Appendix for test report

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	32.48	32.53	38.5	PASS
		MCH	32.56	32.61	38.5	PASS
		HCH	32.39	32.44	38.5	PASS
	GSM/TM2	LCH	26.31	26.36	38.5	PASS
		MCH	26.32	26.37	38.5	PASS
		HCH	26.24	26.29	38.5	PASS
WCDMA850	UMTS/TM1	LCH	23.1	23.15	38.5	PASS
		MCH	23.07	23.12	38.5	PASS
		HCH	23.06	23.11	38.5	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.06	31.47	33	PASS
		MCH	29.04	31.45	33	PASS
		HCH	29.14	31.55	33	PASS
	GSM/TM2	LCH	24.86	27.27	33	PASS
		MCH	24.95	27.36	33	PASS
		HCH	24.89	27.3	33	PASS
WCDMA1900	UMTS/TM1	LCH	22.8	25.21	33	PASS
		MCH	22.69	25.1	33	PASS
		HCH	22.58	24.99	33	PASS
WCDMA1700	UMTS/TM1	LCH	22.9	24.81	30	PASS
		MCH	22.83	24.74	30	PASS
		HCH	22.89	24.8	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	5	LCH	RB1#0	22.62	25.12	33	PASS
				RB1#13	22.79	25.29	33	PASS
				RB1#24	23.23	25.73	33	PASS
				RB12#0	21.5	24	33	PASS
				RB12#6	21.69	24.19	33	PASS
				RB12#13	21.48	23.98	33	PASS
				RB25#0	21.48	23.98	33	PASS
			MCH	RB1#0	22.77	25.27	33	PASS
				RB1#13	22.64	25.14	33	PASS
				RB1#24	22.97	25.47	33	PASS
				RB12#0	21.6	24.1	33	PASS
				RB12#6	21.67	24.17	33	PASS
				RB12#13	21.4	23.9	33	PASS
				RB25#0	21.44	23.94	33	PASS
			HCH	RB1#0	22.57	25.07	33	PASS
				RB1#13	22.66	25.16	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#24	21.52	24.02	33	PASS
				RB12#0	21.46	23.96	33	PASS
				RB12#6	21.71	24.21	33	PASS
				RB12#13	21.33	23.83	33	PASS
				RB25#0	21.45	23.95	33	PASS
			LCH	RB1#0	22.49	24.99	33	PASS
				RB1#25	22.94	25.44	33	PASS
				RB1#49	22.64	25.14	33	PASS
		10		RB25#0	21.34	23.84	33	PASS
				RB25#13	21.63	24.13	33	PASS
				RB25#25	21.26	23.76	33	PASS
				RB50#0	21.35	23.85	33	PASS
			MCH	RB1#0	22.76	25.26	33	PASS
				RB1#25	22.86	25.36	33	PASS
				RB1#49	23.06	25.56	33	PASS
				RB25#0	21.56	24.06	33	PASS
				RB25#13	21.61	24.11	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#25	21.38	23.88	33	PASS
				RB50#0	21.41	23.91	33	PASS
			HCH	RB1#0	22.53	25.03	33	PASS
				RB1#25	23.1	25.6	33	PASS
				RB1#49	21.53	24.03	33	PASS
				RB25#0	21.58	24.08	33	PASS
				RB25#13	21.85	24.35	33	PASS
				RB25#25	21.64	24.14	33	PASS
				RB50#0	21.6	24.1	33	PASS
		15	LCH	RB1#0	22.58	25.08	33	PASS
				RB1#38	22.73	25.23	33	PASS
				RB1#74	22.21	24.71	33	PASS
				RB38#0	21.48	23.98	33	PASS
				RB38#19	21.37	23.87	33	PASS
				RB38#39	21.11	23.61	33	PASS
				RB75#0	21.47	23.97	33	PASS
			MCH	RB1#0	22.97	25.47	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#38	22.78	25.28	33	PASS
				RB1#74	22.54	25.04	33	PASS
				RB38#0	21.66	24.16	33	PASS
				RB38#19	21.64	24.14	33	PASS
				RB38#39	21.64	24.14	33	PASS
				RB75#0	21.64	24.14	33	PASS
				RB1#0	22.68	25.18	33	PASS
				RB1#38	22.69	25.19	33	PASS
				RB1#74	20.86	23.36	33	PASS
			HCH	RB38#0	21.58	24.08	33	PASS
				RB38#19	21.64	24.14	33	PASS
				RB38#39	21.4	23.9	33	PASS
				RB75#0	21.61	24.11	33	PASS
				RB1#0	22.74	25.24	33	PASS
		20	LCH	RB1#50	22.36	24.86	33	PASS
				RB1#99	23.13	25.63	33	PASS
				RB50#0	21.38	23.88	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#25	21.18	23.68	33	PASS
				RB50#50	21.43	23.93	33	PASS
				RB100#0	21.34	23.84	33	PASS
			MCH	RB1#0	23.1	25.6	33	PASS
				RB1#50	22.44	24.94	33	PASS
				RB1#99	22.89	25.39	33	PASS
				RB50#0	21.6	24.1	33	PASS
				RB50#25	21.37	23.87	33	PASS
				RB50#50	21.49	23.99	33	PASS
				RB100#0	21.54	24.04	33	PASS
			HCH	RB1#0	22.8	25.3	33	PASS
				RB1#50	22.58	25.08	33	PASS
				RB1#99	22.49	24.99	33	PASS
				RB50#0	21.36	23.86	33	PASS
				RB50#25	21.45	23.95	33	PASS
				RB50#50	21.34	23.84	33	PASS
				RB100#0	21.41	23.91	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			LCH	RB1#0	22.16	24.66	33	PASS
				RB1#13	22.32	24.82	33	PASS
				RB1#24	22.76	25.26	33	PASS
				RB12#0	21.18	23.68	33	PASS
				RB12#6	21.37	23.87	33	PASS
				RB12#13	21.16	23.66	33	PASS
				RB25#0	21.12	23.62	33	PASS
	LTE/TM2	5	MCH	RB1#0	22.56	25.06	33	PASS
				RB1#13	22.42	24.92	33	PASS
				RB1#24	22.74	25.24	33	PASS
				RB12#0	21.3	23.8	33	PASS
				RB12#6	21.37	23.87	33	PASS
				RB12#13	21.11	23.61	33	PASS
				RB25#0	21.07	23.57	33	PASS
			HCH	RB1#0	22.21	24.71	33	PASS
				RB1#13	22.27	24.77	33	PASS
				RB1#24	21.13	23.63	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#0	21.08	23.58	33	PASS
				RB12#6	21.33	23.83	33	PASS
				RB12#13	20.95	23.45	33	PASS
				RB25#0	21.05	23.55	33	PASS
			LCH	RB1#0	22.11	24.61	33	PASS
				RB1#25	22.57	25.07	33	PASS
				RB1#49	22.31	24.81	33	PASS
				RB25#0	20.97	23.47	33	PASS
				RB25#13	21.27	23.77	33	PASS
				RB25#25	20.91	23.41	33	PASS
		10		RB50#0	21.02	23.52	33	PASS
			MCH	RB1#0	22.28	24.78	33	PASS
				RB1#25	22.44	24.94	33	PASS
				RB1#49	22.84	25.34	33	PASS
				RB25#0	21.2	23.7	33	PASS
				RB25#13	21.24	23.74	33	PASS
				RB25#25	21.2	23.7	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	21.08	23.58	33	PASS
			HCH	RB1#0	22.22	24.72	33	PASS
				RB1#25	22.49	24.99	33	PASS
				RB1#49	20.86	23.36	33	PASS
				RB25#0	21.16	23.66	33	PASS
				RB25#13	21.43	23.93	33	PASS
				RB25#25	21.2	23.7	33	PASS
				RB50#0	21.19	23.69	33	PASS
		15	LCH	RB1#0	22.14	24.64	33	PASS
				RB1#38	22.26	24.76	33	PASS
				RB1#74	21.69	24.19	33	PASS
				RB36#0	21.13	23.63	33	PASS
				RB36#18	21.12	23.62	33	PASS
				RB36#39	20.88	23.38	33	PASS
				RB75#0	21.01	23.51	33	PASS
			MCH	RB1#0	22.5	25	33	PASS
				RB1#38	22.22	24.72	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#74	21.93	24.43	33	PASS
				RB36#0	21.22	23.72	33	PASS
				RB36#18	21.19	23.69	33	PASS
				RB36#39	21.2	23.7	33	PASS
				RB75#0	21.2	23.7	33	PASS
			HCH	RB1#0	22.28	24.78	33	PASS
				RB1#38	22.27	24.77	33	PASS
				RB1#74	20.35	22.85	33	PASS
				RB36#0	21.13	23.63	33	PASS
				RB36#18	21.17	23.67	33	PASS
				RB36#39	20.92	23.42	33	PASS
				RB75#0	21.12	23.62	33	PASS
		20	LCH	RB1#0	22.47	24.97	33	PASS
				RB1#50	22.13	24.63	33	PASS
				RB1#99	22.9	25.4	33	PASS
				RB50#0	20.98	23.48	33	PASS
				RB50#25	20.78	23.28	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#50	21.05	23.55	33	PASS
				RB100#0	20.95	23.45	33	PASS
			MCH	RB1#0	22.92	25.42	33	PASS
				RB1#50	22.22	24.72	33	PASS
				RB1#99	22.61	25.11	33	PASS
				RB50#0	21.21	23.71	33	PASS
				RB50#25	20.95	23.45	33	PASS
				RB50#50	21.06	23.56	33	PASS
				RB100#0	21.13	23.63	33	PASS
			HCH	RB1#0	22.44	24.94	33	PASS
				RB1#50	22.31	24.81	33	PASS
				RB1#99	22.19	24.69	33	PASS
				RB50#0	20.95	23.45	33	PASS
				RB50#25	21.04	23.54	33	PASS
				RB50#50	20.92	23.42	33	PASS
				RB100#0	21	23.5	33	PASS
BAND4	LTE/TM1	5	LCH	RB1#0	22.64	24.64	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#13	22.57	24.57	30	PASS
				RB1#24	22.89	24.89	30	PASS
				RB12#0	21.41	23.41	30	PASS
				RB12#6	21.55	23.55	30	PASS
				RB12#13	21.27	23.27	30	PASS
				RB25#0	21.45	23.45	30	PASS
			MCH	RB1#0	23.18	25.18	30	PASS
				RB1#13	23.28	25.28	30	PASS
				RB1#24	23.46	25.46	30	PASS
				RB12#0	22.09	24.09	30	PASS
				RB12#6	22.25	24.25	30	PASS
				RB12#13	21.98	23.98	30	PASS
				RB25#0	22.04	24.04	30	PASS
			HCH	RB1#0	22.73	24.73	30	PASS
				RB1#13	22.74	24.74	30	PASS
				RB1#24	23.1	25.1	30	PASS
				RB12#0	21.58	23.58	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#6	21.81	23.81	30	PASS
				RB12#13	21.75	23.75	30	PASS
				RB25#0	21.83	23.83	30	PASS
		10	LCH	RB1#0	22.53	24.53	30	PASS
				RB1#25	22.71	24.71	30	PASS
				RB1#49	22.67	24.67	30	PASS
				RB25#0	21.58	23.58	30	PASS
				RB25#13	21.71	23.71	30	PASS
				RB25#25	21.46	23.46	30	PASS
				RB50#0	21.5	23.5	30	PASS
			MCH	RB1#0	22.84	24.84	30	PASS
				RB1#25	23.43	25.43	30	PASS
				RB1#49	23.15	25.15	30	PASS
				RB25#0	22	24	30	PASS
				RB25#13	22.22	24.22	30	PASS
				RB25#25	21.98	23.98	30	PASS
				RB50#0	21.99	23.99	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.54	24.54	30	PASS
				RB1#25	23	25	30	PASS
				RB1#49	22.93	24.93	30	PASS
				RB25#0	21.7	23.7	30	PASS
				RB25#13	21.82	23.82	30	PASS
				RB25#25	21.66	23.66	30	PASS
				RB50#0	21.74	23.74	30	PASS
		15	LCH	RB1#0	22.51	24.51	30	PASS
				RB1#38	22.59	24.59	30	PASS
				RB1#74	22.23	24.23	30	PASS
				RB36#0	21.47	23.47	30	PASS
				RB36#18	21.5	23.5	30	PASS
				RB36#39	21.5	23.5	30	PASS
				RB75#0	21.38	23.38	30	PASS
			MCH	RB1#0	22.66	24.66	30	PASS
				RB1#38	23.21	25.21	30	PASS
				RB1#74	22.42	24.42	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB36#0	21.86	23.86	30	PASS
				RB36#18	22.05	24.05	30	PASS
				RB36#39	21.73	23.73	30	PASS
				RB75#0	21.9	23.9	30	PASS
			HCH	RB1#0	22.77	24.77	30	PASS
				RB1#38	22.57	24.57	30	PASS
				RB1#74	22.35	24.35	30	PASS
				RB36#0	21.58	23.58	30	PASS
				RB36#18	21.66	23.66	30	PASS
				RB36#39	21.66	23.66	30	PASS
				RB75#0	21.7	23.7	30	PASS
		20	LCH	RB1#0	22.55	24.55	30	PASS
				RB1#50	22.45	24.45	30	PASS
				RB1#99	23.18	25.18	30	PASS
				RB50#0	21.4	23.4	30	PASS
				RB50#25	21.37	23.37	30	PASS
				RB50#50	21.44	23.44	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB100#0	21.49	23.49	30	PASS
			MCH	RB1#0	22.76	24.76	30	PASS
				RB1#50	22.96	24.96	30	PASS
				RB1#99	23	25	30	PASS
				RB50#0	21.71	23.71	30	PASS
				RB50#25	21.81	23.81	30	PASS
				RB50#50	21.63	23.63	30	PASS
				RB100#0	21.75	23.75	30	PASS
			HCH	RB1#0	23.05	25.05	30	PASS
				RB1#50	22.44	24.44	30	PASS
				RB1#99	22.8	24.8	30	PASS
				RB50#0	21.56	23.56	30	PASS
				RB50#25	21.39	23.39	30	PASS
				RB50#50	21.63	23.63	30	PASS
				RB100#0	21.66	23.66	30	PASS
	LTE/TM2	5	LCH	RB1#0	22.12	24.12	30	PASS
				RB1#13	22.05	24.05	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#24	22.37	24.37	30	PASS
				RB12#0	21.07	23.07	30	PASS
				RB12#6	21.2	23.2	30	PASS
				RB12#13	20.93	22.93	30	PASS
				RB25#0	21.06	23.06	30	PASS
			MCH	RB1#0	22.82	24.82	30	PASS
				RB1#13	22.79	24.79	30	PASS
				RB1#24	23.11	25.11	30	PASS
				RB12#0	21.64	23.64	30	PASS
				RB12#6	21.8	23.8	30	PASS
				RB12#13	21.55	23.55	30	PASS
				RB25#0	21.58	23.58	30	PASS
			HCH	RB1#0	22.31	24.31	30	PASS
				RB1#13	22.34	24.34	30	PASS
				RB1#24	22.69	24.69	30	PASS
				RB12#0	21.11	23.11	30	PASS
				RB12#6	21.36	23.36	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#13	21.3	23.3	30	PASS
				RB25#0	21.41	23.41	30	PASS
			LCH	RB1#0	22.14	24.14	30	PASS
				RB1#25	22.29	24.29	30	PASS
				RB1#49	22.27	24.27	30	PASS
				RB25#0	20.99	22.99	30	PASS
				RB25#13	21.14	23.14	30	PASS
				RB25#25	20.92	22.92	30	PASS
				RB50#0	20.95	22.95	30	PASS
		10	MCH	RB1#0	22.46	24.46	30	PASS
				RB1#25	22.97	24.97	30	PASS
				RB1#49	22.72	24.72	30	PASS
				RB25#0	21.51	23.51	30	PASS
				RB25#13	21.72	23.72	30	PASS
				RB25#25	21.49	23.49	30	PASS
				RB50#0	21.51	23.51	30	PASS
			HCH	RB1#0	22.02	24.02	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	22.52	24.52	30	PASS
				RB1#49	22.5	24.5	30	PASS
				RB25#0	21.17	23.17	30	PASS
				RB25#13	21.3	23.3	30	PASS
				RB25#25	21.17	23.17	30	PASS
				RB50#0	21.26	23.26	30	PASS
		15	LCH	RB1#0	22.04	24.04	30	PASS
				RB1#38	22.15	24.15	30	PASS
				RB1#74	21.88	23.88	30	PASS
				RB36#0	20.99	22.99	30	PASS
				RB36#18	21.03	23.03	30	PASS
				RB36#39	21.04	23.04	30	PASS
				RB75#0	20.9	22.9	30	PASS
			MCH	RB1#0	22.31	24.31	30	PASS
				RB1#38	22.83	24.83	30	PASS
				RB1#74	22.06	24.06	30	PASS
				RB36#0	21.38	23.38	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB36#18	21.59	23.59	30	PASS
				RB36#39	21.25	23.25	30	PASS
				RB75#0	21.45	23.45	30	PASS
			HCH	RB1#0	22.56	24.56	30	PASS
				RB1#38	22.35	24.35	30	PASS
				RB1#74	22.16	24.16	30	PASS
				RB36#0	21.1	23.1	30	PASS
				RB36#18	21.16	23.16	30	PASS
				RB36#39	21.19	23.19	30	PASS
				RB75#0	21.21	23.21	30	PASS
		20	LCH	RB1#0	22.27	24.27	30	PASS
				RB1#50	22.18	24.18	30	PASS
				RB1#99	22.93	24.93	30	PASS
				RB50#0	20.97	22.97	30	PASS
				RB50#25	20.94	22.94	30	PASS
				RB50#50	21.03	23.03	30	PASS
				RB100#0	21.04	23.04	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.54	24.54	30	PASS
				RB1#50	22.73	24.73	30	PASS
				RB1#99	22.74	24.74	30	PASS
				RB50#0	21.29	23.29	30	PASS
				RB50#25	21.37	23.37	30	PASS
				RB50#50	21.16	23.16	30	PASS
				RB100#0	21.27	23.27	30	PASS
			HCH	RB1#0	22.67	24.67	30	PASS
				RB1#50	22.12	24.12	30	PASS
				RB1#99	22.47	24.47	30	PASS
				RB50#0	21.1	23.1	30	PASS
				RB50#25	20.92	22.92	30	PASS
				RB50#50	21.16	23.16	30	PASS
				RB100#0	21.18	23.18	30	PASS
BAND5	LTE/TM1	5	LCH	RB1#0	22.67	22.85	38.5	PASS
				RB1#13	22.93	23.11	38.5	PASS
				RB1#24	23.32	23.5	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#0	21.61	21.79	38.5	PASS
				RB12#6	21.8	21.98	38.5	PASS
				RB12#13	21.61	21.79	38.5	PASS
				RB25#0	21.65	21.83	38.5	PASS
			MCH	RB1#0	22.57	22.75	38.5	PASS
				RB1#13	22.93	23.11	38.5	PASS
				RB1#24	23.39	23.57	38.5	PASS
				RB12#0	21.44	21.62	38.5	PASS
				RB12#6	21.82	22	38.5	PASS
				RB12#13	21.64	21.82	38.5	PASS
				RB25#0	21.6	21.78	38.5	PASS
			HCH	RB1#0	22.67	22.85	38.5	PASS
				RB1#13	22.67	22.85	38.5	PASS
				RB1#24	23.02	23.2	38.5	PASS
				RB12#0	21.44	21.62	38.5	PASS
				RB12#6	21.74	21.92	38.5	PASS
				RB12#13	21.48	21.66	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#0	21.53	21.71	38.5	PASS
			LCH	RB1#0	22.69	22.87	38.5	PASS
				RB1#25	22.98	23.16	38.5	PASS
				RB1#49	22.78	22.96	38.5	PASS
				RB25#0	21.57	21.75	38.5	PASS
				RB25#13	21.78	21.96	38.5	PASS
				RB25#25	21.42	21.6	38.5	PASS
				RB50#0	21.55	21.73	38.5	PASS
		10	MCH	RB1#0	22.59	22.77	38.5	PASS
				RB1#25	23.02	23.2	38.5	PASS
				RB1#49	23.22	23.4	38.5	PASS
				RB25#0	21.34	21.52	38.5	PASS
				RB25#13	21.66	21.84	38.5	PASS
				RB25#25	21.53	21.71	38.5	PASS
				RB50#0	21.5	21.68	38.5	PASS
			HCH	RB1#0	22.89	23.07	38.5	PASS
				RB1#25	22.95	23.13	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#49	22.76	22.94	38.5	PASS
				RB25#0	21.54	21.72	38.5	PASS
				RB25#13	21.6	21.78	38.5	PASS
				RB25#25	21.43	21.61	38.5	PASS
				RB50#0	21.48	21.66	38.5	PASS
	LTE/TM2	5	LCH	RB1#0	22.14	22.32	38.5	PASS
				RB1#13	22.36	22.54	38.5	PASS
				RB1#24	22.72	22.9	38.5	PASS
				RB12#0	20.99	21.17	38.5	PASS
				RB12#6	21.17	21.35	38.5	PASS
				RB12#13	21	21.18	38.5	PASS
				RB25#0	21.02	21.2	38.5	PASS
			MCH	RB1#0	22.12	22.3	38.5	PASS
				RB1#13	22.35	22.53	38.5	PASS
				RB1#24	22.81	22.99	38.5	PASS
				RB12#0	20.72	20.9	38.5	PASS
				RB12#6	21.09	21.27	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#13	20.92	21.1	38.5	PASS
				RB25#0	20.85	21.03	38.5	PASS
			HCH	RB1#0	22.37	22.55	38.5	PASS
				RB1#13	22.36	22.54	38.5	PASS
				RB1#24	22.69	22.87	38.5	PASS
				RB12#0	20.76	20.94	38.5	PASS
				RB12#6	21.07	21.25	38.5	PASS
				RB12#13	20.81	20.99	38.5	PASS
				RB25#0	20.83	21.01	38.5	PASS
		10	LCH	RB1#0	22.17	22.35	38.5	PASS
				RB1#25	22.41	22.59	38.5	PASS
				RB1#49	22.27	22.45	38.5	PASS
				RB25#0	20.88	21.06	38.5	PASS
				RB25#13	21.08	21.26	38.5	PASS
				RB25#25	20.76	20.94	38.5	PASS
				RB50#0	20.83	21.01	38.5	PASS
			MCH	RB1#0	22.12	22.3	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	22.55	22.73	38.5	PASS
				RB1#49	22.83	23.01	38.5	PASS
				RB25#0	20.7	20.88	38.5	PASS
				RB25#13	20.99	21.17	38.5	PASS
				RB25#25	20.87	21.05	38.5	PASS
				RB50#0	20.81	20.99	38.5	PASS
			HCH	RB1#0	22.54	22.72	38.5	PASS
				RB1#25	22.56	22.74	38.5	PASS
				RB1#49	22.43	22.61	38.5	PASS
				RB25#0	20.88	21.06	38.5	PASS
				RB25#13	20.94	21.12	38.5	PASS
				RB25#25	20.75	20.93	38.5	PASS
				RB50#0	20.82	21	38.5	PASS
BAND7	LTE/TM1	5	LCH	RB1#0	21.8	24.67	33	PASS
				RB1#13	22.22	25.09	33	PASS
				RB1#24	22.57	25.44	33	PASS
				RB12#0	21.04	23.91	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#6	21.31	24.18	33	PASS
				RB12#13	21.16	24.03	33	PASS
				RB25#0	21.08	23.95	33	PASS
			MCH	RB1#0	21.86	24.73	33	PASS
				RB1#13	22.04	24.91	33	PASS
				RB1#24	22.27	25.14	33	PASS
				RB12#0	20.94	23.81	33	PASS
				RB12#6	21.15	24.02	33	PASS
				RB12#13	21.02	23.89	33	PASS
				RB25#0	21.03	23.9	33	PASS
			HCH	RB1#0	21.96	24.83	33	PASS
				RB1#13	22.12	24.99	33	PASS
				RB1#24	22.12	24.99	33	PASS
				RB12#0	20.99	23.86	33	PASS
				RB12#6	21.17	24.04	33	PASS
				RB12#13	20.88	23.75	33	PASS
				RB25#0	20.94	23.81	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			LCH	RB1#0	21.78	24.65	33	PASS
				RB1#25	22.34	25.21	33	PASS
				RB1#49	22.17	25.04	33	PASS
				RB25#0	20.86	23.73	33	PASS
				RB25#13	21.17	24.04	33	PASS
				RB25#25	20.99	23.86	33	PASS
				RB50#0	20.92	23.79	33	PASS
		10	MCH	RB1#0	21.64	24.51	33	PASS
				RB1#25	22.05	24.92	33	PASS
				RB1#49	21.71	24.58	33	PASS
				RB25#0	20.78	23.65	33	PASS
				RB25#13	21.07	23.94	33	PASS
				RB25#25	20.75	23.62	33	PASS
				RB50#0	20.83	23.7	33	PASS
			HCH	RB1#0	21.75	24.62	33	PASS
				RB1#25	22.2	25.07	33	PASS
				RB1#49	21.97	24.84	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#0	20.98	23.85	33	PASS
				RB25#13	21	23.87	33	PASS
				RB25#25	20.72	23.59	33	PASS
				RB50#0	20.86	23.73	33	PASS
			LCH	RB1#0	22.07	24.94	33	PASS
				RB1#38	22.41	25.28	33	PASS
				RB1#74	21.79	24.66	33	PASS
				RB36#0	21.19	24.06	33	PASS
				RB36#18	21.33	24.2	33	PASS
				RB36#39	21.12	23.99	33	PASS
		15		RB75#0	21.16	24.03	33	PASS
			MCH	RB1#0	21.86	24.73	33	PASS
				RB1#38	22.14	25.01	33	PASS
				RB1#74	21.46	24.33	33	PASS
				RB36#0	20.97	23.84	33	PASS
				RB36#18	21.03	23.9	33	PASS
				RB36#39	20.81	23.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB75#0	20.97	23.84	33	PASS
			HCH	RB1#0	21.98	24.85	33	PASS
				RB1#38	22.2	25.07	33	PASS
				RB1#74	21.44	24.31	33	PASS
				RB36#0	20.98	23.85	33	PASS
				RB36#18	21.2	24.07	33	PASS
				RB36#39	21.01	23.88	33	PASS
				RB75#0	21.12	23.99	33	PASS
		20	LCH	RB1#0	21.73	24.6	33	PASS
				RB1#50	21.7	24.57	33	PASS
				RB1#99	21.9	24.77	33	PASS
				RB50#0	20.61	23.48	33	PASS
				RB50#25	20.66	23.53	33	PASS
				RB50#50	20.62	23.49	33	PASS
				RB100#0	20.62	23.49	33	PASS
			MCH	RB1#0	21.69	24.56	33	PASS
				RB1#50	21.46	24.33	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#99	21.69	24.56	33	PASS
				RB50#0	20.53	23.4	33	PASS
				RB50#25	20.43	23.3	33	PASS
				RB50#50	20.36	23.23	33	PASS
				RB100#0	20.41	23.28	33	PASS
			HCH	RB1#0	21.72	24.59	33	PASS
				RB1#50	21.57	24.44	33	PASS
				RB1#99	21.58	24.45	33	PASS
				RB50#0	20.59	23.46	33	PASS
				RB50#25	20.57	23.44	33	PASS
				RB50#50	20.46	23.33	33	PASS
				RB100#0	20.55	23.42	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.87	24.74	33	PASS
				RB1#13	22.22	25.09	33	PASS
				RB1#24	22.4	25.27	33	PASS
				RB12#0	21.01	23.88	33	PASS
				RB12#6	21.28	24.15	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#13	21.14	24.01	33	PASS
				RB25#0	21.05	23.92	33	PASS
			MCH	RB1#0	21.79	24.66	33	PASS
				RB1#13	21.95	24.82	33	PASS
				RB1#24	22.09	24.96	33	PASS
				RB12#0	20.77	23.64	33	PASS
				RB12#6	20.98	23.85	33	PASS
				RB12#13	20.87	23.74	33	PASS
				RB25#0	20.86	23.73	33	PASS
			HCH	RB1#0	21.98	24.85	33	PASS
				RB1#13	22.08	24.95	33	PASS
				RB1#24	22.2	25.07	33	PASS
				RB12#0	20.95	23.82	33	PASS
				RB12#6	21.12	23.99	33	PASS
				RB12#13	20.85	23.72	33	PASS
				RB25#0	20.88	23.75	33	PASS
		10	LCH	RB1#0	22.07	24.94	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	22.56	25.43	33	PASS
				RB1#49	22.44	25.31	33	PASS
				RB25#0	20.84	23.71	33	PASS
				RB25#13	21.15	24.02	33	PASS
				RB25#25	20.99	23.86	33	PASS
				RB50#0	20.93	23.8	33	PASS
			MCH	RB1#0	21.85	24.72	33	PASS
				RB1#25	22.26	25.13	33	PASS
				RB1#49	21.94	24.81	33	PASS
				RB25#0	20.66	23.53	33	PASS
				RB25#13	20.94	23.81	33	PASS
				RB25#25	20.62	23.49	33	PASS
				RB50#0	20.74	23.61	33	PASS
			HCH	RB1#0	21.78	24.65	33	PASS
				RB1#25	22.03	24.9	33	PASS
				RB1#49	21.83	24.7	33	PASS
				RB25#0	20.77	23.64	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#13	21	23.87	33	PASS
				RB25#25	20.75	23.62	33	PASS
				RB50#0	20.87	23.74	33	PASS
		15	LCH	RB1#0	22.1	24.97	33	PASS
				RB1#38	22.38	25.25	33	PASS
				RB1#74	21.83	24.7	33	PASS
				RB36#0	21.02	23.89	33	PASS
				RB36#18	21.16	24.03	33	PASS
				RB36#39	20.97	23.84	33	PASS
				RB75#0	20.98	23.85	33	PASS
			MCH	RB1#0	22.01	24.88	33	PASS
				RB1#38	22.14	25.01	33	PASS
				RB1#74	21.5	24.37	33	PASS
				RB36#0	20.8	23.67	33	PASS
				RB36#18	20.86	23.73	33	PASS
				RB36#39	20.65	23.52	33	PASS
				RB75#0	20.77	23.64	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.95	24.82	33	PASS
				RB1#38	22.12	24.99	33	PASS
				RB1#74	21.43	24.3	33	PASS
				RB36#0	20.78	23.65	33	PASS
				RB36#18	20.99	23.86	33	PASS
				RB36#39	20.82	23.69	33	PASS
				RB75#0	20.93	23.8	33	PASS
		20	LCH	RB1#0	22	24.87	33	PASS
				RB1#50	22.01	24.88	33	PASS
				RB1#99	22.18	25.05	33	PASS
				RB50#0	20.45	23.32	33	PASS
				RB50#25	20.5	23.37	33	PASS
				RB50#50	20.46	23.33	33	PASS
				RB100#0	20.42	23.29	33	PASS
			MCH	RB1#0	21.85	24.72	33	PASS
				RB1#50	21.65	24.52	33	PASS
				RB1#99	21.88	24.75	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	20.37	23.24	33	PASS
				RB50#25	20.37	23.24	33	PASS
				RB50#50	20.32	23.19	33	PASS
				RB100#0	20.33	23.2	33	PASS
				RB1#0	21.89	24.76	33	PASS
				RB1#50	21.77	24.64	33	PASS
				RB1#99	21.73	24.6	33	PASS
			HCH	RB50#0	20.43	23.3	33	PASS
				RB50#25	20.42	23.29	33	PASS
				RB50#50	20.31	23.18	33	PASS
				RB100#0	20.41	23.28	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,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b, SGP=Signal Generator Level

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

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM1900	GSM/TM1	LCH	0.13	13	PASS
		MCH	0.15	13	PASS
		HCH	0.14	13	PASS
	GSM/TM2	LCH	2.96	13	PASS
		MCH	3.06	13	PASS
		HCH	3.07	13	PASS
Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM1	LCH	2.42	13	PASS
		MCH	2.67	13	PASS
		HCH	2.92	13	PASS
WCDMA1700	UMTS/TM1	LCH	2.42	13	PASS
		MCH	2.59	13	PASS
		HCH	2.64	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND2	LTE/TM1	5	LCH	RB1#0	3.95	13	PASS
				RB1#13	3.93	13	PASS
				RB1#24	3.76	13	PASS
				RB12#0	5.49	13	PASS
				RB12#6	5.18	13	PASS
				RB12#13	5.5	13	PASS
				RB25#0	5.83	13	PASS
			MCH	RB1#0	4.27	13	PASS
				RB1#13	3.96	13	PASS
				RB1#24	3.76	13	PASS
				RB12#0	5.5	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.58	13	PASS
				RB25#0	5.95	13	PASS
			HCH	RB1#0	3.81	13	PASS
				RB1#13	3.46	13	PASS
				RB1#24	4.01	13	PASS
				RB12#0	5.29	13	PASS
				RB12#6	4.79	13	PASS
				RB12#13	4.98	13	PASS
				RB25#0	5.39	13	PASS
		10	LCH	RB1#0	3.82	13	PASS
				RB1#25	3.77	13	PASS
				RB1#49	4.15	13	PASS
				RB25#0	5.69	13	PASS
				RB25#13	5.42	13	PASS
				RB25#25	5.91	13	PASS
				RB50#0	5.96	13	PASS
			MCH	RB1#0	4.22	13	PASS
				RB1#25	3.94	13	PASS
				RB1#49	3.7	13	PASS
				RB25#0	5.71	13	PASS
				RB25#13	5.4	13	PASS
				RB25#25	5.65	13	PASS
				RB50#0	5.91	13	PASS
			HCH	RB1#0	3.99	13	PASS
				RB1#25	3.56	13	PASS
				RB1#49	4.17	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.46	13	PASS
				RB25#13	4.98	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	5.7	13	PASS
		15	LCH	RB1#0	4.01	13	PASS
				RB1#38	4.24	13	PASS
				RB1#74	4.68	13	PASS
				RB36#0	5.74	13	PASS
				RB36#18	5.77	13	PASS
				RB36#39	6.09	13	PASS
				RB75#0	6.12	13	PASS
			MCH	RB1#0	4.2	13	PASS
				RB1#38	4.05	13	PASS
				RB1#74	4.16	13	PASS
				RB36#0	5.86	13	PASS
				RB36#18	5.63	13	PASS
				RB36#39	5.69	13	PASS
				RB75#0	6.17	13	PASS
			HCH	RB1#0	4.04	13	PASS
				RB1#38	3.98	13	PASS
				RB1#74	4.71	13	PASS
				RB36#0	5.67	13	PASS
				RB36#18	5.52	13	PASS
				RB36#39	5.55	13	PASS
				RB75#0	6.07	13	PASS
		20	LCH	RB1#0	4.02	13	PASS
				RB1#50	4.54	13	PASS
				RB1#99	4.23	13	PASS
				RB50#0	5.89	13	PASS
				RB50#25	6.03	13	PASS
				RB50#50	6.09	13	PASS
				RB100#0	6.34	13	PASS
			MCH	RB1#0	4.27	13	PASS
				RB1#50	4.39	13	PASS
				RB1#99	3.98	13	PASS
				RB50#0	5.91	13	PASS
				RB50#25	5.86	13	PASS
				RB50#50	5.78	13	PASS
				RB100#0	6.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2	5	HCH	RB1#0	3.92	13	PASS
				RB1#50	3.91	13	PASS
				RB1#99	3.63	13	PASS
				RB50#0	5.71	13	PASS
				RB50#25	5.48	13	PASS
				RB50#50	5.48	13	PASS
				RB100#0	5.94	13	PASS
			LCH	RB1#0	4.51	13	PASS
				RB1#13	4.4	13	PASS
				RB1#24	4.24	13	PASS
				RB12#0	5.86	13	PASS
				RB12#6	5.65	13	PASS
				RB12#13	6.07	13	PASS
				RB25#0	6.2	13	PASS
			MCH	RB1#0	5.05	13	PASS
				RB1#13	4.76	13	PASS
				RB1#24	4.47	13	PASS
				RB12#0	6.04	13	PASS
				RB12#6	5.82	13	PASS
				RB12#13	6.05	13	PASS
				RB25#0	6.44	13	PASS
			HCH	RB1#0	4.28	13	PASS
				RB1#13	3.92	13	PASS
				RB1#24	4.6	13	PASS
				RB12#0	5.7	13	PASS
				RB12#6	5.2	13	PASS
				RB12#13	5.48	13	PASS
				RB25#0	6.05	13	PASS
		10	LCH	RB1#0	4.34	13	PASS
				RB1#25	4.34	13	PASS
				RB1#49	4.85	13	PASS
				RB25#0	6.03	13	PASS
				RB25#13	5.81	13	PASS
				RB25#25	6.44	13	PASS
				RB50#0	6.53	13	PASS
			MCH	RB1#0	4.72	13	PASS
				RB1#25	4.37	13	PASS
				RB1#49	4.09	13	PASS
				RB25#0	6.22	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.83	13	PASS
				RB25#25	6.13	13	PASS
				RB50#0	6.5	13	PASS
			HCH	RB1#0	4.41	13	PASS
				RB1#25	4.03	13	PASS
				RB1#49	4.64	13	PASS
				RB25#0	5.97	13	PASS
				RB25#13	5.36	13	PASS
				RB25#25	5.56	13	PASS
				RB50#0	6.33	13	PASS
			LCH	RB1#0	4.89	13	PASS
				RB1#38	4.82	13	PASS
				RB1#74	5.31	13	PASS
				RB36#0	6.16	13	PASS
				RB36#18	6.21	13	PASS
				RB36#39	6.57	13	PASS
				RB75#0	6.66	13	PASS
		15	MCH	RB1#0	4.96	13	PASS
				RB1#38	4.68	13	PASS
				RB1#74	4.8	13	PASS
				RB36#0	6.4	13	PASS
				RB36#18	6.13	13	PASS
				RB36#39	6.17	13	PASS
				RB75#0	6.75	13	PASS
			HCH	RB1#0	4.54	13	PASS
				RB1#38	4.45	13	PASS
				RB1#74	5.13	13	PASS
				RB36#0	6	13	PASS
				RB36#18	5.77	13	PASS
				RB36#39	5.83	13	PASS
				RB75#0	6.51	13	PASS
		20	LCH	RB1#0	4.4	13	PASS
				RB1#50	5.07	13	PASS
				RB1#99	4.66	13	PASS
				RB50#0	6.35	13	PASS
				RB50#25	6.47	13	PASS
				RB50#50	6.48	13	PASS
				RB100#0	6.87	13	PASS
			MCH	RB1#0	4.73	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	4.77	13	PASS
				RB1#99	4.59	13	PASS
				RB50#0	6.36	13	PASS
				RB50#25	6.3	13	PASS
				RB50#50	6.21	13	PASS
				RB100#0	6.78	13	PASS
			HCH	RB1#0	4.33	13	PASS
				RB1#50	4.47	13	PASS
				RB1#99	3.85	13	PASS
				RB50#0	6.1	13	PASS
				RB50#25	5.85	13	PASS
				RB50#50	5.91	13	PASS
				RB100#0	6.45	13	PASS
BAND4	LTE/TM1	5	LCH	RB1#0	3.71	13	PASS
				RB1#13	3.64	13	PASS
				RB1#24	3.45	13	PASS
				RB12#0	5.15	13	PASS
				RB12#6	4.98	13	PASS
				RB12#13	5.3	13	PASS
				RB25#0	5.83	13	PASS
			MCH	RB1#0	4.03	13	PASS
				RB1#13	3.74	13	PASS
				RB1#24	3.59	13	PASS
				RB12#0	5.33	13	PASS
				RB12#6	5.13	13	PASS
				RB12#13	5.38	13	PASS
				RB25#0	5.59	13	PASS
			HCH	RB1#0	3.4	13	PASS
				RB1#13	3.28	13	PASS
				RB1#24	3	13	PASS
				RB12#0	4.94	13	PASS
				RB12#6	4.55	13	PASS
				RB12#13	4.73	13	PASS
				RB25#0	5.18	13	PASS
		10	LCH	RB1#0	3.73	13	PASS
				RB1#25	3.63	13	PASS
				RB1#49	3.78	13	PASS
				RB25#0	5.38	13	PASS
				RB25#13	5.13	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.52	13	PASS
				RB50#0	5.86	13	PASS
			MCH	RB1#0	4.09	13	PASS
				RB1#25	3.66	13	PASS
				RB1#49	3.75	13	PASS
				RB25#0	5.61	13	PASS
				RB25#13	5.28	13	PASS
				RB25#25	5.57	13	PASS
				RB50#0	5.92	13	PASS
			HCH	RB1#0	3.82	13	PASS
				RB1#25	3.18	13	PASS
				RB1#49	3.21	13	PASS
				RB25#0	5.09	13	PASS
				RB25#13	4.66	13	PASS
				RB25#25	5	13	PASS
				RB50#0	5.43	13	PASS
			LCH	RB1#0	3.81	13	PASS
				RB1#38	3.87	13	PASS
				RB1#74	4.37	13	PASS
				RB36#0	5.42	13	PASS
				RB36#18	5.3	13	PASS
				RB36#39	5.63	13	PASS
				RB75#0	6.03	13	PASS
			MCH	RB1#0	4.03	13	PASS
				RB1#38	3.72	13	PASS
				RB1#74	4.01	13	PASS
		15		RB36#0	5.73	13	PASS
				RB36#18	5.45	13	PASS
				RB36#39	5.73	13	PASS
				RB75#0	5.99	13	PASS
			HCH	RB1#0	3.94	13	PASS
				RB1#38	3.62	13	PASS
				RB1#74	3.75	13	PASS
				RB36#0	5.46	13	PASS
				RB36#18	5.03	13	PASS
				RB36#39	5.09	13	PASS
				RB75#0	5.76	13	PASS
		20	LCH	RB1#0	3.83	13	PASS
				RB1#50	4.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	3.94	13	PASS
				RB50#0	5.49	13	PASS
				RB50#25	5.56	13	PASS
				RB50#50	5.84	13	PASS
				RB100#0	6.06	13	PASS
			MCH	RB1#0	4.14	13	PASS
				RB1#50	4.09	13	PASS
				RB1#99	3.79	13	PASS
				RB50#0	5.7	13	PASS
				RB50#25	5.6	13	PASS
				RB50#50	5.72	13	PASS
				RB100#0	5.97	13	PASS
			HCH	RB1#0	4.07	13	PASS
				RB1#50	3.83	13	PASS
				RB1#99	3.67	13	PASS
				RB50#0	5.63	13	PASS
				RB50#25	5.36	13	PASS
				RB50#50	5.13	13	PASS
				RB100#0	5.75	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.53	13	PASS
				RB1#13	4.22	13	PASS
				RB1#24	4.1	13	PASS
				RB12#0	5.71	13	PASS
				RB12#6	5.4	13	PASS
				RB12#13	5.81	13	PASS
				RB25#0	6.33	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#13	4.31	13	PASS
				RB1#24	4.1	13	PASS
				RB12#0	5.93	13	PASS
				RB12#6	5.61	13	PASS
				RB12#13	5.91	13	PASS
				RB25#0	6.52	13	PASS
			HCH	RB1#0	3.88	13	PASS
				RB1#13	3.73	13	PASS
				RB1#24	3.51	13	PASS
				RB12#0	5.44	13	PASS
				RB12#6	4.97	13	PASS
				RB12#13	5.26	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.74	13	PASS
			LCH	RB1#0	4.27	13	PASS
				RB1#25	4.12	13	PASS
				RB1#49	4.29	13	PASS
				RB25#0	5.8	13	PASS
				RB25#13	5.51	13	PASS
				RB25#25	5.96	13	PASS
				RB50#0	6.25	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#25	4.2	13	PASS
				RB1#49	4.28	13	PASS
		10		RB25#0	6.14	13	PASS
				RB25#13	5.74	13	PASS
				RB25#25	6.09	13	PASS
				RB50#0	6.3	13	PASS
			HCH	RB1#0	4.47	13	PASS
				RB1#25	3.87	13	PASS
				RB1#49	3.76	13	PASS
				RB25#0	5.64	13	PASS
				RB25#13	5.12	13	PASS
				RB25#25	5.45	13	PASS
				RB50#0	6.11	13	PASS
			LCH	RB1#0	4.53	13	PASS
				RB1#38	4.33	13	PASS
				RB1#74	4.86	13	PASS
				RB36#0	5.95	13	PASS
				RB36#18	5.84	13	PASS
				RB36#39	6.14	13	PASS
				RB75#0	6.69	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#38	4.37	13	PASS
		15		RB1#74	4.85	13	PASS
				RB36#0	6.22	13	PASS
				RB36#18	5.93	13	PASS
				RB36#39	6.27	13	PASS
				RB75#0	6.65	13	PASS
			HCH	RB1#0	4.44	13	PASS
				RB1#38	4.07	13	PASS
				RB1#74	4.05	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB36#0	5.89	13	PASS
				RB36#18	5.43	13	PASS
				RB36#39	5.46	13	PASS
				RB75#0	6.2	13	PASS
			LCH	RB1#0	4.22	13	PASS
				RB1#50	4.45	13	PASS
				RB1#99	4.3	13	PASS
				RB50#0	6.06	13	PASS
				RB50#25	6.06	13	PASS
				RB50#50	6.38	13	PASS
				RB100#0	6.59	13	PASS
		20	MCH	RB1#0	4.58	13	PASS
				RB1#50	4.36	13	PASS
				RB1#99	4.3	13	PASS
				RB50#0	6.3	13	PASS
				RB50#25	6.12	13	PASS
				RB50#50	6.35	13	PASS
				RB100#0	6.73	13	PASS
			HCH	RB1#0	4.41	13	PASS
				RB1#50	4.34	13	PASS
				RB1#99	3.84	13	PASS
				RB50#0	6.14	13	PASS
				RB50#25	5.89	13	PASS
				RB50#50	5.62	13	PASS
				RB100#0	6.31	13	PASS
BAND5	LTE/TM1	5	LCH	RB1#0	4.56	13	PASS
				RB1#13	4.13	13	PASS
				RB1#24	3.84	13	PASS
				RB12#0	5.72	13	PASS
				RB12#6	5.57	13	PASS
				RB12#13	5.68	13	PASS
				RB25#0	5.86	13	PASS
			MCH	RB1#0	4.44	13	PASS
				RB1#13	4.13	13	PASS
				RB1#24	3.89	13	PASS
				RB12#0	5.95	13	PASS
				RB12#6	5.72	13	PASS
				RB12#13	5.81	13	PASS
				RB25#0	5.98	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.37	13	PASS
				RB1#13	4.18	13	PASS
				RB1#24	3.89	13	PASS
				RB12#0	5.84	13	PASS
				RB12#6	5.58	13	PASS
				RB12#13	5.74	13	PASS
				RB25#0	6.03	13	PASS
			LCH	RB1#0	4.36	13	PASS
				RB1#25	4.1	13	PASS
				RB1#49	4.29	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	5.67	13	PASS
				RB25#25	6.02	13	PASS
				RB50#0	6.18	13	PASS
		10	MCH	RB1#0	4.39	13	PASS
				RB1#25	4.24	13	PASS
				RB1#49	4.23	13	PASS
				RB25#0	6.16	13	PASS
				RB25#13	5.88	13	PASS
				RB25#25	6.19	13	PASS
				RB50#0	6.21	13	PASS
			HCH	RB1#0	4.54	13	PASS
				RB1#25	4.43	13	PASS
				RB1#49	4.24	13	PASS
				RB25#0	6.18	13	PASS
				RB25#13	5.94	13	PASS
				RB25#25	6	13	PASS
				RB50#0	6.11	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.23	13	PASS
				RB1#13	4.92	13	PASS
				RB1#24	4.68	13	PASS
				RB12#0	6.41	13	PASS
				RB12#6	6.17	13	PASS
				RB12#13	6.34	13	PASS
				RB25#0	6.85	13	PASS
			MCH	RB1#0	5.37	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	4.82	13	PASS
				RB12#0	6.47	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#6	6.24	13	PASS
				RB12#13	6.36	13	PASS
				RB25#0	7.27	13	PASS
			HCH	RB1#0	5.15	13	PASS
				RB1#13	4.95	13	PASS
				RB1#24	4.67	13	PASS
				RB12#0	6.5	13	PASS
				RB12#6	6.13	13	PASS
				RB12#13	6.32	13	PASS
				RB25#0	6.68	13	PASS
		10	LCH	RB1#0	5.02	13	PASS
				RB1#25	4.72	13	PASS
				RB1#49	4.96	13	PASS
				RB25#0	6.5	13	PASS
				RB25#13	6.21	13	PASS
				RB25#25	6.62	13	PASS
				RB50#0	6.74	13	PASS
			MCH	RB1#0	5.4	13	PASS
				RB1#25	5.11	13	PASS
				RB1#49	5.19	13	PASS
				RB25#0	6.81	13	PASS
				RB25#13	6.57	13	PASS
				RB25#25	6.84	13	PASS
				RB50#0	6.79	13	PASS
			HCH	RB1#0	5.06	13	PASS
				RB1#25	5.03	13	PASS
				RB1#49	4.97	13	PASS
				RB25#0	7	13	PASS
				RB25#13	6.75	13	PASS
				RB25#25	6.83	13	PASS
				RB50#0	7	13	PASS
BAND7	LTE/TM1	5	LCH	RB1#0	3.96	13	PASS
				RB1#13	3.54	13	PASS
				RB1#24	3.57	13	PASS
				RB12#0	5.04	13	PASS
				RB12#6	4.67	13	PASS
				RB12#13	5.05	13	PASS
				RB25#0	5.41	13	PASS
			MCH	RB1#0	4.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#13	3.9	13	PASS
				RB1#24	3.95	13	PASS
				RB12#0	5.29	13	PASS
				RB12#6	5.02	13	PASS
				RB12#13	5.22	13	PASS
				RB25#0	5.5	13	PASS
			HCH	RB1#0	3.95	13	PASS
				RB1#13	3.77	13	PASS
				RB1#24	3.77	13	PASS
				RB12#0	5.06	13	PASS
				RB12#6	4.81	13	PASS
				RB12#13	5.09	13	PASS
				RB25#0	5.55	13	PASS
			LCH	RB1#0	3.7	13	PASS
				RB1#25	3.52	13	PASS
				RB1#49	3.71	13	PASS
				RB25#0	5.38	13	PASS
				RB25#13	5.06	13	PASS
				RB25#25	5.46	13	PASS
				RB50#0	5.7	13	PASS
		10	MCH	RB1#0	4.12	13	PASS
				RB1#25	3.85	13	PASS
				RB1#49	4.06	13	PASS
				RB25#0	5.61	13	PASS
				RB25#13	5.28	13	PASS
				RB25#25	5.64	13	PASS
				RB50#0	5.69	13	PASS
			HCH	RB1#0	3.97	13	PASS
				RB1#25	3.73	13	PASS
				RB1#49	3.85	13	PASS
				RB25#0	5.33	13	PASS
				RB25#13	4.91	13	PASS
				RB25#25	5.26	13	PASS
				RB50#0	5.56	13	PASS
		15	LCH	RB1#0	3.61	13	PASS
				RB1#38	3.67	13	PASS
				RB1#74	4.08	13	PASS
				RB36#0	5.34	13	PASS
				RB36#18	5.21	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB36#39	5.6	13	PASS
				RB75#0	5.94	13	PASS
			MCH	RB1#0	3.85	13	PASS
				RB1#38	3.81	13	PASS
				RB1#74	4.16	13	PASS
				RB36#0	5.59	13	PASS
				RB36#18	5.42	13	PASS
				RB36#39	5.71	13	PASS
				RB75#0	5.87	13	PASS
			HCH	RB1#0	4.17	13	PASS
				RB1#38	3.78	13	PASS
				RB1#74	4.22	13	PASS
				RB36#0	5.45	13	PASS
				RB36#18	5.05	13	PASS
				RB36#39	5.25	13	PASS
				RB75#0	5.87	13	PASS
			LCH	RB1#0	4	13	PASS
				RB1#50	4.21	13	PASS
				RB1#99	4.18	13	PASS
				RB50#0	5.5	13	PASS
				RB50#25	5.4	13	PASS
				RB50#50	5.62	13	PASS
				RB100#0	5.94	13	PASS
		20	MCH	RB1#0	4.17	13	PASS
				RB1#50	4.35	13	PASS
				RB1#99	4.28	13	PASS
				RB50#0	5.63	13	PASS
				RB50#25	5.61	13	PASS
				RB50#50	5.85	13	PASS
				RB100#0	6.12	13	PASS
			HCH	RB1#0	4.46	13	PASS
				RB1#50	4.23	13	PASS
				RB1#99	4.18	13	PASS
				RB50#0	5.7	13	PASS
				RB50#25	5.59	13	PASS
				RB50#50	5.65	13	PASS
				RB100#0	5.88	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.3	13	PASS
				RB1#13	3.82	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#24	3.88	13	PASS
				RB12#0	5.27	13	PASS
				RB12#6	4.91	13	PASS
				RB12#13	5.25	13	PASS
				RB25#0	5.87	13	PASS
			MCH	RB1#0	4.61	13	PASS
				RB1#13	4.32	13	PASS
				RB1#24	4.29	13	PASS
				RB12#0	5.58	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.57	13	PASS
				RB25#0	6.01	13	PASS
			HCH	RB1#0	4.2	13	PASS
				RB1#13	3.89	13	PASS
				RB1#24	4.02	13	PASS
				RB12#0	5.47	13	PASS
				RB12#6	5.14	13	PASS
				RB12#13	5.59	13	PASS
				RB25#0	6.1	13	PASS
		10	LCH	RB1#0	3.96	13	PASS
				RB1#25	3.75	13	PASS
				RB1#49	4.05	13	PASS
				RB25#0	5.55	13	PASS
				RB25#13	5.18	13	PASS
				RB25#25	5.65	13	PASS
				RB50#0	6.01	13	PASS
			MCH	RB1#0	4.5	13	PASS
				RB1#25	4.02	13	PASS
				RB1#49	4.36	13	PASS
				RB25#0	5.79	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.89	13	PASS
				RB50#0	6.11	13	PASS
			HCH	RB1#0	4.26	13	PASS
				RB1#25	3.9	13	PASS
				RB1#49	4.31	13	PASS
				RB25#0	5.69	13	PASS
				RB25#13	5.14	13	PASS
				RB25#25	5.59	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.05	13	PASS
		15	LCH	RB1#0	3.99	13	PASS
				RB1#38	3.63	13	PASS
				RB1#74	4.31	13	PASS
				RB36#0	5.33	13	PASS
				RB36#18	5.15	13	PASS
				RB36#39	5.59	13	PASS
				RB75#0	6.1	13	PASS
			MCH	RB1#0	4.54	13	PASS
				RB1#38	4.31	13	PASS
				RB1#74	4.76	13	PASS
				RB36#0	5.74	13	PASS
				RB36#18	5.6	13	PASS
				RB36#39	6	13	PASS
				RB75#0	6.29	13	PASS
			HCH	RB1#0	4.37	13	PASS
				RB1#38	3.9	13	PASS
				RB1#74	4.4	13	PASS
				RB36#0	5.71	13	PASS
				RB36#18	5.22	13	PASS
				RB36#39	5.47	13	PASS
				RB75#0	6.08	13	PASS
		20	LCH	RB1#0	4.29	13	PASS
				RB1#50	4.24	13	PASS
				RB1#99	4.24	13	PASS
				RB50#0	5.92	13	PASS
				RB50#25	5.84	13	PASS
				RB50#50	6.02	13	PASS
				RB100#0	6.41	13	PASS
			MCH	RB1#0	4.46	13	PASS
				RB1#50	4.45	13	PASS
				RB1#99	4.7	13	PASS
				RB50#0	5.93	13	PASS
				RB50#25	5.9	13	PASS
				RB50#50	6.1	13	PASS
				RB100#0	6.71	13	PASS
			HCH	RB1#0	4.42	13	PASS
				RB1#50	4.16	13	PASS
				RB1#99	4.27	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.9	13	PASS
				RB50#25	5.77	13	PASS
				RB50#50	5.93	13	PASS
				RB100#0	6.49	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
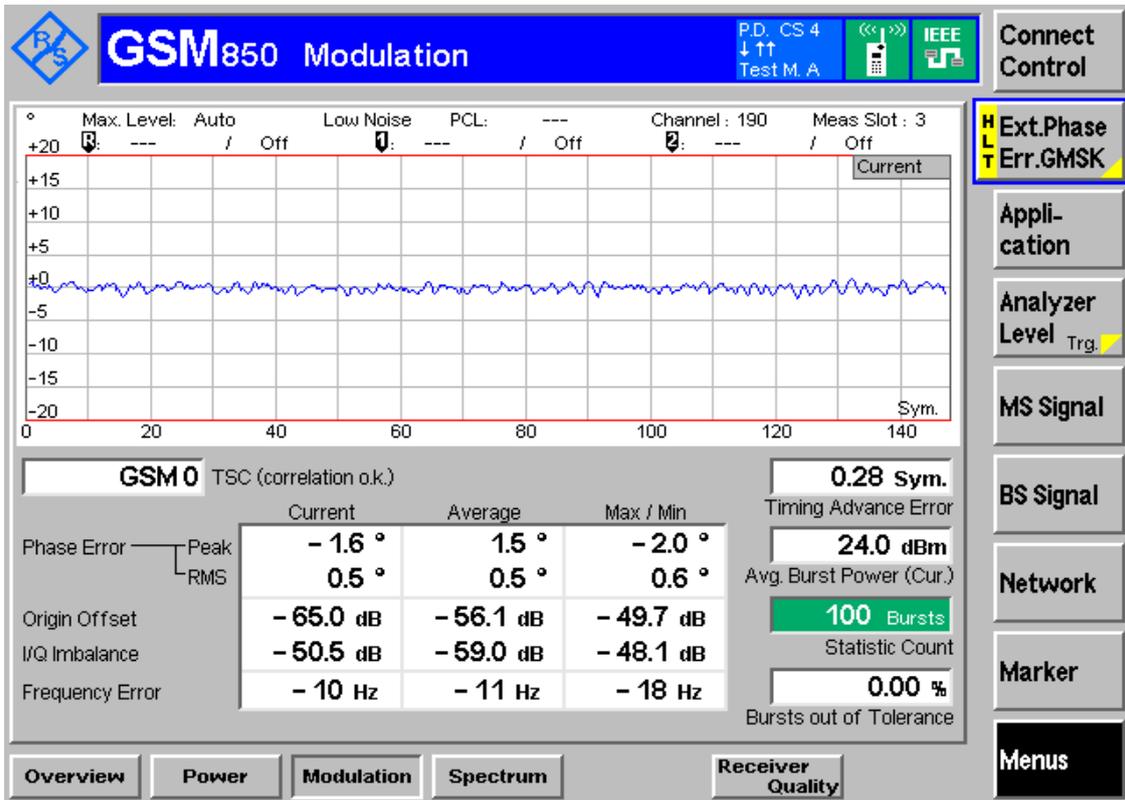
3.1.1.2 Test Mode = GSM/TM2

3.1.1.2.1 Test Channel = MCH
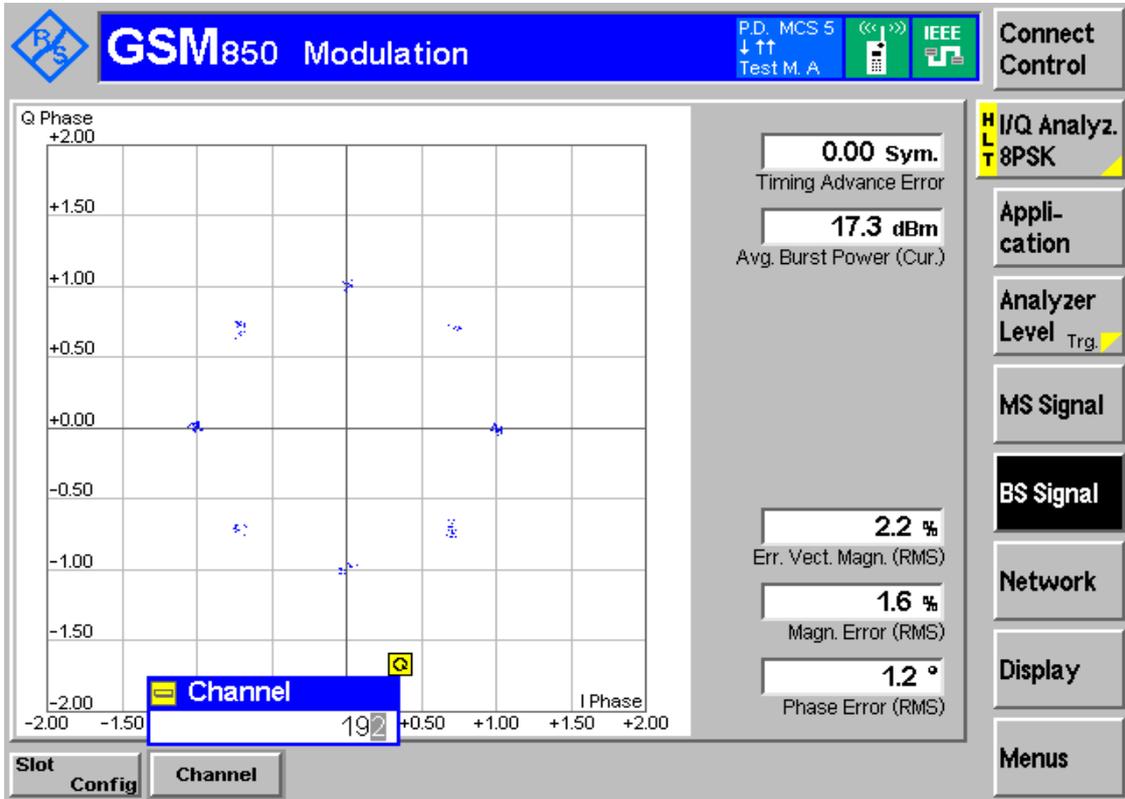
3.1.2 Test Band = GSM1900

3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH
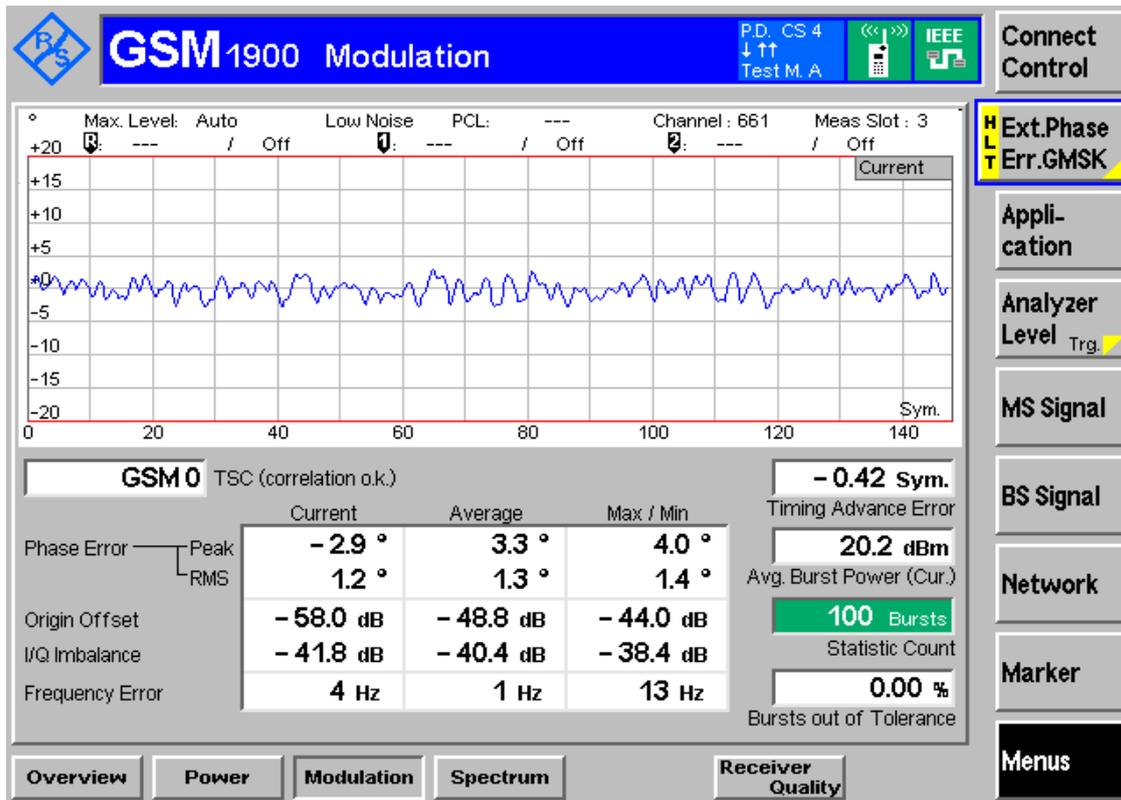
3.1.2.2 Test Mode = GSM/TM2

3.1.2.2.1 Test Channel = MCH
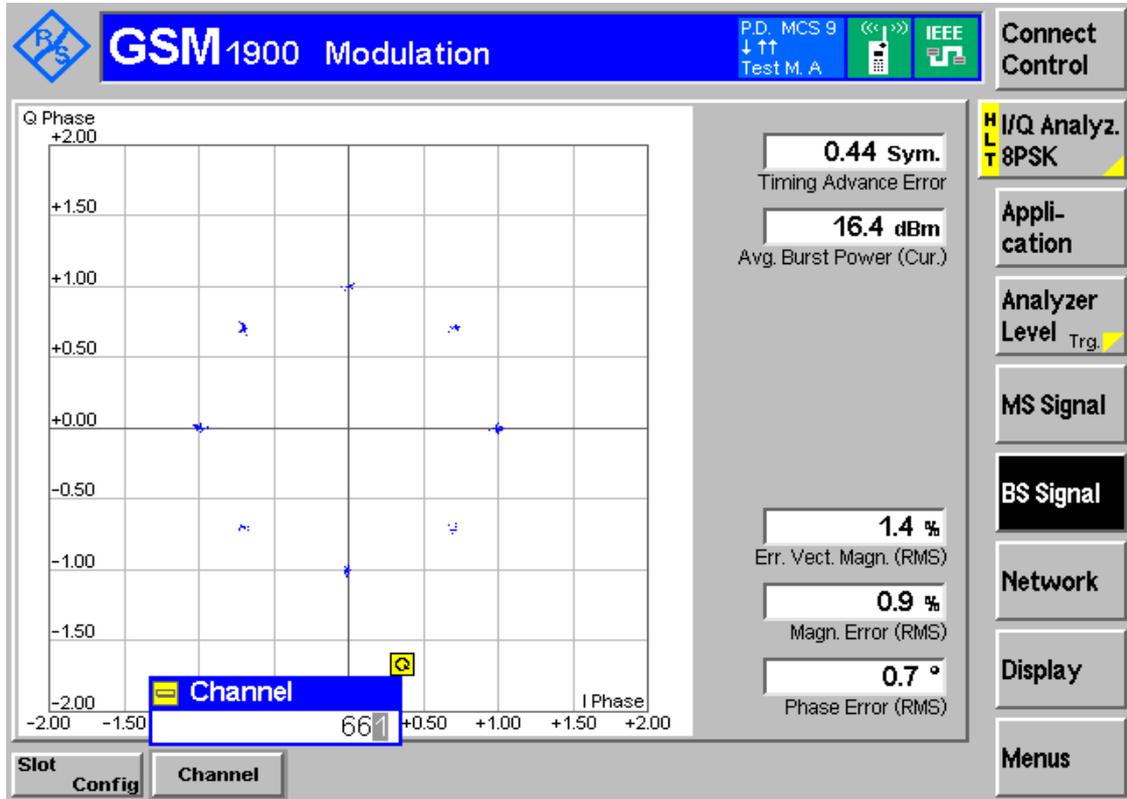
3.2 For UMTS

3.2.1 Test Band = WCDMA850

3.2.1.1 Test Mode = UMTS/TM1

3.2.1.1.1 Test Channel = MCH
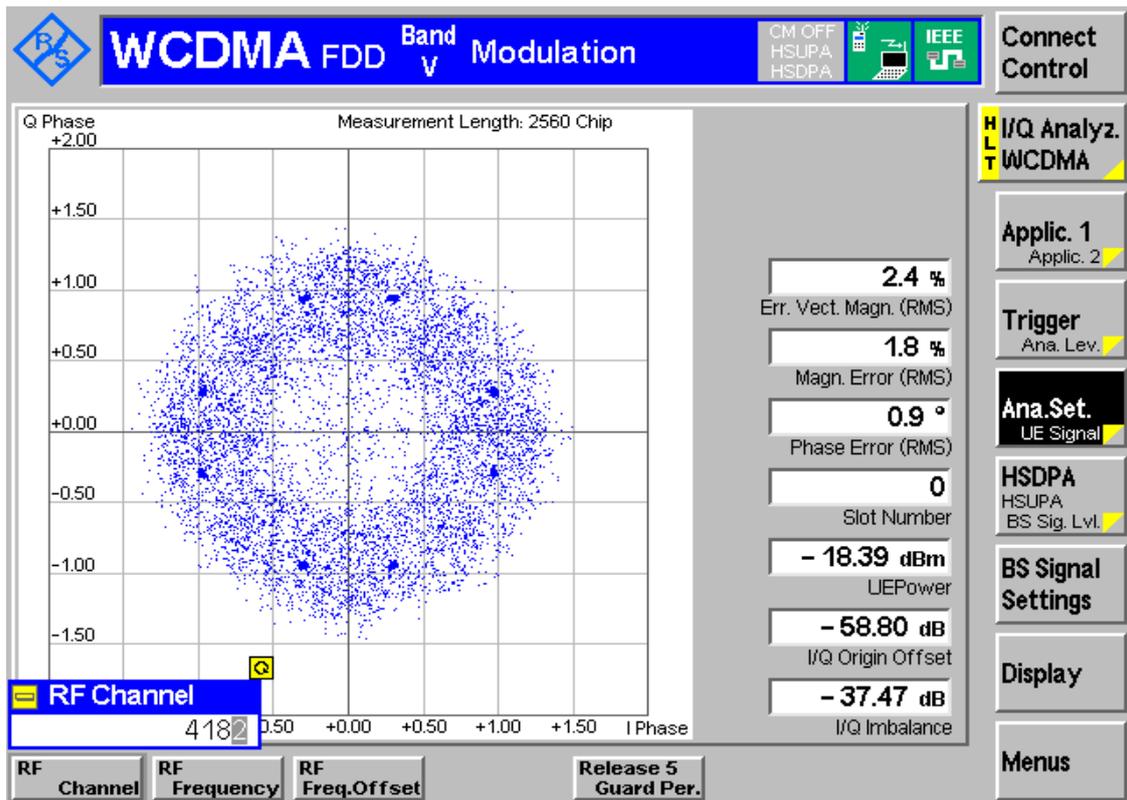
3.2.2 Test Band = WCDMA1900

3.2.2.1 Test Mode = UMTS/TM1

3.2.2.1.1 Test Channel = MCH
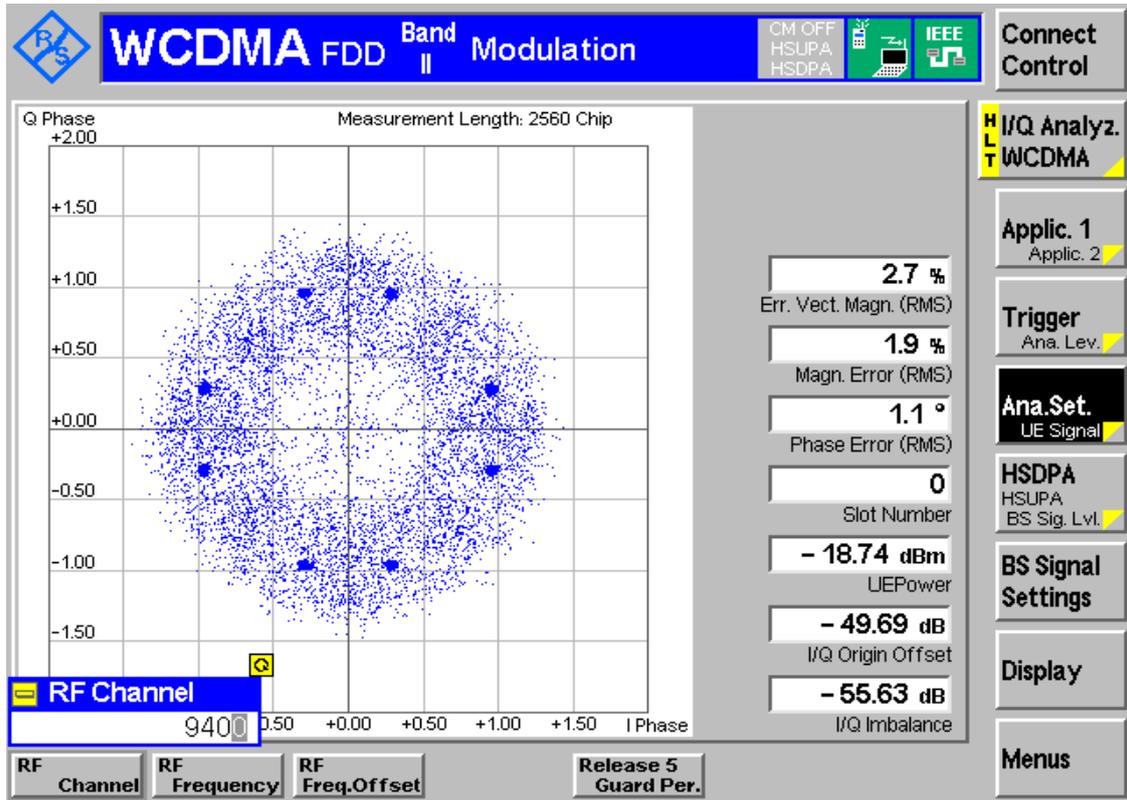
3.2.3 Test Band = WCDMA1700

3.2.3.1 Test Mode = UMTS/TM1

3.2.3.1.1 Test Channel = MCH
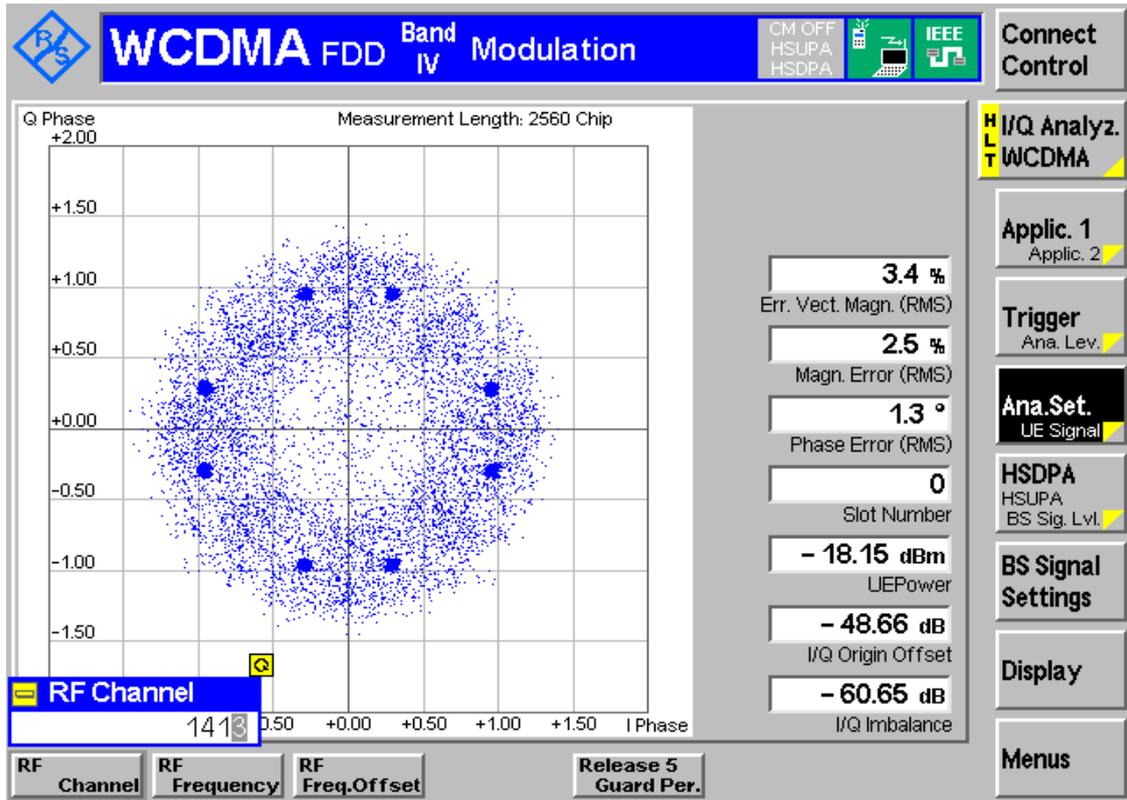
3.3 For LTE

3.3.1 Test Band = BAND2

3.3.1.1 Test Mode = LTE/TM1

3.3.1.1.1 Test Bandwidth = 5

3.3.1.1.1.1 Test Channel = MCH

3.3.1.1.1.1.1 Test RB = RB25#0
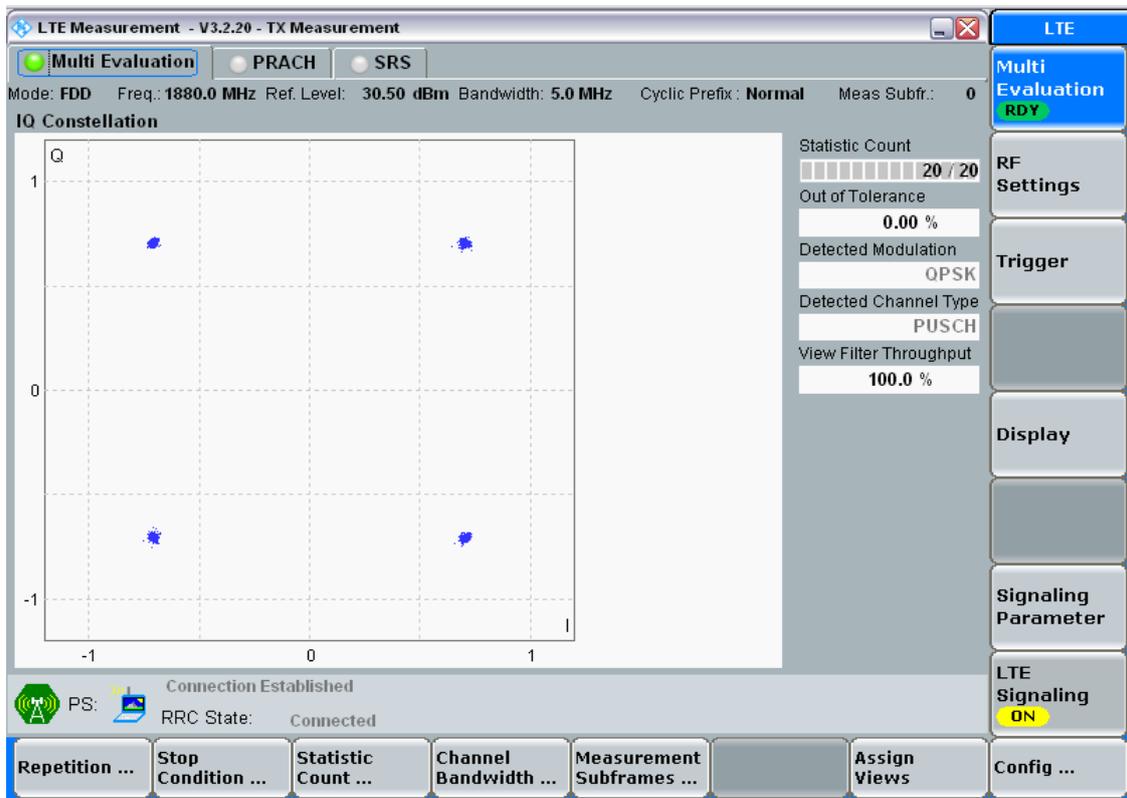
3.3.1.1.2 Test Bandwidth = 10

3.3.1.1.2.1 Test Channel = MCH

3.3.1.1.2.1.1 Test RB = RB50#0
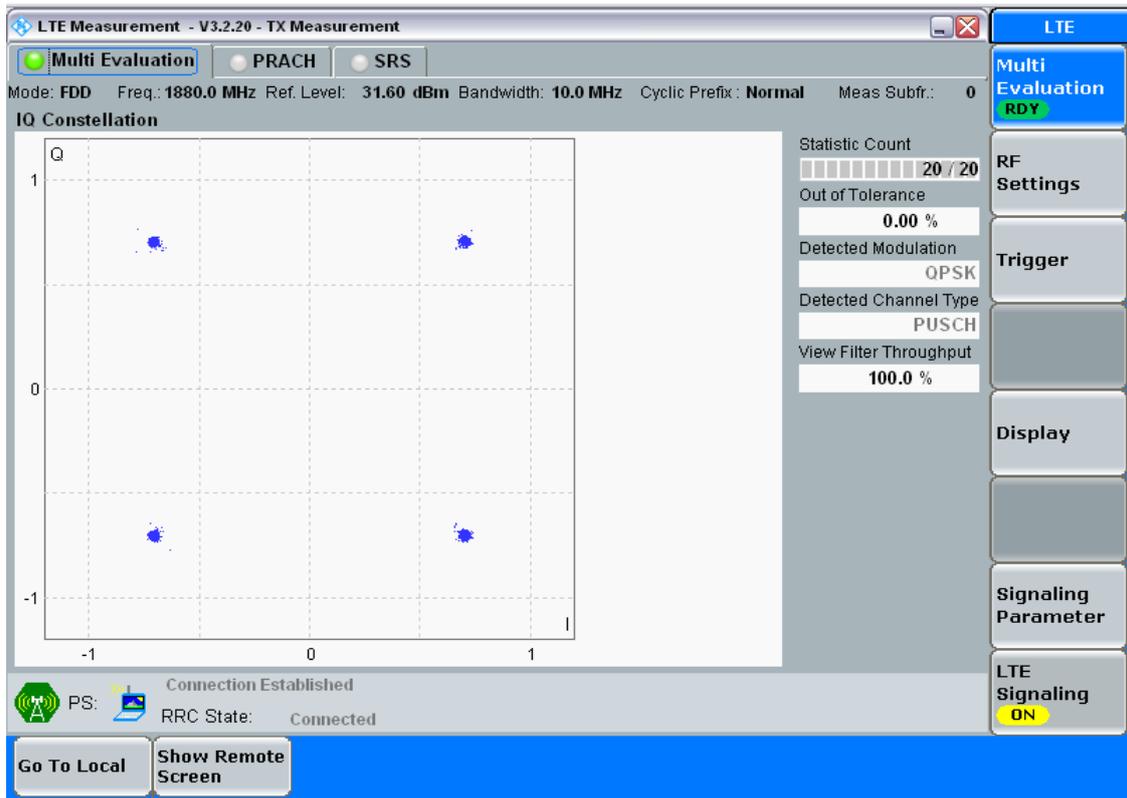
3.3.1.1.3 Test Bandwidth = 15

3.3.1.1.3.1 Test Channel = MCH

3.3.1.1.3.1.1 Test RB = RB75#0
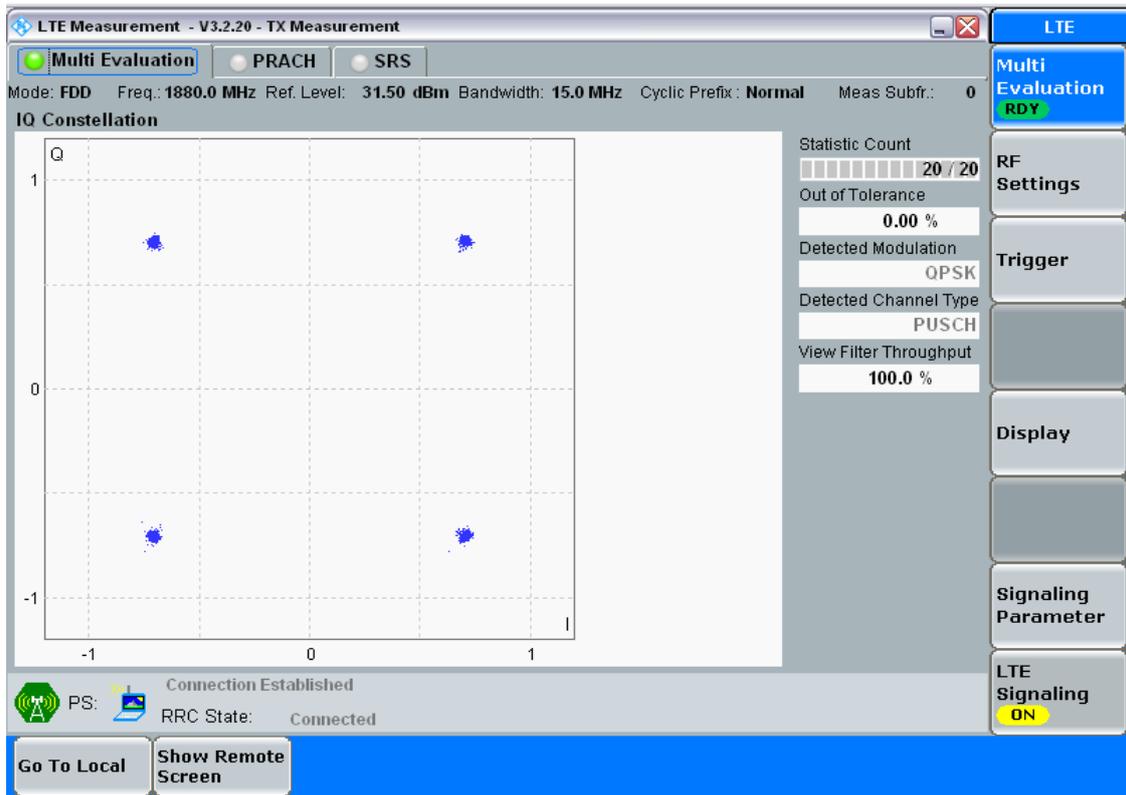
3.3.1.1.4 Test Bandwidth = 20

3.3.1.1.4.1 Test Channel = MCH

3.3.1.1.4.1.1 Test RB = RB100#0
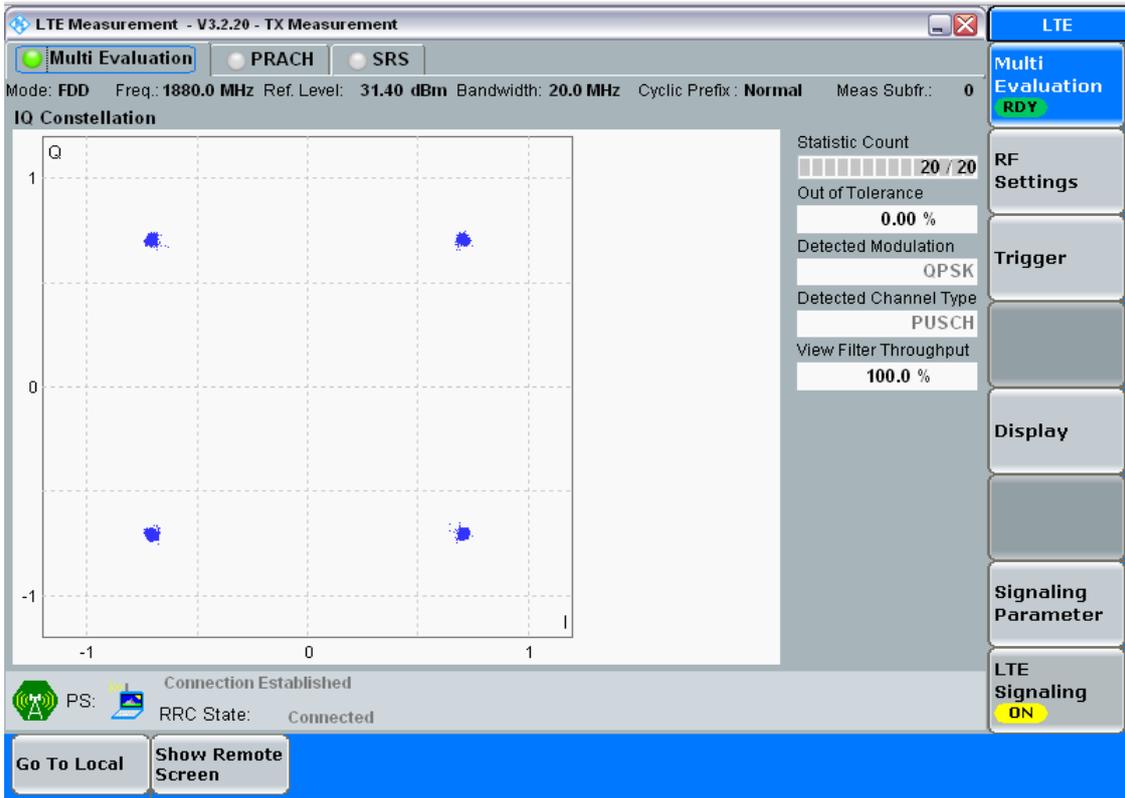
3.3.1.2 Test Mode = LTE/TM2

3.3.1.2.1 Test Bandwidth = 5

3.3.1.2.1.1 Test Channel = MCH

3.3.1.2.1.1.1 Test RB = RB25#0
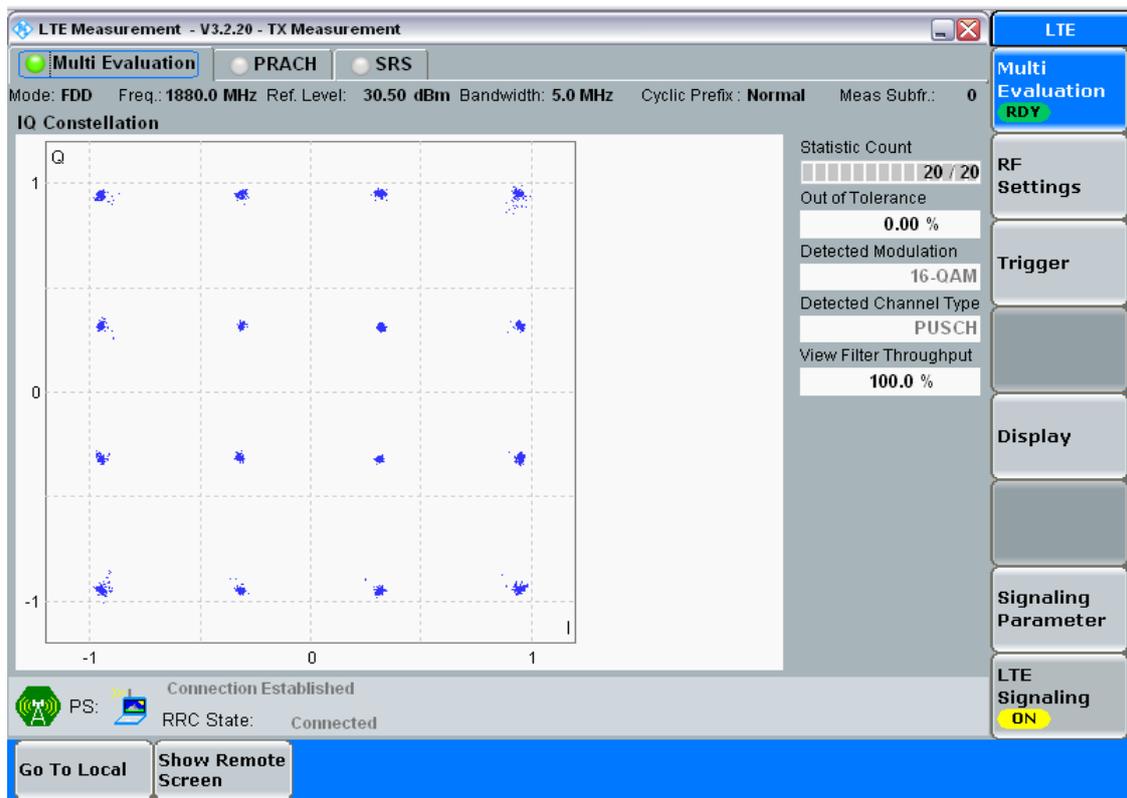
3.3.1.2.2 Test Bandwidth = 10

3.3.1.2.2.1 Test Channel = MCH

3.3.1.2.2.1.1 Test RB = RB50#0
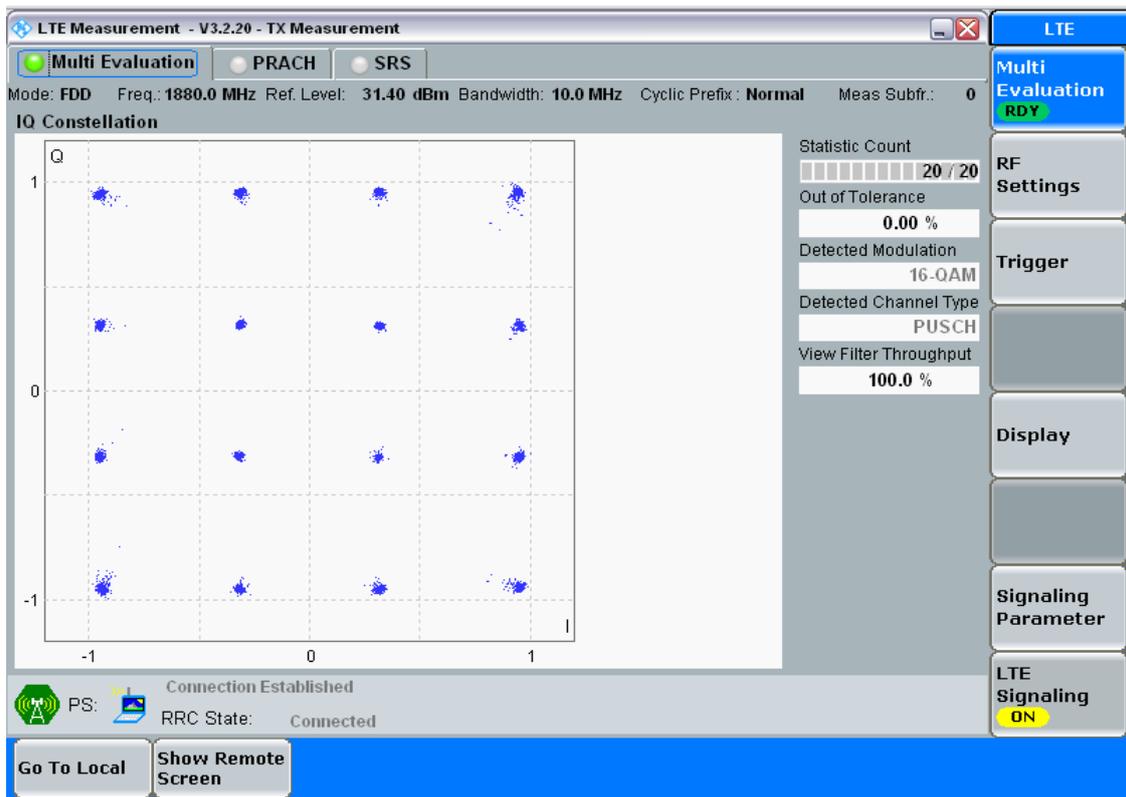
3.3.1.2.3 Test Bandwidth = 15

3.3.1.2.3.1 Test Channel = MCH

3.3.1.2.3.1.1 Test RB = RB75#0
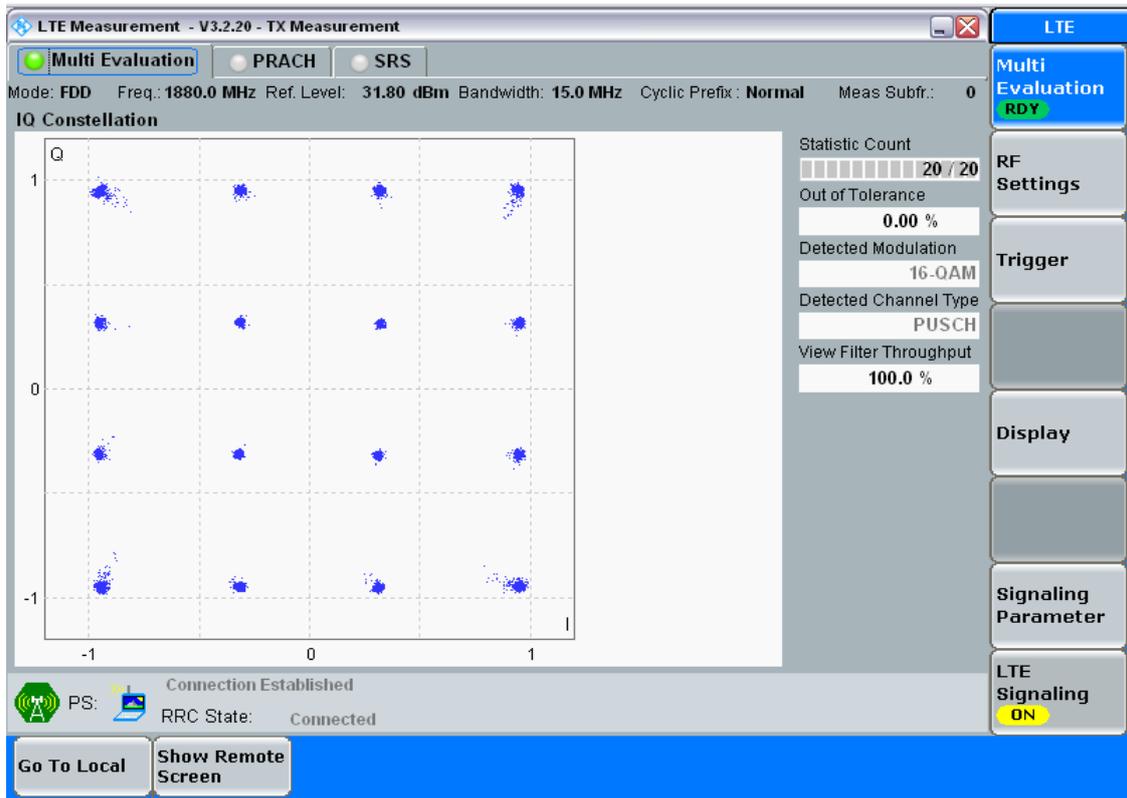
3.3.1.2.4 Test Bandwidth = 20

3.3.1.2.4.1 Test Channel = MCH

3.3.1.2.4.1.1 Test RB = RB100#0
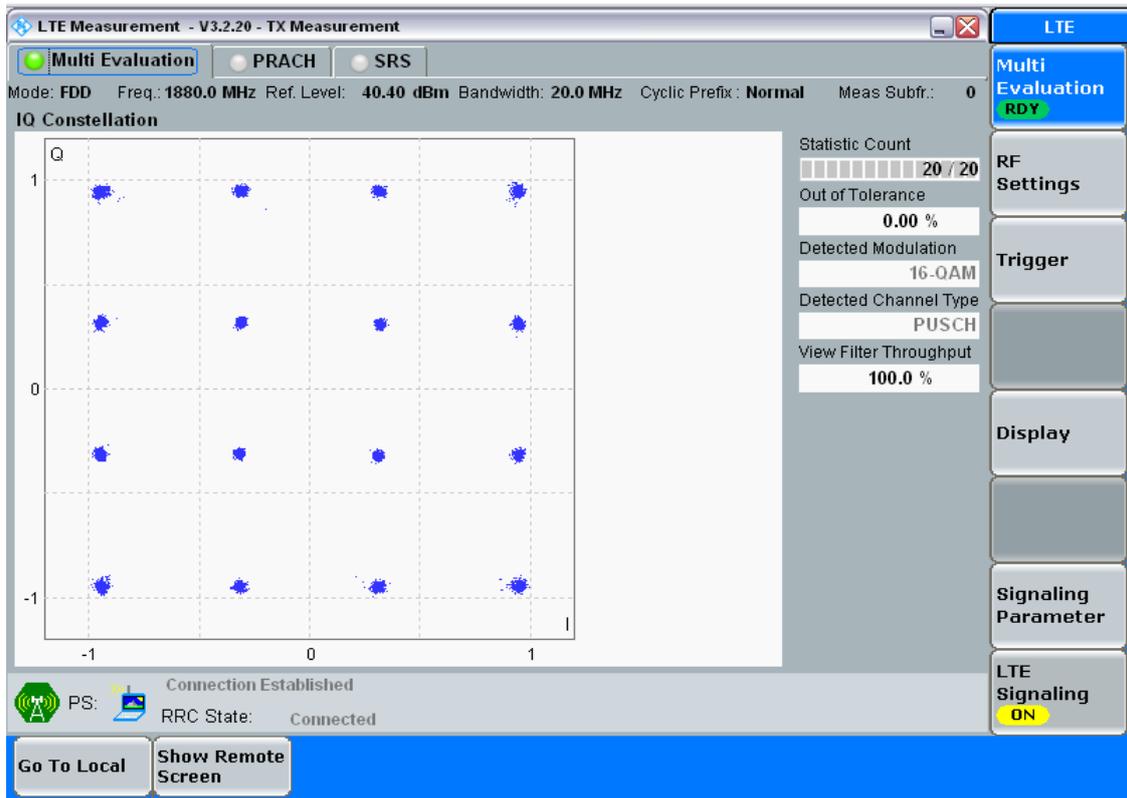
3.3.2 Test Band = BAND4

3.3.2.1 Test Mode = LTE/TM1

3.3.2.1.1 Test Bandwidth = 5

3.3.2.1.1.1 Test Channel = MCH

3.3.2.1.1.1.1 Test RB = RB25#0
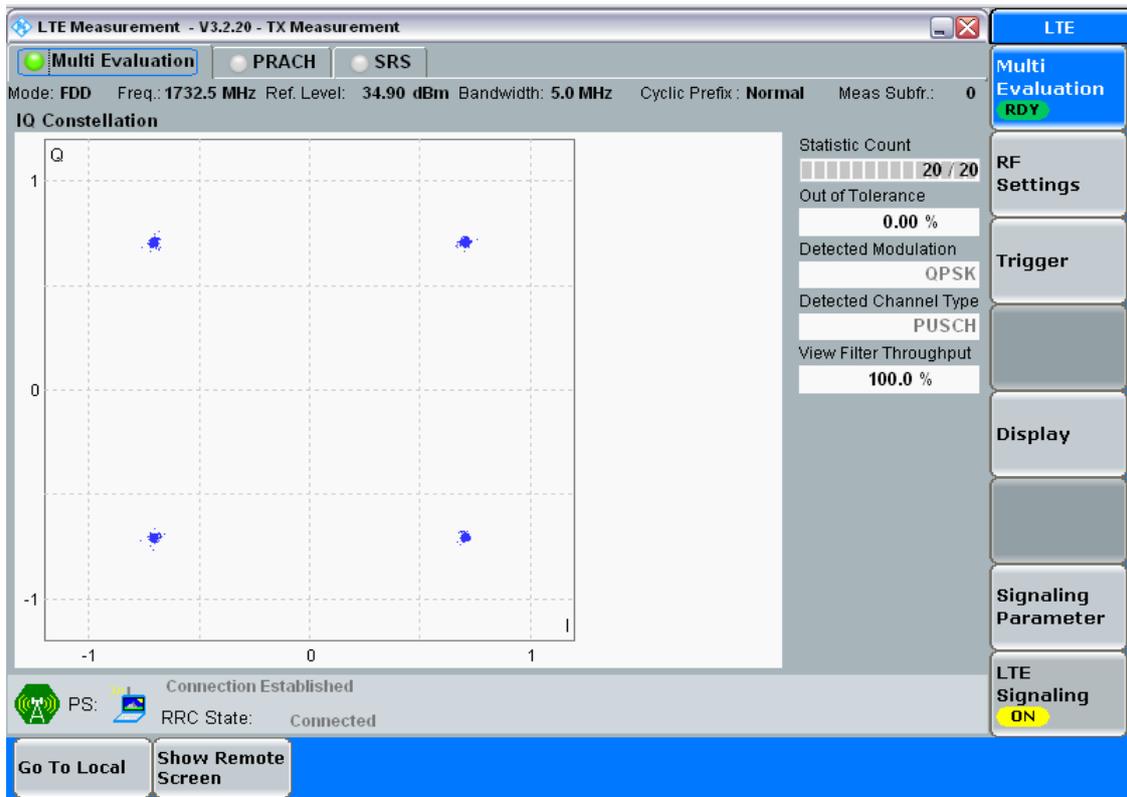
3.3.2.1.2 Test Bandwidth = 10

3.3.2.1.2.1 Test Channel = MCH

3.3.2.1.2.1.1 Test RB = RB50#0
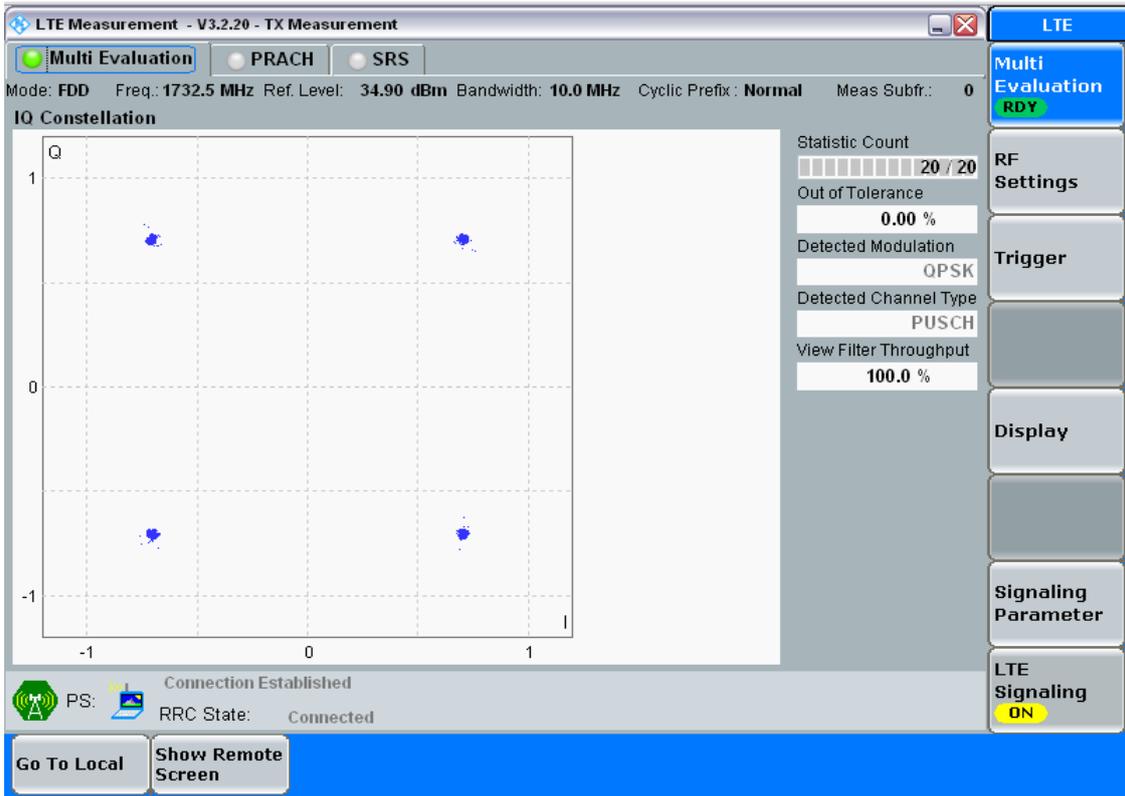
3.3.2.1.3 Test Bandwidth = 15

3.3.2.1.3.1 Test Channel = MCH

3.3.2.1.3.1.1 Test RB = RB75#0
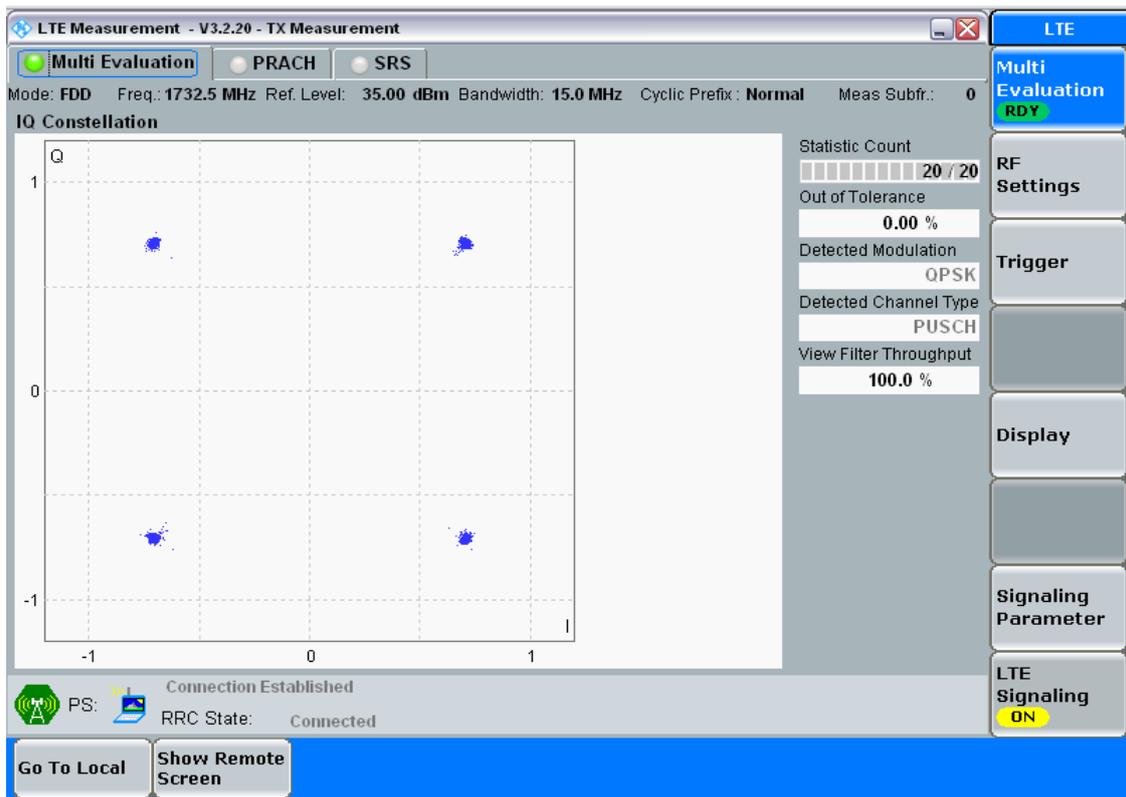
3.3.2.1.4 Test Bandwidth = 20

3.3.2.1.4.1 Test Channel = MCH

3.3.2.1.4.1.1 Test RB = RB100#0
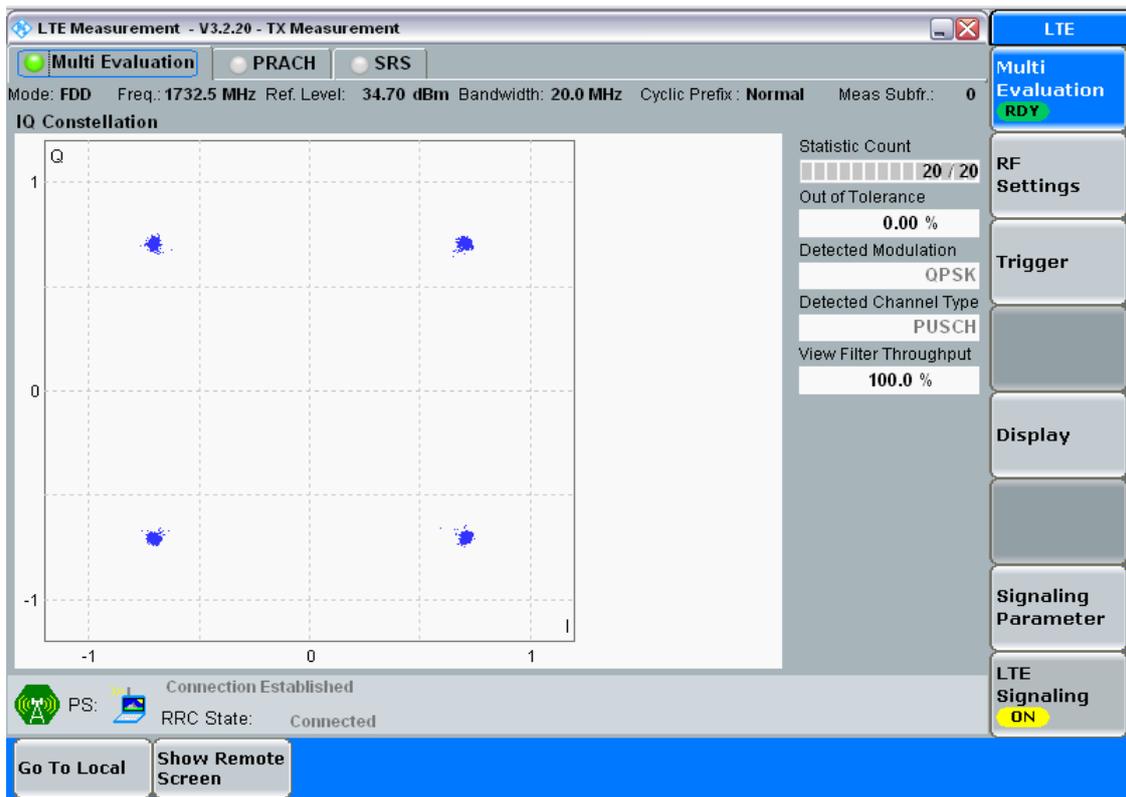
3.3.2.2 Test Mode = LTE/TM2

3.3.2.2.1 Test Bandwidth = 5

3.3.2.2.1.1 Test Channel = MCH

3.3.2.2.1.1.1 Test RB = RB25#0
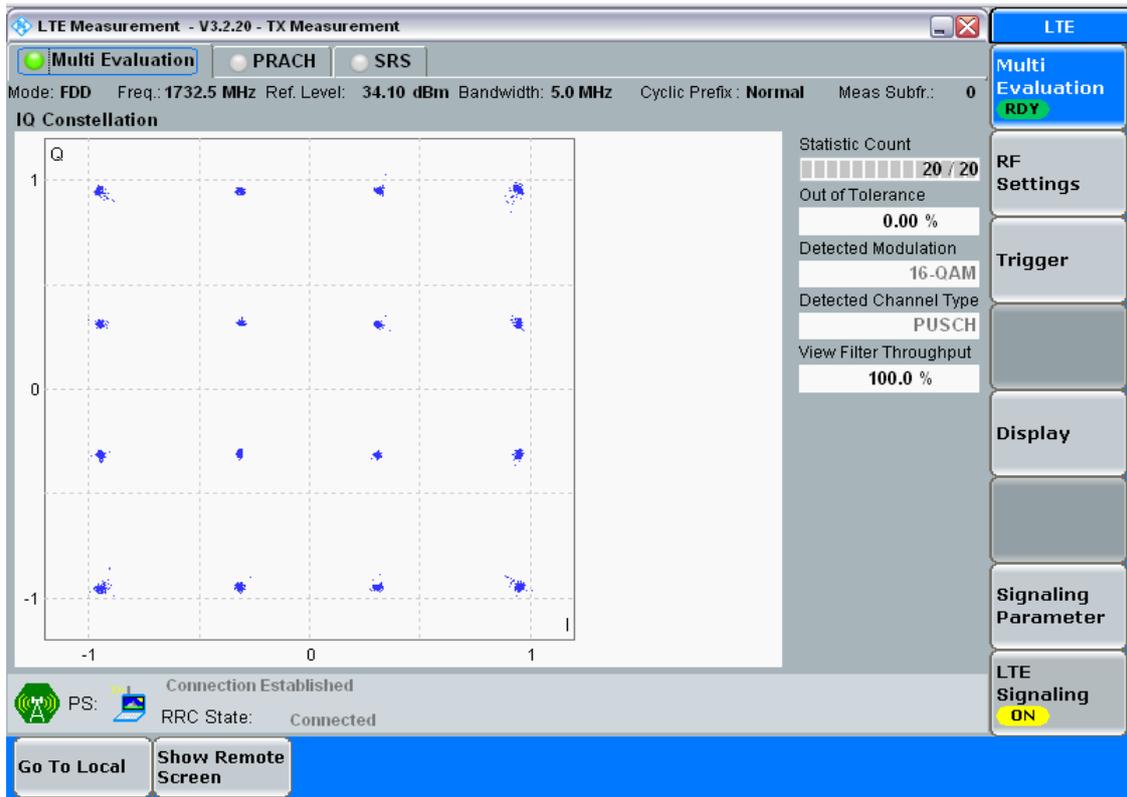
3.3.2.2.2 Test Bandwidth = 10

3.3.2.2.2.1 Test Channel = MCH

3.3.2.2.2.1.1 Test RB = RB50#0
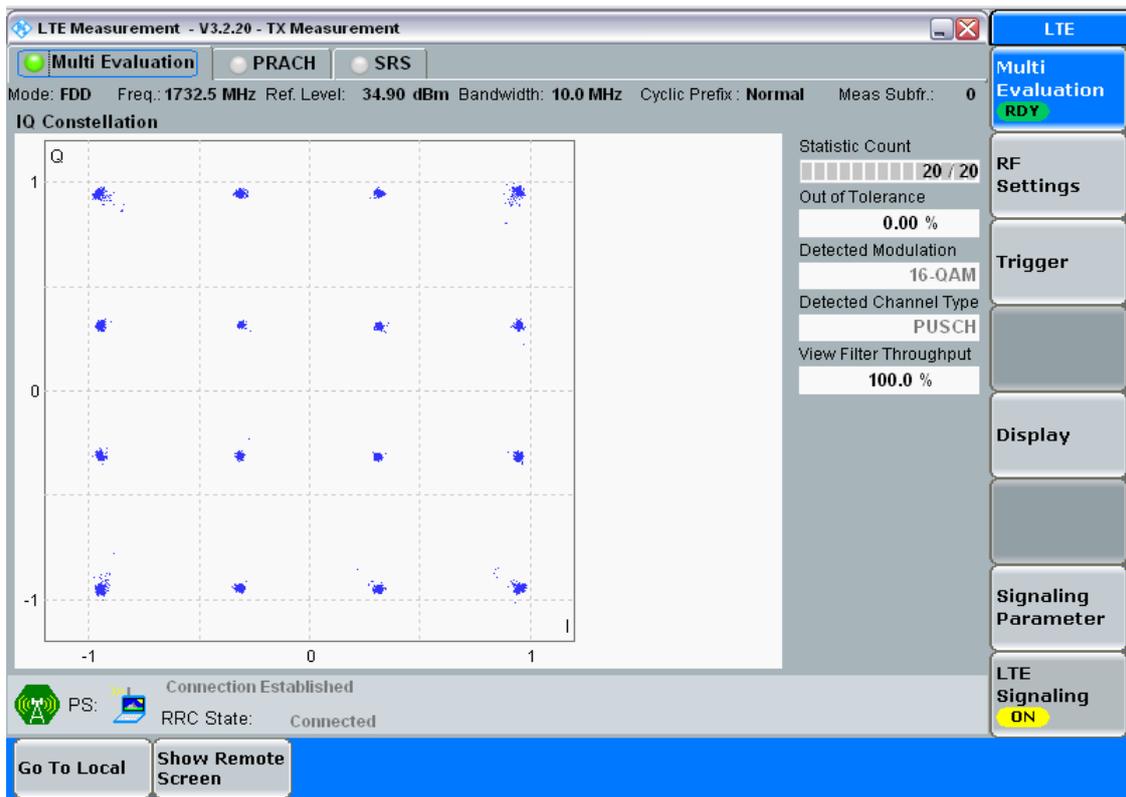
3.3.2.2.3 Test Bandwidth = 15

3.3.2.2.3.1 Test Channel = MCH

3.3.2.2.3.1.1 Test RB = RB75#0
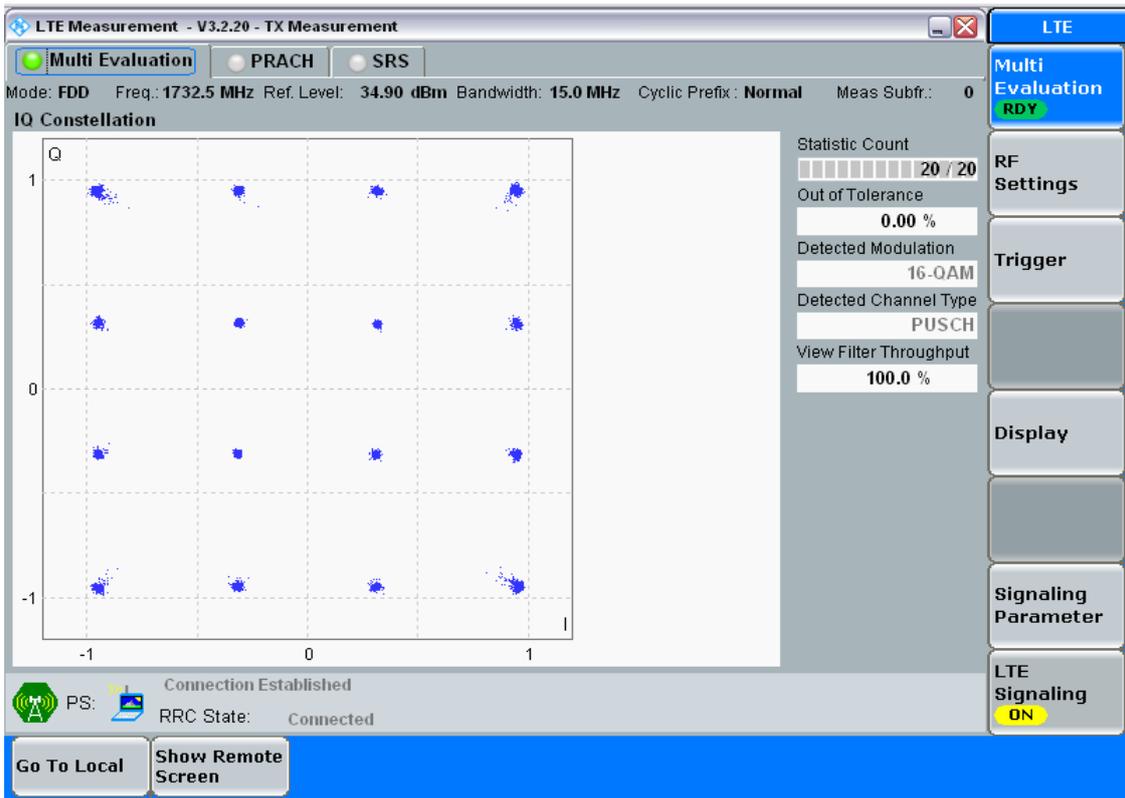
3.3.2.2.4 Test Bandwidth = 20

3.3.2.2.4.1 Test Channel = MCH

3.3.2.2.4.1.1 Test RB = RB100#0
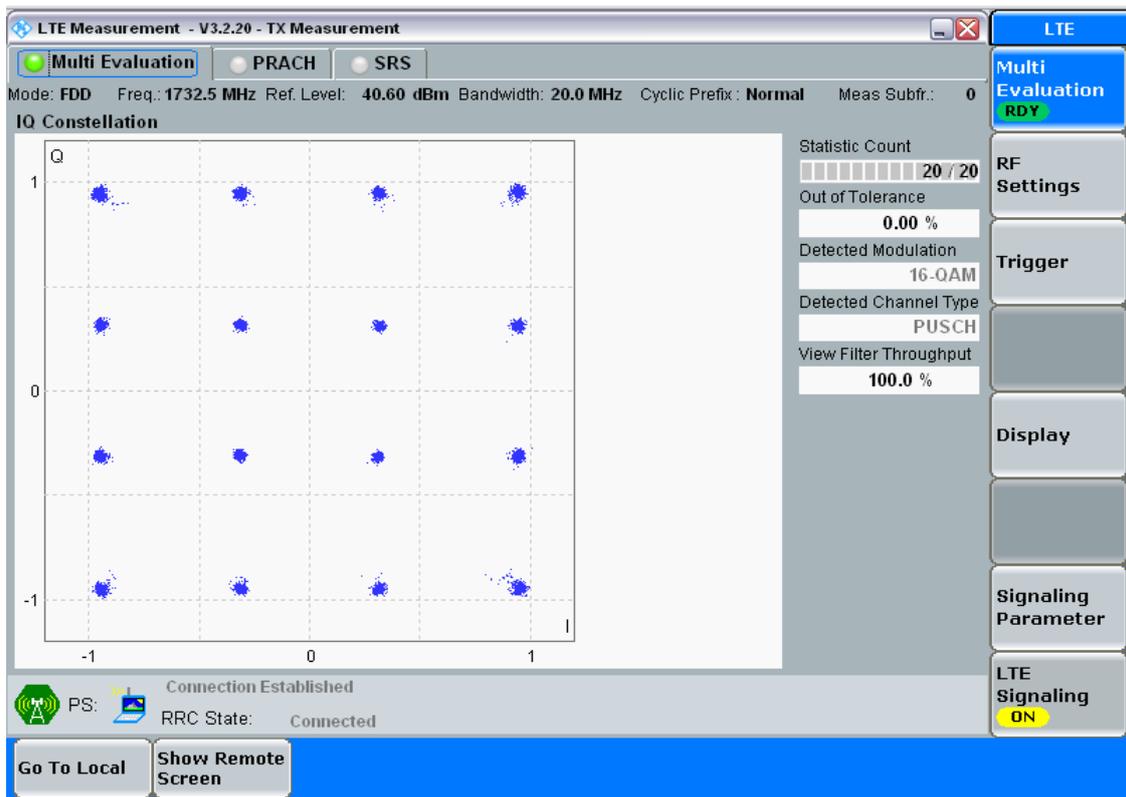
3.3.3 Test Band = BAND5

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
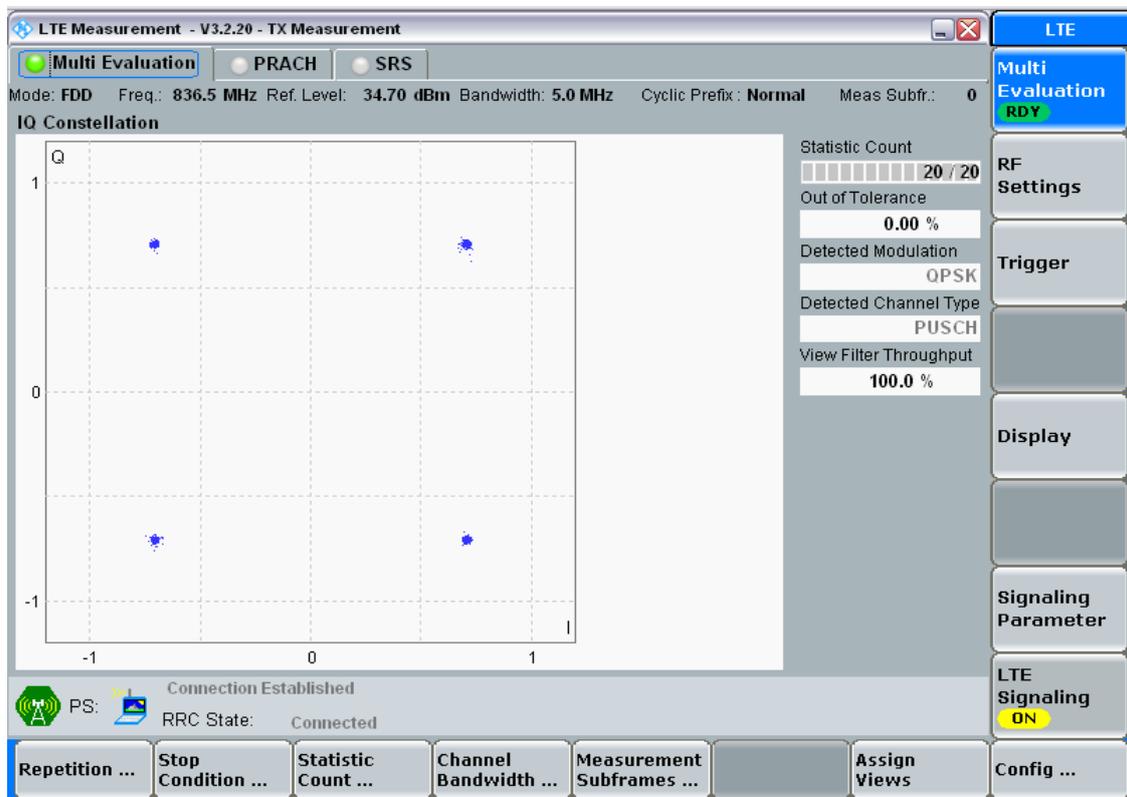
3.3.3.1.2 Test Bandwidth = 10

3.3.3.1.2.1 Test Channel = MCH

3.3.3.1.2.1.1 Test RB = RB50#0
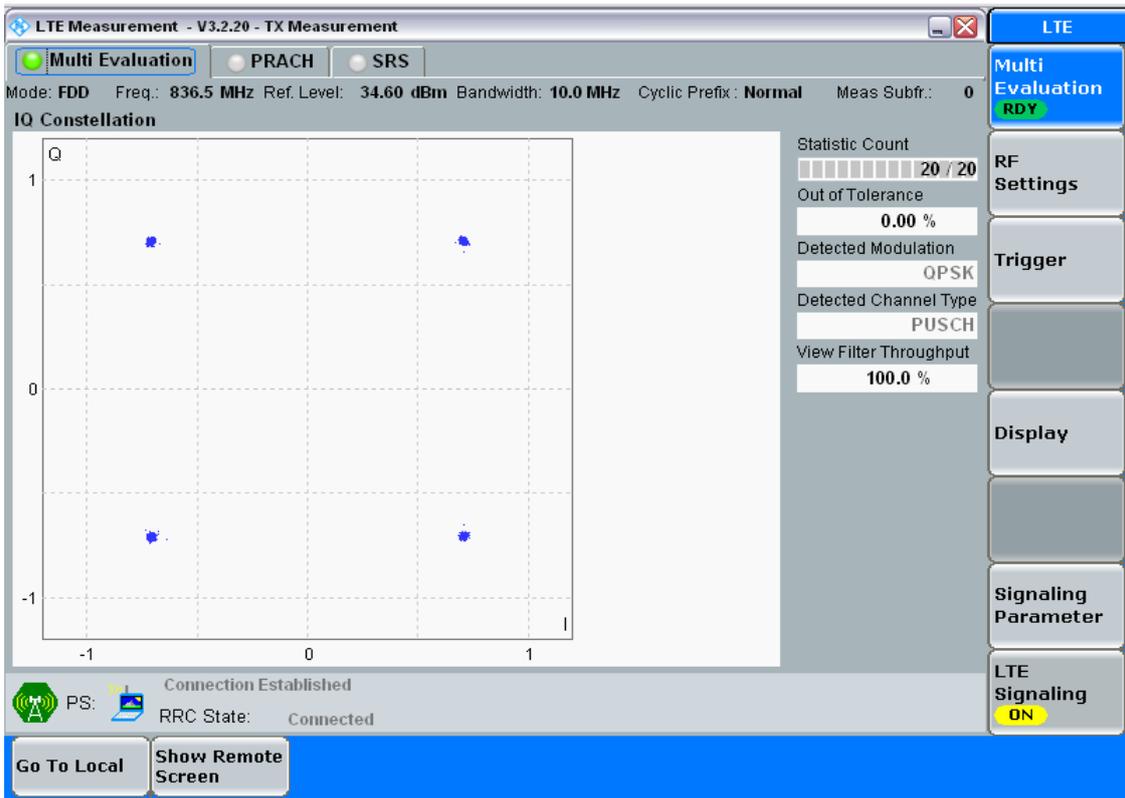
3.3.3.2 Test Mode = LTE/TM2

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
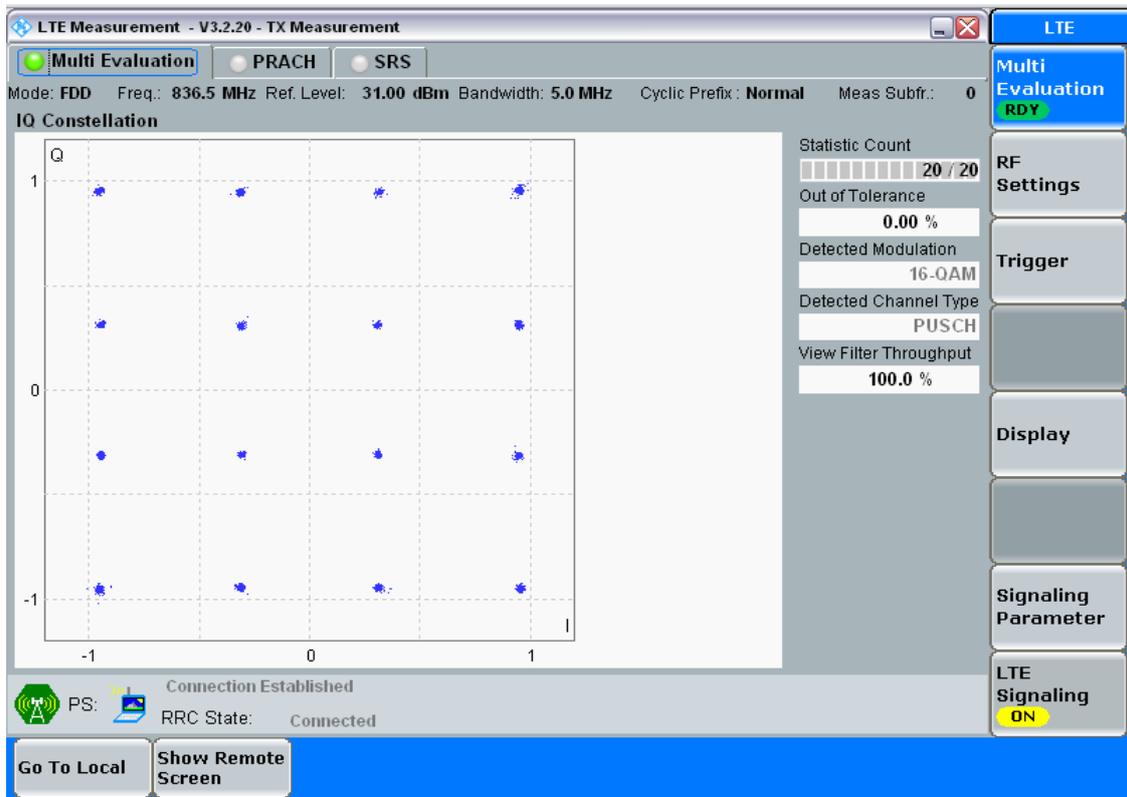
3.3.3.2.2 Test Bandwidth = 10

3.3.3.2.2.1 Test Channel = MCH

3.3.3.2.2.1.1 Test RB = RB50#0
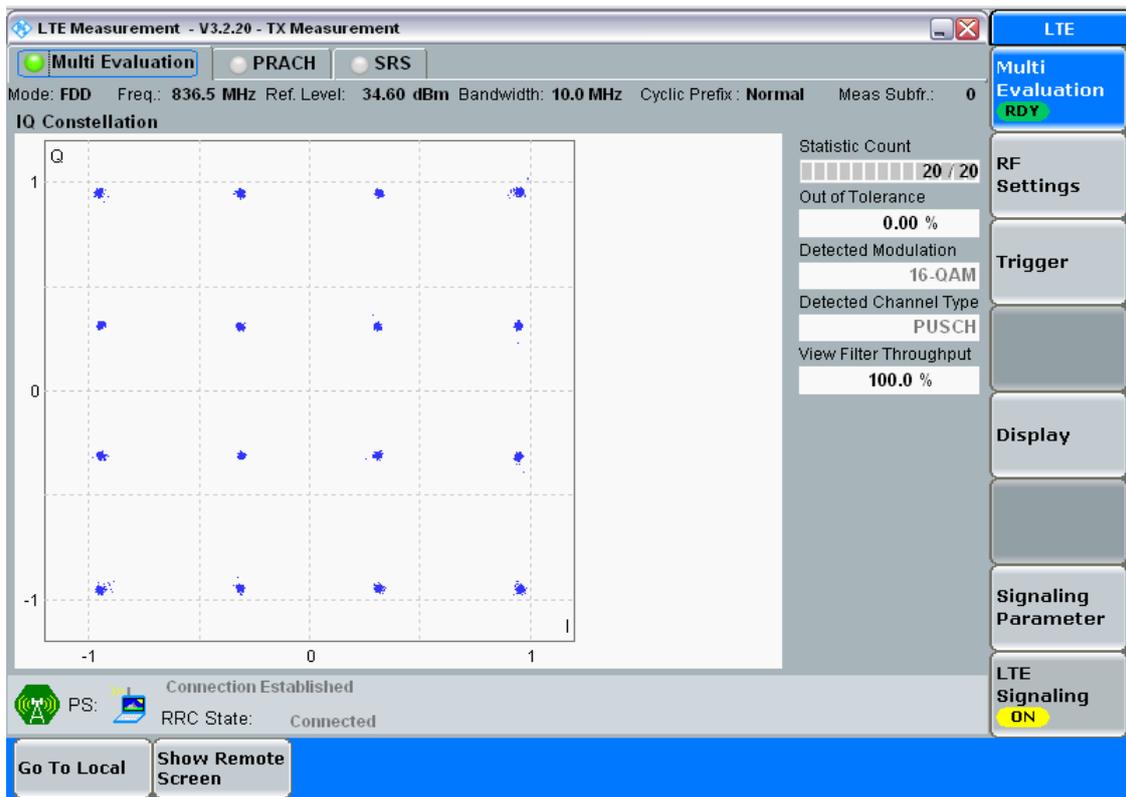
3.3.4 Test Band = BAND7

3.3.4.1 Test Mode = LTE/TM1

3.3.4.1.1 Test Bandwidth = 5

3.3.4.1.1.1 Test Channel = MCH

3.3.4.1.1.1.1 Test RB = RB25#0
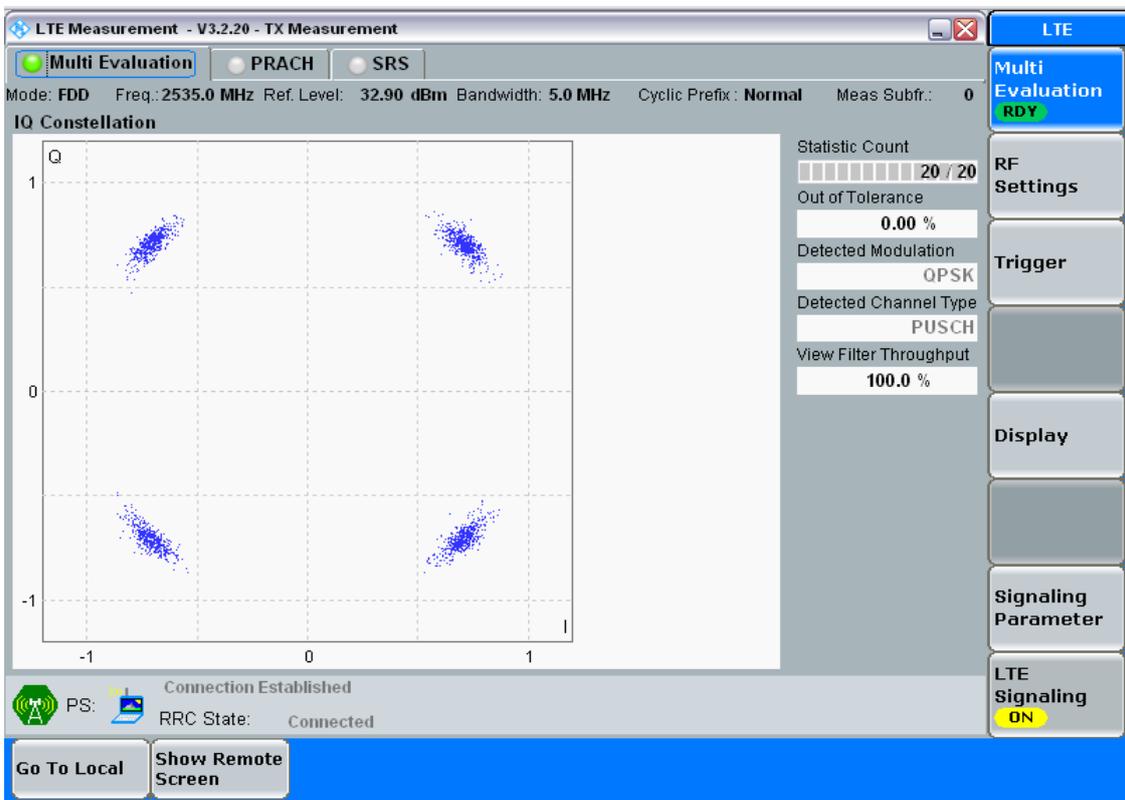
3.3.4.1.2 Test Bandwidth = 10

3.3.4.1.2.1 Test Channel = MCH

3.3.4.1.2.1.1 Test RB = RB50#0
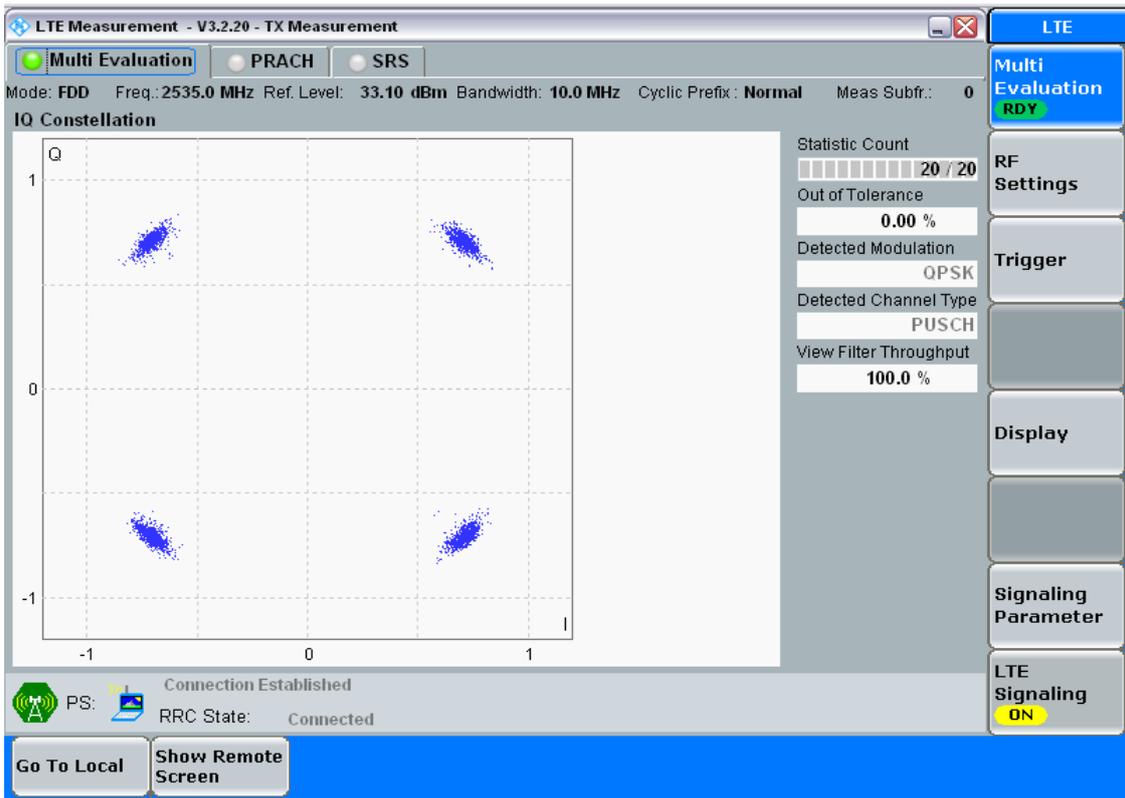
3.3.4.1.3 Test Bandwidth = 15

3.3.4.1.3.1 Test Channel = MCH

3.3.4.1.3.1.1 Test RB = RB75#0
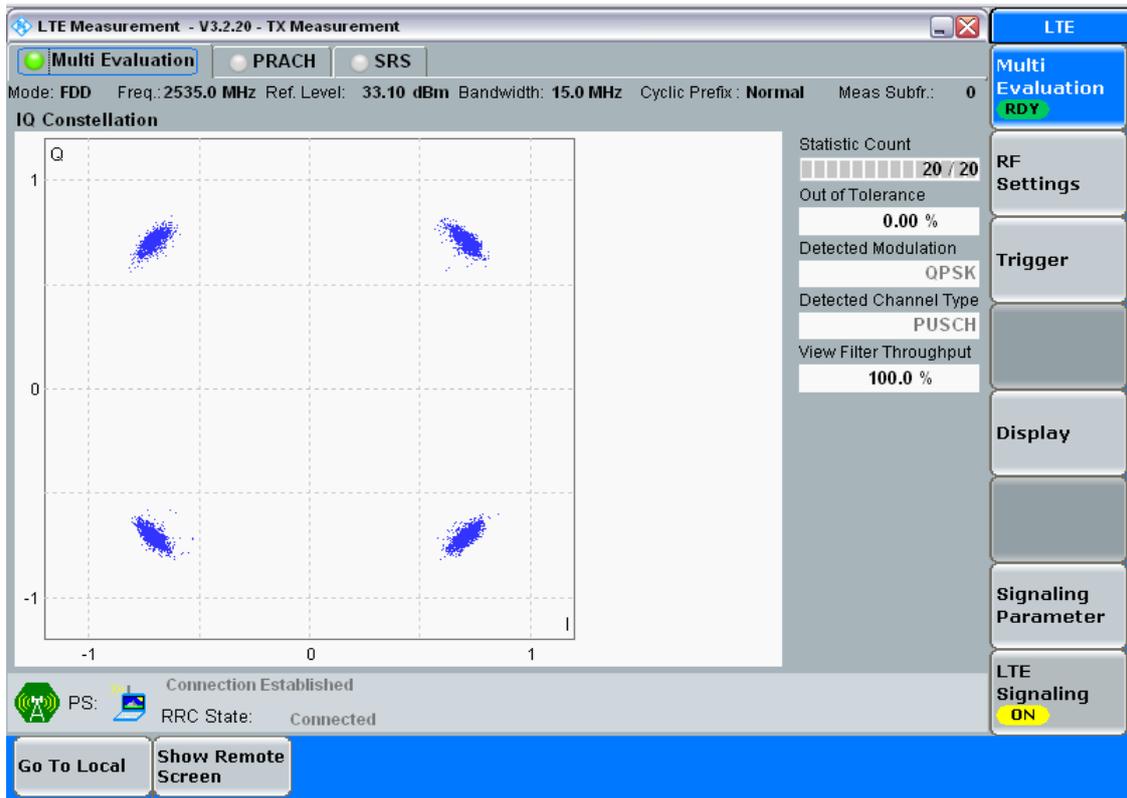
3.3.4.1.4 Test Bandwidth = 20

3.3.4.1.4.1 Test Channel = MCH

3.3.4.1.4.1.1 Test RB = RB100#0
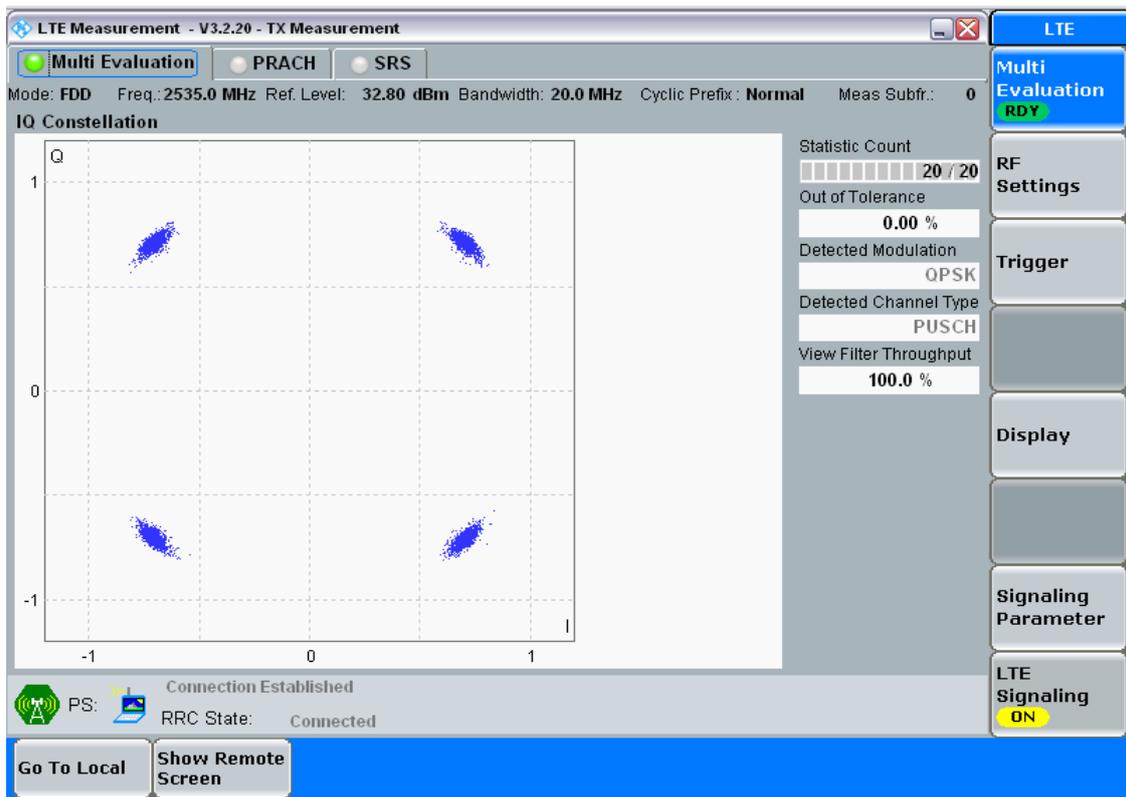
3.3.4.2 Test Mode = LTE/TM2

3.3.4.2.1 Test Bandwidth = 5

3.3.4.2.1.1 Test Channel = MCH

3.3.4.2.1.1.1 Test RB = RB25#0
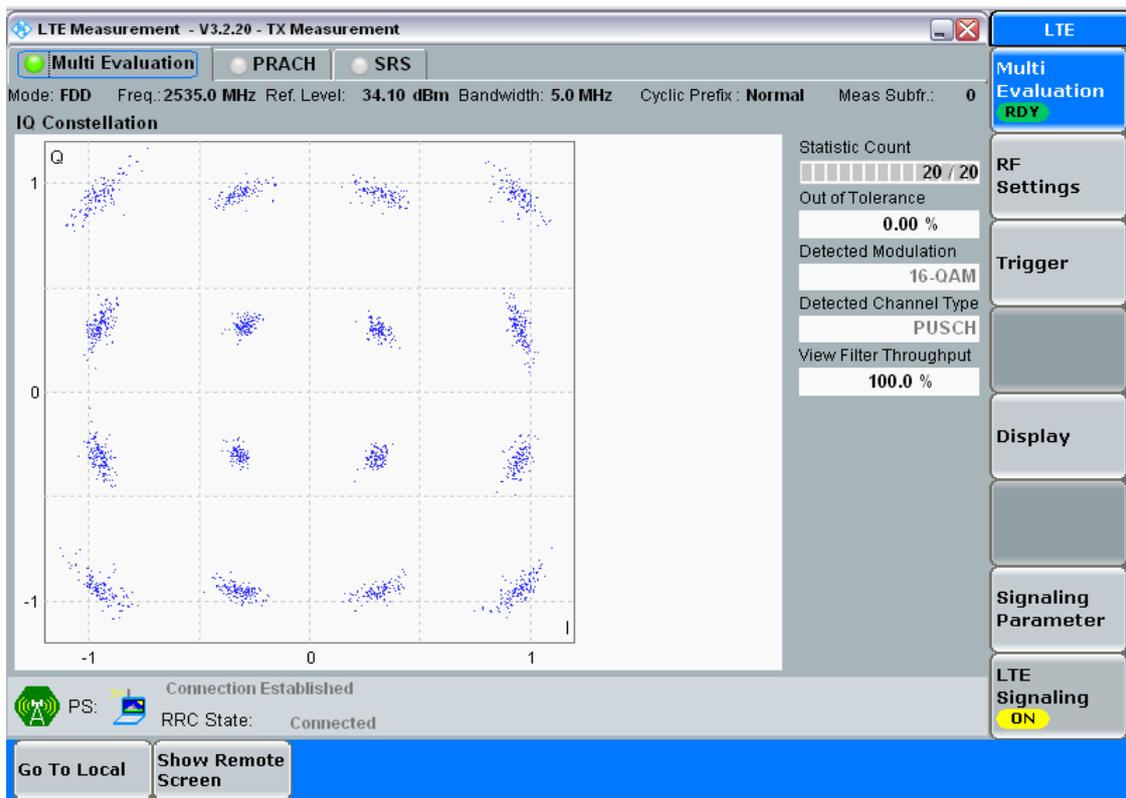
3.3.4.2.2 Test Bandwidth = 10

3.3.4.2.2.1 Test Channel = MCH

3.3.4.2.2.1.1 Test RB = RB50#0
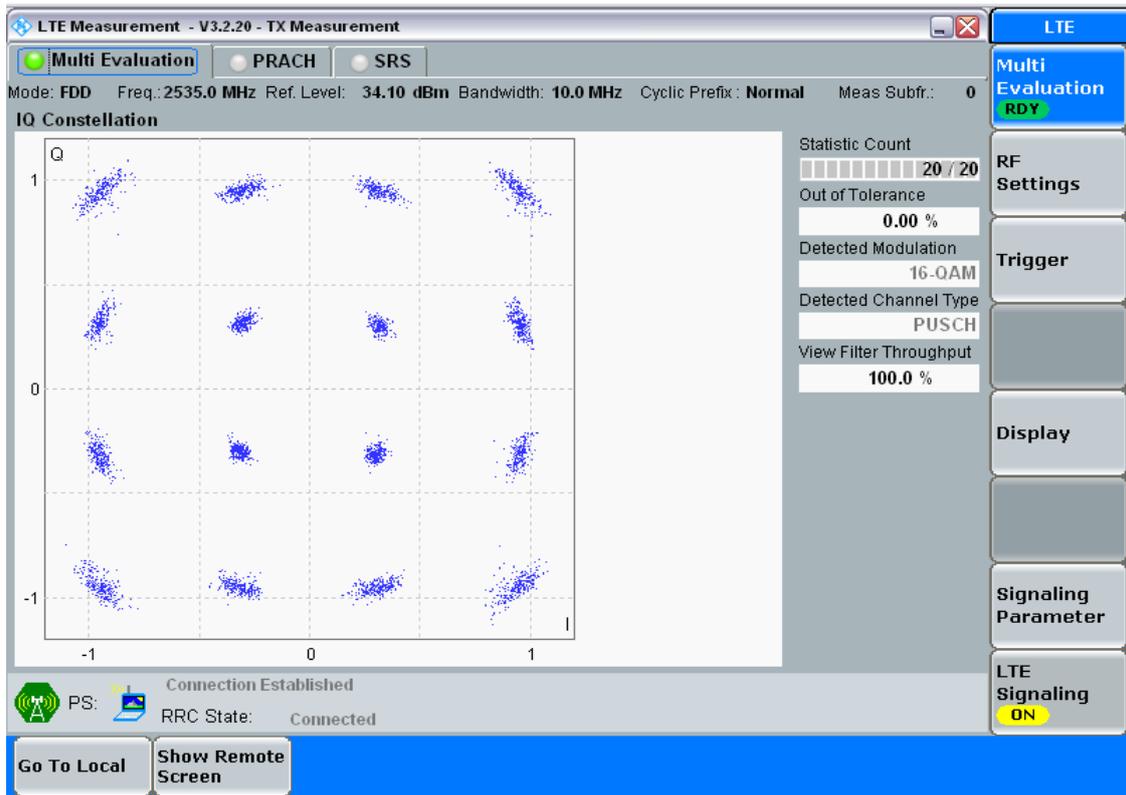
3.3.4.2.3 Test Bandwidth = 15

3.3.4.2.3.1 Test Channel = MCH

3.3.4.2.3.1.1 Test RB = RB75#0
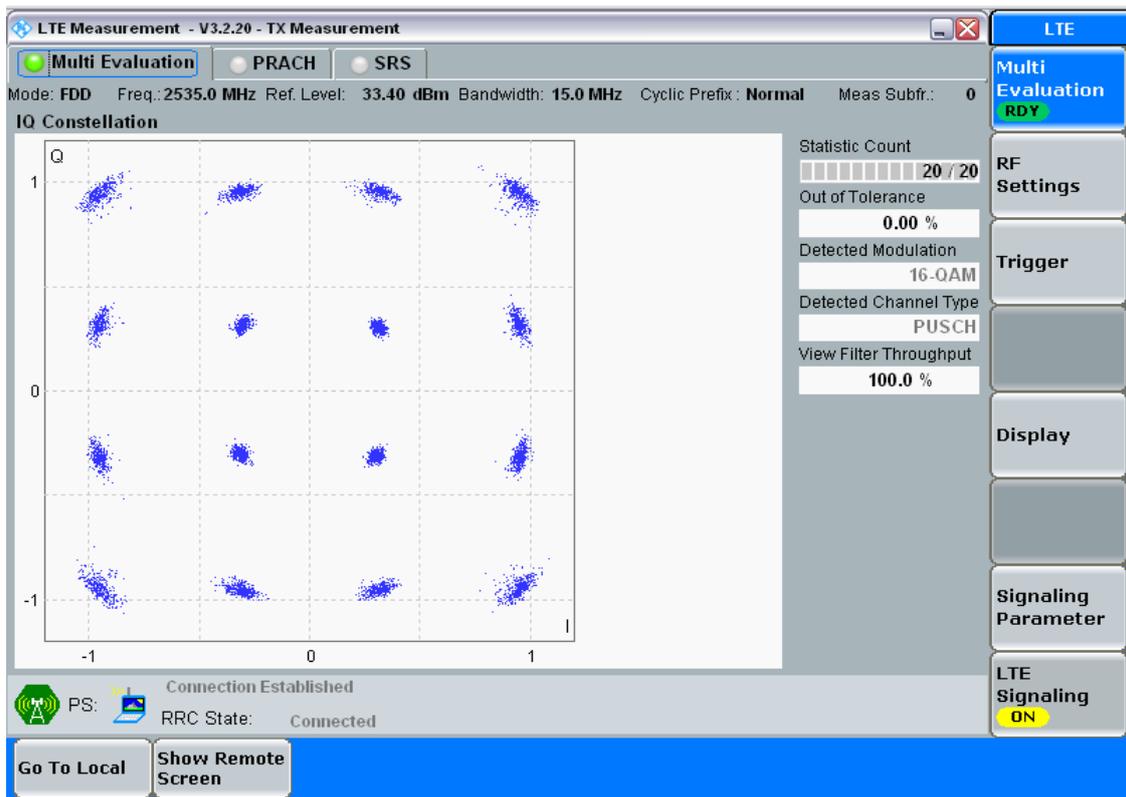
3.3.4.2.4 Test Bandwidth = 20

3.3.4.2.4.1 Test Channel = MCH

3.3.4.2.4.1.1 Test RB = RB100#0
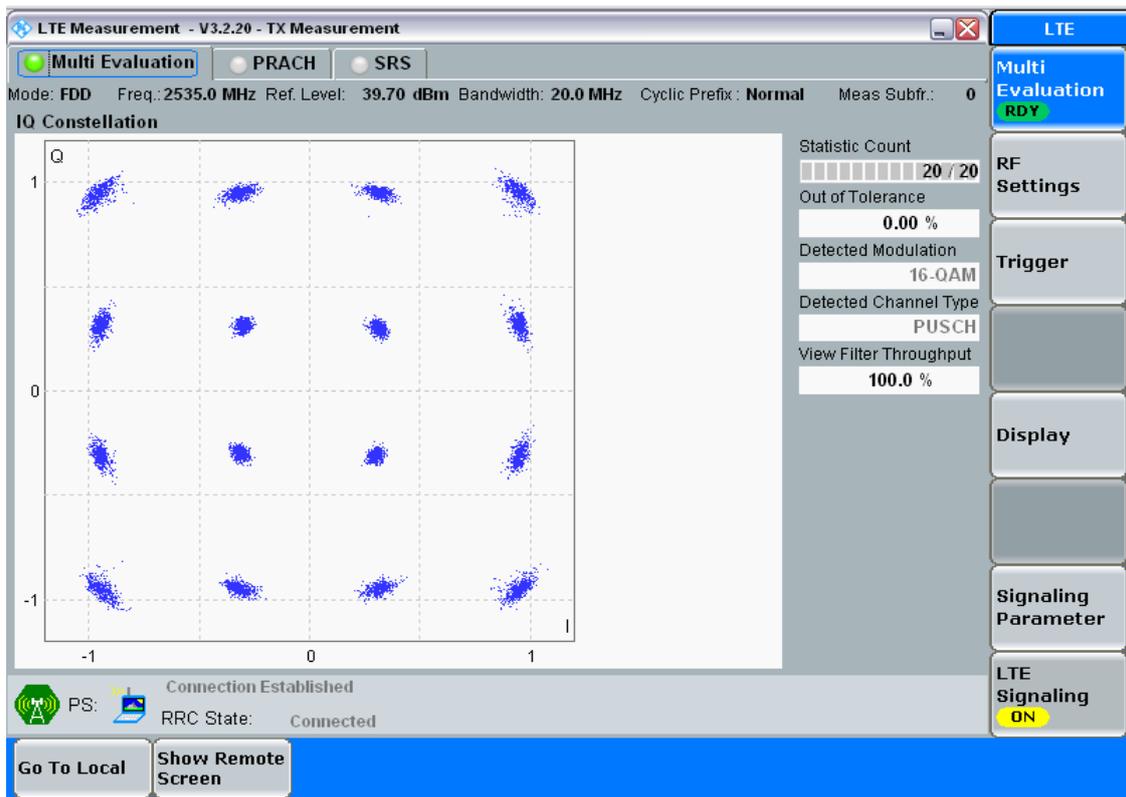
4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	242.18	314.82	Pass
		MCH	243.75	312.55	Pass
		HCH	245.99	314.87	Pass
	GSM/TM2	LCH	253.75	315.47	Pass
		MCH	248.89	315.57	Pass
		HCH	250.13	307.89	Pass
GSM1900	GSM/TM1	LCH	242.38	312.17	Pass
		MCH	243.01	312.33	Pass
		HCH	242.76	315.45	Pass
	GSM/TM2	LCH	244.75	316.49	Pass
		MCH	248.03	319.65	Pass
		HCH	245.63	307.72	Pass

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.16	4.71	Pass
		MCH	4.16	4.73	Pass
		HCH	4.16	4.72	Pass
WCDMA1900	UMTS/TM1	LCH	4.17	4.74	Pass
		MCH	4.15	4.72	Pass
		HCH	4.15	4.71	Pass
WCDMA1700	UMTS/TM1	LCH	4.16	4.72	Pass
		MCH	4.17	4.73	Pass
		HCH	4.16	4.71	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND2	LTE/TM1	5	LCH	RB25#0	4.49	4.90	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.50	4.85	Pass
		10	LCH	RB50#0	8.99	9.63	Pass
			MCH	RB50#0	8.99	9.66	Pass
			HCH	RB50#0	9.00	9.64	Pass
		15	LCH	RB75#0	13.47	14.48	Pass
			MCH	RB75#0	13.49	14.43	Pass
			HCH	RB75#0	13.49	14.42	Pass
		20	LCH	RB100#0	17.95	18.84	Pass
			MCH	RB100#0	17.98	19.07	Pass
			HCH	RB100#0	17.99	19.01	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.49	4.86	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.99	9.64	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	9.00	9.62	Pass
		15	LCH	RB75#0	13.48	14.40	Pass
			MCH	RB75#0	13.49	14.49	Pass
			HCH	RB75#0	13.49	14.45	Pass
		20	LCH	RB100#0	17.97	19.03	Pass
			MCH	RB100#0	17.98	19.09	Pass
			HCH	RB100#0	17.99	19.05	Pass
BAND4	LTE/TM1	5	LCH	RB25#0	4.50	4.84	Pass
			MCH	RB25#0	4.49	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.00	9.63	Pass
			MCH	RB50#0	9.01	9.64	Pass
			HCH	RB50#0	8.99	9.61	Pass
		15	LCH	RB75#0	13.49	14.39	Pass
			MCH	RB75#0	13.49	14.40	Pass
			HCH	RB75#0	13.47	14.36	Pass
		20	LCH	RB100#0	17.99	19.10	Pass
			MCH	RB100#0	17.99	19.08	Pass
			HCH	RB100#0	17.95	19.09	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.85	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB25#0	4.49	4.85	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	9.00	9.66	Pass
			MCH	RB50#0	9.00	9.65	Pass
			HCH	RB50#0	9.00	9.67	Pass
		15	LCH	RB75#0	13.50	14.51	Pass
			MCH	RB75#0	13.49	14.58	Pass
			HCH	RB75#0	13.48	14.46	Pass
		20	LCH	RB100#0	17.99	19.08	Pass
			MCH	RB100#0	18.00	19.06	Pass
			HCH	RB100#0	17.96	19.06	Pass
BAND5	LTE/TM1	5	LCH	RB25#0	4.41	4.65	Pass
			MCH	RB25#0	4.50	4.88	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.91	9.27	Pass
			MCH	RB50#0	9.01	9.61	Pass
			HCH	RB50#0	9.00	9.59	Pass
	LTE/TM2	5	LCH	RB25#0	4.41	4.65	Pass
			MCH	RB25#0	4.50	4.88	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.96	9.28	Pass
			MCH	RB50#0	9.01	9.65	Pass
			HCH	RB50#0	9.00	9.60	Pass
BAND7	LTE/TM1	5	LCH	RB25#0	4.50	4.93	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.92	Pass
		10	LCH	RB50#0	8.99	9.70	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	9.00	9.67	Pass
		15	LCH	RB75#0	13.48	14.39	Pass
			MCH	RB75#0	13.47	14.37	Pass
			HCH	RB75#0	13.49	14.44	Pass
		20	LCH	RB100#0	17.97	19.13	Pass
			MCH	RB100#0	17.97	19.13	Pass
			HCH	RB100#0	17.98	19.09	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.90	Pass
			MCH	RB25#0	4.50	4.90	Pass
			HCH	RB25#0	4.50	4.91	Pass
		10	LCH	RB50#0	8.99	9.70	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB50#0	9.00	9.70	Pass
			HCH	RB50#0	9.01	9.68	Pass
		15	LCH	RB75#0	13.48	14.41	Pass
			MCH	RB75#0	13.49	14.49	Pass
			HCH	RB75#0	13.49	14.47	Pass
		20	LCH	RB100#0	17.97	19.18	Pass
			MCH	RB100#0	17.97	19.09	Pass
			HCH	RB100#0	17.97	19.14	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
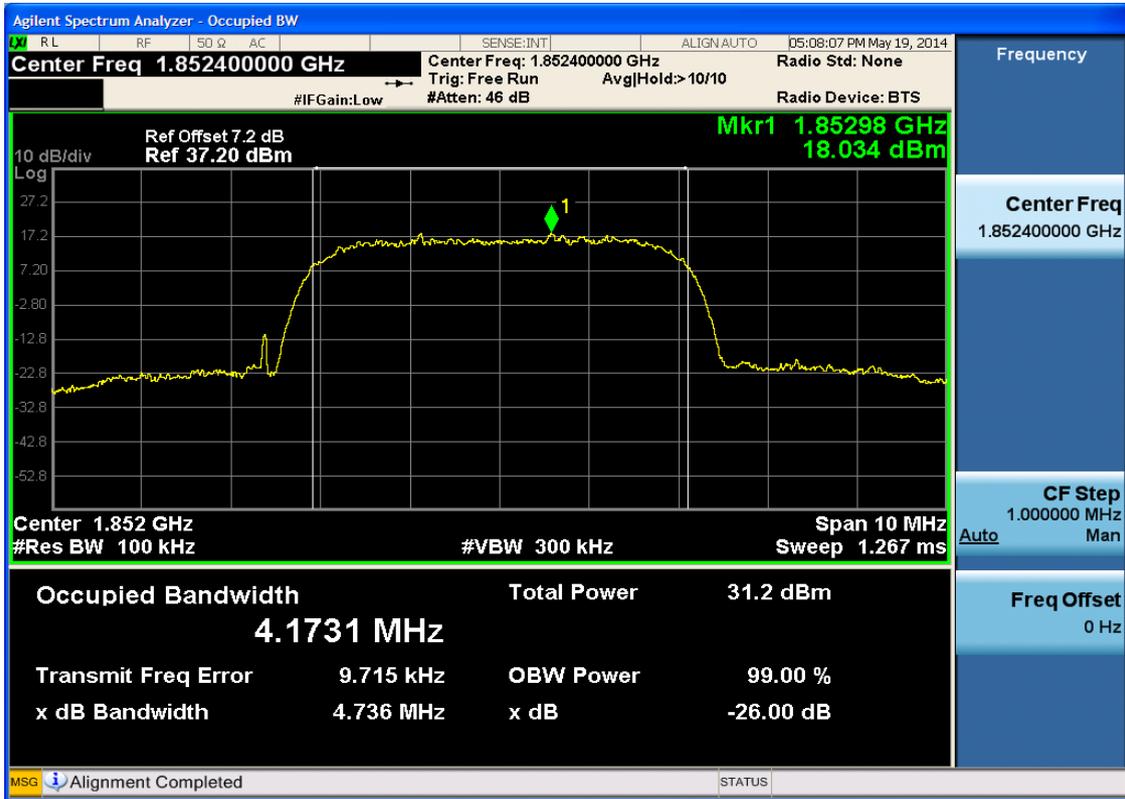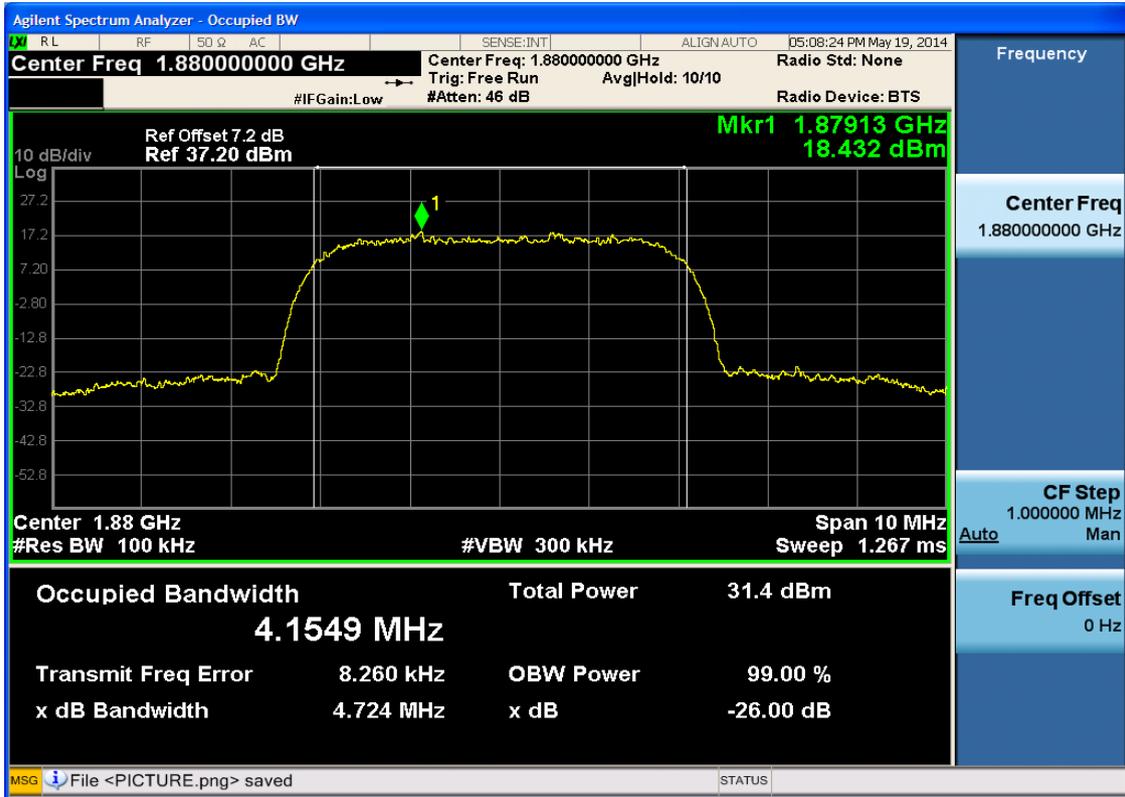
4.1.1.1.3 Test Channel = HCH

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

Agilent Spectrum Analyzer - Occupied BW

R L   RF   50 Ω   AC   SENSE:INT   ALIGN AUTO   04:19:04 PM May 19, 2014

Center Freq 848.800000 MHz
Center Freq: 848.800000 MHz   Radio Std: None
#IFGain:Low   Trig: Free Run   Avg|Hold: 10/10
#Atten: 46 dB   Radio Device: BTS

Ref Offset 7.2 dB
Ref 37.20 dBm
Mkr1 848.804 MHz
25.484 dBm

10 dB/div
Log

27.2
17.2
7.20
-2.80
-12.8
-22.8
-32.8
-42.8
-52.8

Center 848.8 MHz   Span 1 MHz
#Res BW 10 kHz   #VBW 30 kHz   Sweep 12.4 ms

Occupied Bandwidth	Total Power	33.3 dBm
250.13 kHz		
Transmit Freq Error -275 Hz	OBW Power	99.00 %
x dB Bandwidth 307.9 kHz	x dB	-26.00 dB

MSG File <PICTURE.png> saved   STATUS

Frequency

Center Freq
848.800000 MHz

CF Step
100.000 kHz
Auto   Man

Freq Offset
0 Hz

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

Agilent Spectrum Analyzer - Occupied BW

R L   RF   50 Ω   AC   SENSE:INT   ALIGN AUTO   04:44:10 PM May 19, 2014

Center Freq 1.880000000 GHz

Center Freq: 1.880000000 GHz   Radio Std: None
Trig: Free Run   Avg|Hold: 10/10
#Atten: 46 dB   Radio Device: BTS

#IFGain:Low

Ref Offset 7.2 dB
Ref 42.20 dBm
10 dB/div
Log

Mkr1 1.880028 GHz
26.185 dBm

32.2
22.2
12.2
2.20
-7.80
-17.8
-27.8
-37.8
-47.8

Center 1.88 GHz   Span 1 MHz
#Res BW 10 kHz   #VBW 30 kHz   Sweep 12.4 ms

Occupied Bandwidth		Total Power	35.8 dBm
243.01 kHz			
Transmit Freq Error	85 Hz	OBW Power	99.00 %
x dB Bandwidth	312.3 kHz	x dB	-26.00 dB

MSG File <PICTURE.png> saved   STATUS

Frequency

Center Freq
1.880000000 GHz

CF Step
100.000 kHz
Auto   Man

Freq Offset
0 Hz

4.1.2.1.3 Test Channel = HCH

Agilent Spectrum Analyzer - Occupied BW

R L | RF | 50 Ω | AC | | | SENSE:INT | ALIGN AUTO | 04:44:30 PM May 19, 2014

Center Freq 1.909800000 GHz

Center Freq: 1.909800000 GHz | Radio Std: None
#IFGain:Low → | Trig: Free Run | Avg|Hold: 10/10
#Atten: 46 dB | Radio Device: BTS

Frequency

Mkr1 1.909772 GHz
25.814 dBm

Ref Offset 7.2 dB
Ref 42.20 dBm
10 dB/div
Log

32.2
22.2
12.2
2.20
-7.80
-17.8
-27.8
-37.8
-47.8

Center 1.91 GHz
#Res BW 10 kHz
#VBW 30 kHz
Span 1 MHz
Sweep 12.4 ms

Center Freq
1.909800000 GHz

CF Step
100.000 kHz
Auto   Man

Freq Offset
0 Hz

Occupied Bandwidth
242.76 kHz

Total Power   35.5 dBm

Transmit Freq Error   1.251 kHz   **OBW Power**   99.00 %

x dB Bandwidth   315.4 kHz   **x dB**   -26.00 dB

MSG File <PICTURE.png> saved   STATUS

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
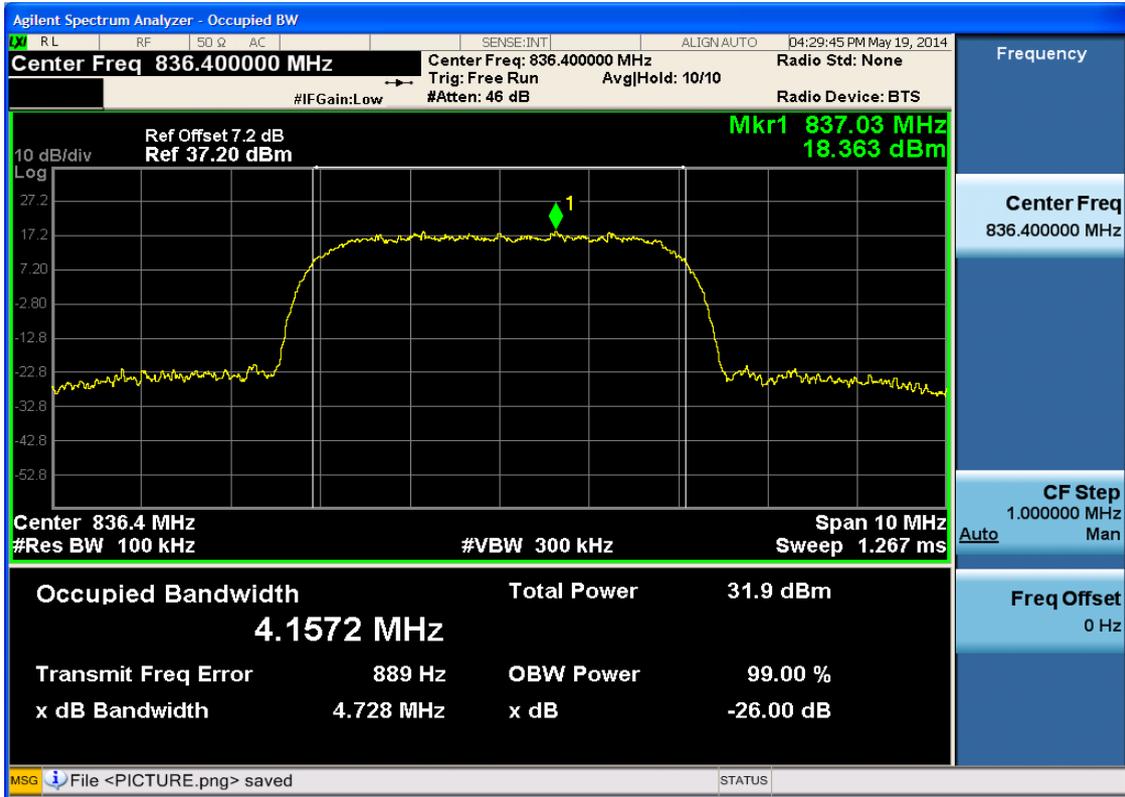
4.2.1.1.3 Test Channel = HCH
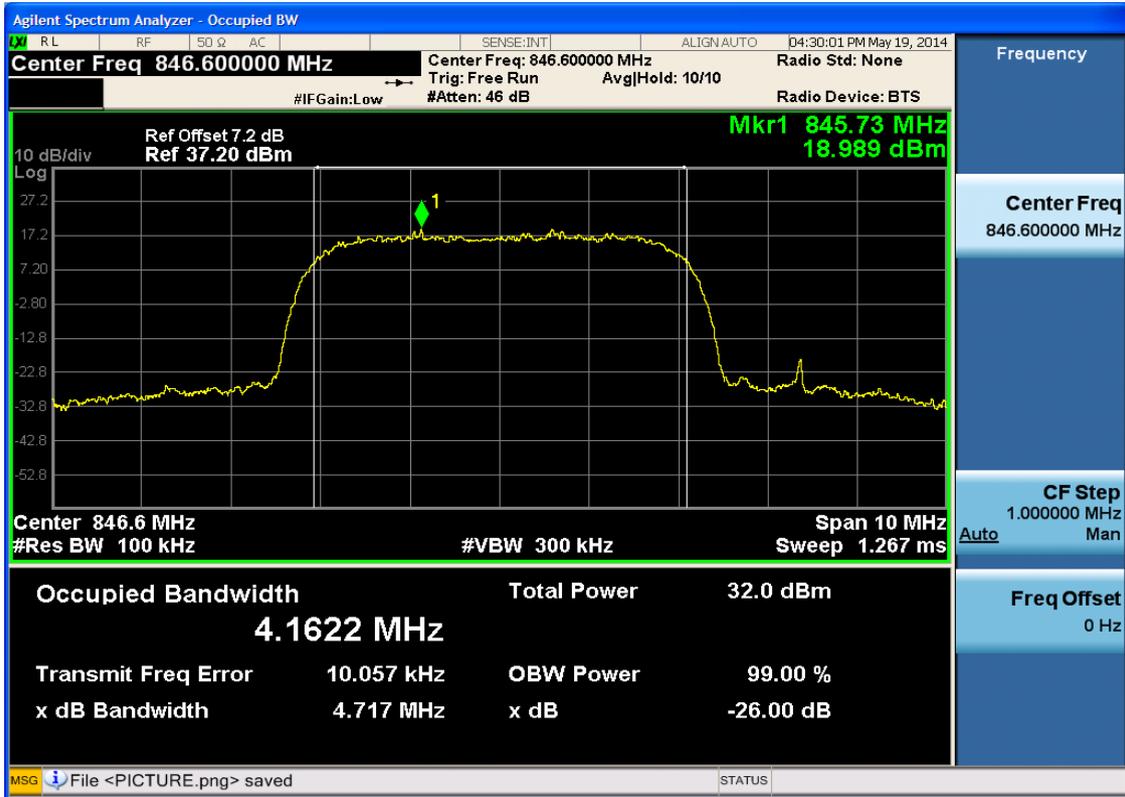
4.2.2 Test Band = WCDMA1900

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
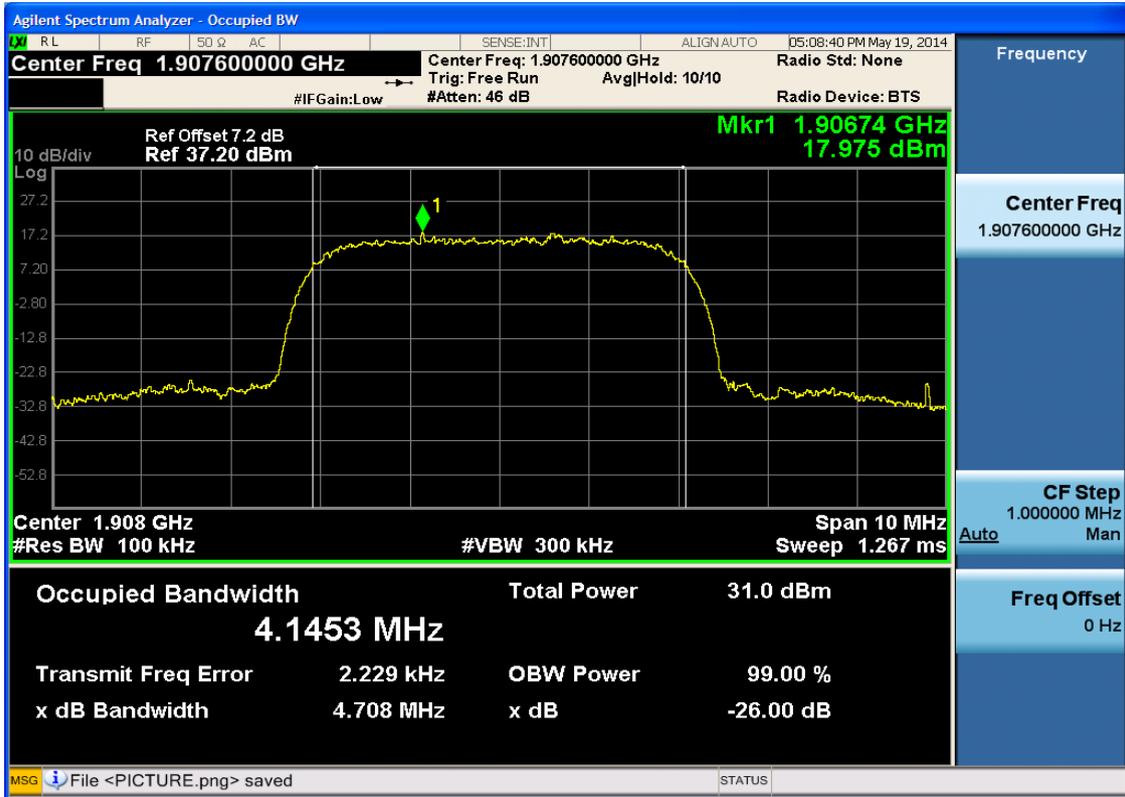
4.2.3 Test Band = WCDMA1700

4.2.3.1 Test Mode = UMTS/TM1

4.2.3.1.1 Test Channel = LCH
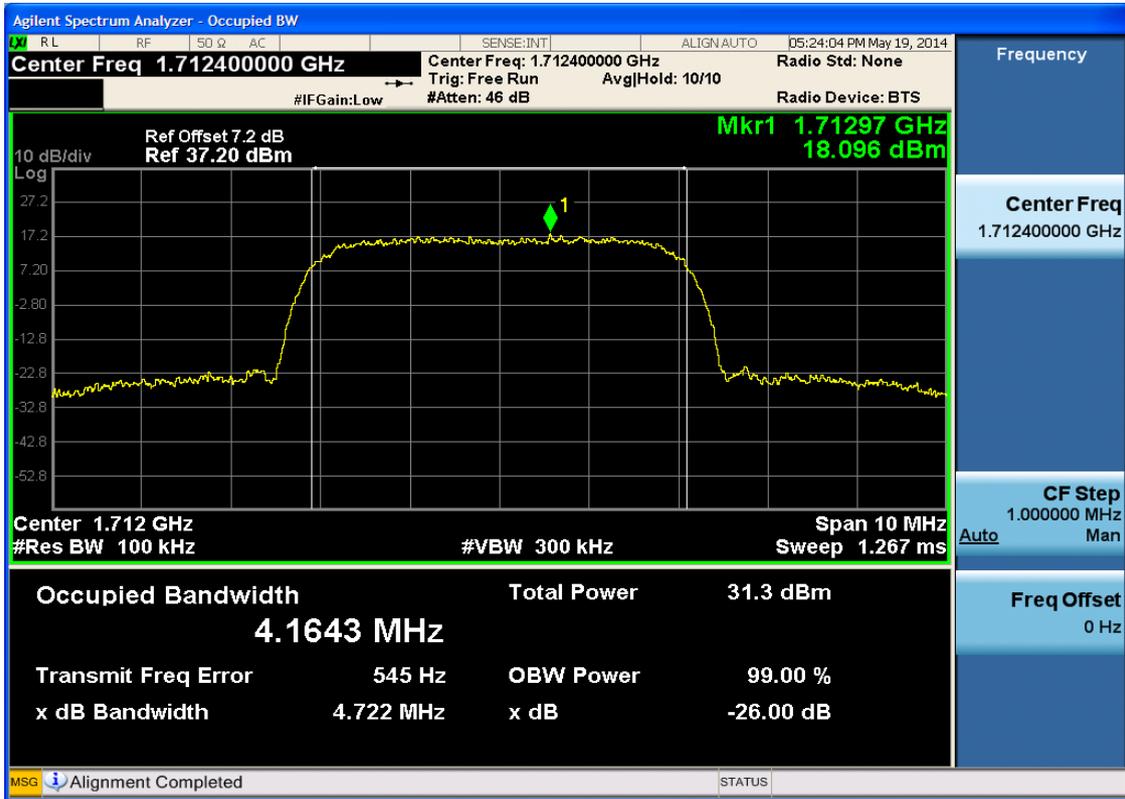
4.2.3.1.2 Test Channel = MCH
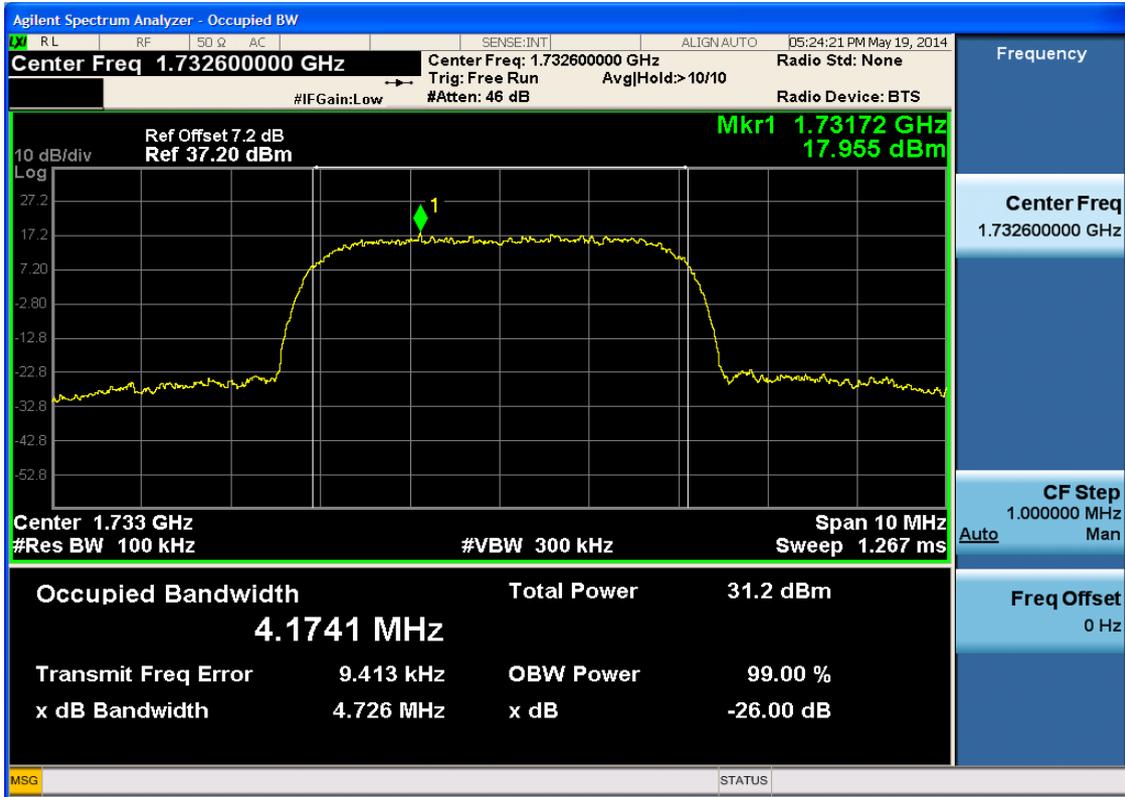
4.2.3.1.3 Test Channel = HCH
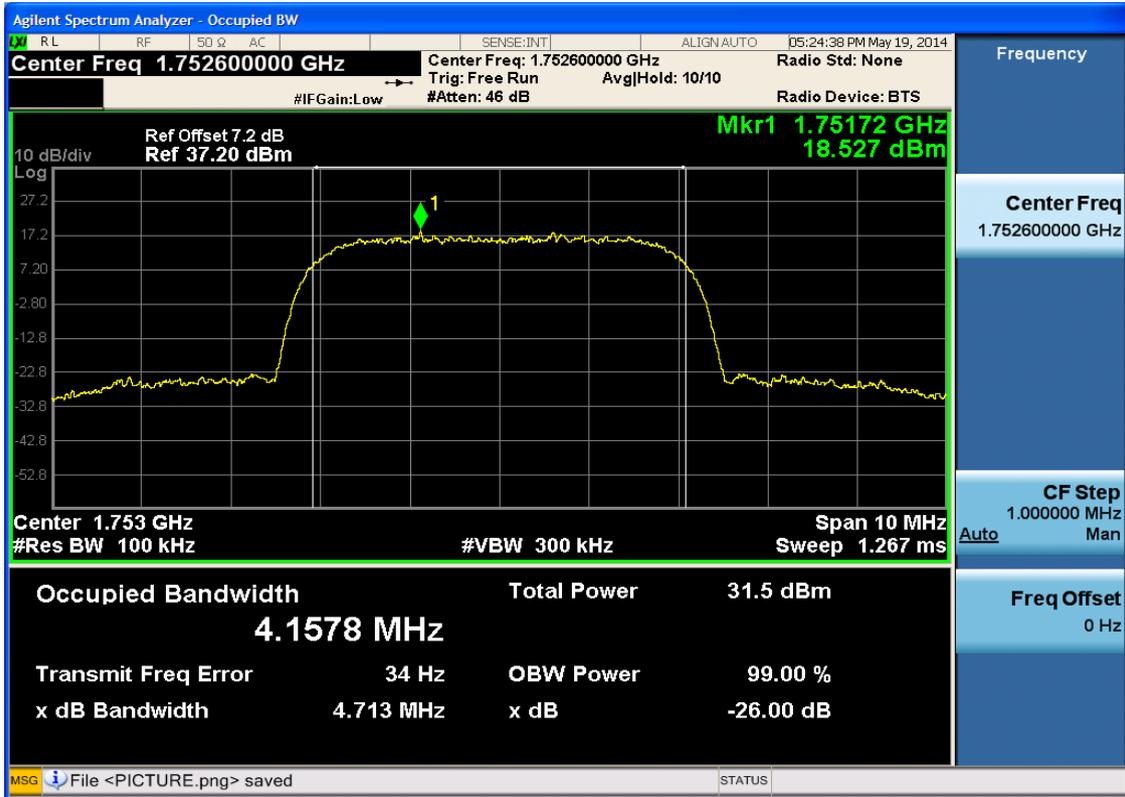
4.3 For LTE

4.3.1 Test Band = BAND2

4.3.1.1 Test Mode = LTE/TM1

4.3.1.1.1 Test Bandwidth = 5

4.3.1.1.1.1 Test Channel = LCH

###### 4.3.1.1.1.1.1 Test RB = RB25#0
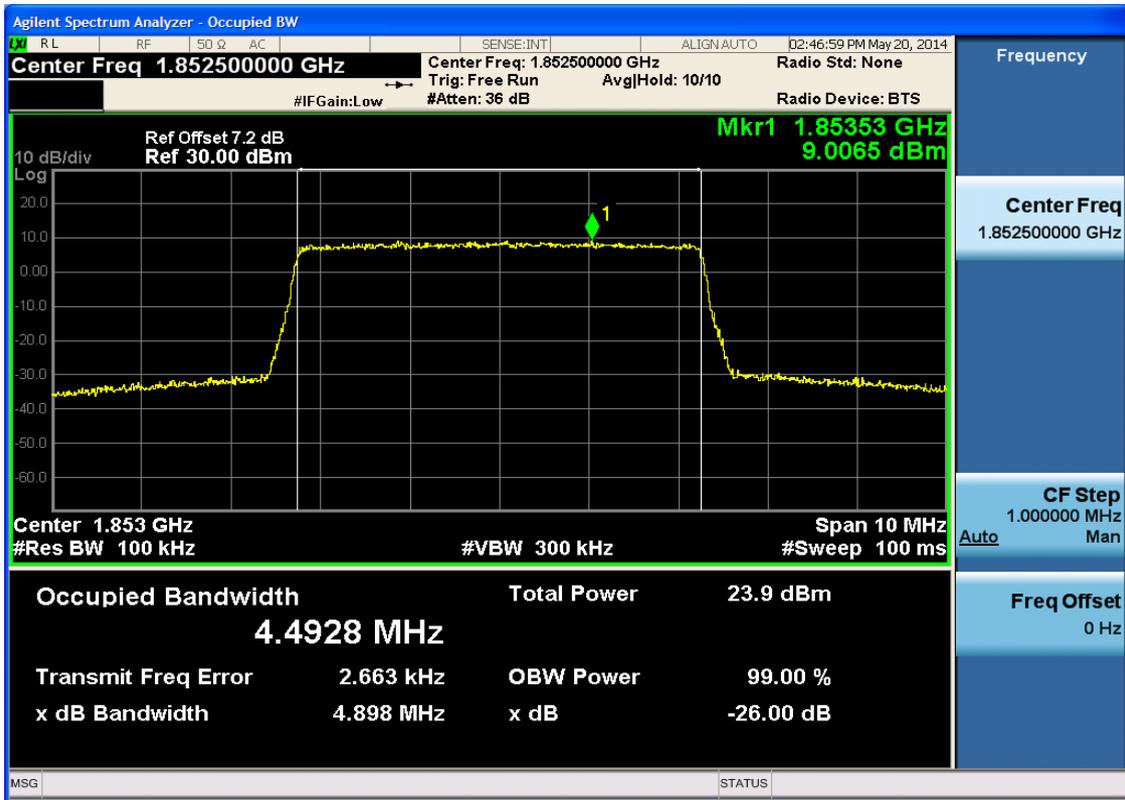
4.3.1.1.1.2 Test Channel = MCH

4.3.1.1.1.2.1 Test RB = RB25#0
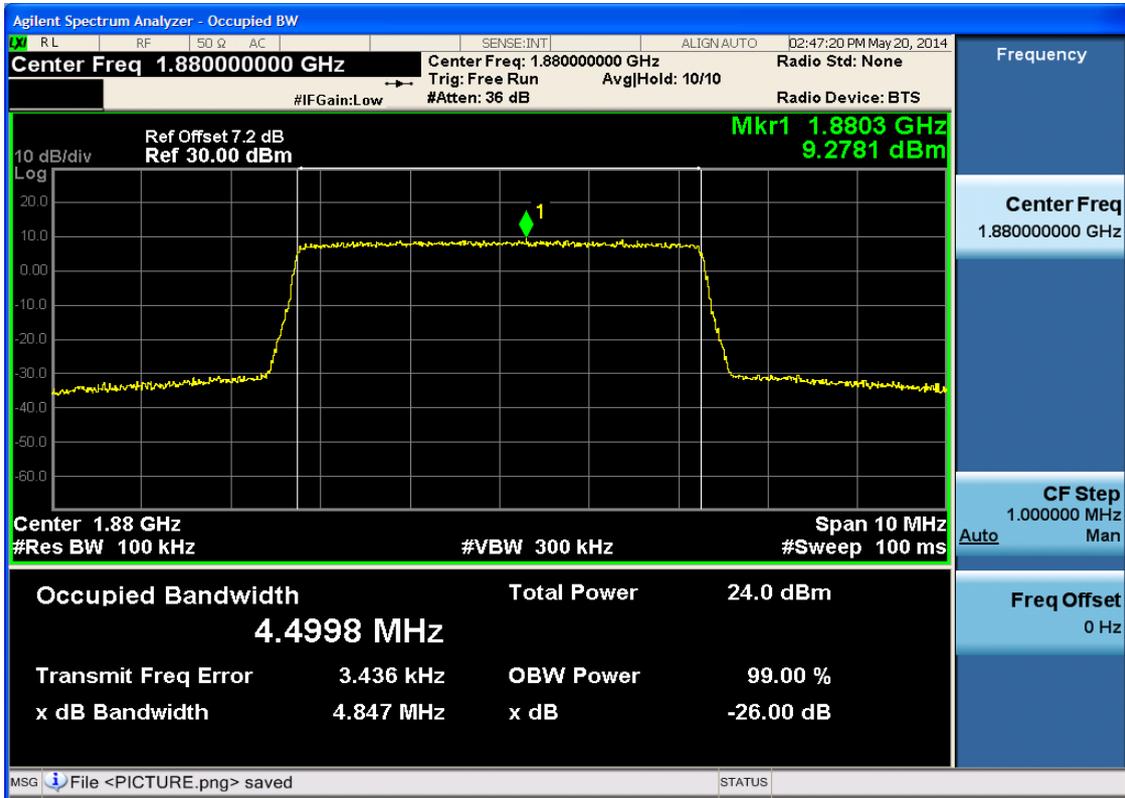
4.3.1.1.1.3 Test Channel = HCH

4.3.1.1.1.3.1 Test RB = RB25#0
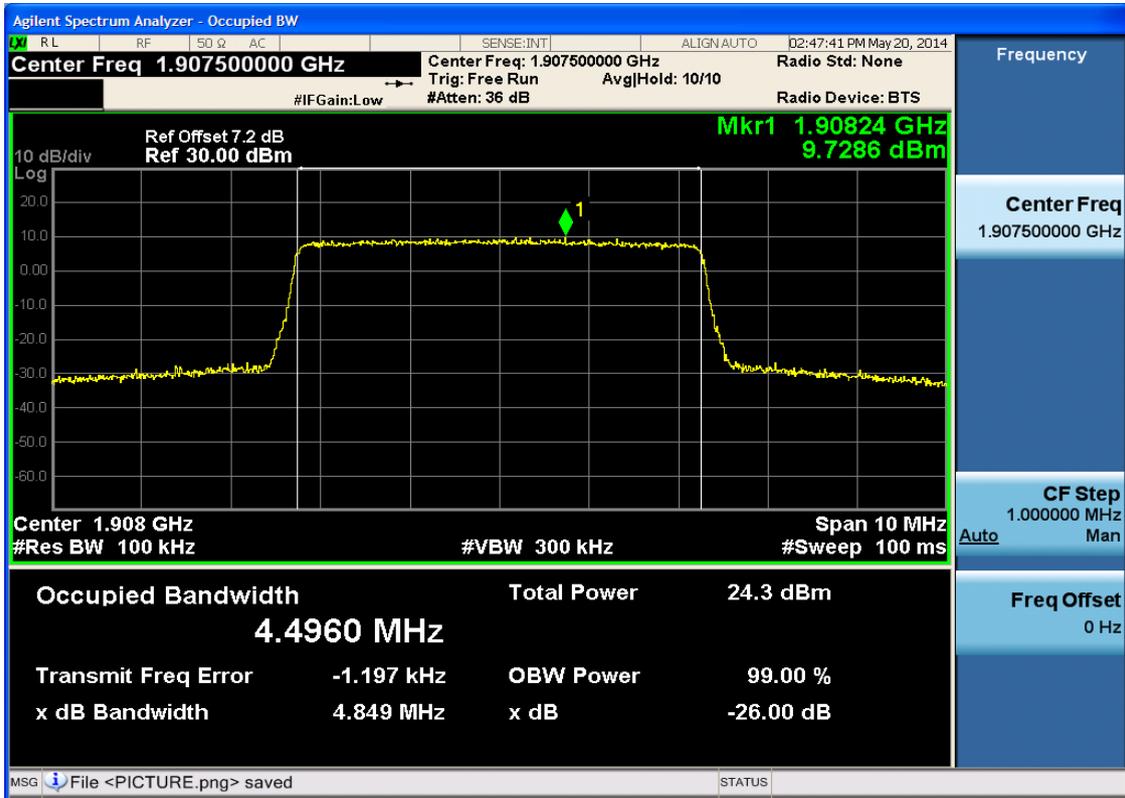
4.3.1.1.2 Test Bandwidth = 10

4.3.1.1.2.1 Test Channel = LCH

4.3.1.1.2.1.1 Test RB = RB50#0
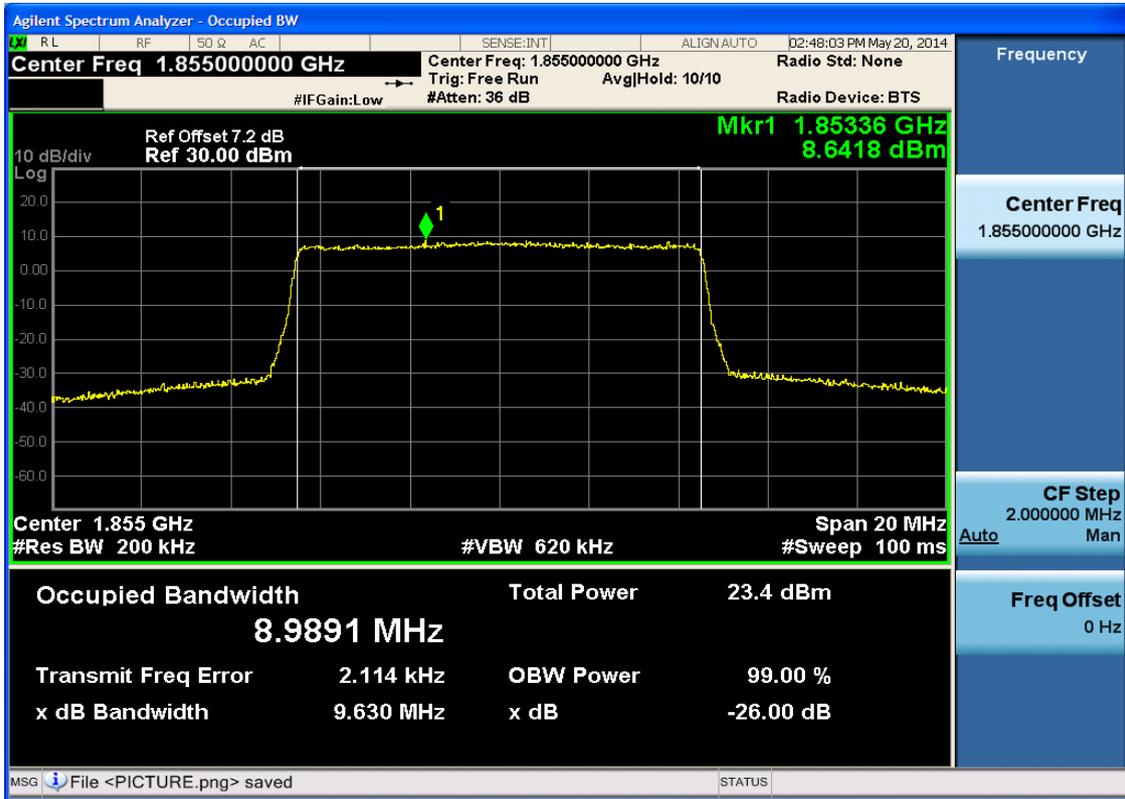
4.3.1.1.2.2 Test Channel = MCH

4.3.1.1.2.2.1 Test RB = RB50#0
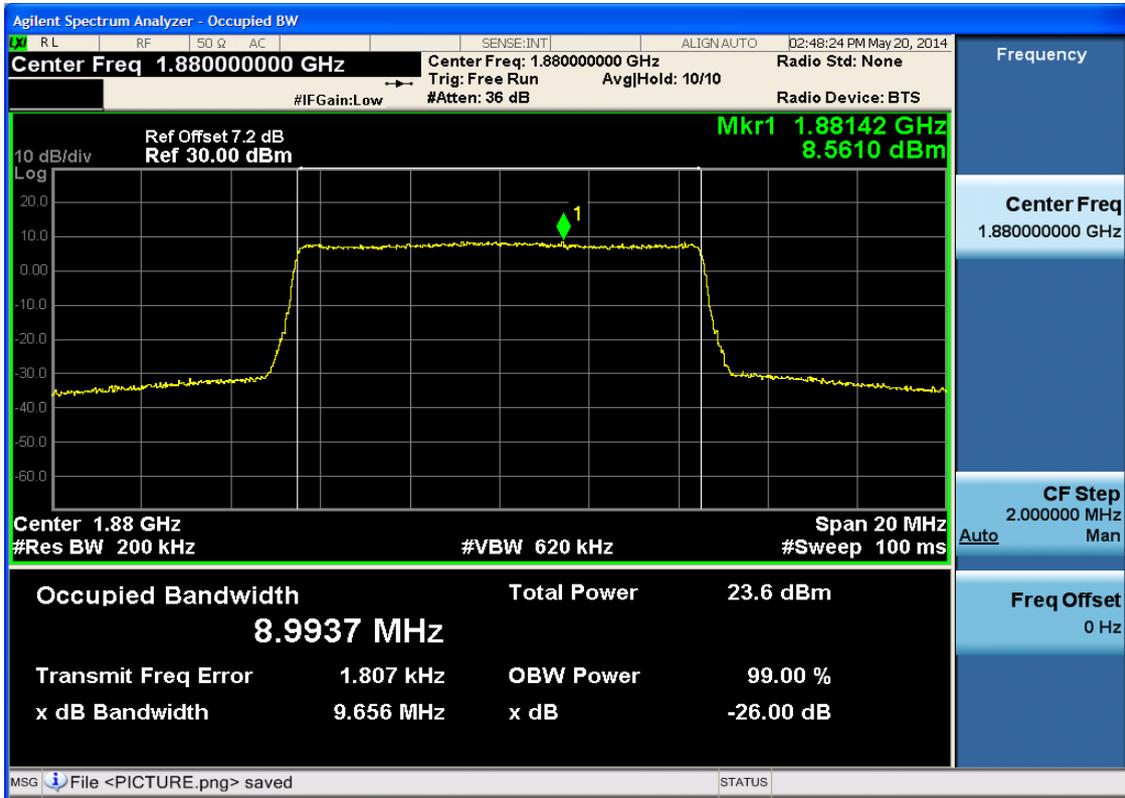
4.3.1.1.2.3 Test Channel = HCH

4.3.1.1.2.3.1 Test RB = RB50#0
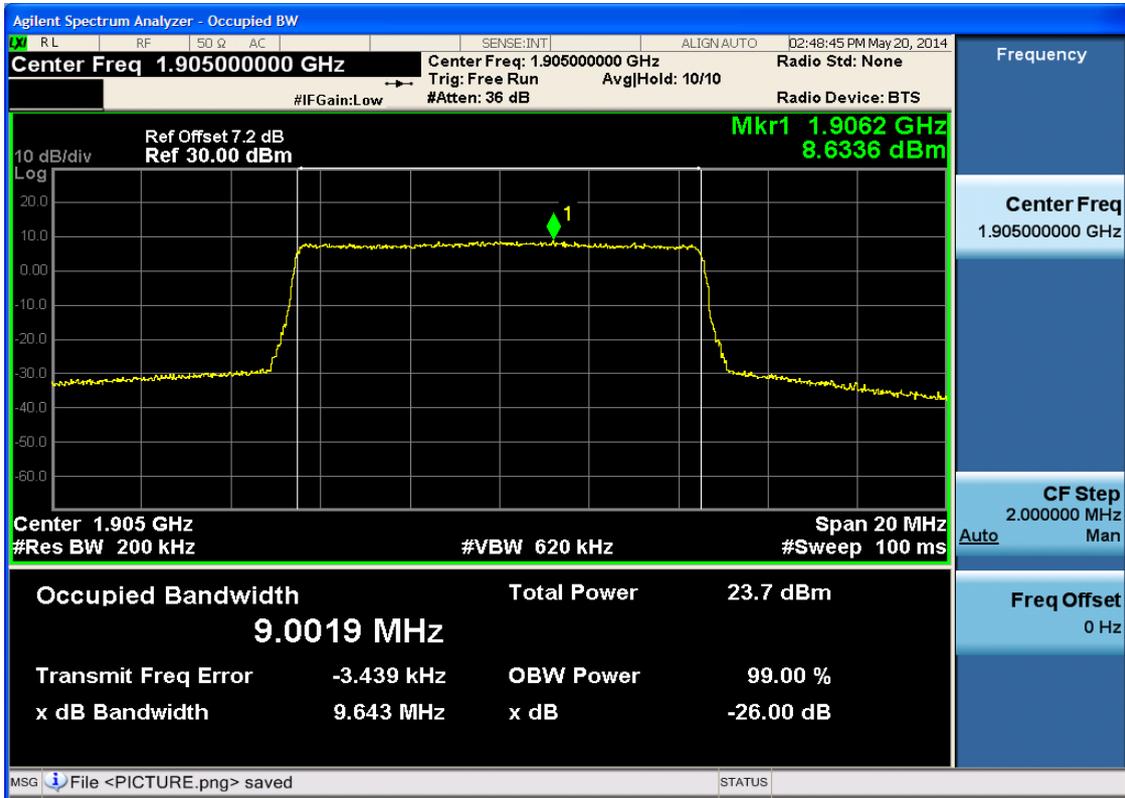
4.3.1.1.3 Test Bandwidth = 15

4.3.1.1.3.1 Test Channel = LCH

4.3.1.1.3.1.1 Test RB = RB75#0
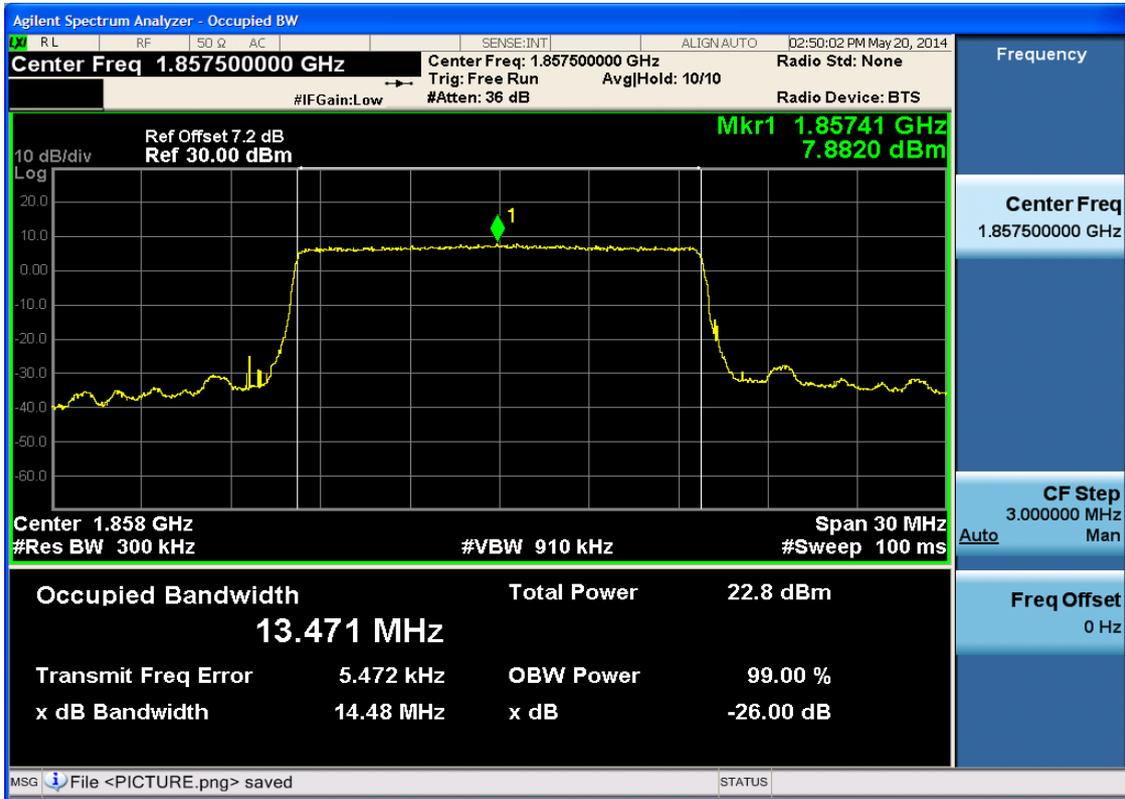
4.3.1.1.3.2 Test Channel = MCH

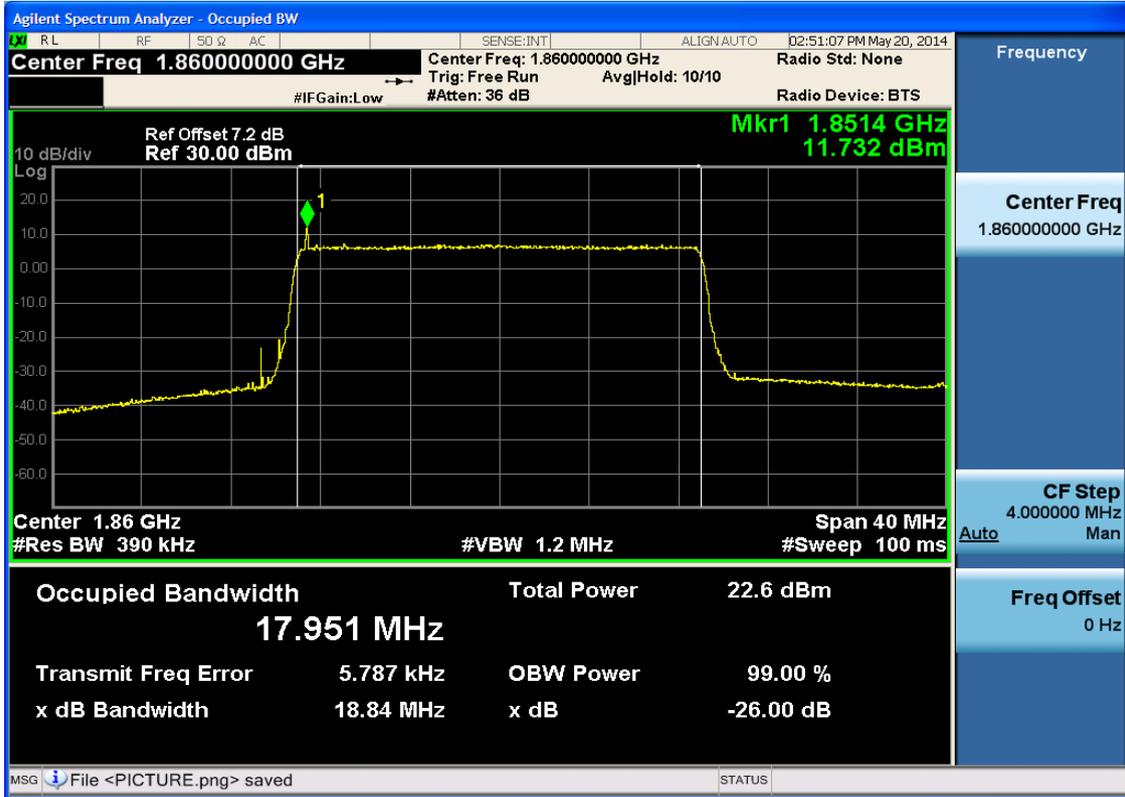## 4.3.1.1.3.2.1 Test RB = RB75#0
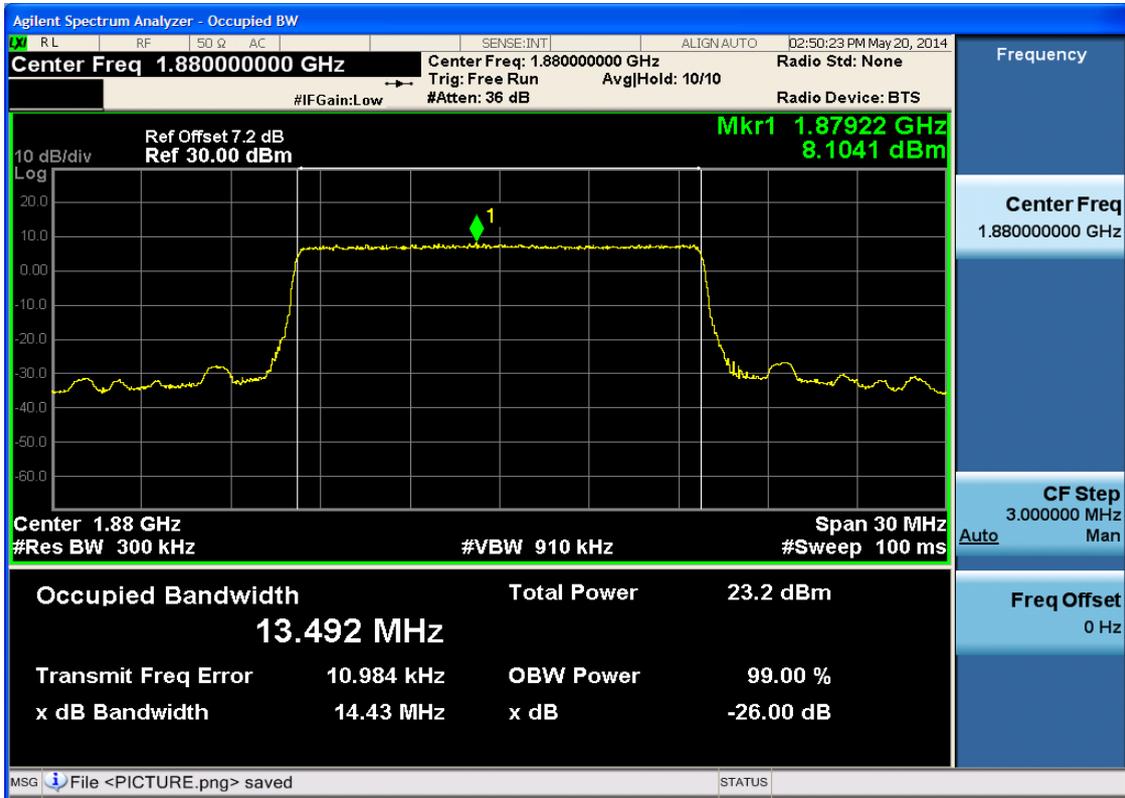
4.3.1.1.3.3 Test Channel = HCH

4.3.1.1.3.3.1 Test RB = RB75#0
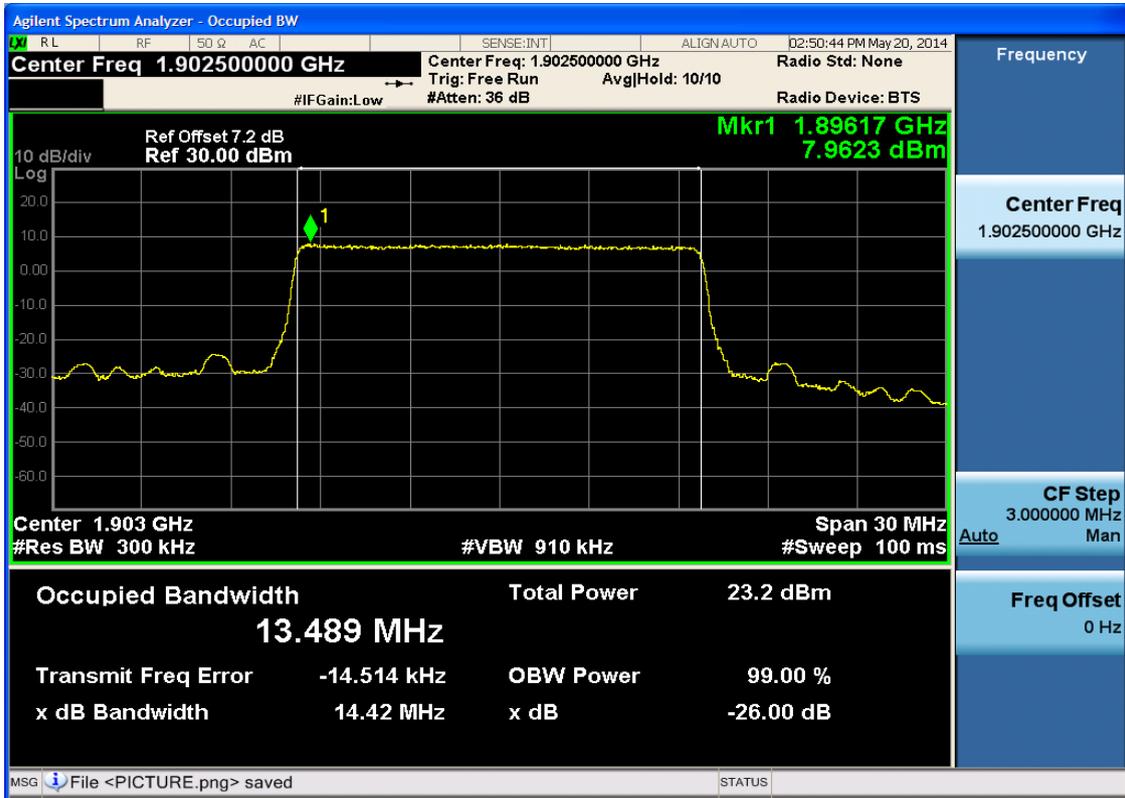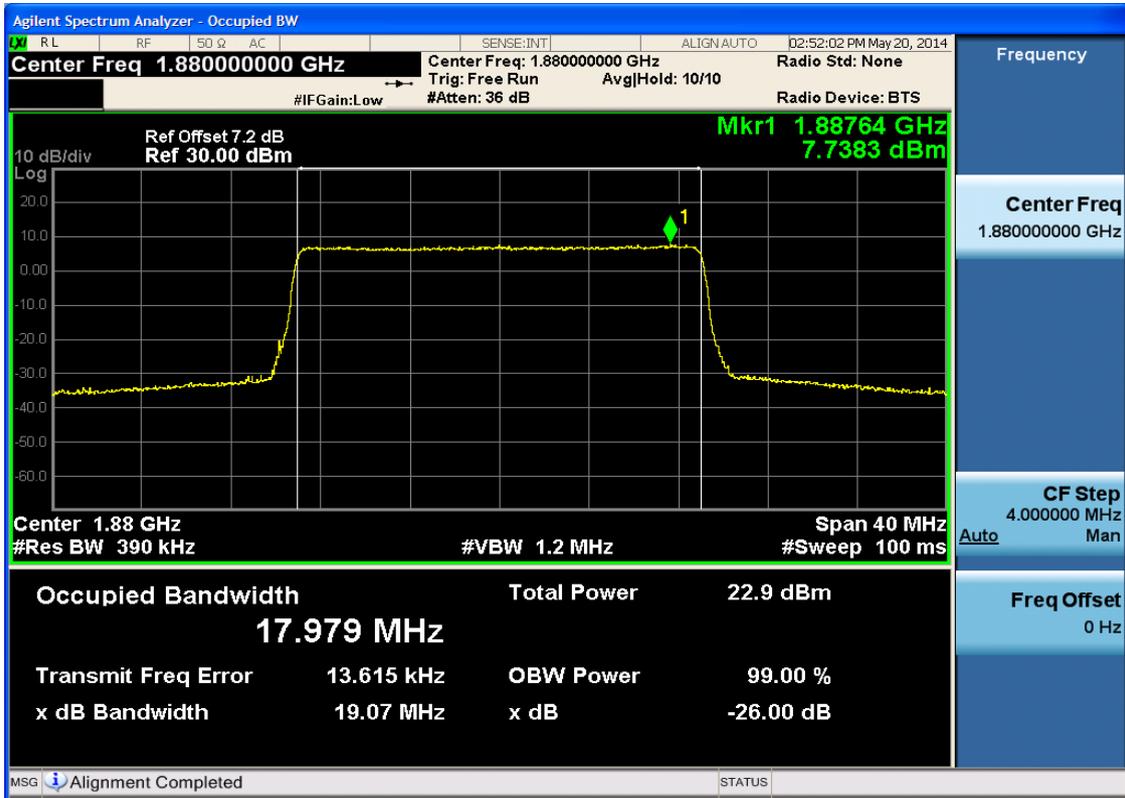
4.3.1.1.4 Test Bandwidth = 20

4.3.1.1.4.1 Test Channel = LCH

4.3.1.1.4.1.1 Test RB = RB100#0

4.3.1.1.4.2 Test Channel = MCH

4.3.1.1.4.2.1 Test RB = RB100#0

4.3.1.1.4.3 Test Channel = HCH

4.3.1.1.4.3.1 Test RB = RB100#0