



Appendix B

E-UTRA Band 4



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1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 4

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM1	1.4M	LCH	RB1#0	23.84	24.56	30.00	PASS
				RB1#2	23.24	23.96	30.00	PASS
				RB1#5	23.86	24.58	30.00	PASS
				RB3#0	23.64	24.36	30.00	PASS
				RB3#2	23.54	24.26	30.00	PASS
				RB3#3	23.75	24.47	30.00	PASS
				RB6#0	22.06	22.78	30.00	PASS
			MCH	RB1#0	23.85	24.57	30.00	PASS
				RB1#2	23.36	24.08	30.00	PASS
				RB1#5	23.78	24.50	30.00	PASS
				RB3#0	23.61	24.33	30.00	PASS
				RB3#2	23.54	24.26	30.00	PASS
				RB3#3	23.75	24.47	30.00	PASS
				RB6#0	22.08	22.80	30.00	PASS
			HCH	RB1#0	23.75	24.47	30.00	PASS
				RB1#2	23.14	23.86	30.00	PASS
				RB1#5	23.84	24.56	30.00	PASS
				RB3#0	23.53	24.25	30.00	PASS
				RB3#2	23.45	24.17	30.00	PASS
				RB3#3	23.75	24.47	30.00	PASS
				RB6#0	22.06	22.78	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM2	1.4M	LCH	RB1#0	22.36	23.08	30.00	PASS
				RB1#2	22.07	22.79	30.00	PASS
				RB1#5	22.40	23.12	30.00	PASS
				RB3#0	22.04	22.76	30.00	PASS
				RB3#2	22.03	22.75	30.00	PASS
				RB3#3	22.18	22.90	30.00	PASS
				RB6#0	21.11	21.83	30.00	PASS
			MCH	RB1#0	22.33	23.05	30.00	PASS
				RB1#2	22.00	22.72	30.00	PASS
				RB1#5	22.36	23.08	30.00	PASS
				RB3#0	22.04	22.76	30.00	PASS
				RB3#2	22.16	22.88	30.00	PASS
				RB3#3	22.09	22.81	30.00	PASS
				RB6#0	21.02	21.74	30.00	PASS
			HCH	RB1#0	22.38	23.10	30.00	PASS
				RB1#2	22.08	22.80	30.00	PASS
				RB1#5	22.33	23.05	30.00	PASS
				RB3#0	22.06	22.78	30.00	PASS
				RB3#2	22.13	22.85	30.00	PASS
				RB3#3	22.08	22.80	30.00	PASS
				RB6#0	21.00	21.72	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM3	1.4M	LCH	RB1#0	21.82	22.54	30.00	PASS
				RB1#2	21.32	22.04	30.00	PASS
				RB1#5	21.75	22.47	30.00	PASS
				RB3#0	21.59	22.31	30.00	PASS
				RB3#2	21.49	22.21	30.00	PASS
				RB3#3	21.61	22.33	30.00	PASS
				RB6#0	20.58	21.3	30.00	PASS
			MCH	RB1#0	21.75	22.47	30.00	PASS
				RB1#2	21.38	22.1	30.00	PASS
				RB1#5	21.73	22.45	30.00	PASS
				RB3#0	21.56	22.28	30.00	PASS
				RB3#2	21.50	22.22	30.00	PASS
				RB3#3	21.75	22.47	30.00	PASS
				RB6#0	20.60	21.32	30.00	PASS
			HCH	RB1#0	21.75	22.47	30.00	PASS
				RB1#2	21.35	22.07	30.00	PASS
				RB1#5	21.78	22.5	30.00	PASS
				RB3#0	21.54	22.26	30.00	PASS
				RB3#2	21.46	22.18	30.00	PASS
				RB3#3	21.70	22.42	30.00	PASS
				RB6#0	20.54	21.26	30.00	PASS



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BAND4	LTE/TM1	3M	LCH	RB1#0	23.80	24.52	30.00	PASS
				RB1#7	23.26	23.98	30.00	PASS
				RB1#14	23.49	24.21	30.00	PASS
				RB8#0	22.09	22.81	30.00	PASS
				RB8#4	22.01	22.73	30.00	PASS
				RB8#7	22.03	22.75	30.00	PASS
				RB15#0	22.05	22.77	30.00	PASS
			MCH	RB1#0	23.69	24.41	30.00	PASS
				RB1#7	23.34	24.06	30.00	PASS
				RB1#14	23.62	24.34	30.00	PASS
				RB8#0	22.07	22.79	30.00	PASS
				RB8#4	22.11	22.83	30.00	PASS
				RB8#7	22.16	22.88	30.00	PASS
				RB15#0	22.18	22.9	30.00	PASS
			HCH	RB1#0	23.75	24.47	30.00	PASS
				RB1#7	23.12	23.84	30.00	PASS
				RB1#14	23.45	24.17	30.00	PASS
				RB8#0	22.15	22.87	30.00	PASS
				RB8#4	22.04	22.76	30.00	PASS
				RB8#7	22.09	22.81	30.00	PASS
				RB15#0	22.01	22.73	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM2	3M	LCH	RB1#0	22.19	22.91	30.00	PASS
				RB1#7	22.12	22.84	30.00	PASS
				RB1#14	22.27	22.99	30.00	PASS
				RB8#0	21.02	21.74	30.00	PASS
				RB8#4	21.04	21.76	30.00	PASS
				RB8#7	21.08	21.8	30.00	PASS
				RB15#0	21.08	21.8	30.00	PASS
			MCH	RB1#0	22.46	23.18	30.00	PASS
				RB1#7	22.03	22.75	30.00	PASS
				RB1#14	22.38	23.1	30.00	PASS
				RB8#0	21.12	21.84	30.00	PASS
				RB8#4	21.11	21.83	30.00	PASS
				RB8#7	21.13	21.85	30.00	PASS
				RB15#0	21.15	21.87	30.00	PASS
			HCH	RB1#0	22.26	22.98	30.00	PASS
				RB1#7	22.12	22.84	30.00	PASS
				RB1#14	22.19	22.91	30.00	PASS
				RB8#0	21.09	21.81	30.00	PASS
				RB8#4	21.14	21.86	30.00	PASS
				RB8#7	21.01	21.73	30.00	PASS
				RB15#0	21.08	21.80	30.00	PASS



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BAND4	LTE/TM3	3M	LCH	RB1#0	21.72	22.44	30.00	PASS
				RB1#7	21.43	22.15	30.00	PASS
				RB1#14	21.78	22.5	30.00	PASS
				RB8#0	20.61	21.33	30.00	PASS
				RB8#4	20.62	21.34	30.00	PASS
				RB8#7	20.65	21.37	30.00	PASS
				RB15#0	20.62	21.34	30.00	PASS
			MCH	RB1#0	21.81	22.53	30.00	PASS
				RB1#7	21.31	22.03	30.00	PASS
				RB1#14	21.71	22.43	30.00	PASS
				RB8#0	20.65	21.37	30.00	PASS
				RB8#4	20.58	21.3	30.00	PASS
				RB8#7	20.63	21.35	30.00	PASS
				RB15#0	20.62	21.34	30.00	PASS
			HCH	RB1#0	21.78	22.5	30.00	PASS
				RB1#7	21.32	22.04	30.00	PASS
				RB1#14	21.80	22.52	30.00	PASS
				RB8#0	20.56	21.28	30.00	PASS
				RB8#4	20.59	21.31	30.00	PASS
				RB8#7	20.63	21.35	30.00	PASS
				RB15#0	20.56	21.28	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM1	5M	LCH	RB1#0	23.70	24.42	30.00	PASS
				RB1#13	23.74	24.46	30.00	PASS
				RB1#24	23.67	24.39	30.00	PASS
				RB12#0	22.15	22.87	30.00	PASS
				RB12#6	22.11	22.83	30.00	PASS
				RB12#13	22.14	22.86	30.00	PASS
				RB25#0	22.12	22.84	30.00	PASS
			MCH	RB1#0	23.78	24.5	30.00	PASS
				RB1#13	23.79	24.51	30.00	PASS
				RB1#24	23.69	24.41	30.00	PASS
				RB12#0	22.18	22.9	30.00	PASS
				RB12#6	22.1	22.82	30.00	PASS
				RB12#13	22.14	22.86	30.00	PASS
				RB25#0	22.09	22.81	30.00	PASS
			HCH	RB1#0	23.77	24.49	30.00	PASS
				RB1#13	23.73	24.45	30.00	PASS
				RB1#24	23.73	24.45	30.00	PASS
				RB12#0	22.08	22.8	30.00	PASS
				RB12#6	22.09	22.81	30.00	PASS
				RB12#13	22.08	22.8	30.00	PASS
				RB25#0	22.07	22.79	30.00	PASS



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BAND4	LTE/TM2	5M	LCH	RB1#0	22.32	23.04	30.00	PASS
				RB1#13	22.30	23.02	30.00	PASS
				RB1#24	22.20	22.92	30.00	PASS
				RB12#0	21.10	21.82	30.00	PASS
				RB12#6	21.06	21.78	30.00	PASS
				RB12#13	21.10	21.82	30.00	PASS
				RB25#0	21.07	21.79	30.00	PASS
			MCH	RB1#0	22.34	23.06	30.00	PASS
				RB1#13	22.33	23.05	30.00	PASS
				RB1#24	22.32	23.04	30.00	PASS
				RB12#0	21.11	21.83	30.00	PASS
				RB12#6	21.04	21.76	30.00	PASS
				RB12#13	21.03	21.75	30.00	PASS
				RB25#0	21.03	21.75	30.00	PASS
			HCH	RB1#0	22.29	23.01	30.00	PASS
				RB1#13	22.22	22.94	30.00	PASS
				RB1#24	22.21	22.93	30.00	PASS
				RB12#0	21.01	21.73	30.00	PASS
				RB12#6	21.03	21.75	30.00	PASS
				RB12#13	21.03	21.75	30.00	PASS
				RB25#0	21.00	21.72	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM3	5M	LCH	RB1#0	21.09	21.81	30.00	PASS
				RB1#13	21.14	21.86	30.00	PASS
				RB1#24	21.09	21.81	30.00	PASS
				RB12#0	20.70	21.42	30.00	PASS
				RB12#6	20.67	21.39	30.00	PASS
				RB12#13	20.69	21.41	30.00	PASS
				RB25#0	20.66	21.38	30.00	PASS
			MCH	RB1#0	22.17	22.89	30.00	PASS
				RB1#13	22.16	22.88	30.00	PASS
				RB1#24	22.14	22.86	30.00	PASS
				RB12#0	20.71	21.43	30.00	PASS
				RB12#6	20.67	21.39	30.00	PASS
				RB12#13	20.66	21.38	30.00	PASS
				RB25#0	20.62	21.34	30.00	PASS
			HCH	RB1#0	22.18	22.90	30.00	PASS
				RB1#13	22.16	22.88	30.00	PASS
				RB1#24	22.12	22.84	30.00	PASS
				RB12#0	20.59	21.31	30.00	PASS
				RB12#6	20.59	21.31	30.00	PASS
				RB12#13	20.58	21.30	30.00	PASS
				RB25#0	20.53	21.25	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM1	10M	LCH	RB1#0	23.74	24.46	30.00	PASS
				RB1#25	23.47	24.19	30.00	PASS
				RB1#49	23.68	24.40	30.00	PASS
				RB25#0	22.15	22.87	30.00	PASS
				RB25#13	22.11	22.83	30.00	PASS
				RB25#25	22.13	22.85	30.00	PASS
				RB50#0	22.11	22.83	30.00	PASS
			MCH	RB1#0	23.78	24.50	30.00	PASS
				RB1#25	23.67	24.39	30.00	PASS
				RB1#49	23.72	24.44	30.00	PASS
				RB25#0	22.13	22.85	30.00	PASS
				RB25#13	22.13	22.85	30.00	PASS
				RB25#25	22.1	22.82	30.00	PASS
				RB50#0	22.13	22.85	30.00	PASS
			HCH	RB1#0	23.77	24.49	30.00	PASS
				RB1#25	23.36	24.08	30.00	PASS
				RB1#49	23.27	23.99	30.00	PASS
				RB25#0	22.04	22.76	30.00	PASS
				RB25#13	22.14	22.86	30.00	PASS
				RB25#25	22.07	22.79	30.00	PASS
				RB50#0	22.18	22.90	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM2	10M	LCH	RB1#0	22.4	23.12	30.00	PASS
				RB1#25	22.15	22.87	30.00	PASS
				RB1#49	22.24	22.96	30.00	PASS
				RB25#0	21.07	21.79	30.00	PASS
				RB25#13	21.02	21.74	30.00	PASS
				RB25#25	21.06	21.78	30.00	PASS
				RB50#0	21.02	21.74	30.00	PASS
			MCH	RB1#0	22.34	23.06	30.00	PASS
				RB1#25	22.12	22.84	30.00	PASS
				RB1#49	22.37	23.09	30.00	PASS
				RB25#0	21.10	21.82	30.00	PASS
				RB25#13	21.06	21.78	30.00	PASS
				RB25#25	21.06	21.78	30.00	PASS
				RB50#0	21.05	21.77	30.00	PASS
			HCH	RB1#0	22.12	22.84	30.00	PASS
				RB1#25	22.16	22.88	30.00	PASS
				RB1#49	22.00	22.72	30.00	PASS
				RB25#0	21.02	21.74	30.00	PASS
				RB25#13	21.06	21.78	30.00	PASS
				RB25#25	21.03	21.75	30.00	PASS
				RB50#0	21.02	21.74	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM3	10M	LCH	RB1#0	21.72	22.44	30.00	PASS
				RB1#25	21.57	22.29	30.00	PASS
				RB1#49	21.76	22.48	30.00	PASS
				RB25#0	20.68	21.4	30.00	PASS
				RB25#13	20.61	21.33	30.00	PASS
				RB25#25	20.60	21.32	30.00	PASS
				RB50#0	20.61	21.33	30.00	PASS
			MCH	RB1#0	21.80	22.52	30.00	PASS
				RB1#25	21.61	22.33	30.00	PASS
				RB1#49	21.73	22.45	30.00	PASS
				RB25#0	20.66	21.38	30.00	PASS
				RB25#13	20.62	21.34	30.00	PASS
				RB25#25	20.62	21.34	30.00	PASS
				RB50#0	20.60	21.32	30.00	PASS
			HCH	RB1#0	21.72	22.44	30.00	PASS
				RB1#25	21.46	22.18	30.00	PASS
				RB1#49	21.71	22.43	30.00	PASS
				RB25#0	20.66	21.38	30.00	PASS
				RB25#13	20.57	21.29	30.00	PASS
				RB25#25	20.59	21.31	30.00	PASS
				RB50#0	20.63	21.35	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM1	15M	LCH	RB1#0	23.68	24.4	30.00	PASS
				RB1#38	23.41	24.13	30.00	PASS
				RB1#74	23.34	24.06	30.00	PASS
				RB36#0	22.00	22.72	30.00	PASS
				RB36#18	21.98	22.7	30.00	PASS
				RB36#39	22.03	22.75	30.00	PASS
				RB75#0	22.09	22.81	30.00	PASS
			MCH	RB1#0	23.71	24.43	30.00	PASS
				RB1#38	23.65	24.37	30.00	PASS
				RB1#74	23.47	24.19	30.00	PASS
				RB36#0	22.12	22.84	30.00	PASS
				RB36#18	22.19	22.91	30.00	PASS
				RB36#39	22.21	22.93	30.00	PASS
				RB75#0	22.25	22.97	30.00	PASS
			HCH	RB1#0	23.79	24.51	30.00	PASS
				RB1#38	23.73	24.45	30.00	PASS
				RB1#74	23.42	24.14	30.00	PASS
				RB36#0	22.08	22.8	30.00	PASS
				RB36#18	22.06	22.78	30.00	PASS
				RB36#39	21.97	22.69	30.00	PASS
				RB75#0	22.00	22.72	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM2	15M	LCH	RB1#0	22.38	23.10	30.00	PASS
				RB1#38	22.31	23.03	30.00	PASS
				RB1#74	22.20	22.92	30.00	PASS
				RB36#0	21.09	21.81	30.00	PASS
				RB36#18	21.07	21.79	30.00	PASS
				RB36#39	21.13	21.85	30.00	PASS
				RB75#0	21.10	21.82	30.00	PASS
			MCH	RB1#0	22.40	23.12	30.00	PASS
				RB1#38	22.38	23.1	30.00	PASS
				RB1#74	22.38	23.1	30.00	PASS
				RB36#0	21.23	21.95	30.00	PASS
				RB36#18	21.16	21.88	30.00	PASS
				RB36#39	21.18	21.90	30.00	PASS
				RB75#0	21.18	21.90	30.00	PASS
			HCH	RB1#0	22.25	22.97	30.00	PASS
				RB1#38	22.25	22.97	30.00	PASS
				RB1#74	22.04	22.76	30.00	PASS
				RB36#0	21.04	21.76	30.00	PASS
				RB36#18	21.01	21.73	30.00	PASS
				RB36#39	21.00	21.72	30.00	PASS
				RB75#0	21.01	21.73	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM3	15M	LCH	RB1#0	22.28	23.00	30.00	PASS
				RB1#38	22.26	22.98	30.00	PASS
				RB1#74	22.22	22.94	30.00	PASS
				RB36#0	20.71	21.43	30.00	PASS
				RB36#18	20.59	21.31	30.00	PASS
				RB36#39	20.65	21.37	30.00	PASS
				RB75#0	20.61	21.33	30.00	PASS
			MCH	RB1#0	21.75	22.47	30.00	PASS
				RB1#38	21.74	22.46	30.00	PASS
				RB1#74	21.71	22.43	30.00	PASS
				RB36#0	20.72	21.44	30.00	PASS
				RB36#18	20.67	21.39	30.00	PASS
				RB36#39	20.67	21.39	30.00	PASS
				RB75#0	20.71	21.43	30.00	PASS
			HCH	RB1#0	21.89	22.61	30.00	PASS
				RB1#38	21.72	22.44	30.00	PASS
				RB1#74	21.65	22.37	30.00	PASS
				RB36#0	20.57	21.29	30.00	PASS
				RB36#18	20.55	21.27	30.00	PASS
				RB36#39	20.49	21.21	30.00	PASS
				RB75#0	20.48	21.20	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM1	20M	LCH	RB1#0	23.68	24.4	30.00	PASS
				RB1#50	22.81	23.53	30.00	PASS
				RB1#99	23.42	24.14	30.00	PASS
				RB50#0	22.09	22.81	30.00	PASS
				RB50#25	22.19	22.91	30.00	PASS
				RB50#50	22.03	22.75	30.00	PASS
				RB100#0	22.07	22.79	30.00	PASS
			MCH	RB1#0	23.81	24.53	30.00	PASS
				RB1#50	23.23	23.95	30.00	PASS
				RB1#99	23.49	24.21	30.00	PASS
				RB50#0	22.06	22.78	30.00	PASS
				RB50#25	22.07	22.79	30.00	PASS
				RB50#50	22.10	22.82	30.00	PASS
				RB100#0	22.16	22.88	30.00	PASS
			HCH	RB1#0	23.86	24.58	30.00	PASS
				RB1#50	23.07	23.79	30.00	PASS
				RB1#99	23.21	23.93	30.00	PASS
				RB50#0	22.08	22.8	30.00	PASS
				RB50#25	22.01	22.73	30.00	PASS
				RB50#50	22.06	22.78	30.00	PASS
				RB100#0	22.16	22.88	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM2	20M	LCH	RB1#0	22.35	23.07	30.00	PASS
				RB1#50	22.01	22.73	30.00	PASS
				RB1#99	22.28	23.00	30.00	PASS
				RB50#0	21.03	21.75	30.00	PASS
				RB50#25	21.09	21.81	30.00	PASS
				RB50#50	21.06	21.78	30.00	PASS
				RB100#0	21.15	21.87	30.00	PASS
			MCH	RB1#0	22.59	23.31	30.00	PASS
				RB1#50	22.25	22.97	30.00	PASS
				RB1#99	22.45	23.17	30.00	PASS
				RB50#0	21.12	21.84	30.00	PASS
				RB50#25	21.14	21.86	30.00	PASS
				RB50#50	21.18	21.90	30.00	PASS
				RB100#0	21.20	21.92	30.00	PASS
			HCH	RB1#0	22.34	23.06	30.00	PASS
				RB1#50	22.08	22.80	30.00	PASS
				RB1#99	22.09	22.81	30.00	PASS
				RB50#0	21.09	21.81	30.00	PASS
				RB50#25	21.18	21.9	30.00	PASS
				RB50#50	21.07	21.79	30.00	PASS
				RB100#0	21.02	21.74	30.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND4	LTE/TM3	20M	LCH	RB1#0	22.00	22.72	30.00	PASS
				RB1#50	21.39	22.11	30.00	PASS
				RB1#99	21.59	22.31	30.00	PASS
				RB50#0	20.51	21.23	30.00	PASS
				RB50#25	20.45	21.17	30.00	PASS
				RB50#50	20.44	21.16	30.00	PASS
				RB100#0	20.55	21.27	30.00	PASS
			MCH	RB1#0	21.86	22.58	30.00	PASS
				RB1#50	21.36	22.08	30.00	PASS
				RB1#99	21.73	22.45	30.00	PASS
				RB50#0	20.48	21.2	30.00	PASS
				RB50#25	20.47	21.19	30.00	PASS
				RB50#50	20.52	21.24	30.00	PASS
				RB100#0	20.55	21.27	30.00	PASS
			HCH	RB1#0	21.79	22.51	30.00	PASS
				RB1#50	21.46	22.18	30.00	PASS
				RB1#99	21.53	22.25	30.00	PASS
				RB50#0	20.39	21.11	30.00	PASS
				RB50#25	20.34	21.06	30.00	PASS
				RB50#50	20.28	21.00	30.00	PASS
				RB100#0	20.34	21.06	30.00	PASS

Note:

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

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

b: SGP=Signal Generator Level

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

Detector: RMS

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2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
Band 4	TM1/20M	LCH	5.04	13	PASS
		MCH	5.07	13	PASS
		HCH	5.16	13	PASS
	TM2/20M	LCH	6.03	13	PASS
		MCH	5.91	13	PASS
		HCH	5.97	13	PASS
	TM3/20M	LCH	6.14	13	PASS
		MCH	6.03	13	PASS
		HCH	6.49	13	PASS



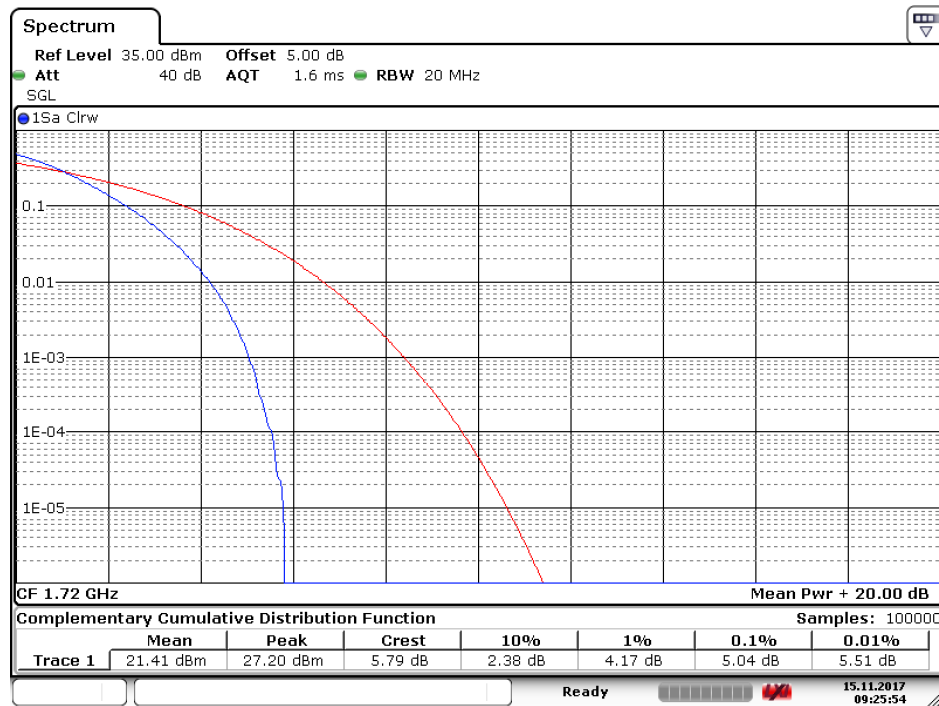
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band4

2.1.1.1 Test Mode = LTE/TM1.Bandwidth=20MHz

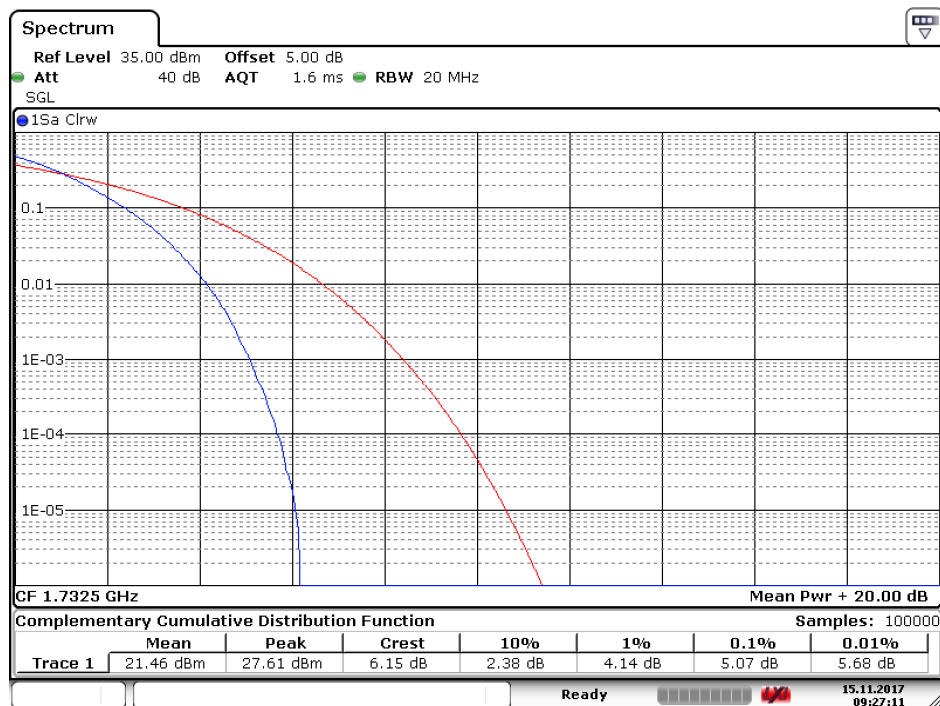
2.1.1.1.1 Test Channel = LCH



Date: 15.NOV.2017 09:25:54

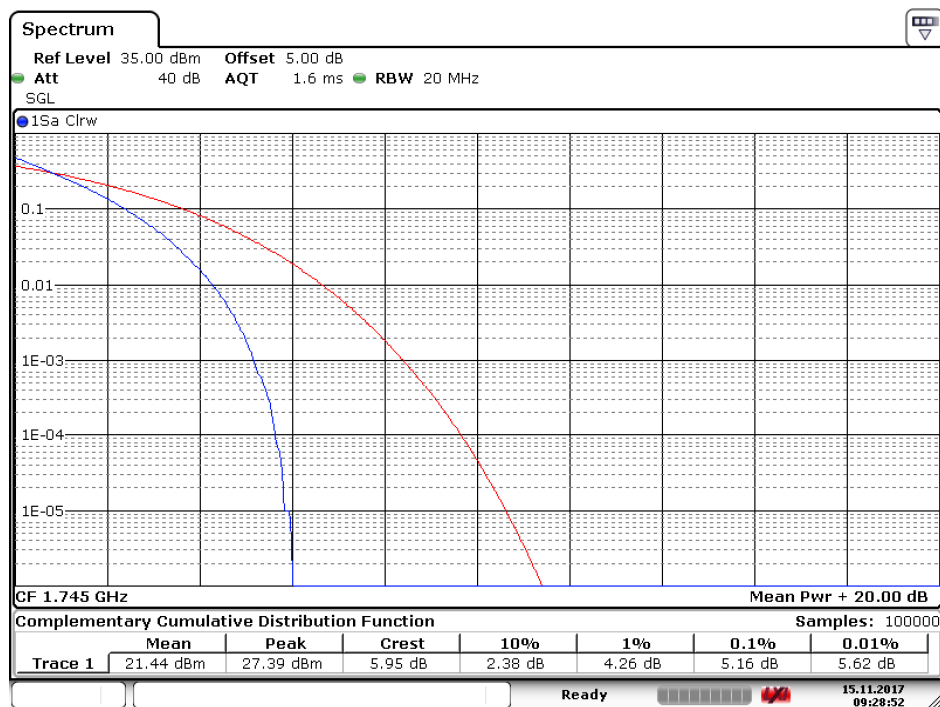


2.1.1.1.2 Test Channel = MCH



Date: 15.NOV.2017 09:27:11

2.1.1.1.3 Test Channel = HCH

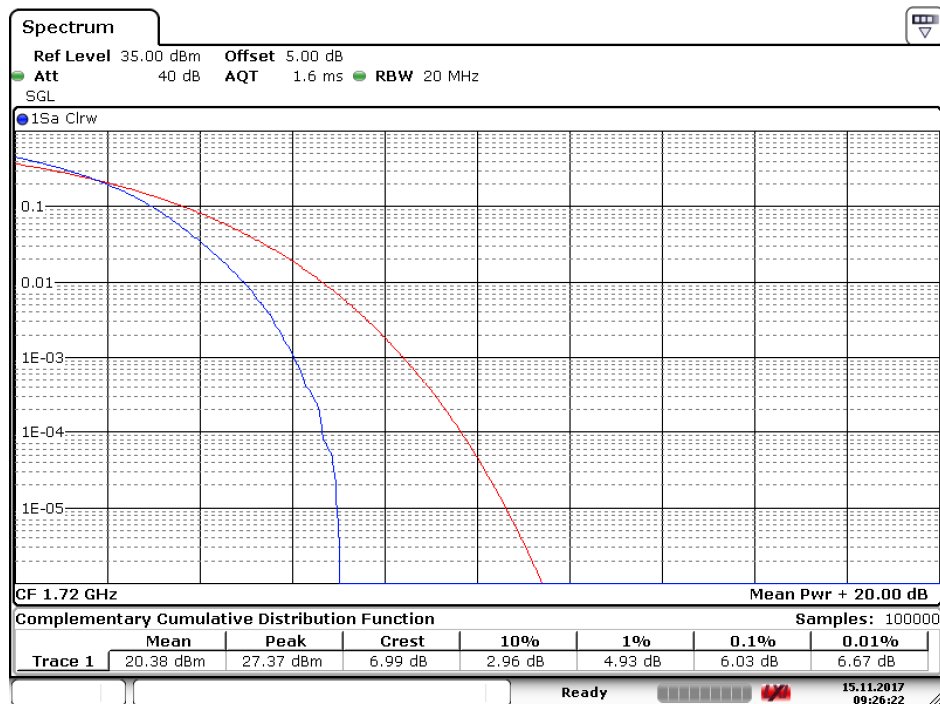


Date: 15.NOV.2017 09:28:53



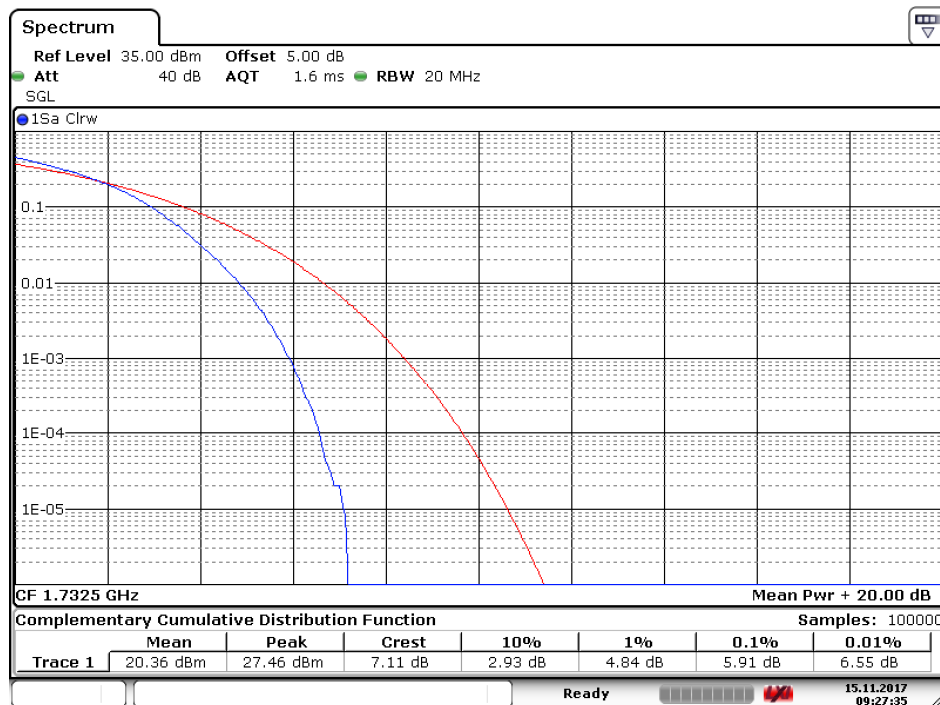
2.1.1.2 Test Mode = LTE/TM2.Bandwidth=20MHz

2.1.1.2.1 Test Channel = LCH



Date: 15.NOV.2017 09:26:23

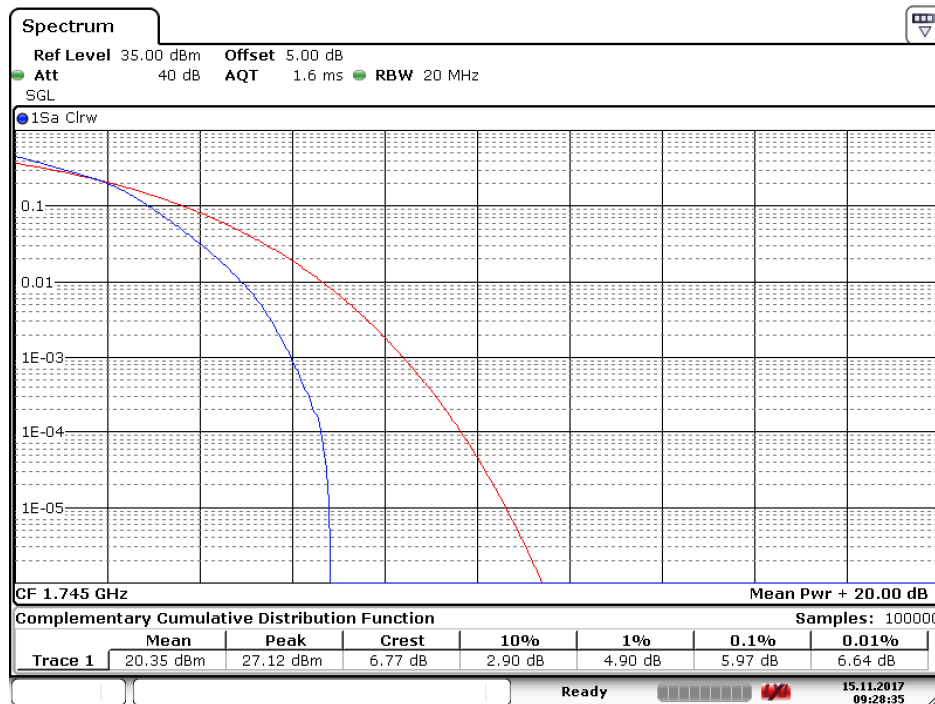
2.1.1.2.2 Test Channel = MCH



Date: 15.NOV.2017 09:27:36



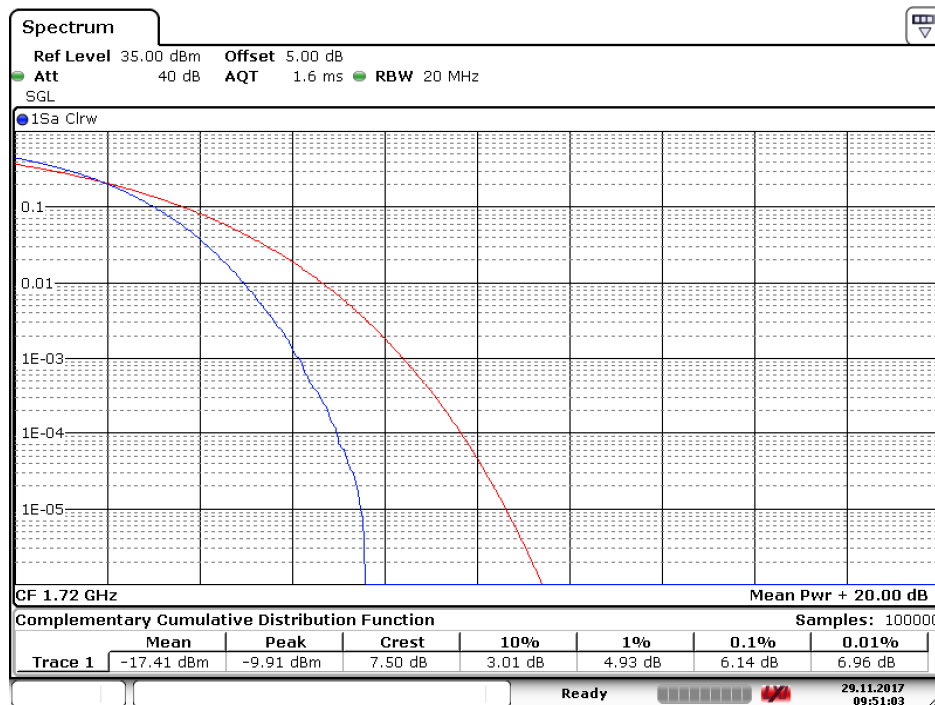
2.1.1.2.3 Test Channel = HCH



Date: 15.NOV.2017 09:28:36

2.1.1.3 Test Mode = LTE/TM3.Bandwidth=20MHz

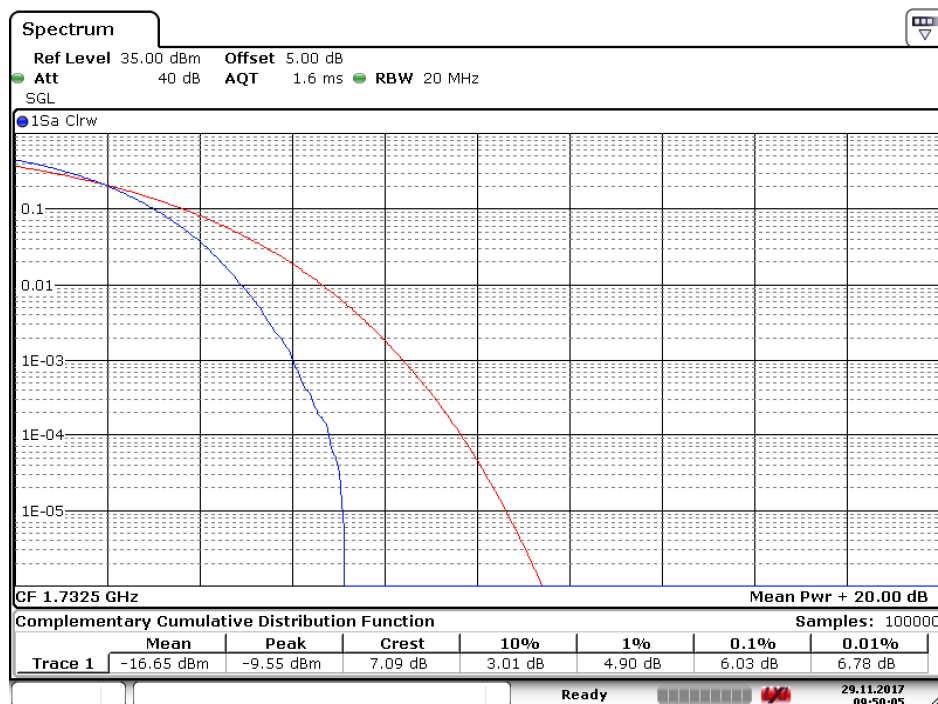
2.1.1.3.1 Test Channel = LCH



Date: 29.NOV.2017 09:51:04

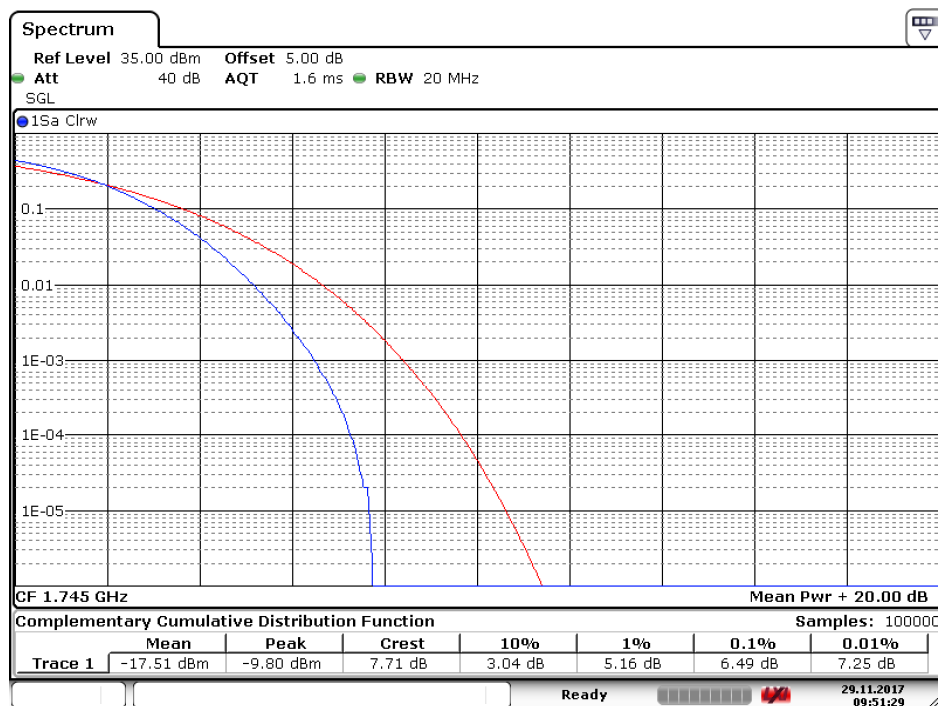


2.1.1.3.2 Test Channel = MCH



Date: 29.NOV.2017 09:50:06

2.1.1.3.3 Test Channel = HCH



Date: 29.NOV.2017 09:51:30



3 Modulation Characteristics

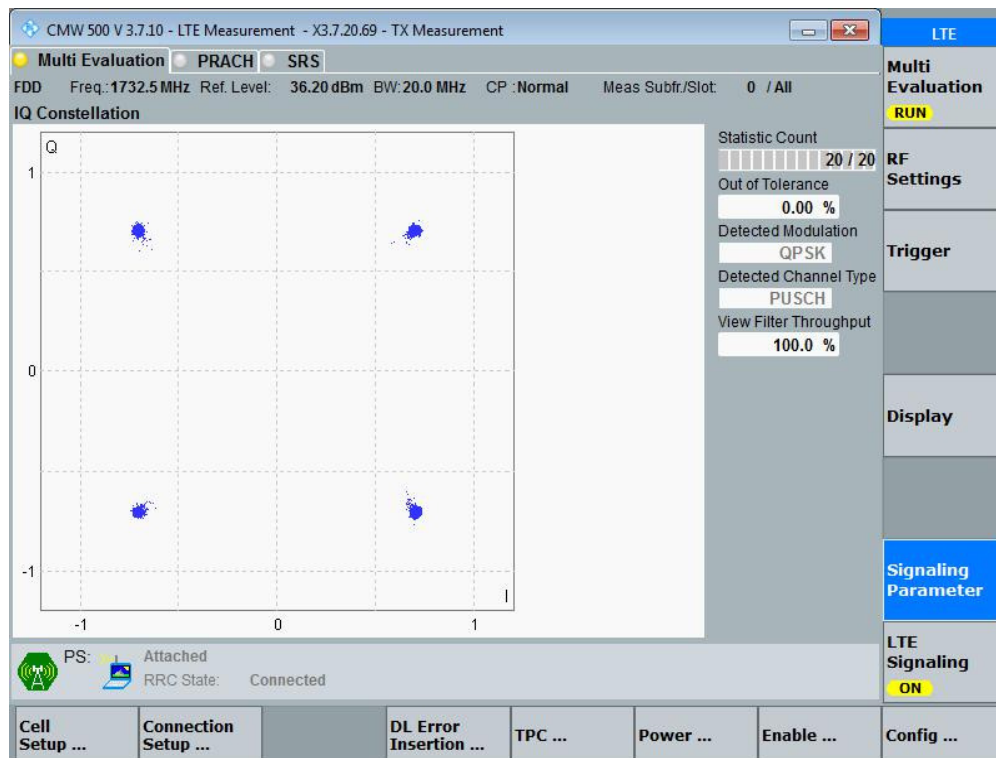
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE band4

3.1.1.1 Test Mode = LTE /TM1 20MHz

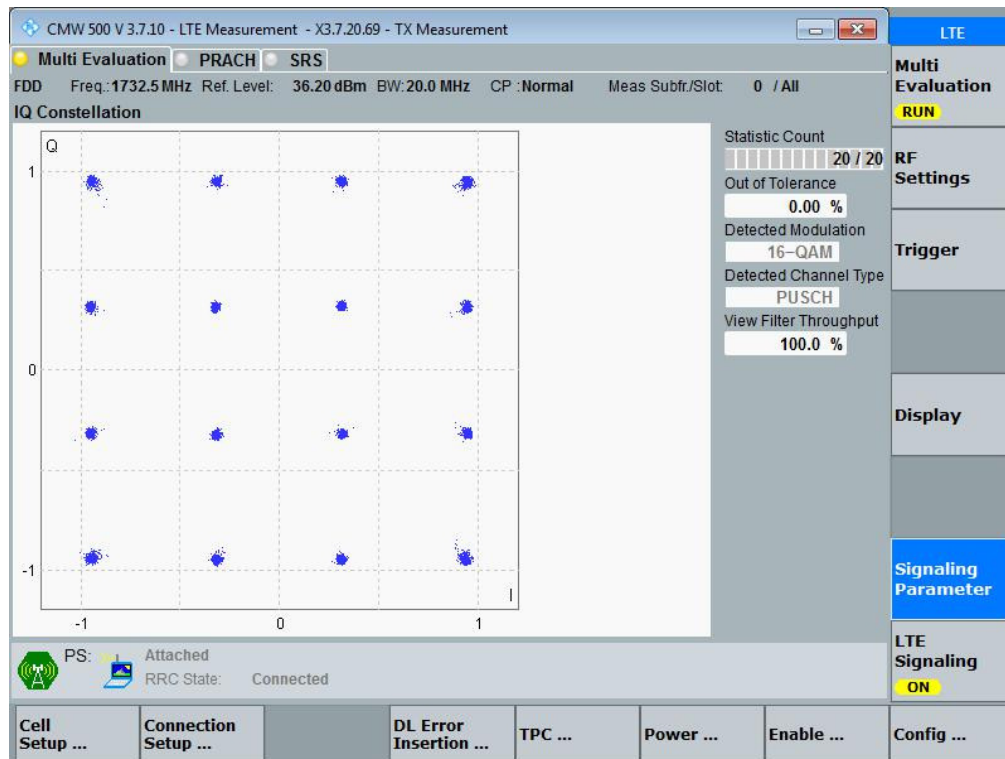
3.1.1.1.1 Test Channel = MCH





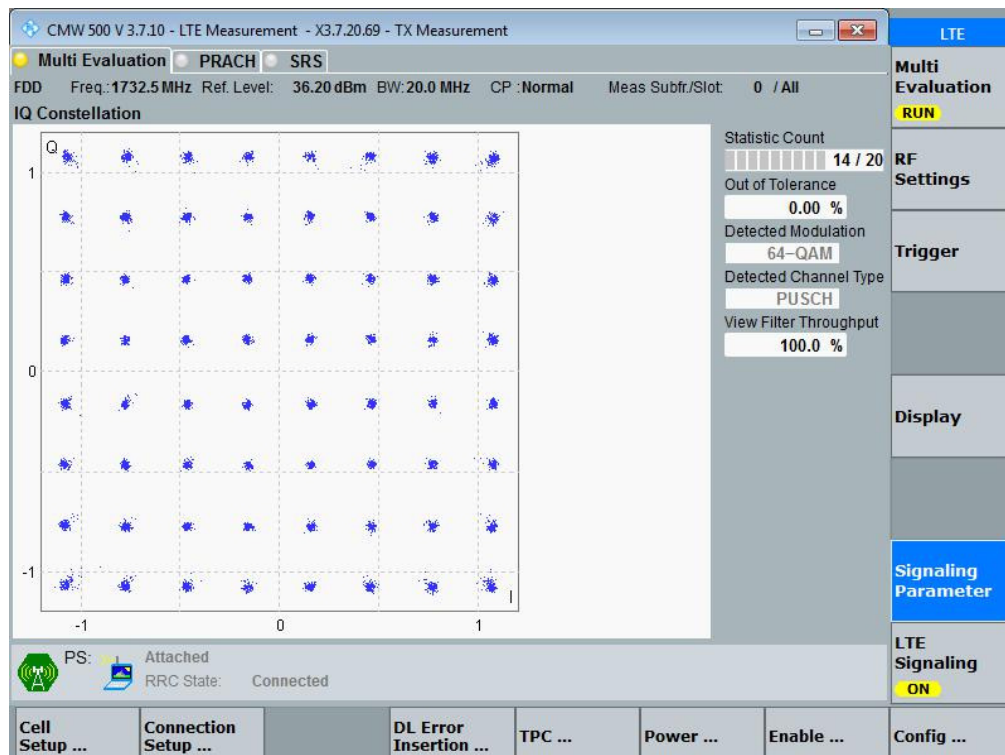
3.1.1.2 Test Mode = LTE /TM2 20MHz

3.1.1.2.1 Test Channel = MCH



3.1.1.3 Test Mode = LTE /TM3 20MHz

3.1.1.3.1 Test Channel = MCH





4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band 4	TM1/1.4MHz	LCH	1.10	1.25	PASS
		MCH	1.10	1.73	PASS
		HCH	1.10	1.24	PASS
	TM2/1.4MHz	LCH	1.10	1.24	PASS
		MCH	1.09	1.24	PASS
		HCH	1.10	1.24	PASS
	TM3/1.4MHz	LCH	1.10	1.23	PASS
		MCH	1.10	1.26	PASS
		HCH	1.10	1.24	PASS
	TM1/ 3MHz	LCH	2.69	2.93	PASS
		MCH	2.69	2.92	PASS
		HCH	2.69	2.93	PASS
	TM2/3MHz	LCH	2.69	2.94	PASS
		MCH	2.69	2.93	PASS
		HCH	2.70	2.94	PASS
	TM3/3MHz	LCH	2.69	2.92	PASS
		MCH	2.69	2.92	PASS
		HCH	2.69	2.95	PASS
	TM1/ 5MHz	LCH	4.48	4.90	PASS
		MCH	4.48	4.92	PASS
		HCH	4.48	4.89	PASS
	TM2/ 5MHz	LCH	4.49	4.88	PASS
		MCH	4.48	4.90	PASS
		HCH	4.49	4.91	PASS
	TM3/ 5MHz	LCH	4.48	4.87	PASS
		MCH	4.47	4.88	PASS
		HCH	4.48	4.90	PASS
	TM1/10MHz	LCH	8.93	9.71	PASS
		MCH	8.93	9.77	PASS
		HCH	8.95	9.73	PASS
	TM2/ 10MHz	LCH	8.95	9.73	PASS
		MCH	8.95	9.69	PASS
		HCH	8.95	9.75	PASS
	TM3/ 10MHz	LCH	8.93	9.67	PASS
		MCH	8.95	9.65	PASS
		HCH	8.95	9.77	PASS



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Band4	TM1/ 15MHz	LCH	13.49	14.93	PASS
		MCH	13.49	14.87	PASS
		HCH	13.55	15.11	PASS
	TM2/ 15MHz	LCH	13.52	14.90	PASS
		MCH	13.52	14.96	PASS
		HCH	13.52	15.02	PASS
	TM3/ 15MHz	LCH	13.49	14.90	PASS
		MCH	13.49	14.96	PASS
		HCH	13.52	14.99	PASS
	TM1/ 20MHz	LCH	17.90	19.46	PASS
		MCH	17.90	19.58	PASS
		HCH	17.98	19.70	PASS
	TM2/ 20MHz	LCH	17.90	19.70	PASS
		MCH	17.94	19.62	PASS
		HCH	18.02	19.70	PASS
	TM3/ 15MHz	LCH	17.90	19.66	PASS
		MCH	17.94	19.50	PASS
		HCH	17.98	19.70	PASS

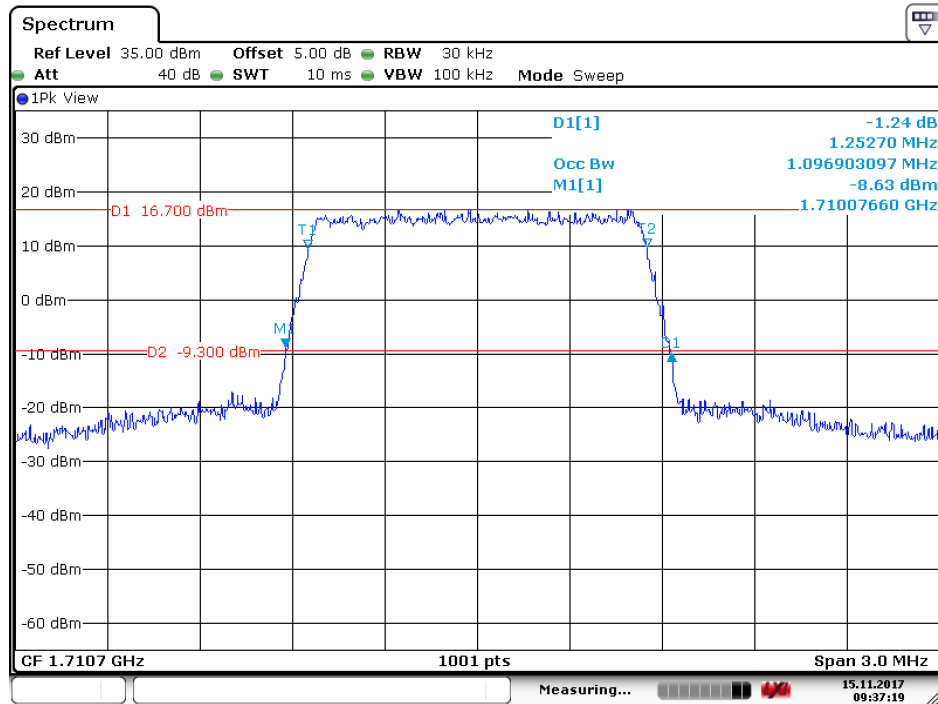


4.1 For LTE

4.1.1 Test Band = LTE band4

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

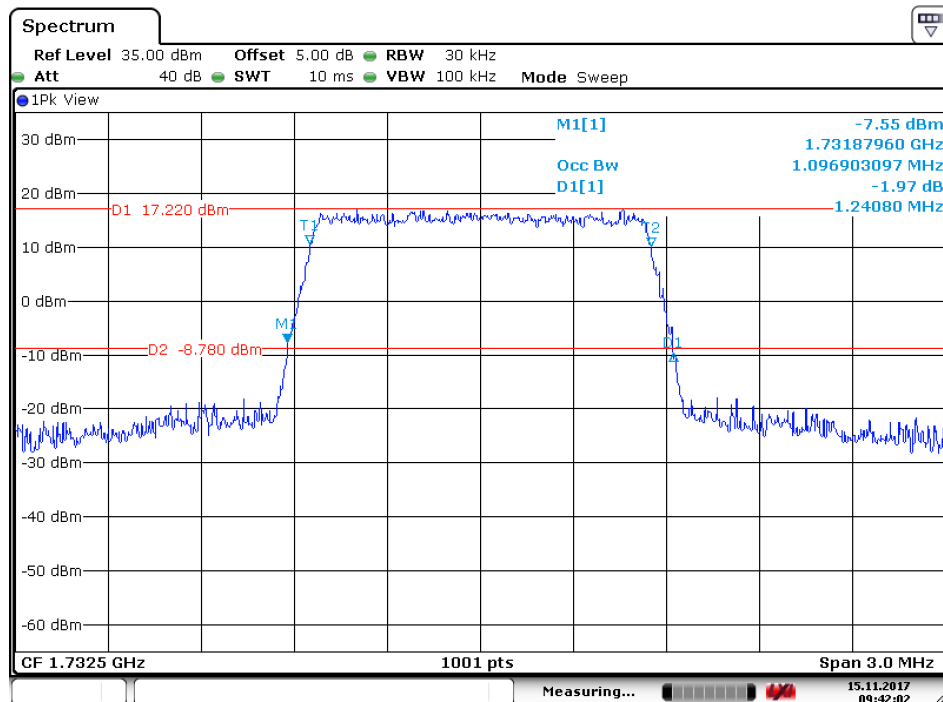
4.1.1.1.1 Test Channel = LCH



Date: 15.NOV.2017 09:37:20

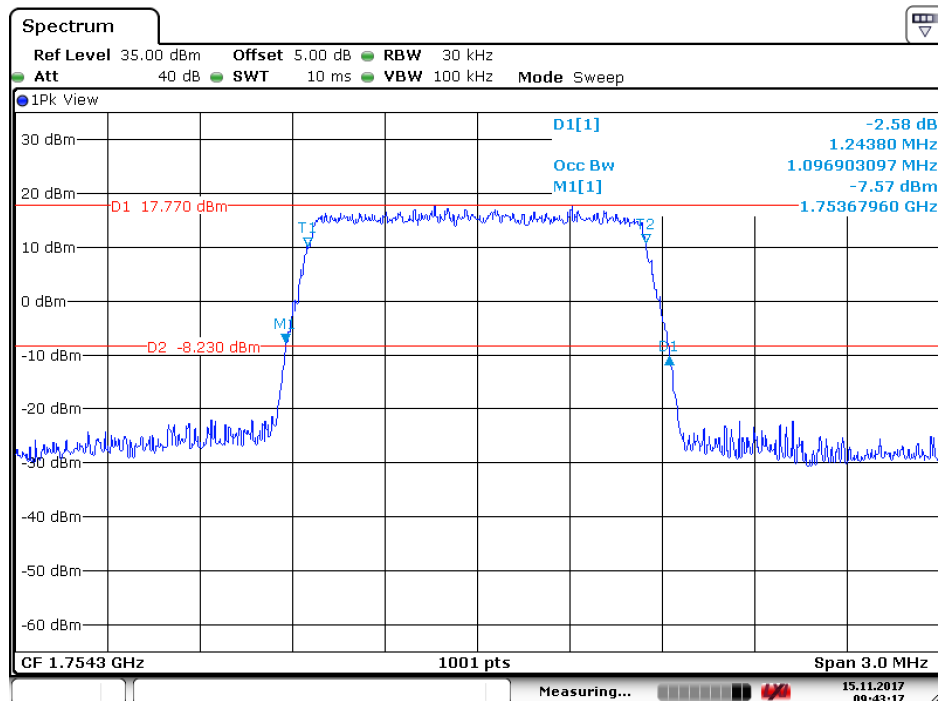


4.1.1.1.2 Test Channel = MCH



Date: 15.NOV.2017 09:42:03

4.1.1.1.3 Test Channel = HCH

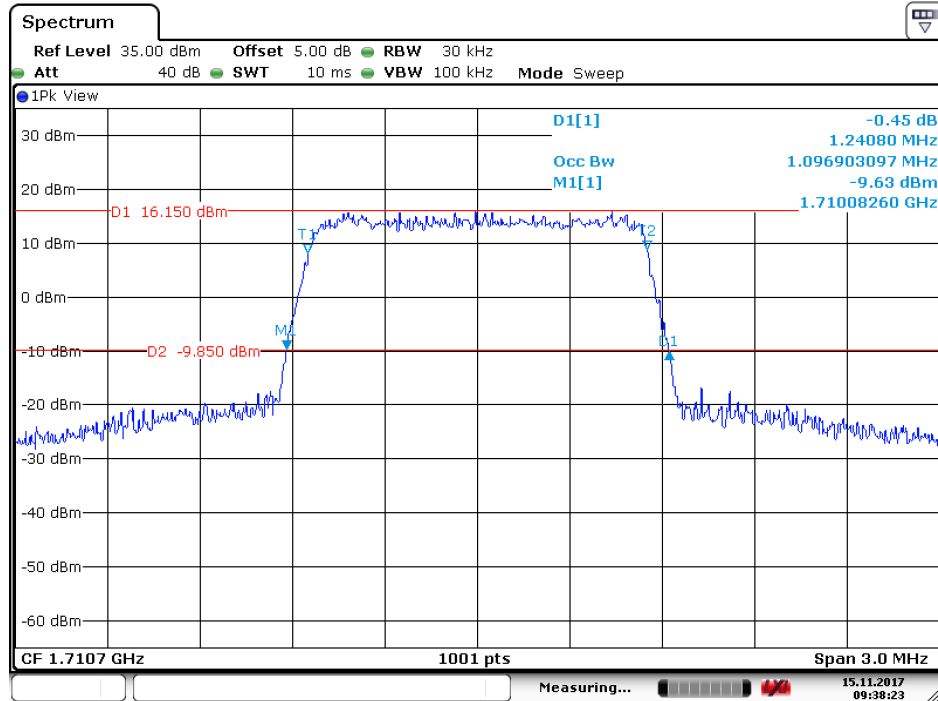


Date: 15.NOV.2017 09:43:17



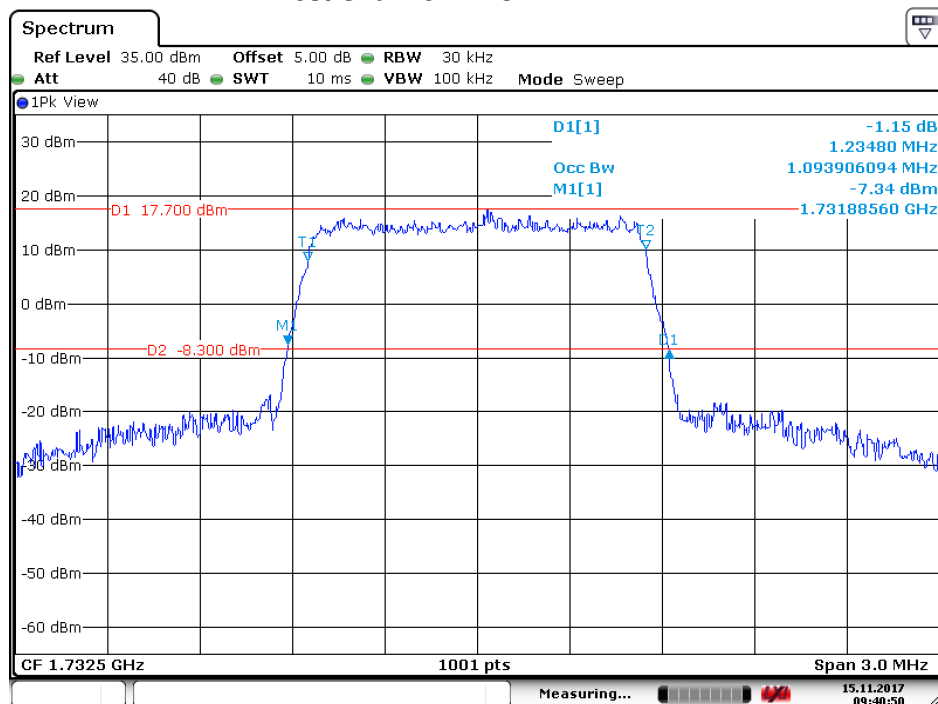
4.1.1.2 Test Mode = LTE/TM2 1.4MHz

4.1.1.2.1 Test Channel = LCH



Date: 15.NOV.2017 09:38:24

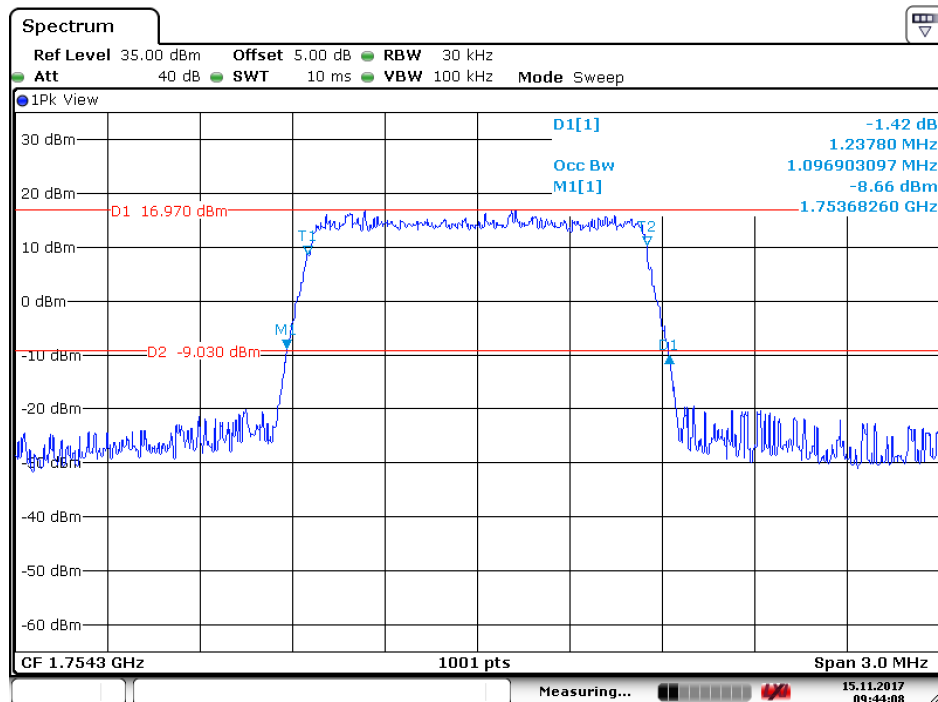
4.1.1.2.2 Test Channel = MCH



Date: 15.NOV.2017 09:40:50



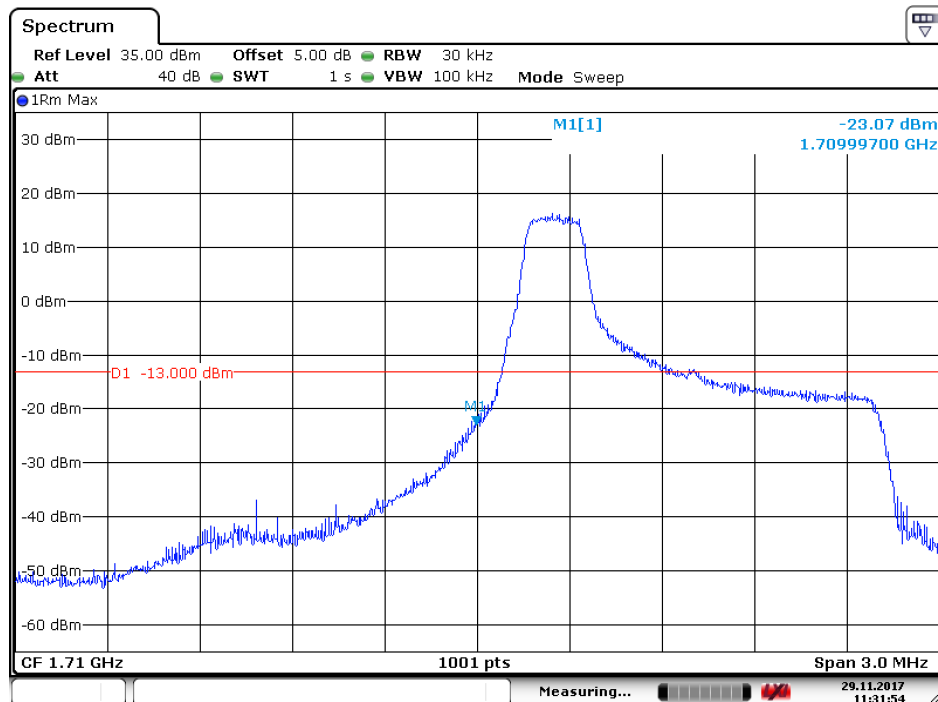
4.1.1.2.3 Test Channel = HCH



Date: 15.NOV.2017 09:44:09

4.1.1.3 Test Mode = LTE/TM3 1.4MHz

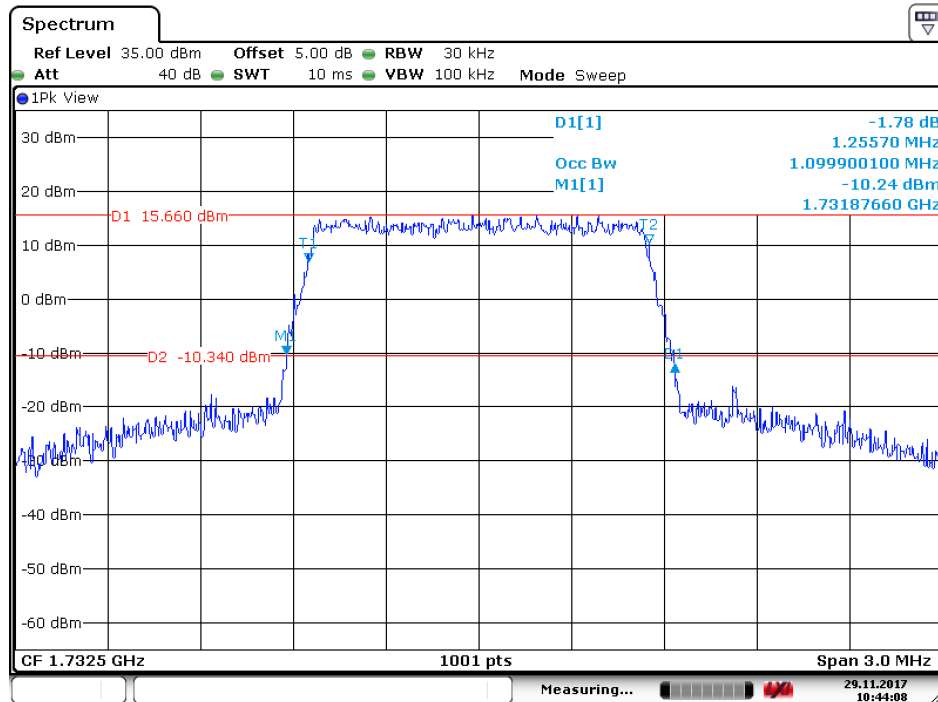
4.1.1.3.1 Test Channel = LCH



Date: 29.NOV.2017 11:31:54

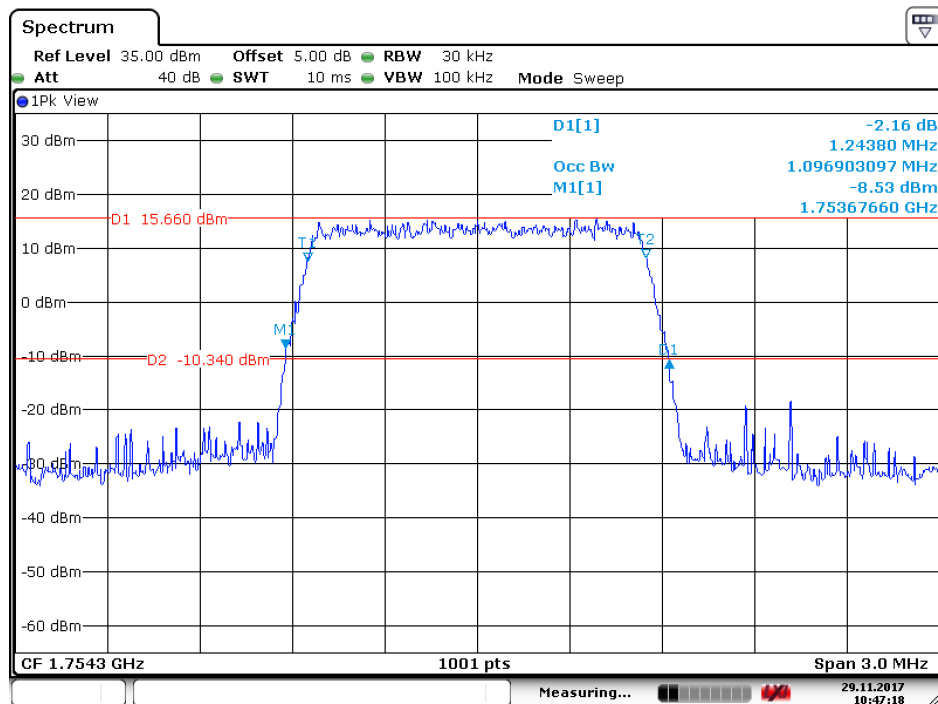


4.1.1.3.2 Test Channel = MCH



Date: 29.NOV.2017 10:44:08

4.1.1.3.3 Test Channel = HCH

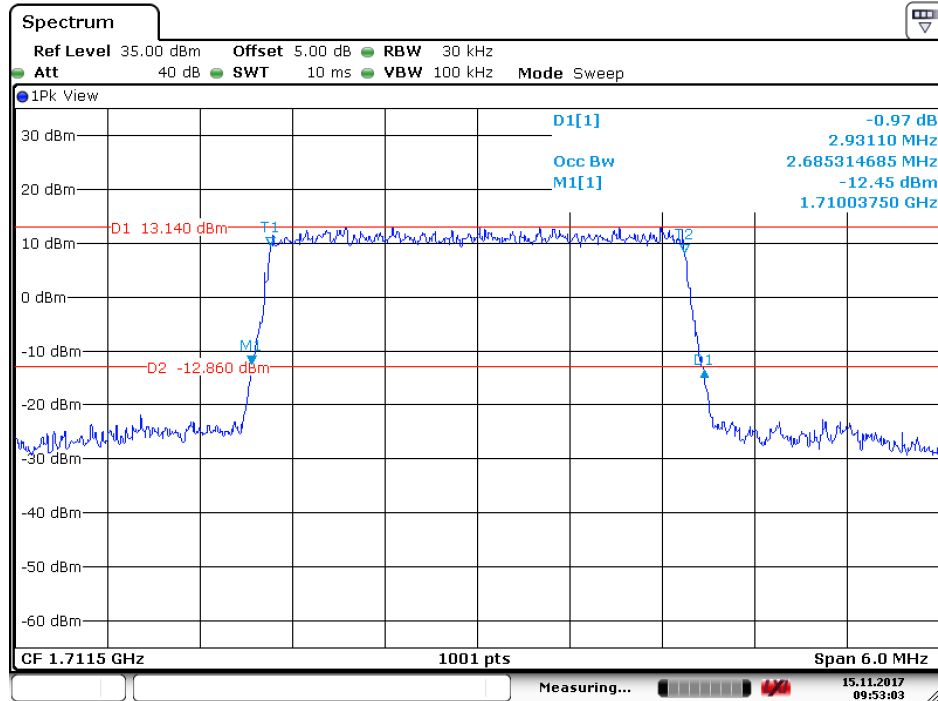


Date: 29.NOV.2017 10:47:18



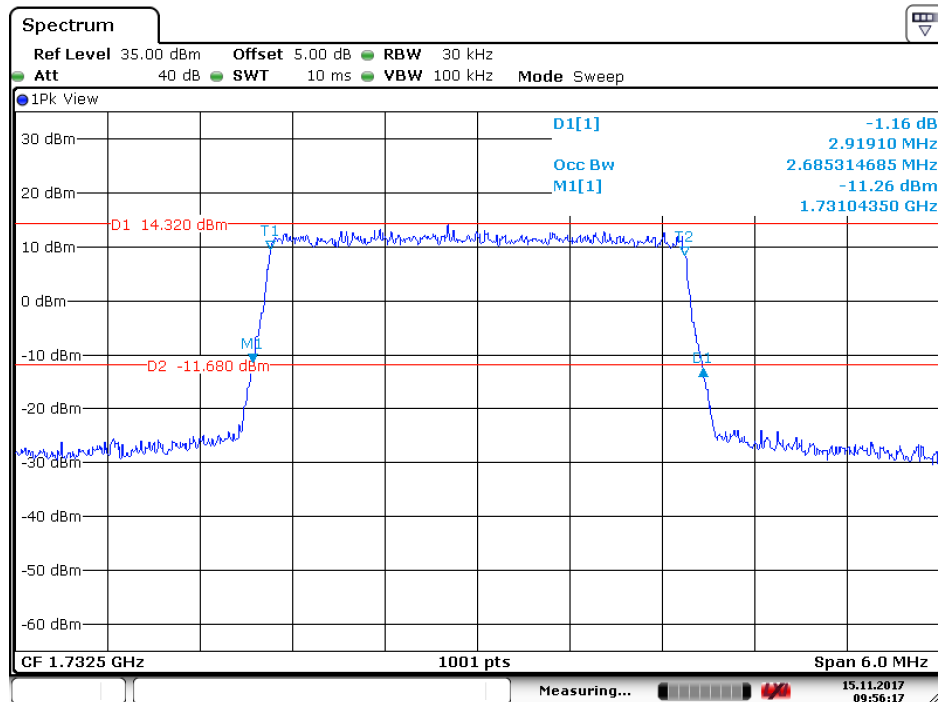
4.1.1.4 Test Mode = LTE/TM1 3MHz

4.1.1.4.1 Test Channel = LCH



Date: 15.NOV.2017 09:53:04

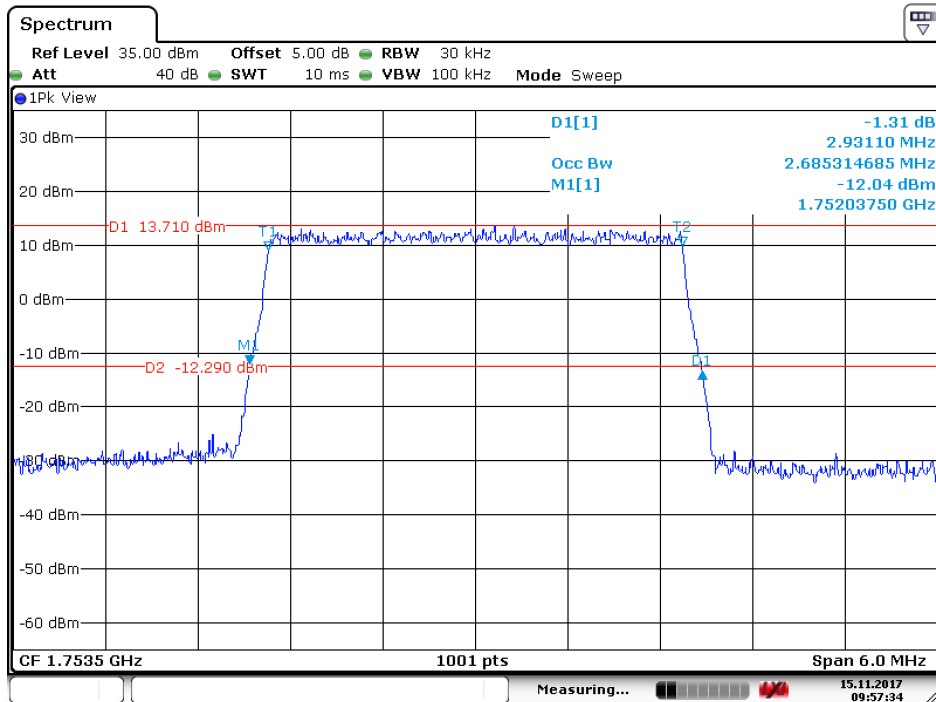
4.1.1.4.2 Test Channel = MCH



Date: 15.NOV.2017 09:56:18



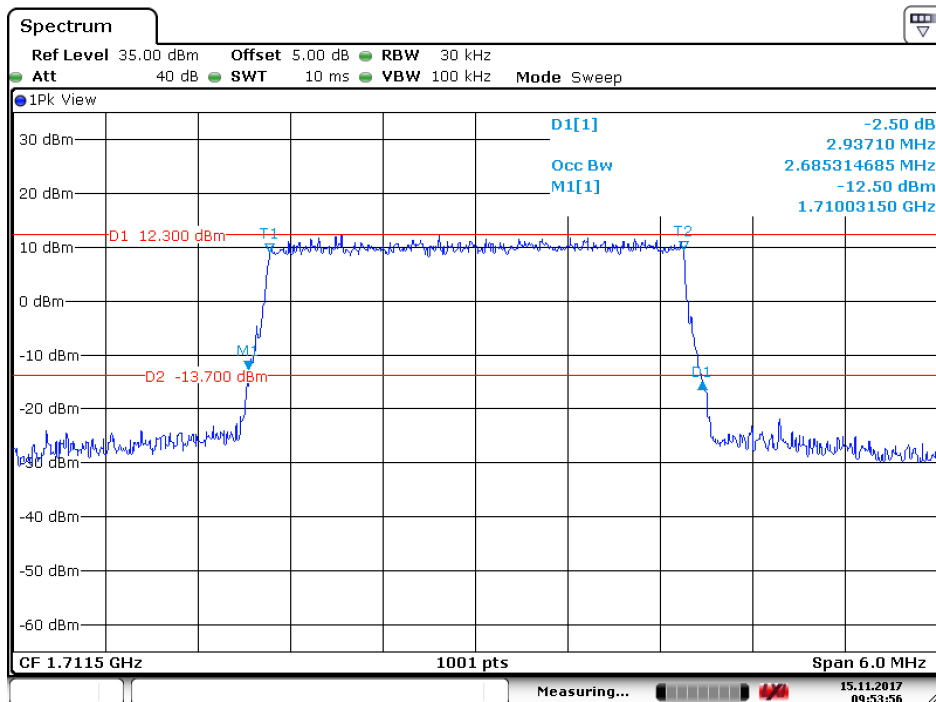
4.1.1.4.3 Test Channel = HCH



Date: 15.NOV.2017 09:57:34

4.1.1.5 Test Mode = LTE/TM2 3MHz

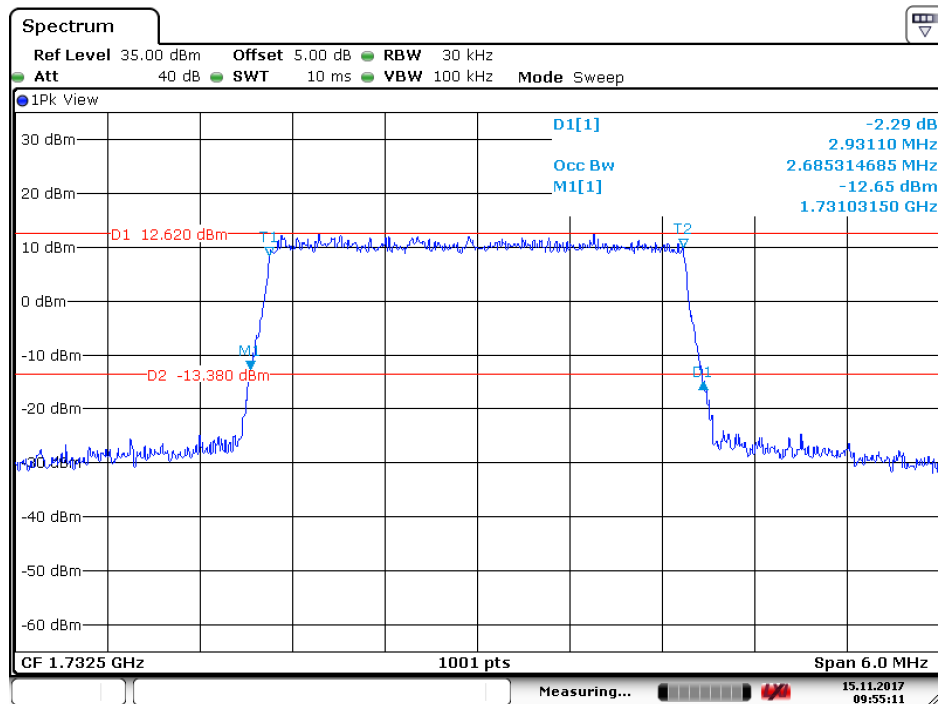
4.1.1.5.1 Test Channel = LCH



Date: 15.NOV.2017 09:53:56

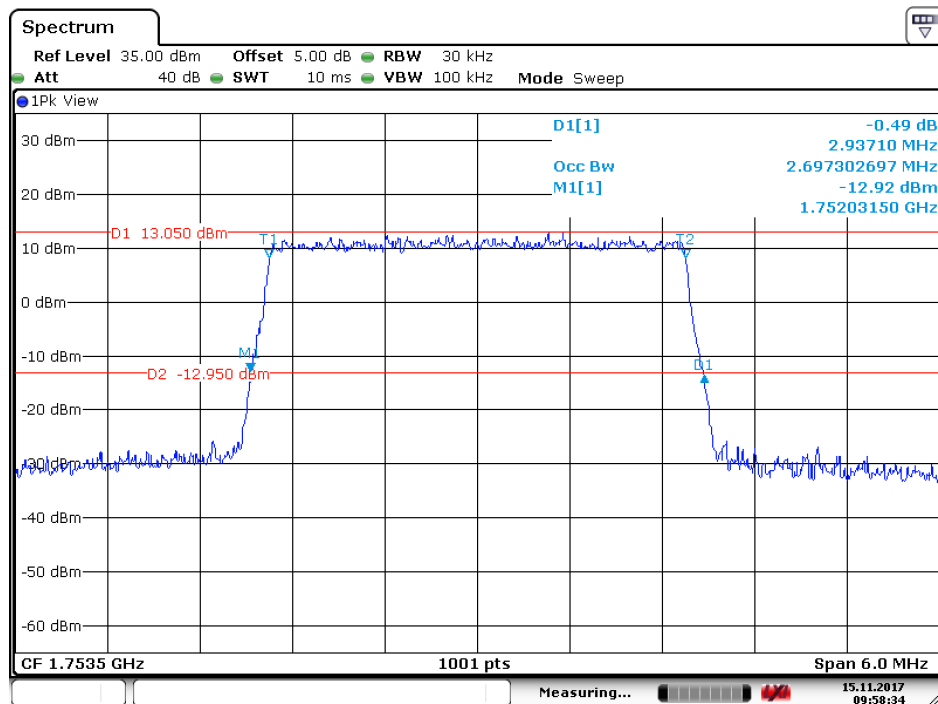


4.1.1.5.2 Test Channel = MCH



Date: 15.NOV.2017 09:55:12

4.1.1.5.3 Test Channel = HCH

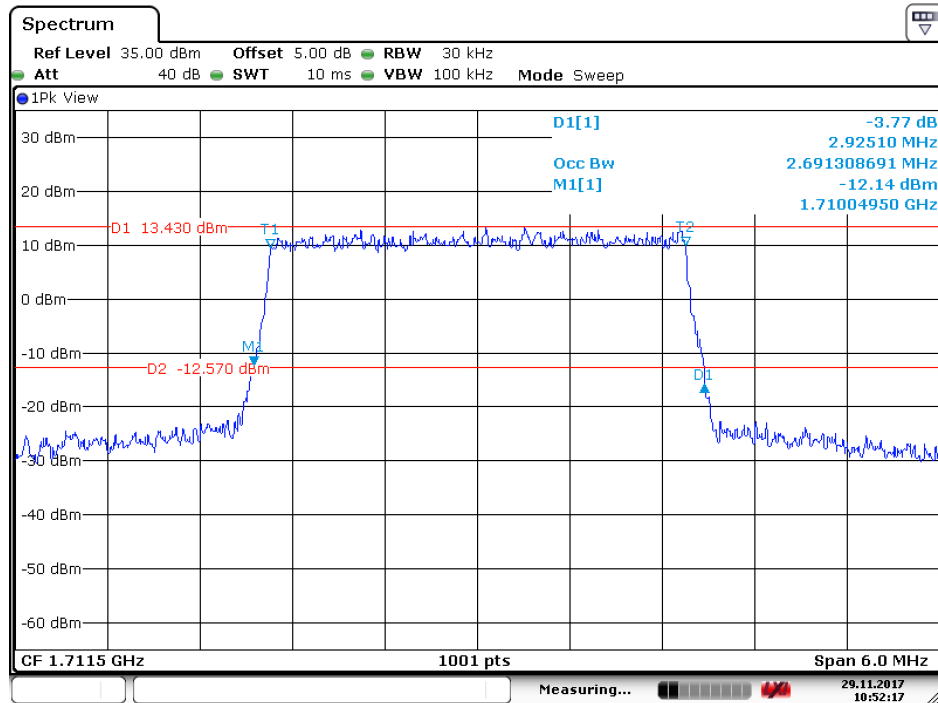


Date: 15.NOV.2017 09:58:34



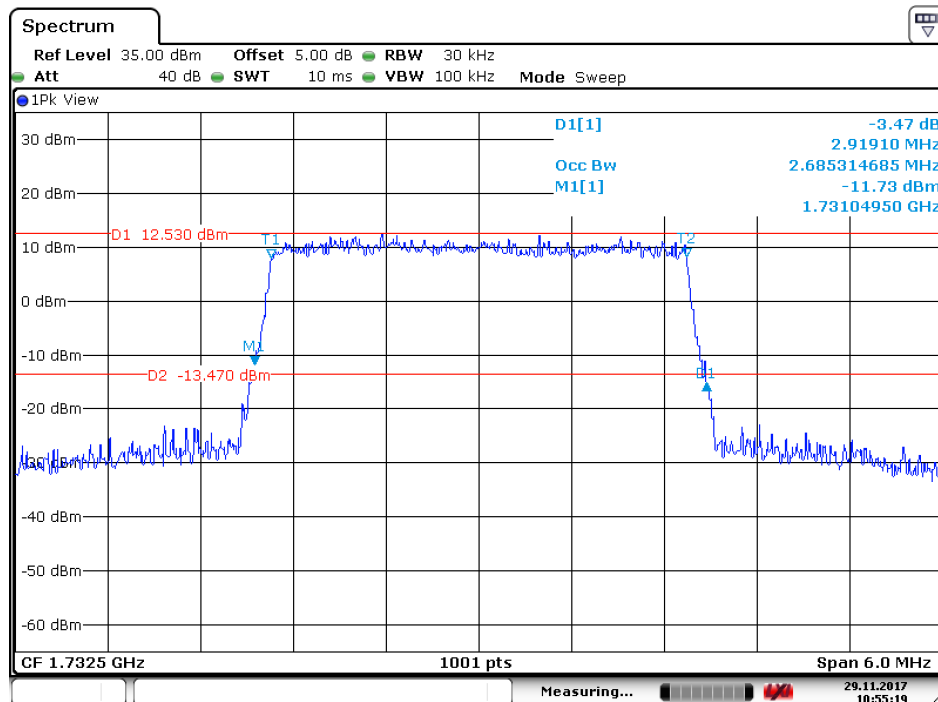
4.1.1.6 Test Mode = LTE/TM3 3MHz

4.1.1.6.1 Test Channel = LCH



Date: 29.NOV.2017 10:52:18

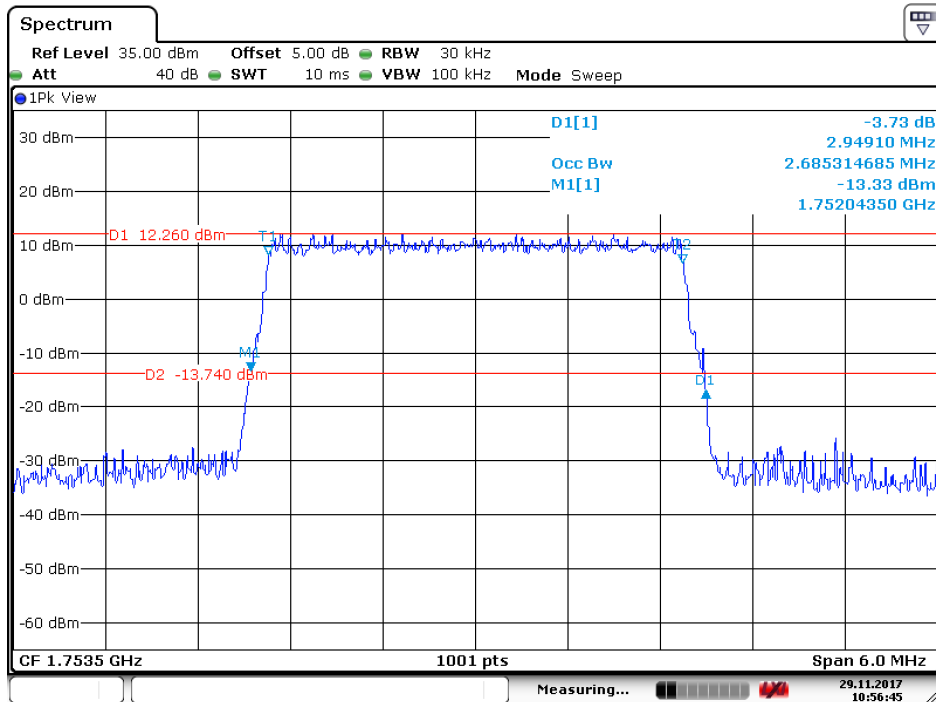
4.1.1.6.2 Test Channel = MCH



Date: 29.NOV.2017 10:55:19



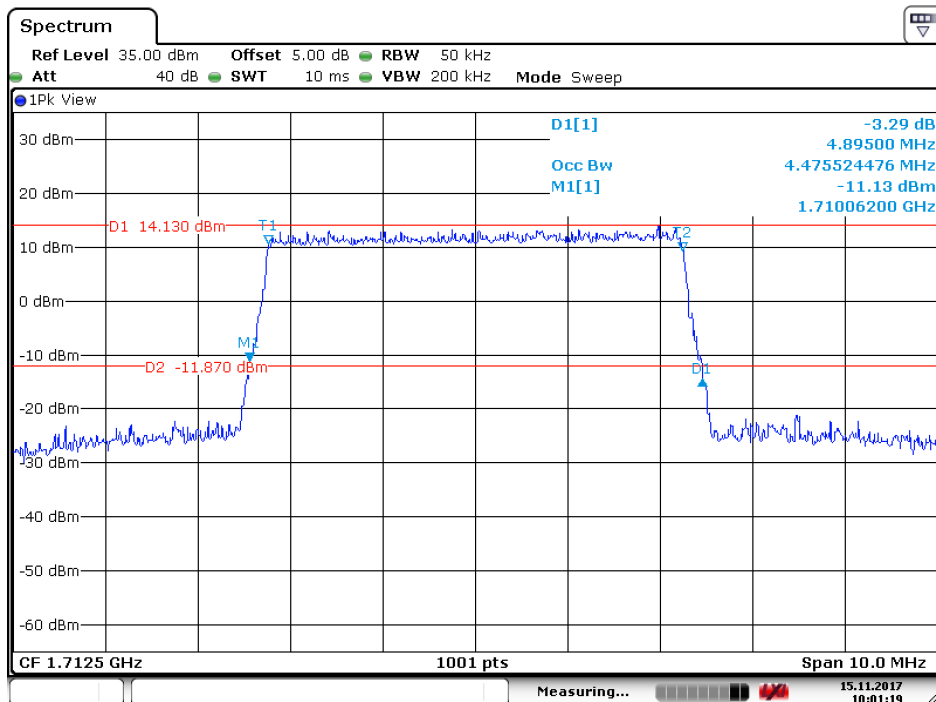
4.1.1.6.3 Test Channel = HCH



Date: 29.NOV.2017 10:56:46

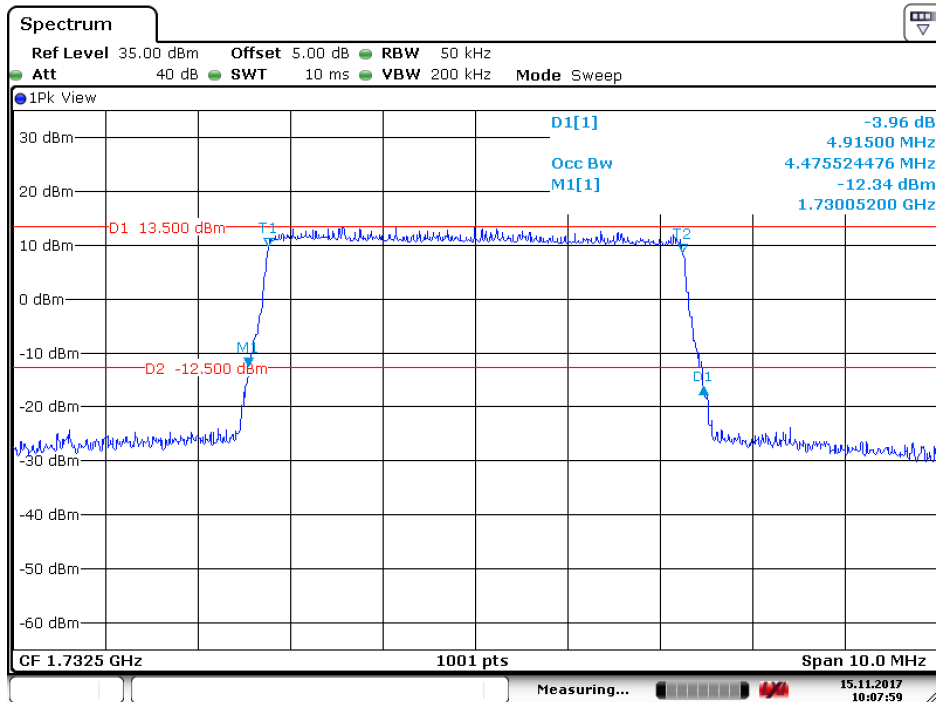
4.1.1.7 Test Mode = LTE/TM1 5MHz

4.1.1.7.1 Test Channel = LCH



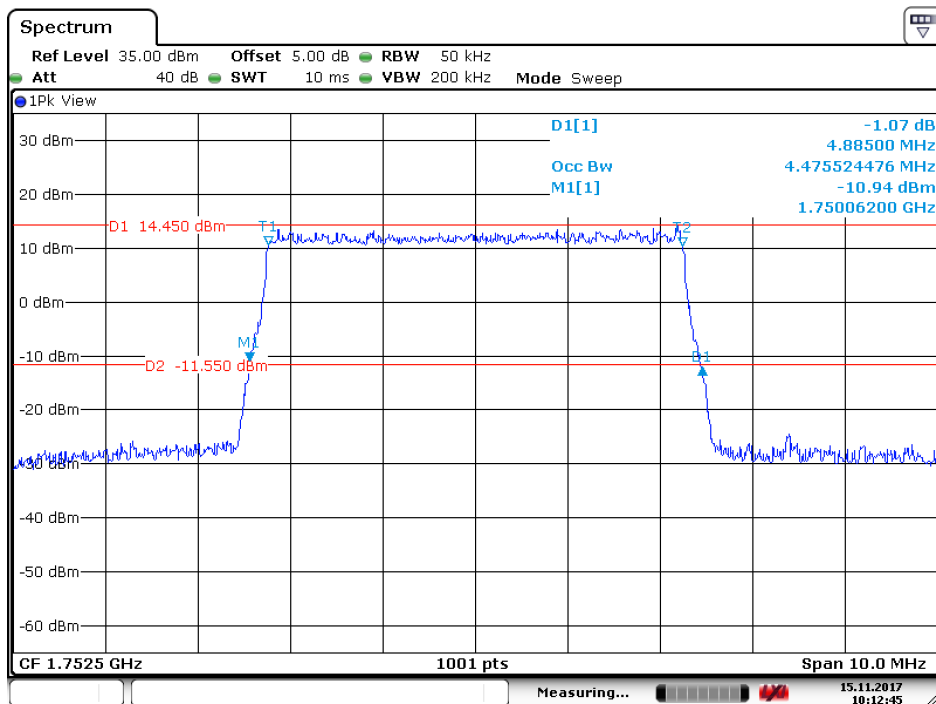
Date: 15.NOV.2017 10:01:19

4.1.1.7.2 Test Channel = MCH



Date: 15.NOV.2017 10:07:59

4.1.1.7.3 Test Channel = HCH

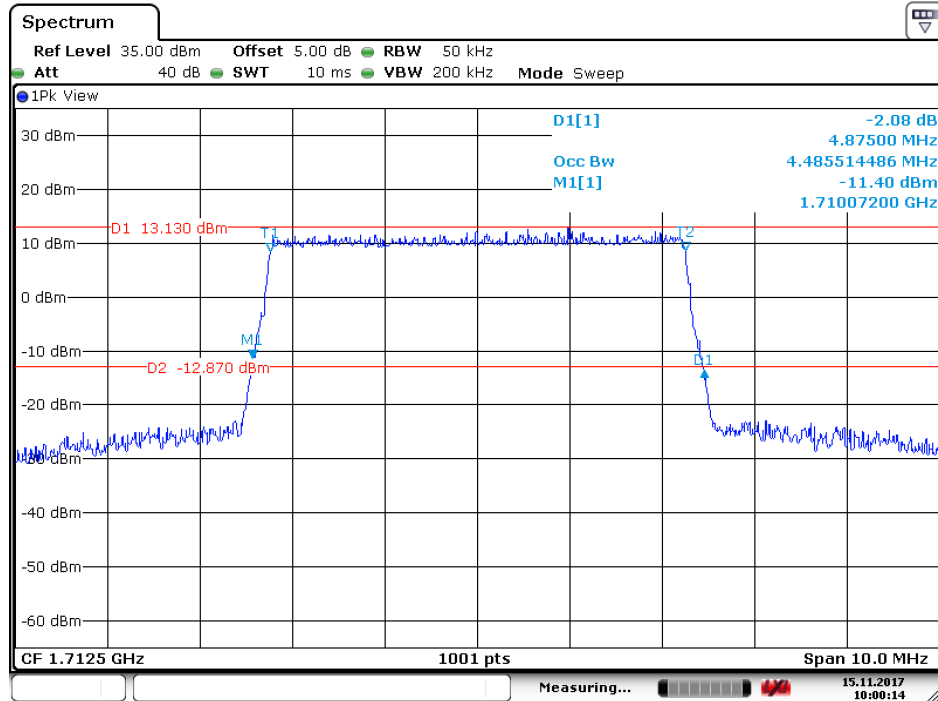


Date: 15.NOV.2017 10:12:46



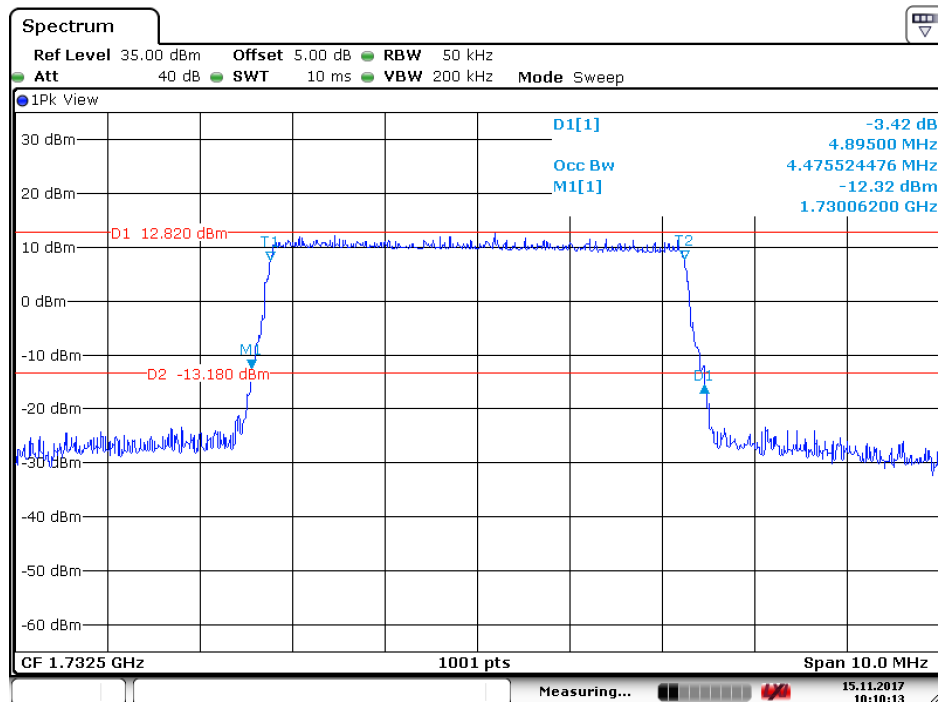
4.1.1.8 Test Mode = LTE/TM2 5MHz

4.1.1.8.1 Test Channel = LCH



Date: 15.NOV.2017 10:00:14

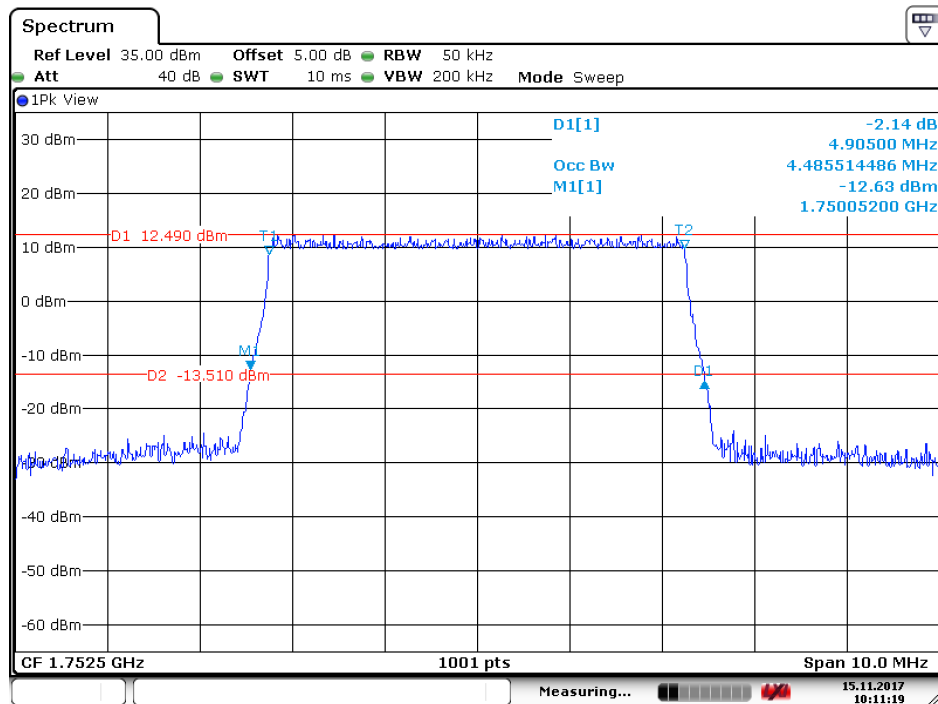
4.1.1.8.2 Test Channel = MCH



Date: 15.NOV.2017 10:10:13



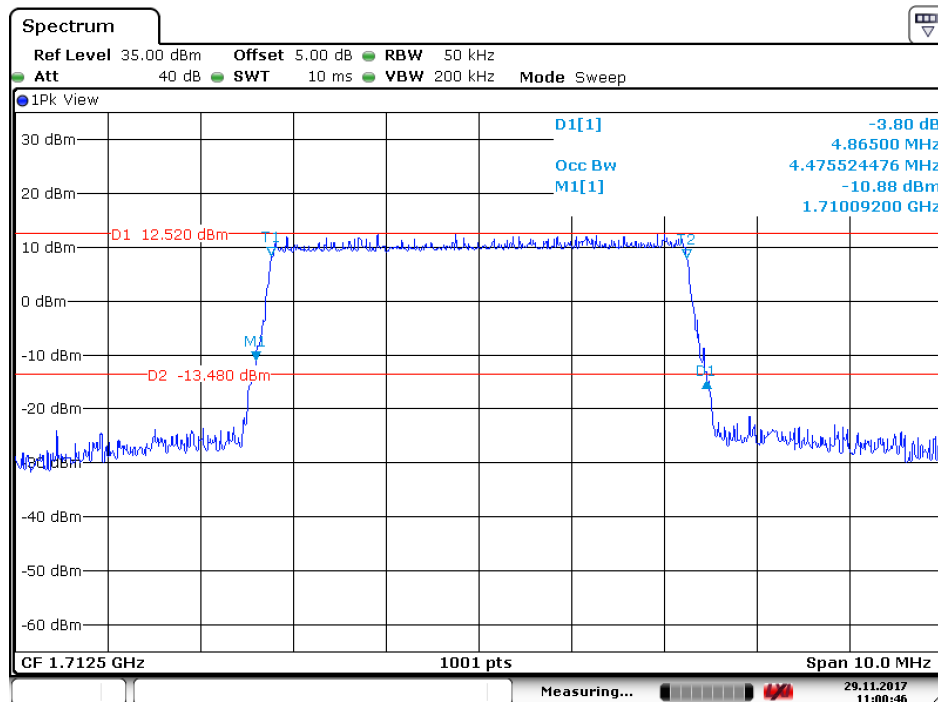
4.1.1.8.3 Test Channel = HCH



Date: 15.NOV.2017 10:11:19

4.1.1.9 Test Mode = LTE/TM3 5MHz

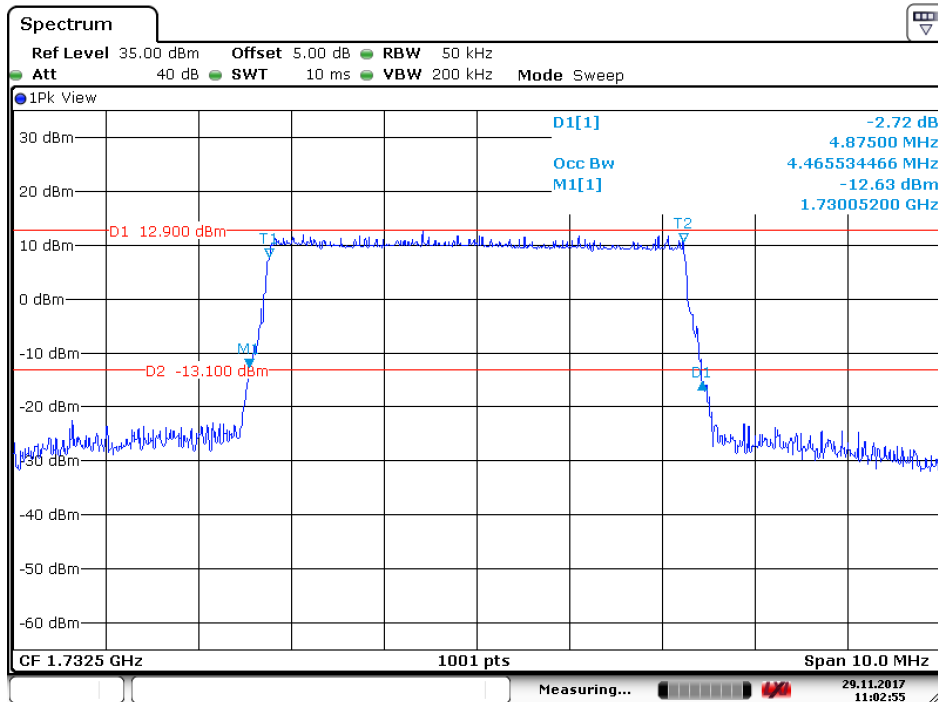
4.1.1.9.1 Test Channel = LCH



Date: 29.NOV.2017 11:00:46

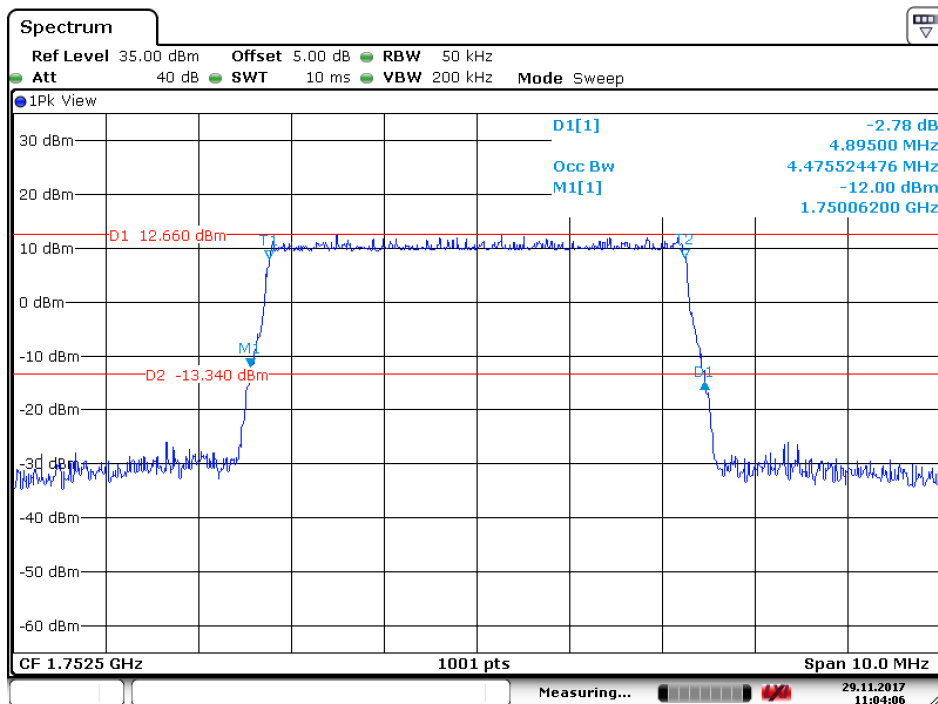


4.1.1.9.2 Test Channel = MCH



Date: 29.NOV.2017 11:02:55

4.1.1.9.3 Test Channel = HCH

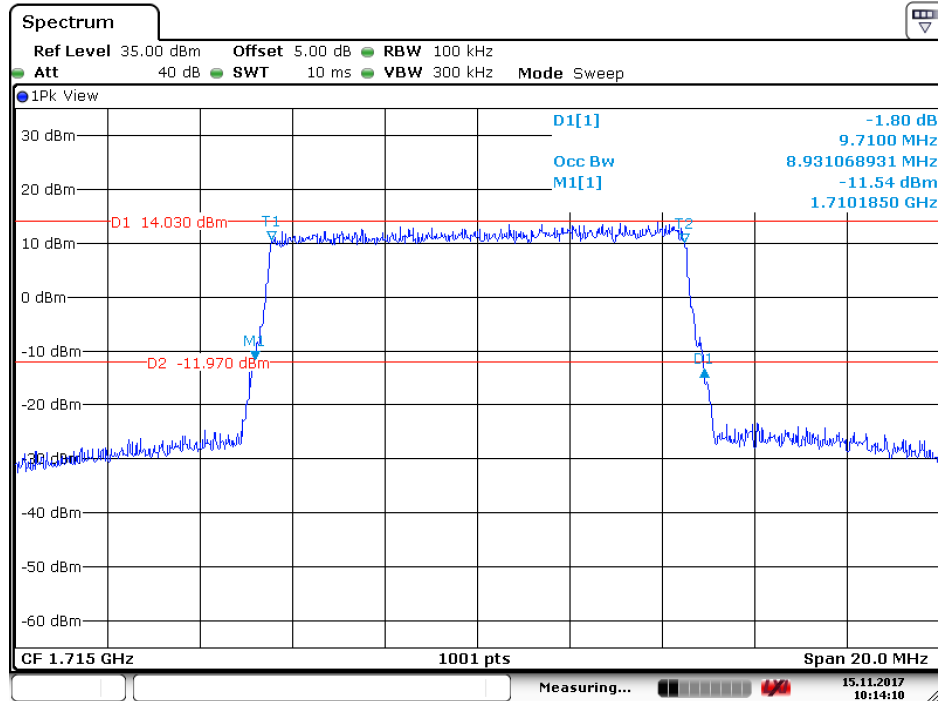


Date: 29.NOV.2017 11:04:06



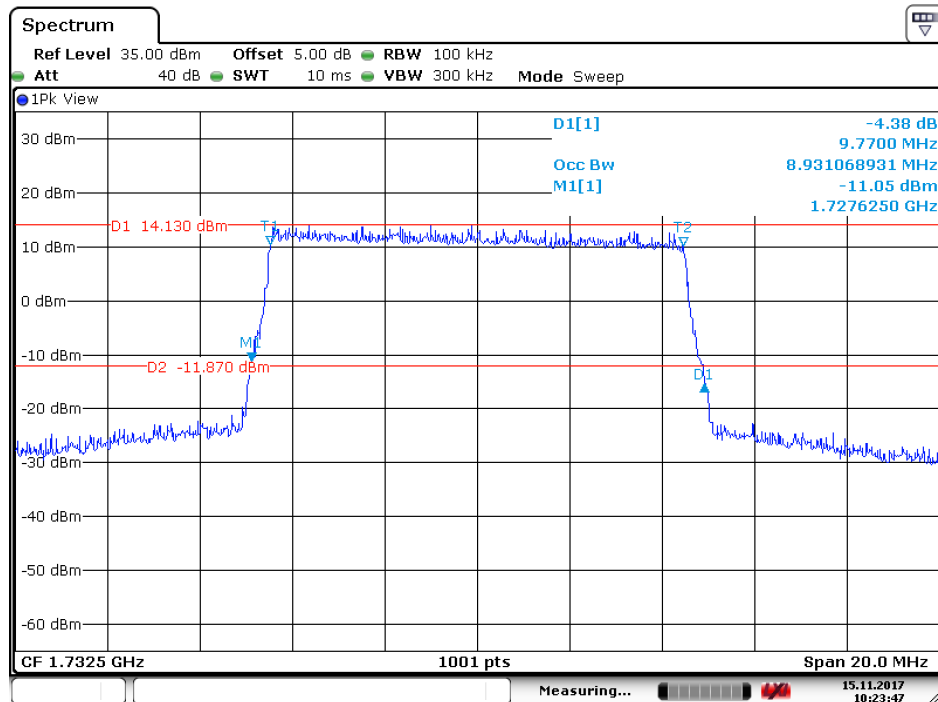
4.1.1.10 Test Mode = LTE/TM1 10MHz

4.1.1.10.1 Test Channel = LCH



Date: 15.NOV.2017 10:14:10

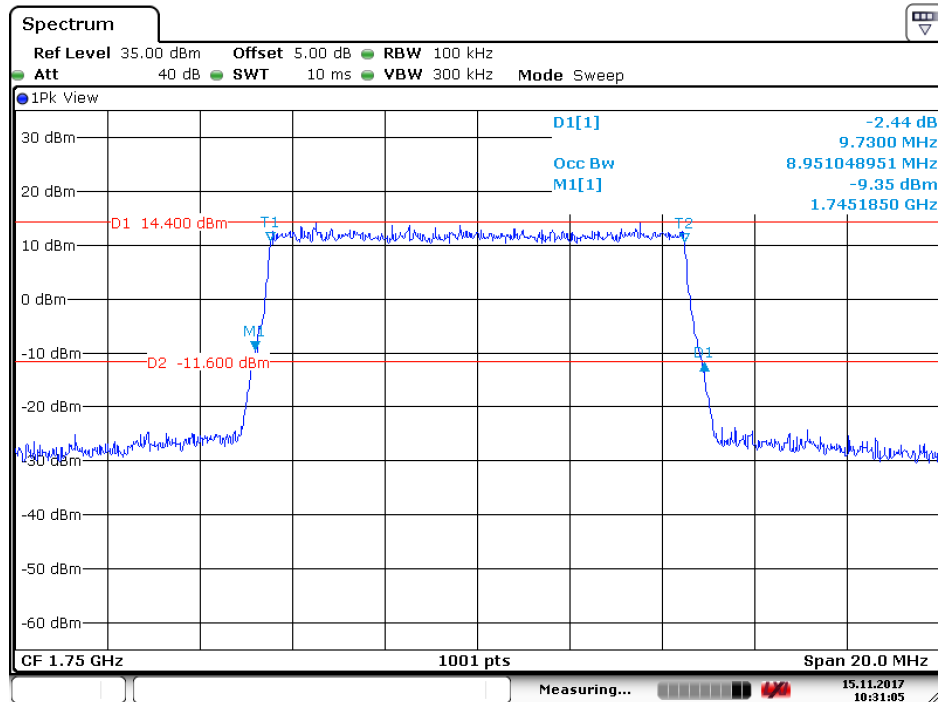
4.1.1.10.2 Test Channel = MCH



Date: 15.NOV.2017 10:23:48



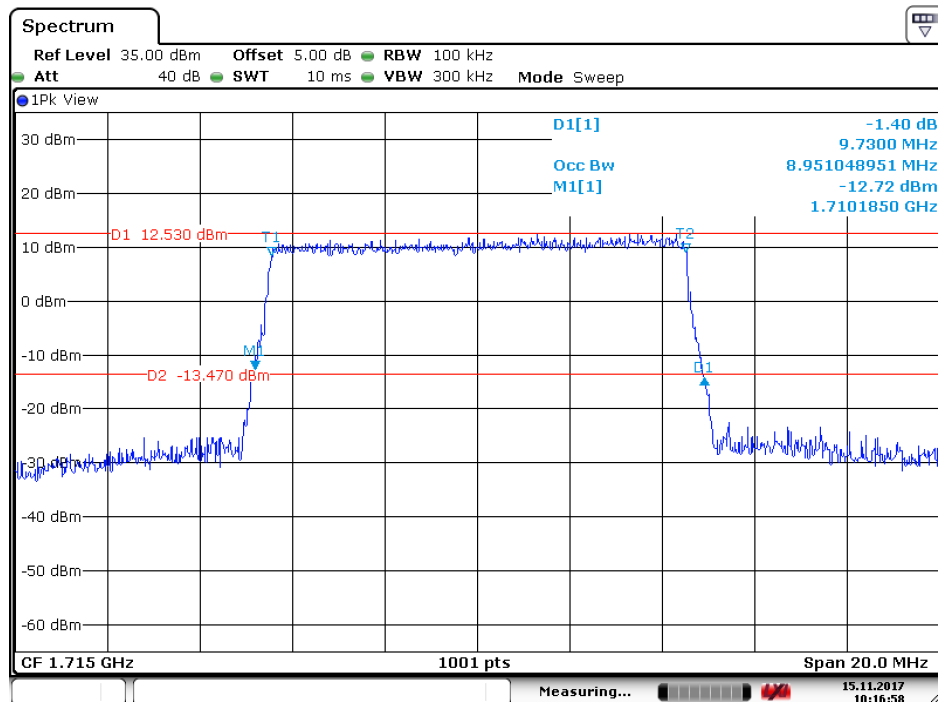
4.1.1.10.3 Test Channel = HCH



Date: 15.NOV.2017 10:31:05

4.1.1.11 Test Mode = LTE/TM2 10MHz

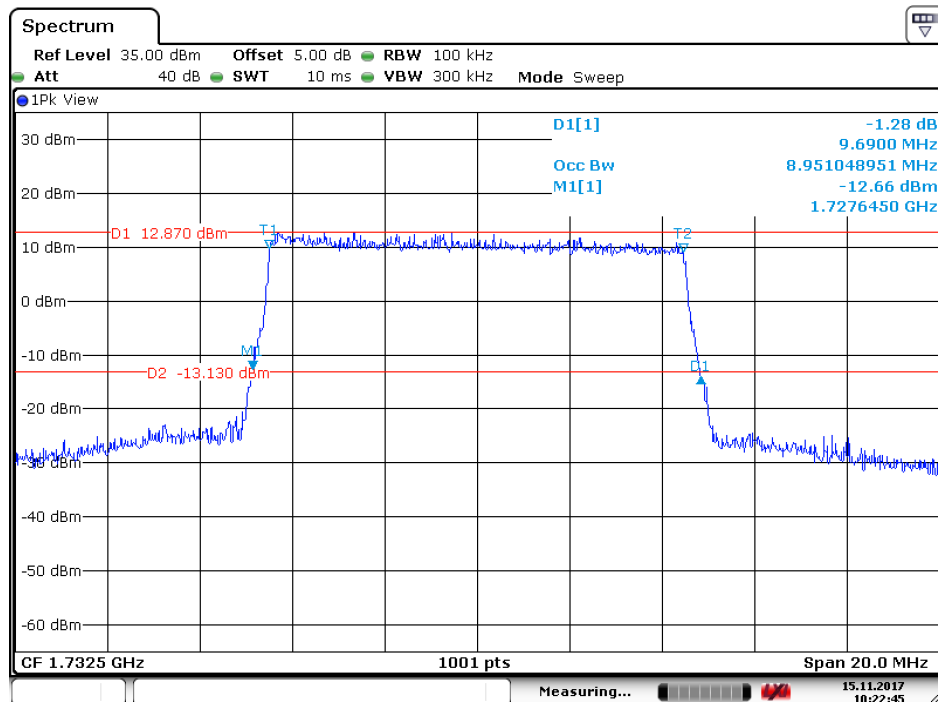
4.1.1.11.1 Test Channel = LCH



Date: 15.NOV.2017 10:16:59

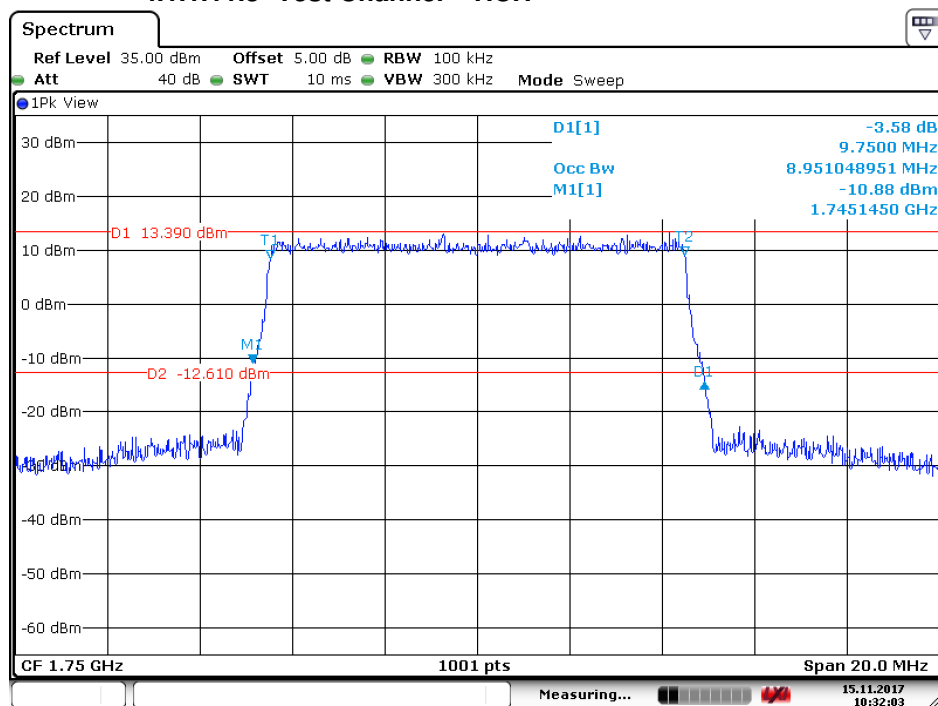


4.1.1.11.2 Test Channel = MCH



Date: 15.NOV.2017 10:22:45

4.1.1.11.3 Test Channel = HCH

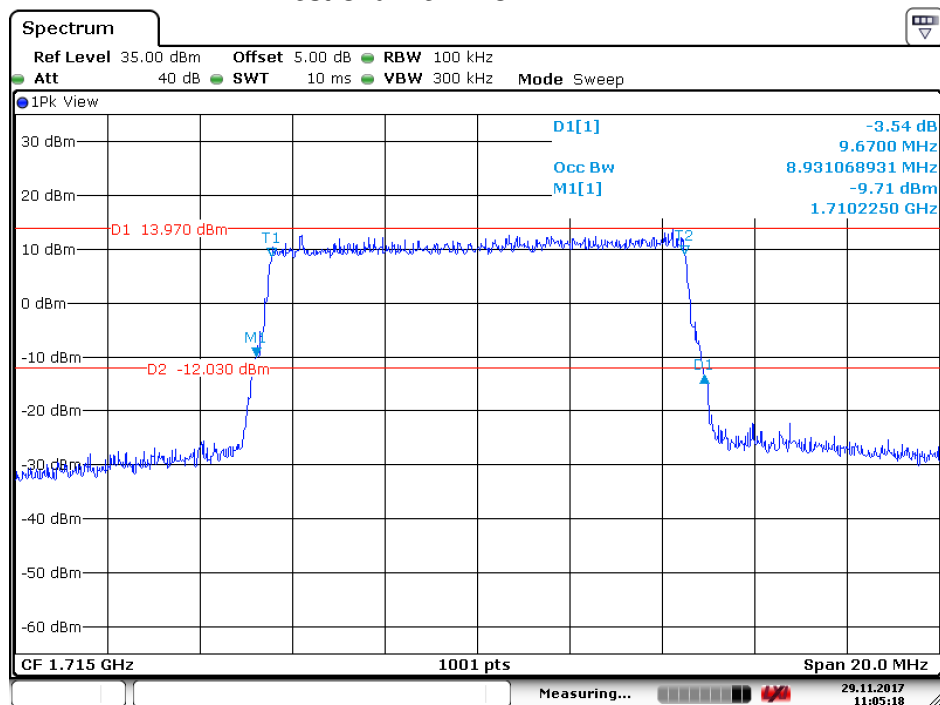


Date: 15.NOV.2017 10:32:03



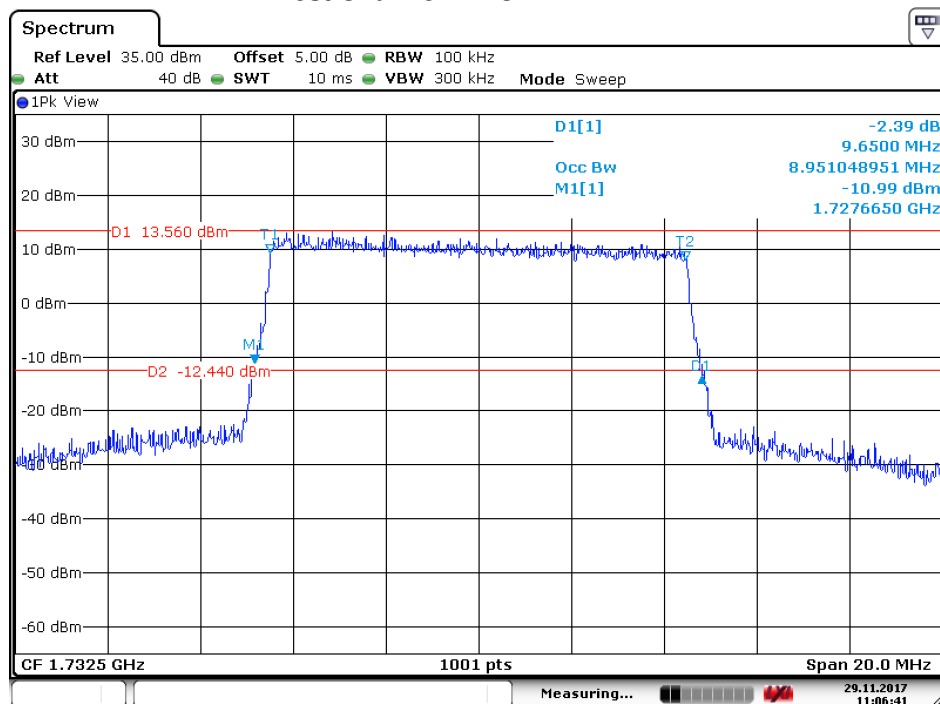
4.1.1.12 Test Mode = LTE/TM3 10MHz

4.1.1.12.1 Test Channel = LCH



Date: 29.NOV.2017 11:05:18

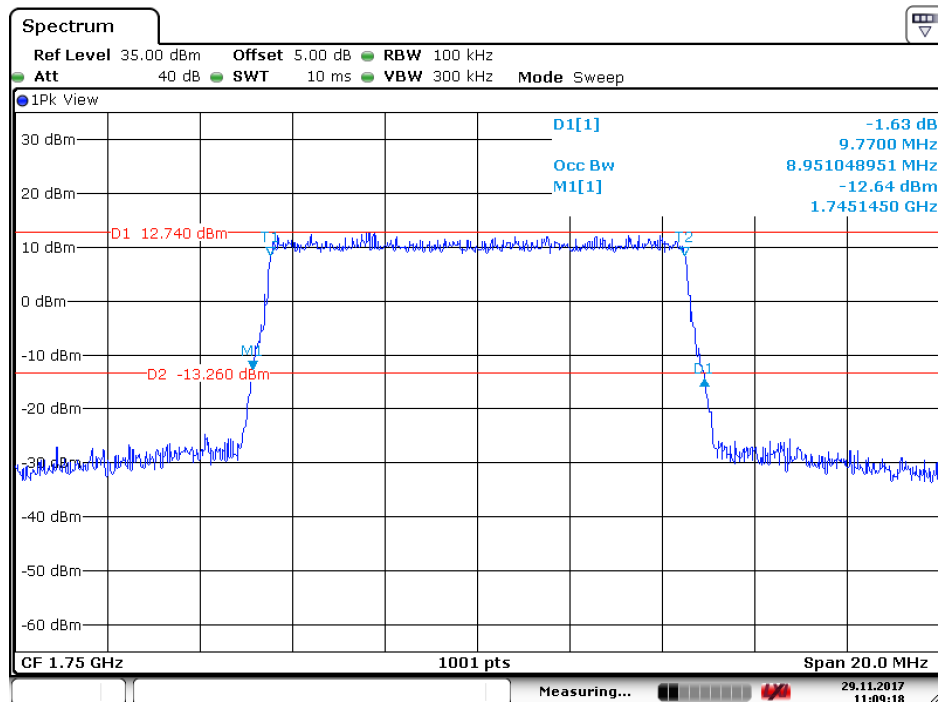
4.1.1.12.2 Test Channel = MCH



Date: 29.NOV.2017 11:06:41



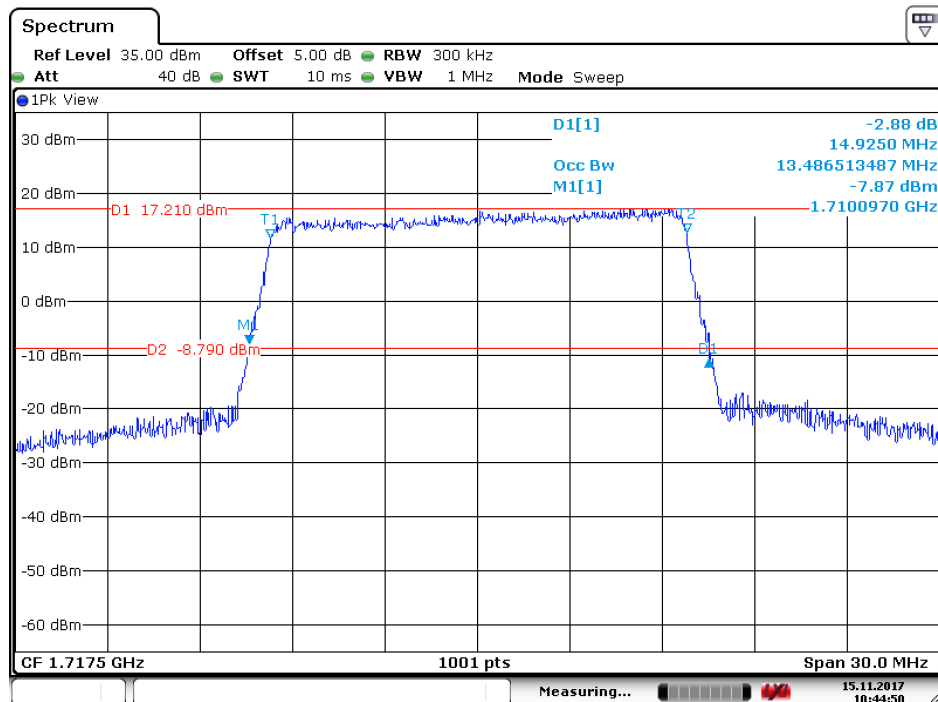
4.1.1.12.3 Test Channel = HCH



Date: 29.NOV.2017 11:09:18

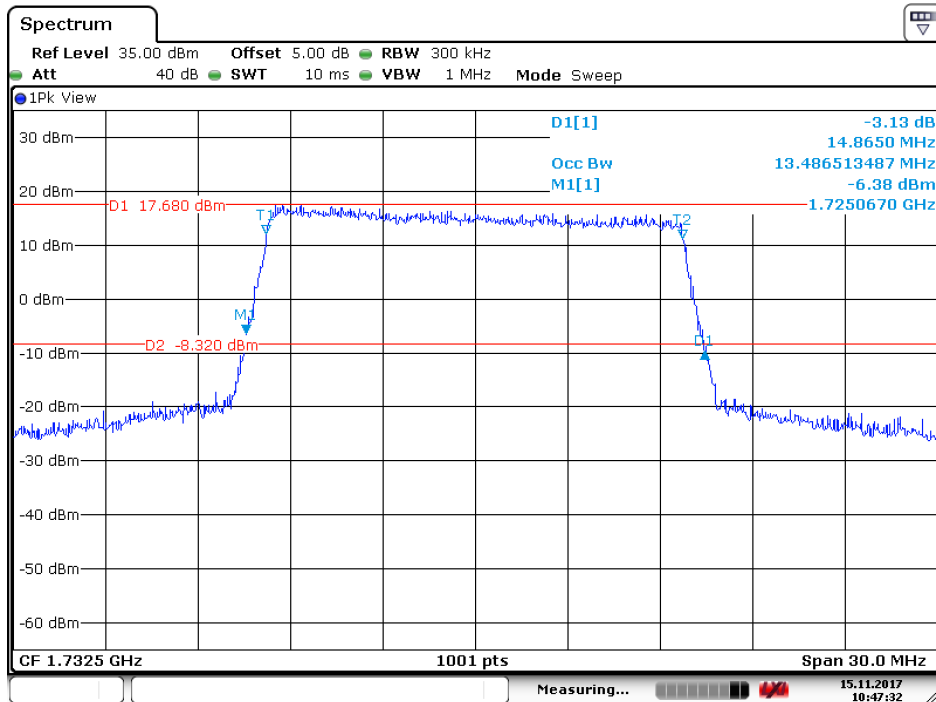
4.1.1.13 Test Mode = LTE/TM1 15MHz

4.1.1.13.1 Test Channel = LCH



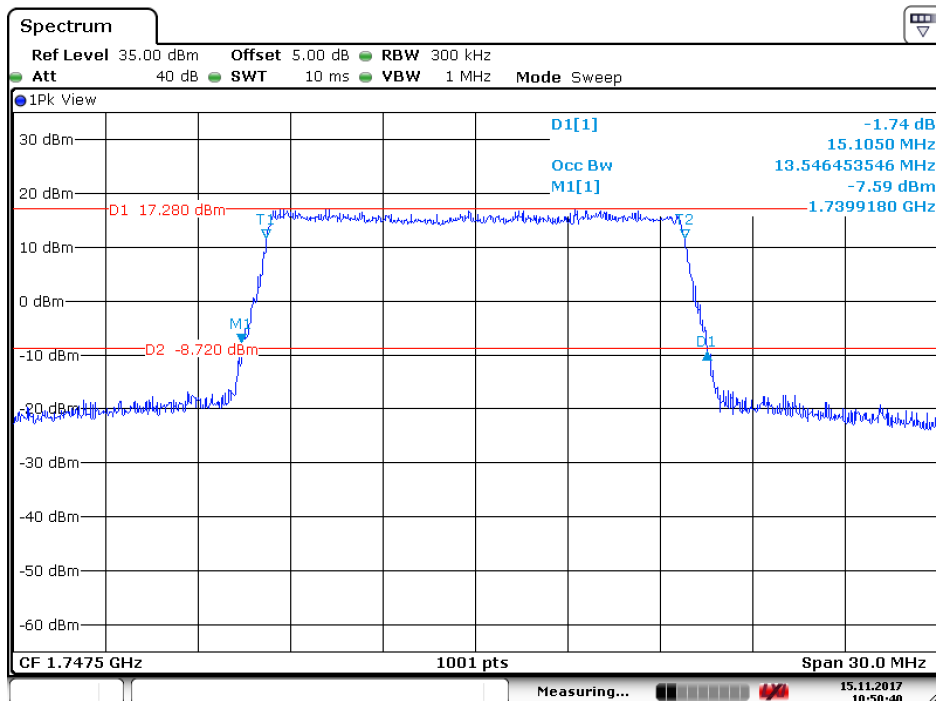
Date: 15.NOV.2017 10:44:51

4.1.1.13.2 Test Channel = MCH



Date: 15.NOV.2017 10:47:32

4.1.1.13.3 Test Channel = HCH

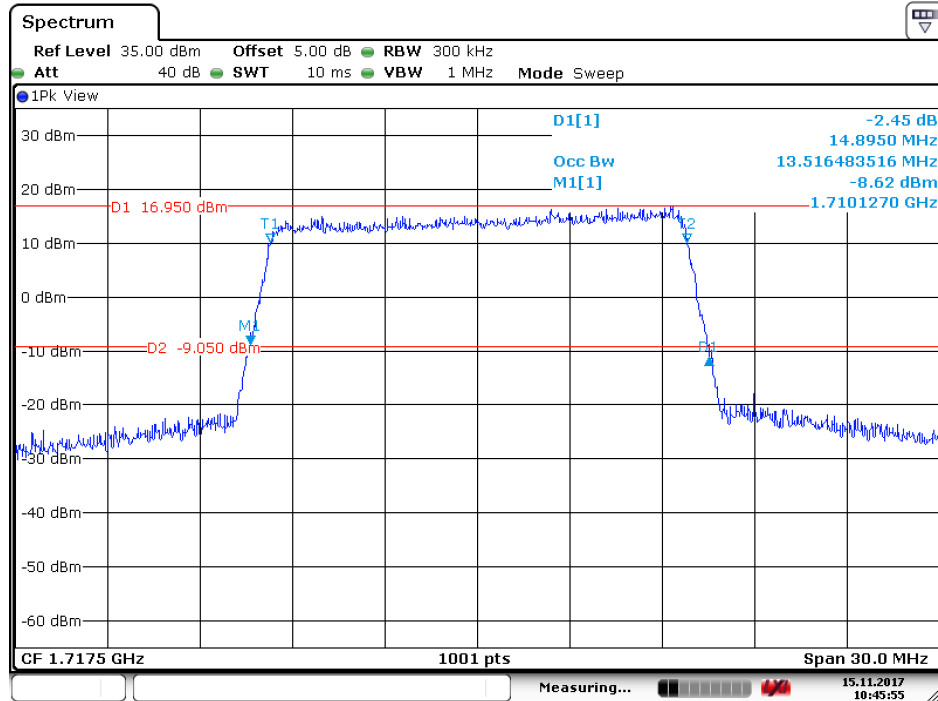


Date: 15.NOV.2017 10:50:41



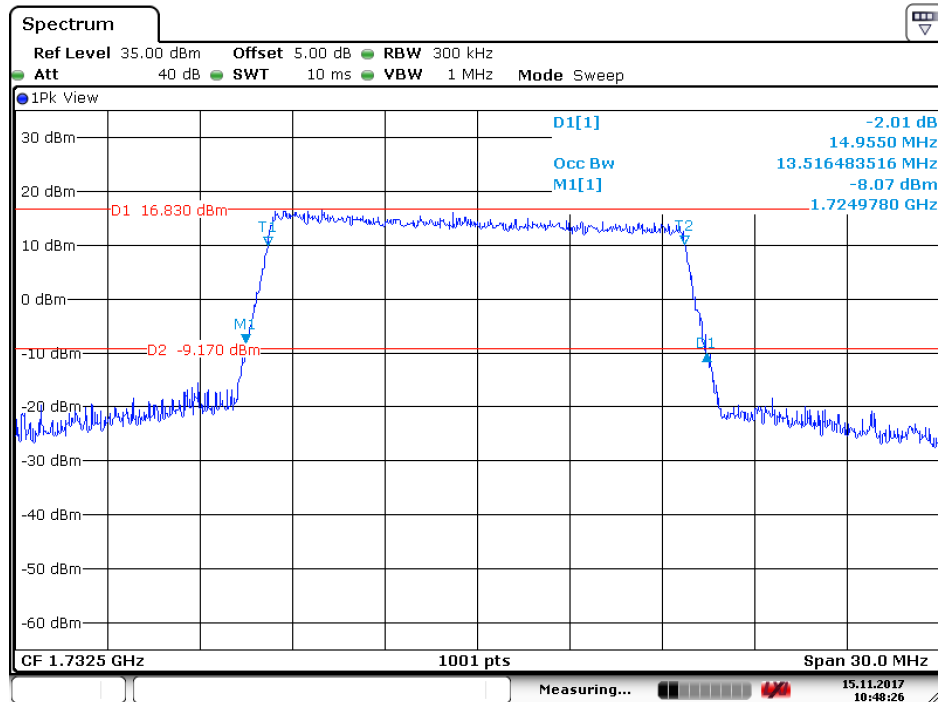
4.1.1.14 Test Mode = LTE/TM2 15MHz

4.1.1.14.1 Test Channel = LCH



Date: 15.NOV.2017 10:45:56

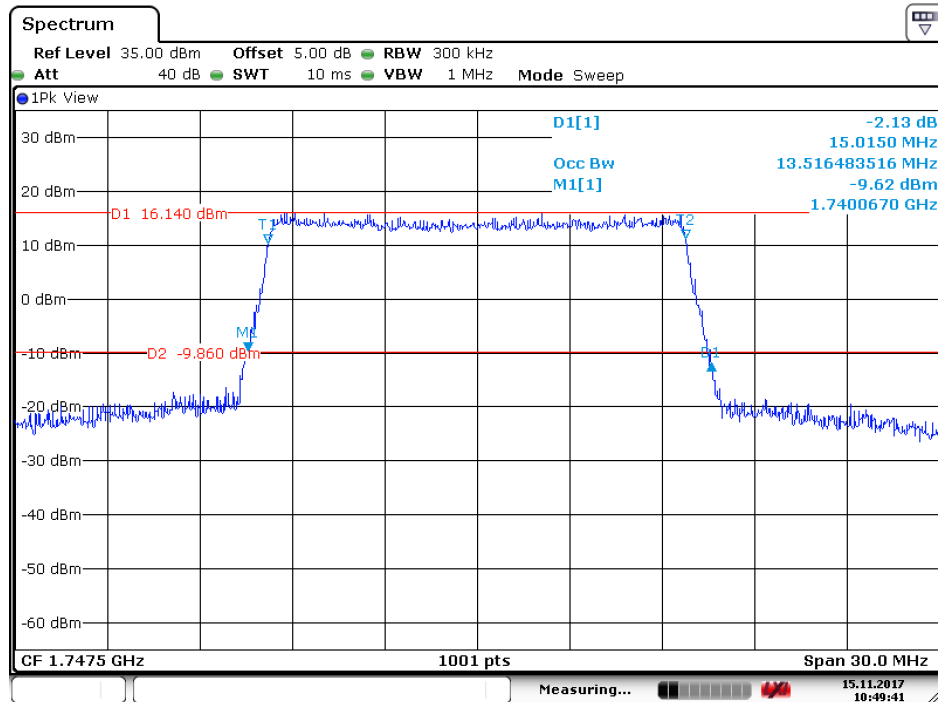
4.1.1.14.2 Test Channel = MCH



Date: 15.NOV.2017 10:48:26



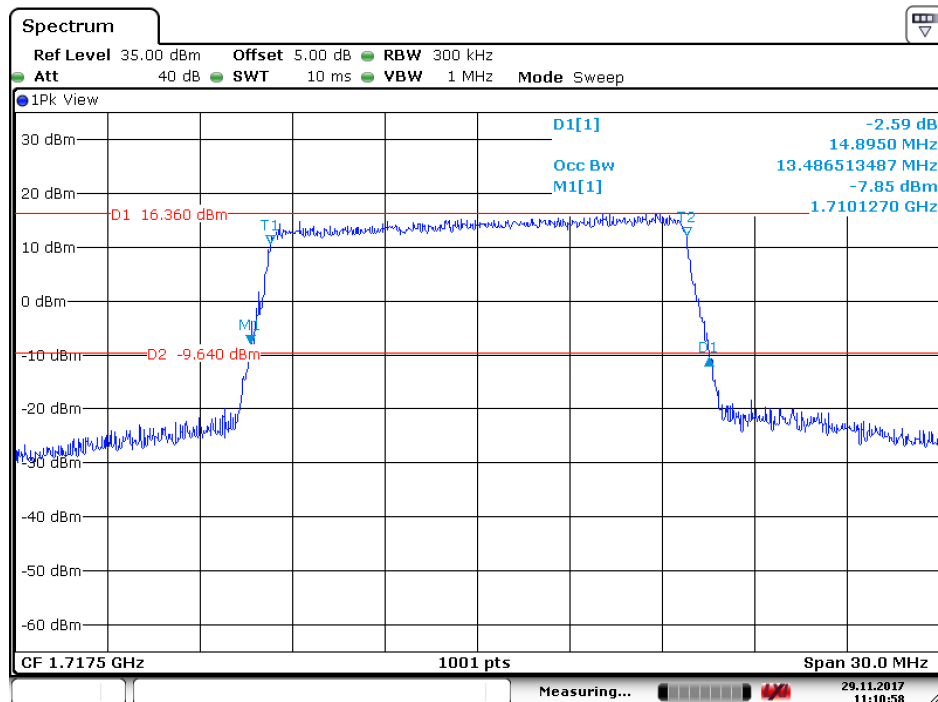
4.1.1.14.3 Test Channel = HCH



Date: 15.NOV.2017 10:49:42

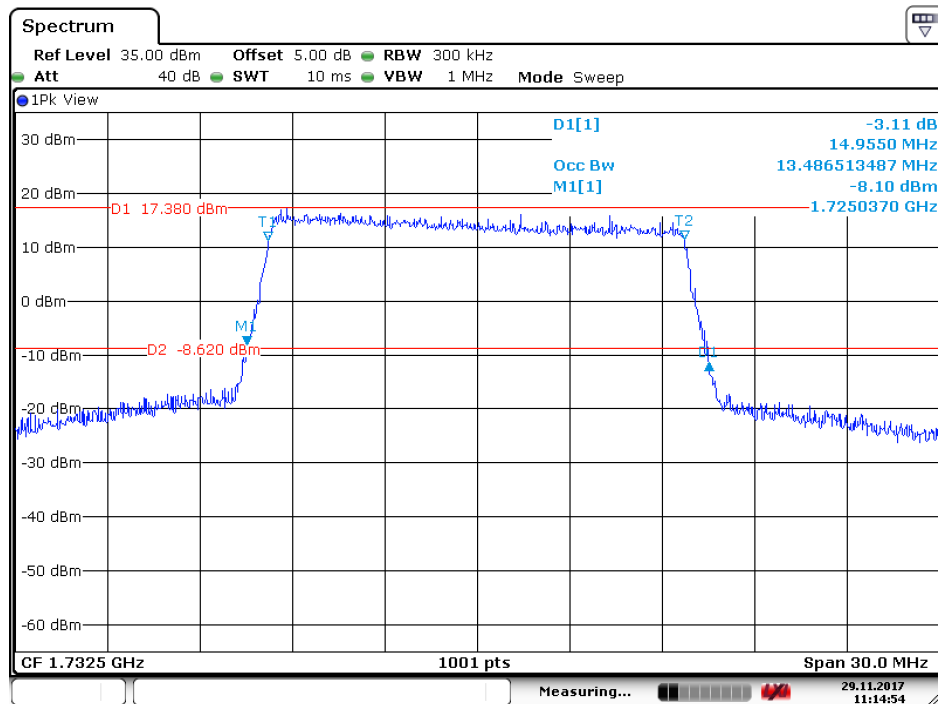
4.1.1.15 Test Mode = LTE/TM3 15MHz

4.1.1.15.1 Test Channel = LCH



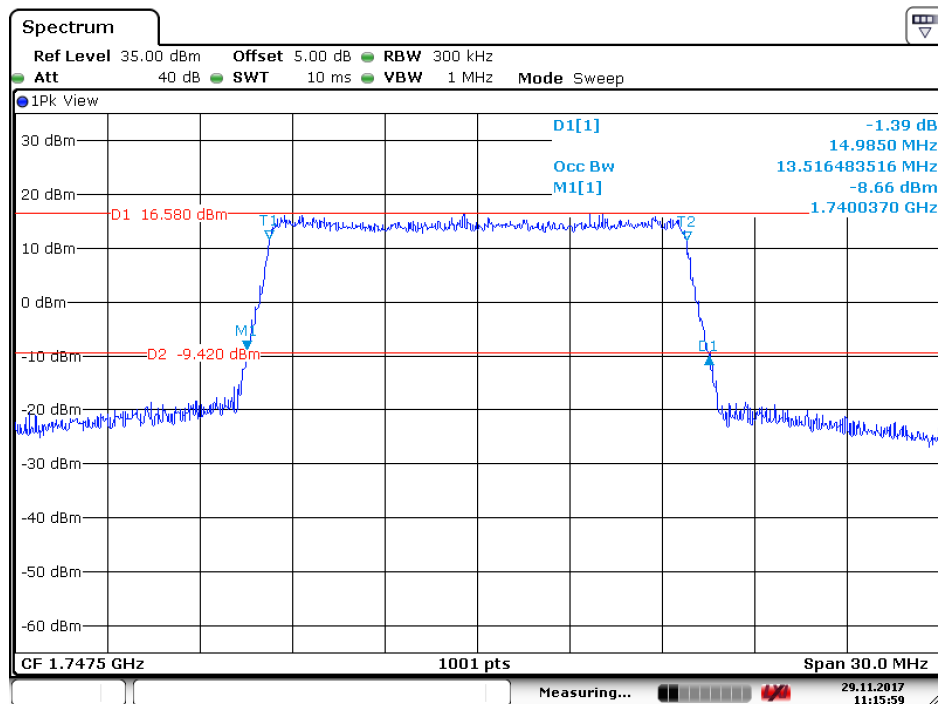
Date: 29.NOV.2017 11:10:58

4.1.1.15.2 Test Channel = MCH



Date: 29.NOV.2017 11:14:54

4.1.1.15.3 Test Channel = HCH



Date: 29.NOV.2017 11:16:00