Appendix for LTE B4

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Conducted power[dBm]	EIRP(dBm)	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	23.52	23.82	30	PASS
				RB1#3	23.6	23.9	30	PASS
				RB1#5	23.46	23.76	30	PASS
				RB3#0	23.53	23.83	30	PASS
				RB3#2	23.53	23.83	30	PASS
				RB3#3	23.47	23.77	30	PASS
				RB6#0	22.56	22.86	30	PASS
			MCH	RB1#0	23.85	24.15	30	PASS
				RB1#3	23.86	24.16	30	PASS
				RB1#5	23.81	24.11	30	PASS
				RB3#0	23.84	24.14	30	PASS
				RB3#2	23.83	24.13	30	PASS
				RB3#3	23.78	24.08	30	PASS
				RB6#0	22.88	23.18	30	PASS
			HCH	RB1#0	23.69	23.99	30	PASS
				RB1#3	23.75	24.05	30	PASS
				RB1#5	23.62	23.92	30	PASS
				RB3#0	23.74	24.04	30	PASS
				RB3#2	23.72	24.02	30	PASS
				RB3#3	23.66	23.96	30	PASS
				RB6#0	22.83	23.13	30	PASS
		3	LCH	RB1#0	23.32	23.62	30	PASS
				RB1#7	23.59	23.89	30	PASS
				RB1#14	23.31	23.61	30	PASS
				RB8#0	22.58	22.88	30	PASS
				RB8#4	22.58	22.88	30	PASS
				RB8#7	22.5	22.8	30	PASS
				RB15#0	22.53	22.83	30	PASS
			MCH	RB1#0	23.75	24.05	30	PASS
				RB1#7	24	24.3	30	PASS
				RB1#14	23.62	23.92	30	PASS
				RB8#0	22.89	23.19	30	PASS
				RB8#4	22.9	23.2	30	PASS
				RB8#7	22.83	23.13	30	PASS
				RB15#0	22.85	23.15	30	PASS
			HCH	RB1#0	23.65	23.95	30	PASS
				RB1#7	23.78	24.08	30	PASS
				RB1#14	23.52	23.82	30	PASS

				RB8#0	22.82	23.12	30	PASS
				RB8#4	22.81	23.11	30	PASS
				RB8#7	22.78	23.08	30	PASS
				RB15#0	22.78	23.08	30	PASS
		5	LCH	RB1#0	23.34	23.64	30	PASS
				RB1#13	23.58	23.88	30	PASS
				RB1#24	23.17	23.47	30	PASS
				RB12#0	22.56	22.86	30	PASS
				RB12#6	22.6	22.9	30	PASS
				RB12#13	22.38	22.68	30	PASS
				RB25#0	22.47	22.77	30	PASS
			MCH	RB1#0	23.63	23.93	30	PASS
				RB1#13	23.85	24.15	30	PASS
				RB1#24	23.41	23.71	30	PASS
				RB12#0	22.85	23.15	30	PASS
				RB12#6	22.94	23.24	30	PASS
				RB12#13	22.74	23.04	30	PASS
				RB25#0	22.79	23.09	30	PASS
			HCH	RB1#0	23.55	23.85	30	PASS
				RB1#13	23.72	24.02	30	PASS
				RB1#24	23.3	23.6	30	PASS
				RB12#0	22.82	23.12	30	PASS
				RB12#6	22.87	23.17	30	PASS
				RB12#13	22.68	22.98	30	PASS
				RB25#0	22.77	23.07	30	PASS
		10	LCH	RB1#0	23.22	23.52	30	PASS
				RB1#25	23.6	23.9	30	PASS
				RB1#49	23.21	23.51	30	PASS
				RB25#0	22.49	22.79	30	PASS
				RB25#13	22.56	22.86	30	PASS
				RB25#25	22.46	22.76	30	PASS
				RB50#0	22.47	22.77	30	PASS
			MCH	RB1#0	23.61	23.91	30	PASS
				RB1#25	23.97	24.27	30	PASS
				RB1#49	23.72	24.02	30	PASS
				RB25#0	22.76	23.06	30	PASS
				RB25#13	22.86	23.16	30	PASS
				RB25#25	22.82	23.12	30	PASS
				RB50#0	22.83	23.13	30	PASS
			HCH	RB1#0	23.52	23.82	30	PASS
				RB1#25	23.88	24.18	30	PASS

				RB1#49	23.46	23.76	30	PASS
				RB25#0	22.71	23.01	30	PASS
				RB25#13	22.8	23.1	30	PASS
				RB25#25	22.69	22.99	30	PASS
				RB50#0	22.73	23.03	30	PASS
		15	LCH	RB1#0	23.38	23.68	30	PASS
				RB1#38	23.64	23.94	30	PASS
				RB1#74	23.4	23.7	30	PASS
				RB38#0	22.58	22.88	30	PASS
				RB38#19	22.63	22.93	30	PASS
				RB38#39	22.56	22.86	30	PASS
				RB75#0	22.57	22.87	30	PASS
			MCH	RB1#0	23.52	23.82	30	PASS
				RB1#38	23.9	24.2	30	PASS
				RB1#74	23.34	23.64	30	PASS
				RB38#0	22.77	23.07	30	PASS
				RB38#19	22.85	23.15	30	PASS
				RB38#39	22.86	23.16	30	PASS
				RB75#0	22.76	23.06	30	PASS
			HCH	RB1#0	23.6	23.9	30	PASS
				RB1#38	23.84	24.14	30	PASS
				RB1#74	23.47	23.77	30	PASS
				RB38#0	22.75	23.05	30	PASS
				RB38#19	22.84	23.14	30	PASS
				RB38#39	22.79	23.09	30	PASS
				RB75#0	22.81	23.11	30	PASS
		20	LCH	RB1#0	23.43	23.73	30	PASS
				RB1#50	23.82	24.12	30	PASS
				RB1#99	23.69	23.99	30	PASS
				RB50#0	22.49	22.79	30	PASS
				RB50#25	22.61	22.91	30	PASS
				RB50#50	22.56	22.86	30	PASS
				RB100#0	22.53	22.83	30	PASS
			MCH	RB1#0	23.6	23.9	30	PASS
				RB1#50	24.05	24.35	30	PASS
				RB1#99	23.7	24	30	PASS
				RB50#0	22.66	22.96	30	PASS
				RB50#25	22.87	23.17	30	PASS
				RB50#50	22.75	23.05	30	PASS
				RB100#0	22.66	22.96	30	PASS
			HCH	RB1#0	23.75	24.05	30	PASS

				RB1#50	23.79	24.09	30	PASS
				RB1#99	23.57	23.87	30	PASS
				RB50#0	22.73	23.03	30	PASS
				RB50#25	22.74	23.04	30	PASS
				RB50#50	22.76	23.06	30	PASS
				RB100#0	22.76	23.06	30	PASS
LTE/TM2		1.4	LCH	RB1#0	22.53	22.83	30	PASS
				RB1#3	22.55	22.85	30	PASS
				RB1#5	22.51	22.81	30	PASS
				RB3#0	22.64	22.94	30	PASS
				RB3#2	22.63	22.93	30	PASS
				RB3#3	22.59	22.89	30	PASS
				RB6#0	21.7	22	30	PASS
			MCH	RB1#0	22.87	23.17	30	PASS
				RB1#3	22.89	23.19	30	PASS
				RB1#5	22.8	23.1	30	PASS
				RB3#0	22.81	23.11	30	PASS
				RB3#2	22.79	23.09	30	PASS
				RB3#3	22.75	23.05	30	PASS
				RB6#0	21.96	22.26	30	PASS
			HCH	RB1#0	22.87	23.17	30	PASS
				RB1#3	22.97	23.27	30	PASS
				RB1#5	22.79	23.09	30	PASS
				RB3#0	22.81	23.11	30	PASS
				RB3#2	22.81	23.11	30	PASS
				RB3#3	22.75	23.05	30	PASS
				RB6#0	21.97	22.27	30	PASS
		3	LCH	RB1#0	22.54	22.84	30	PASS
				RB1#7	22.73	23.03	30	PASS
				RB1#14	22.47	22.77	30	PASS
				RB8#0	21.56	21.86	30	PASS
				RB8#4	21.57	21.87	30	PASS
				RB8#7	21.49	21.79	30	PASS
				RB15#0	21.57	21.87	30	PASS
			MCH	RB1#0	22.81	23.11	30	PASS
				RB1#7	22.86	23.16	30	PASS
				RB1#14	22.56	22.86	30	PASS
				RB8#0	22	22.3	30	PASS
				RB8#4	21.96	22.26	30	PASS
				RB8#7	21.89	22.19	30	PASS
				RB15#0	21.87	22.17	30	PASS

				RB1#0	22.9	23.2	30	PASS
				RB1#7	22.99	23.29	30	PASS
				RB1#14	22.75	23.05	30	PASS
			HCH	RB8#0	21.94	22.24	30	PASS
				RB8#4	21.95	22.25	30	PASS
				RB8#7	21.91	22.21	30	PASS
				RB15#0	21.83	22.13	30	PASS
				RB1#0	22.71	23.01	30	PASS
				RB1#13	22.92	23.22	30	PASS
				RB1#24	22.54	22.84	30	PASS
			LCH	RB12#0	21.69	21.99	30	PASS
				RB12#6	21.75	22.05	30	PASS
				RB12#13	21.54	21.84	30	PASS
				RB25#0	21.57	21.87	30	PASS
				RB1#0	22.72	23.02	30	PASS
				RB1#13	22.91	23.21	30	PASS
				RB1#24	22.48	22.78	30	PASS
		5	MCH	RB12#0	21.97	22.27	30	PASS
				RB12#6	22.02	22.32	30	PASS
				RB12#13	21.78	22.08	30	PASS
				RB25#0	21.82	22.12	30	PASS
				RB1#0	22.96	23.26	30	PASS
				RB1#13	23.14	23.44	30	PASS
				RB1#24	22.72	23.02	30	PASS
			HCH	RB12#0	21.95	22.25	30	PASS
				RB12#6	22	22.3	30	PASS
				RB12#13	21.84	22.14	30	PASS
				RB25#0	21.8	22.1	30	PASS
				RB1#0	22.39	22.69	30	PASS
				RB1#25	22.75	23.05	30	PASS
				RB1#49	22.32	22.62	30	PASS
			LCH	RB25#0	21.55	21.85	30	PASS
				RB25#13	21.62	21.92	30	PASS
				RB25#25	21.53	21.83	30	PASS
		10		RB50#0	21.53	21.83	30	PASS
				RB1#0	22.53	22.83	30	PASS
				RB1#25	22.96	23.26	30	PASS
			MCH	RB1#49	22.6	22.9	30	PASS
				RB25#0	21.76	22.06	30	PASS
				RB25#13	21.86	22.16	30	PASS
				RB25#25	21.82	22.12	30	PASS

		Channel	RB				Result
			RB50#0	21.82	22.12	30	PASS
		HCH	RB1#0	22.88	23.18	30	PASS
			RB1#25	23.26	23.56	30	PASS
			RB1#49	22.89	23.19	30	PASS
			RB25#0	21.73	22.03	30	PASS
			RB25#13	21.82	22.12	30	PASS
			RB25#25	21.71	22.01	30	PASS
			RB50#0	21.8	22.1	30	PASS
	15	LCH	RB1#0	22.55	22.85	30	PASS
			RB1#38	22.9	23.2	30	PASS
			RB1#74	22.68	22.98	30	PASS
			RB38#0	21.62	21.92	30	PASS
			RB38#19	21.67	21.97	30	PASS
			RB38#39	21.6	21.9	30	PASS
			RB75#0	21.59	21.89	30	PASS
		MCH	RB1#0	22.69	22.99	30	PASS
			RB1#38	23	23.3	30	PASS
			RB1#74	22.56	22.86	30	PASS
			RB38#0	21.8	22.1	30	PASS
			RB38#19	21.88	22.18	30	PASS
			RB38#39	21.83	22.13	30	PASS
			RB75#0	21.8	22.1	30	PASS
		HCH	RB1#0	22.94	23.24	30	PASS
			RB1#38	23.15	23.45	30	PASS
			RB1#74	22.85	23.15	30	PASS
			RB38#0	21.79	22.09	30	PASS
			RB38#19	21.88	22.18	30	PASS
			RB38#39	21.83	22.13	30	PASS
			RB75#0	21.85	22.15	30	PASS
	20	LCH	RB1#0	22.76	23.06	30	PASS
			RB1#50	23.12	23.42	30	PASS
			RB1#99	23.04	23.34	30	PASS
			RB50#0	21.5	21.8	30	PASS
			RB50#25	21.63	21.93	30	PASS
			RB50#50	21.57	21.87	30	PASS
			RB100#0	21.57	21.87	30	PASS
		MCH	RB1#0	22.68	22.98	30	PASS
			RB1#50	23.15	23.45	30	PASS
			RB1#99	22.79	23.09	30	PASS
			RB50#0	21.66	21.96	30	PASS
			RB50#25	21.87	22.17	30	PASS

				RB50#50	21.76	22.06	30	PASS
				RB100#0	21.7	22	30	PASS
			HCH	RB1#0	23.1	23.4	30	PASS
				RB1#50	23.12	23.42	30	PASS
				RB1#99	22.85	23.15	30	PASS
				RB50#0	21.78	22.08	30	PASS
				RB50#25	21.79	22.09	30	PASS
				RB50#50	21.8	22.1	30	PASS
				RB100#0	21.78	22.08	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,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b, SGP=Signal Generator Level

Note2: SET Span=1.5*OBW

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

SET VBW>= 3*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	3.77	13	PASS
				RB1#3	3.74	13	PASS
				RB1#5	3.81	13	PASS
				RB3#0	4.05	13	PASS
				RB3#2	3.96	13	PASS
				RB3#3	4.13	13	PASS
				RB6#0	5.4	13	PASS
			MCH	RB1#0	3.8	13	PASS
				RB1#3	3.82	13	PASS
				RB1#5	3.79	13	PASS
				RB3#0	4.34	13	PASS
				RB3#2	4.23	13	PASS
				RB3#3	4.31	13	PASS
				RB6#0	5.21	13	PASS
			HCH	RB1#0	2.97	13	PASS
				RB1#3	2.89	13	PASS
				RB1#5	2.93	13	PASS
				RB3#0	3.41	13	PASS
				RB3#2	3.17	13	PASS
				RB3#3	3.39	13	PASS
				RB6#0	4.58	13	PASS
		3	LCH	RB1#0	3.74	13	PASS
				RB1#7	3.55	13	PASS
				RB1#14	3.89	13	PASS
				RB8#0	4.99	13	PASS
				RB8#4	4.9	13	PASS
				RB8#7	4.99	13	PASS
				RB15#0	5.46	13	PASS
			MCH	RB1#0	3.94	13	PASS
				RB1#7	3.72	13	PASS
				RB1#14	3.92	13	PASS
				RB8#0	5.11	13	PASS
				RB8#4	5.09	13	PASS
				RB8#7	5.1	13	PASS
				RB15#0	5.37	13	PASS
			HCH	RB1#0	3.3	13	PASS
				RB1#7	2.95	13	PASS
				RB1#14	3.21	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	4.56	13	PASS
				RB8#4	4.32	13	PASS
				RB8#7	4.34	13	PASS
				RB15#0	4.82	13	PASS
		5	LCH	RB1#0	4.07	13	PASS
				RB1#13	3.83	13	PASS
				RB1#24	4.09	13	PASS
				RB12#0	5.07	13	PASS
				RB12#6	4.98	13	PASS
				RB12#13	5.22	13	PASS
				RB25#0	5.49	13	PASS
			MCH	RB1#0	3.96	13	PASS
				RB1#13	3.78	13	PASS
				RB1#24	3.96	13	PASS
				RB12#0	5.1	13	PASS
				RB12#6	4.9	13	PASS
				RB12#13	5.09	13	PASS
				RB25#0	5.54	13	PASS
			HCH	RB1#0	3.6	13	PASS
				RB1#13	3.13	13	PASS
				RB1#24	3.16	13	PASS
				RB12#0	4.48	13	PASS
				RB12#6	4.18	13	PASS
				RB12#13	4.33	13	PASS
				RB25#0	5.13	13	PASS
		10	LCH	RB1#0	3.86	13	PASS
				RB1#25	3.78	13	PASS
				RB1#49	4.07	13	PASS
				RB25#0	5.16	13	PASS
				RB25#13	5.13	13	PASS
				RB25#25	5.23	13	PASS
				RB50#0	5.53	13	PASS
			MCH	RB1#0	3.95	13	PASS
				RB1#25	3.47	13	PASS
				RB1#49	3.84	13	PASS
				RB25#0	5.25	13	PASS
				RB25#13	5.15	13	PASS
				RB25#25	5.2	13	PASS
				RB50#0	5.77	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	3.34	13	PASS
				RB1#49	3.29	13	PASS
				RB25#0	4.71	13	PASS
				RB25#13	4.44	13	PASS
				RB25#25	4.53	13	PASS
				RB50#0	5.38	13	PASS
		15	LCH	RB1#0	3.81	13	PASS
				RB1#38	3.79	13	PASS
				RB1#74	4.06	13	PASS
				RB38#0	5.26	13	PASS
				RB38#19	5.16	13	PASS
				RB38#39	5.36	13	PASS
				RB75#0	5.89	13	PASS
			MCH	RB1#0	4.14	13	PASS
				RB1#38	3.8	13	PASS
				RB1#74	3.97	13	PASS
				RB38#0	5.39	13	PASS
				RB38#19	5.24	13	PASS
				RB38#39	5.23	13	PASS
				RB75#0	5.79	13	PASS
			HCH	RB1#0	3.67	13	PASS
				RB1#38	3.35	13	PASS
				RB1#74	3.42	13	PASS
				RB38#0	4.98	13	PASS
				RB38#19	4.68	13	PASS
				RB38#39	4.74	13	PASS
				RB75#0	5.58	13	PASS
		20	LCH	RB1#0	3.97	13	PASS
				RB1#50	3.88	13	PASS
				RB1#99	4.1	13	PASS
				RB50#0	5.3	13	PASS
				RB50#25	5.28	13	PASS
				RB50#50	5.43	13	PASS
				RB100#0	5.82	13	PASS
			MCH	RB1#0	4.38	13	PASS
				RB1#50	3.6	13	PASS
				RB1#99	3.9	13	PASS
				RB50#0	5.38	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	5.18	13	PASS
				RB50#50	5.14	13	PASS
				RB100#0	5.83	13	PASS
			HCH	RB1#0	4.12	13	PASS
				RB1#50	3.47	13	PASS
				RB1#99	3.62	13	PASS
				RB50#0	5.04	13	PASS
				RB50#25	4.79	13	PASS
				RB50#50	4.79	13	PASS
				RB100#0	5.49	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.6	13	PASS
				RB1#3	4.7	13	PASS
				RB1#5	4.61	13	PASS
				RB3#0	4.87	13	PASS
				RB3#2	4.7	13	PASS
				RB3#3	4.87	13	PASS
				RB6#0	6.17	13	PASS
			MCH	RB1#0	4.77	13	PASS
				RB1#3	4.79	13	PASS
				RB1#5	4.74	13	PASS
				RB3#0	5.01	13	PASS
				RB3#2	4.98	13	PASS
				RB3#3	5.01	13	PASS
				RB6#0	5.98	13	PASS
			HCH	RB1#0	3.59	13	PASS
				RB1#3	3.53	13	PASS
				RB1#5	3.46	13	PASS
				RB3#0	4.25	13	PASS
				RB3#2	4.22	13	PASS
				RB3#3	4.27	13	PASS
				RB6#0	5.34	13	PASS
		3	LCH	RB1#0	4.63	13	PASS
				RB1#7	4.35	13	PASS
				RB1#14	4.79	13	PASS
				RB8#0	5.77	13	PASS
				RB8#4	5.67	13	PASS
				RB8#7	5.84	13	PASS
				RB15#0	6.41	13	PASS
			MCH	RB1#0	4.93	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	4.74	13	PASS
				RB1#14	4.88	13	PASS
				RB8#0	5.82	13	PASS
				RB8#4	5.77	13	PASS
				RB8#7	5.82	13	PASS
				RB15#0	6.16	13	PASS
			HCH	RB1#0	4.09	13	PASS
				RB1#7	3.67	13	PASS
				RB1#14	3.87	13	PASS
				RB8#0	5.26	13	PASS
				RB8#4	5.14	13	PASS
				RB8#7	5.19	13	PASS
				RB15#0	5.88	13	PASS
			LCH	RB1#0	4.71	13	PASS
				RB1#13	4.75	13	PASS
				RB1#24	4.91	13	PASS
				RB12#0	5.79	13	PASS
				RB12#6	5.73	13	PASS
				RB12#13	5.93	13	PASS
				RB25#0	6.36	13	PASS
		5	MCH	RB1#0	4.68	13	PASS
				RB1#13	4.51	13	PASS
				RB1#24	4.68	13	PASS
				RB12#0	5.88	13	PASS
				RB12#6	5.69	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	6.38	13	PASS
			HCH	RB1#0	4.22	13	PASS
				RB1#13	3.81	13	PASS
				RB1#24	3.81	13	PASS
				RB12#0	5.21	13	PASS
				RB12#6	4.97	13	PASS
				RB12#13	5.19	13	PASS
				RB25#0	5.9	13	PASS
		10	LCH	RB1#0	4.72	13	PASS
				RB1#25	4.65	13	PASS
				RB1#49	4.94	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	5.85	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.02	13	PASS
				RB50#0	6.52	13	PASS
			MCH	RB1#0	4.87	13	PASS
				RB1#25	4.75	13	PASS
				RB1#49	4.87	13	PASS
				RB25#0	6.15	13	PASS
				RB25#13	6	13	PASS
				RB25#25	6	13	PASS
				RB50#0	6.55	13	PASS
			HCH	RB1#0	4.28	13	PASS
				RB1#25	3.85	13	PASS
				RB1#49	3.81	13	PASS
				RB25#0	5.59	13	PASS
				RB25#13	5.34	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	6.14	13	PASS
			LCH	RB1#0	4.83	13	PASS
				RB1#38	4.76	13	PASS
				RB1#74	4.86	13	PASS
				RB38#0	6.04	13	PASS
				RB38#19	5.99	13	PASS
				RB38#39	6.16	13	PASS
				RB75#0	6.68	13	PASS
			MCH	RB1#0	5.12	13	PASS
				RB1#38	4.73	13	PASS
				RB1#74	4.8	13	PASS
		15		RB38#0	6.13	13	PASS
				RB38#19	6.01	13	PASS
				RB38#39	5.97	13	PASS
				RB75#0	6.61	13	PASS
			HCH	RB1#0	4.64	13	PASS
				RB1#38	4.09	13	PASS
				RB1#74	4.16	13	PASS
				RB38#0	5.75	13	PASS
				RB38#19	5.49	13	PASS
				RB38#39	5.57	13	PASS
				RB75#0	6.42	13	PASS
		20	LCH	RB1#0	4.87	13	PASS
				RB1#50	4.62	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.91	13	PASS
				RB50#0	6.25	13	PASS
				RB50#25	6.2	13	PASS
				RB50#50	6.38	13	PASS
				RB100#0	6.69	13	PASS
			MCH	RB1#0	4.95	13	PASS
				RB1#50	4.42	13	PASS
				RB1#99	4.5	13	PASS
				RB50#0	6.29	13	PASS
				RB50#25	6.05	13	PASS
				RB50#50	6.01	13	PASS
				RB100#0	6.61	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#50	4.3	13	PASS
				RB1#99	4.21	13	PASS
				RB50#0	5.91	13	PASS
				RB50#25	5.68	13	PASS
				RB50#50	5.69	13	PASS
				RB100#0	6.49	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = BAND4

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

3.1.1.1.1.1.1 Test RB = RB6#0
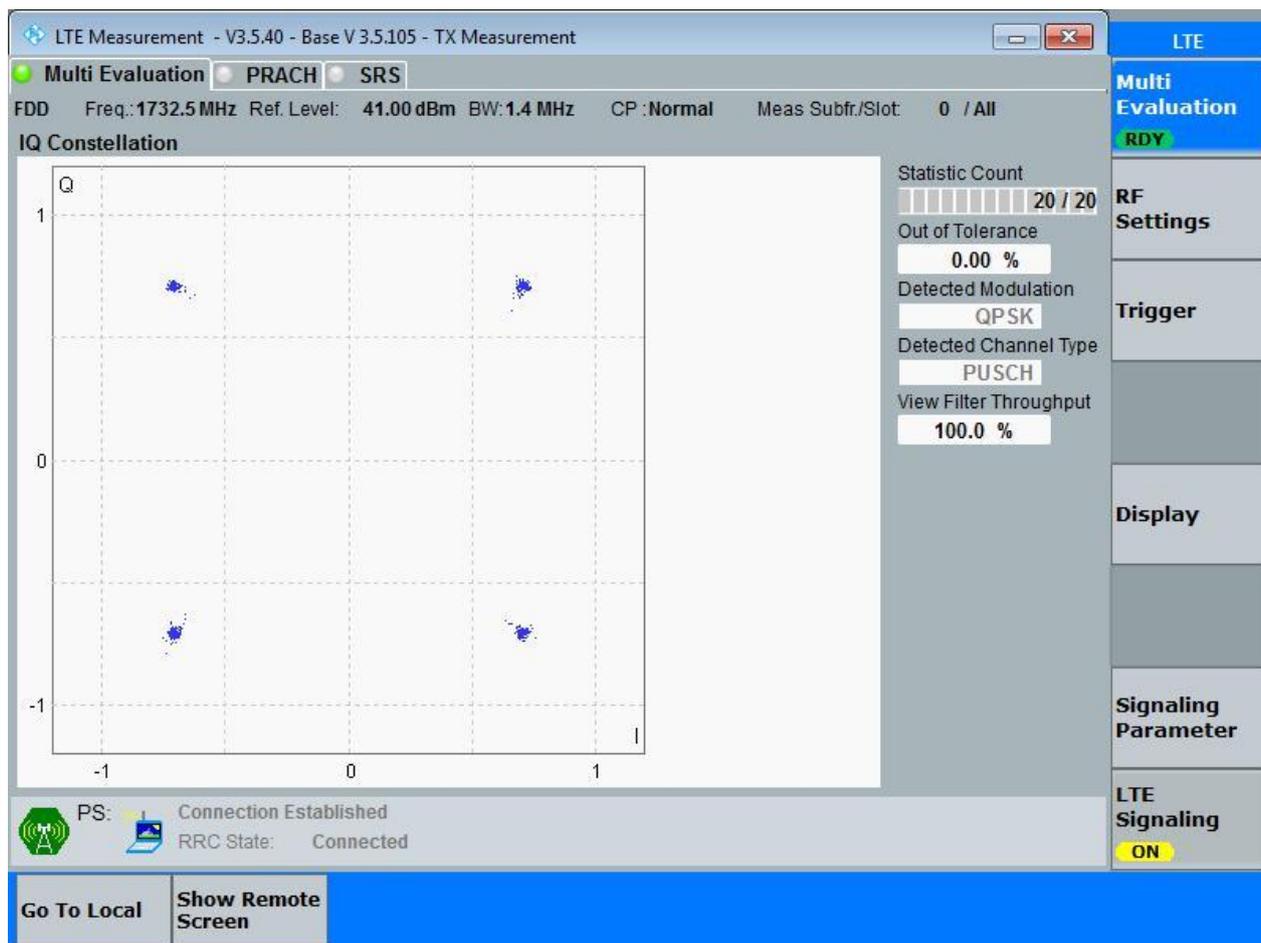
3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0
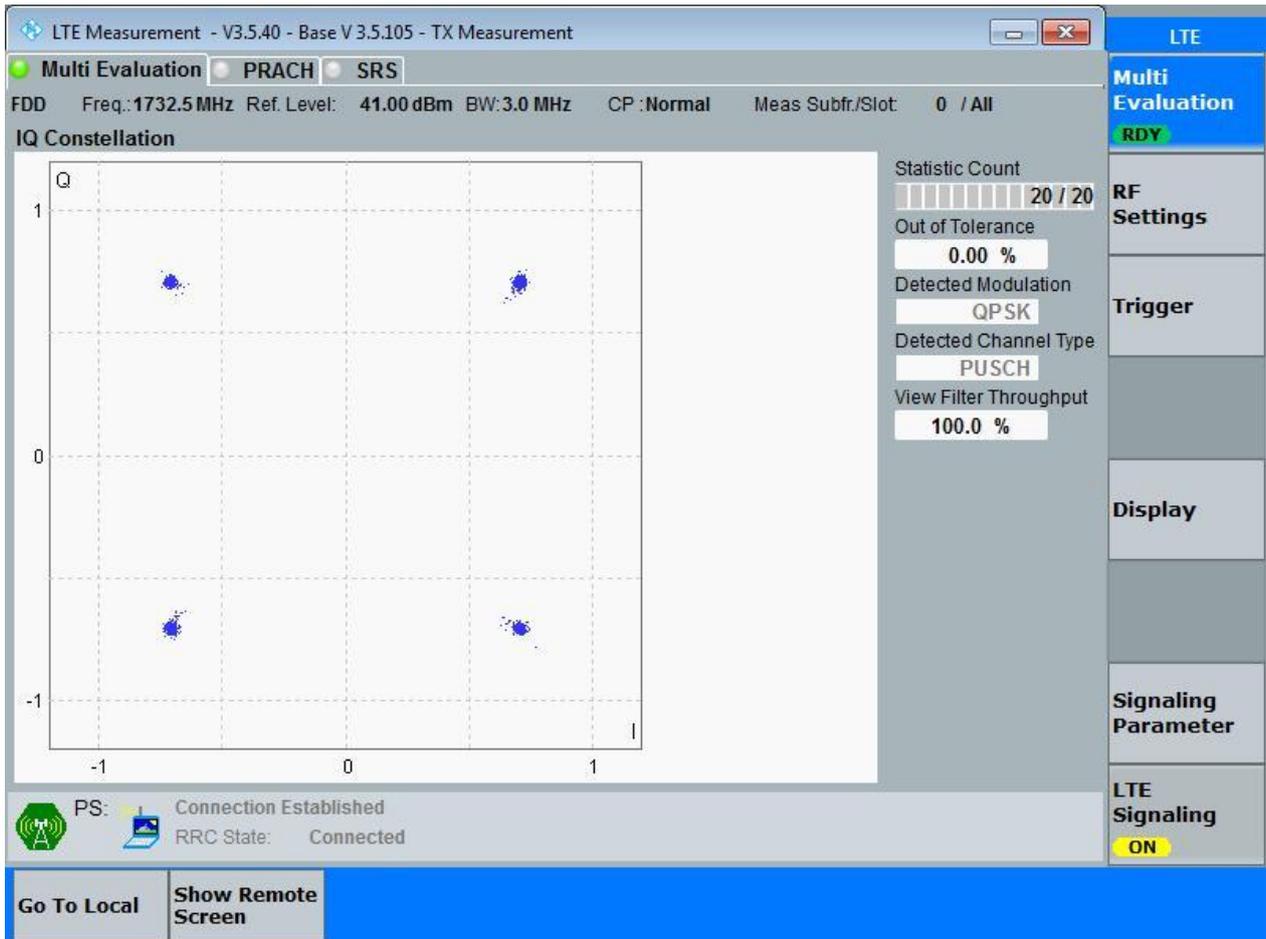
3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0
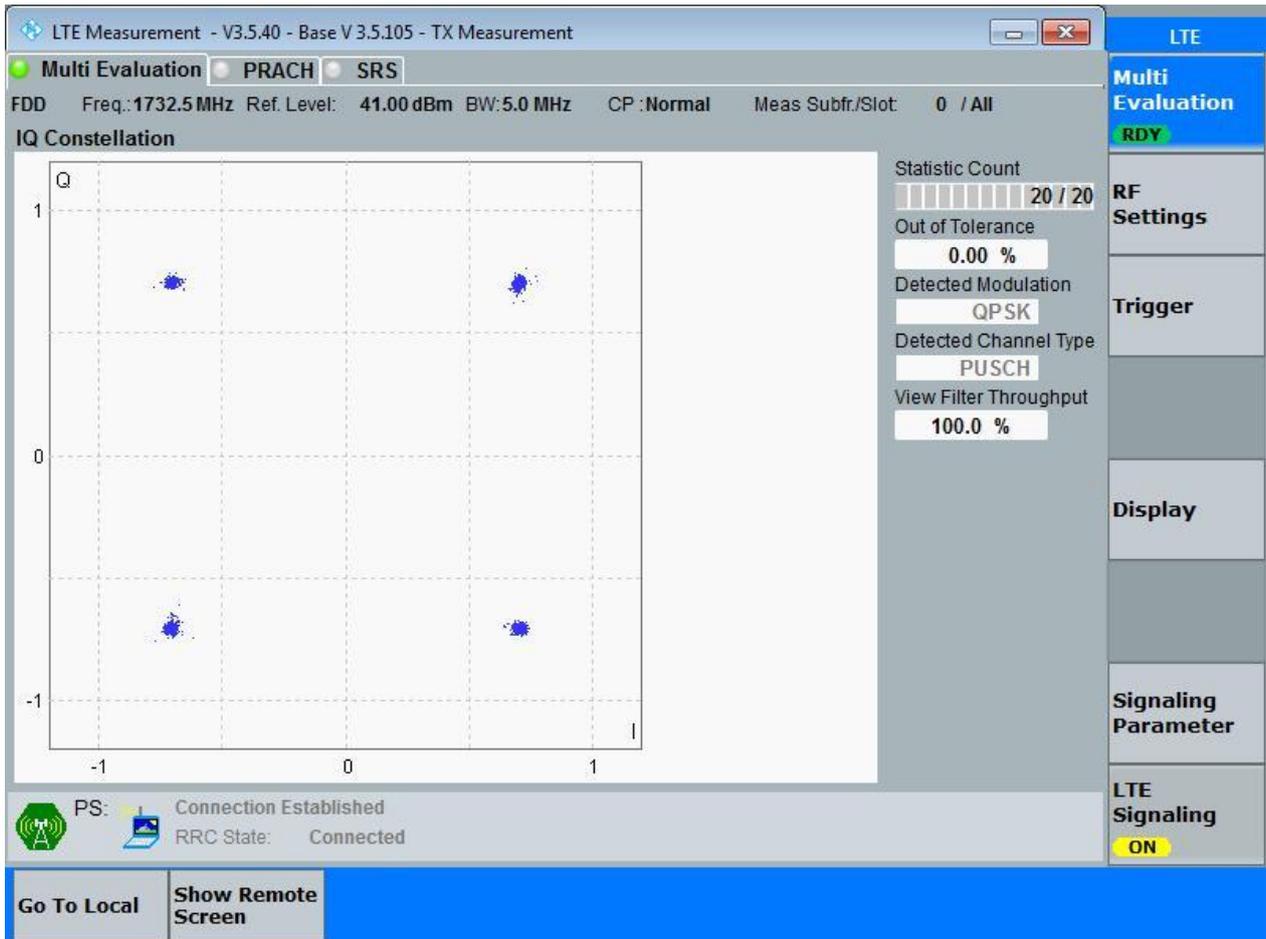
3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0
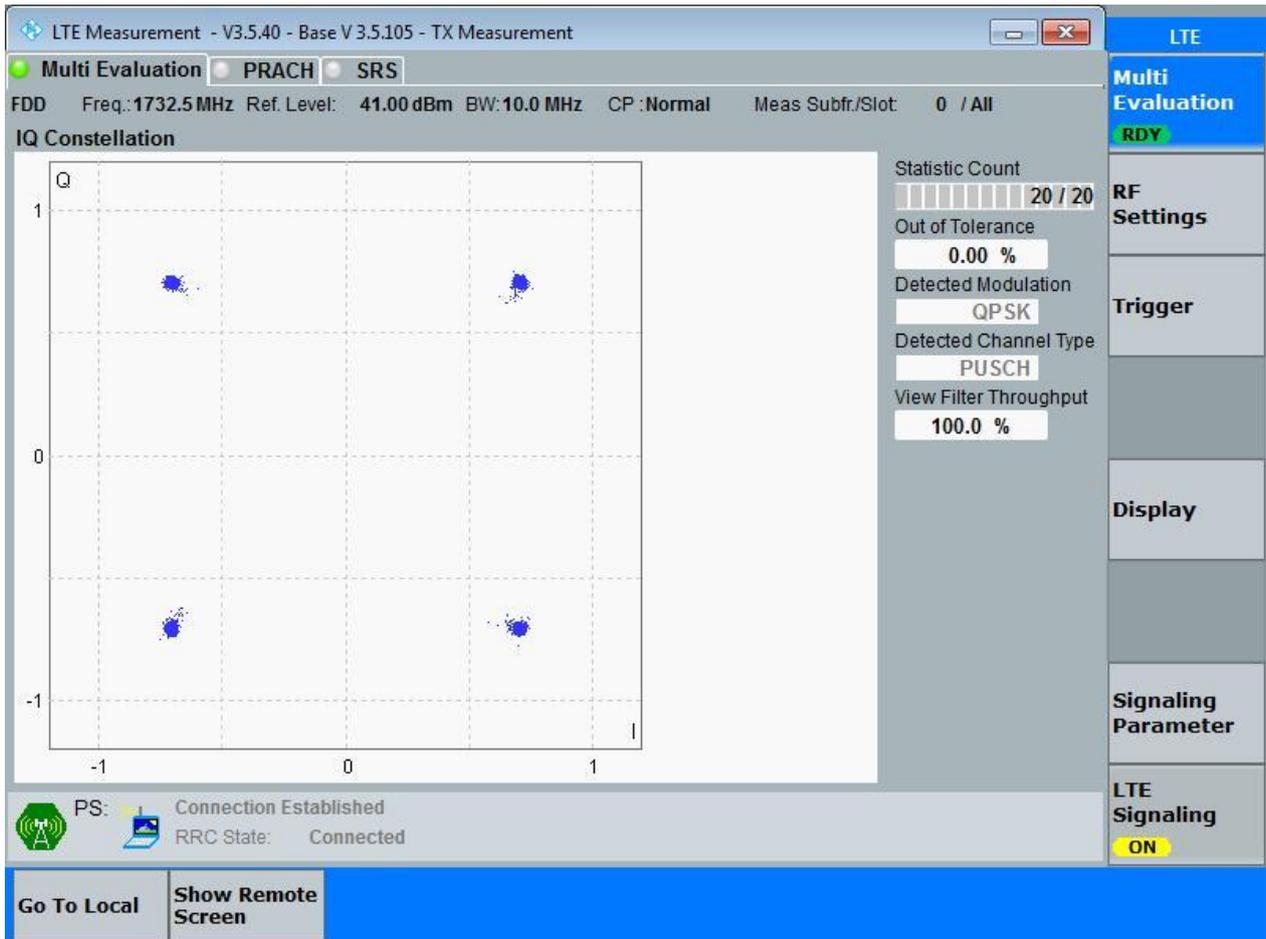
3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

3.1.1.1.5.1.1 Test RB = RB75#0
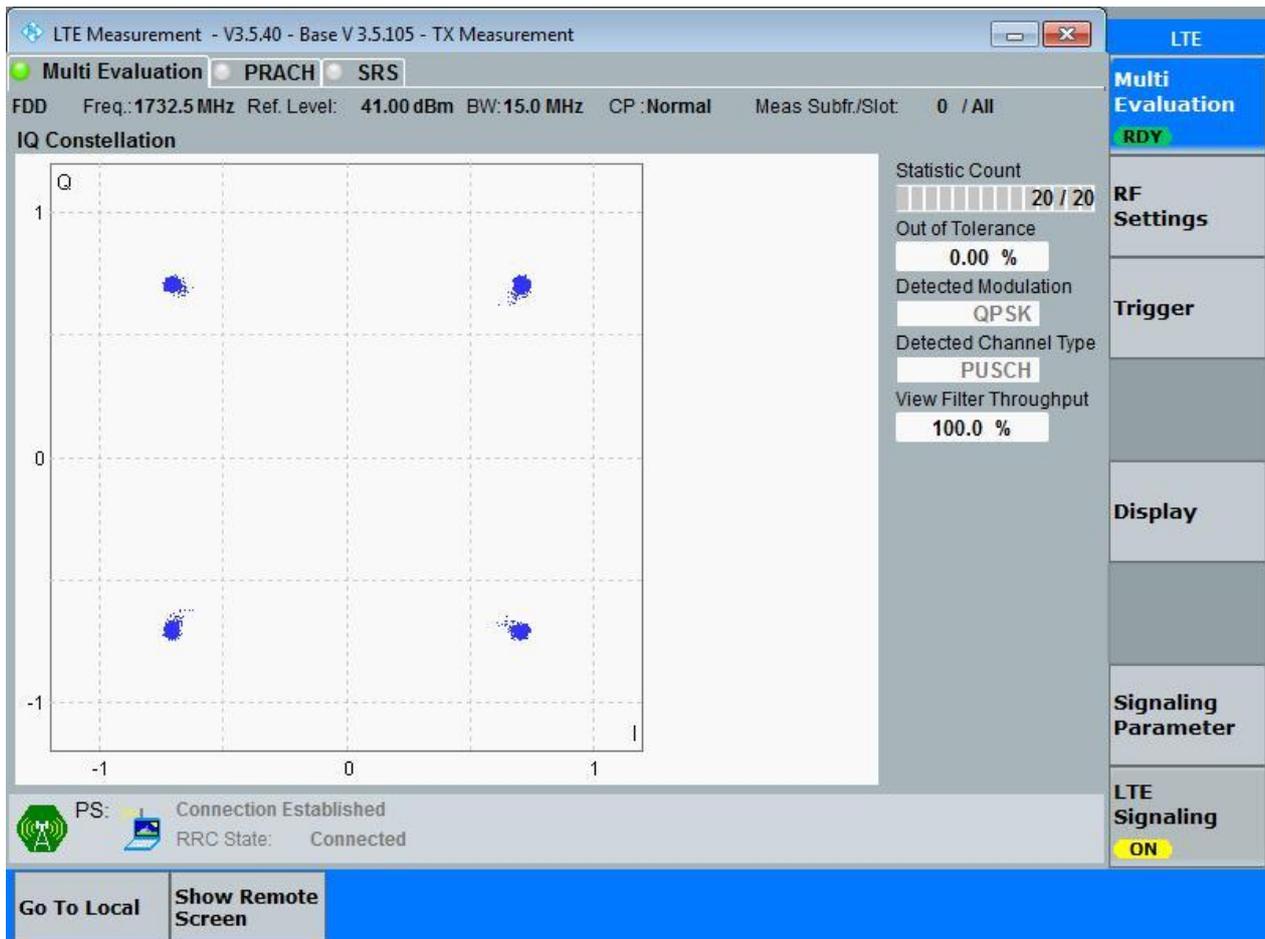
3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0
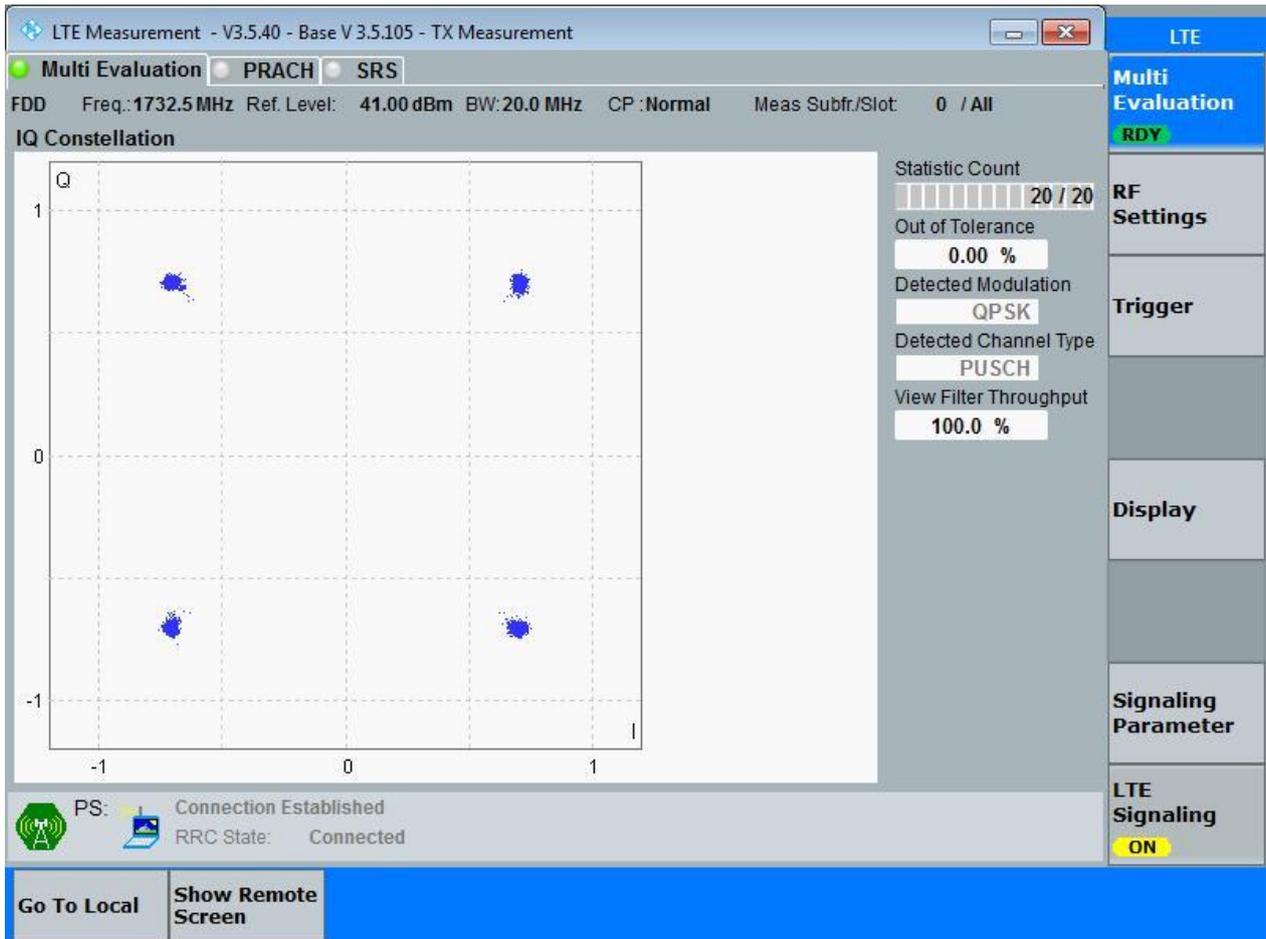
3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

3.1.1.2.1.1.1 Test RB = RB6#0
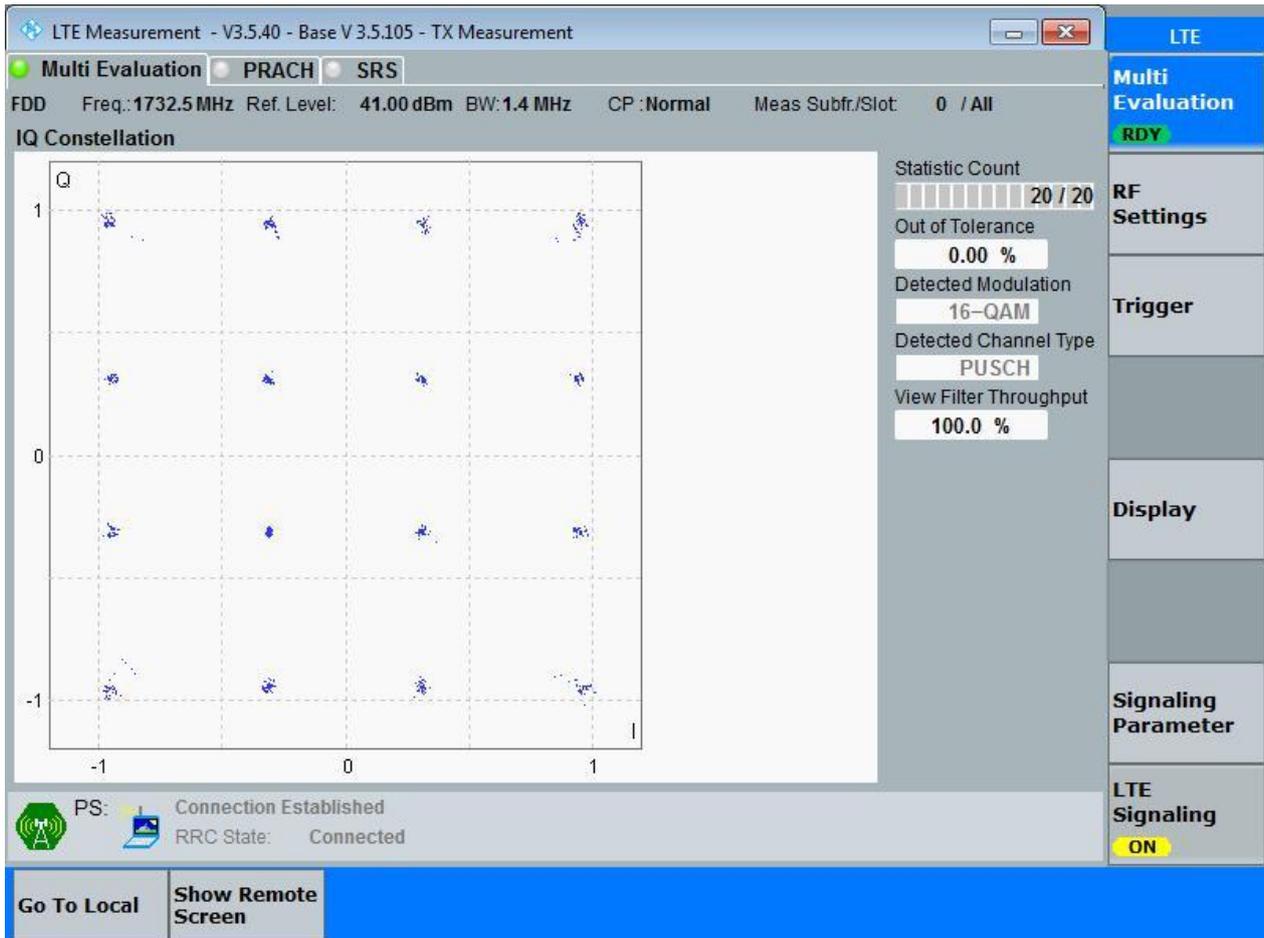
3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0
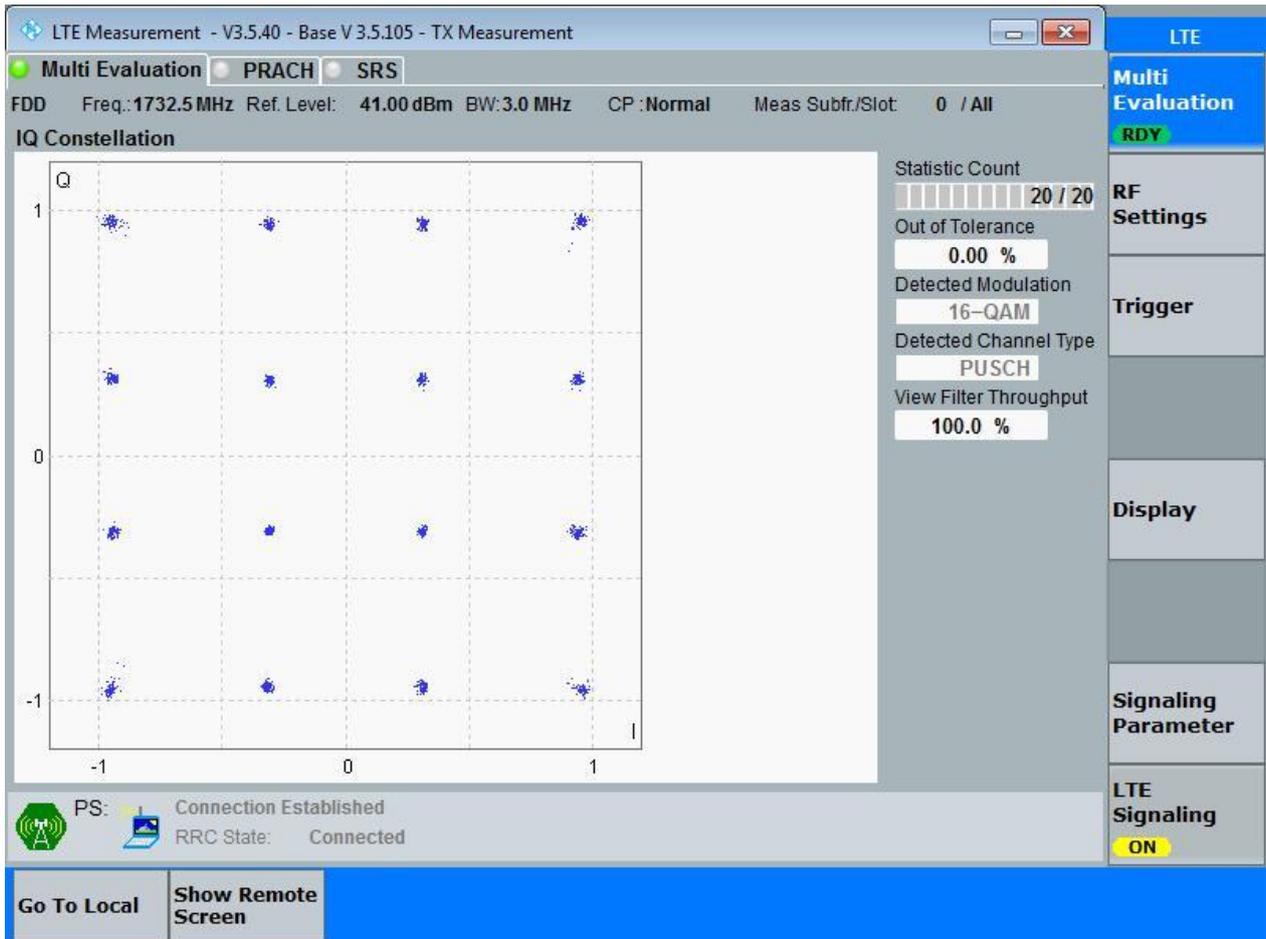
3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0
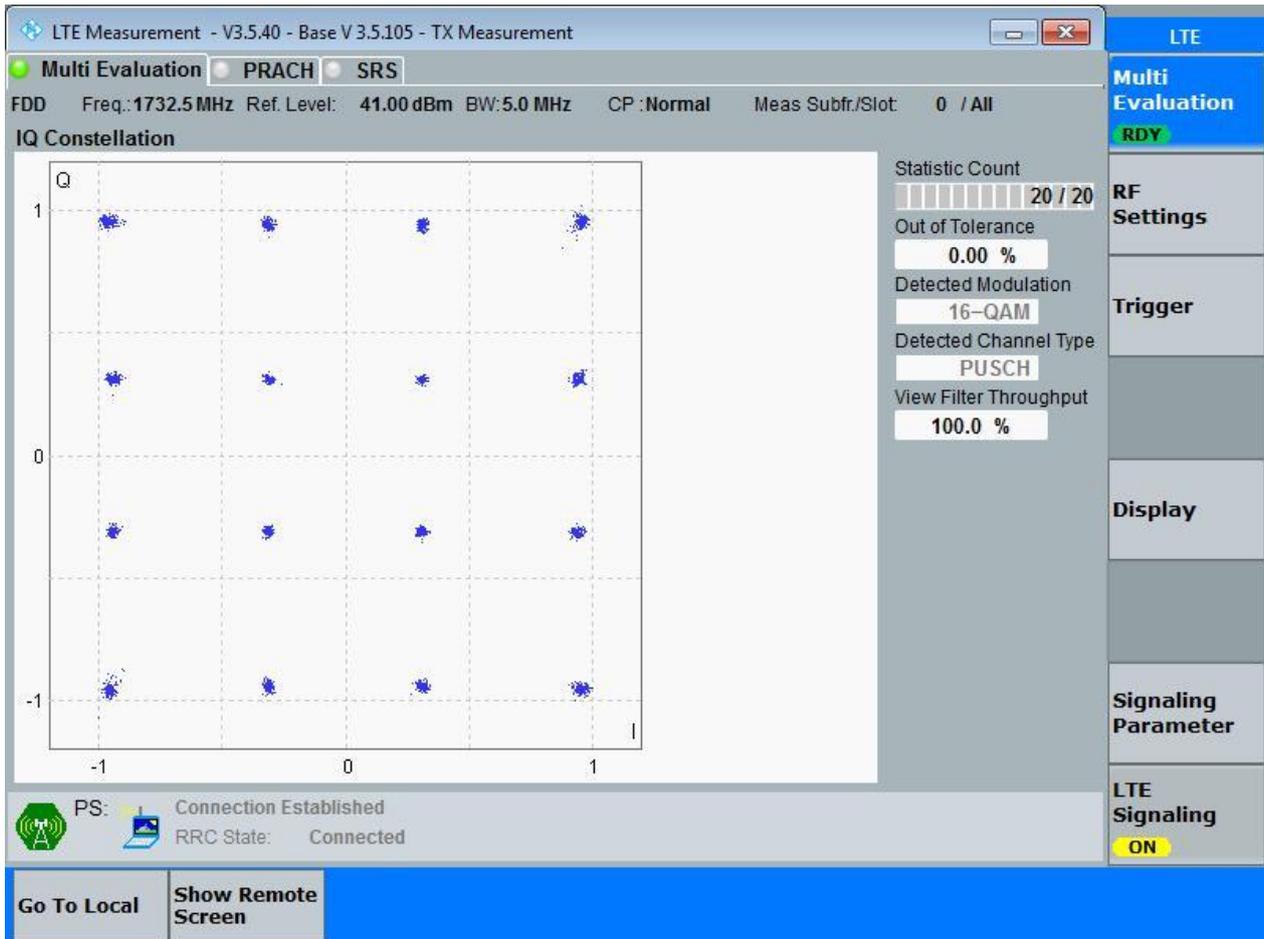
3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0
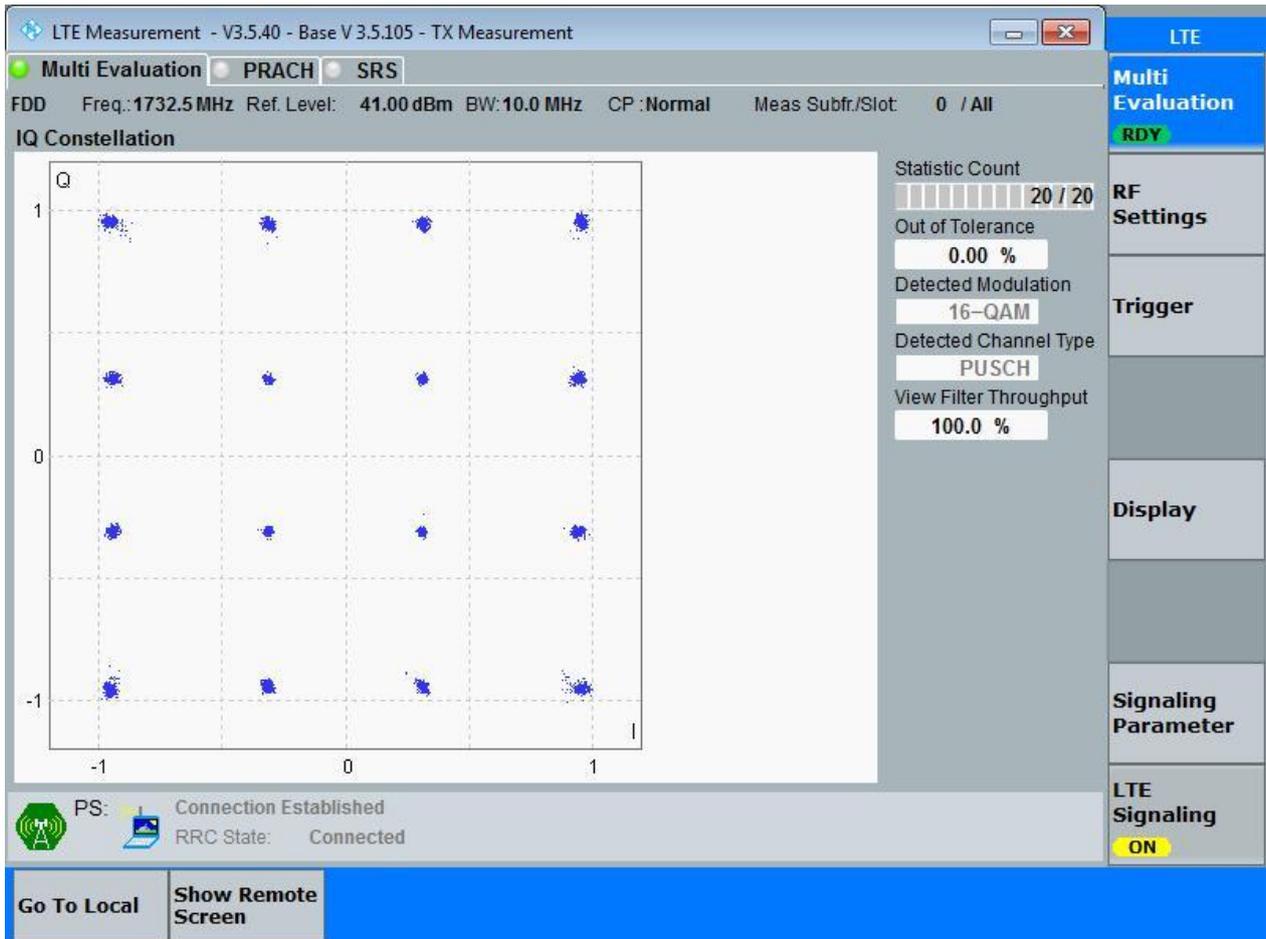
3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

3.1.1.2.5.1.1 Test RB = RB75#0
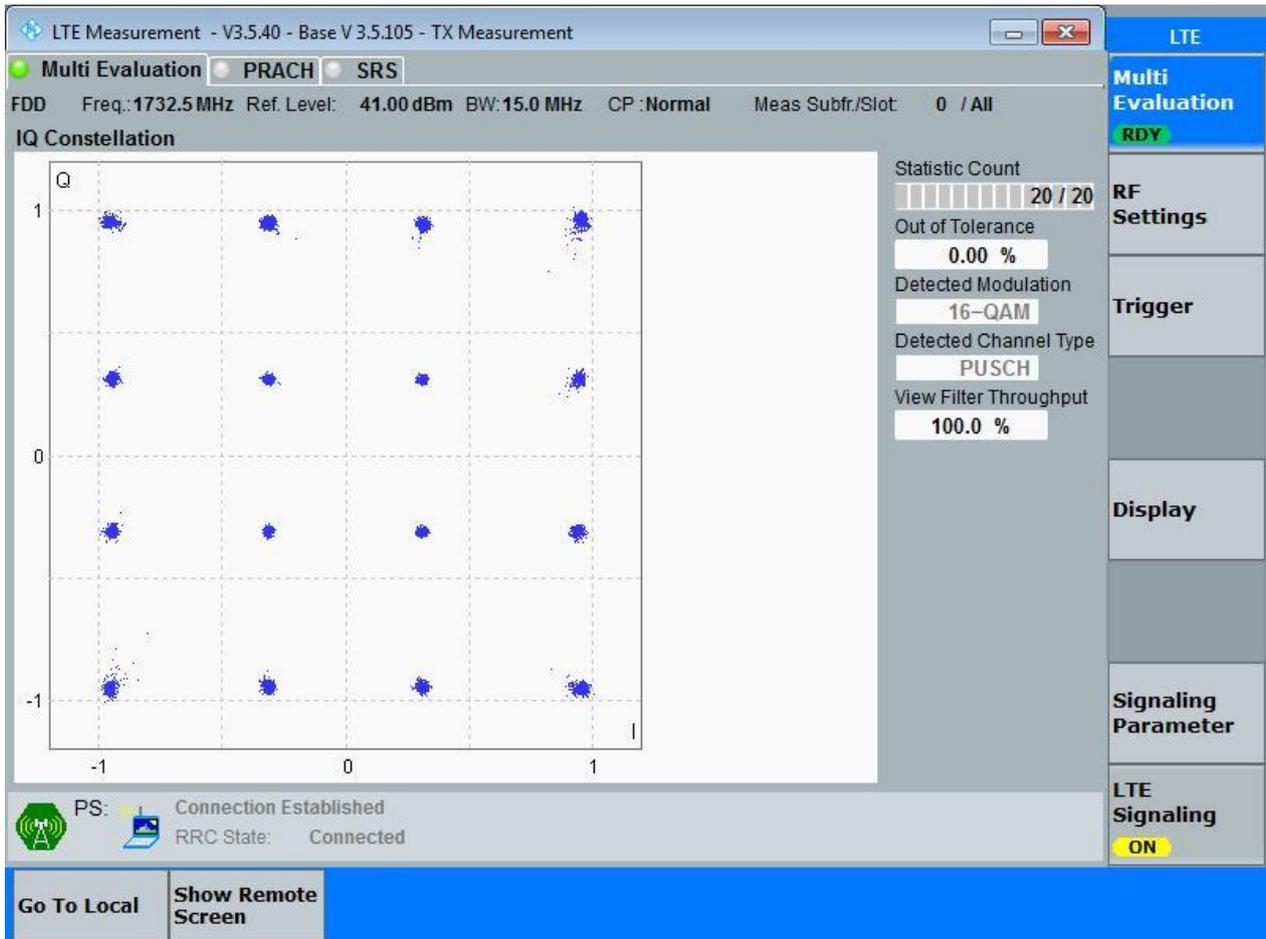
3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0
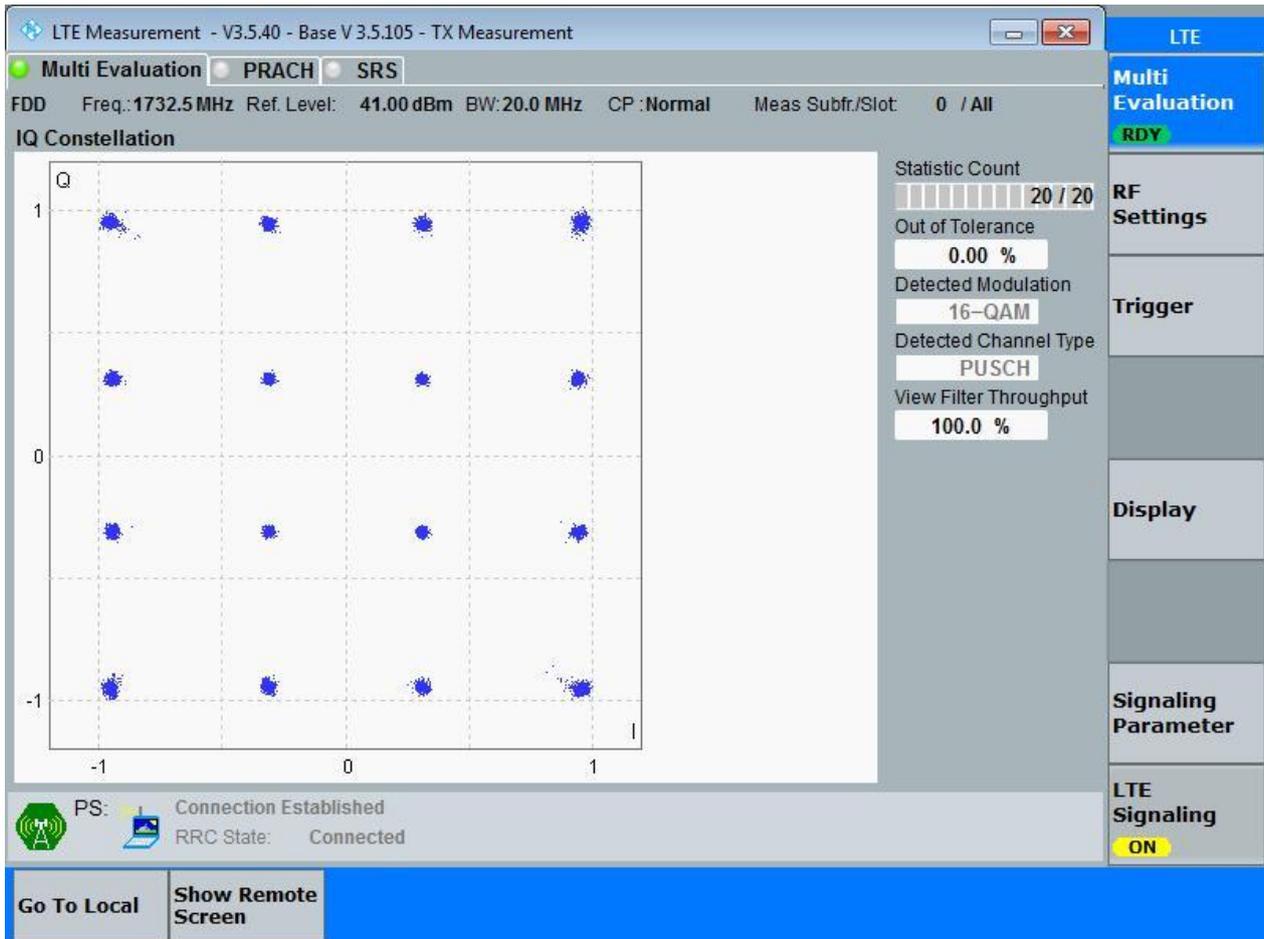
4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.71	2.94	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.52	4.94	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	8.99	9.87	Pass
			MCH	RB50#0	8.99	9.92	Pass
			HCH	RB50#0	9.01	9.93	Pass
		15	LCH	RB75#0	13.51	15.05	Pass
			MCH	RB75#0	13.48	14.96	Pass
			HCH	RB75#0	13.50	14.99	Pass
		20	LCH	RB100#0	18.00	19.86	Pass
			MCH	RB100#0	17.98	19.81	Pass
			HCH	RB100#0	18.02	19.77	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	1.25	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	8.98	9.93	Pass
			MCH	RB50#0	9.00	9.95	Pass
			HCH	RB50#0	9.00	9.91	Pass
		15	LCH	RB75#0	13.51	14.98	Pass
			MCH	RB75#0	13.50	14.96	Pass
			HCH	RB75#0	13.48	14.98	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	18.00	19.84	Pass
			MCH	RB100#0	17.98	19.87	Pass
			HCH	RB100#0	18.00	19.81	Pass

Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = BAND4

4.1.1.1 Test Mode = LTE/TM1

.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1 Test RB = RB6#0
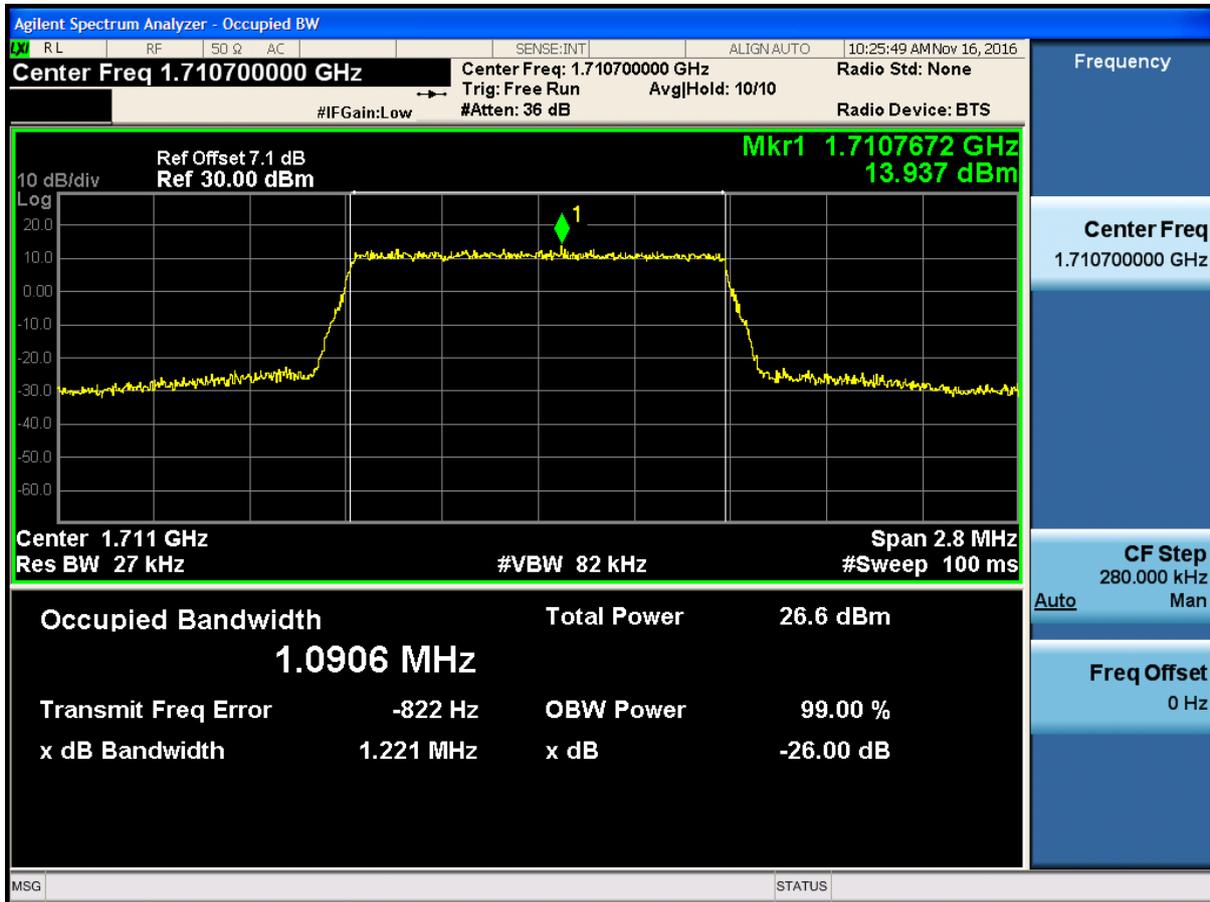
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0
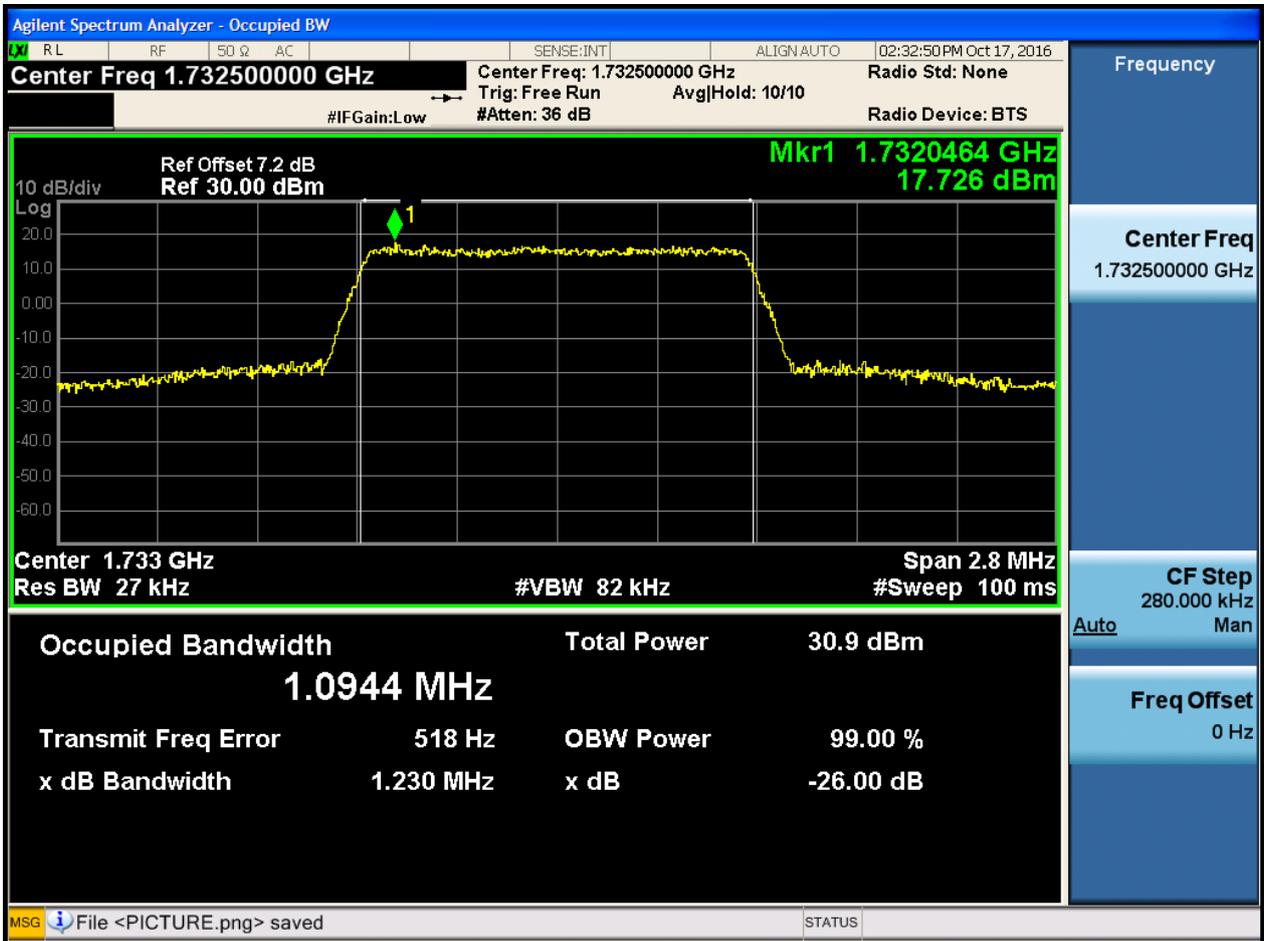
4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0
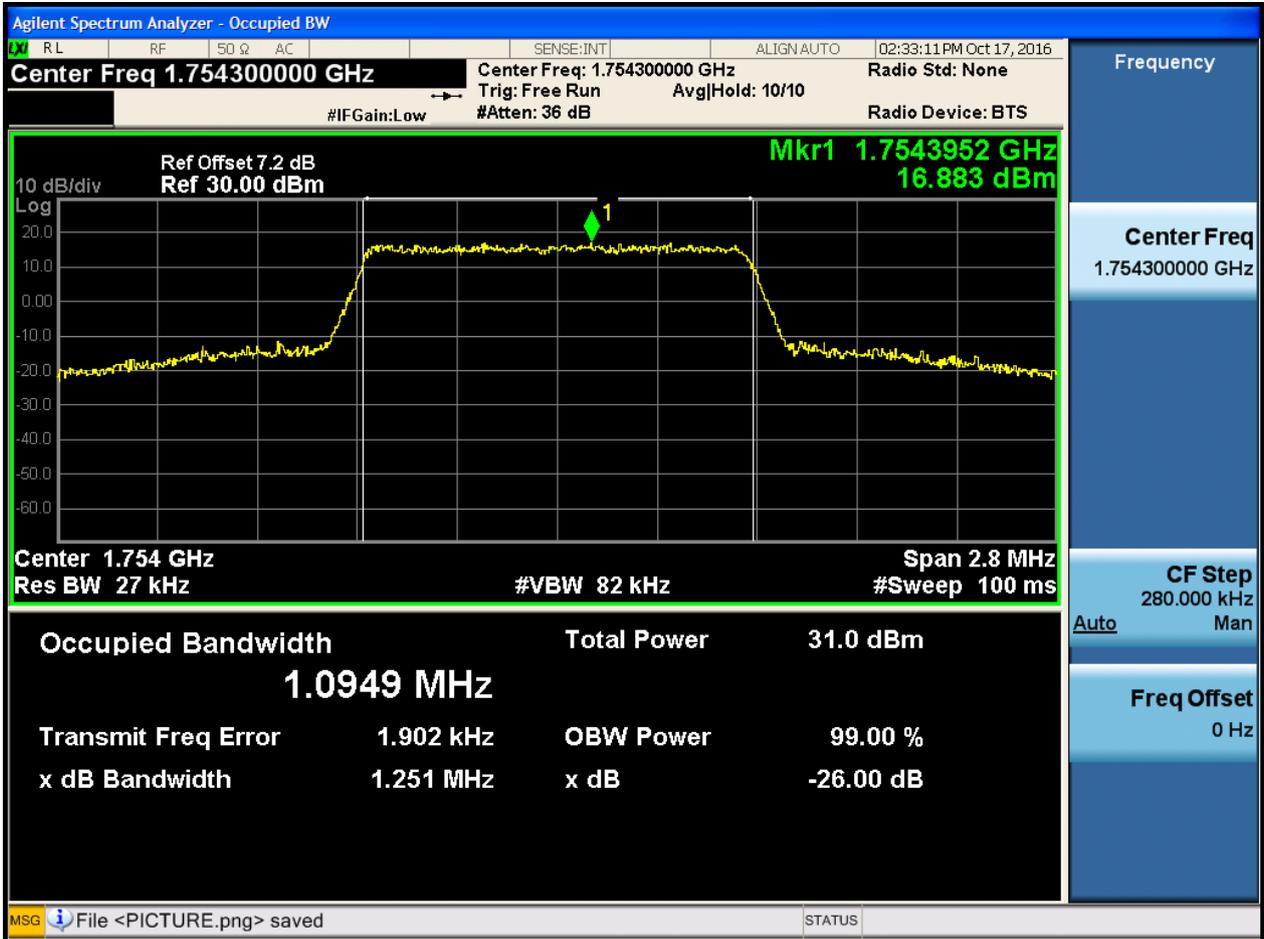
4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0
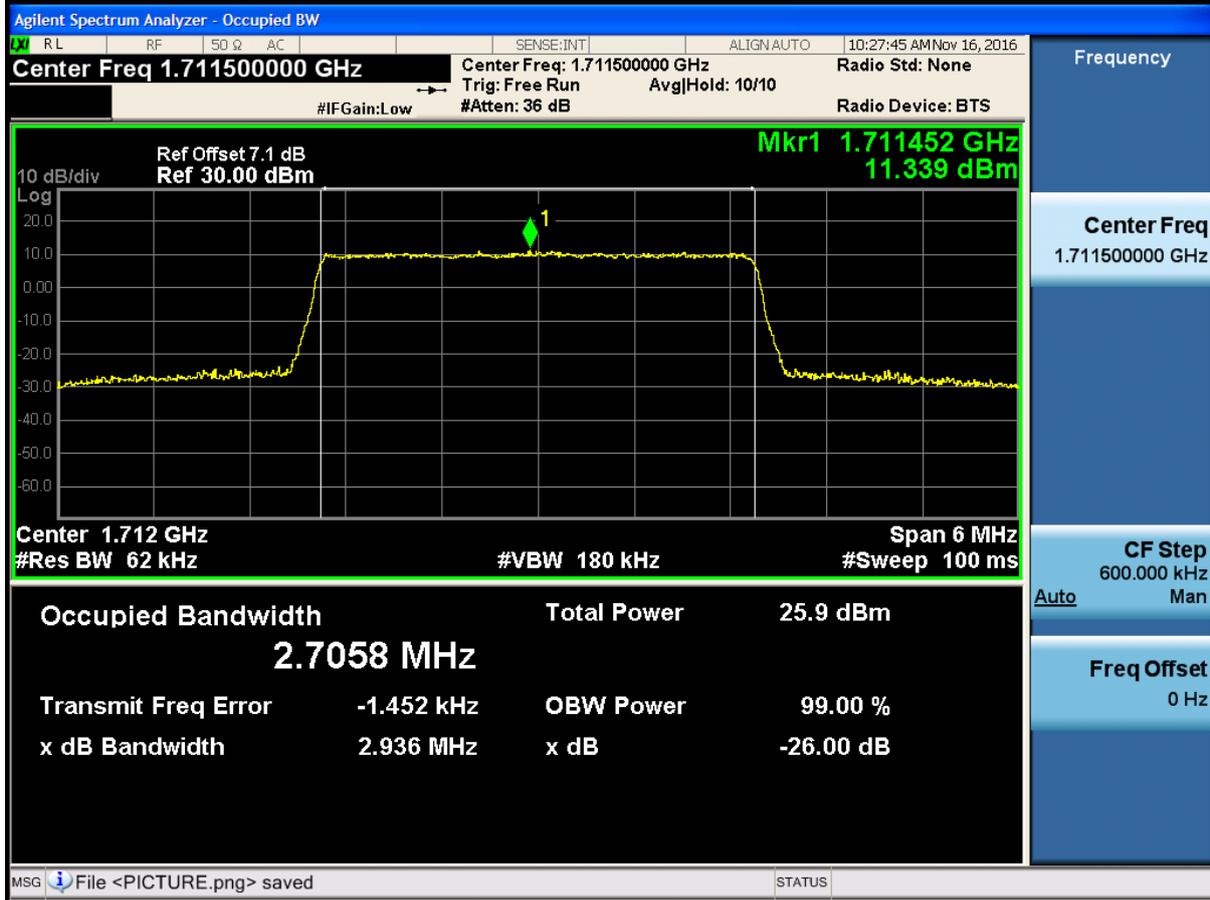
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0
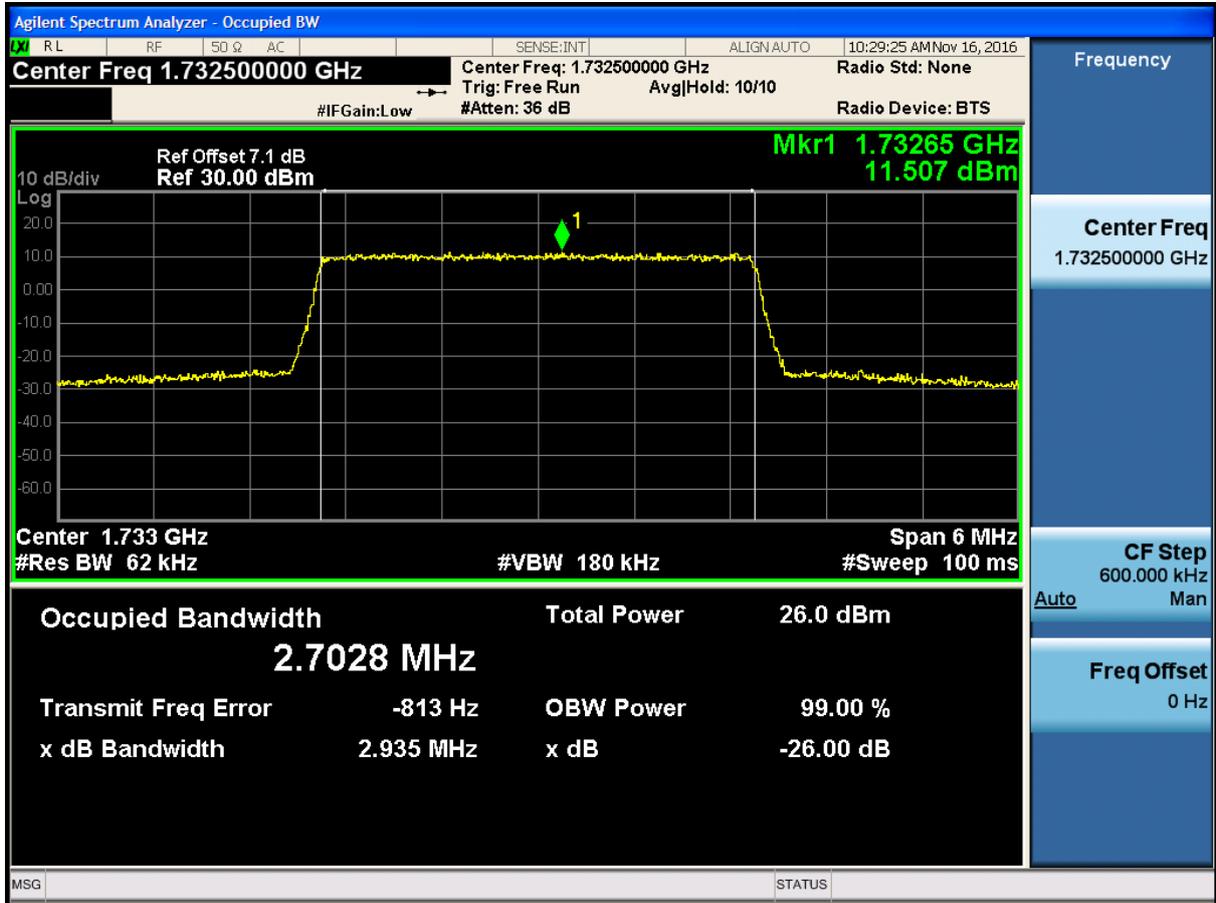
4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0
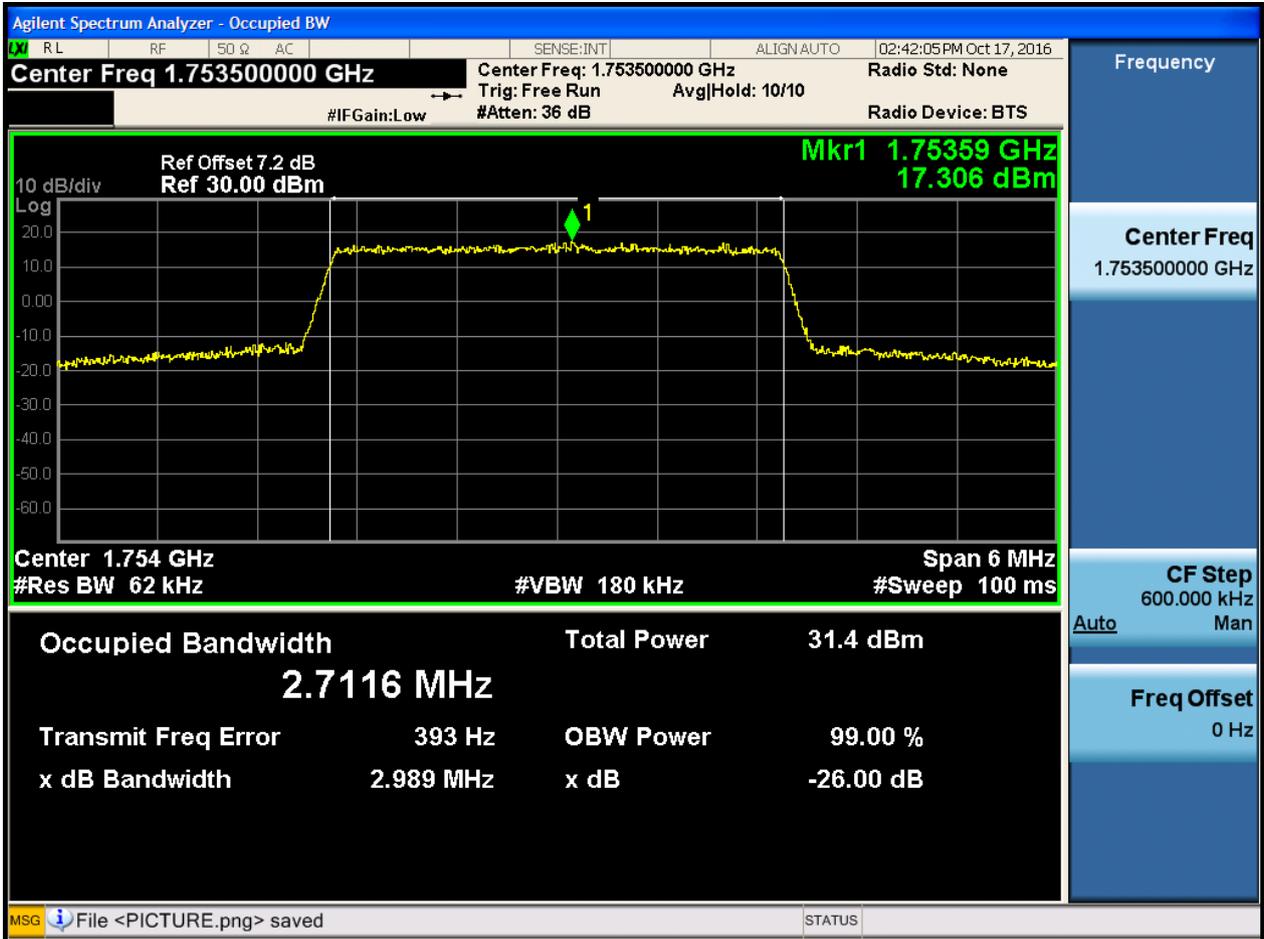
4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0
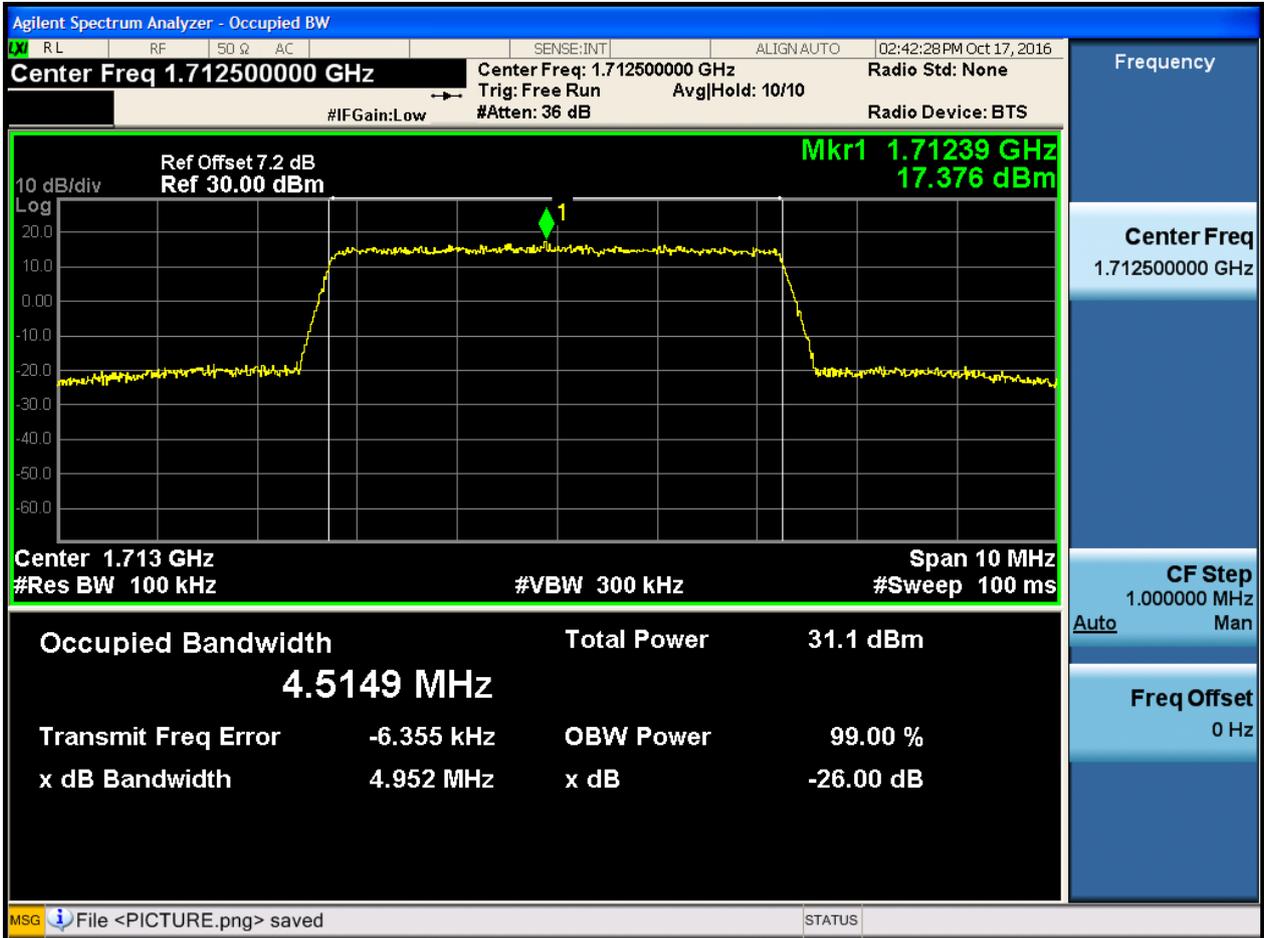
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0
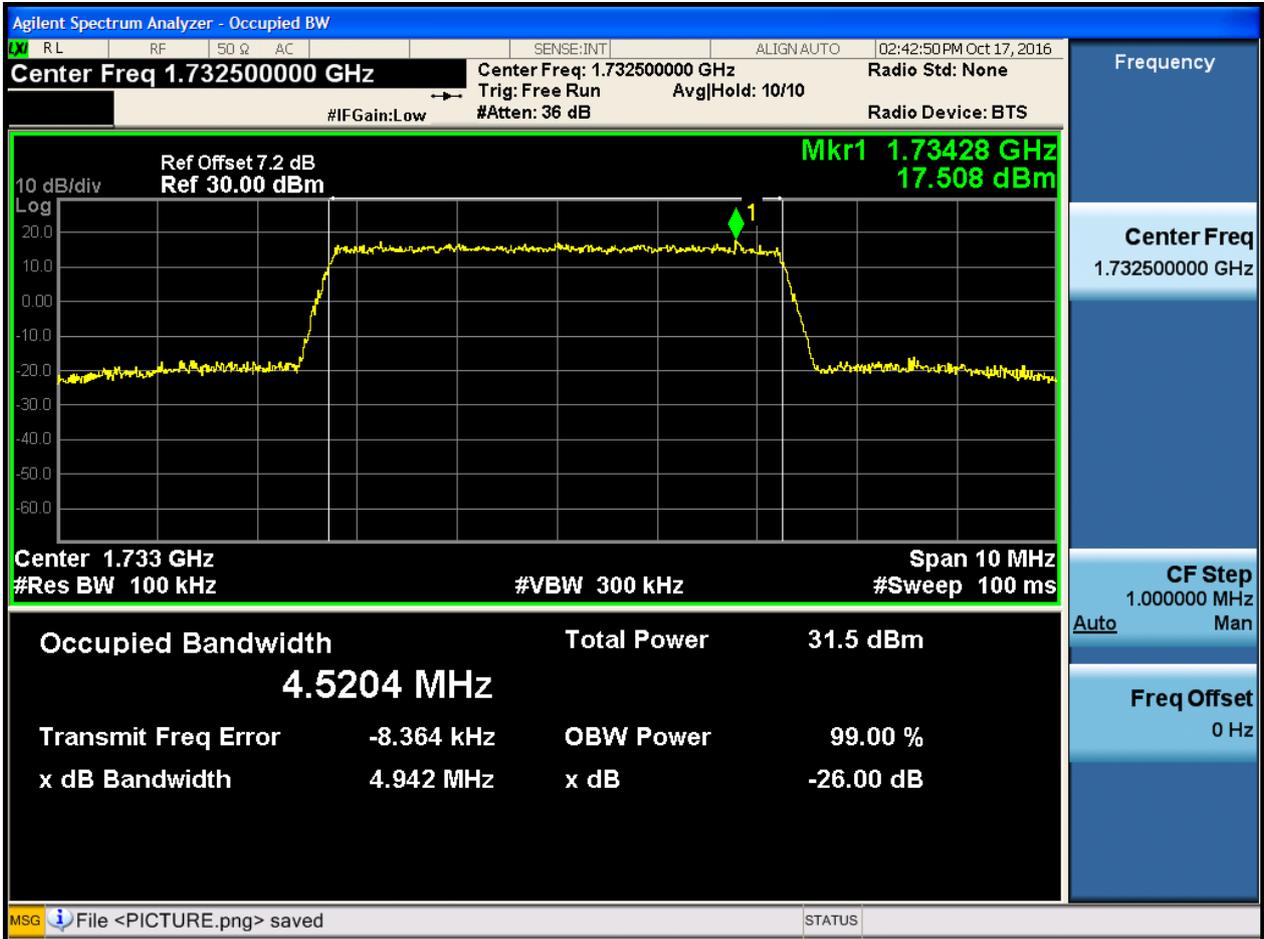
4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.
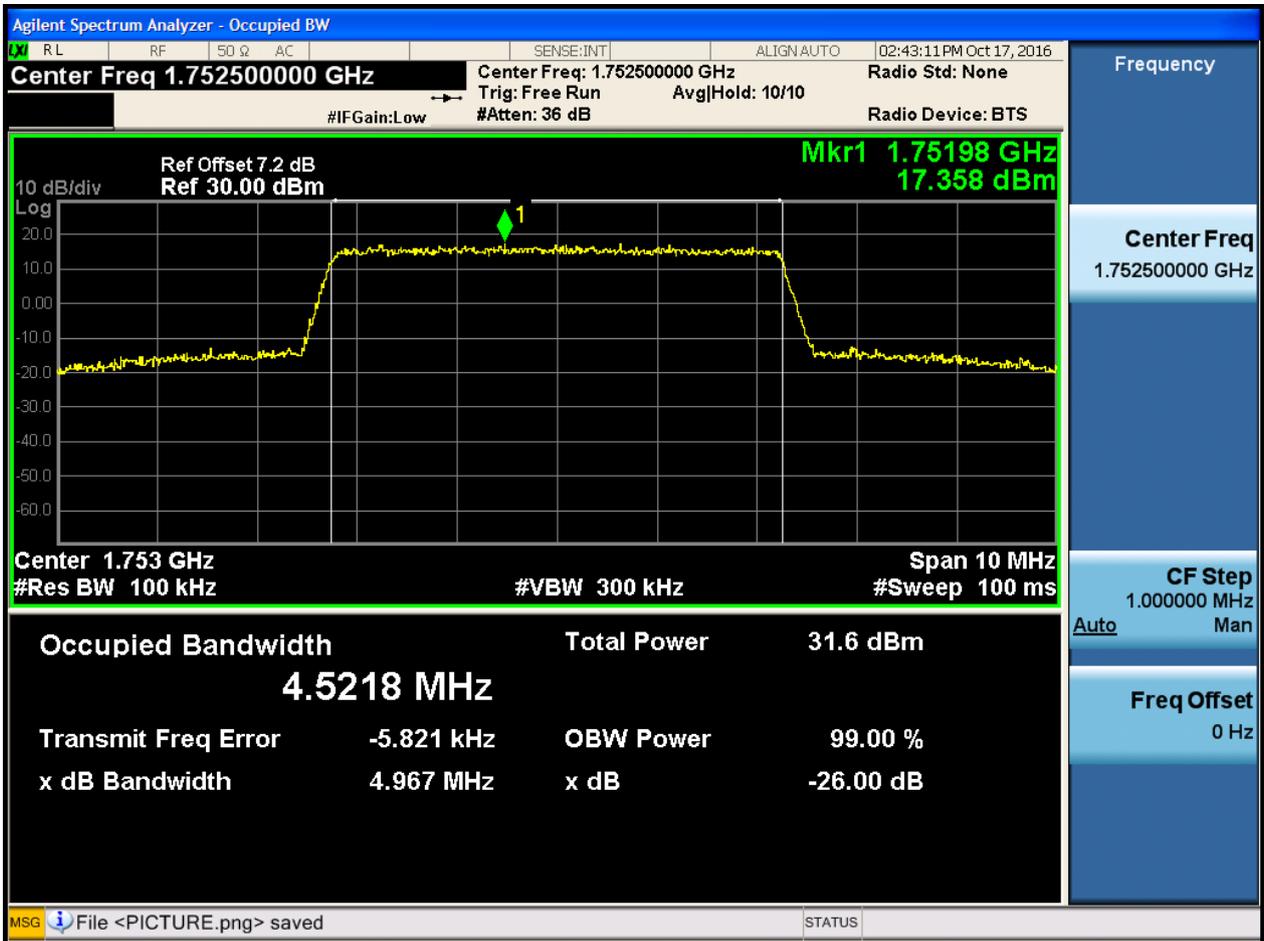
4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0
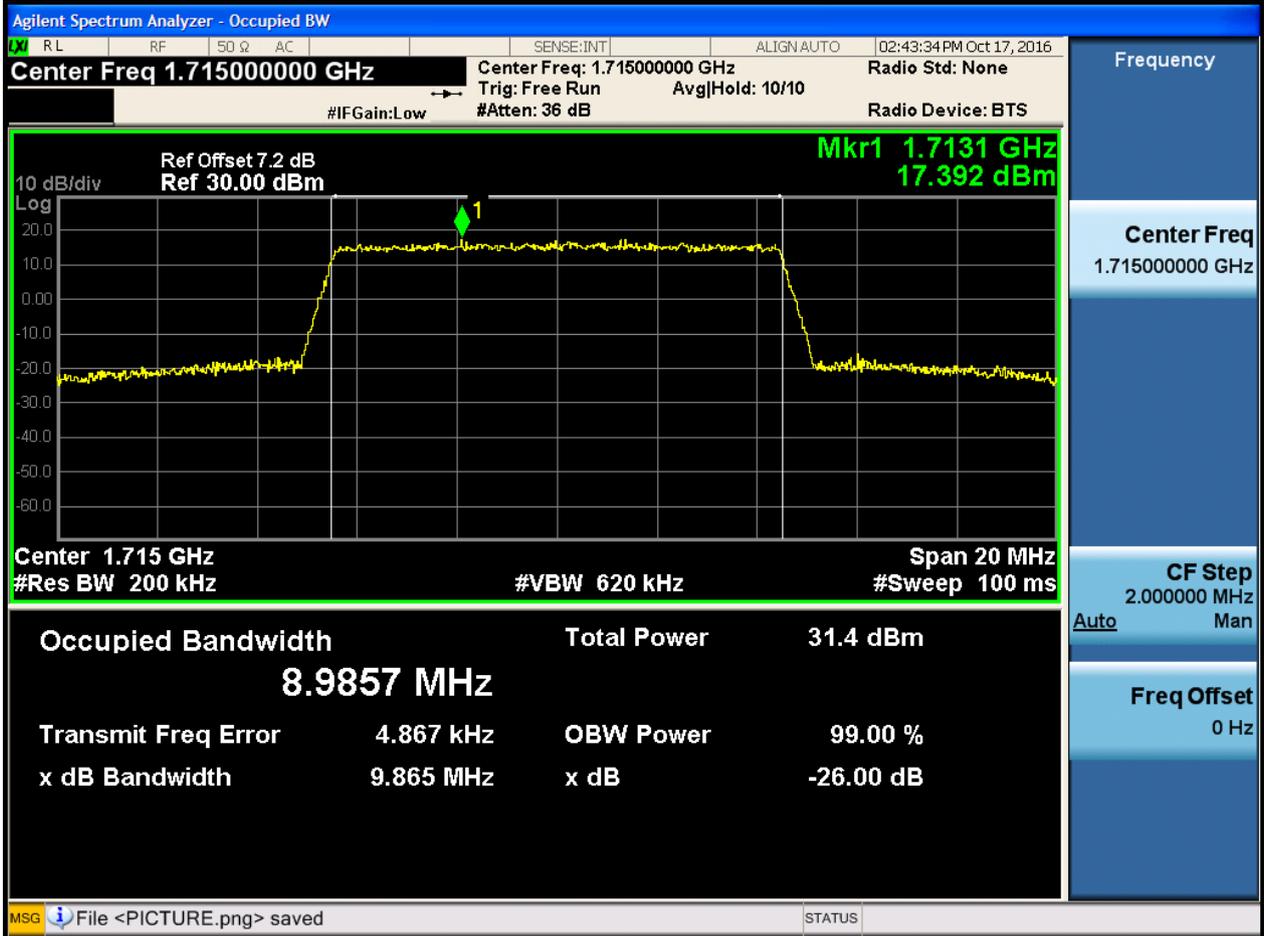
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0
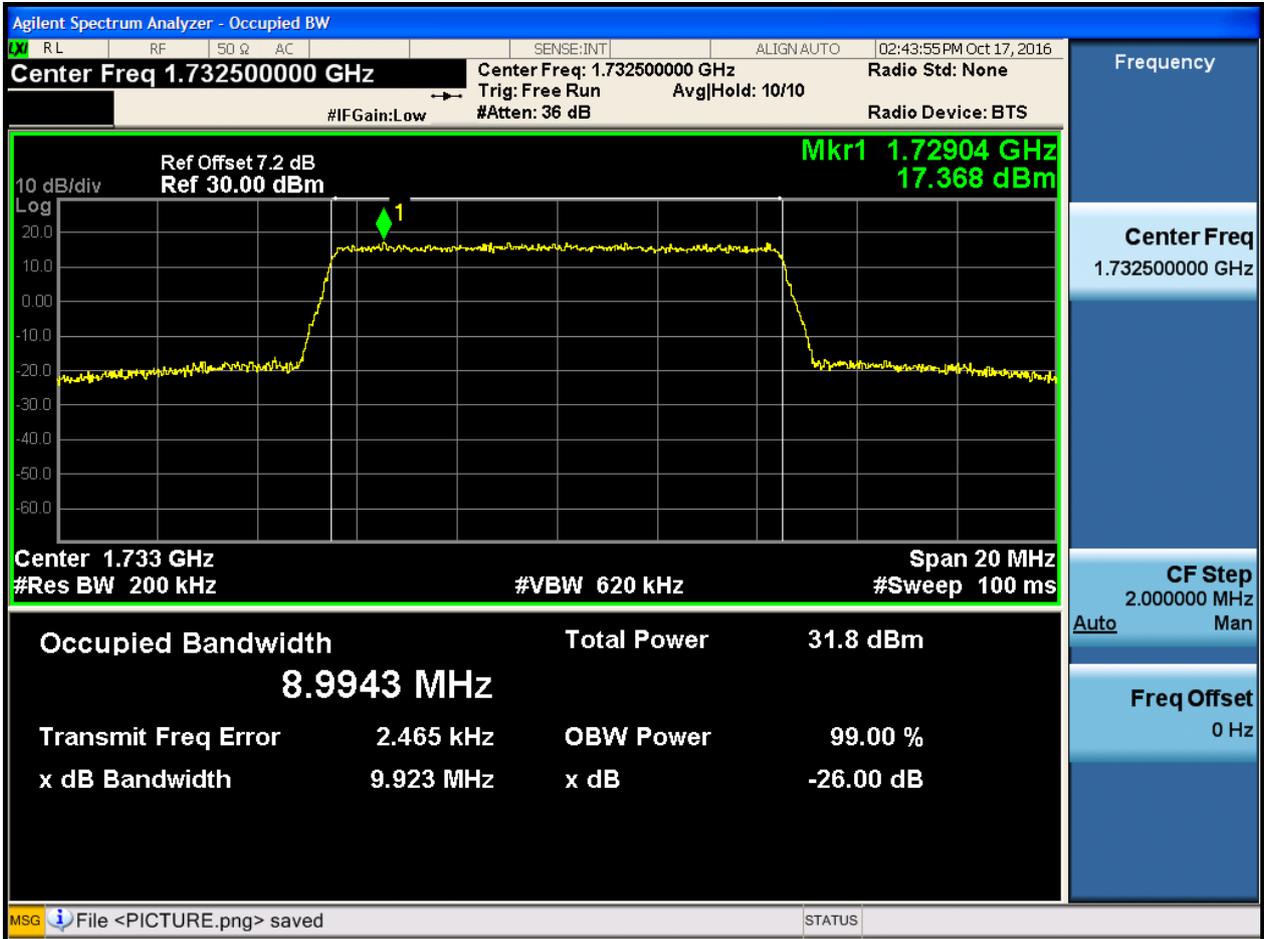
4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0
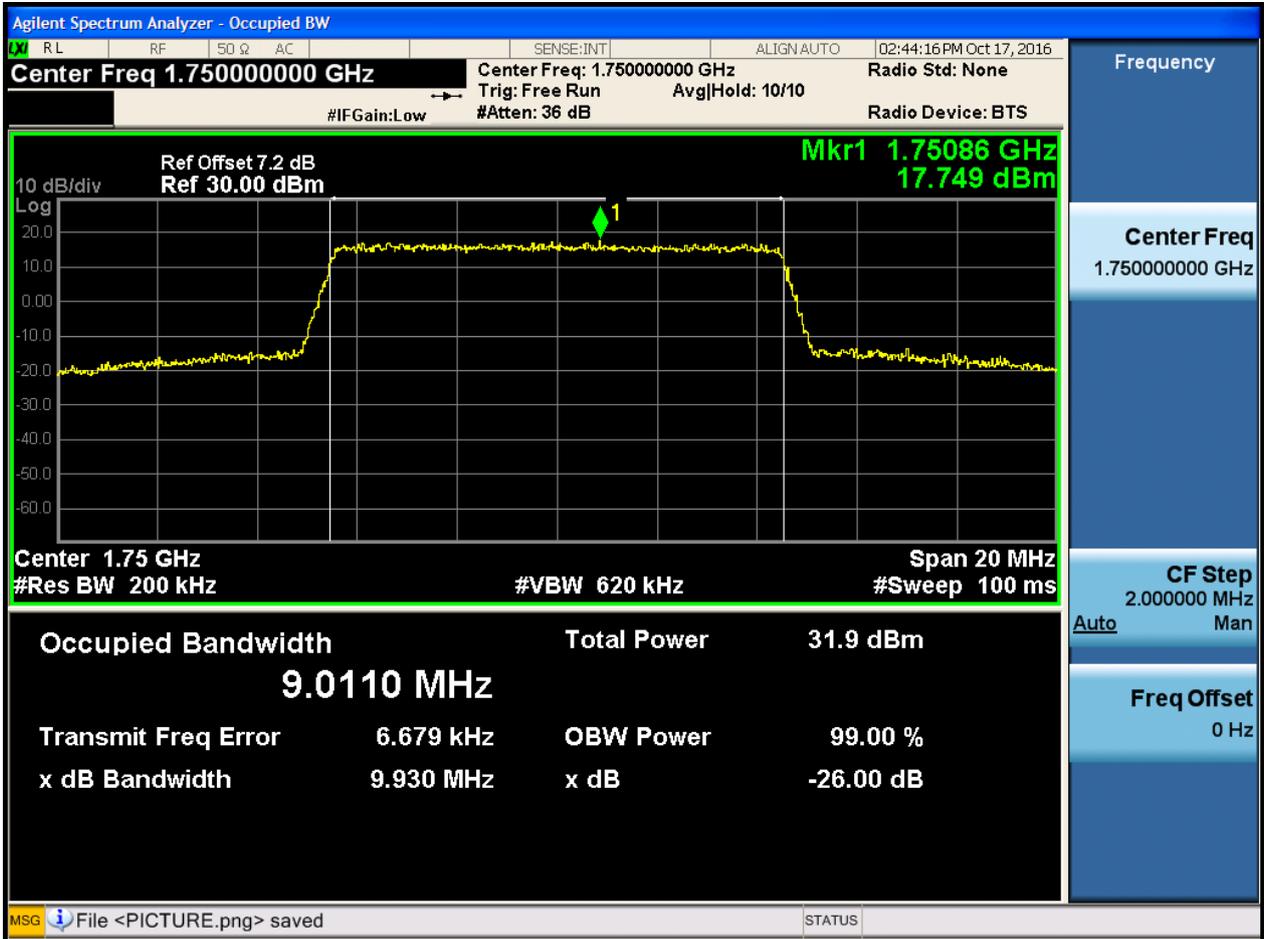
4.1.1.1.5 Test Bandwidth = 15

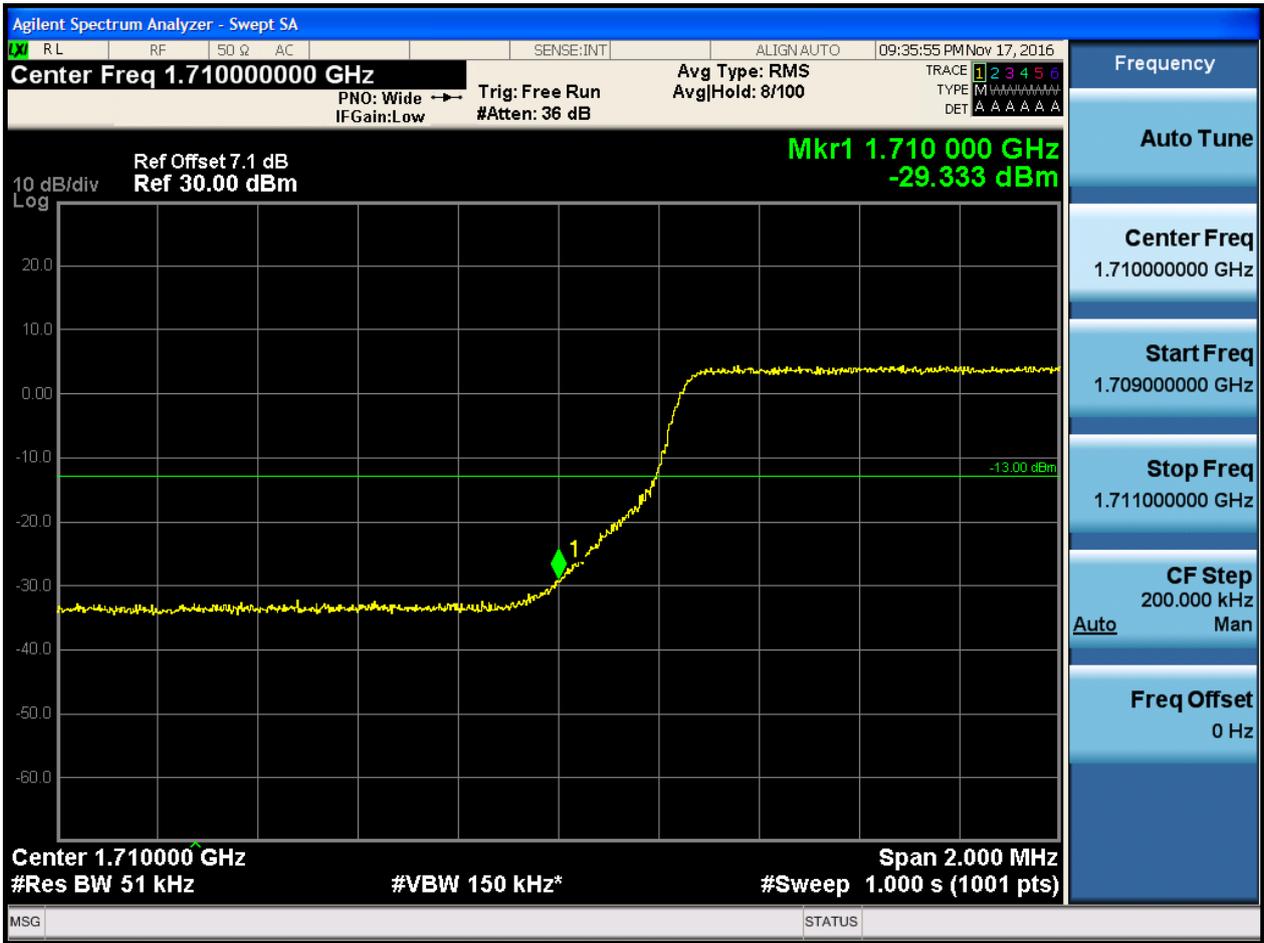**4.1.1.1.5.1 Test Channel = LCH**

4.1.1.1.5.1.1 Test RB = RB75#0
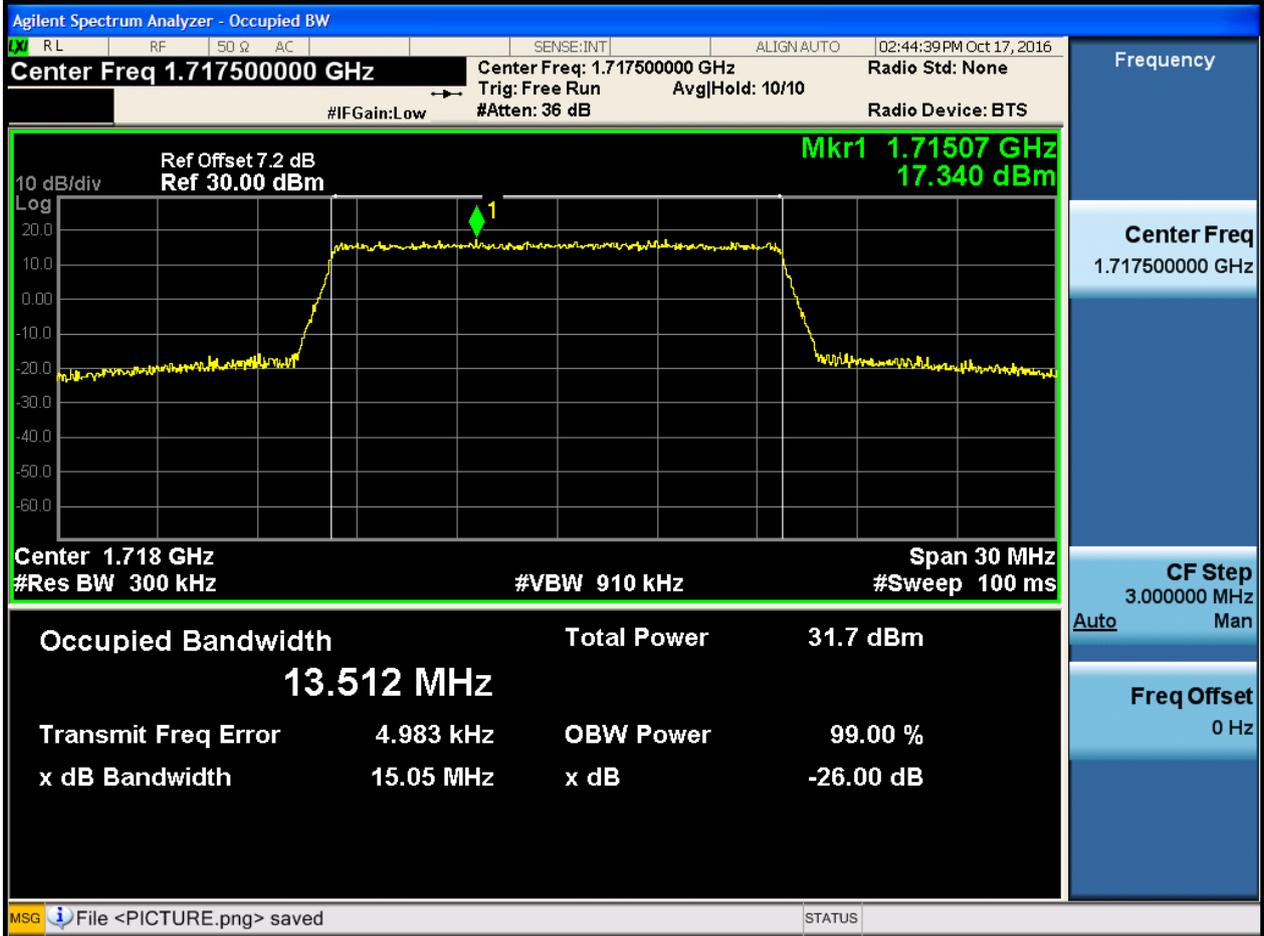
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0
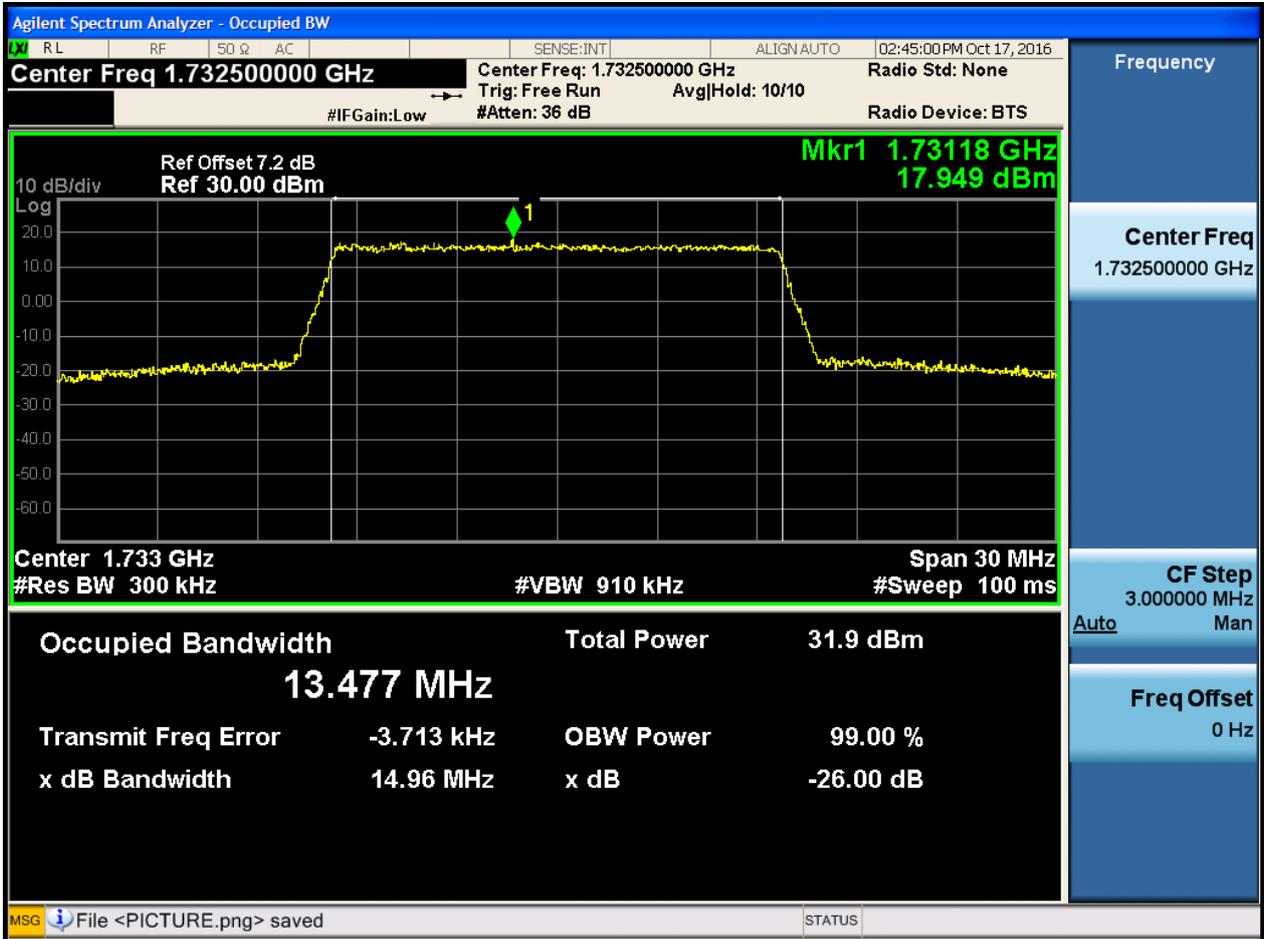
4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0
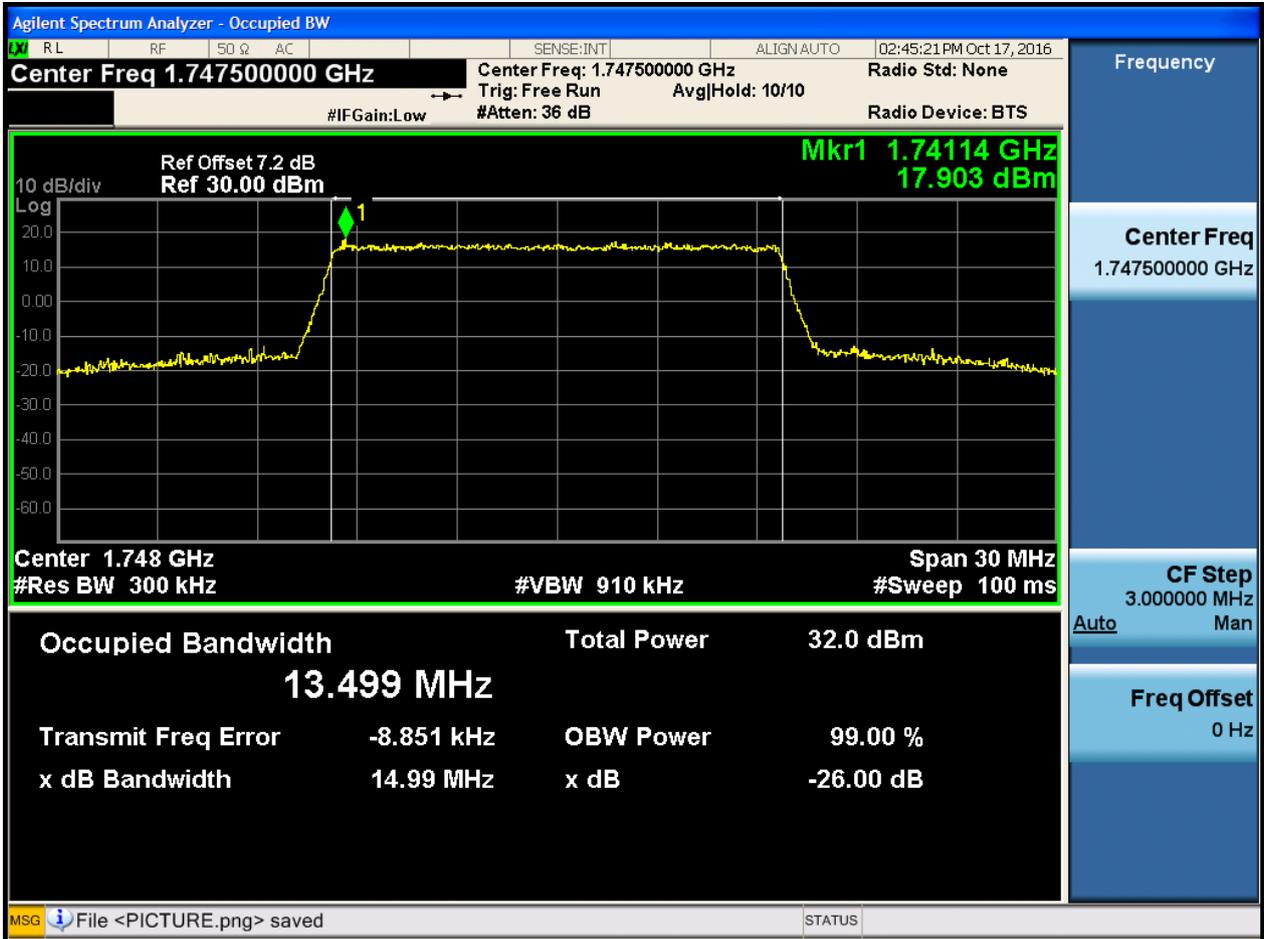
4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0
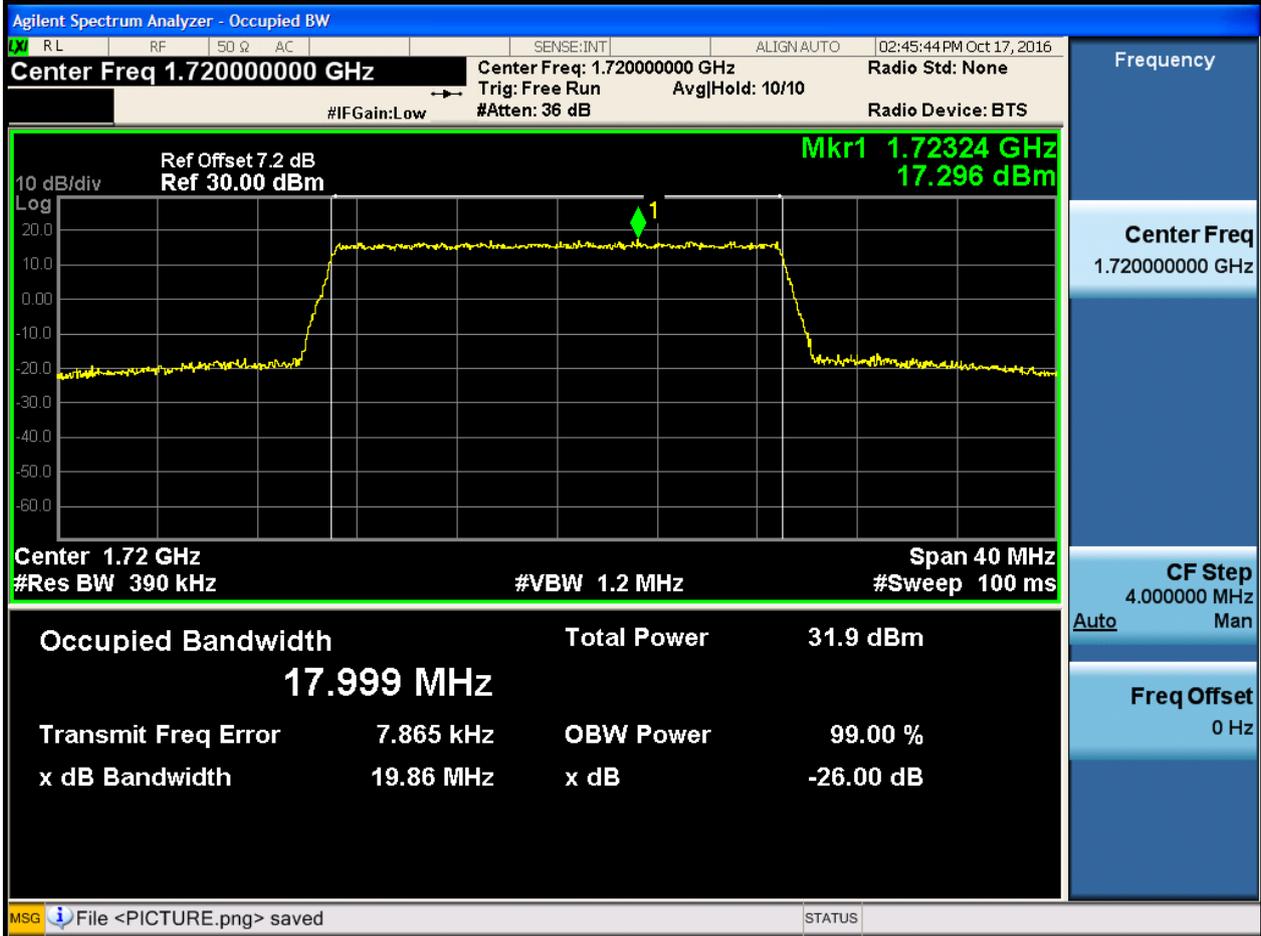
4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.
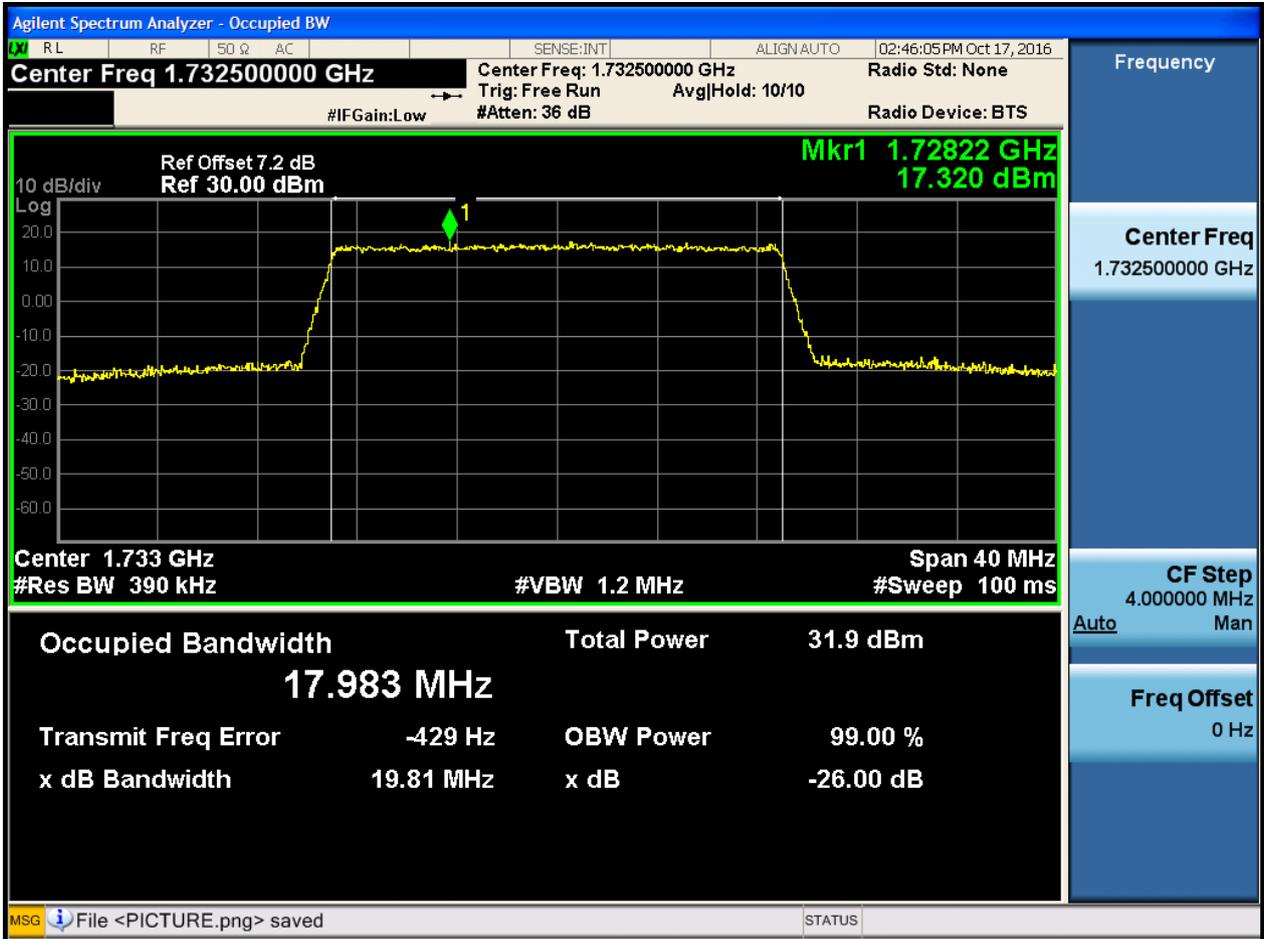
4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0
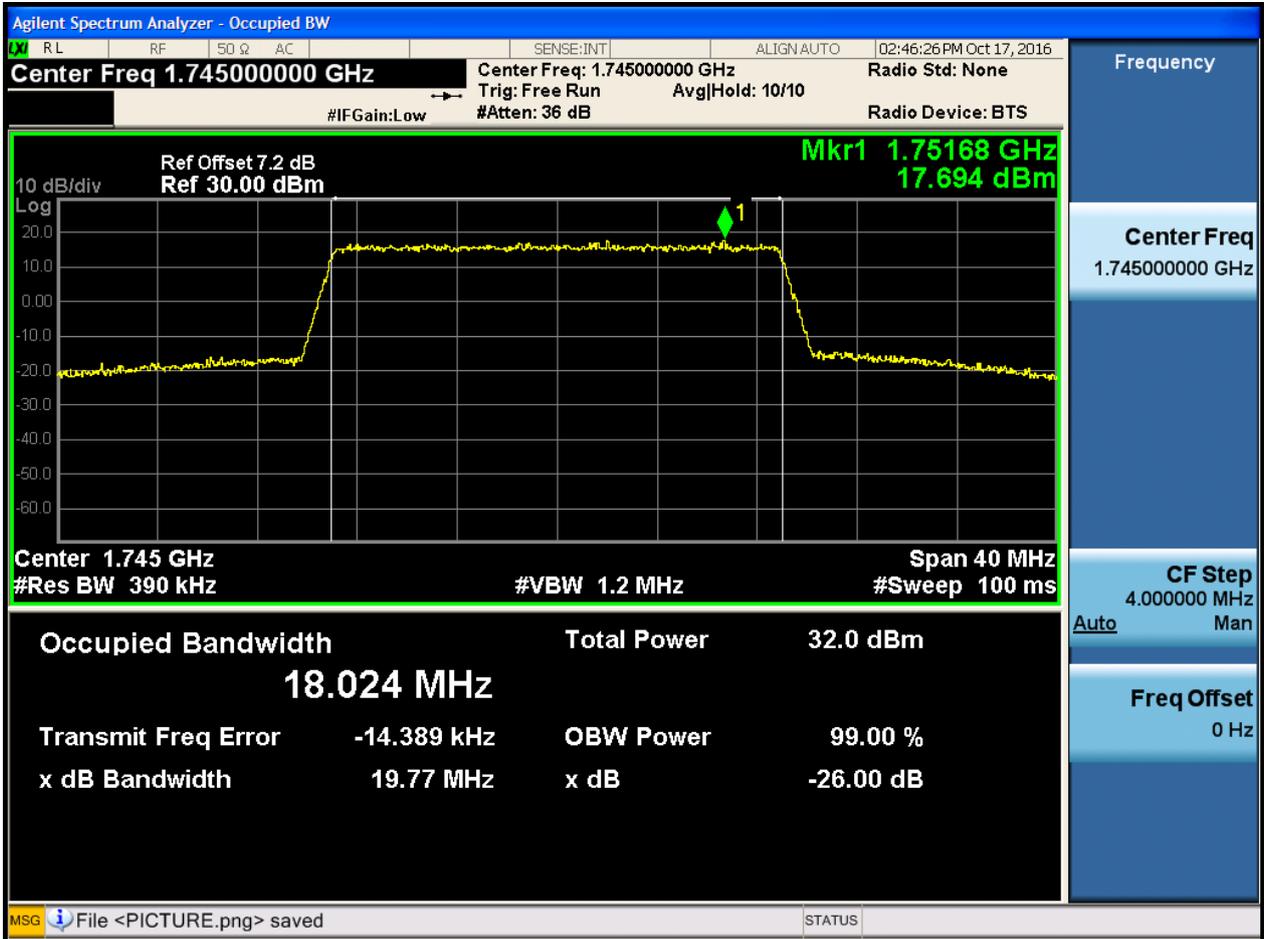
4.1.1.2 Test Mode = LTE/TM2

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
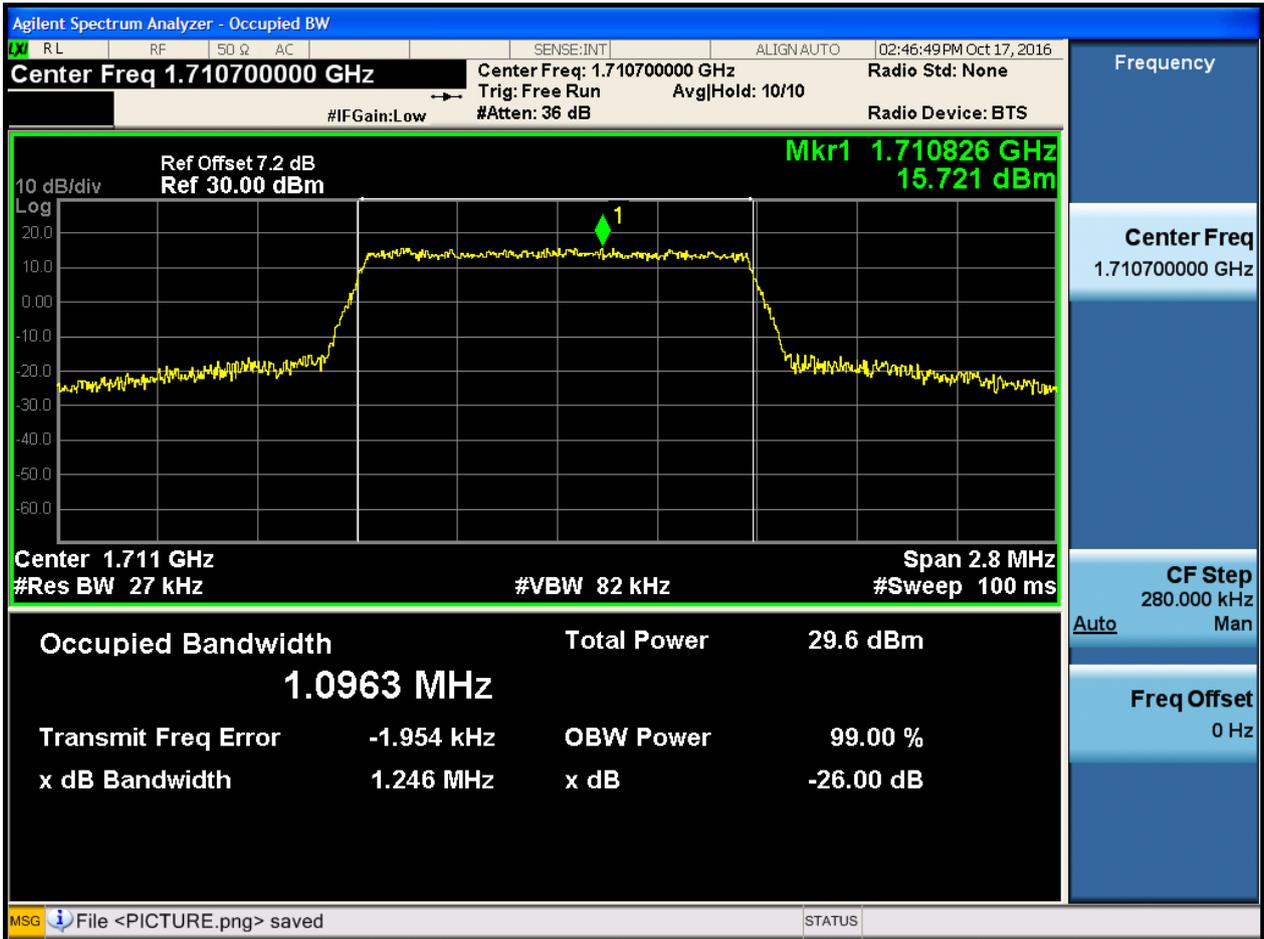
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0
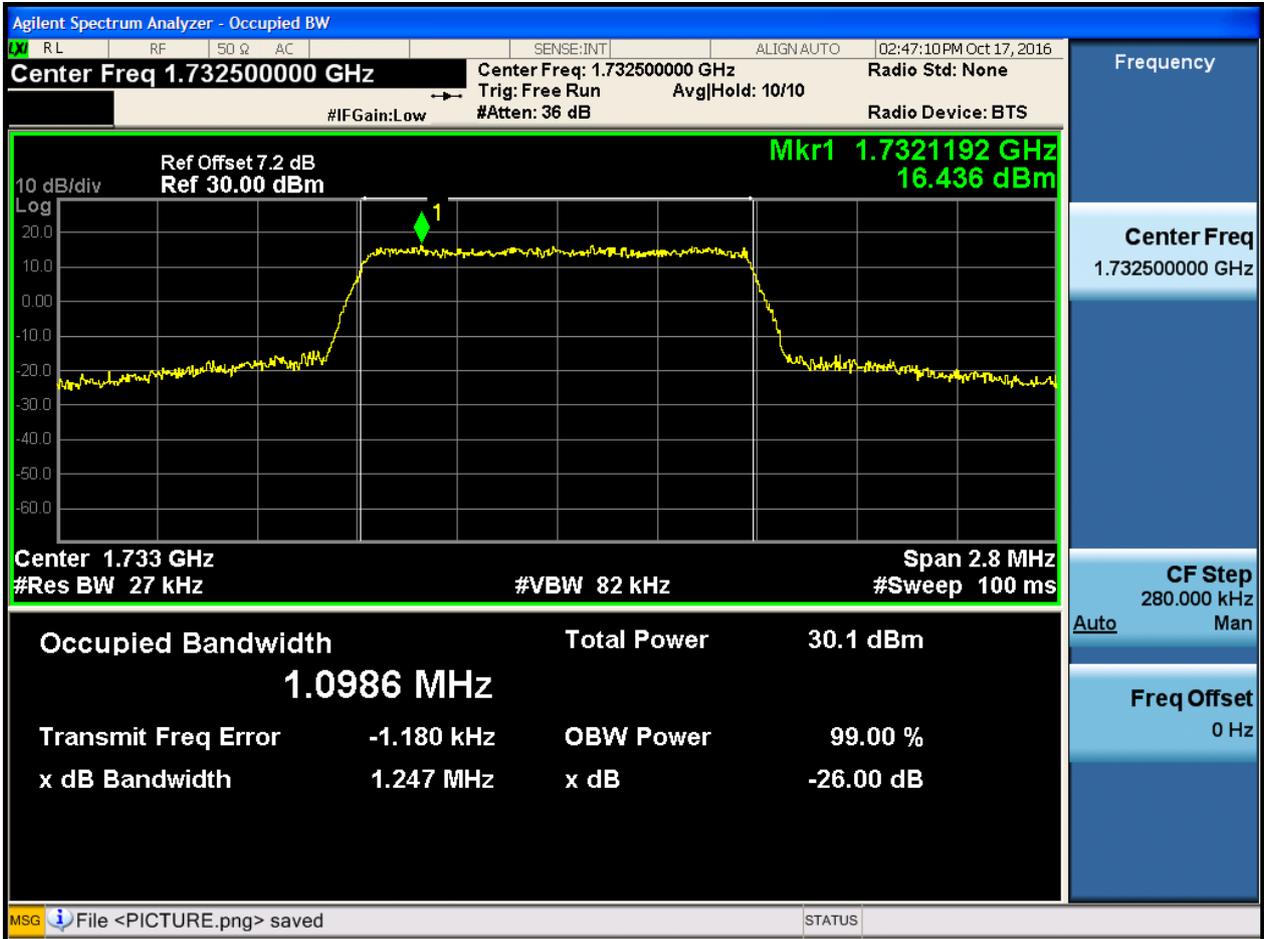
4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0
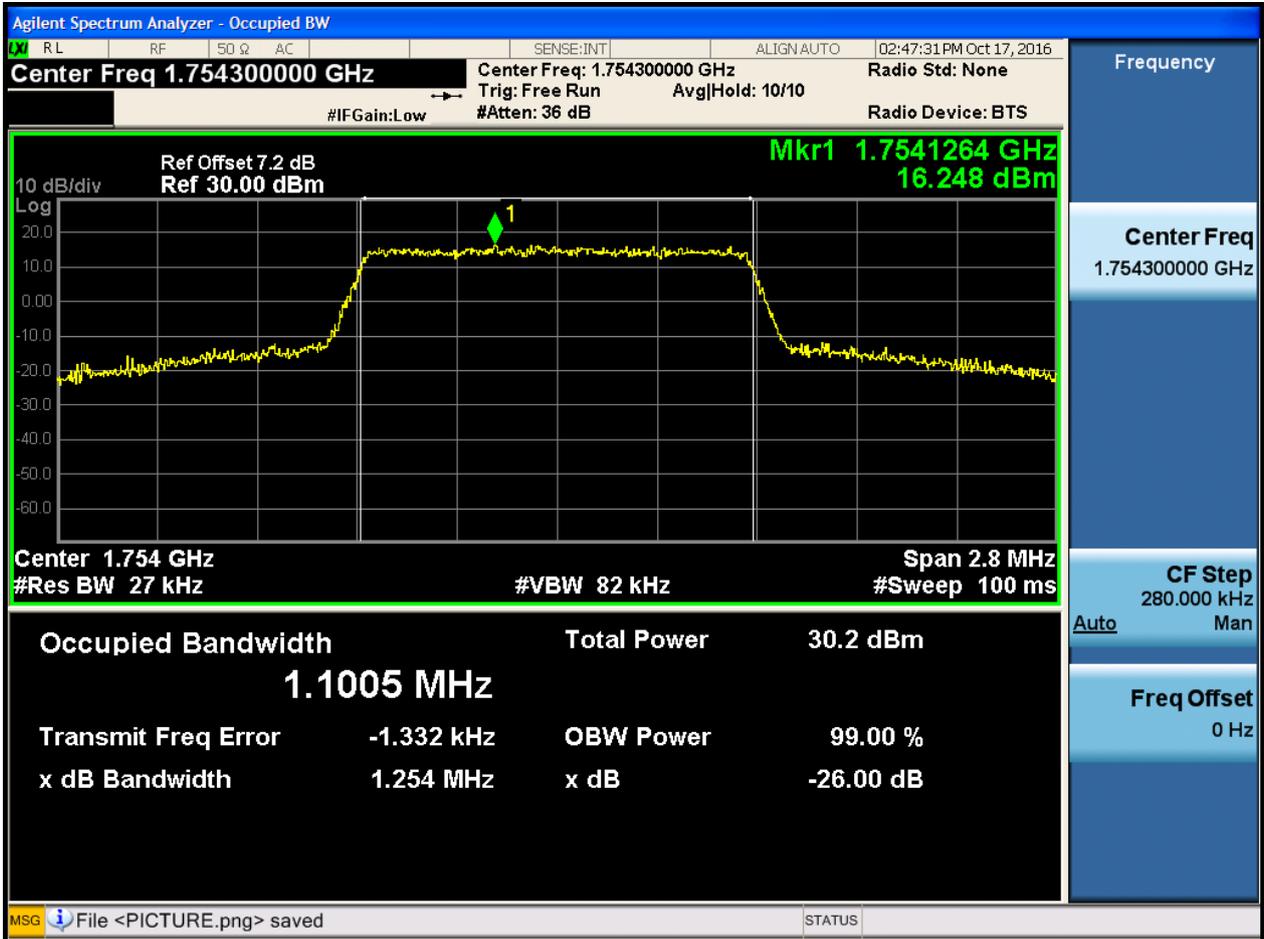
4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0
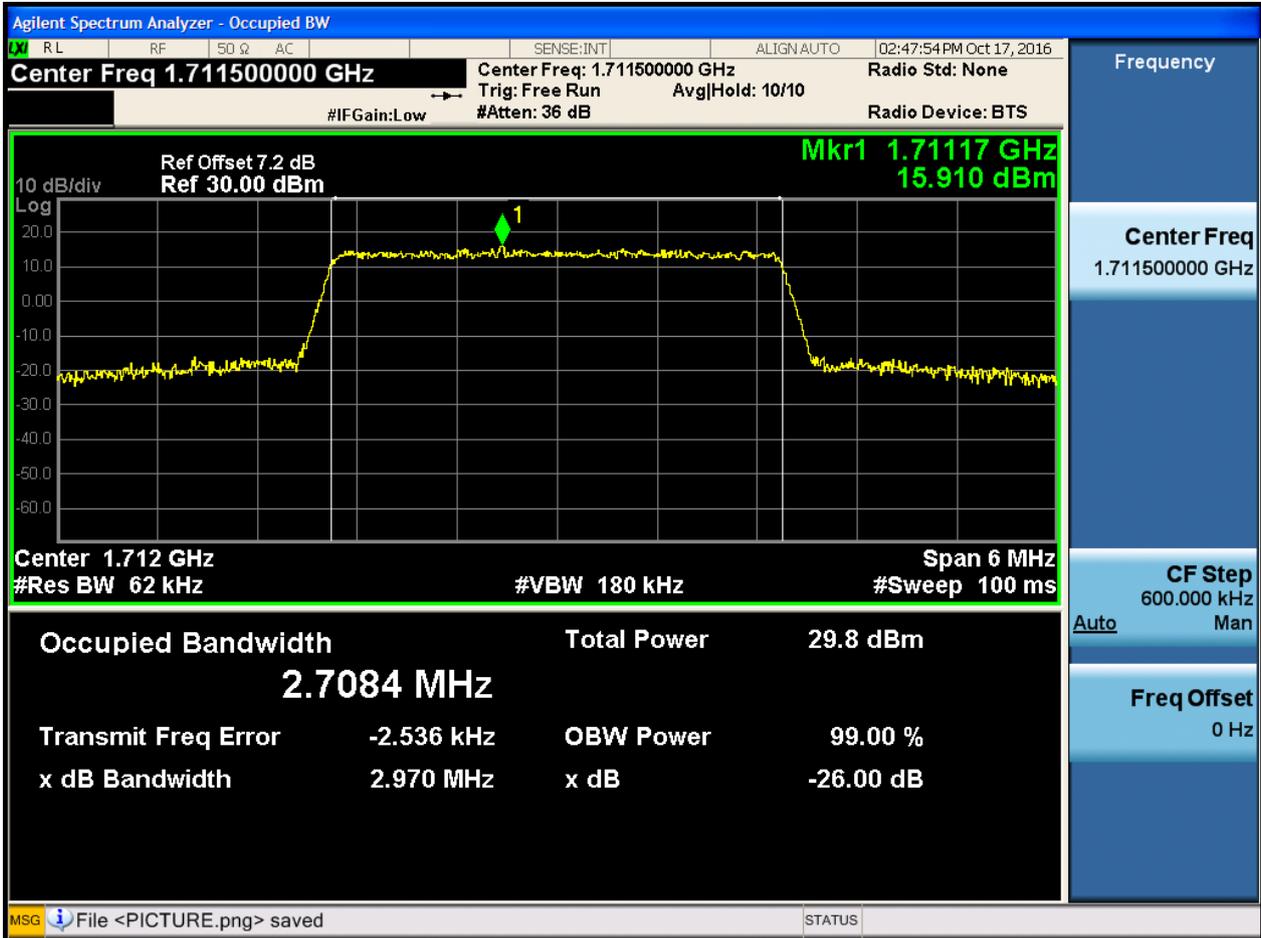
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.
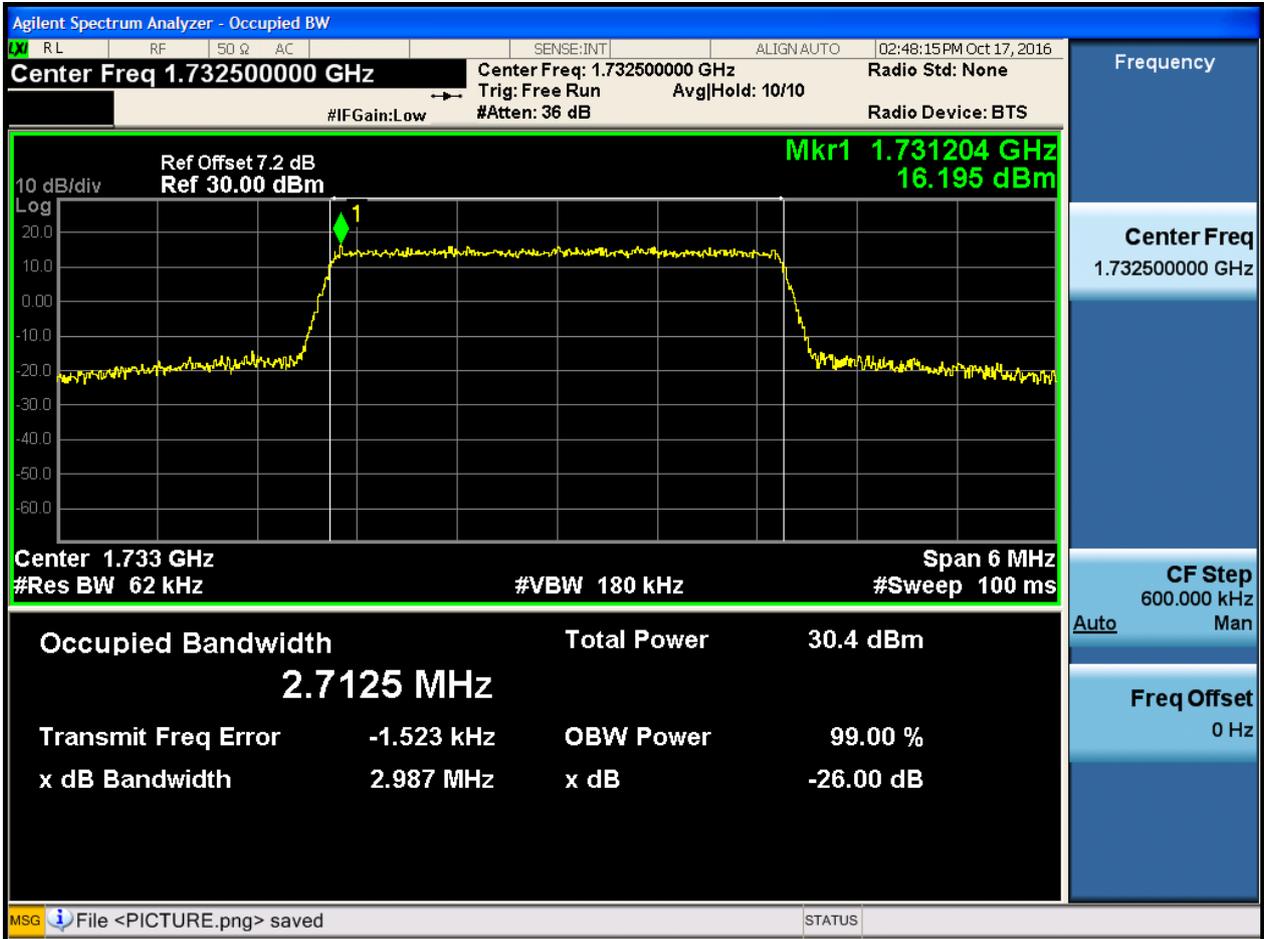
4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0
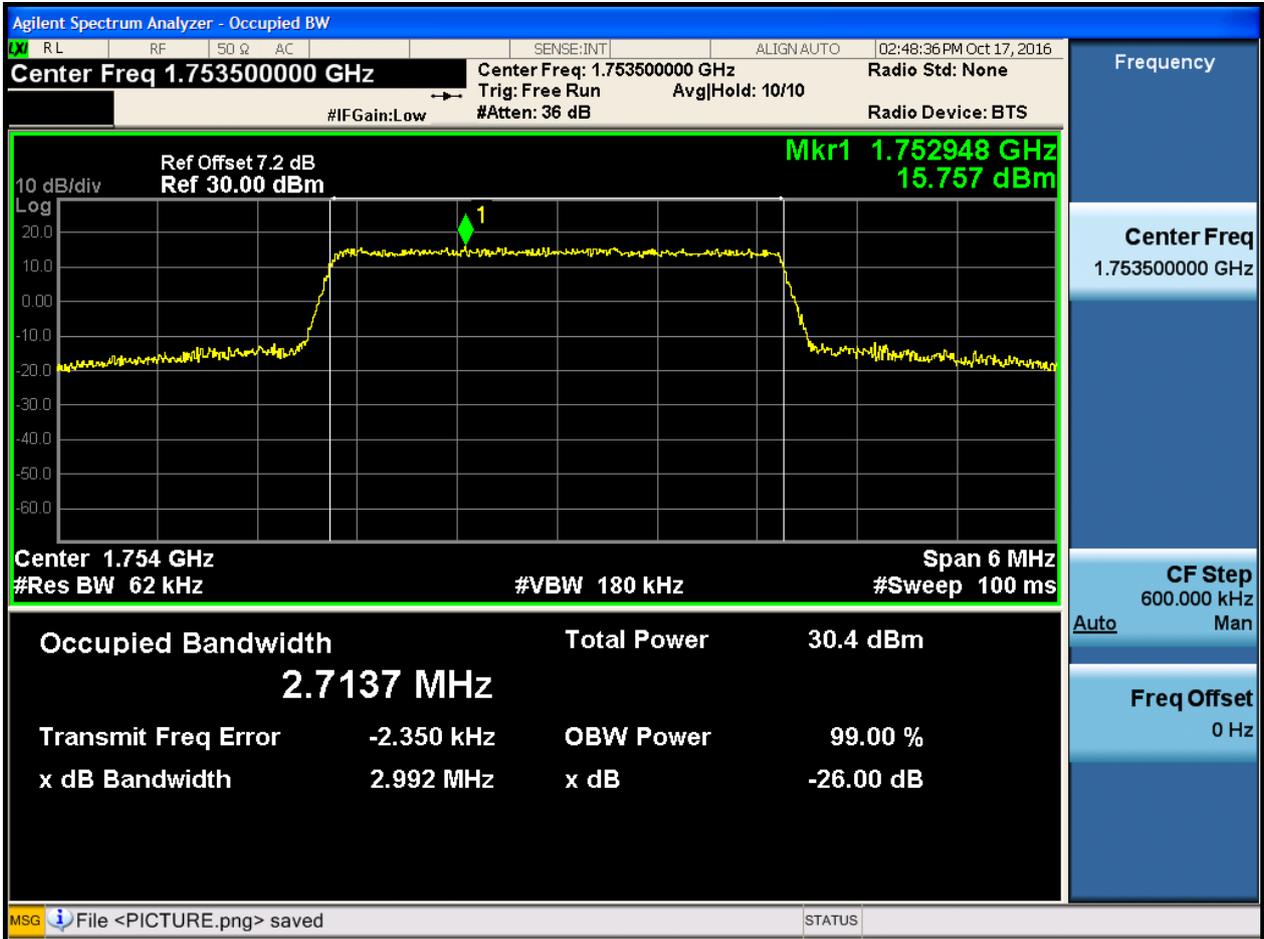
4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0
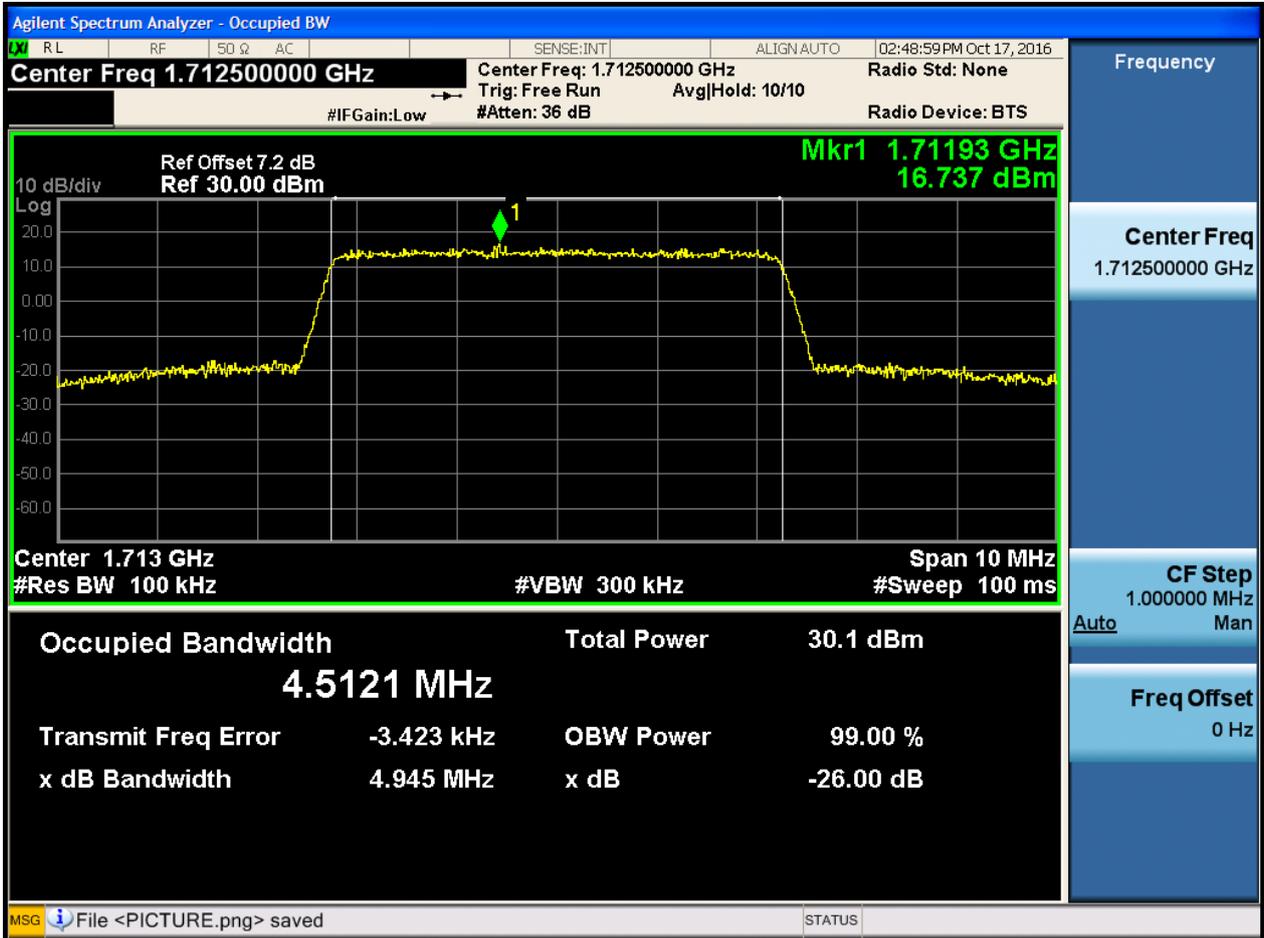
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0
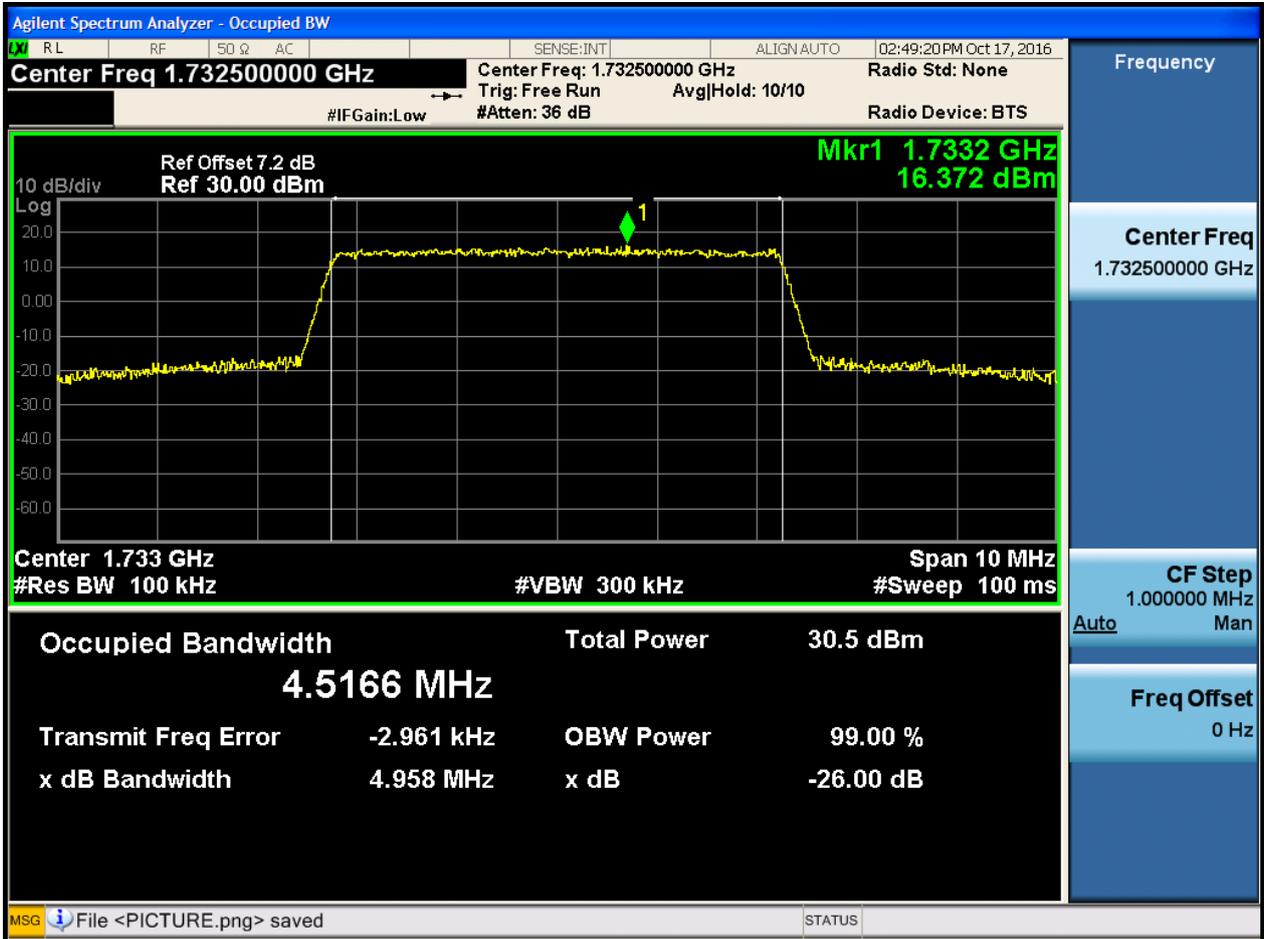
4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0
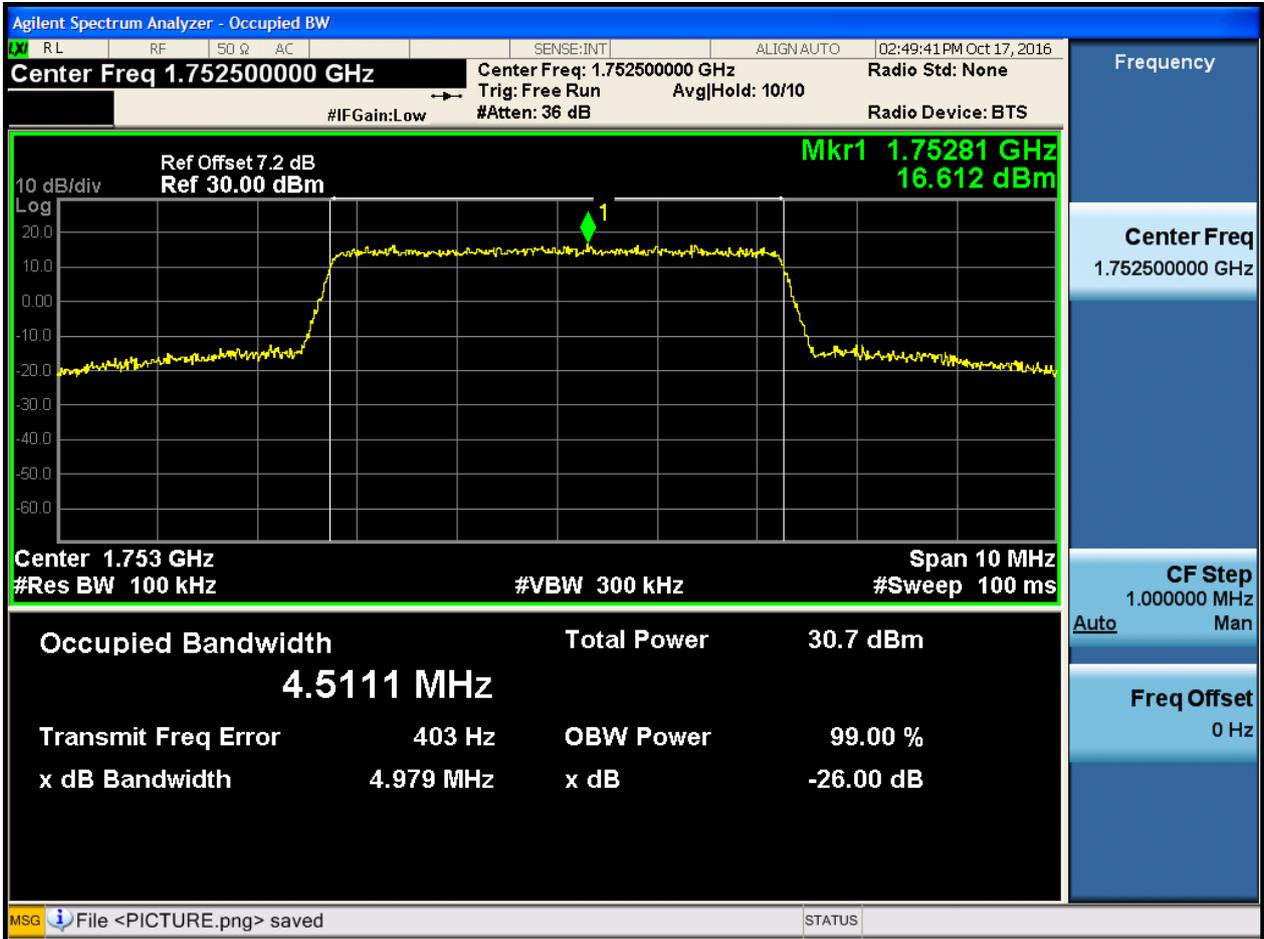
4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0
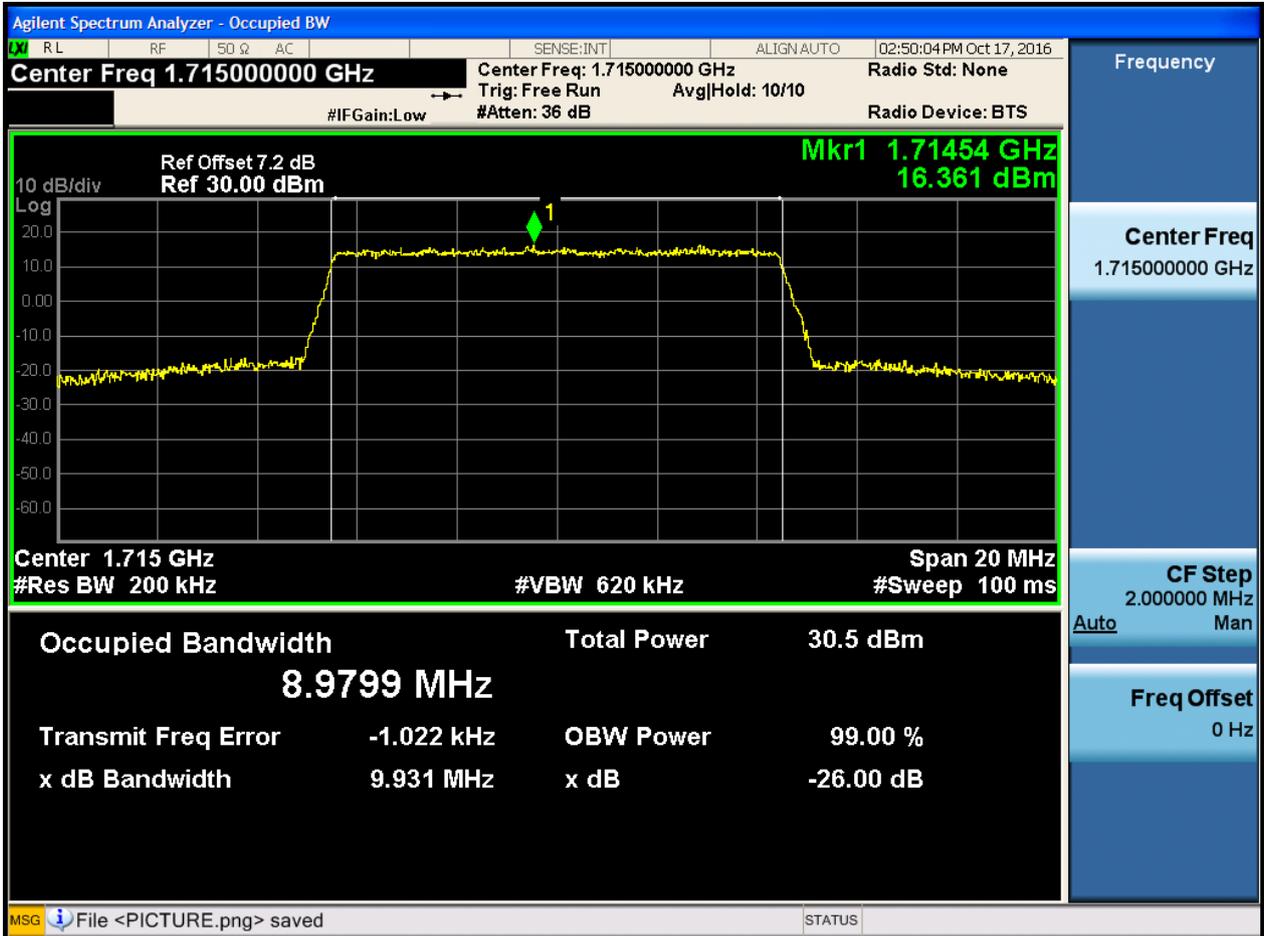
4.1.1.2.4.2 Test Channel = MCH

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
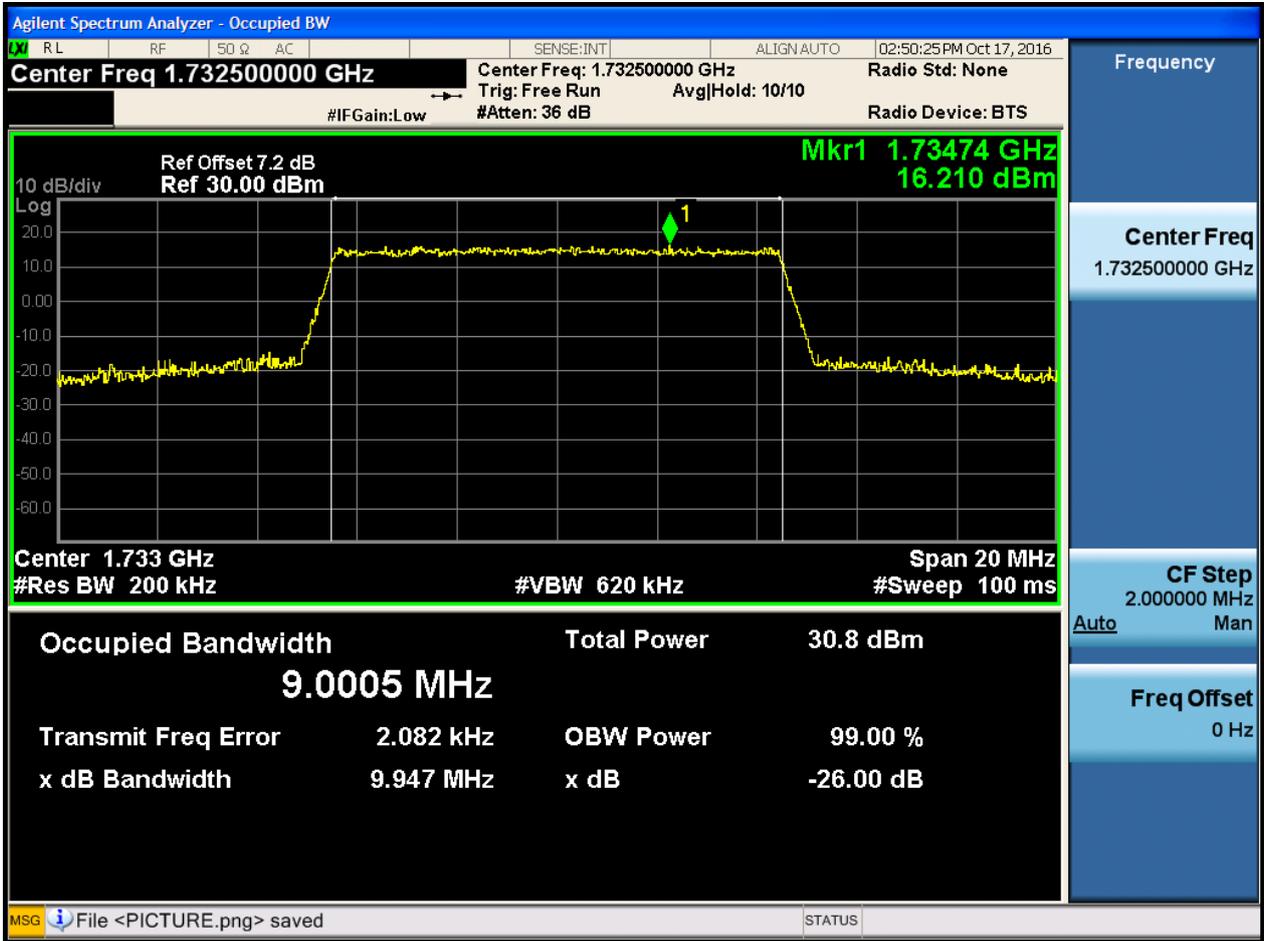
4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0
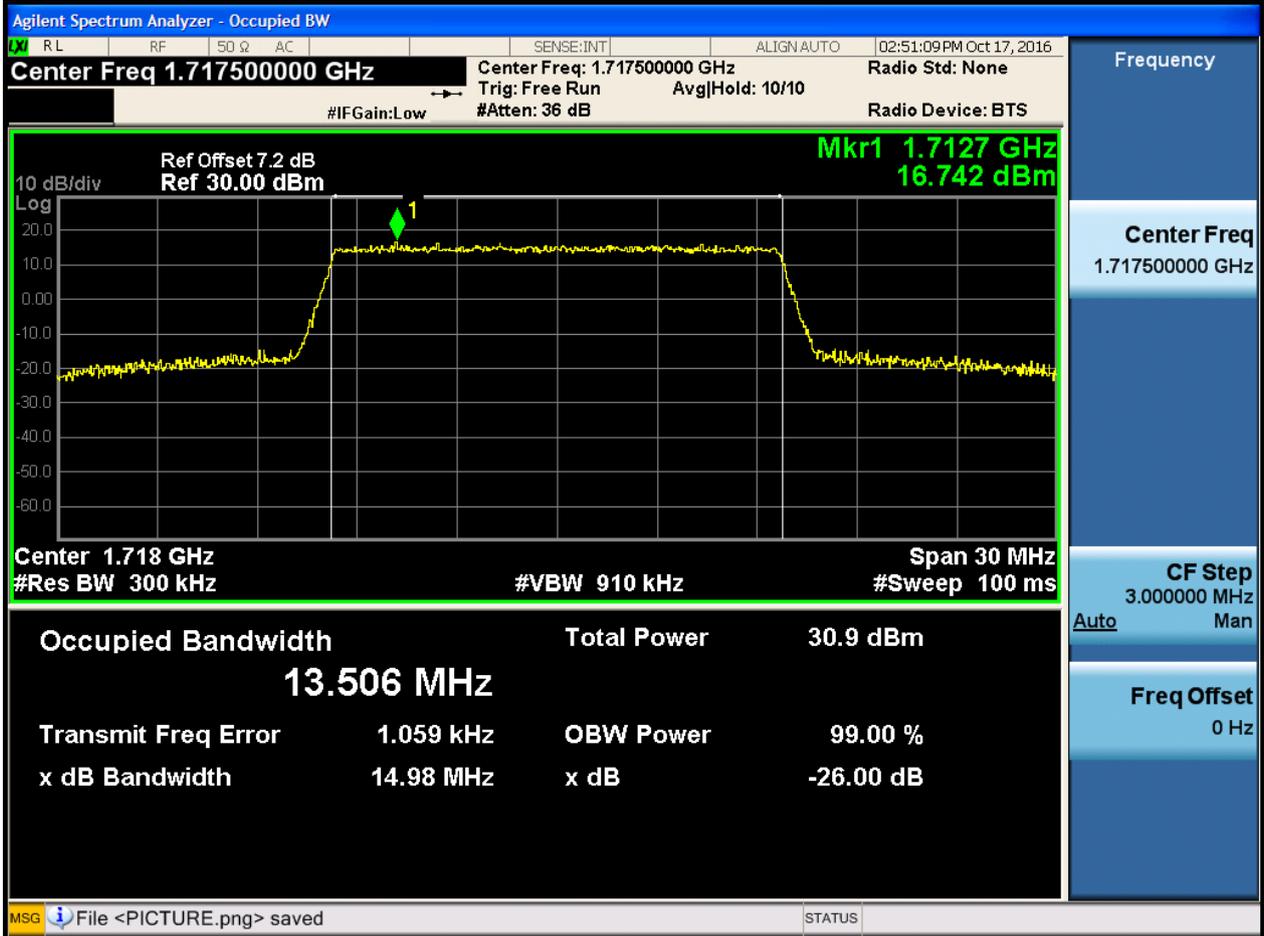
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0
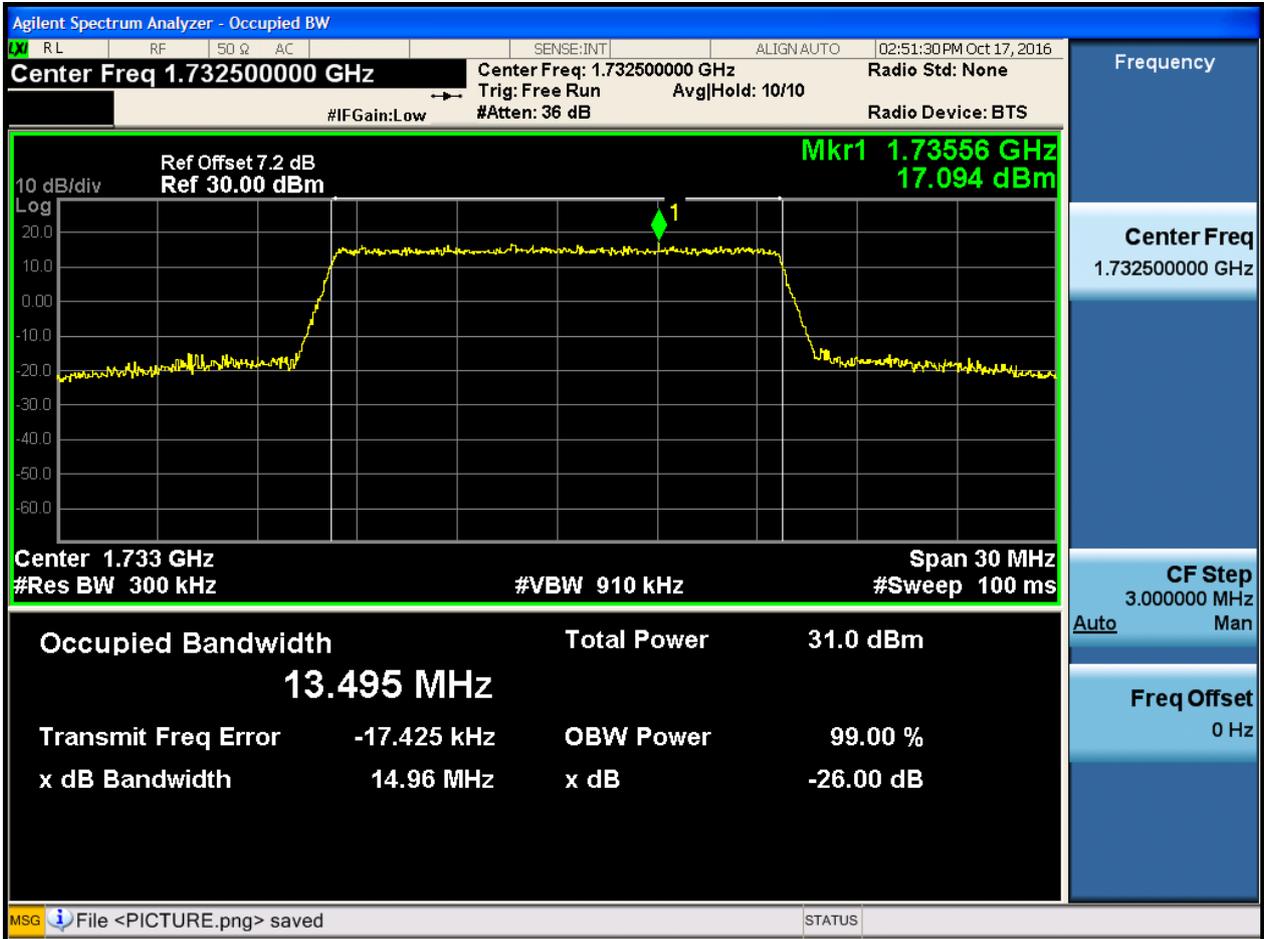
4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0
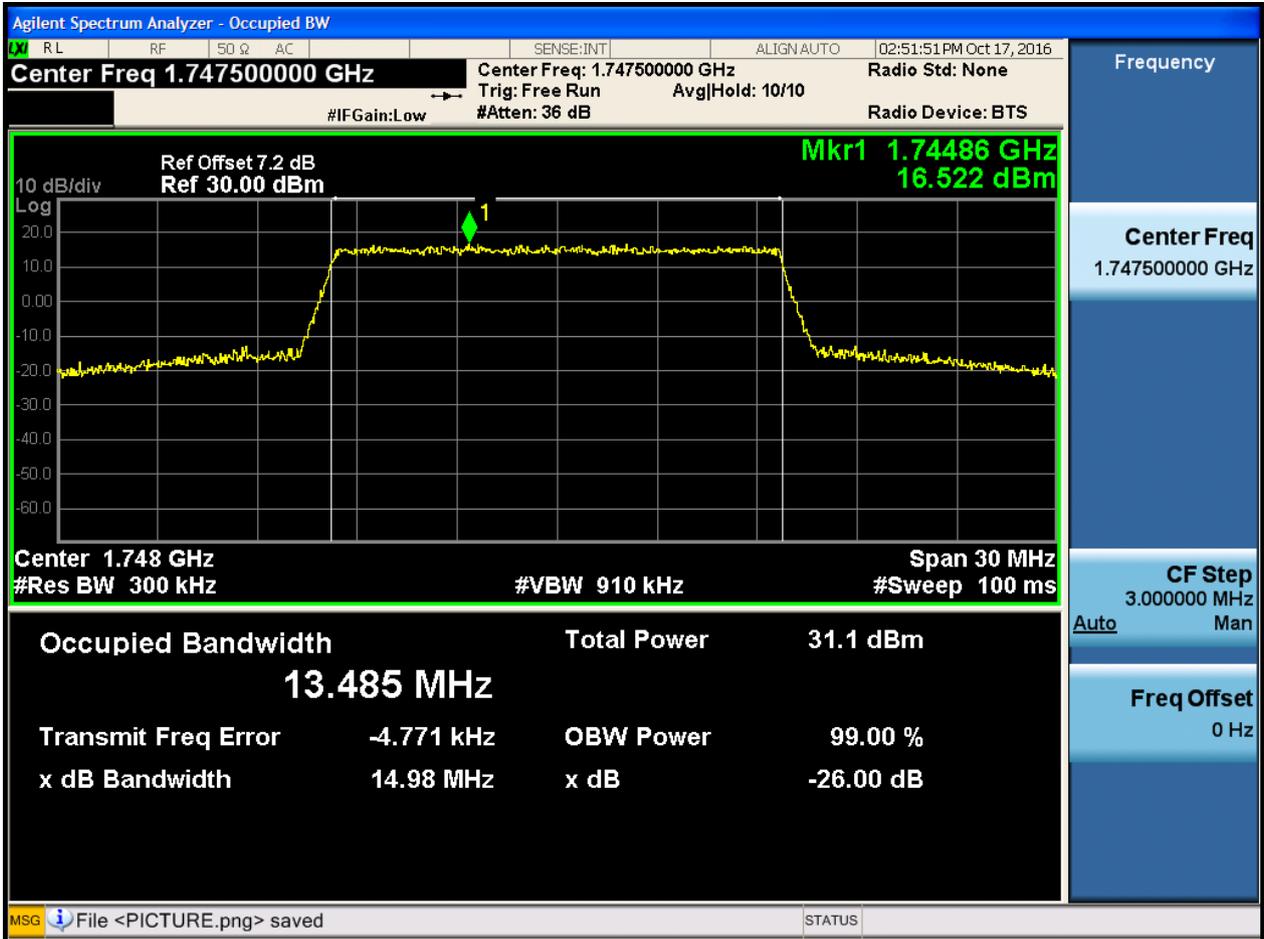
4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0
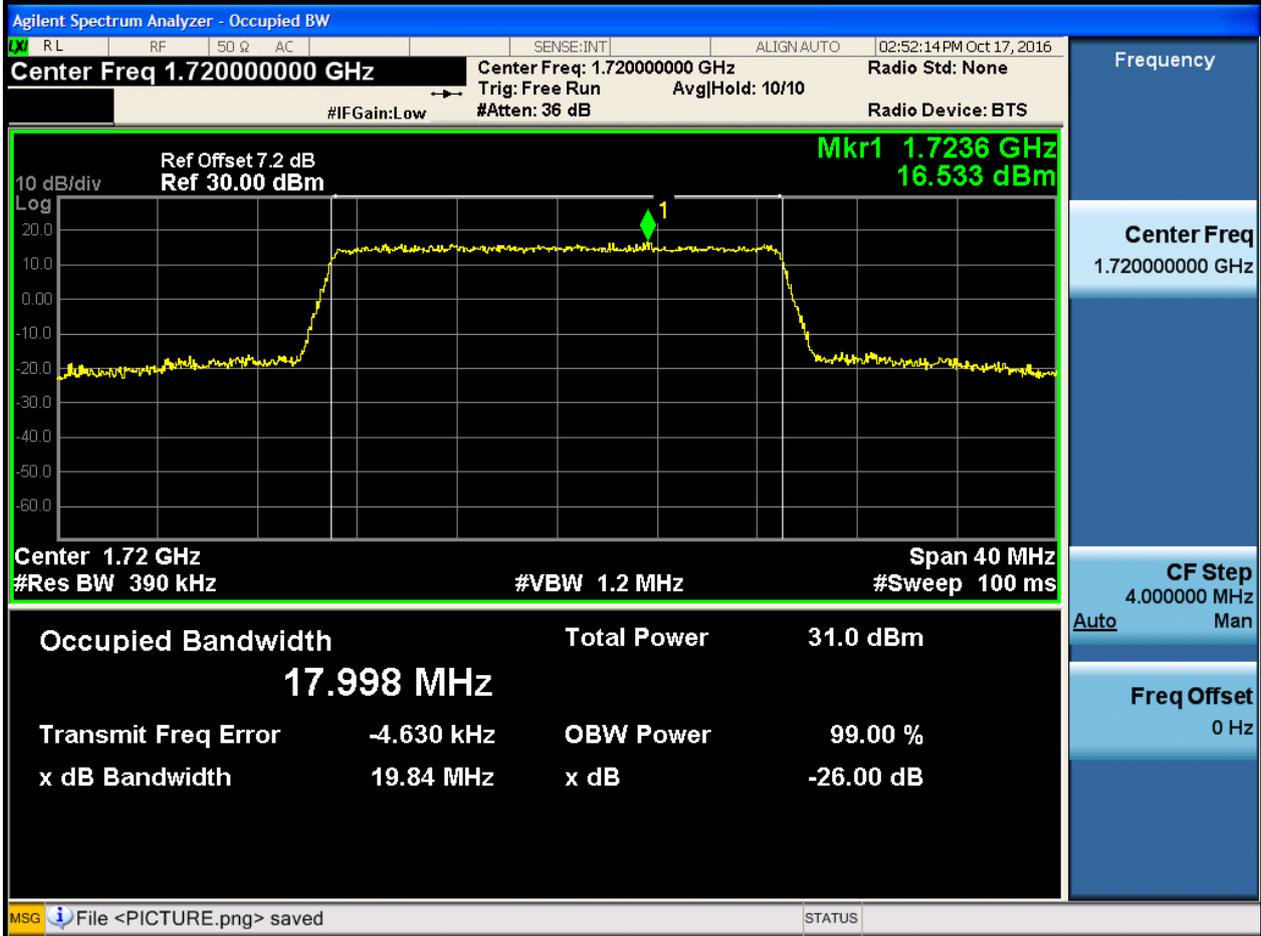
4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0
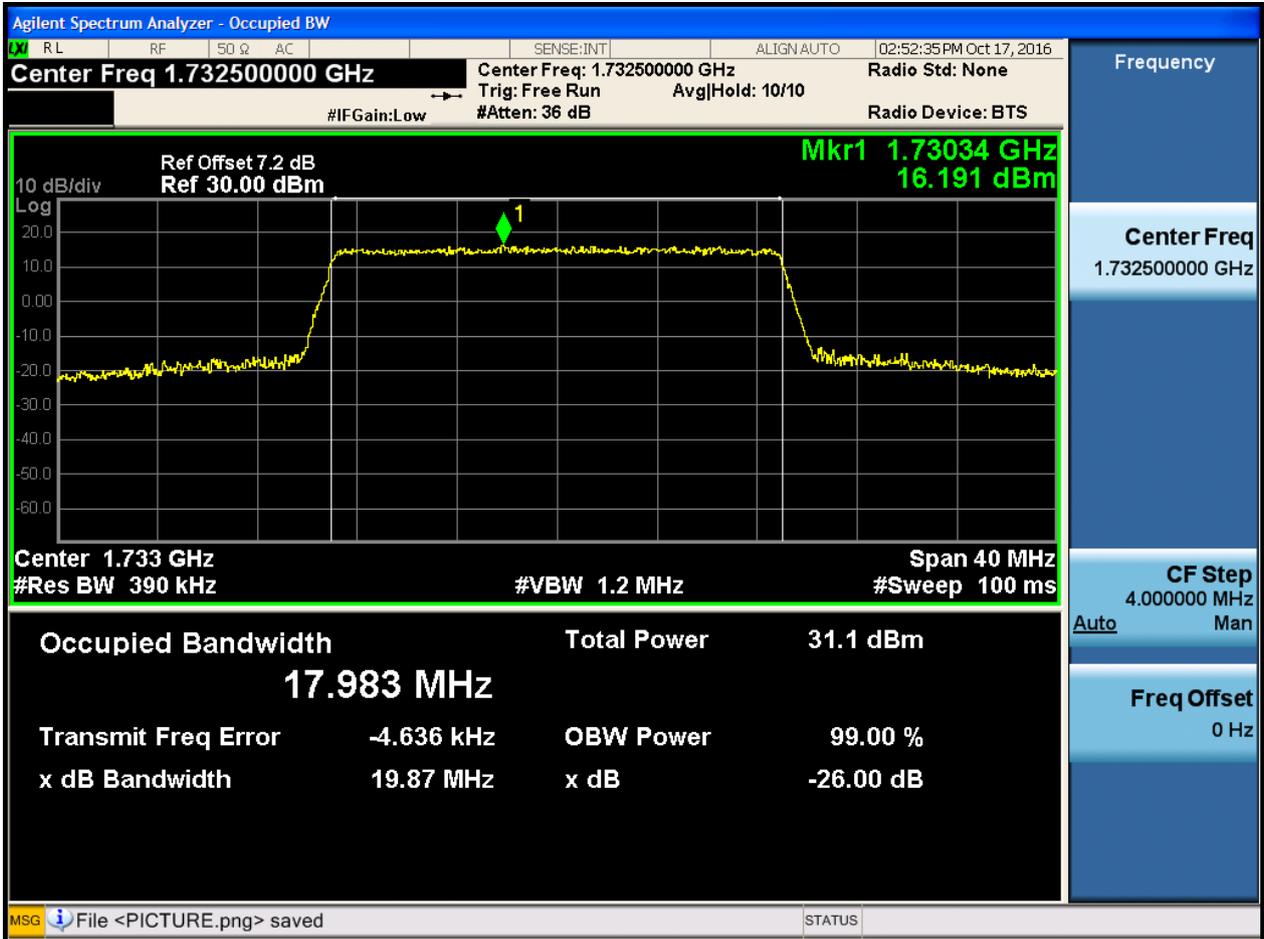
4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0
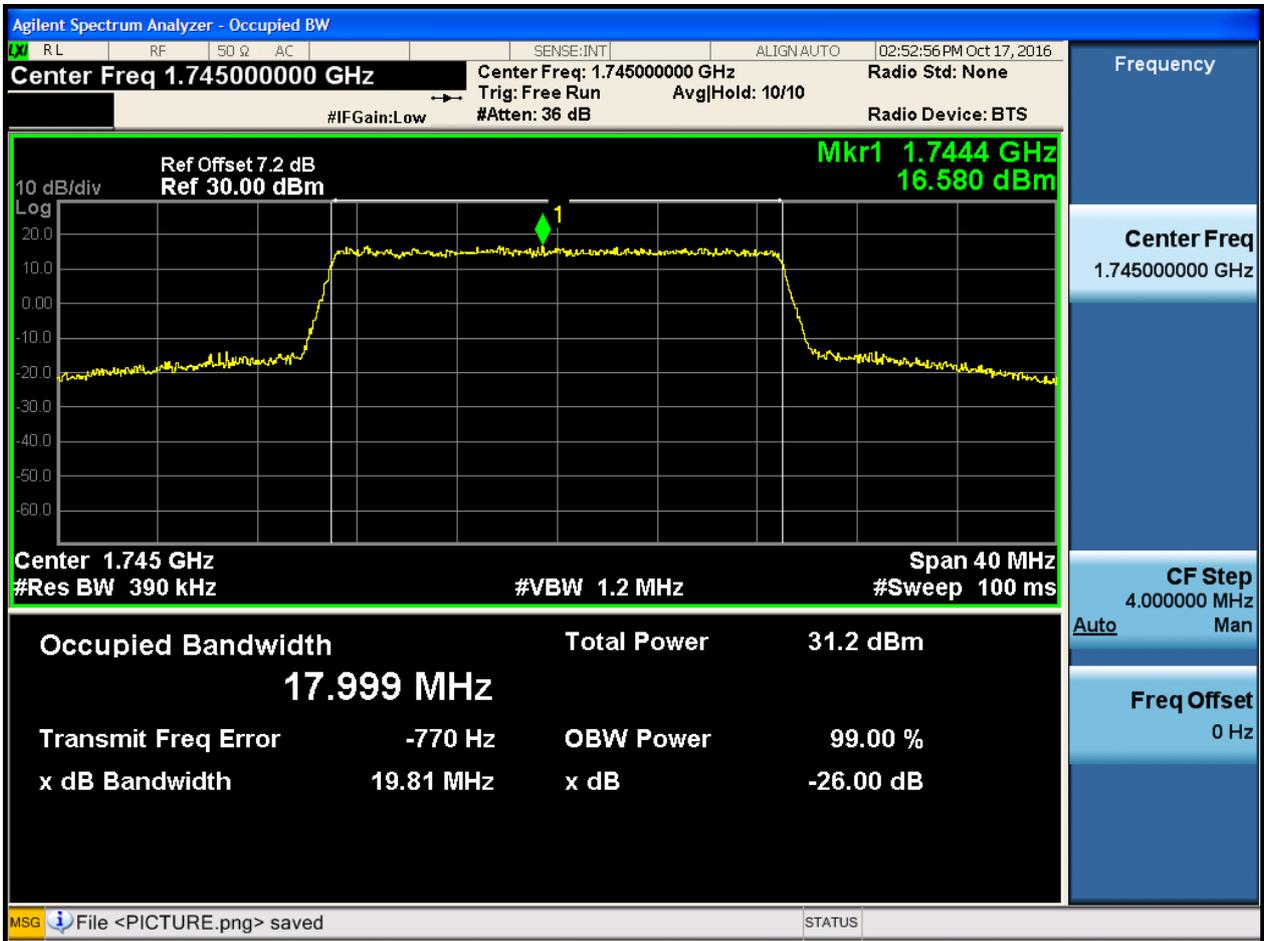
5Appendix_E: Band Edges Compliance

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
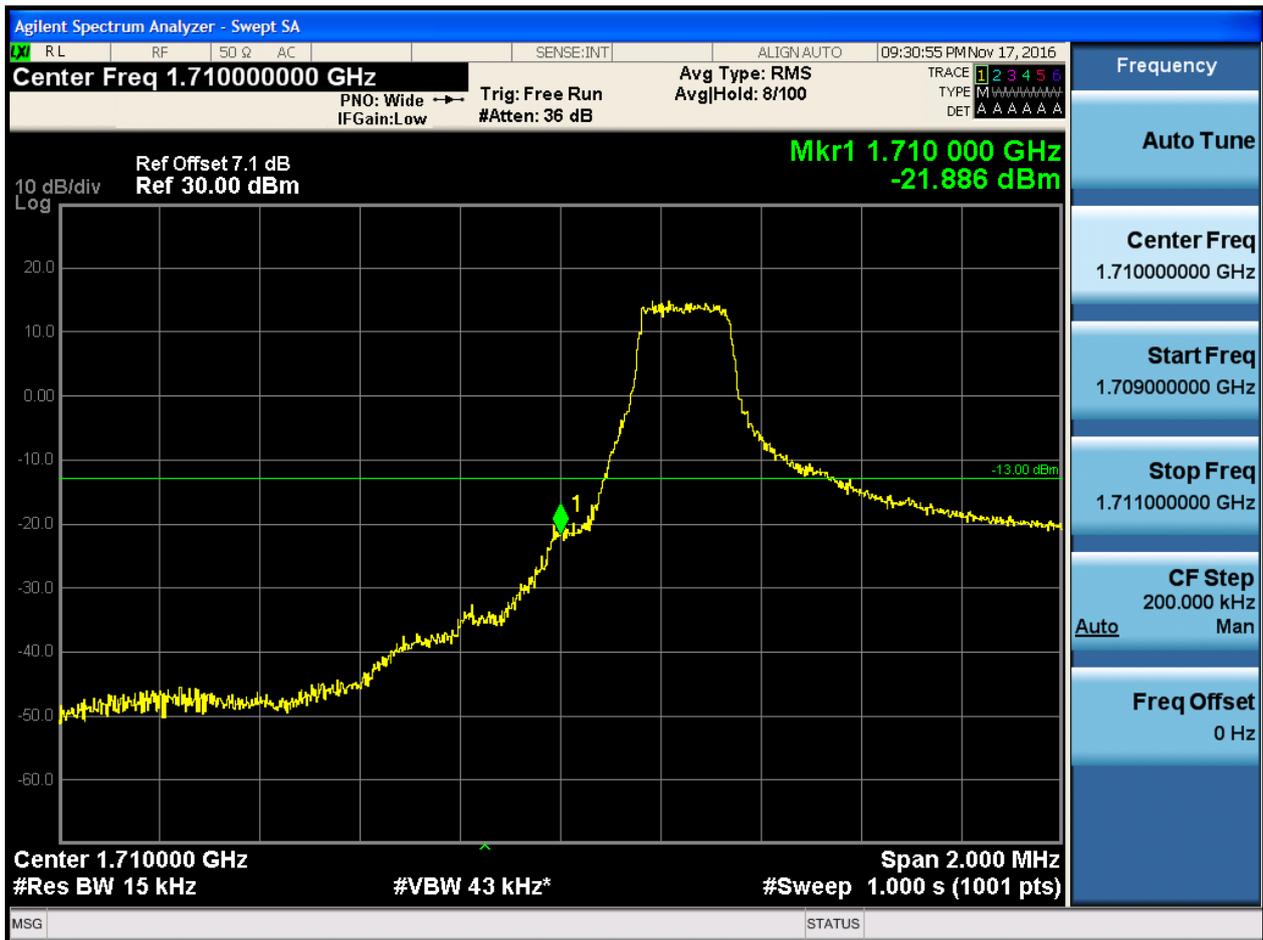
5.1.1.1.1.1.2 Test RB = RB1#5
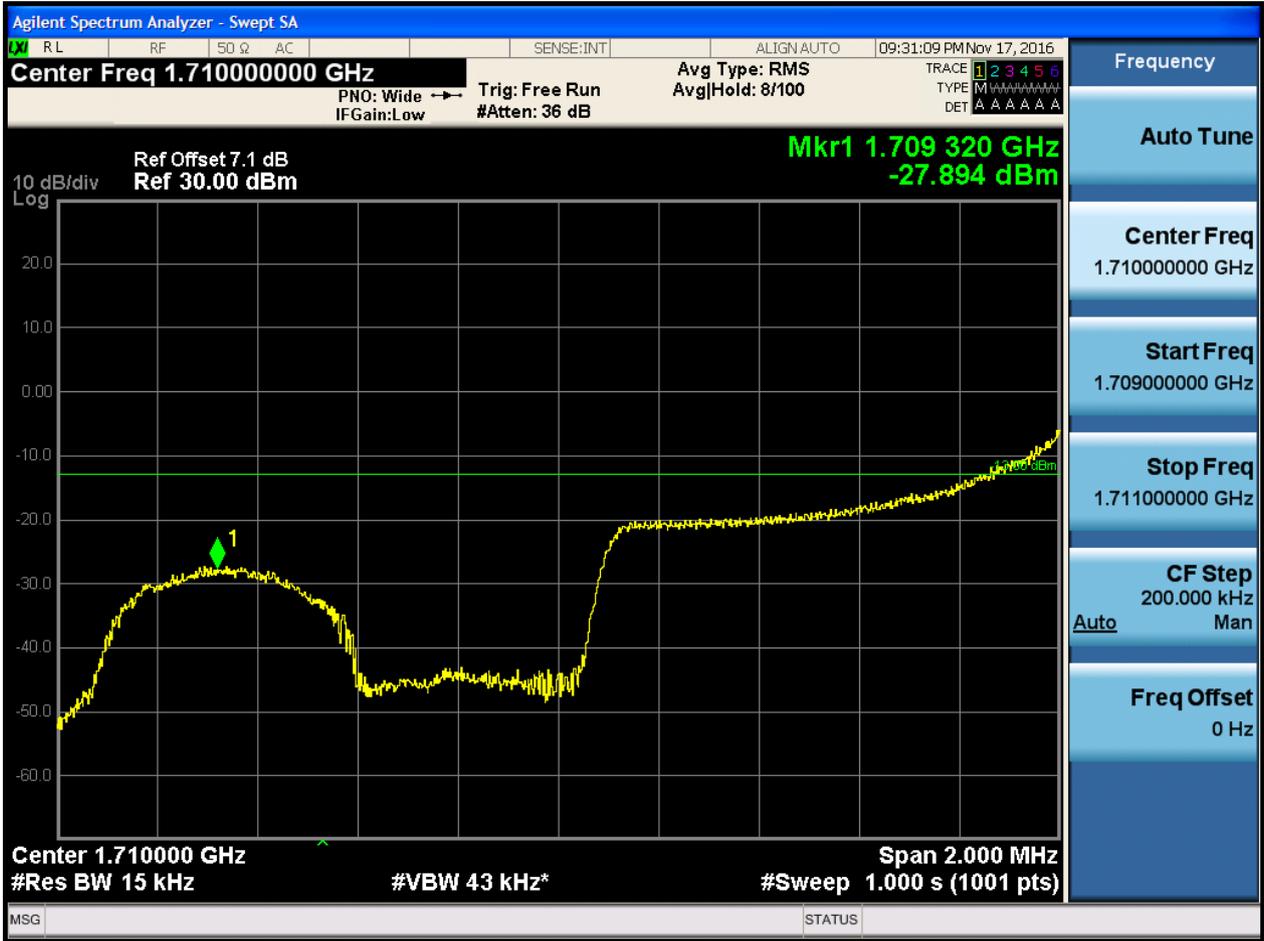
5.1.1.1.1.1.3 Test RB = RB3#2

5.1.1.1.1.1.4 Test RB = RB6#0
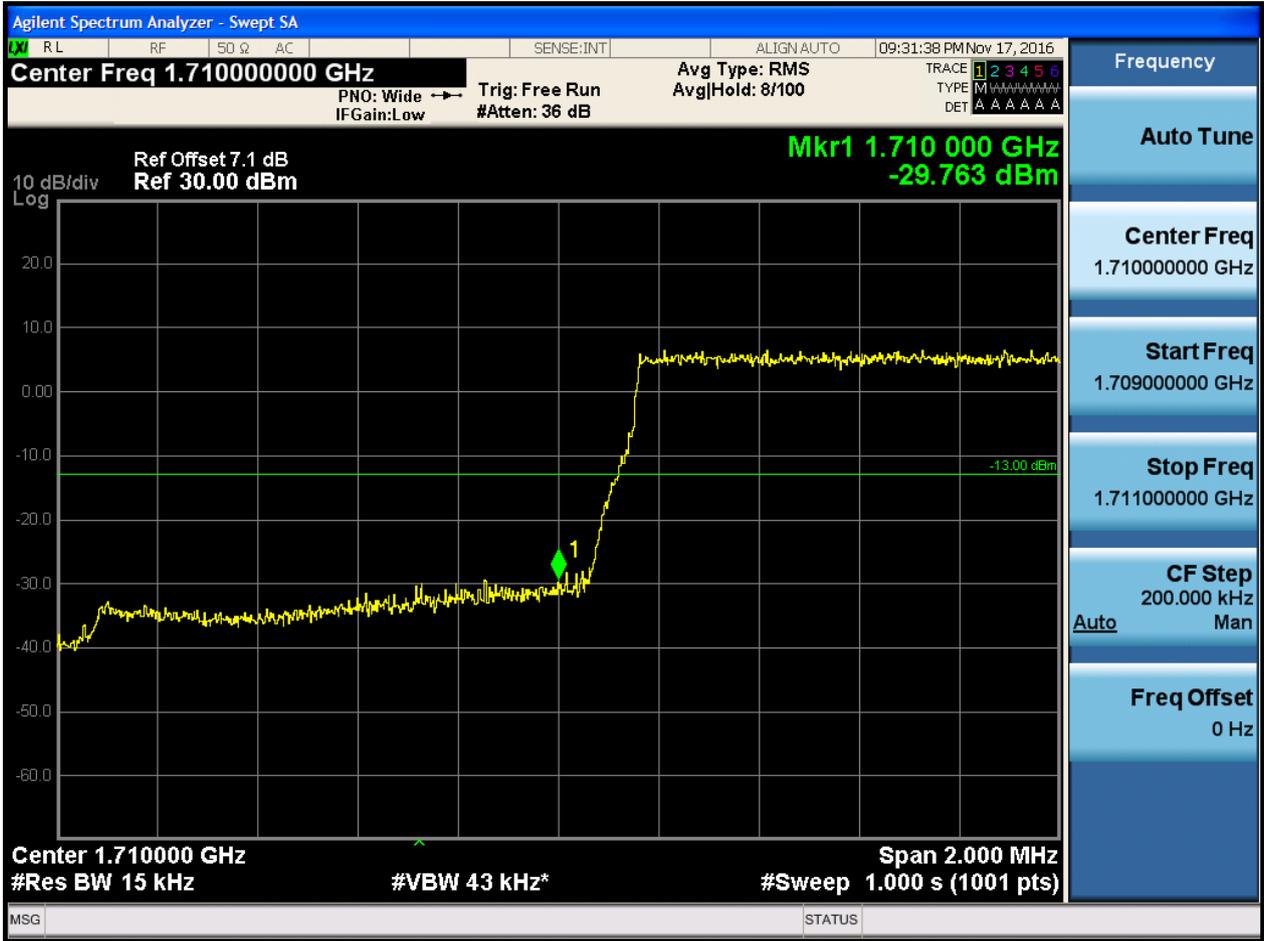
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0
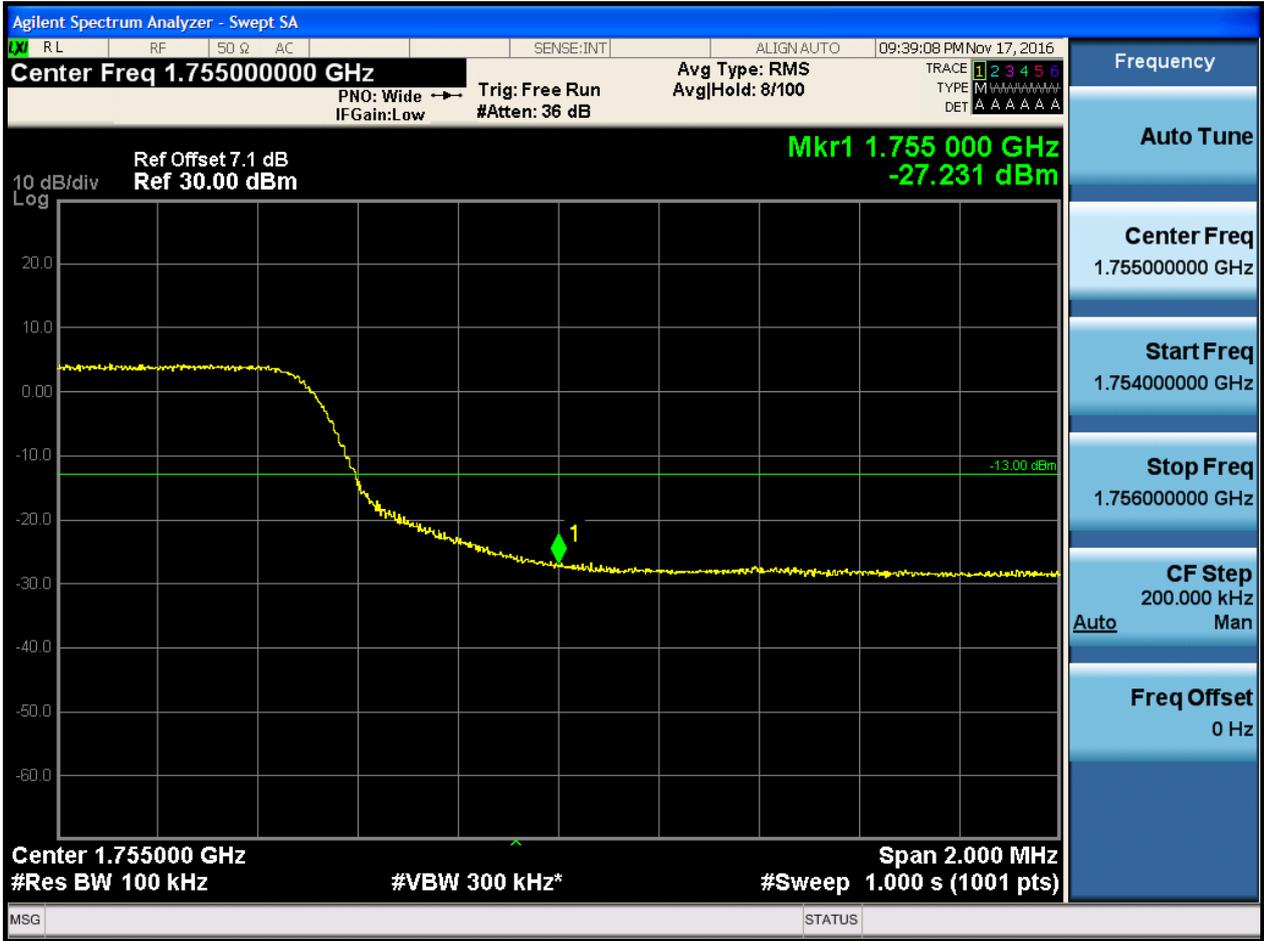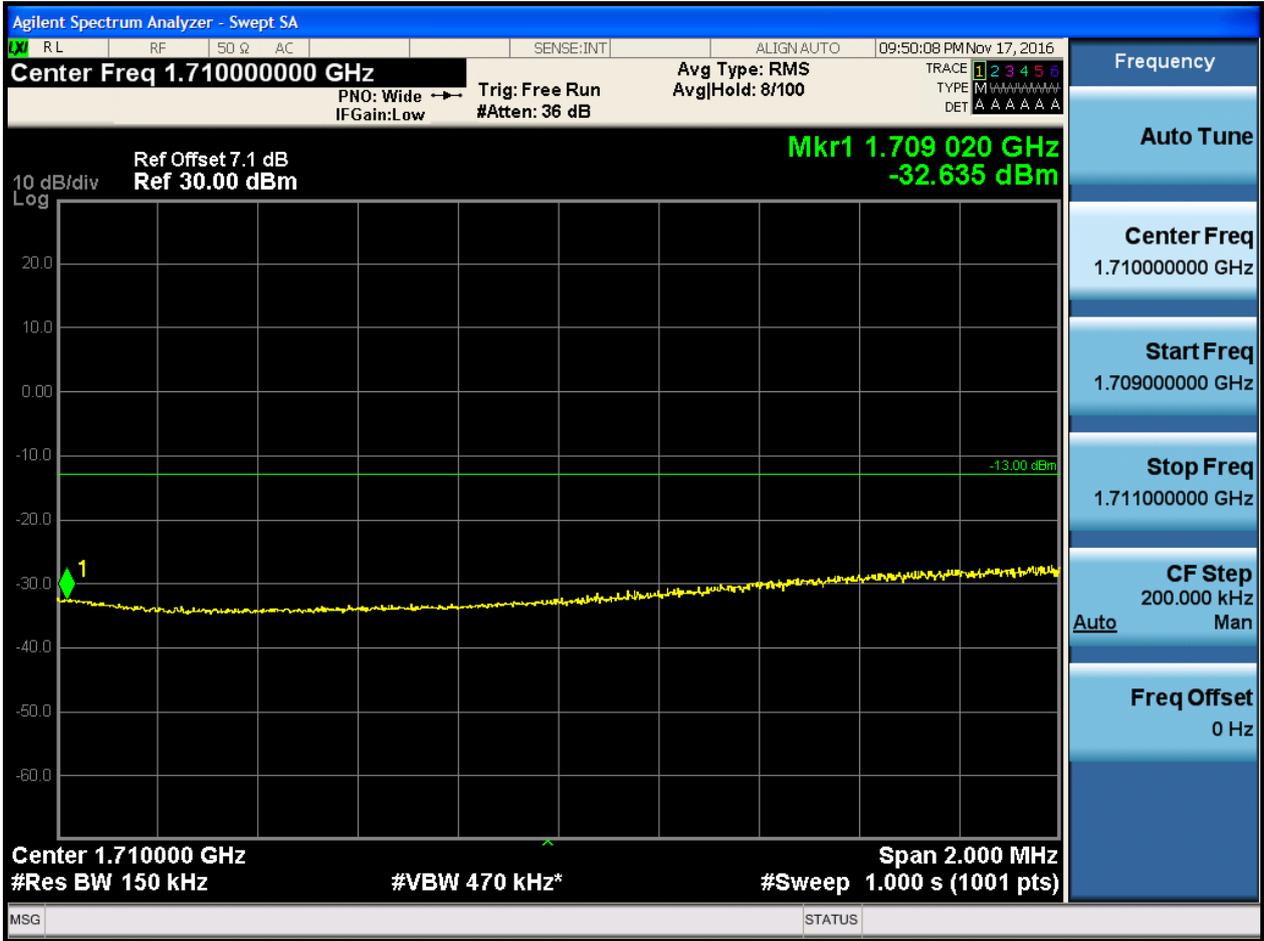
5.1.1.1.1.2.2 Test RB = RB1#5

5.1.1.1.1.2.3 Test RB = RB3#2

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.
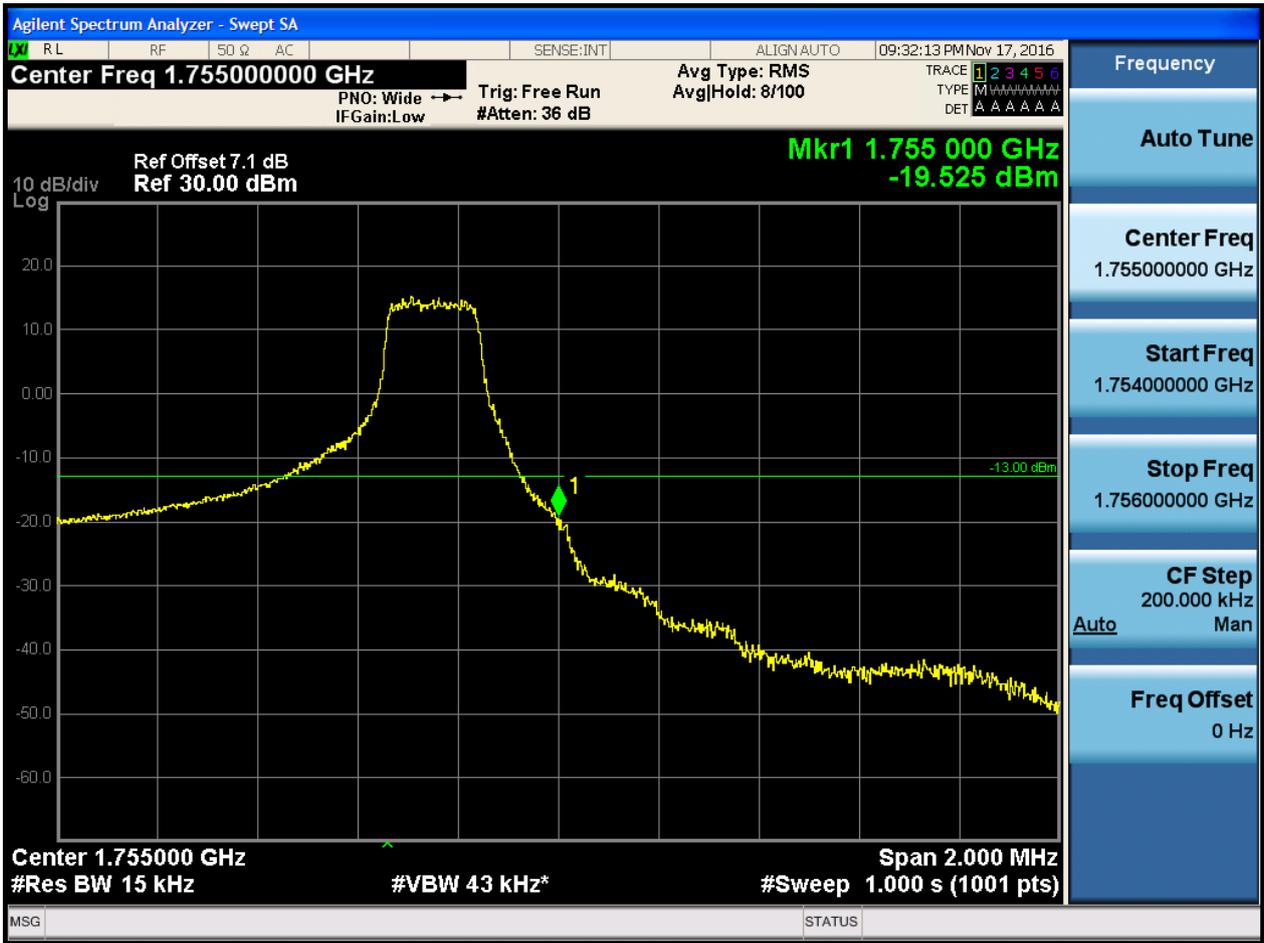
5.1.1.1.1.2.4 Test RB = RB6#0

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
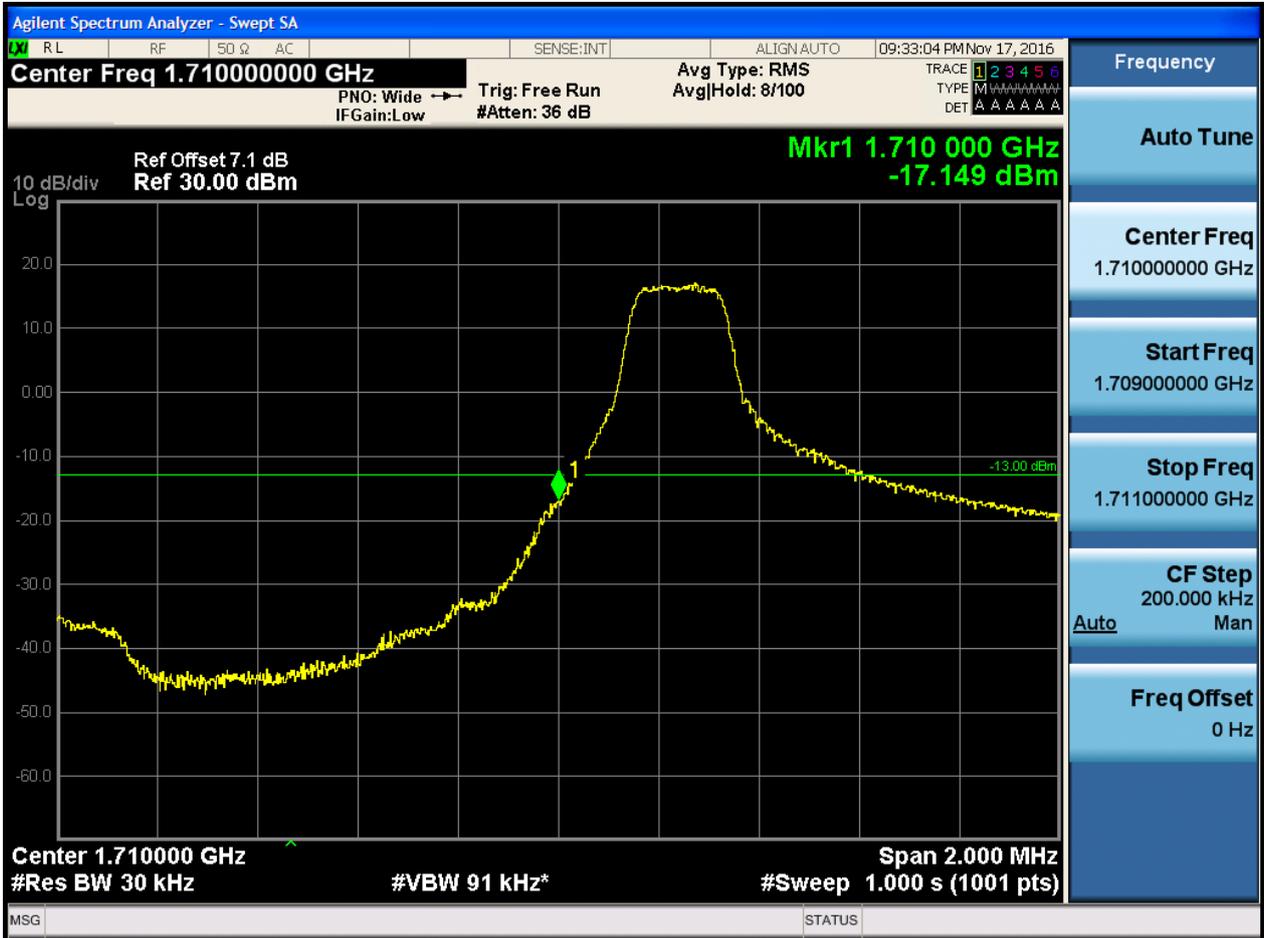
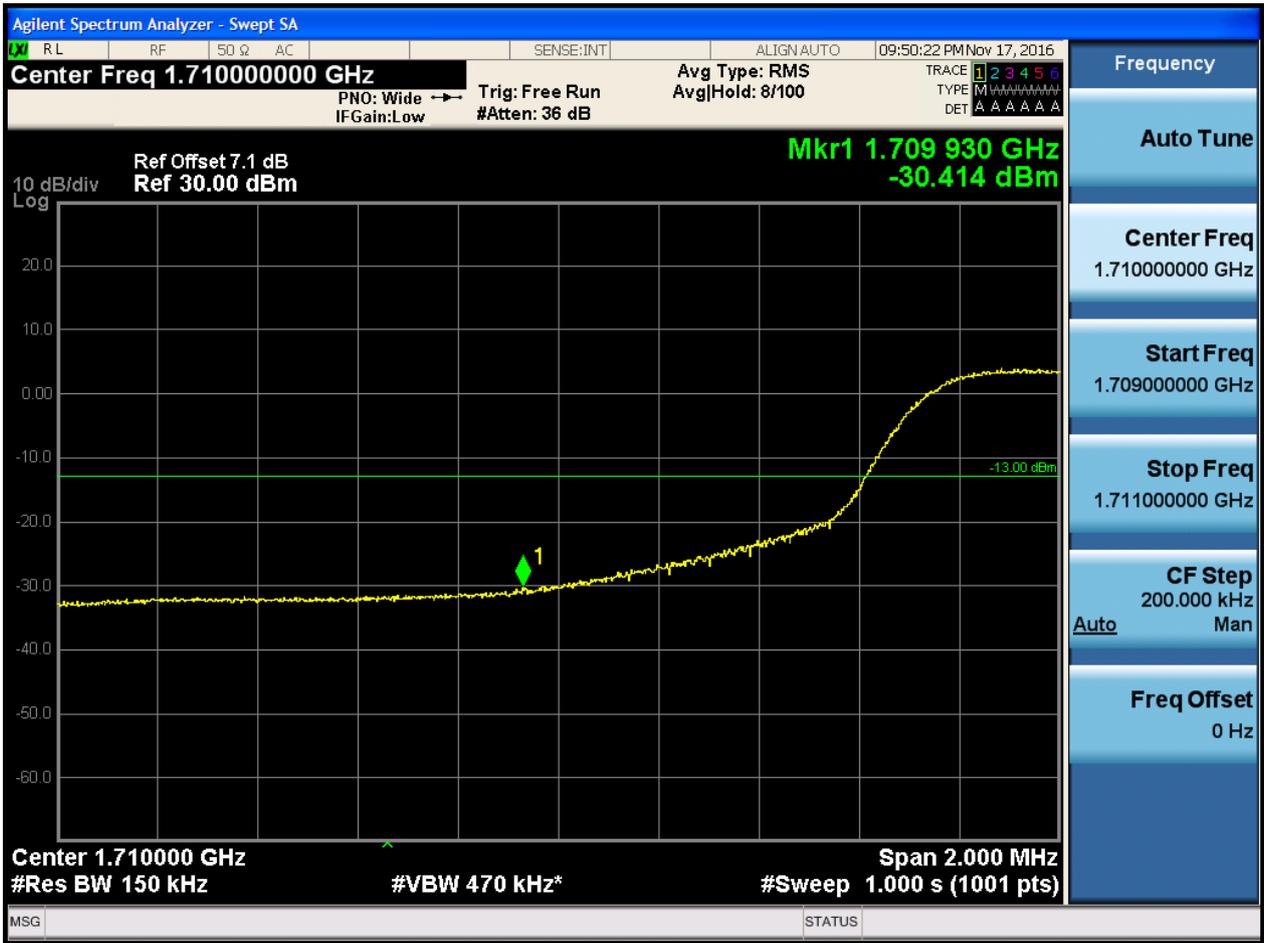## 5.1.1.1.2.1.2 Test RB = RB1#14
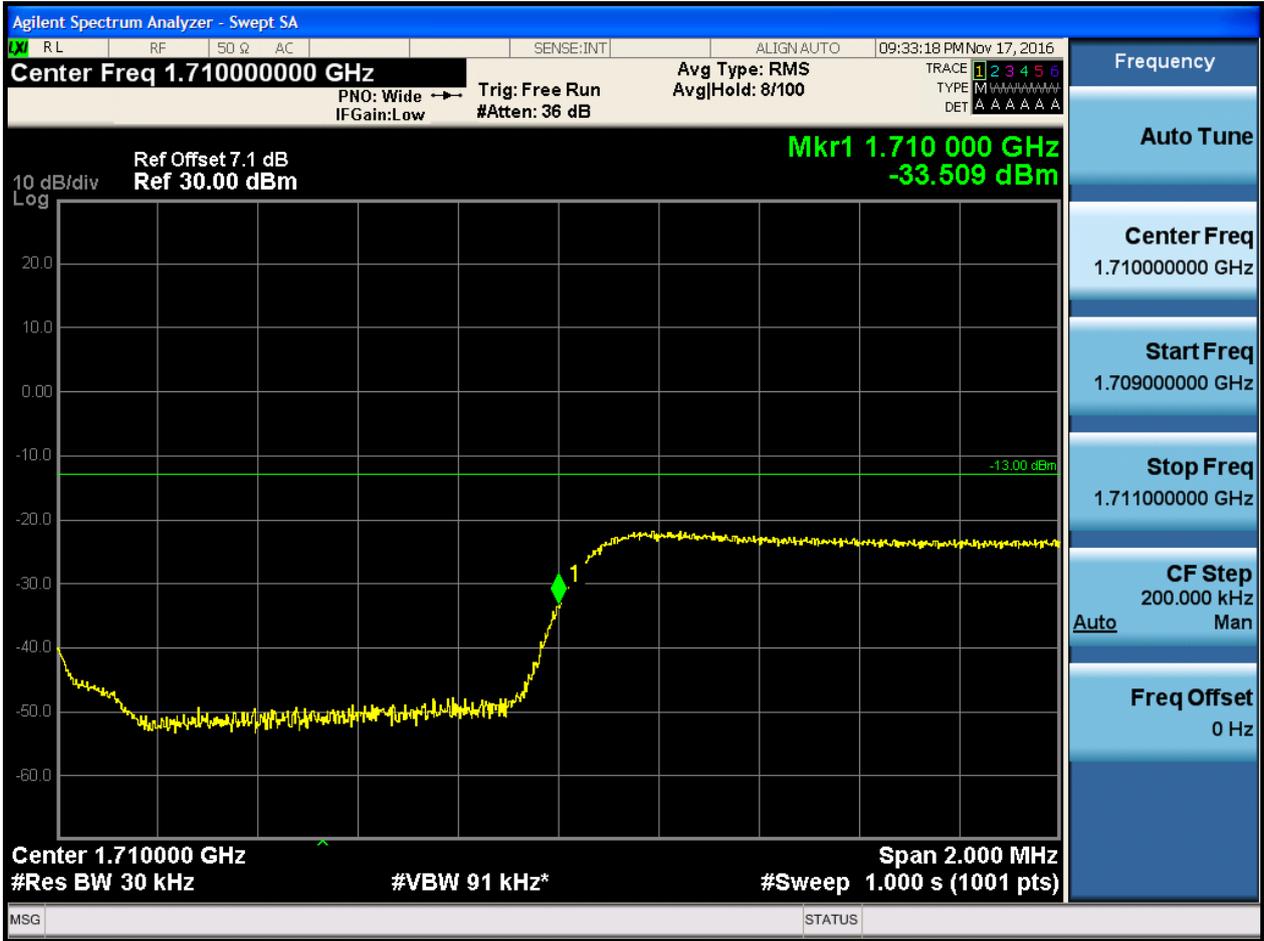
5.1.1.1.2.1.3 Test RB = RB8#4
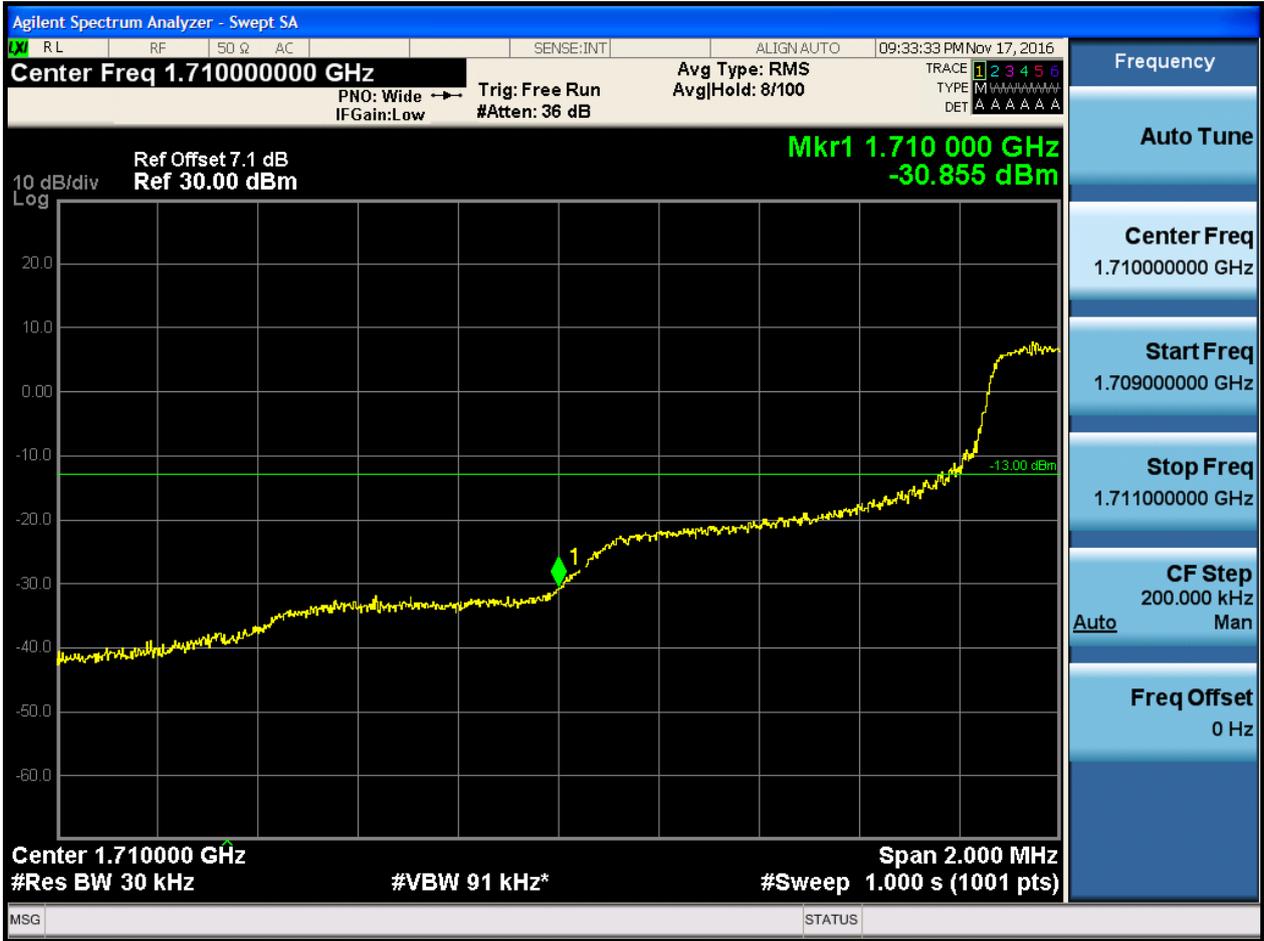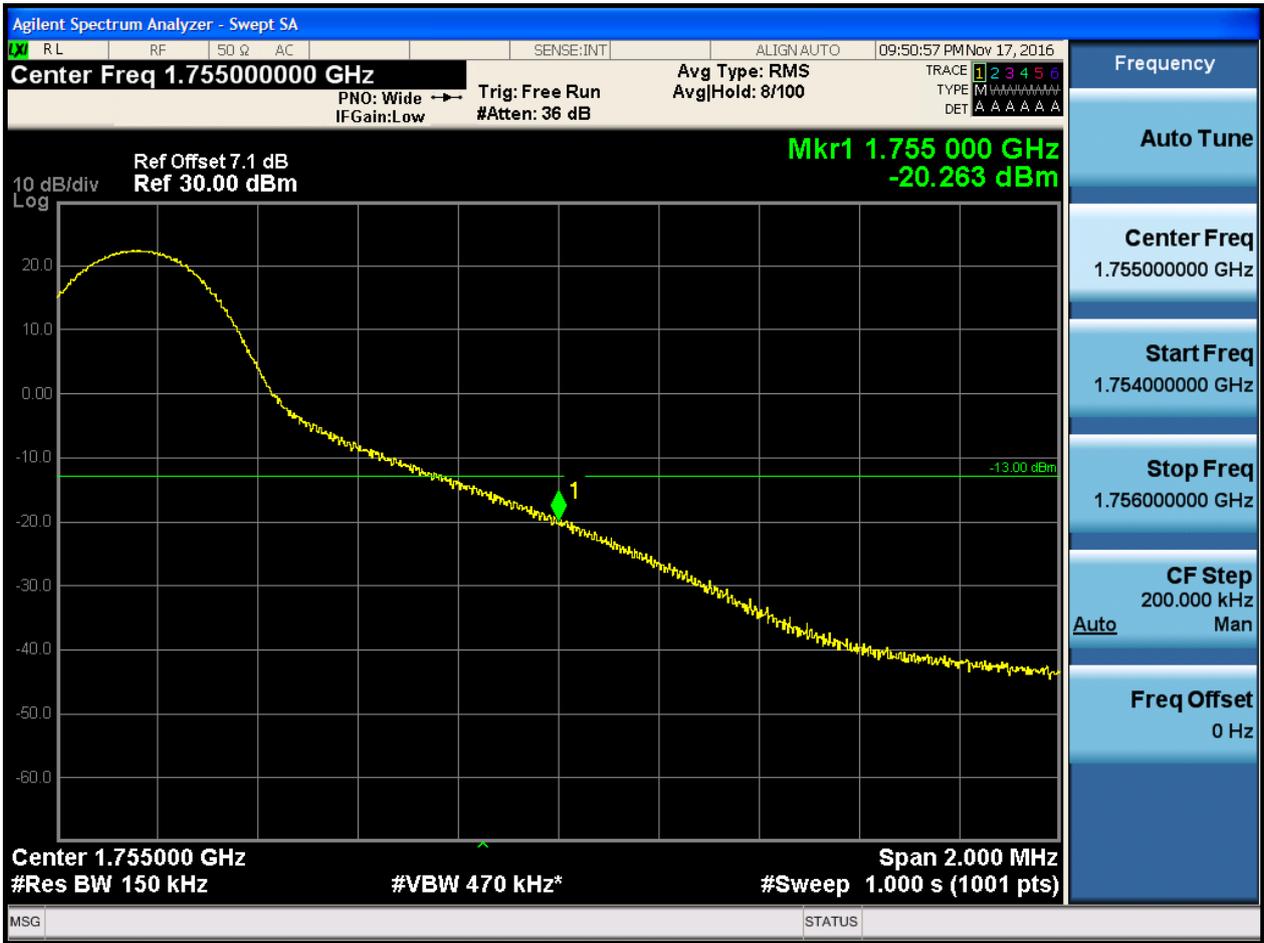
5.1.1.1.2.1.4 Test RB = RB15#0
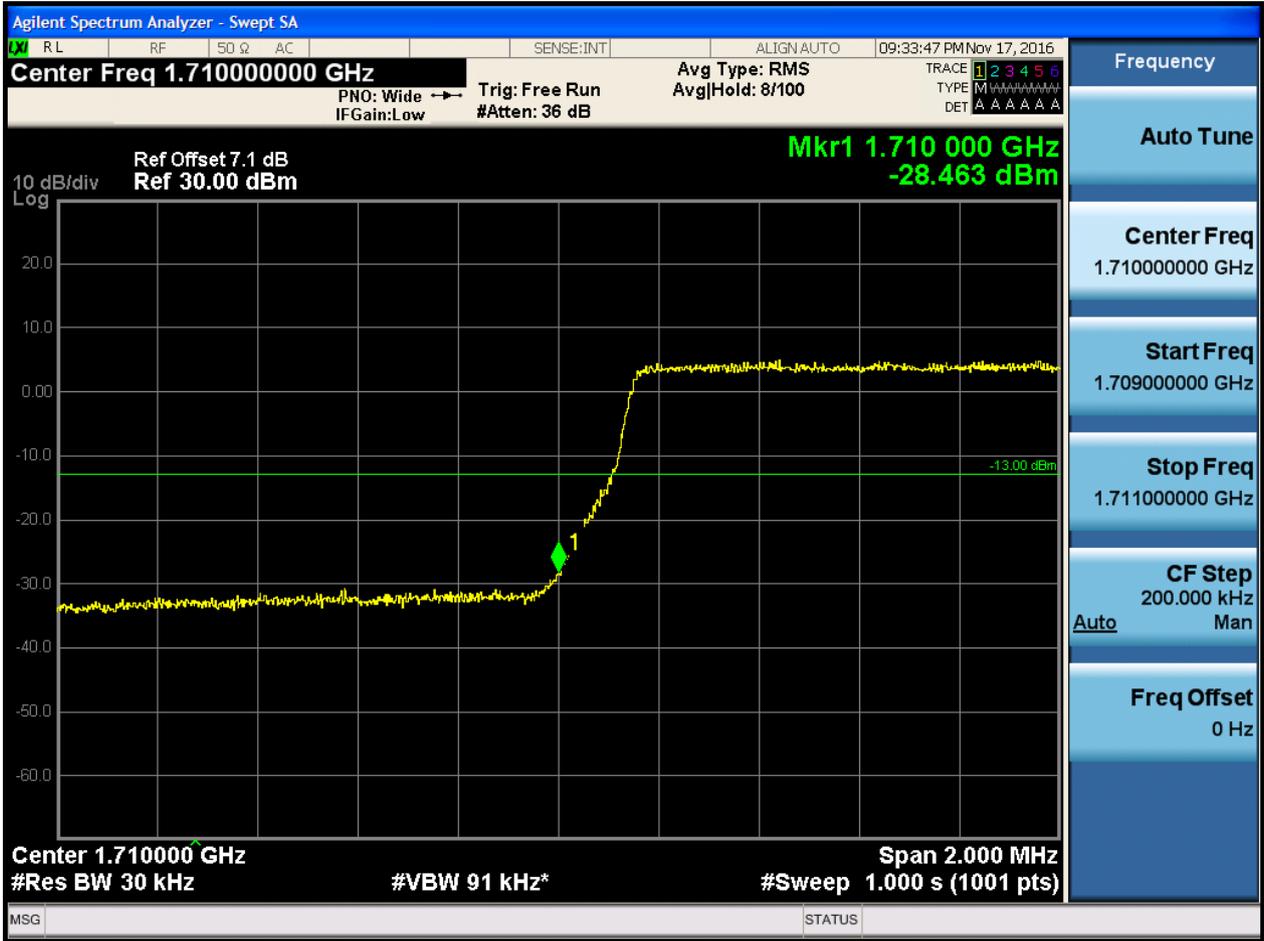
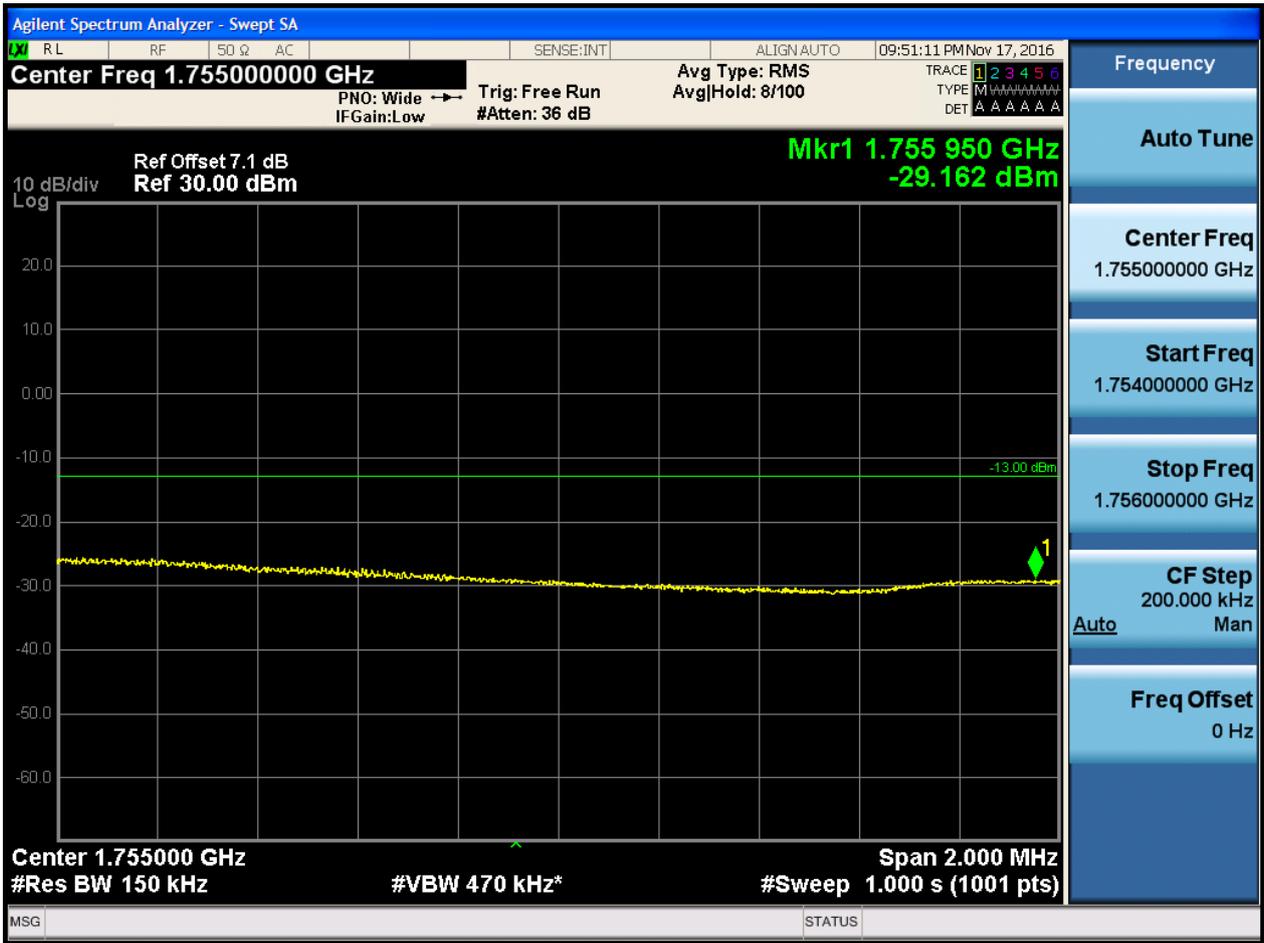## 5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0
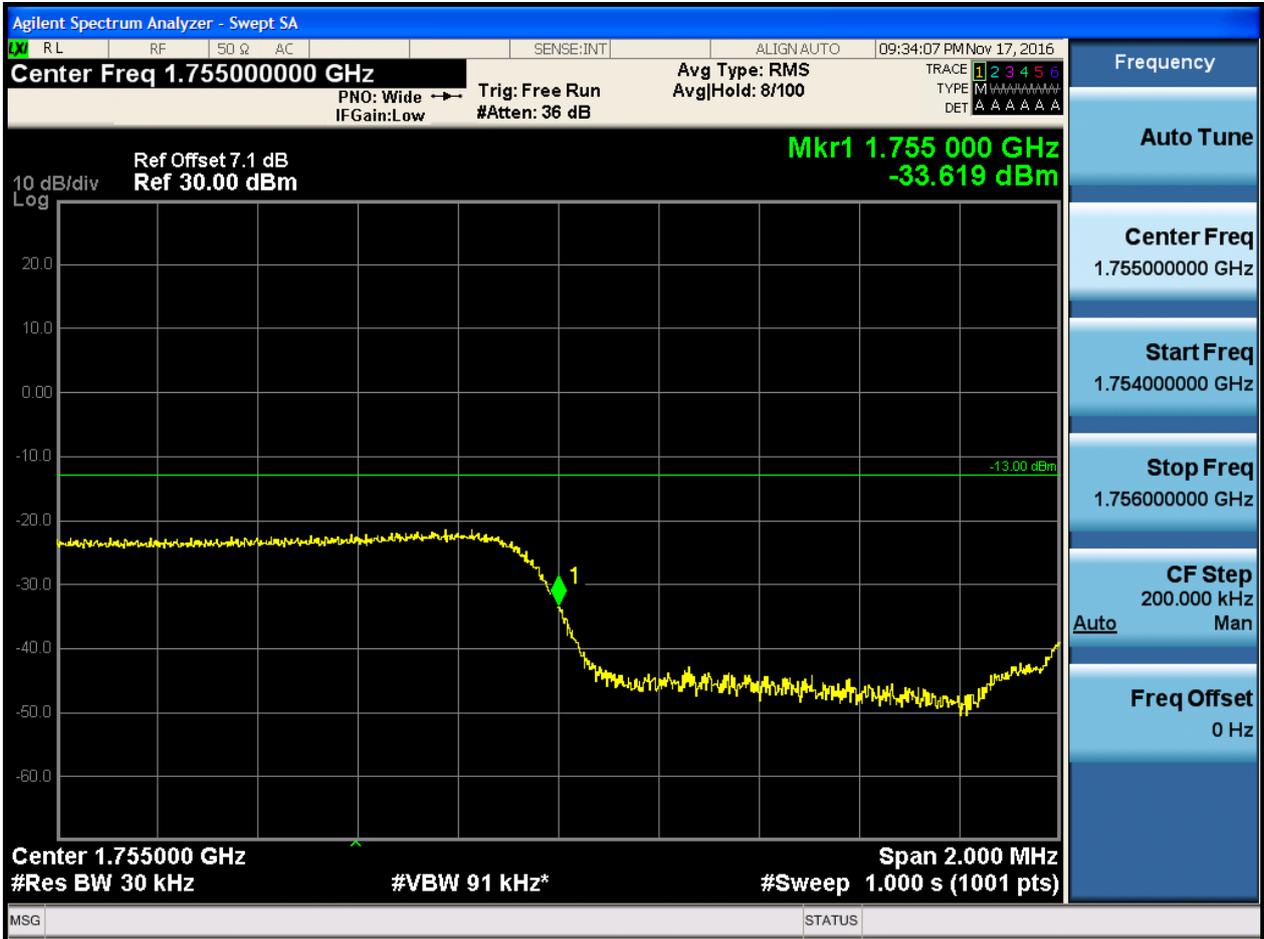
5.1.1.1.2.2.2 Test RB = RB1#14
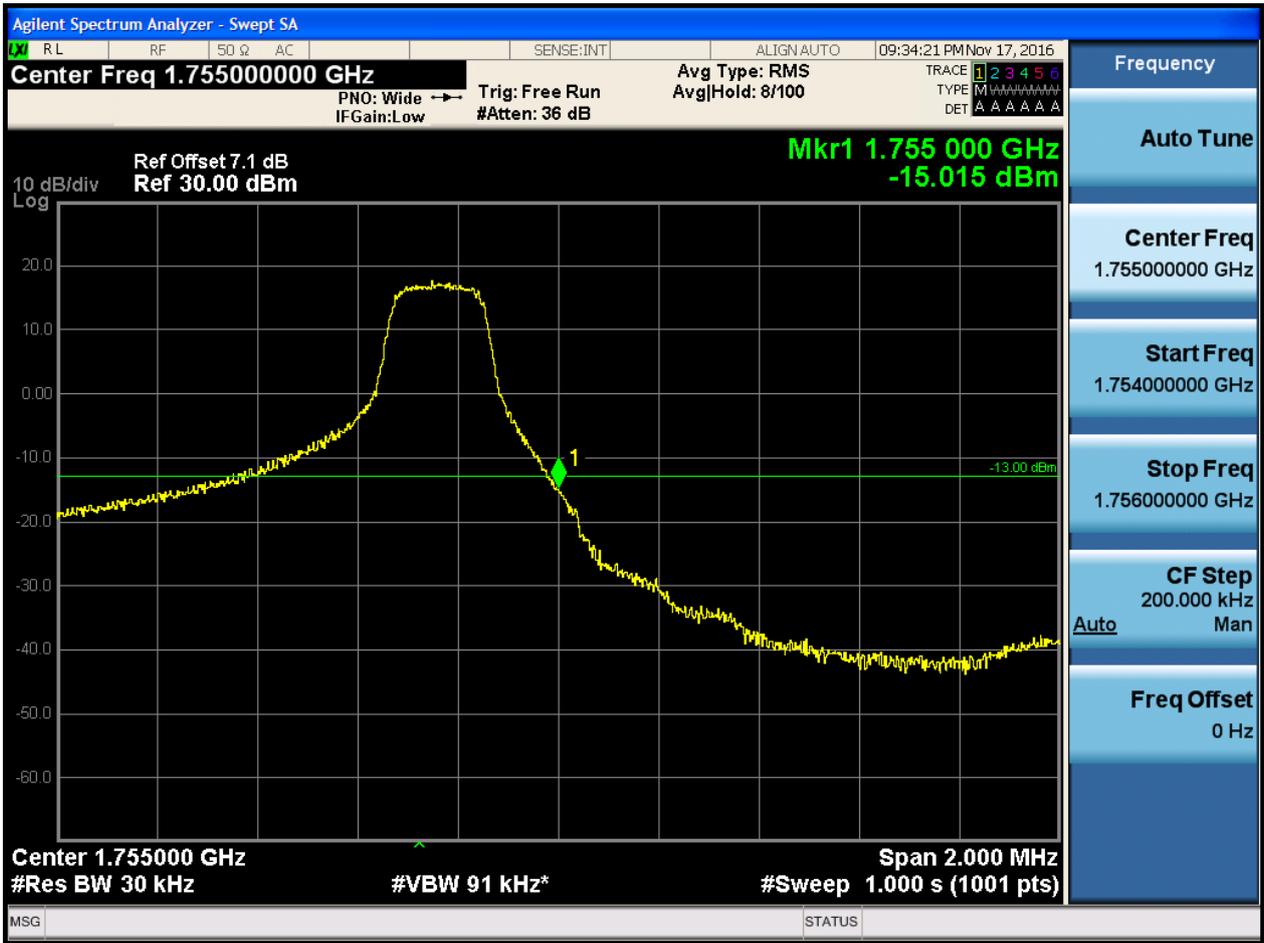
5.1.1.1.2.2.3 Test RB = RB8#4

5.1.1.1.2.2.4 Test RB = RB15#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.
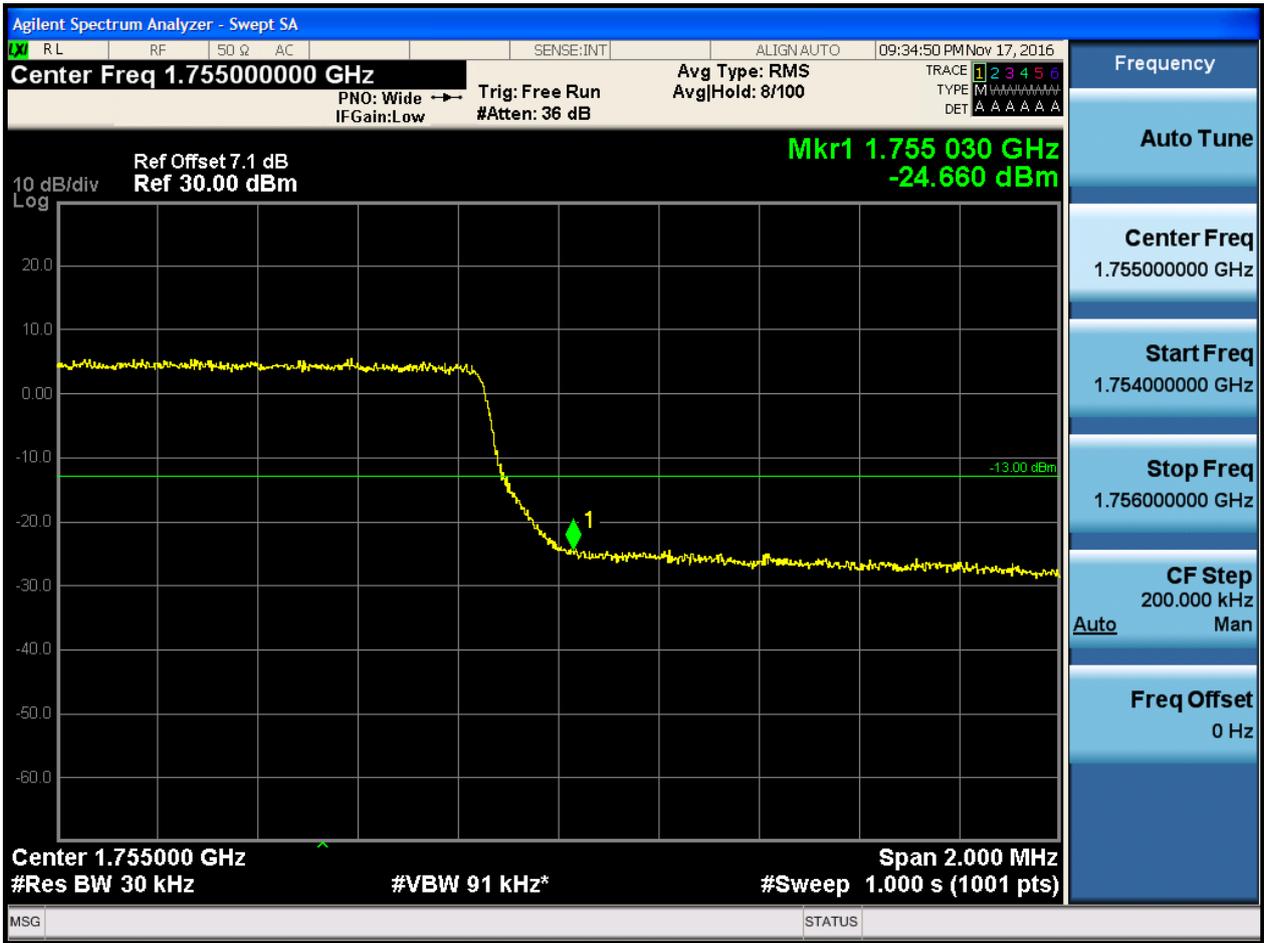
5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.3.1.2 Test RB = RB1#24

5.1.1.1.3.1.3 Test RB = RB12#6

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.
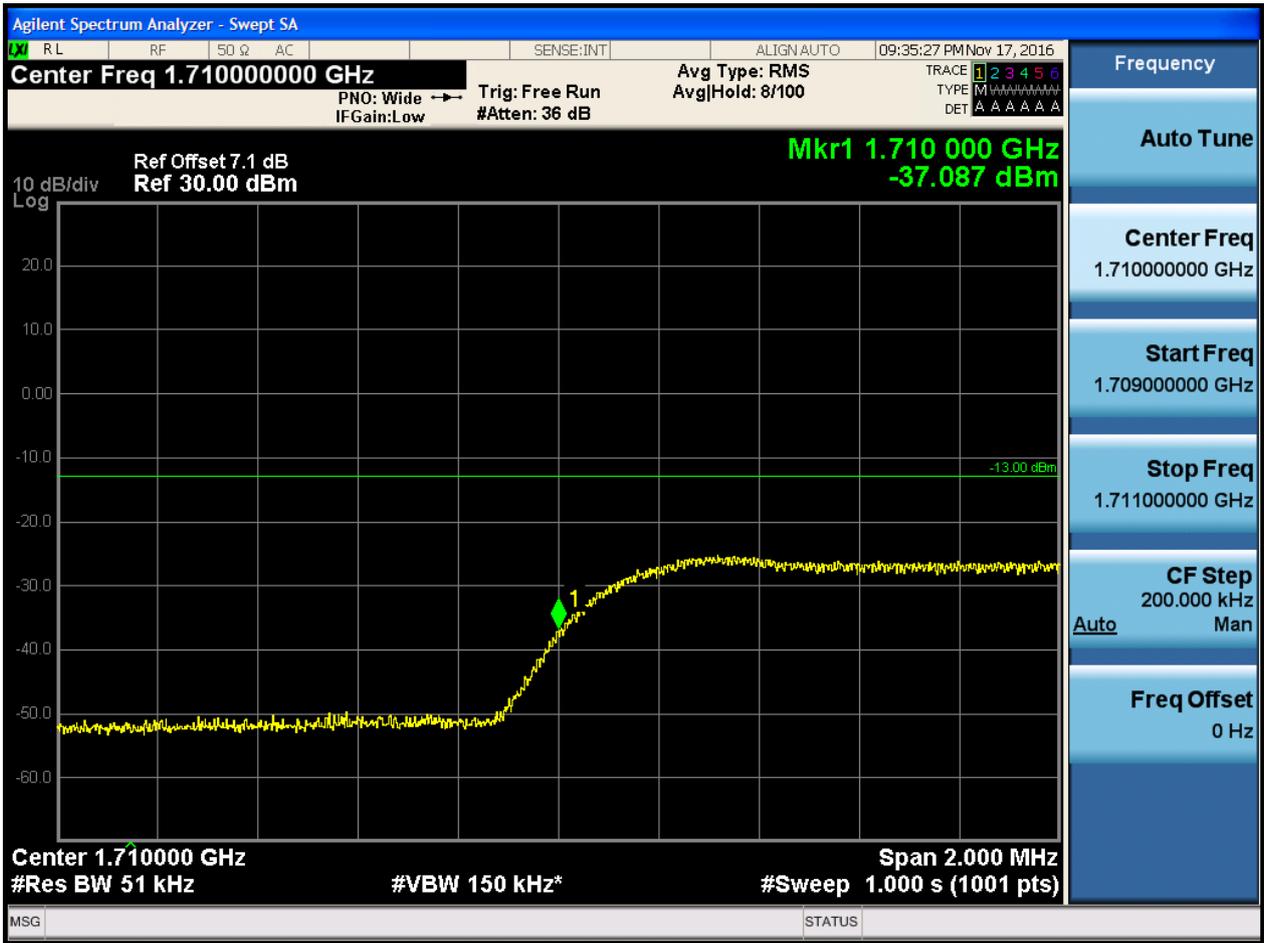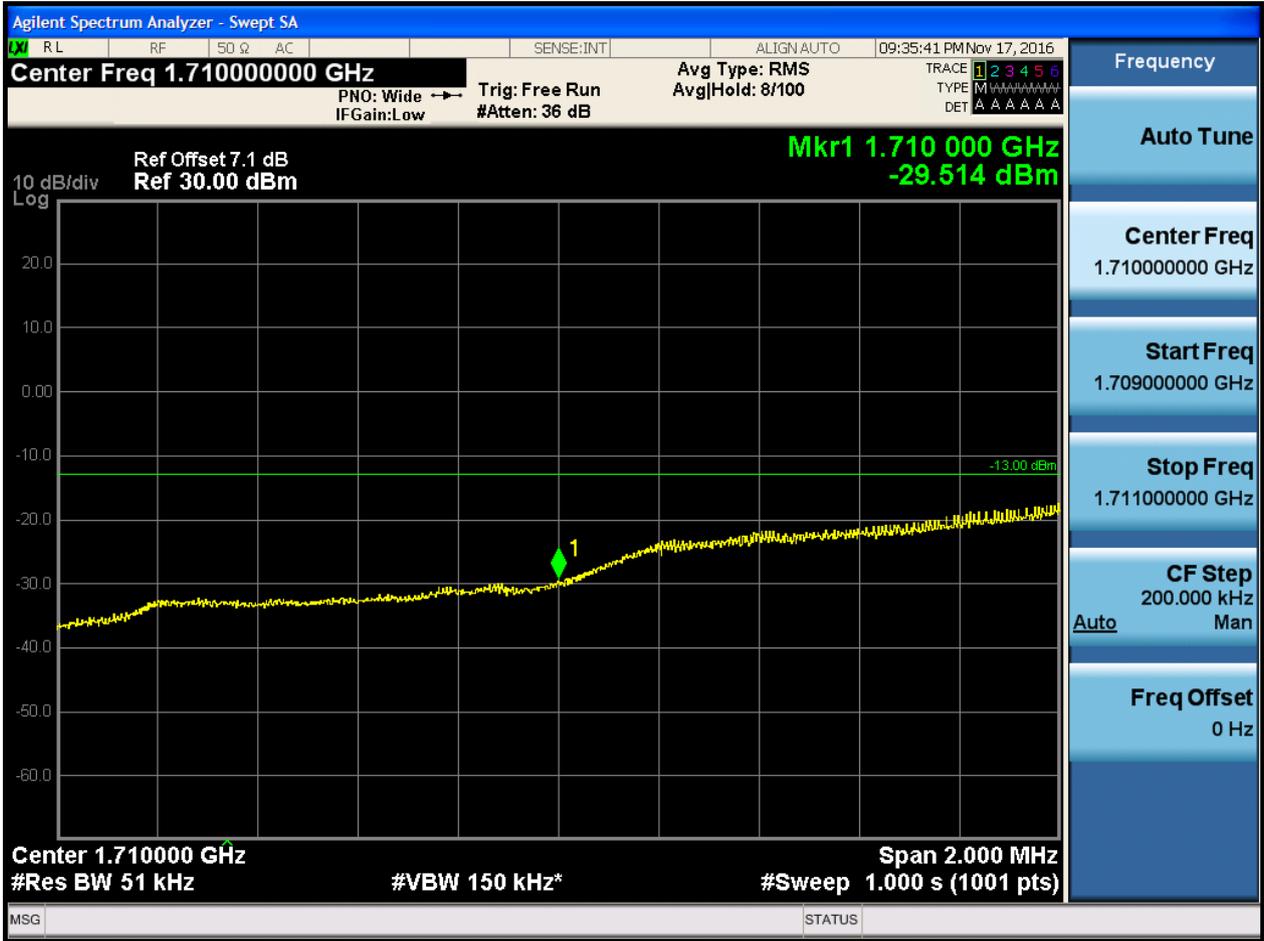
5.1.1.1.3.1.4 Test RB = RB25#0

5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0
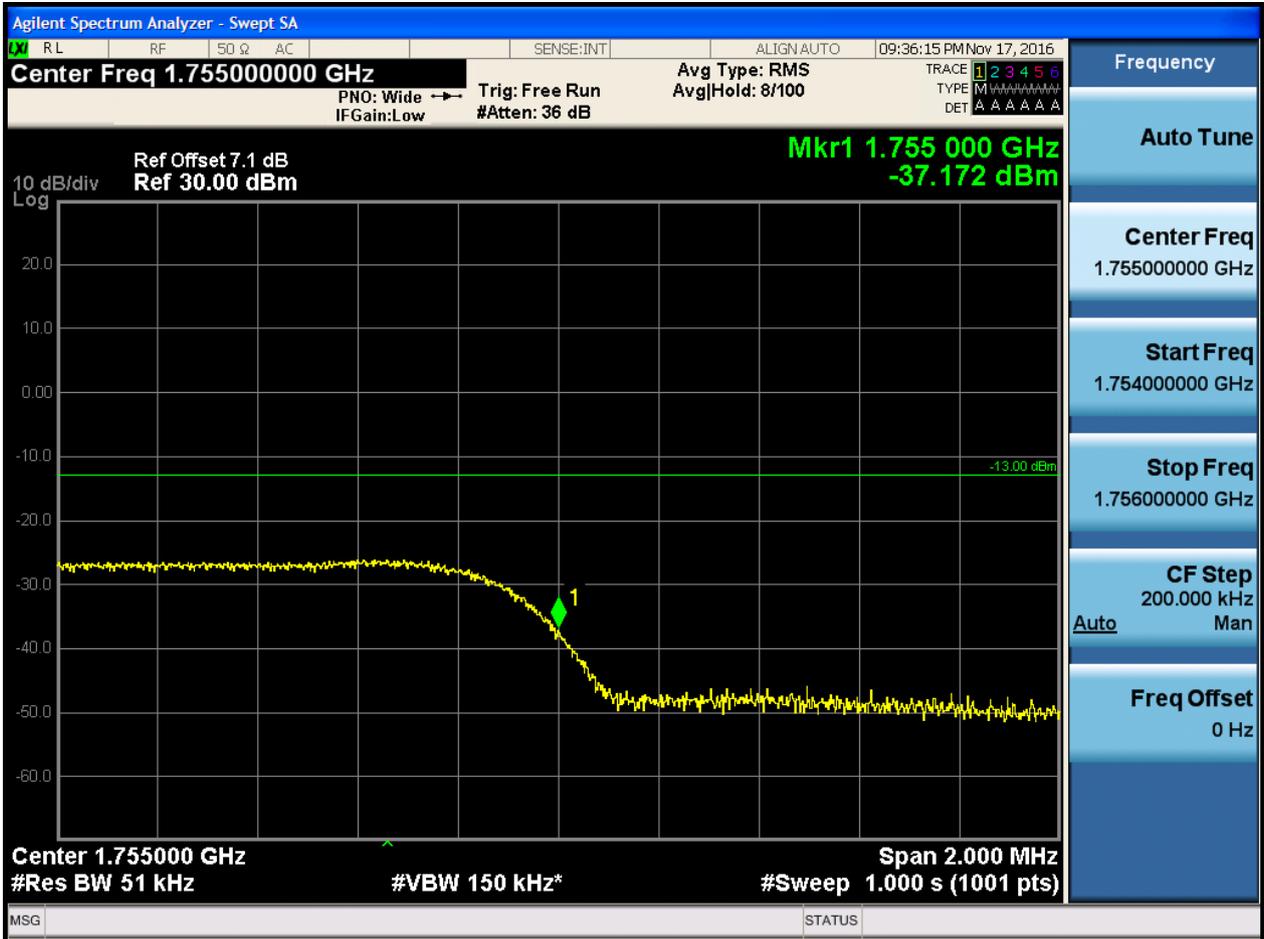
5.1.1.1.3.2.2 Test RB = RB1#24
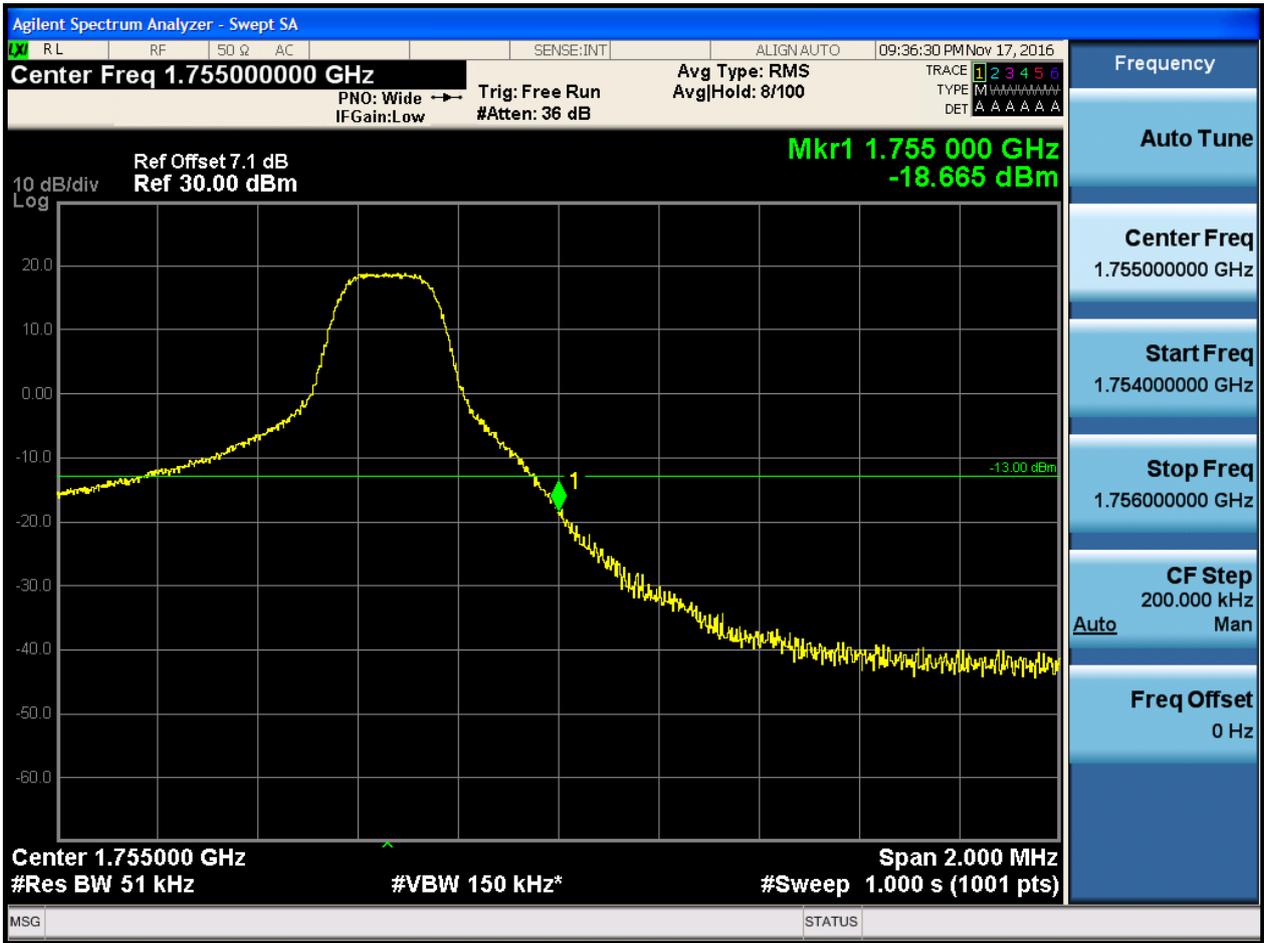
5.1.1.1.3.2.3 Test RB = RB12#6
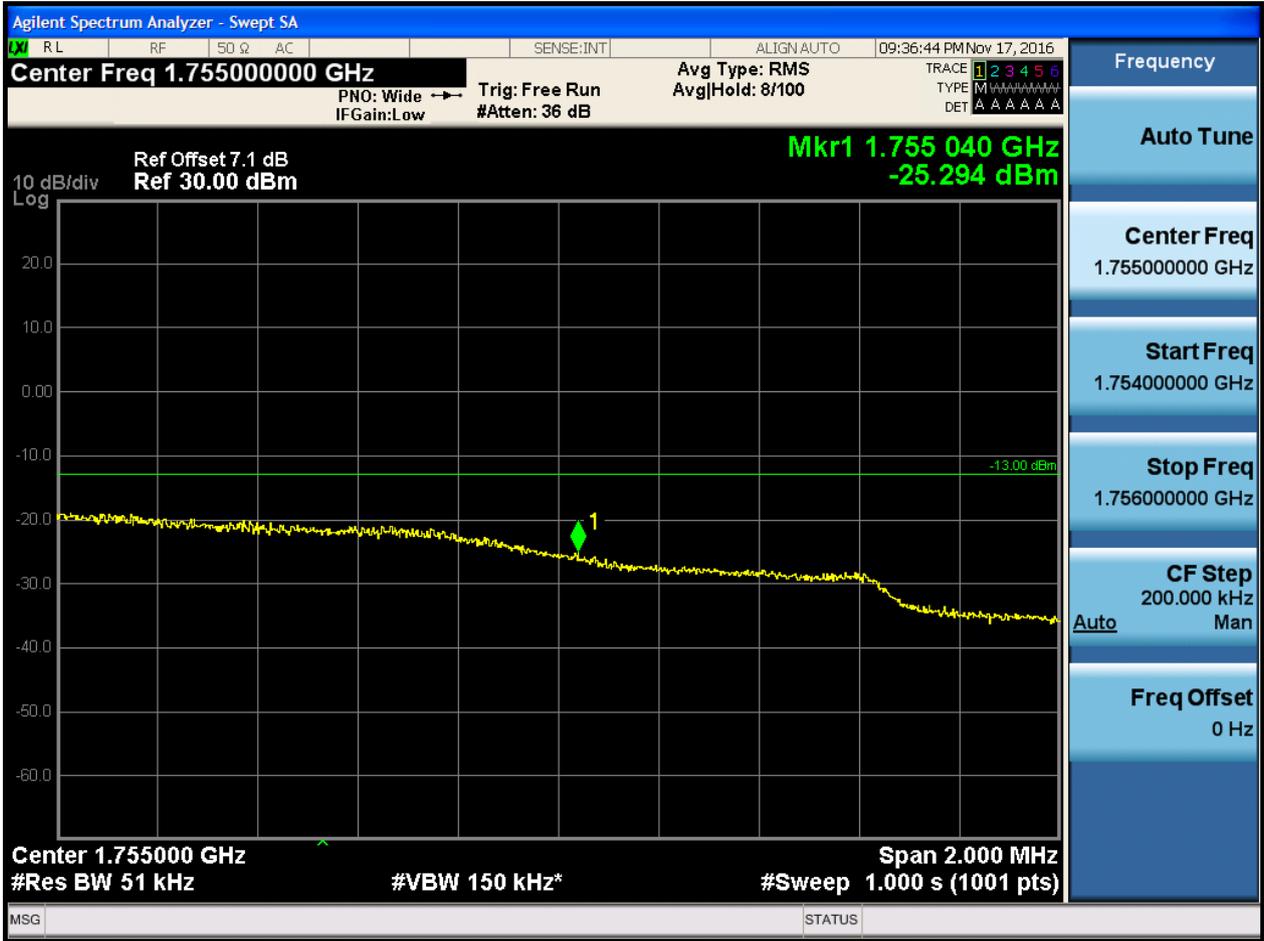
5.1.1.1.3.2.4 Test RB = RB25#0
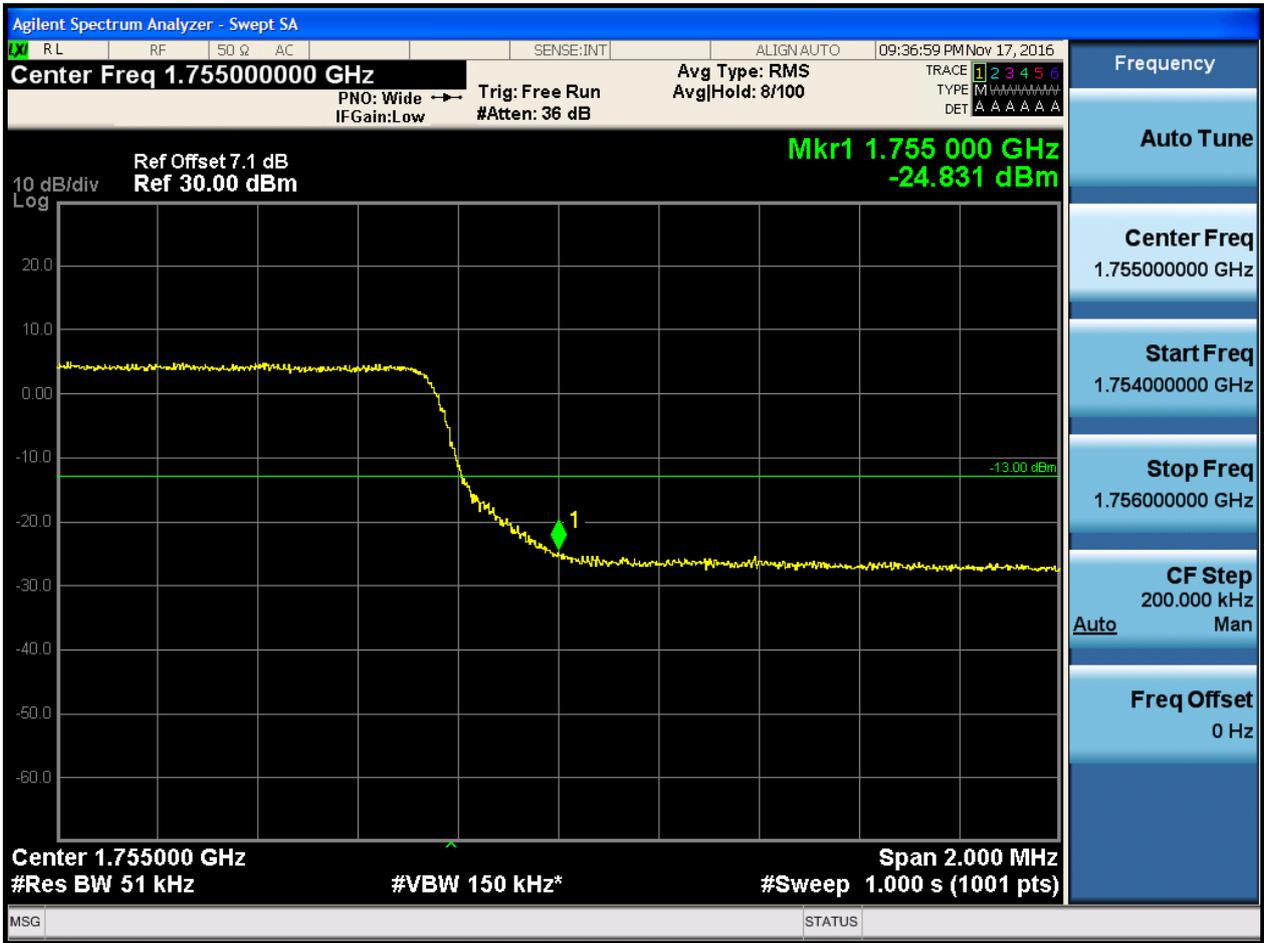
5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH
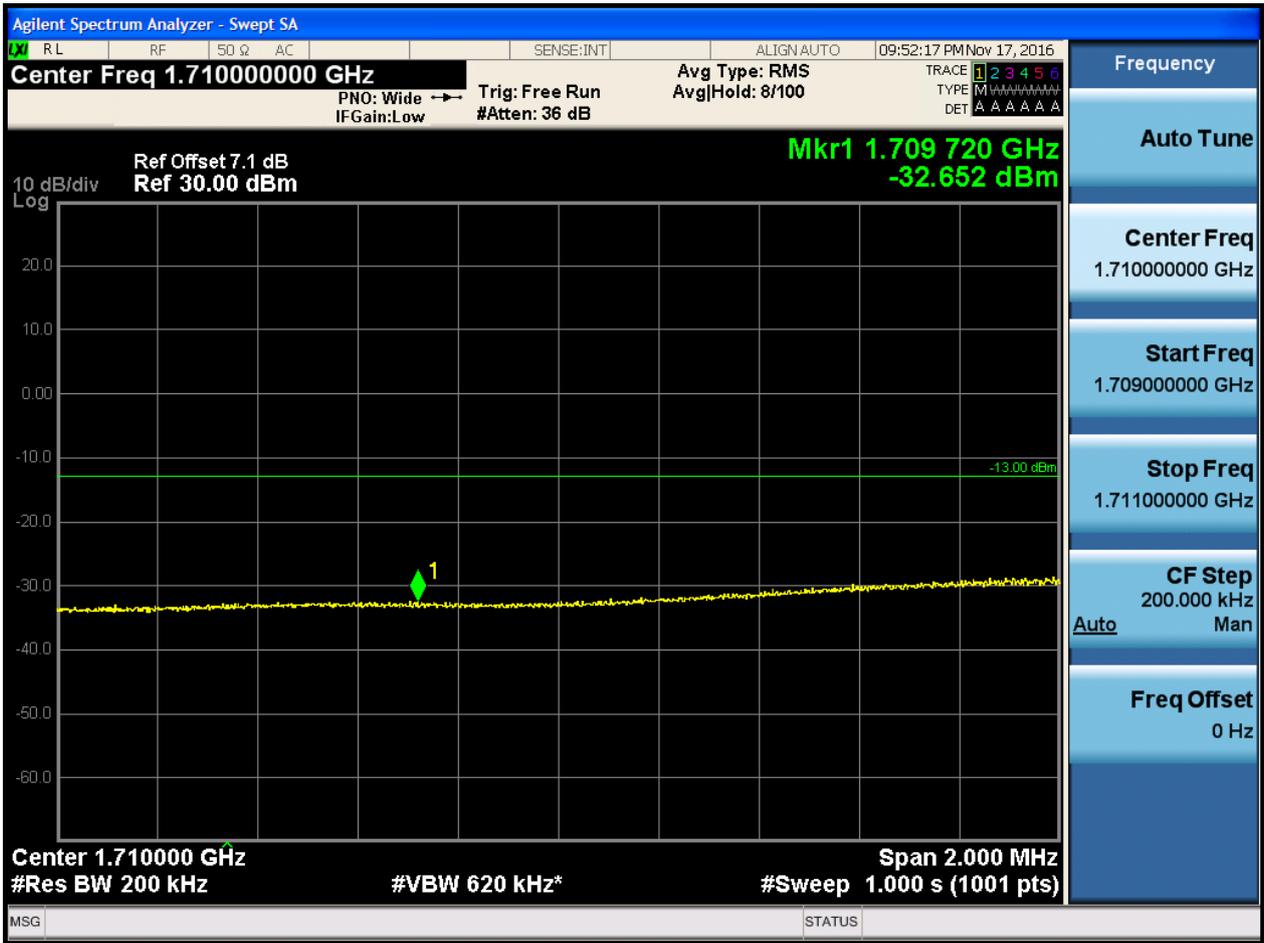
5.1.1.1.4.1.1 Test RB = RB1#0
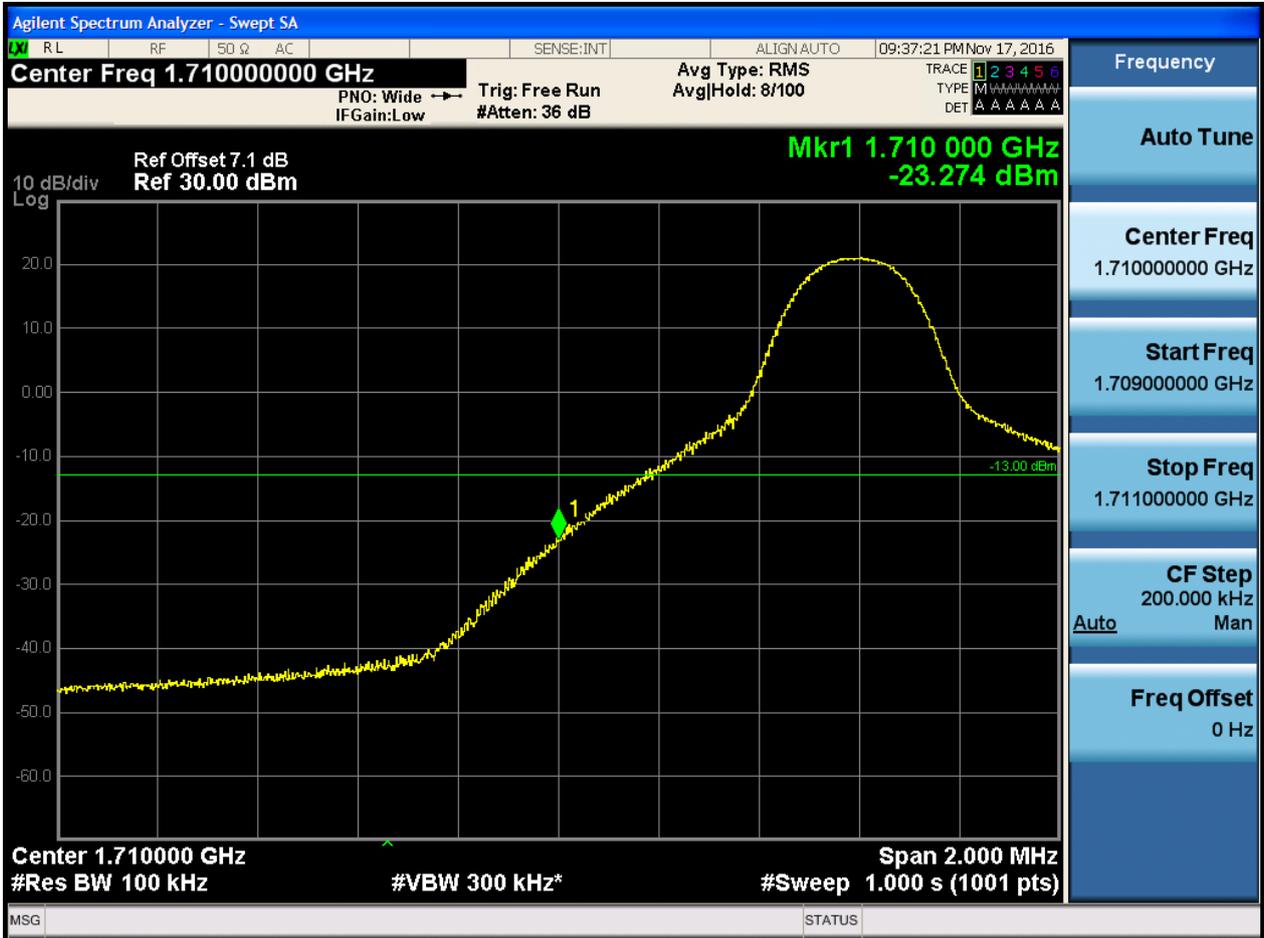
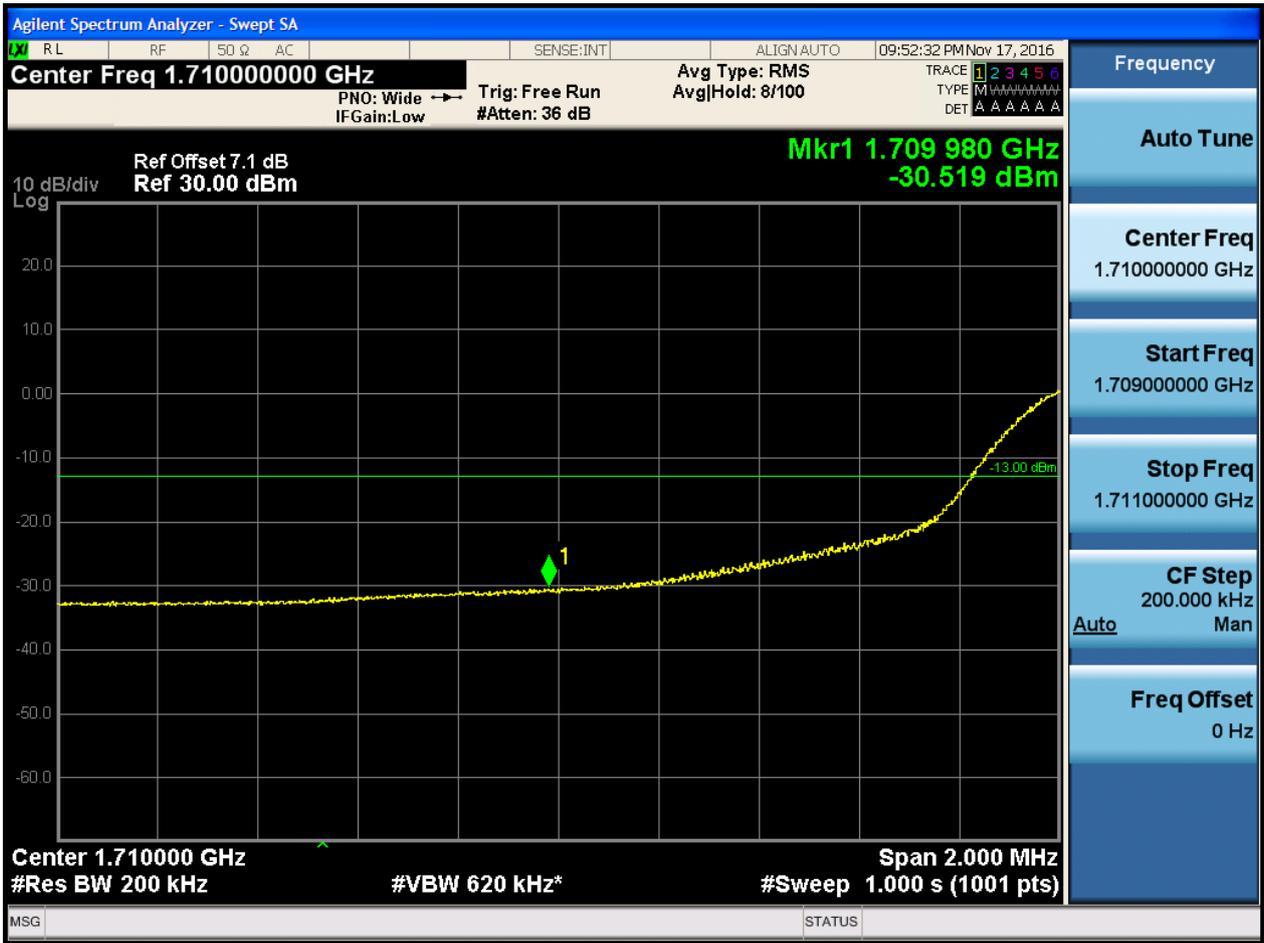## 5.1.1.1.4.1.2 Test RB = RB1#49
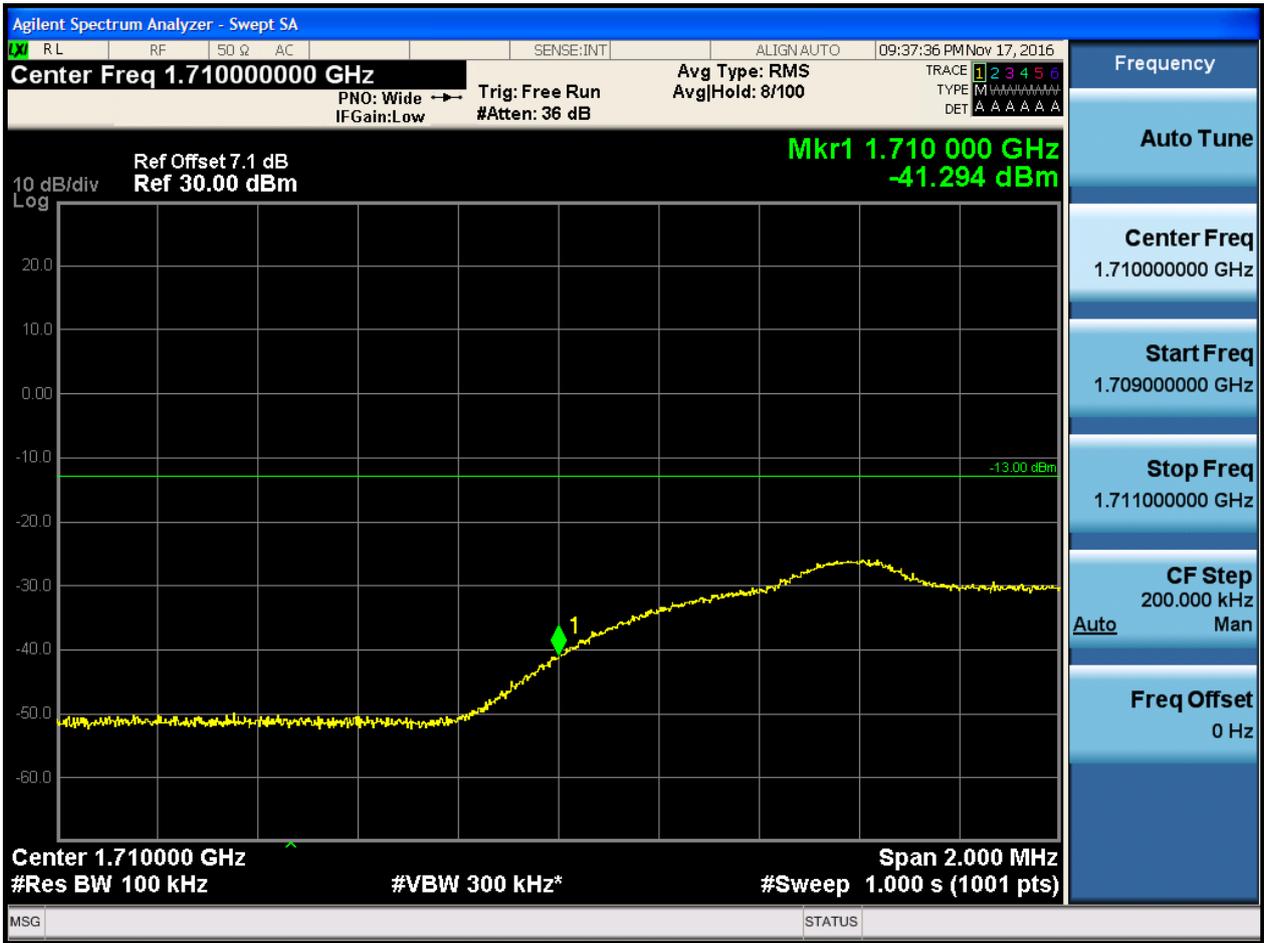
5.1.1.1.4.1.3 Test RB = RB25#13
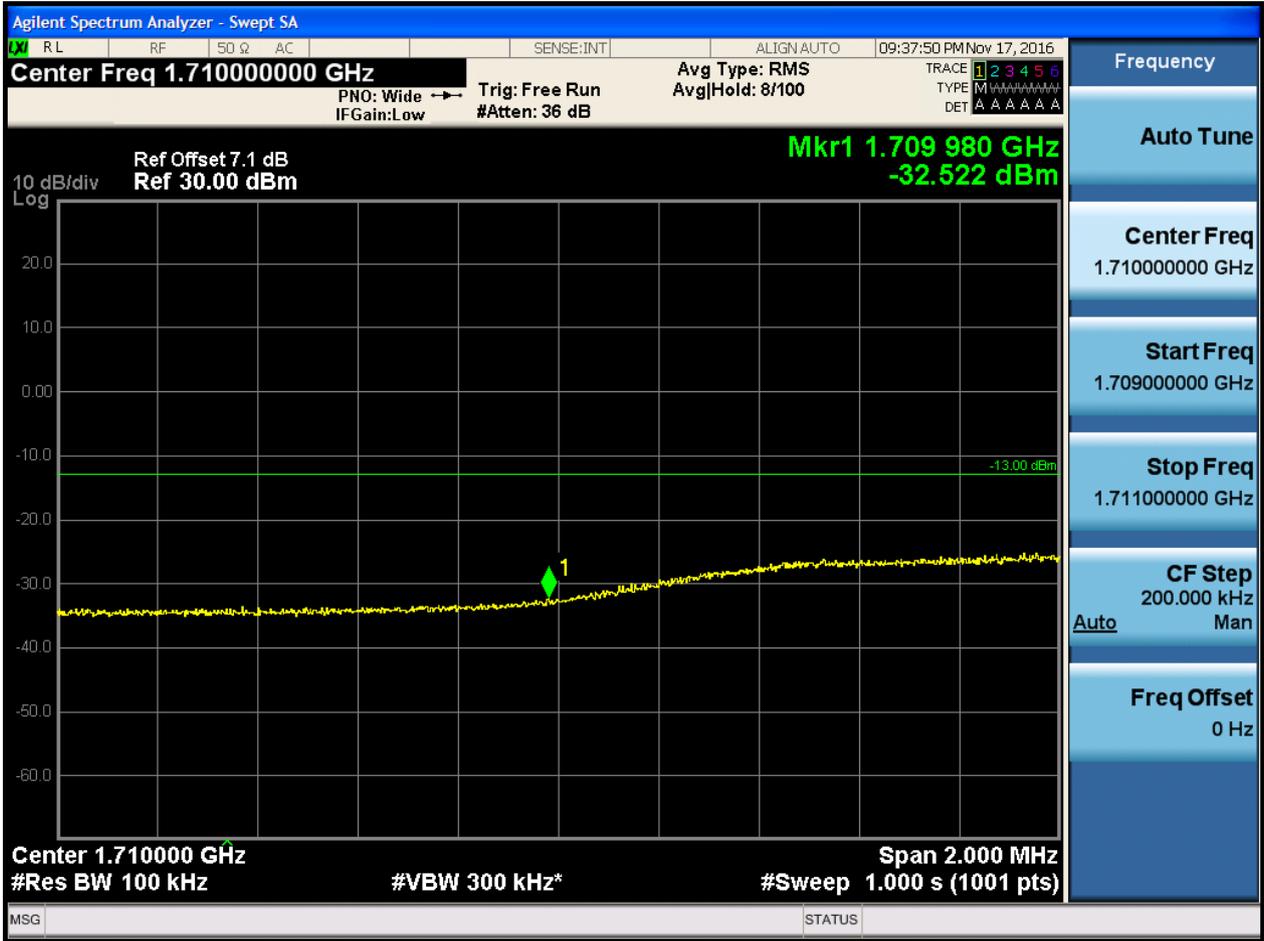
5.1.1.1.4.1.4 Test RB = RB50#0
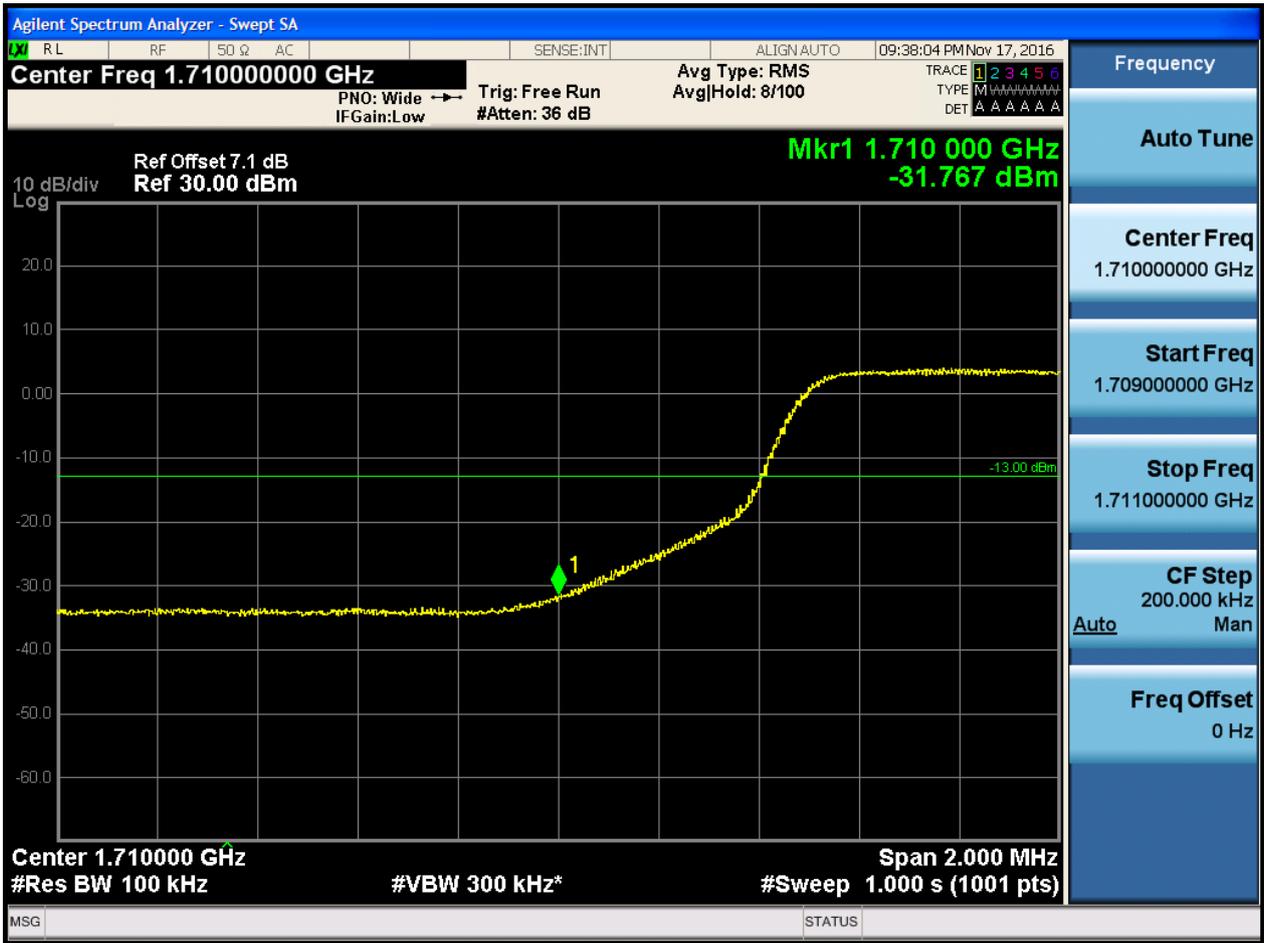
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0
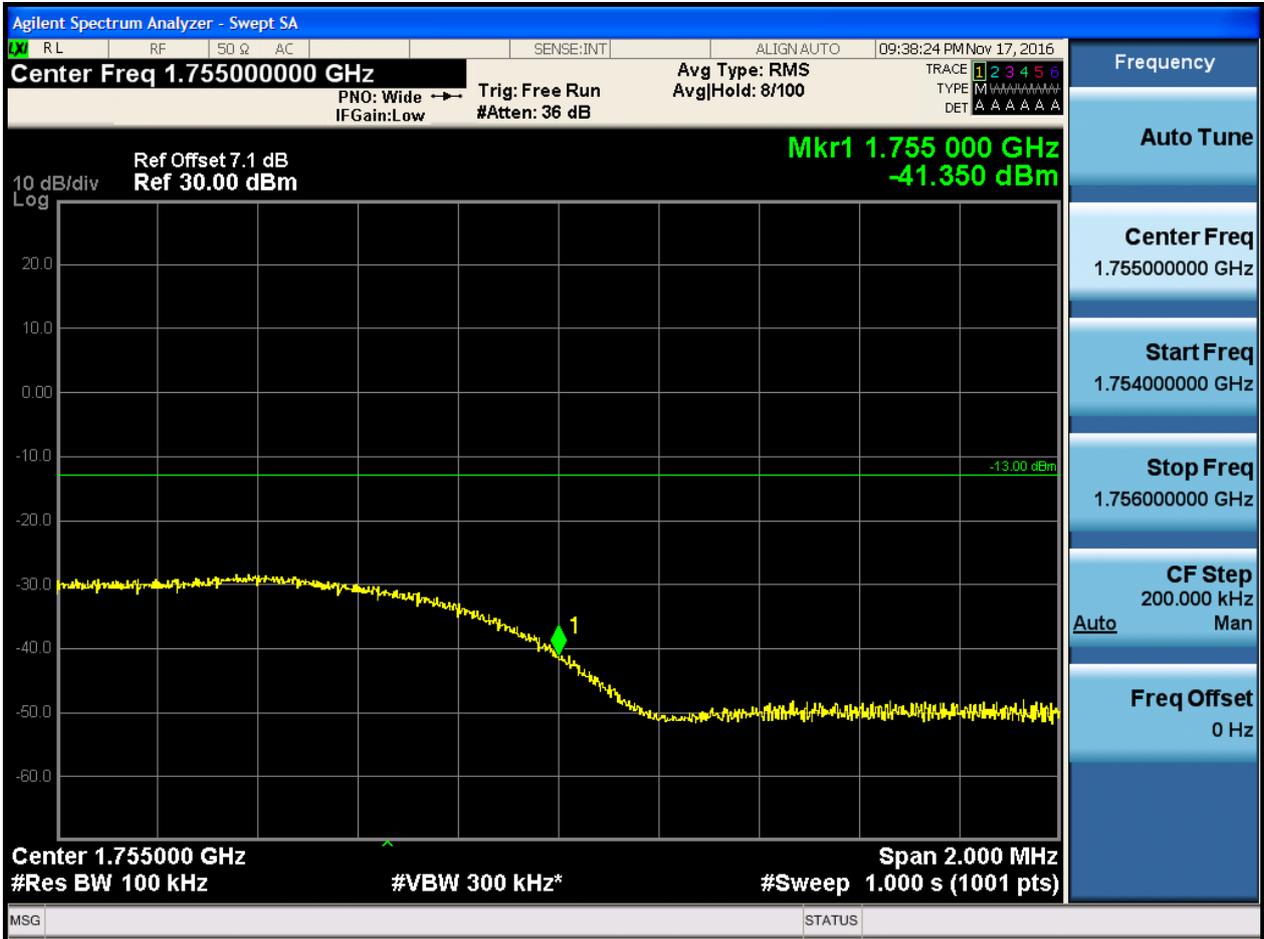
5.1.1.1.4.2.2 Test RB = RB1#49

5.1.1.1.4.2.3 Test RB = RB25#13

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.
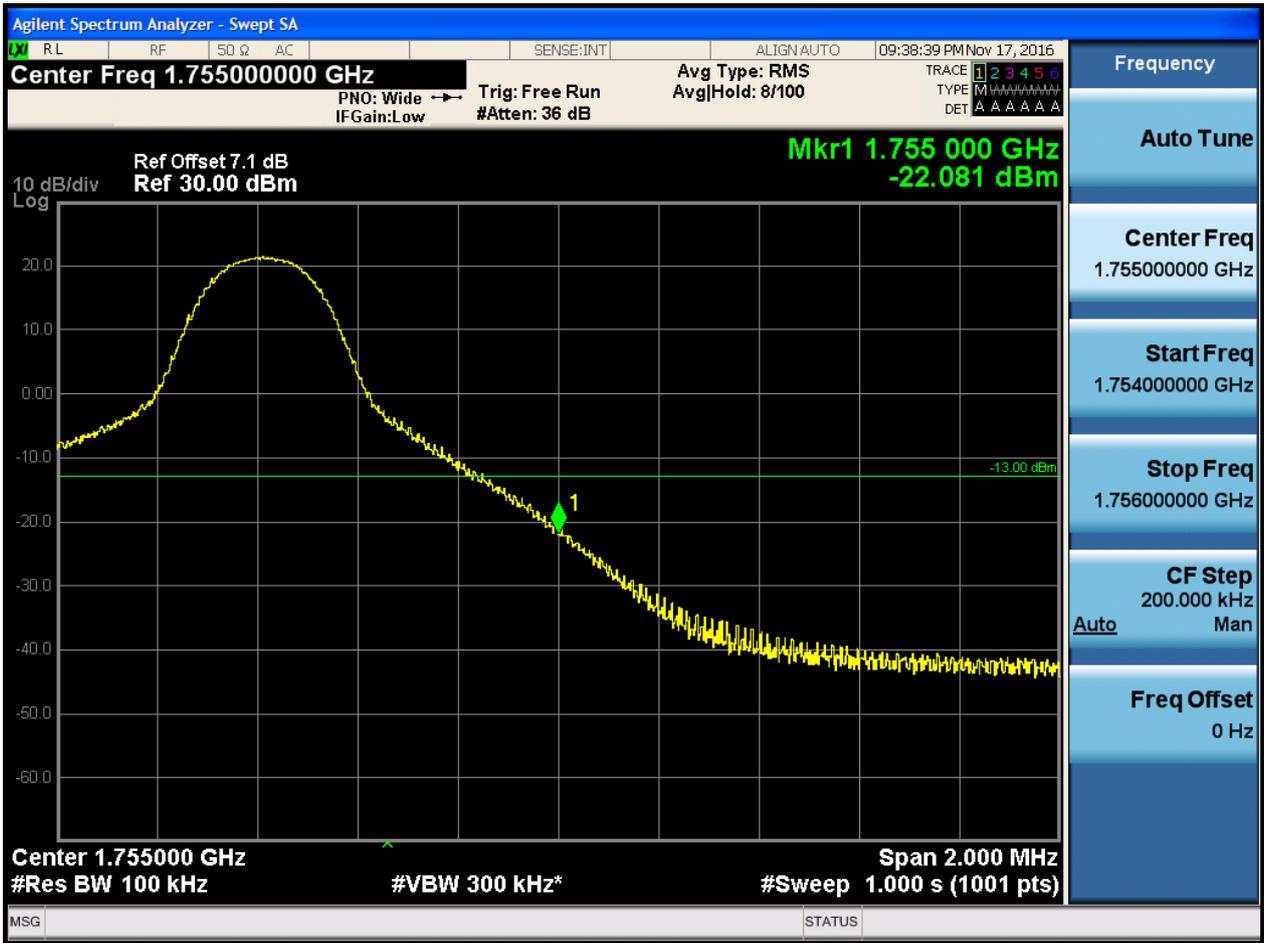
5.1.1.1.4.2.4 Test RB = RB50#0

5.1.1.1.1 Test Bandwidth = 15

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0

5.1.1.1.1.1.2 Test RB = RB1#74

5.1.1.1.1.1.3 Test RB = RB38#19

5.1.1.1.1.1.4 Test RB = RB75#0

5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0

5.1.1.1.1.2.2 Test RB = RB1#74

5.1.1.1.1.2.3 Test RB = RB38#19

5.1.1.1.1.2.4 Test RB = RB75#0

5.1.1.1.2 Test Bandwidth = 20

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#99

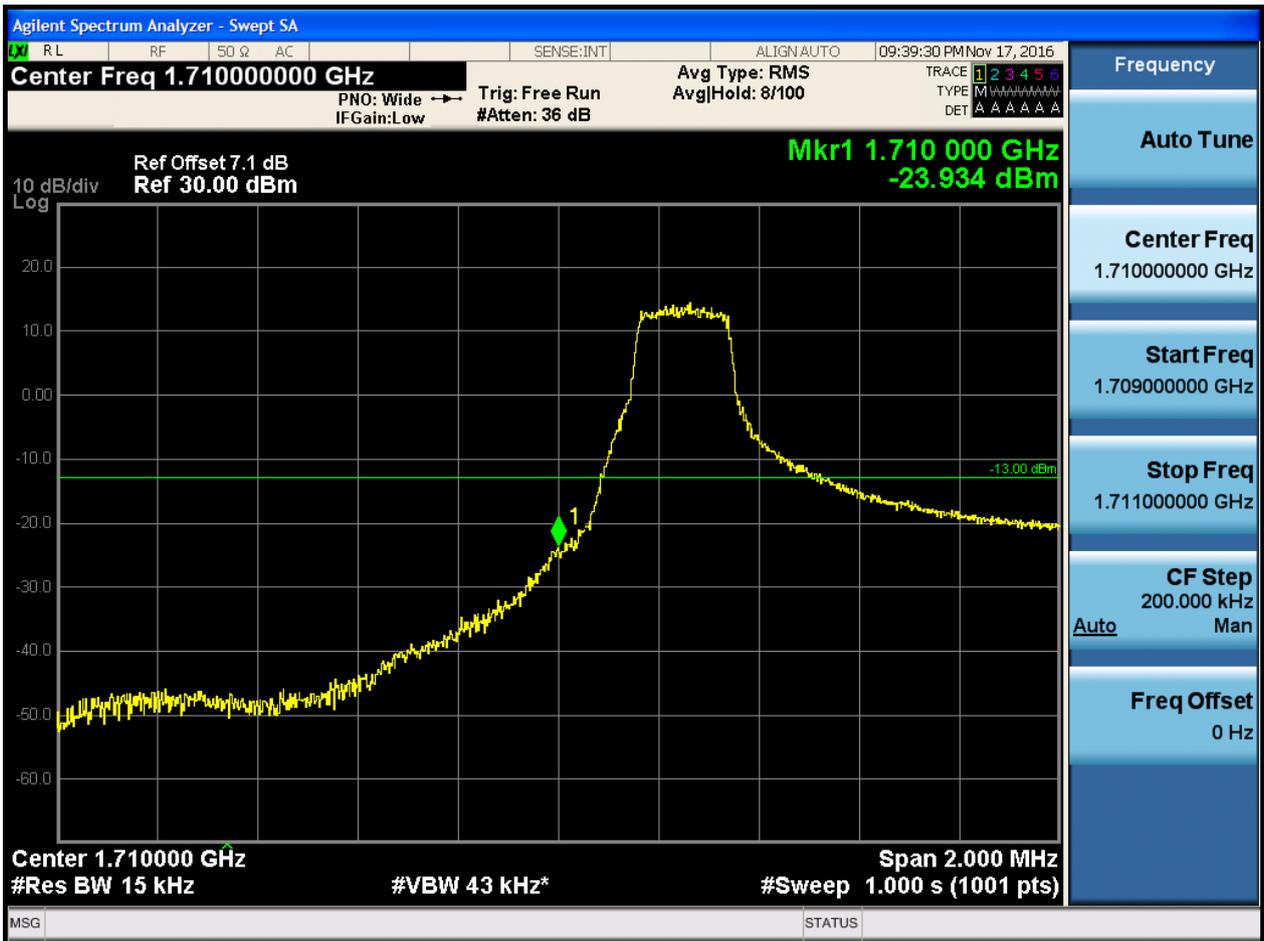## 5.1.1.1.2.1.3 Test RB = RB50#25

5.1.1.1.2.1.4 Test RB = RB100#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#99
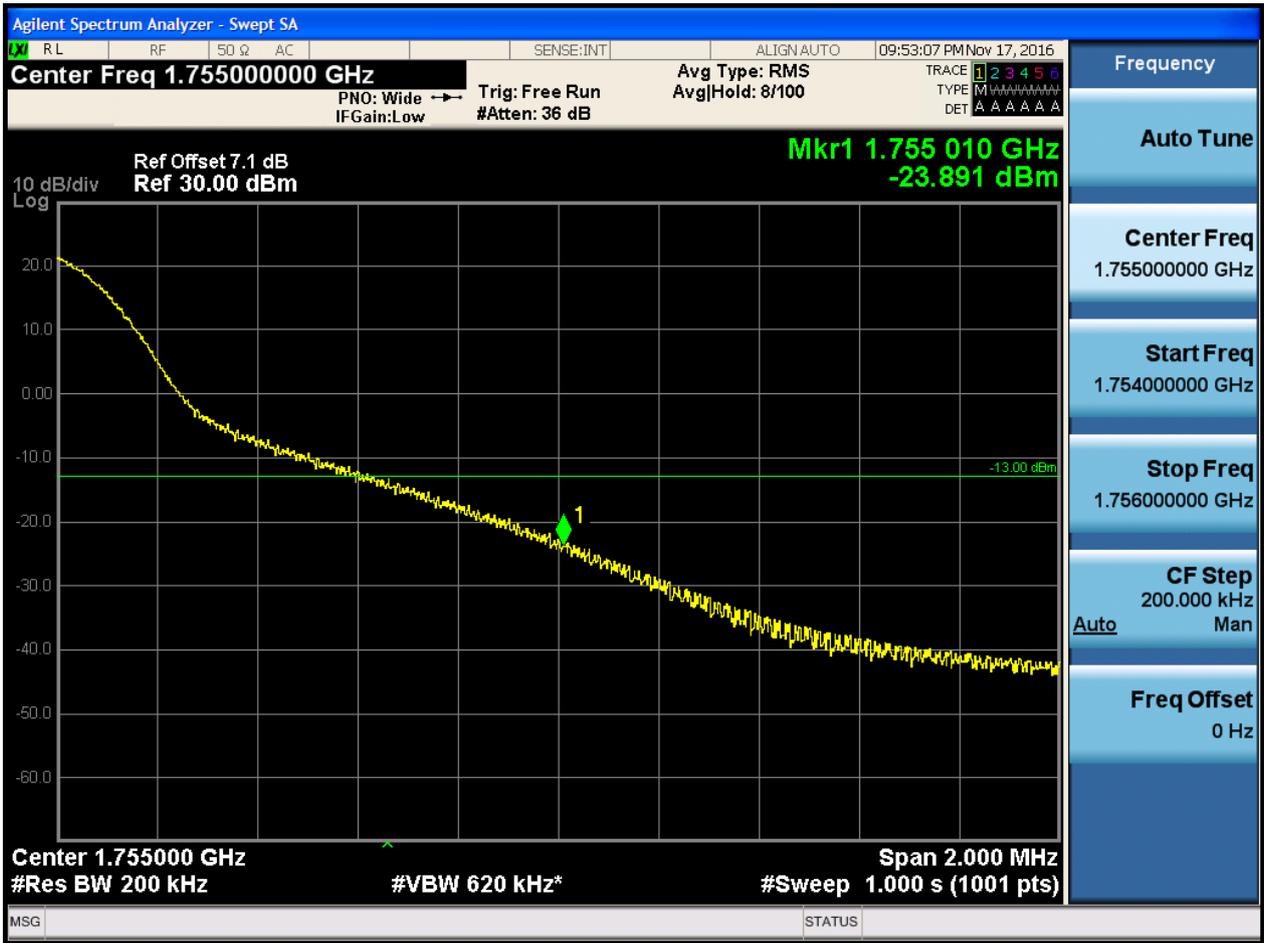
5.1.1.1.2.2.3 Test RB = RB50#25
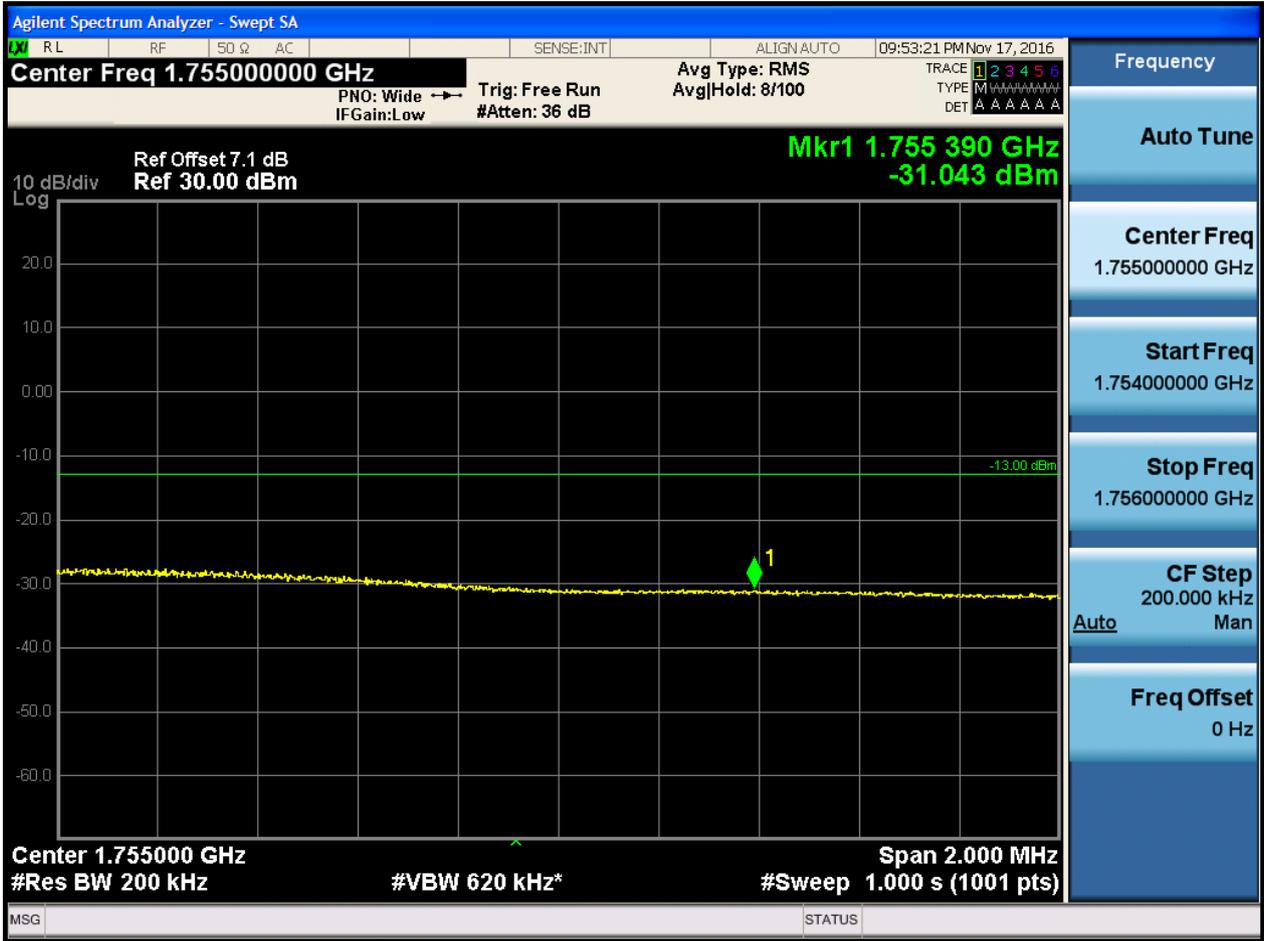
5.1.1.1.2.2.4 Test RB = RB100#0

5.1.1.2 Test Mode = LTE/TM2
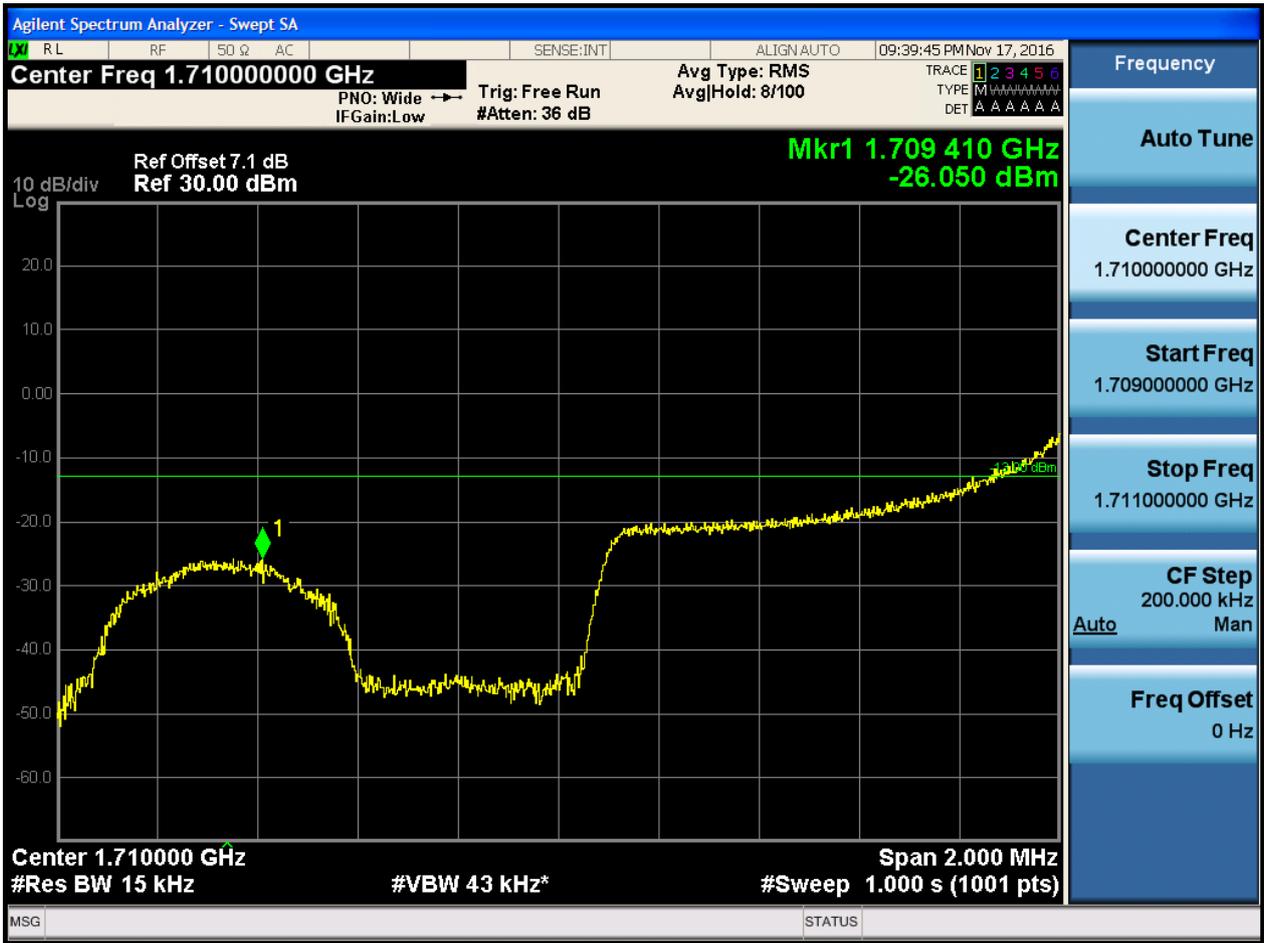
5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

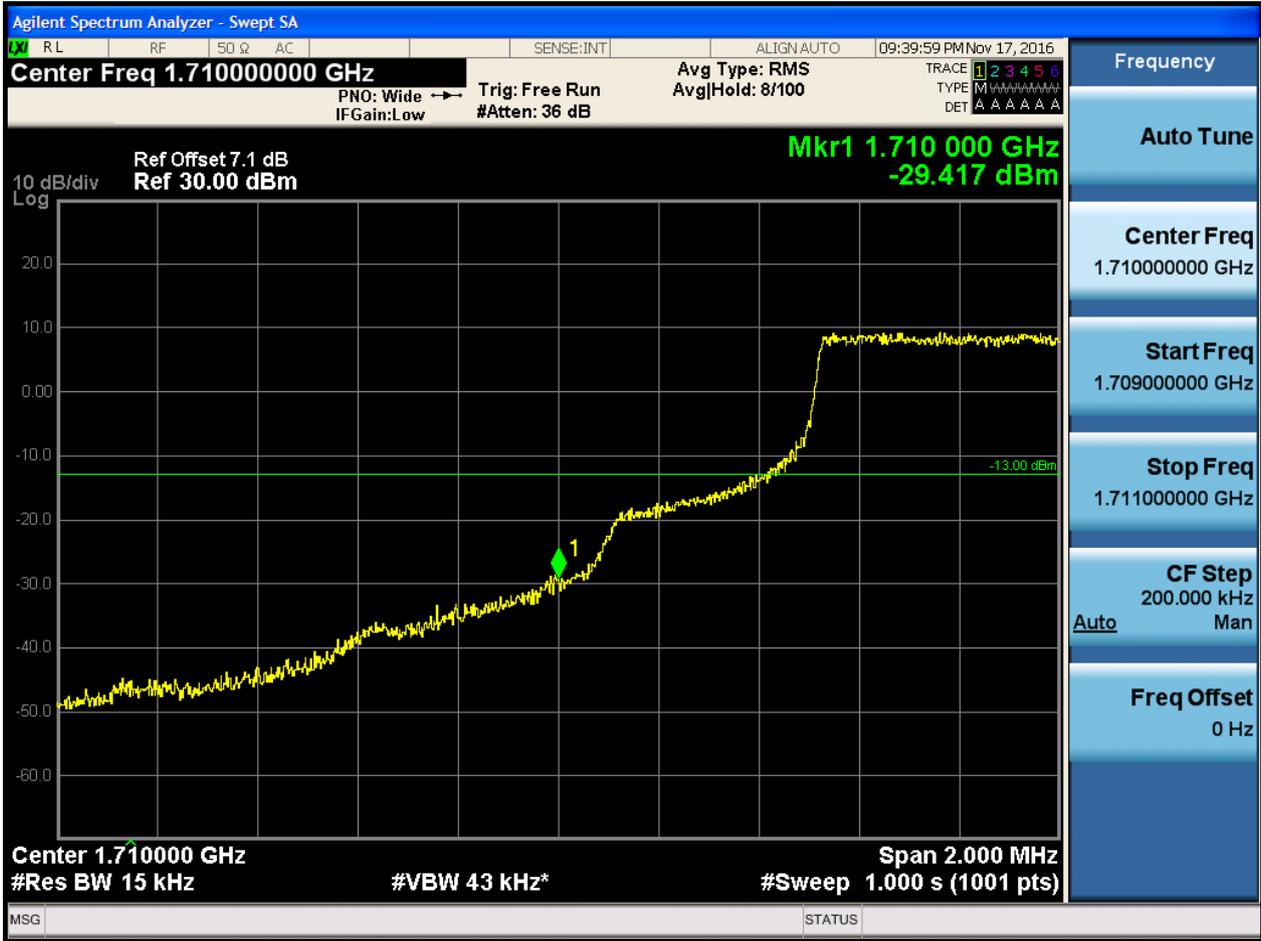### 5.1.1.2.1.1.1 Test RB = RB1#0

5.1.1.2.1.1.2 Test RB = RB1#5

5.1.1.2.1.1.3 Test RB = RB3#2

5.1.1.2.1.1.4 Test RB = RB6#0

5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

5.1.1.2.1.2.2 Test RB = RB1#5