Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
WCDMA1700	UMTS/TM1	LCH	23.28	25.78	30	PASS
		MCH	23.3	25.8	30	PASS
		HCH	23	25.5	30	PASS

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	22.79	25.29	30	PASS
				RB1#3	22.66	25.16	30	PASS
				RB1#5	22.79	25.29	30	PASS
				RB3#0	22.75	25.25	30	PASS
				RB3#2	22.72	25.22	30	PASS
				RB3#3	22.7	25.2	30	PASS
				RB6#0	21.76	24.26	30	PASS
			MCH	RB1#0	22.88	25.38	30	PASS
				RB1#3	22.73	25.23	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#5	22.78	25.28	30	PASS
				RB3#0	22.77	25.27	30	PASS
				RB3#2	22.82	25.32	30	PASS
				RB3#3	22.82	25.32	30	PASS
				RB6#0	21.91	24.41	30	PASS
			HCH	RB1#0	22.52	25.02	30	PASS
				RB1#3	22.54	25.04	30	PASS
				RB1#5	22.54	25.04	30	PASS
				RB3#0	22.55	25.05	30	PASS
				RB3#2	22.54	25.04	30	PASS
				RB3#3	22.59	25.09	30	PASS
				RB6#0	21.61	24.11	30	PASS
		3	LCH	RB1#0	22.66	25.16	30	PASS
				RB1#7	22.65	25.15	30	PASS
				RB1#14	22.69	25.19	30	PASS
				RB8#0	21.63	24.13	30	PASS
				RB8#4	21.73	24.23	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	21.75	24.25	30	PASS
				RB15#0	21.75	24.25	30	PASS
			MCH	RB1#0	22.74	25.24	30	PASS
				RB1#7	22.64	25.14	30	PASS
				RB1#14	22.51	25.01	30	PASS
				RB8#0	21.84	24.34	30	PASS
				RB8#4	21.93	24.43	30	PASS
				RB8#7	21.75	24.25	30	PASS
				RB15#0	21.83	24.33	30	PASS
			HCH	RB1#0	22.49	24.99	30	PASS
				RB1#7	22.55	25.05	30	PASS
				RB1#14	22.52	25.02	30	PASS
				RB8#0	21.73	24.23	30	PASS
				RB8#4	21.68	24.18	30	PASS
				RB8#7	21.66	24.16	30	PASS
				RB15#0	21.69	24.19	30	PASS
		5	LCH	RB1#0	22.63	25.13	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.68	25.18	30	PASS
				RB1#24	22.64	25.14	30	PASS
				RB12#0	21.73	24.23	30	PASS
				RB12#6	21.69	24.19	30	PASS
				RB12#13	21.72	24.22	30	PASS
				RB25#0	21.62	24.12	30	PASS
			MCH	RB1#0	22.75	25.25	30	PASS
				RB1#13	22.7	25.2	30	PASS
				RB1#24	22.65	25.15	30	PASS
				RB12#0	21.88	24.38	30	PASS
				RB12#6	21.89	24.39	30	PASS
				RB12#13	21.72	24.22	30	PASS
				RB25#0	21.81	24.31	30	PASS
			HCH	RB1#0	22.68	25.18	30	PASS
				RB1#13	22.63	25.13	30	PASS
				RB1#24	22.59	25.09	30	PASS
				RB12#0	21.65	24.15	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#6	21.69	24.19	30	PASS
				RB12#13	21.7	24.2	30	PASS
				RB25#0	21.67	24.17	30	PASS
		10	LCH	RB1#0	22.77	25.27	30	PASS
				RB1#25	22.65	25.15	30	PASS
				RB1#49	22.81	25.31	30	PASS
				RB25#0	21.7	24.2	30	PASS
				RB25#13	21.69	24.19	30	PASS
				RB25#25	21.78	24.28	30	PASS
				RB50#0	21.71	24.21	30	PASS
			MCH	RB1#0	22.67	25.17	30	PASS
				RB1#25	22.75	25.25	30	PASS
				RB1#49	22.77	25.27	30	PASS
				RB25#0	21.76	24.26	30	PASS
				RB25#13	21.82	24.32	30	PASS
				RB25#25	21.7	24.2	30	PASS
				RB50#0	21.73	24.23	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.68	25.18	30	PASS
				RB1#25	22.64	25.14	30	PASS
				RB1#49	22.52	25.02	30	PASS
				RB25#0	21.76	24.26	30	PASS
				RB25#13	21.62	24.12	30	PASS
				RB25#25	21.64	24.14	30	PASS
				RB50#0	21.65	24.15	30	PASS
		15	LCH	RB1#0	22.68	25.18	30	PASS
				RB1#38	22.78	25.28	30	PASS
				RB1#74	22.74	25.24	30	PASS
				RB38#0	21.66	24.16	30	PASS
				RB38#19	21.73	24.23	30	PASS
				RB38#39	21.71	24.21	30	PASS
				RB75#0	21.7	24.2	30	PASS
			MCH	RB1#0	22.75	25.25	30	PASS
				RB1#38	22.7	25.2	30	PASS
				RB1#74	22.76	25.26	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#0	21.79	24.29	30	PASS
				RB38#19	21.79	24.29	30	PASS
				RB38#39	21.72	24.22	30	PASS
				RB75#0	21.72	24.22	30	PASS
			HCH	RB1#0	22.77	25.27	30	PASS
				RB1#38	22.56	25.06	30	PASS
				RB1#74	22.56	25.06	30	PASS
				RB38#0	21.69	24.19	30	PASS
				RB38#19	21.68	24.18	30	PASS
				RB38#39	21.62	24.12	30	PASS
				RB75#0	21.68	24.18	30	PASS
		20	LCH	RB1#0	22.72	25.22	30	PASS
				RB1#50	22.84	25.34	30	PASS
				RB1#99	22.7	25.2	30	PASS
				RB50#0	21.65	24.15	30	PASS
				RB50#25	21.81	24.31	30	PASS
				RB50#50	21.69	24.19	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.72	24.22	30	PASS
			MCH	RB1#0	22.72	25.22	30	PASS
				RB1#50	22.78	25.28	30	PASS
				RB1#99	22.82	25.32	30	PASS
				RB50#0	21.8	24.3	30	PASS
				RB50#25	21.79	24.29	30	PASS
				RB50#50	21.77	24.27	30	PASS
				RB100#0	21.75	24.25	30	PASS
			HCH	RB1#0	22.77	25.27	30	PASS
				RB1#50	22.72	25.22	30	PASS
				RB1#99	22.57	25.07	30	PASS
				RB50#0	21.77	24.27	30	PASS
				RB50#25	21.68	24.18	30	PASS
				RB50#50	21.64	24.14	30	PASS
				RB100#0	21.72	24.22	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.79	24.29	30	PASS
				RB1#3	21.79	24.29	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#5	21.83	24.33	30	PASS
				RB3#0	21.84	24.34	30	PASS
				RB3#2	21.76	24.26	30	PASS
				RB3#3	21.82	24.32	30	PASS
				RB6#0	21.03	23.53	30	PASS
			MCH	RB1#0	21.75	24.25	30	PASS
				RB1#3	21.6	24.1	30	PASS
				RB1#5	21.67	24.17	30	PASS
				RB3#0	22.02	24.52	30	PASS
				RB3#2	22.03	24.53	30	PASS
				RB3#3	21.94	24.44	30	PASS
				RB6#0	20.94	23.44	30	PASS
			HCH	RB1#0	21.56	24.06	30	PASS
				RB1#3	21.52	24.02	30	PASS
				RB1#5	21.52	24.02	30	PASS
				RB3#0	21.42	23.92	30	PASS
				RB3#2	21.42	23.92	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB3#3	21.47	23.97	30	PASS
				RB6#0	20.6	23.1	30	PASS
			LCH	RB1#0	21.94	24.44	30	PASS
				RB1#7	21.95	24.45	30	PASS
				RB1#14	21.88	24.38	30	PASS
				RB8#0	20.88	23.38	30	PASS
				RB8#4	20.94	23.44	30	PASS
				RB8#7	20.96	23.46	30	PASS
				RB15#0	20.9	23.4	30	PASS
		3		RB1#0	22.05	24.55	30	PASS
				RB1#7	21.92	24.42	30	PASS
				RB1#14	21.83	24.33	30	PASS
			MCH	RB8#0	21.01	23.51	30	PASS
				RB8#4	21.03	23.53	30	PASS
				RB8#7	20.89	23.39	30	PASS
				RB15#0	20.97	23.47	30	PASS
			HCH	RB1#0	21.43	23.93	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#7	21.5	24	30	PASS
				RB1#14	21.51	24.01	30	PASS
				RB8#0	20.76	23.26	30	PASS
				RB8#4	20.82	23.32	30	PASS
				RB8#7	20.78	23.28	30	PASS
				RB15#0	20.8	23.3	30	PASS
			LCH	RB1#0	21.61	24.11	30	PASS
				RB1#13	21.56	24.06	30	PASS
				RB1#24	21.51	24.01	30	PASS
				RB12#0	20.87	23.37	30	PASS
				RB12#6	20.91	23.41	30	PASS
		5		RB12#13	20.94	23.44	30	PASS
				RB25#0	20.66	23.16	30	PASS
			MCH	RB1#0	21.72	24.22	30	PASS
				RB1#13	21.63	24.13	30	PASS
				RB1#24	21.52	24.02	30	PASS
				RB12#0	21.01	23.51	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#6	21.01	23.51	30	PASS
				RB12#13	20.86	23.36	30	PASS
				RB25#0	20.82	23.32	30	PASS
			HCH	RB1#0	21.66	24.16	30	PASS
				RB1#13	21.53	24.03	30	PASS
				RB1#24	21.55	24.05	30	PASS
				RB12#0	20.75	23.25	30	PASS
				RB12#6	20.67	23.17	30	PASS
				RB12#13	20.71	23.21	30	PASS
				RB25#0	20.63	23.13	30	PASS
		10	LCH	RB1#0	21.94	24.44	30	PASS
				RB1#25	21.9	24.4	30	PASS
				RB1#49	22.02	24.52	30	PASS
				RB25#0	20.67	23.17	30	PASS
				RB25#13	20.7	23.2	30	PASS
				RB25#25	20.79	23.29	30	PASS
				RB50#0	20.77	23.27	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.95	24.45	30	PASS
				RB1#25	21.95	24.45	30	PASS
				RB1#49	21.99	24.49	30	PASS
				RB25#0	20.8	23.3	30	PASS
				RB25#13	20.78	23.28	30	PASS
				RB25#25	20.75	23.25	30	PASS
				RB50#0	20.86	23.36	30	PASS
			HCH	RB1#0	21.59	24.09	30	PASS
				RB1#25	21.59	24.09	30	PASS
				RB1#49	21.51	24.01	30	PASS
				RB25#0	20.73	23.23	30	PASS
				RB25#13	20.71	23.21	30	PASS
				RB25#25	20.64	23.14	30	PASS
				RB50#0	20.72	23.22	30	PASS
		15	LCH	RB1#0	21.86	24.36	30	PASS
				RB1#38	21.98	24.48	30	PASS
				RB1#74	21.94	24.44	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#0	20.82	23.32	30	PASS
				RB38#19	20.91	23.41	30	PASS
				RB38#39	20.81	23.31	30	PASS
				RB75#0	20.79	23.29	30	PASS
			MCH	RB1#0	21.97	24.47	30	PASS
				RB1#38	21.94	24.44	30	PASS
				RB1#74	22.01	24.51	30	PASS
				RB38#0	20.89	23.39	30	PASS
				RB38#19	20.85	23.35	30	PASS
				RB38#39	20.83	23.33	30	PASS
				RB75#0	20.82	23.32	30	PASS
			HCH	RB1#0	21.85	24.35	30	PASS
				RB1#38	21.6	24.1	30	PASS
				RB1#74	21.67	24.17	30	PASS
				RB38#0	20.71	23.21	30	PASS
				RB38#19	20.68	23.18	30	PASS
				RB38#39	20.63	23.13	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	20.67	23.17	30	PASS
			LCH	RB1#0	21.98	24.48	30	PASS
				RB1#50	22.18	24.68	30	PASS
				RB1#99	22.08	24.58	30	PASS
				RB50#0	20.81	23.31	30	PASS
				RB50#25	20.83	23.33	30	PASS
				RB50#50	20.77	23.27	30	PASS
				RB100#0	20.77	23.27	30	PASS
		20	MCH	RB1#0	21.98	24.48	30	PASS
				RB1#50	21.98	24.48	30	PASS
				RB1#99	22.12	24.62	30	PASS
				RB50#0	20.8	23.3	30	PASS
				RB50#25	20.79	23.29	30	PASS
				RB50#50	20.89	23.39	30	PASS
				RB100#0	20.86	23.36	30	PASS
			HCH	RB1#0	22.02	24.52	30	PASS
				RB1#50	22.05	24.55	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	21.9	24.4	30	PASS
				RB50#0	20.79	23.29	30	PASS
				RB50#25	20.72	23.22	30	PASS
				RB50#50	20.74	23.24	30	PASS
				RB100#0	20.75	23.25	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: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1700	UMTS/TM1	LCH	3.61	13	PASS
		MCH	3.79	13	PASS
		HCH	3.9	13	PASS

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	4.26	13	PASS
				RB1#3	4.26	13	PASS
				RB1#5	4.43	13	PASS
				RB3#0	5.13	13	PASS
				RB3#2	5.23	13	PASS
				RB3#3	5.36	13	PASS
				RB6#0	6.59	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#3	4.66	13	PASS
				RB1#5	4.82	13	PASS
				RB3#0	5.58	13	PASS
				RB3#2	5.63	13	PASS
				RB3#3	5.72	13	PASS
				RB6#0	6.33	13	PASS
			HCH	RB1#0	5.38	13	PASS
				RB1#3	5.23	13	PASS
				RB1#5	5.36	13	PASS
				RB3#0	5.44	13	PASS
				RB3#2	5.5	13	PASS
				RB3#3	5.45	13	PASS
				RB6#0	6.55	13	PASS
		3	LCH	RB1#0	4.51	13	PASS
				RB1#7	4.6	13	PASS
				RB1#14	4.77	13	PASS
				RB8#0	5.99	13	PASS
				RB8#4	6.01	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.1	13	PASS
				RB15#0	5.77	13	PASS
			MCH	RB1#0	5.09	13	PASS
				RB1#7	4.84	13	PASS
				RB1#14	4.98	13	PASS
				RB8#0	6.34	13	PASS
				RB8#4	6.17	13	PASS
				RB8#7	6.17	13	PASS
				RB15#0	5.59	13	PASS
			HCH	RB1#0	5.24	13	PASS
				RB1#7	4.98	13	PASS
				RB1#14	5.09	13	PASS
				RB8#0	6.57	13	PASS
				RB8#4	6.67	13	PASS
				RB8#7	6.63	13	PASS
				RB15#0	6.63	13	PASS
			LCH	RB1#0	4.58	13	PASS
				RB1#13	4.61	13	PASS
				RB1#24	4.88	13	PASS
				RB12#0	5.89	13	PASS
				RB12#6	6.02	13	PASS
				RB12#13	6.2	13	PASS
				RB25#0	6.22	13	PASS
		5	MCH	RB1#0	5.09	13	PASS
				RB1#13	4.67	13	PASS
				RB1#24	4.96	13	PASS
				RB12#0	6.28	13	PASS
				RB12#6	6.2	13	PASS
				RB12#13	6.25	13	PASS
				RB25#0	6.26	13	PASS
			HCH	RB1#0	5.35	13	PASS
				RB1#13	5.32	13	PASS
				RB1#24	5.33	13	PASS
				RB12#0	7.06	13	PASS
				RB12#6	6.7	13	PASS
				RB12#13	6.87	13	PASS
				RB25#0	6.56	13	PASS
		10	LCH	RB1#0	4.59	13	PASS
				RB1#25	4.86	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.26	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	6.28	13	PASS
				RB25#25	6.24	13	PASS
				RB50#0	6.55	13	PASS
			MCH	RB1#0	5.2	13	PASS
				RB1#25	4.97	13	PASS
				RB1#49	4.97	13	PASS
				RB25#0	6.35	13	PASS
				RB25#13	6.3	13	PASS
				RB25#25	6.2	13	PASS
				RB50#0	6.4	13	PASS
			HCH	RB1#0	5.05	13	PASS
				RB1#25	4.94	13	PASS
				RB1#49	5.17	13	PASS
				RB25#0	6.52	13	PASS
				RB25#13	6.53	13	PASS
				RB25#25	6.87	13	PASS
				RB50#0	6.61	13	PASS
		15	LCH	RB1#0	4.65	13	PASS
				RB1#38	5.04	13	PASS
				RB1#74	5.27	13	PASS
				RB38#0	6.42	13	PASS
				RB38#19	6.53	13	PASS
				RB38#39	6.73	13	PASS
				RB75#0	6.95	13	PASS
			MCH	RB1#0	5.31	13	PASS
				RB1#38	4.8	13	PASS
				RB1#74	4.91	13	PASS
				RB38#0	6.57	13	PASS
				RB38#19	6.39	13	PASS
				RB38#39	6.4	13	PASS
				RB75#0	6.86	13	PASS
			HCH	RB1#0	5.12	13	PASS
				RB1#38	5.23	13	PASS
				RB1#74	5.33	13	PASS
				RB38#0	6.31	13	PASS
				RB38#19	6.5	13	PASS
				RB38#39	6.46	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.79	13	PASS
		20	LCH	RB1#0	4.96	13	PASS
				RB1#50	5.45	13	PASS
				RB1#99	5.36	13	PASS
				RB50#0	6.65	13	PASS
				RB50#25	6.8	13	PASS
				RB50#50	6.77	13	PASS
				RB100#0	6.6	13	PASS
			MCH	RB1#0	5.77	13	PASS
				RB1#50	5.04	13	PASS
				RB1#99	5.25	13	PASS
				RB50#0	6.75	13	PASS
				RB50#25	6.62	13	PASS
				RB50#50	6.55	13	PASS
				RB100#0	6.45	13	PASS
			HCH	RB1#0	5	13	PASS
				RB1#50	5.24	13	PASS
				RB1#99	5.42	13	PASS
				RB50#0	6.46	13	PASS
				RB50#25	6.55	13	PASS
				RB50#50	6.59	13	PASS
				RB100#0	6.55	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.36	13	PASS
				RB1#3	5.46	13	PASS
				RB1#5	5.53	13	PASS
				RB3#0	5.93	13	PASS
				RB3#2	6.05	13	PASS
				RB3#3	6.09	13	PASS
				RB6#0	6.69	13	PASS
			MCH	RB1#0	6.08	13	PASS
				RB1#3	5.85	13	PASS
				RB1#5	6.02	13	PASS
				RB3#0	6.3	13	PASS
				RB3#2	6.34	13	PASS
				RB3#3	6.5	13	PASS
				RB6#0	6.72	13	PASS
			HCH	RB1#0	5.91	13	PASS
				RB1#3	5.76	13	PASS
				RB1#5	5.91	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB3#0	6.58	13	PASS
				RB3#2	6.67	13	PASS
				RB3#3	6.78	13	PASS
				RB6#0	7.28	13	PASS
		3	LCH	RB1#0	5.41	13	PASS
				RB1#7	5.52	13	PASS
				RB1#14	5.75	13	PASS
				RB8#0	6.52	13	PASS
				RB8#4	6.74	13	PASS
				RB8#7	6.68	13	PASS
				RB15#0	6.84	13	PASS
			MCH	RB1#0	6.12	13	PASS
				RB1#7	6.02	13	PASS
				RB1#14	6.08	13	PASS
				RB8#0	6.89	13	PASS
				RB8#4	7.04	13	PASS
				RB8#7	7.09	13	PASS
				RB15#0	7.03	13	PASS
			HCH	RB1#0	6.14	13	PASS
				RB1#7	6.02	13	PASS
				RB1#14	6.09	13	PASS
				RB8#0	6.63	13	PASS
				RB8#4	6.54	13	PASS
				RB8#7	6.52	13	PASS
				RB15#0	7.36	13	PASS
		5	LCH	RB1#0	5.62	13	PASS
				RB1#13	5.64	13	PASS
				RB1#24	5.99	13	PASS
				RB12#0	6.76	13	PASS
				RB12#6	6.79	13	PASS
				RB12#13	6.9	13	PASS
				RB25#0	7.68	13	PASS
			MCH	RB1#0	6.19	13	PASS
				RB1#13	5.9	13	PASS
				RB1#24	6.09	13	PASS
				RB12#0	7.12	13	PASS
				RB12#6	6.96	13	PASS
				RB12#13	7.04	13	PASS
				RB25#0	7.9	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	6.27	13	PASS
				RB1#13	6.04	13	PASS
				RB1#24	6.21	13	PASS
				RB12#0	7.3	13	PASS
				RB12#6	7.22	13	PASS
				RB12#13	7.21	13	PASS
				RB25#0	7.69	13	PASS
		10	LCH	RB1#0	5.81	13	PASS
				RB1#25	6.26	13	PASS
				RB1#49	6.55	13	PASS
				RB25#0	7.33	13	PASS
				RB25#13	7.68	13	PASS
				RB25#25	7.67	13	PASS
				RB50#0	7.5	13	PASS
			MCH	RB1#0	6.55	13	PASS
				RB1#25	6.32	13	PASS
				RB1#49	6.3	13	PASS
				RB25#0	7.79	13	PASS
				RB25#13	7.71	13	PASS
				RB25#25	7.6	13	PASS
				RB50#0	7.46	13	PASS
			HCH	RB1#0	6.12	13	PASS
				RB1#25	6.01	13	PASS
				RB1#49	6.26	13	PASS
				RB25#0	7.62	13	PASS
				RB25#13	7.75	13	PASS
				RB25#25	7.87	13	PASS
				RB50#0	7.33	13	PASS
		15	LCH	RB1#0	5.94	13	PASS
				RB1#38	6.43	13	PASS
				RB1#74	6.71	13	PASS
				RB38#0	7.44	13	PASS
				RB38#19	7.83	13	PASS
				RB38#39	7.88	13	PASS
				RB75#0	7.51	13	PASS
			MCH	RB1#0	6.65	13	PASS
				RB1#38	6.36	13	PASS
				RB1#74	6.22	13	PASS
				RB38#0	7.71	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	7.66	13	PASS
				RB38#39	7.58	13	PASS
				RB75#0	7.48	13	PASS
			HCH	RB1#0	6.12	13	PASS
				RB1#38	6.22	13	PASS
				RB1#74	6.36	13	PASS
				RB38#0	7.52	13	PASS
				RB38#19	7.63	13	PASS
				RB38#39	7.6	13	PASS
				RB75#0	7.51	13	PASS
			LCH	RB1#0	5.04	13	PASS
				RB1#50	5.32	13	PASS
				RB1#99	5.43	13	PASS
				RB50#0	7.74	13	PASS
				RB50#25	7.7	13	PASS
				RB50#50	7.88	13	PASS
				RB100#0	7.35	13	PASS
			MCH	RB1#0	5.53	13	PASS
				RB1#50	5.08	13	PASS
				RB1#99	5.21	13	PASS
		20		RB50#0	7.8	13	PASS
				RB50#25	7.52	13	PASS
				RB50#50	7.69	13	PASS
				RB100#0	7.48	13	PASS
			HCH	RB1#0	5.91	13	PASS
				RB1#50	5.83	13	PASS
				RB1#99	6.08	13	PASS
				RB50#0	7.3	13	PASS
				RB50#25	7.47	13	PASS
				RB50#50	7.62	13	PASS
				RB100#0	7.31	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For UMTS

3.1.1 Test Band = WCDMA1700

3.1.1.1 Test Mode = UMTS/TM1

3.1.1.1.1 Test Channel = MCH
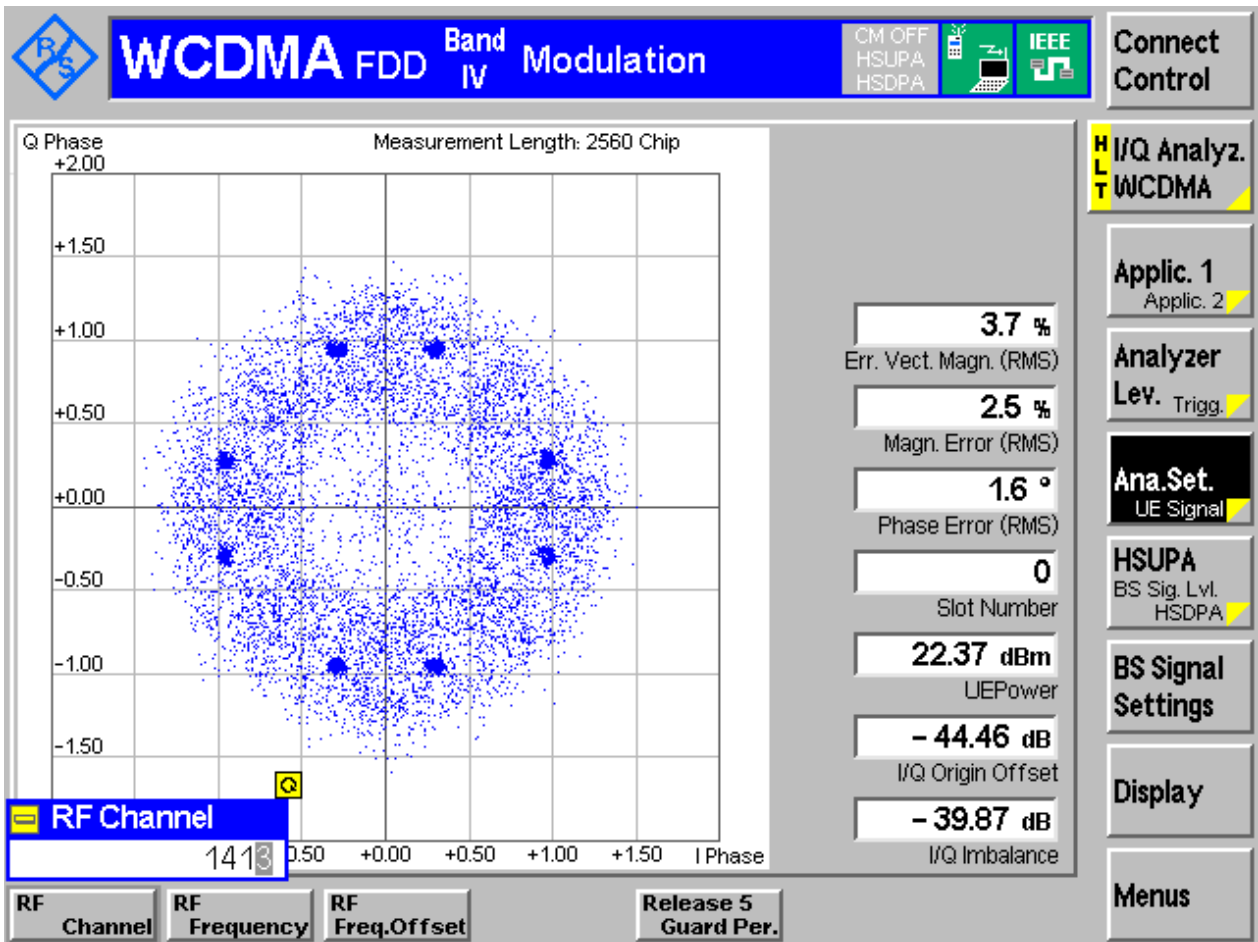
3.2 For LTE

3.2.1 Test Band = BAND4

3.2.1.1 Test Mode = LTE/TM1

3.2.1.1.1 Test Bandwidth = 1.4

3.2.1.1.1.1 Test Channel = MCH

3.2.1.1.1.1.1 Test RB = RB6#0
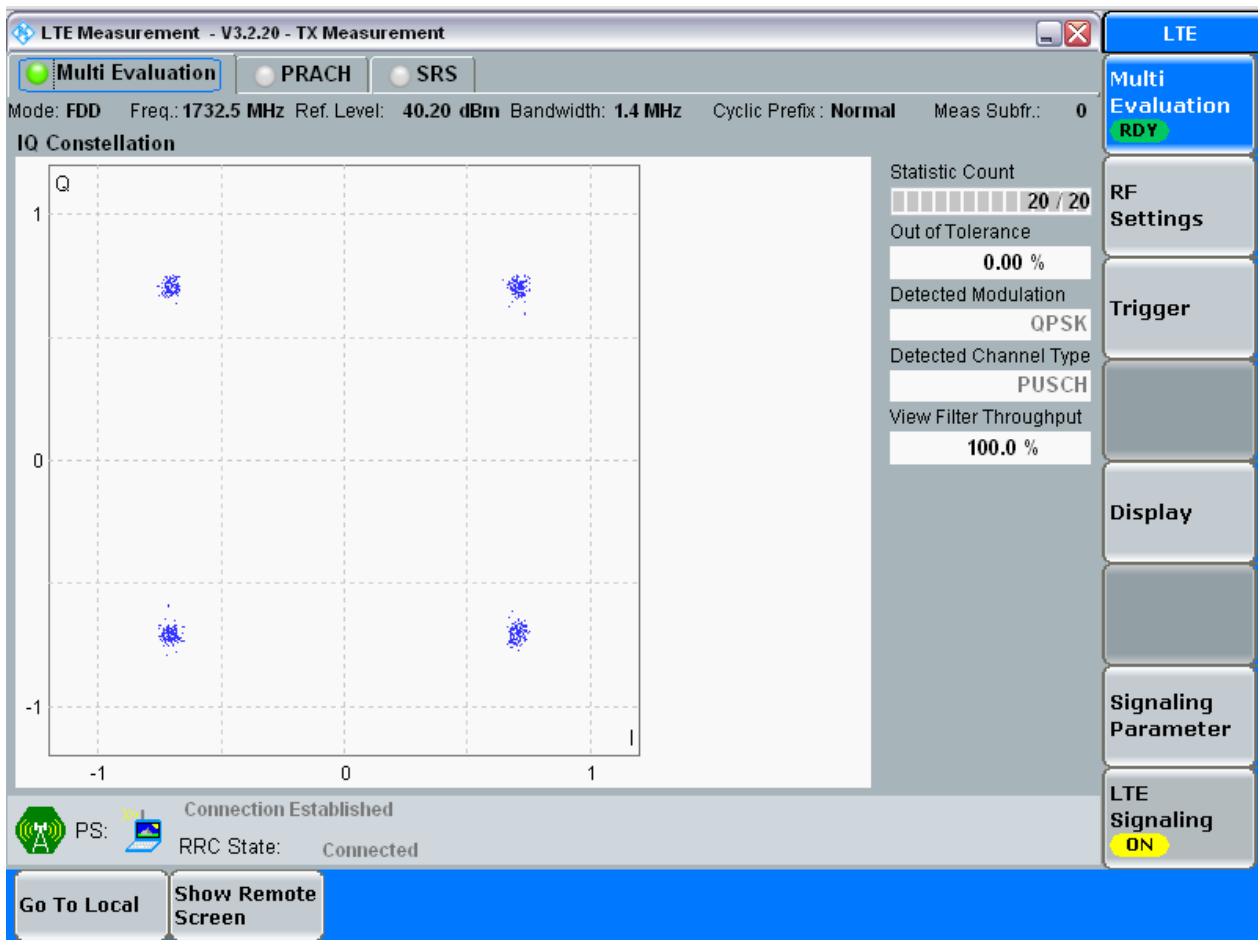
3.2.1.1.2 Test Bandwidth = 3

3.2.1.1.2.1 Test Channel = MCH

3.2.1.1.2.1.1 Test RB = RB15#0
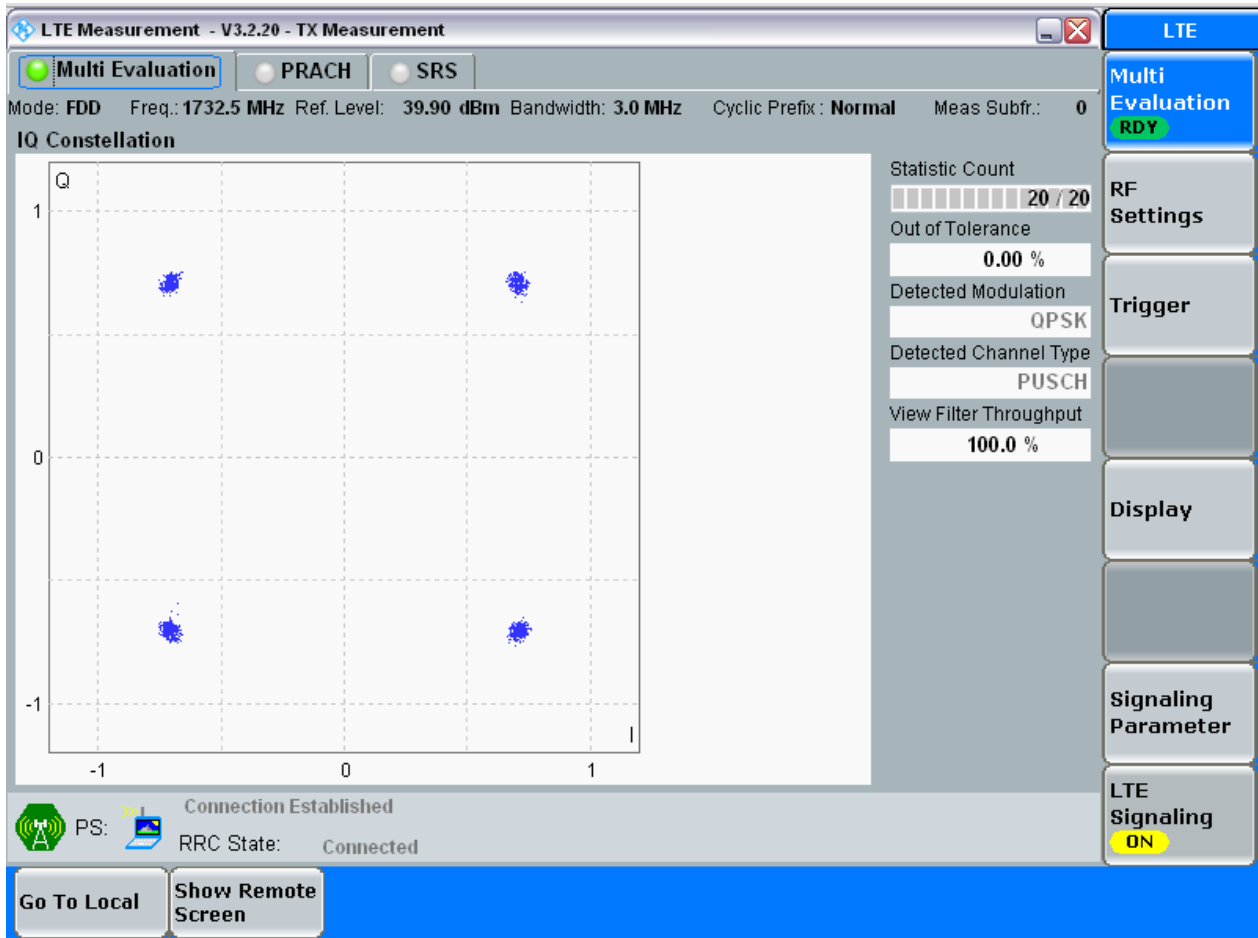
3.2.1.1.3 Test Bandwidth = 5

3.2.1.1.3.1 Test Channel = MCH

3.2.1.1.3.1.1 Test RB = RB25#0
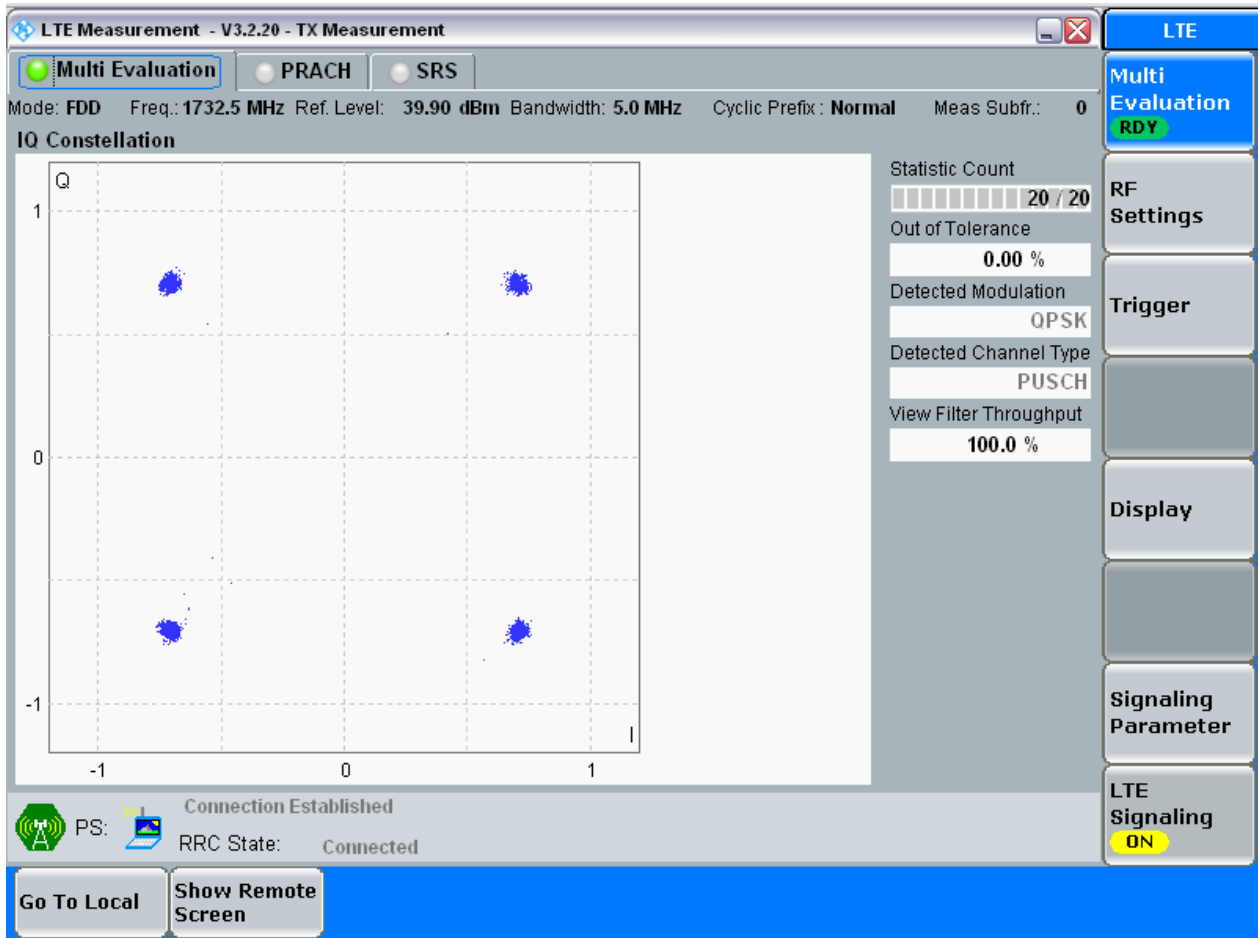
3.2.1.1.4 Test Bandwidth = 10

3.2.1.1.4.1 Test Channel = MCH

3.2.1.1.4.1.1 Test RB = RB50#0
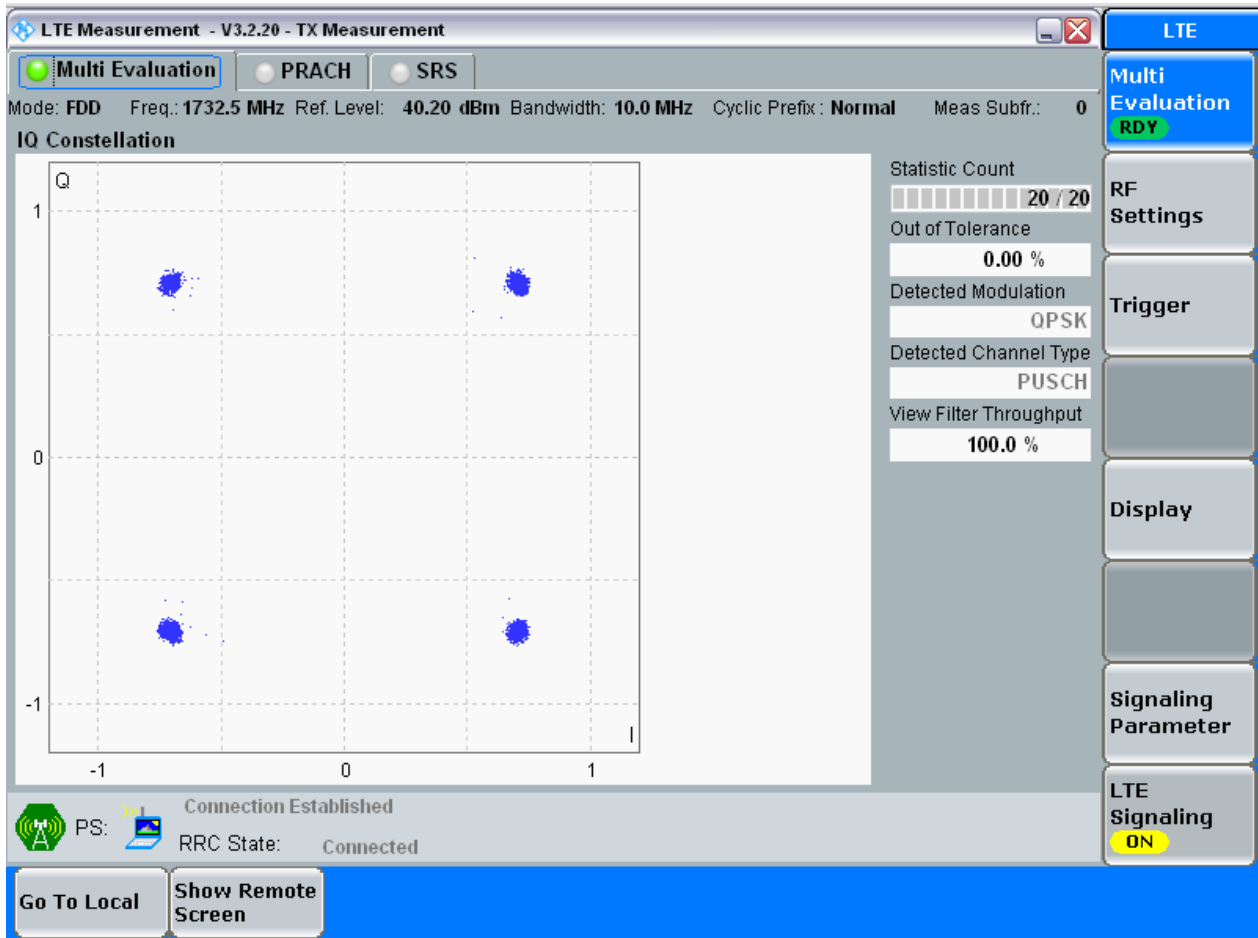
3.2.1.1.5 Test Bandwidth = 15

3.2.1.1.5.1 Test Channel = MCH

3.2.1.1.5.1.1 Test RB = RB75#0
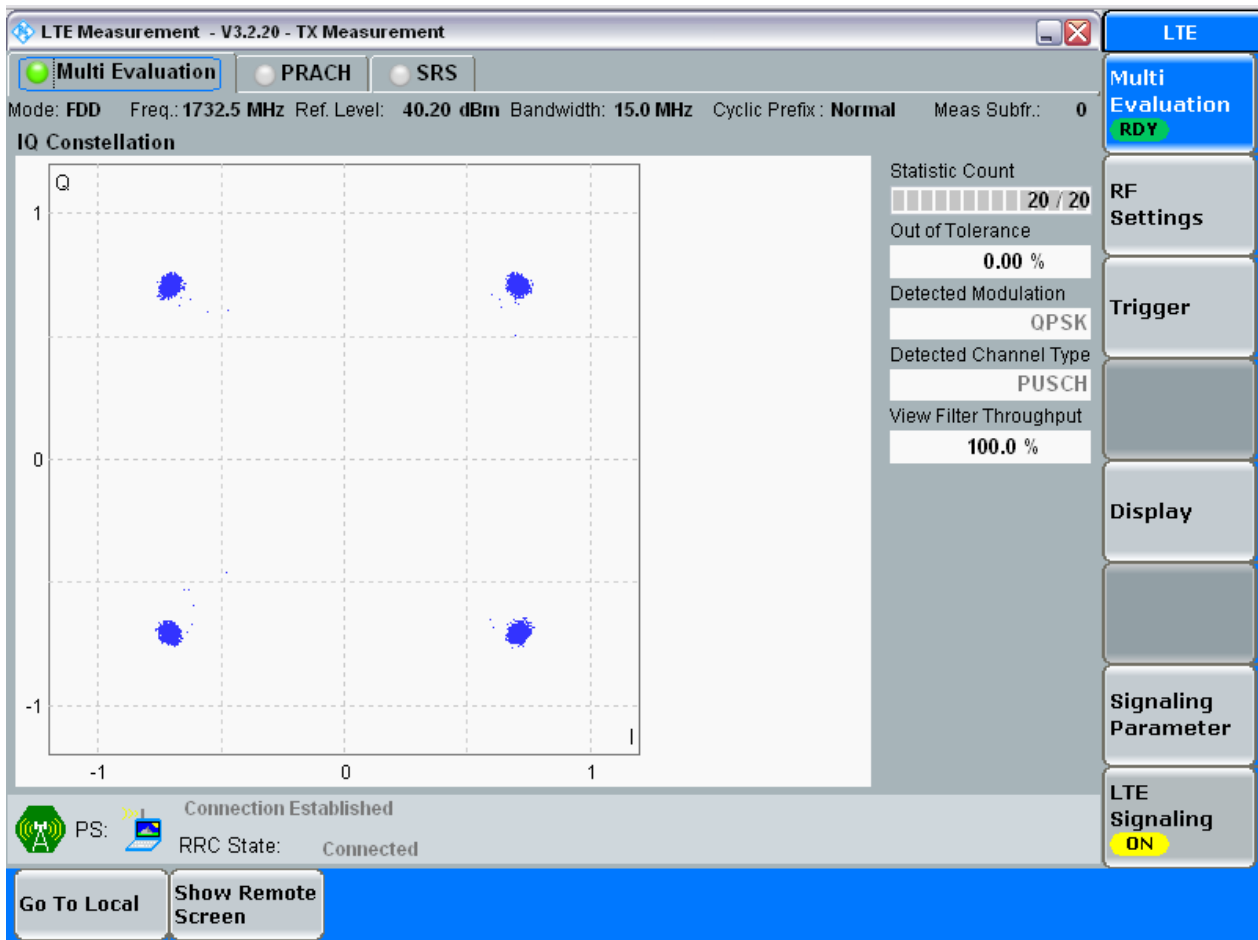
3.2.1.1.6 Test Bandwidth = 20

3.2.1.1.6.1 Test Channel = MCH

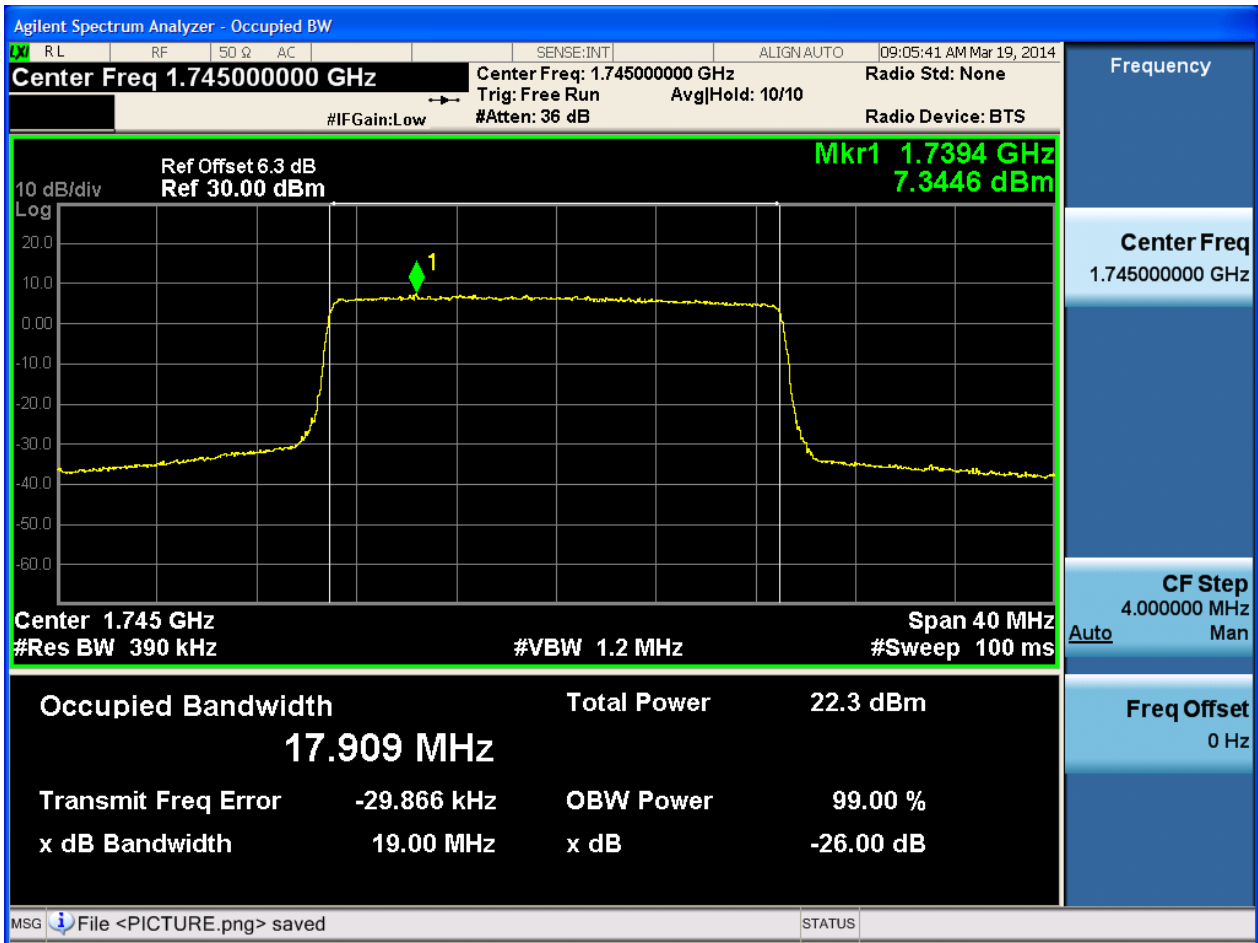### 3.2.1.1.6.1.1 Test RB = RB100#0
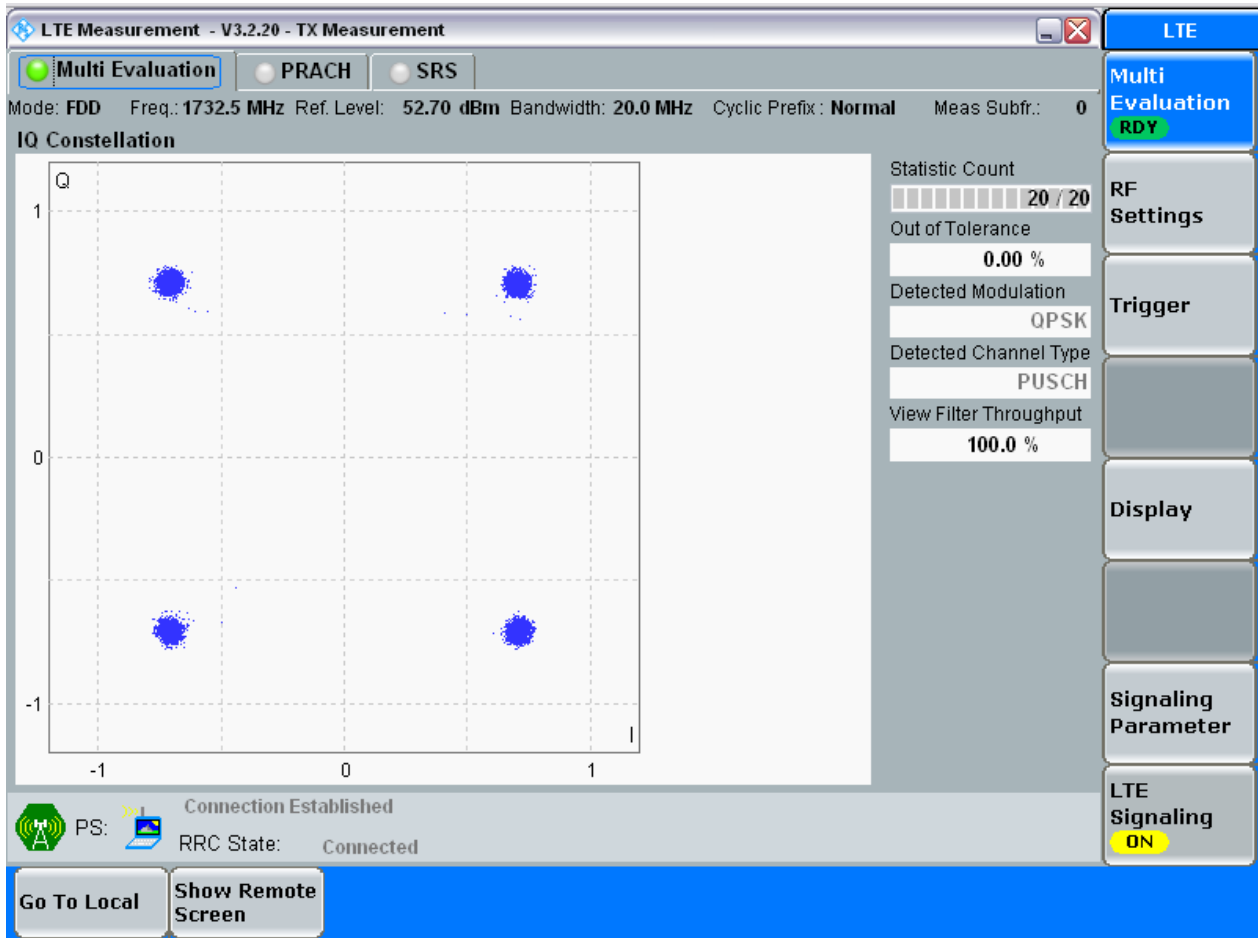
3.2.1.2 Test Mode = LTE/TM2

3.2.1.2.1 Test Bandwidth = 1.4
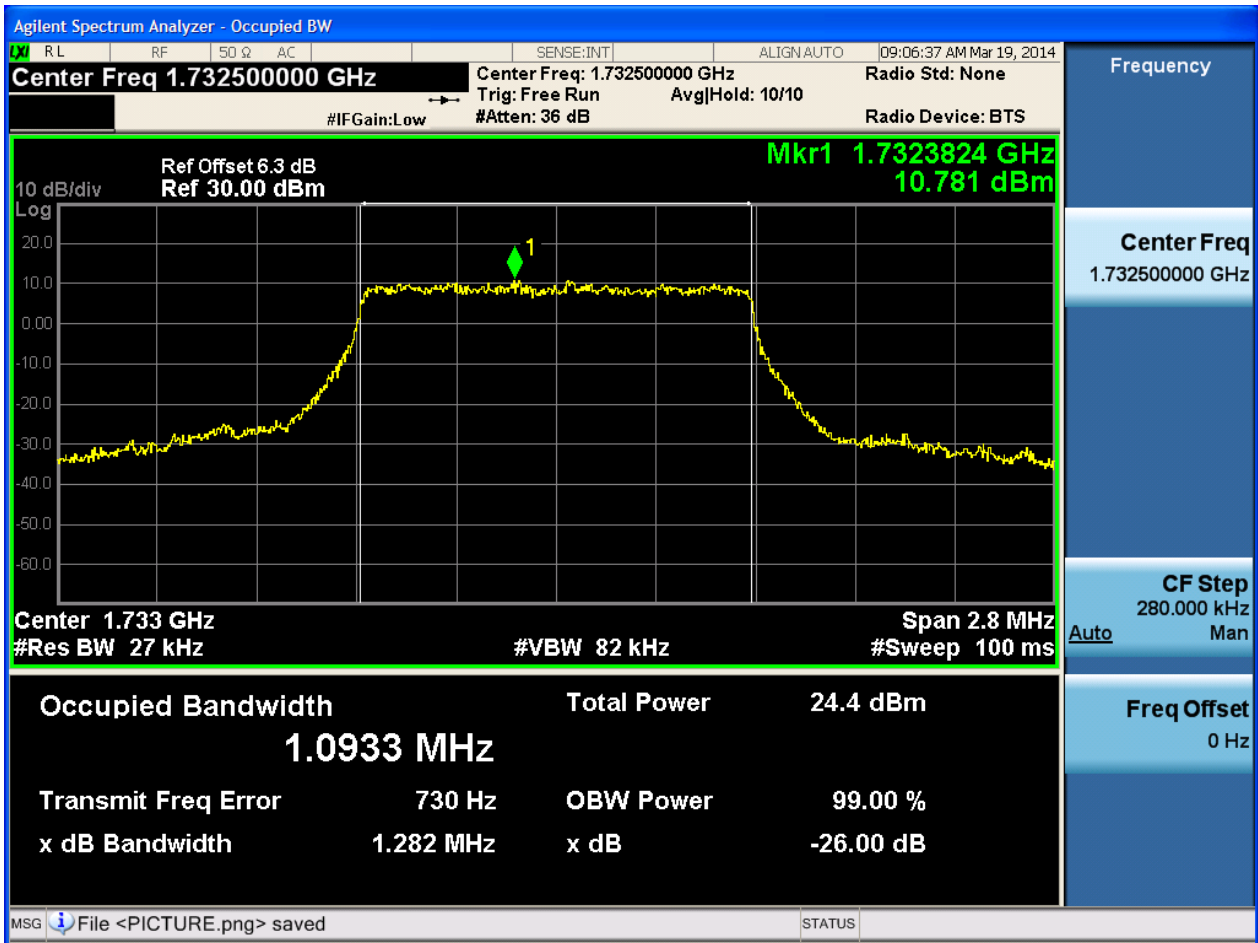
3.2.1.2.1.1 Test Channel = MCH

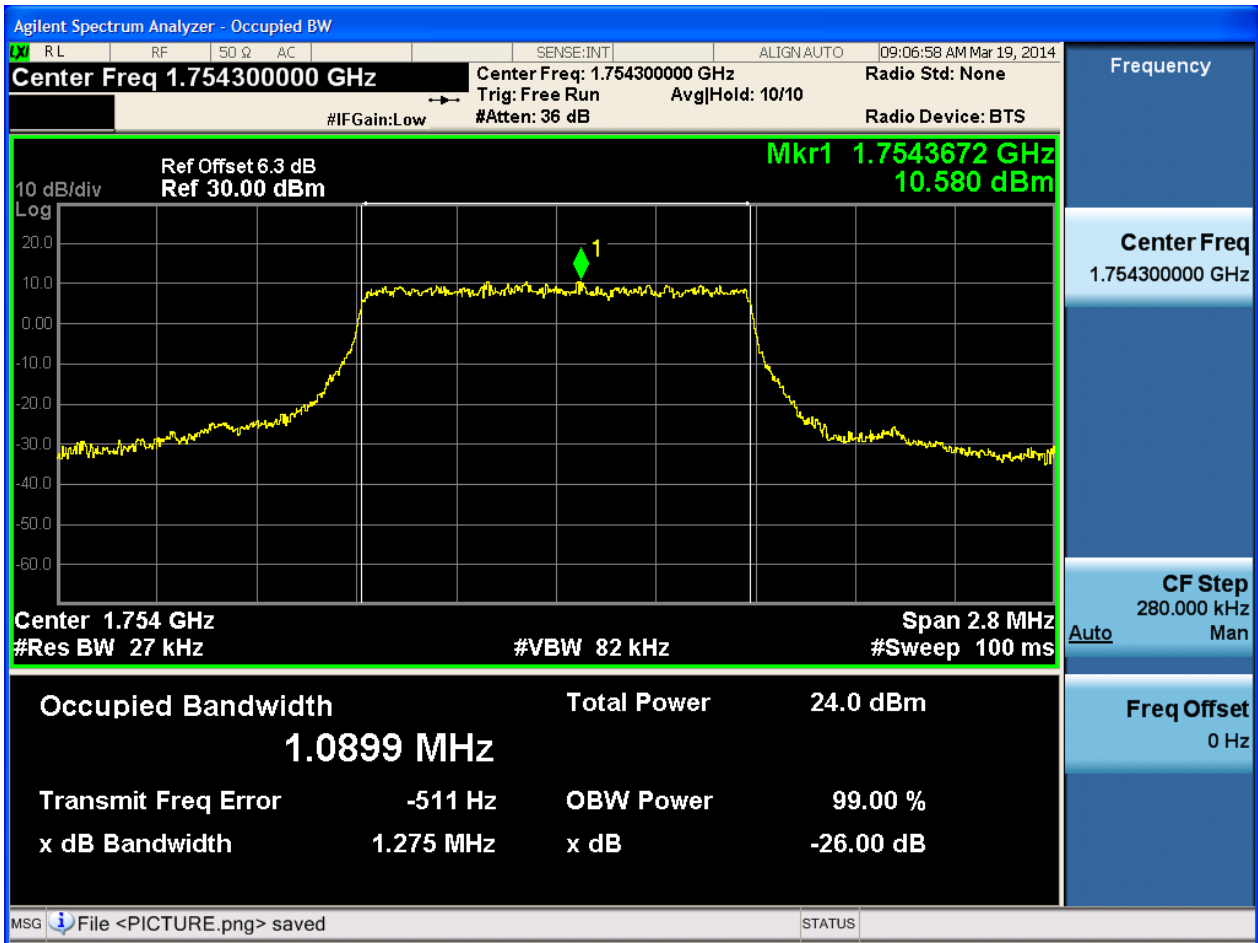### 3.2.1.2.1.1.1 Test RB = RB6#0
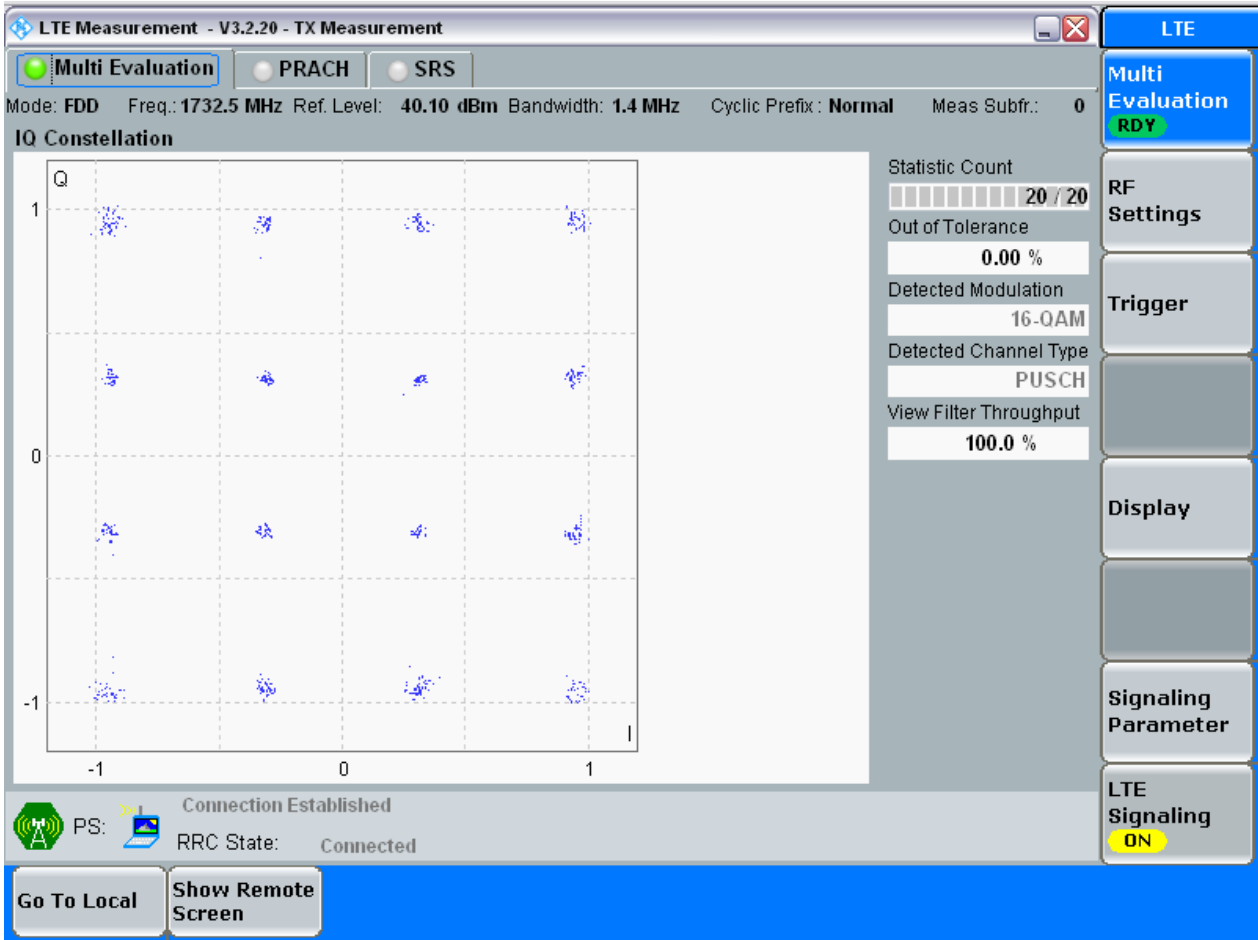
3.2.1.2.2 Test Bandwidth = 3

3.2.1.2.2.1 Test Channel = MCH

3.2.1.2.2.1.1 Test RB = RB15#0
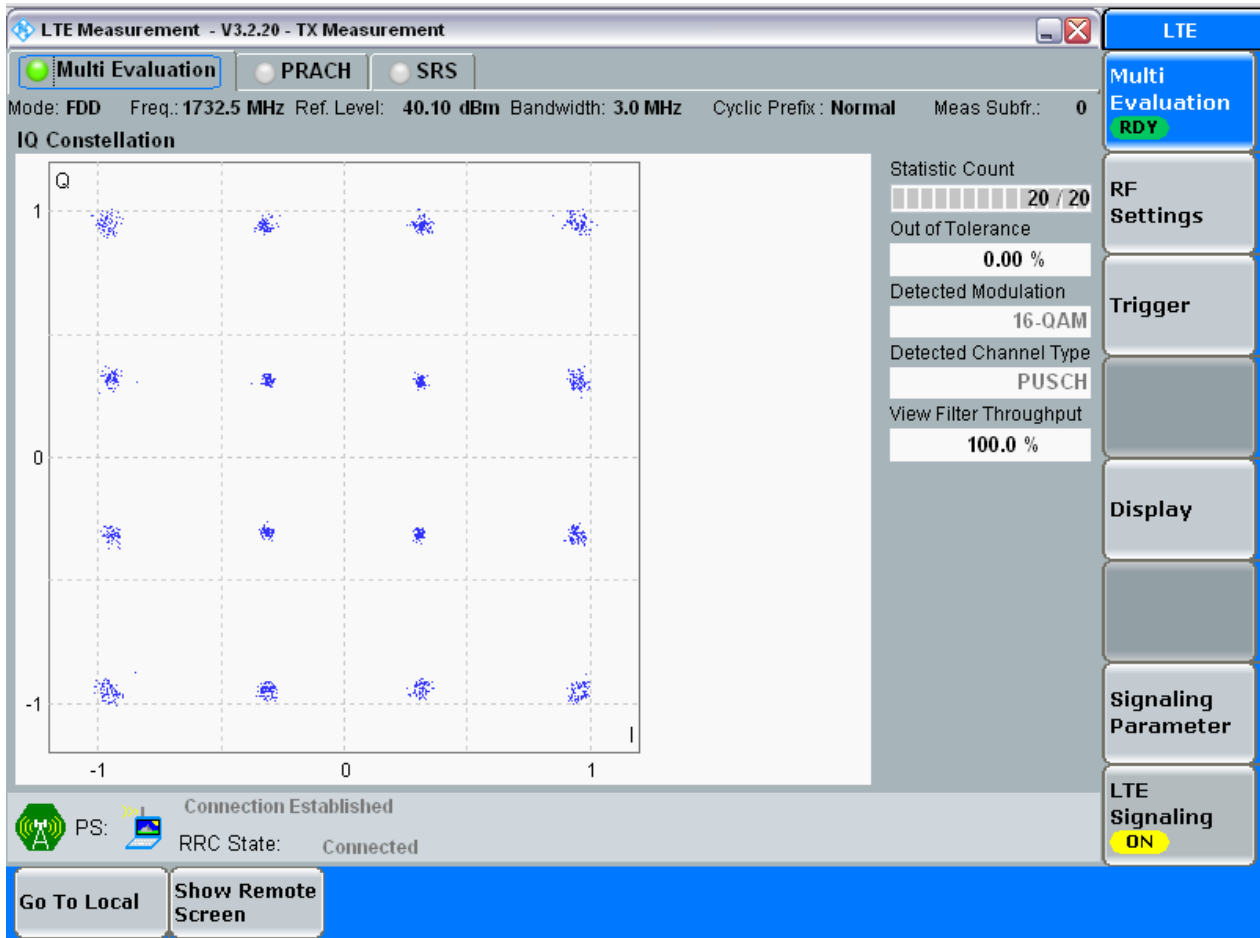
3.2.1.2.3 Test Bandwidth = 5

3.2.1.2.3.1 Test Channel = MCH

3.2.1.2.3.1.1 Test RB = RB25#0
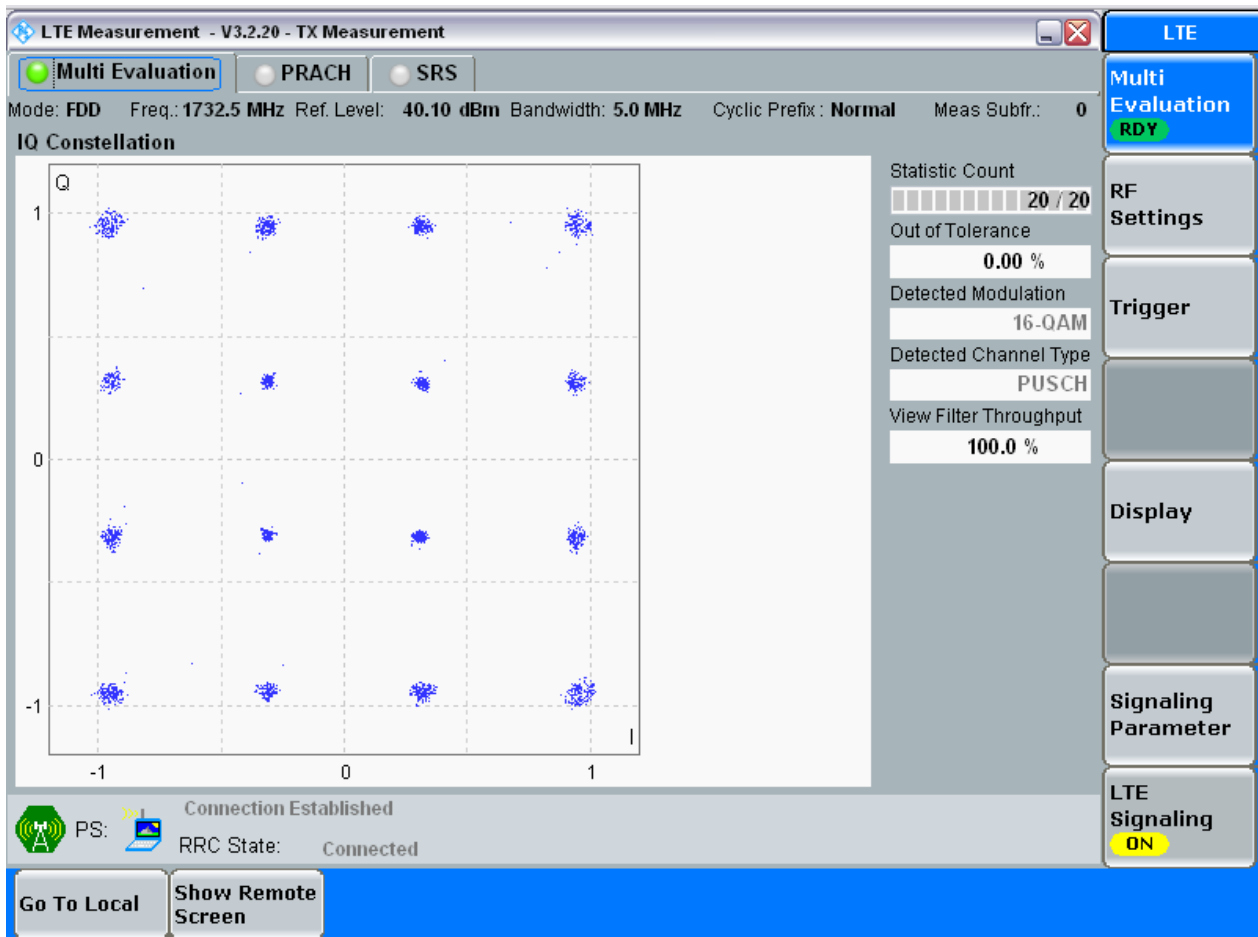
3.2.1.2.4 Test Bandwidth = 10

3.2.1.2.4.1 Test Channel = MCH

3.2.1.2.4.1.1 Test RB = RB50#0
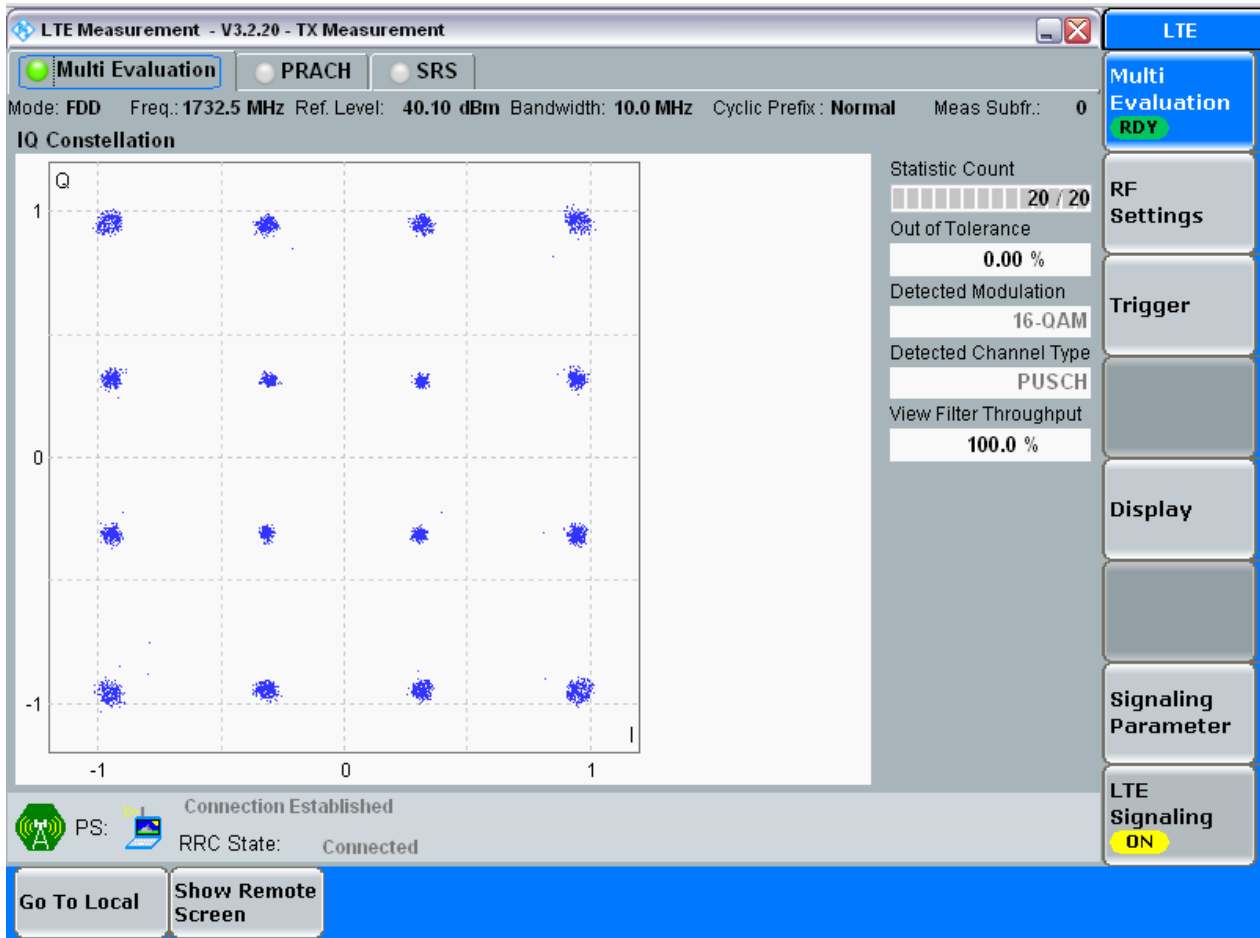
3.2.1.2.5 Test Bandwidth = 15

3.2.1.2.5.1 Test Channel = MCH

3.2.1.2.5.1.1 Test RB = RB75#0
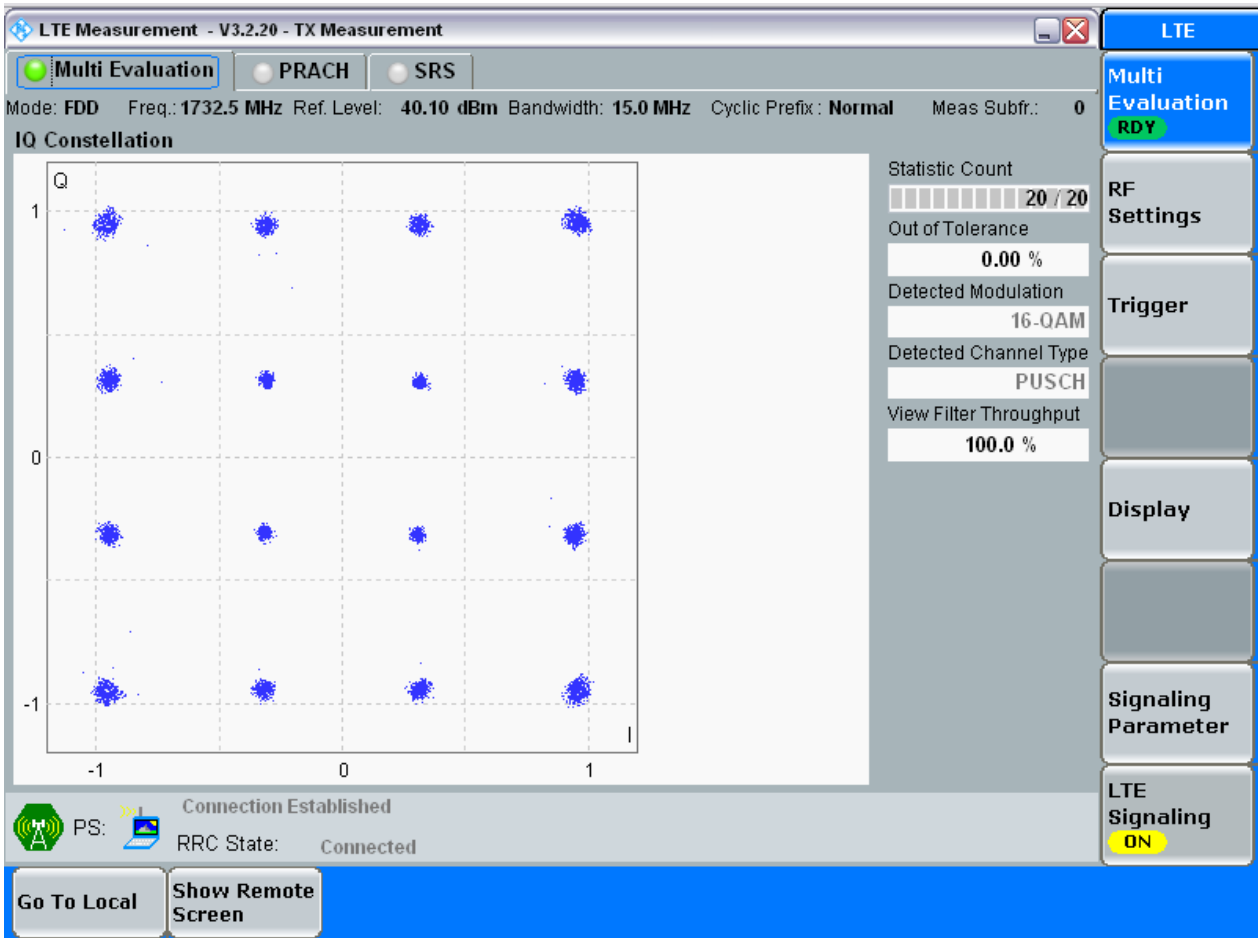
3.2.1.2.6 Test Bandwidth = 20

3.2.1.2.6.1 Test Channel = MCH

3.2.1.2.6.1.1 Test RB = RB100#0
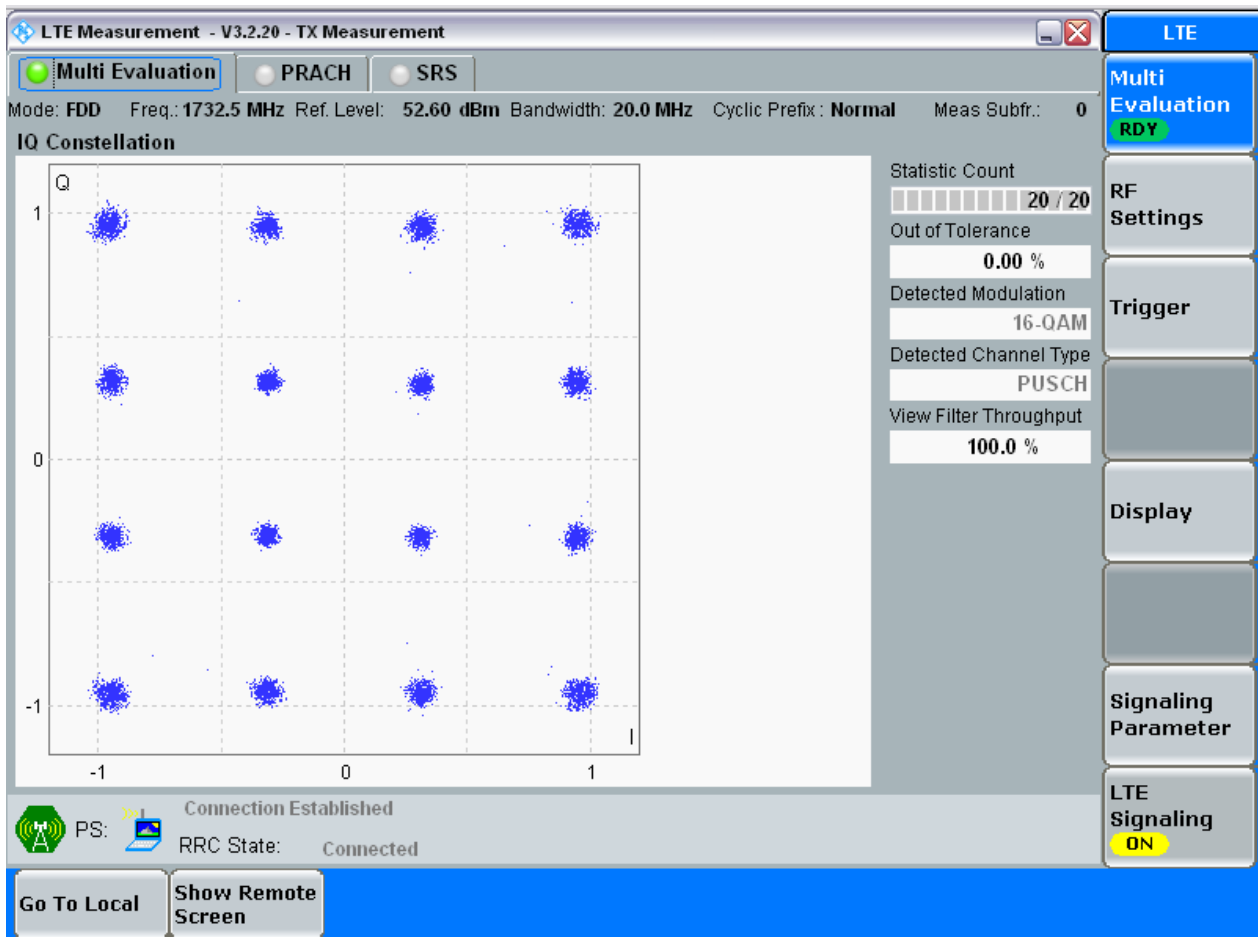
4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA1700	UMTS/TM1	LCH	4.15	4.67	Pass
		MCH	4.15	4.67	Pass
		HCH	4.16	4.66	Pass

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	1.27	Pass
			MCH	RB6#0	1.09	1.25	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.70	3.00	Pass
		5	LCH	RB25#0	4.49	4.88	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.92	Pass
		10	LCH	RB50#0	8.98	9.63	Pass
			MCH	RB50#0	8.98	9.59	Pass
			HCH	RB50#0	8.97	9.58	Pass
		15	LCH	RB75#0	13.47	14.30	Pass
			MCH	RB75#0	13.47	14.31	Pass
			HCH	RB75#0	13.45	14.26	Pass
		20	LCH	RB100#0	17.93	18.98	Pass
			MCH	RB100#0	17.92	19.00	Pass
			HCH	RB100#0	17.91	19.00	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.28	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.50	4.89	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB25#0	4.50	4.90	Pass
			HCH	RB25#0	4.51	4.93	Pass
		10	LCH	RB50#0	8.97	9.61	Pass
			MCH	RB50#0	8.97	9.52	Pass
			HCH	RB50#0	8.99	9.56	Pass
		15	LCH	RB75#0	13.45	14.29	Pass
			MCH	RB75#0	13.45	14.29	Pass
			HCH	RB75#0	13.45	14.28	Pass
		20	LCH	RB100#0	17.93	18.98	Pass
			MCH	RB100#0	17.94	18.98	Pass
			HCH	RB100#0	17.90	18.97	Pass

Part II - Test Plots

4.1 For UMTS

4.1.1 Test Band = WCDMA1700

4.1.1.1 Test Mode = UMTS/TM1

4.1.1.1.1 Test Channel = LCH
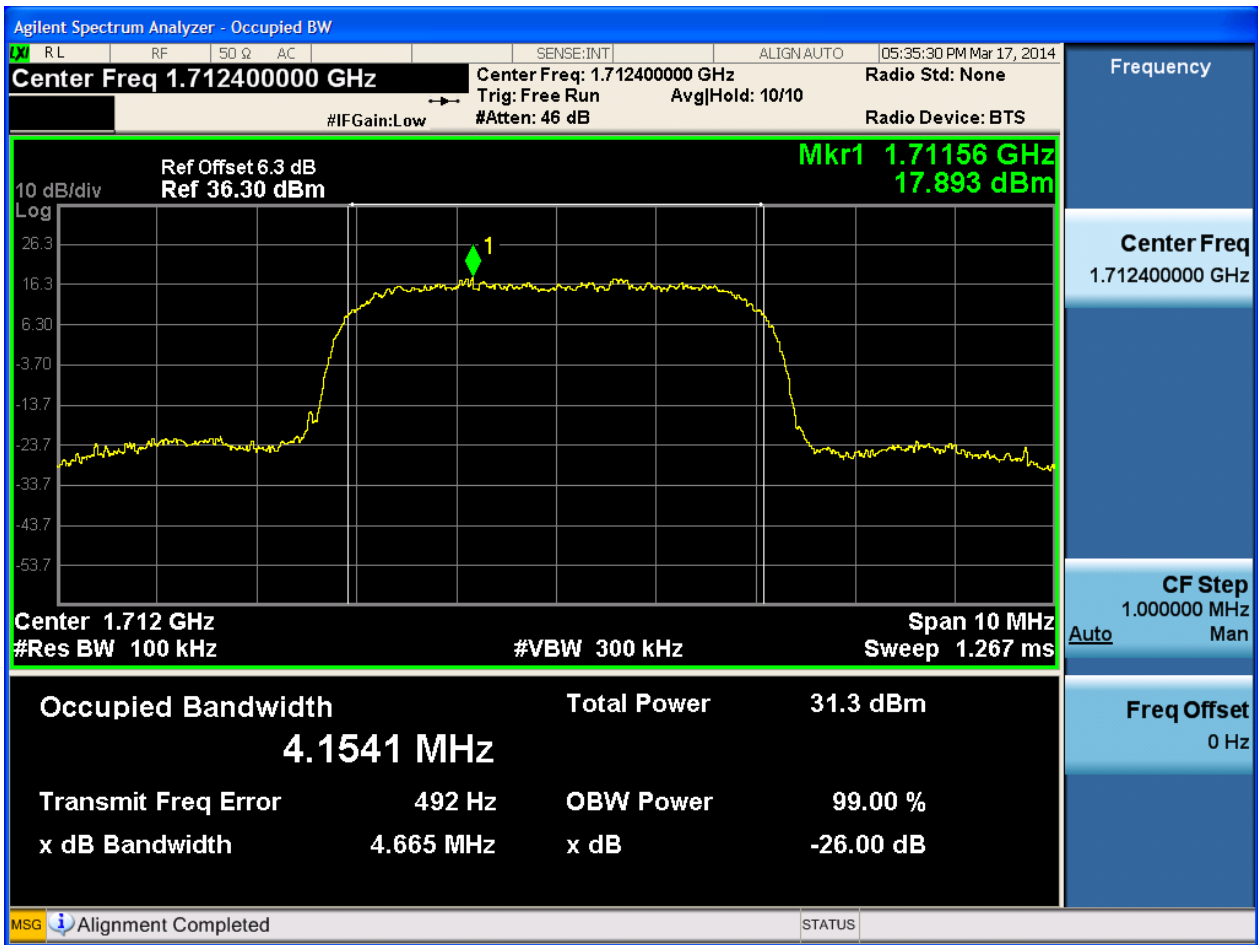
4.1.1.1.2 Test Channel = MCH
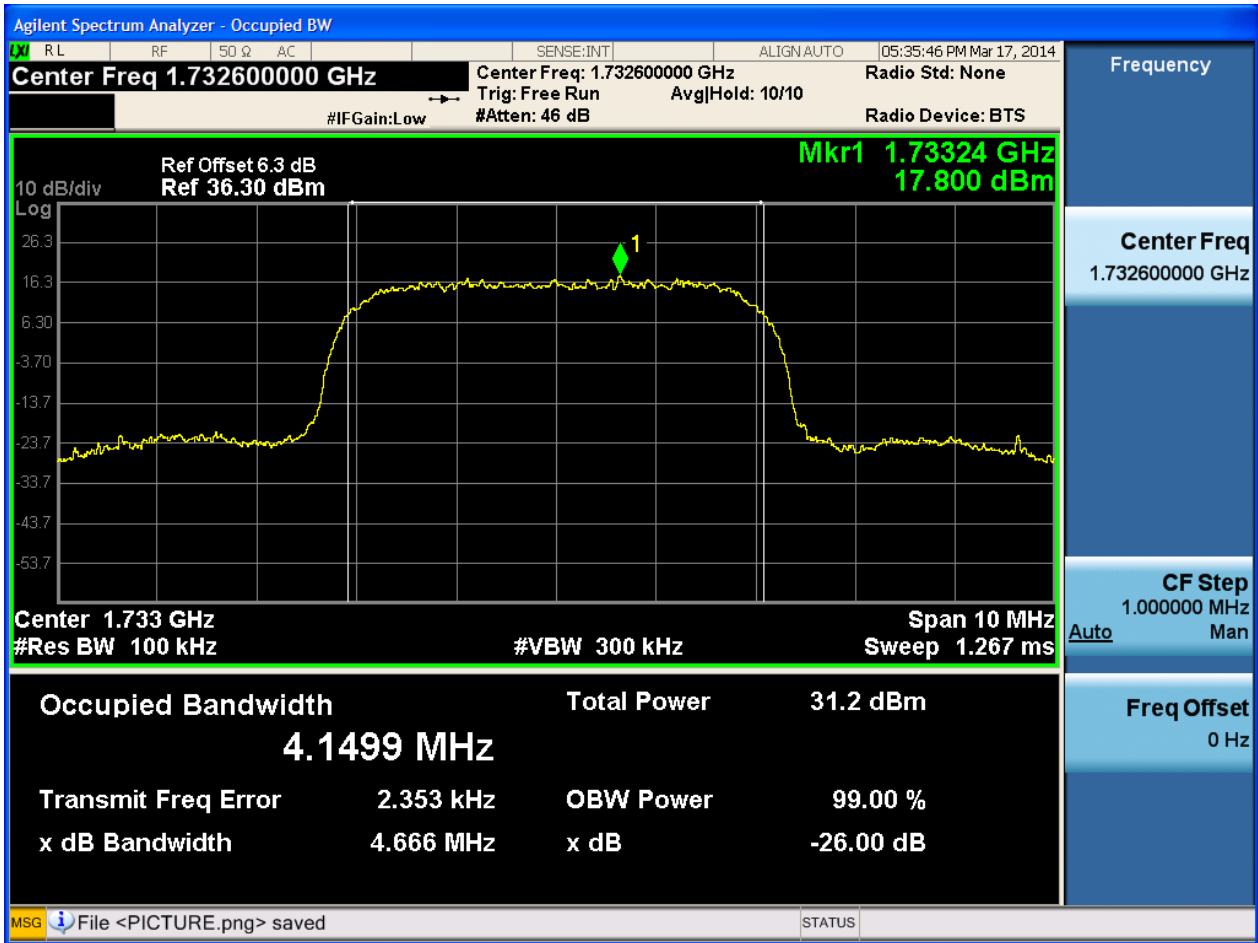
4.1.1.1.3 Test Channel = HCH
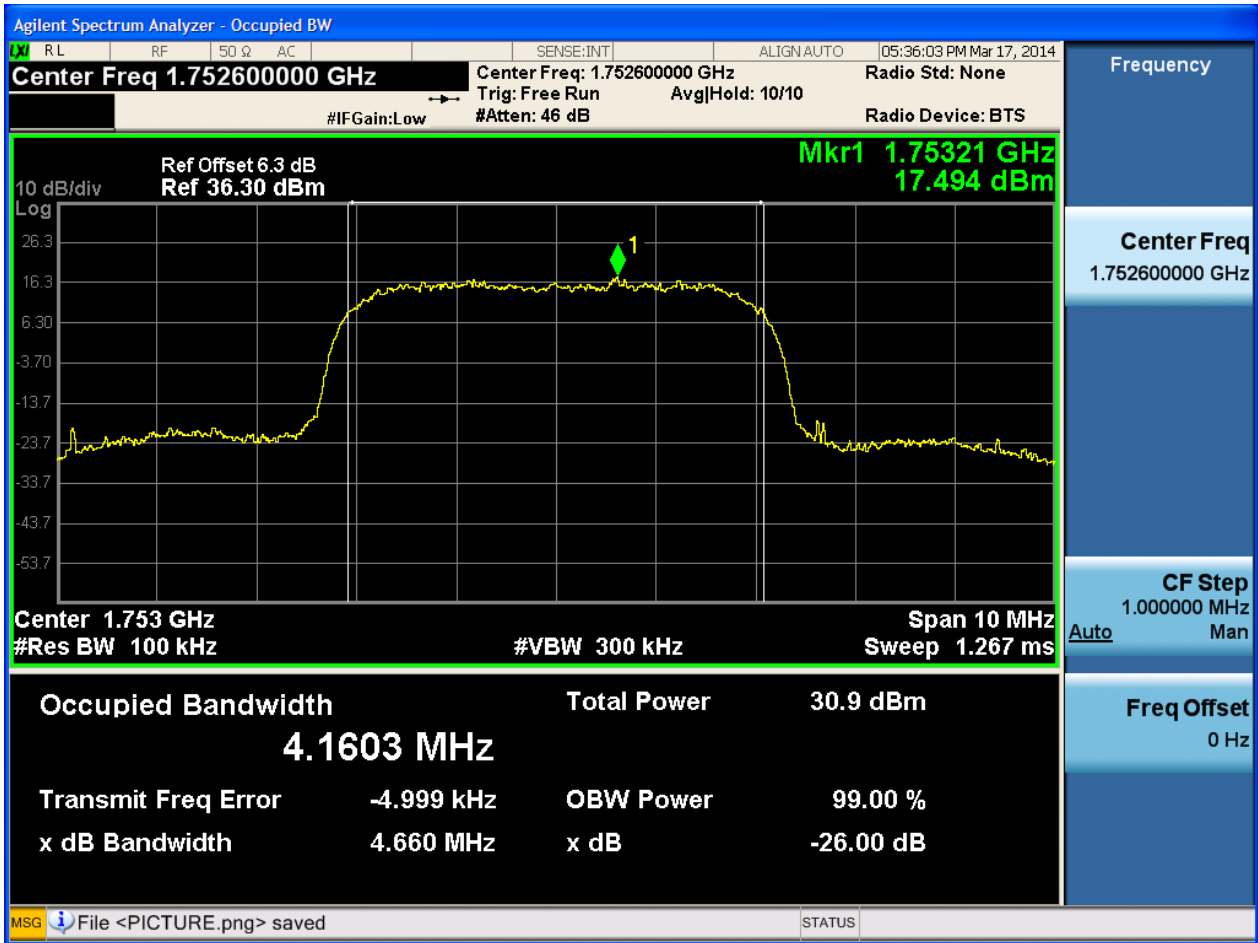
4.2 For LTE

4.2.1 Test Band = BAND4

4.2.1.1 Test Mode = LTE/TM1

4.2.1.1.1 Test Bandwidth = 1.4

4.2.1.1.1.1 Test Channel = LCH

###### 4.2.1.1.1.1.1 Test RB = RB6#0
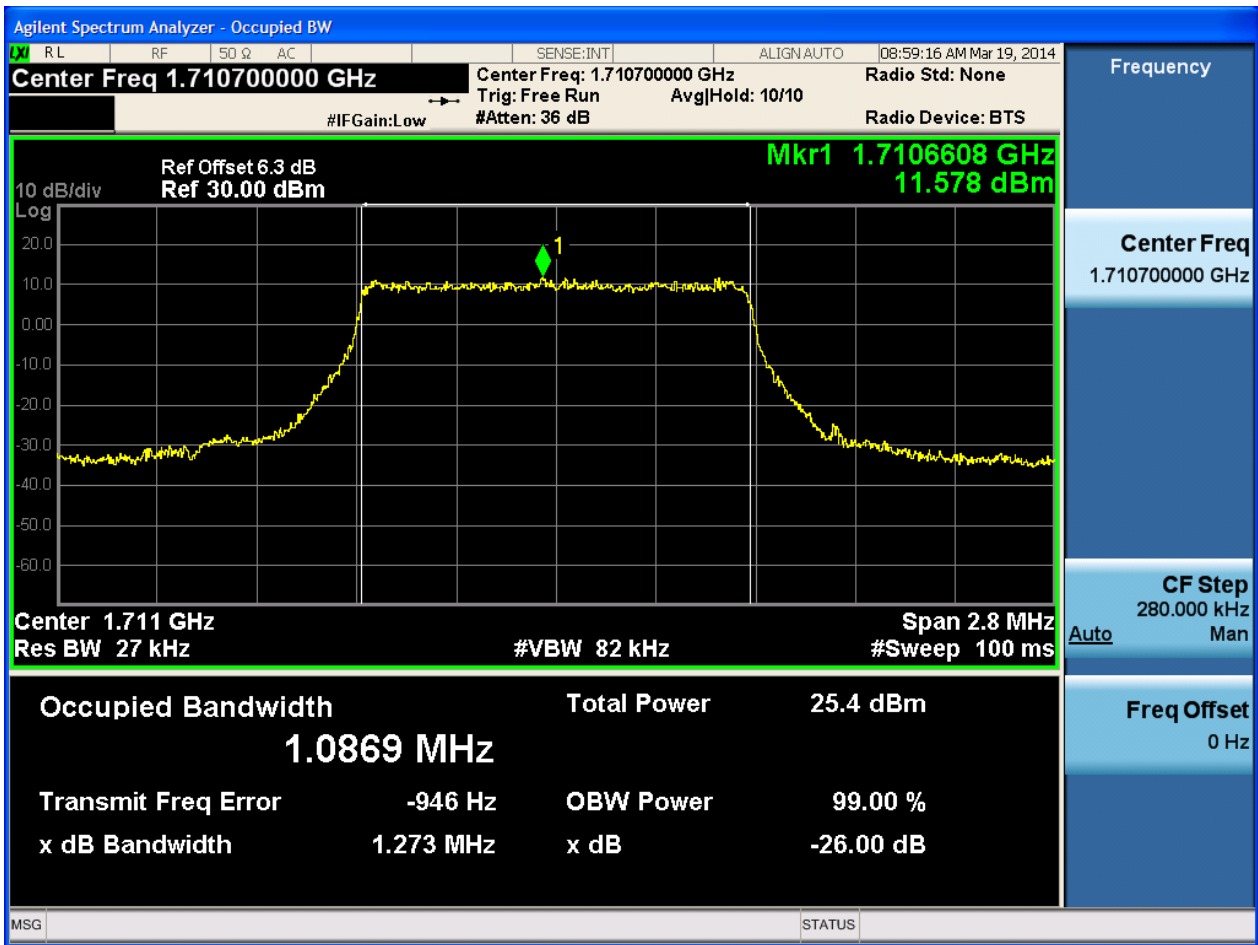
4.2.1.1.1.2 Test Channel = MCH

4.2.1.1.1.2.1 Test RB = RB6#0
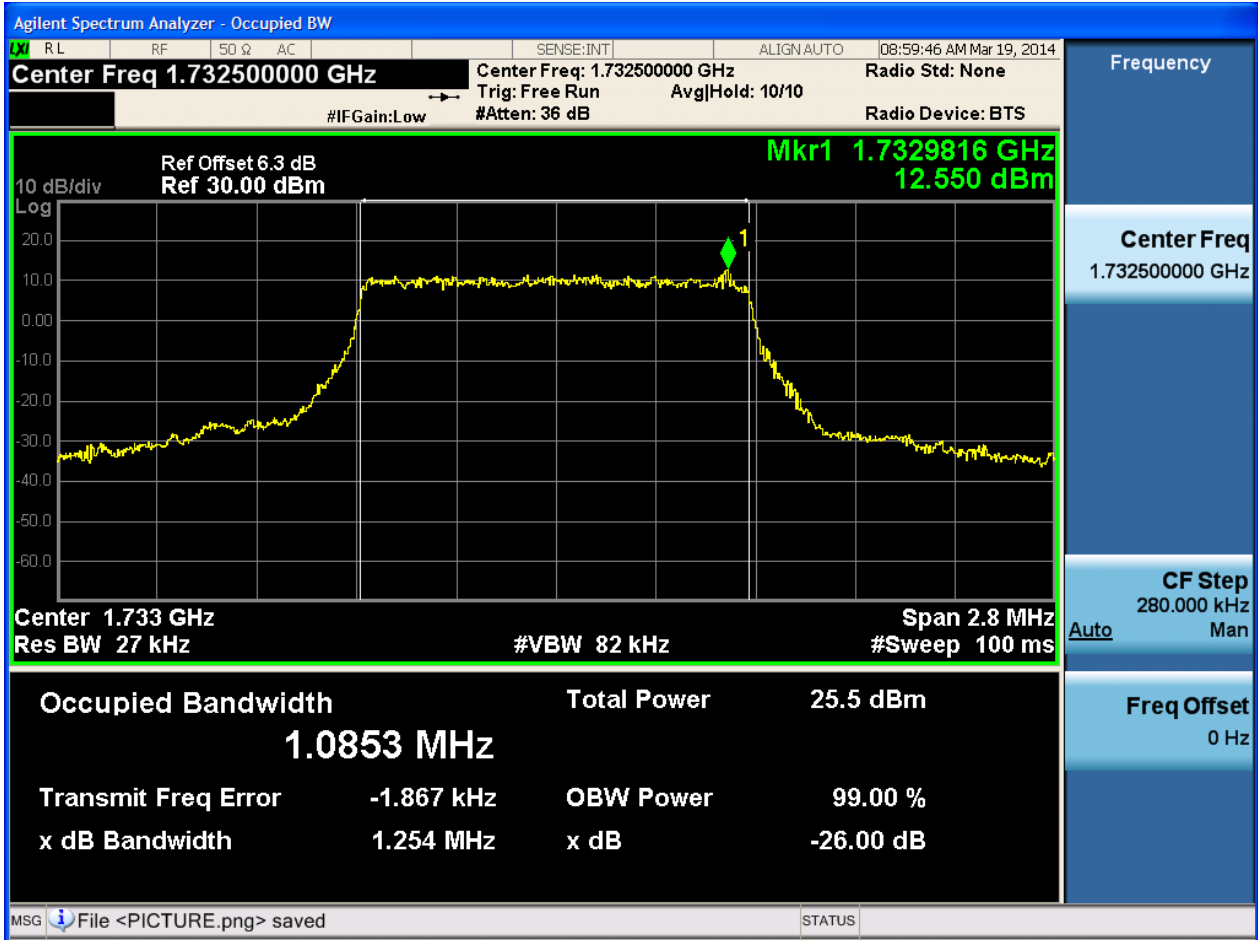
4.2.1.1.1.3 Test Channel = HCH

4.2.1.1.1.3.1 Test RB = RB6#0
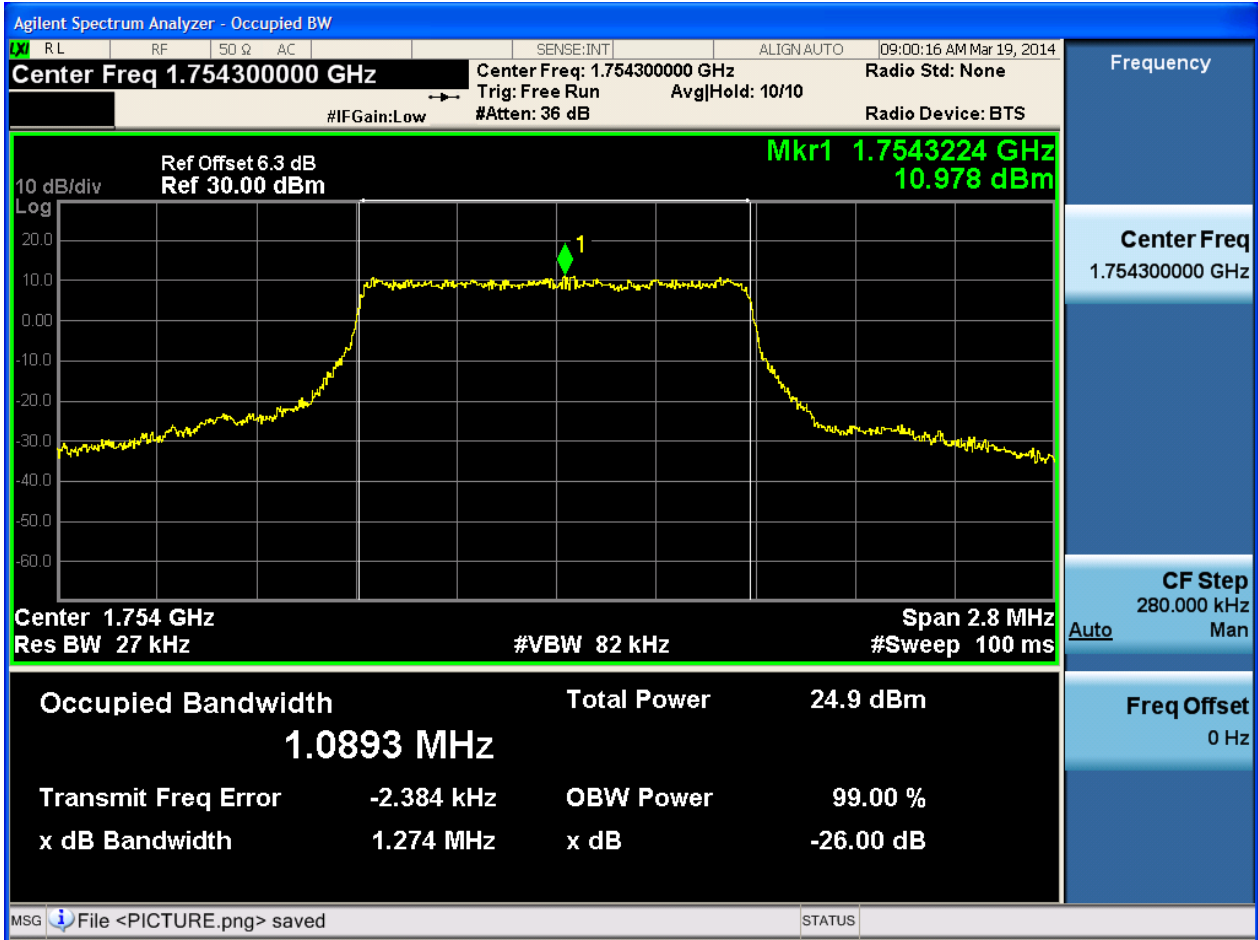
4.2.1.1.2 Test Bandwidth = 3

4.2.1.1.2.1 Test Channel = LCH

4.2.1.1.2.1.1 Test RB = RB15#0
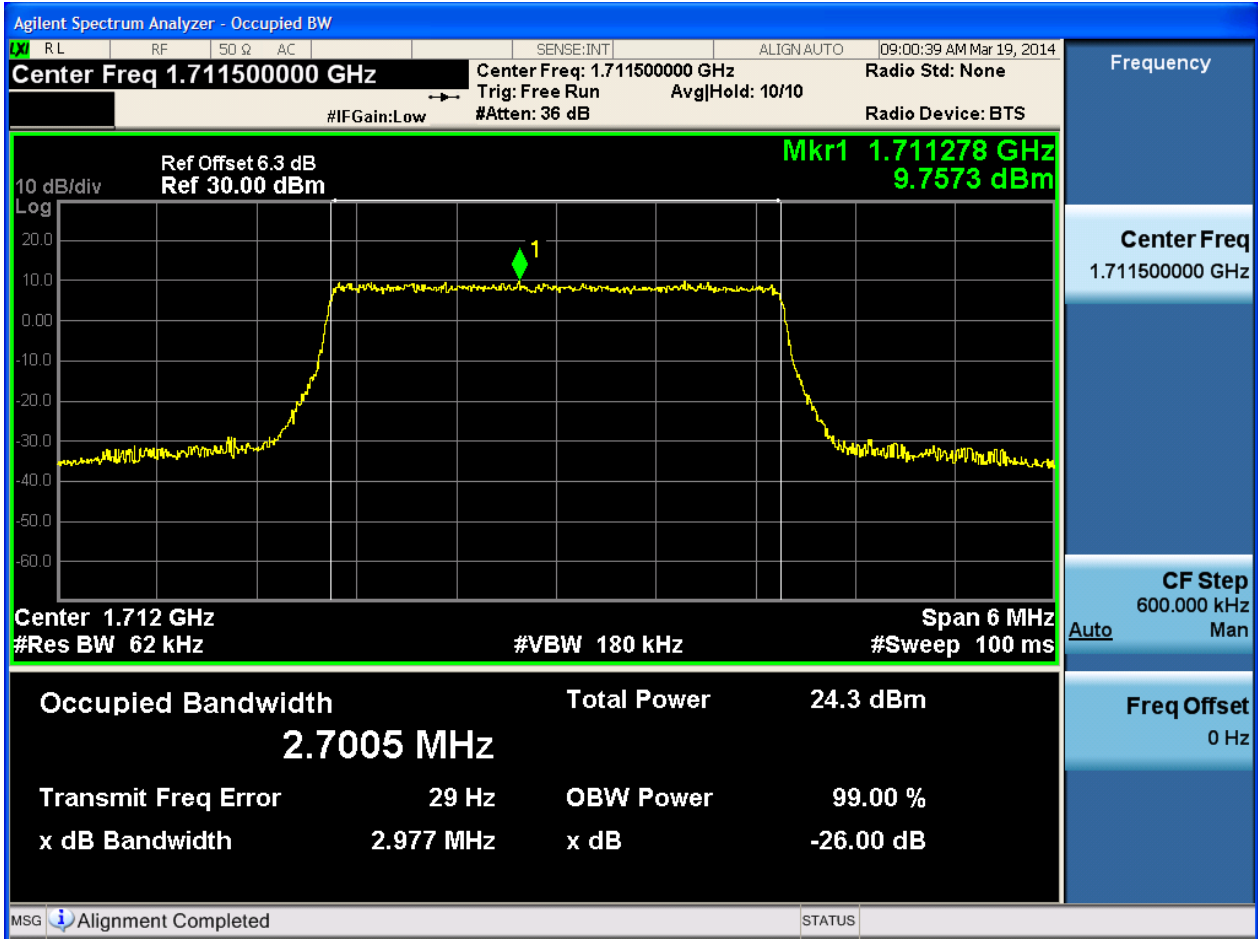
4.2.1.1.2.2 Test Channel = MCH

4.2.1.1.2.2.1 Test RB = RB15#0
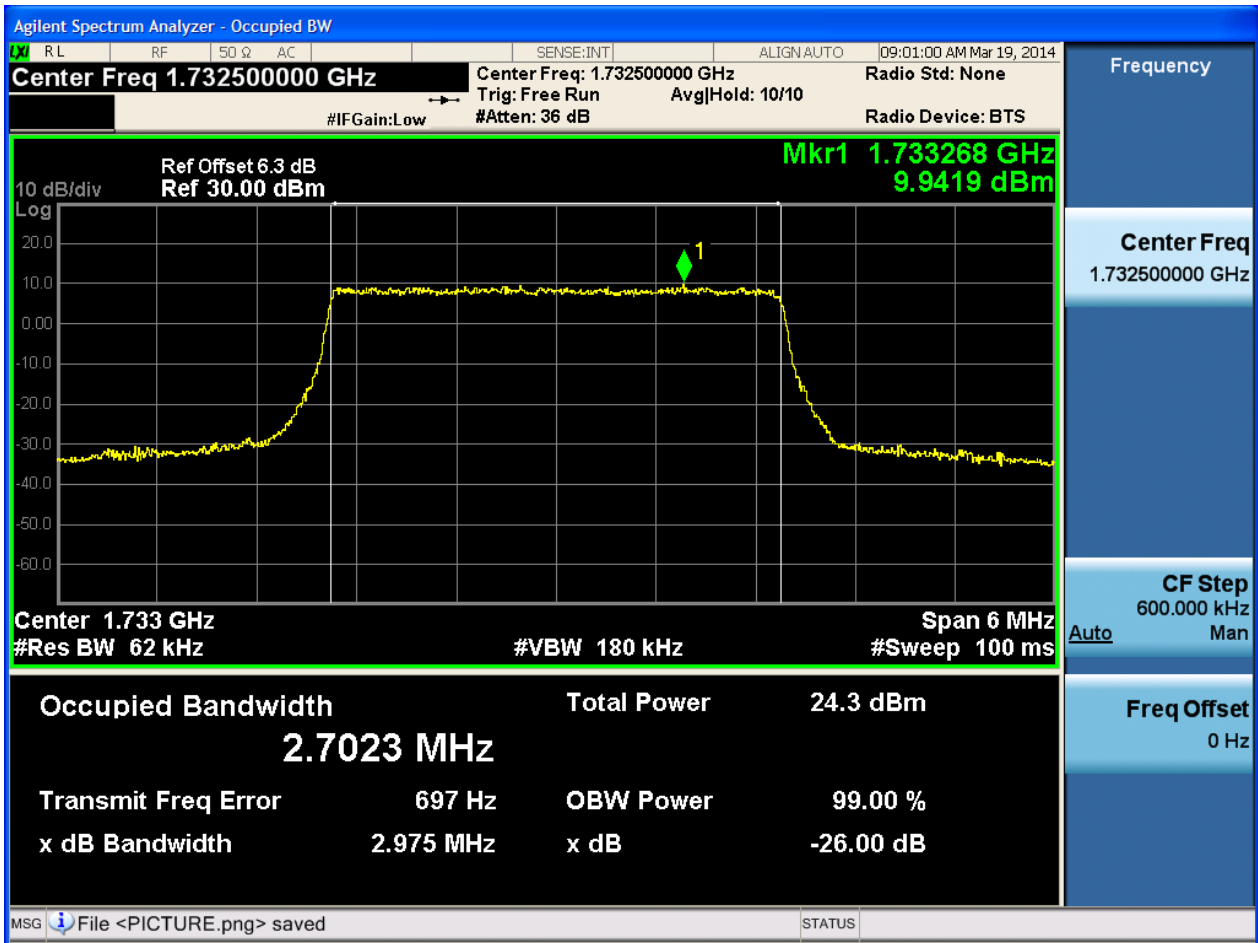
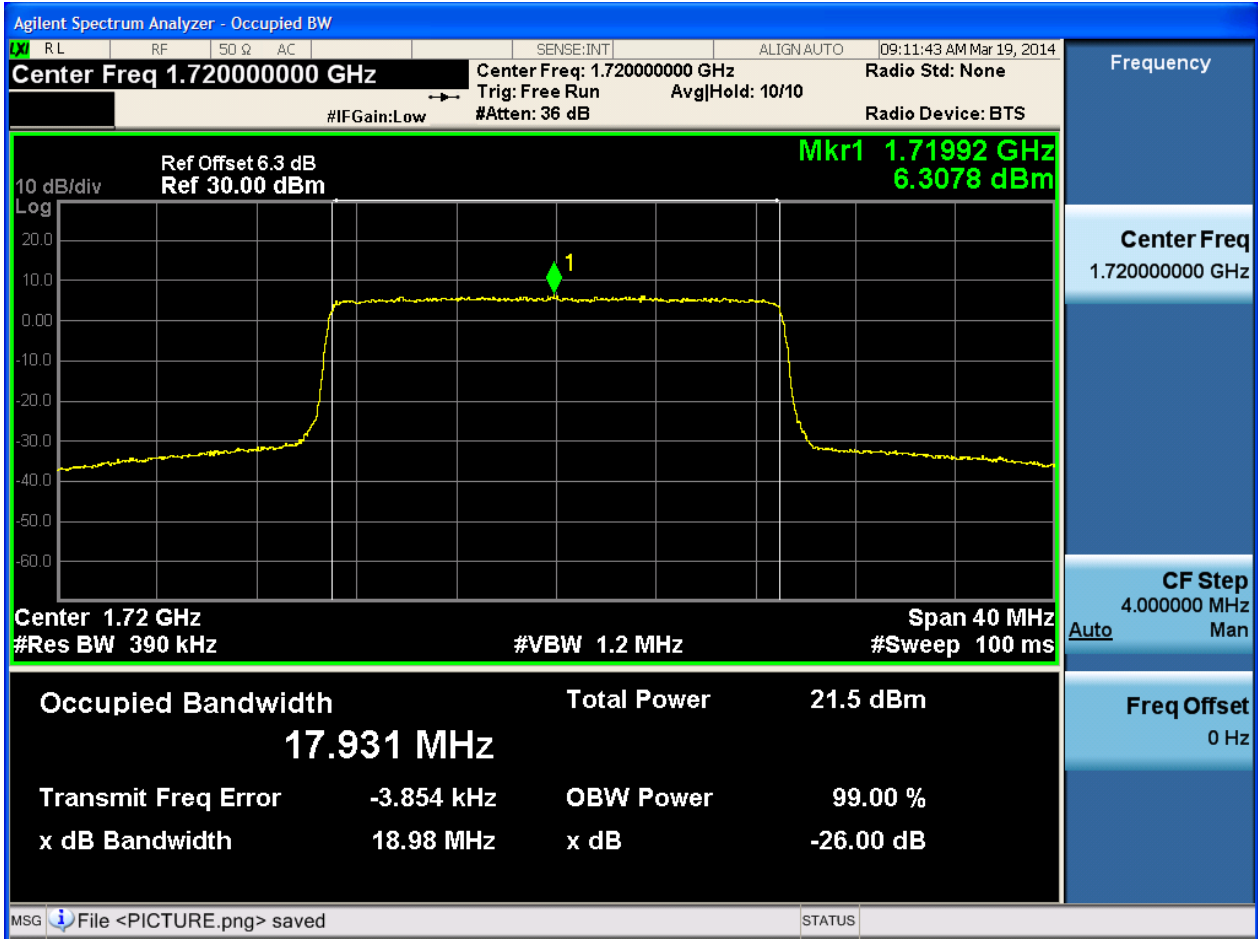## 4.2.1.1.2.3 Test Channel = HCH

4.2.1.1.2.3.1 Test RB = RB15#0
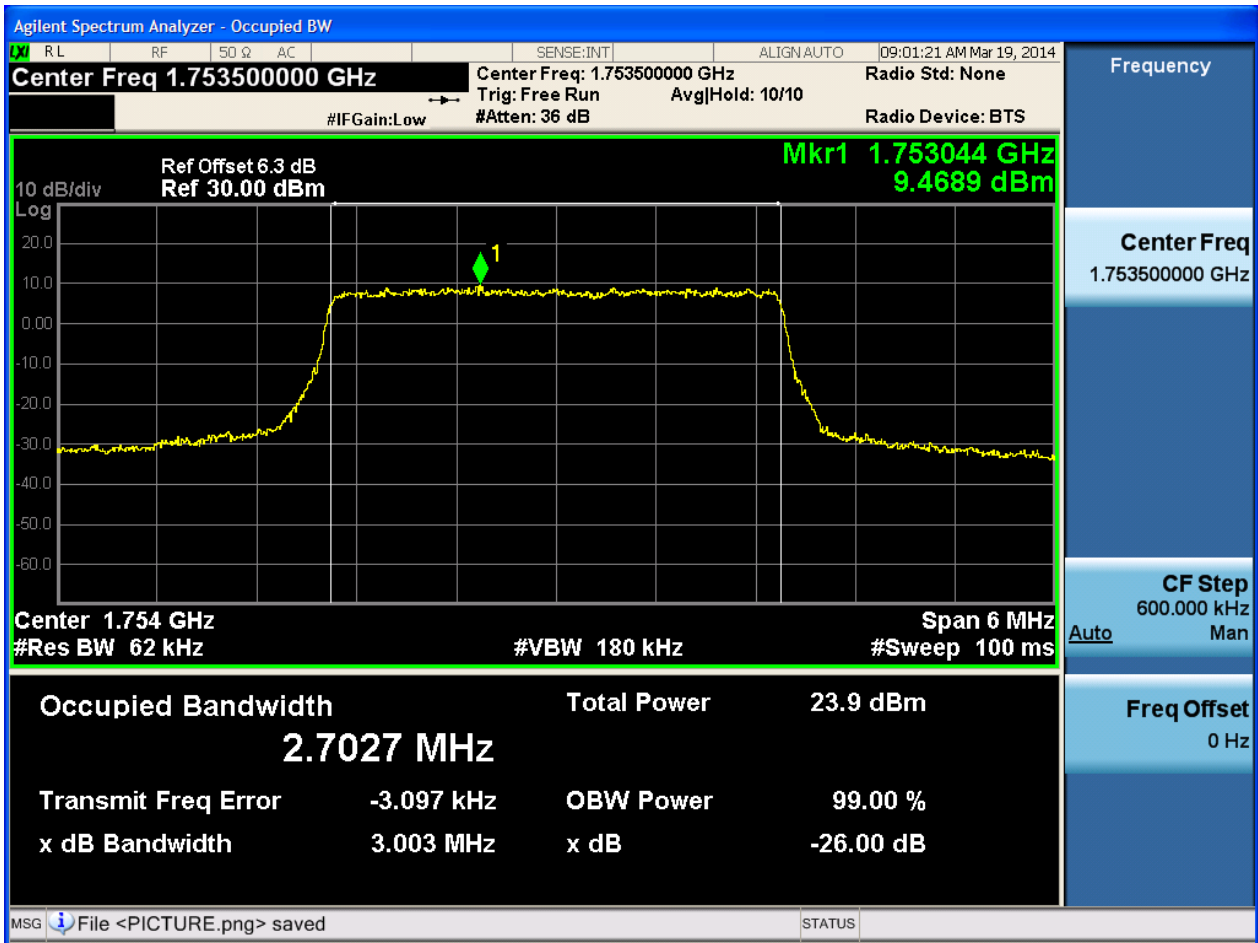
4.2.1.1.3 Test Bandwidth = 5

4.2.1.1.3.1 Test Channel = LCH

4.2.1.1.3.1.1 Test RB = RB25#0
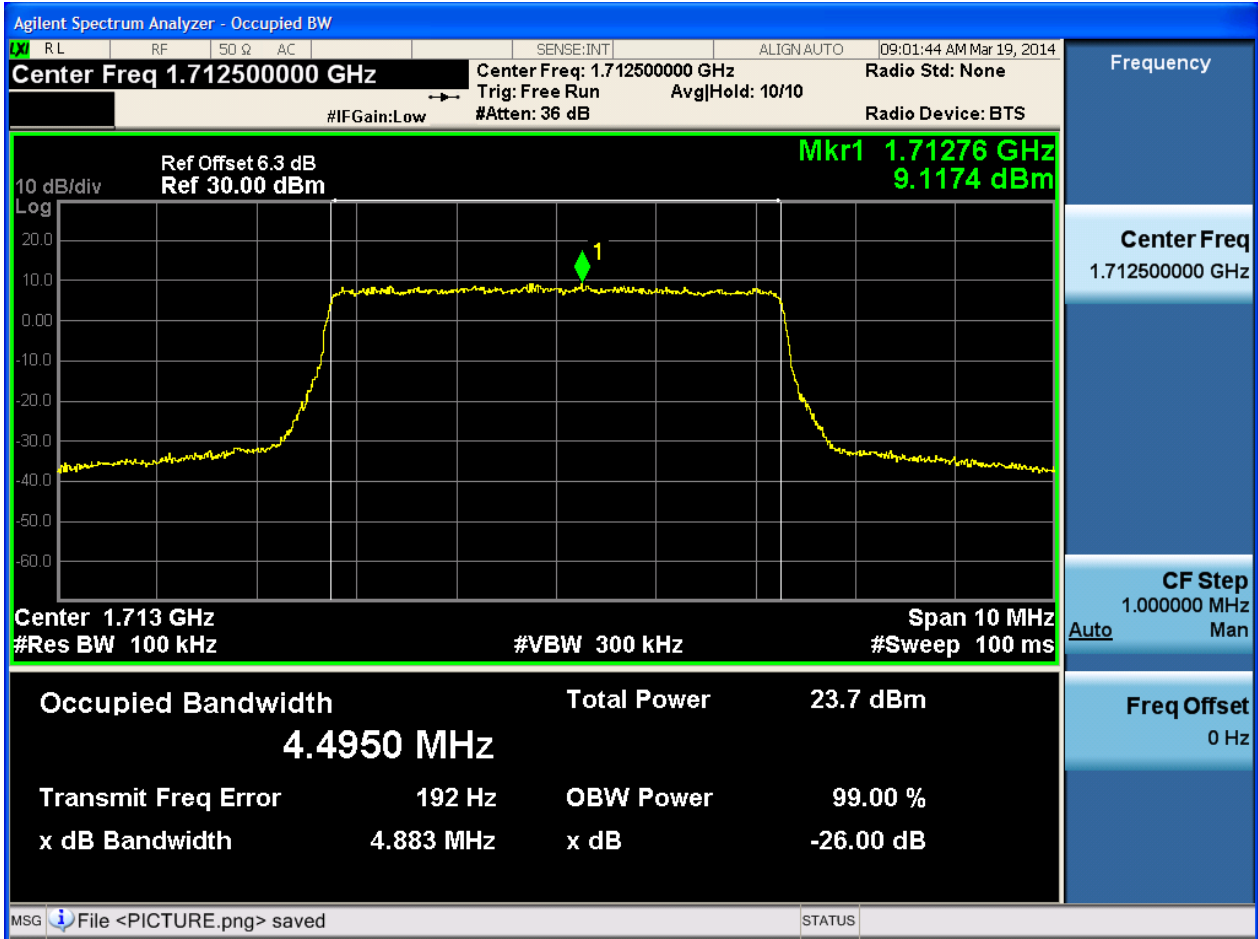
4.2.1.1.3.2 Test Channel = MCH

4.2.1.1.3.2.1 Test RB = RB25#0
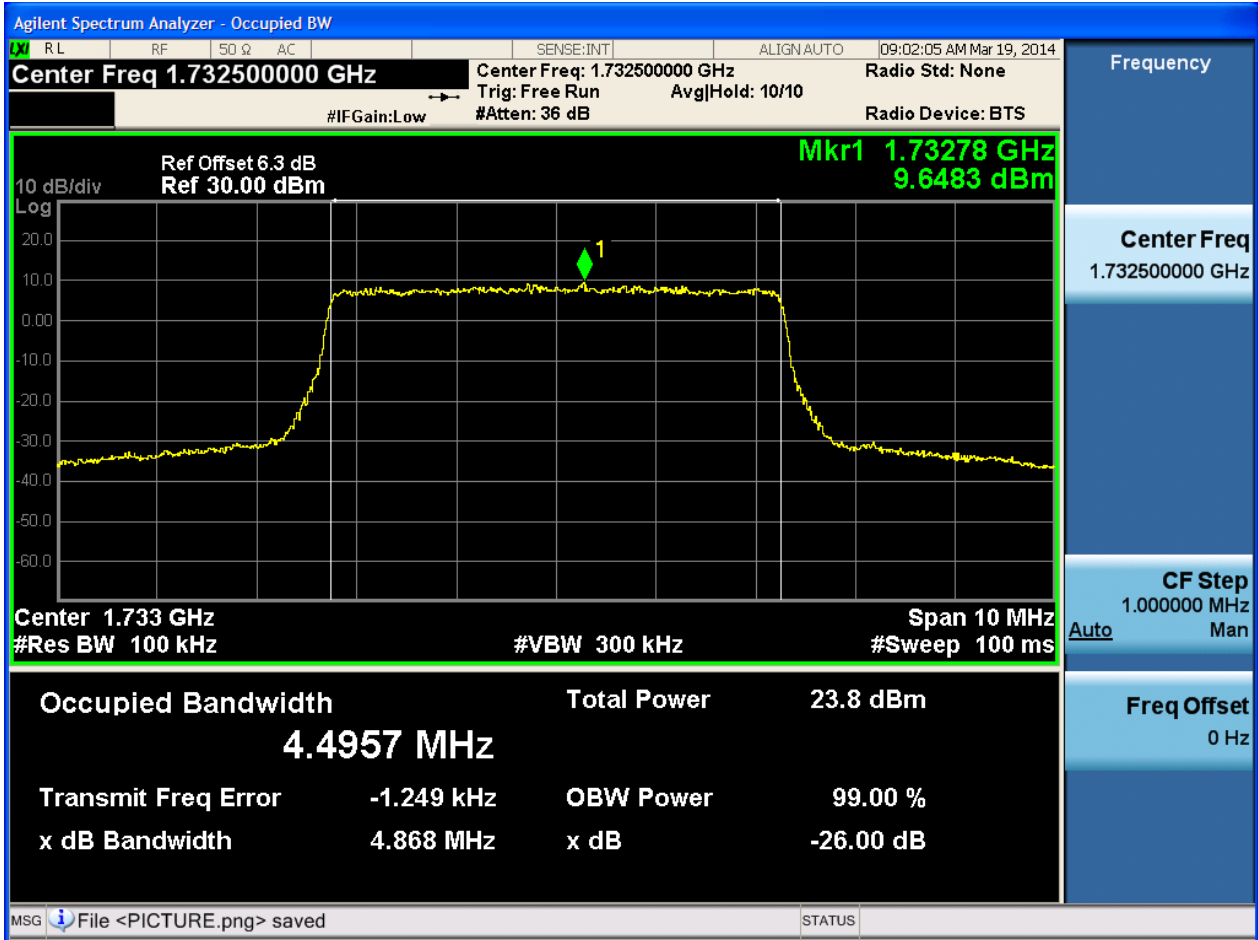
4.2.1.1.3.3 Test Channel = HCH

4.2.1.1.3.3.1 Test RB = RB25#0
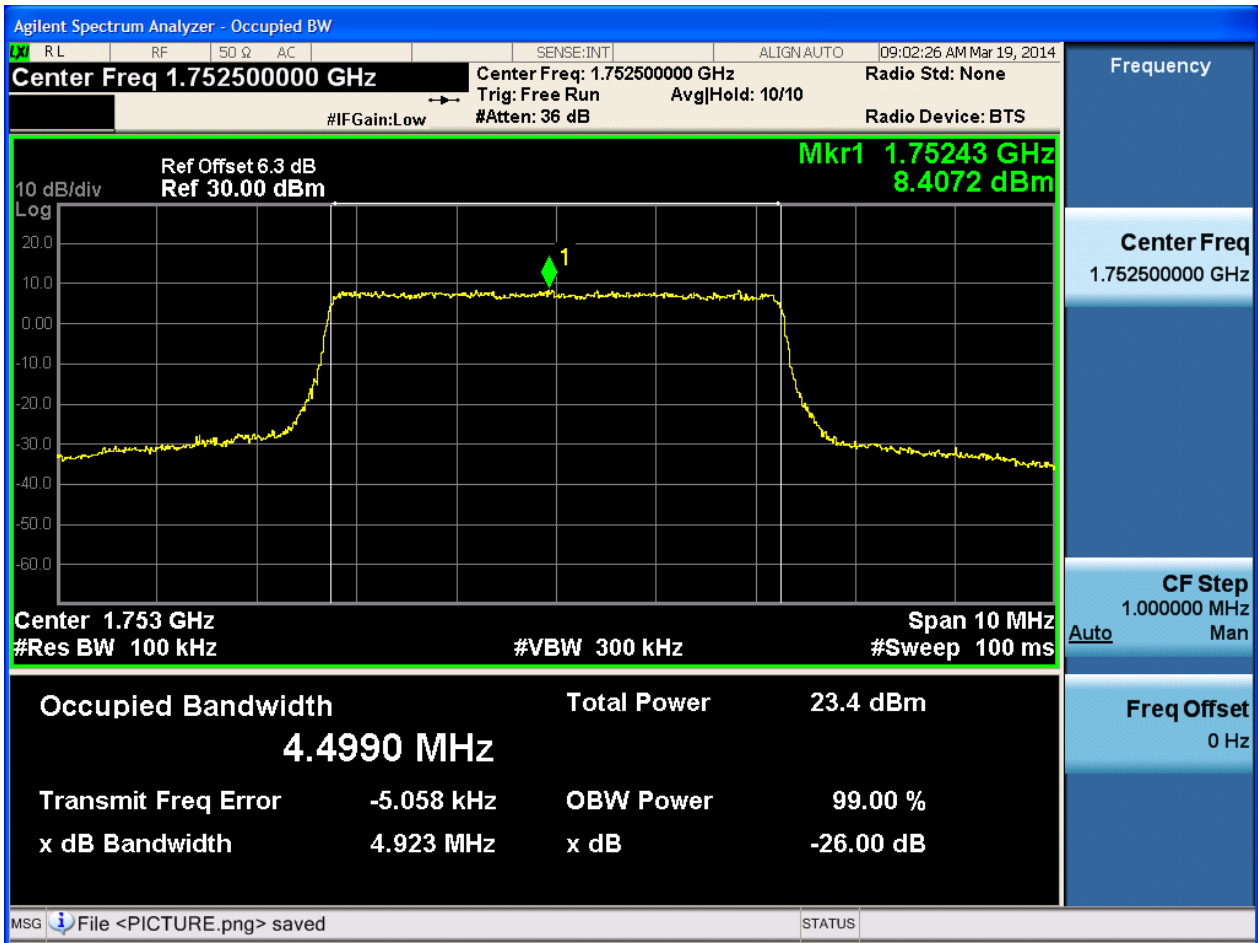
4.2.1.1.4 Test Bandwidth = 10

4.2.1.1.4.1 Test Channel = LCH

4.2.1.1.4.1.1 Test RB = RB50#0
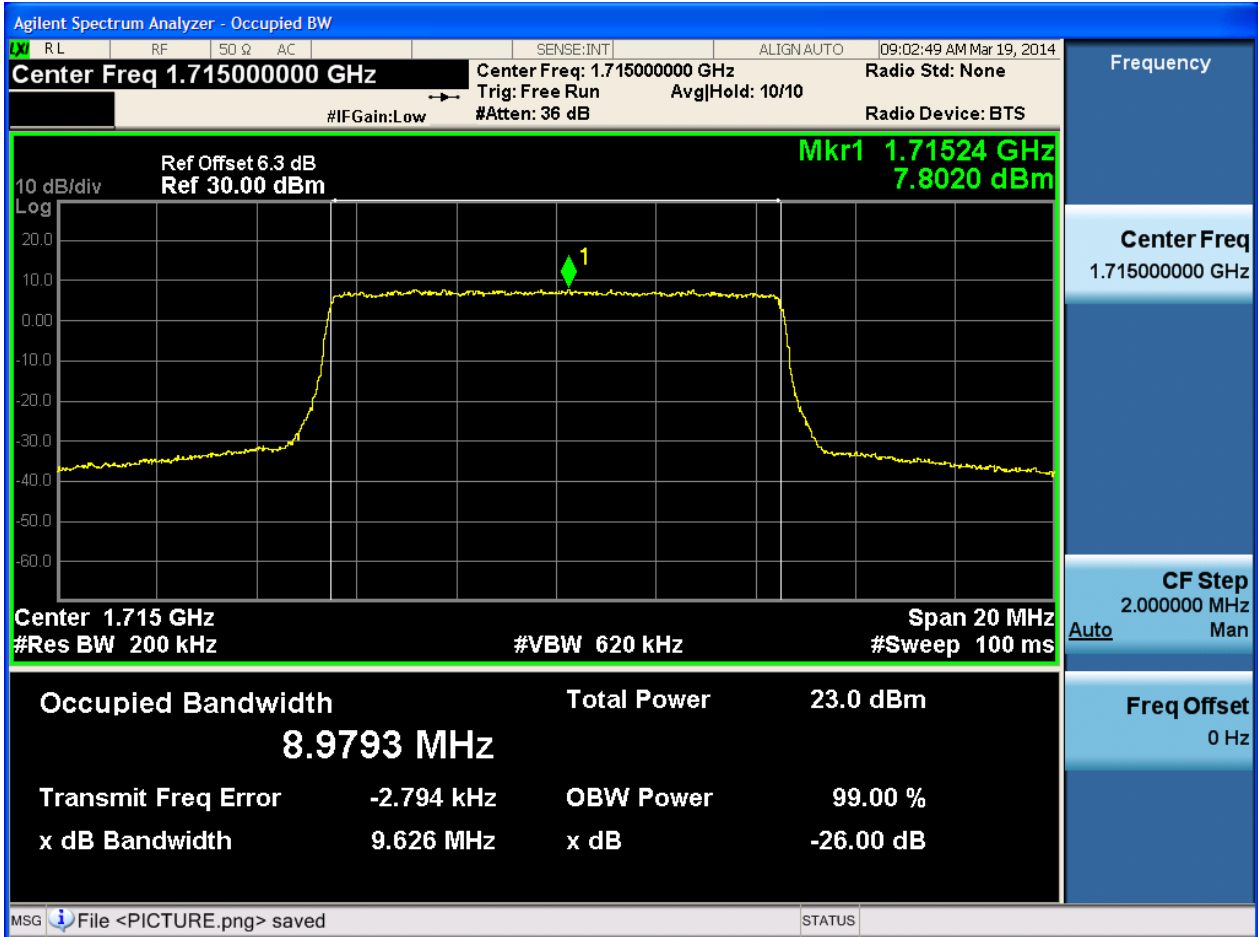
4.2.1.1.4.2 Test Channel = MCH

4.2.1.1.4.2.1 Test RB = RB50#0
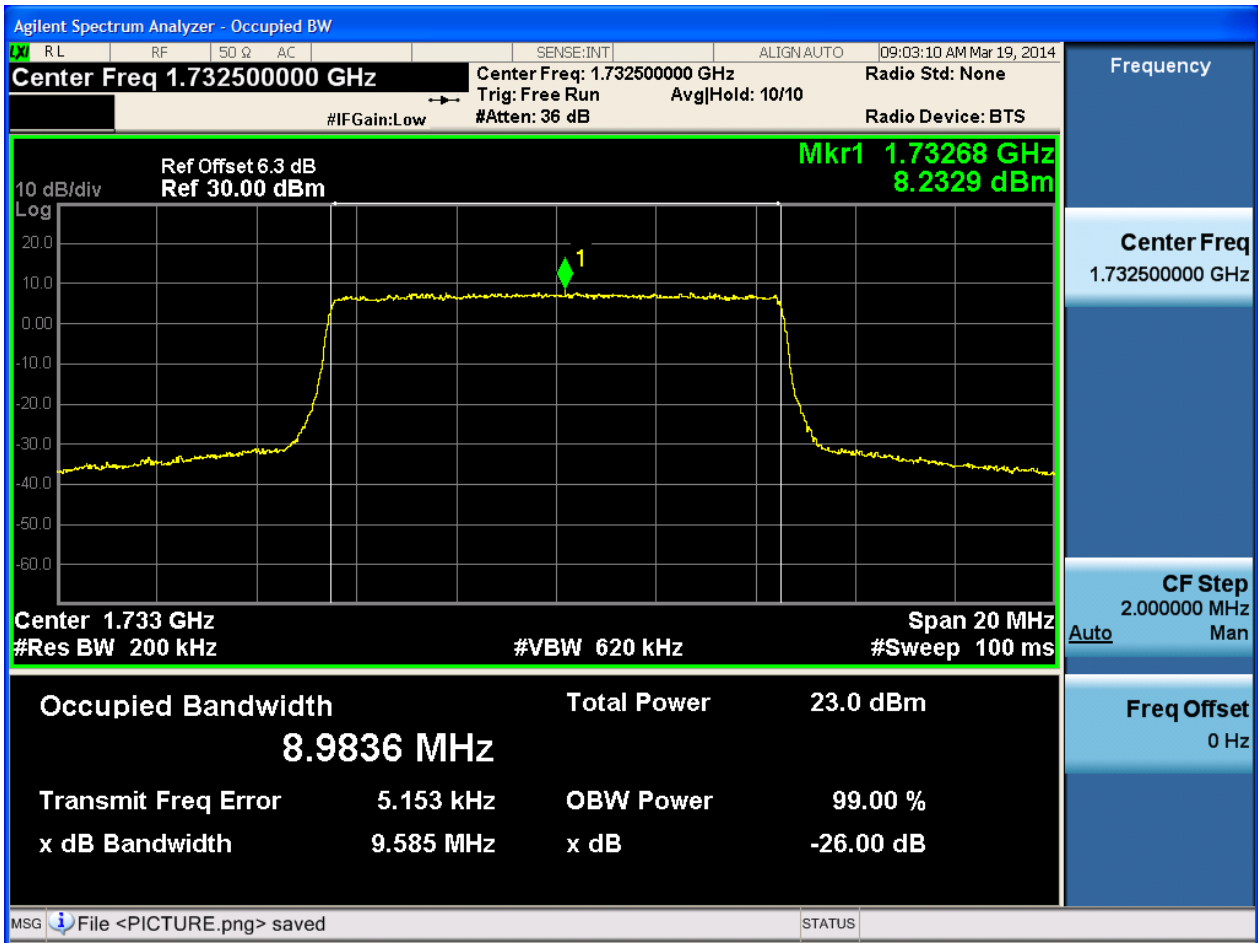
4.2.1.1.4.3 Test Channel = HCH

4.2.1.1.4.3.1 Test RB = RB50#0
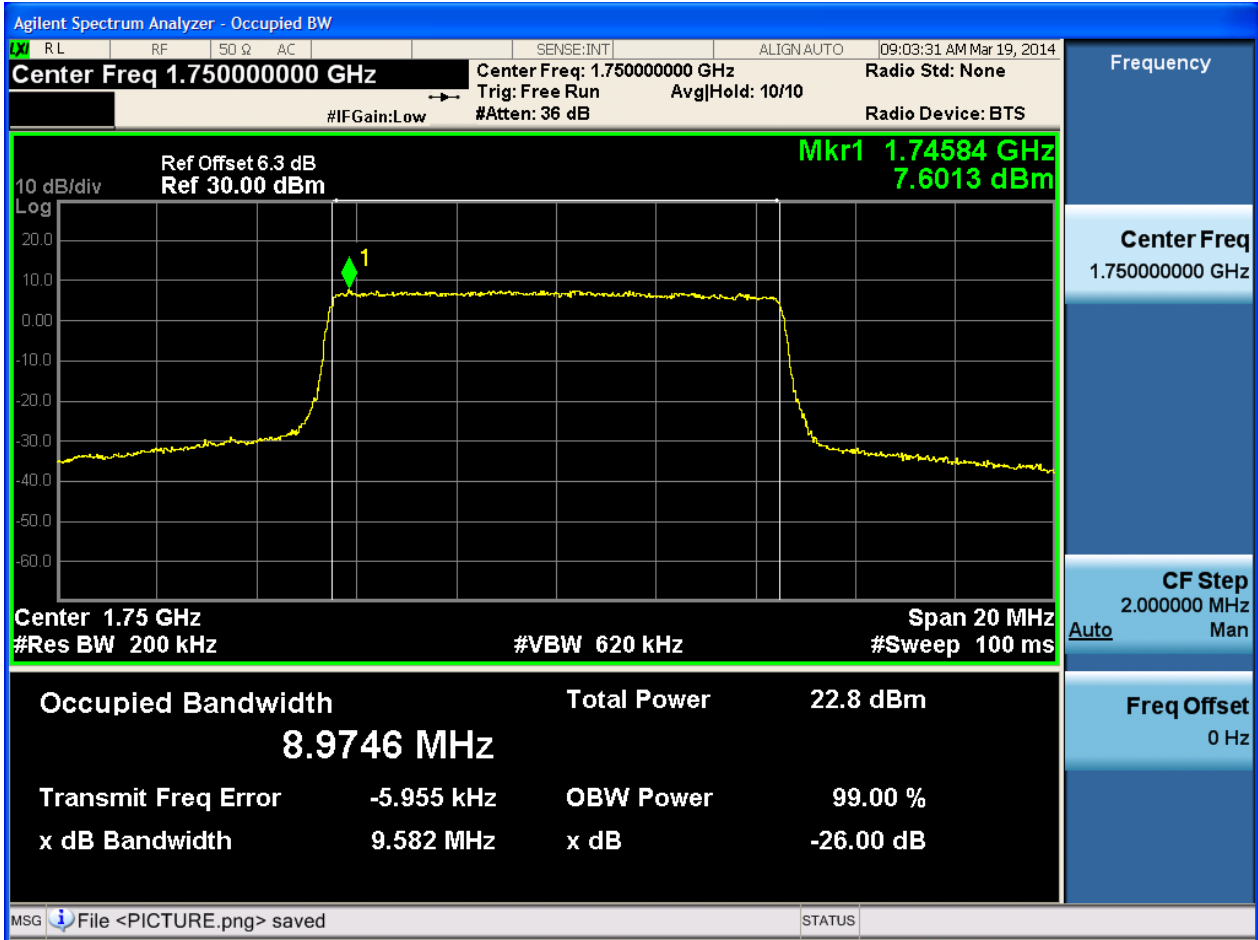
4.2.1.1.5 Test Bandwidth = 15

4.2.1.1.5.1 Test Channel = LCH

4.2.1.1.5.1.1 Test RB = RB75#0
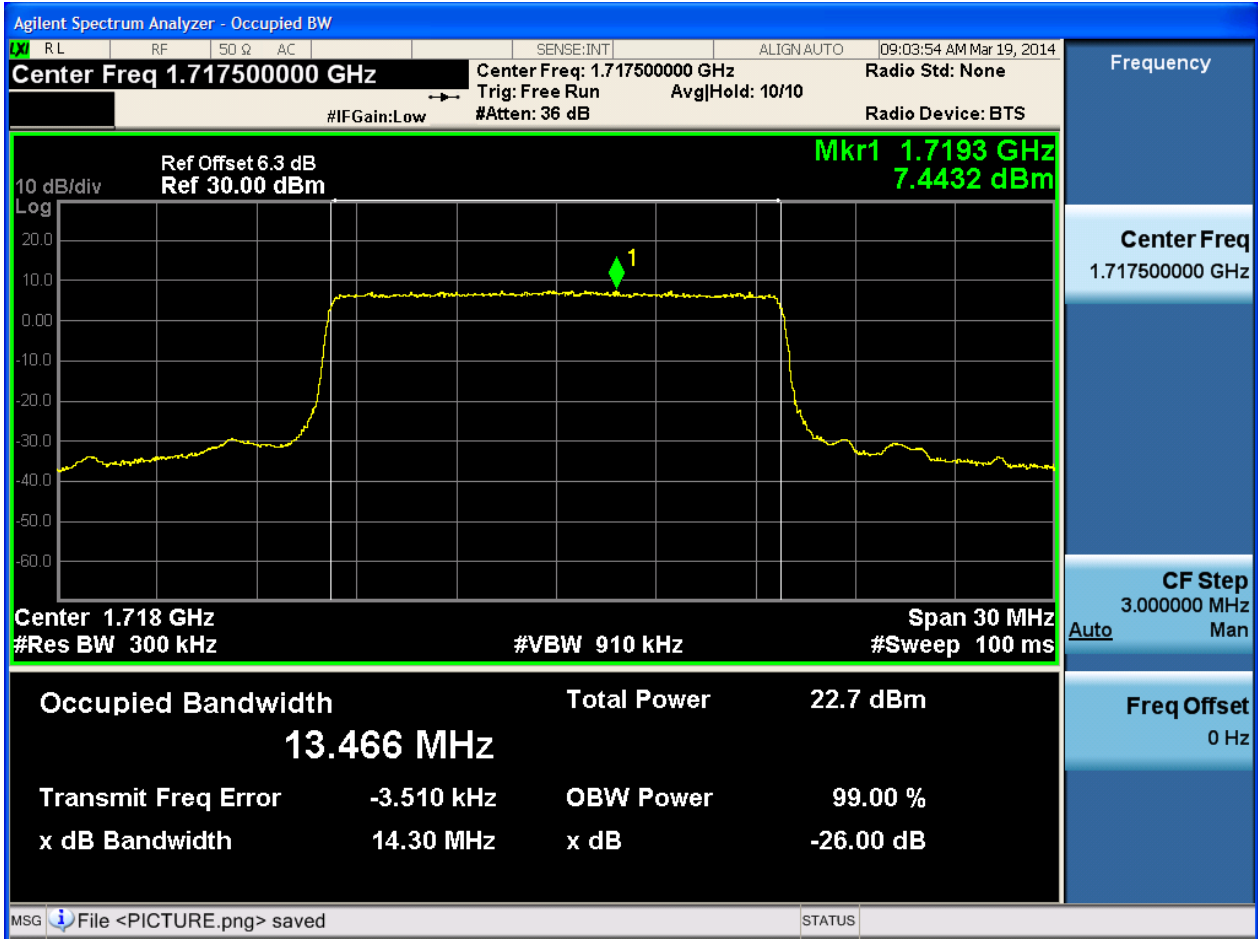
4.2.1.1.5.2 Test Channel = MCH

4.2.1.1.5.2.1 Test RB = RB75#0
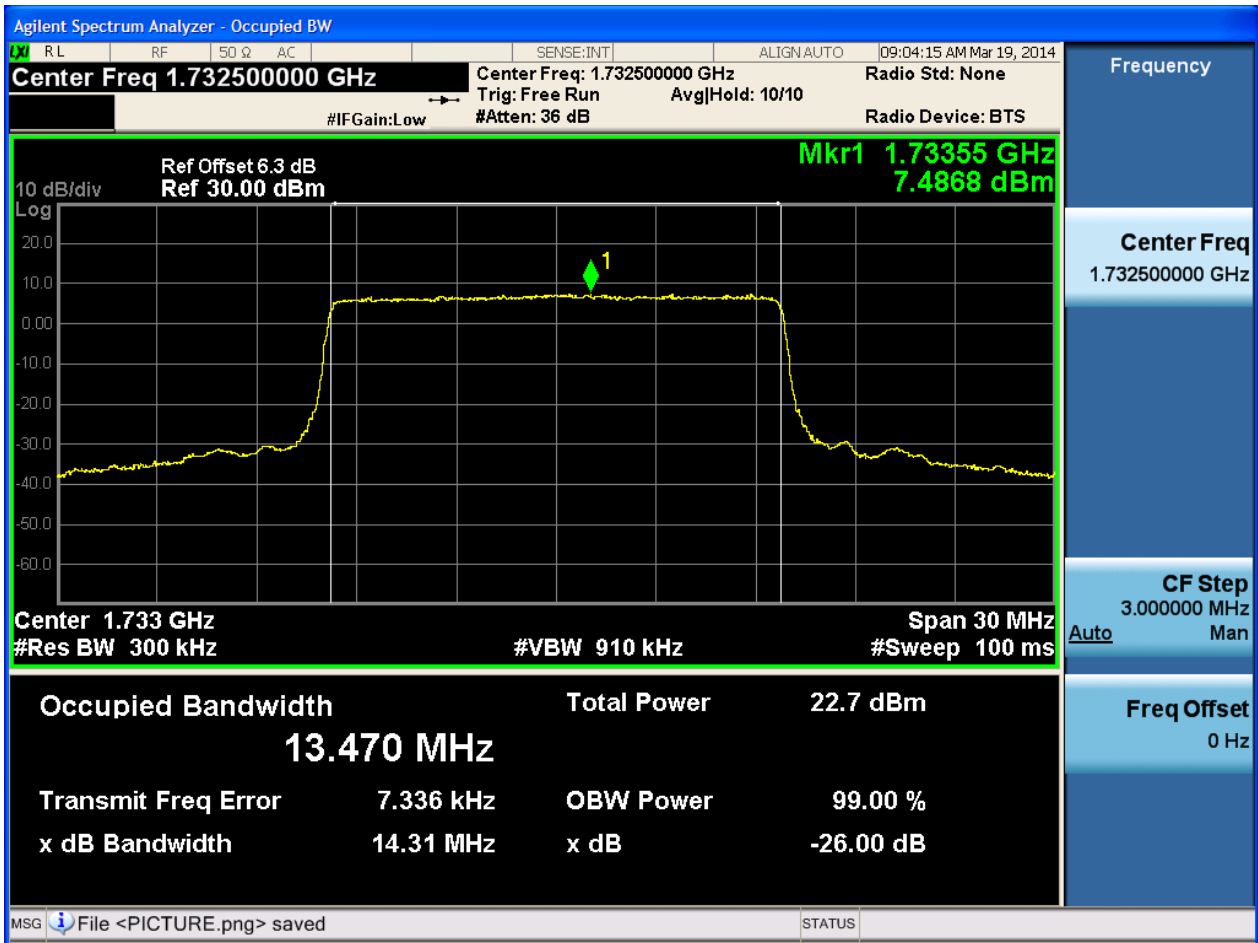
4.2.1.1.5.3 Test Channel = HCH

4.2.1.1.5.3.1 Test RB = RB75#0
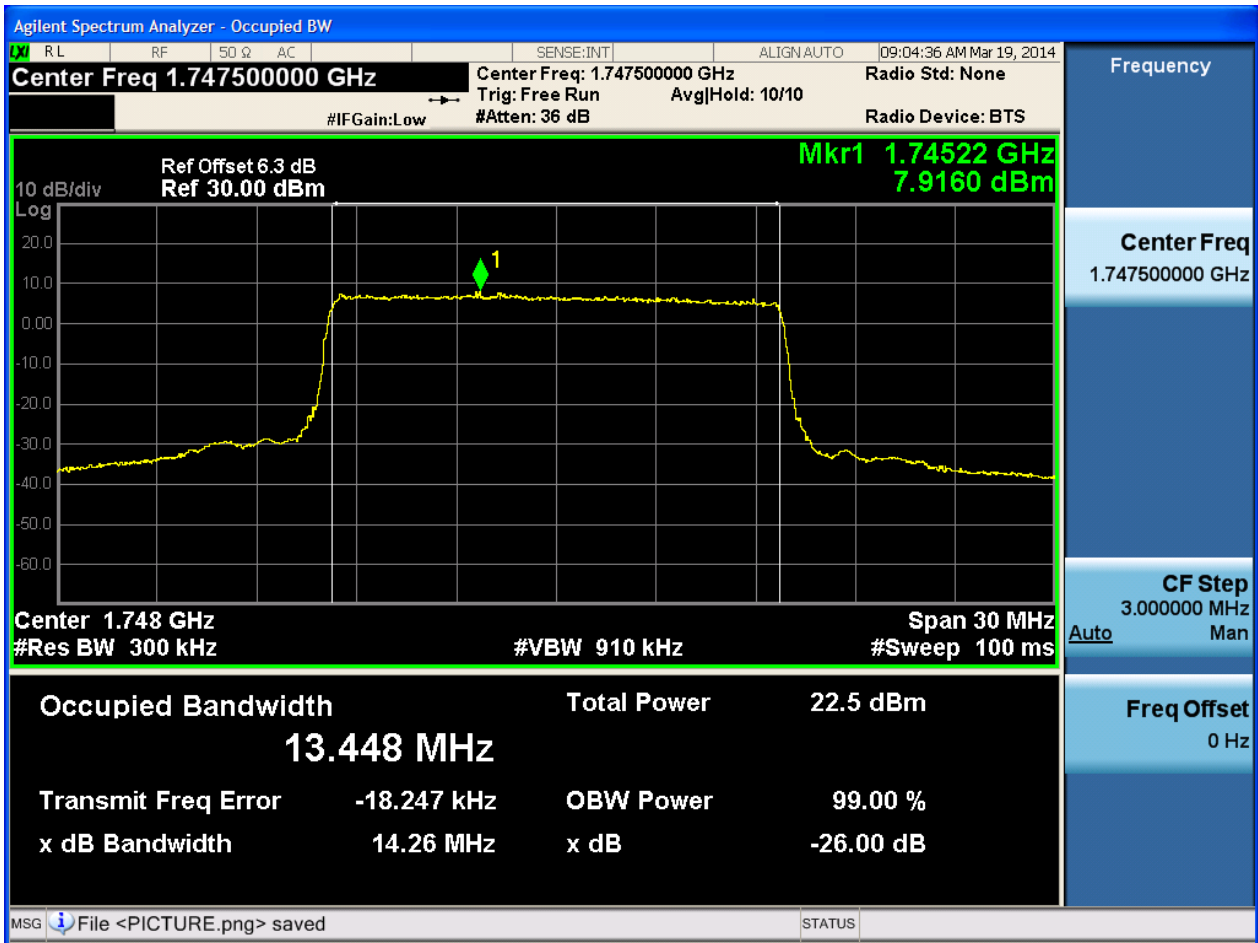
4.2.1.1.6 Test Bandwidth = 20

4.2.1.1.6.1 Test Channel = LCH

4.2.1.1.6.1.1 Test RB = RB100#0
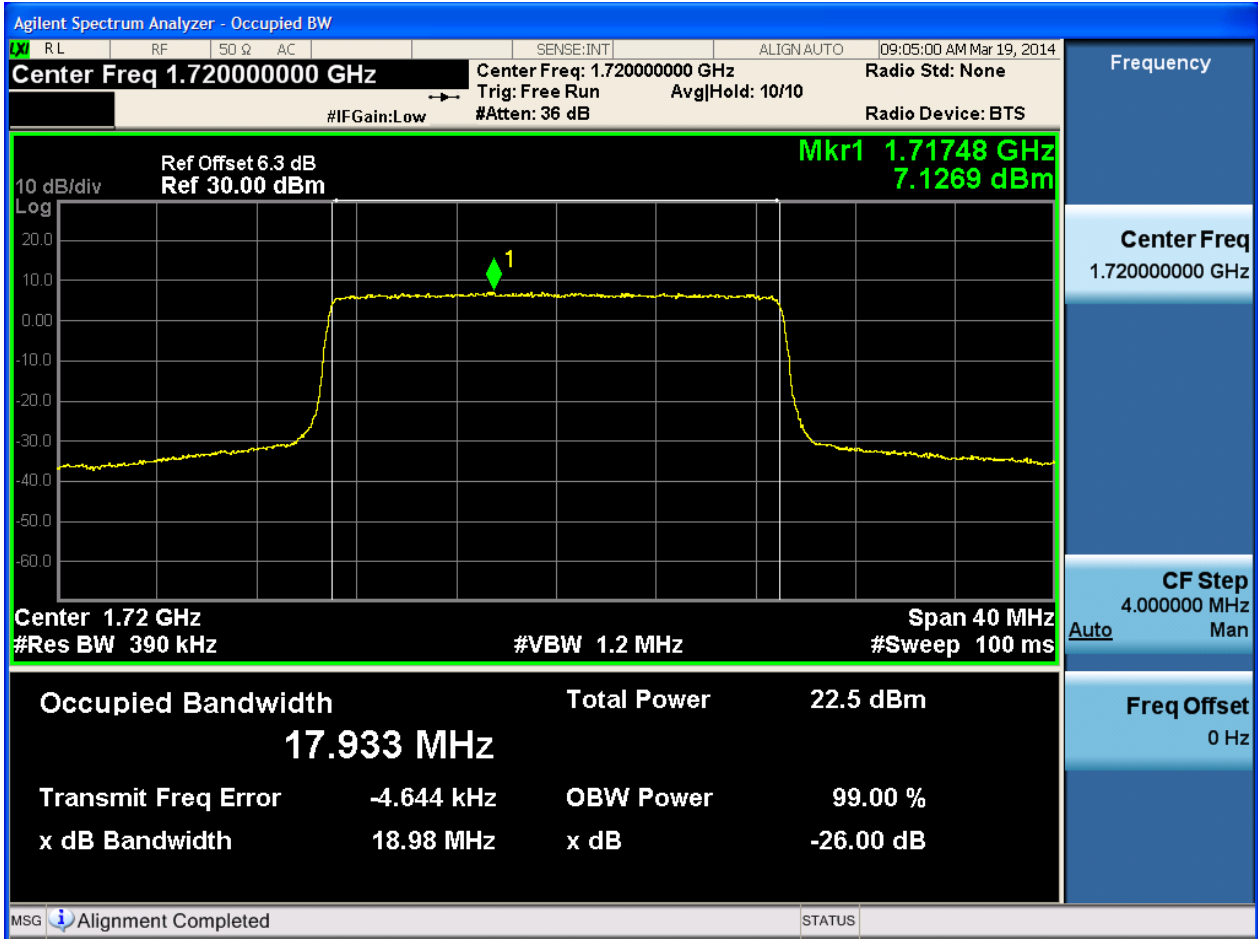
4.2.1.1.6.2 Test Channel = MCH

4.2.1.1.6.2.1 Test RB = RB100#0
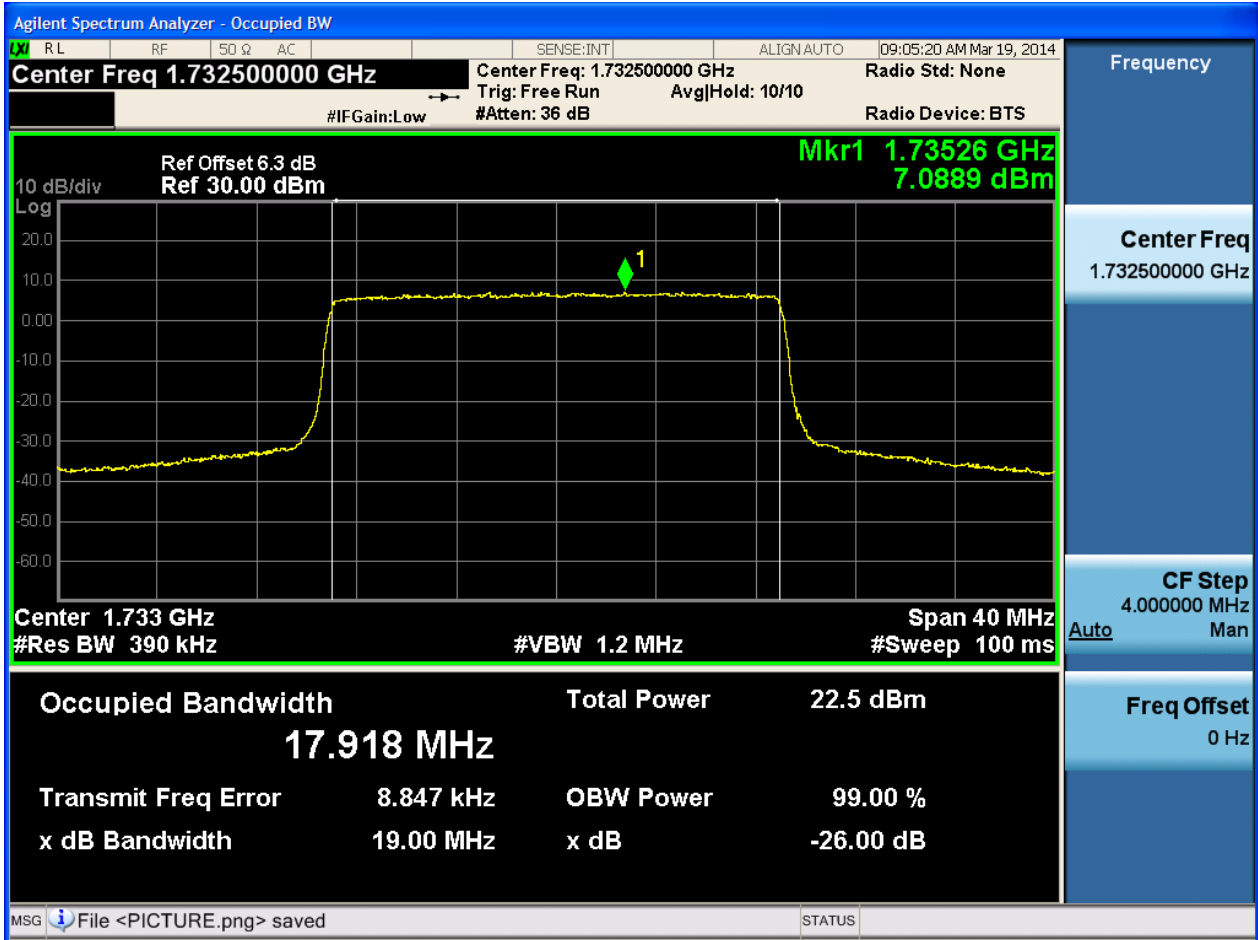
4.2.1.1.6.3 Test Channel = HCH

4.2.1.1.6.3.1 Test RB = RB100#0

4.2.1.2 Test Mode = LTE/TM2

4.2.1.2.1 Test Bandwidth = 1.4

4.2.1.2.1.1 Test Channel = LCH

4.2.1.2.1.1.1 Test RB = RB6#0
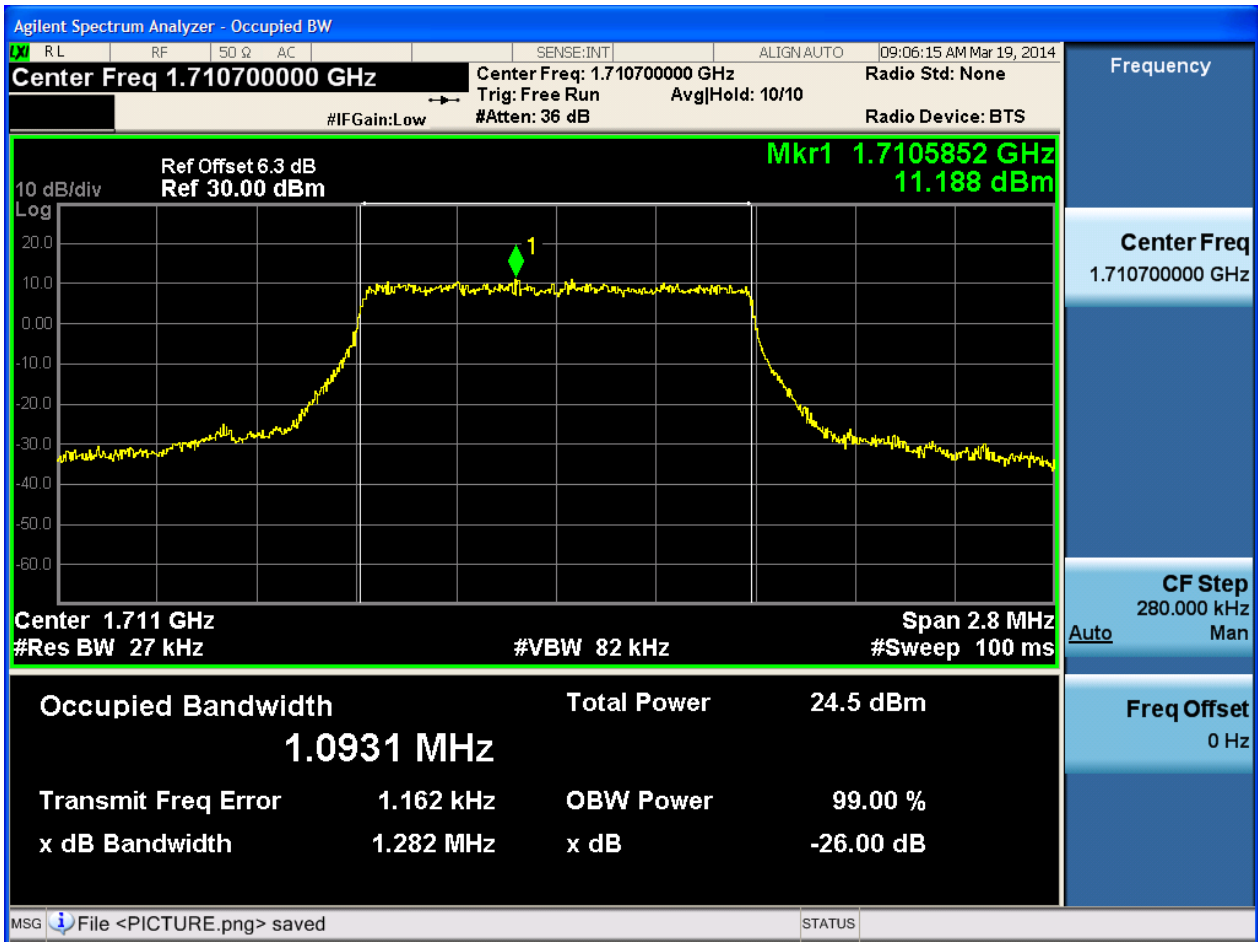
4.2.1.2.1.2 Test Channel = MCH

4.2.1.2.1.2.1 Test RB = RB6#0

4.2.1.2.1.3 Test Channel = HCH

4.2.1.2.1.3.1 Test RB = RB6#0

4.2.1.2.2 Test Bandwidth = 3

4.2.1.2.2.1 Test Channel = LCH

4.2.1.2.2.1.1 Test RB = RB15#0
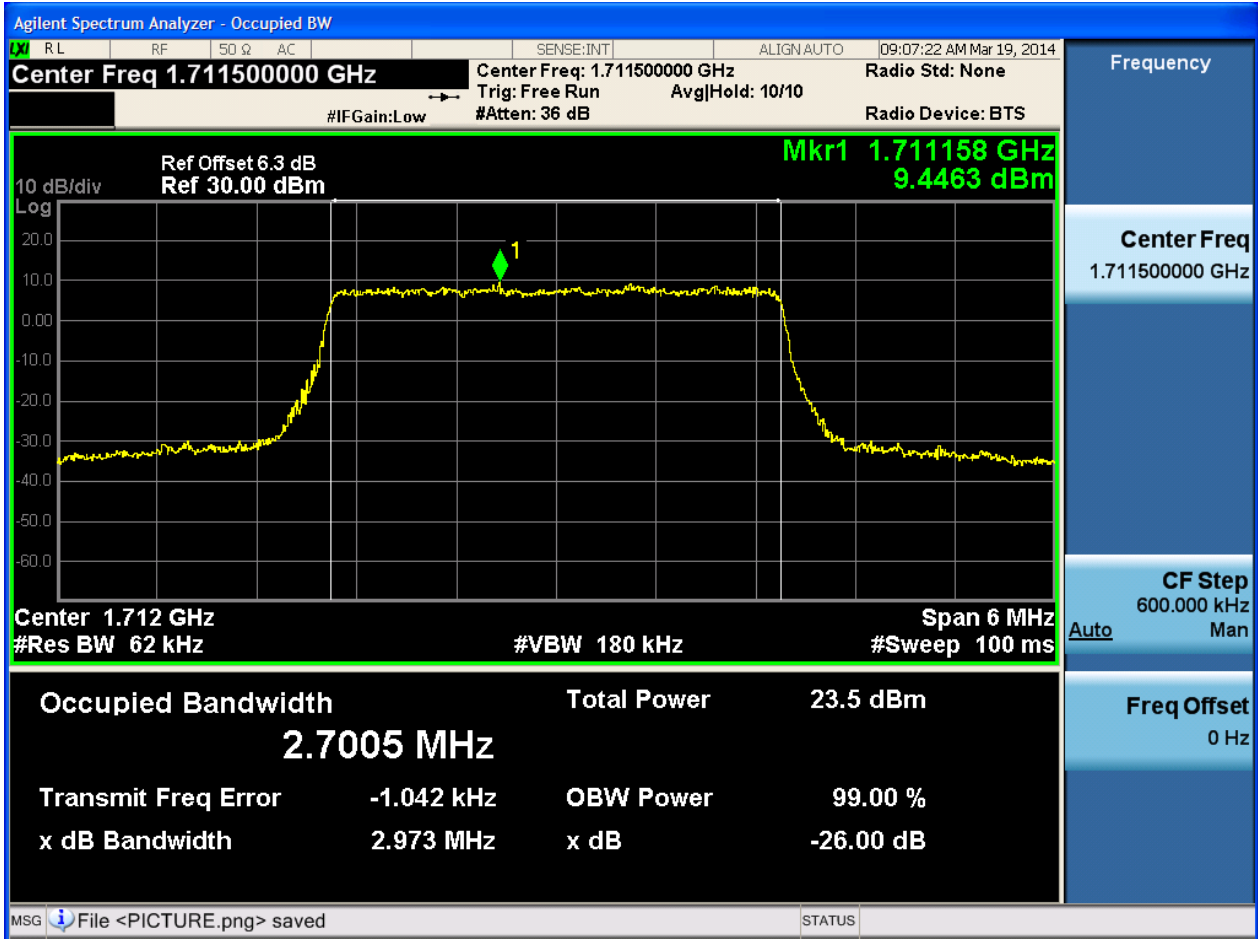
4.2.1.2.2.2 Test Channel = MCH

4.2.1.2.2.2.1 Test RB = RB15#0
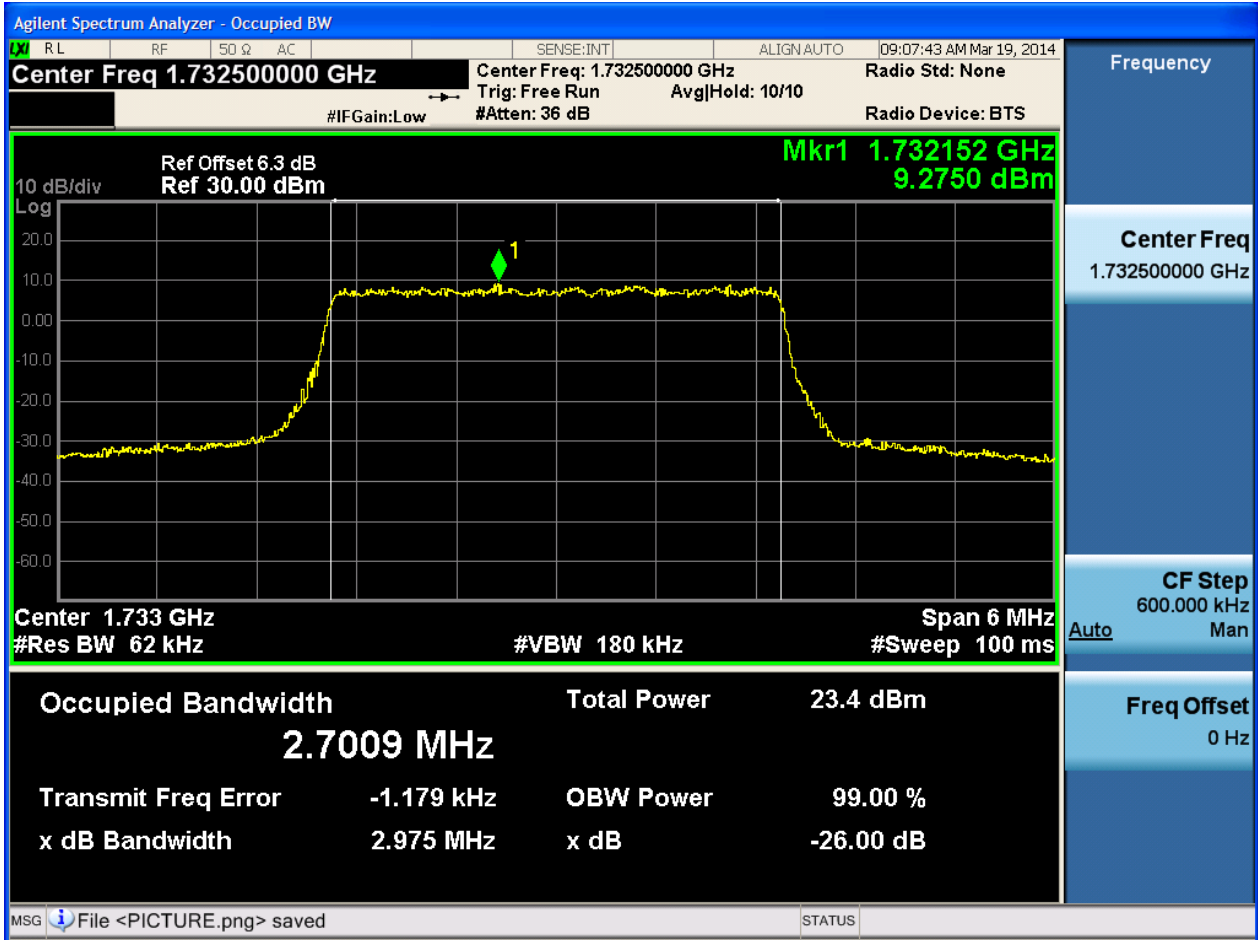
4.2.1.2.2.3 Test Channel = HCH

4.2.1.2.2.3.1 Test RB = RB15#0
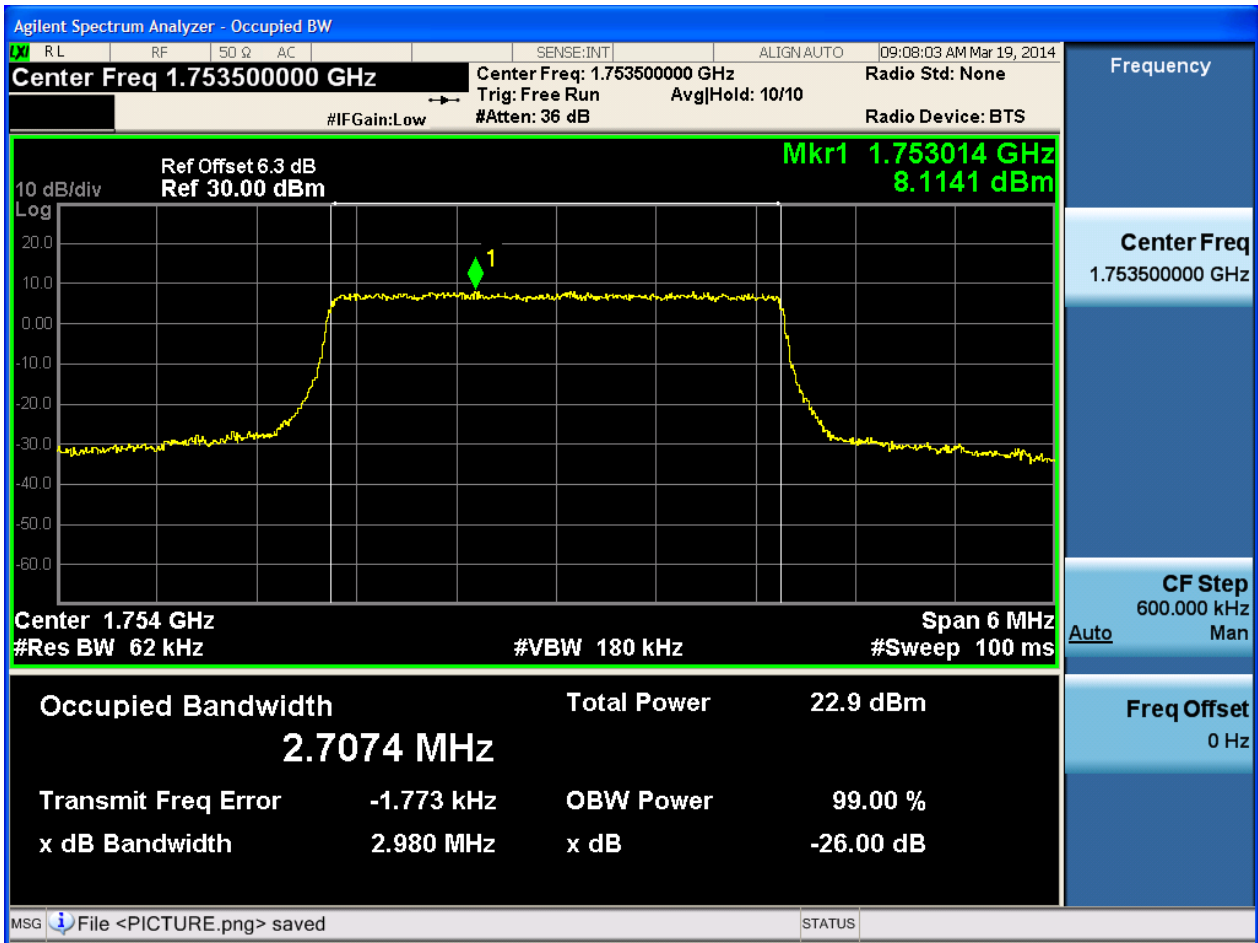
4.2.1.2.3 Test Bandwidth = 5

4.2.1.2.3.1 Test Channel = LCH

4.2.1.2.3.1.1 Test RB = RB25#0
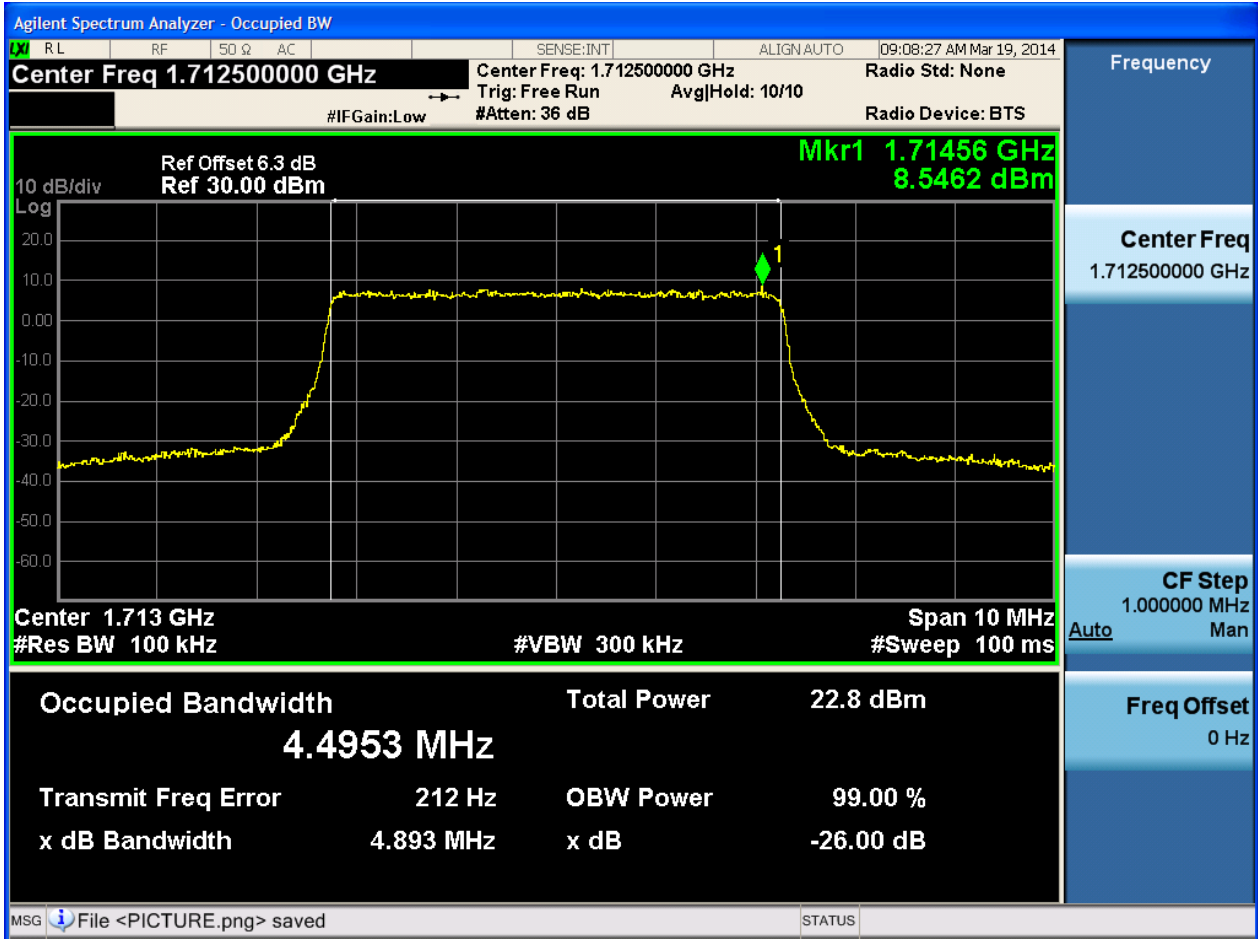
4.2.1.2.3.2 Test Channel = MCH

4.2.1.2.3.2.1 Test RB = RB25#0
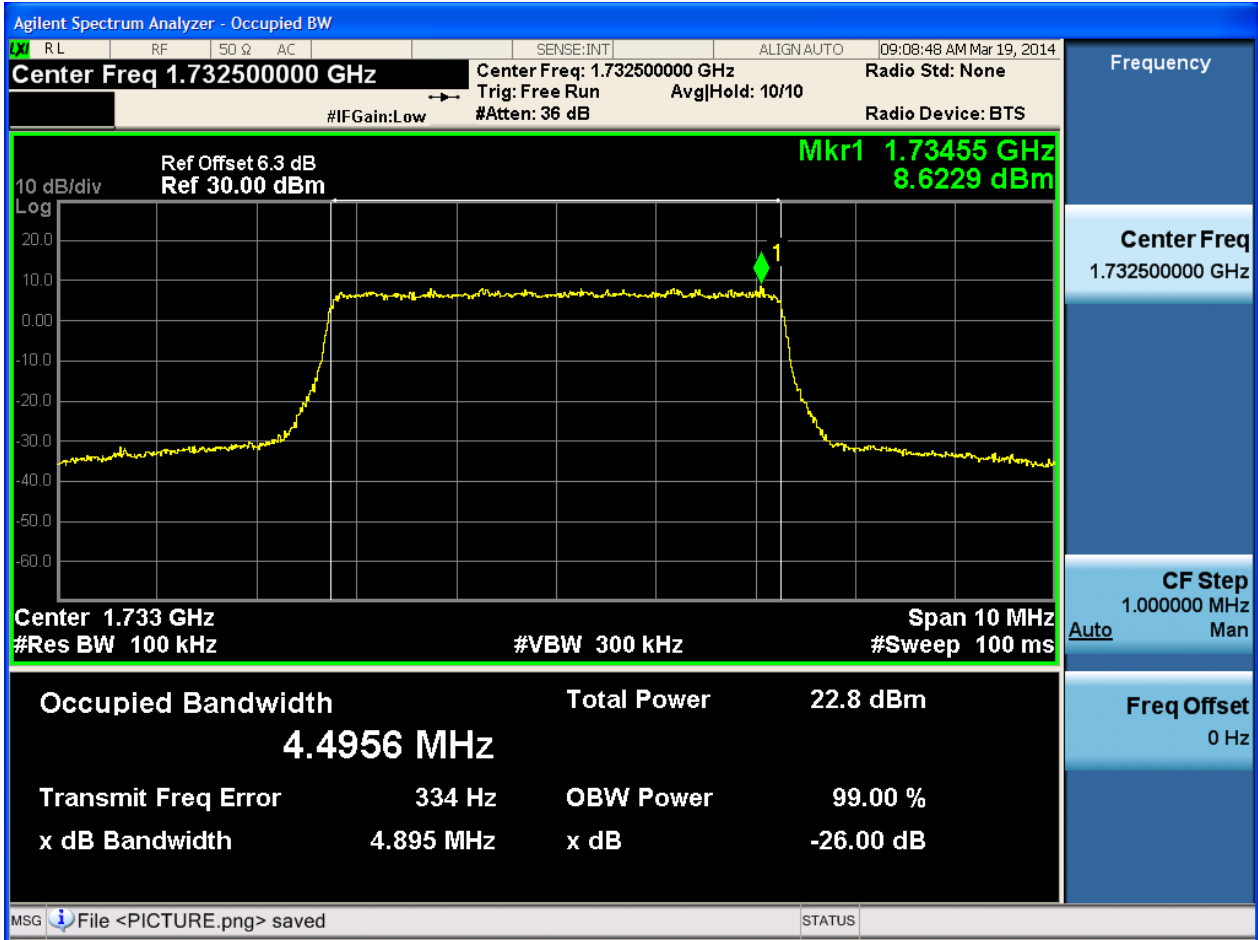
4.2.1.2.3.3 Test Channel = HCH

4.2.1.2.3.3.1 Test RB = RB25#0
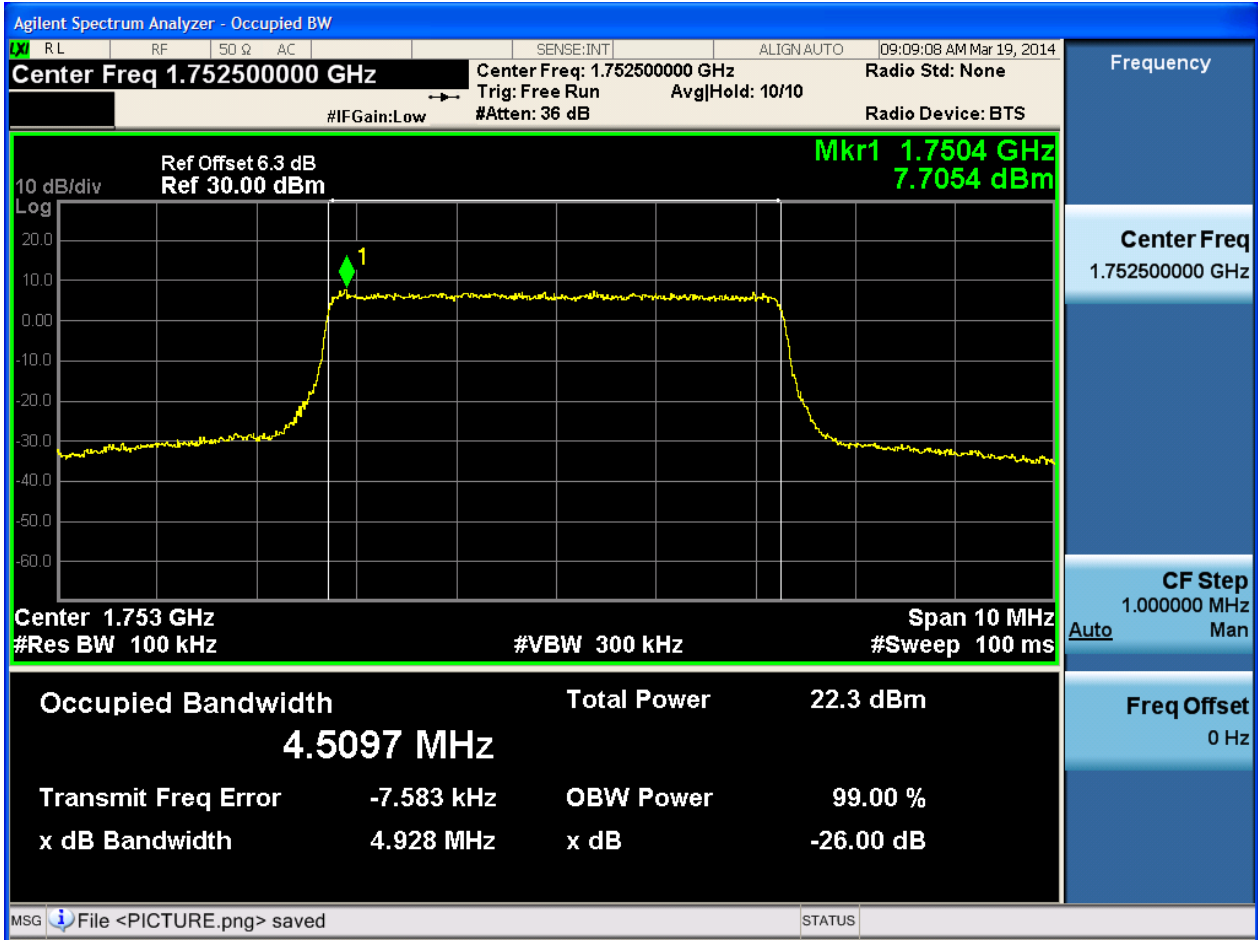
4.2.1.2.4 Test Bandwidth = 10

4.2.1.2.4.1 Test Channel = LCH

4.2.1.2.4.1.1 Test RB = RB50#0
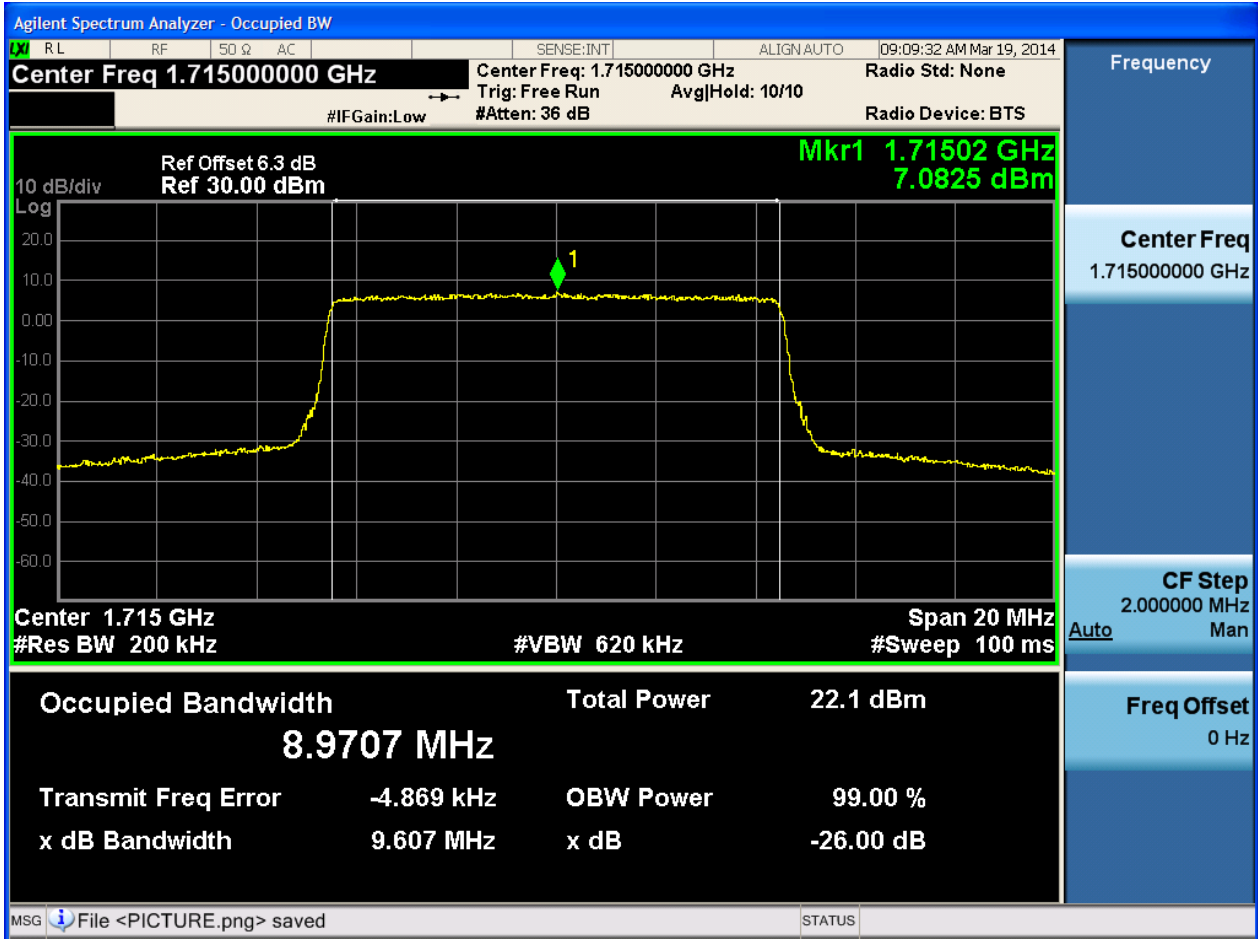
4.2.1.2.4.2 Test Channel = MCH

4.2.1.2.4.2.1 Test RB = RB50#0
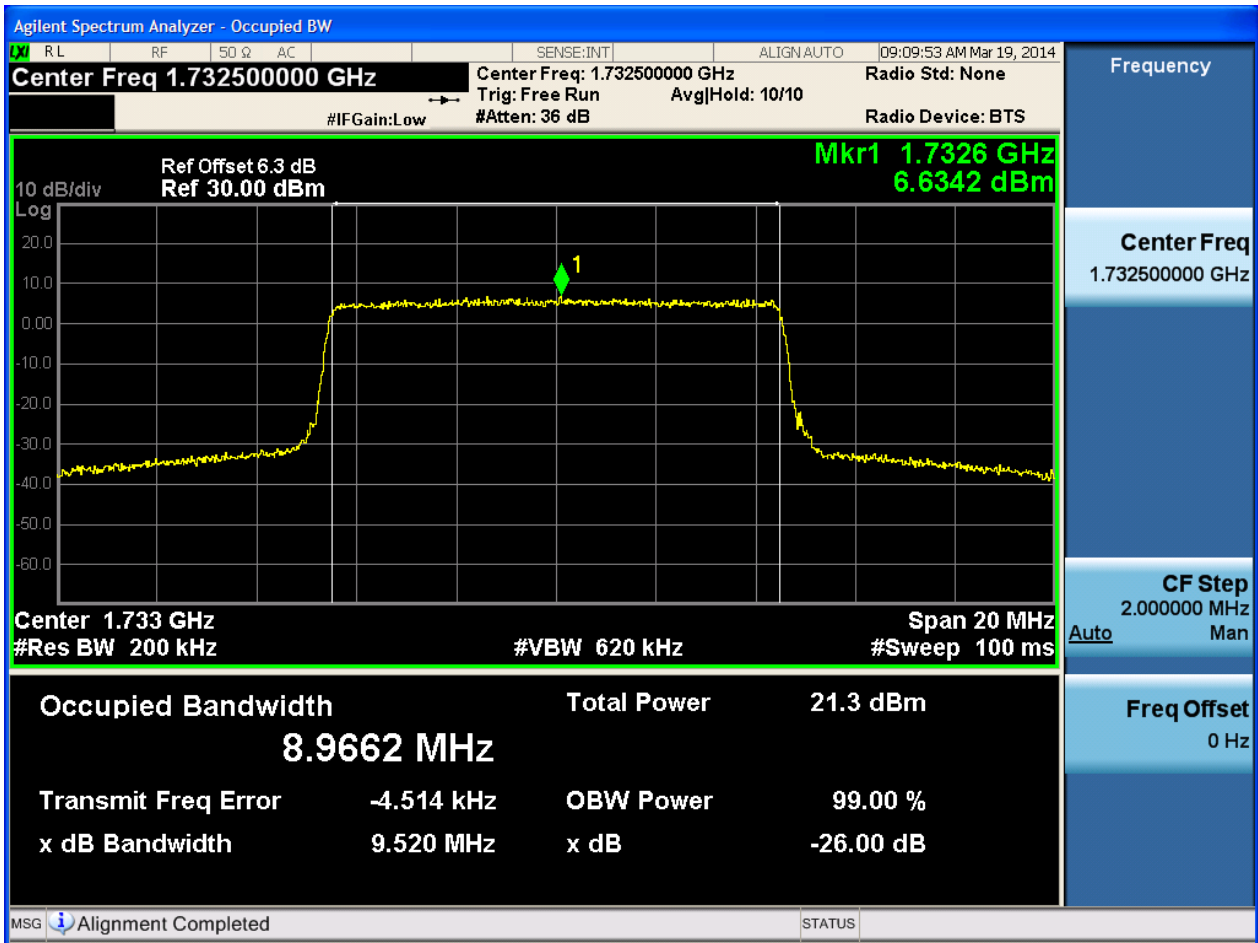
4.2.1.2.4.3 Test Channel = HCH

4.2.1.2.4.3.1 Test RB = RB50#0
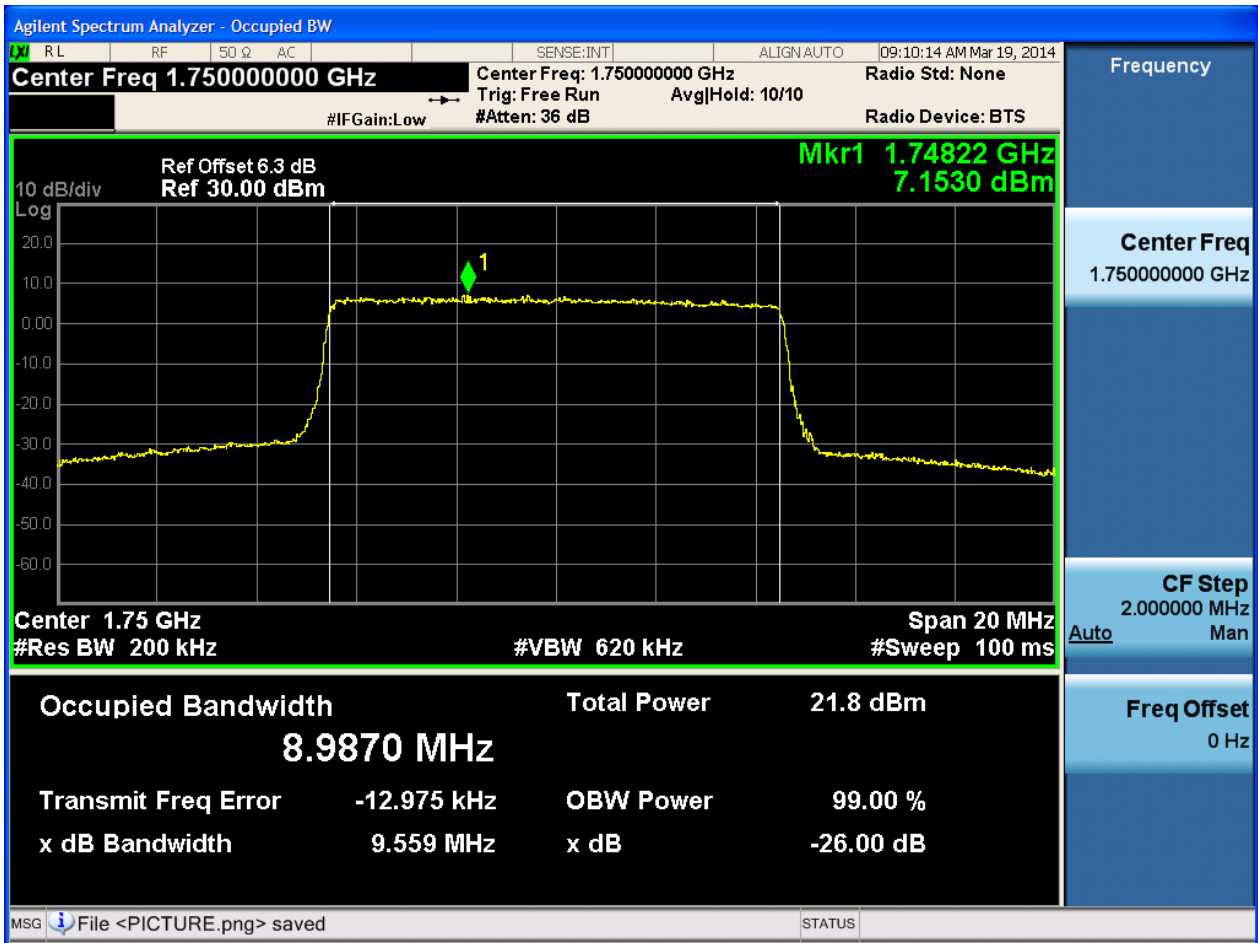
4.2.1.2.5 Test Bandwidth = 15

4.2.1.2.5.1 Test Channel = LCH

4.2.1.2.5.1.1 Test RB = RB75#0
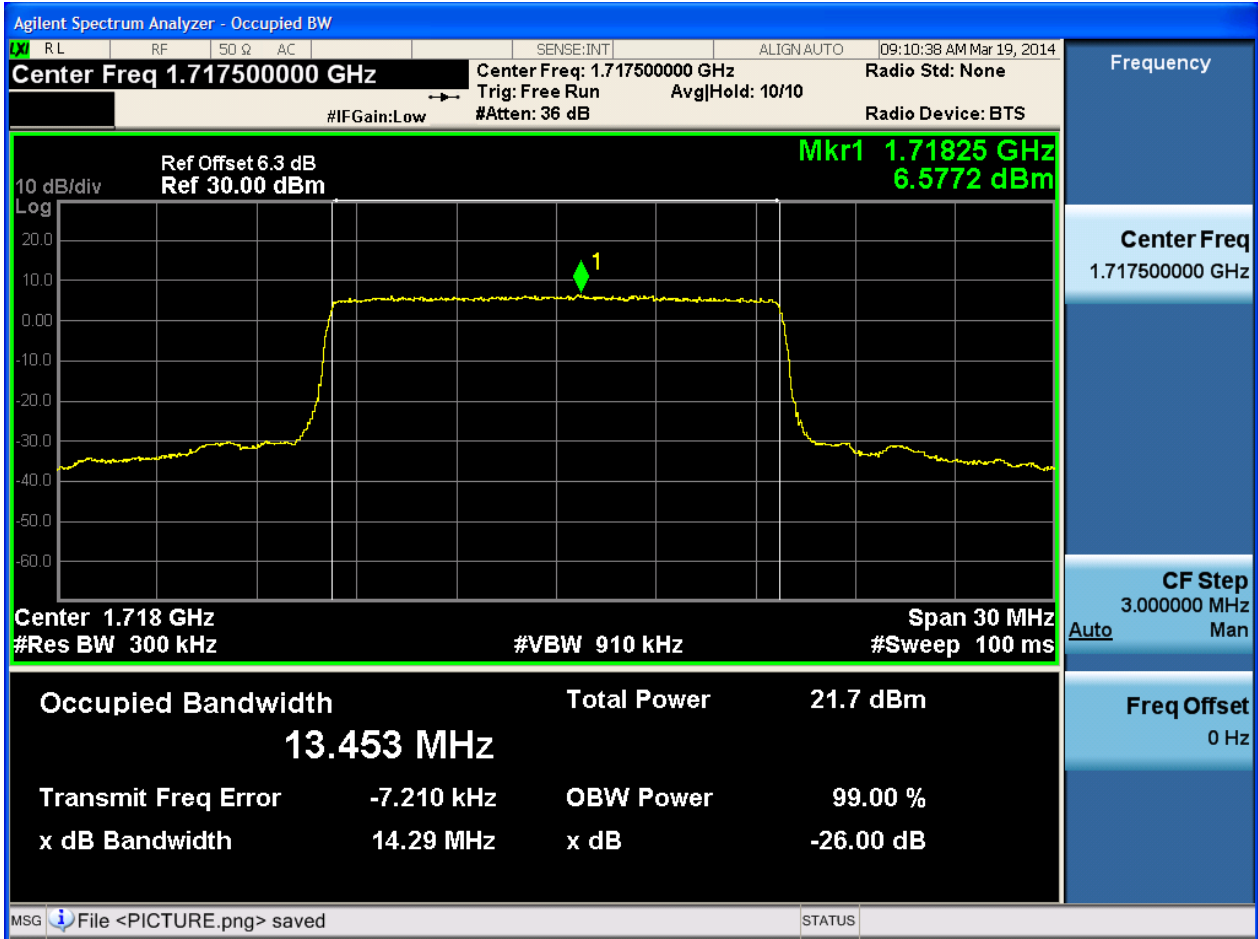
4.2.1.2.5.2 Test Channel = MCH

4.2.1.2.5.2.1 Test RB = RB75#0
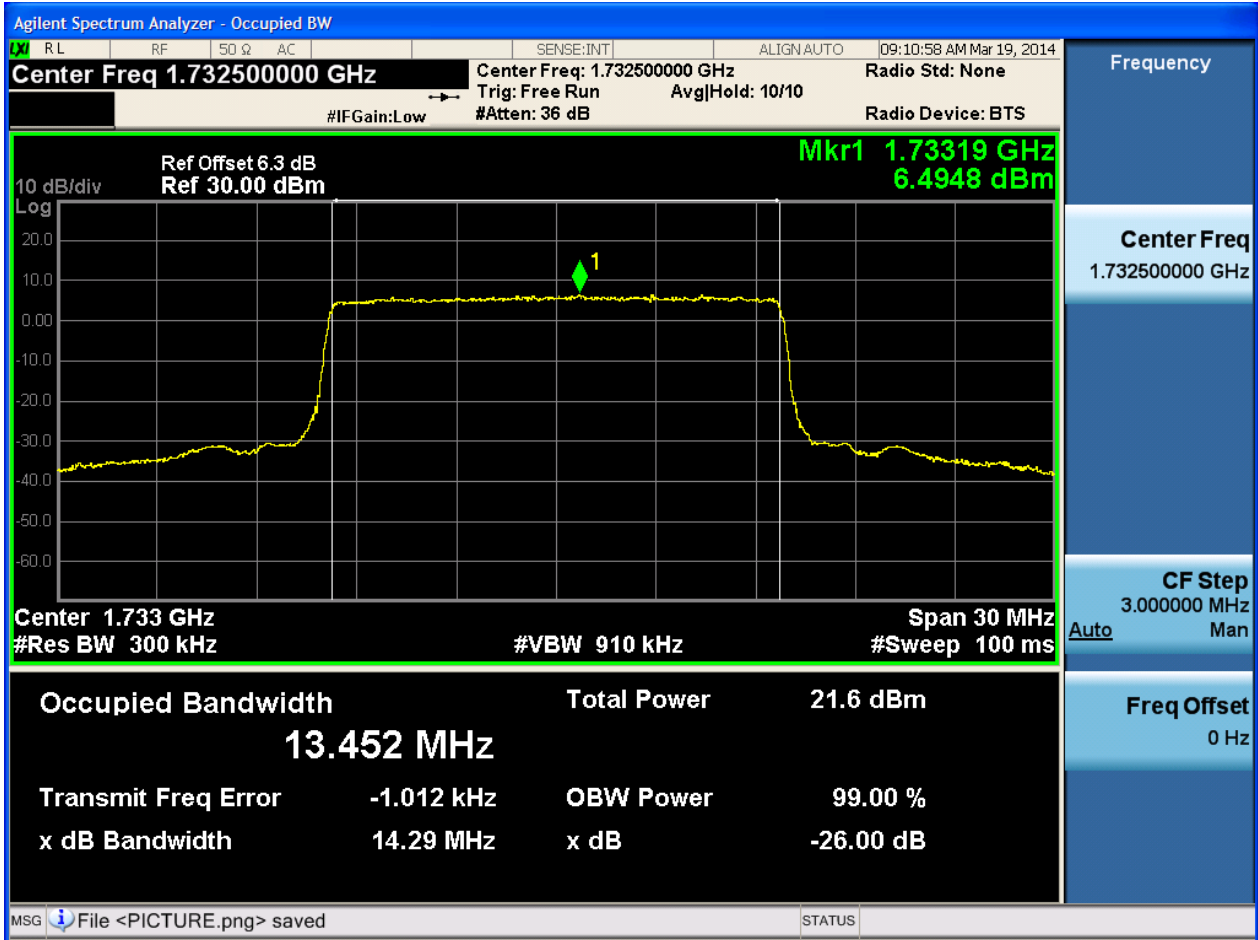
4.2.1.2.5.3 Test Channel = HCH

4.2.1.2.5.3.1 Test RB = RB75#0
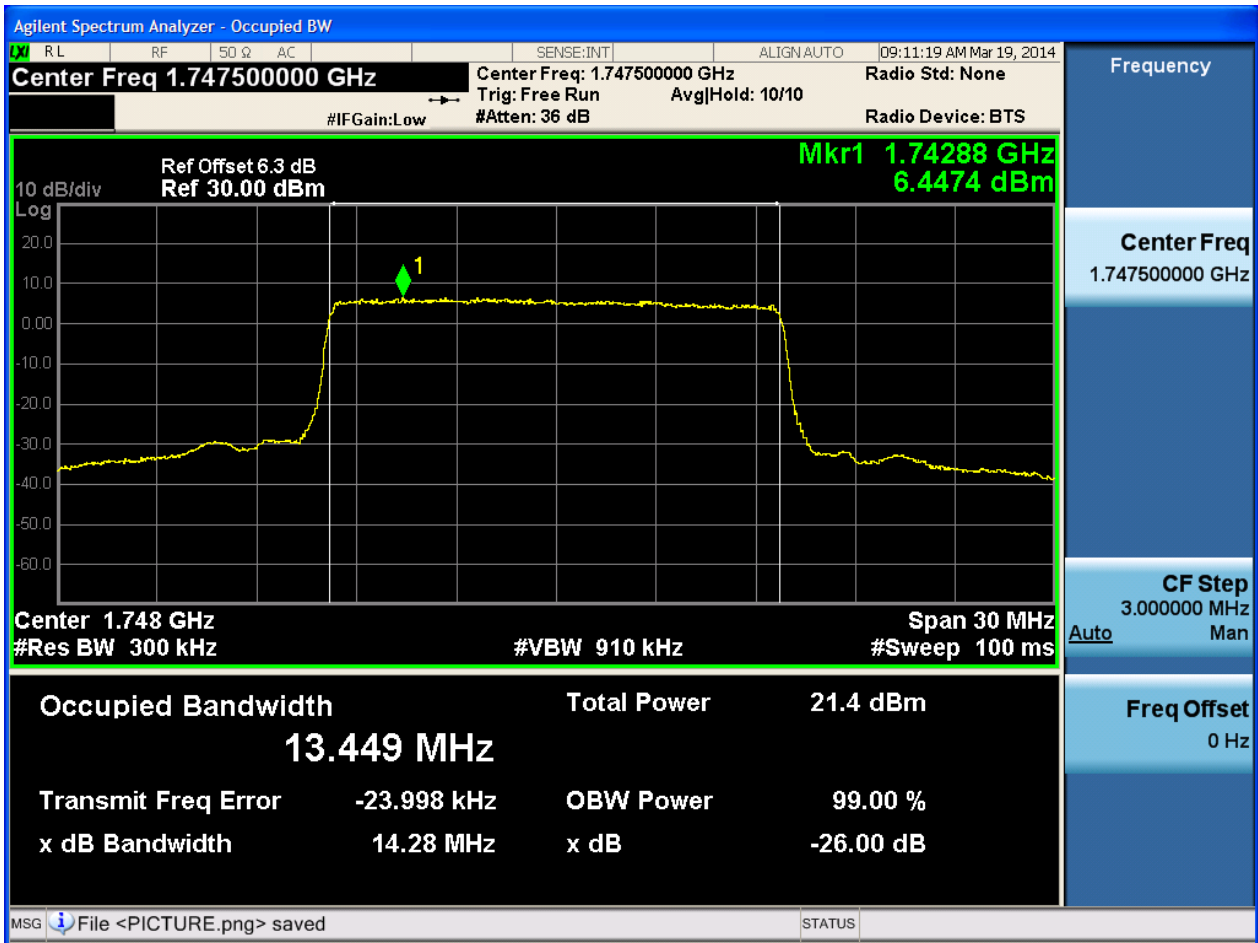
4.2.1.2.6 Test Bandwidth = 20

4.2.1.2.6.1 Test Channel = LCH

4.2.1.2.6.1.1 Test RB = RB100#0

4.2.1.2.6.2 Test Channel = MCH

4.2.1.2.6.2.1 Test RB = RB100#0
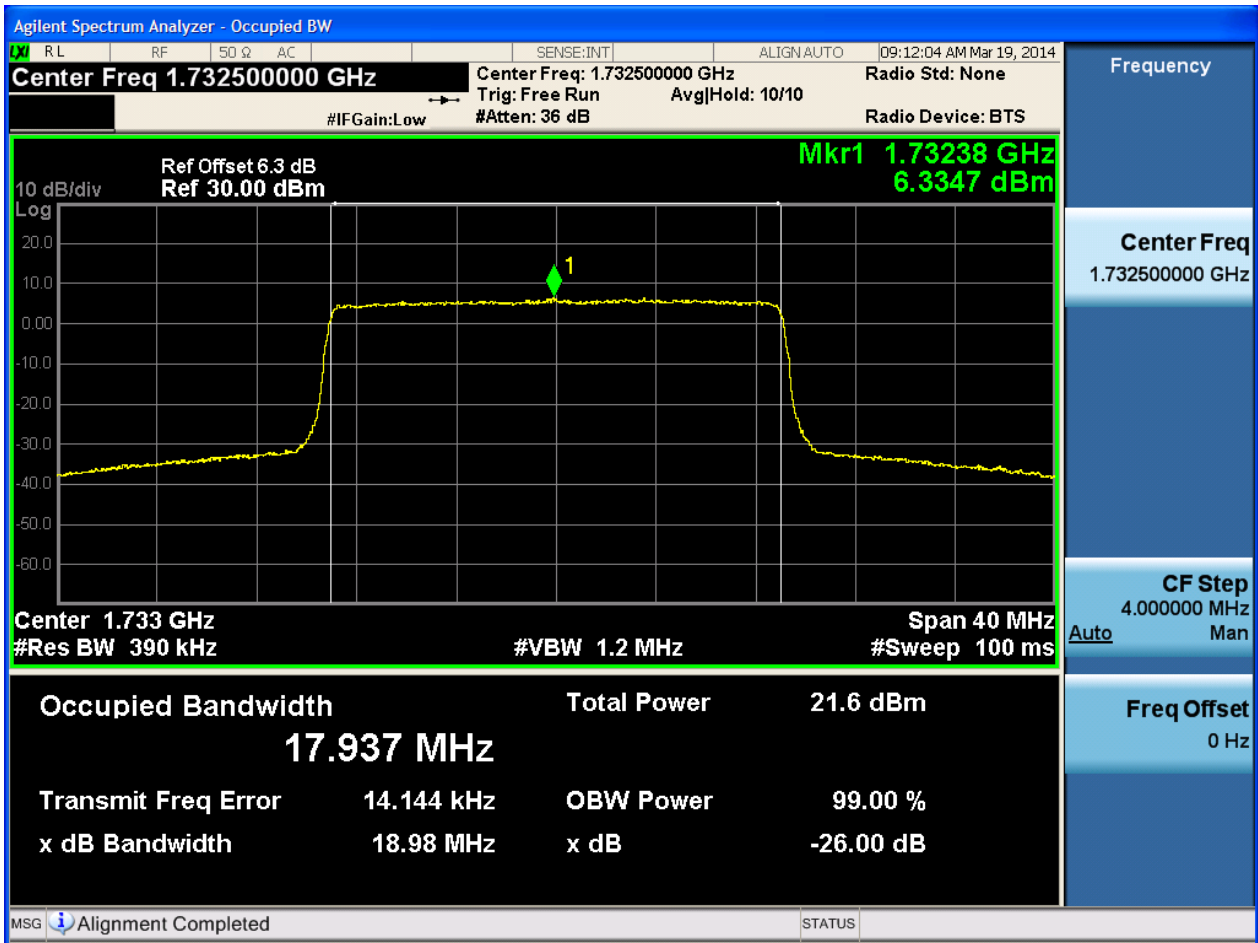
4.2.1.2.6.3 Test Channel = HCH

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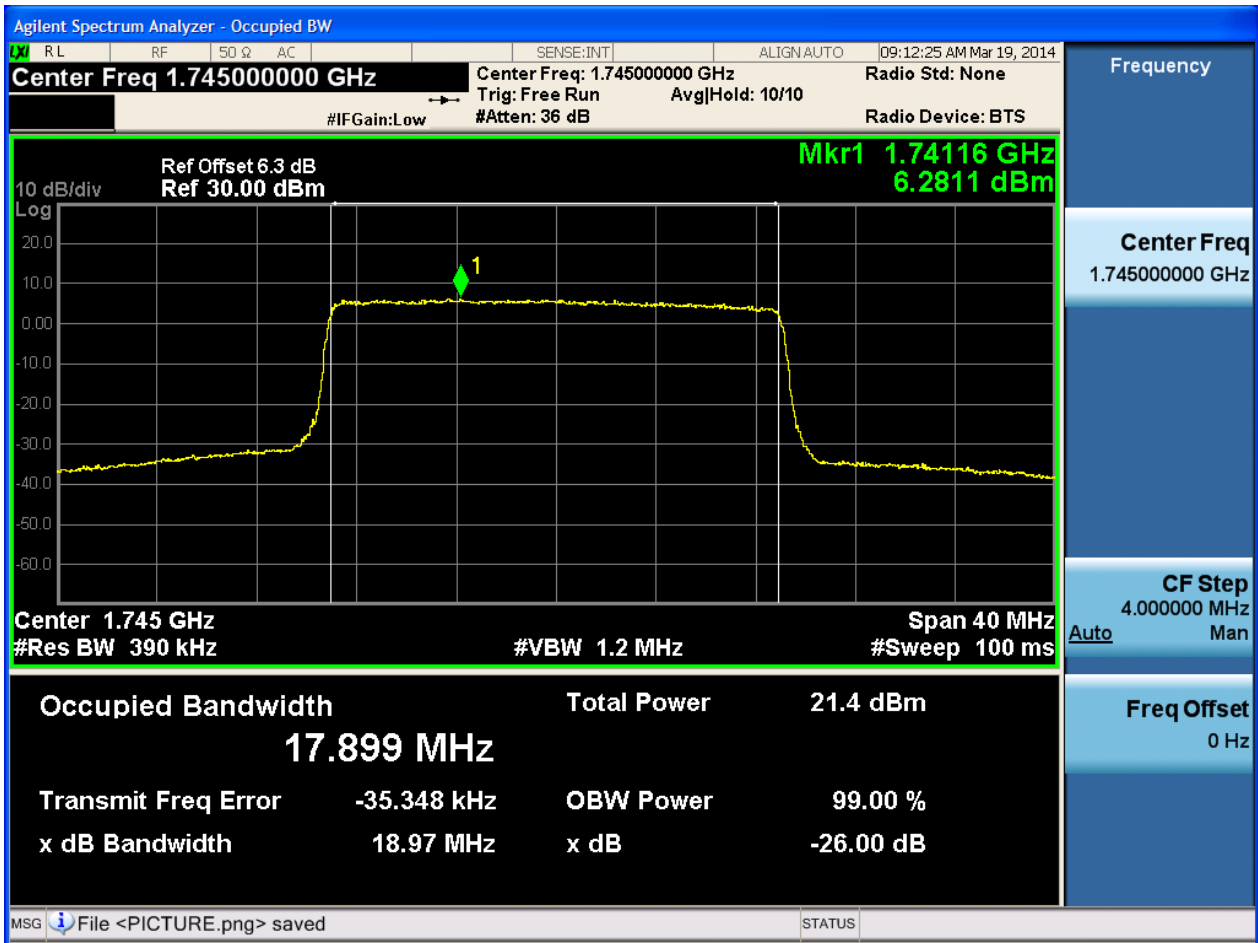
5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For UMTS

5.1.1 Test Band = WCDMA1700

5.1.1.1 Test Mode = UMTS/TM1

5.1.1.1.1 Test Channel = LCH
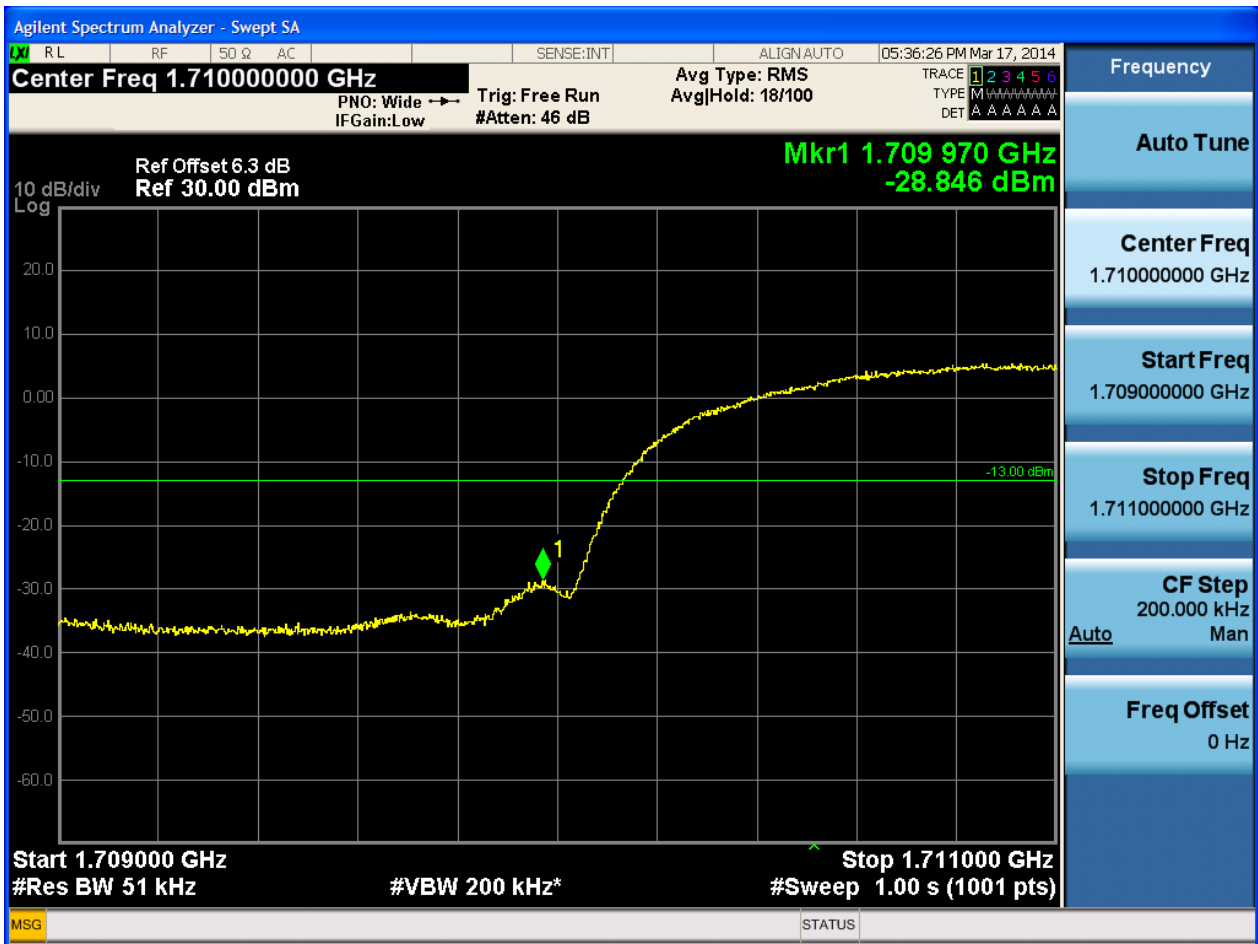
5.1.1.1.2 Test Channel = HCH

5.2 For LTE

5.2.1 Test Band = BAND4

5.2.1.1 Test Mode = LTE/TM1

5.2.1.1.1 Test Bandwidth = 1.4

5.2.1.1.1.1 Test Channel = LCH

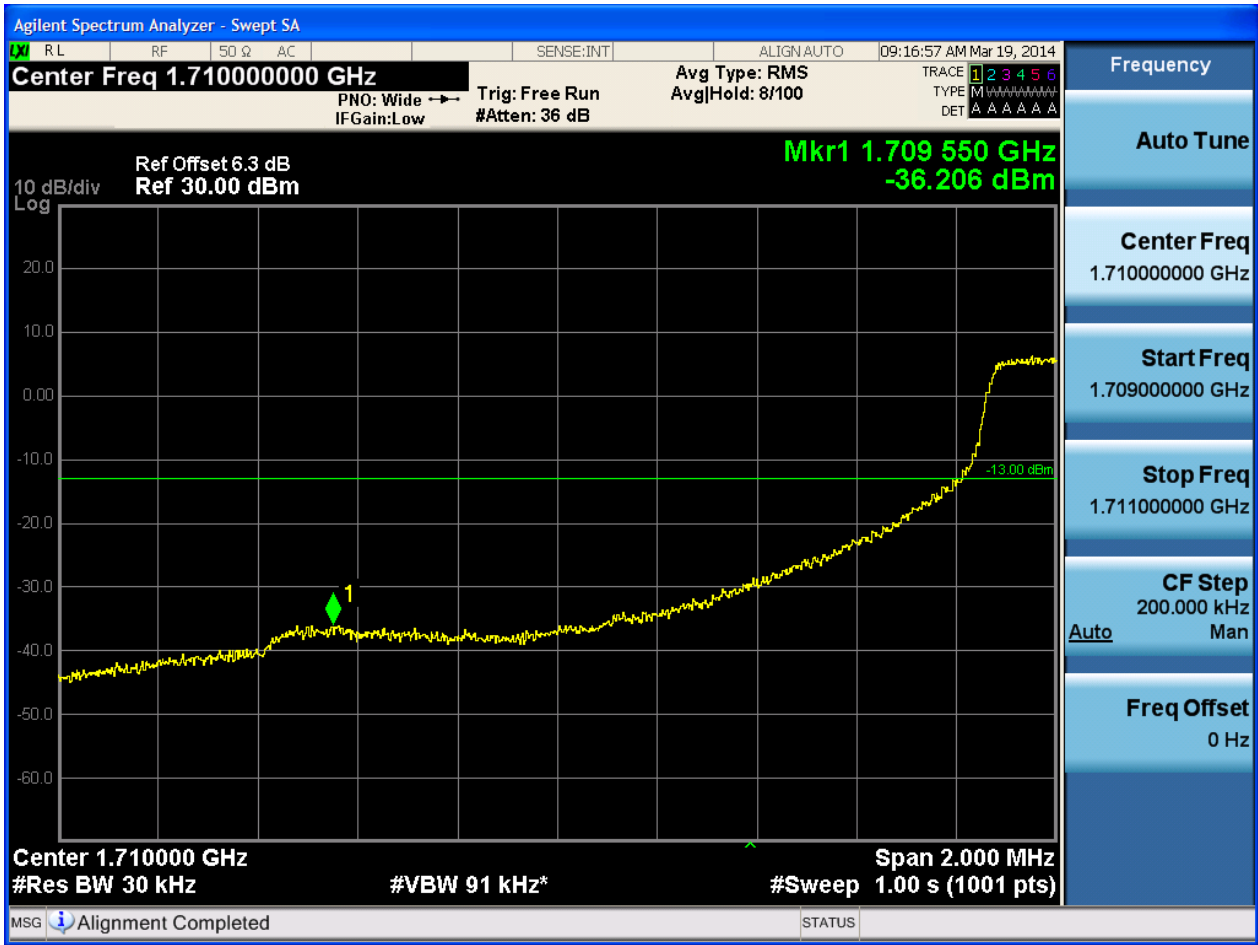####### 5.2.1.1.1.1.1 Test RB = RB1#0
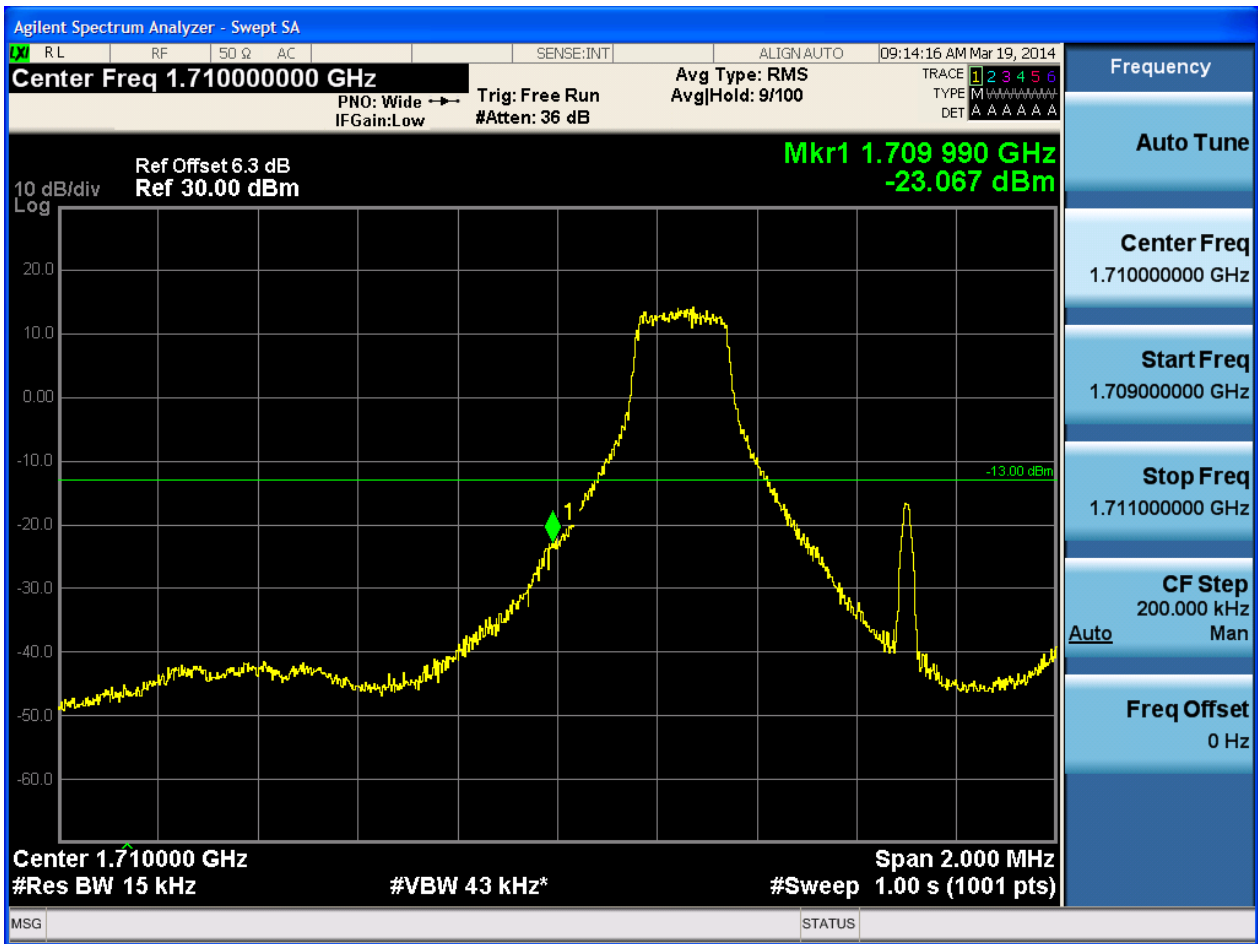
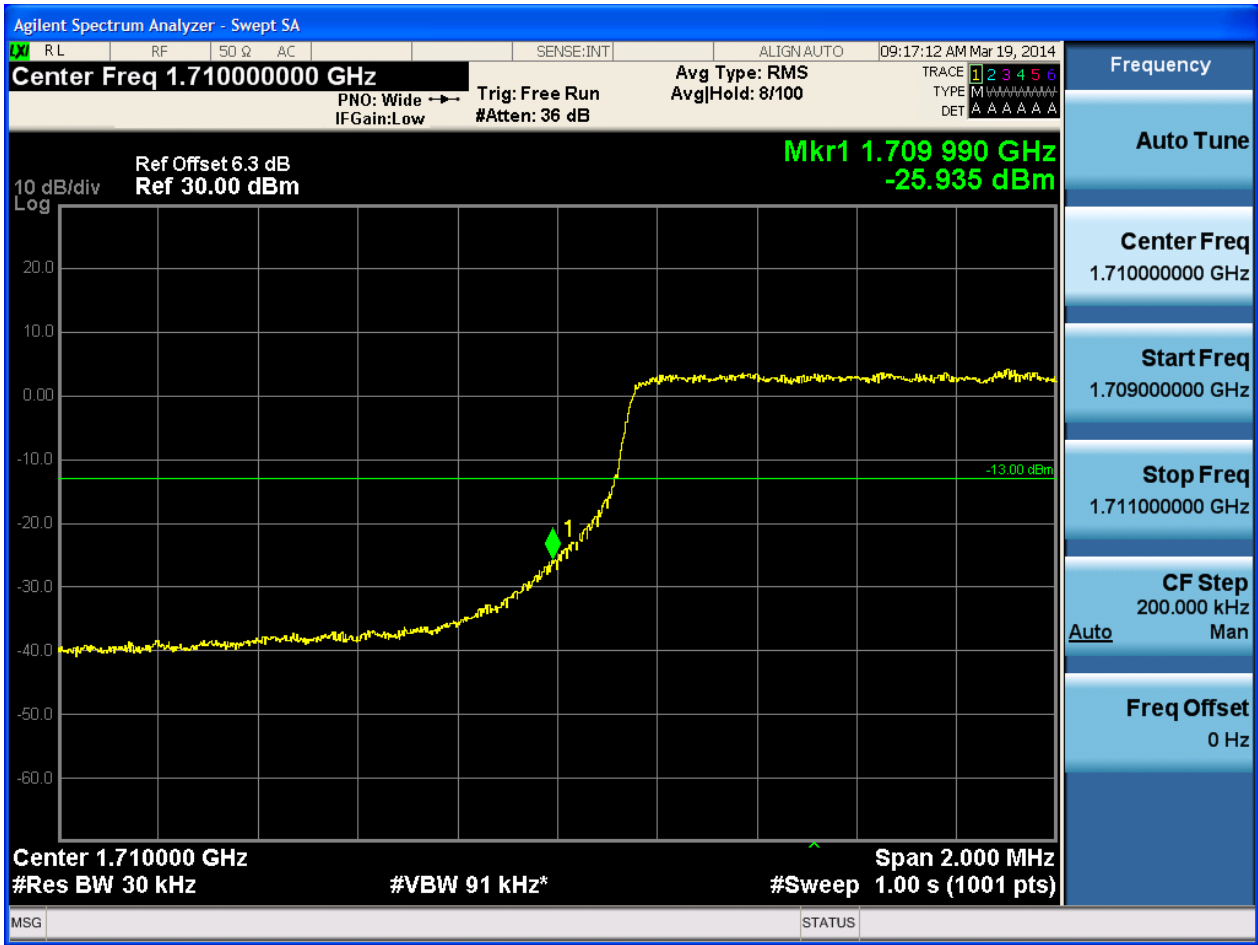## 5.2.1.1.1.1.2 Test RB = RB1#5
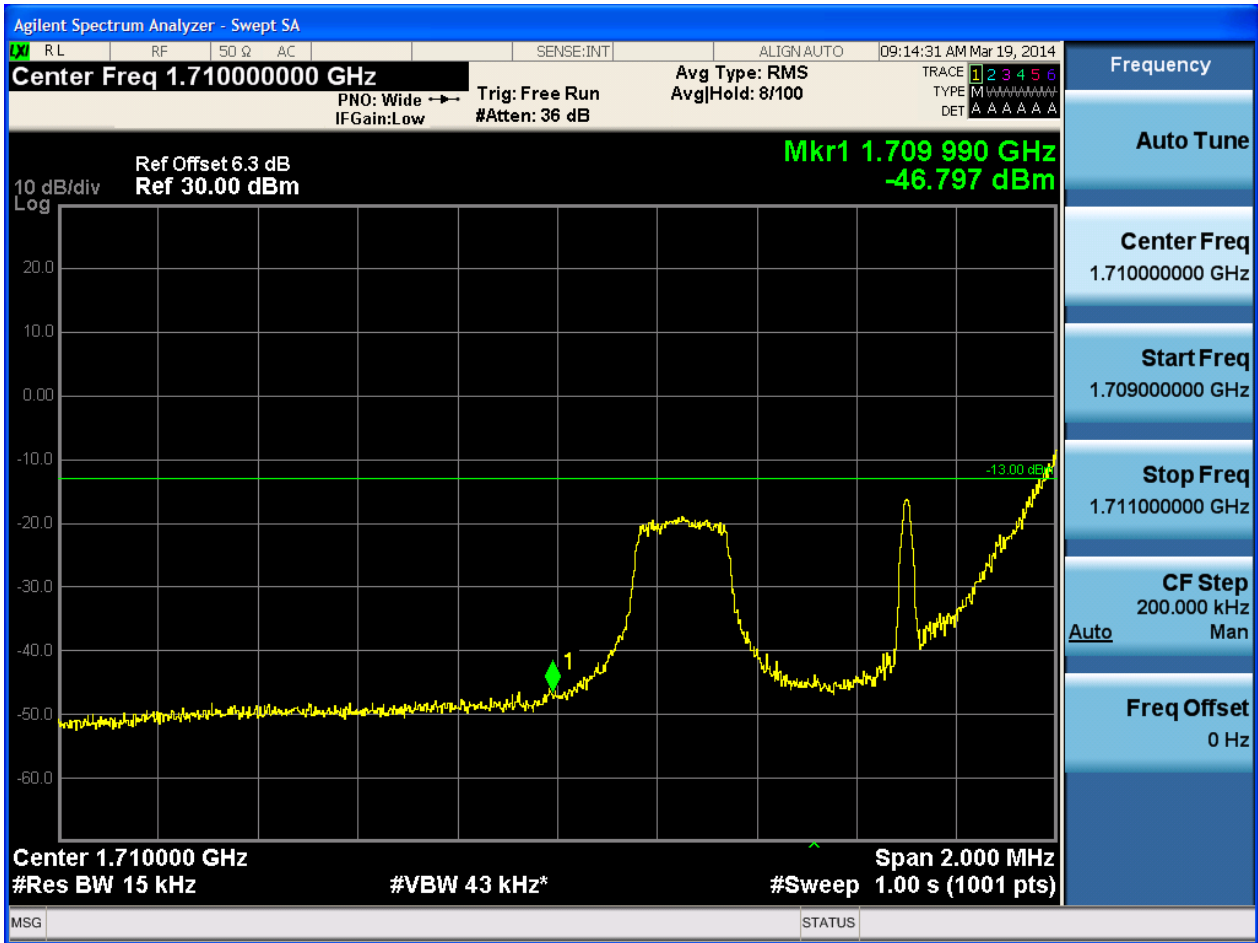
5.2.1.1.1.3 Test RB = RB3#2

5.2.1.1.1.1.4 Test RB = RB6#0
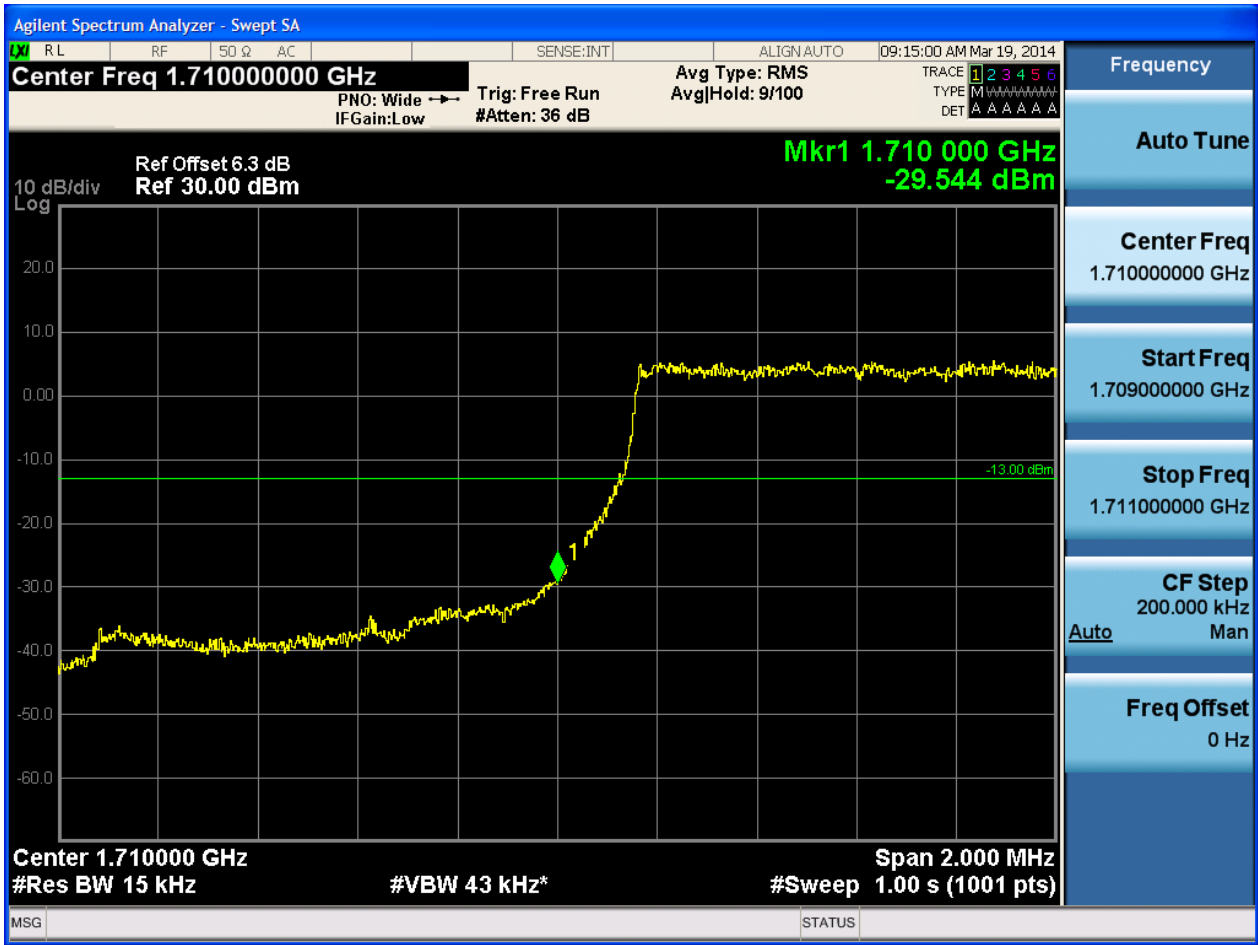
5.2.1.1.1.2 Test Channel = HCH

5.2.1.1.1.2.1 Test RB = RB1#0

5.2.1.1.1.2.2 Test RB = RB1#5

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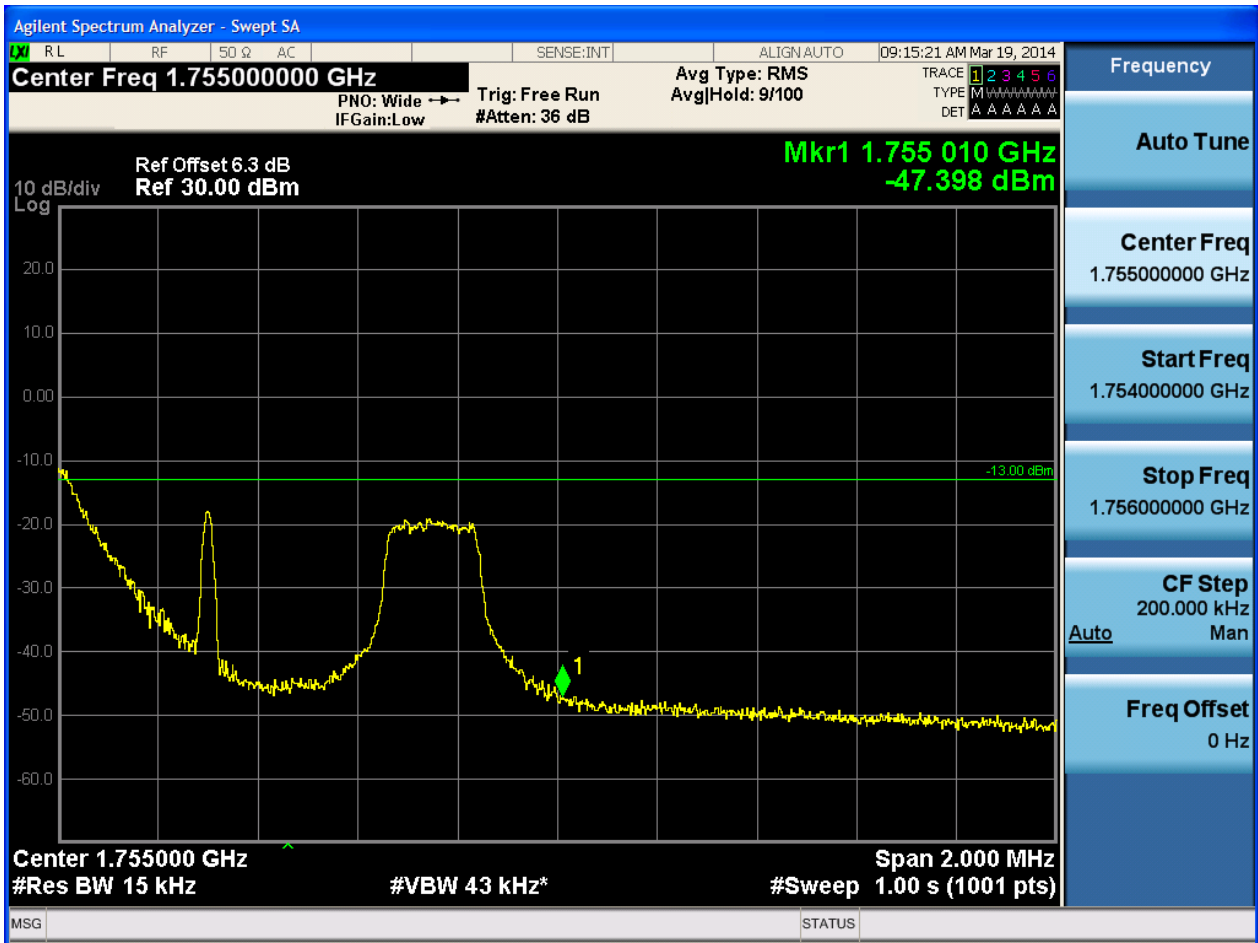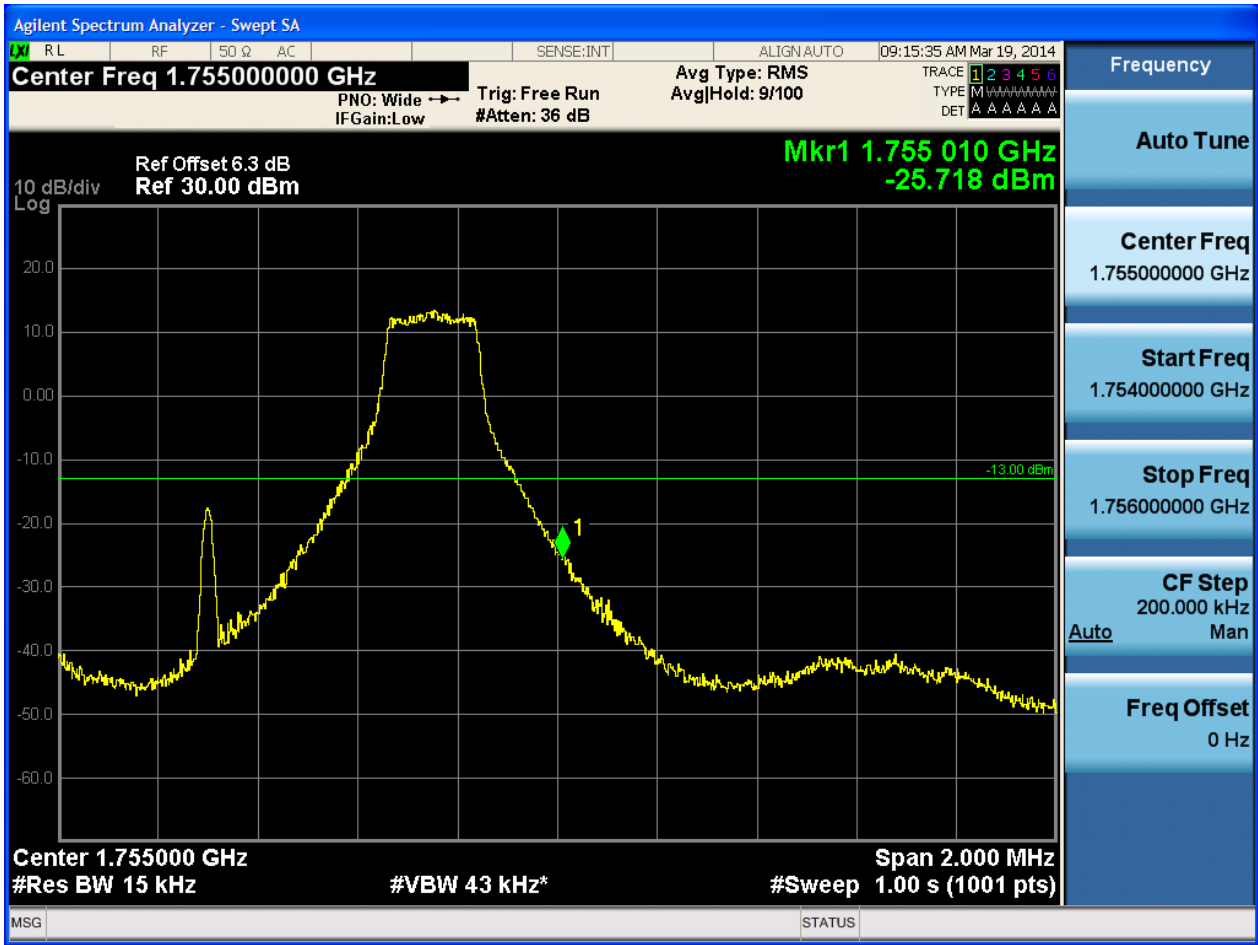
5.2.1.1.1.2.3 Test RB = RB3#2
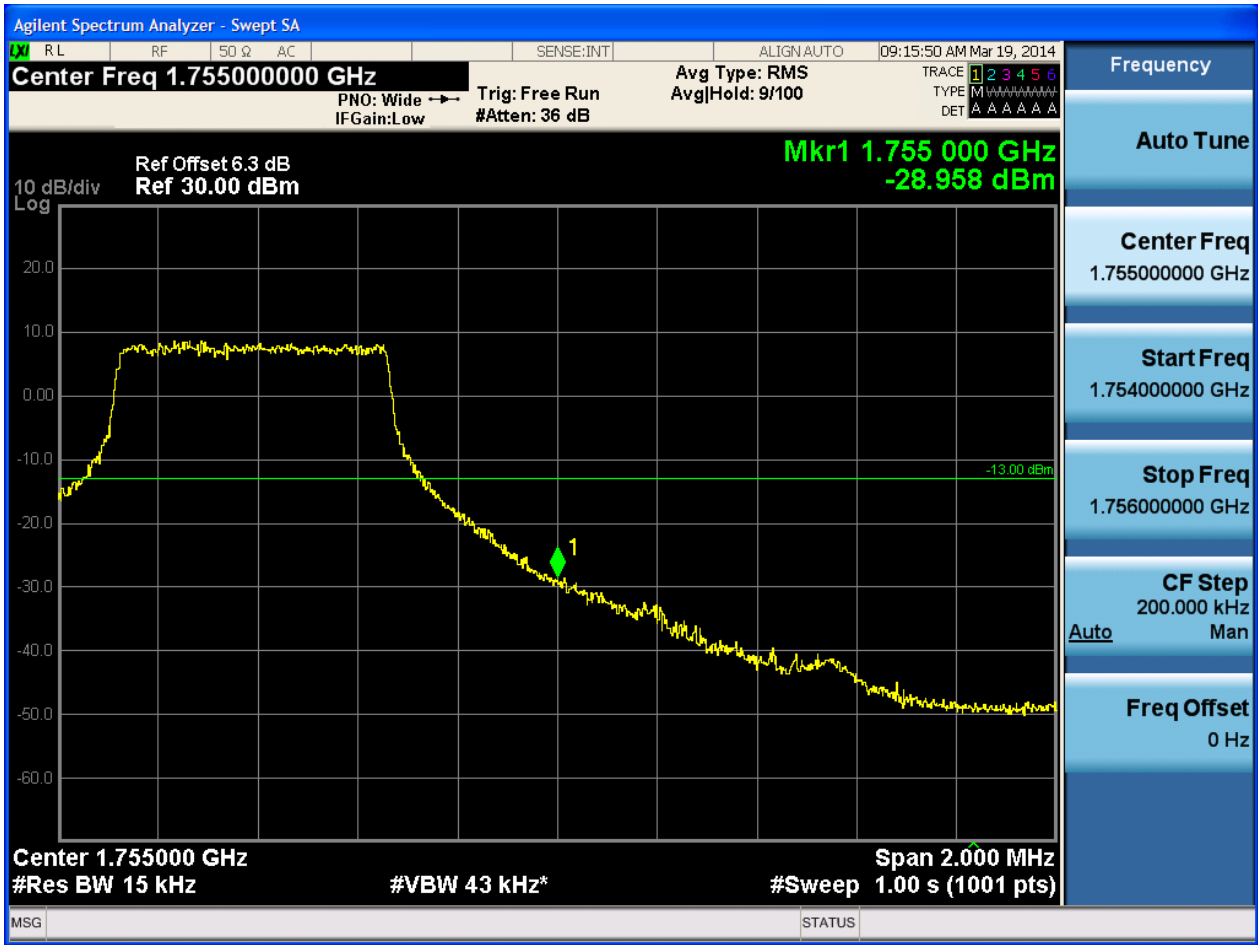
5.2.1.1.1.2.4 Test RB = RB6#0

5.2.1.1.2 Test Bandwidth = 3

5.2.1.1.2.1 Test Channel = LCH

5.2.1.1.2.1.1 Test RB = RB1#0
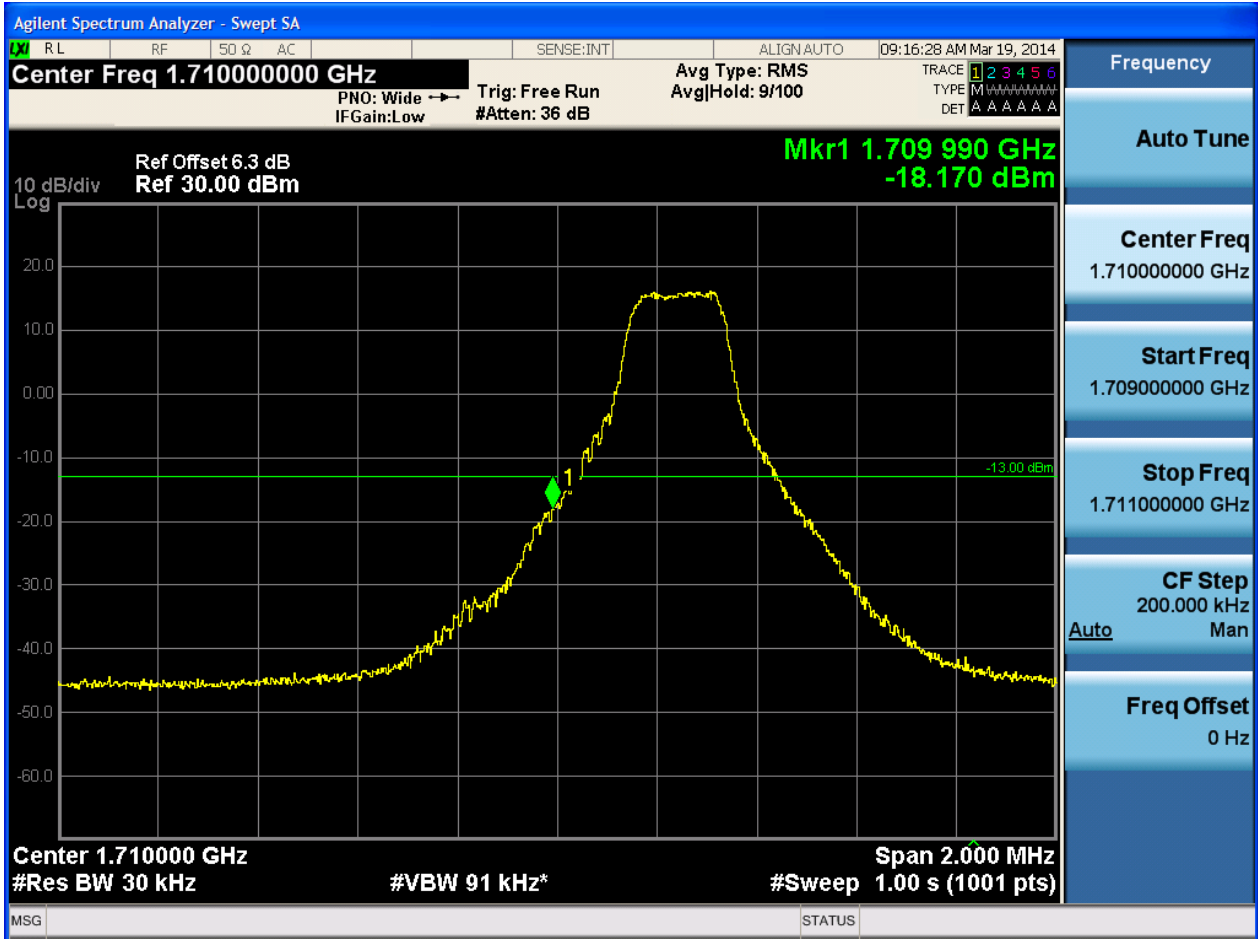
5.2.1.1.2.1.2 Test RB = RB1#14
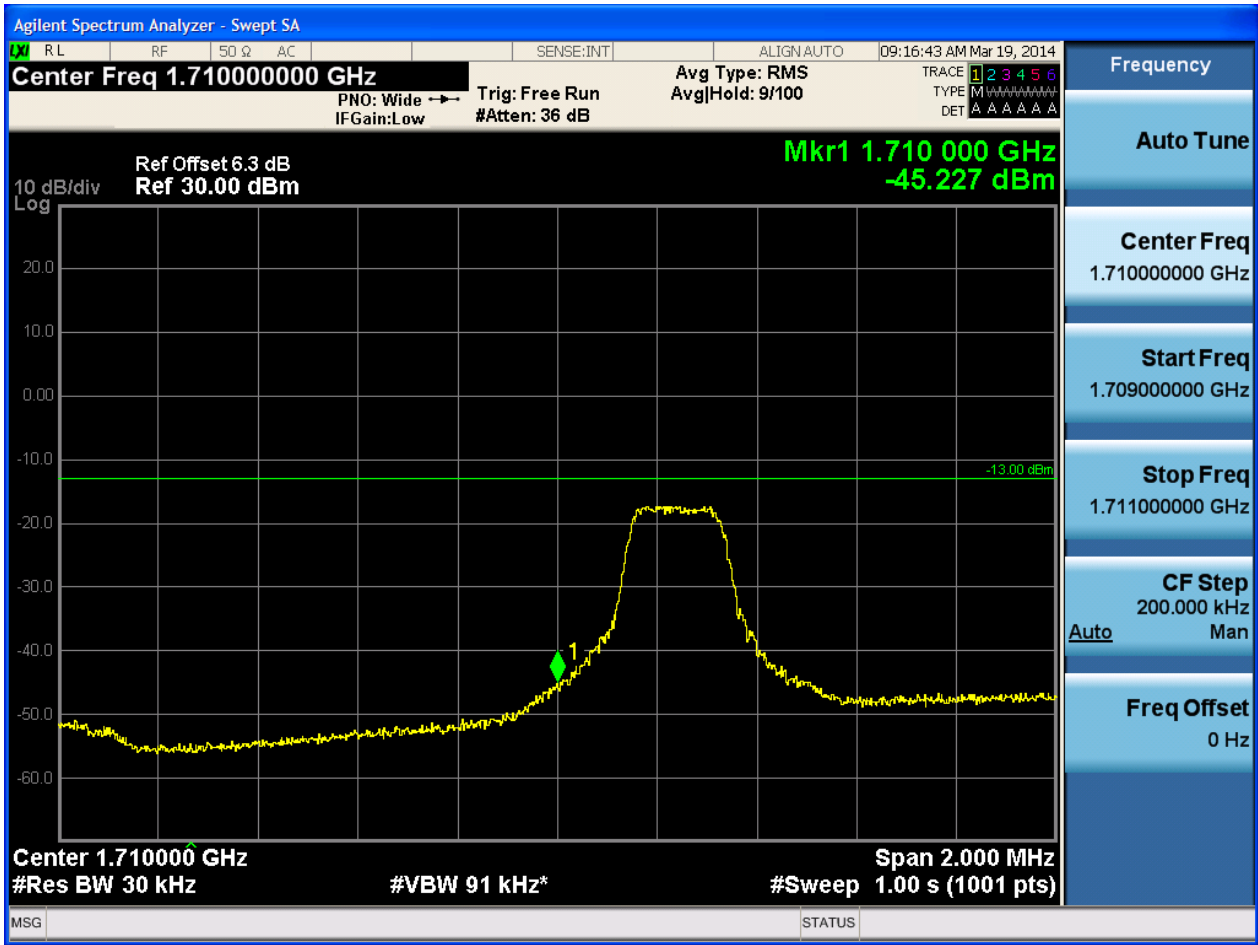
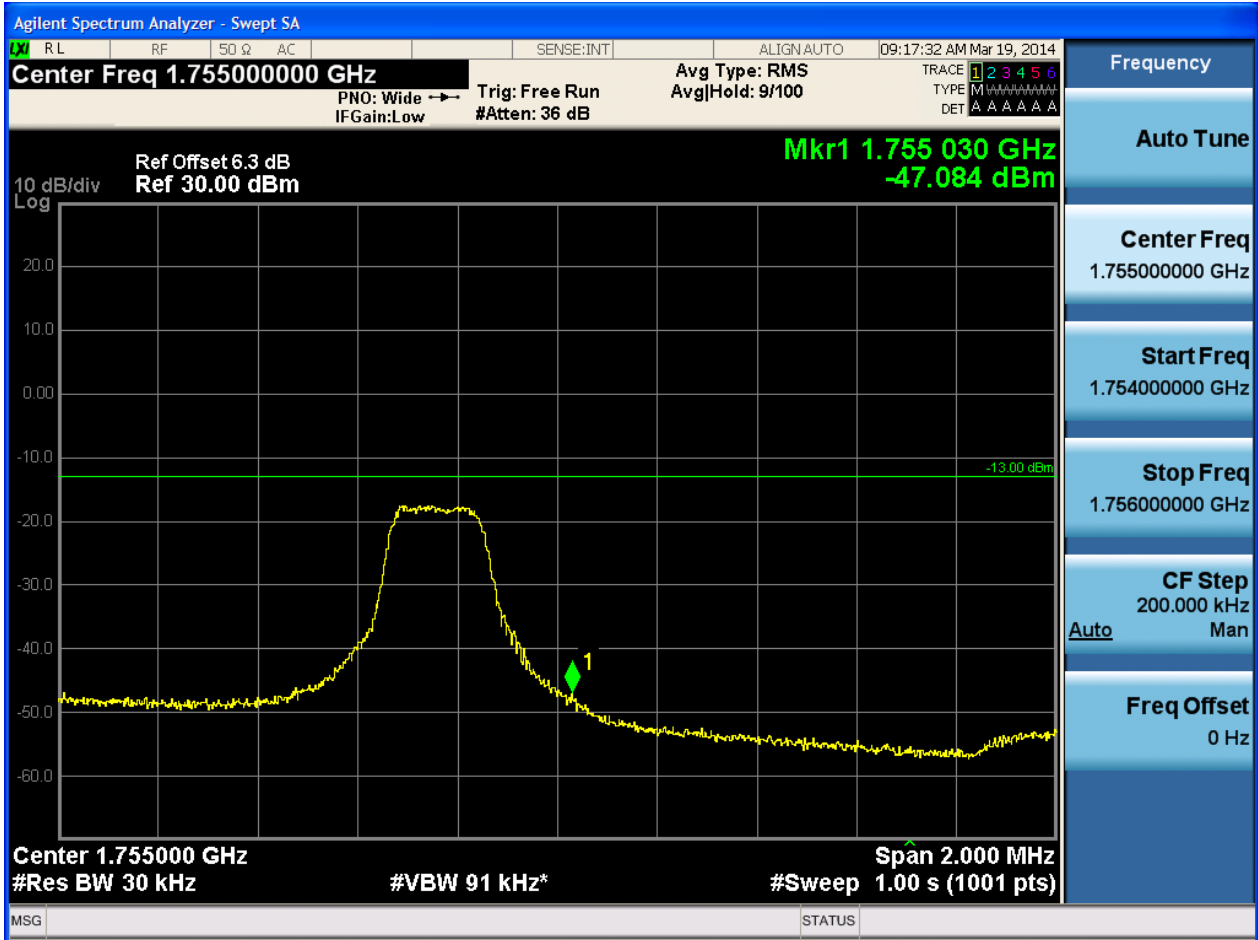## 5.2.1.1.2.1.3 Test RB = RB8#4

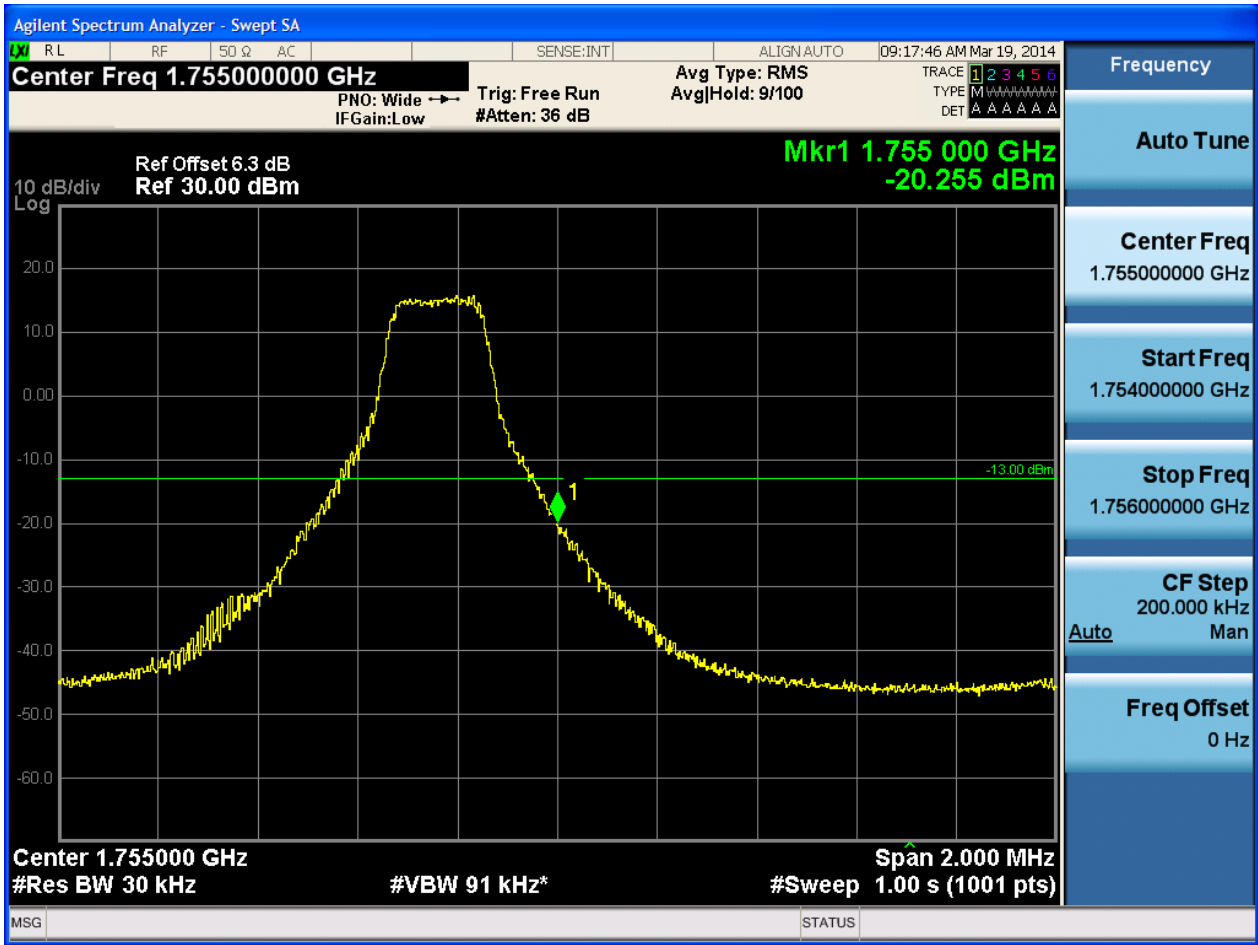## 5.2.1.1.2.1.4 Test RB = RB15#0

5.2.1.1.2.2 Test Channel = HCH

5.2.1.1.2.2.1 Test RB = RB1#0

5.2.1.1.2.2.2 Test RB = RB1#14

5.2.1.1.2.2.3 Test RB = RB8#4

5.2.1.1.2.2.4 Test RB = RB15#0