



Appendix for Test report

APPENDIX FOR TEST REPORT

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1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
GSM850	GSM/TM1	LCH	32.65	30.81	38.5	PASS
		MCH	32.75	30.96	38.5	PASS
		HCH	32.79	30.94	38.5	PASS
	GSM/TM2	LCH	26.75	24.96	38.5	PASS
		MCH	26.61	25.13	38.5	PASS
		HCH	26.41	24.85	38.5	PASS
WCDMA850	UMTS/TM1	LCH	22.94	21.02	38.5	PASS
		MCH	22.91	21.06	38.5	PASS
		HCH	22.97	21.25	38.5	PASS
Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.91	32.27	33	PASS
		MCH	29.79	32.22	33	PASS
		HCH	29.68	32.01	33	PASS
	GSM/TM2	LCH	25.65	28.07	33	PASS
		MCH	25.41	27.86	33	PASS
		HCH	25.18	27.84	33	PASS
WCDMA1900	UMTS/TM1	LCH	22.70	25.46	33	PASS
		MCH	22.67	25.04	33	PASS
		HCH	22.84	25.32	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	23.17	21.59	38.5	PASS
				RB1#3	23.33	21.48	38.5	PASS
				RB1#5	23.24	21.39	38.5	PASS
				RB3#0	23.22	21.68	38.5	PASS
				RB3#2	23.26	21.69	38.5	PASS
				RB3#3	23.25	21.61	38.5	PASS
				RB6#0	22.37	20.52	38.5	PASS
			MCH	RB1#0	23.29	21.79	38.5	PASS
				RB1#3	23.37	21.75	38.5	PASS
				RB1#5	23.28	21.43	38.5	PASS
				RB3#0	23.33	21.48	38.5	PASS
				RB3#2	23.34	21.49	38.5	PASS
				RB3#3	23.32	21.77	38.5	PASS
				RB6#0	22.45	20.6	38.5	PASS
			HCH	RB1#0	23.26	21.41	38.5	PASS
				RB1#3	23.38	21.74	38.5	PASS
				RB1#5	23.16	21.69	38.5	PASS
				RB3#0	23.31	21.72	38.5	PASS
				RB3#2	23.31	21.46	38.5	PASS
				RB3#3	23.24	21.66	38.5	PASS
				RB6#0	22.42	20.57	38.5	PASS
		3	LCH	RB1#0	23.06	21.5	38.5	PASS
				RB1#7	23.45	21.91	38.5	PASS
				RB1#14	23.15	21.3	38.5	PASS
				RB8#0	22.39	20.84	38.5	PASS
				RB8#4	22.4	20.86	38.5	PASS
				RB8#7	22.39	20.54	38.5	PASS
				RB15#0	22.35	20.52	38.5	PASS
			MCH	RB1#0	23.29	21.44	38.5	PASS
				RB1#7	23.54	21.69	38.5	PASS
				RB1#14	23.13	21.28	38.5	PASS
				RB8#0	22.5	20.65	38.5	PASS
				RB8#4	22.52	20.89	38.5	PASS
				RB8#7	22.43	20.85	38.5	PASS
				RB15#0	22.47	20.86	38.5	PASS
			HCH	RB1#0	23.17	21.59	38.5	PASS
				RB1#7	23.37	21.52	38.5	PASS

				RB1#14	23	21.15	38.5	PASS
				RB8#0	22.29	20.64	38.5	PASS
				RB8#4	22.37	20.52	38.5	PASS
				RB8#7	22.36	20.51	38.5	PASS
				RB15#0	22.32	20.68	38.5	PASS
		5	LCH	RB1#0	22.98	21.13	38.5	PASS
				RB1#13	23.35	21.5	38.5	PASS
				RB1#24	23.15	21.3	38.5	PASS
				RB12#0	22.29	20.79	38.5	PASS
				RB12#6	22.47	20.94	38.5	PASS
				RB12#13	22.41	20.88	38.5	PASS
				RB25#0	22.35	20.81	38.5	PASS
			MCH	RB1#0	23.2	21.46	38.5	PASS
				RB1#13	23.46	21.61	38.5	PASS
				RB1#24	23.17	21.57	38.5	PASS
				RB12#0	22.52	20.67	38.5	PASS
				RB12#6	22.57	20.95	38.5	PASS
				RB12#13	22.42	20.92	38.5	PASS
				RB25#0	22.46	20.85	38.5	PASS
			HCH	RB1#0	23.3	21.45	38.5	PASS
				RB1#13	23.29	21.44	38.5	PASS
				RB1#24	22.99	21.52	38.5	PASS
				RB12#0	22.4	20.79	38.5	PASS
				RB12#6	22.42	20.85	38.5	PASS
				RB12#13	22.3	20.45	38.5	PASS
				RB25#0	22.3	20.72	38.5	PASS
		10	LCH	RB1#0	22.84	20.99	38.5	PASS
				RB1#25	23.52	21.96	38.5	PASS
				RB1#49	23.23	21.38	38.5	PASS
				RB25#0	22.25	20.4	38.5	PASS
				RB25#13	22.51	20.91	38.5	PASS
				RB25#25	22.37	20.88	38.5	PASS
				RB50#0	22.26	20.61	38.5	PASS
			MCH	RB1#0	23.06	21.21	38.5	PASS
				RB1#25	23.49	21.87	38.5	PASS
				RB1#49	23.17	21.7	38.5	PASS
				RB25#0	22.27	20.42	38.5	PASS
				RB25#13	22.48	20.63	38.5	PASS
				RB25#25	22.27	20.66	38.5	PASS
				RB50#0	22.21	20.73	38.5	PASS
			HCH	RB1#0	22.96	21.48	38.5	PASS

	LTE/TM2			RB1#25	23.61	22.08	38.5	PASS
				RB1#49	23.08	21.56	38.5	PASS
				RB25#0	22.24	20.39	38.5	PASS
				RB25#13	22.39	20.92	38.5	PASS
				RB25#25	22.12	20.53	38.5	PASS
				RB50#0	22.16	20.31	38.5	PASS
		1.4	LCH	RB1#0	22.41	20.56	38.5	PASS
				RB1#3	22.59	20.74	38.5	PASS
				RB1#5	22.49	20.64	38.5	PASS
				RB3#0	22.39	20.51	38.5	PASS
				RB3#2	22.45	20.94	38.5	PASS
				RB3#3	22.43	20.58	38.5	PASS
				RB6#0	21.2	19.72	38.5	PASS
			MCH	RB1#0	22.34	20.83	38.5	PASS
				RB1#3	22.46	20.61	38.5	PASS
				RB1#5	22.24	20.39	38.5	PASS
				RB3#0	22.51	20.66	38.5	PASS
				RB3#2	22.64	21.18	38.5	PASS
				RB3#3	22.48	20.93	38.5	PASS
				RB6#0	21.24	19.39	38.5	PASS
			HCH	RB1#0	22.42	20.57	38.5	PASS
				RB1#3	22.49	20.64	38.5	PASS
				RB1#5	22.49	20.64	38.5	PASS
				RB3#0	22.43	20.83	38.5	PASS
				RB3#2	22.41	20.92	38.5	PASS
				RB3#3	22.34	20.69	38.5	PASS
				RB6#0	21.16	19.58	38.5	PASS
		3	LCH	RB1#0	22.28	20.43	38.5	PASS
				RB1#7	22.79	21.15	38.5	PASS
				RB1#14	22.51	20.89	38.5	PASS
				RB8#0	21.14	19.29	38.5	PASS
				RB8#4	21.22	19.76	38.5	PASS
				RB8#7	21.11	19.63	38.5	PASS
				RB15#0	21.09	19.24	38.5	PASS
			MCH	RB1#0	22.61	20.76	38.5	PASS
				RB1#7	22.56	20.98	38.5	PASS
				RB1#14	22.18	20.68	38.5	PASS
				RB8#0	21.27	19.42	38.5	PASS
				RB8#4	21.26	19.41	38.5	PASS
				RB8#7	21.18	19.33	38.5	PASS
				RB15#0	21.15	19.66	38.5	PASS

			HCH	RB1#0	22.32	20.47	38.5	PASS
				RB1#7	22.54	20.91	38.5	PASS
				RB1#14	22.33	20.87	38.5	PASS
				RB8#0	21.21	19.36	38.5	PASS
				RB8#4	21.18	19.33	38.5	PASS
				RB8#7	21.22	19.37	38.5	PASS
				RB15#0	21.12	19.61	38.5	PASS
		5	LCH	RB1#0	22.15	20.62	38.5	PASS
				RB1#13	22.51	20.88	38.5	PASS
				RB1#24	22.33	20.48	38.5	PASS
				RB12#0	21.06	19.21	38.5	PASS
				RB12#6	21.26	19.78	38.5	PASS
				RB12#13	21.19	19.34	38.5	PASS
				RB25#0	21.14	19.69	38.5	PASS
			MCH	RB1#0	22.16	20.55	38.5	PASS
				RB1#13	22.47	20.62	38.5	PASS
				RB1#24	22.15	20.53	38.5	PASS
				RB12#0	21.28	19.83	38.5	PASS
				RB12#6	21.32	19.47	38.5	PASS
				RB12#13	21.15	19.69	38.5	PASS
				RB25#0	21.16	19.31	38.5	PASS
			HCH	RB1#0	22.22	20.59	38.5	PASS
				RB1#13	22.27	20.82	38.5	PASS
				RB1#24	21.97	20.51	38.5	PASS
				RB12#0	21.21	19.36	38.5	PASS
				RB12#6	21.25	19.4	38.5	PASS
				RB12#13	21.03	19.46	38.5	PASS
				RB25#0	21.12	19.27	38.5	PASS
		10	LCH	RB1#0	22.05	20.22	38.5	PASS
				RB1#25	22.8	20.95	38.5	PASS
				RB1#49	22.48	20.91	38.5	PASS
				RB25#0	20.89	19.33	38.5	PASS
				RB25#13	21.12	19.27	38.5	PASS
				RB25#25	21.01	19.46	38.5	PASS
				RB50#0	20.86	19.23	38.5	PASS
			MCH	RB1#0	22.35	20.73	38.5	PASS
				RB1#25	22.85	21.27	38.5	PASS
				RB1#49	22.5	20.89	38.5	PASS
				RB25#0	20.95	19.15	38.5	PASS
				RB25#13	21.18	19.58	38.5	PASS
				RB25#25	20.95	19.11	38.5	PASS

				RB50#0	20.85	19.25	38.5	PASS
			HCH	RB1#0	22.13	20.58	38.5	PASS
				RB1#25	22.84	20.99	38.5	PASS
				RB1#49	22.37	20.52	38.5	PASS
				RB25#0	20.92	19.29	38.5	PASS
				RB25#13	21.2	19.73	38.5	PASS
				RB25#25	20.91	19.06	38.5	PASS
				RB50#0	20.91	19.39	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	22.71	25.42	33	PASS
				RB1#3	22.71	25.43	33	PASS
				RB1#5	22.52	25.17	33	PASS
				RB3#0	22.62	25.02	33	PASS
				RB3#2	22.58	25.3	33	PASS
				RB3#3	22.5	25.24	33	PASS
				RB6#0	22.49	25.11	33	PASS
			MCH	RB1#0	22.71	25.11	33	PASS
				RB1#3	22.91	25.65	33	PASS
				RB1#5	22.73	25.13	33	PASS
				RB3#0	22.72	25.12	33	PASS
				RB3#2	22.8	25.49	33	PASS
				RB3#3	22.71	25.11	33	PASS
				RB6#0	22.74	25.46	33	PASS
			HCH	RB1#0	22.41	25.16	33	PASS
				RB1#3	22.63	25.03	33	PASS
				RB1#5	22.5	24.9	33	PASS
				RB3#0	22.57	24.97	33	PASS
				RB3#2	22.62	25.3	33	PASS
				RB3#3	22.58	25.21	33	PASS
				RB6#0	22.54	25.16	33	PASS
		3	LCH	RB1#0	22.14	24.89	33	PASS
				RB1#7	22.21	24.85	33	PASS
				RB1#14	21.81	24.21	33	PASS
				RB8#0	22.14	24.83	33	PASS
				RB8#4	22.07	24.47	33	PASS
				RB8#7	21.94	24.34	33	PASS
				RB15#0	22.06	24.46	33	PASS

			MCH	RB1#0	22.24	25.02	33	PASS
				RB1#7	22.63	25.4	33	PASS
				RB1#14	22.24	25.02	33	PASS
				RB8#0	22.47	24.87	33	PASS
				RB8#4	22.5	24.9	33	PASS
				RB8#7	22.36	24.76	33	PASS
				RB15#0	22.47	25.11	33	PASS
			HCH	RB1#0	22.19	24.98	33	PASS
				RB1#7	22.42	24.82	33	PASS
				RB1#14	22.28	24.68	33	PASS
				RB8#0	22.28	24.68	33	PASS
				RB8#4	22.33	25.07	33	PASS
				RB8#7	22.4	25.1	33	PASS
				RB15#0	22.29	24.93	33	PASS
		5	LCH	RB1#0	22.27	24.67	33	PASS
				RB1#13	22.27	24.93	33	PASS
				RB1#24	21.89	24.66	33	PASS
				RB12#0	22.21	24.61	33	PASS
				RB12#6	22.24	24.64	33	PASS
				RB12#13	22.09	24.49	33	PASS
				RB25#0	22.12	24.52	33	PASS
			MCH	RB1#0	22.37	25.12	33	PASS
				RB1#13	22.67	25.42	33	PASS
				RB1#24	22.32	24.72	33	PASS
				RB12#0	22.49	24.89	33	PASS
				RB12#6	22.55	25.17	33	PASS
				RB12#13	22.47	25.17	33	PASS
				RB25#0	22.51	25.29	33	PASS
			HCH	RB1#0	22.07	24.47	33	PASS
				RB1#13	22.38	24.78	33	PASS
				RB1#24	22.25	24.65	33	PASS
				RB12#0	22.3	24.7	33	PASS
				RB12#6	22.38	24.78	33	PASS
				RB12#13	22.29	25.05	33	PASS
				RB25#0	22.27	24.67	33	PASS
		10	LCH	RB1#0	21.87	24.27	33	PASS
				RB1#25	22.21	24.61	33	PASS
				RB1#49	21.86	24.26	33	PASS
				RB25#0	21.76	24.36	33	PASS
				RB25#13	22.02	24.63	33	PASS
				RB25#25	21.71	24.11	33	PASS

				RB50#0	21.68	24.37	33	PASS
			MCH	RB1#0	22.08	24.48	33	PASS
				RB1#25	22.61	25.29	33	PASS
				RB1#49	22.24	25.01	33	PASS
				RB25#0	22.18	24.58	33	PASS
				RB25#13	22.44	24.84	33	PASS
				RB25#25	22.17	24.57	33	PASS
				RB50#0	22.24	24.64	33	PASS
			HCH	RB1#0	21.64	24.27	33	PASS
				RB1#25	22.46	25.23	33	PASS
				RB1#49	22.36	25	33	PASS
				RB25#0	21.92	24.63	33	PASS
				RB25#13	22.25	24.65	33	PASS
				RB25#25	22.05	24.45	33	PASS
				RB50#0	21.99	24.39	33	PASS
		15	LCH	RB1#0	22.17	24.78	33	PASS
				RB1#38	22.27	24.67	33	PASS
				RB1#74	22.05	24.8	33	PASS
				RB38#0	21.99	24.39	33	PASS
				RB38#19	22.15	24.55	33	PASS
				RB38#39	21.99	24.61	33	PASS
				RB75#0	21.88	24.66	33	PASS
			MCH	RB1#0	22.24	24.64	33	PASS
				RB1#38	22.65	25.05	33	PASS
				RB1#74	22.29	24.69	33	PASS
				RB38#0	22.35	24.97	33	PASS
				RB38#19	22.55	24.95	33	PASS
				RB38#39	22.35	25.11	33	PASS
				RB75#0	22.41	25.06	33	PASS
			HCH	RB1#0	21.72	24.12	33	PASS
				RB1#38	22.26	24.66	33	PASS
				RB1#74	22.38	24.98	33	PASS
				RB38#0	21.82	24.22	33	PASS
				RB38#19	22.01	24.41	33	PASS
				RB38#39	22.12	24.52	33	PASS
				RB75#0	21.91	24.31	33	PASS
		20	LCH	RB1#0	21.89	24.51	33	PASS
				RB1#50	22.06	24.46	33	PASS
				RB1#99	22.17	24.57	33	PASS
				RB50#0	21.77	24.17	33	PASS
				RB50#25	21.8	24.51	33	PASS

				RB50#50	21.72	24.12	33	PASS
				RB100#0	21.84	24.24	33	PASS
			MCH	RB1#0	22.02	24.64	33	PASS
				RB1#50	22.55	24.95	33	PASS
				RB1#99	21.99	24.7	33	PASS
				RB50#0	22.19	24.87	33	PASS
				RB50#25	22.41	24.81	33	PASS
				RB50#50	22.1	24.5	33	PASS
				RB100#0	22.24	24.64	33	PASS
			HCH	RB1#0	21.61	24.01	33	PASS
				RB1#50	22.06	24.46	33	PASS
				RB1#99	22.29	25.08	33	PASS
				RB50#0	21.78	24.51	33	PASS
				RB50#25	21.92	24.55	33	PASS
				RB50#50	22.04	24.8	33	PASS
				RB100#0	21.81	24.21	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.27	25.02	33	PASS
				RB1#3	22.3	24.7	33	PASS
				RB1#5	22.09	24.74	33	PASS
				RB3#0	22.09	24.49	33	PASS
				RB3#2	22.07	24.82	33	PASS
				RB3#3	22	24.72	33	PASS
				RB6#0	21.95	24.73	33	PASS
			MCH	RB1#0	22.49	24.89	33	PASS
				RB1#3	22.56	24.96	33	PASS
				RB1#5	22.46	25.17	33	PASS
				RB3#0	22.26	24.66	33	PASS
				RB3#2	22.35	24.75	33	PASS
				RB3#3	22.27	24.67	33	PASS
				RB6#0	22.27	24.67	33	PASS
			HCH	RB1#0	22.14	24.79	33	PASS
				RB1#3	22.37	25.12	33	PASS
				RB1#5	22.26	24.89	33	PASS
				RB3#0	22.23	24.98	33	PASS
				RB3#2	22.27	24.92	33	PASS
				RB3#3	22.24	24.64	33	PASS
				RB6#0	22.19	24.84	33	PASS
		3	LCH	RB1#0	22.14	24.81	33	PASS
				RB1#7	22.23	24.94	33	PASS
				RB1#14	21.88	24.58	33	PASS
				RB8#0	21.95	24.62	33	PASS

				RB8#4	21.89	24.64	33	PASS
				RB8#7	21.75	24.15	33	PASS
				RB15#0	21.81	24.21	33	PASS
			MCH	RB1#0	22.27	24.67	33	PASS
				RB1#7	22.58	24.98	33	PASS
				RB1#14	22.21	24.87	33	PASS
				RB8#0	22.28	24.92	33	PASS
				RB8#4	22.36	24.76	33	PASS
				RB8#7	22.22	24.62	33	PASS
				RB15#0	22.24	25.13	33	PASS
			HCH	RB1#0	22.1	24.5	33	PASS
				RB1#7	22.23	25.02	33	PASS
				RB1#14	22.17	24.57	33	PASS
				RB8#0	21.99	24.39	33	PASS
				RB8#4	22.1	24.73	33	PASS
				RB8#7	22.11	24.81	33	PASS
				RB15#0	22.01	24.77	33	PASS
		5	LCH	RB1#0	21.9	24.31	33	PASS
				RB1#13	21.98	24.38	33	PASS
				RB1#24	21.63	24.03	33	PASS
				RB12#0	21.8	24.49	33	PASS
				RB12#6	21.85	24.46	33	PASS
				RB12#13	21.73	24.42	33	PASS
				RB25#0	21.82	24.22	33	PASS
			MCH	RB1#0	22.16	24.93	33	PASS
				RB1#13	22.44	24.84	33	PASS
				RB1#24	22.12	24.52	33	PASS
				RB12#0	22.14	24.9	33	PASS
				RB12#6	22.2	24.6	33	PASS
				RB12#13	22.13	24.77	33	PASS
				RB25#0	22.18	24.85	33	PASS
			HCH	RB1#0	21.99	24.39	33	PASS
				RB1#13	22.26	24.66	33	PASS
				RB1#24	22.13	24.76	33	PASS
				RB12#0	21.99	24.39	33	PASS
				RB12#6	22.06	24.46	33	PASS
				RB12#13	21.98	24.38	33	PASS
				RB25#0	21.97	24.66	33	PASS
		10	LCH	RB1#0	21.88	24.57	33	PASS
				RB1#25	22.19	24.59	33	PASS
				RB1#49	21.96	24.36	33	PASS

				RB25#0	21.52	24.28	33	PASS
				RB25#13	21.8	24.2	33	PASS
				RB25#25	21.51	23.91	33	PASS
				RB50#0	21.42	23.82	33	PASS
			MCH	RB1#0	22.23	24.97	33	PASS
				RB1#25	22.69	25.38	33	PASS
				RB1#49	22.36	24.76	33	PASS
				RB25#0	21.96	24.73	33	PASS
				RB25#13	22.21	24.93	33	PASS
				RB25#25	21.95	24.71	33	PASS
				RB50#0	21.97	24.37	33	PASS
			HCH	RB1#0	21.73	24.13	33	PASS
				RB1#25	22.48	25.11	33	PASS
				RB1#49	22.38	25.05	33	PASS
				RB25#0	21.72	24.43	33	PASS
				RB25#13	22.04	24.76	33	PASS
				RB25#25	21.83	24.23	33	PASS
				RB50#0	21.74	24.14	33	PASS
		15	LCH	RB1#0	21.84	24.55	33	PASS
				RB1#38	22.07	24.74	33	PASS
				RB1#74	21.9	24.33	33	PASS
				RB38#0	21.56	24.17	33	PASS
				RB38#19	21.77	24.17	33	PASS
				RB38#39	21.64	24.44	33	PASS
				RB75#0	21.51	23.91	33	PASS
			MCH	RB1#0	22.1	24.5	33	PASS
				RB1#38	22.47	24.87	33	PASS
				RB1#74	22.13	24.87	33	PASS
				RB38#0	22	24.4	33	PASS
				RB38#19	22.2	24.95	33	PASS
				RB38#39	22	24.61	33	PASS
				RB75#0	22.07	24.79	33	PASS
			HCH	RB1#0	21.64	24.38	33	PASS
				RB1#38	22.18	24.58	33	PASS
				RB1#74	22.27	25.06	33	PASS
				RB38#0	21.56	23.96	33	PASS
				RB38#19	21.76	24.16	33	PASS
				RB38#39	21.83	24.59	33	PASS
				RB75#0	21.64	24.34	33	PASS
		20	LCH	RB1#0	21.93	24.69	33	PASS
				RB1#50	22.13	24.76	33	PASS

				RB1#99	22.29	24.69	33	PASS
				RB50#0	21.55	24.17	33	PASS
				RB50#25	21.61	24.01	33	PASS
				RB50#50	21.54	23.94	33	PASS
				RB100#0	21.64	24.04	33	PASS
			MCH	RB1#0	22.02	24.72	33	PASS
				RB1#50	22.48	25.19	33	PASS
				RB1#99	21.97	24.59	33	PASS
				RB50#0	21.98	24.63	33	PASS
				RB50#25	22.19	24.95	33	PASS
				RB50#50	21.9	24.33	33	PASS
				RB100#0	22.01	24.41	33	PASS
			HCH	RB1#0	21.51	24.24	33	PASS
				RB1#50	21.95	24.35	33	PASS
				RB1#99	22.07	24.73	33	PASS
				RB50#0	21.59	24.29	33	PASS
				RB50#25	21.73	24.44	33	PASS
				RB50#50	21.81	24.21	33	PASS
				RB100#0	21.6	24.05	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	22.18	24.63	33	PASS
				RB1#13	22.57	24.67	33	PASS
				RB1#24	22.28	24.38	33	PASS
				RB12#0	21.7	23.81	33	PASS
				RB12#6	21.79	24.11	33	PASS
				RB12#13	21.67	23.77	33	PASS
				RB25#0	21.66	23.76	33	PASS
			MCH	RB1#0	22.59	24.69	33	PASS
				RB1#13	22.88	24.98	33	PASS
				RB1#24	22.66	25.12	33	PASS
				RB12#0	21.92	24.02	33	PASS
				RB12#6	22.07	24.51	33	PASS
				RB12#13	21.91	24.39	33	PASS
				RB25#0	21.83	23.93	33	PASS
			HCH	RB1#0	22.84	24.94	33	PASS
				RB1#13	23.23	25.72	33	PASS
				RB1#24	22.9	25.12	33	PASS
				RB12#0	22.1	24.54	33	PASS
				RB12#6	22.26	24.69	33	PASS
				RB12#13	22.21	24.57	33	PASS
				RB25#0	22.04	24.39	33	PASS
		10	LCH	RB1#0	21.97	24.07	33	PASS
				RB1#25	22.39	24.87	33	PASS
				RB1#49	22.28	24.38	33	PASS
				RB25#0	21.32	23.81	33	PASS
				RB25#13	21.43	23.53	33	PASS
				RB25#25	21.26	23.36	33	PASS
				RB50#0	21.4	23.51	33	PASS
			MCH	RB1#0	22.22	24.71	33	PASS
				RB1#25	22.83	25.16	33	PASS
				RB1#49	22.75	25.15	33	PASS
				RB25#0	21.53	23.88	33	PASS
				RB25#13	21.76	23.86	33	PASS
				RB25#25	21.65	23.75	33	PASS
				RB50#0	21.53	23.63	33	PASS
			HCH	RB1#0	22.39	24.83	33	PASS

				RB1#25	23.06	25.55	33	PASS
				RB1#49	22.74	25.13	33	PASS
				RB25#0	21.62	23.96	33	PASS
				RB25#13	21.98	24.08	33	PASS
				RB25#25	21.74	23.84	33	PASS
				RB50#0	21.66	23.76	33	PASS
		15	LCH	RB1#0	22.3	24.41	33	PASS
				RB1#38	22.6	24.73	33	PASS
				RB1#74	22.38	24.69	33	PASS
				RB36#0	21.64	23.74	33	PASS
				RB36#18	21.6	24.01	33	PASS
				RB36#39	21.41	23.83	33	PASS
				RB75#0	21.54	24.03	33	PASS
			MCH	RB1#0	22.16	24.53	33	PASS
				RB1#38	22.86	25.19	33	PASS
				RB1#74	22.64	24.74	33	PASS
				RB36#0	21.67	24.17	33	PASS
				RB36#18	21.93	24.43	33	PASS
				RB36#39	21.86	24.21	33	PASS
				RB75#0	21.69	24.04	33	PASS
			HCH	RB1#0	22.34	24.64	33	PASS
				RB1#38	22.94	25.43	33	PASS
				RB1#74	22.94	25.25	33	PASS
				RB36#0	21.65	23.97	33	PASS
				RB36#18	21.91	24.01	33	PASS
				RB36#39	21.84	23.94	33	PASS
				RB75#0	21.87	23.97	33	PASS
		20	LCH	RB1#0	22.37	24.47	33	PASS
				RB1#50	22.58	24.95	33	PASS
				RB1#99	22.35	24.45	33	PASS
				RB50#0	21.55	23.65	33	PASS
				RB50#25	21.48	23.83	33	PASS
				RB50#50	21.31	23.41	33	PASS
				RB100#0	21.51	23.93	33	PASS
			MCH	RB1#0	22.13	24.52	33	PASS
				RB1#50	22.87	24.97	33	PASS
				RB1#99	22.74	24.84	33	PASS
				RB50#0	21.48	23.92	33	PASS
				RB50#25	21.79	23.89	33	PASS
				RB50#50	21.74	23.84	33	PASS
				RB100#0	21.67	23.97	33	PASS

			HCH	RB1#0	22.49	24.59	33	PASS
				RB1#50	22.92	25.02	33	PASS
				RB1#99	22.87	25.19	33	PASS
				RB50#0	21.79	23.89	33	PASS
				RB50#25	22.01	24.11	33	PASS
				RB50#50	21.8	24.22	33	PASS
				RB100#0	21.89	23.99	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.05	23.15	33	PASS
				RB1#13	21.48	23.84	33	PASS
				RB1#24	21.2	23.3	33	PASS
				RB12#0	20.19	22.29	33	PASS
				RB12#6	20.31	22.41	33	PASS
				RB12#13	20.22	22.32	33	PASS
				RB25#0	20.19	22.29	33	PASS
			MCH	RB1#0	21.4	23.86	33	PASS
				RB1#13	21.73	23.83	33	PASS
				RB1#24	21.48	23.78	33	PASS
				RB12#0	20.63	22.73	33	PASS
				RB12#6	20.81	22.91	33	PASS
				RB12#13	20.65	22.75	33	PASS
				RB25#0	20.5	22.84	33	PASS
			HCH	RB1#0	21.74	23.84	33	PASS
				RB1#13	22.15	24.57	33	PASS
				RB1#24	21.8	24.21	33	PASS
				RB12#0	20.91	23.26	33	PASS
				RB12#6	21.08	23.18	33	PASS
				RB12#13	21.05	23.15	33	PASS
				RB25#0	20.85	22.95	33	PASS
		10	LCH	RB1#0	21.05	23.15	33	PASS
				RB1#25	21.56	24.05	33	PASS
				RB1#49	21.45	23.89	33	PASS
				RB25#0	20.04	22.14	33	PASS
				RB25#13	20.19	22.52	33	PASS
				RB25#25	20.04	22.52	33	PASS
				RB50#0	20.16	22.26	33	PASS
			MCH	RB1#0	21.41	23.51	33	PASS
				RB1#25	22.11	24.57	33	PASS
				RB1#49	22.03	24.13	33	PASS
				RB25#0	20.34	22.66	33	PASS
				RB25#13	20.57	22.97	33	PASS
				RB25#25	20.46	22.56	33	PASS

			HCH	RB50#0	20.33	22.8	33	PASS
				RB1#0	21.28	23.69	33	PASS
				RB1#25	22	24.17	33	PASS
				RB1#49	21.92	24.25	33	PASS
				RB25#0	20.37	22.76	33	PASS
				RB25#13	20.74	22.84	33	PASS
				RB25#25	20.6	22.97	33	PASS
				RB50#0	20.51	22.85	33	PASS
		15	LCH	RB1#0	21.4	23.51	33	PASS
				RB1#38	21.79	23.89	33	PASS
				RB1#74	21.52	23.82	33	PASS
				RB36#0	20.37	22.76	33	PASS
				RB36#18	20.38	22.48	33	PASS
				RB36#39	20.2	22.32	33	PASS
				RB75#0	20.3	22.45	33	PASS
			MCH	RB1#0	21.44	23.79	33	PASS
				RB1#38	22.15	24.25	33	PASS
				RB1#74	21.97	24.34	33	PASS
				RB36#0	20.46	22.81	33	PASS
				RB36#18	20.75	22.85	33	PASS
				RB36#39	20.69	23.13	33	PASS
				RB75#0	20.46	22.9	33	PASS
			HCH	RB1#0	21.59	23.69	33	PASS
				RB1#38	22.16	24.51	33	PASS
				RB1#74	22.19	24.29	33	PASS
				RB36#0	20.41	22.51	33	PASS
				RB36#18	20.69	22.79	33	PASS
				RB36#39	20.73	23.21	33	PASS
				RB75#0	20.66	22.76	33	PASS
		20	LCH	RB1#0	21.6	23.7	33	PASS
				RB1#50	21.8	23.9	33	PASS
				RB1#99	21.62	23.72	33	PASS
				RB50#0	20.32	22.42	33	PASS
				RB50#25	20.29	22.7	33	PASS
				RB50#50	20.14	22.63	33	PASS
				RB100#0	20.31	22.41	33	PASS
			MCH	RB1#0	21.37	23.47	33	PASS
				RB1#50	22.09	24.59	33	PASS
				RB1#99	22.04	24.14	33	PASS
				RB50#0	20.27	22.37	33	PASS
				RB50#25	20.6	22.96	33	PASS

				RB50#50	20.56	22.66	33	PASS
				RB100#0	20.47	22.57	33	PASS
			HCH	RB1#0	21.87	24.35	33	PASS
				RB1#50	22.22	24.32	33	PASS
				RB1#99	22.45	24.55	33	PASS
				RB50#0	20.57	22.98	33	PASS
				RB50#25	20.79	22.89	33	PASS
				RB50#50	20.56	22.87	33	PASS
				RB100#0	20.69	23.05	33	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.

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM1900	GSM/TM1	LCH	0.45	13	PASS
		MCH	0.44	13	PASS
		HCH	0.44	13	PASS
	GSM/TM2	LCH	3.02	13	PASS
		MCH	2.99	13	PASS
		HCH	2.98	13	PASS
Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM1	LCH	3.14	13	PASS
		MCH	3.36	13	PASS
		HCH	3.19	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	2.76	13	PASS
				RB1#3	2.67	13	PASS
				RB1#5	2.87	13	PASS
				RB3#0	3.36	13	PASS
				RB3#2	3.11	13	PASS
				RB3#3	3.34	13	PASS
				RB6#0	3.96	13	PASS
			MCH	RB1#0	3.05	13	PASS
				RB1#3	2.88	13	PASS
				RB1#5	2.98	13	PASS
				RB3#0	3.57	13	PASS
				RB3#2	3.37	13	PASS
				RB3#3	3.49	13	PASS
				RB6#0	4.13	13	PASS
			HCH	RB1#0	2.62	13	PASS
				RB1#3	2.69	13	PASS
				RB1#5	2.67	13	PASS
				RB3#0	3.15	13	PASS
				RB3#2	3.08	13	PASS
				RB3#3	3.21	13	PASS
				RB6#0	3.74	13	PASS
		3	LCH	RB1#0	2.87	13	PASS
				RB1#7	2.83	13	PASS
				RB1#14	3.19	13	PASS
				RB8#0	3.59	13	PASS
				RB8#4	3.78	13	PASS
				RB8#7	3.53	13	PASS
				RB15#0	4.68	13	PASS
			MCH	RB1#0	3.54	13	PASS
				RB1#7	2.9	13	PASS
				RB1#14	3.09	13	PASS
				RB8#0	3.69	13	PASS
				RB8#4	3.53	13	PASS
				RB8#7	3.67	13	PASS
				RB15#0	4.56	13	PASS
			HCH	RB1#0	2.92	13	PASS
				RB1#7	2.59	13	PASS
				RB1#14	2.79	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB8#0	3.32	13	PASS
				RB8#4	3.33	13	PASS
				RB8#7	3.44	13	PASS
				RB15#0	4.14	13	PASS
			LCH	RB1#0	3.14	13	PASS
				RB1#13	2.94	13	PASS
				RB1#24	3.42	13	PASS
				RB12#0	3.33	13	PASS
				RB12#6	3.31	13	PASS
				RB12#13	3.5	13	PASS
				RB25#0	4.11	13	PASS
			MCH	RB1#0	3.4	13	PASS
				RB1#13	2.94	13	PASS
				RB1#24	3.09	13	PASS
				RB12#0	3.52	13	PASS
				RB12#6	3.34	13	PASS
				RB12#13	3.5	13	PASS
				RB25#0	4.06	13	PASS
			HCH	RB1#0	3.42	13	PASS
				RB1#13	2.68	13	PASS
				RB1#24	2.82	13	PASS
				RB12#0	3.26	13	PASS
				RB12#6	2.97	13	PASS
				RB12#13	3.15	13	PASS
				RB25#0	4.15	13	PASS
		10	LCH	RB1#0	3.16	13	PASS
				RB1#25	3.03	13	PASS
				RB1#49	3.43	13	PASS
				RB25#0	3.45	13	PASS
				RB25#13	3.53	13	PASS
				RB25#25	3.85	13	PASS
				RB50#0	4.41	13	PASS
			MCH	RB1#0	3.44	13	PASS
				RB1#25	2.98	13	PASS
				RB1#49	3.6	13	PASS
				RB25#0	3.7	13	PASS
				RB25#13	3.38	13	PASS
				RB25#25	3.46	13	PASS
				RB50#0	4.33	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	3.55	13	PASS
				RB1#25	2.97	13	PASS
				RB1#49	3.08	13	PASS
				RB25#0	3.63	13	PASS
				RB25#13	3.4	13	PASS
				RB25#25	3.42	13	PASS
				RB50#0	4.51	13	PASS
		15	LCH	RB1#0	3.81	13	PASS
				RB1#38	3.13	13	PASS
				RB1#74	3.6	13	PASS
				RB38#0	3.53	13	PASS
				RB38#19	3.72	13	PASS
				RB38#39	3.98	13	PASS
				RB75#0	4.75	13	PASS
			MCH	RB1#0	4.04	13	PASS
				RB1#38	2.86	13	PASS
				RB1#74	3.65	13	PASS
				RB38#0	3.69	13	PASS
				RB38#19	3.43	13	PASS
				RB38#39	3.53	13	PASS
				RB75#0	4.65	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#38	3.02	13	PASS
				RB1#74	3.18	13	PASS
				RB38#0	3.93	13	PASS
				RB38#19	3.69	13	PASS
				RB38#39	3.55	13	PASS
				RB75#0	4.61	13	PASS
		20	LCH	RB1#0	2.98	13	PASS
				RB1#50	3.31	13	PASS
				RB1#99	3.3	13	PASS
				RB50#0	3.78	13	PASS
				RB50#25	4	13	PASS
				RB50#50	4.19	13	PASS
				RB100#0	4.85	13	PASS
			MCH	RB1#0	3.38	13	PASS
				RB1#50	3.01	13	PASS
				RB1#99	3.21	13	PASS
				RB50#0	3.76	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	3.54	13	PASS
				RB50#50	3.63	13	PASS
				RB100#0	4.55	13	PASS
			HCH	RB1#0	3.35	13	PASS
				RB1#50	3.3	13	PASS
				RB1#99	2.64	13	PASS
				RB50#0	4.08	13	PASS
				RB50#25	3.88	13	PASS
				RB50#50	3.8	13	PASS
				RB100#0	4.75	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	3.33	13	PASS
				RB1#3	3.05	13	PASS
				RB1#5	3.17	13	PASS
				RB3#0	3.42	13	PASS
				RB3#2	3.23	13	PASS
				RB3#3	3.4	13	PASS
				RB6#0	4.16	13	PASS
			MCH	RB1#0	3.23	13	PASS
				RB1#3	3.02	13	PASS
				RB1#5	3.01	13	PASS
				RB3#0	3.65	13	PASS
				RB3#2	3.54	13	PASS
				RB3#3	3.55	13	PASS
				RB6#0	4.32	13	PASS
			HCH	RB1#0	3.27	13	PASS
				RB1#3	3.23	13	PASS
				RB1#5	2.94	13	PASS
				RB3#0	3.56	13	PASS
				RB3#2	3.34	13	PASS
				RB3#3	3.42	13	PASS
				RB6#0	4.05	13	PASS
		3	LCH	RB1#0	2.93	13	PASS
				RB1#7	2.93	13	PASS
				RB1#14	3.71	13	PASS
				RB8#0	3.69	13	PASS
				RB8#4	3.6	13	PASS
				RB8#7	3.85	13	PASS
				RB15#0	4.76	13	PASS
			MCH	RB1#0	3.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	2.96	13	PASS
				RB1#14	3.69	13	PASS
				RB8#0	3.89	13	PASS
				RB8#4	3.77	13	PASS
				RB8#7	3.81	13	PASS
				RB15#0	4.84	13	PASS
			HCH	RB1#0	3.24	13	PASS
				RB1#7	2.95	13	PASS
				RB1#14	3.7	13	PASS
				RB8#0	3.79	13	PASS
				RB8#4	3.67	13	PASS
				RB8#7	3.6	13	PASS
				RB15#0	4.63	13	PASS
		5	LCH	RB1#0	3.55	13	PASS
				RB1#13	3.39	13	PASS
				RB1#24	3.86	13	PASS
				RB12#0	3.7	13	PASS
				RB12#6	3.66	13	PASS
				RB12#13	3.77	13	PASS
				RB25#0	4.43	13	PASS
			MCH	RB1#0	3.77	13	PASS
				RB1#13	3.45	13	PASS
				RB1#24	3.64	13	PASS
				RB12#0	3.86	13	PASS
				RB12#6	3.7	13	PASS
				RB12#13	3.69	13	PASS
				RB25#0	4.24	13	PASS
			HCH	RB1#0	3.69	13	PASS
				RB1#13	3.14	13	PASS
				RB1#24	3.4	13	PASS
				RB12#0	3.52	13	PASS
				RB12#6	3.34	13	PASS
				RB12#13	3.3	13	PASS
				RB25#0	4.17	13	PASS
		10	LCH	RB1#0	3.39	13	PASS
				RB1#25	3.59	13	PASS
				RB1#49	3.66	13	PASS
				RB25#0	3.76	13	PASS
				RB25#13	3.8	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	4.07	13	PASS
				RB50#0	4.64	13	PASS
			MCH	RB1#0	3.79	13	PASS
				RB1#25	3.19	13	PASS
				RB1#49	3.46	13	PASS
				RB25#0	3.9	13	PASS
				RB25#13	3.64	13	PASS
				RB25#25	3.75	13	PASS
				RB50#0	4.67	13	PASS
			HCH	RB1#0	3.99	13	PASS
				RB1#25	3.17	13	PASS
				RB1#49	3.2	13	PASS
				RB25#0	3.86	13	PASS
				RB25#13	3.57	13	PASS
				RB25#25	3.68	13	PASS
				RB50#0	4.6	13	PASS
		15	LCH	RB1#0	3.91	13	PASS
				RB1#38	3.38	13	PASS
				RB1#74	3.74	13	PASS
				RB38#0	3.73	13	PASS
				RB38#19	3.89	13	PASS
				RB38#39	4.17	13	PASS
				RB75#0	4.91	13	PASS
			MCH	RB1#0	3.98	13	PASS
				RB1#38	3.16	13	PASS
				RB1#74	3.78	13	PASS
				RB38#0	3.9	13	PASS
				RB38#19	3.65	13	PASS
				RB38#39	3.73	13	PASS
				RB75#0	4.79	13	PASS
			HCH	RB1#0	4.51	13	PASS
				RB1#38	3.39	13	PASS
				RB1#74	3.32	13	PASS
				RB38#0	4.12	13	PASS
				RB38#19	3.84	13	PASS
				RB38#39	3.78	13	PASS
				RB75#0	4.9	13	PASS
		20	LCH	RB1#0	3.85	13	PASS
				RB1#50	3.61	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	3.67	13	PASS
				RB50#0	3.94	13	PASS
				RB50#25	4.14	13	PASS
				RB50#50	4.38	13	PASS
				RB100#0	4.89	13	PASS
			MCH	RB1#0	3.81	13	PASS
				RB1#50	3.27	13	PASS
				RB1#99	3.7	13	PASS
				RB50#0	3.98	13	PASS
				RB50#25	3.85	13	PASS
				RB50#50	3.89	13	PASS
				RB100#0	4.78	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#50	3.71	13	PASS
				RB1#99	3.14	13	PASS
				RB50#0	4.28	13	PASS
				RB50#25	4.13	13	PASS
				RB50#50	4.01	13	PASS
				RB100#0	5	13	PASS

3Appendix_C: Modulation Characteristics

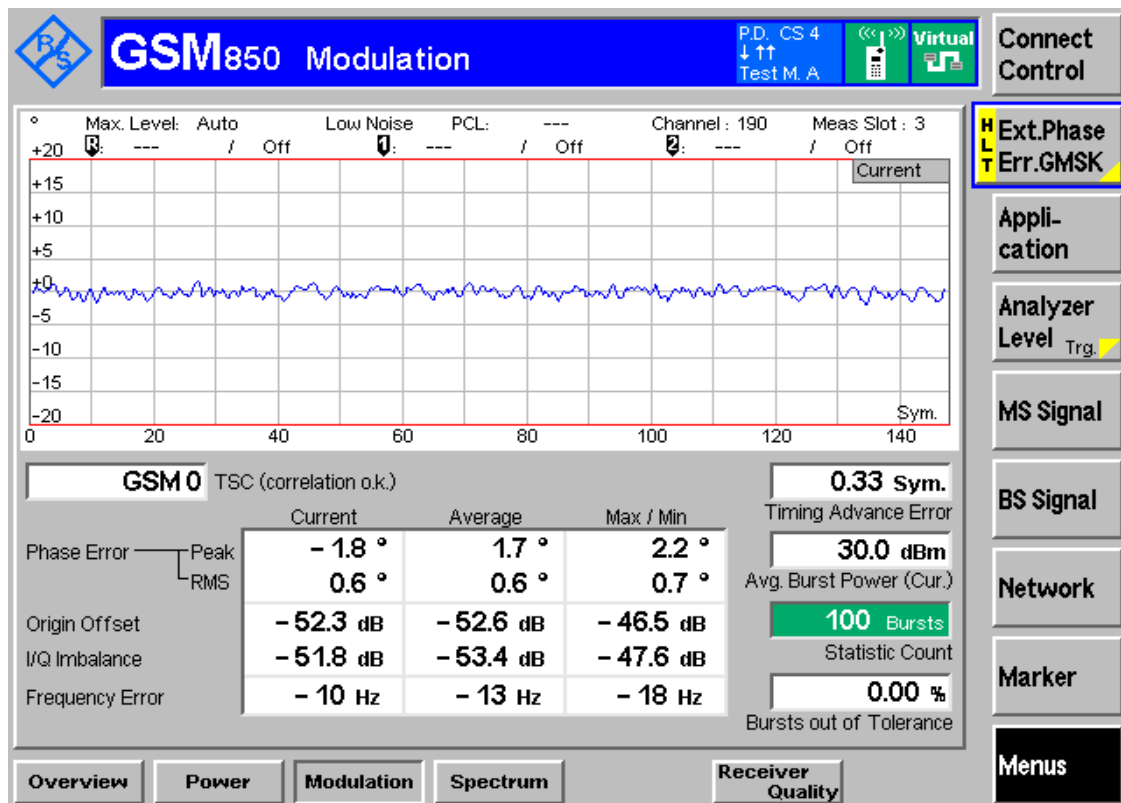
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

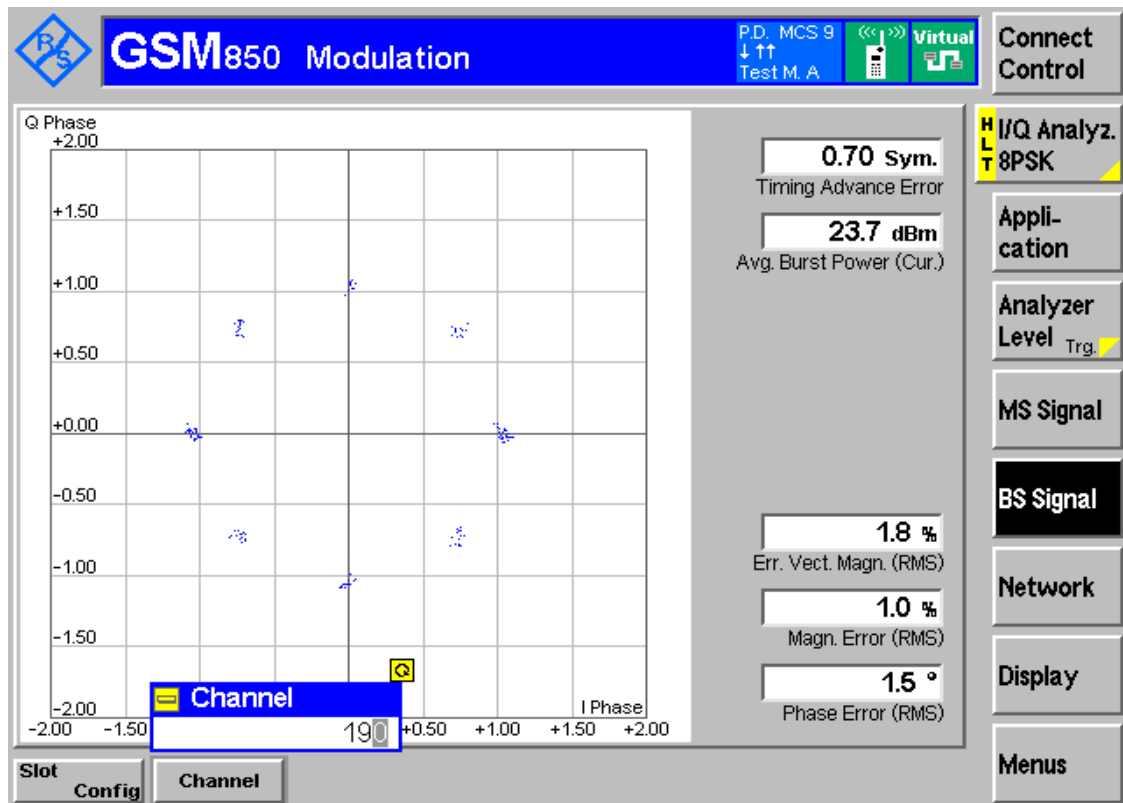
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

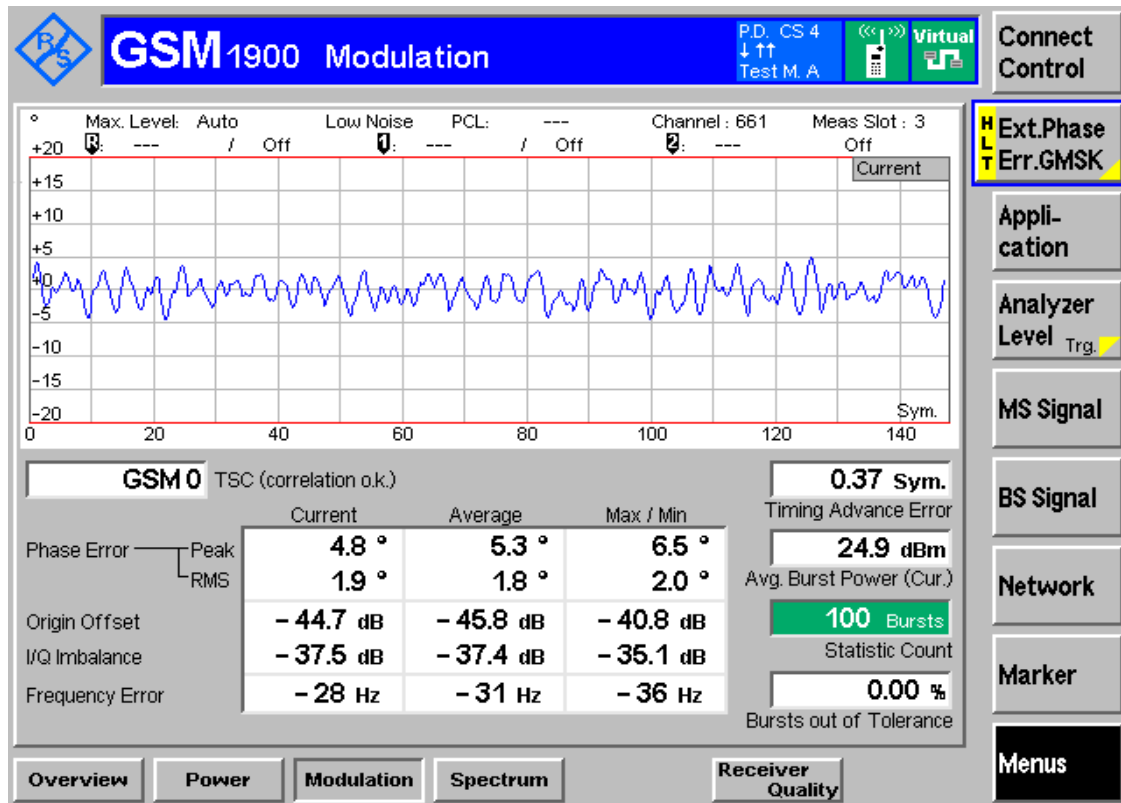
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

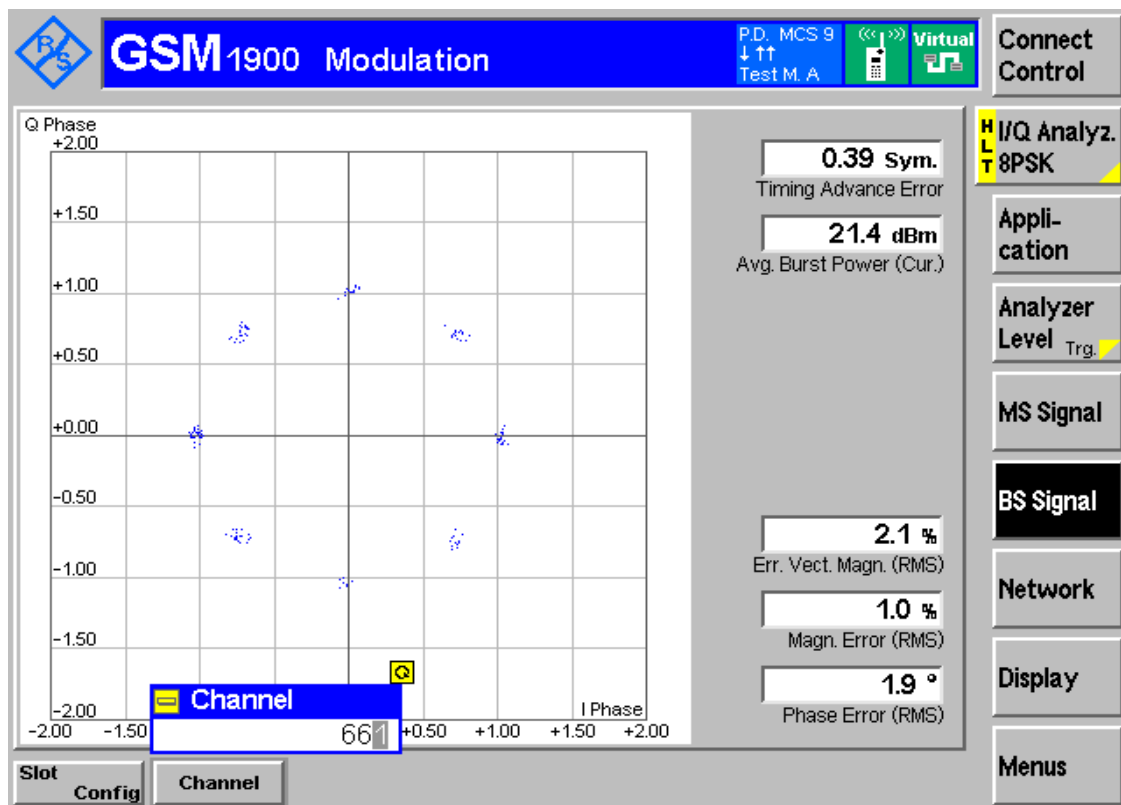
3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH



3.1.2.2 Test Mode = GSM/TM2

3.1.2.2.1 Test Channel = MCH

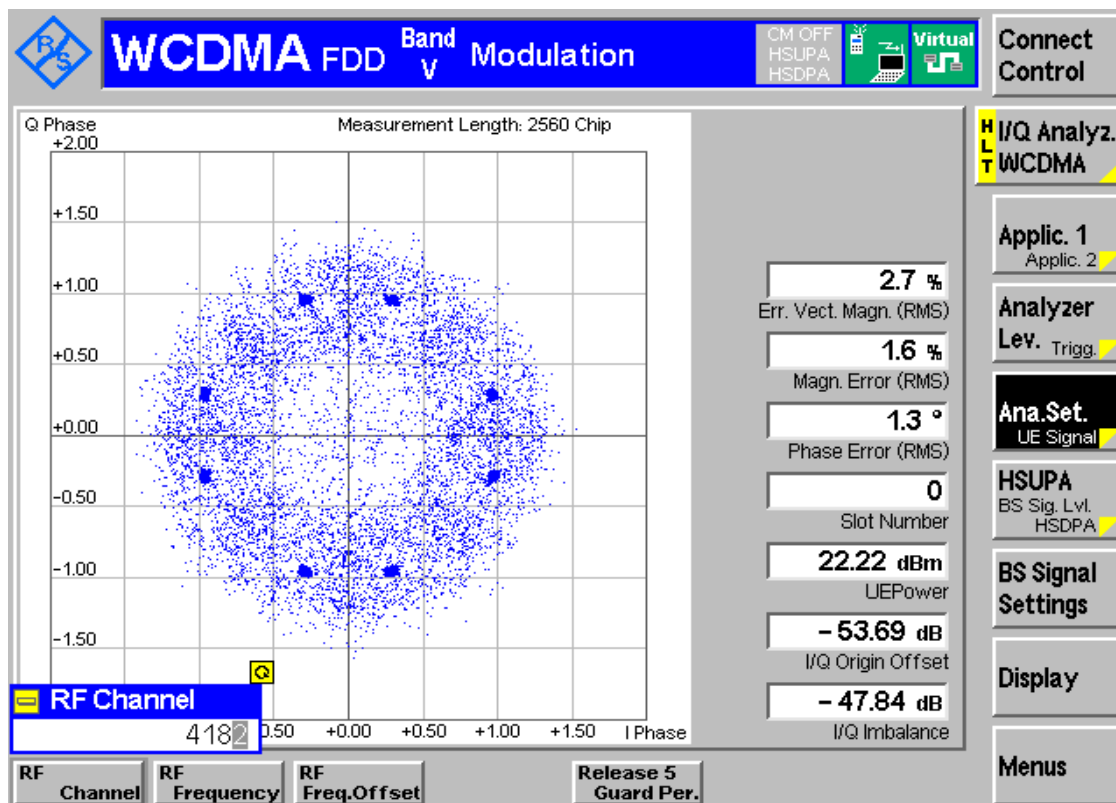


3.2 For UMTS

3.2.1 Test Band = WCDMA850

3.2.1.1 Test Mode = UMTS/TM1

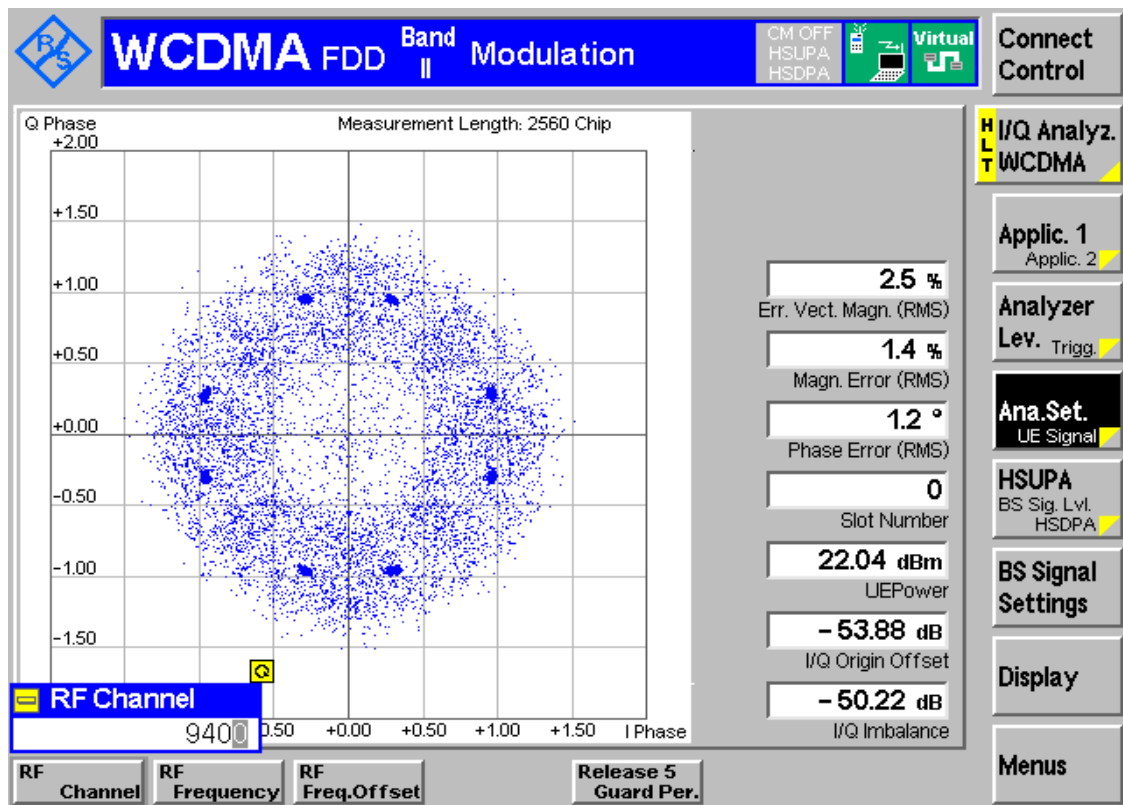
3.2.1.1.1 Test Channel = MCH



3.2.2 Test Band = WCDMA1900

3.2.2.1 Test Mode = UMTS/TM1

3.2.2.1.1 Test Channel = MCH



3.3 For LTE

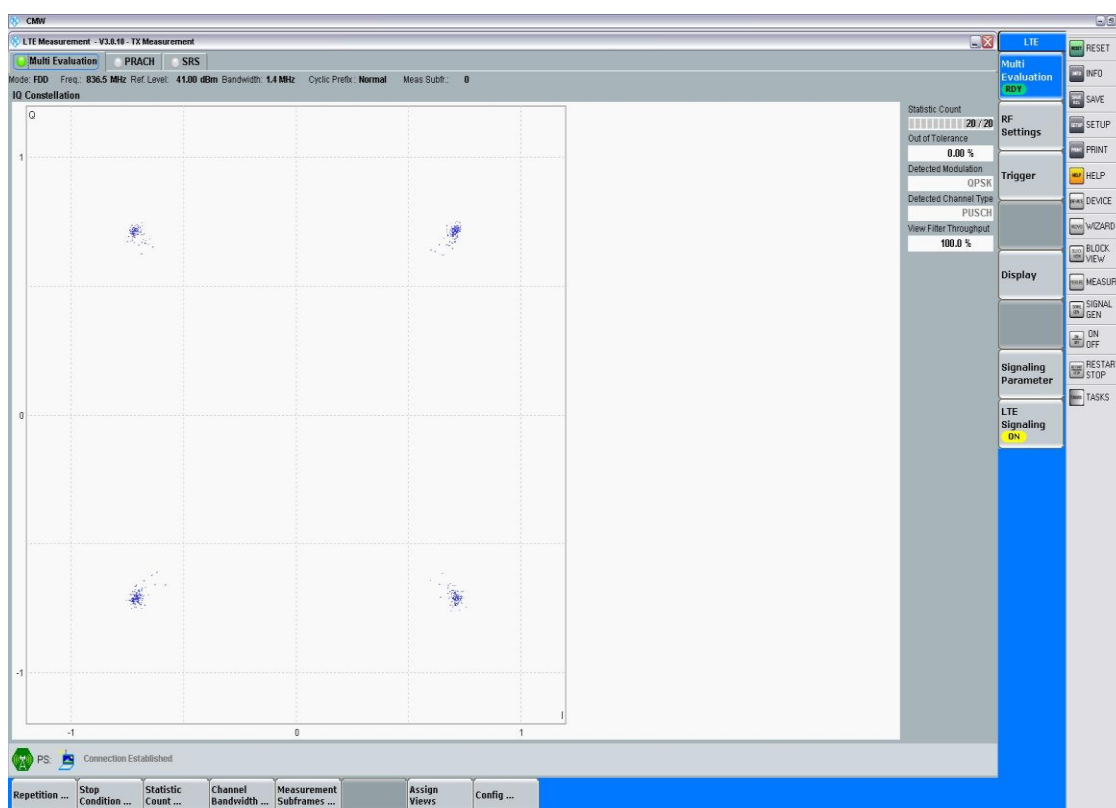
3.3.1 Test Band = BAND5

3.3.1.1 Test Mode = LTE/TM1

3.3.1.1.1 Test Bandwidth = 1.4

3.3.1.1.1.1 Test Channel = MCH

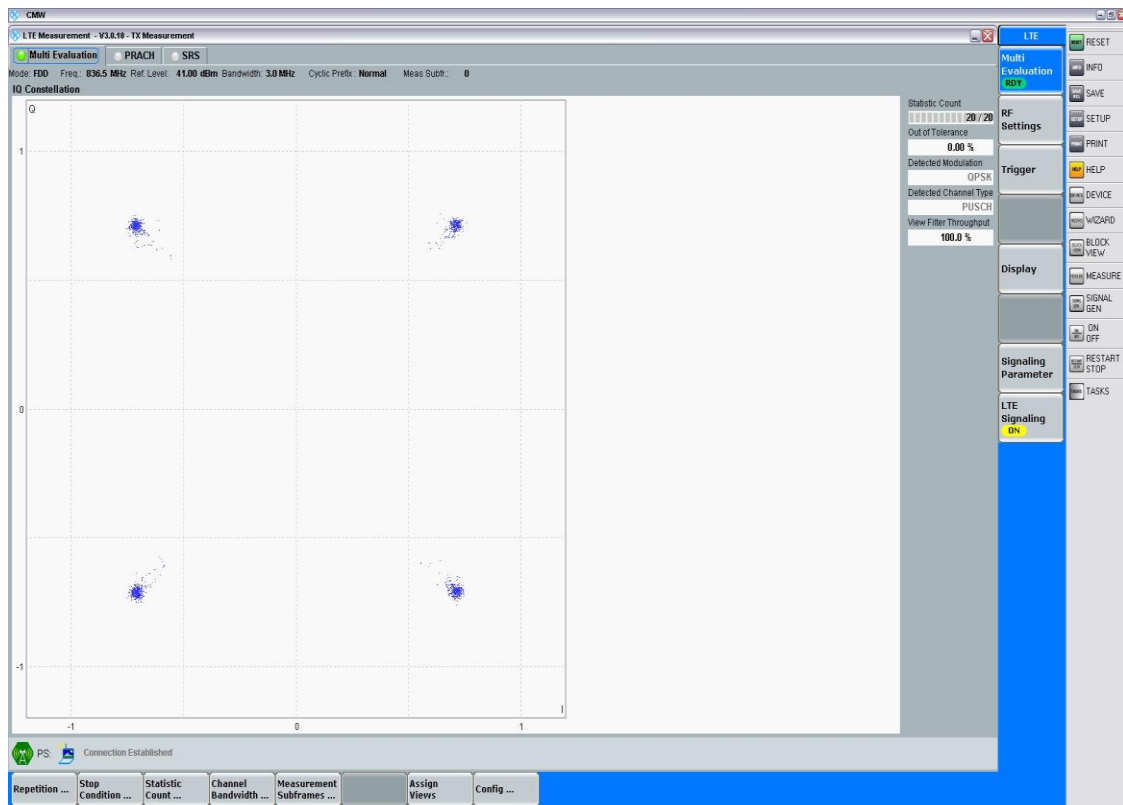
3.3.1.1.1.1.1 Test RB = RB6#0



3.3.1.1.2 Test Bandwidth = 3

3.3.1.1.2.1 Test Channel = MCH

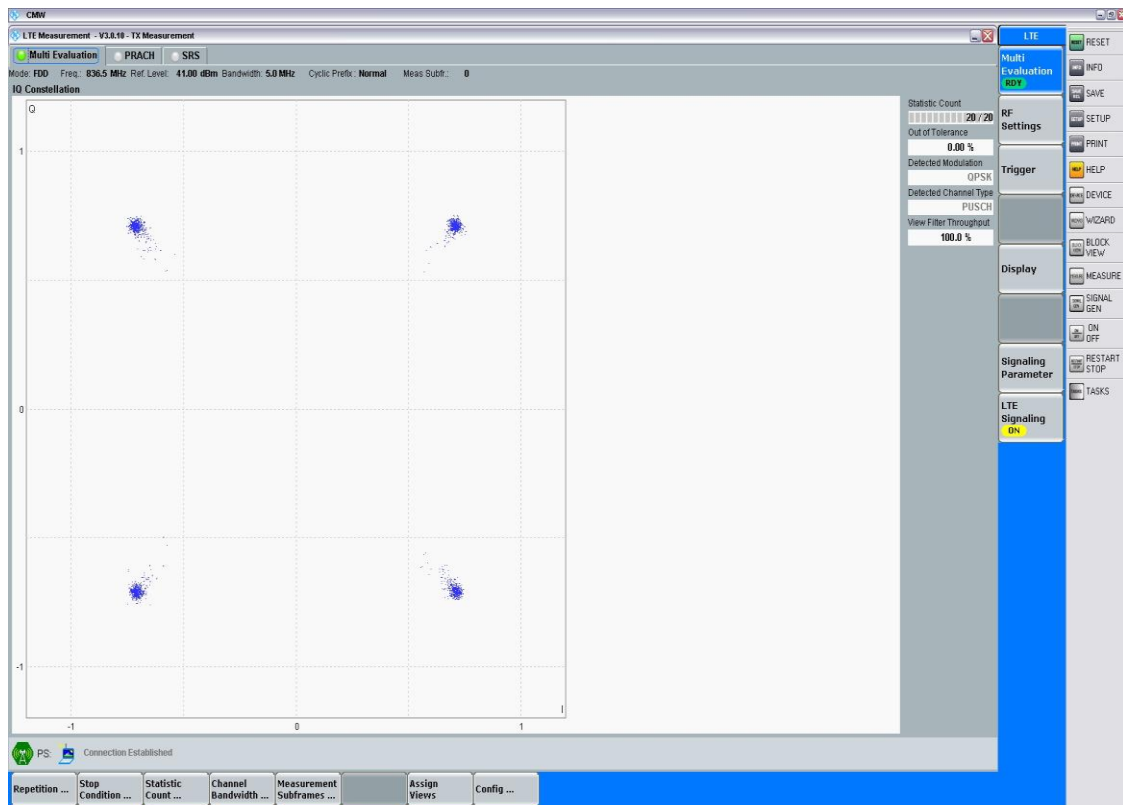
3.3.1.1.2.1.1 Test RB = RB15#0



3.3.1.1.3 Test Bandwidth = 5

3.3.1.1.3.1 Test Channel = MCH

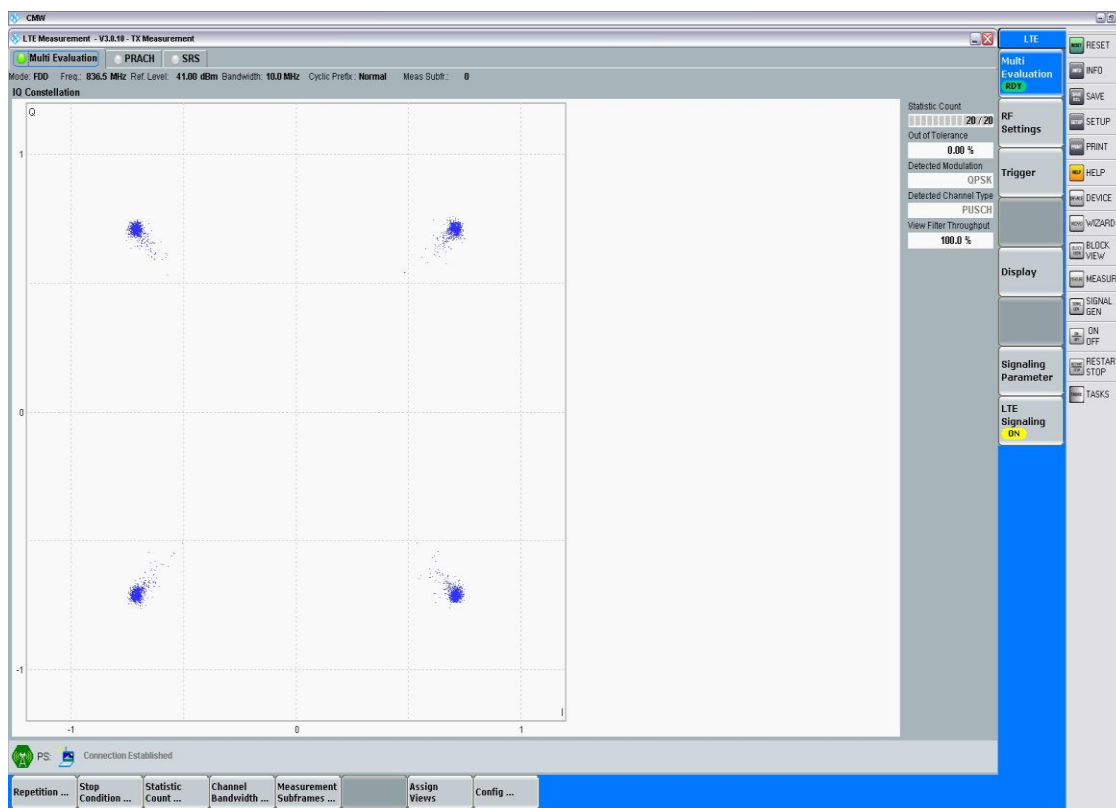
3.3.1.1.3.1.1 Test RB = RB25#0



3.3.1.1.4 Test Bandwidth = 10

3.3.1.1.4.1 Test Channel = MCH

3.3.1.1.4.1.1 Test RB = RB50#0

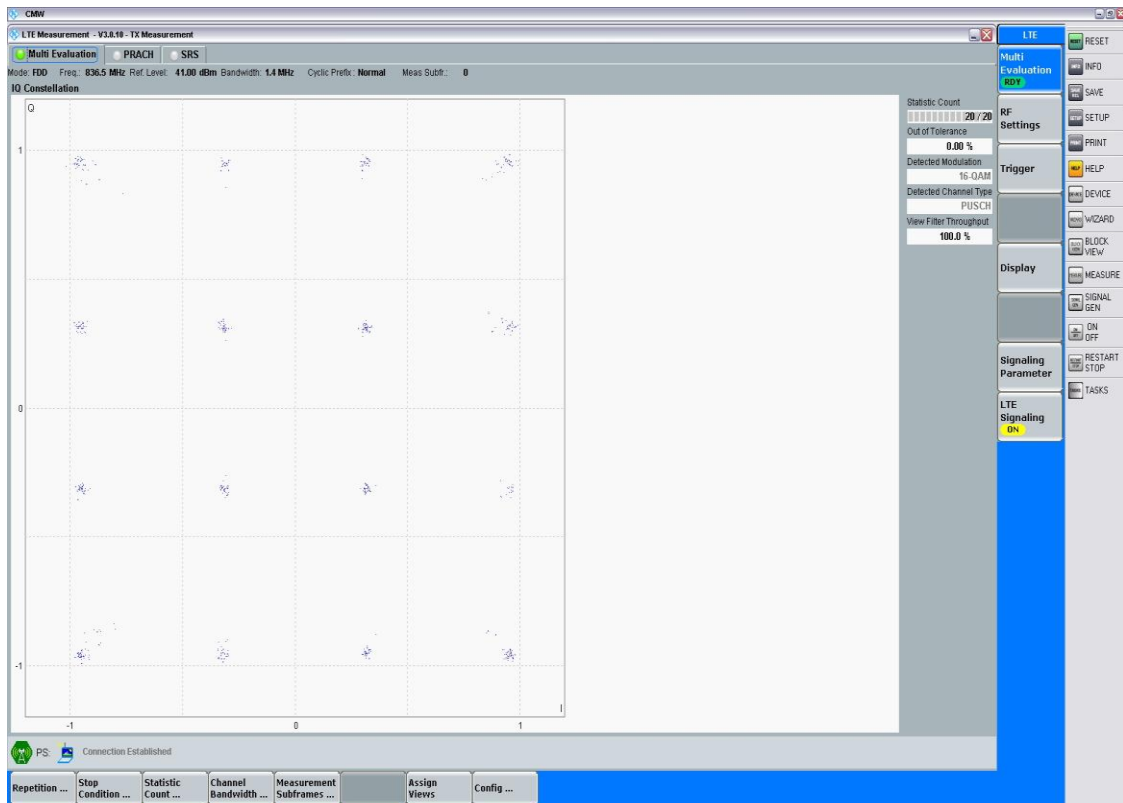


3.3.1.2 Test Mode = LTE/TM2

3.3.1.2.1 Test Bandwidth = 1.4

3.3.1.2.1.1 Test Channel = MCH

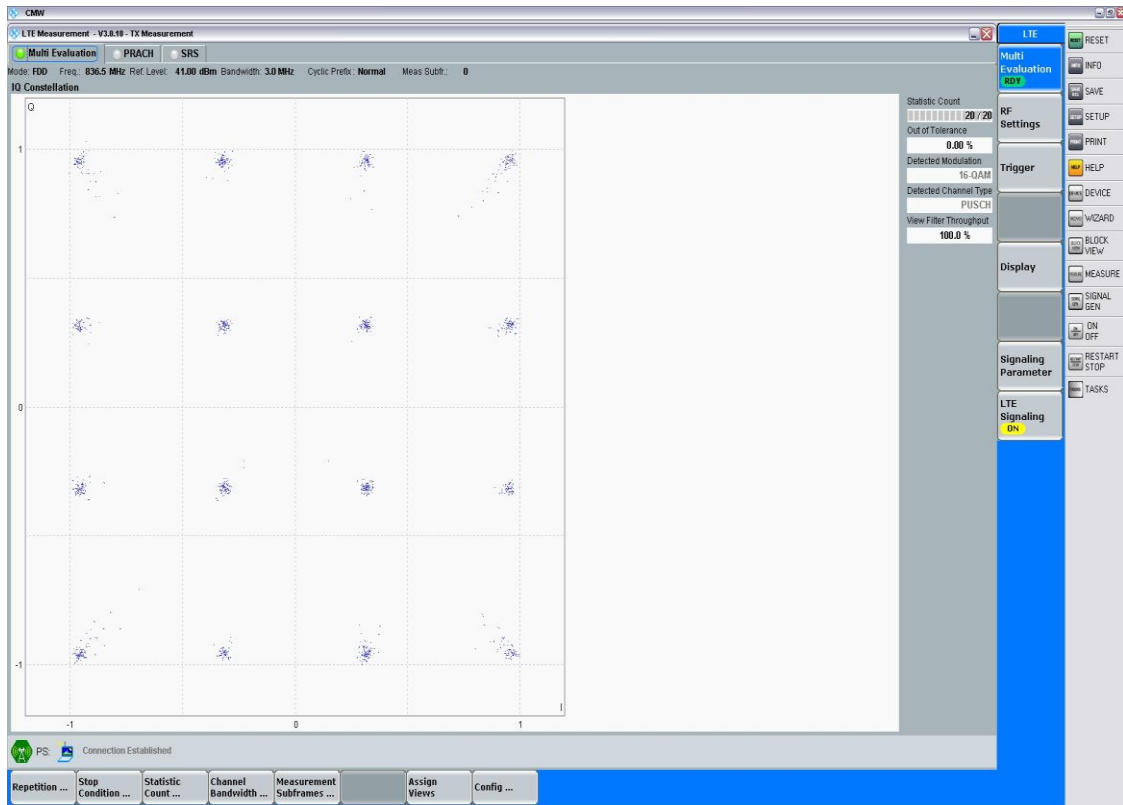
3.3.1.2.1.1.1 Test RB = RB6#0



3.3.1.2.2 Test Bandwidth = 3

3.3.1.2.2.1 Test Channel = MCH

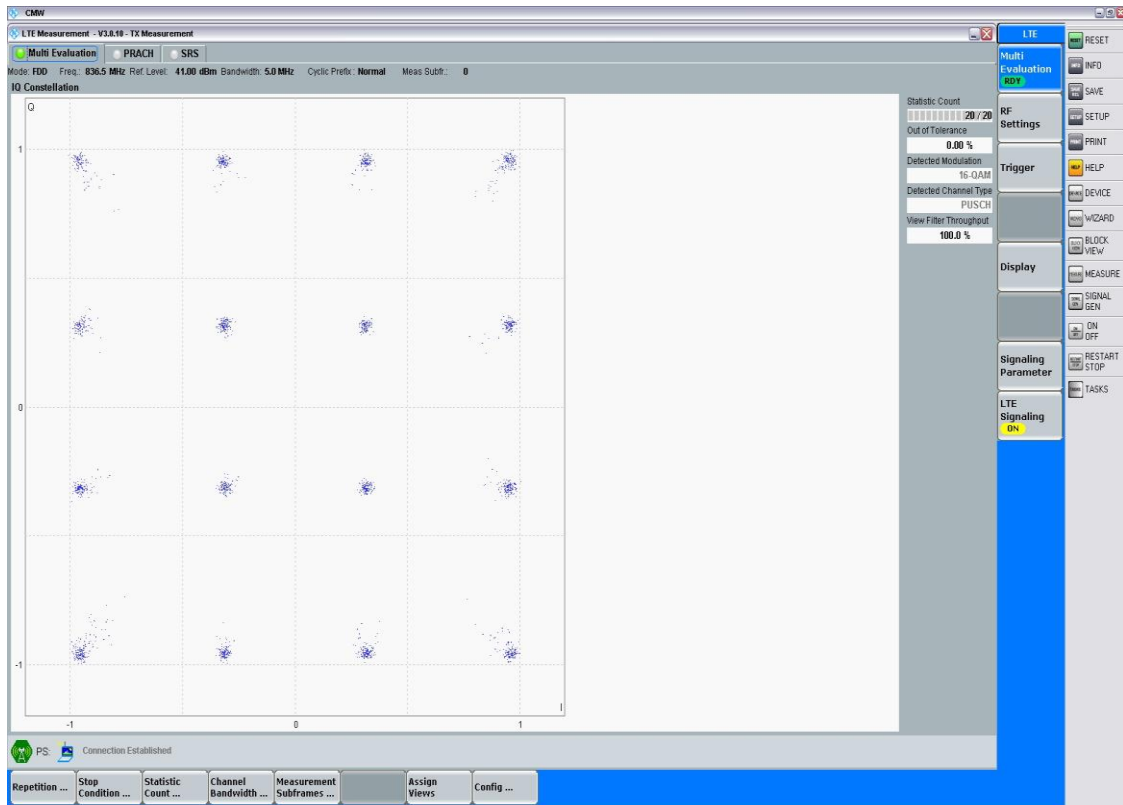
3.3.1.2.2.1.1 Test RB = RB15#0



3.3.1.2.3 Test Bandwidth = 5

3.3.1.2.3.1 Test Channel = MCH

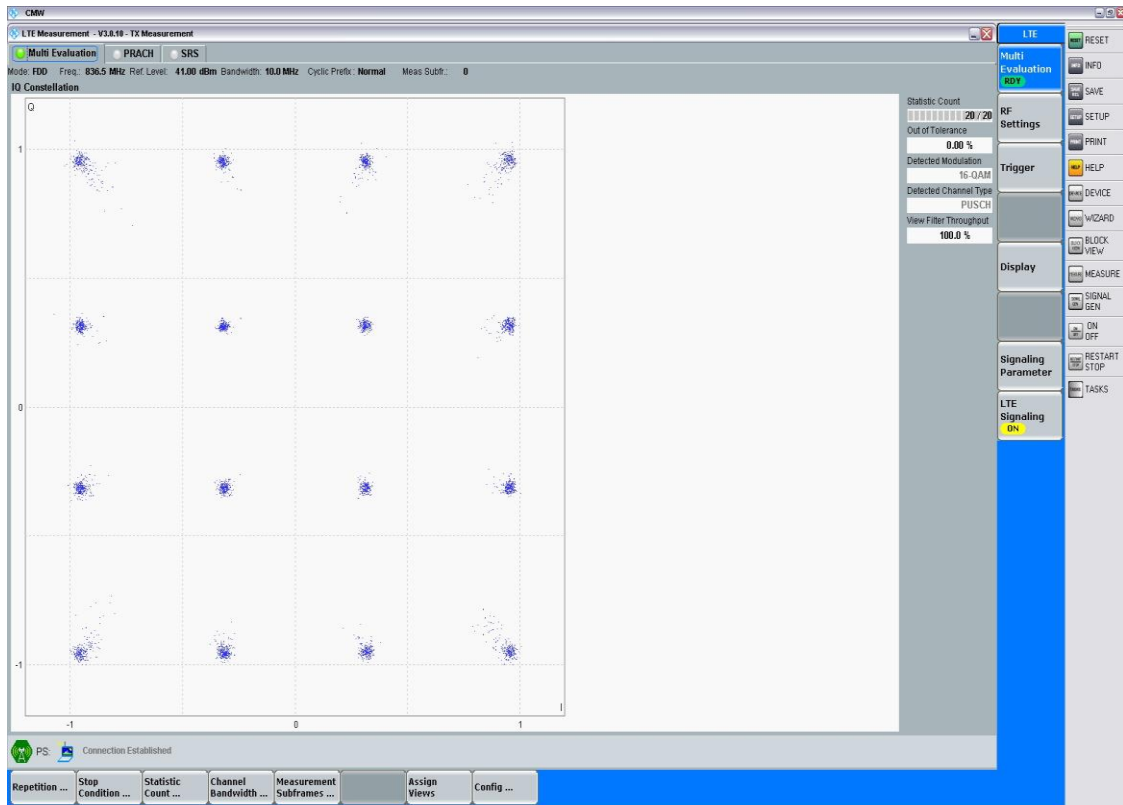
3.3.1.2.3.1.1 Test RB = RB25#0



3.3.1.2.4 Test Bandwidth = 10

3.3.1.2.4.1 Test Channel = MCH

3.3.1.2.4.1.1 Test RB = RB50#0



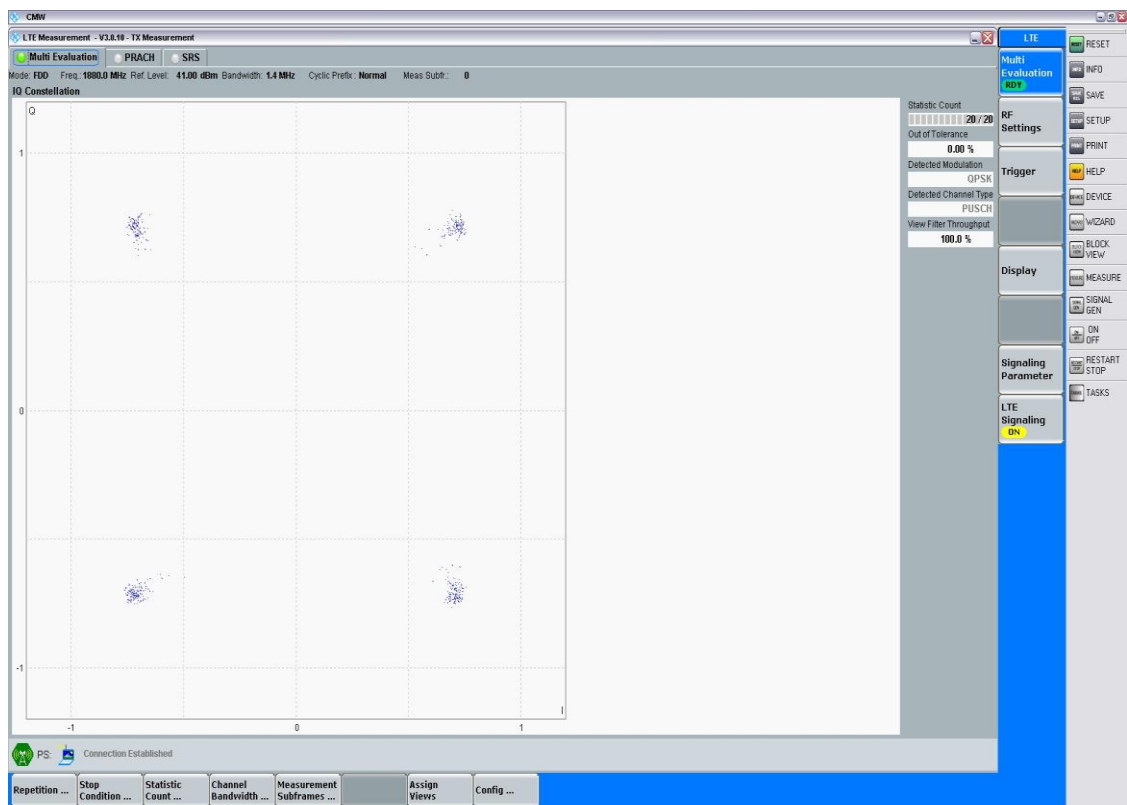
3.3.2 Test Band = BAND2

3.3.2.1 Test Mode = LTE/TM1

3.3.2.1.1 Test Bandwidth = 1.4

3.3.2.1.1.1 Test Channel = MCH

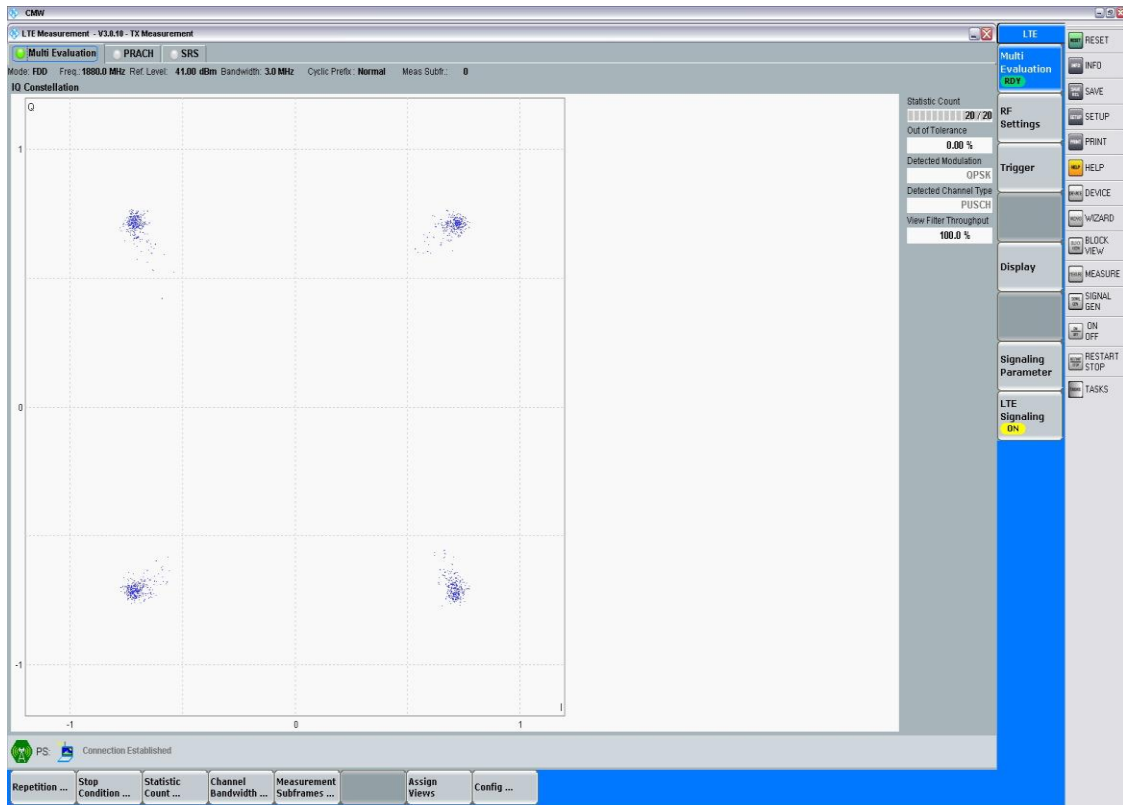
3.3.2.1.1.1.1 Test RB = RB6#0



3.3.2.1.2 Test Bandwidth = 3

3.3.2.1.2.1 Test Channel = MCH

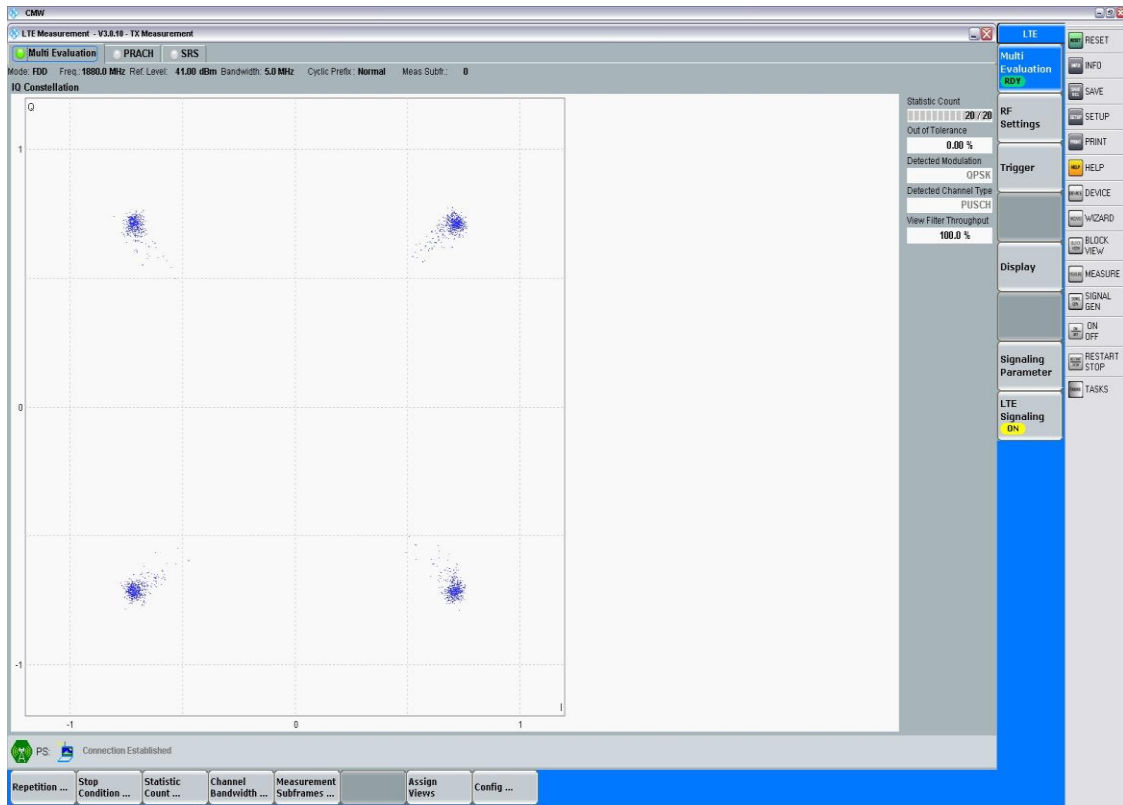
3.3.2.1.2.1.1 Test RB = RB15#0



3.3.2.1.3 Test Bandwidth = 5

3.3.2.1.3.1 Test Channel = MCH

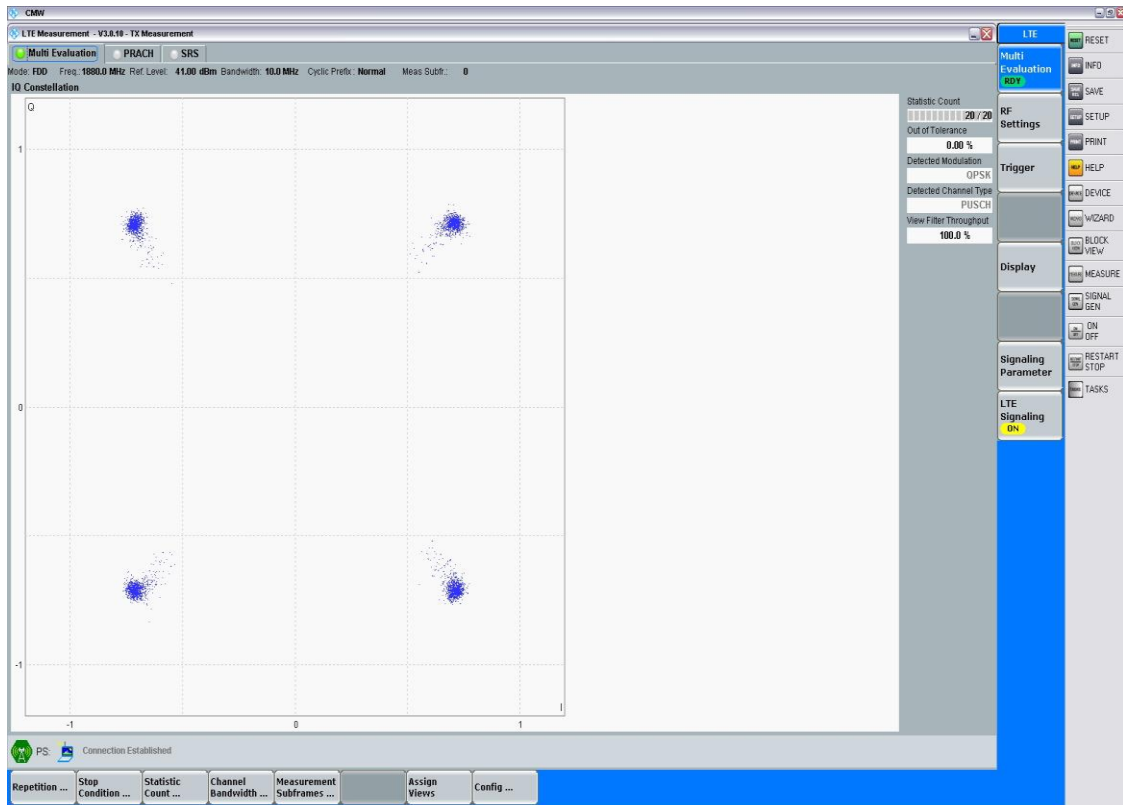
3.3.2.1.3.1.1 Test RB = RB25#0



3.3.2.1.4 Test Bandwidth = 10

3.3.2.1.4.1 Test Channel = MCH

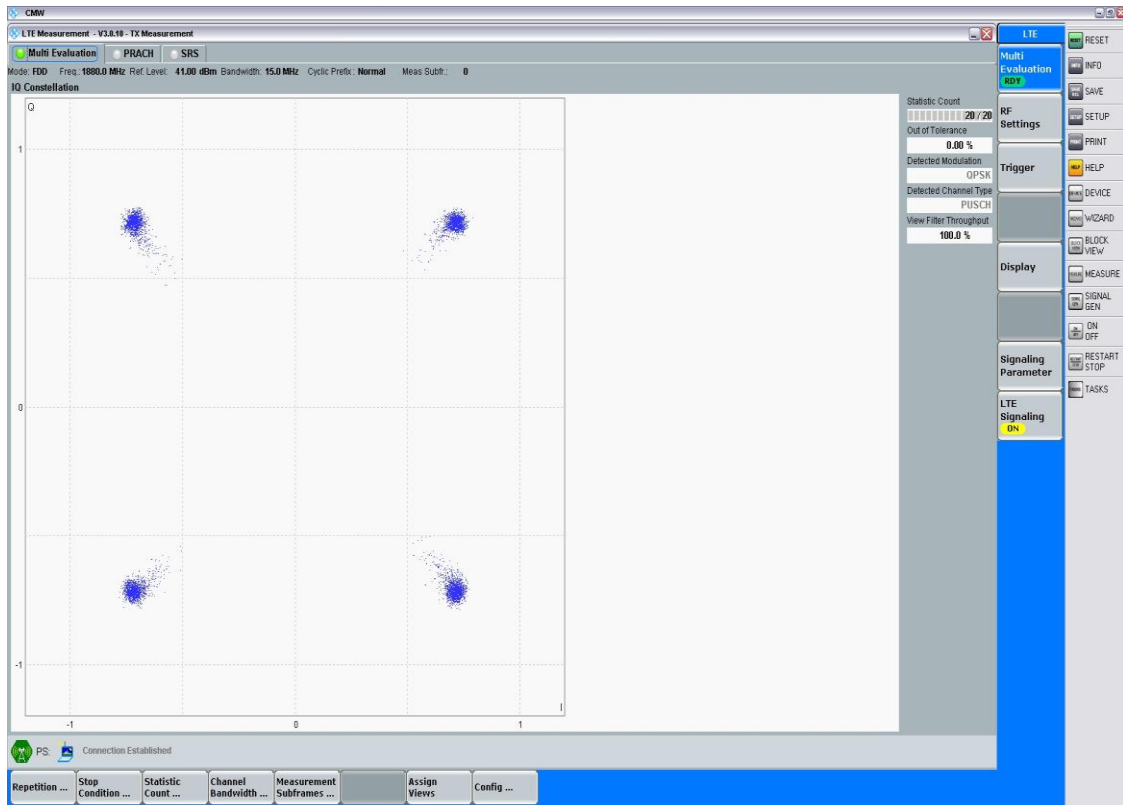
3.3.2.1.4.1.1 Test RB = RB50#0



3.3.2.1.5 Test Bandwidth = 15

3.3.2.1.5.1 Test Channel = MCH

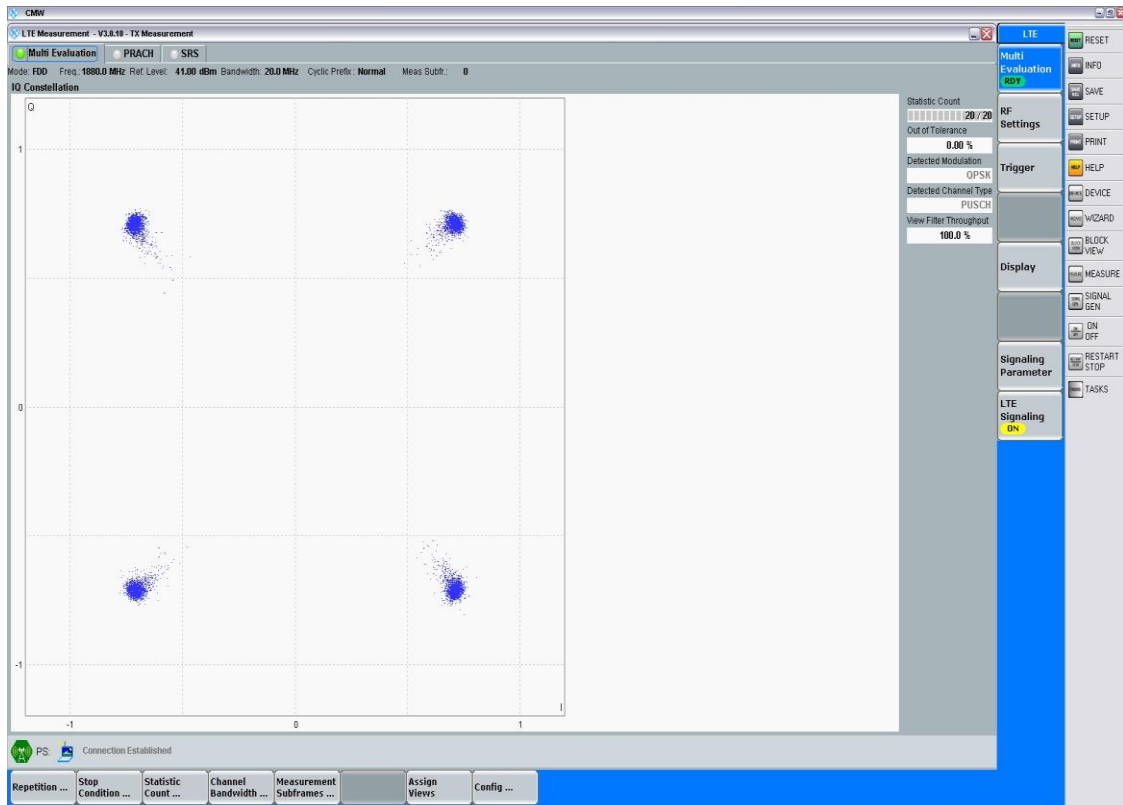
3.3.2.1.5.1.1 Test RB = RB75#0



3.3.2.1.6 Test Bandwidth = 20

3.3.2.1.6.1 Test Channel = MCH

3.3.2.1.6.1.1 Test RB = RB100#0

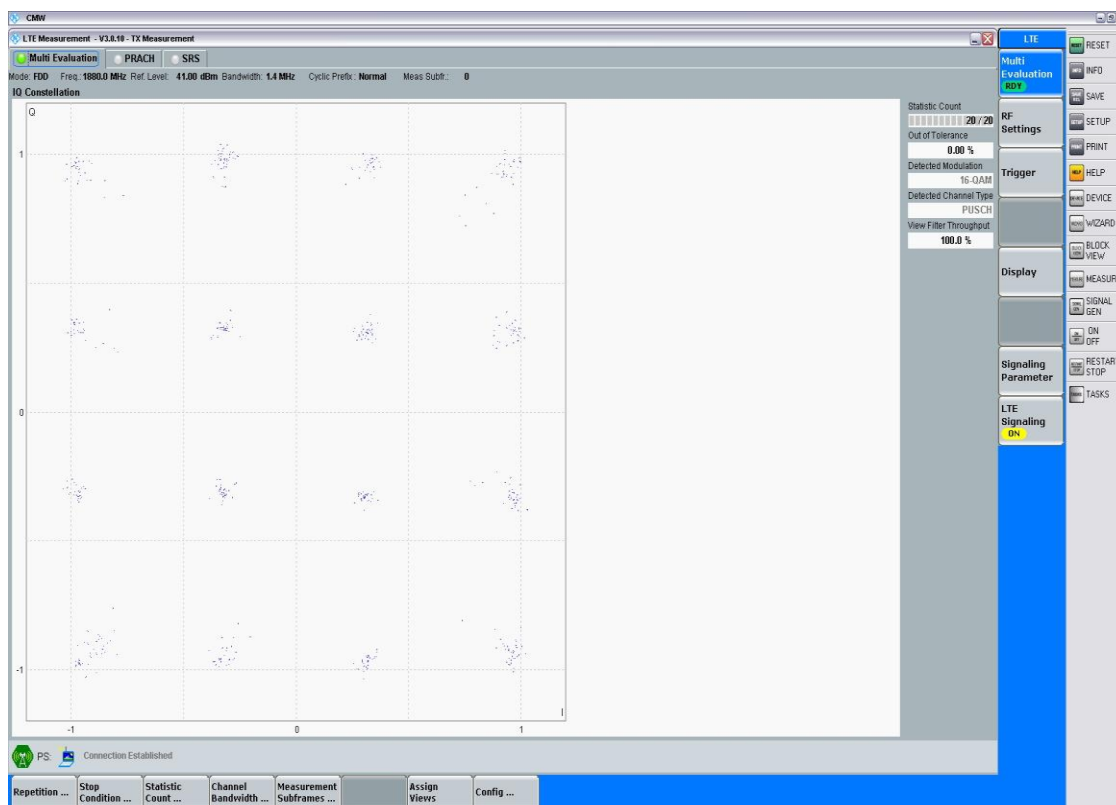


3.3.2.2 Test Mode = LTE/TM2

3.3.2.2.1 Test Bandwidth = 1.4

3.3.2.2.1.1 Test Channel = MCH

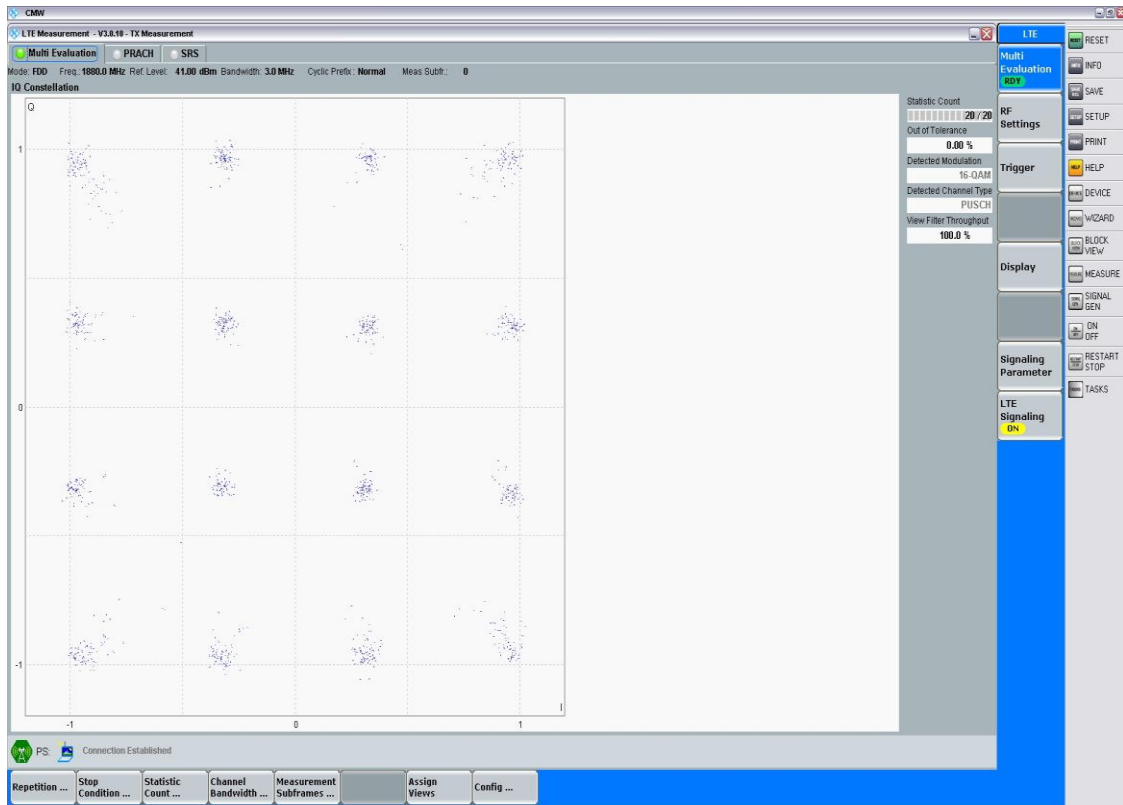
3.3.2.2.1.1.1 Test RB = RB6#0



3.3.2.2.2 Test Bandwidth = 3

3.3.2.2.2.1 Test Channel = MCH

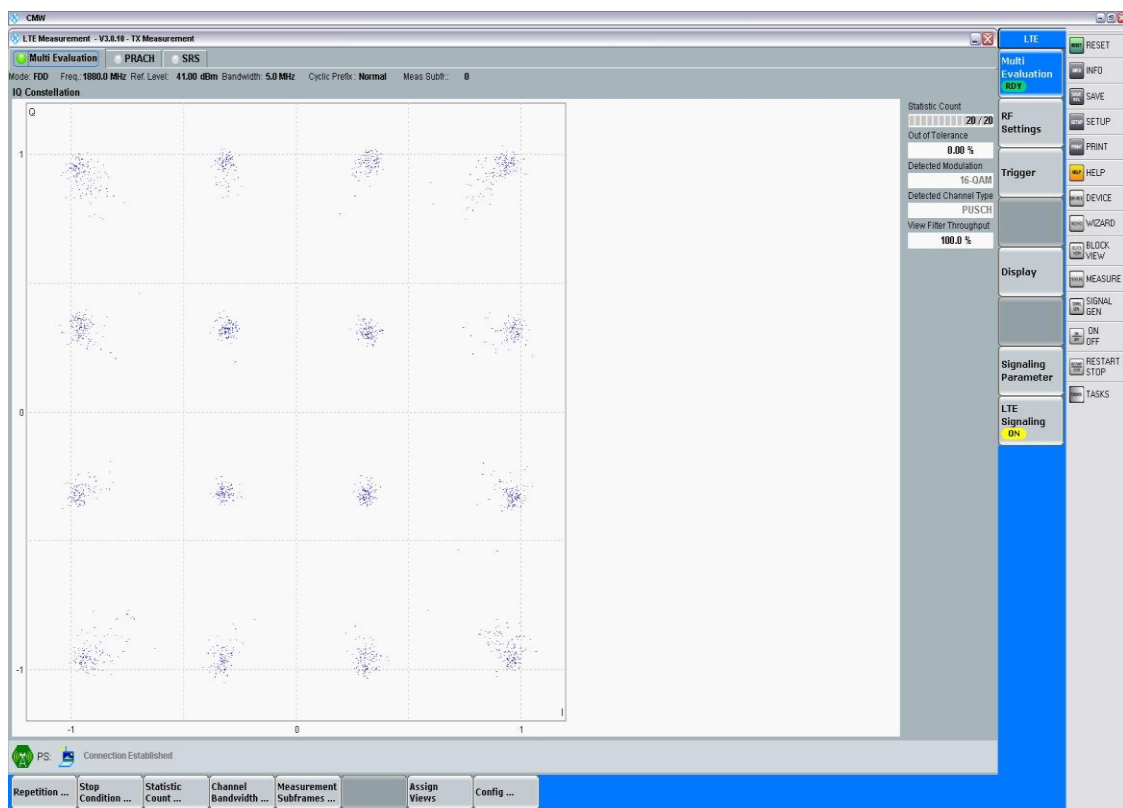
3.3.2.2.2.1.1 Test RB = RB15#0



3.3.2.2.3 Test Bandwidth = 5

3.3.2.2.3.1 Test Channel = MCH

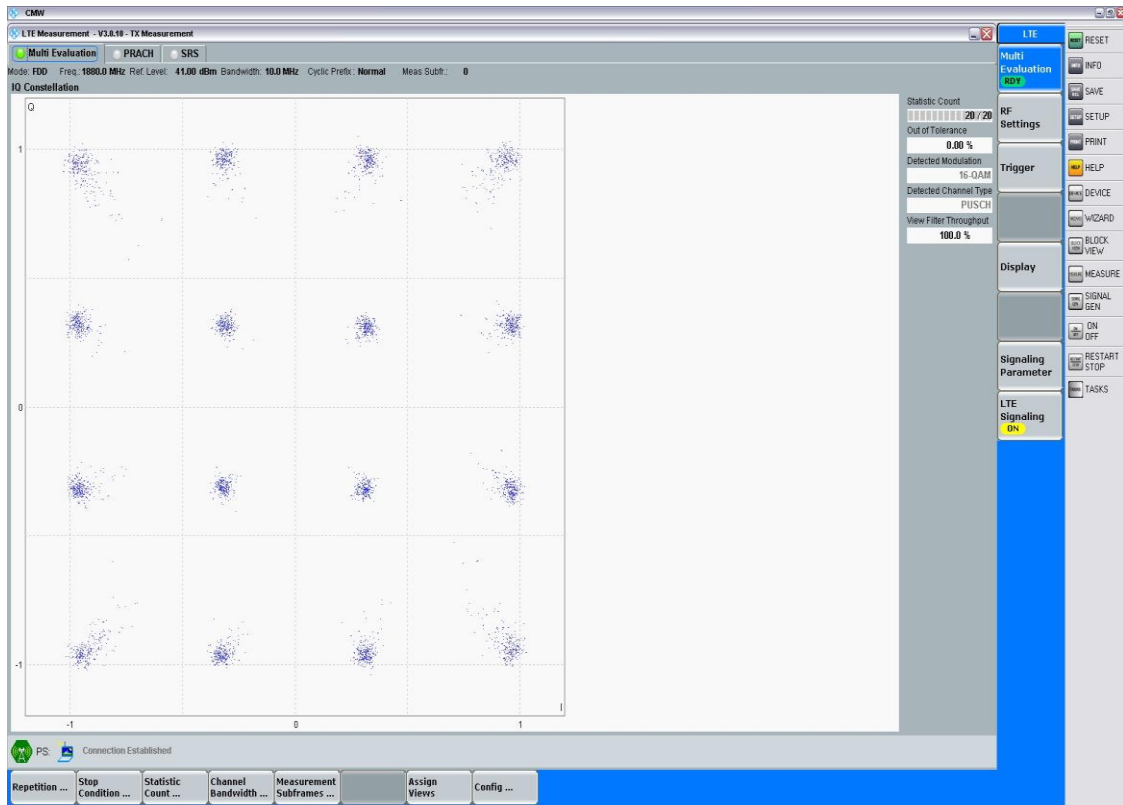
3.3.2.2.3.1.1 Test RB = RB25#0



3.3.2.2.4 Test Bandwidth = 10

3.3.2.2.4.1 Test Channel = MCH

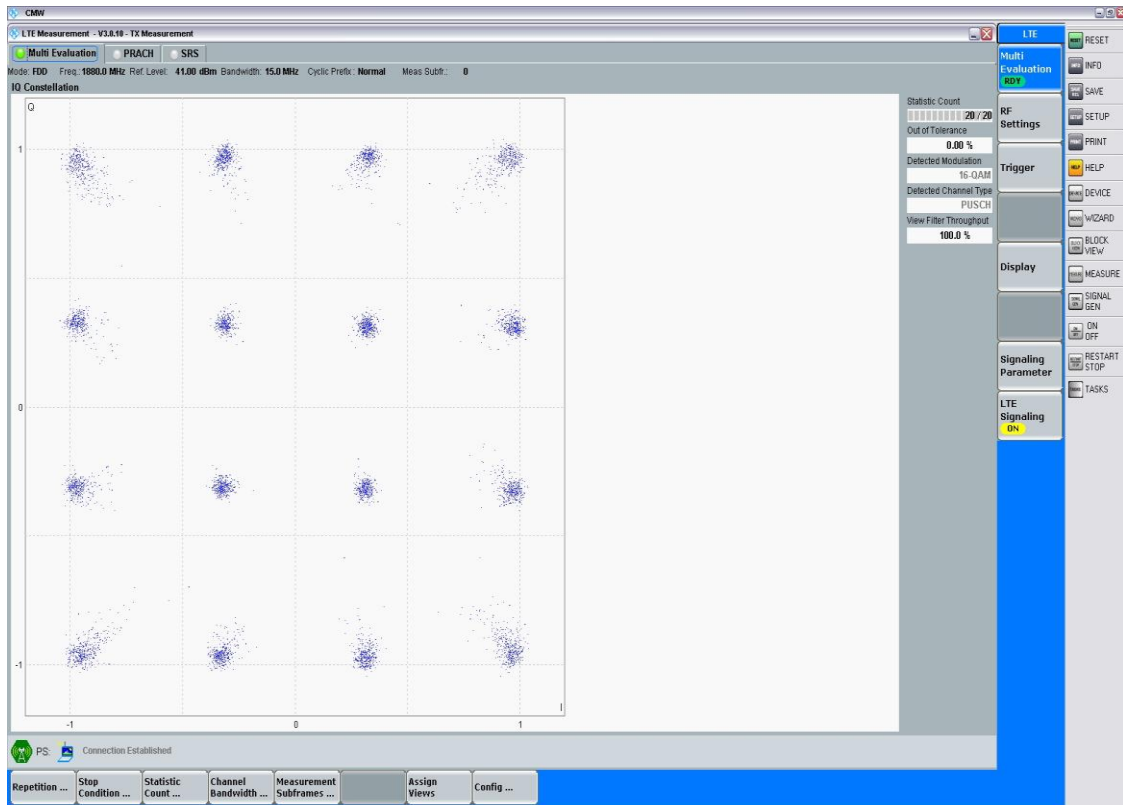
3.3.2.2.4.1.1 Test RB = RB50#0



3.3.2.2.5 Test Bandwidth = 15

3.3.2.2.5.1 Test Channel = MCH

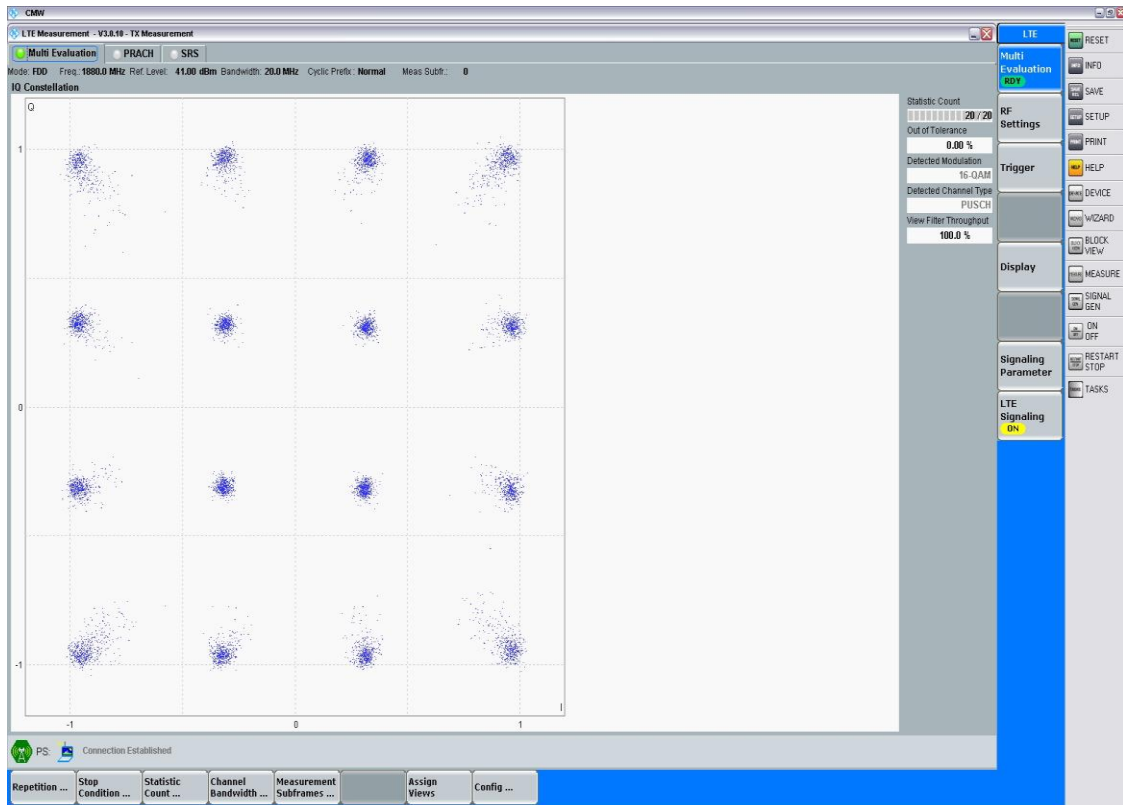
3.3.2.2.5.1.1 Test RB = RB75#0



3.3.2.2.6 Test Bandwidth = 20

3.3.2.2.6.1 Test Channel = MCH

3.3.2.2.6.1.1 Test RB = RB100#0



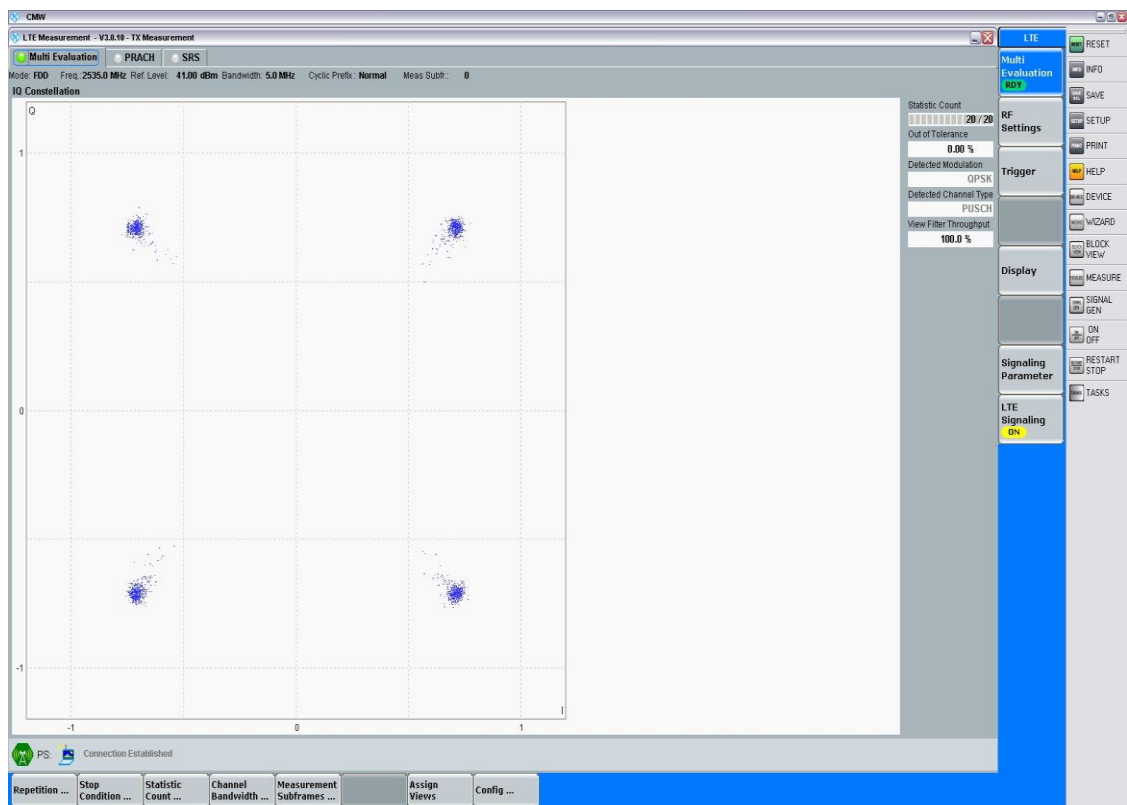
3.3.3 Test Band = BAND7

3.3.3.1 Test Mode = LTE/TM1

3.3.3.1.1 Test Bandwidth = 5

3.3.3.1.1.1 Test Channel = MCH

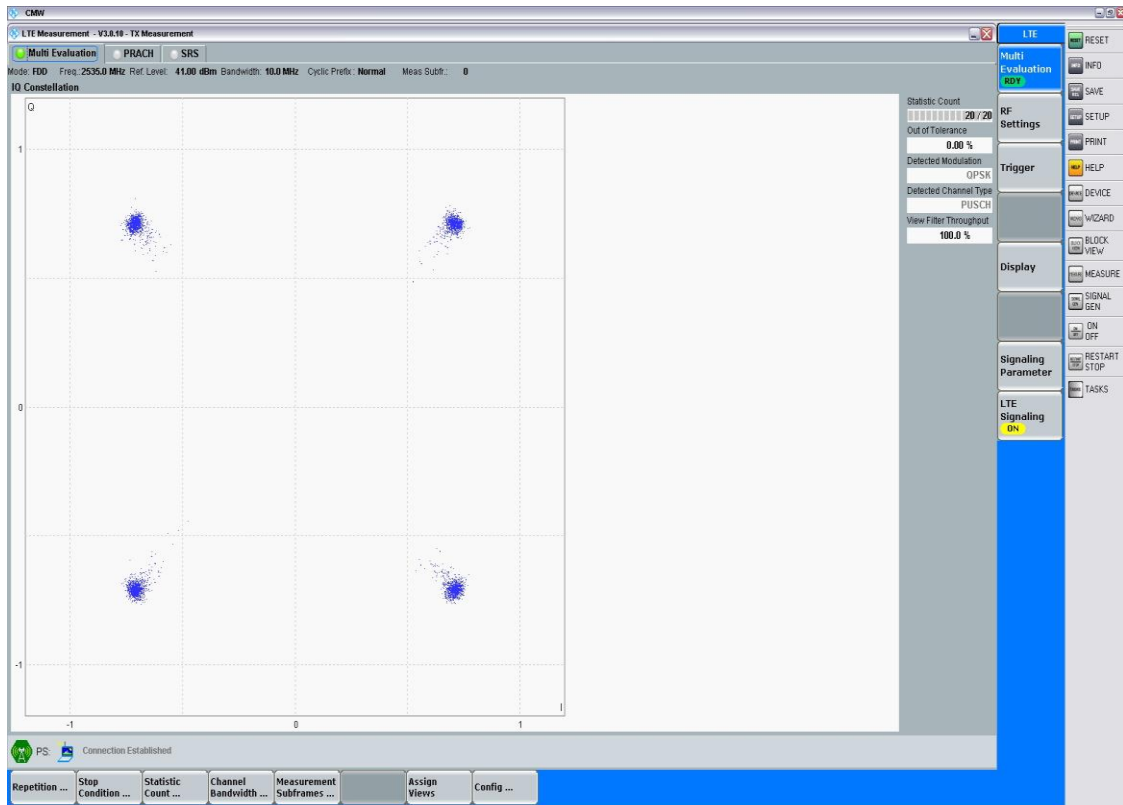
3.3.3.1.1.1.1 Test RB = RB25#0



3.3.3.1.2 Test Bandwidth = 10

3.3.3.1.2.1 Test Channel = MCH

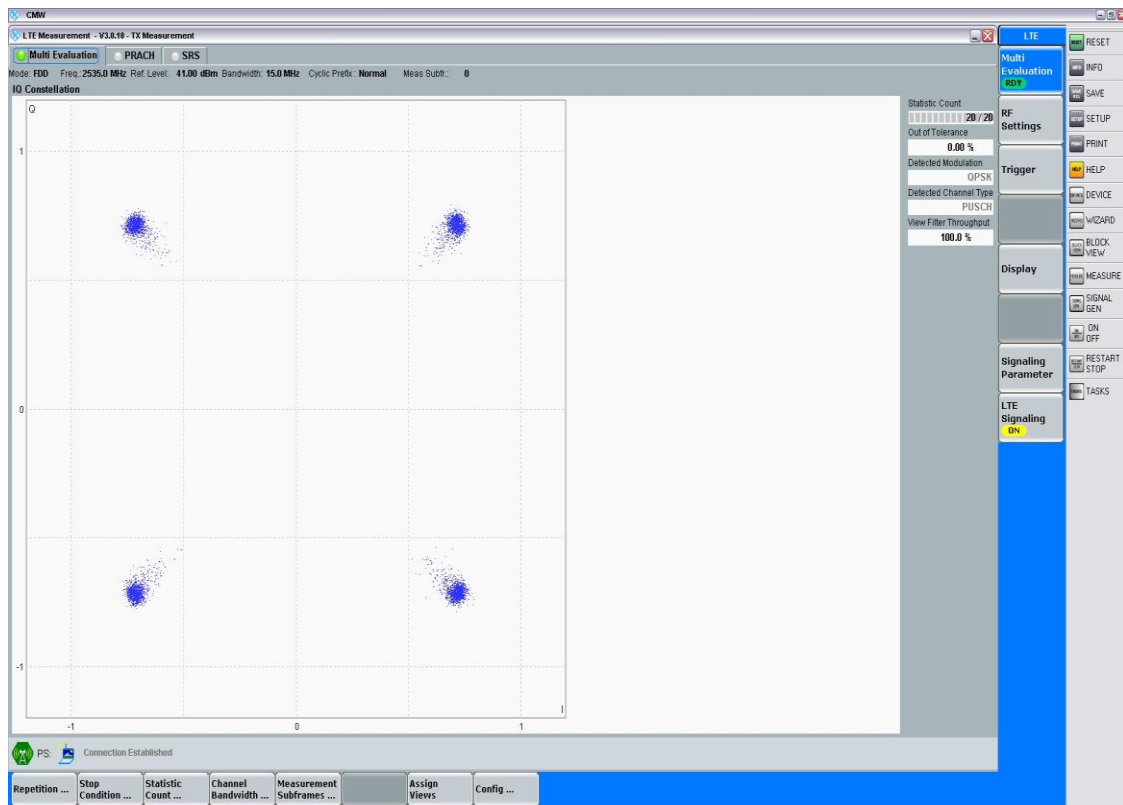
3.3.3.1.2.1.1 Test RB = RB50#0



3.3.3.1.3 Test Bandwidth = 15

3.3.3.1.3.1 Test Channel = MCH

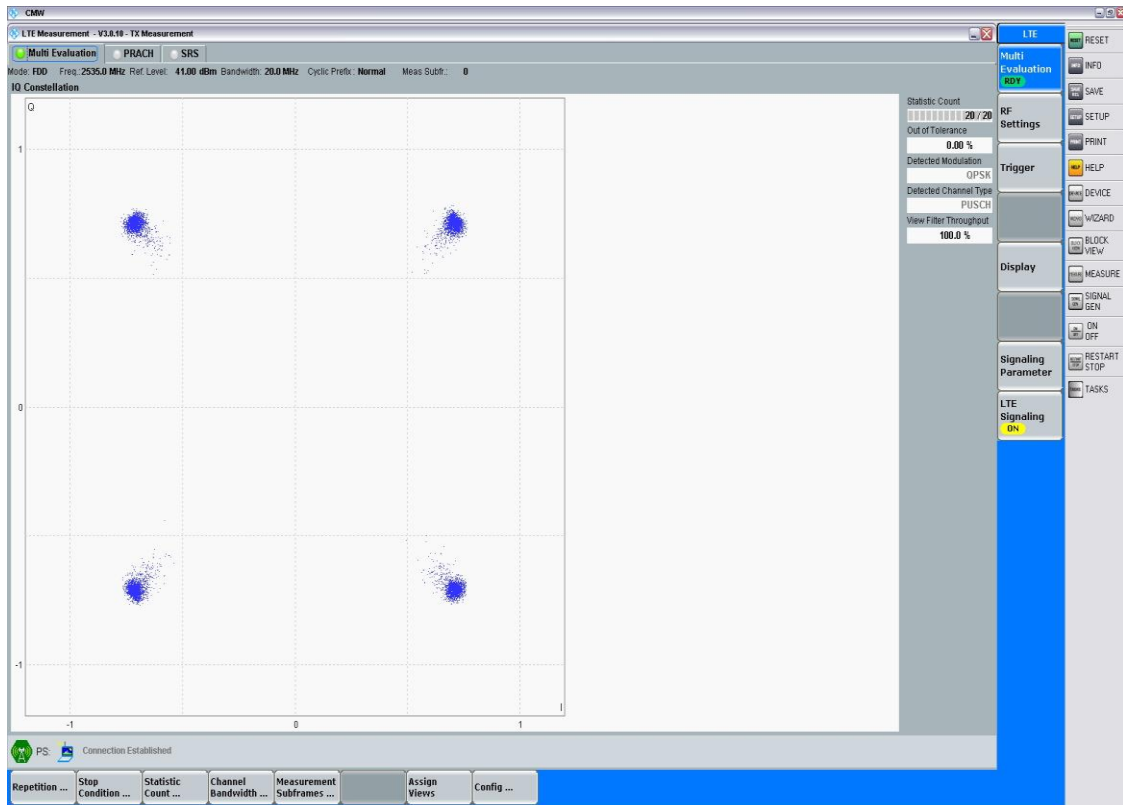
3.3.3.1.3.1.1 Test RB = RB75#0



3.3.3.1.4 Test Bandwidth = 20

3.3.3.1.4.1 Test Channel = MCH

3.3.3.1.4.1.1 Test RB = RB100#0

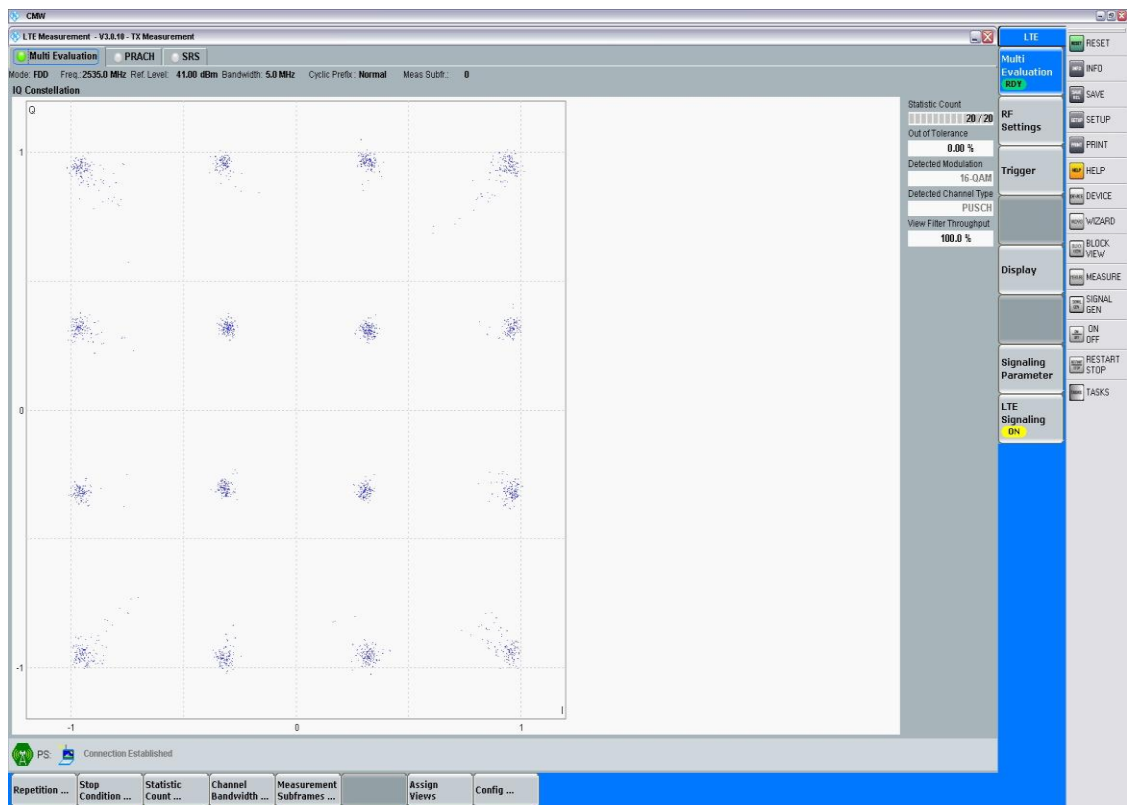


3.3.3.2 Test Mode = LTE/TM2

3.3.3.2.1 Test Bandwidth = 5

3.3.3.2.1.1 Test Channel = MCH

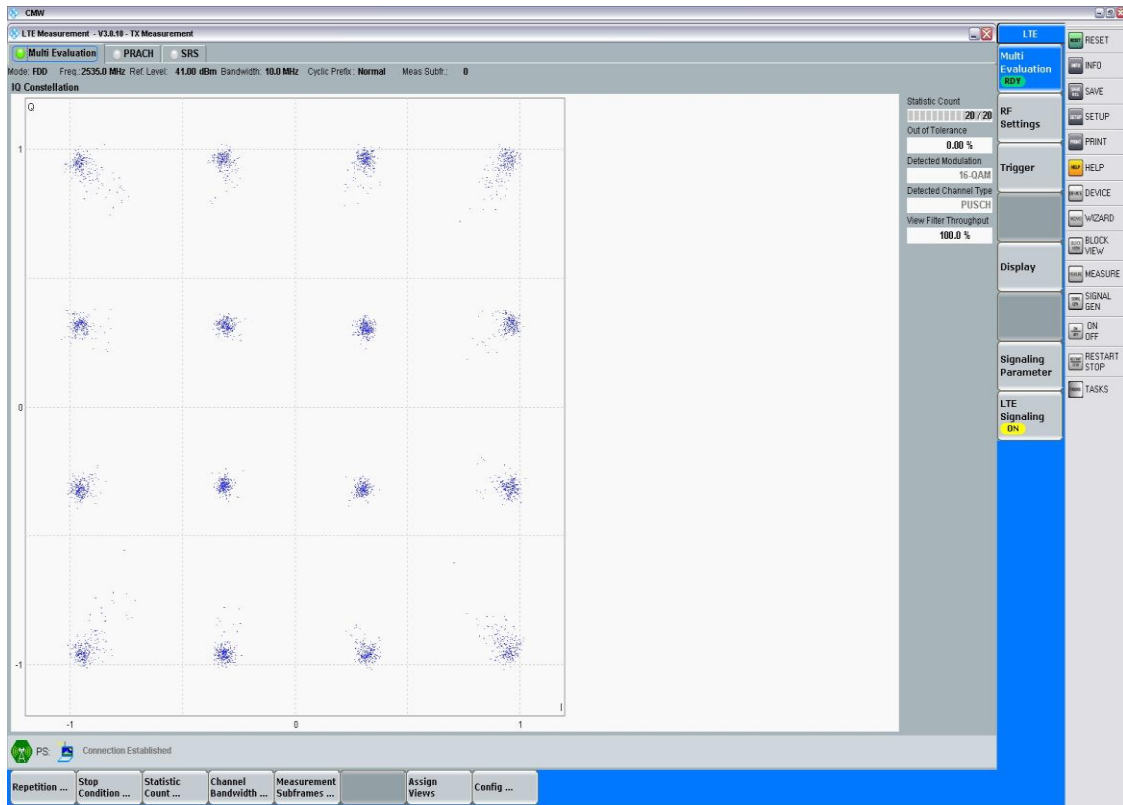
3.3.3.2.1.1.1 Test RB = RB25#0



3.3.3.2.2 Test Bandwidth = 10

3.3.3.2.2.1 Test Channel = MCH

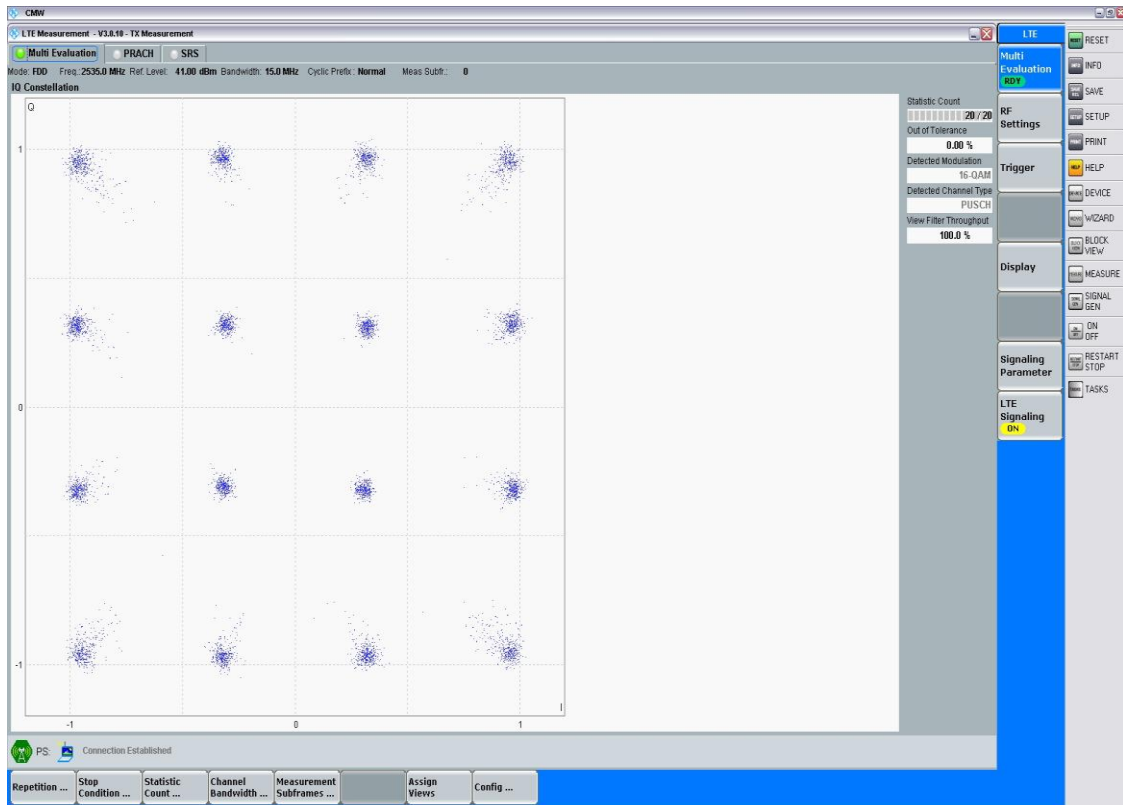
3.3.3.2.2.1.1 Test RB = RB50#0



3.3.3.2.3 Test Bandwidth = 15

3.3.3.2.3.1 Test Channel = MCH

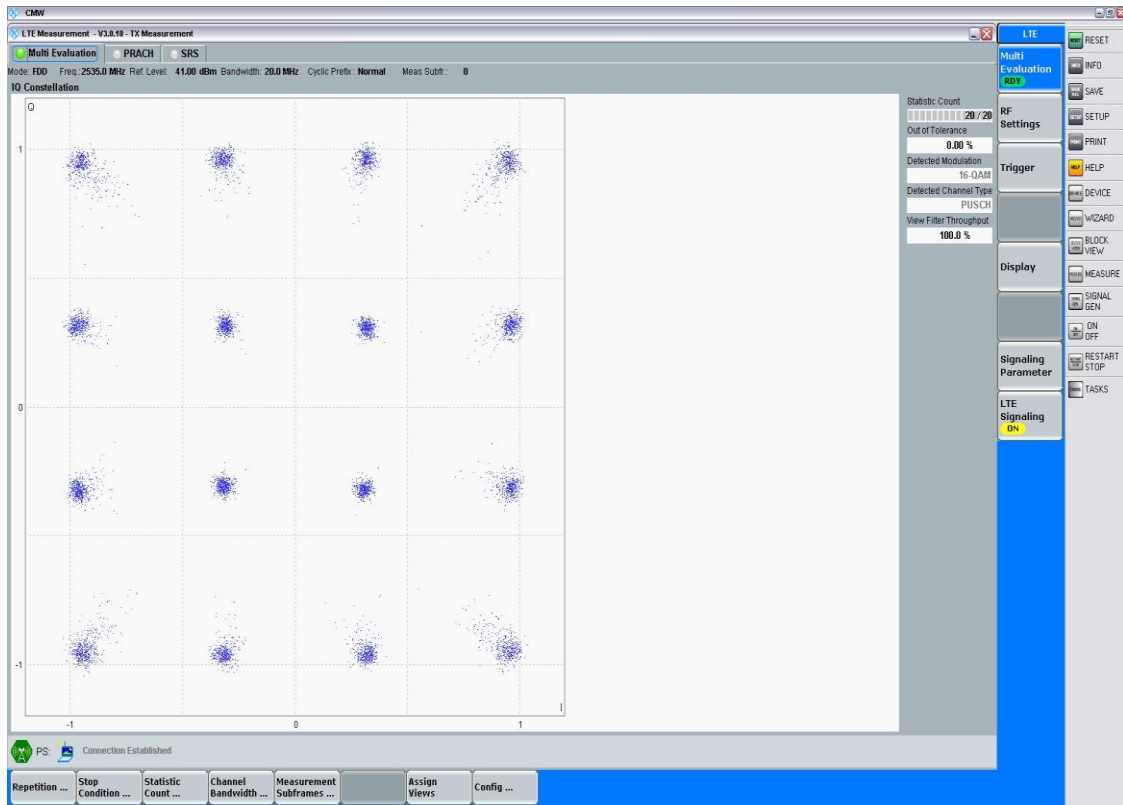
3.3.3.2.3.1.1 Test RB = RB75#0



3.3.3.2.4 Test Bandwidth = 20

3.3.3.2.4.1 Test Channel = MCH

3.3.3.2.4.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	247.17	310.08	Pass
		MCH	245.74	320.67	Pass
		HCH	247.16	317.00	Pass
	GSM/TM2	LCH	249.71	314.66	Pass
		MCH	243.28	312.21	Pass
		HCH	242.19	301.45	Pass
GSM1900	GSM/TM1	LCH	248.01	322.90	Pass
		MCH	248.81	317.54	Pass
		HCH	247.10	322.22	Pass
	GSM/TM2	LCH	244.12	299.75	Pass
		MCH	243.38	303.70	Pass
		HCH	244.65	312.88	Pass
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM 1	LCH	4.15	4.72	Pass
		MCH	4.14	4.74	Pass
		HCH	4.15	4.73	Pass
WCDMA1900	UMTS/TM 1	LCH	4.16	4.74	Pass
		MCH	4.15	4.72	Pass
		HCH	4.14	4.72	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND5	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	2.71	2.94	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.71	2.95	Pass
		5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.49	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.97	9.62	Pass
			MCH	RB50#0	8.97	9.64	Pass
			HCH	RB50#0	8.98	9.61	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.71	2.92	Pass
		5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.97	9.61	Pass
			MCH	RB50#0	8.97	9.58	Pass
			HCH	RB50#0	8.98	9.64	Pass
BAND2	LTE/TM1	1.4	LCH	RB6#0	1.09	1.25	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.96	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.89	Pass
			MCH	RB25#0	4.51	4.91	Pass
			HCH	RB25#0	4.51	4.91	Pass
		10	LCH	RB50#0	8.99	9.66	Pass
			MCH	RB50#0	8.98	9.67	Pass
			HCH	RB50#0	8.97	9.61	Pass
		15	LCH	RB75#0	13.51	14.64	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB75#0	13.48	14.70	Pass
			HCH	RB75#0	13.47	14.54	Pass
		20	LCH	RB100#0	17.98	19.17	Pass
			MCH	RB100#0	17.97	19.12	Pass
			HCH	RB100#0	17.96	19.21	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.27	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.26	Pass
		3	LCH	RB15#0	2.72	3.05	Pass
			MCH	RB15#0	2.71	2.96	Pass
			HCH	RB15#0	2.72	2.99	Pass
		5	LCH	RB25#0	4.51	4.92	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.51	4.92	Pass
		10	LCH	RB50#0	8.99	9.80	Pass
			MCH	RB50#0	8.97	9.68	Pass
			HCH	RB50#0	8.99	9.66	Pass
		15	LCH	RB75#0	13.51	14.66	Pass
			MCH	RB75#0	13.49	14.61	Pass
			HCH	RB75#0	13.49	14.64	Pass
		20	LCH	RB100#0	17.99	19.21	Pass
			MCH	RB100#0	17.97	19.25	Pass
			HCH	RB100#0	17.97	19.23	Pass
BAND7	LTE/TM1	5	LCH	RB25#0	4.50	4.90	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.88	Pass
		10	LCH	RB50#0	8.97	9.67	Pass
			MCH	RB50#0	8.97	9.61	Pass
			HCH	RB50#0	8.97	9.63	Pass
		15	LCH	RB75#0	13.49	14.66	Pass
			MCH	RB75#0	13.47	14.39	Pass
			HCH	RB75#0	13.50	14.61	Pass
		20	LCH	RB100#0	17.96	19.31	Pass
			MCH	RB100#0	17.95	19.15	Pass
			HCH	RB100#0	17.99	19.22	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.95	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.92	Pass
		10	LCH	RB50#0	8.98	9.71	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB50#0	8.97	9.64	Pass
			HCH	RB50#0	8.97	9.67	Pass
		15	LCH	RB75#0	13.49	14.70	Pass
			MCH	RB75#0	13.49	14.54	Pass
			HCH	RB75#0	13.51	14.67	Pass
		20	LCH	RB100#0	17.96	19.37	Pass
			MCH	RB100#0	17.96	19.29	Pass
			HCH	RB100#0	17.99	19.32	Pass

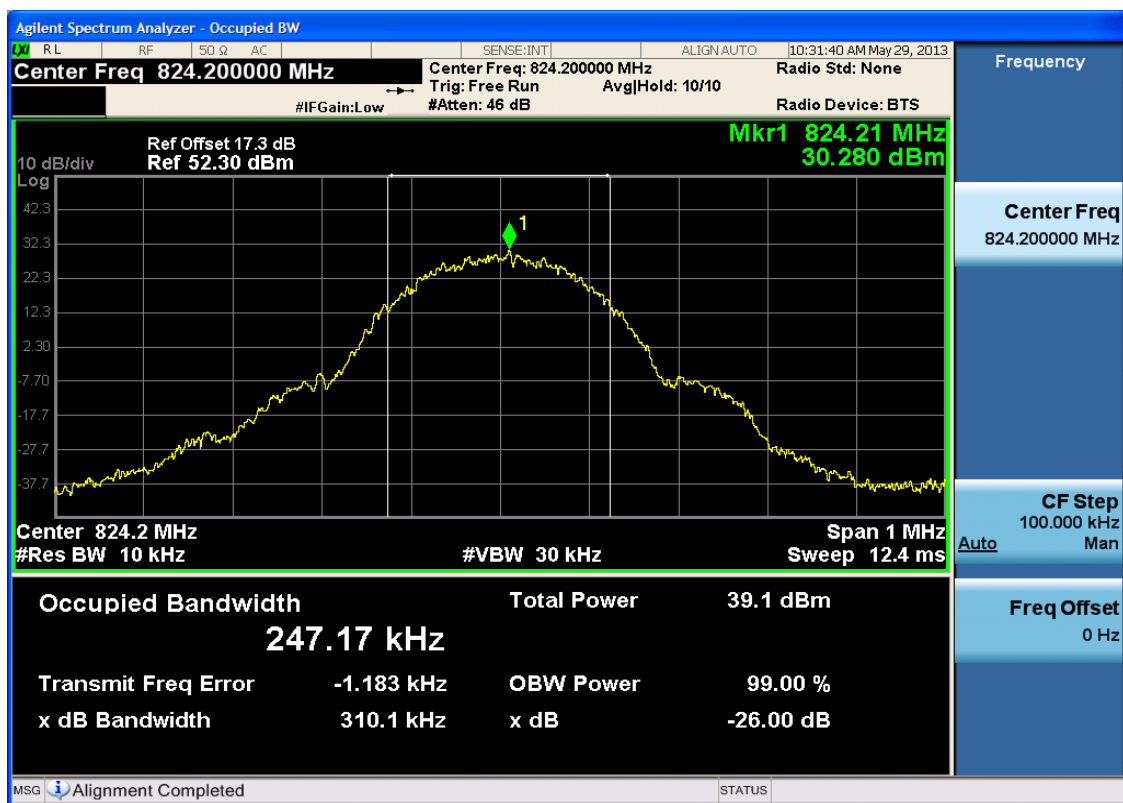
Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

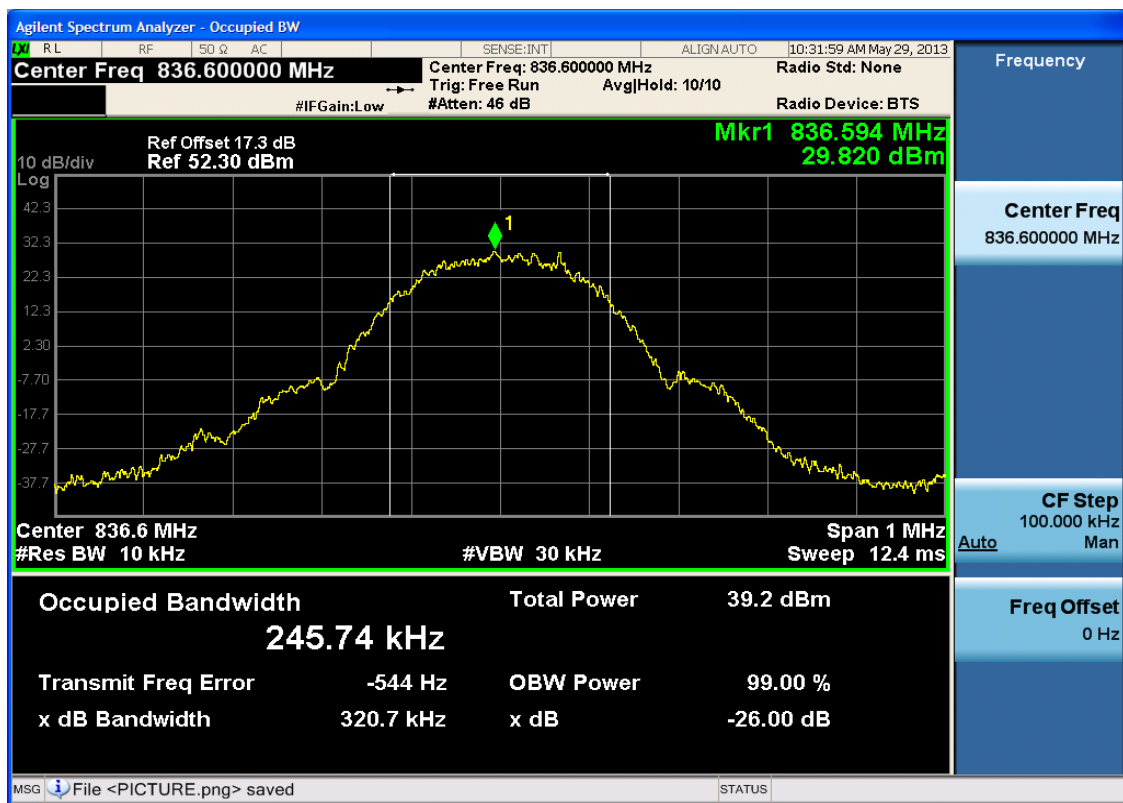
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH

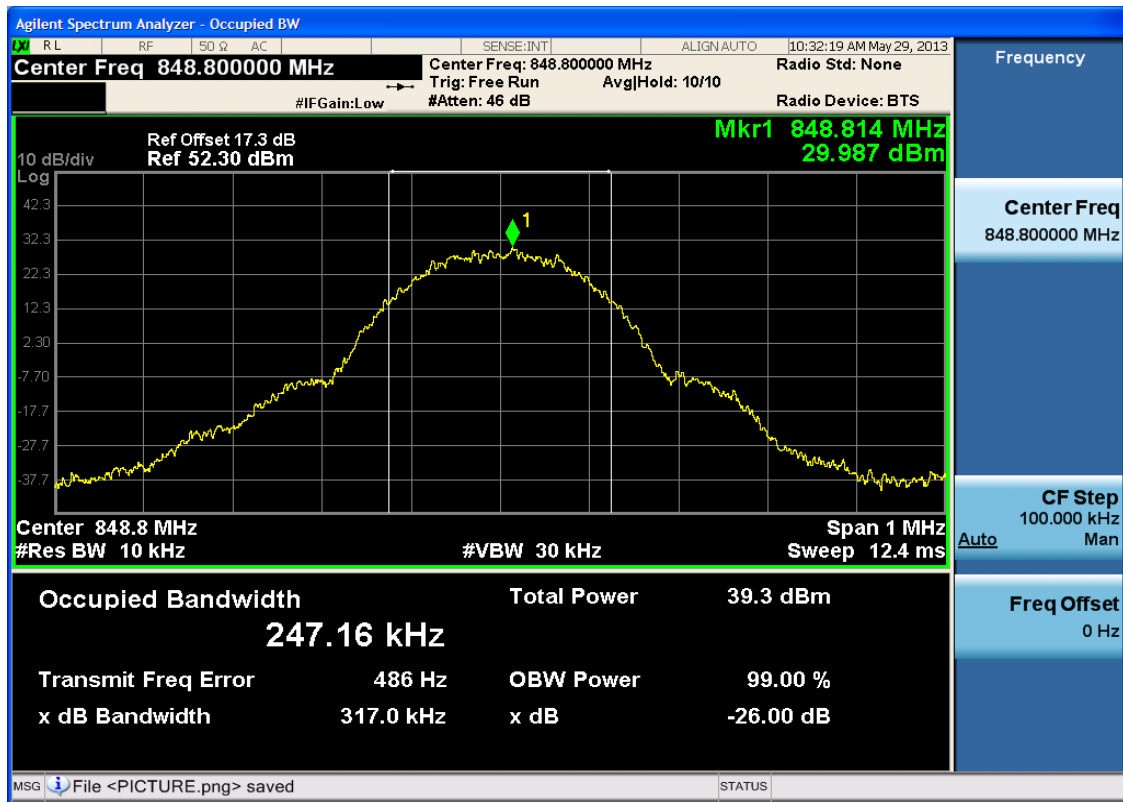




4.1.1.1.2 Test Channel = MCH



4.1.1.1.3 Test Channel = HCH



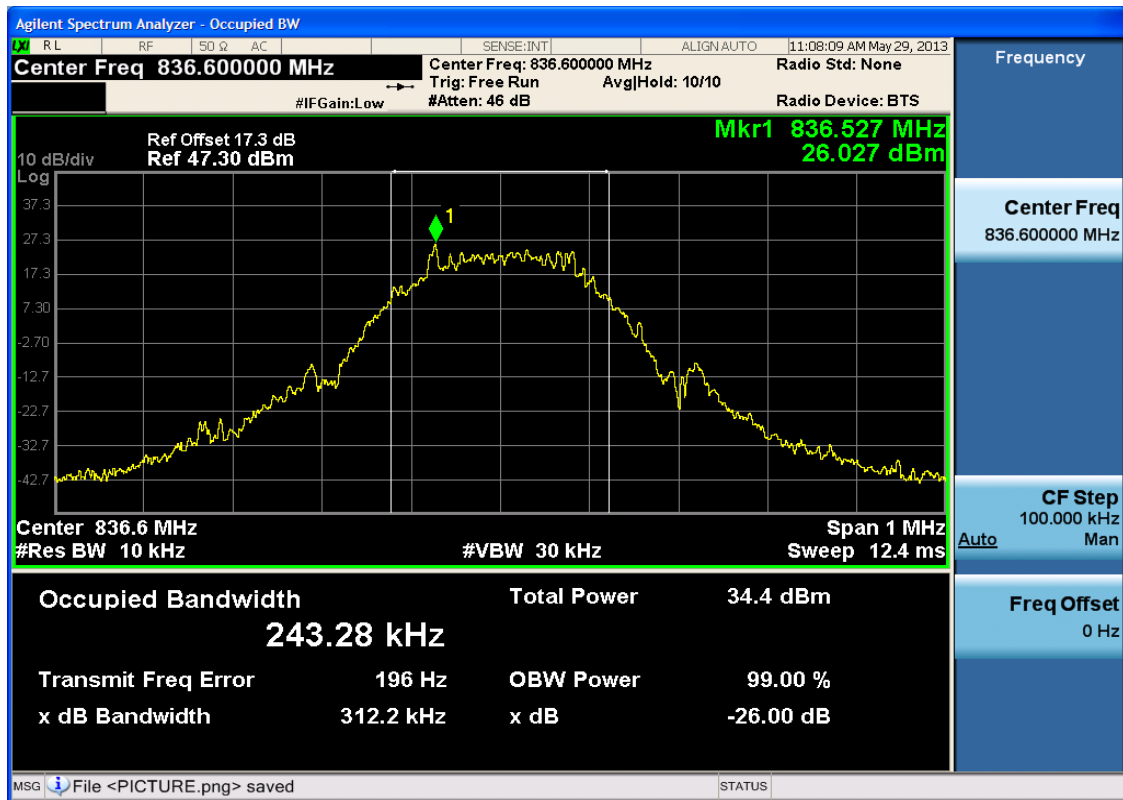
4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH

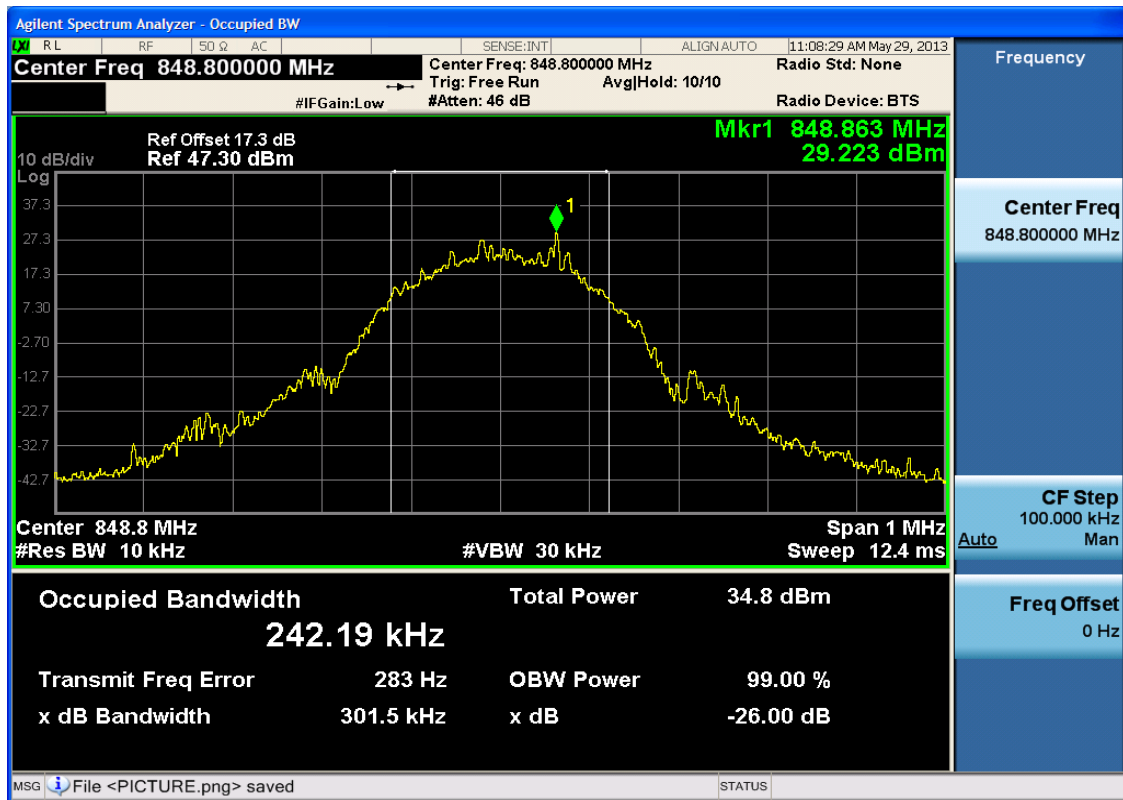




4.1.1.2.2 Test Channel = MCH



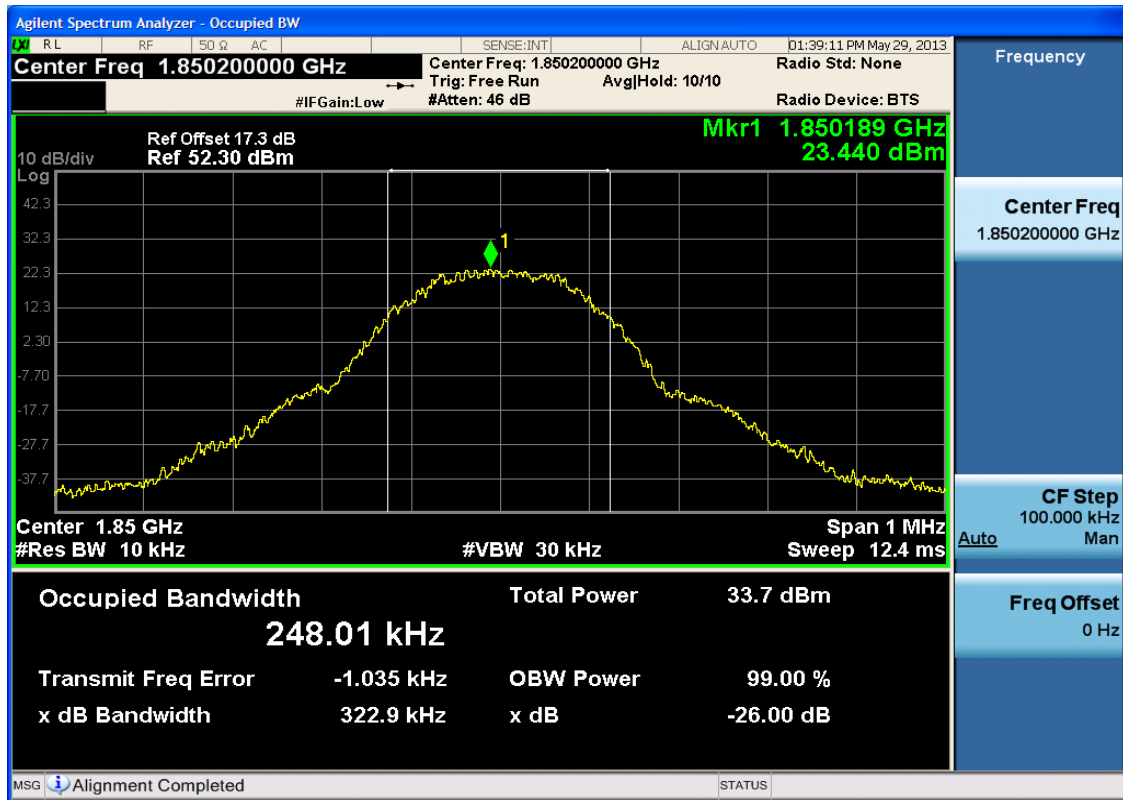
4.1.1.2.3 Test Channel = HCH



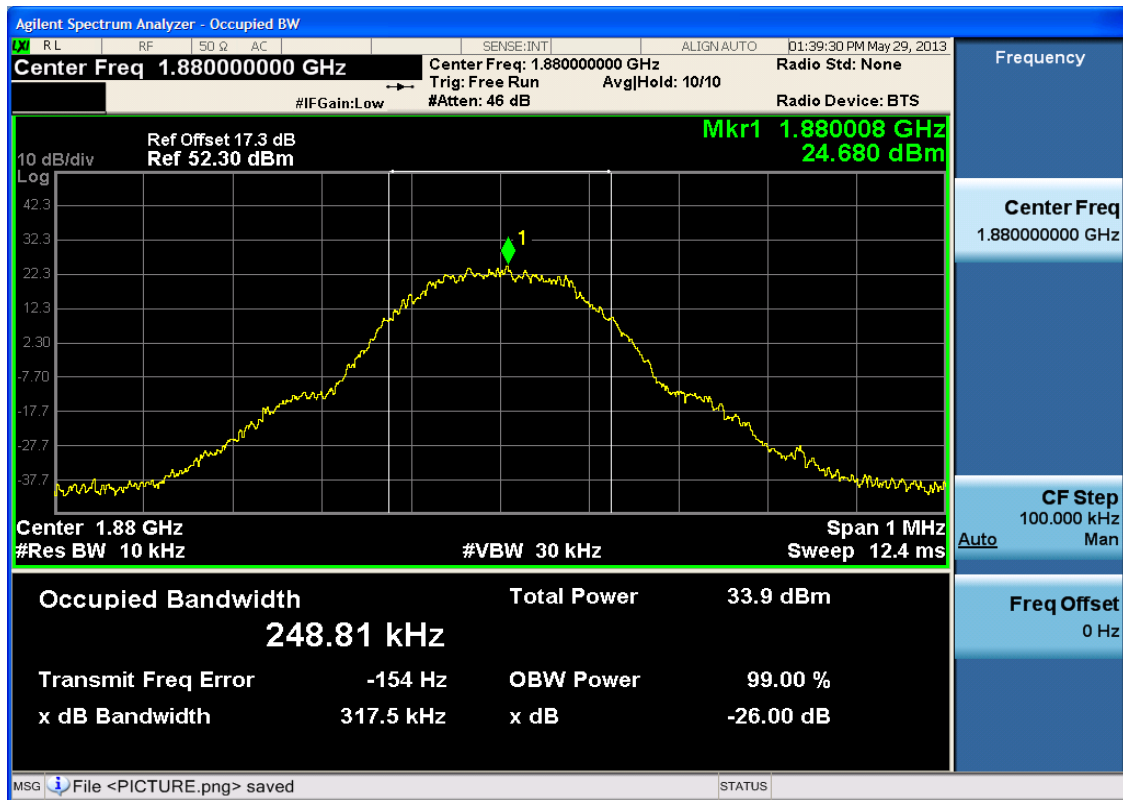
4.1.2 Test Band = GSM1900

4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH

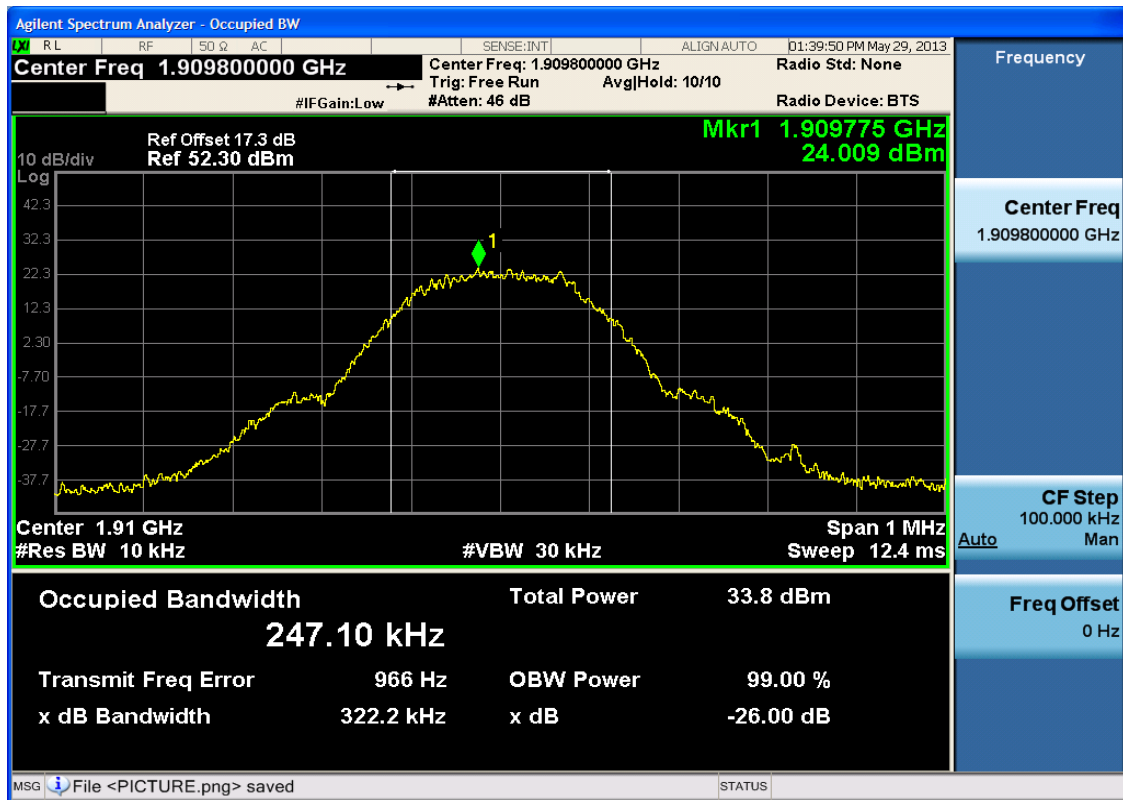


4.1.2.1.2 Test Channel = MCH





4.1.2.1.3 Test Channel = HCH

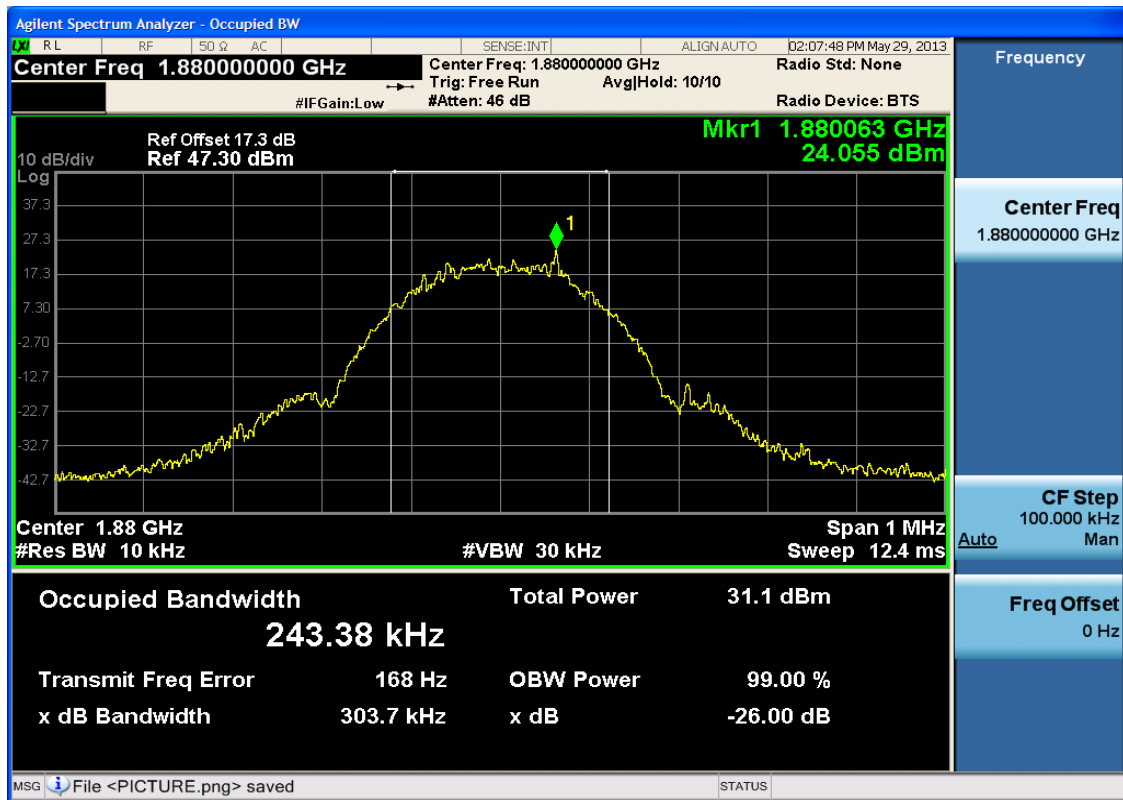


4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH

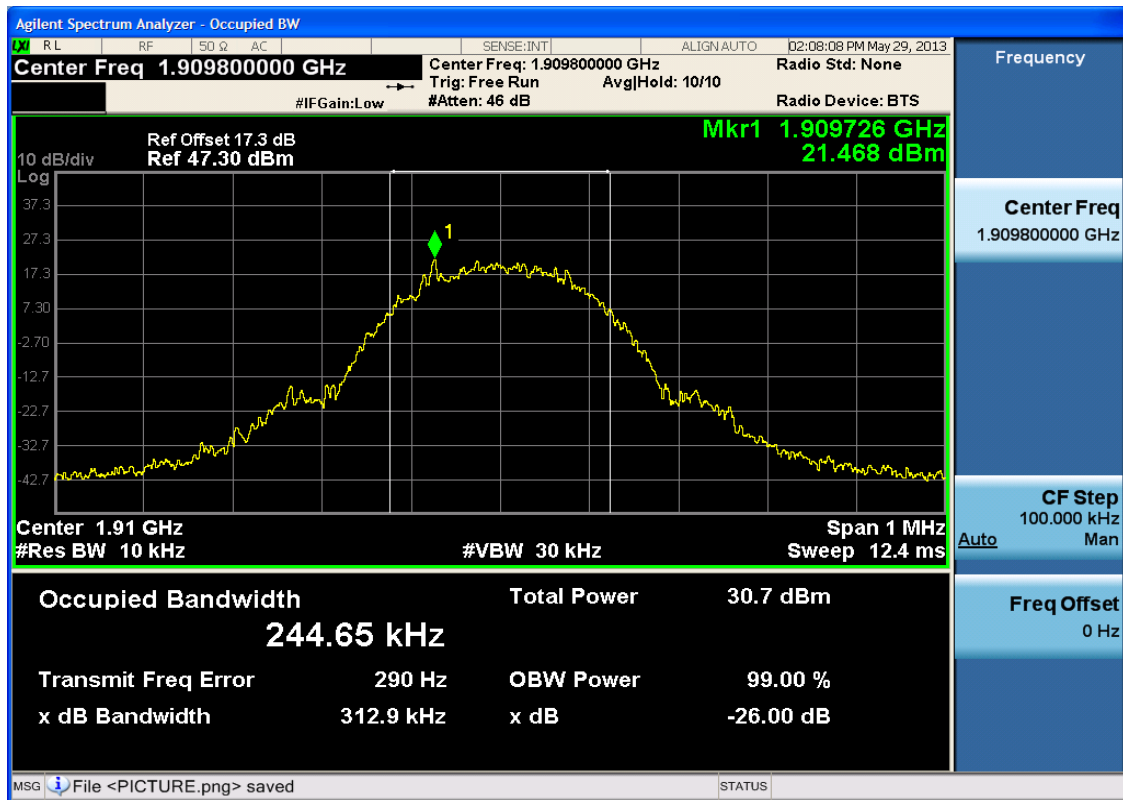


4.1.2.2.2 Test Channel = MCH





4.1.2.2.3 Test Channel = HCH

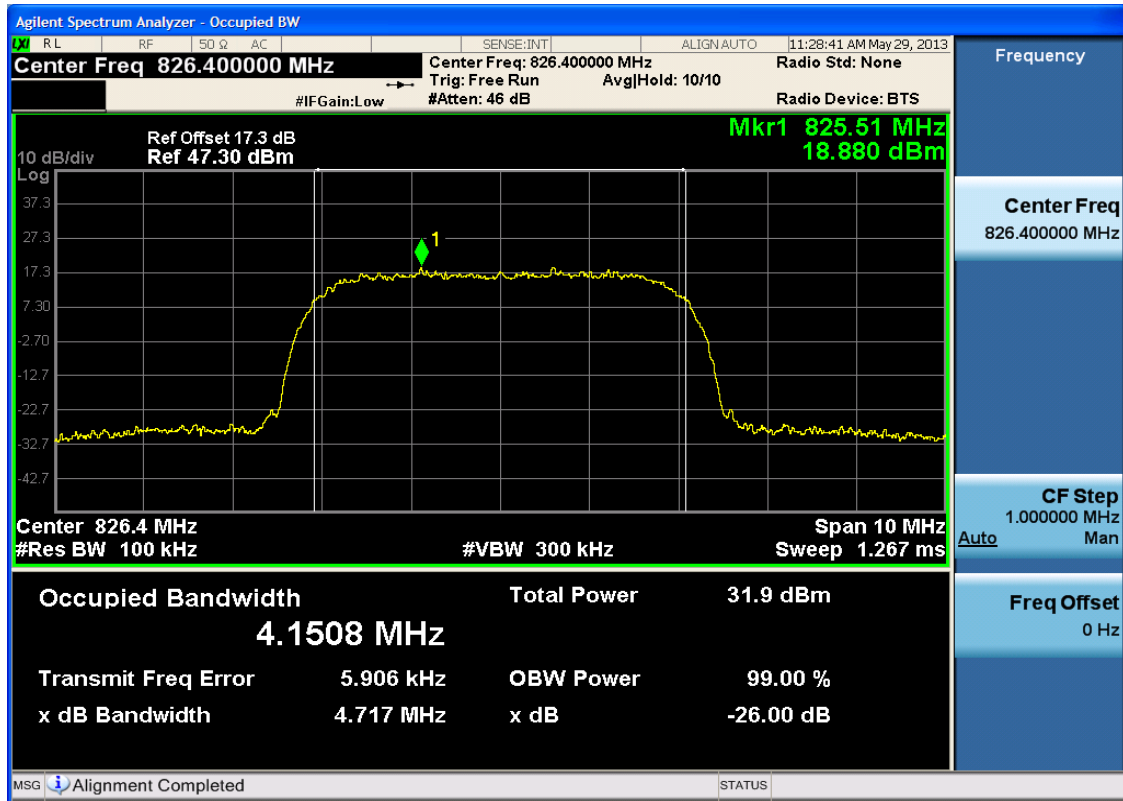


4.2 For UMTS

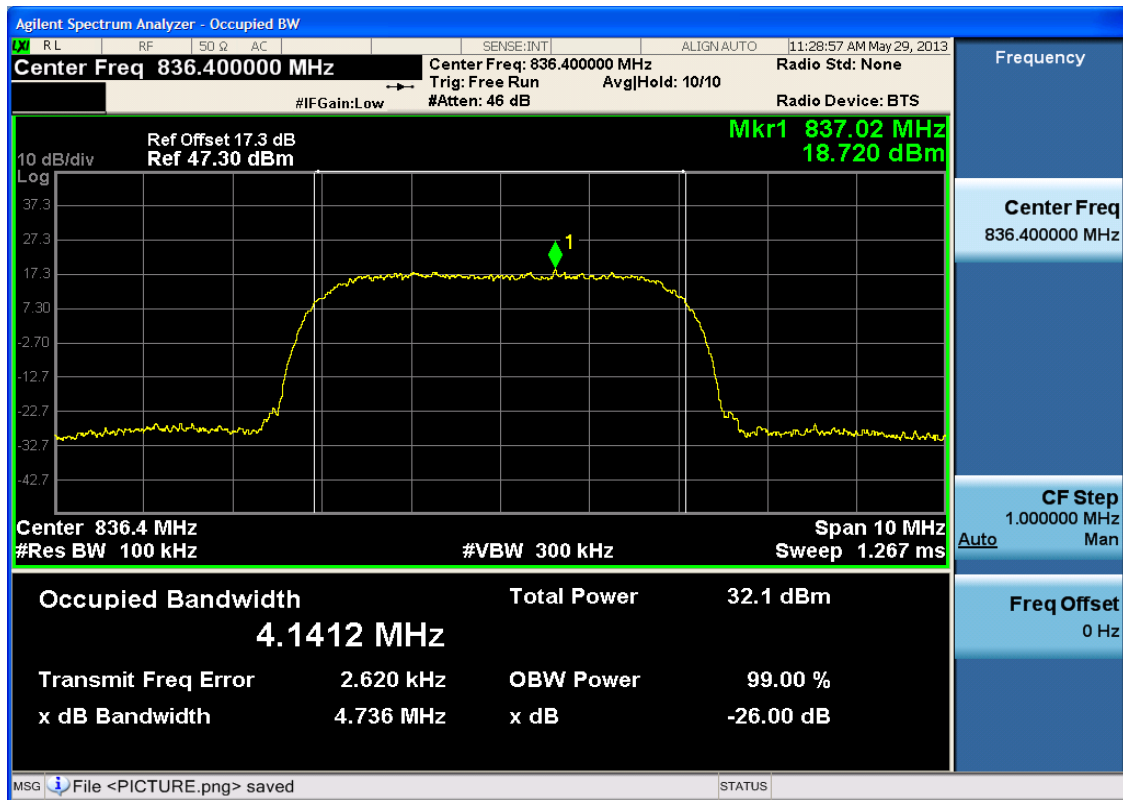
4.2.1 Test Band = WCDMA850

4.2.1.1 Test Mode = UMTS/TM1

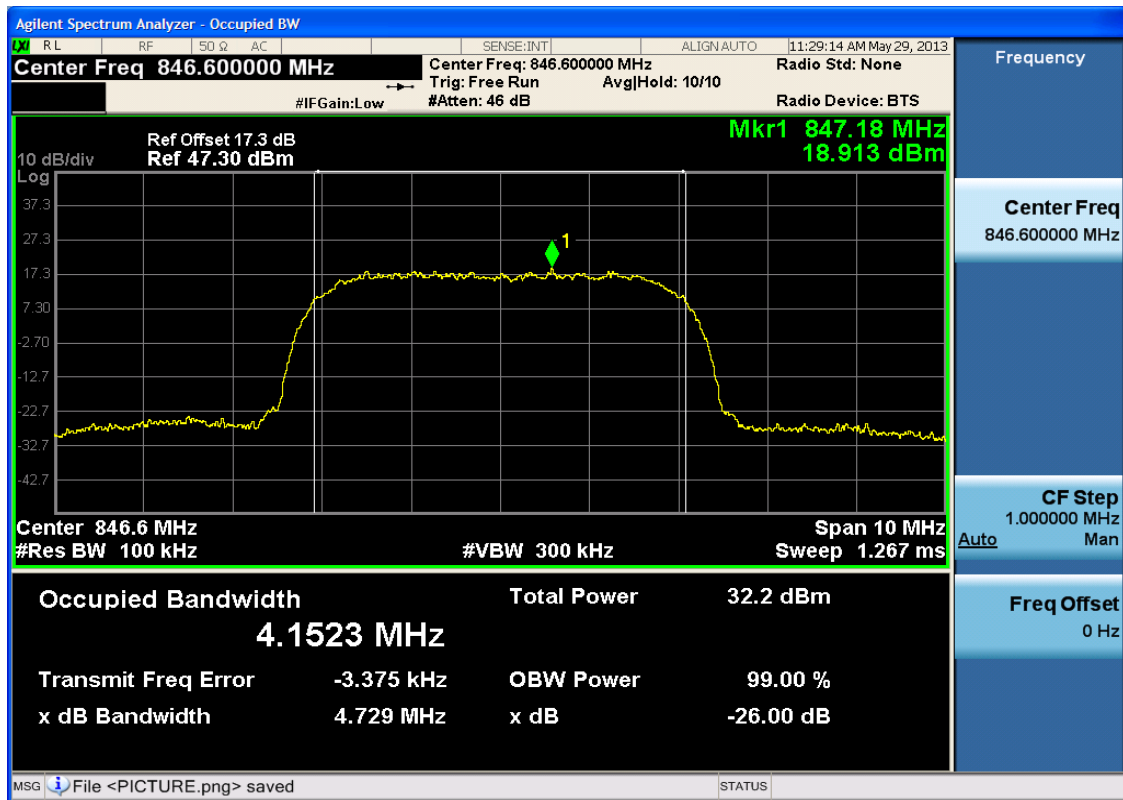
4.2.1.1.1 Test Channel = LCH



4.2.1.1.2 Test Channel = MCH



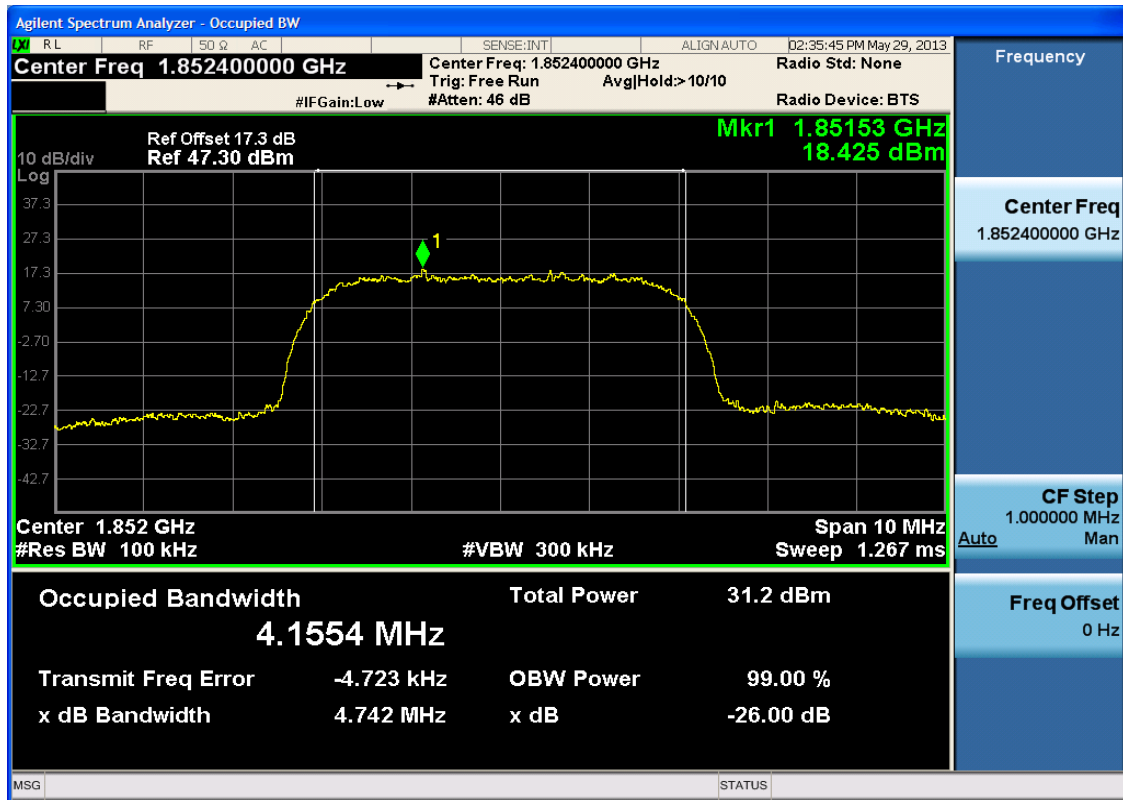
4.2.1.1.3 Test Channel = HCH



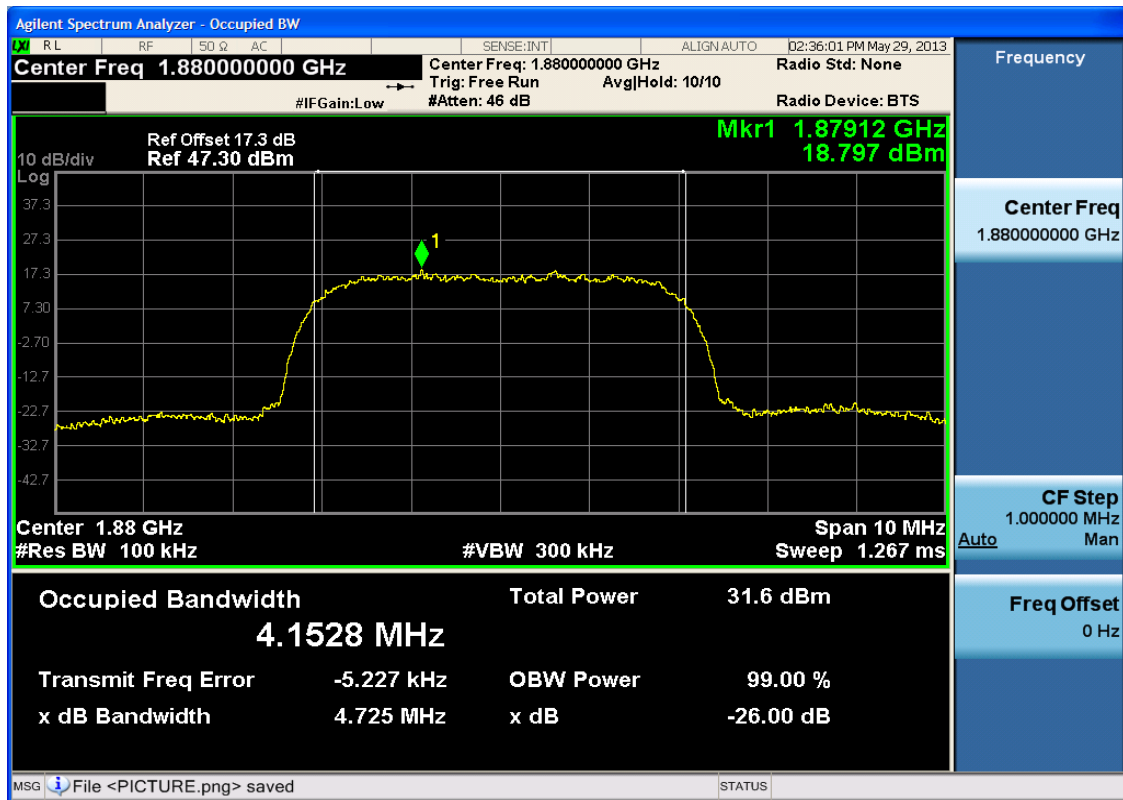
4.2.2 Test Band = WCDMA1900

4.2.2.1 Test Mode = UMTS/TM1

4.2.2.1.1 Test Channel = LCH

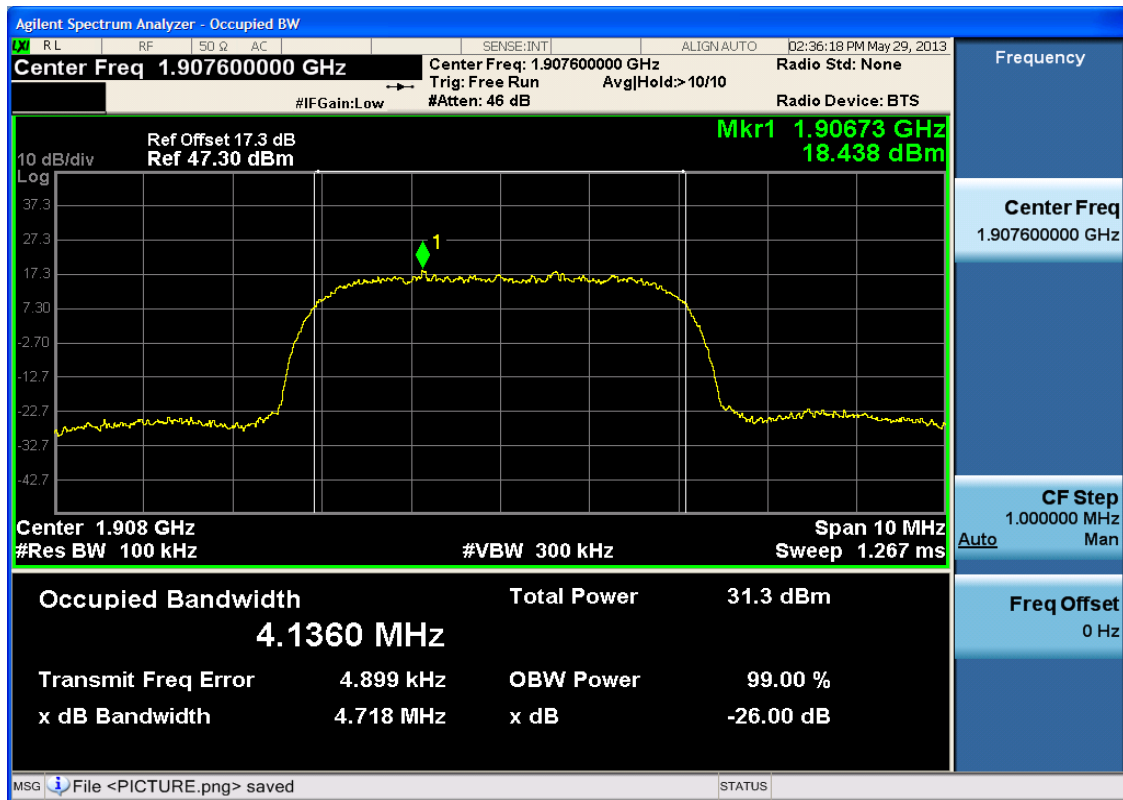


4.2.2.1.2 Test Channel = MCH





4.2.2.1.3 Test Channel = HCH



4.3 For LTE

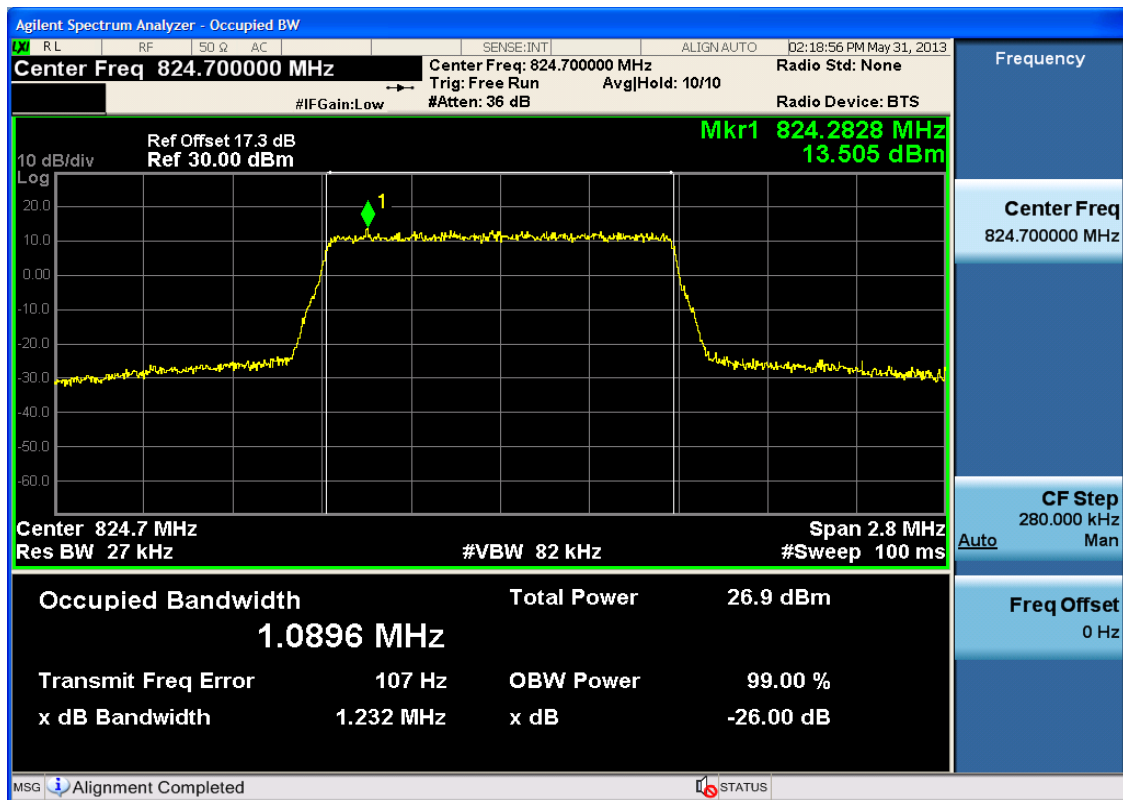
4.3.1 Test Band = BAND5

4.3.1.1 Test Mode = LTE/TM1

4.3.1.1.1 Test Bandwidth = 1.4

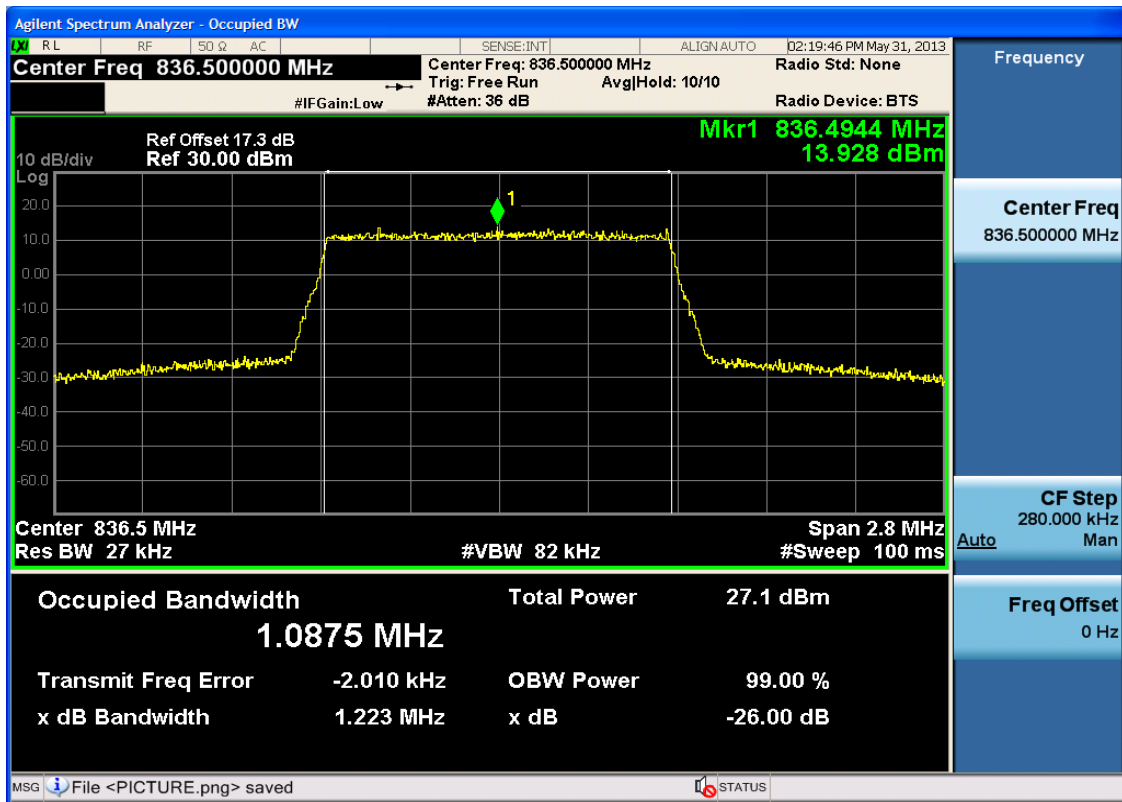
4.3.1.1.1.1 Test Channel = LCH

4.3.1.1.1.1.1 Test RB = RB6#0



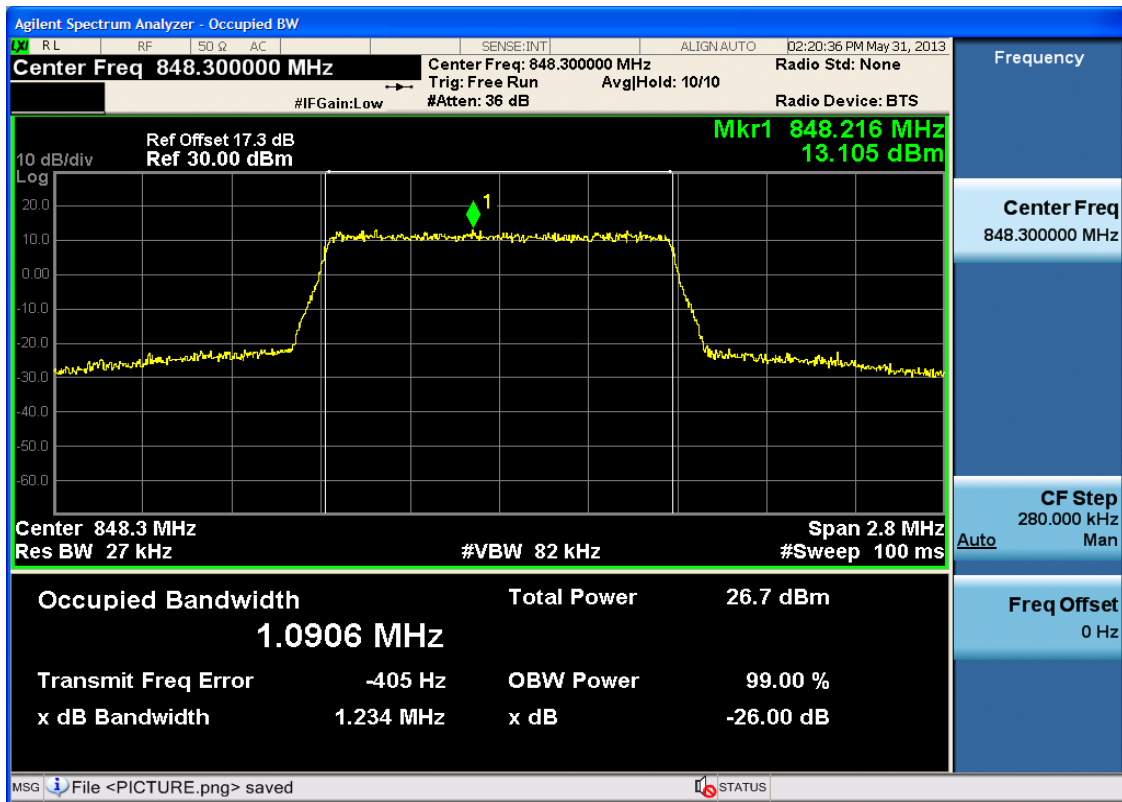
4.3.1.1.1.2 Test Channel = MCH

4.3.1.1.1.2.1 Test RB = RB6#0



4.3.1.1.1.3 Test Channel = HCH

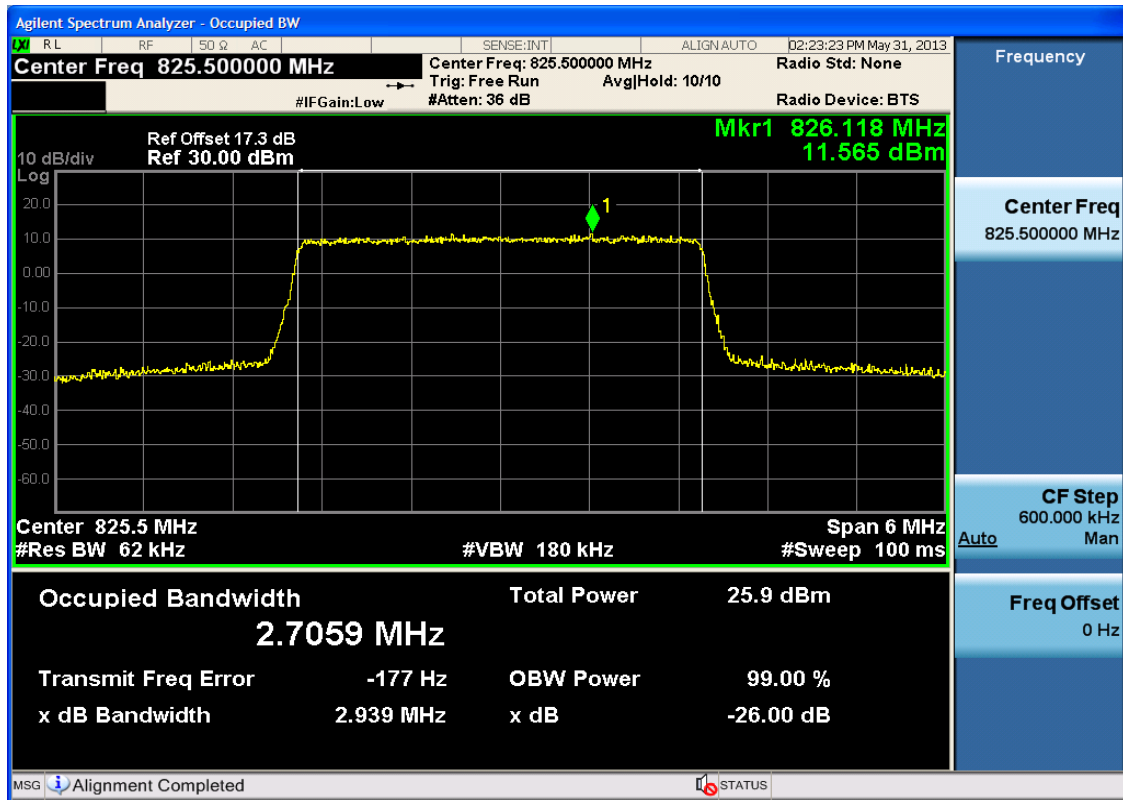
4.3.1.1.1.3.1 Test RB = RB6#0



4.3.1.1.2 Test Bandwidth = 3

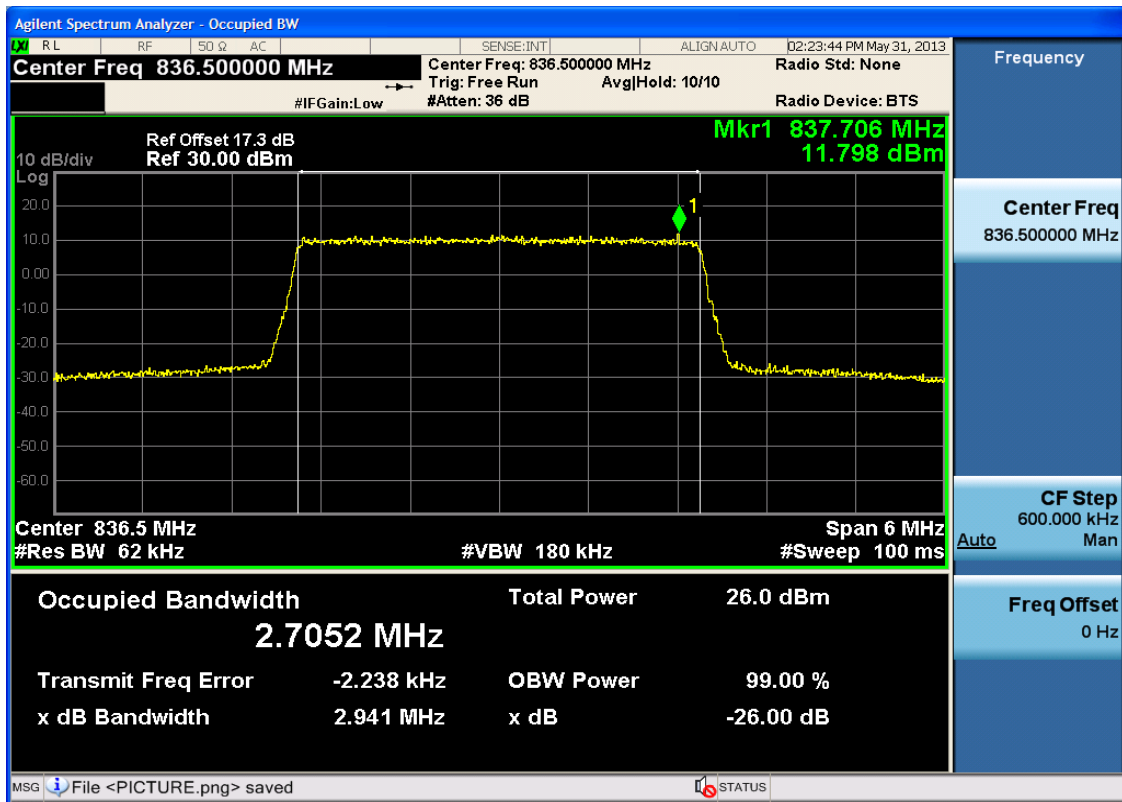
4.3.1.1.2.1 Test Channel = LCH

4.3.1.1.2.1.1 Test RB = RB15#0



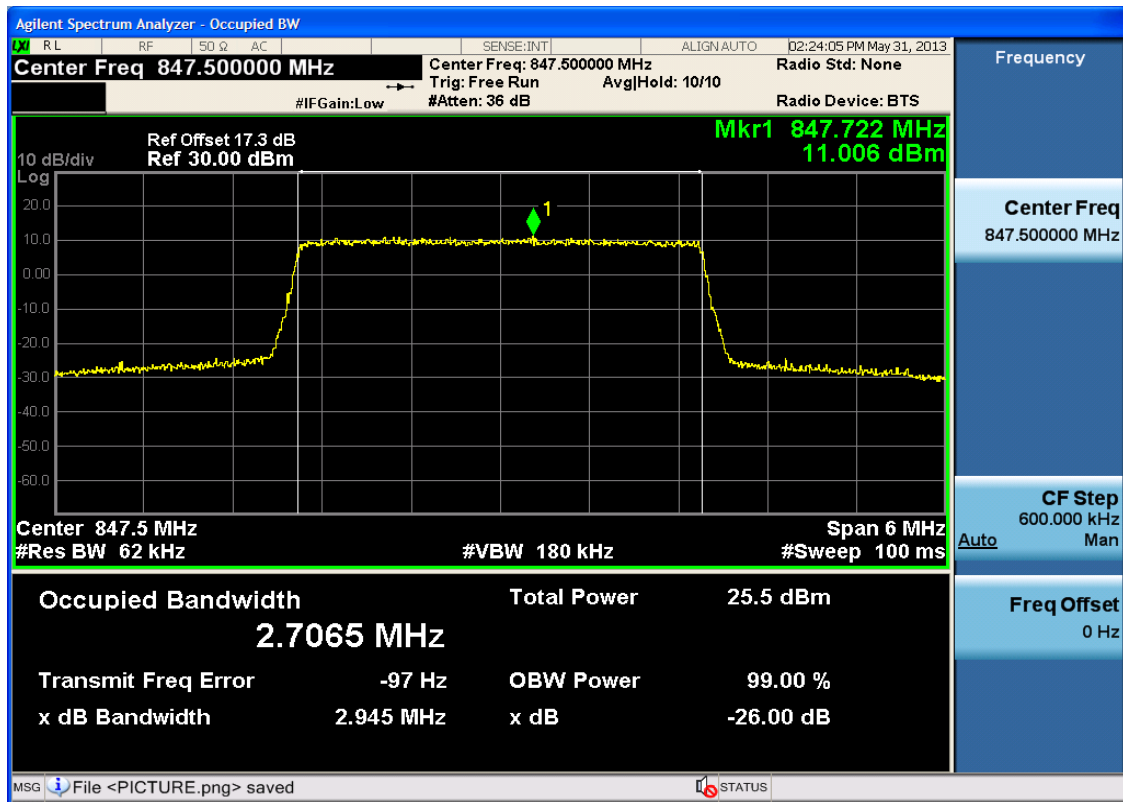
4.3.1.1.2.2 Test Channel = MCH

4.3.1.1.2.2.1 Test RB = RB15#0



4.3.1.1.2.3 Test Channel = HCH

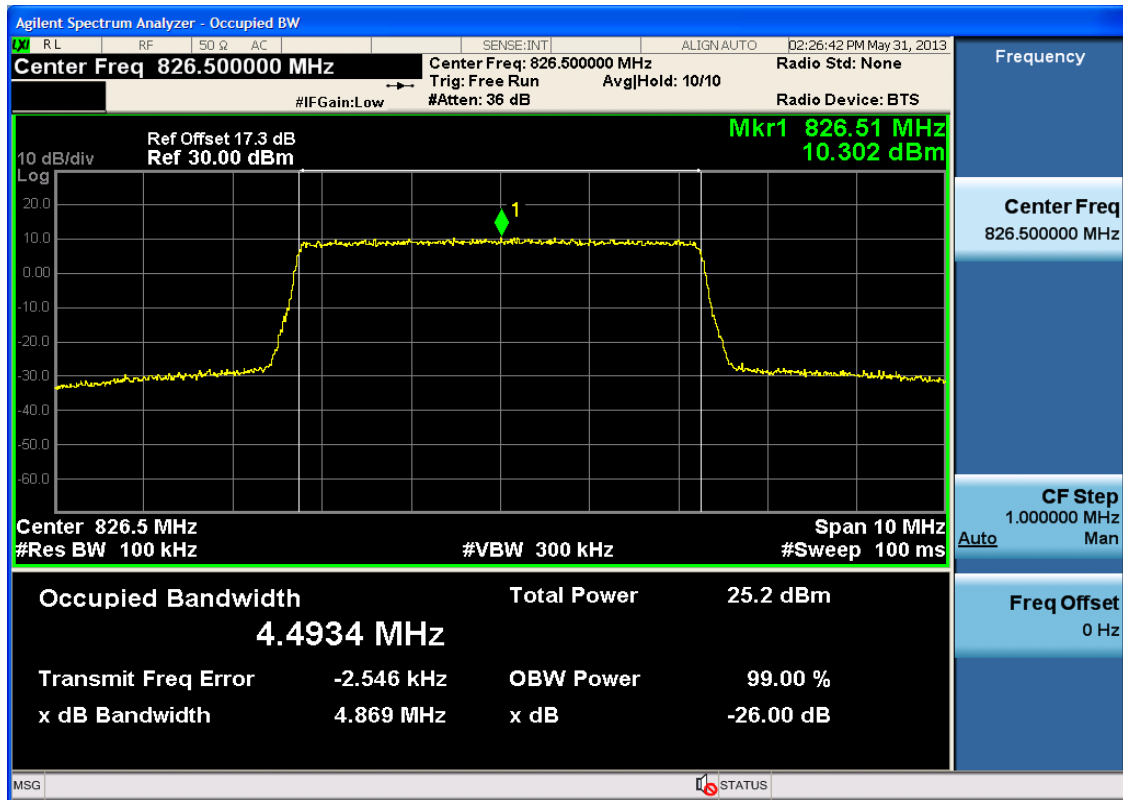
4.3.1.1.2.3.1 Test RB = RB15#0



4.3.1.1.3 Test Bandwidth = 5

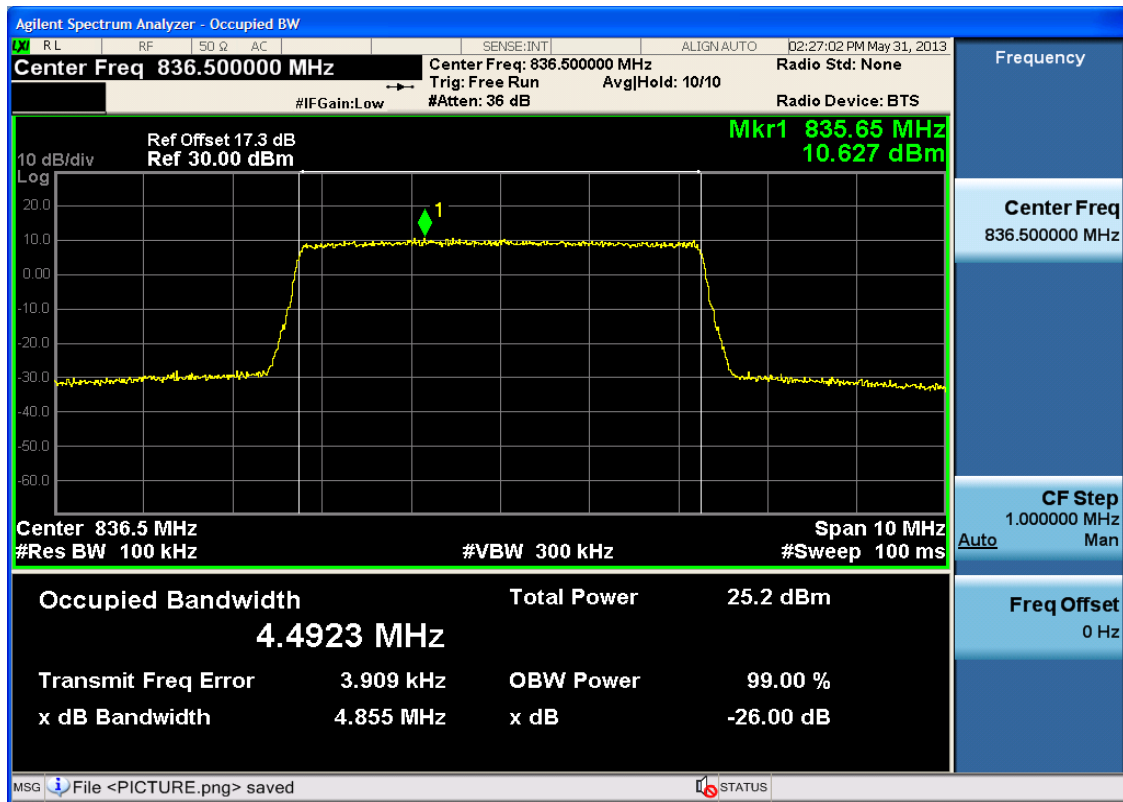
4.3.1.1.3.1 Test Channel = LCH

4.3.1.1.3.1.1 Test RB = RB25#0



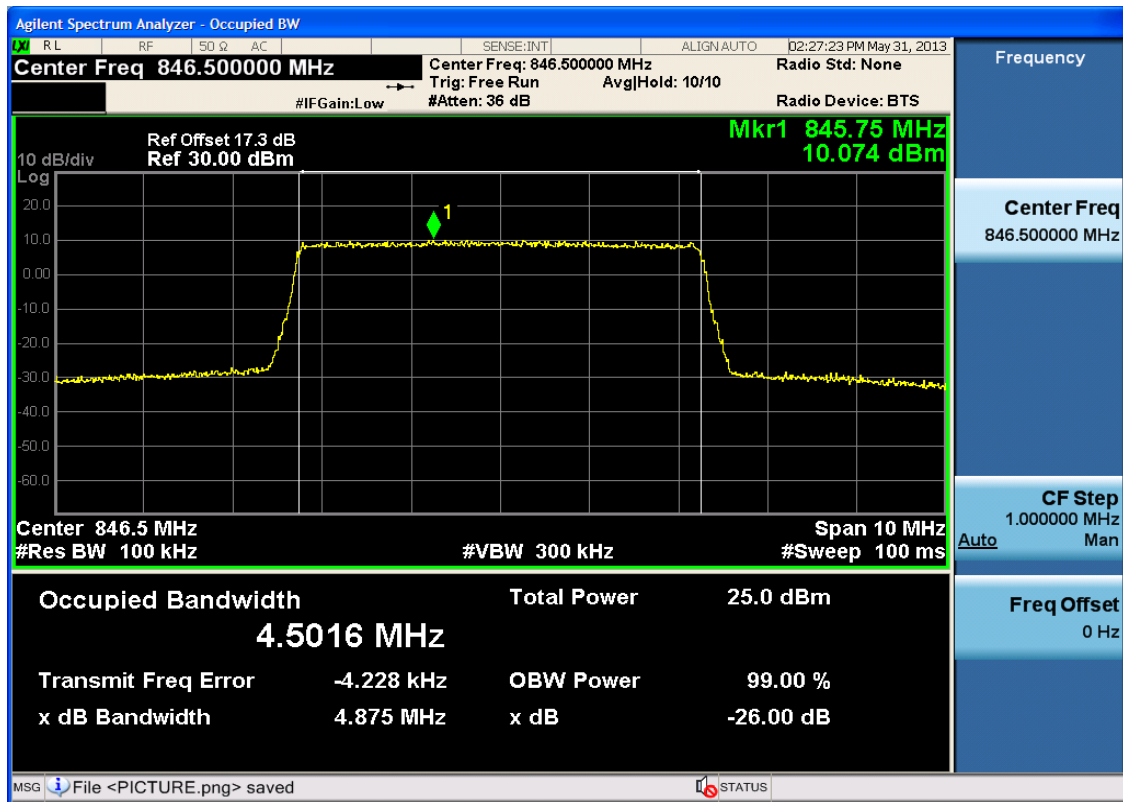
4.3.1.1.3.2 Test Channel = MCH

4.3.1.1.3.2.1 Test RB = RB25#0



4.3.1.1.3.3 Test Channel = HCH

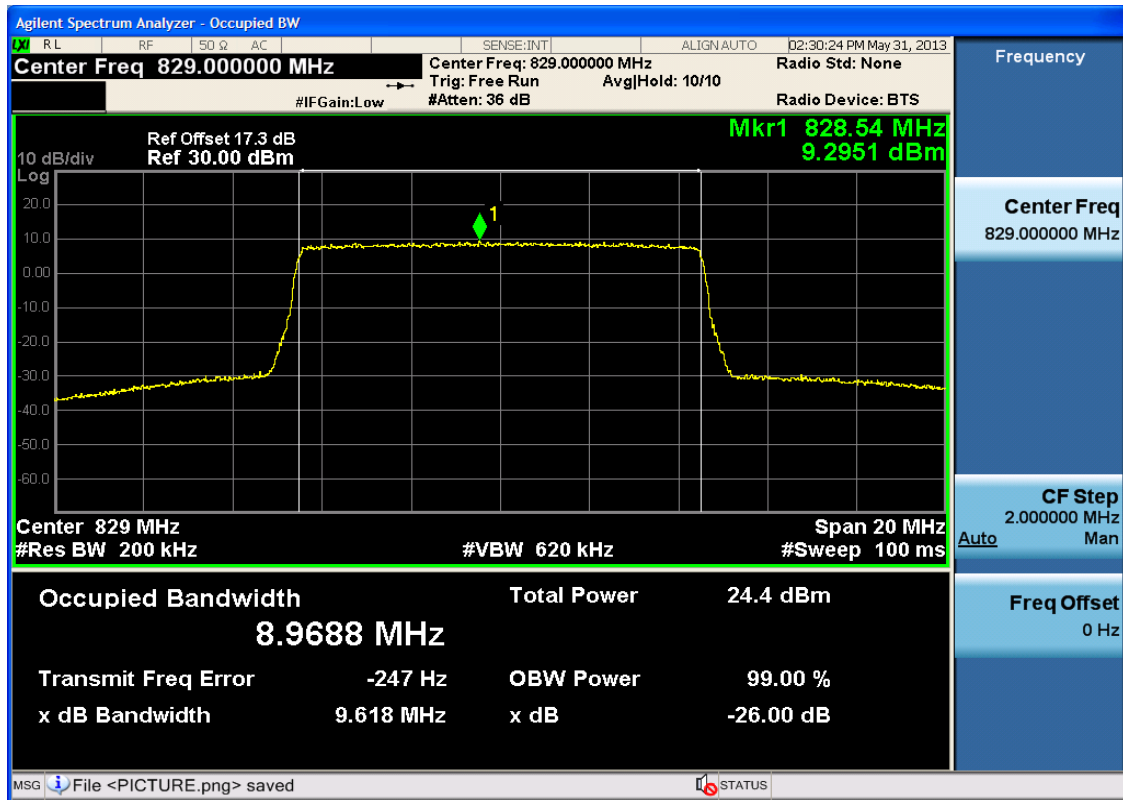
4.3.1.1.3.3.1 Test RB = RB25#0



4.3.1.1.4 Test Bandwidth = 10

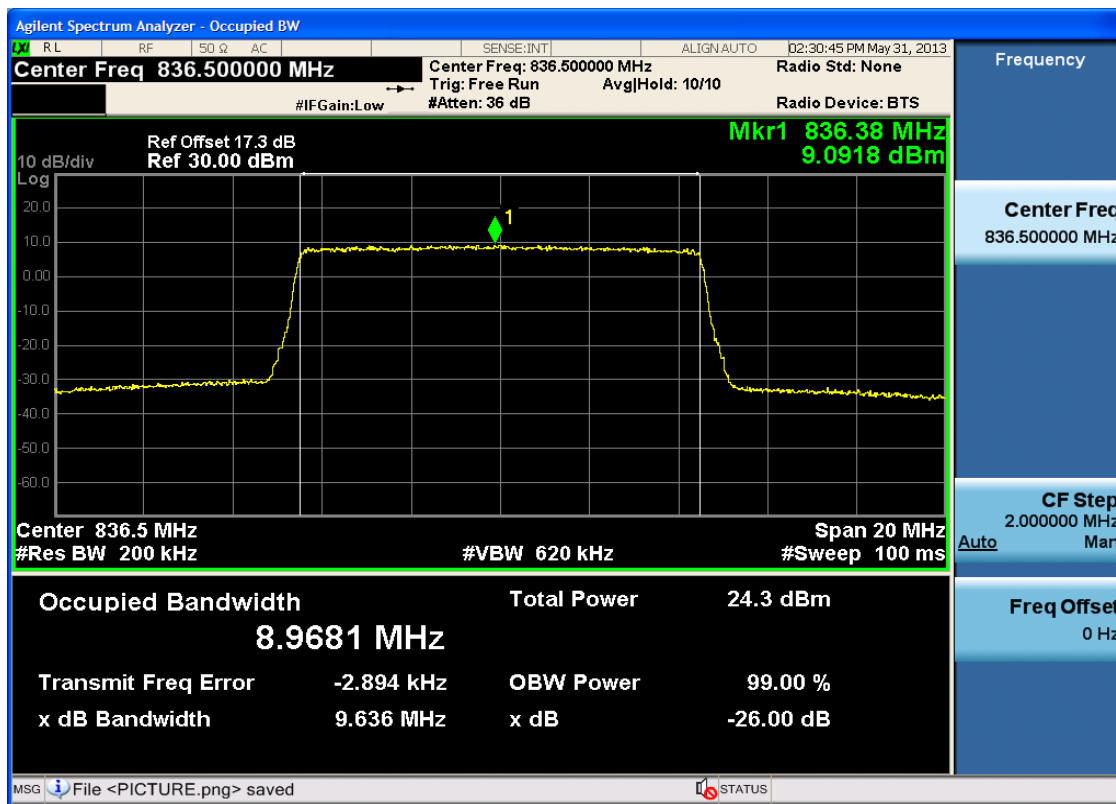
4.3.1.1.4.1 Test Channel = LCH

4.3.1.1.4.1.1 Test RB = RB50#0



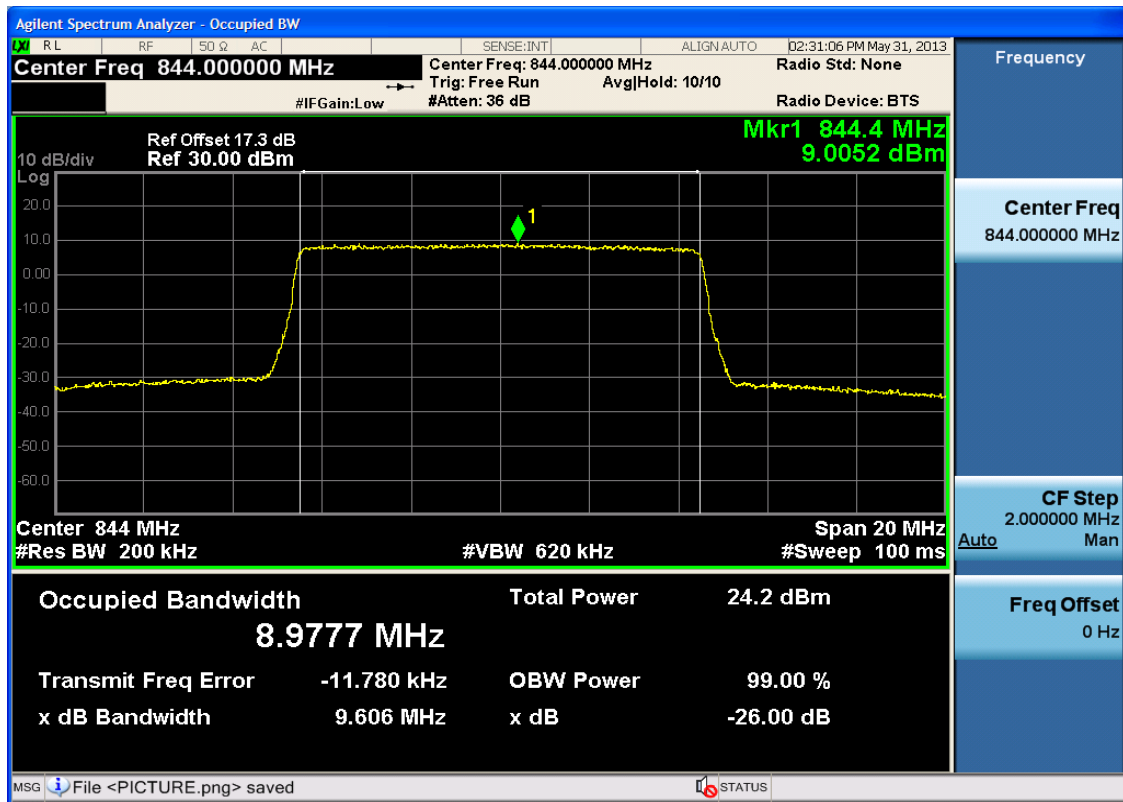
4.3.1.1.4.2 Test Channel = MCH

4.3.1.1.4.2.1 Test RB = RB50#0



4.3.1.1.4.3 Test Channel = HCH

4.3.1.1.4.3.1 Test RB = RB50#0

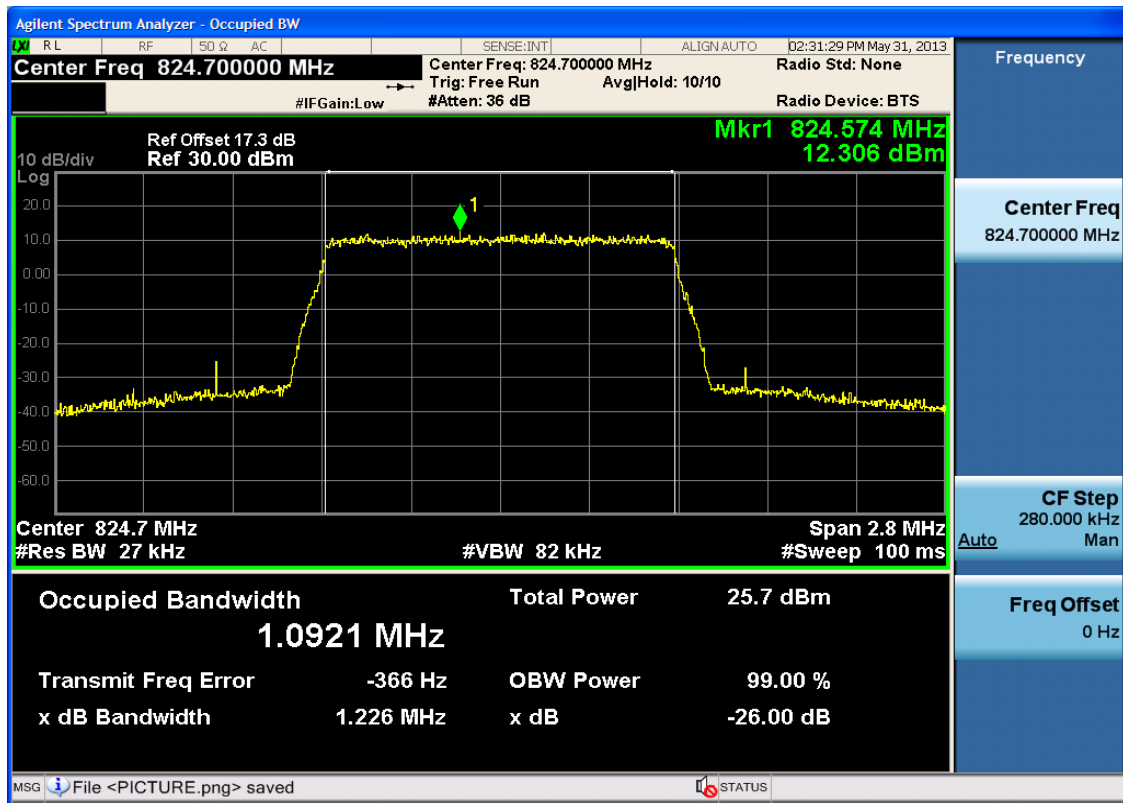


4.3.1.2 Test Mode = LTE/TM2

4.3.1.2.1 Test Bandwidth = 1.4

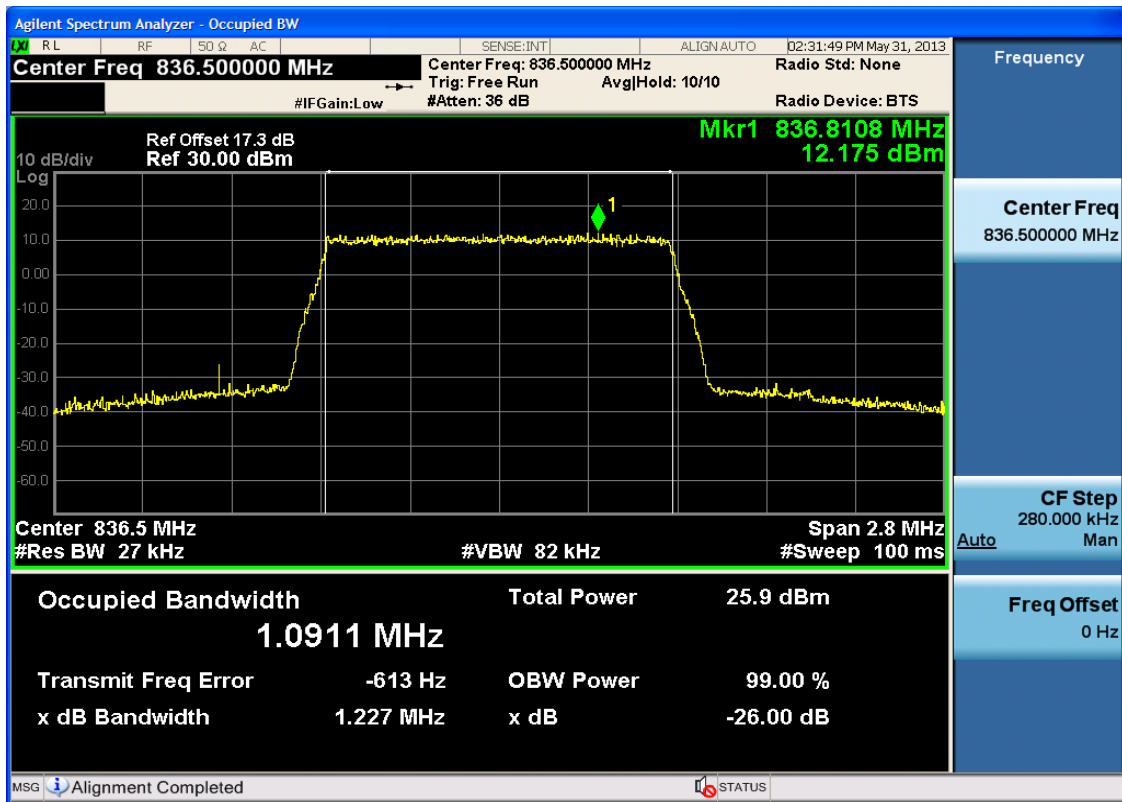
4.3.1.2.1.1 Test Channel = LCH

4.3.1.2.1.1.1 Test RB = RB6#0



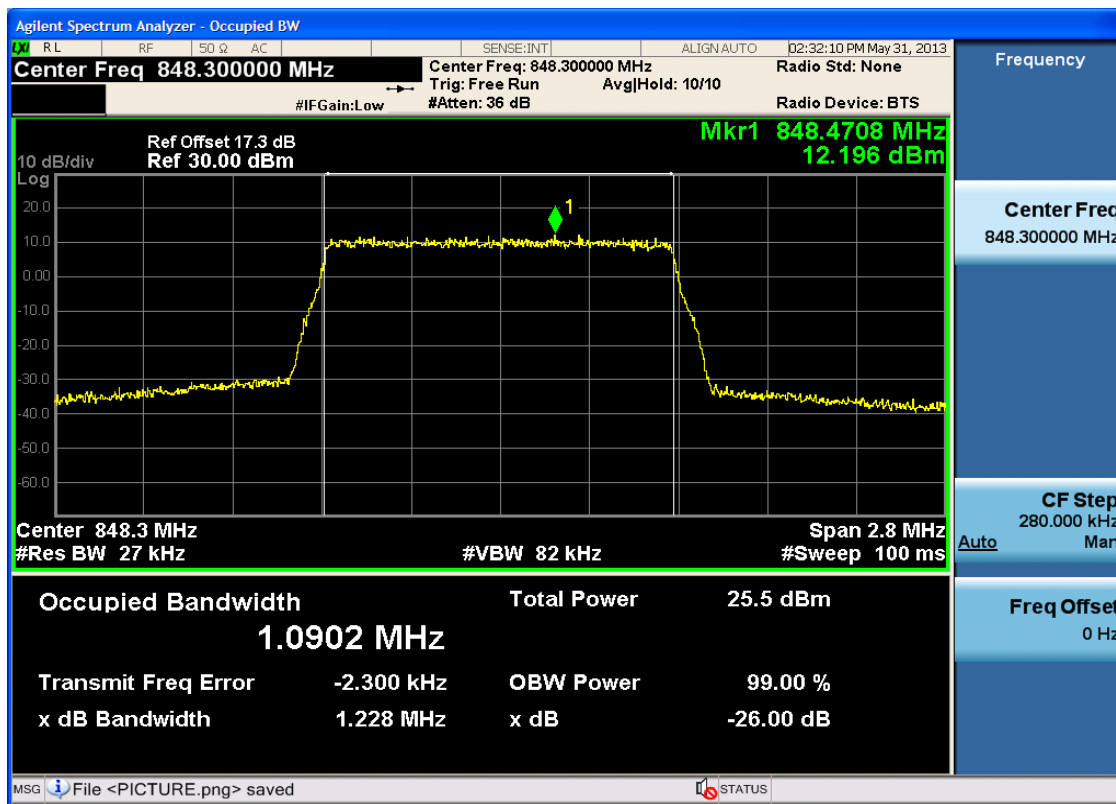
4.3.1.2.1.2 Test Channel = MCH

4.3.1.2.1.2.1 Test RB = RB6#0



4.3.1.2.1.3 Test Channel = HCH

4.3.1.2.1.3.1 Test RB = RB6#0



4.3.1.2.2 Test Bandwidth = 3

4.3.1.2.2.1 Test Channel = LCH

4.3.1.2.2.1.1 Test RB = RB15#0

