



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	22.57	23.90	30	PASS
				RB1#3	22.76	24.23	30	PASS
				RB1#5	22.61	24.17	30	PASS
				RB3#0	22.56	24.07	30	PASS
				RB3#2	22.65	24.01	30	PASS
				RB3#3	22.62	24.21	30	PASS
				RB6#0	21.78	23.27	30	PASS
			MCH	RB1#0	22.93	24.42	30	PASS
				RB1#3	23.22	24.69	30	PASS
				RB1#5	23.12	24.47	30	PASS
				RB3#0	23.04	24.51	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB3#2	23.13	24.68	30	PASS
				RB3#3	23.11	24.64	30	PASS
				RB6#0	22.29	23.72	30	PASS
			HCH	RB1#0	22.74	24.28	30	PASS
				RB1#3	22.92	24.35	30	PASS
				RB1#5	22.8	24.40	30	PASS
				RB3#0	22.75	24.26	30	PASS
				RB3#2	22.84	24.31	30	PASS
				RB3#3	22.8	24.30	30	PASS
				RB6#0	22	23.33	30	PASS
		3	LCH	RB1#0	22.15	23.51	30	PASS
				RB1#7	22.65	24.20	30	PASS
				RB1#14	22.42	23.91	30	PASS
				RB8#0	21.57	22.94	30	PASS
				RB8#4	21.73	23.31	30	PASS
				RB8#7	21.68	23.11	30	PASS
				RB15#0	21.61	23.21	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.65	23.96	30	PASS
				RB1#7	23.14	24.72	30	PASS
				RB1#14	22.88	24.32	30	PASS
				RB8#0	22.16	23.53	30	PASS
				RB8#4	22.35	23.90	30	PASS
				RB8#7	22.35	23.79	30	PASS
				RB15#0	22.25	23.85	30	PASS
			HCH	RB1#0	22.64	23.96	30	PASS
				RB1#7	23.16	24.63	30	PASS
				RB1#14	22.82	24.32	30	PASS
				RB8#0	21.84	23.30	30	PASS
				RB8#4	22.07	23.63	30	PASS
				RB8#7	22.03	23.42	30	PASS
				RB15#0	21.98	23.31	30	PASS
		5	LCH	RB1#0	22.01	23.45	30	PASS
				RB1#13	22.69	24.18	30	PASS
				RB1#24	22.02	23.51	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	21.58	23.10	30	PASS
				RB12#6	21.81	23.38	30	PASS
				RB12#13	21.56	22.88	30	PASS
				RB25#0	21.69	23.23	30	PASS
			MCH	RB1#0	22.41	23.90	30	PASS
				RB1#13	23.2	24.70	30	PASS
				RB1#24	22.55	24.04	30	PASS
				RB12#0	22.06	23.52	30	PASS
				RB12#6	22.35	23.76	30	PASS
				RB12#13	22.18	23.74	30	PASS
				RB25#0	22.13	23.61	30	PASS
			HCH	RB1#0	22.3	23.86	30	PASS
				RB1#13	22.81	24.17	30	PASS
				RB1#24	22.13	23.43	30	PASS
				RB12#0	21.91	23.44	30	PASS
				RB12#6	22.07	23.54	30	PASS
				RB12#13	21.87	23.32	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
		10	LCH	RB25#0	21.94	23.38	30	PASS
				RB1#0	22.11	23.44	30	PASS
				RB1#25	22.8	24.34	30	PASS
				RB1#49	21.54	22.85	30	PASS
				RB25#0	21.48	22.83	30	PASS
				RB25#13	21.78	23.28	30	PASS
				RB25#25	21.43	22.94	30	PASS
				RB50#0	21.38	22.76	30	PASS
			MCH	RB1#0	22.37	23.75	30	PASS
				RB1#25	23.3	24.63	30	PASS
				RB1#49	22.03	23.51	30	PASS
				RB25#0	21.85	23.28	30	PASS
				RB25#13	22.16	23.63	30	PASS
				RB25#25	21.97	23.44	30	PASS
				RB50#0	21.9	23.36	30	PASS
			HCH	RB1#0	22.5	24.04	30	PASS
				RB1#25	23.11	24.62	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.66	23.19	30	PASS
				RB25#0	21.93	23.39	30	PASS
				RB25#13	22.03	23.54	30	PASS
				RB25#25	21.73	23.13	30	PASS
				RB50#0	21.89	23.29	30	PASS
		15	LCH	RB1#0	22.53	24.06	30	PASS
				RB1#38	22.86	24.31	30	PASS
				RB1#74	22.3	23.78	30	PASS
				RB38#0	21.68	23.04	30	PASS
				RB38#19	21.98	23.42	30	PASS
				RB38#39	21.77	23.20	30	PASS
				RB75#0	21.78	23.12	30	PASS
			MCH	RB1#0	22.82	24.24	30	PASS
				RB1#38	23.28	24.75	30	PASS
				RB1#74	22.41	23.90	30	PASS
				RB38#0	22.03	23.61	30	PASS
				RB38#19	22.29	23.67	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB38#39	22.05	23.55	30	PASS
				RB75#0	22.1	23.47	30	PASS
			HCH	RB1#0	22.95	24.48	30	PASS
				RB1#38	23.1	24.47	30	PASS
				RB1#74	22.15	23.52	30	PASS
				RB38#0	22.14	23.53	30	PASS
				RB38#19	22.31	23.69	30	PASS
				RB38#39	21.99	23.32	30	PASS
				RB75#0	22.07	23.38	30	PASS
		20	LCH	RB1#0	22.76	24.35	30	PASS
				RB1#50	22.89	24.47	30	PASS
				RB1#99	22.68	24.22	30	PASS
				RB50#0	21.85	23.33	30	PASS
				RB50#25	21.96	23.28	30	PASS
				RB50#50	22	23.60	30	PASS
				RB100#0	21.84	23.19	30	PASS
			MCH	RB1#0	23	24.55	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	23.23	24.73	30	PASS
				RB1#99	22.74	24.19	30	PASS
				RB50#0	22.09	23.45	30	PASS
				RB50#25	22.21	23.68	30	PASS
				RB50#50	22.2	23.65	30	PASS
				RB100#0	22.19	23.52	30	PASS
			HCH	RB1#0	23.18	24.67	30	PASS
				RB1#50	23.17	24.48	30	PASS
				RB1#99	22.43	23.92	30	PASS
				RB50#0	22.2	23.70	30	PASS
				RB50#25	22.17	23.65	30	PASS
				RB50#50	22.2	23.51	30	PASS
				RB100#0	22.19	23.50	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.81	23.29	30	PASS
				RB1#3	21.99	23.53	30	PASS
				RB1#5	21.88	23.40	30	PASS
				RB3#0	21.78	23.18	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB3#2	21.82	23.23	30	PASS
				RB3#3	21.78	23.24	30	PASS
				RB6#0	20.72	22.05	30	PASS
			MCH	RB1#0	22.28	23.60	30	PASS
				RB1#3	22.54	23.86	30	PASS
				RB1#5	22.41	23.89	30	PASS
				RB3#0	22.28	23.69	30	PASS
				RB3#2	22.38	23.94	30	PASS
				RB3#3	22.48	23.86	30	PASS
				RB6#0	21.2	22.62	30	PASS
			HCH	RB1#0	21.96	23.29	30	PASS
				RB1#3	22.11	23.67	30	PASS
				RB1#5	22.01	23.40	30	PASS
				RB3#0	22.1	23.67	30	PASS
				RB3#2	22.17	23.61	30	PASS
				RB3#3	22.14	23.63	30	PASS
				RB6#0	21	22.46	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
		3	LCH	RB1#0	21.53	22.91	30	PASS
				RB1#7	22.11	23.65	30	PASS
				RB1#14	21.71	23.30	30	PASS
				RB8#0	20.62	22.01	30	PASS
				RB8#4	20.79	22.11	30	PASS
				RB8#7	20.73	22.15	30	PASS
				RB15#0	20.59	22.16	30	PASS
			MCH	RB1#0	21.87	23.36	30	PASS
				RB1#7	22.43	23.79	30	PASS
				RB1#14	22.15	23.62	30	PASS
				RB8#0	21.1	22.47	30	PASS
				RB8#4	21.3	22.78	30	PASS
				RB8#7	21.3	22.72	30	PASS
				RB15#0	21.14	22.56	30	PASS
			HCH	RB1#0	21.73	23.20	30	PASS
				RB1#7	22.24	23.61	30	PASS
				RB1#14	21.88	23.47	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.77	22.19	30	PASS
				RB8#4	21.05	22.42	30	PASS
				RB8#7	20.99	22.59	30	PASS
				RB15#0	20.9	22.26	30	PASS
		5	LCH	RB1#0	21.43	22.96	30	PASS
				RB1#13	22.11	23.50	30	PASS
				RB1#24	21.44	22.93	30	PASS
				RB12#0	20.62	22.01	30	PASS
				RB12#6	20.84	22.41	30	PASS
				RB12#13	20.58	22.13	30	PASS
				RB25#0	20.69	22.24	30	PASS
			MCH	RB1#0	21.89	23.23	30	PASS
				RB1#13	22.68	24.16	30	PASS
				RB1#24	22.04	23.39	30	PASS
				RB12#0	21.08	22.48	30	PASS
				RB12#6	21.36	22.92	30	PASS
				RB12#13	21.18	22.64	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.16	22.51	30	PASS
			HCH	RB1#0	21.91	23.35	30	PASS
				RB1#13	22.45	23.83	30	PASS
				RB1#24	21.73	23.07	30	PASS
				RB12#0	20.92	22.28	30	PASS
				RB12#6	21.07	22.49	30	PASS
				RB12#13	20.86	22.26	30	PASS
				RB25#0	20.98	22.47	30	PASS
		10	LCH	RB1#0	21.5	23.07	30	PASS
				RB1#25	22.36	23.88	30	PASS
				RB1#49	21	22.50	30	PASS
				RB25#0	20.47	22.06	30	PASS
				RB25#13	20.77	22.08	30	PASS
				RB25#25	20.43	21.74	30	PASS
				RB50#0	20.33	21.64	30	PASS
			MCH	RB1#0	21.79	23.35	30	PASS
				RB1#25	22.77	24.17	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.39	22.78	30	PASS
				RB25#0	20.83	22.28	30	PASS
				RB25#13	21.14	22.66	30	PASS
				RB25#25	20.96	22.47	30	PASS
				RB50#0	20.85	22.16	30	PASS
			HCH	RB1#0	21.92	23.45	30	PASS
				RB1#25	22.64	24.23	30	PASS
				RB1#49	21.06	22.43	30	PASS
				RB25#0	20.92	22.28	30	PASS
				RB25#13	21.03	22.34	30	PASS
				RB25#25	20.74	22.24	30	PASS
				RB50#0	20.86	22.39	30	PASS
		15	LCH	RB1#0	21.93	23.23	30	PASS
				RB1#38	22.36	23.76	30	PASS
				RB1#74	21.74	23.07	30	PASS
				RB38#0	20.61	21.94	30	PASS
				RB38#19	20.89	22.30	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB38#39	20.7	22.05	30	PASS
				RB75#0	20.7	22.07	30	PASS
			MCH	RB1#0	22.31	23.65	30	PASS
				RB1#38	22.81	24.30	30	PASS
				RB1#74	21.89	23.41	30	PASS
				RB38#0	20.95	22.27	30	PASS
				RB38#19	21.19	22.59	30	PASS
				RB38#39	20.98	22.57	30	PASS
				RB75#0	21.02	22.34	30	PASS
			HCH	RB1#0	22.34	23.92	30	PASS
				RB1#38	22.49	24.04	30	PASS
				RB1#74	21.54	22.85	30	PASS
				RB38#0	21.05	22.41	30	PASS
				RB38#19	21.21	22.69	30	PASS
				RB38#39	20.91	22.41	30	PASS
				RB75#0	21.01	22.40	30	PASS
		20	LCH	RB1#0	22.03	23.42	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	22.3	23.62	30	PASS
				RB1#99	21.98	23.38	30	PASS
				RB50#0	20.88	22.19	30	PASS
				RB50#25	20.97	22.57	30	PASS
				RB50#50	21.04	22.37	30	PASS
				RB100#0	20.86	22.37	30	PASS
			MCH	RB1#0	22.31	23.90	30	PASS
				RB1#50	22.6	24.09	30	PASS
				RB1#99	22.06	23.44	30	PASS
				RB50#0	21.14	22.47	30	PASS
				RB50#25	21.24	22.58	30	PASS
				RB50#50	21.25	22.59	30	PASS
				RB100#0	21.21	22.74	30	PASS
			HCH	RB1#0	22.52	23.88	30	PASS
				RB1#50	22.55	23.93	30	PASS
				RB1#99	21.75	23.15	30	PASS
				RB50#0	21.24	22.79	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.19	22.68	30	PASS
				RB50#50	21.25	22.80	30	PASS
				RB100#0	21.21	22.73	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	3.94	13	PASS
				RB1#3	3.7	13	PASS
				RB1#5	3.69	13	PASS
				RB3#0	4.38	13	PASS
				RB3#2	4.13	13	PASS
				RB3#3	4.38	13	PASS
				RB6#0	5.11	13	PASS
			MCH	RB1#0	3.94	13	PASS
				RB1#3	3.77	13	PASS
				RB1#5	3.82	13	PASS
				RB3#0	4.38	13	PASS
				RB3#2	4.01	13	PASS
				RB3#3	4.16	13	PASS
				RB6#0	5.22	13	PASS
			HCH	RB1#0	3.87	13	PASS
				RB1#3	3.76	13	PASS
				RB1#5	3.73	13	PASS
				RB3#0	4.25	13	PASS
				RB3#2	4.1	13	PASS
				RB3#3	4.09	13	PASS
				RB6#0	5.25	13	PASS
		3	LCH	RB1#0	4.32	13	PASS
				RB1#7	3.77	13	PASS
				RB1#14	4.02	13	PASS
				RB8#0	5.31	13	PASS
				RB8#4	5.11	13	PASS
				RB8#7	5.18	13	PASS
				RB15#0	5.45	13	PASS
			MCH	RB1#0	4.1	13	PASS
				RB1#7	3.71	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	3.85	13	PASS
				RB8#0	5.17	13	PASS
				RB8#4	4.92	13	PASS
				RB8#7	5.03	13	PASS
				RB15#0	5.37	13	PASS
			HCH	RB1#0	3.96	13	PASS
				RB1#7	3.53	13	PASS
				RB1#14	3.81	13	PASS
				RB8#0	5.08	13	PASS
				RB8#4	4.8	13	PASS
				RB8#7	4.85	13	PASS
				RB15#0	5.18	13	PASS
		5	LCH	RB1#0	4.36	13	PASS
				RB1#13	3.74	13	PASS
				RB1#24	4.37	13	PASS
				RB12#0	5.29	13	PASS
				RB12#6	5	13	PASS
				RB12#13	5.33	13	PASS
				RB25#0	5.69	13	PASS
			MCH	RB1#0	4.28	13	PASS
				RB1#13	3.6	13	PASS
				RB1#24	4.13	13	PASS
				RB12#0	5.21	13	PASS
				RB12#6	4.82	13	PASS
				RB12#13	5.16	13	PASS
				RB25#0	5.5	13	PASS
			HCH	RB1#0	4.04	13	PASS
				RB1#13	3.55	13	PASS
				RB1#24	4.12	13	PASS
				RB12#0	5.07	13	PASS
				RB12#6	4.69	13	PASS
				RB12#13	5.05	13	PASS
				RB25#0	5.42	13	PASS
		10	LCH	RB1#0	4.41	13	PASS
				RB1#25	3.89	13	PASS
				RB1#49	4.84	13	PASS
				RB25#0	5.58	13	PASS
				RB25#13	5.19	13	PASS
				RB25#25	5.63	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.86	13	PASS
				RB1#0	4.52	13	PASS
			MCH	RB1#25	3.76	13	PASS
				RB1#49	4.75	13	PASS
				RB25#0	5.5	13	PASS
				RB25#13	5.17	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	5.89	13	PASS
			HCH	RB1#0	4.2	13	PASS
				RB1#25	3.57	13	PASS
				RB1#49	4.55	13	PASS
				RB25#0	5.33	13	PASS
				RB25#13	4.96	13	PASS
				RB25#25	5.37	13	PASS
				RB50#0	5.7	13	PASS
		15	LCH	RB1#0	3.93	13	PASS
				RB1#38	3.68	13	PASS
				RB1#74	4.22	13	PASS
				RB38#0	5.4	13	PASS
				RB38#19	5.03	13	PASS
				RB38#39	5.41	13	PASS
				RB75#0	5.78	13	PASS
			MCH	RB1#0	3.93	13	PASS
				RB1#38	3.56	13	PASS
				RB1#74	4.19	13	PASS
				RB38#0	5.35	13	PASS
				RB38#19	4.95	13	PASS
				RB38#39	5.3	13	PASS
				RB75#0	5.82	13	PASS
			HCH	RB1#0	3.82	13	PASS
				RB1#38	3.49	13	PASS
				RB1#74	4.17	13	PASS
				RB38#0	5.18	13	PASS
				RB38#19	4.66	13	PASS
				RB38#39	5.1	13	PASS
				RB75#0	5.59	13	PASS
		20	LCH	RB1#0	3.8	13	PASS
				RB1#50	3.71	13	PASS
				RB1#99	4.14	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.32	13	PASS
				RB50#25	5.02	13	PASS
				RB50#50	5.26	13	PASS
				RB100#0	5.65	13	PASS
			MCH	RB1#0	3.71	13	PASS
				RB1#50	3.61	13	PASS
				RB1#99	3.75	13	PASS
				RB50#0	5.29	13	PASS
				RB50#25	4.96	13	PASS
				RB50#50	5.18	13	PASS
				RB100#0	5.55	13	PASS
			HCH	RB1#0	3.59	13	PASS
				RB1#50	3.27	13	PASS
				RB1#99	3.75	13	PASS
				RB50#0	4.91	13	PASS
				RB50#25	4.57	13	PASS
				RB50#50	4.96	13	PASS
				RB100#0	5.5	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.61	13	PASS
				RB1#3	4.56	13	PASS
				RB1#5	4.51	13	PASS
				RB3#0	5.35	13	PASS
				RB3#2	5.11	13	PASS
				RB3#3	5.4	13	PASS
				RB6#0	6.34	13	PASS
			MCH	RB1#0	4.55	13	PASS
				RB1#3	4.42	13	PASS
				RB1#5	4.39	13	PASS
				RB3#0	4.99	13	PASS
				RB3#2	4.86	13	PASS
				RB3#3	4.92	13	PASS
				RB6#0	6.21	13	PASS
			HCH	RB1#0	4.32	13	PASS
				RB1#3	4.22	13	PASS
				RB1#5	4.3	13	PASS
				RB3#0	5.16	13	PASS
				RB3#2	4.86	13	PASS
				RB3#3	5.07	13	PASS
				RB6#0	6.03	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.7	13	PASS
				RB1#7	4.36	13	PASS
				RB1#14	4.57	13	PASS
				RB8#0	5.97	13	PASS
				RB8#4	5.86	13	PASS
				RB8#7	5.98	13	PASS
				RB15#0	6.35	13	PASS
			MCH	RB1#0	5.13	13	PASS
				RB1#7	4.24	13	PASS
				RB1#14	4.55	13	PASS
				RB8#0	5.85	13	PASS
				RB8#4	5.7	13	PASS
				RB8#7	5.7	13	PASS
				RB15#0	6.27	13	PASS
			HCH	RB1#0	4.72	13	PASS
				RB1#7	4.24	13	PASS
				RB1#14	4.25	13	PASS
				RB8#0	5.84	13	PASS
				RB8#4	5.64	13	PASS
				RB8#7	5.75	13	PASS
				RB15#0	6.1	13	PASS
		5	LCH	RB1#0	5.42	13	PASS
				RB1#13	4.58	13	PASS
				RB1#24	5.15	13	PASS
				RB12#0	6.27	13	PASS
				RB12#6	5.99	13	PASS
				RB12#13	6.3	13	PASS
				RB25#0	6.34	13	PASS
			MCH	RB1#0	5.17	13	PASS
				RB1#13	4.43	13	PASS
				RB1#24	4.97	13	PASS
				RB12#0	6.13	13	PASS
				RB12#6	5.76	13	PASS
				RB12#13	5.99	13	PASS
				RB25#0	6.15	13	PASS
			HCH	RB1#0	4.93	13	PASS
				RB1#13	4.25	13	PASS
				RB1#24	4.86	13	PASS
				RB12#0	5.83	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	5.44	13	PASS
				RB12#13	5.8	13	PASS
				RB25#0	6.02	13	PASS
			LCH	RB1#0	4.94	13	PASS
				RB1#25	4.28	13	PASS
				RB1#49	5.39	13	PASS
				RB25#0	6.57	13	PASS
				RB25#13	6.17	13	PASS
				RB25#25	6.61	13	PASS
				RB50#0	6.81	13	PASS
			MCH	RB1#0	5.04	13	PASS
				RB1#25	4.11	13	PASS
				RB1#49	5.04	13	PASS
				RB25#0	6.49	13	PASS
				RB25#13	6.08	13	PASS
				RB25#25	6.53	13	PASS
				RB50#0	6.76	13	PASS
			HCH	RB1#0	4.68	13	PASS
				RB1#25	4	13	PASS
				RB1#49	5.26	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	5.66	13	PASS
				RB25#25	6.15	13	PASS
				RB50#0	6.37	13	PASS
		15	LCH	RB1#0	4.87	13	PASS
				RB1#38	4.31	13	PASS
				RB1#74	5.05	13	PASS
				RB38#0	6.37	13	PASS
				RB38#19	6.18	13	PASS
				RB38#39	6.54	13	PASS
				RB75#0	6.8	13	PASS
			MCH	RB1#0	4.75	13	PASS
				RB1#38	4.16	13	PASS
				RB1#74	4.68	13	PASS
				RB38#0	6.28	13	PASS
				RB38#19	5.89	13	PASS
				RB38#39	6.24	13	PASS
				RB75#0	6.62	13	PASS
			HCH	RB1#0	4.39	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	3.96	13	PASS
				RB1#74	4.61	13	PASS
				RB38#0	6.1	13	PASS
				RB38#19	5.61	13	PASS
				RB38#39	6.03	13	PASS
				RB75#0	6.33	13	PASS
		20	LCH	RB1#0	4.65	13	PASS
				RB1#50	4.58	13	PASS
				RB1#99	4.76	13	PASS
				RB50#0	6.18	13	PASS
				RB50#25	6.13	13	PASS
				RB50#50	6.13	13	PASS
				RB100#0	6.54	13	PASS
			MCH	RB1#0	4.52	13	PASS
				RB1#50	4.27	13	PASS
				RB1#99	4.53	13	PASS
				RB50#0	6.14	13	PASS
				RB50#25	5.85	13	PASS
				RB50#50	6.03	13	PASS
				RB100#0	6.44	13	PASS
			HCH	RB1#0	4.33	13	PASS
				RB1#50	3.91	13	PASS
				RB1#99	4.54	13	PASS
				RB50#0	5.92	13	PASS
				RB50#25	5.7	13	PASS
				RB50#50	5.79	13	PASS
				RB100#0	6.33	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

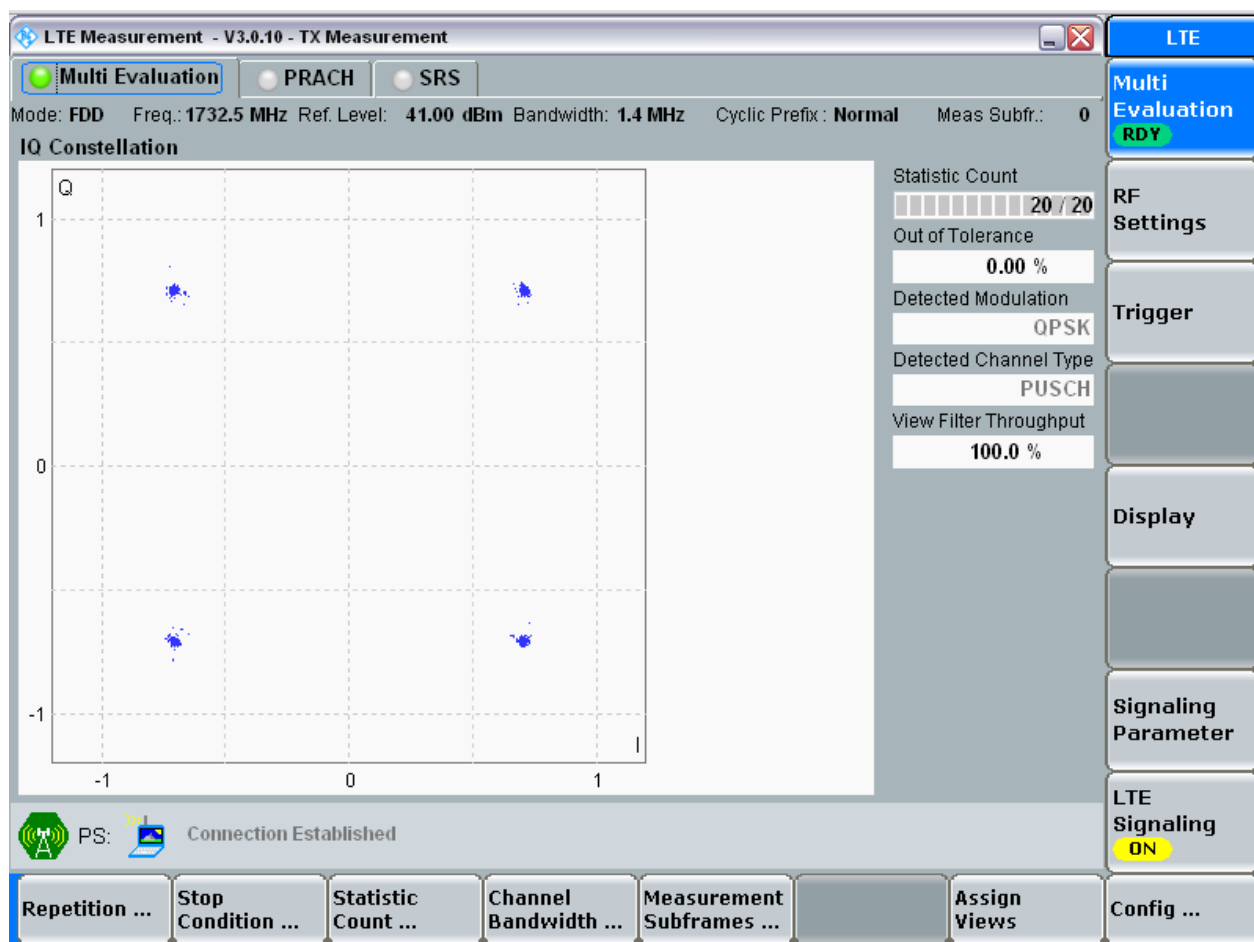
3.1.1 Test Band = BAND4

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

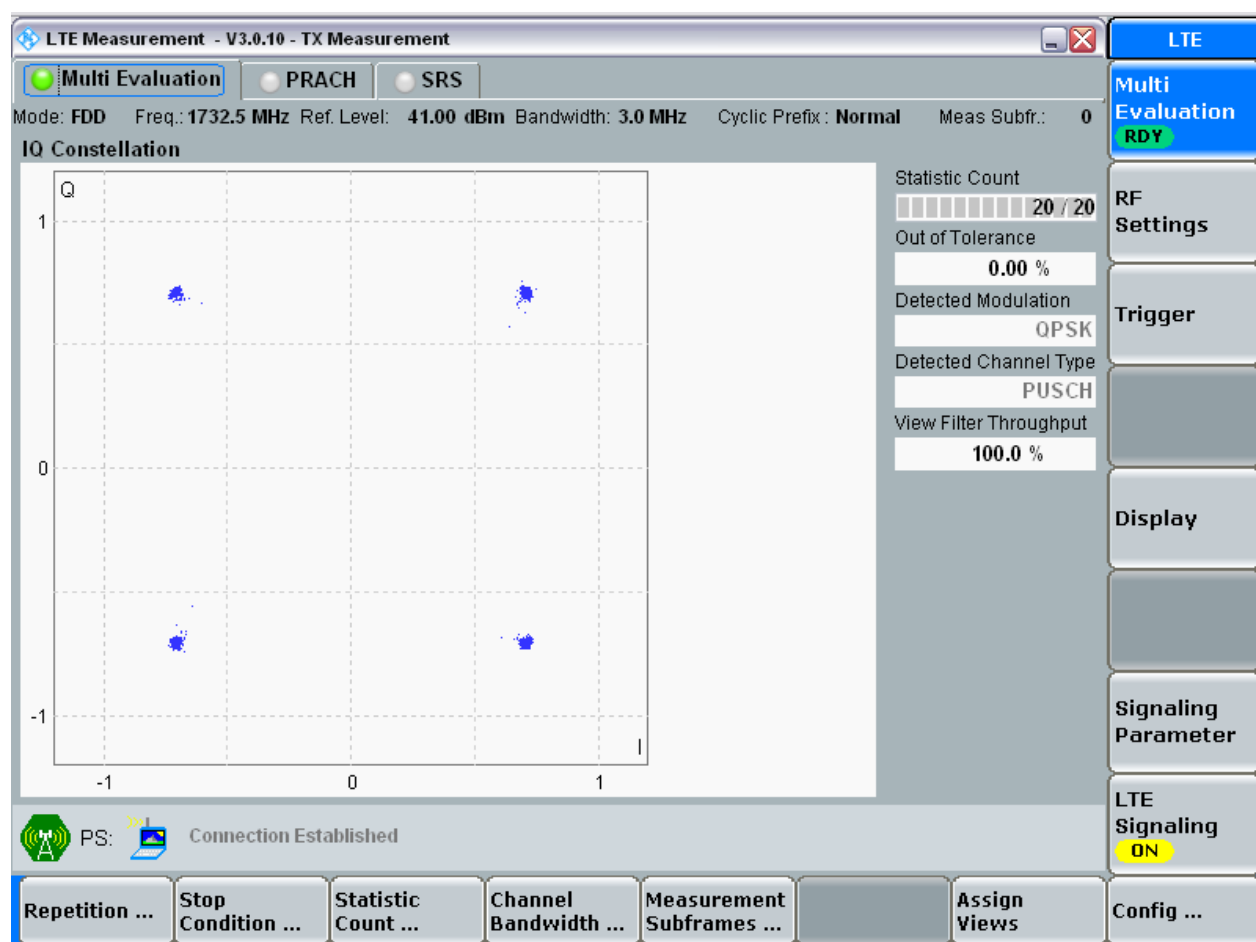
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

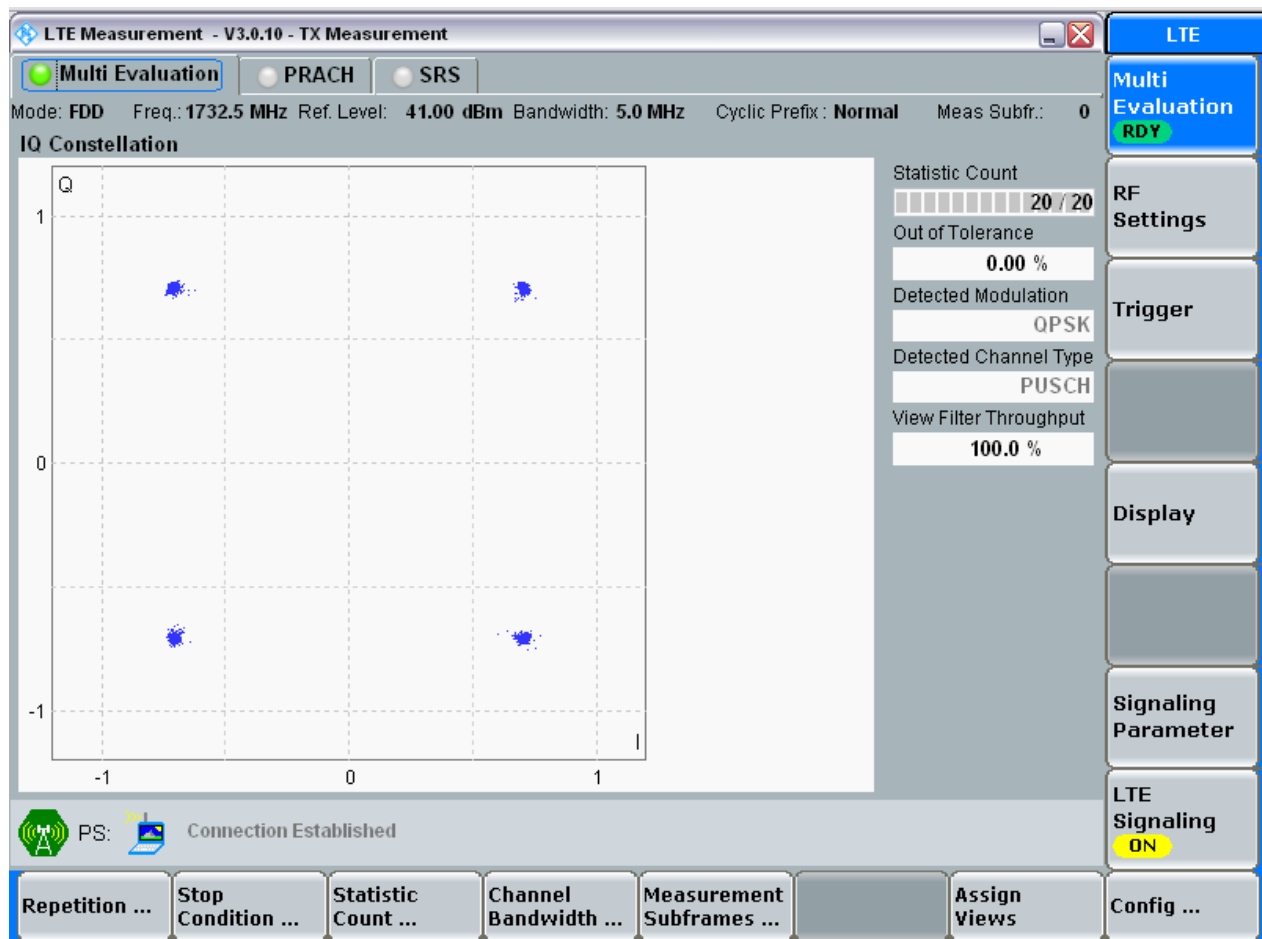
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

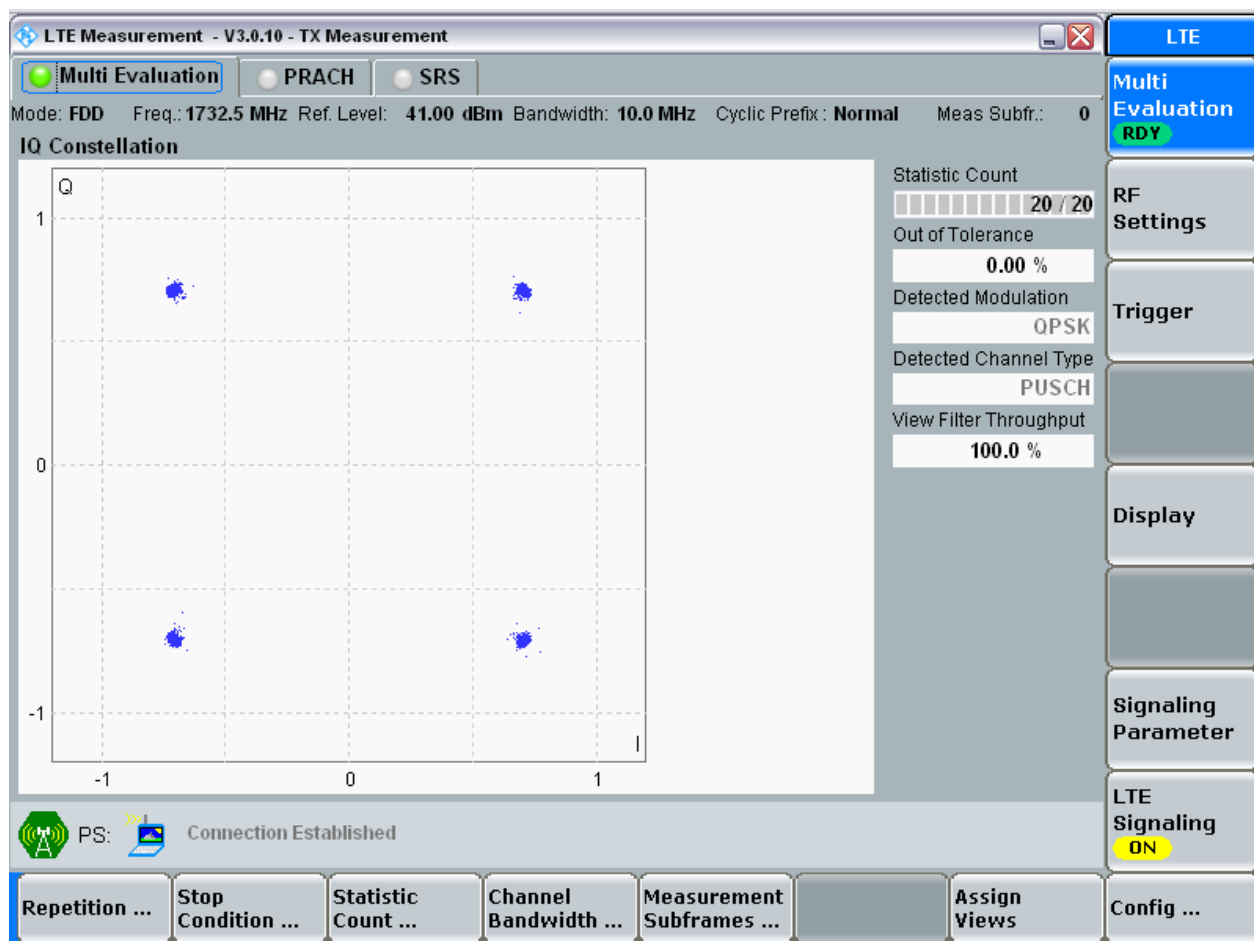
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

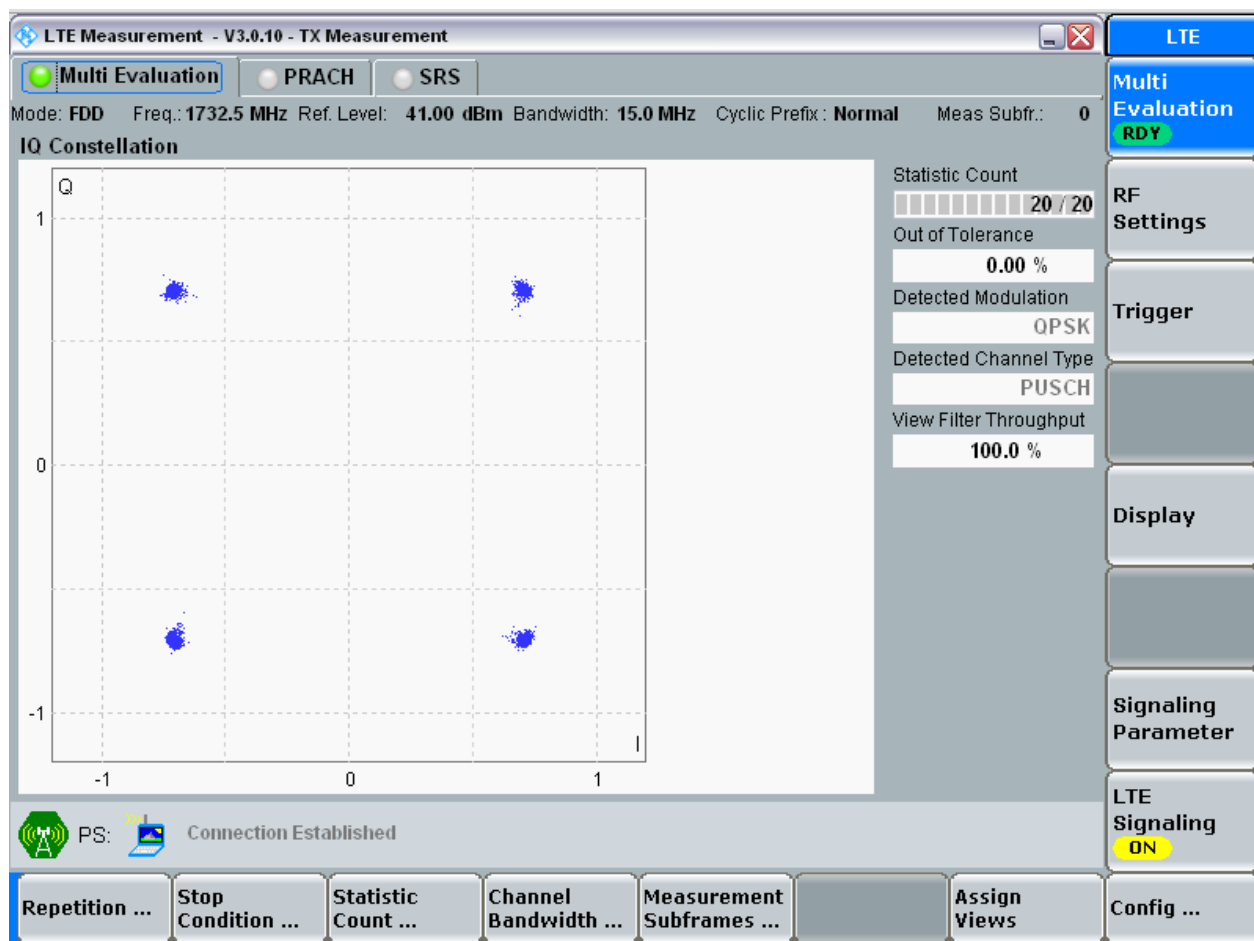
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

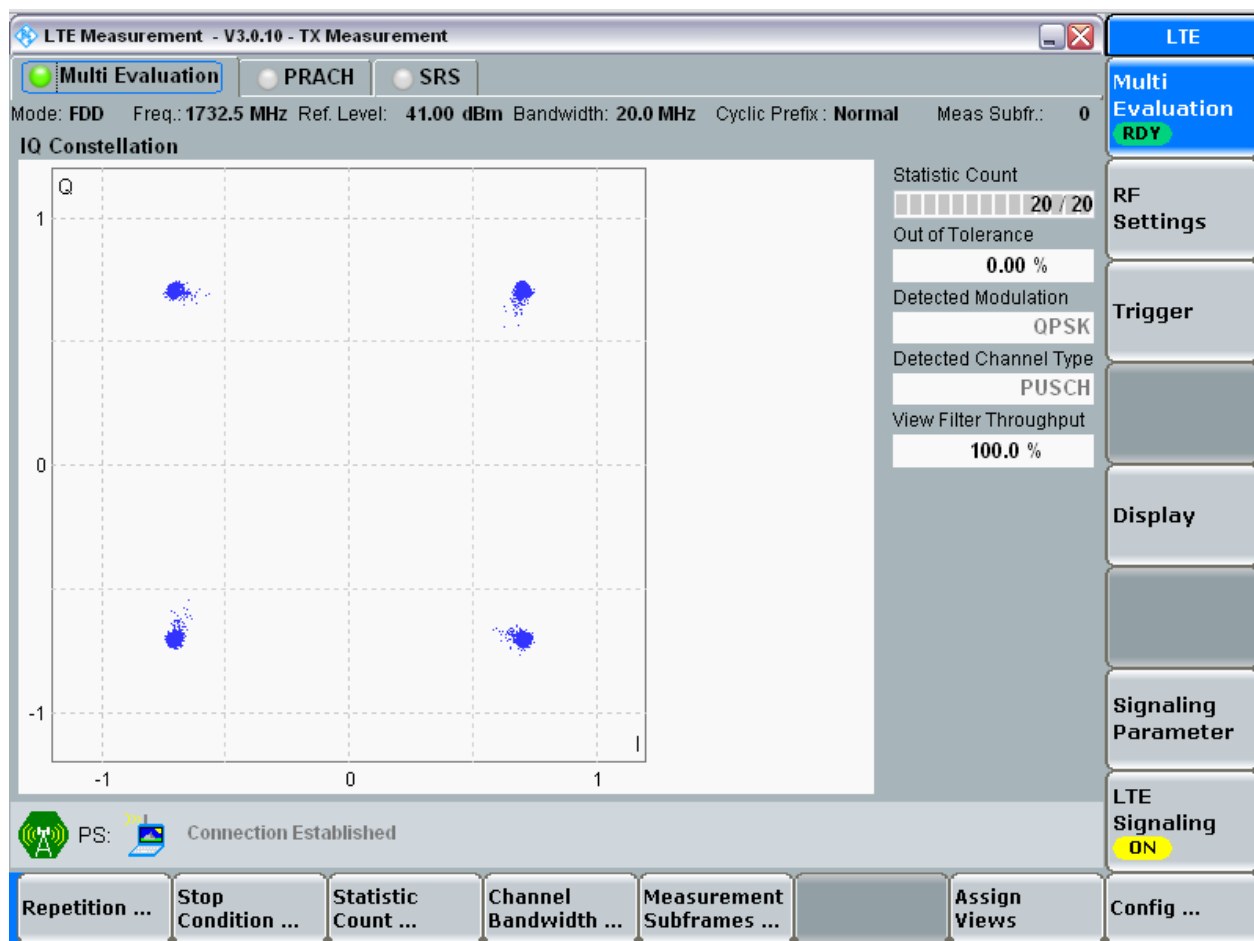
3.1.1.1.5.1.1 Test RB = RB75#0



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

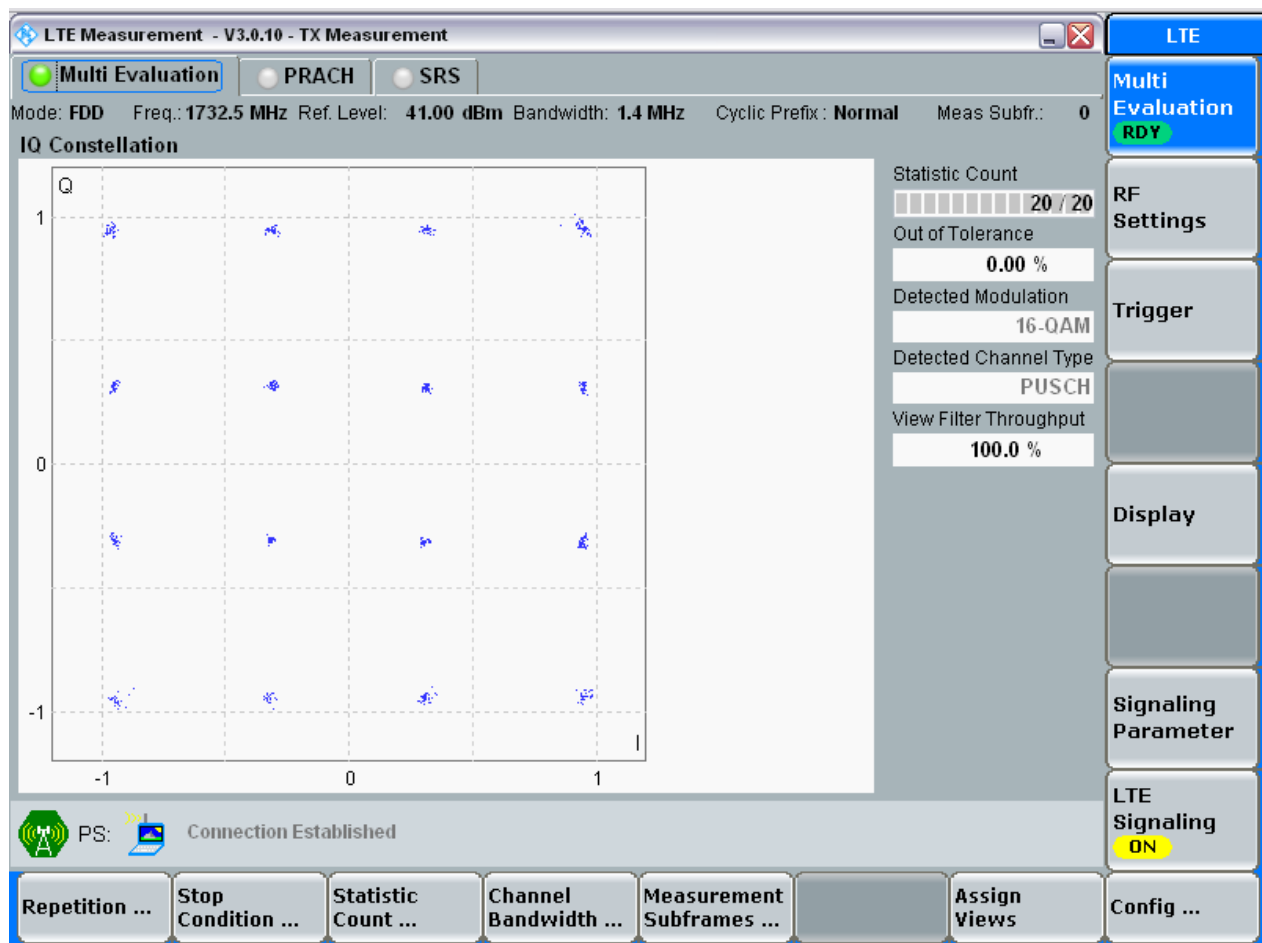


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

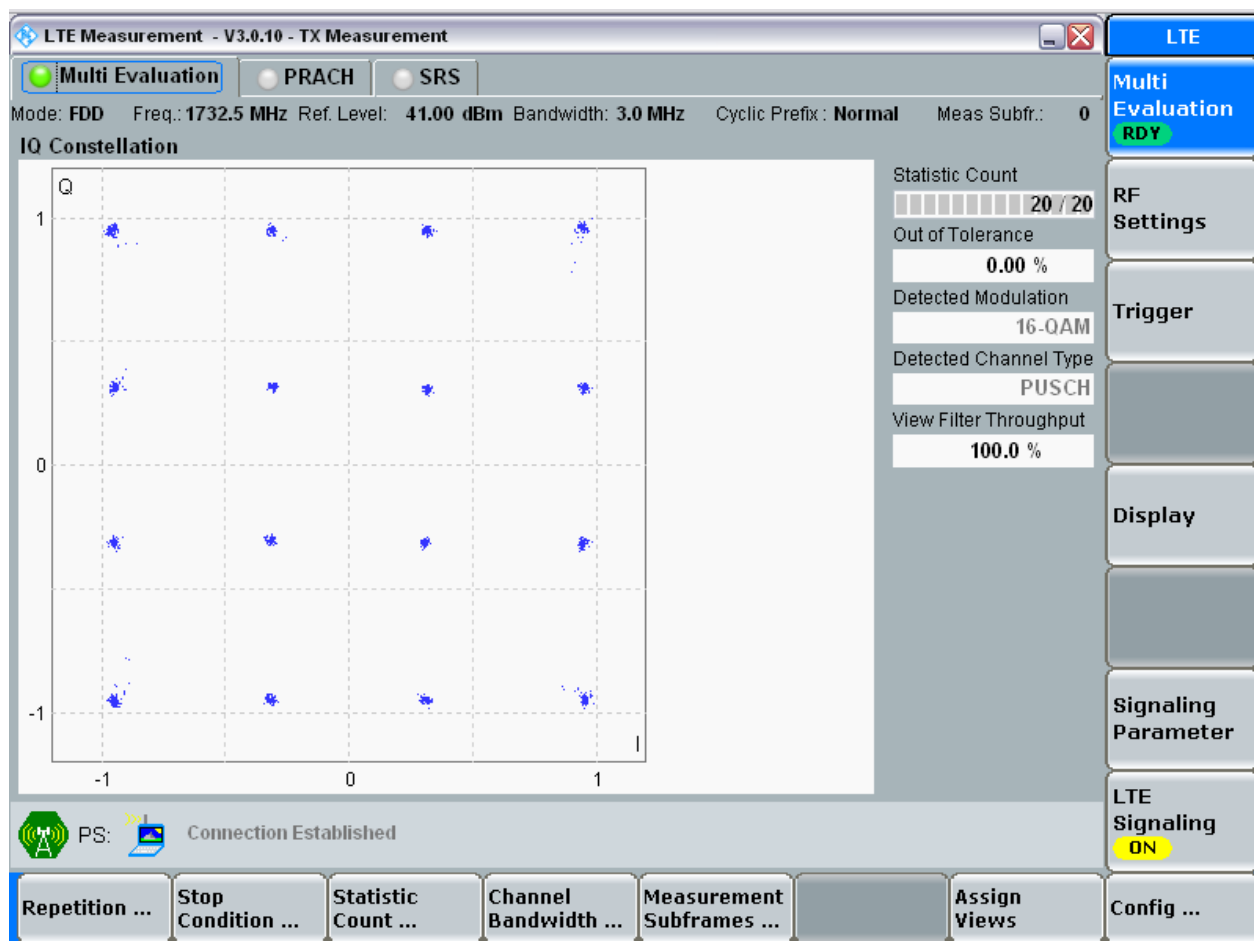
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

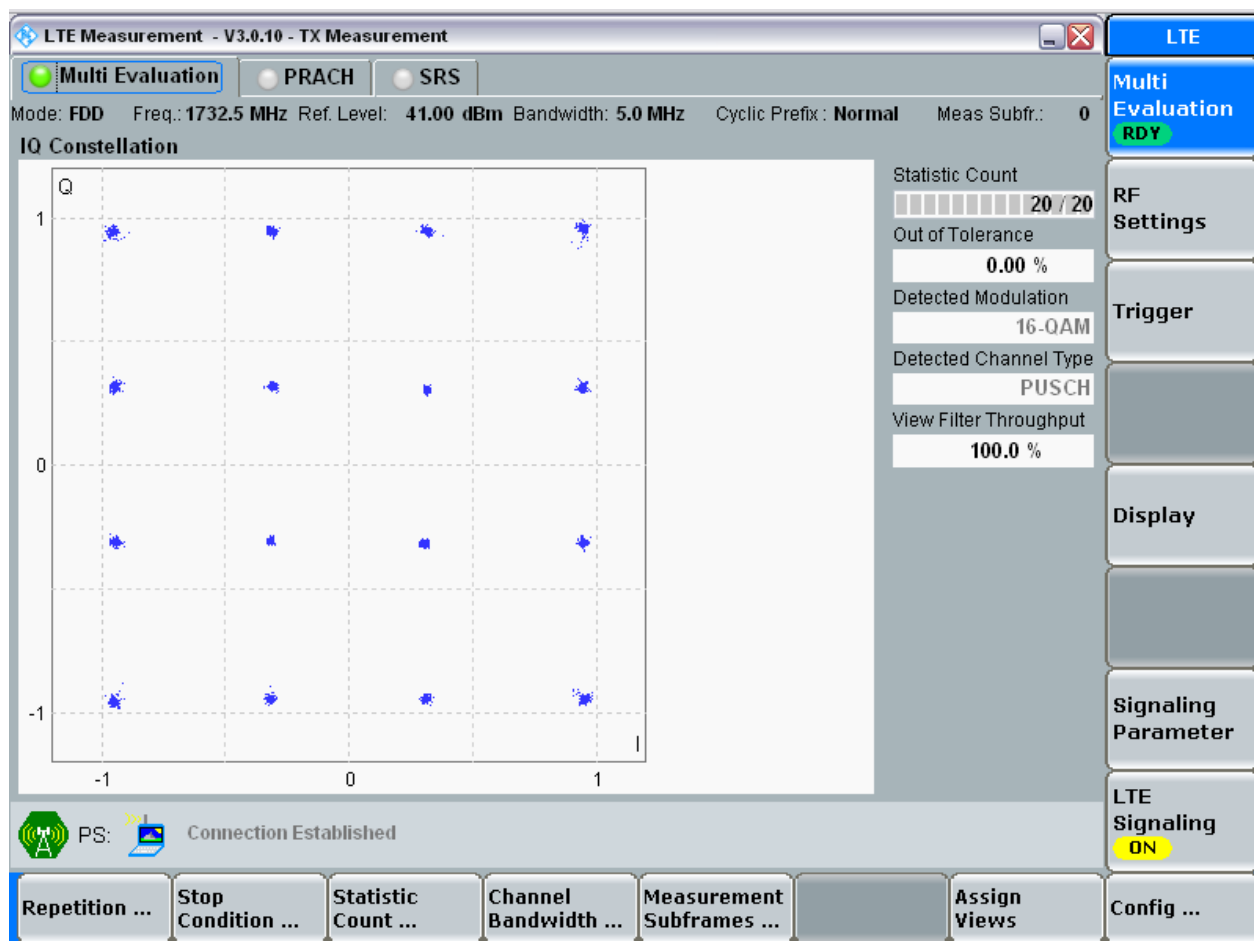
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

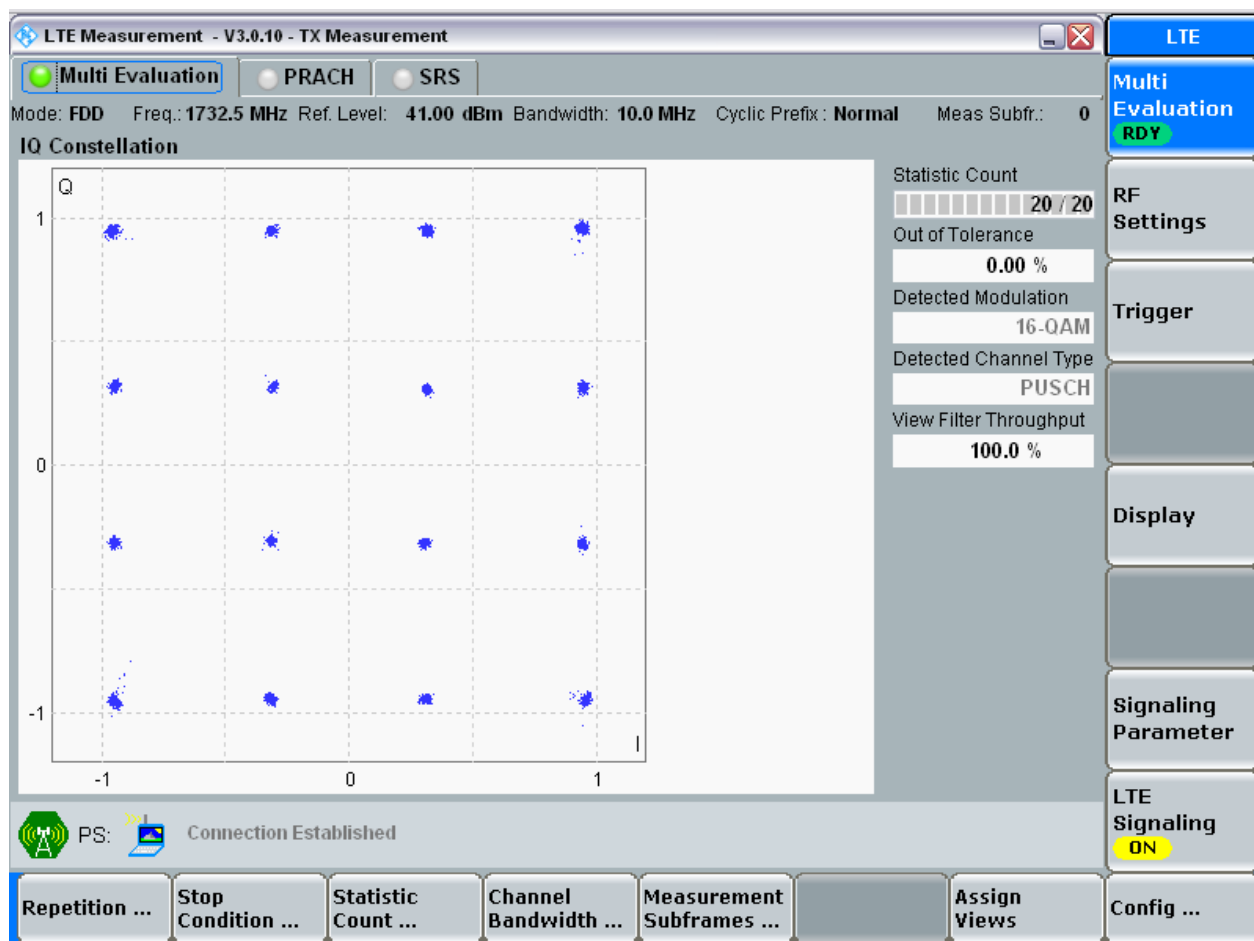
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

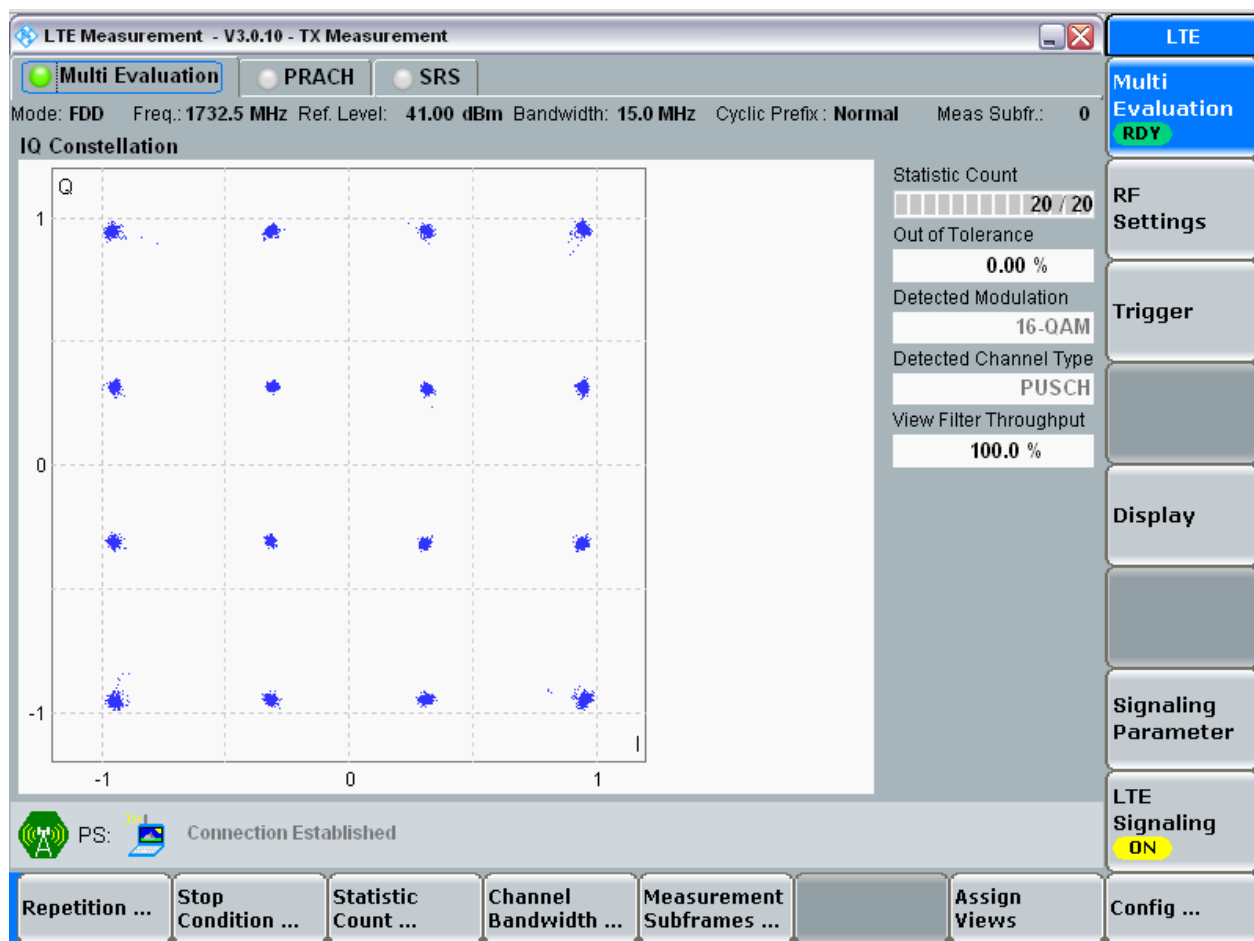
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

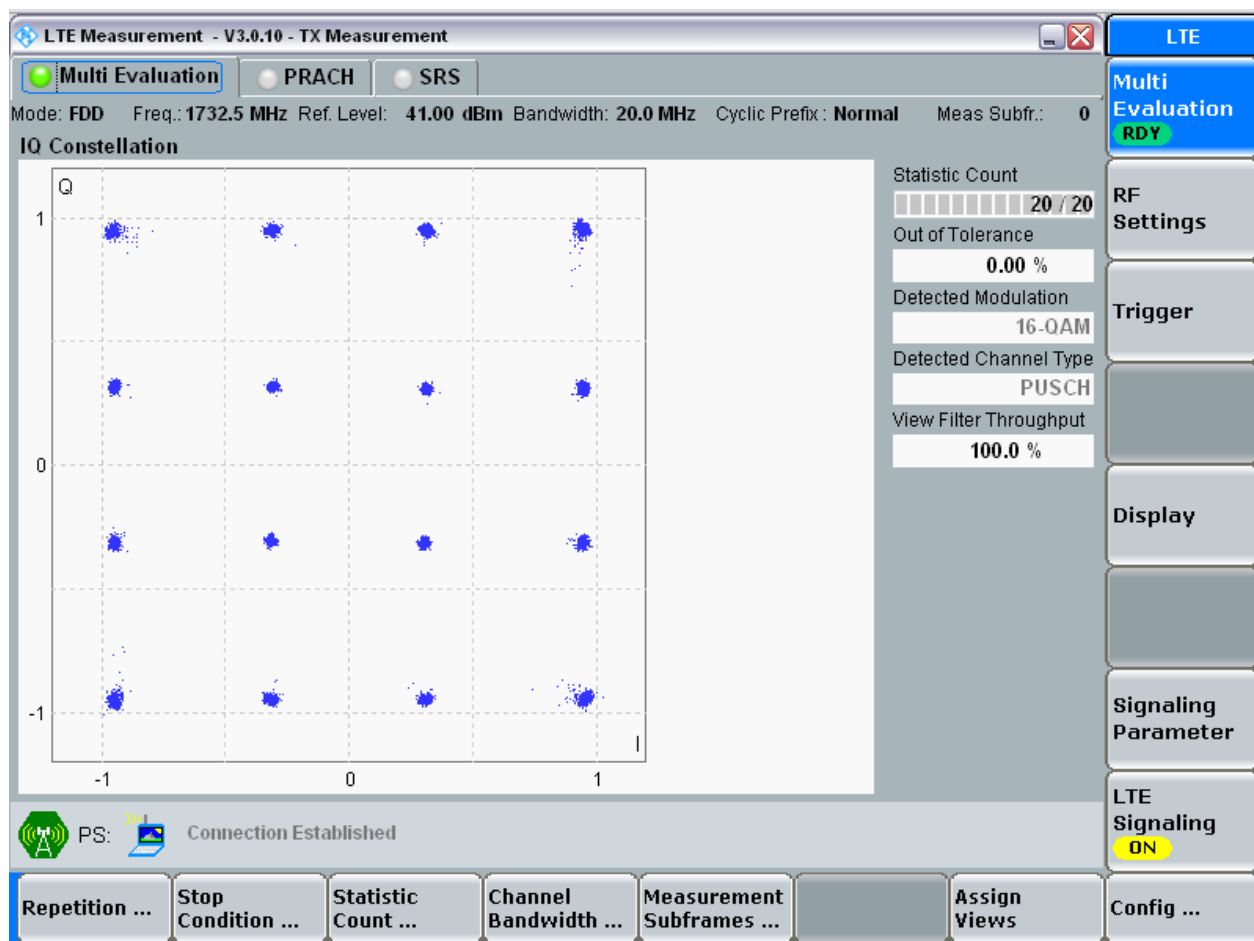
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.71	2.92	Pass
		5	LCH	RB25#0	4.49	4.84	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	9.00	9.61	Pass
			MCH	RB50#0	9.00	9.62	Pass
			HCH	RB50#0	8.99	9.65	Pass
		15	LCH	RB75#0	13.51	14.31	Pass
			MCH	RB75#0	13.50	14.53	Pass
			HCH	RB75#0	13.49	14.44	Pass
		20	LCH	RB100#0	17.97	19.04	Pass
			MCH	RB100#0	17.99	19.08	Pass
			HCH	RB100#0	17.97	19.07	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.85	Pass
		10	LCH	RB50#0	8.99	9.68	Pass
			MCH	RB50#0	9.00	9.61	Pass
			HCH	RB50#0	9.01	9.61	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.49	14.42	Pass
			MCH	RB75#0	13.50	14.42	Pass
			HCH	RB75#0	13.48	14.42	Pass
		20	LCH	RB100#0	17.97	19.07	Pass
			MCH	RB100#0	17.98	19.12	Pass
			HCH	RB100#0	17.97	19.08	Pass



Part II - Test Plots

4.1 For LTE

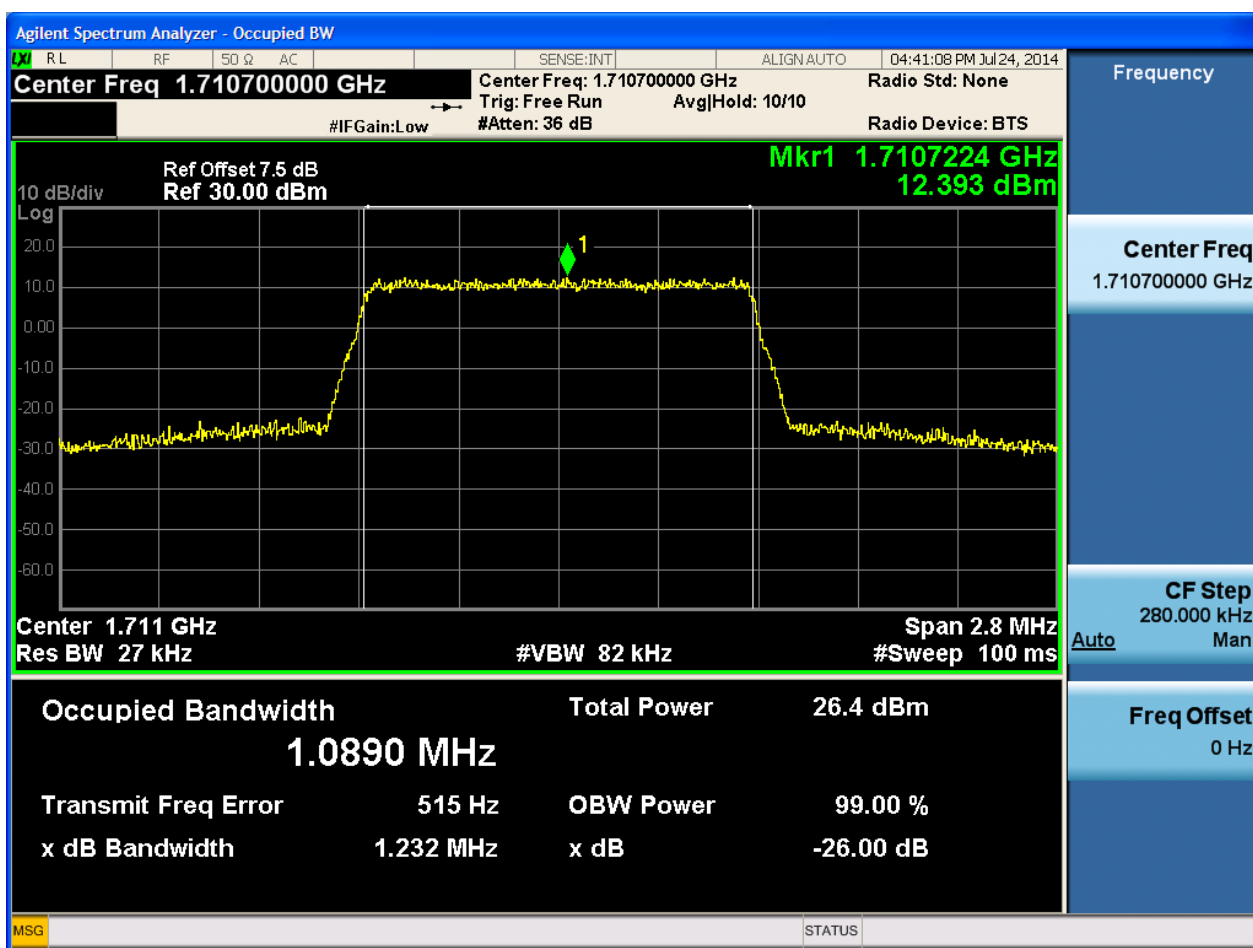
4.1.1 Test Band = BAND4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

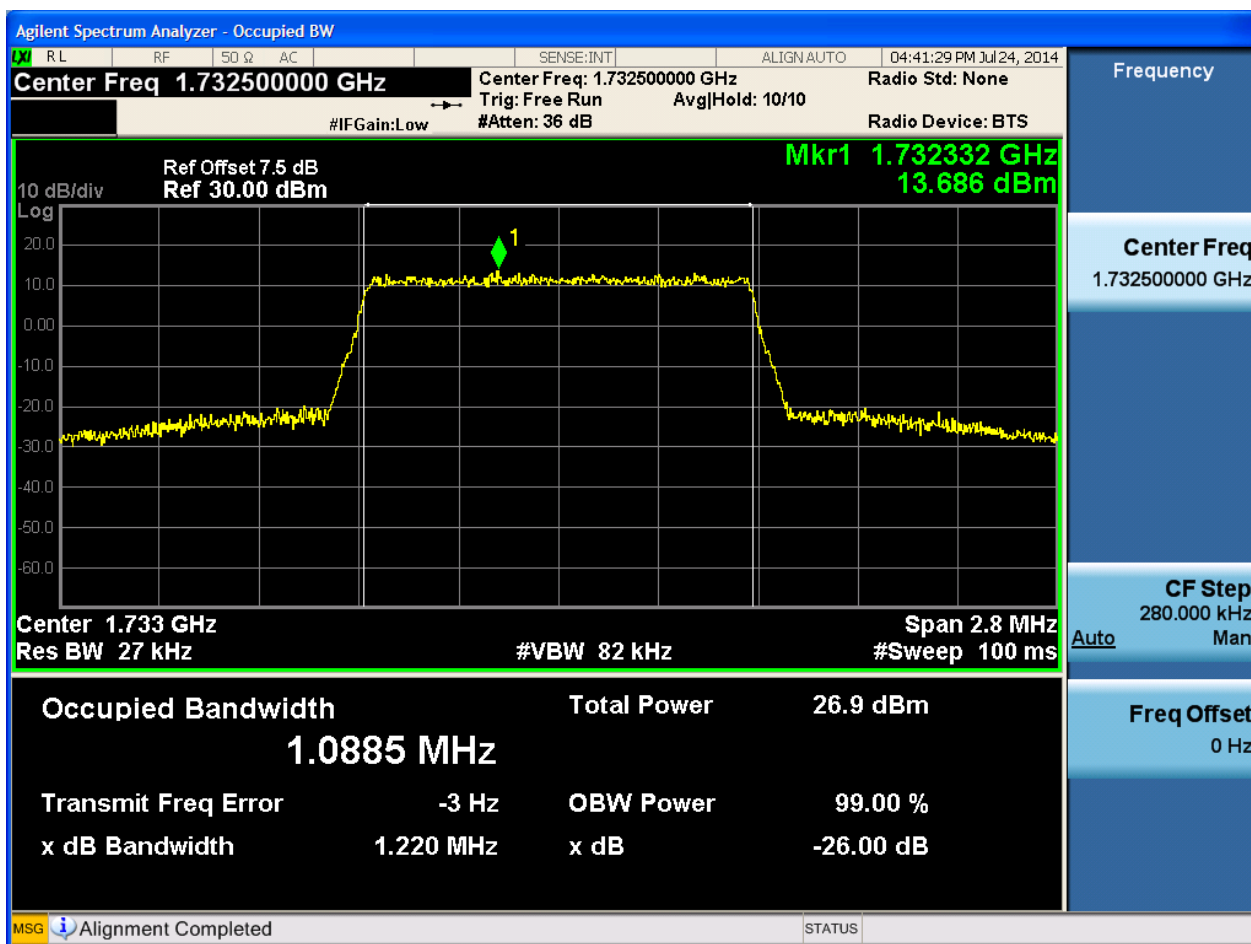
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

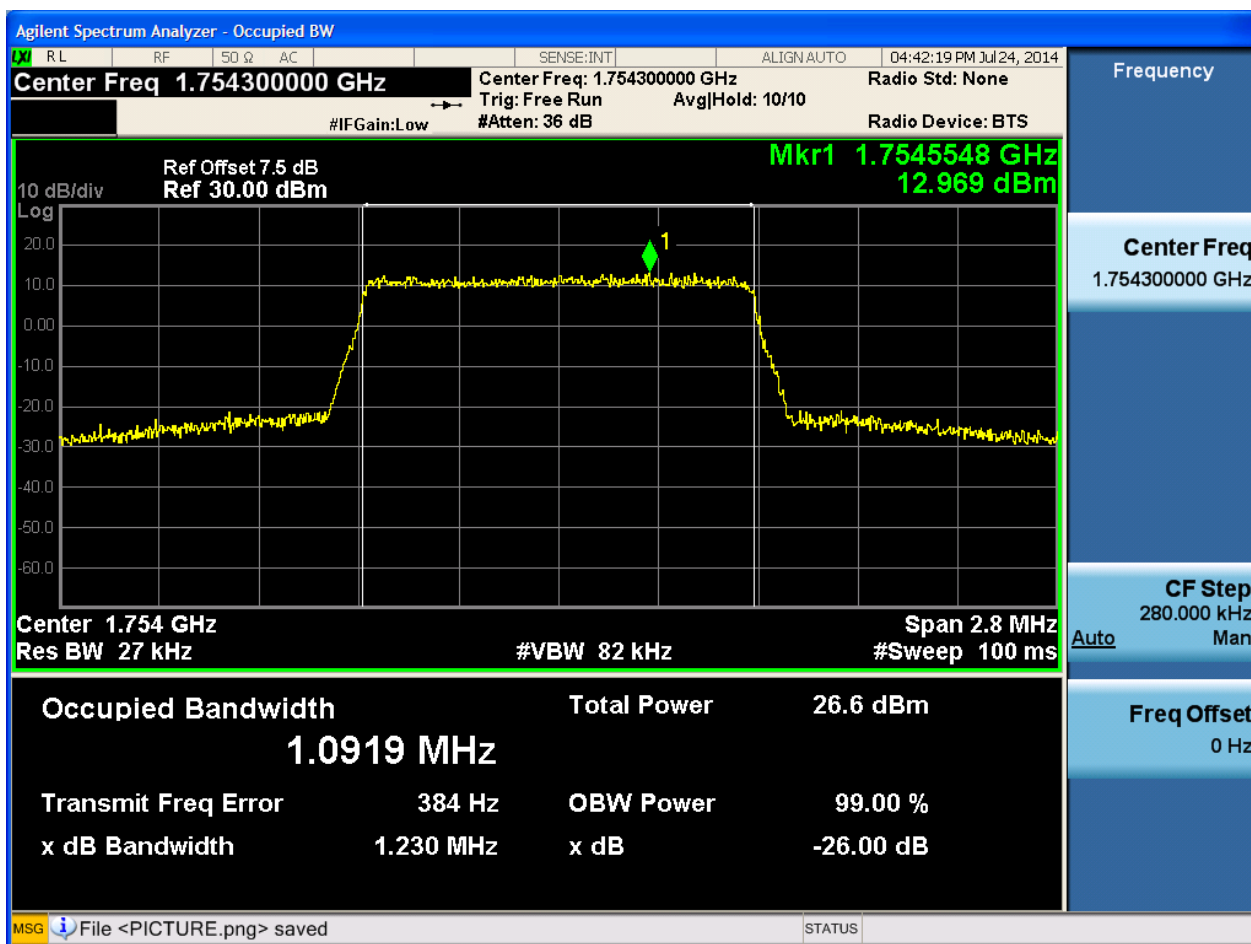
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

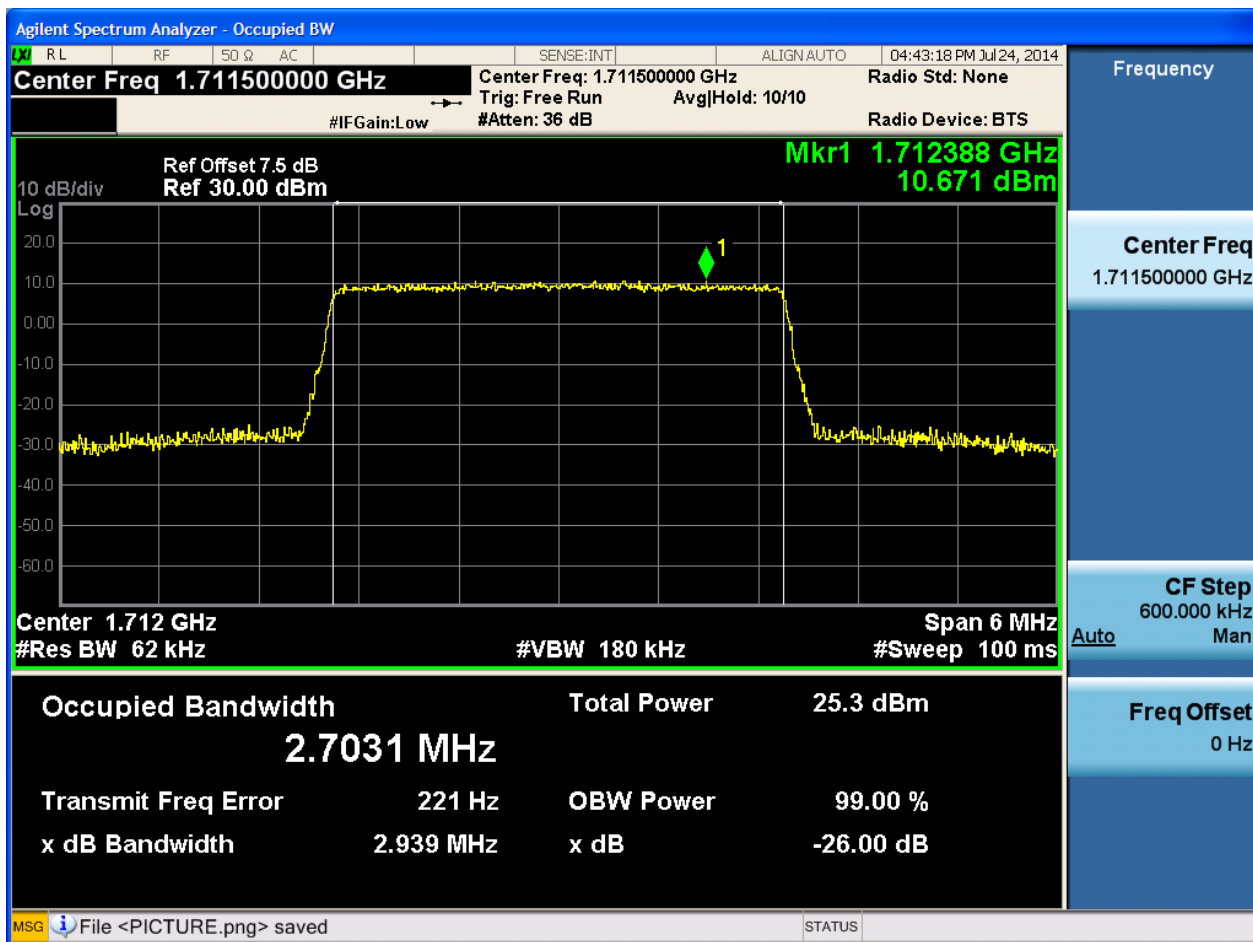




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

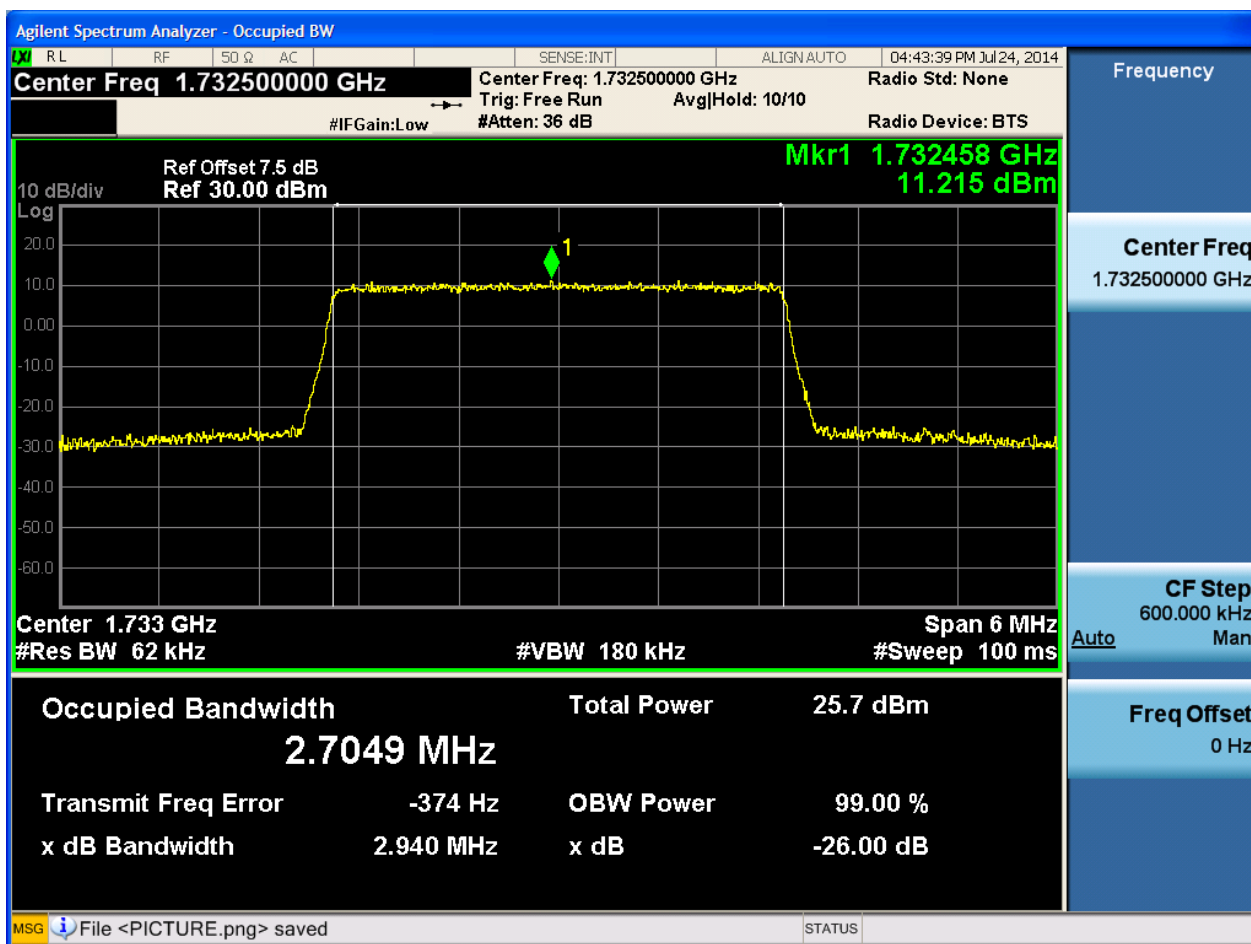
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

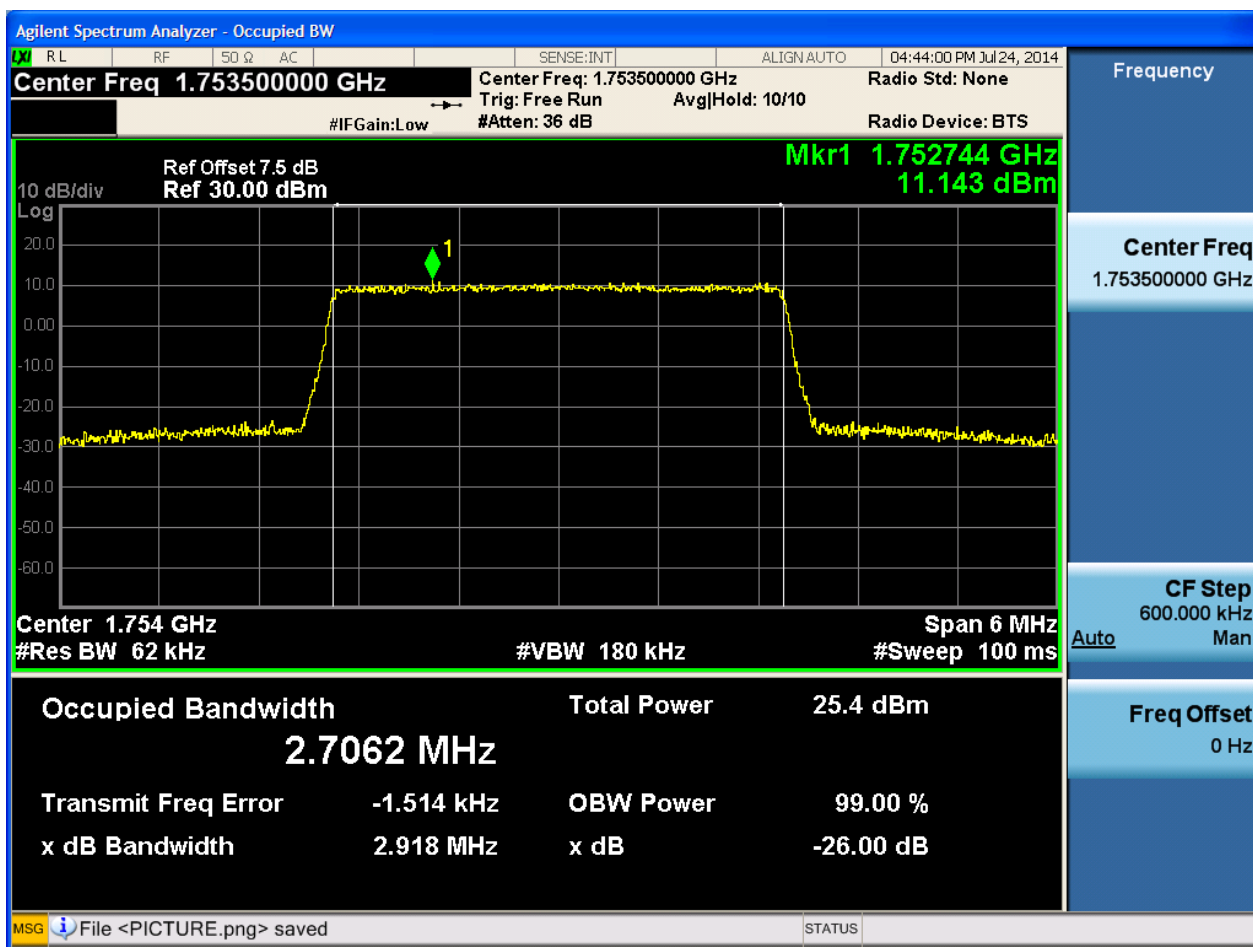
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

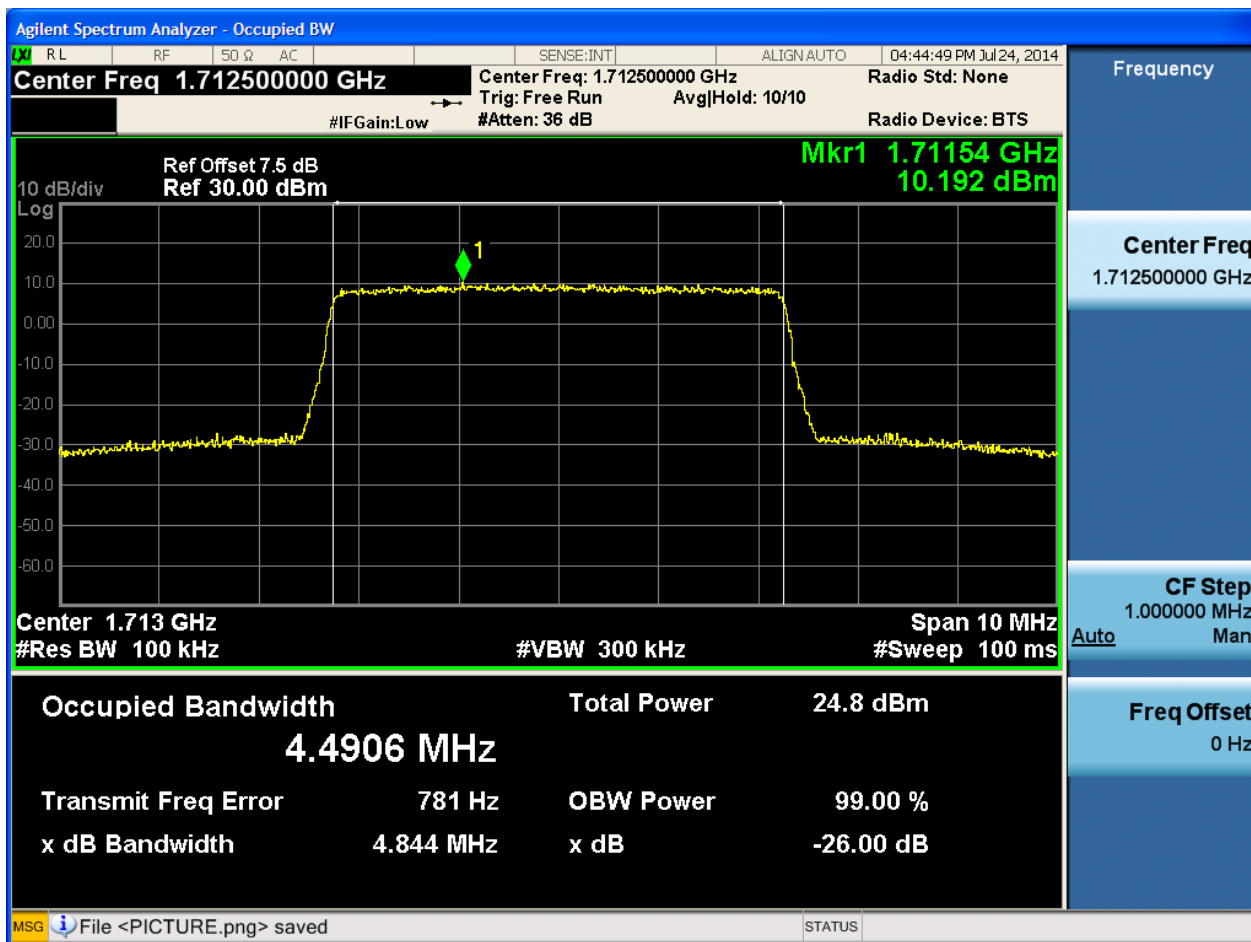




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

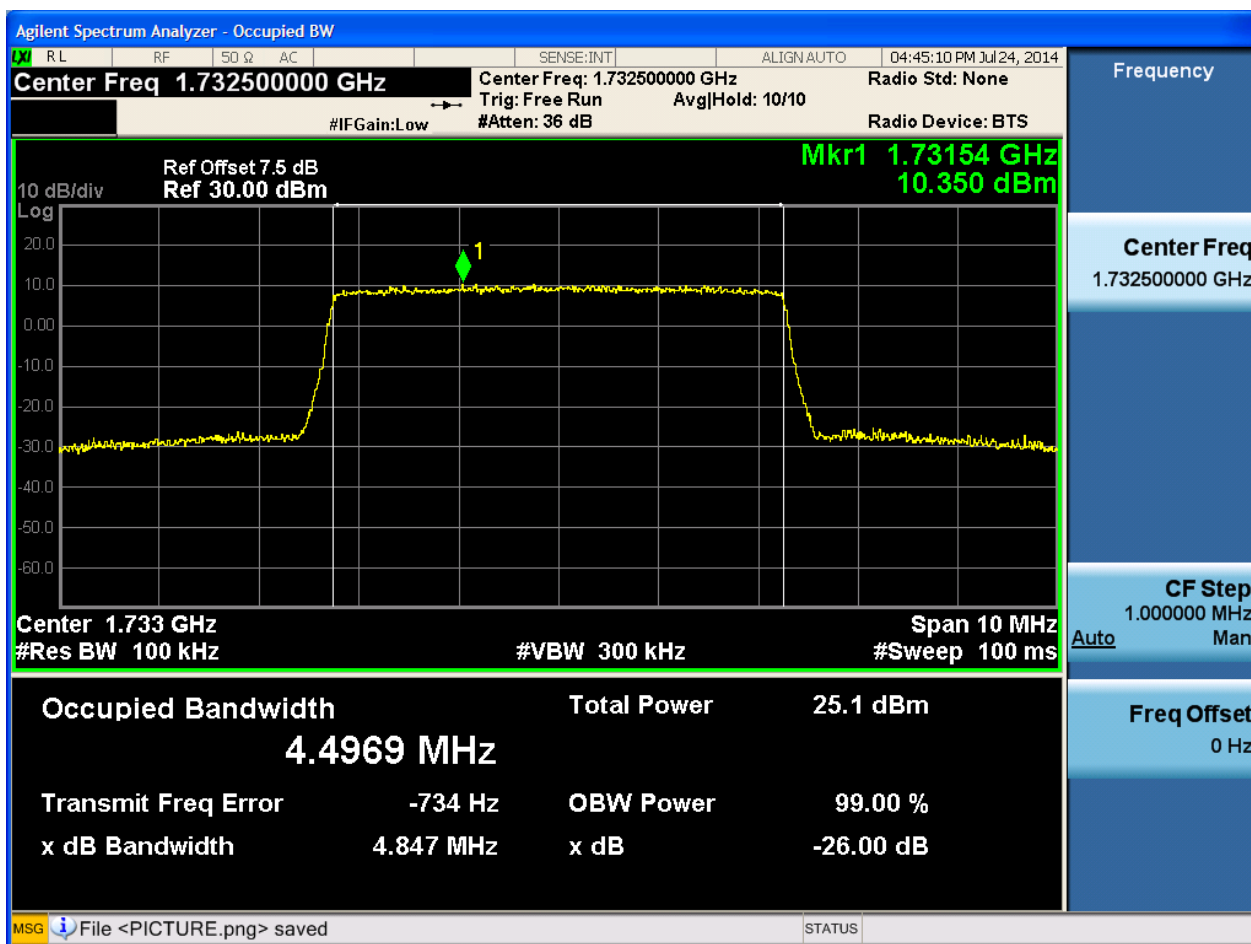
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

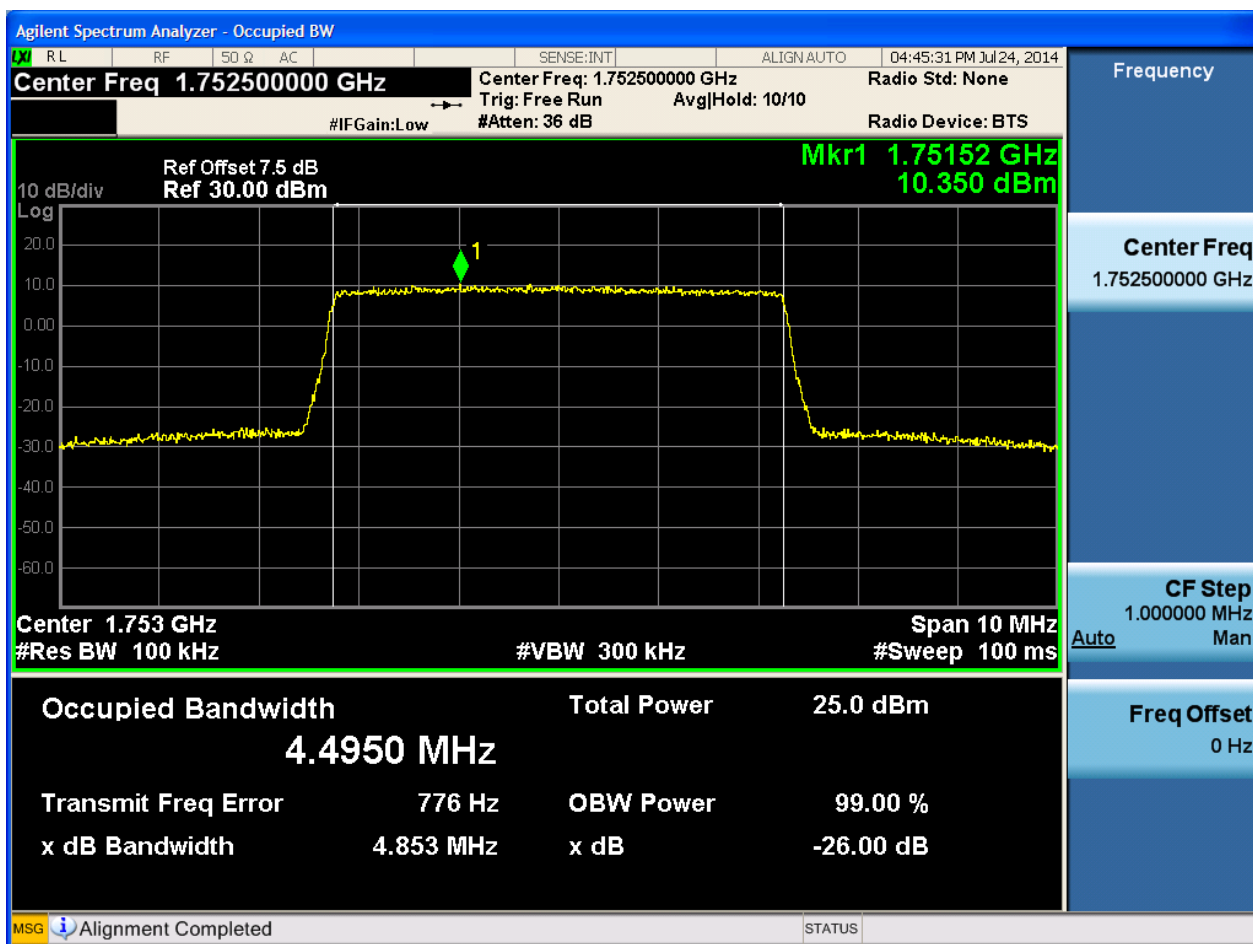
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

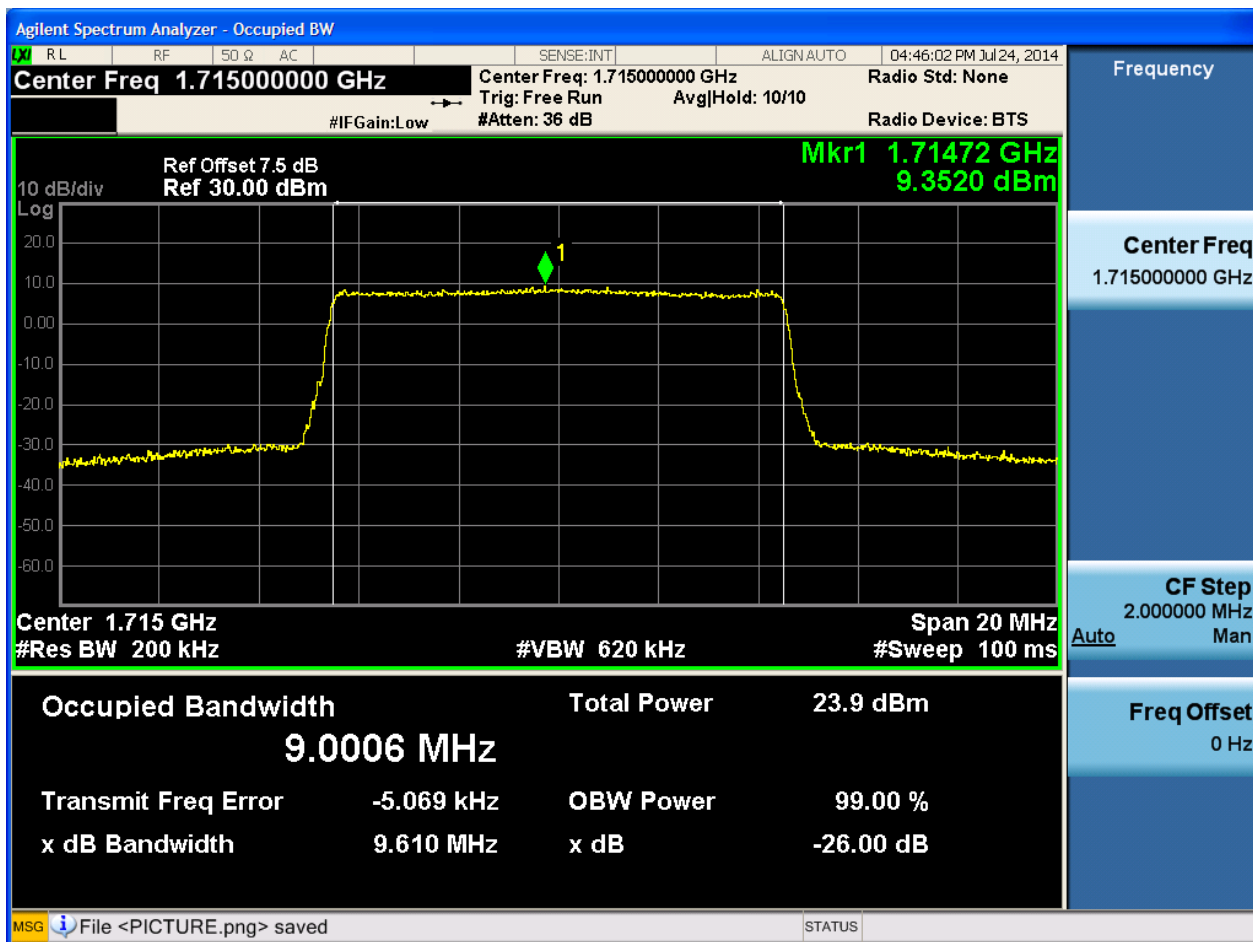




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

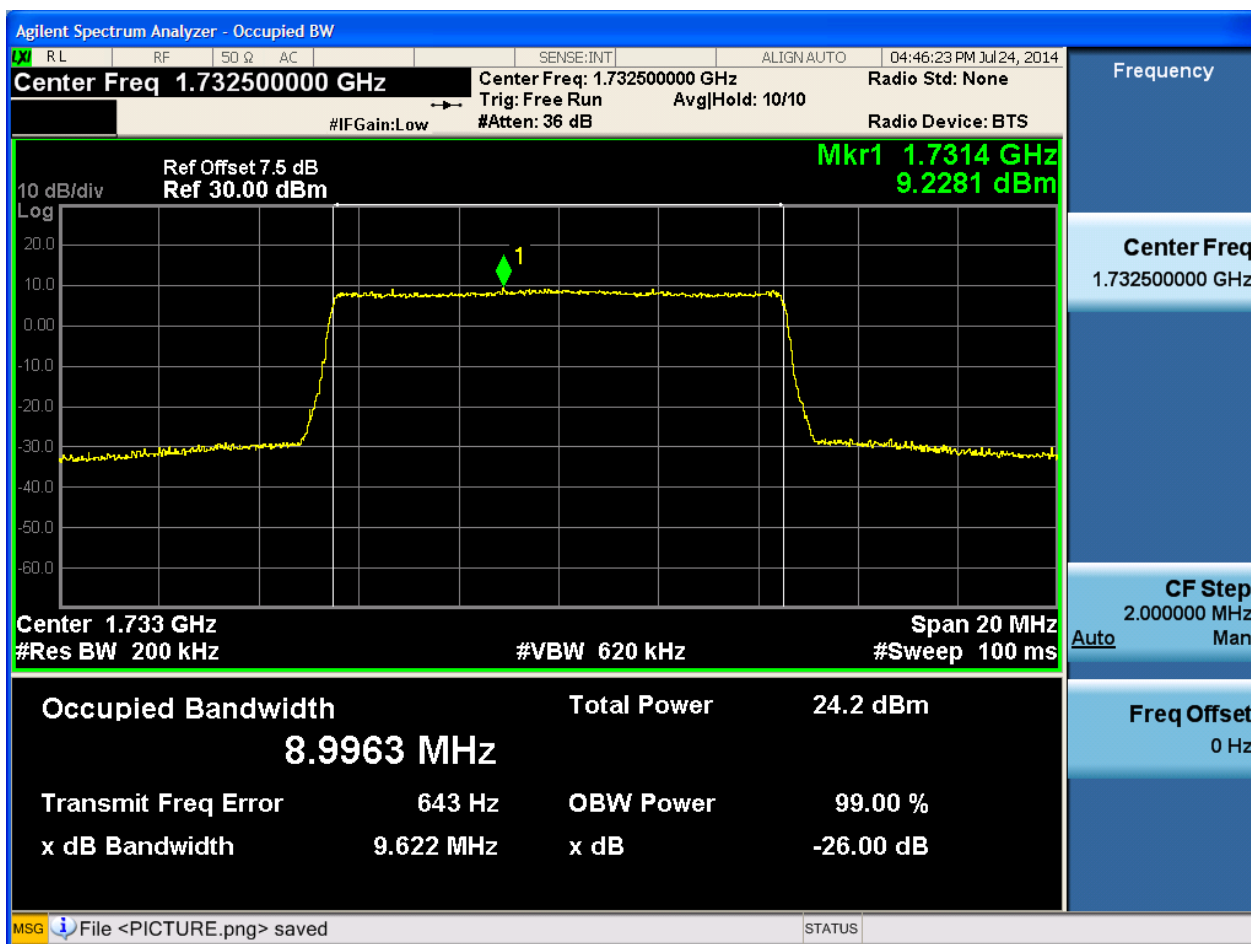
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

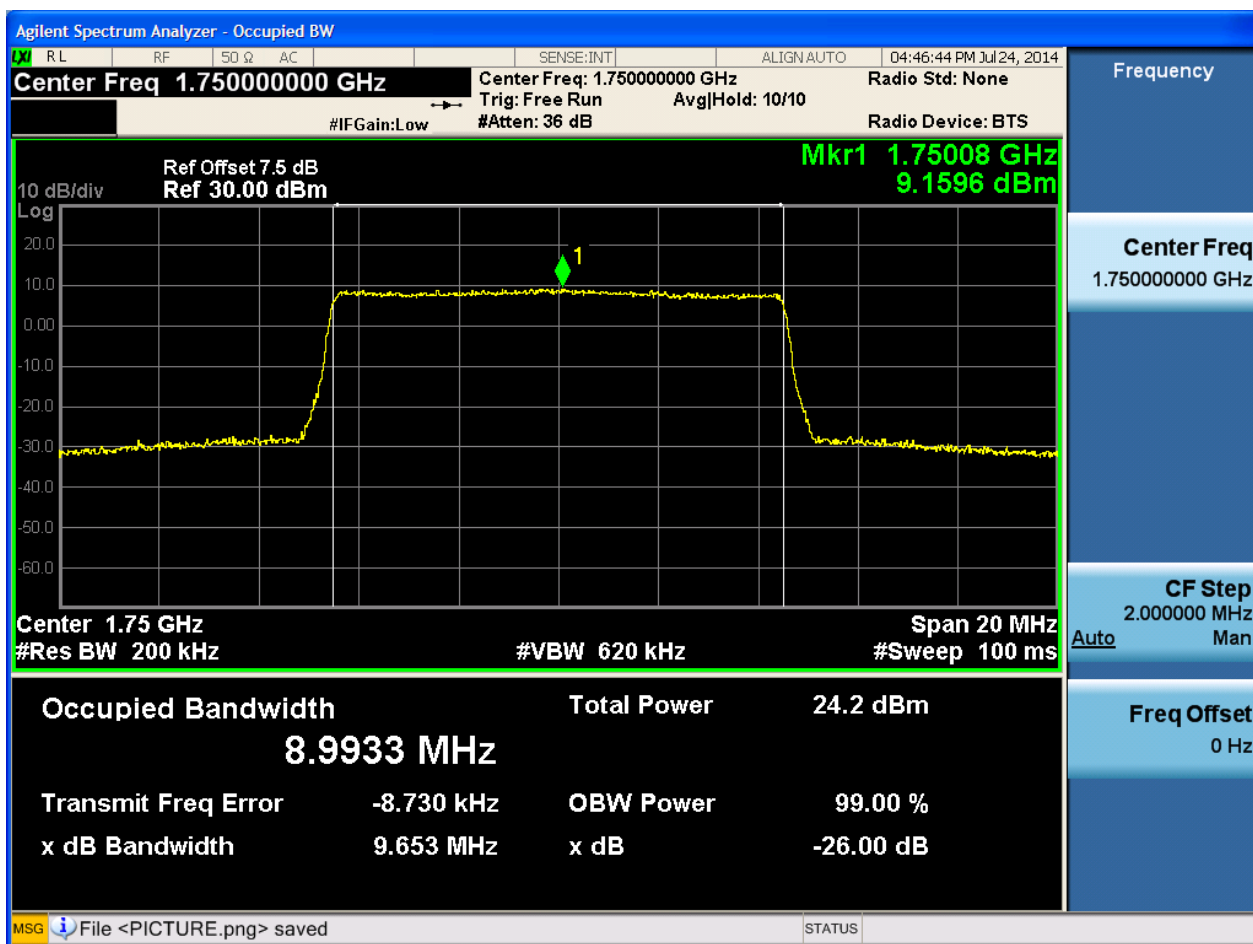
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

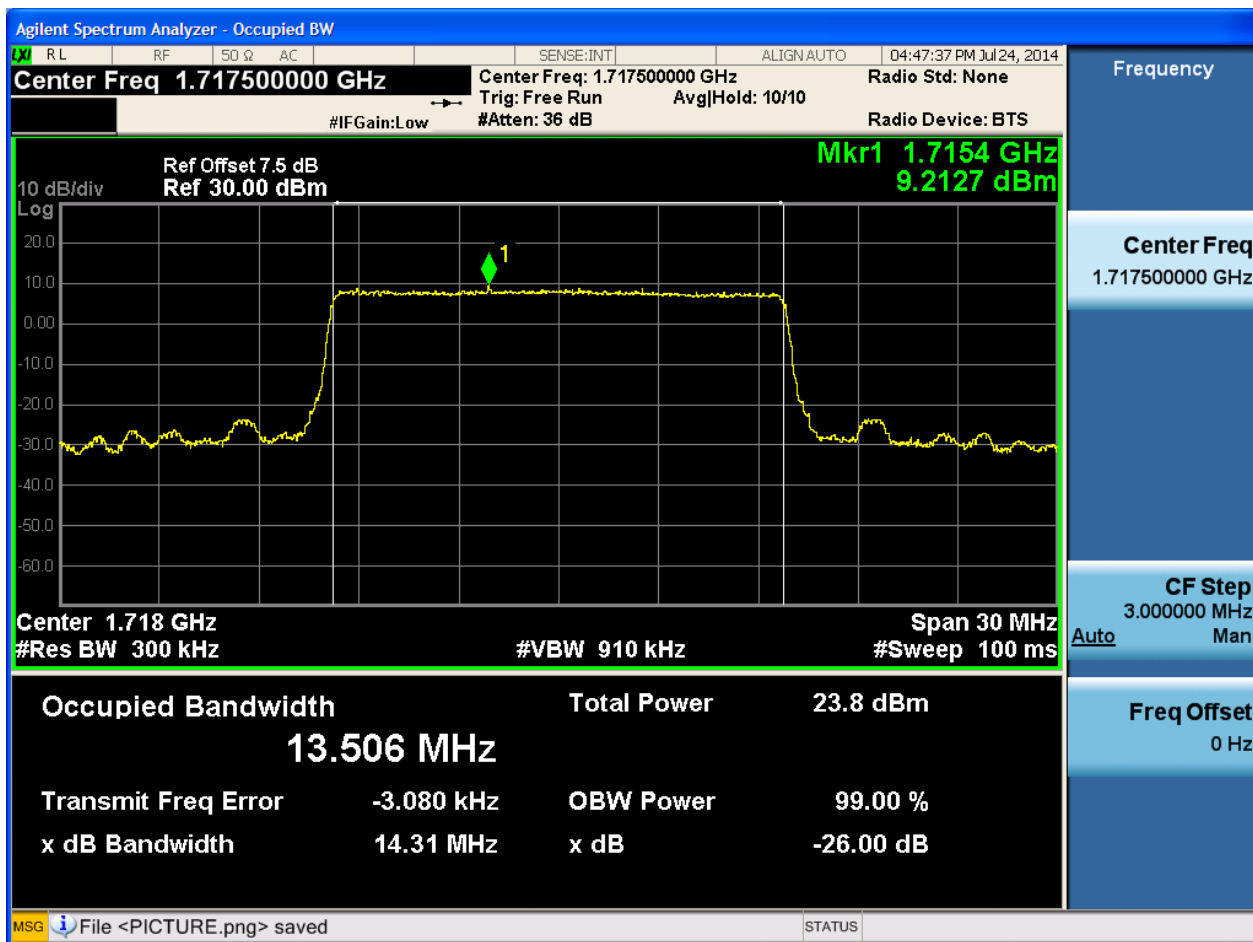




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

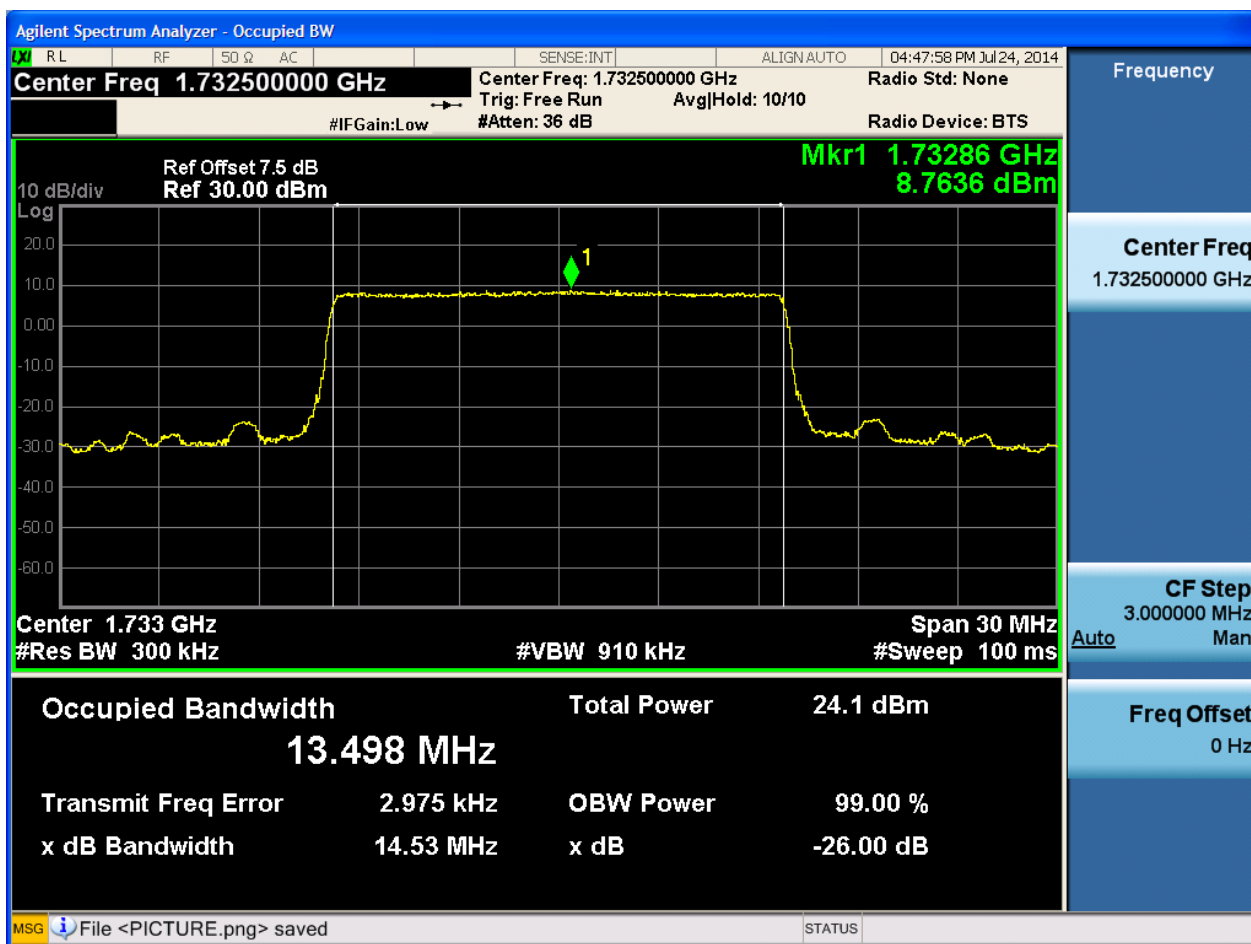
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

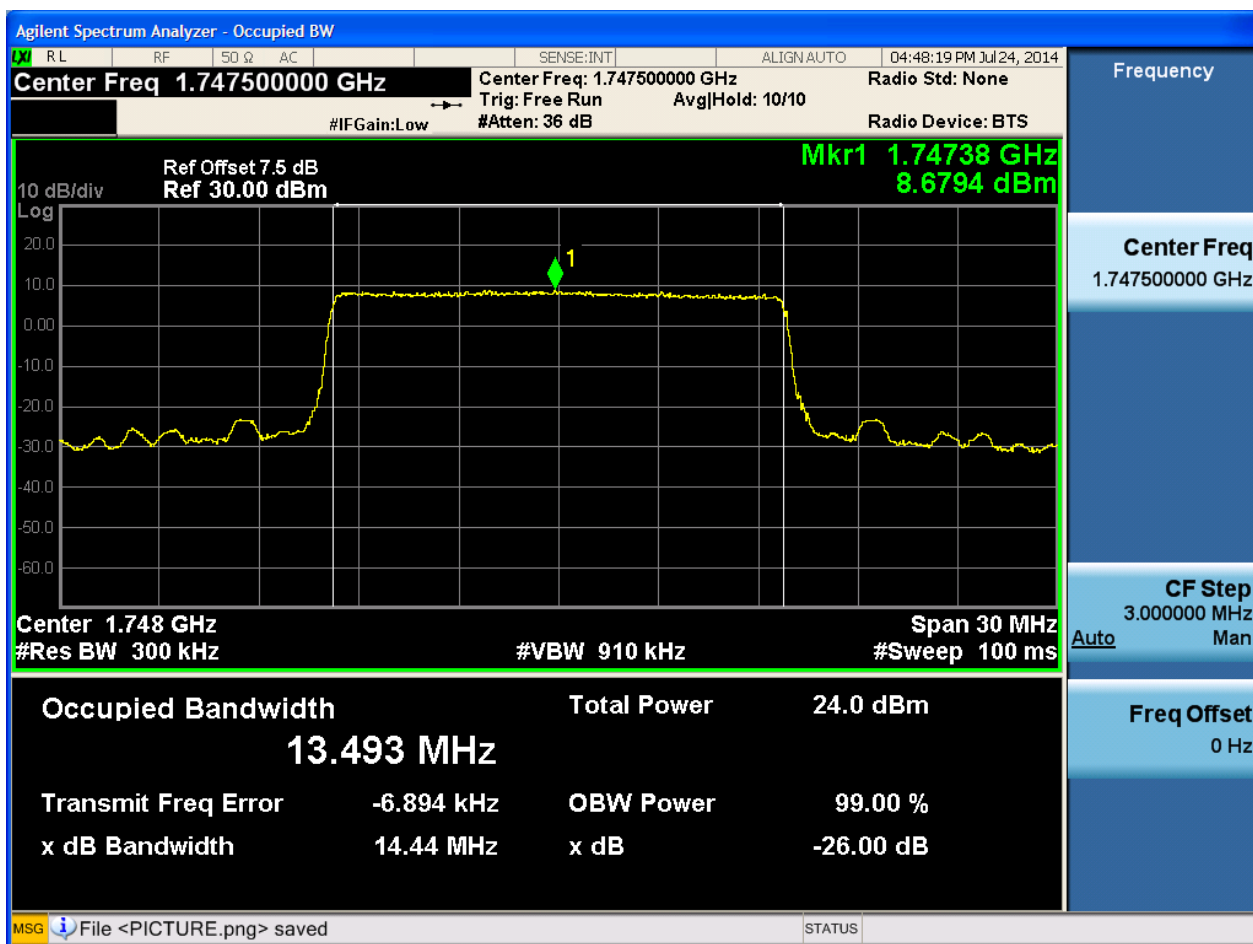
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

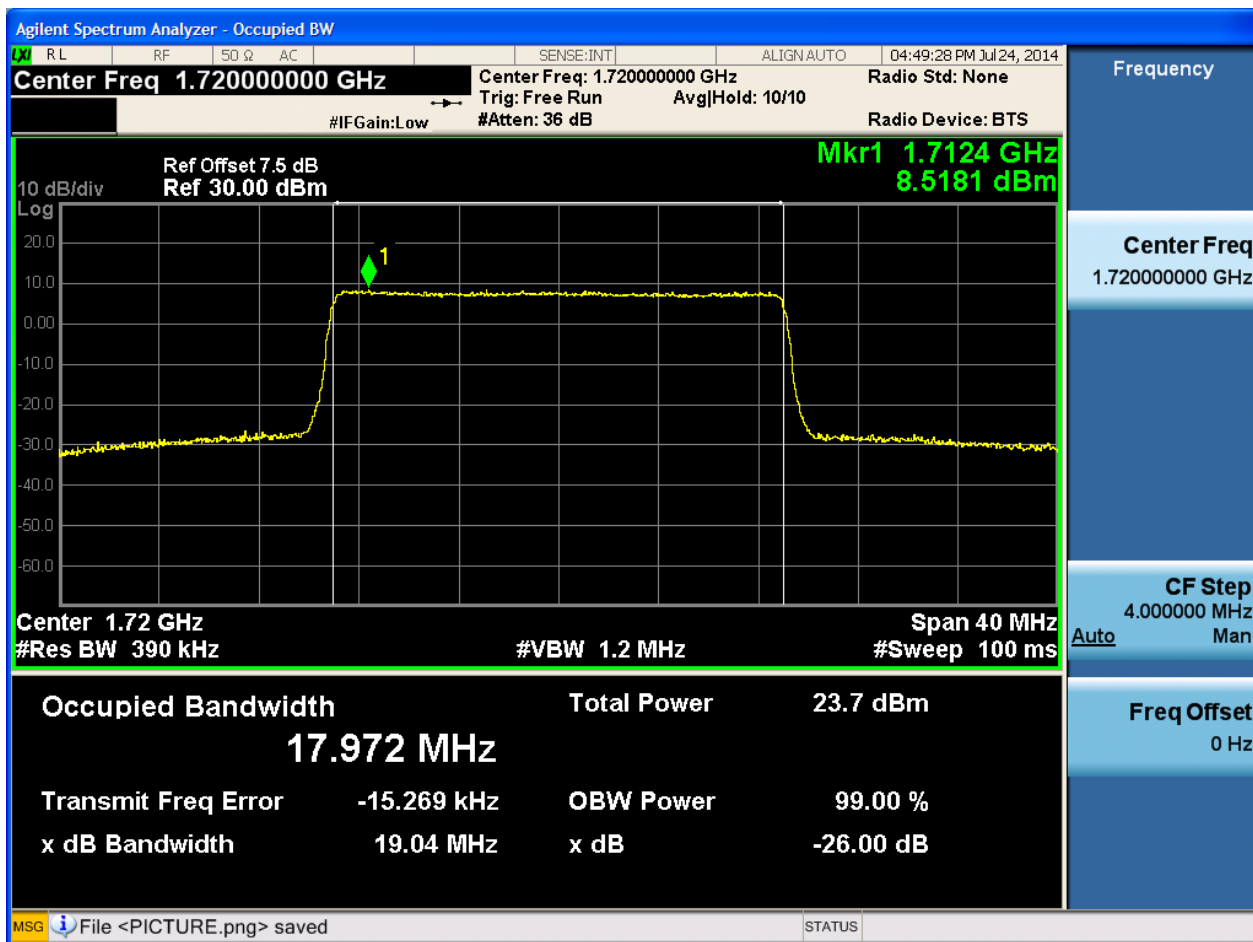




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

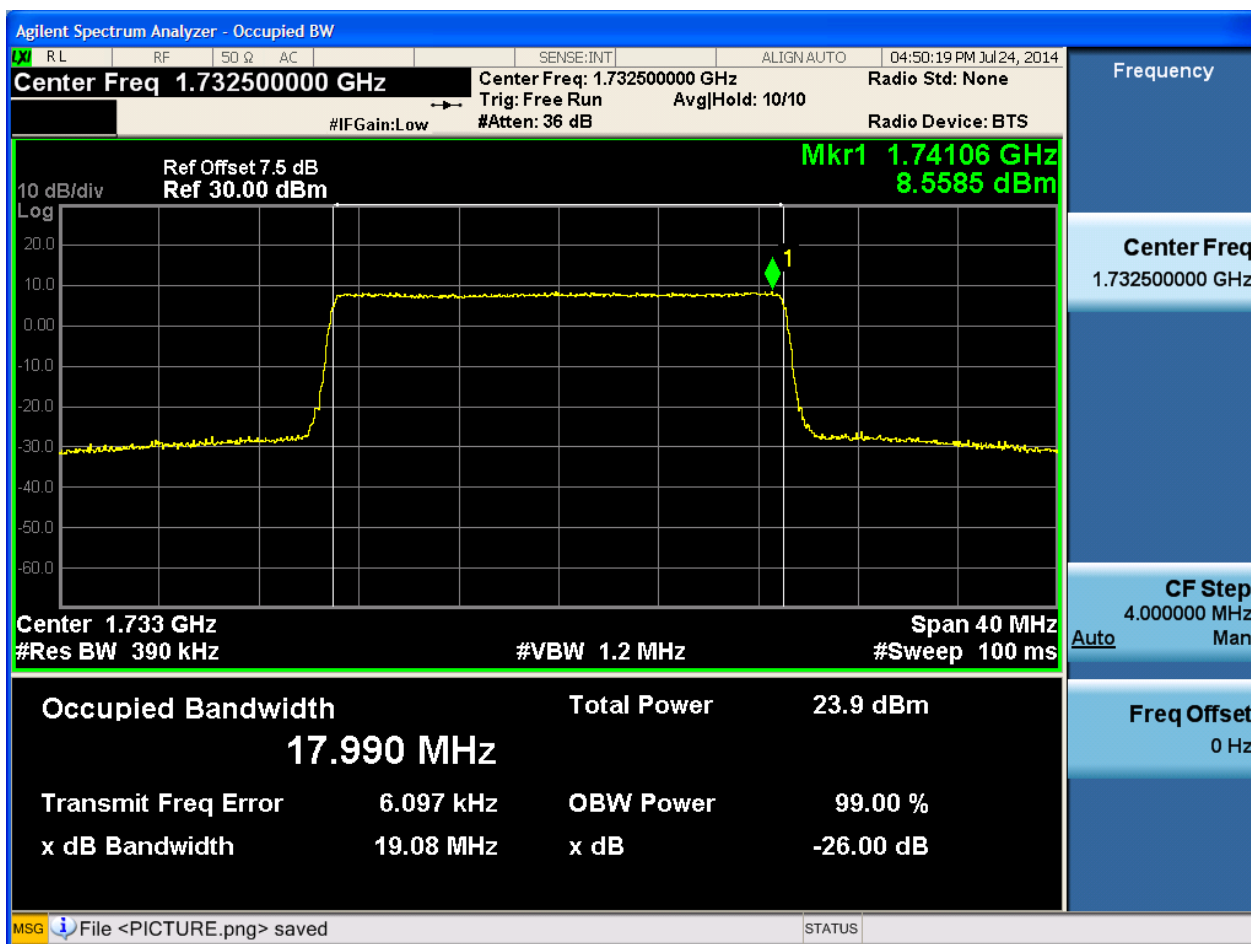
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

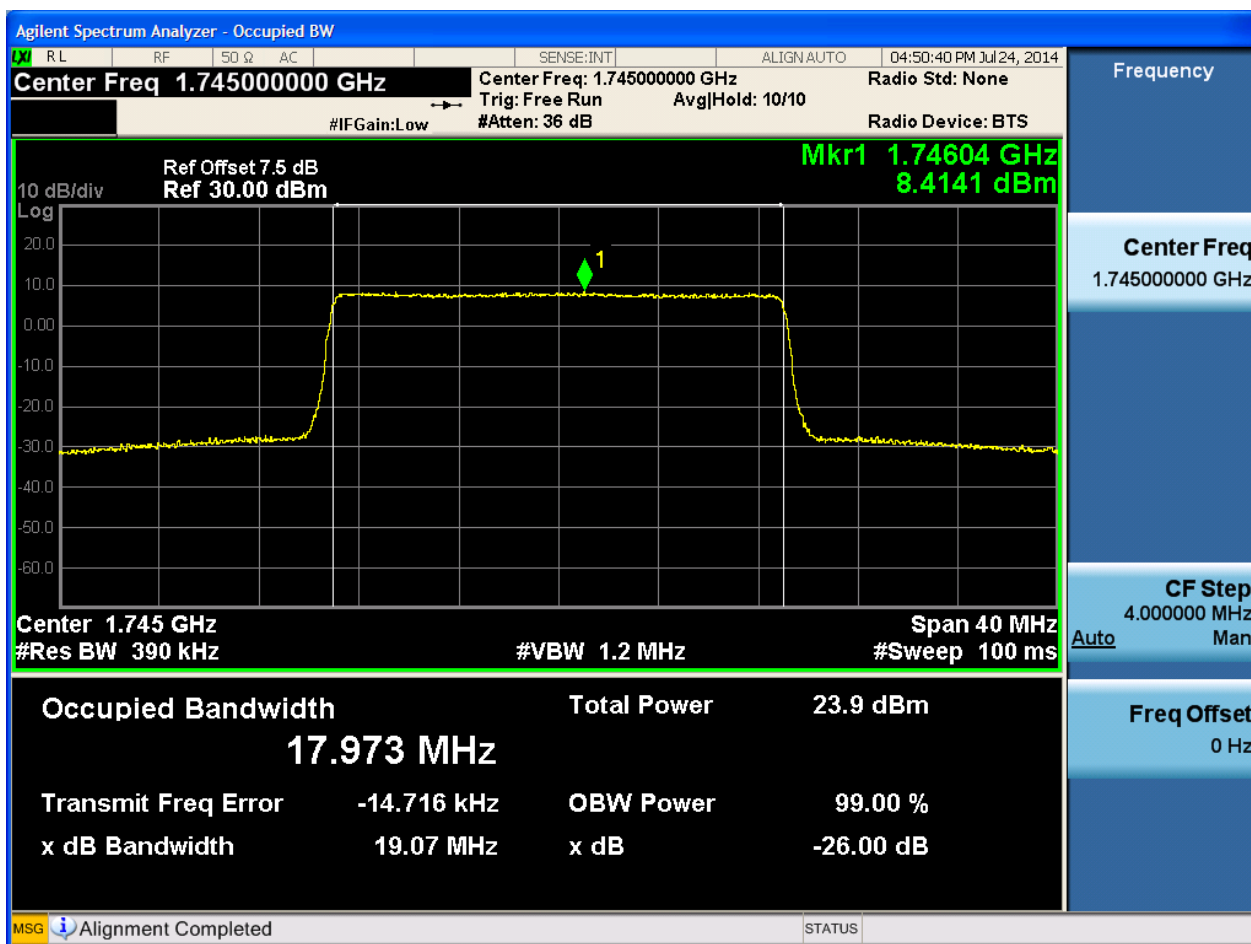
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



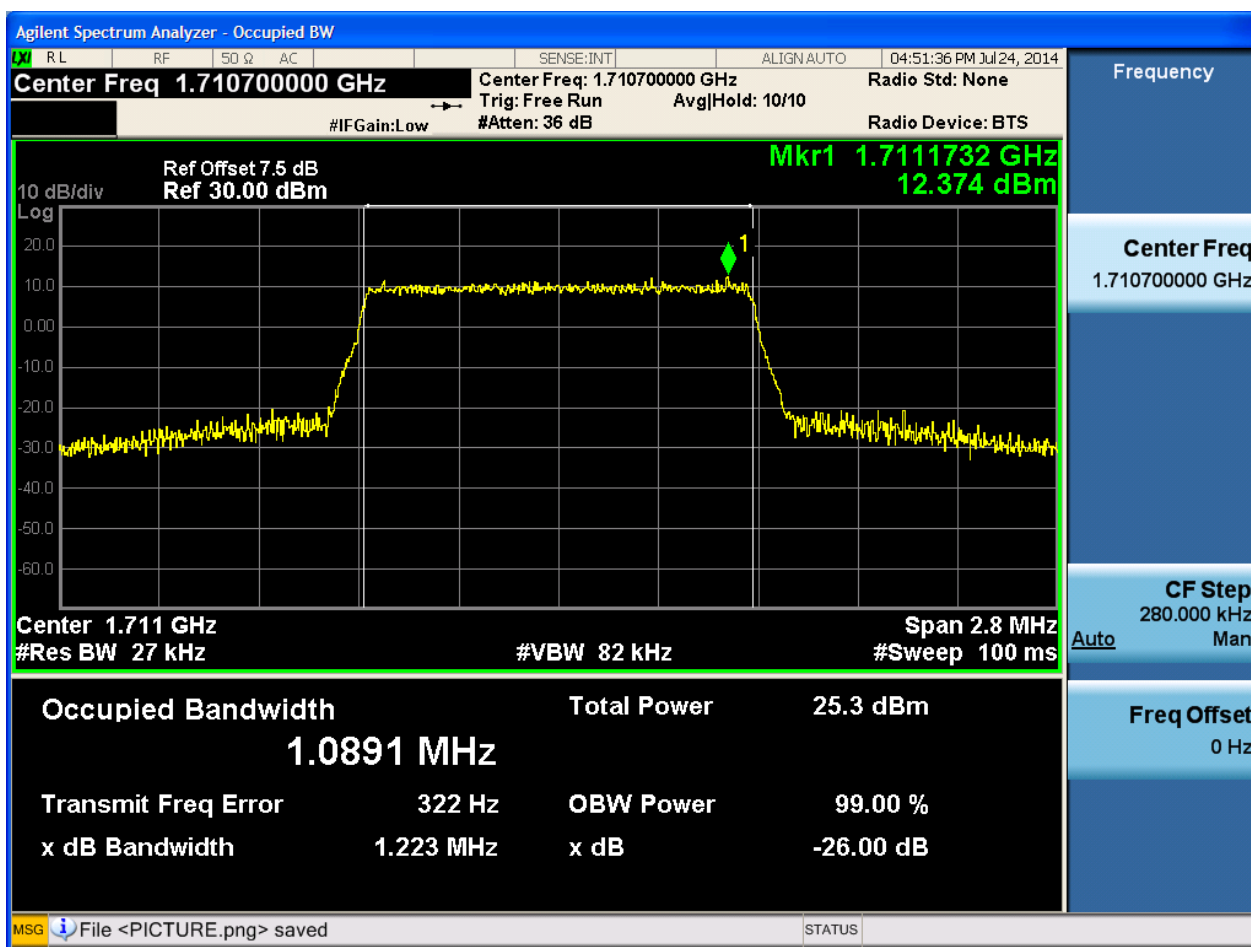


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

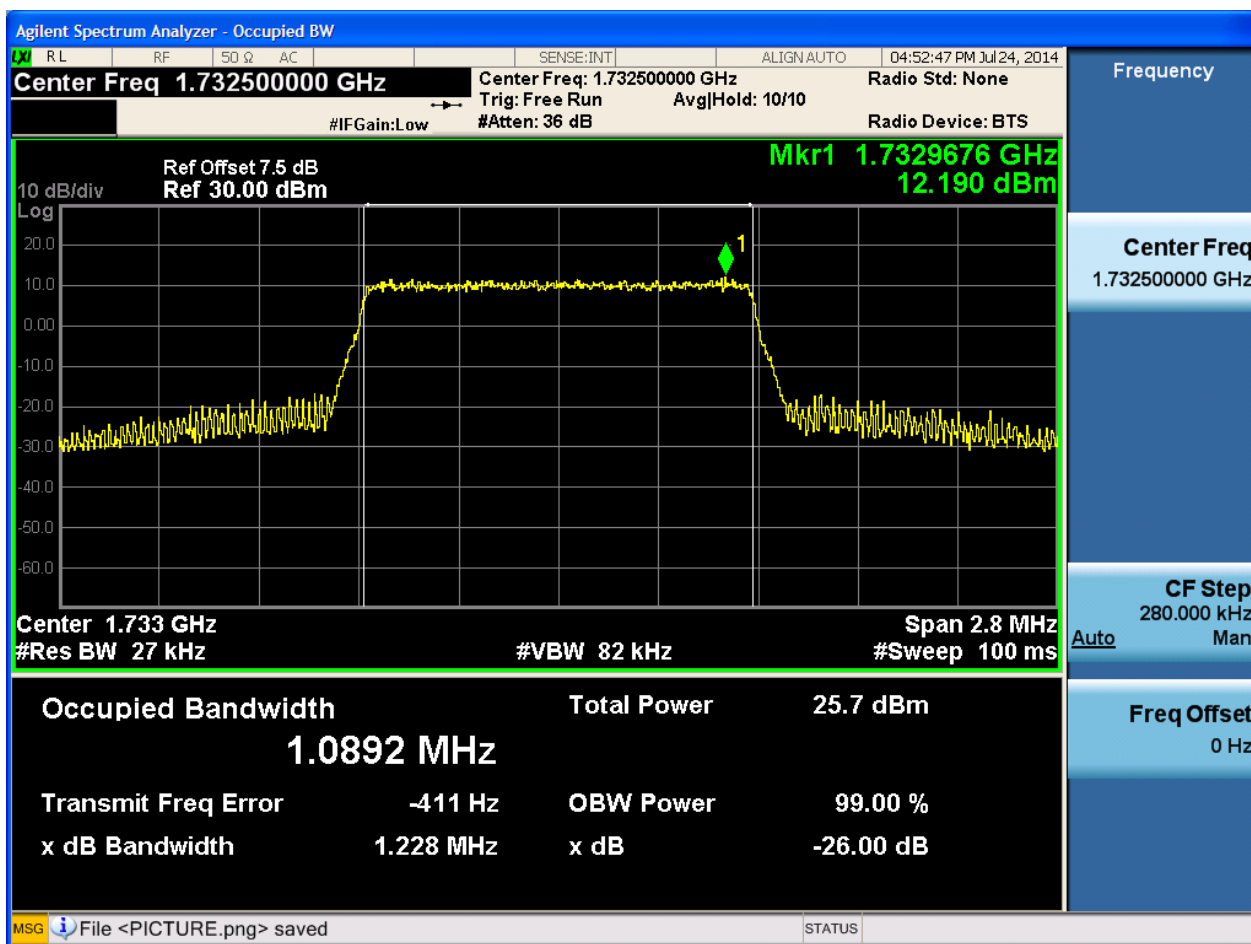
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

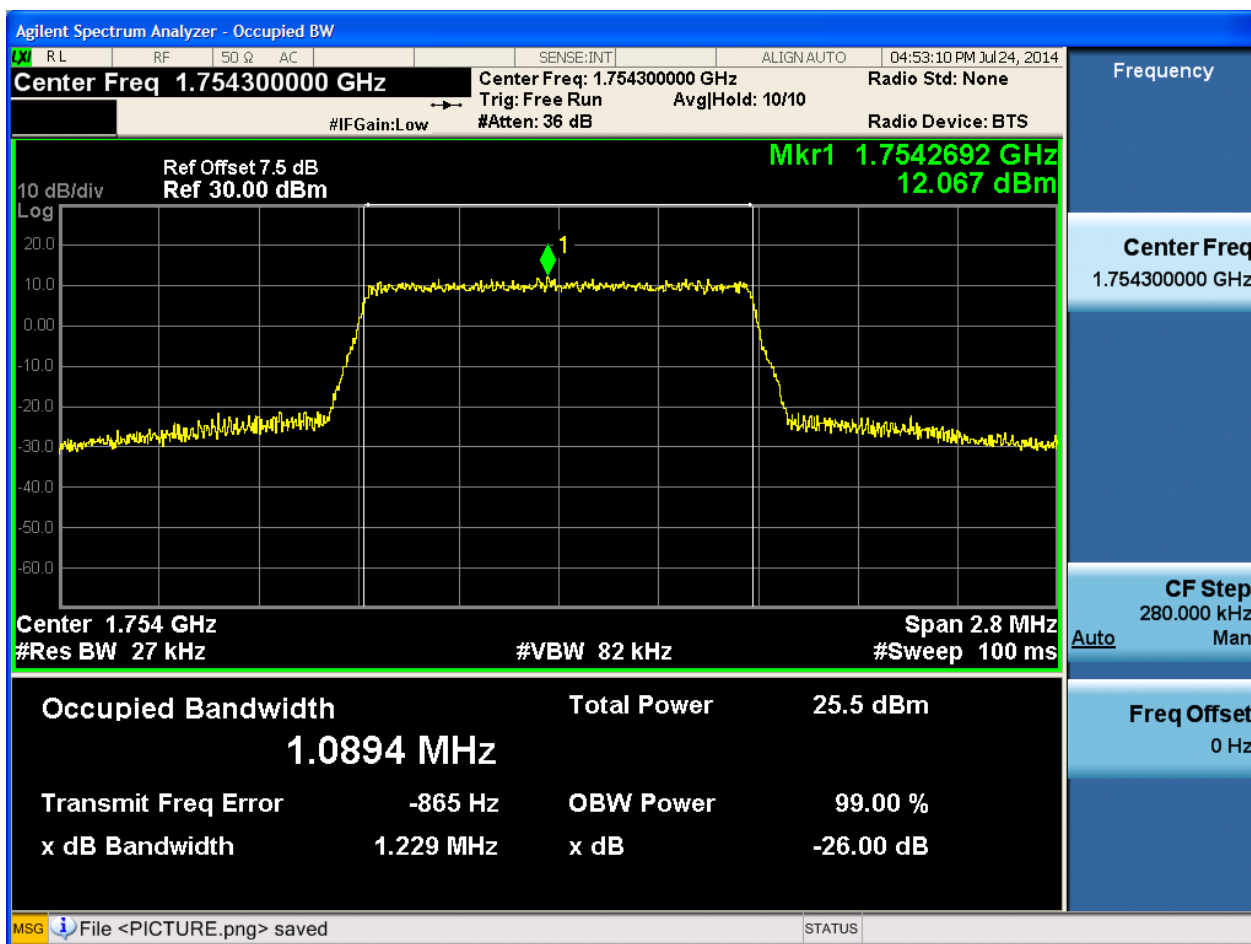
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

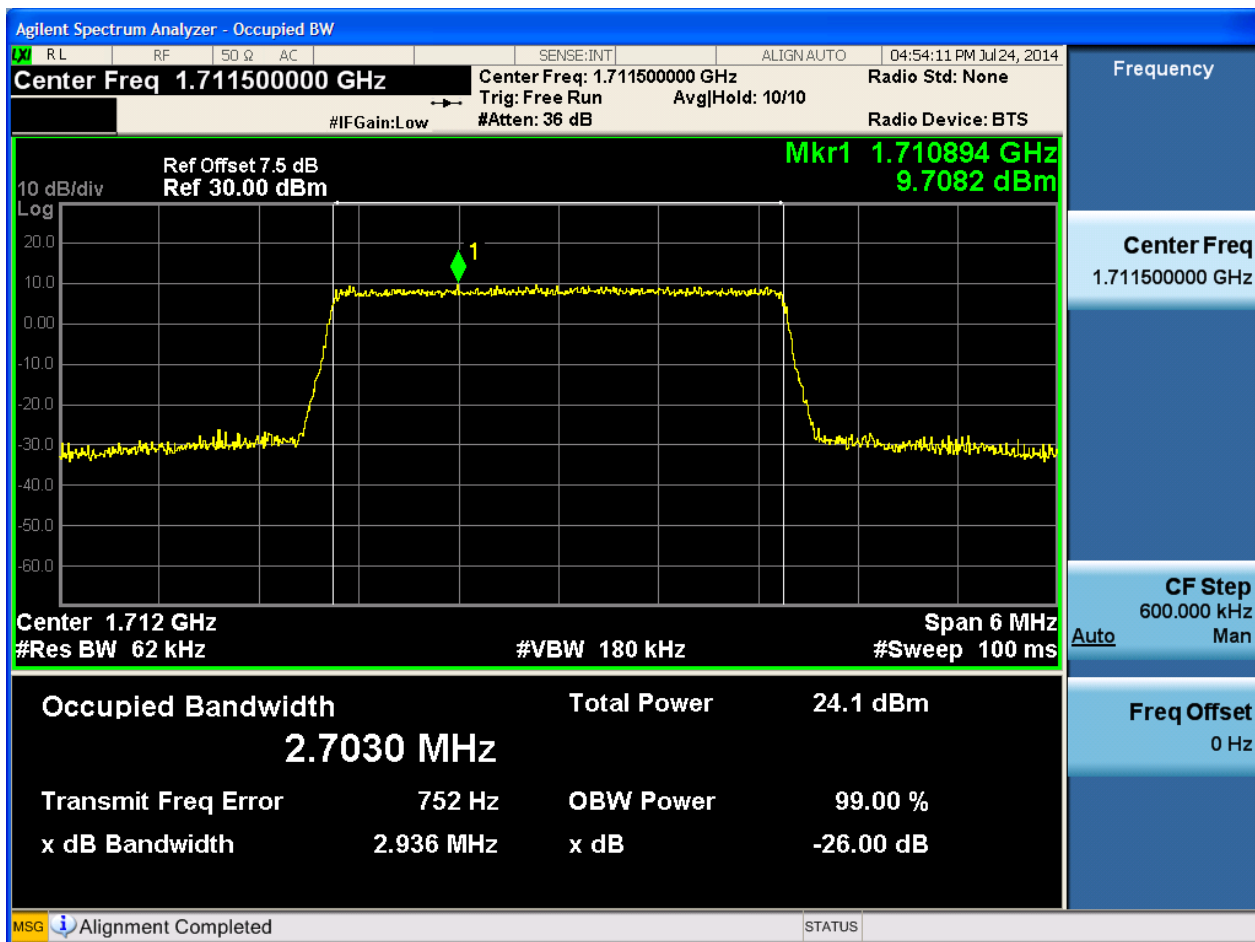




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

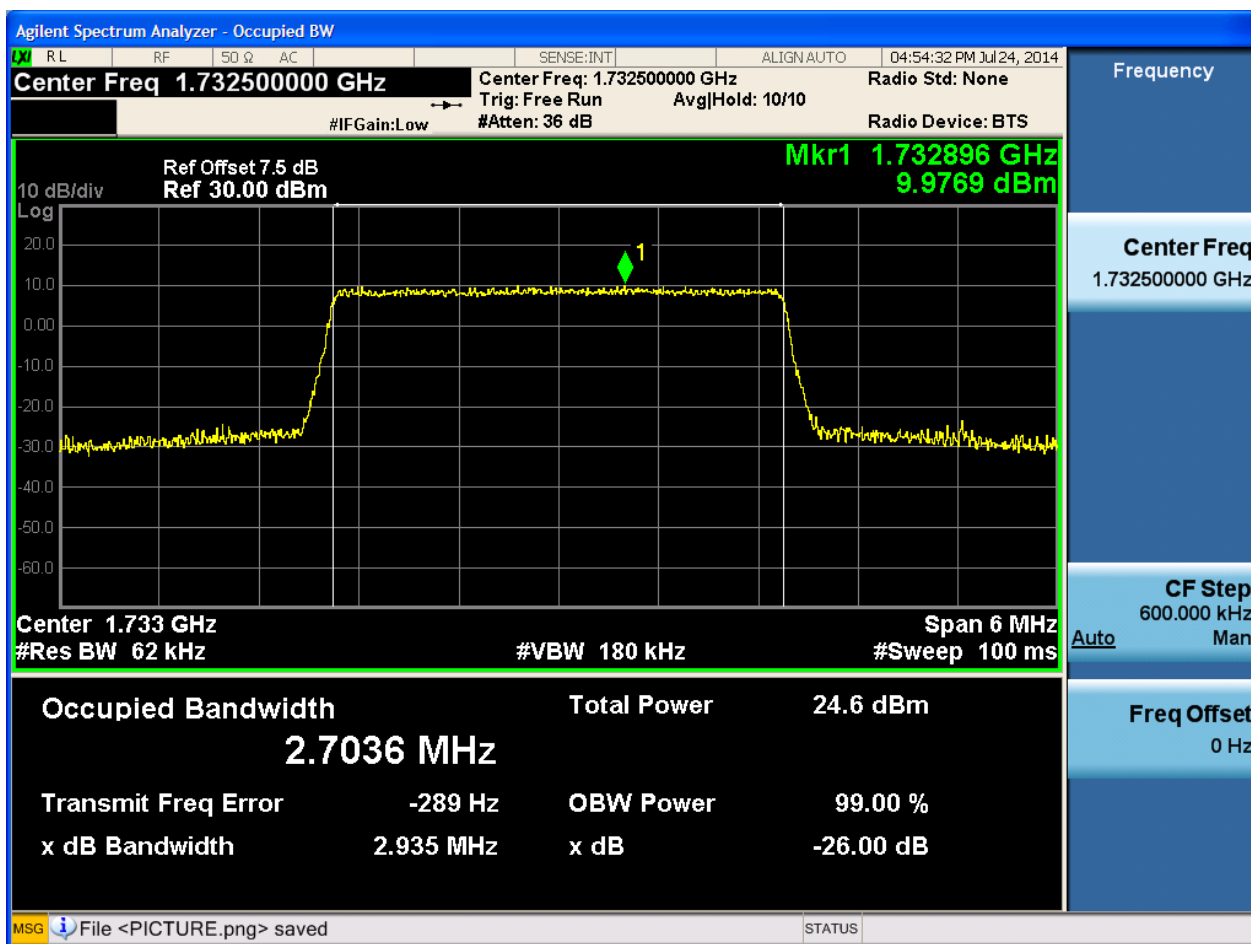
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2 Test Channel = MCH

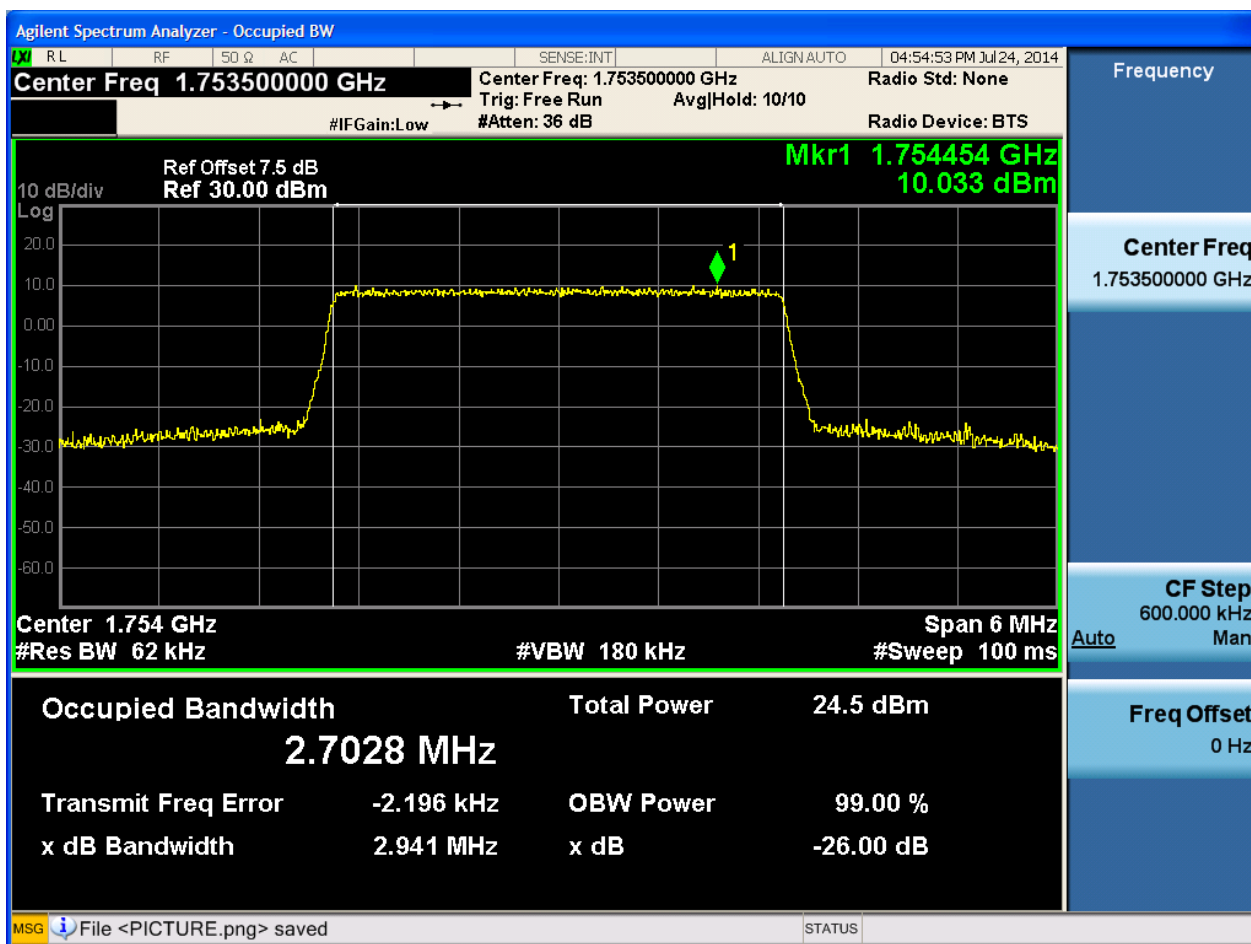
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

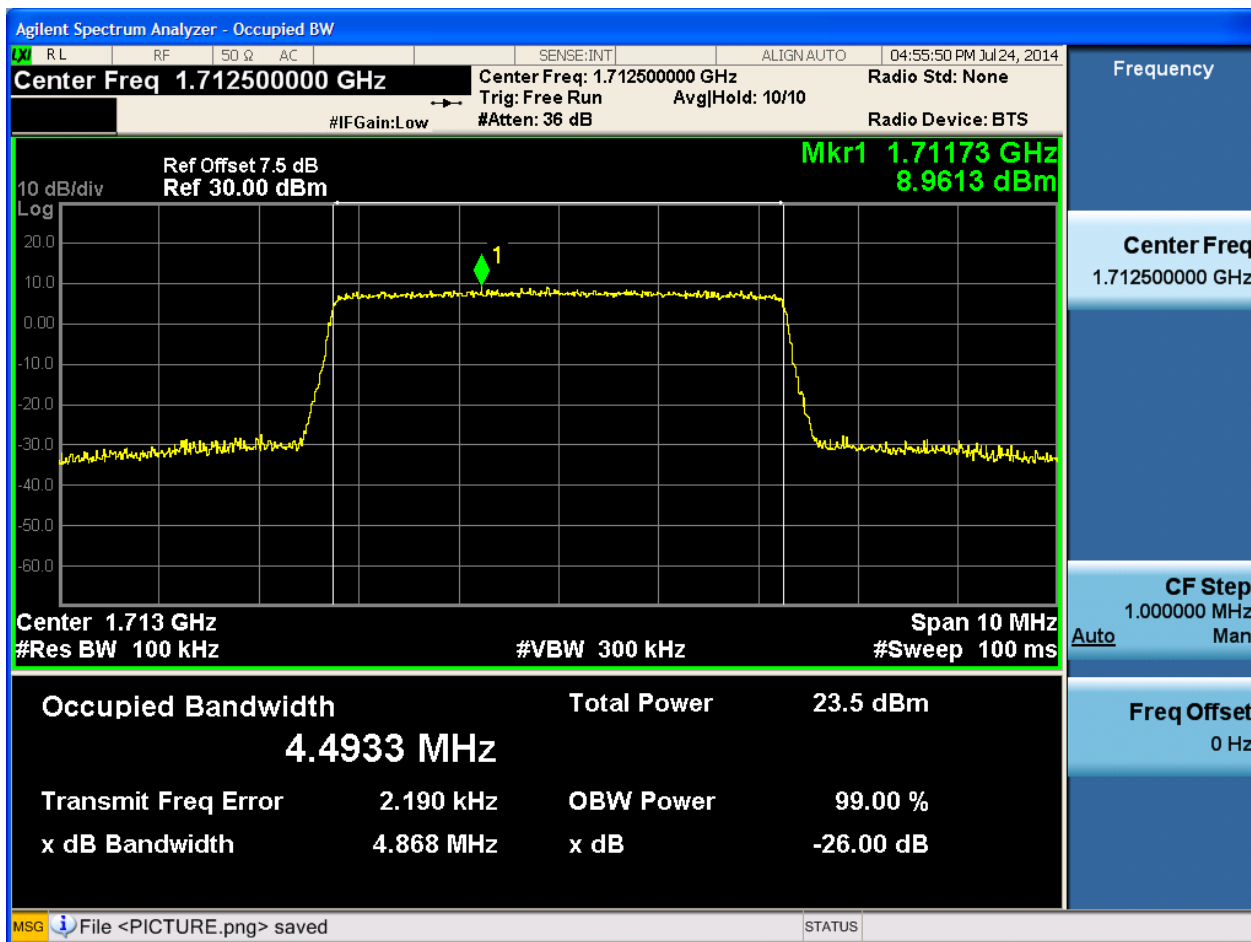




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

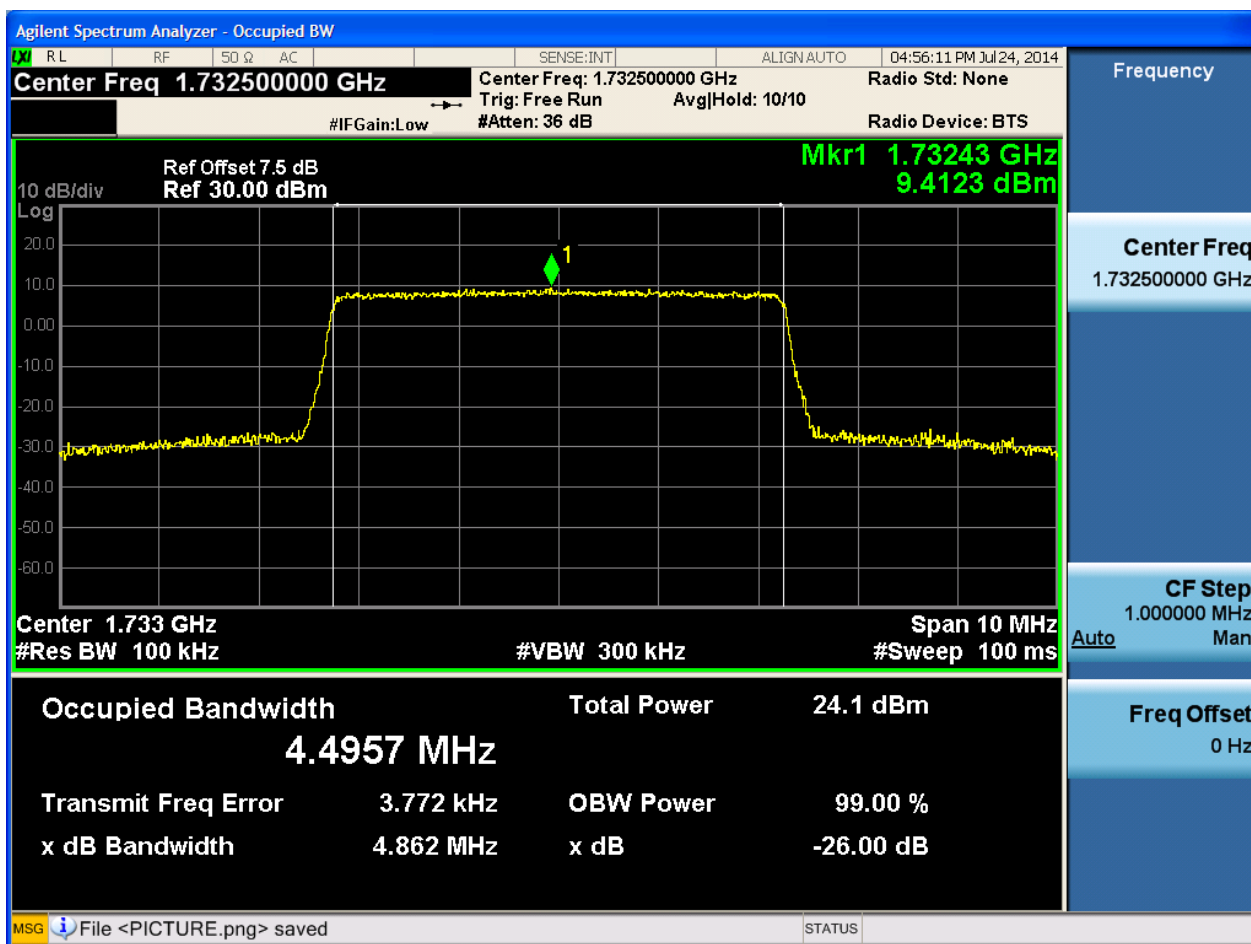
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

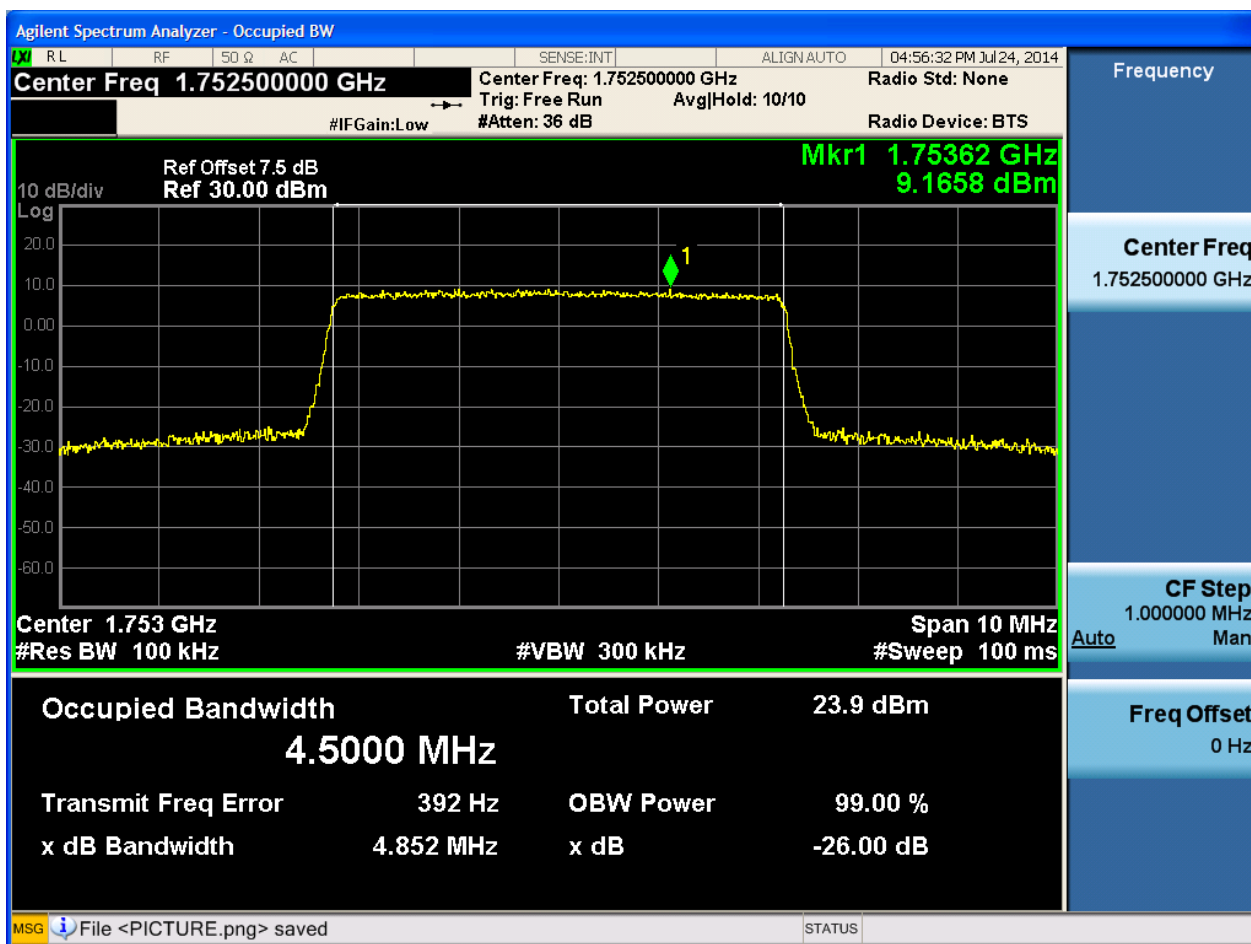
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

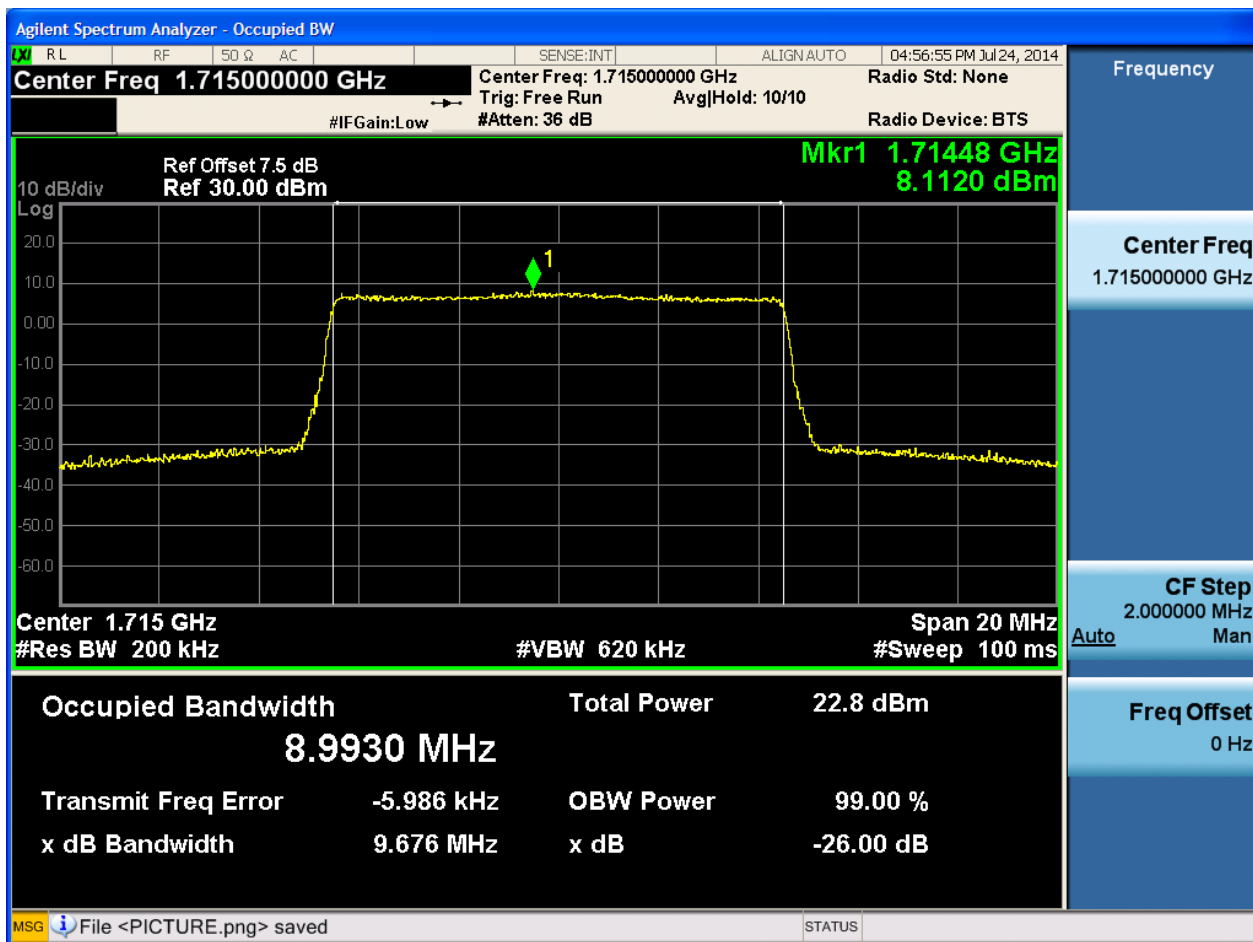




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

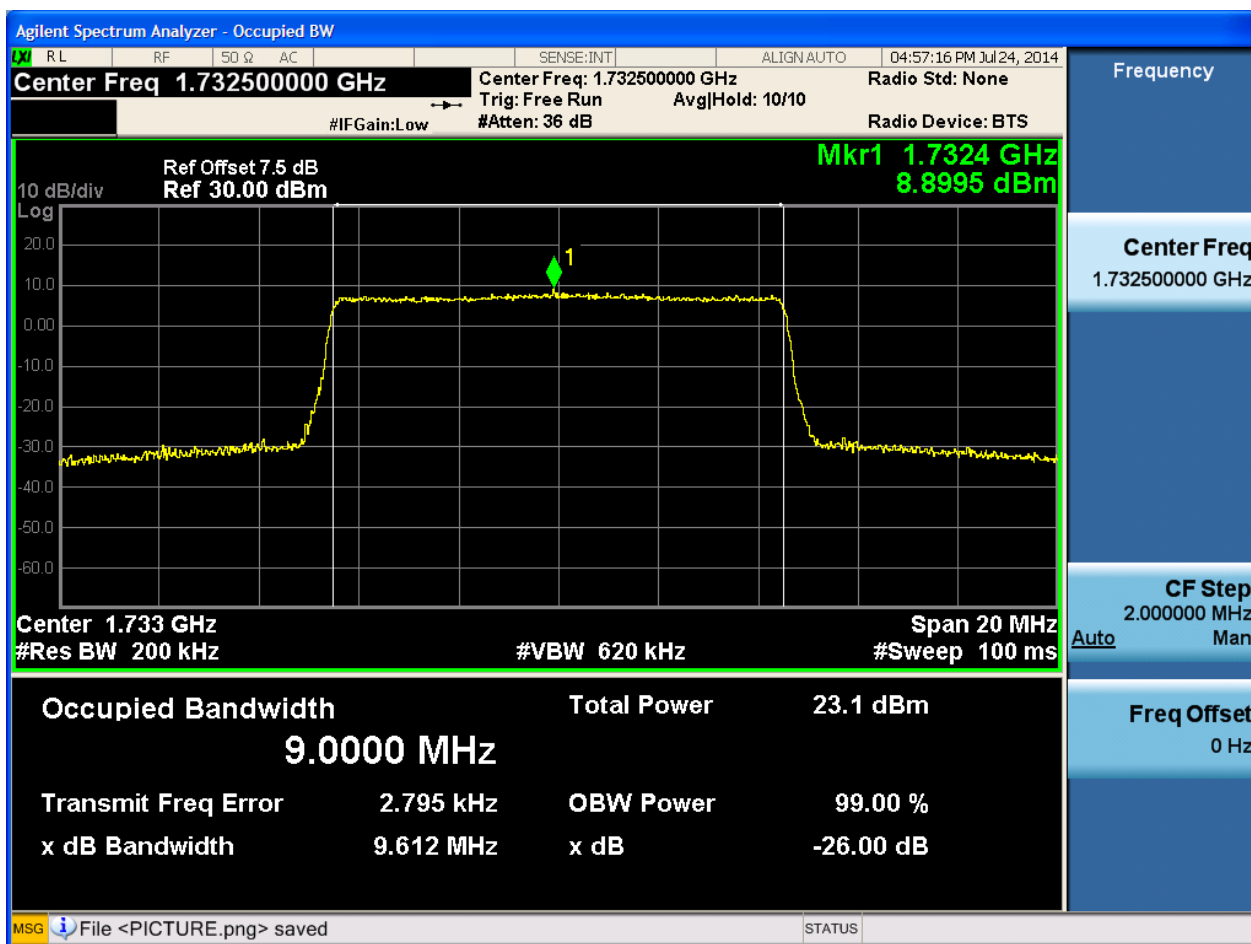
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

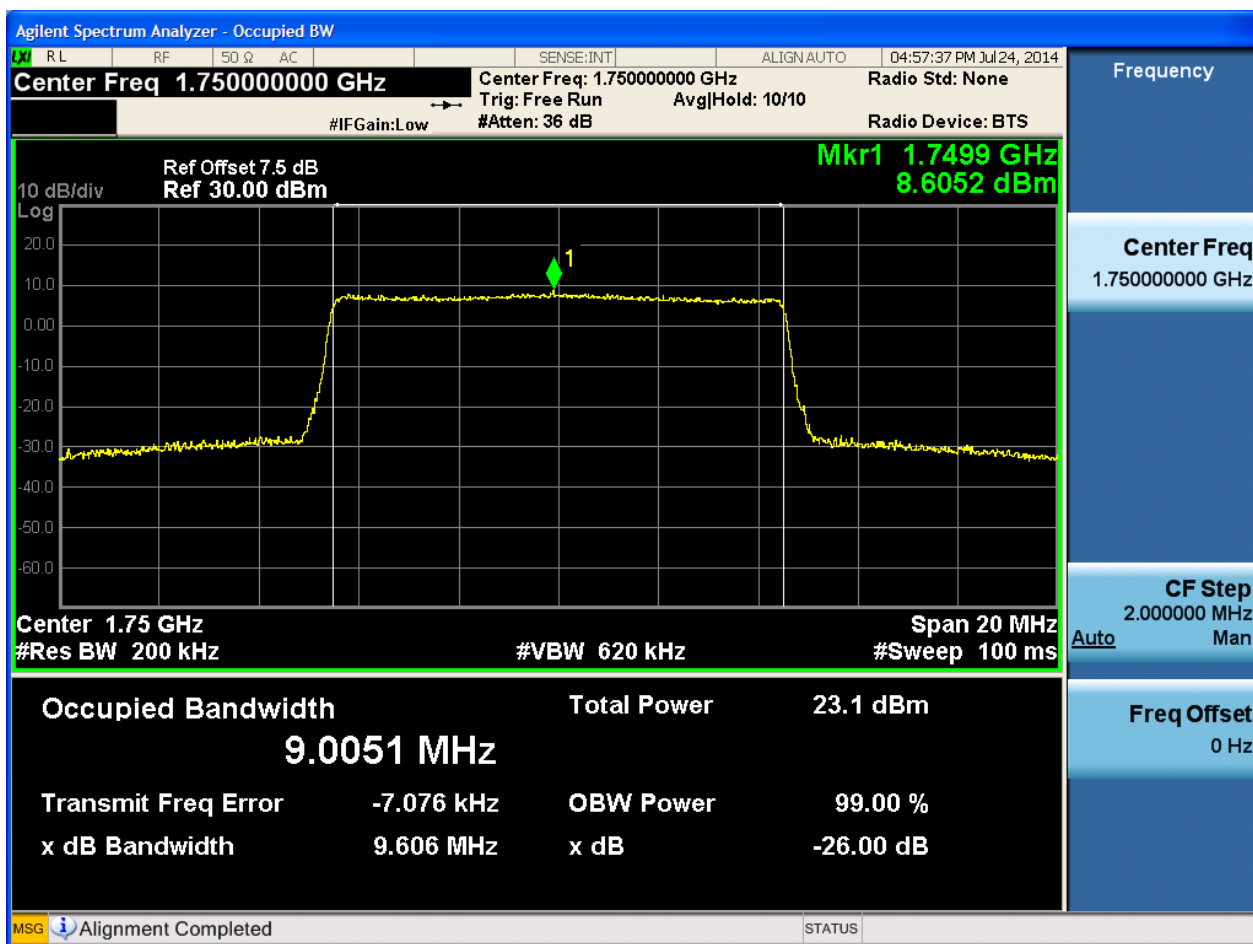
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

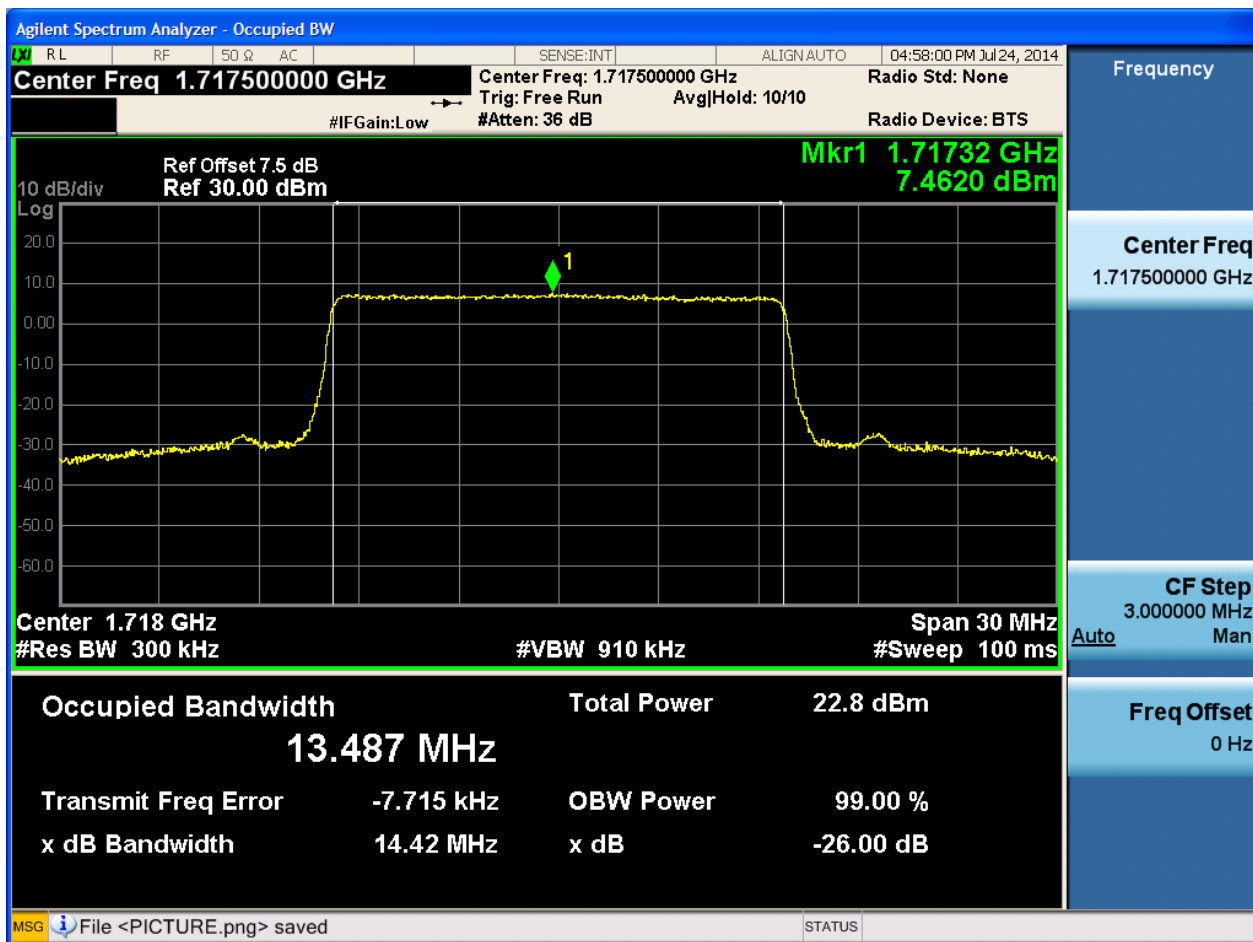




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

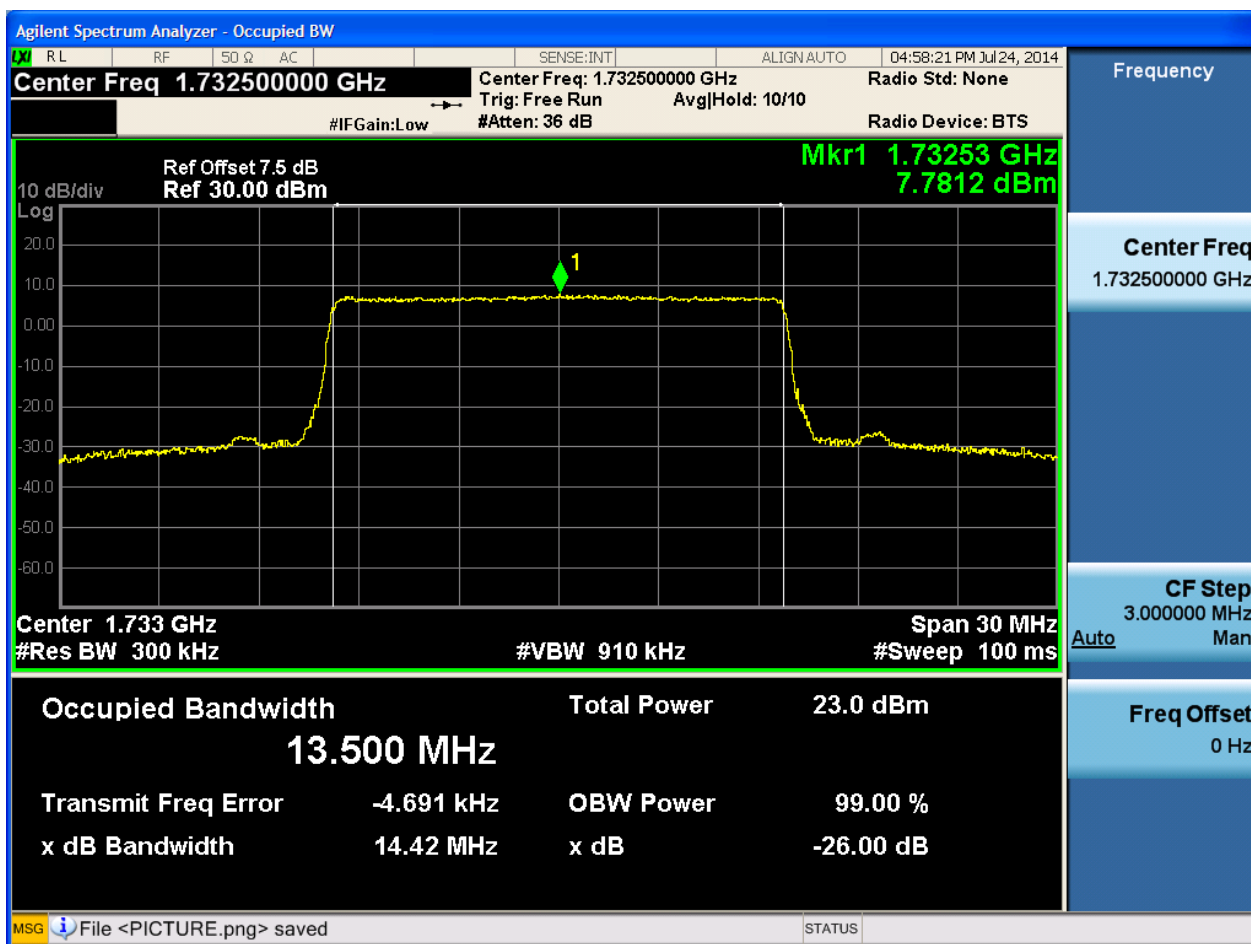
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

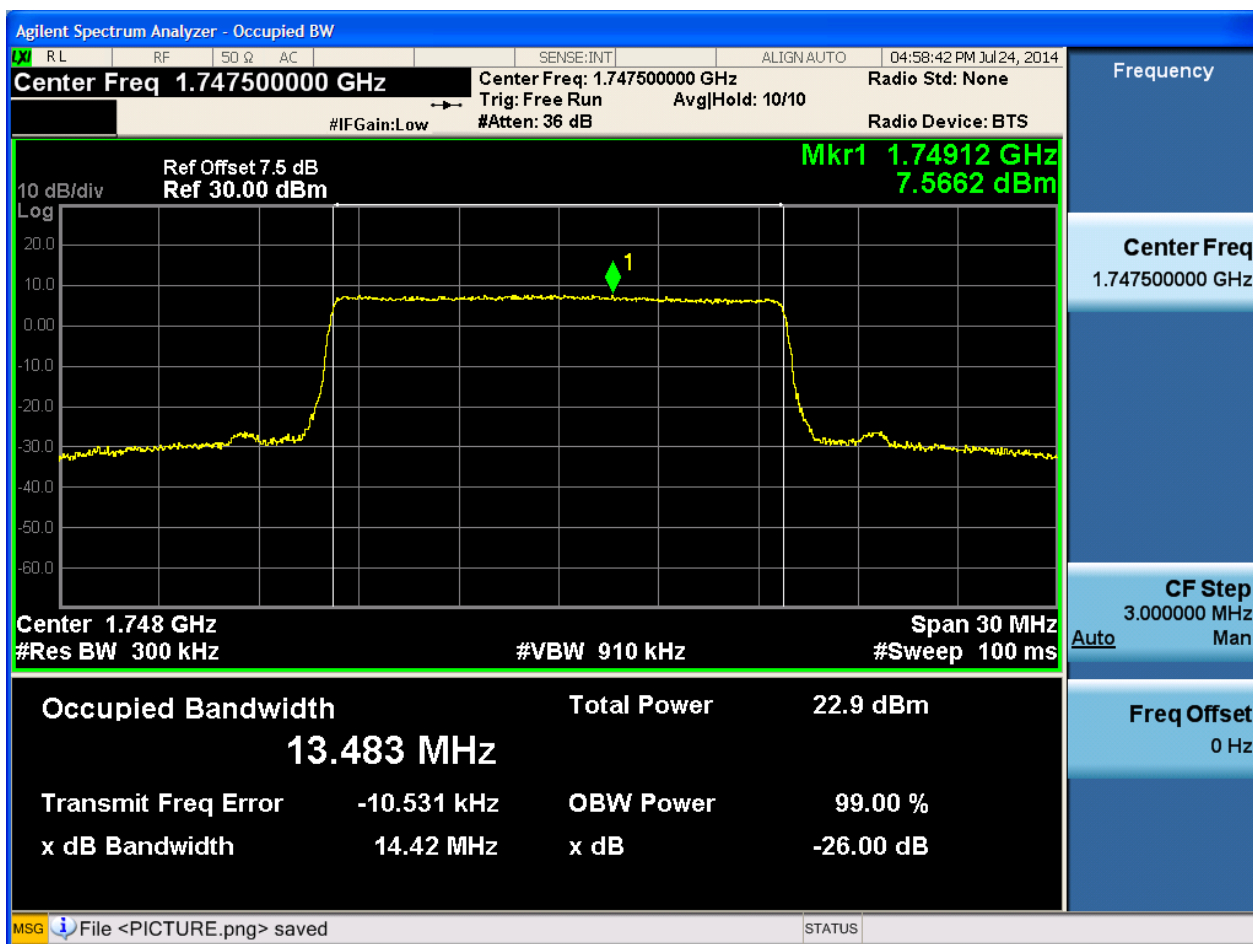
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

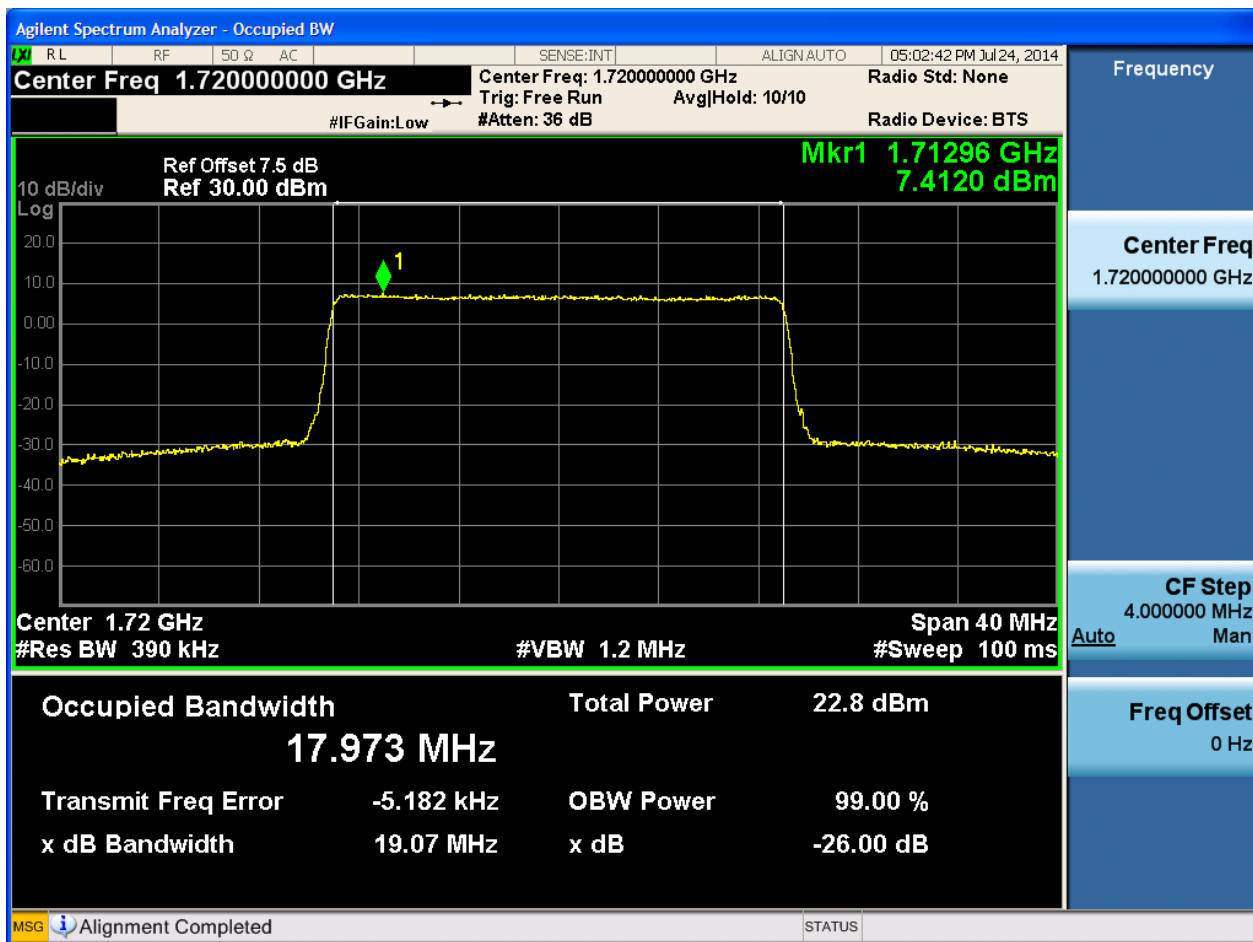




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

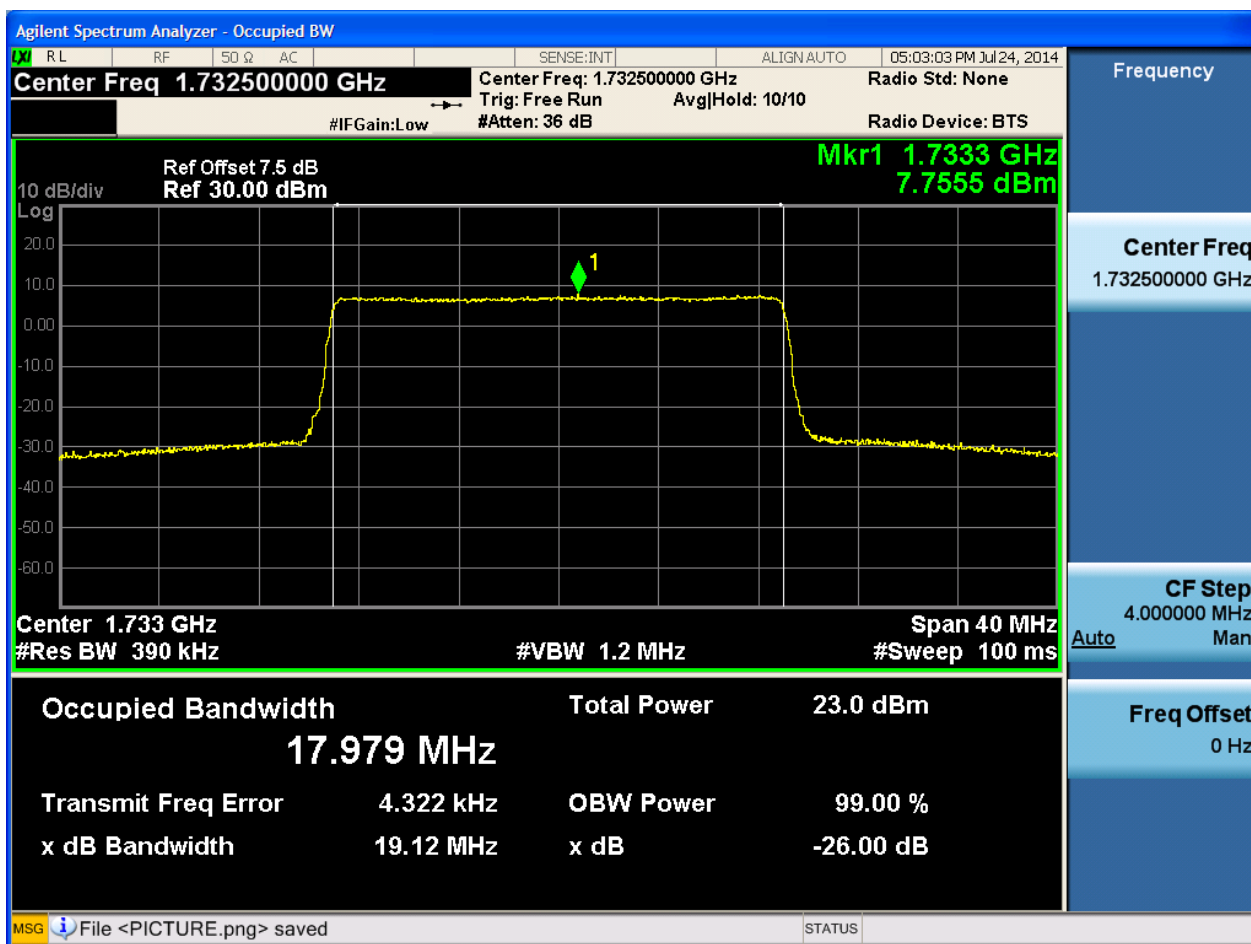
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

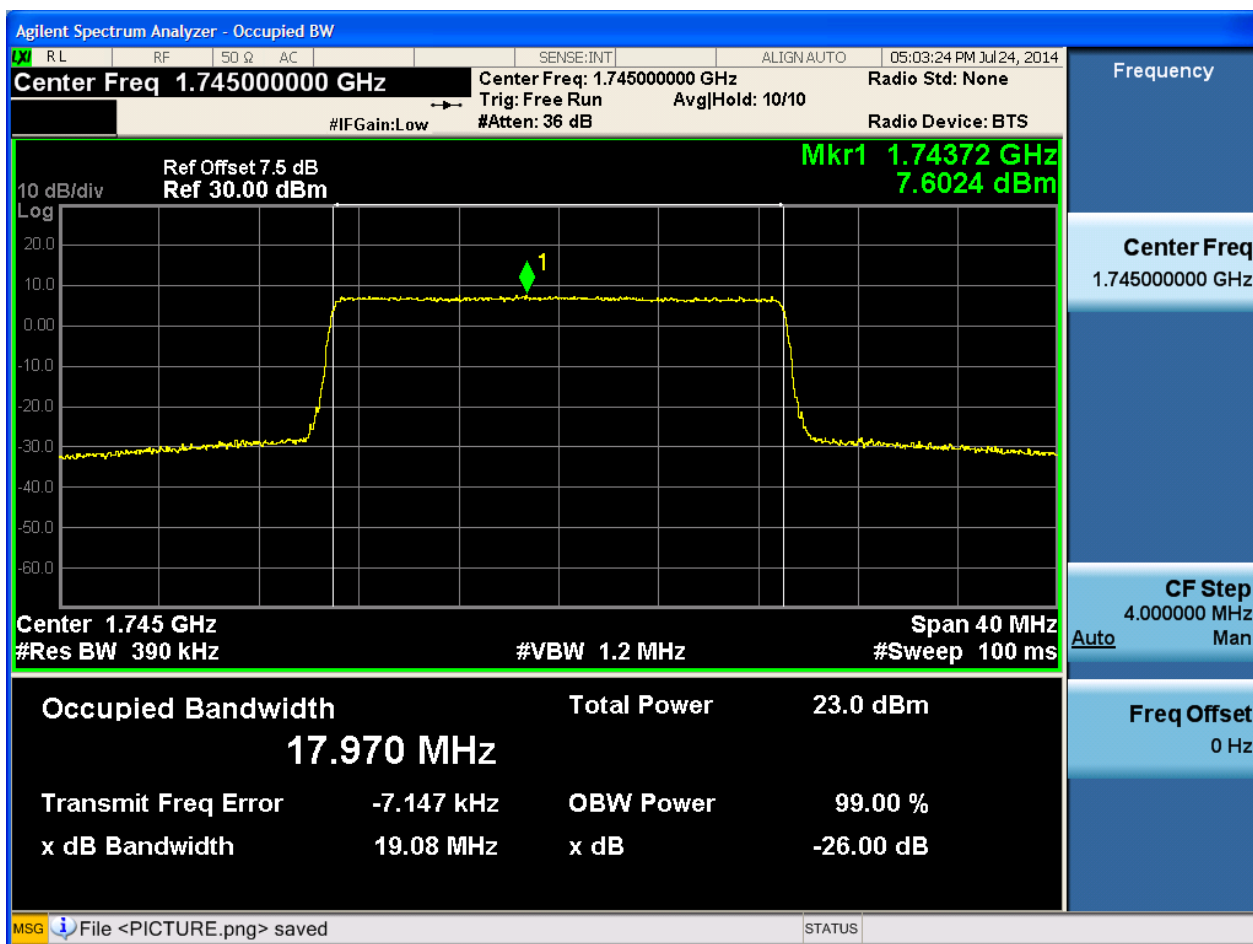
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

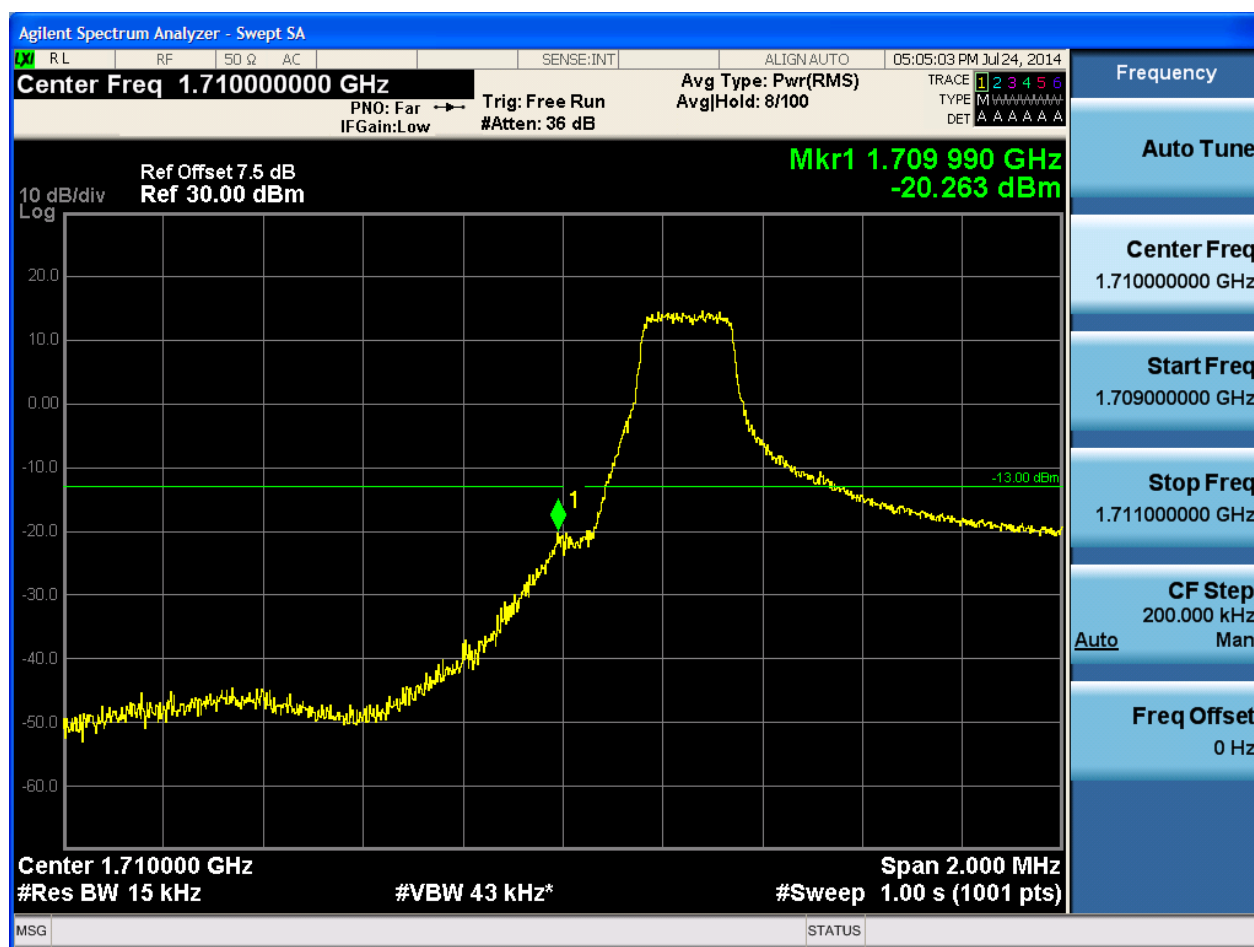
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

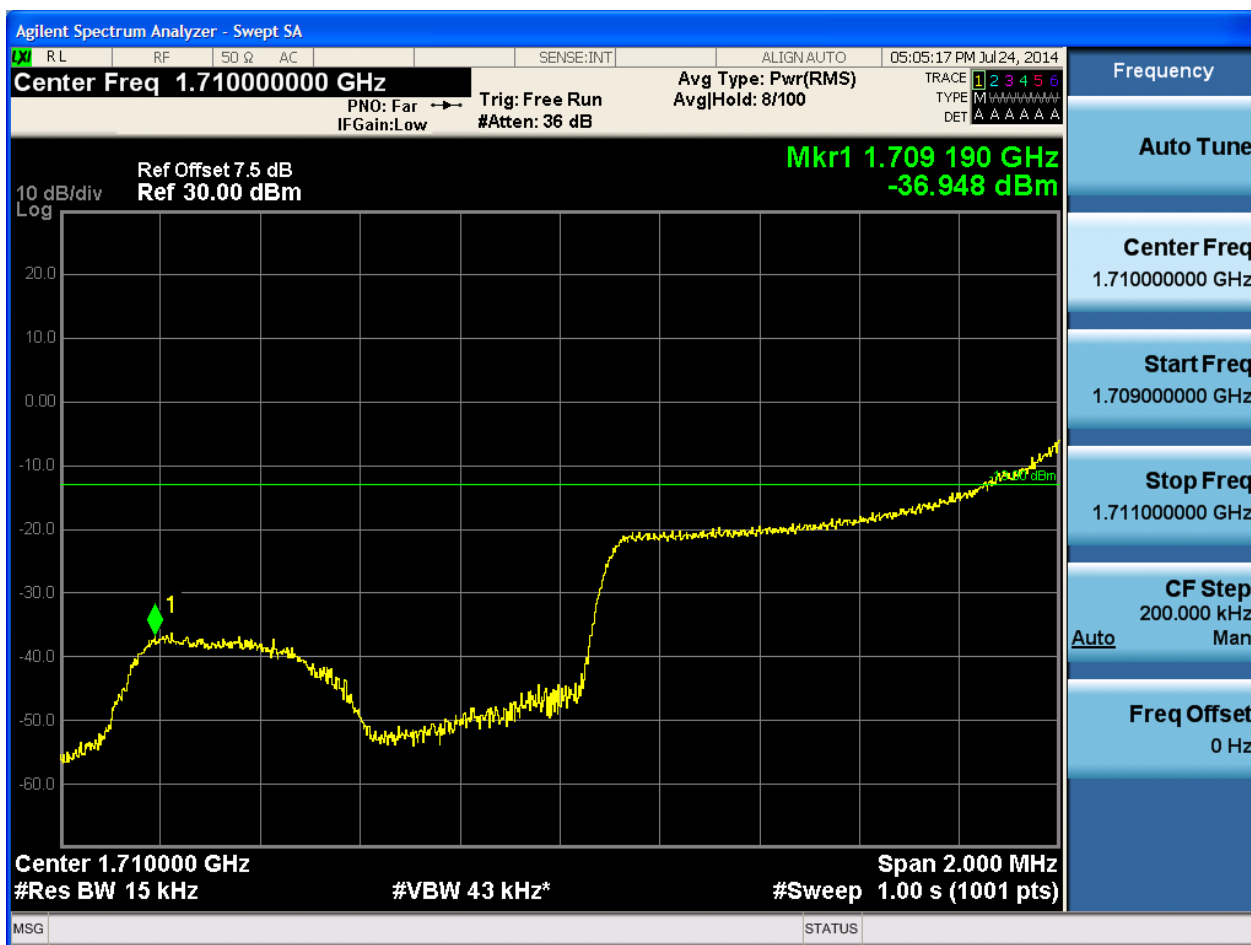
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5



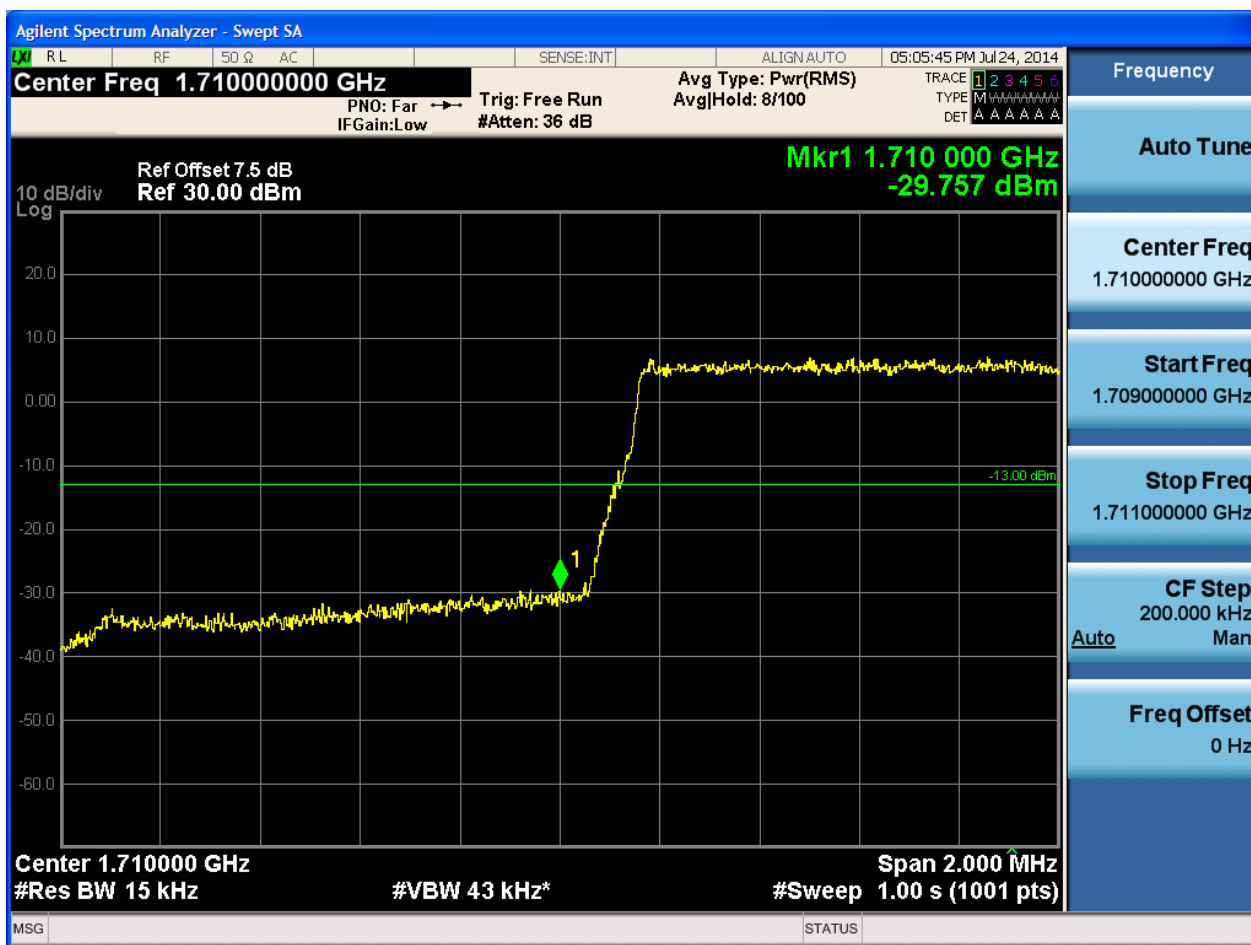


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





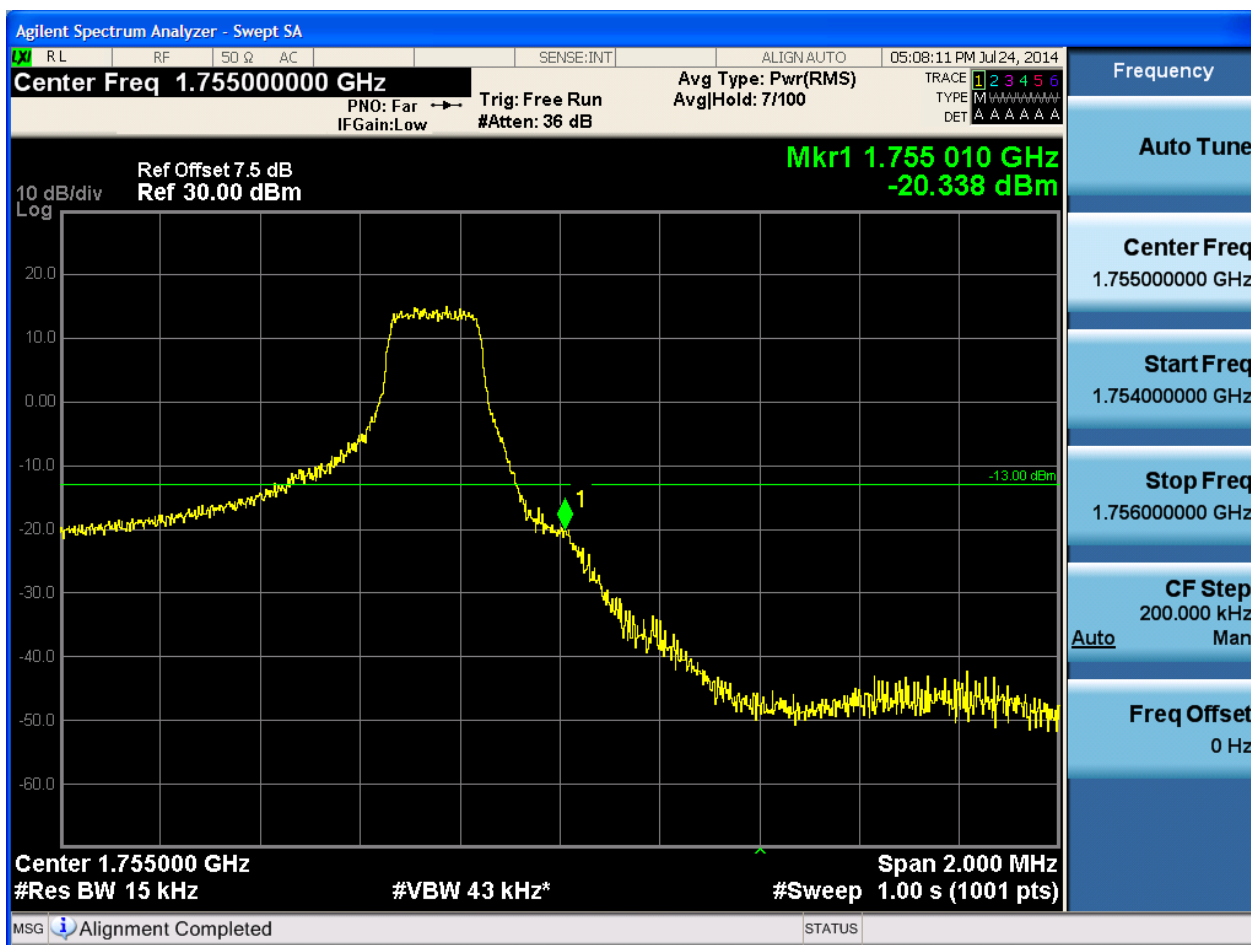
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



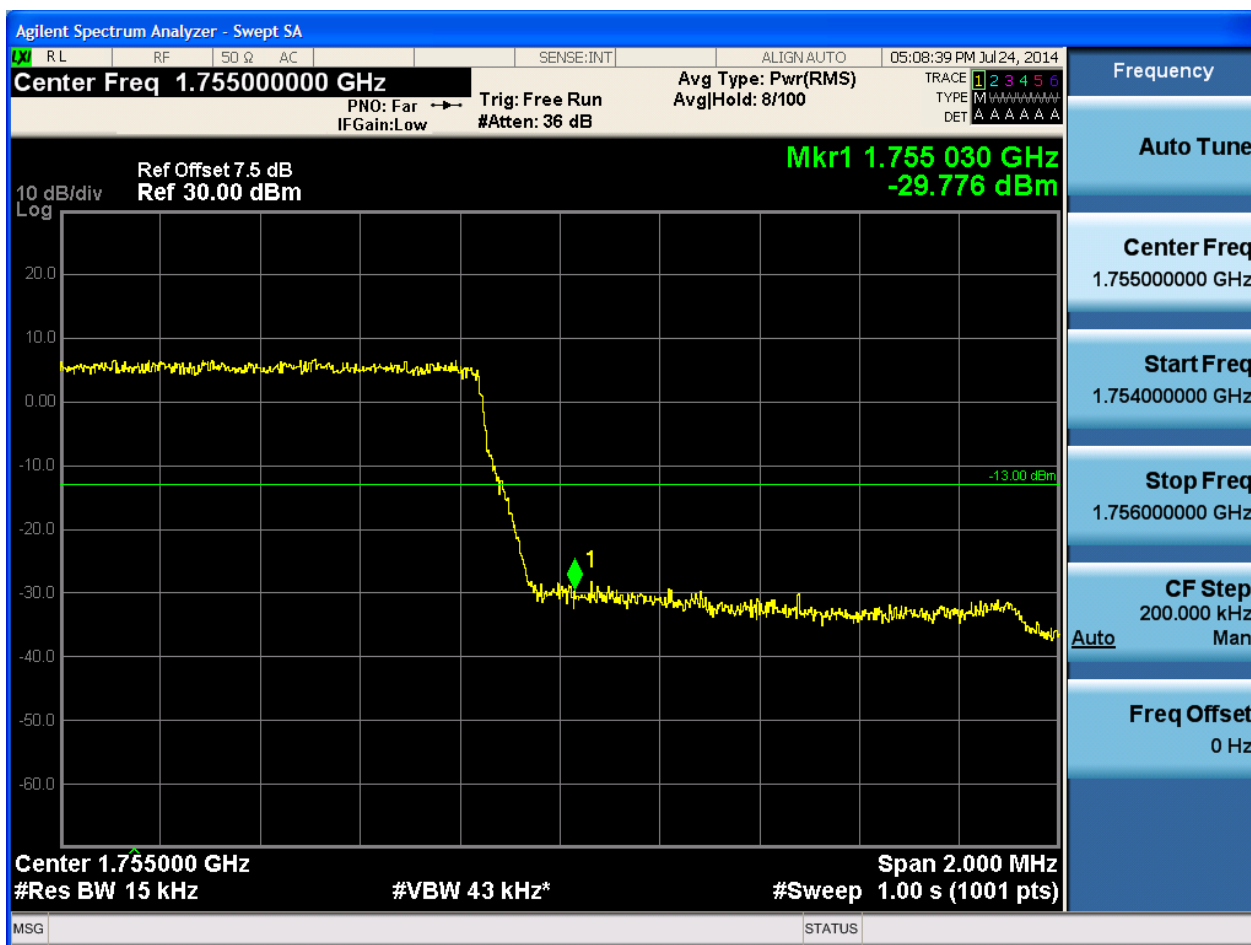


5.1.1.1.1.2.3 Test RB = RB3#2





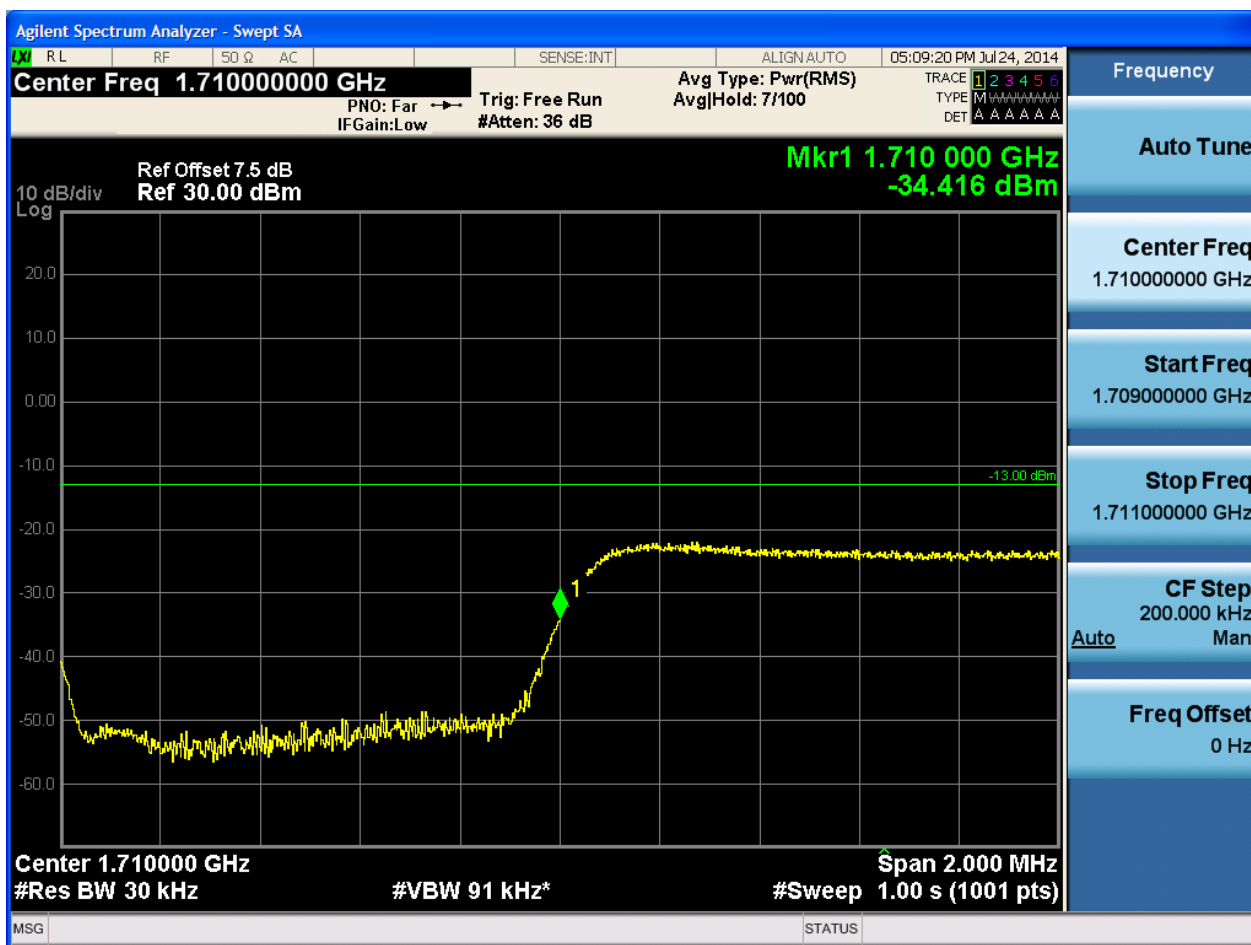
5.1.1.1.2.4 Test RB = RB6#0





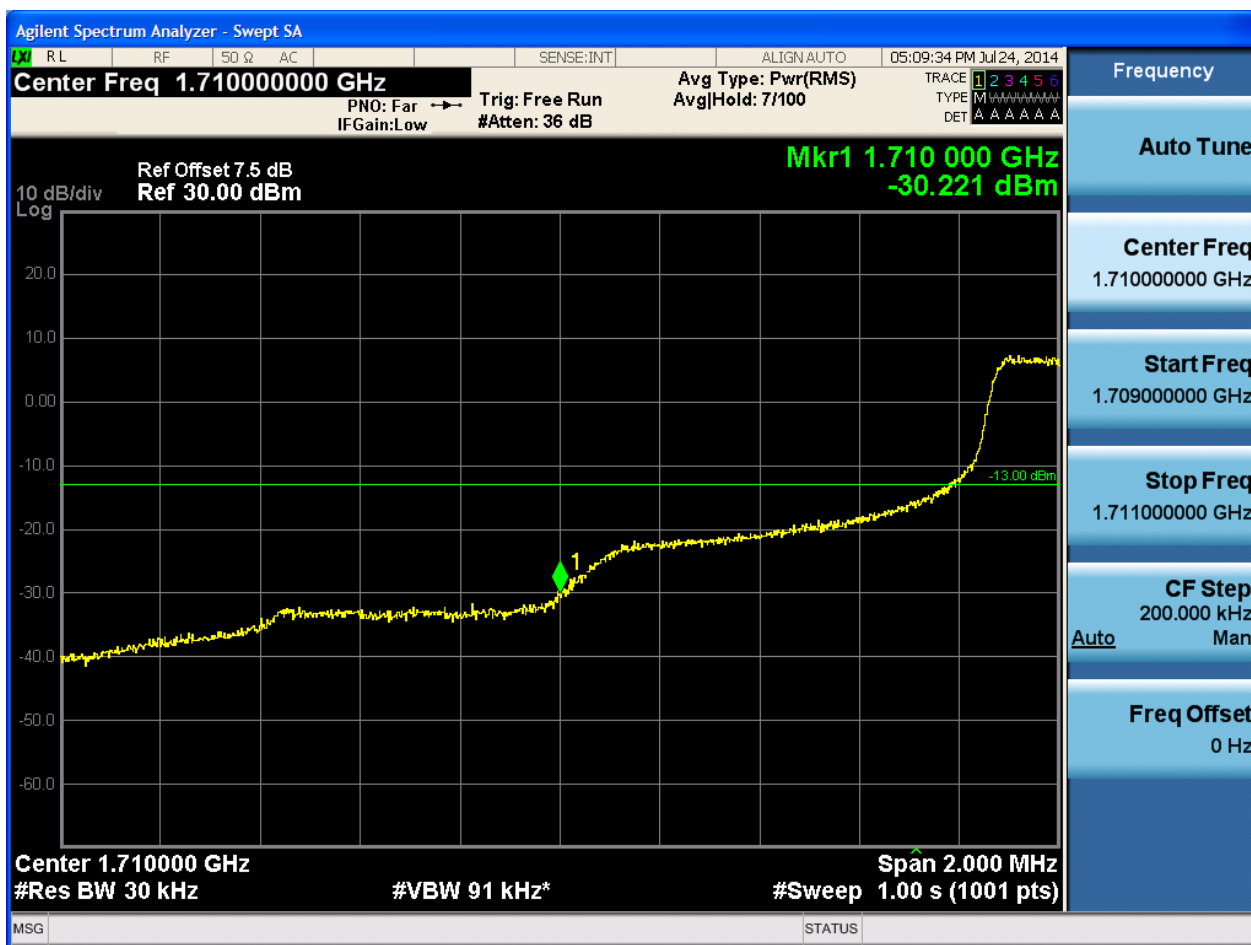


5.1.1.1.2.1.2 Test RB = RB1#14



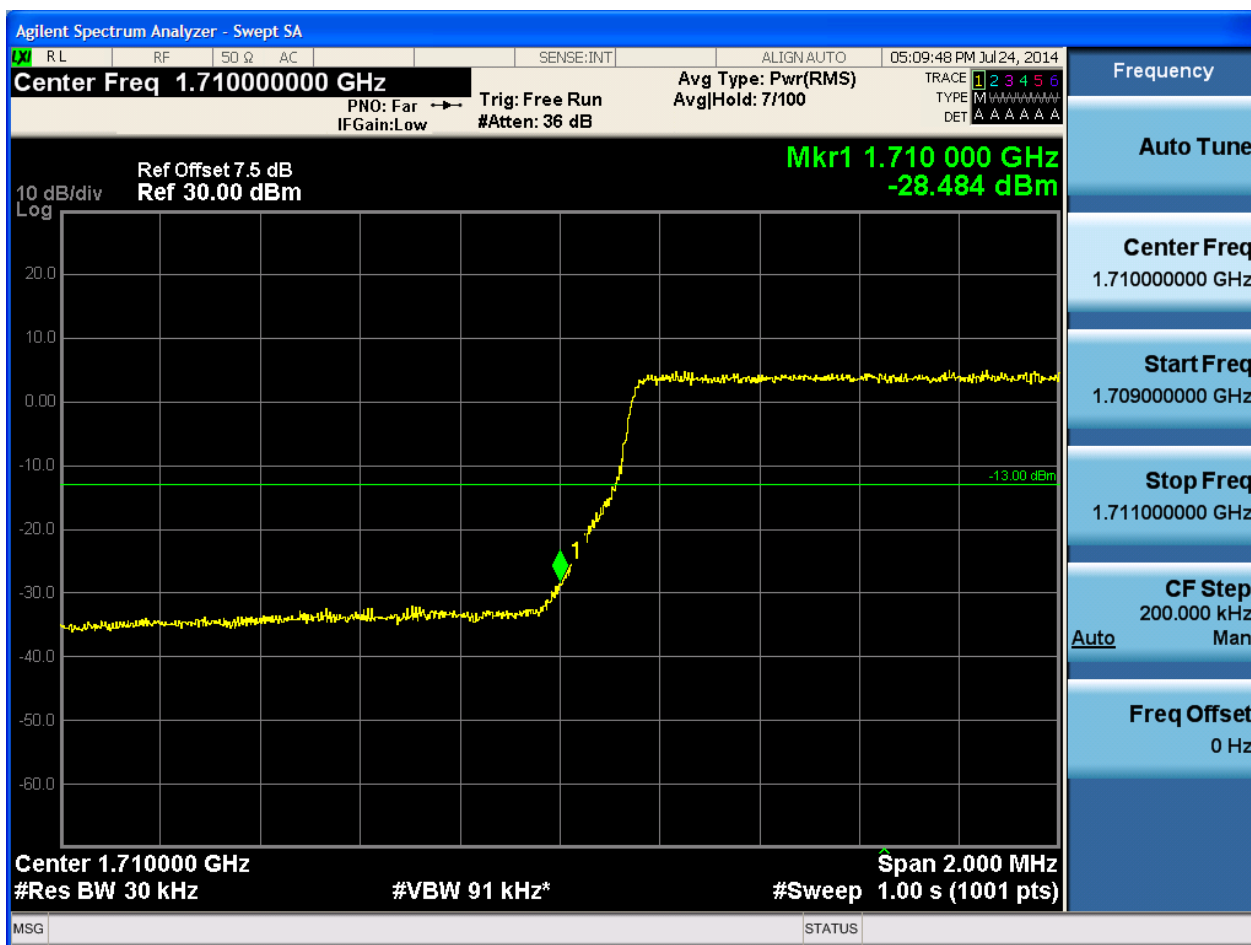


5.1.1.1.2.1.3 Test RB = RB8#4





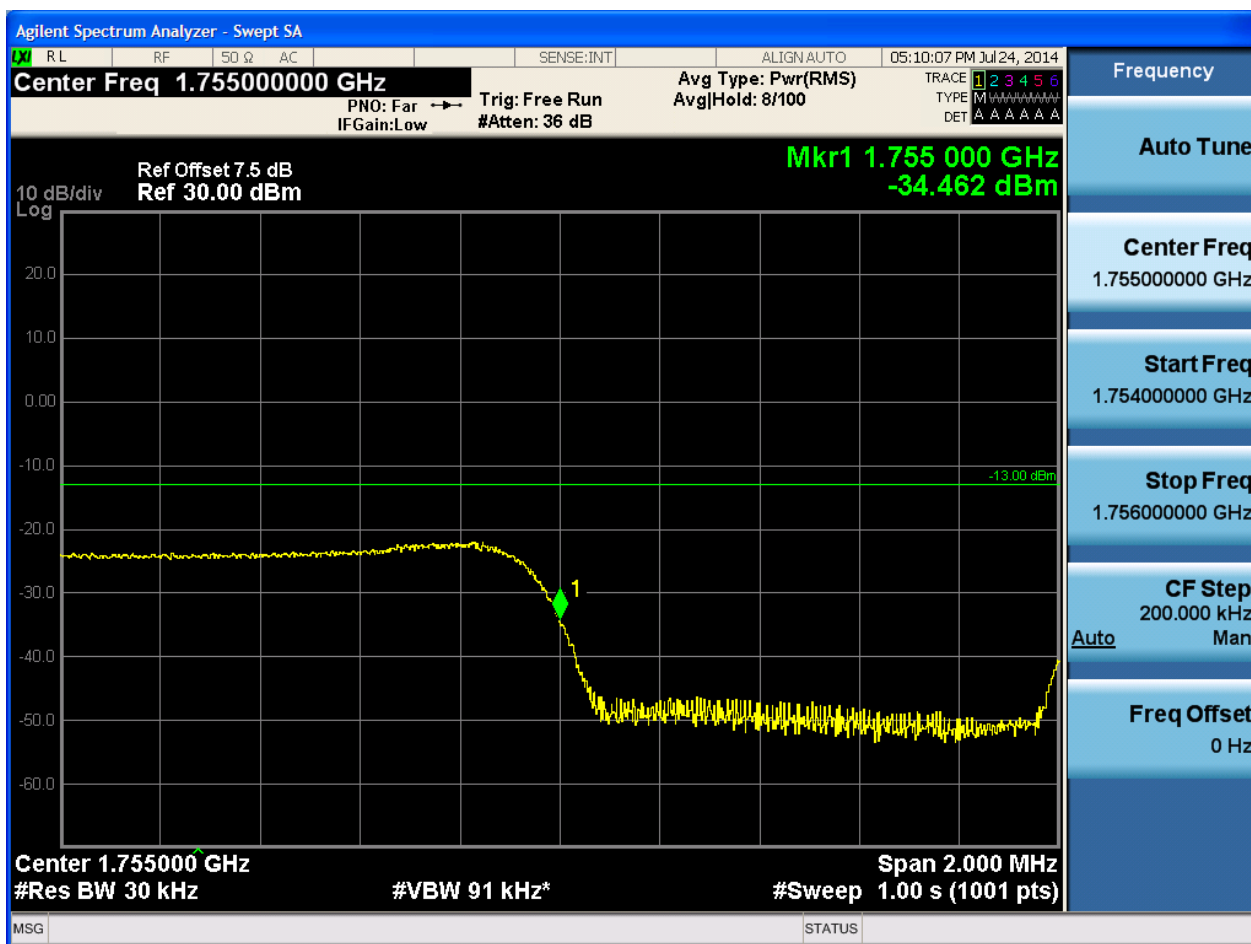
5.1.1.1.2.1.4 Test RB = RB15#0





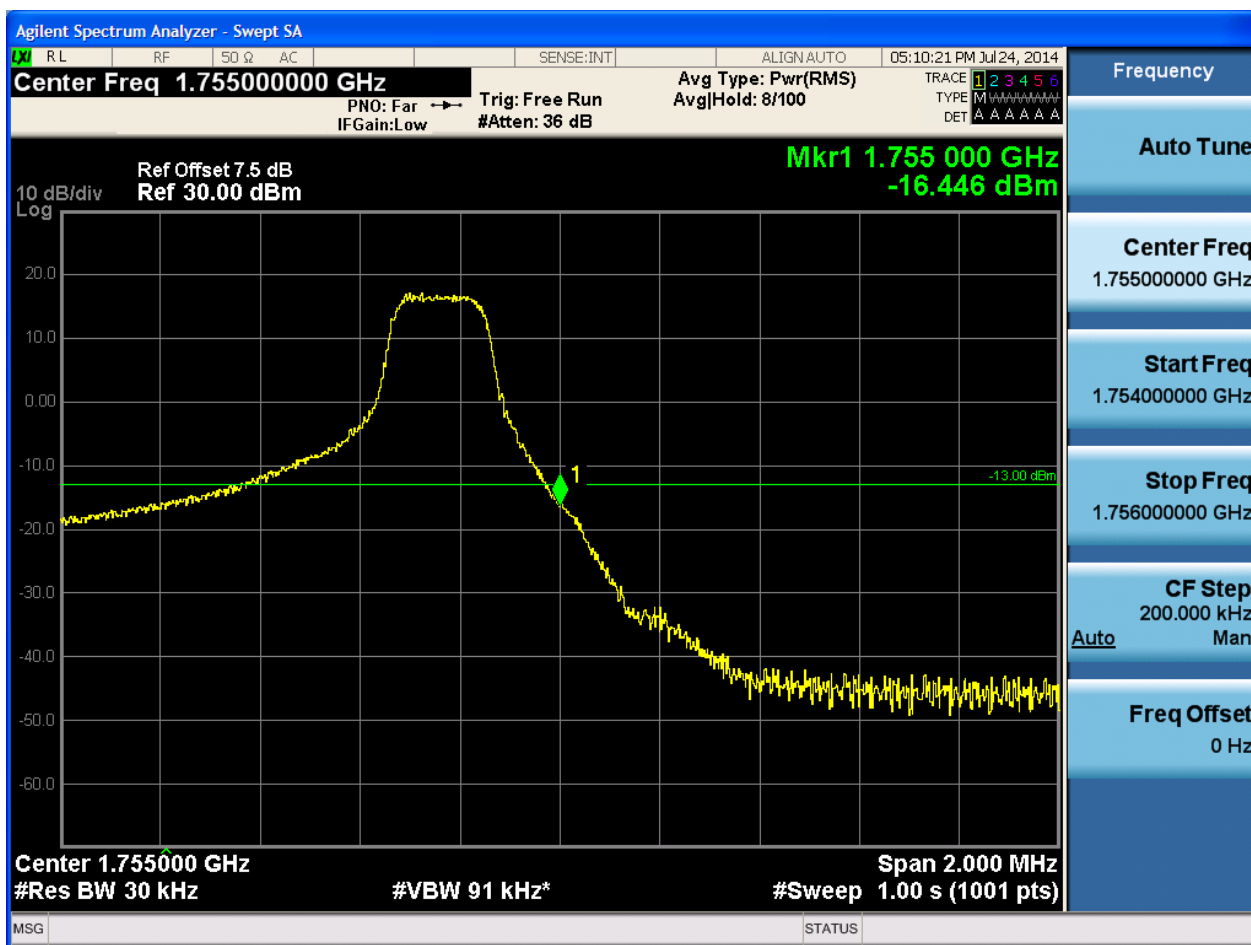
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



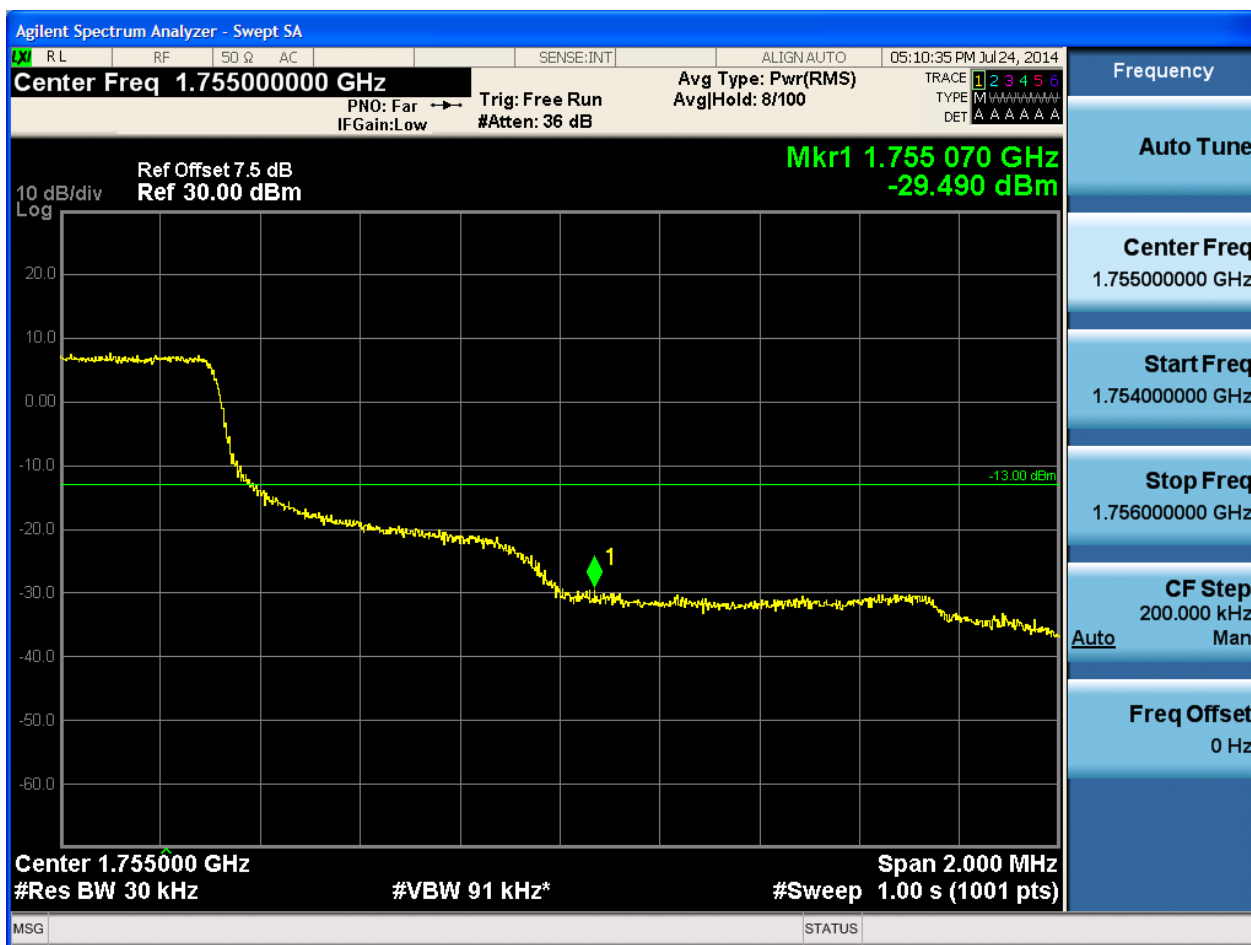


5.1.1.1.2.2.2 Test RB = RB1#14



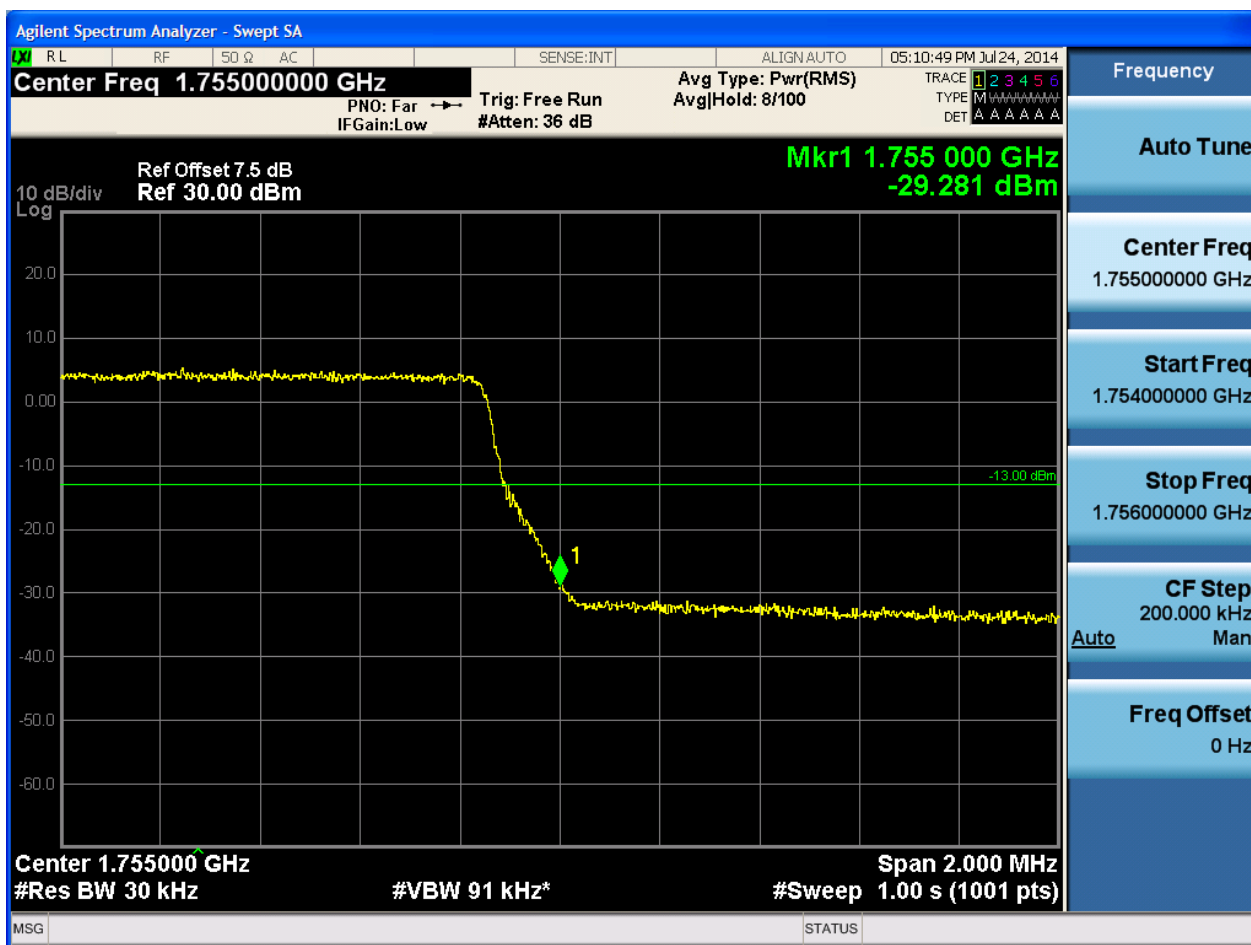


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

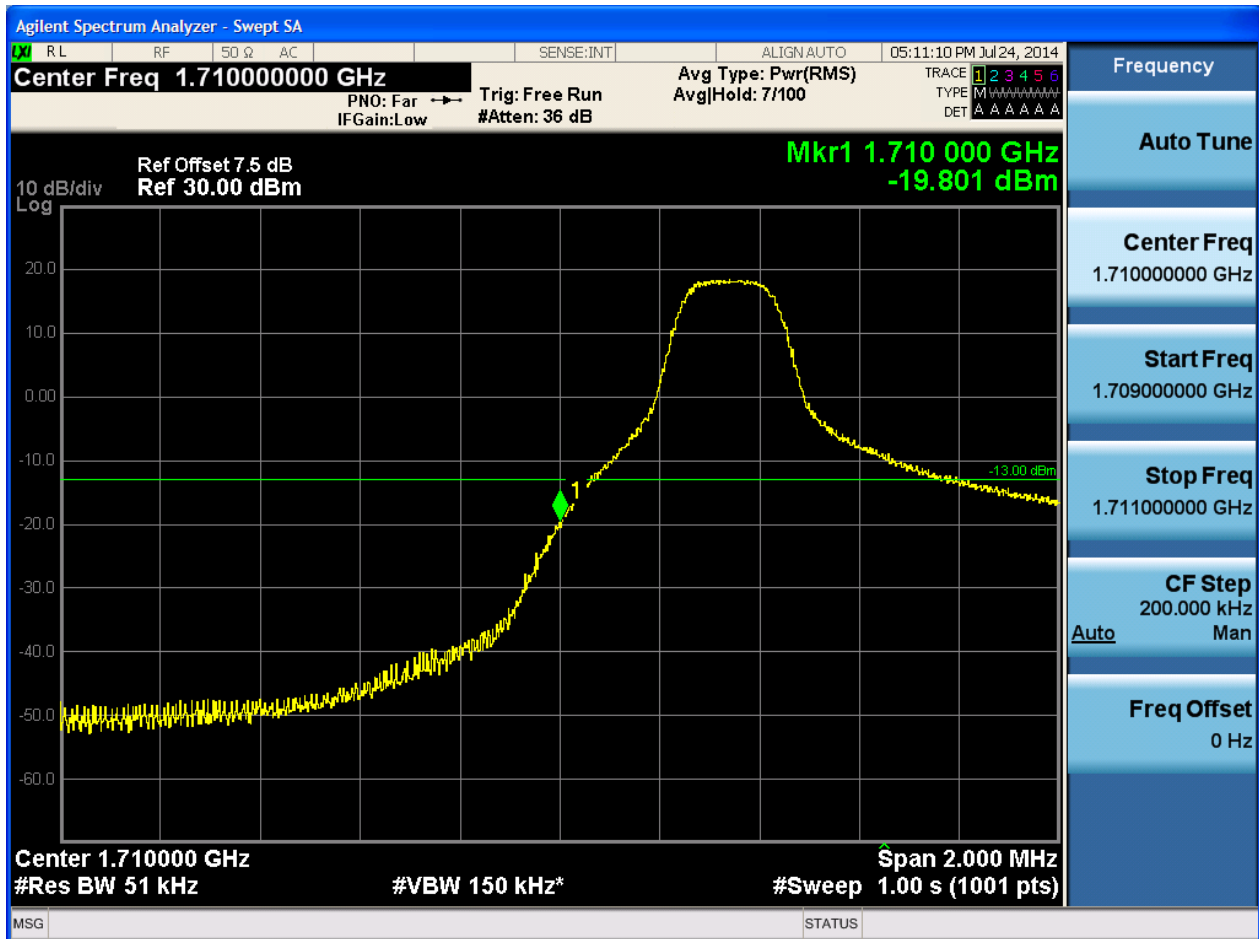




5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.710000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.710 000 GHz
-38.031 dBm

10 dB/div
Log

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

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.710000000 GHz

Start Freq
1.709000000 GHz

Stop Freq
1.711000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



5.1.1.1.3.1.3 Test RB = RB12#6





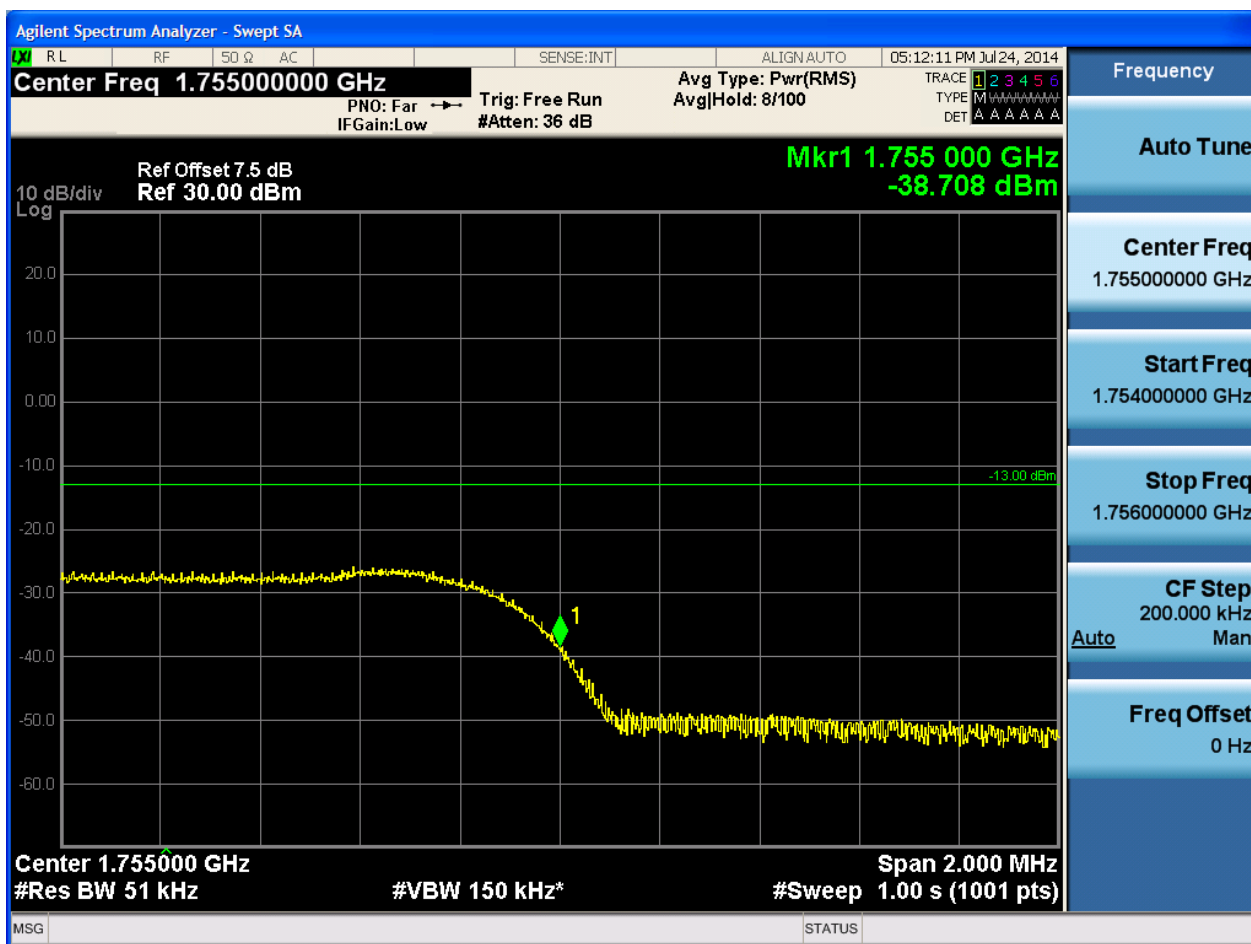
5.1.1.1.3.1.4 Test RB = RB25#0





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 1.755000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-18.980 dBm

10 dB/div
Log

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

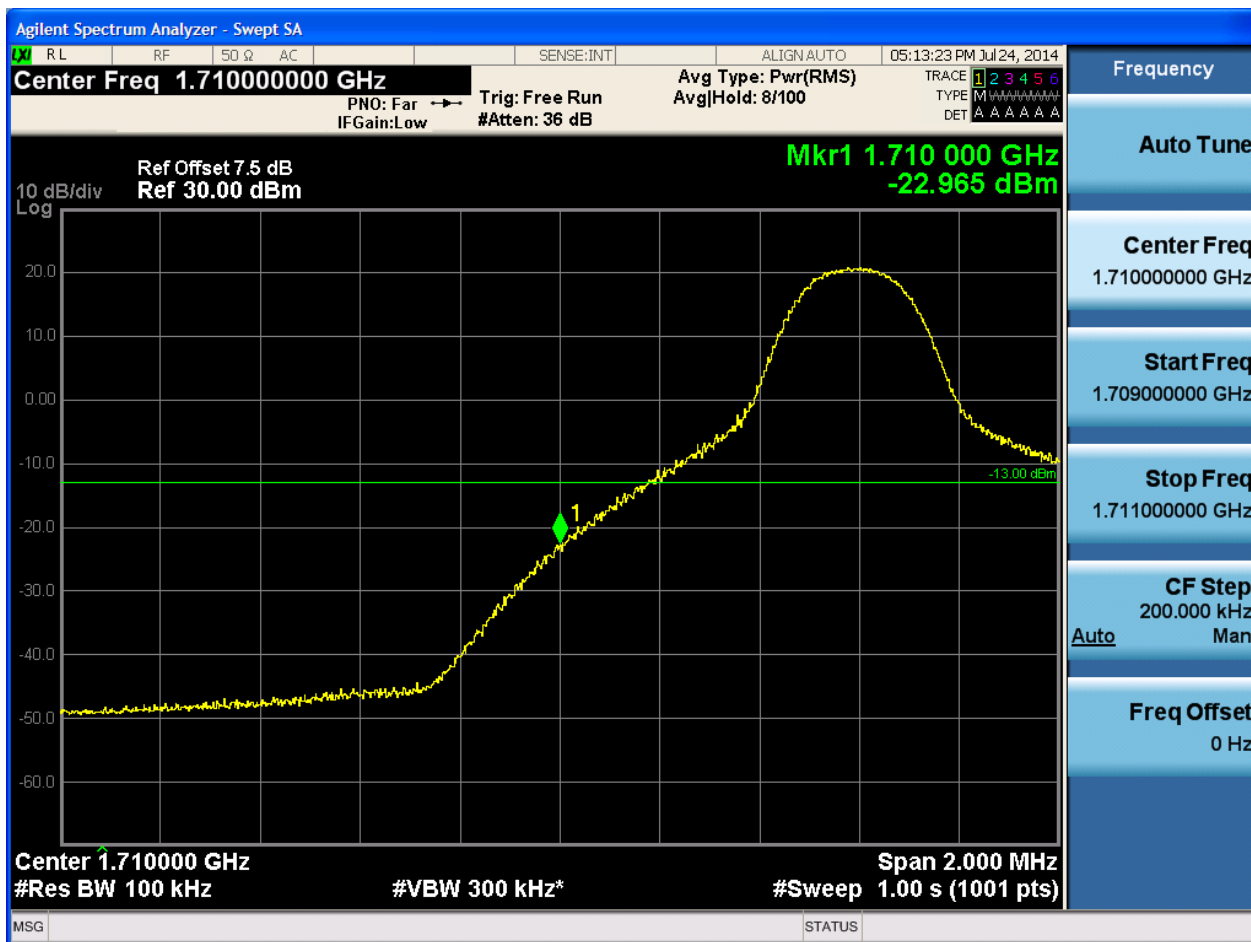




5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.71000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.710 000 GHz
-40.706 dBm

Center 1.710000 GHz
#Res BW 100 kHz
#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.71000000 GHz

Start Freq
1.709000000 GHz

Stop Freq
1.711000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz