Appendix for test report

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1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
GSM850	GSM/TM1	LCH	32.41	32.72	38.5	PASS
		MCH	32.58	32.89	38.5	PASS
		HCH	32.4	32.71	38.5	PASS
	GSM/TM2	LCH	27.45	27.76	38.5	PASS
		MCH	27.25	27.56	38.5	PASS
		HCH	27.34	27.65	38.5	PASS
WCDMA850	UMTS/TM1	LCH	23.41	23.72	38..5	PASS
		MCH	23.64	23.95	38.5	PASS
		HCH	23.38	23.69	38.5	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.93	32.3	33	PASS
		MCH	29.94	32.31	33	PASS

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Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		HCH	29.52	31.89	33	PASS
	GSM/TM2	LCH	25.96	28.33	33	PASS
		MCH	26.02	28.39	33	PASS
		HCH	25.93	28.3	33	PASS
WCDMA1900	UMTS/TM1	LCH	23.73	26.1	33	PASS
		MCH	23.67	26.04	33	PASS
		HCH	23.69	26.06	33	PASS

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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	22.98	25.35	33	PASS
				RB1#13	22.79	25.16	33	PASS
				RB1#24	22.86	25.23	33	PASS
				RB12#0	21.51	23.88	33	PASS
				RB12#6	21.68	24.05	33	PASS
				RB12#13	21.35	23.72	33	PASS
				RB25#0	21.39	23.76	33	PASS
			MCH	RB1#0	23.41	25.78	33	PASS
				RB1#13	23.36	25.73	33	PASS
				RB1#24	23.52	25.89	33	PASS
				RB12#0	22	24.37	33	PASS
				RB12#6	22.21	24.58	33	PASS
				RB12#13	21.97	24.34	33	PASS
				RB25#0	21.95	24.32	33	PASS
			HCH	RB1#0	23.01	25.38	33	PASS
				RB1#13	22.9	25.27	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	23.08	25.45	33	PASS
				RB12#0	21.87	24.24	33	PASS
				RB12#6	22.03	24.4	33	PASS
				RB12#13	21.85	24.22	33	PASS
				RB25#0	21.66	24.03	33	PASS
		10	LCH	RB1#0	23.16	25.53	33	PASS
				RB1#25	22.91	25.28	33	PASS
				RB1#49	22.62	24.99	33	PASS
				RB25#0	21.73	24.1	33	PASS
				RB25#13	21.61	23.98	33	PASS
				RB25#25	21.43	23.8	33	PASS
				RB50#0	21.68	24.05	33	PASS
			MCH	RB1#0	23.07	25.44	33	PASS
				RB1#25	23.44	25.81	33	PASS
				RB1#49	23.02	25.39	33	PASS
				RB25#0	21.85	24.22	33	PASS
				RB25#13	22.14	24.51	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.95	24.32	33	PASS
				RB50#0	21.76	24.13	33	PASS
			HCH	RB1#0	22.72	25.09	33	PASS
				RB1#25	23.01	25.38	33	PASS
				RB1#49	22.7	25.07	33	PASS
				RB25#0	21.48	23.85	33	PASS
				RB25#13	21.74	24.11	33	PASS
				RB25#25	21.4	23.77	33	PASS
				RB50#0	21.43	23.8	33	PASS
		15	LCH	RB1#0	22.67	25.04	33	PASS
				RB1#38	22.43	24.8	33	PASS
				RB1#74	21.84	24.21	33	PASS
				RB38#0	21.45	23.82	33	PASS
				RB38#19	21.3	23.67	33	PASS
				RB38#39	21.17	23.54	33	PASS
				RB75#0	21.36	23.73	33	PASS
			MCH	RB1#0	22.49	24.86	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.04	25.41	33	PASS
				RB1#74	22.07	24.44	33	PASS
				RB38#0	21.45	23.82	33	PASS
				RB38#19	21.71	24.08	33	PASS
				RB38#39	21.64	24.01	33	PASS
				RB75#0	21.66	24.03	33	PASS
			HCH	RB1#0	21.92	24.29	33	PASS
				RB1#38	22.58	24.95	33	PASS
				RB1#74	21.86	24.23	33	PASS
				RB38#0	21	23.37	33	PASS
				RB38#19	21.45	23.82	33	PASS
				RB38#39	21.63	24	33	PASS
				RB75#0	21.52	23.89	33	PASS
		20	LCH	RB1#0	22.47	24.84	33	PASS
				RB1#50	22.07	24.44	33	PASS
				RB1#99	22.27	24.64	33	PASS
				RB50#0	21.58	23.95	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.06	23.43	33	PASS
				RB50#50	21.16	23.53	33	PASS
				RB100#0	21.51	23.88	33	PASS
			MCH	RB1#0	22.53	24.9	33	PASS
				RB1#50	23.05	25.42	33	PASS
				RB1#99	22.57	24.94	33	PASS
				RB50#0	21.67	24.04	33	PASS
				RB50#25	21.73	24.1	33	PASS
				RB50#50	21.75	24.12	33	PASS
				RB100#0	21.83	24.2	33	PASS
			HCH	RB1#0	22.34	24.71	33	PASS
				RB1#50	22.44	24.81	33	PASS
				RB1#99	22.86	25.23	33	PASS
				RB50#0	21.18	23.55	33	PASS
				RB50#25	21.42	23.79	33	PASS
				RB50#50	21.46	23.83	33	PASS
				RB100#0	21.35	23.72	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
	LTE/TM2	5	LCH	RB1#0	21.98	24.35	33	PASS
				RB1#13	22.05	24.42	33	PASS
				RB1#24	22.12	24.49	33	PASS
				RB12#0	20.72	23.09	33	PASS
				RB12#6	20.87	23.24	33	PASS
				RB12#13	20.2	22.57	33	PASS
				RB25#0	20.27	22.64	33	PASS
			MCH	RB1#0	22.72	25.09	33	PASS
				RB1#13	22.51	24.88	33	PASS
				RB1#24	22.74	25.11	33	PASS
				RB12#0	21.03	23.4	33	PASS
				RB12#6	21.25	23.62	33	PASS
				RB12#13	21	23.37	33	PASS
				RB25#0	20.94	23.31	33	PASS
			HCH	RB1#0	22.49	24.86	33	PASS
				RB1#13	22.25	24.62	33	PASS
				RB1#24	22.28	24.65	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	20.73	23.1	33	PASS
				RB12#6	20.93	23.3	33	PASS
				RB12#13	20.74	23.11	33	PASS
				RB25#0	20.54	22.91	33	PASS
		10	LCH	RB1#0	22.03	24.4	33	PASS
				RB1#25	21.72	24.09	33	PASS
				RB1#49	21.51	23.88	33	PASS
				RB25#0	20.38	22.75	33	PASS
				RB25#13	20.25	22.62	33	PASS
				RB25#25	20.1	22.47	33	PASS
				RB50#0	20.32	22.69	33	PASS
			MCH	RB1#0	21.97	24.34	33	PASS
				RB1#25	22.72	25.09	33	PASS
				RB1#49	22.28	24.65	33	PASS
				RB25#0	20.94	23.31	33	PASS
				RB25#13	21.22	23.59	33	PASS
				RB25#25	21.04	23.41	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.87	23.24	33	PASS
			HCH	RB1#0	21.98	24.35	33	PASS
				RB1#25	22.41	24.78	33	PASS
				RB1#49	21.98	24.35	33	PASS
				RB25#0	20.65	23.02	33	PASS
				RB25#13	20.91	23.28	33	PASS
				RB25#25	20.58	22.95	33	PASS
				RB50#0	20.58	22.95	33	PASS
		15	LCH	RB1#0	21.67	24.04	33	PASS
				RB1#38	21.42	23.79	33	PASS
				RB1#74	21.04	23.41	33	PASS
				RB38#0	20.59	22.96	33	PASS
				RB38#19	20.45	22.82	33	PASS
				RB38#39	20.01	22.38	33	PASS
				RB75#0	20.2	22.57	33	PASS
			MCH	RB1#0	21.9	24.27	33	PASS
				RB1#38	22.44	24.81	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	21.49	23.86	33	PASS
				RB38#0	20.7	23.07	33	PASS
				RB38#19	20.97	23.34	33	PASS
				RB38#39	20.91	23.28	33	PASS
				RB75#0	20.93	23.3	33	PASS
			HCH	RB1#0	21.36	23.73	33	PASS
				RB1#38	22.04	24.41	33	PASS
				RB1#74	21.33	23.7	33	PASS
				RB38#0	20.27	22.64	33	PASS
				RB38#19	20.73	23.1	33	PASS
				RB38#39	20.56	22.93	33	PASS
				RB75#0	20.46	22.83	33	PASS
		20	LCH	RB1#0	21.87	24.24	33	PASS
				RB1#50	21.43	23.8	33	PASS
				RB1#99	21.7	24.07	33	PASS
				RB50#0	20.55	22.92	33	PASS
				RB50#25	20.04	22.41	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	20.11	22.48	33	PASS
				RB100#0	20.16	22.53	33	PASS
			MCH	RB1#0	21.91	24.28	33	PASS
				RB1#50	22.37	24.74	33	PASS
				RB1#99	21.97	24.34	33	PASS
				RB50#0	20.66	23.03	33	PASS
				RB50#25	20.72	23.09	33	PASS
				RB50#50	20.75	23.12	33	PASS
				RB100#0	20.83	23.2	33	PASS
			HCH	RB1#0	21.63	24	33	PASS
				RB1#50	21.67	24.04	33	PASS
				RB1#99	21.93	24.3	33	PASS
				RB50#0	20.2	22.57	33	PASS
				RB50#25	20.46	22.83	33	PASS
				RB50#50	20.51	22.88	33	PASS
				RB100#0	20.4	22.77	33	PASS
BAND5	LTE/TM1	5	LCH	RB1#0	22.55	22.86	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.41	22.72	38.5	PASS
				RB1#24	22.7	23.01	38.5	PASS
				RB12#0	21.19	21.5	38.5	PASS
				RB12#6	21.42	21.73	38.5	PASS
				RB12#13	21.16	21.47	38.5	PASS
				RB25#0	21.01	21.32	38.5	PASS
			MCH	RB1#0	22.94	23.25	38.5	PASS
				RB1#13	22.69	23	38.5	PASS
				RB1#24	22.76	23.07	38.5	PASS
				RB12#0	21.36	21.67	38.5	PASS
				RB12#6	21.5	21.81	38.5	PASS
				RB12#13	21.23	21.54	38.5	PASS
				RB25#0	21.27	21.58	38.5	PASS
			HCH	RB1#0	22.65	22.96	38.5	PASS
				RB1#13	22.55	22.86	38.5	PASS
				RB1#24	22.89	23.2	38.5	PASS
				RB12#0	21.28	21.59	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#6	21.51	21.82	38.5	PASS
				RB12#13	21.23	21.54	38.5	PASS
				RB25#0	21.28	21.59	38.5	PASS
		10	LCH	RB1#0	22.41	22.72	38.5	PASS
				RB1#25	22.52	22.83	38.5	PASS
				RB1#49	22.6	22.91	38.5	PASS
				RB25#0	21.17	21.48	38.5	PASS
				RB25#13	21.45	21.76	38.5	PASS
				RB25#25	21.27	21.58	38.5	PASS
				RB50#0	21.26	21.57	38.5	PASS
			MCH	RB1#0	22.72	23.03	38.5	PASS
				RB1#25	22.79	23.1	38.5	PASS
				RB1#49	22.32	22.63	38.5	PASS
				RB25#0	21.38	21.69	38.5	PASS
				RB25#13	21.46	21.77	38.5	PASS
				RB25#25	21.11	21.42	38.5	PASS
				RB50#0	21.11	21.42	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.57	22.88	38.5	PASS
				RB1#25	22.46	22.77	38.5	PASS
				RB1#49	22.55	22.86	38.5	PASS
				RB25#0	20.94	21.25	38.5	PASS
				RB25#13	21.43	21.74	38.5	PASS
				RB25#25	21.17	21.48	38.5	PASS
				RB50#0	21.35	21.66	38.5	PASS
	LTE/TM2	5	LCH	RB1#0	21.56	21.87	38.5	PASS
				RB1#13	21.43	21.74	38.5	PASS
				RB1#24	21.8	22.11	38.5	PASS
				RB12#0	20.16	20.47	38.5	PASS
				RB12#6	20.4	20.71	38.5	PASS
				RB12#13	20.15	20.46	38.5	PASS
				RB25#0	20.09	20.4	38.5	PASS
			MCH	RB1#0	21.98	22.29	38.5	PASS
				RB1#13	21.75	22.06	38.5	PASS
				RB1#24	21.92	22.23	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	20.4	20.71	38.5	PASS
				RB12#6	20.57	20.88	38.5	PASS
				RB12#13	20.3	20.61	38.5	PASS
				RB25#0	20.4	20.71	38.5	PASS
			HCH	RB1#0	21.53	21.84	38.5	PASS
				RB1#13	21.43	21.74	38.5	PASS
				RB1#24	21.79	22.1	38.5	PASS
				RB12#0	20.1	20.41	38.5	PASS
				RB12#6	20.47	20.78	38.5	PASS
				RB12#13	20.21	20.52	38.5	PASS
				RB25#0	20.21	20.52	38.5	PASS
		10	LCH	RB1#0	21.28	21.59	38.5	PASS
				RB1#25	21.56	21.87	38.5	PASS
				RB1#49	21.6	21.91	38.5	PASS
				RB25#0	20.07	20.38	38.5	PASS
				RB25#13	20.37	20.68	38.5	PASS
				RB25#25	20.19	20.5	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.19	20.5	38.5	PASS
			MCH	RB1#0	21.58	21.89	38.5	PASS
				RB1#25	21.65	21.96	38.5	PASS
				RB1#49	21.28	21.59	38.5	PASS
				RB25#0	20.37	20.68	38.5	PASS
				RB25#13	20.46	20.77	38.5	PASS
				RB25#25	20.12	20.43	38.5	PASS
				RB50#0	20.12	20.43	38.5	PASS
			HCH	RB1#0	21.56	21.87	38.5	PASS
				RB1#25	21.56	21.87	38.5	PASS
				RB1#49	21.59	21.9	38.5	PASS
				RB25#0	19.98	20.29	38.5	PASS
				RB25#13	20.45	20.76	38.5	PASS
				RB25#25	20.31	20.62	38.5	PASS
				RB50#0	20.39	20.7	38.5	PASS
BAND7	LTE/TM1	5	LCH	RB1#0	23.19	25.56	33	PASS
				RB1#13	22.96	25.33	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	23.13	25.5	33	PASS
				RB12#0	21.5	23.87	33	PASS
				RB12#6	21.69	24.06	33	PASS
				RB12#13	21.36	23.73	33	PASS
				RB25#0	21.39	23.76	33	PASS
			MCH	RB1#0	23.33	25.7	33	PASS
				RB1#13	23.06	25.43	33	PASS
				RB1#24	23.21	25.58	33	PASS
				RB12#0	21.7	24.07	33	PASS
				RB12#6	21.94	24.31	33	PASS
				RB12#13	21.56	23.93	33	PASS
				RB25#0	21.53	23.9	33	PASS
			HCH	RB1#0	23.29	25.66	33	PASS
				RB1#13	23.14	25.51	33	PASS
				RB1#24	23.2	25.57	33	PASS
				RB12#0	21.79	24.16	33	PASS
				RB12#6	22.11	24.48	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.79	24.16	33	PASS
				RB25#0	21.7	24.07	33	PASS
		10	LCH	RB1#0	22.9	25.27	33	PASS
				RB1#25	22.98	25.35	33	PASS
				RB1#49	22.67	25.04	33	PASS
				RB25#0	21.34	23.71	33	PASS
				RB25#13	21.51	23.88	33	PASS
				RB25#25	21.35	23.72	33	PASS
				RB50#0	21.41	23.78	33	PASS
			MCH	RB1#0	23.22	25.59	33	PASS
				RB1#25	23.11	25.48	33	PASS
				RB1#49	22.68	25.05	33	PASS
				RB25#0	21.72	24.09	33	PASS
				RB25#13	21.81	24.18	33	PASS
				RB25#25	21.47	23.84	33	PASS
				RB50#0	21.57	23.94	33	PASS
			HCH	RB1#0	23.18	25.55	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	23.44	25.81	33	PASS
				RB1#49	22.84	25.21	33	PASS
				RB25#0	21.76	24.13	33	PASS
				RB25#13	21.95	24.32	33	PASS
				RB25#25	21.64	24.01	33	PASS
				RB50#0	21.55	23.92	33	PASS
		15	LCH	RB1#0	22.46	24.83	33	PASS
				RB1#38	22.67	25.04	33	PASS
				RB1#74	21.99	24.36	33	PASS
				RB36#0	21.37	23.74	33	PASS
				RB36#18	21.41	23.78	33	PASS
				RB36#39	21.23	23.6	33	PASS
				RB75#0	21.48	23.85	33	PASS
			MCH	RB1#0	22.66	25.03	33	PASS
				RB1#38	22.79	25.16	33	PASS
				RB1#74	21.8	24.17	33	PASS
				RB36#0	21.73	24.1	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB36#18	21.72	24.09	33	PASS
				RB36#39	21.18	23.55	33	PASS
				RB75#0	21.42	23.79	33	PASS
			HCH	RB1#0	22.38	24.75	33	PASS
				RB1#38	22.91	25.28	33	PASS
				RB1#74	22.04	24.41	33	PASS
				RB36#0	21.59	23.96	33	PASS
				RB36#18	21.81	24.18	33	PASS
				RB36#39	21.46	23.83	33	PASS
				RB75#0	21.57	23.94	33	PASS
		20	LCH	RB1#0	22.41	24.78	33	PASS
				RB1#50	22.38	24.75	33	PASS
				RB1#99	22.37	24.74	33	PASS
				RB50#0	21.26	23.63	33	PASS
				RB50#25	21.07	23.44	33	PASS
				RB50#50	21.18	23.55	33	PASS
				RB100#0	21.28	23.65	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.57	24.94	33	PASS
				RB1#50	22.48	24.85	33	PASS
				RB1#99	22.21	24.58	33	PASS
				RB50#0	21.38	23.75	33	PASS
				RB50#25	21.26	23.63	33	PASS
				RB50#50	21.21	23.58	33	PASS
				RB100#0	21.3	23.67	33	PASS
			HCH	RB1#0	22.15	24.52	33	PASS
				RB1#50	22.73	25.1	33	PASS
				RB1#99	22.87	25.24	33	PASS
				RB50#0	21.72	24.09	33	PASS
				RB50#25	21.76	24.13	33	PASS
				RB50#50	21.7	24.07	33	PASS
				RB100#0	21.63	24	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.88	24.25	33	PASS
				RB1#13	21.69	24.06	33	PASS
				RB1#24	21.89	24.26	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	20.33	22.7	33	PASS
				RB12#6	20.53	22.9	33	PASS
				RB12#13	20.23	22.6	33	PASS
				RB25#0	20.25	22.62	33	PASS
			MCH	RB1#0	22.13	24.5	33	PASS
				RB1#13	21.76	24.13	33	PASS
				RB1#24	21.99	24.36	33	PASS
				RB12#0	20.43	22.8	33	PASS
				RB12#6	20.69	23.06	33	PASS
				RB12#13	20.37	22.74	33	PASS
				RB25#0	20.31	22.68	33	PASS
			HCH	RB1#0	22.47	24.84	33	PASS
				RB1#13	22.2	24.57	33	PASS
				RB1#24	22.3	24.67	33	PASS
				RB12#0	20.5	22.87	33	PASS
				RB12#6	20.84	23.21	33	PASS
				RB12#13	20.53	22.9	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.44	22.81	33	PASS
		10	LCH	RB1#0	22.09	24.46	33	PASS
				RB1#25	22.04	24.41	33	PASS
				RB1#49	21.79	24.16	33	PASS
				RB25#0	20.22	22.59	33	PASS
				RB25#13	20.45	22.82	33	PASS
				RB25#25	20.3	22.67	33	PASS
				RB50#0	20.29	22.66	33	PASS
			MCH	RB1#0	22.42	24.79	33	PASS
				RB1#25	22.26	24.63	33	PASS
				RB1#49	21.79	24.16	33	PASS
				RB25#0	20.51	22.88	33	PASS
				RB25#13	20.62	22.99	33	PASS
				RB25#25	20.28	22.65	33	PASS
				RB50#0	20.36	22.73	33	PASS
			HCH	RB1#0	22.12	24.49	33	PASS
				RB1#25	22.39	24.76	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.01	24.38	33	PASS
				RB25#0	20.81	23.18	33	PASS
				RB25#13	20.75	23.12	33	PASS
				RB25#25	20.44	22.81	33	PASS
				RB50#0	20.36	22.73	33	PASS
		15	LCH	RB1#0	21.69	24.06	33	PASS
				RB1#38	21.75	24.12	33	PASS
				RB1#74	20.97	23.34	33	PASS
				RB36#0	20.26	22.63	33	PASS
				RB36#18	20.28	22.65	33	PASS
				RB36#39	20.13	22.5	33	PASS
				RB75#0	20.37	22.74	33	PASS
			MCH	RB1#0	21.81	24.18	33	PASS
				RB1#38	21.9	24.27	33	PASS
				RB1#74	20.83	23.2	33	PASS
				RB36#0	20.61	22.98	33	PASS
				RB36#18	20.61	22.98	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB36#39	20.1	22.47	33	PASS
				RB75#0	20.34	22.71	33	PASS
			HCH	RB1#0	21.66	24.03	33	PASS
				RB1#38	22.18	24.55	33	PASS
				RB1#74	21.53	23.9	33	PASS
				RB36#0	20.76	23.13	33	PASS
				RB36#18	20.7	23.07	33	PASS
				RB36#39	20.33	22.7	33	PASS
				RB75#0	20.48	22.85	33	PASS
		20	LCH	RB1#0	21.68	24.05	33	PASS
				RB1#50	21.72	24.09	33	PASS
				RB1#99	21.55	23.92	33	PASS
				RB50#0	20.21	22.58	33	PASS
				RB50#25	20	22.37	33	PASS
				RB50#50	20.14	22.51	33	PASS
				RB100#0	20.24	22.61	33	PASS
			MCH	RB1#0	21.87	24.24	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.9	24.27	33	PASS
				RB1#99	21.49	23.86	33	PASS
				RB50#0	20.37	22.74	33	PASS
				RB50#25	20.23	22.6	33	PASS
				RB50#50	20.2	22.57	33	PASS
				RB100#0	20.29	22.66	33	PASS
			HCH	RB1#0	21.32	23.69	33	PASS
				RB1#50	22.03	24.4	33	PASS
				RB1#99	21.98	24.35	33	PASS
				RB50#0	20.48	22.85	33	PASS
				RB50#25	20.46	22.83	33	PASS
				RB50#50	20.36	22.73	33	PASS
				RB100#0	20.31	22.68	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

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

Detector: RMS

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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	0.19	13	PASS
		MCH	0.21	13	PASS
		HCH	0.19	13	PASS
	GSM/TM2	LCH	3.26	13	PASS
		MCH	3.13	13	PASS
		HCH	3.27	13	PASS

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM1	LCH	2.22	13	PASS
		MCH	2.34	13	PASS
		HCH	2.11	13	PASS

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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	4.44	13	PASS
				RB1#13	4.3	13	PASS
				RB1#24	4.53	13	PASS
				RB12#0	5.74	13	PASS
				RB12#6	5.6	13	PASS
				RB12#13	5.82	13	PASS
				RB25#0	5.81	13	PASS
			MCH	RB1#0	4.83	13	PASS
				RB1#13	4.65	13	PASS
				RB1#24	4.76	13	PASS
				RB12#0	6.03	13	PASS
				RB12#6	5.88	13	PASS
				RB12#13	5.91	13	PASS
				RB25#0	5.7	13	PASS
			HCH	RB1#0	4.51	13	PASS
				RB1#13	4.32	13	PASS
				RB1#24	4.31	13	PASS
				RB12#0	5.85	13	PASS
				RB12#6	5.75	13	PASS
				RB12#13	5.78	13	PASS
				RB25#0	5.76	13	PASS
		10	LCH	RB1#0	4.18	13	PASS
				RB1#25	4.54	13	PASS
				RB1#49	4.79	13	PASS
				RB25#0	5.65	13	PASS
				RB25#13	5.7	13	PASS
				RB25#25	5.93	13	PASS
				RB50#0	5.91	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#25	4.5	13	PASS
				RB1#49	4.66	13	PASS
				RB25#0	6.06	13	PASS
				RB25#13	5.77	13	PASS
				RB25#25	6.01	13	PASS
				RB50#0	6.07	13	PASS
			HCH	RB1#0	4.72	13	PASS
				RB1#25	4.51	13	PASS
				RB1#49	4.42	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.81	13	PASS
				RB25#13	5.55	13	PASS
				RB25#25	5.77	13	PASS
				RB50#0	6.04	13	PASS
		15	LCH	RB1#0	4.37	13	PASS
				RB1#38	4.75	13	PASS
				RB1#74	4.59	13	PASS
				RB36#0	5.9	13	PASS
				RB36#18	5.96	13	PASS
				RB36#39	6.08	13	PASS
				RB75#0	6.26	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#38	4.68	13	PASS
				RB1#74	4.65	13	PASS
				RB36#0	6.18	13	PASS
				RB36#18	5.89	13	PASS
				RB36#39	6.16	13	PASS
				RB75#0	6.4	13	PASS
			HCH	RB1#0	4.92	13	PASS
				RB1#38	4.79	13	PASS
				RB1#74	4.43	13	PASS
				RB36#0	6.3	13	PASS
				RB36#18	6.1	13	PASS
				RB36#39	6.09	13	PASS
				RB75#0	6.5	13	PASS
		20	LCH	RB1#0	4.52	13	PASS
				RB1#50	5.12	13	PASS
				RB1#99	5.12	13	PASS
				RB50#0	6.02	13	PASS
				RB50#25	6.02	13	PASS
				RB50#50	6.06	13	PASS
				RB100#0	6.39	13	PASS
			MCH	RB1#0	4.89	13	PASS
				RB1#50	4.74	13	PASS
				RB1#99	4.6	13	PASS
				RB50#0	6.1	13	PASS
				RB50#25	5.98	13	PASS
				RB50#50	6.02	13	PASS
				RB100#0	6.4	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.9	13	PASS
				RB1#50	4.74	13	PASS
				RB1#99	4.62	13	PASS
				RB50#0	6.46	13	PASS
				RB50#25	6.36	13	PASS
				RB50#50	6.3	13	PASS
				RB100#0	6.43	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.04	13	PASS
				RB1#13	5.15	13	PASS
				RB1#24	5.24	13	PASS
				RB12#0	6.45	13	PASS
				RB12#6	6.35	13	PASS
				RB12#13	6.62	13	PASS
				RB25#0	6.44	13	PASS
			MCH	RB1#0	5.54	13	PASS
				RB1#13	5.39	13	PASS
				RB1#24	5.23	13	PASS
				RB12#0	6.63	13	PASS
				RB12#6	6.56	13	PASS
				RB12#13	6.63	13	PASS
				RB25#0	6.74	13	PASS
			HCH	RB1#0	5.44	13	PASS
				RB1#13	5.33	13	PASS
				RB1#24	5.15	13	PASS
				RB12#0	6.45	13	PASS
				RB12#6	6.34	13	PASS
				RB12#13	6.42	13	PASS
				RB25#0	6.68	13	PASS
		10	LCH	RB1#0	4.94	13	PASS
				RB1#25	5.44	13	PASS
				RB1#49	5.4	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.36	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	6.62	13	PASS
			MCH	RB1#0	5.53	13	PASS
				RB1#25	5.45	13	PASS
				RB1#49	5.4	13	PASS
				RB25#0	6.83	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.49	13	PASS
				RB25#25	6.79	13	PASS
				RB50#0	6.75	13	PASS
			HCH	RB1#0	5.54	13	PASS
				RB1#25	5.27	13	PASS
				RB1#49	5.07	13	PASS
				RB25#0	7.04	13	PASS
				RB25#13	6.74	13	PASS
				RB25#25	6.96	13	PASS
				RB50#0	6.94	13	PASS
		15	LCH	RB1#0	5.06	13	PASS
				RB1#38	5.56	13	PASS
				RB1#74	5.31	13	PASS
				RB36#0	6.66	13	PASS
				RB36#18	6.78	13	PASS
				RB36#39	6.97	13	PASS
				RB75#0	7.19	13	PASS
			MCH	RB1#0	6.01	13	PASS
				RB1#38	5.72	13	PASS
				RB1#74	5.82	13	PASS
				RB36#0	6.99	13	PASS
				RB36#18	6.75	13	PASS
				RB36#39	6.92	13	PASS
				RB75#0	7.09	13	PASS
			HCH	RB1#0	6.17	13	PASS
				RB1#38	5.73	13	PASS
				RB1#74	5.41	13	PASS
				RB36#0	7.25	13	PASS
				RB36#18	7.05	13	PASS
				RB36#39	7.01	13	PASS
				RB75#0	7.18	13	PASS
		20	LCH	RB1#0	5.16	13	PASS
				RB1#50	5.76	13	PASS
				RB1#99	5.1	13	PASS
				RB50#0	6.77	13	PASS
				RB50#25	7.08	13	PASS
				RB50#50	7.16	13	PASS
				RB100#0	7.04	13	PASS
			MCH	RB1#0	5.46	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	5.32	13	PASS
				RB1#99	5.24	13	PASS
				RB50#0	7.28	13	PASS
				RB50#25	7.23	13	PASS
				RB50#50	7.16	13	PASS
				RB100#0	7.23	13	PASS
			HCH	RB1#0	5.72	13	PASS
				RB1#50	5.65	13	PASS
				RB1#99	5.13	13	PASS
				RB50#0	7.23	13	PASS
				RB50#25	7.09	13	PASS
				RB50#50	6.97	13	PASS
				RB100#0	7.51	13	PASS
BAND5	LTE/TM1	5	LCH	RB1#0	4.55	13	PASS
				RB1#13	4.41	13	PASS
				RB1#24	4.52	13	PASS
				RB12#0	5.74	13	PASS
				RB12#6	5.59	13	PASS
				RB12#13	5.73	13	PASS
				RB25#0	5.66	13	PASS
			MCH	RB1#0	4.92	13	PASS
				RB1#13	4.7	13	PASS
				RB1#24	4.65	13	PASS
				RB12#0	5.82	13	PASS
				RB12#6	5.74	13	PASS
				RB12#13	5.88	13	PASS
				RB25#0	5.94	13	PASS
			HCH	RB1#0	4.5	13	PASS
				RB1#13	4.47	13	PASS
				RB1#24	4.28	13	PASS
				RB12#0	5.84	13	PASS
				RB12#6	5.99	13	PASS
				RB12#13	6.16	13	PASS
				RB25#0	5.81	13	PASS
		10	LCH	RB1#0	4.58	13	PASS
				RB1#25	4.63	13	PASS
				RB1#49	4.91	13	PASS
				RB25#0	6.28	13	PASS
				RB25#13	6	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.31	13	PASS
				RB50#0	6.25	13	PASS
			MCH	RB1#0	4.95	13	PASS
				RB1#25	4.79	13	PASS
				RB1#49	4.61	13	PASS
				RB25#0	6.25	13	PASS
				RB25#13	5.89	13	PASS
				RB25#25	6.24	13	PASS
				RB50#0	6.37	13	PASS
			HCH	RB1#0	4.32	13	PASS
				RB1#25	4.33	13	PASS
				RB1#49	4.32	13	PASS
				RB25#0	6.17	13	PASS
				RB25#13	5.81	13	PASS
				RB25#25	6.29	13	PASS
				RB50#0	5.98	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.42	13	PASS
				RB1#13	5.61	13	PASS
				RB1#24	5.55	13	PASS
				RB12#0	6.56	13	PASS
				RB12#6	6.42	13	PASS
				RB12#13	6.61	13	PASS
				RB25#0	6.9	13	PASS
			MCH	RB1#0	5.71	13	PASS
				RB1#13	5.72	13	PASS
				RB1#24	5.45	13	PASS
				RB12#0	6.85	13	PASS
				RB12#6	6.77	13	PASS
				RB12#13	6.79	13	PASS
				RB25#0	6.79	13	PASS
			HCH	RB1#0	5.55	13	PASS
				RB1#13	5.67	13	PASS
				RB1#24	5.29	13	PASS
				RB12#0	6.6	13	PASS
				RB12#6	6.48	13	PASS
				RB12#13	6.47	13	PASS
				RB25#0	6.79	13	PASS
		10	LCH	RB1#0	5.55	13	PASS
				RB1#25	5.53	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.3	13	PASS
				RB25#0	6.8	13	PASS
				RB25#13	6.66	13	PASS
				RB25#25	6.81	13	PASS
				RB50#0	6.87	13	PASS
			MCH	RB1#0	5.68	13	PASS
				RB1#25	5.8	13	PASS
				RB1#49	5.67	13	PASS
				RB25#0	6.93	13	PASS
				RB25#13	6.81	13	PASS
				RB25#25	7.04	13	PASS
				RB50#0	6.94	13	PASS
			HCH	RB1#0	5.41	13	PASS
				RB1#25	5.33	13	PASS
				RB1#49	5.34	13	PASS
				RB25#0	7.04	13	PASS
				RB25#13	6.7	13	PASS
				RB25#25	6.84	13	PASS
				RB50#0	6.96	13	PASS
BAND7	LTE/TM1	5	LCH	RB1#0	4.49	13	PASS
				RB1#13	4.32	13	PASS
				RB1#24	4.28	13	PASS
				RB12#0	6.13	13	PASS
				RB12#6	5.91	13	PASS
				RB12#13	6.12	13	PASS
				RB25#0	6	13	PASS
			MCH	RB1#0	4.69	13	PASS
				RB1#13	4.58	13	PASS
				RB1#24	4.48	13	PASS
				RB12#0	6.16	13	PASS
				RB12#6	6.05	13	PASS
				RB12#13	6.3	13	PASS
				RB25#0	6.01	13	PASS
			HCH	RB1#0	4.34	13	PASS
				RB1#13	4.07	13	PASS
				RB1#24	3.81	13	PASS
				RB12#0	5.74	13	PASS
				RB12#6	5.45	13	PASS
				RB12#13	5.6	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.92	13	PASS
		10	LCH	RB1#0	4.36	13	PASS
				RB1#25	4.35	13	PASS
				RB1#49	4.38	13	PASS
				RB25#0	6.21	13	PASS
				RB25#13	6.02	13	PASS
				RB25#25	6.3	13	PASS
				RB50#0	6.39	13	PASS
			MCH	RB1#0	4.14	13	PASS
				RB1#25	4.17	13	PASS
				RB1#49	4.28	13	PASS
				RB25#0	6.24	13	PASS
				RB25#13	6.02	13	PASS
				RB25#25	6.33	13	PASS
				RB50#0	6.35	13	PASS
			HCH	RB1#0	4.13	13	PASS
				RB1#25	3.88	13	PASS
				RB1#49	4	13	PASS
				RB25#0	6.04	13	PASS
				RB25#13	5.68	13	PASS
				RB25#25	5.86	13	PASS
				RB50#0	6.23	13	PASS
		15	LCH	RB1#0	4.58	13	PASS
				RB1#38	4.56	13	PASS
				RB1#74	4.81	13	PASS
				RB36#0	6.42	13	PASS
				RB36#18	6.16	13	PASS
				RB36#39	6.25	13	PASS
				RB75#0	6.44	13	PASS
			MCH	RB1#0	4.5	13	PASS
				RB1#38	4.48	13	PASS
				RB1#74	4.74	13	PASS
				RB36#0	6.45	13	PASS
				RB36#18	6.41	13	PASS
				RB36#39	6.37	13	PASS
				RB75#0	6.8	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#38	4.44	13	PASS
				RB1#74	4.36	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB36#0	6.15	13	PASS
				RB36#18	6	13	PASS
				RB36#39	6.1	13	PASS
				RB75#0	6.54	13	PASS
		20	LCH	RB1#0	4.75	13	PASS
				RB1#50	4.93	13	PASS
				RB1#99	4.75	13	PASS
				RB50#0	6.37	13	PASS
				RB50#25	6.32	13	PASS
				RB50#50	6.25	13	PASS
				RB100#0	6.46	13	PASS
			MCH	RB1#0	4.75	13	PASS
				RB1#50	4.83	13	PASS
				RB1#99	4.69	13	PASS
				RB50#0	6.54	13	PASS
				RB50#25	6.36	13	PASS
				RB50#50	6.19	13	PASS
				RB100#0	6.52	13	PASS
			HCH	RB1#0	4.7	13	PASS
				RB1#50	4.36	13	PASS
				RB1#99	4.17	13	PASS
				RB50#0	6.17	13	PASS
				RB50#25	6.04	13	PASS
				RB50#50	6.05	13	PASS
				RB100#0	6.49	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.25	13	PASS
				RB1#13	5.39	13	PASS
				RB1#24	5.29	13	PASS
				RB12#0	6.5	13	PASS
				RB12#6	6.43	13	PASS
				RB12#13	6.65	13	PASS
				RB25#0	6.89	13	PASS
			MCH	RB1#0	5.42	13	PASS
				RB1#13	5.62	13	PASS
				RB1#24	5.46	13	PASS
				RB12#0	6.6	13	PASS
				RB12#6	6.51	13	PASS
				RB12#13	6.68	13	PASS
				RB25#0	6.82	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	5	13	PASS
				RB1#13	4.96	13	PASS
				RB1#24	4.67	13	PASS
				RB12#0	6.38	13	PASS
				RB12#6	6.1	13	PASS
				RB12#13	6.1	13	PASS
				RB25#0	6.27	13	PASS
		10	LCH	RB1#0	5.44	13	PASS
				RB1#25	5.55	13	PASS
				RB1#49	5.59	13	PASS
				RB25#0	6.8	13	PASS
				RB25#13	6.58	13	PASS
				RB25#25	6.78	13	PASS
				RB50#0	6.87	13	PASS
			MCH	RB1#0	5.45	13	PASS
				RB1#25	5.52	13	PASS
				RB1#49	5.59	13	PASS
				RB25#0	6.88	13	PASS
				RB25#13	6.7	13	PASS
				RB25#25	6.87	13	PASS
				RB50#0	6.94	13	PASS
			HCH	RB1#0	5.07	13	PASS
				RB1#25	4.89	13	PASS
				RB1#49	4.82	13	PASS
				RB25#0	6.74	13	PASS
				RB25#13	6.47	13	PASS
				RB25#25	6.65	13	PASS
				RB50#0	6.89	13	PASS
		15	LCH	RB1#0	5.65	13	PASS
				RB1#38	5.56	13	PASS
				RB1#74	5.22	13	PASS
				RB36#0	6.91	13	PASS
				RB36#18	6.87	13	PASS
				RB36#39	7.09	13	PASS
				RB75#0	7.29	13	PASS
			MCH	RB1#0	5.72	13	PASS
				RB1#38	5.57	13	PASS
				RB1#74	5.3	13	PASS
				RB36#0	6.86	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB36#18	6.81	13	PASS
				RB36#39	7.03	13	PASS
				RB75#0	7.38	13	PASS
			HCH	RB1#0	5.54	13	PASS
				RB1#38	5.12	13	PASS
				RB1#74	5.21	13	PASS
				RB36#0	6.77	13	PASS
				RB36#18	6.55	13	PASS
				RB36#39	6.48	13	PASS
				RB75#0	7.04	13	PASS
		20	LCH	RB1#0	5.37	13	PASS
				RB1#50	5.58	13	PASS
				RB1#99	5.1	13	PASS
				RB50#0	7.21	13	PASS
				RB50#25	7.35	13	PASS
				RB50#50	7.23	13	PASS
				RB100#0	7.41	13	PASS
			MCH	RB1#0	5.67	13	PASS
				RB1#50	5.66	13	PASS
				RB1#99	5.13	13	PASS
				RB50#0	7.07	13	PASS
				RB50#25	7.18	13	PASS
				RB50#50	7.19	13	PASS
				RB100#0	7.4	13	PASS
			HCH	RB1#0	5.37	13	PASS
				RB1#50	5.2	13	PASS
				RB1#99	4.76	13	PASS
				RB50#0	6.67	13	PASS
				RB50#25	6.56	13	PASS
				RB50#50	6.52	13	PASS
				RB100#0	6.97	13	PASS

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3Appendix_C: Modulation Characteristics

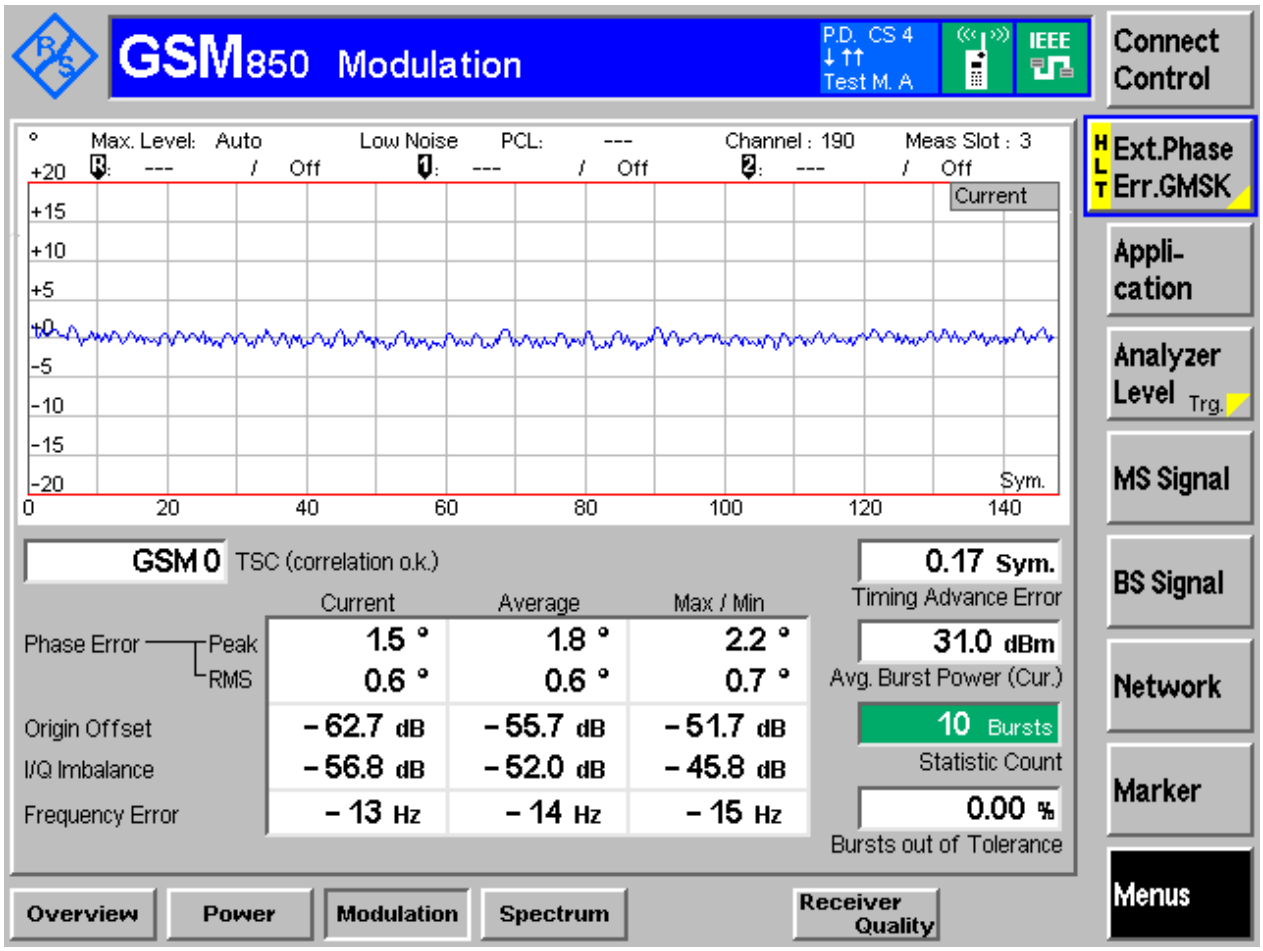
Part I - Test Plots

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



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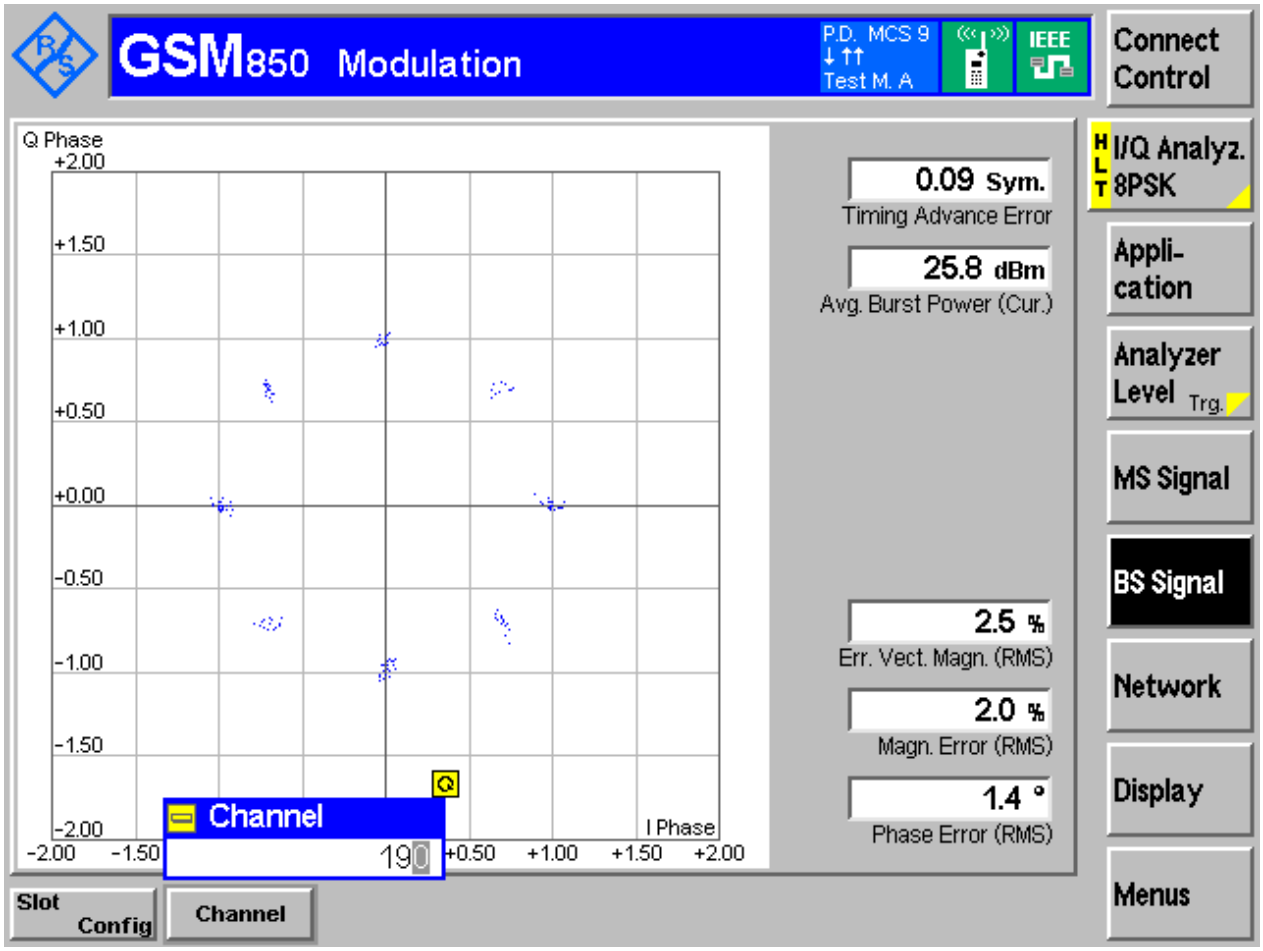
3.1.1.2 Test Mode = GSM/TM2

3.1.1.2.1 Test Channel = MCH



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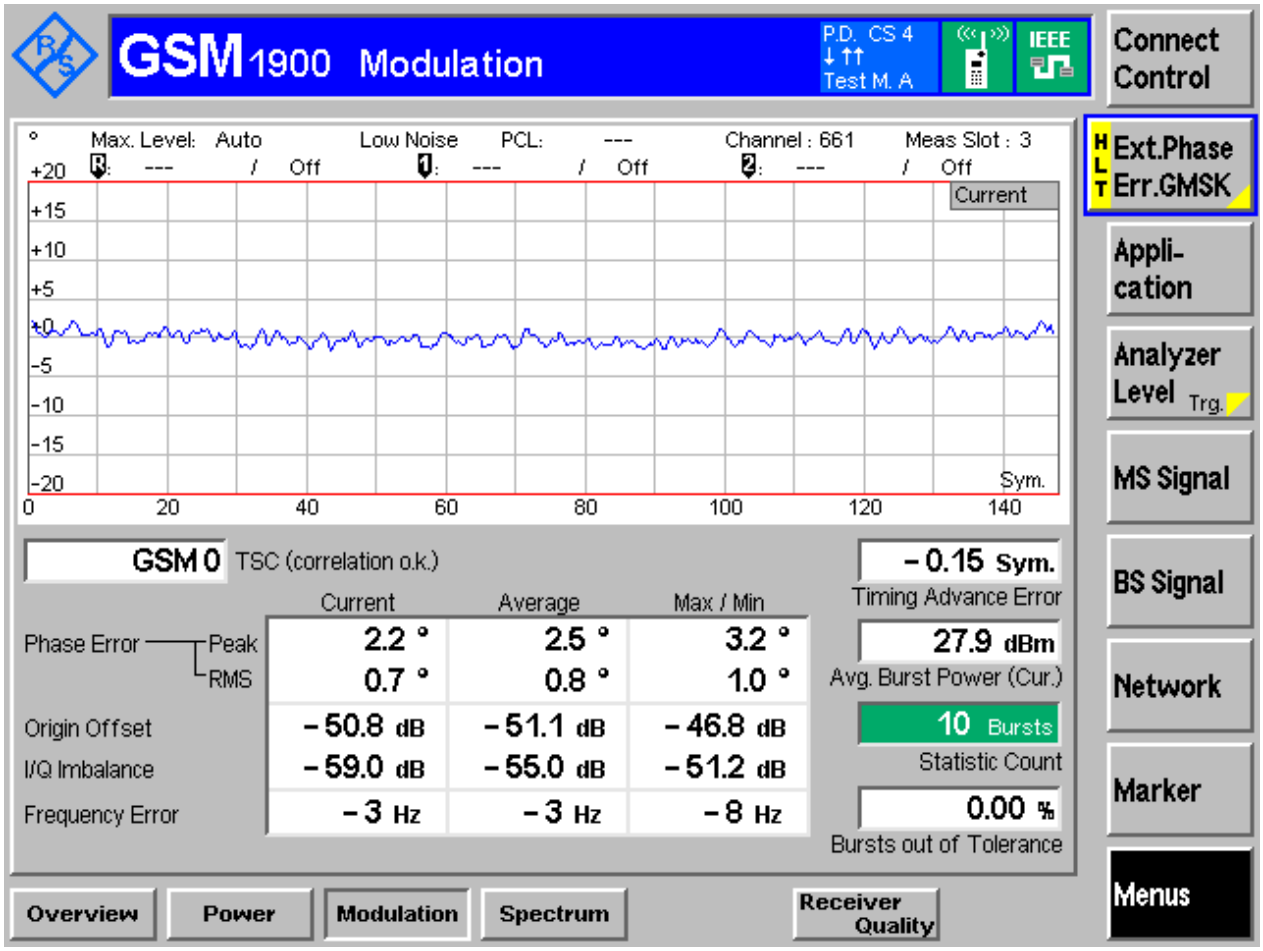
3.1.2 Test Band = GSM1900

3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH



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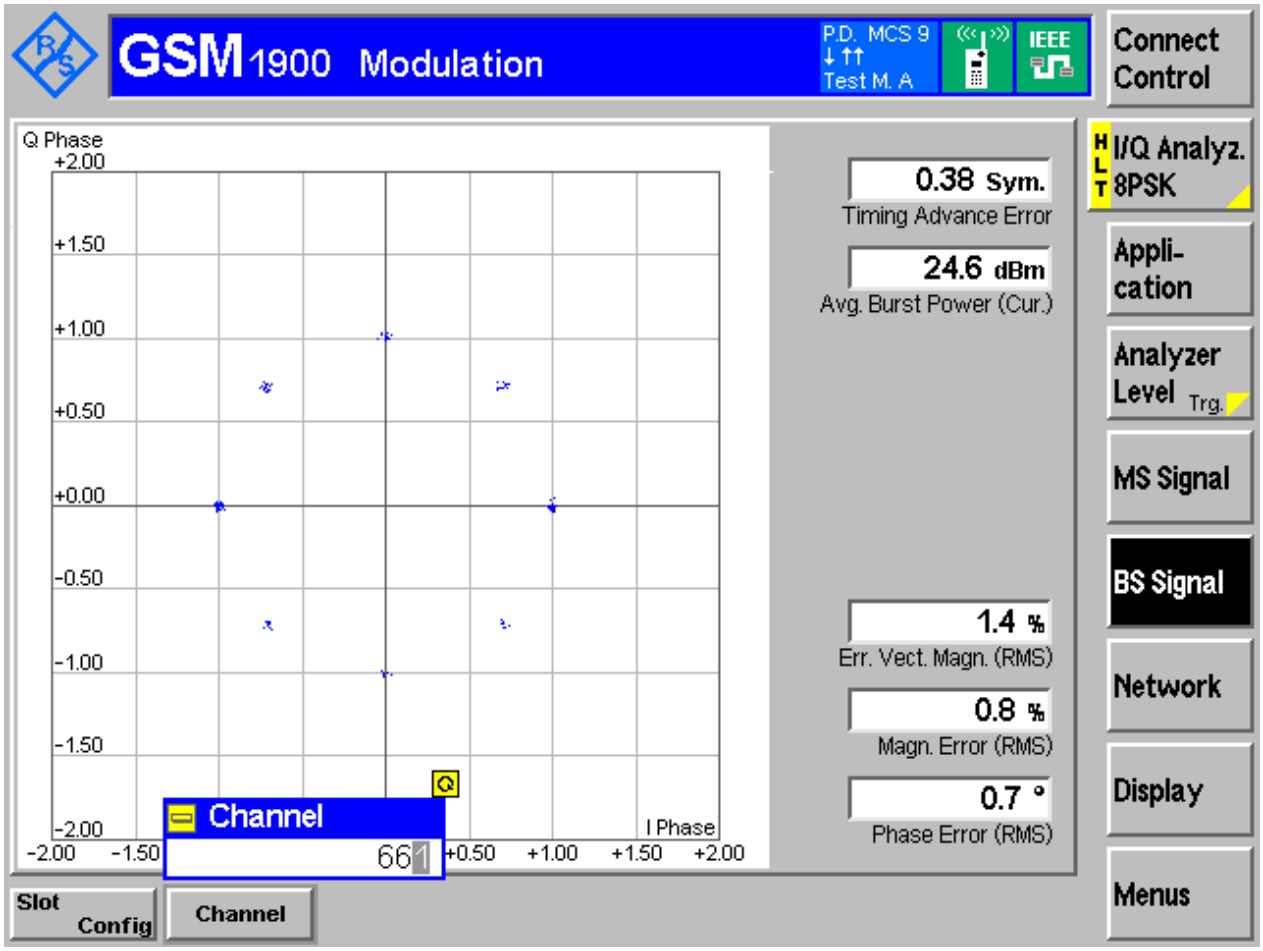
3.1.2.2 Test Mode = GSM/TM2

3.1.2.2.1 Test Channel = MCH



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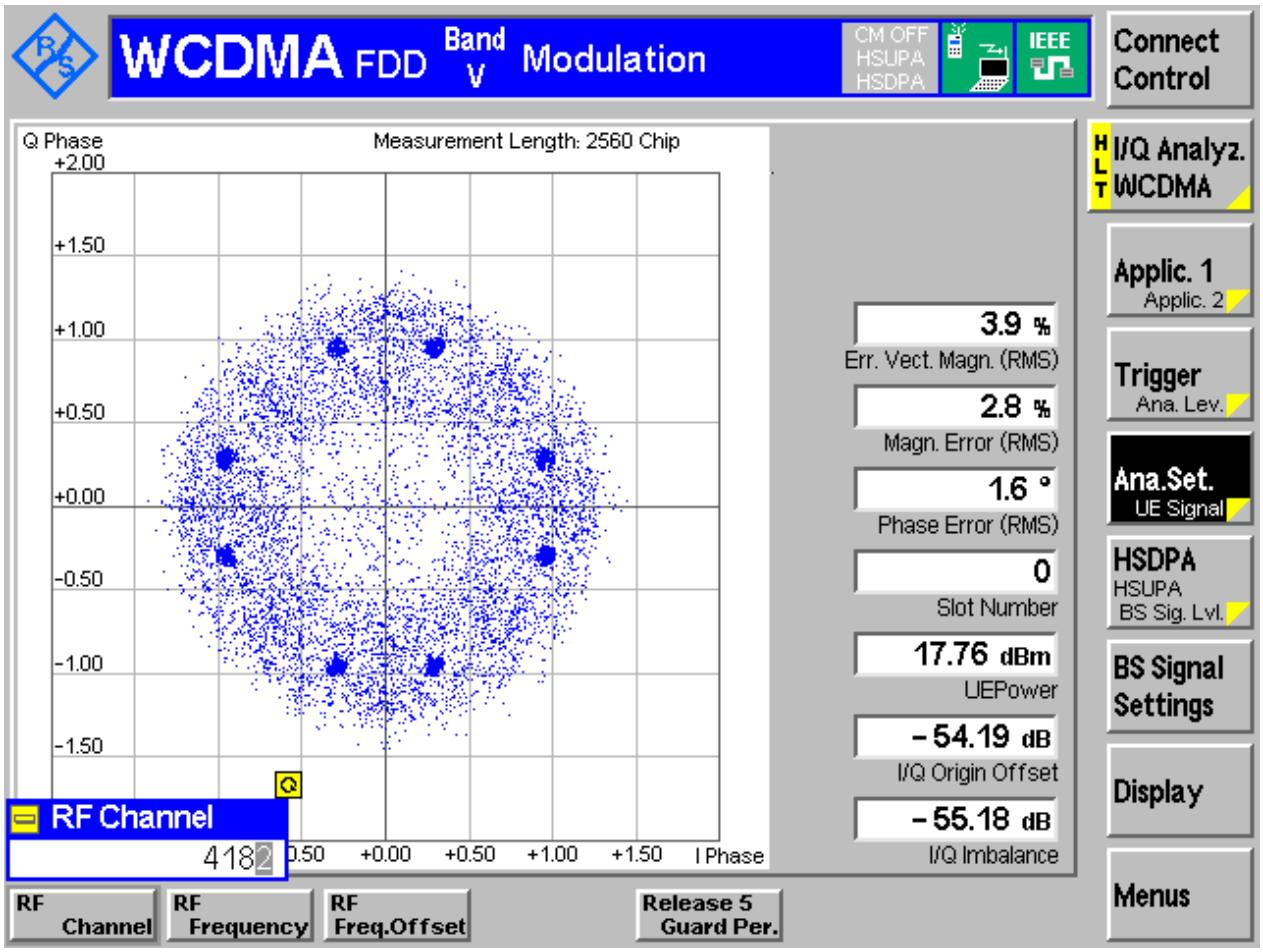
3.2 For UMTS

3.2.1 Test Band = WCDMA850

3.2.1.1 Test Mode = UMTS/TM1

3.2.1.1.1 Test Channel = MCH



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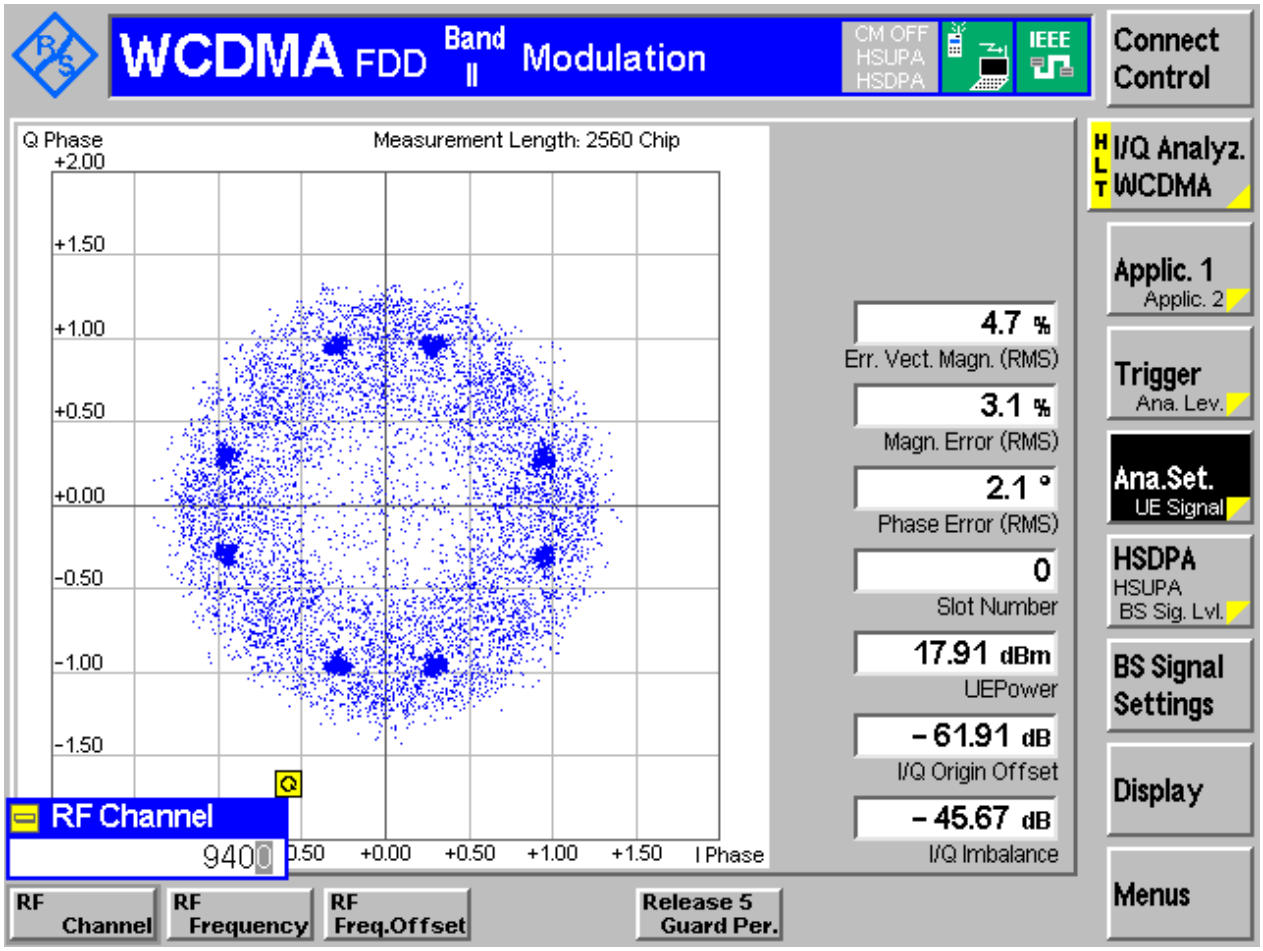
3.2.2 Test Band = WCDMA1900

3.2.2.1 Test Mode = UMTS/TM1

3.2.2.1.1 Test Channel = MCH



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3.3 For LTE

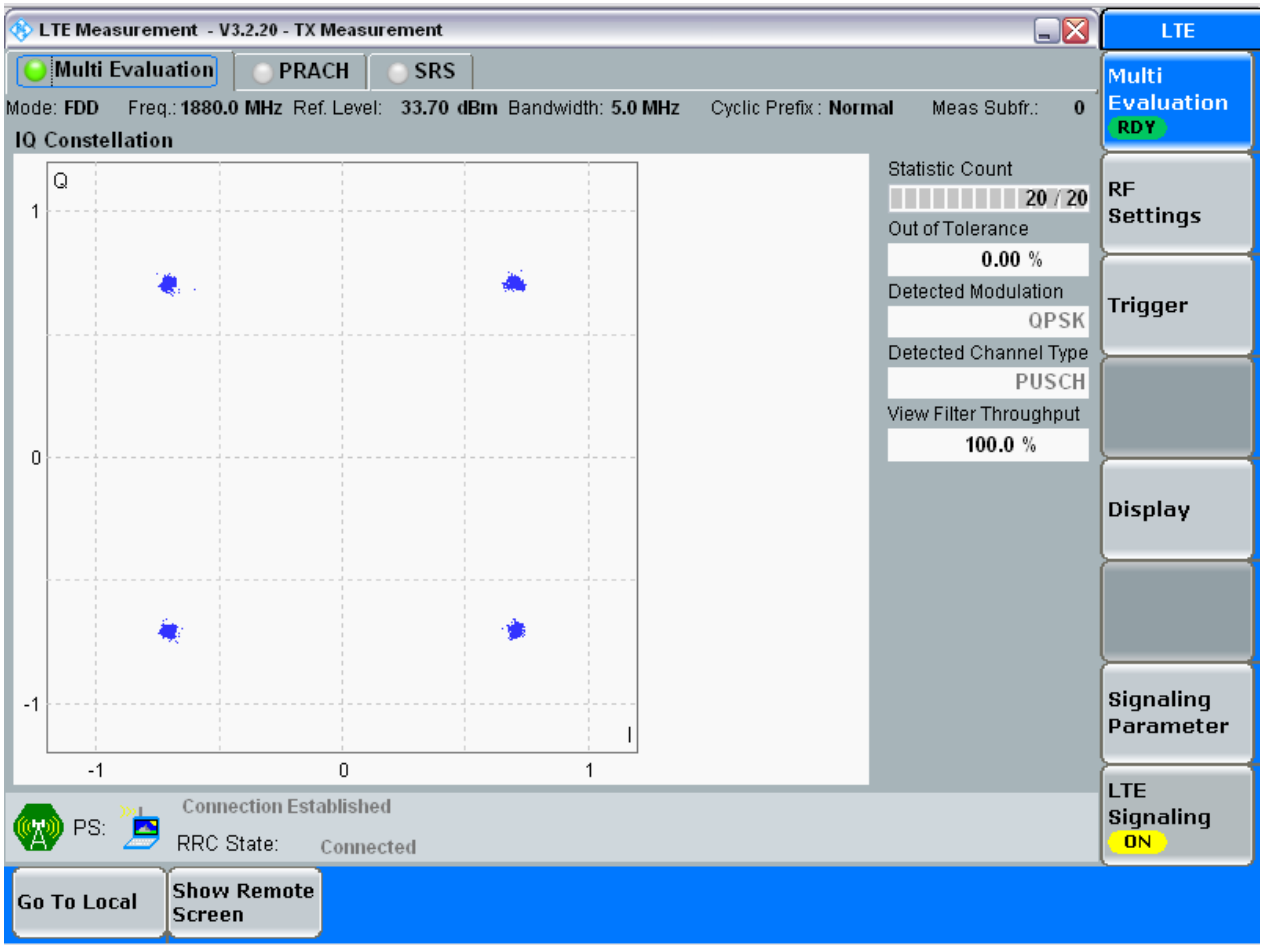
3.3.2 Test Band = BAND2

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



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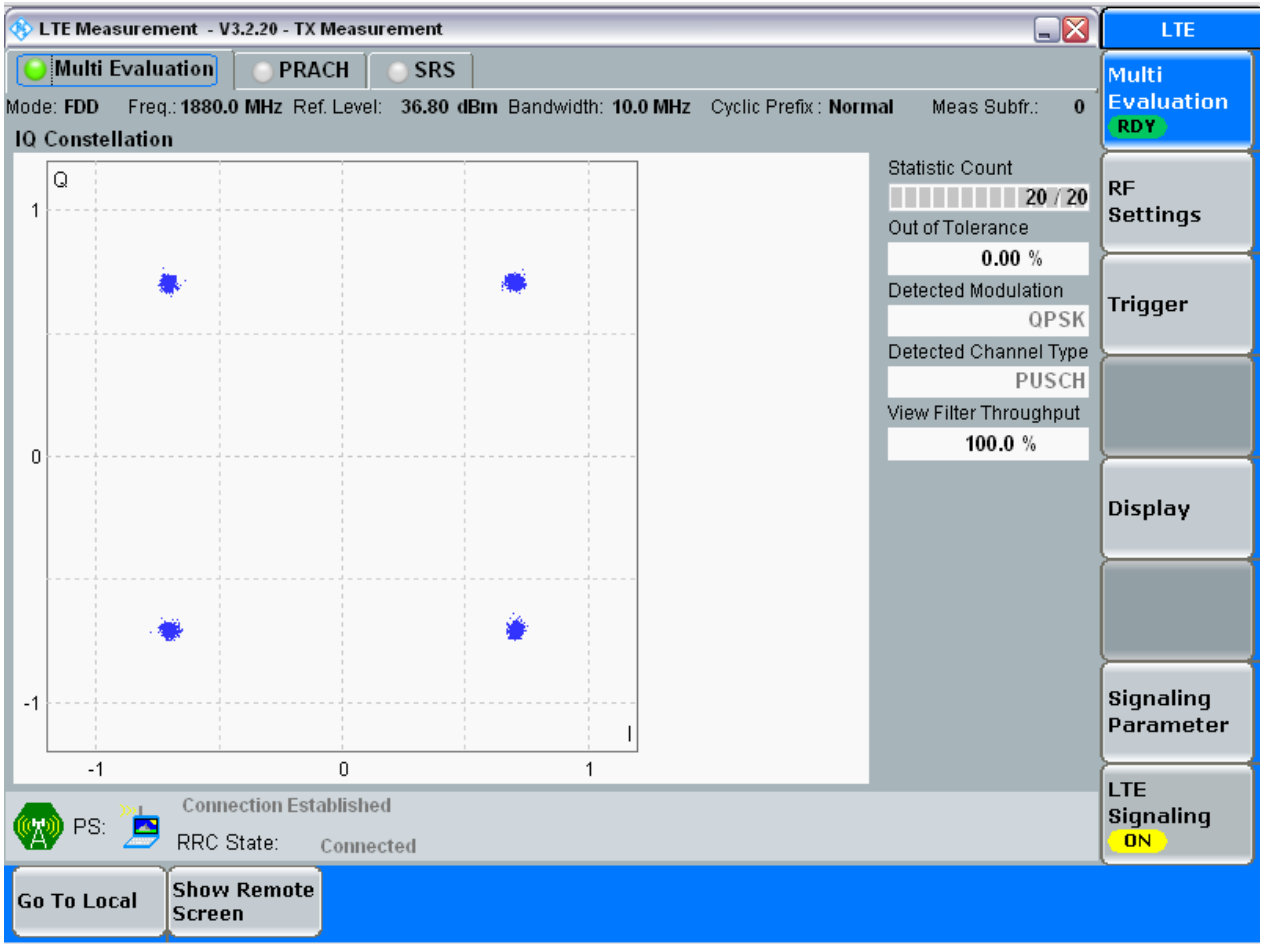
3.3.2.1.2 Test Bandwidth = 10

3.3.2.1.2.1 Test Channel = MCH

3.3.2.1.2.1.1 Test RB = RB50#0



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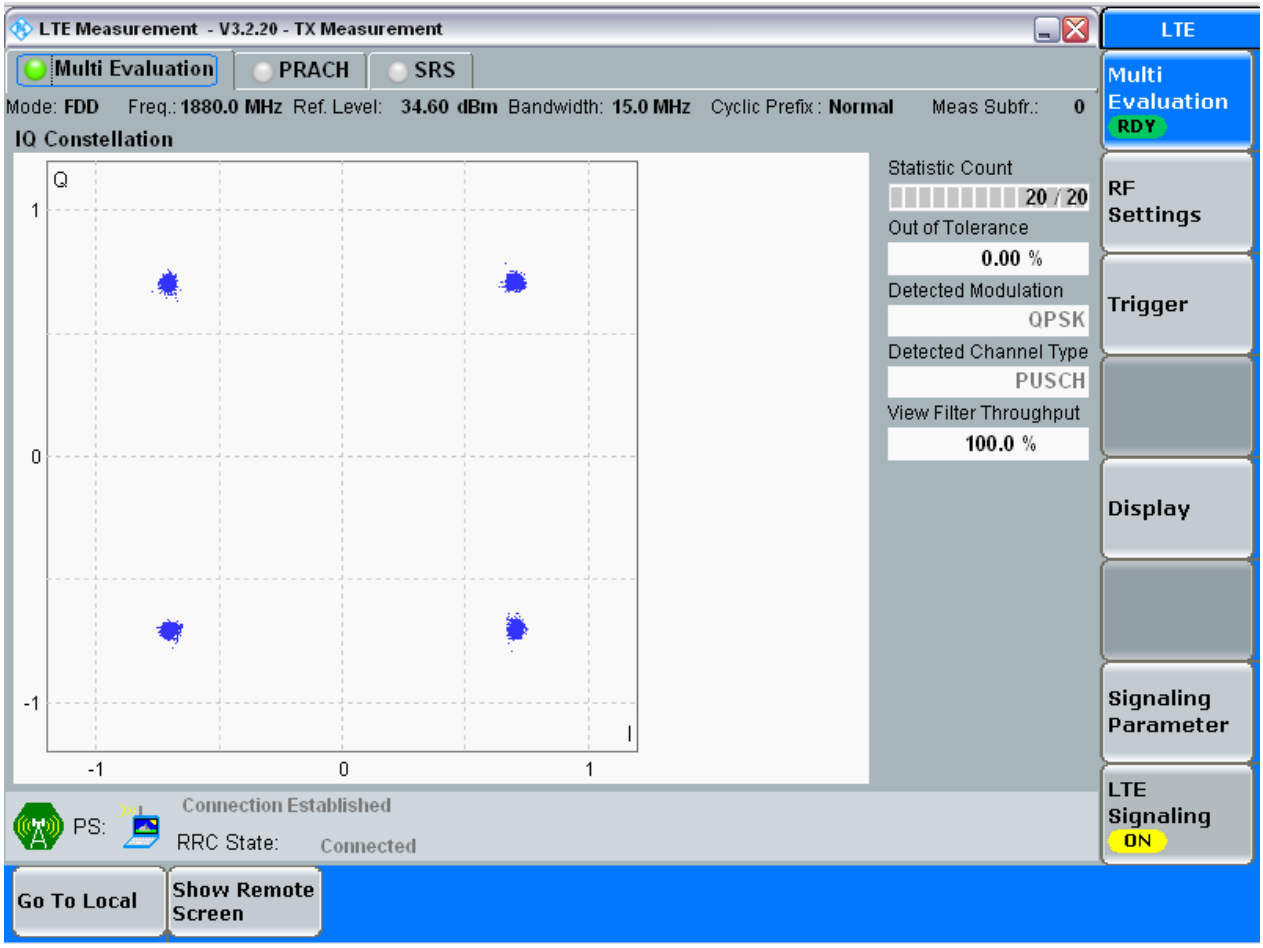
3.3.2.1.3 Test Bandwidth = 15

3.3.2.1.3.1 Test Channel = MCH

3.3.2.1.3.1.1 Test RB = RB75#0



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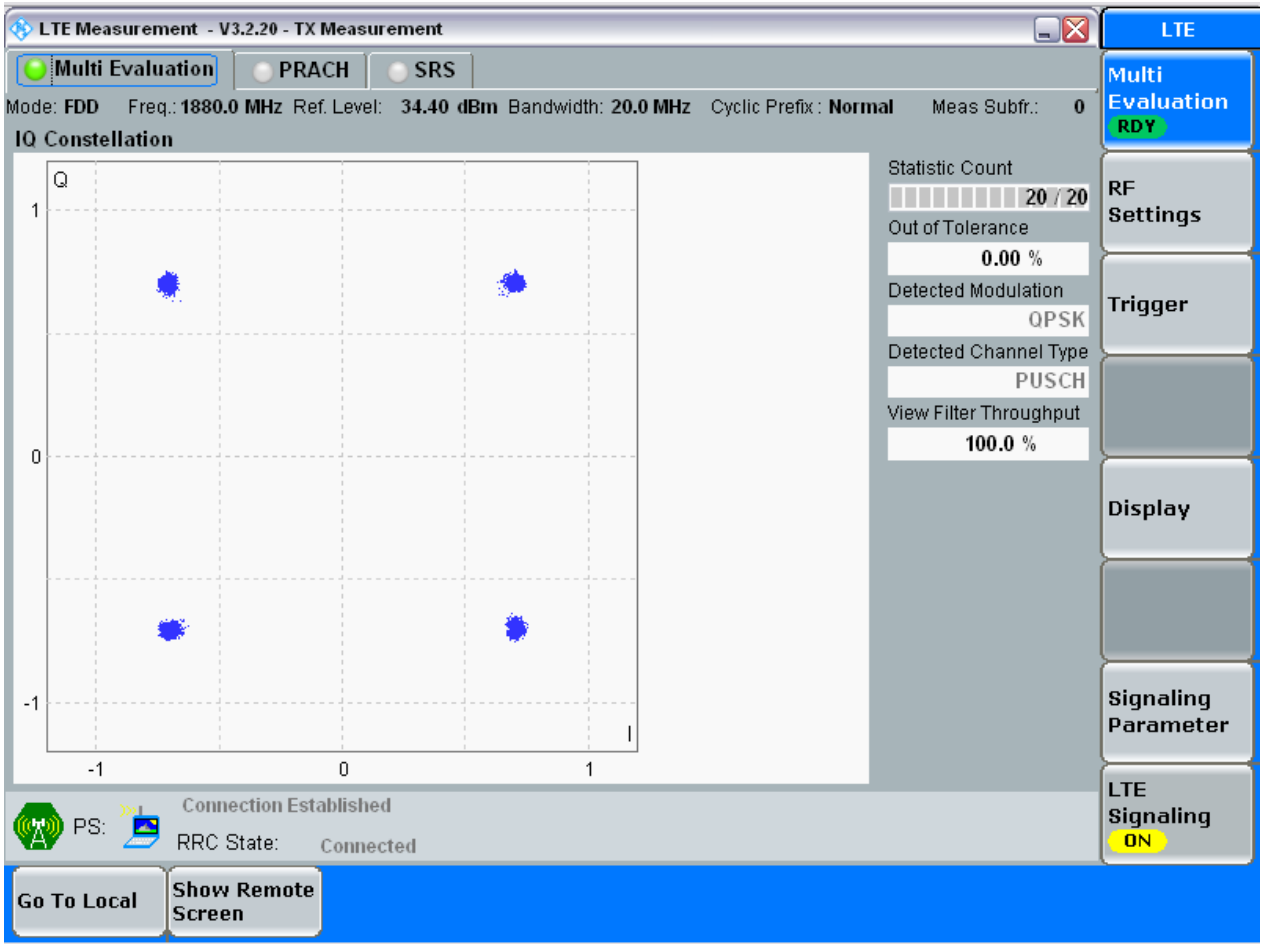
3.3.2.1.4 Test Bandwidth = 20

3.3.2.1.4.1 Test Channel = MCH

3.3.2.1.4.1.1 Test RB = RB100#0



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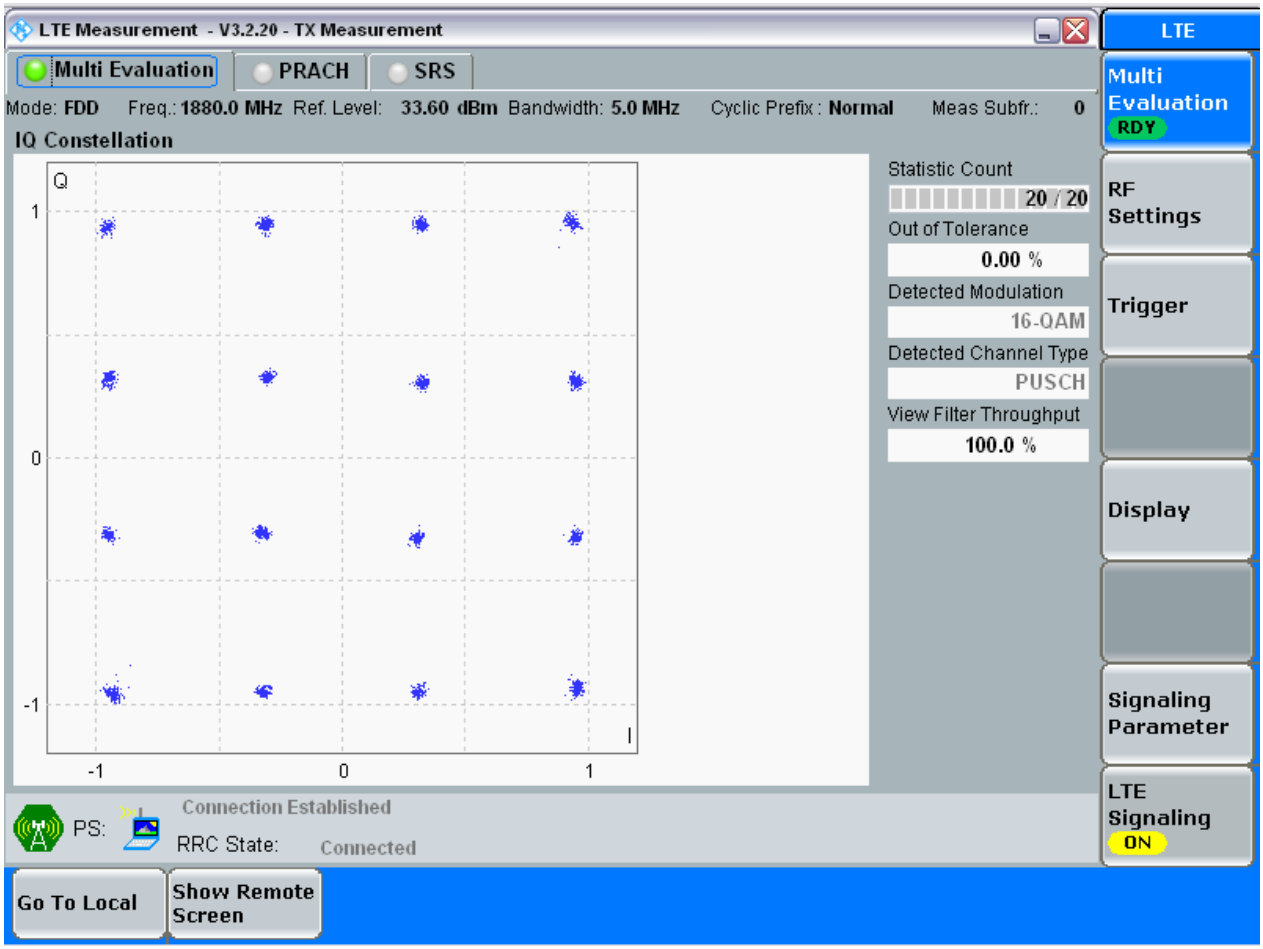
3.3.2.2 Test Mode = LTE/TM2

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



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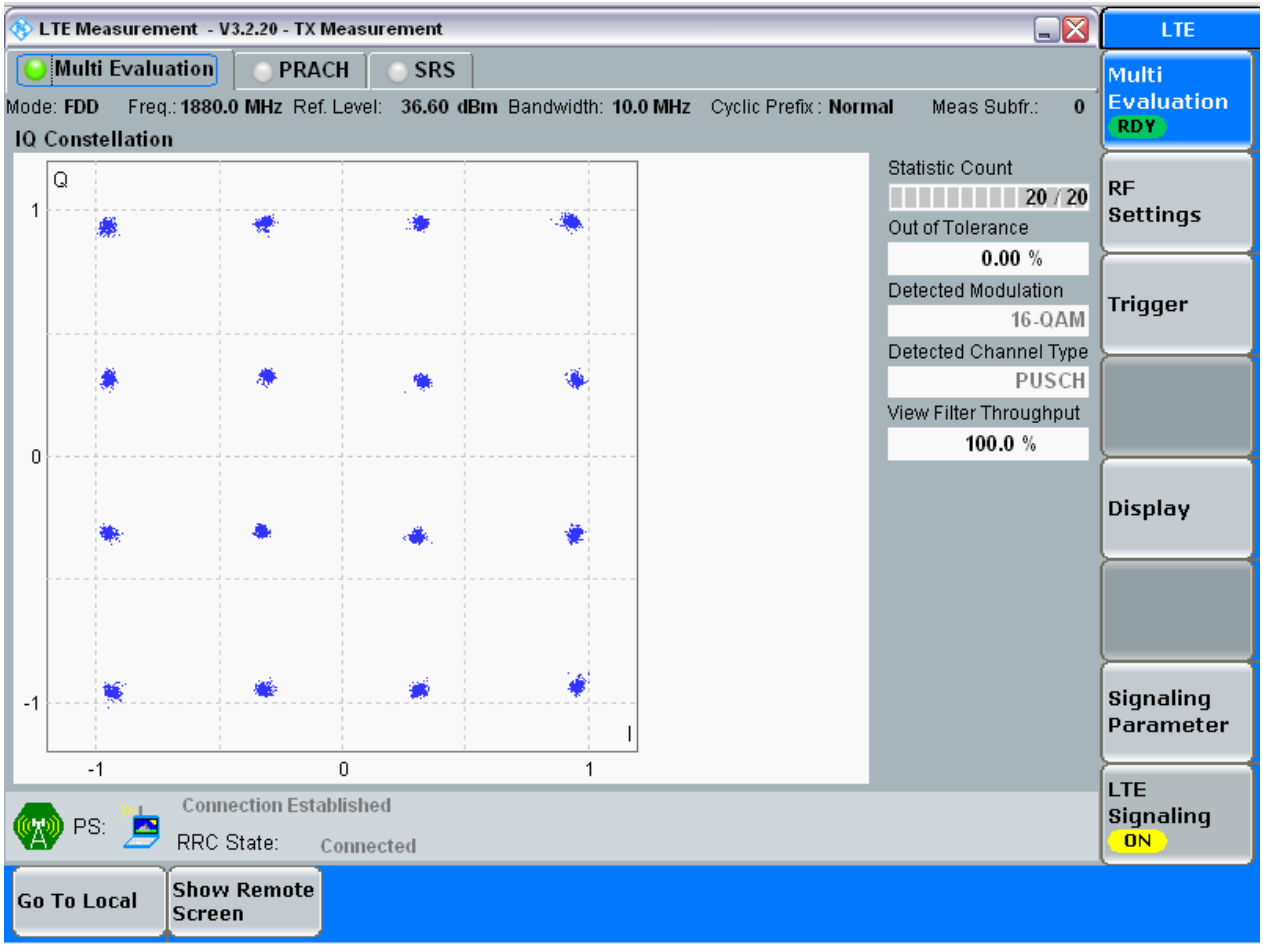
3.3.2.2.2 Test Bandwidth = 10

3.3.2.2.2.1 Test Channel = MCH

3.3.2.2.2.1.1 Test RB = RB50#0



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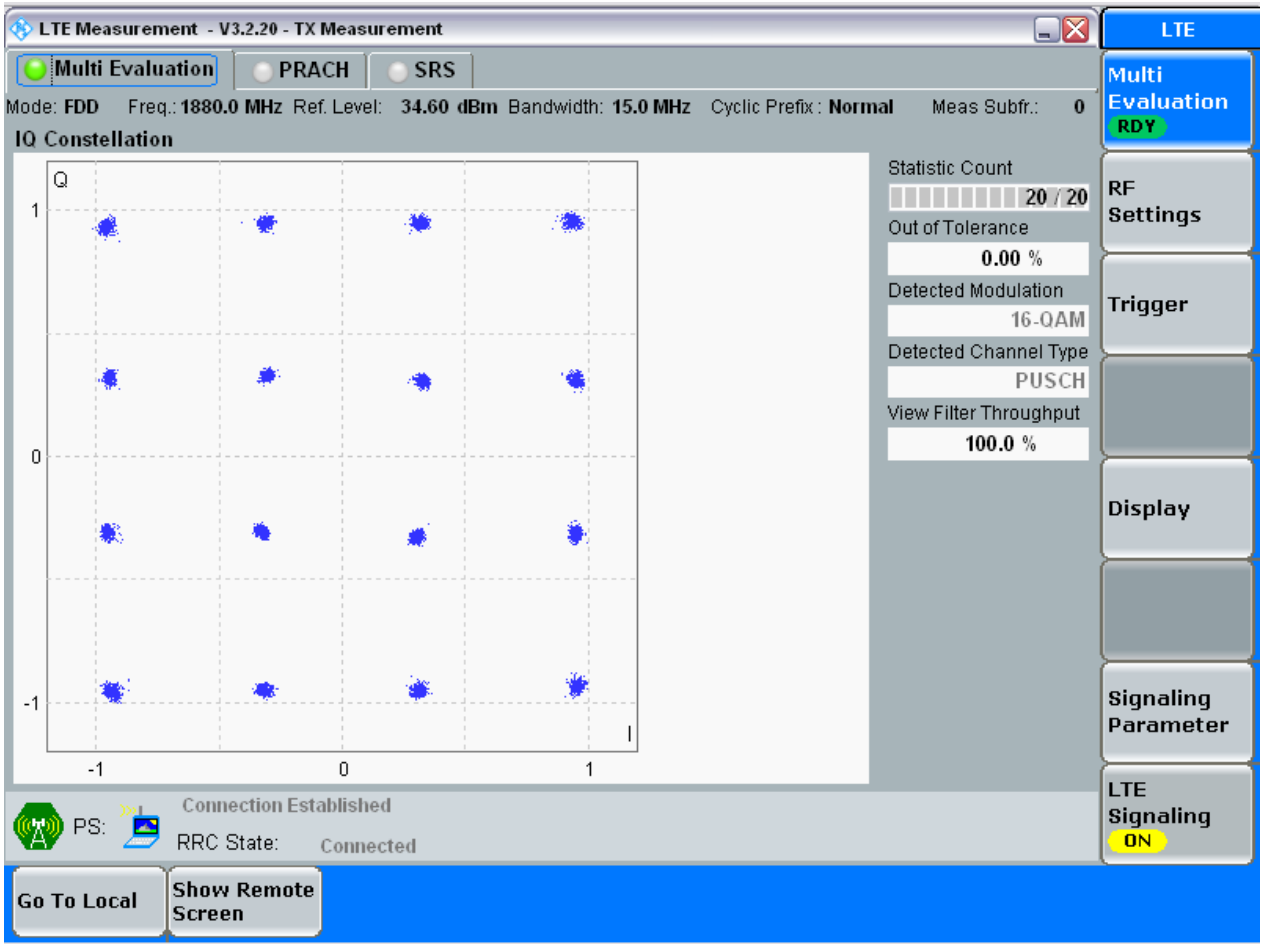
3.3.2.2.3 Test Bandwidth = 15

3.3.2.2.3.1 Test Channel = MCH

3.3.2.2.3.1.1 Test RB = RB75#0



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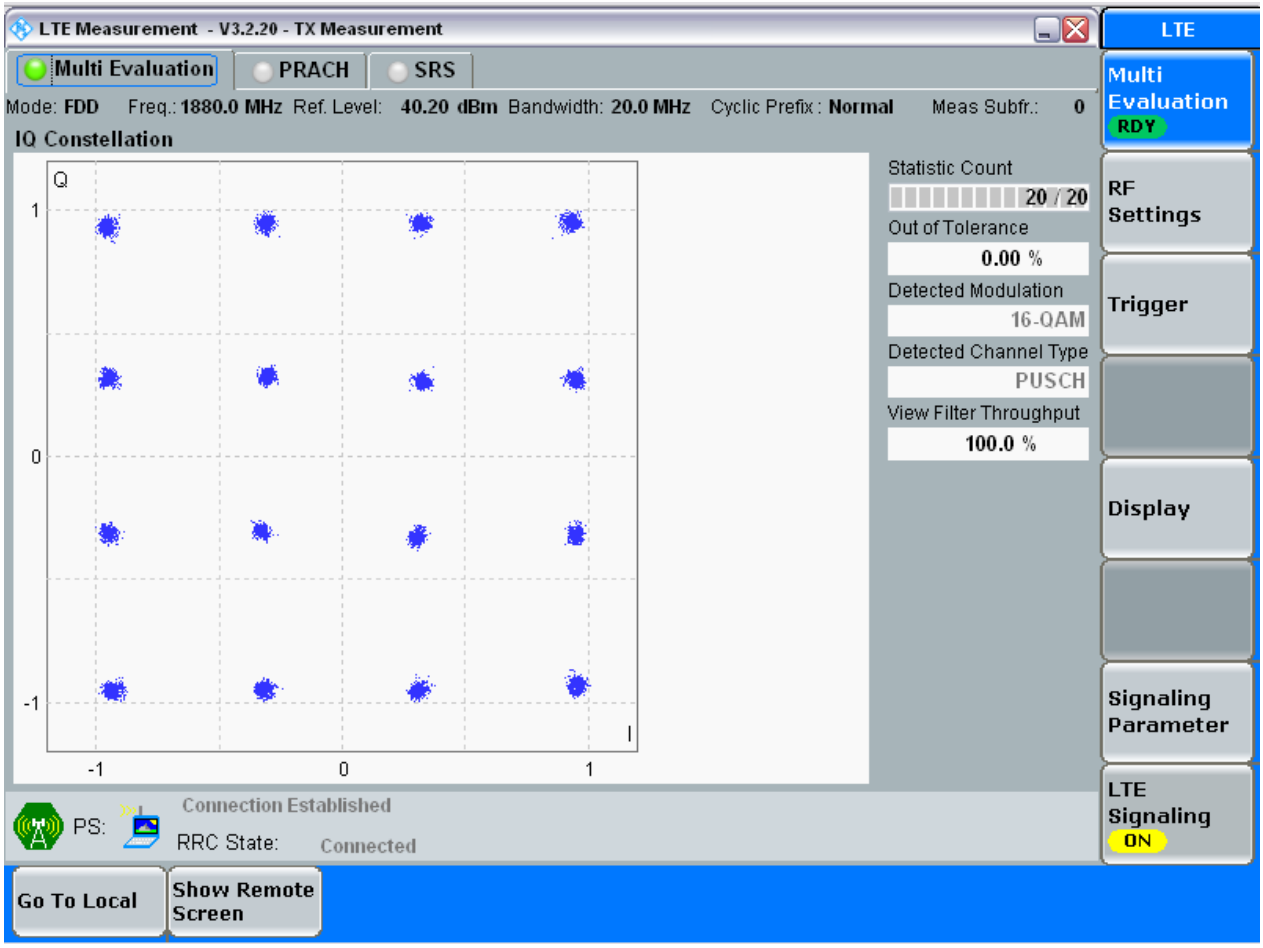
3.3.2.2.4 Test Bandwidth = 20

3.3.2.2.4.1 Test Channel = MCH

3.3.2.2.4.1.1 Test RB = RB100#0



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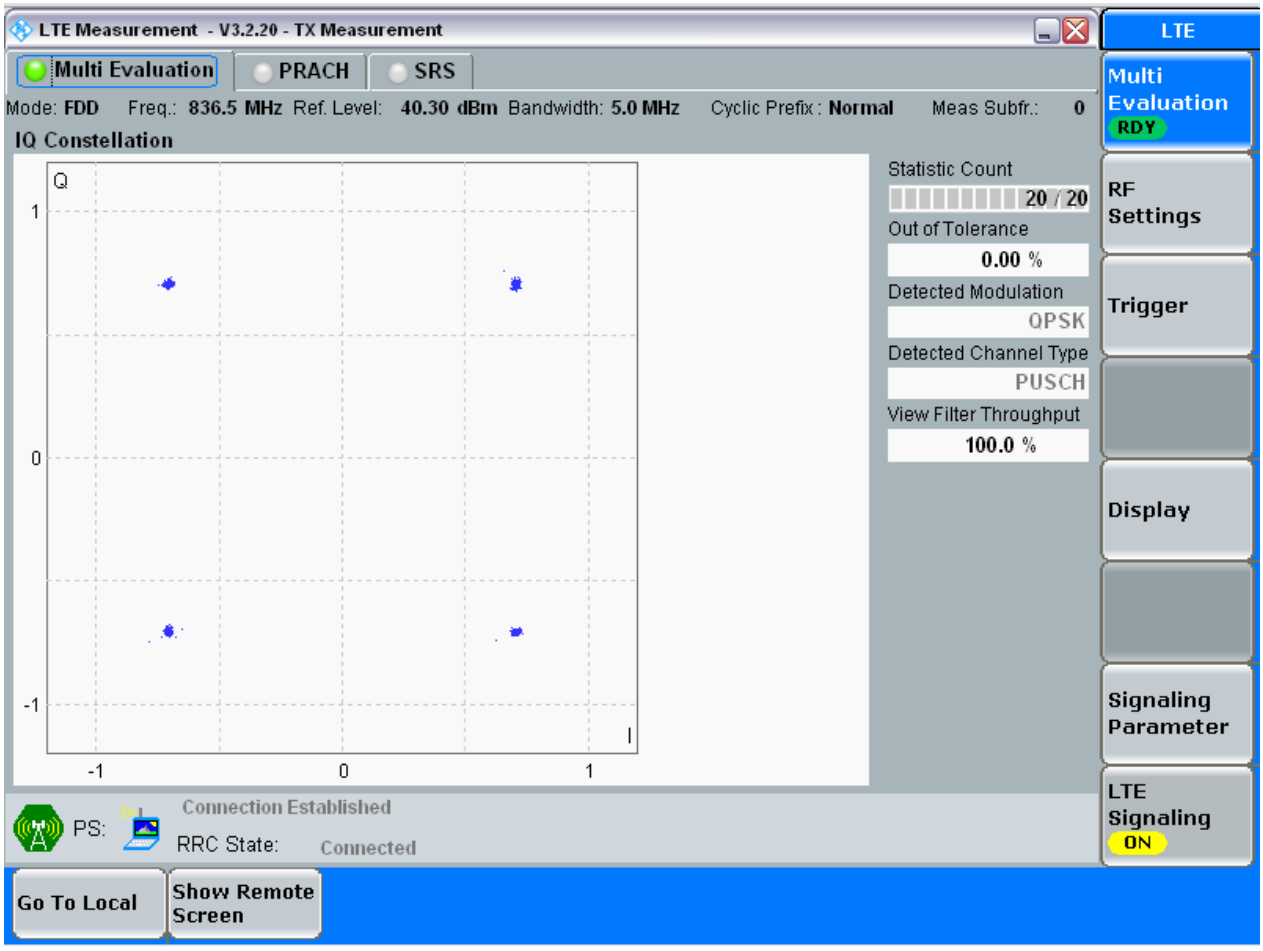
3.3.3 Test Band = BAND5

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



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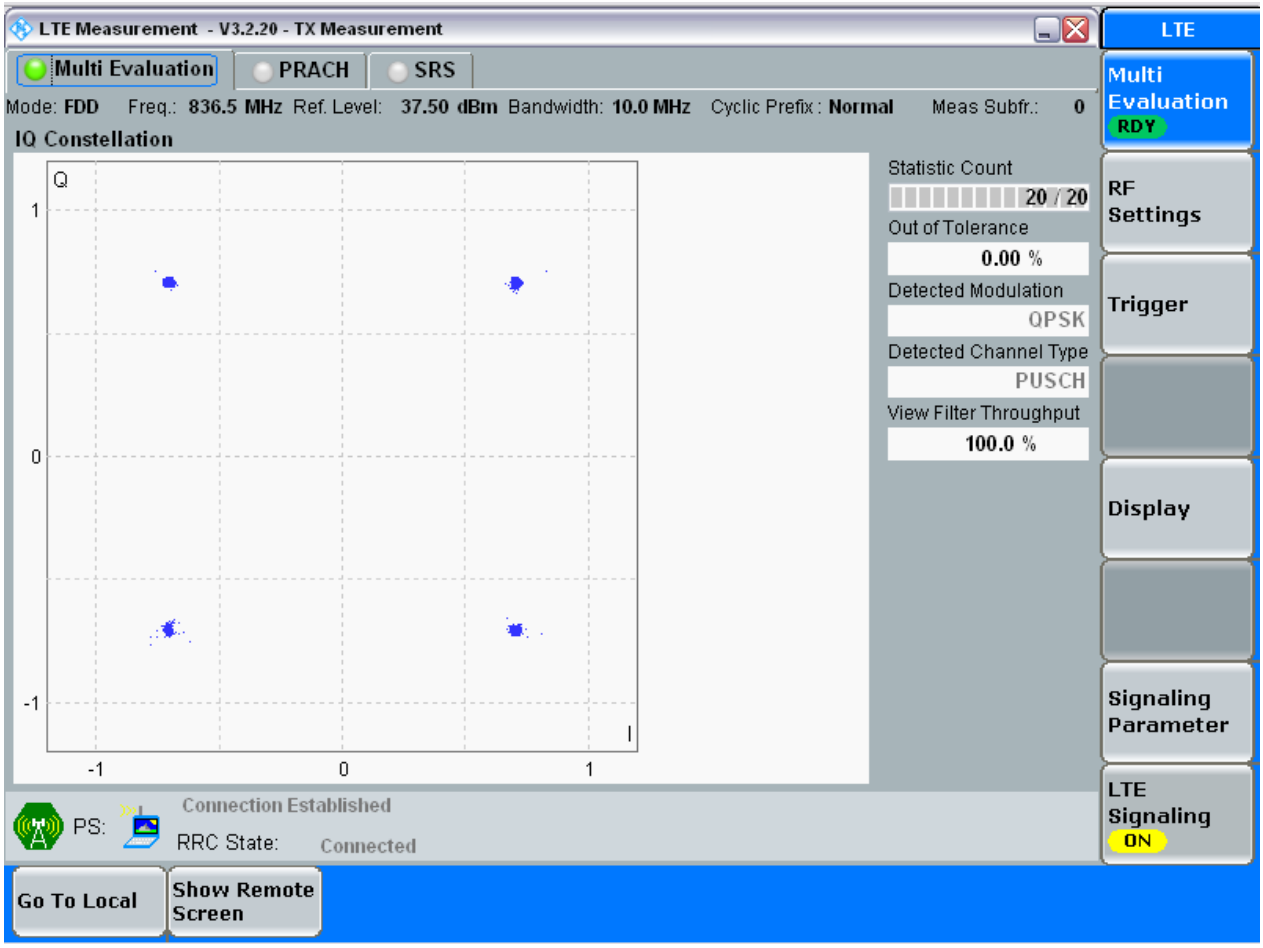
3.3.3.1.2 Test Bandwidth = 10

3.3.3.1.2.1 Test Channel = MCH

3.3.3.1.2.1.1 Test RB = RB50#0



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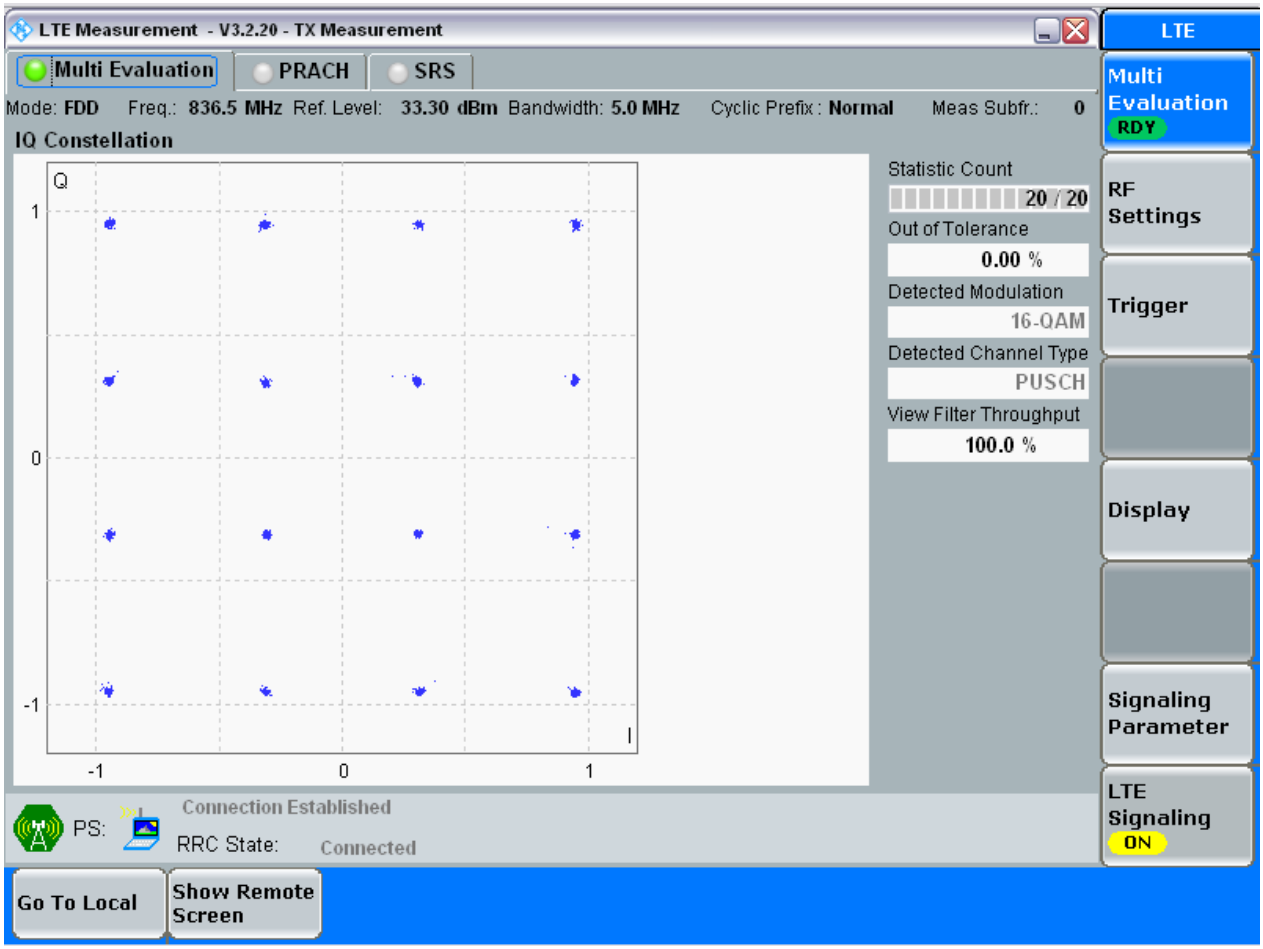
3.3.3.2 Test Mode = LTE/TM2

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



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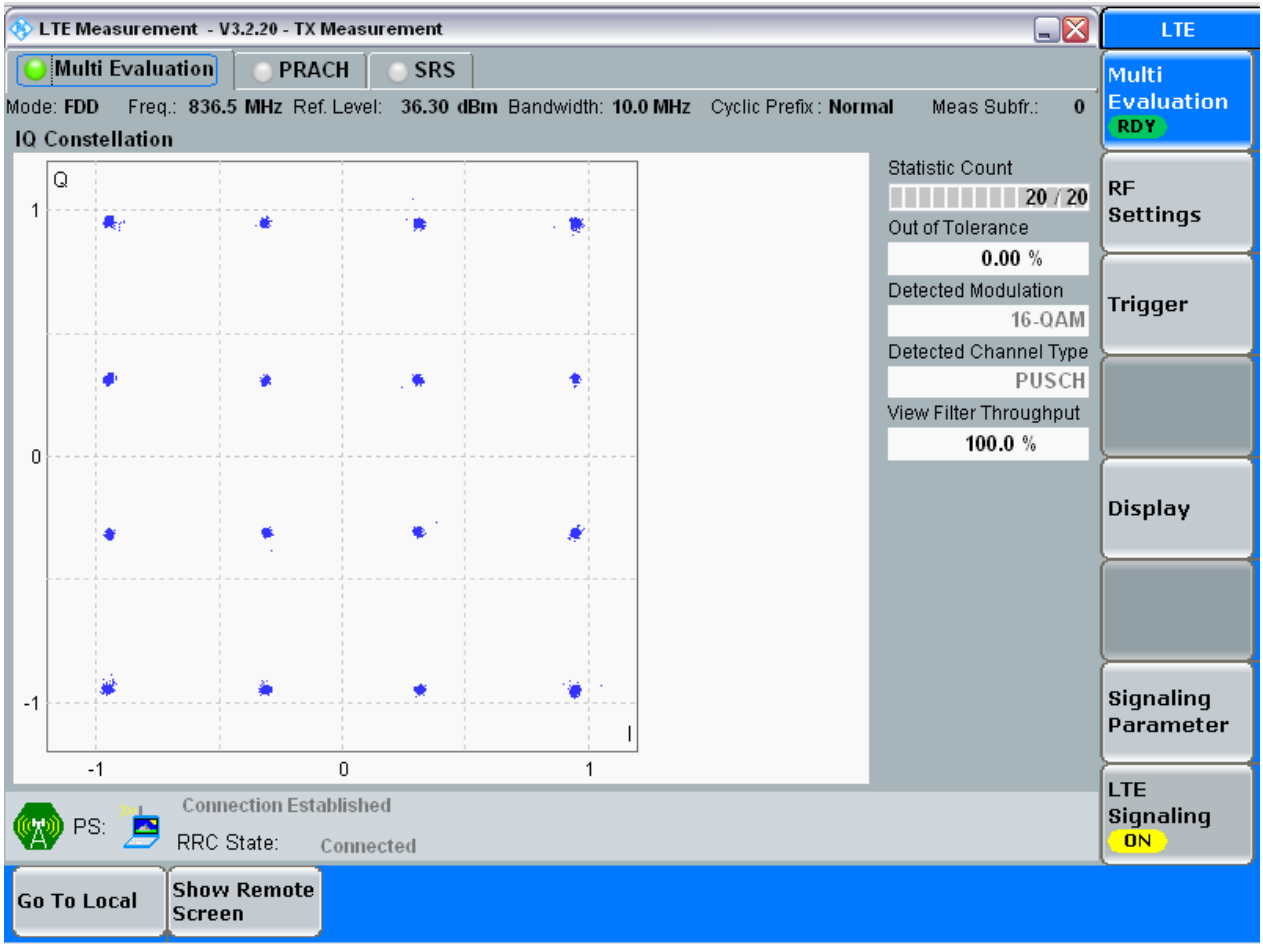
3.3.3.2.2 Test Bandwidth = 10

3.3.3.2.2.1 Test Channel = MCH

3.3.3.2.2.1.1 Test RB = RB50#0



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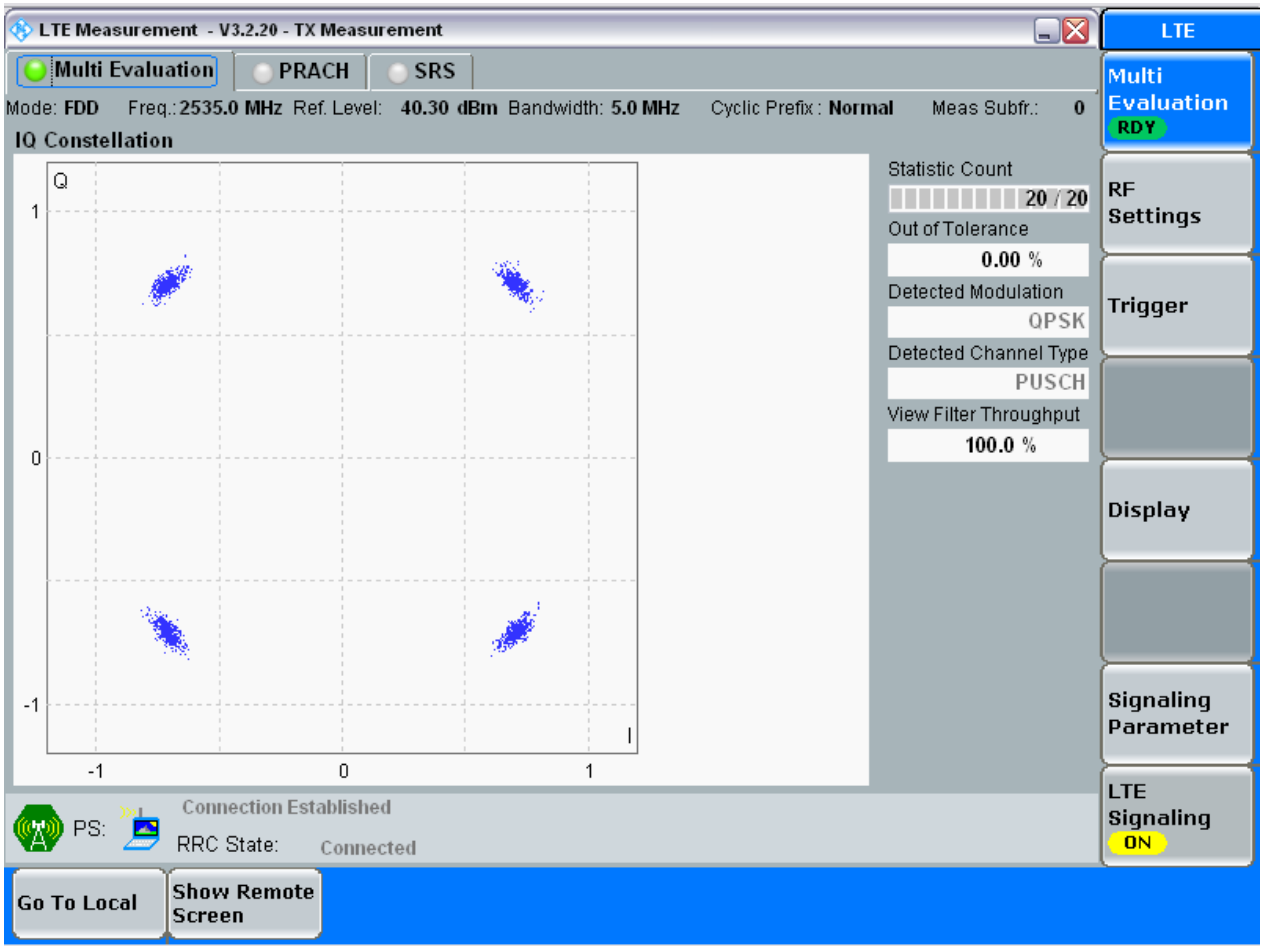
3.3.4 Test Band = BAND7

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



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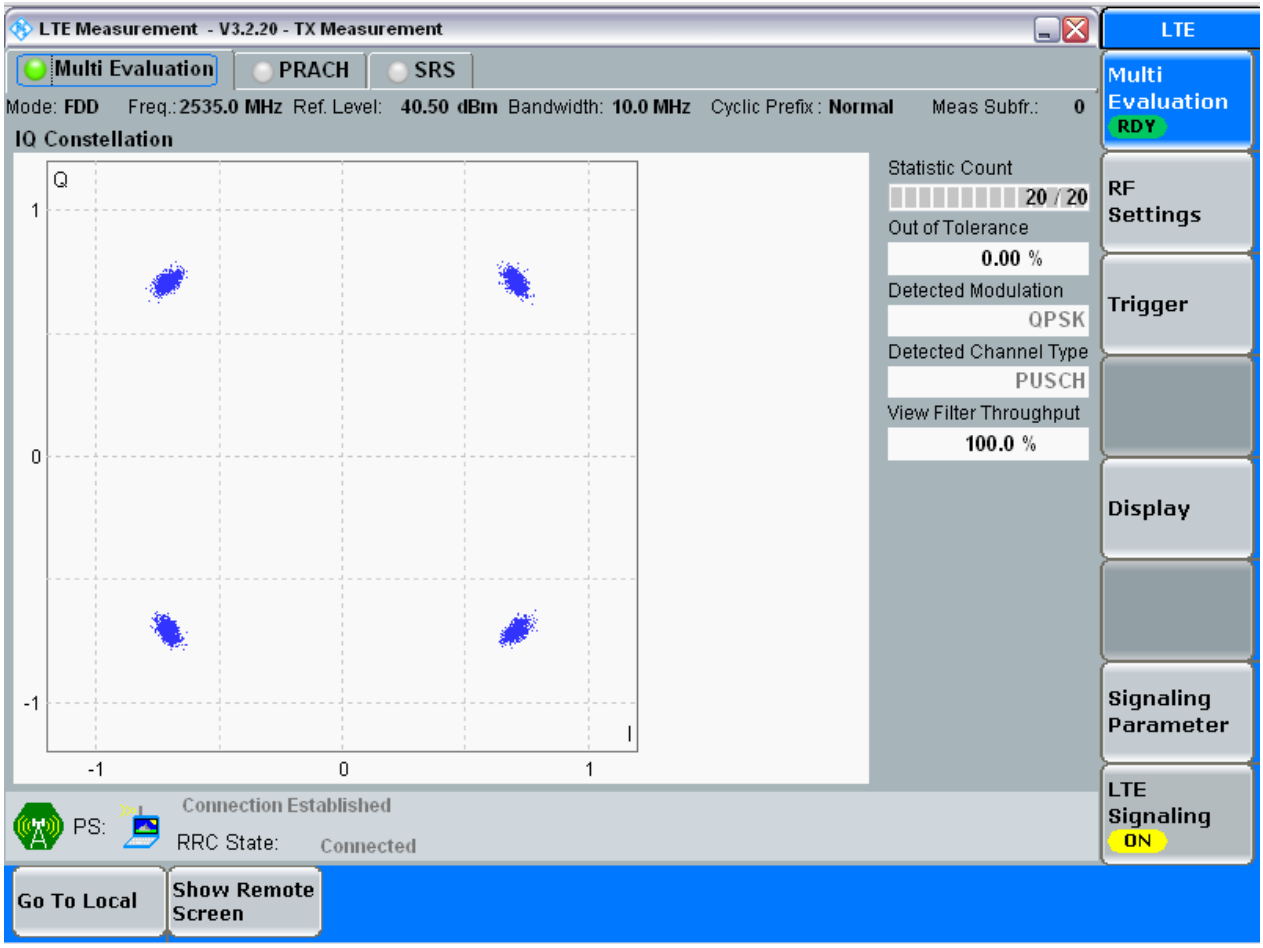
3.3.4.1.2 Test Bandwidth = 10

3.3.4.1.2.1 Test Channel = MCH

3.3.4.1.2.1.1 Test RB = RB50#0



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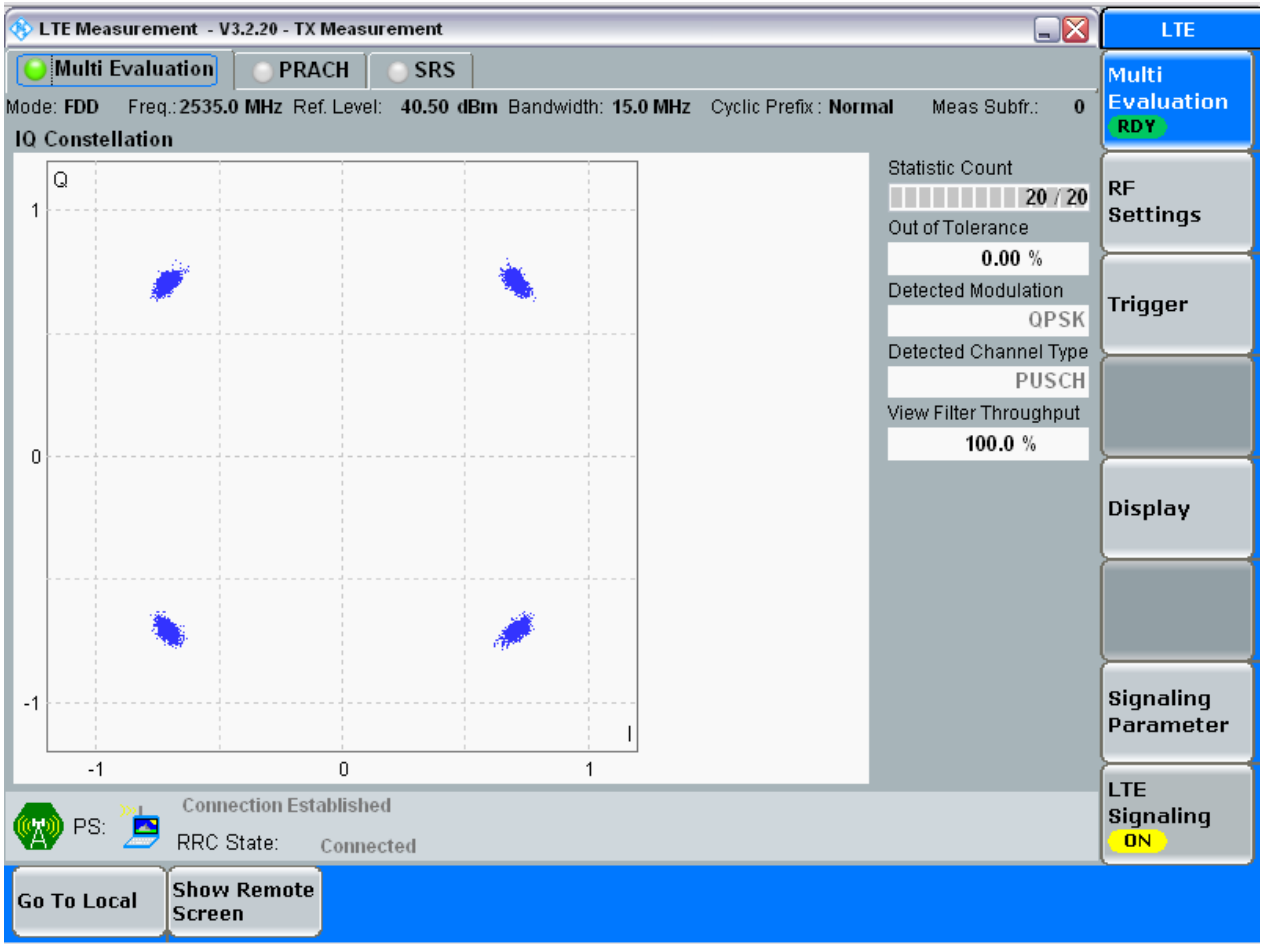
3.3.4.1.3 Test Bandwidth = 15

3.3.4.1.3.1 Test Channel = MCH

3.3.4.1.3.1.1 Test RB = RB75#0



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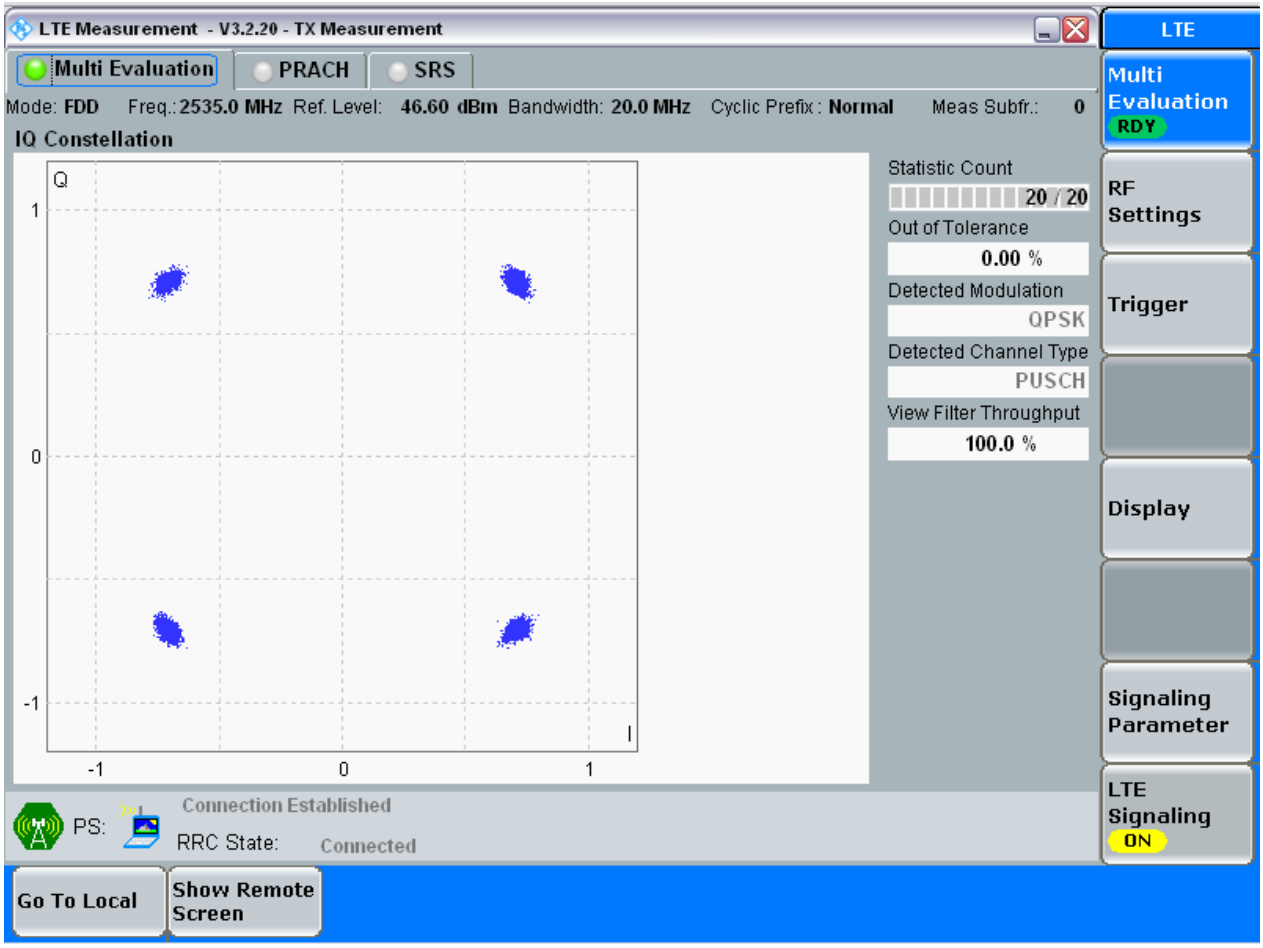
3.3.4.1.4 Test Bandwidth = 20

3.3.4.1.4.1 Test Channel = MCH

3.3.4.1.4.1.1 Test RB = RB100#0



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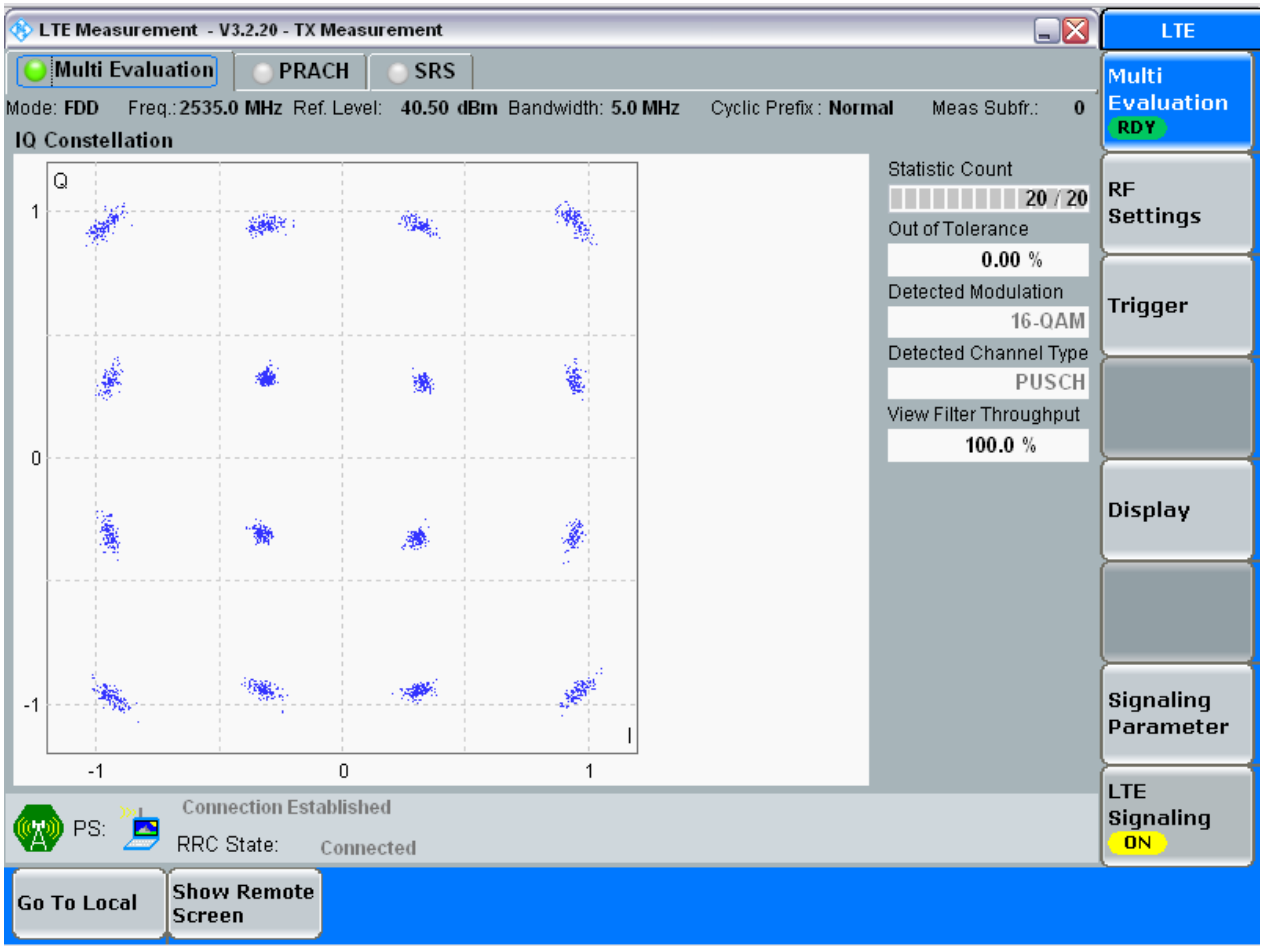
3.3.4.2 Test Mode = LTE/TM2

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



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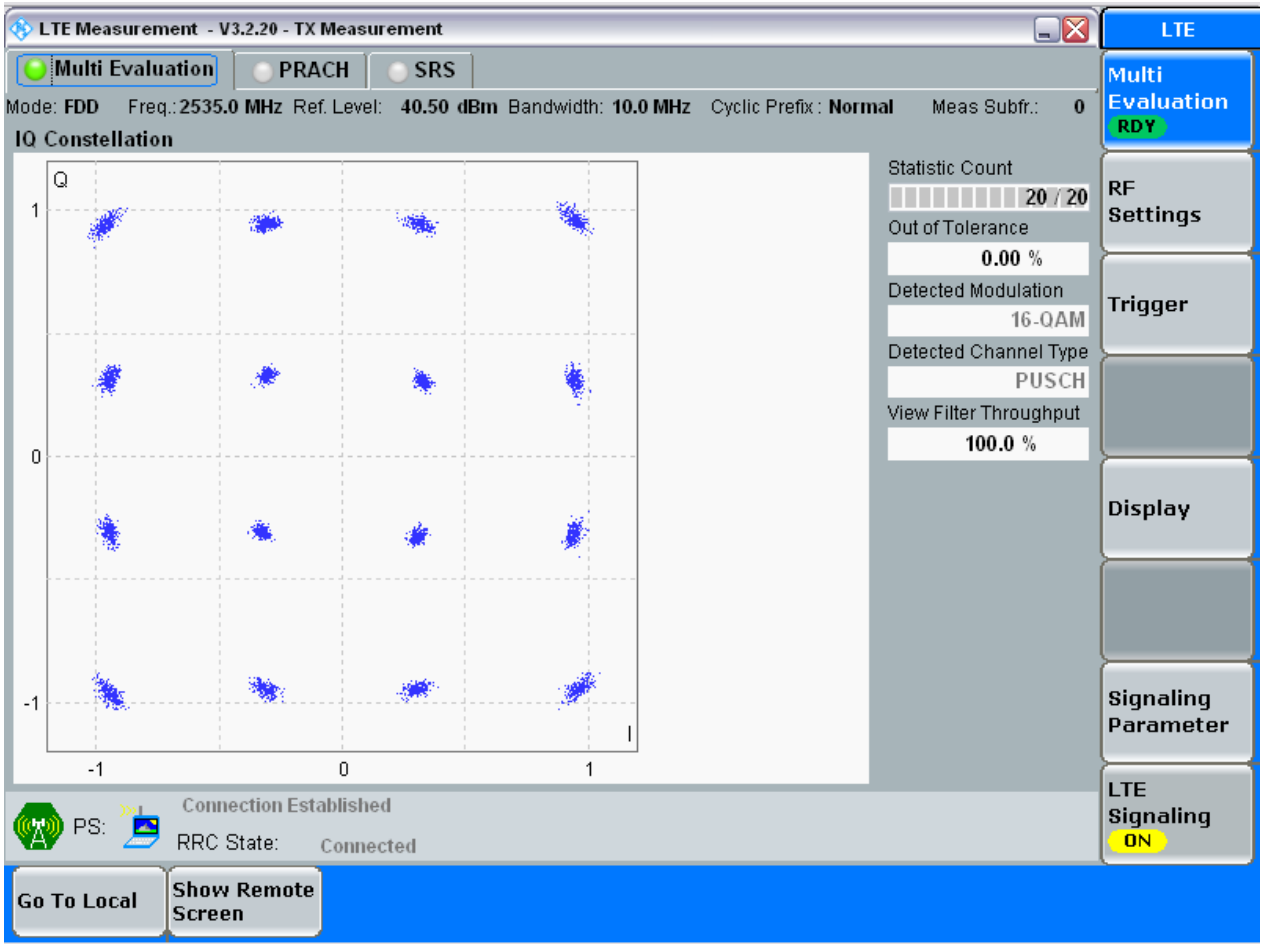
3.3.4.2.2 Test Bandwidth = 10

3.3.4.2.2.1 Test Channel = MCH

3.3.4.2.2.1.1 Test RB = RB50#0



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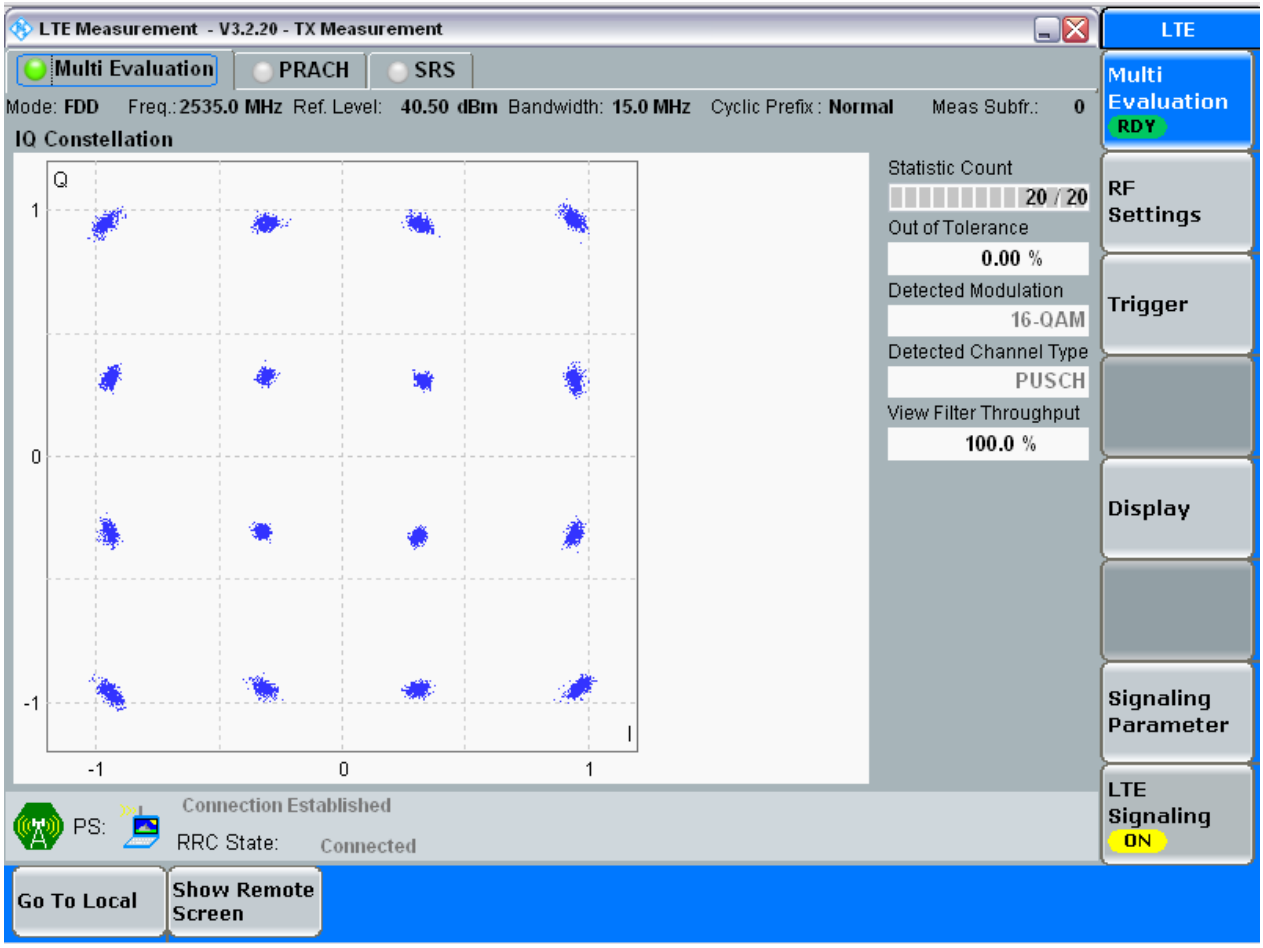
3.3.4.2.3 Test Bandwidth = 15

3.3.4.2.3.1 Test Channel = MCH

3.3.4.2.3.1.1 Test RB = RB75#0



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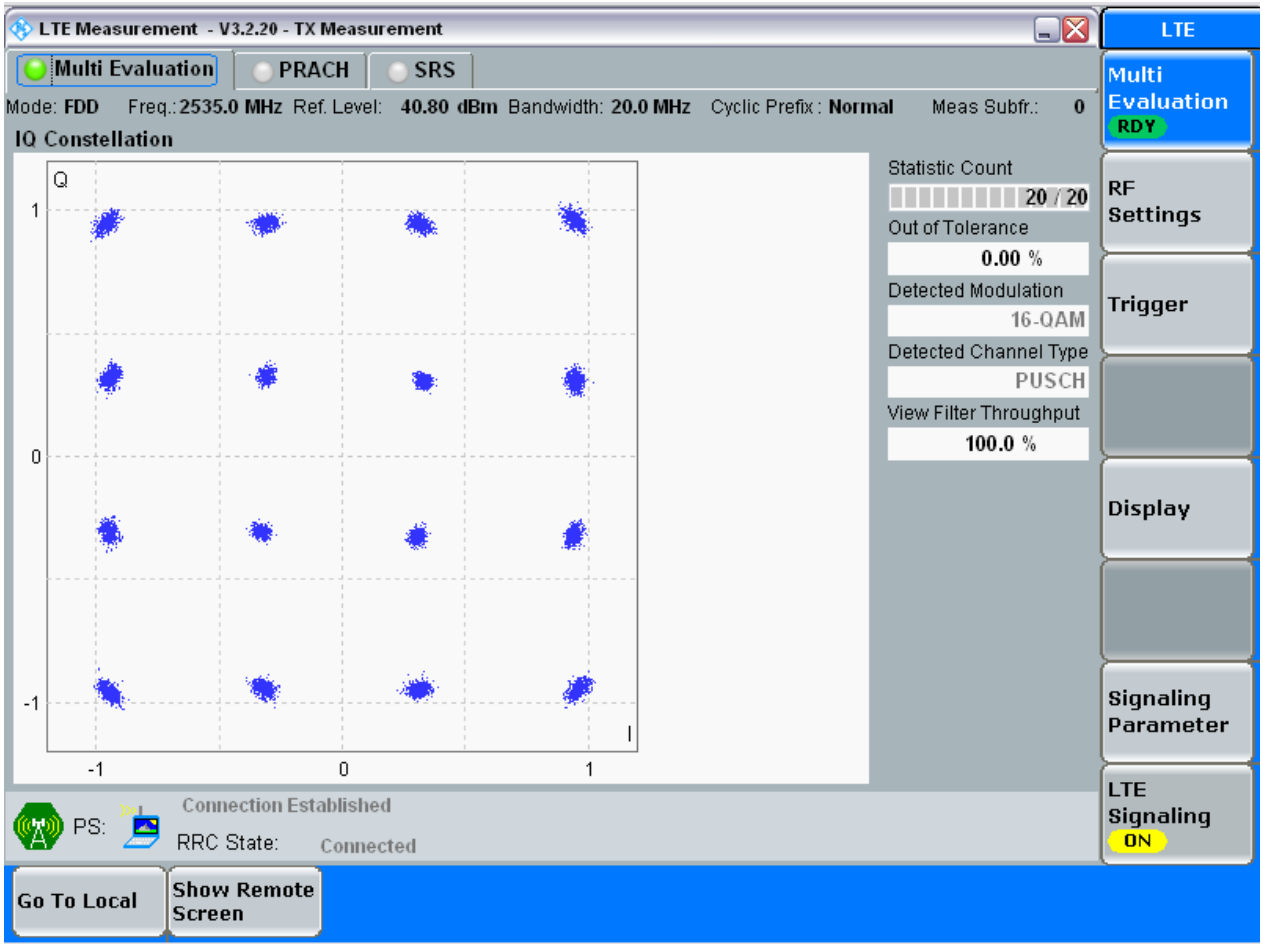
3.3.4.2.4 Test Bandwidth = 20

3.3.4.2.4.1 Test Channel = MCH

3.3.4.2.4.1.1 Test RB = RB100#0



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4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	244.10	318.65	Pass
		MCH	243.30	315.22	Pass
		HCH	243.78	305.66	Pass
	GSM/TM2	LCH	235.39	287.88	Pass
		MCH	234.94	293.54	Pass
		HCH	238.42	299.75	Pass
GSM1900	GSM/TM1	LCH	241.16	311.12	Pass
		MCH	242.72	312.50	Pass
		HCH	243.52	313.66	Pass
	GSM/TM2	LCH	240.37	309.49	Pass
		MCH	237.99	309.08	Pass
		HCH	238.41	302.82	Pass

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.16	4.72	Pass
		MCH	4.17	4.72	Pass
		HCH	4.17	4.72	Pass
WCDMA1900	UMTS/TM1	LCH	4.18	4.76	Pass
		MCH	4.19	4.78	Pass
		HCH	4.18	4.77	Pass

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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	4.83	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	9.00	9.66	Pass
			MCH	RB50#0	9.00	9.68	Pass
			HCH	RB50#0	9.00	9.68	Pass
		15	LCH	RB75#0	13.48	14.48	Pass
			MCH	RB75#0	13.49	14.43	Pass
			HCH	RB75#0	13.51	14.51	Pass
		20	LCH	RB100#0	17.97	19.04	Pass
			MCH	RB100#0	17.97	19.08	Pass
			HCH	RB100#0	18.01	19.07	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.84	Pass
			MCH	RB25#0	4.49	4.85	Pass
			HCH	RB25#0	4.50	4.85	Pass
		10	LCH	RB50#0	8.98	9.63	Pass
			MCH	RB50#0	9.00	9.69	Pass
			HCH	RB50#0	9.01	9.66	Pass
		15	LCH	RB75#0	13.49	14.45	Pass
			MCH	RB75#0	13.50	14.40	Pass
			HCH	RB75#0	13.51	14.53	Pass
		20	LCH	RB100#0	17.99	19.09	Pass
			MCH	RB100#0	17.97	19.08	Pass
			HCH	RB100#0	18.01	19.16	Pass
BAND5	LTE/TM1	5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	9.01	9.60	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	9.00	9.62	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.86	Pass
			MCH	RB25#0	4.49	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.01	9.69	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	9.00	9.65	Pass
BAND7	LTE/TM1	5	LCH	RB25#0	4.49	4.88	Pass

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Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB25#0	4.50	4.90	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	9.02	9.65	Pass
			MCH	RB50#0	9.01	9.74	Pass
			HCH	RB50#0	9.01	9.70	Pass
		15	LCH	RB75#0	13.48	14.43	Pass
			MCH	RB75#0	13.50	14.46	Pass
			HCH	RB75#0	13.51	14.49	Pass
		20	LCH	RB100#0	17.97	19.07	Pass
			MCH	RB100#0	17.99	19.12	Pass
			HCH	RB100#0	17.99	19.07	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.90	Pass
			MCH	RB25#0	4.50	4.88	Pass
			HCH	RB25#0	4.50	4.85	Pass
		10	LCH	RB50#0	9.00	9.67	Pass
			MCH	RB50#0	9.01	9.71	Pass
			HCH	RB50#0	9.01	9.64	Pass
		15	LCH	RB75#0	13.49	14.41	Pass
			MCH	RB75#0	13.50	14.44	Pass
			HCH	RB75#0	13.50	14.43	Pass
		20	LCH	RB100#0	17.98	19.09	Pass
			MCH	RB100#0	17.99	19.12	Pass
			HCH	RB100#0	18.00	19.12	Pass

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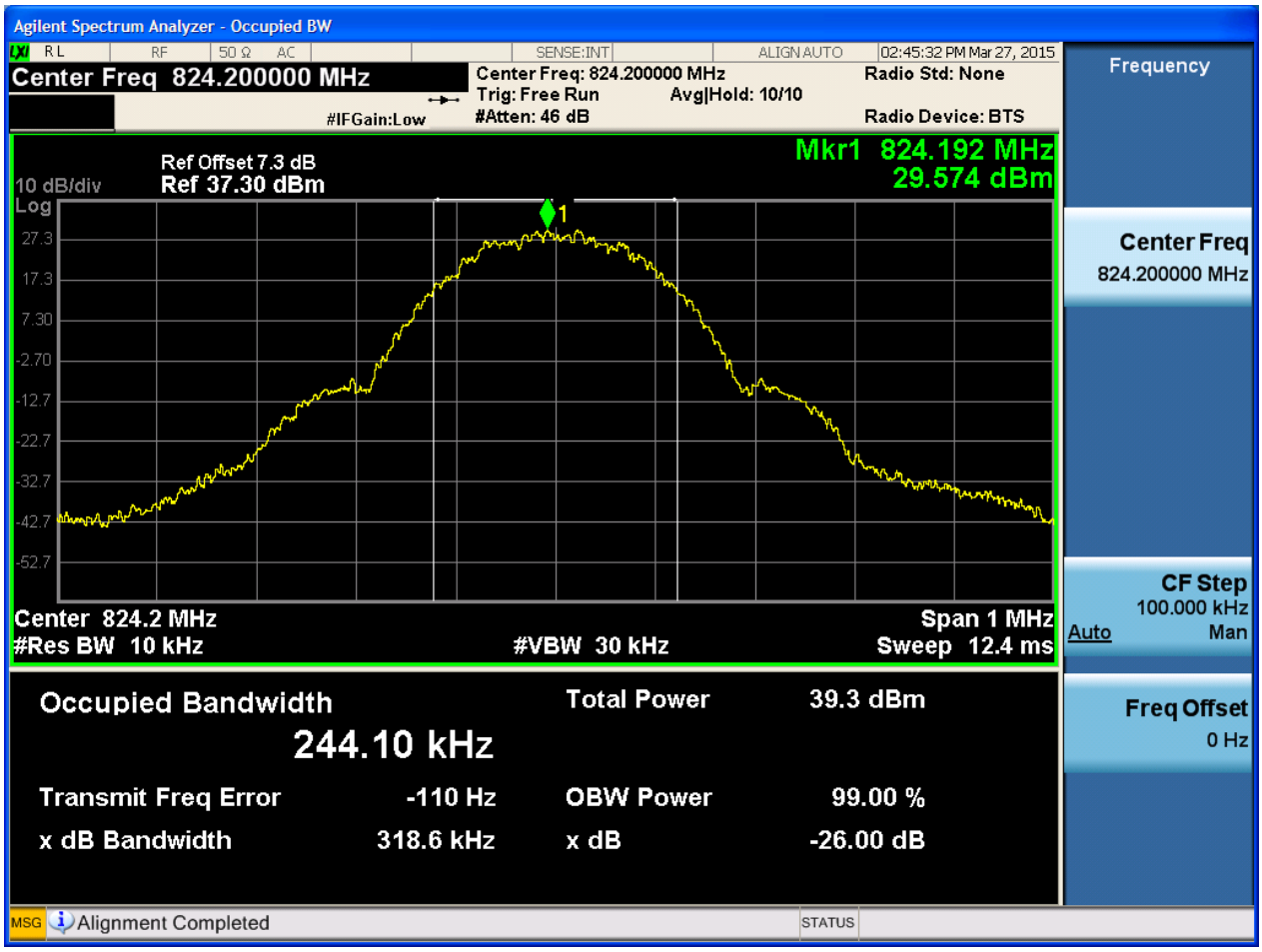
Part II - Test Plots

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



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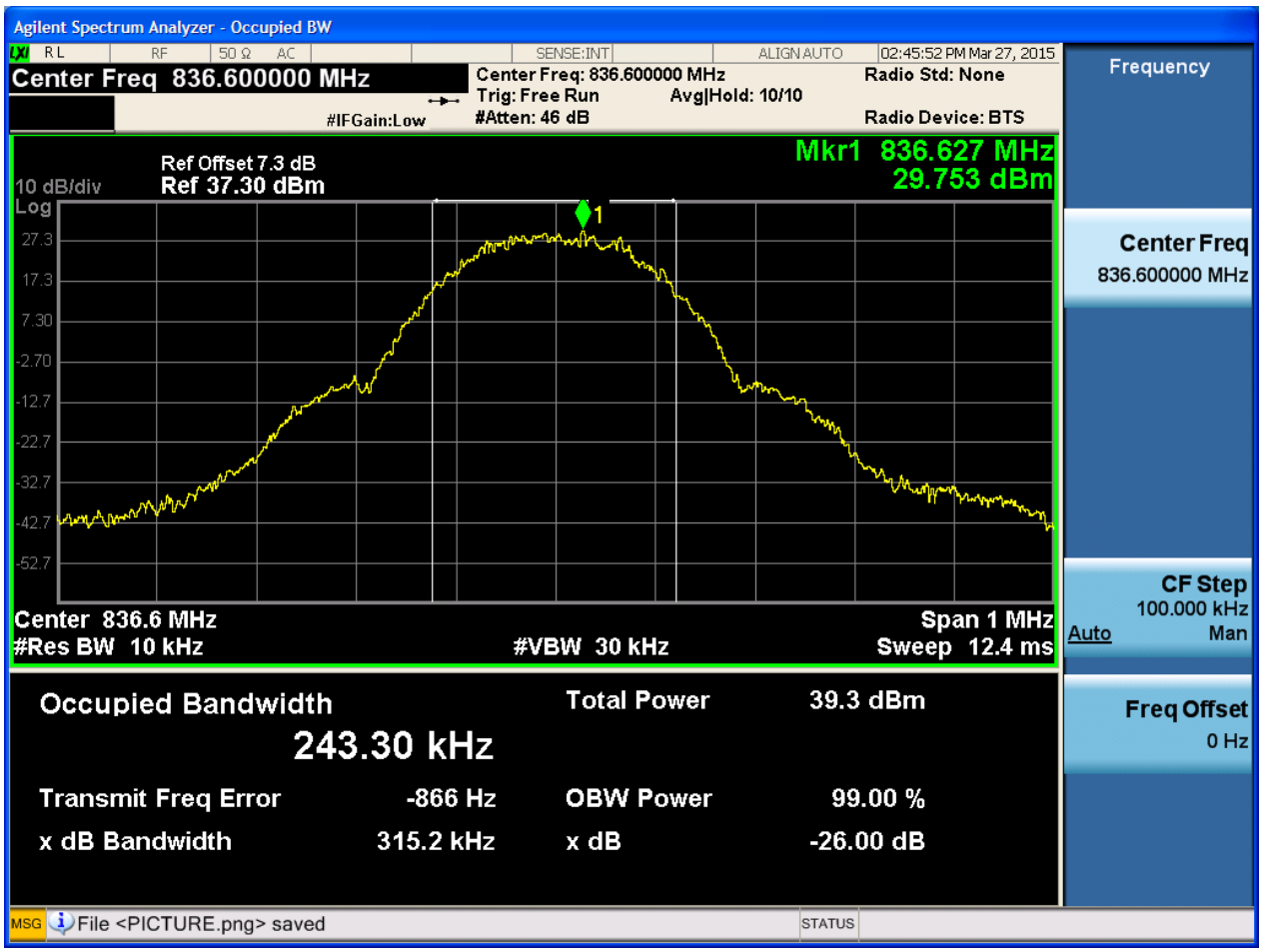
4.1.1.1.2 Test Channel = MCH



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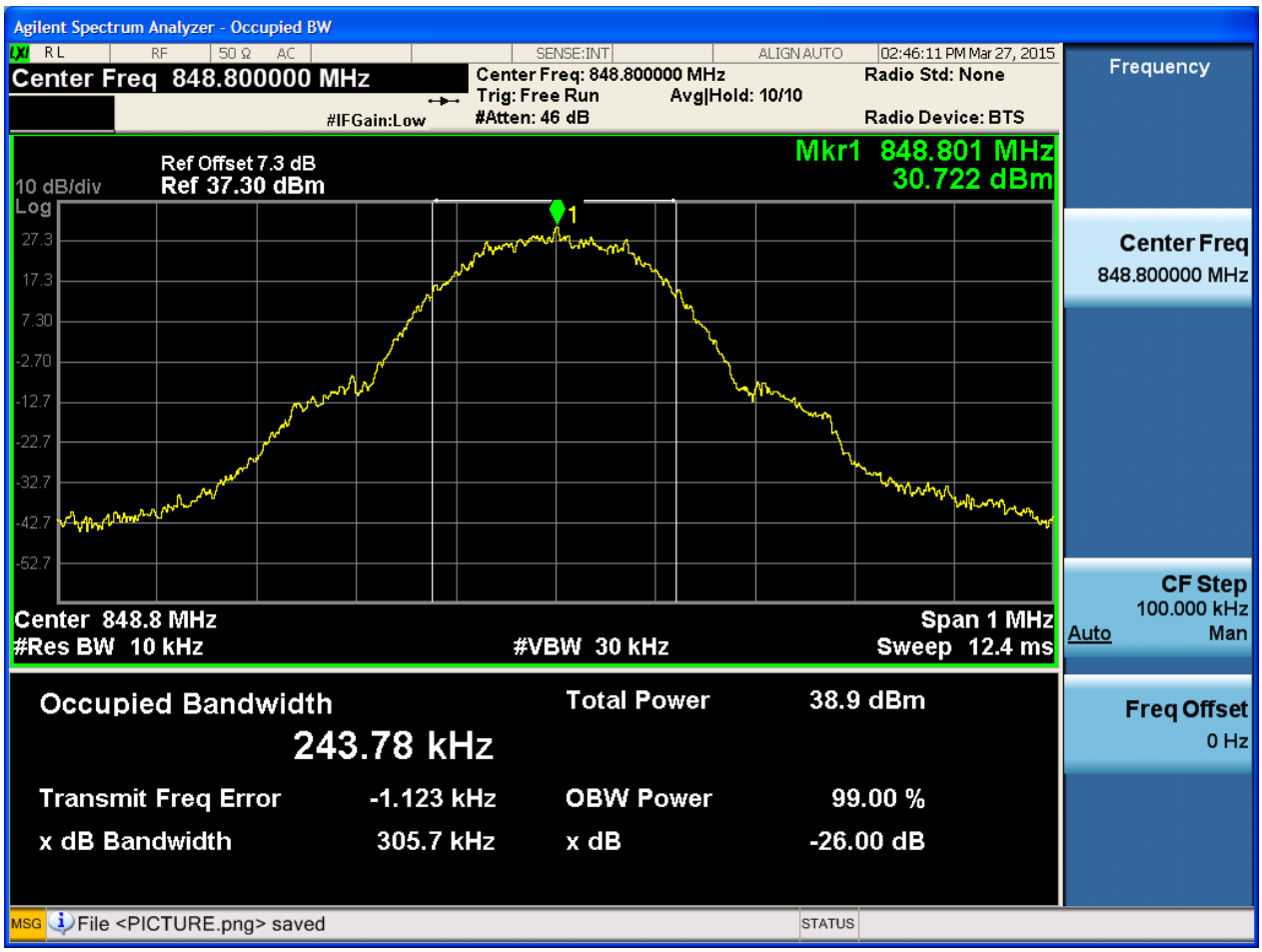
4.1.1.1.3 Test Channel = HCH



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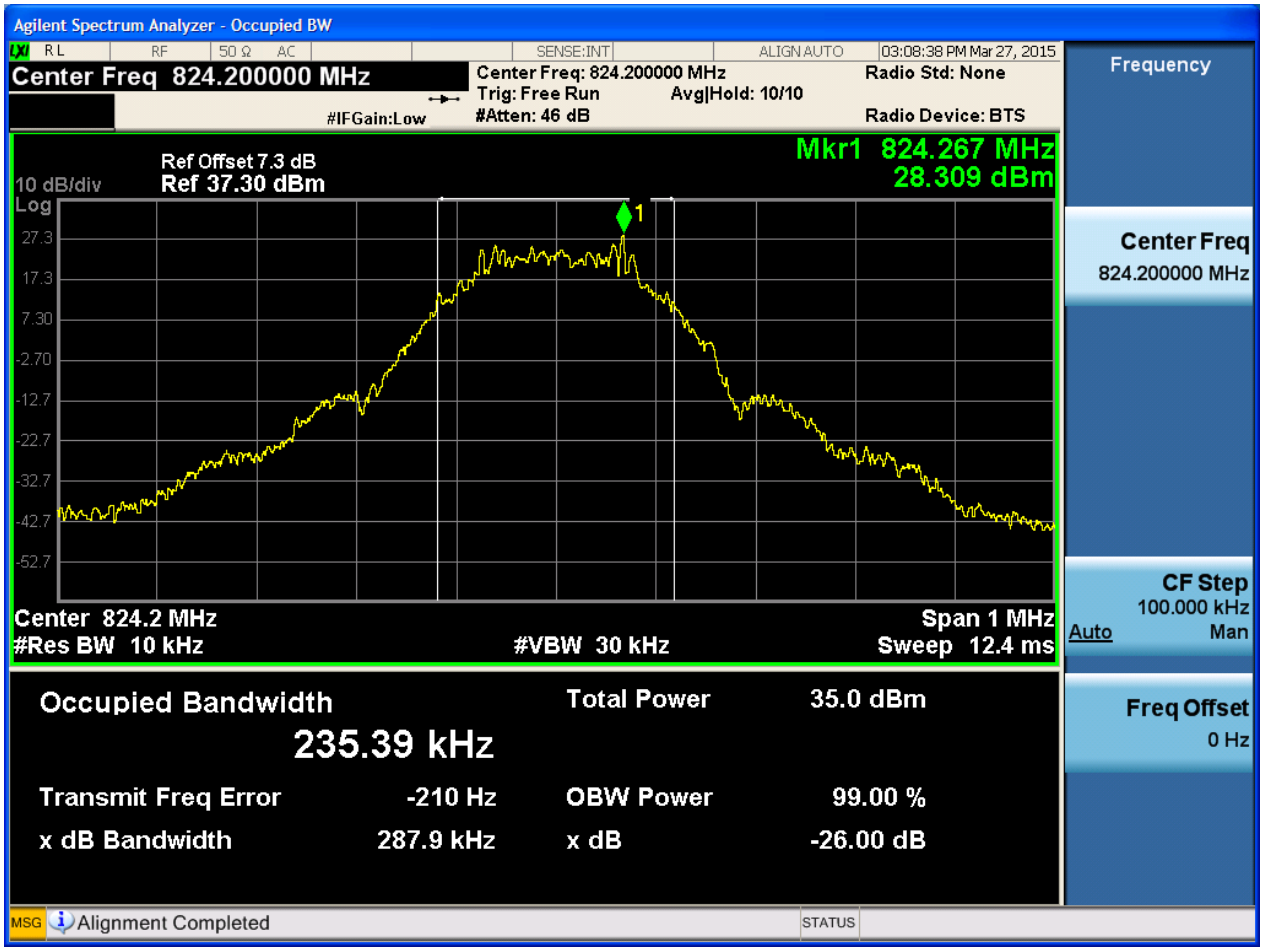
4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



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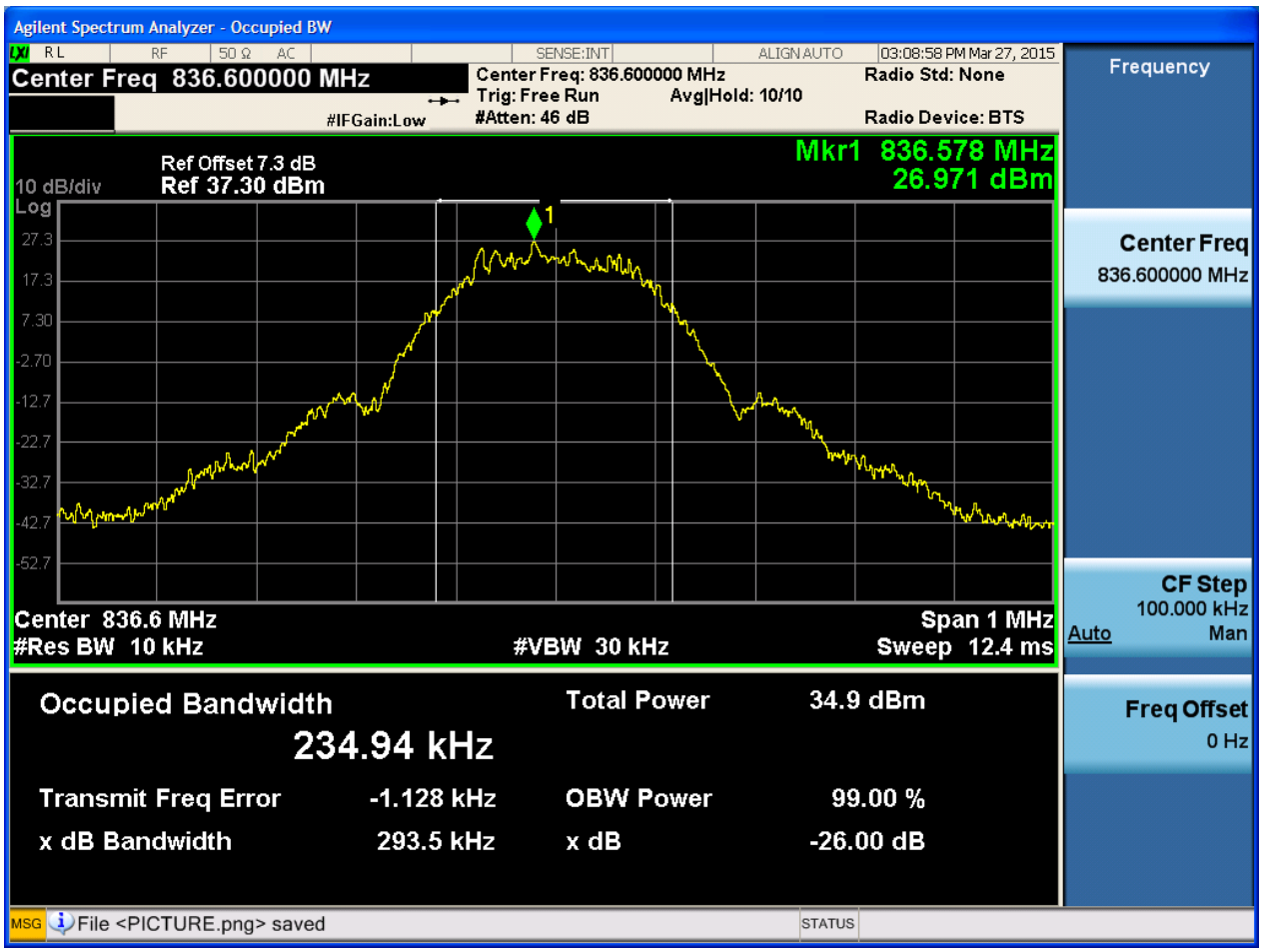
4.1.1.2.2 Test Channel = MCH



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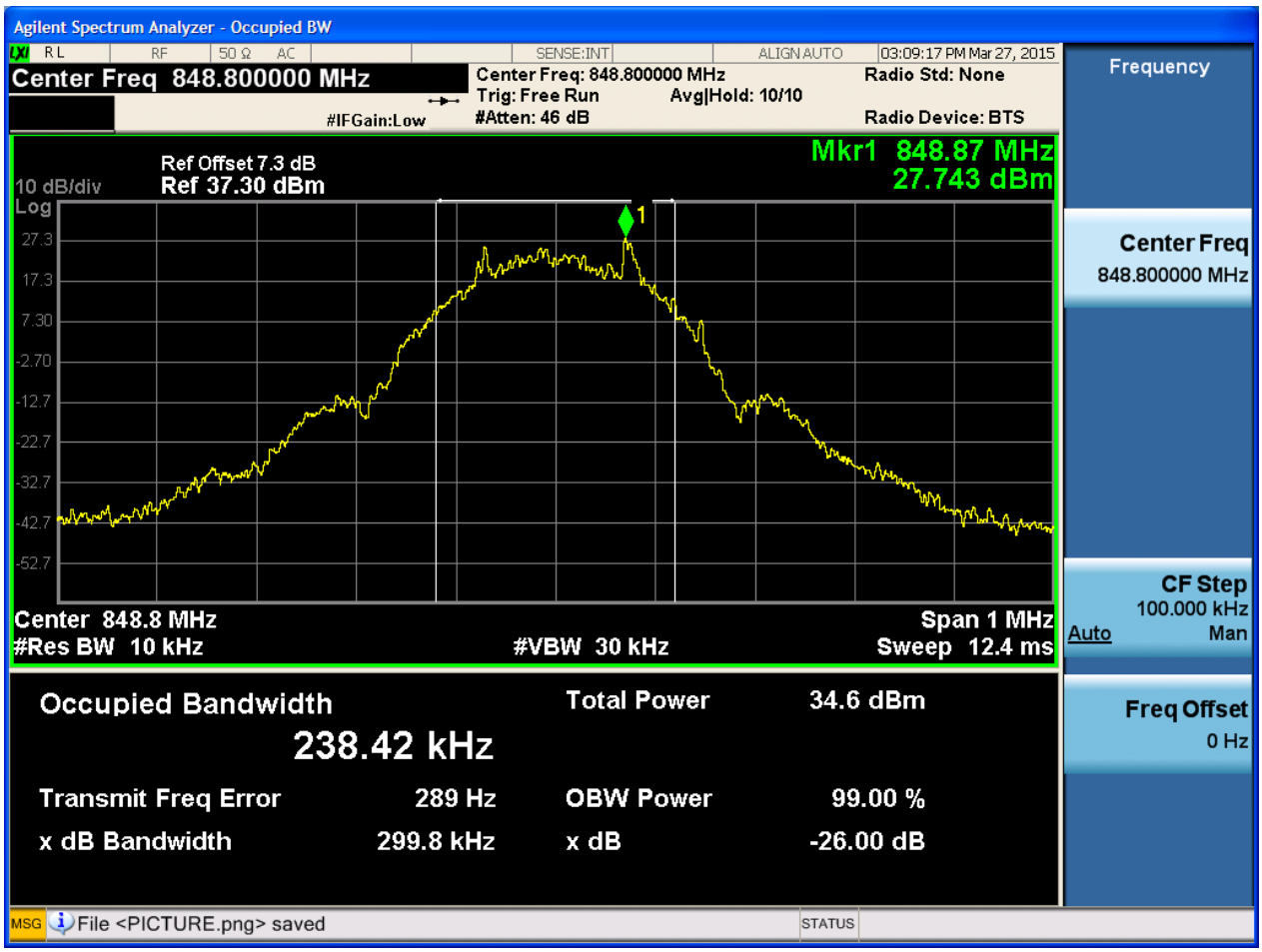
4.1.1.2.3 Test Channel = HCH



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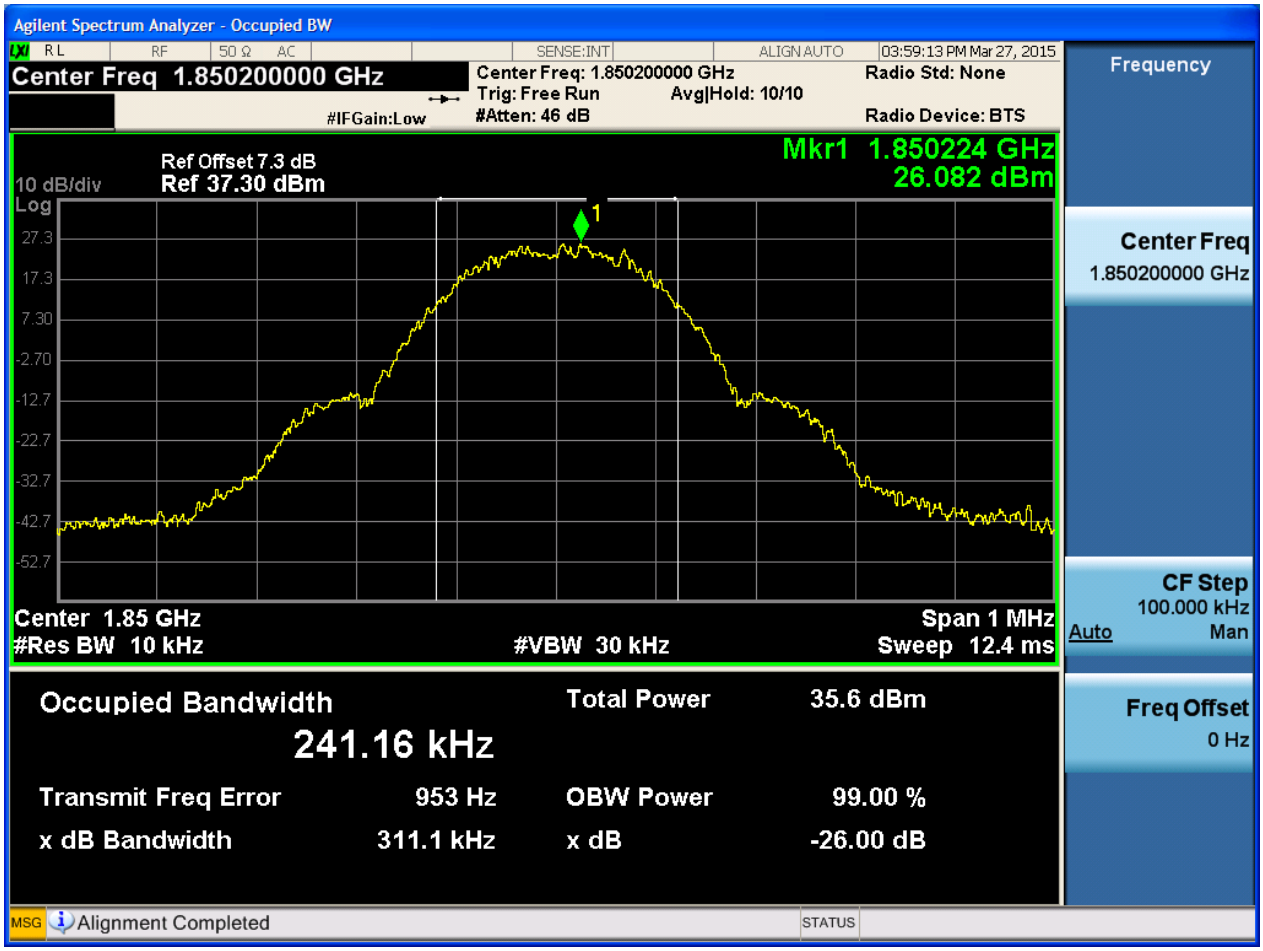
4.1.2 Test Band = GSM1900

4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



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