



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	22.7	23.38	33	PASS
				RB1#3	22.67	23.35	33	PASS
				RB1#5	22.73	23.41	33	PASS
				RB3#0	22.69	23.37	33	PASS
				RB3#2	22.73	23.41	33	PASS
				RB3#3	22.72	23.4	33	PASS
				RB6#0	21.78	22.46	33	PASS
			MCH	RB1#0	22.51	23.19	33	PASS
				RB1#3	22.42	23.1	33	PASS
				RB1#5	22.49	23.17	33	PASS
				RB3#0	22.49	23.17	33	PASS
				RB3#2	22.48	23.16	33	PASS
				RB3#3	22.51	23.19	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.49	22.17	33	PASS
			HCH	RB1#0	22.7	23.38	33	PASS
				RB1#3	22.64	23.32	33	PASS
				RB1#5	22.74	23.42	33	PASS
				RB3#0	22.72	23.4	33	PASS
				RB3#2	22.69	23.37	33	PASS
				RB3#3	22.69	23.37	33	PASS
				RB6#0	21.76	22.44	33	PASS
		3	LCH	RB1#0	22.71	23.39	33	PASS
				RB1#7	22.6	23.28	33	PASS
				RB1#14	22.74	23.42	33	PASS
				RB8#0	21.78	22.46	33	PASS
				RB8#4	21.63	22.31	33	PASS
				RB8#7	21.65	22.33	33	PASS
				RB15#0	21.69	22.37	33	PASS
			MCH	RB1#0	22.54	23.22	33	PASS
				RB1#7	22.52	23.2	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.57	23.25	33	PASS
				RB8#0	21.51	22.19	33	PASS
				RB8#4	21.45	22.13	33	PASS
				RB8#7	21.51	22.19	33	PASS
				RB15#0	21.54	22.22	33	PASS
			HCH	RB1#0	22.78	23.46	33	PASS
				RB1#7	22.67	23.35	33	PASS
				RB1#14	22.69	23.37	33	PASS
				RB8#0	21.79	22.47	33	PASS
				RB8#4	21.71	22.39	33	PASS
				RB8#7	21.73	22.41	33	PASS
				RB15#0	21.76	22.44	33	PASS
		5	LCH	RB1#0	22.7	23.38	33	PASS
				RB1#13	22.6	23.28	33	PASS
				RB1#24	22.7	23.38	33	PASS
				RB12#0	21.81	22.49	33	PASS
				RB12#6	21.82	22.5	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.83	22.51	33	PASS
				RB25#0	21.78	22.46	33	PASS
			MCH	RB1#0	22.47	23.15	33	PASS
				RB1#13	22.45	23.13	33	PASS
				RB1#24	22.5	23.18	33	PASS
				RB12#0	21.53	22.21	33	PASS
				RB12#6	21.52	22.2	33	PASS
				RB12#13	21.56	22.24	33	PASS
				RB25#0	21.55	22.23	33	PASS
			HCH	RB1#0	22.6	23.28	33	PASS
				RB1#13	22.63	23.31	33	PASS
				RB1#24	22.66	23.34	33	PASS
				RB12#0	21.79	22.47	33	PASS
				RB12#6	21.76	22.44	33	PASS
				RB12#13	21.78	22.46	33	PASS
				RB25#0	21.75	22.43	33	PASS
		10	LCH	RB1#0	22.72	23.4	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.67	23.35	33	PASS
				RB1#49	22.67	23.35	33	PASS
				RB25#0	21.77	22.45	33	PASS
				RB25#13	21.77	22.45	33	PASS
				RB25#25	21.64	22.32	33	PASS
				RB50#0	21.76	22.44	33	PASS
			MCH	RB1#0	22.6	23.28	33	PASS
				RB1#25	22.54	23.22	33	PASS
				RB1#49	22.51	23.19	33	PASS
				RB25#0	21.55	22.23	33	PASS
				RB25#13	21.55	22.23	33	PASS
				RB25#25	21.56	22.24	33	PASS
				RB50#0	21.56	22.24	33	PASS
			HCH	RB1#0	22.6	23.28	33	PASS
				RB1#25	22.55	23.23	33	PASS
				RB1#49	22.65	23.33	33	PASS
				RB25#0	21.69	22.37	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.67	22.35	33	PASS
				RB25#25	21.73	22.41	33	PASS
				RB50#0	21.67	22.35	33	PASS
		15	LCH	RB1#0	22.72	23.4	33	PASS
				RB1#38	22.63	23.31	33	PASS
				RB1#74	22.59	23.27	33	PASS
				RB38#0	21.73	22.41	33	PASS
				RB38#19	21.6	22.28	33	PASS
				RB38#39	21.59	22.27	33	PASS
				RB75#0	21.69	22.37	33	PASS
			MCH	RB1#0	22.61	23.29	33	PASS
				RB1#38	22.52	23.2	33	PASS
				RB1#74	22.51	23.19	33	PASS
				RB38#0	21.59	22.27	33	PASS
				RB38#19	21.54	22.22	33	PASS
				RB38#39	21.49	22.17	33	PASS
				RB75#0	21.61	22.29	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.46	23.14	33	PASS
				RB1#38	22.59	23.27	33	PASS
				RB1#74	22.64	23.32	33	PASS
				RB38#0	21.72	22.4	33	PASS
				RB38#19	21.73	22.41	33	PASS
				RB38#39	21.85	22.53	33	PASS
				RB75#0	21.77	22.45	33	PASS
		20	LCH	RB1#0	22.6	23.28	33	PASS
				RB1#50	22.53	23.21	33	PASS
				RB1#99	22.43	23.11	33	PASS
				RB50#0	21.81	22.49	33	PASS
				RB50#25	21.62	22.3	33	PASS
				RB50#50	21.64	22.32	33	PASS
				RB100#0	21.7	22.38	33	PASS
			MCH	RB1#0	22.51	23.19	33	PASS
				RB1#50	22.38	23.06	33	PASS
				RB1#99	22.41	23.09	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.53	22.21	33	PASS
				RB50#25	21.55	22.23	33	PASS
				RB50#50	21.5	22.18	33	PASS
				RB100#0	21.54	22.22	33	PASS
			HCH	RB1#0	22.32	23	33	PASS
				RB1#50	22.48	23.16	33	PASS
				RB1#99	22.58	23.26	33	PASS
				RB50#0	21.51	22.19	33	PASS
				RB50#25	21.67	22.35	33	PASS
				RB50#50	21.68	22.36	33	PASS
				RB100#0	21.67	22.35	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.75	22.43	33	PASS
				RB1#3	21.73	22.41	33	PASS
				RB1#5	21.79	22.47	33	PASS
				RB3#0	21.79	22.47	33	PASS
				RB3#2	21.72	22.4	33	PASS
				RB3#3	21.84	22.52	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.83	21.51	33	PASS
			MCH	RB1#0	21.51	22.19	33	PASS
				RB1#3	21.36	22.04	33	PASS
				RB1#5	21.54	22.22	33	PASS
				RB3#0	21.51	22.19	33	PASS
				RB3#2	21.49	22.17	33	PASS
				RB3#3	21.54	22.22	33	PASS
				RB6#0	20.48	21.16	33	PASS
			HCH	RB1#0	21.54	22.22	33	PASS
				RB1#3	21.57	22.25	33	PASS
				RB1#5	21.61	22.29	33	PASS
				RB3#0	21.69	22.37	33	PASS
				RB3#2	21.63	22.31	33	PASS
				RB3#3	21.66	22.34	33	PASS
				RB6#0	20.68	21.36	33	PASS
		3	LCH	RB1#0	21.91	22.59	33	PASS
				RB1#7	21.71	22.39	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.82	22.5	33	PASS
				RB8#0	20.67	21.35	33	PASS
				RB8#4	20.62	21.3	33	PASS
				RB8#7	20.58	21.26	33	PASS
				RB15#0	20.66	21.34	33	PASS
			MCH	RB1#0	21.58	22.26	33	PASS
				RB1#7	21.58	22.26	33	PASS
				RB1#14	21.59	22.27	33	PASS
				RB8#0	20.46	21.14	33	PASS
				RB8#4	20.45	21.13	33	PASS
				RB8#7	20.48	21.16	33	PASS
				RB15#0	20.56	21.24	33	PASS
			HCH	RB1#0	21.69	22.37	33	PASS
				RB1#7	21.59	22.27	33	PASS
				RB1#14	21.62	22.3	33	PASS
				RB8#0	20.77	21.45	33	PASS
				RB8#4	20.71	21.39	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.7	21.38	33	PASS
				RB15#0	20.81	21.49	33	PASS
		5	LCH	RB1#0	21.69	22.37	33	PASS
				RB1#13	21.55	22.23	33	PASS
				RB1#24	21.61	22.29	33	PASS
				RB12#0	20.85	21.53	33	PASS
				RB12#6	20.79	21.47	33	PASS
				RB12#13	20.88	21.56	33	PASS
				RB25#0	20.78	21.46	33	PASS
			MCH	RB1#0	21.45	22.13	33	PASS
				RB1#13	21.34	22.02	33	PASS
				RB1#24	21.42	22.1	33	PASS
				RB12#0	20.62	21.3	33	PASS
				RB12#6	20.62	21.3	33	PASS
				RB12#13	20.64	21.32	33	PASS
				RB25#0	20.53	21.21	33	PASS
			HCH	RB1#0	21.87	22.55	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.91	22.59	33	PASS
				RB1#24	21.95	22.63	33	PASS
				RB12#0	20.73	21.41	33	PASS
				RB12#6	20.72	21.4	33	PASS
				RB12#13	20.72	21.4	33	PASS
				RB25#0	20.81	21.49	33	PASS
		10	LCH	RB1#0	21.87	22.55	33	PASS
				RB1#25	21.79	22.47	33	PASS
				RB1#49	21.65	22.33	33	PASS
				RB25#0	20.73	21.41	33	PASS
				RB25#13	20.71	21.39	33	PASS
				RB25#25	20.67	21.35	33	PASS
				RB50#0	20.78	21.46	33	PASS
			MCH	RB1#0	21.62	22.3	33	PASS
				RB1#25	21.53	22.21	33	PASS
				RB1#49	21.58	22.26	33	PASS
				RB25#0	20.55	21.23	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.56	21.24	33	PASS
				RB25#25	20.58	21.26	33	PASS
				RB50#0	20.59	21.27	33	PASS
			HCH	RB1#0	21.52	22.2	33	PASS
				RB1#25	21.51	22.19	33	PASS
				RB1#49	21.62	22.3	33	PASS
				RB25#0	20.75	21.43	33	PASS
				RB25#13	20.66	21.34	33	PASS
				RB25#25	20.8	21.48	33	PASS
				RB50#0	20.72	21.4	33	PASS
		15	LCH	RB1#0	21.84	22.52	33	PASS
				RB1#38	21.68	22.36	33	PASS
				RB1#74	21.72	22.4	33	PASS
				RB38#0	20.71	21.39	33	PASS
				RB38#19	20.66	21.34	33	PASS
				RB38#39	20.71	21.39	33	PASS
				RB75#0	20.75	21.43	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.59	22.27	33	PASS
				RB1#38	21.57	22.25	33	PASS
				RB1#74	21.72	22.4	33	PASS
				RB38#0	20.63	21.31	33	PASS
				RB38#19	20.59	21.27	33	PASS
				RB38#39	20.58	21.26	33	PASS
				RB75#0	20.65	21.33	33	PASS
			HCH	RB1#0	21.64	22.32	33	PASS
				RB1#38	21.78	22.46	33	PASS
				RB1#74	21.87	22.55	33	PASS
				RB38#0	20.71	21.39	33	PASS
				RB38#19	20.66	21.34	33	PASS
				RB38#39	20.75	21.43	33	PASS
				RB75#0	20.74	21.42	33	PASS
		20	LCH	RB1#0	22.11	22.79	33	PASS
				RB1#50	21.77	22.45	33	PASS
				RB1#99	21.76	22.44	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.8	21.48	33	PASS
				RB50#25	20.73	21.41	33	PASS
				RB50#50	20.68	21.36	33	PASS
				RB100#0	20.73	21.41	33	PASS
			MCH	RB1#0	21.93	22.61	33	PASS
				RB1#50	21.72	22.4	33	PASS
				RB1#99	21.75	22.43	33	PASS
				RB50#0	20.64	21.32	33	PASS
				RB50#25	20.6	21.28	33	PASS
				RB50#50	20.58	21.26	33	PASS
				RB100#0	20.62	21.3	33	PASS
			HCH	RB1#0	21.63	22.31	33	PASS
				RB1#50	21.85	22.53	33	PASS
				RB1#99	21.97	22.65	33	PASS
				RB50#0	20.56	21.24	33	PASS
				RB50#25	20.72	21.4	33	PASS
				RB50#50	20.75	21.43	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.78	21.46	33	PASS
BAND13	LTE/TM1	5	LCH	RB1#0	23.43	22.3	34.8	PASS
				RB1#13	23.51	22.38	34.8	PASS
				RB1#24	23.59	22.46	34.8	PASS
				RB12#0	22.48	21.35	34.8	PASS
				RB12#6	22.33	21.2	34.8	PASS
				RB12#13	22.41	21.28	34.8	PASS
				RB25#0	22.42	21.29	34.8	PASS
			MCH	RB1#0	23.49	22.36	34.8	PASS
				RB1#13	23.48	22.35	34.8	PASS
				RB1#24	23.41	22.28	34.8	PASS
				RB12#0	22.4	21.27	34.8	PASS
				RB12#6	22.45	21.32	34.8	PASS
				RB12#13	22.39	21.26	34.8	PASS
				RB25#0	22.43	21.3	34.8	PASS
			HCH	RB1#0	23.4	22.27	34.8	PASS
				RB1#13	23.21	22.08	34.8	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#24	23.14	22.01	34.8	PASS
				RB12#0	22.42	21.29	34.8	PASS
				RB12#6	22.42	21.29	34.8	PASS
				RB12#13	22.38	21.25	34.8	PASS
				RB25#0	22.4	21.27	34.8	PASS
		10	LCH	RB1#0	23.49	22.36	34.8	PASS
				RB1#25	23.58	22.45	34.8	PASS
				RB1#49	23.27	22.14	34.8	PASS
				RB25#0	22.39	21.26	34.8	PASS
				RB25#13	22.45	21.32	34.8	PASS
				RB25#25	22.45	21.32	34.8	PASS
				RB50#0	22.51	21.38	34.8	PASS
			MCH	RB1#0	23.52	22.39	34.8	PASS
				RB1#25	23.57	22.44	34.8	PASS
				RB1#49	23.33	22.2	34.8	PASS
				RB25#0	22.37	21.24	34.8	PASS
				RB25#13	22.49	21.36	34.8	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.46	21.33	34.8	PASS
				RB50#0	22.48	21.35	34.8	PASS
			HCH	RB1#0	23.5	22.37	34.8	PASS
				RB1#25	23.55	22.42	34.8	PASS
				RB1#49	23.31	22.18	34.8	PASS
				RB25#0	22.42	21.29	34.8	PASS
				RB25#13	22.47	21.34	34.8	PASS
				RB25#25	22.45	21.32	34.8	PASS
				RB50#0	22.49	21.36	34.8	PASS
	LTE/TM2	5	LCH	RB1#0	22.33	21.2	34.8	PASS
				RB1#13	22.42	21.29	34.8	PASS
				RB1#24	22.44	21.31	34.8	PASS
				RB12#0	21.57	20.44	34.8	PASS
				RB12#6	21.46	20.33	34.8	PASS
				RB12#13	21.58	20.45	34.8	PASS
				RB25#0	21.46	20.33	34.8	PASS
			MCH	RB1#0	22.49	21.36	34.8	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.46	21.33	34.8	PASS
				RB1#24	22.36	21.23	34.8	PASS
				RB12#0	21.56	20.43	34.8	PASS
				RB12#6	21.68	20.55	34.8	PASS
				RB12#13	21.56	20.43	34.8	PASS
				RB25#0	21.51	20.38	34.8	PASS
			HCH	RB1#0	22.69	21.56	34.8	PASS
				RB1#13	22.54	21.41	34.8	PASS
				RB1#24	22.42	21.29	34.8	PASS
				RB12#0	21.38	20.25	34.8	PASS
				RB12#6	21.4	20.27	34.8	PASS
				RB12#13	21.36	20.23	34.8	PASS
				RB25#0	21.43	20.3	34.8	PASS
		10	LCH	RB1#0	22.54	21.41	34.8	PASS
				RB1#25	22.64	21.51	34.8	PASS
				RB1#49	22.32	21.19	34.8	PASS
				RB25#0	21.44	20.31	34.8	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.5	20.37	34.8	PASS
				RB25#25	21.4	20.27	34.8	PASS
				RB50#0	21.51	20.38	34.8	PASS
			MCH	RB1#0	22.48	21.35	34.8	PASS
				RB1#25	22.58	21.45	34.8	PASS
				RB1#49	22.3	21.17	34.8	PASS
				RB25#0	21.4	20.27	34.8	PASS
				RB25#13	21.49	20.36	34.8	PASS
				RB25#25	21.42	20.29	34.8	PASS
				RB50#0	21.5	20.37	34.8	PASS
			HCH	RB1#0	22.51	21.38	34.8	PASS
				RB1#25	22.57	21.44	34.8	PASS
				RB1#49	22.32	21.19	34.8	PASS
				RB25#0	21.44	20.31	34.8	PASS
				RB25#13	21.47	20.34	34.8	PASS
				RB25#25	21.44	20.31	34.8	PASS
				RB50#0	21.49	20.36	34.8	PASS



Note1:

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

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

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

b, SGP=Signal Generator Level

Note2: $\text{RBW} > \text{emission bandwidth}$, $\text{VBW} > 3 \times \text{RBW}$.

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	4.95	13	PASS
				RB1#3	4.81	13	PASS
				RB1#5	4.99	13	PASS
				RB3#0	5.93	13	PASS
				RB3#2	5.88	13	PASS
				RB3#3	5.88	13	PASS
				RB6#0	7.28	13	PASS
			MCH	RB1#0	5	13	PASS
				RB1#3	4.85	13	PASS
				RB1#5	5.03	13	PASS
				RB3#0	6.03	13	PASS
				RB3#2	6	13	PASS
				RB3#3	6.01	13	PASS
				RB6#0	7.24	13	PASS
			HCH	RB1#0	5.09	13	PASS
				RB1#3	4.92	13	PASS
				RB1#5	5.09	13	PASS
				RB3#0	6.11	13	PASS
				RB3#2	6.12	13	PASS
				RB3#3	6.09	13	PASS
			3	LCH	RB6#0	6.56	13
		RB1#0			5.27	13	PASS
		RB1#7			5.17	13	PASS
		RB1#14			5.3	13	PASS
		RB8#0			6.63	13	PASS
		RB8#4			6.51	13	PASS
		RB8#7			6.69	13	PASS
		RB15#0		6.68	13	PASS	
		MCH		RB1#0	5.34	13	PASS
			RB1#7	5.19	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	5.34	13	PASS
				RB8#0	6.8	13	PASS
				RB8#4	6.39	13	PASS
				RB8#7	6.54	13	PASS
				RB15#0	6.04	13	PASS
			HCH	RB1#0	5.09	13	PASS
				RB1#7	5.06	13	PASS
				RB1#14	5.14	13	PASS
				RB8#0	6.59	13	PASS
				RB8#4	6.5	13	PASS
				RB8#7	6.66	13	PASS
				RB15#0	6.66	13	PASS
		5	LCH	RB1#0	5.15	13	PASS
				RB1#13	5.1	13	PASS
				RB1#24	5.2	13	PASS
				RB12#0	6.44	13	PASS
				RB12#6	6.42	13	PASS
				RB12#13	6.58	13	PASS
				RB25#0	6.6	13	PASS
			MCH	RB1#0	5.2	13	PASS
				RB1#13	5.13	13	PASS
				RB1#24	5.22	13	PASS
				RB12#0	6.6	13	PASS
				RB12#6	6.5	13	PASS
				RB12#13	6.63	13	PASS
				RB25#0	6.5	13	PASS
			HCH	RB1#0	5.58	13	PASS
				RB1#13	5.43	13	PASS
				RB1#24	5.57	13	PASS
				RB12#0	6.96	13	PASS
				RB12#6	6.74	13	PASS
				RB12#13	6.97	13	PASS
				RB25#0	6.56	13	PASS
		10	LCH	RB1#0	5.3	13	PASS
				RB1#25	5.27	13	PASS
				RB1#49	5.39	13	PASS
				RB25#0	6.38	13	PASS
				RB25#13	6.42	13	PASS
				RB25#25	6.44	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.6	13	PASS
				RB1#0	5.35	13	PASS
			MCH	RB1#25	5.25	13	PASS
				RB1#49	5.43	13	PASS
				RB25#0	6.57	13	PASS
				RB25#13	6.52	13	PASS
				RB25#25	6.6	13	PASS
				RB50#0	6.67	13	PASS
			HCH	RB1#0	5.23	13	PASS
				RB1#25	4.95	13	PASS
				RB1#49	5.23	13	PASS
				RB25#0	6.66	13	PASS
				RB25#13	6.67	13	PASS
				RB25#25	6.68	13	PASS
				RB50#0	6.76	13	PASS
		15	LCH	RB1#0	5.28	13	PASS
				RB1#38	5.18	13	PASS
				RB1#74	5.41	13	PASS
				RB38#0	6.74	13	PASS
				RB38#19	6.67	13	PASS
				RB38#39	6.74	13	PASS
				RB75#0	7.06	13	PASS
			MCH	RB1#0	5.36	13	PASS
				RB1#38	5.18	13	PASS
				RB1#74	5.47	13	PASS
				RB38#0	6.68	13	PASS
				RB38#19	6.7	13	PASS
				RB38#39	6.76	13	PASS
				RB75#0	7.07	13	PASS
			HCH	RB1#0	5.62	13	PASS
				RB1#38	5.55	13	PASS
				RB1#74	5.58	13	PASS
				RB38#0	6.5	13	PASS
				RB38#19	6.65	13	PASS
				RB38#39	6.45	13	PASS
				RB75#0	6.78	13	PASS
		20	LCH	RB1#0	5.8	13	PASS
				RB1#50	5.68	13	PASS
				RB1#99	5.91	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.76	13	PASS
				RB50#25	6.85	13	PASS
				RB50#50	6.84	13	PASS
				RB100#0	6.45	13	PASS
			MCH	RB1#0	5.84	13	PASS
				RB1#50	5.66	13	PASS
				RB1#99	5.96	13	PASS
				RB50#0	6.82	13	PASS
				RB50#25	6.81	13	PASS
				RB50#50	6.92	13	PASS
				RB100#0	6.53	13	PASS
			HCH	RB1#0	5.91	13	PASS
				RB1#50	5.69	13	PASS
				RB1#99	5.87	13	PASS
				RB50#0	6.73	13	PASS
				RB50#25	6.79	13	PASS
				RB50#50	6.78	13	PASS
				RB100#0	6.8	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	6.38	13	PASS
				RB1#3	6.24	13	PASS
				RB1#5	6.39	13	PASS
				RB3#0	7.01	13	PASS
				RB3#2	7.01	13	PASS
				RB3#3	6.99	13	PASS
				RB6#0	6.94	13	PASS
			MCH	RB1#0	6.43	13	PASS
				RB1#3	6.28	13	PASS
				RB1#5	6.45	13	PASS
				RB3#0	7.05	13	PASS
				RB3#2	7.09	13	PASS
				RB3#3	7.09	13	PASS
				RB6#0	7.12	13	PASS
			HCH	RB1#0	6.35	13	PASS
				RB1#3	6.08	13	PASS
				RB1#5	6.27	13	PASS
				RB3#0	6.83	13	PASS
				RB3#2	6.89	13	PASS
				RB3#3	6.87	13	PASS
				RB6#0	6.9	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	6.77	13	PASS
				RB1#7	6.87	13	PASS
				RB1#14	6.94	13	PASS
				RB8#0	7.17	13	PASS
				RB8#4	7.52	13	PASS
				RB8#7	7.51	13	PASS
				RB15#0	7.49	13	PASS
			MCH	RB1#0	6.91	13	PASS
				RB1#7	6.9	13	PASS
				RB1#14	6.92	13	PASS
				RB8#0	7.2	13	PASS
				RB8#4	7.36	13	PASS
				RB8#7	7.26	13	PASS
				RB15#0	7.35	13	PASS
			HCH	RB1#0	6.47	13	PASS
				RB1#7	6.51	13	PASS
				RB1#14	6.47	13	PASS
				RB8#0	6.48	13	PASS
				RB8#4	6.68	13	PASS
				RB8#7	6.46	13	PASS
				RB15#0	7.15	13	PASS
		5	LCH	RB1#0	6.36	13	PASS
				RB1#13	6.37	13	PASS
				RB1#24	6.39	13	PASS
				RB12#0	7.23	13	PASS
				RB12#6	7.28	13	PASS
				RB12#13	7.26	13	PASS
				RB25#0	7.93	13	PASS
			MCH	RB1#0	6.41	13	PASS
				RB1#13	6.36	13	PASS
				RB1#24	6.44	13	PASS
				RB12#0	7.1	13	PASS
				RB12#6	7.17	13	PASS
				RB12#13	7.13	13	PASS
				RB25#0	7.65	13	PASS
			HCH	RB1#0	5.52	13	PASS
				RB1#13	5.41	13	PASS
				RB1#24	5.57	13	PASS
				RB12#0	7.28	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	7.26	13	PASS
				RB12#13	7.19	13	PASS
				RB25#0	7.33	13	PASS
			LCH	RB1#0	6.87	13	PASS
				RB1#25	6.78	13	PASS
				RB1#49	6.99	13	PASS
				RB25#0	8.14	13	PASS
				RB25#13	8.11	13	PASS
				RB25#25	8.23	13	PASS
				RB50#0	7.85	13	PASS
			MCH	RB1#0	6.92	13	PASS
				RB1#25	6.76	13	PASS
				RB1#49	7.04	13	PASS
				RB25#0	8.04	13	PASS
				RB25#13	8.05	13	PASS
				RB25#25	8.06	13	PASS
				RB50#0	7.6	13	PASS
			HCH	RB1#0	6.45	13	PASS
				RB1#25	6.08	13	PASS
				RB1#49	6.44	13	PASS
				RB25#0	7.83	13	PASS
				RB25#13	7.88	13	PASS
				RB25#25	7.86	13	PASS
				RB50#0	7.24	13	PASS
		15	LCH	RB1#0	6.81	13	PASS
				RB1#38	6.9	13	PASS
				RB1#74	6.99	13	PASS
				RB38#0	7.83	13	PASS
				RB38#19	8.03	13	PASS
				RB38#39	7.78	13	PASS
				RB75#0	7.64	13	PASS
			MCH	RB1#0	6.91	13	PASS
				RB1#38	6.88	13	PASS
				RB1#74	7.05	13	PASS
				RB38#0	7.77	13	PASS
				RB38#19	7.97	13	PASS
				RB38#39	7.82	13	PASS
				RB75#0	7.63	13	PASS
			HCH	RB1#0	7.2	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	7.1	13	PASS
				RB1#74	7.1	13	PASS
				RB38#0	7.64	13	PASS
				RB38#19	7.77	13	PASS
				RB38#39	7.6	13	PASS
				RB75#0	7.47	13	PASS
			LCH	RB1#0	5.42	13	PASS
				RB1#50	5.35	13	PASS
				RB1#99	5.52	13	PASS
				RB50#0	7.88	13	PASS
				RB50#25	8.13	13	PASS
				RB50#50	7.89	13	PASS
				RB100#0	7.92	13	PASS
		20	MCH	RB1#0	5.45	13	PASS
				RB1#50	5.34	13	PASS
				RB1#99	5.55	13	PASS
				RB50#0	7.81	13	PASS
				RB50#25	7.91	13	PASS
				RB50#50	7.89	13	PASS
				RB100#0	7.73	13	PASS
			HCH	RB1#0	6.62	13	PASS
				RB1#50	6.36	13	PASS
				RB1#99	6.58	13	PASS
				RB50#0	7.78	13	PASS
				RB50#25	7.73	13	PASS
				RB50#50	7.9	13	PASS
				RB100#0	7.65	13	PASS
BAND13	LTE/TM1	5	LCH	RB1#0	5.17	13	PASS
				RB1#13	5.01	13	PASS
				RB1#24	5.21	13	PASS
				RB12#0	6.45	13	PASS
				RB12#6	6.4	13	PASS
				RB12#13	6.55	13	PASS
				RB25#0	6.51	13	PASS
			MCH	RB1#0	5.06	13	PASS
				RB1#13	5.19	13	PASS
				RB1#24	5.25	13	PASS
				RB12#0	6.42	13	PASS
				RB12#6	6.54	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#13	6.66	13	PASS
				RB25#0	6.75	13	PASS
			HCH	RB1#0	5.66	13	PASS
				RB1#13	5.61	13	PASS
				RB1#24	5.46	13	PASS
				RB12#0	7.1	13	PASS
				RB12#6	7.12	13	PASS
				RB12#13	7.07	13	PASS
				RB25#0	6.73	13	PASS
		10	LCH	RB1#0	5.25	13	PASS
				RB1#25	5.29	13	PASS
				RB1#49	5.18	13	PASS
				RB25#0	6.5	13	PASS
				RB25#13	6.59	13	PASS
				RB25#25	6.67	13	PASS
				RB50#0	6.72	13	PASS
			MCH	RB1#0	5.26	13	PASS
				RB1#25	5.29	13	PASS
				RB1#49	5.2	13	PASS
				RB25#0	6.5	13	PASS
				RB25#13	6.62	13	PASS
				RB25#25	6.71	13	PASS
				RB50#0	6.77	13	PASS
			HCH	RB1#0	5.27	13	PASS
				RB1#25	5.28	13	PASS
				RB1#49	5.19	13	PASS
				RB25#0	6.51	13	PASS
				RB25#13	6.64	13	PASS
				RB25#25	6.74	13	PASS
				RB50#0	6.89	13	PASS
	LTE/TM2	5	LCH	RB1#0	6.35	13	PASS
				RB1#13	6.13	13	PASS
				RB1#24	6.39	13	PASS
				RB12#0	6.96	13	PASS
				RB12#6	7.01	13	PASS
				RB12#13	7.11	13	PASS
				RB25#0	7.88	13	PASS
			MCH	RB1#0	6.27	13	PASS
				RB1#13	6.31	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#24	6.42	13	PASS
				RB12#0	7.16	13	PASS
				RB12#6	7.49	13	PASS
				RB12#13	7.47	13	PASS
				RB25#0	7.91	13	PASS
			HCH	RB1#0	5.62	13	PASS
				RB1#13	5.51	13	PASS
				RB1#24	5.33	13	PASS
				RB12#0	7.33	13	PASS
				RB12#6	7.34	13	PASS
				RB12#13	7.25	13	PASS
				RB25#0	8.03	13	PASS
		10	LCH	RB1#0	6.7	13	PASS
				RB1#25	6.83	13	PASS
				RB1#49	6.63	13	PASS
				RB25#0	7.84	13	PASS
				RB25#13	8.04	13	PASS
				RB25#25	8.1	13	PASS
				RB50#0	7.68	13	PASS
			MCH	RB1#0	6.71	13	PASS
				RB1#25	6.81	13	PASS
				RB1#49	6.66	13	PASS
				RB25#0	7.83	13	PASS
				RB25#13	8.05	13	PASS
				RB25#25	8.14	13	PASS
				RB50#0	7.75	13	PASS
			HCH	RB1#0	6.7	13	PASS
				RB1#25	6.81	13	PASS
				RB1#49	6.61	13	PASS
				RB25#0	7.81	13	PASS
				RB25#13	8.06	13	PASS
				RB25#25	8.13	13	PASS
				RB50#0	7.8	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

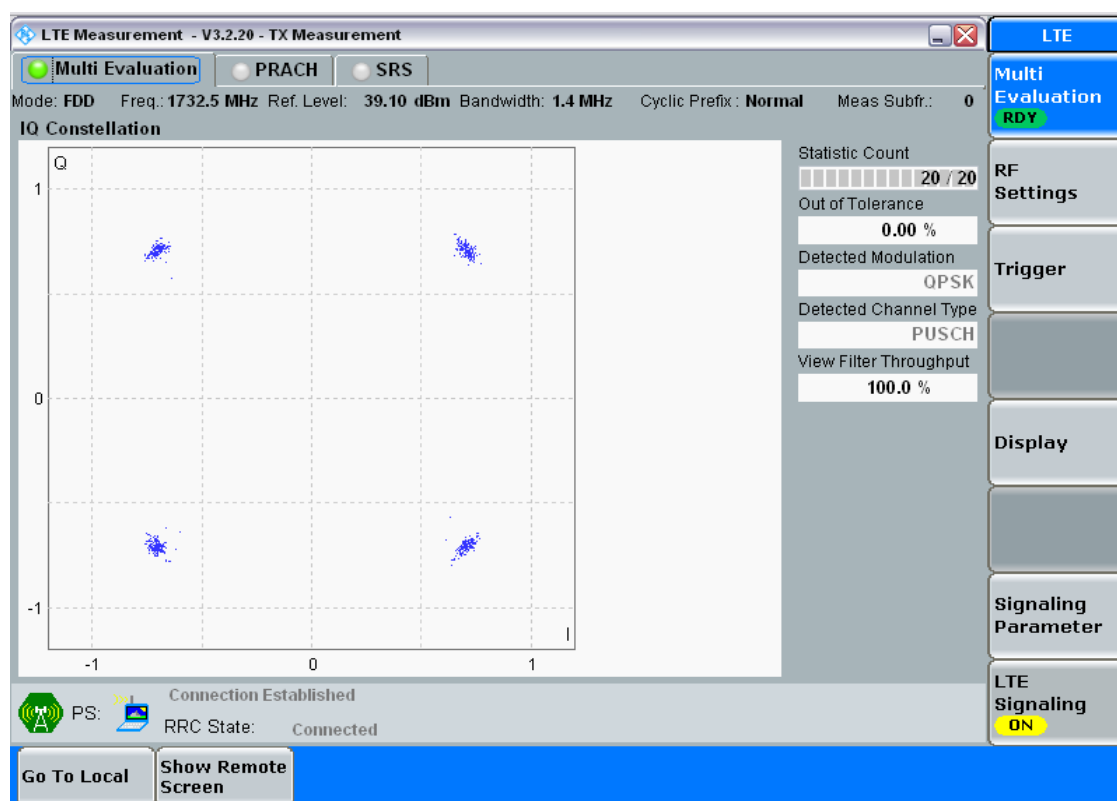
3.1.1 Test Band = BAND4

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

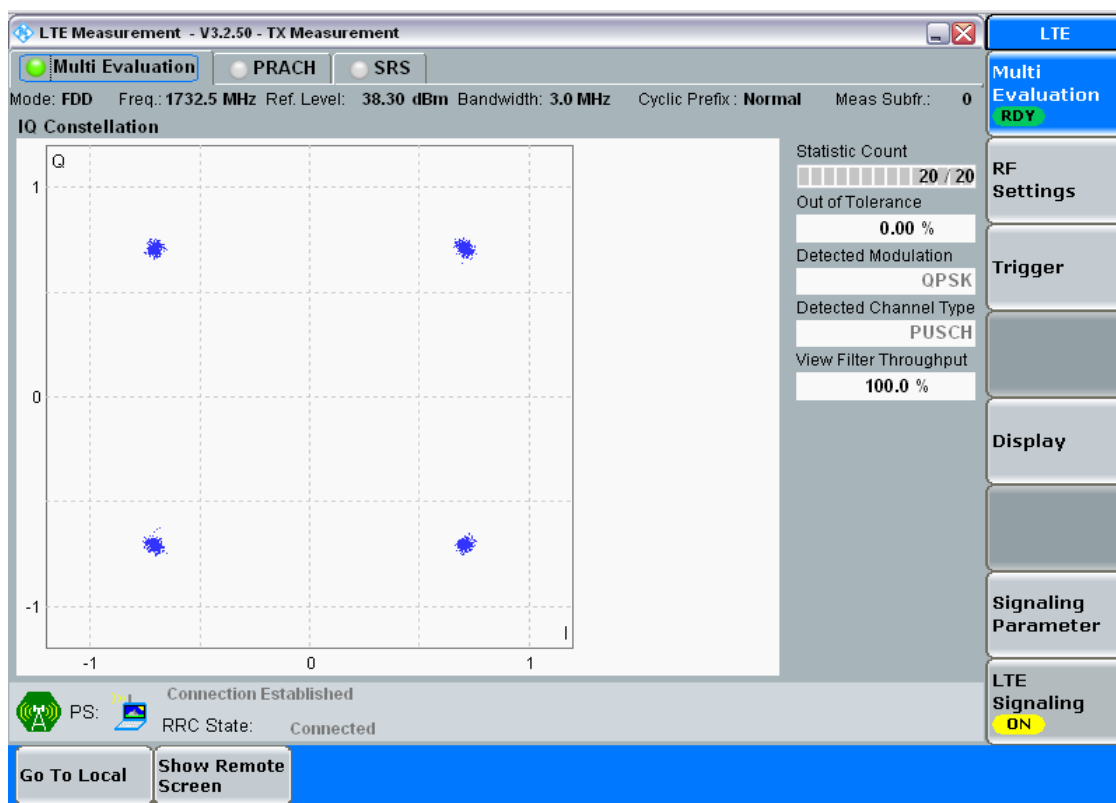
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

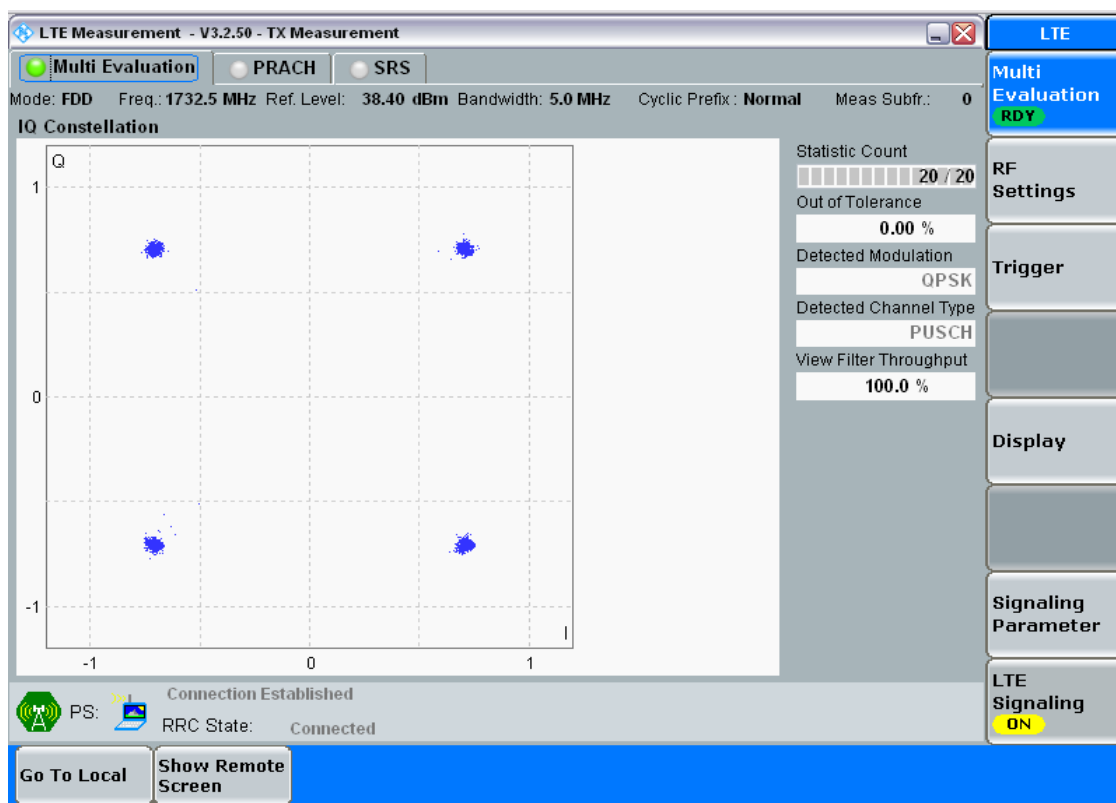
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

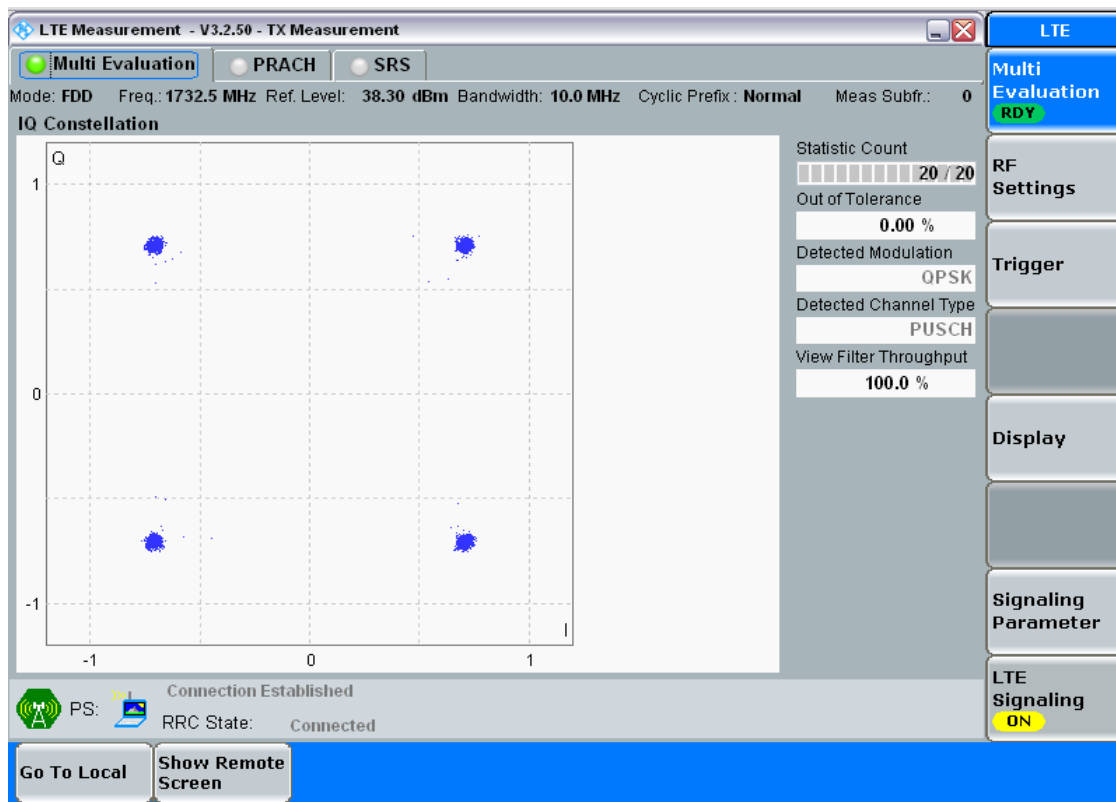
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

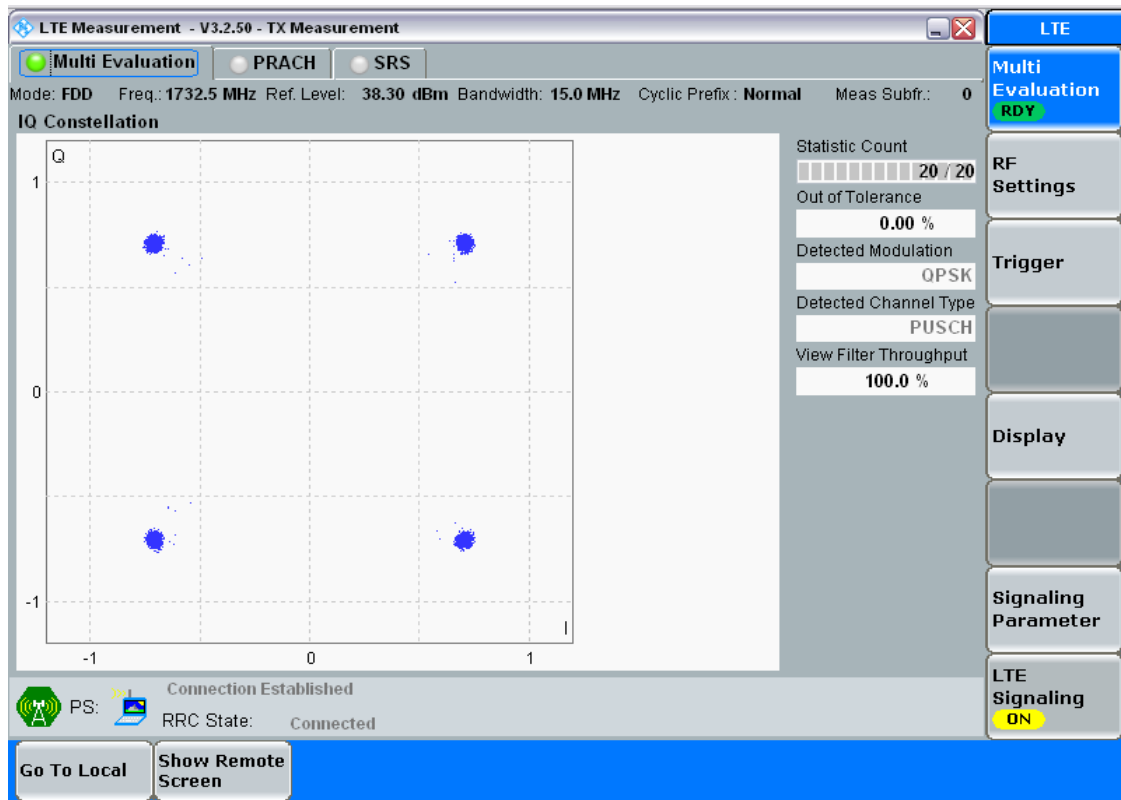
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

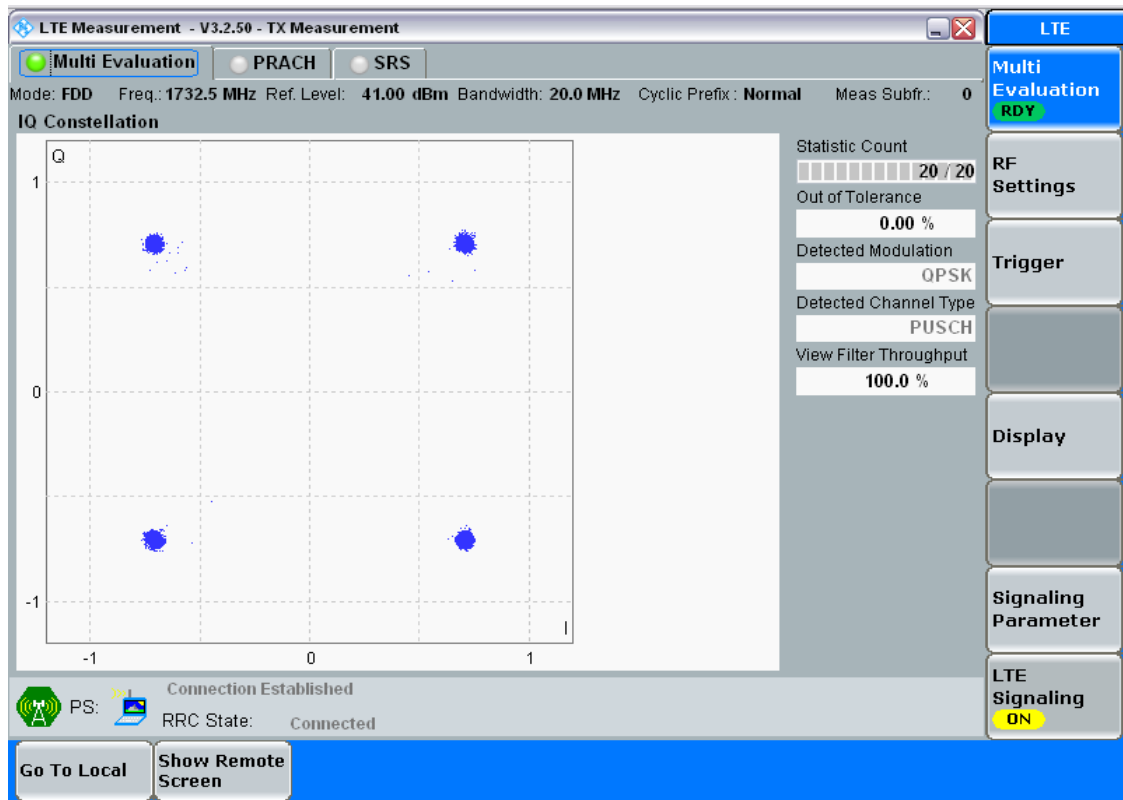
3.1.1.1.5.1.1 Test RB = RB75#0



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

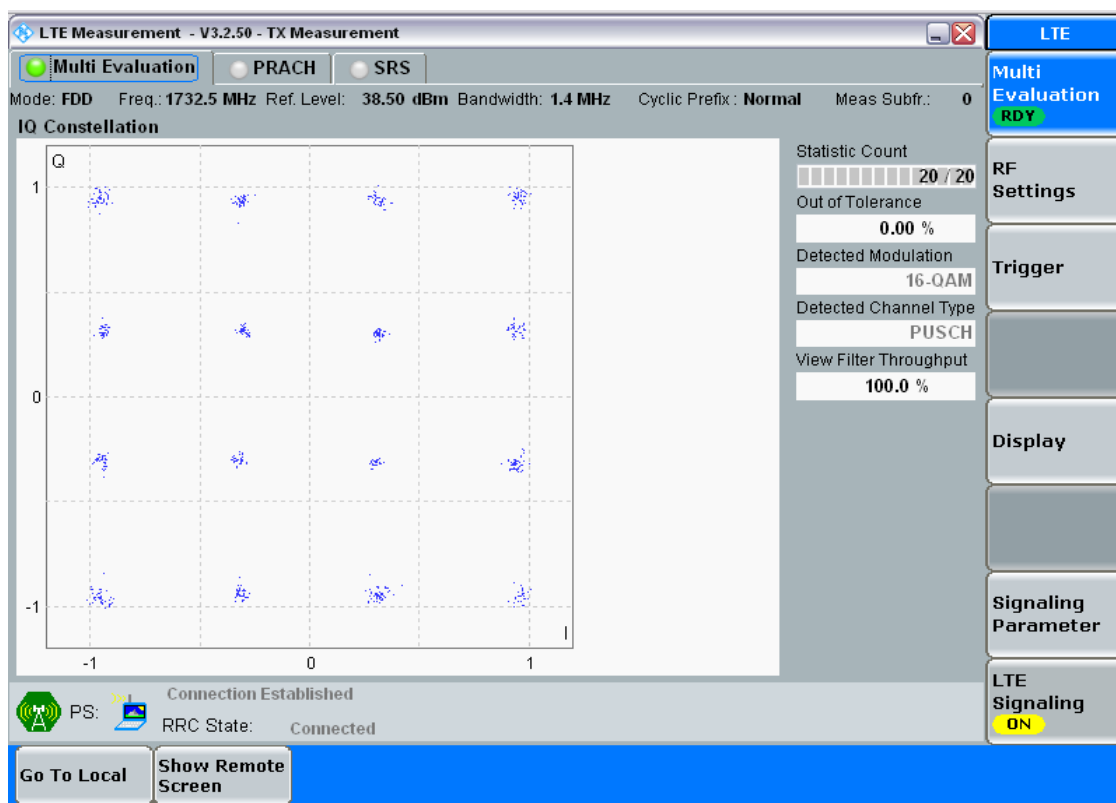


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

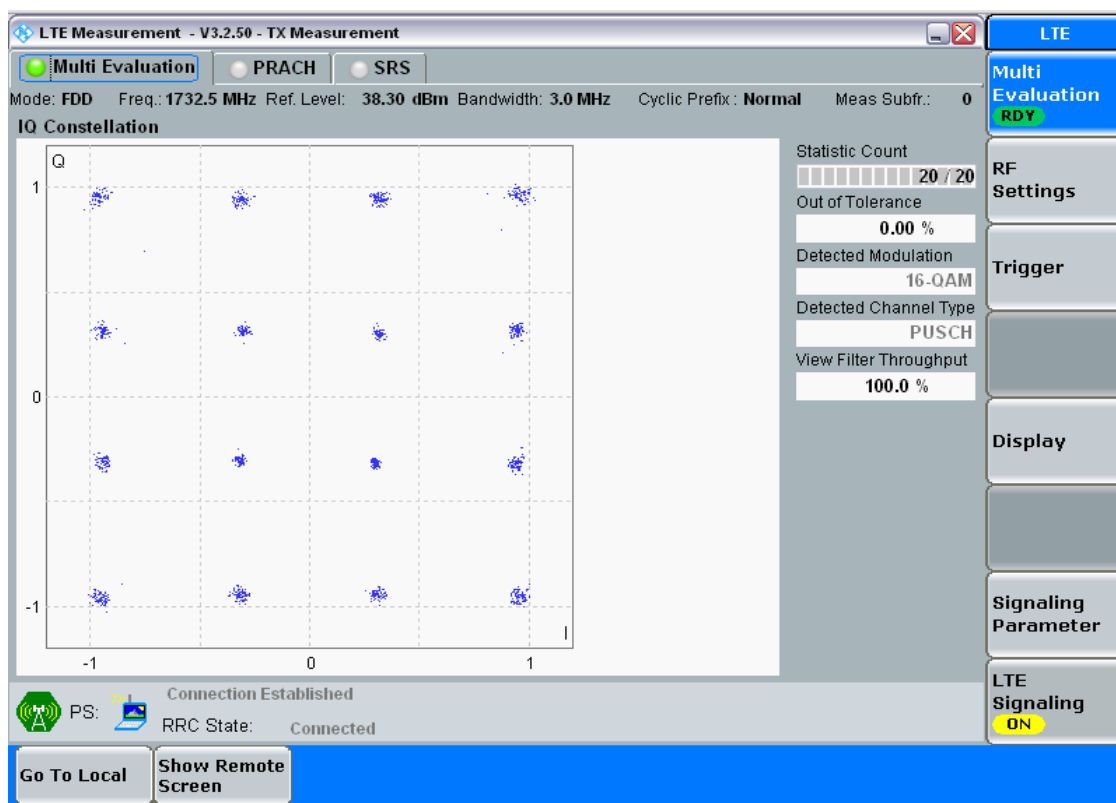
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

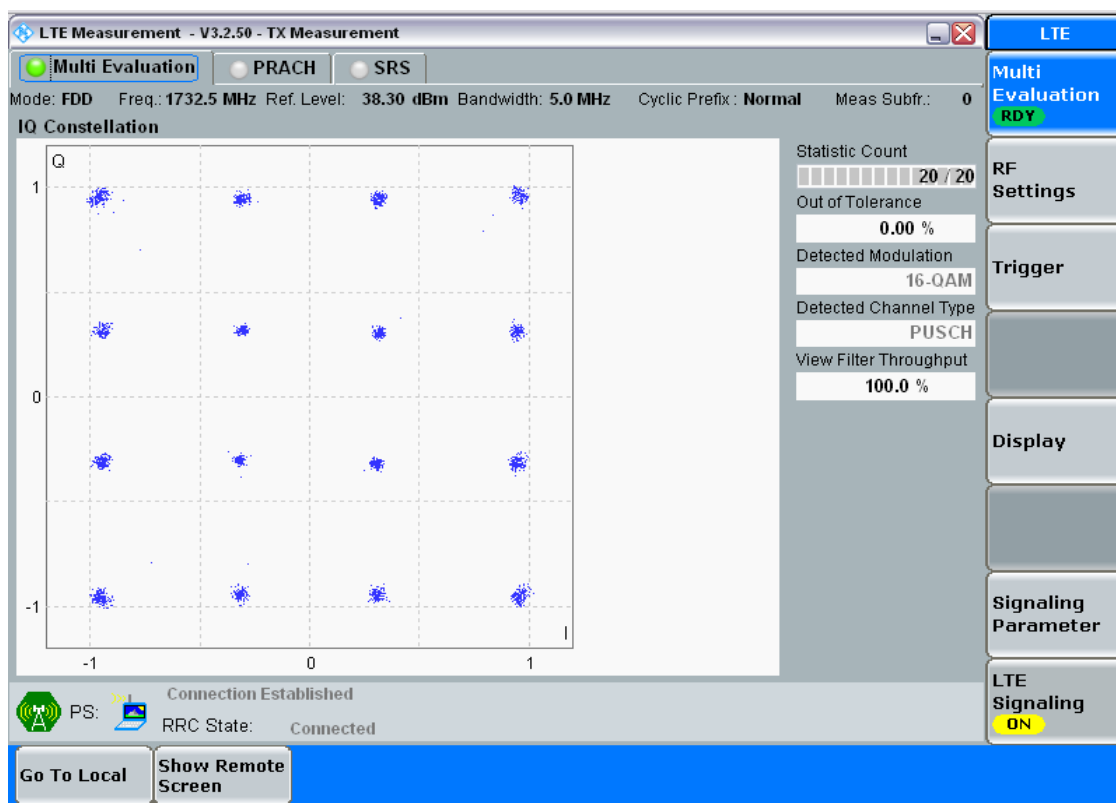
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

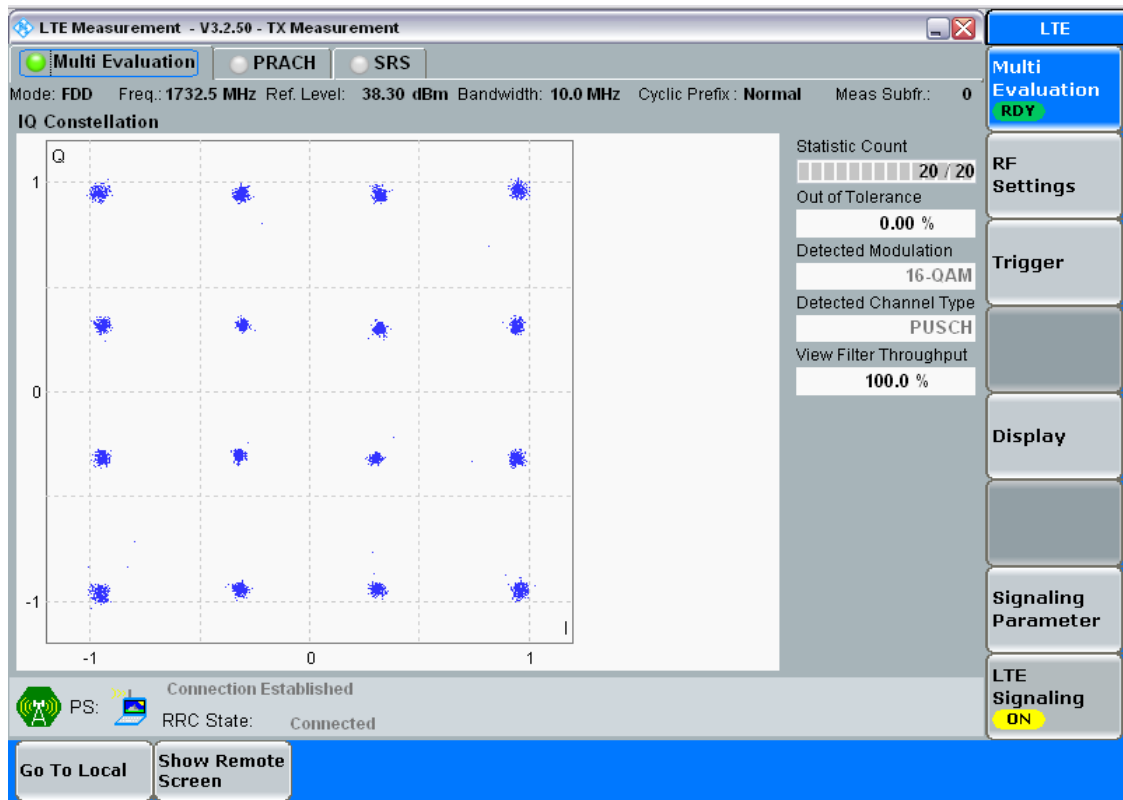
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

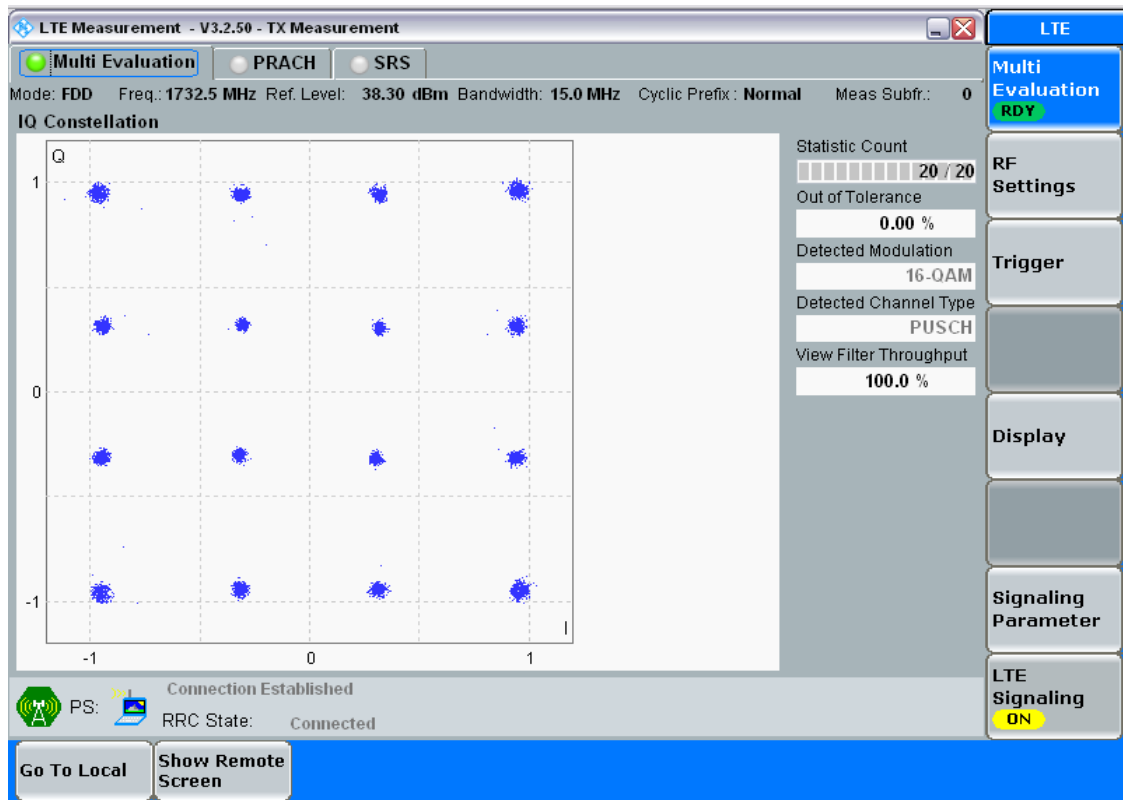
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

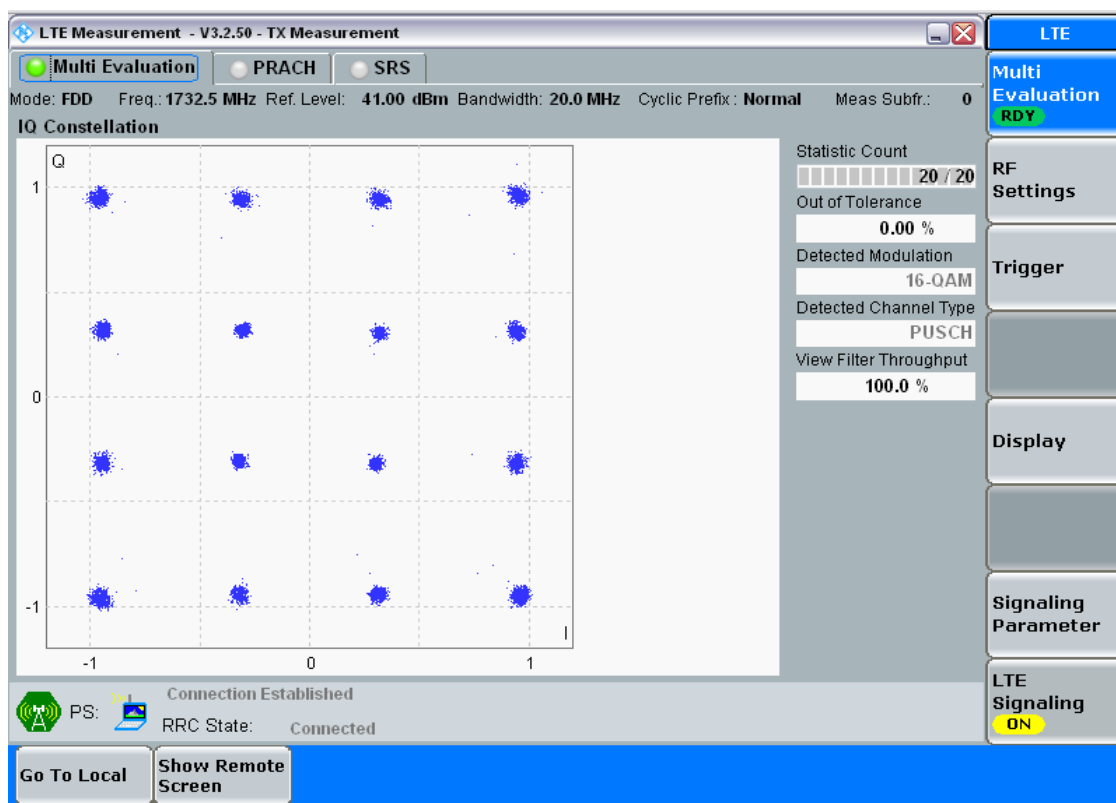
3.1.1.2.5.1.1 Test RB = RB75#0



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



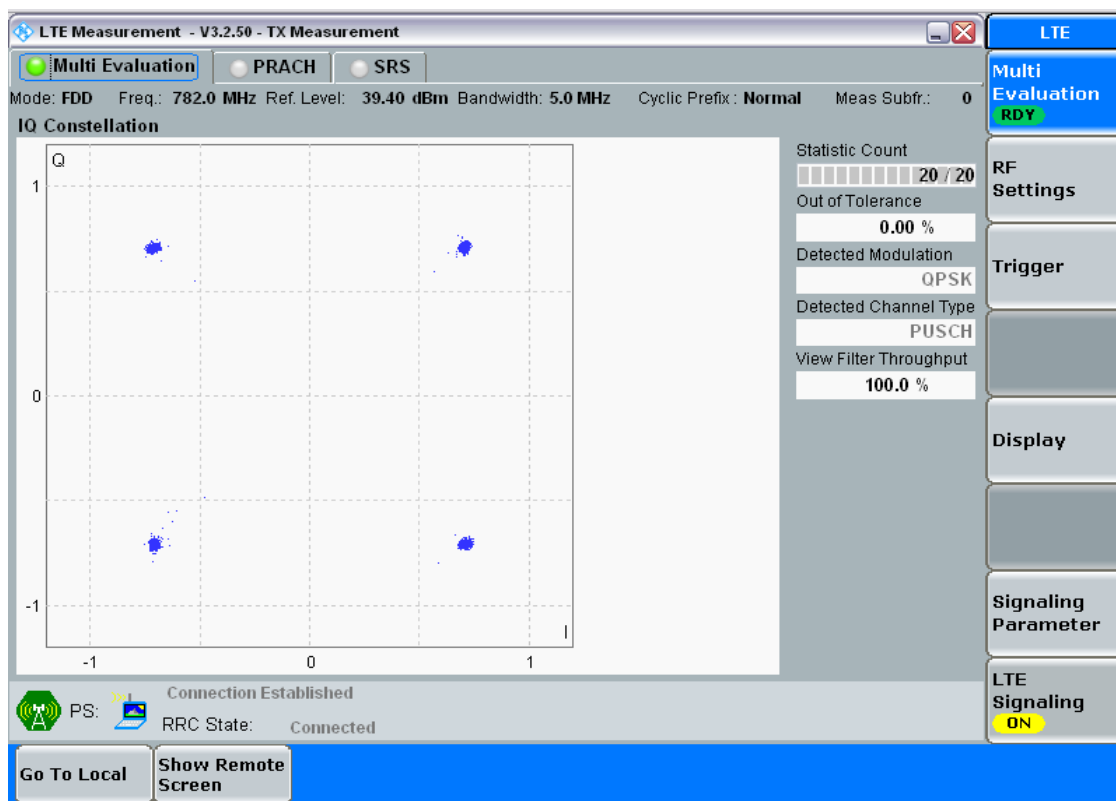
3.1.2 Test Band = BAND13

3.1.2.1 Test Mode = LTE/TM1

3.1.2.1.1 Test Bandwidth = 5

3.1.2.1.1.1 Test Channel = MCH

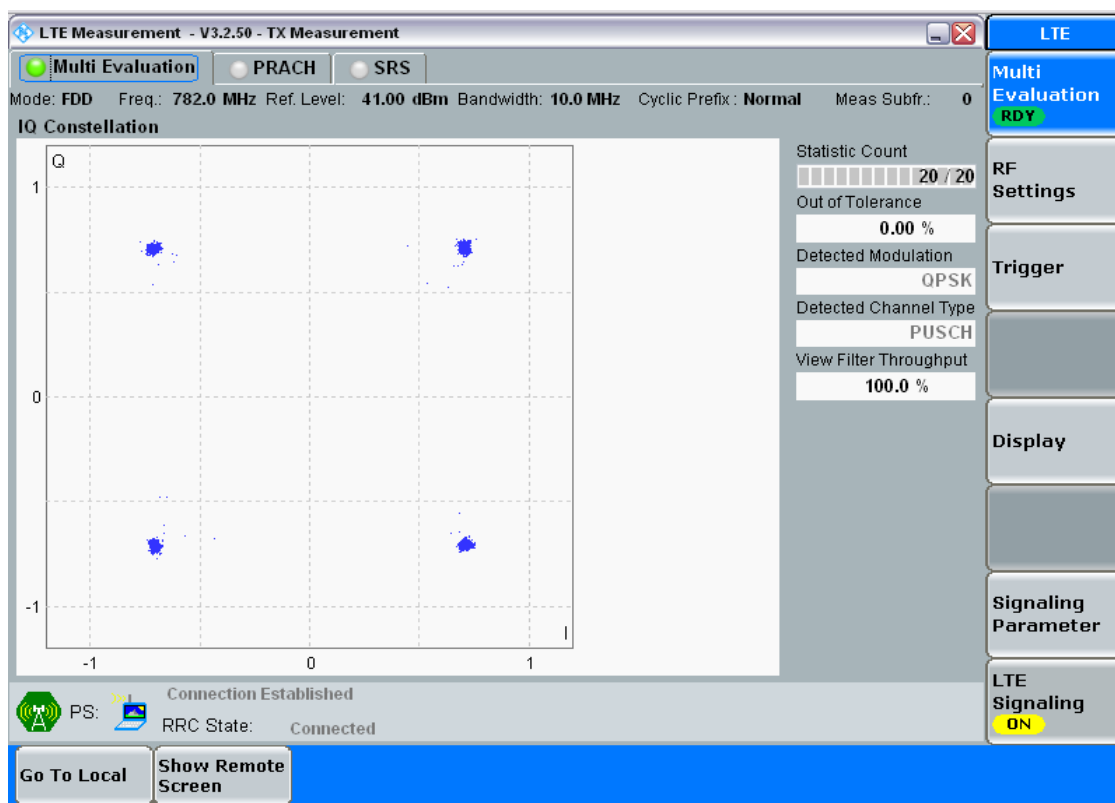
3.1.2.1.1.1.1 Test RB = RB25#0



3.1.2.1.2 Test Bandwidth = 10

3.1.2.1.2.1 Test Channel = MCH

3.1.2.1.2.1.1 Test RB = RB50#0

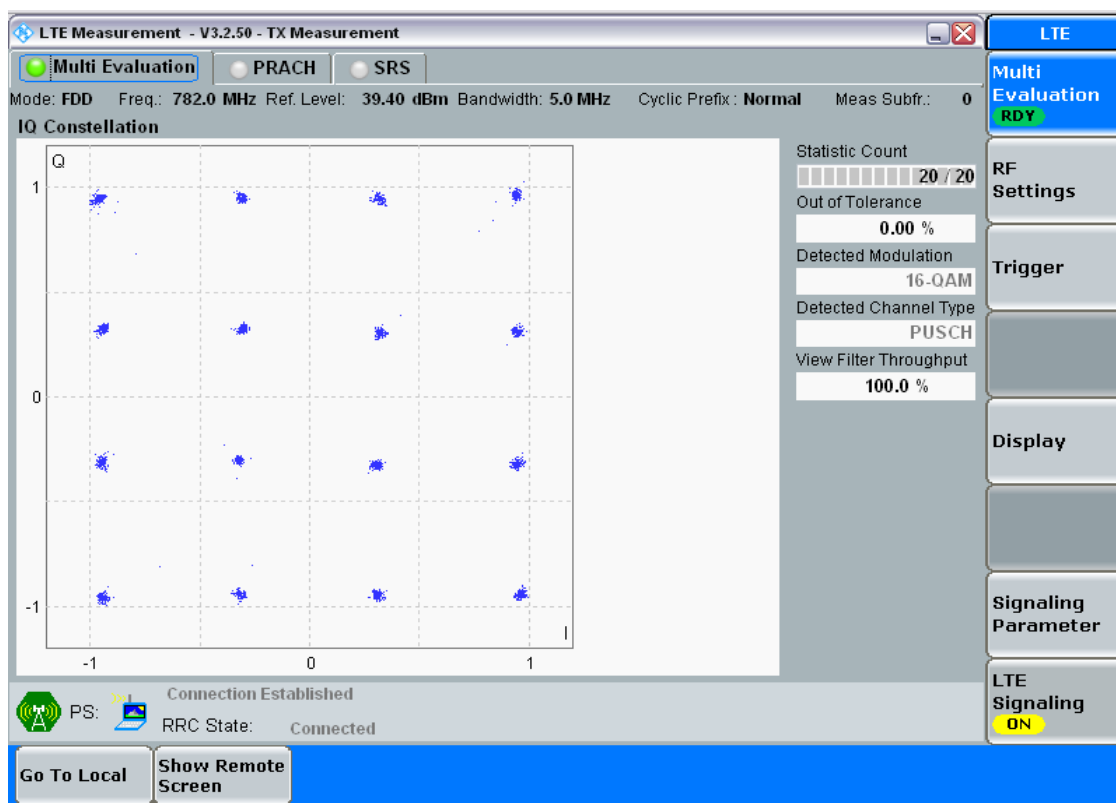


3.1.2.2 Test Mode = LTE/TM2

3.1.2.2.1 Test Bandwidth = 5

3.1.2.2.1.1 Test Channel = MCH

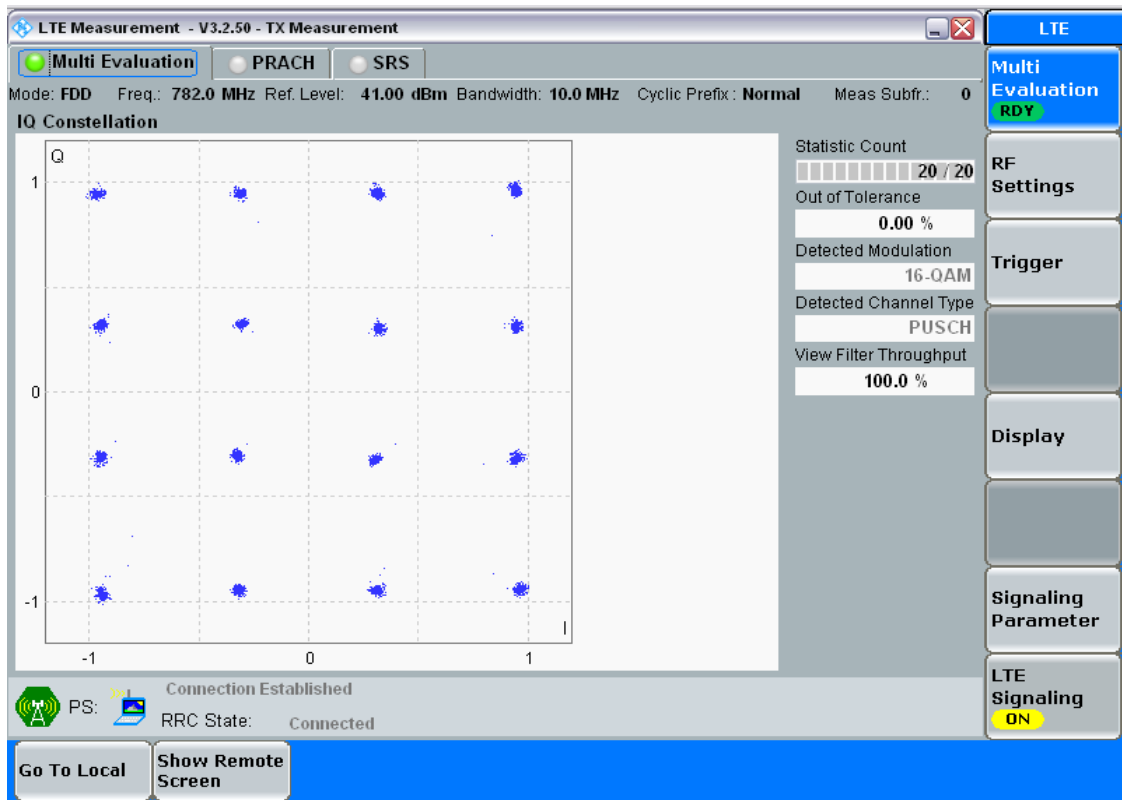
3.1.2.2.1.1.1 Test RB = RB25#0



3.1.2.2.2 Test Bandwidth = 10

3.1.2.2.2.1 Test Channel = MCH

3.1.2.2.2.1.1 Test RB = RB50#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	1.27	Pass
			MCH	RB6#0	1.09	1.25	Pass
			HCH	RB6#0	1.09	1.26	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.99	9.62	Pass
			MCH	RB50#0	8.98	9.62	Pass
			HCH	RB50#0	8.97	9.56	Pass
		15	LCH	RB75#0	13.46	14.29	Pass
			MCH	RB75#0	13.46	14.27	Pass
			HCH	RB75#0	13.45	14.26	Pass
		20	LCH	RB100#0	17.90	18.95	Pass
			MCH	RB100#0	17.90	18.96	Pass
			HCH	RB100#0	17.90	18.95	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	2.93	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.71	2.94	Pass
		5	LCH	RB25#0	4.50	4.90	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.51	4.87	Pass
		10	LCH	RB50#0	8.98	9.63	Pass
			MCH	RB50#0	8.98	9.59	Pass
			HCH	RB50#0	8.98	9.52	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.46	14.27	Pass
			MCH	RB75#0	13.47	14.26	Pass
			HCH	RB75#0	13.45	14.28	Pass
		20	LCH	RB100#0	17.91	18.96	Pass
			MCH	RB100#0	17.92	18.94	Pass
			HCH	RB100#0	17.91	18.96	Pass
BAND13	LTE/TM1	5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	9.02	9.67	Pass
			MCH	RB50#0	9.02	9.65	Pass
			HCH	RB50#0	9.02	9.67	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.51	4.86	Pass
		10	LCH	RB50#0	9.00	9.64	Pass
			MCH	RB50#0	9.00	9.70	Pass
			HCH	RB50#0	9.00	9.67	Pass



Part II - Test Plots

4.1 For LTE

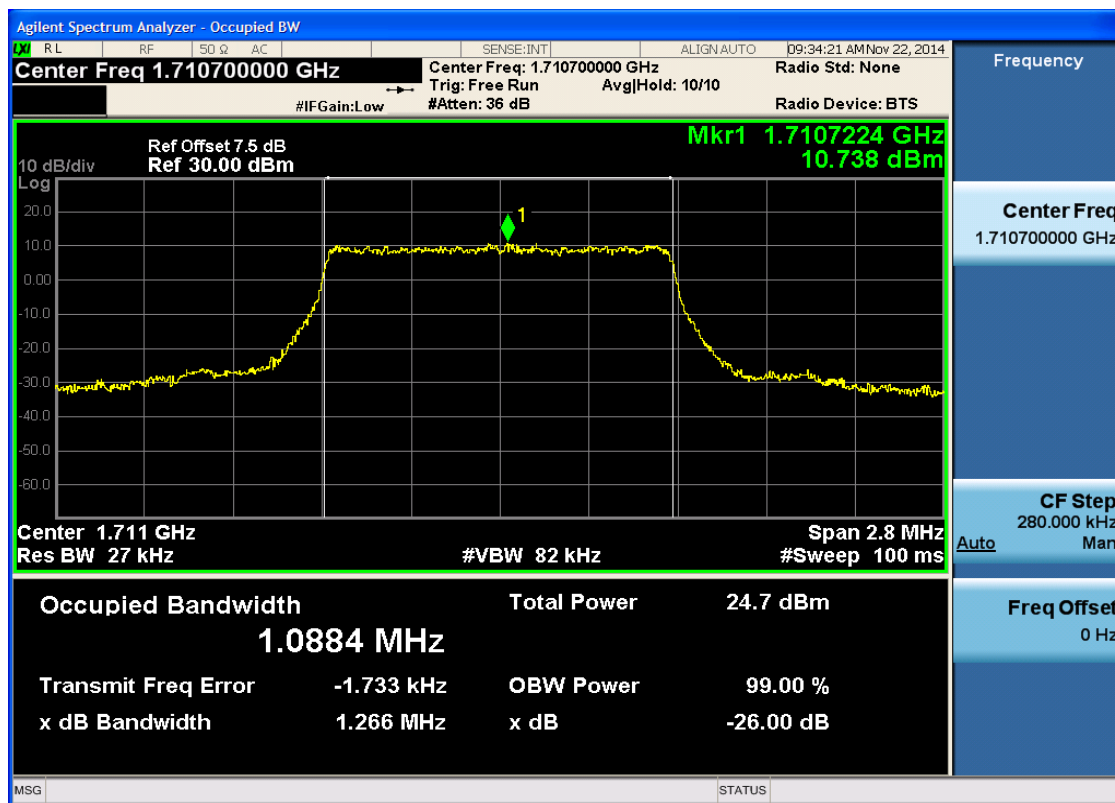
4.1.1 Test Band = BAND4

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

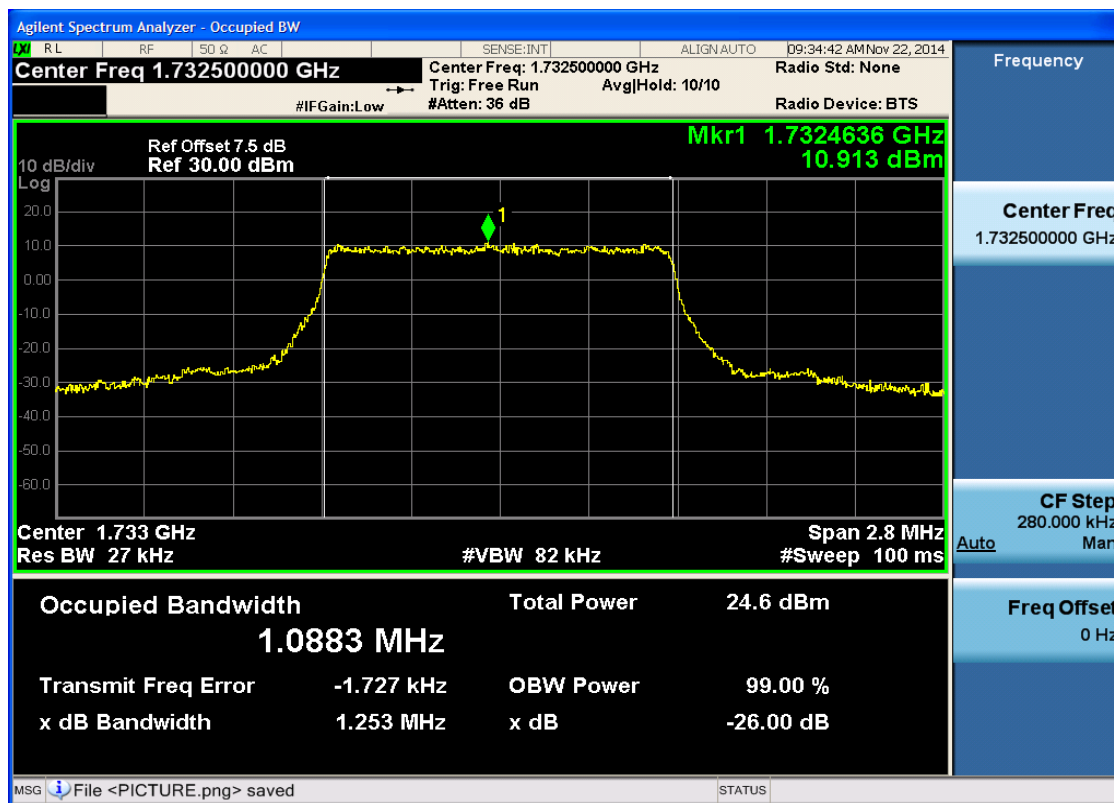
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

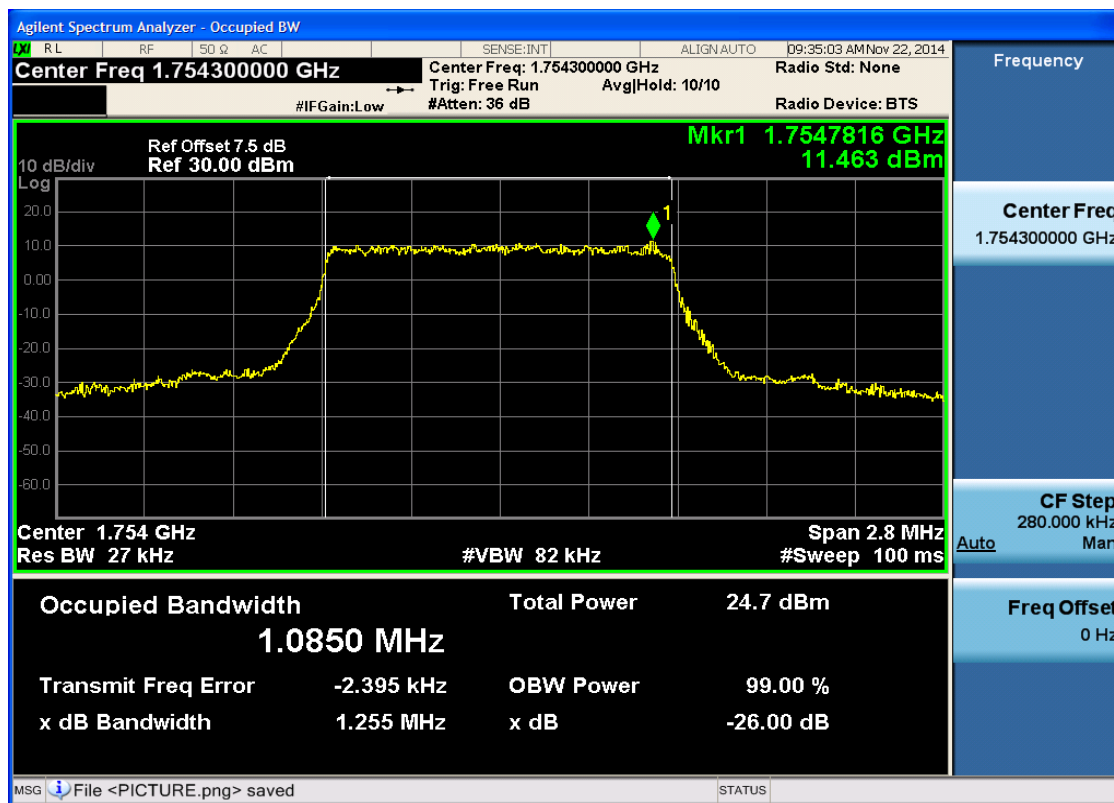
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

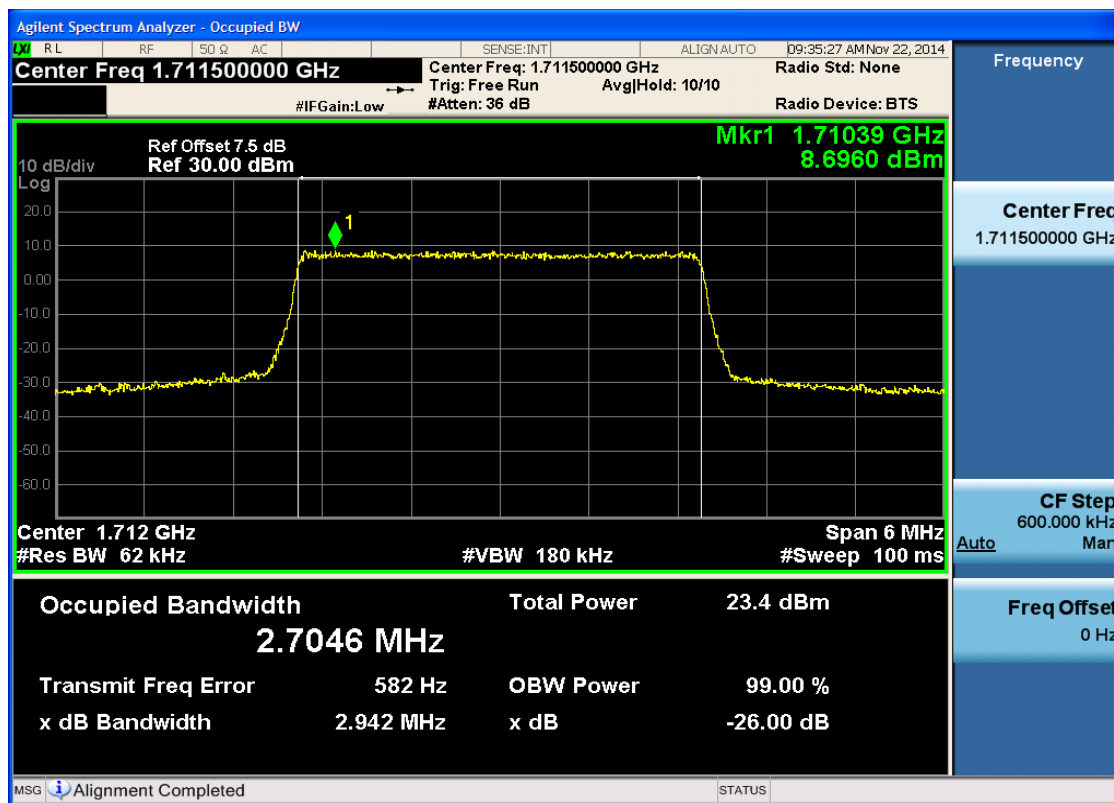




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

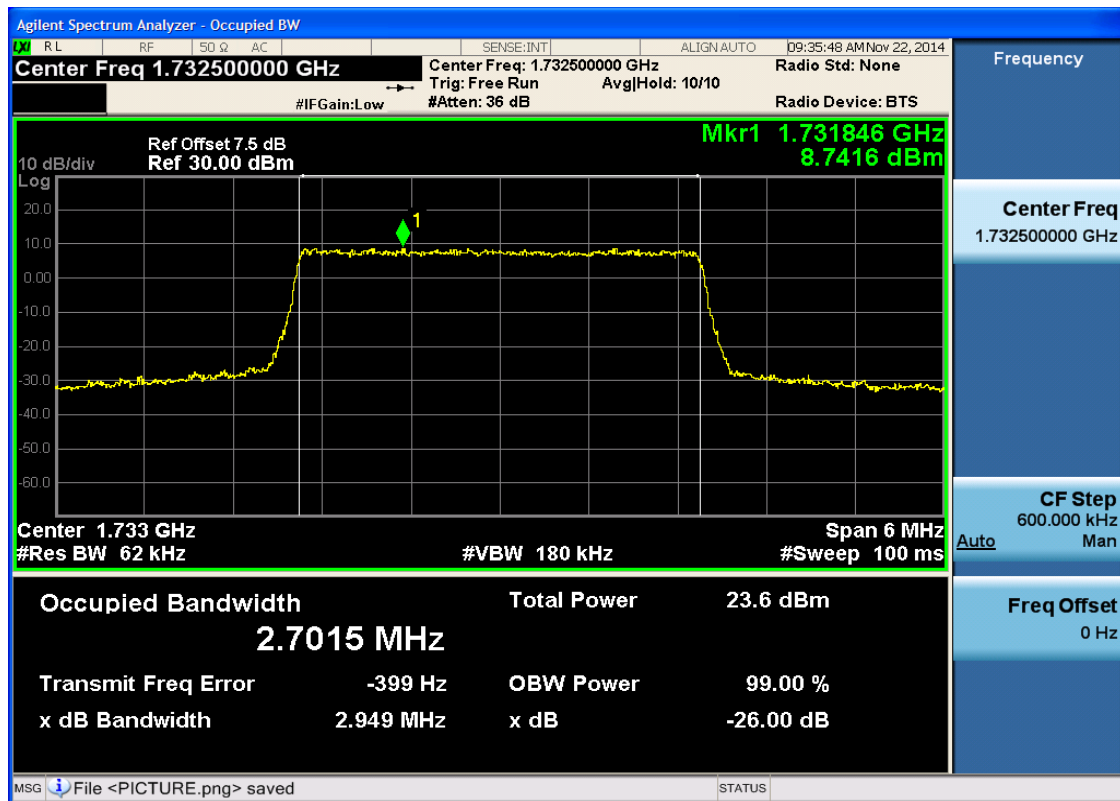
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

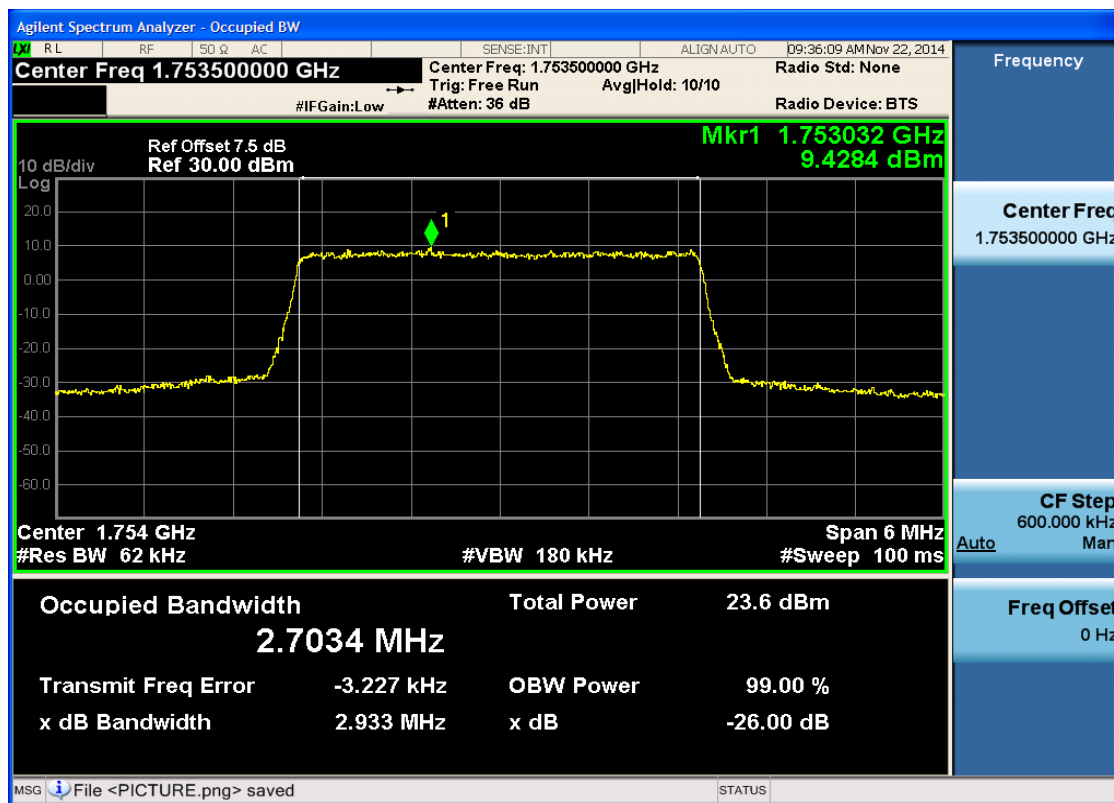
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

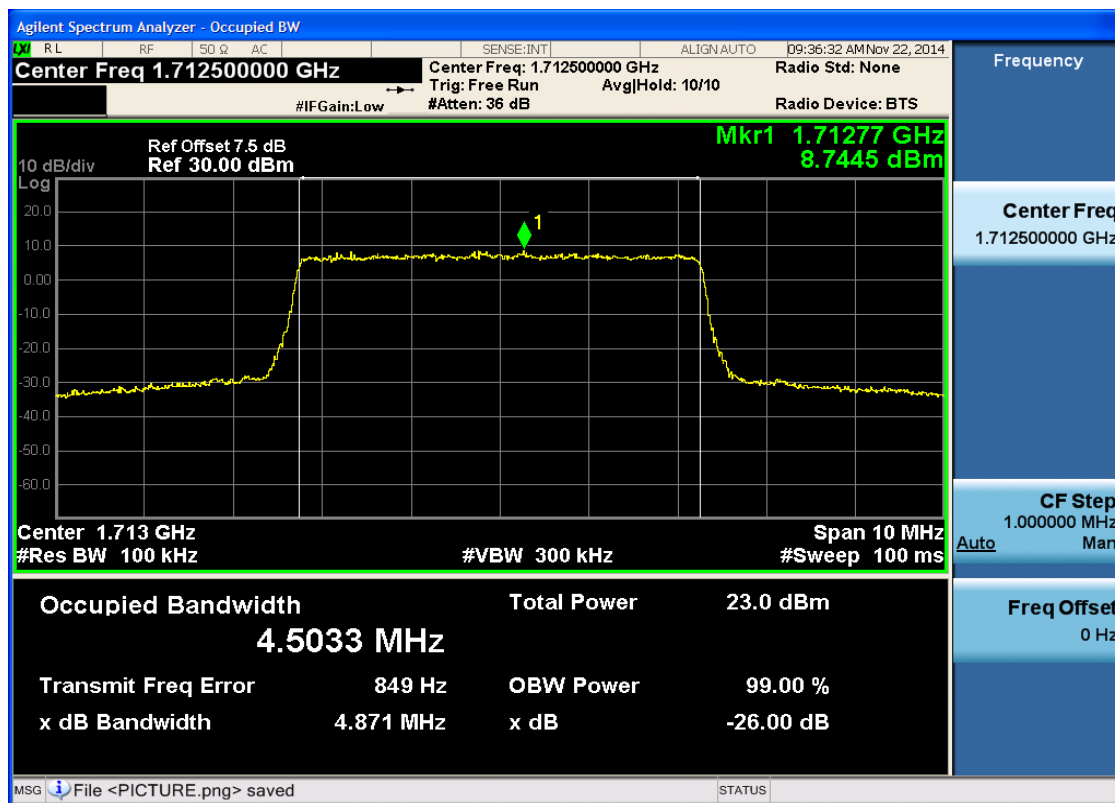
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

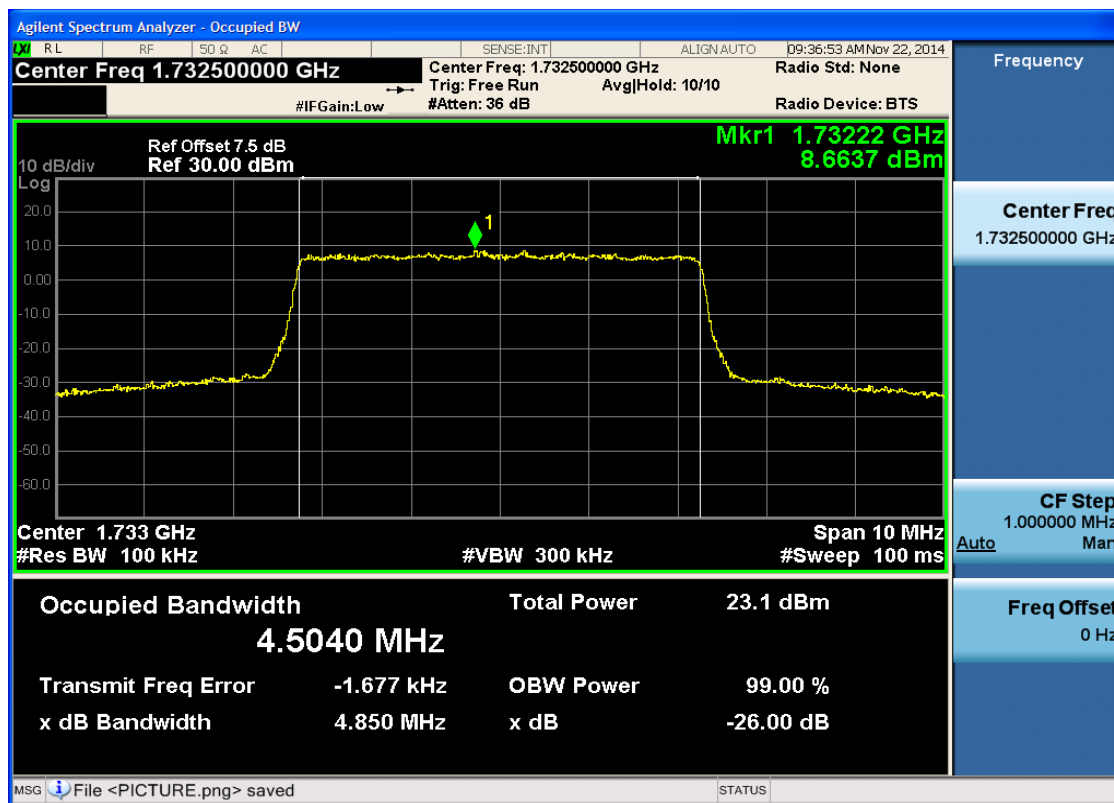
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

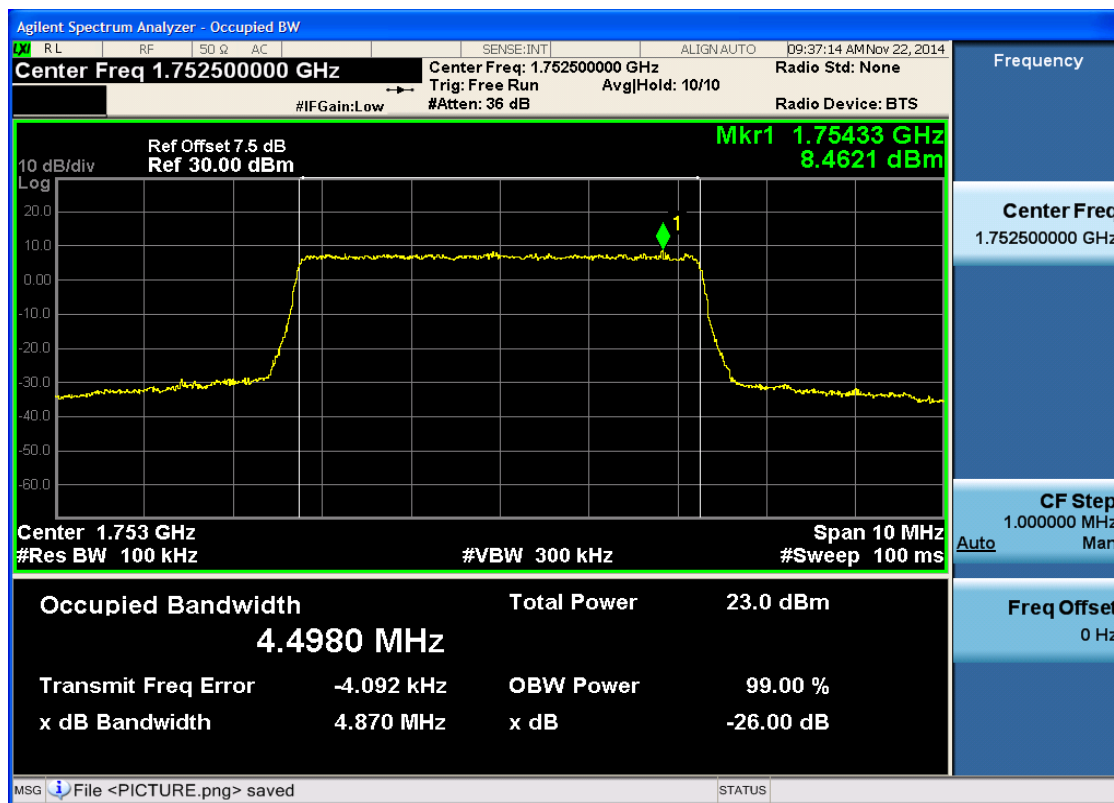
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

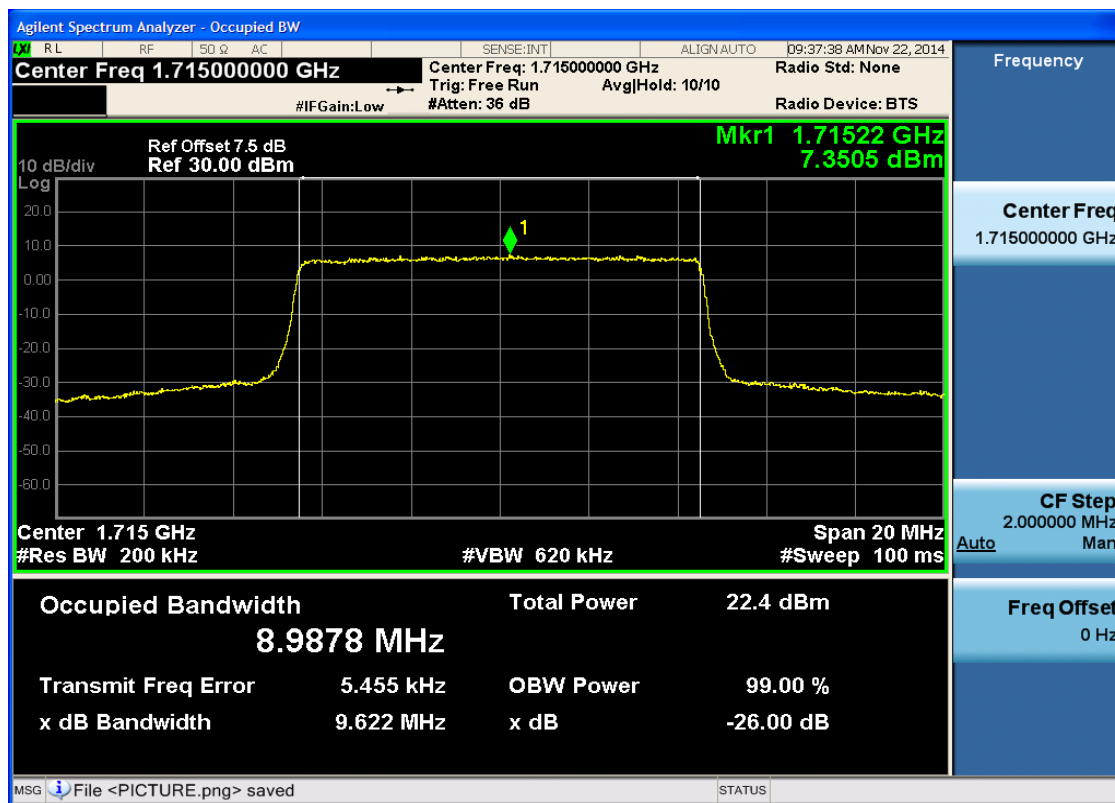
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

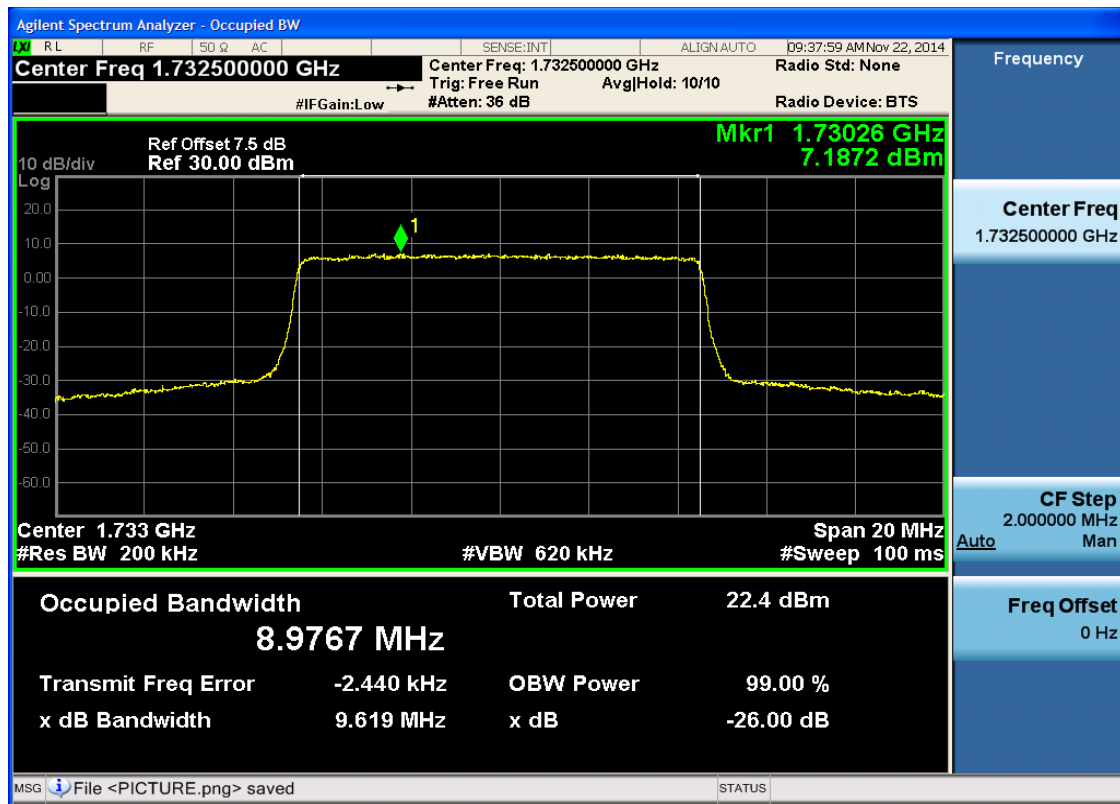
4.1.1.1.4.1.1 Test RB = RB50#0





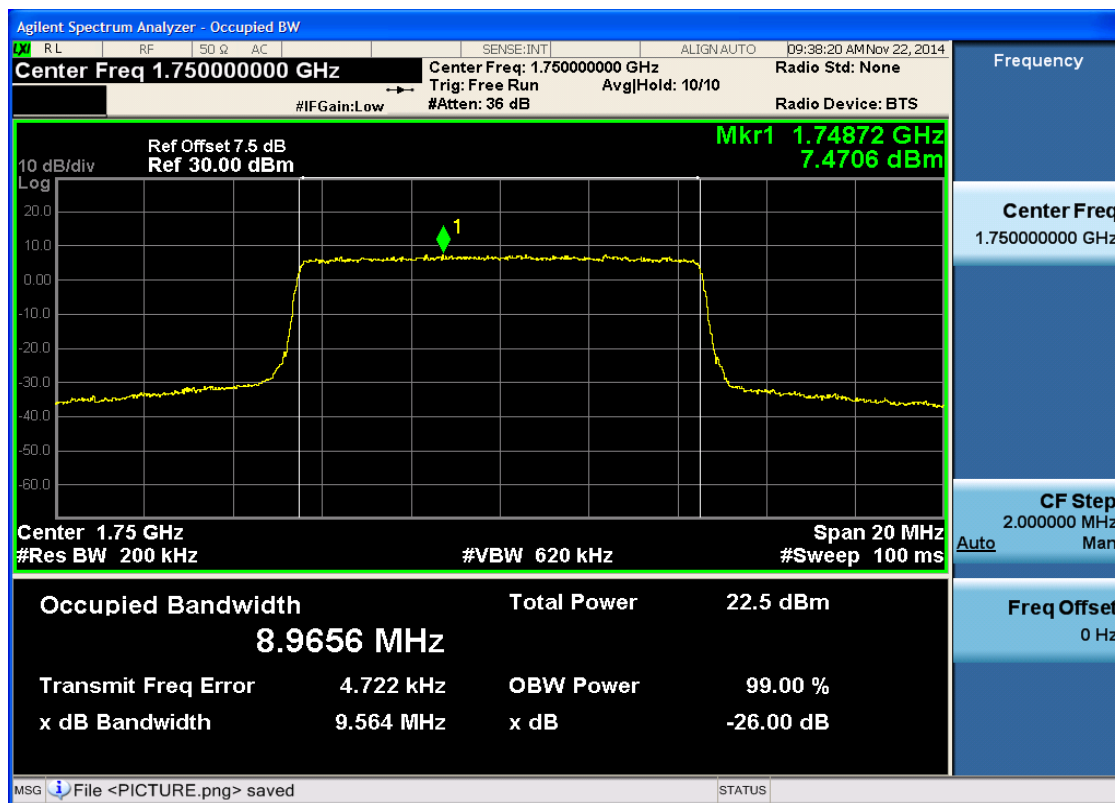
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

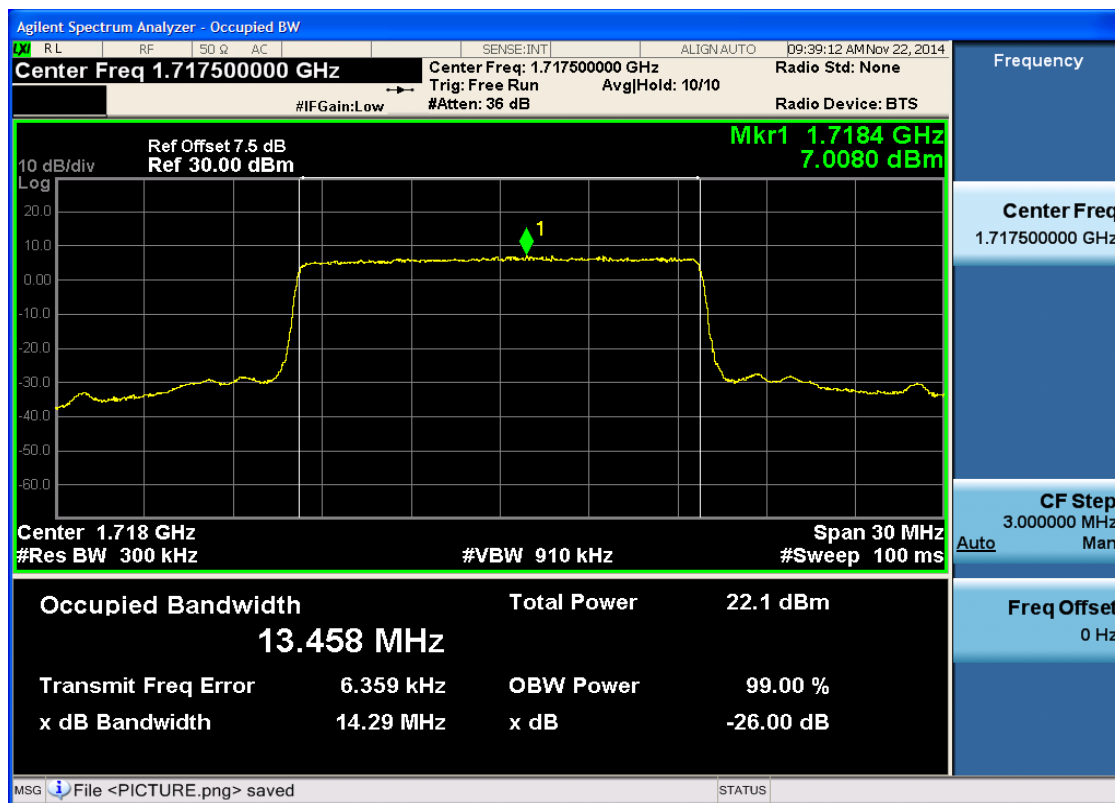
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

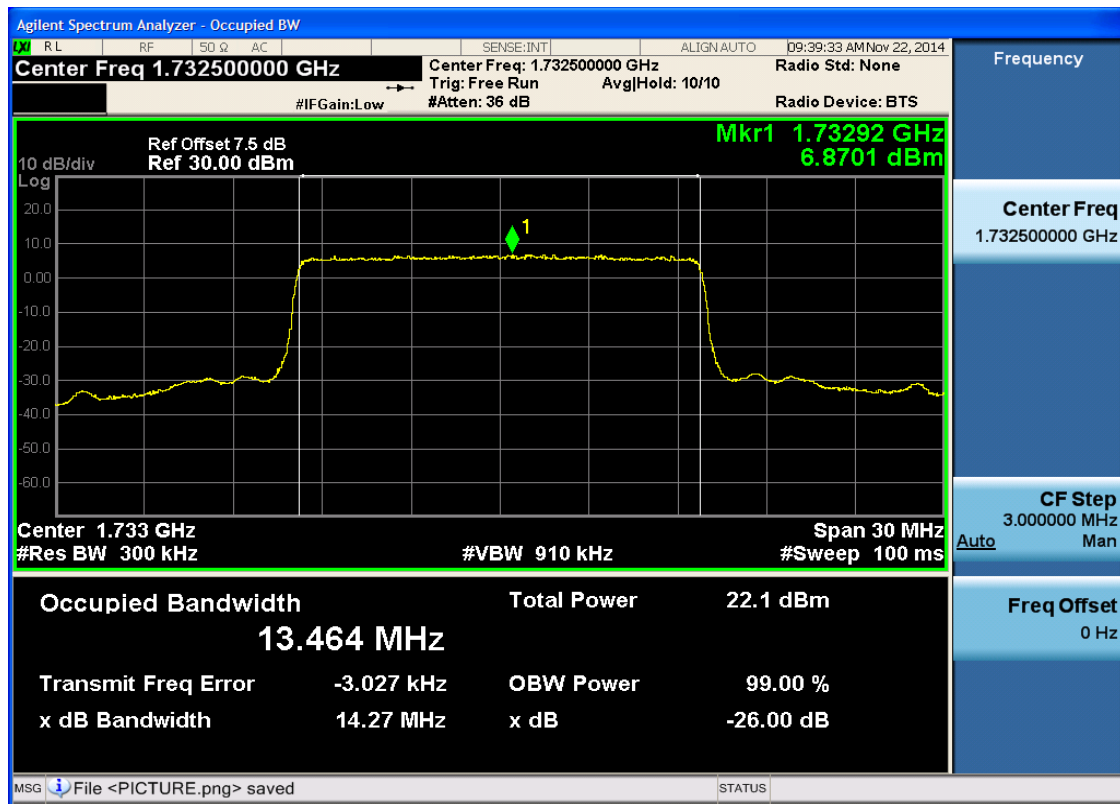
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

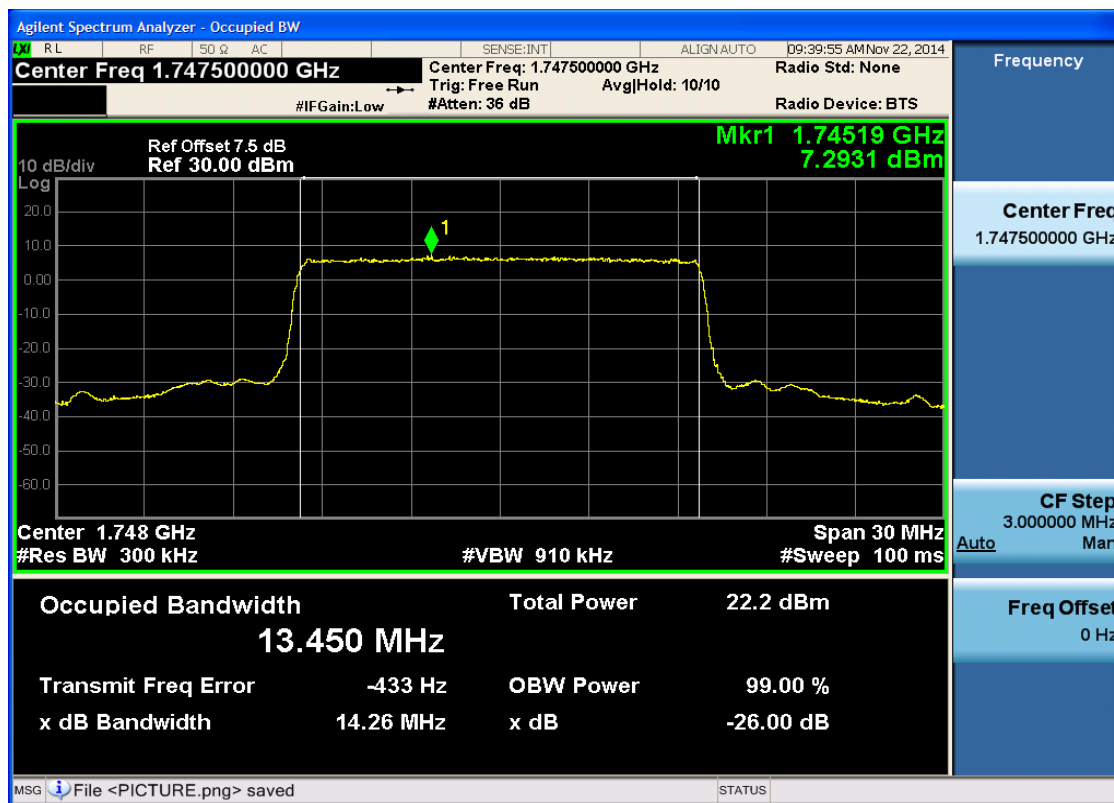
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

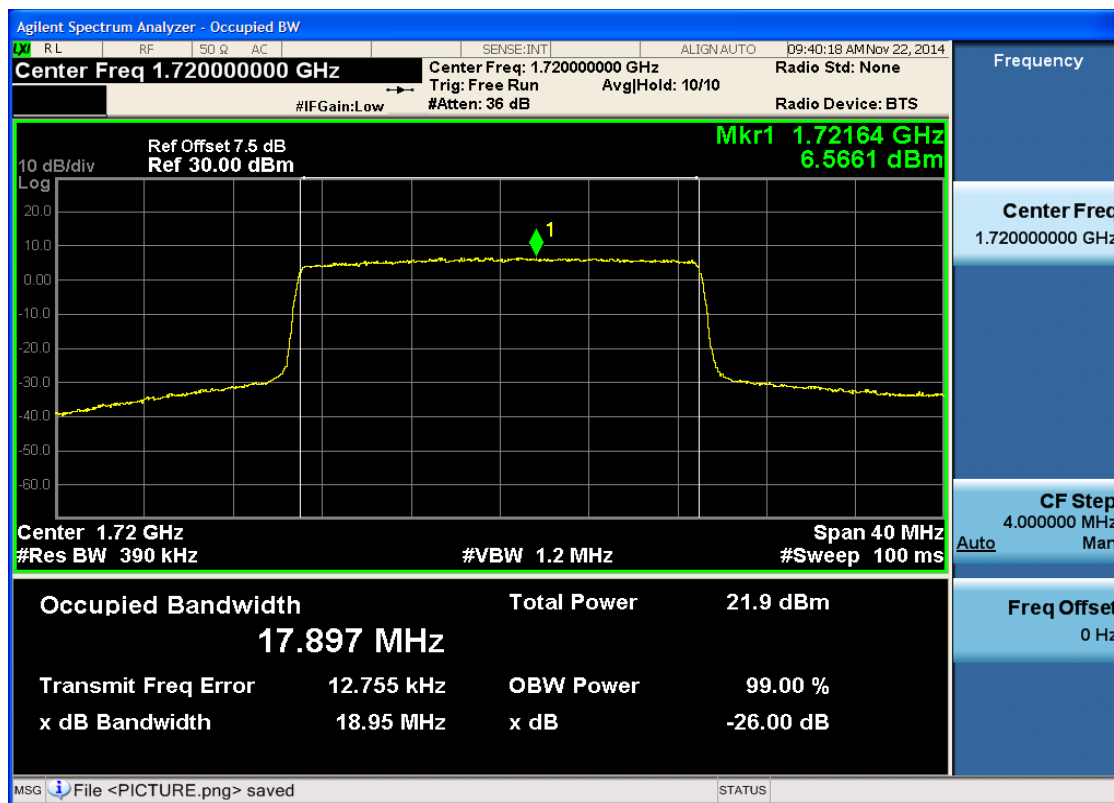




4.1.1.1.6 Test Bandwidth = 20

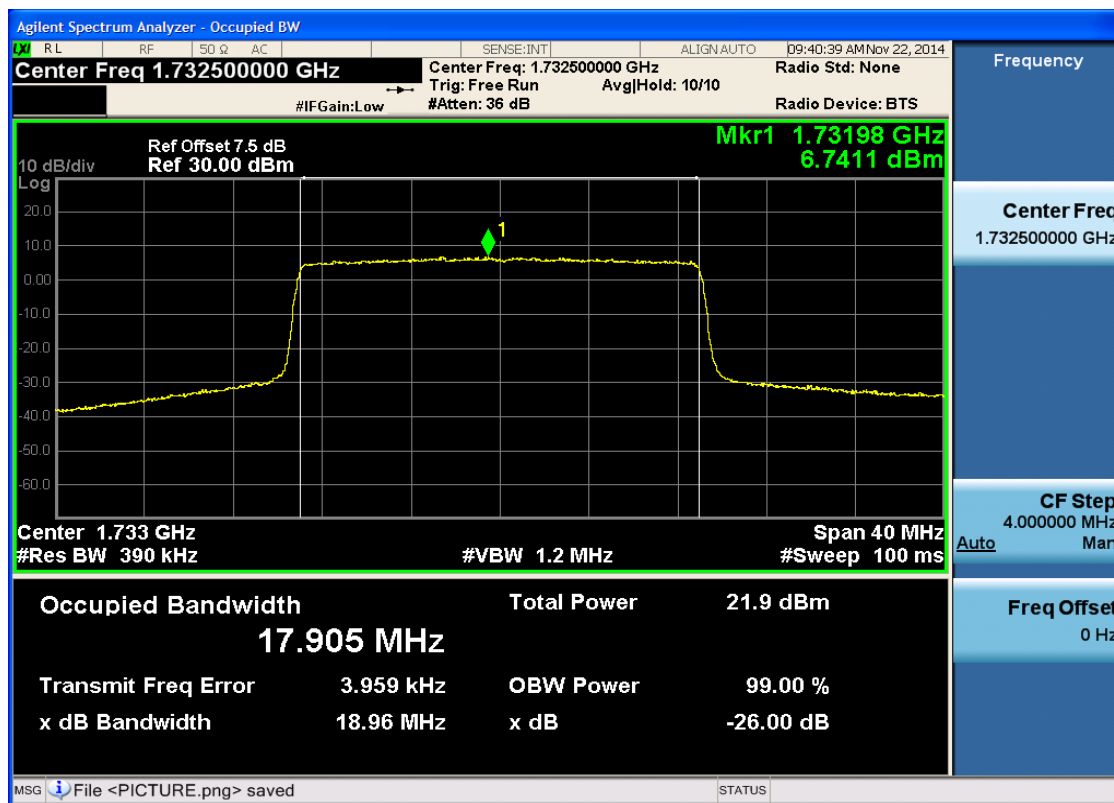
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



4.1.1.1.6.2 Test Channel = MCH

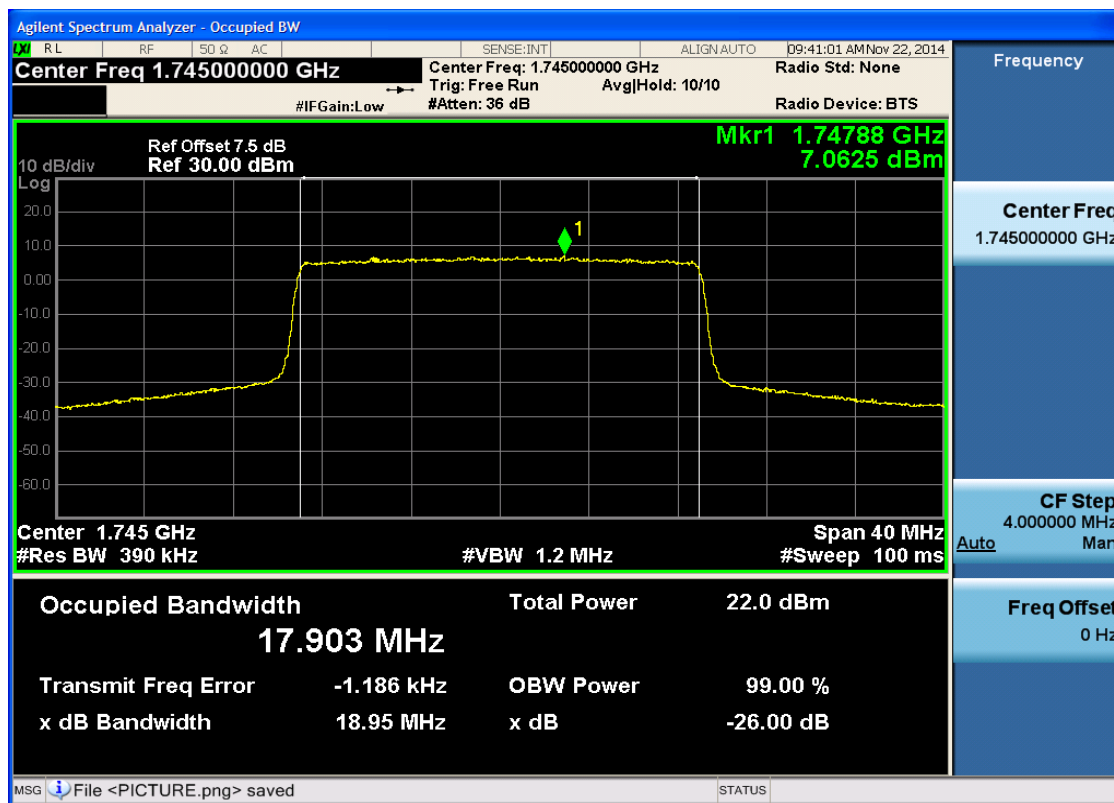
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



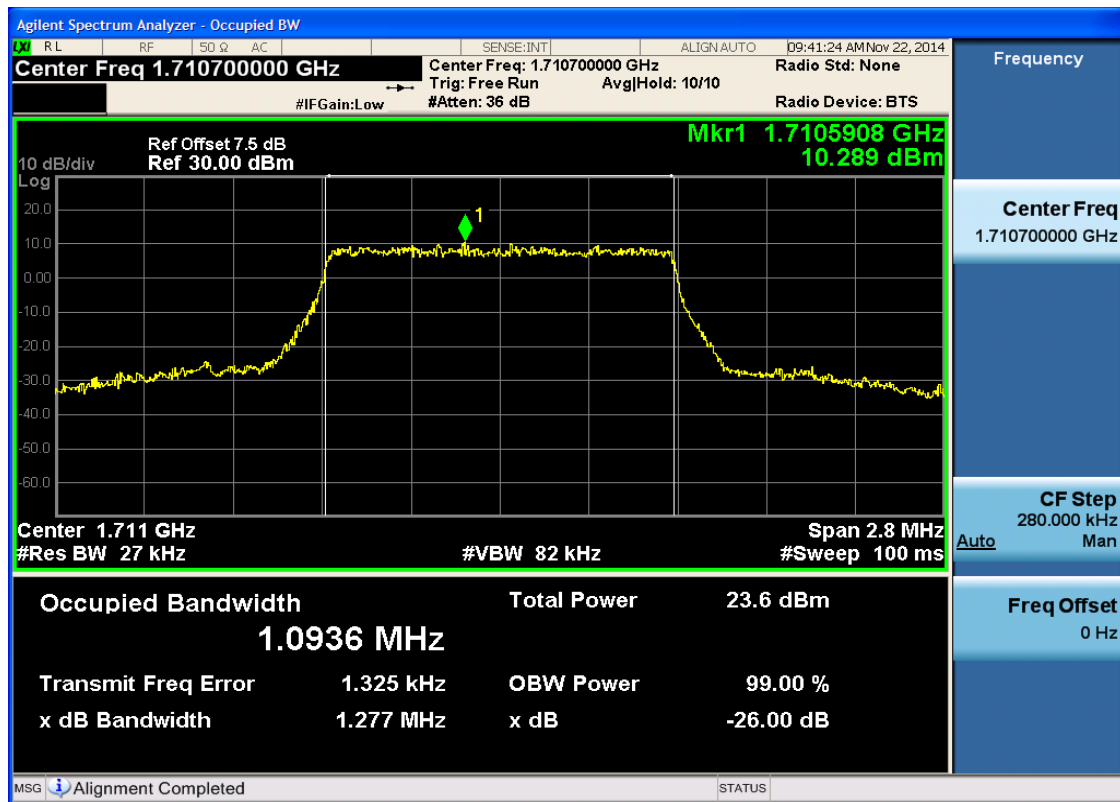


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

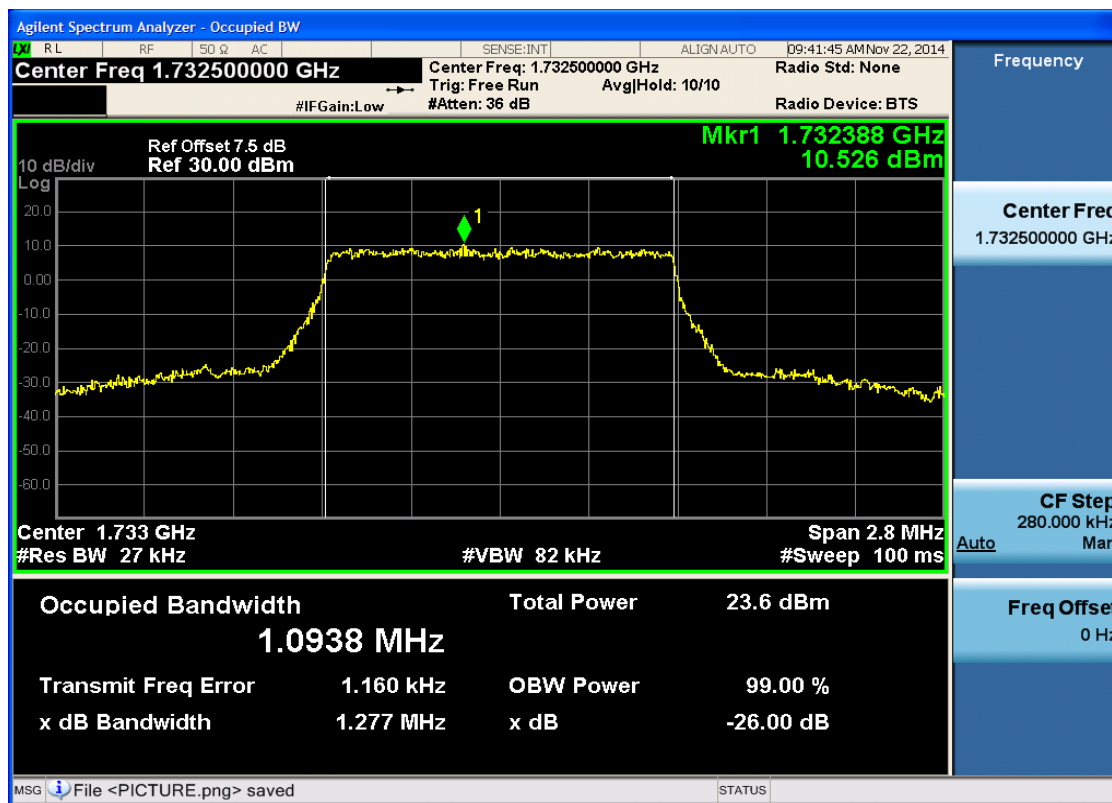
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

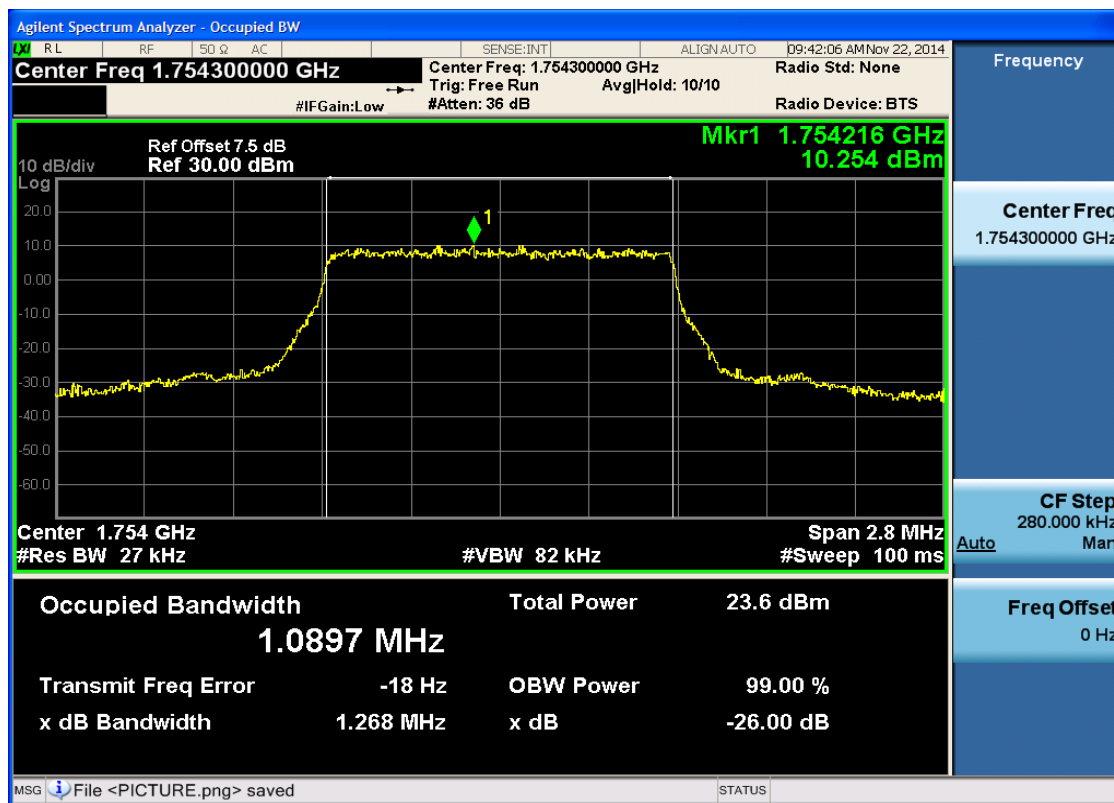
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

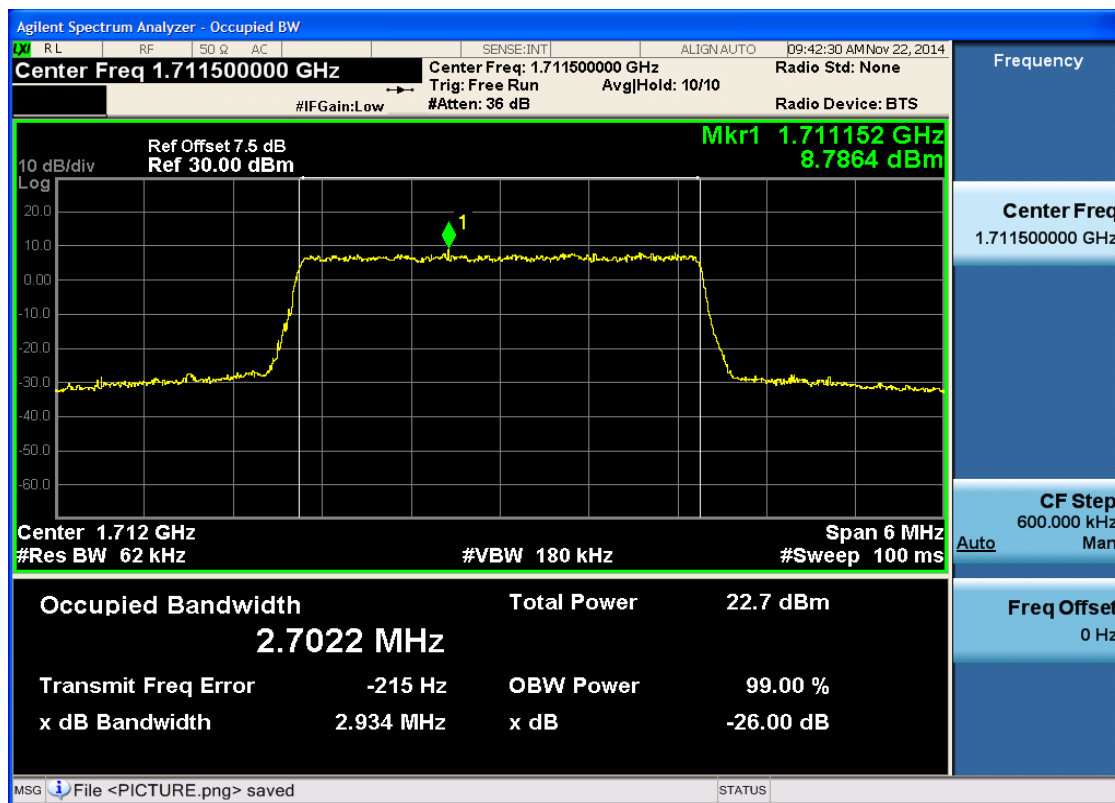
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

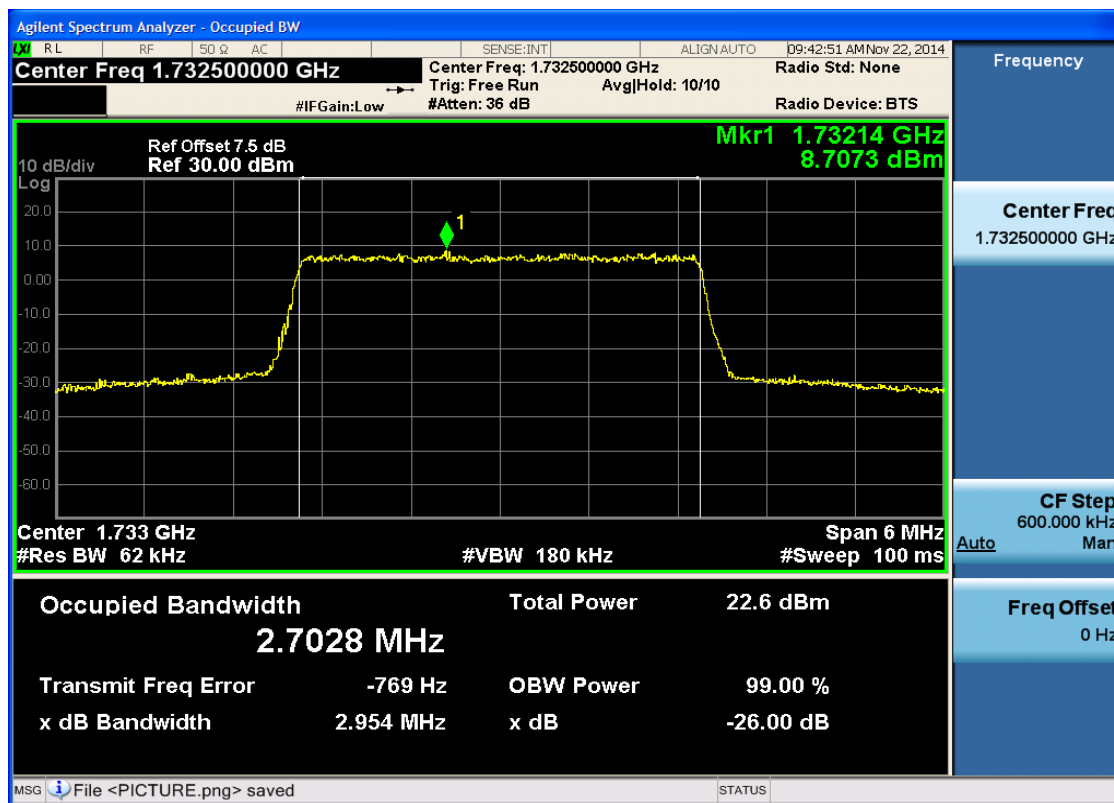
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

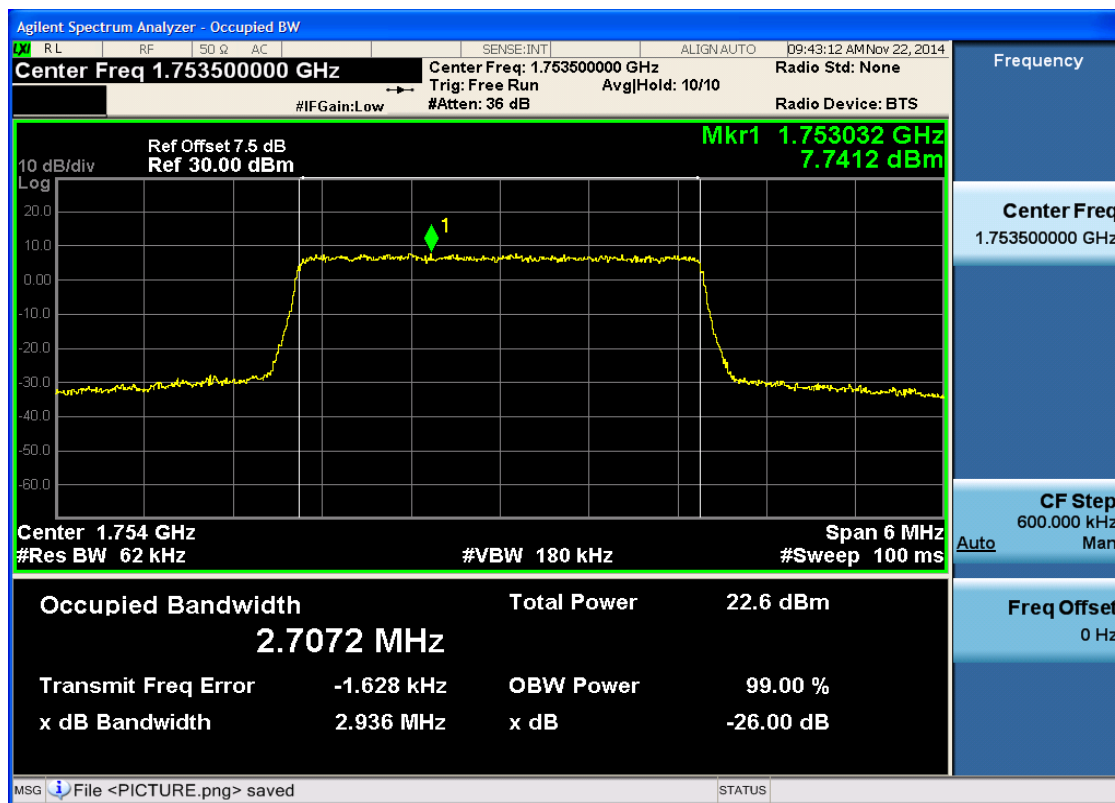
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

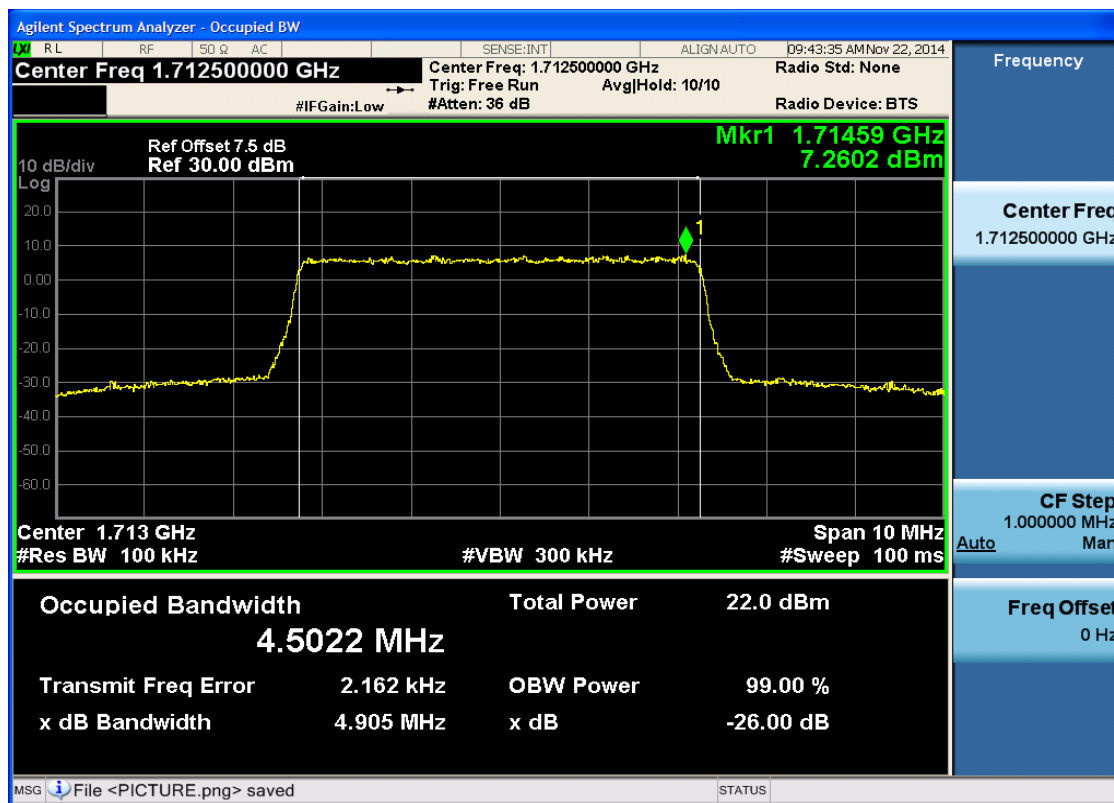




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

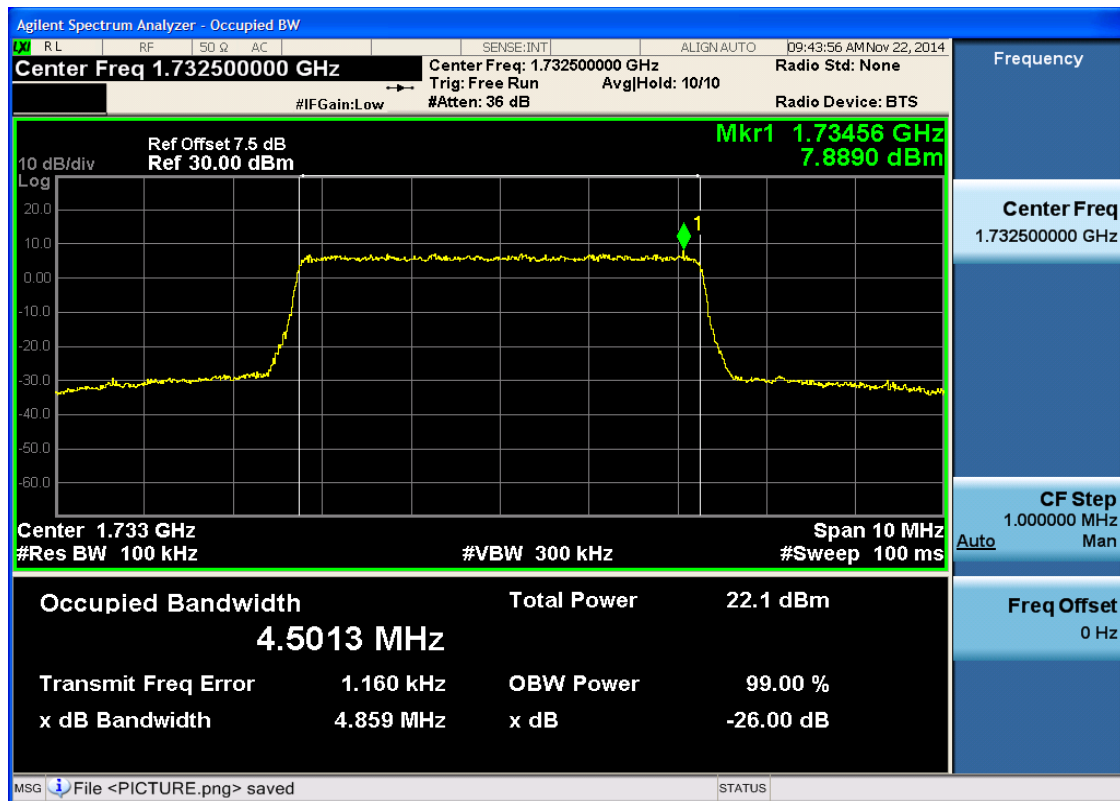
4.1.1.2.3.1.1 Test RB = RB25#0





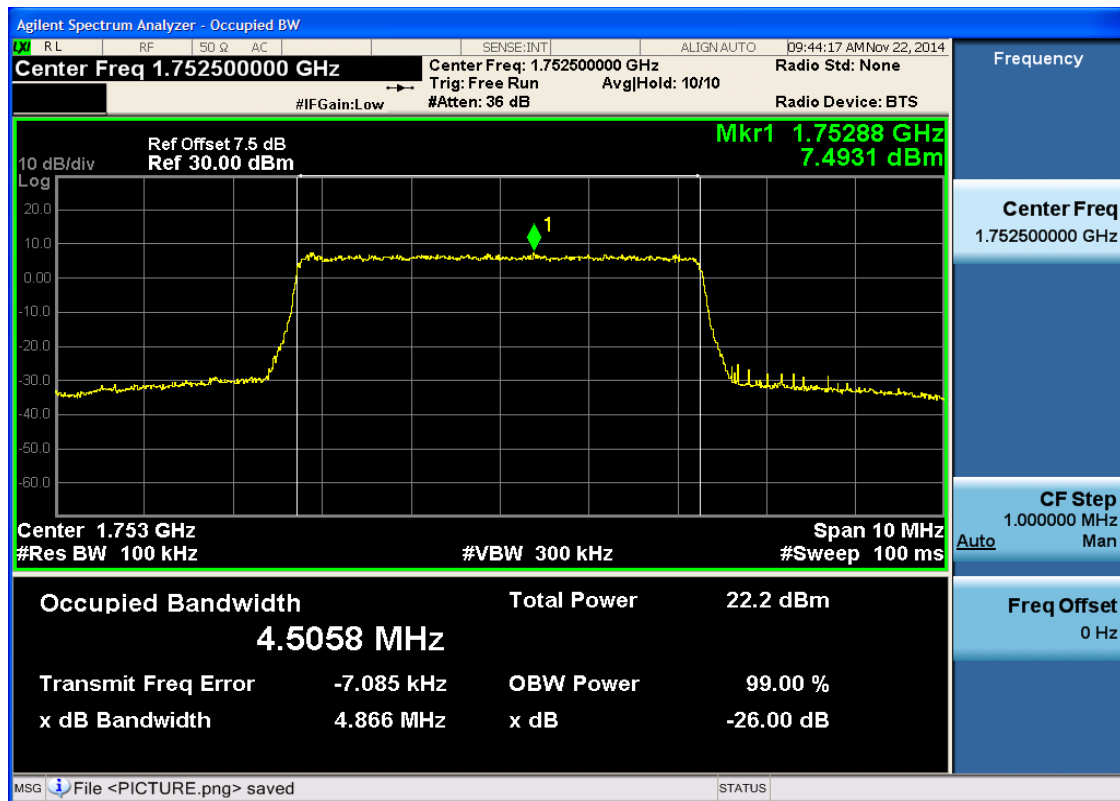
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

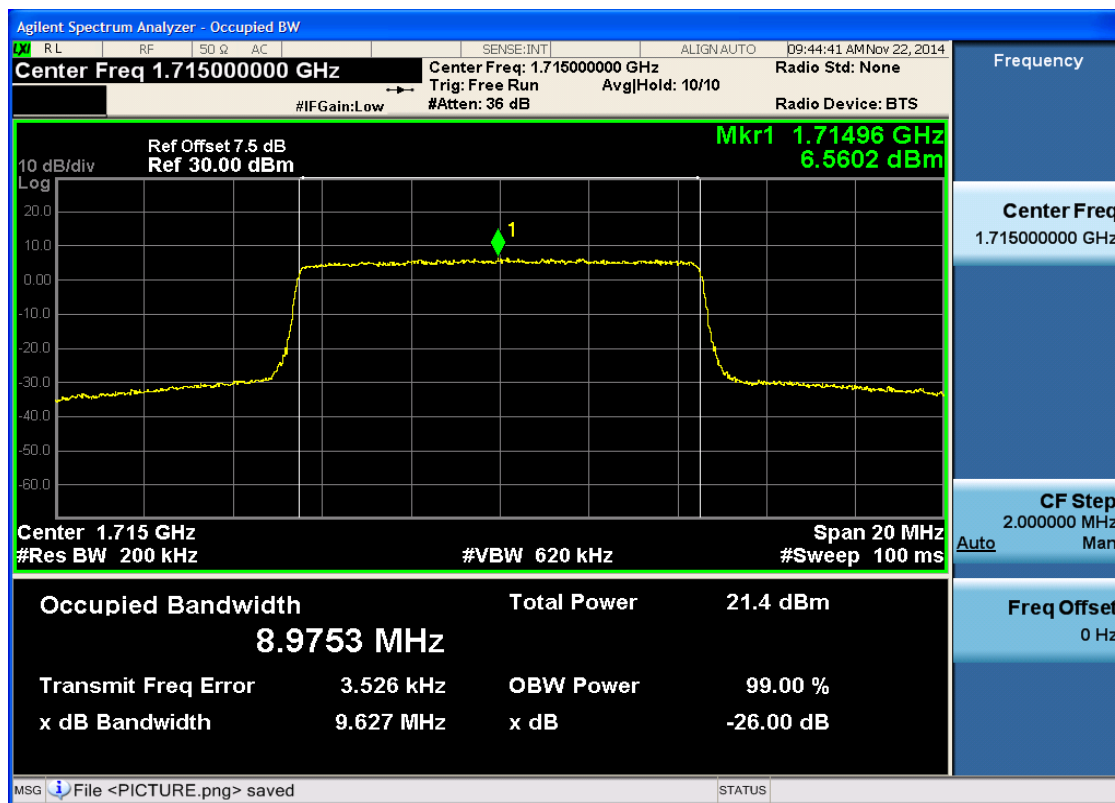
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

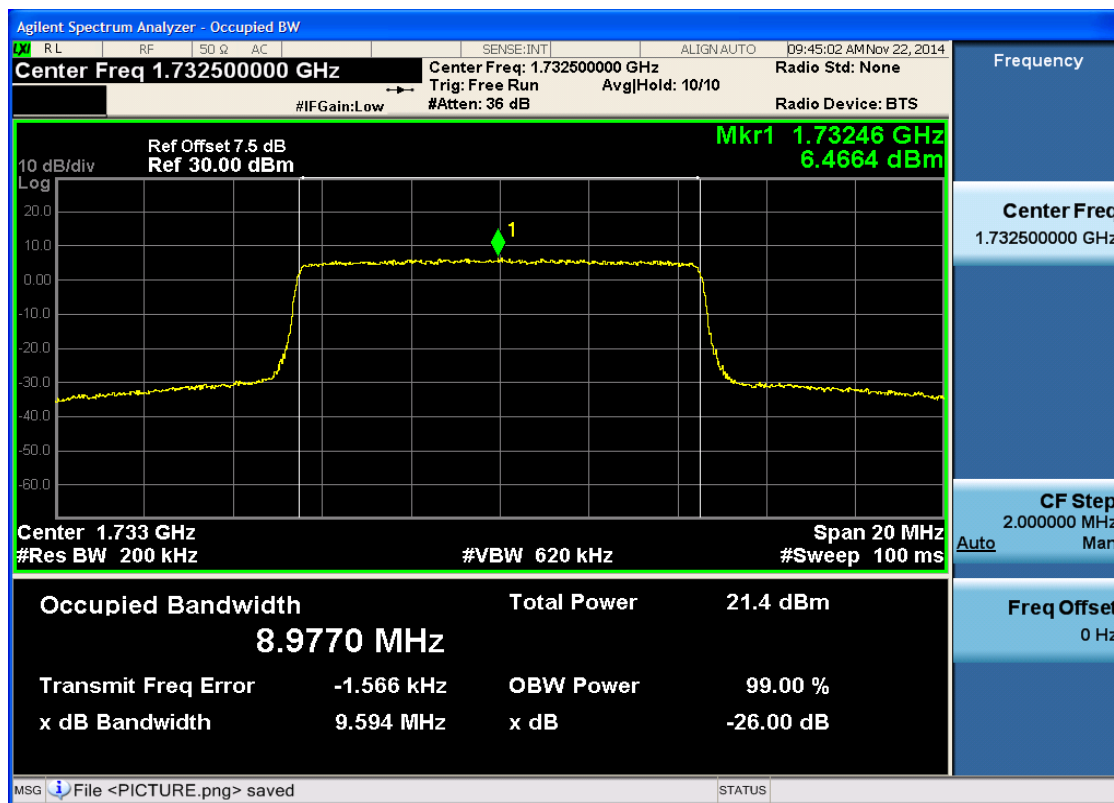
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

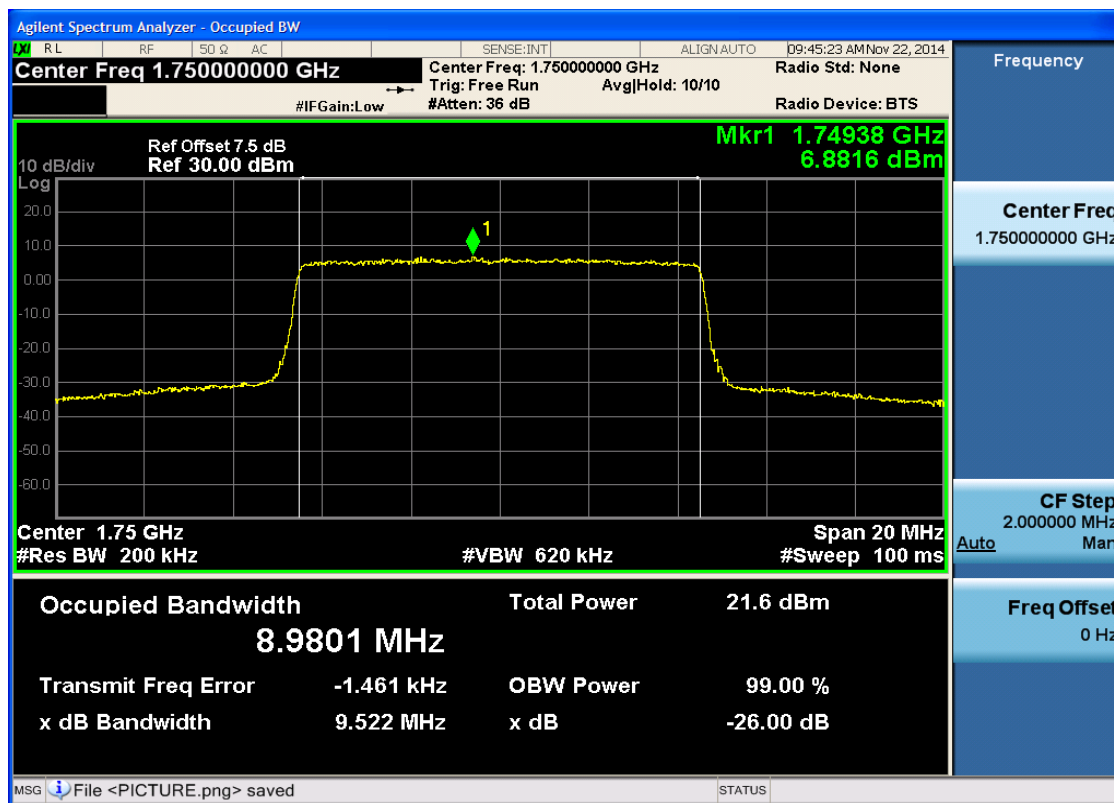
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

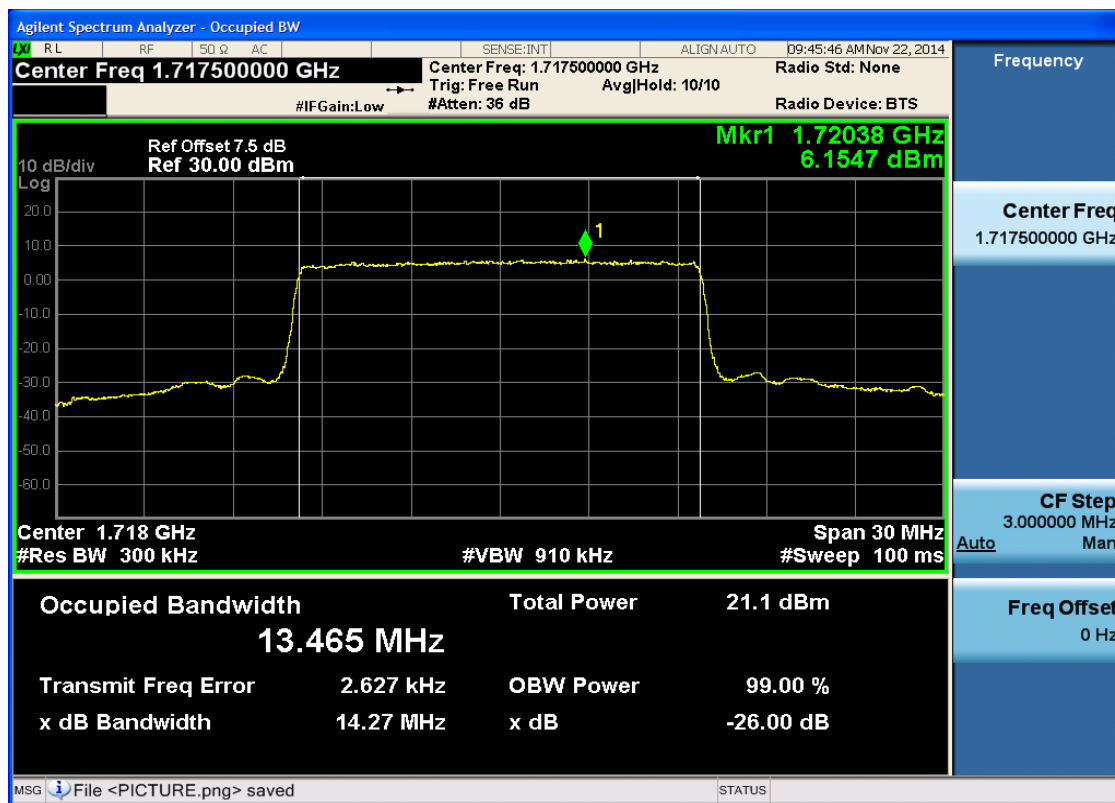
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

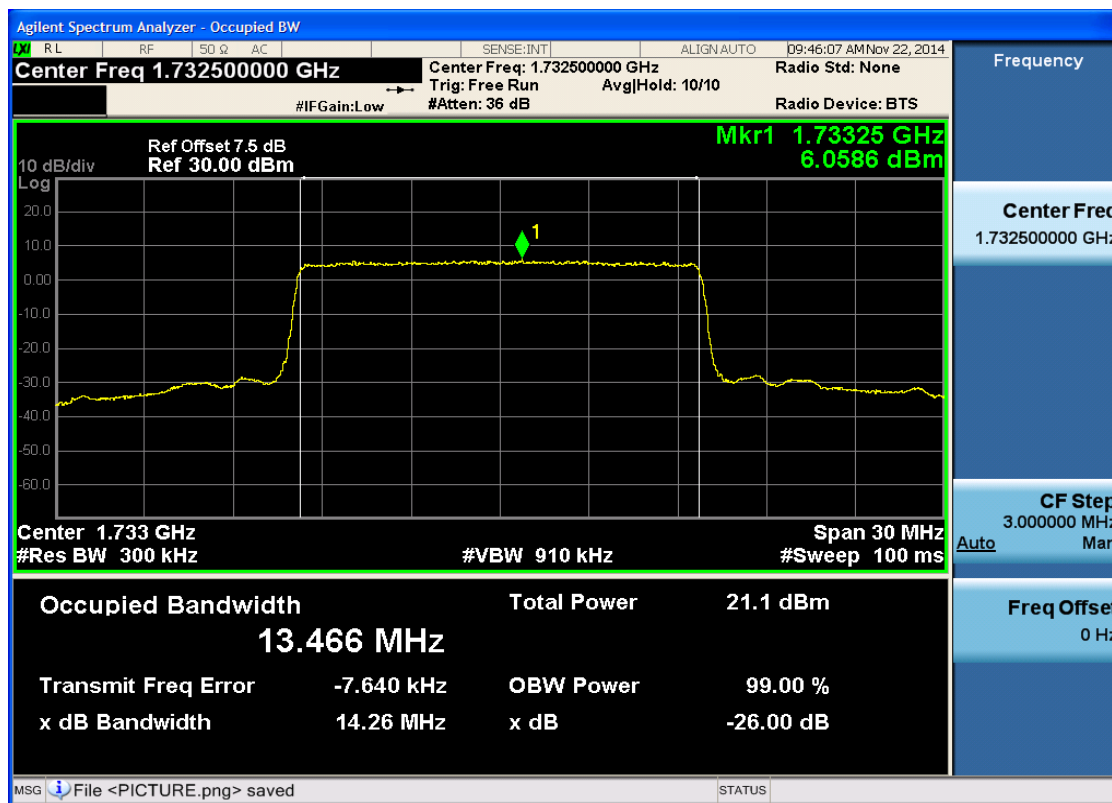
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

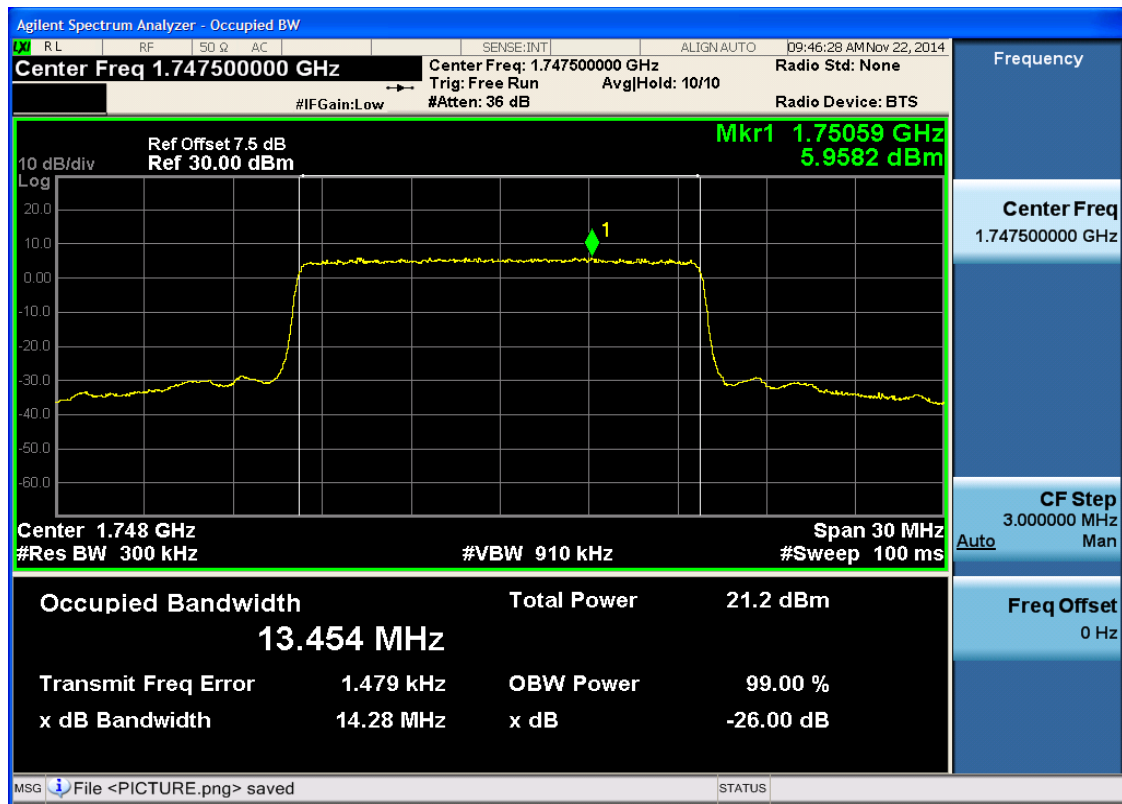
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

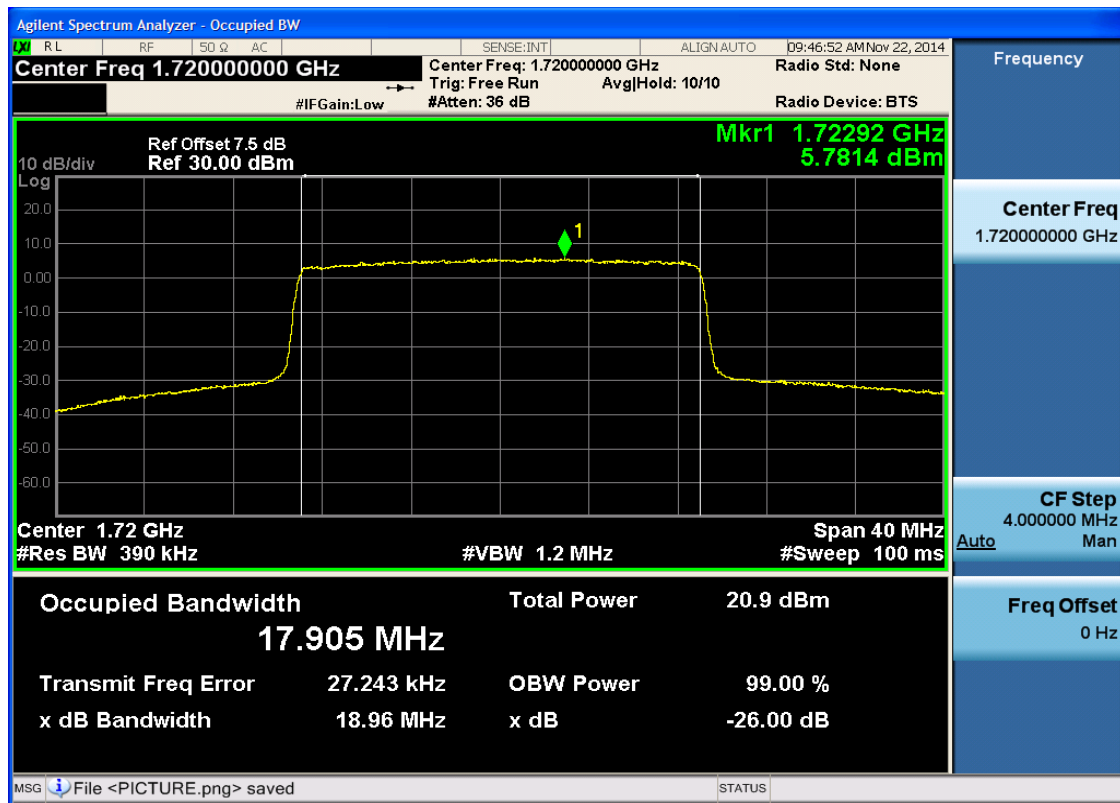




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

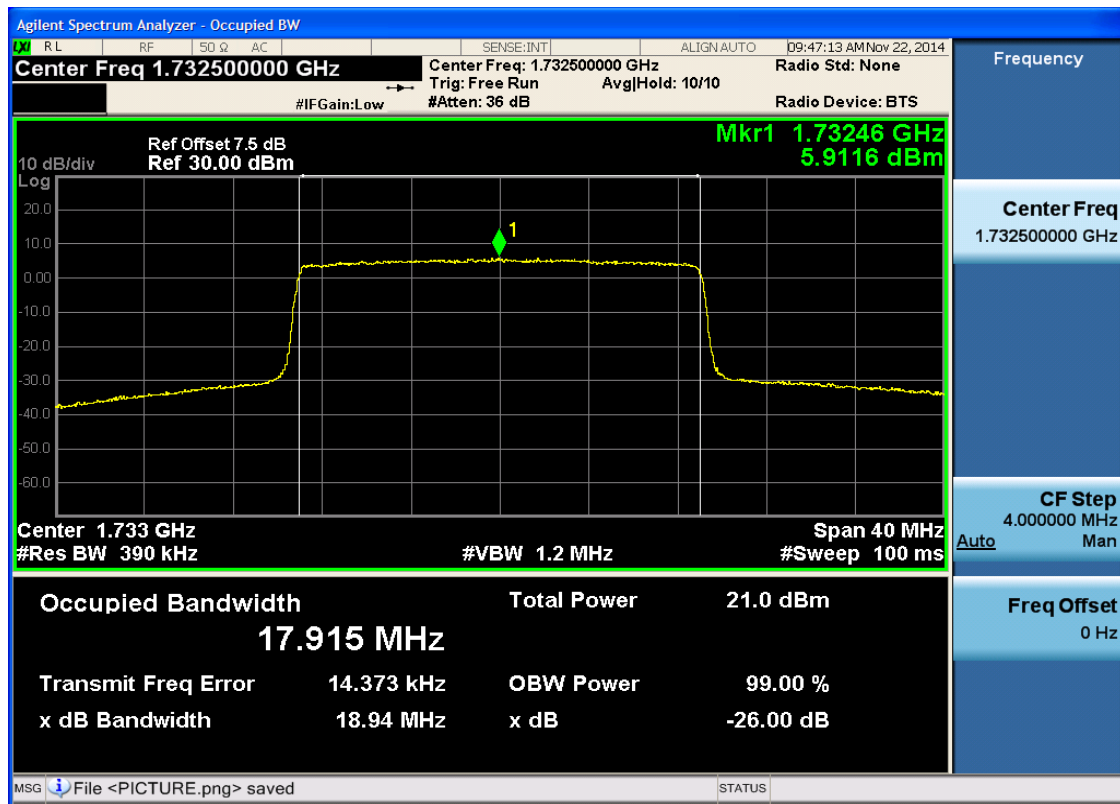
4.1.1.2.6.1.1 Test RB = RB100#0





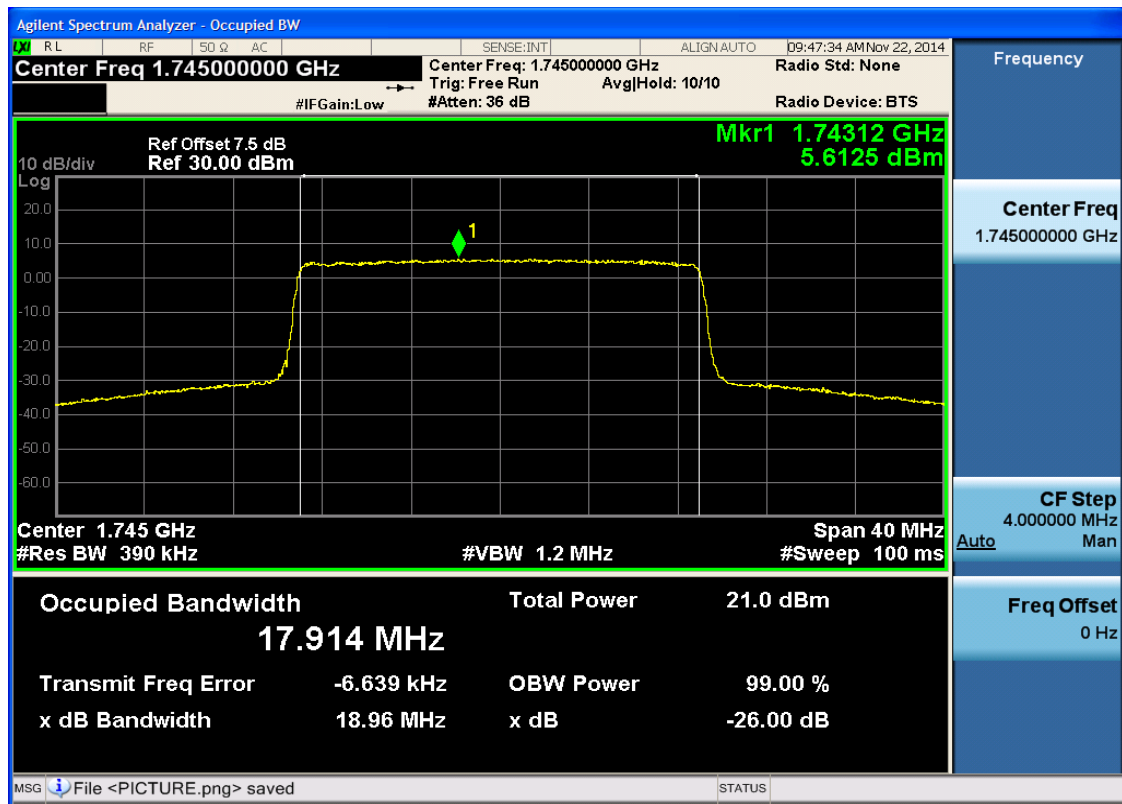
4.1.1.2.6.2 Test Channel = MCH

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



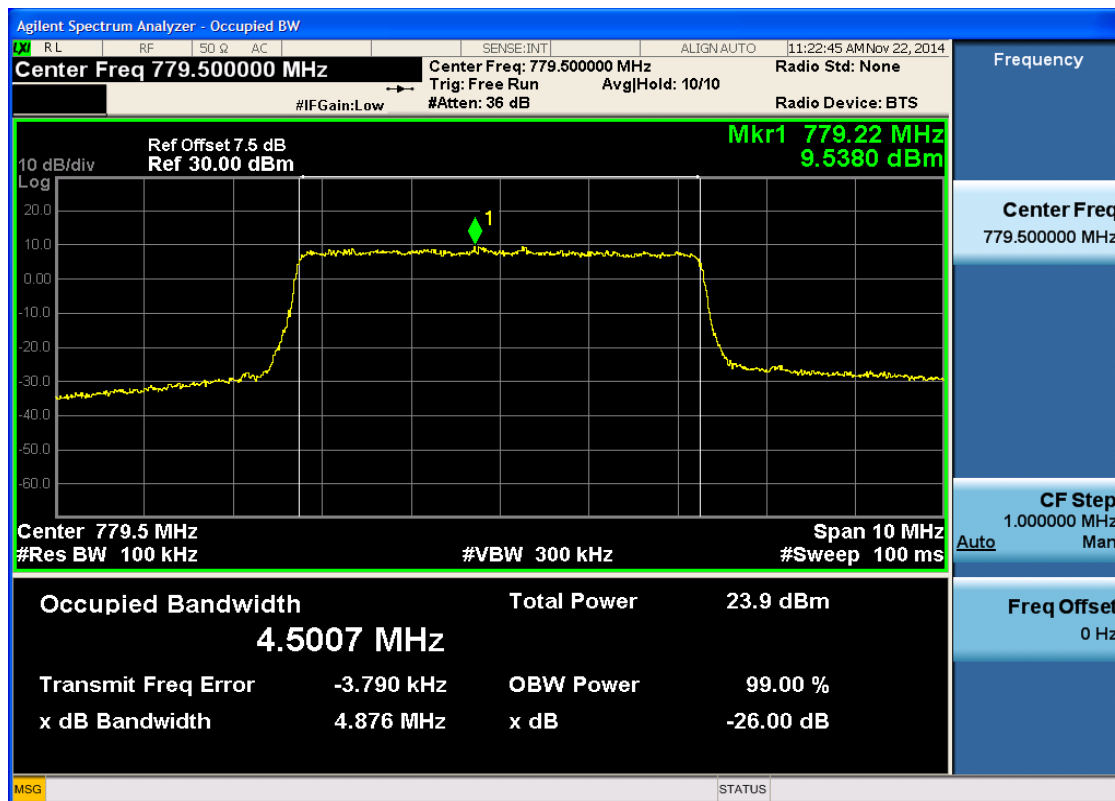
4.1.2 Test Band = BAND13

4.1.2.1 Test Mode = LTE/TM1

4.1.2.1.1 Test Bandwidth = 5

4.1.2.1.1.1 Test Channel = LCH

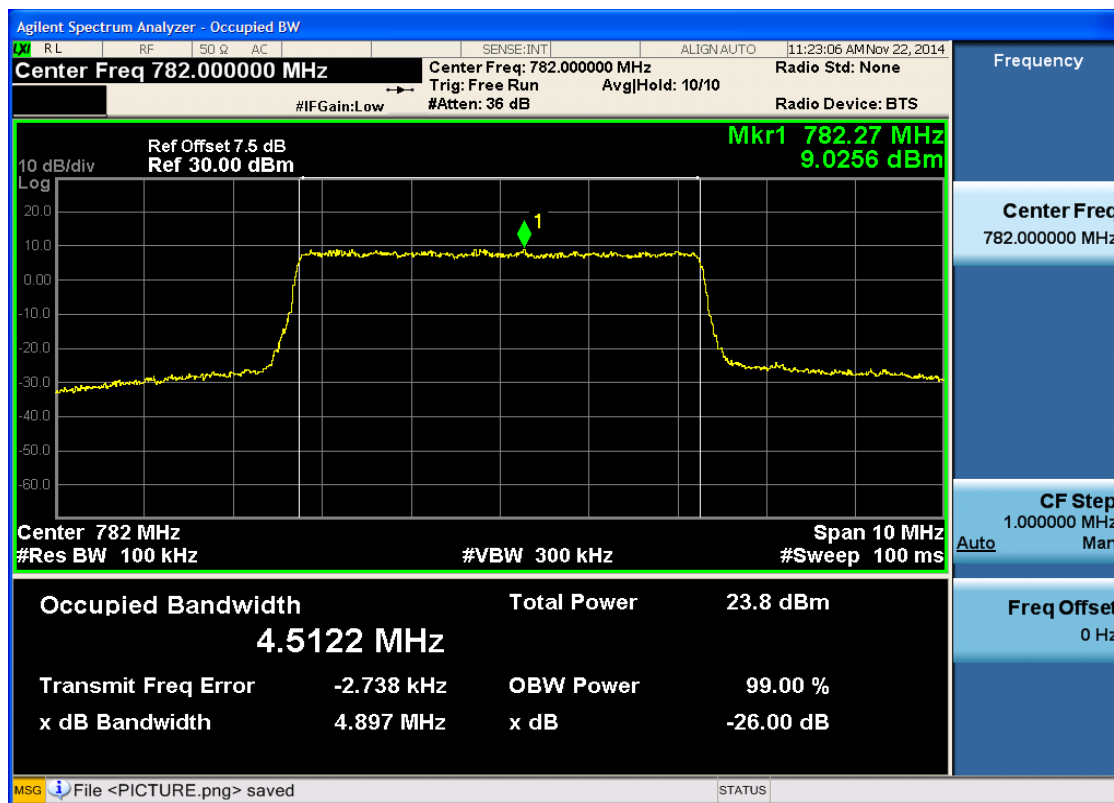
4.1.2.1.1.1.1 Test RB = RB25#0





4.1.2.1.1.2 Test Channel = MCH

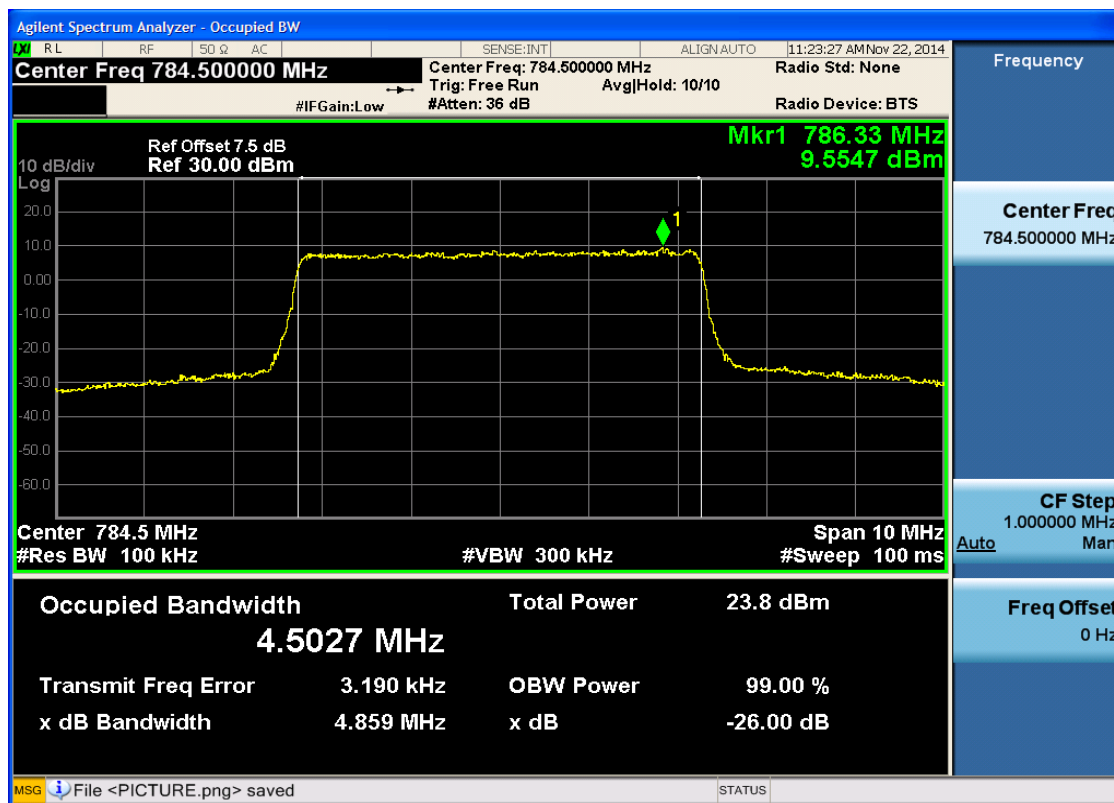
4.1.2.1.1.2.1 Test RB = RB25#0





4.1.2.1.1.3 Test Channel = HCH

4.1.2.1.1.3.1 Test RB = RB25#0

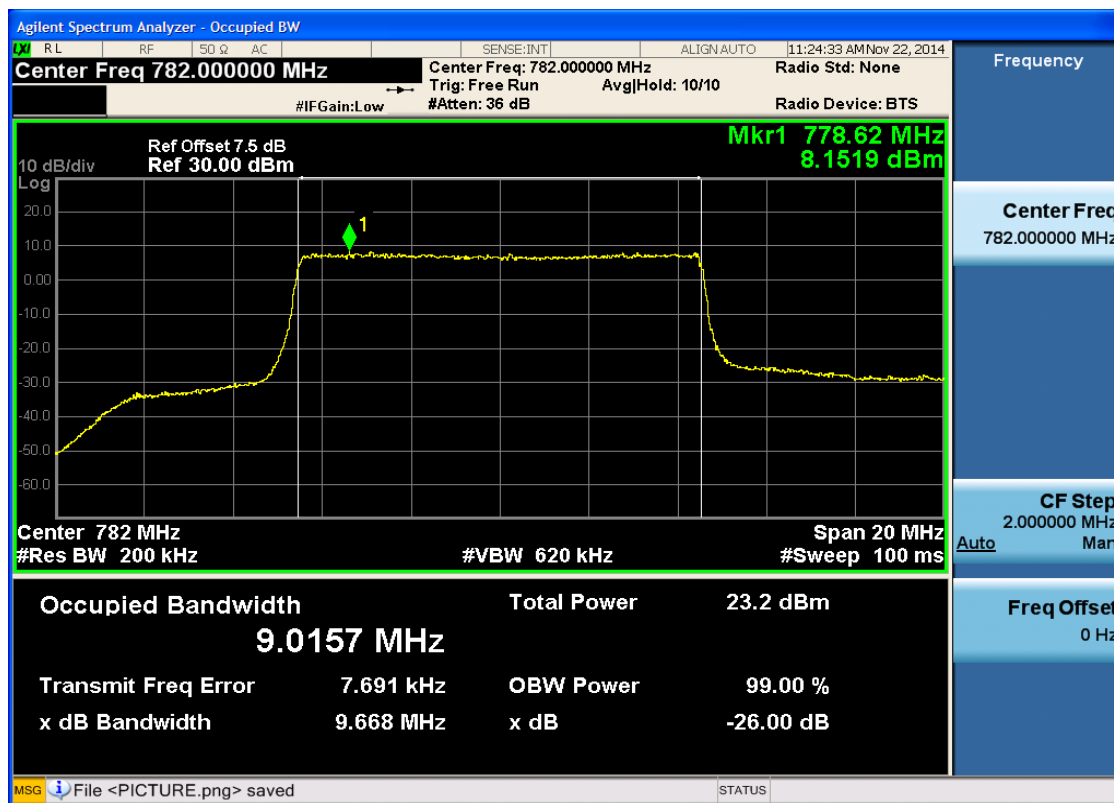




4.1.2.1.2 Test Bandwidth = 10

4.1.2.1.2.1 Test Channel = LCH

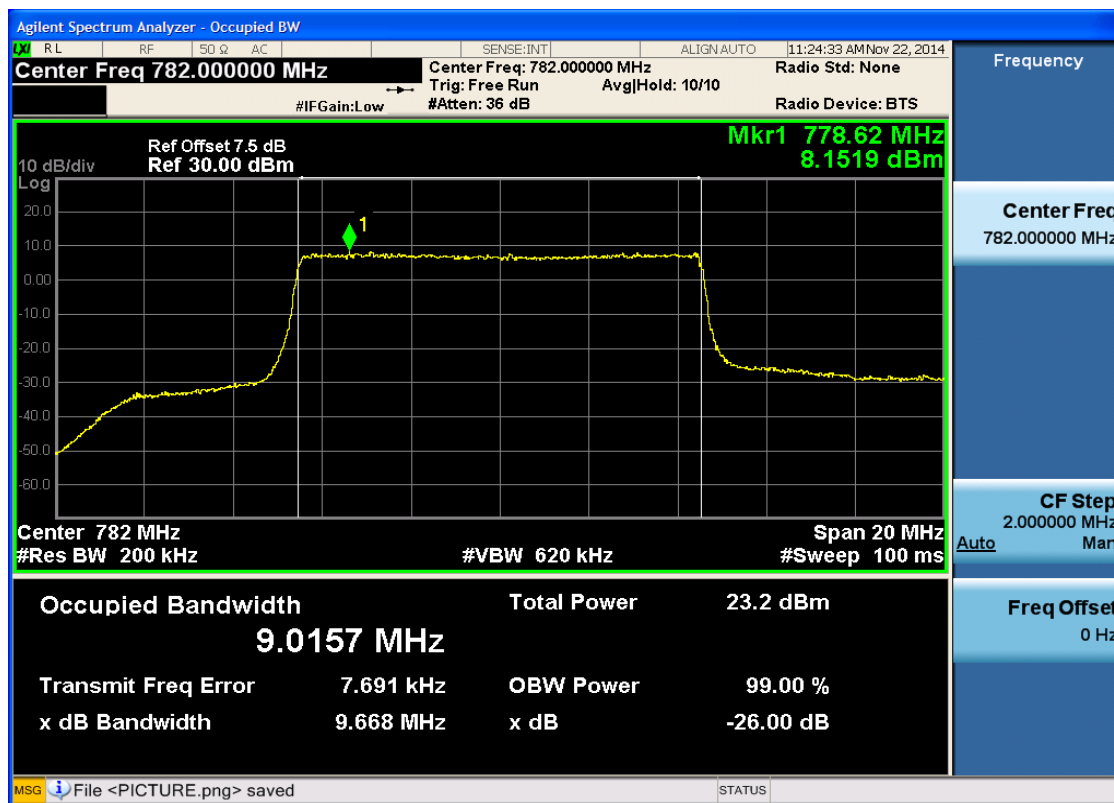
4.1.2.1.2.1.1 Test RB = RB50#0





4.1.2.1.2.2 Test Channel = MCH

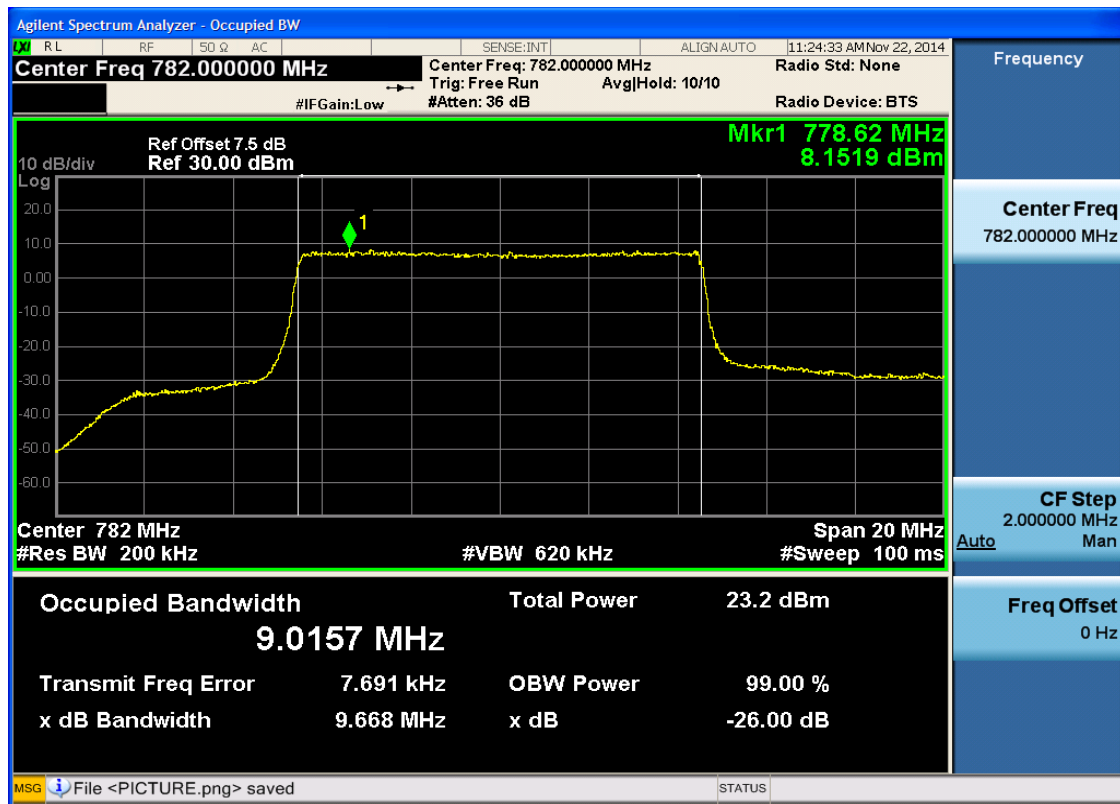
4.1.2.1.2.2.1 Test RB = RB50#0





4.1.2.1.2.3 Test Channel = HCH

4.1.2.1.2.3.1 Test RB = RB50#0



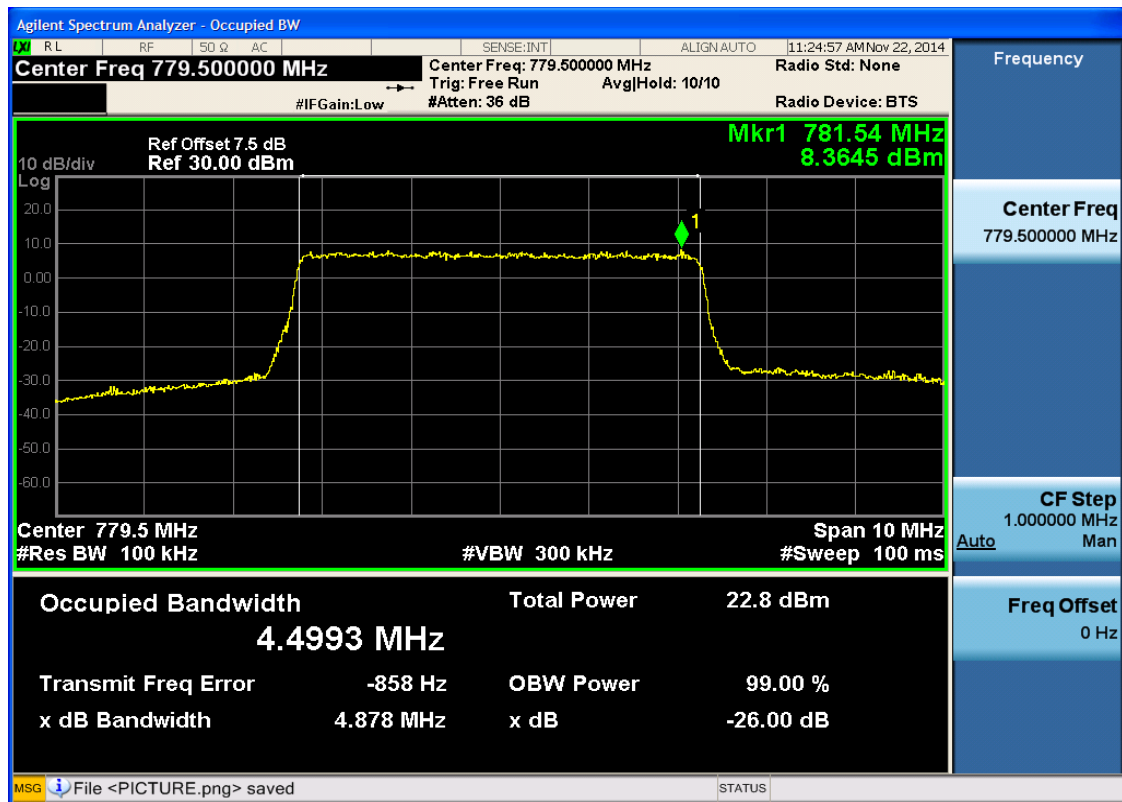


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 5

4.1.2.2.1.1 Test Channel = LCH

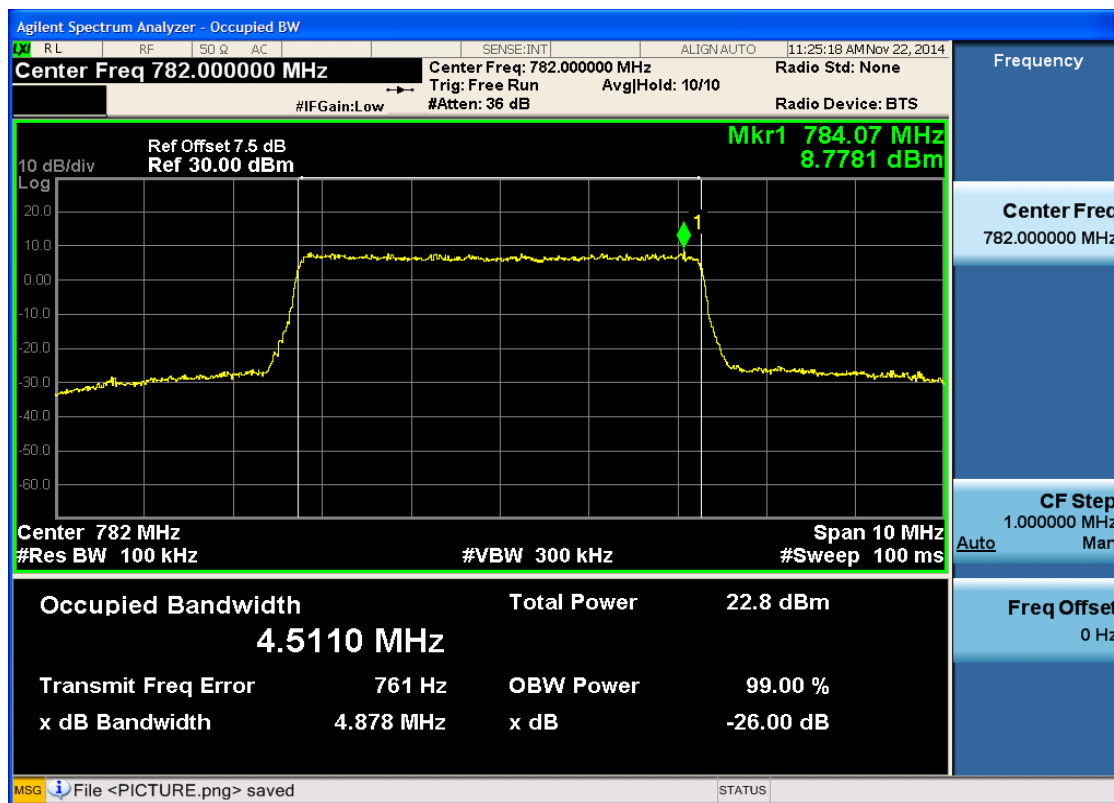
4.1.2.2.1.1.1 Test RB = RB25#0





4.1.2.2.1.2 Test Channel = MCH

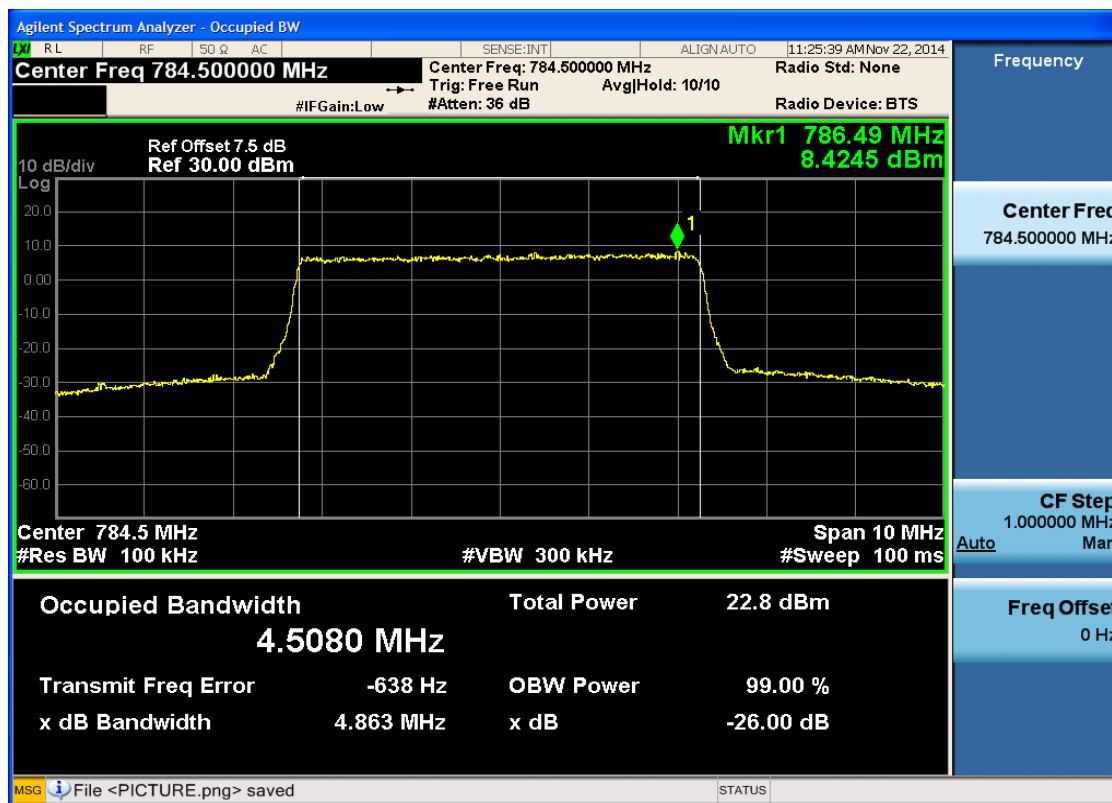
4.1.2.2.1.2.1 Test RB = RB25#0

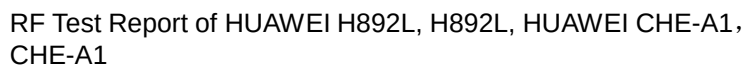




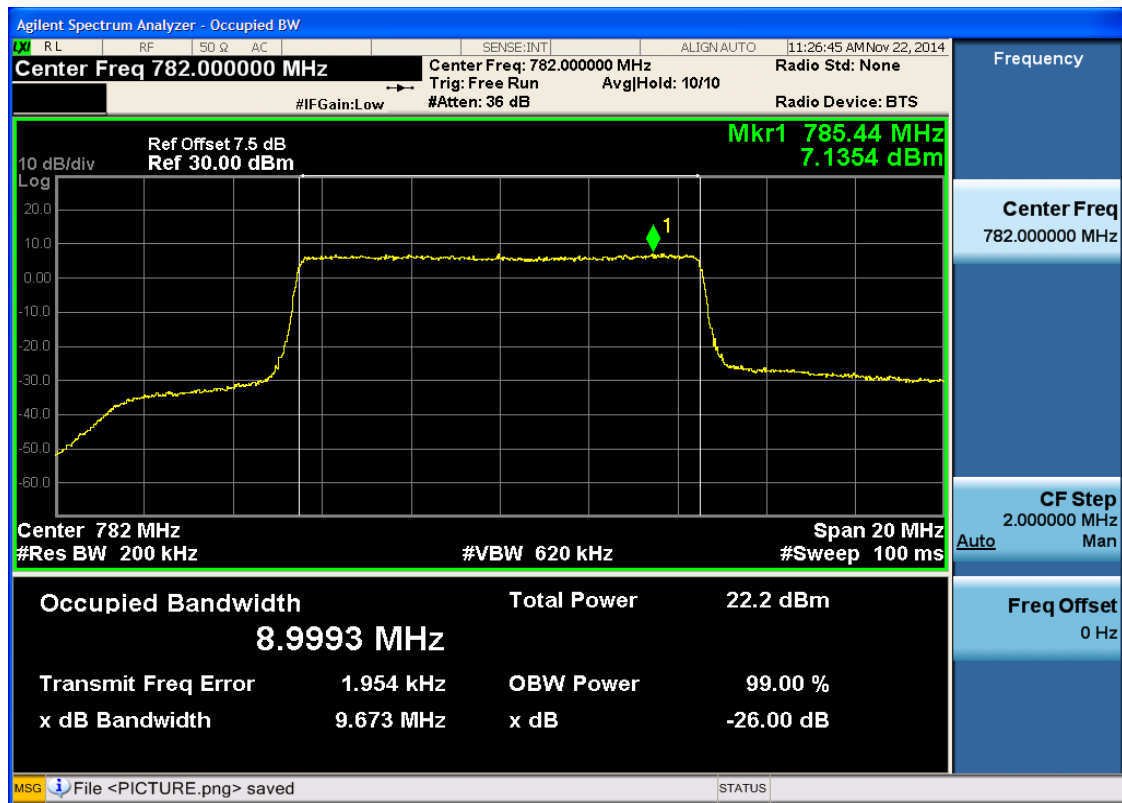
4.1.2.2.1.3 Test Channel = HCH

4.1.2.2.1.3.1 Test RB = RB25#0



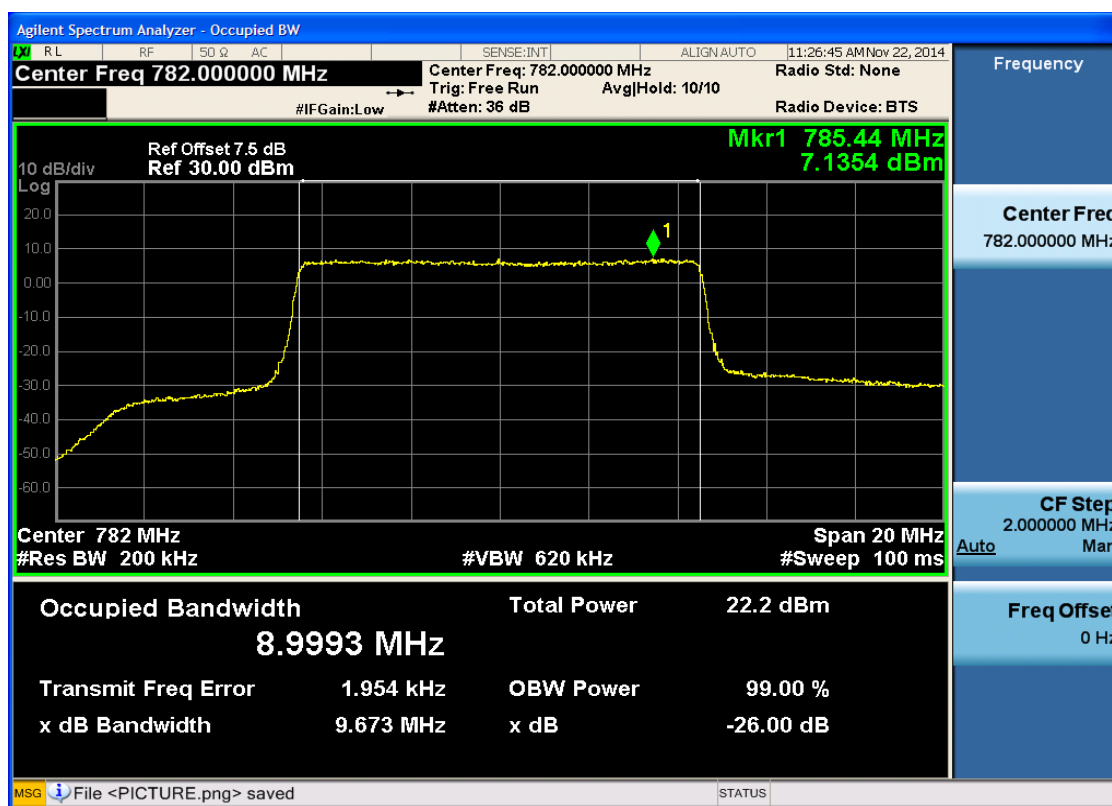


4.1.2.2.2.1.1 Test RB = RB50#0



4.1.2.2.2.2 Test Channel = MCH

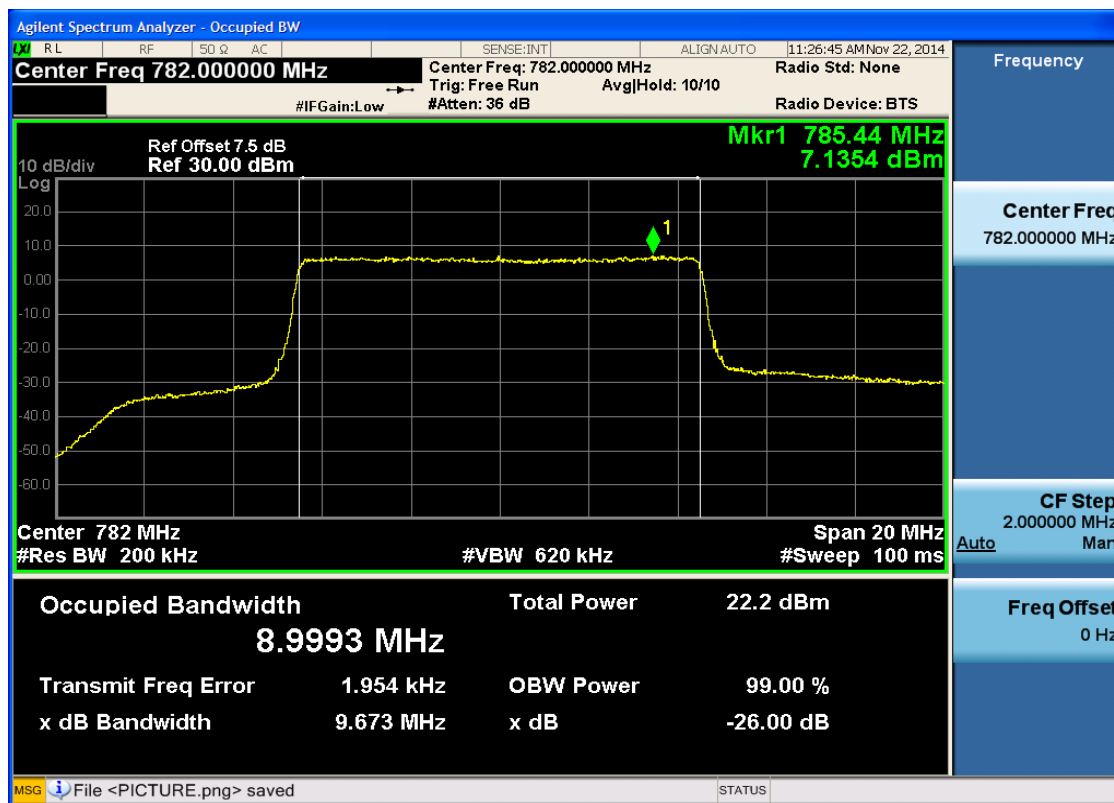
4.1.2.2.2.1 Test RB = RB50#0





4.1.2.2.2.3 Test Channel = HCH

4.1.2.2.2.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

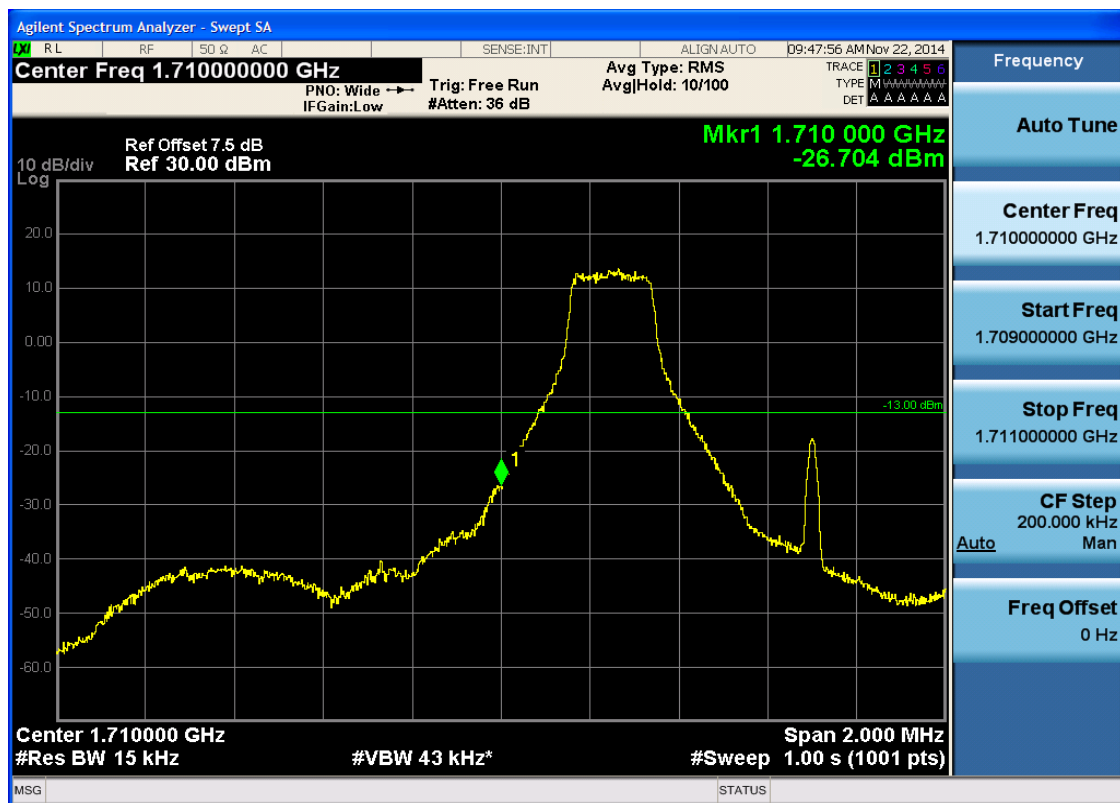
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

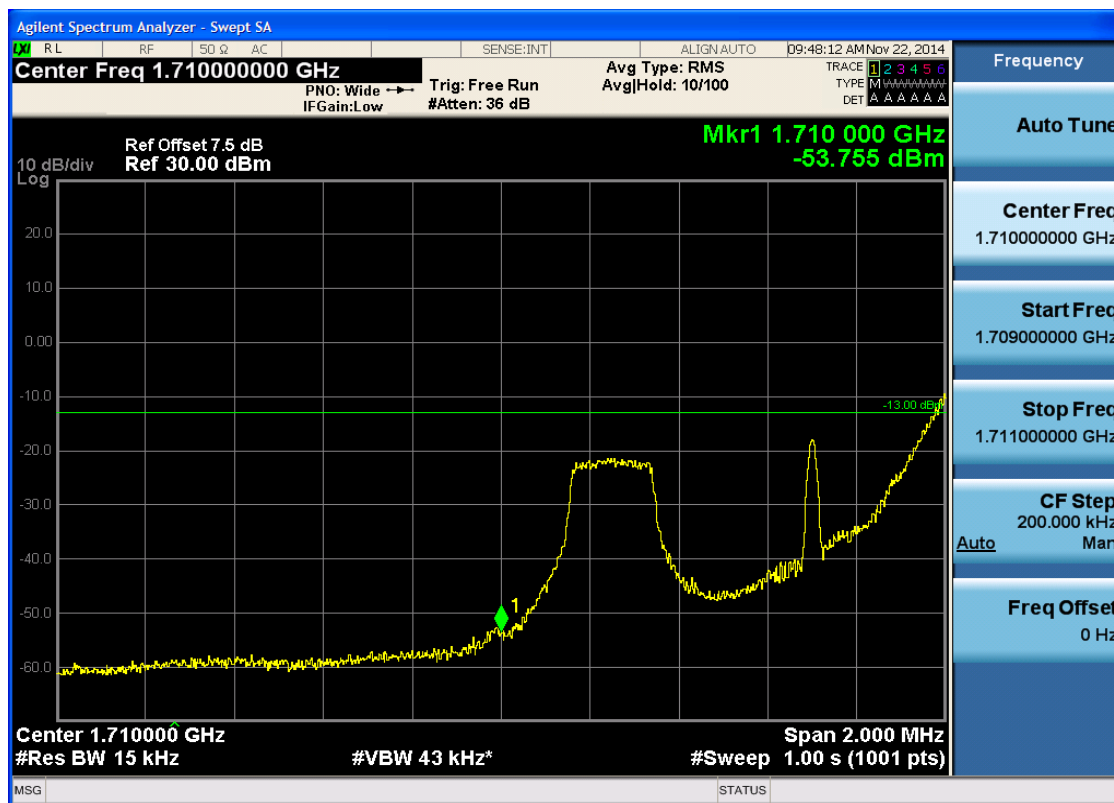
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



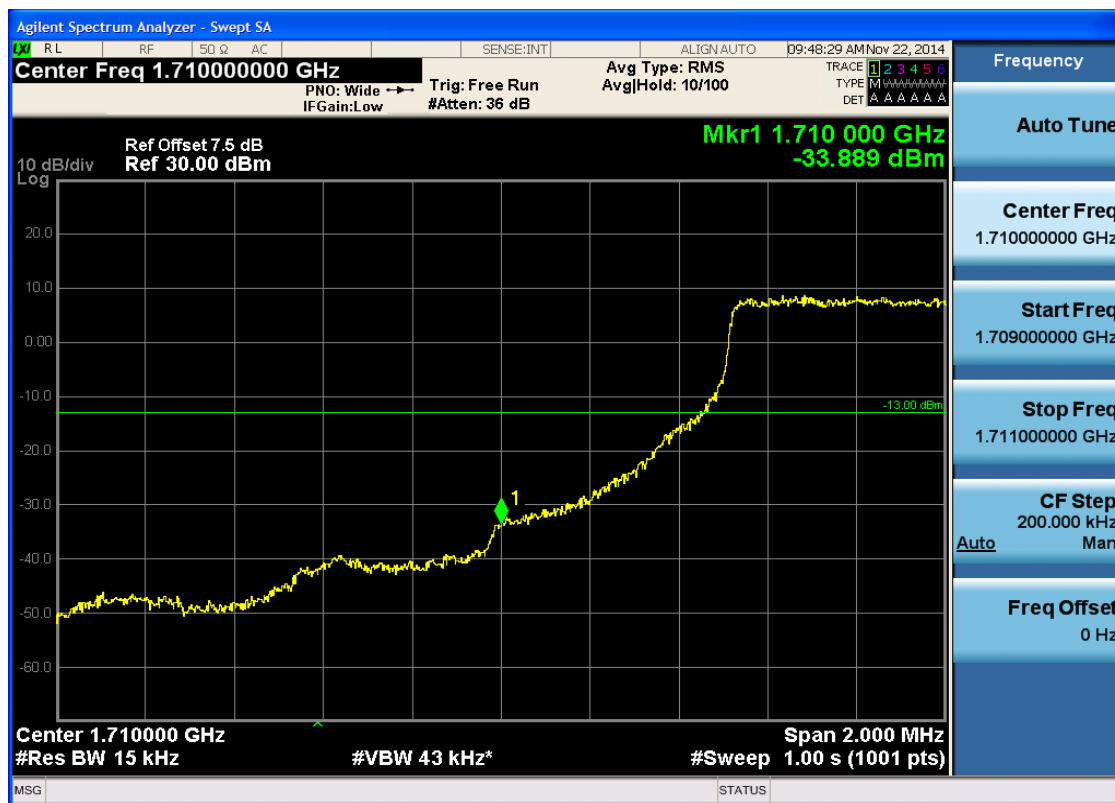


5.1.1.1.1.2 Test RB = RB1#5



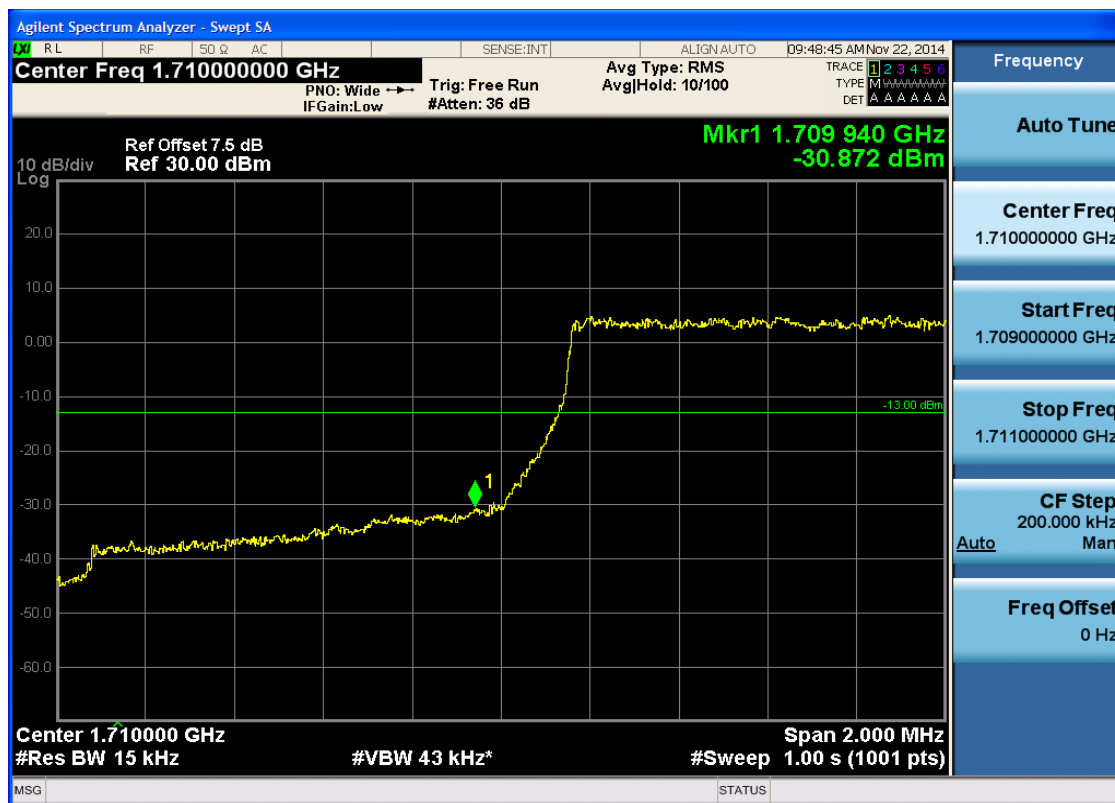


5.1.1.1.1.3 Test RB = RB3#2





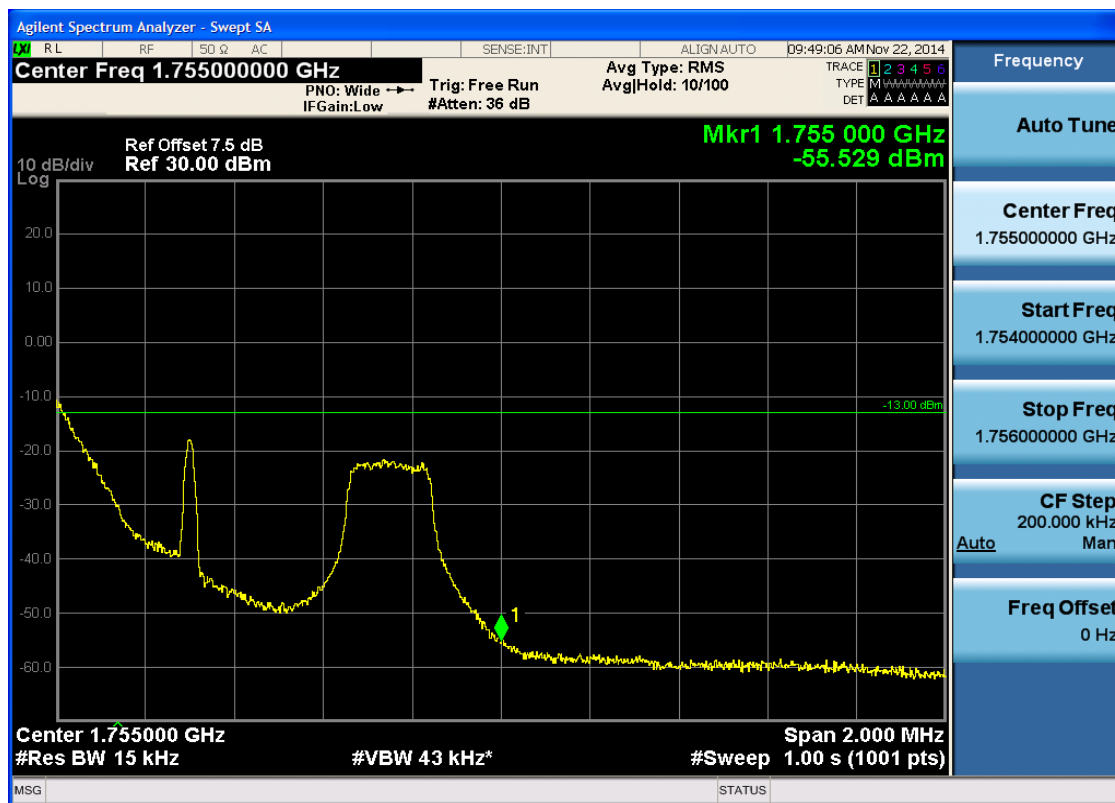
5.1.1.1.1.4 Test RB = RB6#0

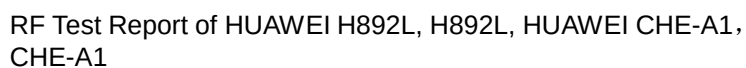




5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 09:49:22 AM Nov 22, 2014

Center Freq 1.75500000 GHz Avg Type: RMS
PNO: Wide Trg: Free Run AvgHold: 10/100
IFGain: Low #Atten: 36 dB

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

Frequency

Auto Tune

Center Freq 1.75500000 GHz

Start Freq 1.754000000 GHz

Stop Freq 1.756000000 GHz

CF Step 200.000 kHz
Auto Man

Freq Offset 0 Hz

10 dB/div
Log

Ref Offset 7.5 dB
Ref 30.00 dBm

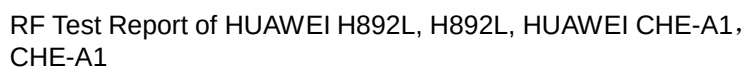
Mkr1 1.755 010 GHz
-28.616 dBm

-13.00 dBm

1

Center 1.755000 GHz Span 2.000 MHz
#Res BW 15 kHz #VBW 43 kHz*
#Sweep 1.00 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 09:49:38 AM Nov 22, 2014

Center Freq 1.75500000 GHz

PNO: Wide Trg: Free Run Avg Type: RMS
IFGain: Low #Atten: 36 dB AvgHold: 10/100

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-31.337 dBm

10 dB/div
Log

20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

-13.00 dBm

1

Center 1.755000 GHz
#Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.75500000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



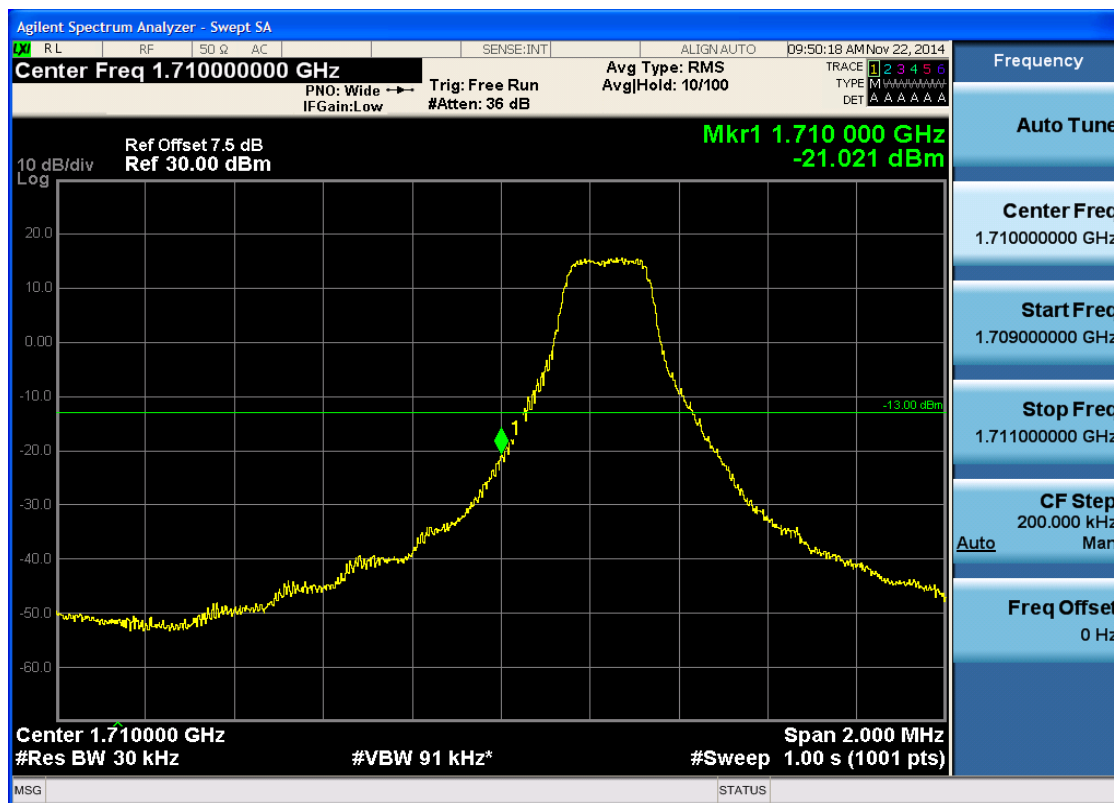
5.1.1.1.2.4 Test RB = RB6#0

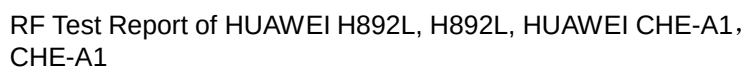


5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 09:50:34 AM Nov 22, 2014

Center Freq 1.710000000 GHz

PNO: Wide Trg: Free Run Avg Type: RMS
IFGain: Low #Atten: 36 dB AvgHld: 10/100

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

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.709 010 GHz
-46.463 dBm

10 dB/div
Log

Center Freq 1.710000000 GHz
#Res BW 30 kHz
#VBW 91 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq 1.710000000 GHz

Start Freq 1.709000000 GHz

Stop Freq 1.711000000 GHz

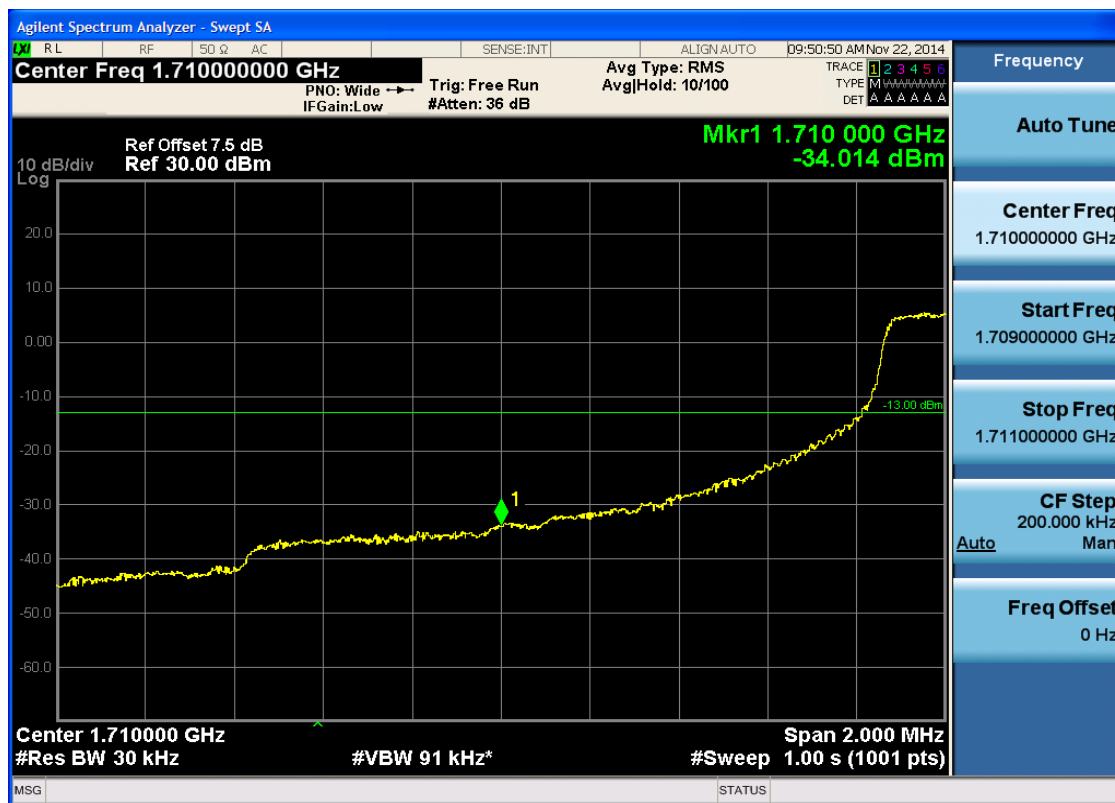
CF Step 200.000 kHz
Man

Auto

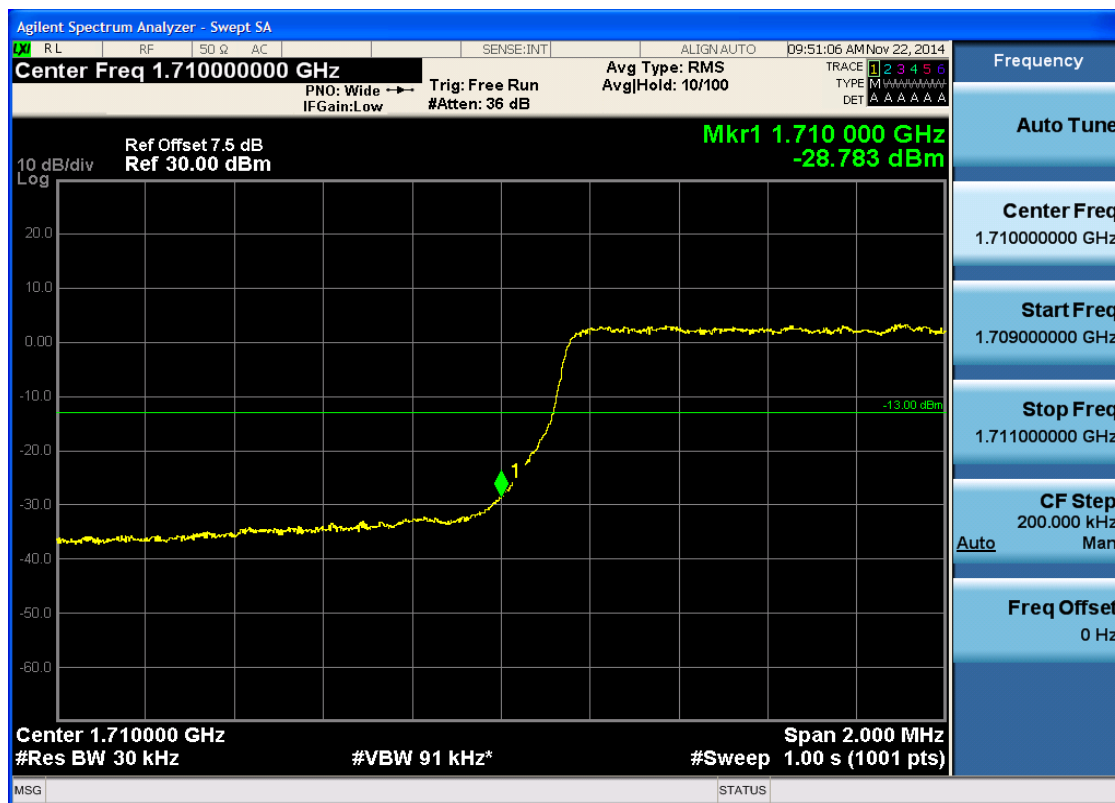
Freq Offset 0 Hz



5.1.1.1.2.1.3 Test RB = RB8#4



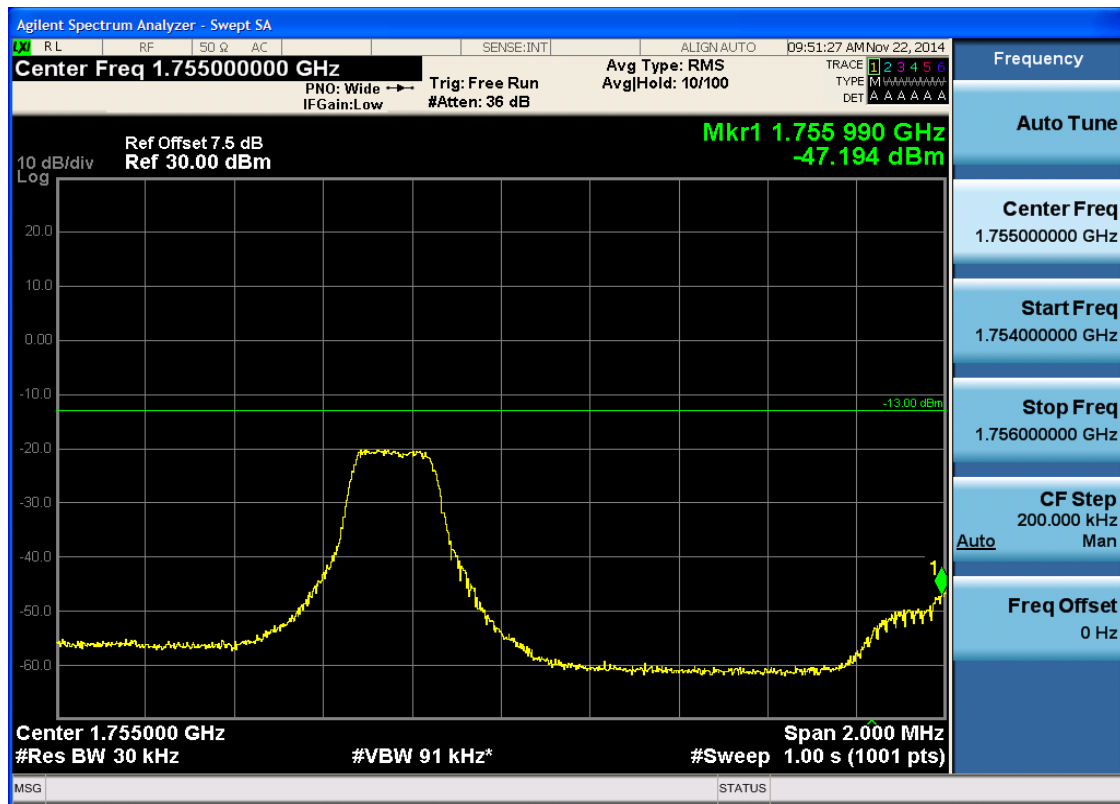
5.1.1.1.2.1.4 Test RB = RB15#0





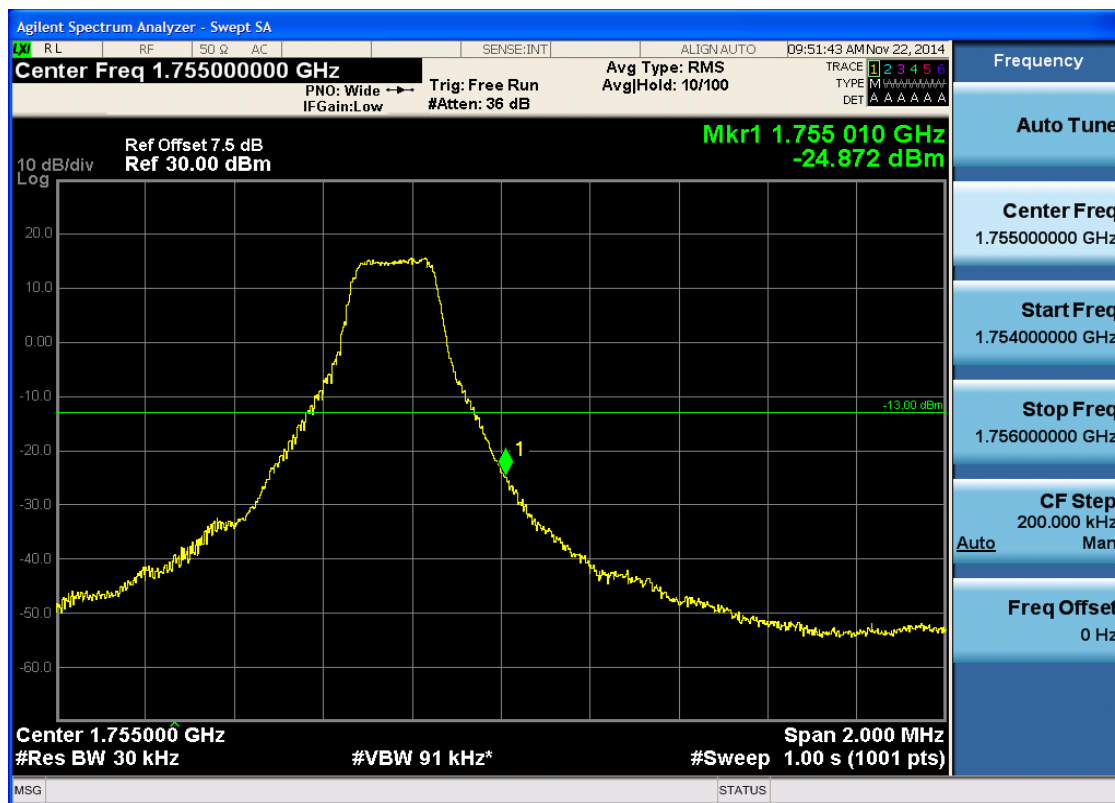
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



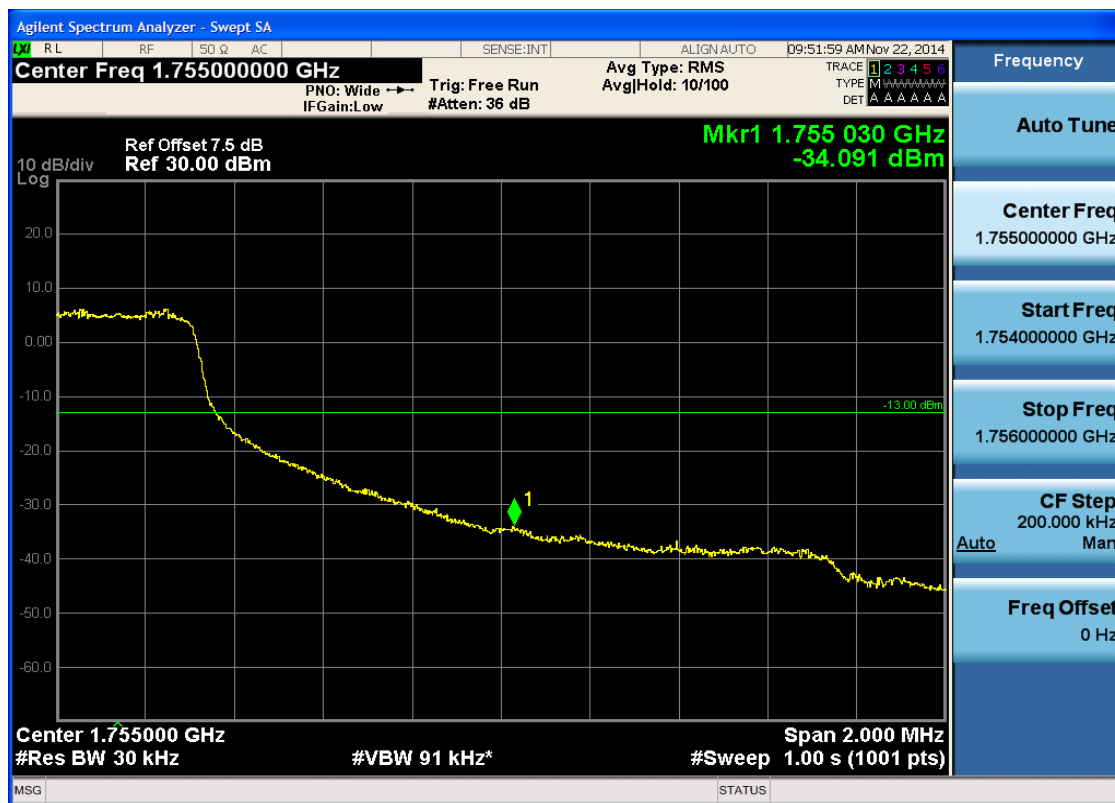


5.1.1.1.2.2 Test RB = RB1#14



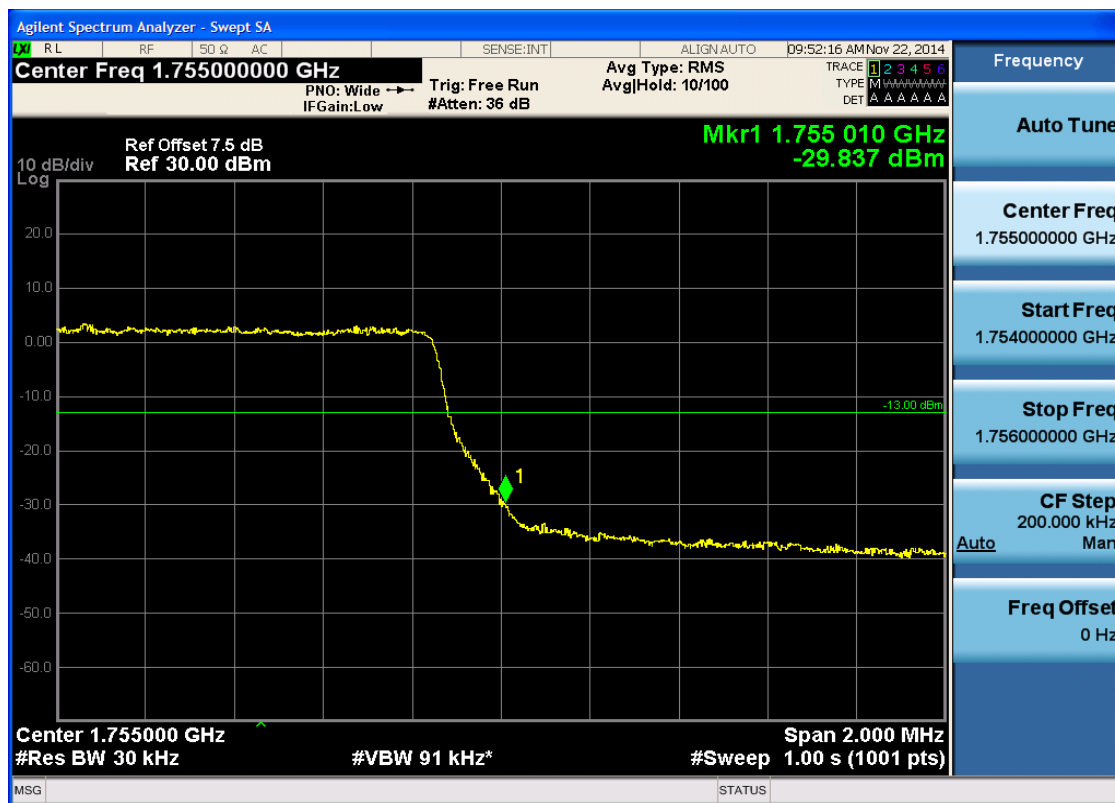


5.1.1.1.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

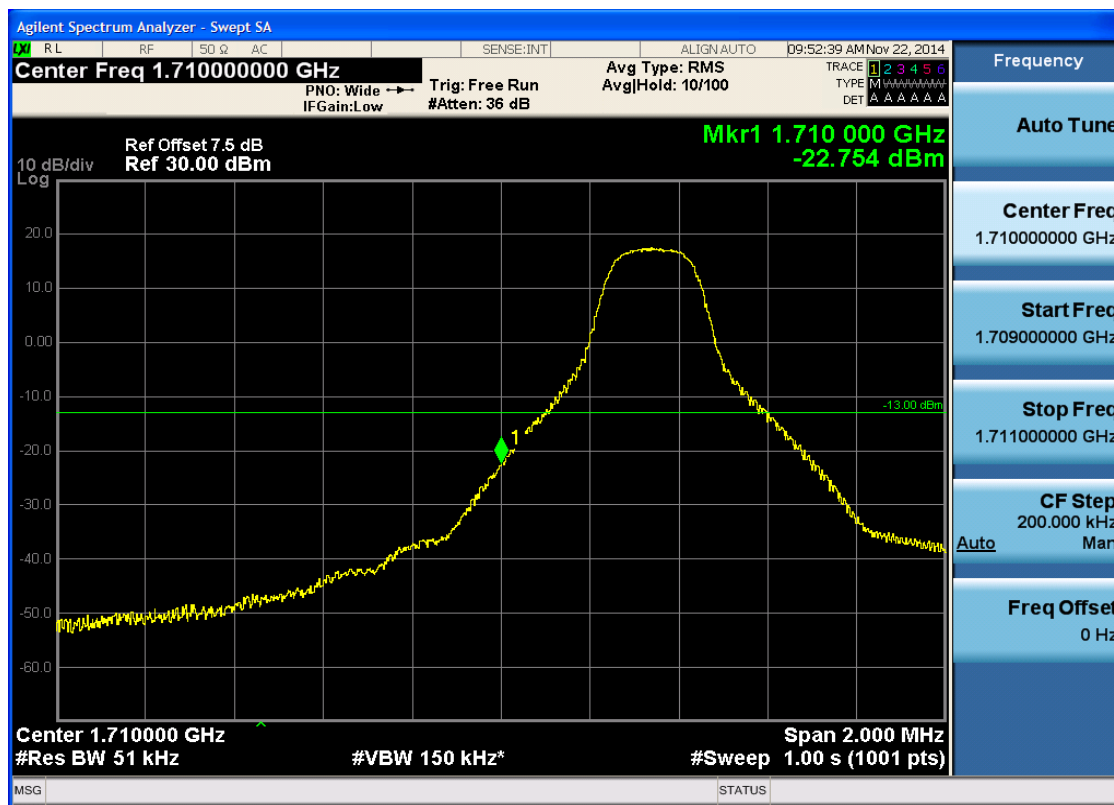




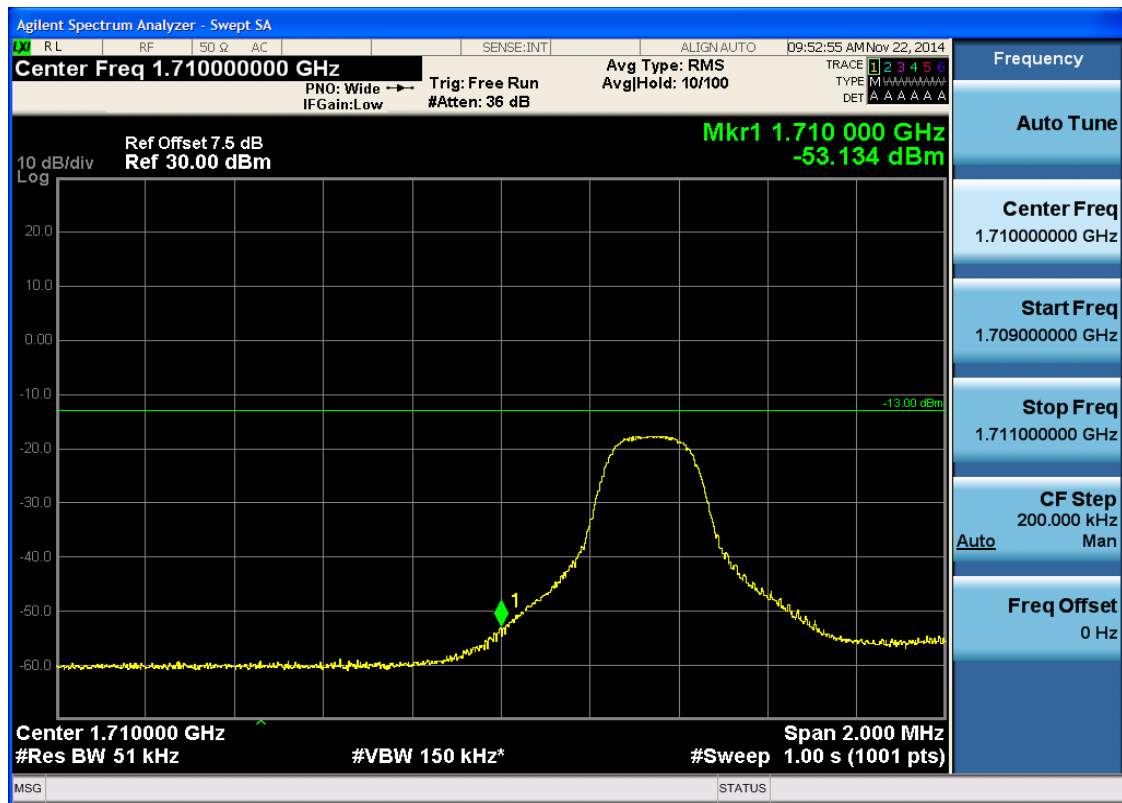
5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0

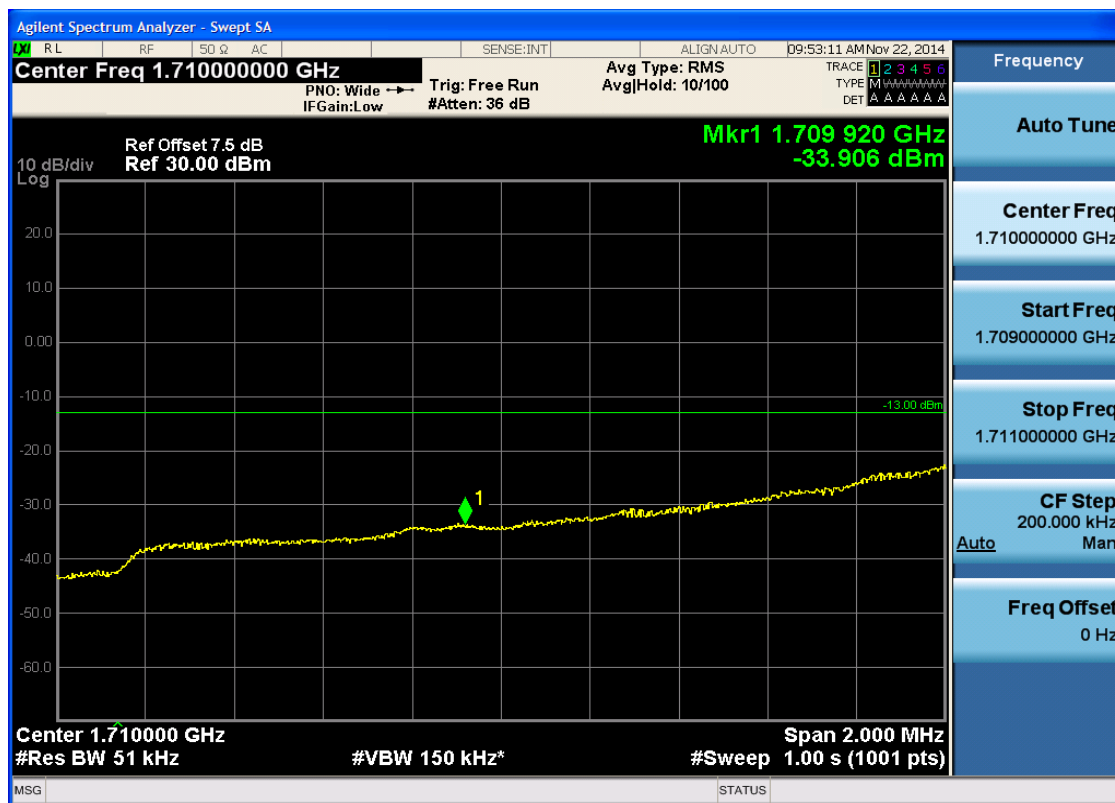


5.1.1.1.3.1.2 Test RB = RB1#24

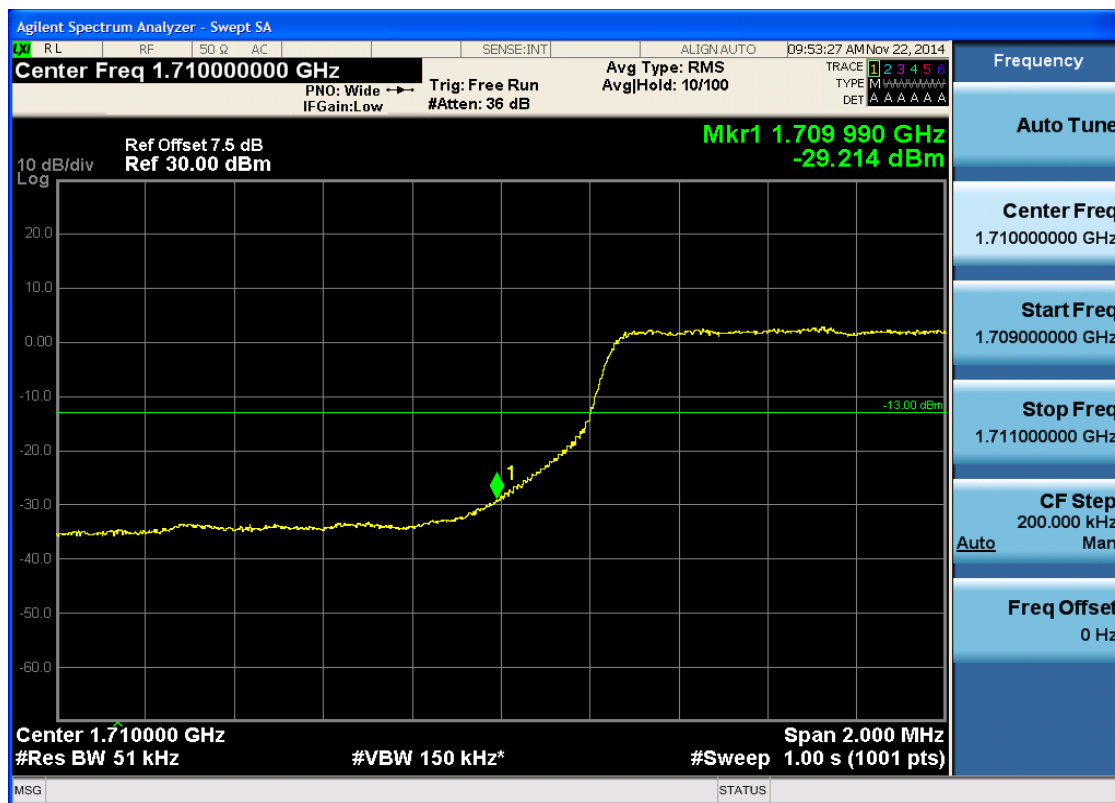




5.1.1.1.3.1.3 Test RB = RB12#6



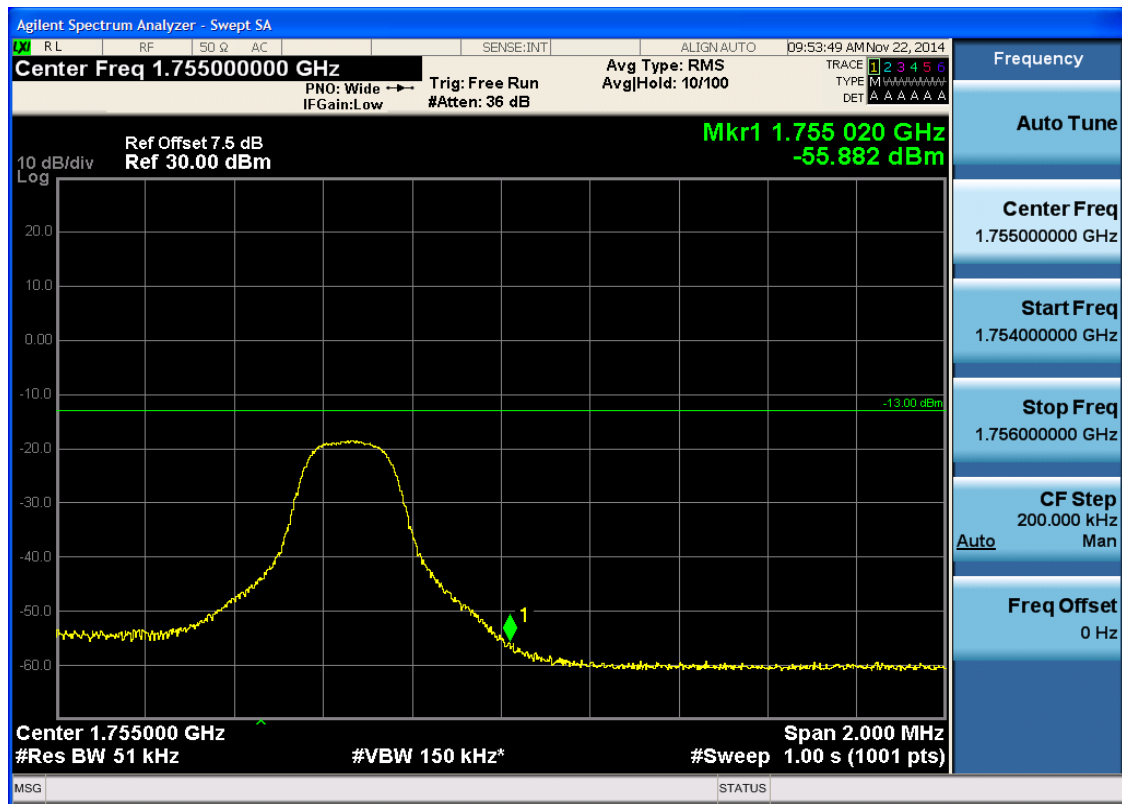
5.1.1.1.3.1.4 Test RB = RB25#0





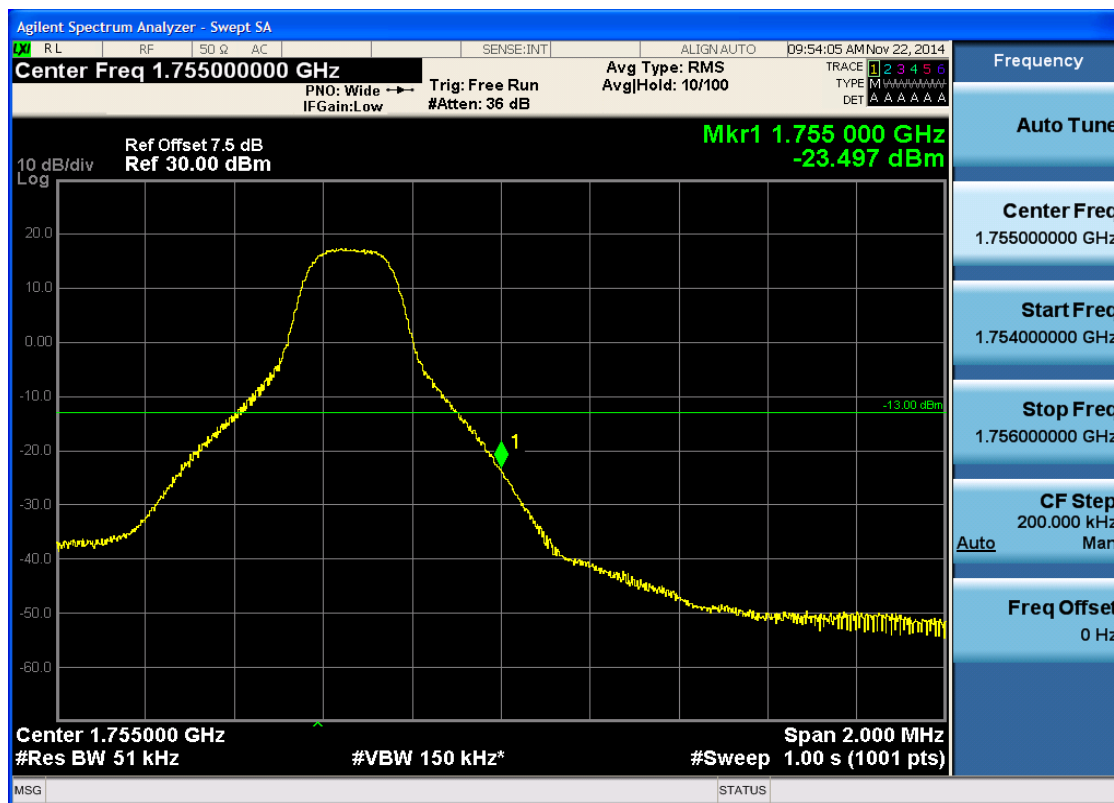
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

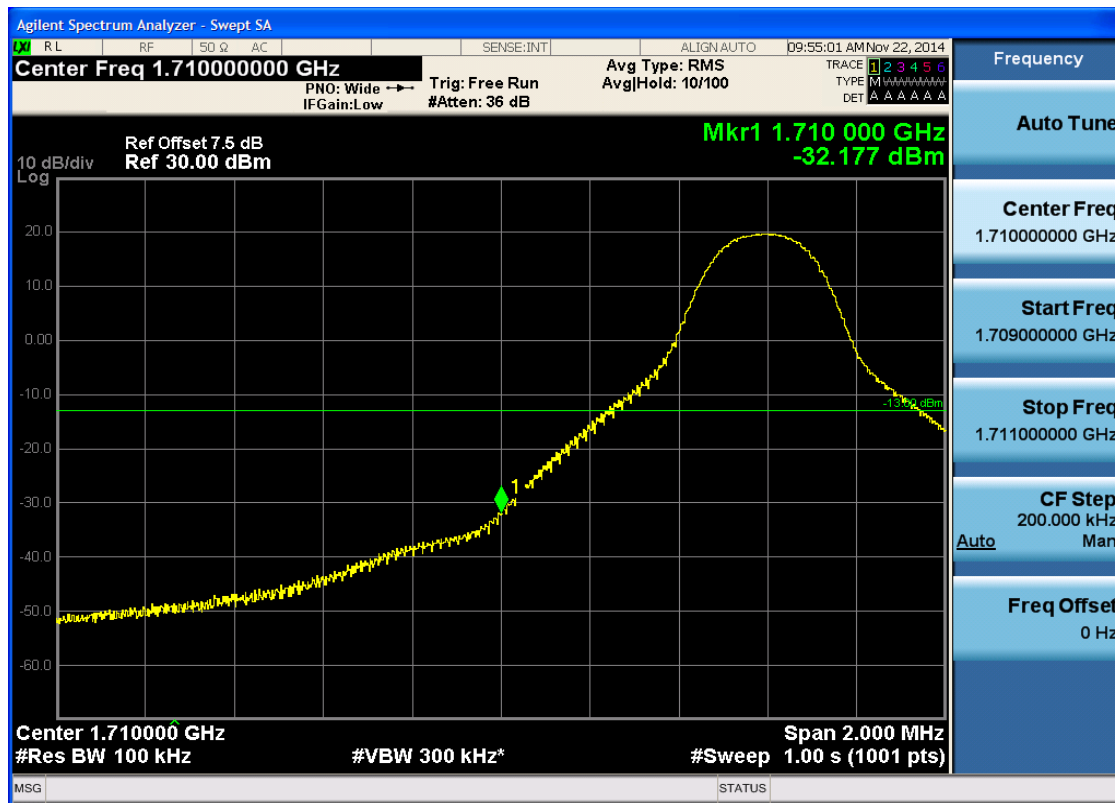




5.1.1.1.4 Test Bandwidth = 10

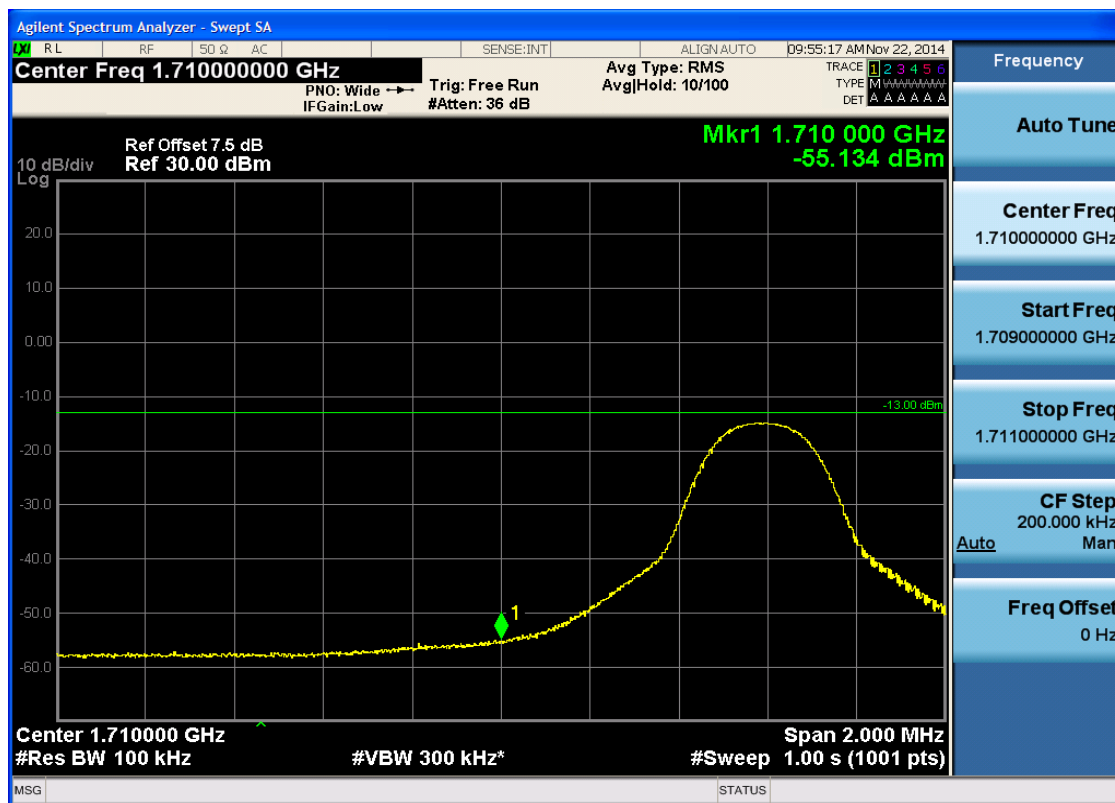
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



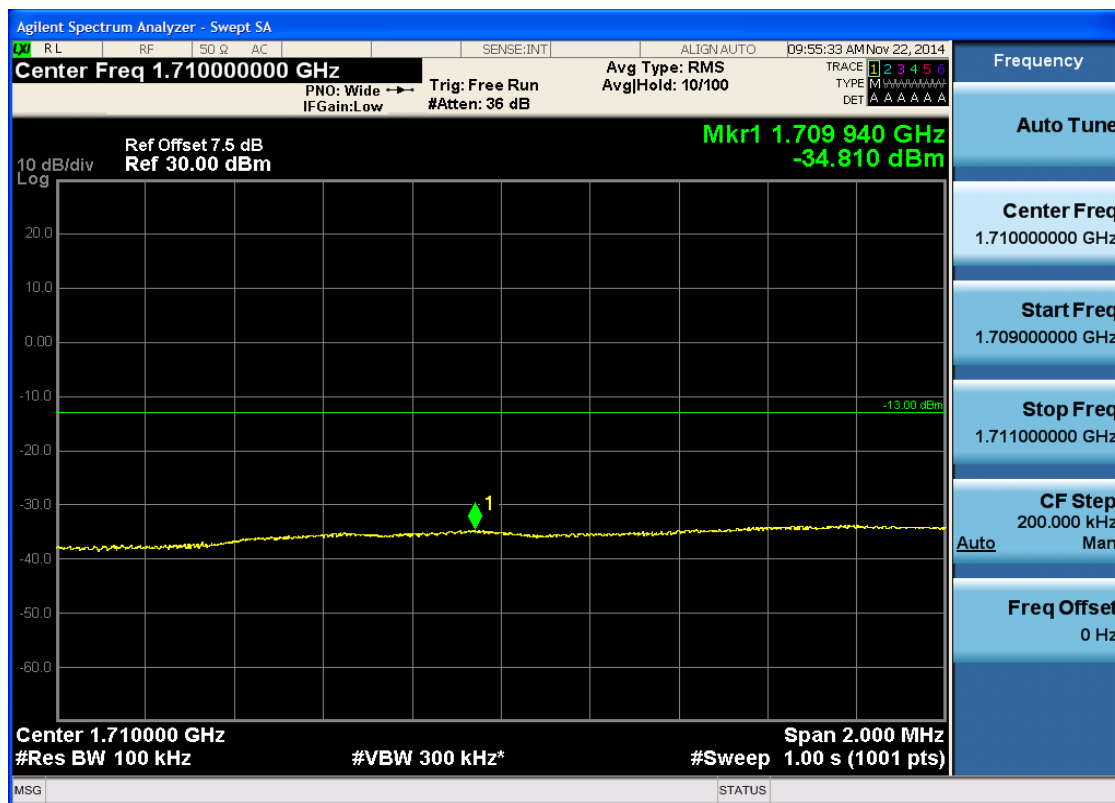


5.1.1.1.4.1.2 Test RB = RB1#49



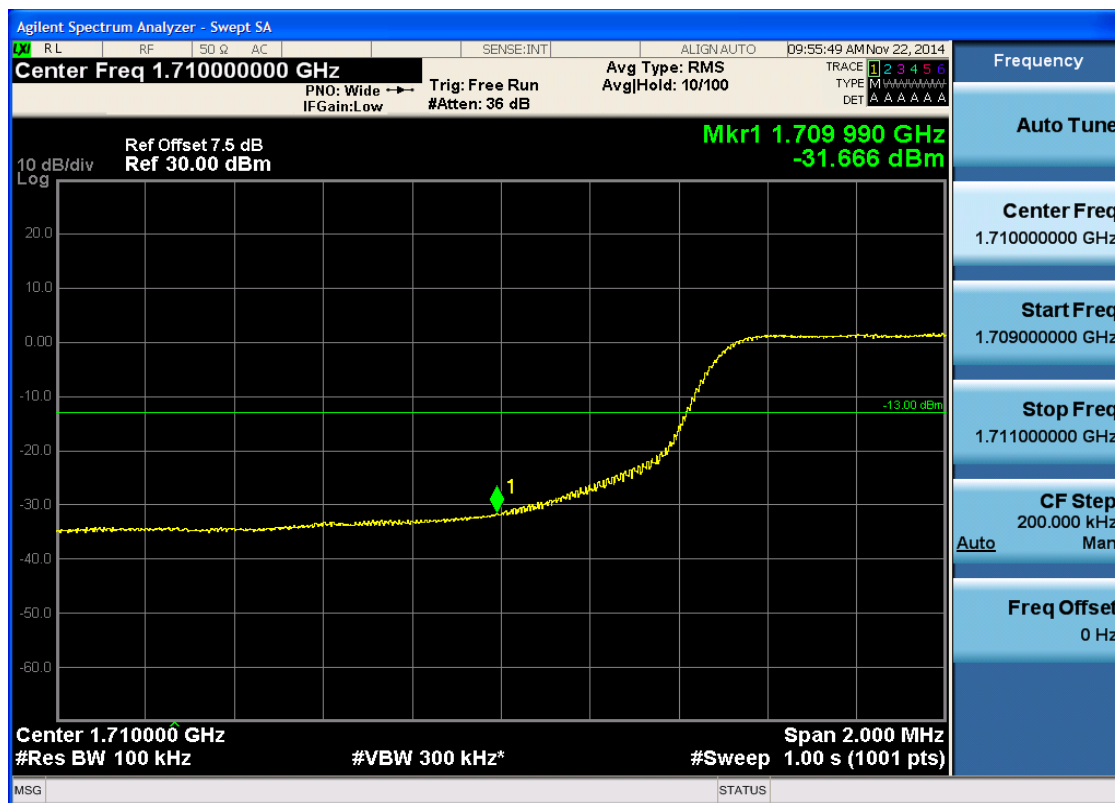


5.1.1.1.4.1.3 Test RB = RB25#13





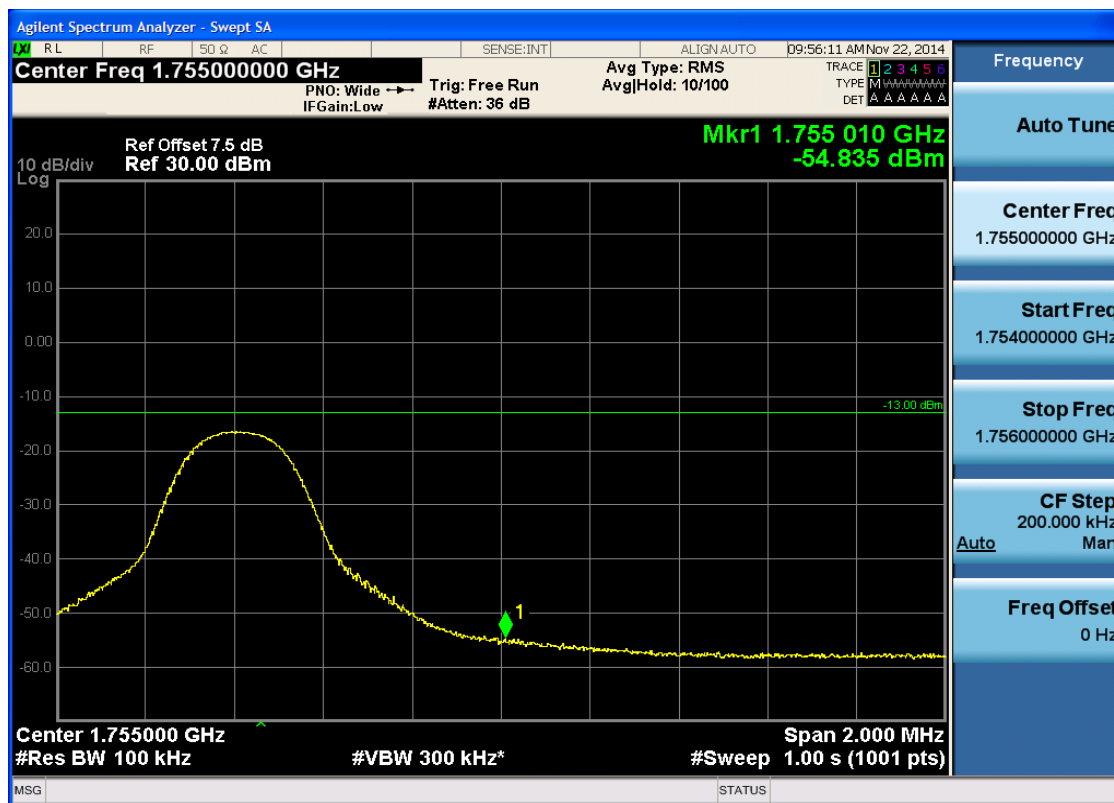
5.1.1.1.4.1.4 Test RB = RB50#0





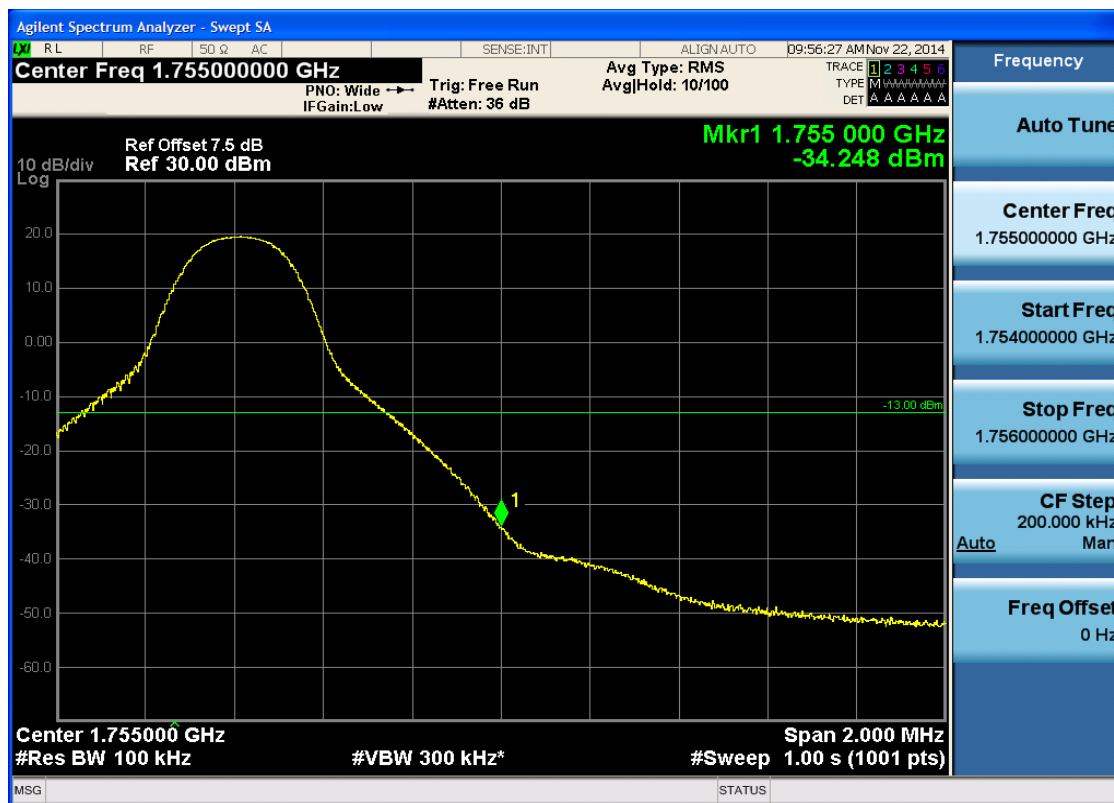
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13

