



Appendix B

Test Data for SZEM170100023101



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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	18.66	21.56	30.00	PASS
				RB1#2	18.69	21.59	30.00	PASS
				RB1#5	18.64	21.54	30.00	PASS
				RB3#0	18.70	21.60	30.00	PASS
				RB3#2	18.72	21.62	30.00	PASS
				RB3#3	18.65	21.55	30.00	PASS
				RB6#0	18.70	21.60	30.00	PASS
			MCH	RB1#0	18.62	21.52	30.00	PASS
				RB1#2	18.70	21.60	30.00	PASS
				RB1#5	18.63	21.53	30.00	PASS
				RB3#0	18.67	21.57	30.00	PASS
				RB3#2	18.71	21.61	30.00	PASS
				RB3#3	18.69	21.59	30.00	PASS
				RB6#0	18.69	21.59	30.00	PASS
			HCH	RB1#0	18.57	21.47	30.00	PASS
				RB1#2	18.63	21.53	30.00	PASS
				RB1#5	18.58	21.48	30.00	PASS
				RB3#0	18.64	21.54	30.00	PASS
				RB3#2	18.66	21.56	30.00	PASS
				RB3#3	18.62	21.52	30.00	PASS
				RB6#0	18.62	21.52	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	18.87	21.77	30.00	PASS
				RB1#2	18.96	21.86	30.00	PASS
				RB1#5	18.85	21.75	30.00	PASS
				RB3#0	18.72	21.62	30.00	PASS
				RB3#2	18.73	21.63	30.00	PASS
				RB3#3	18.72	21.62	30.00	PASS
				RB6#0	18.73	21.63	30.00	PASS
			MCH	RB1#0	18.93	21.83	30.00	PASS
				RB1#2	18.97	21.87	30.00	PASS
				RB1#5	18.90	21.80	30.00	PASS
				RB3#0	18.71	21.61	30.00	PASS
				RB3#2	18.77	21.67	30.00	PASS
				RB3#3	18.69	21.59	30.00	PASS
				RB6#0	18.74	21.64	30.00	PASS
			HCH	RB1#0	18.87	21.77	30.00	PASS
				RB1#2	18.93	21.83	30.00	PASS
				RB1#5	18.86	21.76	30.00	PASS
				RB3#0	18.65	21.55	30.00	PASS
				RB3#2	18.70	21.60	30.00	PASS
				RB3#3	18.66	21.56	30.00	PASS
				RB6#0	18.69	21.59	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	19.43	22.33	30.00	PASS
				RB1#2	19.49	22.39	30.00	PASS
				RB1#5	19.43	22.33	30.00	PASS
				RB3#0	19.03	21.93	30.00	PASS
				RB3#2	19.08	21.98	30.00	PASS
				RB3#3	18.98	21.88	30.00	PASS
				RB6#0	18.92	21.82	30.00	PASS
			MCH	RB1#0	19.11	22.01	30.00	PASS
				RB1#2	19.18	22.08	30.00	PASS
				RB1#5	19.10	22.00	30.00	PASS
				RB3#0	18.97	21.87	30.00	PASS
				RB3#2	19.06	21.96	30.00	PASS
				RB3#3	18.96	21.86	30.00	PASS
				RB6#0	18.92	21.82	30.00	PASS
			HCH	RB1#0	19.26	22.16	30.00	PASS
				RB1#2	19.34	22.24	30.00	PASS
				RB1#5	19.21	22.11	30.00	PASS
				RB3#0	18.85	21.75	30.00	PASS
				RB3#2	18.90	21.80	30.00	PASS
				RB3#3	18.88	21.78	30.00	PASS
				RB6#0	18.87	21.77	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	3M	LCH	RB1#0	18.71	21.61	30.00	PASS
				RB1#7	18.83	21.73	30.00	PASS
				RB1#14	18.71	21.61	30.00	PASS
				RB8#0	18.75	21.65	30.00	PASS
				RB8#4	18.76	21.66	30.00	PASS
				RB8#7	18.76	21.66	30.00	PASS
				RB15#0	18.76	21.66	30.00	PASS
			MCH	RB1#0	18.74	21.64	30.00	PASS
				RB1#7	18.85	21.75	30.00	PASS
				RB1#14	18.67	21.57	30.00	PASS
				RB8#0	18.76	21.66	30.00	PASS
				RB8#4	18.79	21.69	30.00	PASS
				RB8#7	18.73	21.63	30.00	PASS
				RB15#0	18.75	21.65	30.00	PASS
			HCH	RB1#0	18.73	21.63	30.00	PASS
				RB1#7	18.79	21.69	30.00	PASS
				RB1#14	18.66	21.56	30.00	PASS
				RB8#0	18.75	21.65	30.00	PASS
				RB8#4	18.71	21.61	30.00	PASS
				RB8#7	18.72	21.62	30.00	PASS
				RB15#0	18.71	21.61	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	19.03	21.93	30.00	PASS
				RB1#7	19.13	22.03	30.00	PASS
				RB1#14	19.00	21.90	30.00	PASS
				RB8#0	18.82	21.72	30.00	PASS
				RB8#4	18.84	21.74	30.00	PASS
				RB8#7	18.81	21.71	30.00	PASS
				RB15#0	18.77	21.67	30.00	PASS
			MCH	RB1#0	19.02	21.92	30.00	PASS
				RB1#7	19.12	22.02	30.00	PASS
				RB1#14	18.96	21.86	30.00	PASS
				RB8#0	18.83	21.73	30.00	PASS
				RB8#4	18.84	21.74	30.00	PASS
				RB8#7	18.79	21.69	30.00	PASS
				RB15#0	18.78	21.68	30.00	PASS
			HCH	RB1#0	18.99	21.89	30.00	PASS
				RB1#7	19.09	21.99	30.00	PASS
				RB1#14	18.90	21.80	30.00	PASS
				RB8#0	18.80	21.70	30.00	PASS
				RB8#4	18.82	21.72	30.00	PASS
				RB8#7	18.76	21.66	30.00	PASS
				RB15#0	18.77	21.67	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	3M	LCH	RB1#0	19.47	22.37	30.00	PASS
				RB1#7	19.56	22.46	30.00	PASS
				RB1#14	19.48	22.38	30.00	PASS
				RB8#0	19.05	21.95	30.00	PASS
				RB8#4	19.07	21.97	30.00	PASS
				RB8#7	19.03	21.93	30.00	PASS
				RB15#0	18.97	21.87	30.00	PASS
			MCH	RB1#0	18.73	21.63	30.00	PASS
				RB1#7	18.84	21.74	30.00	PASS
				RB1#14	18.71	21.61	30.00	PASS
				RB8#0	19.01	21.91	30.00	PASS
				RB8#4	19.02	21.92	30.00	PASS
				RB8#7	18.99	21.89	30.00	PASS
				RB15#0	18.93	21.83	30.00	PASS
			HCH	RB1#0	19.12	22.02	30.00	PASS
				RB1#7	19.18	22.08	30.00	PASS
				RB1#14	19.05	21.95	30.00	PASS
				RB8#0	18.86	21.76	30.00	PASS
				RB8#4	18.94	21.84	30.00	PASS
				RB8#7	18.88	21.78	30.00	PASS
				RB15#0	18.96	21.86	30.00	PASS

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BAND4	LTE/TM1	5M	LCH	RB1#0	18.77	21.67	30.00	PASS
				RB1#13	18.82	21.72	30.00	PASS
				RB1#24	18.74	21.64	30.00	PASS
				RB12#0	18.78	21.68	30.00	PASS
				RB12#6	18.81	21.71	30.00	PASS
				RB12#13	18.76	21.66	30.00	PASS
				RB25#0	18.77	21.67	30.00	PASS
			MCH	RB1#0	18.79	21.69	30.00	PASS
				RB1#13	18.78	21.68	30.00	PASS
				RB1#24	18.73	21.63	30.00	PASS
				RB12#0	18.78	21.68	30.00	PASS
				RB12#6	18.77	21.67	30.00	PASS
				RB12#13	18.75	21.65	30.00	PASS
				RB25#0	18.75	21.65	30.00	PASS
			HCH	RB1#0	18.65	21.55	30.00	PASS
				RB1#13	18.64	21.54	30.00	PASS
				RB1#24	18.56	21.46	30.00	PASS
				RB12#0	18.61	21.51	30.00	PASS
				RB12#6	18.67	21.57	30.00	PASS
				RB12#13	18.59	21.49	30.00	PASS
				RB25#0	18.61	21.51	30.00	PASS

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BAND4	LTE/TM2	5M	LCH	RB1#0	19.05	21.95	30.00	PASS
				RB1#13	19.07	21.97	30.00	PASS
				RB1#24	19.02	21.92	30.00	PASS
				RB12#0	18.80	21.70	30.00	PASS
				RB12#6	18.84	21.74	30.00	PASS
				RB12#13	18.77	21.67	30.00	PASS
				RB25#0	18.78	21.68	30.00	PASS
			MCH	RB1#0	19.10	22.00	30.00	PASS
				RB1#13	19.09	21.99	30.00	PASS
				RB1#24	19.02	21.92	30.00	PASS
				RB12#0	18.85	21.75	30.00	PASS
				RB12#6	18.81	21.71	30.00	PASS
				RB12#13	18.76	21.66	30.00	PASS
				RB25#0	18.81	21.71	30.00	PASS
			HCH	RB1#0	18.95	21.85	30.00	PASS
				RB1#13	18.94	21.84	30.00	PASS
				RB1#24	18.86	21.76	30.00	PASS
				RB12#0	18.65	21.55	30.00	PASS
				RB12#6	18.66	21.56	30.00	PASS
				RB12#13	18.65	21.55	30.00	PASS
				RB25#0	18.66	21.56	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	19.27	22.17	30.00	PASS
				RB1#13	19.25	22.15	30.00	PASS
				RB1#24	19.16	22.06	30.00	PASS
				RB12#0	18.97	21.87	30.00	PASS
				RB12#6	18.98	21.88	30.00	PASS
				RB12#13	18.93	21.83	30.00	PASS
				RB25#0	18.89	21.79	30.00	PASS
			MCH	RB1#0	19.03	21.93	30.00	PASS
				RB1#13	19.03	21.93	30.00	PASS
				RB1#24	19.00	21.90	30.00	PASS
				RB12#0	18.98	21.88	30.00	PASS
				RB12#6	19.03	21.93	30.00	PASS
				RB12#13	18.95	21.85	30.00	PASS
				RB25#0	18.93	21.83	30.00	PASS
			HCH	RB1#0	19.44	22.34	30.00	PASS
				RB1#13	19.47	22.37	30.00	PASS
				RB1#24	19.46	22.36	30.00	PASS
				RB12#0	18.97	21.87	30.00	PASS
				RB12#6	18.96	21.86	30.00	PASS
				RB12#13	18.93	21.83	30.00	PASS
				RB25#0	18.83	21.73	30.00	PASS

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BAND4	LTE/TM1	10M	LCH	RB1#0	18.83	21.73	30.00	PASS
				RB1#25	18.74	21.64	30.00	PASS
				RB1#49	18.74	21.64	30.00	PASS
				RB25#0	18.83	21.73	30.00	PASS
				RB25#13	18.81	21.71	30.00	PASS
				RB25#25	18.80	21.70	30.00	PASS
				RB50#0	18.83	21.73	30.00	PASS
			MCH	RB1#0	18.89	21.79	30.00	PASS
				RB1#25	18.75	21.65	30.00	PASS
				RB1#49	18.72	21.62	30.00	PASS
				RB25#0	18.82	21.72	30.00	PASS
				RB25#13	18.79	21.69	30.00	PASS
				RB25#25	18.75	21.65	30.00	PASS
				RB50#0	18.82	21.72	30.00	PASS
			HCH	RB1#0	18.74	21.64	30.00	PASS
				RB1#25	18.61	21.51	30.00	PASS
				RB1#49	18.58	21.48	30.00	PASS
				RB25#0	18.70	21.60	30.00	PASS
				RB25#13	18.66	21.56	30.00	PASS
				RB25#25	18.65	21.55	30.00	PASS
				RB50#0	18.64	21.54	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	19.10	22.00	30.00	PASS
				RB1#25	19.00	21.90	30.00	PASS
				RB1#49	19.01	21.91	30.00	PASS
				RB25#0	18.83	21.73	30.00	PASS
				RB25#13	18.84	21.74	30.00	PASS
				RB25#25	18.77	21.67	30.00	PASS
				RB50#0	18.84	21.74	30.00	PASS
			MCH	RB1#0	19.17	22.07	30.00	PASS
				RB1#25	19.01	21.91	30.00	PASS
				RB1#49	18.98	21.88	30.00	PASS
				RB25#0	18.82	21.72	30.00	PASS
				RB25#13	18.80	21.70	30.00	PASS
				RB25#25	18.75	21.65	30.00	PASS
				RB50#0	18.84	21.74	30.00	PASS
			HCH	RB1#0	19.05	21.95	30.00	PASS
				RB1#25	18.93	21.83	30.00	PASS
				RB1#49	18.89	21.79	30.00	PASS
				RB25#0	18.71	21.61	30.00	PASS
				RB25#13	18.71	21.61	30.00	PASS
				RB25#25	18.61	21.51	30.00	PASS
				RB50#0	18.70	21.60	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	19.19	22.09	30.00	PASS
				RB1#25	19.14	22.04	30.00	PASS
				RB1#49	19.15	22.05	30.00	PASS
				RB25#0	18.95	21.85	30.00	PASS
				RB25#13	18.90	21.80	30.00	PASS
				RB25#25	18.88	21.78	30.00	PASS
				RB50#0	18.97	21.87	30.00	PASS
			MCH	RB1#0	18.84	21.74	30.00	PASS
				RB1#25	18.75	21.65	30.00	PASS
				RB1#49	18.77	21.67	30.00	PASS
				RB25#0	19.03	21.93	30.00	PASS
				RB25#13	19.03	21.93	30.00	PASS
				RB25#25	19.02	21.92	30.00	PASS
				RB50#0	18.99	21.89	30.00	PASS
			HCH	RB1#0	19.39	22.29	30.00	PASS
				RB1#25	19.34	22.24	30.00	PASS
				RB1#49	19.38	22.28	30.00	PASS
				RB25#0	18.87	21.77	30.00	PASS
				RB25#13	18.83	21.73	30.00	PASS
				RB25#25	18.82	21.72	30.00	PASS
				RB50#0	18.82	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/TM1	15M	LCH	RB1#0	18.91	21.81	30.00	PASS
				RB1#38	18.71	21.61	30.00	PASS
				RB1#74	18.74	21.64	30.00	PASS
				RB36#0	18.86	21.76	30.00	PASS
				RB36#18	18.80	21.70	30.00	PASS
				RB36#39	18.78	21.68	30.00	PASS
				RB75#0	18.80	21.70	30.00	PASS
			MCH	RB1#0	18.97	21.87	30.00	PASS
				RB1#38	18.72	21.62	30.00	PASS
				RB1#74	18.73	21.63	30.00	PASS
				RB36#0	18.87	21.77	30.00	PASS
				RB36#18	18.82	21.72	30.00	PASS
				RB36#39	18.79	21.69	30.00	PASS
				RB75#0	18.83	21.73	30.00	PASS
			HCH	RB1#0	18.82	21.72	30.00	PASS
				RB1#38	18.59	21.49	30.00	PASS
				RB1#74	18.58	21.48	30.00	PASS
				RB36#0	18.77	21.67	30.00	PASS
				RB36#18	18.71	21.61	30.00	PASS
				RB36#39	18.59	21.49	30.00	PASS
				RB75#0	18.70	21.60	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	19.20	22.10	30.00	PASS
				RB1#38	19.06	21.96	30.00	PASS
				RB1#74	19.04	21.94	30.00	PASS
				RB36#0	18.89	21.79	30.00	PASS
				RB36#18	18.84	21.74	30.00	PASS
				RB36#39	18.77	21.67	30.00	PASS
				RB75#0	18.85	21.75	30.00	PASS
			MCH	RB1#0	19.27	22.17	30.00	PASS
				RB1#38	19.04	21.94	30.00	PASS
				RB1#74	19.02	21.92	30.00	PASS
				RB36#0	18.92	21.82	30.00	PASS
				RB36#18	18.86	21.76	30.00	PASS
				RB36#39	18.76	21.66	30.00	PASS
				RB75#0	18.85	21.75	30.00	PASS
			HCH	RB1#0	19.15	22.05	30.00	PASS
				RB1#38	18.93	21.83	30.00	PASS
				RB1#74	18.89	21.79	30.00	PASS
				RB36#0	18.78	21.68	30.00	PASS
				RB36#18	18.72	21.62	30.00	PASS
				RB36#39	18.64	21.54	30.00	PASS
				RB75#0	18.73	21.63	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	19.26	22.16	30.00	PASS
				RB1#38	19.17	22.07	30.00	PASS
				RB1#74	19.23	22.13	30.00	PASS
				RB36#0	19.00	21.90	30.00	PASS
				RB36#18	19.02	21.92	30.00	PASS
				RB36#39	18.99	21.89	30.00	PASS
				RB75#0	19.01	21.91	30.00	PASS
			MCH	RB1#0	18.87	21.77	30.00	PASS
				RB1#38	18.79	21.69	30.00	PASS
				RB1#74	18.81	21.71	30.00	PASS
				RB36#0	19.08	21.98	30.00	PASS
				RB36#18	19.03	21.93	30.00	PASS
				RB36#39	19.04	21.94	30.00	PASS
				RB75#0	19.02	21.92	30.00	PASS
			HCH	RB1#0	19.48	22.38	30.00	PASS
				RB1#38	19.32	22.22	30.00	PASS
				RB1#74	19.34	22.24	30.00	PASS
				RB36#0	19.00	21.90	30.00	PASS
				RB36#18	18.95	21.85	30.00	PASS
				RB36#39	18.92	21.82	30.00	PASS
				RB75#0	18.92	21.82	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	19.20	22.10	30.00	PASS
				RB1#50	19.02	21.92	30.00	PASS
				RB1#99	19.01	21.91	30.00	PASS
				RB50#0	19.11	22.01	30.00	PASS
				RB50#25	19.05	21.95	30.00	PASS
				RB50#50	18.98	21.88	30.00	PASS
				RB100#0	19.05	21.95	30.00	PASS
			MCH	RB1#0	19.16	22.06	30.00	PASS
				RB1#50	18.98	21.88	30.00	PASS
				RB1#99	18.80	21.70	30.00	PASS
				RB50#0	19.08	21.98	30.00	PASS
				RB50#25	19.03	21.93	30.00	PASS
				RB50#50	18.95	21.85	30.00	PASS
				RB100#0	19.02	21.92	30.00	PASS
			HCH	RB1#0	19.01	21.91	30.00	PASS
				RB1#50	18.78	21.68	30.00	PASS
				RB1#99	18.90	21.80	30.00	PASS
				RB50#0	19.07	21.97	30.00	PASS
				RB50#25	18.99	21.89	30.00	PASS
				RB50#50	18.91	21.81	30.00	PASS
				RB100#0	18.98	21.88	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	19.37	22.27	30.00	PASS
				RB1#50	19.05	21.95	30.00	PASS
				RB1#99	19.01	21.91	30.00	PASS
				RB50#0	18.94	21.84	30.00	PASS
				RB50#25	18.88	21.78	30.00	PASS
				RB50#50	18.85	21.75	30.00	PASS
				RB100#0	18.90	21.80	30.00	PASS
			MCH	RB1#0	19.21	22.11	30.00	PASS
				RB1#50	19.12	22.02	30.00	PASS
				RB1#99	19.02	21.92	30.00	PASS
				RB50#0	18.99	21.89	30.00	PASS
				RB50#25	18.94	21.84	30.00	PASS
				RB50#50	18.81	21.71	30.00	PASS
				RB100#0	18.89	21.79	30.00	PASS
			HCH	RB1#0	19.19	22.09	30.00	PASS
				RB1#50	18.99	21.89	30.00	PASS
				RB1#99	19.13	22.03	30.00	PASS
				RB50#0	18.95	21.85	30.00	PASS
				RB50#25	18.88	21.78	30.00	PASS
				RB50#50	18.85	21.75	30.00	PASS
				RB100#0	18.89	21.79	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	19.23	22.13	30.00	PASS
				RB1#50	19.31	22.21	30.00	PASS
				RB1#99	19.23	22.13	30.00	PASS
				RB50#0	19.09	21.99	30.00	PASS
				RB50#25	19.07	21.97	30.00	PASS
				RB50#50	19.10	22.00	30.00	PASS
				RB100#0	19.08	21.98	30.00	PASS
			MCH	RB1#0	19.28	22.18	30.00	PASS
				RB1#50	19.26	22.16	30.00	PASS
				RB1#99	19.24	22.14	30.00	PASS
				RB50#0	19.13	22.03	30.00	PASS
				RB50#25	19.04	21.94	30.00	PASS
				RB50#50	19.03	21.93	30.00	PASS
				RB100#0	19.05	21.95	30.00	PASS
			HCH	RB1#0	19.32	22.22	30.00	PASS
				RB1#50	19.19	22.09	30.00	PASS
				RB1#99	19.09	21.99	30.00	PASS
				RB50#0	19.08	21.98	30.00	PASS
				RB50#25	19.02	21.92	30.00	PASS
				RB50#50	18.98	21.88	30.00	PASS
				RB100#0	18.99	21.89	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	5.16	13	PASS
		MCH	4.93	13	PASS
		HCH	4.87	13	PASS
	TM2/20M	LCH	5.83	13	PASS
		MCH	5.88	13	PASS
		HCH	5.74	13	PASS
	TM3/20M	LCH	6.20	13	PASS
		MCH	6.20	13	PASS
		HCH	6.06	13	PASS



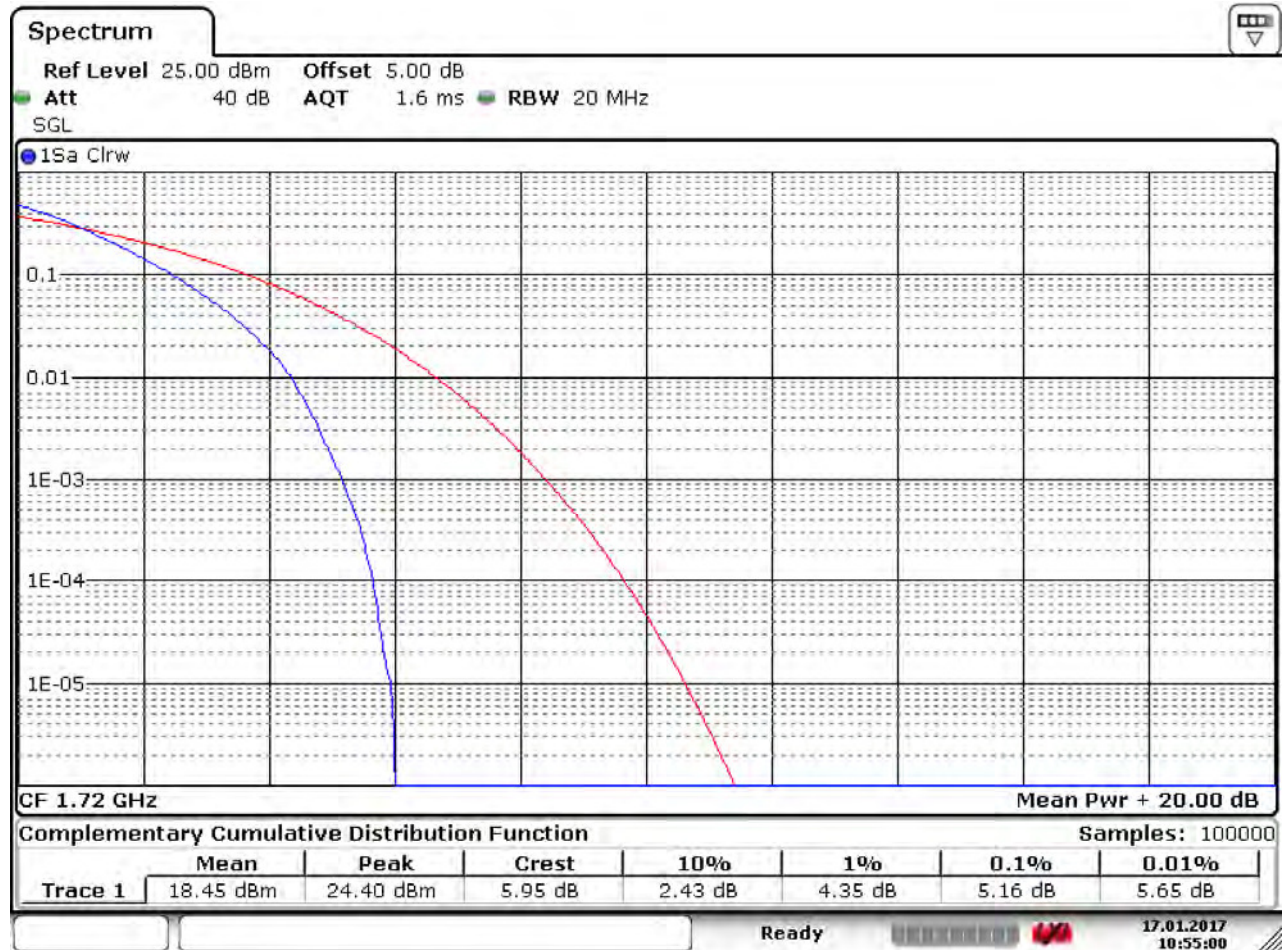
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band 4

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

2.1.1.1.1 Test Channel = LCH

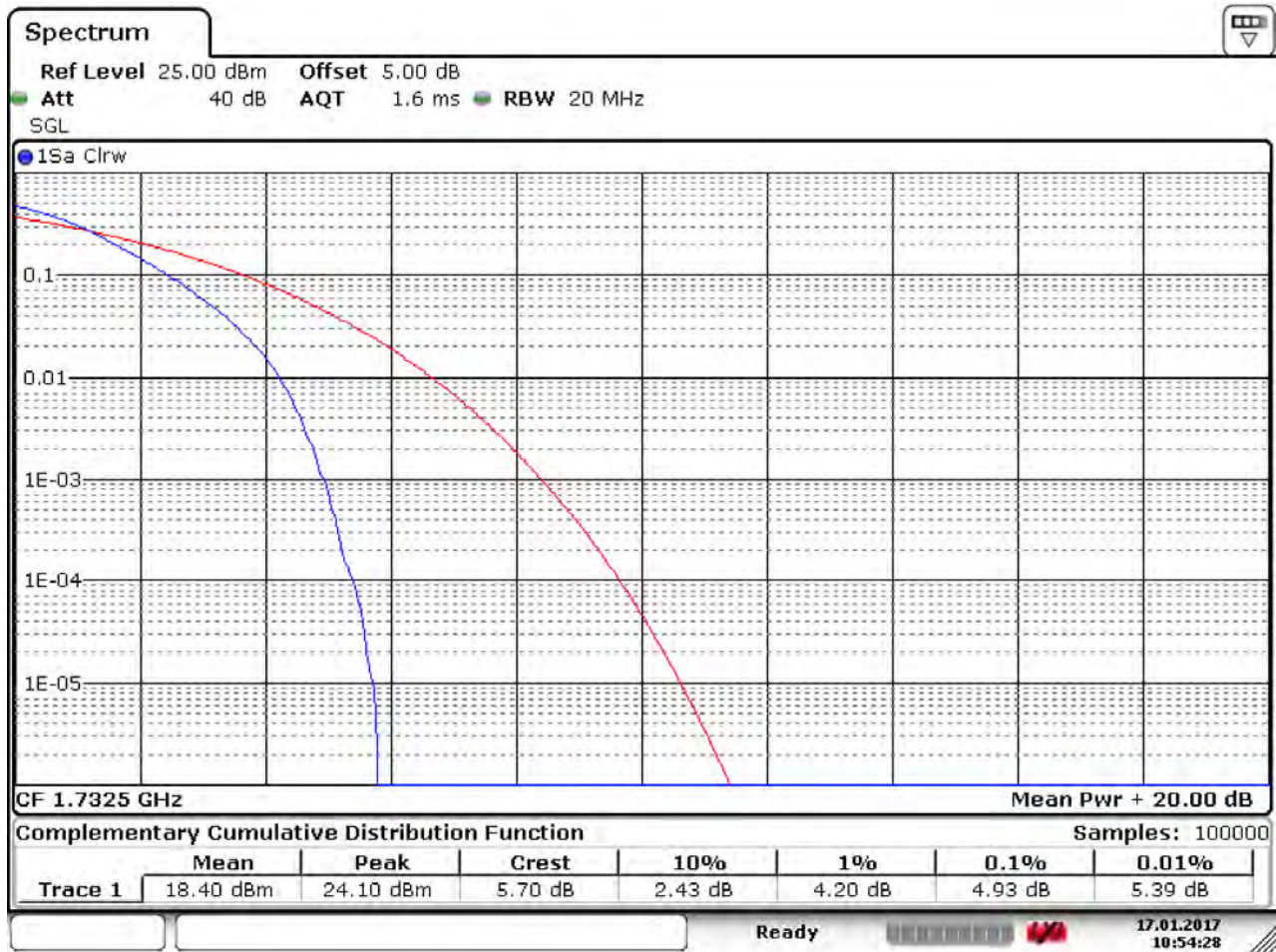


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2.1.1.1.2 Test Channel = MCH

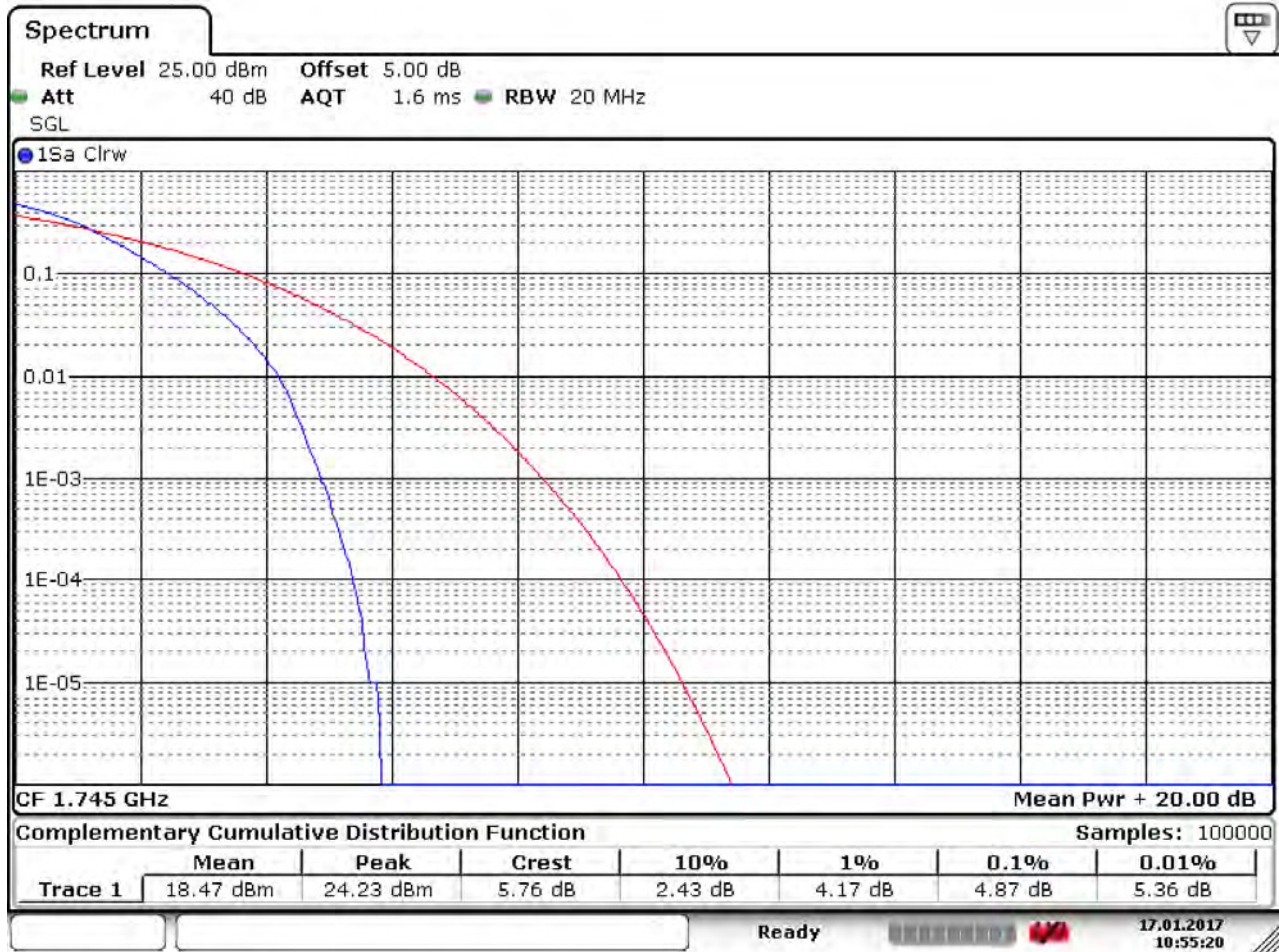


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2.1.1.1.3 Test Channel = HCH



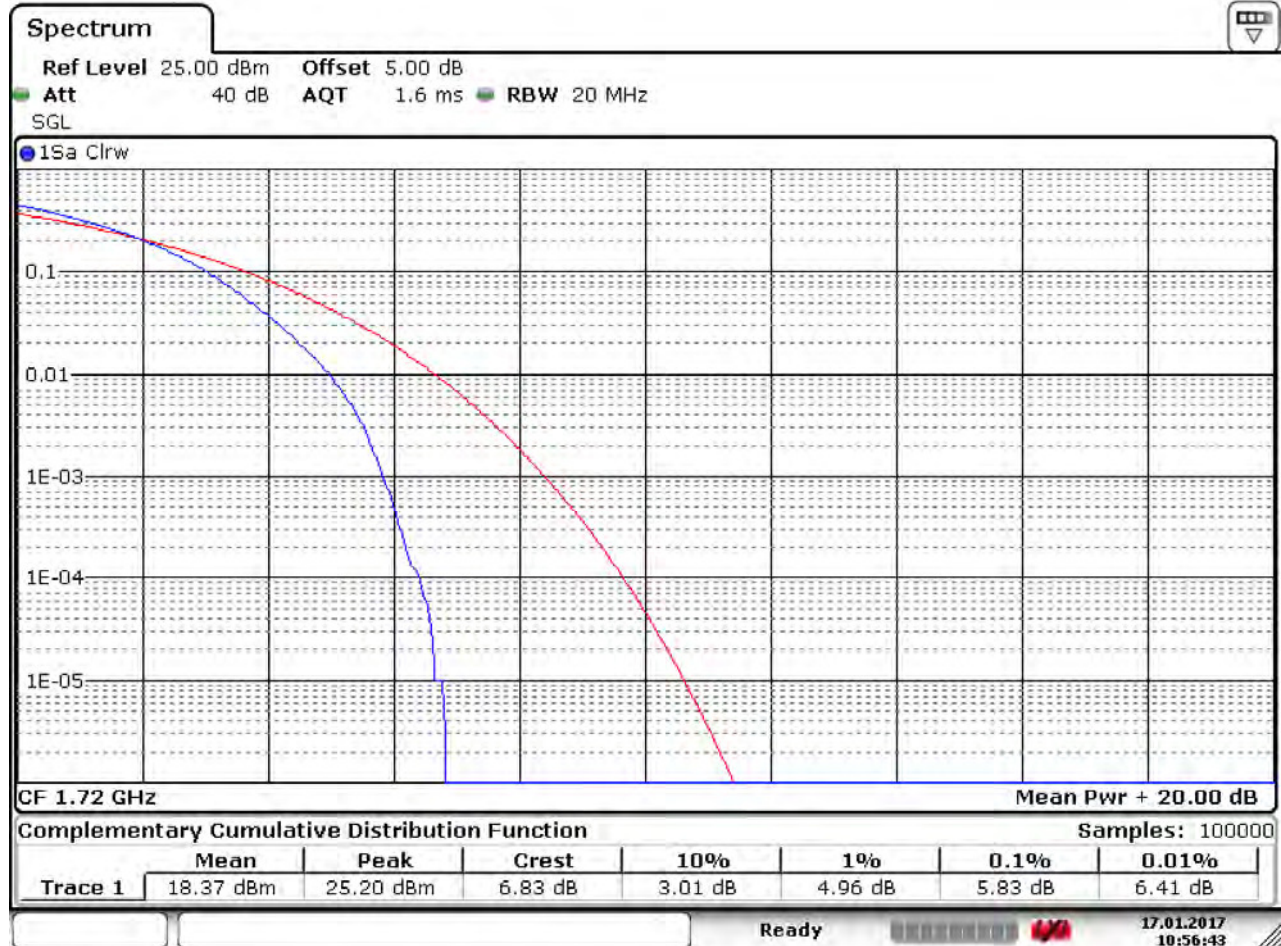
Date: 17.JAN.2017 10:55:20

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

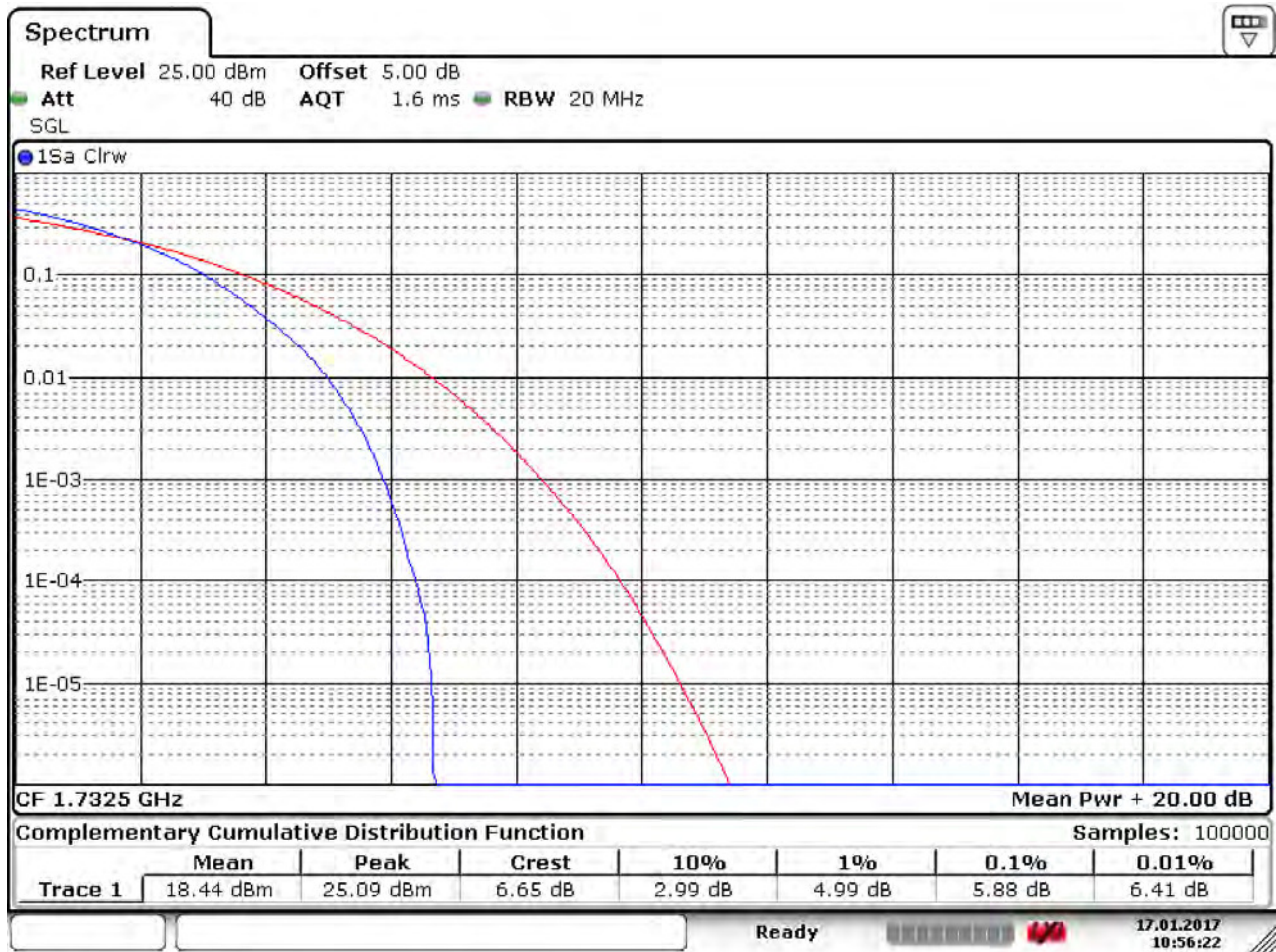
2.1.1.2.1 Test Channel = LCH



Date: 17.JAN.2017 10:56:44



2.1.1.2.2 Test Channel = MCH

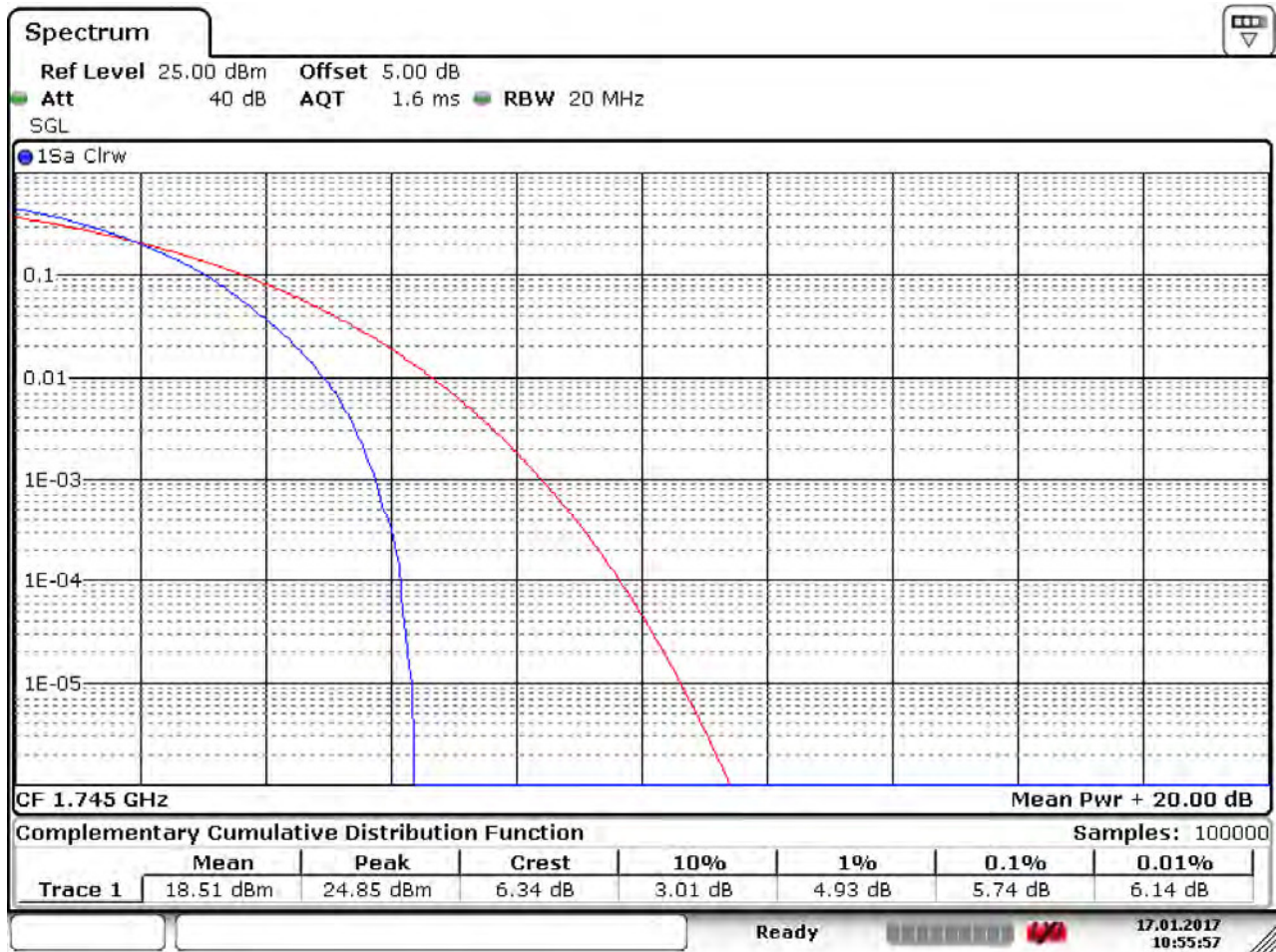


Date: 17.JAN.2017 10:56:22

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2.1.1.2.3 Test Channel = HCH



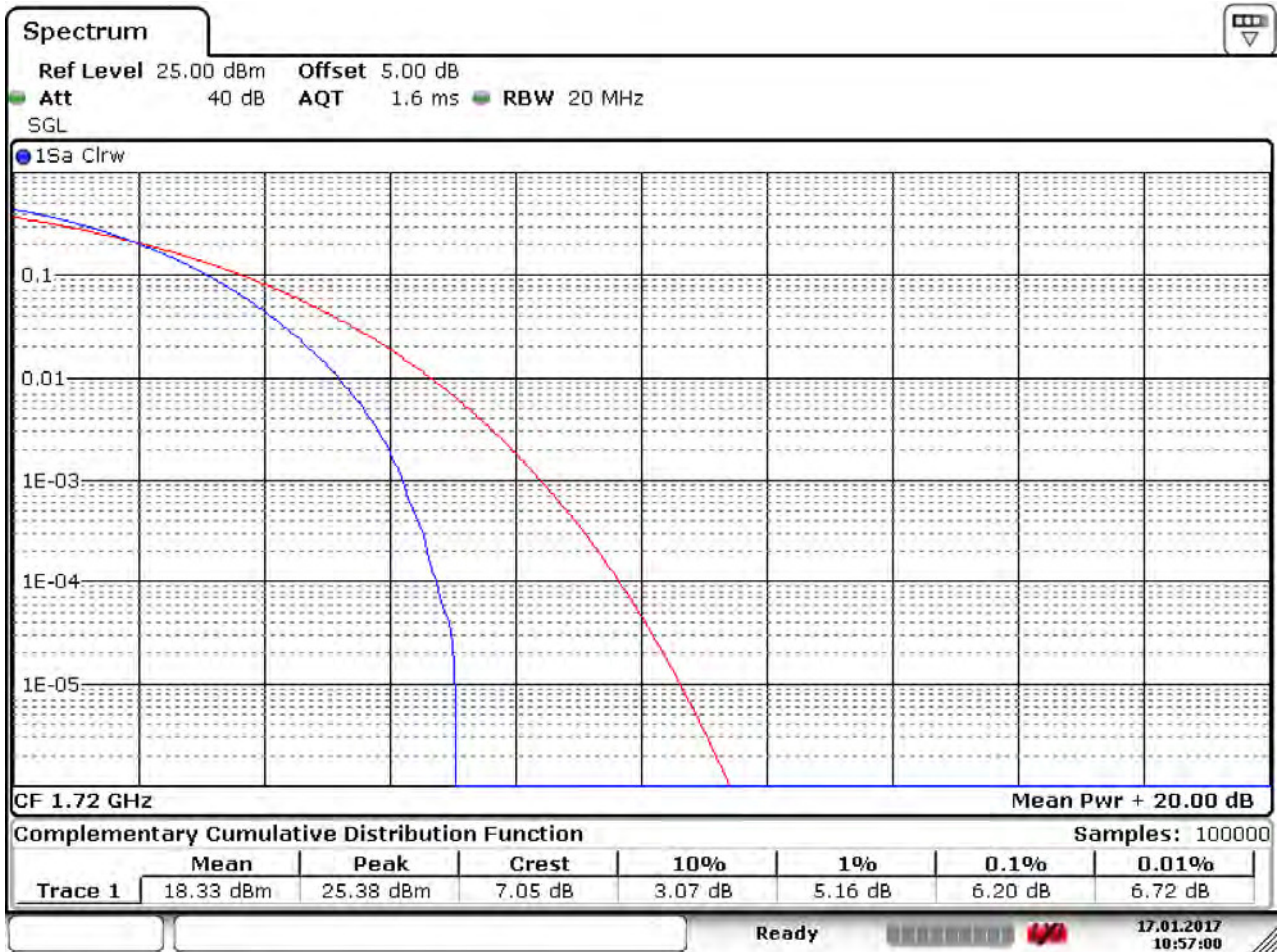
Date: 17.JAN.2017 10:55:57

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

2.1.1.3.1 Test Channel = LCH



Date: 17.JAN.2017 10:57:01

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2.1.1.3.2 Test Channel = MCH

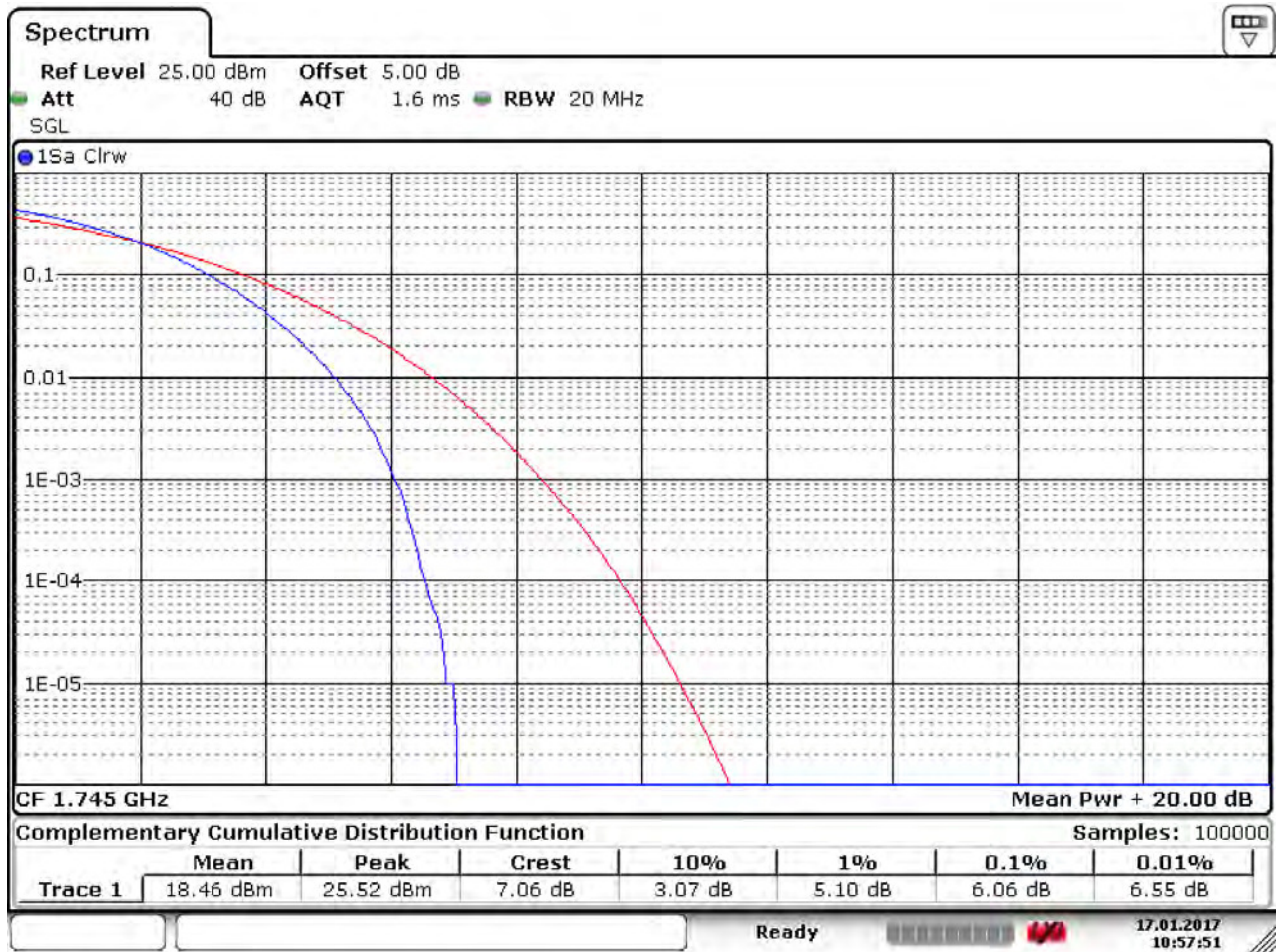


Date: 17.JAN.2017 10:57:27

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2.1.1.3.3 Test Channel = HCH



Date: 17.JAN.2017 10:57:52

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3 Modulation Characteristics

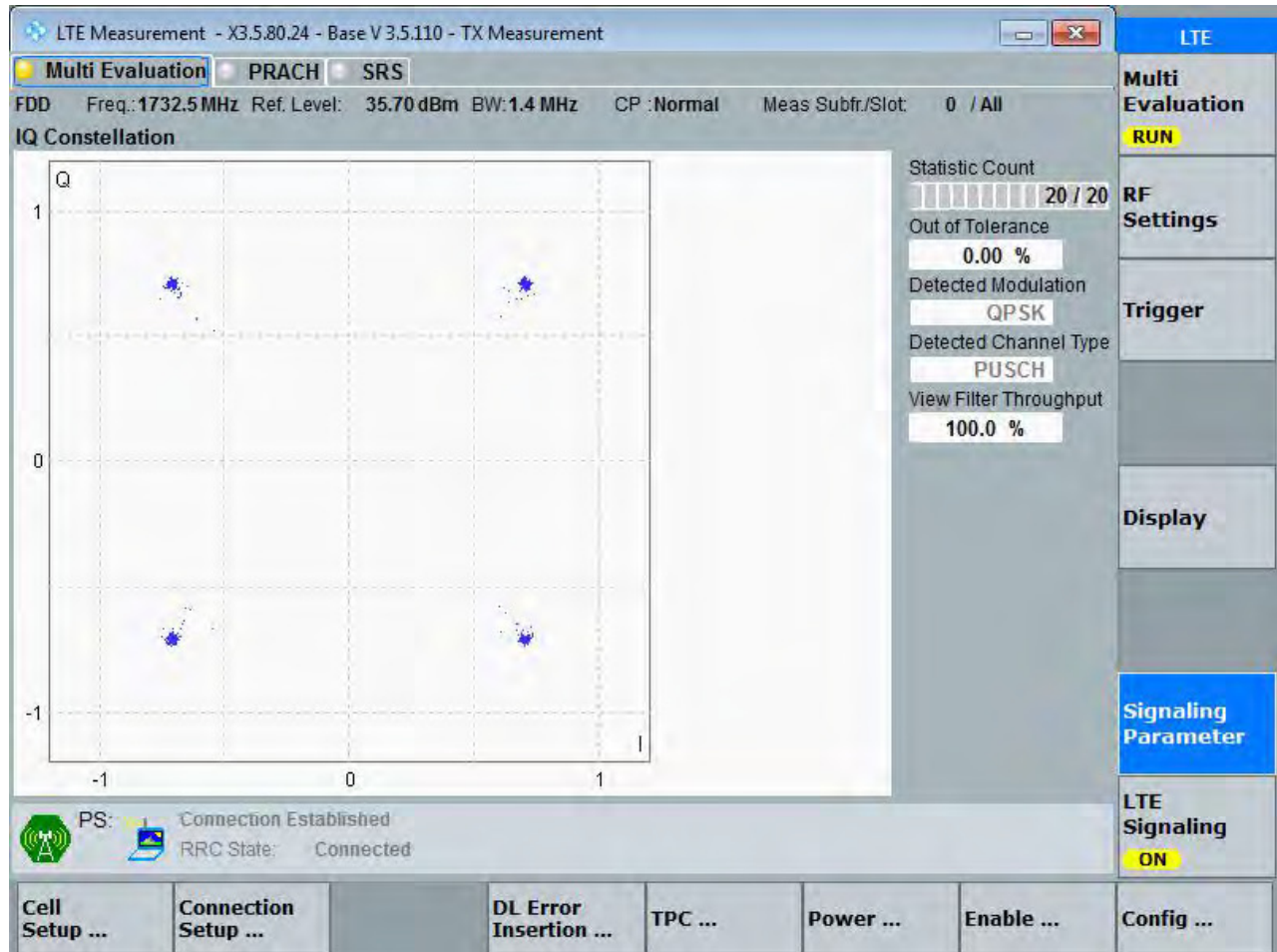
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE band 4

3.1.1.1 Test Mode = LTE /TM1 1.4MHz

3.1.1.1.1 Test Channel = MCH





3.1.1.2 Test Mode = LTE /TM1 3MHz

3.1.1.2.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement' software interface. The main window title is 'LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement'. The interface includes a top menu bar with 'Multi Evaluation', 'PRACH', and 'SRS' options. Below this, a status bar shows 'FDD Freq.: 1732.5 MHz Ref. Level: 35.90 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All'. The central area features an 'IQ Constellation' plot with a grid and four clusters of data points. To the right of the plot is a 'Statistic Count' section with a progress bar at '20 / 20' and several metrics: 'Out of Tolerance: 0.00 %', 'Detected Modulation: QPSK', 'Detected Channel Type: PUSCH', and 'View Filter Throughput: 100.0 %'. On the far right, a vertical sidebar contains buttons for 'LTE', 'Multi Evaluation', 'RUN', 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling ON'. At the bottom, a status bar shows 'PS: Connection Established' and 'RRC State: Connected'. Below the status bar is a row of control buttons: 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.



3.1.1.3 Test Mode = LTE /TM1 5MHz

3.1.1.3.1 Test Channel = MCH

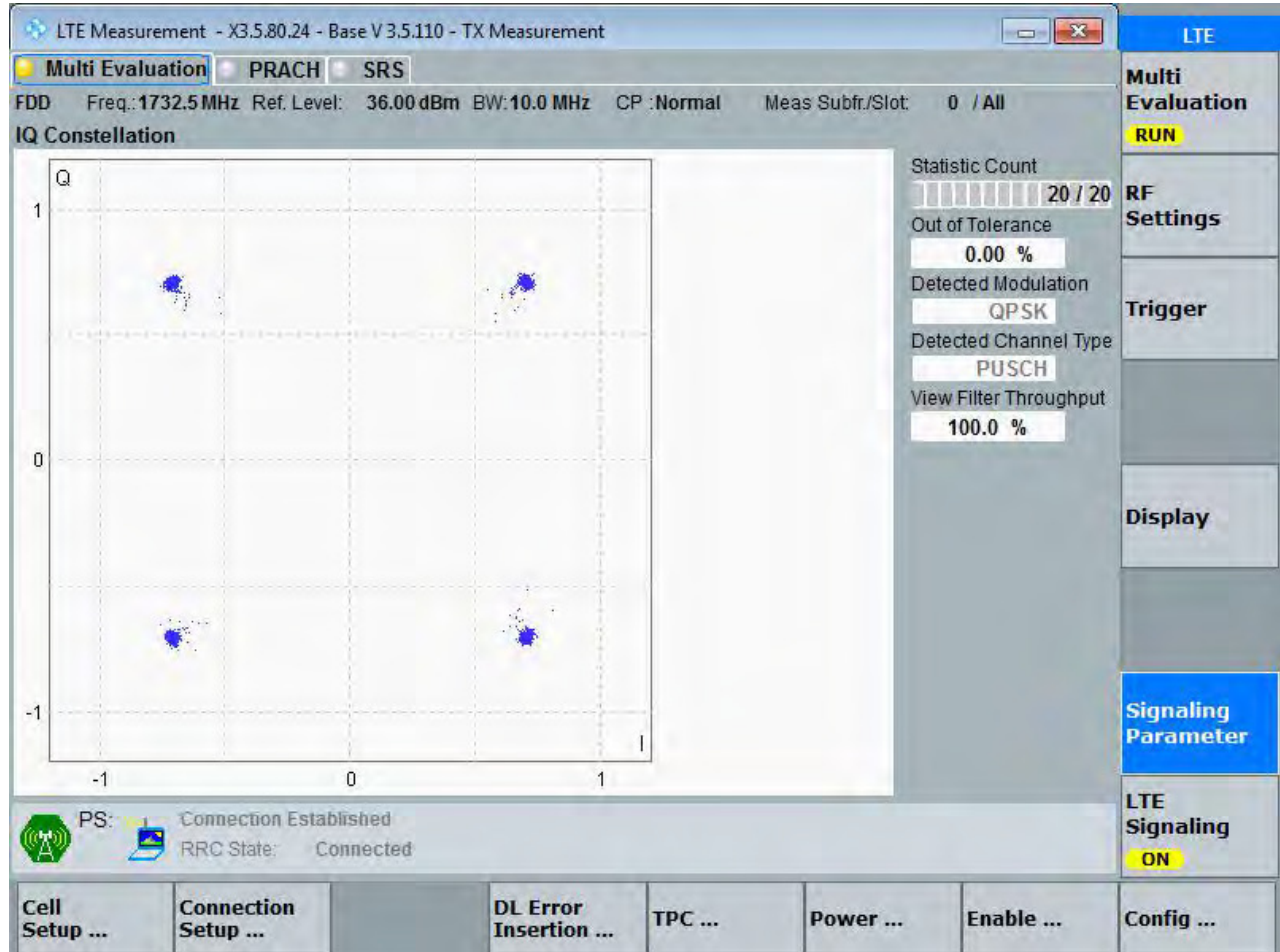
The screenshot displays the 'LTE Measurement' software interface. The main window title is 'LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement'. The interface includes a top navigation bar with 'Multi Evaluation', 'PRACH', and 'SRS' tabs. Below this, it shows 'FDD', 'Freq.: 1732.5 MHz', 'Ref. Level: 35.40 dBm', 'BW: 5.0 MHz', 'CP: Normal', and 'Meas Subfr./Slot: 0 / All'. The central part of the interface features an 'IQ Constellation' plot with a grid and four clusters of blue data points. To the right of the plot is a 'Statistic Count' section with a progress bar showing '20 / 20', and 'Out of Tolerance' set to '0.00 %'. Below this, 'Detected Modulation' is 'QPSK', 'Detected Channel Type' is 'PUSCH', and 'View Filter Throughput' is '100.0 %'. On the far right, there is a vertical sidebar with buttons for 'Multi Evaluation', 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling'. At the bottom of the interface, there is a status bar showing 'PS: Connection Established' and 'RRC State: Connected'. Below the status bar is a row of buttons: 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.

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3.1.1.4 Test Mode = LTE /TM1 10MHz

3.1.1.4.1 Test Channel = MCH

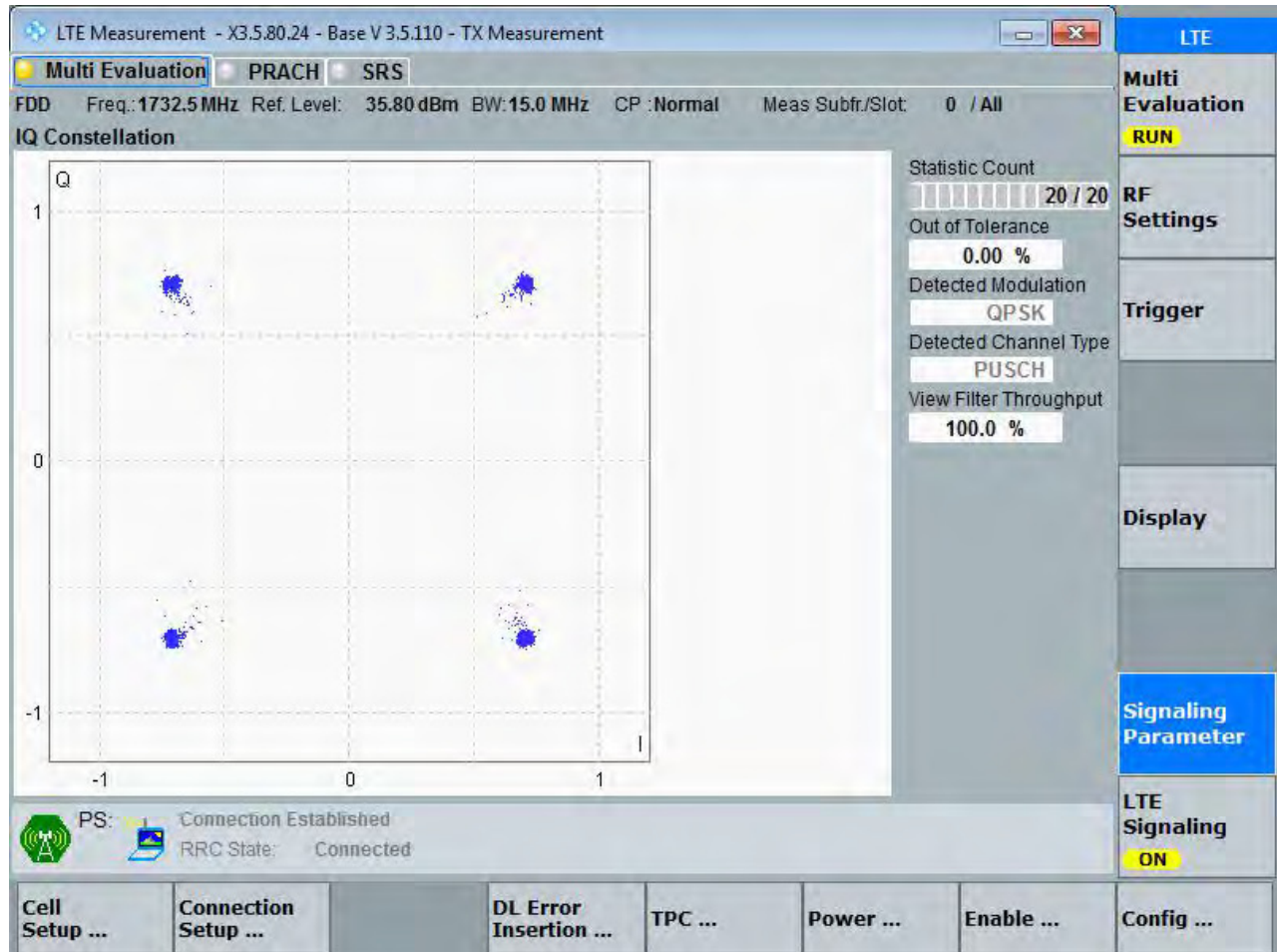


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3.1.1.5 Test Mode = LTE /TM1 15MHz

3.1.1.5.1 Test Channel = MCH

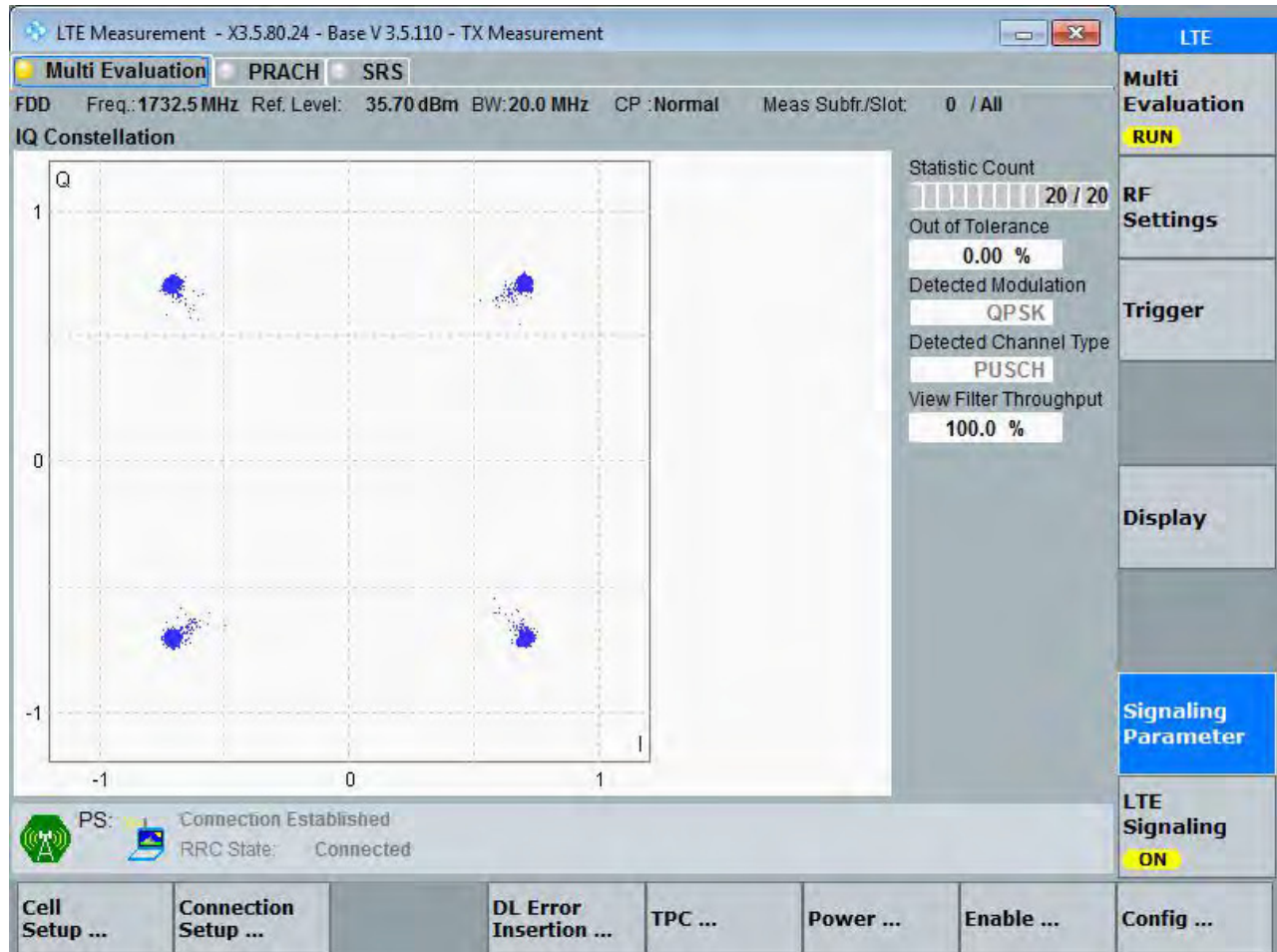


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3.1.1.6 Test Mode = LTE /TM1 20MHz

3.1.1.6.1 Test Channel = MCH



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3.1.1.7 Test Mode = LTE /TM2 1.4MHz

3.1.1.7.1 Test Channel = MCH

The screenshot displays the LTE Measurement software interface. The main window is titled "LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement". It features a "Multi Evaluation" tab with sub-tabs for "PRACH" and "SRS". The interface shows the following parameters: FDD, Freq.: 1732.5 MHz, Ref. Level: 35.70 dBm, BW: 1.4 MHz, CP: Normal, Meas Subfr./Slot: 0 / All. The "IQ Constellation" plot shows a 16-QAM constellation with points clustered around the center. The "Statistic Count" is 20 / 20, and the "Out of Tolerance" is 0.00%. The "Detected Modulation" is 16-QAM, and the "Detected Channel Type" is PUSCH. The "View Filter Throughput" is 100.0%. The interface also includes a "Signaling Parameter" section with "LTE Signaling" set to "ON". At the bottom, there are several tabs: "Cell Setup ...", "Connection Setup ...", "DL Error Insertion ...", "TPC ...", "Power ...", "Enable ...", and "Config ...".

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3.1.1.8 Test Mode = LTE /TM2 3MHz

3.1.1.8.1 Test Channel = MCH

The screenshot displays the LTE Measurement software interface. The main window is titled "LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement". It features a "Multi Evaluation" tab and a "PRACH" sub-tab. The interface shows the following parameters: FDD, Freq.: 1732.5 MHz, Ref. Level: 35.90 dBm, BW: 3.0 MHz, CP: Normal, Meas Subfr./Slot: 0 / All. The "IQ Constellation" plot shows a 16-QAM constellation with points clustered around the center. The right sidebar contains several sections: "Multi Evaluation" with a "RUN" button, "RF Settings" with "Out of Tolerance" at 0.00%, "Detected Modulation" as 16-QAM, "Detected Channel Type" as PUSCH, and "View Filter Throughput" at 100.0%. The "Trigger" section is empty. The "Display" section is empty. The "Signaling Parameter" section is empty. The "LTE Signaling" section shows "ON". The bottom status bar indicates "PS: Connection Established" and "RRC State: Connected". The bottom navigation bar includes buttons for "Cell Setup ...", "Connection Setup ...", "DL Error Insertion ...", "TPC ...", "Power ...", "Enable ...", and "Config ...".

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3.1.1.9 Test Mode = LTE /TM2 5MHz

3.1.1.9.1 Test Channel = MCH

The screenshot displays the LTE Measurement software interface. The main window is titled "LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement". It features a "Multi Evaluation" tab with sub-tabs for "PRACH" and "SRS". The interface shows the following parameters: FDD, Freq.: 1732.5 MHz, Ref. Level: 35.40 dBm, BW: 5.0 MHz, CP: Normal, Meas Subfr./Slot: 0 / All. The "IQ Constellation" plot shows a 16-QAM constellation with points clustered around the center. The "Statistic Count" is 20 / 20, "Out of Tolerance" is 0.00 %, "Detected Modulation" is 16-QAM, "Detected Channel Type" is PUSCH, and "View Filter Throughput" is 100.0 %. The interface also includes a "Signaling Parameter" section with "LTE Signaling" set to "ON". At the bottom, there are several tabs: "Cell Setup ...", "Connection Setup ...", "DL Error Insertion ...", "TPC ...", "Power ...", "Enable ...", and "Config ...".

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3.1.1.10 Test Mode = LTE /TM2 10MHz

3.1.1.10.1 Test Channel = MCH

The screenshot displays the LTE Measurement software interface. The main window is titled "LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement". It features a "Multi Evaluation" tab and a "PRACH" sub-tab. The interface shows the following details:

- Measurement Parameters:** FDD, Freq.: 1732.5 MHz, Ref. Level: 36.00 dBm, BW: 10.0 MHz, CP: Normal, Meas Subfr./Slot: 0 / All.
- IQ Constellation:** A scatter plot showing the IQ constellation with a grid. The vertical axis is labeled 'Q' and the horizontal axis is labeled 'I', both ranging from -1 to 1.
- Statistic Count:** 20 / 20.
- Out of Tolerance:** 0.00 %.
- Detected Modulation:** 16-QAM.
- Detected Channel Type:** PUSCH.
- View Filter Throughput:** 100.0 %.

On the right side, there is a vertical toolbar with buttons for "Multi Evaluation", "RUN", "RF Settings", "Trigger", "Display", "Signaling Parameter", and "LTE Signaling". The "LTE Signaling" button is currently set to "ON".

At the bottom of the interface, there is a status bar showing "PS: Connection Established" and "RRC State: Connected". Below the status bar are several tabs: "Cell Setup ...", "Connection Setup ...", "DL Error Insertion ...", "TPC ...", "Power ...", "Enable ...", and "Config ...".

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3.1.1.11 Test Mode = LTE /TM2 15MHz

3.1.1.11.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement' software interface. The main window title is 'LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement'. The interface includes a top navigation bar with 'Multi Evaluation', 'PRACH', and 'SRS' tabs. Below this, it shows 'FDD', 'Freq.: 1732.5 MHz', 'Ref. Level: 35.80 dBm', 'BW: 15.0 MHz', 'CP: Normal', and 'Meas Subfr./Slot: 0 / All'. The central part of the interface features an 'IQ Constellation' plot with a grid and data points. To the right of the plot is a 'Statistic Count' section with a progress bar showing '20 / 20', and 'Out of Tolerance' at '0.00 %'. Below this, it shows 'Detected Modulation' as '16-QAM', 'Detected Channel Type' as 'PUSCH', and 'View Filter Throughput' at '100.0 %'. On the far right, there is a vertical sidebar with buttons for 'LTE', 'Multi Evaluation', 'RUN', 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling ON'. At the bottom of the interface, there is a status bar showing 'PS: Connection Established' and 'RRC State: Connected'. Below the status bar are several control buttons: 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.

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3.1.1.12 Test Mode = LTE /TM2 20MHz

3.1.1.12.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement' software interface. The main window title is 'LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement'. The interface includes a top navigation bar with 'Multi Evaluation', 'PRACH', and 'SRS' tabs. Below this, it shows 'FDD', 'Freq.: 1732.5 MHz', 'Ref. Level: 35.70 dBm', 'BW: 20.0 MHz', 'CP: Normal', and 'Meas Subfr./Slot: 0 / All'. The central part of the interface features an 'IQ Constellation' plot with a grid and data points. To the right of the plot is a 'Statistic Count' section with a progress bar showing '20 / 20'. Below this are 'Out of Tolerance' (0.00 %), 'Detected Modulation' (16-QAM), 'Detected Channel Type' (PUSCH), and 'View Filter Throughput' (100.0 %). The right-hand side of the interface has a vertical menu with buttons for 'LTE', 'Multi Evaluation', 'RUN', 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling ON'. At the bottom, there is a status bar showing 'PS: Connection Established' and 'RRC State: Connected'. Below the status bar are several control buttons: 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.



3.1.1.13 Test Mode = LTE /TM3 1.4MHz

3.1.1.13.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement' software interface. The main window title is 'LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement'. The interface is divided into several sections:

- Top Bar:** Shows 'Multi Evaluation', 'PRACH', and 'SRS' tabs. Below this, it displays 'FDD', 'Freq.: 1732.5 MHz', 'Ref. Level: 35.70 dBm', 'BW: 1.4 MHz', 'CP: Normal', and 'Meas Subfr./Slot: 0 / All'.
- IQ Constellation:** A central plot showing a grid of points representing the IQ constellation. The axes range from -1 to 1 on both the real (I) and imaginary (Q) axes.
- Statistic Count:** A progress bar showing '20 / 20'.
- Out of Tolerance:** A field showing '0.00 %'.
- Detected Modulation:** A field showing '64-QAM'.
- Detected Channel Type:** A field showing 'PUSCH'.
- View Filter Throughput:** A field showing '100.0 %'.
- Right Panel:** A vertical sidebar with buttons for 'Multi Evaluation', 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling'. The 'Multi Evaluation' button is highlighted in yellow, and 'LTE Signaling' is highlighted in blue.
- Bottom Bar:** Shows 'PS: Connection Established' and 'RRC State: Connected'. Below this are several buttons: 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.

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3.1.1.14 Test Mode = LTE /TM3 3MHz

3.1.1.14.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement' software interface. The main window title is 'LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement'. The interface is divided into several sections:

- Multi Evaluation:** Includes tabs for 'PRACH' and 'SRS'. Below these, it shows 'FDD', 'Freq.: 1732.5 MHz', 'Ref. Level: 35.90 dBm', 'BW: 3.0 MHz', 'CP: Normal', and 'Meas Subfr./Slot: 0 / All'.
- IQ Constellation:** A central plot showing a grid of constellation points. The vertical axis is labeled 'Q' and ranges from -1 to 1. The horizontal axis is labeled 'I' and ranges from -1 to 1. The plot shows a regular grid of points, indicating a QAM modulation scheme.
- Statistic Count:** A progress bar showing '20 / 20'.
- Out of Tolerance:** A field showing '0.00 %'.
- Detected Modulation:** A field showing '64-QAM'.
- Detected Channel Type:** A field showing 'PUSCH'.
- View Filter Throughput:** A field showing '100.0 %'.
- Right-Hand Side Panel:** A vertical stack of buttons: 'LTE', 'Multi Evaluation', 'RUN', 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling ON'.
- Bottom Status Bar:** Shows 'PS: Connection Established' and 'RRC State: Connected'. Below this are several buttons: 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.

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3.1.1.15 Test Mode = LTE /TM3 5MHz

3.1.1.15.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement' software interface. The main window title is 'LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement'. The interface is divided into several sections:

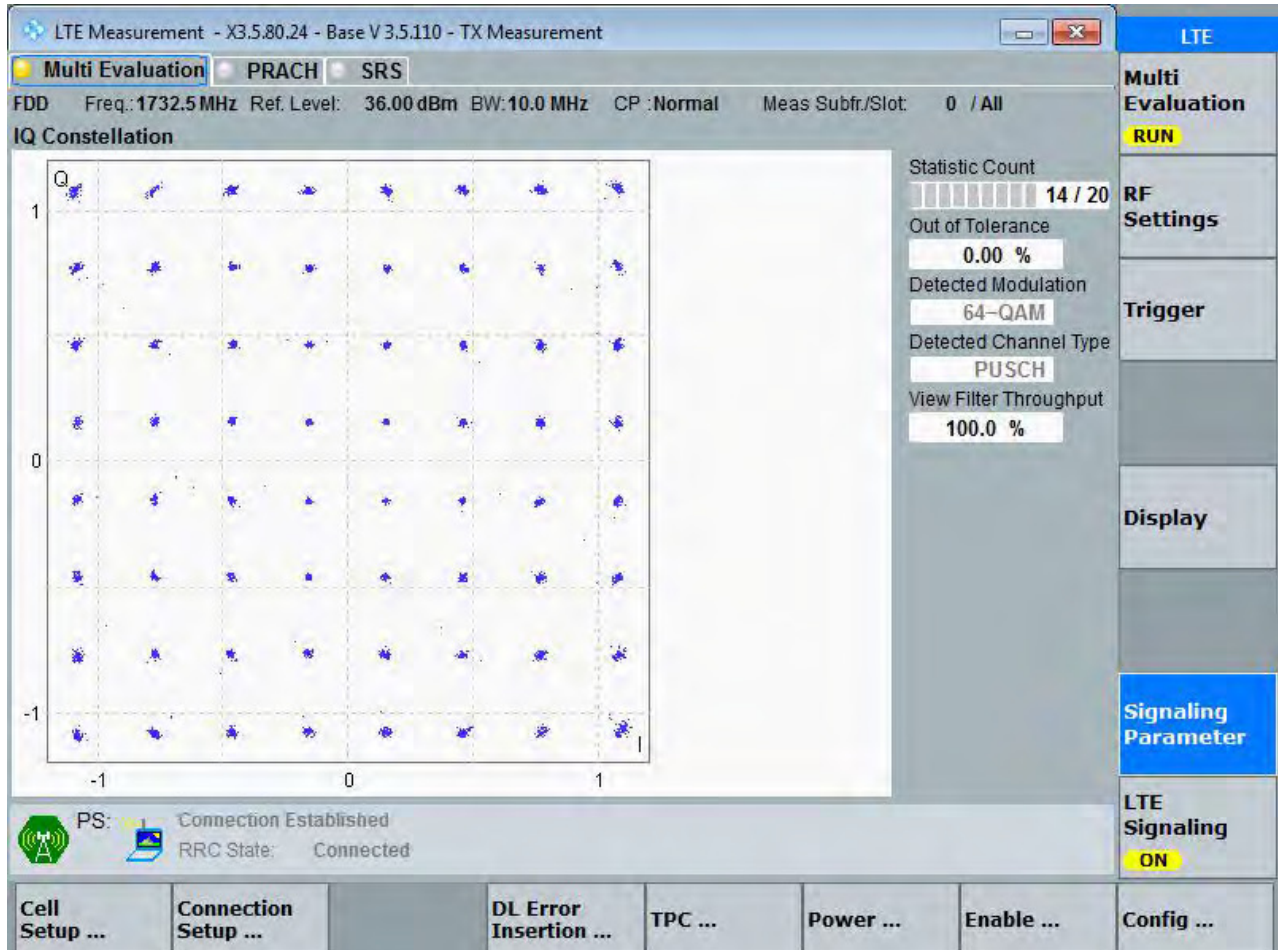
- Top Bar:** Shows 'Multi Evaluation' (selected), 'PRACH', and 'SRS' tabs. Below this, it displays 'FDD', 'Freq.: 1732.5 MHz', 'Ref. Level: 35.40 dBm', 'BW: 5.0 MHz', 'CP: Normal', and 'Meas Subfr./Slot: 0 / All'.
- IQ Constellation:** A central plot showing a grid of constellation points. The vertical axis is labeled 'Q' and ranges from -1 to 1. The horizontal axis is labeled 'I' and ranges from -1 to 1. The plot shows a regular grid of points, indicating a QAM modulation scheme.
- Statistic Count:** A progress bar showing '20 / 20'.
- Out of Tolerance:** A field showing '0.00 %'.
- Detected Modulation:** A field showing '64-QAM'.
- Detected Channel Type:** A field showing 'PUSCH'.
- View Filter Throughput:** A field showing '100.0 %'.
- Right Panel:** A vertical sidebar with buttons for 'LTE', 'Multi Evaluation', 'RUN', 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling ON'.
- Bottom Bar:** A status bar showing 'PS: Connection Established' and 'RRC State: Connected'. Below this are several tabs: 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.

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3.1.1.16 Test Mode = LTE /TM3 10MHz

3.1.1.16.1 Test Channel = MCH



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3.1.1.17 Test Mode = LTE /TM3 15MHz

3.1.1.17.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement' software interface. The main window title is 'LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement'. The interface is divided into several sections:

- Top Bar:** Shows 'Multi Evaluation', 'PRACH', and 'SRS' tabs. Below this, it displays 'FDD', 'Freq.: 1732.5 MHz', 'Ref. Level: 35.80 dBm', 'BW: 15.0 MHz', 'CP: Normal', and 'Meas Subfr./Slot: 0 / All'.
- IQ Constellation:** A central plot showing a grid of blue dots representing the IQ constellation. The axes are labeled 'Q' (vertical) and 'I' (horizontal), with values ranging from -1 to 1.
- Statistic Count:** A progress bar showing '20 / 20'.
- Out of Tolerance:** A field showing '0.00 %'.
- Detected Modulation:** A field showing '64-QAM'.
- Detected Channel Type:** A field showing 'PUSCH'.
- View Filter Throughput:** A field showing '100.0 %'.
- Right Panel:** A vertical sidebar with buttons for 'Multi Evaluation', 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling'. The 'Multi Evaluation' button is highlighted in yellow, and 'LTE Signaling' is set to 'ON'.
- Bottom Bar:** Shows 'PS: Connection Established' and 'RRC State: Connected'. Below this are several tabs: 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.

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3.1.1.18 Test Mode = LTE /TM3 20MHz

3.1.1.18.1 Test Channel = MCH

The screenshot displays the LTE Measurement software interface. The main window is titled "LTE Measurement - X3.5.80.24 - Base V 3.5.110 - TX Measurement". It features a "Multi Evaluation" tab and a "PRACH" sub-tab. The interface shows the following details:

- Measurement Parameters:** FDD, Freq.: 1732.5 MHz, Ref. Level: 35.70 dBm, BW: 20.0 MHz, CP: Normal, Meas Subfr./Slot: 0 / All.
- IQ Constellation:** A scatter plot showing a 64-QAM constellation with points arranged in an 8x8 grid. The axes are labeled from -1 to 1.
- Statistic Count:** 20 / 20.
- Out of Tolerance:** 0.00 %.
- Detected Modulation:** 64-QAM.
- Detected Channel Type:** PUSCH.
- View Filter Throughput:** 100.0 %.
- Connection Status:** PS: Connection Established, RRC State: Connected.
- Control Panel:** Includes buttons for "Cell Setup ...", "Connection Setup ...", "DL Error Insertion ...", "TPC ...", "Power ...", "Enable ...", and "Config ...".
- Right-Hand Side Panel:** Contains buttons for "LTE", "Multi Evaluation", "RUN", "RF Settings", "Trigger", "Display", "Signaling Parameter", and "LTE Signaling ON".

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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	1.09	1.24	PASS
		MCH	1.09	1.24	PASS
		HCH	1.10	1.23	PASS
	TM2/1.4MHz	LCH	1.09	1.23	PASS
		MCH	1.09	1.25	PASS
		HCH	1.09	1.24	PASS
	TM3/1.4MHz	LCH	1.10	1.25	PASS
		MCH	1.09	1.24	PASS
		HCH	1.09	1.23	PASS
	TM1/ 3MHz	LCH	2.69	2.94	PASS
		MCH	2.69	2.93	PASS
		HCH	2.69	2.94	PASS
	TM2/3MHz	LCH	2.69	2.94	PASS
		MCH	2.69	2.96	PASS
		HCH	2.69	2.94	PASS
	TM3/3MHz	LCH	2.69	2.94	PASS
		MCH	2.69	2.94	PASS
		HCH	2.68	2.91	PASS
	TM1/ 5MHz	LCH	4.49	4.89	PASS
		MCH	4.49	4.90	PASS
		HCH	4.48	4.88	PASS
	TM2/ 5MHz	LCH	4.48	4.89	PASS
		MCH	4.47	4.85	PASS
		HCH	4.49	4.93	PASS
	TM3/5MHz	LCH	4.48	4.89	PASS
		MCH	4.47	4.89	PASS
		HCH	4.48	4.89	PASS
TM1/10MHz	LCH	8.93	9.65	PASS	
	MCH	8.93	9.71	PASS	
	HCH	8.93	9.71	PASS	
TM2/ 10MHz	LCH	8.93	9.650	PASS	
	MCH	8.93	9.530	PASS	
	HCH	8.95	9.670	PASS	

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM170100023101

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Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band 4	TM3/ 10MHz	LCH	8.93	9.65	PASS
		MCH	8.93	9.61	PASS
		HCH	8.95	9.69	PASS
	TM1/ 15MHz	LCH	13.46	14.78	PASS
		MCH	13.46	14.77	PASS
		HCH	13.43	14.76	PASS
	TM2/ 15MHz	LCH	13.49	14.75	PASS
		MCH	13.46	14.68	PASS
		HCH	13.49	14.73	PASS
	TM3/ 15MHz	LCH	13.46	14.81	PASS
		MCH	13.49	14.70	PASS
		HCH	13.46	14.72	PASS
	TM1/ 20MHz	LCH	17.94	19.34	PASS
		MCH	17.90	19.50	PASS
		HCH	17.90	19.31	PASS
	TM2/ 20MHz	LCH	17.94	19.54	PASS
		MCH	17.86	19.34	PASS
		HCH	17.90	19.31	PASS
TM3/ 20MHz	LCH	17.94	19.46	PASS	
	MCH	17.86	19.26	PASS	
	HCH	17.86	19.39	PASS	

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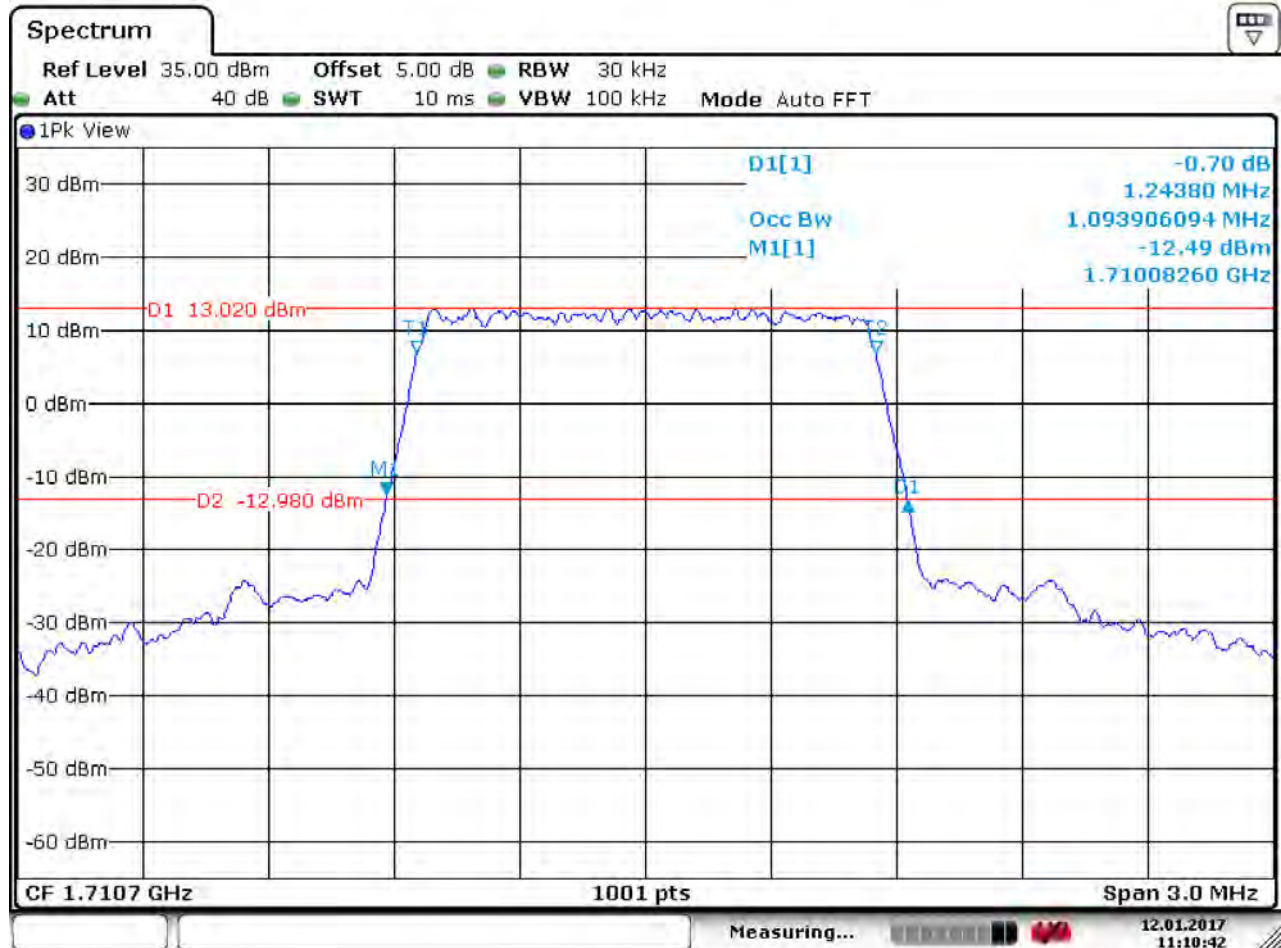


4.1 For LTE

4.1.1 Test Band = LTE band4

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

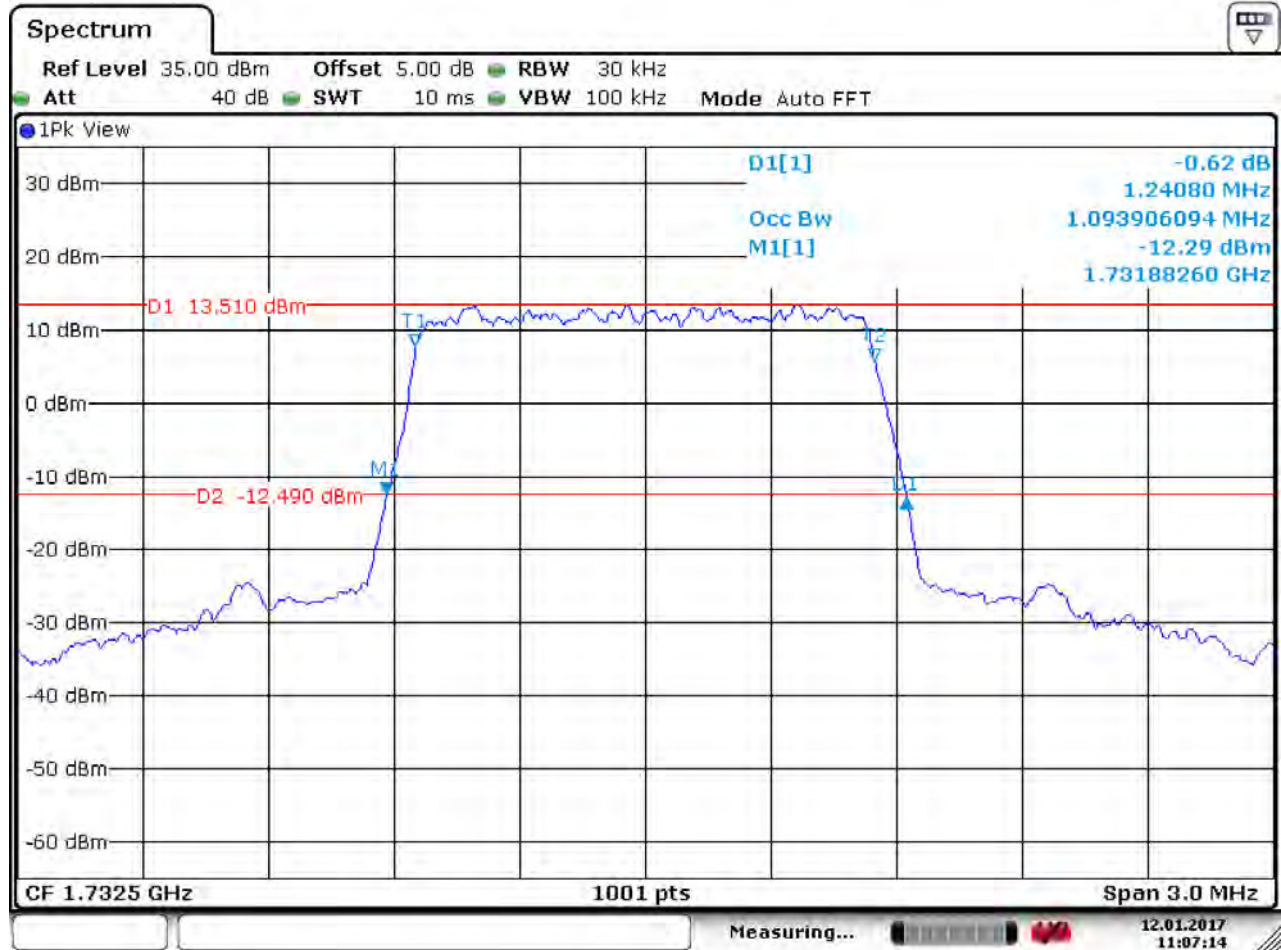
4.1.1.1.1 Test Channel = LCH



Date: 12 JAN 2017 11:10:42



4.1.1.1.2 Test Channel = MCH

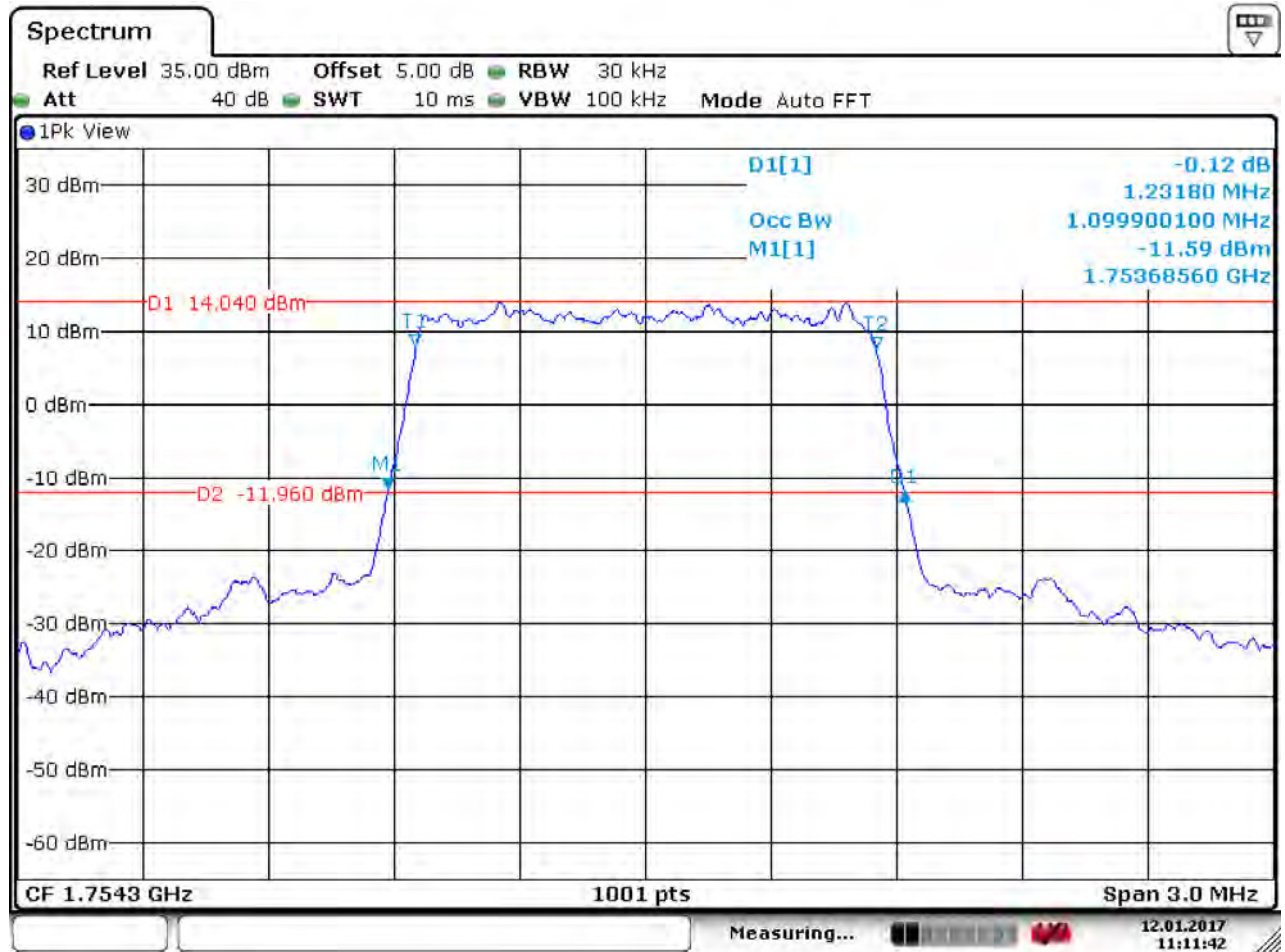


Date: 12 JAN. 2017 11:07:14

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4.1.1.1.3 Test Channel = HCH

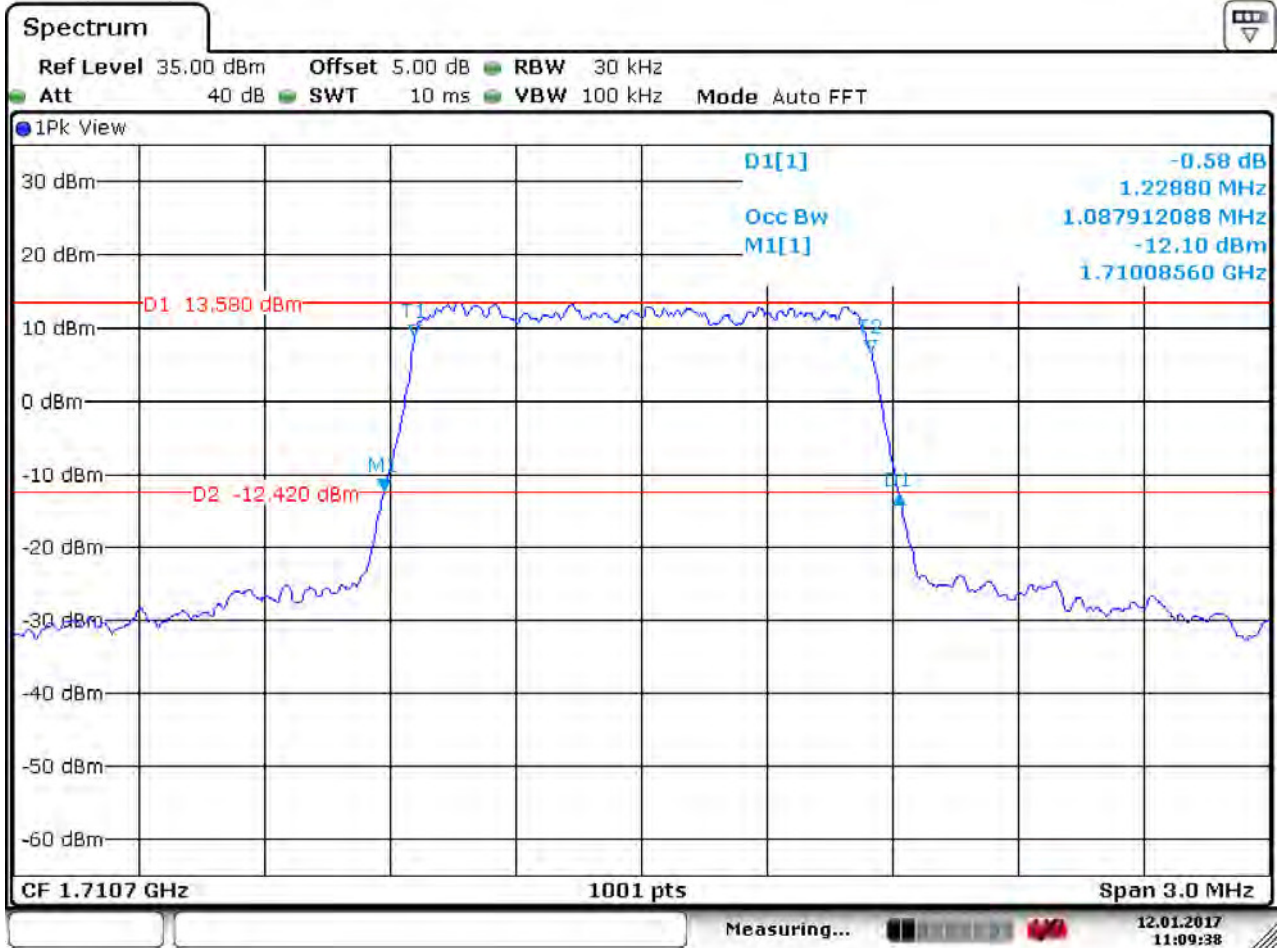


Date: 12.JAN.2017 11:11:43

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4.1.1.2 Test Mode = LTE/TM2 1.4MHz

4.1.1.2.1 Test Channel = LCH

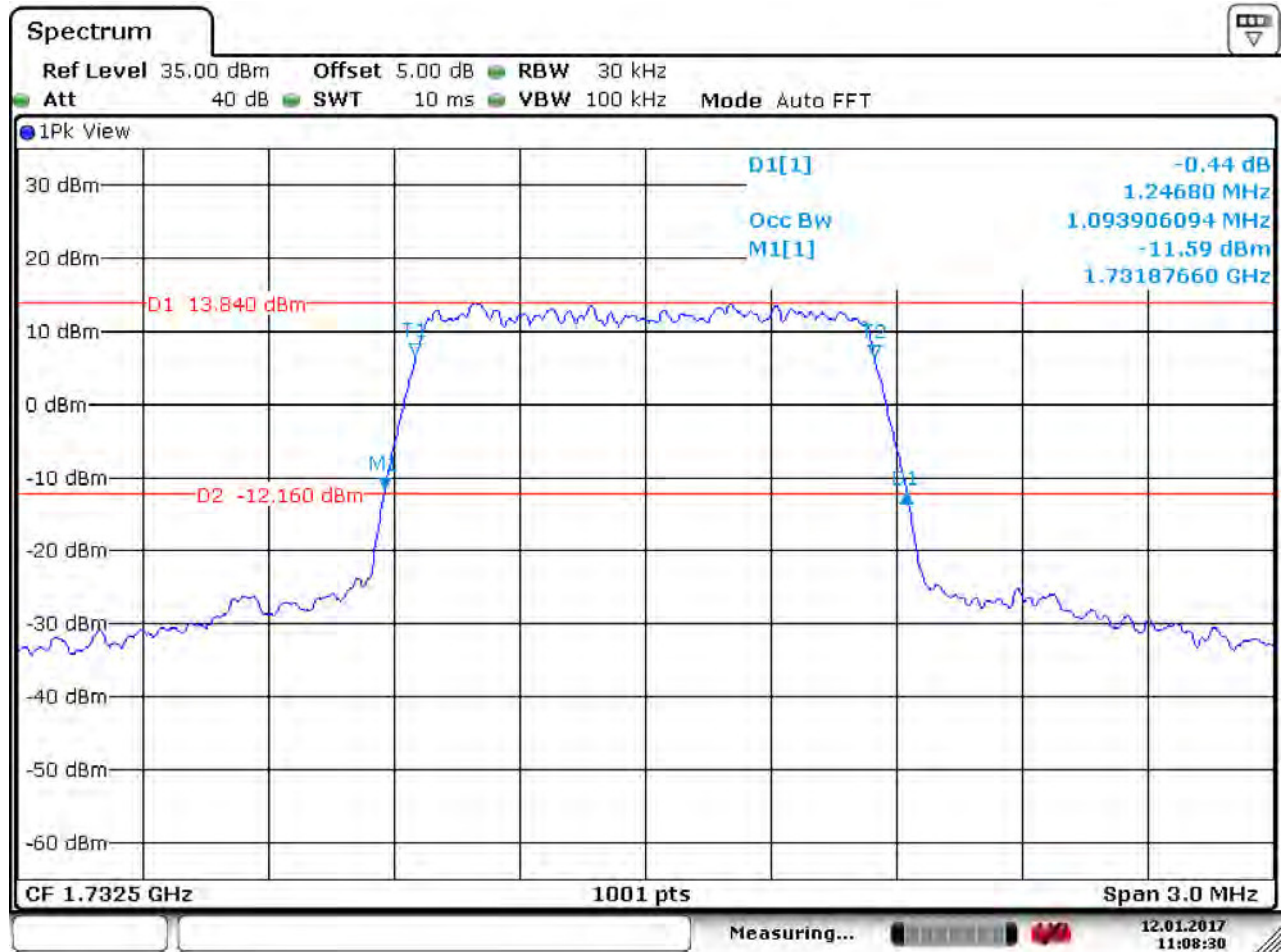


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4.1.1.2.2 Test Channel = MCH

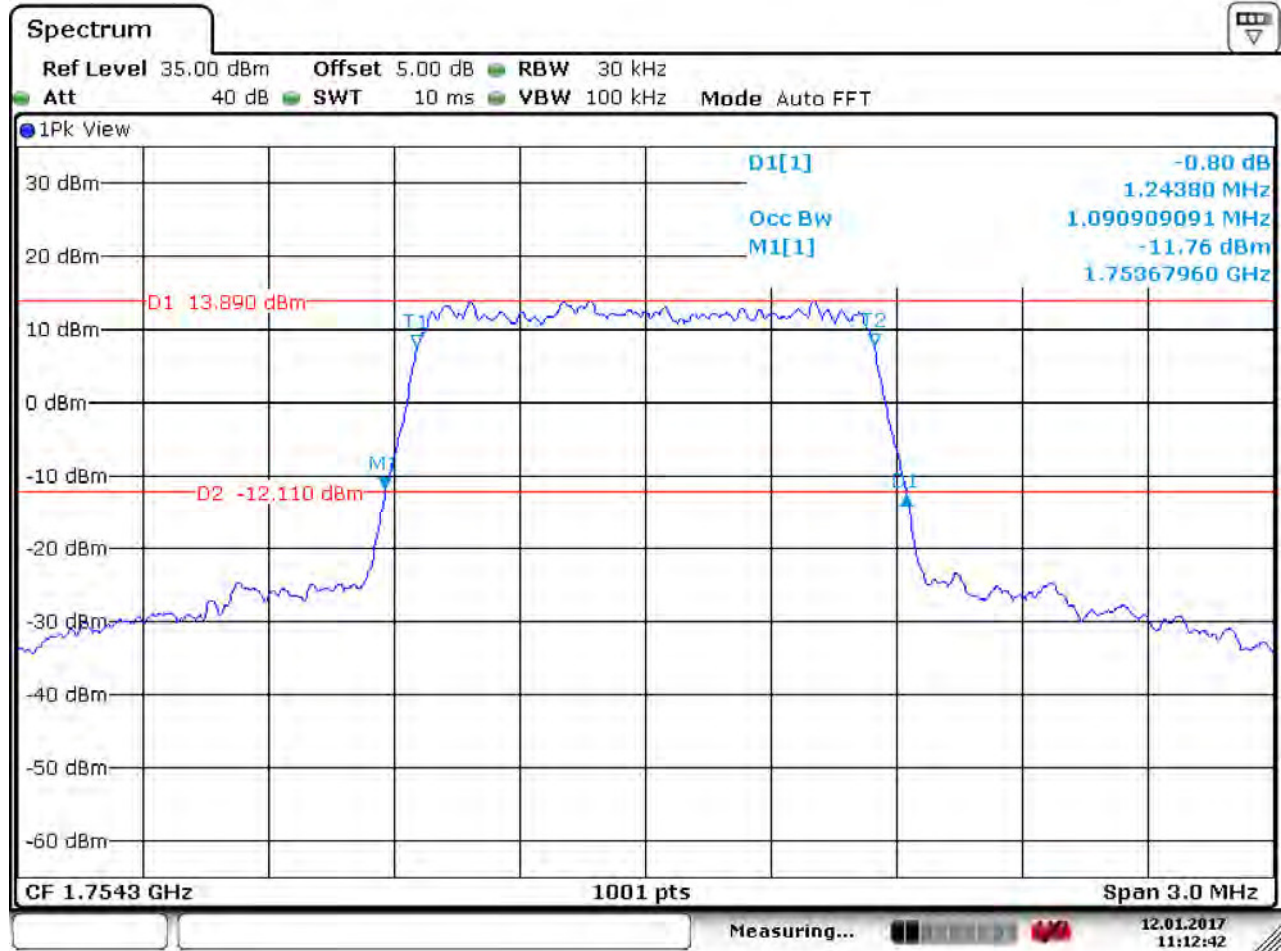


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4.1.1.2.3 Test Channel = HCH

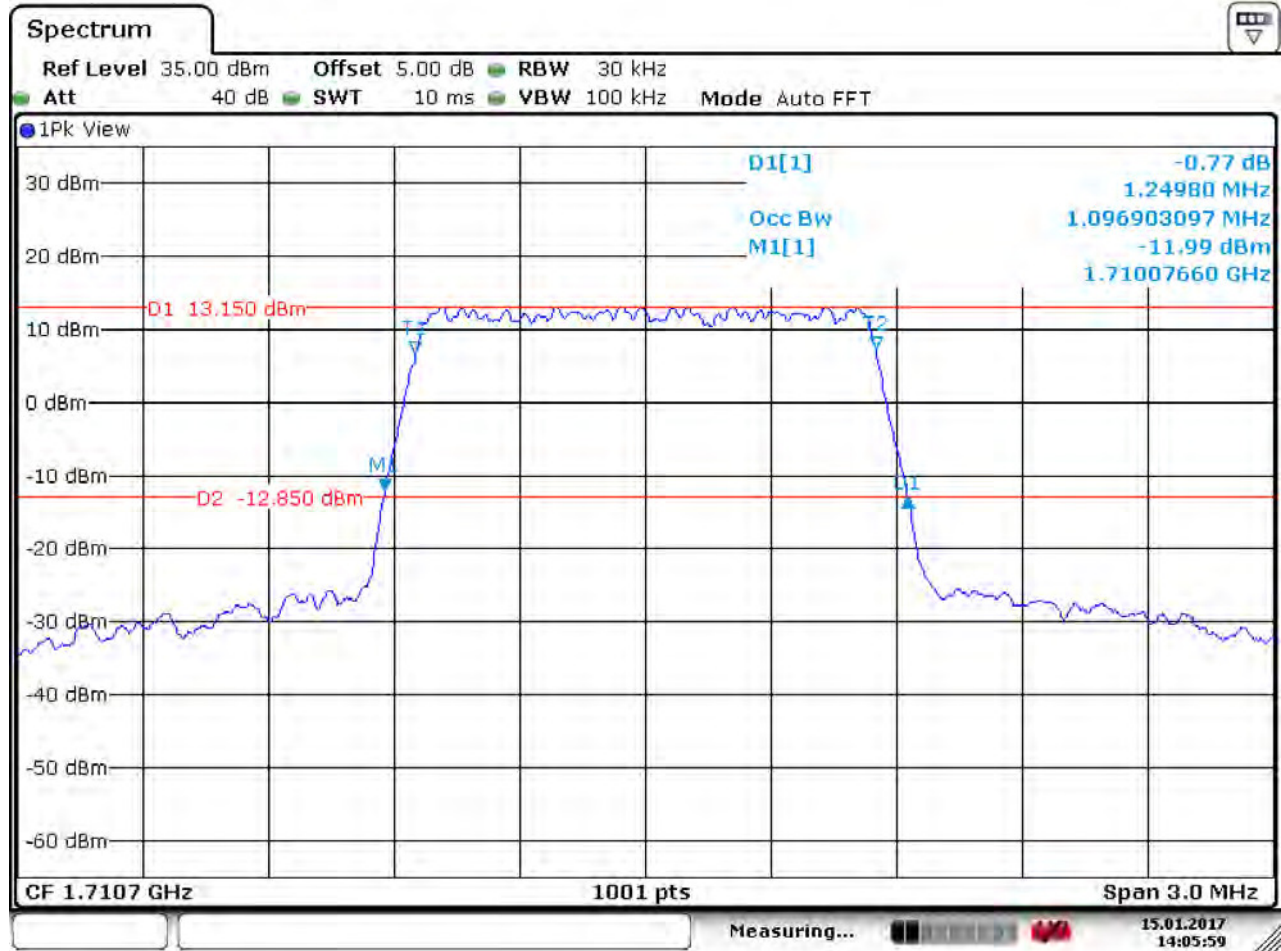


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4.1.1.3 Test Mode = LTE/TM3 1.4MHz

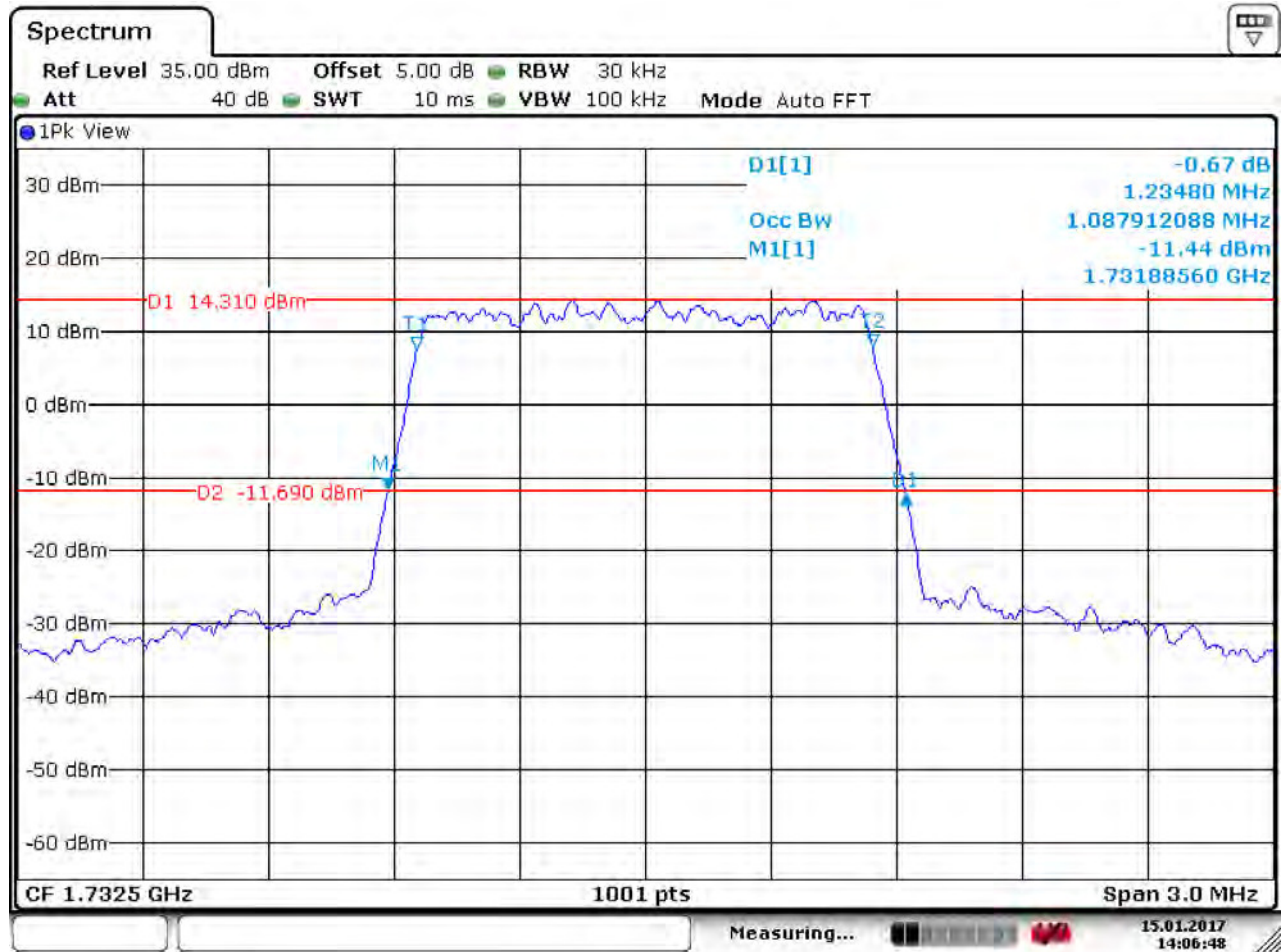
4.1.1.3.1 Test Channel = LCH



Date: 15.JAN.2017 14:05:59



4.1.1.3.2 Test Channel = MCH

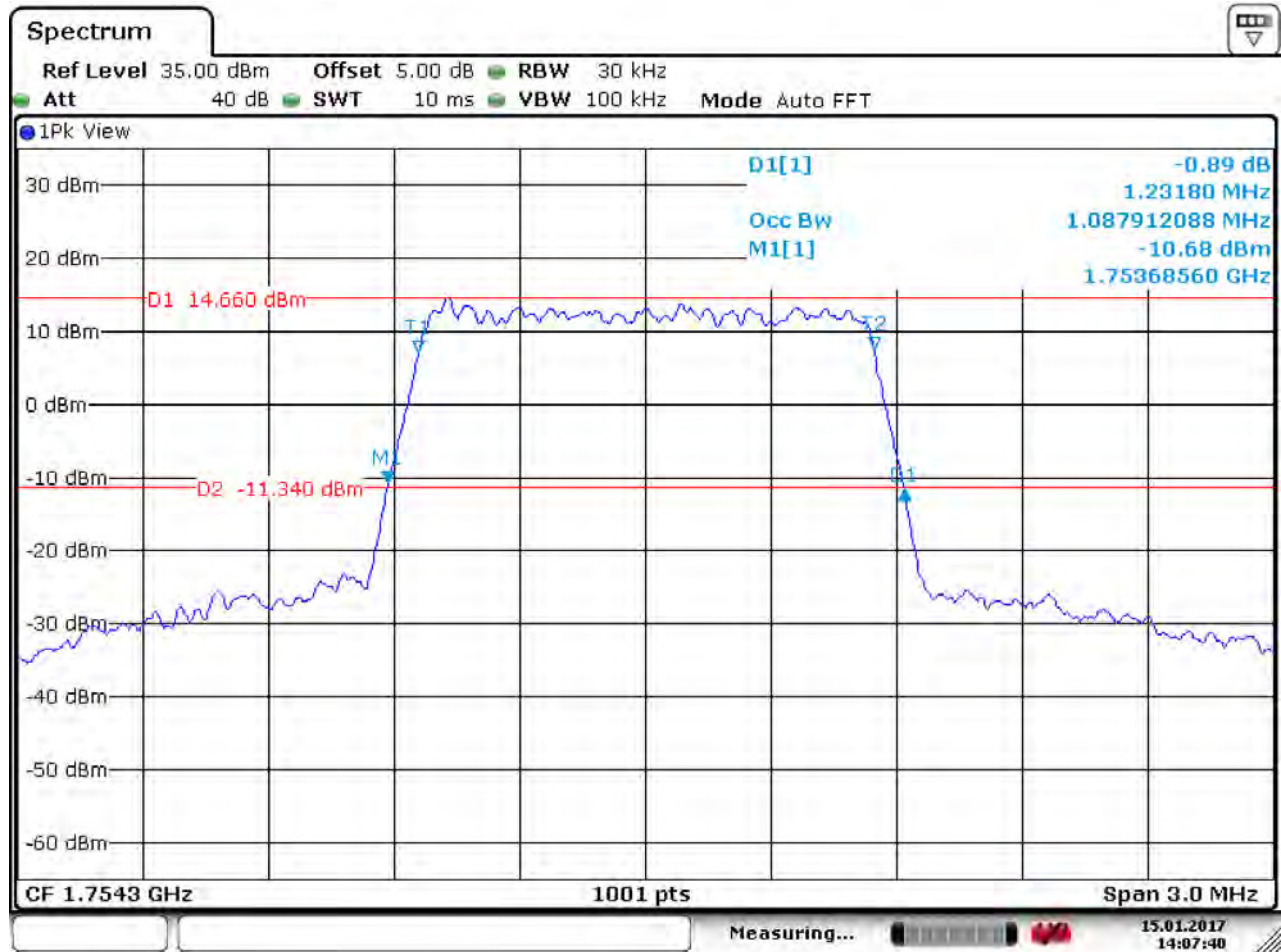


Date: 15.JAN.2017 14:06:49

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4.1.1.3.3 Test Channel = HCH

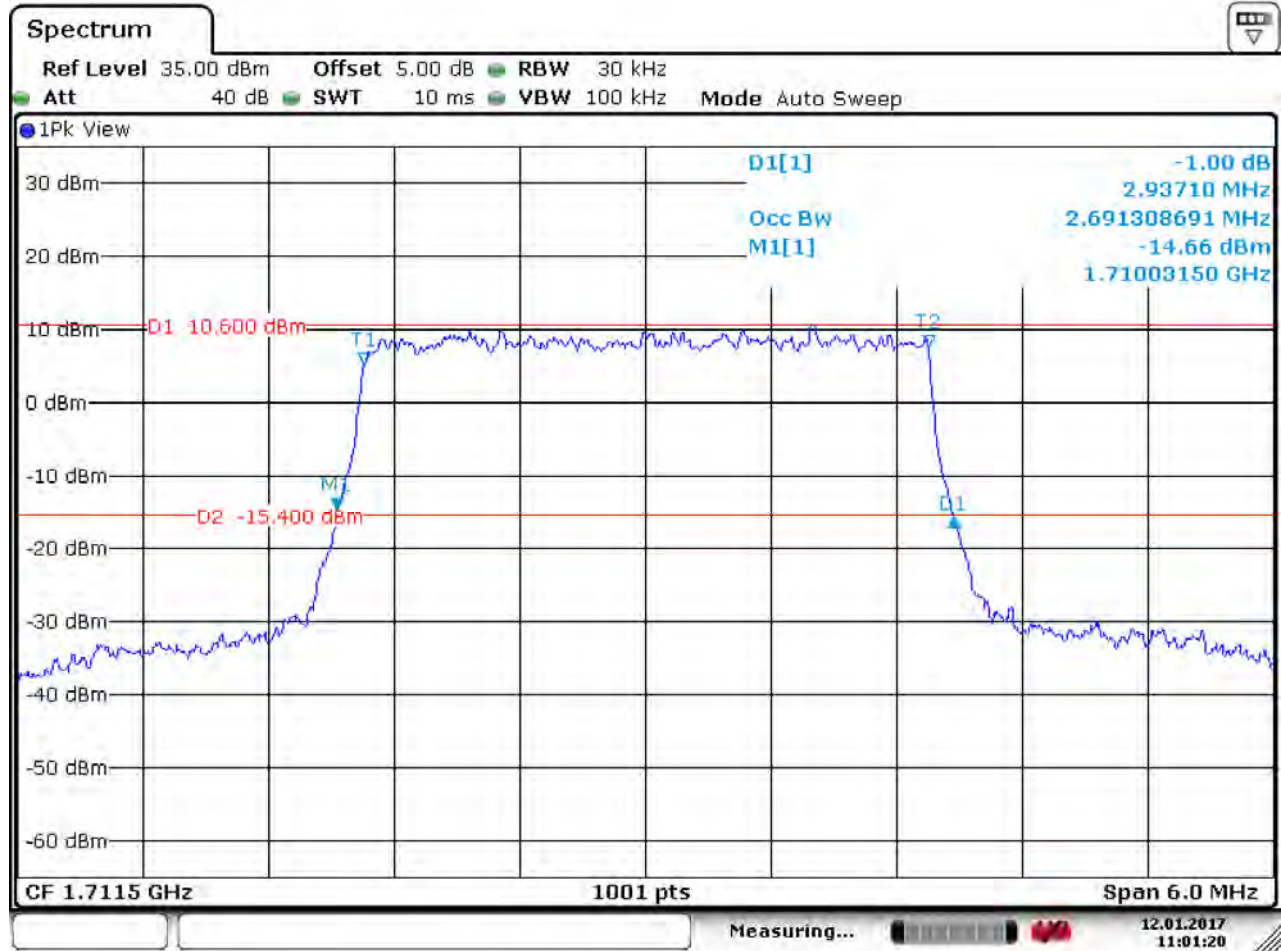


Date: 15.JAN.2017 14:07:41

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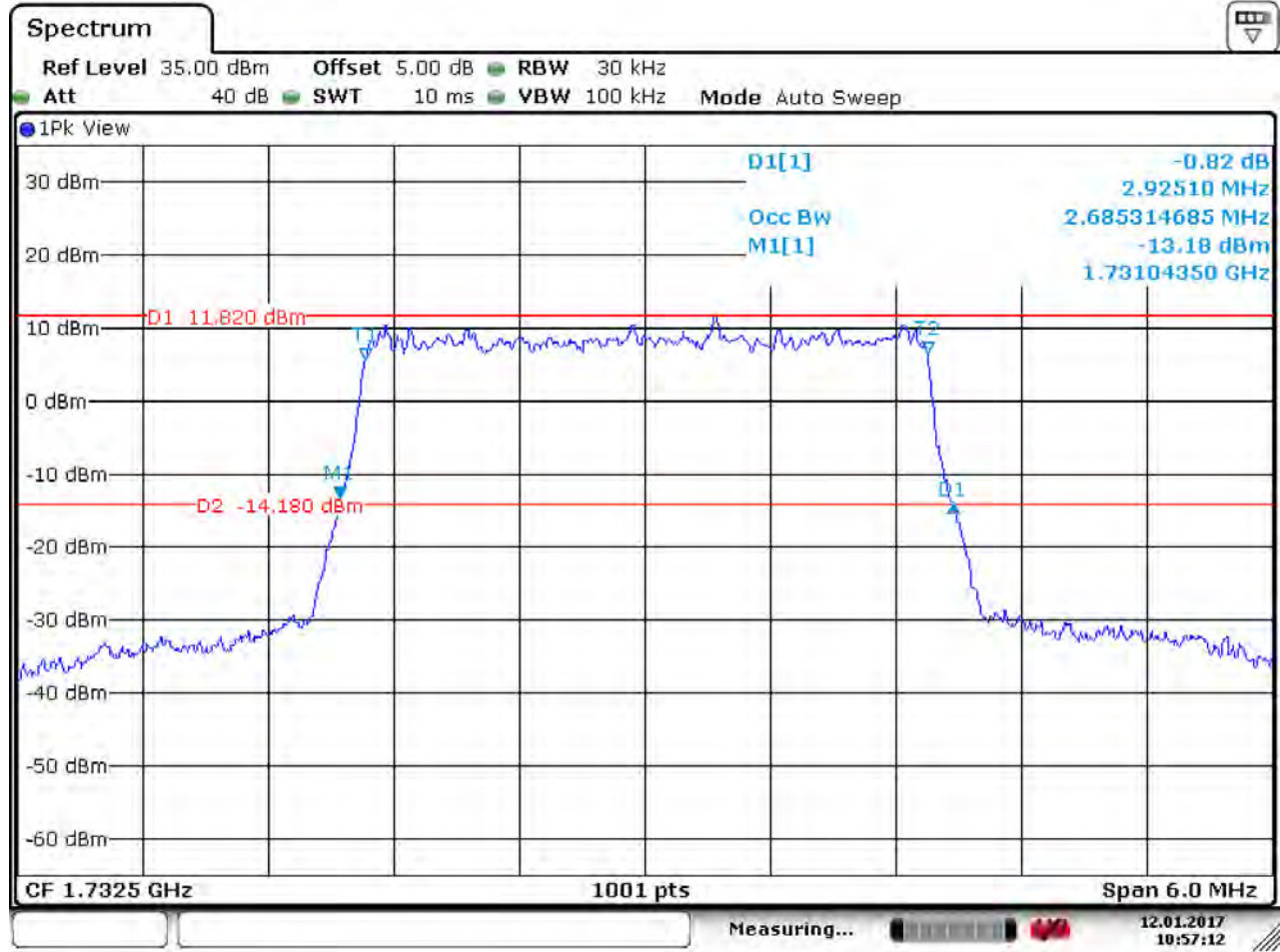
4.1.1.4 Test Mode = LTE/TM1 3MHz

4.1.1.4.1 Test Channel = LCH



Date: 12.JAN.2017 11:01:20

4.1.1.4.2 Test Channel = MCH

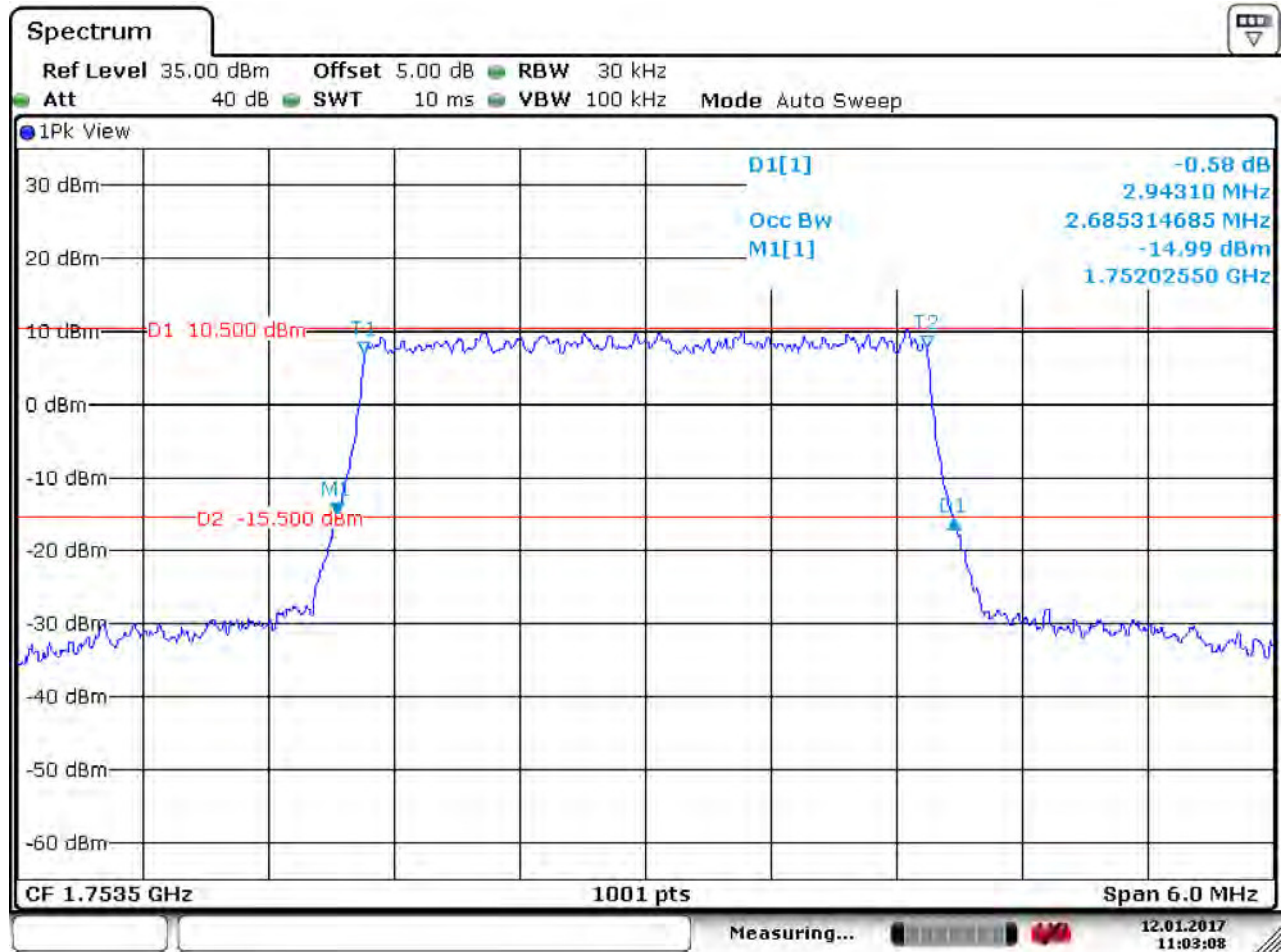


Date: 12.JAN.2017 10:57:13

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4.1.1.4.3 Test Channel = HCH

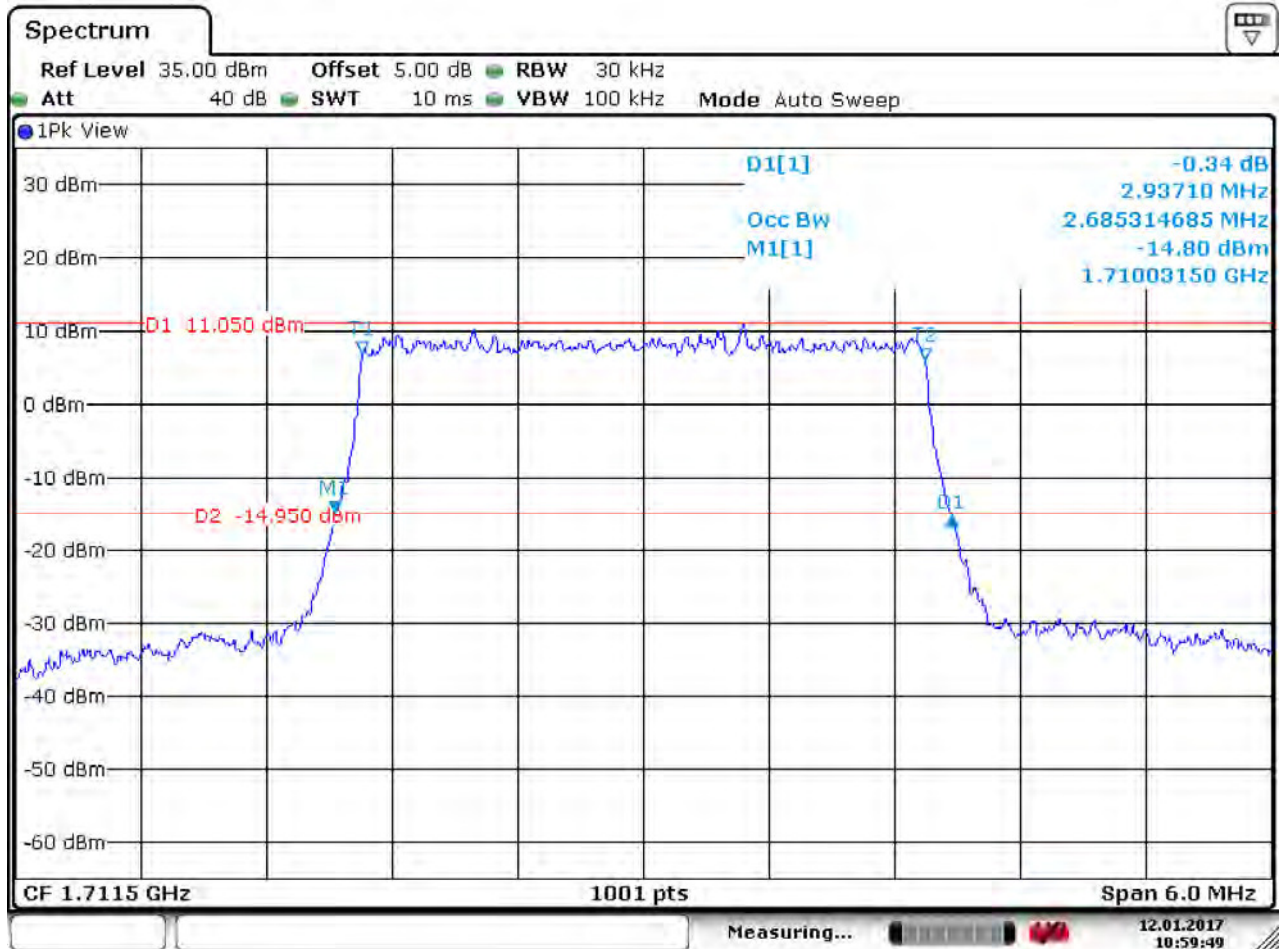


Date: 12.JAN.2017 11:03:08

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4.1.1.5 Test Mode = LTE/TM2 3MHz

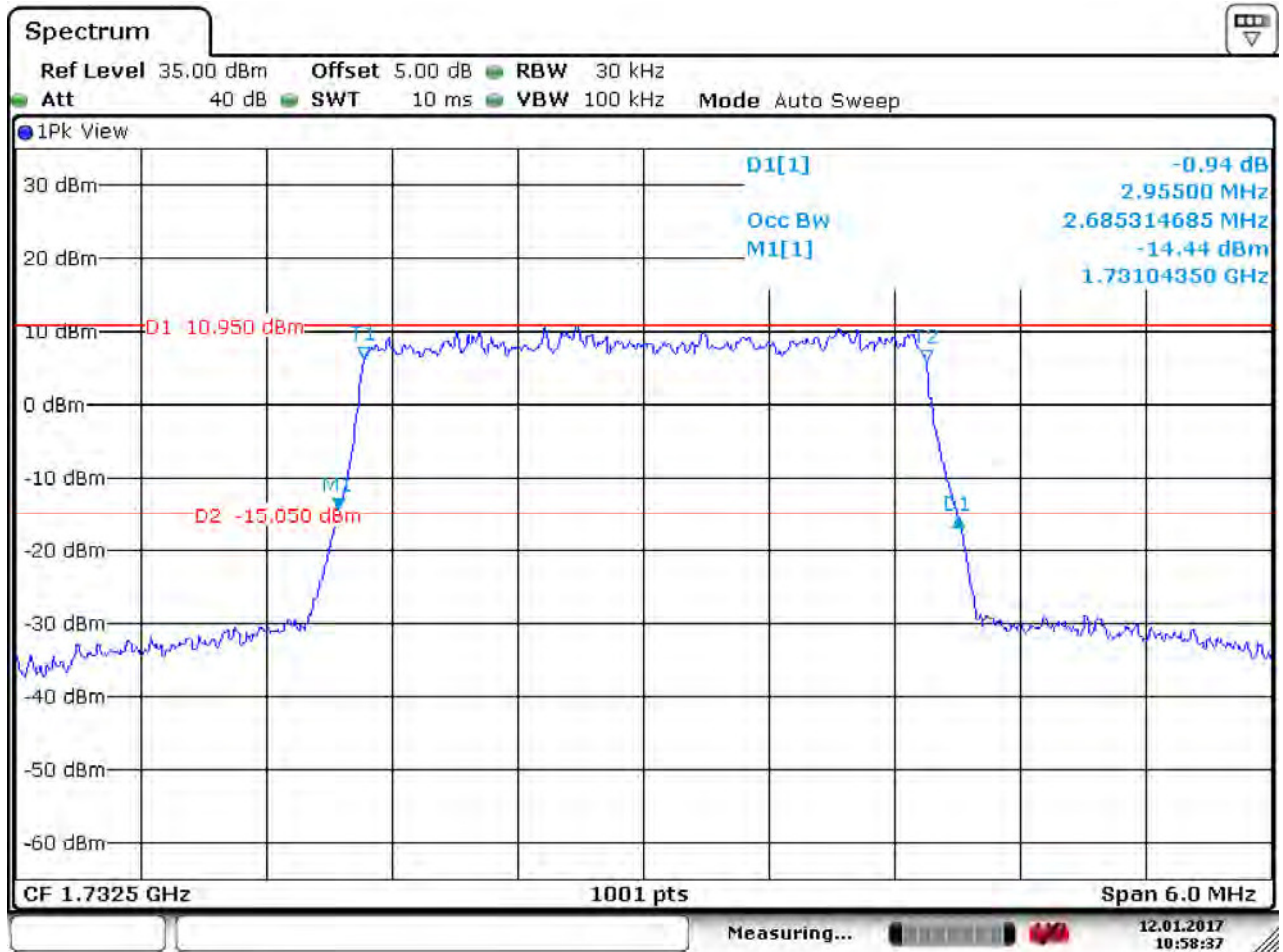
4.1.1.5.1 Test Channel = LCH



Date: 12.JAN.2017 10:59:50



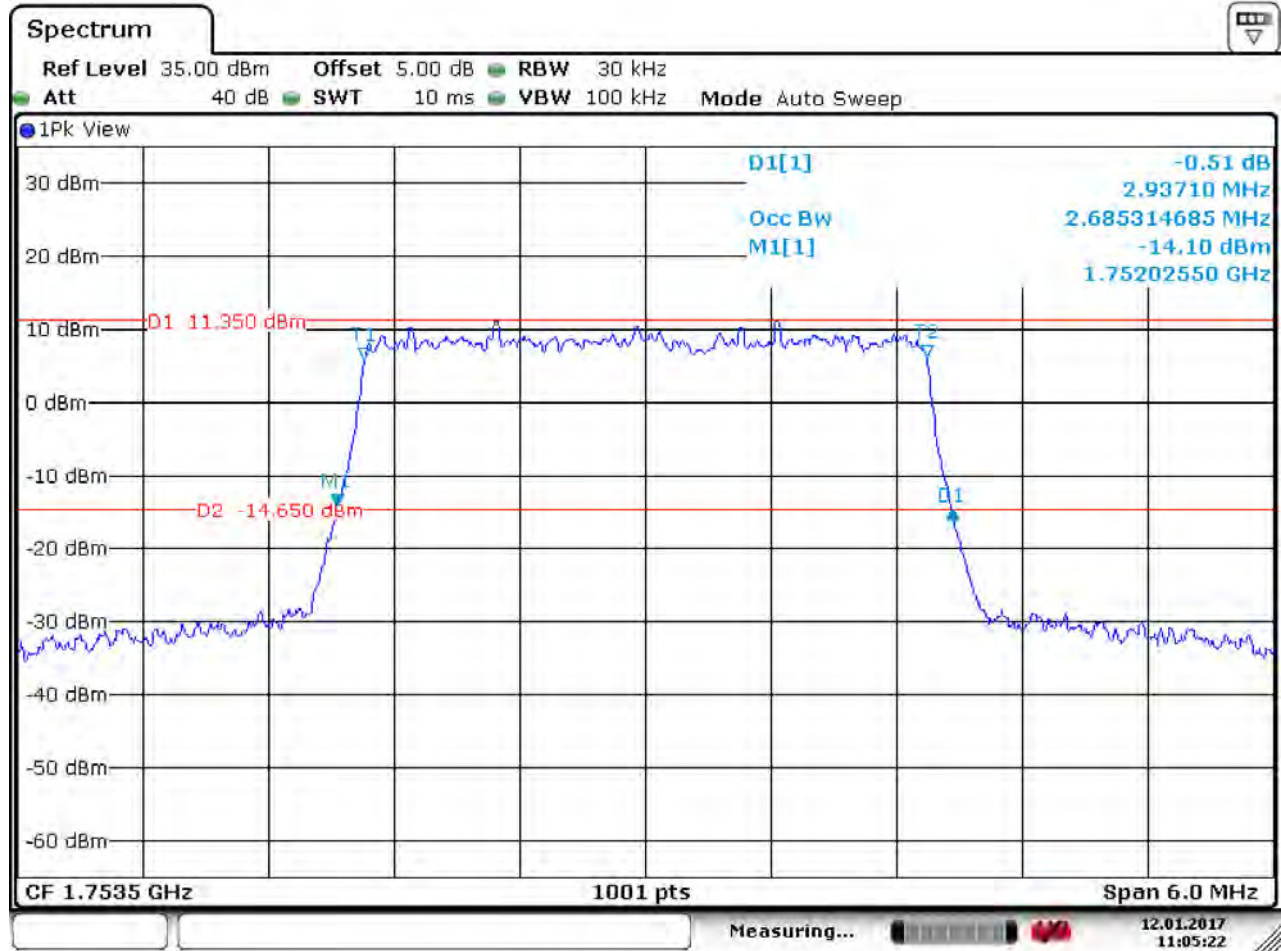
4.1.1.5.2 Test Channel = MCH



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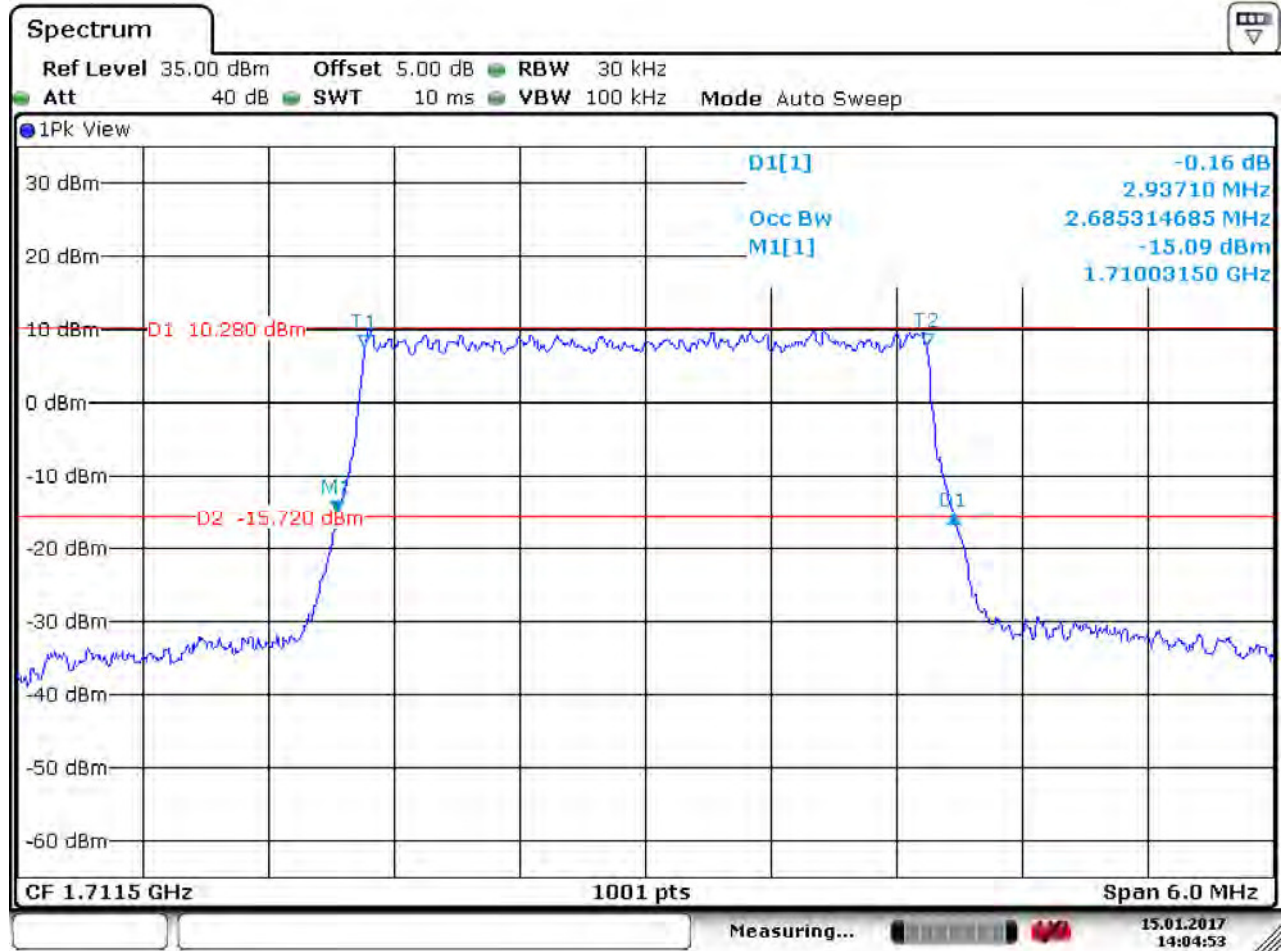
4.1.1.5.3 Test Channel = HCH



Date: 12.JAN.2017 11:05:23

4.1.1.6 Test Mode = LTE/TM3 3MHz

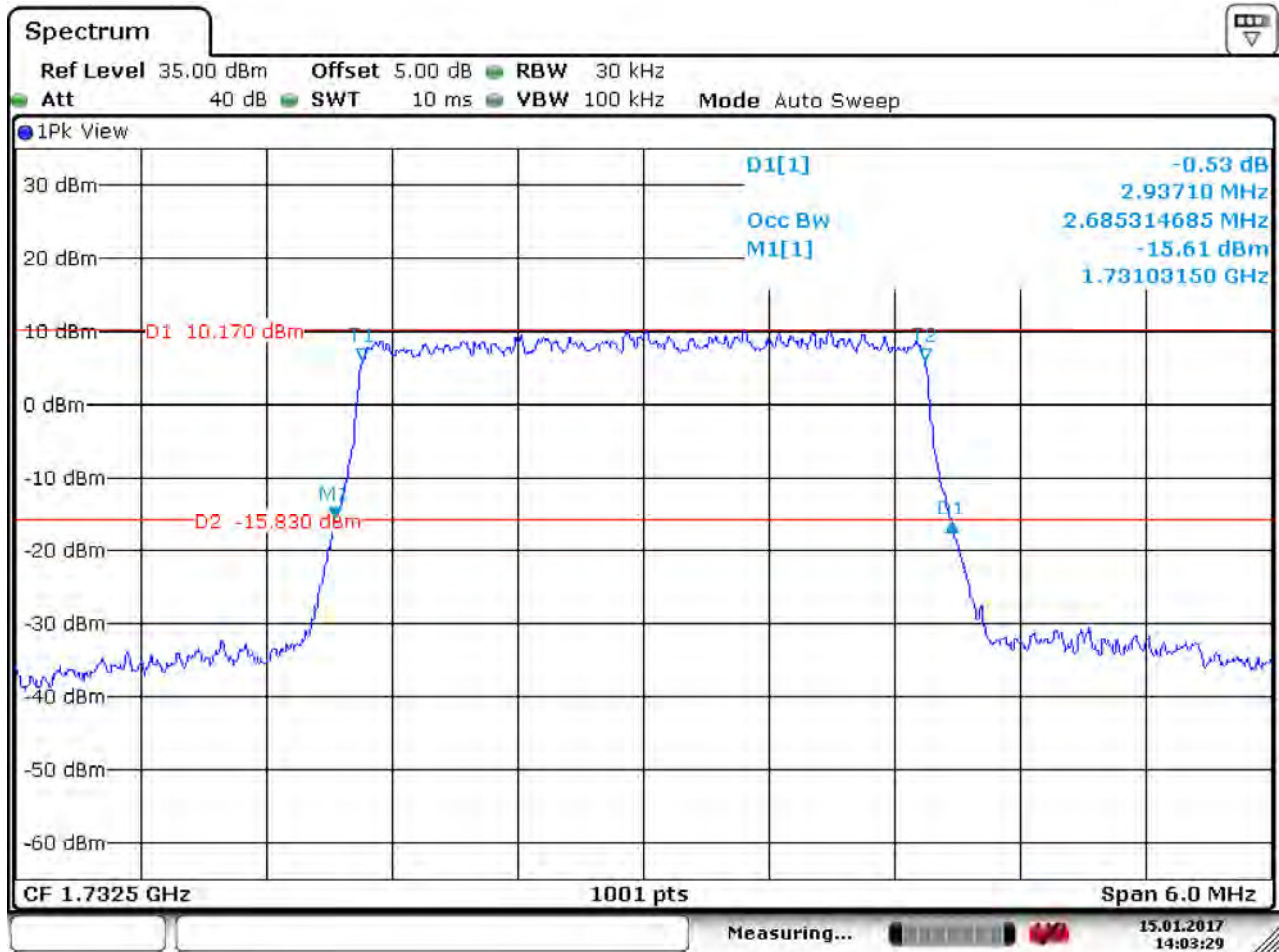
4.1.1.6.1 Test Channel = LCH



Date: 15.JAN.2017 14:04:53



4.1.1.6.2 Test Channel =MCH

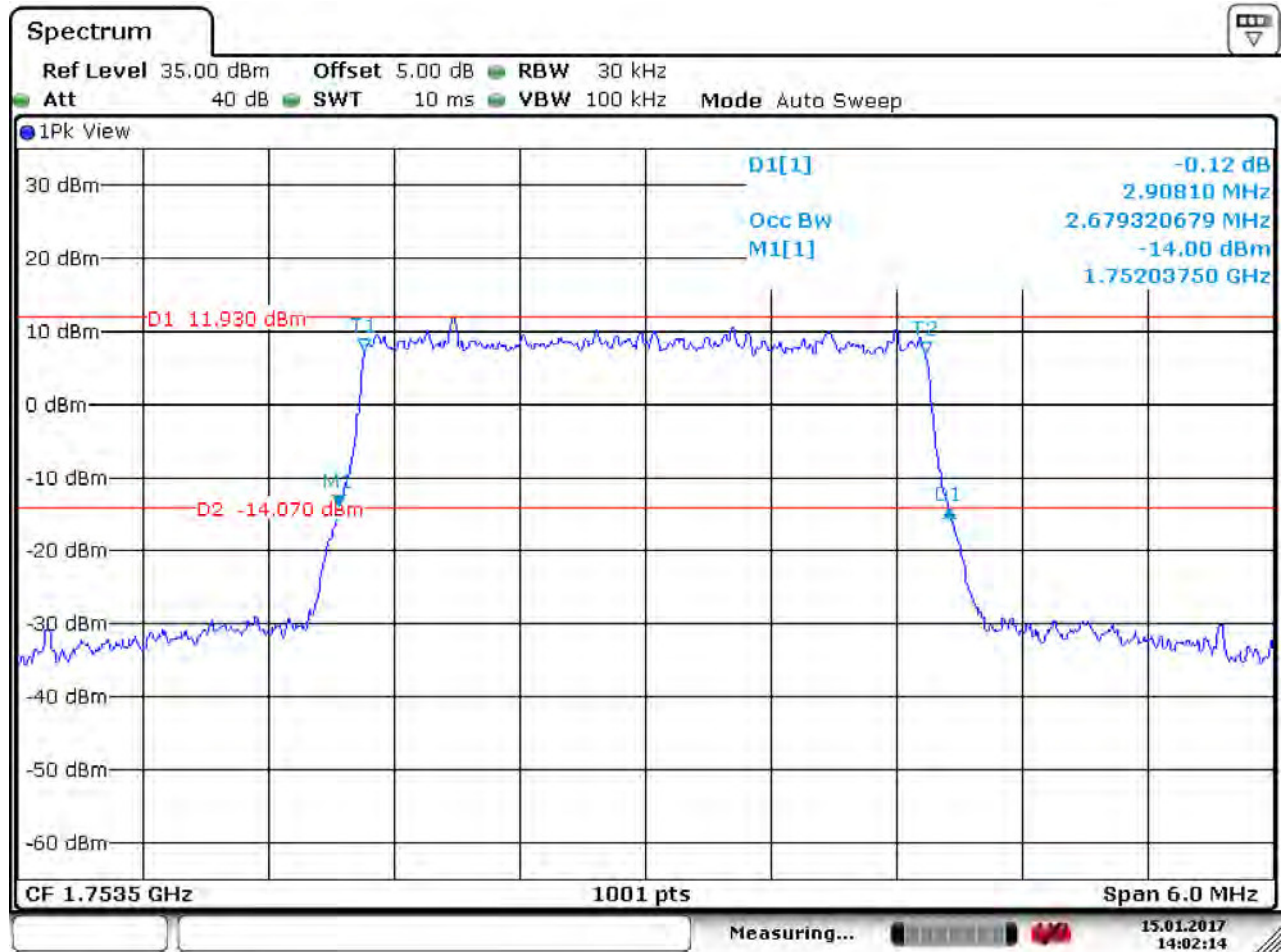


Date: 15.JAN.2017 14:03:29

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4.1.1.6.3 Test Channel = HCH

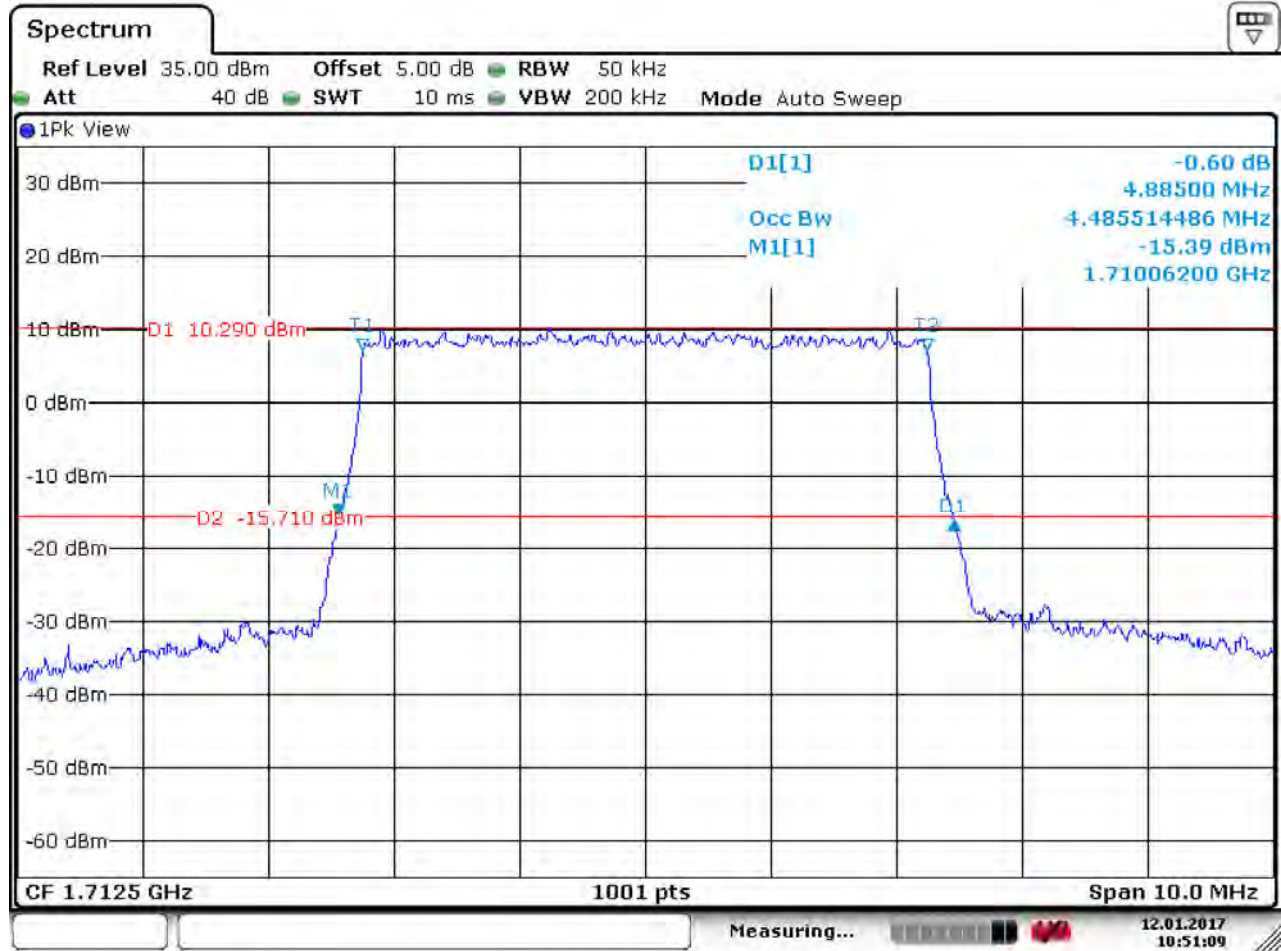


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4.1.1.7 Test Mode = LTE/TM1 5MHz

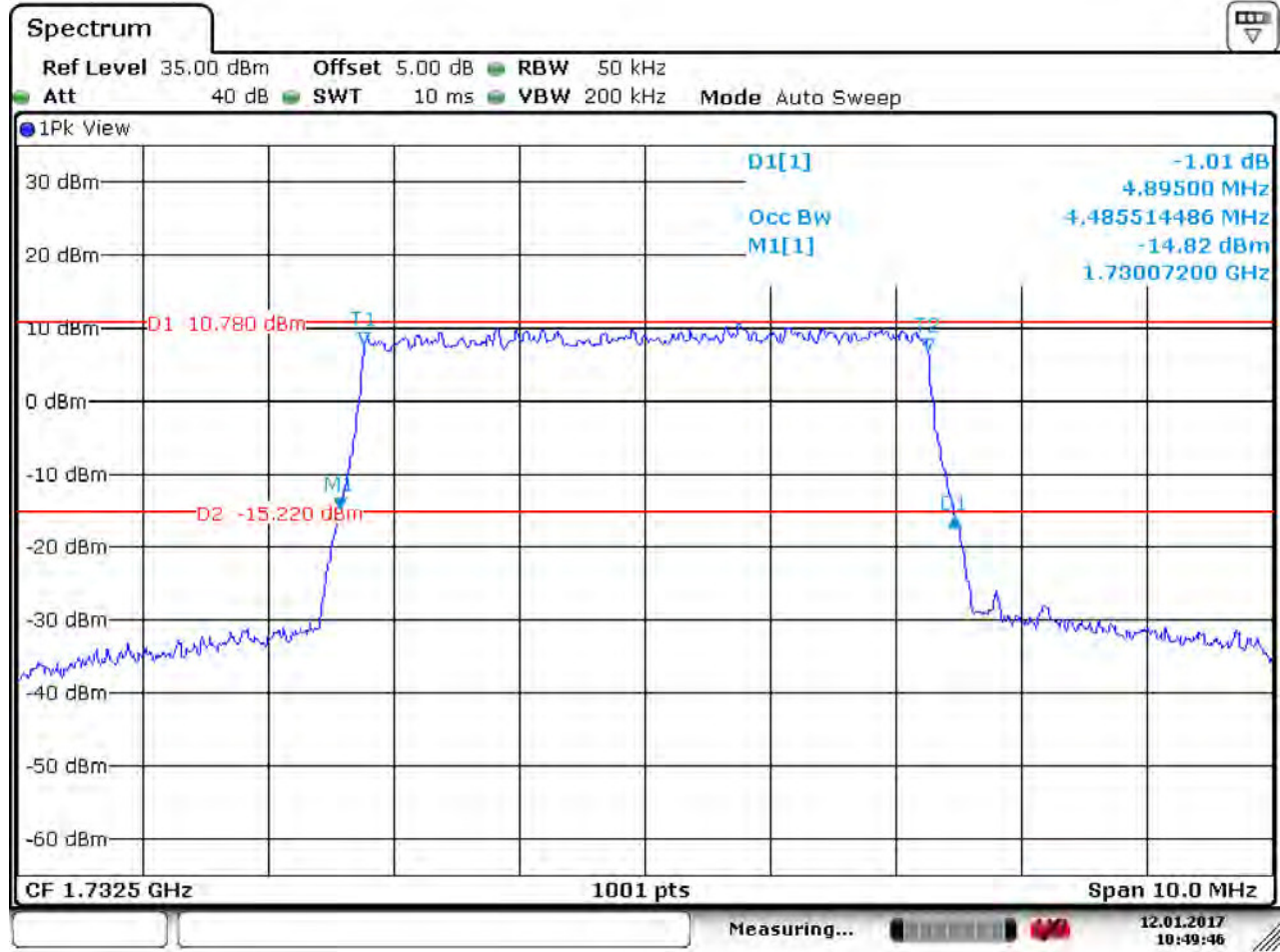
4.1.1.7.1 Test Channel = LCH



Date: 12.JAN.2017 10:51:09



4.1.1.7.2 Test Channel = MCH

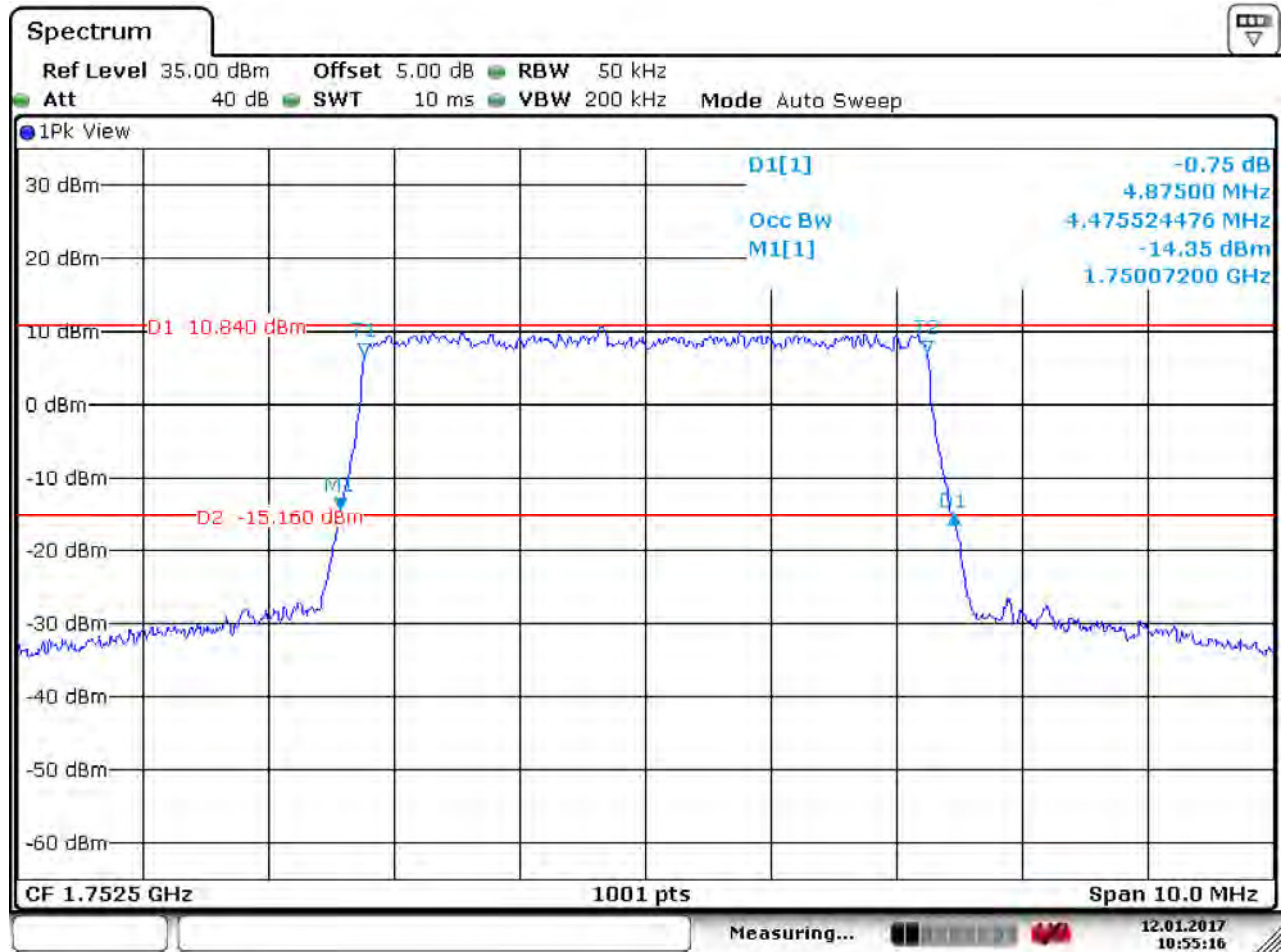


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4.1.1.7.3 Test Channel = HCH

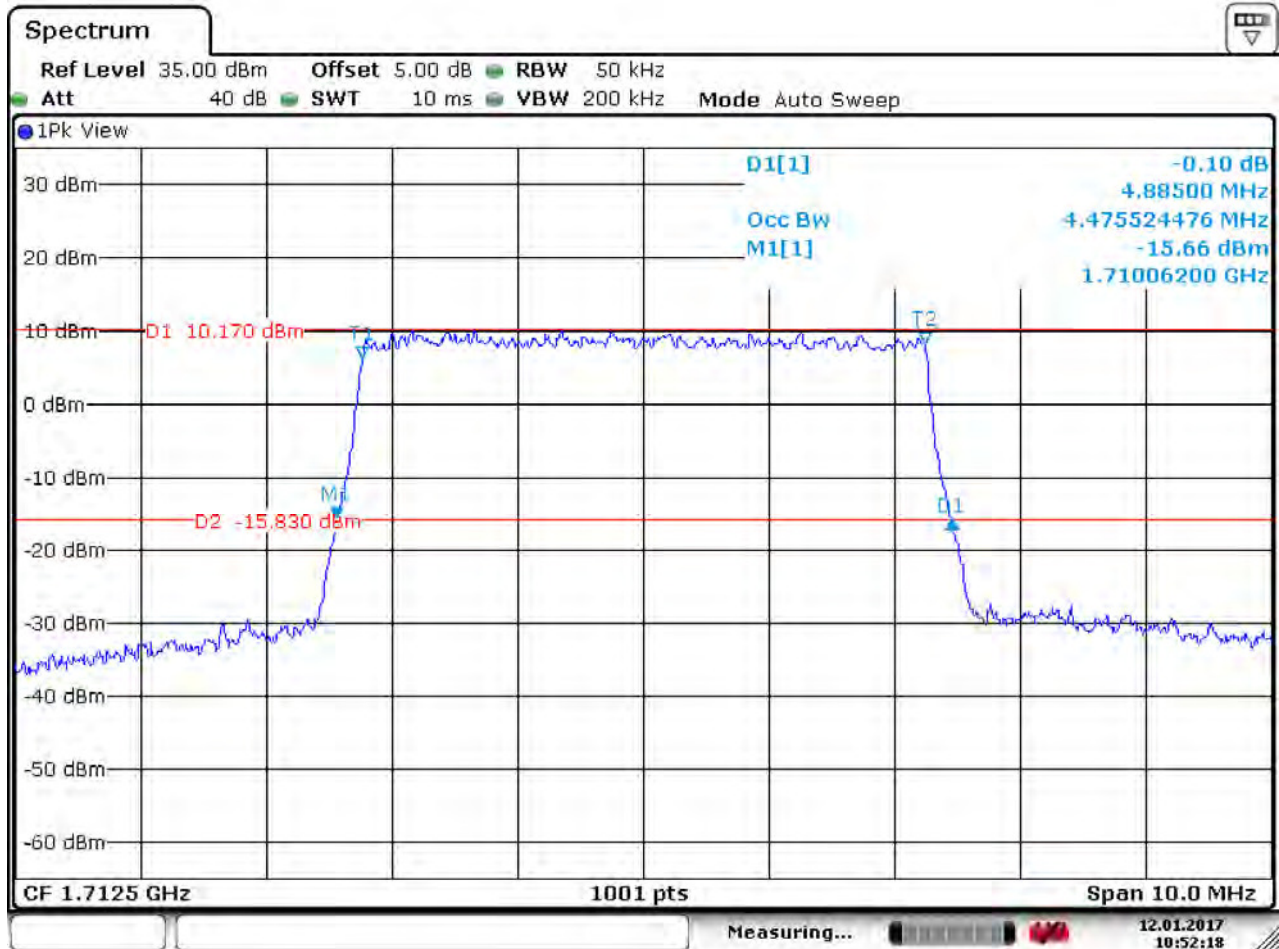


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4.1.1.8 Test Mode = LTE/TM2 5MHz

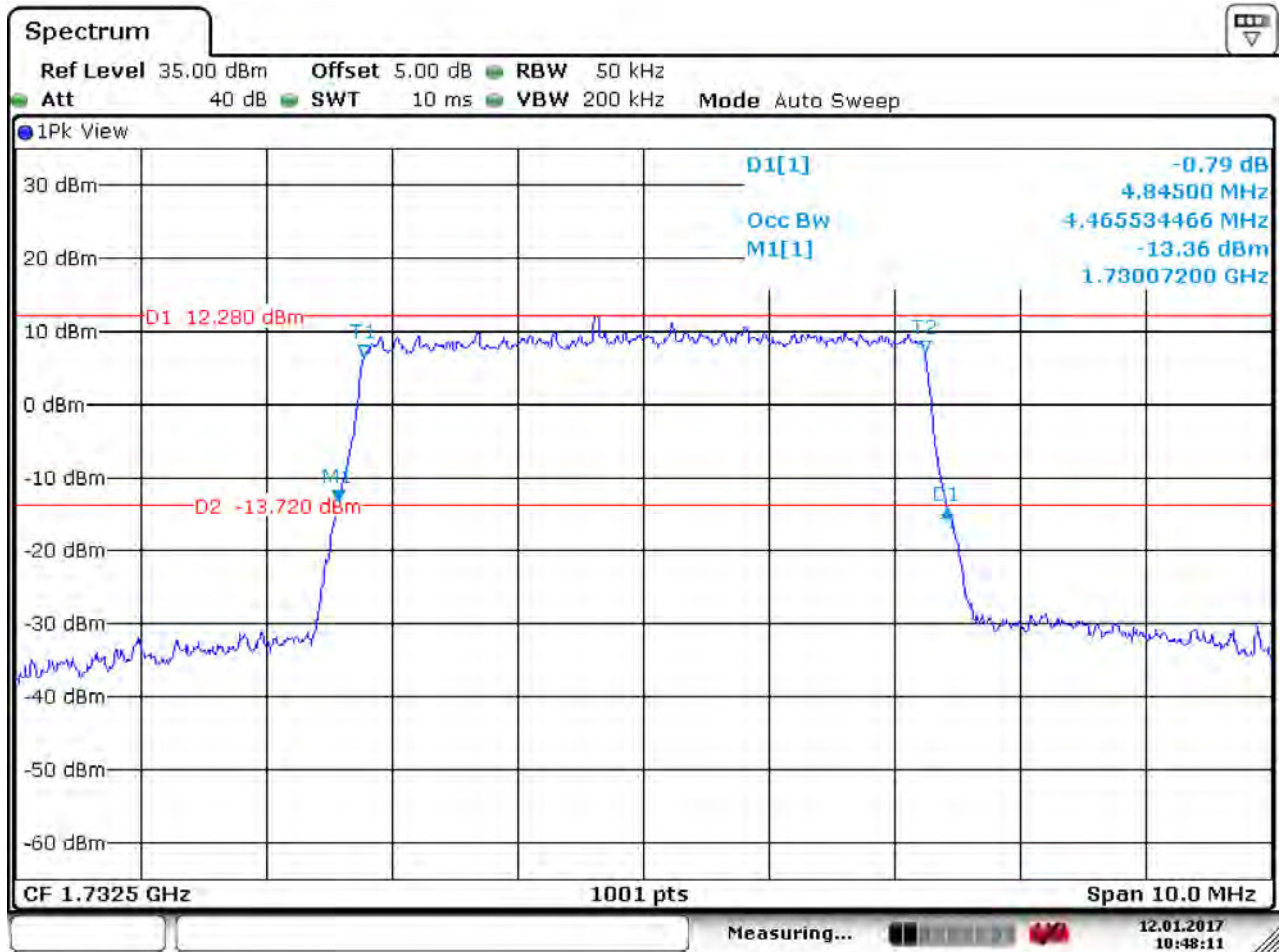
4.1.1.8.1 Test Channel = LCH



Date: 12.JAN.2017 10:52:19



4.1.1.8.2 Test Channel = MCH

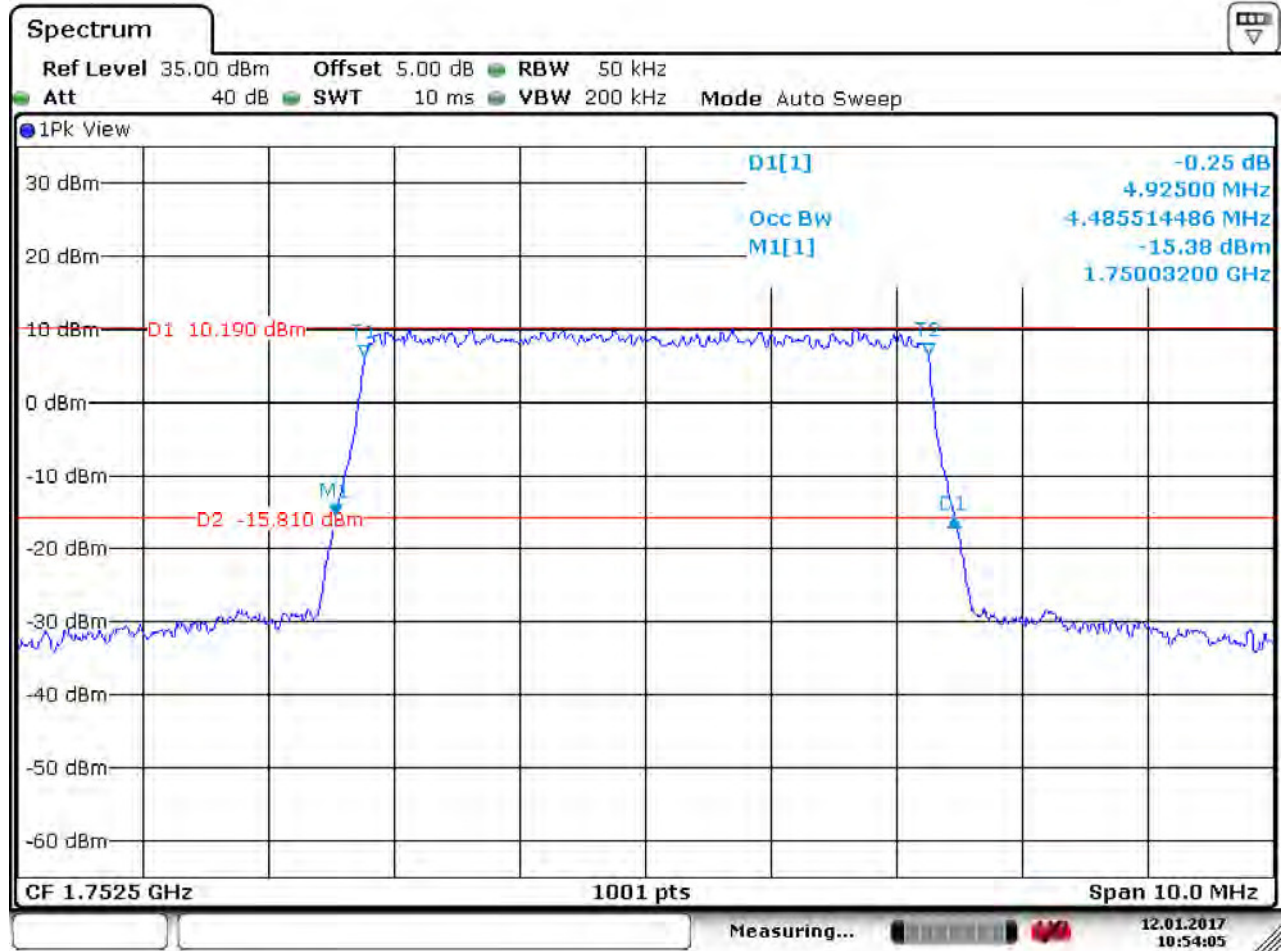


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4.1.1.8.3 Test Channel = HCH

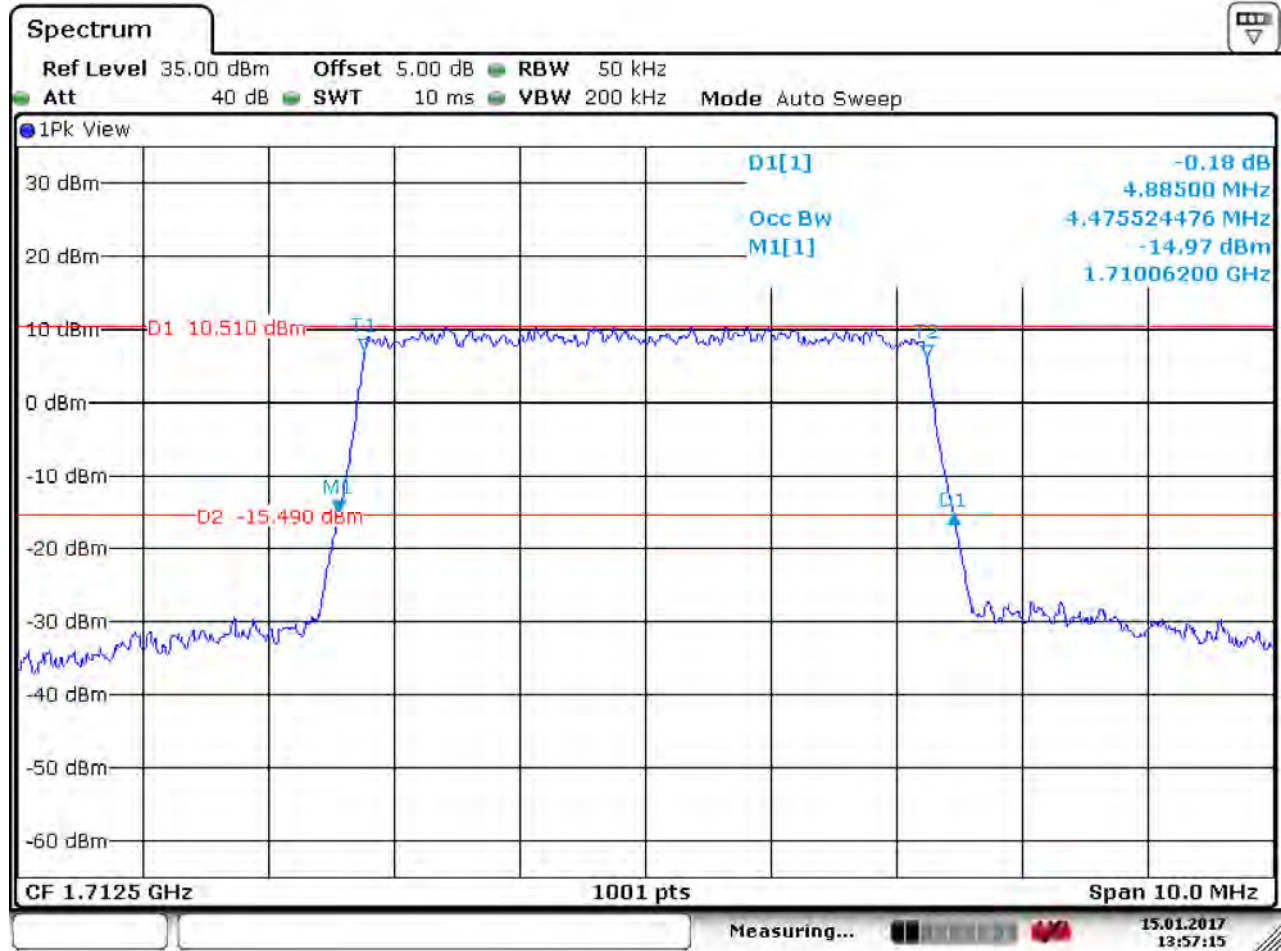


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4.1.1.9 Test Mode = LTE/TM3 5MHz

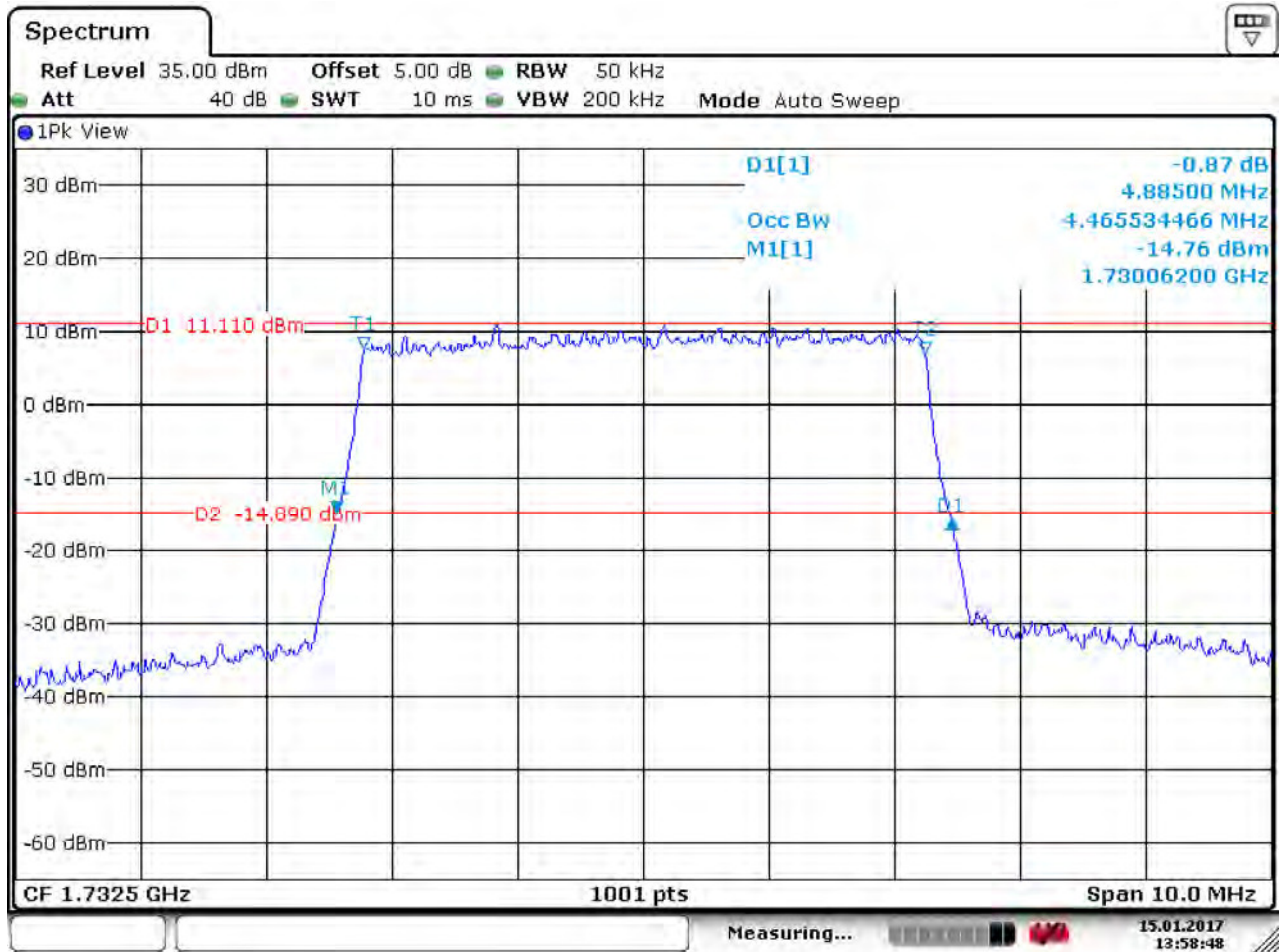
4.1.1.9.1 Test Channel = LCH



Date: 15.JAN.2017 13:57:15



4.1.1.9.2 Test Channel = MCH

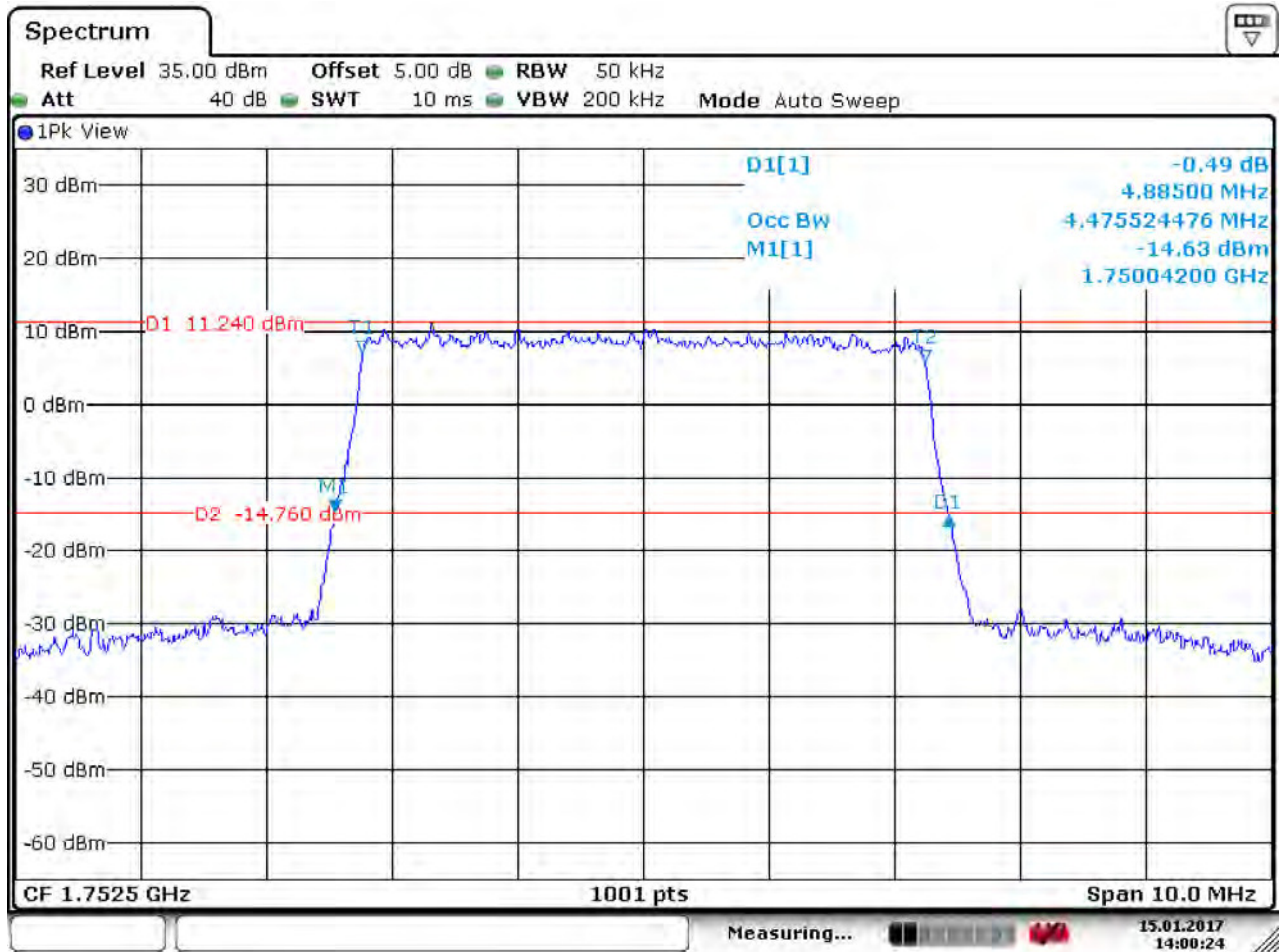


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4.1.1.9.3 Test Channel = HCH



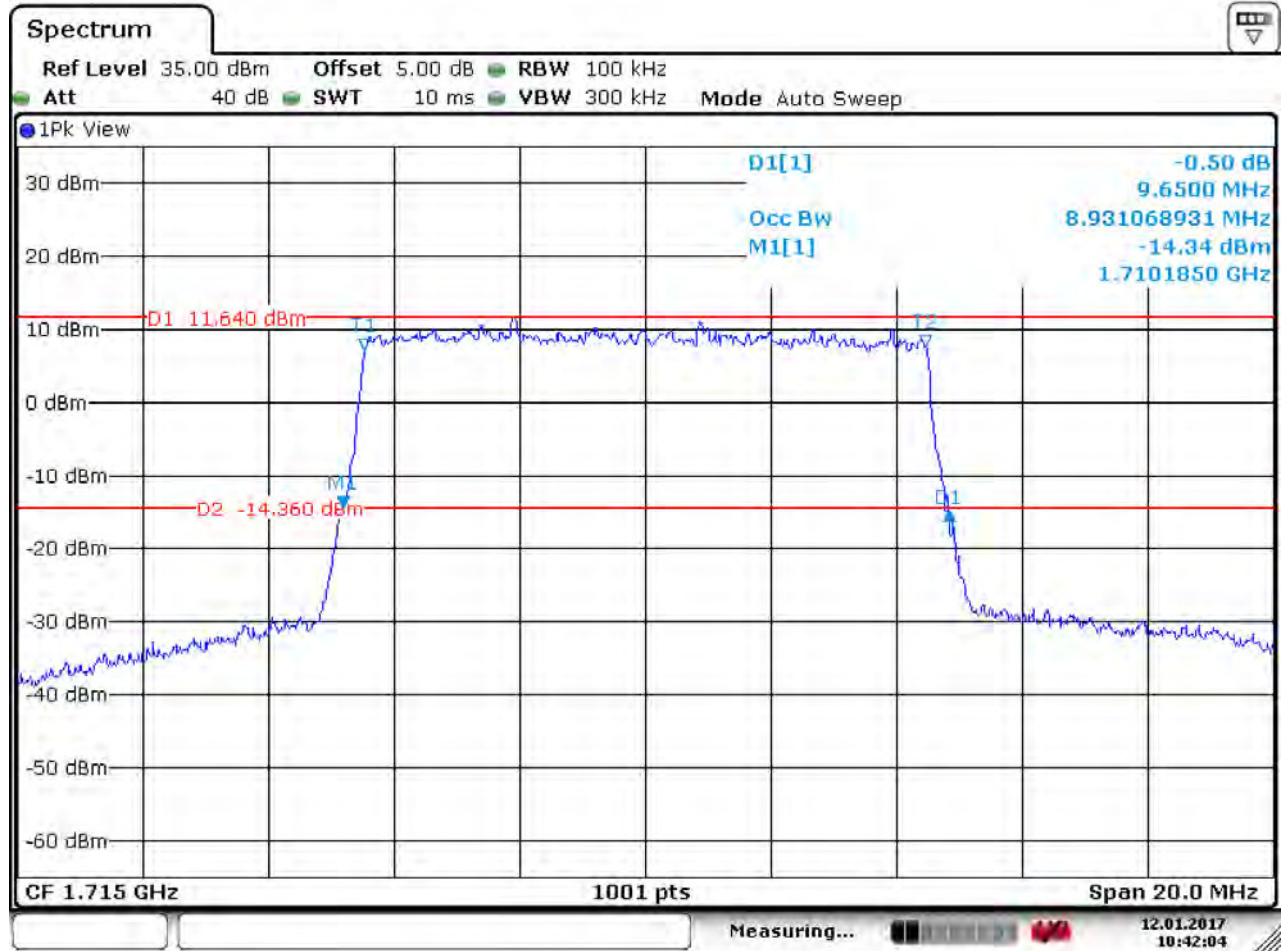
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4.1.1.10 Test Mode = LTE/TM1 10MHz

4.1.1.10.1 Test Channel = LCH

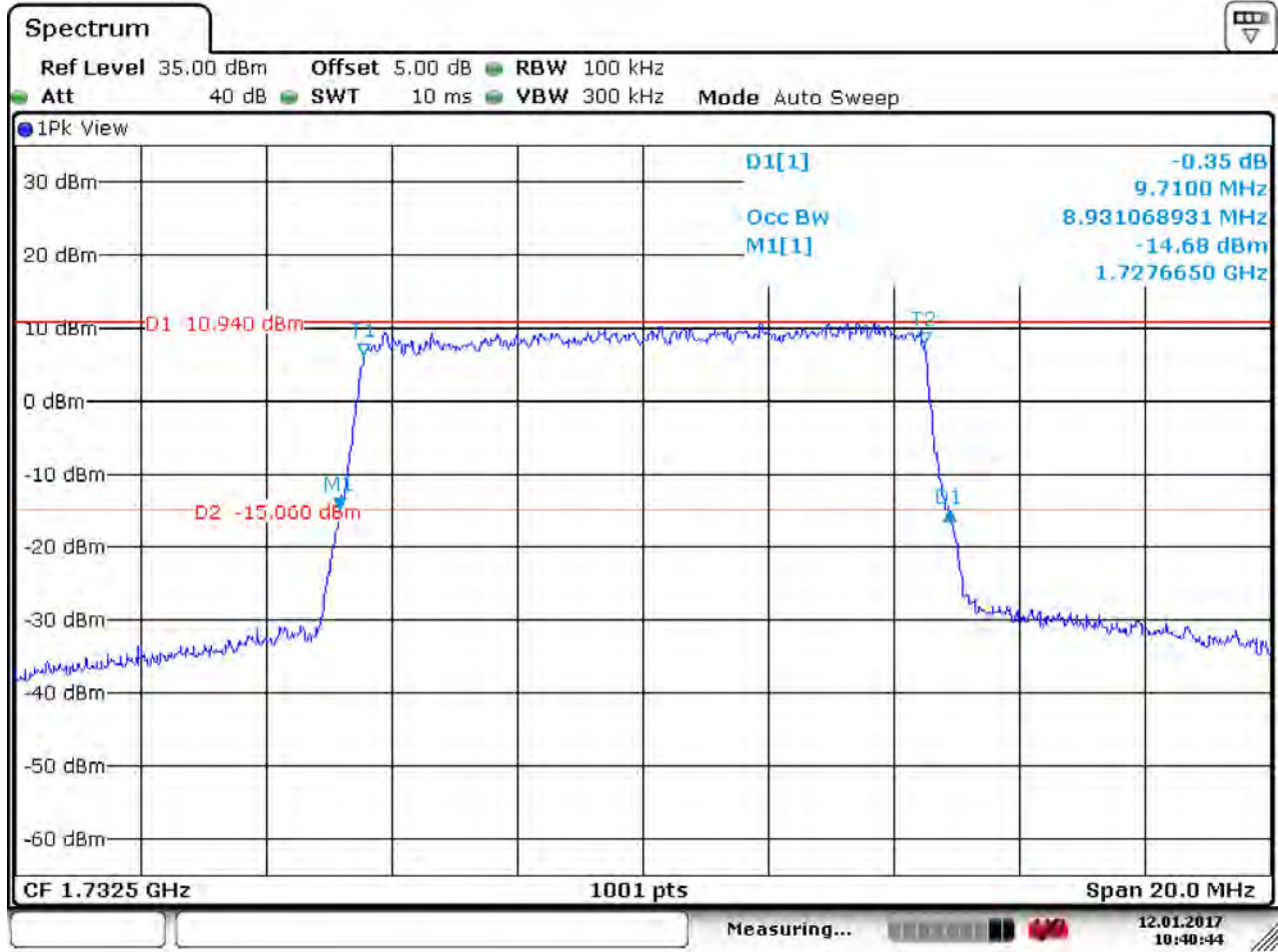


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4.1.1.10.2 Test Channel = MCH

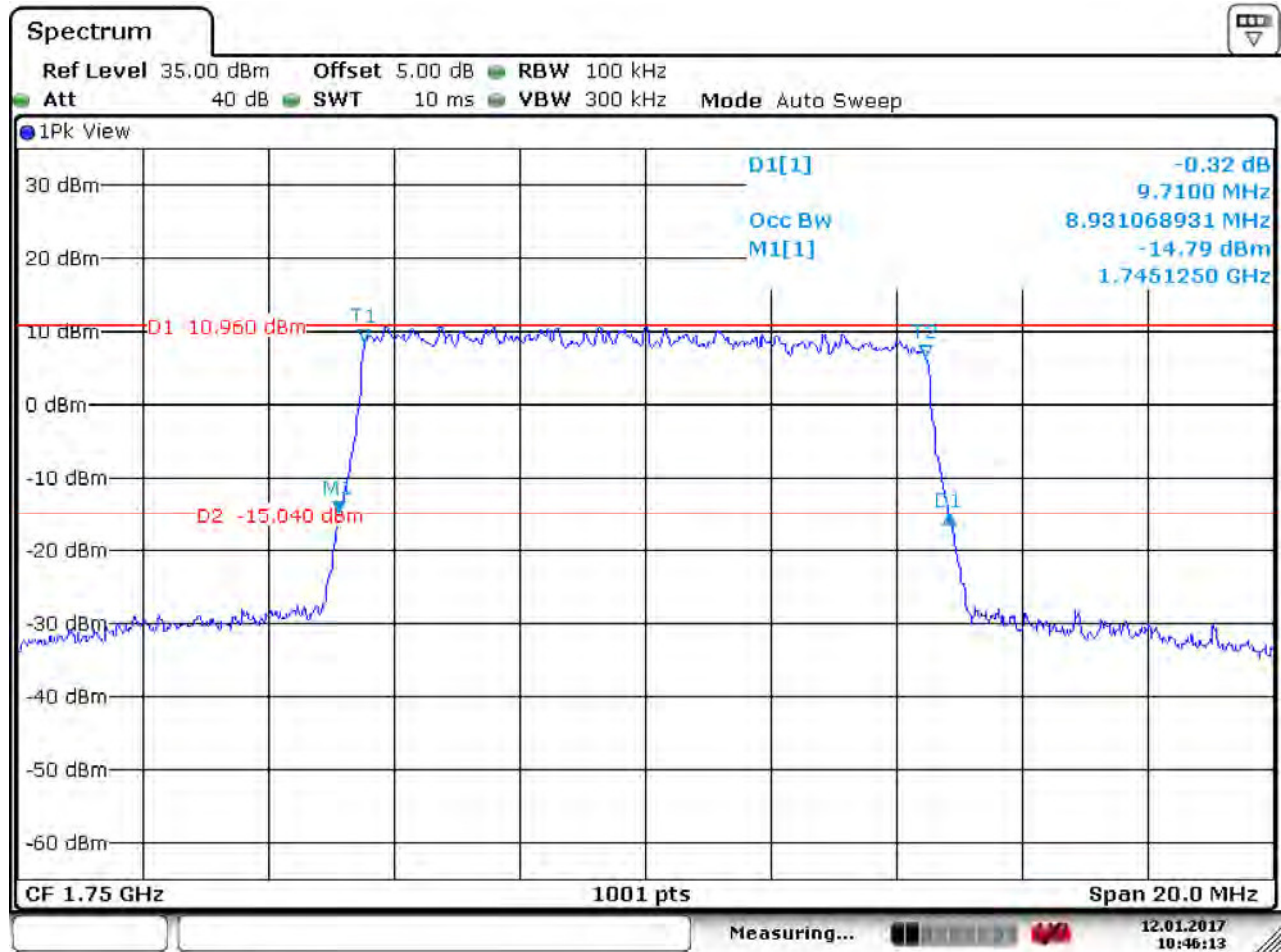


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4.1.1.10.3 Test Channel = HCH

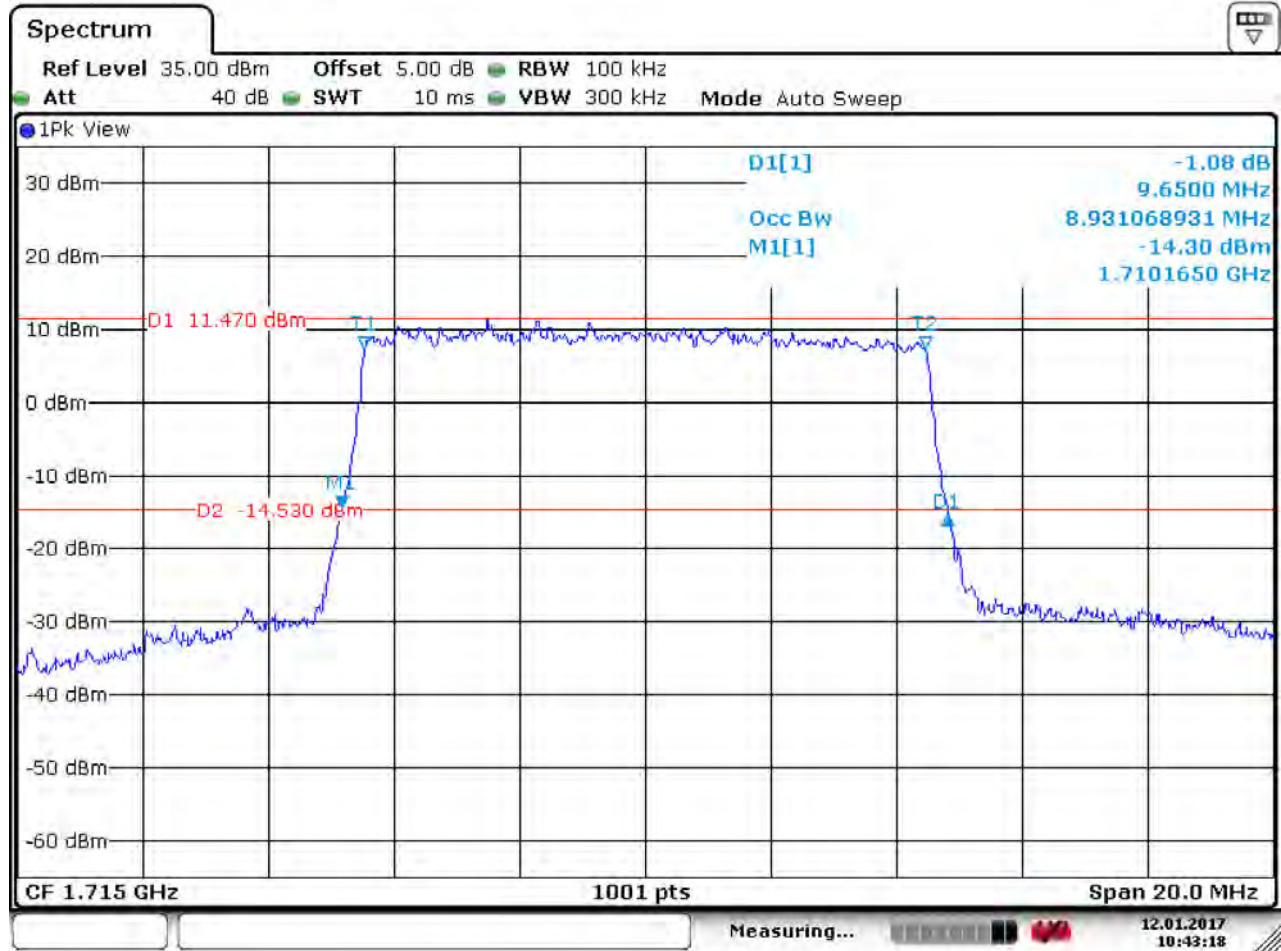


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4.1.1.11 Test Mode = LTE/TM2 10MHz

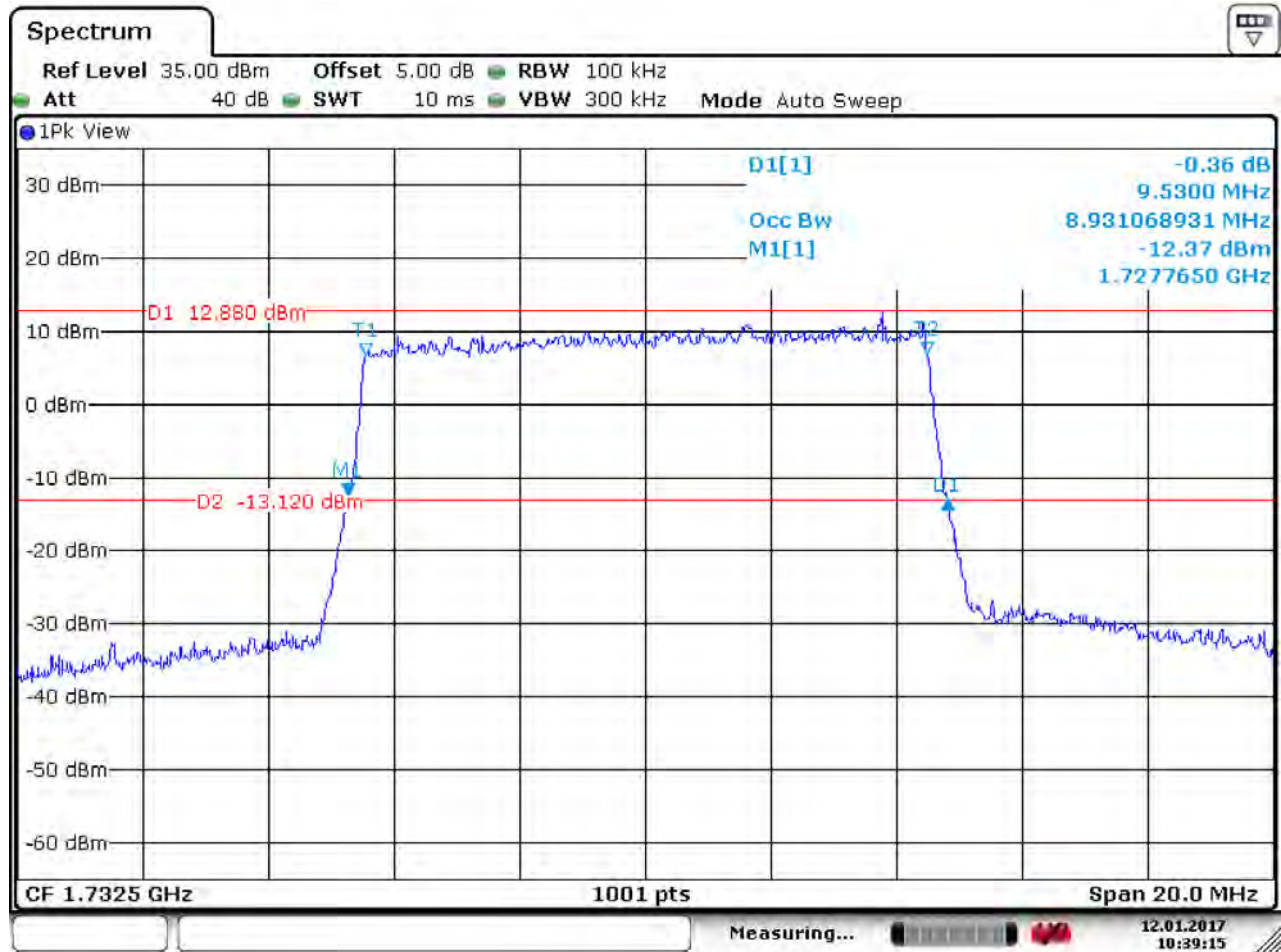
4.1.1.11.1 Test Channel = LCH



Date: 12.JAN.2017 10:43:18



4.1.1.11.2 Test Channel = MCH

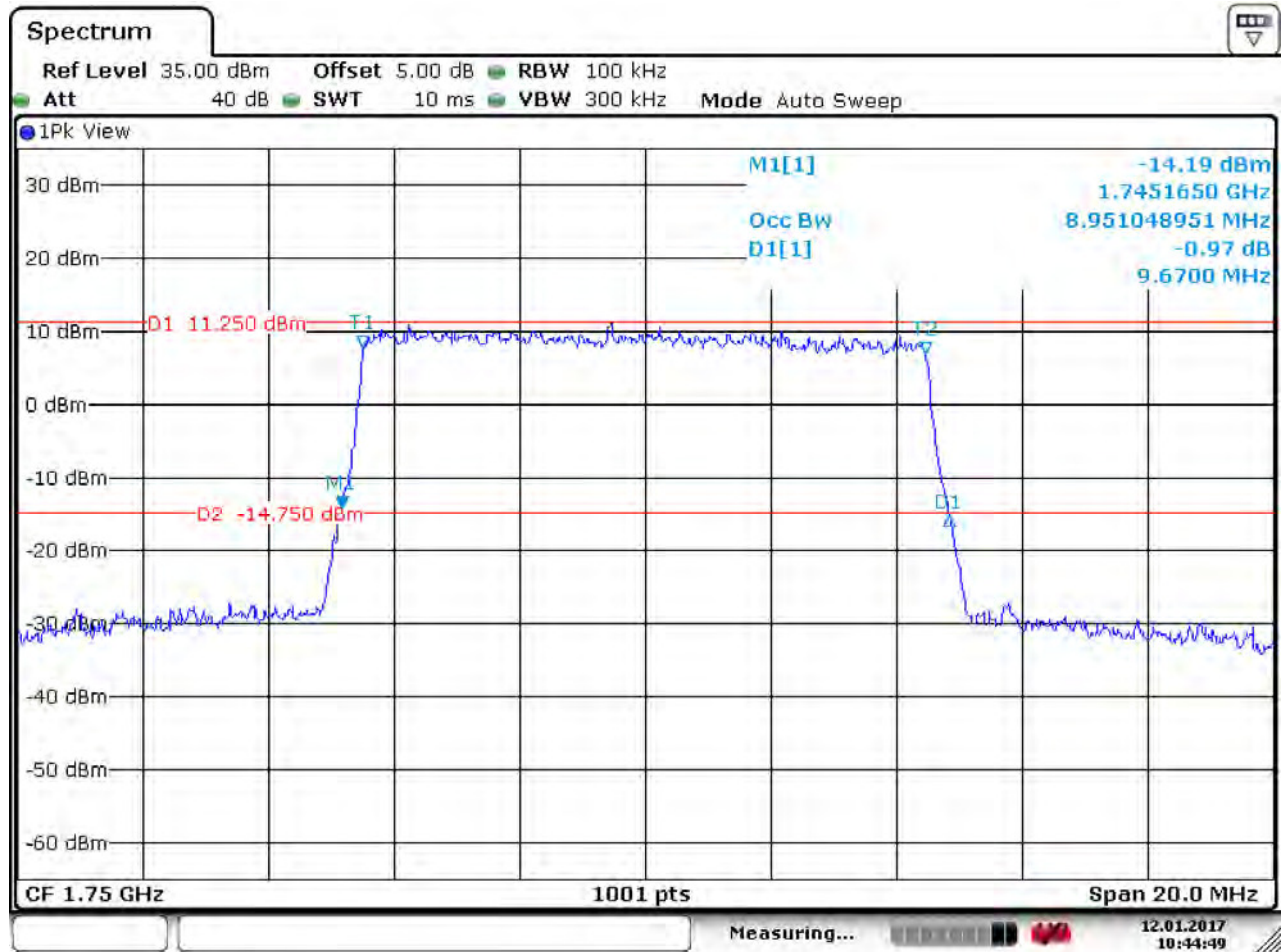


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4.1.1.11.3 Test Channel = HCH

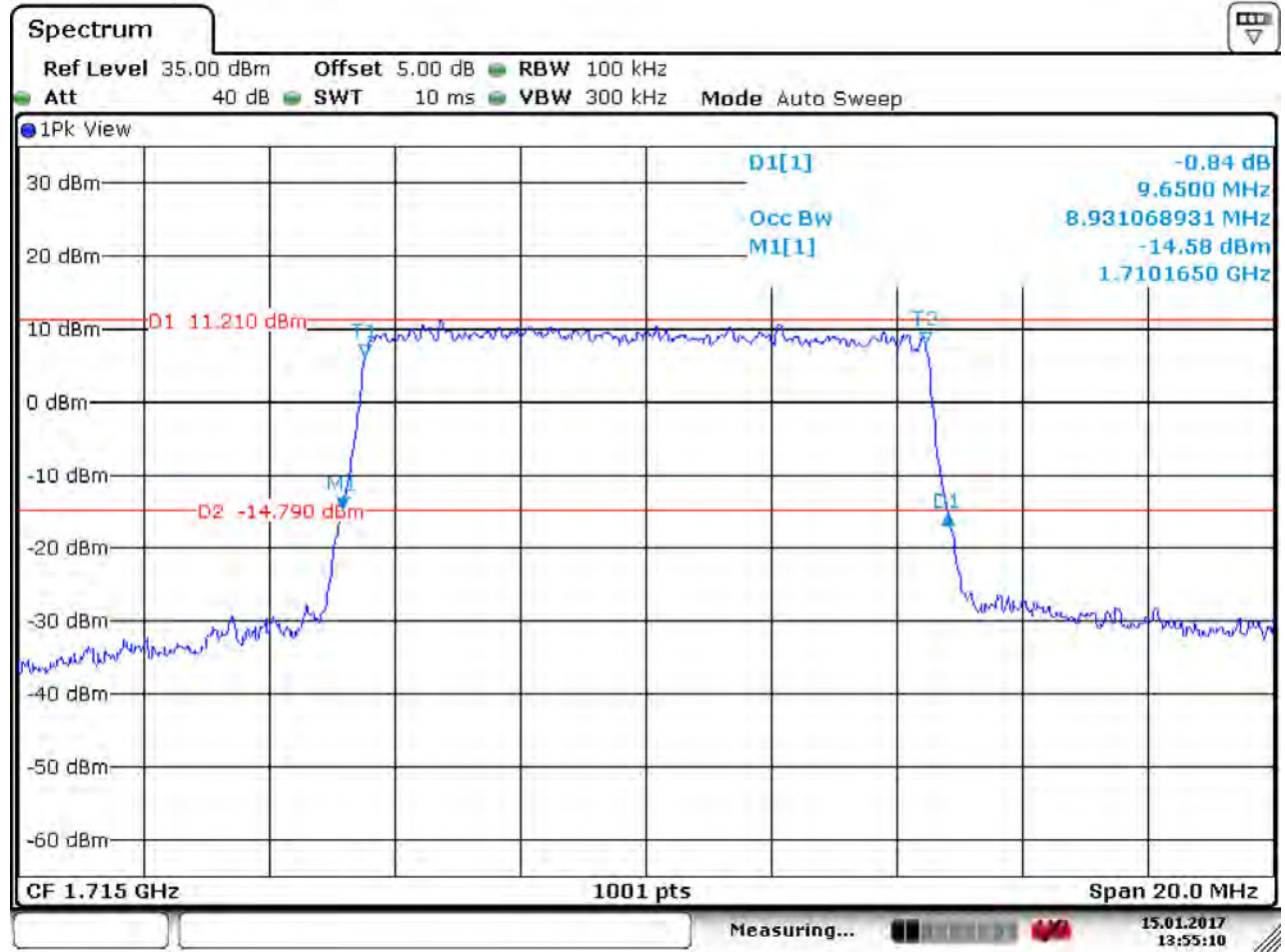


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4.1.1.12 Test Mode = LTE/TM3 10MHz

4.1.1.12.1 Test Channel = LCH

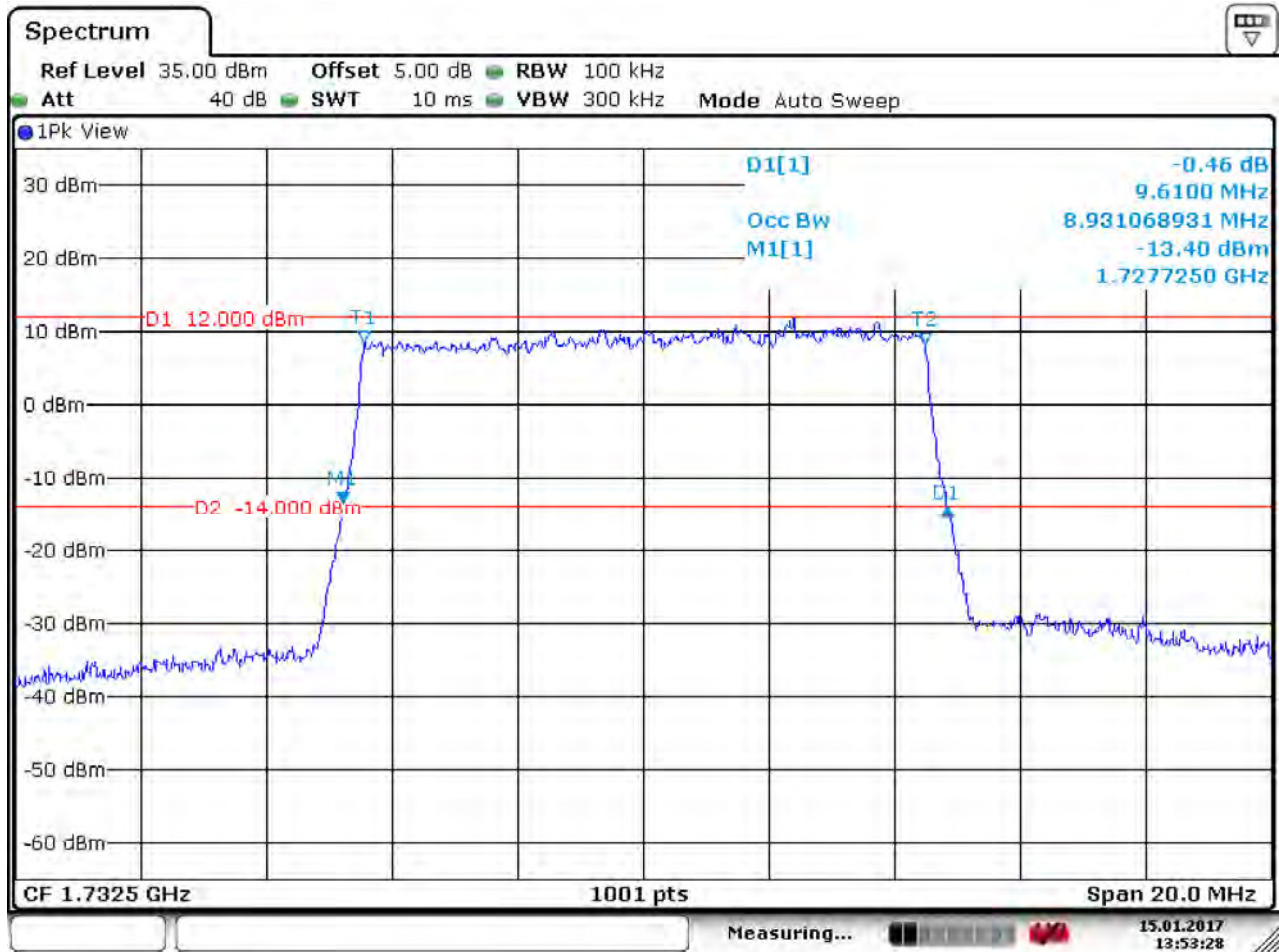


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4.1.1.12.2 Test Channel = MCH

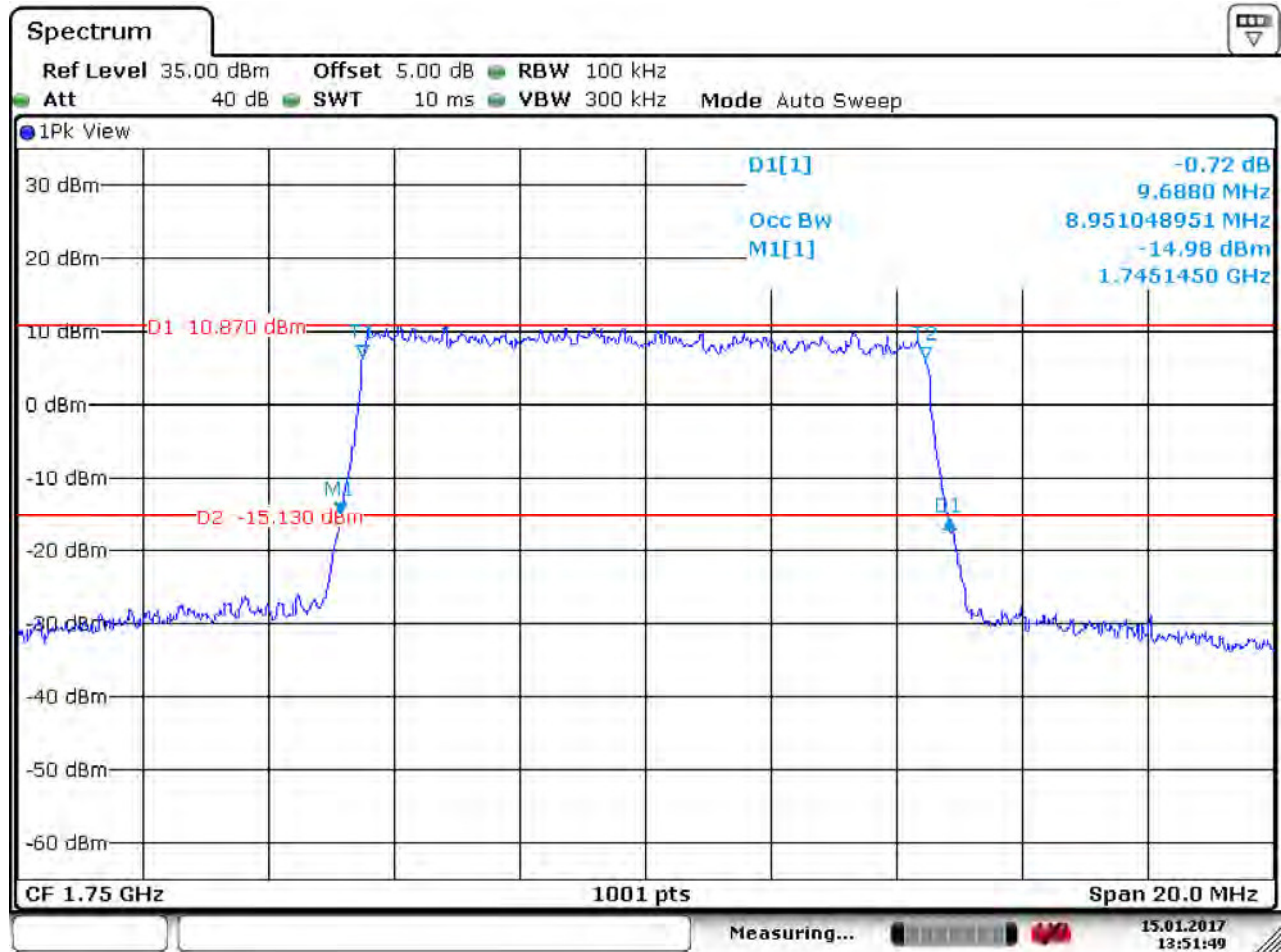


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4.1.1.12.3 Test Channel = HCH

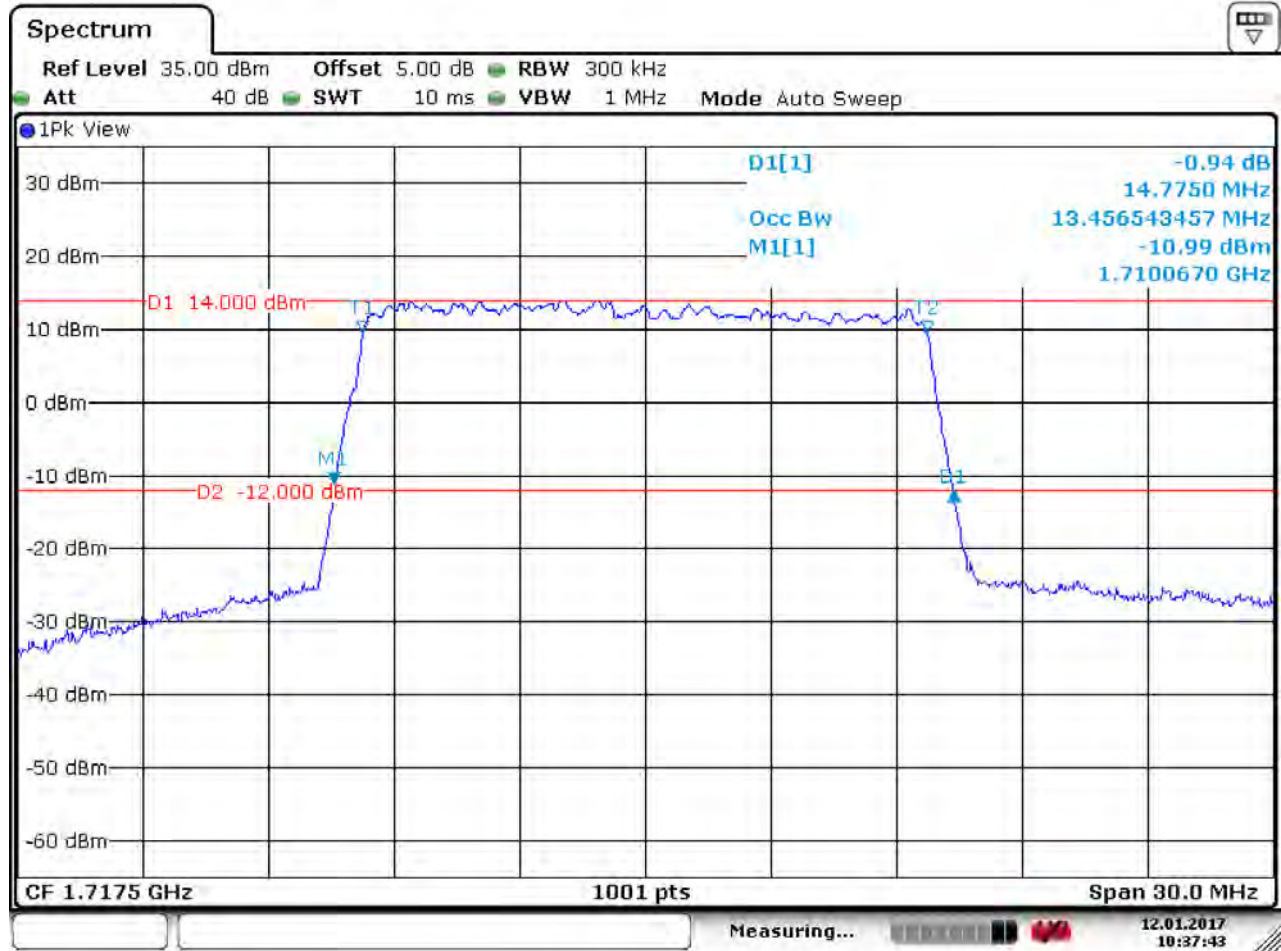


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4.1.1.13 Test Mode = LTE/TM1 15MHz

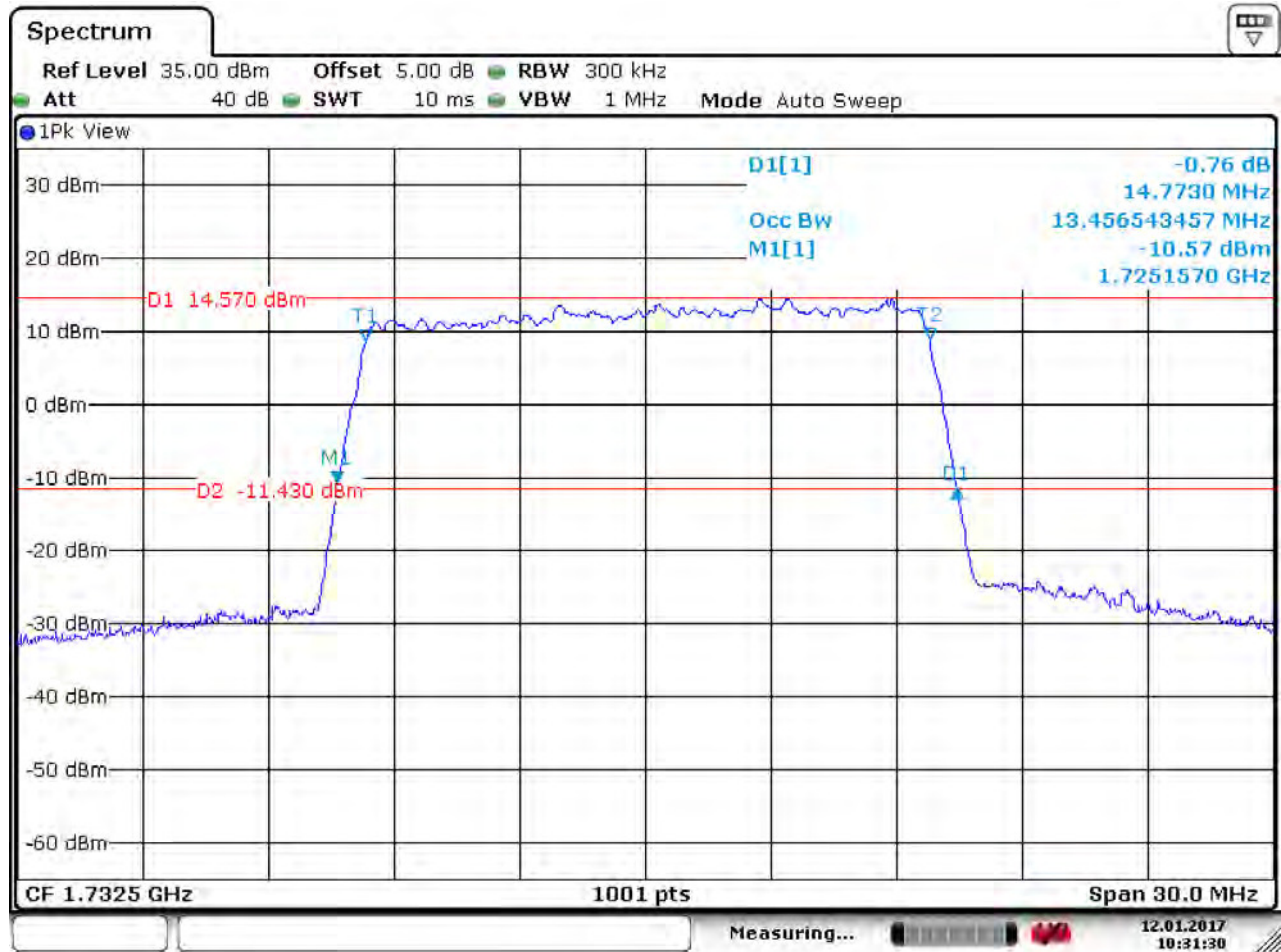
4.1.1.13.1 Test Channel = LCH



Date: 12.JAN.2017 10:37:43



4.1.1.13.2 Test Channel = MCH

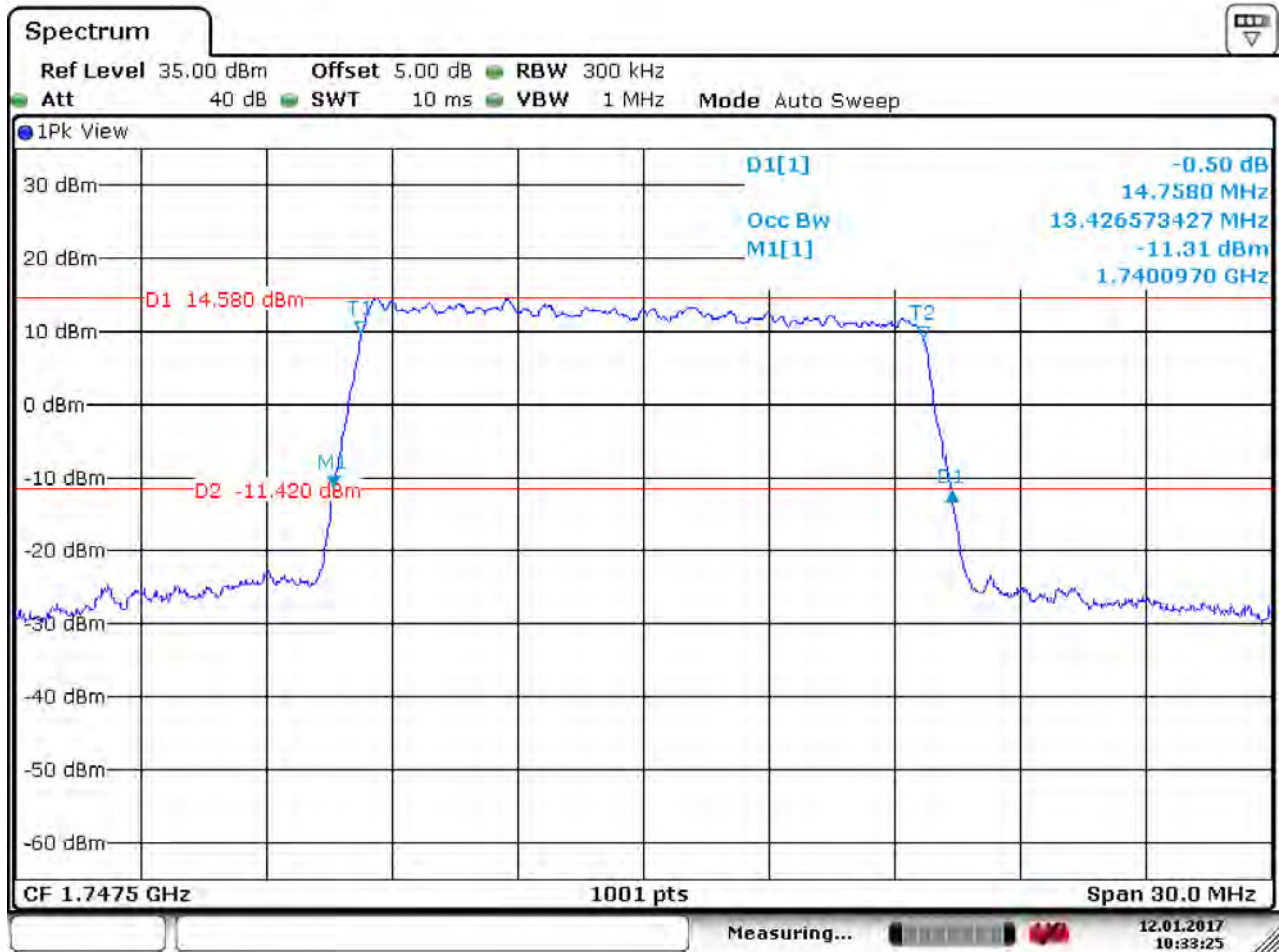


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4.1.1.13.3 Test Channel = HCH



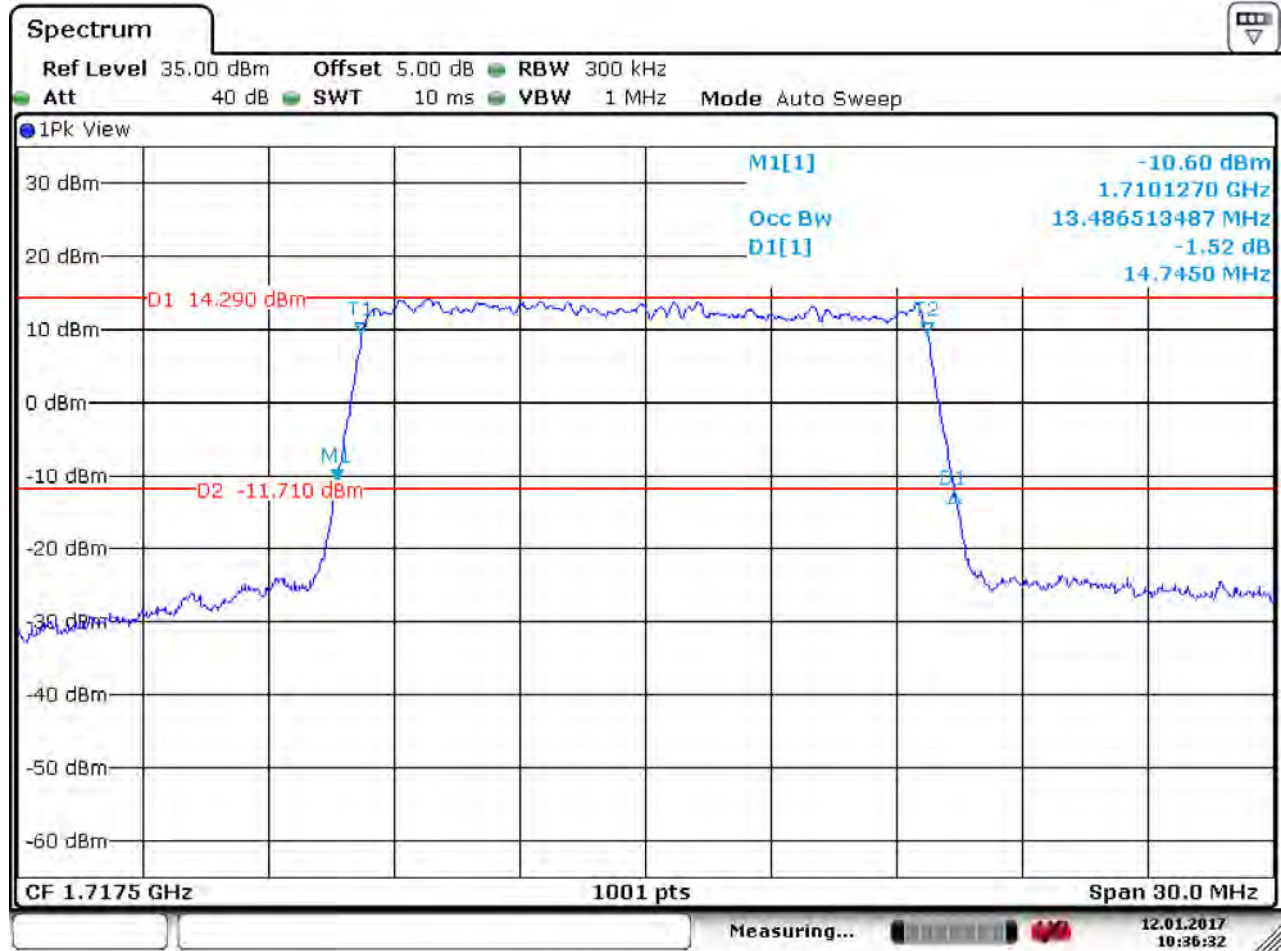
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4.1.1.14 Test Mode = LTE/TM2 15MHz

4.1.1.14.1 Test Channel = LCH

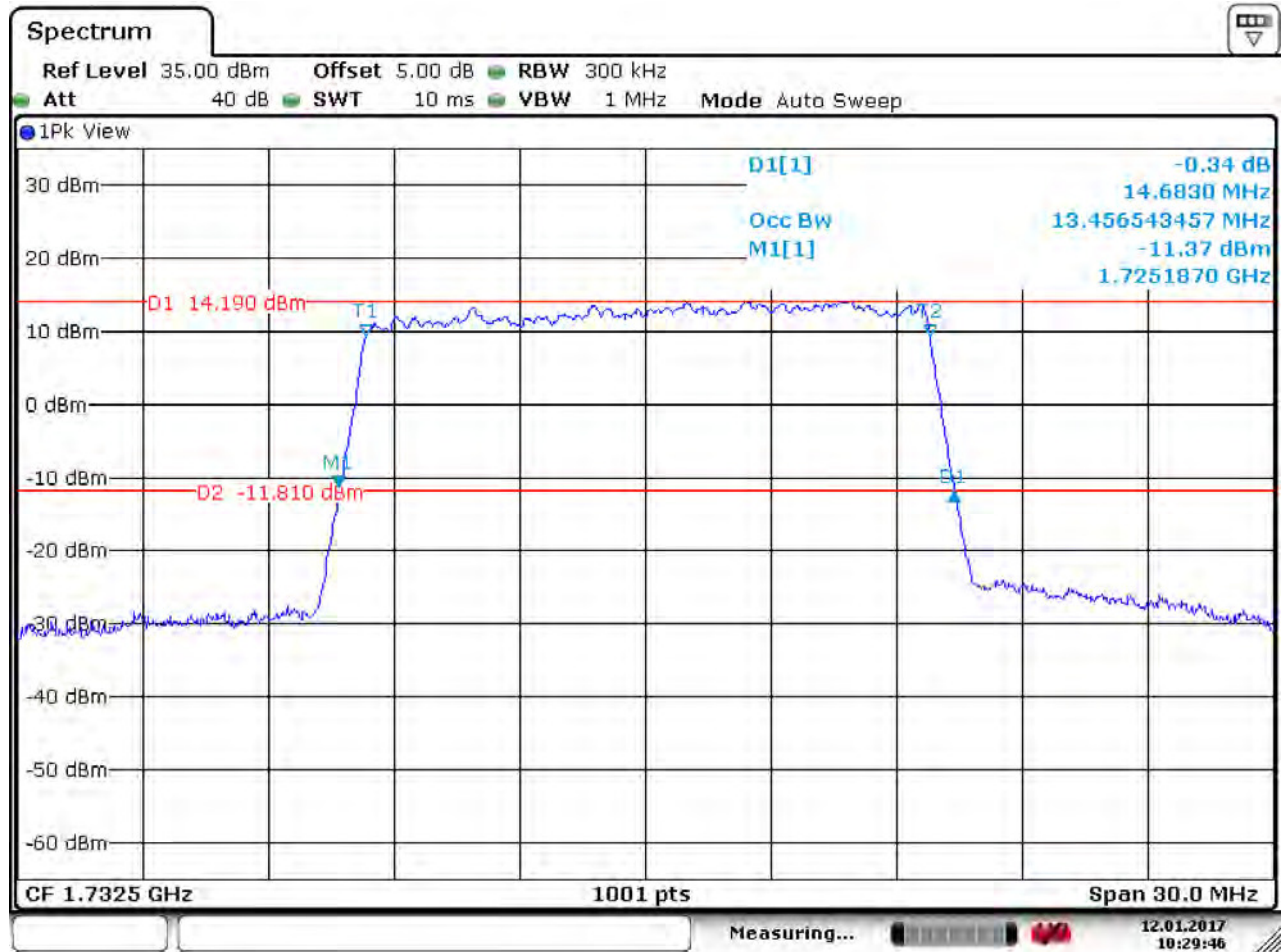


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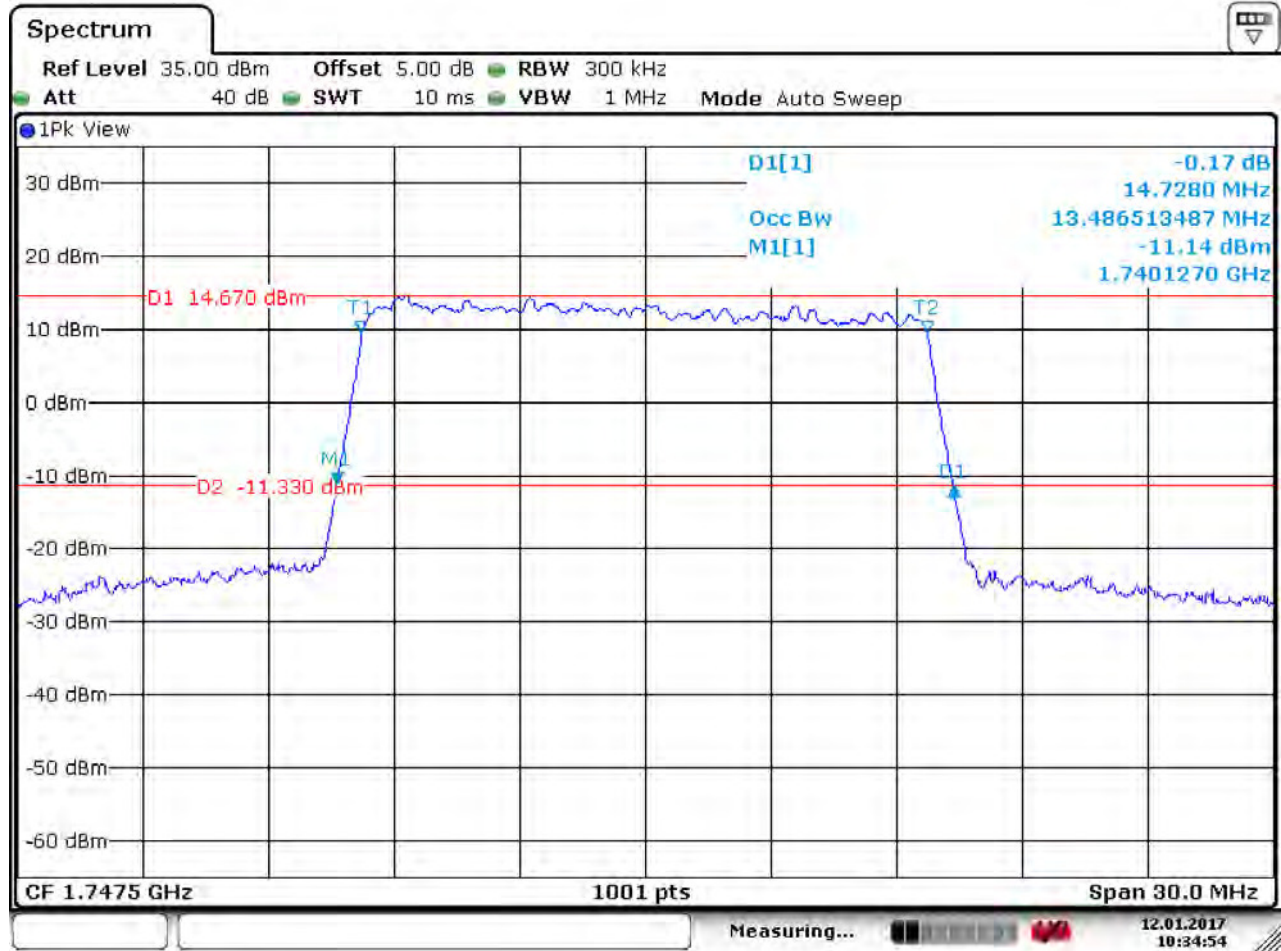
4.1.1.14.2 Test Channel = MCH



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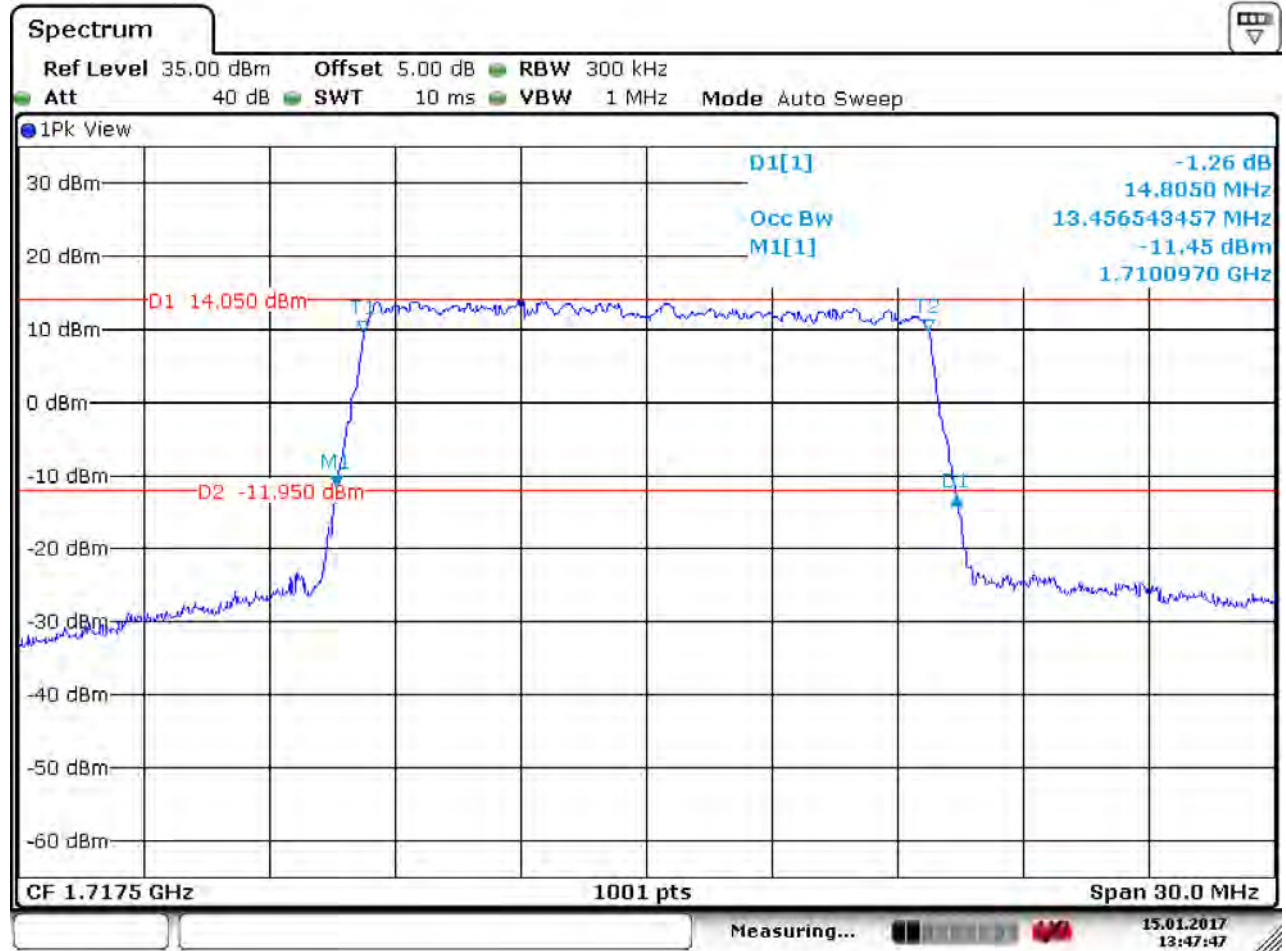
4.1.1.14.3 Test Channel = HCH



Date: 12.JAN.2017 10:34:55

4.1.1.15 Test Mode = LTE/TM3 15MHz

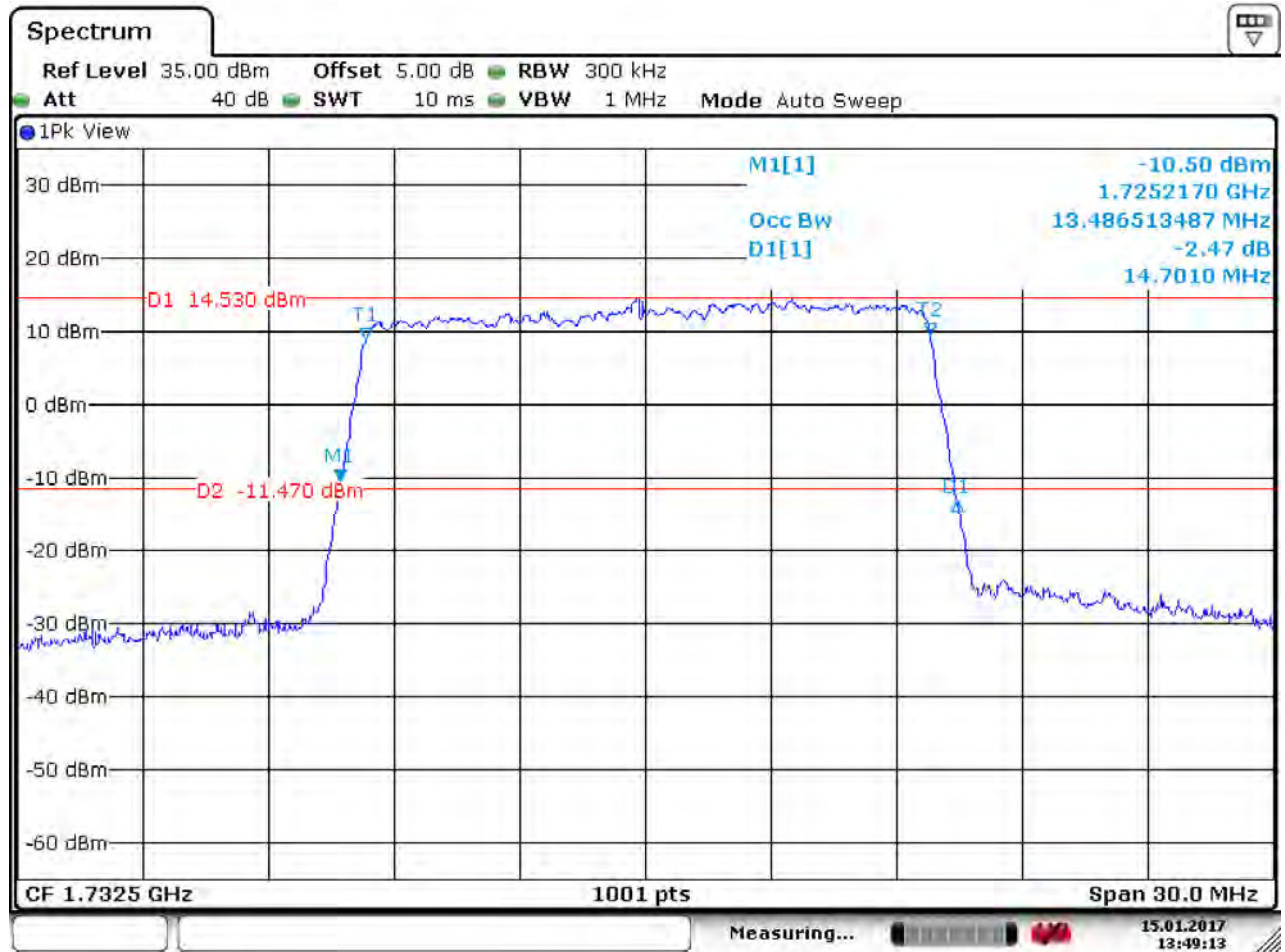
4.1.1.15.1 Test Channel = LCH



Date: 15.JAN.2017 13:47:47



4.1.1.15.2 Test Channel = MCH

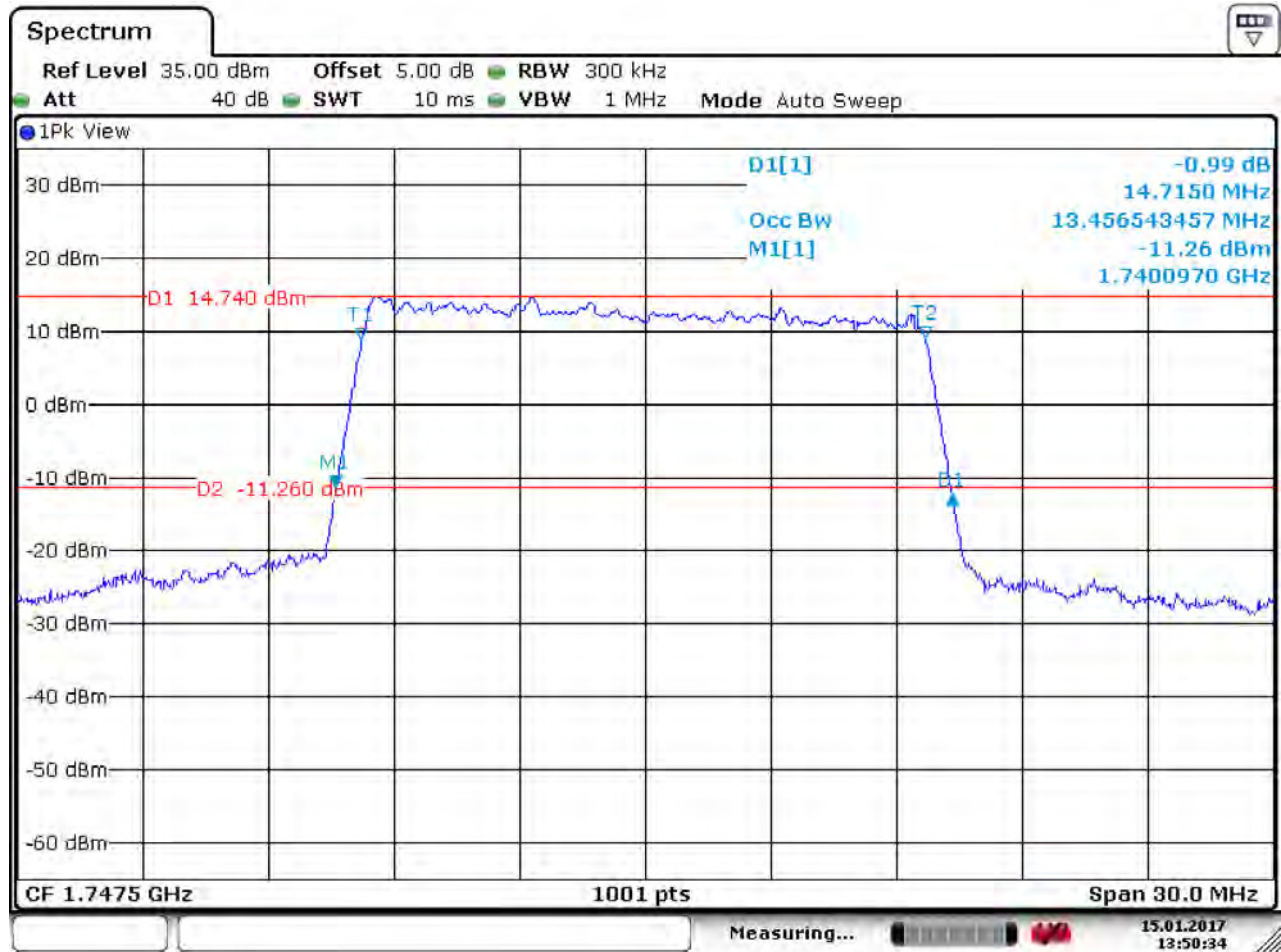


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4.1.1.15.3 Test Channel = HCH



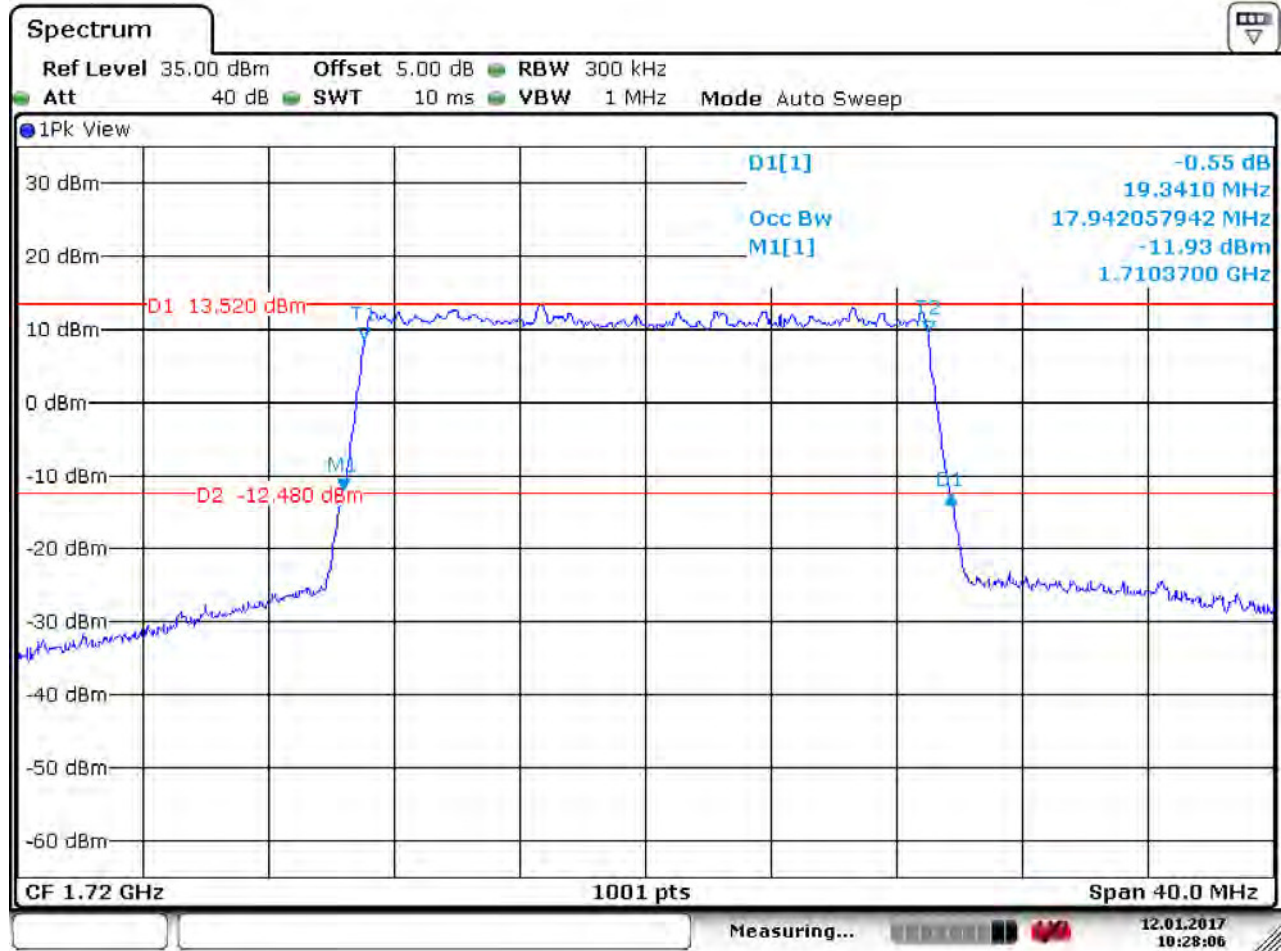
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4.1.1.16 Test Mode = LTE/TM1 20MHz

4.1.1.16.1 Test Channel = LCH

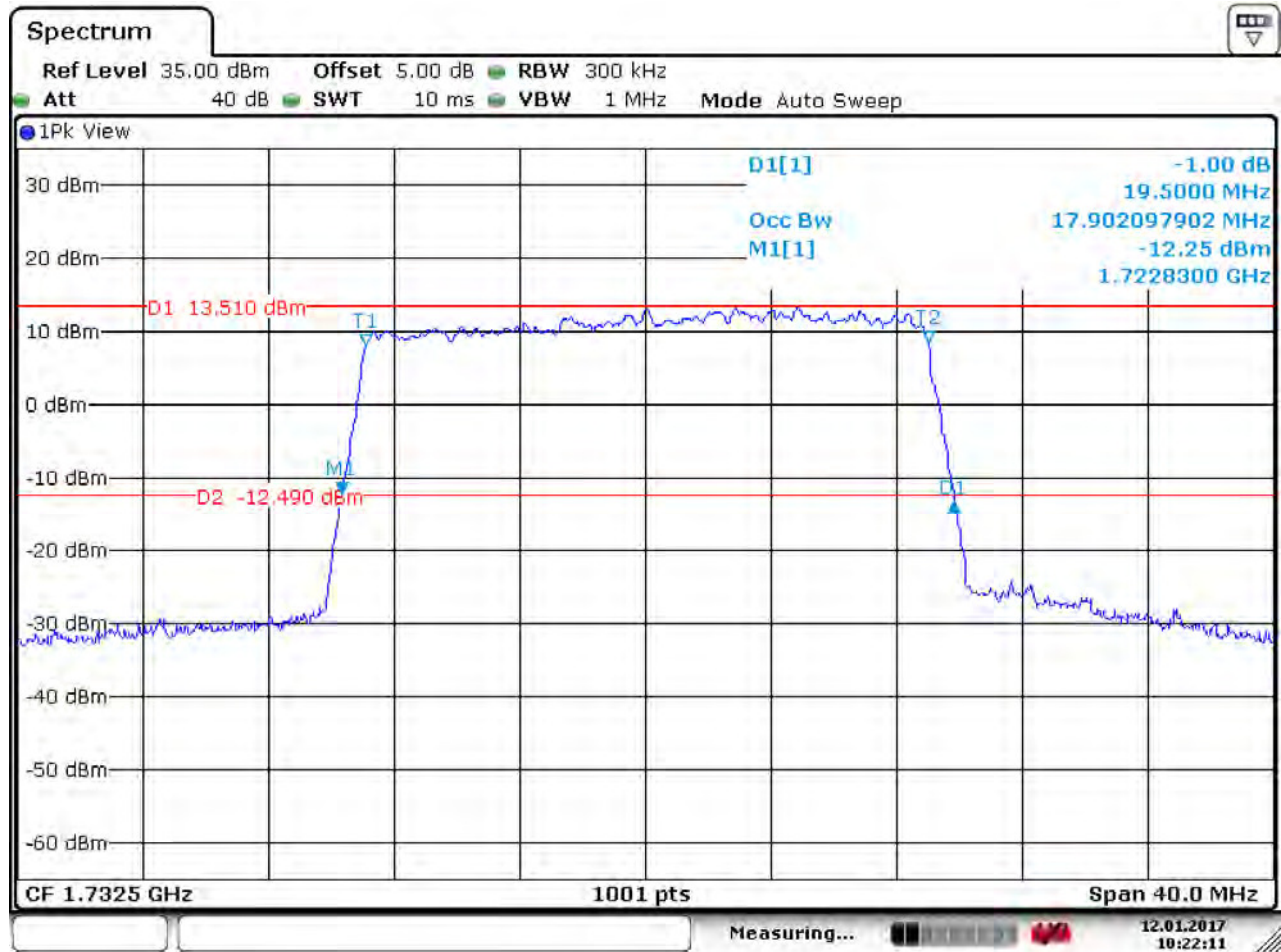


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4.1.1.16.2 Test Channel = MCH

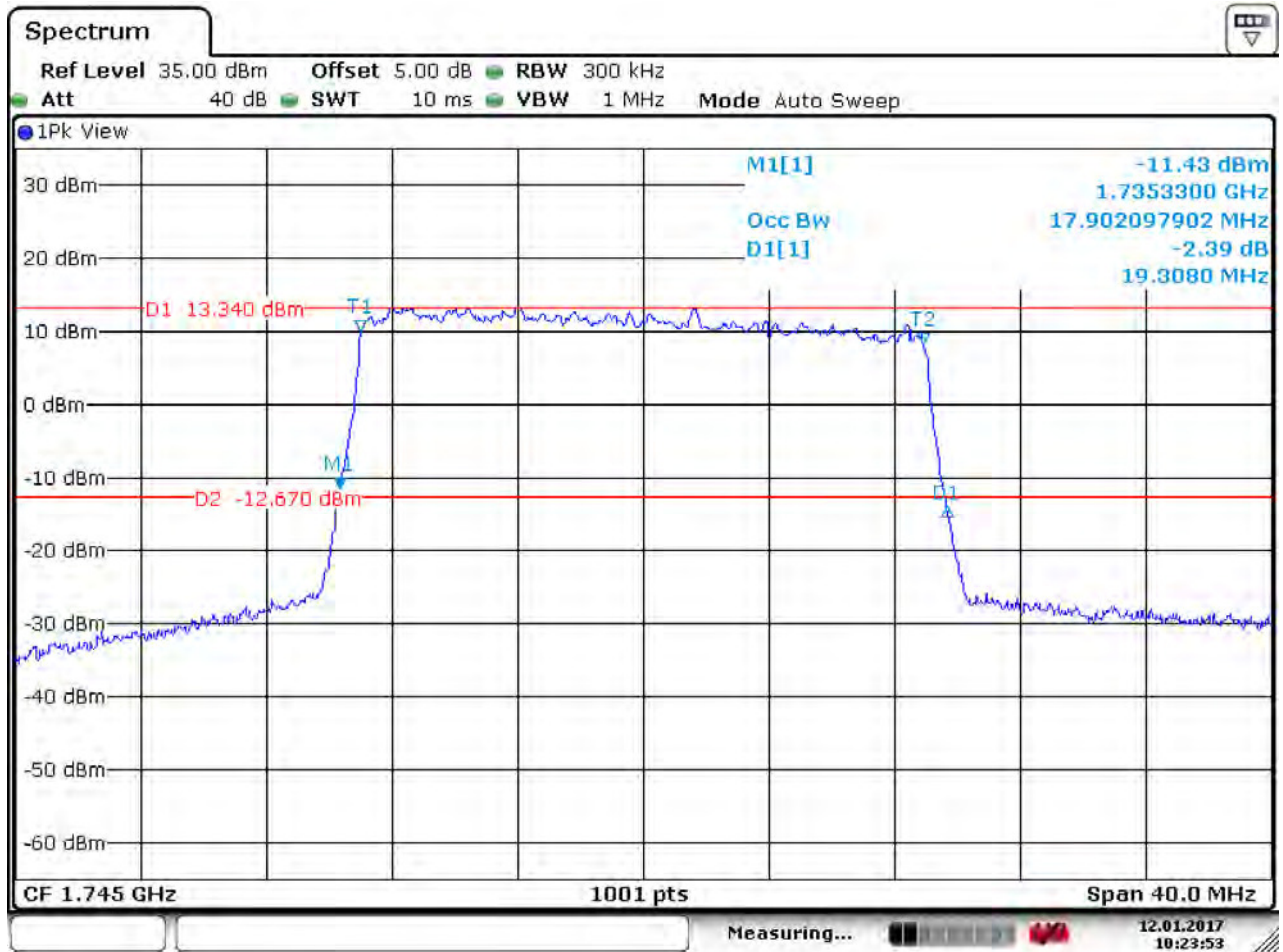


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4.1.1.16.3 Test Channel = HCH

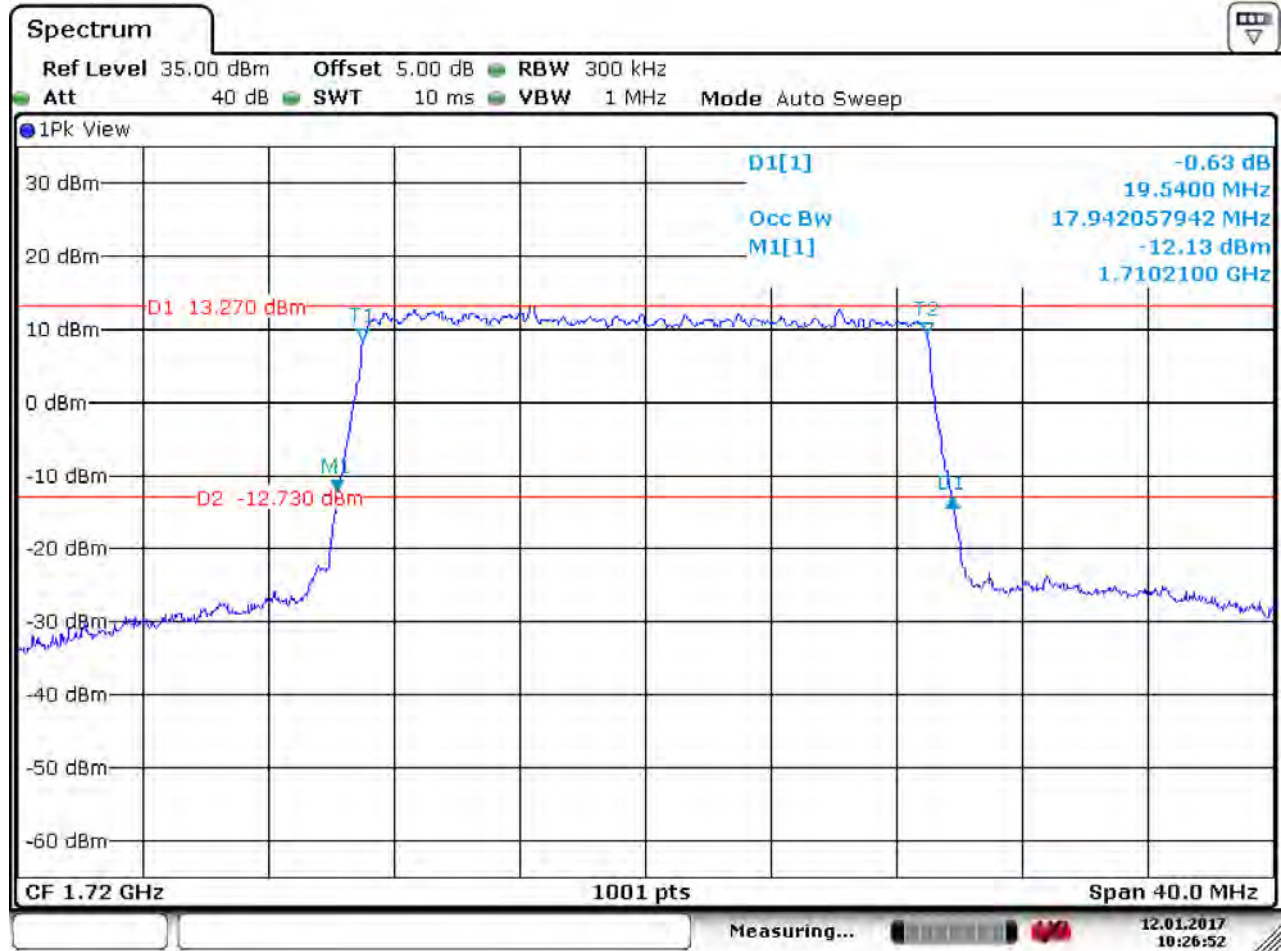


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4.1.1.17 Test Mode = LTE/TM2 20MHz

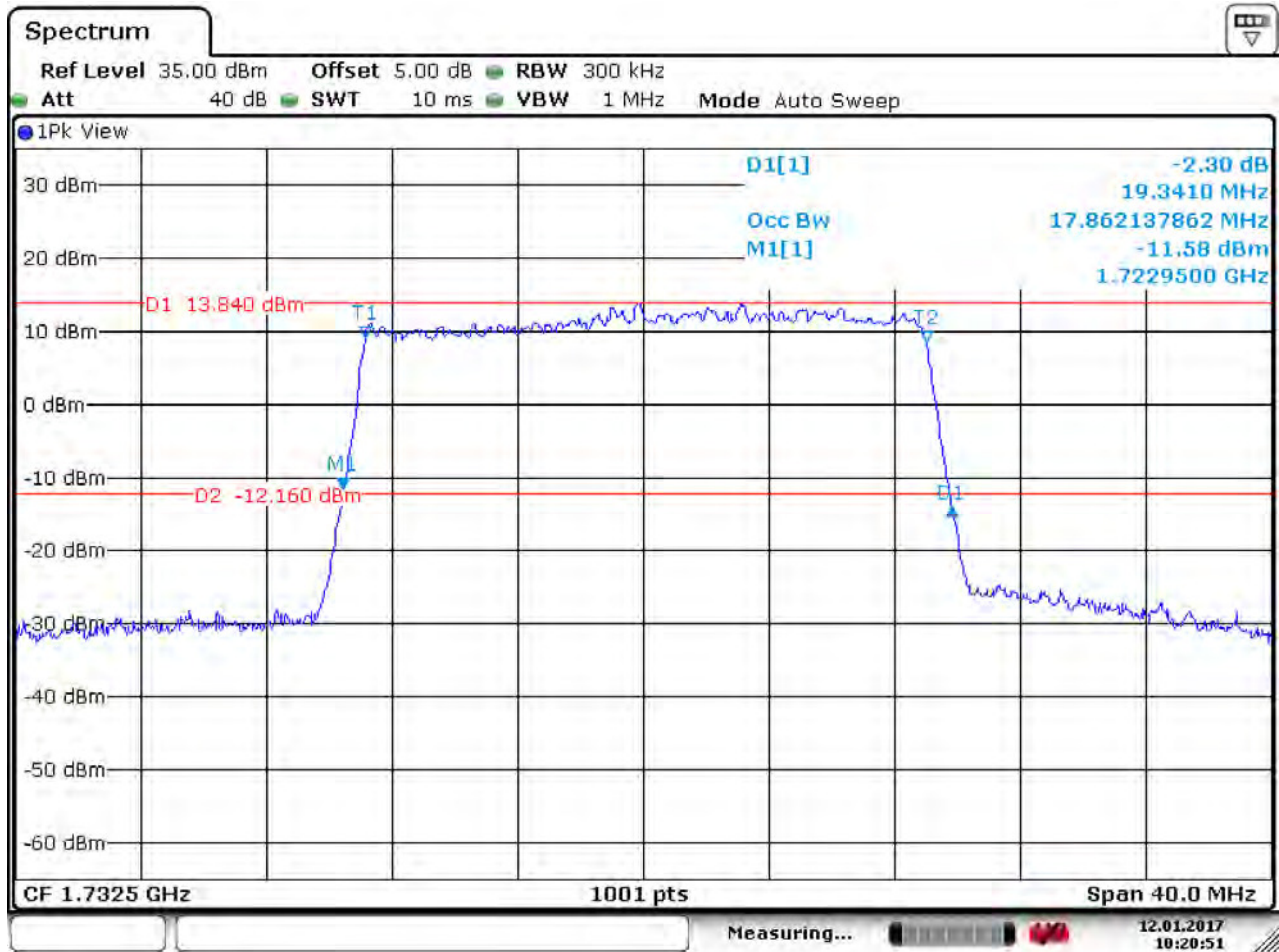
4.1.1.17.1 Test Channel = LCH



Date: 12.JAN.2017 10:26:52



4.1.1.17.2 Test Channel = MCH

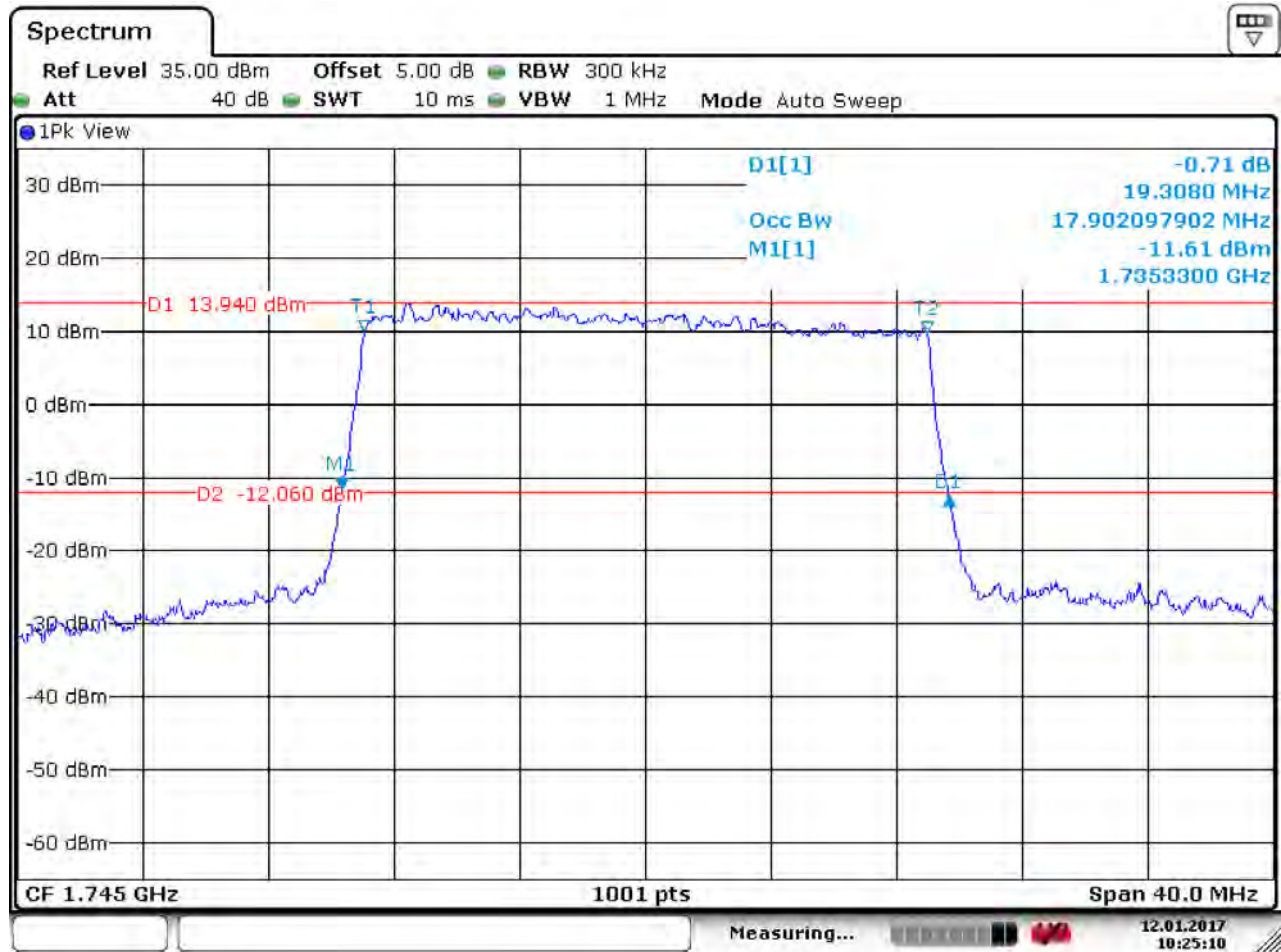


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4.1.1.17.3 Test Channel = HCH

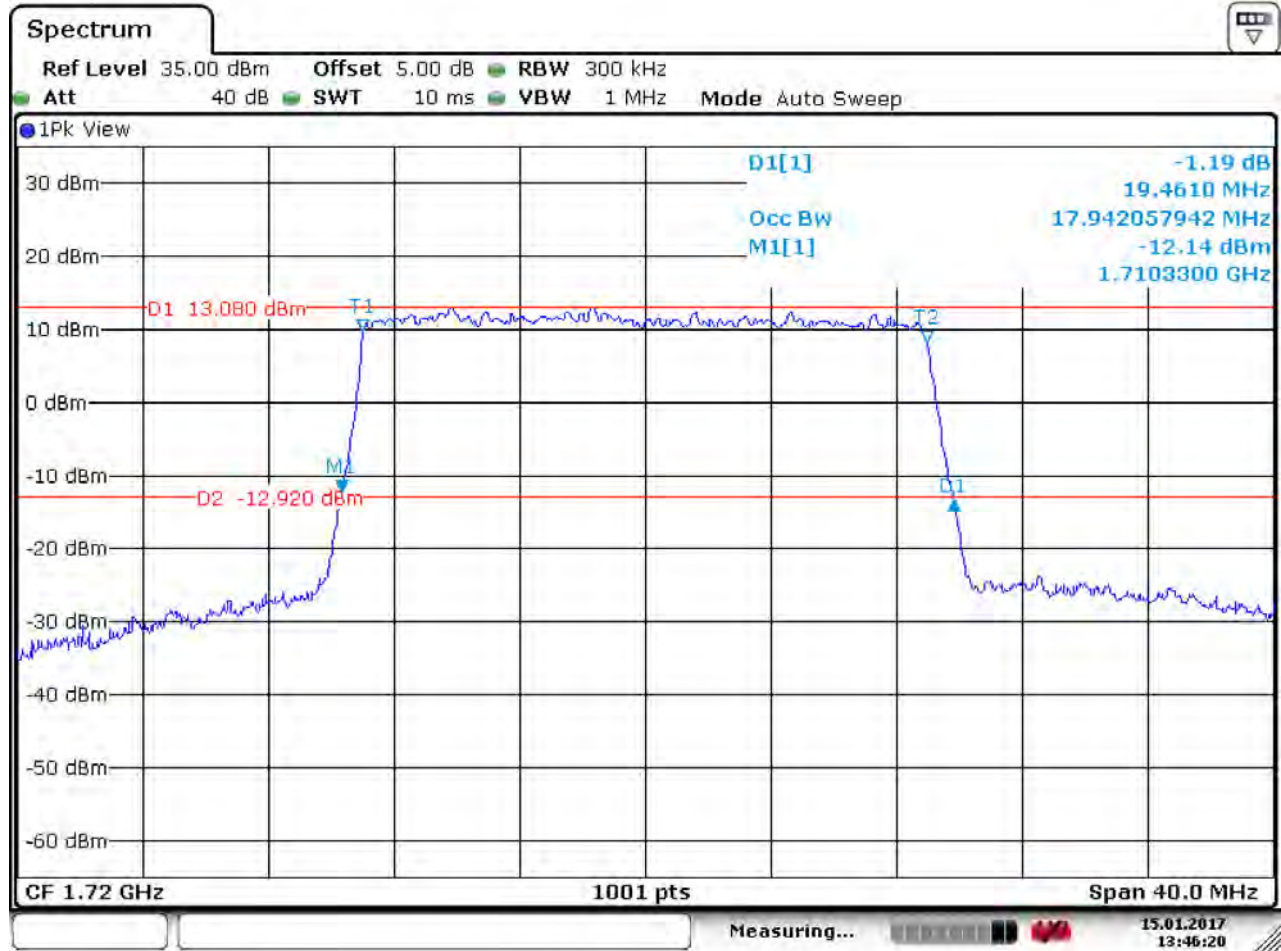


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4.1.1.18 Test Mode = LTE/TM3 20MHz

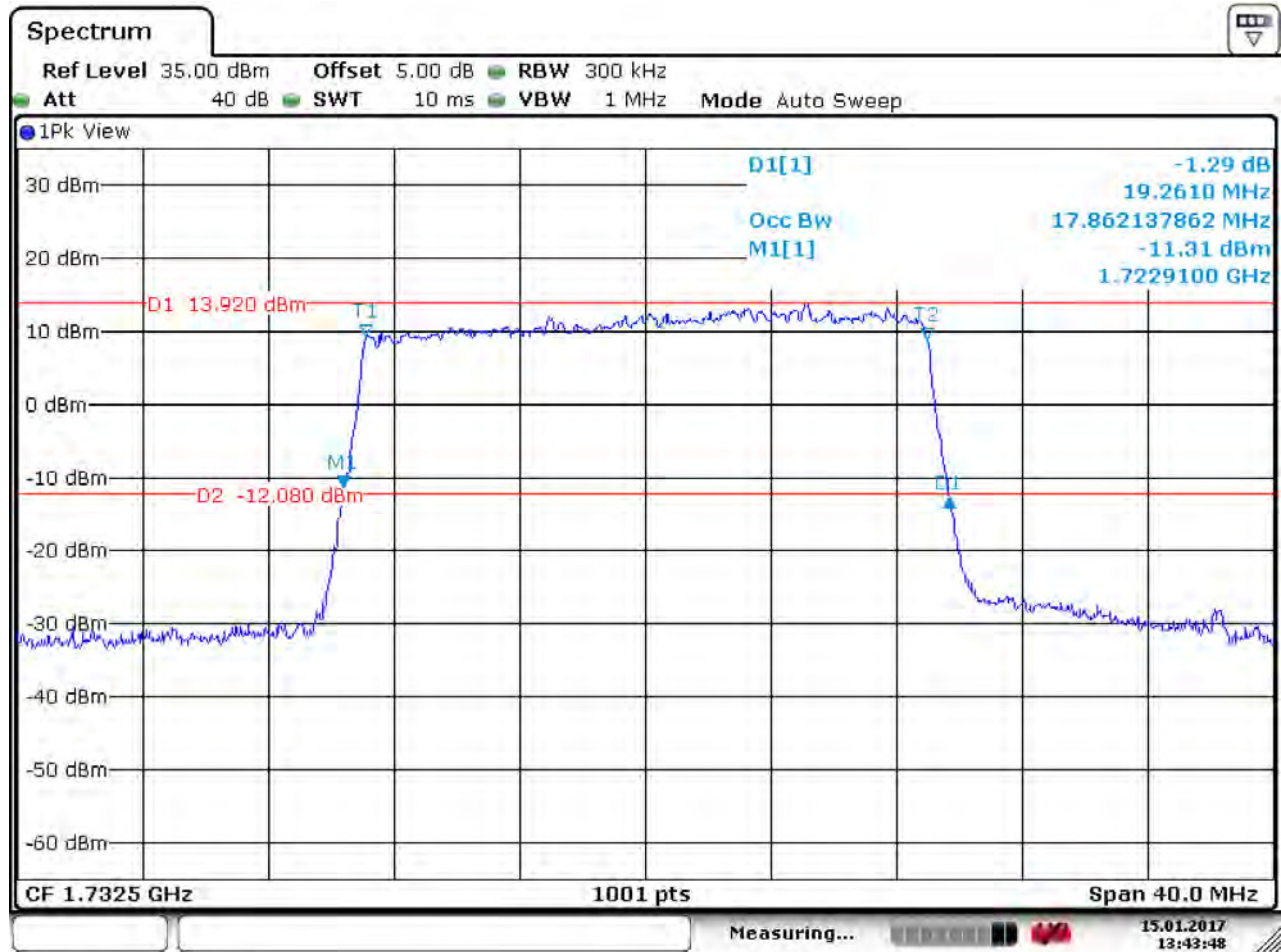
4.1.1.18.1 Test Channel = LCH



Date: 15.JAN.2017 13:46:20



4.1.1.18.2 Test Channel = MCH

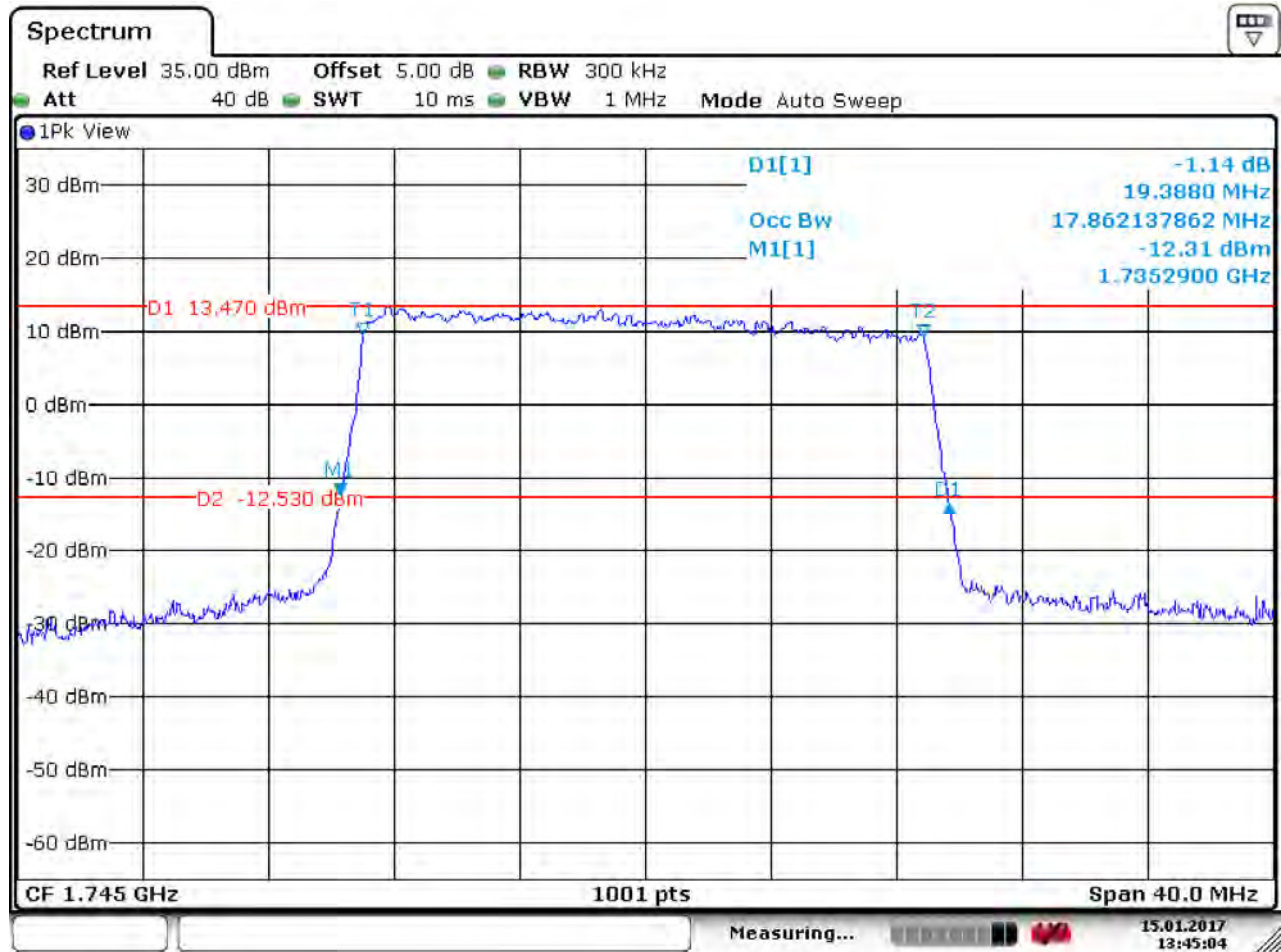


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4.1.1.18.3 Test Channel = HCH



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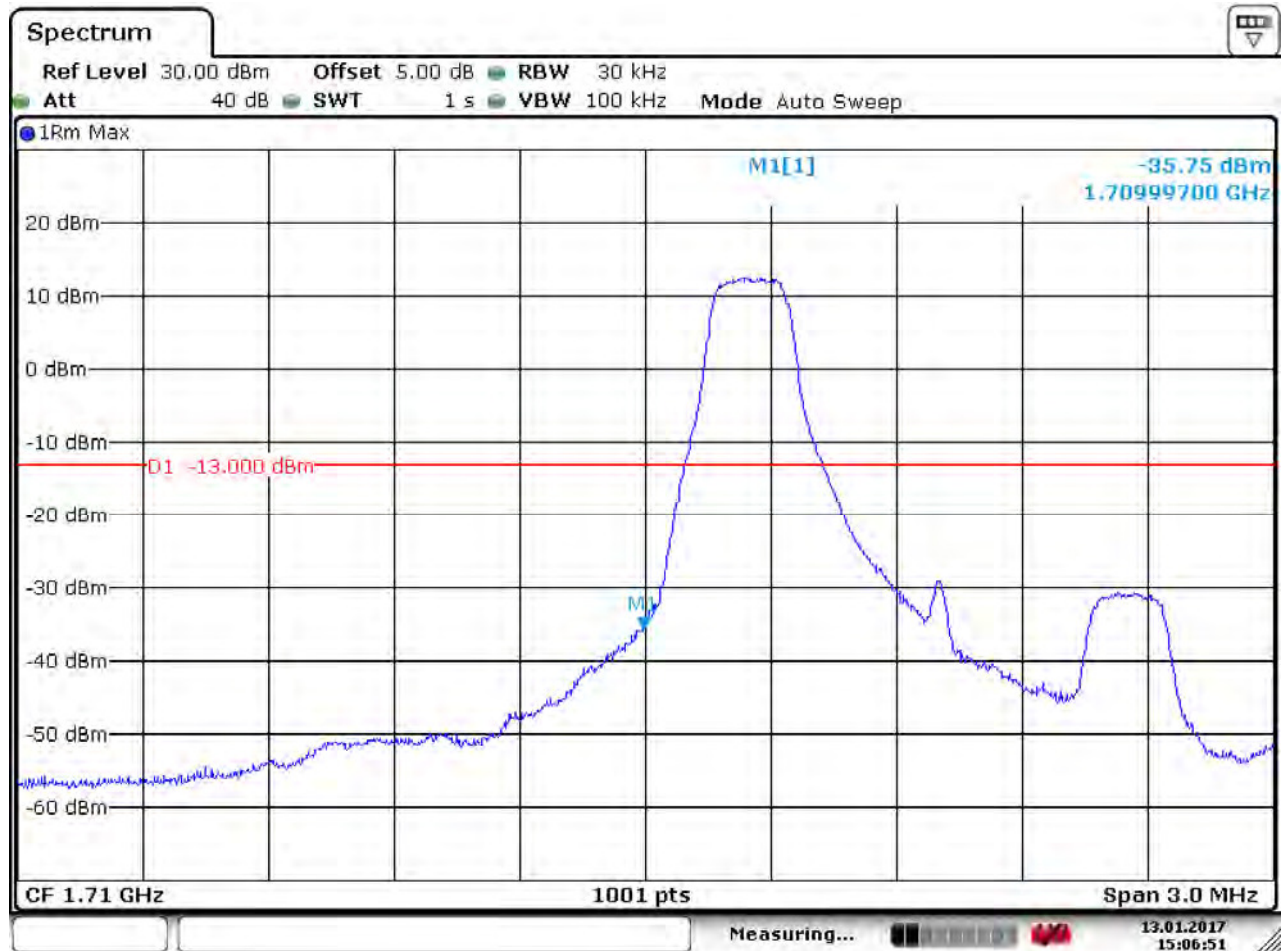
5 Band Edges Compliance

5.1.1 Test Band = LTE band 4

5.1.1.1 Test Mode = LTE/TM1 1.4MHz

5.1.1.1.1 Test Channel = LCH

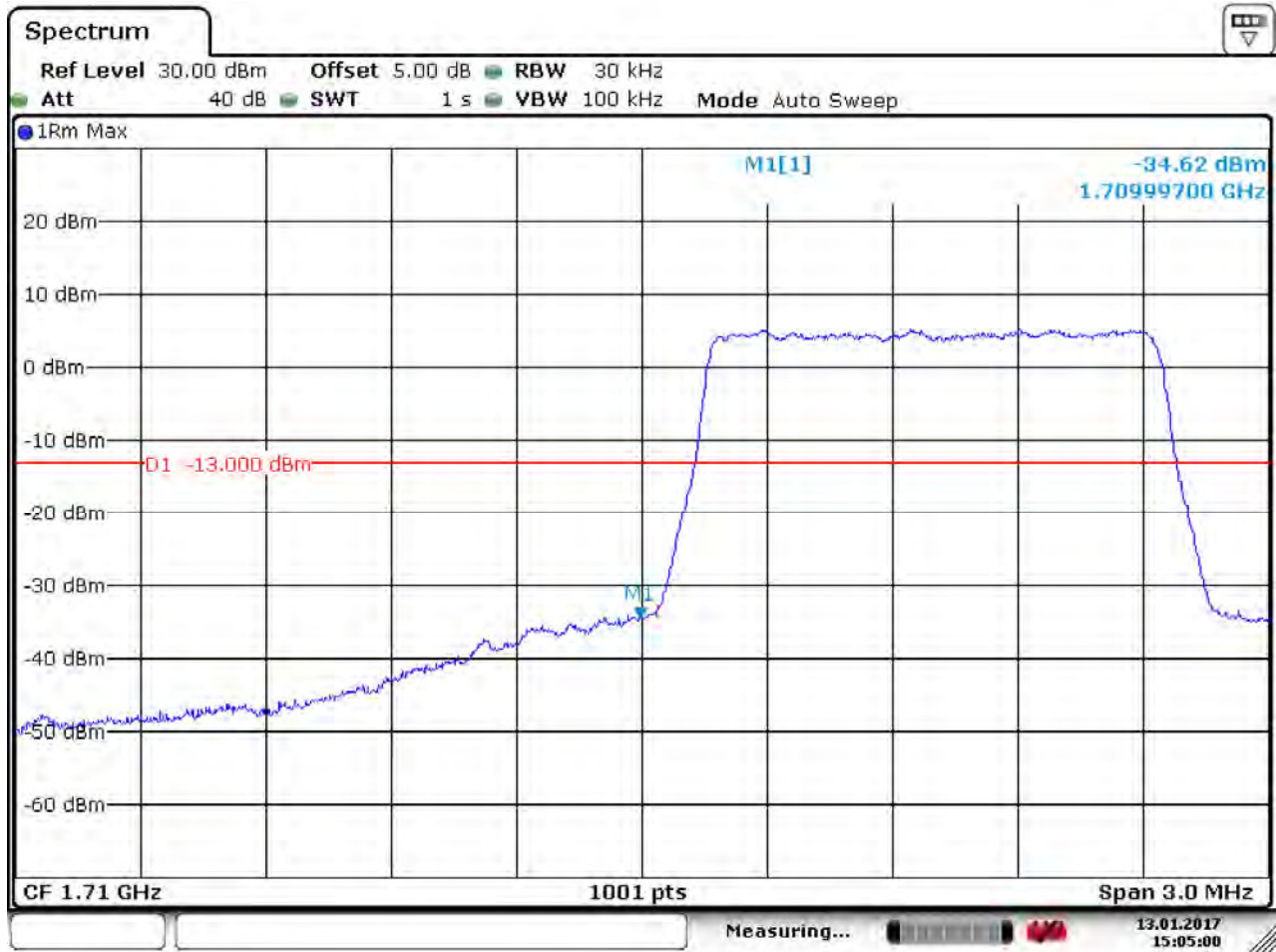
5.1.1.1.1.1 Test RB=1RB



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5.1.1.1.1.2 Test RB=6RB

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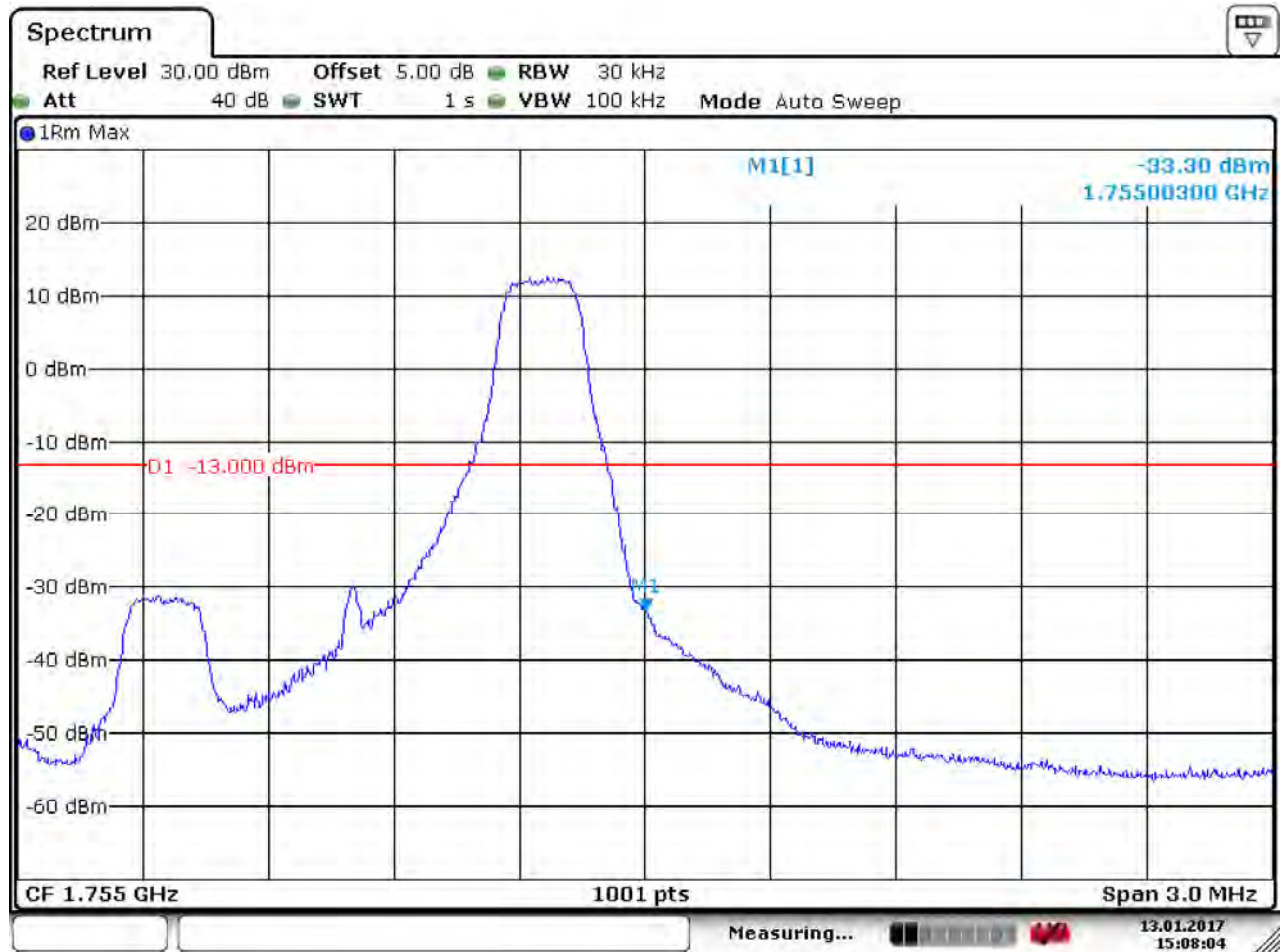


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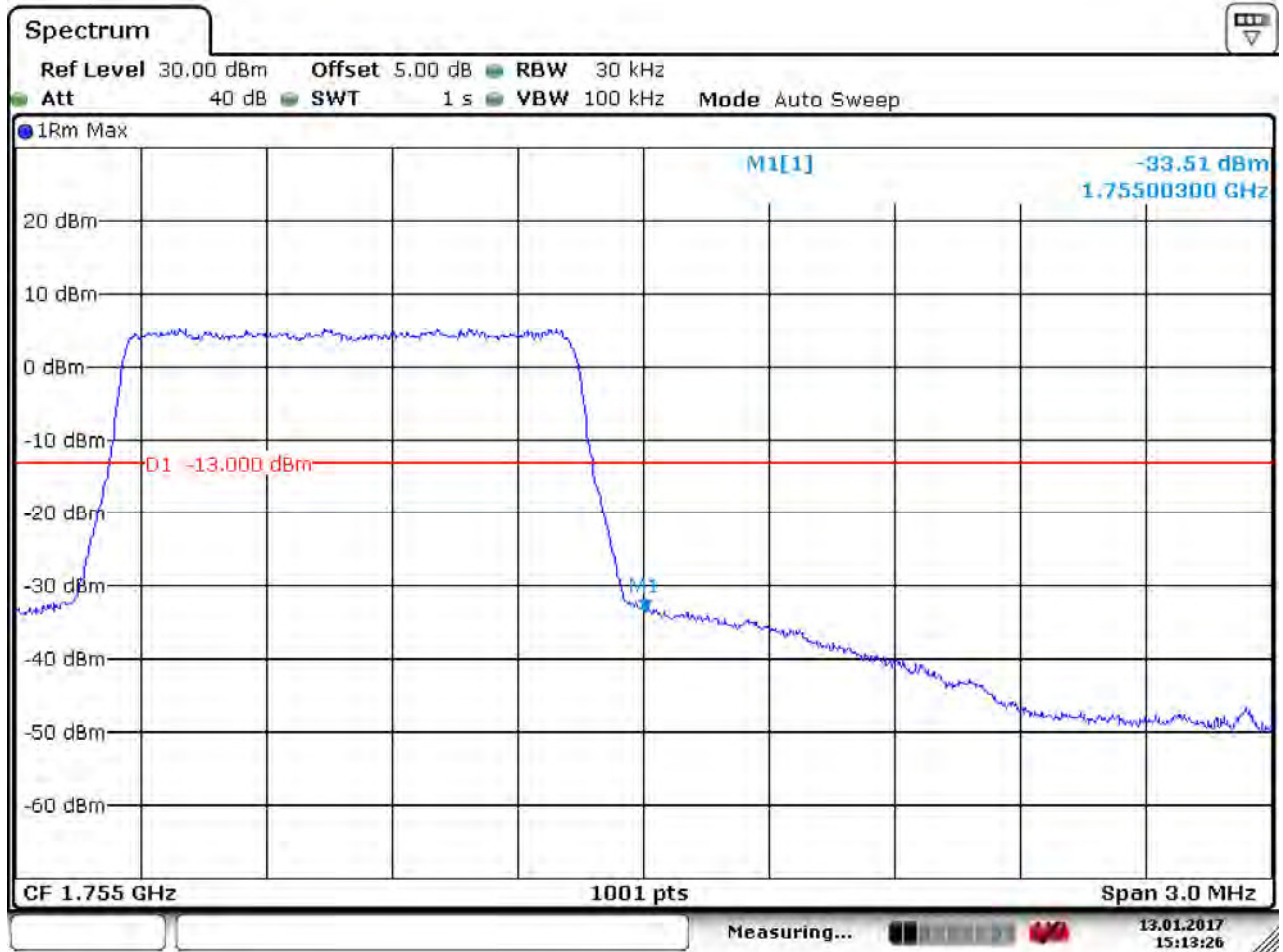
5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB



Date: 13.JAN.2017 15:08:04

5.1.1.1.2.2 Test RB=6RB

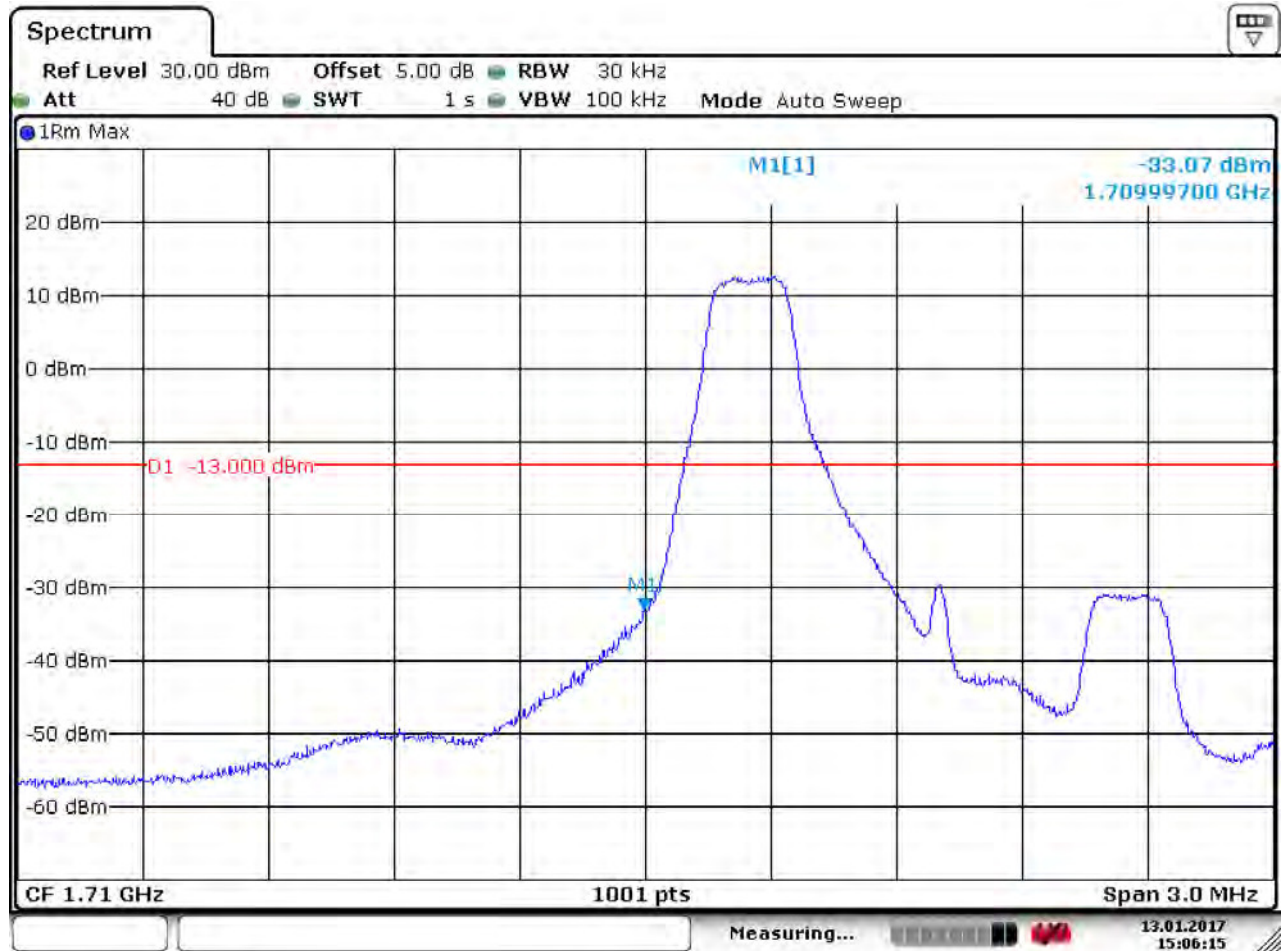


Date: 13.JAN.2017 15:13:27

5.1.1.2 Test Mode = LTE/TM2 1.4MHz

5.1.1.2.1 Test Channel = LCH

5.1.1.2.1.1 Test RB=1RB

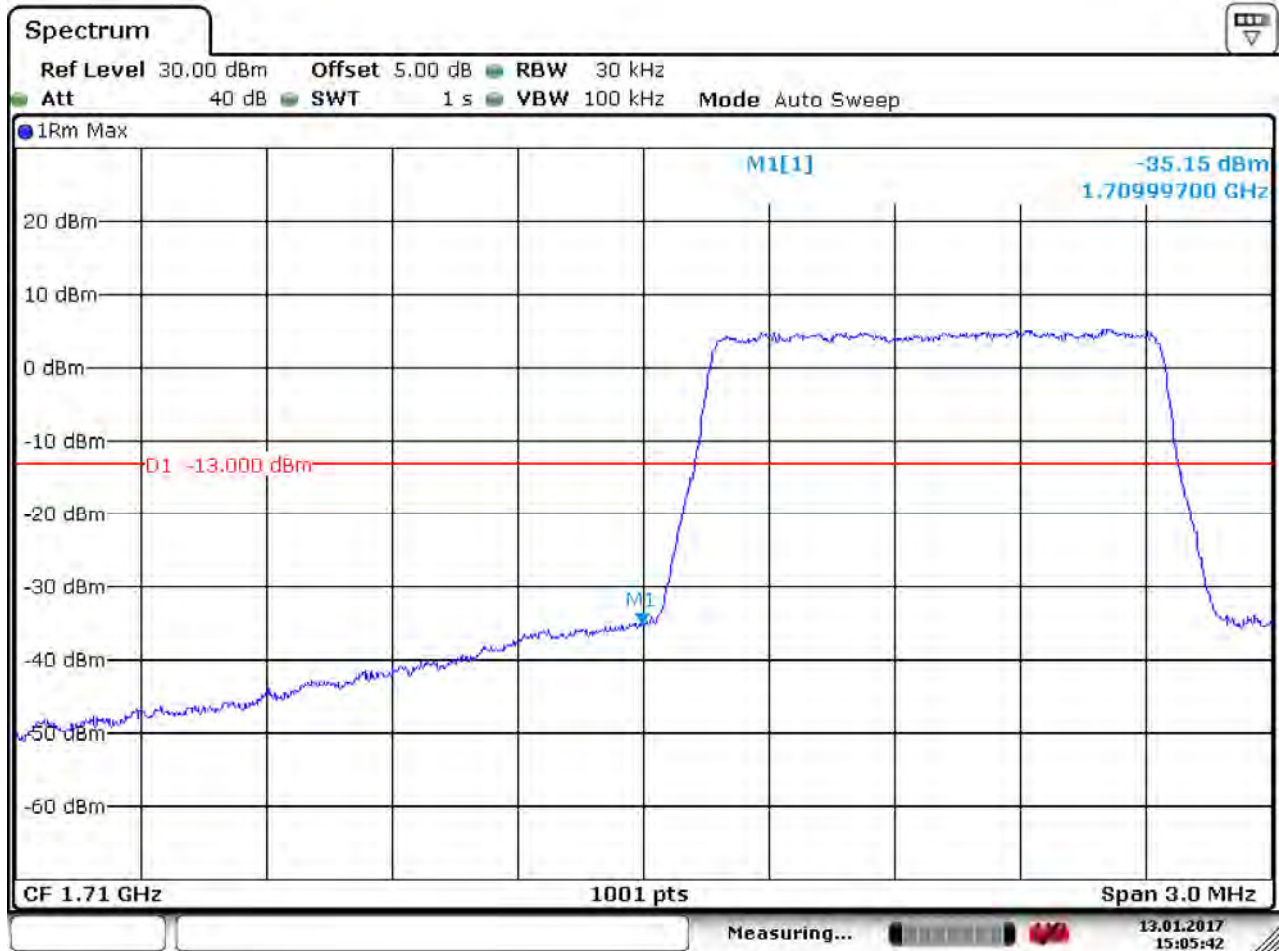


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5.1.1.2.1.2 Test RB=6RB

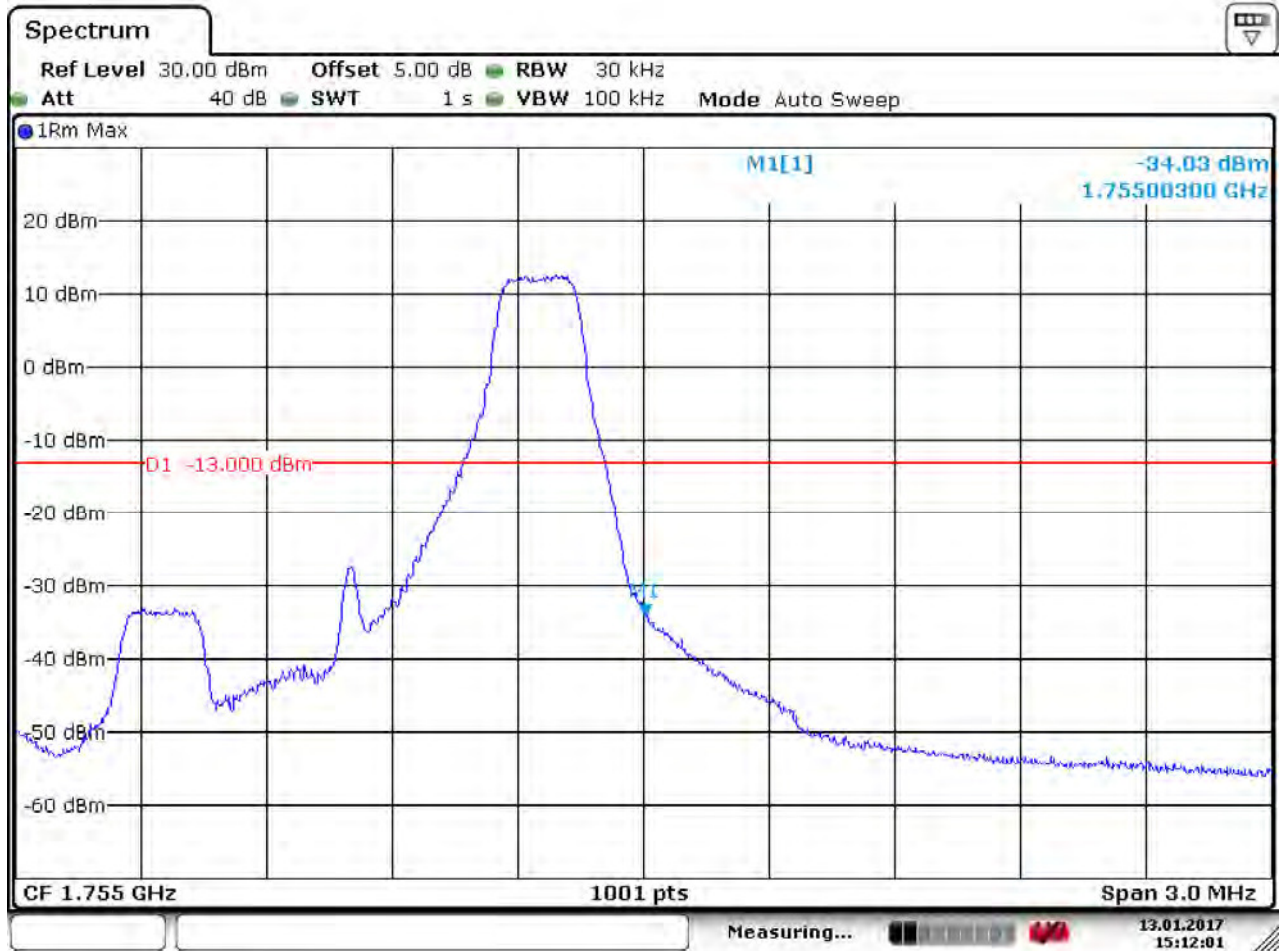


Date: 13.JAN.2017 15:05:42



5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB=1RB

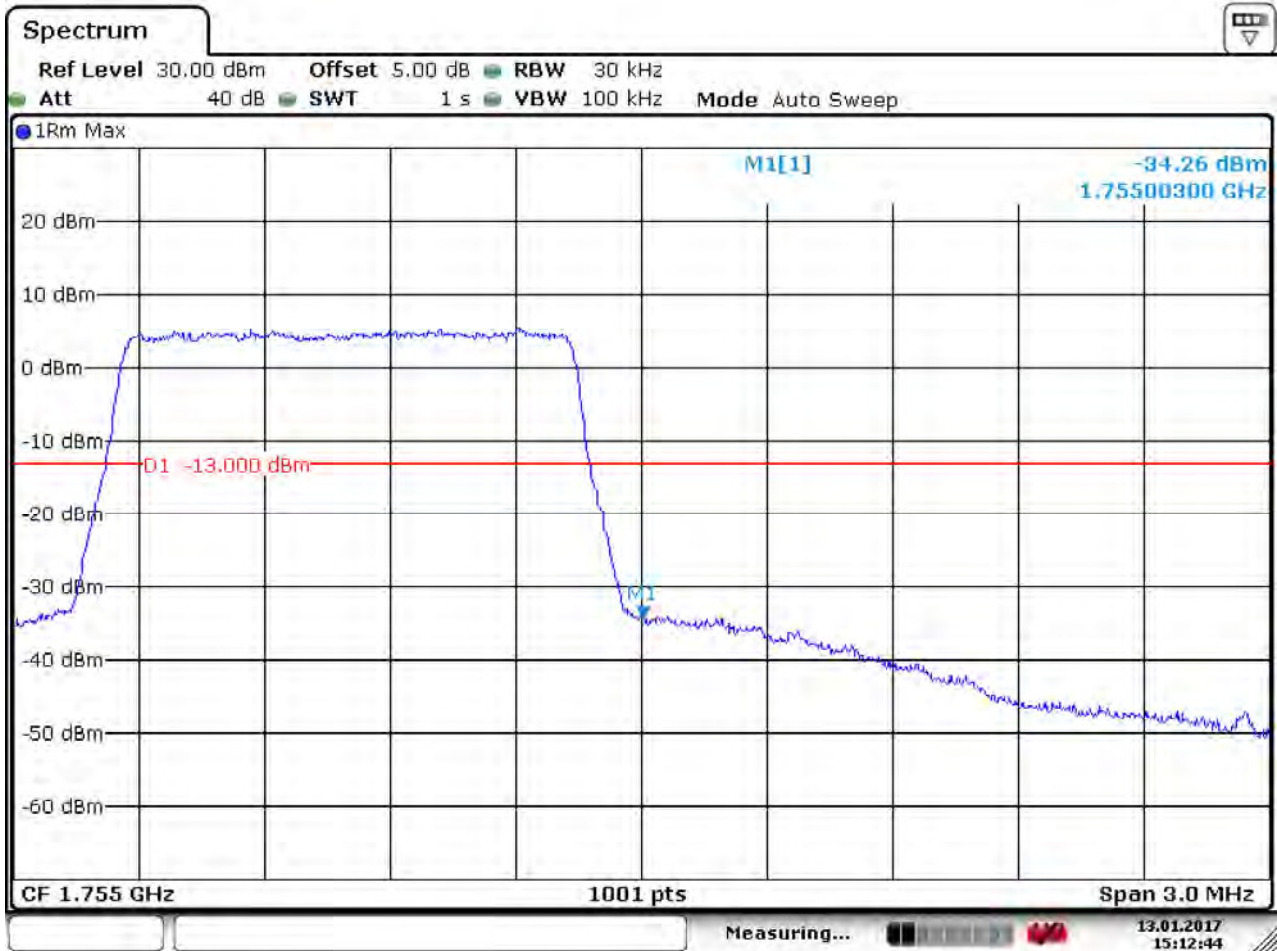


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5.1.1.2.2.2 Test RB=6RB



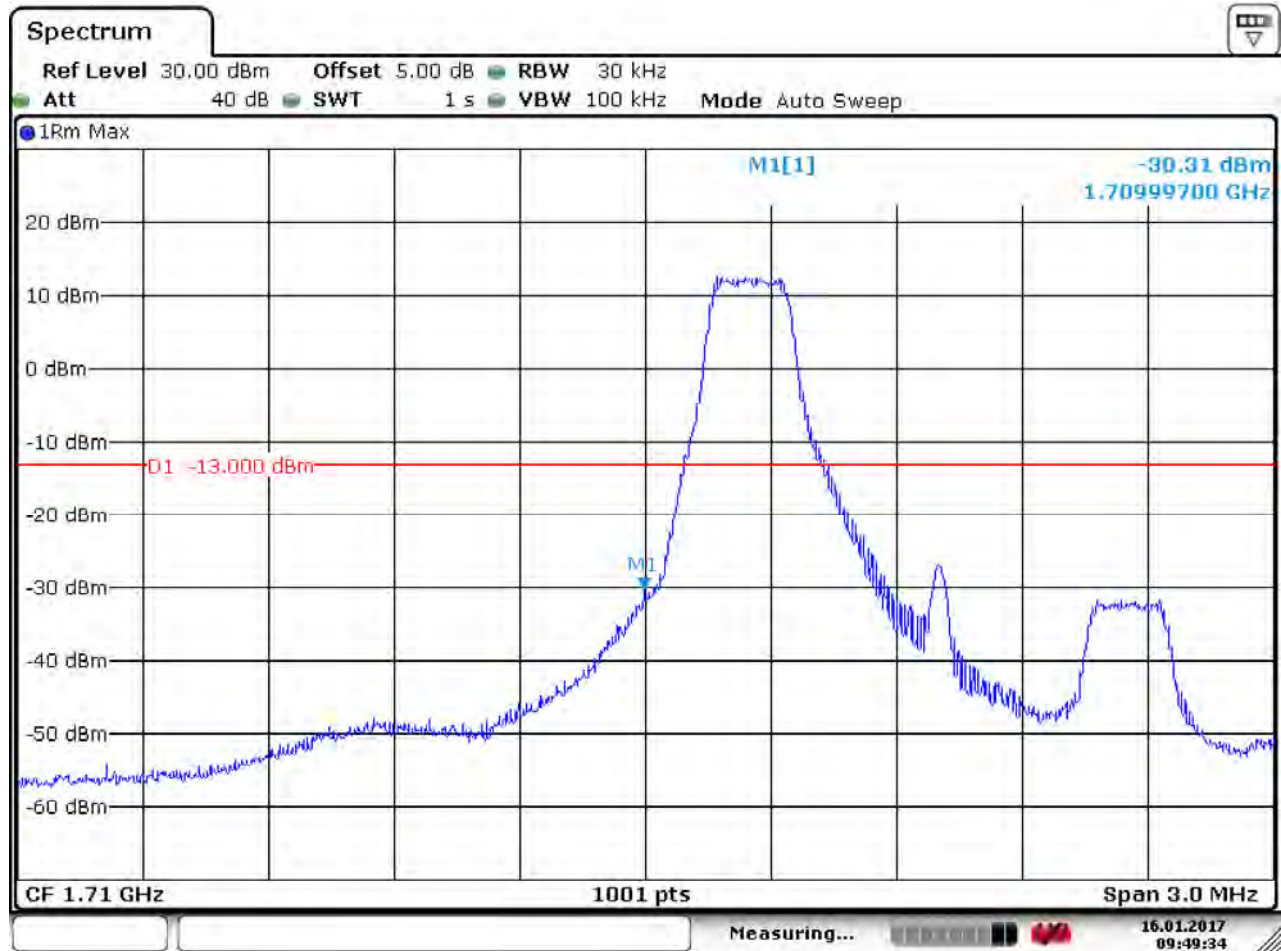
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5.1.1.3 Test Mode = LTE/TM3 1.4MHz

5.1.1.3.1 Test Channel = LCH

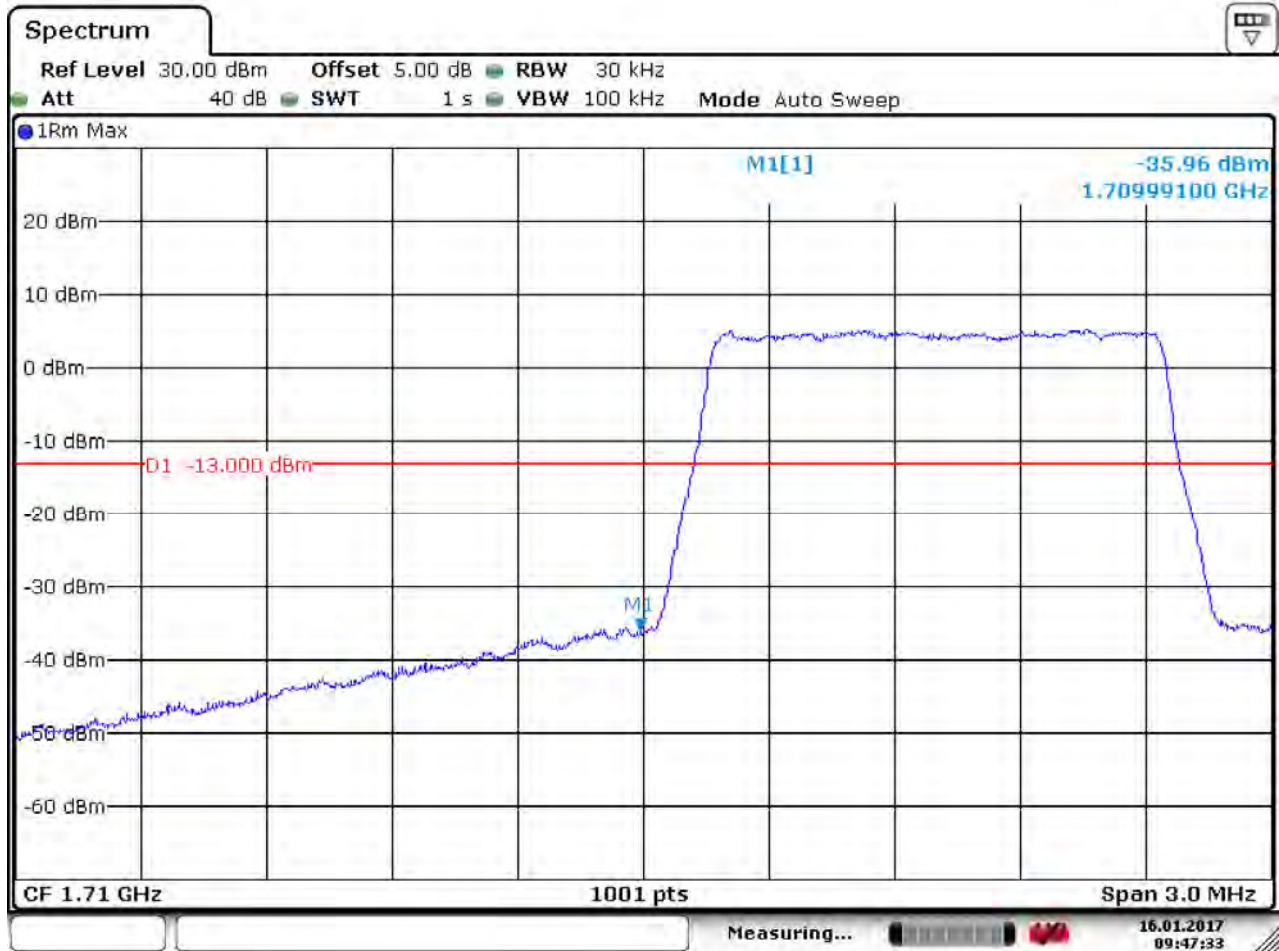
5.1.1.3.1.1 Test RB=1RB



Date: 16.JAN.2017 09:49:34



5.1.1.3.1.2 Test RB=6RB



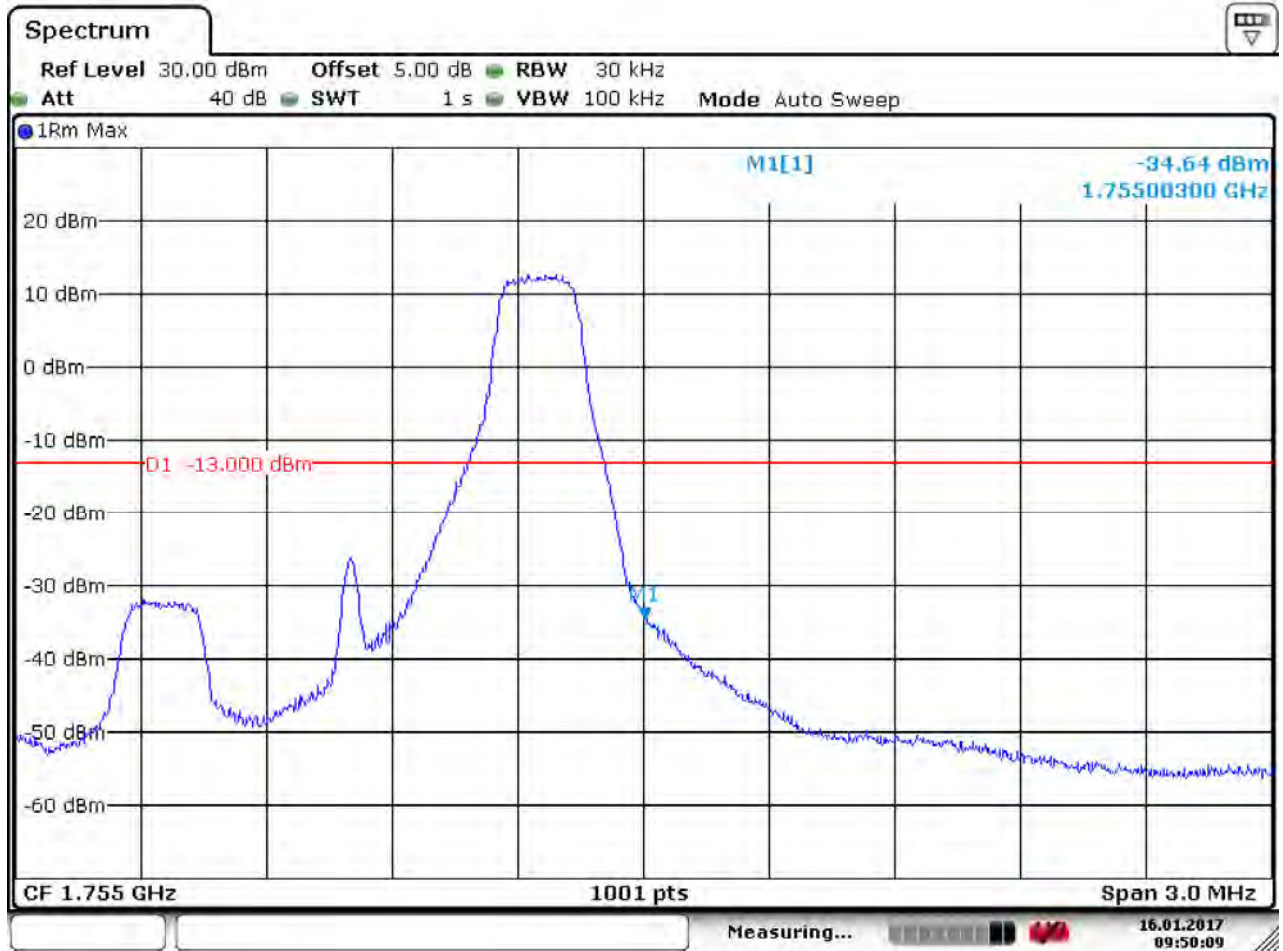
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5.1.1.3.2 Test Channel = HCH

5.1.1.3.2.1 Test RB=1RB

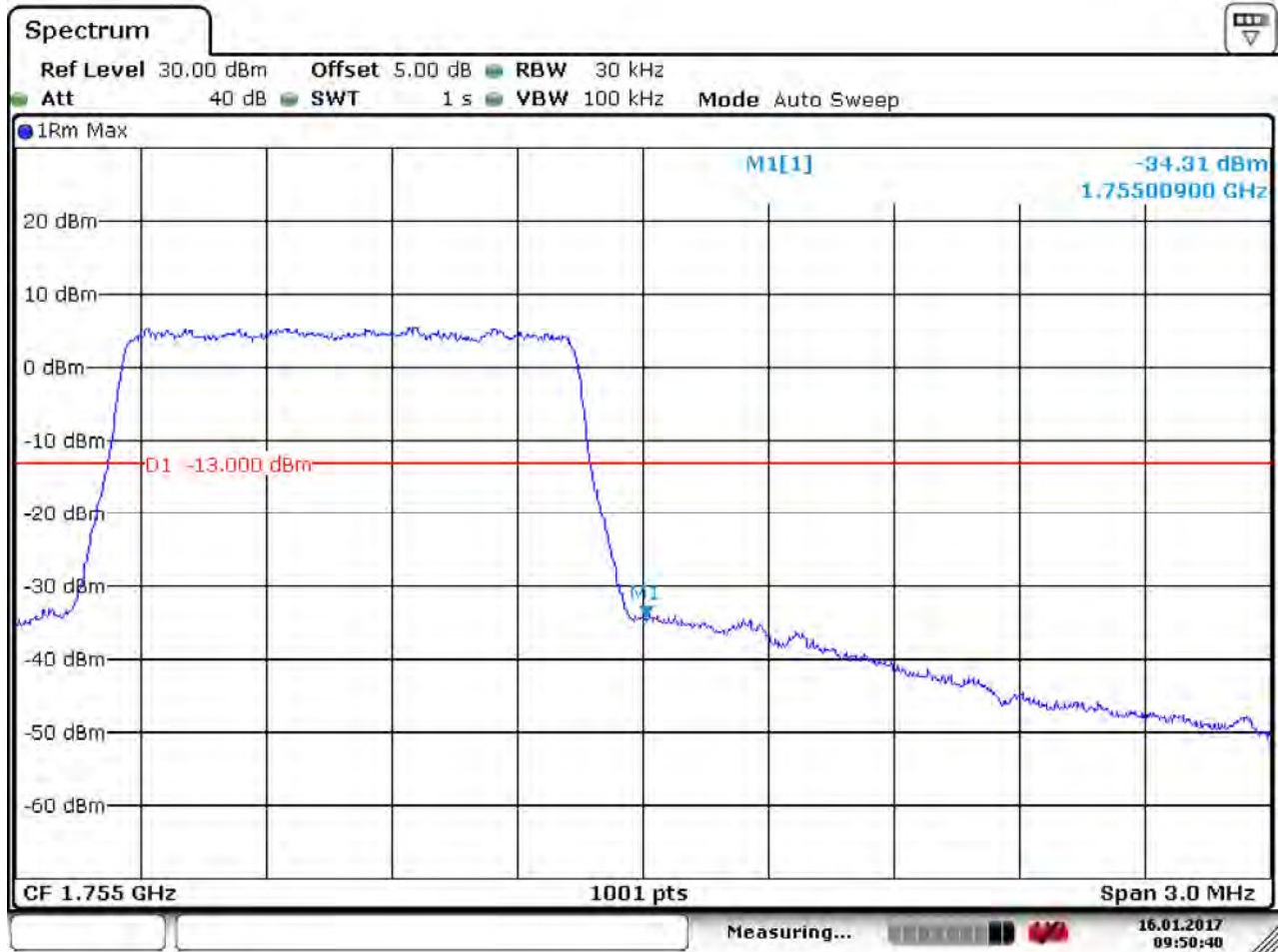


Date: 16.JAN.2017 09:50:10

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5.1.1.3.2.2 Test RB=6RB



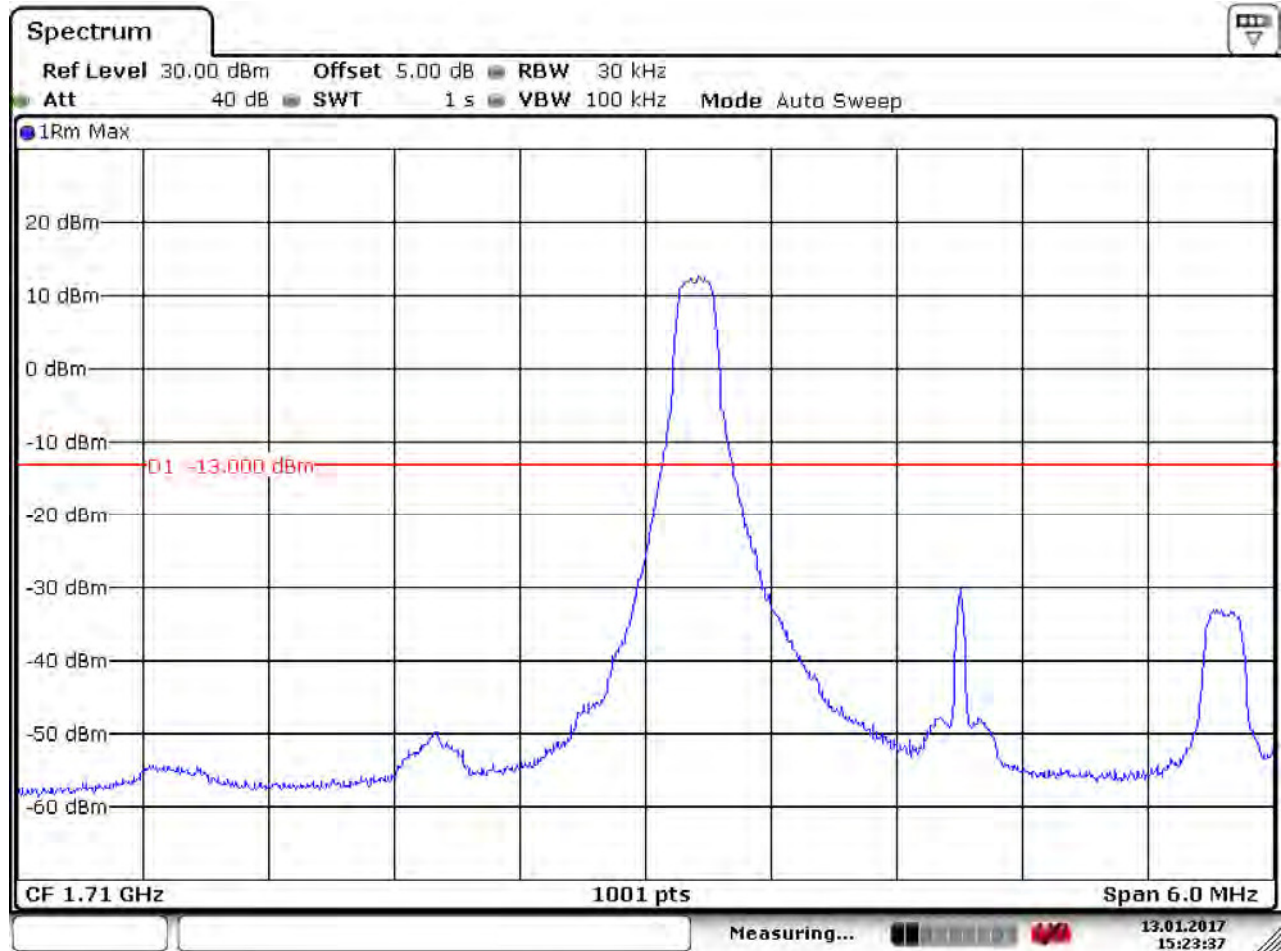
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5.1.1.4 Test Mode = LTE/TM1 3MHz

5.1.1.4.1 Test Channel = LCH

5.1.1.4.1.1 Test RB=1RB



Date: 13.JAN.2017 15:23:37



5.1.1.4.1.2 Test RB=15RB



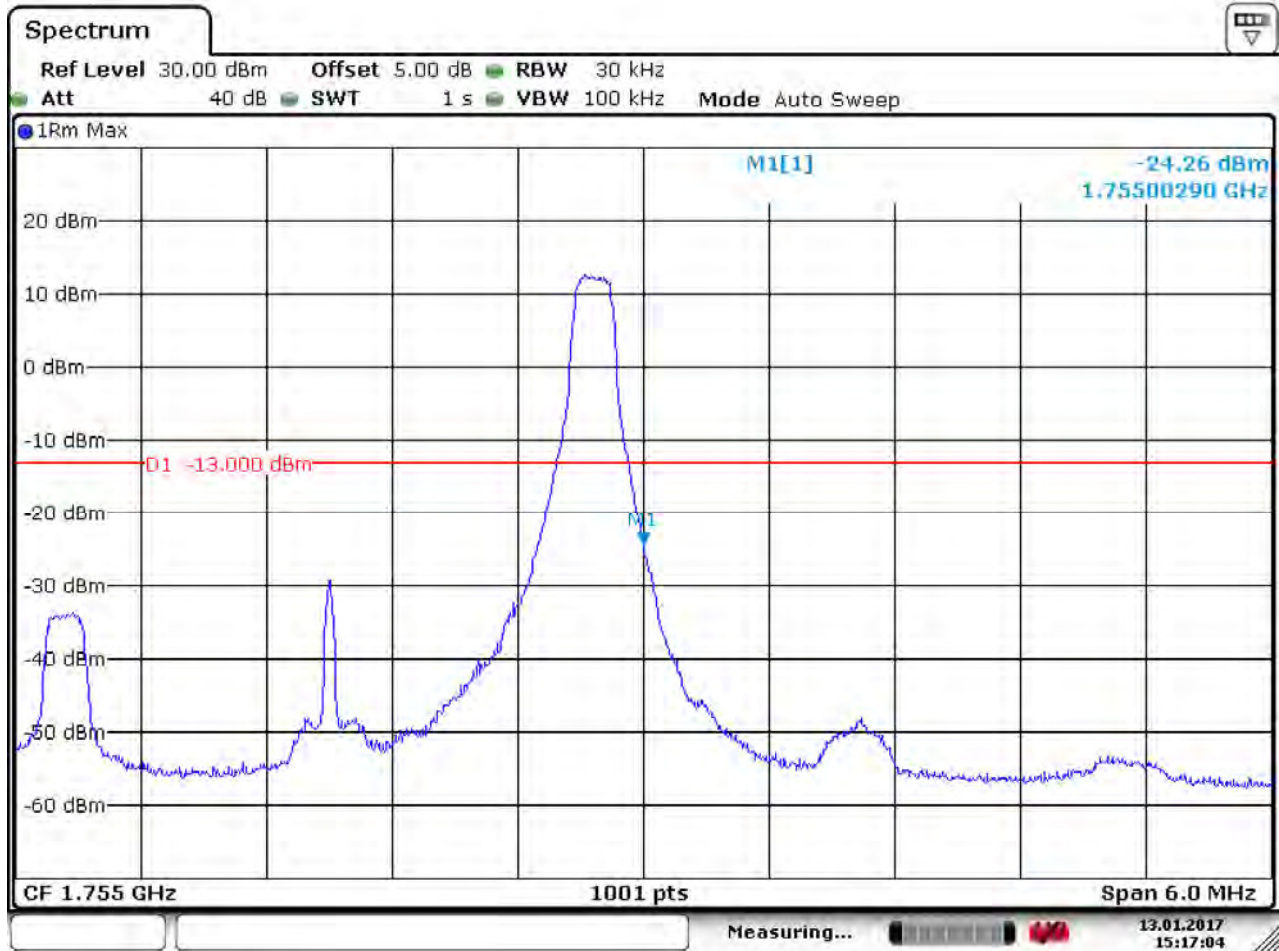
Date: 13.JAN.2017 15:25:12

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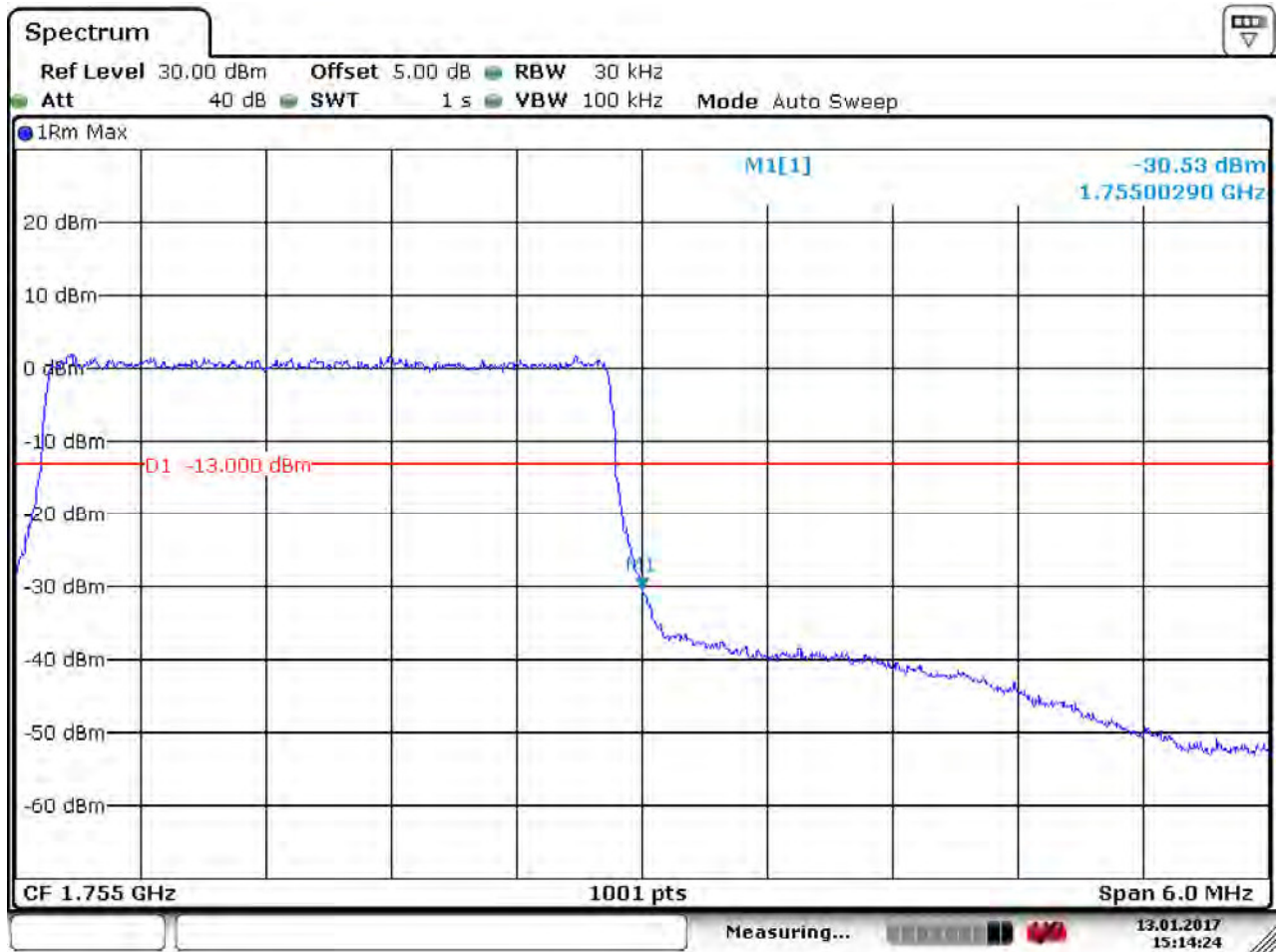
5.1.1.4.2 Test Channel = HCH

5.1.1.4.2.1 Test RB=1RB



Date: 13.JAN.2017 15:17:05

5.1.1.4.2.2 Test RB=15RB

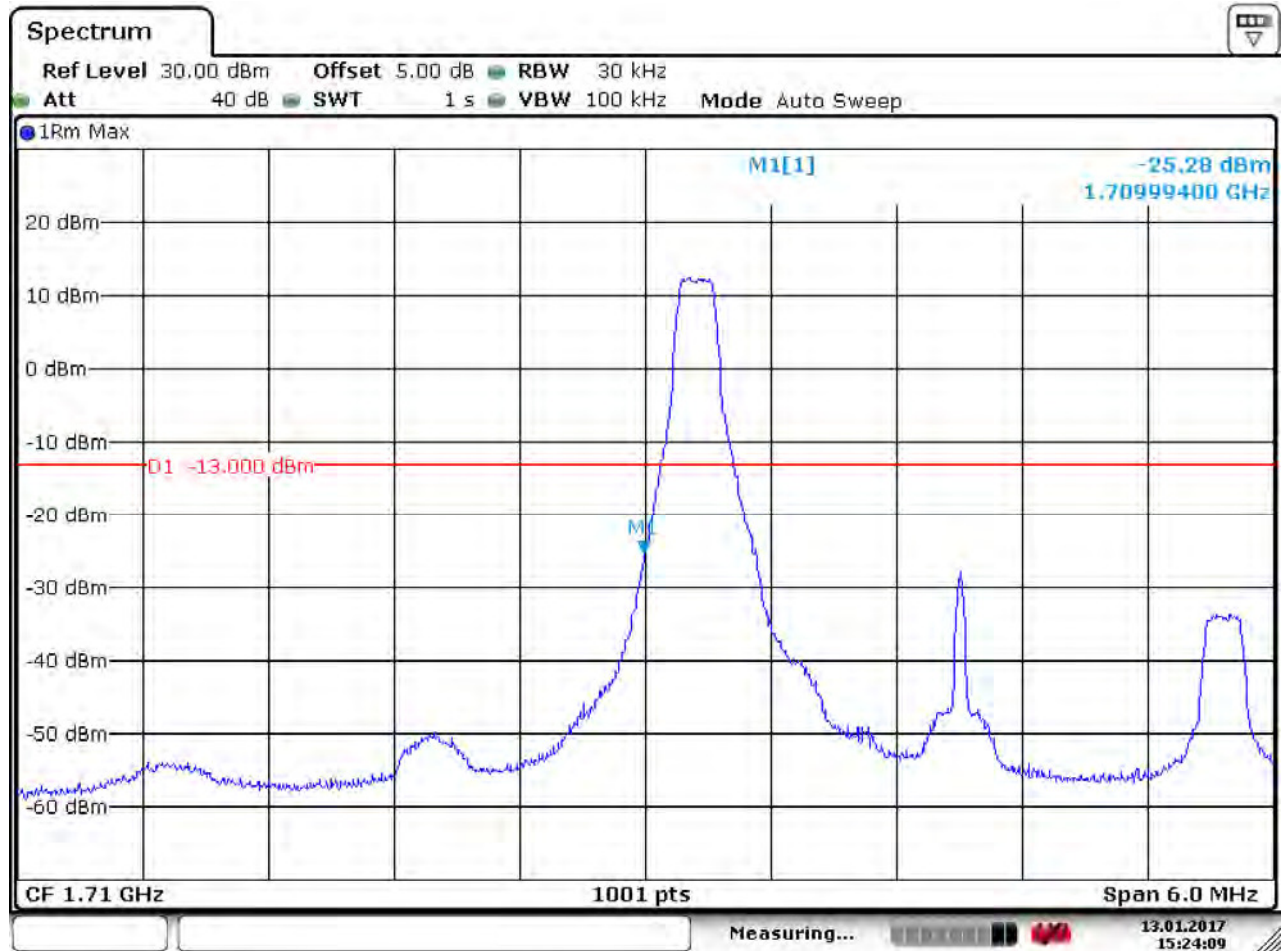


Date: 13.JAN.2017 15:14:24

5.1.1.5 Test Mode = LTE/TM2 3MHz

5.1.1.5.1 Test Channel = LCH

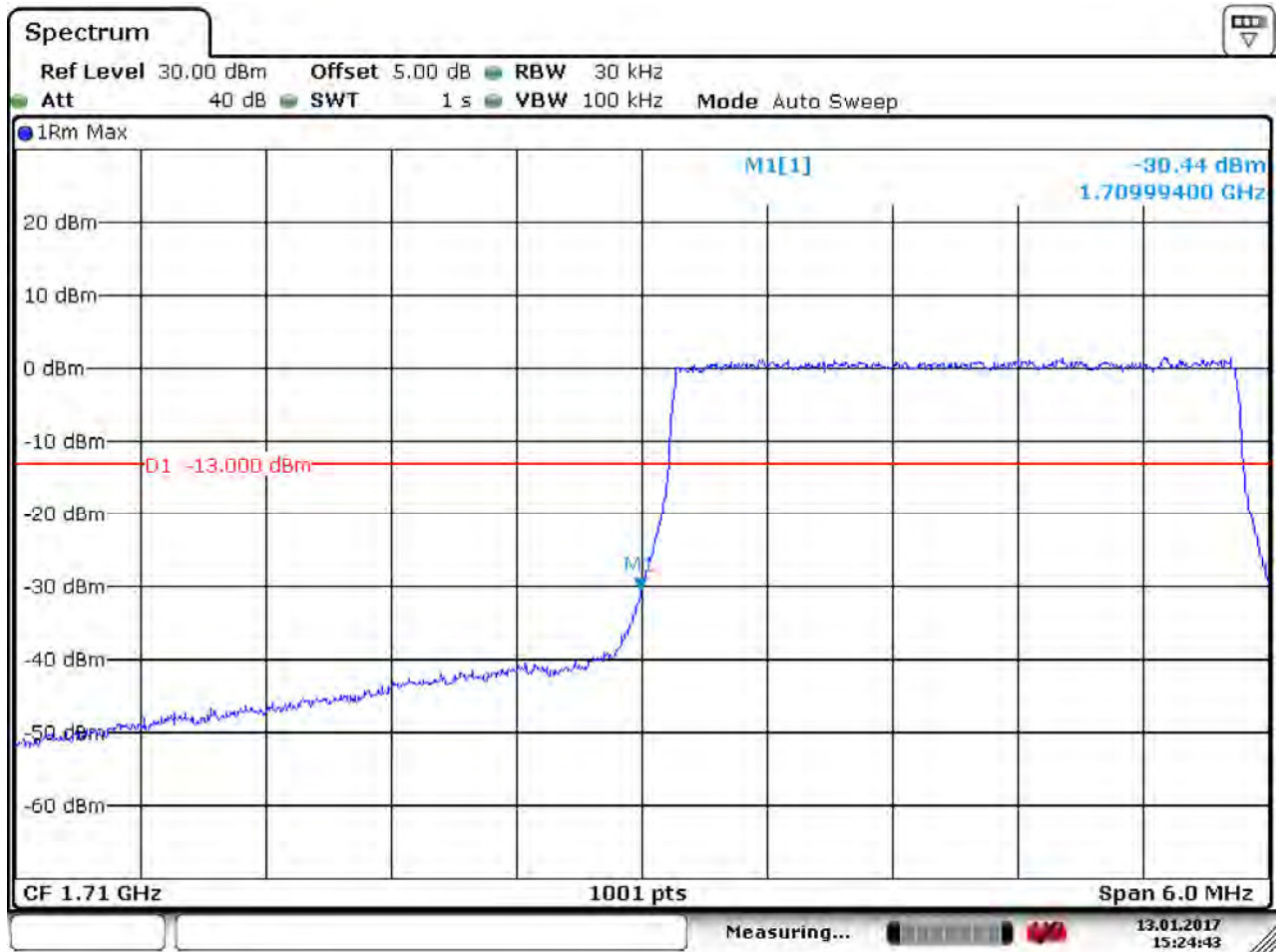
5.1.1.5.1.1 Test RB=1RB



Date: 13.JAN.2017 15:24:09



5.1.1.5.1.2 Test RB=15RB



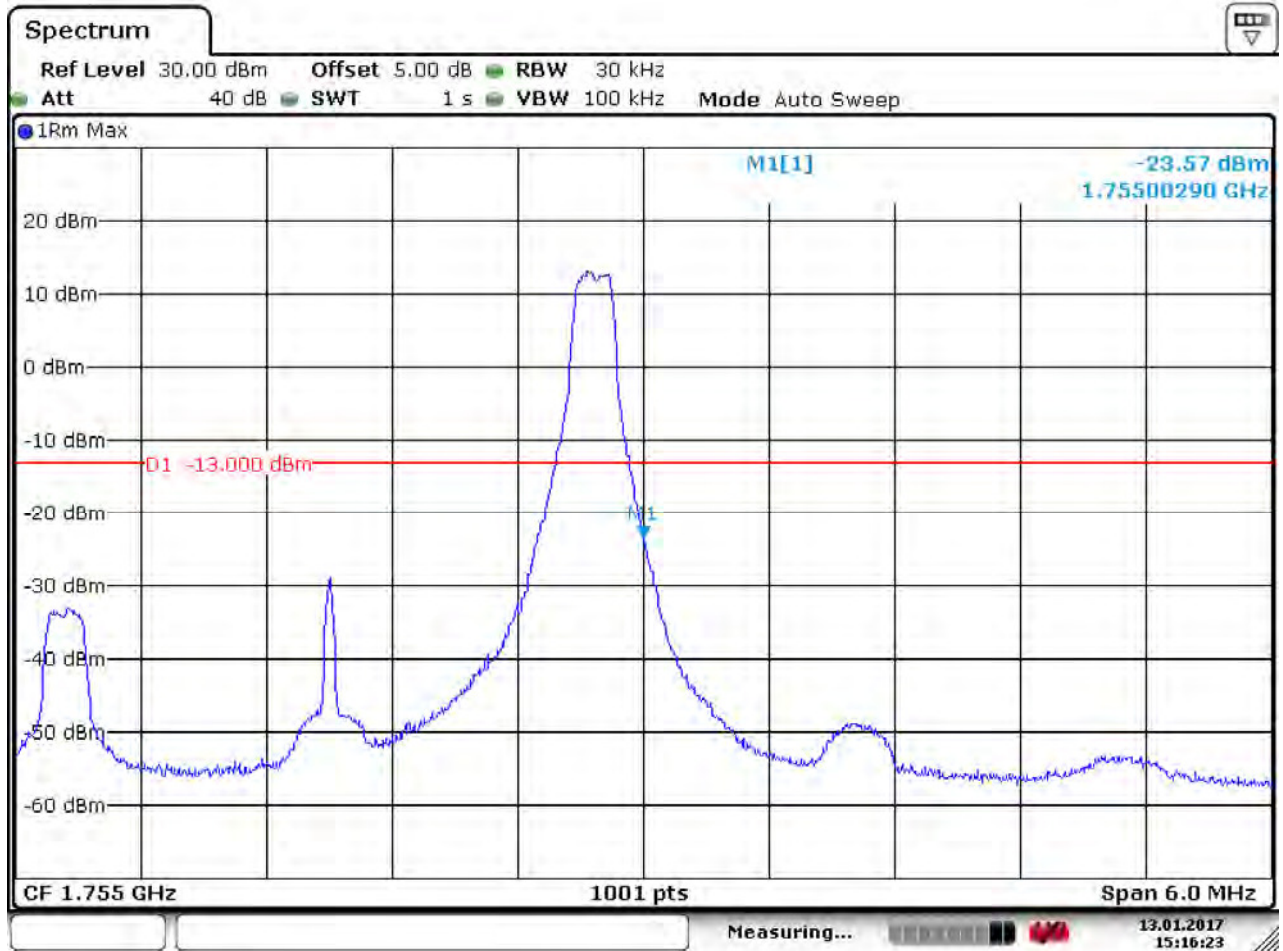
Date: 13.JAN.2017 15:24:44

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5.1.1.5.2 Test Channel = HCH

5.1.1.5.2.1 Test RB=1RB

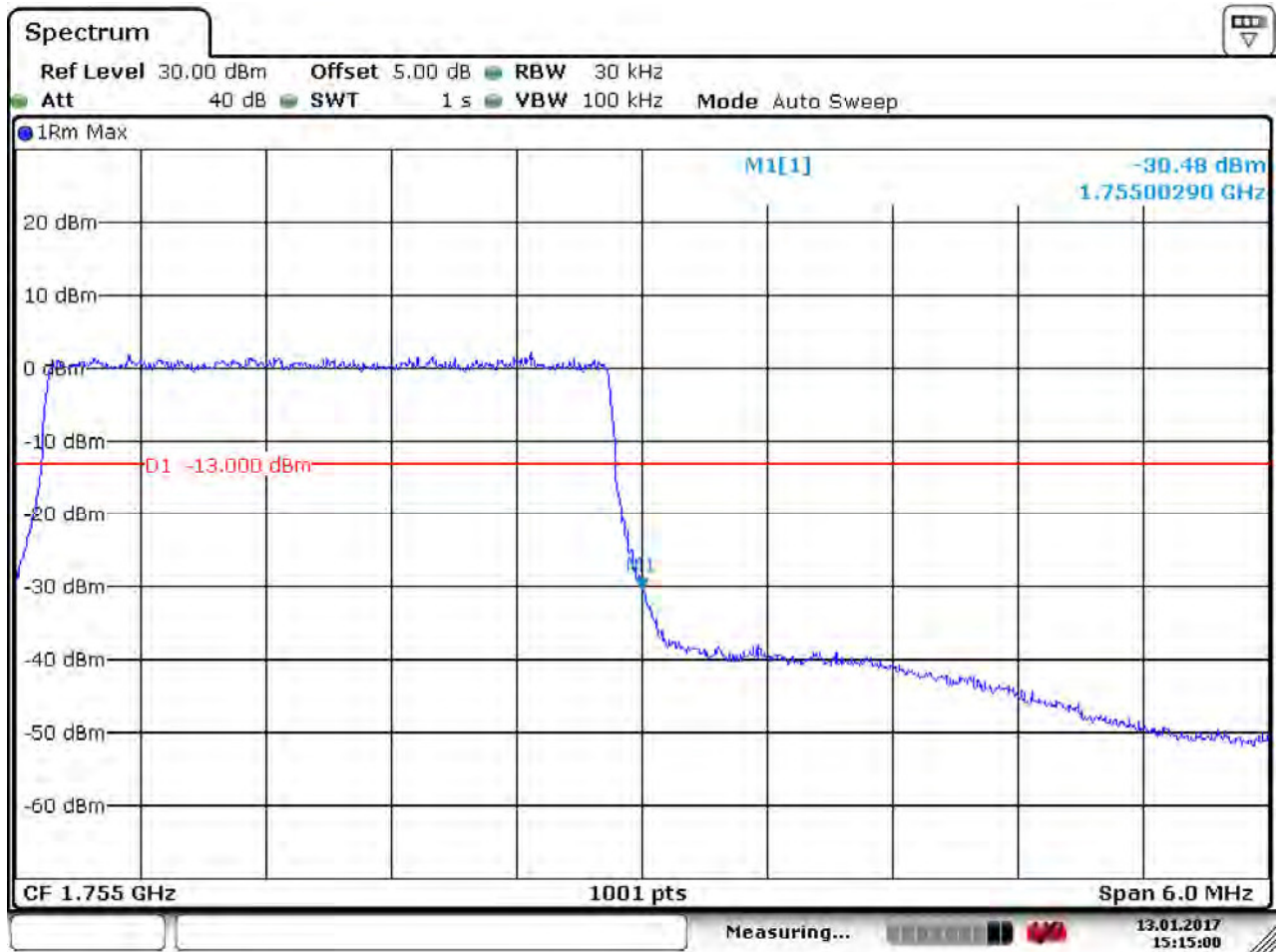


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5.1.1.5.3 Test RB=15RB



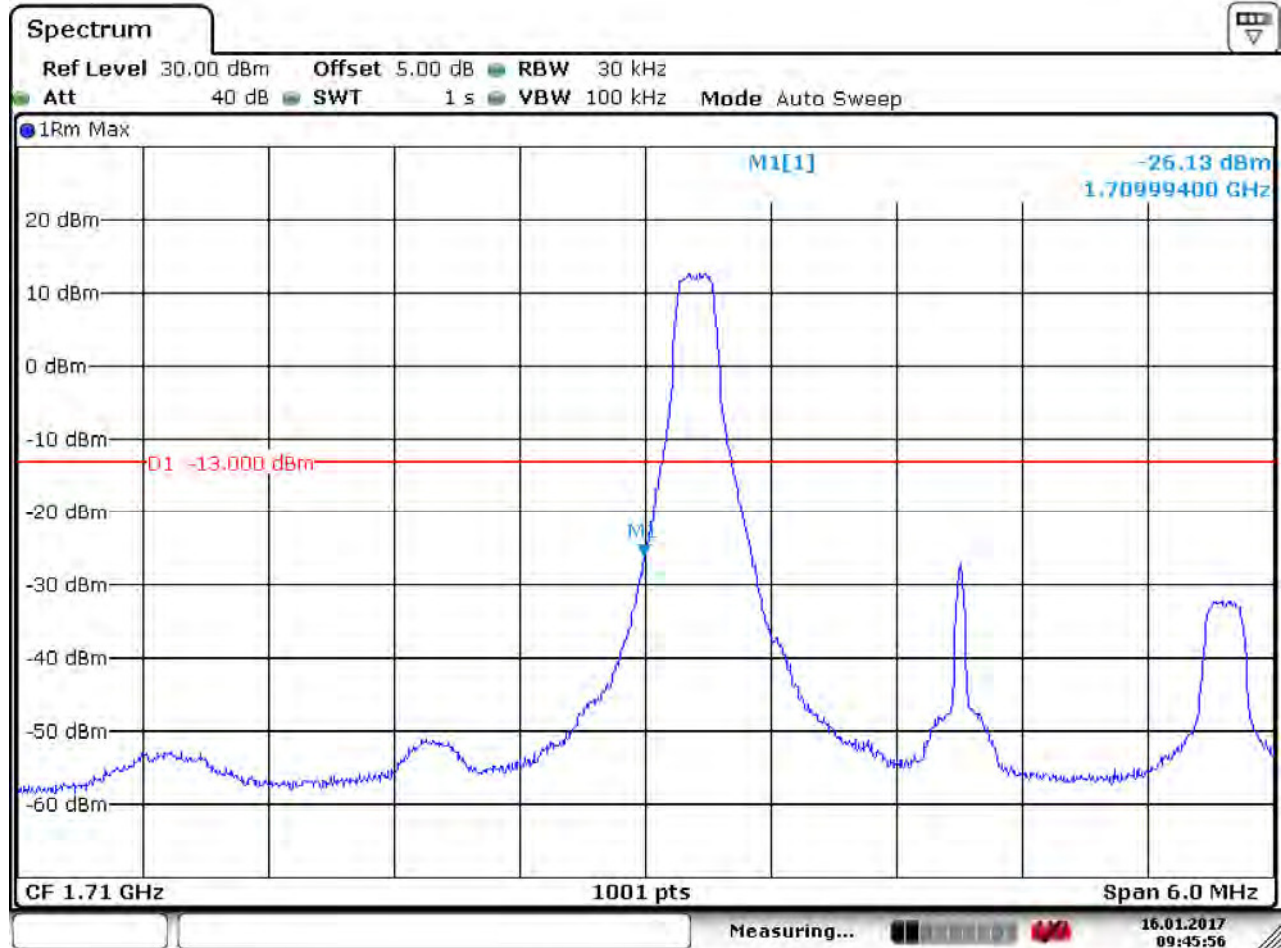
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5.1.1.6 Test Mode = LTE/TM3 3MHz

5.1.1.6.1 Test Channel = LCH

5.1.1.6.2 Test RB=1RB



Date: 16.JAN.2017 09:45:56