



Appendix for Test report

1 Appendix_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	31.79	30.93	38.5	PASS
		MCH	31.91	31.23	38.5	PASS
		HCH	31.93	31.01	38.5	PASS
	GSM/TM2	LCH	25.69	24.70	38.5	PASS
		MCH	25.67	24.81	38.5	PASS
		HCH	25.62	24.84	38.5	PASS
WCDMA850	UMTS/TM1	LCH	22.33	21.47	38.5	PASS
		MCH	22.21	21.54	38.5	PASS
		HCH	22.29	21.66	38.5	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.39	32.08	33	PASS
		MCH	29.42	31.99	33	PASS
		HCH	29.18	31.80	33	PASS
	GSM/TM2	LCH	25.05	27.54	33	PASS
		MCH	25.03	27.59	33	PASS
		HCH	25.07	27.83	33	PASS
WCDMA1900	UMTS/TM1	LCH	22.05	24.58	33	PASS
		MCH	22.26	24.96	33	PASS
		HCH	22.07	24.66	33	PASS
WCDMA1700	UMTS/TM1	LCH	22.17	24.24	30	PASS
		MCH	22.10	24.08	30	PASS
		HCH	22.02	24.11	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	5	LCH	RB1#0	22.08	24.49	33	PASS
				RB1#13	22.46	25.03	33	PASS
				RB1#24	22.22	24.72	33	PASS
				RB12#0	21.5	23.90	33	PASS
				RB12#6	21.7	24.42	33	PASS
				RB12#13	21.55	23.95	33	PASS
				RB25#0	21.54	24.03	33	PASS
			MCH	RB1#0	22.34	24.97	33	PASS
				RB1#13	22.37	24.92	33	PASS
				RB1#24	22.2	24.93	33	PASS
				RB12#0	21.53	24.08	33	PASS
				RB12#6	21.62	24.37	33	PASS
				RB12#13	21.46	24.07	33	PASS
				RB25#0	21.52	23.96	33	PASS
			HCH	RB1#0	22.3	24.80	33	PASS
				RB1#13	22.29	24.70	33	PASS
				RB1#24	22.09	24.85	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict		
				RB12#0	21.51	24.12	33	PASS		
				RB12#6	21.39	23.86	33	PASS		
				RB12#13	20.87	23.51	33	PASS		
				RB25#0	21.18	23.83	33	PASS		
		10	LCH		RB1#0	21.98	24.59	33	PASS	
					RB1#25	22.42	25.20	33	PASS	
					RB1#49	22.25	24.70	33	PASS	
					RB25#0	21.4	24.18	33	PASS	
					RB25#13	21.56	24.19	33	PASS	
					RB25#25	21.33	23.84	33	PASS	
					RB50#0	21.41	23.92	33	PASS	
					MCH	RB1#0	22.14	24.75	33	PASS
						RB1#25	22.37	24.80	33	PASS
						RB1#49	22.17	24.68	33	PASS
RB25#0	21.37	23.98	33	PASS						
RB25#13	21.51	23.97	33	PASS						
RB25#25	21.14	23.65	33	PASS						



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB50#0	21.31	24.04	33	PASS
				RB1#0	22.04	24.51	33	PASS
				RB1#25	22.48	25.20	33	PASS
				RB1#49	21.36	24.12	33	PASS
				RB25#0	21.17	23.92	33	PASS
				RB25#13	21.43	24.04	33	PASS
				RB25#25	20.83	23.39	33	PASS
				RB50#0	21	23.42	33	PASS
		15	LCH	RB1#0	22.21	24.98	33	PASS
				RB1#38	22.36	25.11	33	PASS
				RB1#74	22.46	24.92	33	PASS
				RB36#0	21.5	24.26	33	PASS
				RB36#18	21.45	23.96	33	PASS
				RB36#39	21.39	23.96	33	PASS
				RB75#0	21.42	24.04	33	PASS
	MCH	RB1#0	22.32	24.76	33	PASS		
		RB1#38	22.29	24.98	33	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#74	22	24.70	33	PASS	
				RB36#0	21.47	24.10	33	PASS	
				RB36#18	21.52	24.01	33	PASS	
				RB36#39	21.12	23.78	33	PASS	
				RB75#0	21.15	23.57	33	PASS	
			HCH	RB1#0	22.21	24.89	33	PASS	
				RB1#38	22.53	25.14	33	PASS	
				RB1#74	22.51	24.94	33	PASS	
				RB36#0	21.61	24.21	33	PASS	
				RB36#18	21.51	24.28	33	PASS	
				RB36#39	21.12	23.60	33	PASS	
				RB75#0	21.27	23.91	33	PASS	
			20	LCH	RB1#0	22.2	24.98	33	PASS
					RB1#50	22.27	24.86	33	PASS
		RB1#99			22.63	25.40	33	PASS	
		RB50#0			21.39	24.02	33	PASS	
		RB50#25			21.41	23.89	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	21.4	24.04	33	PASS
				RB100#0	21.52	24.12	33	PASS
			MCH	RB1#0	22.33	25.09	33	PASS
				RB1#50	22.41	25.17	33	PASS
				RB1#99	22.02	24.42	33	PASS
				RB50#0	21.51	24.25	33	PASS
				RB50#25	21.5	24.25	33	PASS
				RB50#50	20.99	23.78	33	PASS
				RB100#0	21.3	23.85	33	PASS
				HCH	RB1#0	21.99	24.76	33
			RB1#50		22.61	25.23	33	PASS
			RB1#99		22.46	24.93	33	PASS
			RB50#0		21.21	23.76	33	PASS
			RB50#25		21.78	24.50	33	PASS
			RB50#50		21.15	23.65	33	PASS
			RB100#0		21.16	23.78	33	PASS
			LTE/TM2	5	LCH	RB1#0	21.47	24.17

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.76	24.35	33	PASS
				RB1#24	21.56	24.31	33	PASS
				RB12#0	20.42	22.88	33	PASS
				RB12#6	20.62	23.19	33	PASS
				RB12#13	20.48	23.08	33	PASS
				RB25#0	20.48	23.26	33	PASS
			MCH	RB1#0	21.37	23.84	33	PASS
				RB1#13	21.45	24.10	33	PASS
				RB1#24	21.14	23.71	33	PASS
				RB12#0	20.31	22.71	33	PASS
				RB12#6	20.3	22.94	33	PASS
				RB12#13	20.16	22.93	33	PASS
				RB25#0	20.2	22.78	33	PASS
			HCH	RB1#0	21.47	23.88	33	PASS
				RB1#13	21.05	23.70	33	PASS
				RB1#24	21.27	23.81	33	PASS
				RB12#0	20.43	23.20	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#6	20.19	22.82	33	PASS	
				RB12#13	19.63	22.19	33	PASS	
				RB25#0	20	22.46	33	PASS	
		10	LCH	RB1#0	21.41	23.96	33	PASS	
				RB1#25	21.93	24.59	33	PASS	
				RB1#49	21.78	24.55	33	PASS	
				RB25#0	20.3	22.72	33	PASS	
				RB25#13	20.45	23.19	33	PASS	
				RB25#25	20.22	22.82	33	PASS	
				RB50#0	20.3	22.97	33	PASS	
				MCH	RB1#0	21.56	24.06	33	PASS
					RB1#25	21.75	24.44	33	PASS
					RB1#49	21.42	24.03	33	PASS
					RB25#0	20.09	22.57	33	PASS
					RB25#13	20.22	22.73	33	PASS
RB25#25	19.97	22.40	33		PASS				
RB50#0	20.13	22.87	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.57	24.28	33	PASS
				RB1#25	21.91	24.32	33	PASS
				RB1#49	21.6	24.21	33	PASS
				RB25#0	20.27	22.73	33	PASS
				RB25#13	20.41	23.06	33	PASS
				RB25#25	19.82	22.37	33	PASS
				RB50#0	19.98	22.64	33	PASS
		15	LCH	RB1#0	21.91	24.35	33	PASS
				RB1#38	21.87	24.44	33	PASS
				RB1#74	21.92	24.61	33	PASS
				RB36#0	20.6	23.14	33	PASS
				RB36#18	20.46	23.24	33	PASS
				RB36#39	20.42	23.21	33	PASS
				RB75#0	20.51	23.10	33	PASS
			MCH	RB1#0	21.95	24.46	33	PASS
				RB1#38	21.88	24.53	33	PASS
				RB1#74	21.39	23.87	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict	
				RB36#0	20.62	23.37	33	PASS	
				RB36#18	20.41	22.82	33	PASS	
				RB36#39	20.13	22.77	33	PASS	
				RB75#0	20.12	22.91	33	PASS	
			HCH	RB1#0	21.79	24.47	33	PASS	
				RB1#38	21.97	24.64	33	PASS	
				RB1#74	20.66	23.19	33	PASS	
				RB36#0	20.76	23.28	33	PASS	
				RB36#18	20.67	23.09	33	PASS	
				RB36#39	20.09	22.51	33	PASS	
				RB75#0	20.24	22.87	33	PASS	
				20	LCH	RB1#0	21.79	24.19	33
			RB1#50			21.94	24.53	33	PASS
			RB1#99			21.87	24.58	33	PASS
		RB50#0	20.53			23.20	33	PASS	
		RB50#25	20.46			23.06	33	PASS	
		RB50#50	20.5			23.01	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.67	23.27	33	PASS
			MCH	RB1#0	21.95	24.58	33	PASS
				RB1#50	21.91	24.46	33	PASS
				RB1#99	21.43	23.85	33	PASS
				RB50#0	20.7	23.14	33	PASS
				RB50#25	20.42	23.01	33	PASS
				RB50#50	20.03	22.74	33	PASS
				RB100#0	20.21	22.85	33	PASS
				HCH	RB1#0	21.34	23.81	33
			RB1#50		21.94	24.70	33	PASS
			RB1#99		20.51	23.21	33	PASS
			RB50#0		20.26	22.96	33	PASS
			RB50#25		20.82	23.51	33	PASS
			RB50#50		20.1	22.57	33	PASS
			RB100#0		20.09	22.75	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	5	LCH	RB1#0	22.03	24.15	30	PASS
				RB1#13	22.3	24.47	30	PASS
				RB1#24	22.06	24.29	30	PASS
				RB12#0	21.04	23.34	30	PASS
				RB12#6	21.16	23.10	30	PASS
				RB12#13	21.06	23.28	30	PASS
				RB25#0	20.89	23.04	30	PASS
			MCH	RB1#0	21.92	23.96	30	PASS
				RB1#13	22.17	24.21	30	PASS
				RB1#24	21.82	23.96	30	PASS
				RB12#0	20.87	22.81	30	PASS
				RB12#6	21.01	23.00	30	PASS
				RB12#13	20.9	22.90	30	PASS
				RB25#0	20.86	22.93	30	PASS
			HCH	RB1#0	22.19	24.36	30	PASS
				RB1#13	22.3	24.42	30	PASS
				RB1#24	22.02	24.08	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict	
				RB12#0	21.07	23.05	30	PASS	
				RB12#6	21.18	23.21	30	PASS	
				RB12#13	21.03	23.02	30	PASS	
				RB25#0	21.05	23.09	30	PASS	
		10	LCH	RB1#0	21.76	24.03	30	PASS	
				RB1#25	22.28	24.31	30	PASS	
				RB1#49	22.1	24.04	30	PASS	
				RB25#0	20.68	22.80	30	PASS	
				RB25#13	20.93	22.93	30	PASS	
				RB25#25	20.7	22.72	30	PASS	
				RB50#0	20.67	22.74	30	PASS	
				MCH	RB1#0	21.62	23.76	30	PASS
			RB1#25		22.19	24.35	30	PASS	
			RB1#49		22.05	24.14	30	PASS	
			RB25#0		20.64	22.93	30	PASS	
			RB25#13		20.78	22.96	30	PASS	
			RB25#25		20.59	22.80	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
				RB50#0	20.54	22.53	30	PASS
			HCH	RB1#0	21.82	23.92	30	PASS
				RB1#25	22.29	24.50	30	PASS
				RB1#49	22.04	23.98	30	PASS
				RB25#0	20.73	22.91	30	PASS
				RB25#13	20.96	22.92	30	PASS
				RB25#25	20.72	22.76	30	PASS
				RB50#0	20.71	22.72	30	PASS
		15		LCH	RB1#0	22.1	24.16	30
			RB1#38		22.32	24.44	30	PASS
			RB1#74		22.28	24.46	30	PASS
			RB36#0		20.89	23.04	30	PASS
			RB36#18		21.03	23.26	30	PASS
			RB36#39		20.87	23.20	30	PASS
			RB75#0		20.86	22.90	30	PASS
			MCH	RB1#0	22.01	24.34	30	PASS
				RB1#38	22.24	24.32	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
				RB1#74	22.21	24.18	30	PASS
				RB36#0	20.81	22.98	30	PASS
				RB36#18	20.83	22.85	30	PASS
				RB36#39	20.78	22.72	30	PASS
				RB75#0	20.71	22.81	30	PASS
			HCH	RB1#0	22.01	24.26	30	PASS
				RB1#38	22.35	24.64	30	PASS
				RB1#74	22.2	24.42	30	PASS
				RB36#0	20.86	23.03	30	PASS
				RB36#18	21	23.21	30	PASS
		20	LCH	RB36#39	20.89	23.16	30	PASS
				RB75#0	20.85	22.97	30	PASS
				RB1#0	22.03	24.13	30	PASS
				RB1#50	22.02	24.26	30	PASS
				RB1#99	22.11	24.22	30	PASS
				RB50#0	20.71	22.86	30	PASS
				RB50#25	20.77	22.78	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict		
				RB50#50	20.64	22.95	30	PASS		
				RB100#0	20.67	22.66	30	PASS		
			MCH	RB1#0	22.02	24.04	30	PASS		
				RB1#50	22.22	24.23	30	PASS		
				RB1#99	22.27	24.25	30	PASS		
				RB50#0	20.77	22.75	30	PASS		
				RB50#25	20.78	22.73	30	PASS		
				RB50#50	20.76	22.70	30	PASS		
				RB100#0	20.7	22.81	30	PASS		
				HCH	RB1#0	22.01	24.15	30	PASS	
			RB1#50		22.2	24.42	30	PASS		
			RB1#99		22.26	24.22	30	PASS		
			RB50#0		20.8	22.80	30	PASS		
			RB50#25		20.93	22.94	30	PASS		
			RB50#50		20.86	22.99	30	PASS		
			RB100#0		20.83	22.78	30	PASS		
			LTE/TM2	5	LCH	RB1#0	21.07	23.25	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
				RB1#13	21.34	23.35	30	PASS
				RB1#24	20.96	23.11	30	PASS
				RB12#0	19.96	22.14	30	PASS
				RB12#6	20.11	22.33	30	PASS
				RB12#13	20	22.02	30	PASS
				RB25#0	19.94	22.19	30	PASS
			MCH	RB1#0	20.77	22.84	30	PASS
				RB1#13	21.09	23.40	30	PASS
				RB1#24	20.68	22.94	30	PASS
				RB12#0	19.75	22.04	30	PASS
				RB12#6	19.89	21.85	30	PASS
				RB12#13	19.77	21.70	30	PASS
				RB25#0	19.78	21.72	30	PASS
			HCH	RB1#0	20.93	23.11	30	PASS
				RB1#13	21.14	23.44	30	PASS
				RB1#24	20.91	23.15	30	PASS
				RB12#0	19.92	22.15	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict	
				RB12#6	20.04	22.25	30	PASS	
				RB12#13	19.9	21.96	30	PASS	
				RB25#0	19.9	22.17	30	PASS	
		10	LCH	RB1#0	20.97	23.09	30	PASS	
				RB1#25	21.33	23.27	30	PASS	
				RB1#49	21.2	23.45	30	PASS	
				RB25#0	19.67	21.69	30	PASS	
				RB25#13	19.91	22.11	30	PASS	
				RB25#25	19.67	21.85	30	PASS	
				RB50#0	19.63	21.62	30	PASS	
				MCH	RB1#0	20.72	22.92	30	PASS
					RB1#25	21.23	23.51	30	PASS
					RB1#49	21.14	23.11	30	PASS
					RB25#0	19.54	21.74	30	PASS
					RB25#13	19.84	21.94	30	PASS
RB25#25	19.53	21.82	30		PASS				
RB50#0	19.61	21.58	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.03	22.97	30	PASS
				RB1#25	21.47	23.42	30	PASS
				RB1#49	21.42	23.47	30	PASS
				RB25#0	19.84	21.83	30	PASS
				RB25#13	20.09	22.10	30	PASS
				RB25#25	19.73	21.78	30	PASS
				RB50#0	19.82	22.03	30	PASS
		15	LCH	RB1#0	21.36	23.59	30	PASS
				RB1#38	21.42	23.74	30	PASS
				RB1#74	21.4	23.49	30	PASS
				RB36#0	19.85	22.15	30	PASS
				RB36#18	19.94	22.21	30	PASS
				RB36#39	19.77	21.84	30	PASS
				RB75#0	19.79	22.03	30	PASS
			MCH	RB1#0	21.15	23.32	30	PASS
				RB1#38	21.37	23.62	30	PASS
				RB1#74	21.43	23.42	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
				RB36#0	19.67	21.90	30	PASS
				RB36#18	19.82	21.84	30	PASS
				RB36#39	19.67	21.75	30	PASS
				RB75#0	19.71	21.99	30	PASS
			HCH	RB1#0	21.25	23.43	30	PASS
				RB1#38	21.53	23.62	30	PASS
				RB1#74	21.51	23.73	30	PASS
				RB36#0	19.92	22.14	30	PASS
		RB36#18	20.08	22.13	30	PASS		
		RB36#39	20	22.13	30	PASS		
		RB75#0	19.94	22.05	30	PASS		
		20	LCH	RB1#0	21.37	23.67	30	PASS
				RB1#50	21.34	23.53	30	PASS
				RB1#99	21.41	23.52	30	PASS
				RB50#0	19.83	21.93	30	PASS
				RB50#25	19.88	22.00	30	PASS
				RB50#50	19.74	21.87	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
				RB100#0	19.77	21.83	30	PASS
			MCH	RB1#0	21.22	23.50	30	PASS
				RB1#50	21.41	23.62	30	PASS
				RB1#99	21.49	23.72	30	PASS
				RB50#0	19.65	21.65	30	PASS
				RB50#25	19.79	21.89	30	PASS
				RB50#50	19.66	21.71	30	PASS
				RB100#0	19.7	21.99	30	PASS
				HCH	RB1#0	21.14	23.39	30
			RB1#50		21.36	23.48	30	PASS
			RB1#99		21.47	23.71	30	PASS
			RB50#0		19.73	21.88	30	PASS
			RB50#25		20.01	22.27	30	PASS
			RB50#50		19.96	21.90	30	PASS
			RB100#0		19.9	22.10	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	5	LCH	RB1#0	22.59	21.66	38.5	PASS
				RB1#13	22.77	21.88	38.5	PASS
				RB1#24	22.42	21.57	38.5	PASS
				RB12#0	21.4	20.57	38.5	PASS
				RB12#6	21.47	20.67	38.5	PASS
				RB12#13	21.31	20.39	38.5	PASS
				RB25#0	21.32	20.67	38.5	PASS
			MCH	RB1#0	22.52	21.88	38.5	PASS
				RB1#13	22.79	21.90	38.5	PASS
				RB1#24	22.8	21.88	38.5	PASS
				RB12#0	21.58	20.60	38.5	PASS
				RB12#6	21.66	20.81	38.5	PASS
				RB12#13	21.55	20.61	38.5	PASS
				RB25#0	21.54	20.71	38.5	PASS
			HCH	RB1#0	22.25	21.61	38.5	PASS
				RB1#13	22.43	21.50	38.5	PASS
				RB1#24	22.32	21.38	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict	
				RB12#0	20.96	20.25	38.5	PASS	
				RB12#6	21.07	20.16	38.5	PASS	
				RB12#13	21.08	20.22	38.5	PASS	
				RB25#0	21.05	20.24	38.5	PASS	
		10	LCH	RB1#0	22.32	21.51	38.5	PASS	
				RB1#25	22.66	21.74	38.5	PASS	
				RB1#49	22.68	22.04	38.5	PASS	
				RB25#0	21.19	20.45	38.5	PASS	
				RB25#13	21.4	20.78	38.5	PASS	
				RB25#25	21.09	20.15	38.5	PASS	
				RB50#0	21.13	20.28	38.5	PASS	
				MCH	RB1#0	22.27	21.56	38.5	PASS
					RB1#25	22.82	22.18	38.5	PASS
					RB1#49	22.62	21.68	38.5	PASS
					RB25#0	21.29	20.54	38.5	PASS
					RB25#13	21.55	20.65	38.5	PASS
					RB25#25	21.27	20.42	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
			HCH	RB50#0	21.26	20.41	38.5	PASS
				RB1#0	22.27	21.45	38.5	PASS
				RB1#25	22.48	21.75	38.5	PASS
				RB1#49	22.38	21.70	38.5	PASS
				RB25#0	20.97	20.32	38.5	PASS
				RB25#13	21	20.40	38.5	PASS
				RB25#25	20.83	20.01	38.5	PASS
				RB50#0	20.88	19.94	38.5	PASS
	LTE/TM2	5	LCH	RB1#0	21.36	20.48	38.5	PASS
				RB1#13	21.55	20.72	38.5	PASS
				RB1#24	21.22	20.60	38.5	PASS
				RB12#0	20.38	19.71	38.5	PASS
				RB12#6	20.46	19.75	38.5	PASS
				RB12#13	20.13	19.47	38.5	PASS
				RB25#0	20.37	19.47	38.5	PASS
MCH	RB1#0	21.23	20.43	38.5	PASS			
	RB1#13	21.56	20.94	38.5	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
				RB1#24	21.42	20.75	38.5	PASS
				RB12#0	20.38	19.44	38.5	PASS
				RB12#6	20.47	19.68	38.5	PASS
				RB12#13	20.49	19.79	38.5	PASS
				RB25#0	20.4	19.68	38.5	PASS
			HCH	RB1#0	21.03	20.08	38.5	PASS
				RB1#13	21.25	20.34	38.5	PASS
				RB1#24	21.17	20.57	38.5	PASS
				RB12#0	19.93	19.26	38.5	PASS
				RB12#6	20.05	19.26	38.5	PASS
		10	LCH	RB12#13	20.08	19.37	38.5	PASS
				RB25#0	20.06	19.44	38.5	PASS
				RB1#0	21.36	20.68	38.5	PASS
				RB1#25	21.71	20.80	38.5	PASS
				RB1#49	21.64	20.74	38.5	PASS
				RB25#0	20	19.41	38.5	PASS
				RB25#13	20.17	19.46	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
				RB25#25	20.01	19.35	38.5	PASS
				RB50#0	20.05	19.37	38.5	PASS
			MCH	RB1#0	21.39	20.58	38.5	PASS
				RB1#25	21.9	21.17	38.5	PASS
				RB1#49	21.71	20.77	38.5	PASS
				RB25#0	20.08	19.30	38.5	PASS
				RB25#13	20.46	19.63	38.5	PASS
				RB25#25	20.06	19.34	38.5	PASS
				RB50#0	20.09	19.48	38.5	PASS
				HCH	RB1#0	21.33	20.70	38.5
			RB1#25		21.42	20.74	38.5	PASS
			RB1#49		21.36	20.62	38.5	PASS
			RB25#0		19.77	18.85	38.5	PASS
			RB25#13		19.94	19.32	38.5	PASS
			RB25#25		19.79	18.87	38.5	PASS
			RB50#0		19.87	19.07	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	ERP/EIR P [dBm]	Limit [dBm]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	21.98	25.44	33	PASS
				RB1#13	22.28	25.58	33	PASS
				RB1#24	22.15	25.57	33	PASS
				RB12#0	20.92	24.34	33	PASS
				RB12#6	21.16	24.41	33	PASS
				RB12#13	21.18	24.65	33	PASS
				RB25#0	21.05	24.42	33	PASS
			MCH	RB1#0	21.86	25.35	33	PASS
				RB1#13	21.97	25.49	33	PASS
				RB1#24	21.82	25.04	33	PASS
				RB12#0	21.01	24.44	33	PASS
				RB12#6	21.07	24.39	33	PASS
				RB12#13	20.93	24.11	33	PASS
				RB25#0	20.95	24.39	33	PASS
			HCH	RB1#0	21.97	25.44	33	PASS
				RB1#13	22.08	25.44	33	PASS
				RB1#24	21.81	25.14	33	PASS



				RB12#0	21.07	24.25	33	PASS	
				RB12#6	21.18	24.38	33	PASS	
				RB12#13	20.97	24.35	33	PASS	
				RB25#0	21.05	24.25	33	PASS	
		10	LCH		RB1#0	22.06	25.34	33	PASS
					RB1#25	22.43	25.8	33	PASS
					RB1#49	22.28	25.61	33	PASS
					RB25#0	20.98	24.17	33	PASS
					RB25#13	21.28	24.71	33	PASS
					RB25#25	21.05	24.55	33	PASS
					RB50#0	20.99	24.44	33	PASS
			MCH		RB1#0	21.88	25.4	33	PASS
					RB1#25	22	25.26	33	PASS
					RB1#49	21.95	25.34	33	PASS
					RB25#0	20.83	24.08	33	PASS
					RB25#13	20.99	24.44	33	PASS
				RB25#25	20.73	24.05	33	PASS	
		HCH		RB50#0	20.75	24.12	33	PASS	
			HCH		RB1#0	21.9	25.13	33	PASS

				RB1#25	22.15	25.42	33	PASS
				RB1#49	21.88	25.07	33	PASS
				RB25#0	20.85	24.11	33	PASS
				RB25#13	21.14	24.66	33	PASS
				RB25#25	20.88	24.15	33	PASS
				RB50#0	21.01	24.2	33	PASS
		15	LCH	RB1#0	21.87	25.13	33	PASS
				RB1#38	22.41	25.76	33	PASS
				RB1#74	22.27	25.53	33	PASS
				RB36#0	21.08	24.26	33	PASS
				RB36#18	21.24	24.49	33	PASS
				RB36#39	21.25	24.39	33	PASS
		MCH	RB75#0	21.22	24.6	33	PASS	
			RB1#0	21.88	25.22	33	PASS	
			RB1#38	22.11	25.29	33	PASS	
			RB1#74	22.1	25.47	33	PASS	
			RB36#0	21.08	24.44	33	PASS	
			RB36#18	21.09	24.58	33	PASS	
			RB36#39	20.96	24.42	33	PASS	

				RB75#0	20.97	24.27	33	PASS
			HCH	RB1#0	22.22	25.48	33	PASS
				RB1#38	22.29	25.5	33	PASS
				RB1#74	22.05	25.25	33	PASS
				RB36#0	21.24	24.39	33	PASS
				RB36#18	21.3	24.49	33	PASS
				RB36#39	21.2	24.36	33	PASS
				RB75#0	21.24	24.45	33	PASS
		20		LCH	RB1#0	21.9	25.22	33
			RB1#50		22.45	25.7	33	PASS
			RB1#99		22.18	25.38	33	PASS
			RB50#0		21.22	24.38	33	PASS
			RB50#25		21.32	24.61	33	PASS
			RB50#50		21.24	24.44	33	PASS
			RB100#0		21.25	24.52	33	PASS
			MCH	RB1#0	21.94	25.44	33	PASS
				RB1#50	22.12	25.56	33	PASS
				RB1#99	22.01	25.52	33	PASS
				RB50#0	21.07	24.49	33	PASS

				RB50#25	21.06	24.34	33	PASS
				RB50#50	20.96	24.34	33	PASS
				RB100#0	20.98	24.11	33	PASS
			HCH	RB1#0	22.11	25.6	33	PASS
				RB1#50	22.37	25.9	33	PASS
				RB1#99	21.95	25.27	33	PASS
				RB50#0	21.16	24.36	33	PASS
				RB50#25	21.37	24.77	33	PASS
				RB50#50	21.13	24.58	33	PASS
				RB100#0	21.24	24.42	33	PASS
				LCH	RB1#0	21.15	24.54	33
			RB1#13		21.59	25.07	33	PASS
			RB1#24		21.42	24.74	33	PASS
			RB12#0		20.75	24.06	33	PASS
			RB12#6		20.95	24.17	33	PASS
RB12#13	20.84	24.18	33		PASS			
RB25#0	20.81	23.94	33		PASS			
MCH	RB1#0	21.04	24.49	33	PASS			
	RB1#13	21.18	24.53	33	PASS			

				RB1#24	20.92	24.3	33	PASS
				RB12#0	20.53	24.01	33	PASS
				RB12#6	20.61	23.79	33	PASS
				RB12#13	20.46	23.59	33	PASS
				RB25#0	20.52	24.02	33	PASS
			HCH	RB1#0	21.06	24.41	33	PASS
				RB1#13	21.16	24.48	33	PASS
				RB1#24	20.88	24.28	33	PASS
				RB12#0	20.54	23.7	33	PASS
				RB12#6	20.56	23.88	33	PASS
		10	LCH	RB12#13	20.34	23.47	33	PASS
				RB25#0	20.47	23.77	33	PASS
				RB1#0	20.7	24.1	33	PASS
				RB1#25	21.66	24.8	33	PASS
				RB1#49	21.43	24.7	33	PASS
				RB25#0	20.39	23.75	33	PASS
				RB25#13	20.67	23.96	33	PASS
		RB25#25	20.43	23.62	33	PASS		
			RB50#0	20.5	23.8	33	PASS	

			MCH	RB1#0	20.94	24.11	33	PASS
				RB1#25	21.4	24.8	33	PASS
				RB1#49	21.26	24.48	33	PASS
				RB25#0	20.29	23.59	33	PASS
				RB25#13	20.49	23.9	33	PASS
				RB25#25	20.3	23.69	33	PASS
				RB50#0	20.33	23.7	33	PASS
			HCH	RB1#0	21.11	24.36	33	PASS
				RB1#25	21.53	24.74	33	PASS
				RB1#49	21.2	24.4	33	PASS
				RB25#0	20.4	23.79	33	PASS
				RB25#13	20.59	24.06	33	PASS
				RB25#25	20.32	23.76	33	PASS
				RB50#0	20.43	23.57	33	PASS
			15	LCH	RB1#0	21.2	24.55	33
RB1#38	21.68	24.91			33	PASS		
RB1#74	21.35	24.78			33	PASS		
RB36#0	20.79	23.94			33	PASS		
RB36#18	20.93	24.37			33	PASS		

				RB36#39	20.69	24.21	33	PASS
				RB75#0	20.68	24.02	33	PASS
			MCH	RB1#0	21.12	24.58	33	PASS
				RB1#38	21.34	24.49	33	PASS
				RB1#74	21.42	24.68	33	PASS
				RB36#0	20.49	23.95	33	PASS
				RB36#18	20.52	23.97	33	PASS
				RB36#39	20.42	23.71	33	PASS
			RB75#0	20.38	23.77	33	PASS	
			HCH	RB1#0	21.33	24.73	33	PASS
				RB1#38	21.35	24.86	33	PASS
				RB1#74	21.19	24.35	33	PASS
				RB36#0	20.49	23.71	33	PASS
				RB36#18	20.7	24.2	33	PASS
		RB36#39		20.43	23.61	33	PASS	
		RB75#0	20.56	23.99	33	PASS		
		20	LCH	RB1#0	21.34	24.55	33	PASS
				RB1#50	21.7	24.86	33	PASS
				RB1#99	21.43	24.6	33	PASS

				RB50#0	20.63	23.79	33	PASS
				RB50#25	20.81	24.33	33	PASS
				RB50#50	20.61	23.94	33	PASS
				RB100#0	20.64	23.89	33	PASS
			MCH	RB1#0	21.11	24.37	33	PASS
				RB1#50	21.36	24.71	33	PASS
				RB1#99	21.13	24.59	33	PASS
				RB50#0	20.42	23.74	33	PASS
				RB50#25	20.44	23.66	33	PASS
				RB50#50	20.37	23.87	33	PASS
				RB100#0	20.36	23.52	33	PASS
			HCH	RB1#0	21.3	24.48	33	PASS
				RB1#50	21.47	24.69	33	PASS
				RB1#99	21.07	24.34	33	PASS
				RB50#0	20.49	23.85	33	PASS
				RB50#25	20.67	24.14	33	PASS
				RB50#50	20.42	23.65	33	PASS
				RB100#0	20.44	23.63	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,

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

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

b, SGP=Signal Generator Level

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

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band	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	2.9	13	PASS
		MCH	3	13	PASS
		HCH	2.98	13	PASS

WCDMA1700	UMTS/TM1	LCH	3.27	13	PASS
		MCH	3.39	13	PASS
		HCH	3.25	13	PASS
WCDMA1900	UMTS/TM1	LCH	3.27	13	PASS
		MCH	3.15	13	PASS
		HCH	3.01	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	4.09	13	PASS
				RB1#13	3.62	13	PASS
				RB1#24	3.84	13	PASS
				RB12#0	4.09	13	PASS
				RB12#6	3.9	13	PASS
				RB12#13	4.12	13	PASS
			RB25#0	5.18	13	PASS	
			MCH	RB1#0	3.84	13	PASS
				RB1#13	3.5	13	PASS
				RB1#24	3.66	13	PASS
				RB12#0	3.93	13	PASS
				RB12#6	3.7	13	PASS
				RB12#13	3.93	13	PASS
			HCH	RB25#0	5.09	13	PASS
				RB1#0	3.38	13	PASS
				RB1#13	3.14	13	PASS
				RB1#24	3.39	13	PASS
				RB12#0	3.65	13	PASS
		RB12#6		3.41	13	PASS	
		10	LCH	RB12#13	3.59	13	PASS
				RB25#0	4.17	13	PASS
				RB1#0	3.87	13	PASS
				RB1#25	3.66	13	PASS
				RB1#49	3.74	13	PASS
				RB25#0	4.22	13	PASS
			MCH	RB25#13	4.21	13	PASS
				RB25#25	4.33	13	PASS
				RB50#0	4.76	13	PASS
				RB1#0	3.85	13	PASS
				RB1#25	3.47	13	PASS
RB1#49	3.6			13	PASS		
HCH	RB25#0	4.01	13	PASS			
	RB25#13	3.82	13	PASS			
	RB25#25	3.98	13	PASS			
			RB50#0	4.88	13	PASS	
			RB1#0	3.69	13	PASS	
			RB1#25	3.19	13	PASS	
			RB1#49	3.4	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		15		RB25#0	4.06	13	PASS
				RB25#13	3.59	13	PASS
				RB25#25	3.75	13	PASS
				RB50#0	4.19	13	PASS
			LCH	RB1#0	4.15	13	PASS
				RB1#38	3.66	13	PASS
				RB1#74	3.86	13	PASS
				RB36#0	4.23	13	PASS
				RB36#18	4.16	13	PASS
				RB36#39	4.31	13	PASS
			RB75#0	5.03	13	PASS	
			MCH	RB1#0	3.58	13	PASS
		RB1#38		3.42	13	PASS	
		RB1#74		3.66	13	PASS	
		RB36#0		4.05	13	PASS	
		RB36#18		3.98	13	PASS	
		RB36#39		4.03	13	PASS	
		RB75#0	4.94	13	PASS		
		HCH	RB1#0	3.89	13	PASS	
			RB1#38	3.4	13	PASS	
			RB1#74	3.58	13	PASS	
			RB36#0	4.15	13	PASS	
			RB36#18	3.93	13	PASS	
			RB36#39	3.8	13	PASS	
		RB75#0	4.76	13	PASS		
		20	LCH	RB1#0	3.9	13	PASS
				RB1#50	3.62	13	PASS
				RB1#99	3.72	13	PASS
				RB50#0	4.25	13	PASS
				RB50#25	4.25	13	PASS
				RB50#50	4.38	13	PASS
			RB100#0	5.09	13	PASS	
MCH	RB1#0		3.82	13	PASS		
	RB1#50		3.47	13	PASS		
	RB1#99		3.88	13	PASS		
	RB50#0		4.07	13	PASS		
	RB50#25		3.91	13	PASS		
	RB50#50	4.05	13	PASS			
RB100#0	4.94	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			HCH	RB1#0	3.66	13	PASS	
				RB1#50	3.49	13	PASS	
				RB1#99	3.56	13	PASS	
				RB50#0	4.28	13	PASS	
				RB50#25	3.92	13	PASS	
				RB50#50	3.94	13	PASS	
				RB100#0	4.88	13	PASS	
			LCH	RB1#0	4.38	13	PASS	
				RB1#13	3.69	13	PASS	
				RB1#24	3.88	13	PASS	
				RB12#0	4.53	13	PASS	
				RB12#6	4.43	13	PASS	
				RB12#13	4.45	13	PASS	
				RB25#0	5.12	13	PASS	
	MCH	RB1#0	3.99	13	PASS			
		RB1#13	3.82	13	PASS			
		RB1#24	3.47	13	PASS			
		RB12#0	4.37	13	PASS			
		RB12#6	4.33	13	PASS			
		RB12#13	4.32	13	PASS			
	HCH	RB25#0	5.07	13	PASS			
		RB1#0	3.56	13	PASS			
		RB1#13	3.45	13	PASS			
		RB1#24	3.5	13	PASS			
		RB12#0	4.12	13	PASS			
		RB12#6	4.01	13	PASS			
	5		LCH	RB12#13	4.04	13	PASS	
				RB25#0	4.89	13	PASS	
				RB1#0	4.13	13	PASS	
				RB1#25	3.78	13	PASS	
RB1#49				3.96	13	PASS		
RB25#0				4.65	13	PASS		
RB25#13				4.59	13	PASS		
RB25#25			4.63	13	PASS			
RB50#0			5.2	13	PASS			
MCH			RB1#0	4.47	13	PASS		
			RB1#25	3.5	13	PASS		
			RB1#49	3.88	13	PASS		
RB25#0			4.4	13	PASS			
10						RB1#0	4.47	13
		RB1#25				3.5	13	PASS
		RB1#49				3.88	13	PASS
	RB25#0	4.4				13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#13	4.53	13	PASS	
				RB25#25	4.38	13	PASS	
				RB50#0	5.15	13	PASS	
			HCH	RB1#0	4.23	13	PASS	
				RB1#25	3.27	13	PASS	
				RB1#49	3.9	13	PASS	
				RB25#0	4.42	13	PASS	
				RB25#13	4.28	13	PASS	
				RB25#25	4.28	13	PASS	
				RB50#0	4.89	13	PASS	
			15	LCH	RB1#0	4.59	13	PASS
					RB1#38	3.89	13	PASS
		RB1#74			4.25	13	PASS	
		RB36#0			4.55	13	PASS	
		RB36#18			4.57	13	PASS	
		RB36#39			4.58	13	PASS	
		RB75#0		5.42	13	PASS		
		MCH		RB1#0	4.51	13	PASS	
				RB1#38	3.73	13	PASS	
				RB1#74	4.11	13	PASS	
				RB36#0	4.38	13	PASS	
			RB36#18	4.34	13	PASS		
			RB36#39	4.37	13	PASS		
		HCH	RB75#0	5.37	13	PASS		
			RB1#0	4.47	13	PASS		
			RB1#38	3.55	13	PASS		
			RB1#74	3.93	13	PASS		
			RB36#0	4.55	13	PASS		
			RB36#18	4.41	13	PASS		
			RB36#39	4.33	13	PASS		
		20	LCH	RB75#0	5.28	13	PASS	
				RB1#0	4	13	PASS	
				RB1#50	3.88	13	PASS	
RB1#99	3.83			13	PASS			
RB50#0	4.71			13	PASS			
RB50#25	4.46			13	PASS			
RB50#50	4.64			13	PASS			
RB100#0	5.6		13	PASS				
MCH	RB1#0	3.81	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	3.61	13	PASS			
				RB1#99	3.7	13	PASS			
				RB50#0	4.45	13	PASS			
				RB50#25	4.3	13	PASS			
				RB50#50	4.44	13	PASS			
				RB100#0	5.32	13	PASS			
			HCH	RB1#0	3.61	13	PASS			
				RB1#50	3.54	13	PASS			
				RB1#99	3.38	13	PASS			
				RB50#0	4.67	13	PASS			
				RB50#25	4.42	13	PASS			
				RB50#50	4.54	13	PASS			
			BAND4	LTE/TM1	5	LCH	RB1#0	4.13	13	PASS
							RB1#13	3.46	13	PASS
RB1#24	3.54	13					PASS			
RB12#0	4.27	13					PASS			
RB12#6	4.15	13					PASS			
RB12#13	4.24	13					PASS			
MCH	RB25#0	5.32				13	PASS			
	RB1#0	4.02				13	PASS			
	RB1#13	3.71				13	PASS			
	RB1#24	3.75				13	PASS			
	RB12#0	4.42				13	PASS			
	RB12#6	4.46				13	PASS			
HCH	RB12#13	4.41				13	PASS			
	RB25#0	4.99			13	PASS				
	RB1#0	3.76	13	PASS						
	RB1#13	3.46	13	PASS						
	RB1#24	3.55	13	PASS						
	RB12#0	4.32	13	PASS						
	RB12#6	4.19	13	PASS						
10	LCH	RB12#13	4.27	13	PASS					
		RB25#0	4.91	13	PASS					
		RB1#0	3.84	13	PASS					
		RB1#25	3.52	13	PASS					
		RB1#49	3.78	13	PASS					
				RB25#0	4.34	13	PASS			
				RB25#13	4.27	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	4.34	13	PASS
				RB50#0	4.78	13	PASS
			MCH	RB1#0	4.11	13	PASS
				RB1#25	3.77	13	PASS
				RB1#49	3.83	13	PASS
				RB25#0	4.44	13	PASS
				RB25#13	4.38	13	PASS
				RB25#25	4.45	13	PASS
			RB50#0	5.08	13	PASS	
			HCH	RB1#0	3.82	13	PASS
				RB1#25	3.54	13	PASS
				RB1#49	3.72	13	PASS
				RB25#0	4.3	13	PASS
				RB25#13	4.22	13	PASS
				RB25#25	4.29	13	PASS
		RB50#0	4.88	13	PASS		
		15	LCH	RB1#0	4.68	13	PASS
				RB1#38	3.51	13	PASS
				RB1#74	4.2	13	PASS
				RB36#0	4.44	13	PASS
				RB36#18	4.36	13	PASS
				RB36#39	4.48	13	PASS
			RB75#0	5.28	13	PASS	
			MCH	RB1#0	4.66	13	PASS
				RB1#38	3.68	13	PASS
				RB1#74	4.11	13	PASS
				RB36#0	4.46	13	PASS
				RB36#18	4.45	13	PASS
				RB36#39	4.5	13	PASS
			RB75#0	5.31	13	PASS	
			HCH	RB1#0	4.63	13	PASS
				RB1#38	3.52	13	PASS
				RB1#74	4.03	13	PASS
RB36#0	4.41			13	PASS		
RB36#18	4.42	13		PASS			
RB36#39	4.35	13		PASS			
RB75#0	5.21	13	PASS				
20	LCH	RB1#0	3.55	13	PASS		
		RB1#50	3.57	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	3.6	13	PASS
				RB50#0	4.4	13	PASS
				RB50#25	4.37	13	PASS
				RB50#50	4.53	13	PASS
				RB100#0	5.11	13	PASS
			MCH	RB1#0	3.61	13	PASS
				RB1#50	3.65	13	PASS
				RB1#99	3.54	13	PASS
				RB50#0	4.53	13	PASS
				RB50#25	4.42	13	PASS
				RB50#50	4.57	13	PASS
				RB100#0	5.13	13	PASS
			HCH	RB1#0	3.65	13	PASS
				RB1#50	3.53	13	PASS
				RB1#99	3.43	13	PASS
				RB50#0	4.45	13	PASS
				RB50#25	4.38	13	PASS
				RB50#50	4.43	13	PASS
	RB100#0	5.12		13	PASS		
	LTE/TM2	5	LCH	RB1#0	4.83	13	PASS
				RB1#13	4.06	13	PASS
				RB1#24	3.96	13	PASS
				RB12#0	4.58	13	PASS
				RB12#6	4.42	13	PASS
				RB12#13	4.45	13	PASS
				RB25#0	5.71	13	PASS
			MCH	RB1#0	5.08	13	PASS
				RB1#13	4.14	13	PASS
				RB1#24	4.07	13	PASS
				RB12#0	4.59	13	PASS
RB12#6				4.43	13	PASS	
RB12#13	4.56	13		PASS			
HCH	RB25#0	5.74	13	PASS			
	RB1#0	5.18	13	PASS			
	RB1#13	3.94	13	PASS			
	RB1#24	4.36	13	PASS			
	RB12#0	4.58	13	PASS			
	RB12#6	4.43	13	PASS			
				RB12#13	4.53	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	5.48	13	PASS
				RB1#0	4.22	13	PASS
				RB1#25	4.2	13	PASS
				RB1#49	4.18	13	PASS
				RB25#0	4.61	13	PASS
				RB25#13	4.67	13	PASS
				RB25#25	4.62	13	PASS
			RB50#0	5.37	13	PASS	
			MCH	RB1#0	3.9	13	PASS
				RB1#25	4.21	13	PASS
				RB1#49	4.19	13	PASS
				RB25#0	4.65	13	PASS
				RB25#13	4.66	13	PASS
				RB25#25	4.69	13	PASS
				RB50#0	5.6	13	PASS
			HCH	RB1#0	4.41	13	PASS
				RB1#25	3.91	13	PASS
				RB1#49	4.28	13	PASS
		RB25#0		4.63	13	PASS	
		RB25#13		4.66	13	PASS	
		RB25#25		4.59	13	PASS	
		RB50#0		5.6	13	PASS	
		15	LCH	RB1#0	4.76	13	PASS
				RB1#38	3.72	13	PASS
				RB1#74	4.57	13	PASS
				RB36#0	4.63	13	PASS
				RB36#18	4.52	13	PASS
				RB36#39	4.6	13	PASS
				RB75#0	5.74	13	PASS
			MCH	RB1#0	4.87	13	PASS
				RB1#38	3.91	13	PASS
				RB1#74	4.54	13	PASS
				RB36#0	4.65	13	PASS
				RB36#18	4.57	13	PASS
				RB36#39	4.62	13	PASS
				RB75#0	5.81	13	PASS
HCH	RB1#0		4.98	13	PASS		
	RB1#38		3.92	13	PASS		
	RB1#74		4.45	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB36#0	4.63	13	PASS	
				RB36#18	4.55	13	PASS	
				RB36#39	4.54	13	PASS	
				RB75#0	5.63	13	PASS	
			20	LCH	RB1#0	4.08	13	PASS
					RB1#50	4.31	13	PASS
					RB1#99	4.05	13	PASS
					RB50#0	4.69	13	PASS
		RB50#25			4.53	13	PASS	
		RB50#50			4.7	13	PASS	
		RB100#0			5.47	13	PASS	
		MCH			RB1#0	4.16	13	PASS
				RB1#50	3.93	13	PASS	
				RB1#99	3.96	13	PASS	
				RB50#0	4.69	13	PASS	
				RB50#25	4.62	13	PASS	
				RB50#50	4.75	13	PASS	
				RB100#0	5.79	13	PASS	
				HCH	RB1#0	4.01	13	PASS
		RB1#50			3.93	13	PASS	
		RB1#99	3.85		13	PASS		
		RB50#0	4.71		13	PASS		
		RB50#25	4.65		13	PASS		
		RB50#50	4.73		13	PASS		
RB100#0	5.48	13	PASS					
BAND5	LTE/TM1	5	LCH		RB1#0	4.03	13	PASS
				RB1#13	3.55	13	PASS	
				RB1#24	3.76	13	PASS	
				RB12#0	4.37	13	PASS	
				RB12#6	4.44	13	PASS	
				RB12#13	4.45	13	PASS	
				RB25#0	4.84	13	PASS	
			MCH	RB1#0	3.76	13	PASS	
				RB1#13	3.41	13	PASS	
				RB1#24	3.63	13	PASS	
				RB12#0	4.28	13	PASS	
				RB12#6	4.15	13	PASS	
				RB12#13	4.3	13	PASS	
				RB25#0	5.42	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	HCH	RB1#0	4.02	13	PASS
				RB1#13	3.66	13	PASS
				RB1#24	3.77	13	PASS
				RB12#0	4.43	13	PASS
				RB12#6	4.32	13	PASS
				RB12#13	4.43	13	PASS
			RB25#0	5.47	13	PASS	
			LCH	RB1#0	3.75	13	PASS
				RB1#25	3.59	13	PASS
				RB1#49	3.49	13	PASS
				RB25#0	4.55	13	PASS
				RB25#13	4.3	13	PASS
		RB25#25		4.44	13	PASS	
		MCH	RB50#0	5.46	13	PASS	
			RB1#0	3.65	13	PASS	
			RB1#25	3.38	13	PASS	
			RB1#49	3.63	13	PASS	
			RB25#0	4.45	13	PASS	
			RB25#13	4.25	13	PASS	
		HCH	RB25#25	4.41	13	PASS	
			RB50#0	5.31	13	PASS	
			RB1#0	3.72	13	PASS	
			RB1#25	3.66	13	PASS	
			RB1#49	3.78	13	PASS	
	RB25#0		4.58	13	PASS		
	5	LCH	RB25#13	4.5	13	PASS	
			RB25#25	4.6	13	PASS	
			RB50#0	5	13	PASS	
			RB1#0	4.45	13	PASS	
			RB1#13	4.03	13	PASS	
			RB1#24	3.85	13	PASS	
		MCH	RB12#0	4.64	13	PASS	
RB12#6			4.4	13	PASS		
RB12#13			4.62	13	PASS		
RB25#0			5.71	13	PASS		
RB1#0			4.85	13	PASS		
RB1#13			4.06	13	PASS		
RB1#24	4.22	13	PASS				
RB12#0	4.57	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#6	4.36	13	PASS
				RB12#13	4.59	13	PASS
				RB25#0	5.28	13	PASS
			HCH	RB1#0	4.93	13	PASS
				RB1#13	4.59	13	PASS
				RB1#24	4.12	13	PASS
				RB12#0	4.77	13	PASS
				RB12#6	4.46	13	PASS
				RB12#13	4.69	13	PASS
			LCH	RB25#0	5.4	13	PASS
				RB1#0	4.73	13	PASS
				RB1#25	4.27	13	PASS
				RB1#49	3.74	13	PASS
				RB25#0	4.77	13	PASS
				RB25#13	4.82	13	PASS
		MCH	RB25#25	4.74	13	PASS	
			RB50#0	5.44	13	PASS	
			RB1#0	3.96	13	PASS	
			RB1#25	4.17	13	PASS	
			RB1#49	3.82	13	PASS	
			RB25#0	4.65	13	PASS	
		HCH	RB25#13	4.59	13	PASS	
			RB25#25	4.67	13	PASS	
			RB50#0	5.58	13	PASS	
			RB1#0	5.07	13	PASS	
			RB1#25	3.99	13	PASS	
			RB1#49	4.12	13	PASS	
BAND7	LTE/TM1	5	LCH	RB25#0	4.68	13	PASS
				RB25#13	4.94	13	PASS
				RB25#25	4.78	13	PASS
				RB50#0	5.51	13	PASS
				RB1#0	3.57	13	PASS
				RB1#13	3.28	13	PASS
			RB1#24	3.41	13	PASS	
MCH	RB12#0	4.07	13	PASS			
RB12#6	4.06	13	PASS				
RB12#13	4.05	13	PASS				
RB25#0	4.46	13	PASS				
				RB1#0	3.2	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#13	2.92	13	PASS
				RB1#24	3.02	13	PASS
				RB12#0	3.75	13	PASS
				RB12#6	3.59	13	PASS
				RB12#13	3.73	13	PASS
				RB25#0	4.27	13	PASS
			HCH	RB1#0	3.49	13	PASS
				RB1#13	3.25	13	PASS
				RB1#24	3.31	13	PASS
				RB12#0	3.99	13	PASS
				RB12#6	3.82	13	PASS
				RB12#13	4.01	13	PASS
			10	LCH	RB25#0	4.49	13
		RB1#0			3.99	13	PASS
		RB1#25			3.38	13	PASS
		RB1#49			3.69	13	PASS
		RB25#0			4.18	13	PASS
		RB25#13			3.99	13	PASS
		MCH		RB25#25	4.23	13	PASS
				RB50#0	4.85	13	PASS
				RB1#0	3.43	13	PASS
				RB1#25	3.07	13	PASS
				RB1#49	3.12	13	PASS
				RB25#0	3.92	13	PASS
		HCH		RB25#13	3.71	13	PASS
			RB25#25	3.92	13	PASS	
			RB50#0	4.42	13	PASS	
			RB1#0	3.61	13	PASS	
			RB1#25	3.34	13	PASS	
			RB1#49	3.62	13	PASS	
		15	LCH	RB25#0	4.18	13	PASS
				RB25#13	4.08	13	PASS
				RB25#25	4.1	13	PASS
RB50#0	4.62			13	PASS		
RB1#0	4.56			13	PASS		
				RB1#38	3.3	13	PASS
				RB1#74	3.97	13	PASS
				RB36#0	4.2	13	PASS
				RB36#18	4.07	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB36#39	4.16	13	PASS	
				RB75#0	5.03	13	PASS	
			MCH	RB1#0	4.24	13	PASS	
				RB1#38	2.96	13	PASS	
				RB1#74	3.61	13	PASS	
				RB36#0	3.89	13	PASS	
				RB36#18	3.7	13	PASS	
				RB36#39	3.89	13	PASS	
			RB75#0	4.8	13	PASS		
			HCH	RB1#0	4.36	13	PASS	
				RB1#38	3.28	13	PASS	
				RB1#74	3.97	13	PASS	
				RB36#0	4.17	13	PASS	
				RB36#18	4.02	13	PASS	
		RB36#39		4.05	13	PASS		
		RB75#0	4.94	13	PASS			
		20		LCH	RB1#0	3.32	13	PASS
					RB1#50	3.23	13	PASS
					RB1#99	3.19	13	PASS
					RB50#0	4.23	13	PASS
					RB50#25	3.98	13	PASS
					RB50#50	4.1	13	PASS
					RB100#0	4.99	13	PASS
				MCH	RB1#0	3.11	13	PASS
					RB1#50	2.92	13	PASS
					RB1#99	2.96	13	PASS
					RB50#0	3.91	13	PASS
					RB50#25	3.63	13	PASS
					RB50#50	3.82	13	PASS
					RB100#0	4.7	13	PASS
HCH	RB1#0		3.21	13	PASS			
	RB1#50		3.24	13	PASS			
	RB1#99	3.19	13	PASS				
	RB50#0	4.11	13	PASS				
	RB50#25	3.93	13	PASS				
	RB50#50	4.07	13	PASS				
	RB100#0	4.99	13	PASS				
LTE/TM2	5	LCH	RB1#0	4.19	13	PASS		
			RB1#13	4	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#24	3.74	13	PASS	
				RB12#0	4.46	13	PASS	
				RB12#6	4.17	13	PASS	
				RB12#13	4.36	13	PASS	
				RB25#0	5.22	13	PASS	
			MCH	RB1#0	3.95	13	PASS	
				RB1#13	3.48	13	PASS	
				RB1#24	3.46	13	PASS	
				RB12#0	4.16	13	PASS	
				RB12#6	3.81	13	PASS	
				RB12#13	4.01	13	PASS	
				RB25#0	4.92	13	PASS	
			HCH	RB1#0	4.58	13	PASS	
				RB1#13	3.85	13	PASS	
				RB1#24	3.83	13	PASS	
				RB12#0	4.32	13	PASS	
				RB12#6	4.1	13	PASS	
				RB12#13	4.21	13	PASS	
				RB25#0	5.25	13	PASS	
			10	LCH	RB1#0	4	13	PASS
					RB1#25	3.67	13	PASS
		RB1#49			4.31	13	PASS	
		RB25#0			4.37	13	PASS	
		RB25#13			4.21	13	PASS	
		RB25#25			4.37	13	PASS	
		RB50#0			5.38	13	PASS	
		MCH		RB1#0	3.91	13	PASS	
				RB1#25	3.27	13	PASS	
				RB1#49	4.02	13	PASS	
				RB25#0	4.17	13	PASS	
				RB25#13	4.04	13	PASS	
				RB25#25	4.14	13	PASS	
				RB50#0	5.09	13	PASS	
		HCH		RB1#0	4.12	13	PASS	
				RB1#25	3.6	13	PASS	
				RB1#49	4.4	13	PASS	
RB25#0	4.36			13	PASS			
RB25#13	4.29			13	PASS			
RB25#25	4.31			13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		15	LCH	RB50#0	5.35	13	PASS
				RB1#0	4.76	13	PASS
				RB1#38	3.84	13	PASS
				RB1#74	4.25	13	PASS
				RB36#0	4.38	13	PASS
				RB36#18	4.36	13	PASS
				RB36#39	4.33	13	PASS
			RB75#0	5.31	13	PASS	
			MCH	RB1#0	4.34	13	PASS
				RB1#38	3.35	13	PASS
				RB1#74	3.95	13	PASS
				RB36#0	4.11	13	PASS
				RB36#18	4.03	13	PASS
				RB36#39	4.07	13	PASS
				RB75#0	5.08	13	PASS
			HCH	RB1#0	4.48	13	PASS
				RB1#38	3.64	13	PASS
				RB1#74	4.41	13	PASS
				RB36#0	4.41	13	PASS
				RB36#18	4.3	13	PASS
				RB36#39	4.3	13	PASS
		RB75#0		5.2	13	PASS	
		20	LCH	RB1#0	3.99	13	PASS
				RB1#50	3.58	13	PASS
				RB1#99	3.77	13	PASS
				RB50#0	4.42	13	PASS
				RB50#25	4.23	13	PASS
				RB50#50	4.37	13	PASS
				RB100#0	5.4	13	PASS
			MCH	RB1#0	3.82	13	PASS
				RB1#50	3.39	13	PASS
				RB1#99	3.71	13	PASS
				RB50#0	4.17	13	PASS
				RB50#25	4	13	PASS
				RB50#50	4.14	13	PASS
				RB100#0	5.1	13	PASS
HCH	RB1#0		3.91	13	PASS		
	RB1#50	3.74	13	PASS			
	RB1#99	3.99	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	4.42	13	PASS
				RB50#25	4.19	13	PASS
				RB50#50	4.38	13	PASS
				RB100#0	5.37	13	PASS

3Appendix_C: Modulation Characteristics

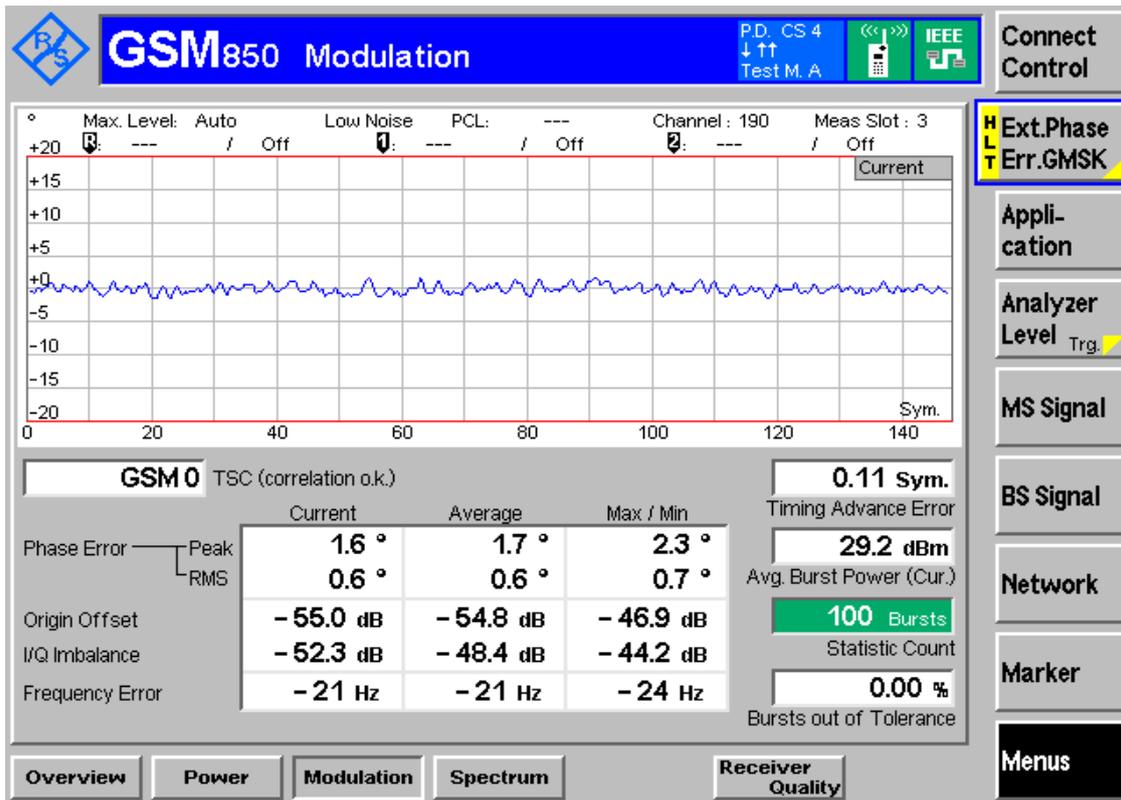
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

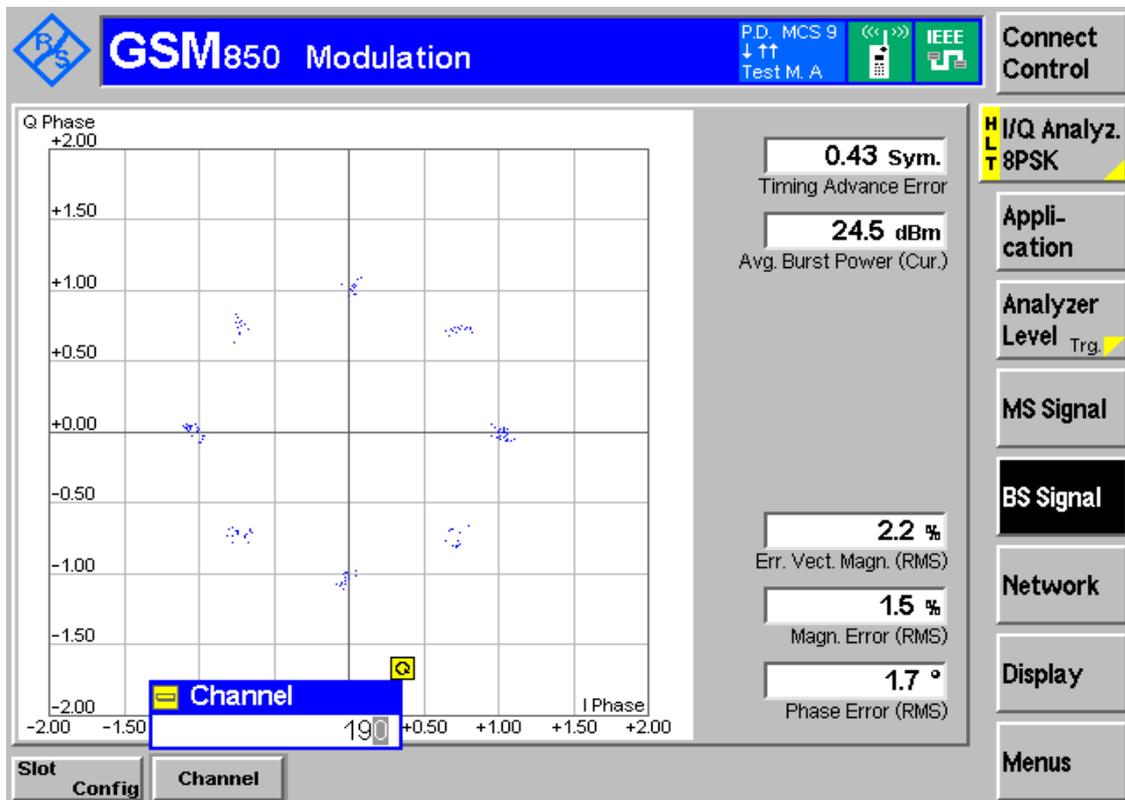
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

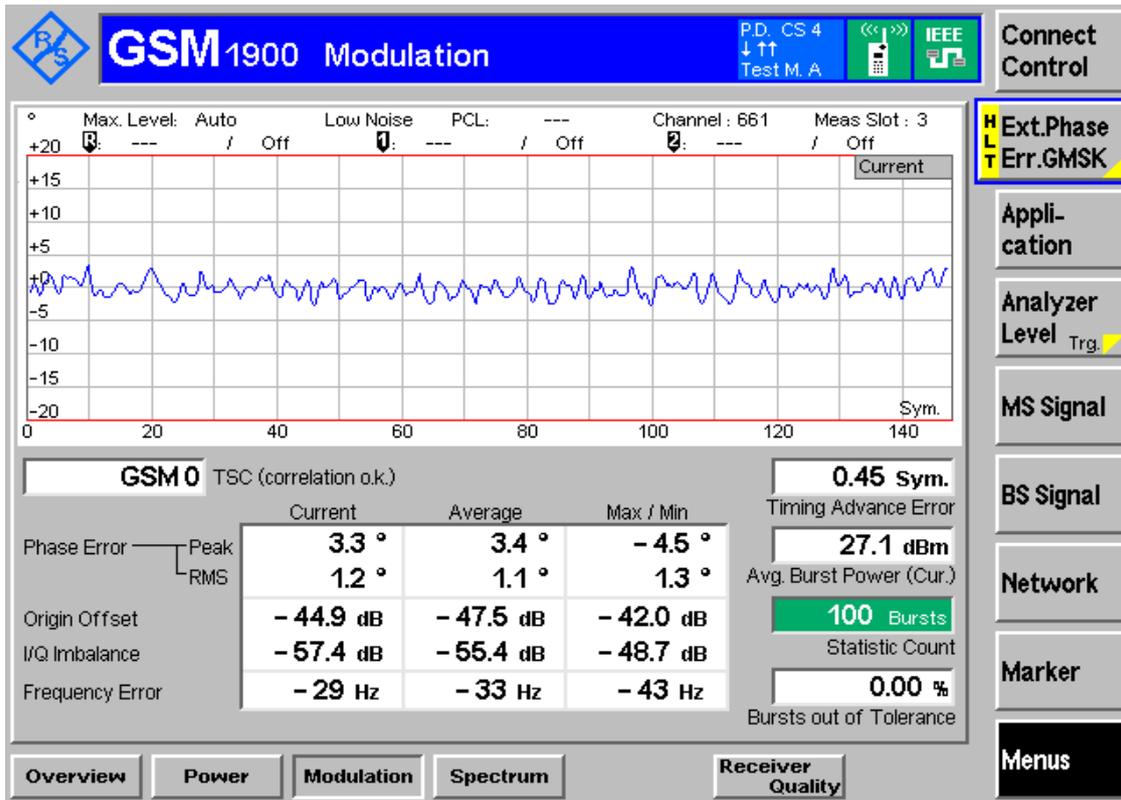
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

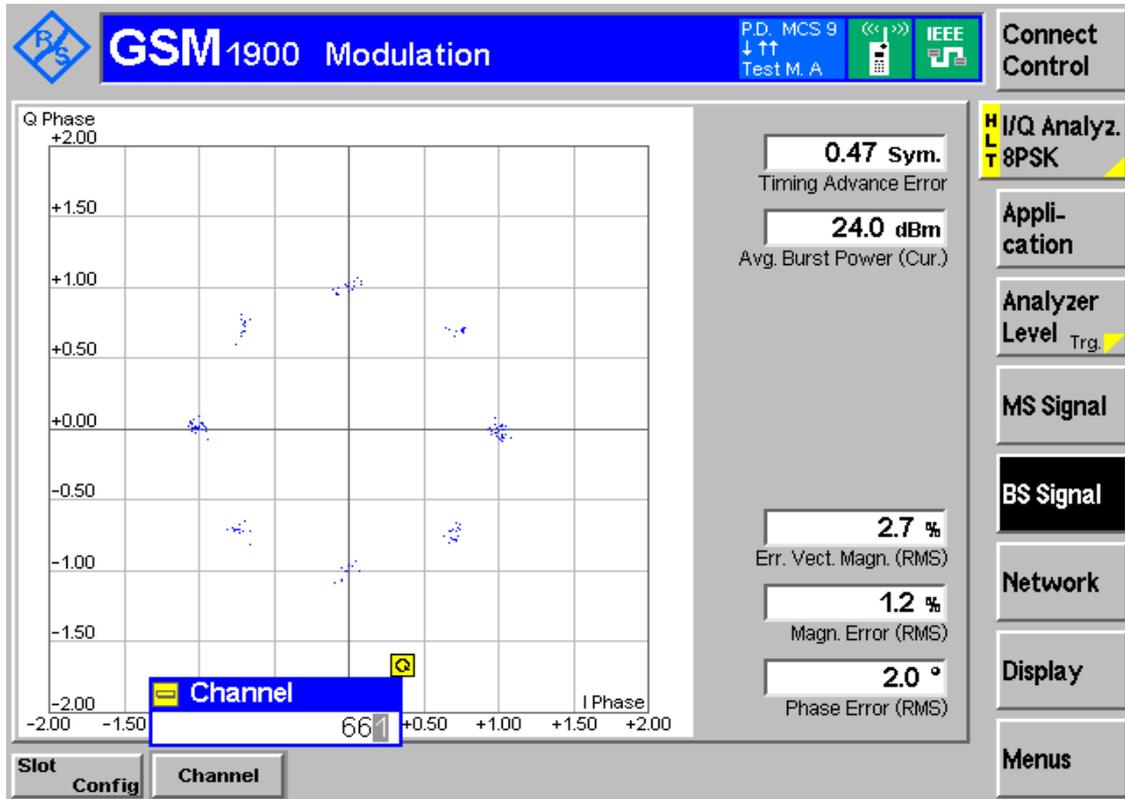
3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH



3.1.2.2 Test Mode = GSM/TM2

3.1.2.2.1 Test Channel = MCH

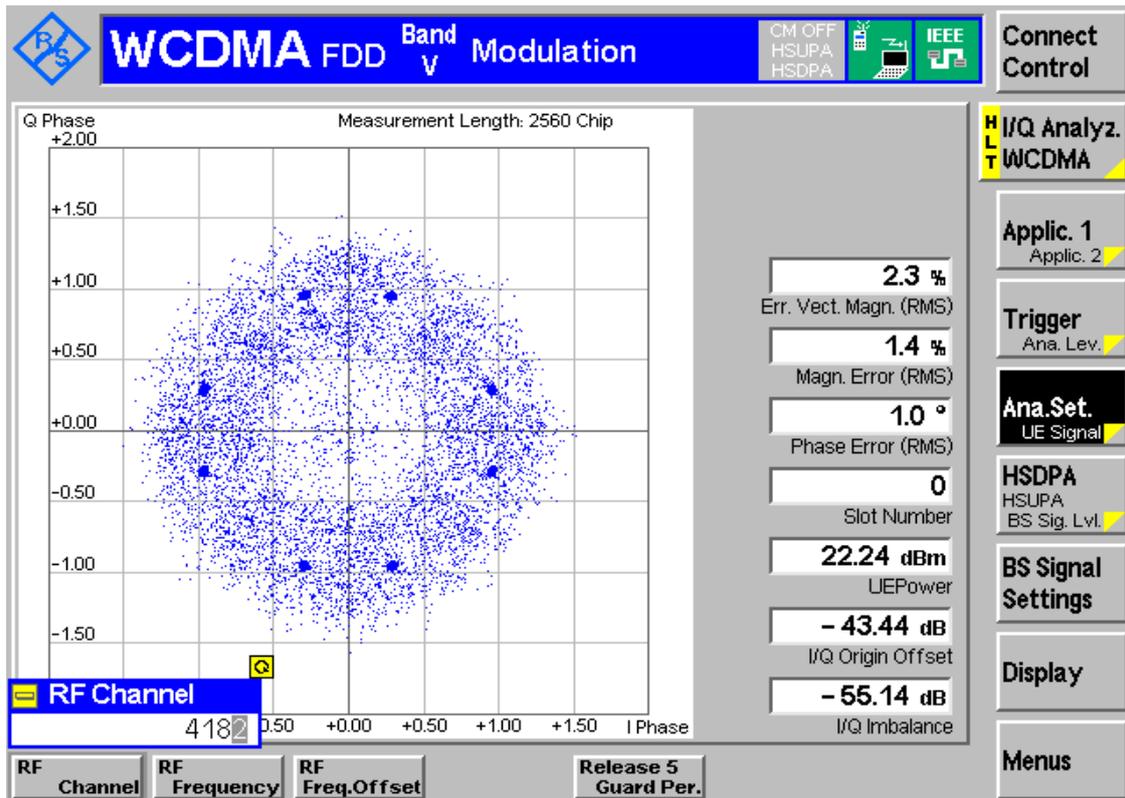


3.2 For UMTS

3.2.1 Test Band = WCDMA850

3.2.1.1 Test Mode = UMTS/TM1

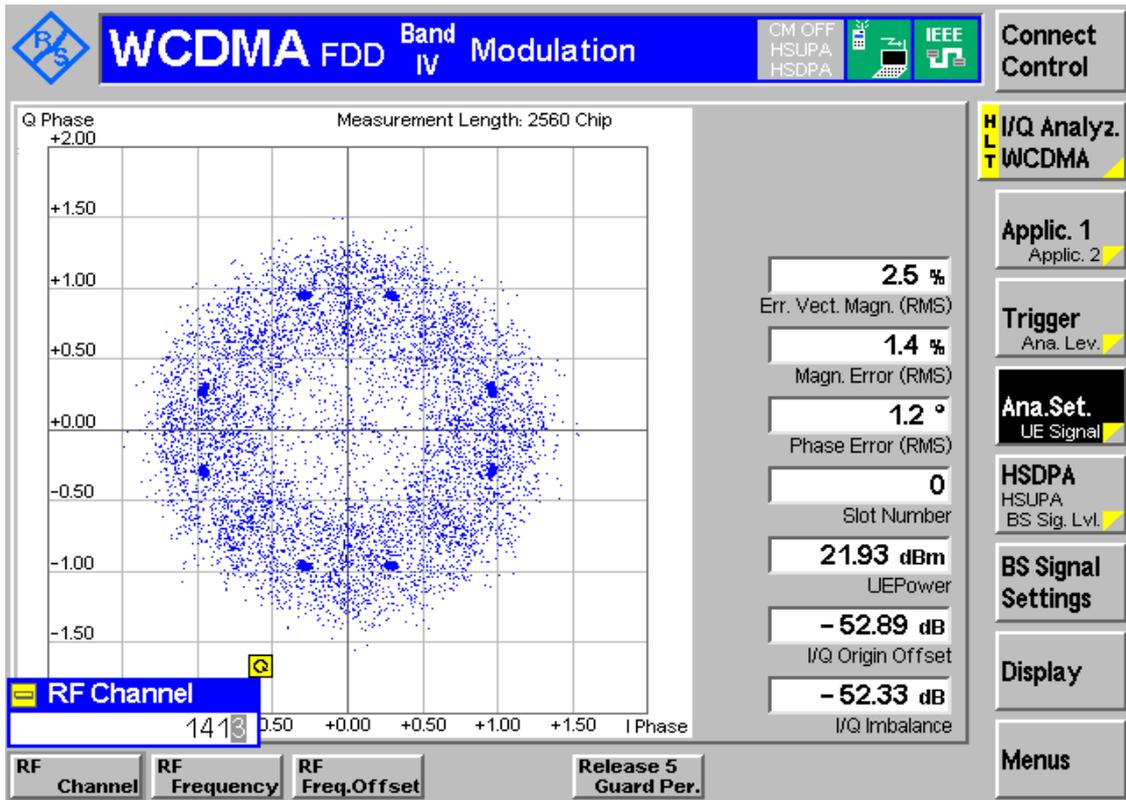
3.2.1.1.1 Test Channel = MCH



3.2.2 Test Band = WCDMA1700

3.2.2.1 Test Mode = UMTS/TM1

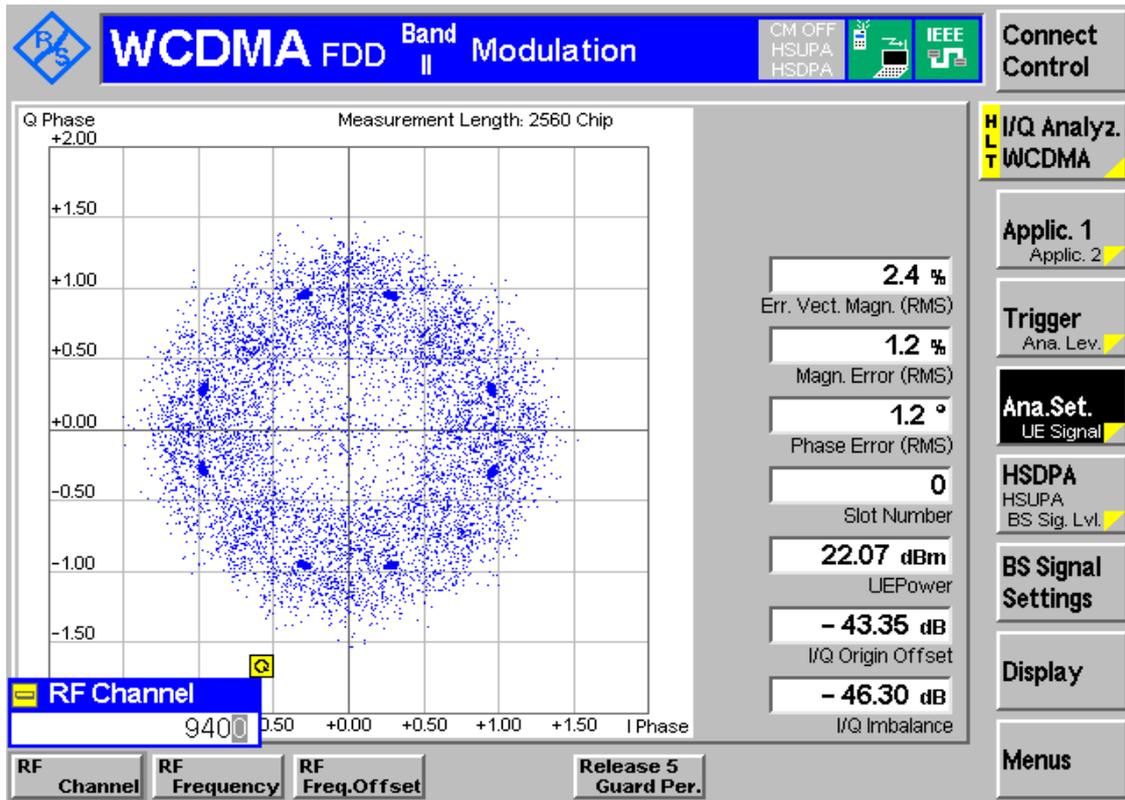
3.2.2.1.1 Test Channel = MCH



3.2.3 Test Band = WCDMA1900

3.2.3.1 Test Mode = UMTS/TM1

3.2.3.1.1 Test Channel = MCH



3.3 For LTE

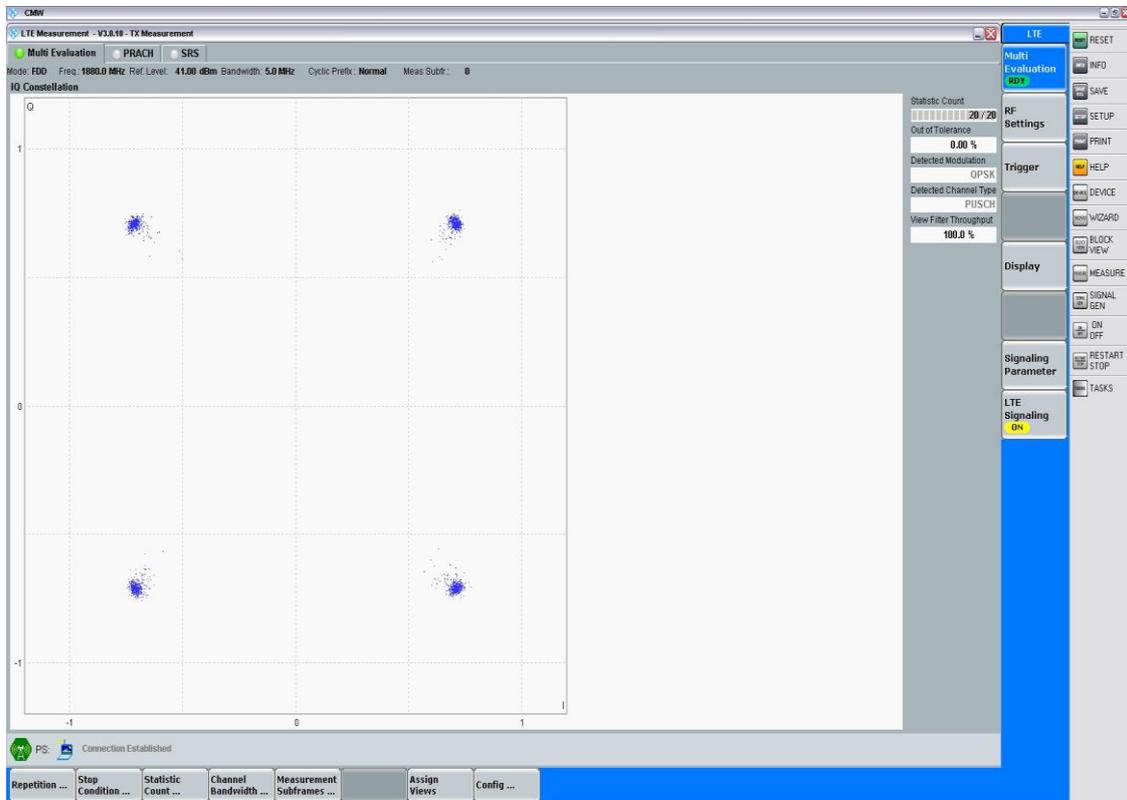
3.3.1 Test Band = BAND2

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

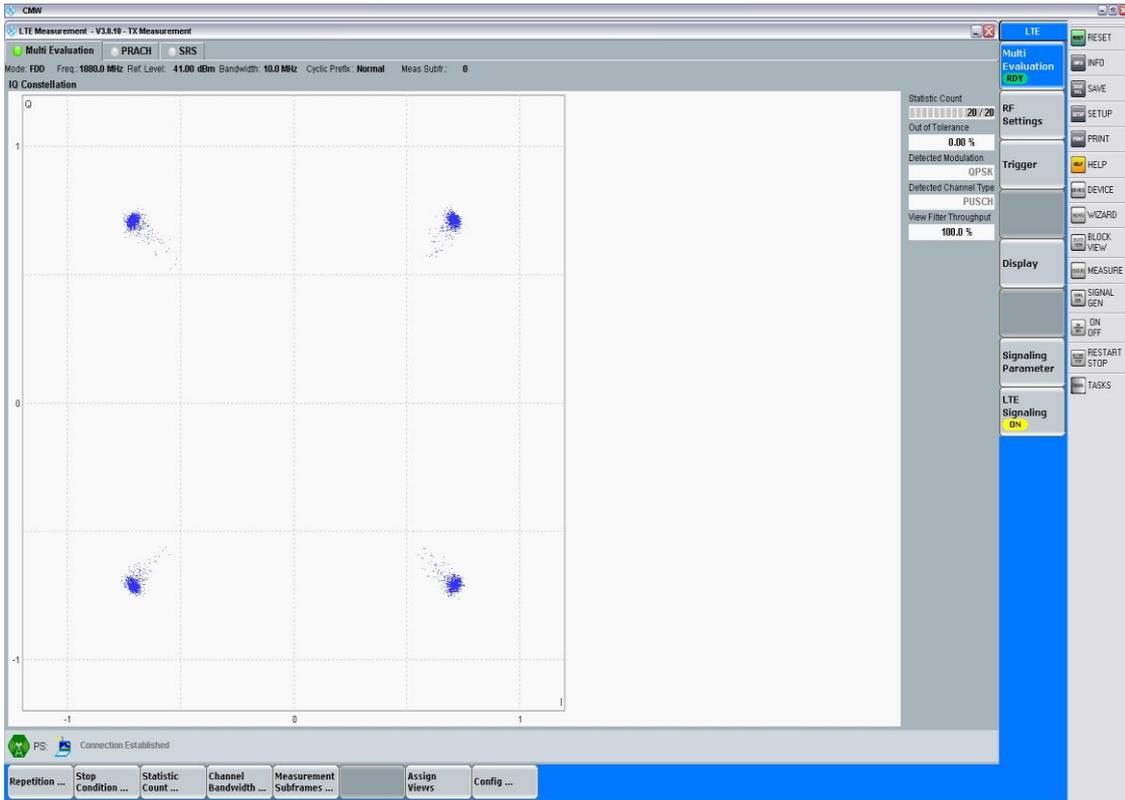
3.3.1.1.1.1.1 Test RB = RB25#0



3.3.1.1.2 Test Bandwidth = 10

3.3.1.1.2.1 Test Channel = MCH

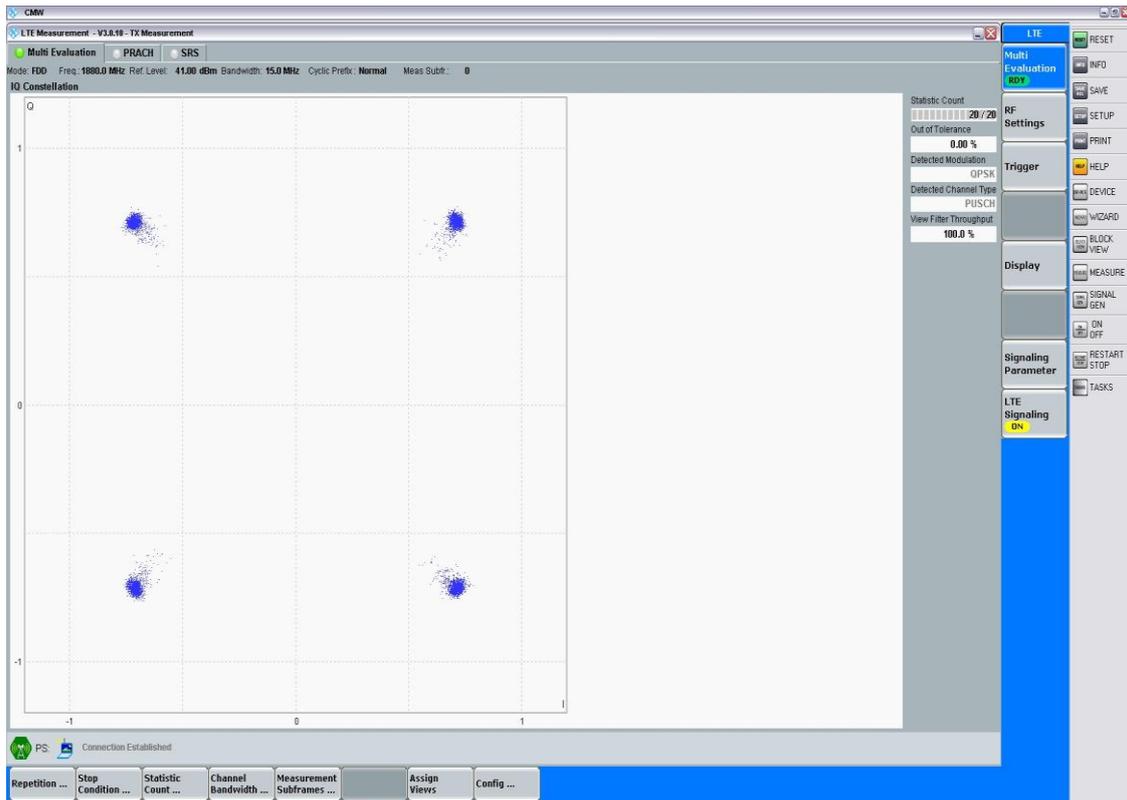
3.3.1.1.2.1.1 Test RB = RB50#0



3.3.1.1.3 Test Bandwidth = 15

3.3.1.1.3.1 Test Channel = MCH

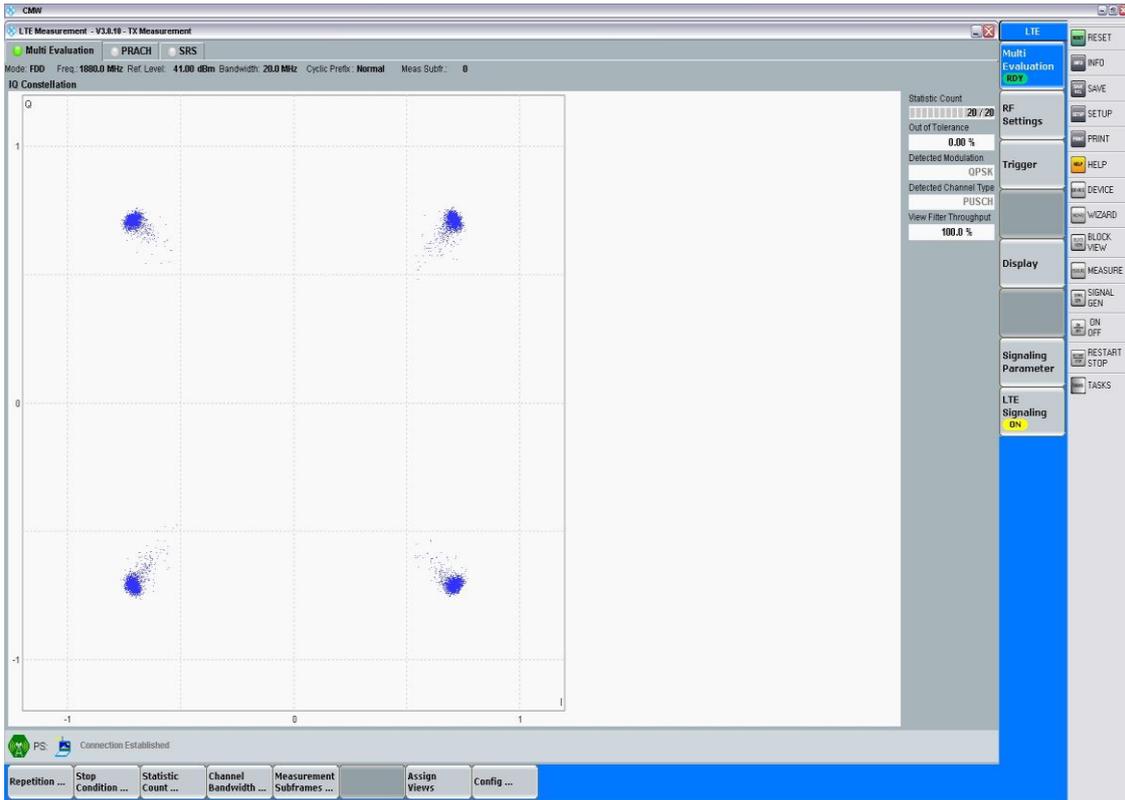
3.3.1.1.3.1.1 Test RB = RB75#0



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

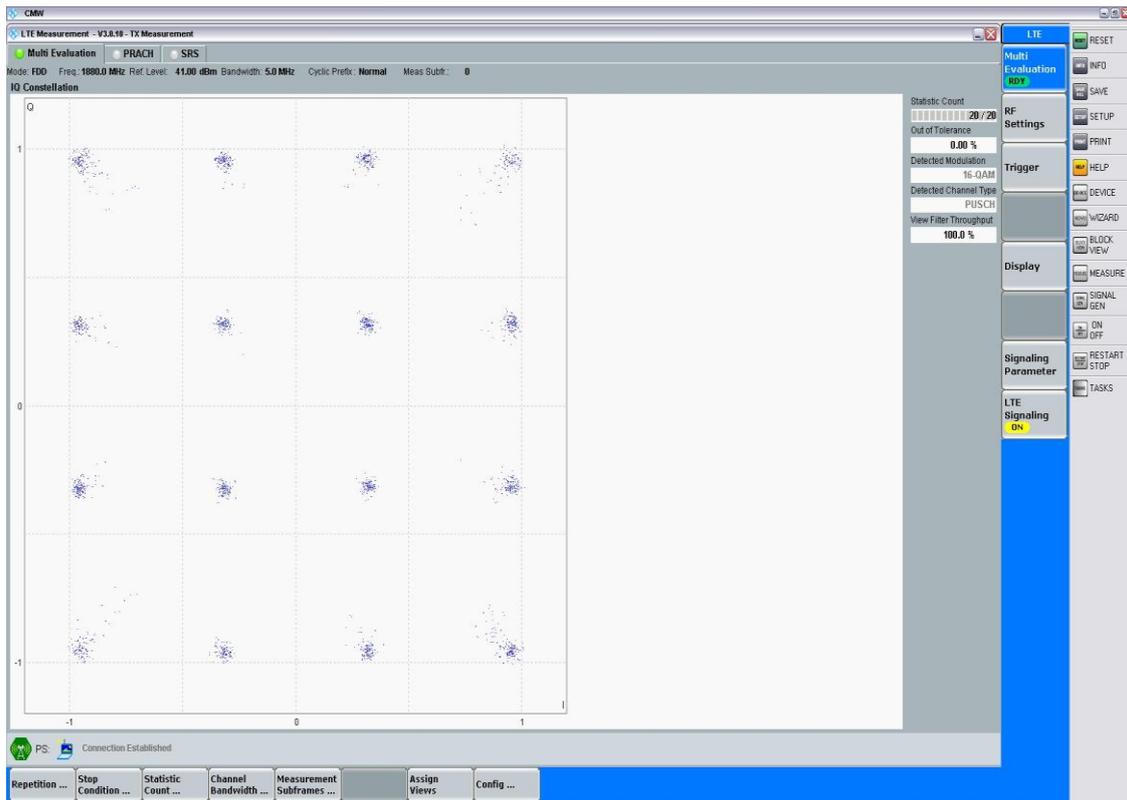


3.3.1.2 Test Mode = LTE/TM2

3.3.1.2.1 Test Bandwidth = 5

3.3.1.2.1.1 Test Channel = MCH

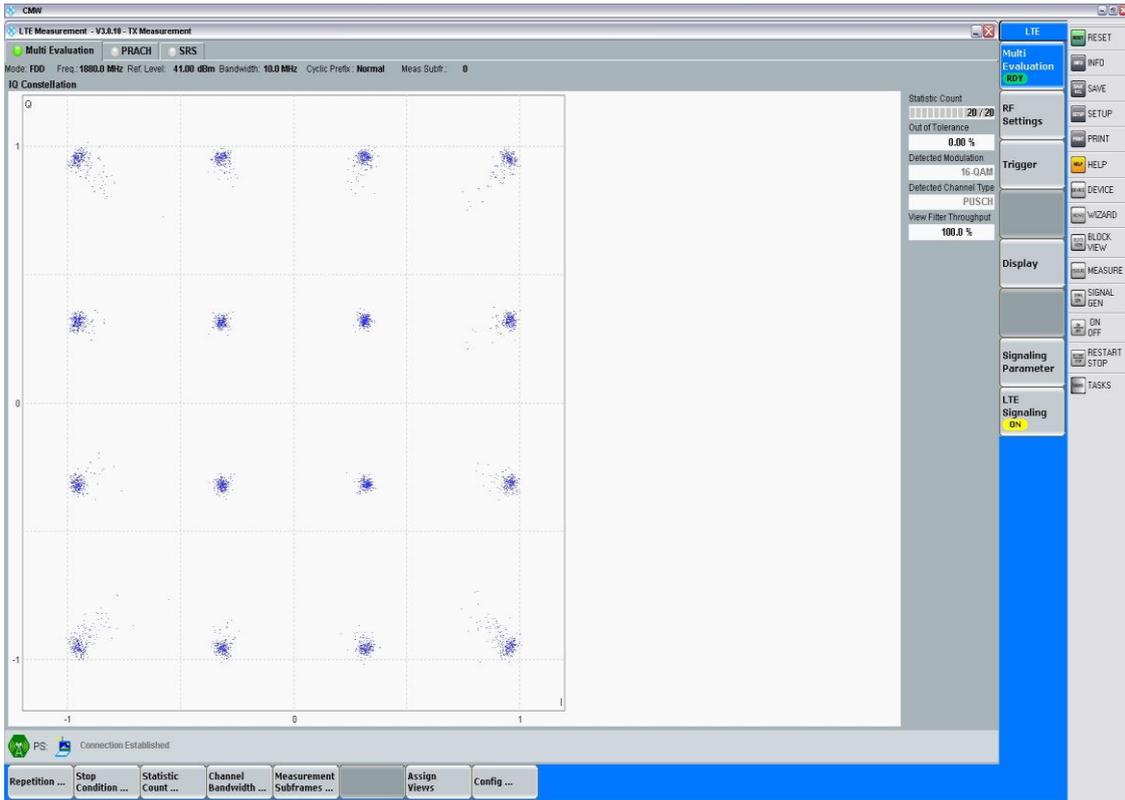
3.3.1.2.1.1.1 Test RB = RB25#0



3.3.1.2.2 Test Bandwidth = 10

3.3.1.2.2.1 Test Channel = MCH

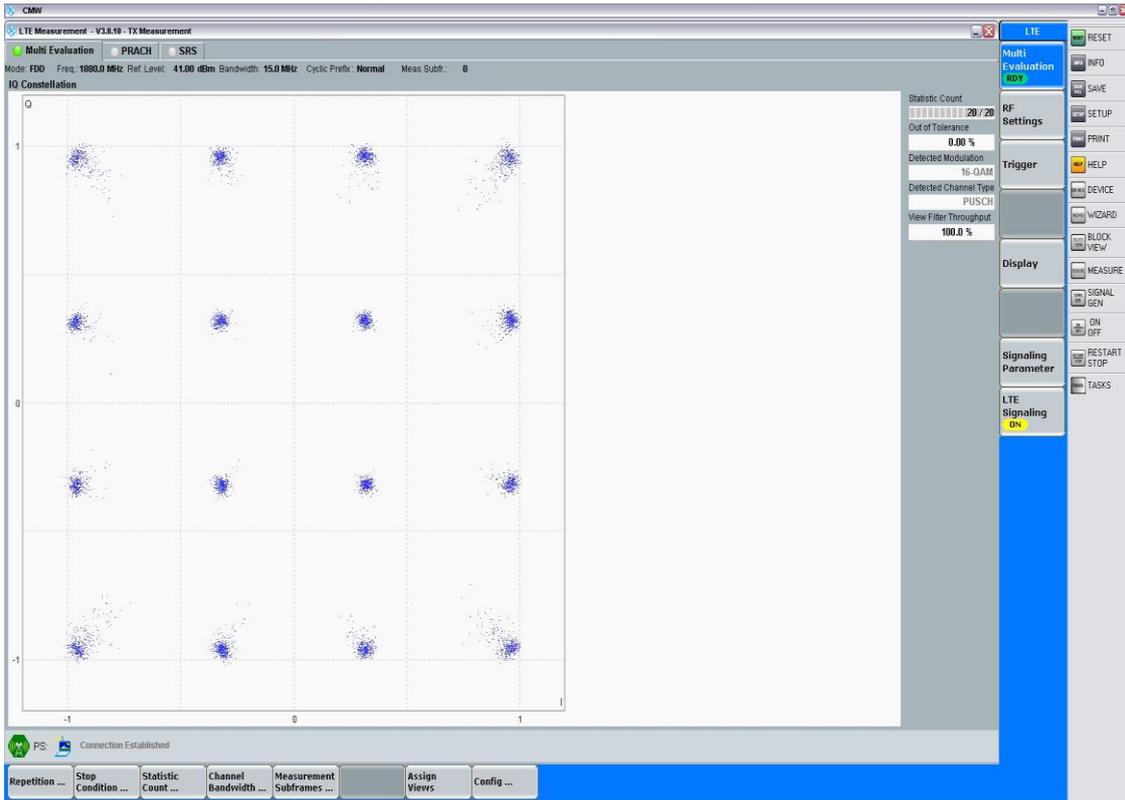
3.3.1.2.2.1.1 Test RB = RB50#0



3.3.1.2.3 Test Bandwidth = 15

3.3.1.2.3.1 Test Channel = MCH

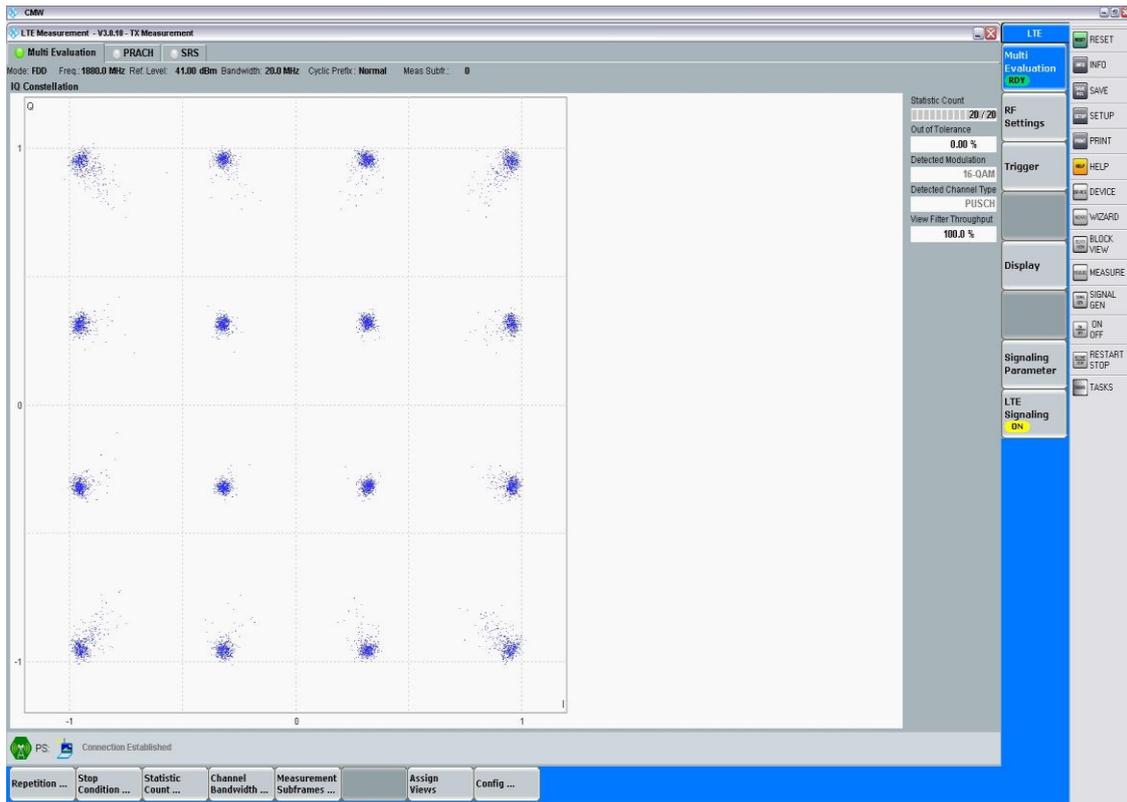
3.3.1.2.3.1.1 Test RB = RB75#0



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



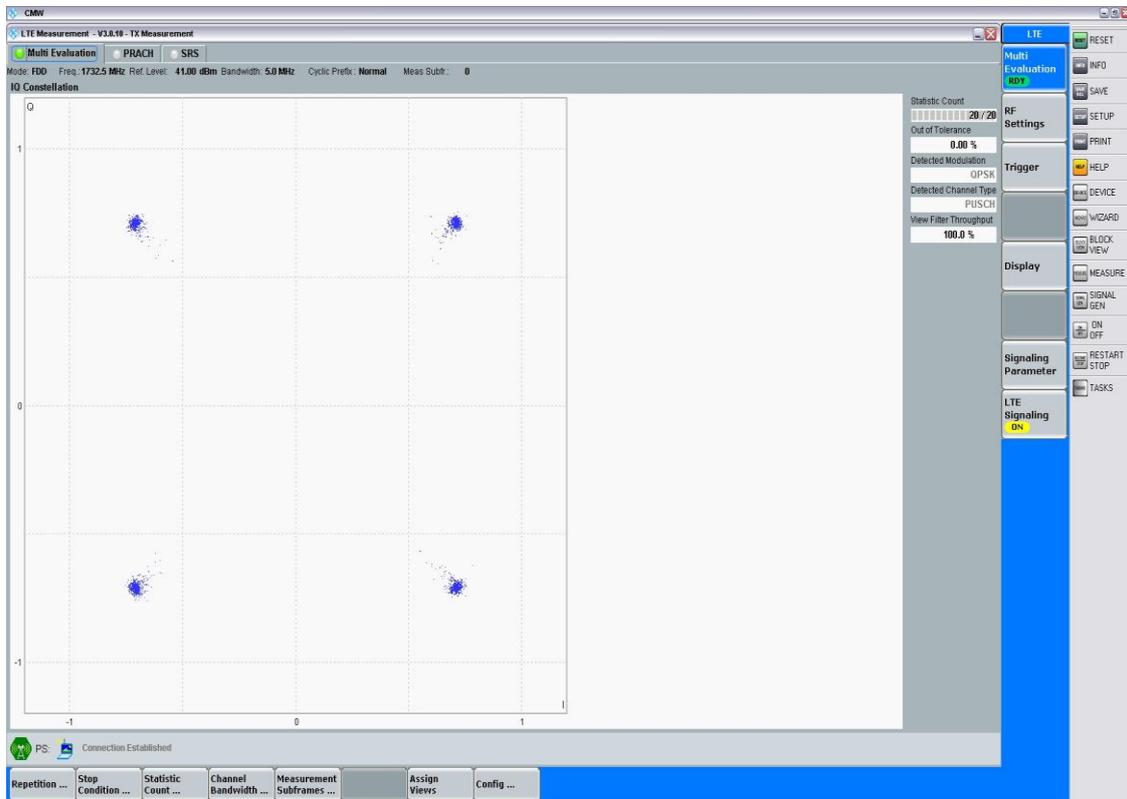
3.3.3 Test Band = BAND4

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

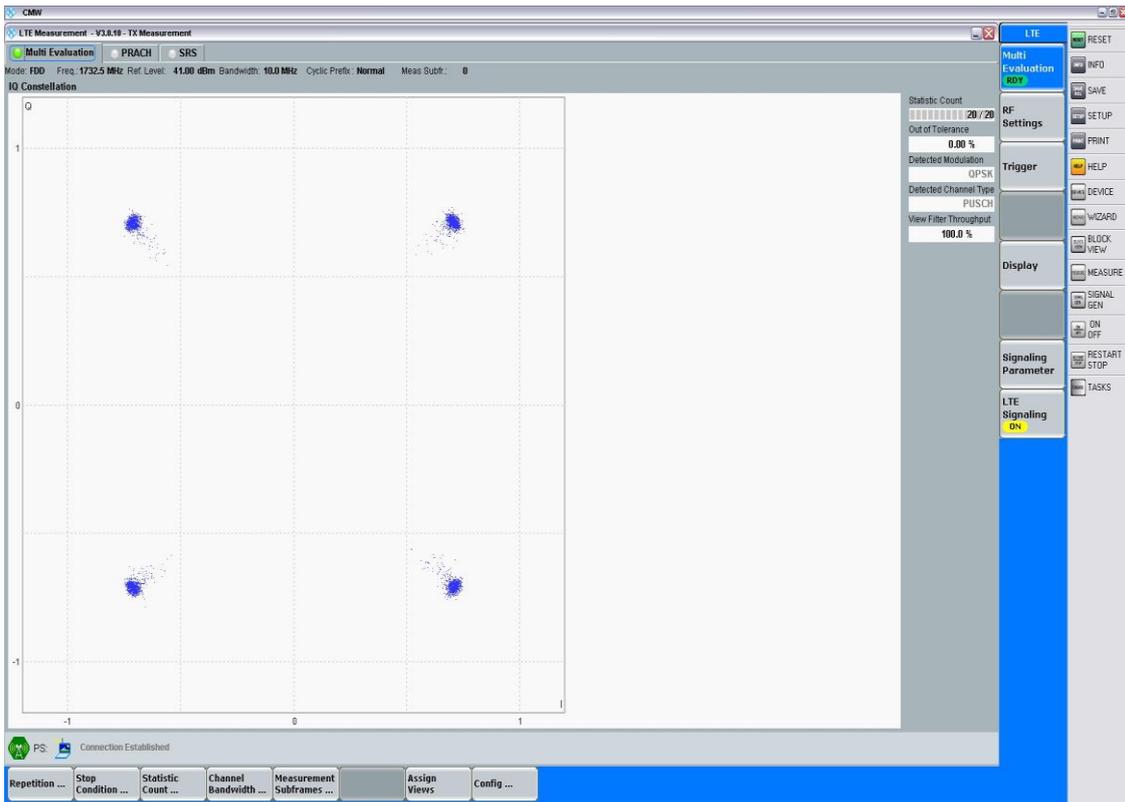
3.3.3.1.1.1.1 Test RB = RB25#0



3.3.3.1.2 Test Bandwidth = 10

3.3.3.1.2.1 Test Channel = MCH

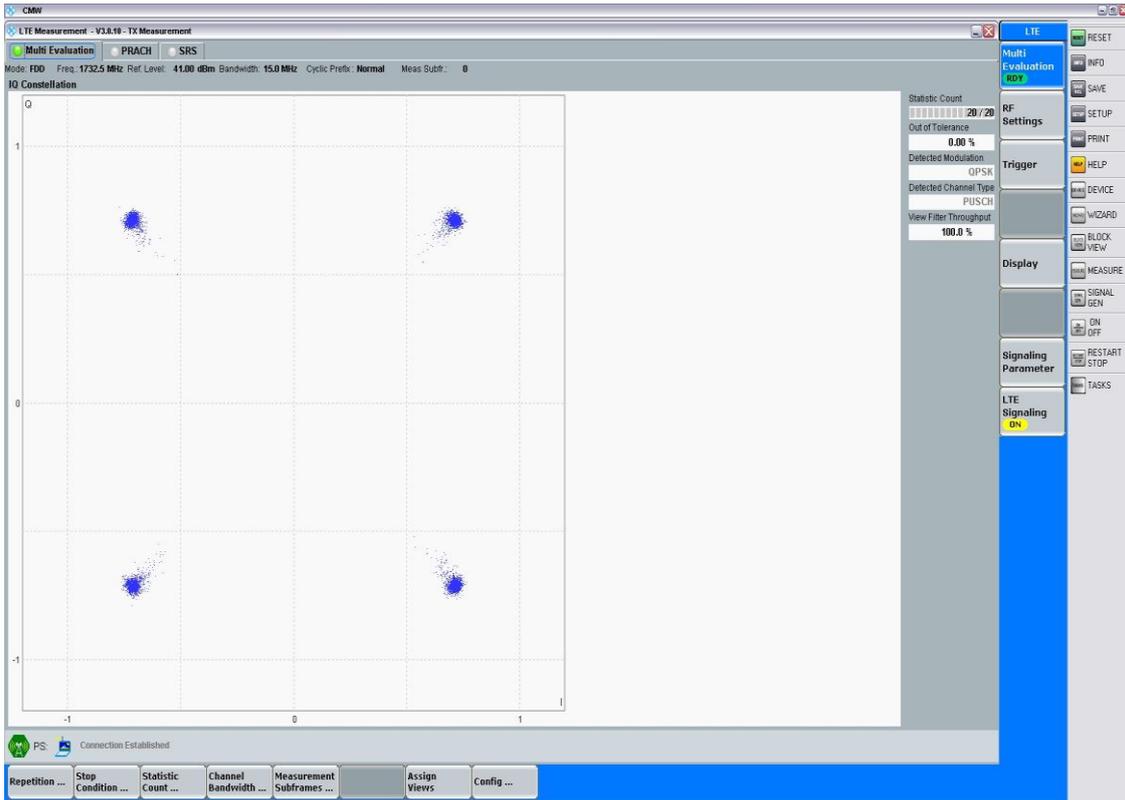
3.3.3.1.2.1.1 Test RB = RB50#0



3.3.3.1.3 Test Bandwidth = 15

3.3.3.1.3.1 Test Channel = MCH

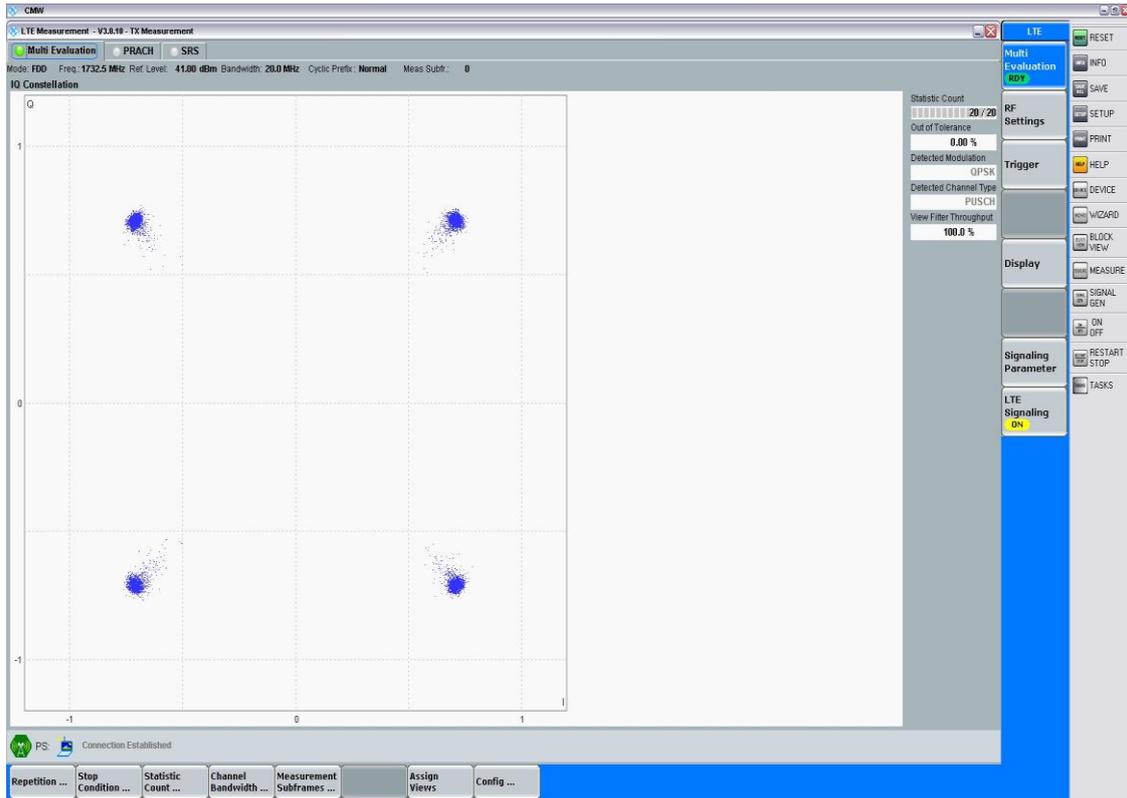
3.3.3.1.3.1.1 Test RB = RB75#0



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

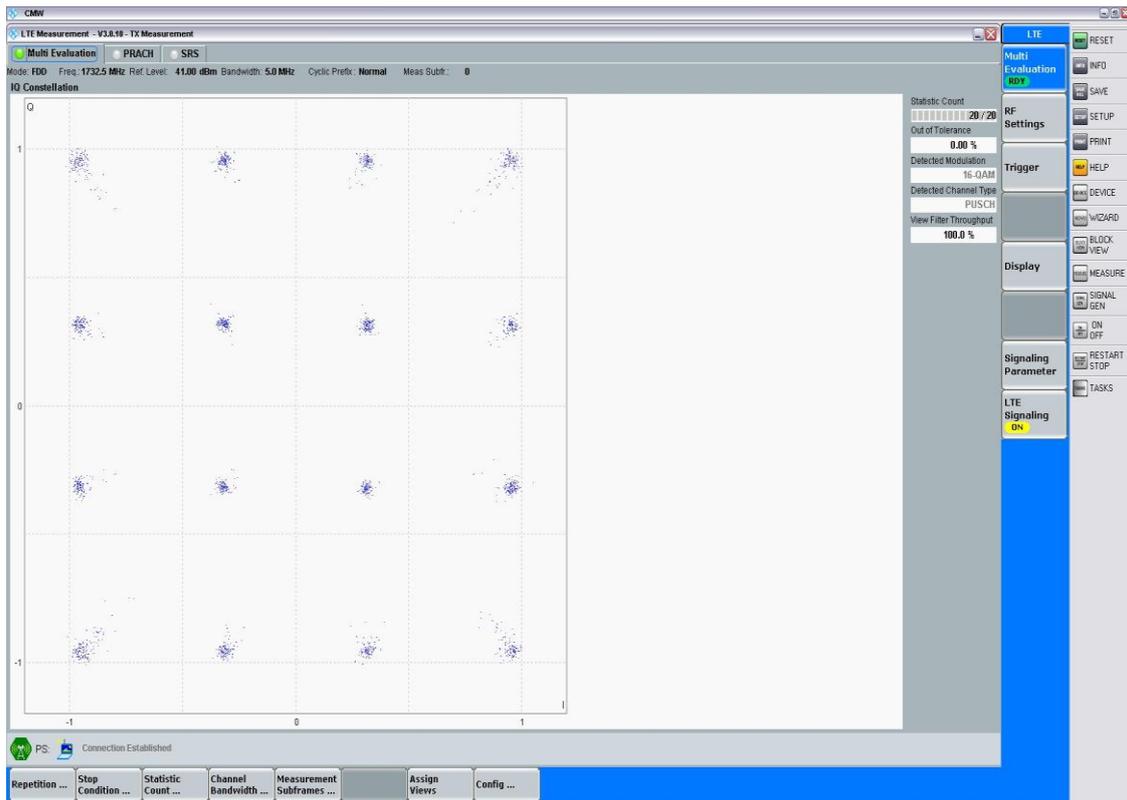


3.3.3.2 Test Mode = LTE/TM2

3.3.3.2.1 Test Bandwidth = 5

3.3.3.2.1.1 Test Channel = MCH

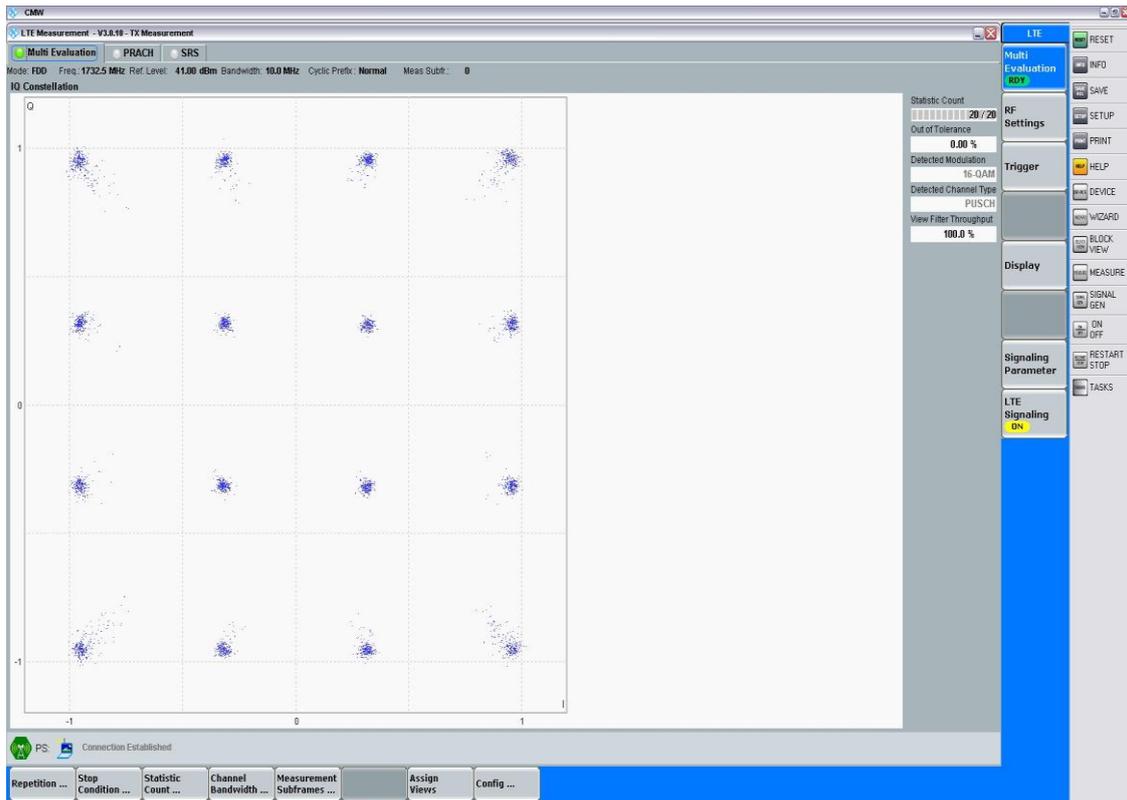
3.3.3.2.1.1.1 Test RB = RB25#0



3.3.3.2.2 Test Bandwidth = 10

3.3.3.2.2.1 Test Channel = MCH

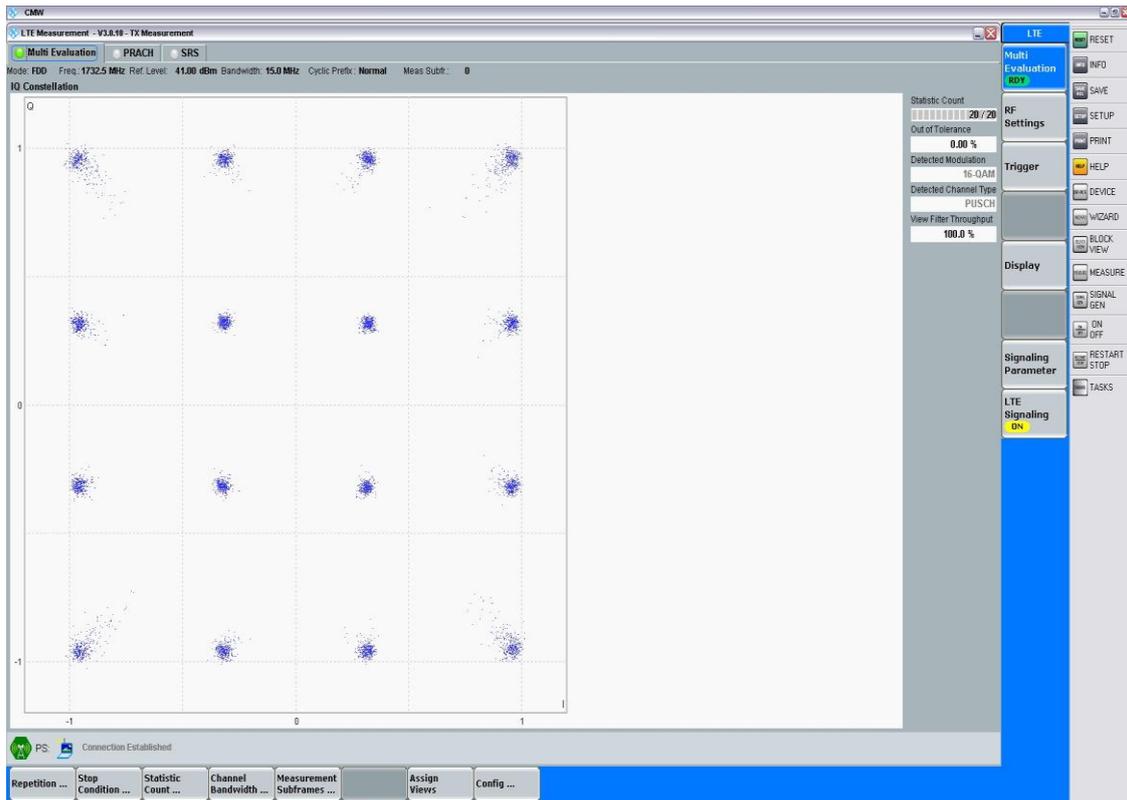
3.3.3.2.2.1.1 Test RB = RB50#0



3.3.3.2.3 Test Bandwidth = 15

3.3.3.2.3.1 Test Channel = MCH

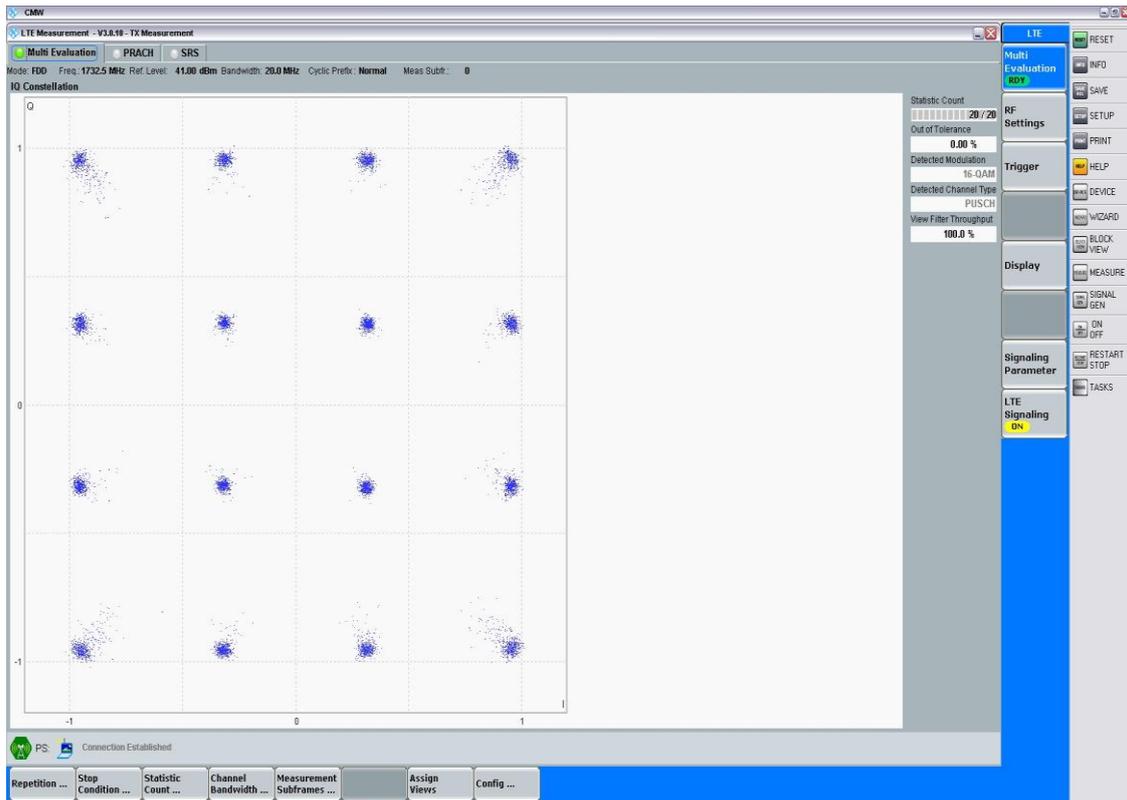
3.3.3.2.3.1.1 Test RB = RB75#0



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



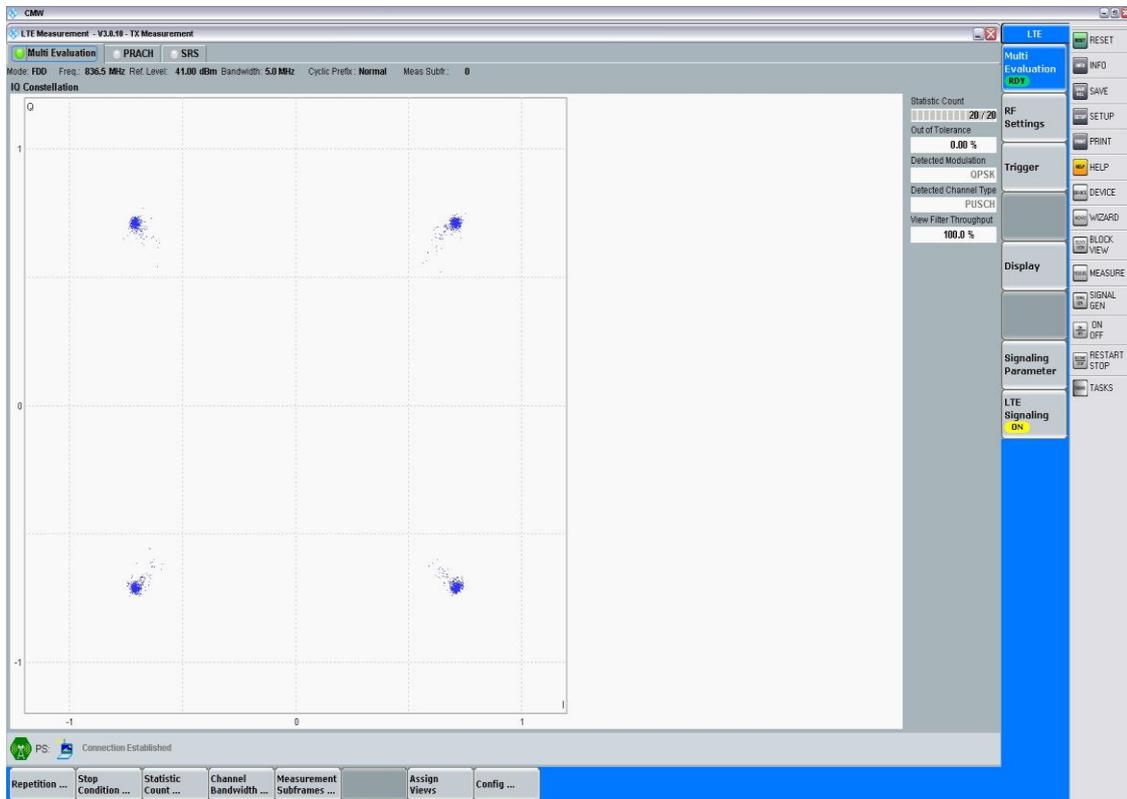
3.3.4 Test Band = BAND5

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

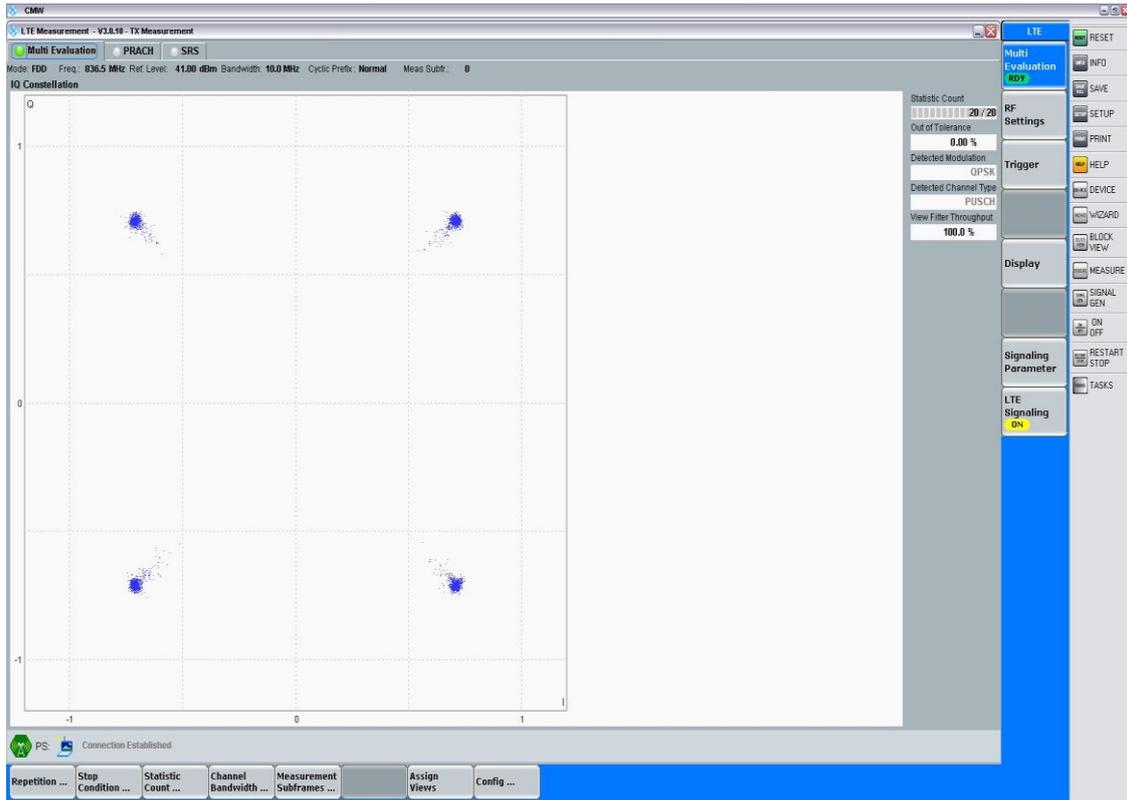
3.3.4.1.1.1.1 Test RB = RB25#0



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

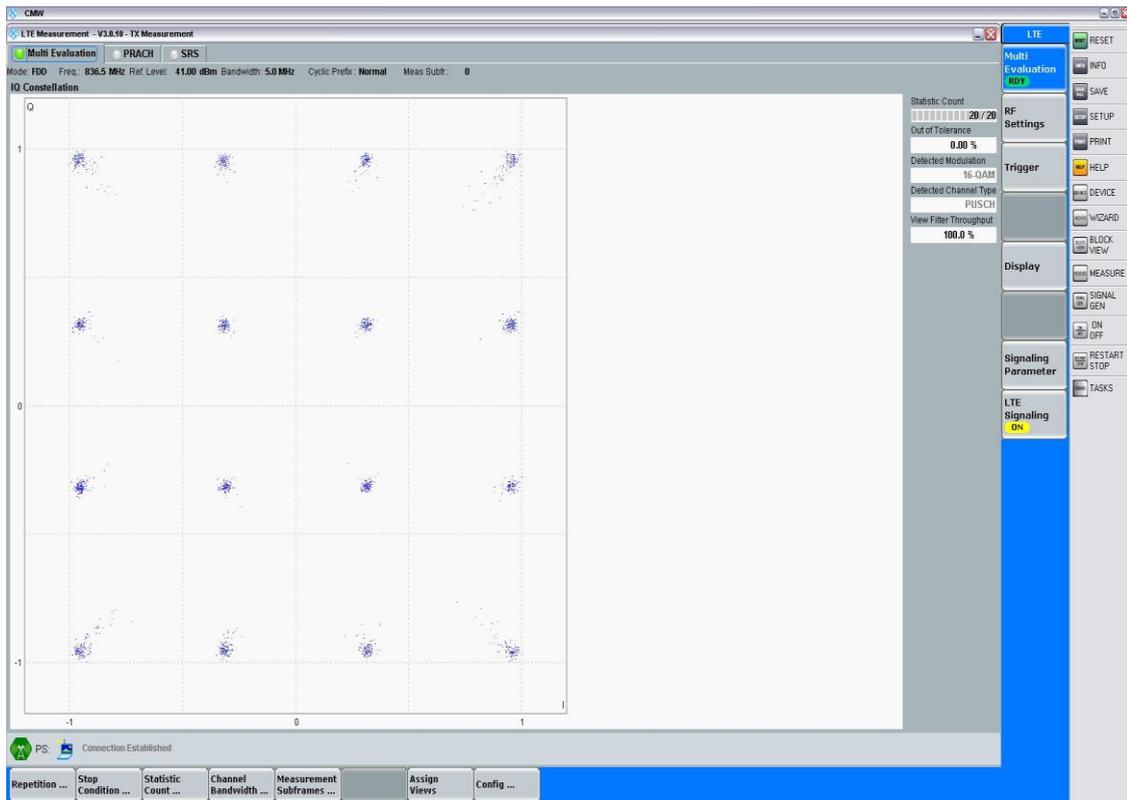


3.3.4.2 Test Mode = LTE/TM2

3.3.4.2.1 Test Bandwidth = 5

3.3.4.2.1.1 Test Channel = MCH

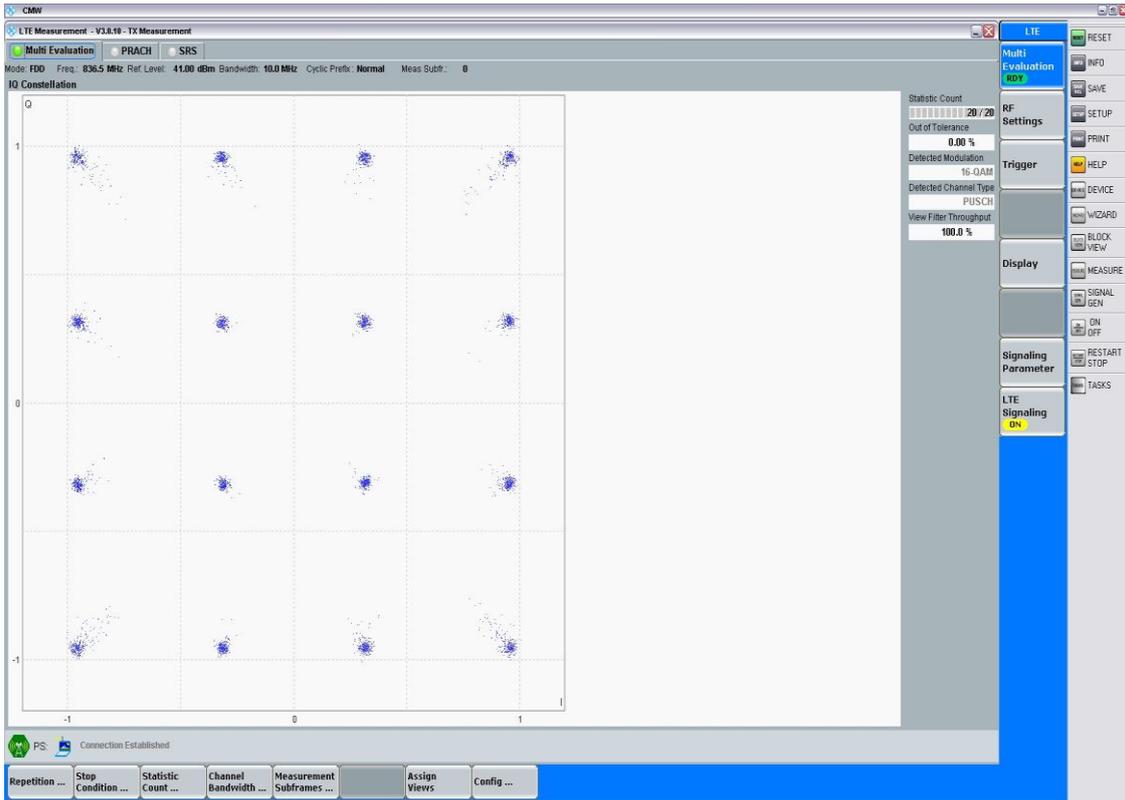
3.3.4.2.1.1.1 Test RB = RB25#0



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



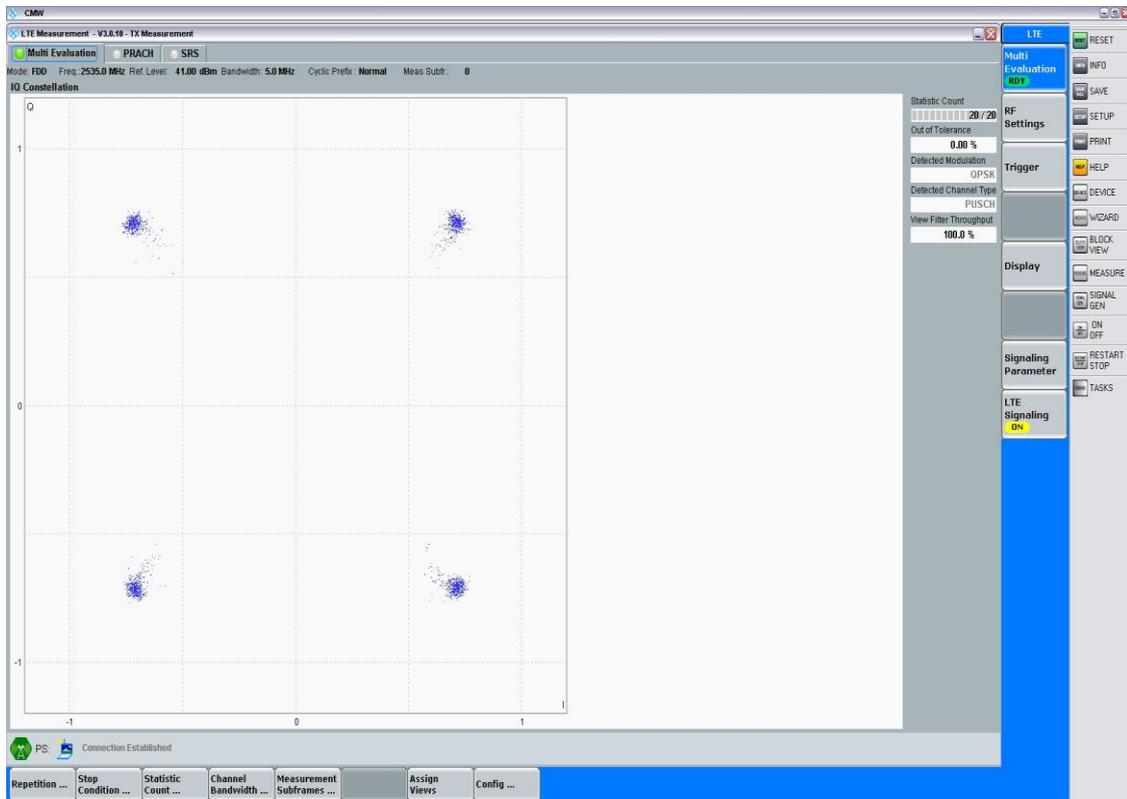
3.3.5 Test Band = BAND7

3.3.5.1 Test Mode = LTE/TM1

3.3.5.1.1 Test Bandwidth = 5

3.3.5.1.1.1 Test Channel = MCH

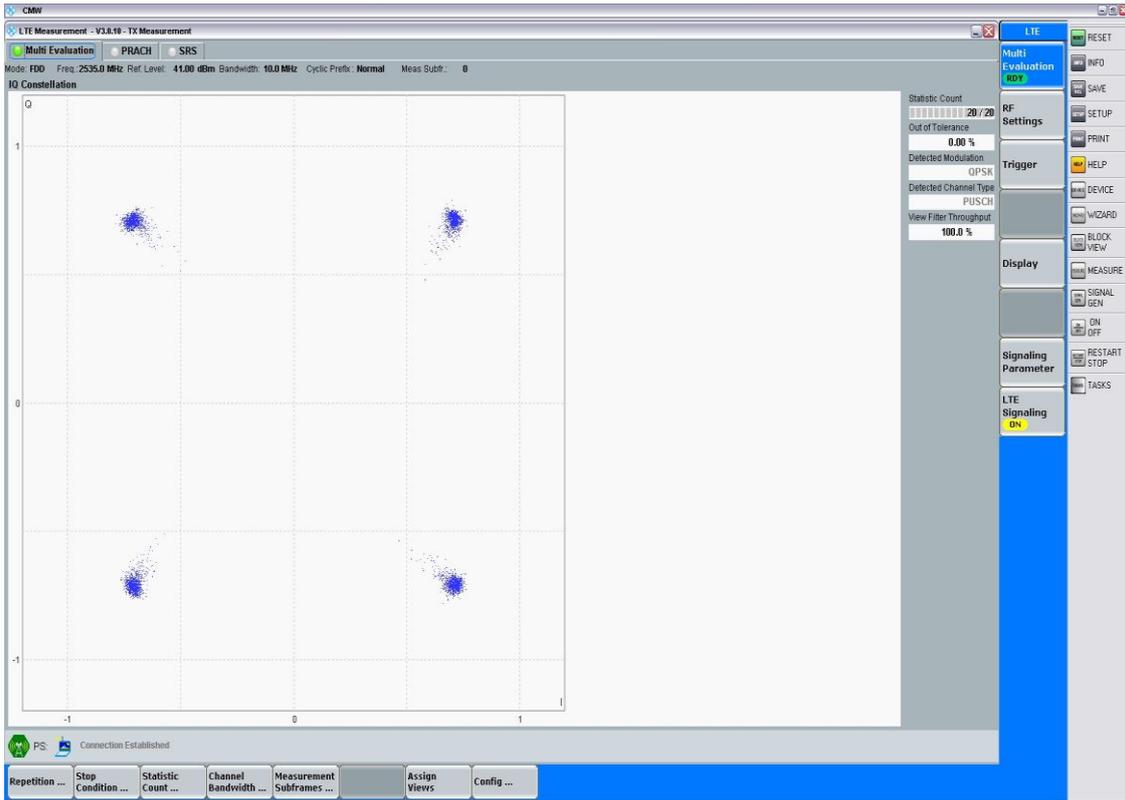
3.3.5.1.1.1.1 Test RB = RB25#0



3.3.5.1.2 Test Bandwidth = 10

3.3.5.1.2.1 Test Channel = MCH

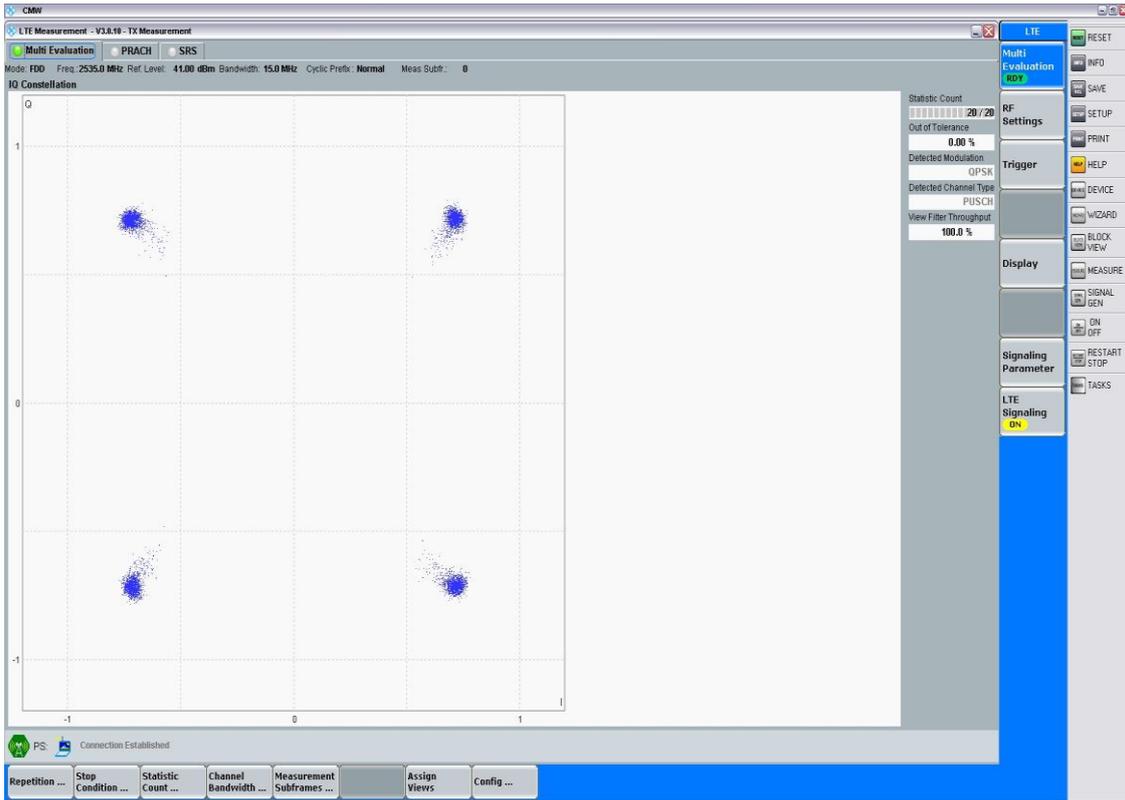
3.3.5.1.2.1.1 Test RB = RB50#0



3.3.5.1.3 Test Bandwidth = 15

3.3.5.1.3.1 Test Channel = MCH

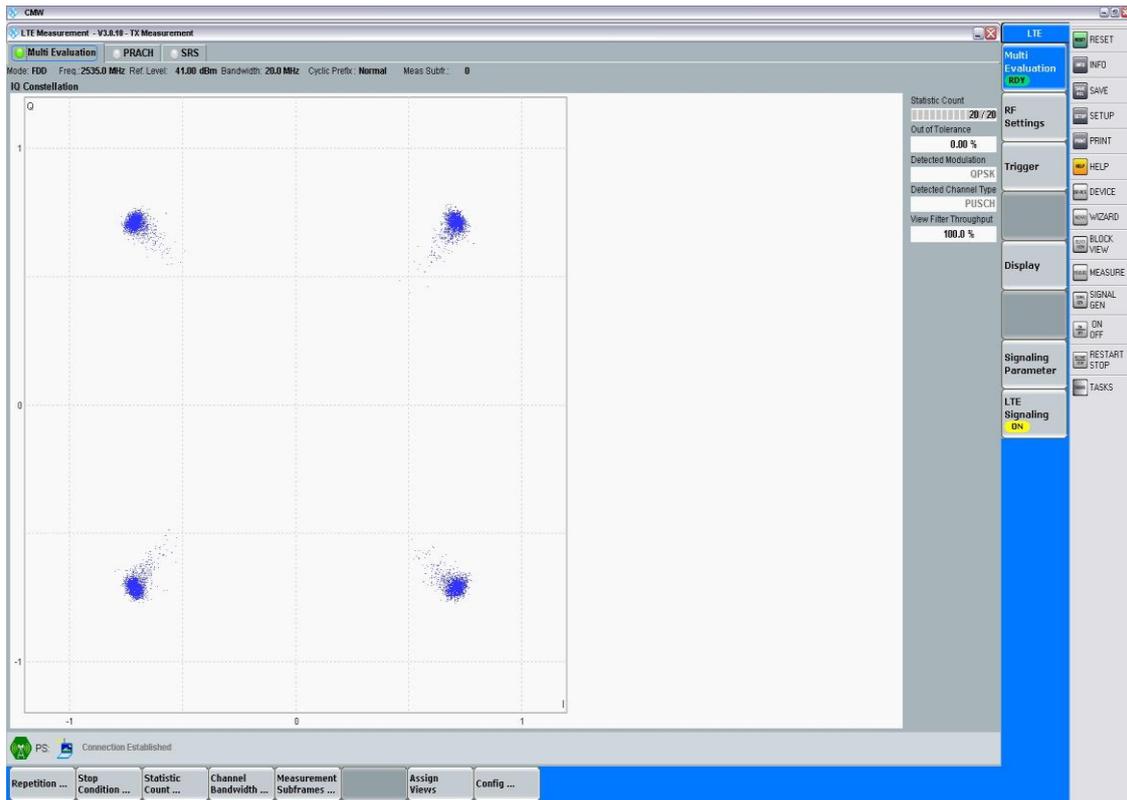
3.3.5.1.3.1.1 Test RB = RB75#0



3.3.5.1.4 Test Bandwidth = 20

3.3.5.1.4.1 Test Channel = MCH

3.3.5.1.4.1.1 Test RB = RB100#0

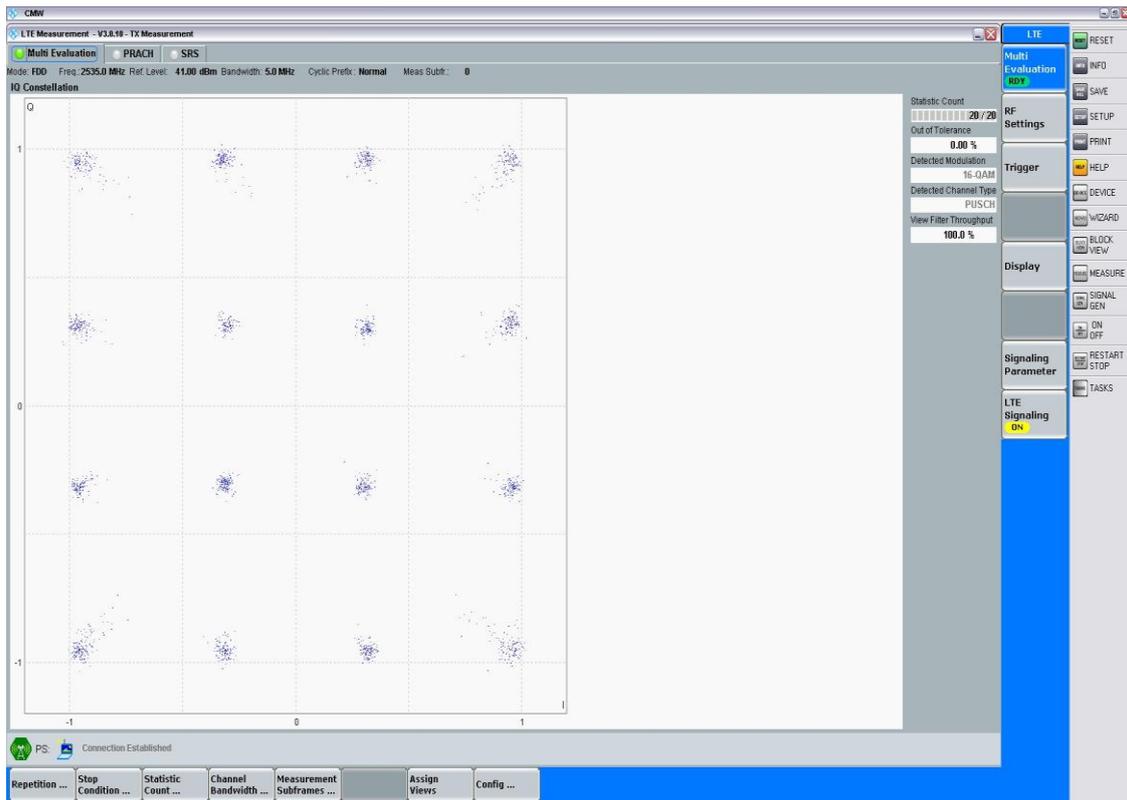


3.3.5.2 Test Mode = LTE/TM2

3.3.5.2.1 Test Bandwidth = 5

3.3.5.2.1.1 Test Channel = MCH

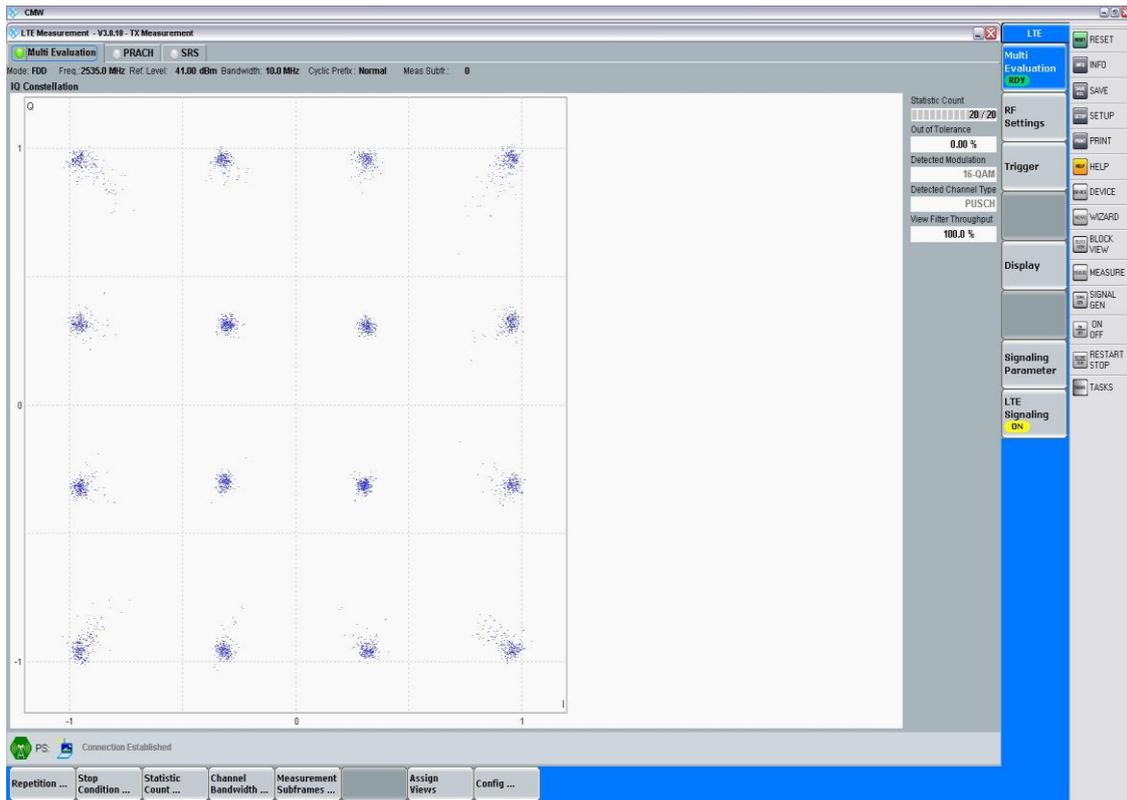
3.3.5.2.1.1.1 Test RB = RB25#0



3.3.5.2.2 Test Bandwidth = 10

3.3.5.2.2.1 Test Channel = MCH

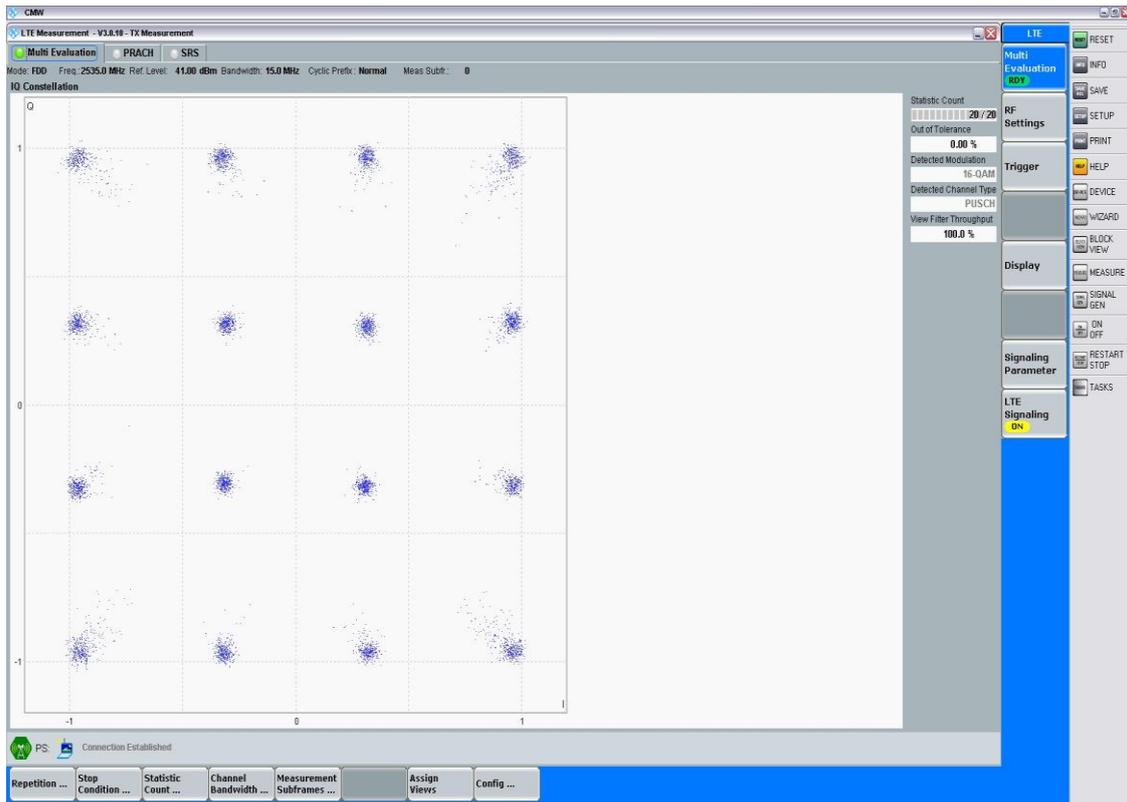
3.3.5.2.2.1.1 Test RB = RB50#0



3.3.5.2.3 Test Bandwidth = 15

3.3.5.2.3.1 Test Channel = MCH

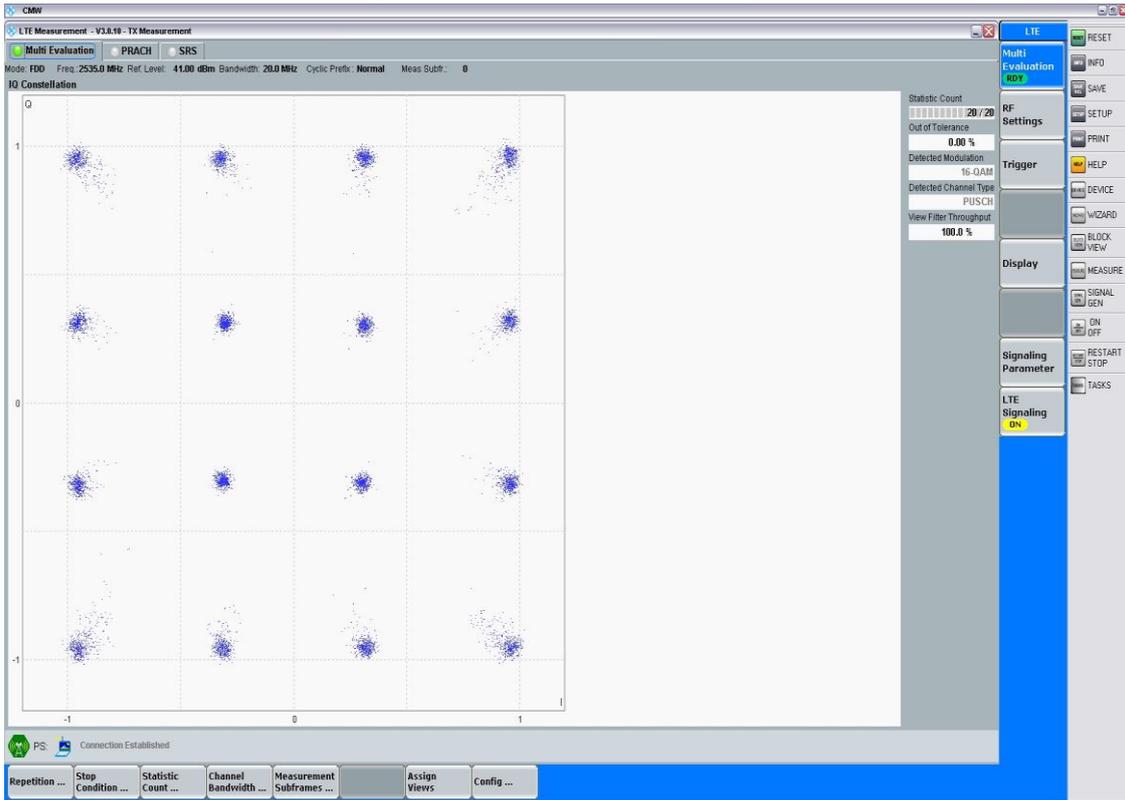
3.3.5.2.3.1.1 Test RB = RB75#0



3.3.5.2.4 Test Bandwidth = 20

3.3.5.2.4.1 Test Channel = MCH

3.3.5.2.4.1.1 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	245.80	317.84	Pass
		MCH	246.57	317.94	Pass
		HCH	245.85	313.82	Pass
	GSM/TM2	LCH	250.19	317.97	Pass
		MCH	244.82	310.89	Pass
		HCH	243.32	306.42	Pass
GSM1900	GSM/TM1	LCH	244.58	317.12	Pass
		MCH	246.66	324.47	Pass
		HCH	244.72	316.91	Pass
	GSM/TM2	LCH	253.75	325.48	Pass
		MCH	249.90	320.01	Pass
		HCH	250.42	317.07	Pass

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.15	4.74	Pass
		MCH	4.15	4.71	Pass
		HCH	4.14	4.74	Pass
WCDMA1700	UMTS/TM1	LCH	4.15	4.74	Pass
		MCH	4.15	4.73	Pass
		HCH	4.14	4.73	Pass
WCDMA1900	UMTS/TM1	LCH	4.15	4.73	Pass
		MCH	4.16	4.74	Pass
		HCH	4.14	4.72	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	4.50	4.87	Pass
			MCH	RB25#0	4.49	4.81	Pass
			HCH	RB25#0	4.49	4.88	Pass
		10	LCH	RB50#0	8.97	9.59	Pass
			MCH	RB50#0	8.98	9.60	Pass
			HCH	RB50#0	8.95	9.55	Pass
		15	LCH	RB75#0	13.48	14.39	Pass
			MCH	RB75#0	13.45	14.42	Pass
			HCH	RB75#0	13.45	14.48	Pass
		20	LCH	RB100#0	17.94	19.06	Pass
			MCH	RB100#0	17.93	19.06	Pass
			HCH	RB100#0	17.92	19.12	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.50	4.88	Pass
		10	LCH	RB50#0	8.97	9.62	Pass
			MCH	RB50#0	8.96	9.64	Pass
			HCH	RB50#0	8.95	9.61	Pass
		15	LCH	RB75#0	13.48	14.41	Pass
			MCH	RB75#0	13.46	14.43	Pass
			HCH	RB75#0	13.45	14.43	Pass
		20	LCH	RB100#0	17.95	19.11	Pass
			MCH	RB100#0	17.93	19.11	Pass
			HCH	RB100#0	17.95	19.10	Pass
BAND4	LTE/TM1	5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.51	4.86	Pass
			HCH	RB25#0	4.50	4.84	Pass
		10	LCH	RB50#0	8.98	9.66	Pass
			MCH	RB50#0	8.97	9.59	Pass
			HCH	RB50#0	8.96	9.59	Pass
		15	LCH	RB75#0	13.47	14.49	Pass
			MCH	RB75#0	13.48	14.38	Pass
			HCH	RB75#0	13.47	14.49	Pass
		20	LCH	RB100#0	17.96	19.13	Pass
			MCH	RB100#0	17.97	19.09	Pass
			HCH	RB100#0	17.95	19.12	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.87	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict	
			MCH	RB25#0	4.50	4.86	Pass	
			HCH	RB25#0	4.50	4.86	Pass	
			10	LCH	RB50#0	8.97	9.59	Pass
				MCH	RB50#0	8.97	9.63	Pass
				HCH	RB50#0	8.97	9.61	Pass
			15	LCH	RB75#0	13.47	14.51	Pass
		MCH		RB75#0	13.50	14.48	Pass	
		HCH		RB75#0	13.48	14.38	Pass	
		20	LCH	RB100#0	17.95	19.05	Pass	
			MCH	RB100#0	17.96	19.16	Pass	
			HCH	RB100#0	17.96	19.10	Pass	
		BAND5	LTE/TM1	5	LCH	RB25#0	4.49	4.87
MCH	RB25#0				4.49	4.87	Pass	
HCH	RB25#0				4.49	4.86	Pass	
10	LCH			RB50#0	8.96	9.61	Pass	
	MCH			RB50#0	8.96	9.57	Pass	
	HCH			RB50#0	8.96	9.59	Pass	
LTE/TM2	5		LCH	RB25#0	4.51	4.88	Pass	
			MCH	RB25#0	4.50	4.87	Pass	
			HCH	RB25#0	4.50	4.90	Pass	
	10		LCH	RB50#0	8.97	9.61	Pass	
			MCH	RB50#0	8.96	9.59	Pass	
			HCH	RB50#0	8.97	9.64	Pass	
BAND7	LTE/TM1	5	LCH	RB25#0	4.49	4.87	Pass	
			MCH	RB25#0	4.50	4.88	Pass	
			HCH	RB25#0	4.50	4.85	Pass	
		10	LCH	RB50#0	8.96	9.64	Pass	
			MCH	RB50#0	8.97	9.60	Pass	
			HCH	RB50#0	8.96	9.57	Pass	
		15	LCH	RB75#0	13.47	14.47	Pass	
			MCH	RB75#0	13.48	14.52	Pass	
			HCH	RB75#0	13.47	14.50	Pass	
		20	LCH	RB100#0	17.94	19.15	Pass	
			MCH	RB100#0	17.95	19.16	Pass	
			HCH	RB100#0	17.94	19.09	Pass	
	LTE/TM2	5	LCH	RB25#0	4.50	4.88	Pass	
			MCH	RB25#0	4.50	4.89	Pass	
			HCH	RB25#0	4.50	4.88	Pass	
		10	LCH	RB50#0	8.98	9.63	Pass	

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB50#0	8.97	9.70	Pass
			HCH	RB50#0	8.97	9.63	Pass
		15	LCH	RB75#0	13.47	14.50	Pass
			MCH	RB75#0	13.49	14.50	Pass
			HCH	RB75#0	13.48	14.41	Pass
		20	LCH	RB100#0	17.95	19.21	Pass
			MCH	RB100#0	17.97	19.25	Pass
			HCH	RB100#0	17.95	19.17	Pass

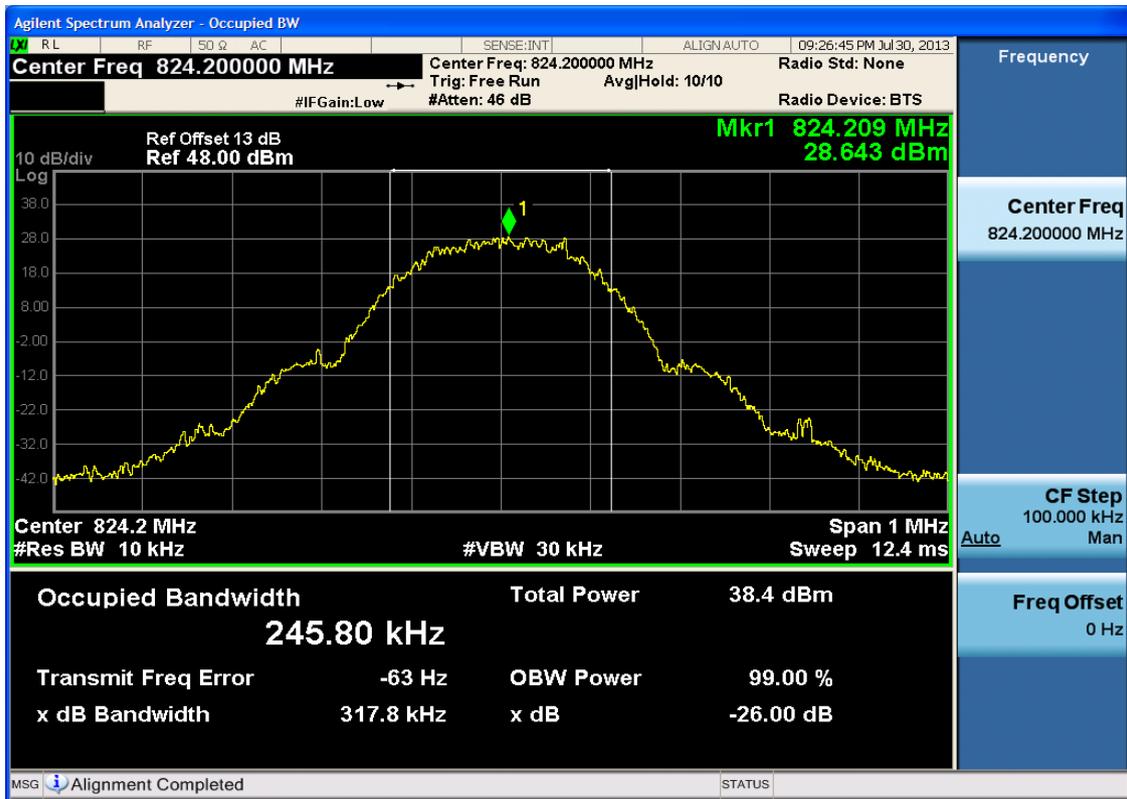
Part II - Test Plots

4.1 For GSM

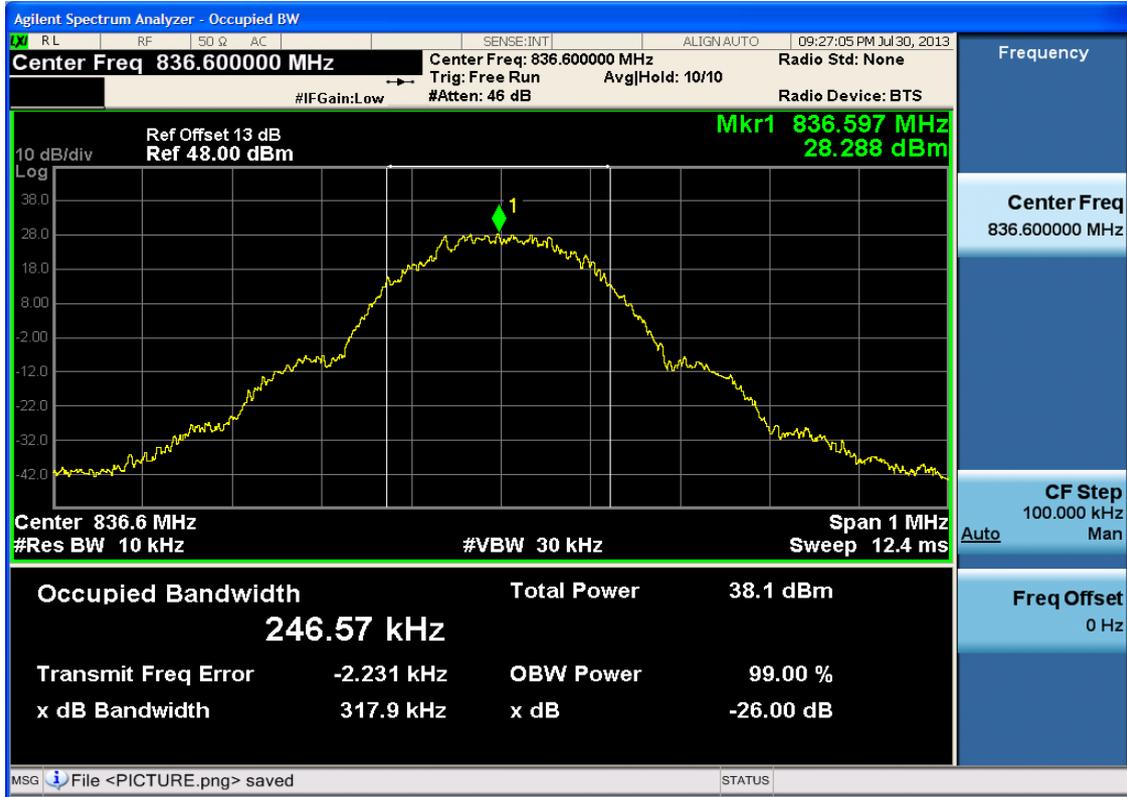
4.1.1 Test Band = GSM850

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



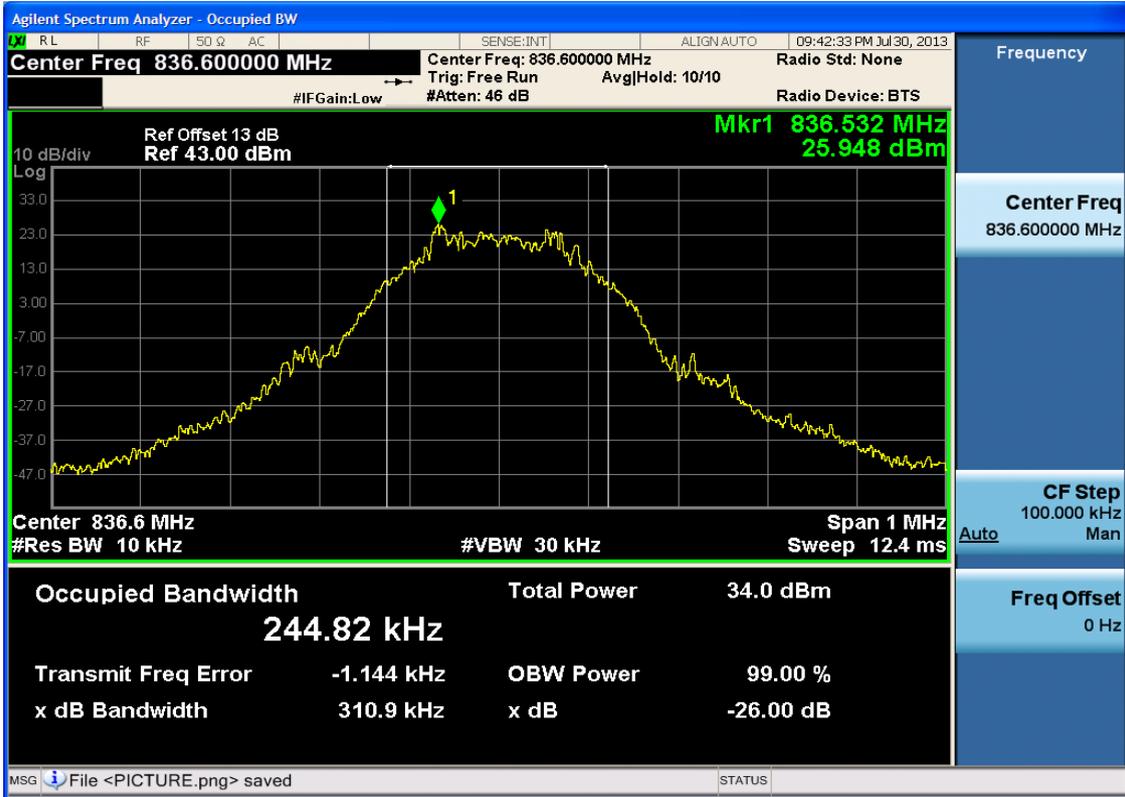


4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



4.1.1.2.2 Test Channel = MCH



4.1.1.2.3 Test Channel = HCH

