



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth h	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	22.73	23.40	30	PASS
				RB1#3	22.67	23.05	30	PASS
				RB1#5	22.75	23.32	30	PASS
				RB3#0	22.71	23.19	30	PASS
				RB3#2	22.7	23.04	30	PASS
				RB3#3	22.65	23.15	30	PASS
				RB6#0	21.74	22.19	30	PASS
			MCH	RB1#0	22.66	23.18	30	PASS
				RB1#3	22.49	22.95	30	PASS
				RB1#5	22.55	22.95	30	PASS
				RB3#0	22.62	23.15	30	PASS
				RB3#2	22.61	23.26	30	PASS
				RB3#3	22.45	22.91	30	PASS
				RB6#0	21.67	22.00	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.74	23.28	30	PASS
				RB1#3	22.65	23.30	30	PASS
				RB1#5	22.77	23.12	30	PASS
				RB3#0	22.72	23.15	30	PASS
				RB3#2	22.72	23.25	30	PASS
				RB3#3	22.68	23.23	30	PASS
				RB6#0	21.64	21.96	30	PASS
		3	LCH	RB1#0	22.76	23.20	30	PASS
				RB1#7	22.65	22.96	30	PASS
				RB1#14	22.65	23.30	30	PASS
				RB8#0	21.76	22.22	30	PASS
				RB8#4	21.64	22.26	30	PASS
				RB8#7	21.63	22.02	30	PASS
				RB15#0	21.61	22.24	30	PASS
			MCH	RB1#0	22.6	22.97	30	PASS
				RB1#7	22.59	23.28	30	PASS
				RB1#14	22.55	22.94	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.6	22.11	30	PASS
				RB8#4	21.65	22.15	30	PASS
				RB8#7	21.5	21.97	30	PASS
				RB15#0	21.56	21.99	30	PASS
			HCH	RB1#0	22.79	23.16	30	PASS
				RB1#7	22.73	23.04	30	PASS
				RB1#14	22.77	23.38	30	PASS
				RB8#0	21.6	22.09	30	PASS
				RB8#4	21.68	22.22	30	PASS
				RB8#7	21.65	22.17	30	PASS
				RB15#0	21.64	22.04	30	PASS
		5	LCH	RB1#0	22.74	23.28	30	PASS
				RB1#13	22.57	23.15	30	PASS
				RB1#24	22.64	23.32	30	PASS
				RB12#0	21.72	22.12	30	PASS
				RB12#6	21.6	22.15	30	PASS
				RB12#13	21.58	22.18	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.53	22.02	30	PASS
			MCH	RB1#0	22.63	23.30	30	PASS
				RB1#13	22.53	23.16	30	PASS
				RB1#24	22.57	23.19	30	PASS
				RB12#0	21.62	22.29	30	PASS
				RB12#6	21.6	22.02	30	PASS
				RB12#13	21.49	22.15	30	PASS
				RB25#0	21.59	21.91	30	PASS
			HCH	RB1#0	22.68	22.98	30	PASS
				RB1#13	22.7	23.23	30	PASS
				RB1#24	22.73	23.41	30	PASS
				RB12#0	21.61	21.96	30	PASS
				RB12#6	21.64	22.23	30	PASS
				RB12#13	21.63	22.06	30	PASS
				RB25#0	21.6	22.23	30	PASS
		10	LCH	RB1#0	22.73	23.38	30	PASS
				RB1#25	22.61	23.13	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.64	23.28	30	PASS
				RB25#0	21.56	21.94	30	PASS
				RB25#13	21.6	22.17	30	PASS
				RB25#25	21.6	22.27	30	PASS
				RB50#0	21.58	22.22	30	PASS
			MCH	RB1#0	22.67	23.08	30	PASS
				RB1#25	22.48	22.80	30	PASS
				RB1#49	22.62	23.17	30	PASS
				RB25#0	21.51	22.17	30	PASS
				RB25#13	21.59	21.98	30	PASS
				RB25#25	21.47	21.81	30	PASS
				RB50#0	21.48	22.00	30	PASS
			HCH	RB1#0	22.68	23.00	30	PASS
				RB1#25	22.63	23.02	30	PASS
				RB1#49	22.75	23.20	30	PASS
				RB25#0	21.48	21.93	30	PASS
				RB25#13	21.53	21.94	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.56	22.22	30	PASS
				RB50#0	21.49	22.11	30	PASS
		15	LCH	RB1#0	22.71	23.26	30	PASS
				RB1#38	22.66	22.99	30	PASS
				RB1#74	22.58	22.98	30	PASS
				RB38#0	21.61	22.02	30	PASS
				RB38#19	21.54	22.22	30	PASS
				RB38#39	21.51	22.02	30	PASS
				RB75#0	21.5	22.13	30	PASS
			MCH	RB1#0	22.63	23.08	30	PASS
				RB1#38	22.54	23.15	30	PASS
				RB1#74	22.63	23.08	30	PASS
				RB38#0	21.42	21.87	30	PASS
				RB38#19	21.47	22.01	30	PASS
				RB38#39	21.46	21.84	30	PASS
				RB75#0	21.45	21.77	30	PASS
			HCH	RB1#0	22.74	23.13	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.62	22.97	30	PASS
				RB1#74	22.72	23.32	30	PASS
				RB38#0	21.56	22.25	30	PASS
				RB38#19	21.42	22.02	30	PASS
				RB38#39	21.52	22.14	30	PASS
				RB75#0	21.49	21.87	30	PASS
		20	LCH	RB1#0	22.71	23.25	30	PASS
				RB1#50	22.61	23.05	30	PASS
				RB1#99	22.62	23.21	30	PASS
				RB50#0	21.59	22.23	30	PASS
				RB50#25	21.54	22.23	30	PASS
				RB50#50	21.44	22.08	30	PASS
				RB100#0	21.55	22.21	30	PASS
			MCH	RB1#0	22.6	23.21	30	PASS
				RB1#50	22.52	22.93	30	PASS
				RB1#99	22.69	23.29	30	PASS
				RB50#0	21.44	21.99	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.49	22.13	30	PASS
				RB50#50	21.47	21.95	30	PASS
				RB100#0	21.51	22.09	30	PASS
			HCH	RB1#0	22.64	23.11	30	PASS
				RB1#50	22.6	23.04	30	PASS
				RB1#99	22.68	23.08	30	PASS
				RB50#0	21.58	22.03	30	PASS
				RB50#25	21.39	21.81	30	PASS
				RB50#50	21.43	21.86	30	PASS
				RB100#0	21.41	21.83	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.54	22.12	30	PASS
				RB1#3	21.53	21.86	30	PASS
				RB1#5	21.53	21.84	30	PASS
				RB3#0	21.43	22.13	30	PASS
				RB3#2	21.46	22.15	30	PASS
				RB3#3	21.44	21.99	30	PASS
				RB6#0	20.52	21.17	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.46	22.00	30	PASS
				RB1#3	21.32	21.82	30	PASS
				RB1#5	21.39	22.06	30	PASS
				RB3#0	21.37	21.67	30	PASS
				RB3#2	21.36	22.04	30	PASS
				RB3#3	21.26	21.57	30	PASS
				RB6#0	20.44	20.92	30	PASS
			HCH	RB1#0	21.52	22.15	30	PASS
				RB1#3	21.52	22.16	30	PASS
				RB1#5	21.54	22.10	30	PASS
				RB3#0	21.42	21.91	30	PASS
				RB3#2	21.46	22.12	30	PASS
				RB3#3	21.49	21.89	30	PASS
				RB6#0	20.64	21.01	30	PASS
		3	LCH	RB1#0	21.61	22.26	30	PASS
				RB1#7	21.45	21.90	30	PASS
				RB1#14	21.42	21.96	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.66	21.21	30	PASS
				RB8#4	20.62	21.11	30	PASS
				RB8#7	20.5	20.97	30	PASS
				RB15#0	20.6	21.29	30	PASS
			MCH	RB1#0	21.48	22.13	30	PASS
				RB1#7	21.38	21.94	30	PASS
				RB1#14	21.4	22.06	30	PASS
				RB8#0	20.61	20.97	30	PASS
				RB8#4	20.63	21.33	30	PASS
				RB8#7	20.53	20.92	30	PASS
				RB15#0	20.64	21.13	30	PASS
			HCH	RB1#0	21.55	22.25	30	PASS
				RB1#7	21.55	21.89	30	PASS
				RB1#14	21.58	21.92	30	PASS
				RB8#0	20.69	21.00	30	PASS
				RB8#4	20.75	21.14	30	PASS
				RB8#7	20.73	21.26	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
		5		RB15#0	20.71	21.28	30	PASS
				RB1#0	21.77	22.44	30	PASS
				RB1#13	21.68	22.01	30	PASS
				RB1#24	21.68	22.12	30	PASS
				RB12#0	20.59	21.23	30	PASS
				RB12#6	20.52	21.06	30	PASS
				RB12#13	20.46	21.05	30	PASS
				RB25#0	20.53	21.22	30	PASS
			LCH	RB1#0	21.64	22.31	30	PASS
				RB1#13	21.58	22.05	30	PASS
				RB1#24	21.61	22.21	30	PASS
				RB12#0	20.58	21.02	30	PASS
				RB12#6	20.58	20.93	30	PASS
				RB12#13	20.49	21.16	30	PASS
				RB25#0	20.62	21.12	30	PASS
			HCH	RB1#0	21.71	22.16	30	PASS
				RB1#13	21.73	22.22	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.71	22.13	30	PASS
				RB12#0	20.61	20.92	30	PASS
				RB12#6	20.64	21.18	30	PASS
				RB12#13	20.65	21.01	30	PASS
				RB25#0	20.62	21.29	30	PASS
		10	LCH	RB1#0	21.51	22.15	30	PASS
				RB1#25	21.49	22.08	30	PASS
				RB1#49	21.47	22.04	30	PASS
				RB25#0	20.64	21.06	30	PASS
				RB25#13	20.71	21.11	30	PASS
				RB25#25	20.65	21.27	30	PASS
				RB50#0	20.59	21.17	30	PASS
			MCH	RB1#0	21.47	22.04	30	PASS
				RB1#25	21.31	21.96	30	PASS
				RB1#49	21.37	21.80	30	PASS
				RB25#0	20.62	21.11	30	PASS
				RB25#13	20.65	21.32	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.63	21.14	30	PASS
				RB50#0	20.49	20.98	30	PASS
			HCH	RB1#0	21.43	21.83	30	PASS
				RB1#25	21.41	21.83	30	PASS
				RB1#49	21.5	21.87	30	PASS
				RB25#0	20.66	21.17	30	PASS
				RB25#13	20.7	21.08	30	PASS
				RB25#25	20.75	21.28	30	PASS
				RB50#0	20.51	21.18	30	PASS
		15	LCH	RB1#0	21.5	22.08	30	PASS
				RB1#38	21.49	22.11	30	PASS
				RB1#74	21.36	21.75	30	PASS
				RB38#0	20.61	21.26	30	PASS
				RB38#19	20.56	21.10	30	PASS
				RB38#39	20.55	21.15	30	PASS
				RB75#0	20.55	20.98	30	PASS
			MCH	RB1#0	21.44	21.86	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.32	21.85	30	PASS
				RB1#74	21.44	21.77	30	PASS
				RB38#0	20.46	20.85	30	PASS
				RB38#19	20.53	21.11	30	PASS
				RB38#39	20.54	21.20	30	PASS
				RB75#0	20.52	20.99	30	PASS
			HCH	RB1#0	21.51	22.18	30	PASS
				RB1#38	21.41	21.83	30	PASS
				RB1#74	21.54	21.92	30	PASS
				RB38#0	20.62	21.08	30	PASS
				RB38#19	20.55	21.19	30	PASS
				RB38#39	20.58	21.12	30	PASS
				RB75#0	20.55	21.15	30	PASS
		20	LCH	RB1#0	21.5	21.86	30	PASS
				RB1#50	21.5	22.19	30	PASS
				RB1#99	21.44	21.80	30	PASS
				RB50#0	20.54	21.09	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.49	20.92	30	PASS
				RB50#50	20.45	20.82	30	PASS
				RB100#0	20.51	21.07	30	PASS
			MCH	RB1#0	21.43	21.76	30	PASS
				RB1#50	21.34	21.82	30	PASS
				RB1#99	21.51	22.16	30	PASS
				RB50#0	20.41	20.86	30	PASS
				RB50#25	20.47	20.87	30	PASS
				RB50#50	20.47	21.07	30	PASS
				RB100#0	20.48	20.98	30	PASS
			HCH	RB1#0	21.38	21.89	30	PASS
				RB1#50	21.41	21.73	30	PASS
				RB1#99	21.42	22.07	30	PASS
				RB50#0	20.58	21.24	30	PASS
				RB50#25	20.46	20.87	30	PASS
				RB50#50	20.47	20.79	30	PASS
				RB100#0	20.47	21.08	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,

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

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

b, SGP=Signal Generator Level

Note2: RBW > emission bandwidth, VBW > 3 x RBW.

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	4.81	13	PASS
				RB1#3	4.75	13	PASS
				RB1#5	4.79	13	PASS
				RB3#0	5.39	13	PASS
				RB3#2	5.32	13	PASS
				RB3#3	5.44	13	PASS
				RB6#0	6.13	13	PASS
			MCH	RB1#0	5.09	13	PASS
				RB1#3	5.11	13	PASS
				RB1#5	5.14	13	PASS
				RB3#0	4.87	13	PASS
				RB3#2	4.79	13	PASS
				RB3#3	4.88	13	PASS
				RB6#0	6.11	13	PASS
			HCH	RB1#0	4.72	13	PASS
				RB1#3	4.58	13	PASS
				RB1#5	4.6	13	PASS
				RB3#0	5.09	13	PASS
				RB3#2	4.97	13	PASS
				RB3#3	5.14	13	PASS
				RB6#0	6.21	13	PASS
		3	LCH	RB1#0	5.04	13	PASS
				RB1#7	5.01	13	PASS
				RB1#14	5.05	13	PASS
				RB8#0	5.79	13	PASS
				RB8#4	5.66	13	PASS
				RB8#7	5.8	13	PASS
				RB15#0	5.84	13	PASS
			MCH	RB1#0	5.08	13	PASS
				RB1#7	5.07	13	PASS
				RB1#14	5.05	13	PASS
				RB8#0	5.63	13	PASS
				RB8#4	5.77	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.84	13	PASS
				RB15#0	5.71	13	PASS
			HCH	RB1#0	4.98	13	PASS
				RB1#7	4.87	13	PASS
				RB1#14	4.76	13	PASS
				RB8#0	5.83	13	PASS
				RB8#4	5.55	13	PASS
				RB8#7	5.63	13	PASS
				RB15#0	5.72	13	PASS
		5	LCH	RB1#0	4.77	13	PASS
				RB1#13	4.73	13	PASS
				RB1#24	4.82	13	PASS
				RB12#0	5.47	13	PASS
				RB12#6	5.47	13	PASS
				RB12#13	5.55	13	PASS
				RB25#0	6.38	13	PASS
			MCH	RB1#0	4.8	13	PASS
				RB1#13	4.73	13	PASS
				RB1#24	4.78	13	PASS
				RB12#0	5.55	13	PASS
				RB12#6	5.42	13	PASS
				RB12#13	5.53	13	PASS
				RB25#0	5.85	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#13	4.65	13	PASS
				RB1#24	4.57	13	PASS
				RB12#0	5.49	13	PASS
				RB12#6	5.44	13	PASS
				RB12#13	5.47	13	PASS
				RB25#0	6.37	13	PASS
		10	LCH	RB1#0	5.02	13	PASS
				RB1#25	5.04	13	PASS
				RB1#49	5.06	13	PASS
				RB25#0	6.11	13	PASS
				RB25#13	6.13	13	PASS
				RB25#25	6.18	13	PASS
				RB50#0	5.98	13	PASS
			MCH	RB1#0	5.08	13	PASS
				RB1#25	5.07	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.1	13	PASS
				RB25#0	6.16	13	PASS
				RB25#13	6.11	13	PASS
				RB25#25	6.2	13	PASS
				RB50#0	5.92	13	PASS
			HCH	RB1#0	5.16	13	PASS
				RB1#25	4.95	13	PASS
				RB1#49	4.8	13	PASS
				RB25#0	6.1	13	PASS
				RB25#13	6.03	13	PASS
				RB25#25	6.13	13	PASS
				RB50#0	6.13	13	PASS
		15	LCH	RB1#0	5.04	13	PASS
				RB1#38	5.03	13	PASS
				RB1#74	5.09	13	PASS
				RB38#0	6.12	13	PASS
				RB38#19	6.09	13	PASS
				RB38#39	6.21	13	PASS
				RB75#0	6.3	13	PASS
			MCH	RB1#0	5.09	13	PASS
				RB1#38	5.03	13	PASS
				RB1#74	5.09	13	PASS
				RB38#0	6.12	13	PASS
				RB38#19	6.04	13	PASS
				RB38#39	6.21	13	PASS
				RB75#0	6.32	13	PASS
			HCH	RB1#0	5.09	13	PASS
				RB1#38	5.05	13	PASS
				RB1#74	4.81	13	PASS
				RB38#0	6.32	13	PASS
				RB38#19	6.19	13	PASS
				RB38#39	6.23	13	PASS
				RB75#0	6.35	13	PASS
		20	LCH	RB1#0	5.03	13	PASS
				RB1#50	5.07	13	PASS
				RB1#99	5.07	13	PASS
				RB50#0	6.14	13	PASS
				RB50#25	6.06	13	PASS
				RB50#50	6.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	6.37	13	PASS
			MCH	RB1#0	5.11	13	PASS
				RB1#50	5.02	13	PASS
				RB1#99	5.08	13	PASS
				RB50#0	6.15	13	PASS
				RB50#25	6.05	13	PASS
				RB50#50	6.16	13	PASS
				RB100#0	6.08	13	PASS
			HCH	RB1#0	5.09	13	PASS
				RB1#50	5.13	13	PASS
				RB1#99	4.8	13	PASS
				RB50#0	6.16	13	PASS
				RB50#25	6.13	13	PASS
				RB50#50	6.18	13	PASS
				RB100#0	6.24	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.72	13	PASS
				RB1#3	5.69	13	PASS
				RB1#5	5.74	13	PASS
				RB3#0	6.26	13	PASS
				RB3#2	6.18	13	PASS
				RB3#3	6.25	13	PASS
				RB6#0	6.85	13	PASS
			MCH	RB1#0	5.77	13	PASS
				RB1#3	5.71	13	PASS
				RB1#5	5.76	13	PASS
				RB3#0	6.32	13	PASS
				RB3#2	6.24	13	PASS
				RB3#3	6.34	13	PASS
				RB6#0	6.81	13	PASS
			HCH	RB1#0	5.59	13	PASS
				RB1#3	5.5	13	PASS
				RB1#5	5.51	13	PASS
				RB3#0	5.88	13	PASS
				RB3#2	5.84	13	PASS
				RB3#3	5.93	13	PASS
				RB6#0	6.71	13	PASS
		3	LCH	RB1#0	5.64	13	PASS
				RB1#7	5.56	13	PASS
				RB1#14	5.67	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.7	13	PASS
				RB8#4	6.57	13	PASS
				RB8#7	6.63	13	PASS
				RB15#0	6.89	13	PASS
			MCH	RB1#0	5.65	13	PASS
				RB1#7	5.56	13	PASS
				RB1#14	5.66	13	PASS
				RB8#0	6.61	13	PASS
				RB8#4	6.7	13	PASS
				RB8#7	6.68	13	PASS
				RB15#0	7	13	PASS
			HCH	RB1#0	5.64	13	PASS
				RB1#7	5.51	13	PASS
				RB1#14	5.52	13	PASS
				RB8#0	6.79	13	PASS
				RB8#4	6.56	13	PASS
				RB8#7	6.59	13	PASS
				RB15#0	6.83	13	PASS
		5	LCH	RB1#0	5.99	13	PASS
				RB1#13	5.97	13	PASS
				RB1#24	6.1	13	PASS
				RB12#0	6.57	13	PASS
				RB12#6	6.56	13	PASS
				RB12#13	6.48	13	PASS
				RB25#0	7.1	13	PASS
			MCH	RB1#0	6.11	13	PASS
				RB1#13	6.02	13	PASS
				RB1#24	6.09	13	PASS
				RB12#0	6.56	13	PASS
				RB12#6	6.52	13	PASS
				RB12#13	6.52	13	PASS
				RB25#0	6.96	13	PASS
			HCH	RB1#0	6.05	13	PASS
				RB1#13	5.89	13	PASS
				RB1#24	5.86	13	PASS
				RB12#0	6.57	13	PASS
				RB12#6	6.53	13	PASS
				RB12#13	6.49	13	PASS
				RB25#0	7.13	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.76	13	PASS
				RB1#25	5.74	13	PASS
				RB1#49	5.85	13	PASS
				RB25#0	7.02	13	PASS
				RB25#13	6.96	13	PASS
				RB25#25	6.98	13	PASS
				RB50#0	7.19	13	PASS
			MCH	RB1#0	5.81	13	PASS
				RB1#25	5.73	13	PASS
				RB1#49	5.82	13	PASS
				RB25#0	7.01	13	PASS
				RB25#13	6.95	13	PASS
				RB25#25	6.92	13	PASS
				RB50#0	7.33	13	PASS
			HCH	RB1#0	5.92	13	PASS
				RB1#25	5.68	13	PASS
				RB1#49	5.62	13	PASS
				RB25#0	6.99	13	PASS
				RB25#13	6.94	13	PASS
				RB25#25	6.89	13	PASS
				RB50#0	7.03	13	PASS
		15	LCH	RB1#0	5.74	13	PASS
				RB1#38	5.7	13	PASS
				RB1#74	5.83	13	PASS
				RB38#0	7.13	13	PASS
				RB38#19	7.26	13	PASS
				RB38#39	7.22	13	PASS
				RB75#0	6.89	13	PASS
			MCH	RB1#0	5.81	13	PASS
				RB1#38	5.73	13	PASS
				RB1#74	5.85	13	PASS
				RB38#0	7.19	13	PASS
				RB38#19	7.26	13	PASS
				RB38#39	7.23	13	PASS
				RB75#0	7.07	13	PASS
			HCH	RB1#0	5.83	13	PASS
				RB1#38	5.77	13	PASS
				RB1#74	5.64	13	PASS
				RB38#0	7.3	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	7.28	13	PASS
				RB38#39	7.23	13	PASS
				RB75#0	6.97	13	PASS
		20	LCH	RB1#0	5.79	13	PASS
				RB1#50	5.75	13	PASS
				RB1#99	5.79	13	PASS
				RB50#0	7.18	13	PASS
				RB50#25	7.16	13	PASS
				RB50#50	7.2	13	PASS
				RB100#0	7.13	13	PASS
			MCH	RB1#0	5.83	13	PASS
				RB1#50	5.74	13	PASS
				RB1#99	5.82	13	PASS
				RB50#0	7.22	13	PASS
				RB50#25	7.19	13	PASS
				RB50#50	7.24	13	PASS
				RB100#0	7.18	13	PASS
			HCH	RB1#0	5.83	13	PASS
				RB1#50	5.84	13	PASS
				RB1#99	5.68	13	PASS
				RB50#0	7.15	13	PASS
				RB50#25	7.23	13	PASS
				RB50#50	7.31	13	PASS
				RB100#0	7.18	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

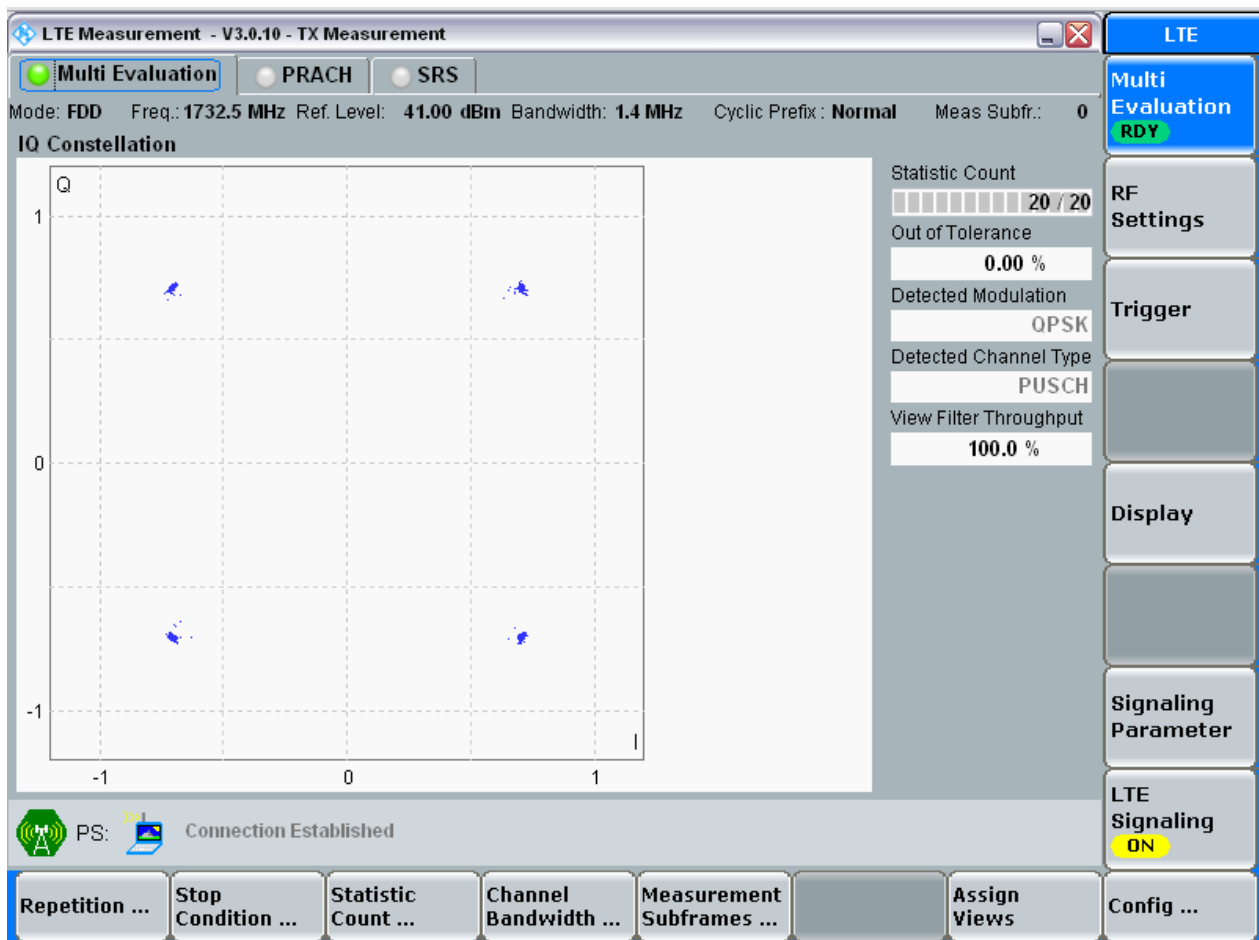
3.1.1 Test Band = BAND4

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

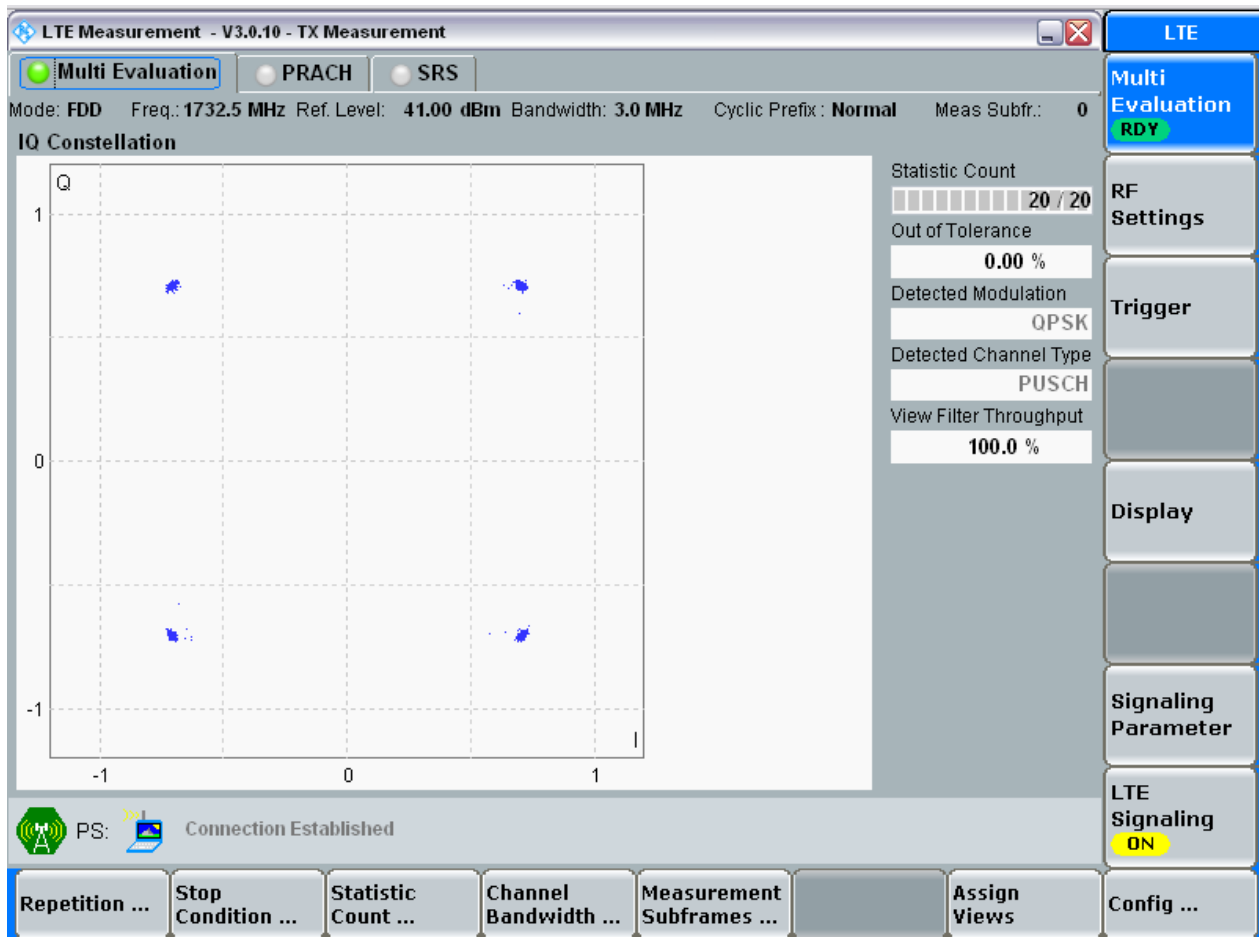
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

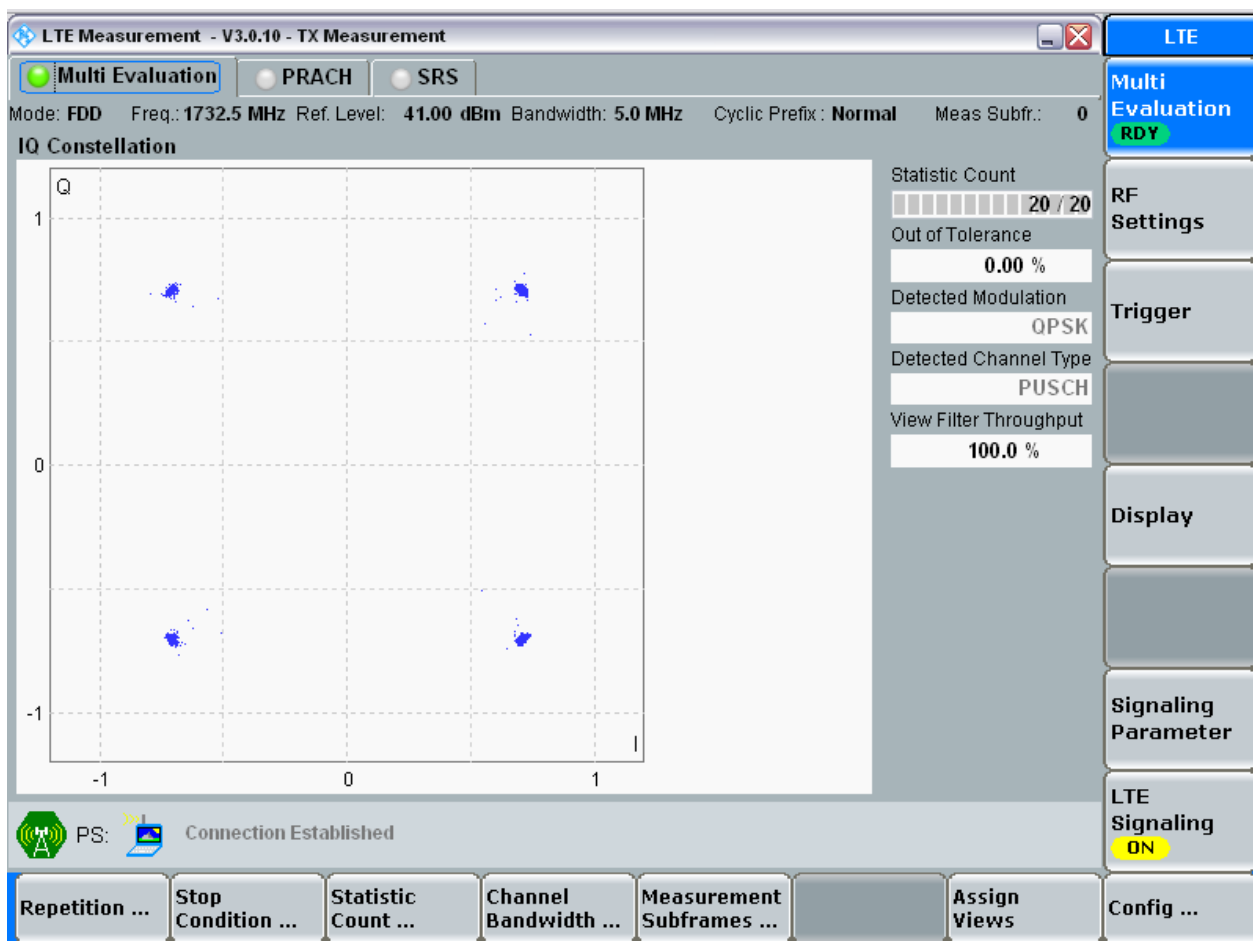
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

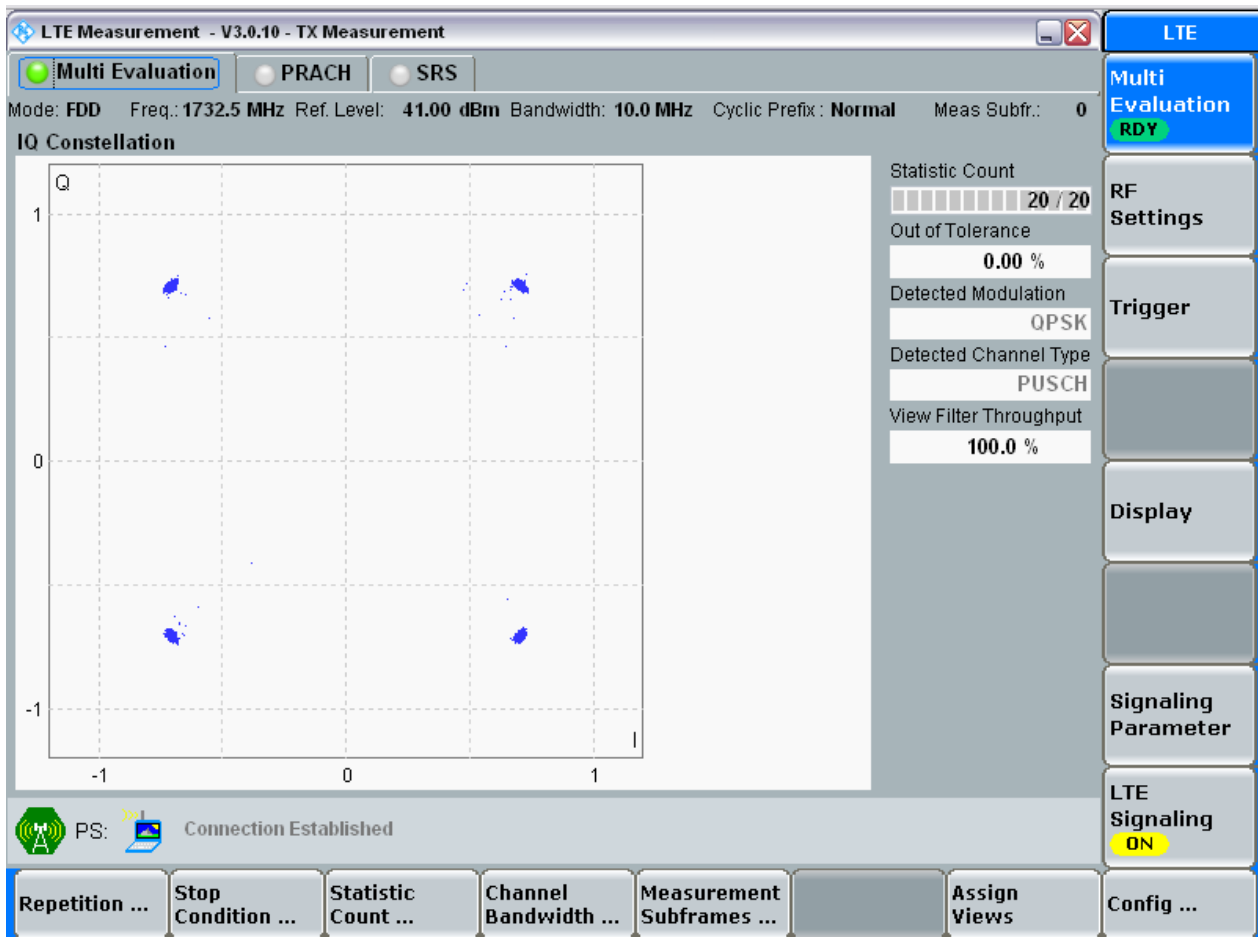
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

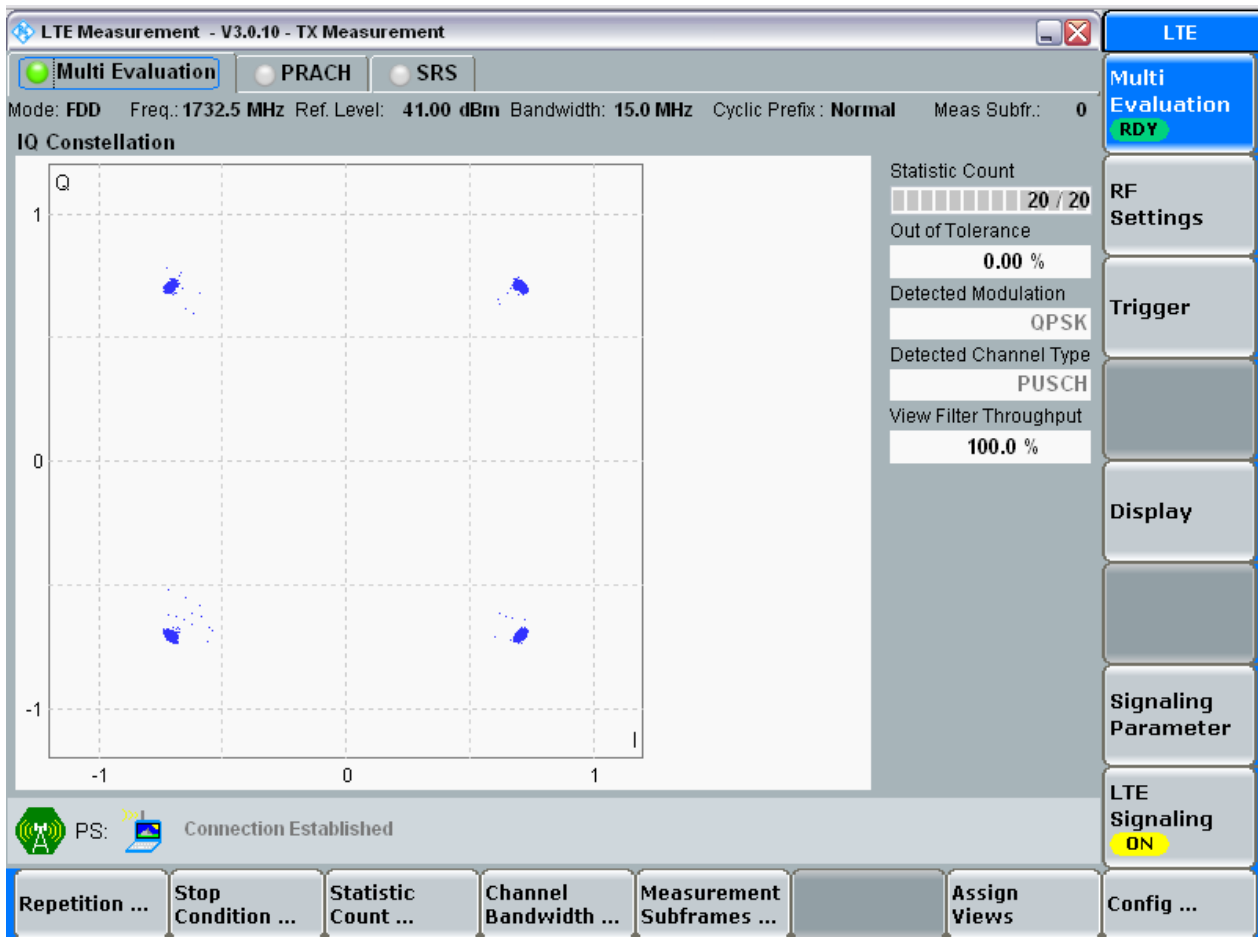
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

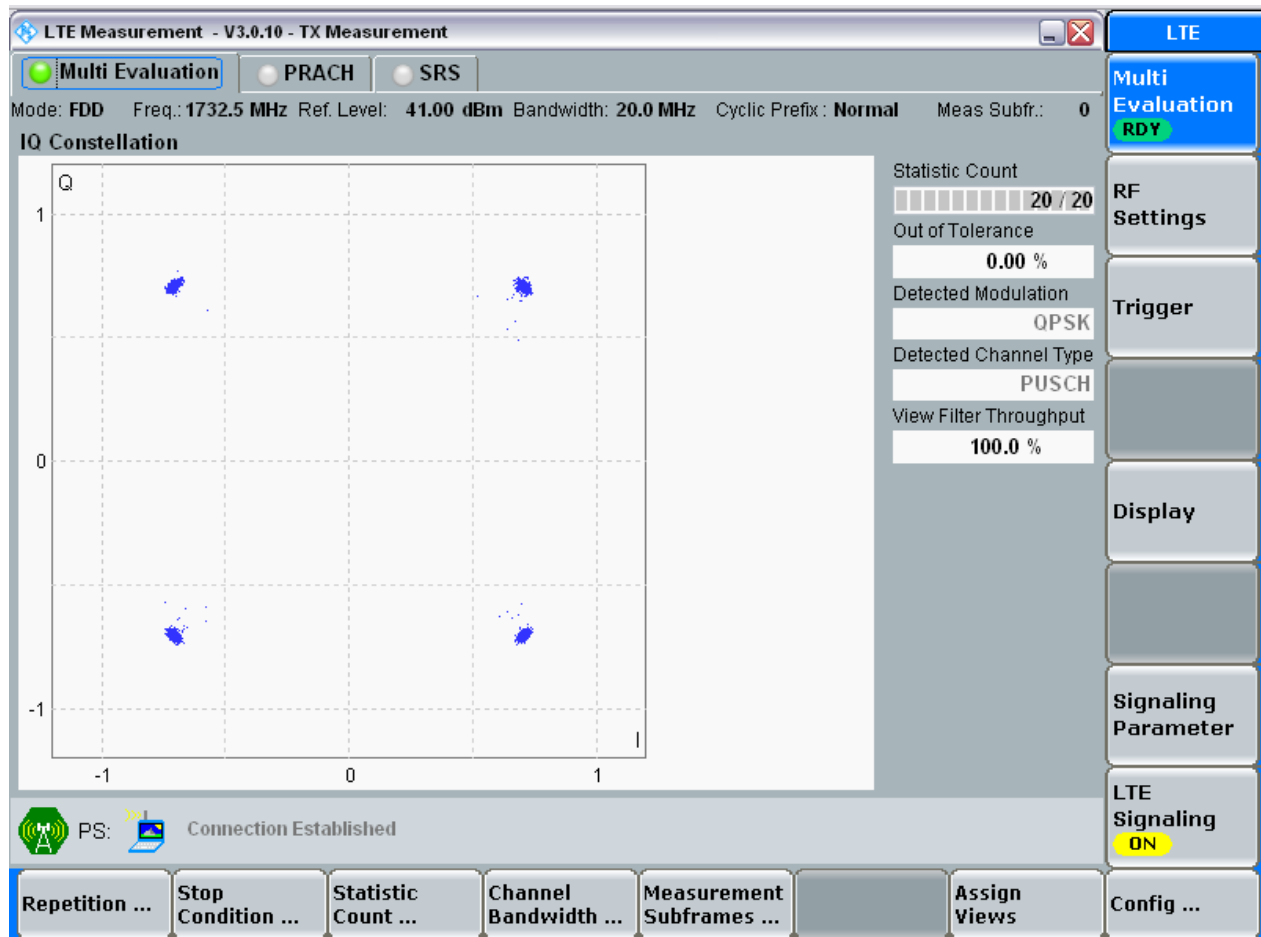
3.1.1.1.5.1.1 Test RB = RB75#0



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

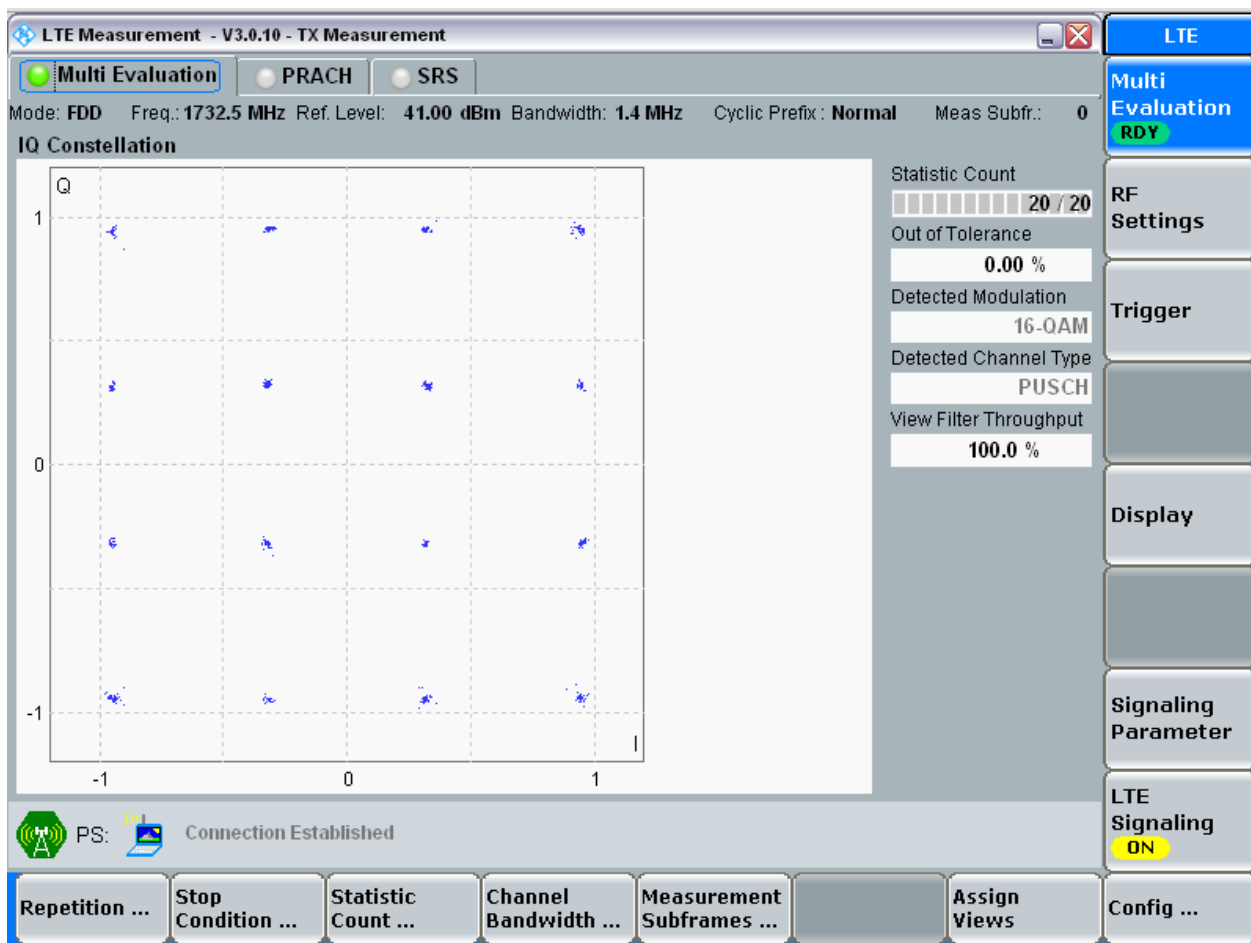


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

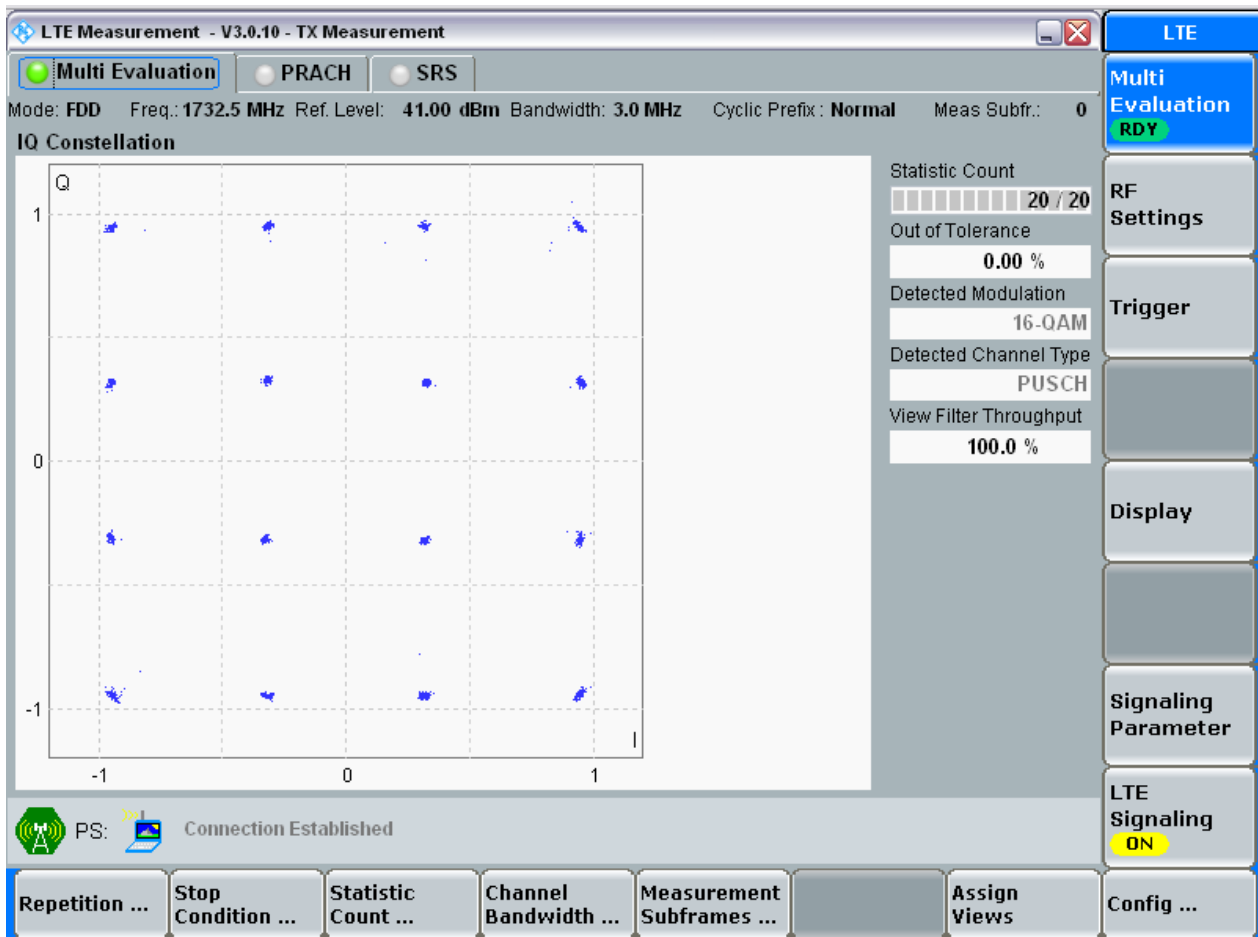
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

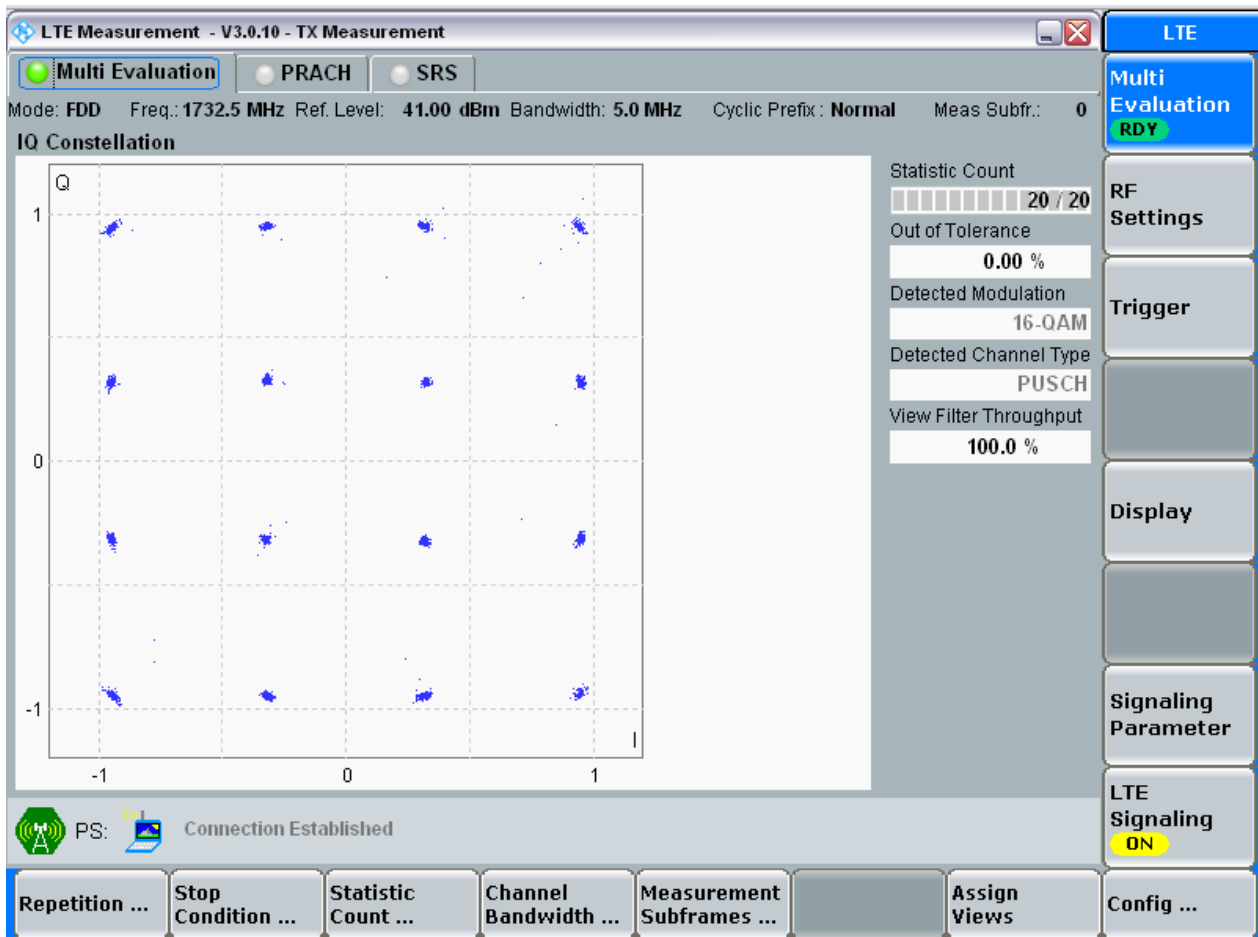
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

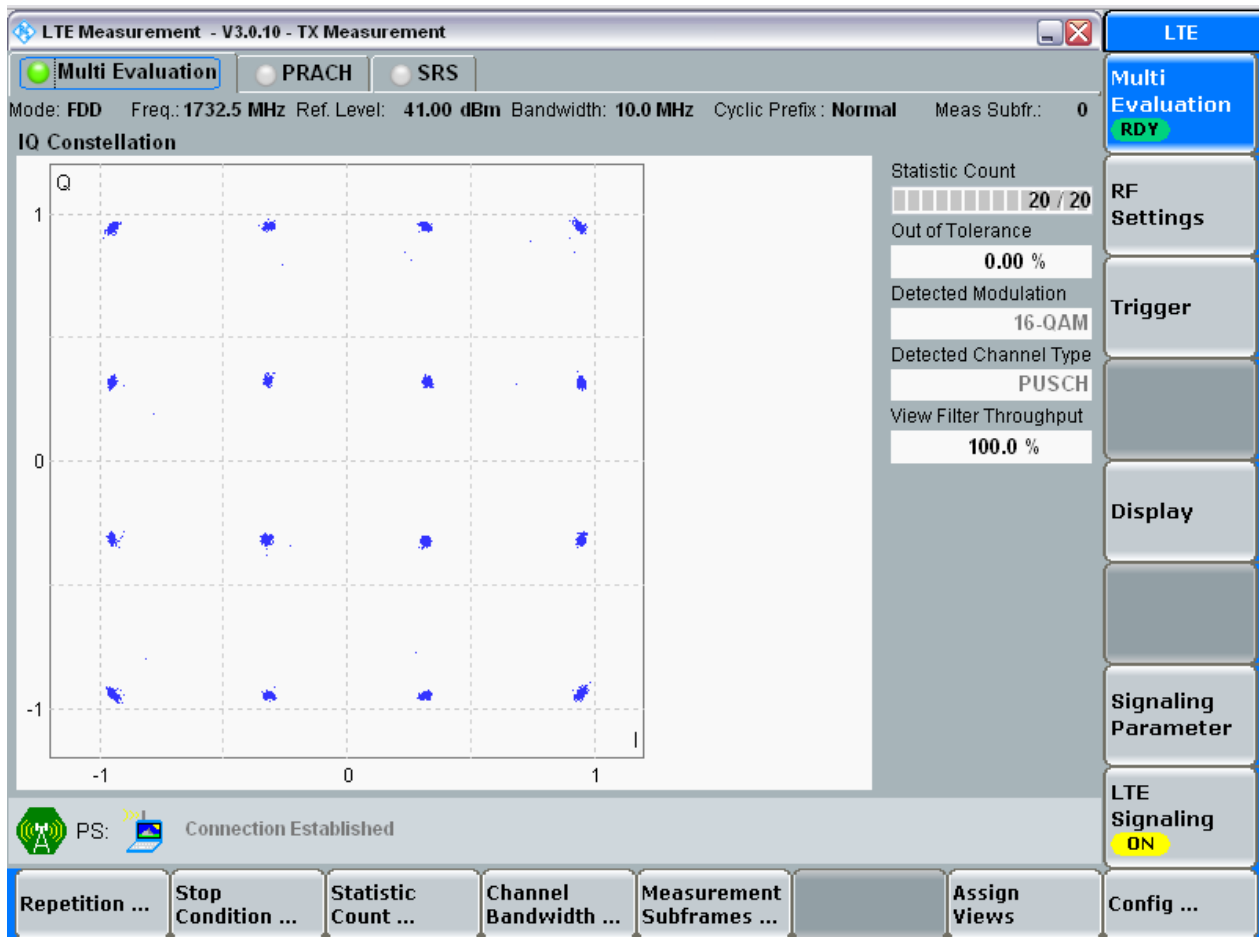
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

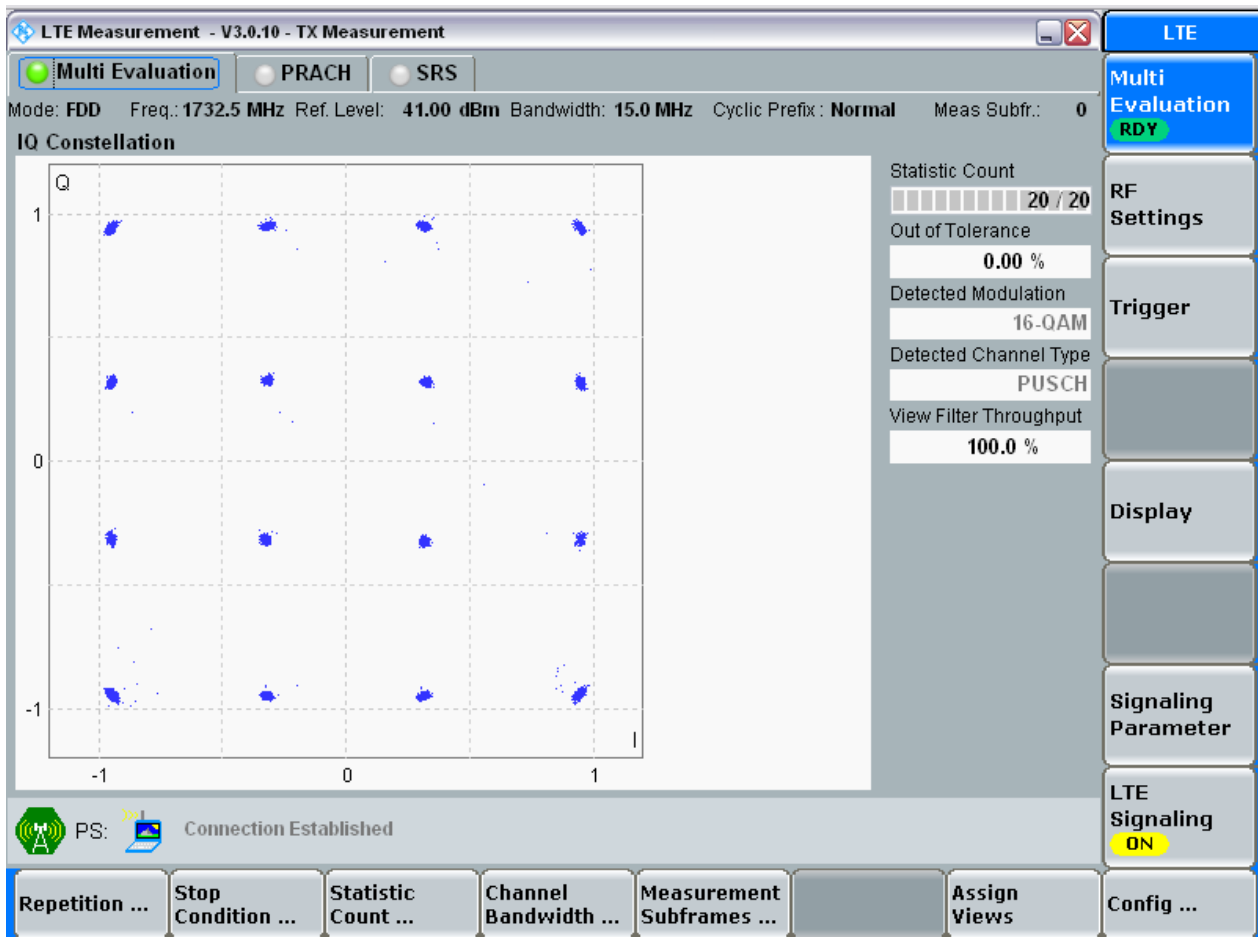
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

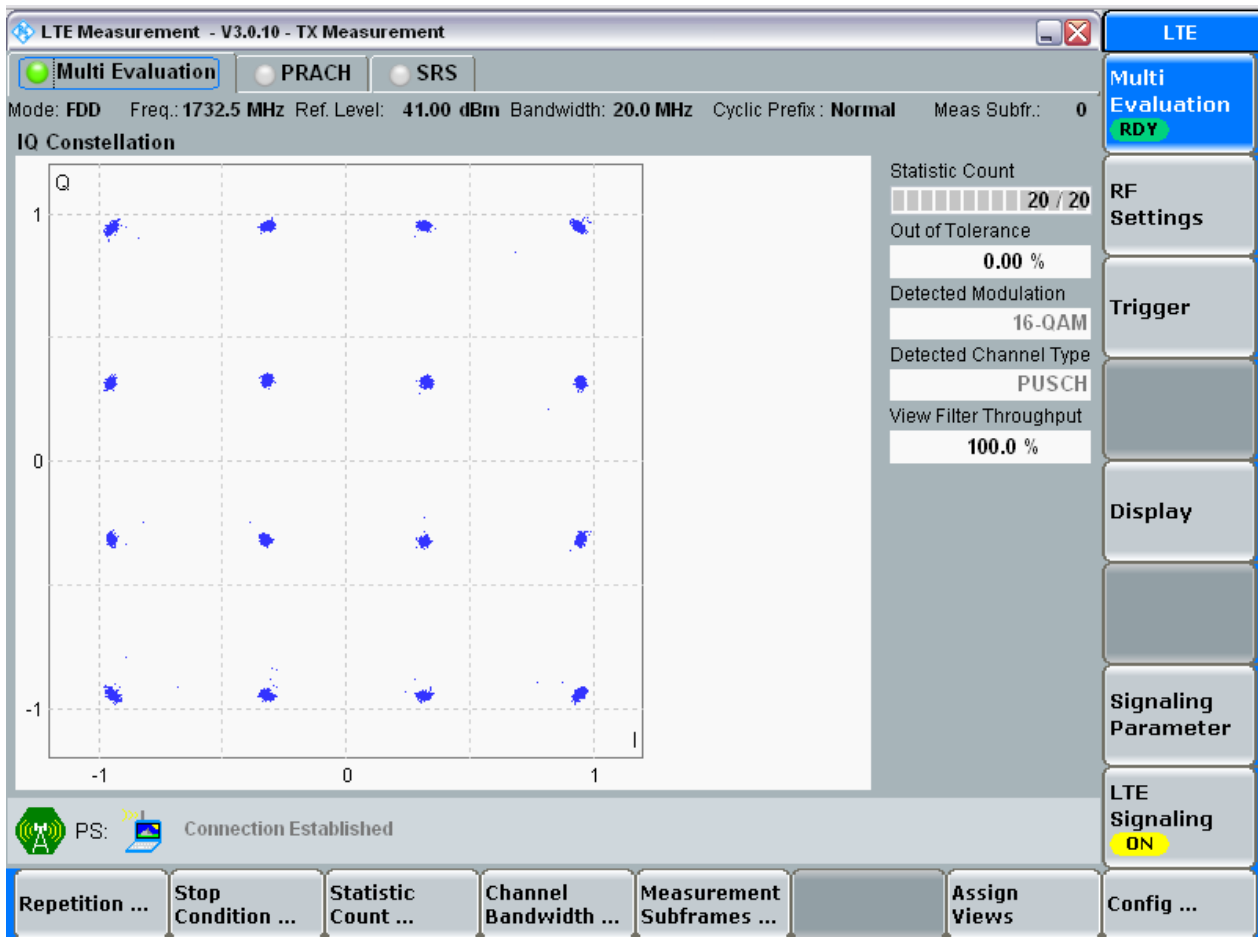
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.25	Pass
			MCH	RB6#0	1.08	1.24	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.91	Pass
			MCH	RB15#0	2.70	2.92	Pass
			HCH	RB15#0	2.70	2.91	Pass
		5	LCH	RB25#0	4.51	4.91	Pass
			MCH	RB25#0	4.50	4.88	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.99	9.57	Pass
			MCH	RB50#0	8.99	9.60	Pass
			HCH	RB50#0	8.98	9.57	Pass
		15	LCH	RB75#0	13.45	14.24	Pass
			MCH	RB75#0	13.45	14.25	Pass
			HCH	RB75#0	13.45	14.25	Pass
		20	LCH	RB100#0	17.93	18.99	Pass
			MCH	RB100#0	17.93	19.00	Pass
			HCH	RB100#0	17.92	18.97	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.26	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.26	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.51	4.88	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.97	9.54	Pass
			MCH	RB50#0	8.97	9.56	Pass
			HCH	RB50#0	8.97	9.56	Pass
		15	LCH	RB75#0	13.45	14.27	Pass
			MCH	RB75#0	13.46	14.31	Pass
			HCH	RB75#0	13.45	14.30	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	17.91	18.96	Pass
			MCH	RB100#0	17.92	18.95	Pass
			HCH	RB100#0	17.90	18.96	Pass



Part II - Test Plots

4.1 For LTE

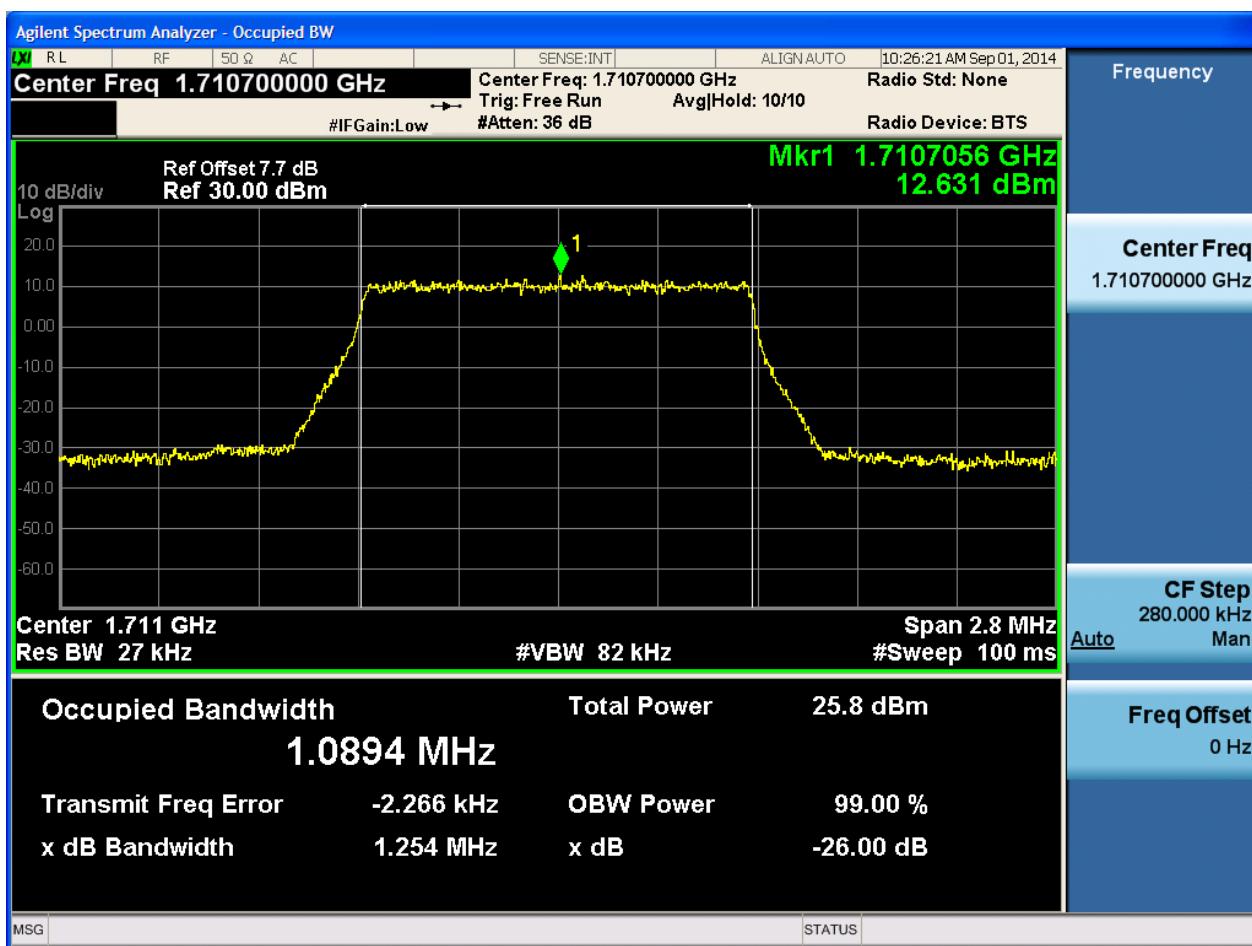
4.1.1 Test Band = BAND4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

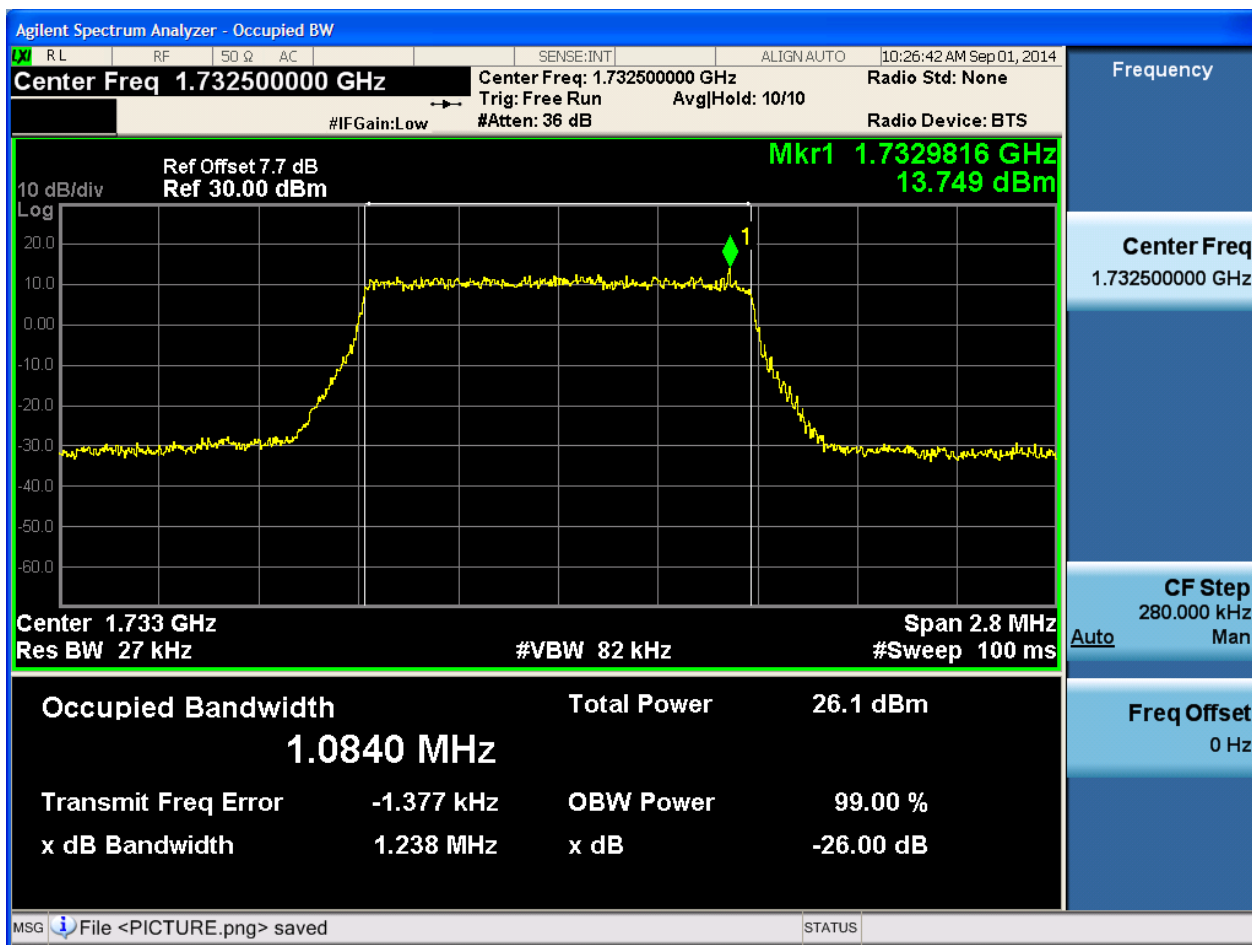
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

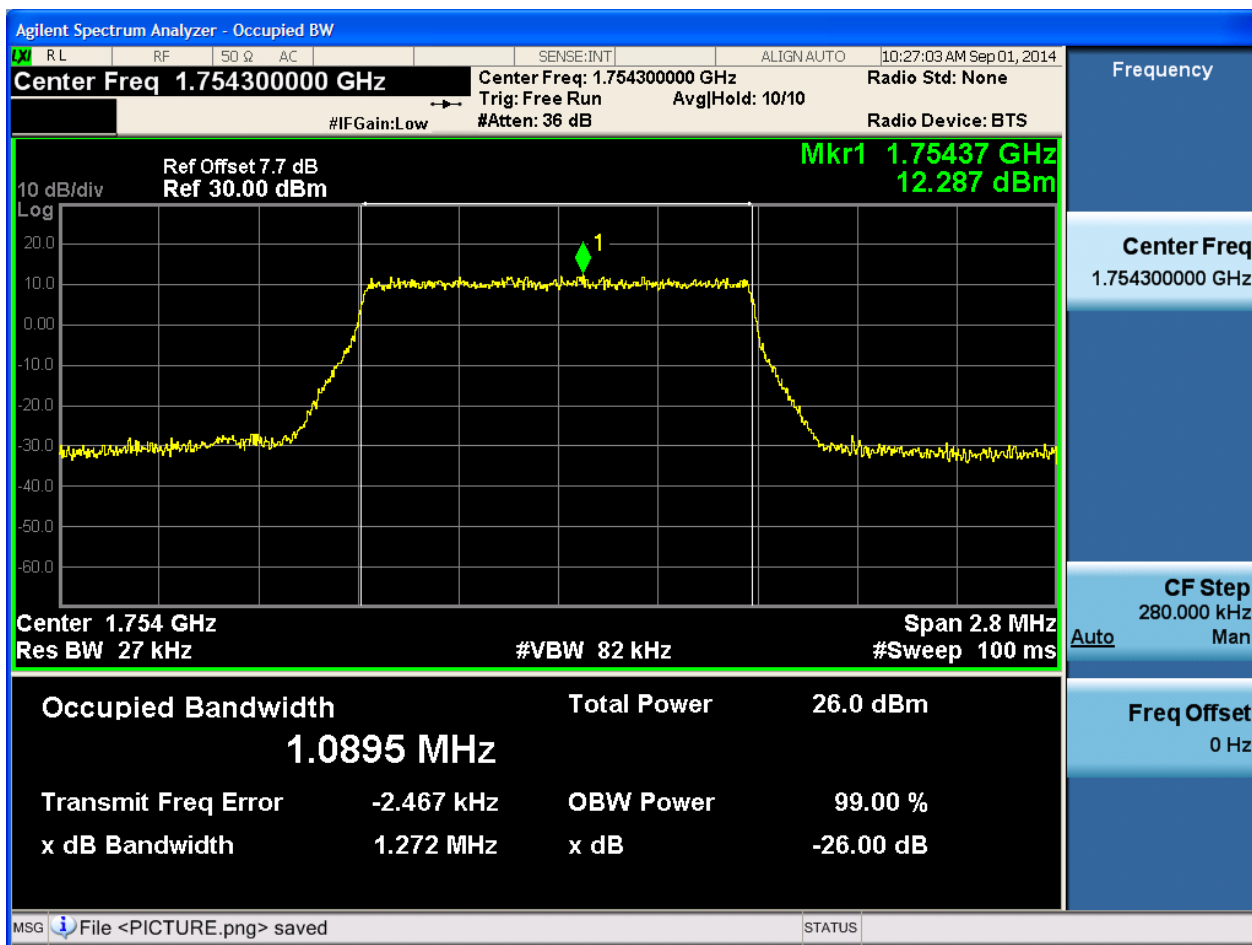
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

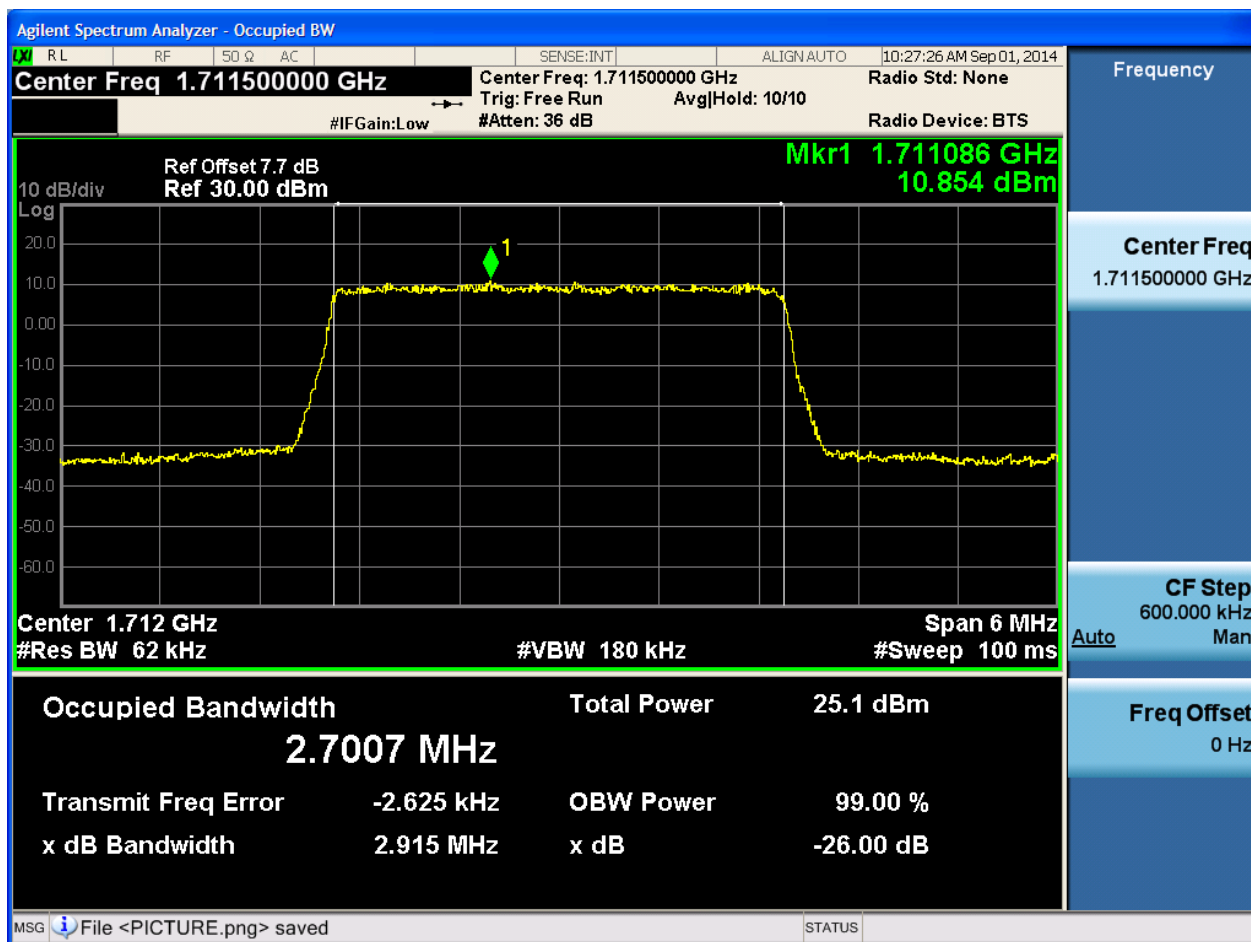




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

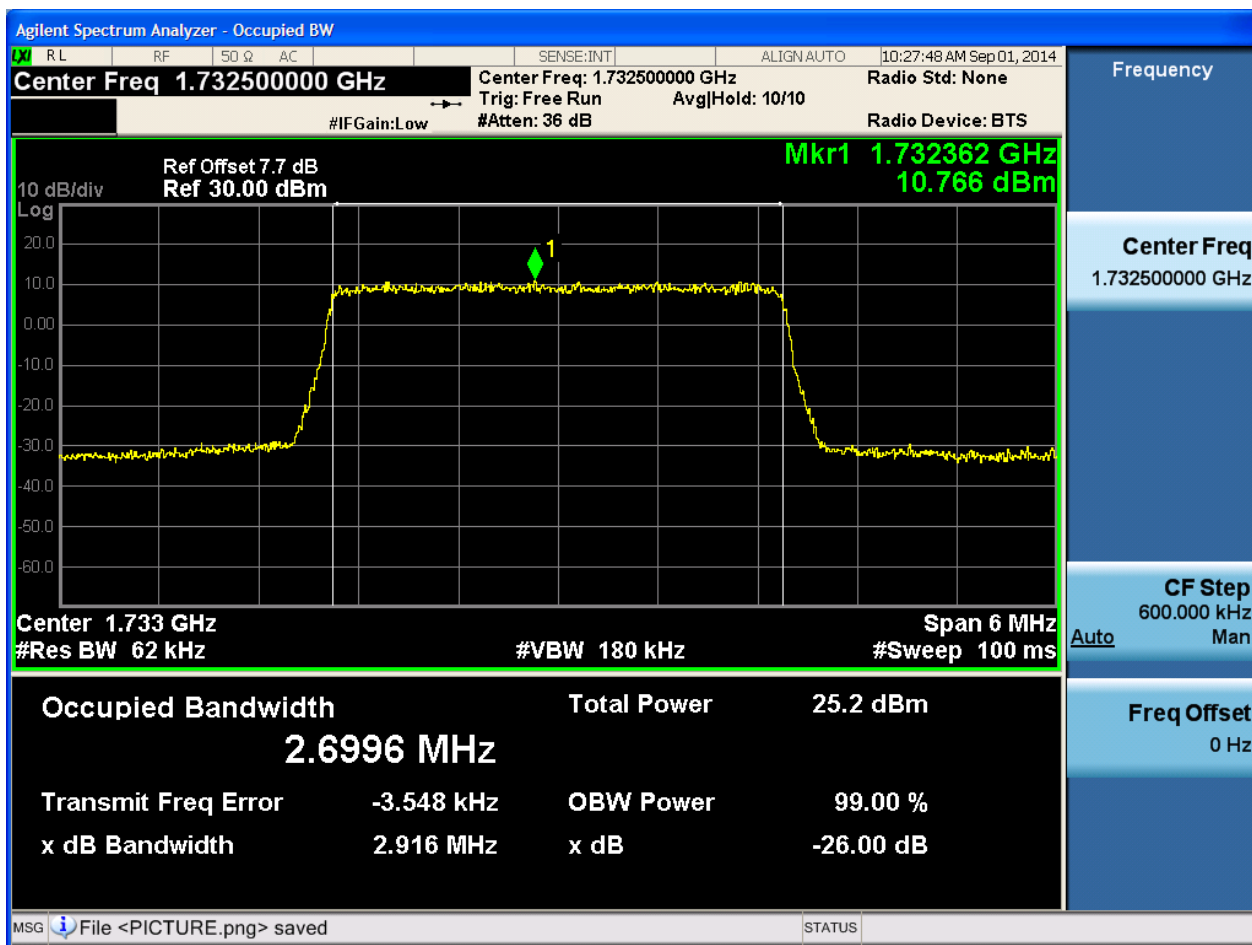
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

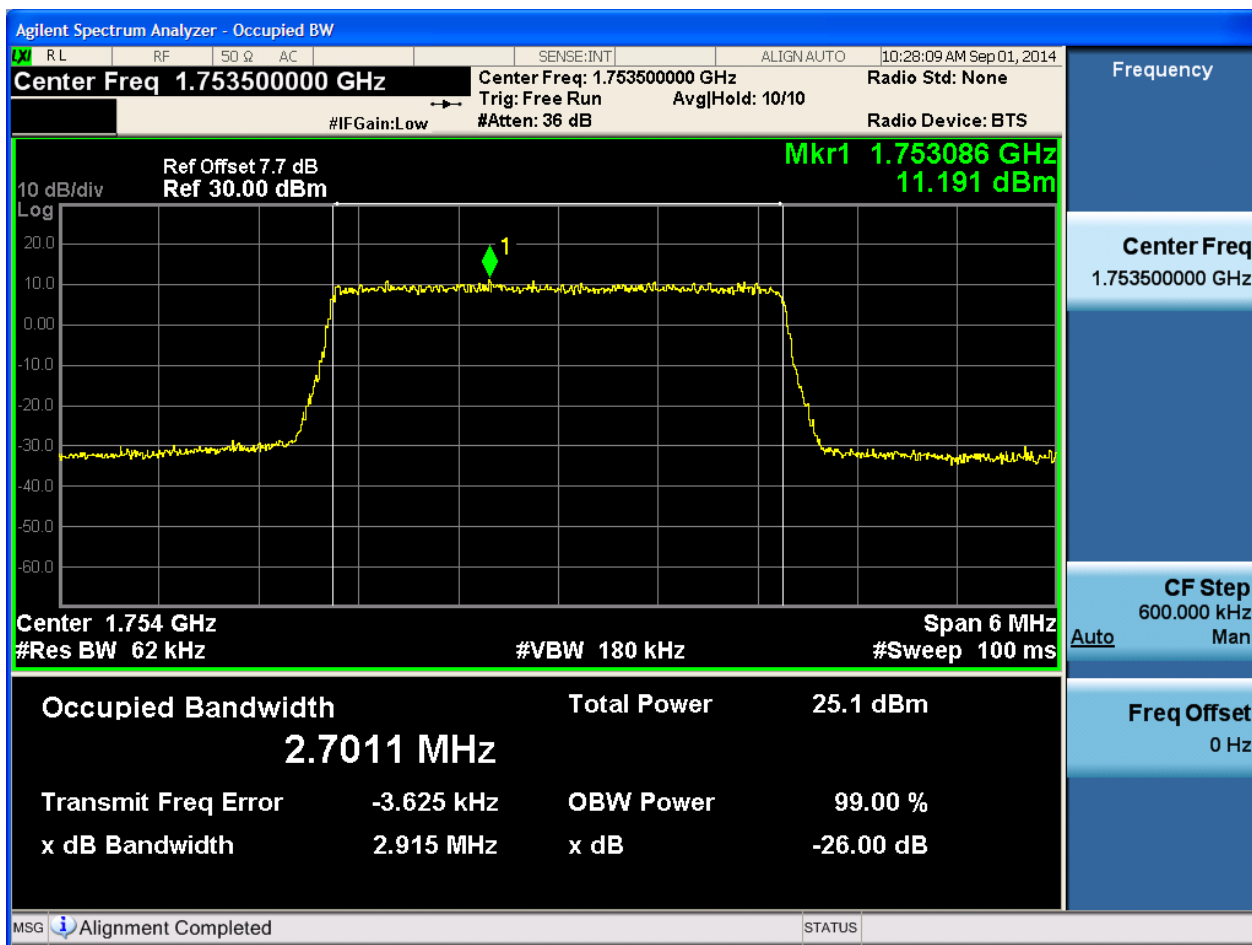
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

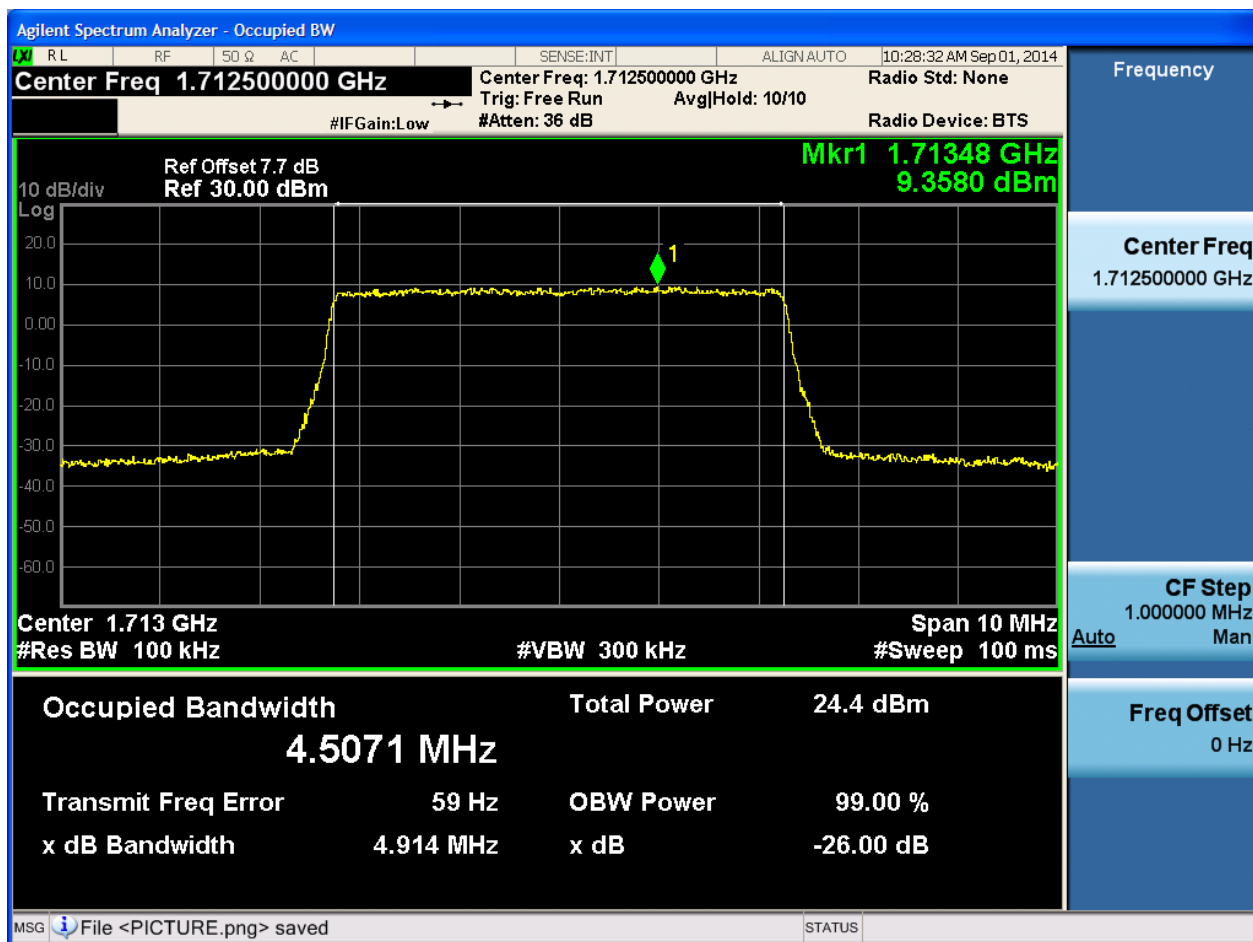




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

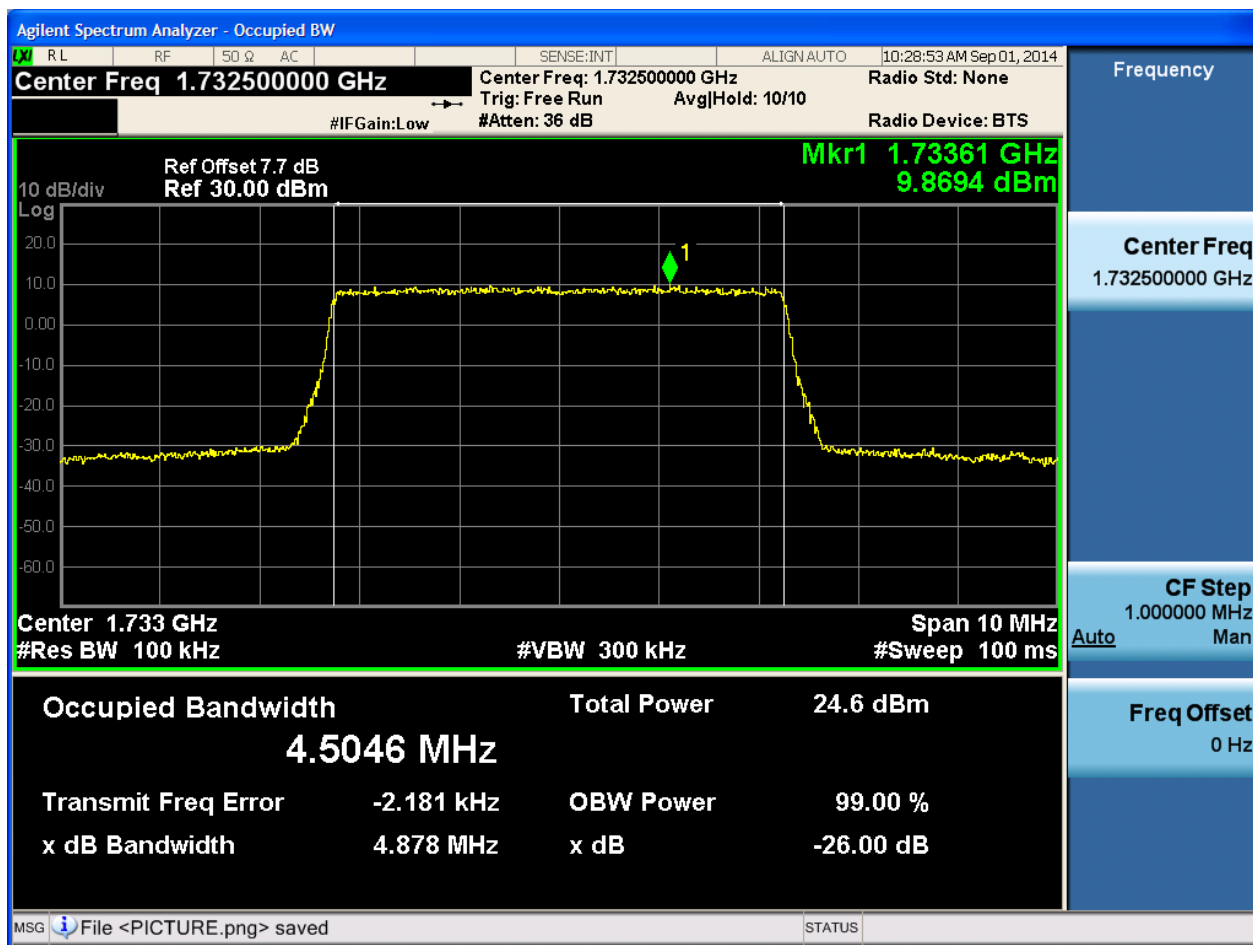
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

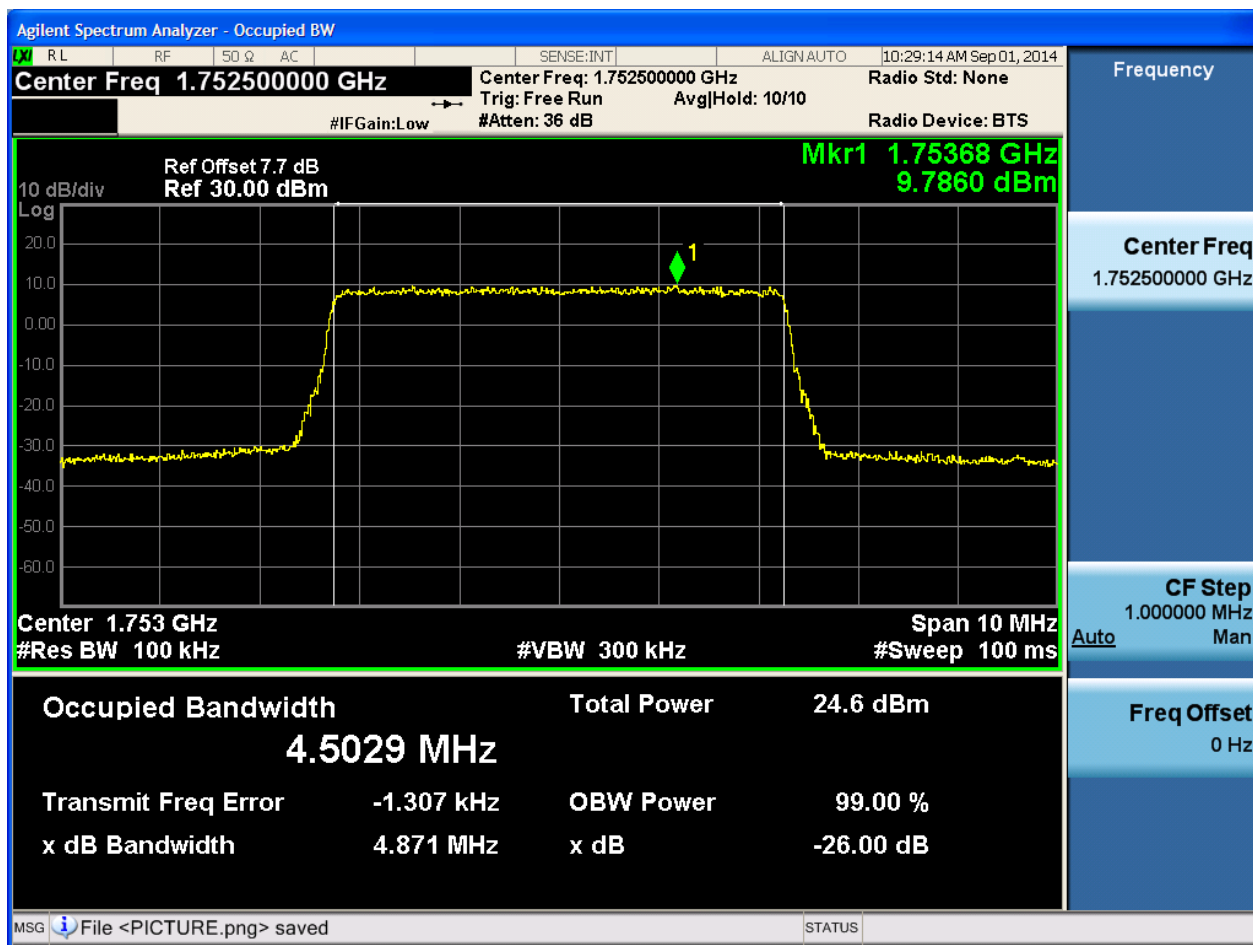
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

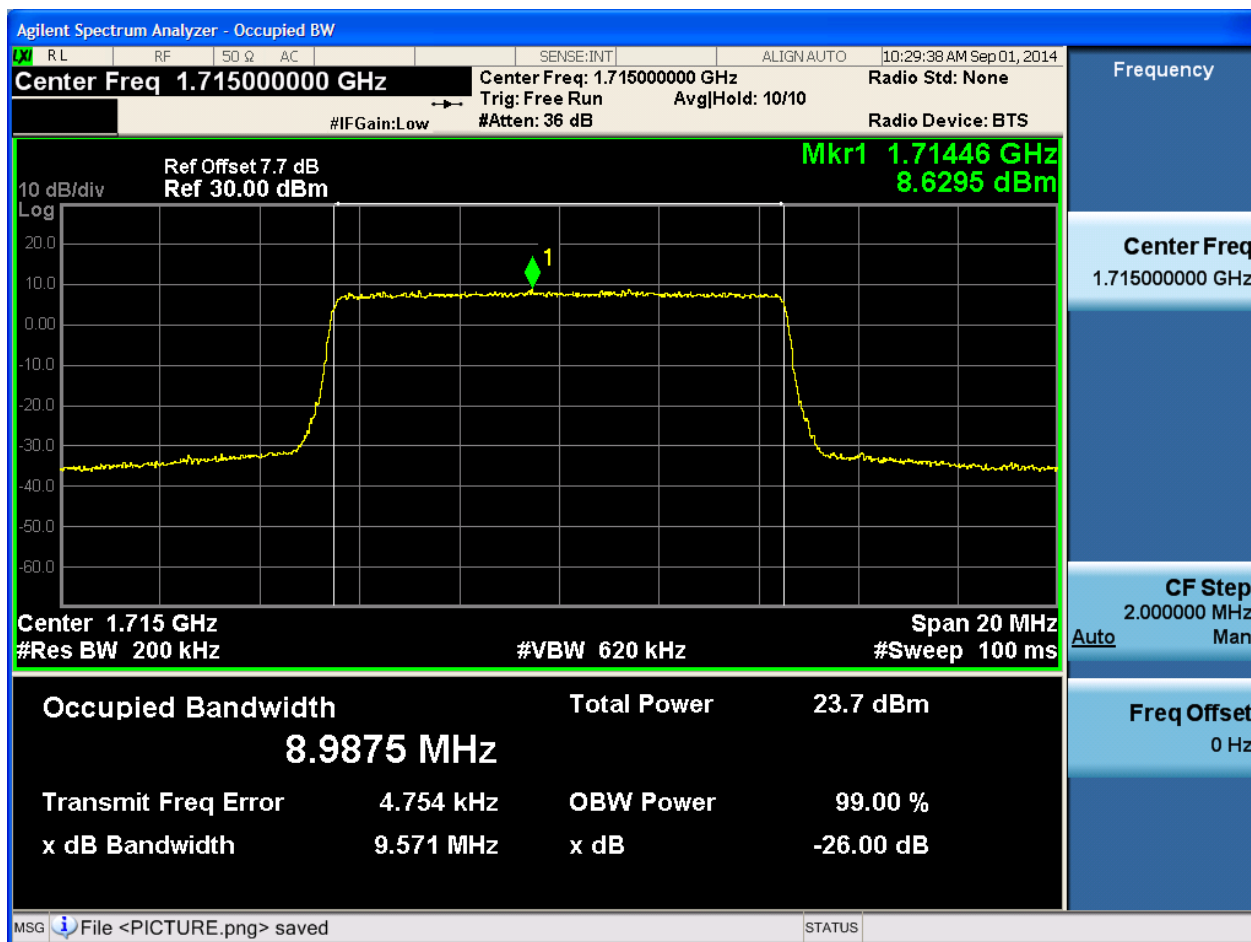




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

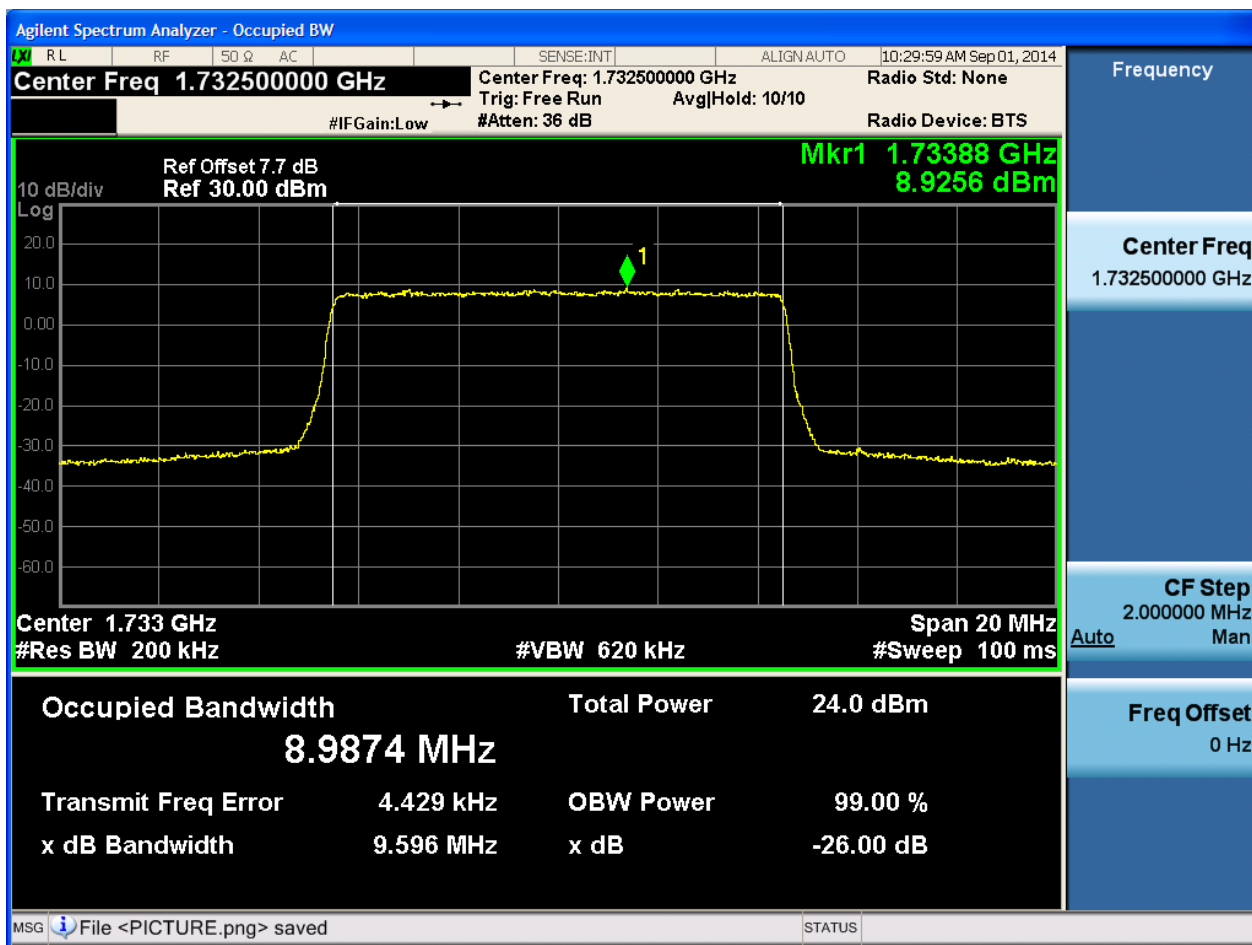
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

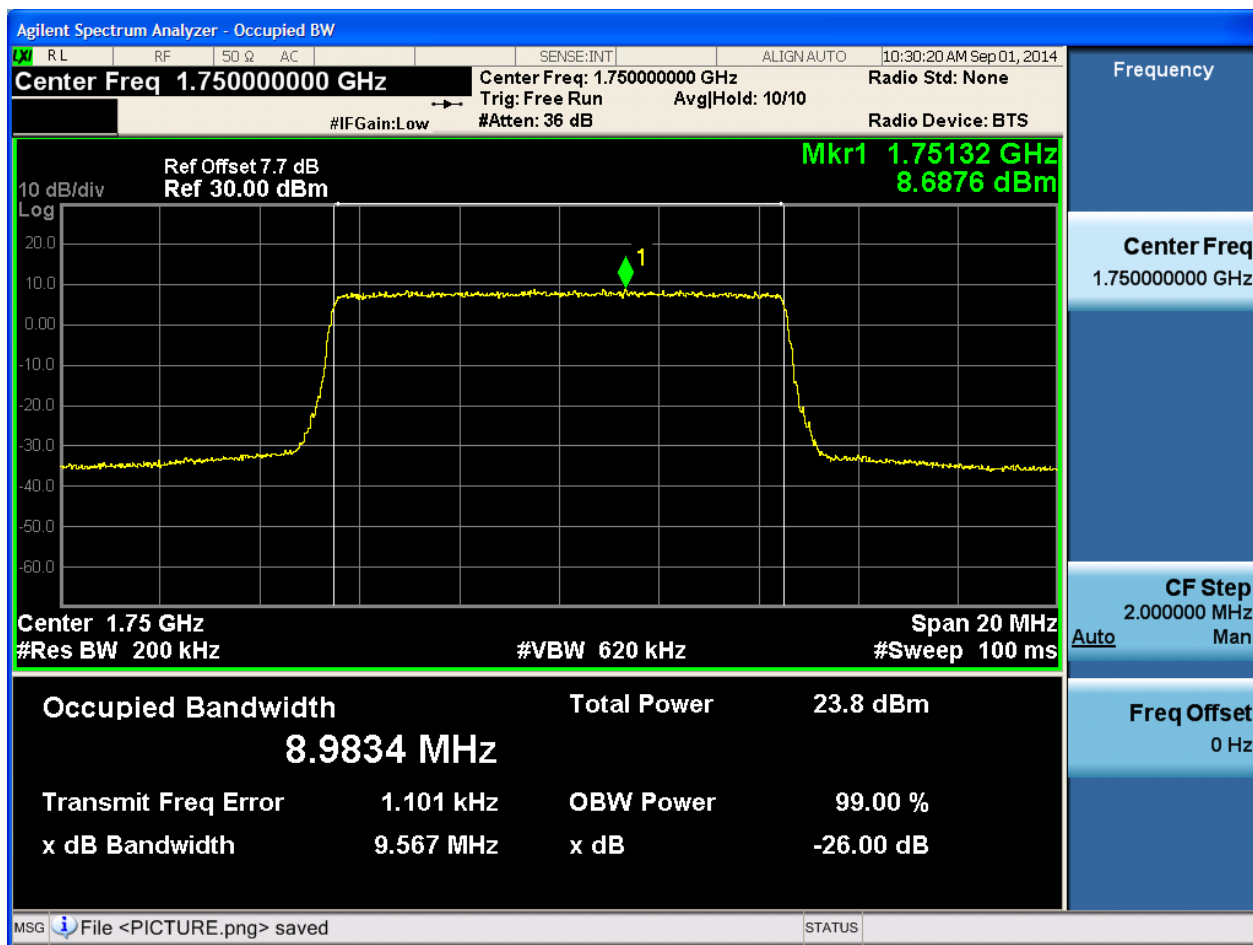
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

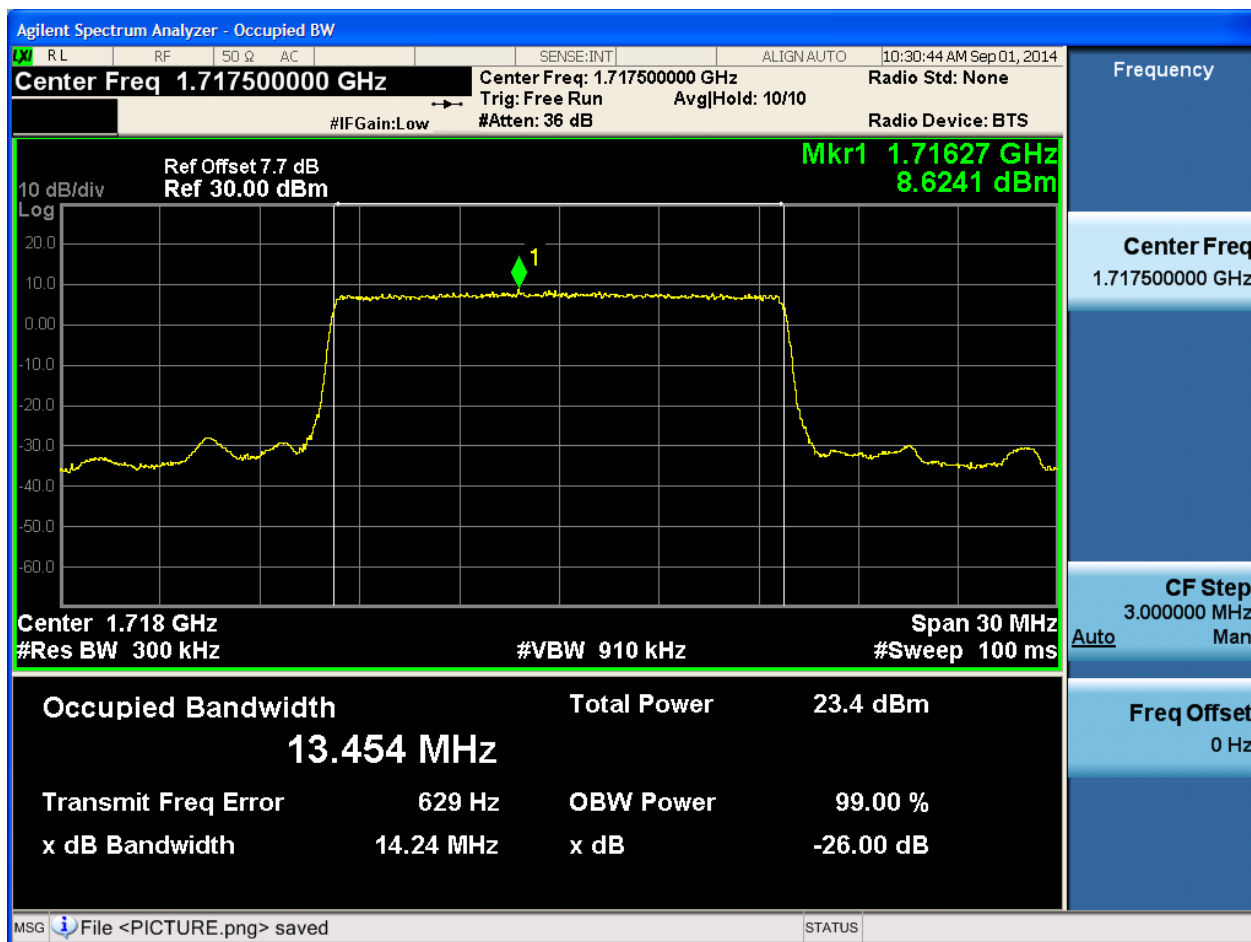




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

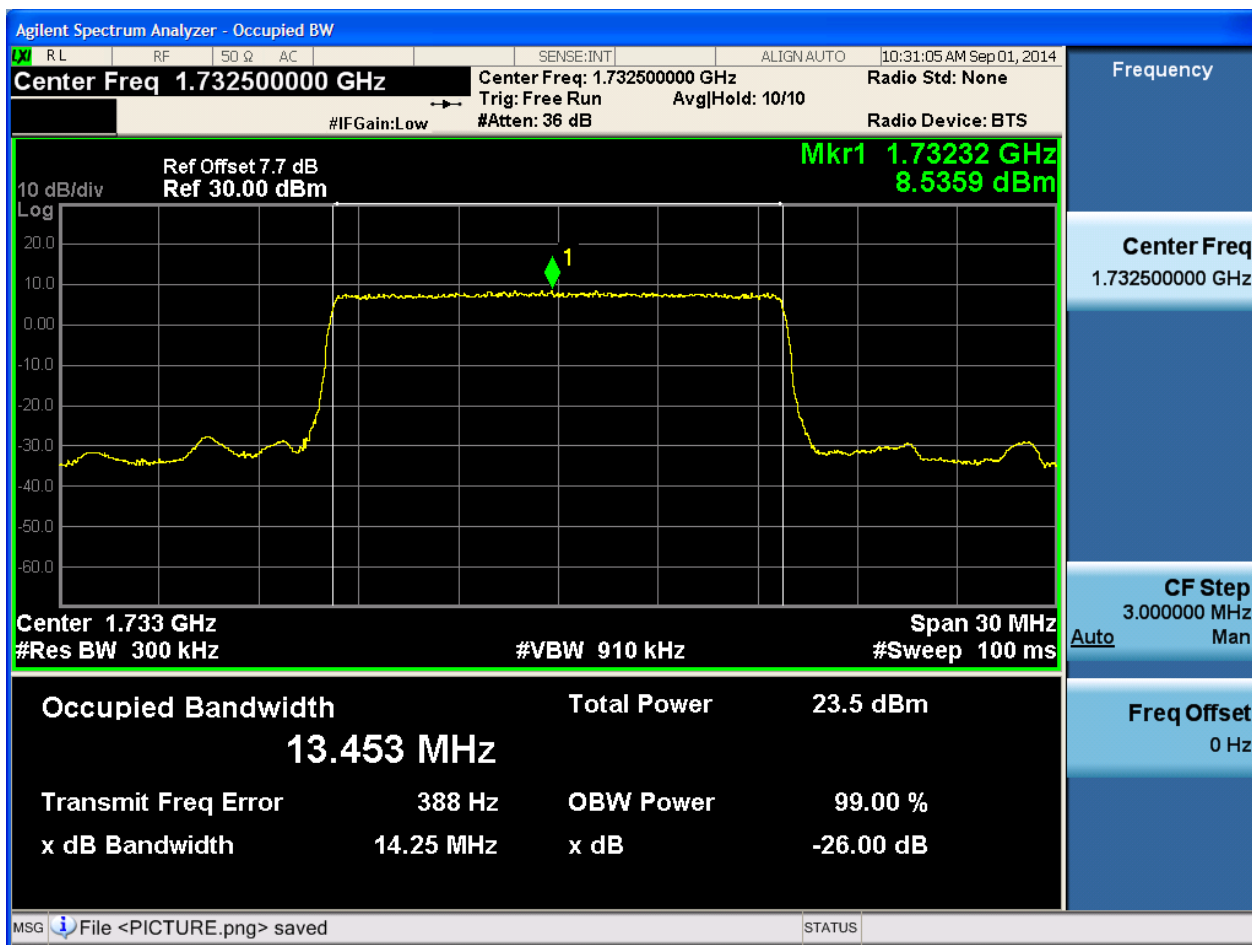
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

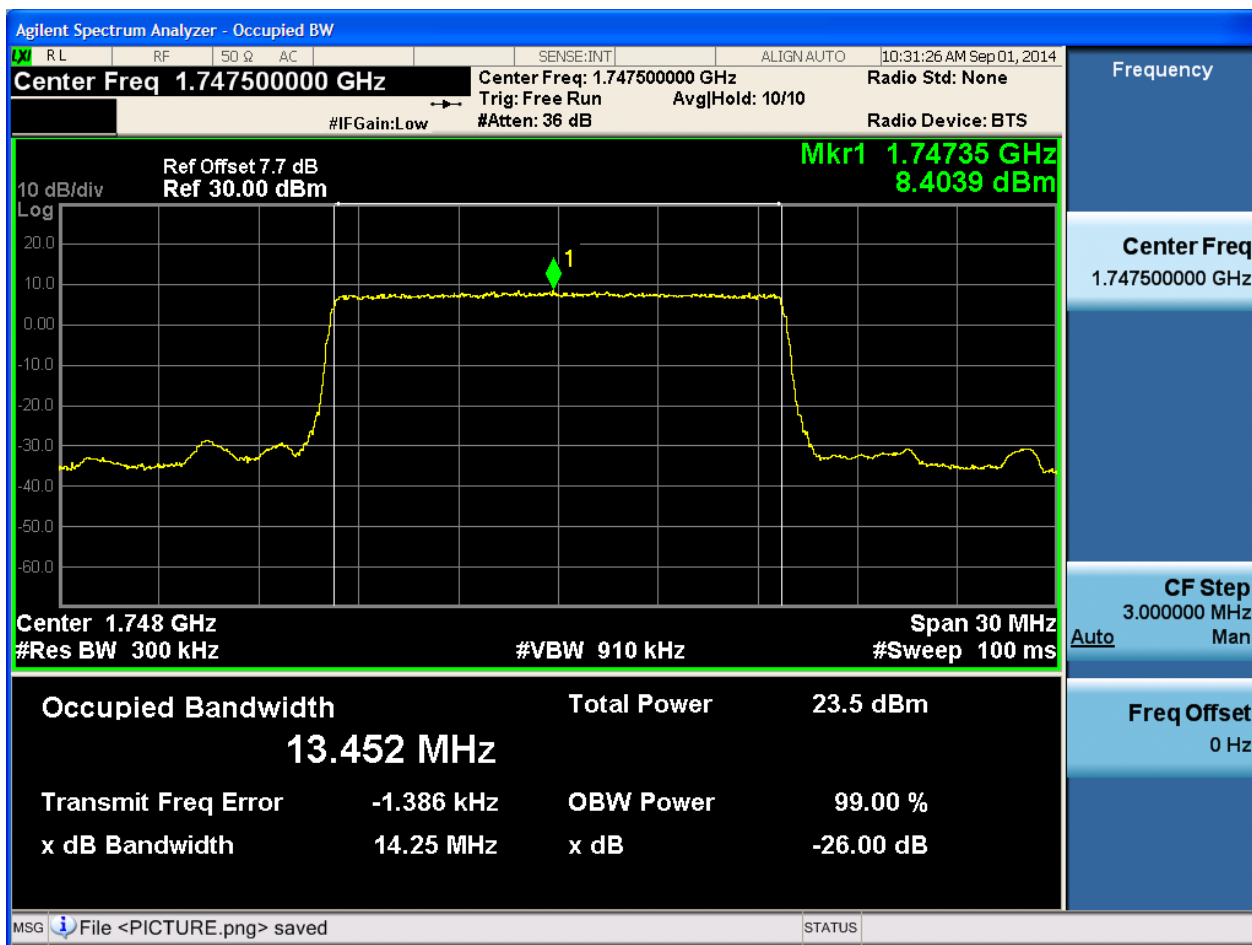
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

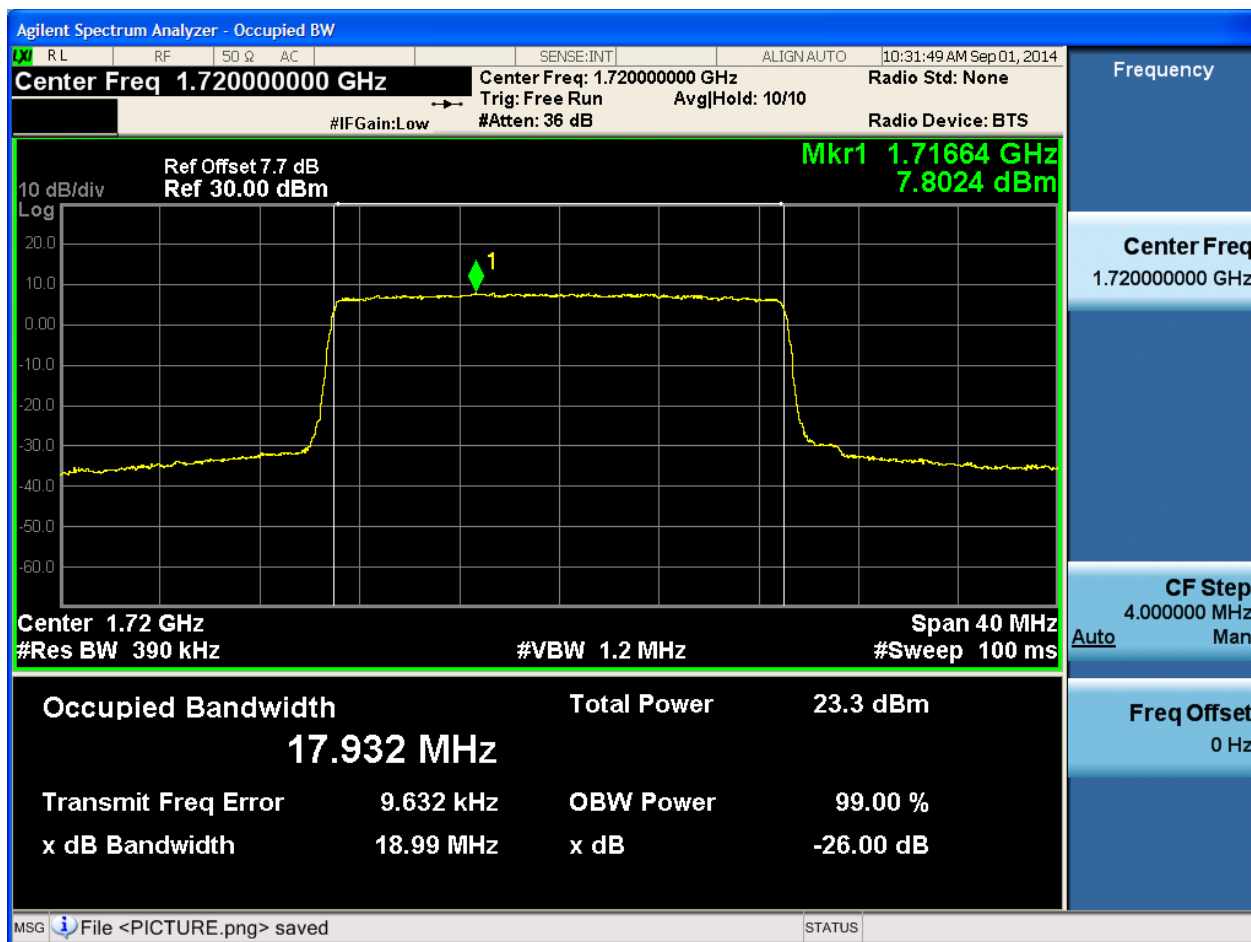




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

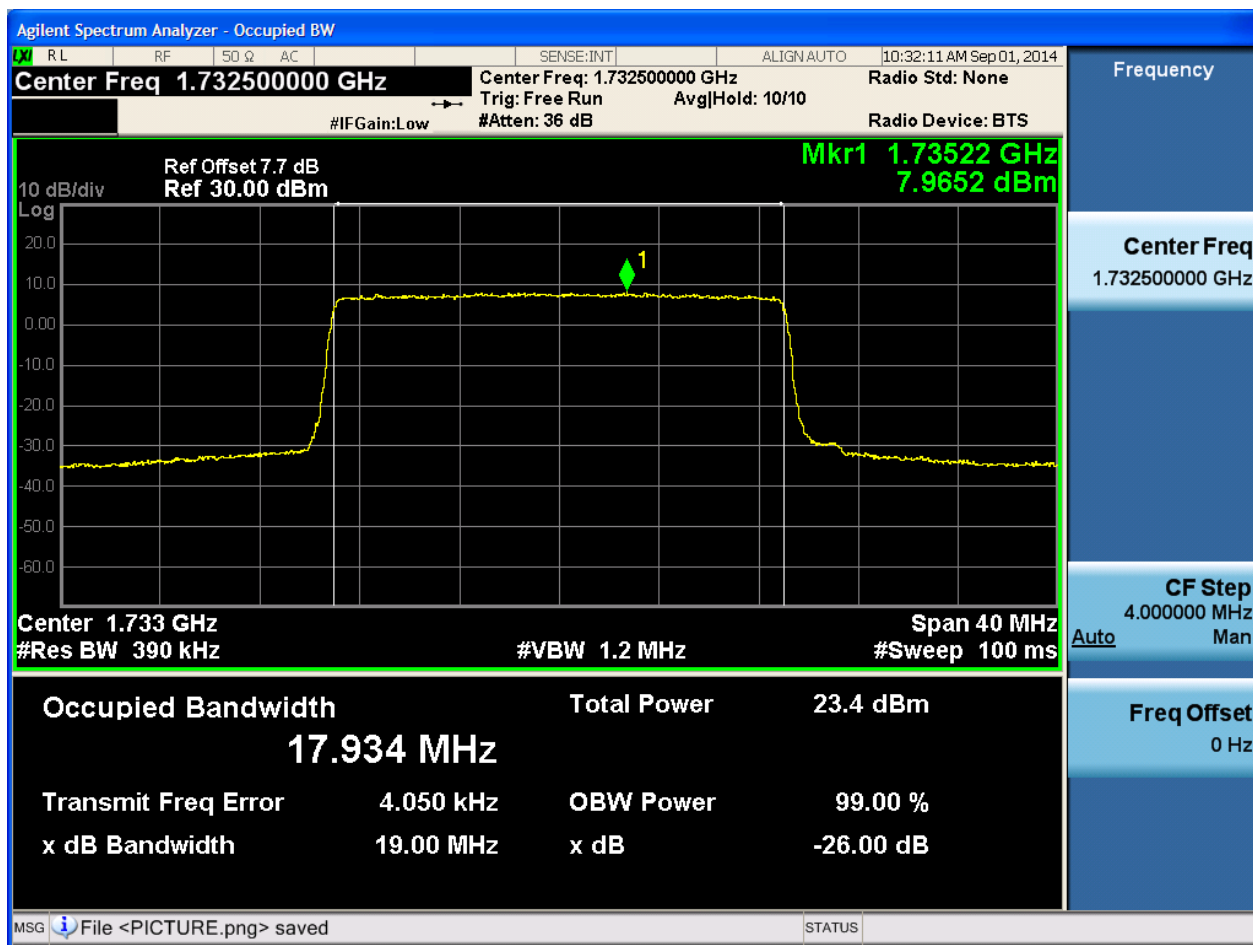
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

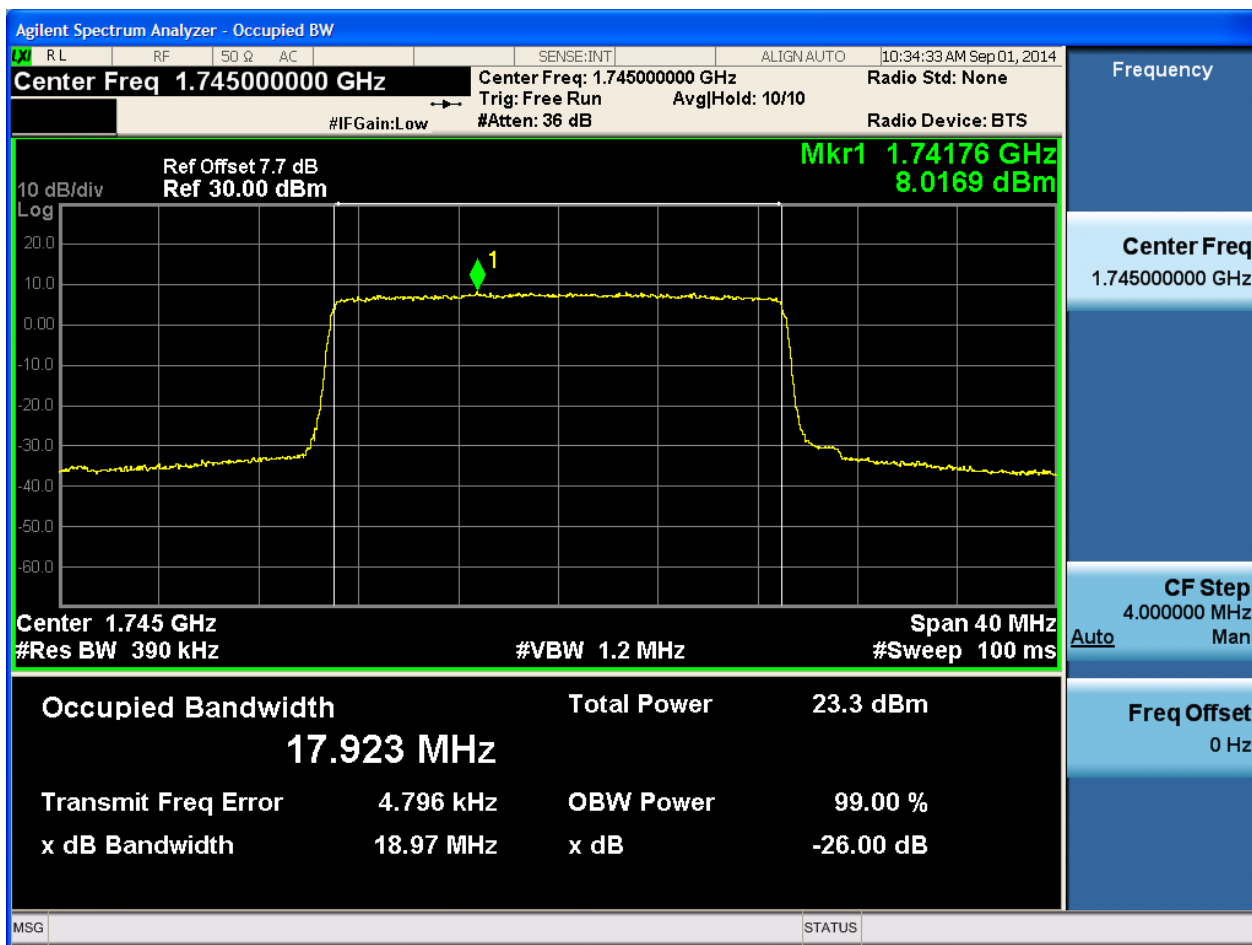
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



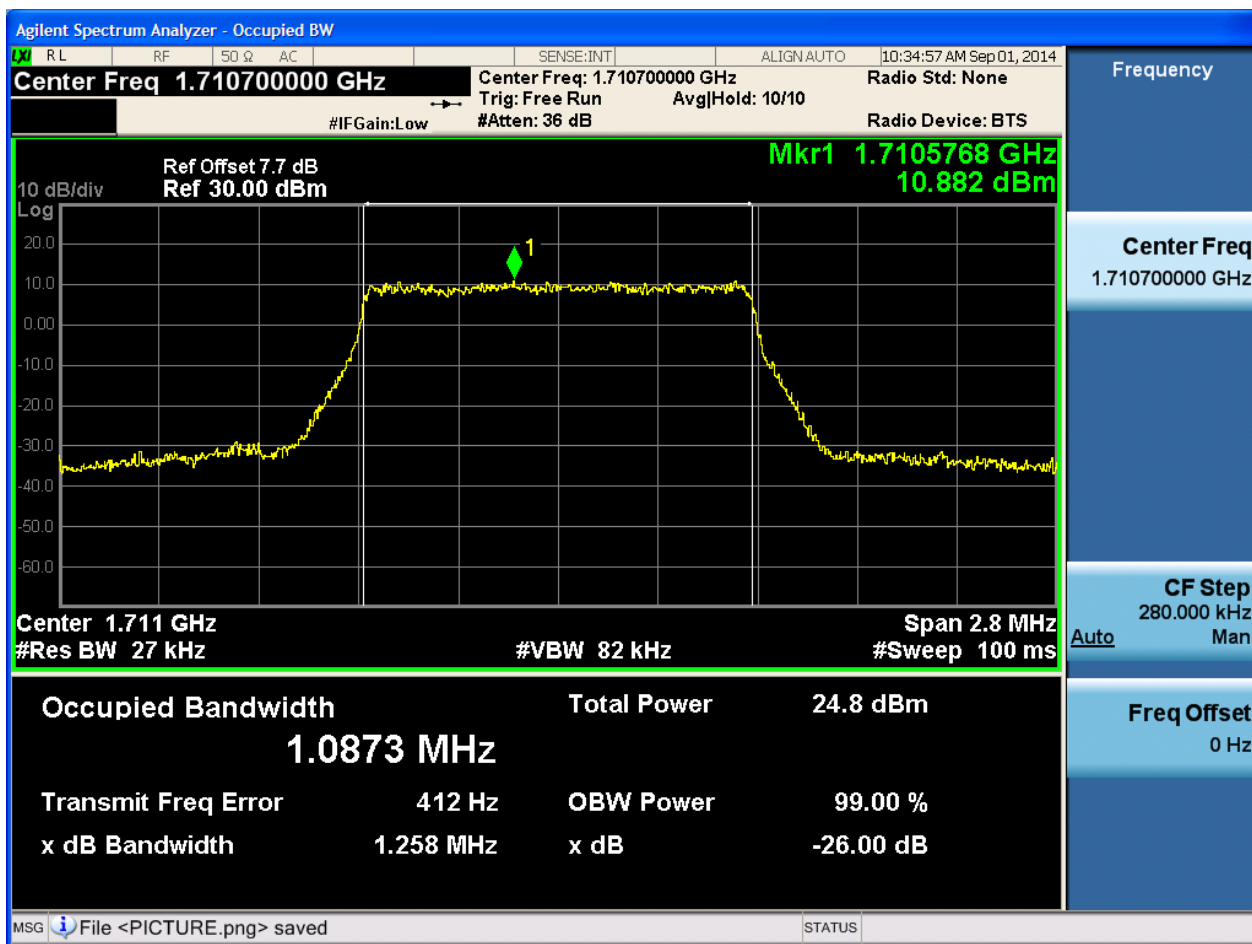


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

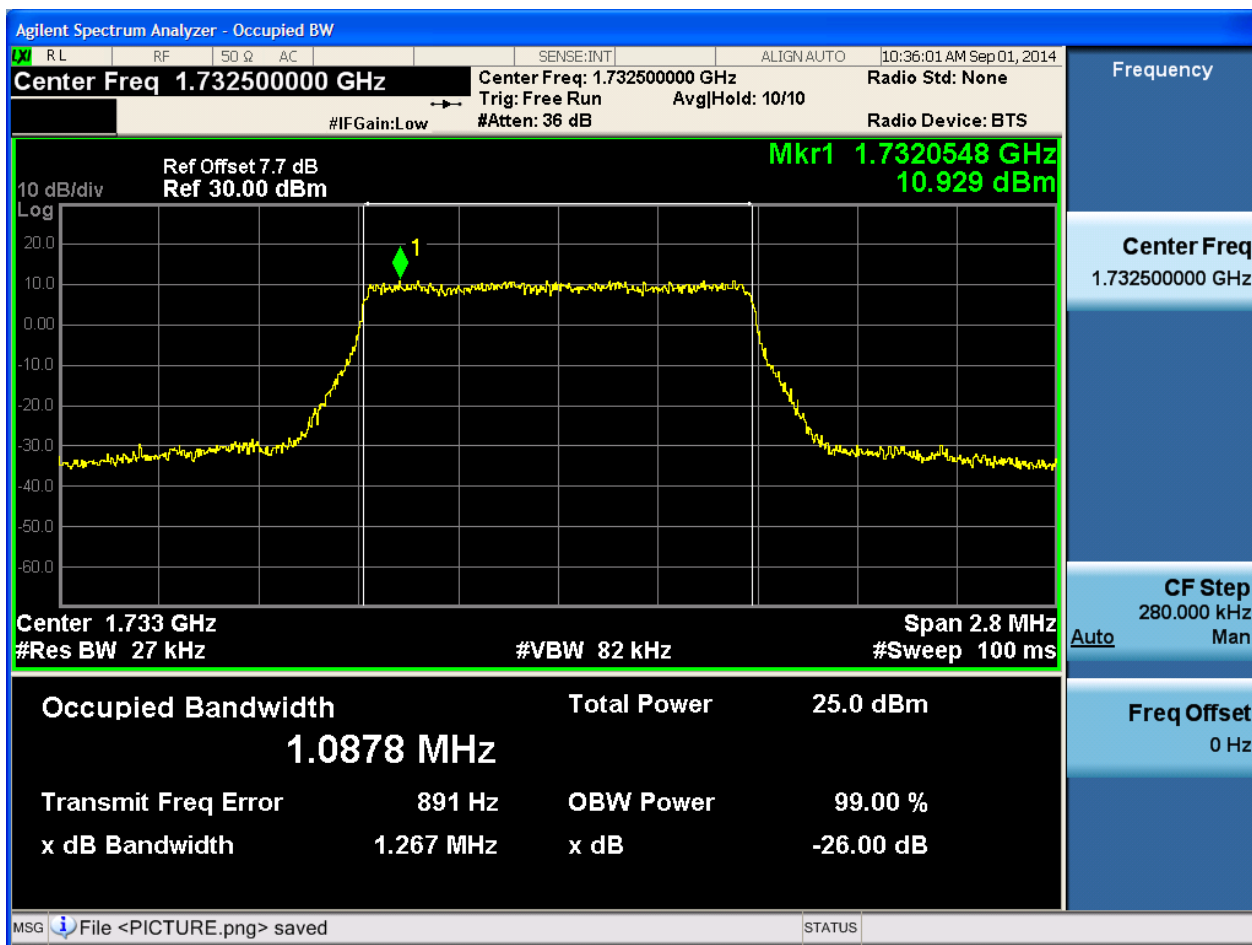
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

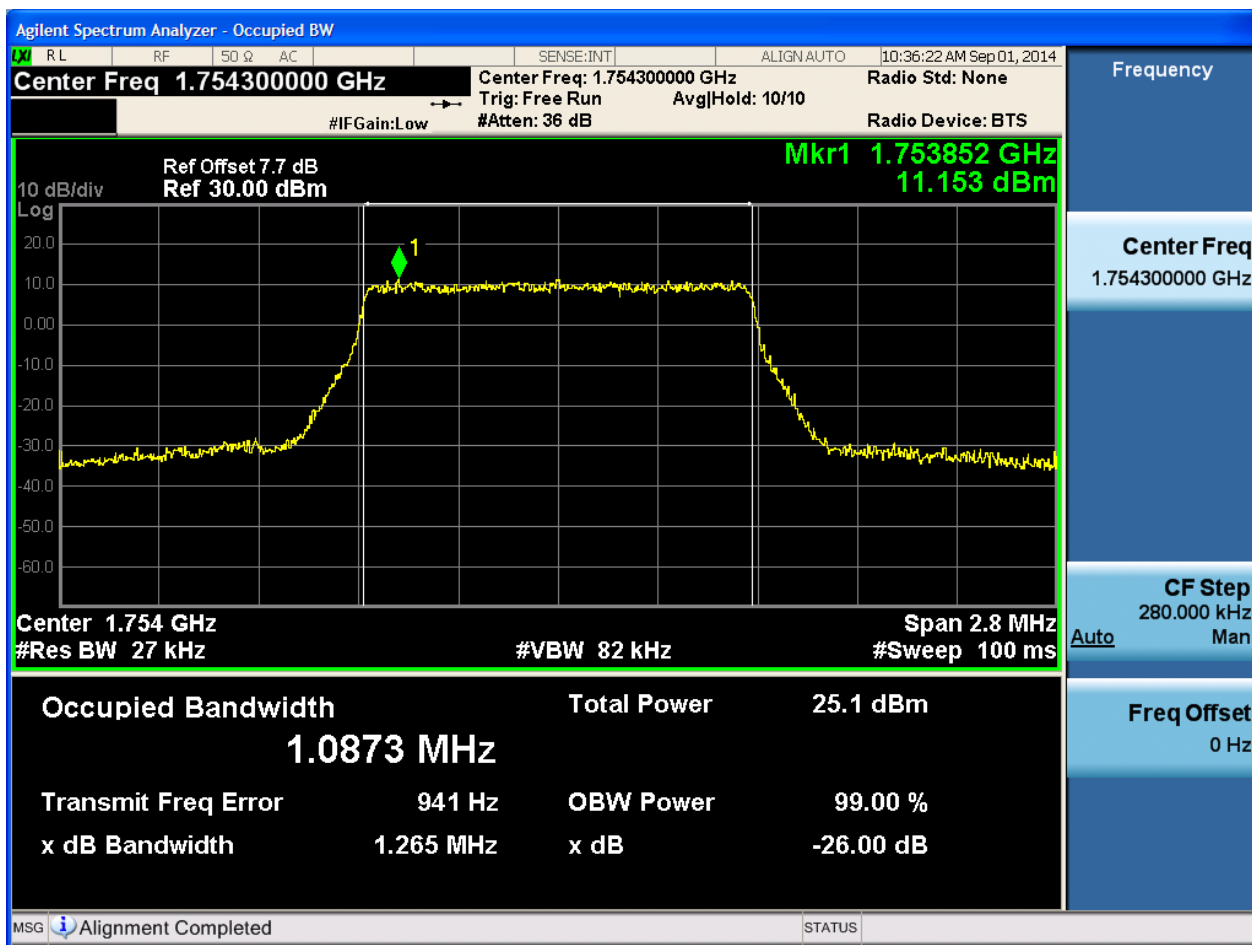
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

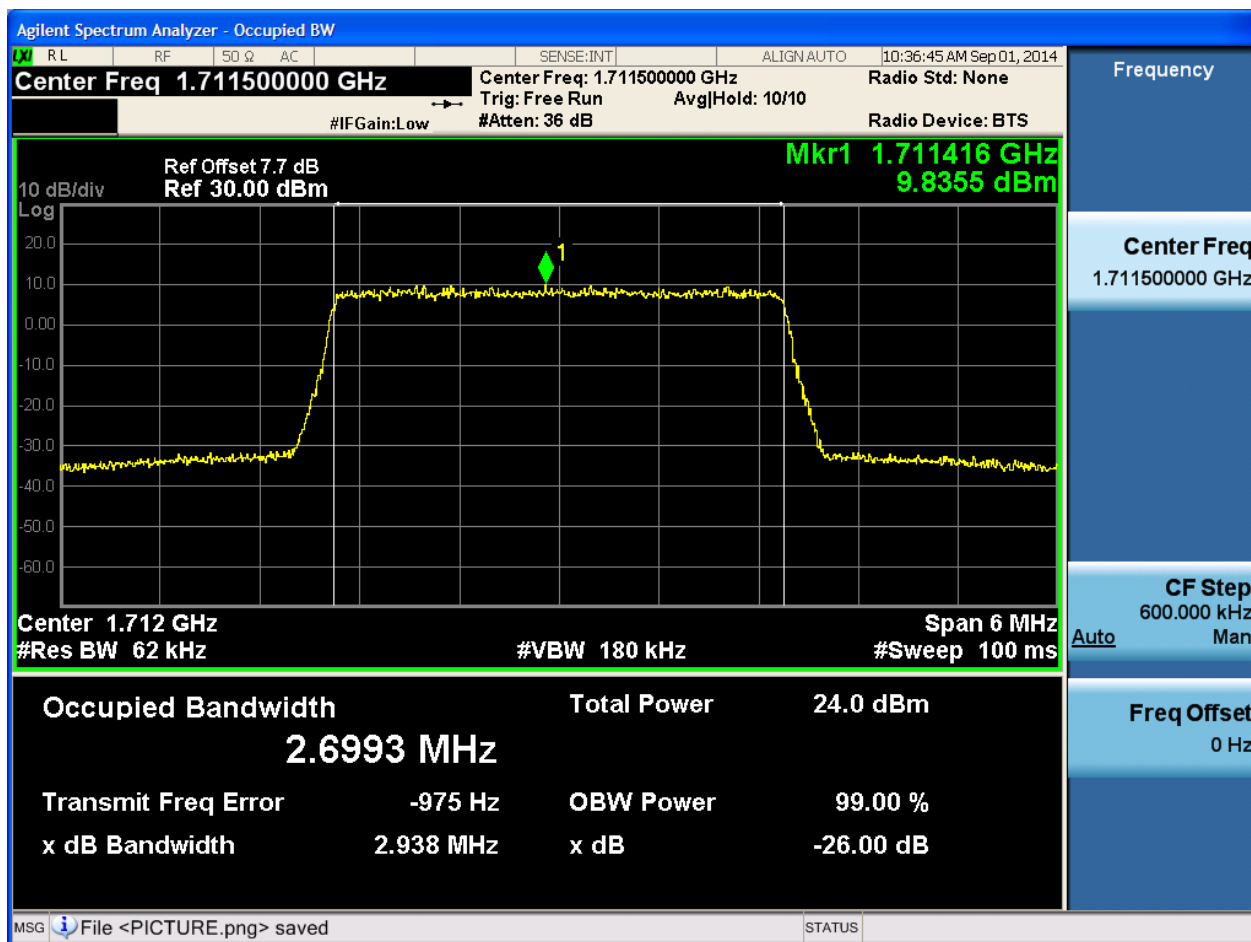




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

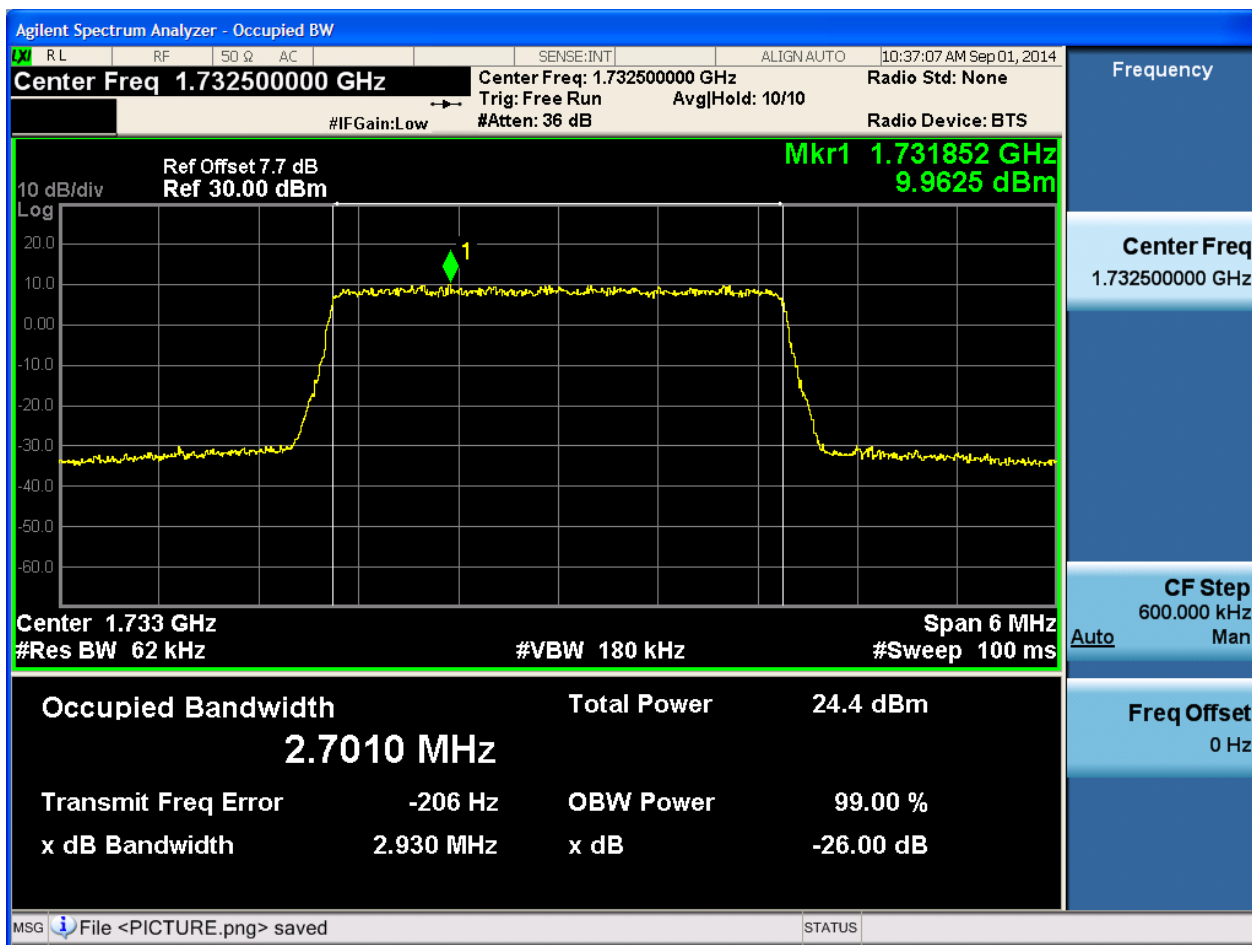
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

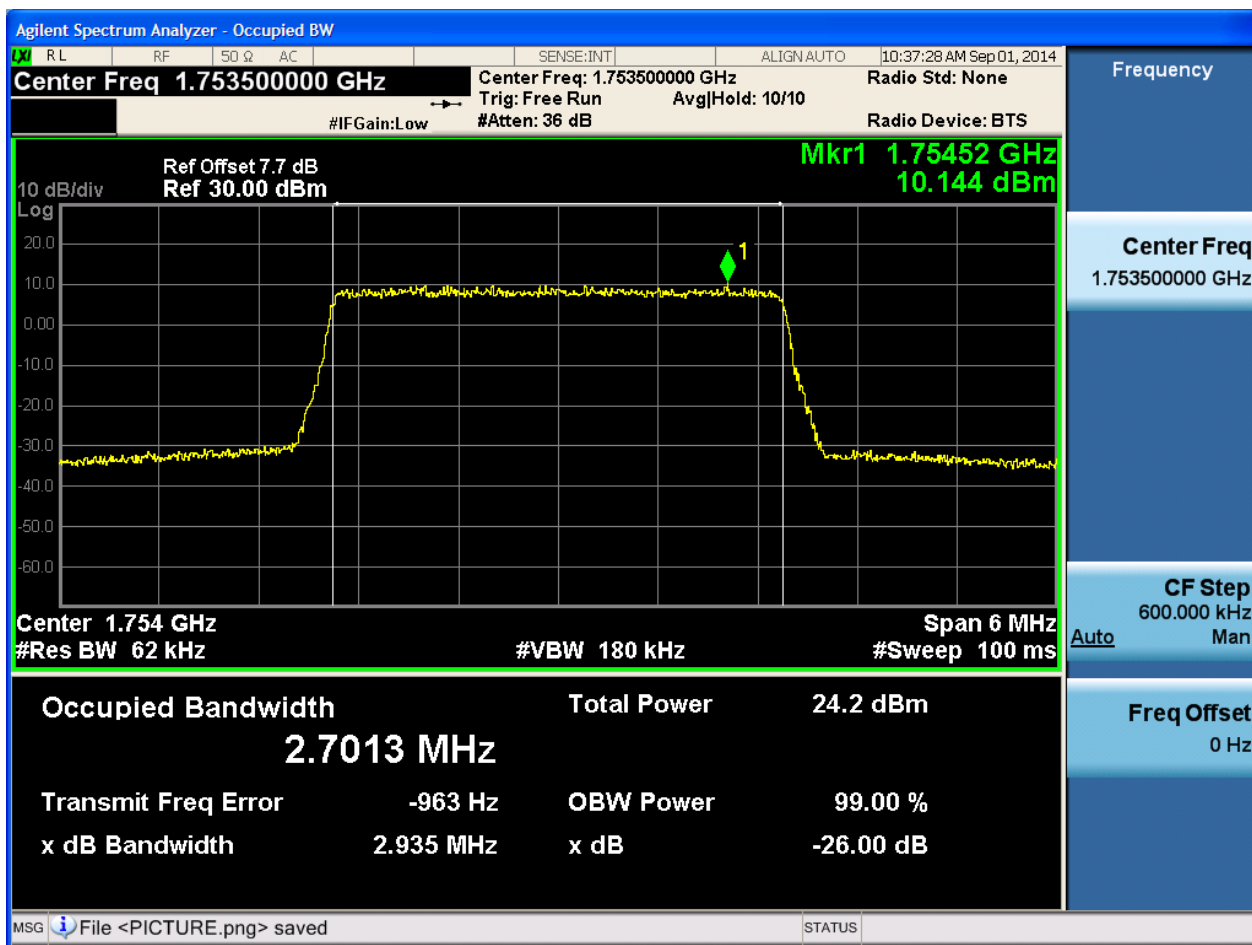
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

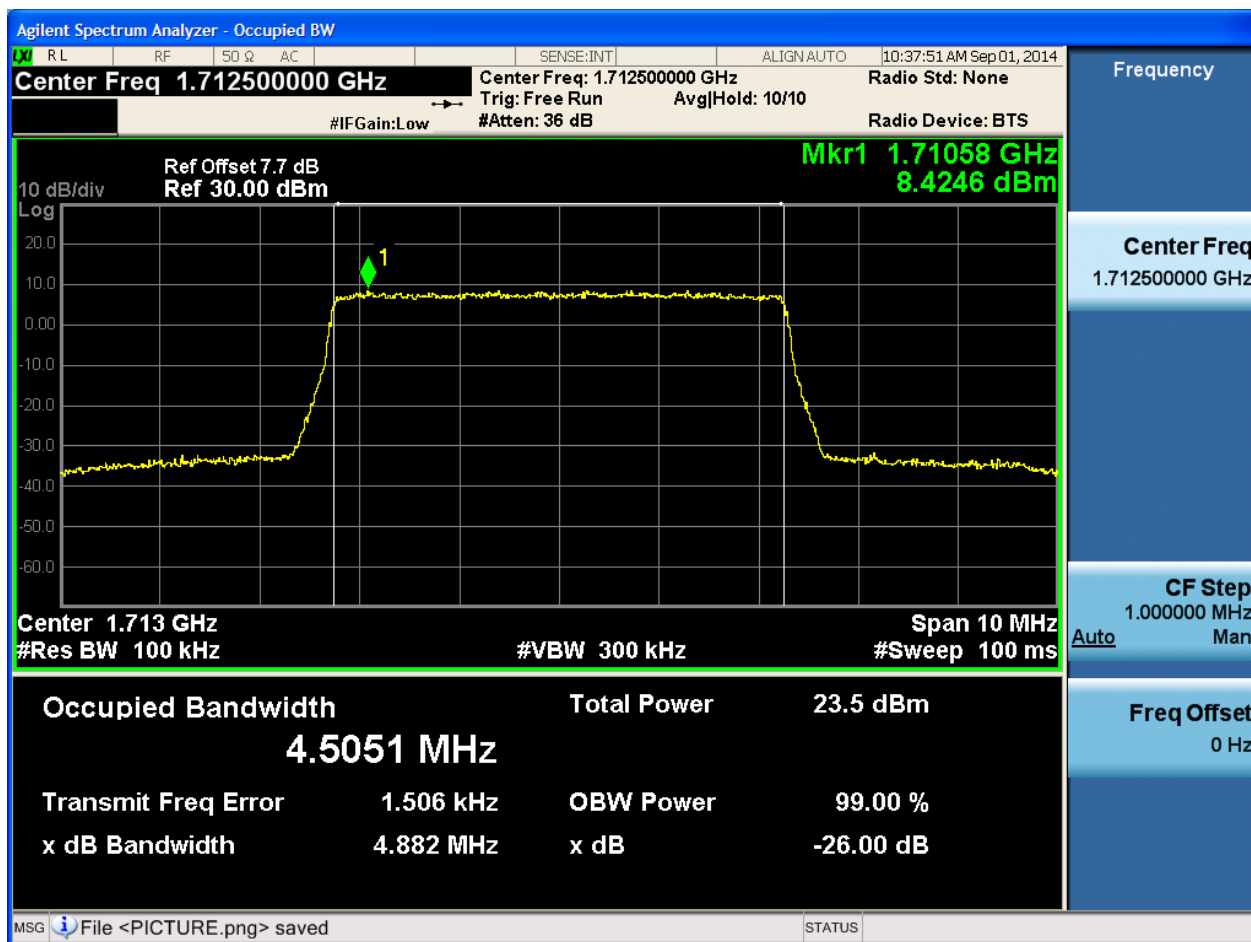




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

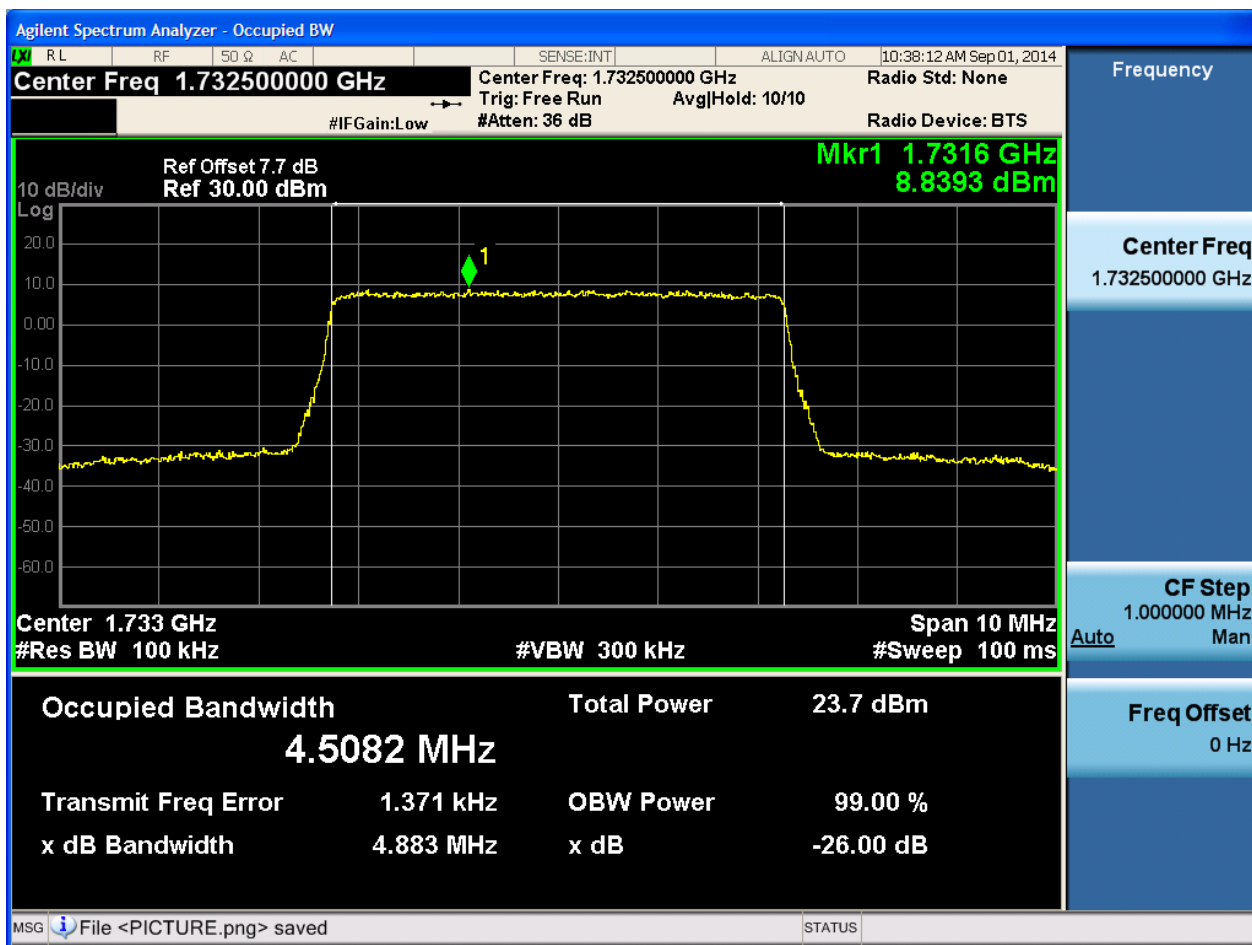
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

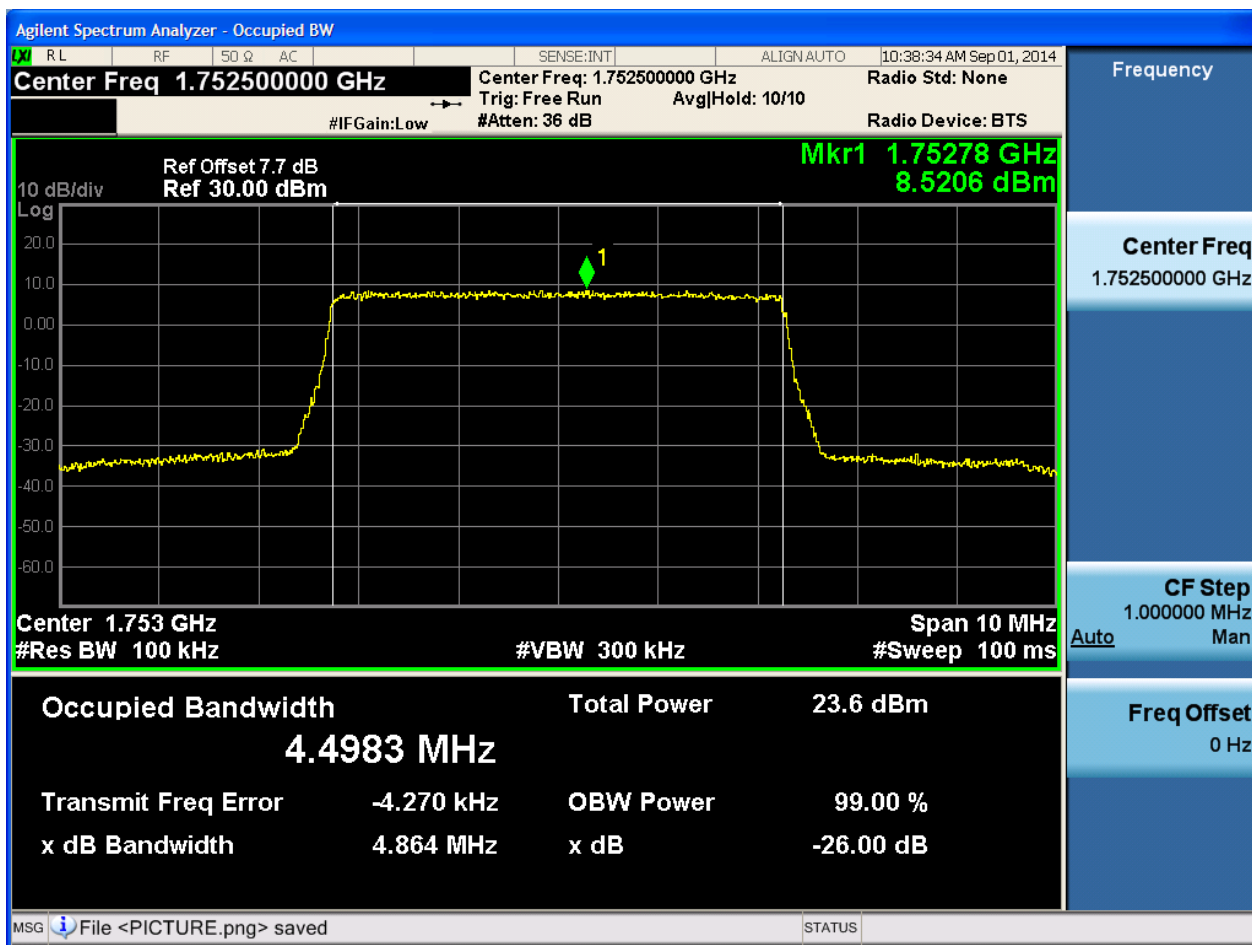
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

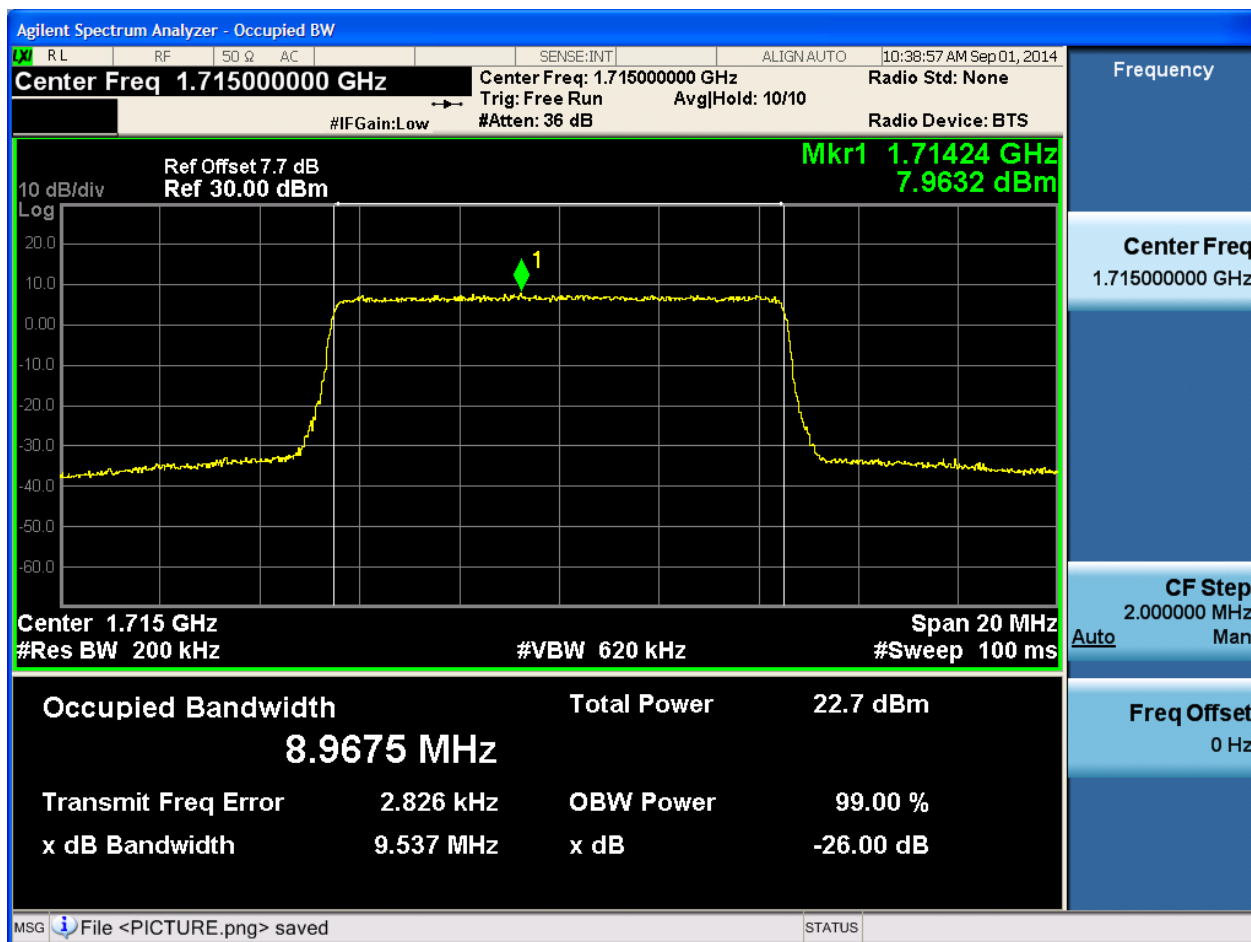




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

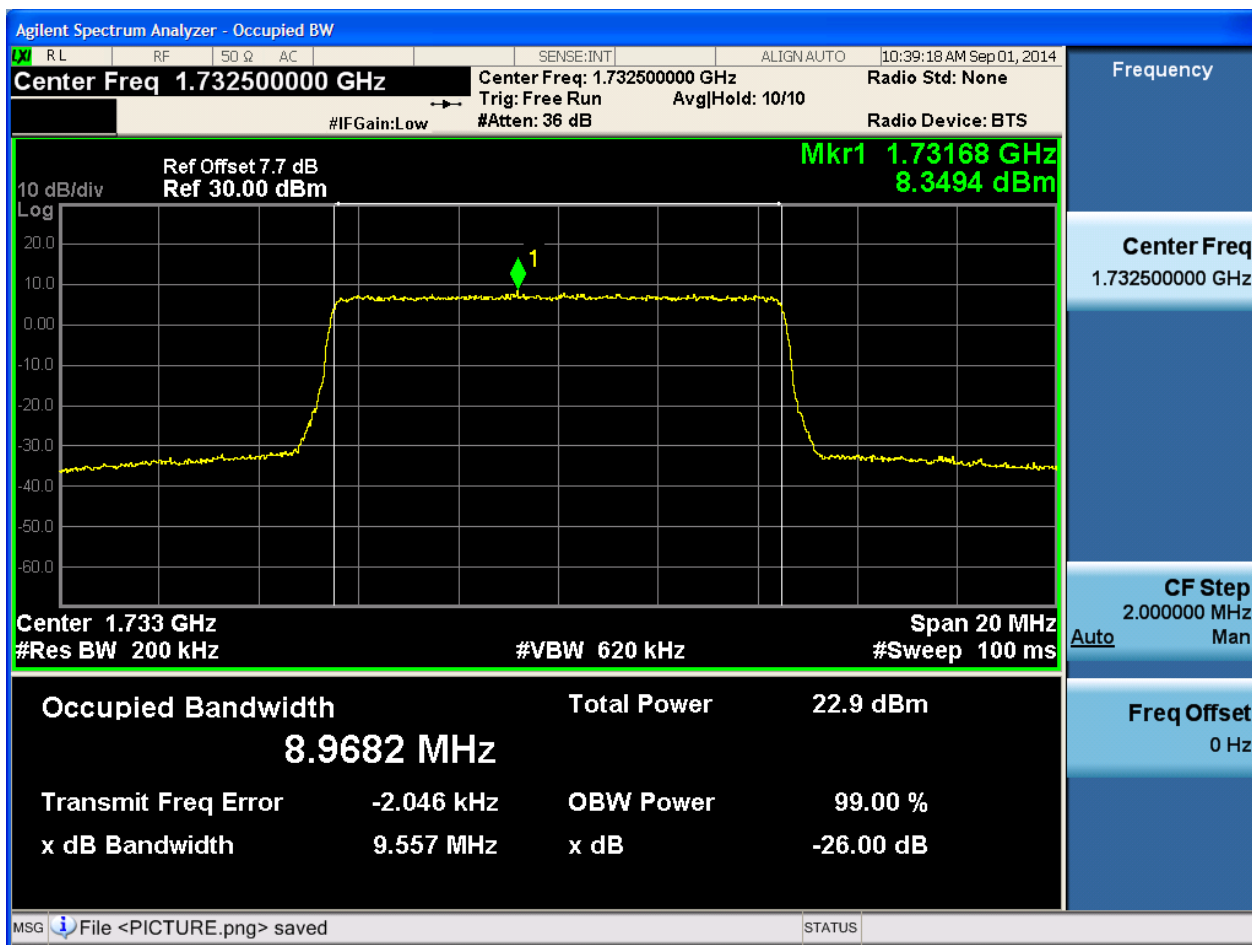
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

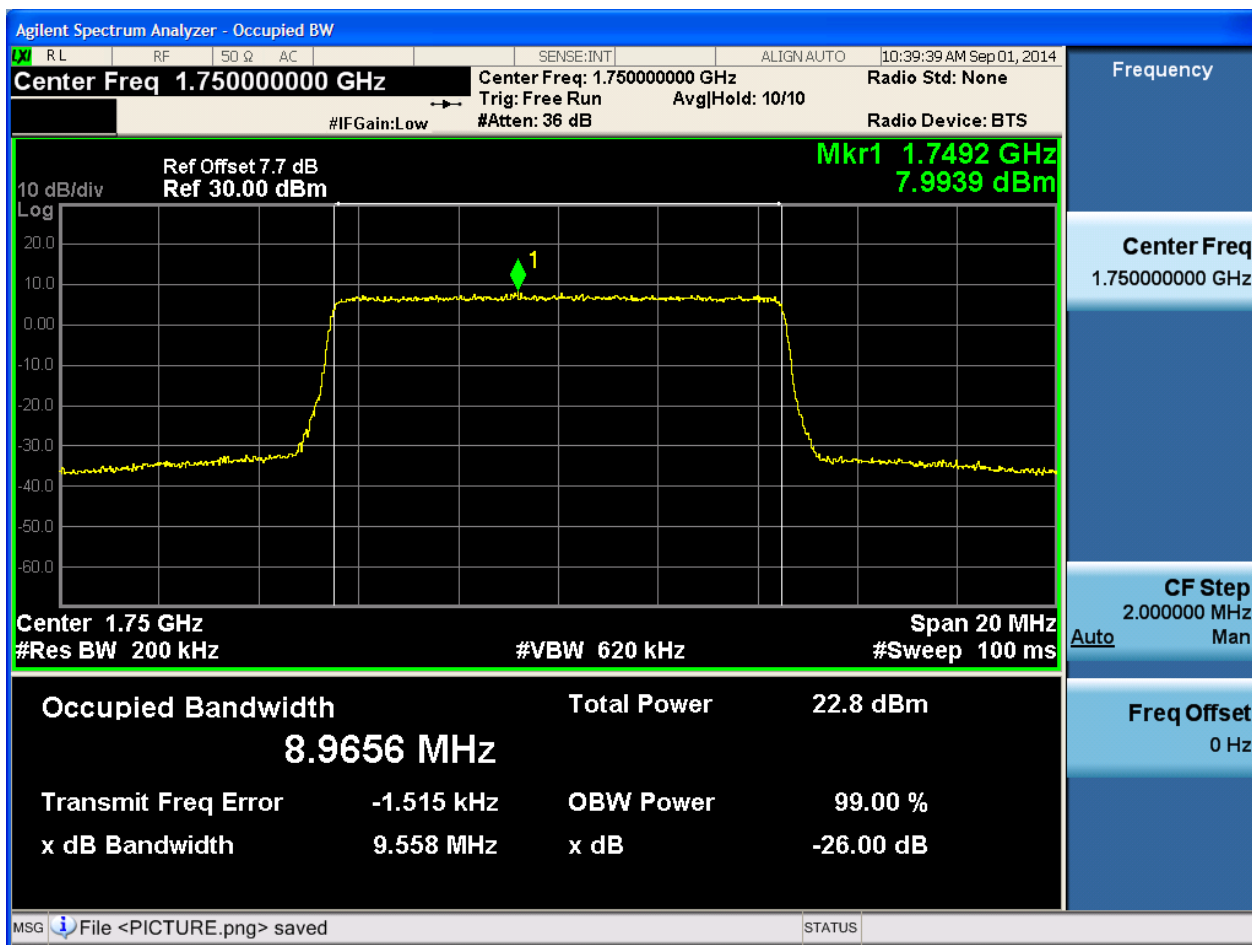
4.1.1.2.4.2.1 Test RB = RB50#0





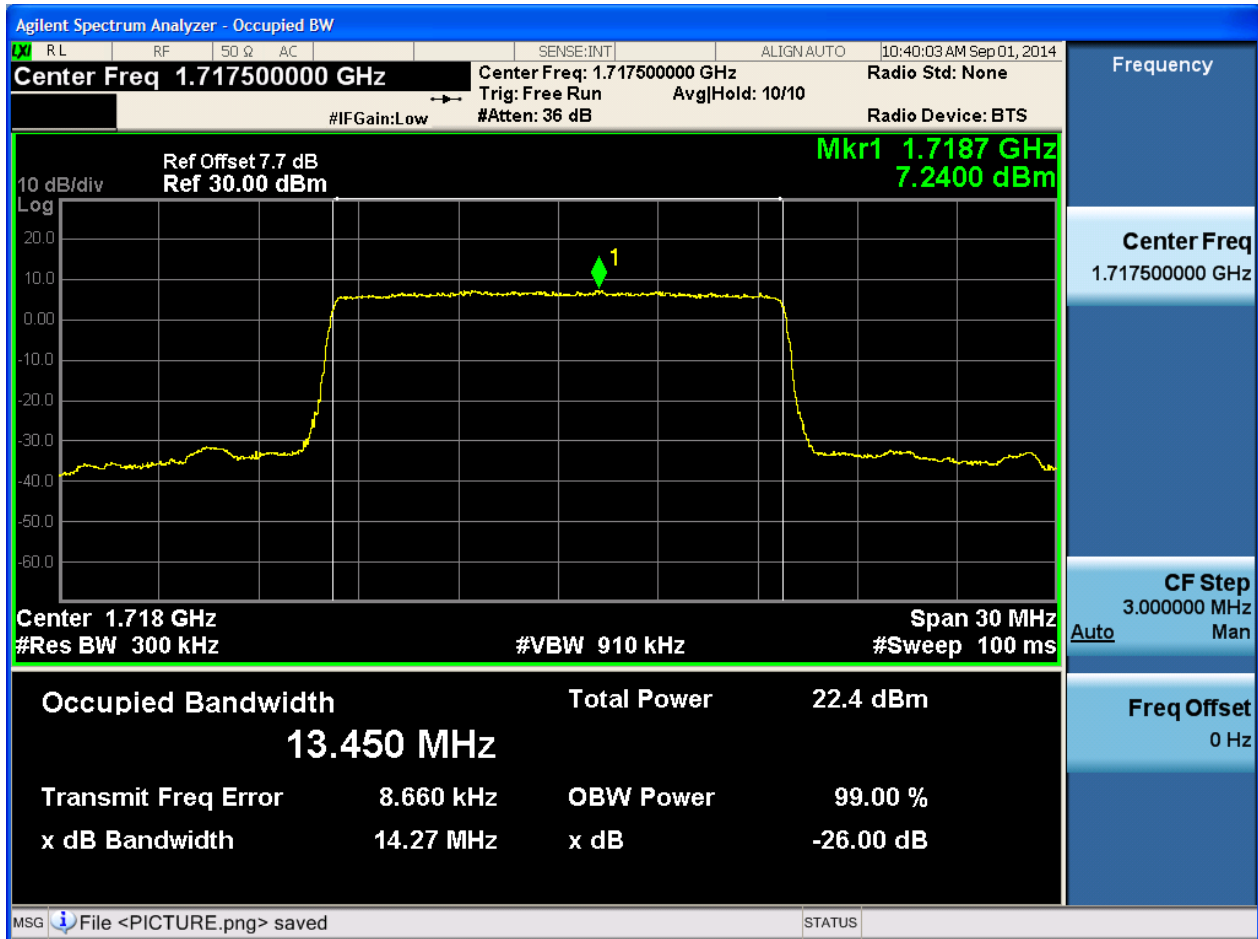
4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0





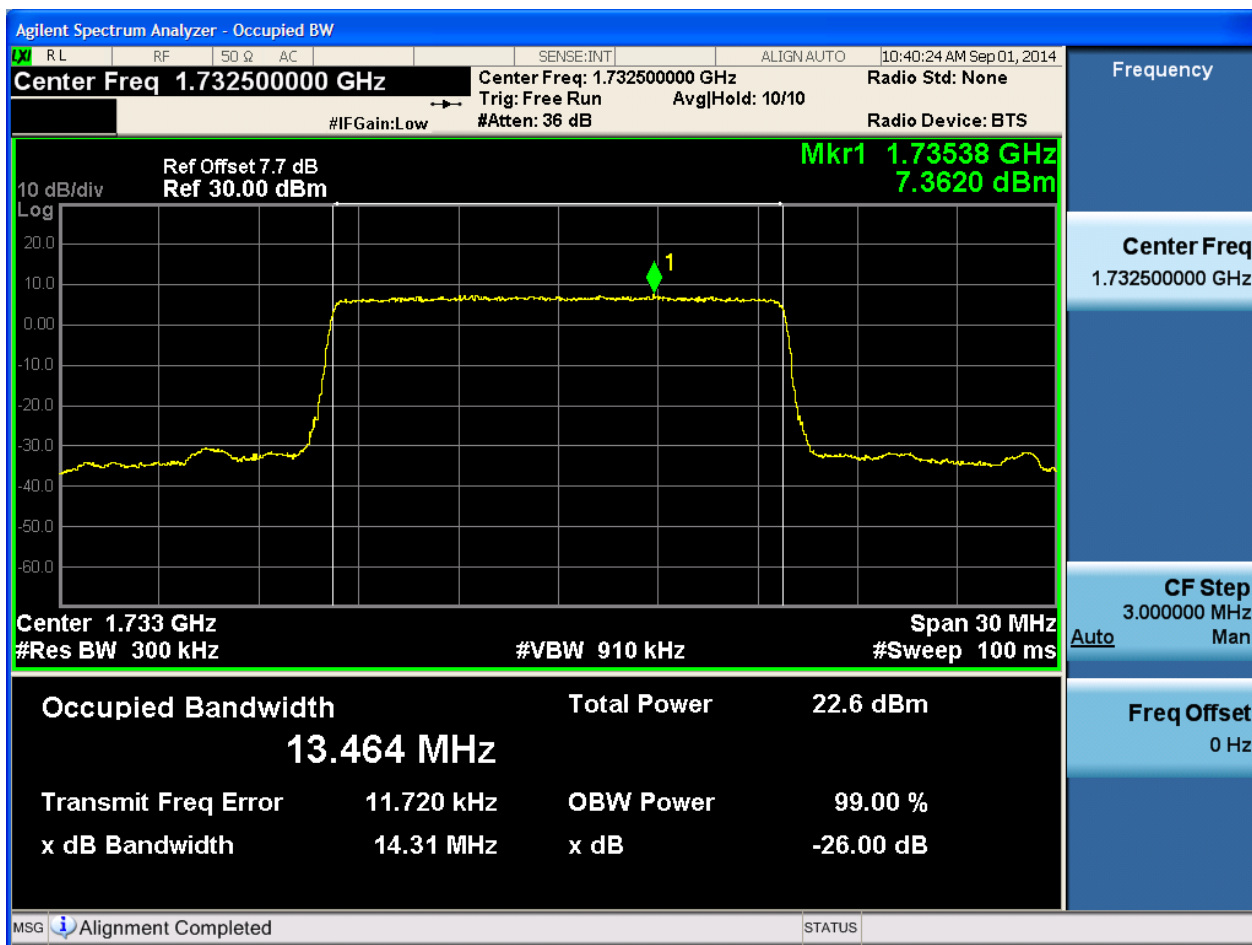
4.1.1.2.5.1.1 Test RB = RB75#0





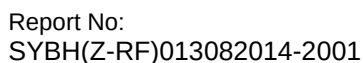
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3.1 Test RB = RB75#0

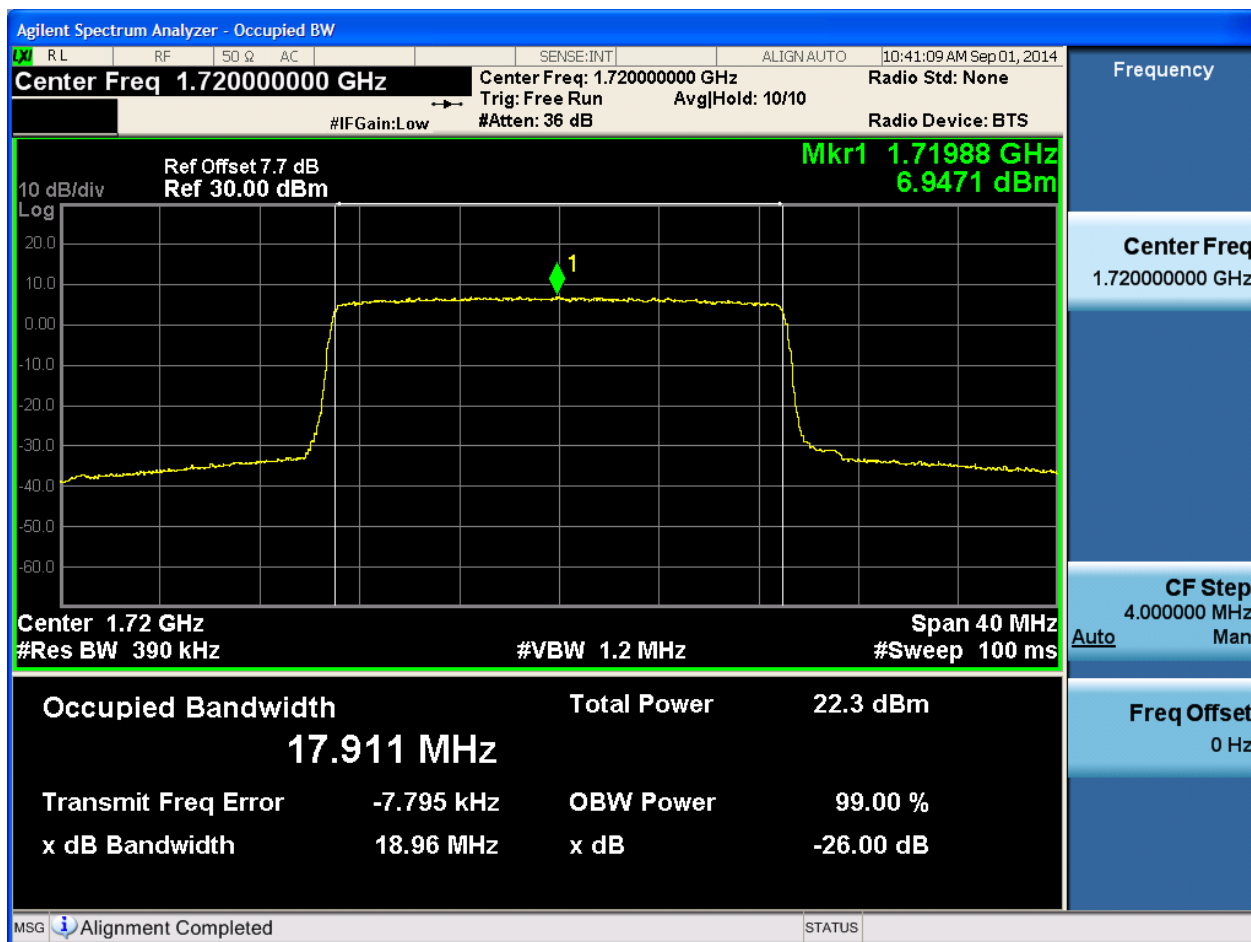




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

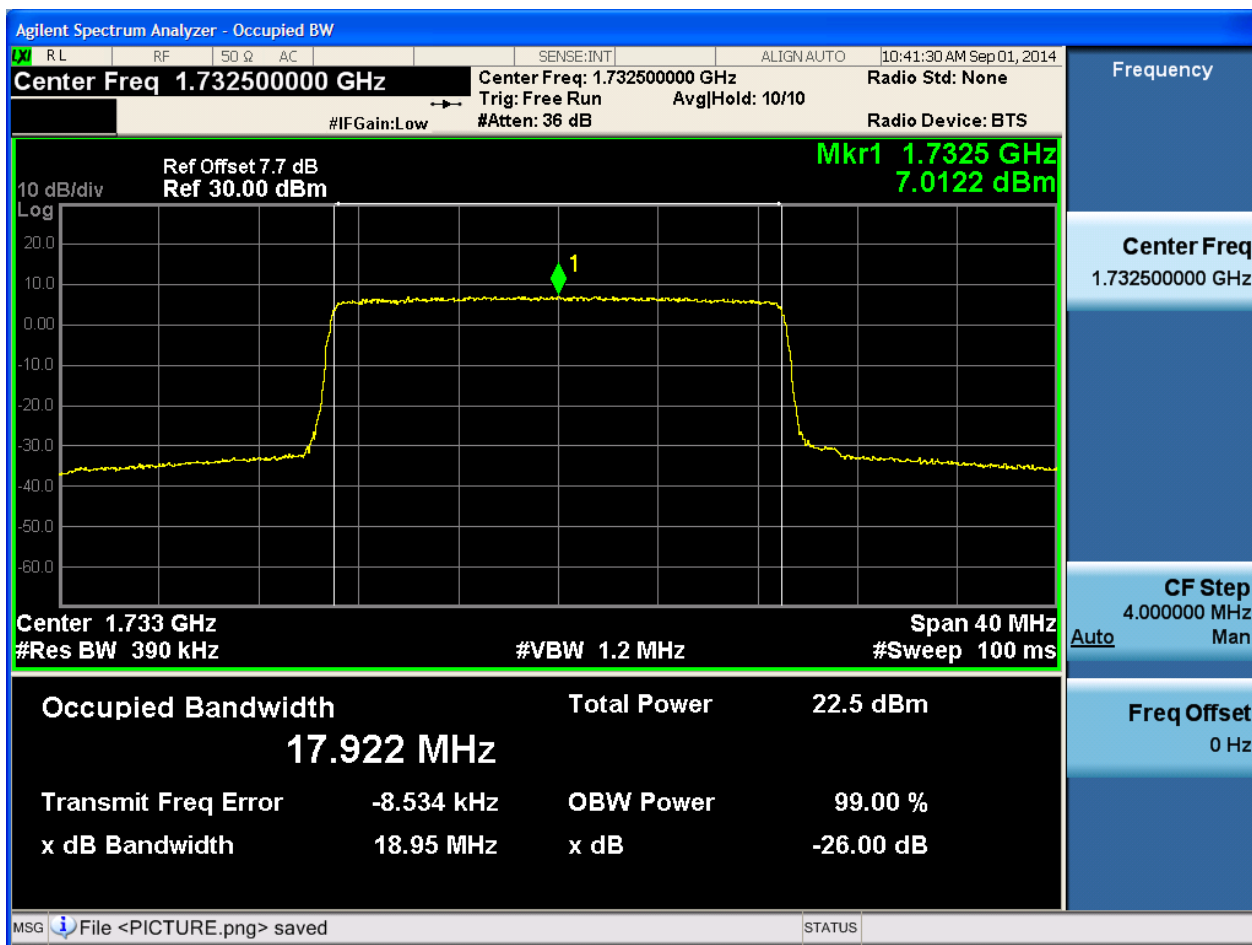
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

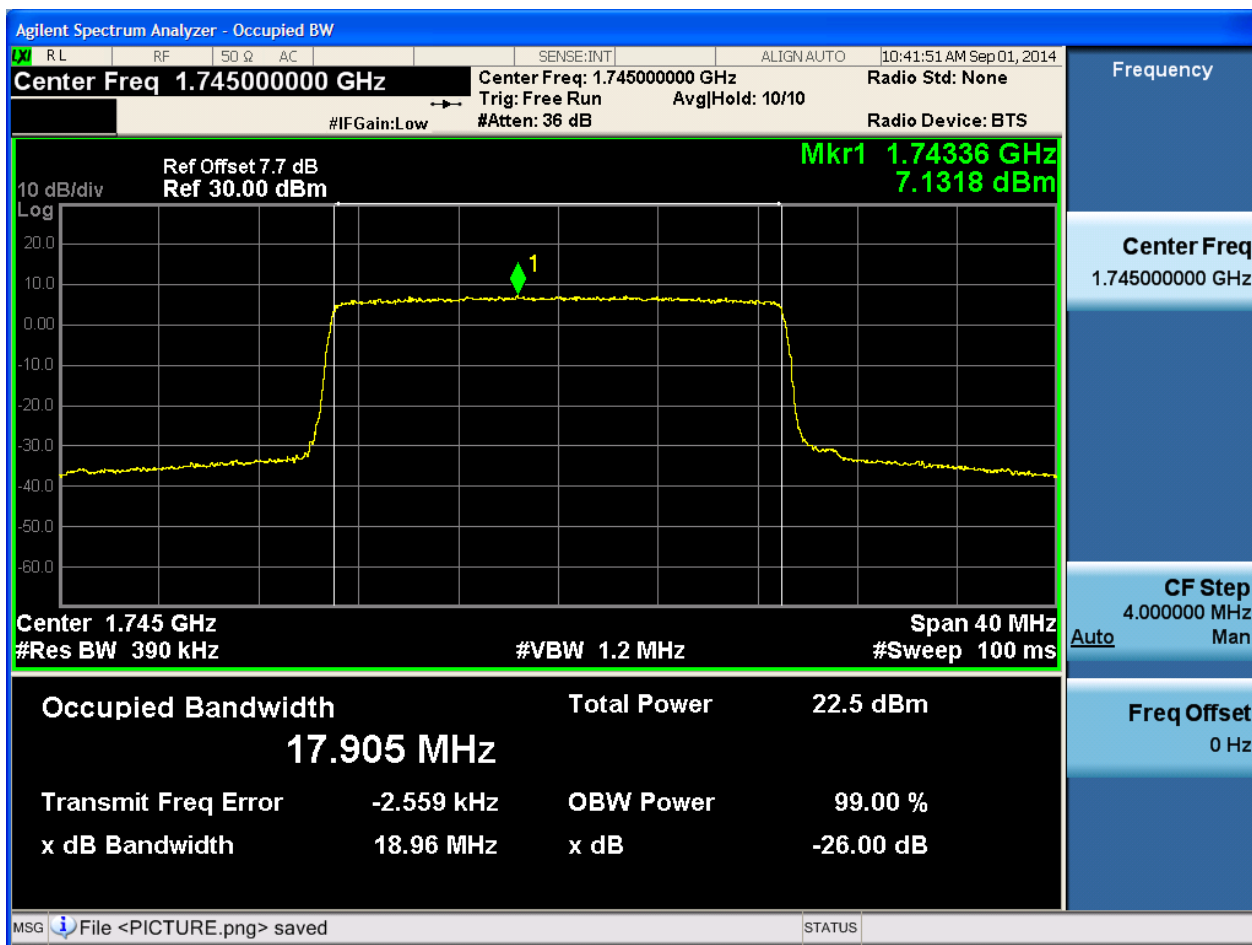
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

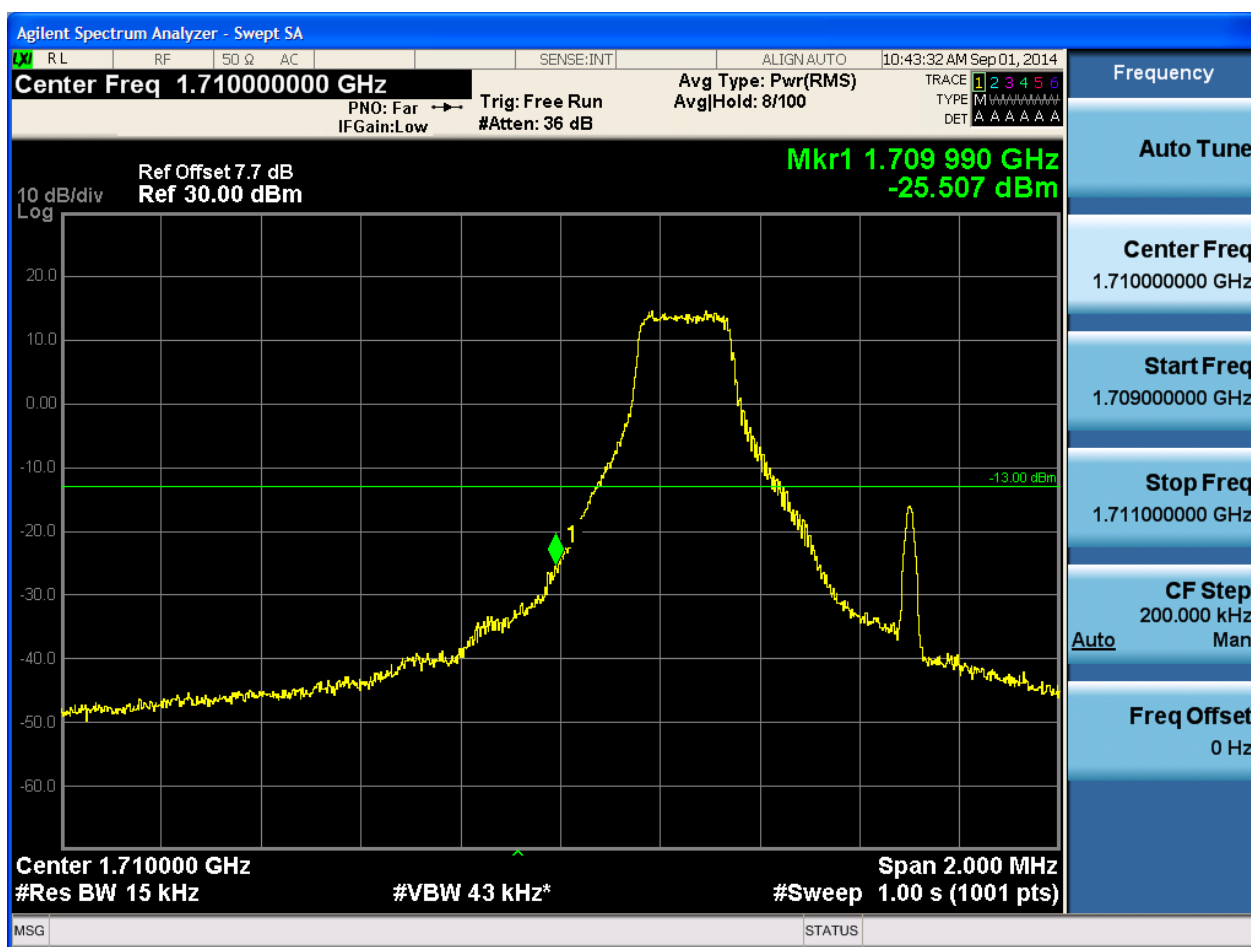
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



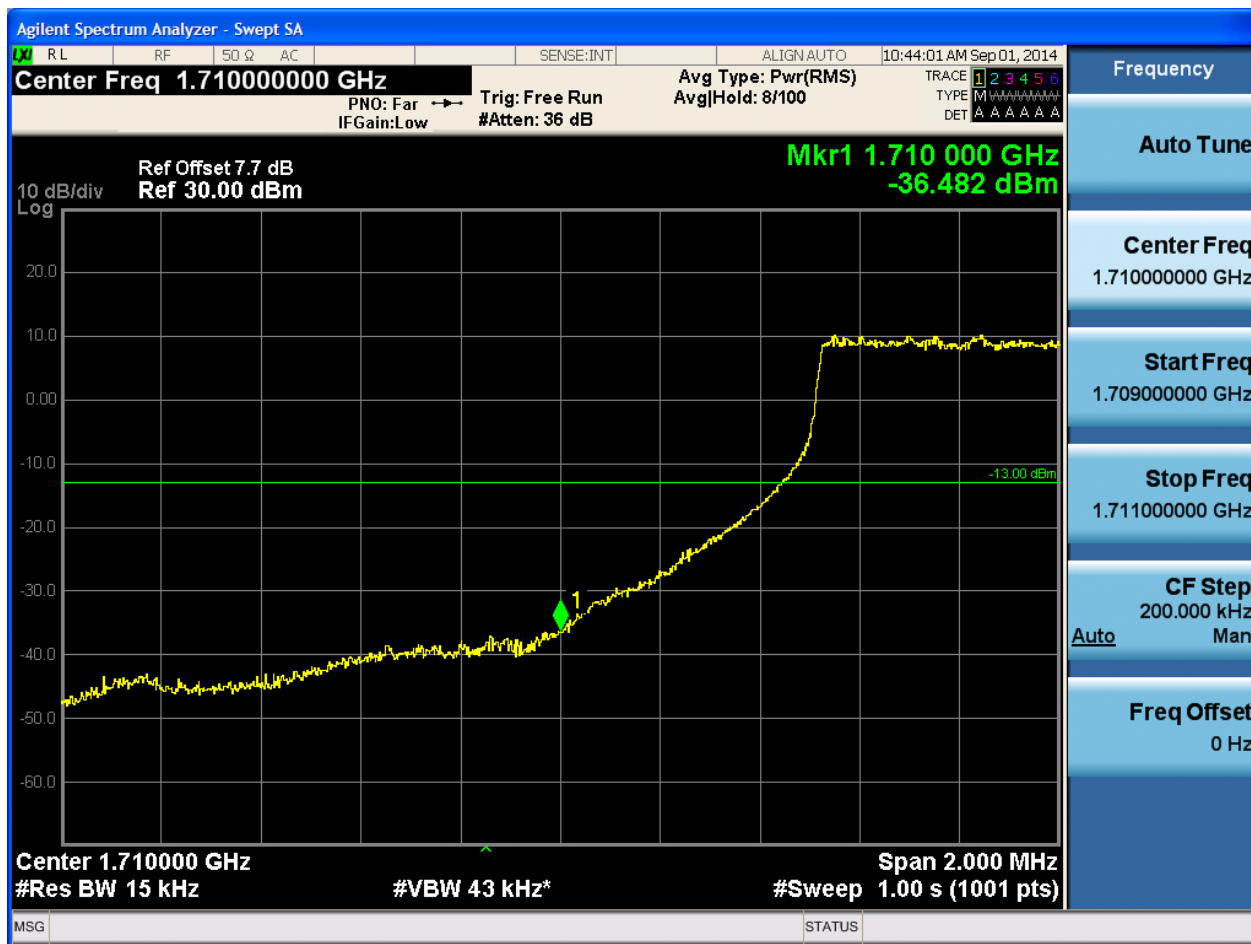


5.1.1.1.1.2 Test RB = RB1#5



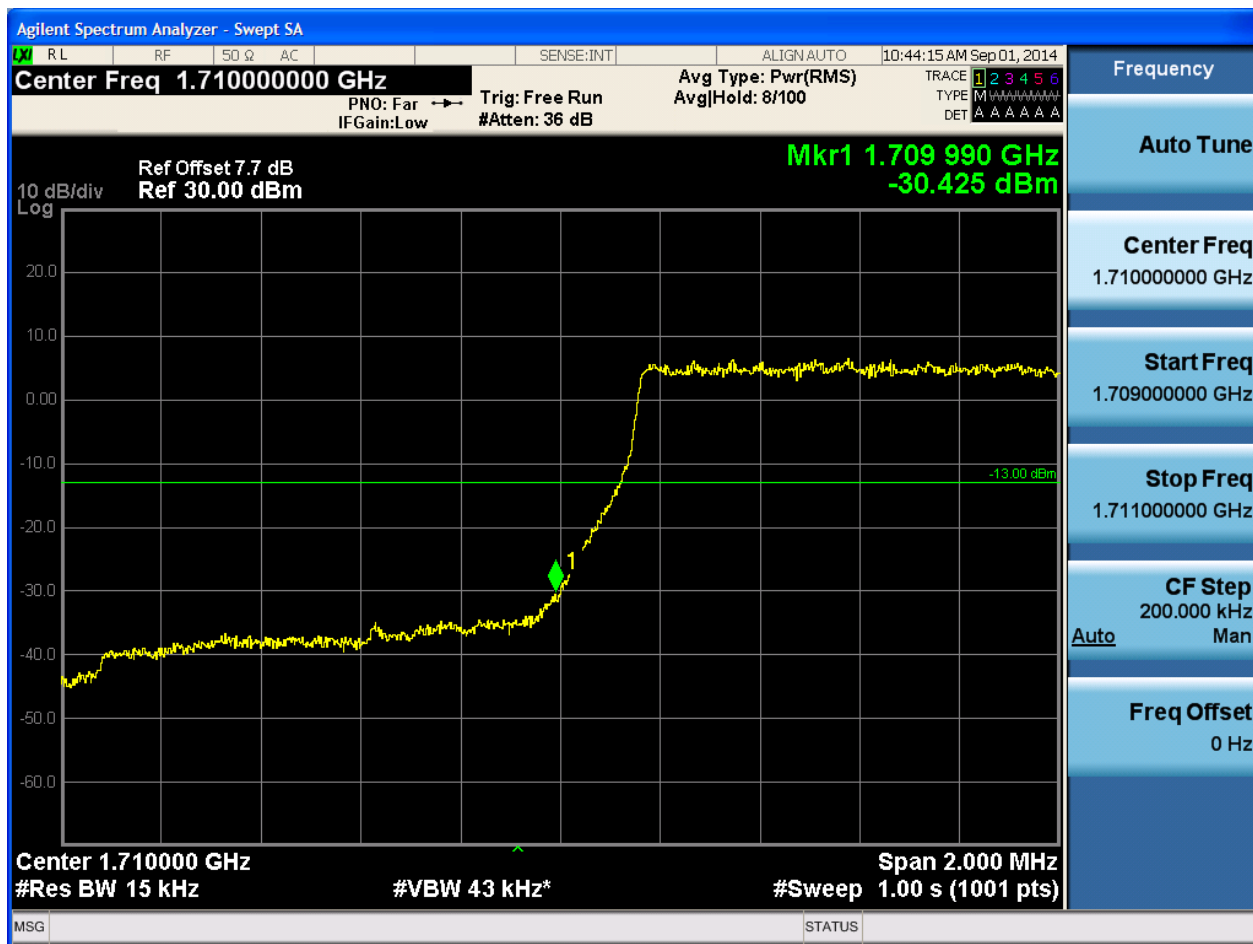


5.1.1.1.1.3 Test RB = RB3#2



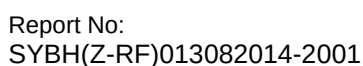


5.1.1.1.1.4 Test RB = RB6#0



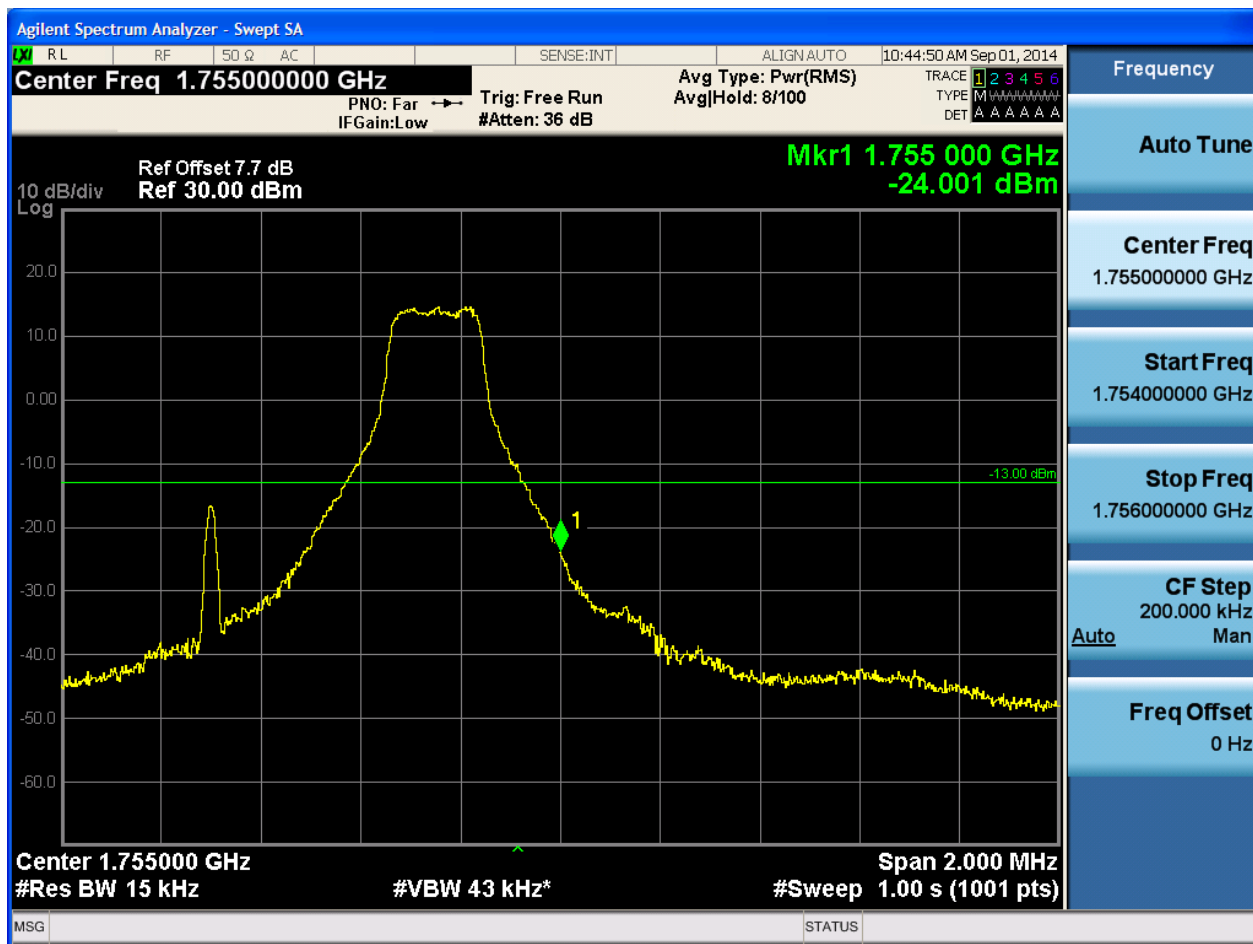


5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

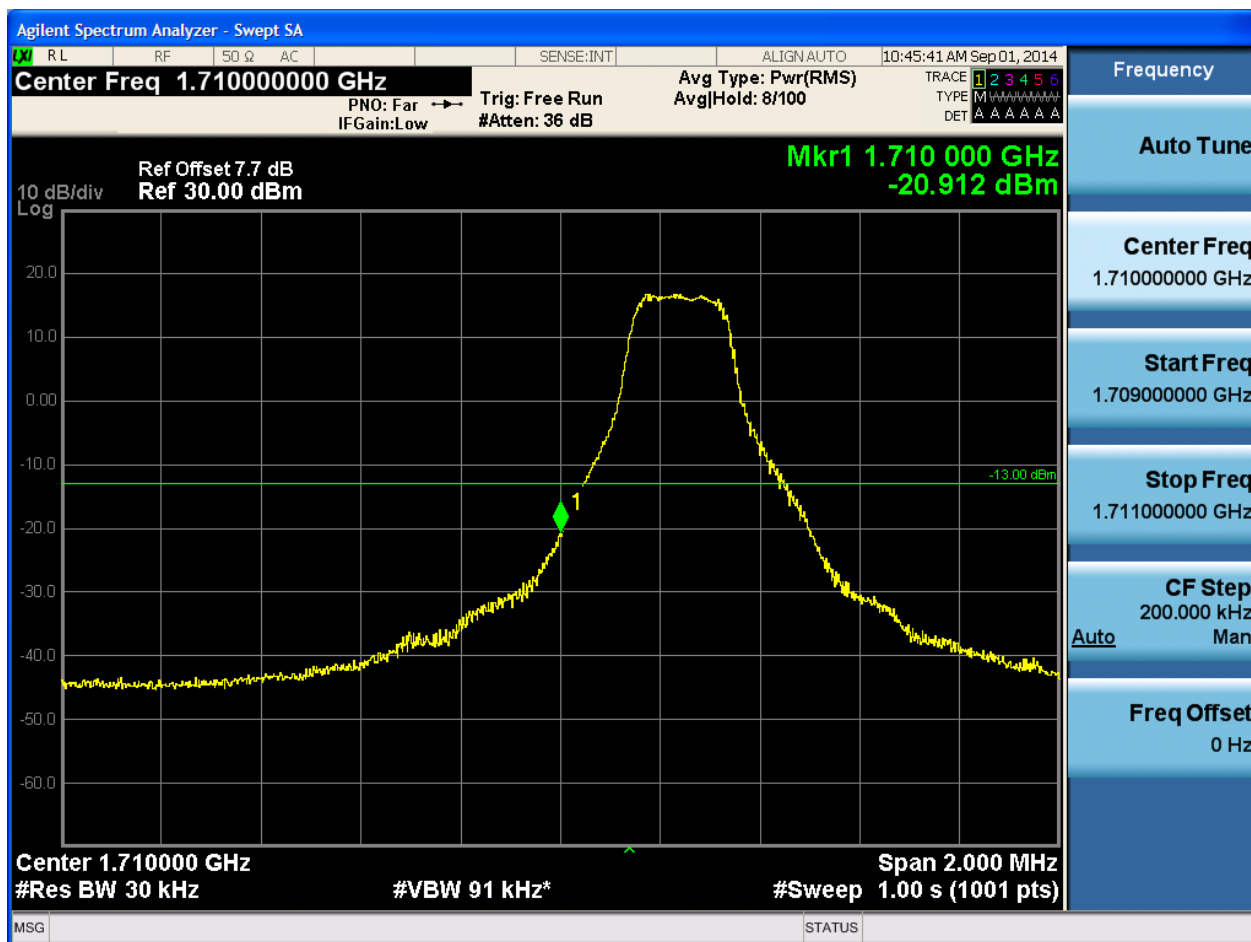




5.1.1.1.2 Test Bandwidth = 3

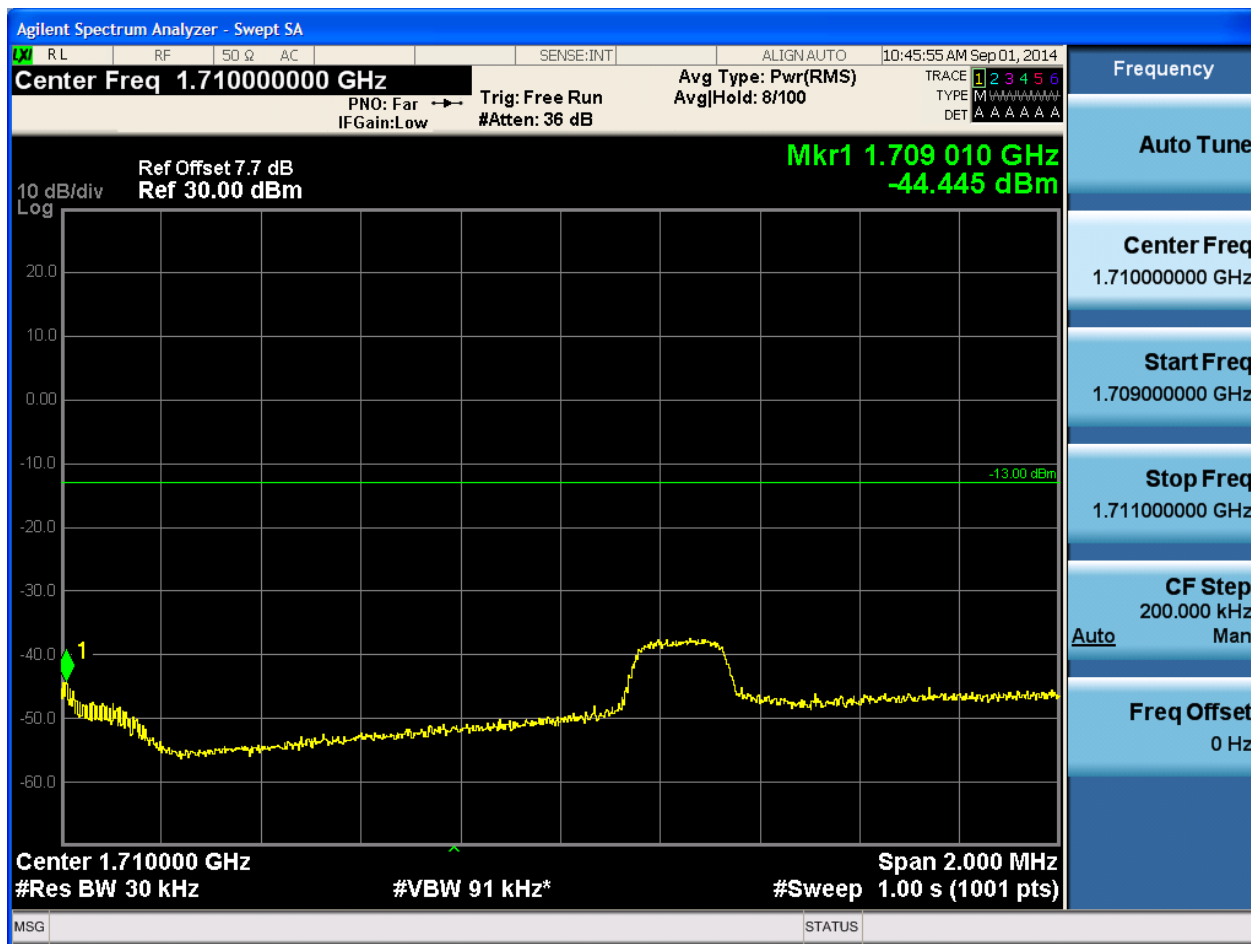
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



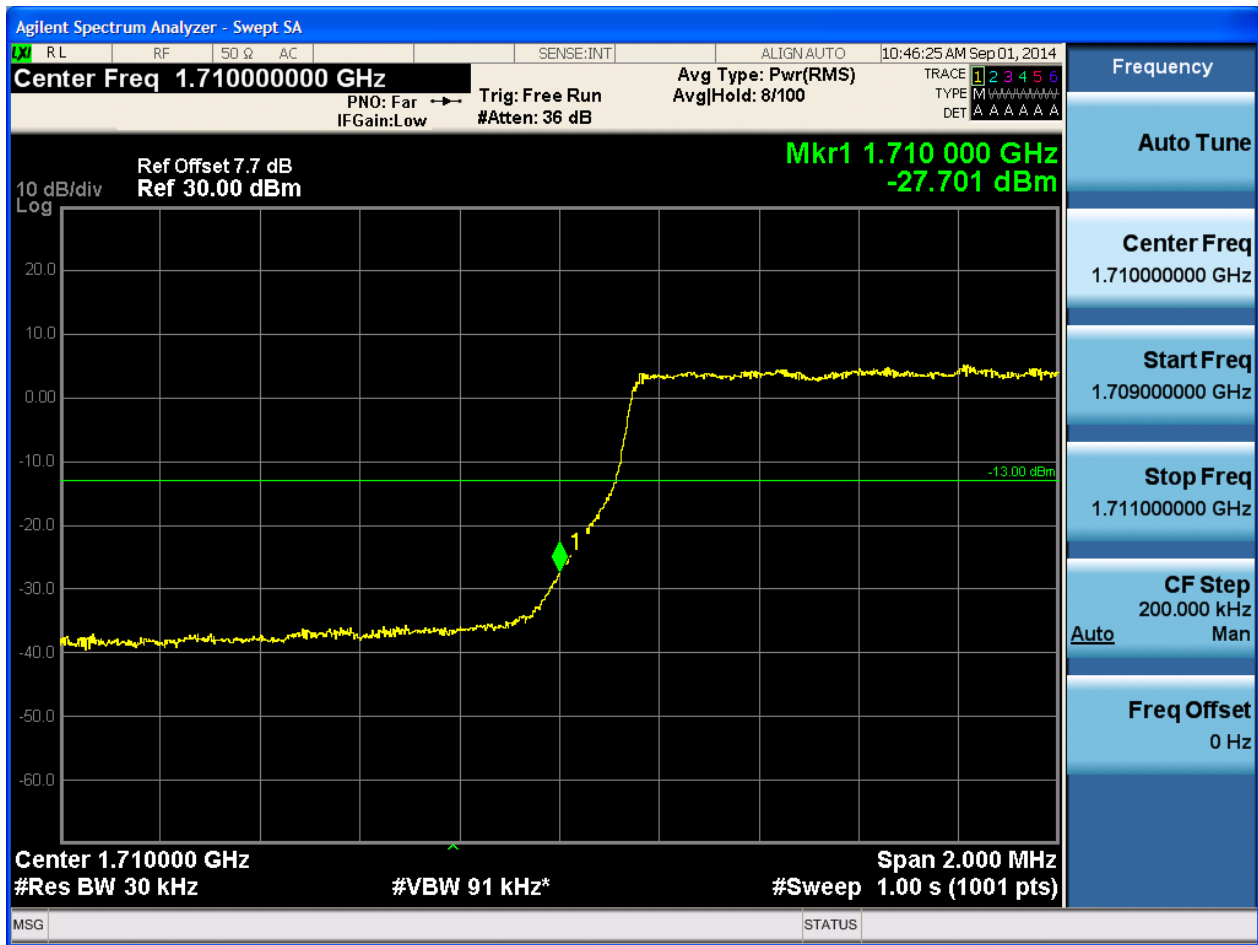


5.1.1.1.2.1.3 Test RB = RB8#4



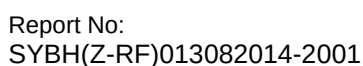


5.1.1.1.2.1.4 Test RB = RB15#0



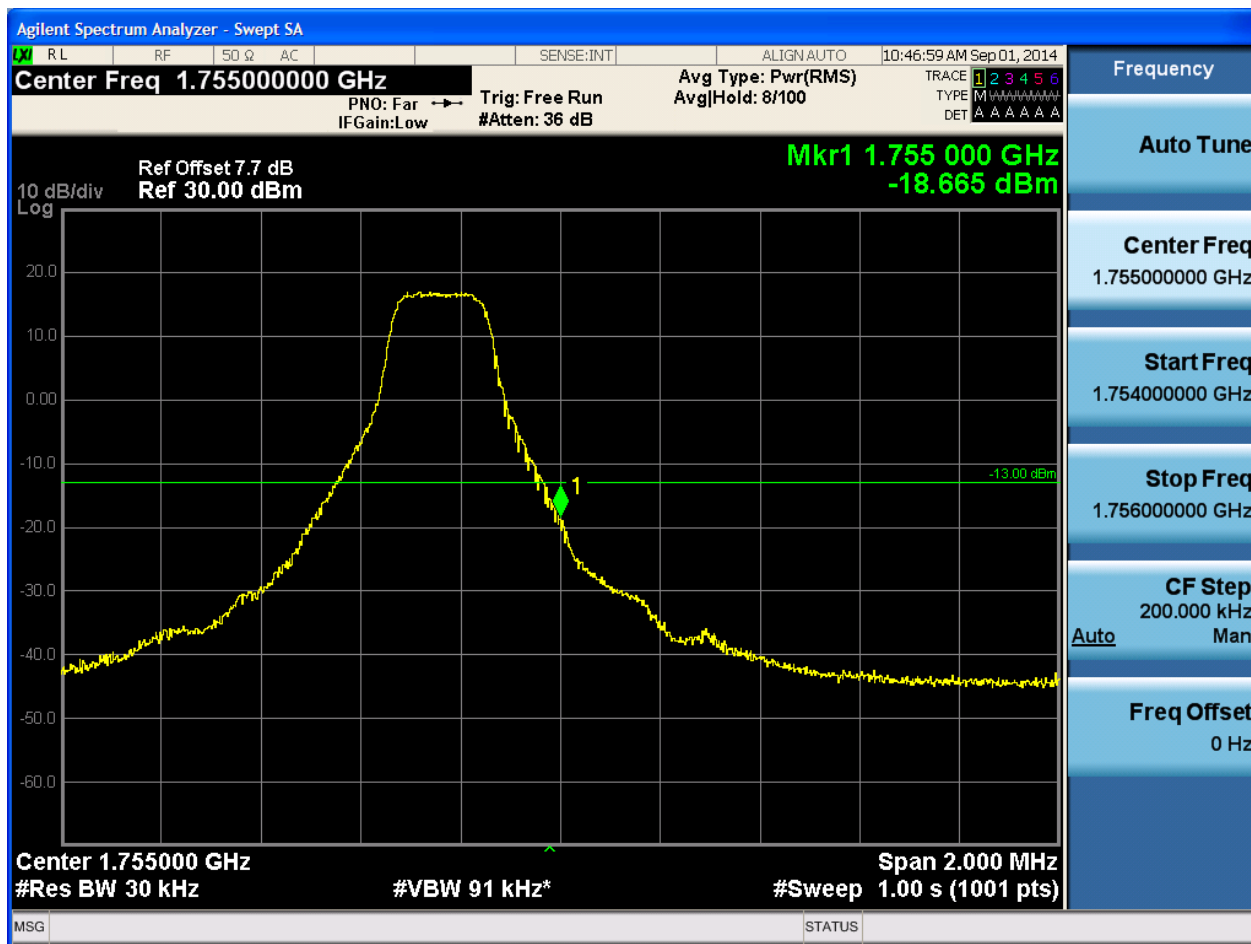


5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

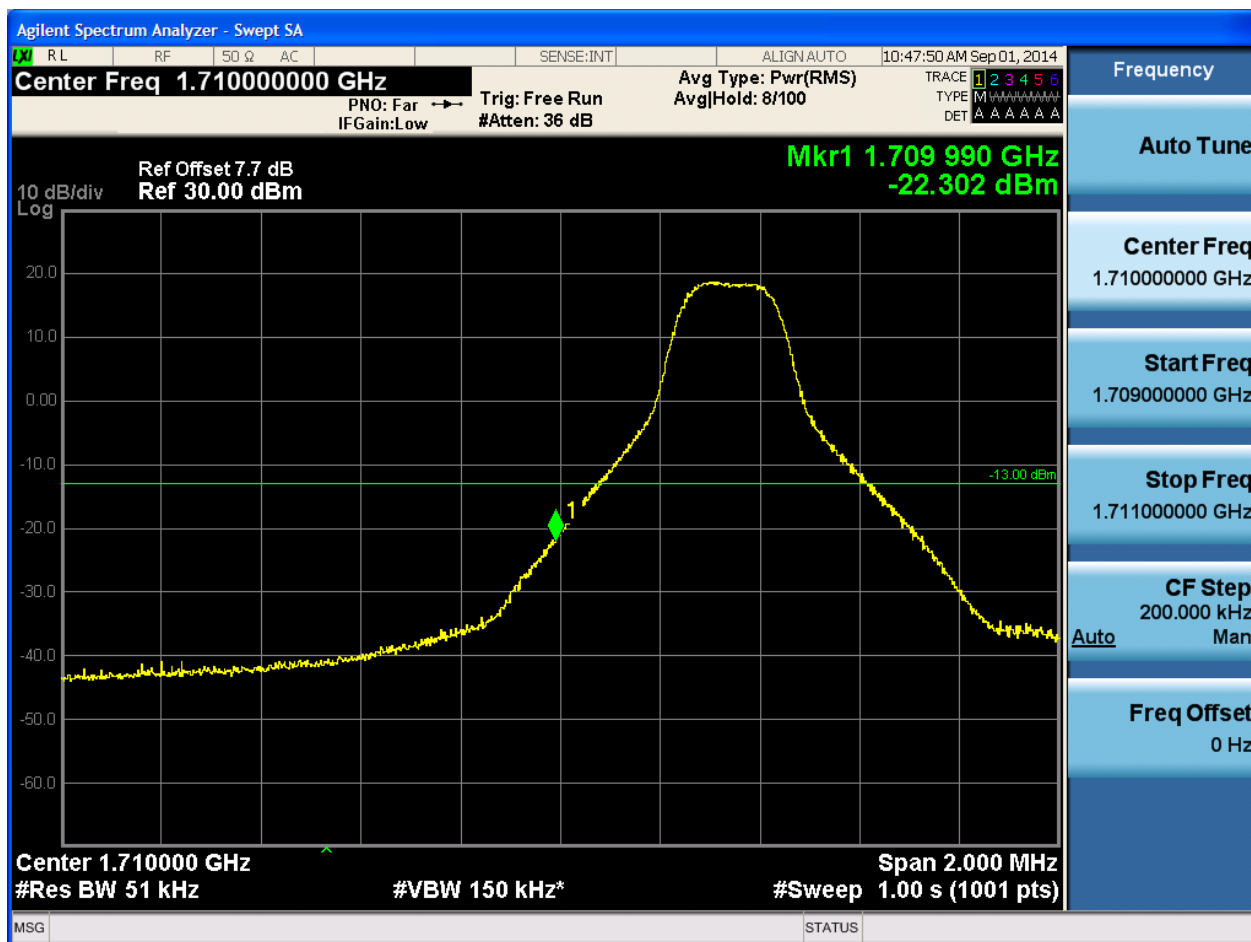




5.1.1.1.3 Test Bandwidth = 5

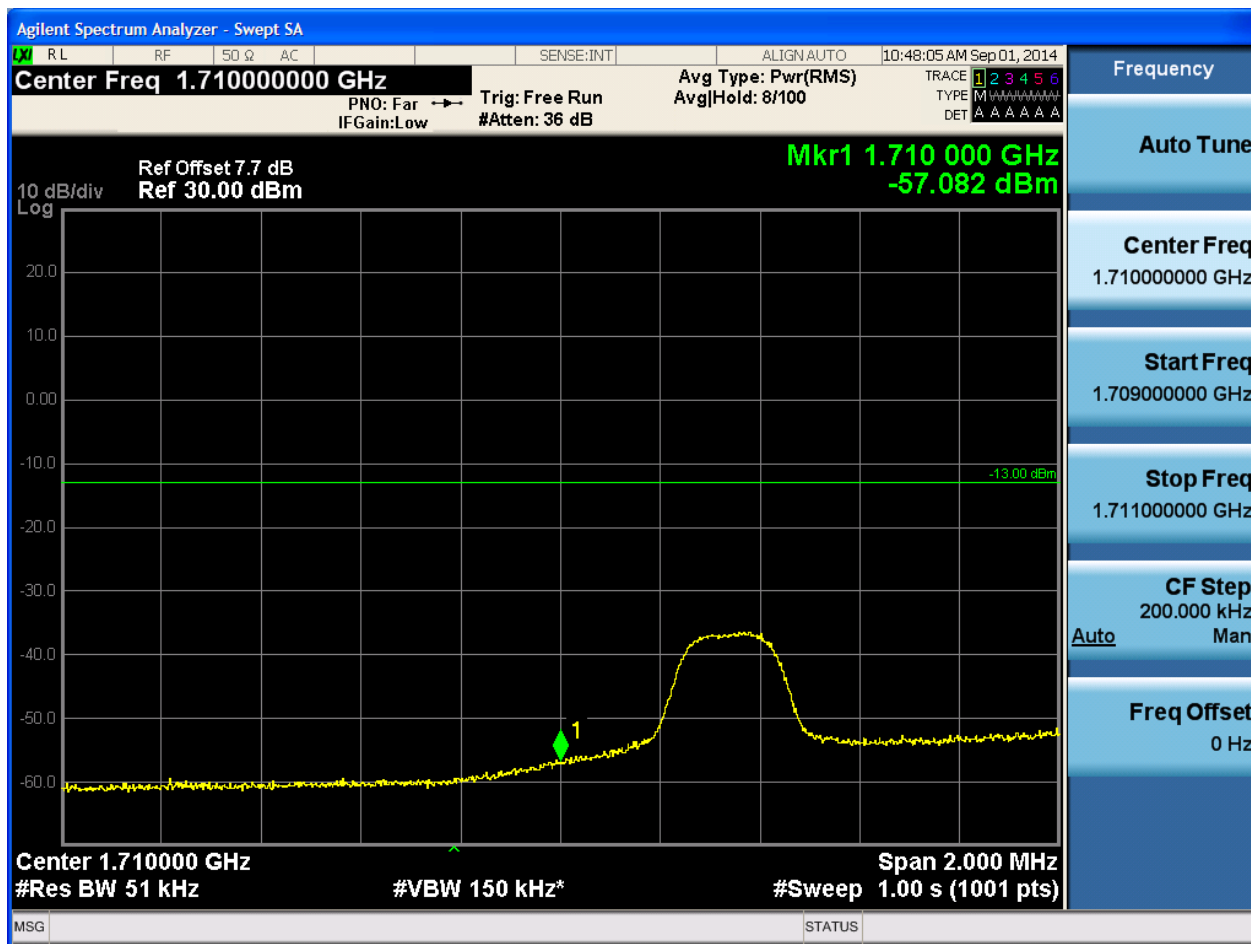
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





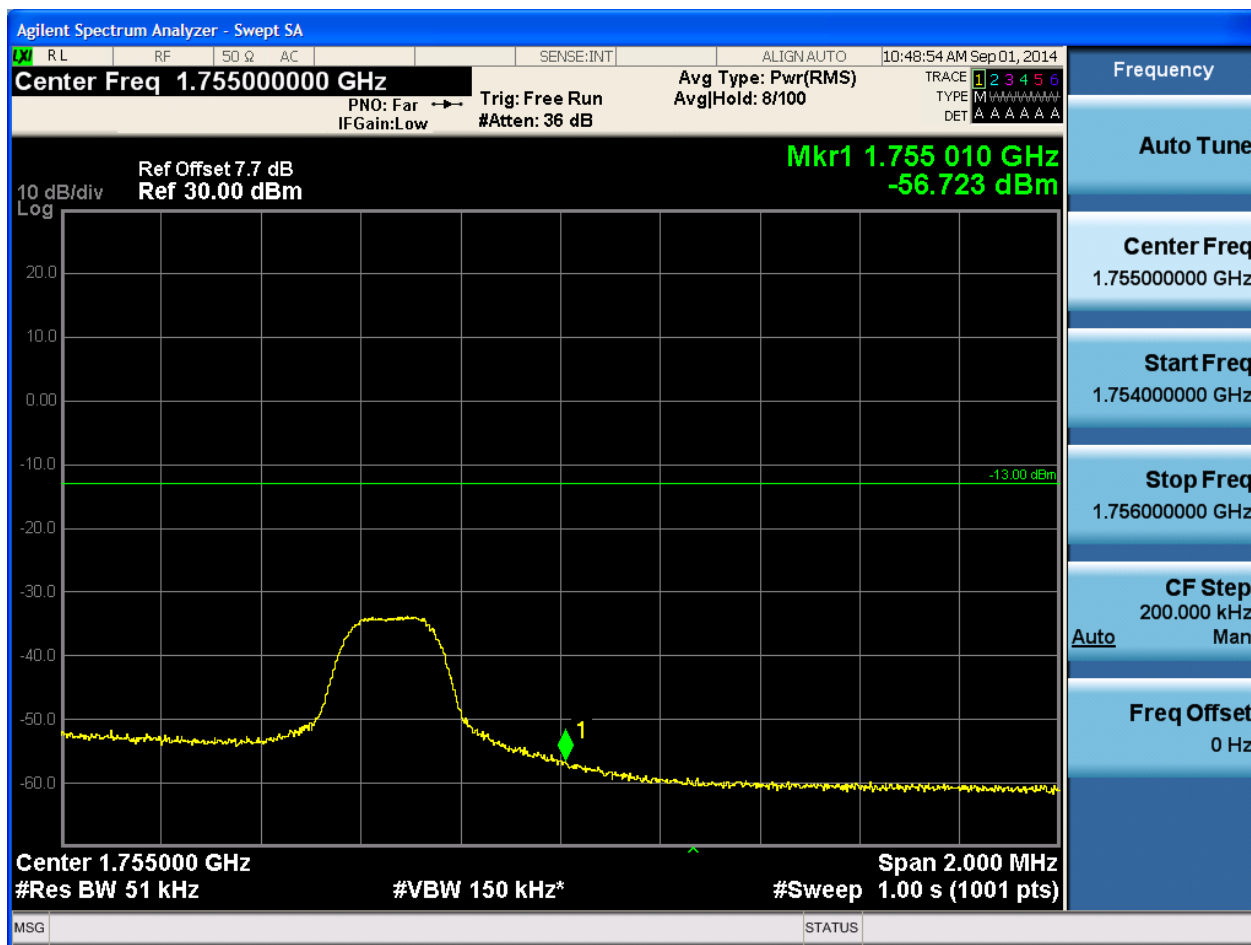
5.1.1.1.3.1.4 Test RB = RB25#0





5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.75500000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 010 GHz
-22.281 dBm

Center 1.755000 GHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

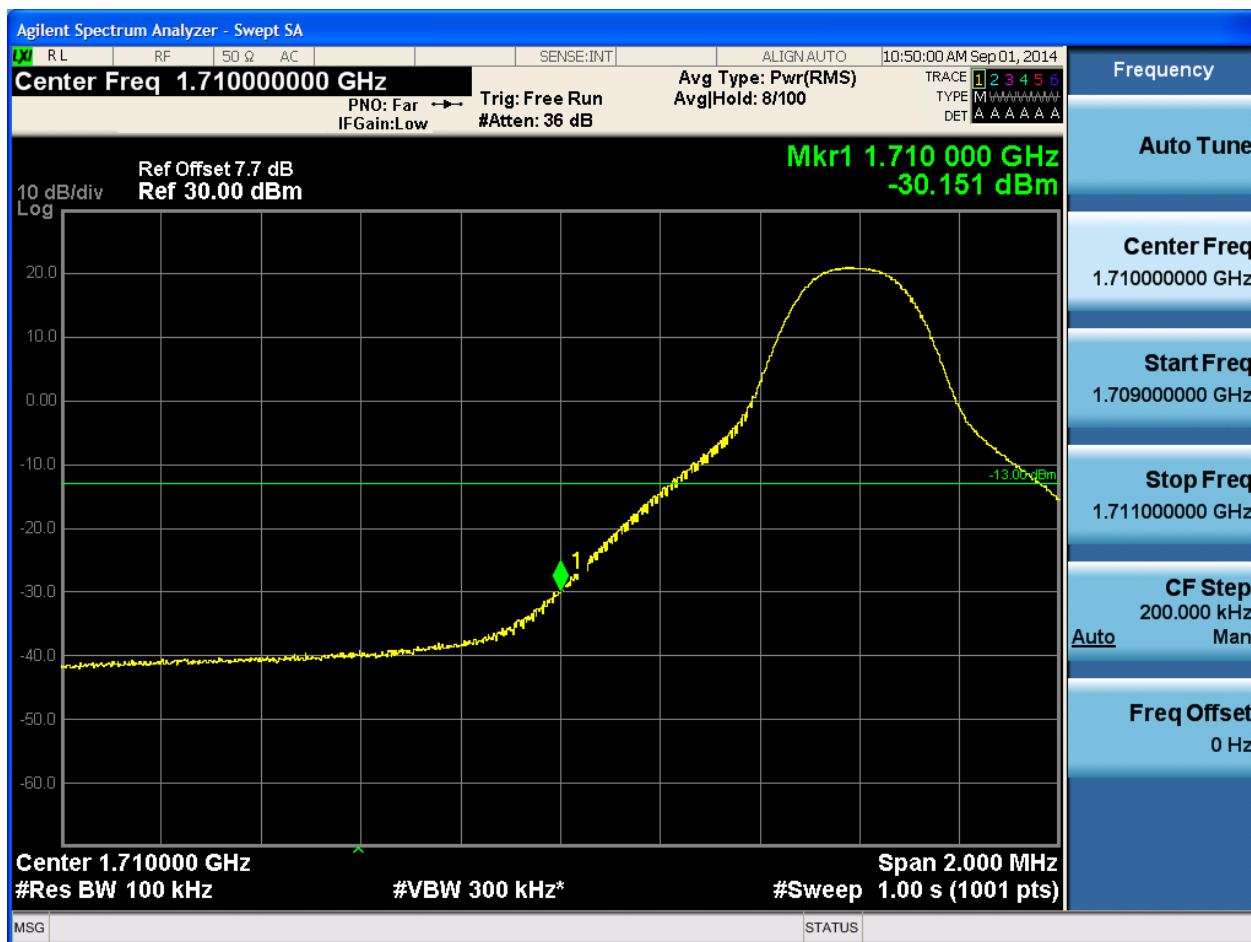




5.1.1.1.4 Test Bandwidth = 10

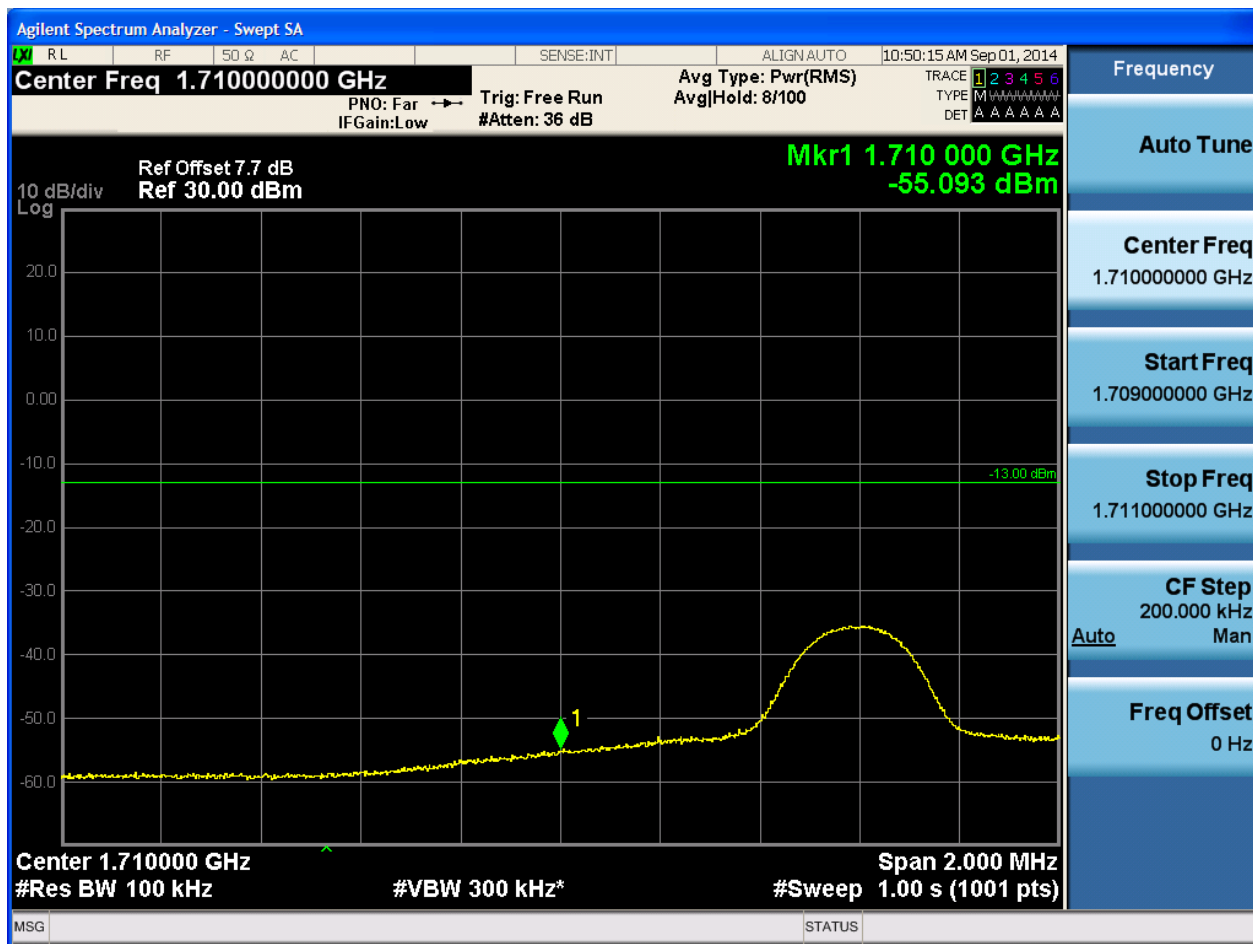
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





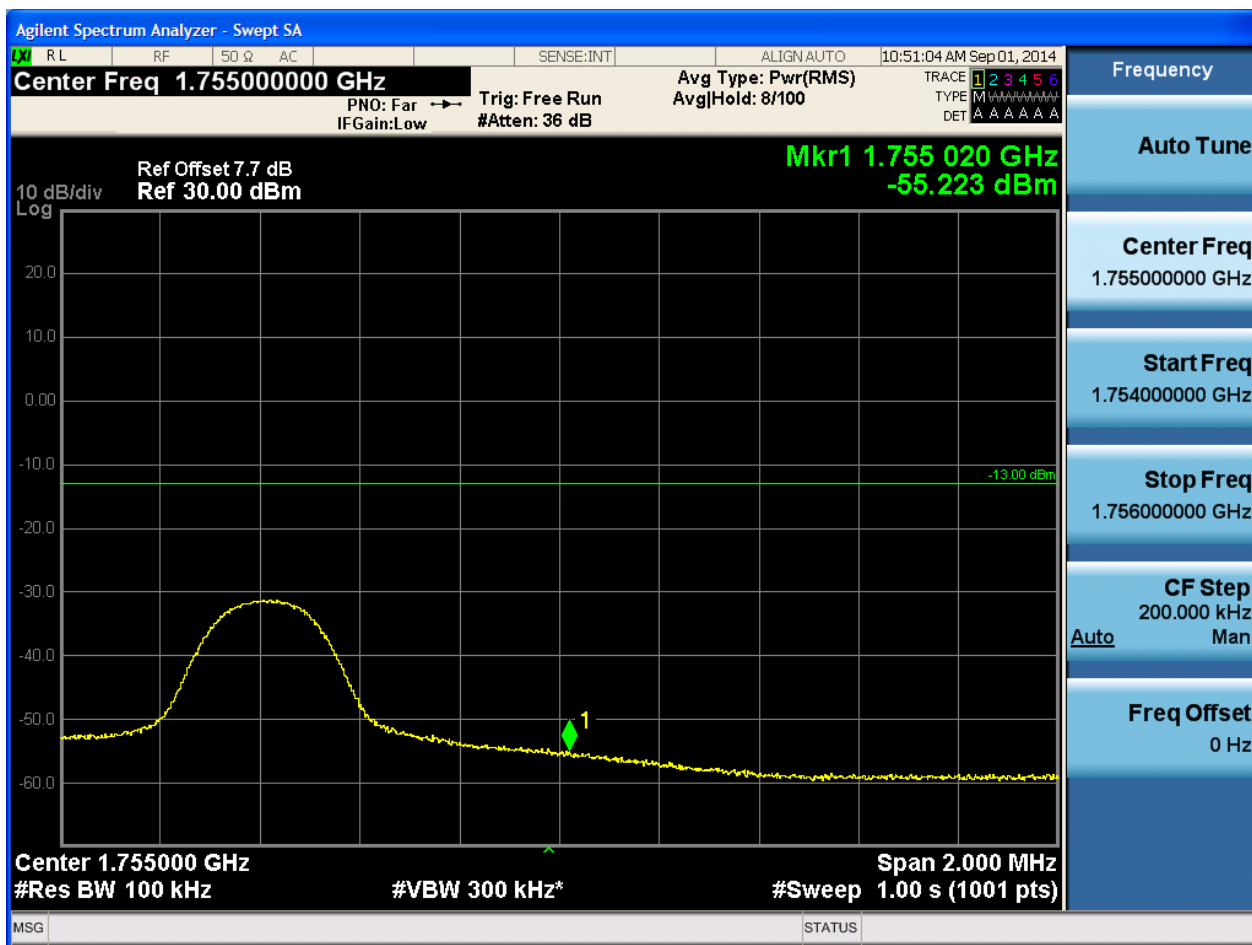
5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



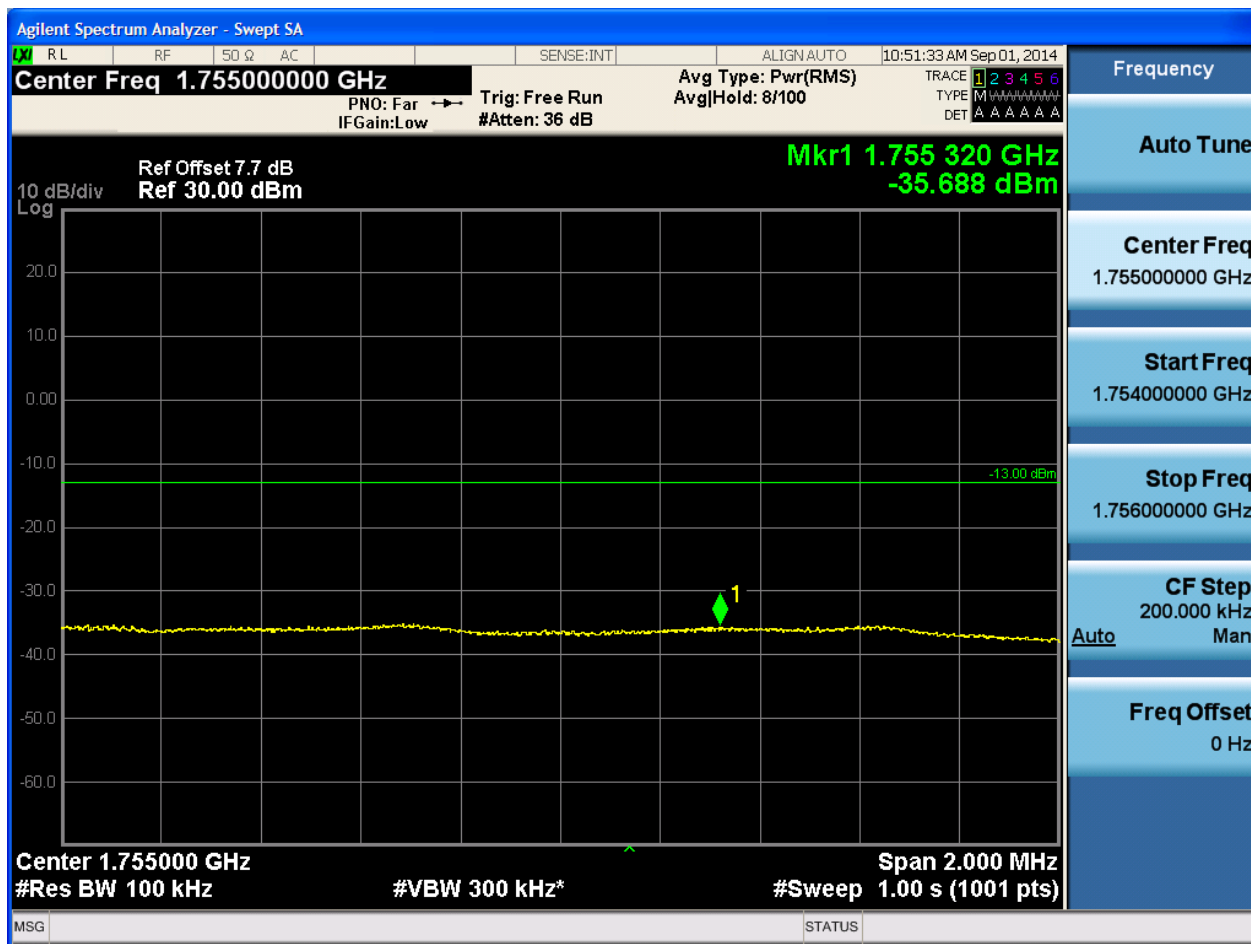


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





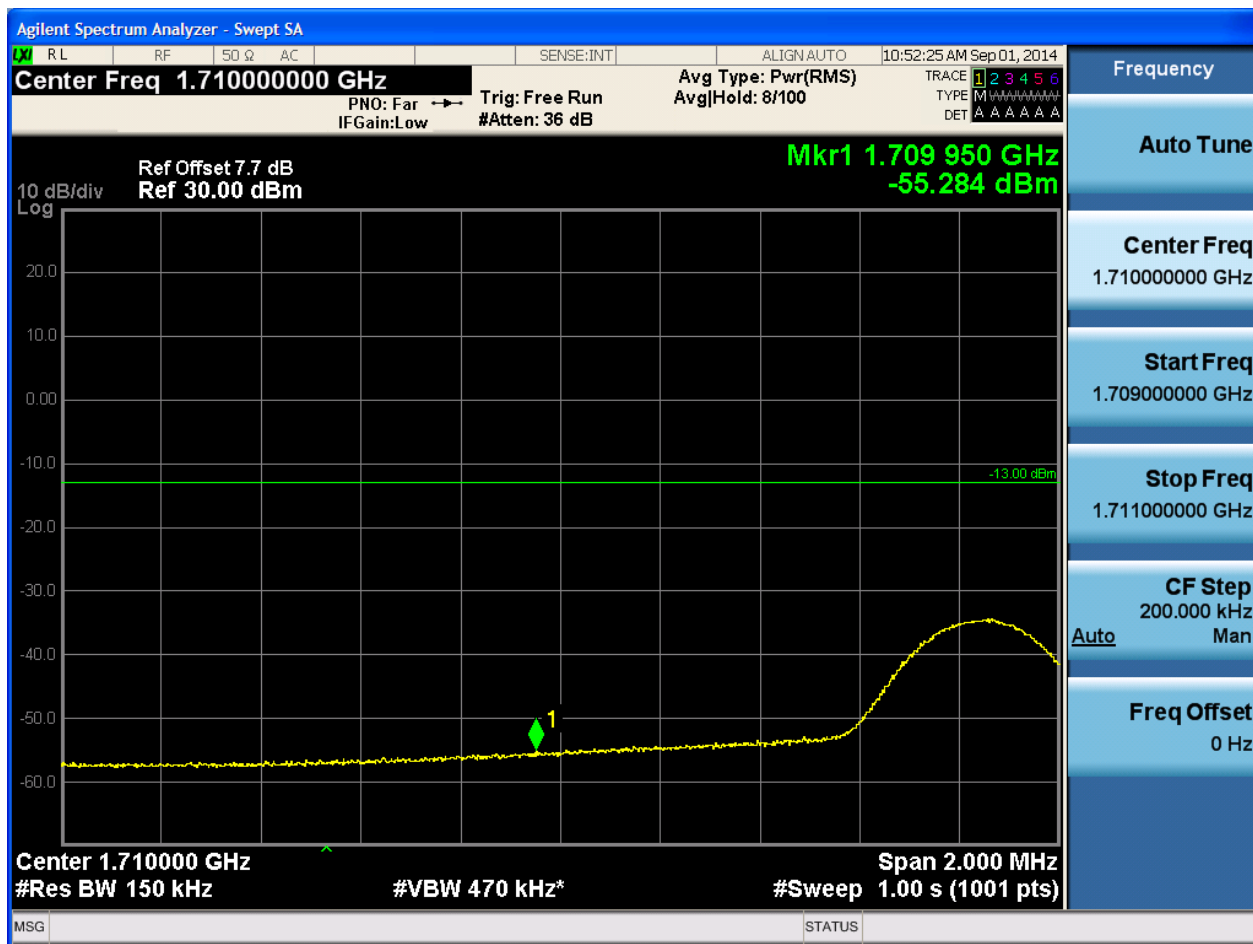
5.1.1.1.4.2.4 Test RB = RB50#0







5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19

