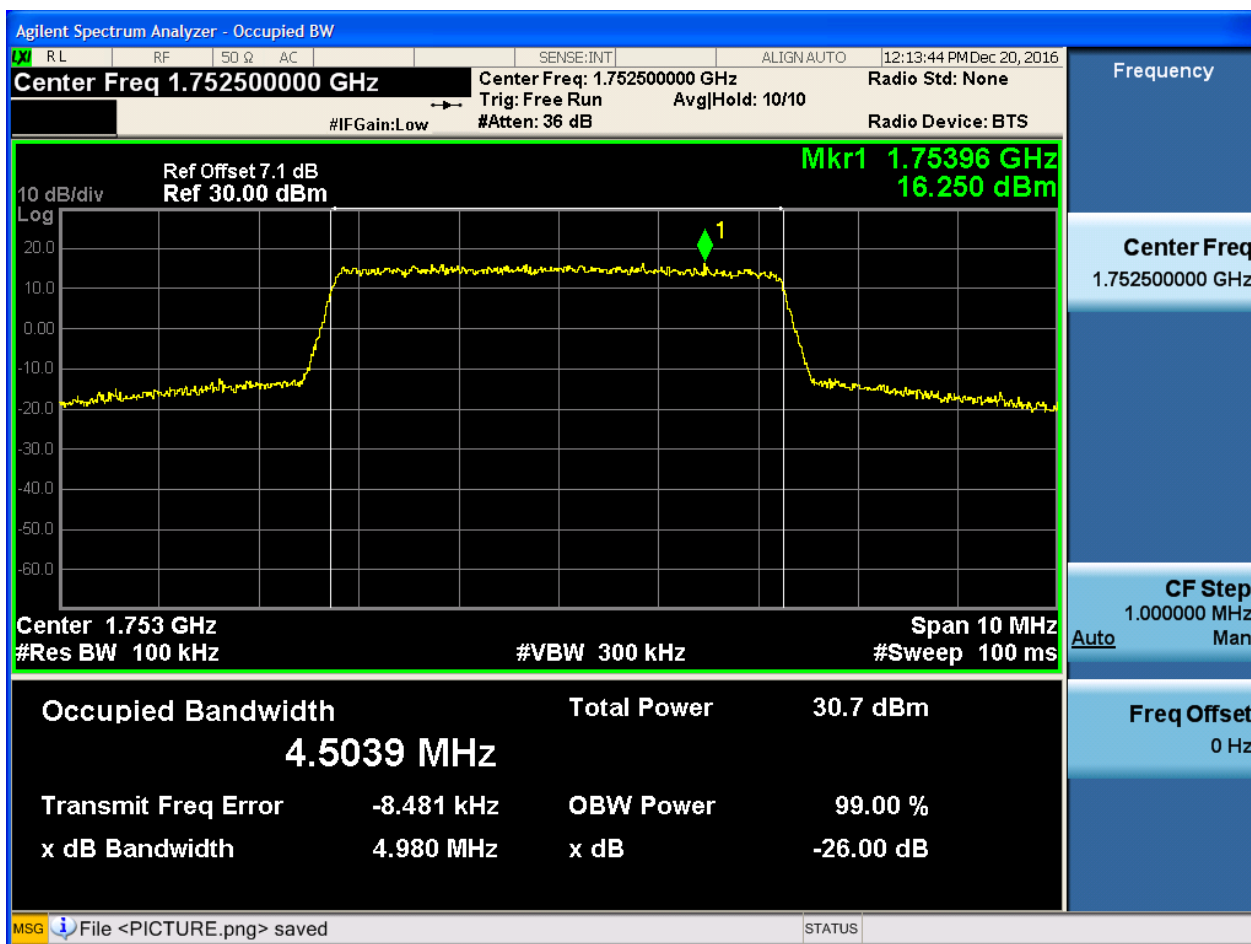
4.1.1.1.3.2 Test Channel = MCH

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

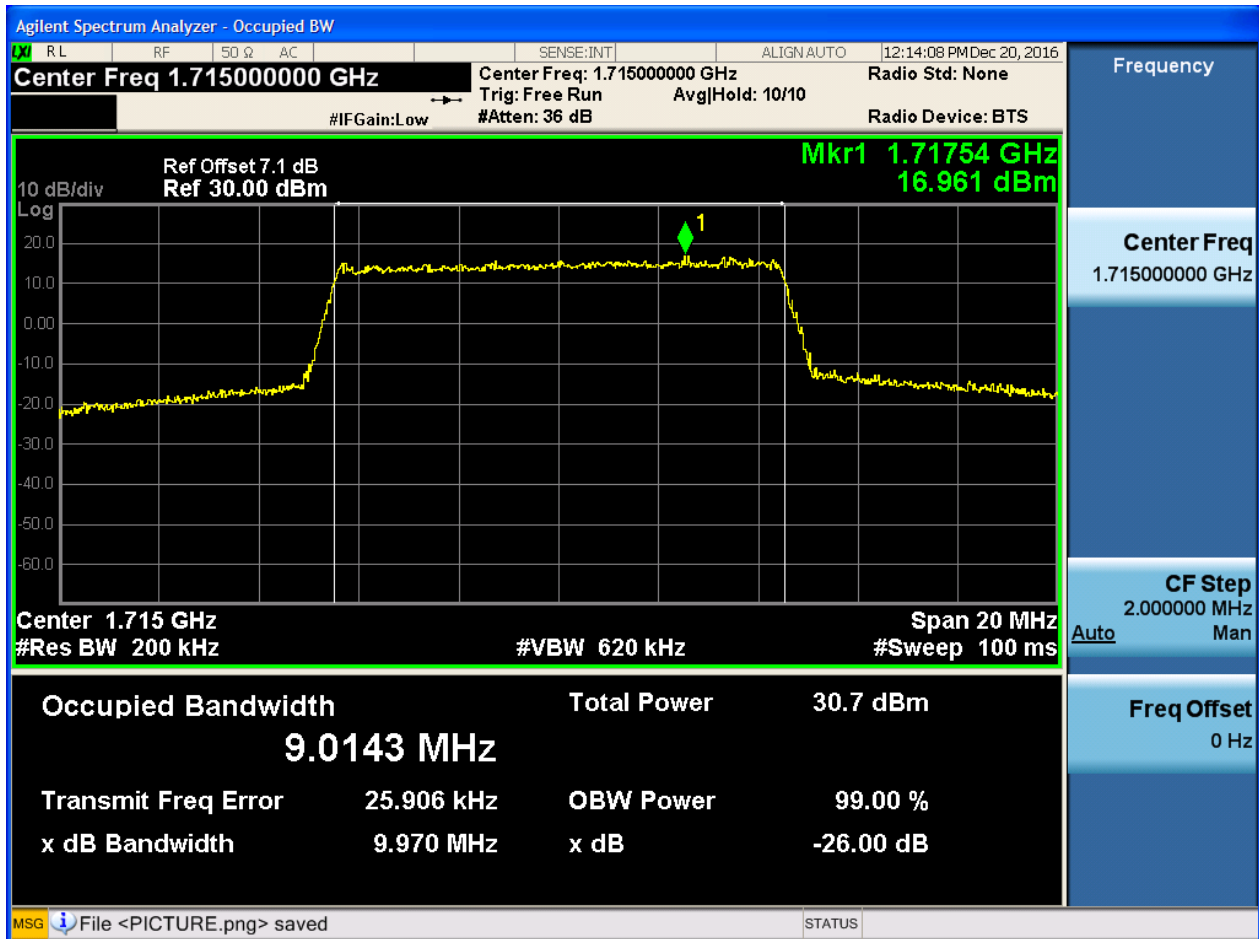




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

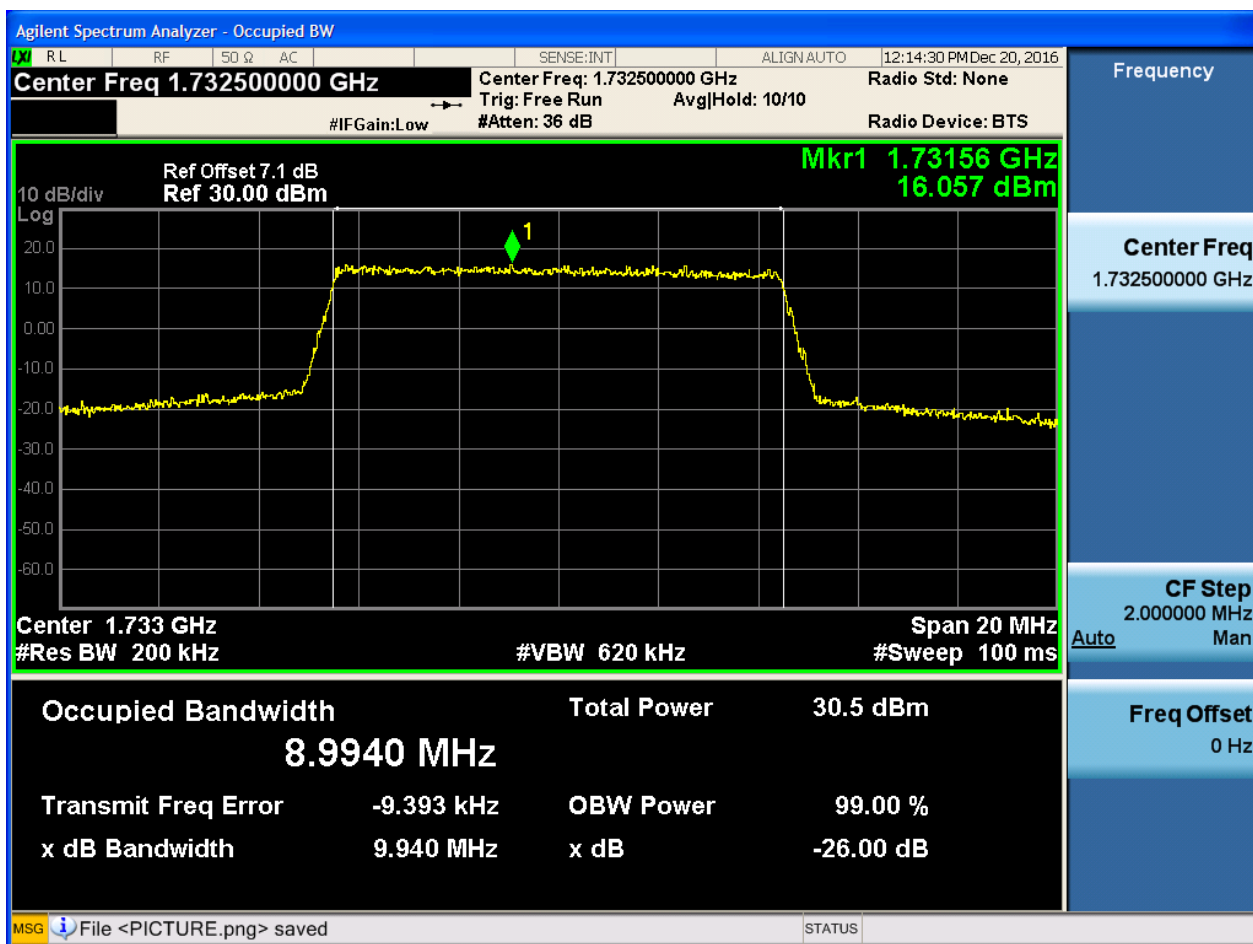
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

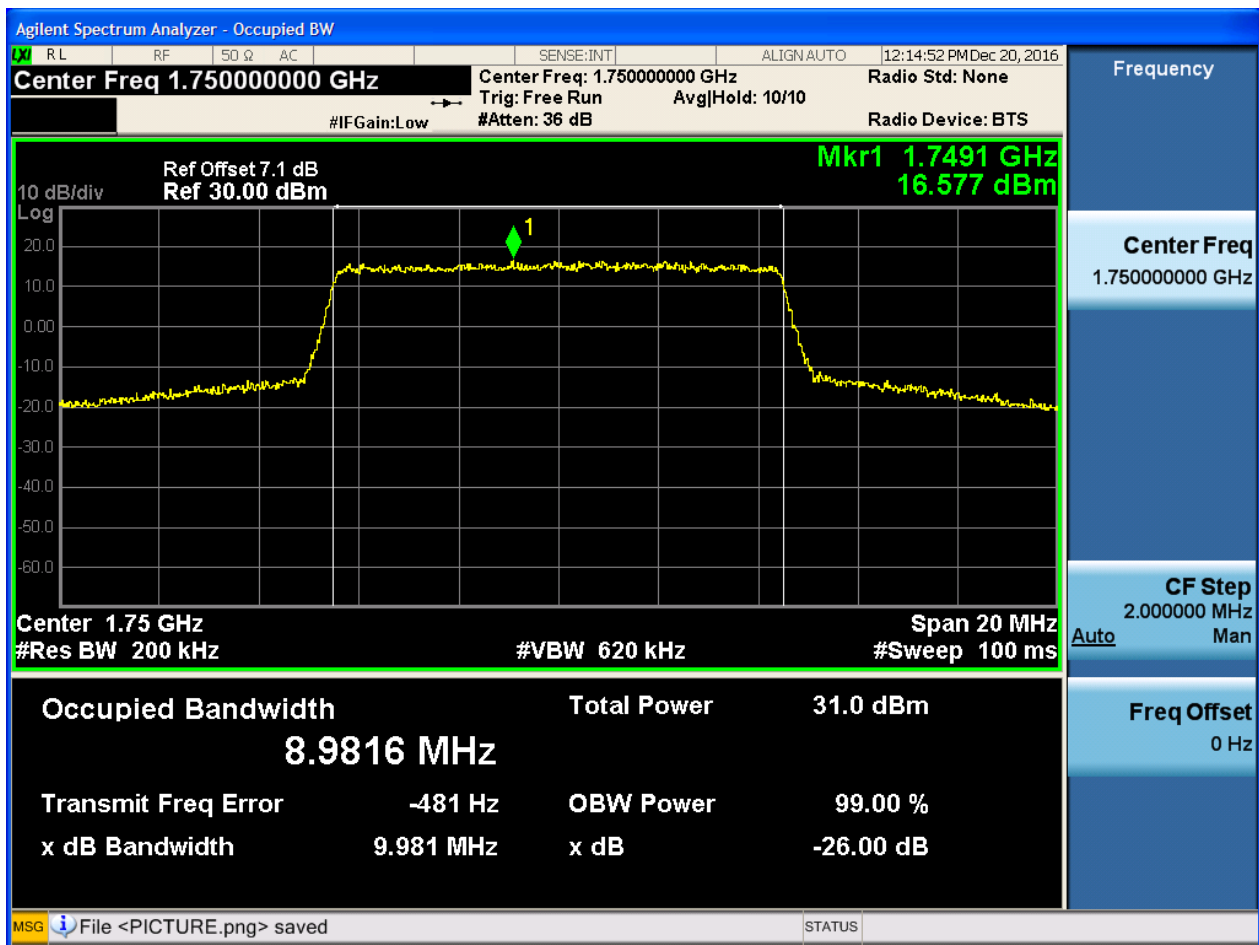
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

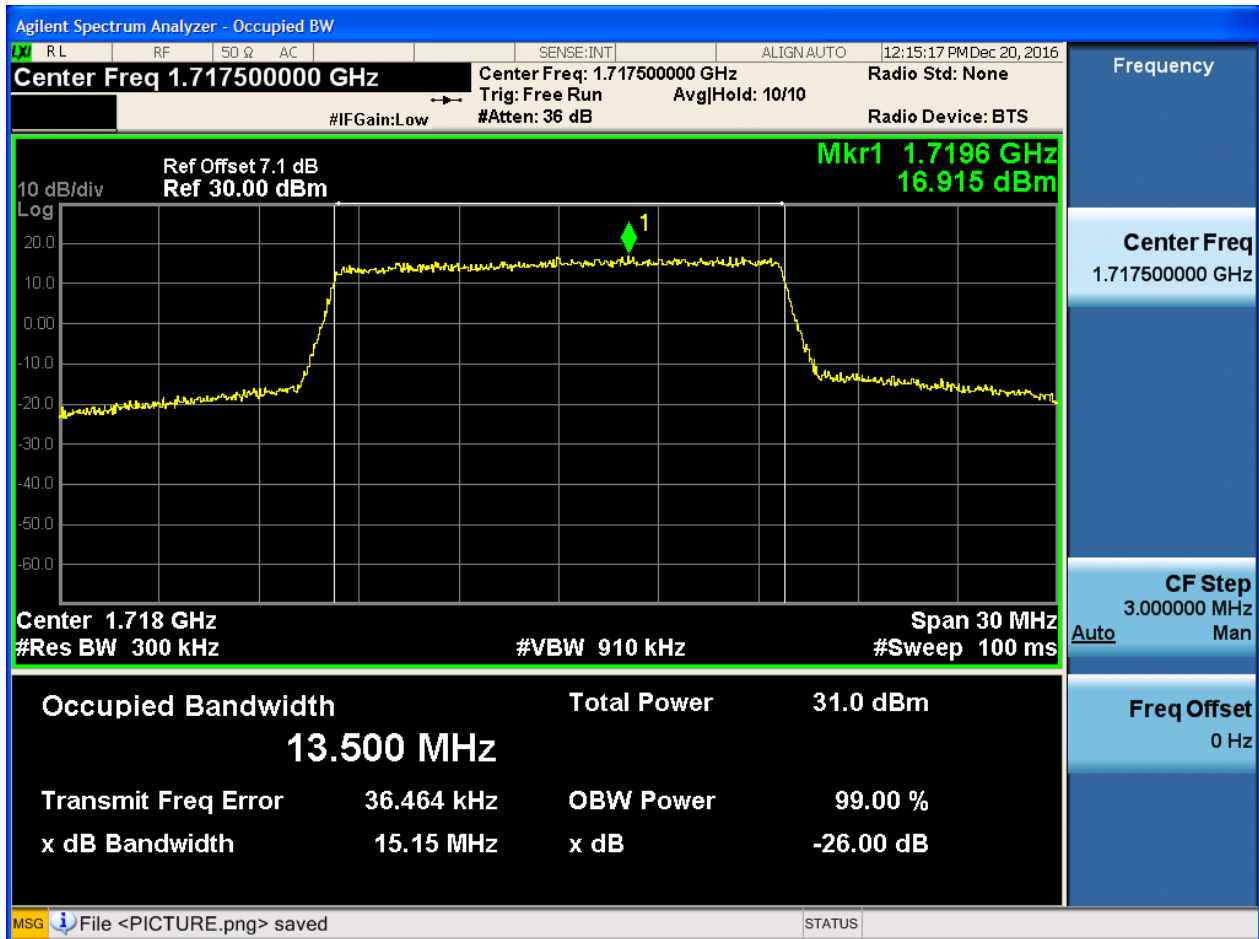




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

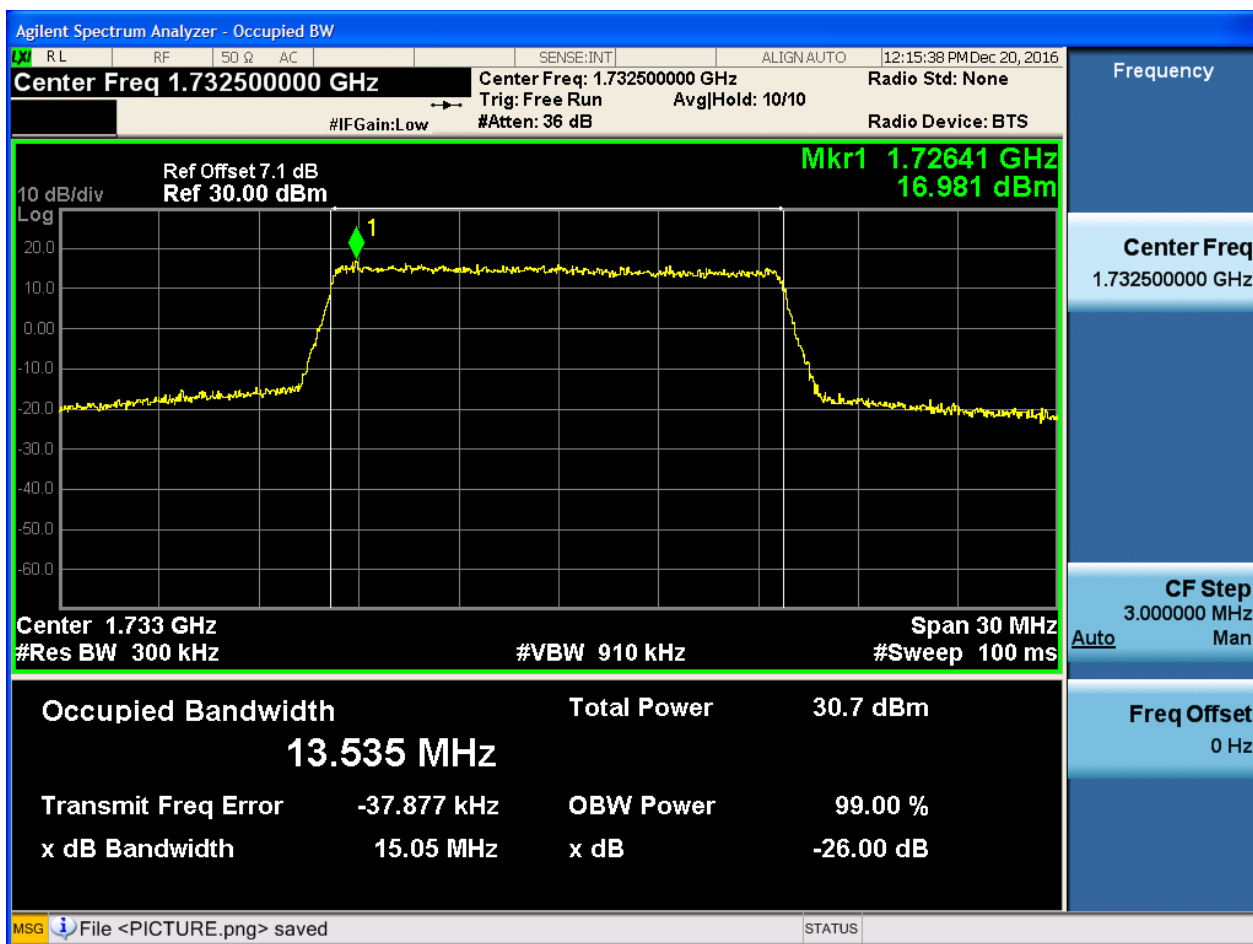
4.1.1.1.5.1.1 Test RB = RB75#0





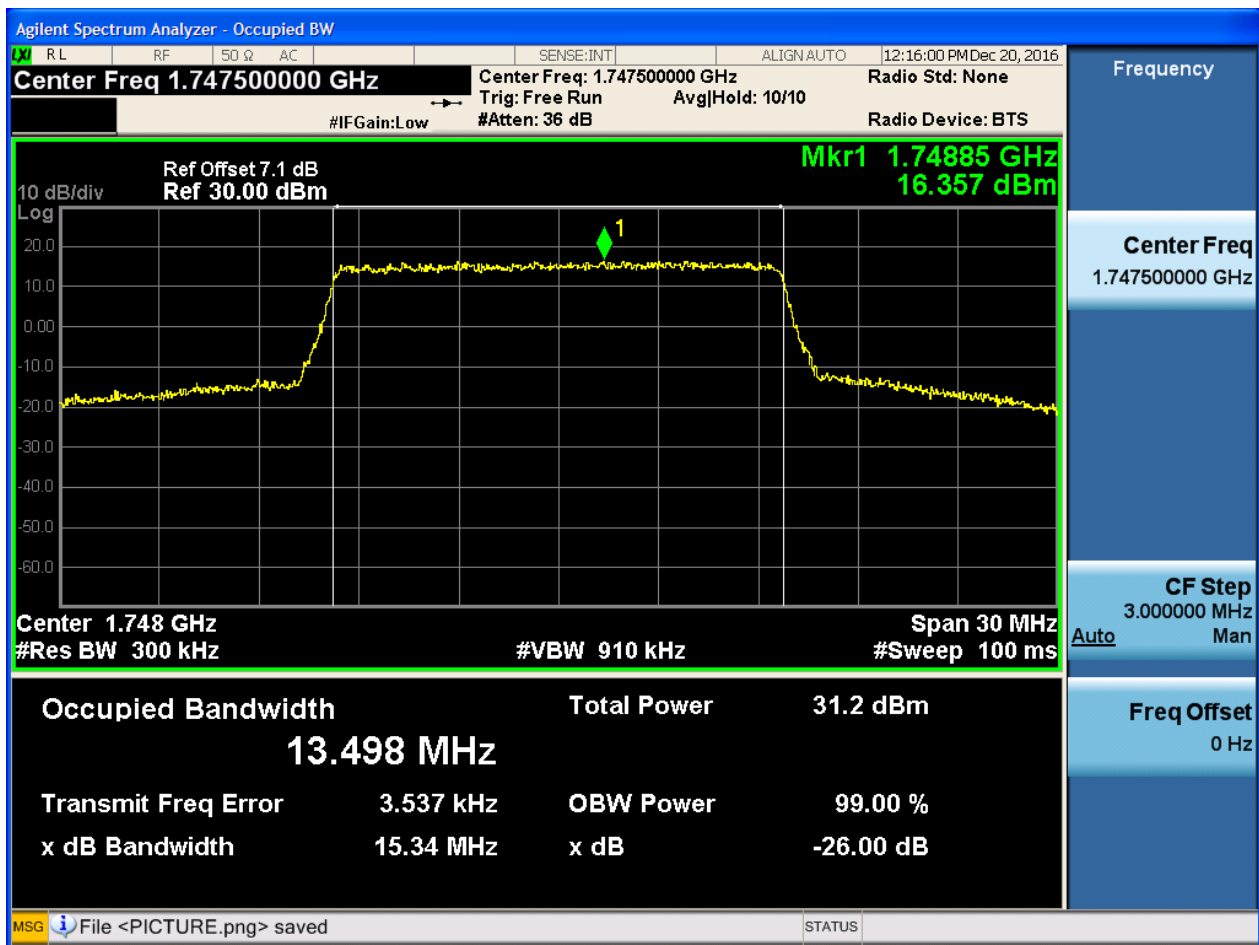
4.1.1.1.5.2 Test Channel = MCH

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

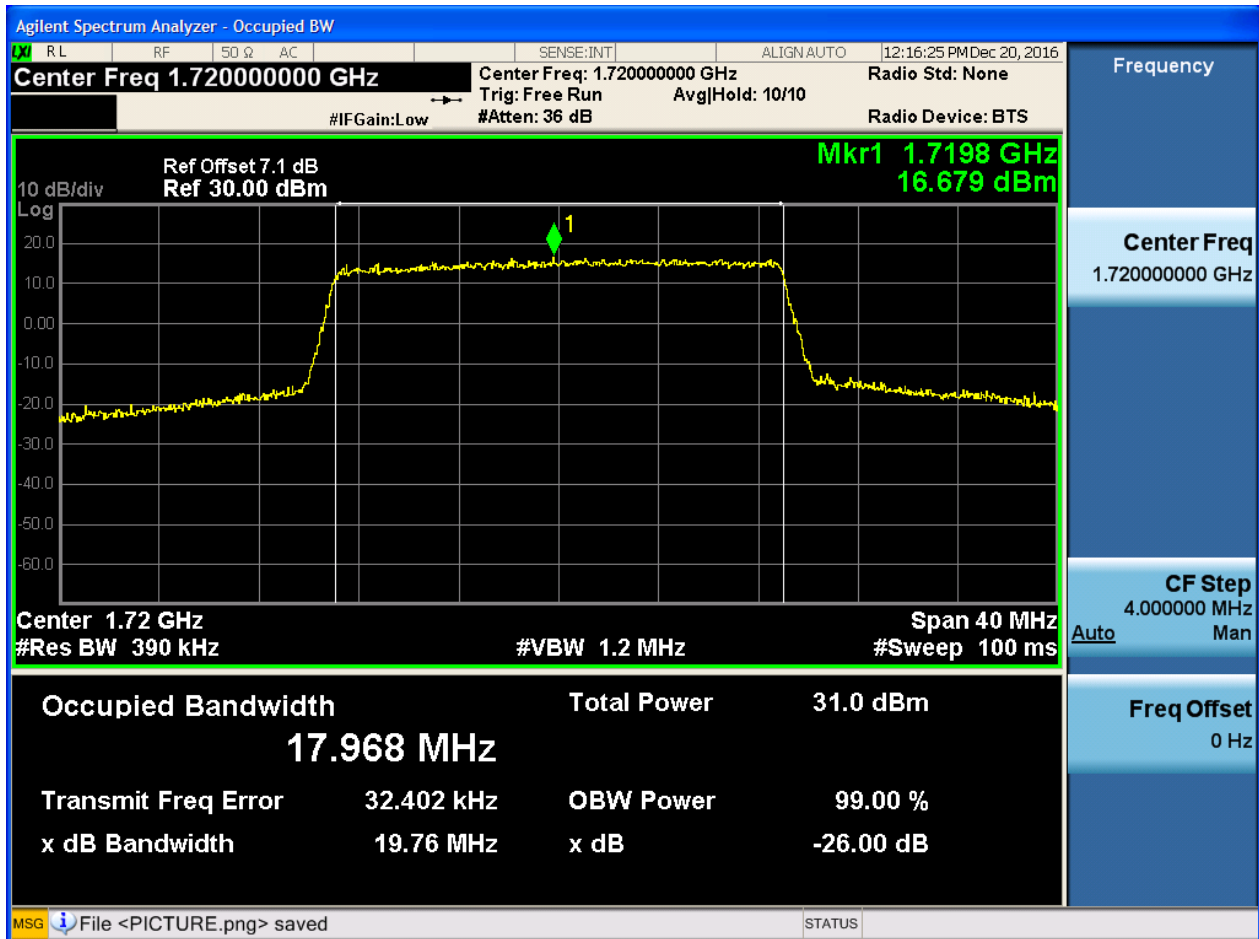




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

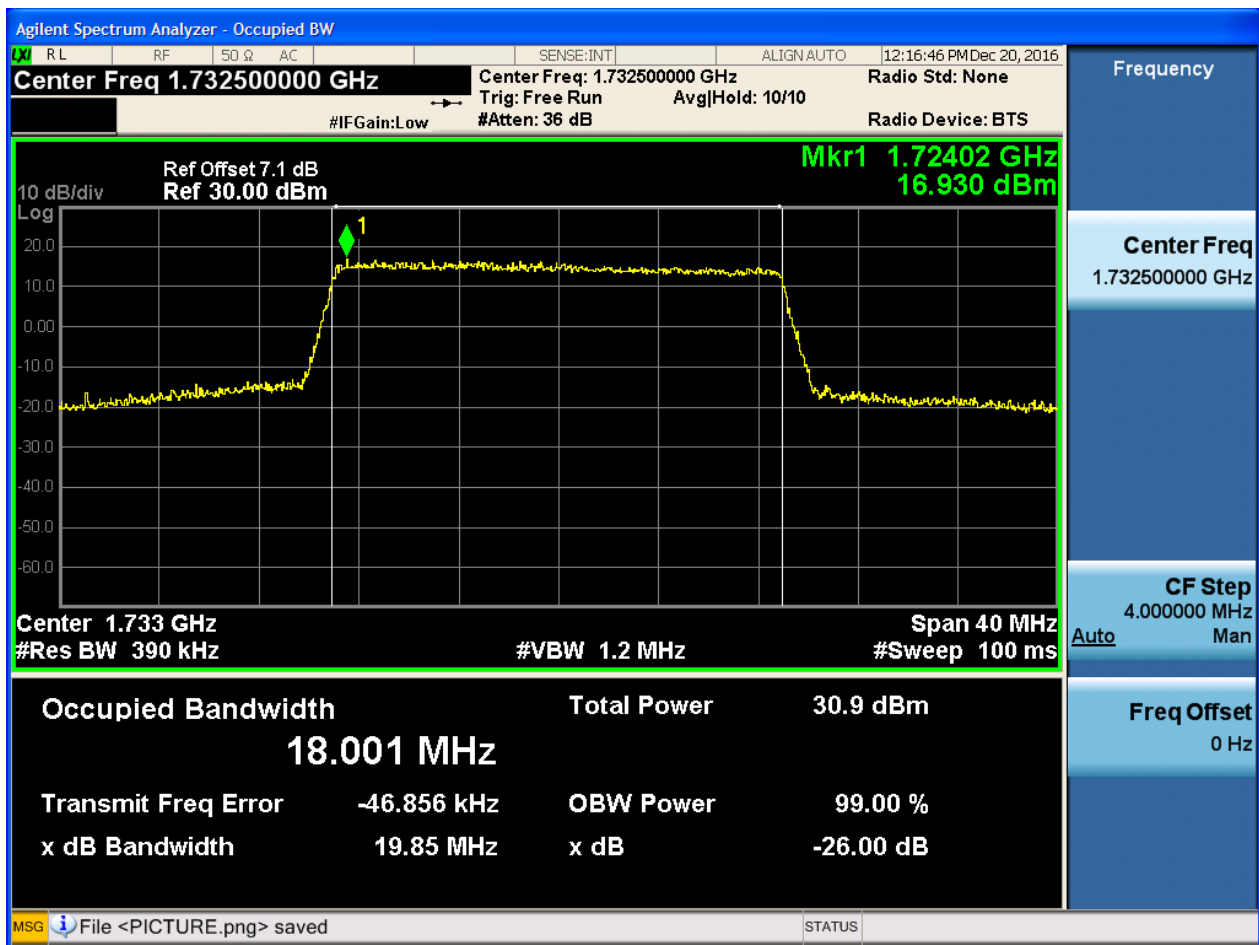
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

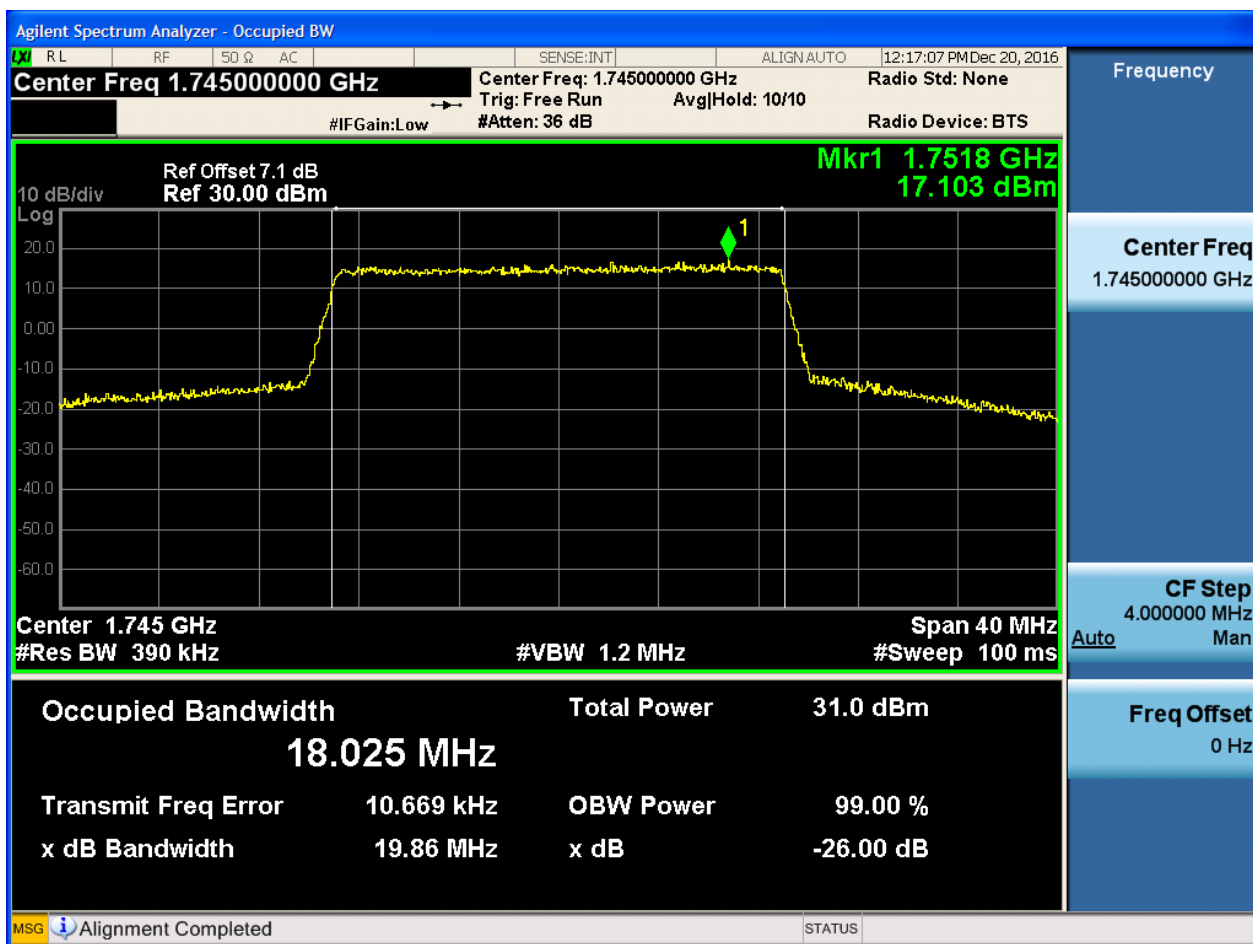
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



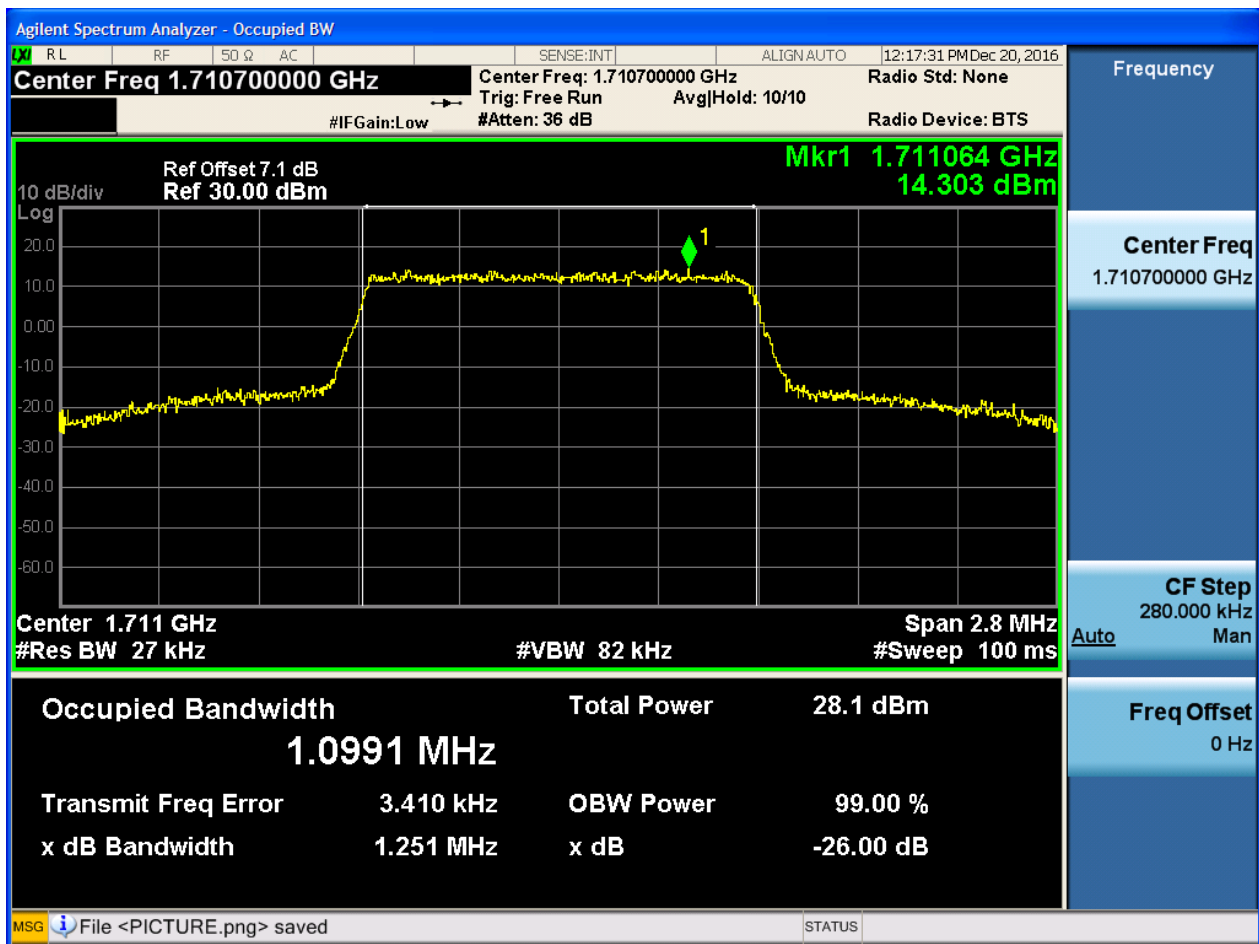


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

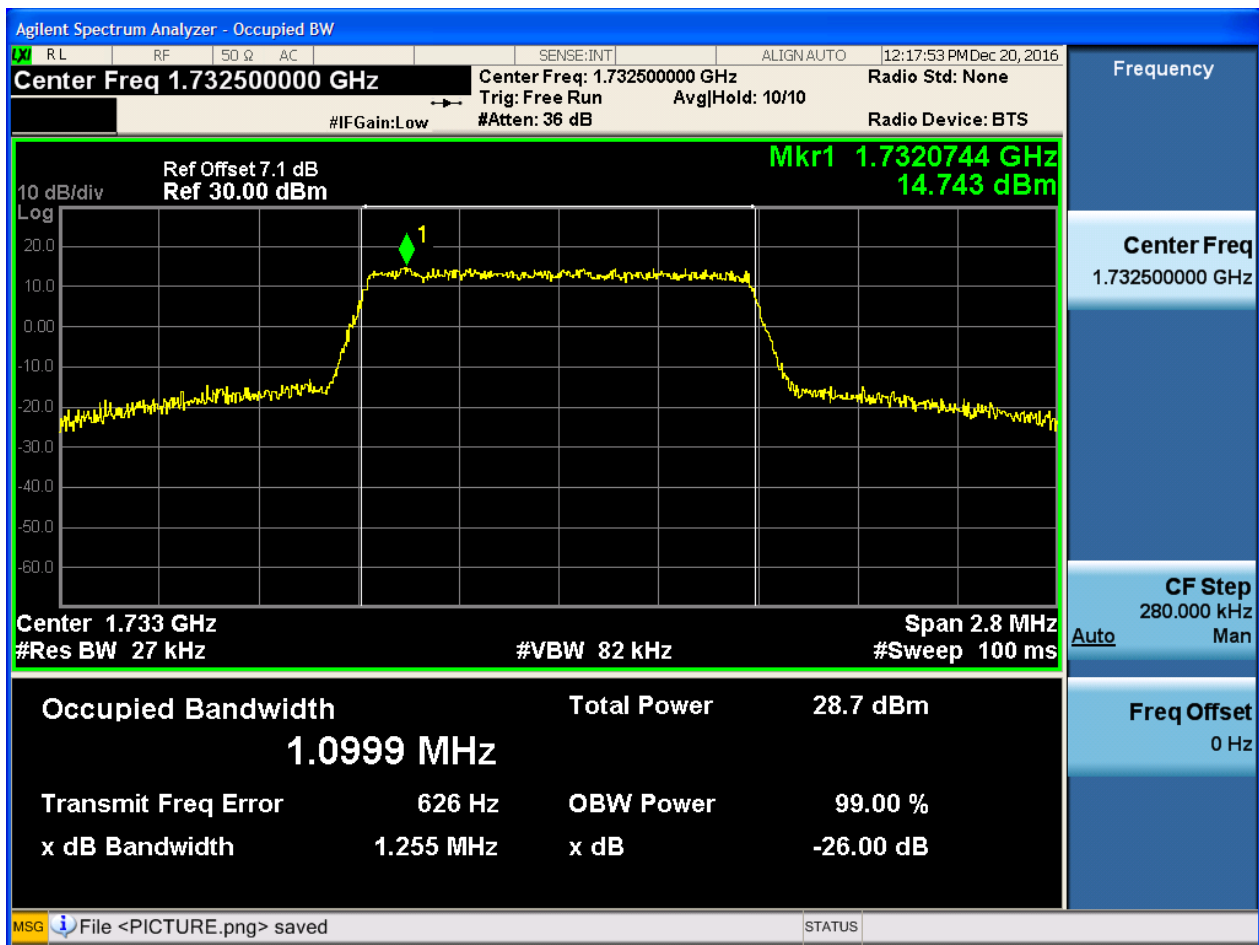
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



4.1.1.2.1.2 Test Channel = MCH

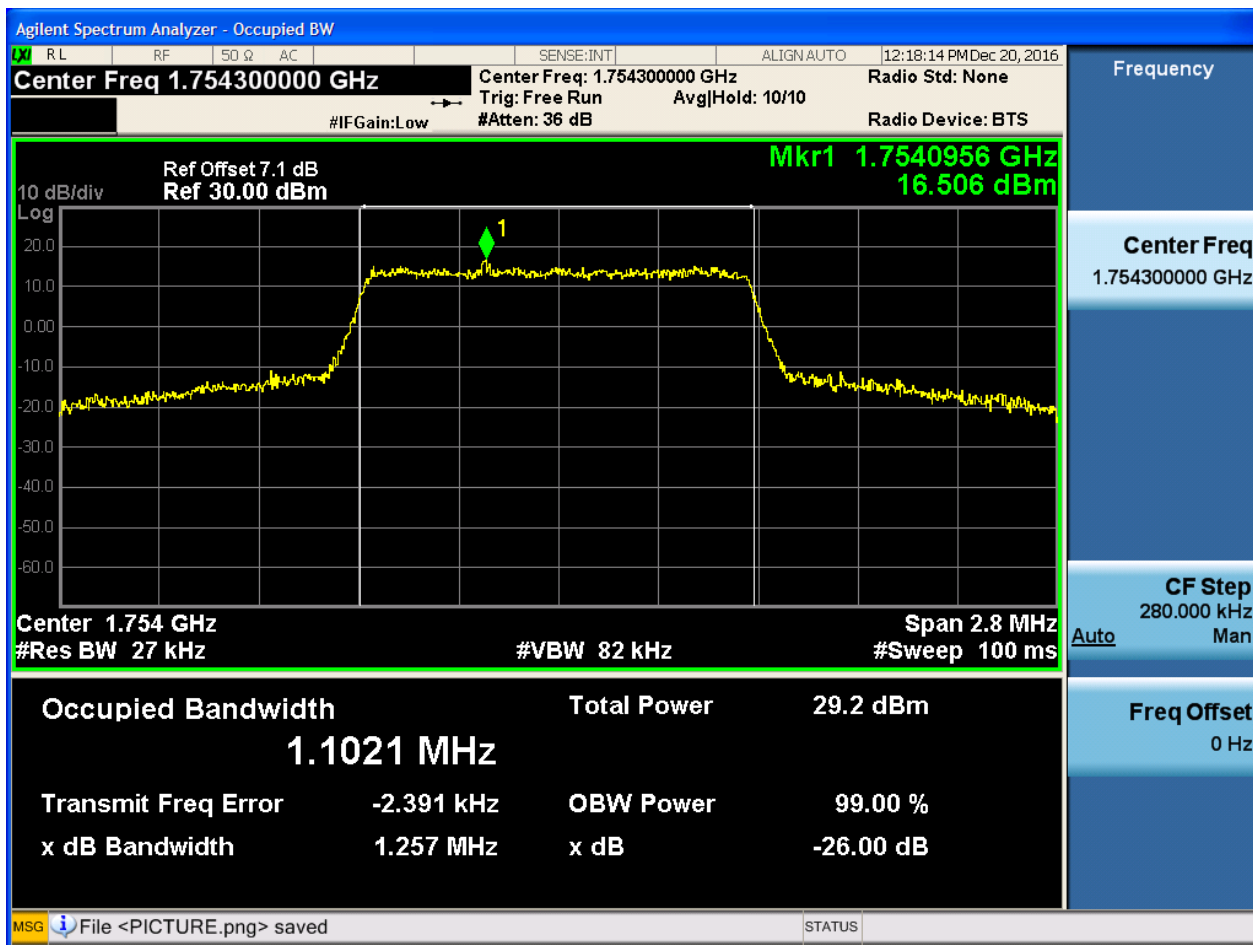
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

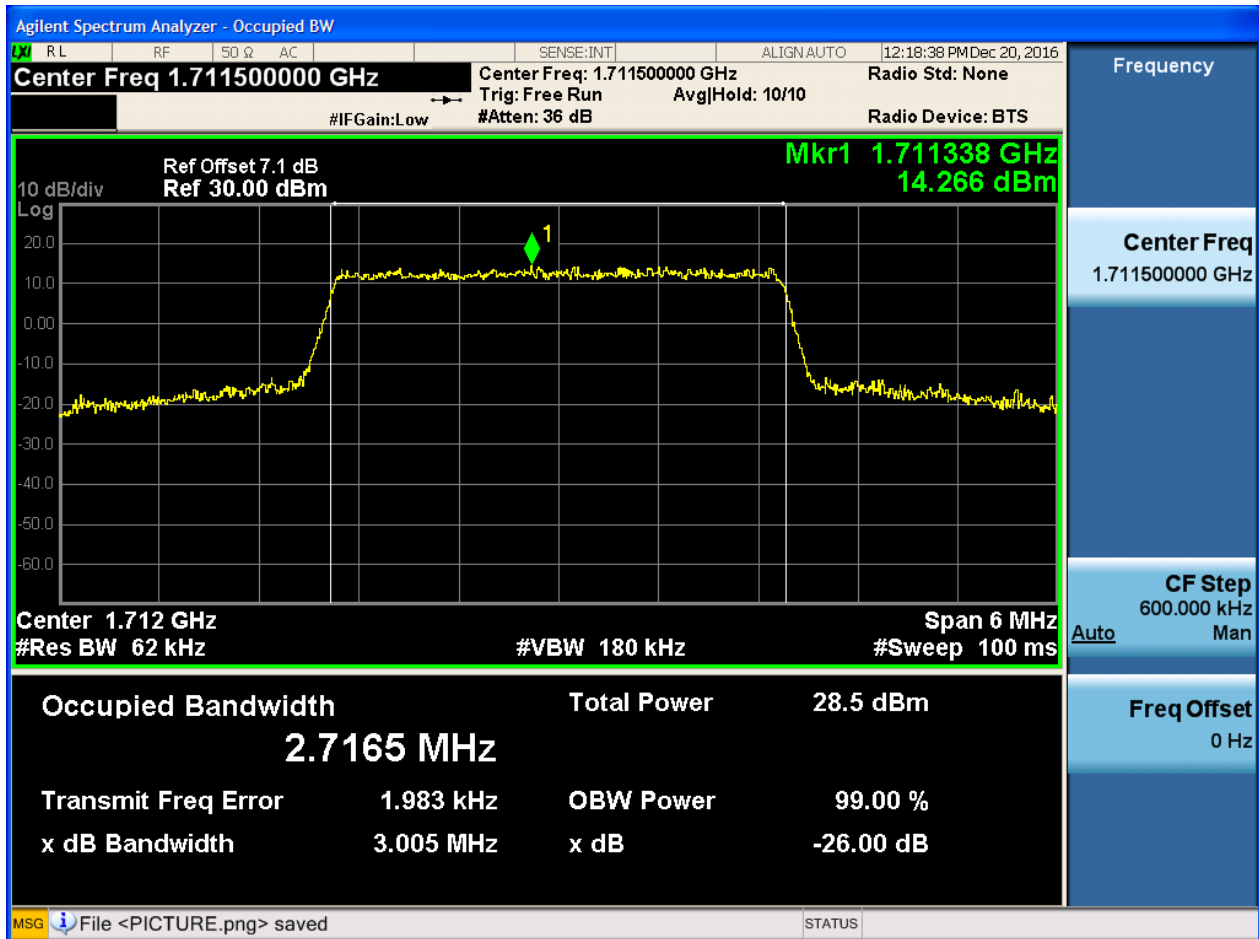




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

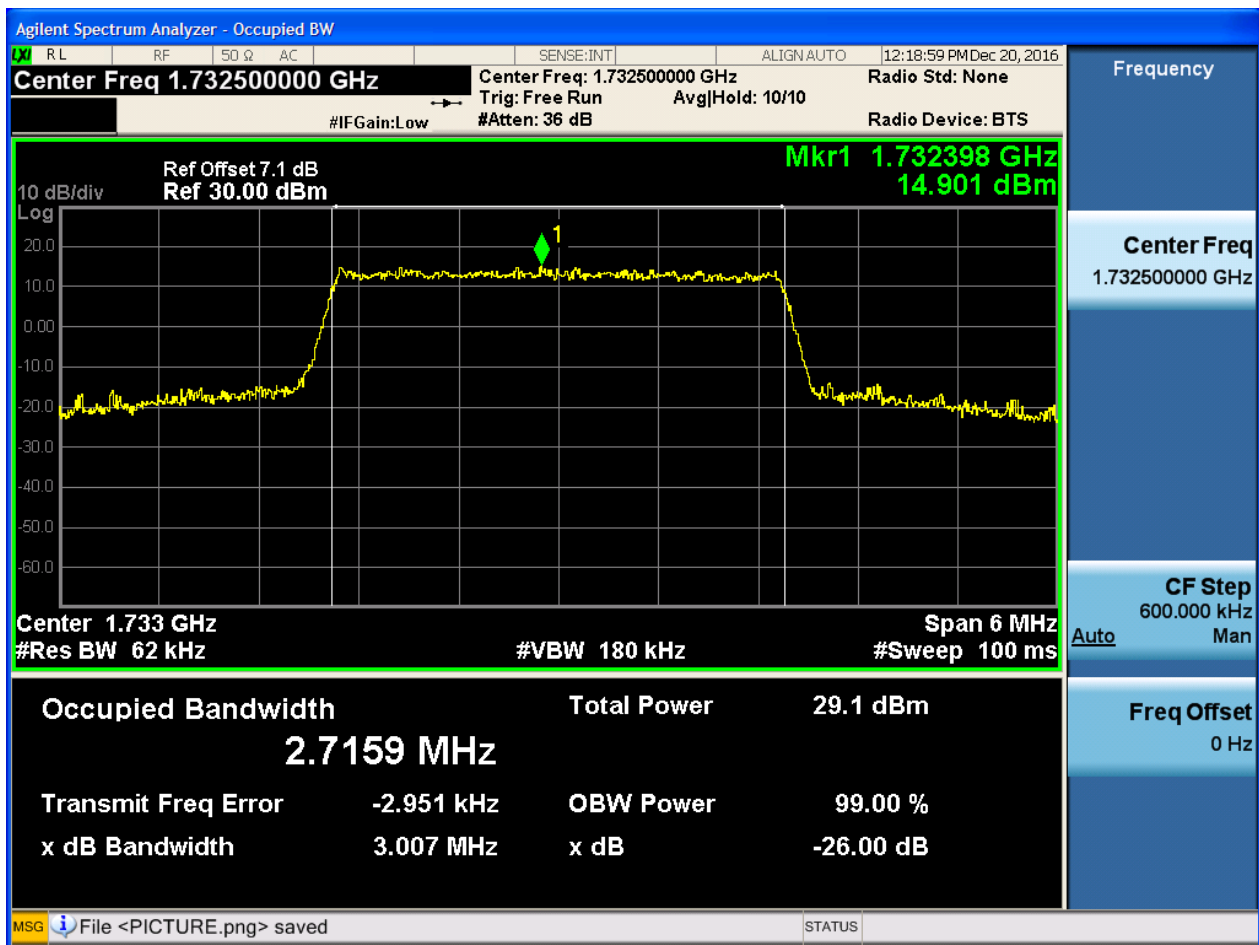
4.1.1.2.2.1.1 Test RB = RB15#0





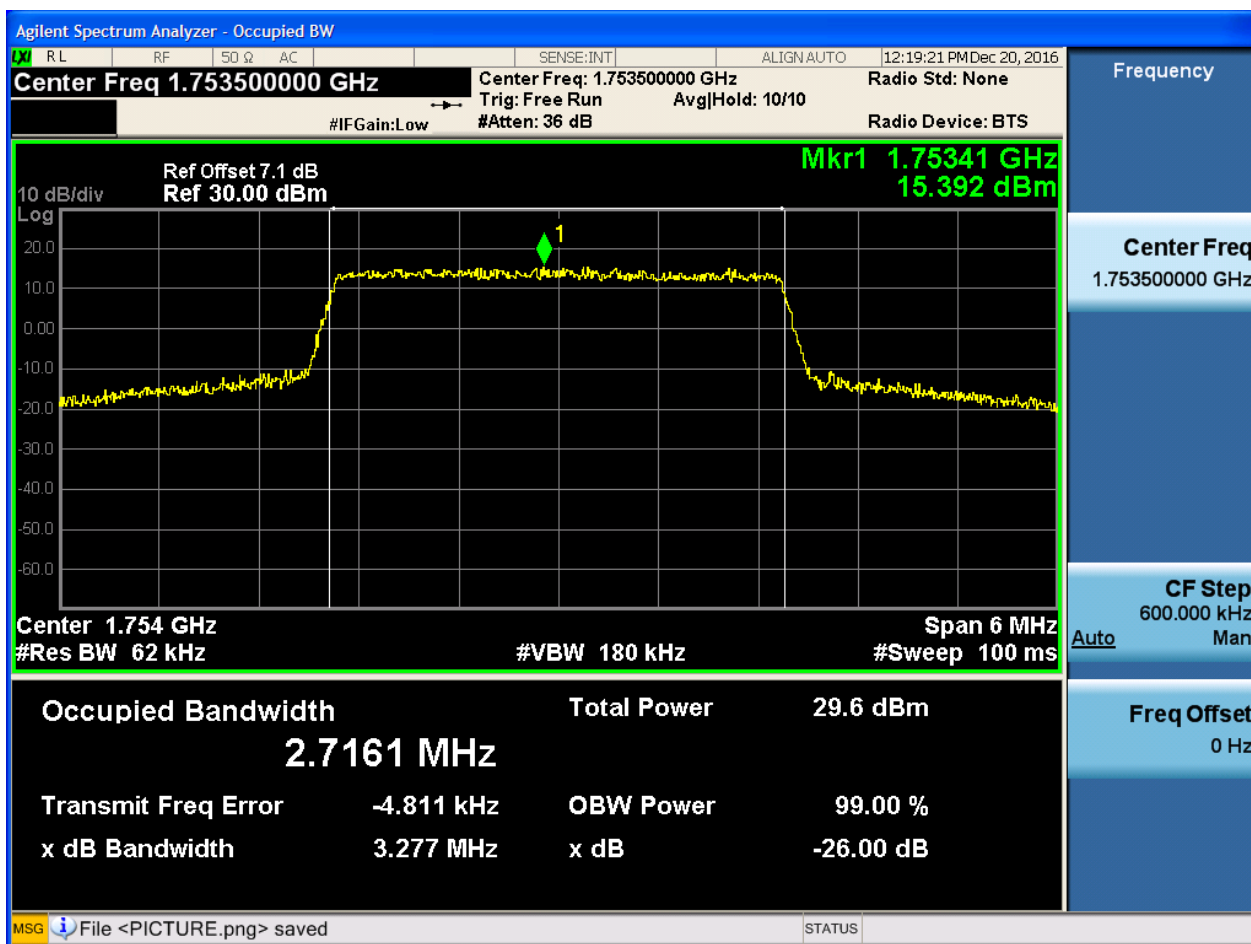
4.1.1.2.2.2 Test Channel = MCH

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

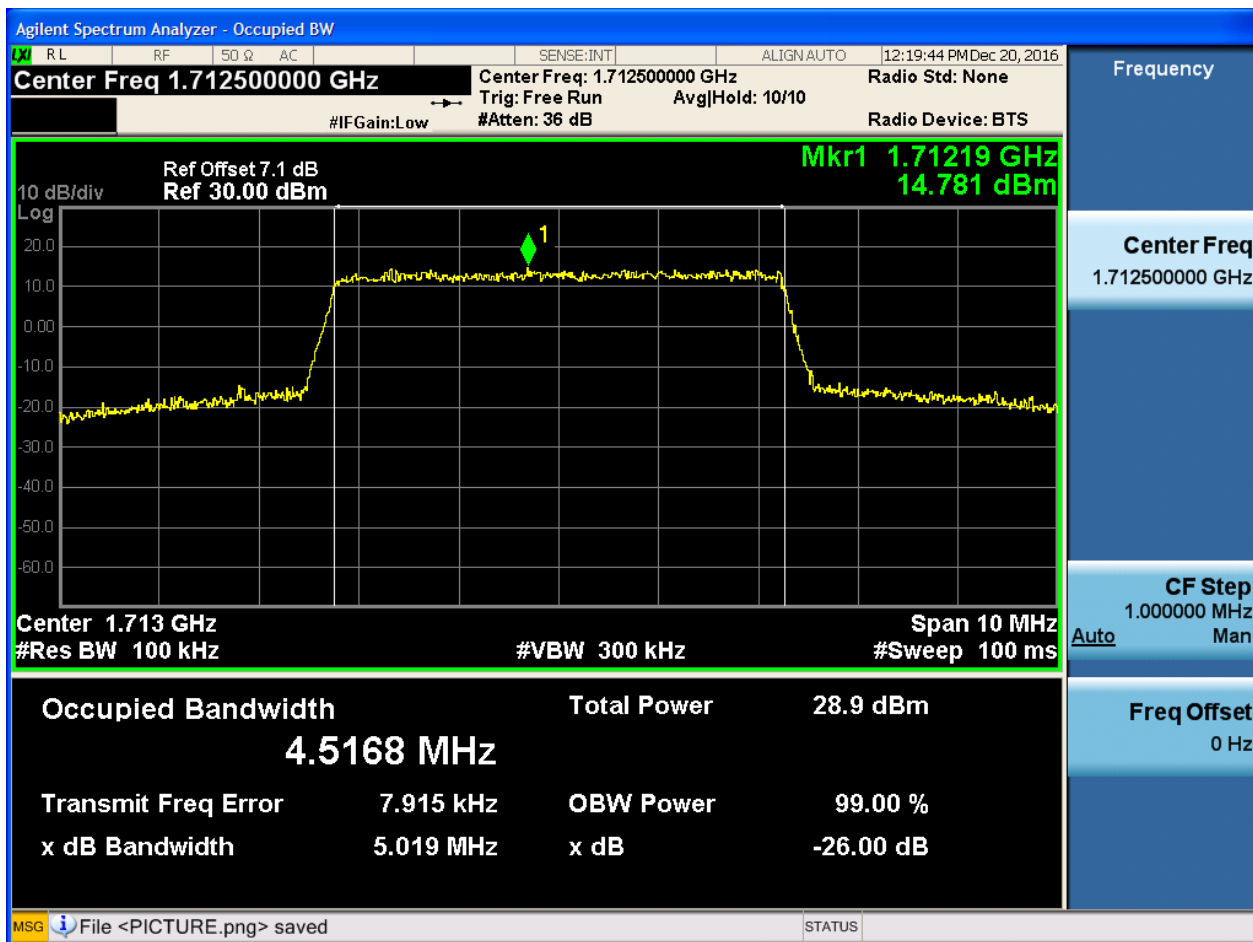




4.1.1.2.3 Test Bandwidth = 5

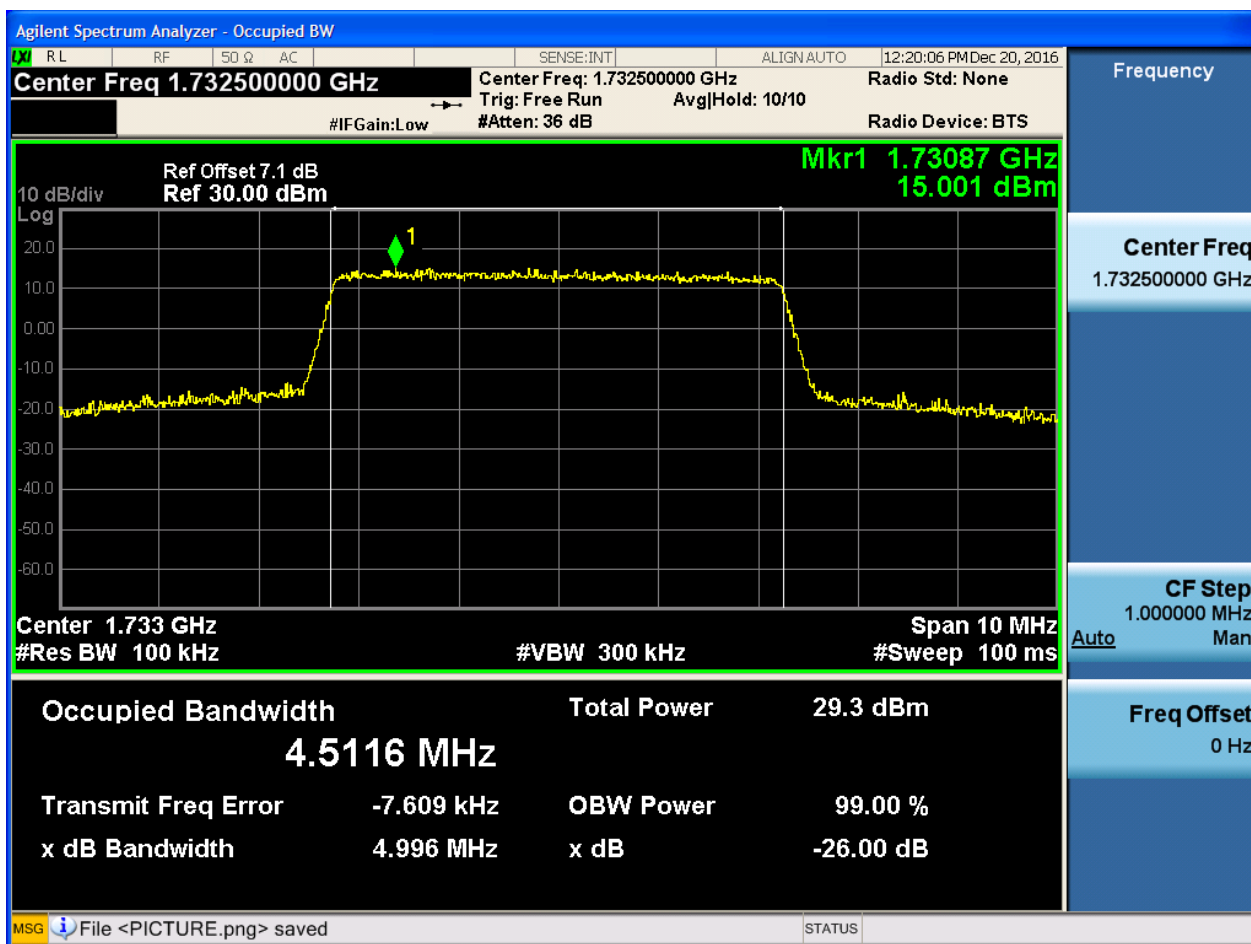
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

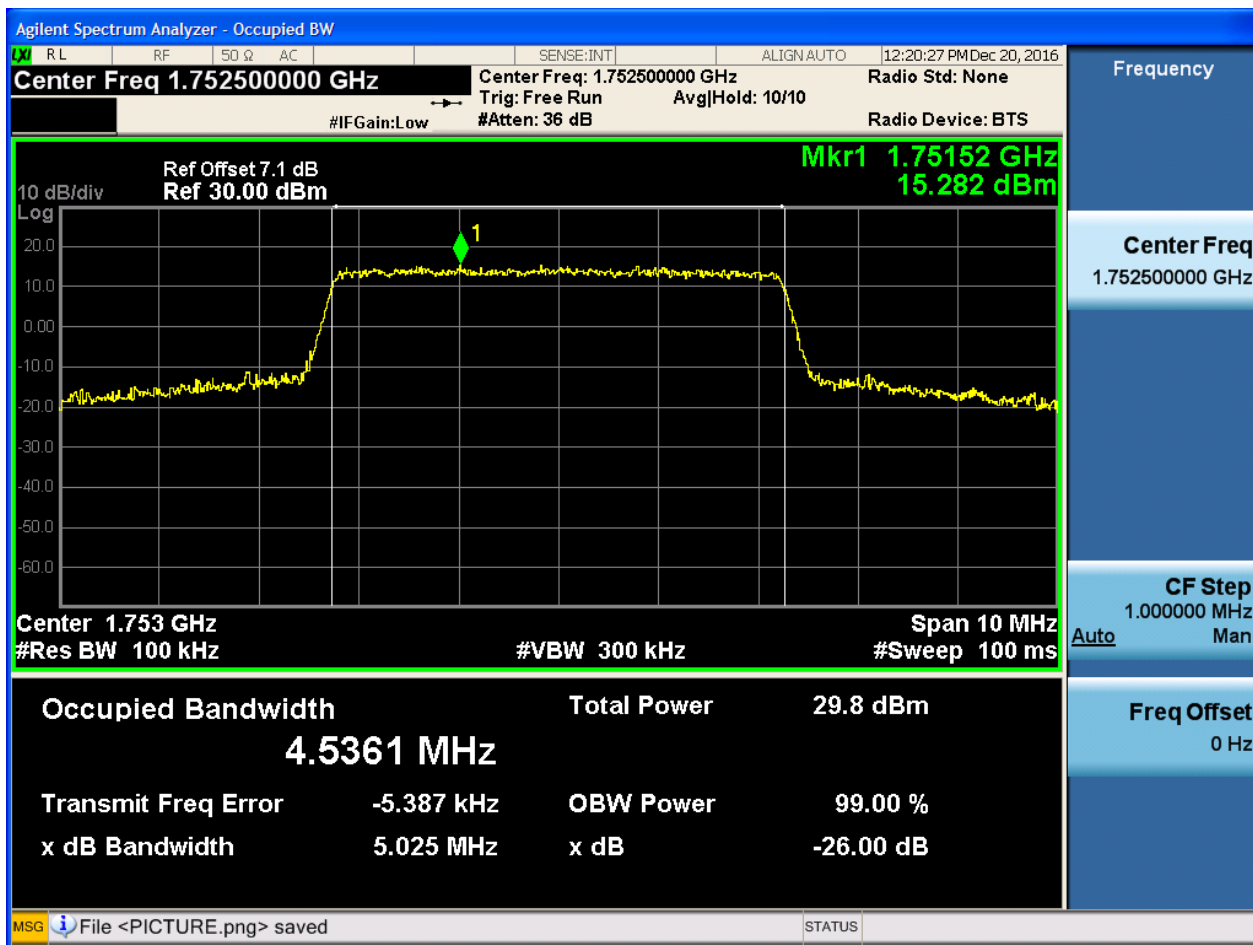
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

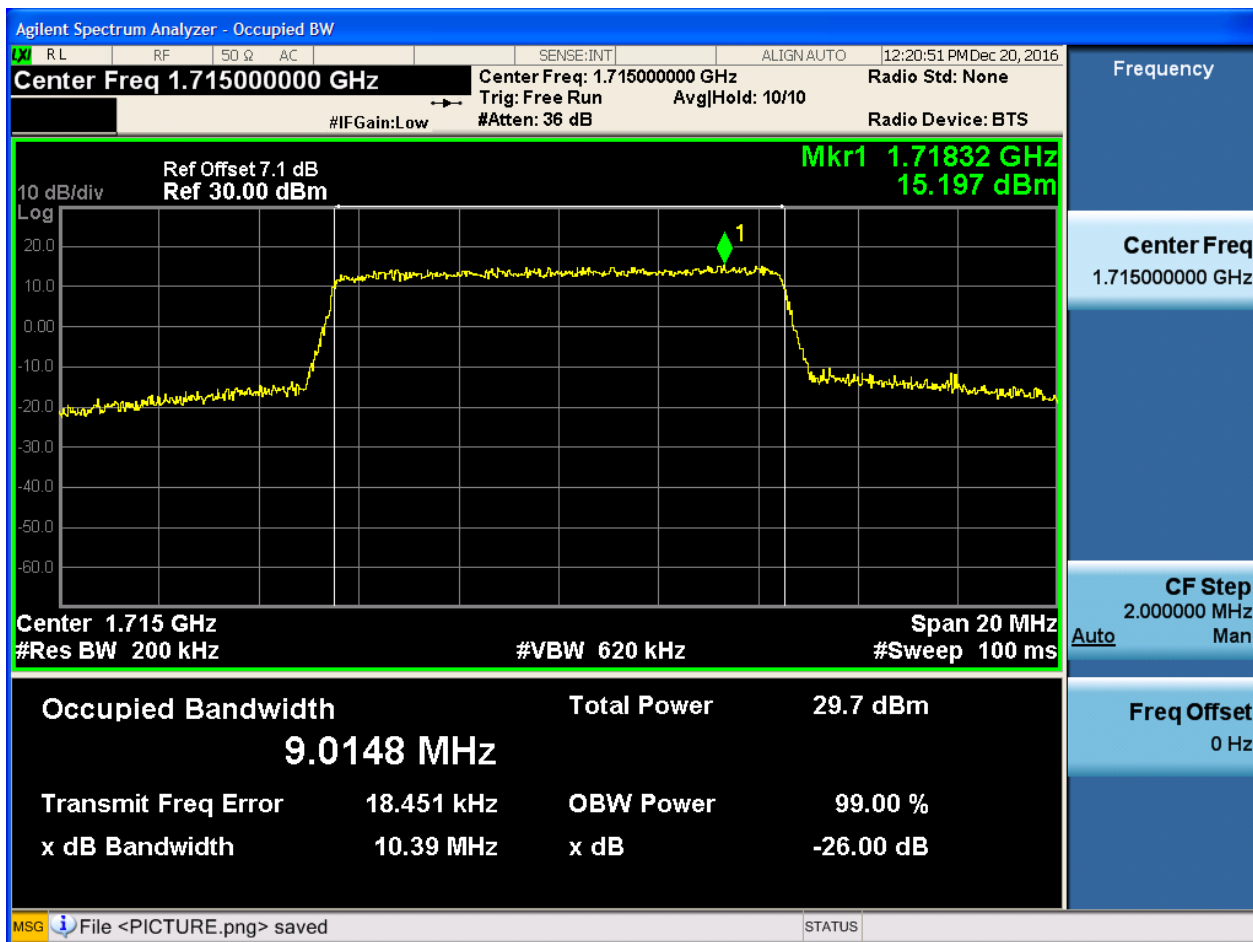




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

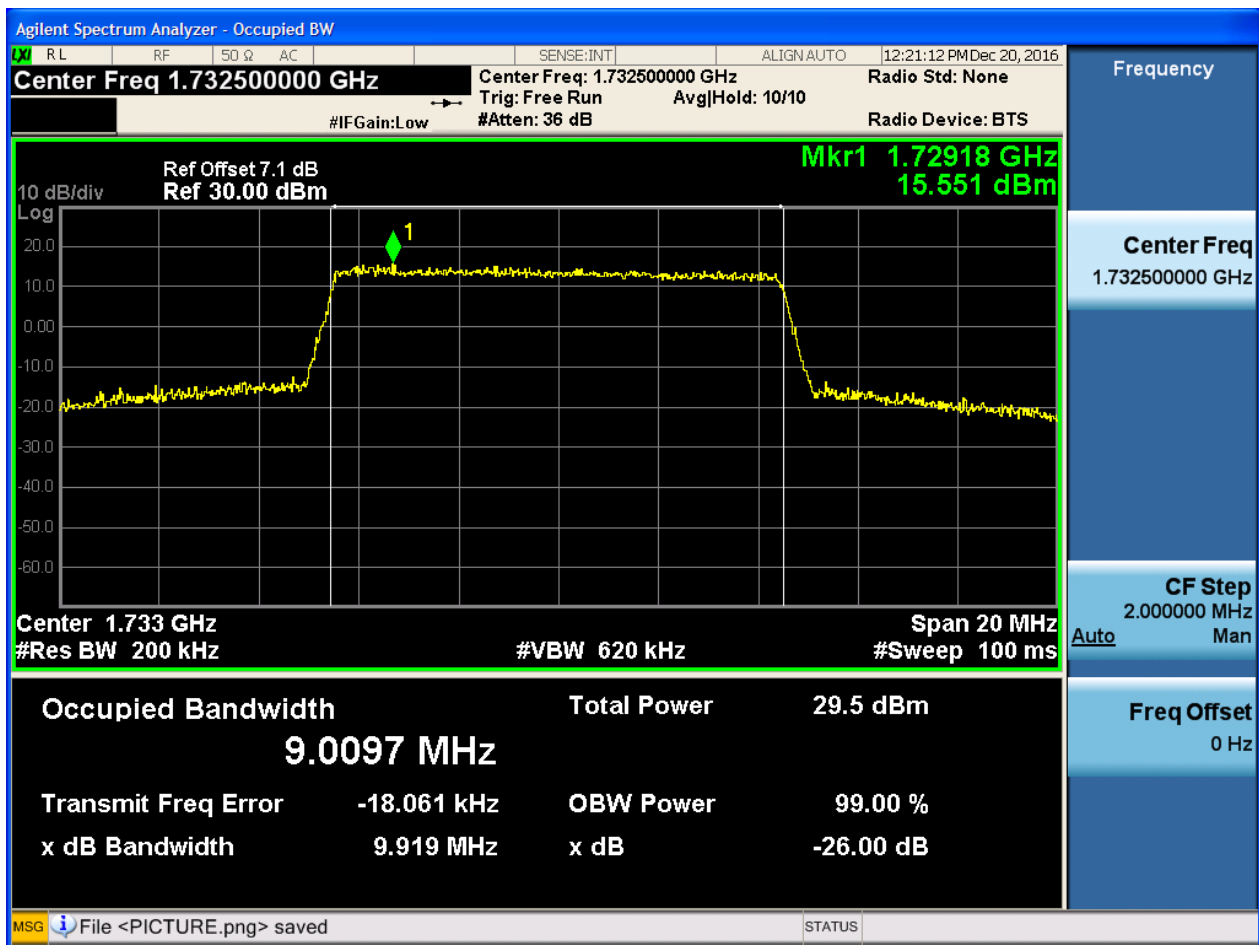
4.1.1.2.4.1.1 Test RB = RB50#0





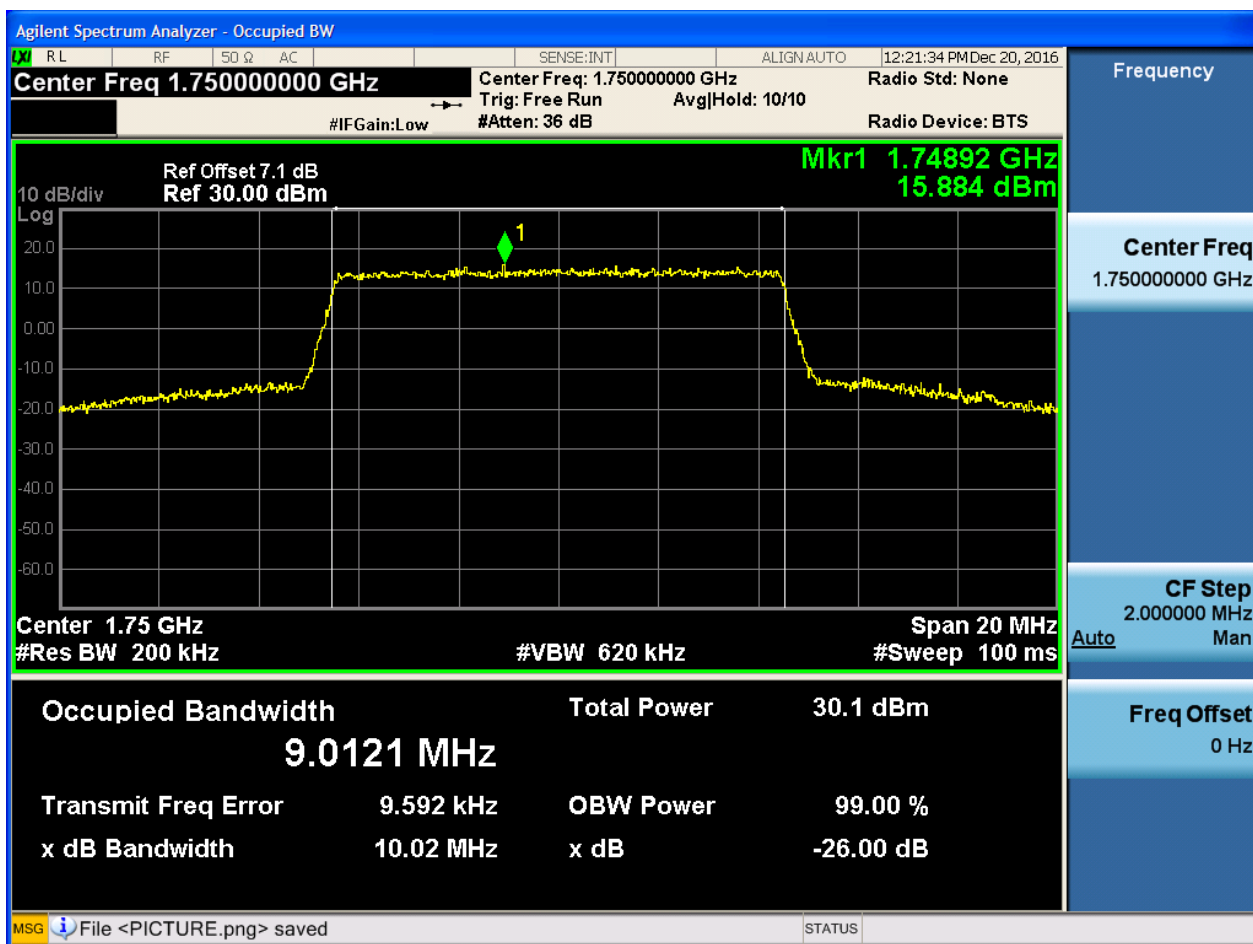
4.1.1.2.4.2 Test Channel = MCH

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

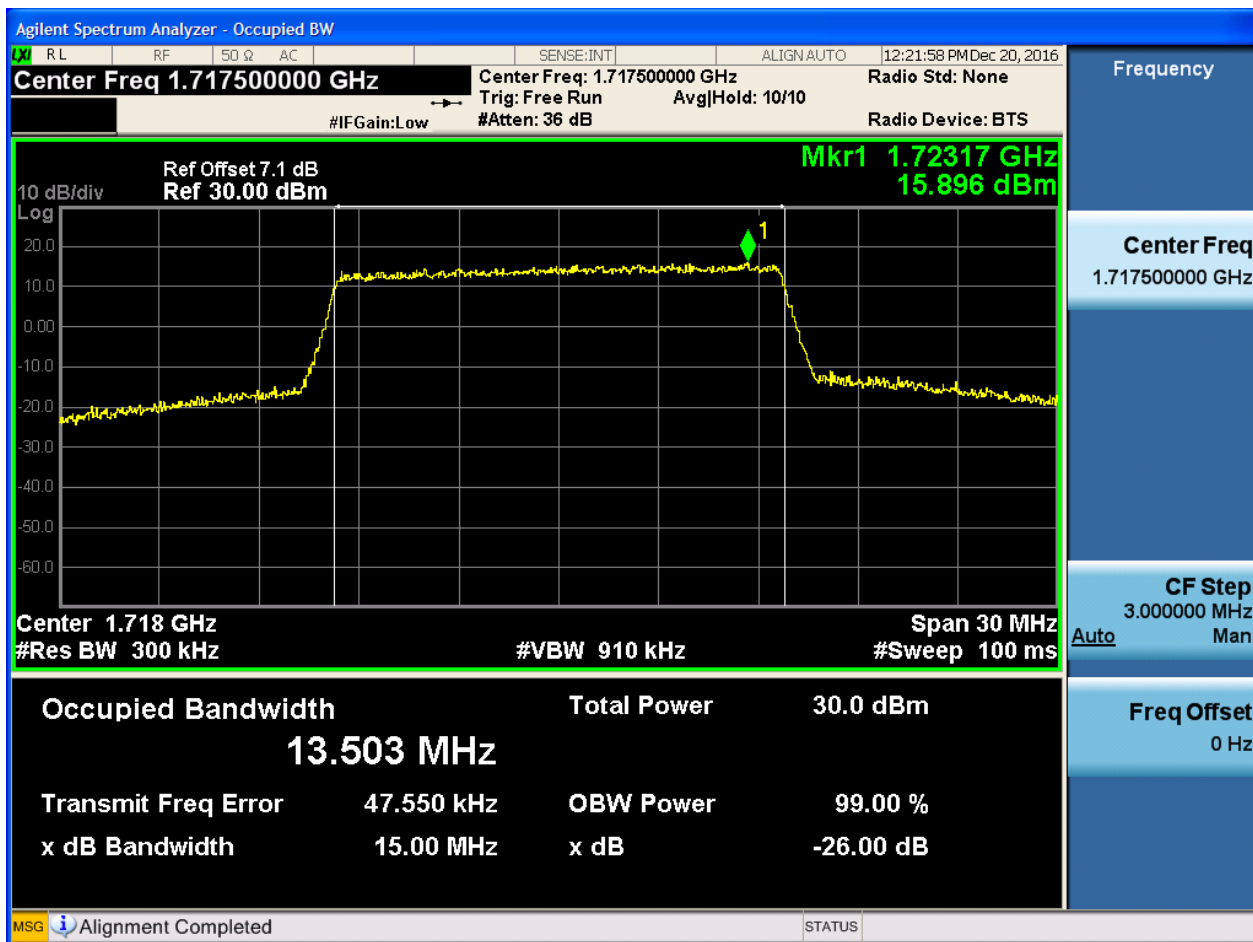




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

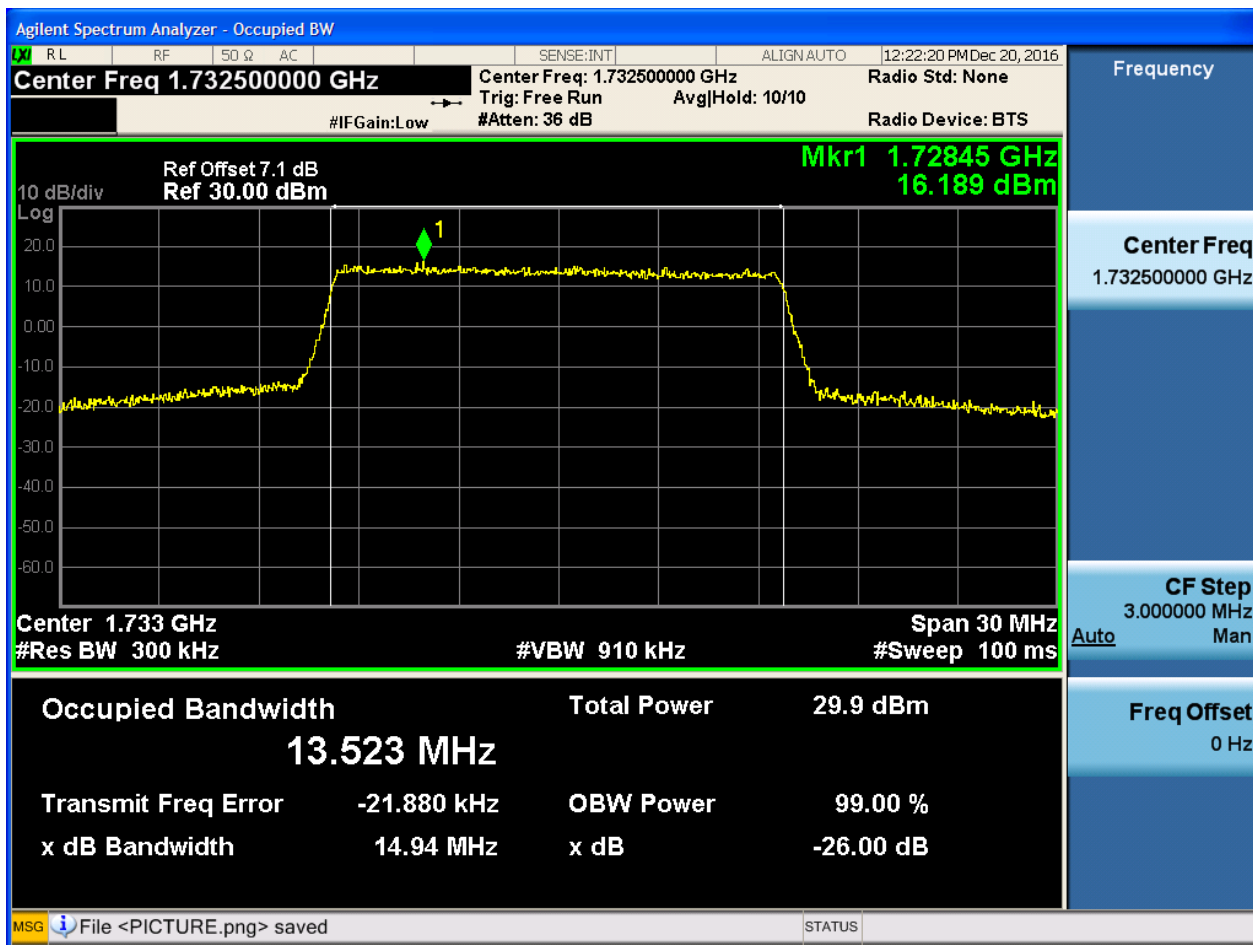
4.1.1.2.5.1.1 Test RB = RB75#0





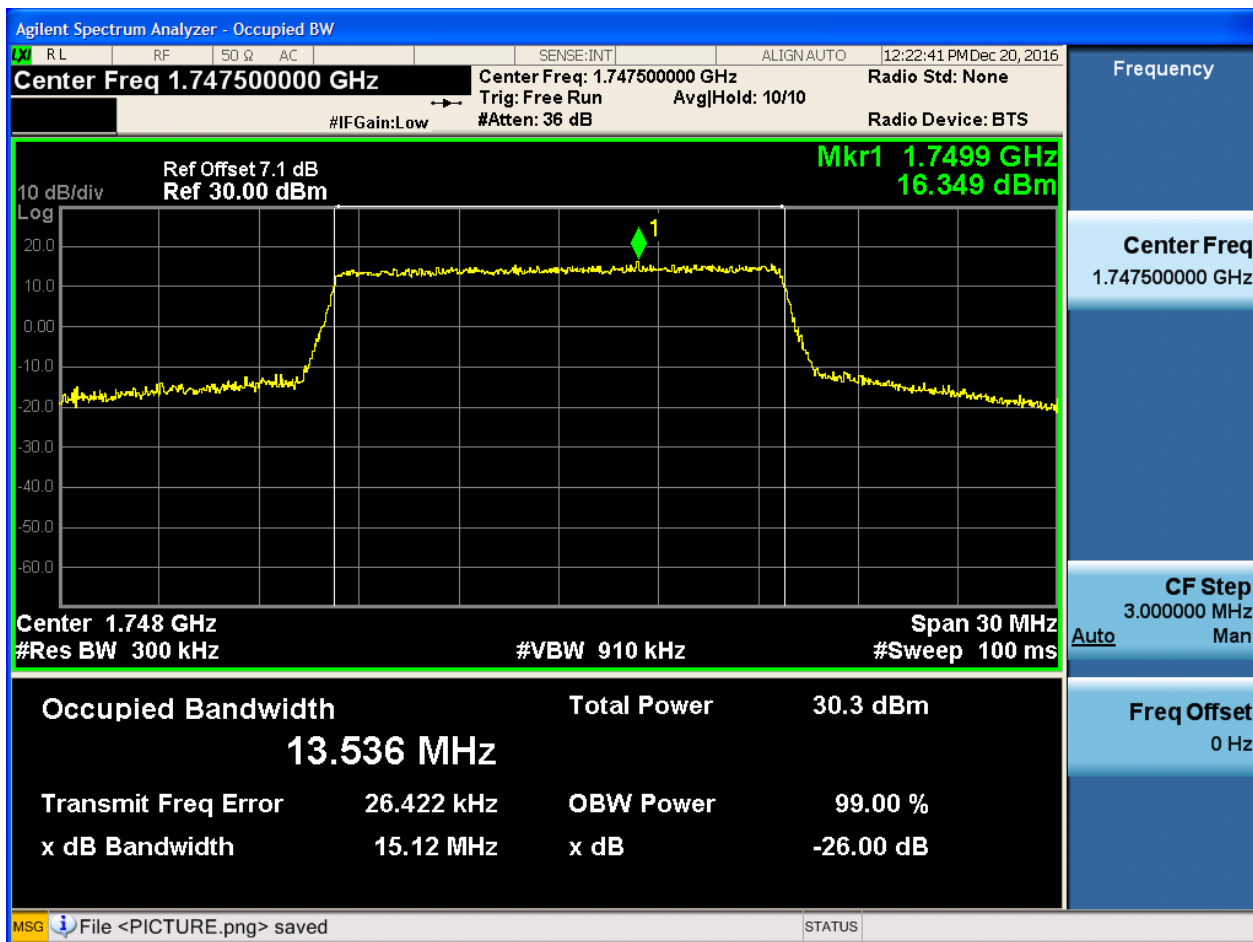
4.1.1.2.5.2 Test Channel = MCH

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

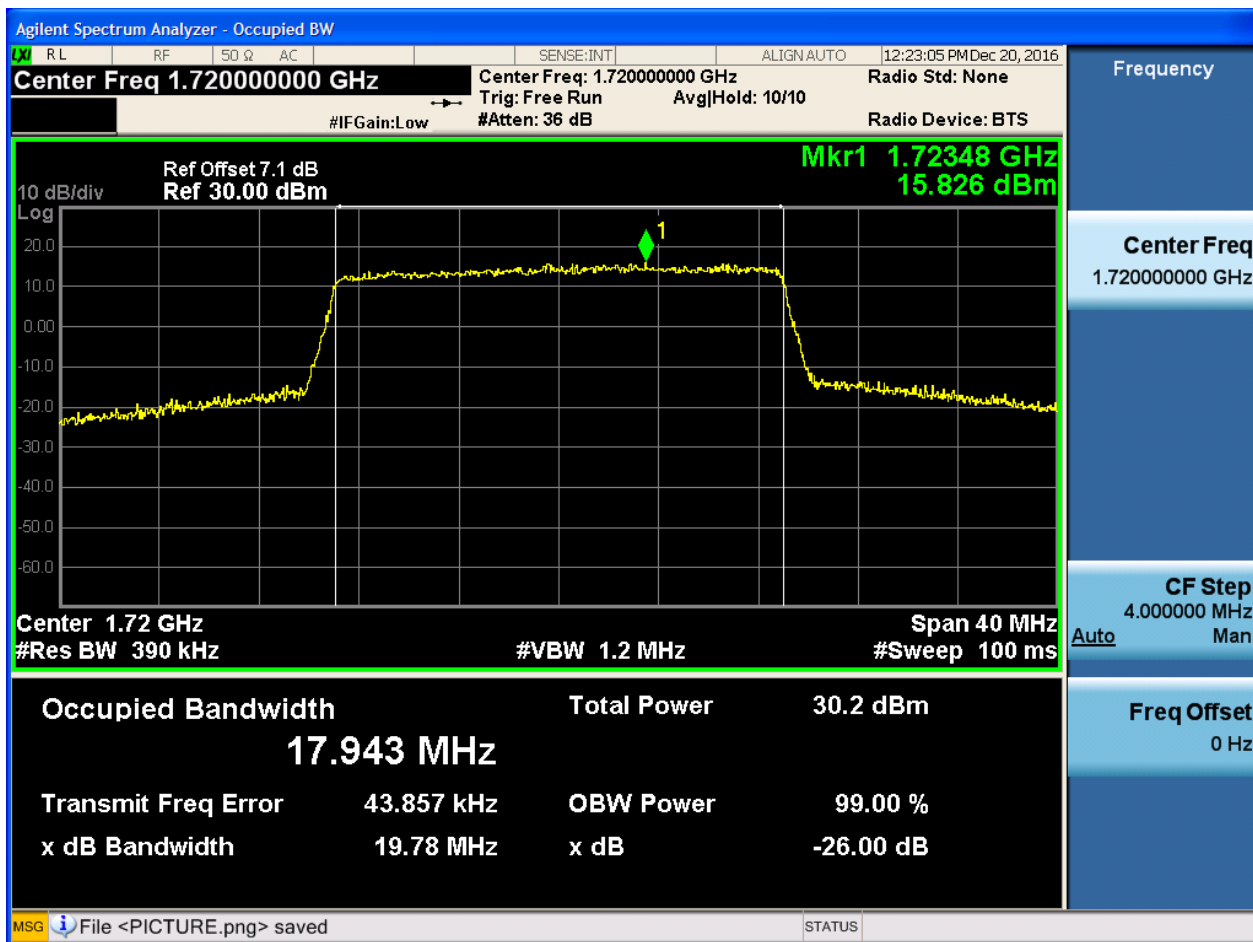




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

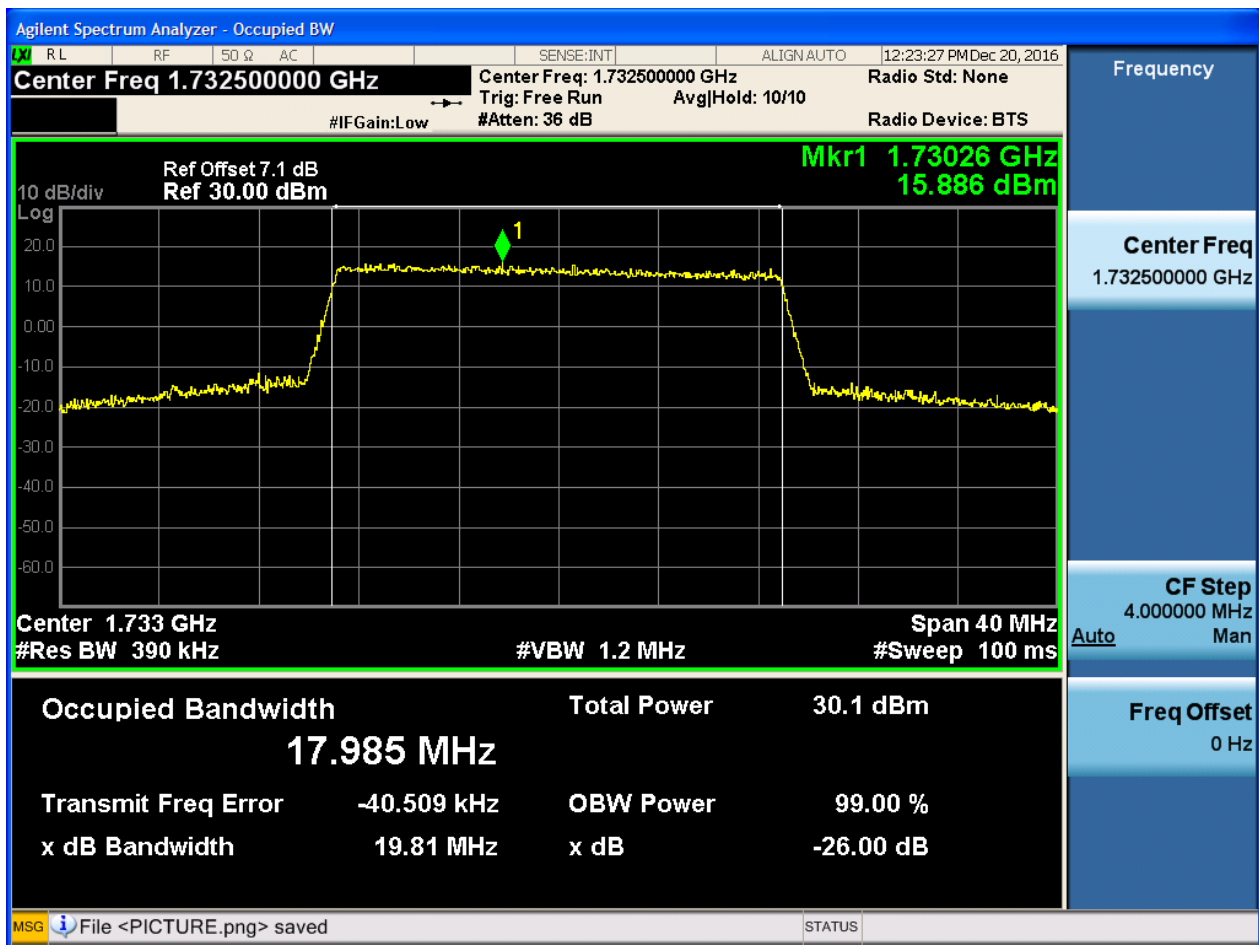
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

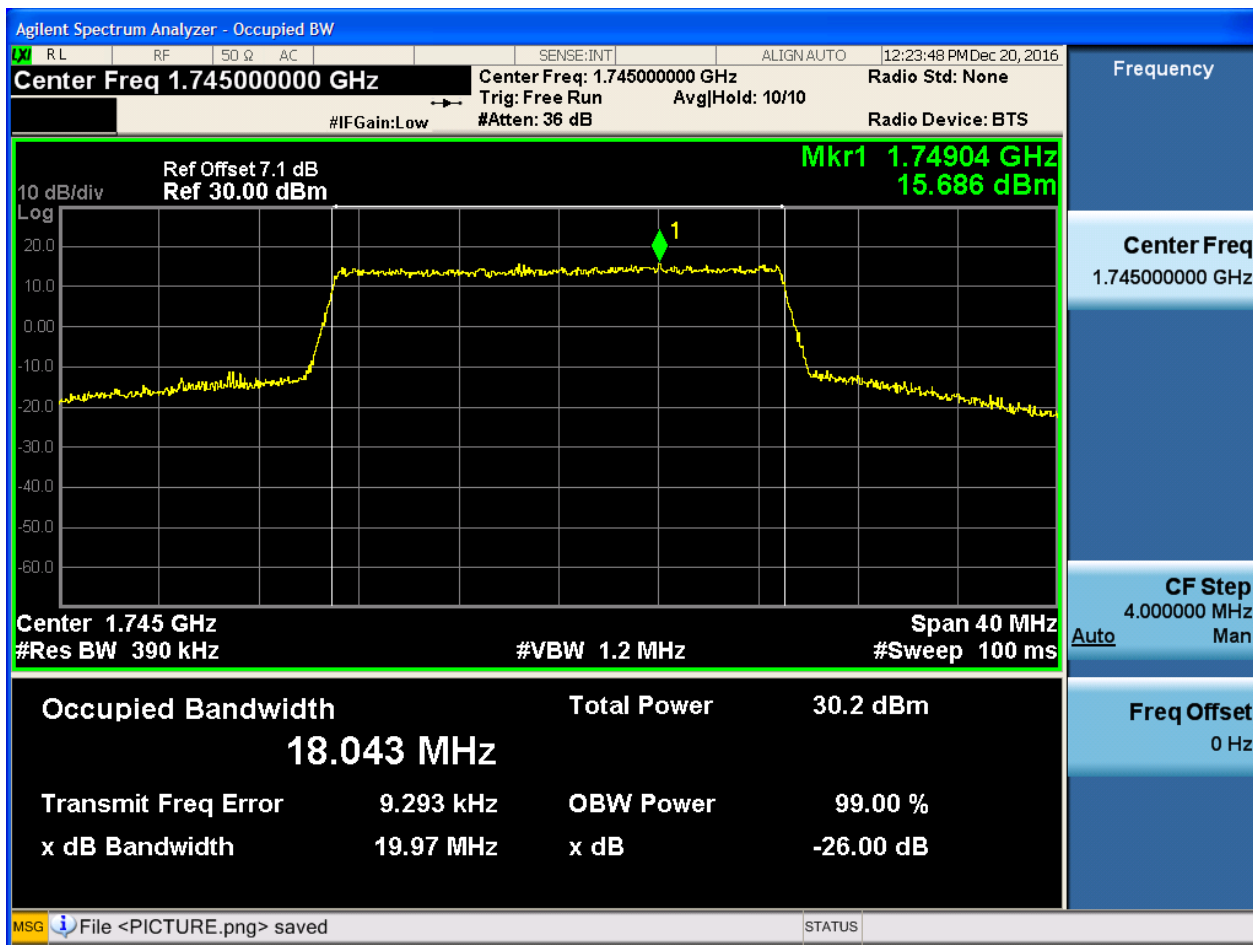
4.1.1.2.6.2.1 Test RB = RB100#0





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

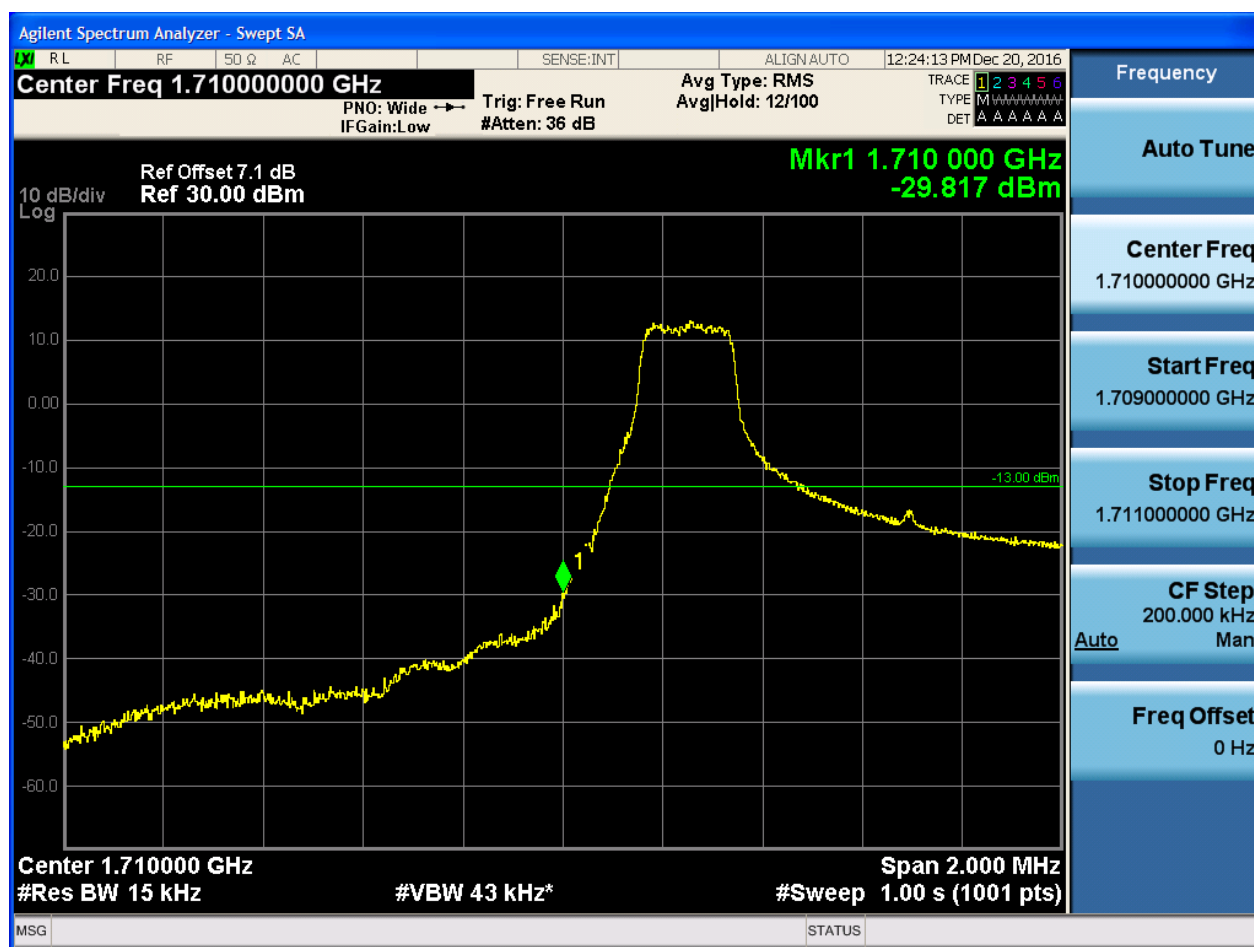
5.1.1 Test Band = BAND4

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



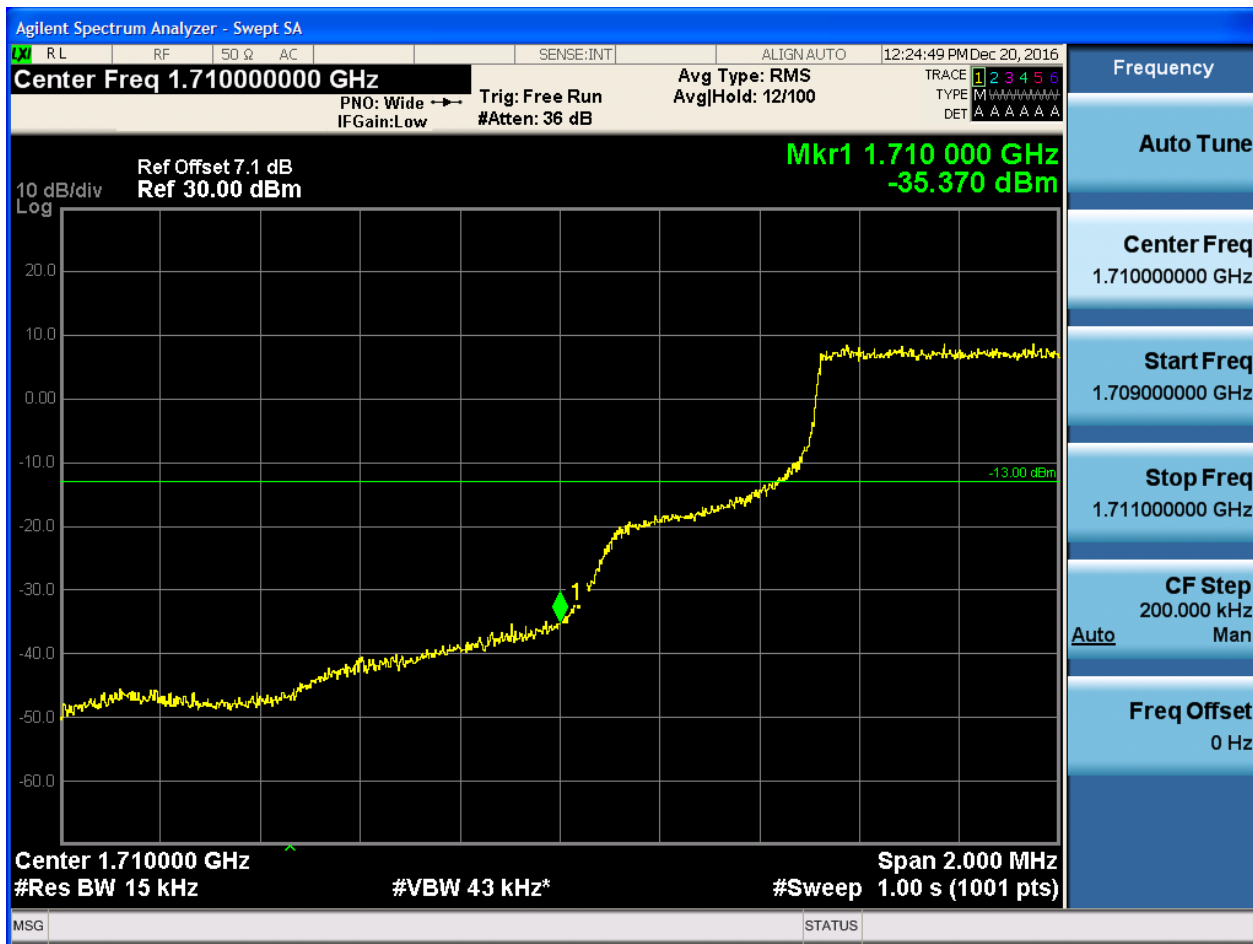


5.1.1.1.1.2 Test RB = RB1#5





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





5.1.1.1.1.2.3 Test RB = RB3#2





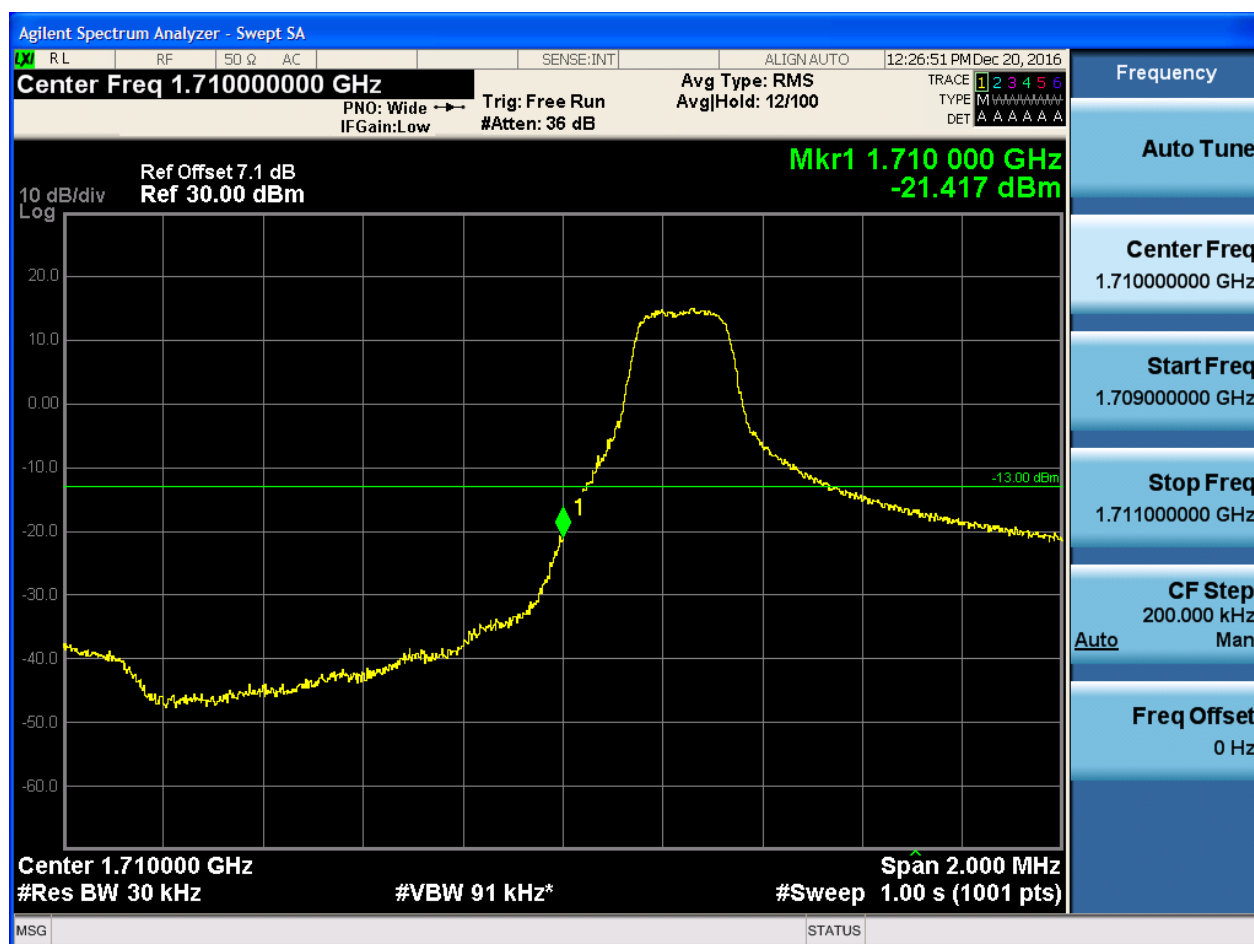
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

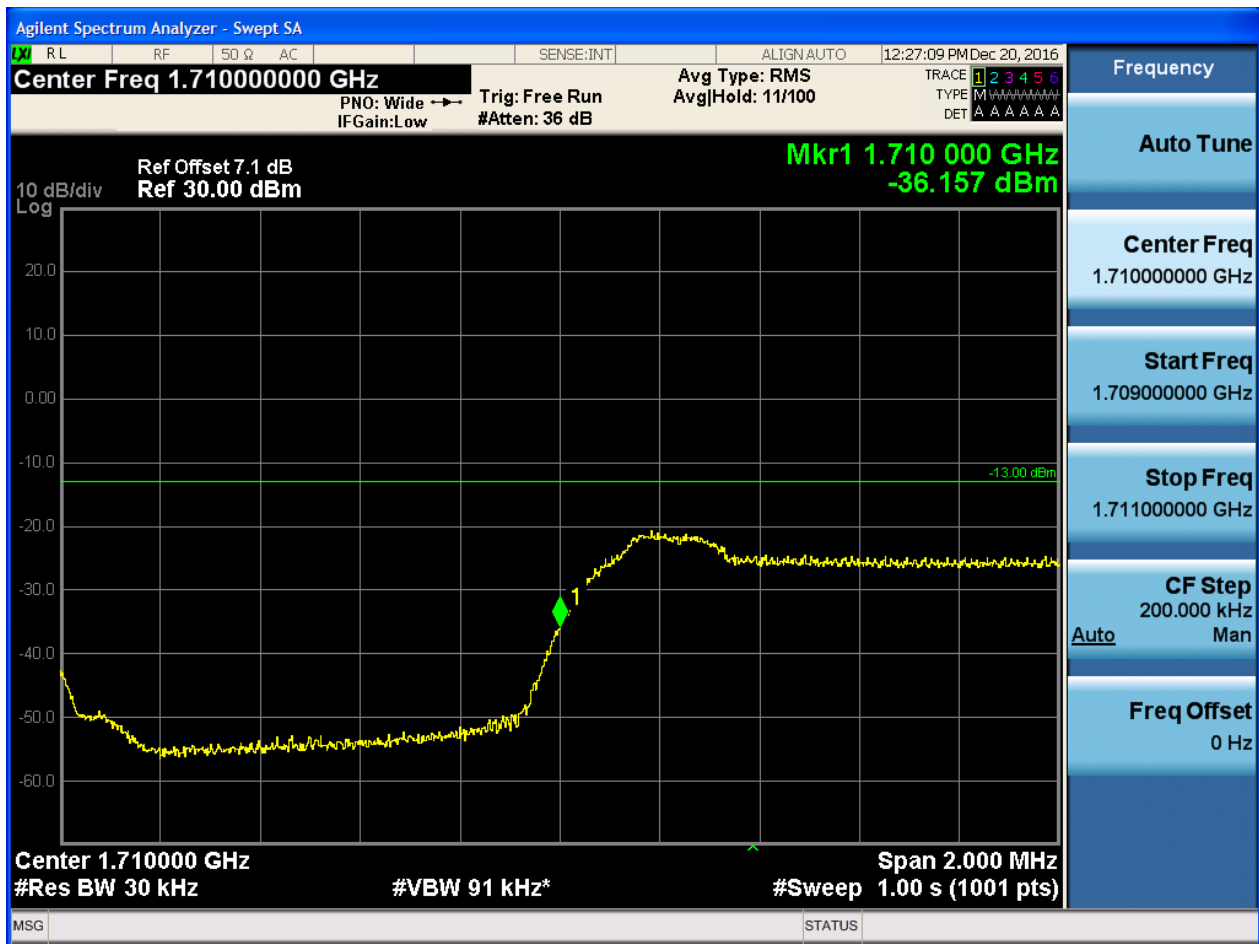
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



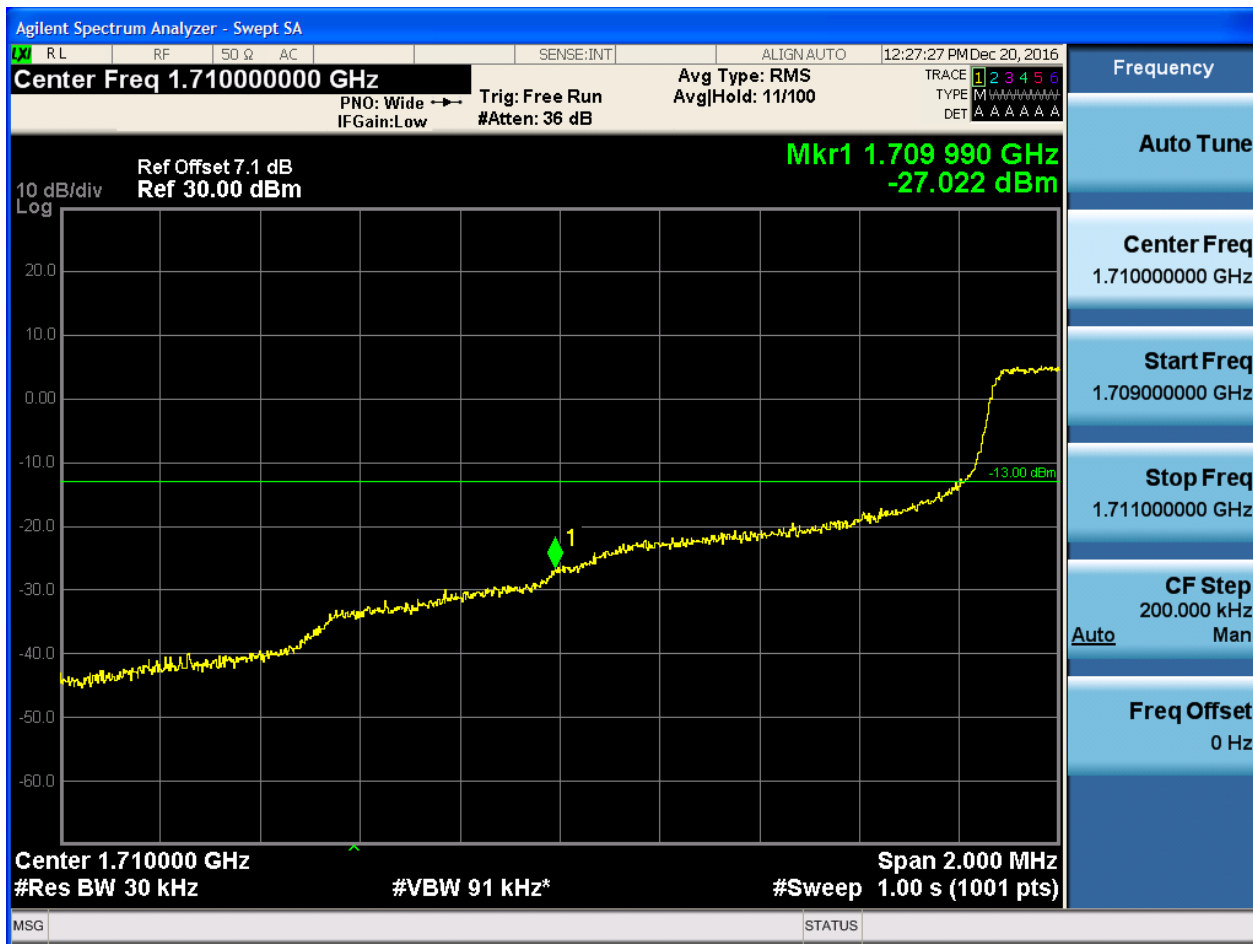


5.1.1.1.2.1.2 Test RB = RB1#14



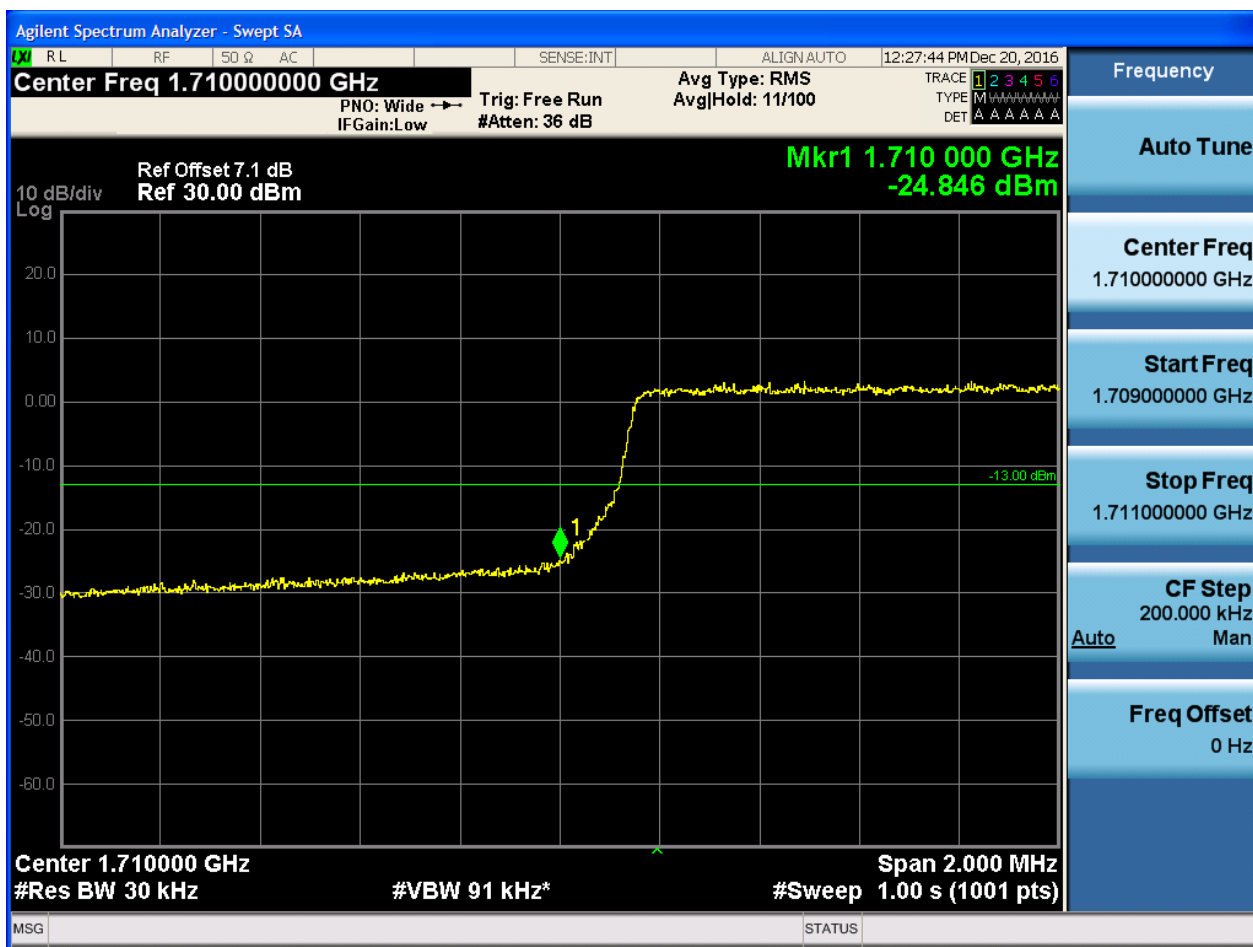


5.1.1.1.2.1.3 Test RB = RB8#4





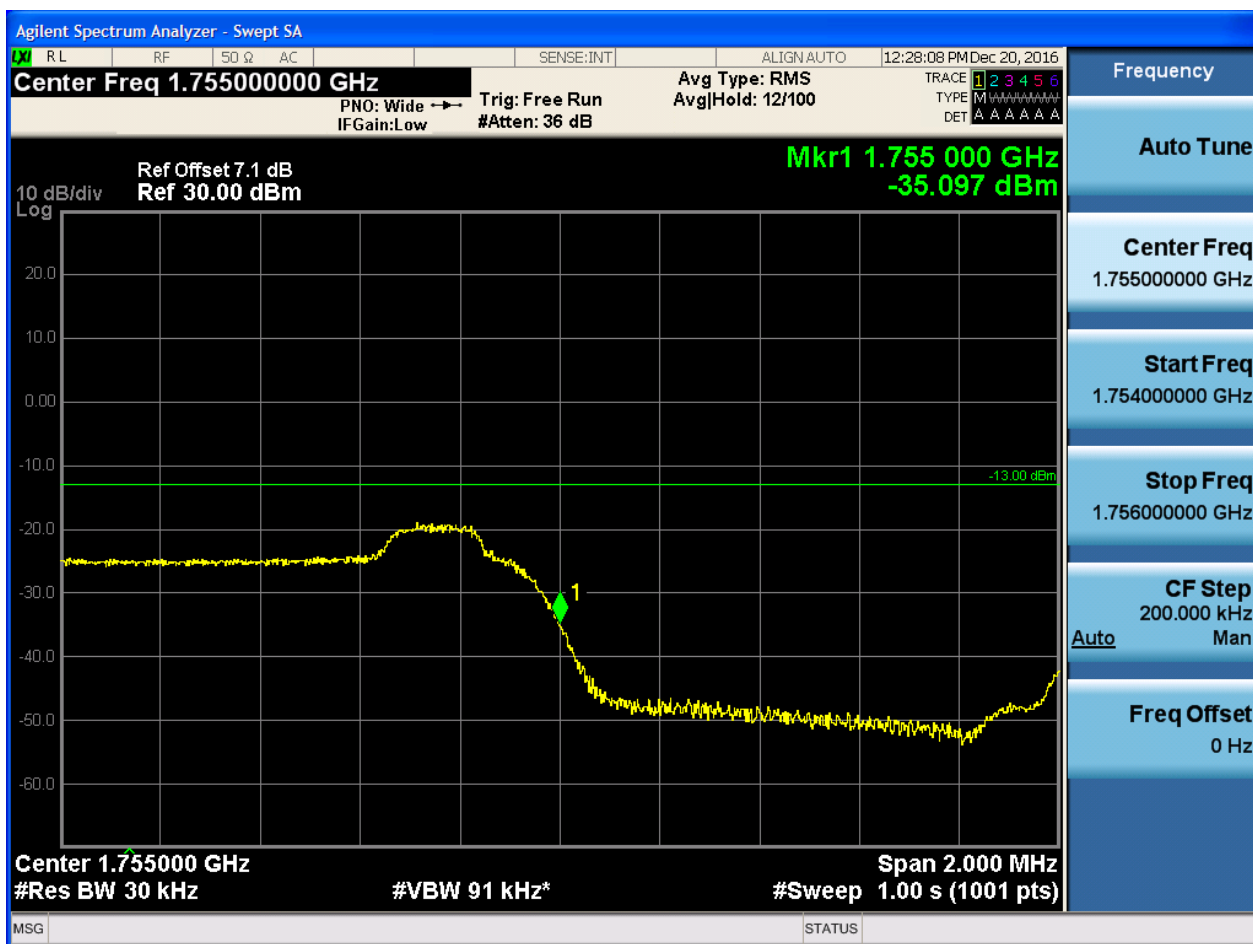
5.1.1.1.2.1.4 Test RB = RB15#0





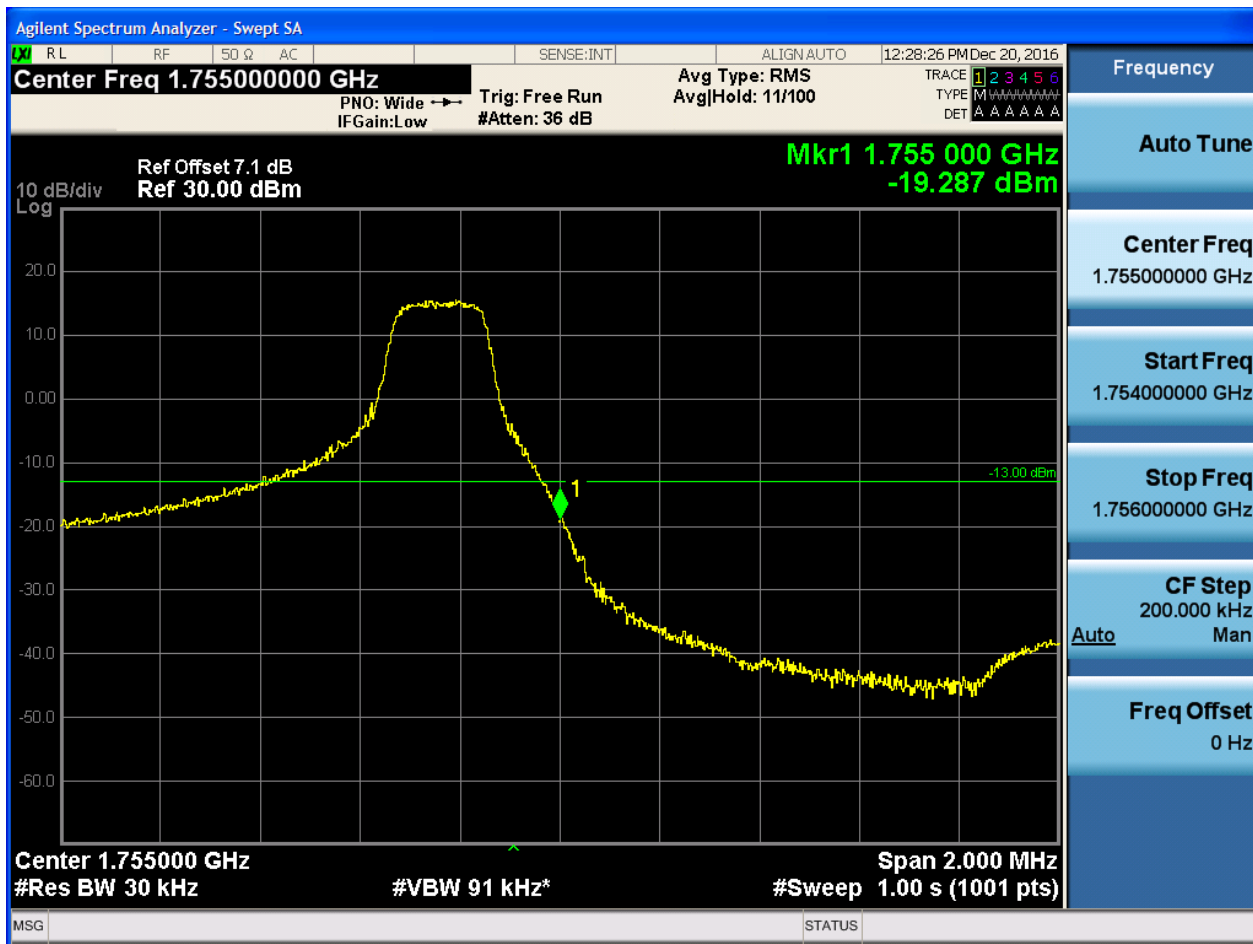
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



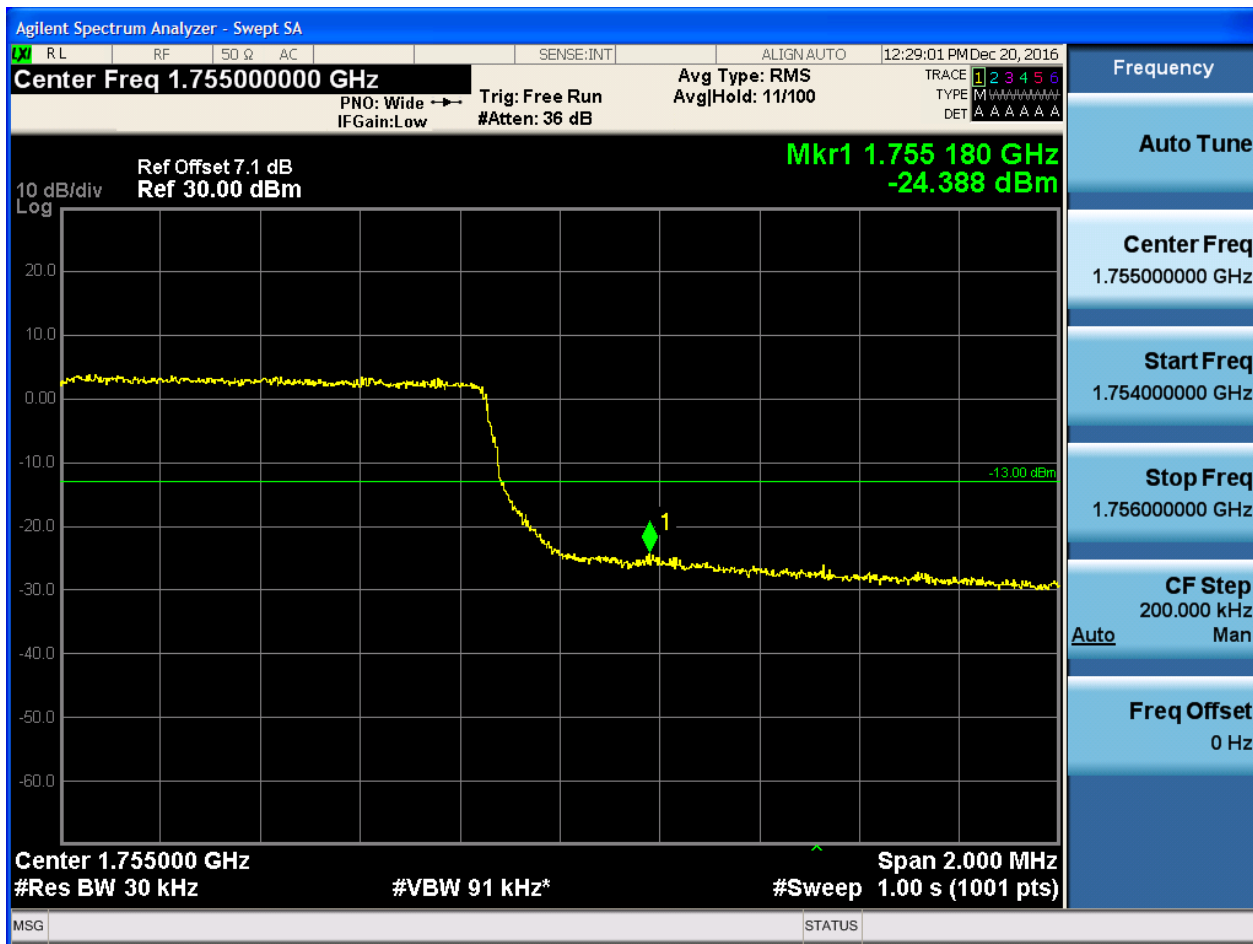


5.1.1.1.2.2.3 Test RB = RB8#4





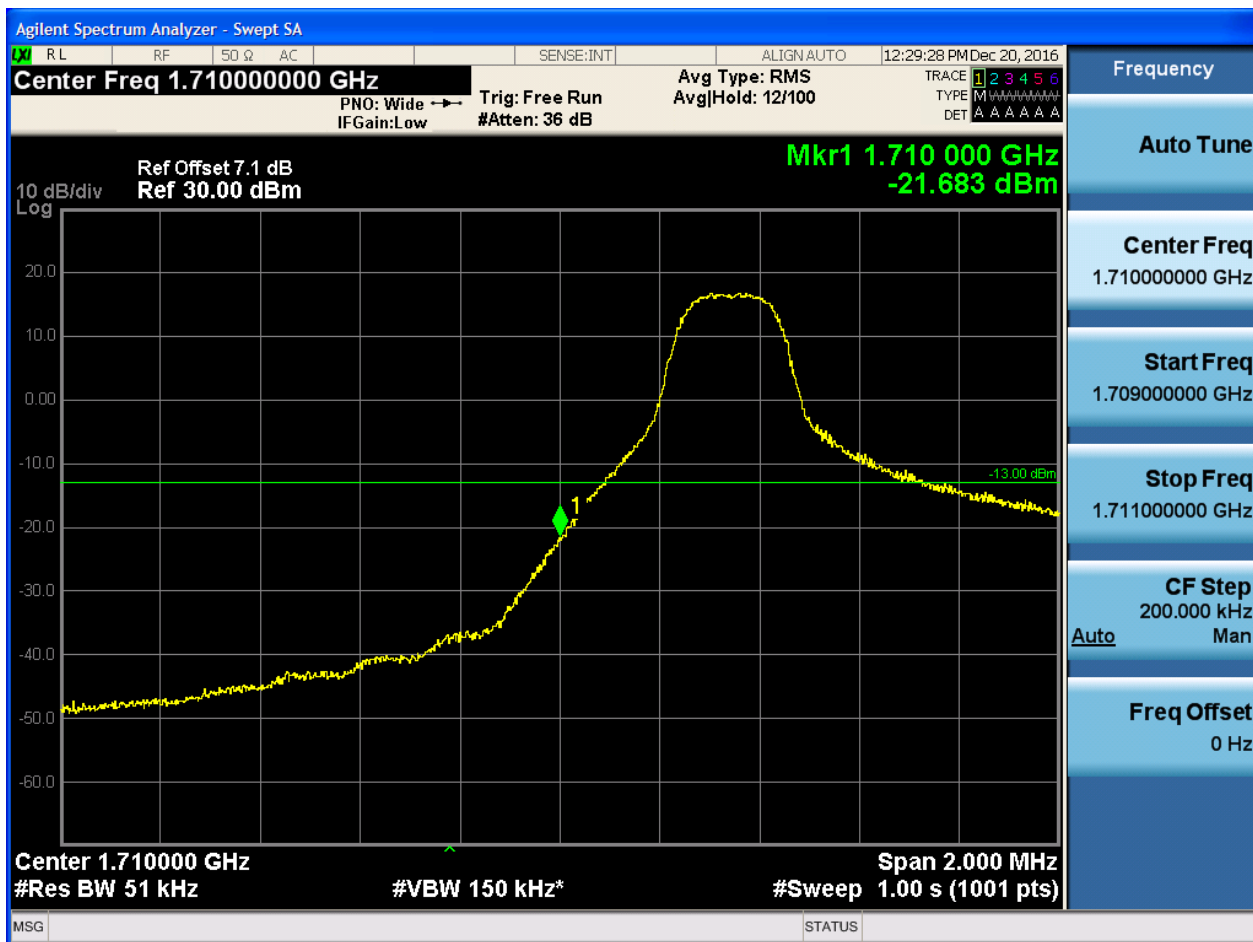
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

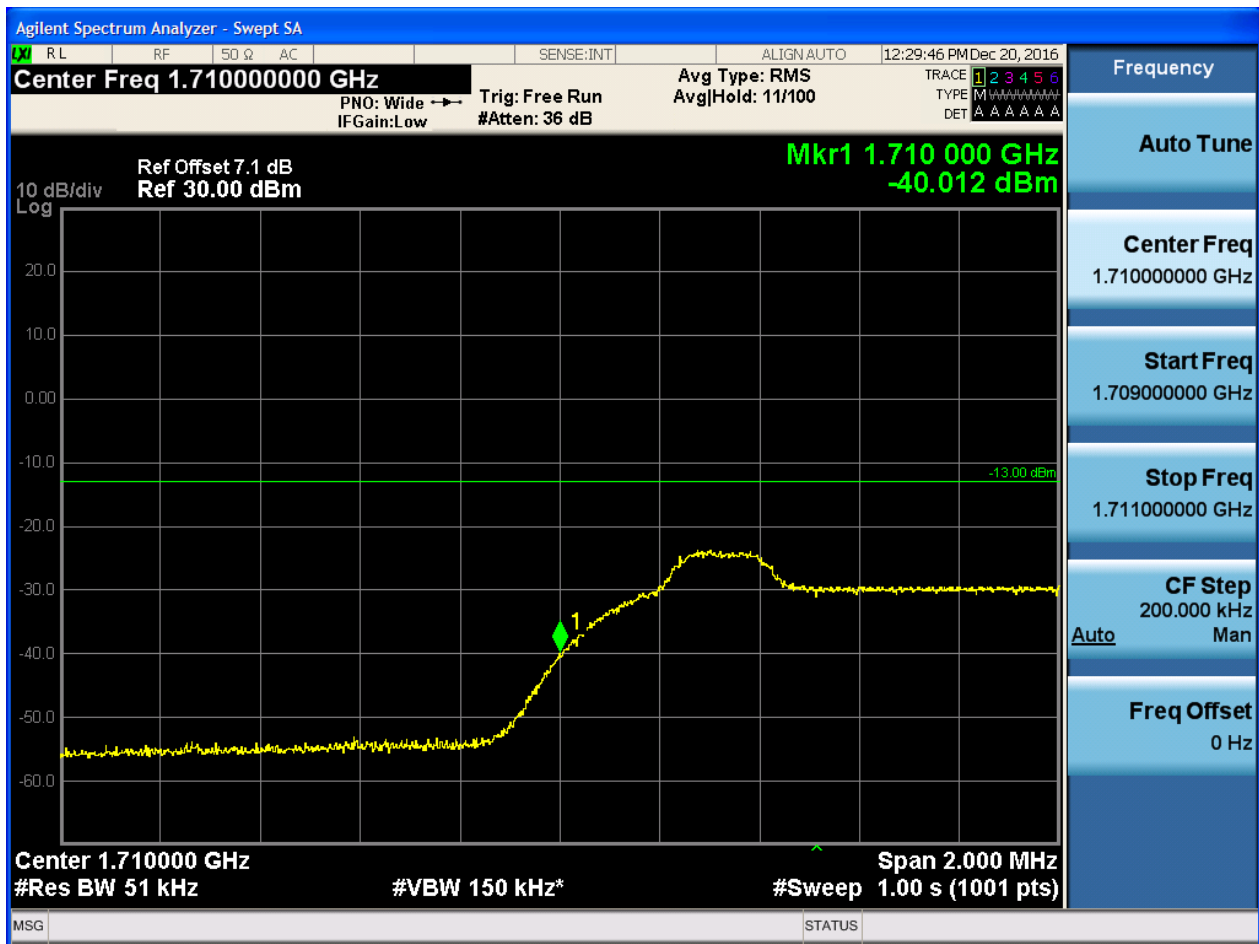
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



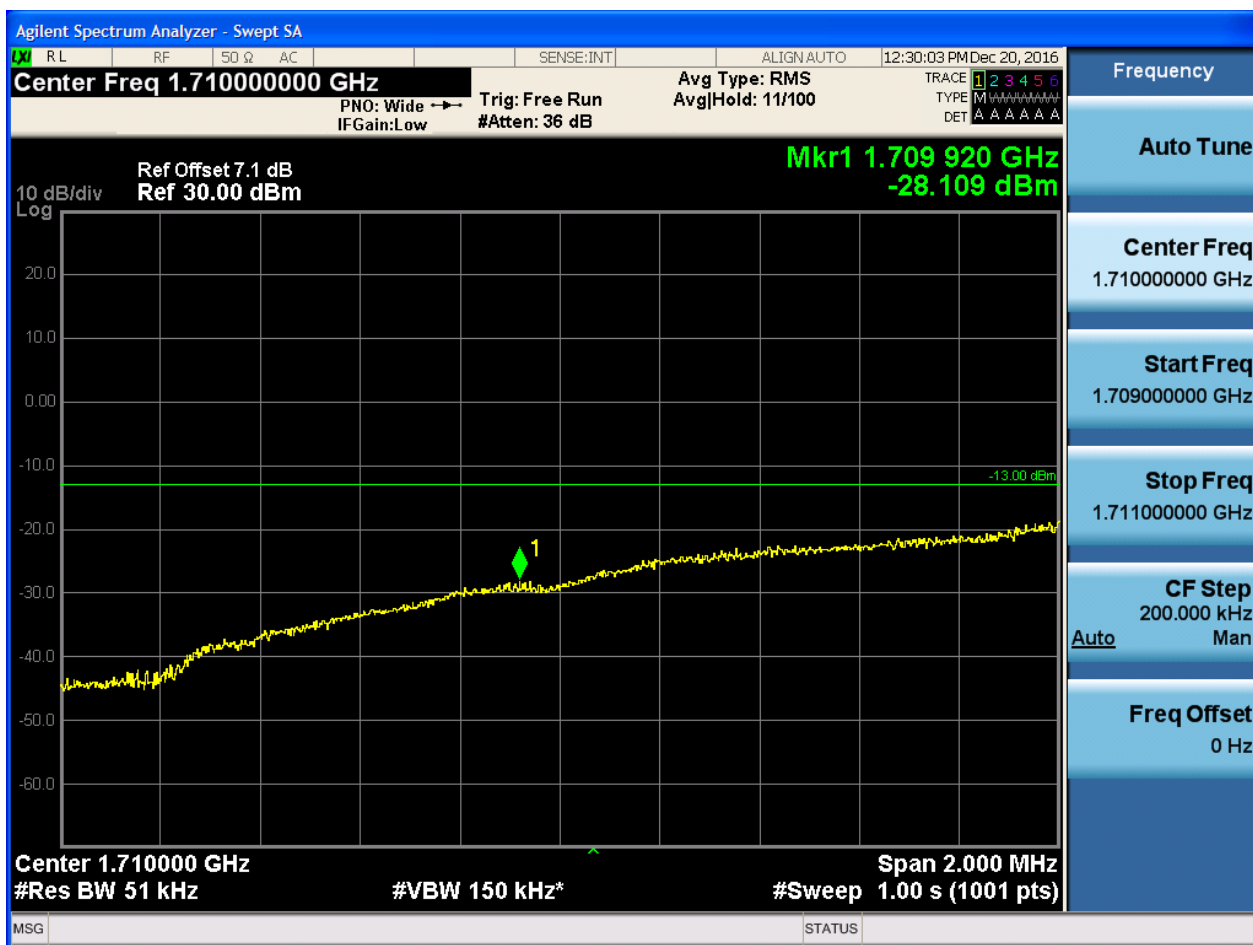


5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





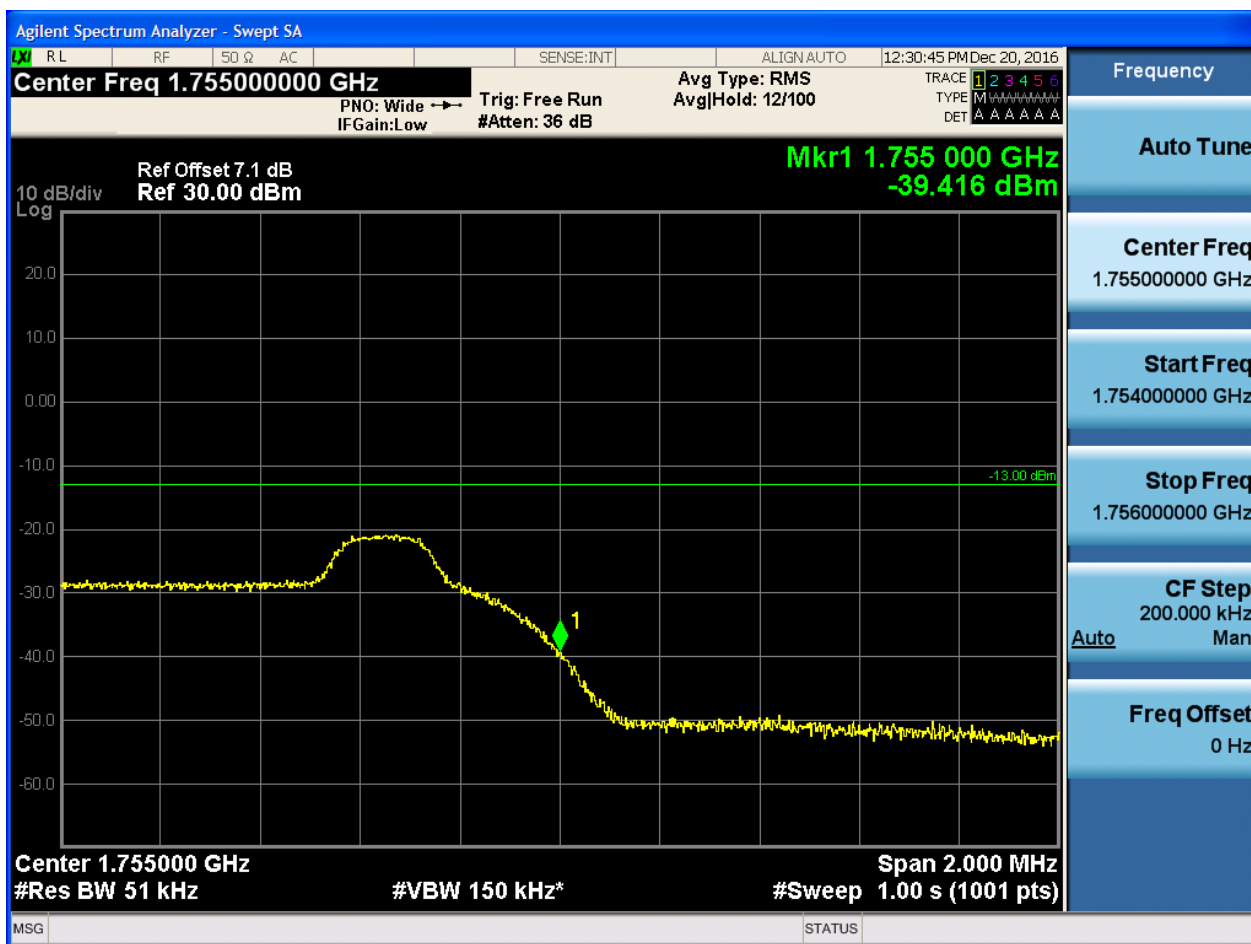
5.1.1.1.3.1.4 Test RB = RB25#0





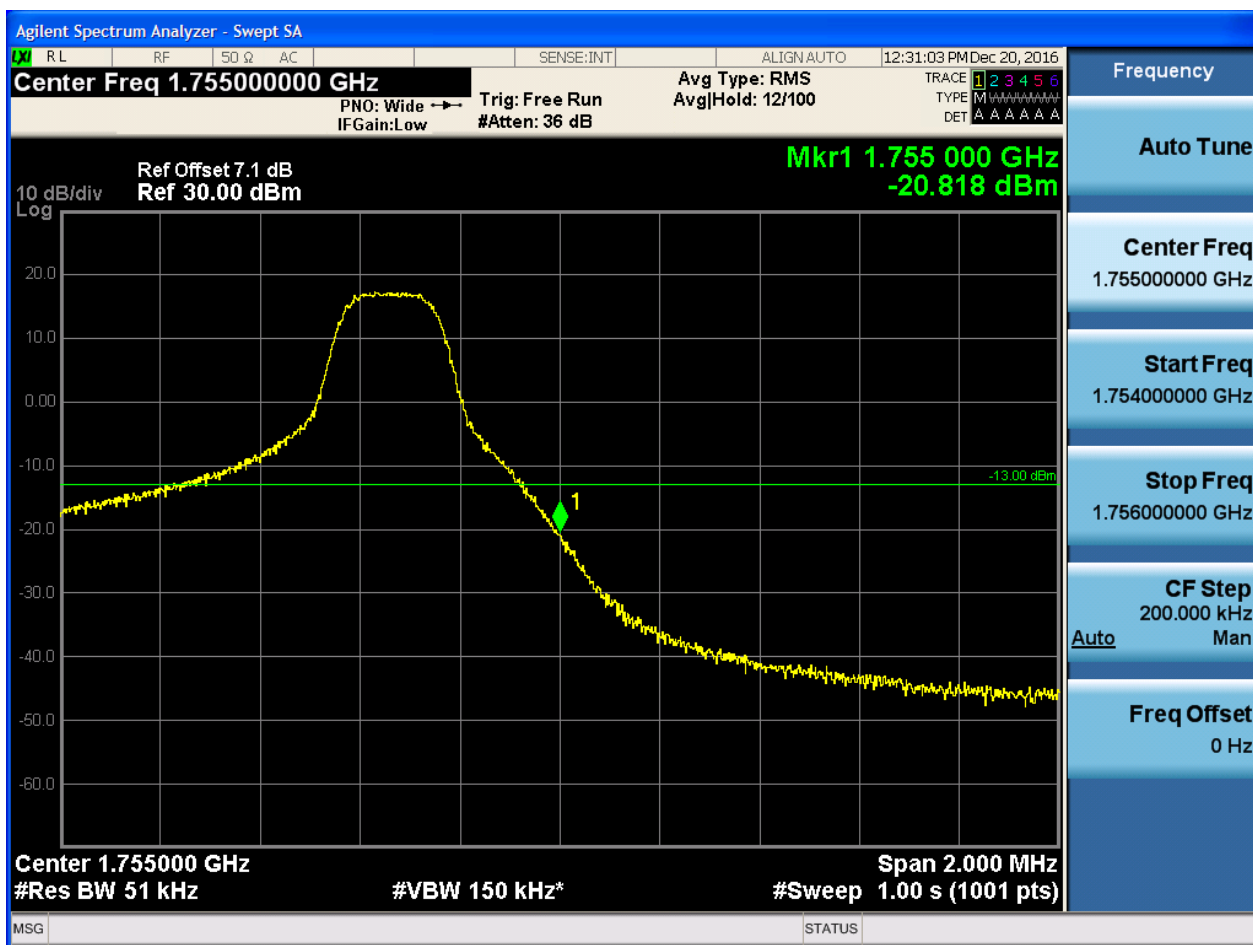
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





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

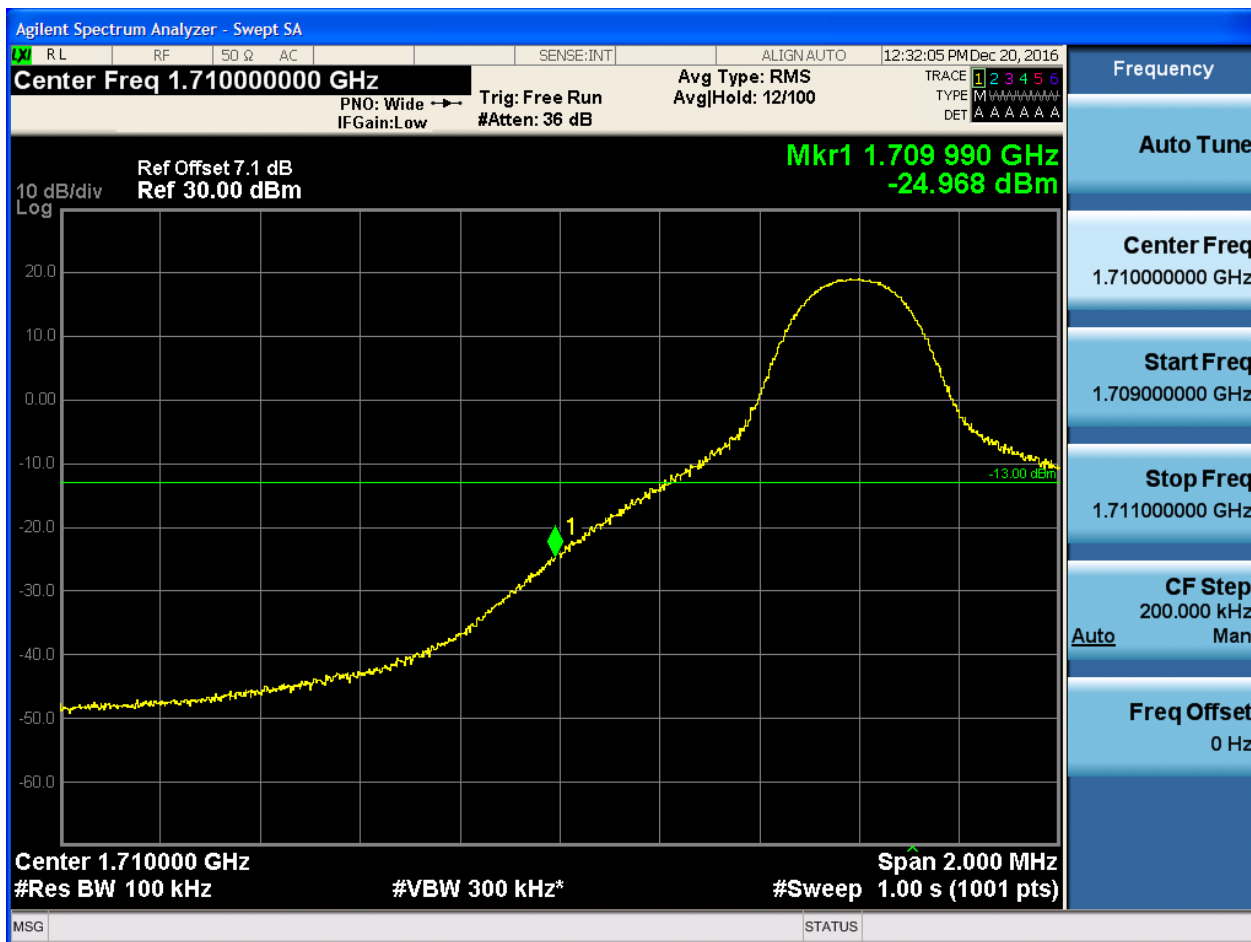




5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



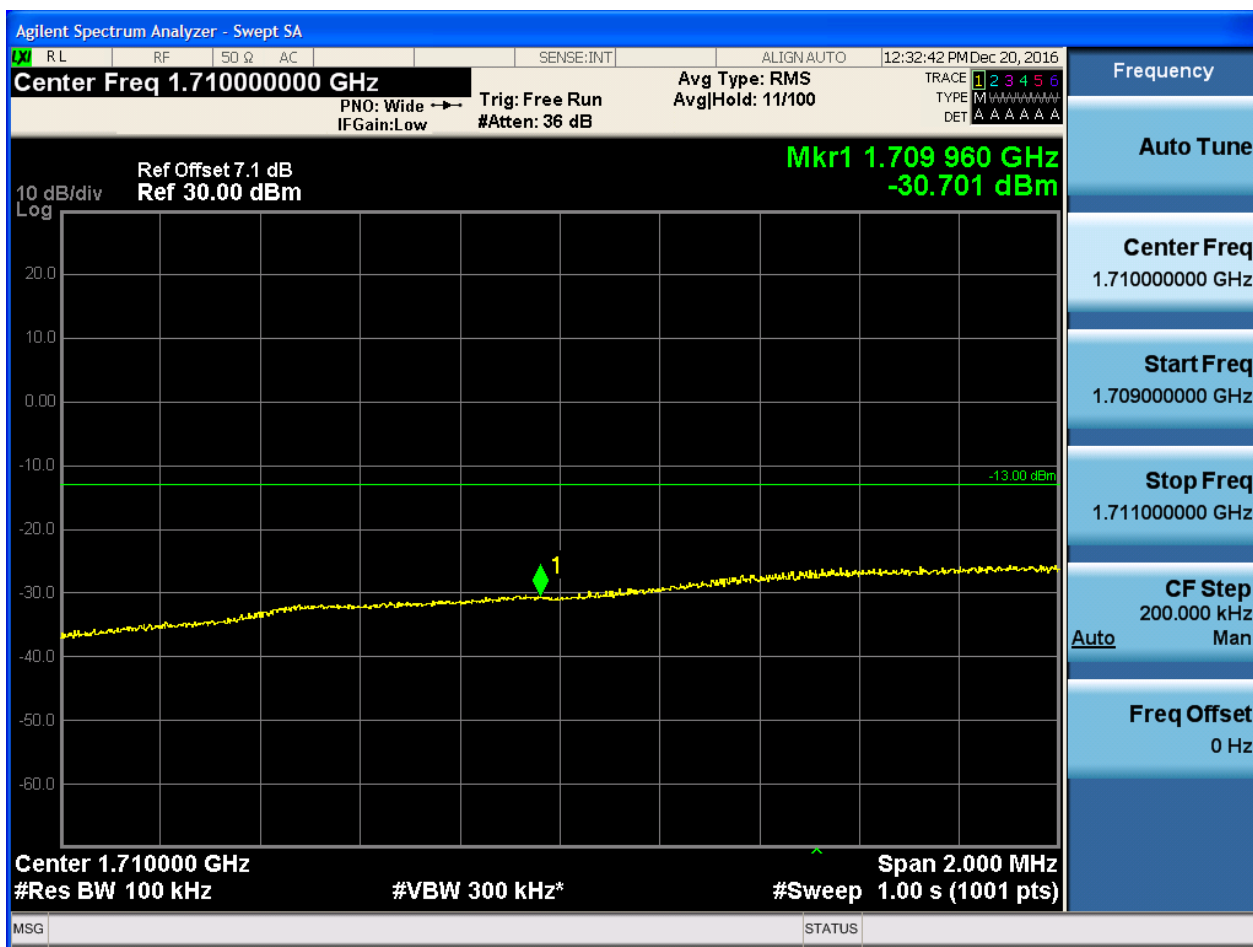


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





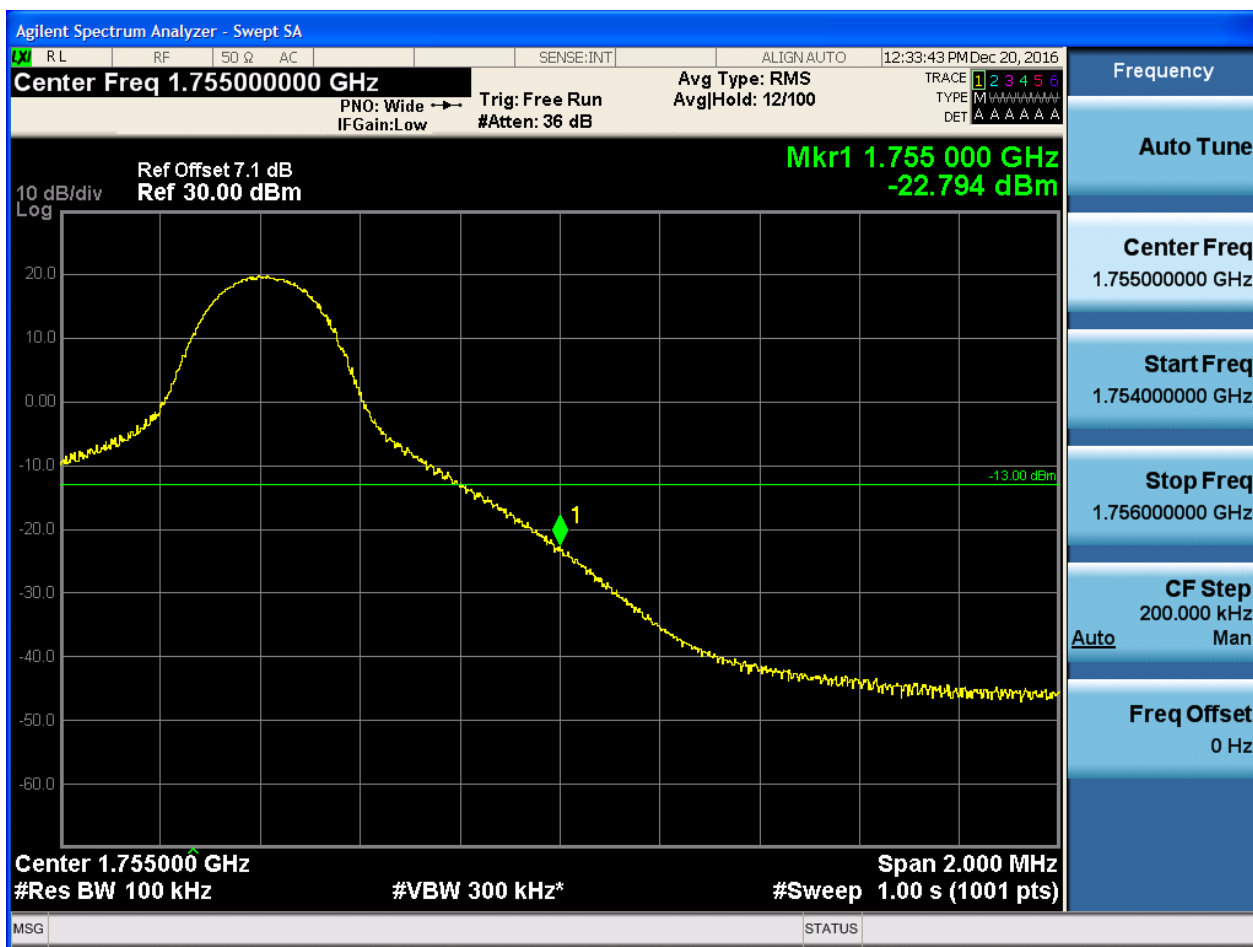
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

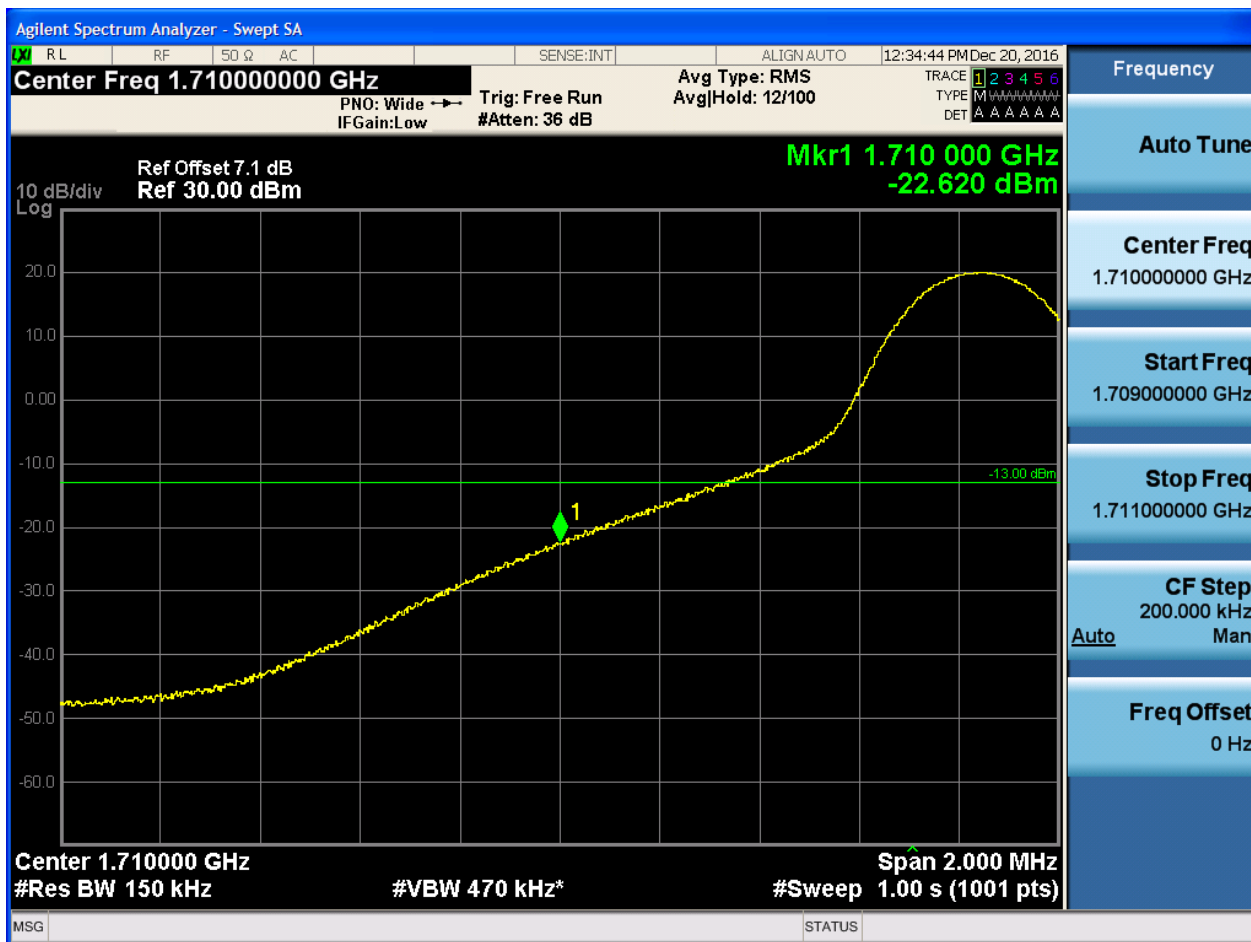




5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



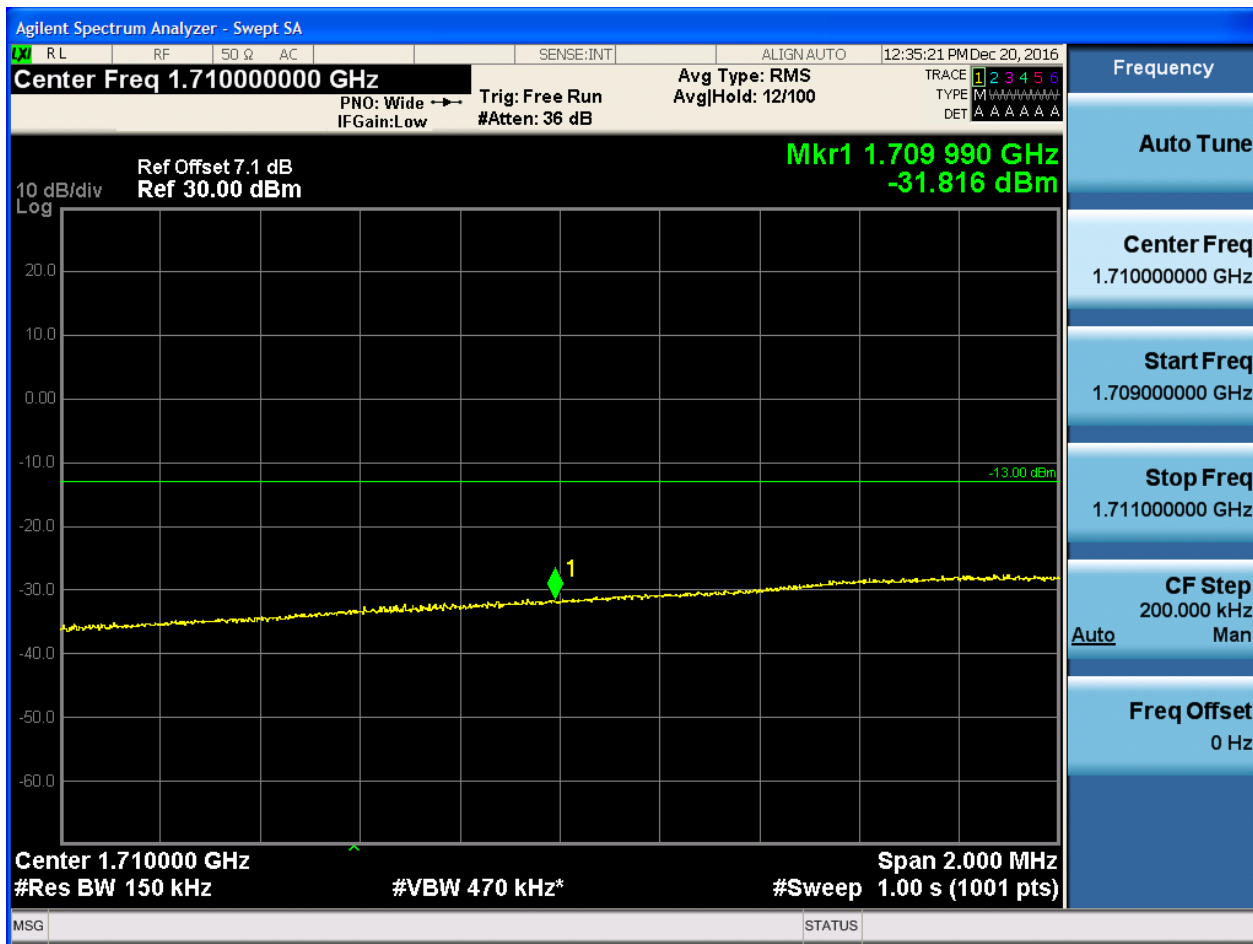


5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





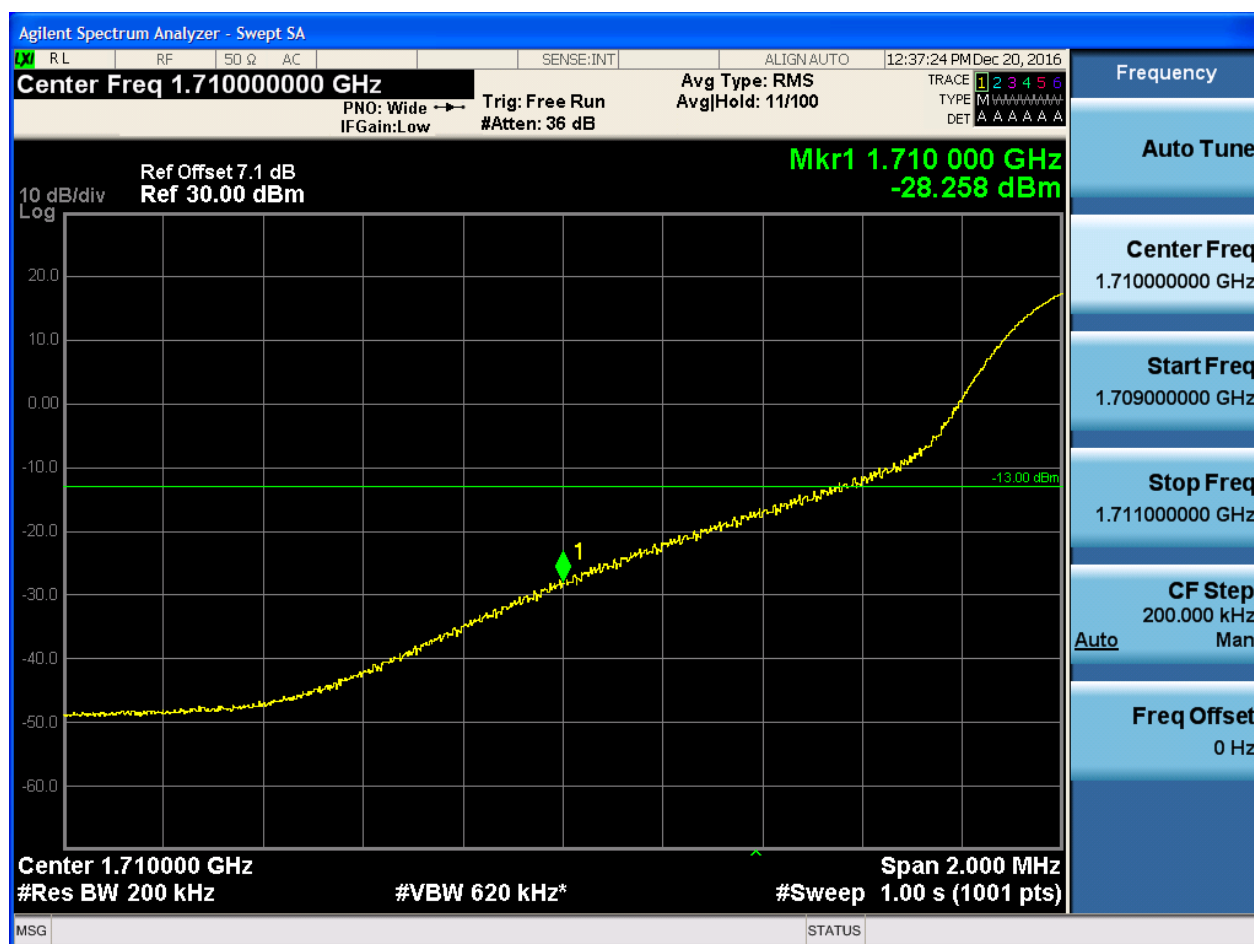
5.1.1.1.5.2.4 Test RB = RB75#0



5.1.1.1.6 Test Bandwidth = 20

5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



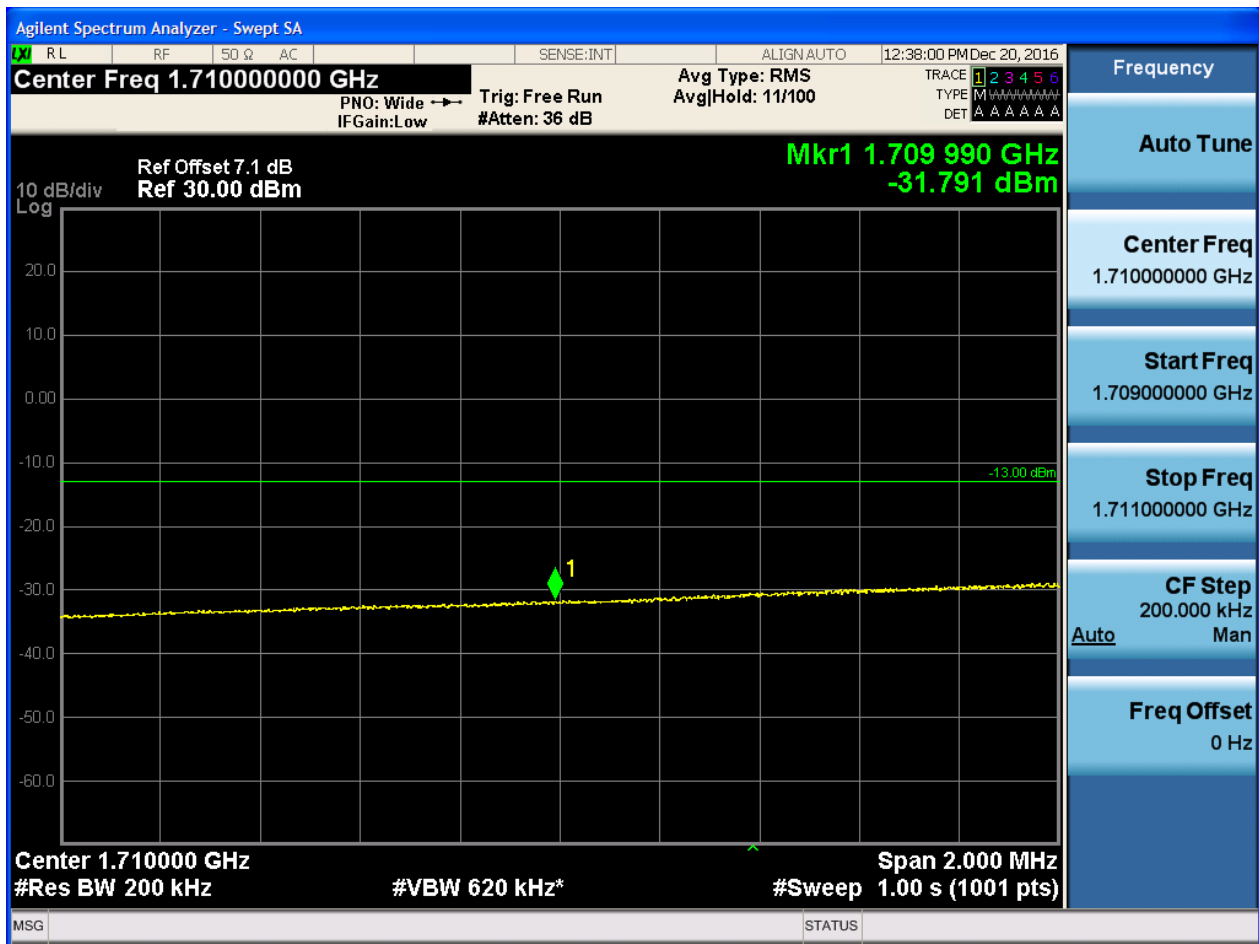


5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





5.1.1.1.6.1.4 Test RB = RB100#0





5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0



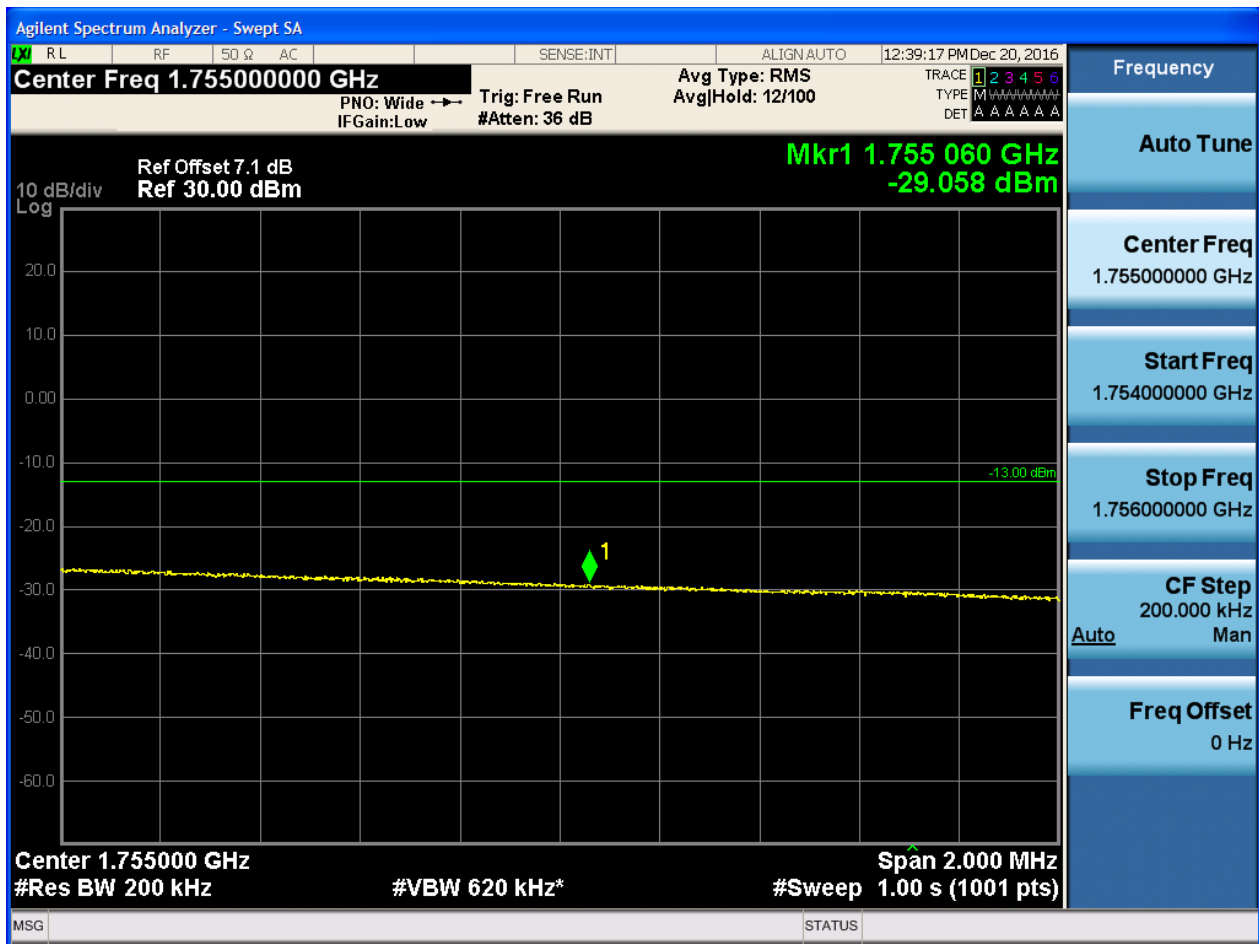


5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0





5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0

