



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	22.3	21.39	30	PASS
				RB1#3	22.42	21.46	30	PASS
				RB1#5	22.24	21.22	30	PASS
				RB3#0	22.32	21.32	30	PASS
				RB3#2	22.29	21.48	30	PASS
				RB3#3	22.22	21.06	30	PASS
				RB6#0	21.22	20.17	30	PASS
			MCH	RB1#0	22.59	21.69	30	PASS
				RB1#3	22.62	21.81	30	PASS
				RB1#5	22.47	21.36	30	PASS
				RB3#0	22.55	21.50	30	PASS
				RB3#2	22.54	21.56	30	PASS
				RB3#3	22.52	21.47	30	PASS
				RB6#0	21.56	20.46	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.32	21.32	30	PASS
				RB1#3	22.36	21.20	30	PASS
				RB1#5	22.22	21.37	30	PASS
				RB3#0	22.31	21.47	30	PASS
				RB3#2	22.27	21.37	30	PASS
				RB3#3	22.24	21.15	30	PASS
				RB6#0	21.3	20.36	30	PASS
		3	LCH	RB1#0	22.08	21.23	30	PASS
				RB1#7	22.32	21.38	30	PASS
				RB1#14	22.13	21.03	30	PASS
				RB8#0	21.19	20.18	30	PASS
				RB8#4	21.23	20.13	30	PASS
				RB8#7	21.18	20.00	30	PASS
				RB15#0	21.18	20.18	30	PASS
			MCH	RB1#0	22.37	21.32	30	PASS
				RB1#7	22.65	21.65	30	PASS
				RB1#14	22.27	21.19	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.47	20.64	30	PASS
				RB8#4	21.53	20.38	30	PASS
				RB8#7	21.42	20.34	30	PASS
				RB15#0	21.48	20.60	30	PASS
			HCH	RB1#0	22.28	21.20	30	PASS
				RB1#7	22.48	21.32	30	PASS
				RB1#14	22.07	21.26	30	PASS
				RB8#0	21.3	20.48	30	PASS
				RB8#4	21.34	20.21	30	PASS
				RB8#7	21.25	20.06	30	PASS
				RB15#0	21.3	20.20	30	PASS
		5	LCH	RB1#0	22.1	21.00	30	PASS
				RB1#13	22.51	21.56	30	PASS
				RB1#24	22.09	21.28	30	PASS
				RB12#0	21.21	20.32	30	PASS
				RB12#6	21.34	20.37	30	PASS
				RB12#13	21.24	20.28	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.15	20.07	30	PASS
			MCH	RB1#0	22.36	21.47	30	PASS
				RB1#13	22.66	21.61	30	PASS
				RB1#24	22.13	21.25	30	PASS
				RB12#0	21.46	20.66	30	PASS
				RB12#6	21.57	20.47	30	PASS
				RB12#13	21.38	20.22	30	PASS
				RB25#0	21.42	20.25	30	PASS
			HCH	RB1#0	22.34	21.15	30	PASS
				RB1#13	22.43	21.63	30	PASS
				RB1#24	21.94	20.76	30	PASS
				RB12#0	21.39	20.39	30	PASS
				RB12#6	21.42	20.48	30	PASS
				RB12#13	21.21	20.37	30	PASS
				RB25#0	21.4	20.30	30	PASS
		10	LCH	RB1#0	21.95	21.07	30	PASS
				RB1#25	22.53	21.72	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.1	20.98	30	PASS
				RB25#0	21.17	20.05	30	PASS
				RB25#13	21.29	20.42	30	PASS
				RB25#25	21.27	20.13	30	PASS
				RB50#0	21.23	20.07	30	PASS
			MCH	RB1#0	22.31	21.29	30	PASS
				RB1#25	22.62	21.66	30	PASS
				RB1#49	22.16	21.14	30	PASS
				RB25#0	21.47	20.38	30	PASS
				RB25#13	21.45	20.47	30	PASS
				RB25#25	21.29	20.11	30	PASS
				RB50#0	21.34	20.28	30	PASS
			HCH	RB1#0	22.17	20.97	30	PASS
				RB1#25	22.55	21.61	30	PASS
				RB1#49	21.86	20.84	30	PASS
				RB25#0	21.43	20.29	30	PASS
				RB25#13	21.42	20.47	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.26	20.26	30	PASS
				RB50#0	21.37	20.34	30	PASS
		15	LCH	RB1#0	22.07	21.04	30	PASS
				RB1#38	22.61	21.72	30	PASS
				RB1#74	22.23	21.09	30	PASS
				RB38#0	21.33	20.16	30	PASS
				RB38#19	21.4	20.51	30	PASS
				RB38#39	21.38	20.45	30	PASS
				RB75#0	21.3	20.33	30	PASS
			MCH	RB1#0	22.41	21.31	30	PASS
				RB1#38	22.61	21.74	30	PASS
				RB1#74	22.26	21.42	30	PASS
				RB38#0	21.55	20.58	30	PASS
				RB38#19	21.55	20.49	30	PASS
				RB38#39	21.45	20.62	30	PASS
				RB75#0	21.41	20.39	30	PASS
			HCH	RB1#0	22.3	21.16	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.5	21.41	30	PASS
				RB1#74	22.03	21.14	30	PASS
				RB38#0	21.43	20.60	30	PASS
				RB38#19	21.55	20.44	30	PASS
				RB38#39	21.44	20.25	30	PASS
				RB75#0	21.43	20.45	30	PASS
		20	LCH	RB1#0	22.14	21.32	30	PASS
				RB1#50	22.6	21.64	30	PASS
				RB1#99	22.31	21.42	30	PASS
				RB50#0	21.31	20.37	30	PASS
				RB50#25	21.4	20.54	30	PASS
				RB50#50	21.42	20.34	30	PASS
				RB100#0	21.32	20.22	30	PASS
			MCH	RB1#0	22.3	21.23	30	PASS
				RB1#50	22.66	21.79	30	PASS
				RB1#99	22.16	21.31	30	PASS
				RB50#0	21.52	20.61	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.46	20.32	30	PASS
				RB50#50	21.42	20.40	30	PASS
				RB100#0	21.43	20.39	30	PASS
			HCH	RB1#0	22.28	21.20	30	PASS
				RB1#50	22.58	21.41	30	PASS
				RB1#99	22.01	21.13	30	PASS
				RB50#0	21.44	20.27	30	PASS
				RB50#25	21.4	20.47	30	PASS
				RB50#50	21.42	20.33	30	PASS
				RB100#0	21.48	20.39	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.22	20.34	30	PASS
				RB1#3	21.33	20.22	30	PASS
				RB1#5	21.18	20.29	30	PASS
				RB3#0	21.32	20.26	30	PASS
				RB3#2	21.24	20.06	30	PASS
				RB3#3	21.26	20.33	30	PASS
				RB6#0	20.72	19.56	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.73	20.66	30	PASS
				RB1#3	21.52	20.39	30	PASS
				RB1#5	21.64	20.83	30	PASS
				RB3#0	21.55	20.46	30	PASS
				RB3#2	21.54	20.35	30	PASS
				RB3#3	21.49	20.40	30	PASS
				RB6#0	21.05	20.18	30	PASS
			HCH	RB1#0	21.44	20.24	30	PASS
				RB1#3	21.48	20.63	30	PASS
				RB1#5	21.37	20.40	30	PASS
				RB3#0	21.37	20.39	30	PASS
				RB3#2	21.41	20.27	30	PASS
				RB3#3	21.4	20.47	30	PASS
				RB6#0	20.83	20.02	30	PASS
		3	LCH	RB1#0	21.06	20.13	30	PASS
				RB1#7	21.33	20.23	30	PASS
				RB1#14	21.1	20.25	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.75	19.82	30	PASS
				RB8#4	20.76	19.74	30	PASS
				RB8#7	20.72	19.78	30	PASS
				RB15#0	20.59	19.67	30	PASS
			MCH	RB1#0	21.41	20.33	30	PASS
				RB1#7	21.67	20.65	30	PASS
				RB1#14	21.25	20.17	30	PASS
				RB8#0	21.03	19.87	30	PASS
				RB8#4	21.08	20.09	30	PASS
				RB8#7	20.96	20.06	30	PASS
				RB15#0	20.82	19.89	30	PASS
			HCH	RB1#0	21.53	20.55	30	PASS
				RB1#7	21.73	20.87	30	PASS
				RB1#14	21.28	20.43	30	PASS
				RB8#0	20.85	20.05	30	PASS
				RB8#4	20.91	20.10	30	PASS
				RB8#7	20.81	19.86	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB15#0	20.82	19.63	30	PASS
				RB1#0	21.08	20.18	30	PASS
				RB1#13	21.46	20.27	30	PASS
				RB1#24	21.07	20.25	30	PASS
				RB12#0	20.72	19.92	30	PASS
				RB12#6	20.85	19.85	30	PASS
				RB12#13	20.77	19.84	30	PASS
				RB25#0	20.67	19.57	30	PASS
			MCH	RB1#0	21.37	20.32	30	PASS
				RB1#13	21.63	20.46	30	PASS
				RB1#24	21.16	20.31	30	PASS
				RB12#0	20.97	20.00	30	PASS
				RB12#6	21.08	20.10	30	PASS
				RB12#13	20.89	19.82	30	PASS
				RB25#0	20.94	19.96	30	PASS
			HCH	RB1#0	21.48	20.54	30	PASS
				RB1#13	21.61	20.72	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.13	20.08	30	PASS
				RB12#0	20.8	19.90	30	PASS
				RB12#6	20.89	19.74	30	PASS
				RB12#13	20.67	19.79	30	PASS
				RB25#0	20.89	19.90	30	PASS
		10	LCH	RB1#0	21.24	20.15	30	PASS
				RB1#25	21.75	20.93	30	PASS
				RB1#49	21.37	20.40	30	PASS
				RB25#0	20.67	19.79	30	PASS
				RB25#13	20.79	19.62	30	PASS
				RB25#25	20.76	19.58	30	PASS
				RB50#0	20.74	19.80	30	PASS
			MCH	RB1#0	21.44	20.40	30	PASS
				RB1#25	21.74	20.68	30	PASS
				RB1#49	21.22	20.27	30	PASS
				RB25#0	20.97	19.80	30	PASS
				RB25#13	20.96	19.98	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.8	19.95	30	PASS
				RB50#0	20.83	19.69	30	PASS
			HCH	RB1#0	21.39	20.43	30	PASS
				RB1#25	21.74	20.84	30	PASS
				RB1#49	21.1	20.24	30	PASS
				RB25#0	20.89	19.81	30	PASS
				RB25#13	20.89	19.93	30	PASS
				RB25#25	20.79	19.84	30	PASS
				RB50#0	20.83	19.95	30	PASS
		15	LCH	RB1#0	21.25	20.29	30	PASS
				RB1#38	21.79	20.81	30	PASS
				RB1#74	21.45	20.44	30	PASS
				RB38#0	20.81	19.78	30	PASS
				RB38#19	20.89	19.93	30	PASS
				RB38#39	20.87	19.70	30	PASS
				RB75#0	20.77	19.96	30	PASS
			MCH	RB1#0	21.66	20.47	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.85	20.70	30	PASS
				RB1#74	21.65	20.71	30	PASS
				RB38#0	21.07	20.23	30	PASS
				RB38#19	21.07	20.14	30	PASS
				RB38#39	20.97	20.12	30	PASS
				RB75#0	20.87	20.07	30	PASS
			HCH	RB1#0	21.52	20.49	30	PASS
				RB1#38	21.77	20.74	30	PASS
				RB1#74	21.23	20.06	30	PASS
				RB38#0	20.88	19.83	30	PASS
				RB38#19	21	20.19	30	PASS
				RB38#39	20.97	19.94	30	PASS
				RB75#0	20.86	19.89	30	PASS
		20	LCH	RB1#0	21.22	20.38	30	PASS
				RB1#50	21.73	20.67	30	PASS
				RB1#99	21.5	20.58	30	PASS
				RB50#0	20.81	19.90	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.9	19.93	30	PASS
				RB50#50	20.92	20.00	30	PASS
				RB100#0	20.82	20.02	30	PASS
			MCH	RB1#0	21.39	20.36	30	PASS
				RB1#50	21.76	20.63	30	PASS
				RB1#99	21.38	20.54	30	PASS
				RB50#0	20.96	20.08	30	PASS
				RB50#25	20.9	19.96	30	PASS
				RB50#50	20.87	19.73	30	PASS
				RB100#0	20.85	19.73	30	PASS
			HCH	RB1#0	21.54	20.47	30	PASS
				RB1#50	21.91	20.71	30	PASS
				RB1#99	21.35	20.33	30	PASS
				RB50#0	20.86	19.84	30	PASS
				RB50#25	20.82	19.98	30	PASS
				RB50#50	20.83	19.83	30	PASS
				RB100#0	20.93	19.83	30	PASS

Note1:

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

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

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

b, SGP=Signal Generator Level

Note2:

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

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

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

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

Detector:RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.92	13	PASS
				RB1#3	4.71	13	PASS
				RB1#5	4.69	13	PASS
				RB3#0	5.28	13	PASS
				RB3#2	5.29	13	PASS
				RB3#3	5.33	13	PASS
				RB6#0	5.69	13	PASS
			MCH	RB1#0	4.66	13	PASS
				RB1#3	4.52	13	PASS
				RB1#5	4.51	13	PASS
				RB3#0	4.97	13	PASS
				RB3#2	4.84	13	PASS
				RB3#3	5.02	13	PASS
				RB6#0	5.71	13	PASS
			HCH	RB1#0	4.79	13	PASS
				RB1#3	4.75	13	PASS
				RB1#5	4.8	13	PASS
				RB3#0	4.96	13	PASS
				RB3#2	5.16	13	PASS
				RB3#3	4.88	13	PASS
				RB6#0	5.91	13	PASS
		3	LCH	RB1#0	5.04	13	PASS
				RB1#7	4.61	13	PASS
				RB1#14	4.85	13	PASS
				RB8#0	5.6	13	PASS
				RB8#4	5.69	13	PASS
				RB8#7	5.64	13	PASS
				RB15#0	5.73	13	PASS
			MCH	RB1#0	4.69	13	PASS
				RB1#7	4.44	13	PASS
				RB1#14	4.58	13	PASS
				RB8#0	5.54	13	PASS
				RB8#4	5.48	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.58	13	PASS
				RB15#0	5.61	13	PASS
			HCH	RB1#0	4.57	13	PASS
				RB1#7	4.37	13	PASS
				RB1#14	4.66	13	PASS
				RB8#0	5.72	13	PASS
				RB8#4	5.76	13	PASS
				RB8#7	5.76	13	PASS
				RB15#0	5.81	13	PASS
		5	LCH	RB1#0	5.08	13	PASS
				RB1#13	4.94	13	PASS
				RB1#24	5.02	13	PASS
				RB12#0	5.71	13	PASS
				RB12#6	5.67	13	PASS
				RB12#13	5.68	13	PASS
				RB25#0	6.12	13	PASS
			MCH	RB1#0	4.74	13	PASS
				RB1#13	4.56	13	PASS
				RB1#24	4.79	13	PASS
				RB12#0	5.63	13	PASS
				RB12#6	5.45	13	PASS
				RB12#13	5.62	13	PASS
				RB25#0	5.93	13	PASS
			HCH	RB1#0	4.54	13	PASS
				RB1#13	4.54	13	PASS
				RB1#24	4.75	13	PASS
				RB12#0	5.75	13	PASS
				RB12#6	5.67	13	PASS
				RB12#13	5.79	13	PASS
				RB25#0	6.01	13	PASS
		10	LCH	RB1#0	4.99	13	PASS
				RB1#25	4.71	13	PASS
				RB1#49	4.9	13	PASS
				RB25#0	5.93	13	PASS
				RB25#13	5.87	13	PASS
				RB25#25	5.94	13	PASS
				RB50#0	6.09	13	PASS
			MCH	RB1#0	4.72	13	PASS
				RB1#25	4.51	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.76	13	PASS
				RB25#0	5.65	13	PASS
				RB25#13	5.62	13	PASS
				RB25#25	5.69	13	PASS
				RB50#0	6.02	13	PASS
			HCH	RB1#0	4.43	13	PASS
				RB1#25	4.27	13	PASS
				RB1#49	4.49	13	PASS
				RB25#0	5.85	13	PASS
				RB25#13	5.84	13	PASS
				RB25#25	5.89	13	PASS
				RB50#0	6.1	13	PASS
		15	LCH	RB1#0	4.72	13	PASS
				RB1#38	4.6	13	PASS
				RB1#74	4.65	13	PASS
				RB38#0	5.83	13	PASS
				RB38#19	5.85	13	PASS
				RB38#39	5.84	13	PASS
				RB75#0	6.3	13	PASS
			MCH	RB1#0	4.83	13	PASS
				RB1#38	4.66	13	PASS
				RB1#74	4.86	13	PASS
				RB38#0	5.69	13	PASS
				RB38#19	5.6	13	PASS
				RB38#39	5.68	13	PASS
				RB75#0	6.28	13	PASS
			HCH	RB1#0	5.07	13	PASS
				RB1#38	4.77	13	PASS
				RB1#74	5.04	13	PASS
				RB38#0	5.9	13	PASS
				RB38#19	5.81	13	PASS
				RB38#39	5.81	13	PASS
				RB75#0	6.34	13	PASS
		20	LCH	RB1#0	5.08	13	PASS
				RB1#50	4.77	13	PASS
				RB1#99	4.8	13	PASS
				RB50#0	5.96	13	PASS
				RB50#25	5.94	13	PASS
				RB50#50	5.89	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	6.27	13	PASS
			MCH	RB1#0	5.04	13	PASS
				RB1#50	4.78	13	PASS
				RB1#99	4.92	13	PASS
				RB50#0	5.76	13	PASS
				RB50#25	5.7	13	PASS
				RB50#50	5.68	13	PASS
				RB100#0	6.29	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#50	4.53	13	PASS
				RB1#99	4.79	13	PASS
				RB50#0	6.11	13	PASS
				RB50#25	5.99	13	PASS
				RB50#50	5.98	13	PASS
				RB100#0	6.27	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.64	13	PASS
				RB1#3	5.97	13	PASS
				RB1#5	5.61	13	PASS
				RB3#0	6.08	13	PASS
				RB3#2	6.05	13	PASS
				RB3#3	6.07	13	PASS
				RB6#0	6.47	13	PASS
			MCH	RB1#0	5.49	13	PASS
				RB1#3	5.59	13	PASS
				RB1#5	5.5	13	PASS
				RB3#0	5.72	13	PASS
				RB3#2	5.65	13	PASS
				RB3#3	5.81	13	PASS
				RB6#0	6.3	13	PASS
			HCH	RB1#0	5.53	13	PASS
				RB1#3	5.58	13	PASS
				RB1#5	5.52	13	PASS
				RB3#0	5.61	13	PASS
				RB3#2	5.74	13	PASS
				RB3#3	5.65	13	PASS
				RB6#0	6.52	13	PASS
		3	LCH	RB1#0	5.5	13	PASS
				RB1#7	5.55	13	PASS
				RB1#14	5.53	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.25	13	PASS
				RB8#4	6.54	13	PASS
				RB8#7	6.42	13	PASS
				RB15#0	6.56	13	PASS
			MCH	RB1#0	5.66	13	PASS
				RB1#7	4.91	13	PASS
				RB1#14	5.35	13	PASS
				RB8#0	6.08	13	PASS
				RB8#4	6.06	13	PASS
				RB8#7	6.17	13	PASS
				RB15#0	6.49	13	PASS
			HCH	RB1#0	5.79	13	PASS
				RB1#7	5.48	13	PASS
				RB1#14	5.82	13	PASS
				RB8#0	6.35	13	PASS
				RB8#4	6.34	13	PASS
				RB8#7	6.22	13	PASS
				RB15#0	6.67	13	PASS
		5	LCH	RB1#0	5.74	13	PASS
				RB1#13	5.73	13	PASS
				RB1#24	5.72	13	PASS
				RB12#0	6.38	13	PASS
				RB12#6	6.39	13	PASS
				RB12#13	6.34	13	PASS
				RB25#0	6.77	13	PASS
			MCH	RB1#0	5.61	13	PASS
				RB1#13	5.47	13	PASS
				RB1#24	5.56	13	PASS
				RB12#0	6.17	13	PASS
				RB12#6	6.14	13	PASS
				RB12#13	6.27	13	PASS
				RB25#0	6.56	13	PASS
			HCH	RB1#0	5.54	13	PASS
				RB1#13	5.57	13	PASS
				RB1#24	5.66	13	PASS
				RB12#0	6.07	13	PASS
				RB12#6	6.3	13	PASS
				RB12#13	6.47	13	PASS
				RB25#0	6.62	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.87	13	PASS
				RB1#25	5.8	13	PASS
				RB1#49	5.96	13	PASS
				RB25#0	6.67	13	PASS
				RB25#13	6.62	13	PASS
				RB25#25	6.56	13	PASS
				RB50#0	6.83	13	PASS
			MCH	RB1#0	5.8	13	PASS
				RB1#25	5.63	13	PASS
				RB1#49	5.85	13	PASS
				RB25#0	6.41	13	PASS
				RB25#13	6.37	13	PASS
				RB25#25	6.53	13	PASS
				RB50#0	6.66	13	PASS
			HCH	RB1#0	5.68	13	PASS
				RB1#25	5.53	13	PASS
				RB1#49	5.84	13	PASS
				RB25#0	6.28	13	PASS
				RB25#13	6.3	13	PASS
				RB25#25	6.57	13	PASS
				RB50#0	7.13	13	PASS
		15	LCH	RB1#0	5.87	13	PASS
				RB1#38	5.73	13	PASS
				RB1#74	5.78	13	PASS
				RB38#0	6.56	13	PASS
				RB38#19	6.56	13	PASS
				RB38#39	6.55	13	PASS
				RB75#0	7.13	13	PASS
			MCH	RB1#0	5.72	13	PASS
				RB1#38	5.72	13	PASS
				RB1#74	5.92	13	PASS
				RB38#0	6.31	13	PASS
				RB38#19	6.26	13	PASS
				RB38#39	6.36	13	PASS
				RB75#0	6.85	13	PASS
			HCH	RB1#0	5.69	13	PASS
				RB1#38	5.49	13	PASS
				RB1#74	5.7	13	PASS
				RB38#0	6.33	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	6.24	13	PASS
				RB38#39	6.52	13	PASS
				RB75#0	6.71	13	PASS
		20	LCH	RB1#0	5.61	13	PASS
				RB1#50	5.3	13	PASS
				RB1#99	5.43	13	PASS
				RB50#0	6.67	13	PASS
				RB50#25	6.61	13	PASS
				RB50#50	6.55	13	PASS
				RB100#0	7.23	13	PASS
			MCH	RB1#0	5.48	13	PASS
				RB1#50	5.25	13	PASS
				RB1#99	5.64	13	PASS
				RB50#0	6.37	13	PASS
				RB50#25	6.35	13	PASS
				RB50#50	6.38	13	PASS
				RB100#0	6.92	13	PASS
			HCH	RB1#0	5.2	13	PASS
				RB1#50	5.14	13	PASS
				RB1#99	5.42	13	PASS
				RB50#0	6.48	13	PASS
				RB50#25	6.24	13	PASS
				RB50#50	6.24	13	PASS
				RB100#0	6.69	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

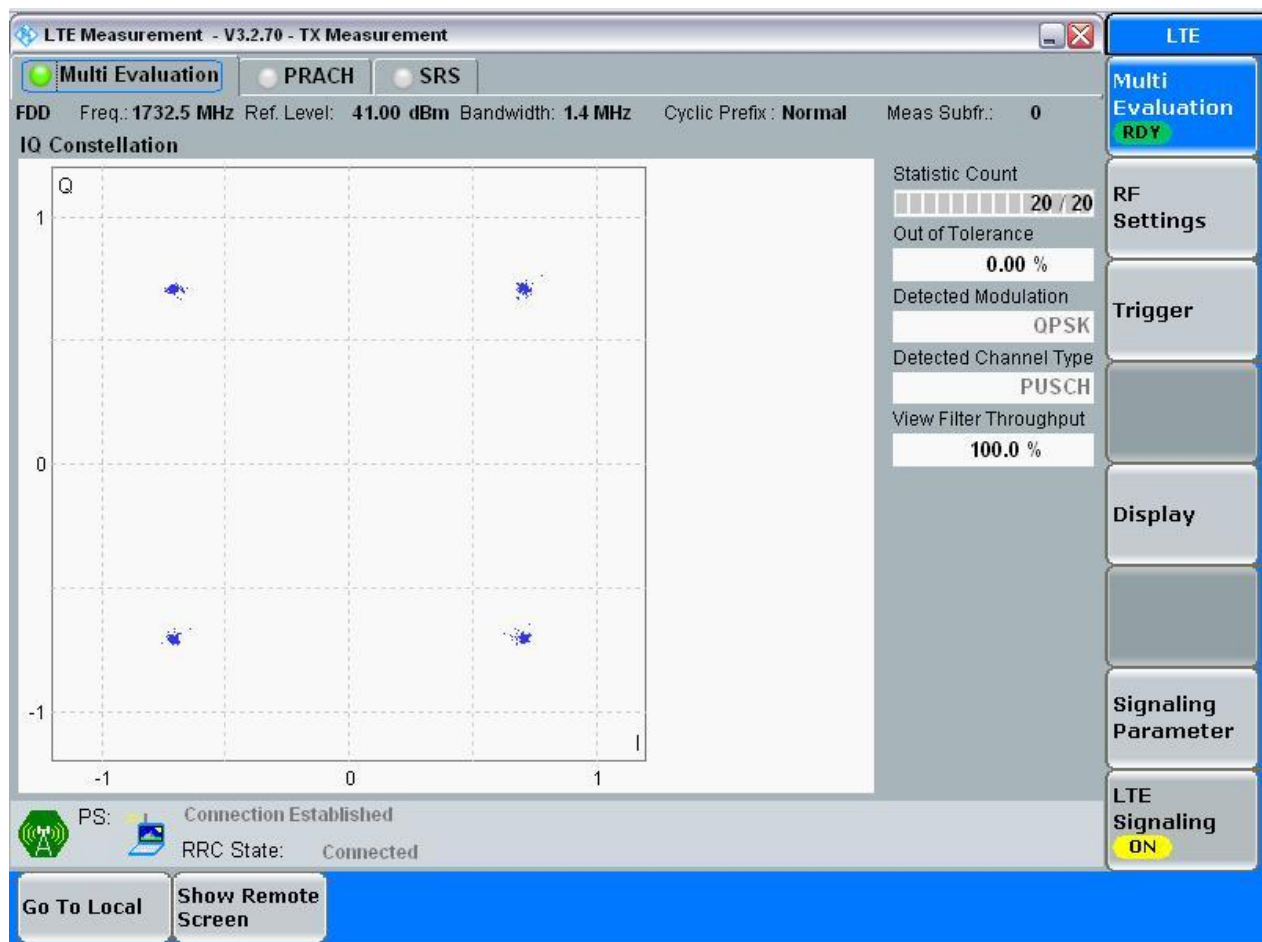
3.1.1 Test Band = BAND4

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

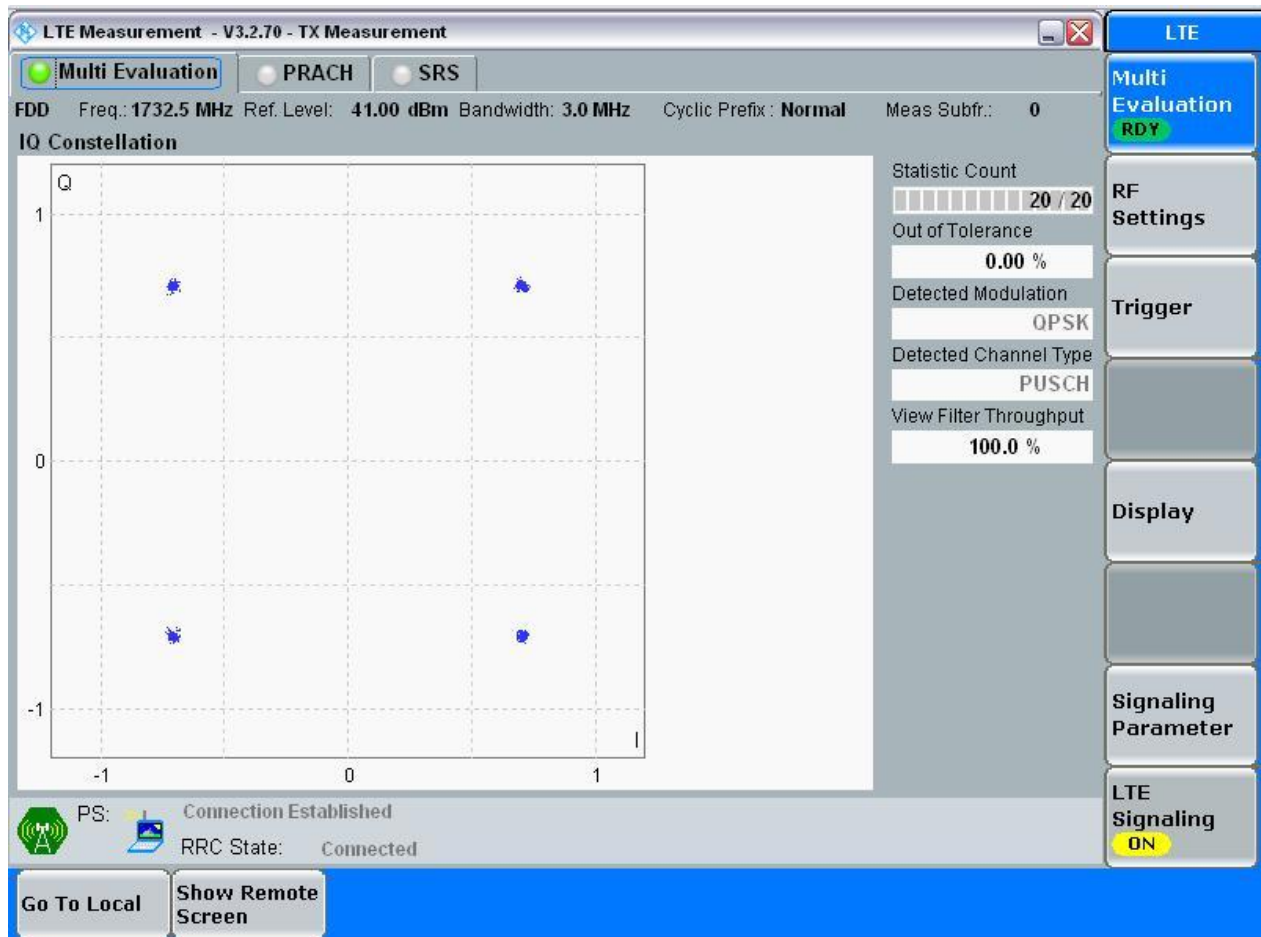
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

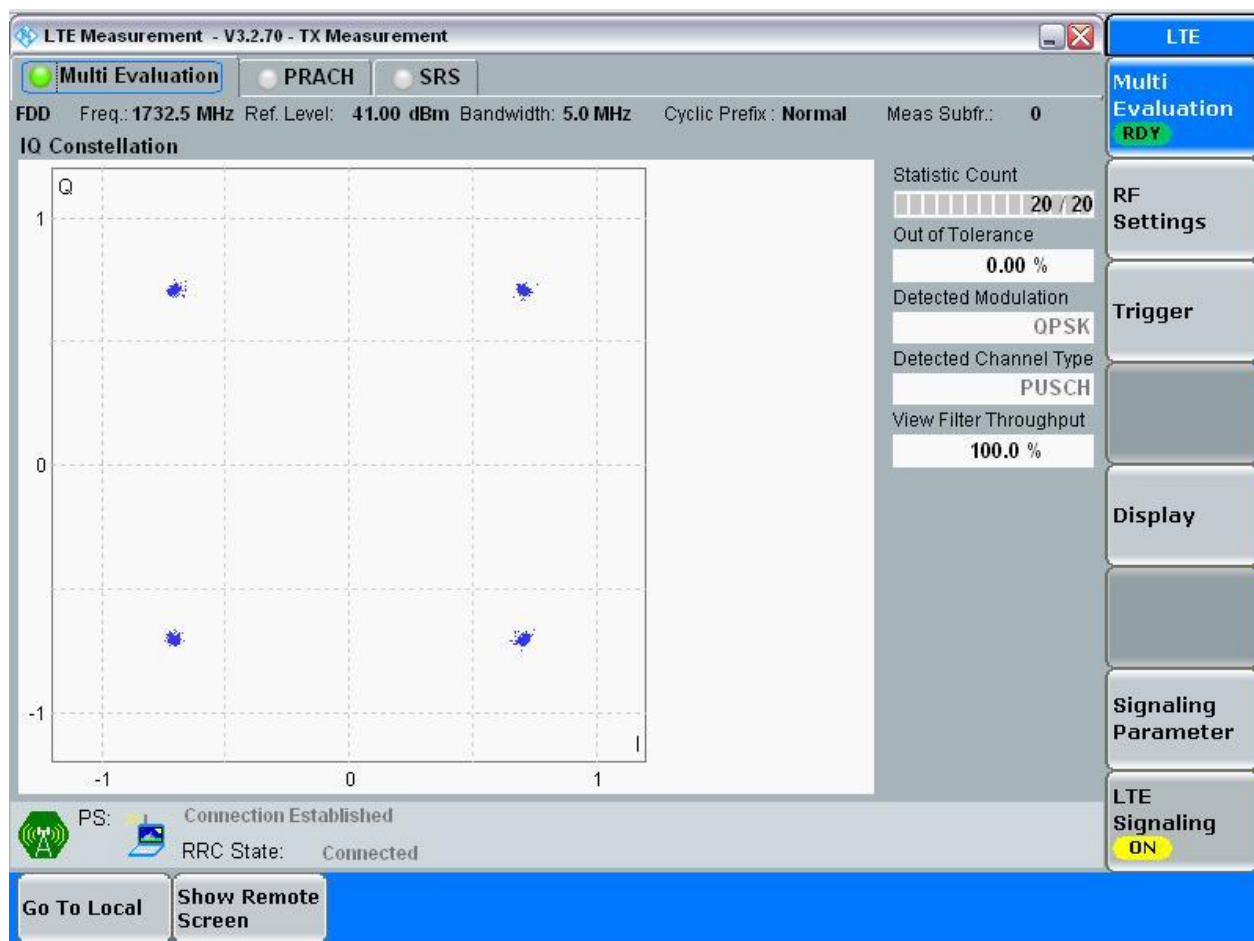
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

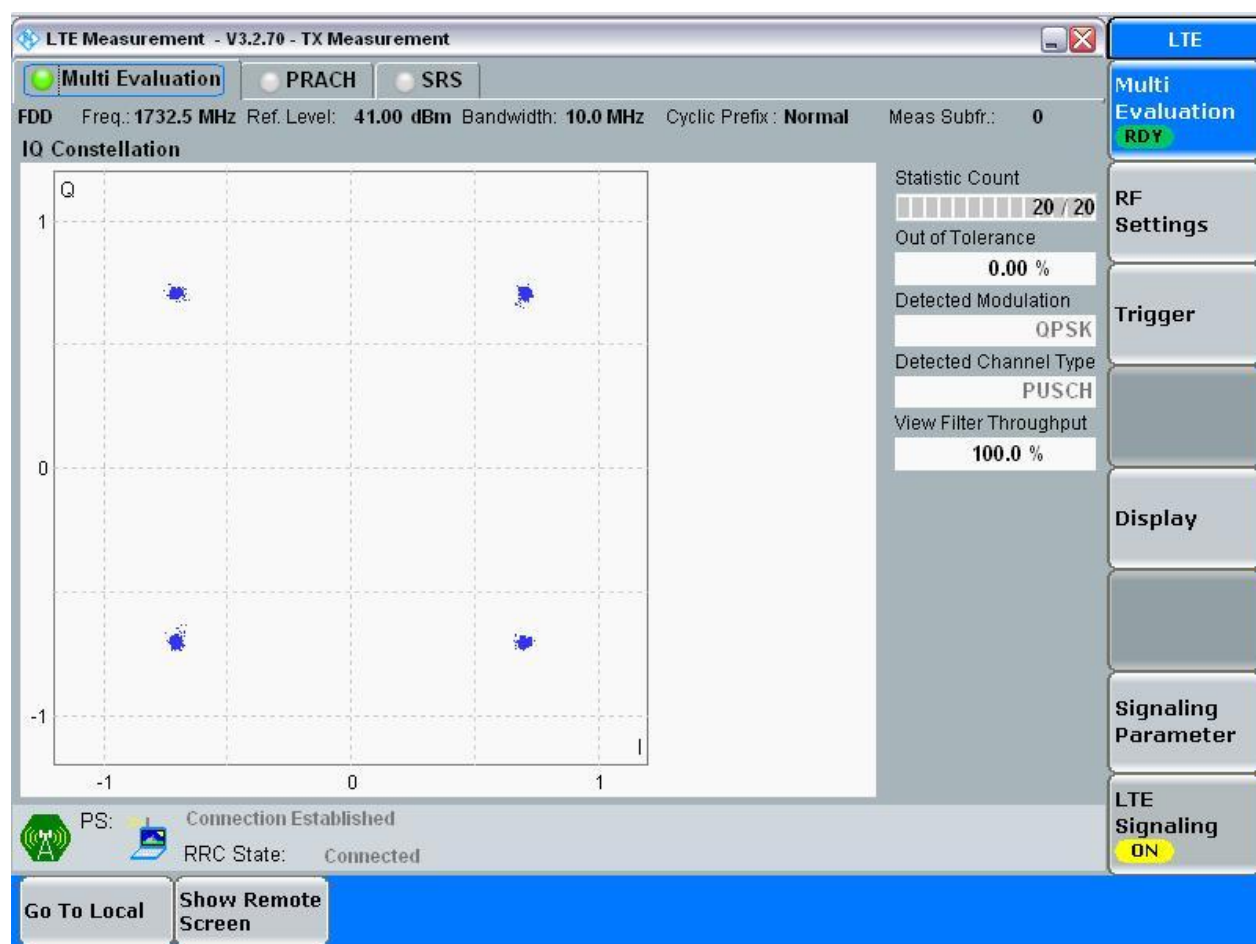
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

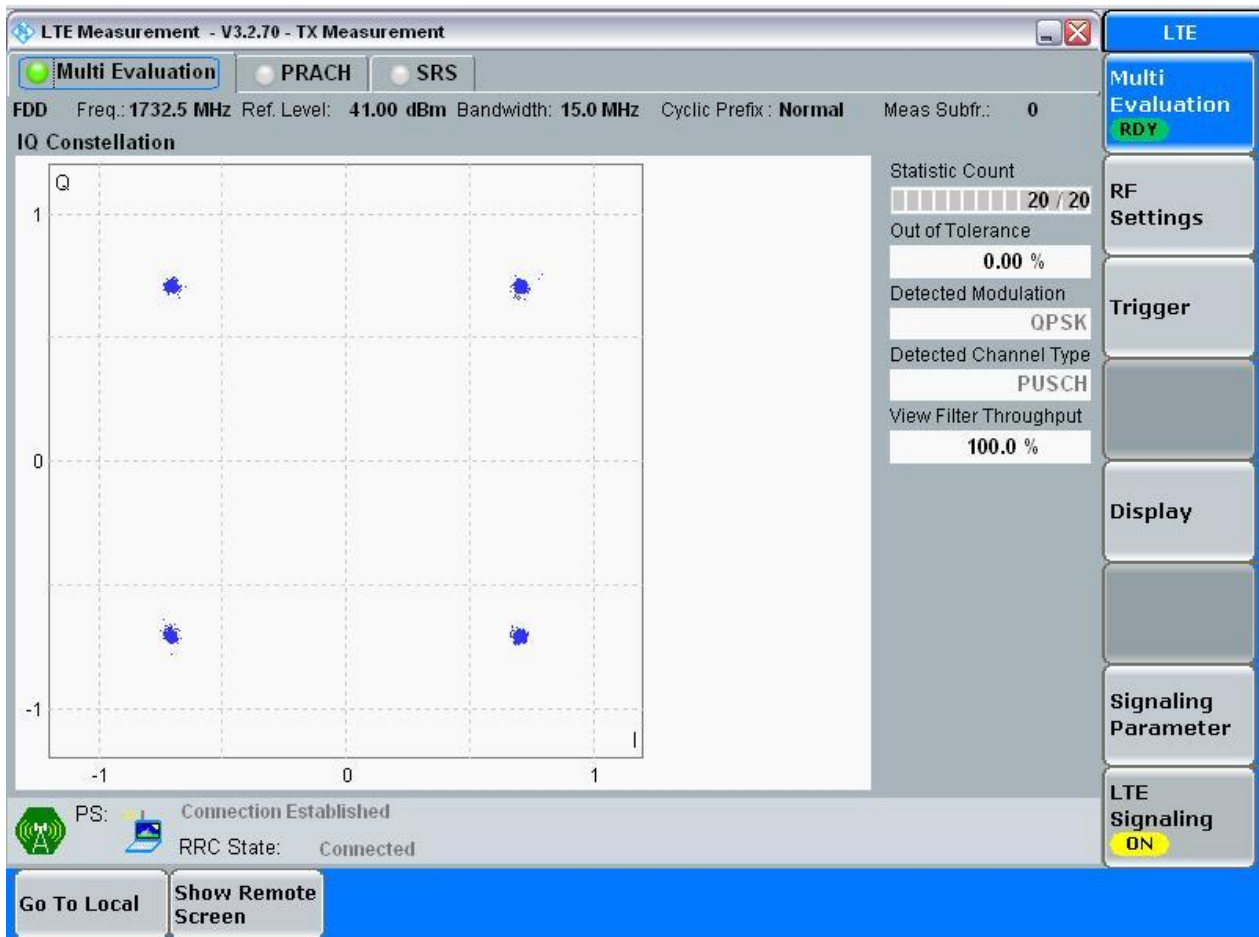
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

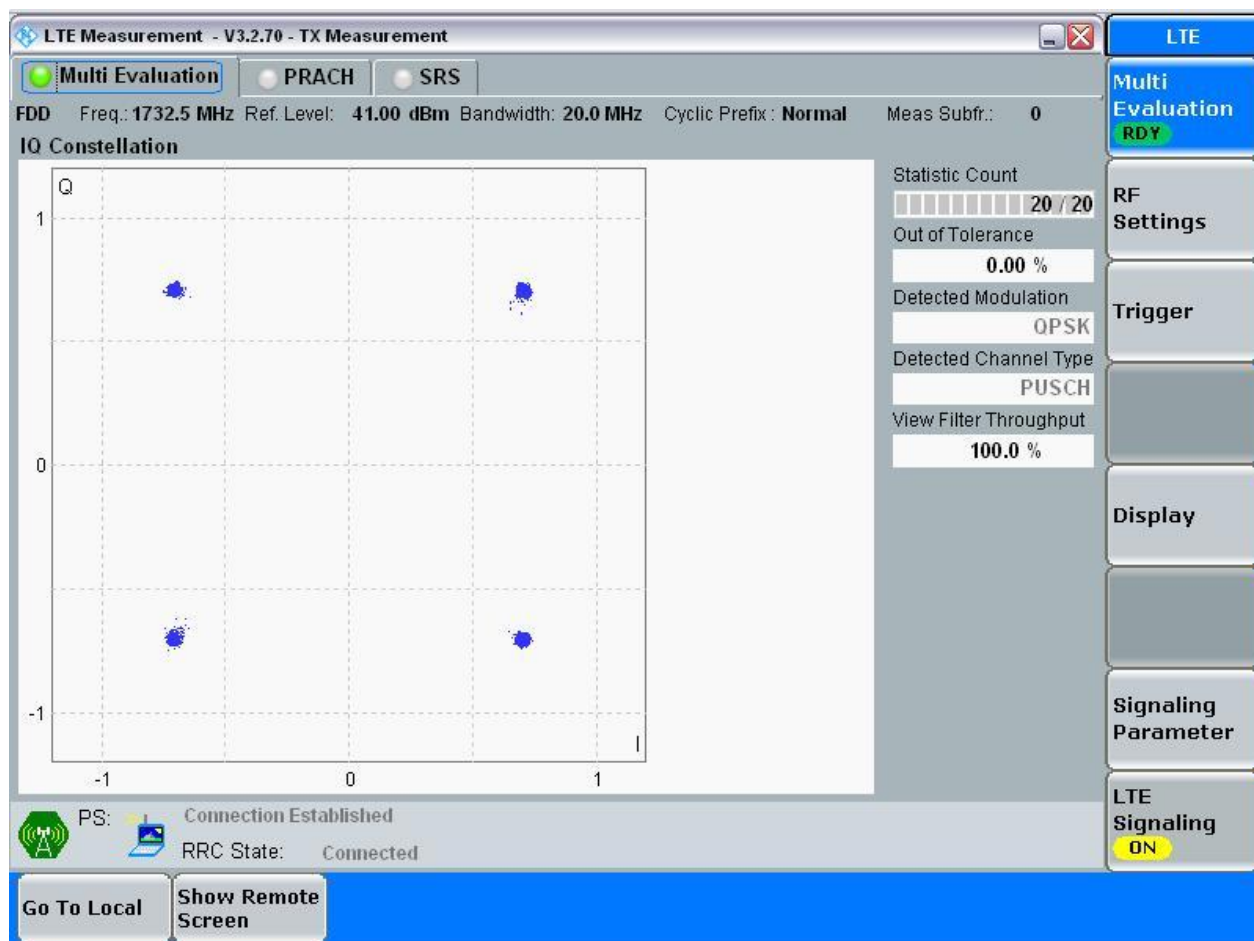
3.1.1.1.5.1.1 Test RB = RB75#0



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

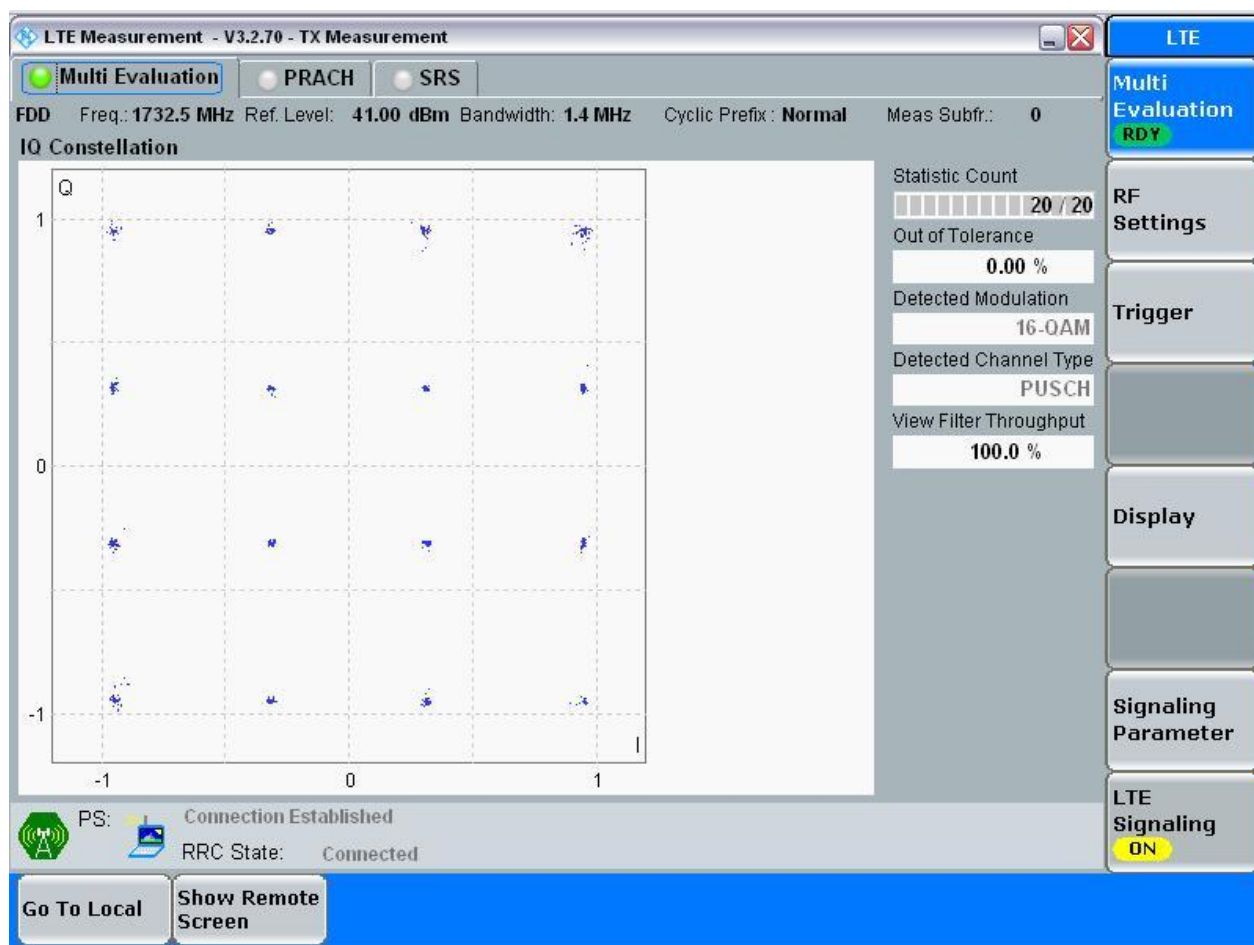


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

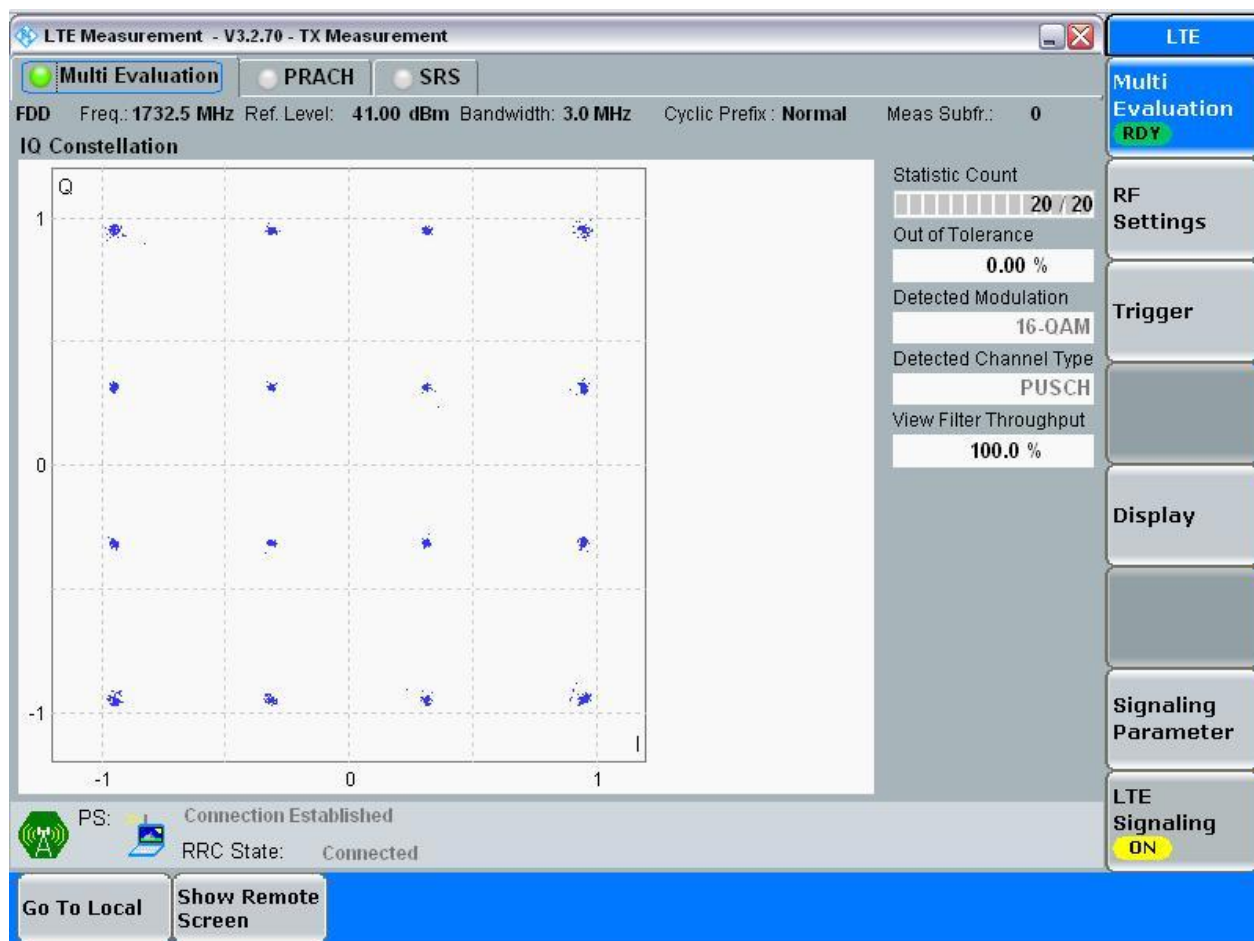
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

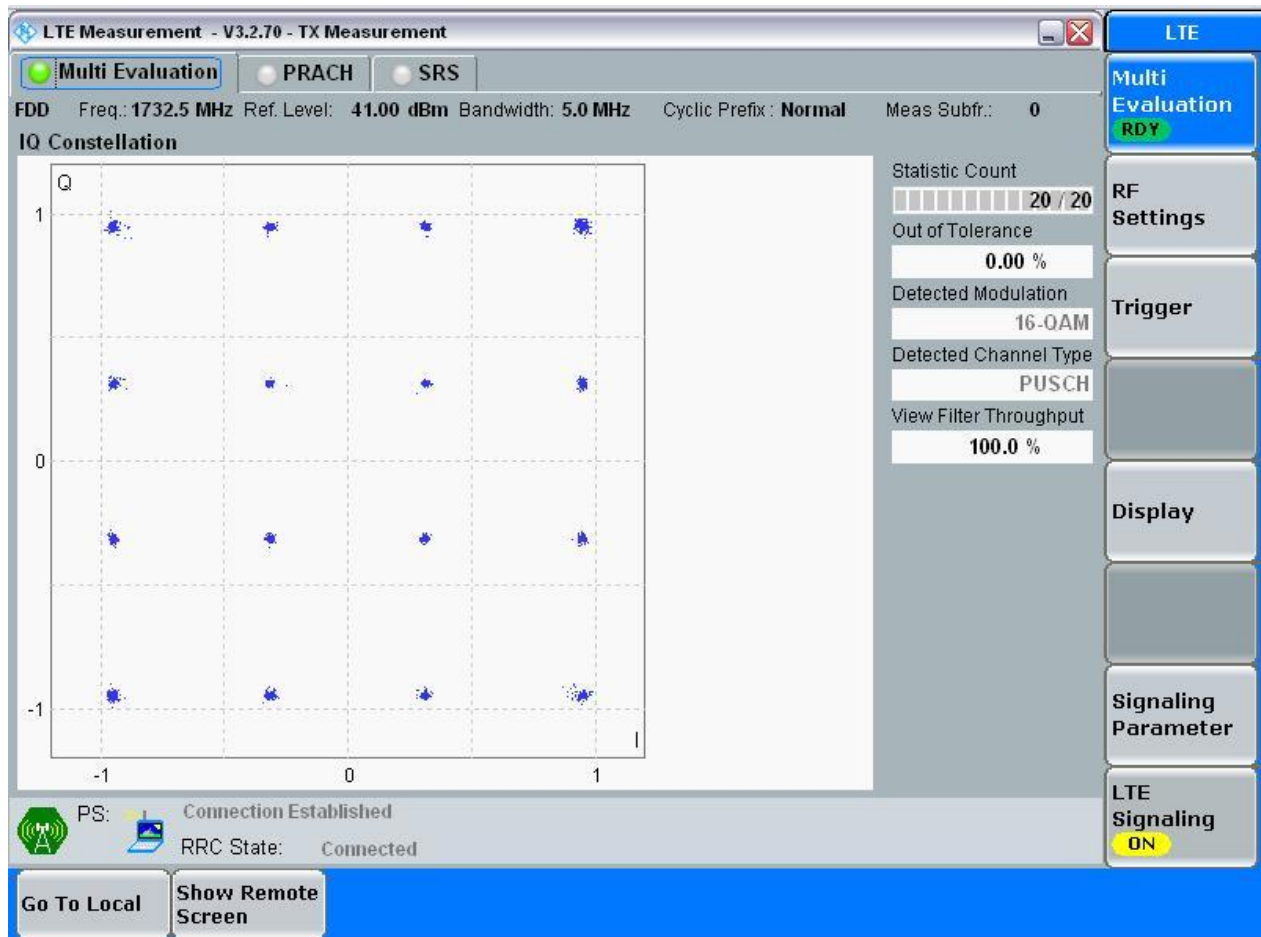
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

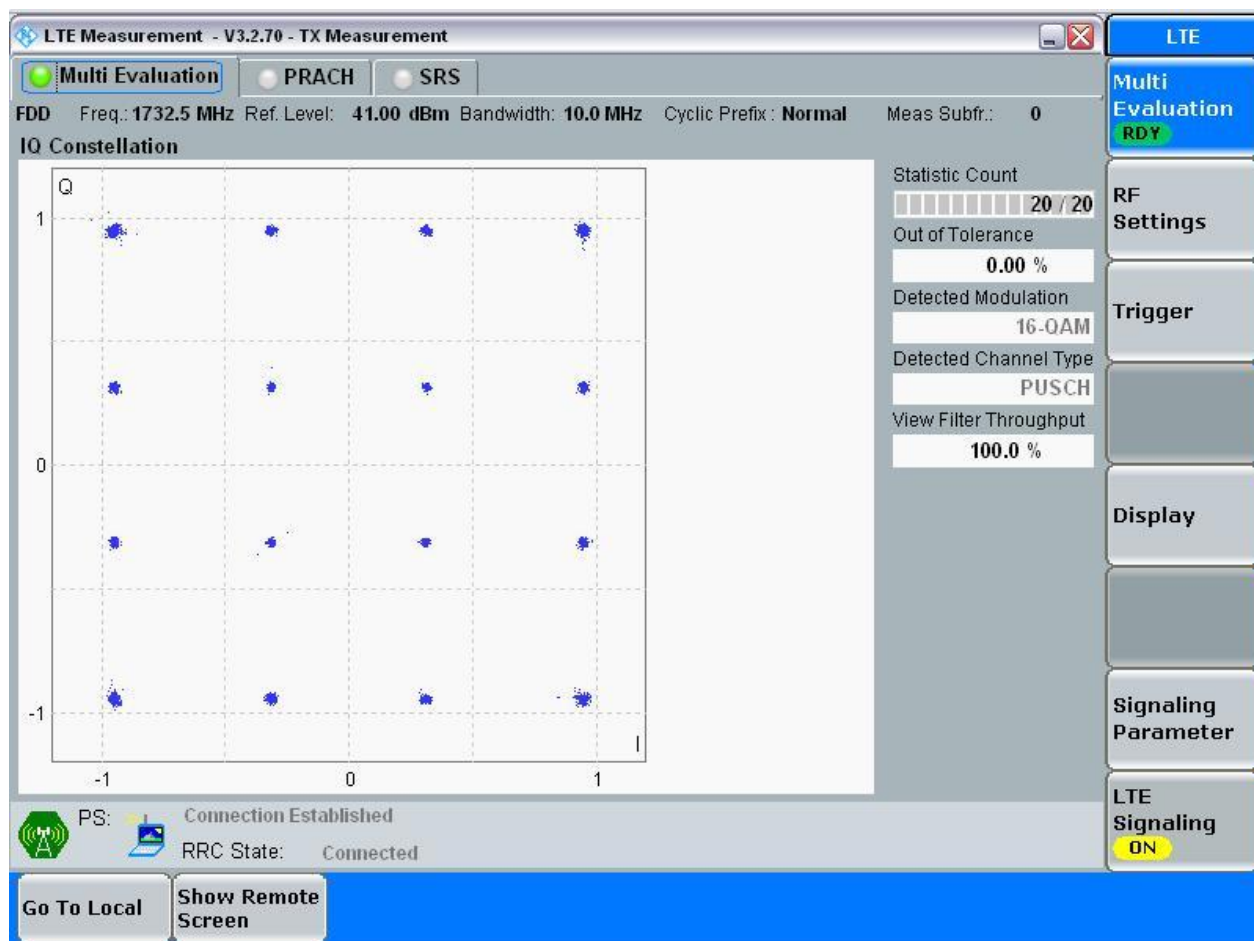
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

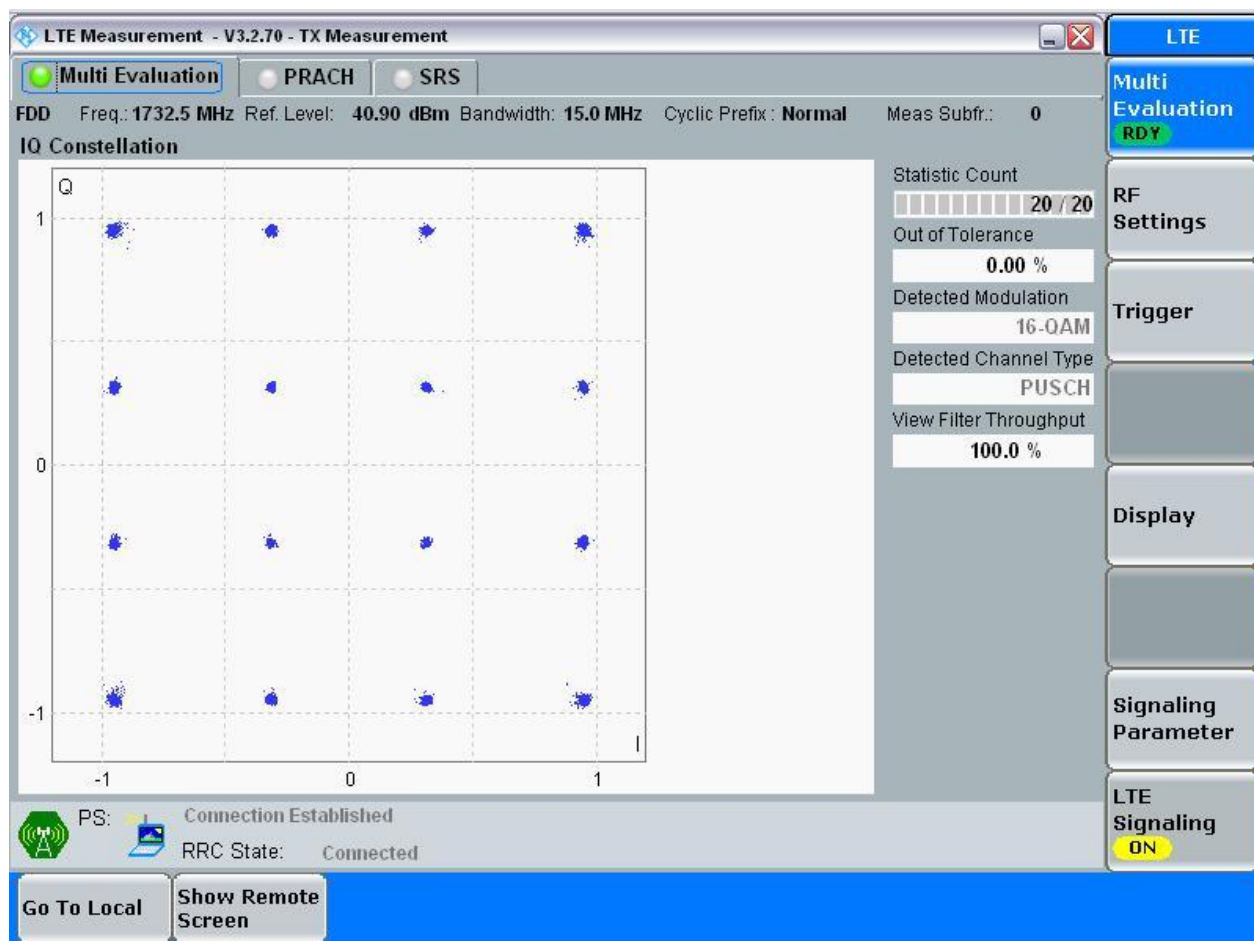
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

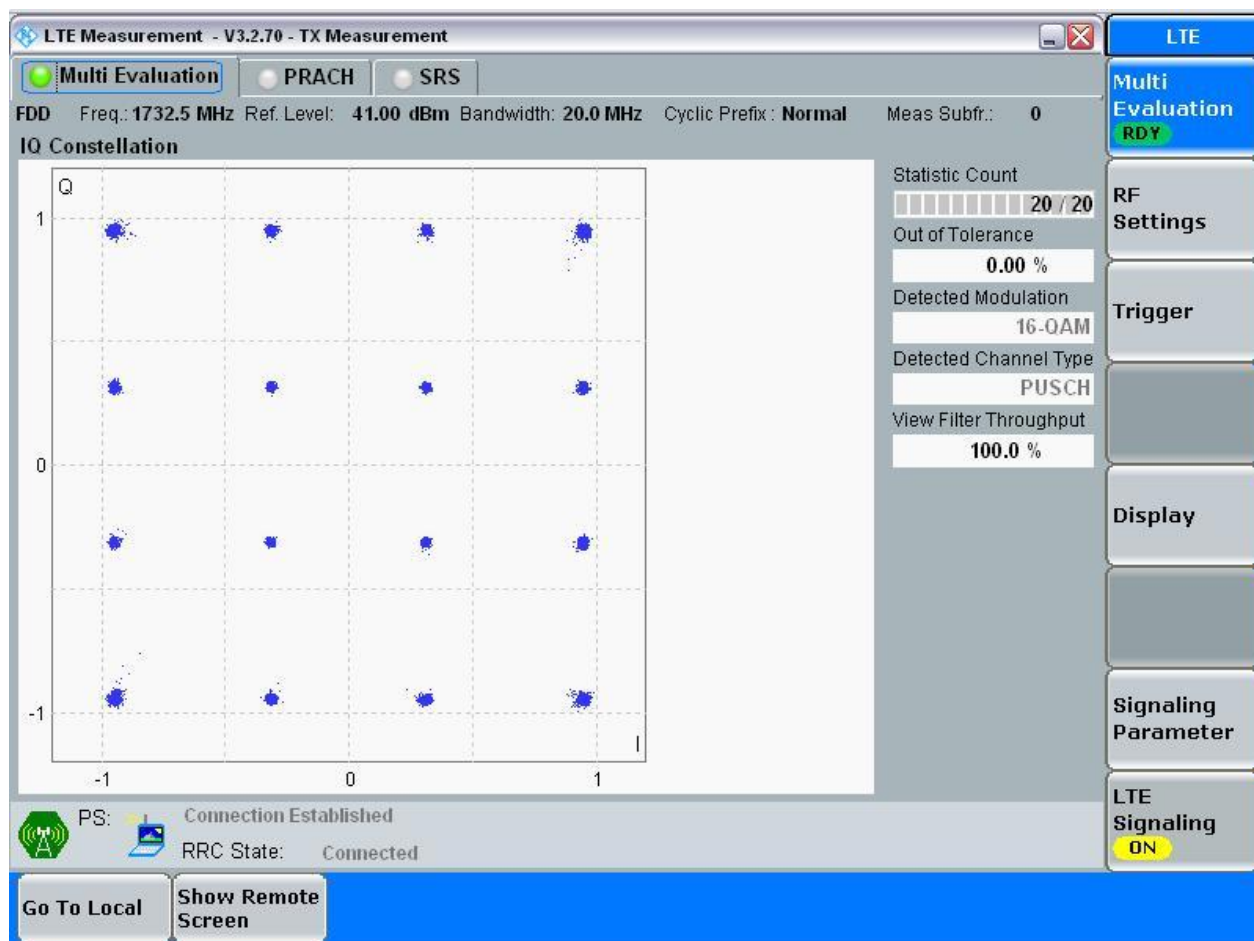
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.72	3.00	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	9.00	9.89	Pass
			MCH	RB50#0	8.97	9.94	Pass
			HCH	RB50#0	8.99	9.91	Pass
		15	LCH	RB75#0	13.52	15.06	Pass
			MCH	RB75#0	13.48	15.03	Pass
			HCH	RB75#0	13.48	15.02	Pass
		20	LCH	RB100#0	17.98	19.76	Pass
			MCH	RB100#0	18.02	19.81	Pass
			HCH	RB100#0	17.99	19.81	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	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	4.51	4.97	Pass
			HCH	RB25#0	4.52	4.95	Pass
		10	LCH	RB50#0	9.01	9.91	Pass
			MCH	RB50#0	8.99	9.89	Pass
			HCH	RB50#0	9.01	9.86	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.50	15.01	Pass
			MCH	RB75#0	13.49	14.95	Pass
			HCH	RB75#0	13.49	15.04	Pass
		20	LCH	RB100#0	17.96	19.78	Pass
			MCH	RB100#0	17.98	19.80	Pass
			HCH	RB100#0	18.00	19.83	Pass

Part II - Test Plots

4.1 For LTE

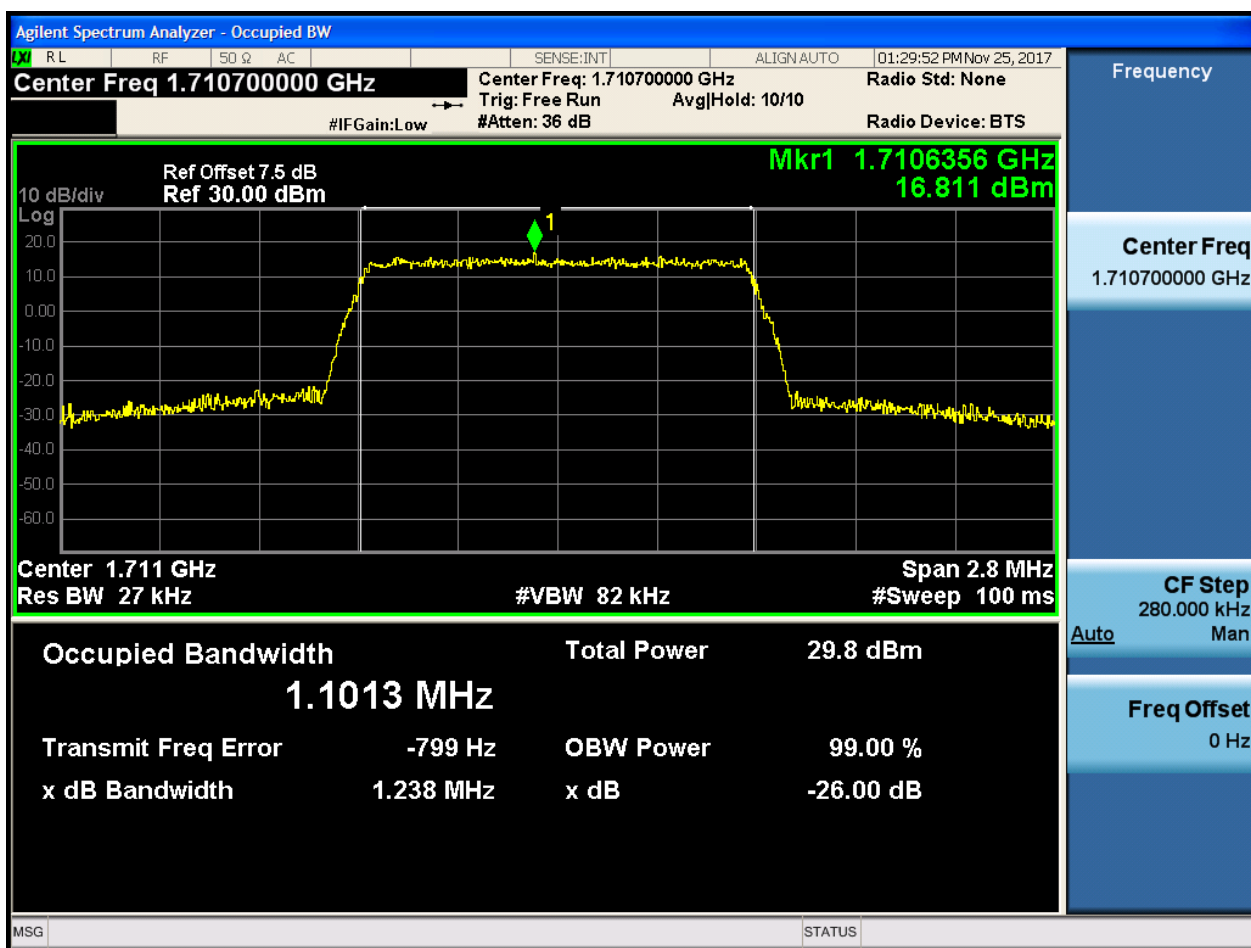
4.1.1 Test Band = BAND4

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

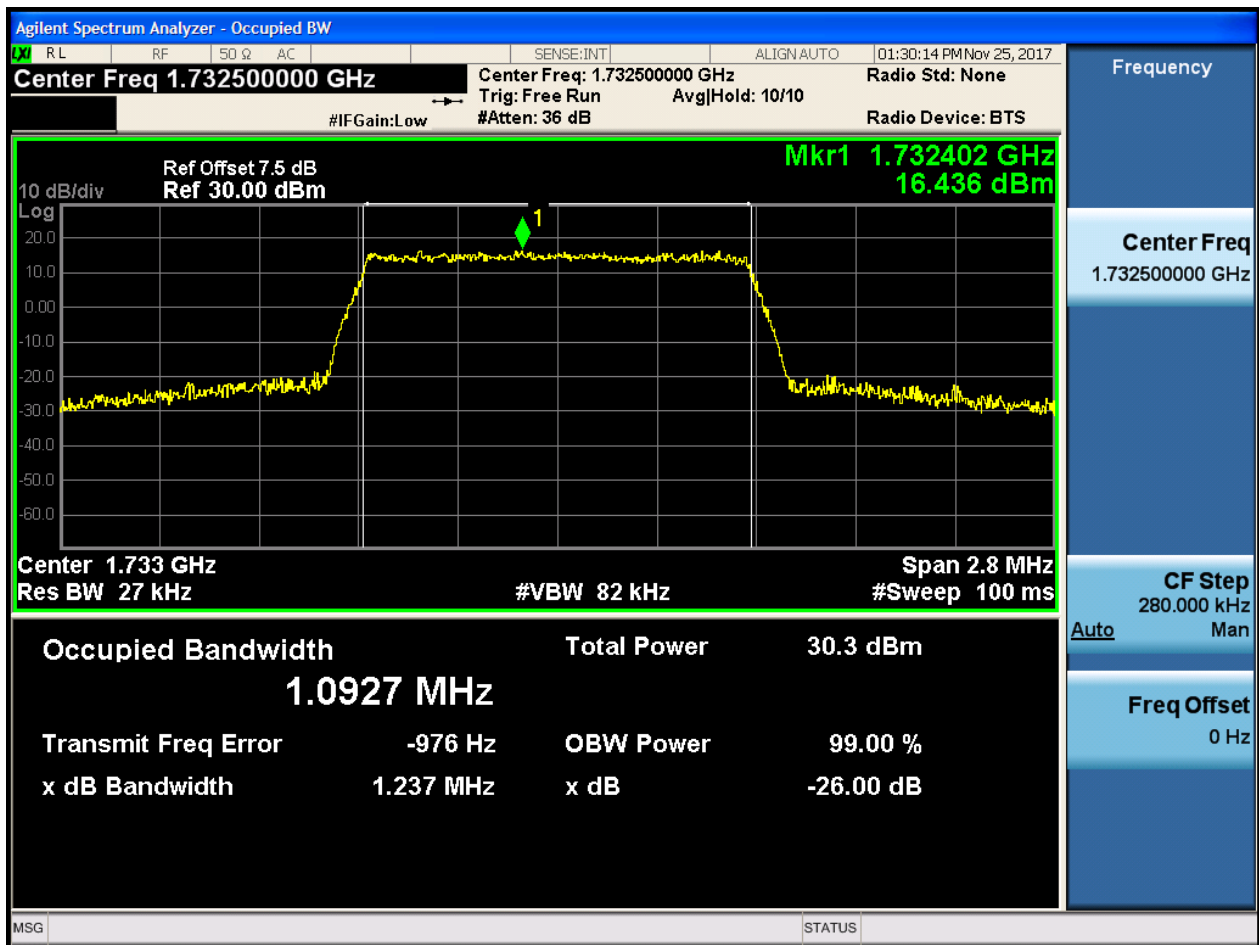
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

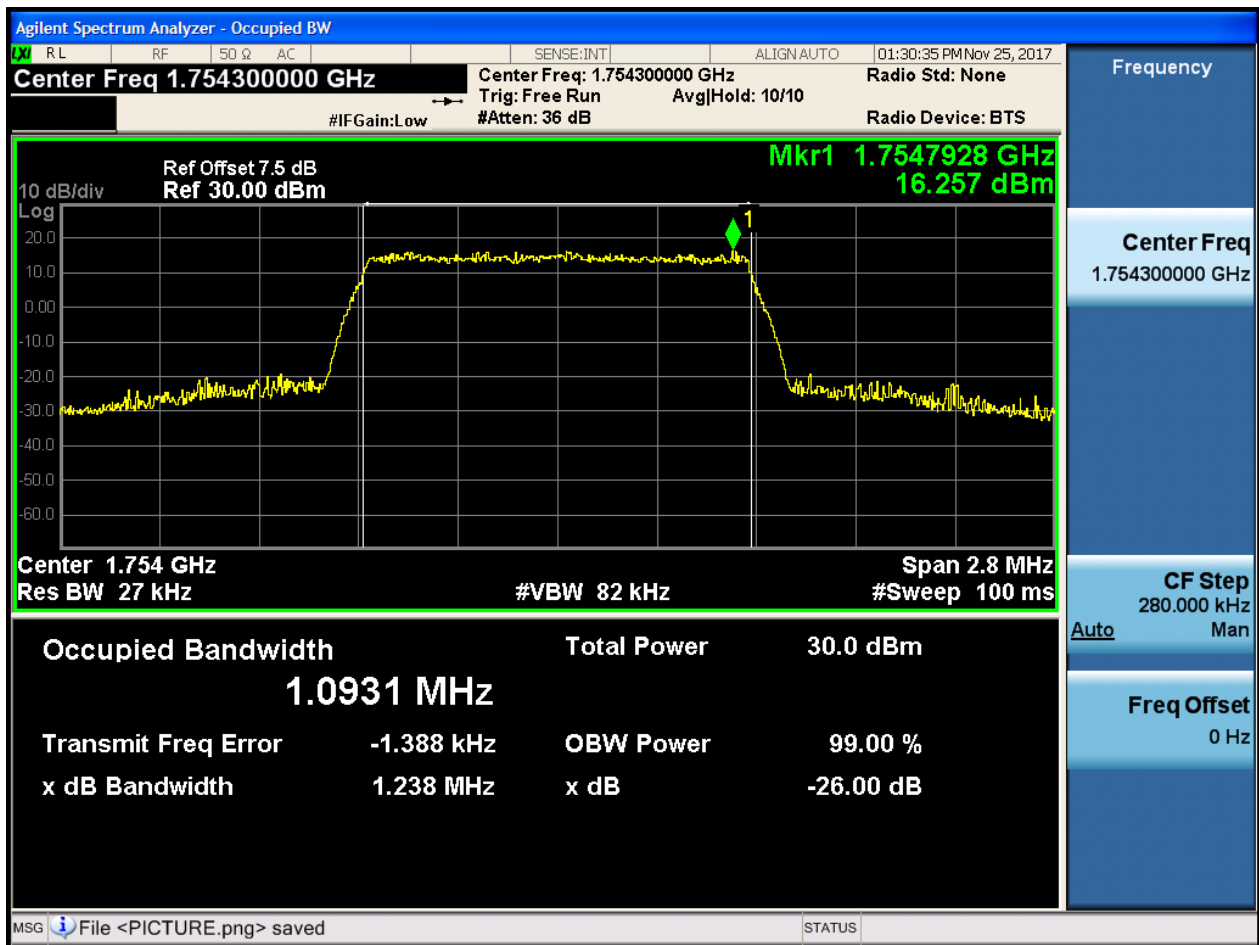
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

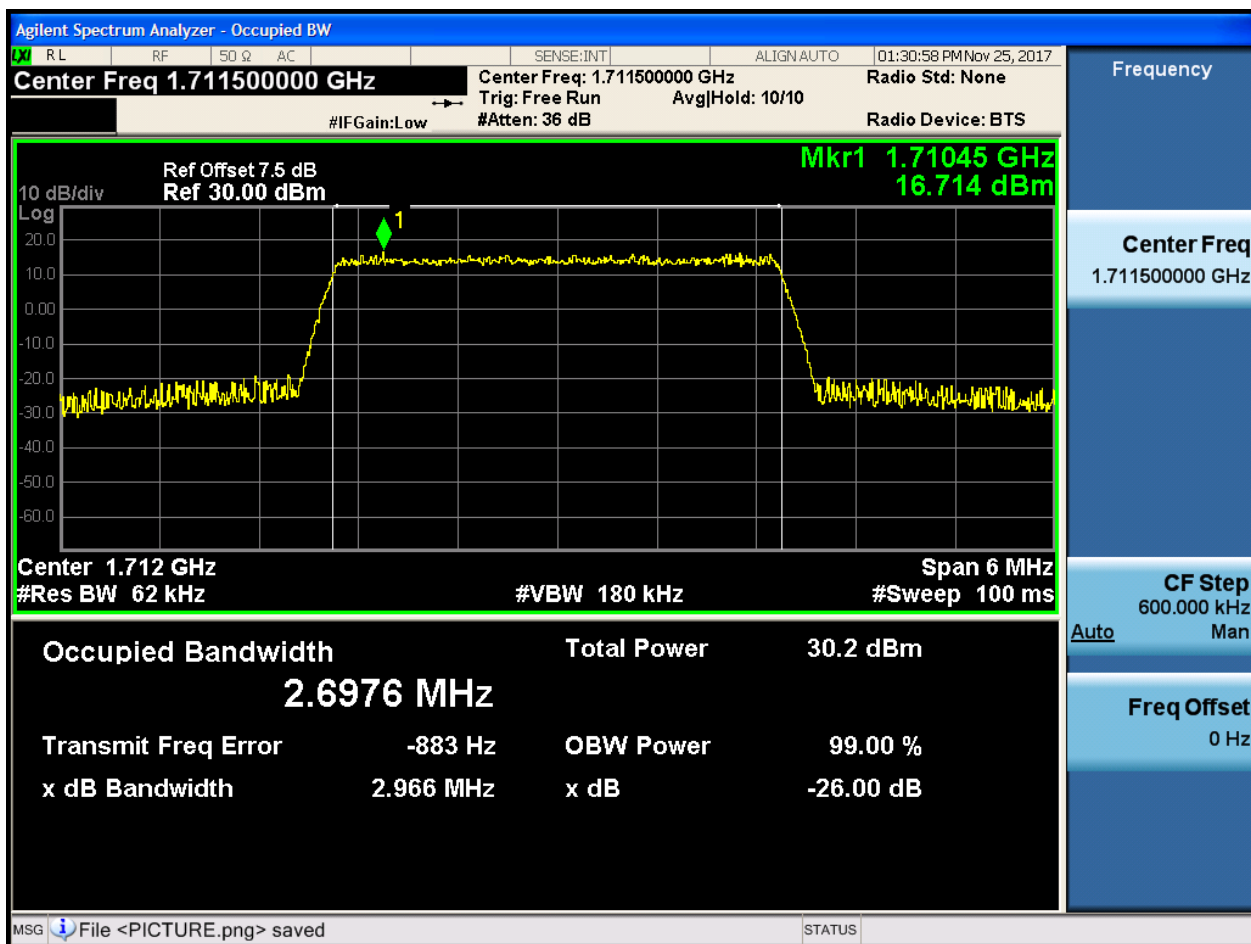




4.1.1.1.2 Test Bandwidth = 3

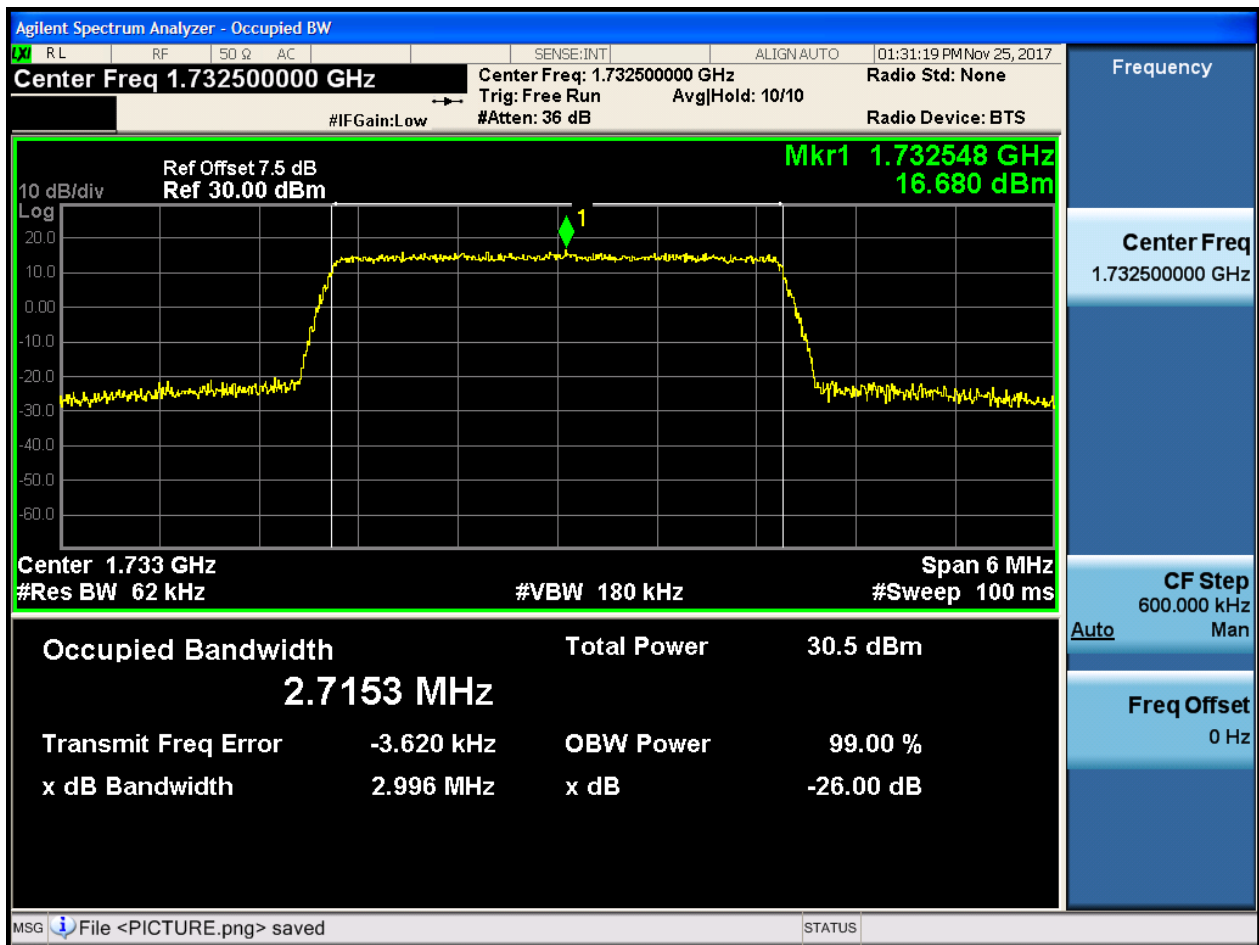
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



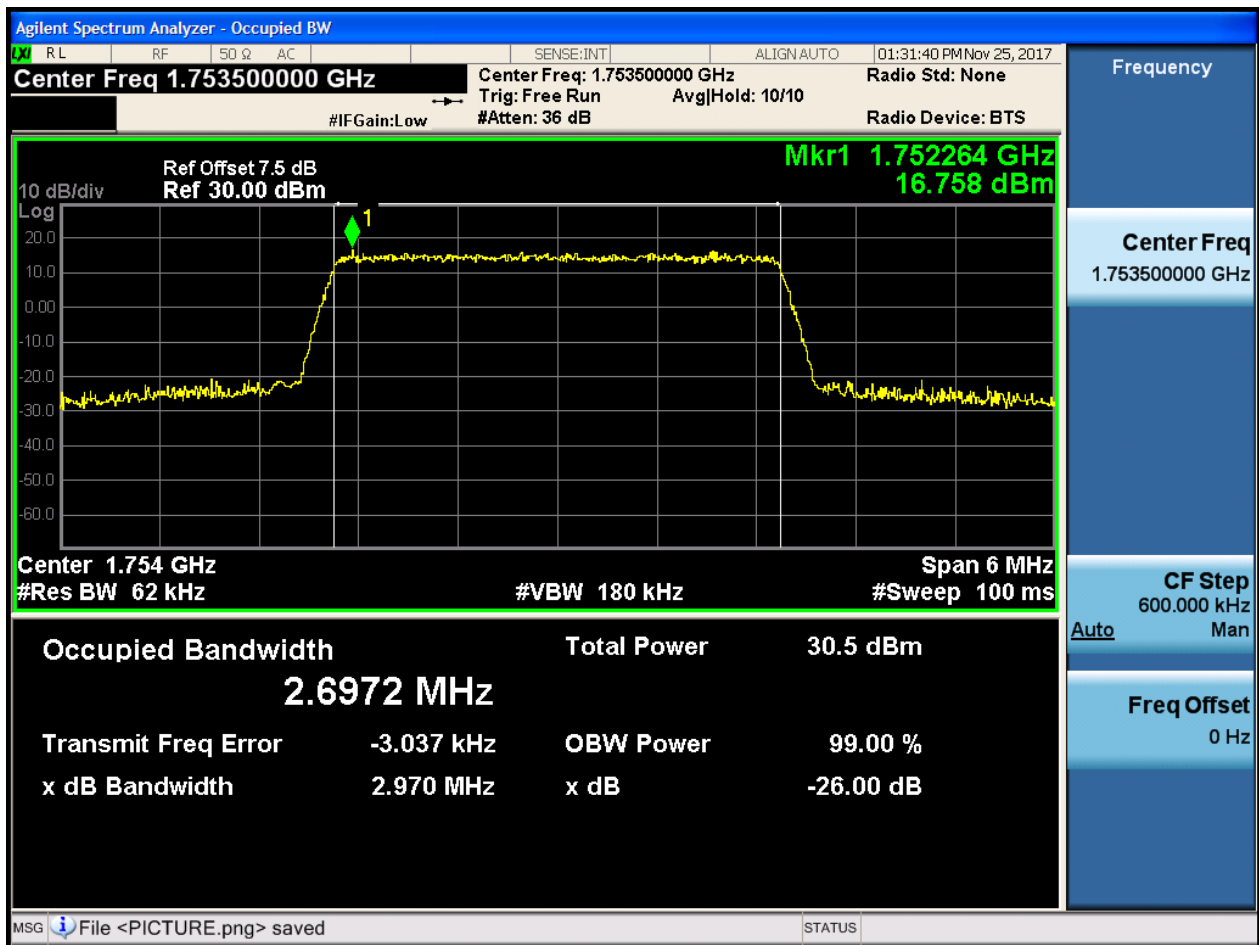
4.1.1.1.2.2 Test Channel = MCH

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

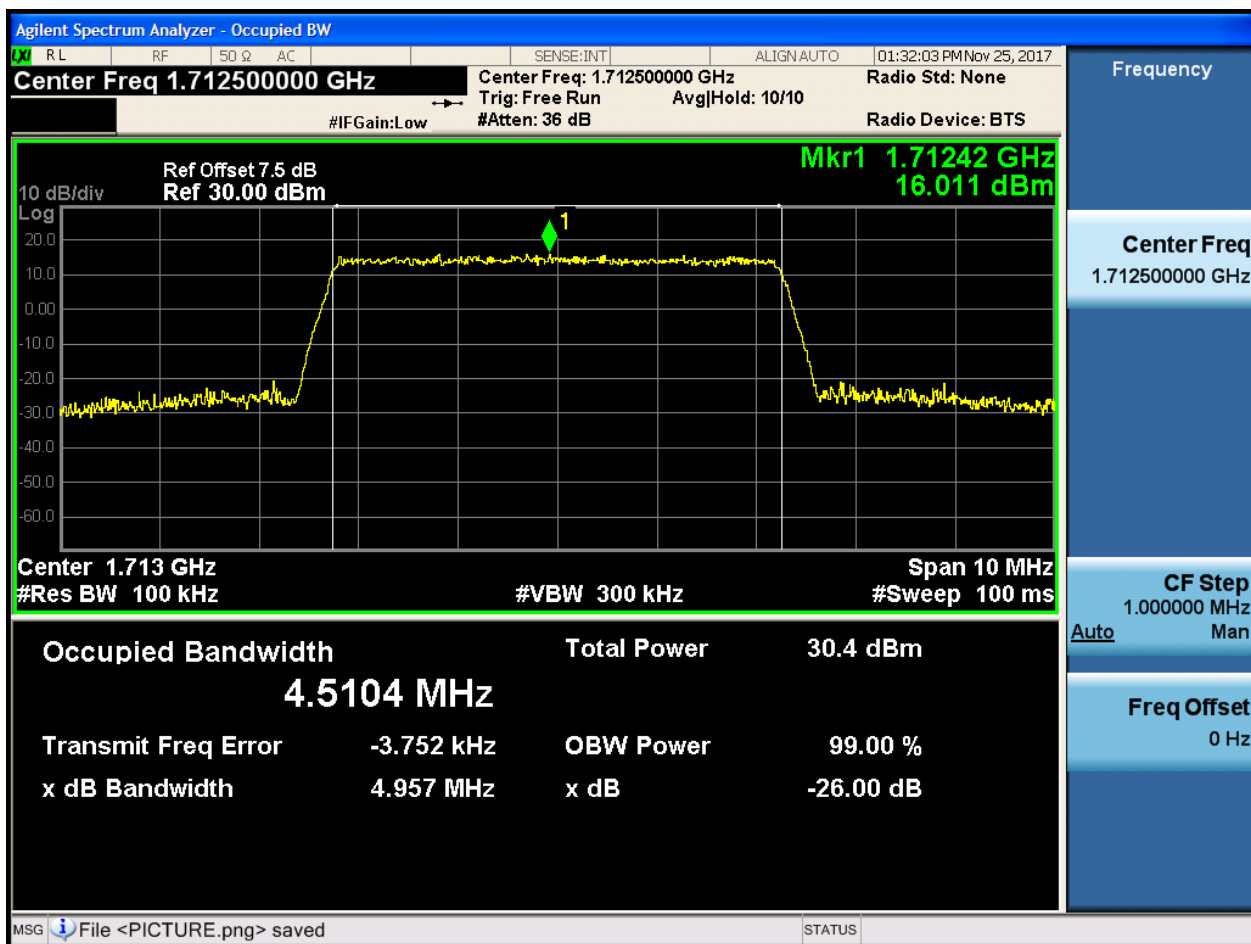




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

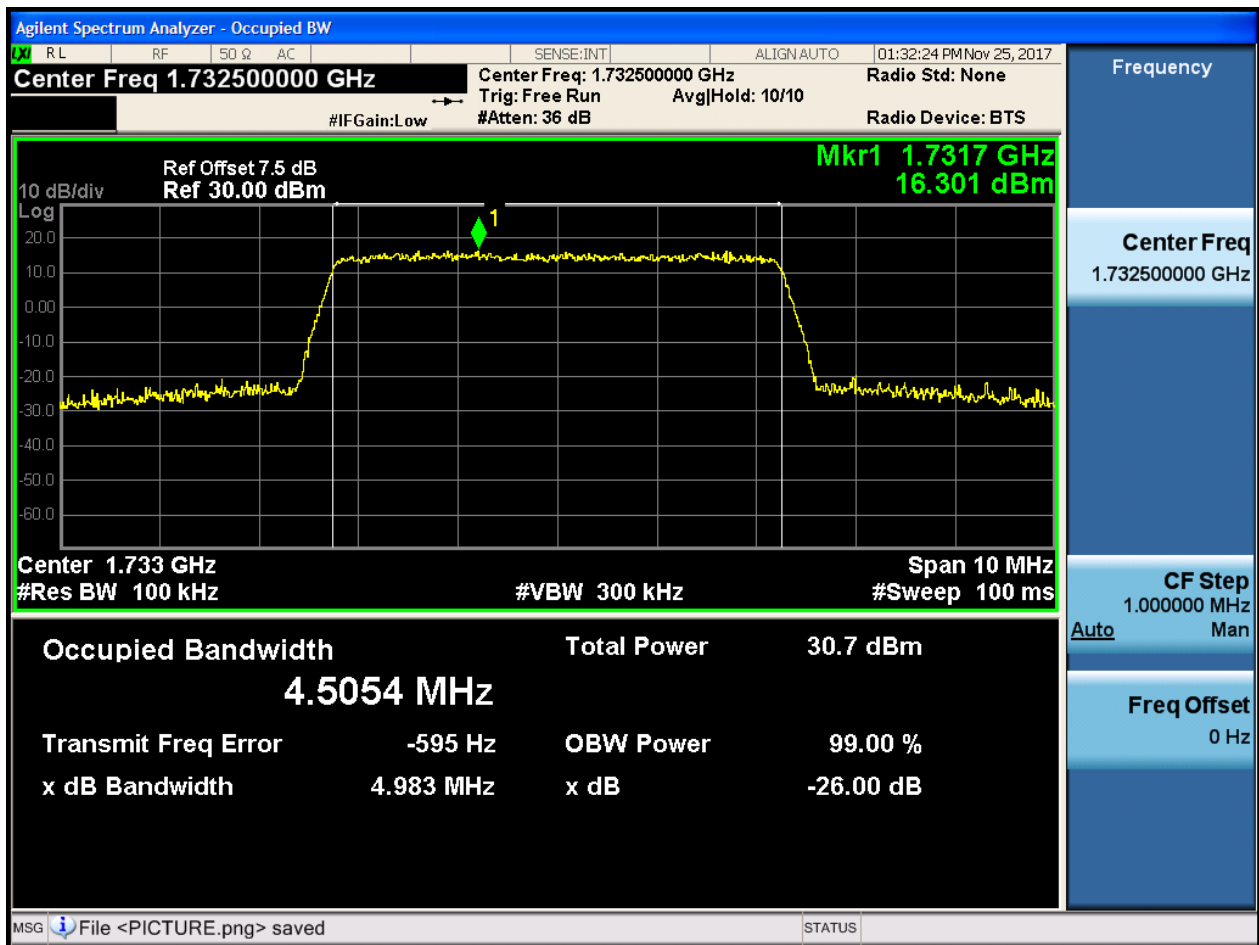
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

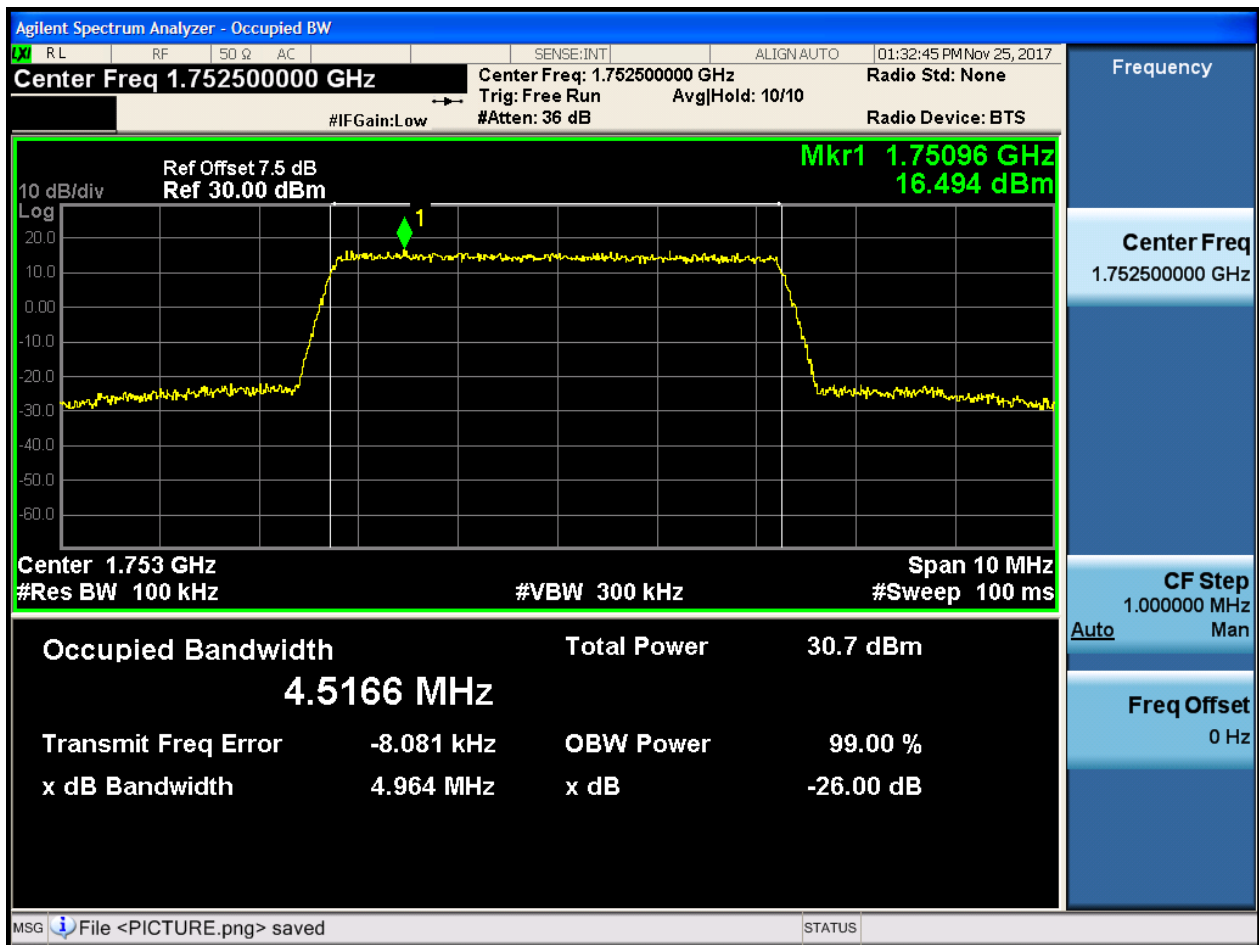
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

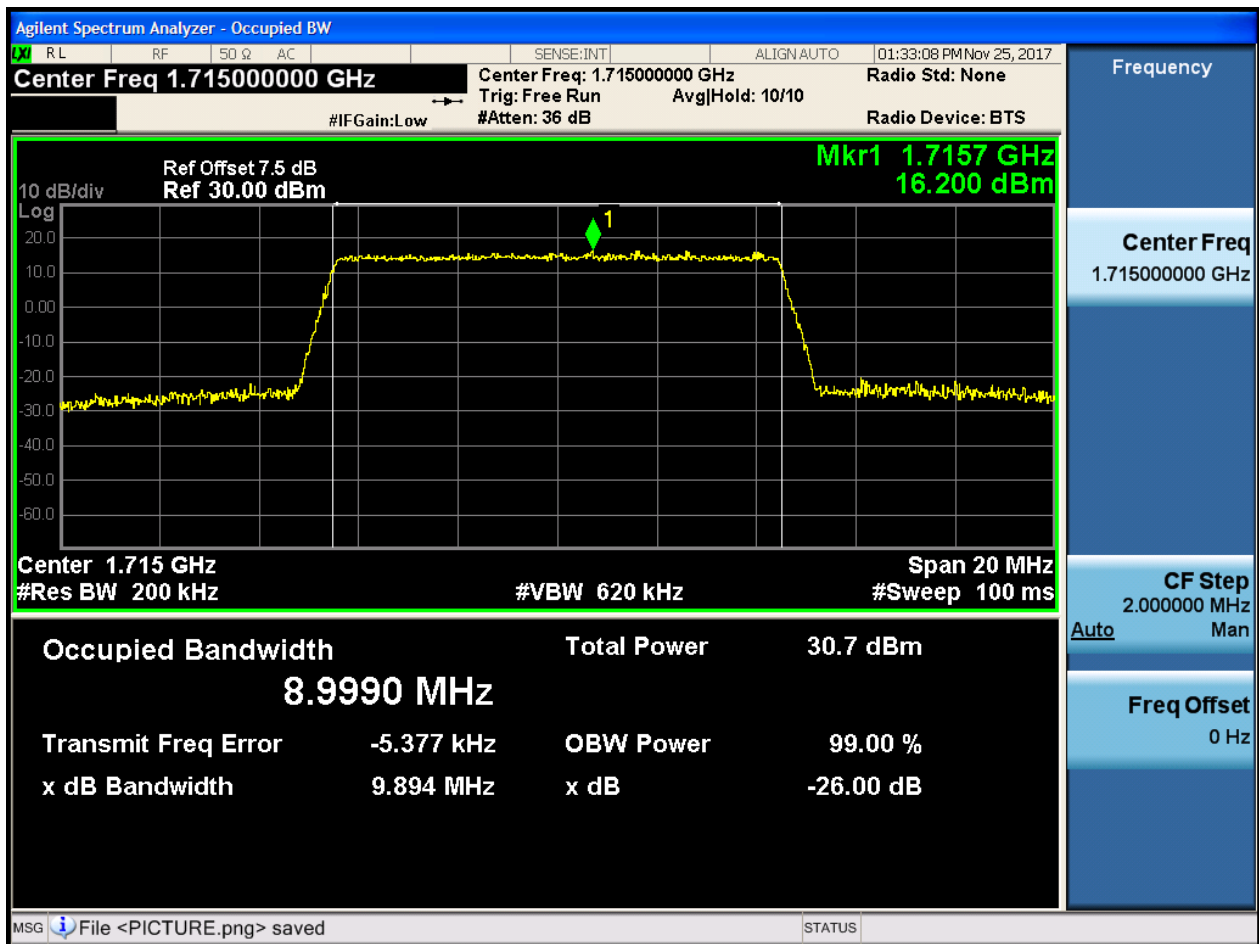




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

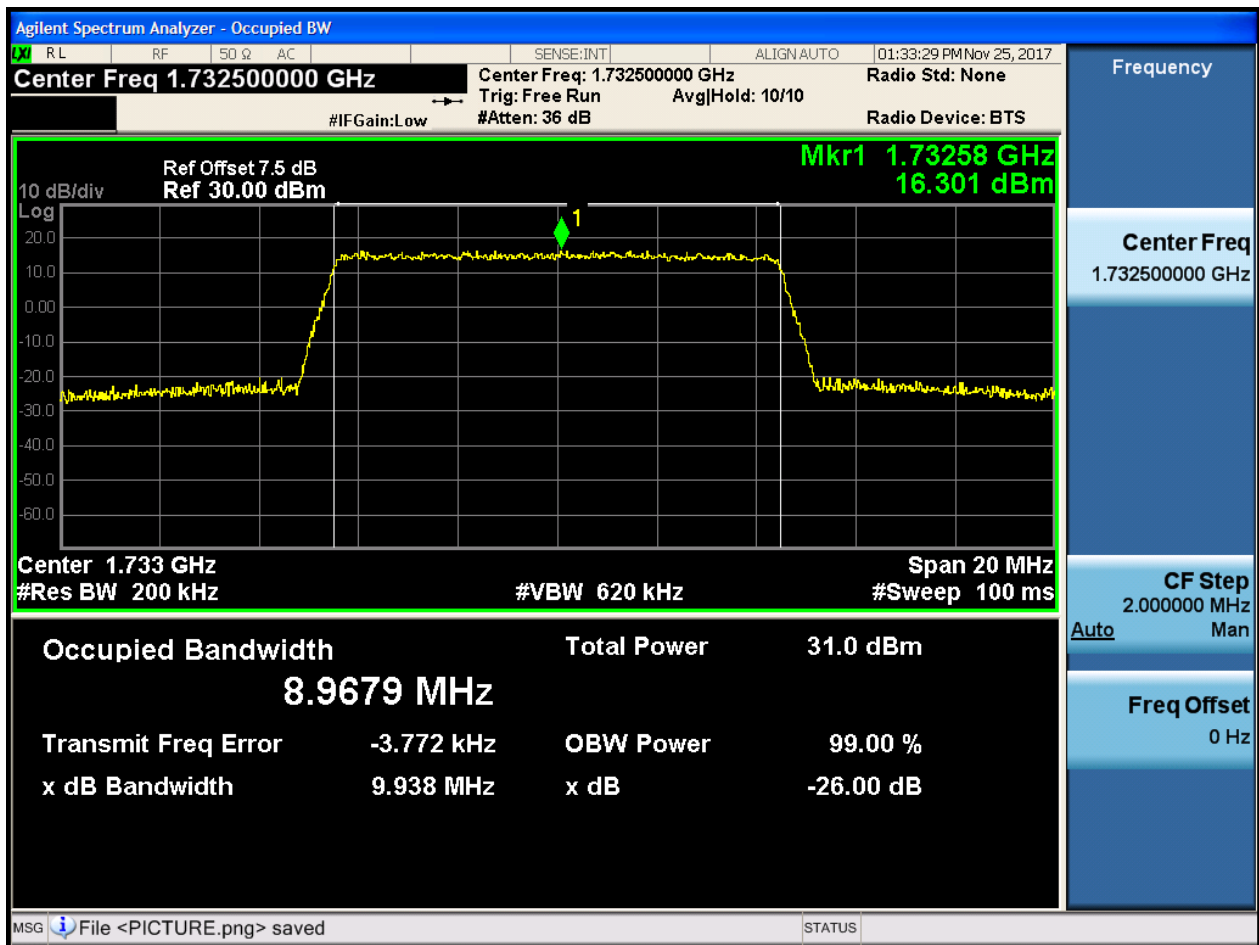
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

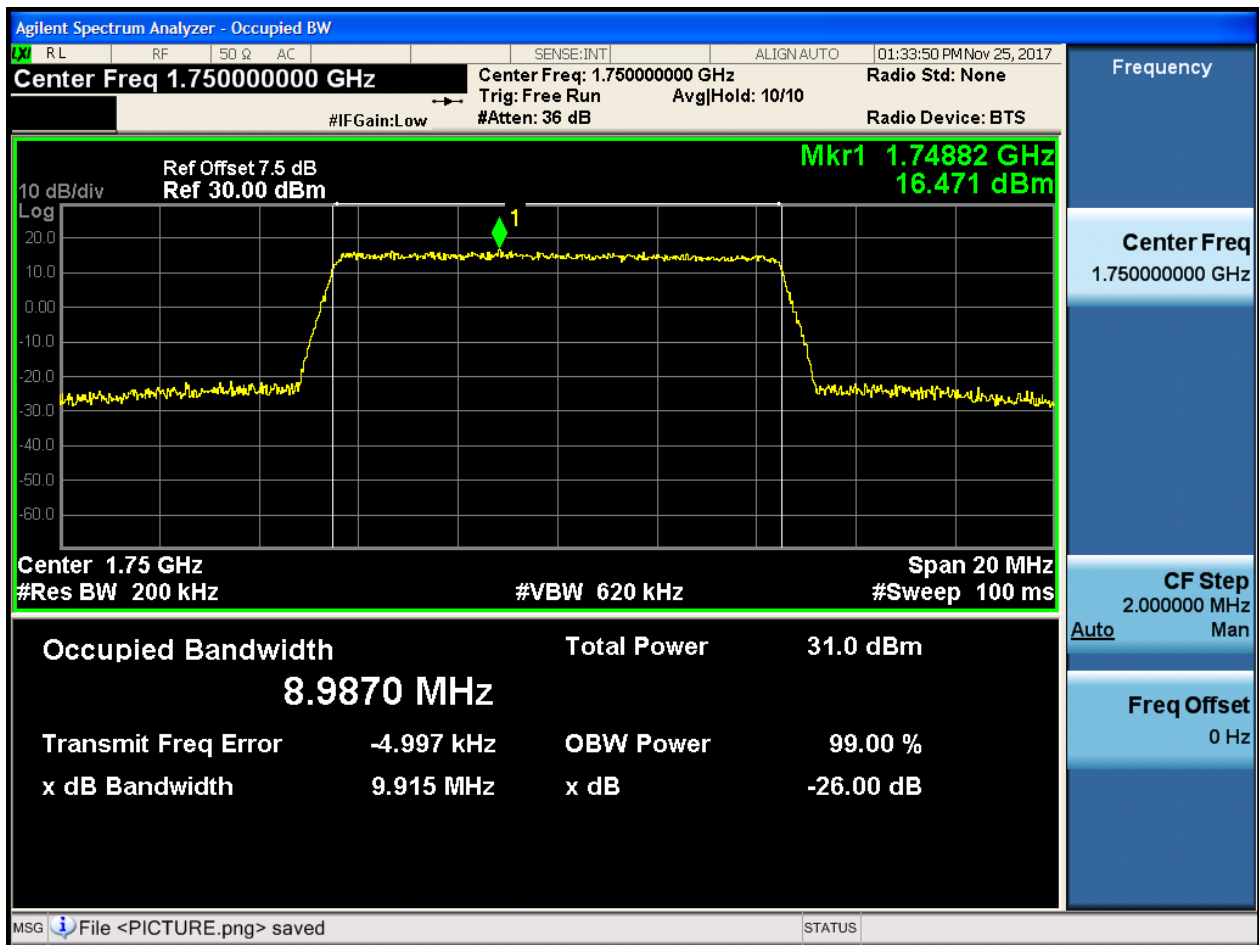
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

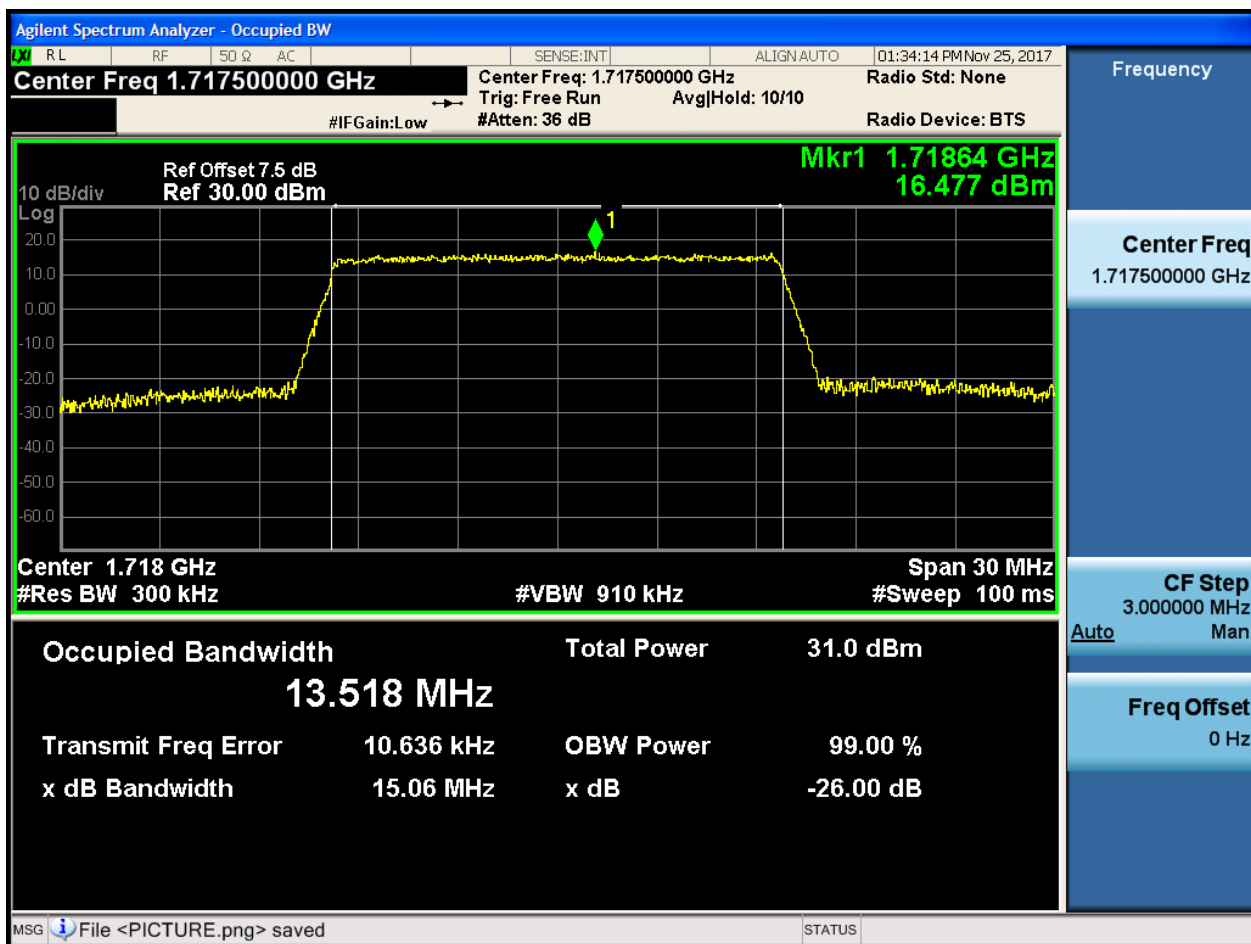




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

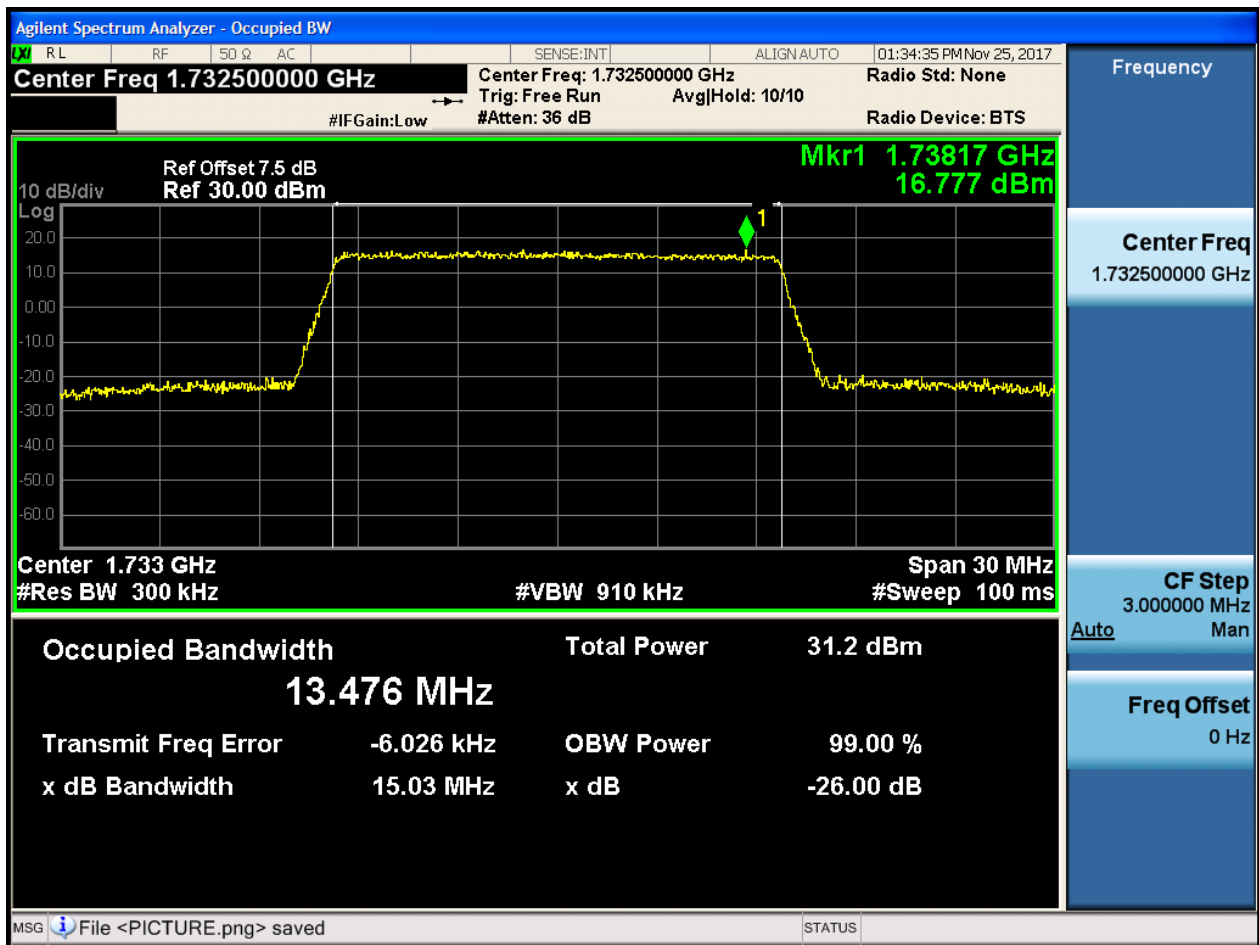
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

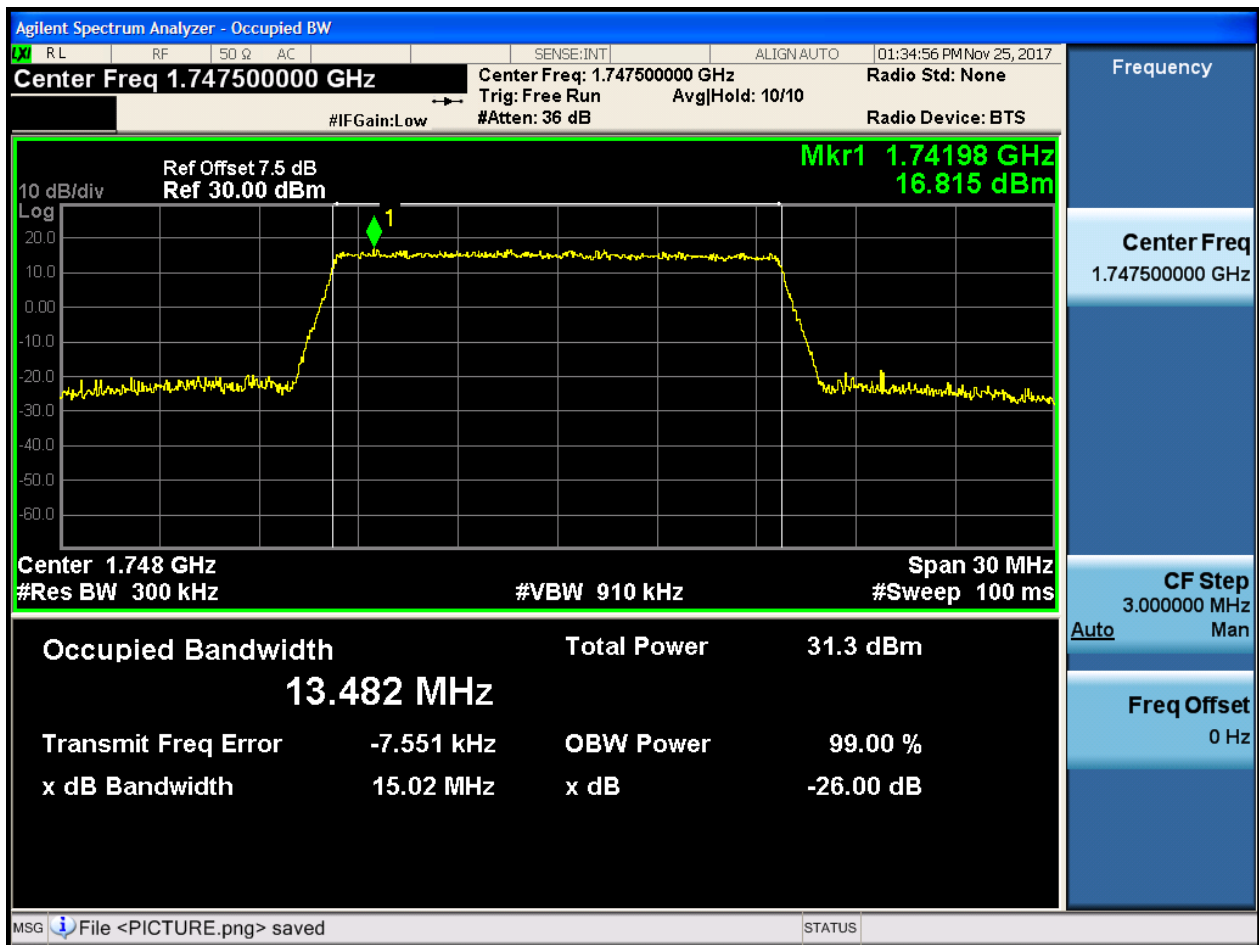
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

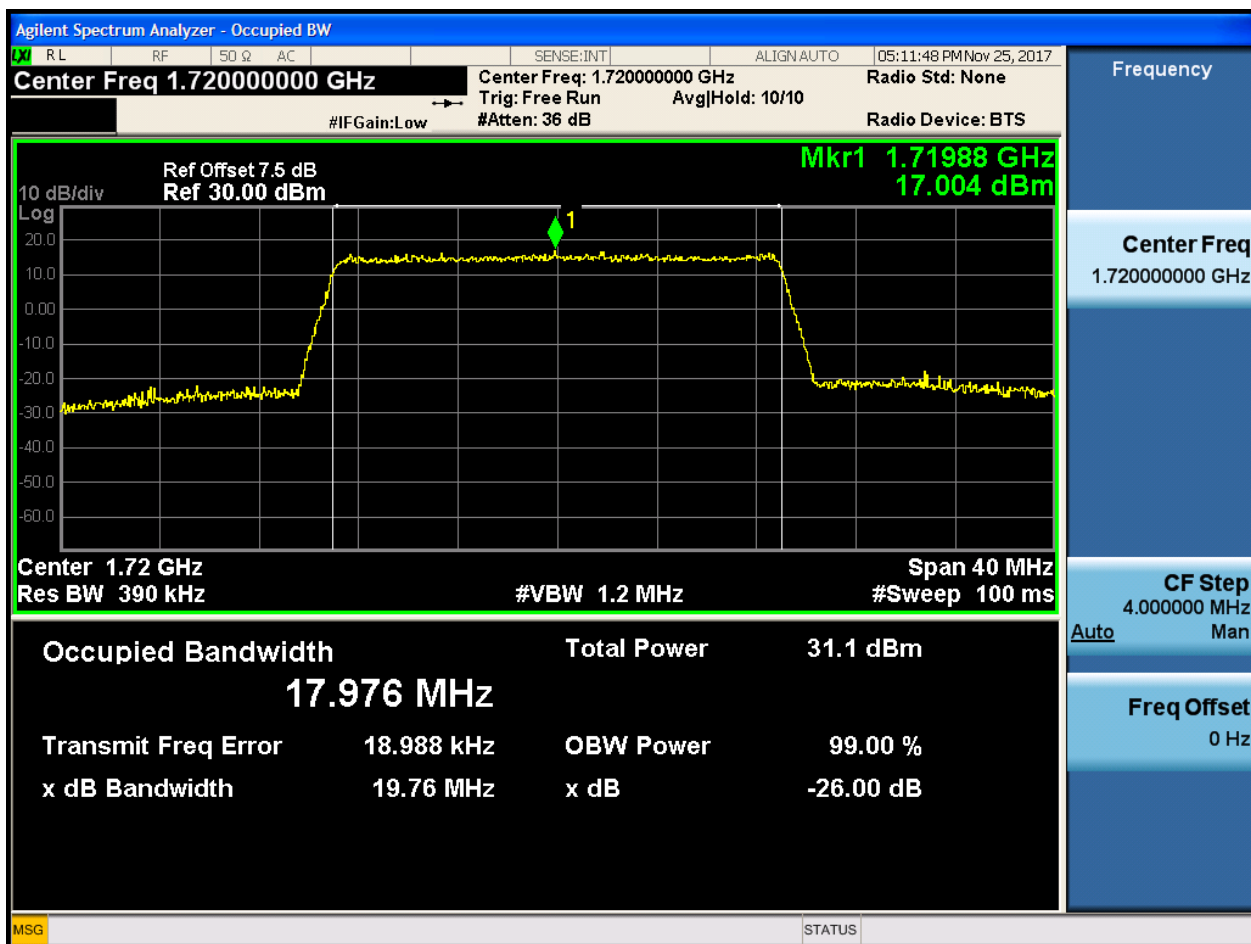




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

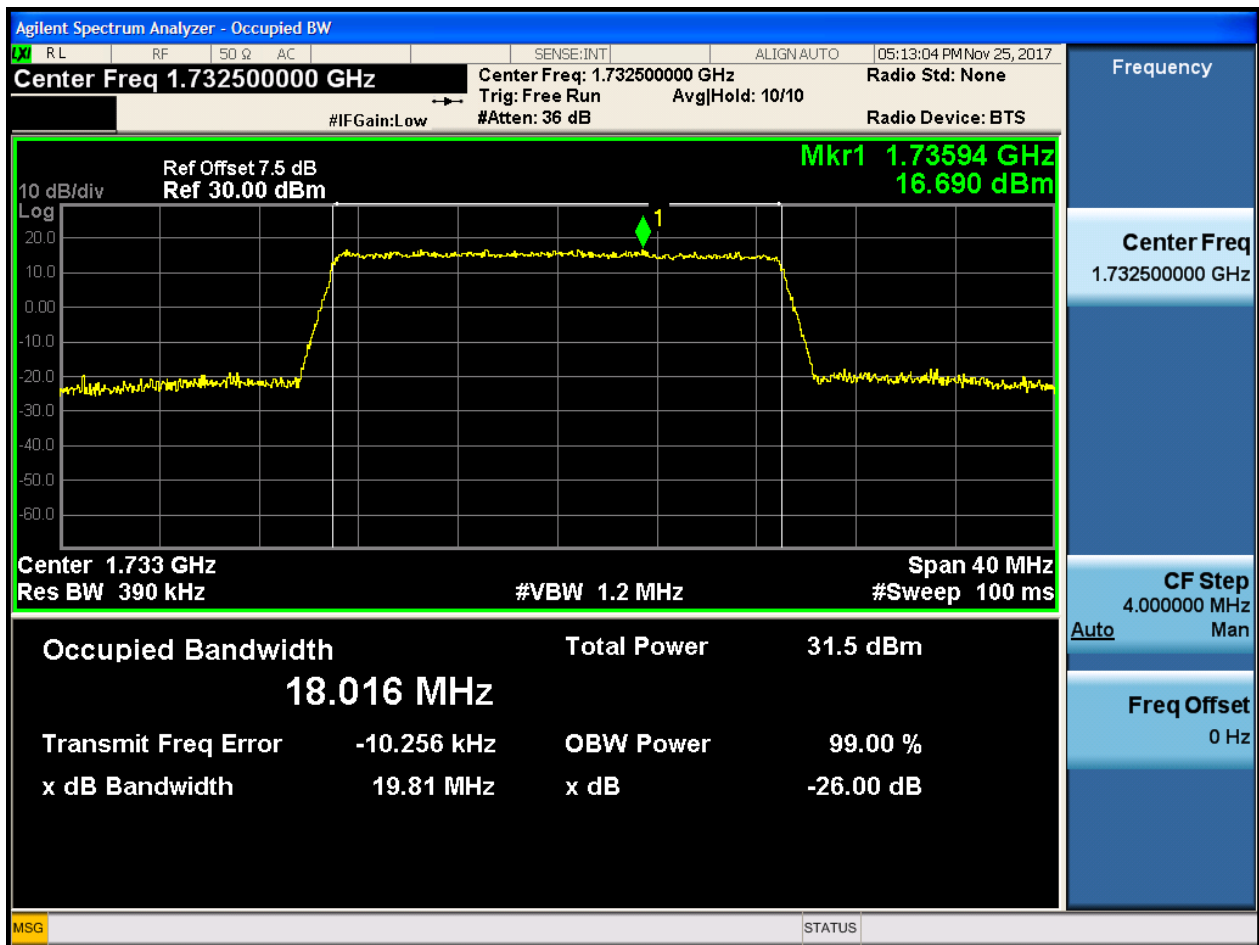
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

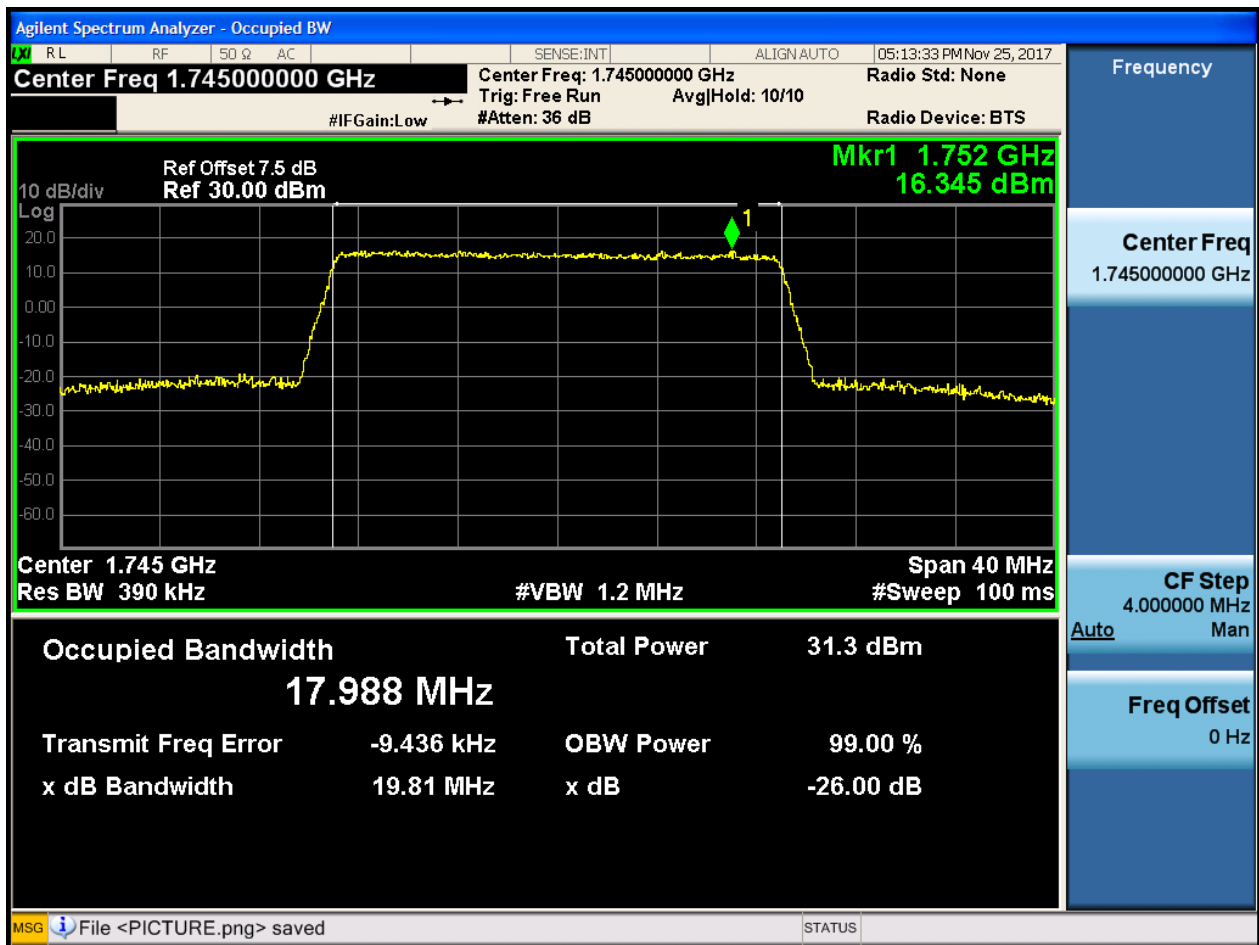
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



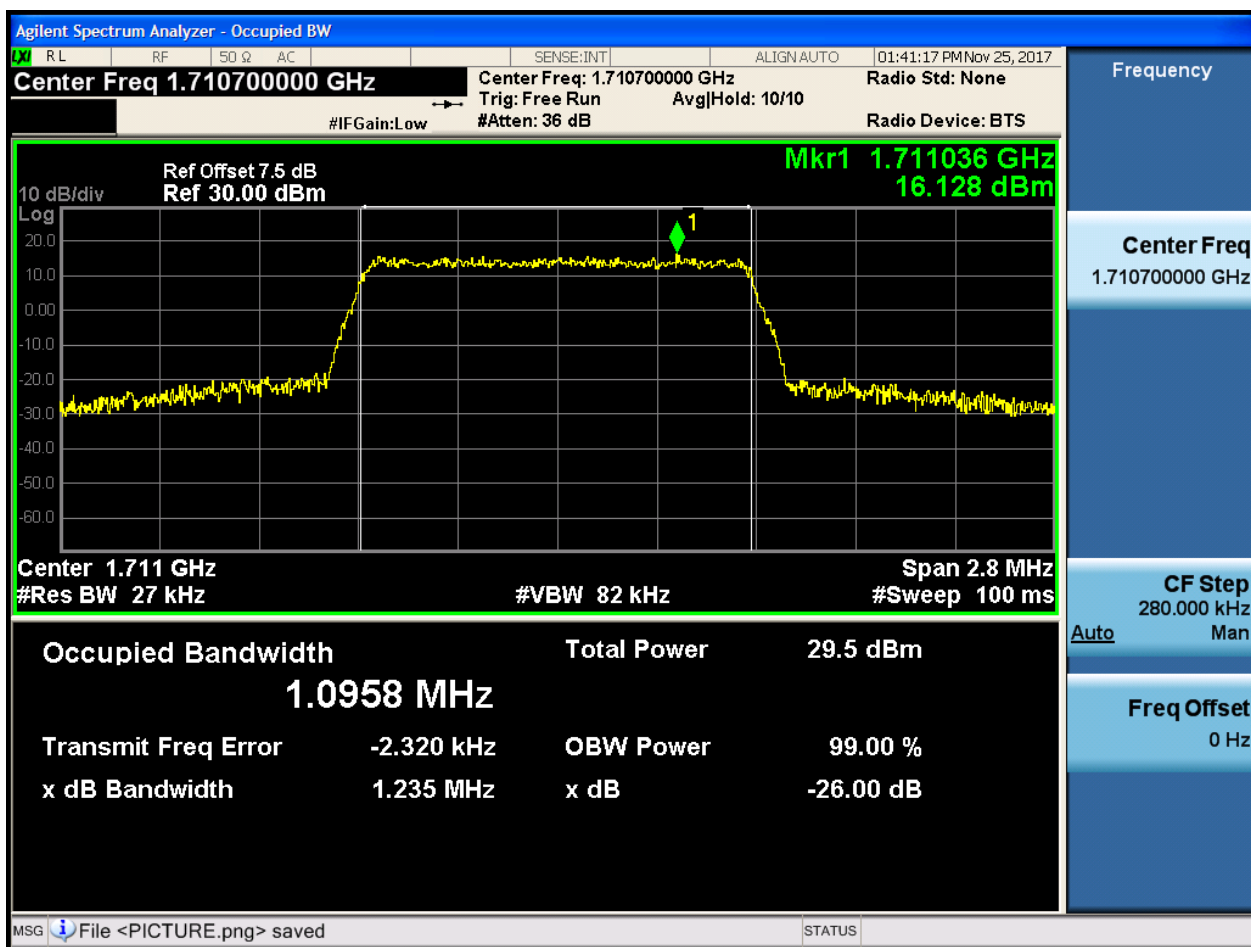


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

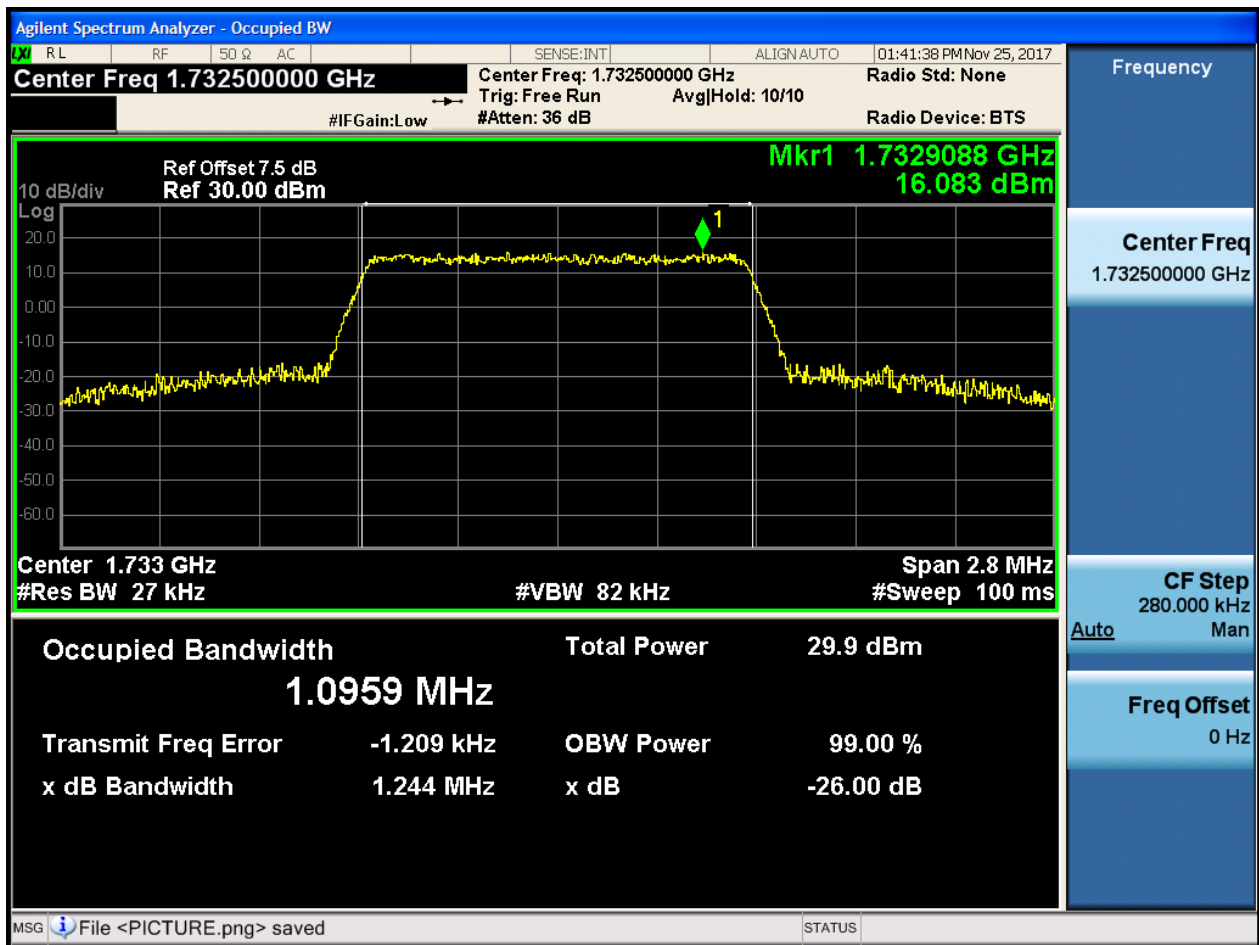
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

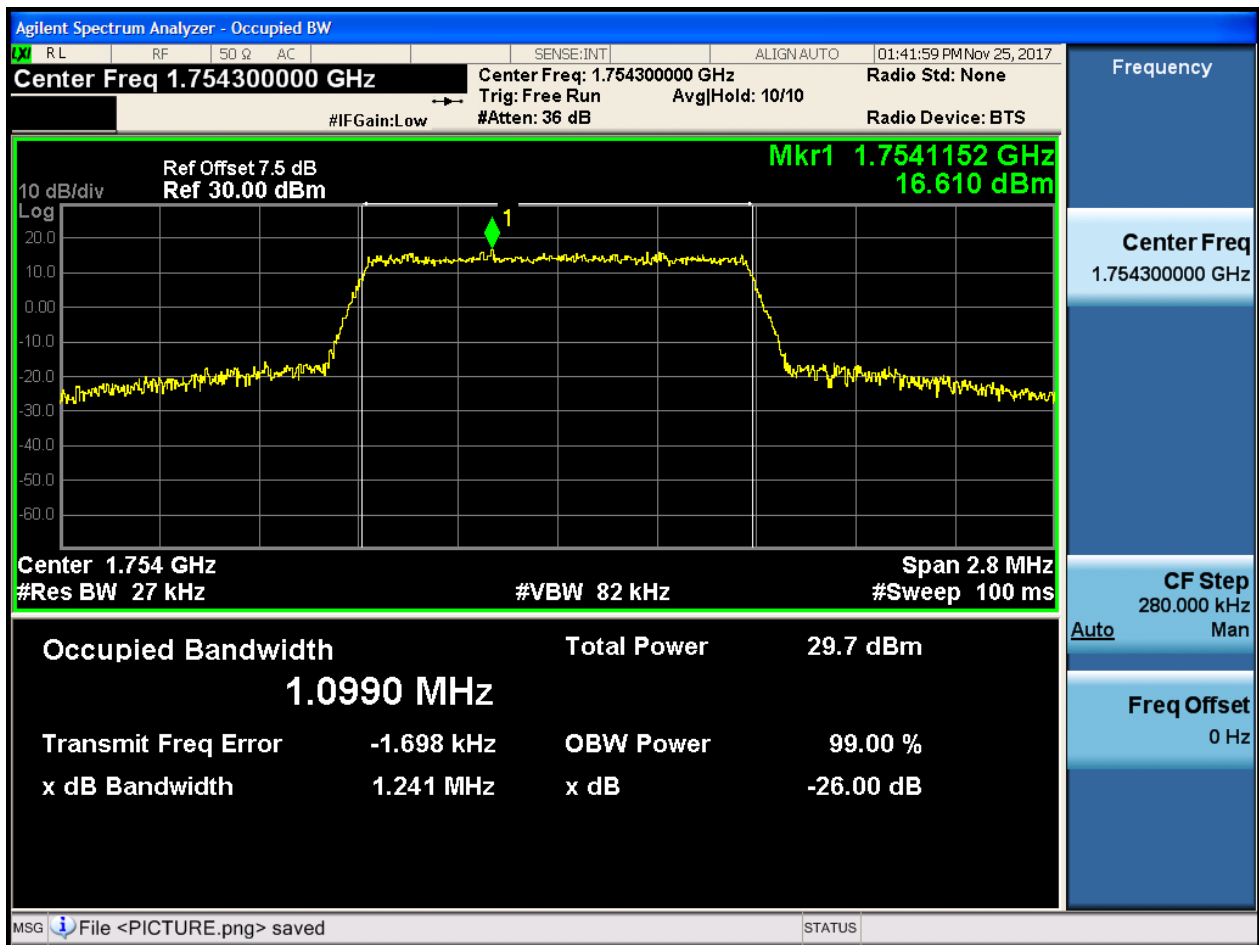
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

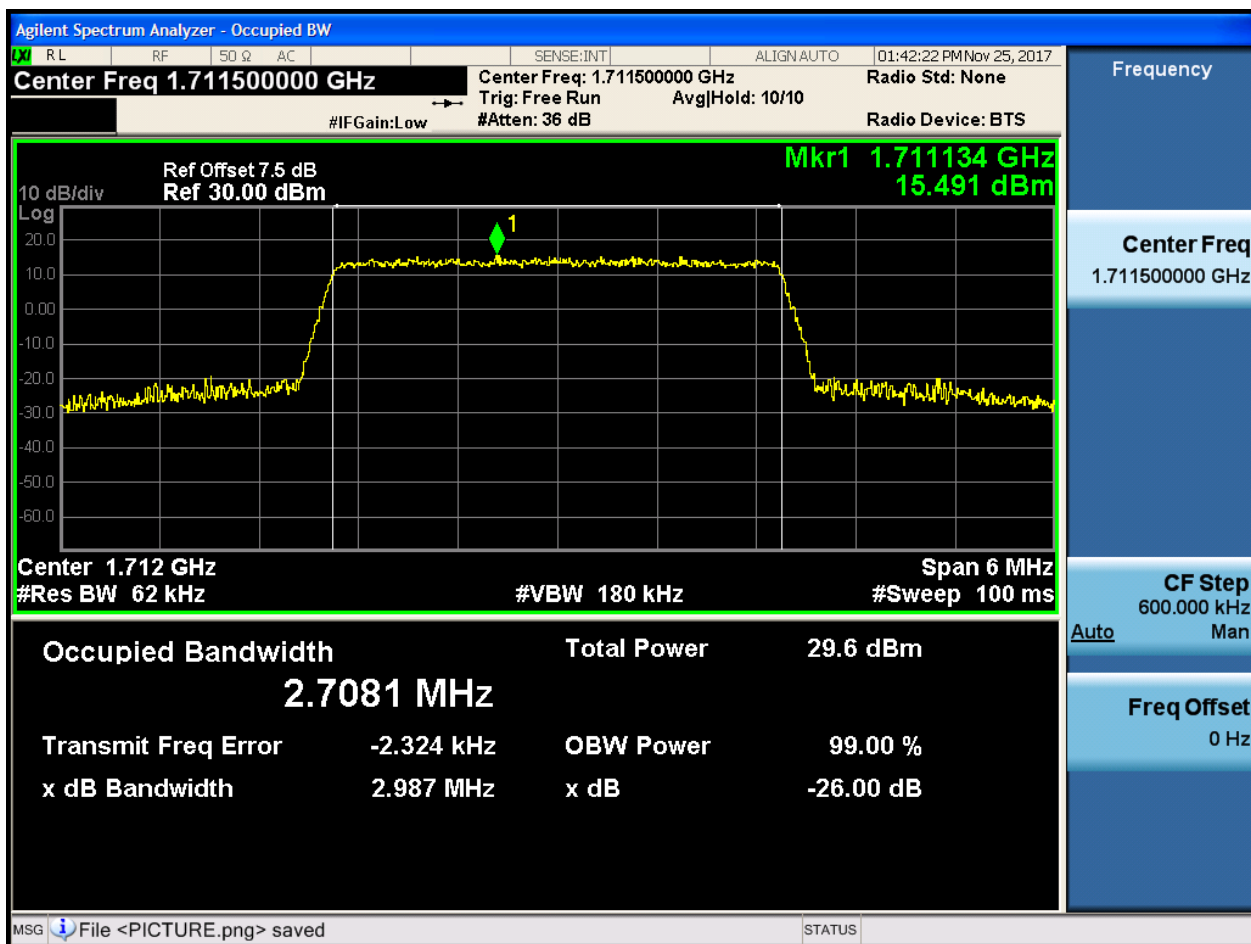




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

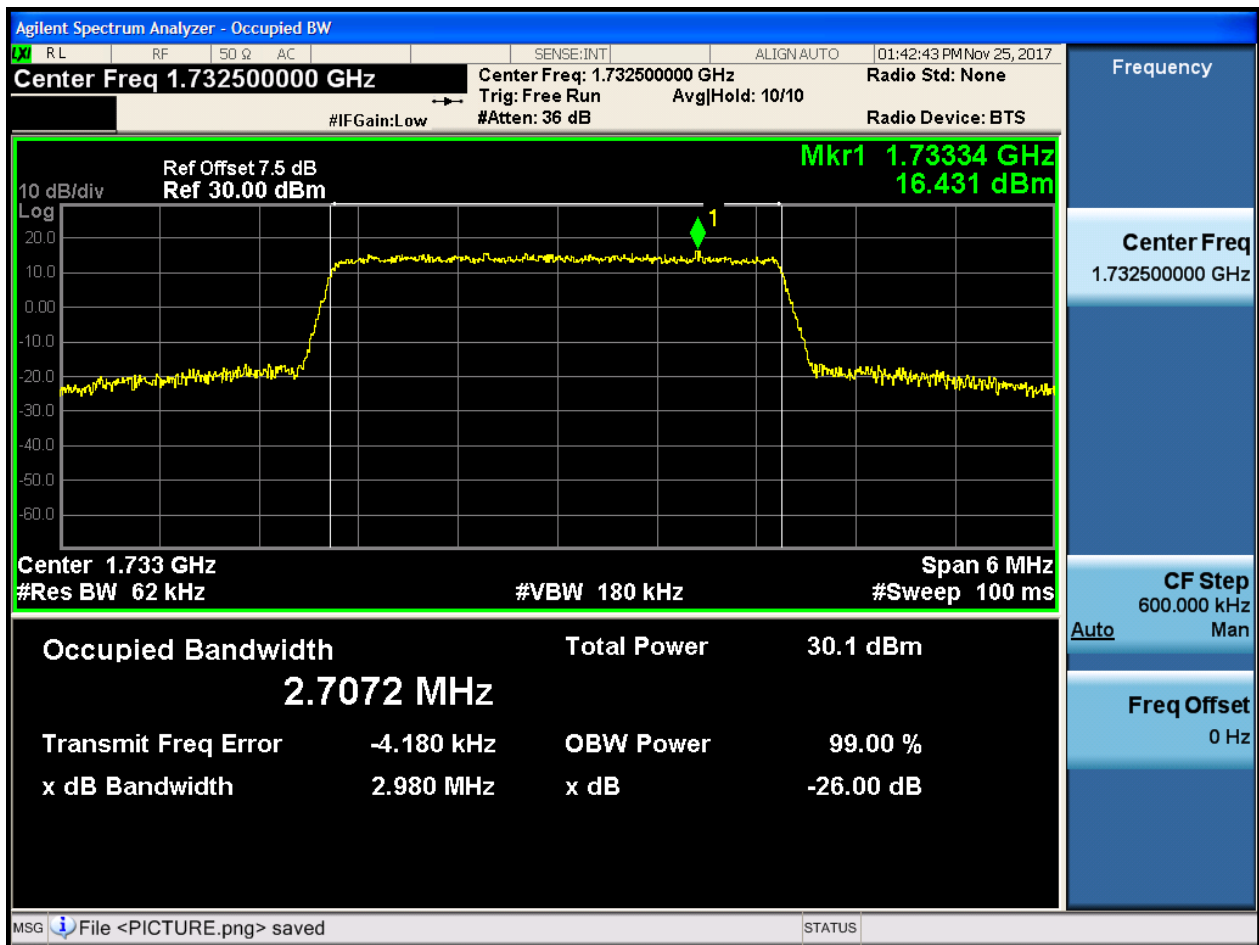
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2 Test Channel = MCH

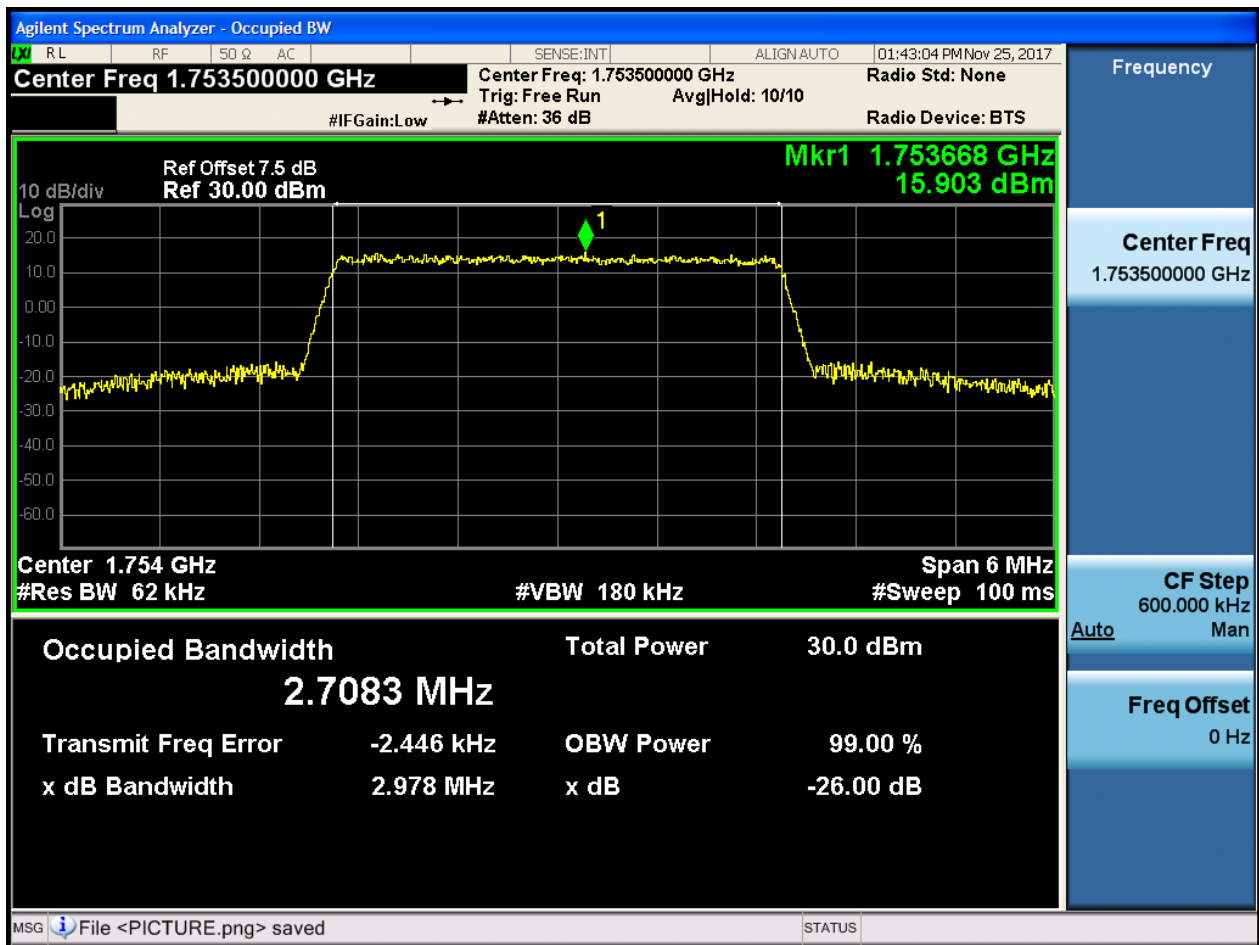
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

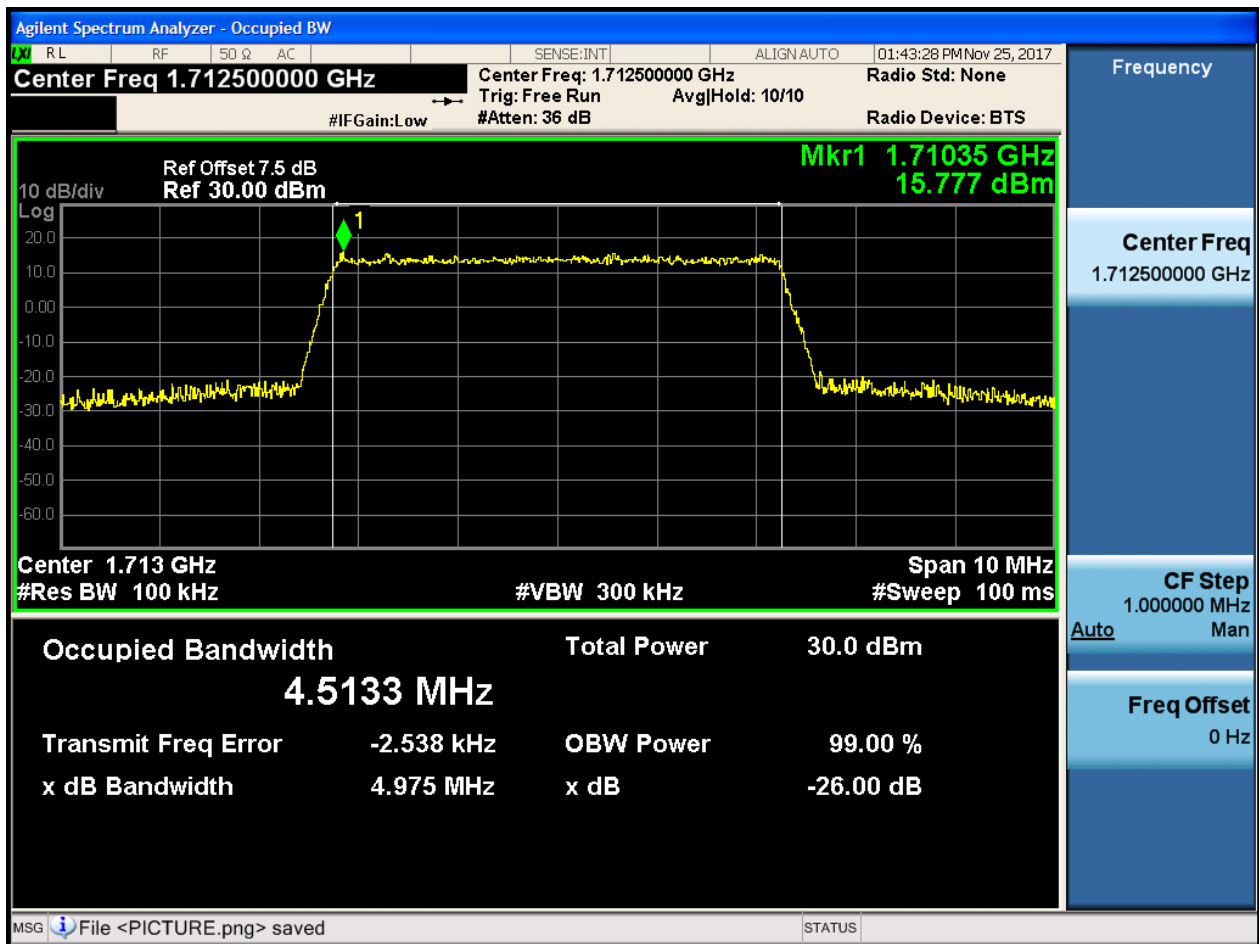




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

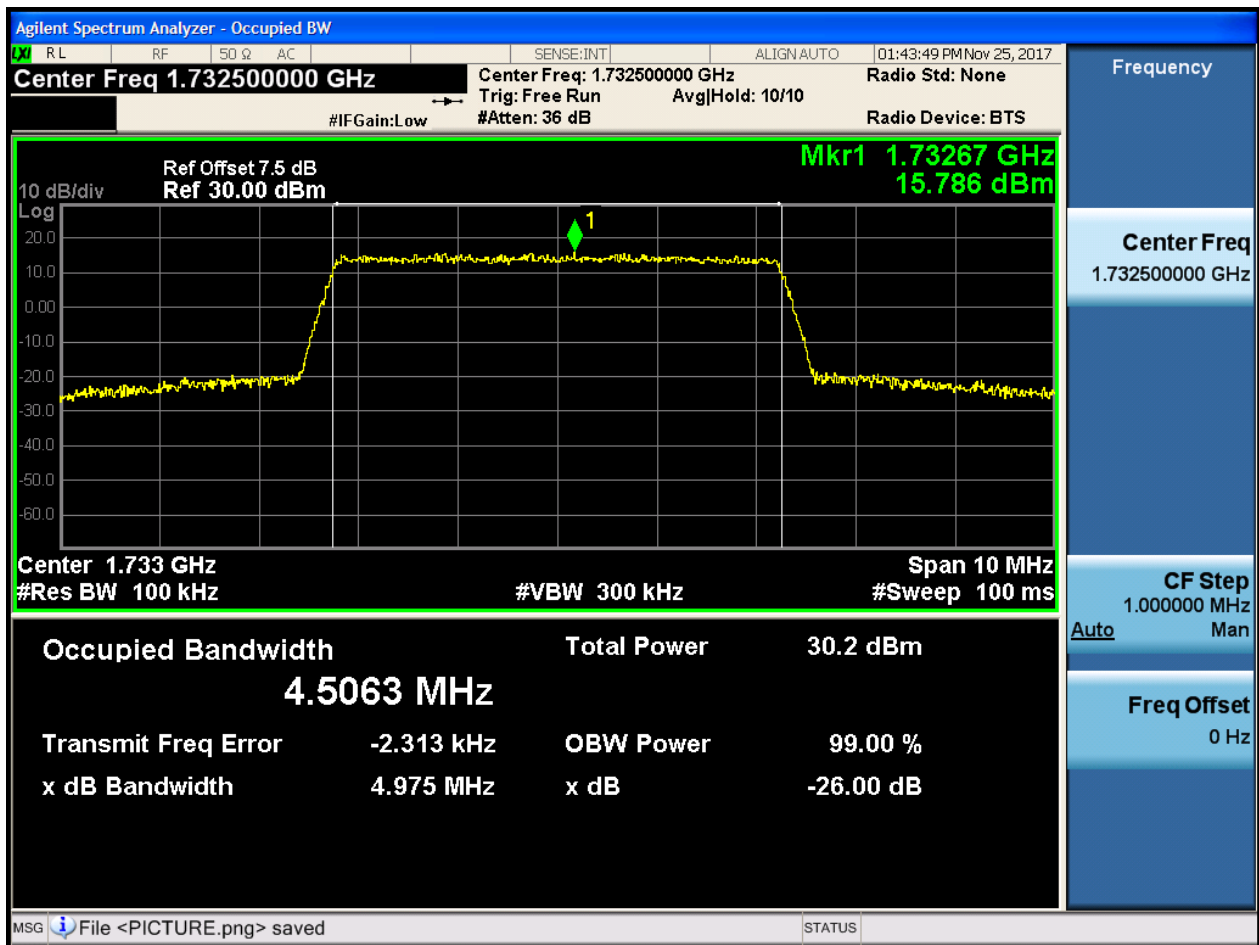
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

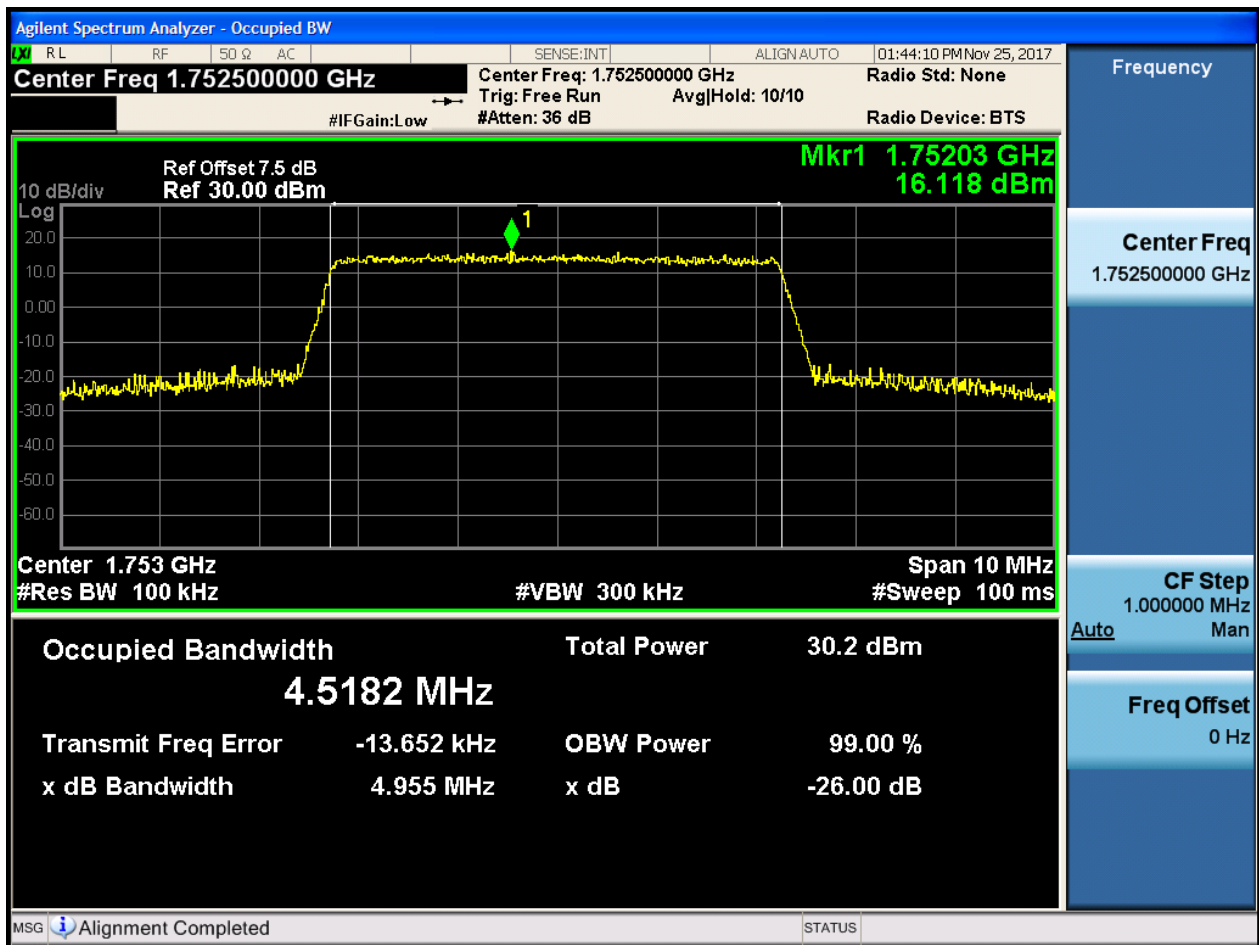
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

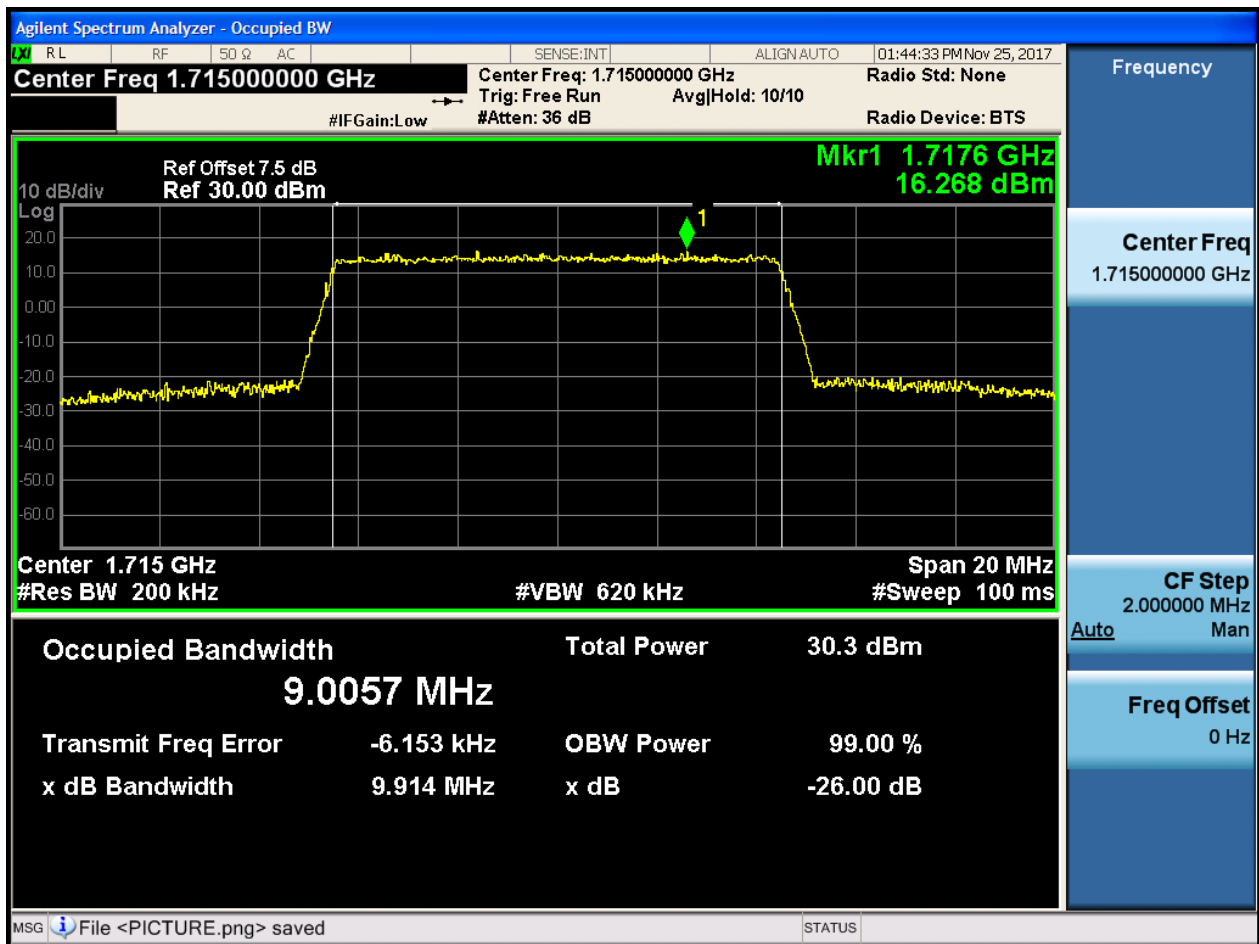




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

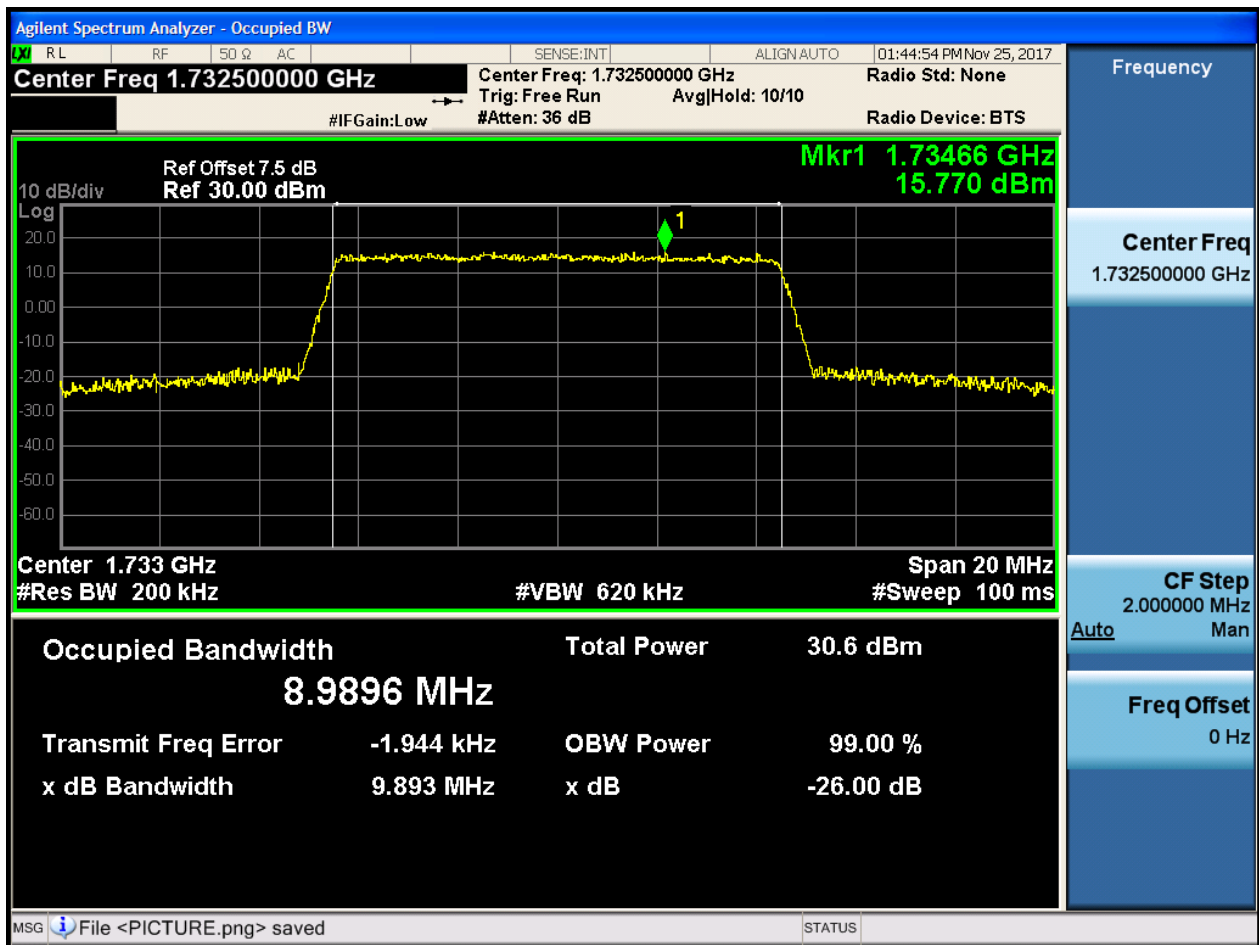
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

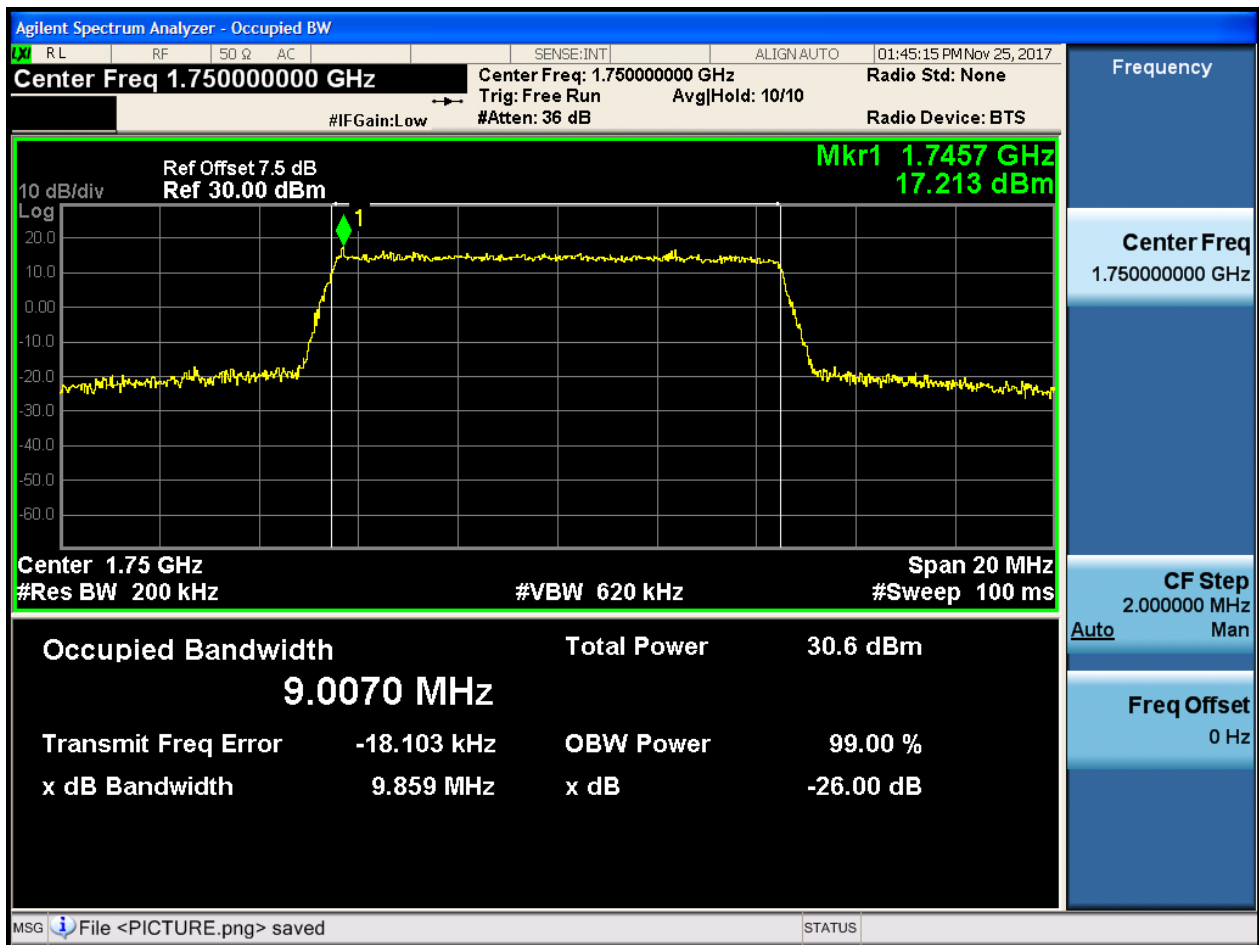
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

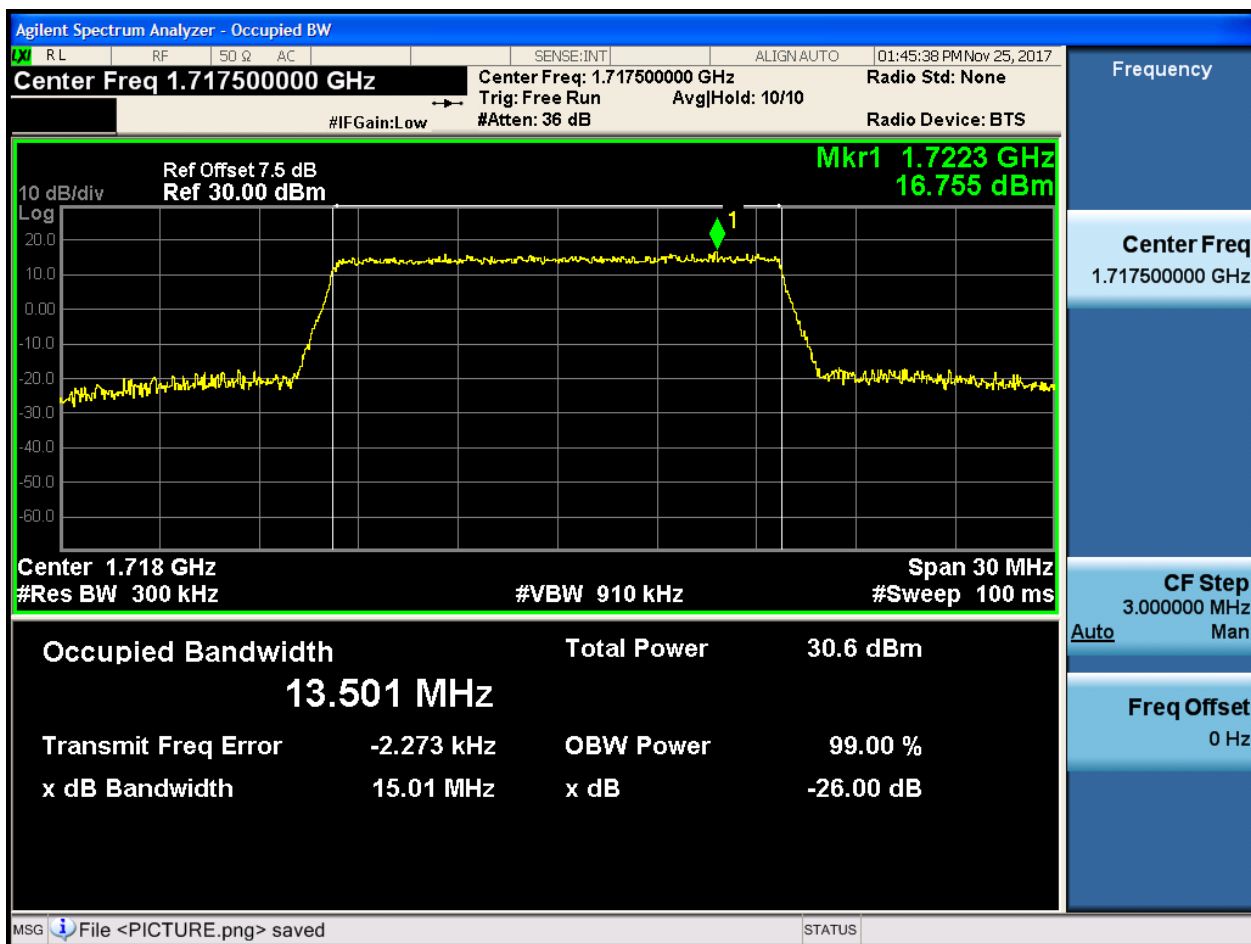
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

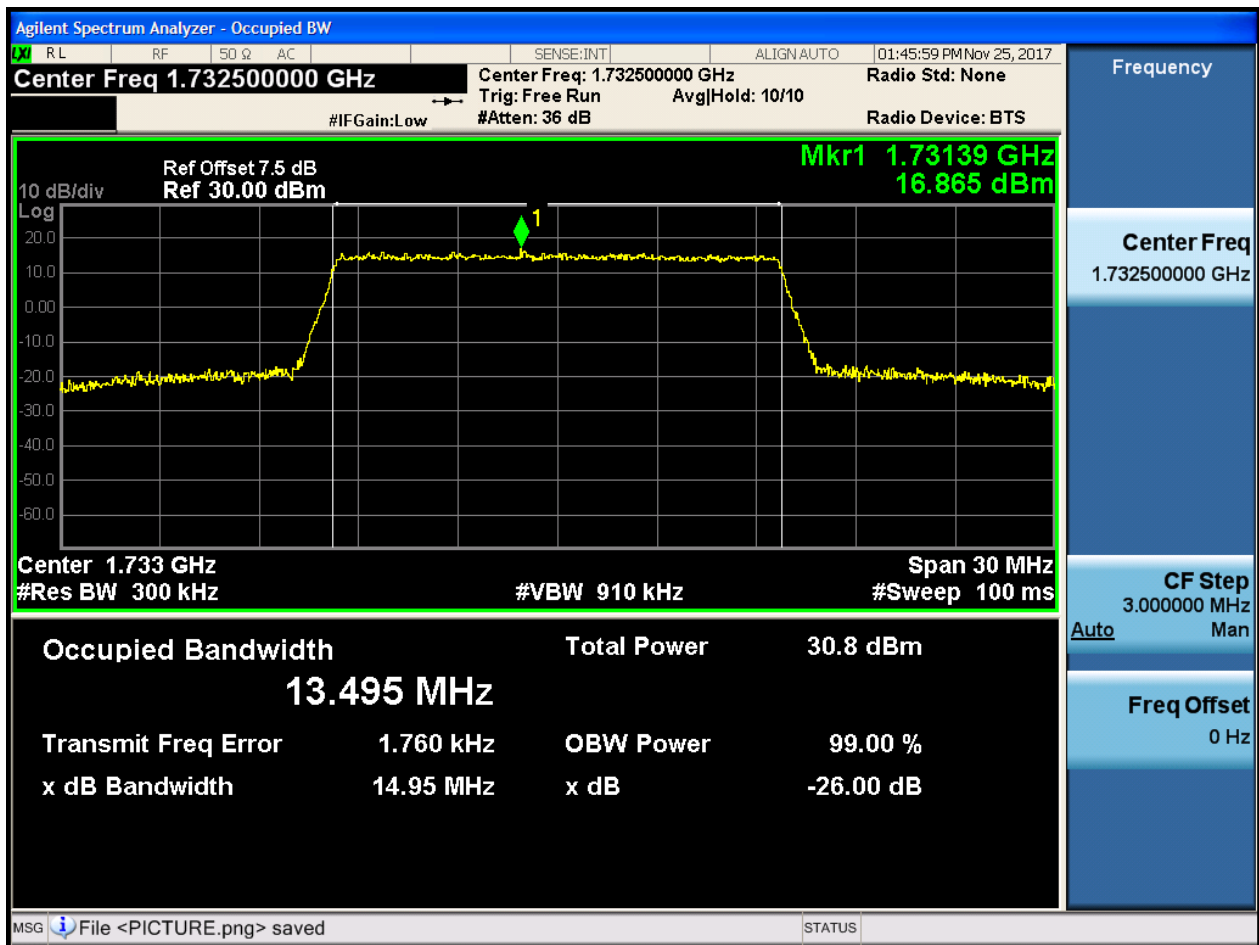
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

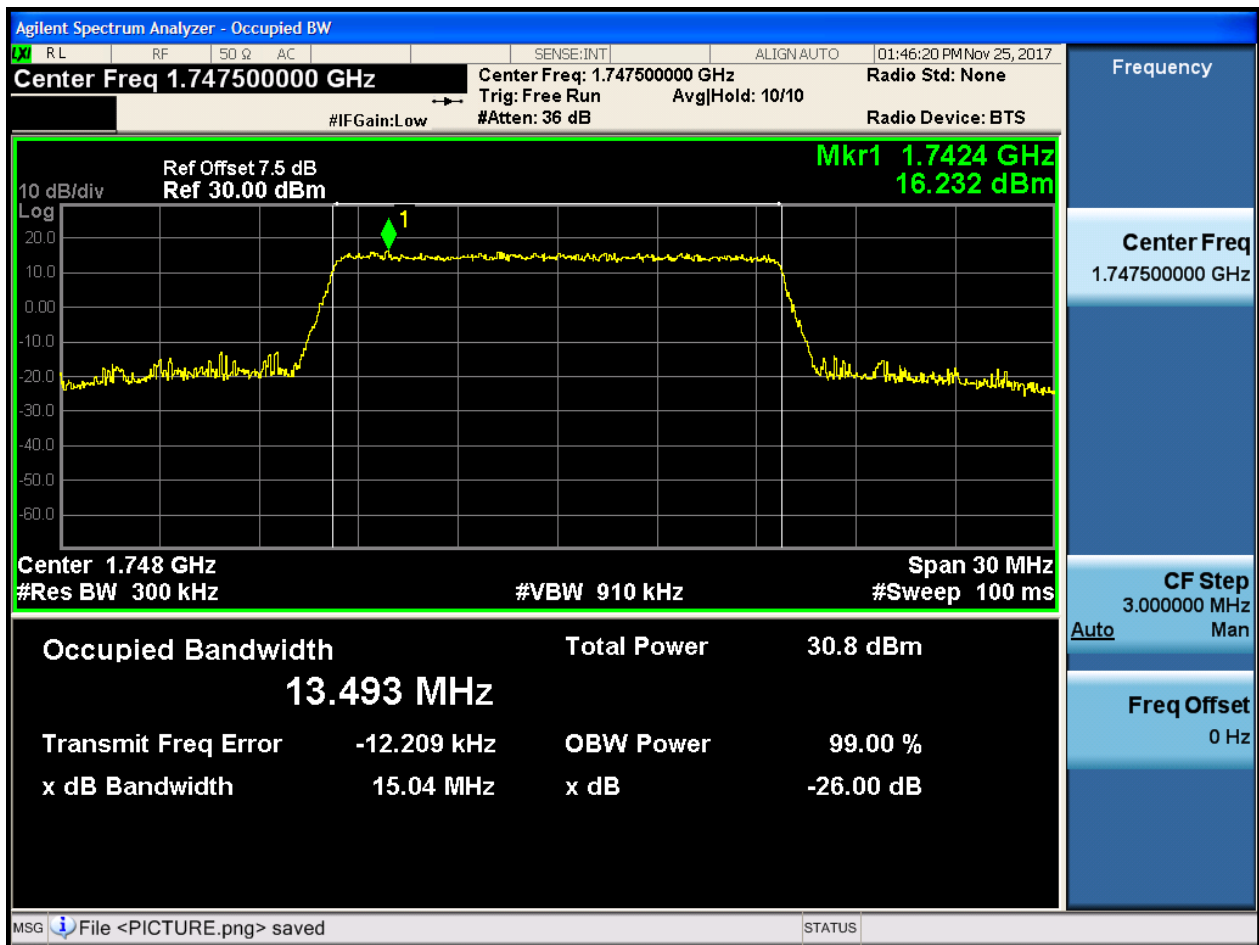
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

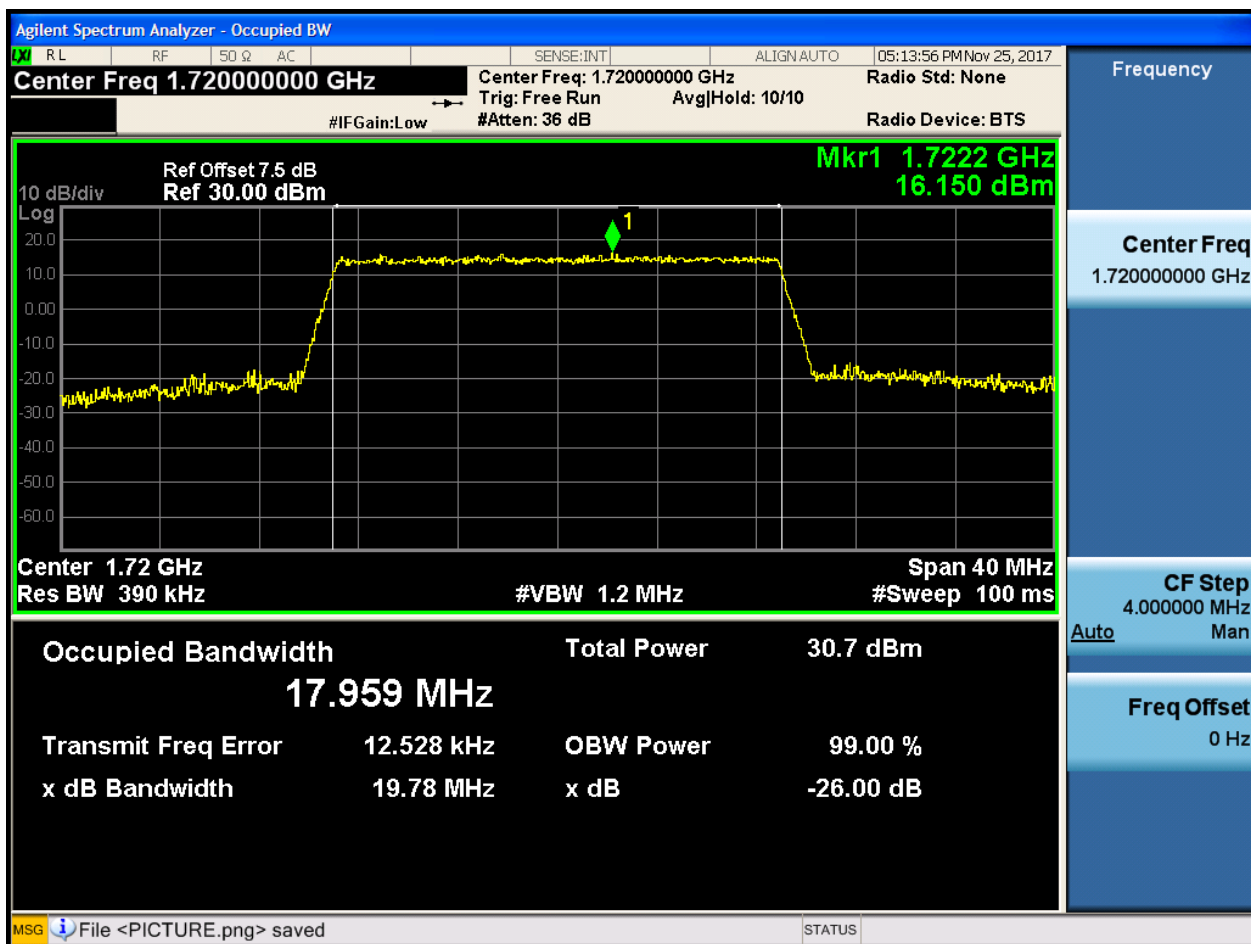




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

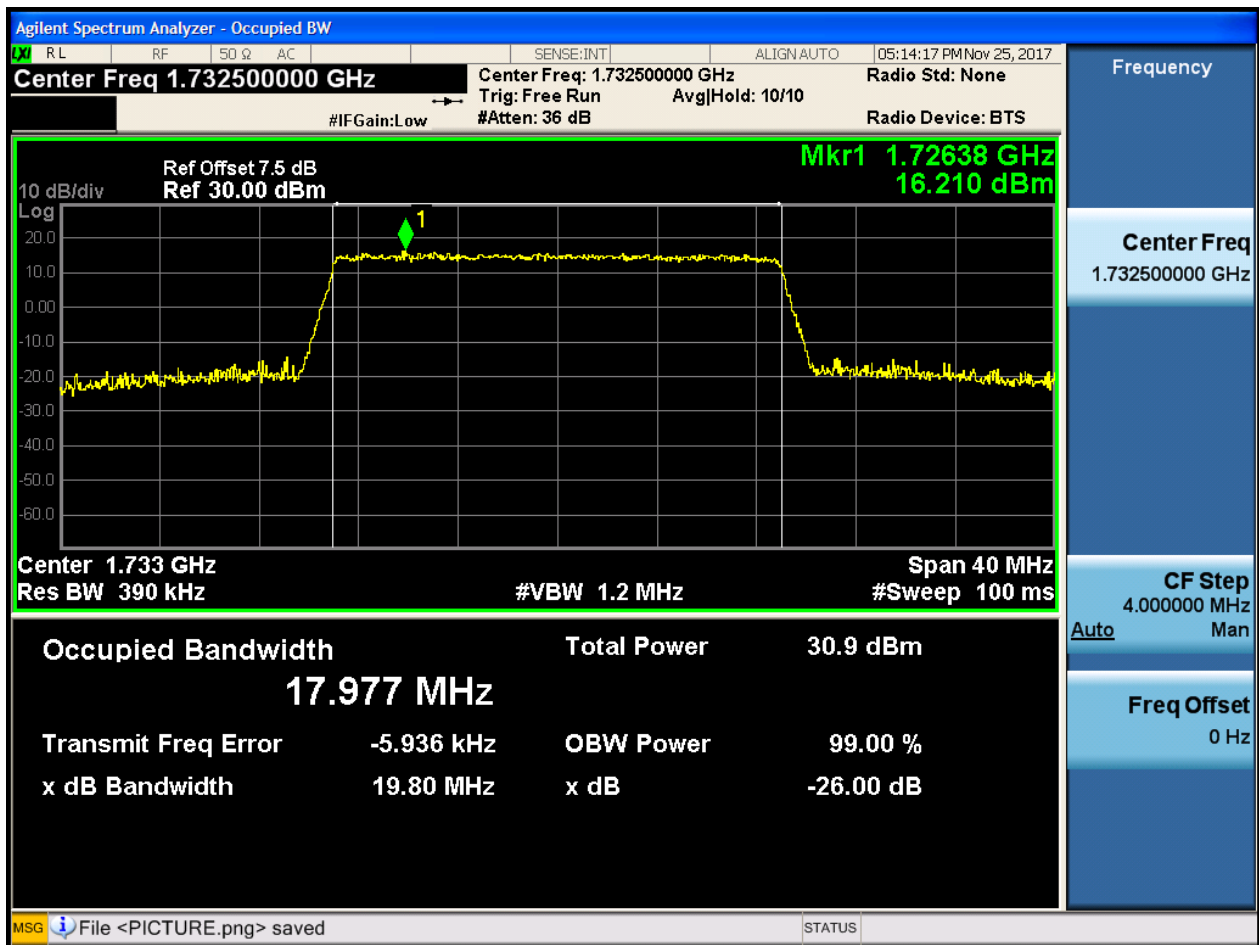
4.1.1.2.6.1.1 Test RB = RB100#0





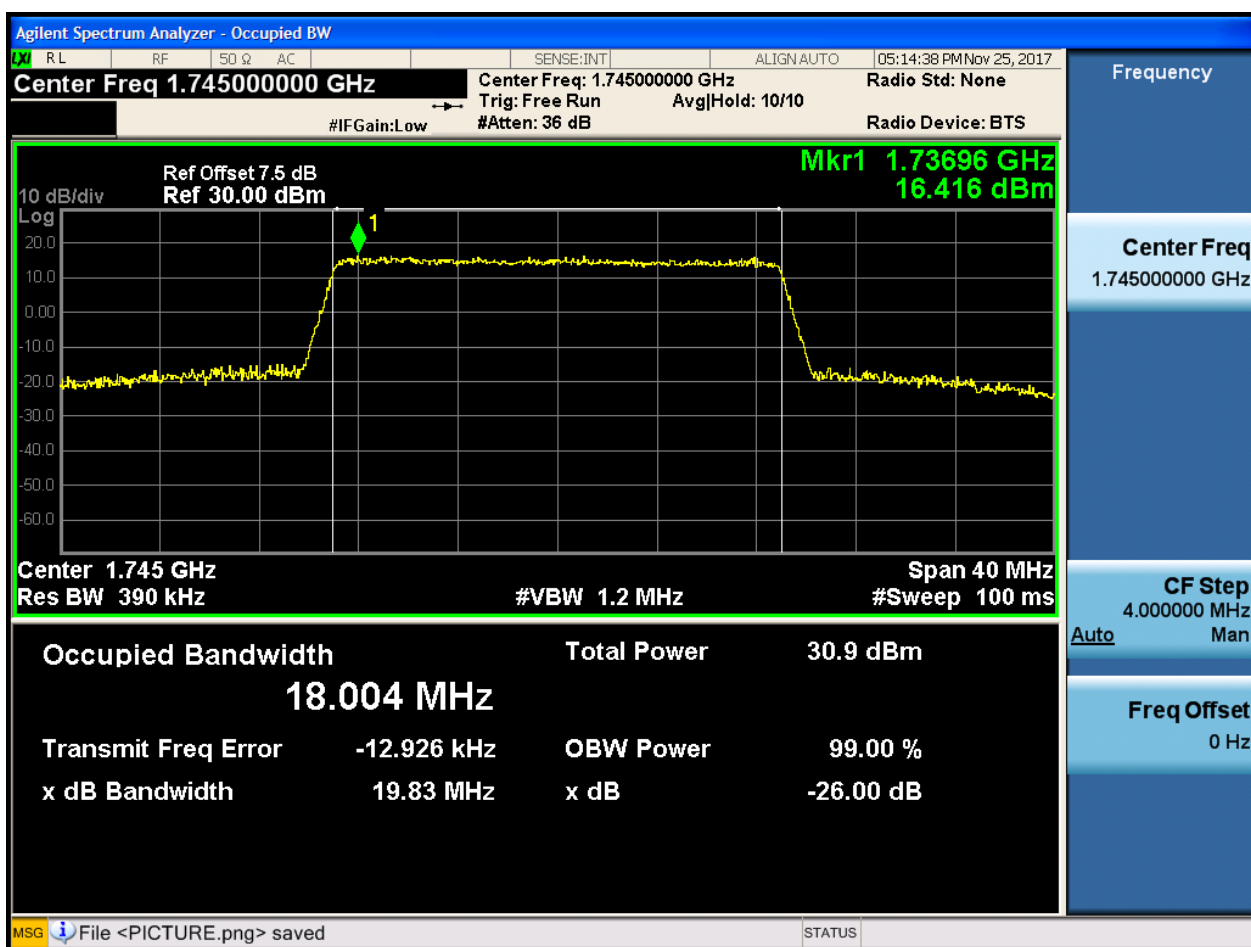
4.1.1.2.6.2 Test Channel = MCH

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

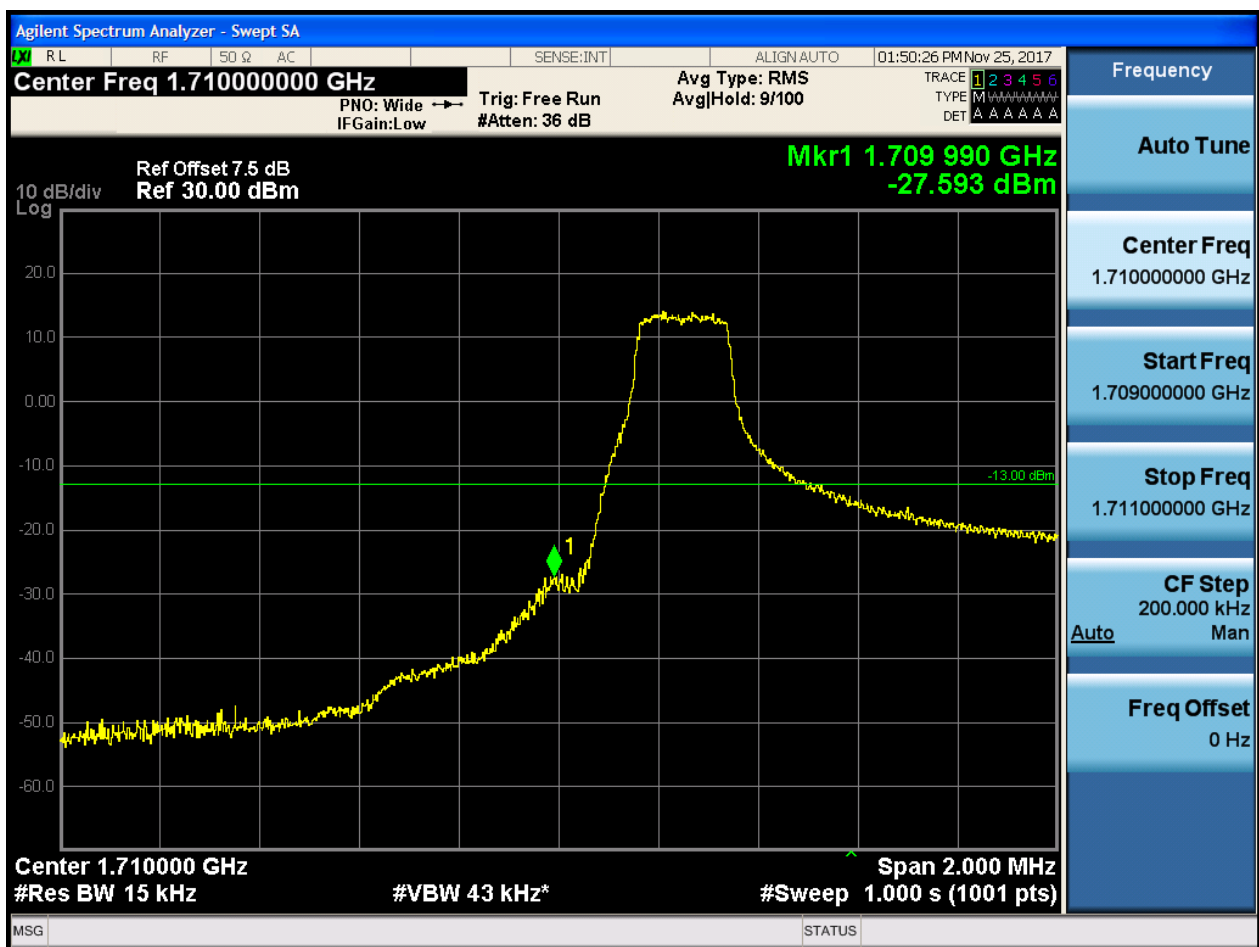
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

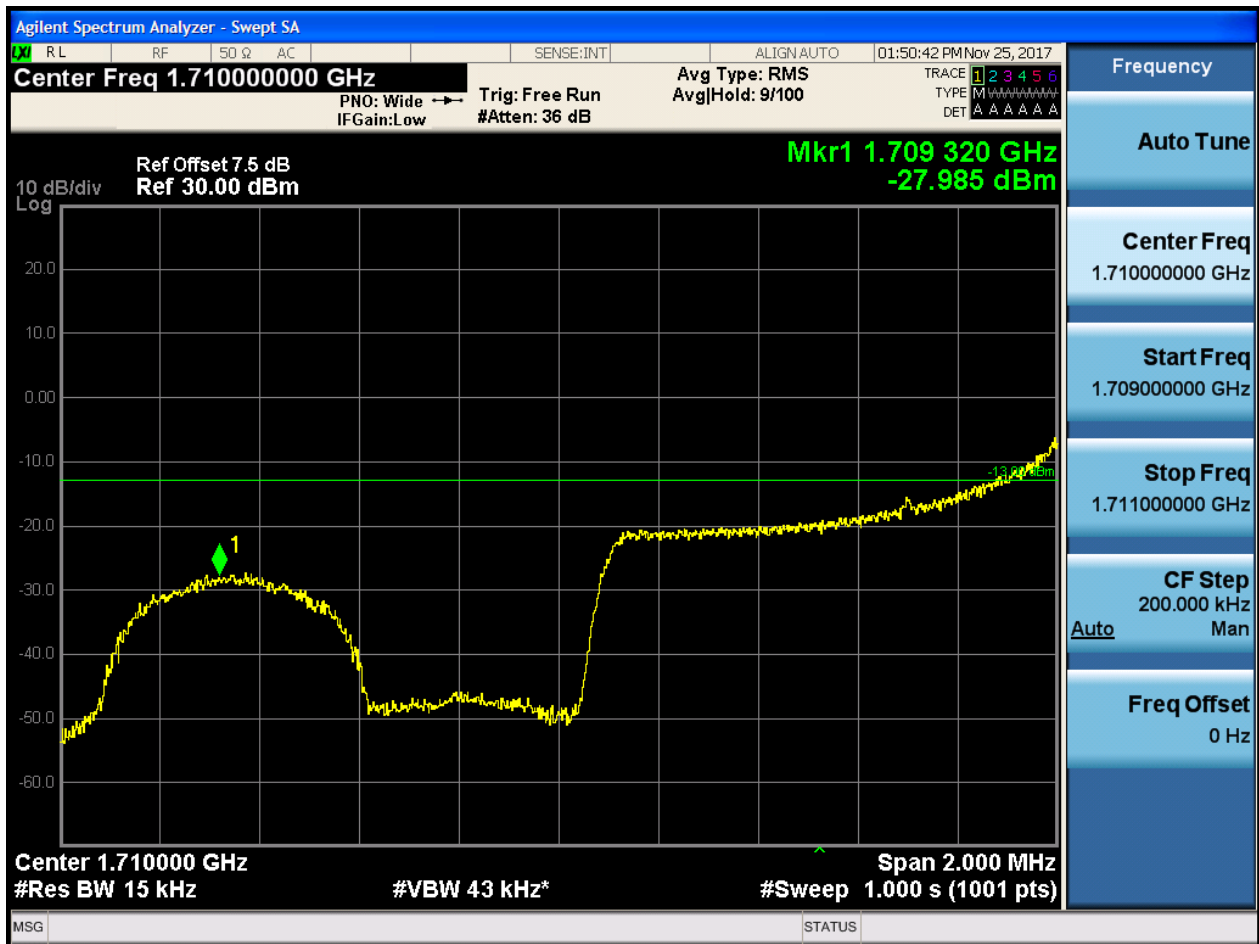
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.710000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.710 000 GHz
-32.031 dBm

Center 1.710000 GHz
#Res BW 15 kHz
#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Auto Tune

Center Freq
1.710000000 GHz

Start Freq
1.709000000 GHz

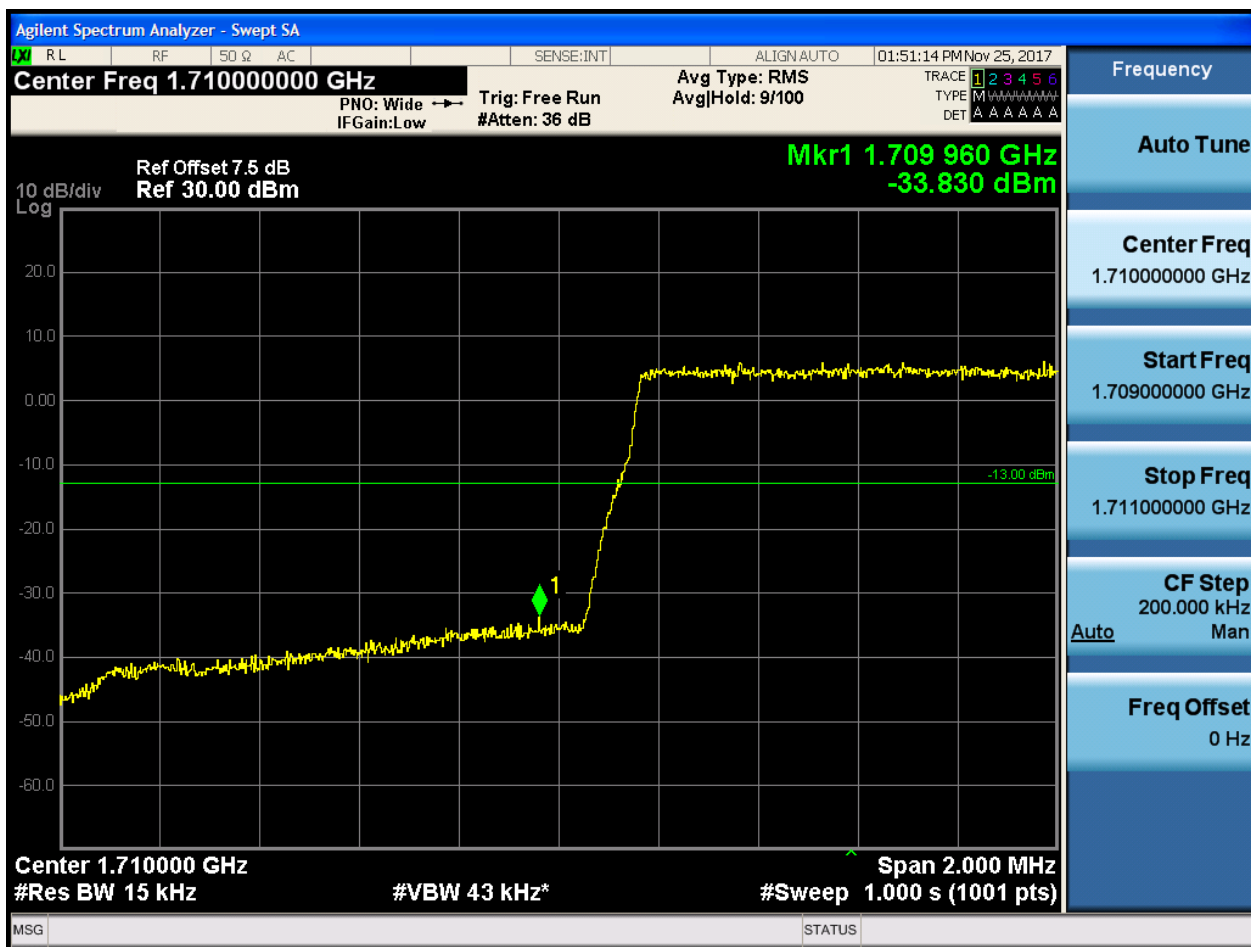
Stop Freq
1.711000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



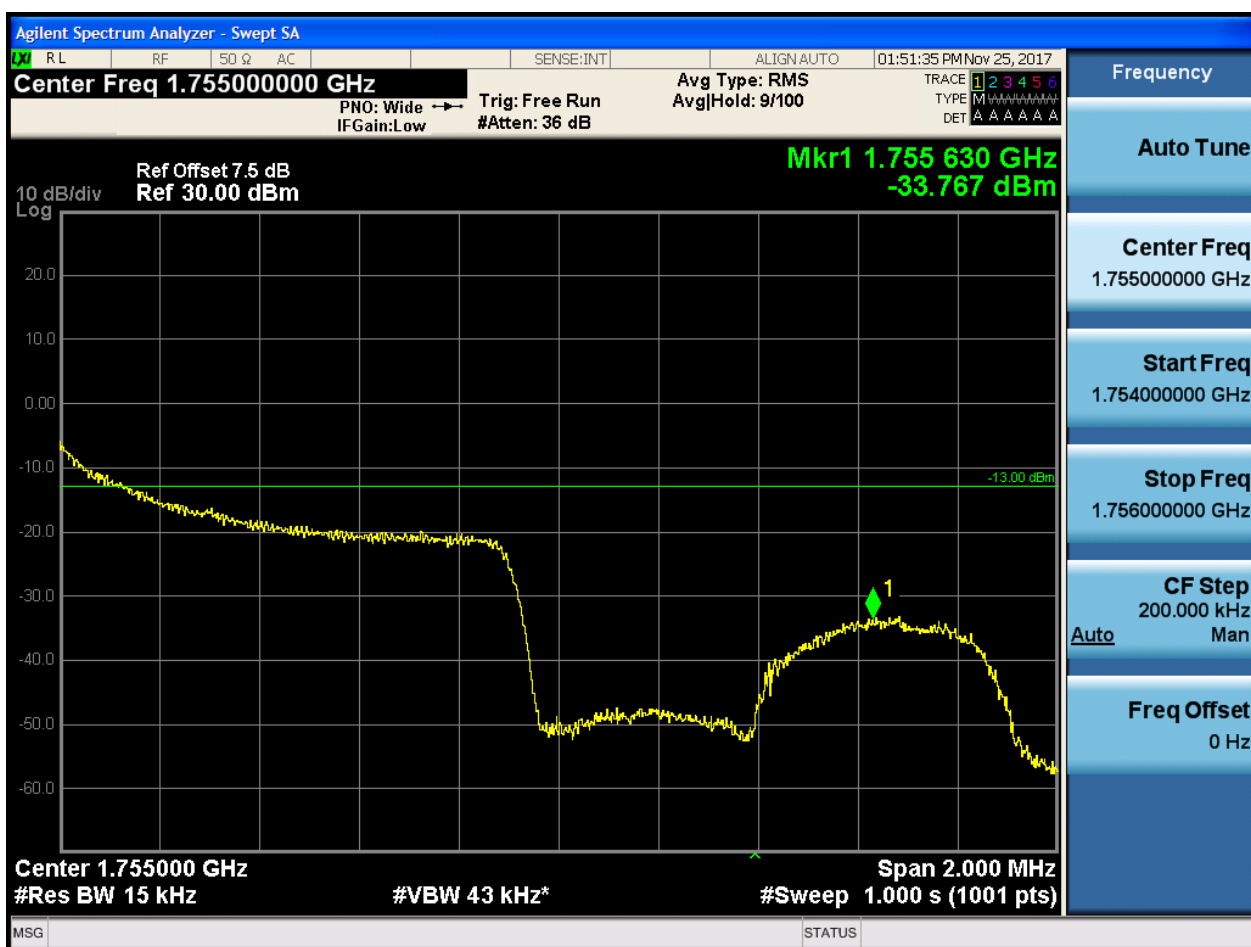
5.1.1.1.1.4 Test RB = RB6#0





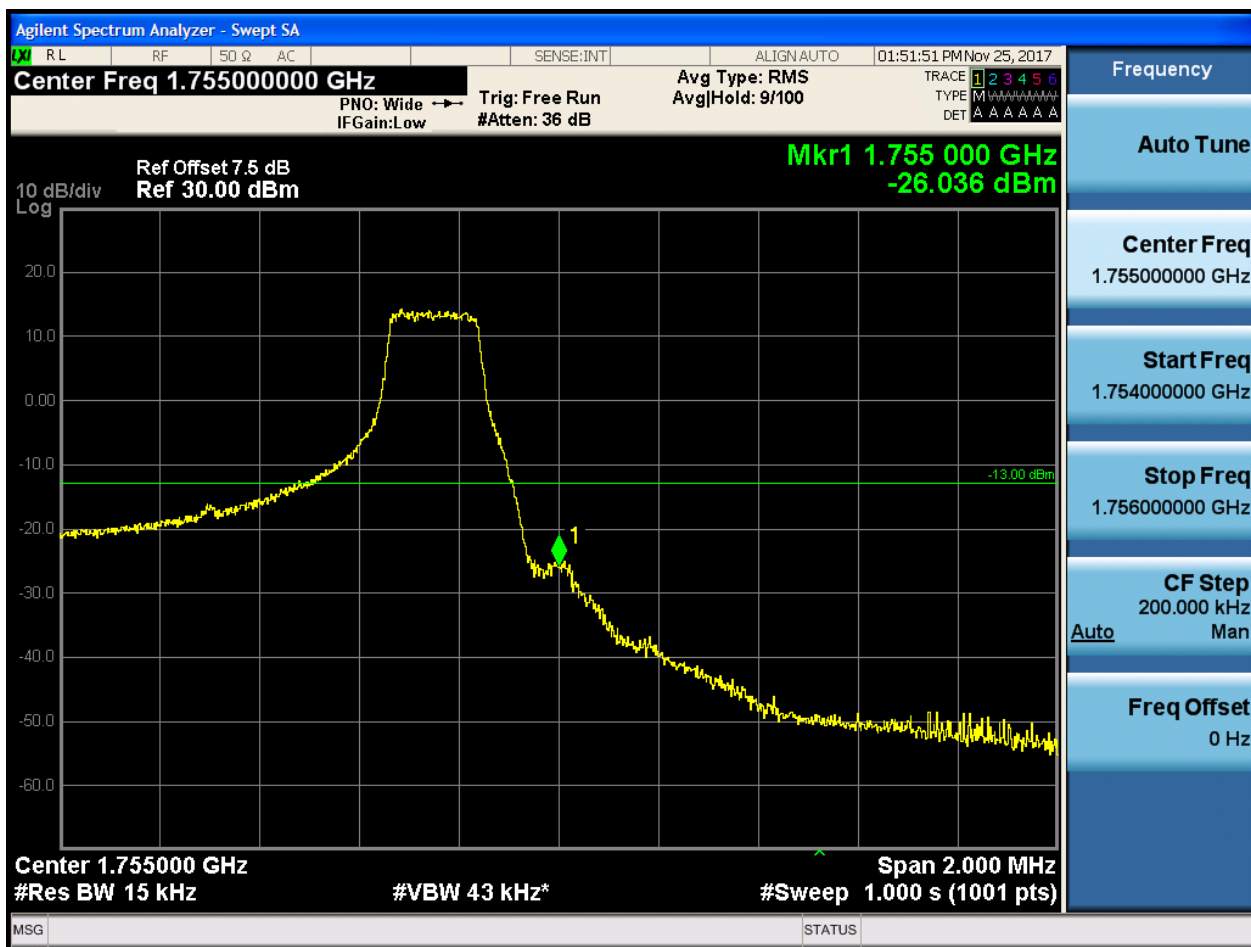
5.1.1.1.1.2 Test Channel = HCH

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

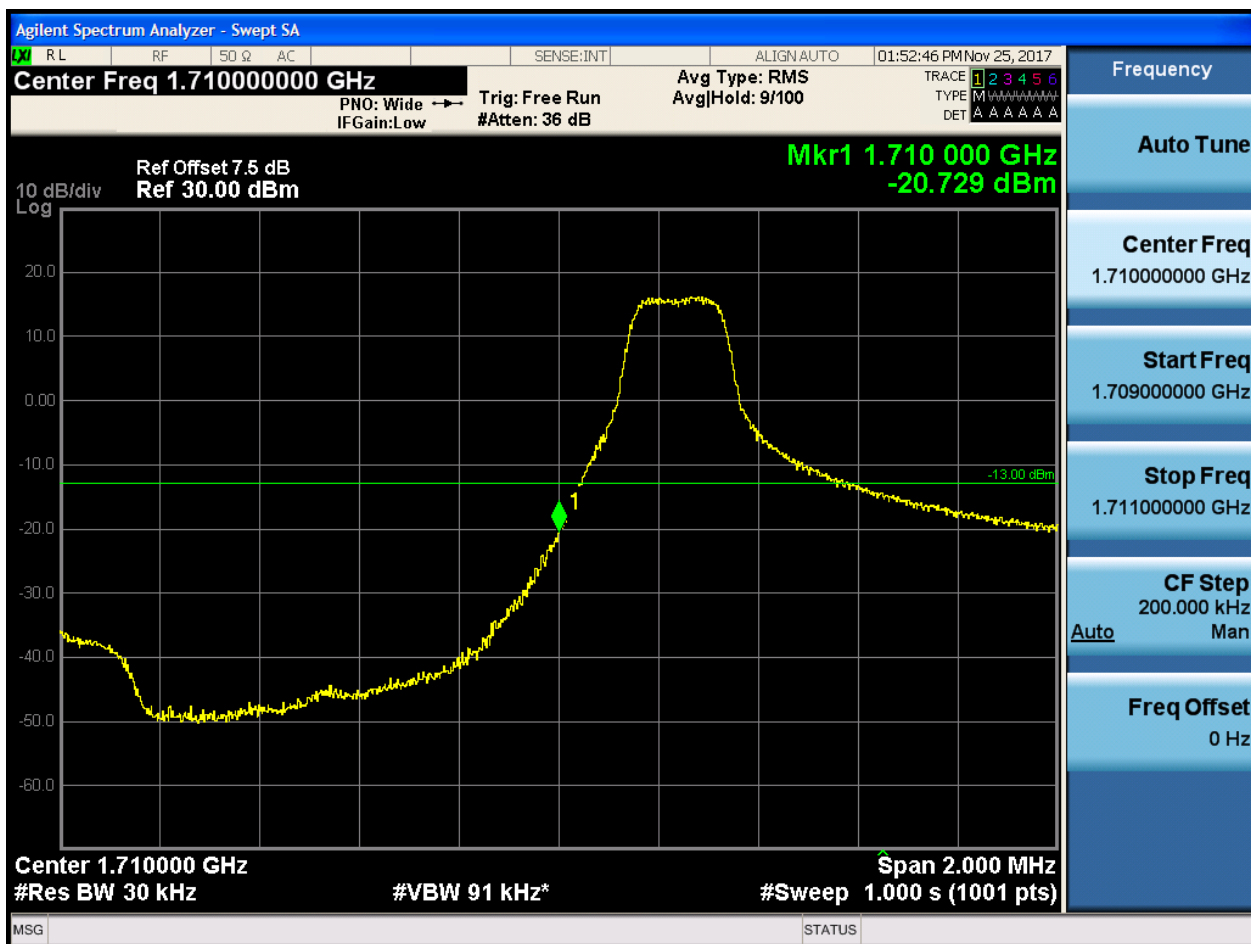


[illegible]

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:53:02 PM Nov 25, 2017

Center Freq 1.710000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.710 000 GHz
-34.669 dBm

10 dB/div
Log

Center 1.710000 GHz
#Res BW 30 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

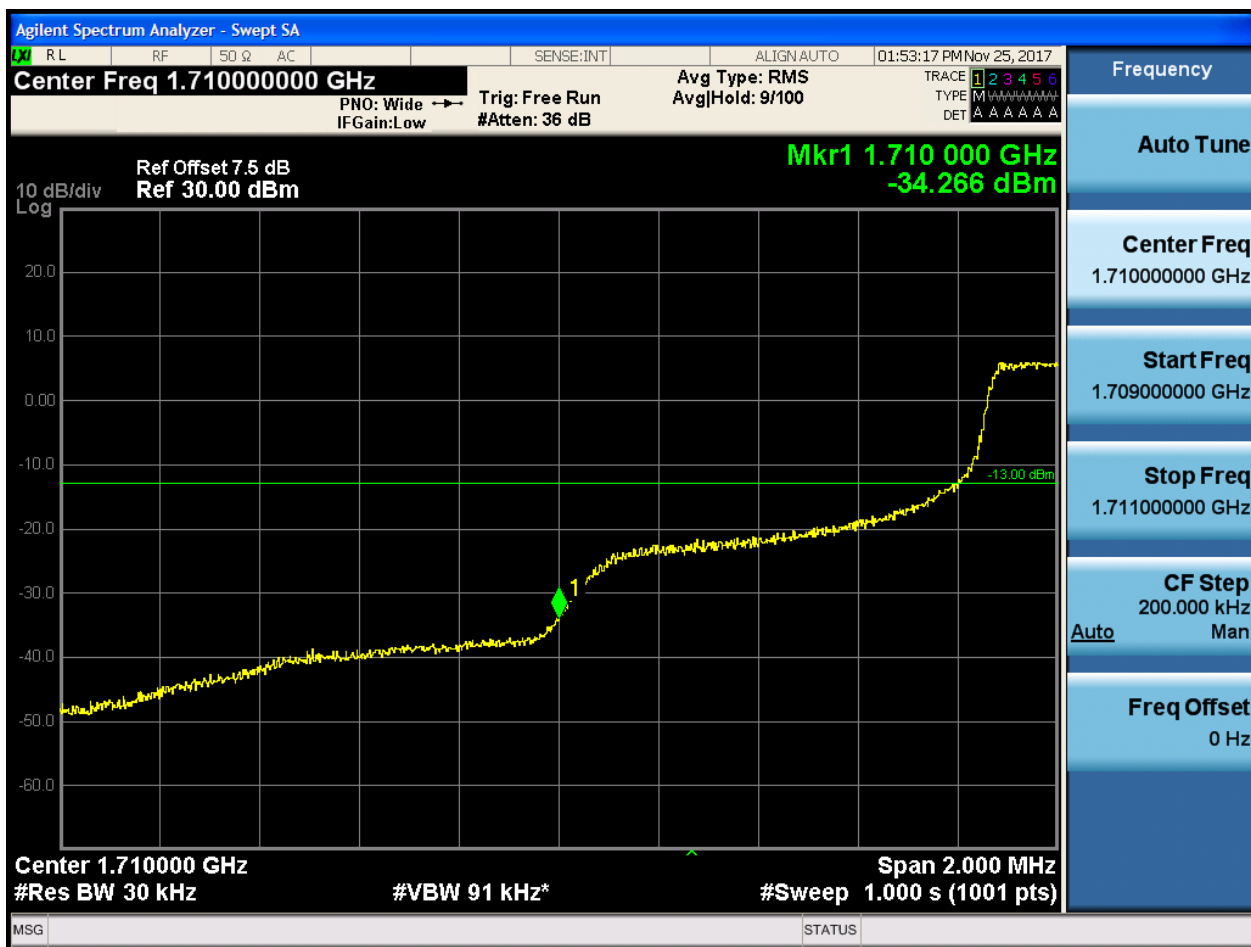
#VBW 91 kHz*

MSG STATUS

Frequency
Auto Tune
Center Freq
1.710000000 GHz
Start Freq
1.709000000 GHz
Stop Freq
1.711000000 GHz
CF Step
200.000 kHz
Auto Man
Freq Offset
0 Hz



5.1.1.1.2.1.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:53:33 PM Nov 25, 2017

Center Freq 1.710000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.710 000 GHz
-30.173 dBm

10 dB/div
Log

Center 1.710000 GHz
#Res BW 30 kHz #VBW 91 kHz* Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.710000000 GHz

Start Freq
1.709000000 GHz

Stop Freq
1.711000000 GHz

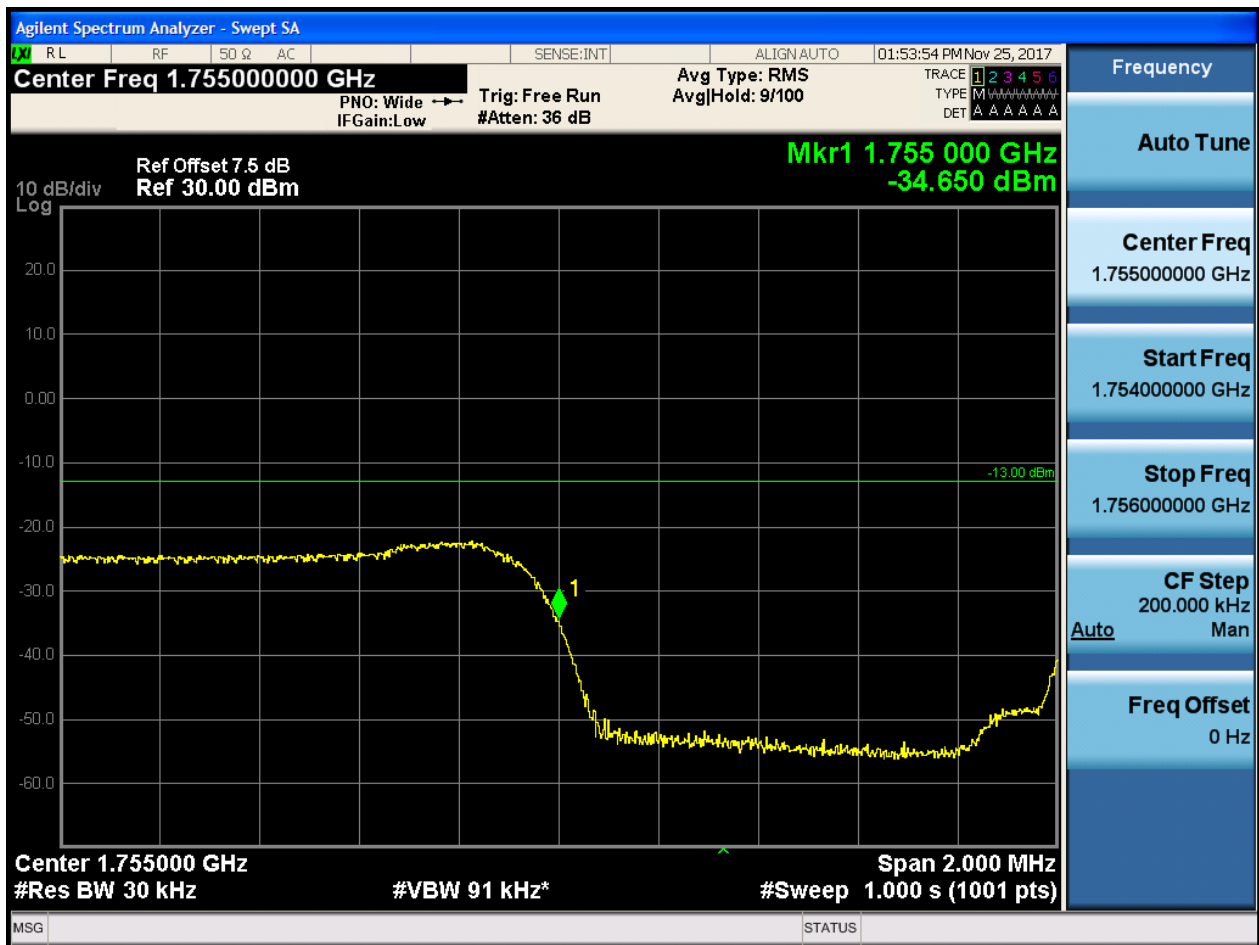
CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



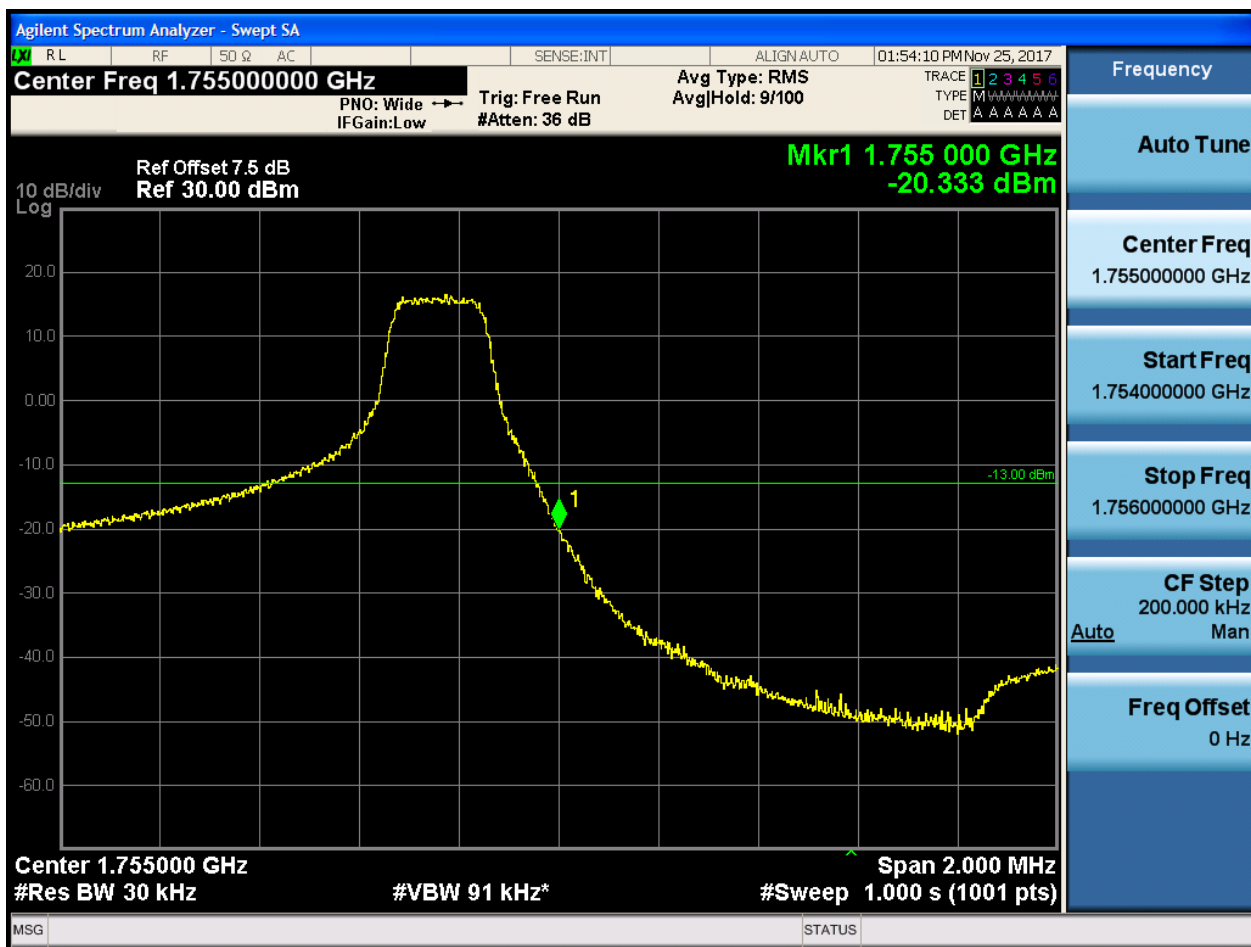
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:54:26 PM Nov 25, 2017

Center Freq 1.755000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Frequency

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

10 dB/div
Log

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 010 GHz
-34.333 dBm

-13.00 dBm

Center 1.755000 GHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:54:42 PM Nov 25, 2017

Center Freq 1.755000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-30.594 dBm

10 dB/div
Log

-13.00 dBm

Center 1.755000 GHz
#Res BW 30 kHz
#VBW 91 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto Man

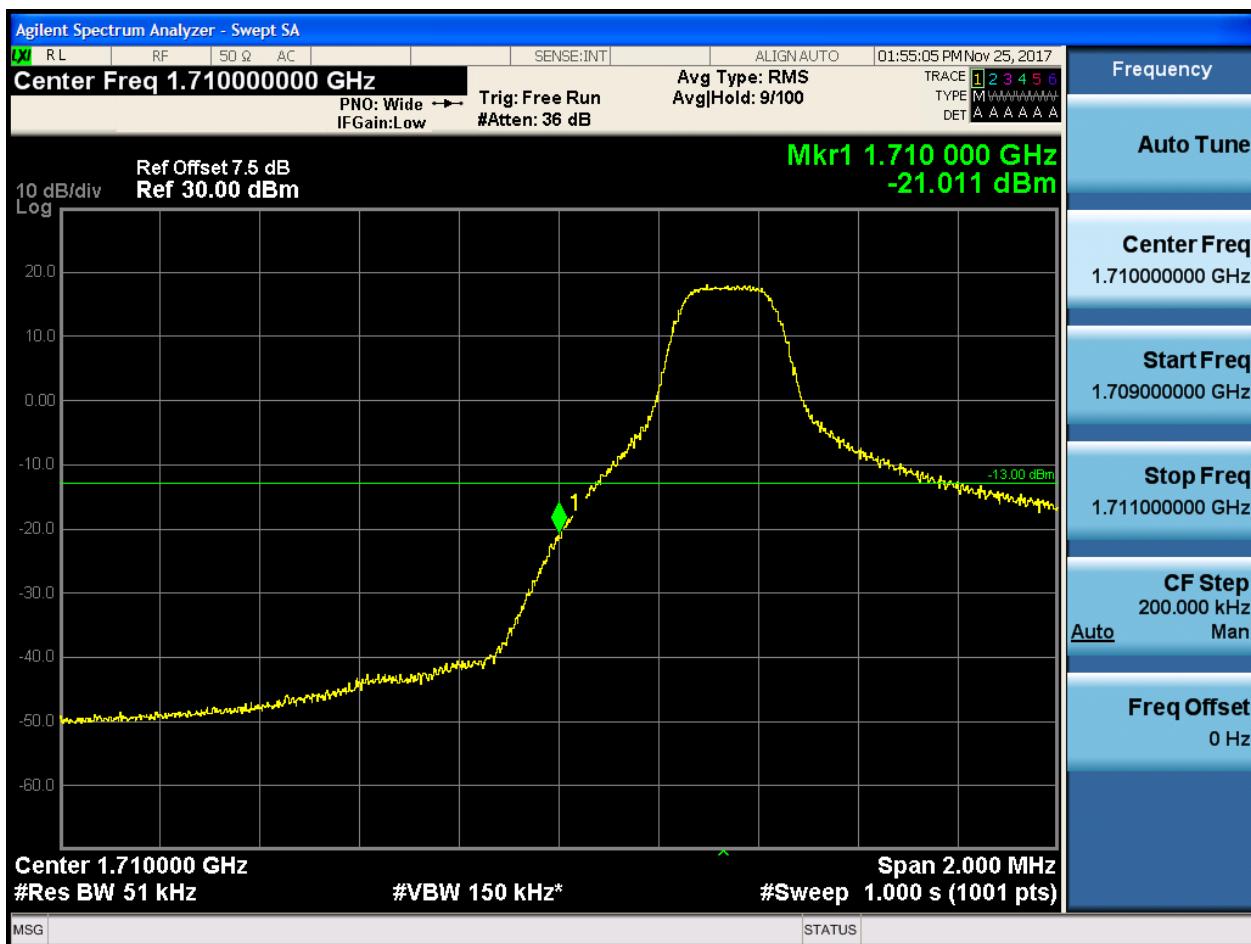
Freq Offset
0 Hz



5.1.1.1.3 Test Bandwidth = 5

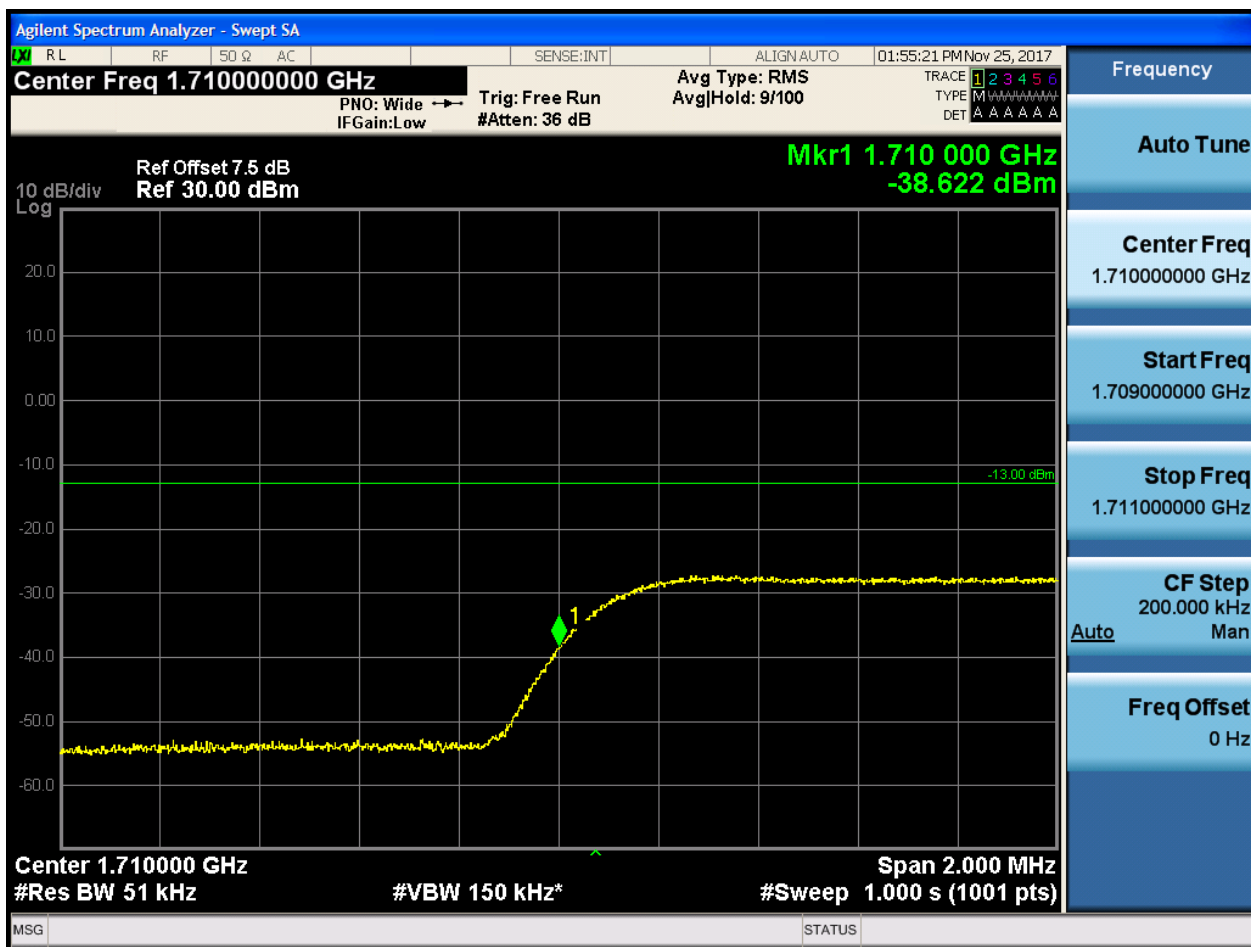
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:55:37 PM Nov 25, 2017

Center Freq 1.710000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Frequency

Auto Tune

Center Freq
1.710000000 GHz

Start Freq
1.709000000 GHz

Stop Freq
1.711000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

10 dB/div Log Ref Offset 7.5 dB Ref 30.00 dBm

Mkr1 1.710 000 GHz
-36.334 dBm

Center 1.710000 GHz Span 2.000 MHz
#Res BW 51 kHz #VBW 150 kHz* #Sweep 1.000 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

Center Freq 1.710000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.709 990 GHz
-32.755 dBm

Center Freq 1.710000000 GHz

Start Freq 1.709000000 GHz

Stop Freq 1.711000000 GHz

CF Step 200.000 kHz
Auto

Freq Offset 0 Hz

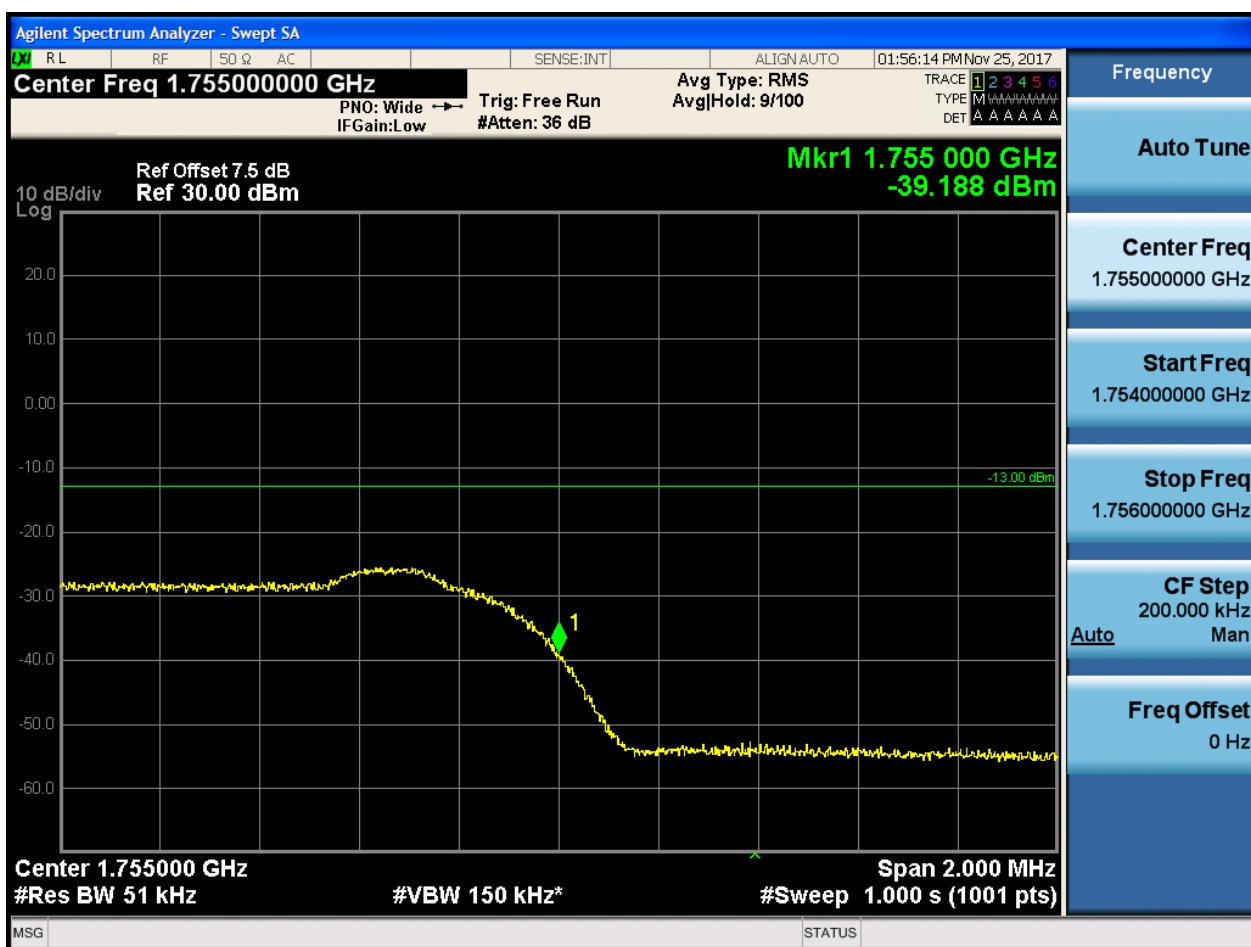
Center 1.710000 GHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)



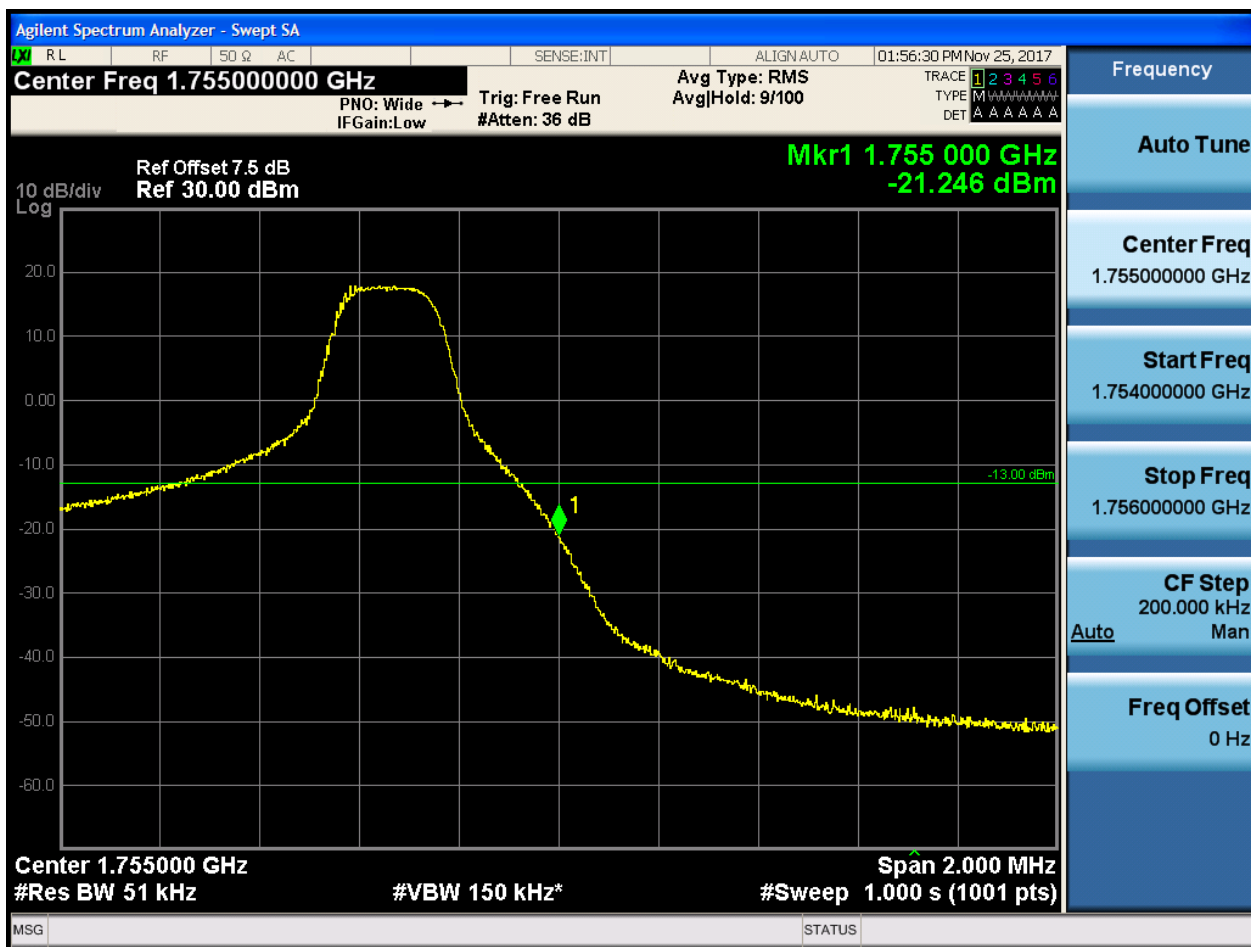
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:56:45 PM Nov 25, 2017

Center Freq 1.755000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-34.261 dBm

10 dB/div
Log

-13.00 dBm

Center 1.755000 GHz Span 2.000 MHz
#Res BW 51 kHz #VBW 150 kHz* #Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq
1.755000000 GHz
Start Freq
1.754000000 GHz
Stop Freq
1.756000000 GHz
CF Step
200.000 kHz
Auto Man
Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:57:01 PM Nov 25, 2017

Center Freq 1.755000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-31.056 dBm

10 dB/div
Log

Center 1.755000 GHz
#Res BW 51 kHz
#VBW 150 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto Man

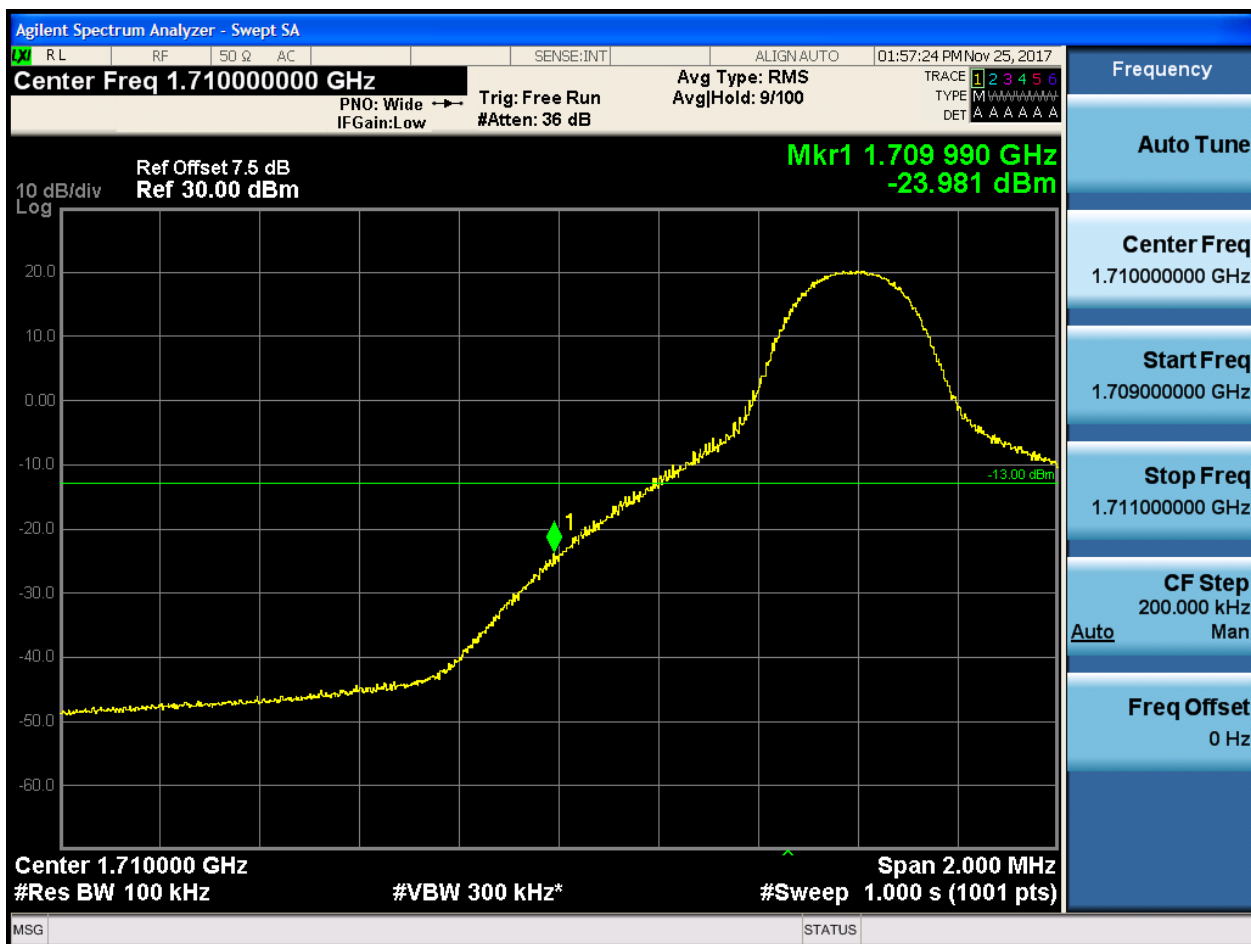
Freq Offset
0 Hz



5.1.1.1.4 Test Bandwidth = 10

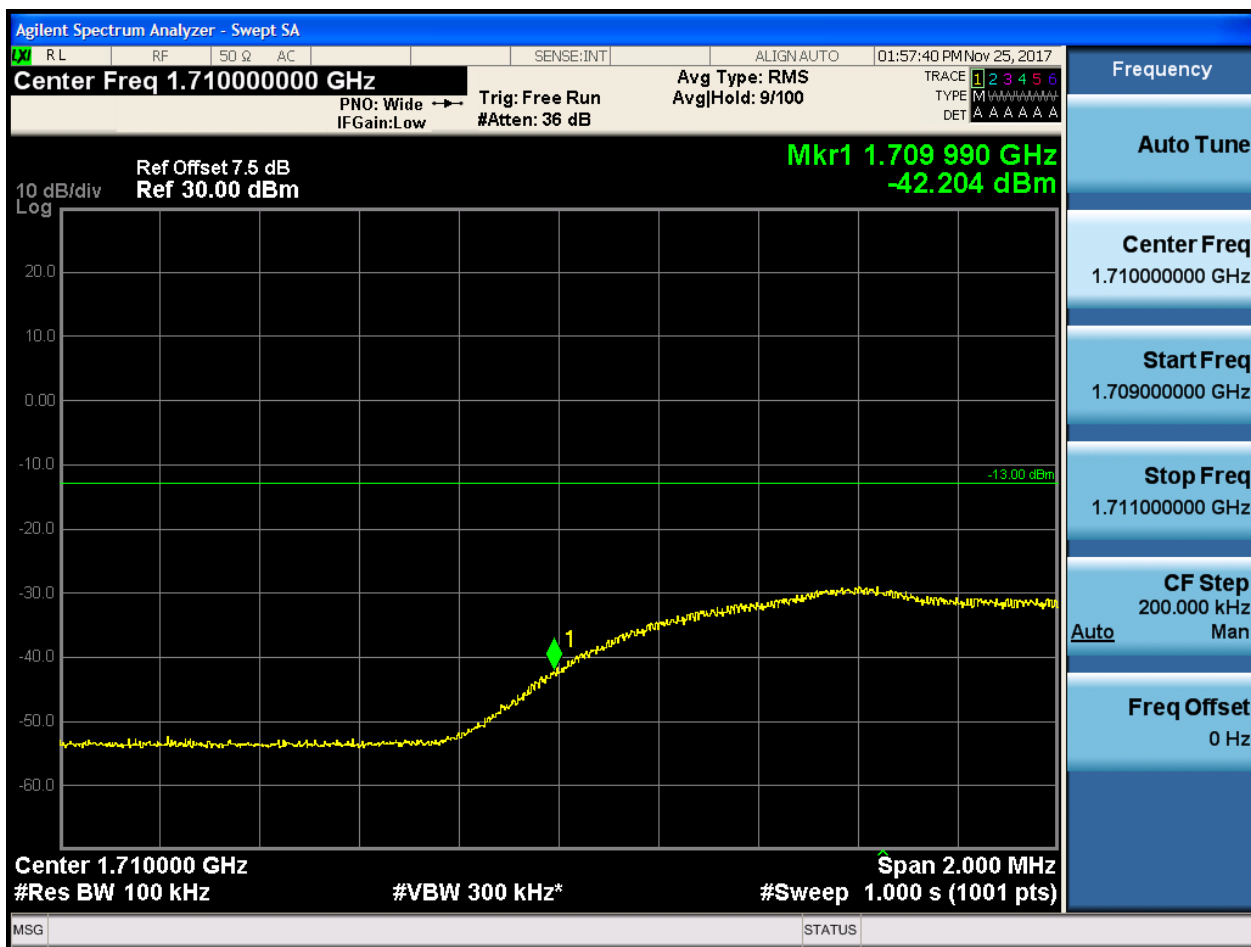
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49



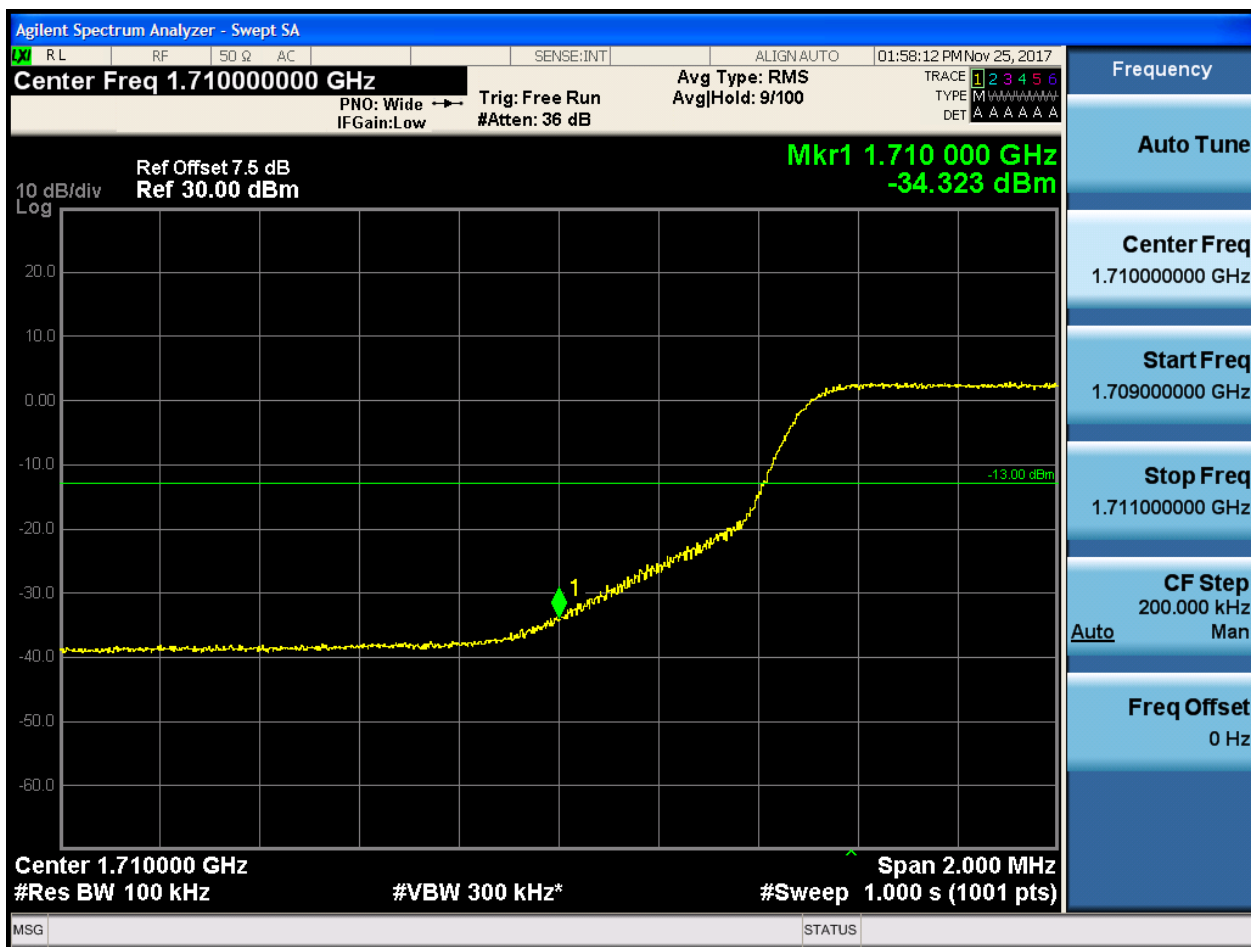


5.1.1.1.4.1.3 Test RB = RB25#13





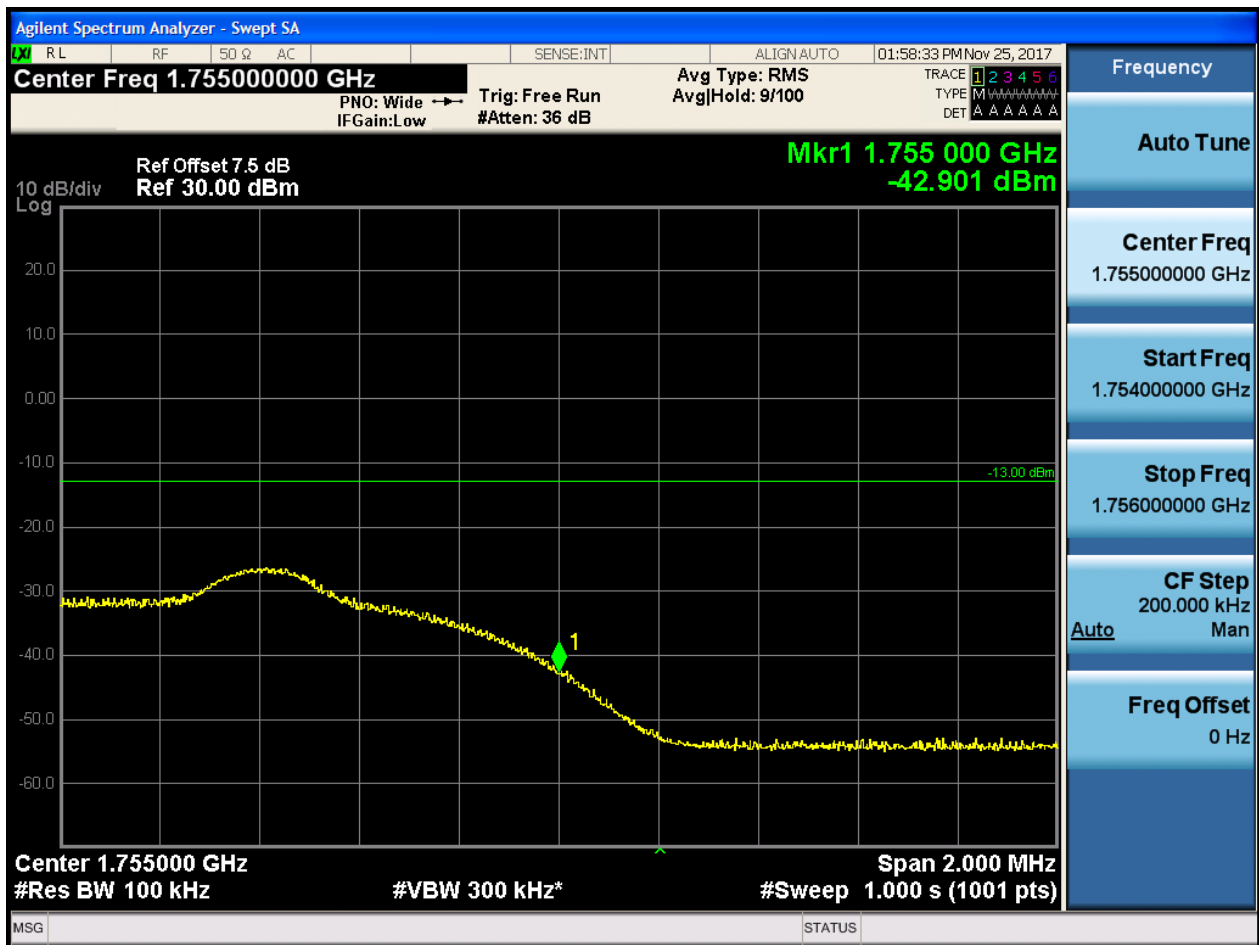
5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:58:49 PM Nov 25, 2017

Center Freq 1.755000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-24.398 dBm

10 dB/div
Log

Center Freq 1.755000000 GHz
Start Freq 1.754000000 GHz
Stop Freq 1.756000000 GHz
CF Step 200.000 kHz
Auto Man
Freq Offset 0 Hz

Center 1.755000 GHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:59:05 PM Nov 25, 2017

Center Freq 1.755000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 240 GHz
-37.253 dBm

10 dB/div
Log

-13.00 dBm

Center 1.755000 GHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:59:21 PM Nov 25, 2017

Center Freq 1.755000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 010 GHz
-33.796 dBm

10 dB/div
Log

Center 1.755000 GHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

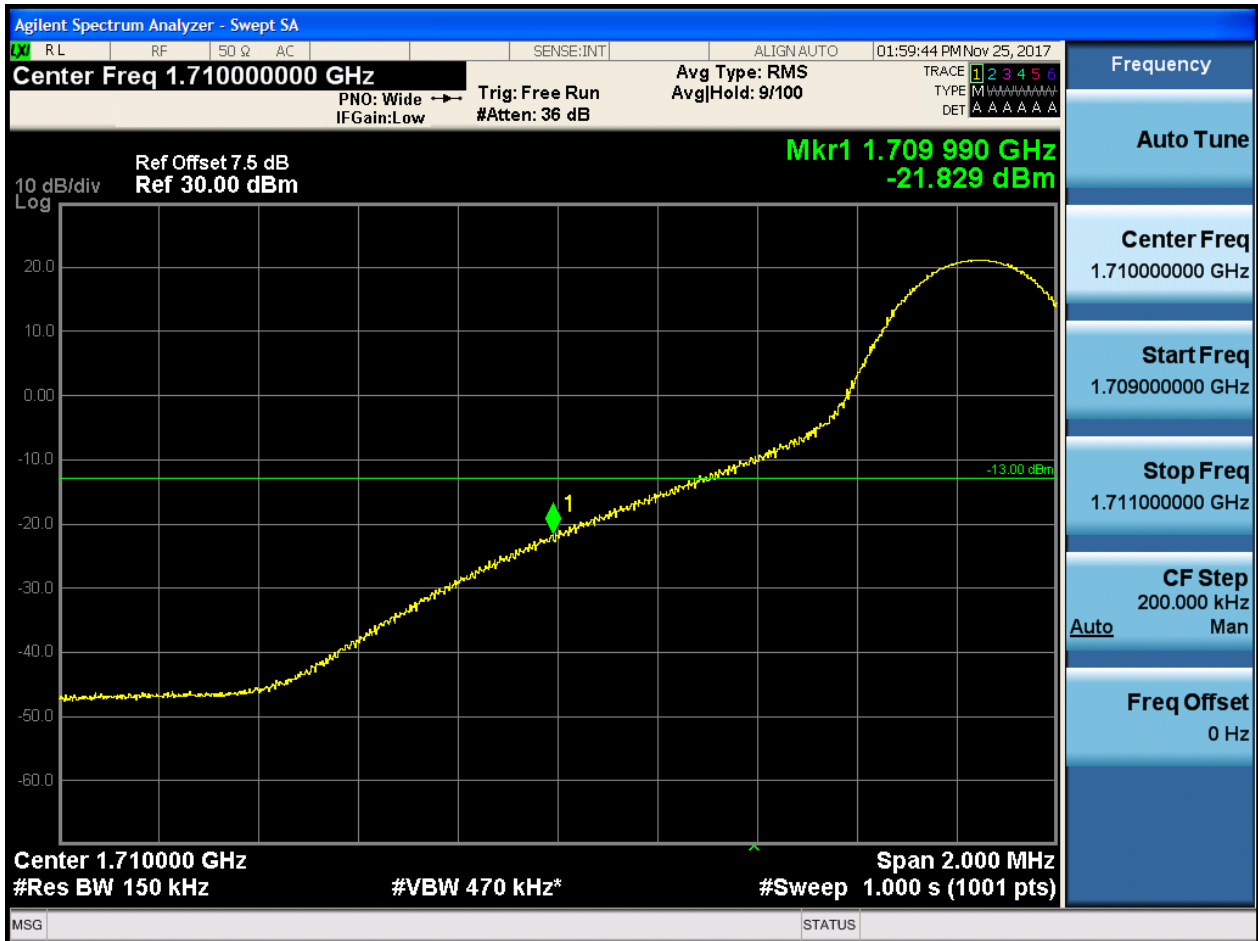
Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



5.1.1.1.5.1.1 Test RB = RB1#0



5.1.1.1.5.1.2 Test RB = RB1#74





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:00:16 PM Nov 25, 2017

Center Freq 1.710000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.709 970 GHz
-36.888 dBm

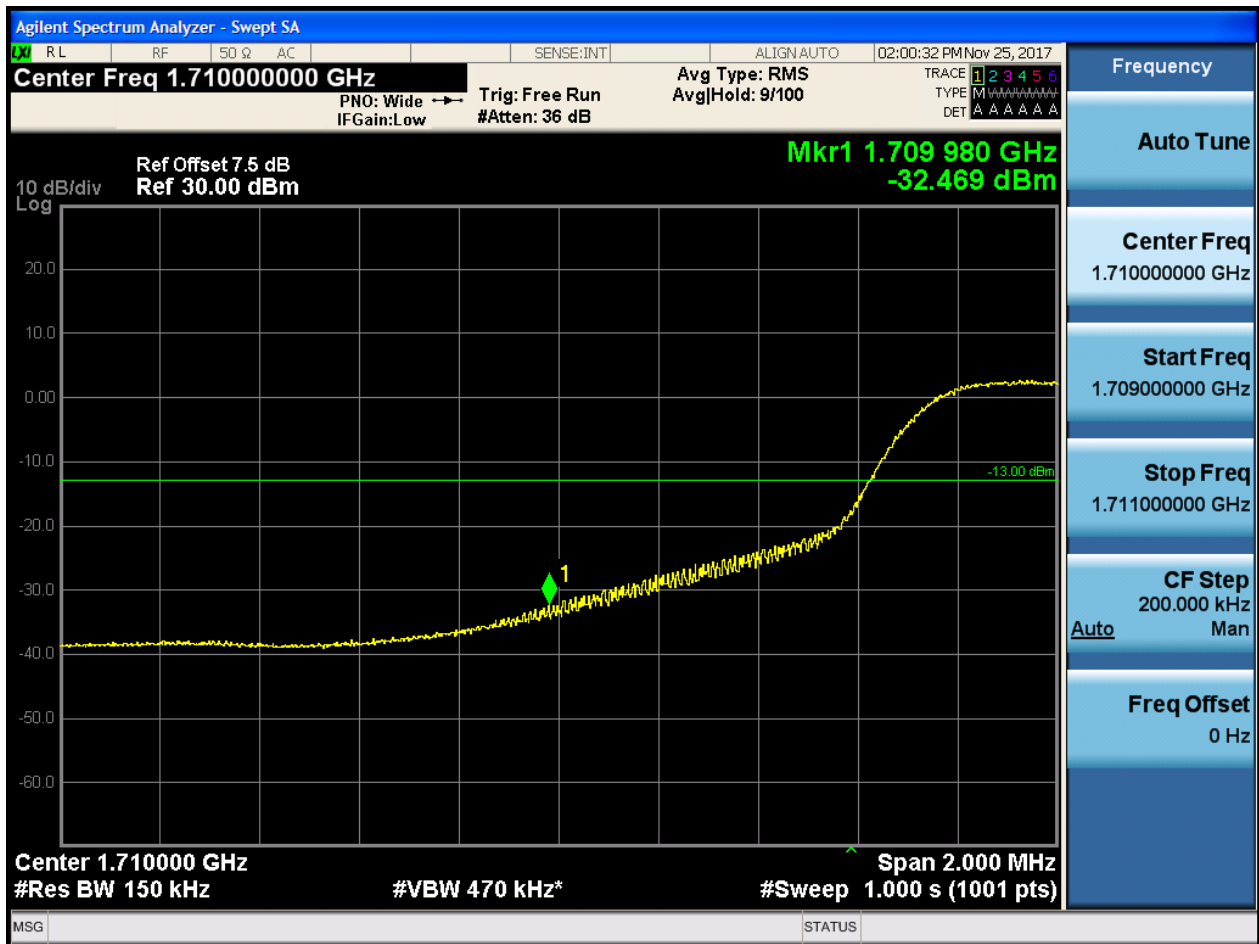
10 dB/div
Log

Center 1.710000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



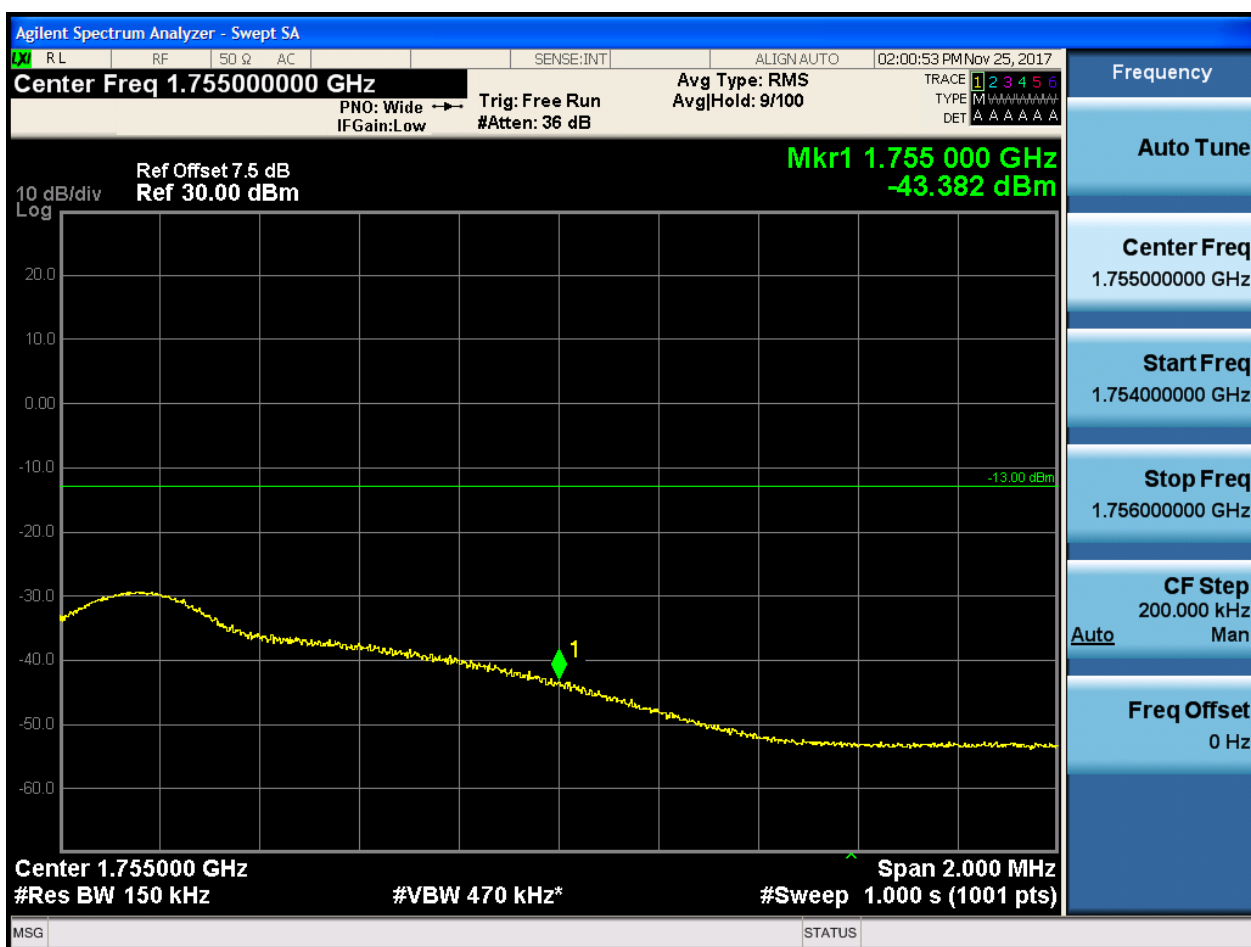
5.1.1.1.5.1.4 Test RB = RB75#0





5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:01:09 PM Nov 25, 2017

Center Freq 1.755000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-22.255 dBm

10 dB/div
Log

Center 1.755000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



5.1.1.1.5.2.3 Test RB = RB38#19



5.1.1.1.5.2.4 Test RB = RB75#0

