



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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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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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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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	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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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
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



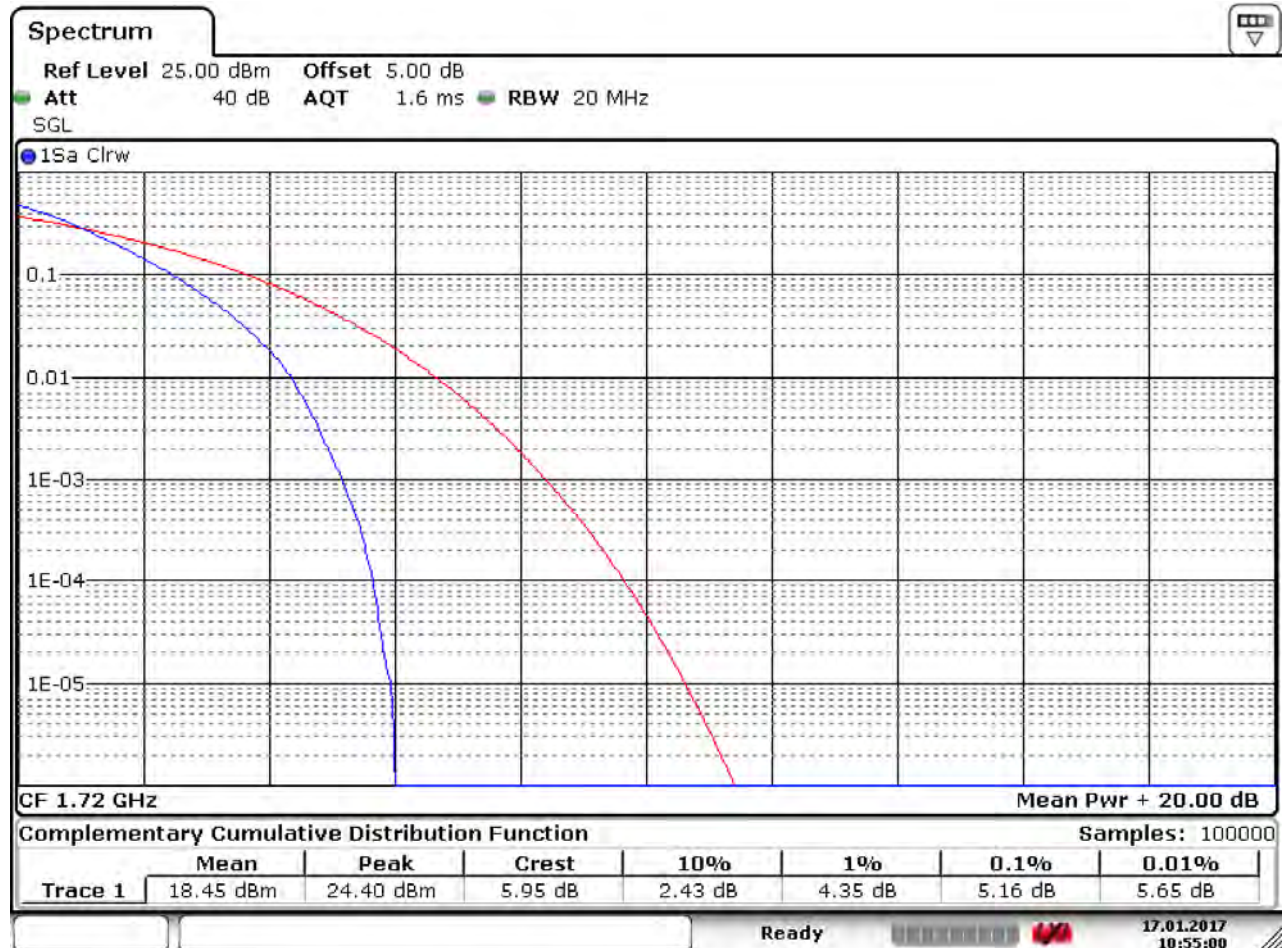
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band 4

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

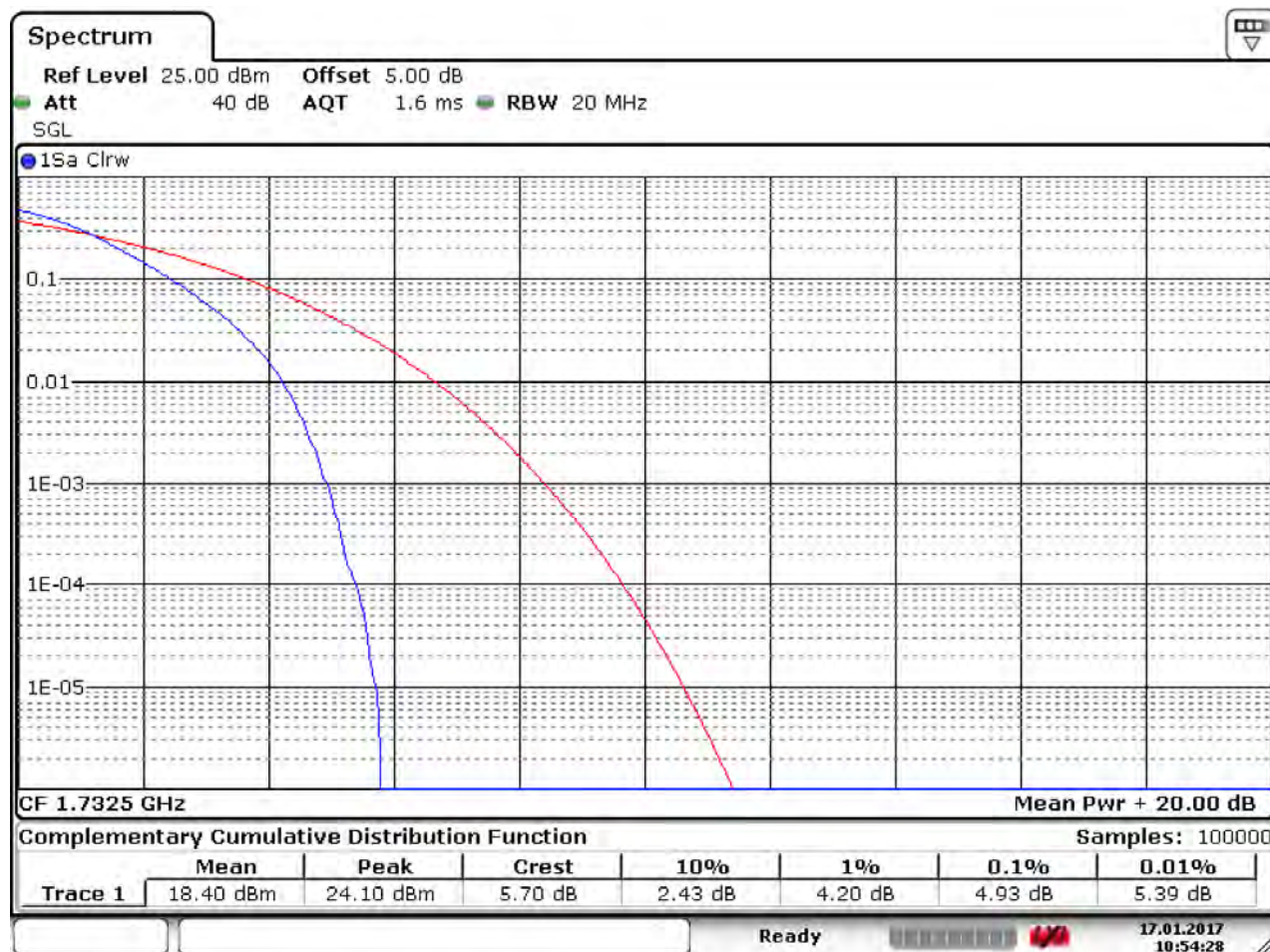
2.1.1.1.1 Test Channel = LCH



Date: 17.JAN.2017 10:55:00



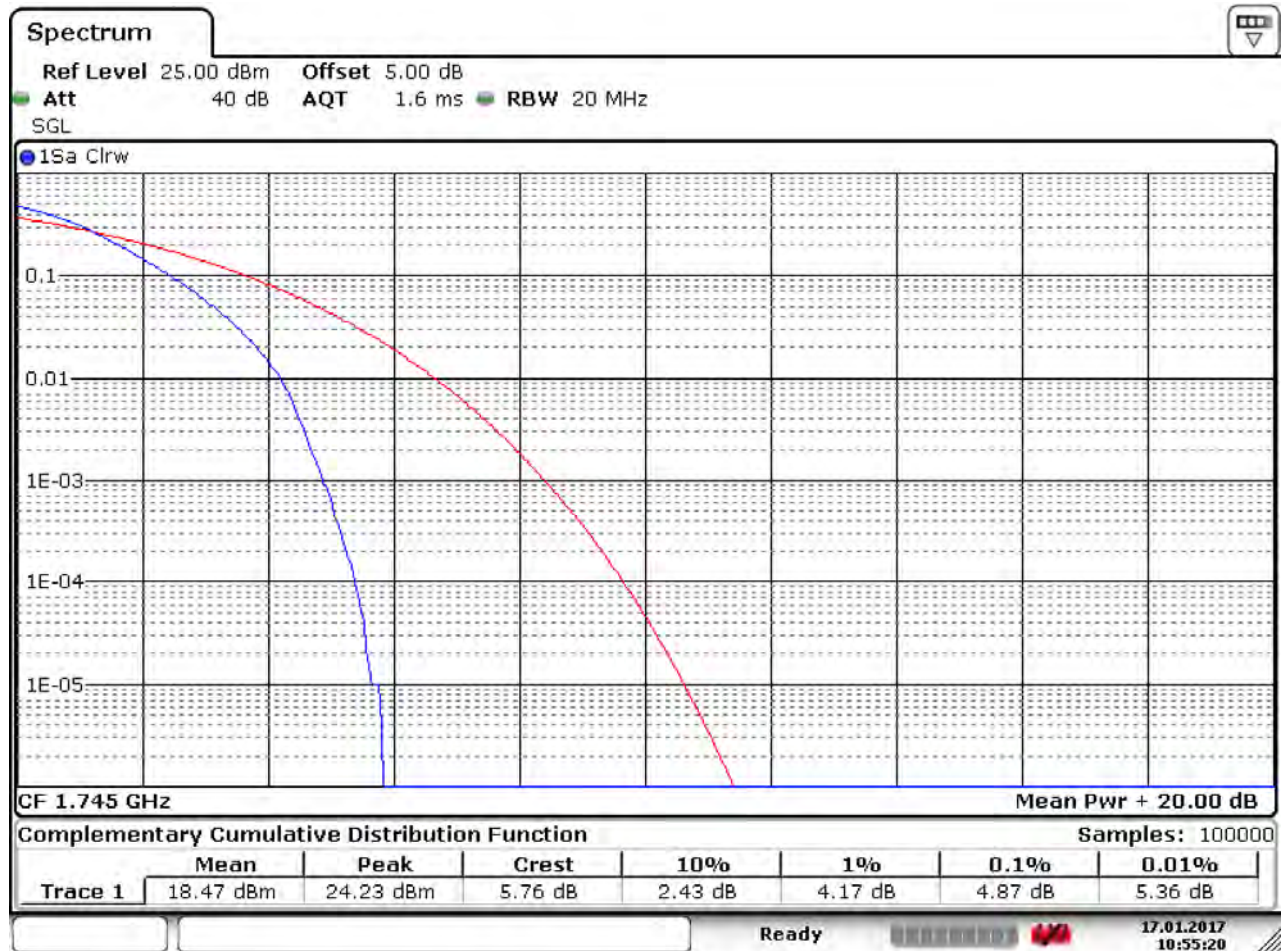
2.1.1.1.2 Test Channel = MCH



Date: 17.JAN.2017 10:54:28



2.1.1.1.3 Test Channel = HCH

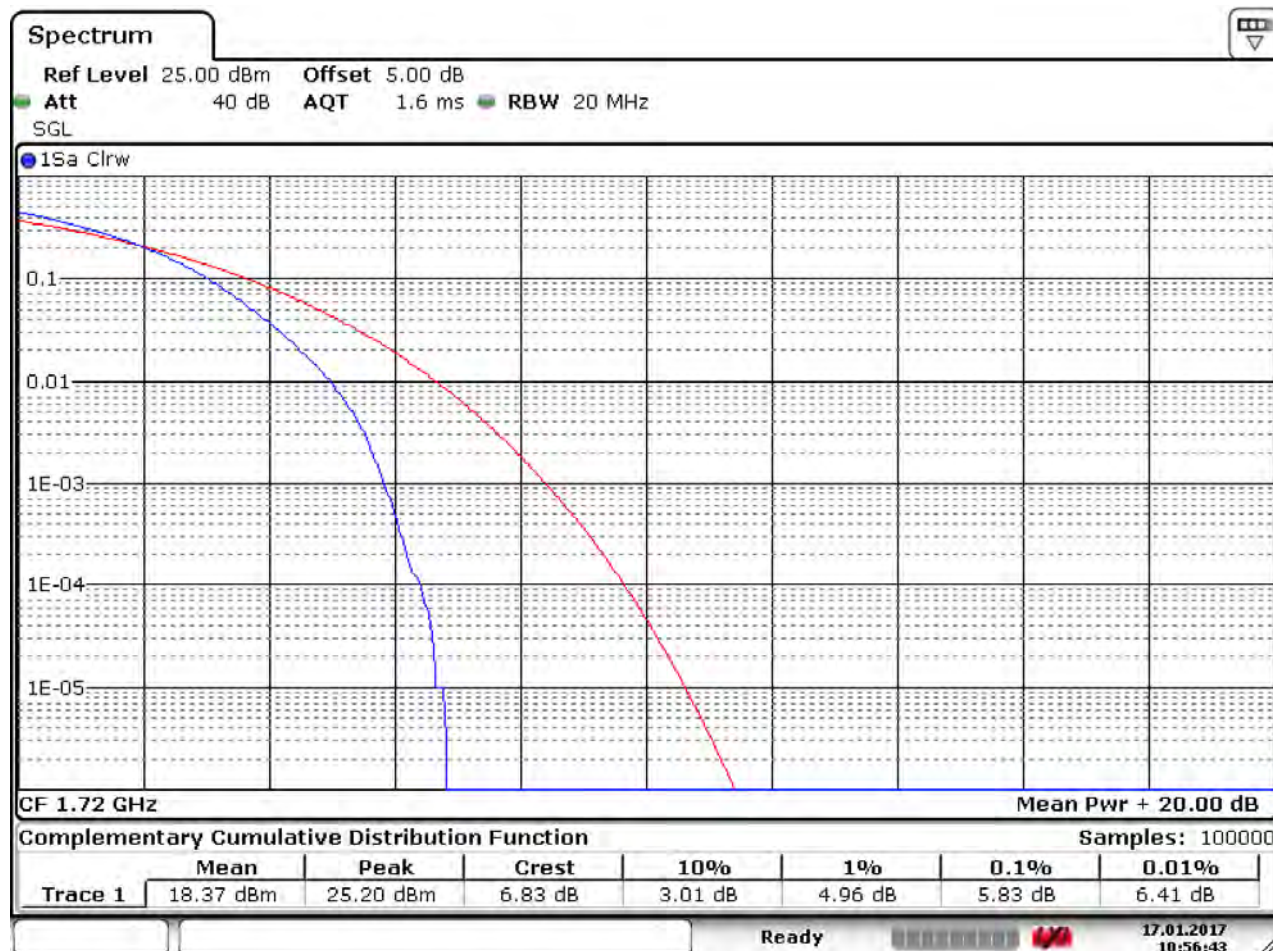


Date: 17.JAN.2017 10:55:20



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



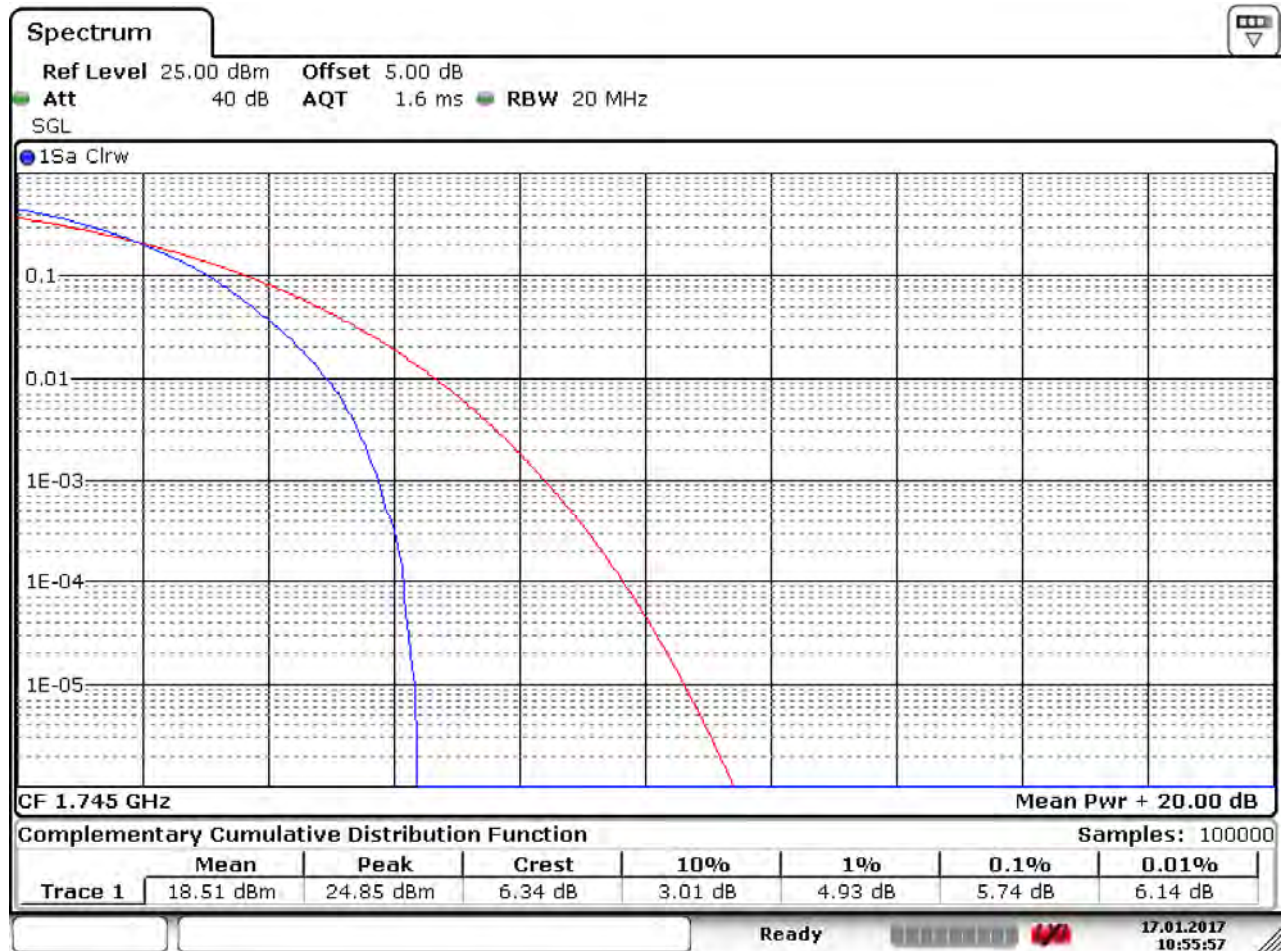
2.1.1.2.2 Test Channel = MCH



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



2.1.1.2.3 Test Channel = HCH



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



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



2.1.1.3.2 Test Channel = MCH



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



2.1.1.3.3 Test Channel = HCH



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



3 Modulation Characteristics

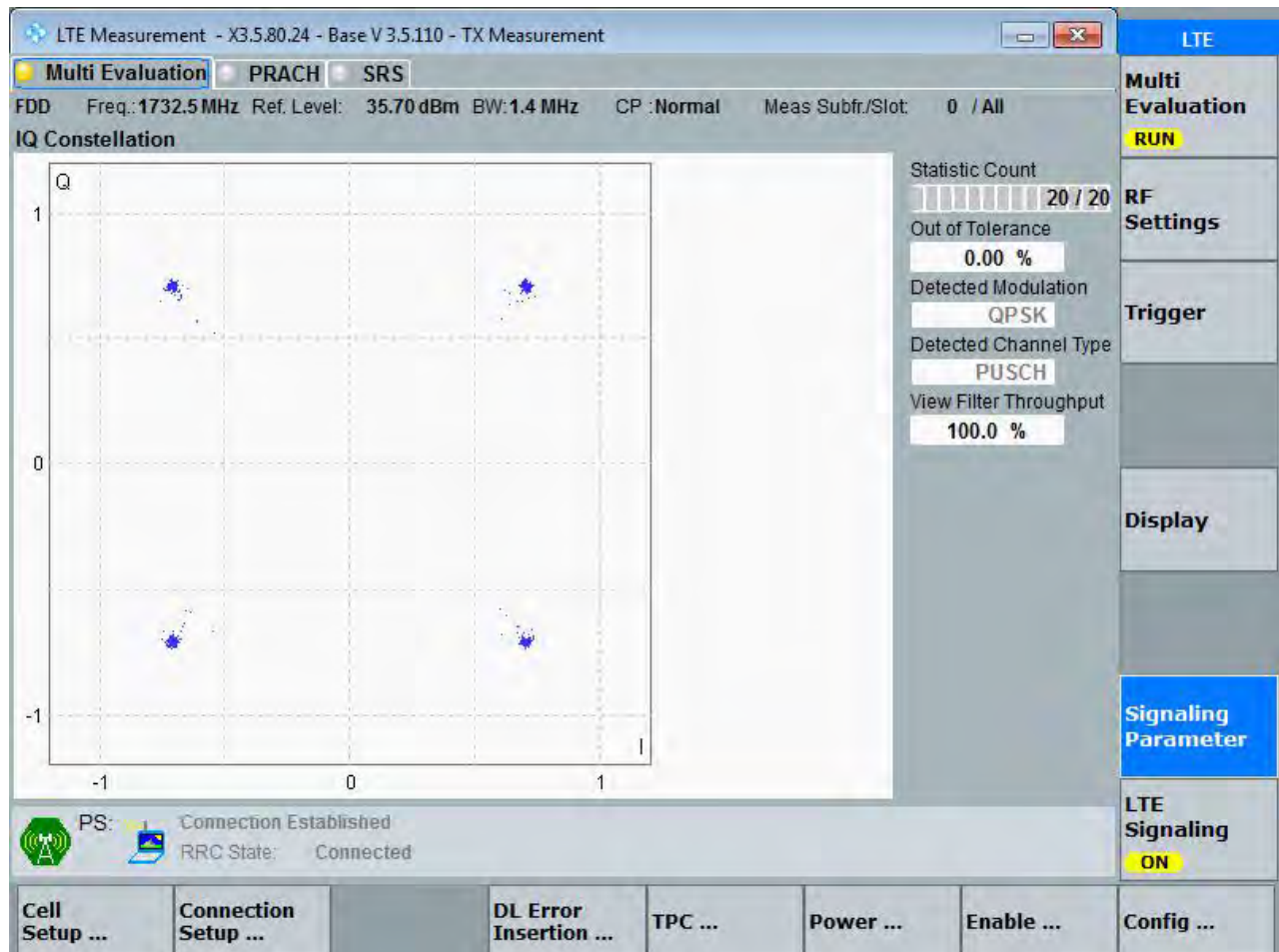
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE band 4

3.1.1.1 Test Mode = LTE /TM1 1.4MHz

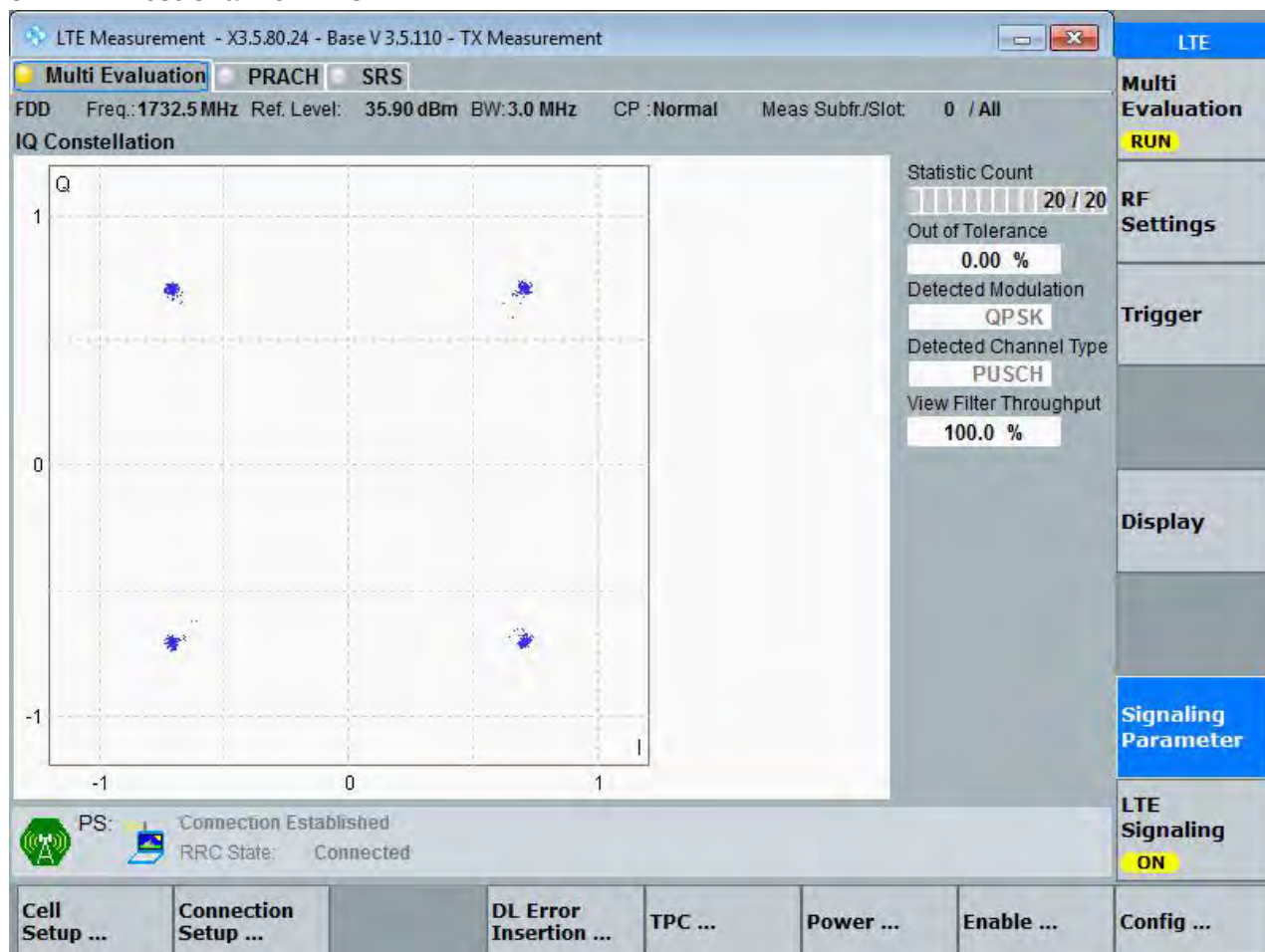
3.1.1.1.1 Test Channel = MCH





3.1.1.2 Test Mode = LTE /TM1 3MHz

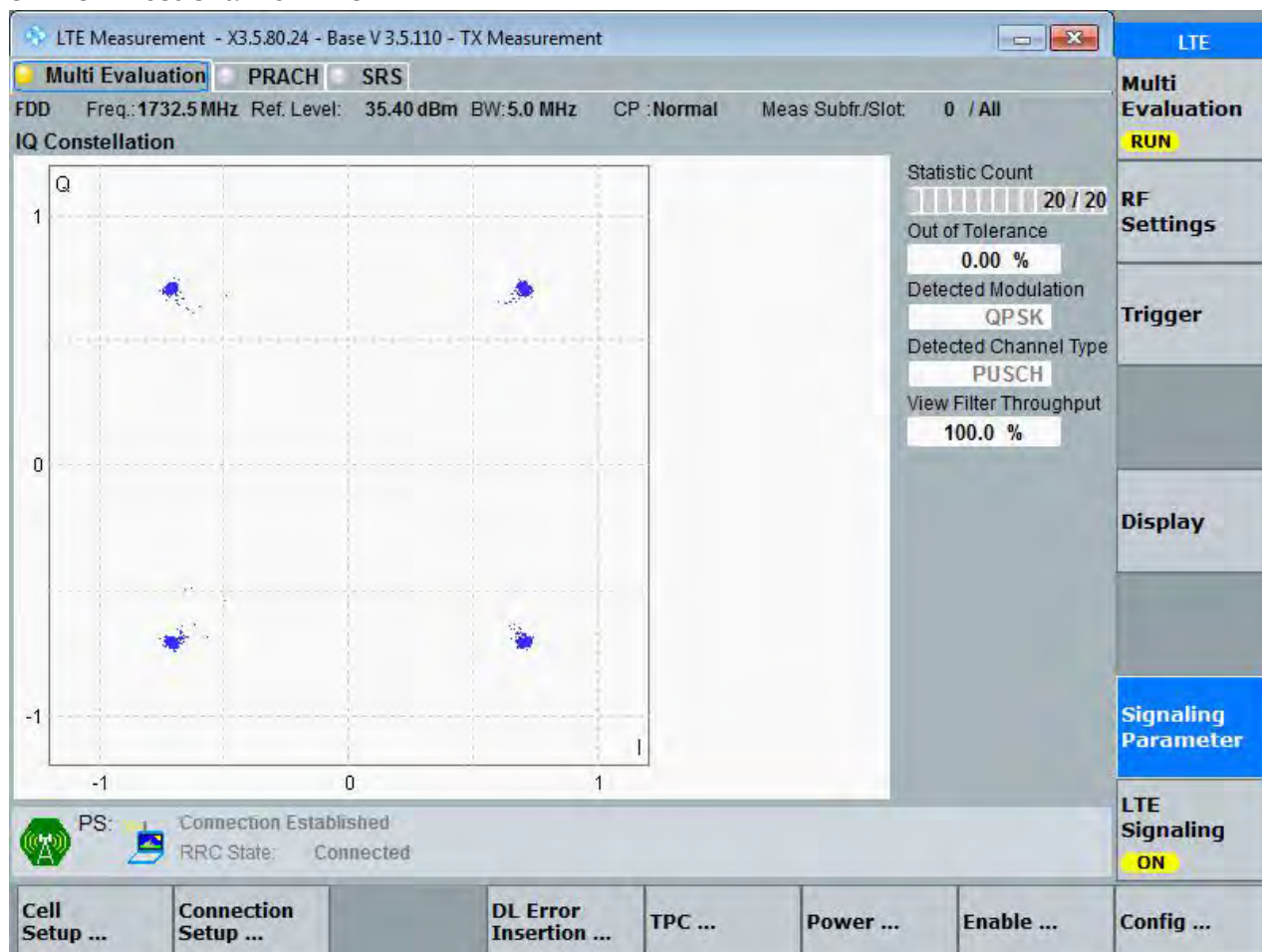
3.1.1.2.1 Test Channel = MCH





3.1.1.3 Test Mode = LTE /TM1 5MHz

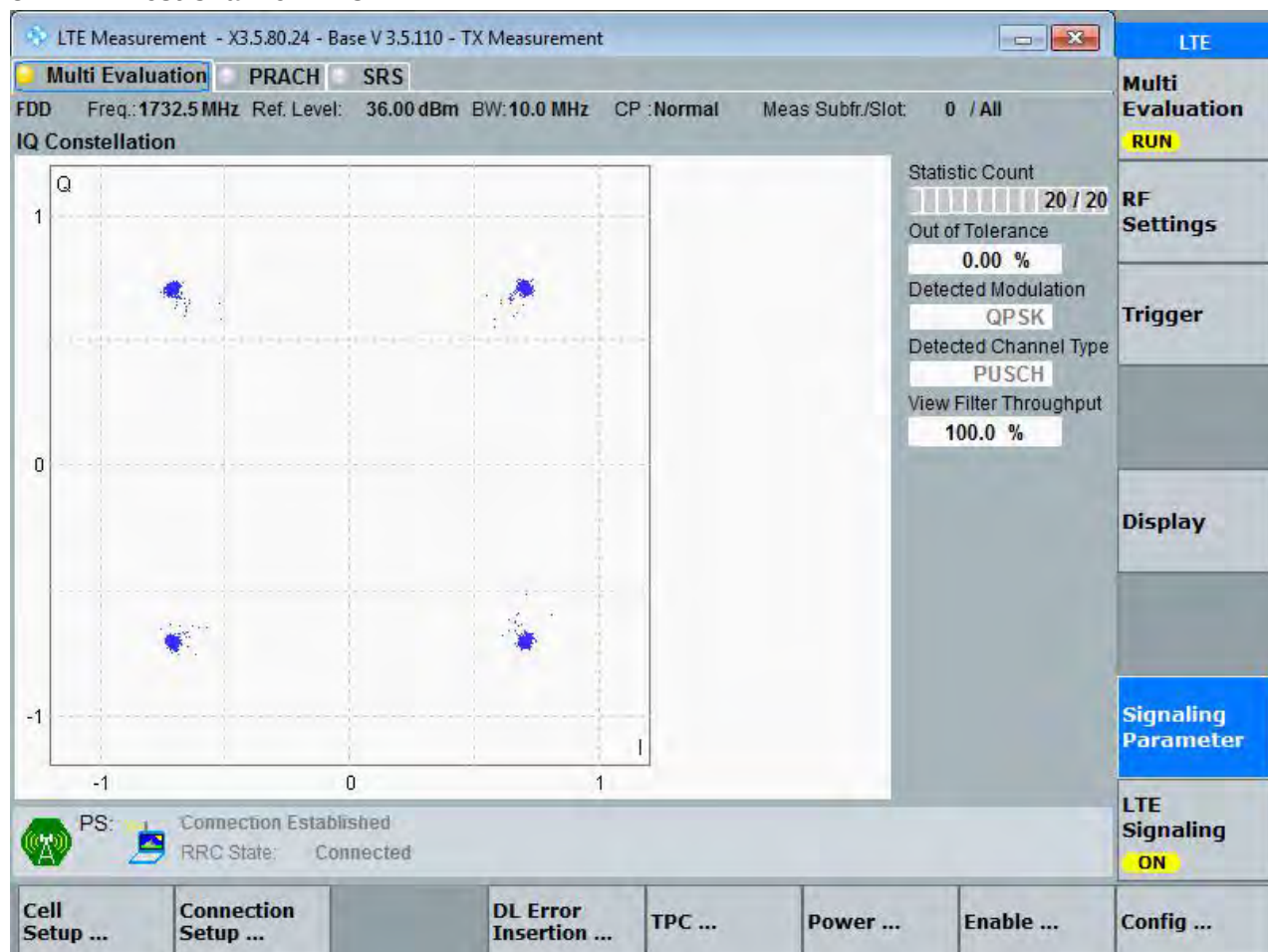
3.1.1.3.1 Test Channel = MCH





3.1.1.4 Test Mode = LTE /TM1 10MHz

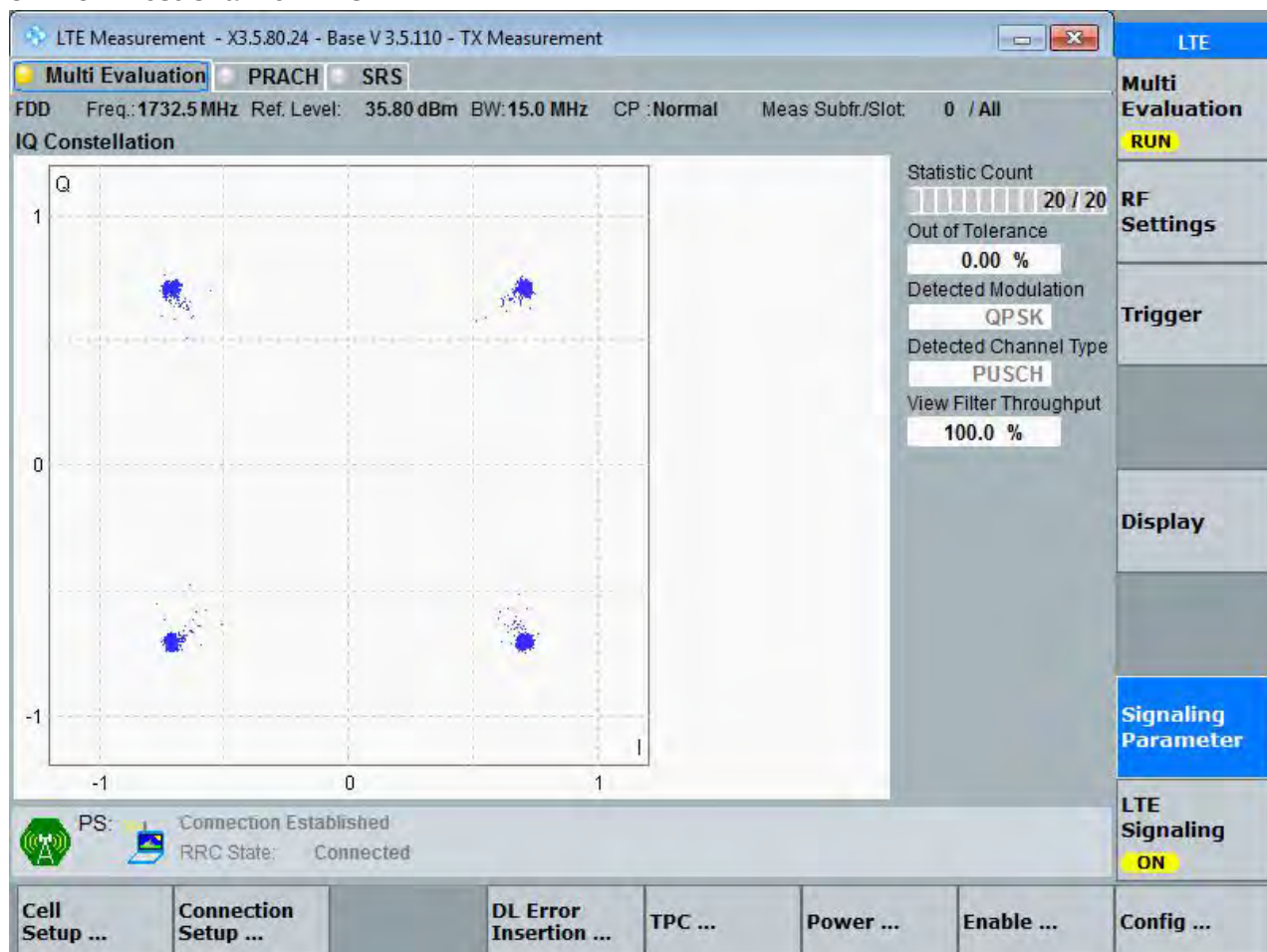
3.1.1.4.1 Test Channel = MCH





3.1.1.5 Test Mode = LTE /TM1 15MHz

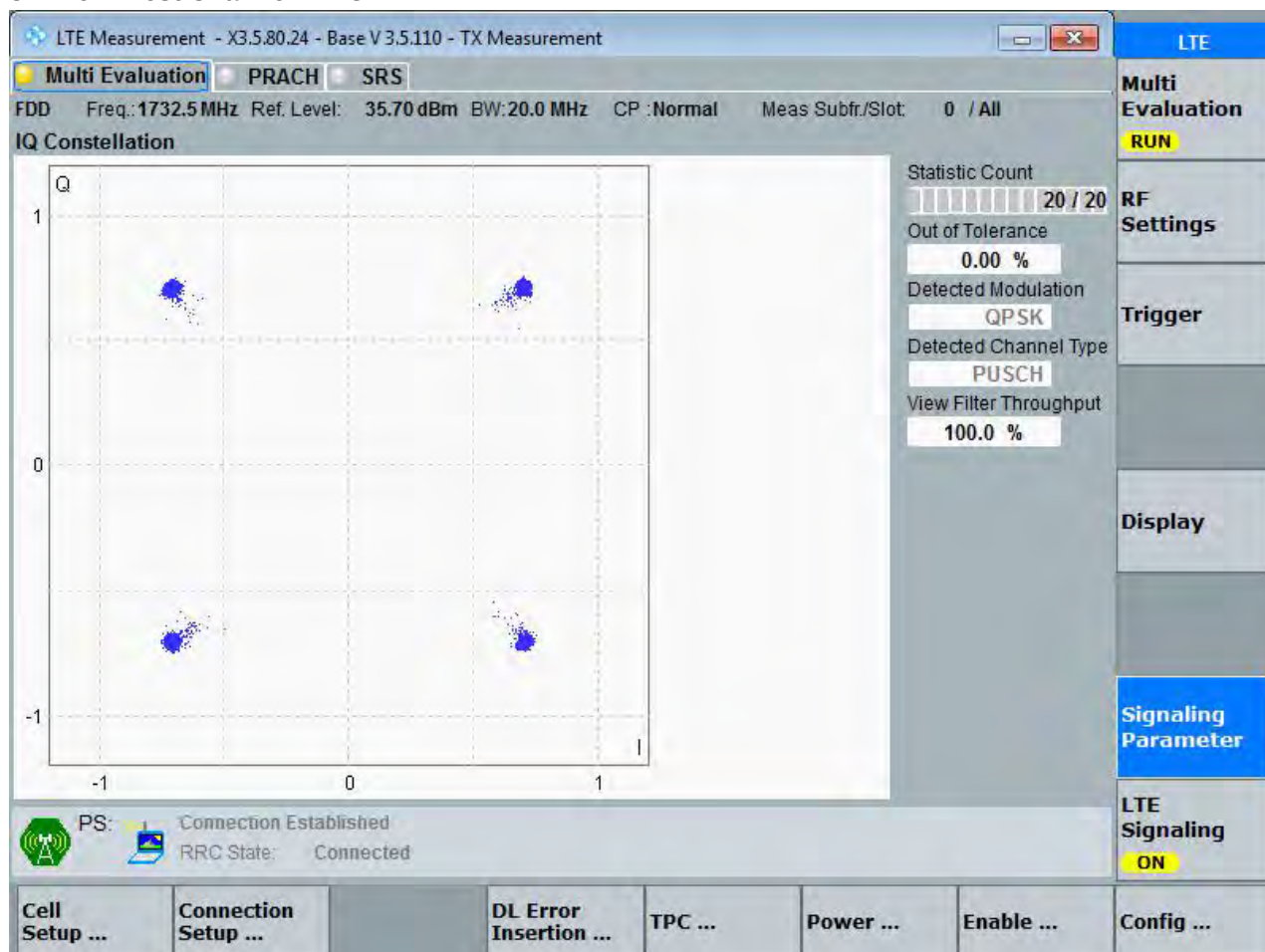
3.1.1.5.1 Test Channel = MCH





3.1.1.6 Test Mode = LTE /TM1 20MHz

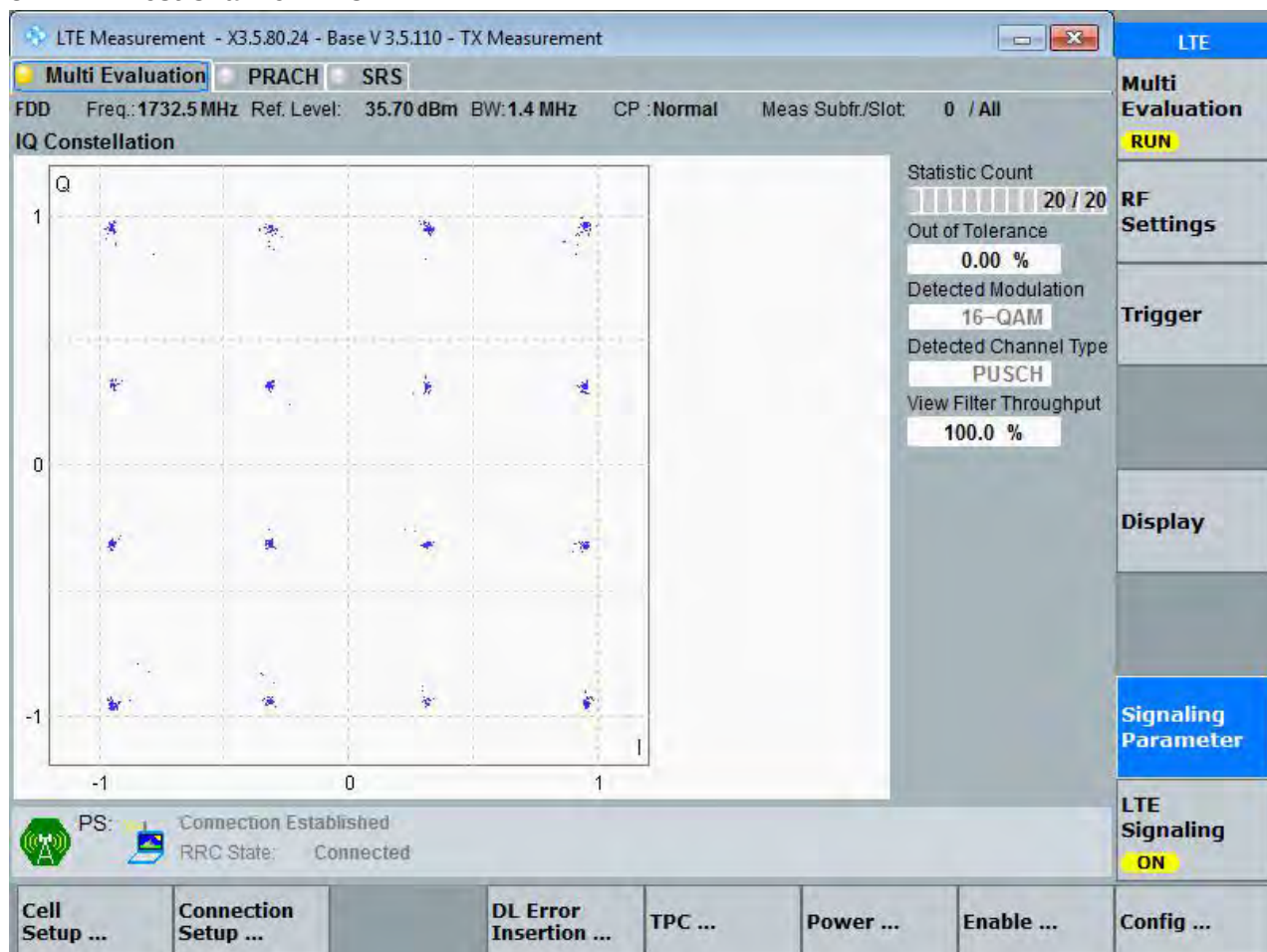
3.1.1.6.1 Test Channel = MCH





3.1.1.7 Test Mode = LTE /TM2 1.4MHz

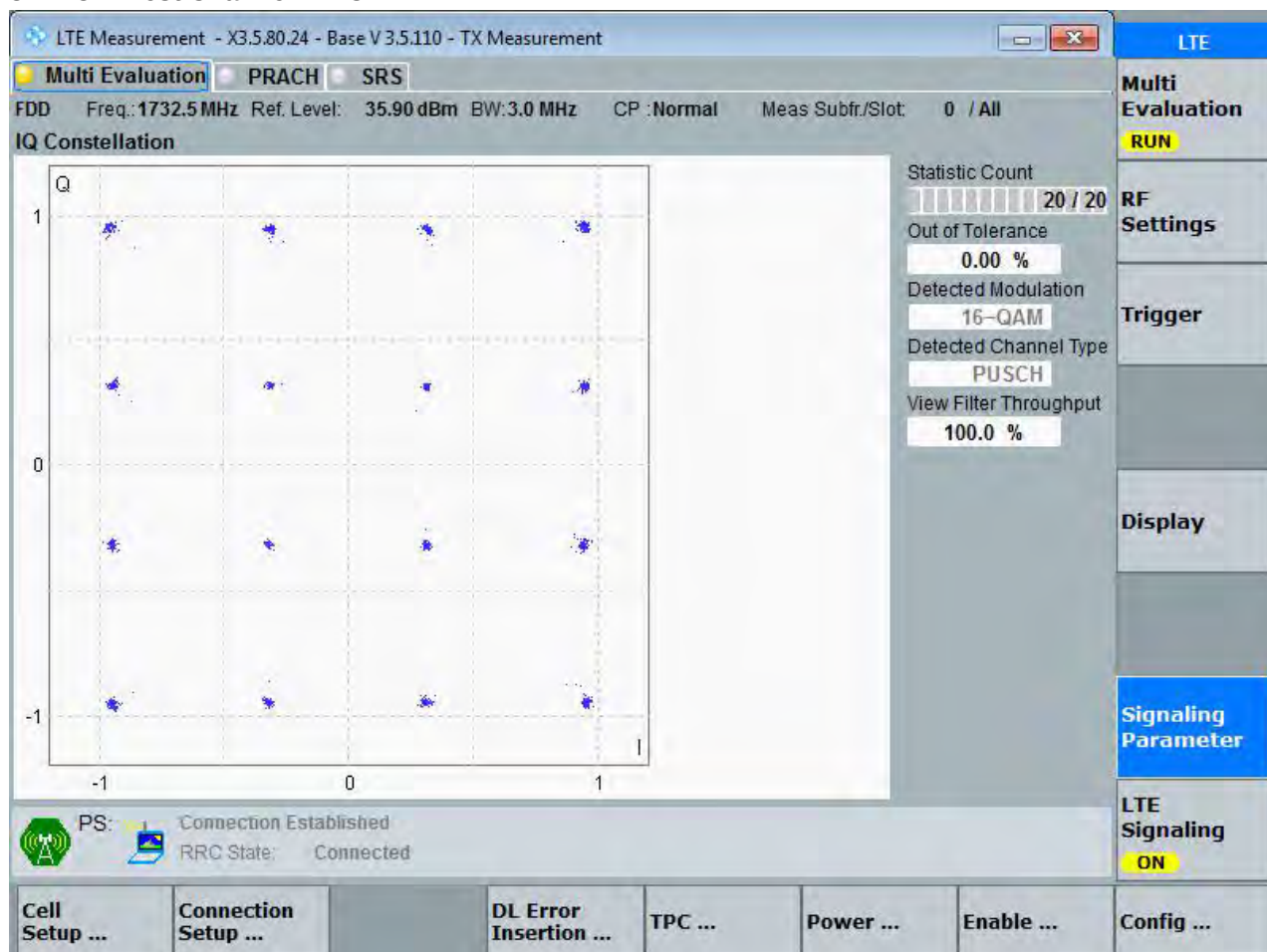
3.1.1.7.1 Test Channel = MCH





3.1.1.8 Test Mode = LTE /TM2 3MHz

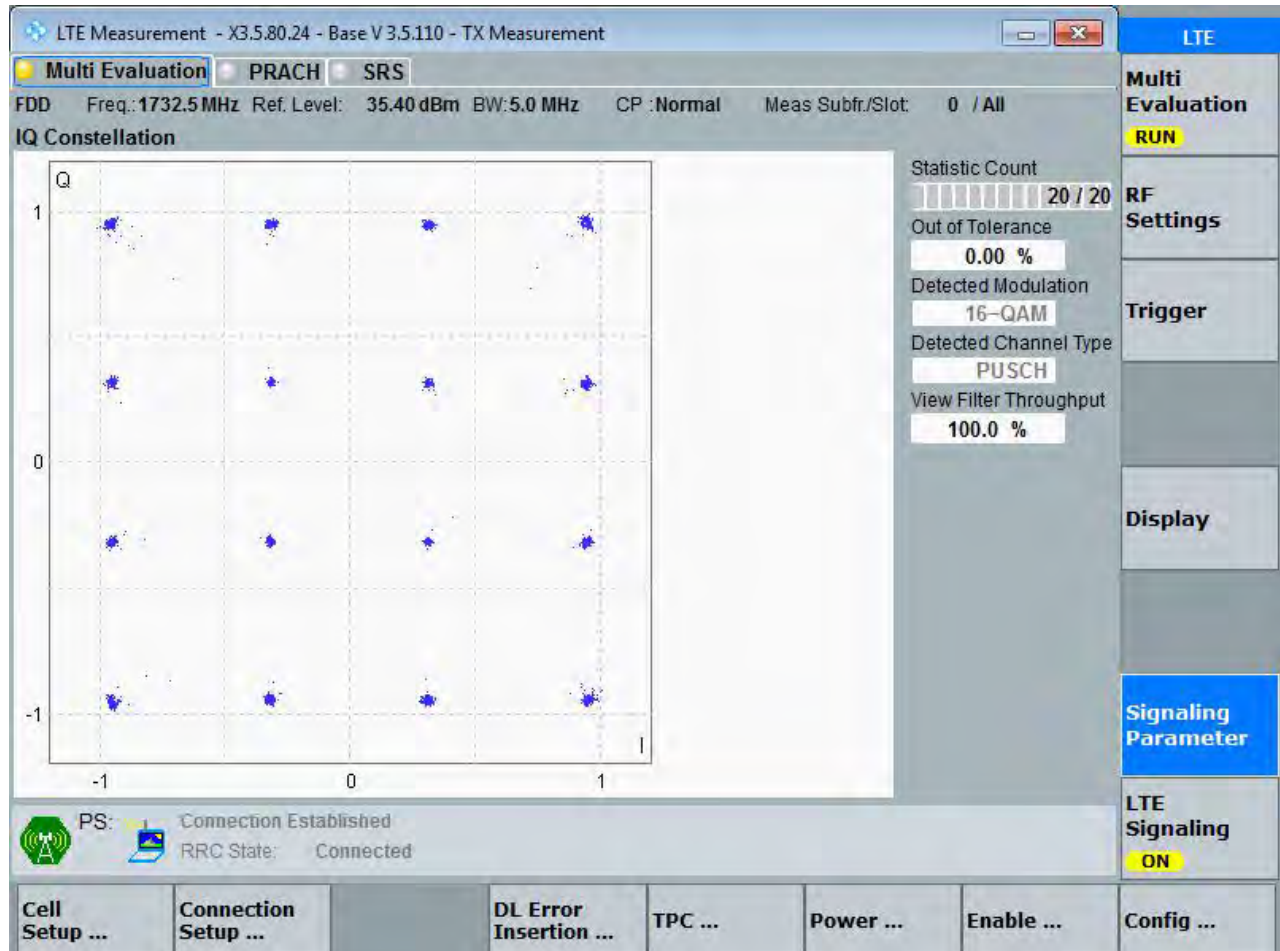
3.1.1.8.1 Test Channel = MCH





3.1.1.9 Test Mode = LTE /TM2 5MHz

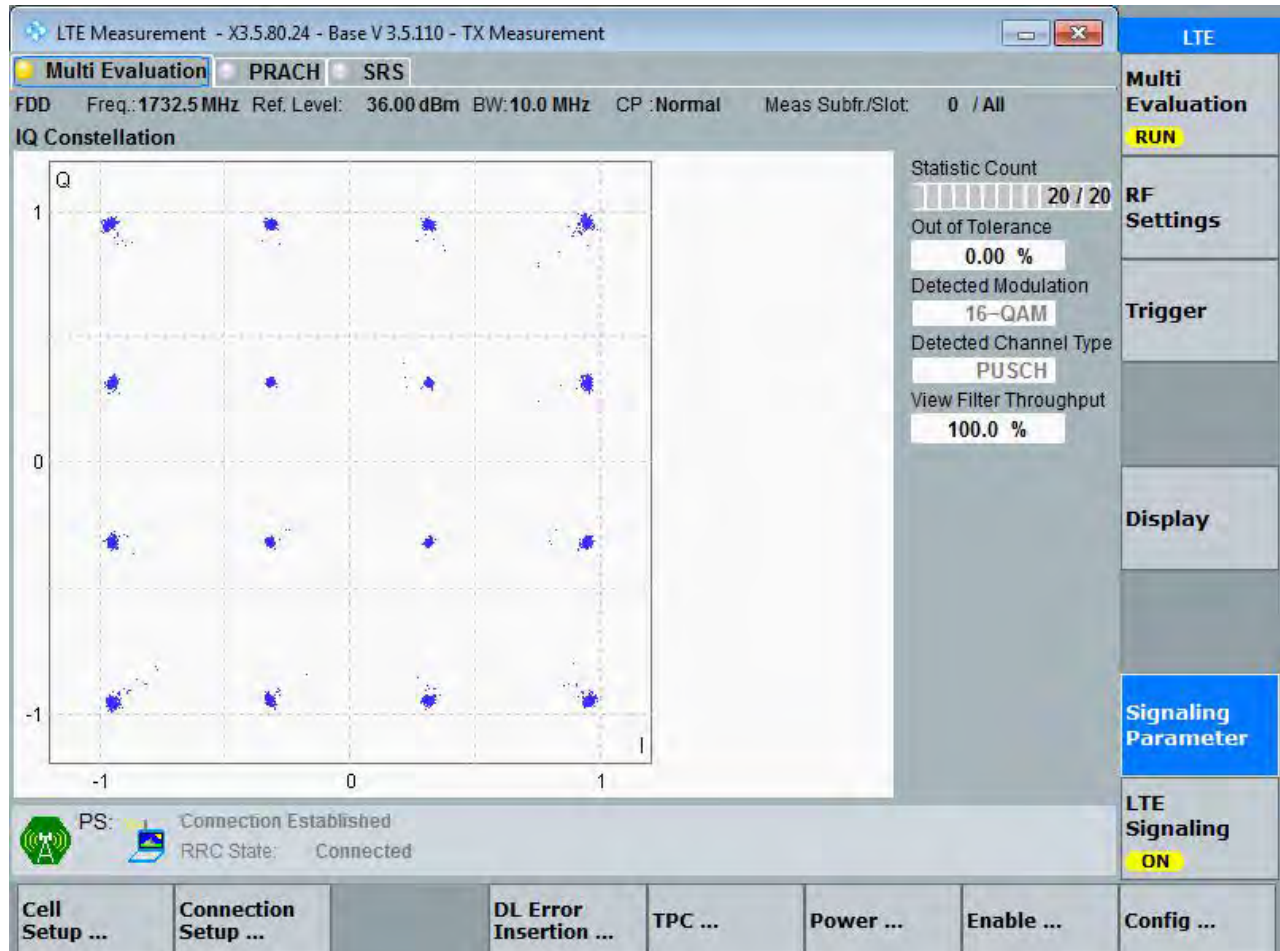
3.1.1.9.1 Test Channel = MCH





3.1.1.10 Test Mode = LTE /TM2 10MHz

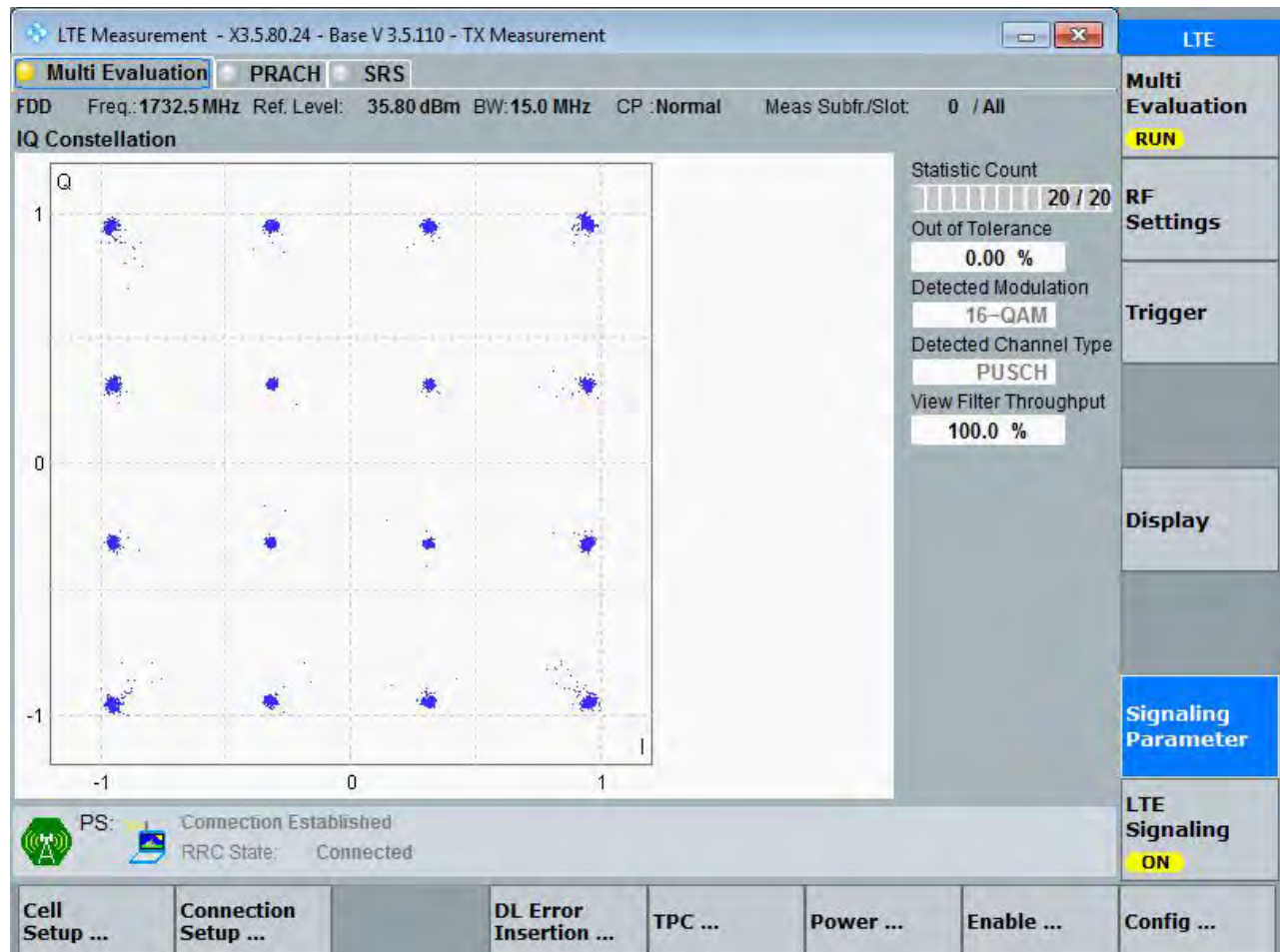
3.1.1.10.1 Test Channel = MCH





3.1.1.11 Test Mode = LTE /TM2 15MHz

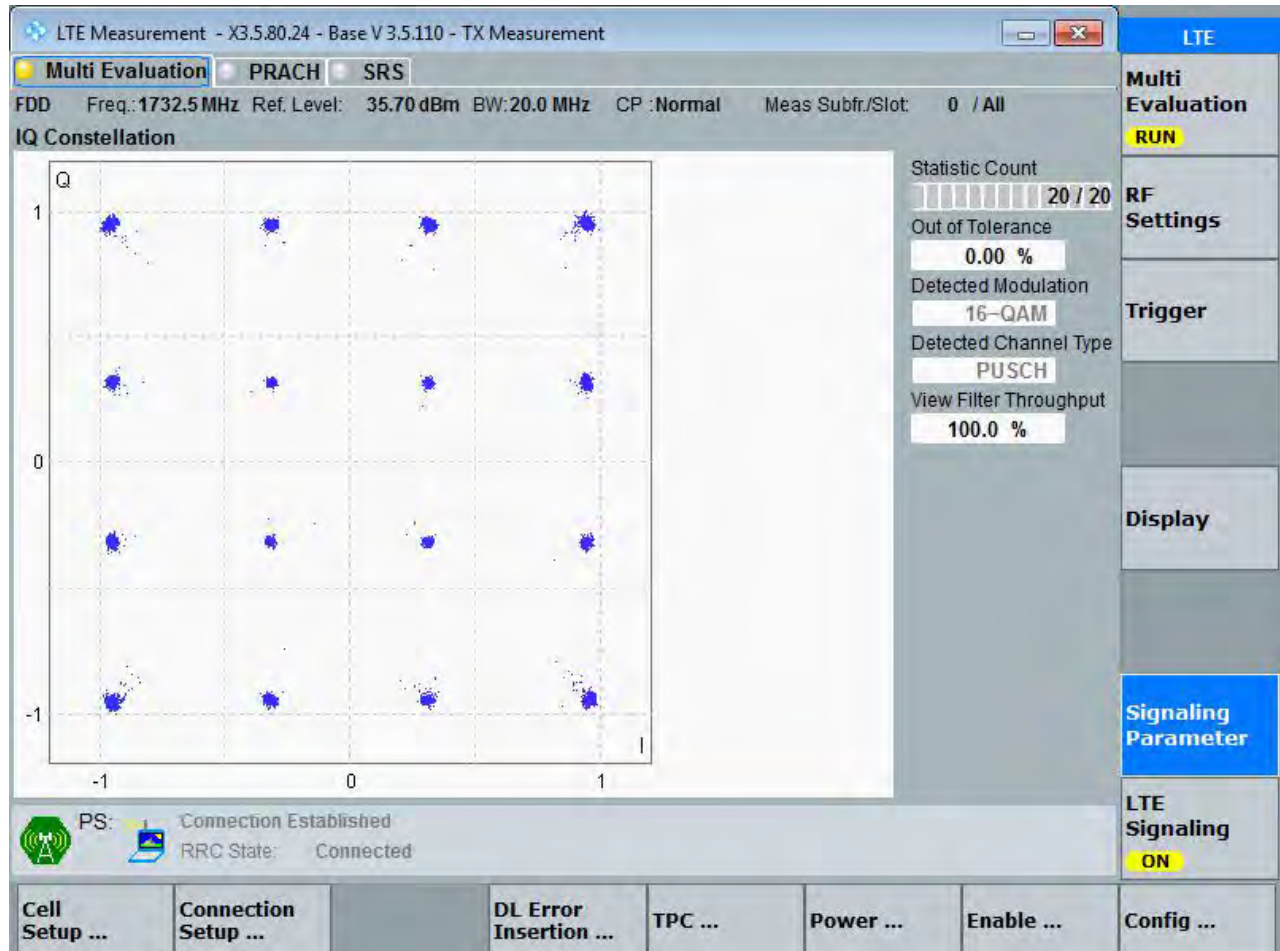
3.1.1.11.1 Test Channel = MCH





3.1.1.12 Test Mode = LTE /TM2 20MHz

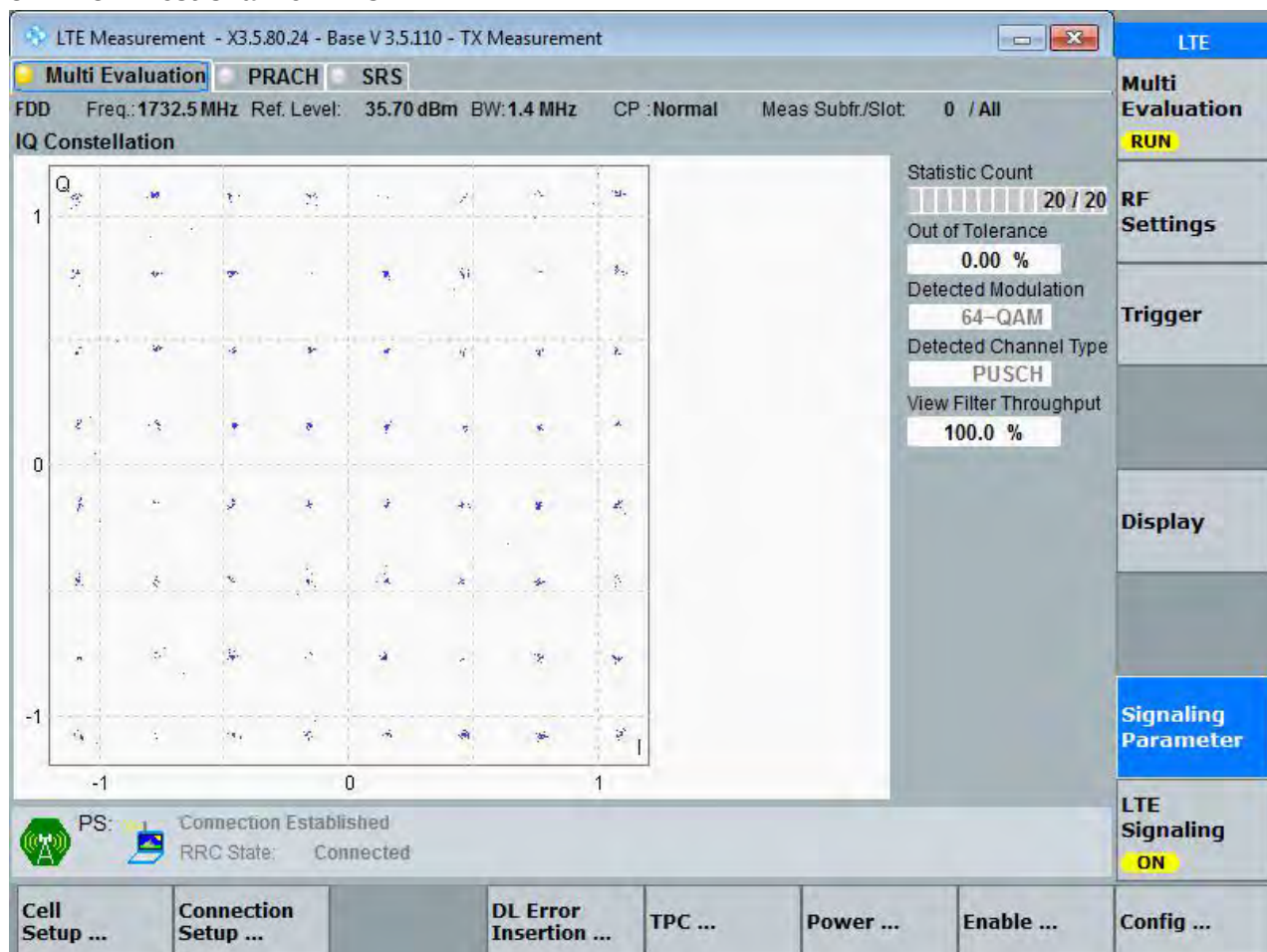
3.1.1.12.1 Test Channel = MCH





3.1.1.13 Test Mode = LTE /TM3 1.4MHz

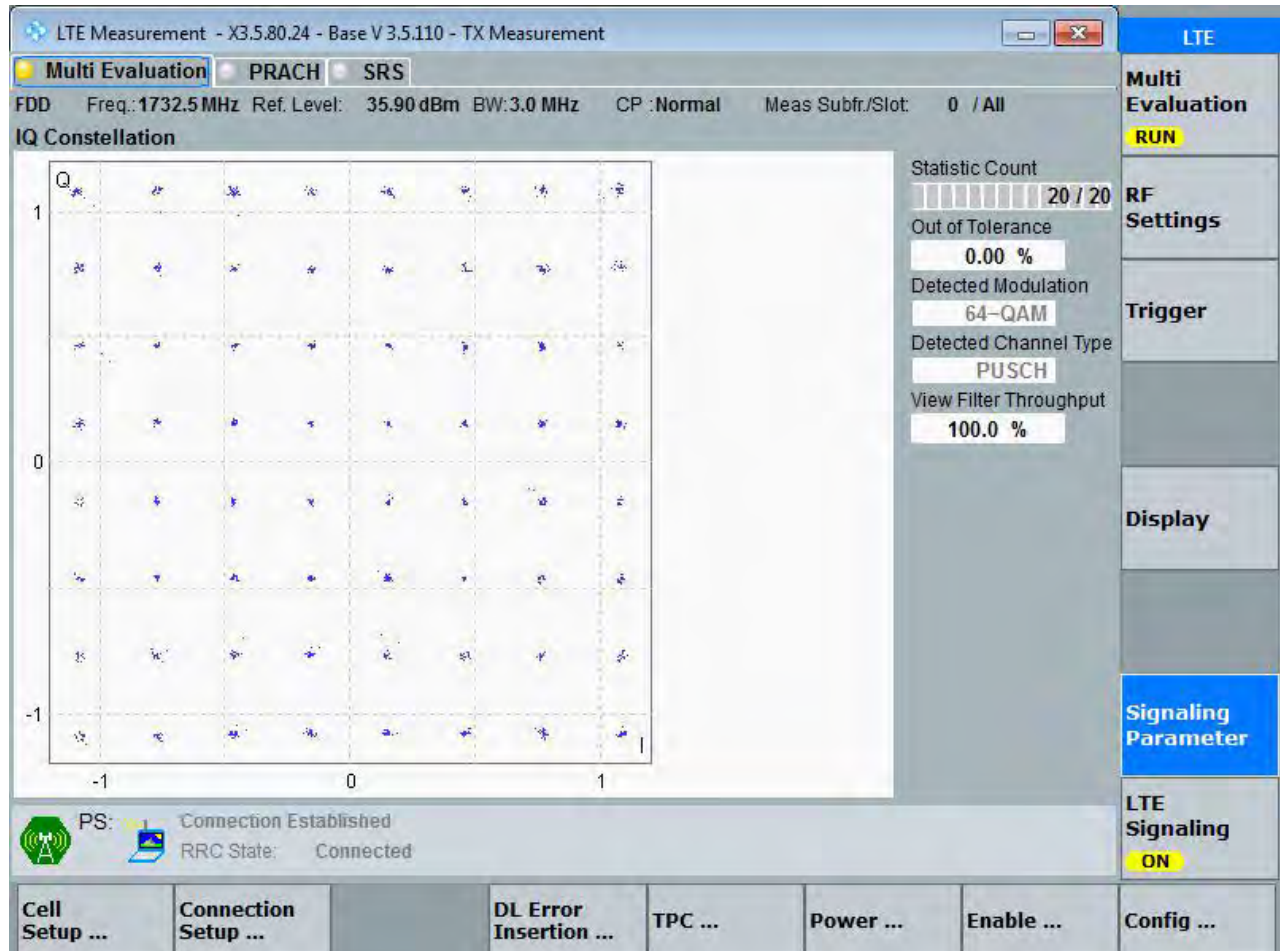
3.1.1.13.1 Test Channel = MCH





3.1.1.14 Test Mode = LTE /TM3 3MHz

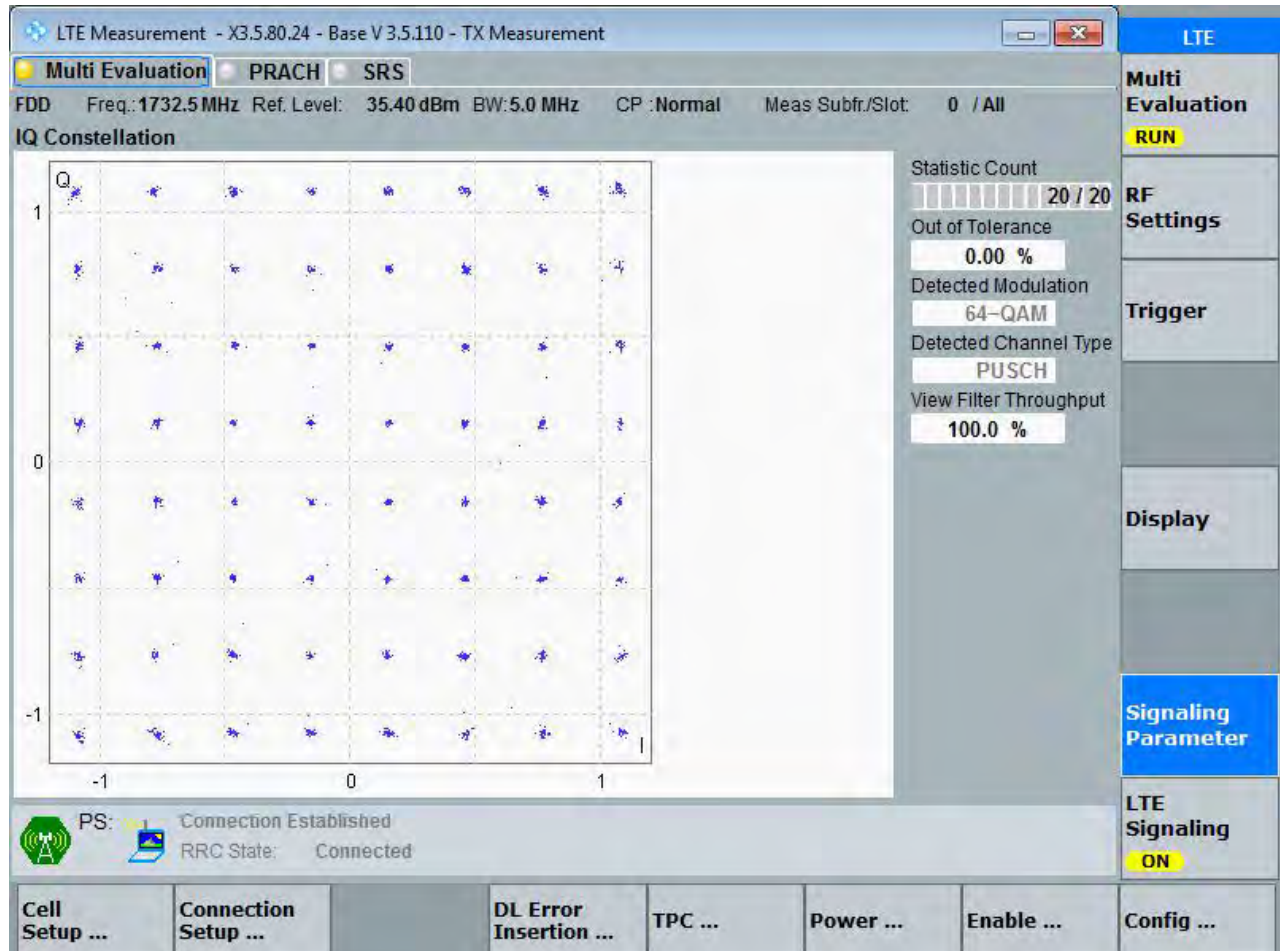
3.1.1.14.1 Test Channel = MCH





3.1.1.15 Test Mode = LTE /TM3 5MHz

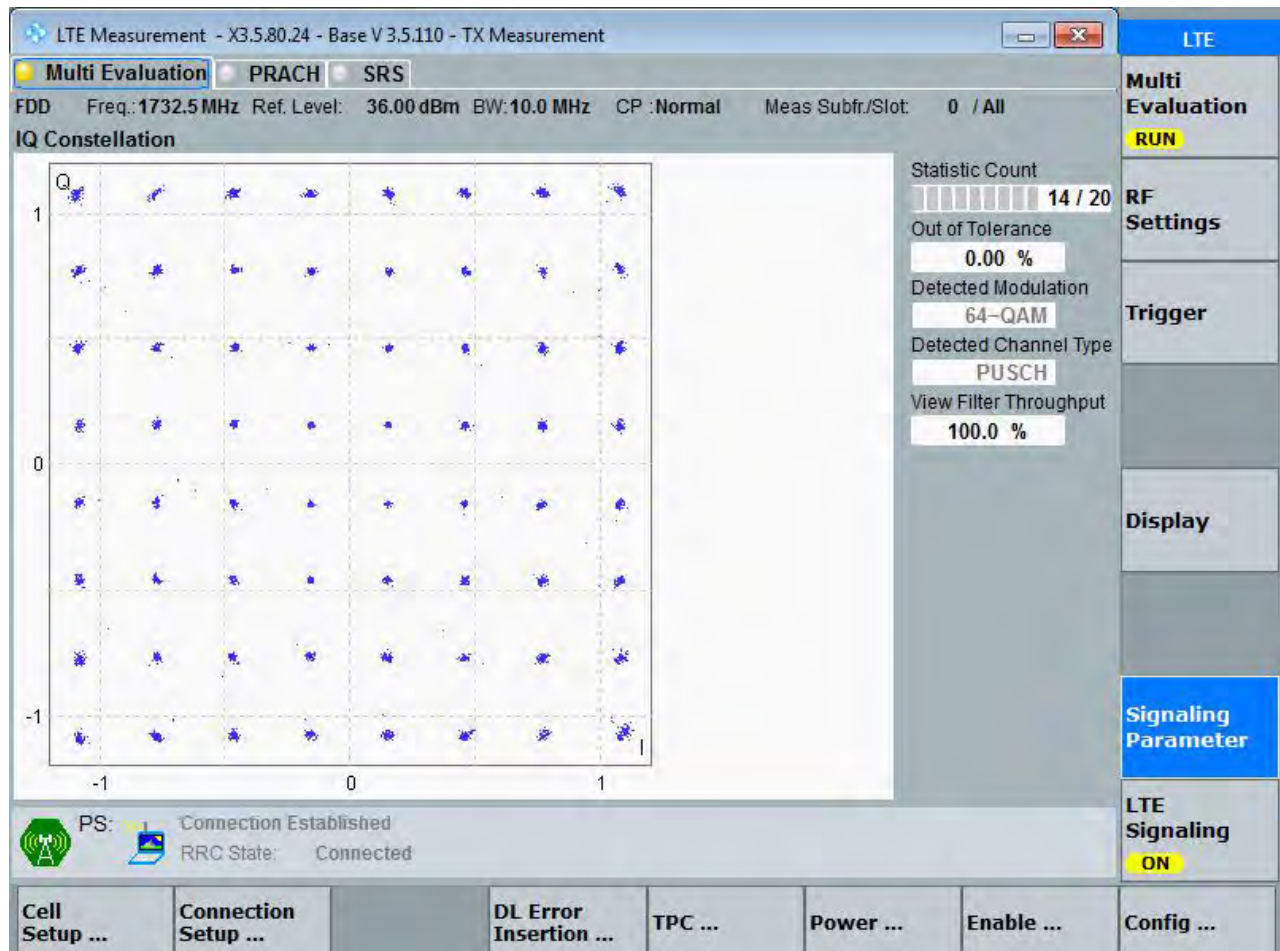
3.1.1.15.1 Test Channel = MCH





3.1.1.16 Test Mode = LTE /TM3 10MHz

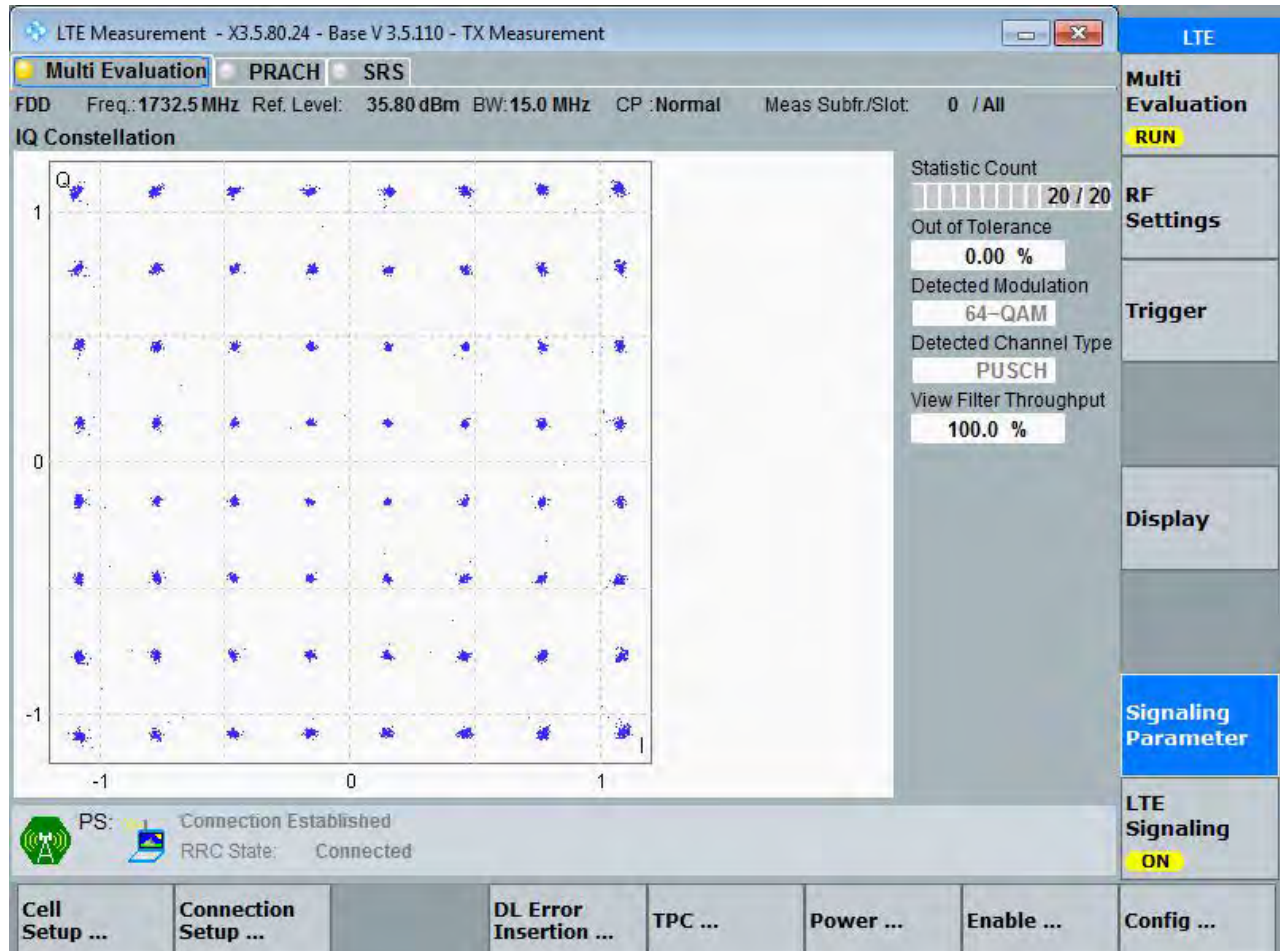
3.1.1.16.1 Test Channel = MCH





3.1.1.17 Test Mode = LTE /TM3 15MHz

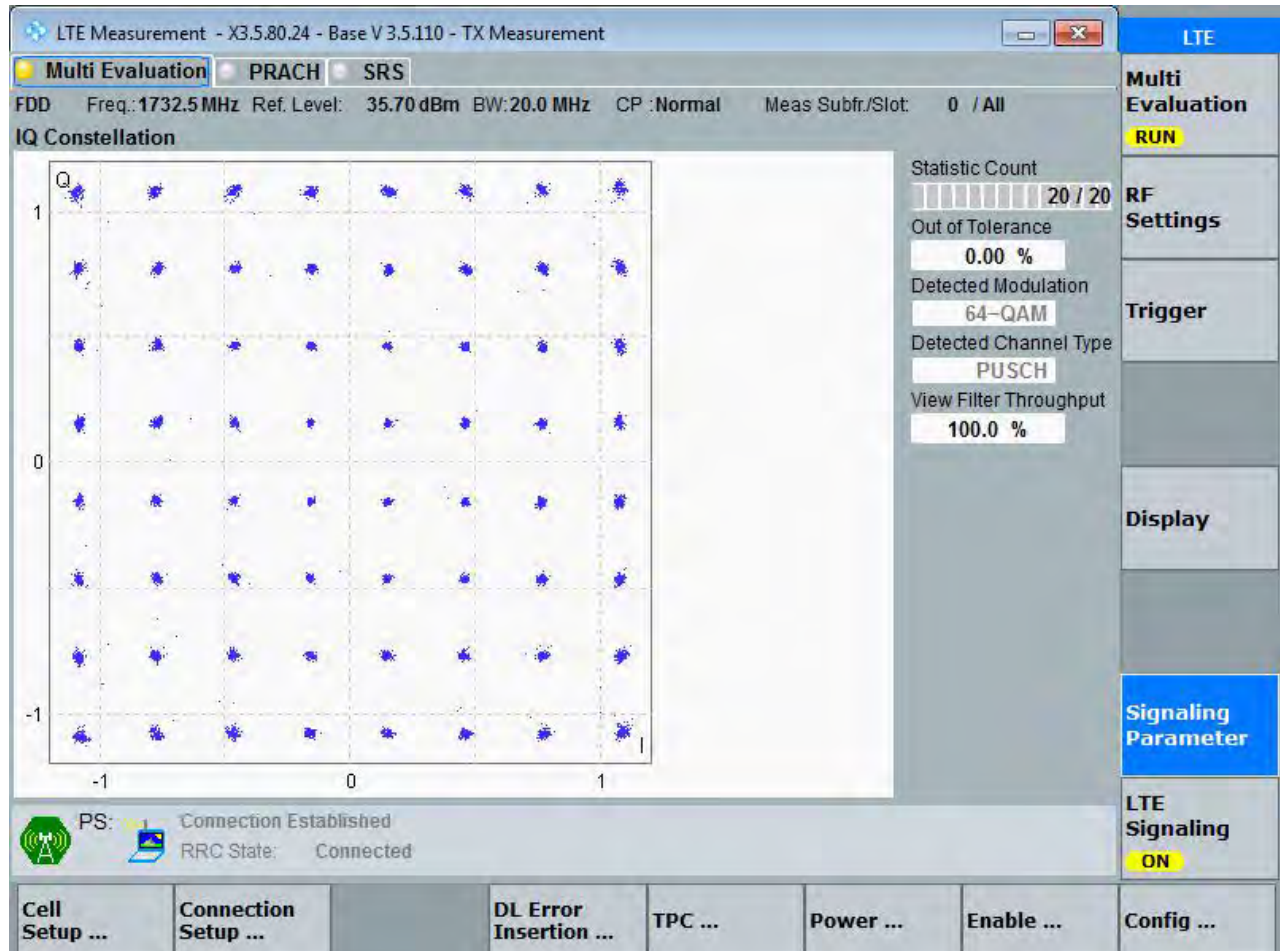
3.1.1.17.1 Test Channel = MCH





3.1.1.18 Test Mode = LTE /TM3 20MHz

3.1.1.18.1 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	1.09	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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Shenzhen Branch

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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

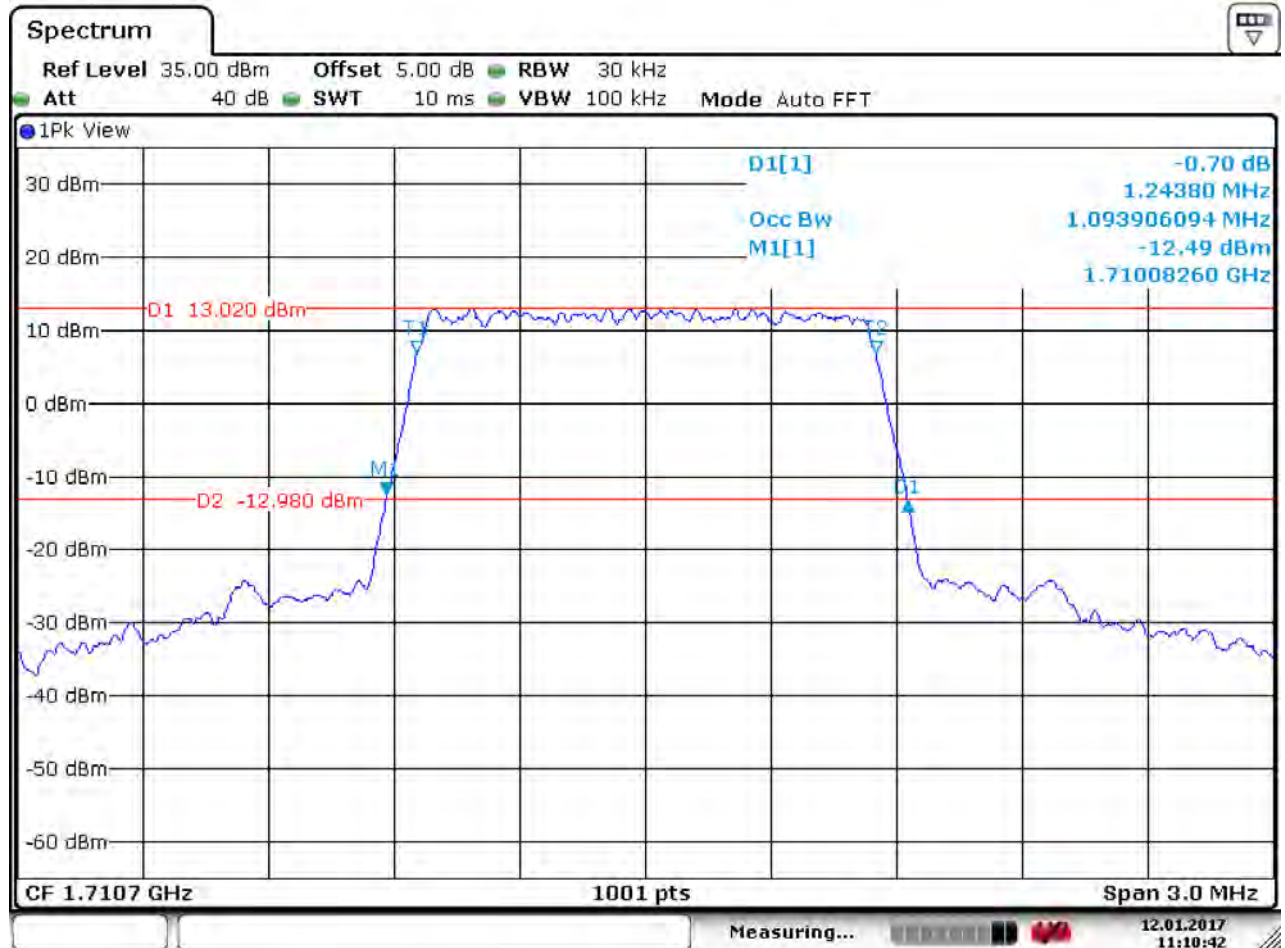
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4.1 For LTE

4.1.1 Test Band = LTE band4

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

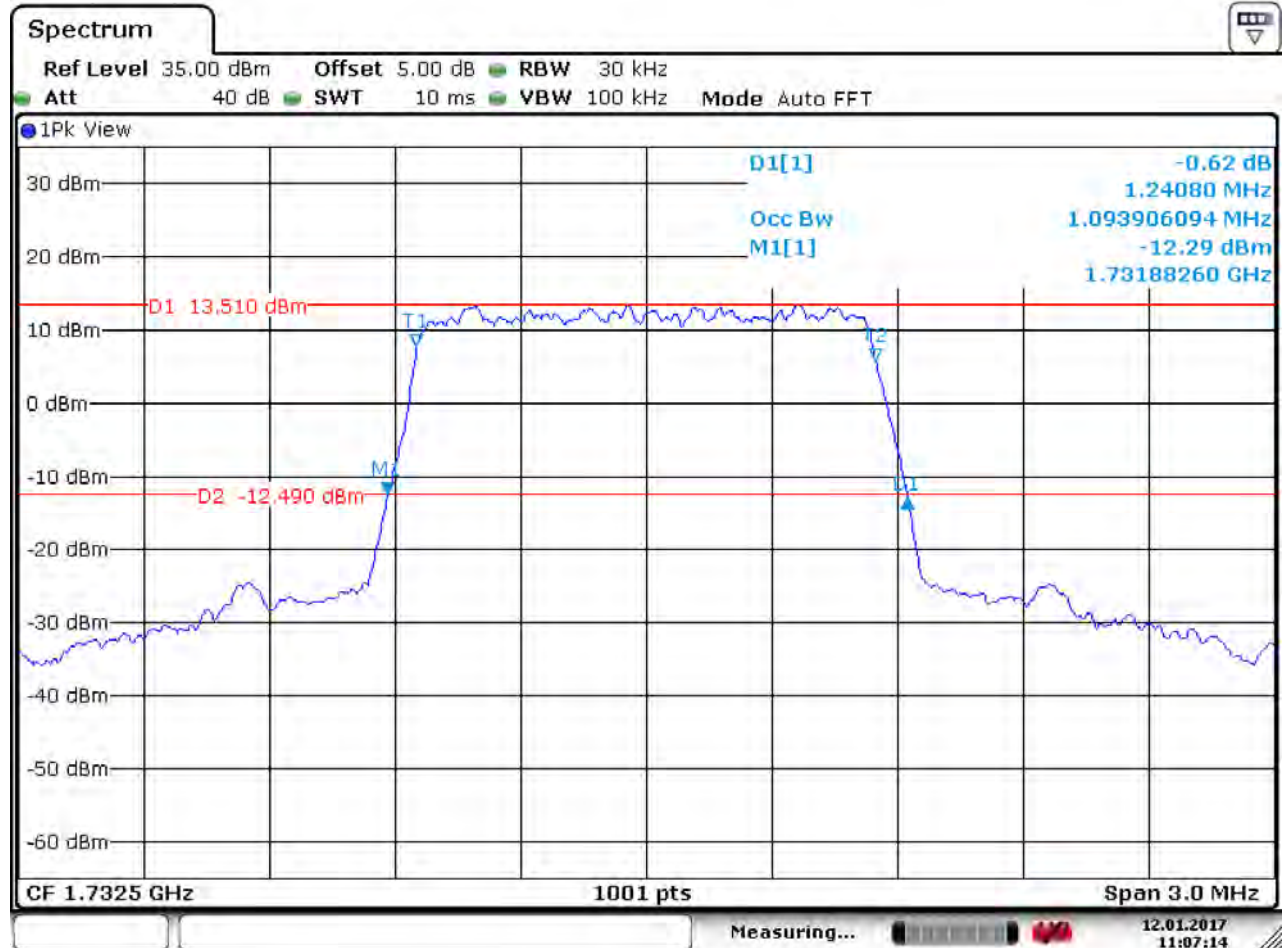
4.1.1.1.1 Test Channel = LCH



Date: 12 JAN. 2017 11:10:42

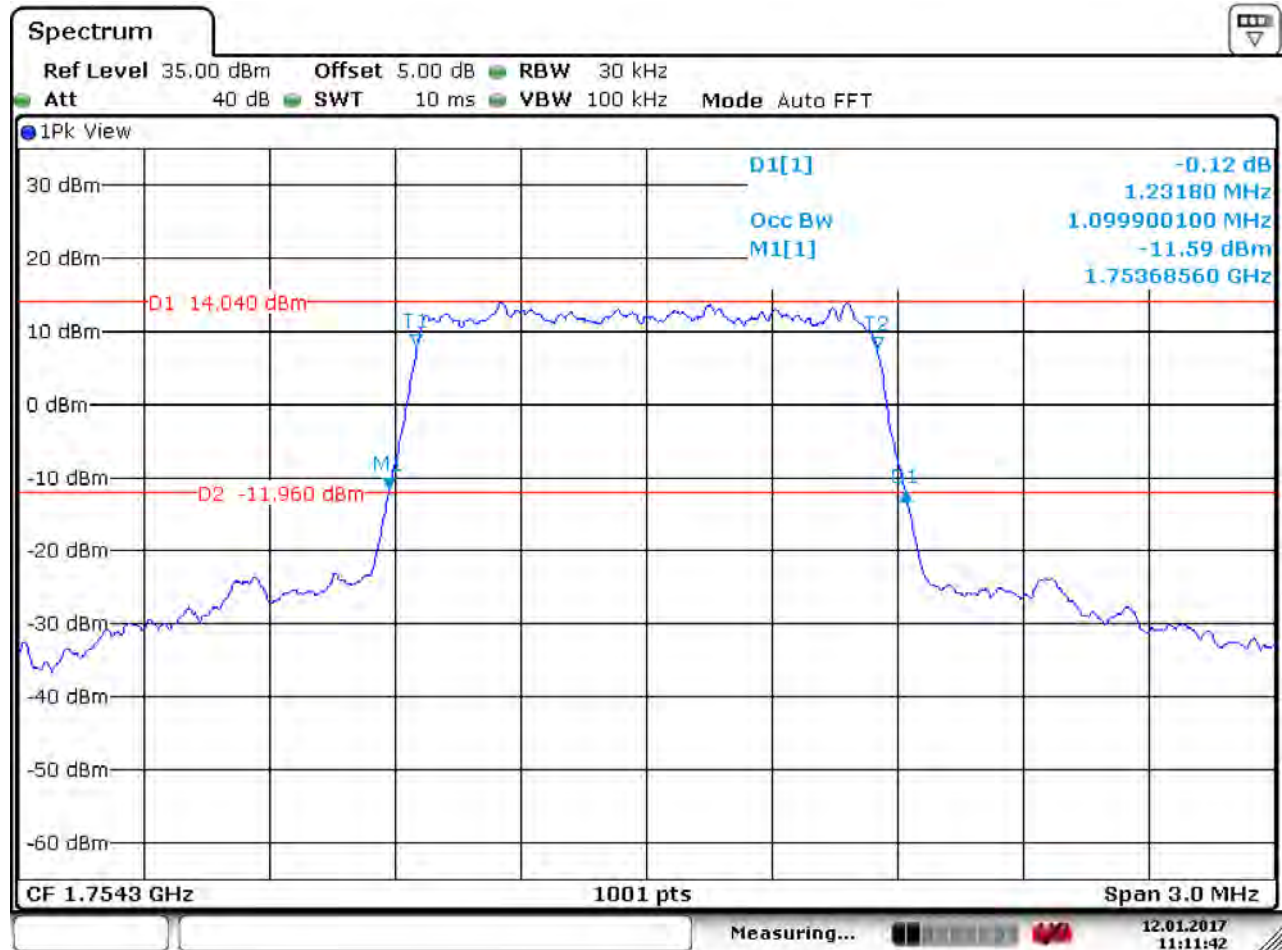


4.1.1.1.2 Test Channel = MCH



Date: 12 JAN. 2017 11:07:14

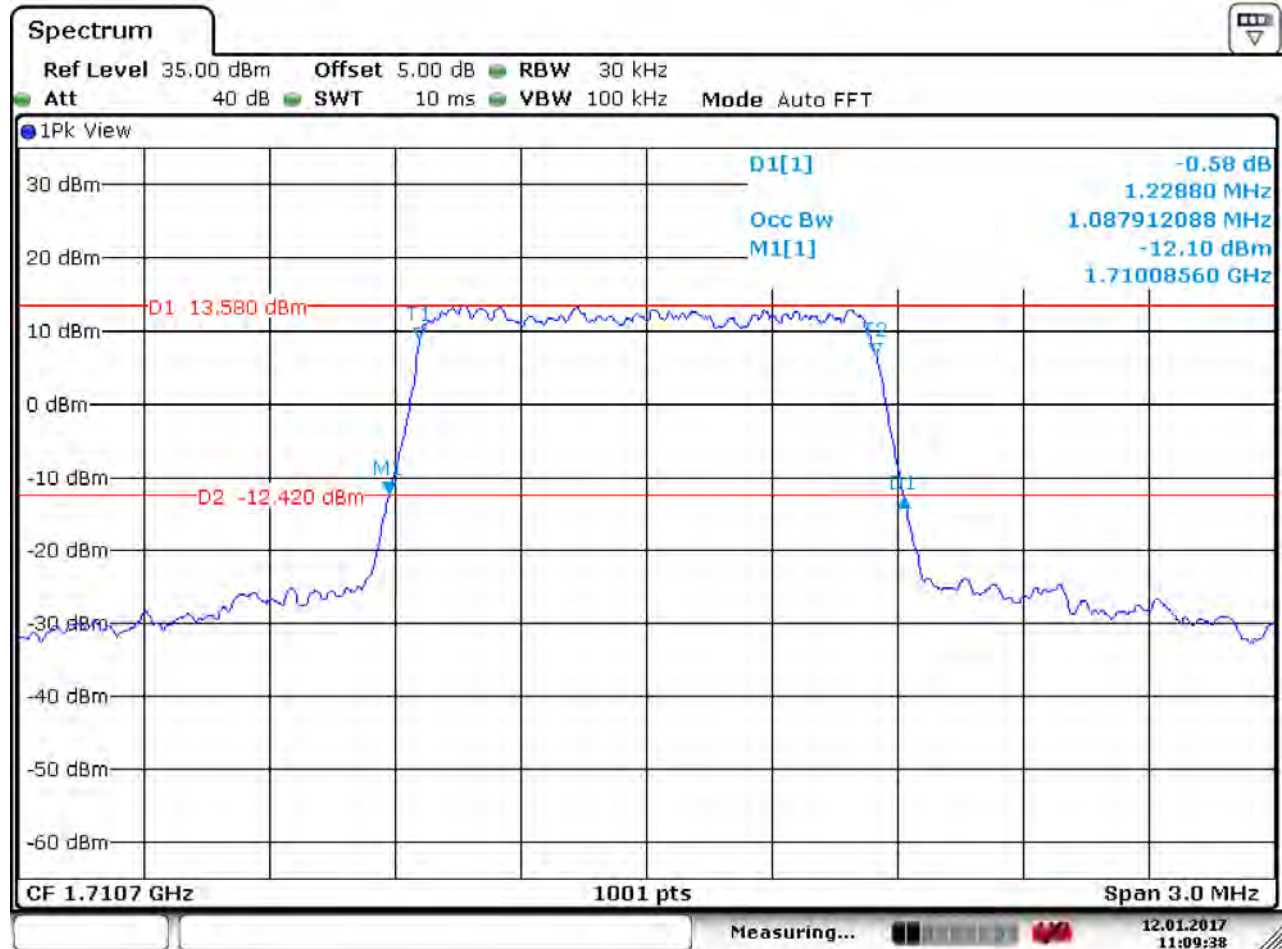
4.1.1.1.3 Test Channel = HCH



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

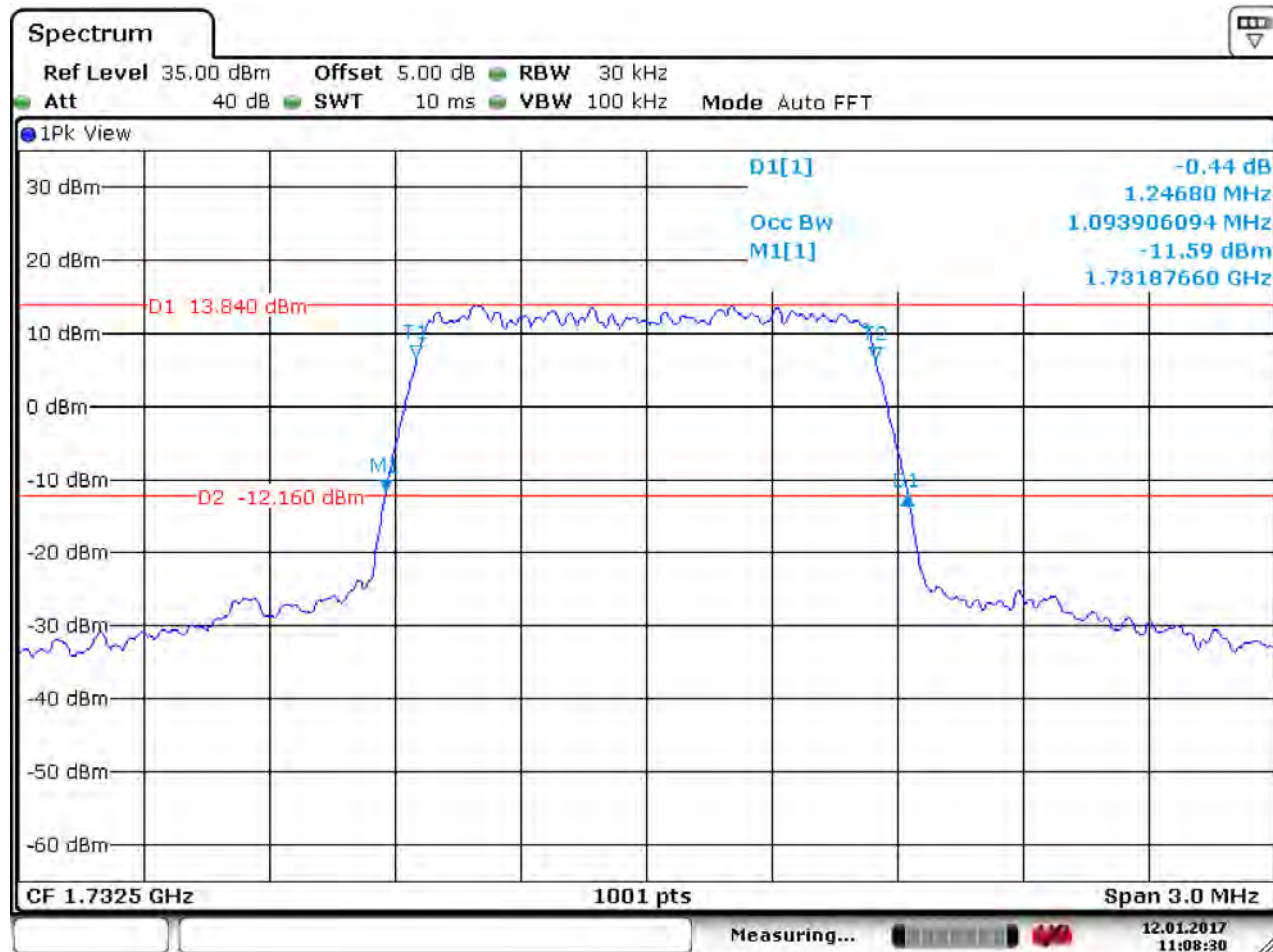
4.1.1.2 Test Mode = LTE/TM2 1.4MHz

4.1.1.2.1 Test Channel = LCH



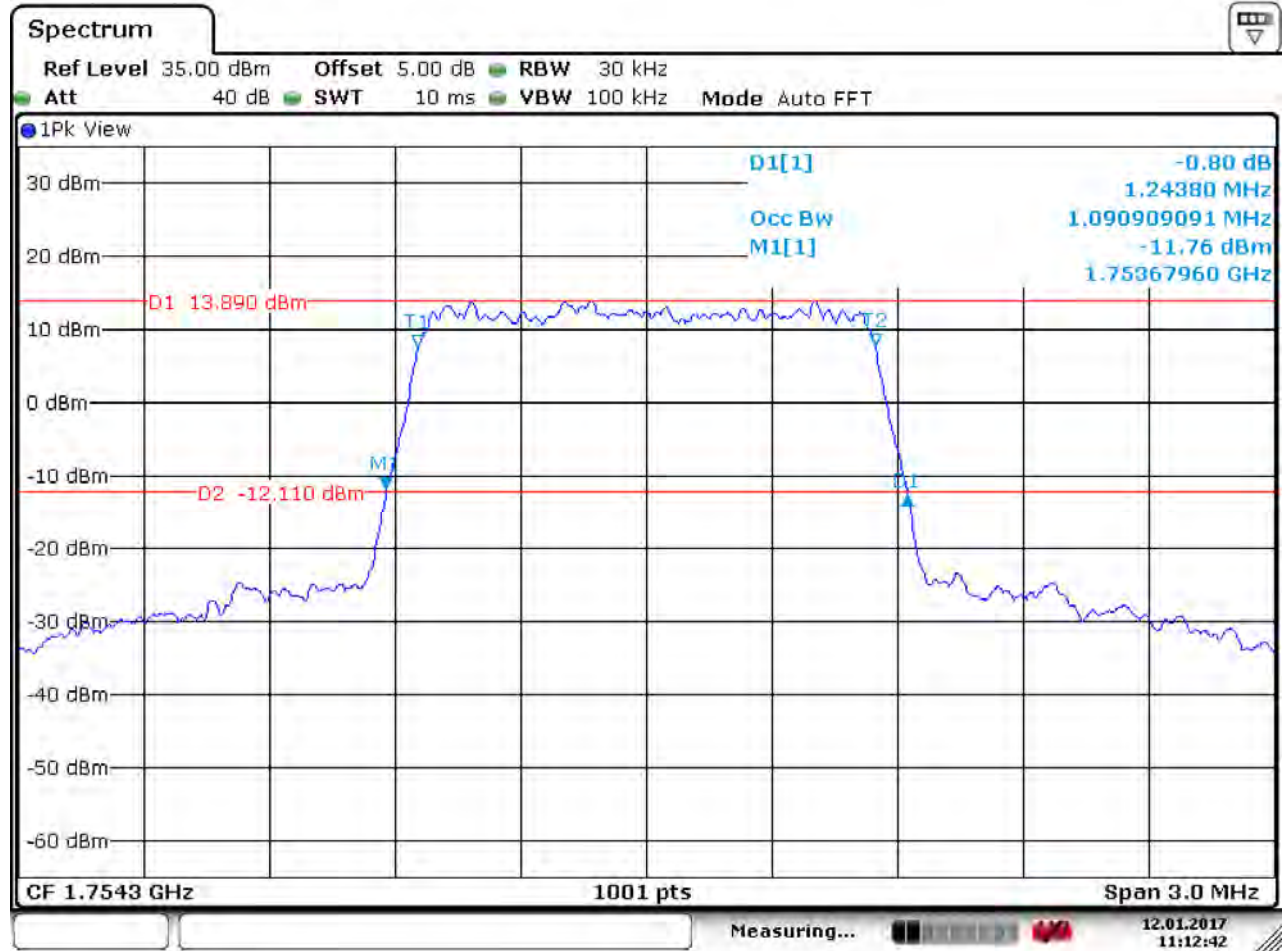
Date: 12.JAN.2017 11:09:38

4.1.1.2.2 Test Channel = MCH



Date: 12 JAN 2017 11:08:30

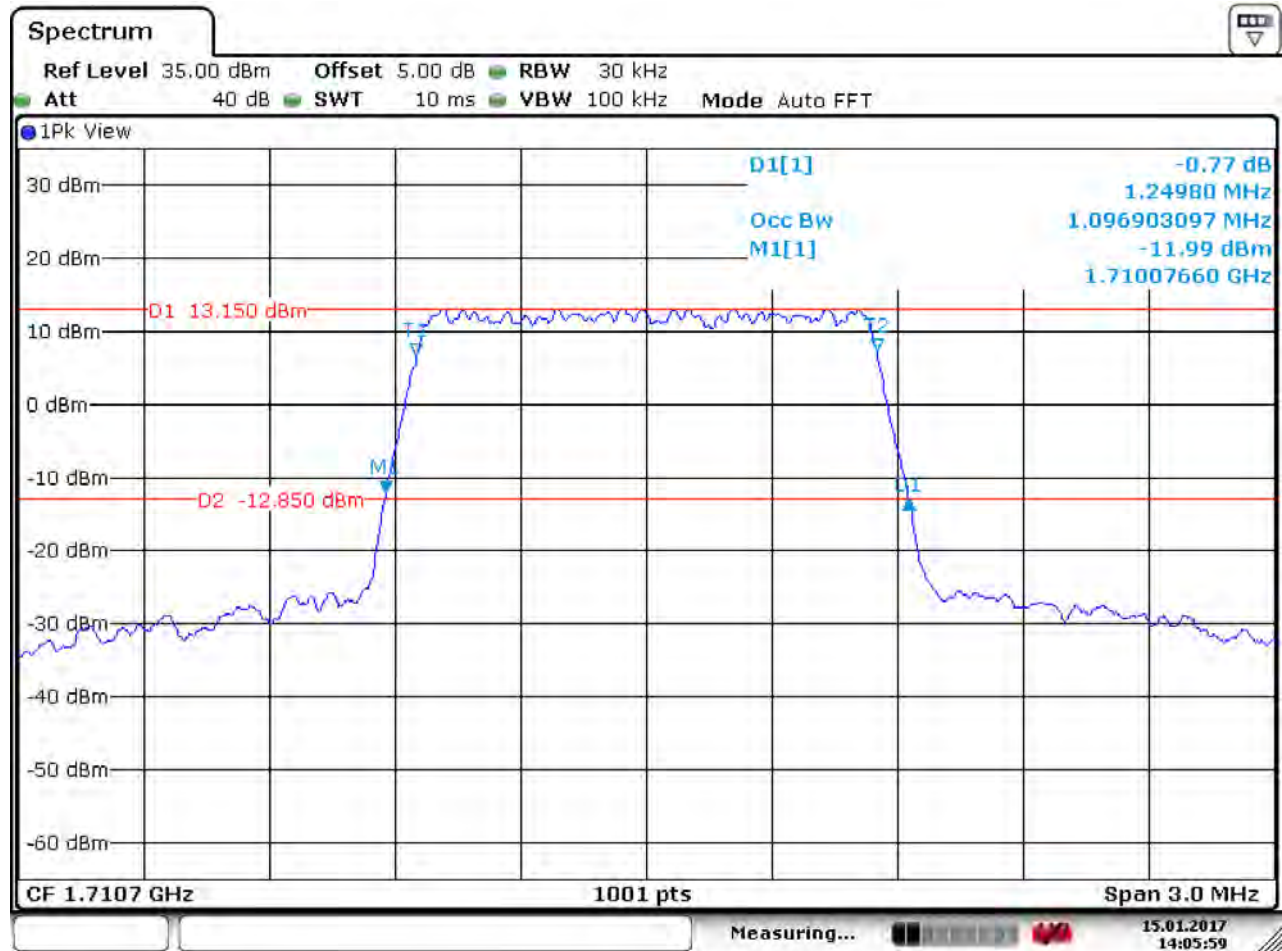
4.1.1.2.3 Test Channel = HCH



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

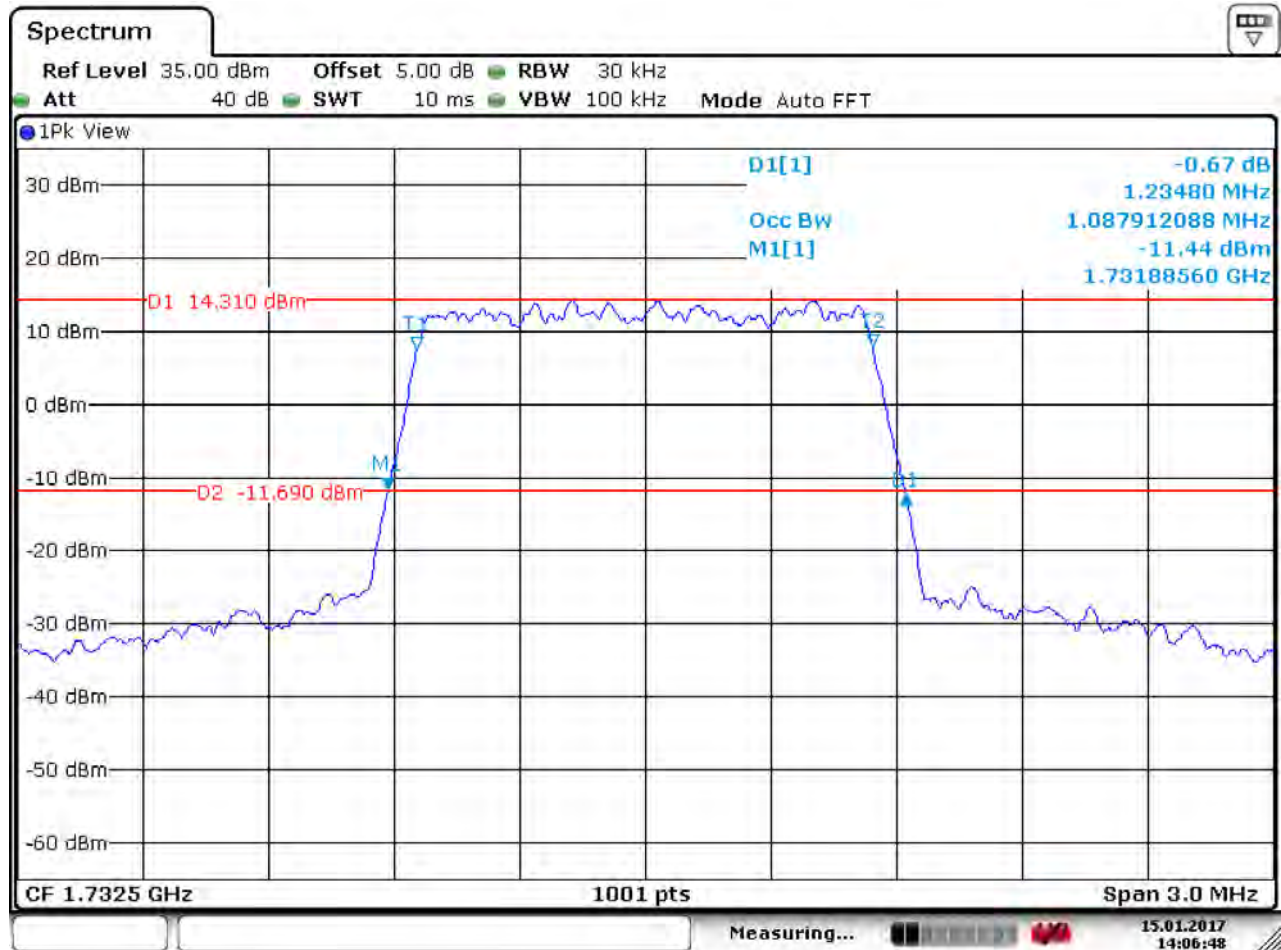
4.1.1.3 Test Mode = LTE/TM3 1.4MHz

4.1.1.3.1 Test Channel = LCH



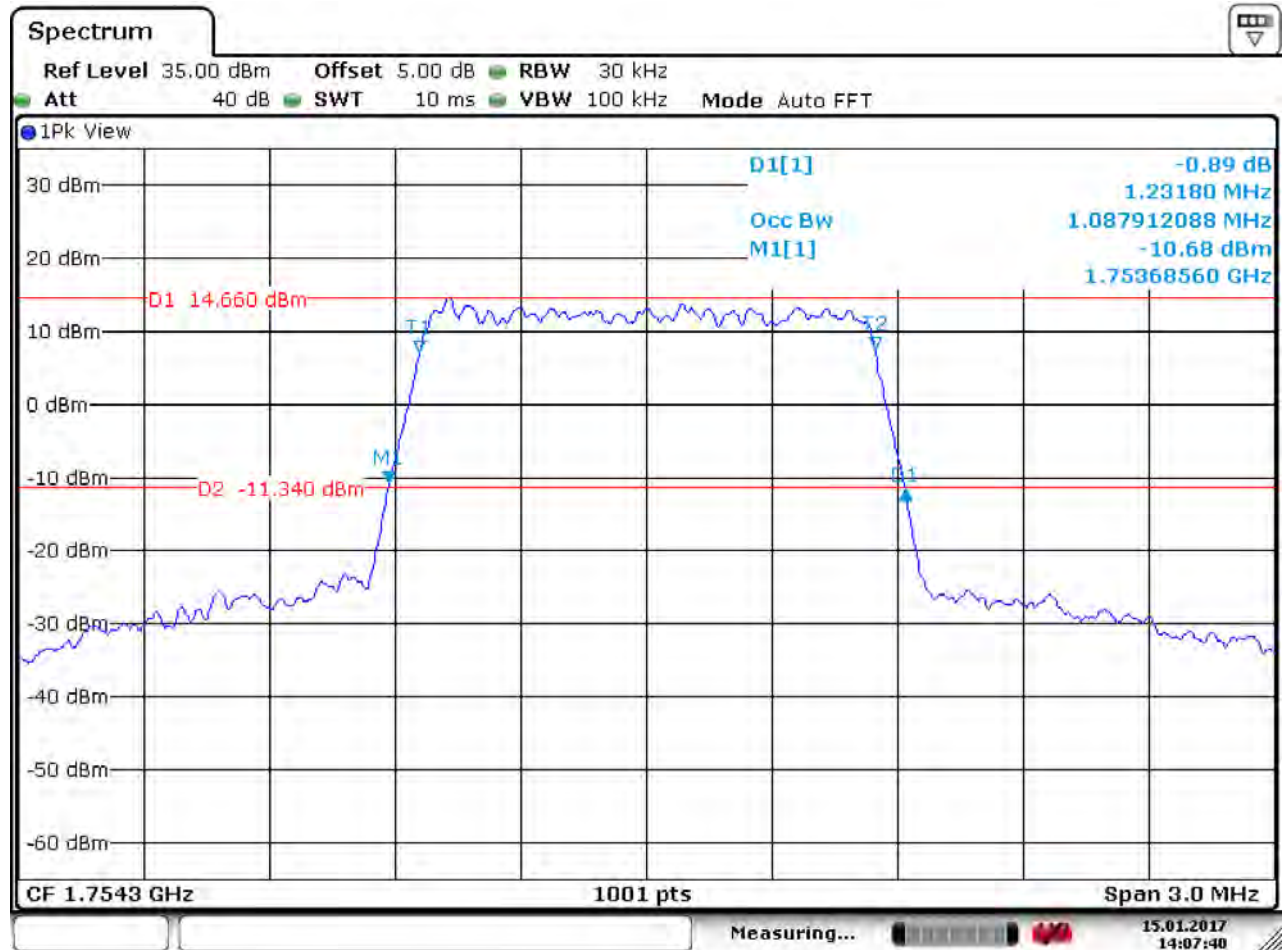
Date: 15.JAN.2017 14:05:59

4.1.1.3.2 Test Channel = MCH



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

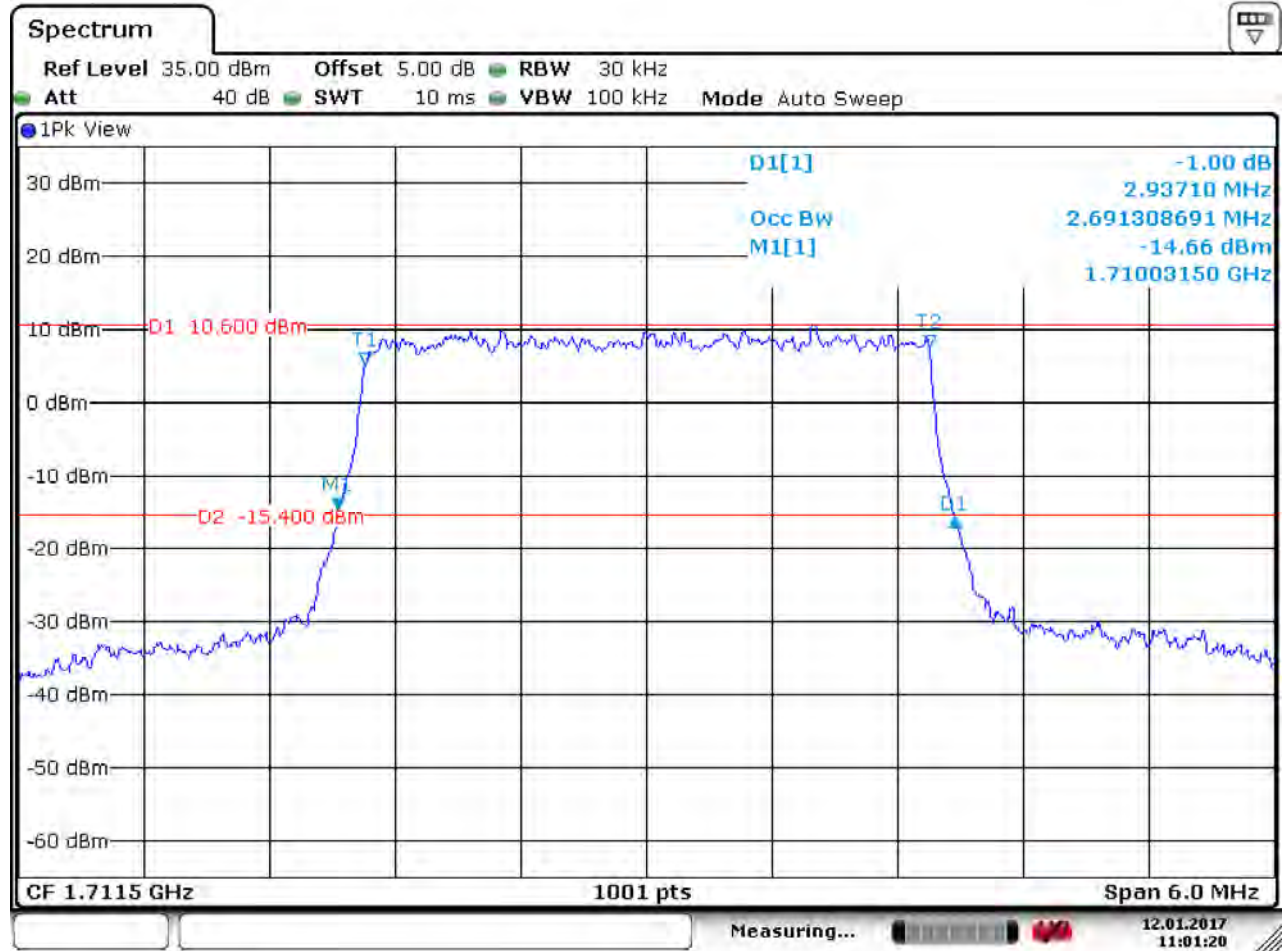
4.1.1.3.3 Test Channel = HCH



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

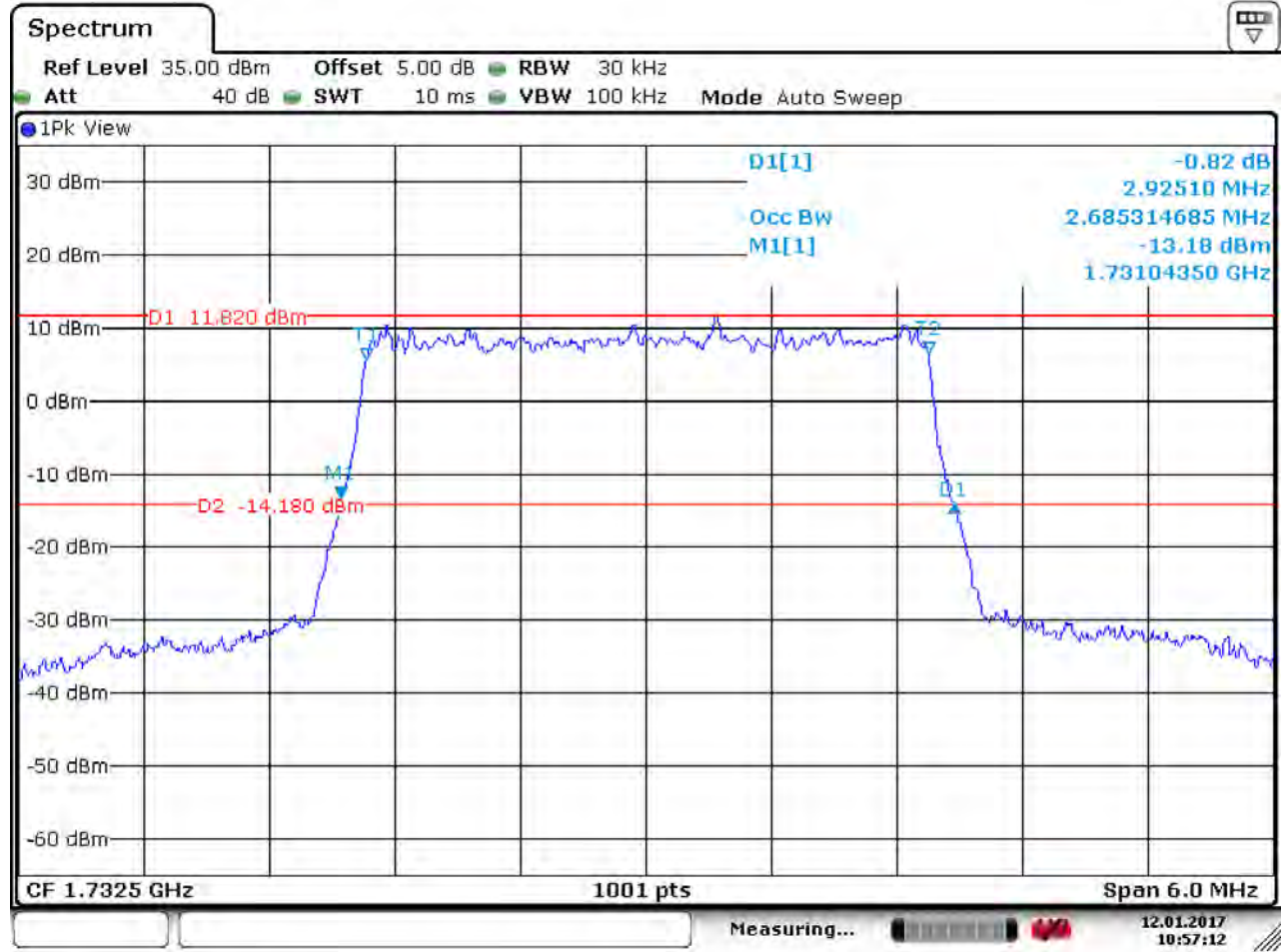
4.1.1.4 Test Mode = LTE/TM1 3MHz

4.1.1.4.1 Test Channel = LCH



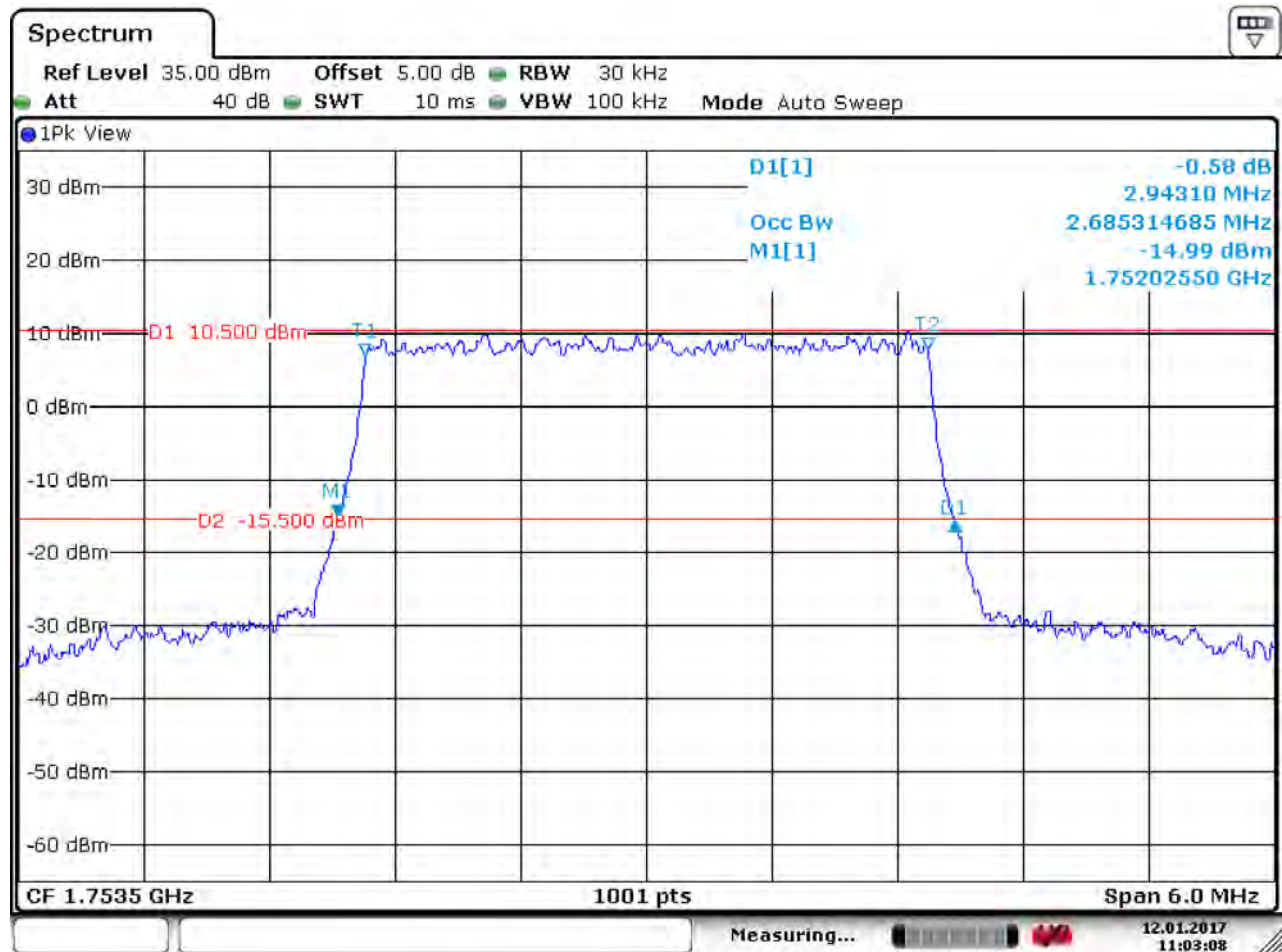
Date: 12.JAN.2017 11:01:20

4.1.1.4.2 Test Channel = MCH



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

4.1.1.4.3 Test Channel = HCH

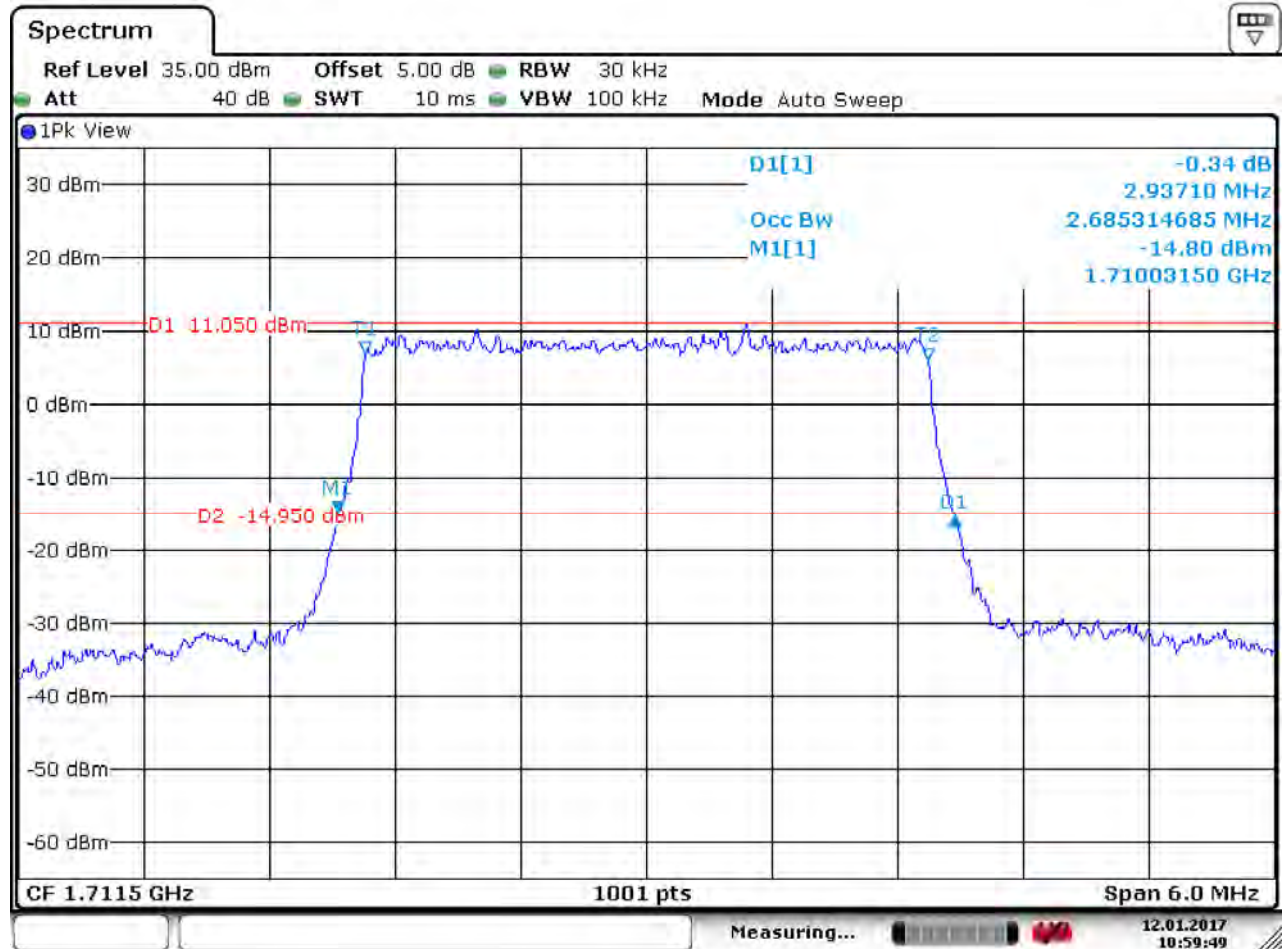


Date: 12.JAN.2017 11:03:08

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4.1.1.5 Test Mode = LTE/TM2 3MHz

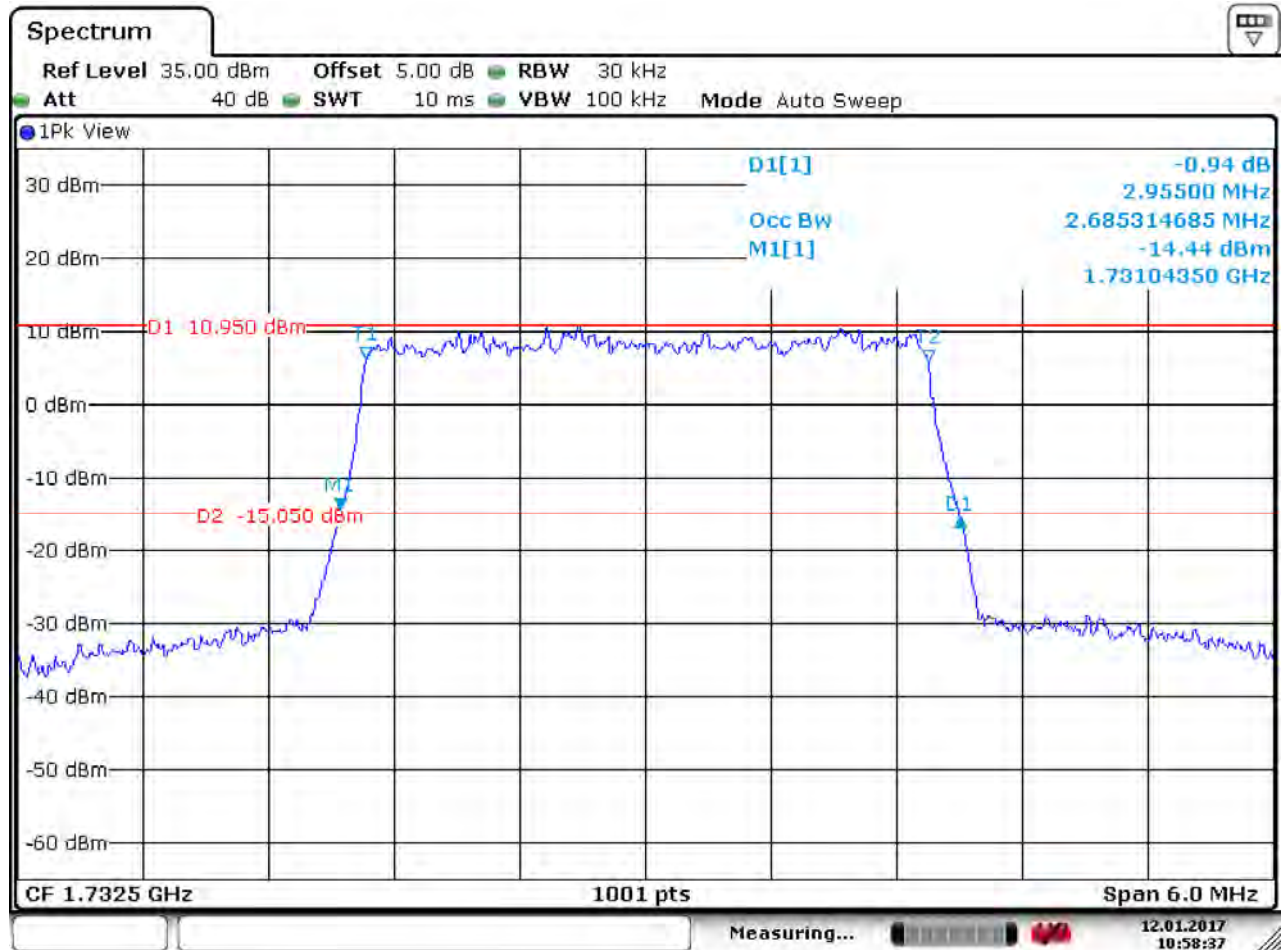
4.1.1.5.1 Test Channel = LCH



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

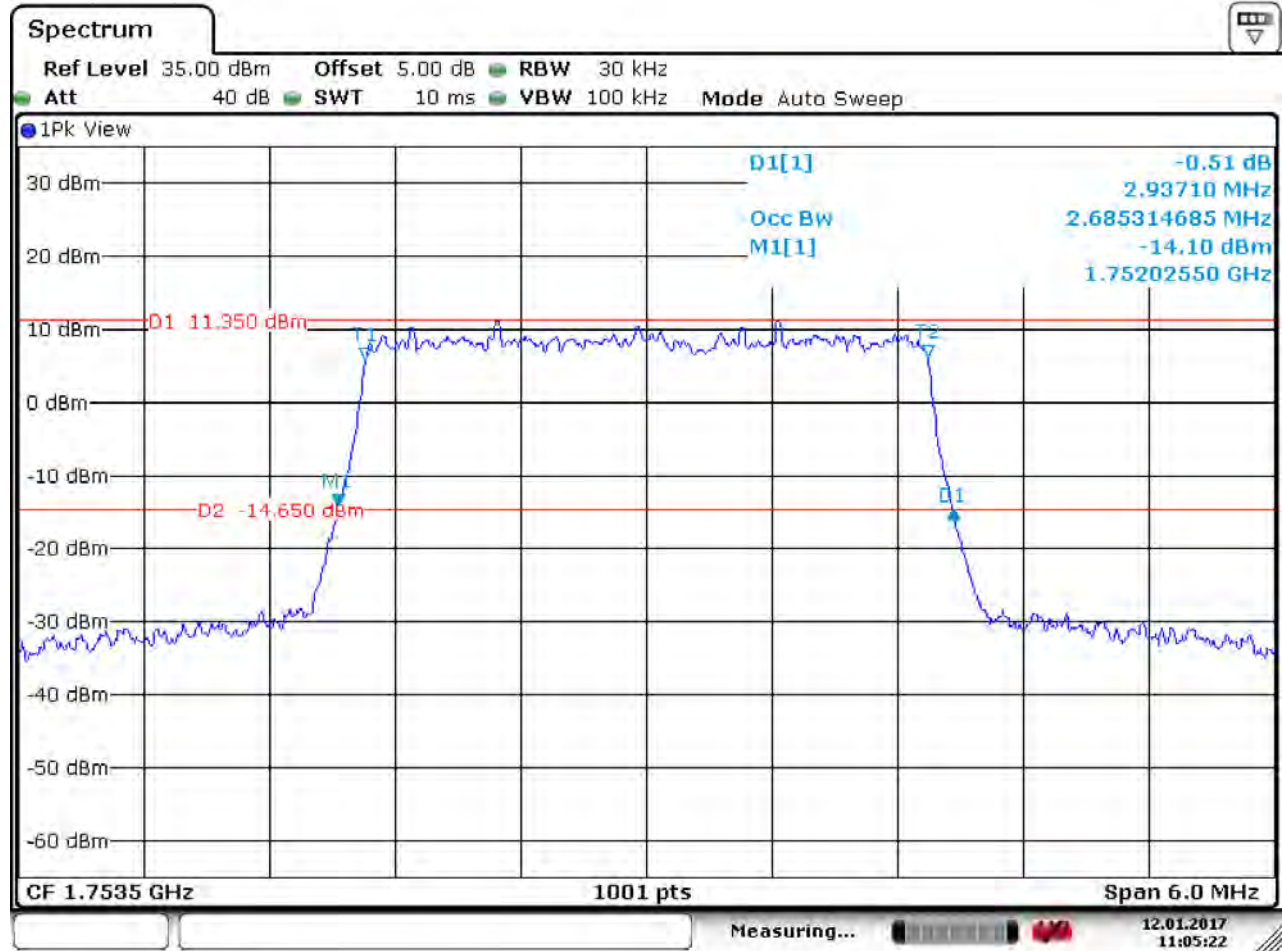


4.1.1.5.2 Test Channel = MCH



Date: 12.JAN.2017 10:58:38

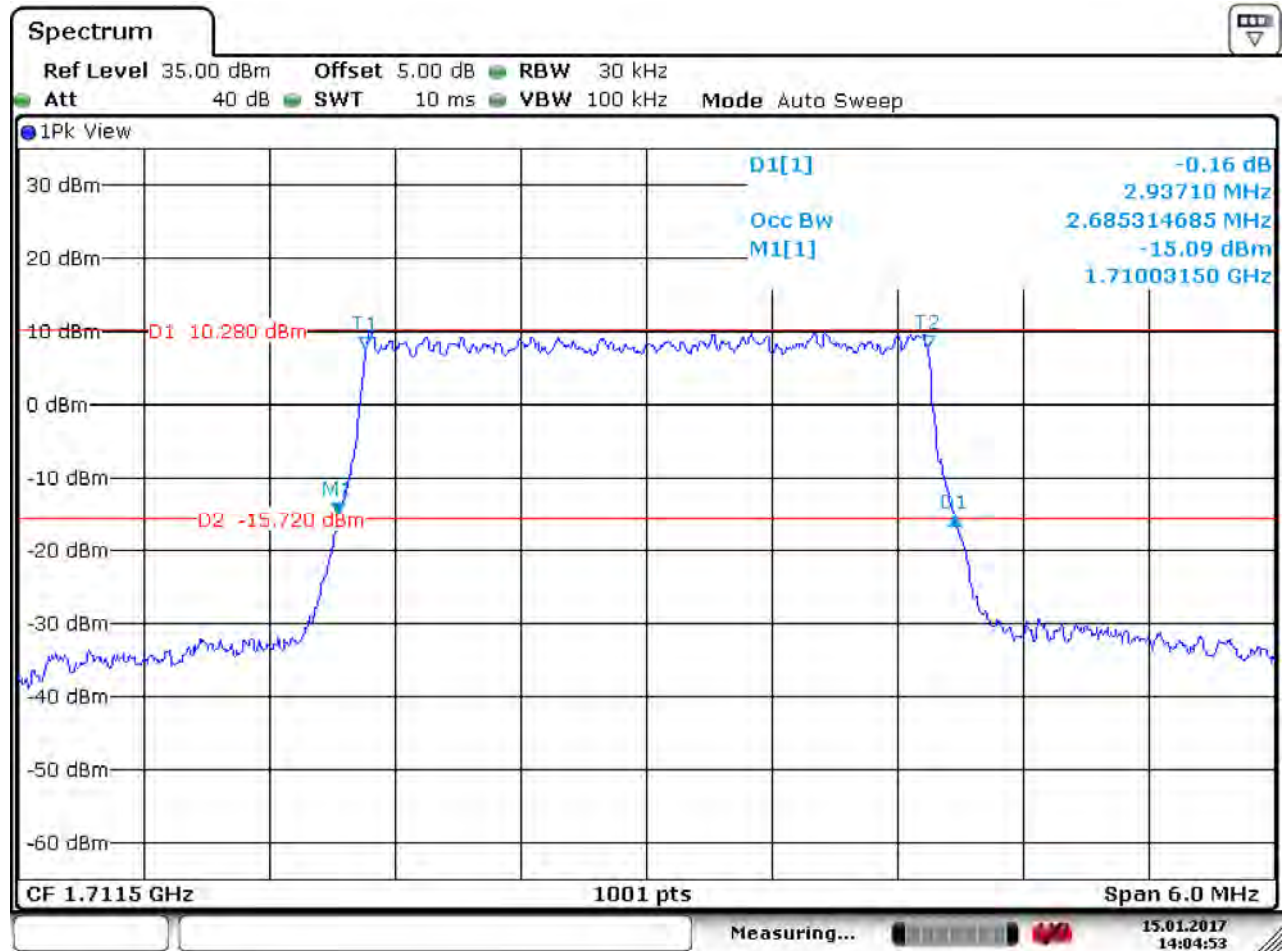
4.1.1.5.3 Test Channel = HCH



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

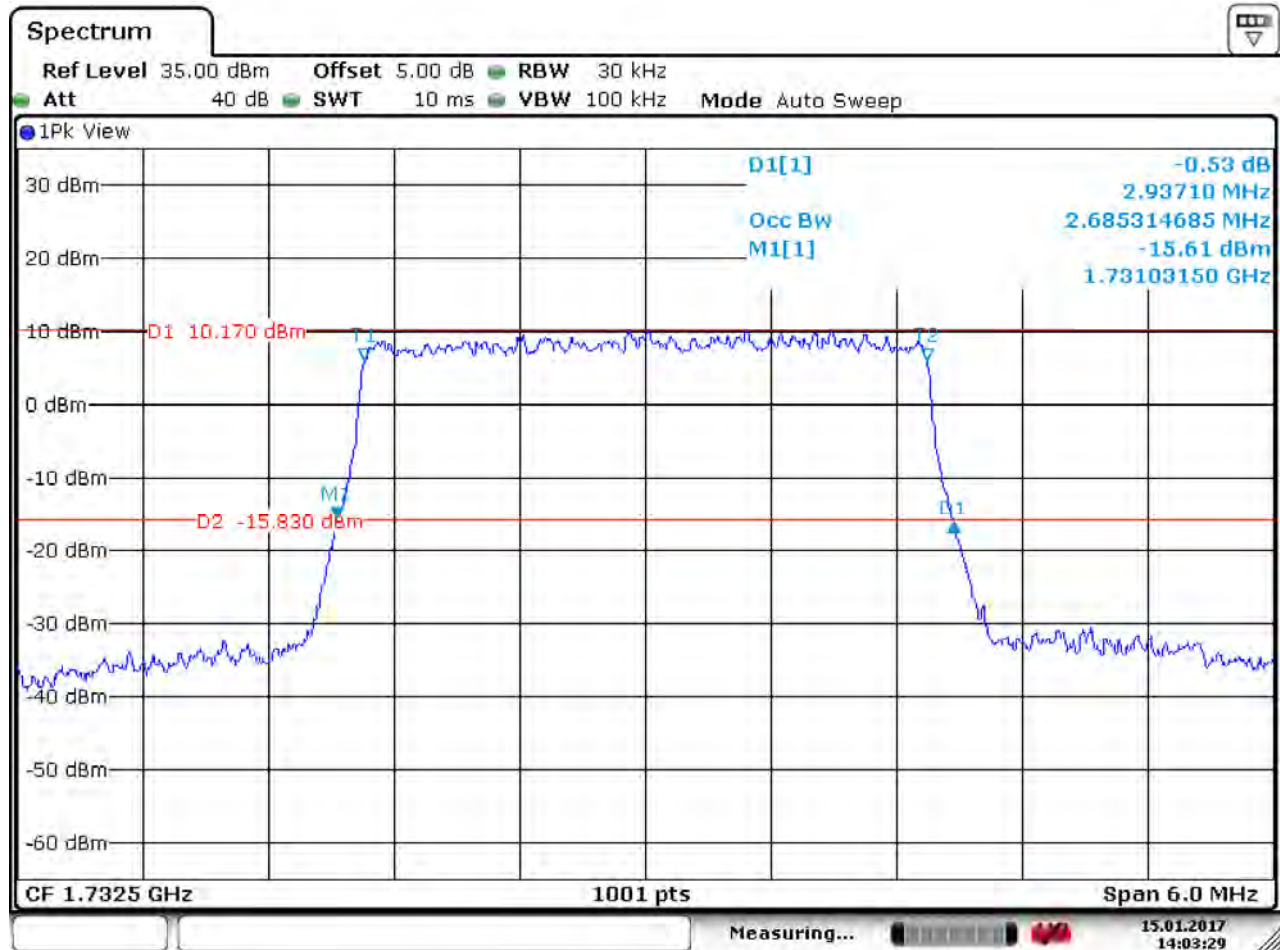
4.1.1.6 Test Mode = LTE/TM3 3MHz

4.1.1.6.1 Test Channel = LCH



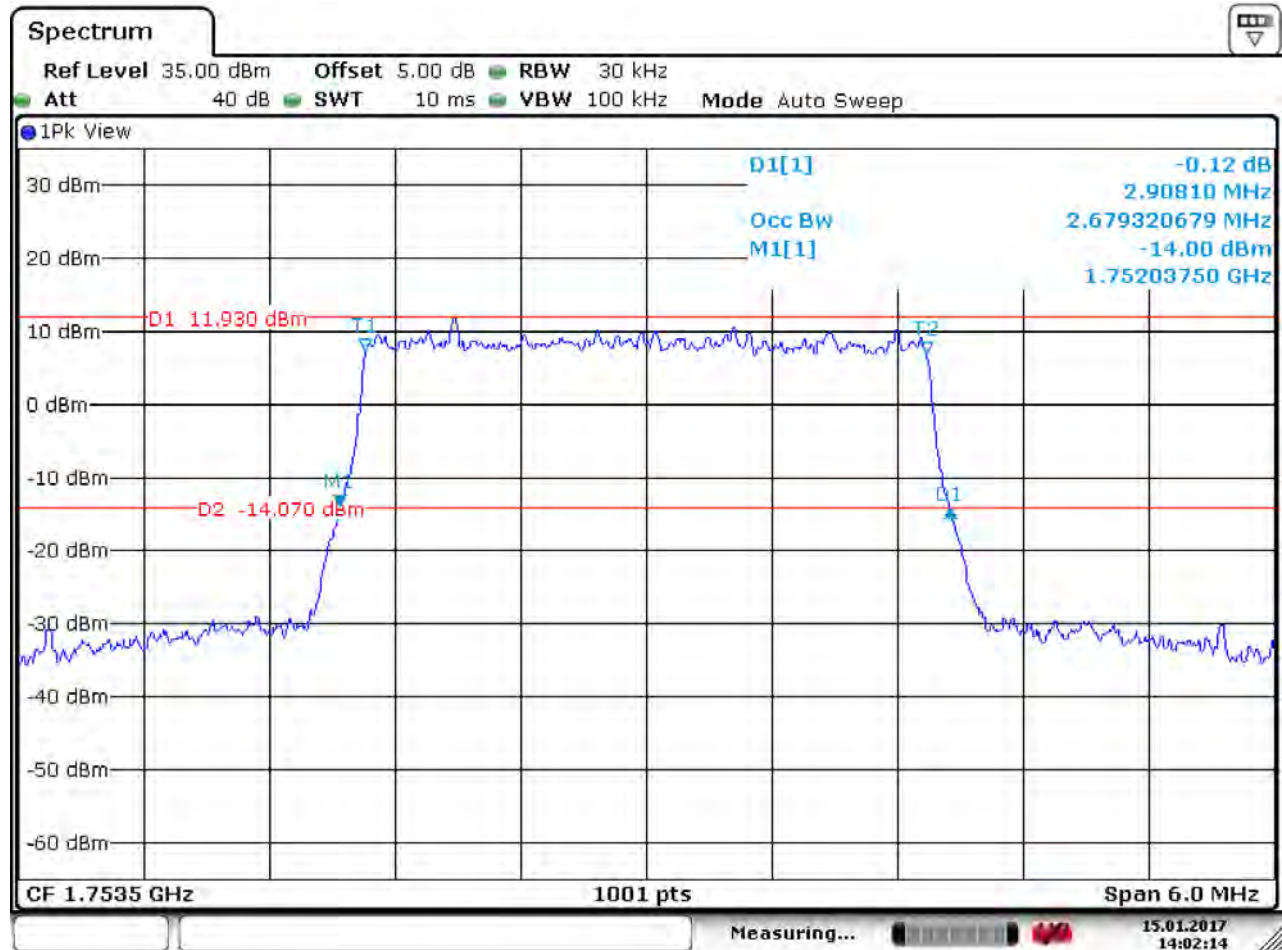
Date: 15.JAN.2017 14:04:53

4.1.1.6.2 Test Channel =MCH



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

4.1.1.6.3 Test Channel = HCH

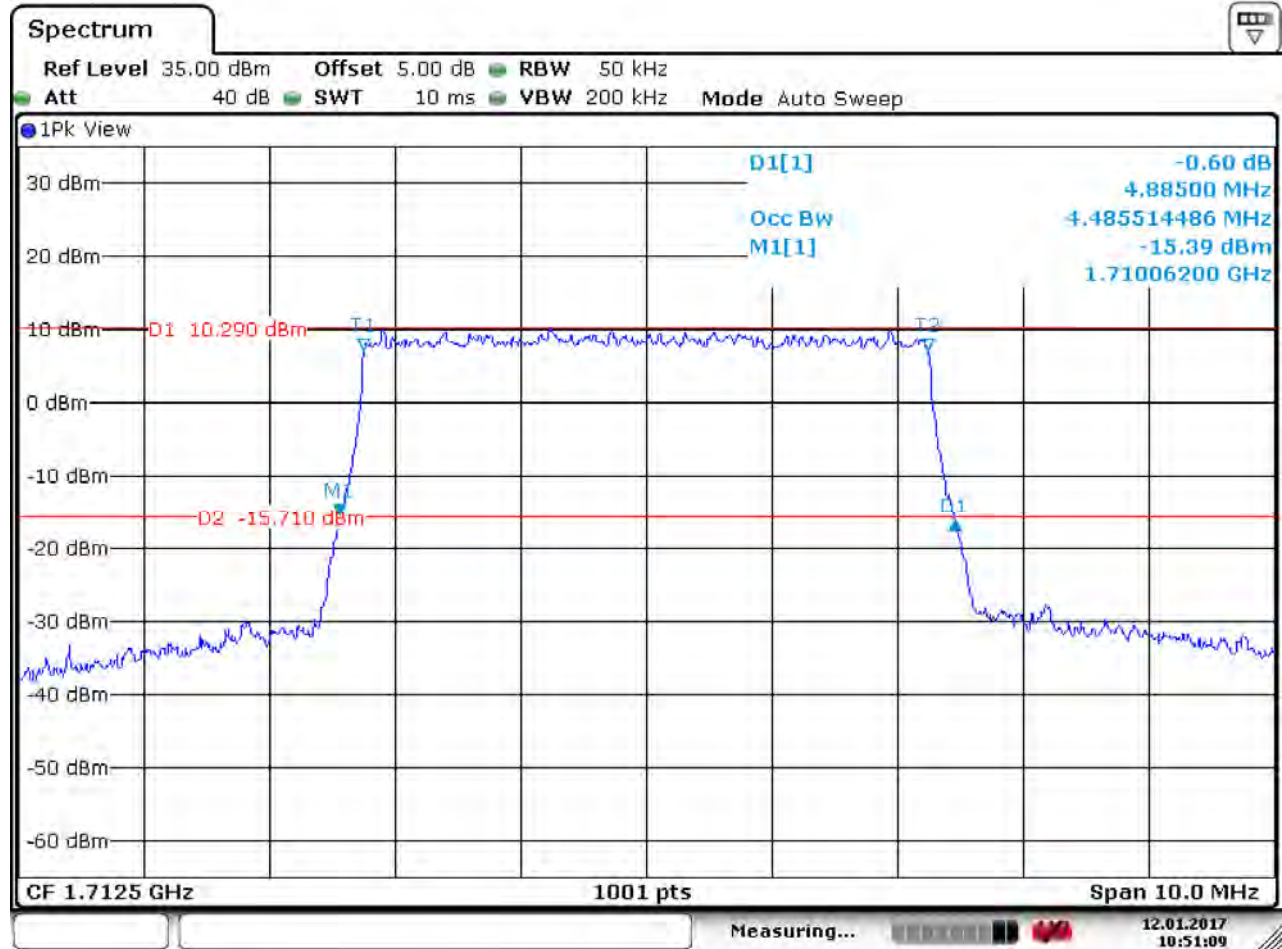


Date: 15.JAN.2017 14:02:14

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4.1.1.7 Test Mode = LTE/TM1 5MHz

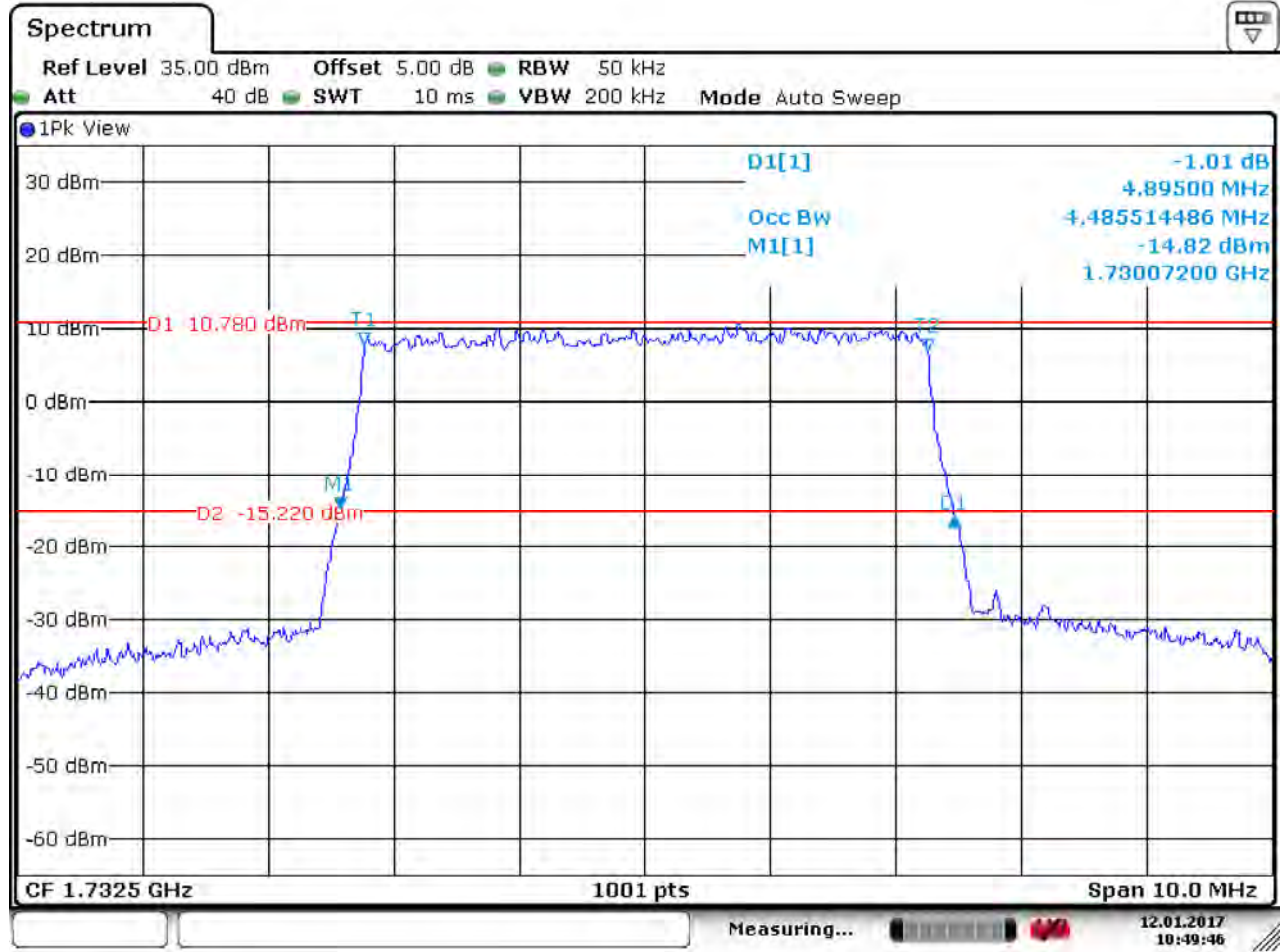
4.1.1.7.1 Test Channel = LCH



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

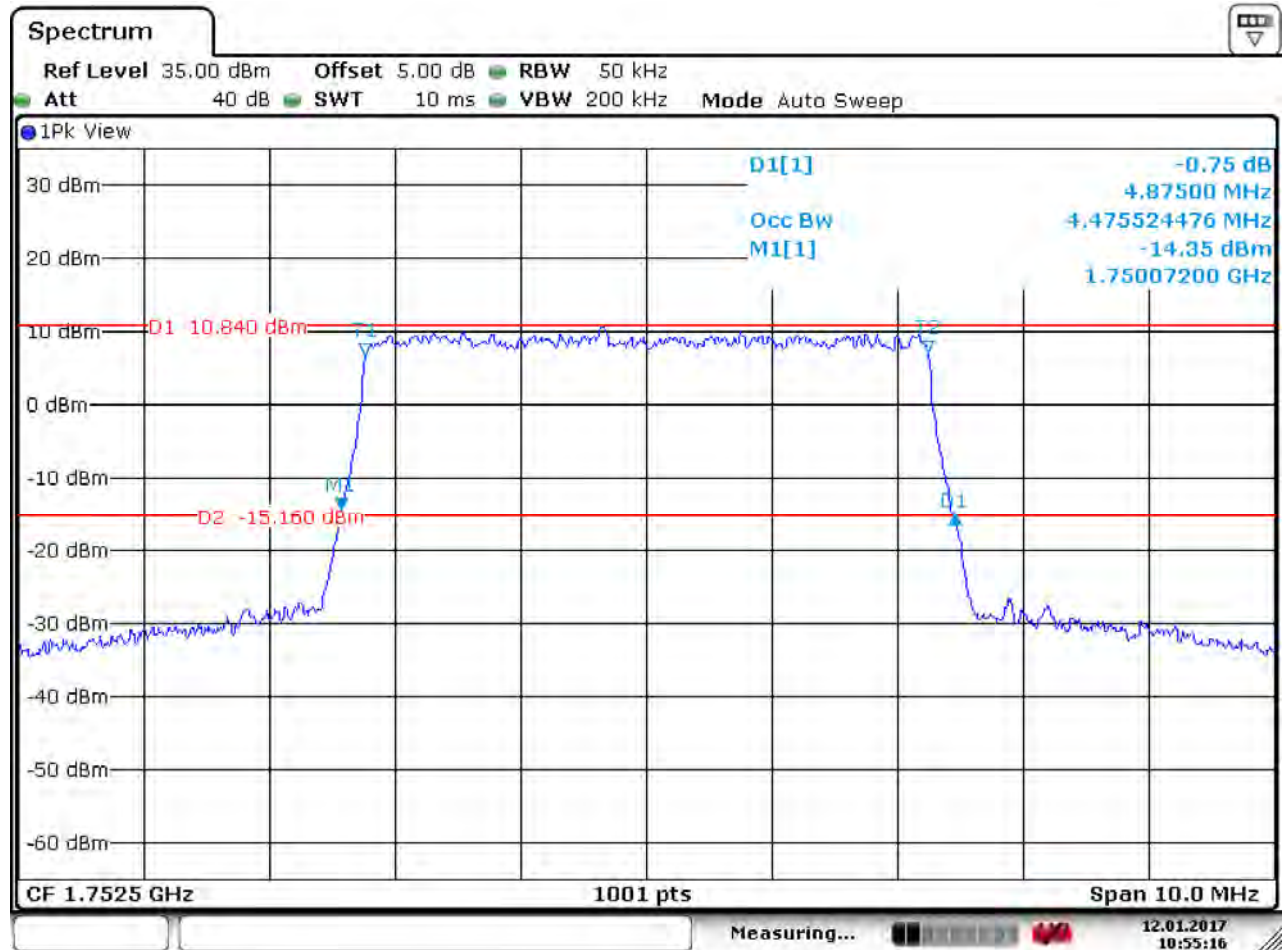


4.1.1.7.2 Test Channel = MCH



Date: 12.JAN.2017 10:49:47

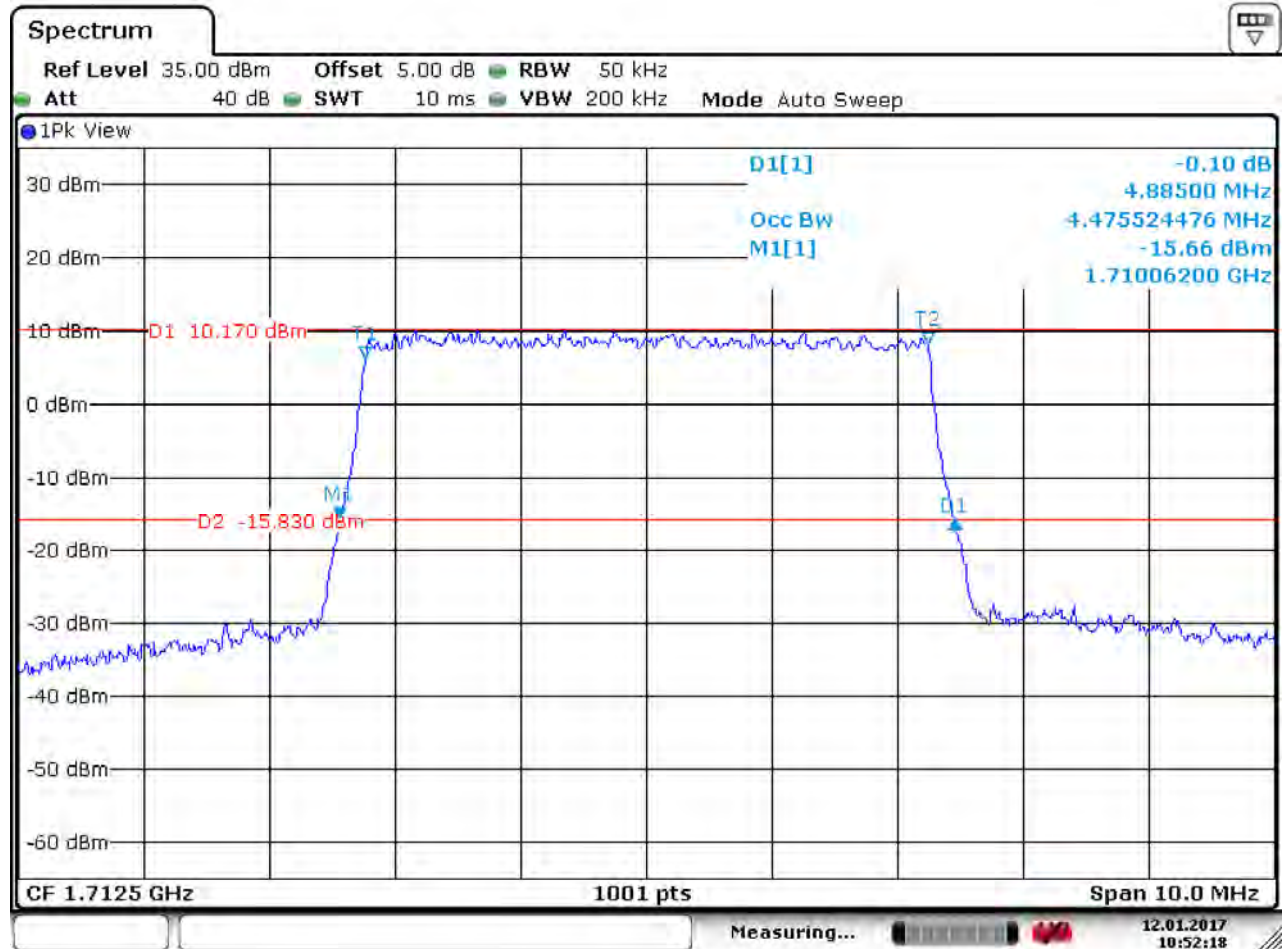
4.1.1.7.3 Test Channel = HCH



Date: 12.JAN.2017 10:55:16

4.1.1.8 Test Mode = LTE/TM2 5MHz

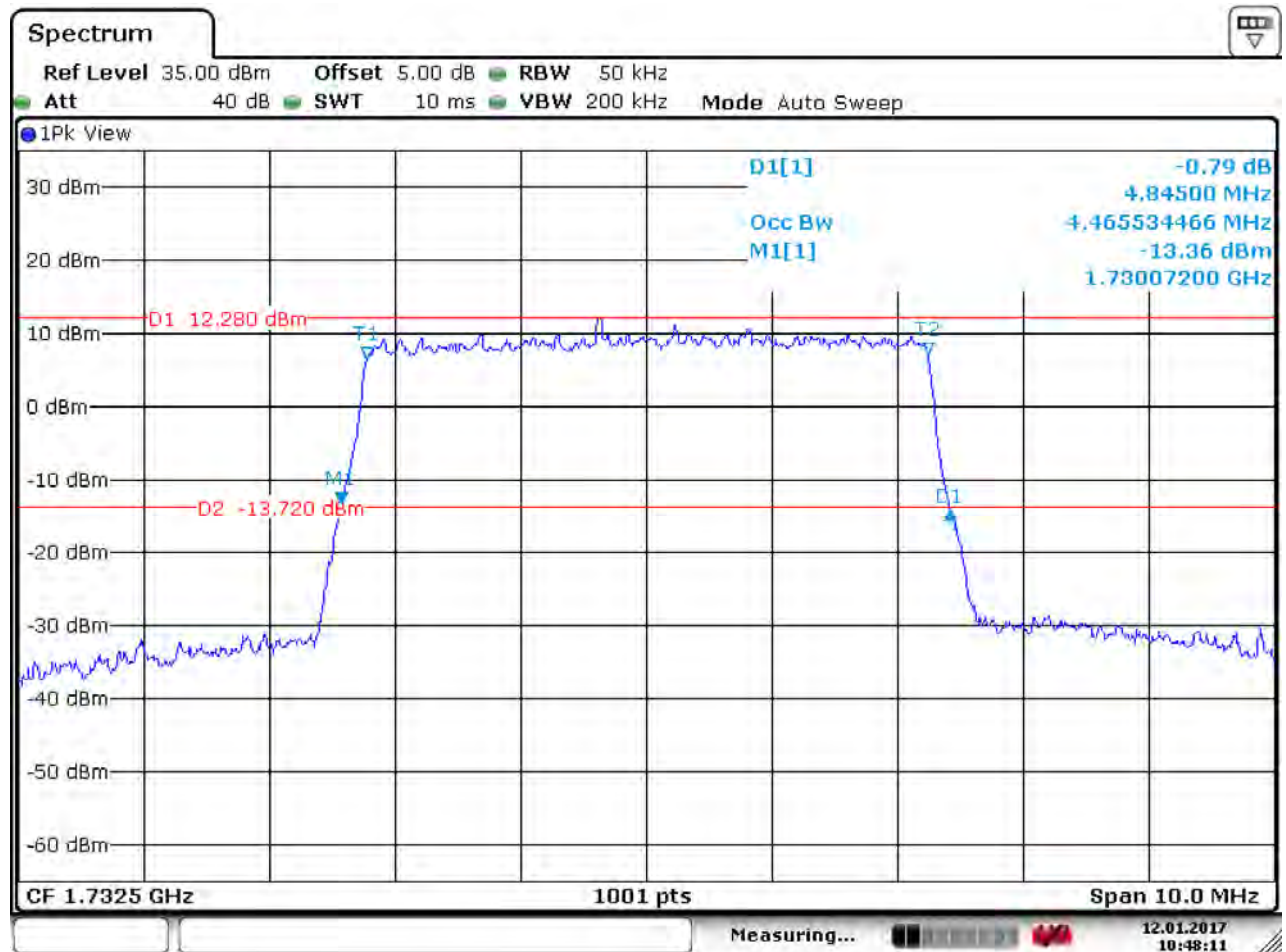
4.1.1.8.1 Test Channel = LCH



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

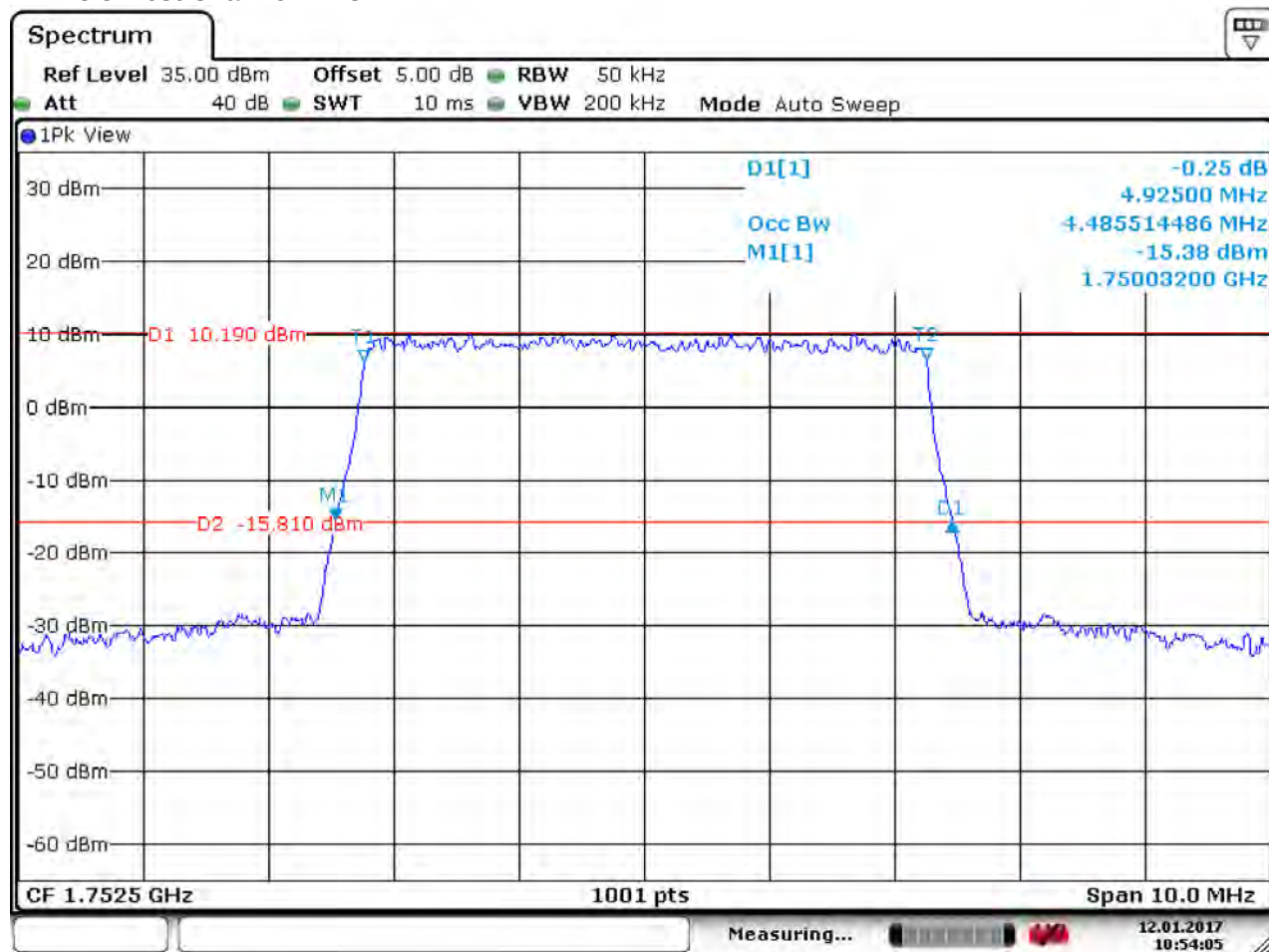


4.1.1.8.2 Test Channel = MCH



Date: 12.JAN.2017 10:48:11

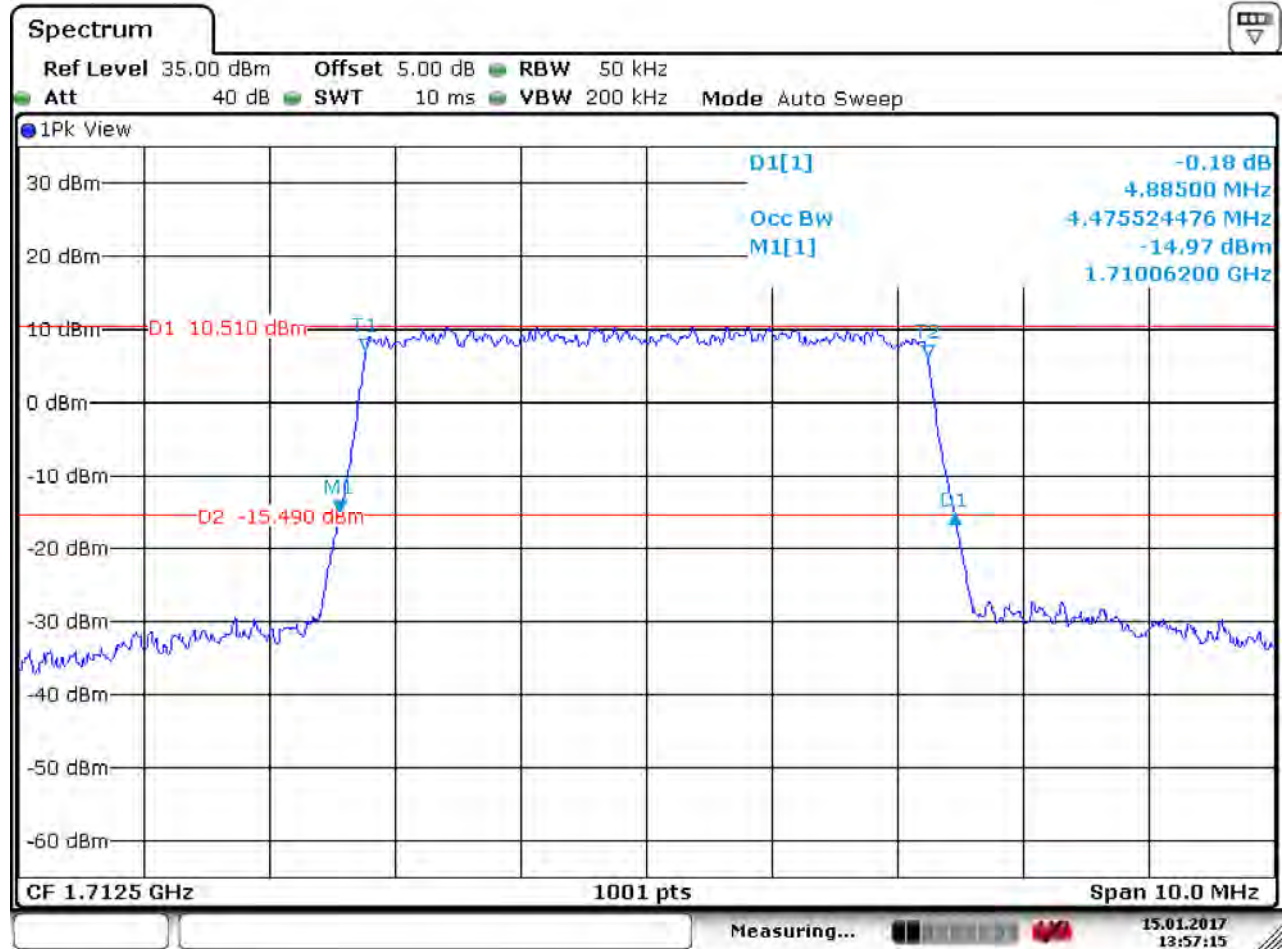
4.1.1.8.3 Test Channel = HCH



Date: 12.JAN.2017 10:54:05

4.1.1.9 Test Mode = LTE/TM3 5MHz

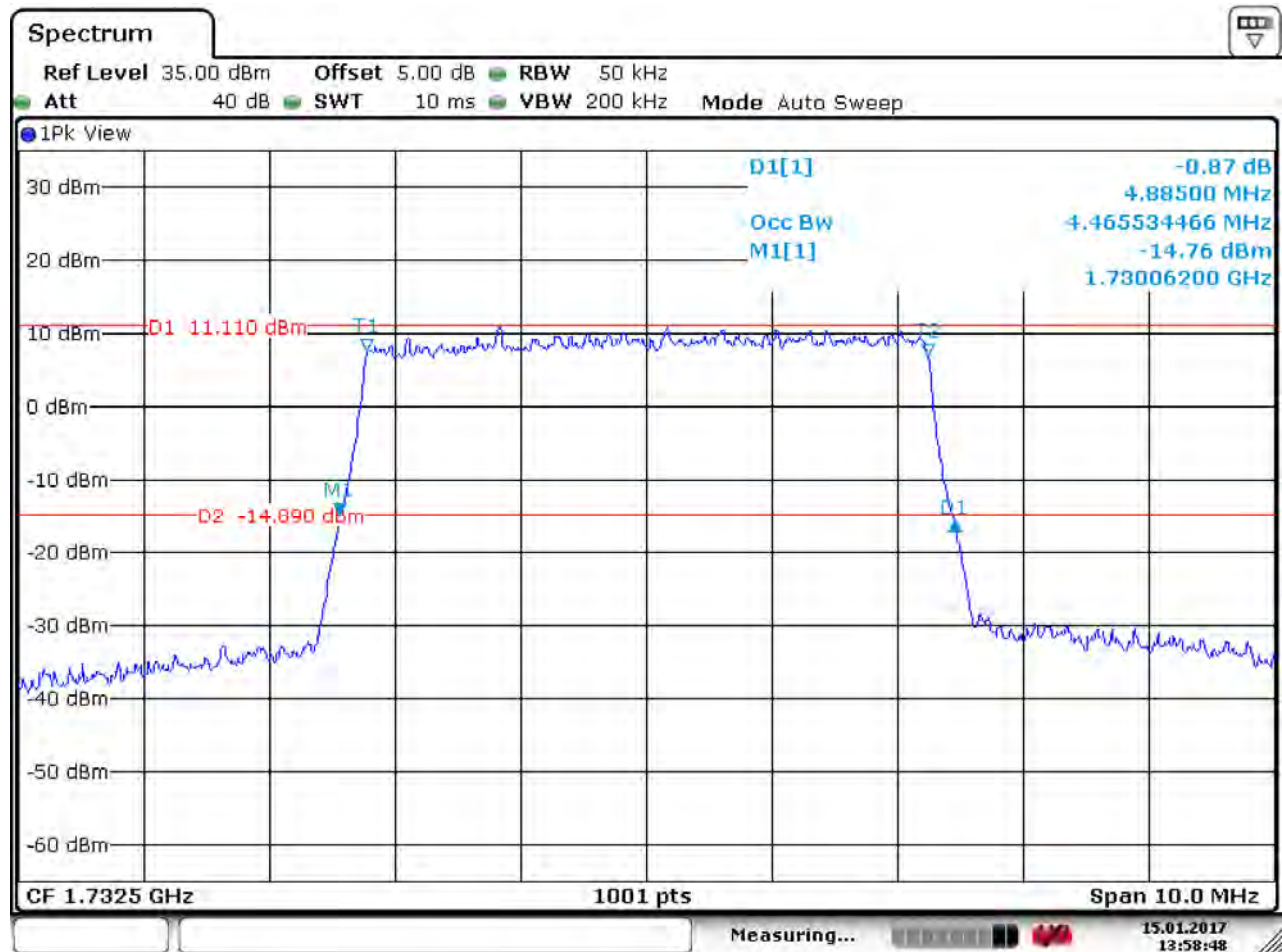
4.1.1.9.1 Test Channel = LCH



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



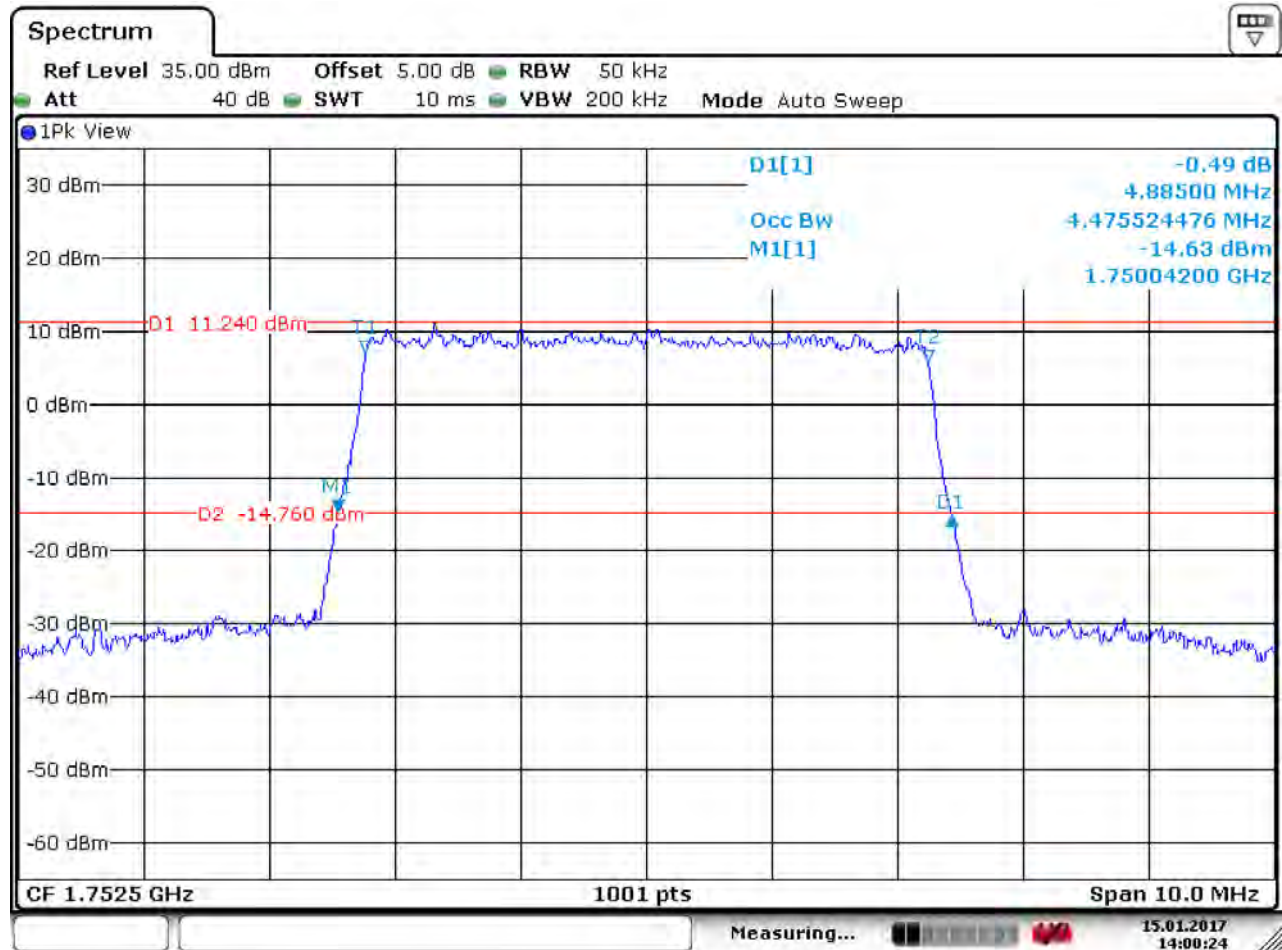
4.1.1.9.2 Test Channel = MCH



Date: 15.JAN.2017 13:58:48



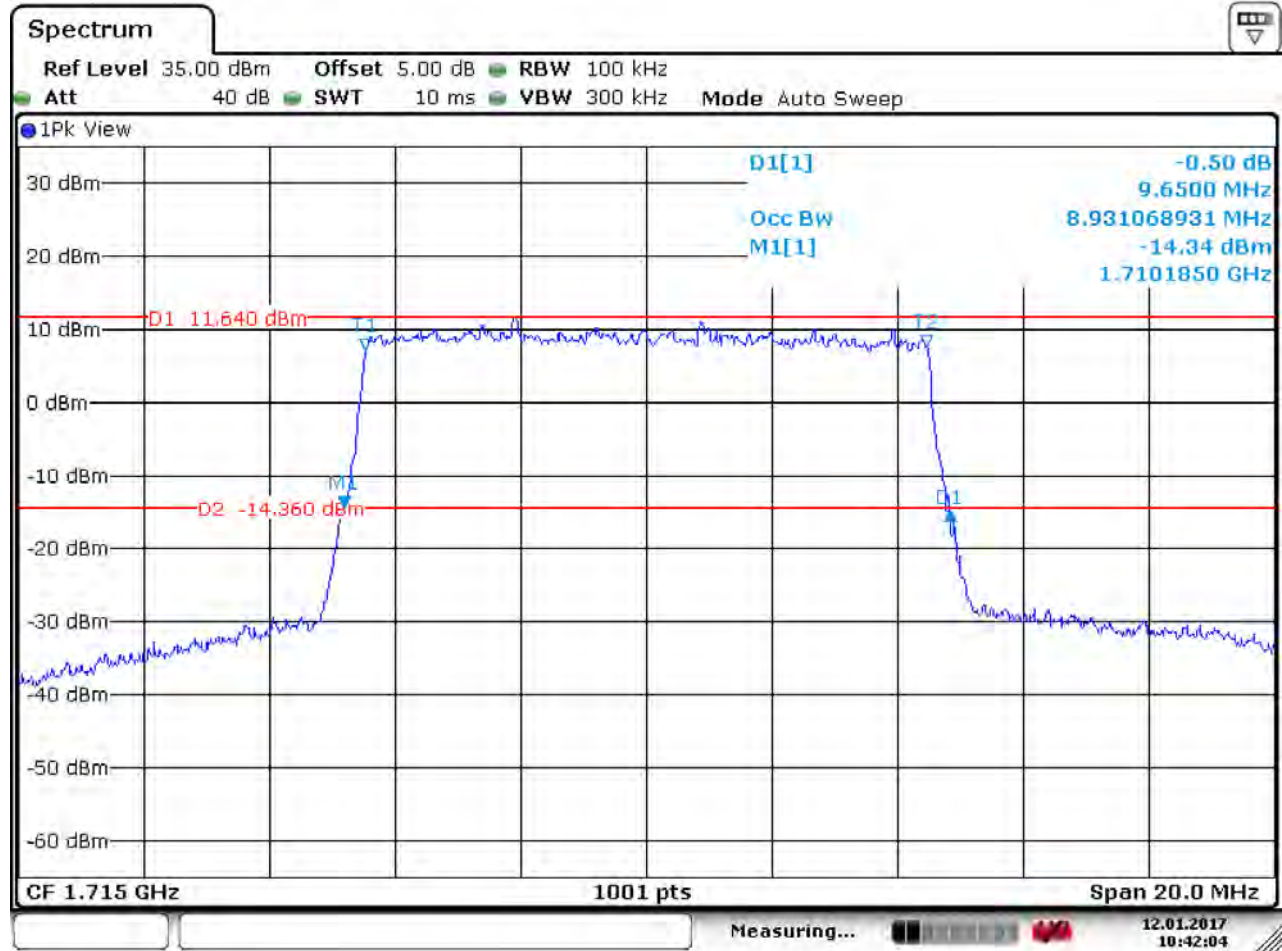
4.1.1.9.3 Test Channel = HCH



Date: 15.JAN.2017 14:00:25

4.1.1.10 Test Mode = LTE/TM1 10MHz

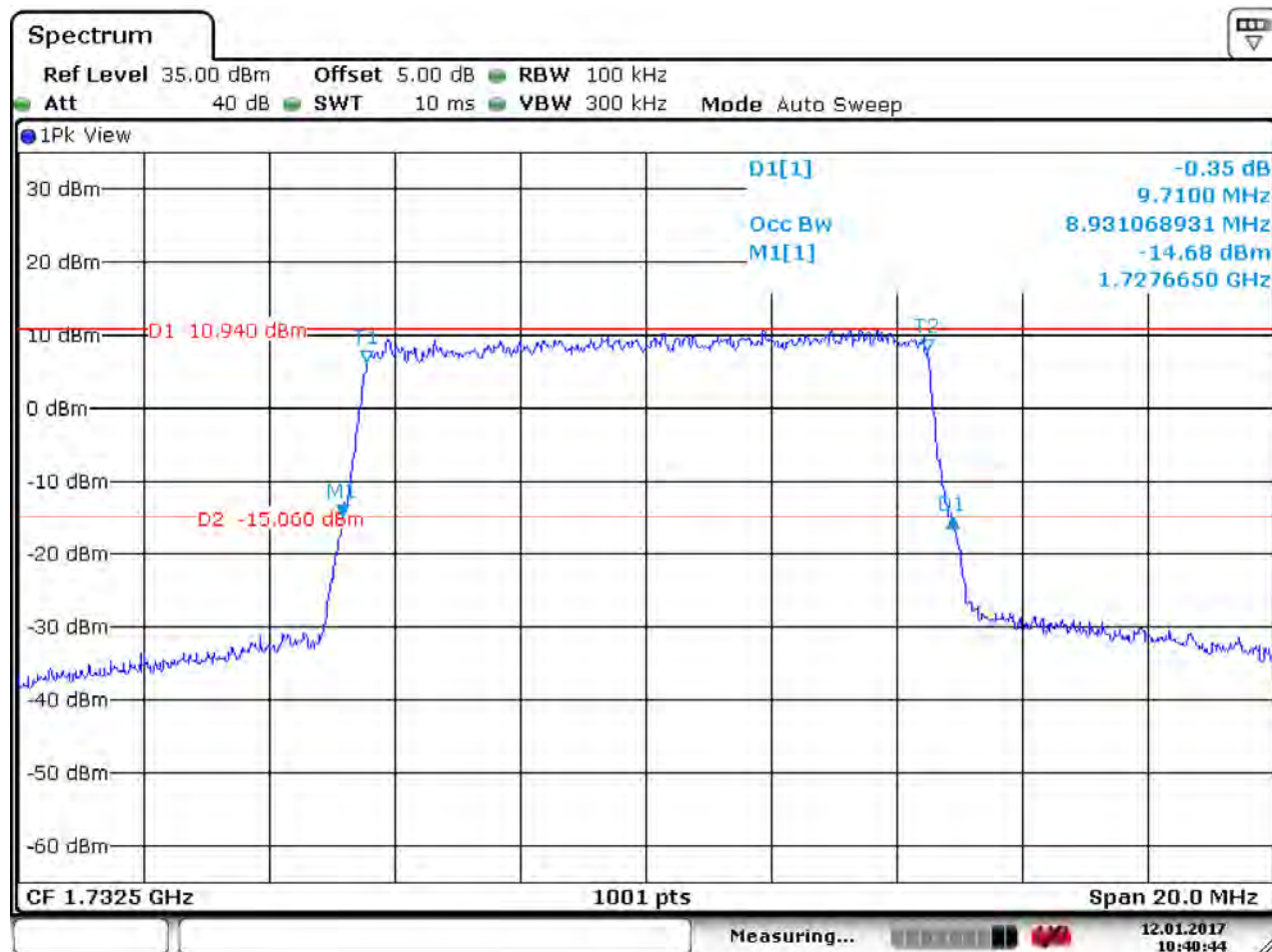
4.1.1.10.1 Test Channel = LCH



Date: 12.JAN.2017 10:42:04



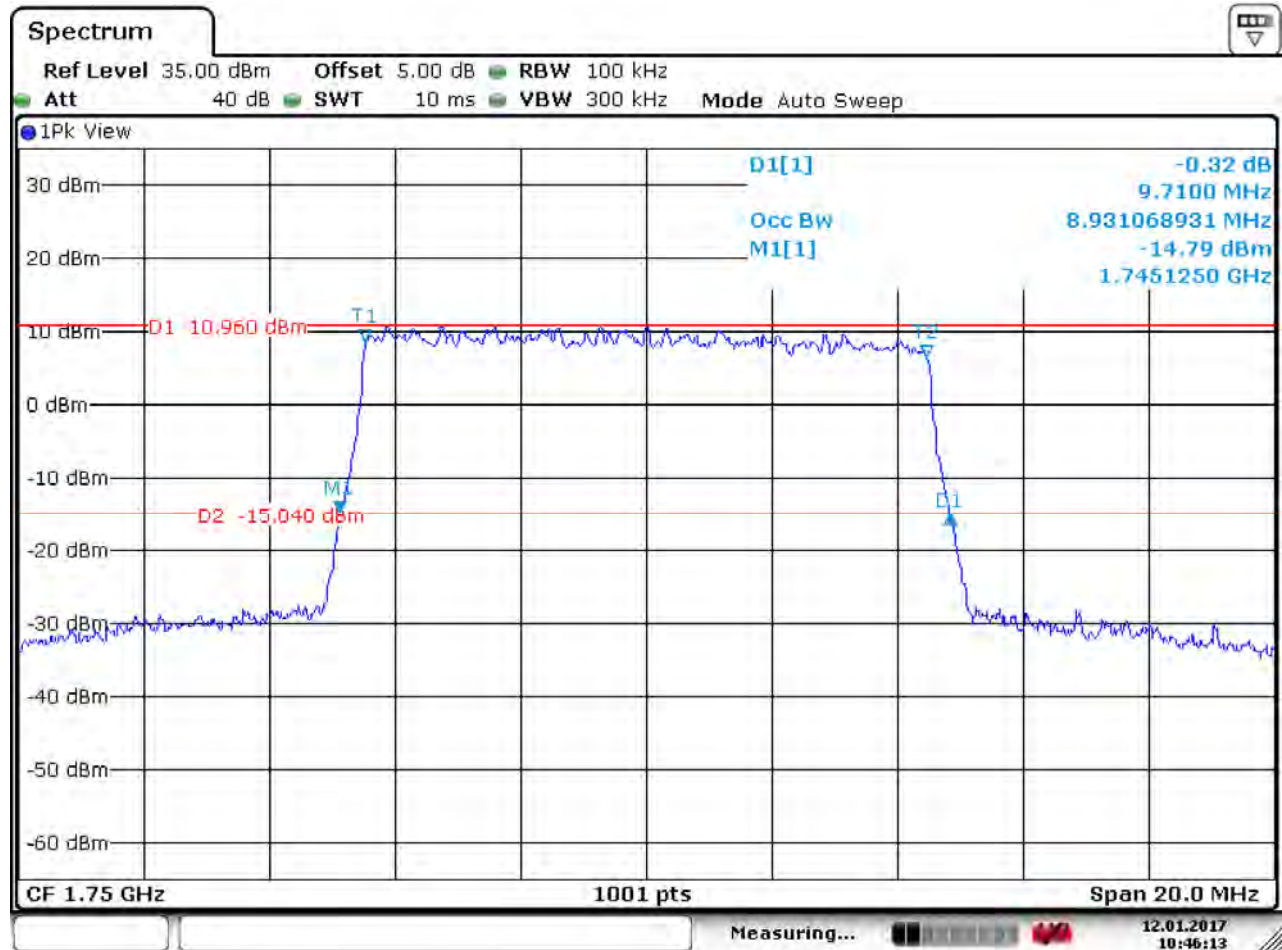
4.1.1.10.2 Test Channel = MCH



Date: 12.JAN.2017 10:40:44



4.1.1.10.3 Test Channel = HCH

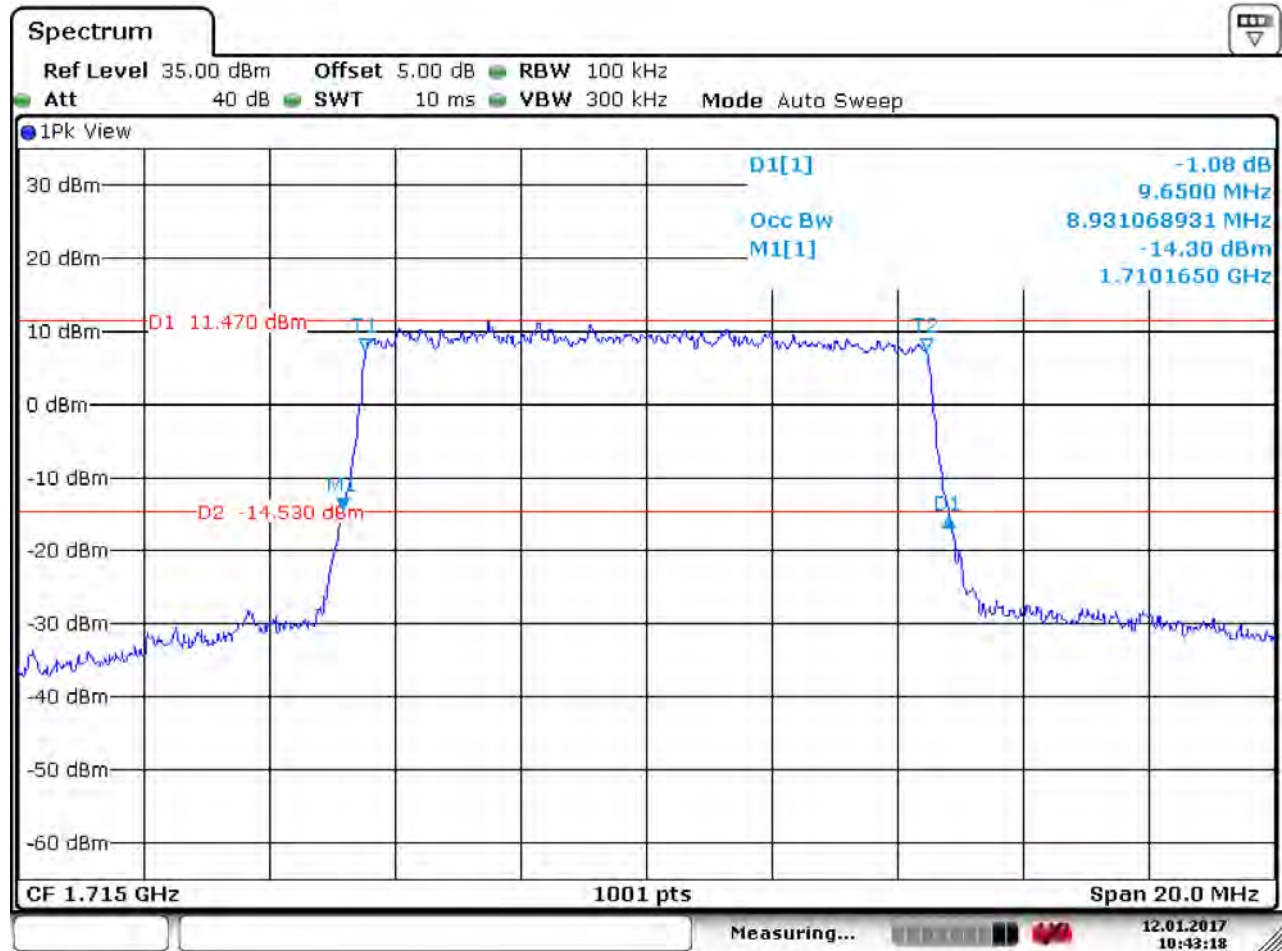


Date: 12.JAN.2017 10:46:13



4.1.1.11 Test Mode = LTE/TM2 10MHz

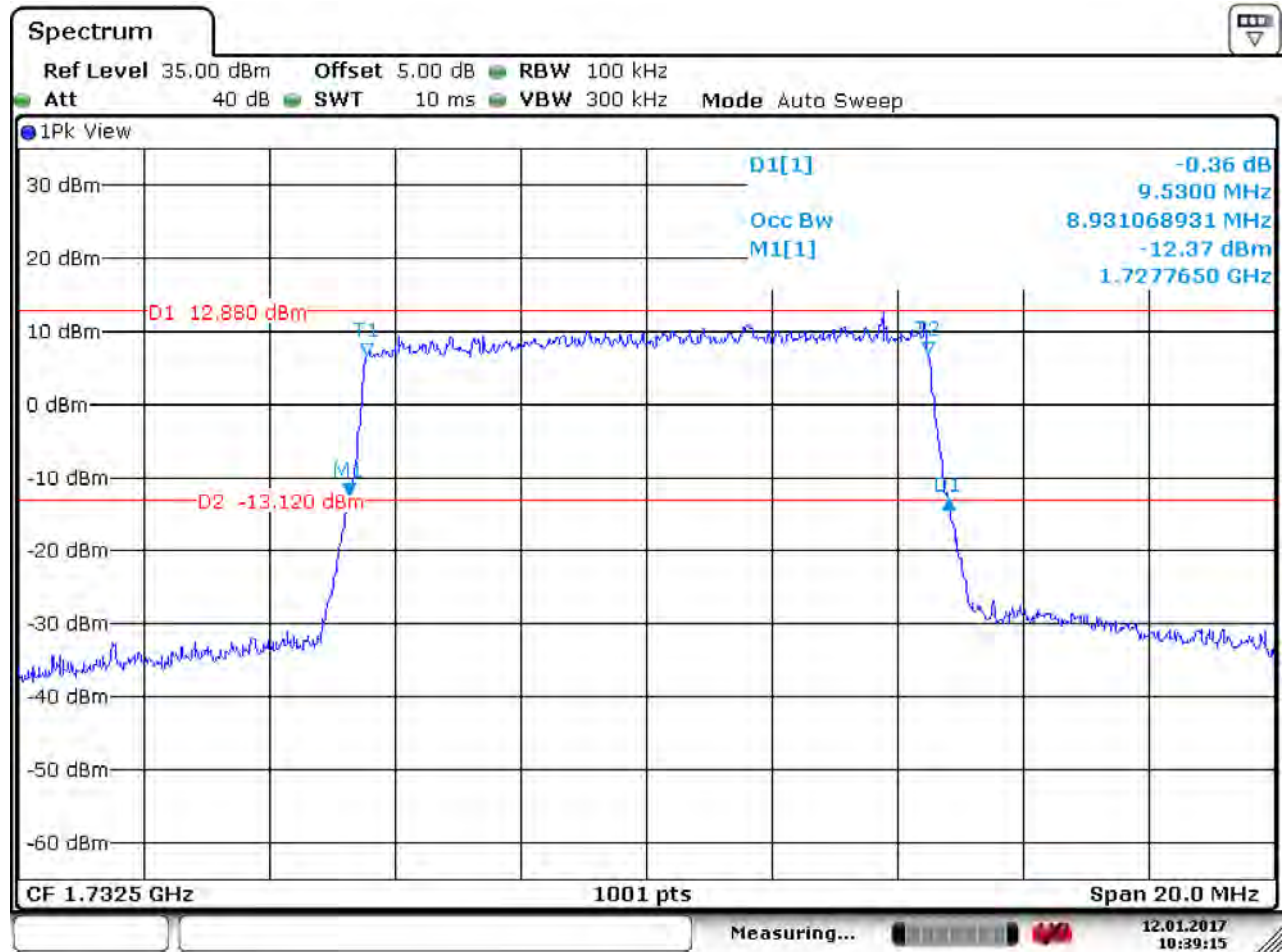
4.1.1.11.1 Test Channel = LCH



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



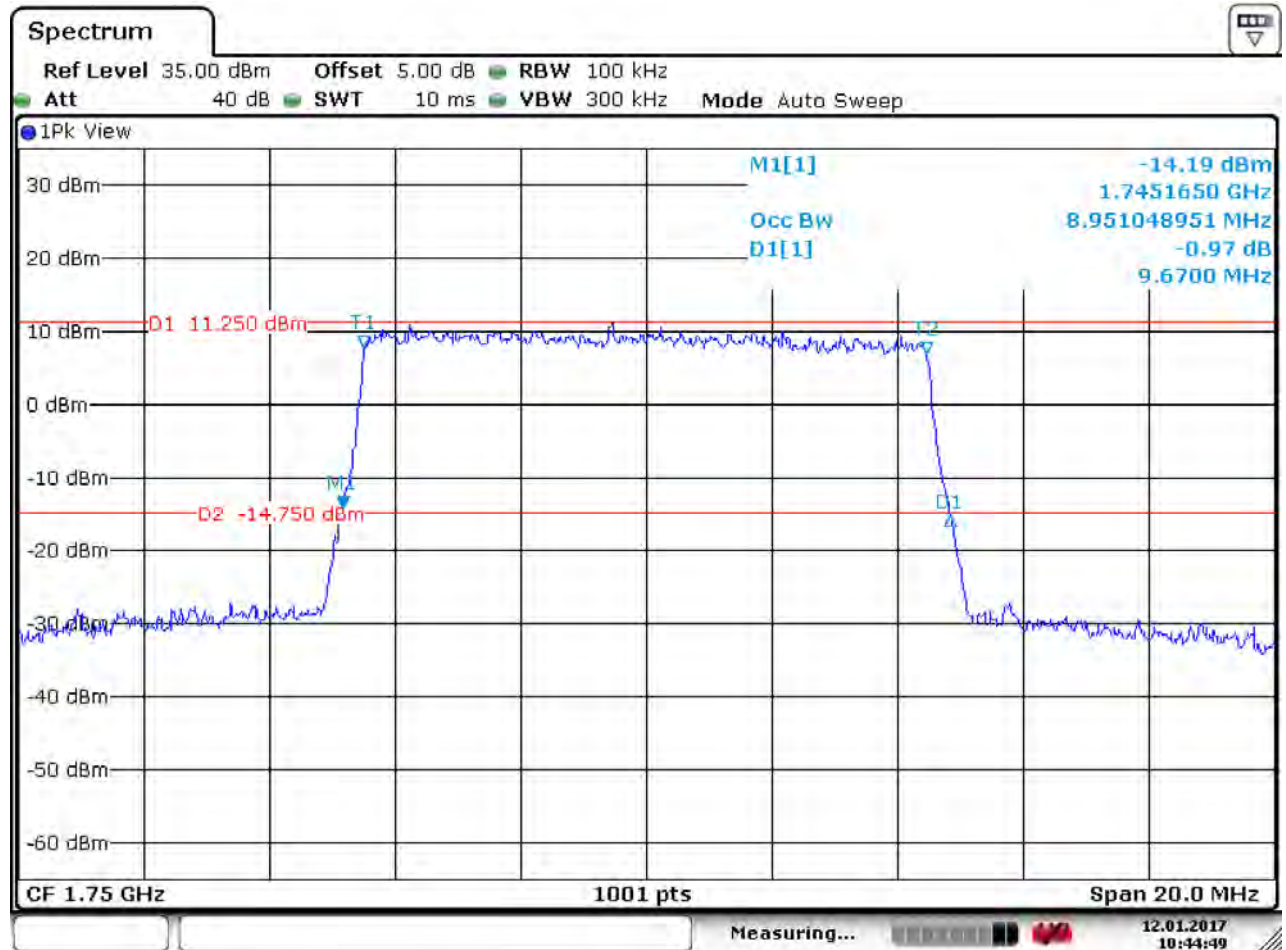
4.1.1.11.2 Test Channel = MCH



Date: 12.JAN.2017 10:39:16



4.1.1.11.3 Test Channel = HCH

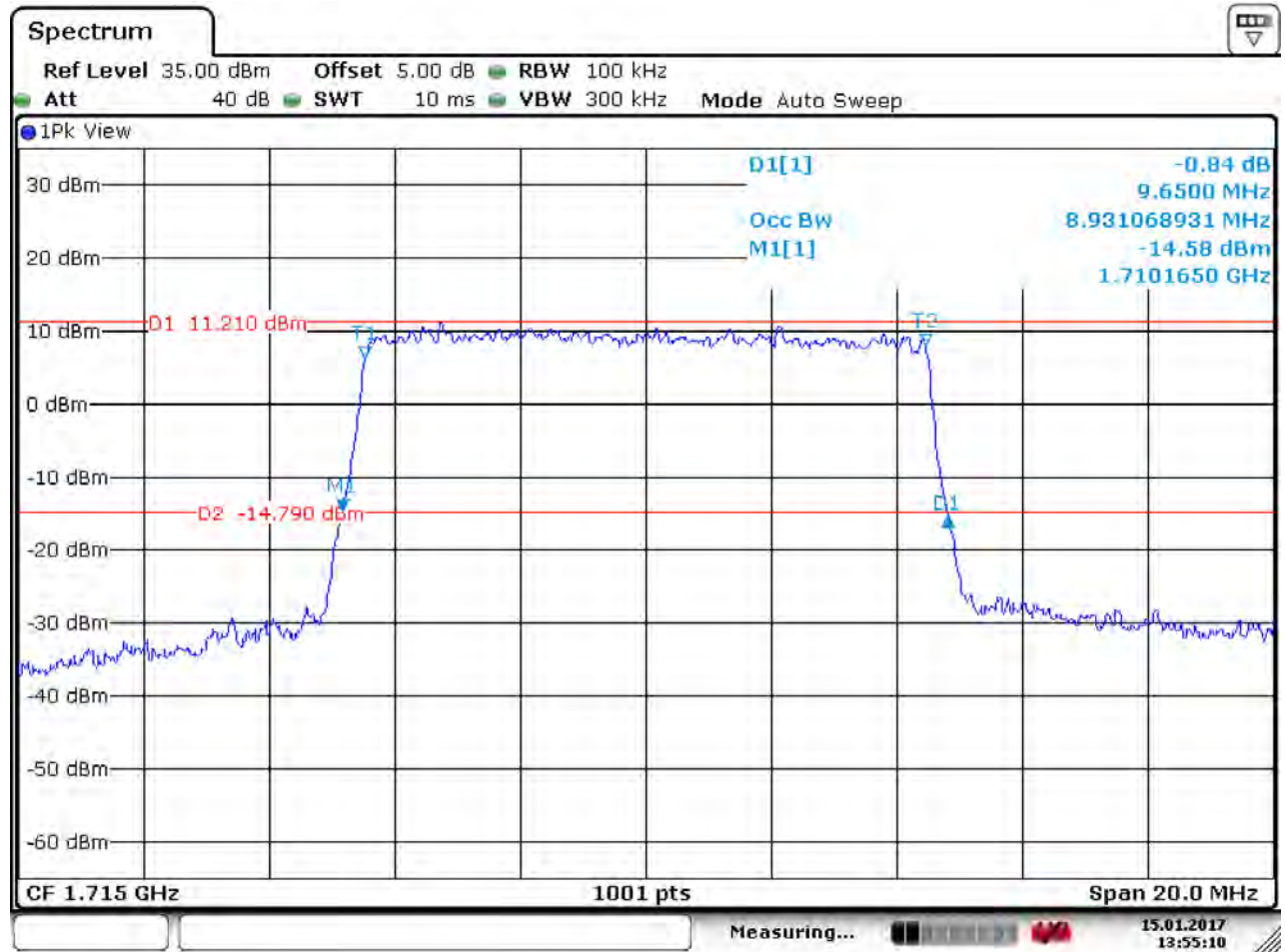


Date: 12.JAN.2017 10:44:50



4.1.1.12 Test Mode = LTE/TM3 10MHz

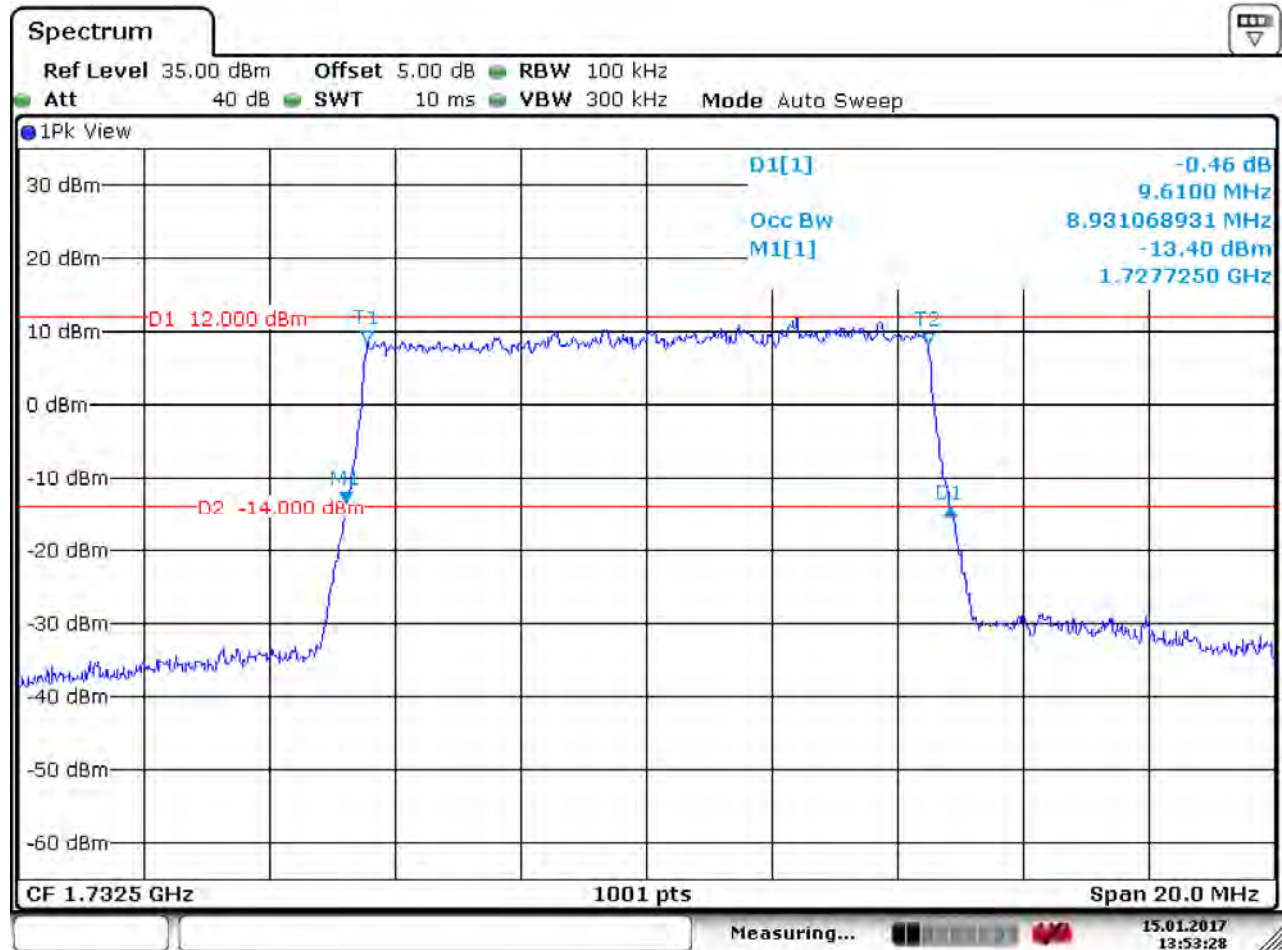
4.1.1.12.1 Test Channel = LCH



Date: 15.JAN.2017 13:55:10



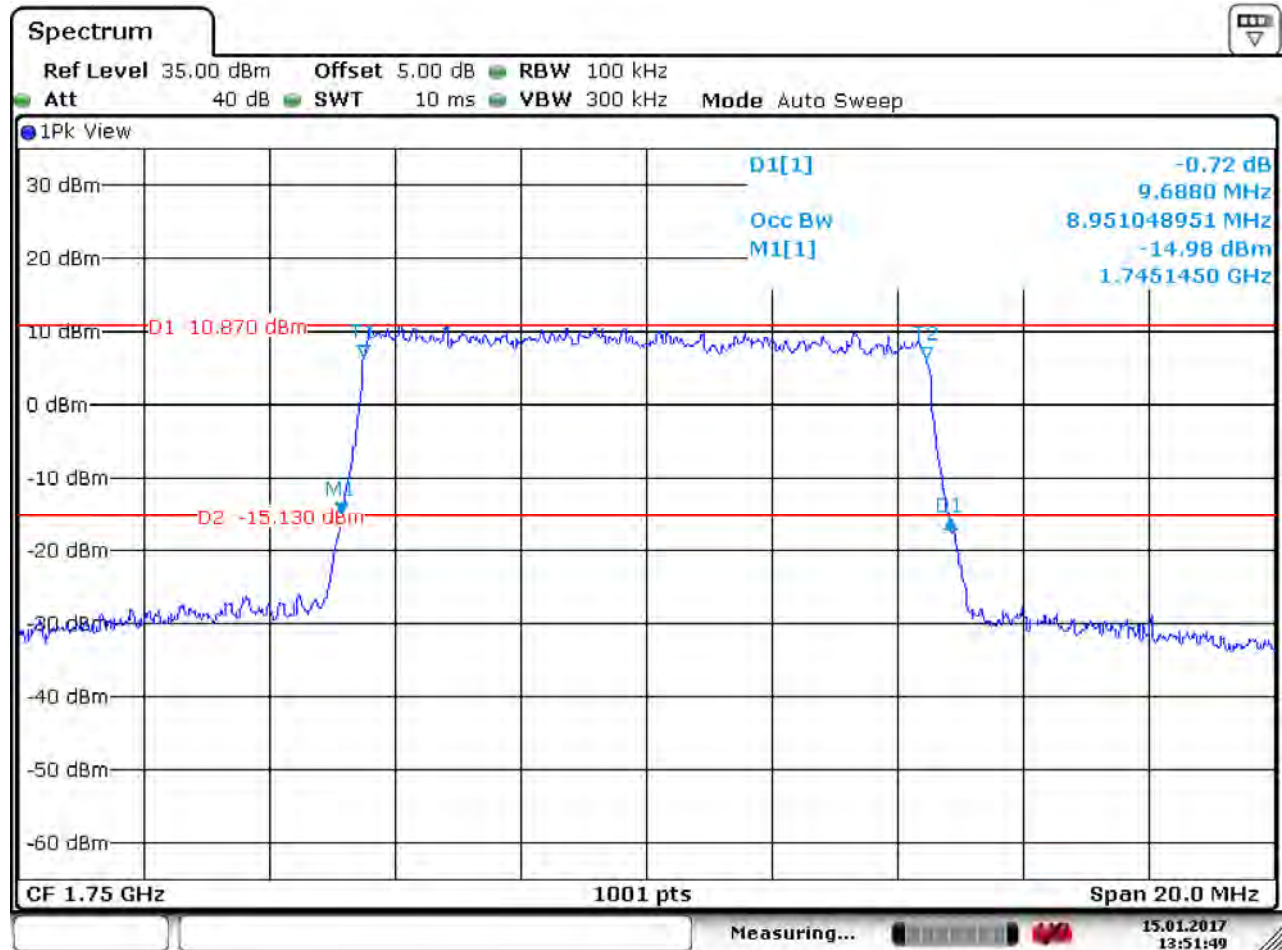
4.1.1.12.2 Test Channel = MCH



Date: 15.JAN.2017 13:53:29



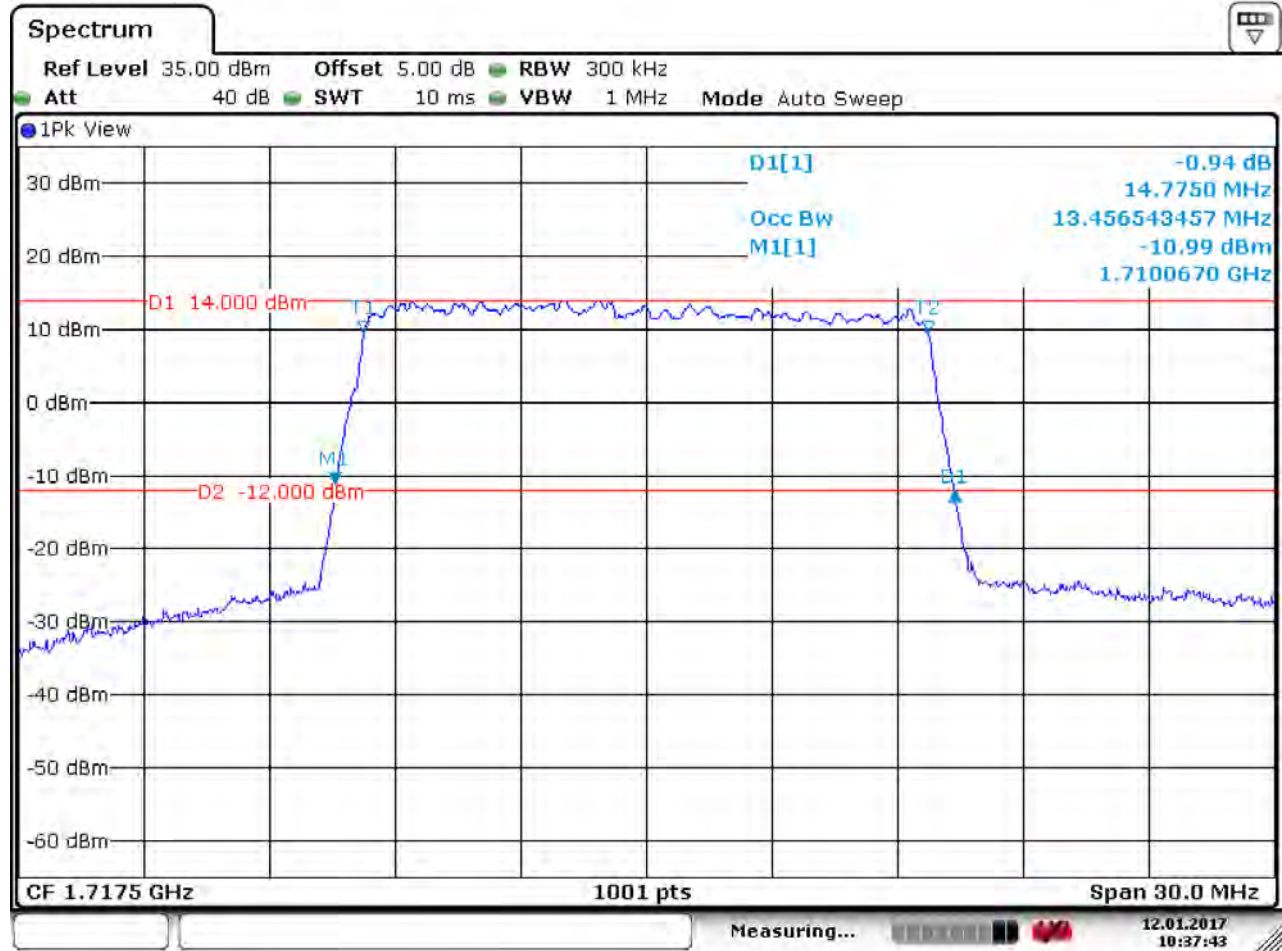
4.1.1.12.3 Test Channel = HCH



Date: 15.JAN.2017 13:51:50

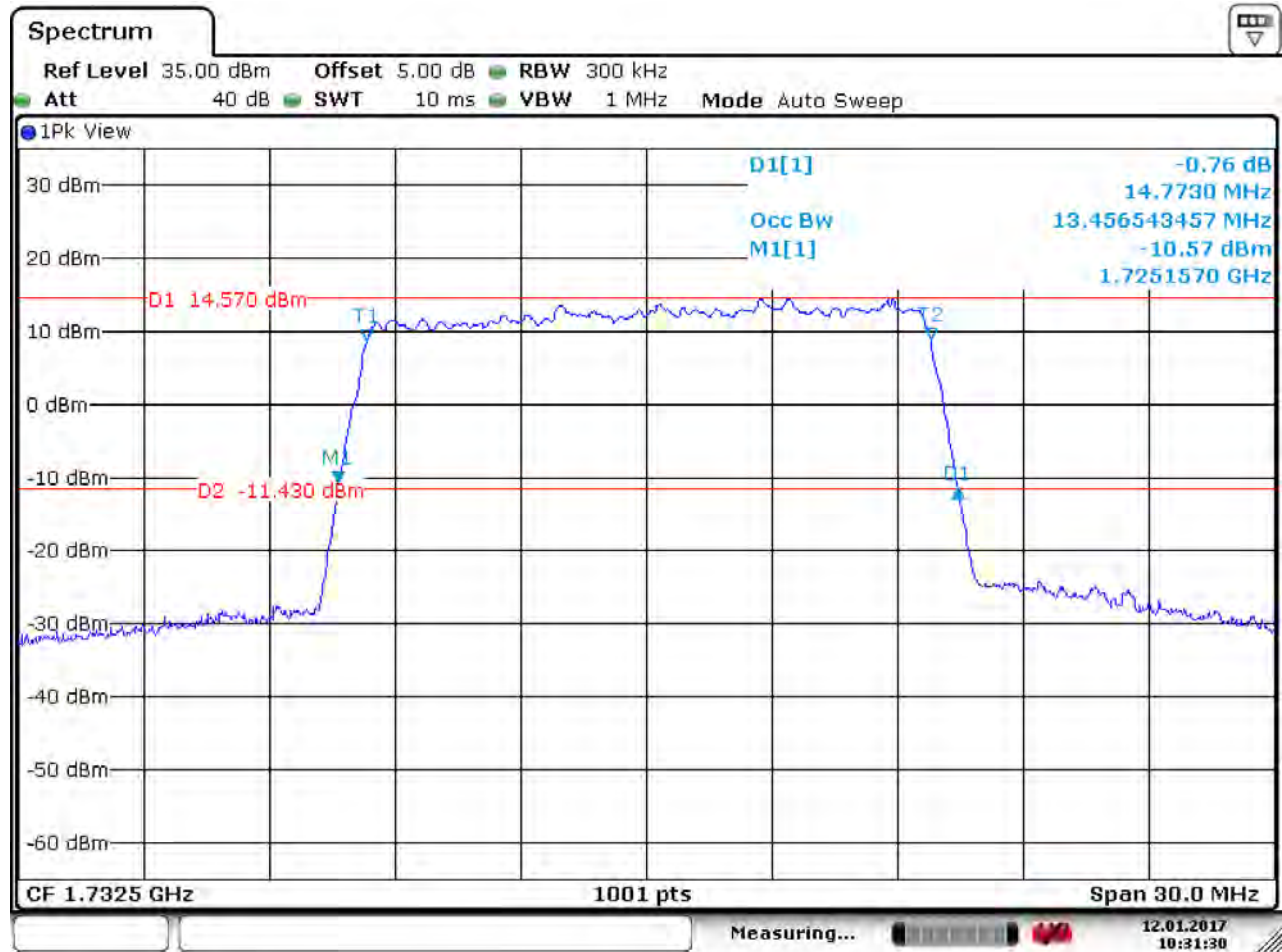
4.1.1.13 Test Mode = LTE/TM1 15MHz

4.1.1.13.1 Test Channel = LCH



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

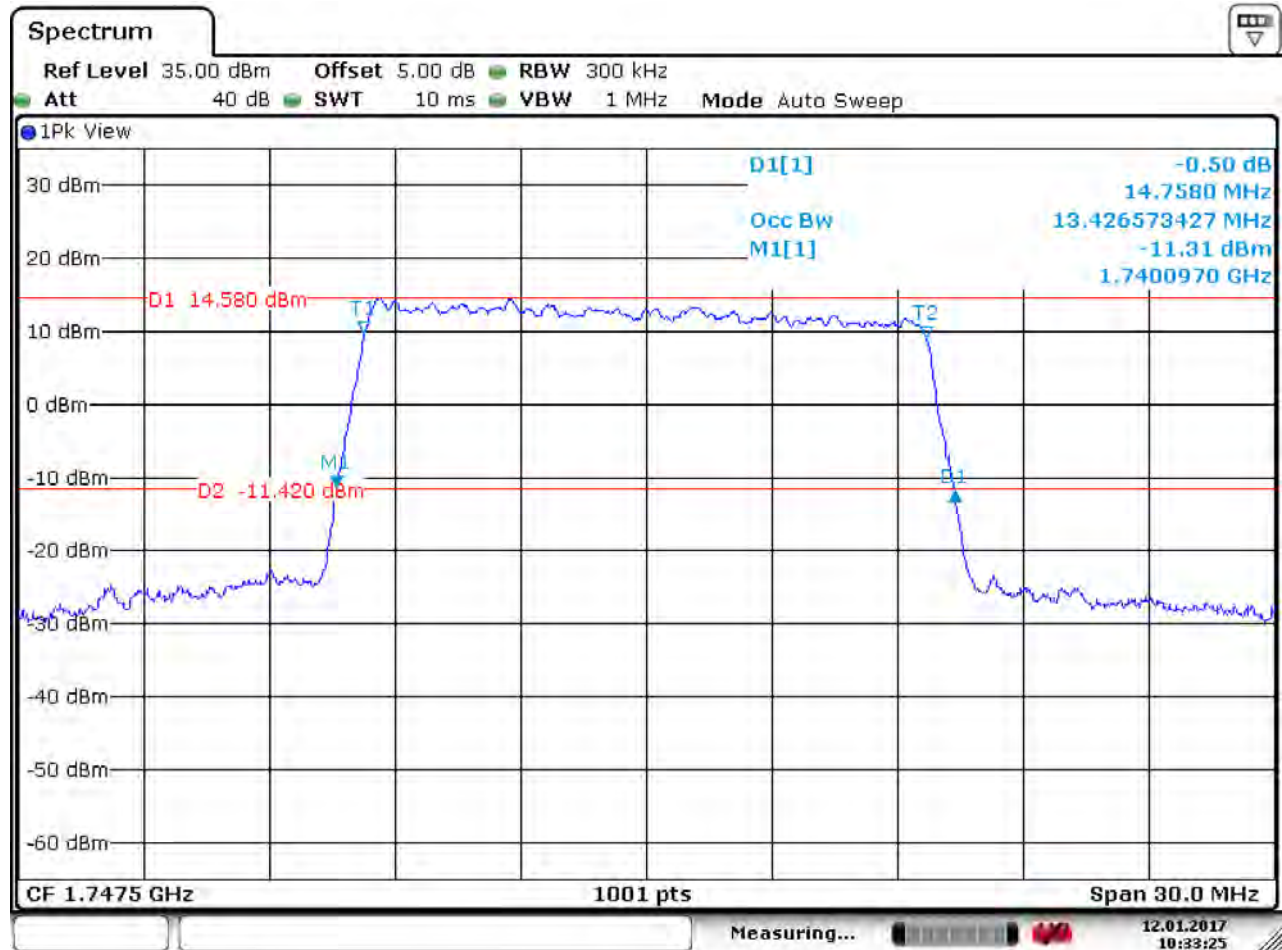
4.1.1.13.2 Test Channel = MCH



Date: 12.JAN.2017 10:31:31



4.1.1.13.3 Test Channel = HCH

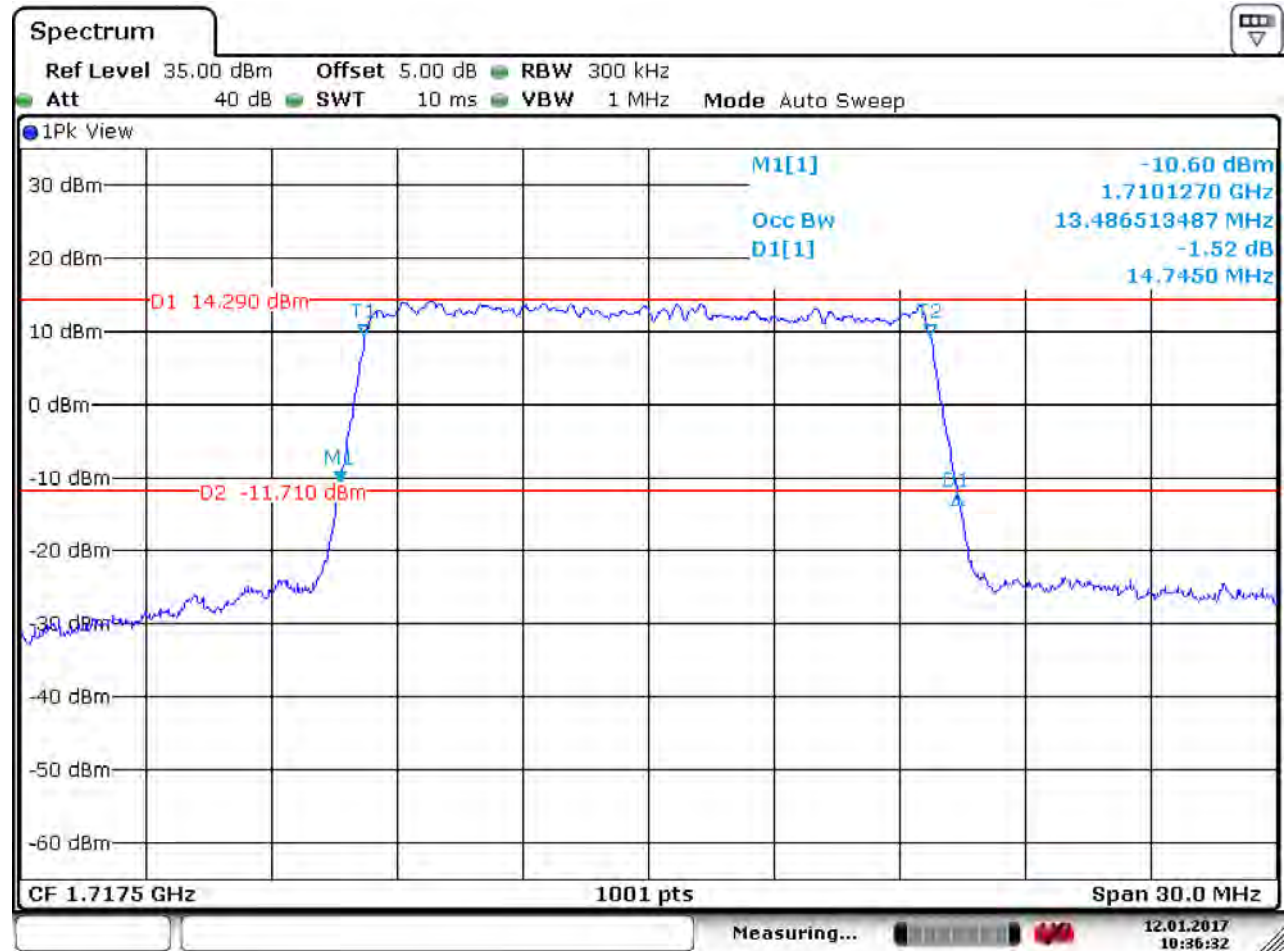


Date: 12.JAN.2017 10:33:25



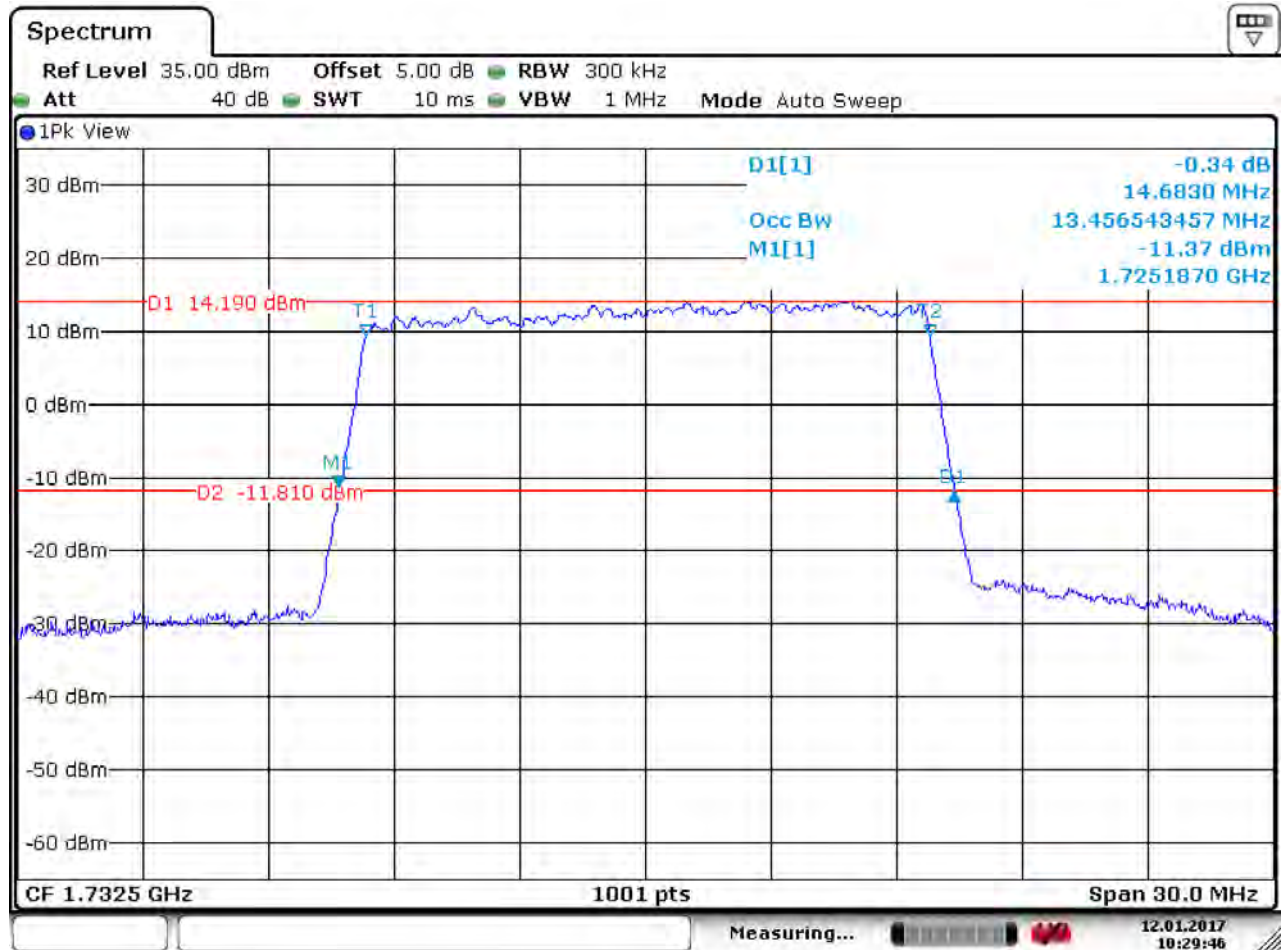
4.1.1.14 Test Mode = LTE/TM2 15MHz

4.1.1.14.1 Test Channel = LCH



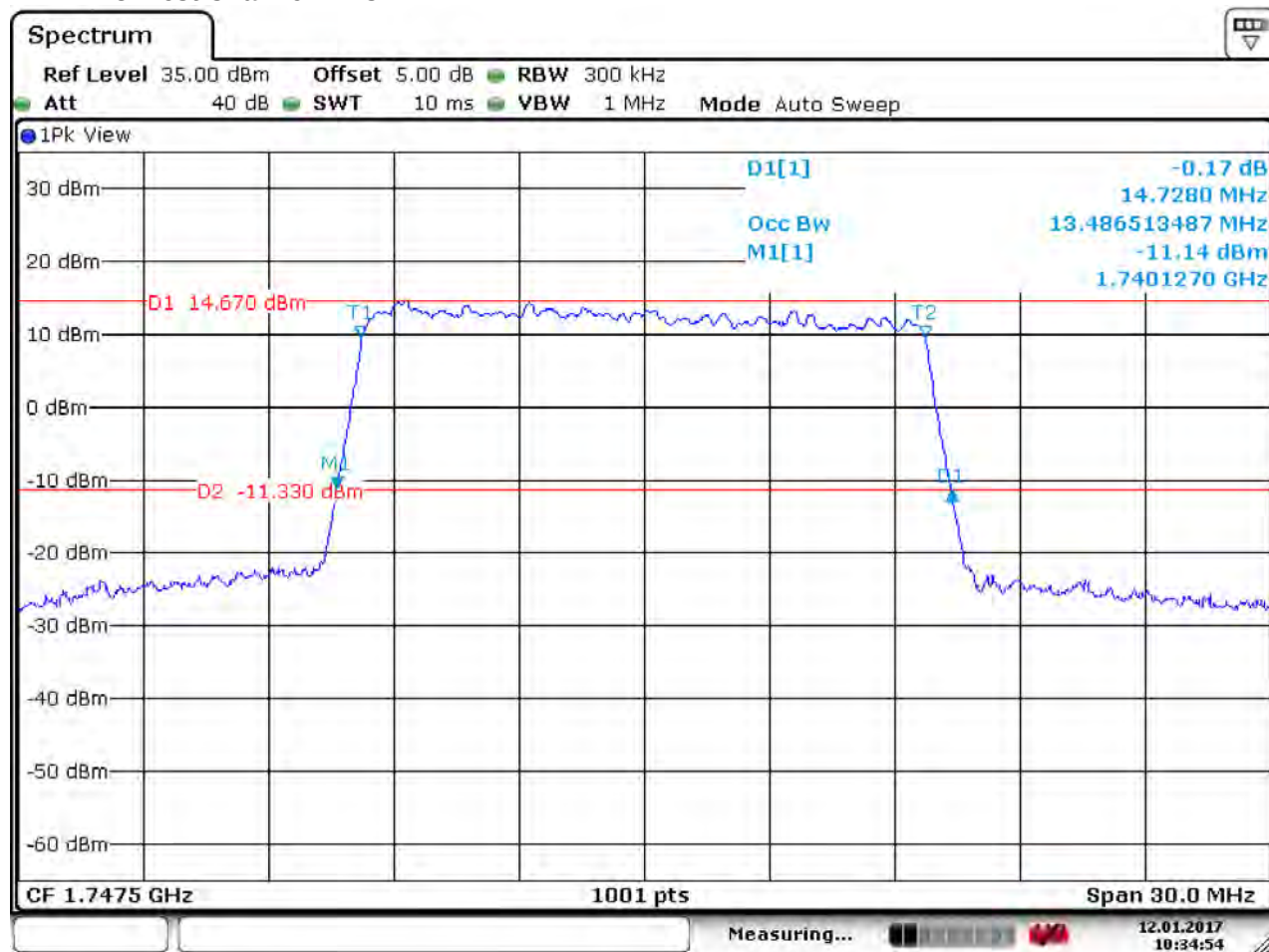
Date: 12.JAN.2017 10:36:32

4.1.1.14.2 Test Channel = MCH



Date: 12.JAN.2017 10:29:47

4.1.1.14.3 Test Channel = HCH



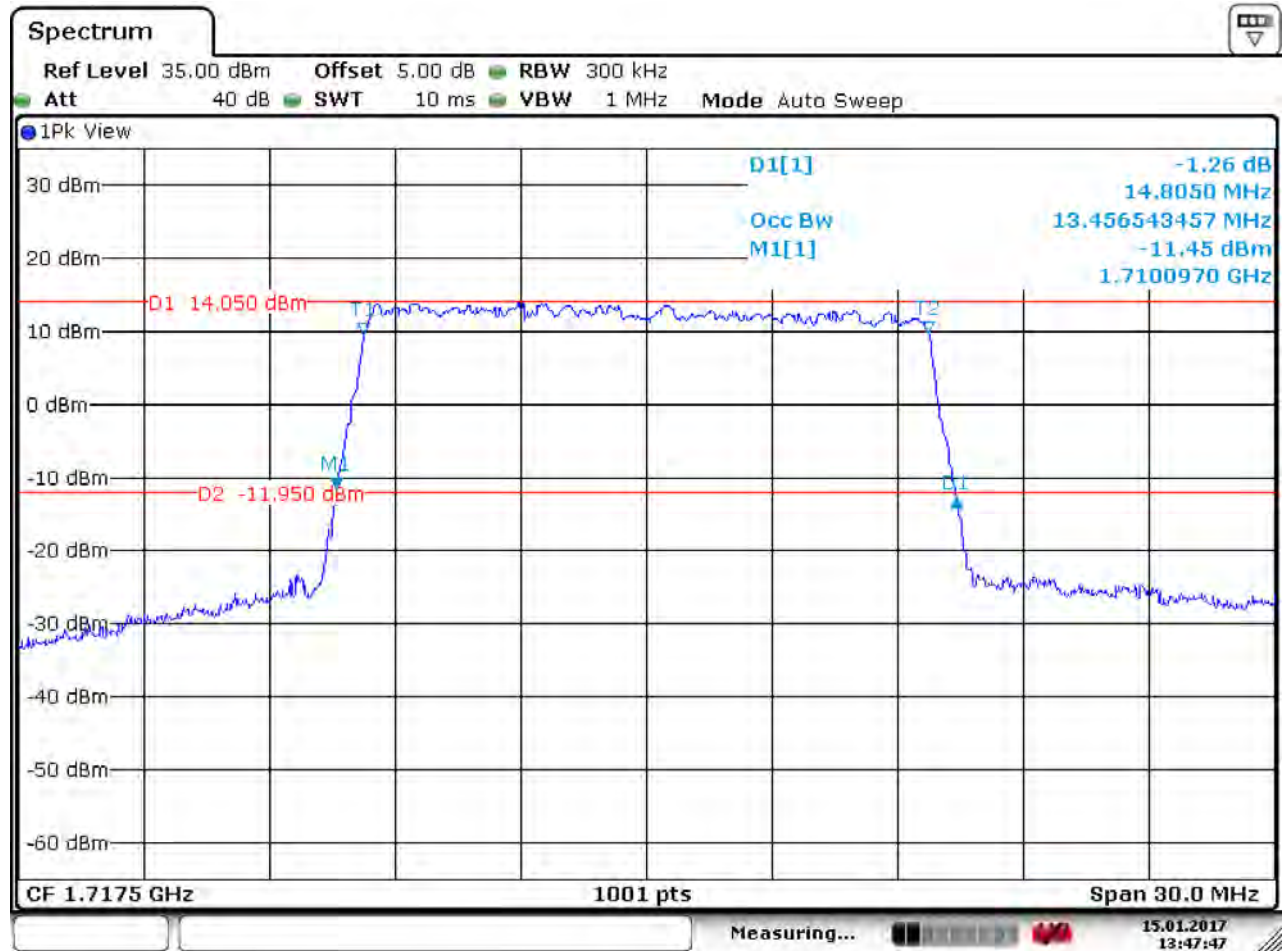
Date: 12 JAN 2017 10:34:55

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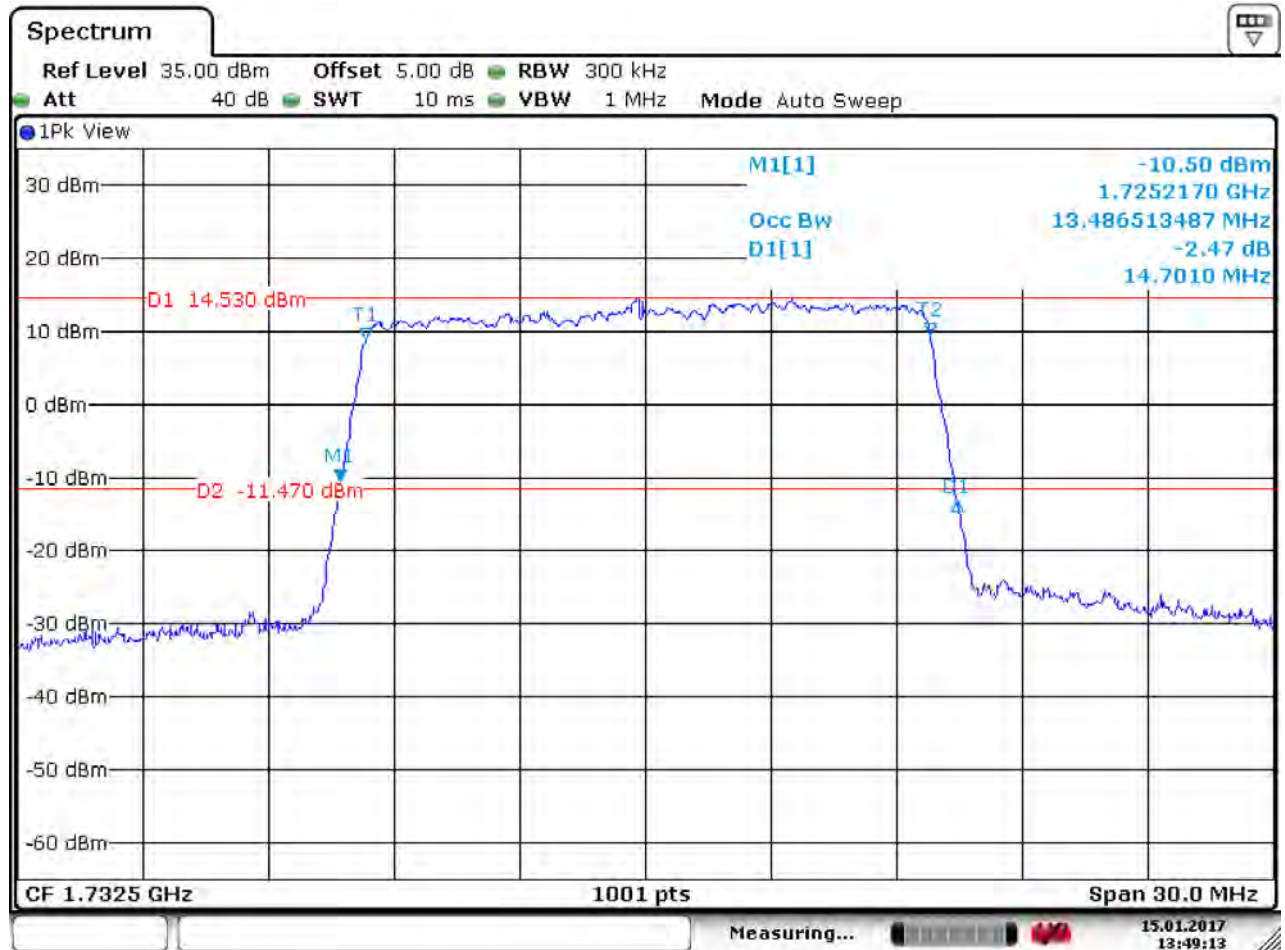
4.1.1.15 Test Mode = LTE/TM3 15MHz

4.1.1.15.1 Test Channel = LCH



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

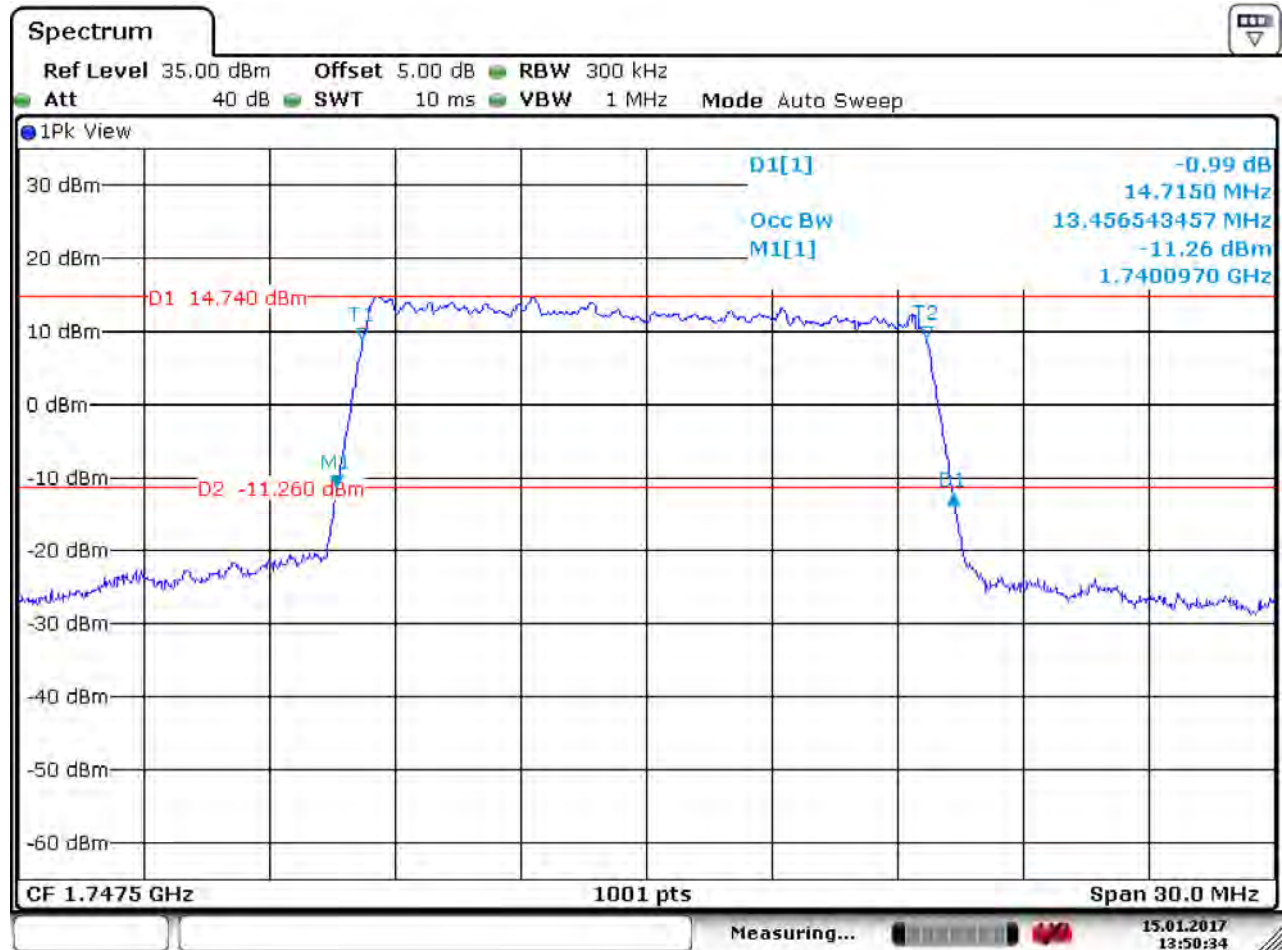
4.1.1.15.2 Test Channel = MCH



Date: 15.JAN.2017 13:49:14



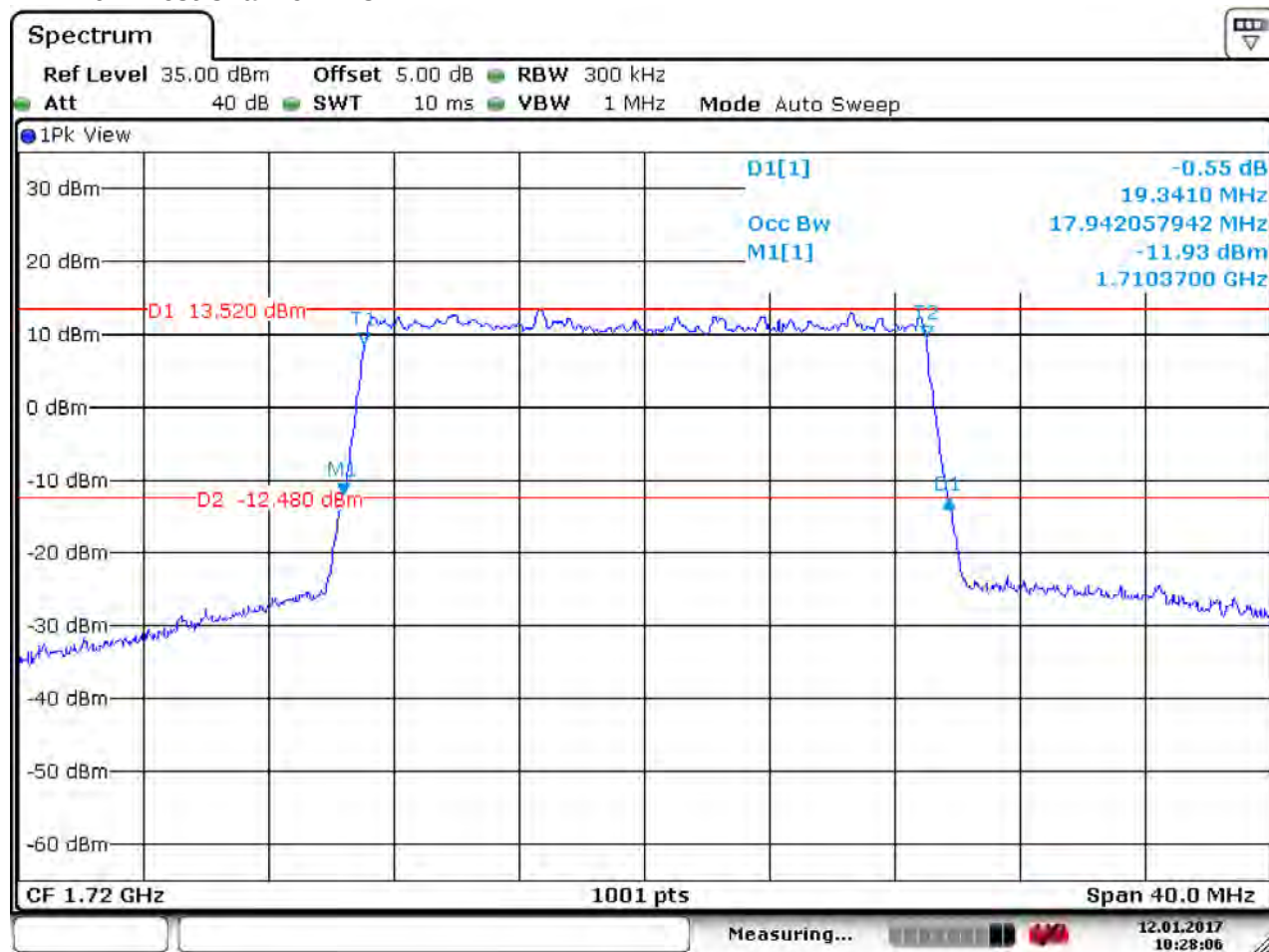
4.1.1.15.3 Test Channel = HCH



Date: 15.JAN.2017 13:50:34

4.1.1.16 Test Mode = LTE/TM1 20MHz

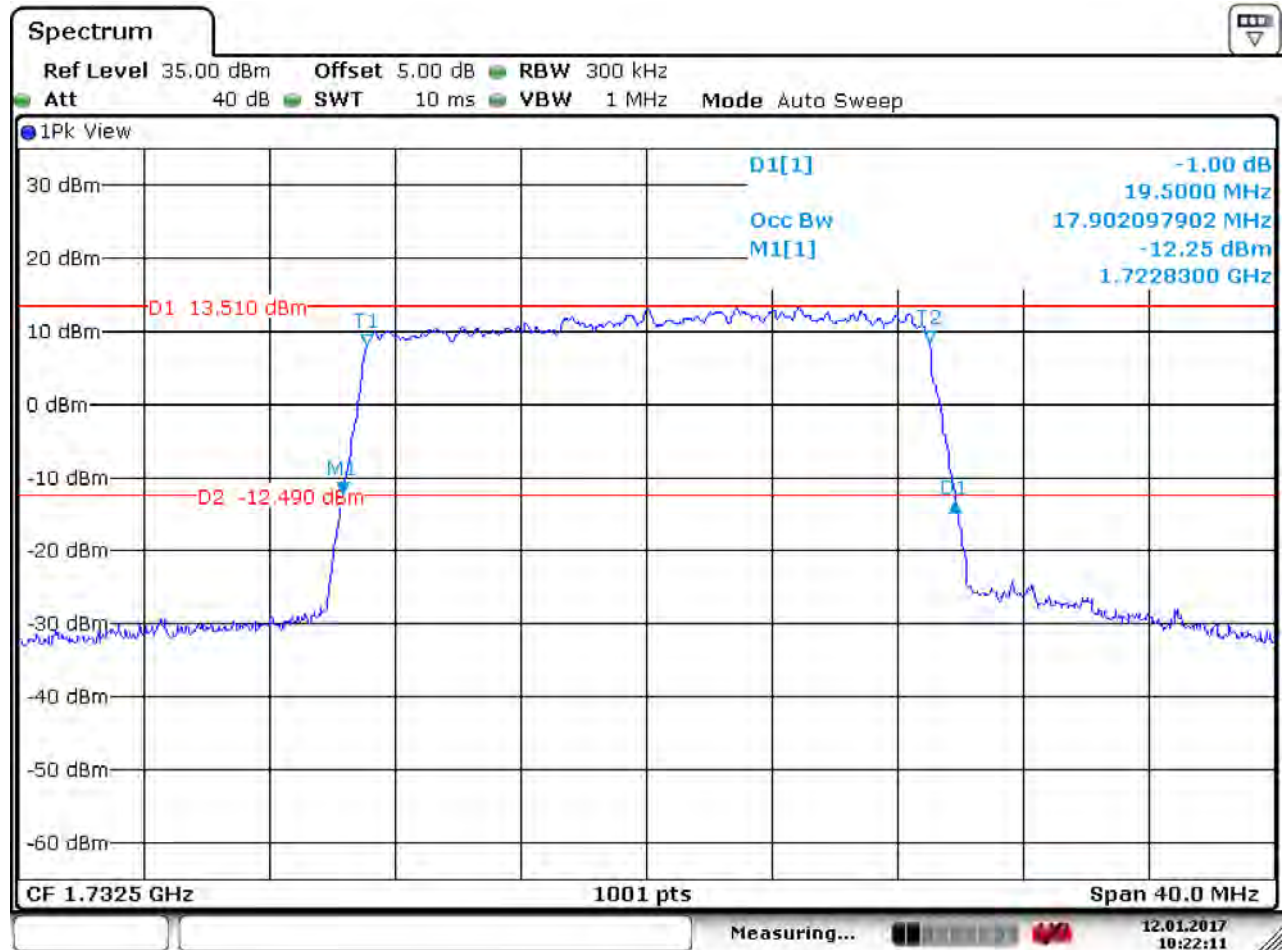
4.1.1.16.1 Test Channel = LCH



Date: 12 JAN 2017 10:28:07

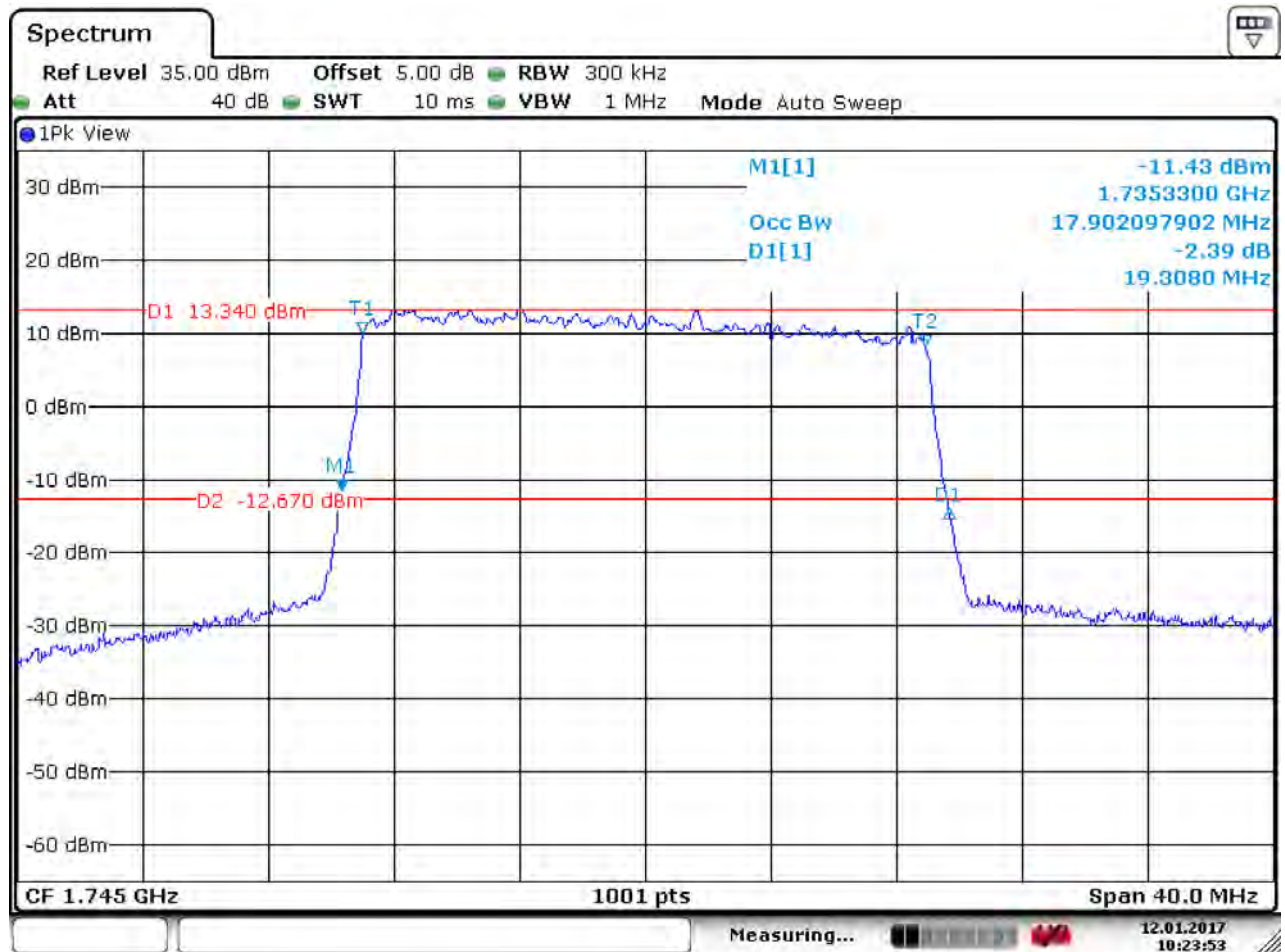
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4.1.1.16.2 Test Channel = MCH



Date: 12.JAN.2017 10:22:12

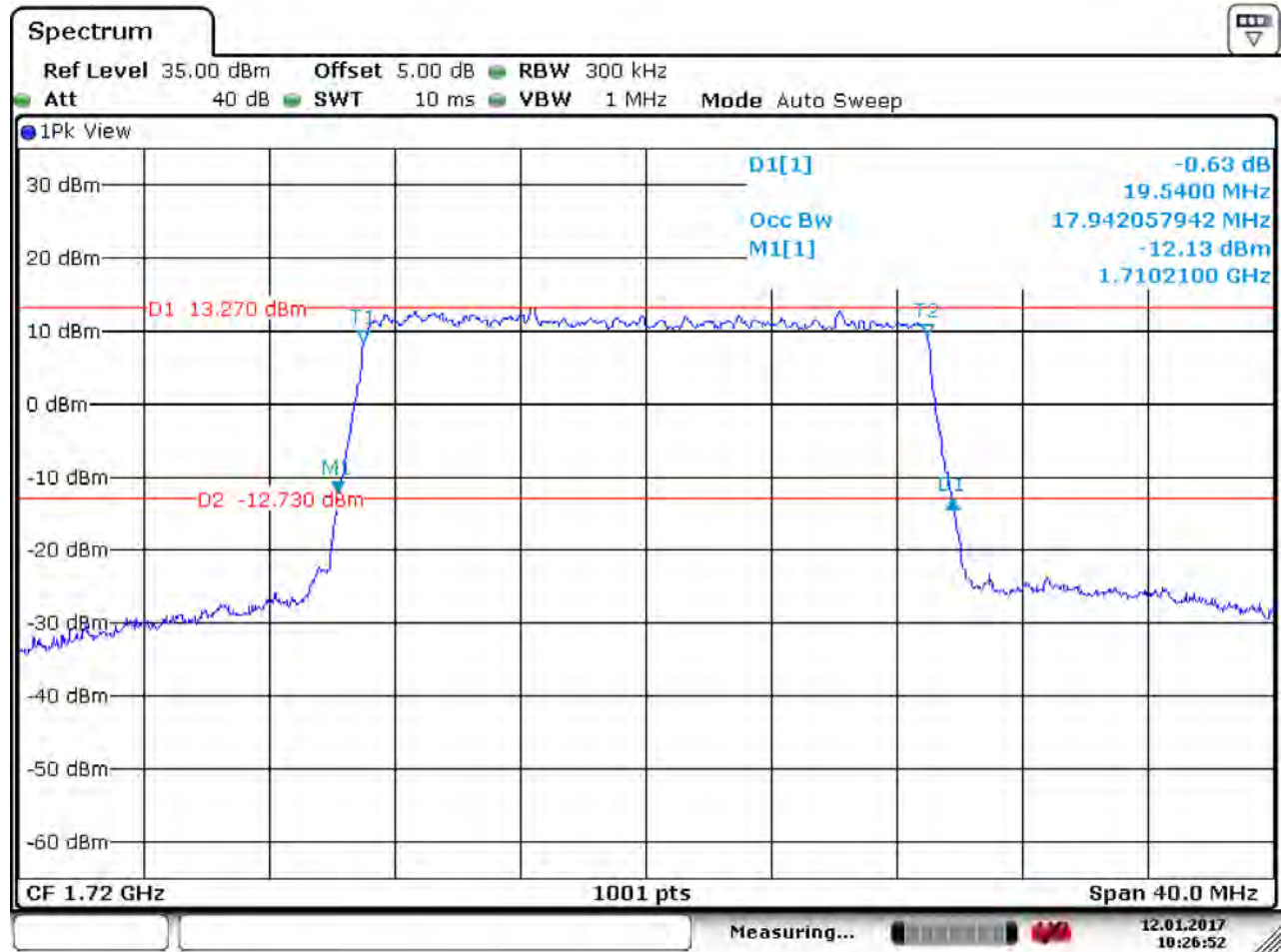
4.1.1.16.3 Test Channel = HCH



Date: 12.JAN.2017 10:23:53

4.1.1.17 Test Mode = LTE/TM2 20MHz

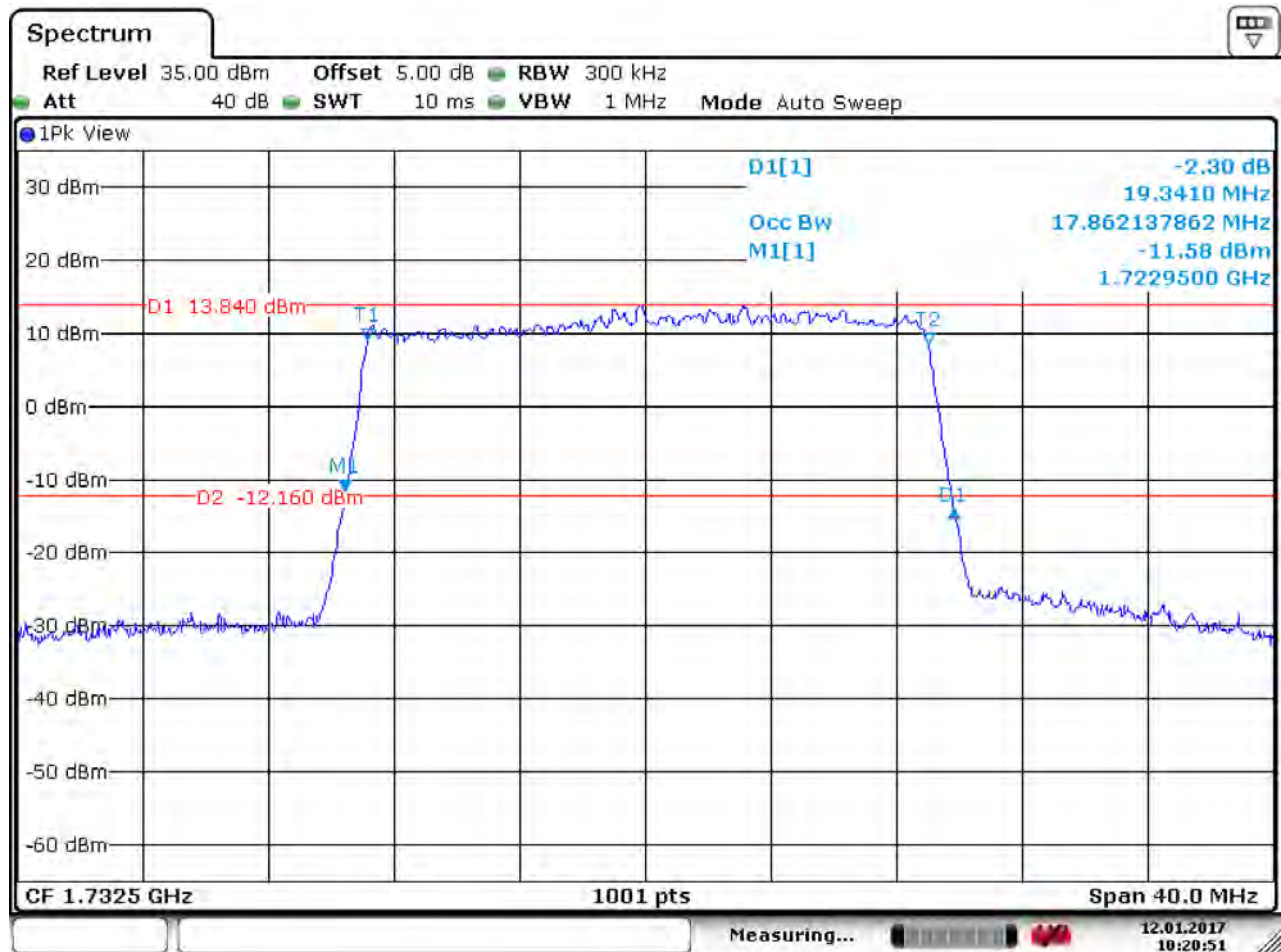
4.1.1.17.1 Test Channel = LCH



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



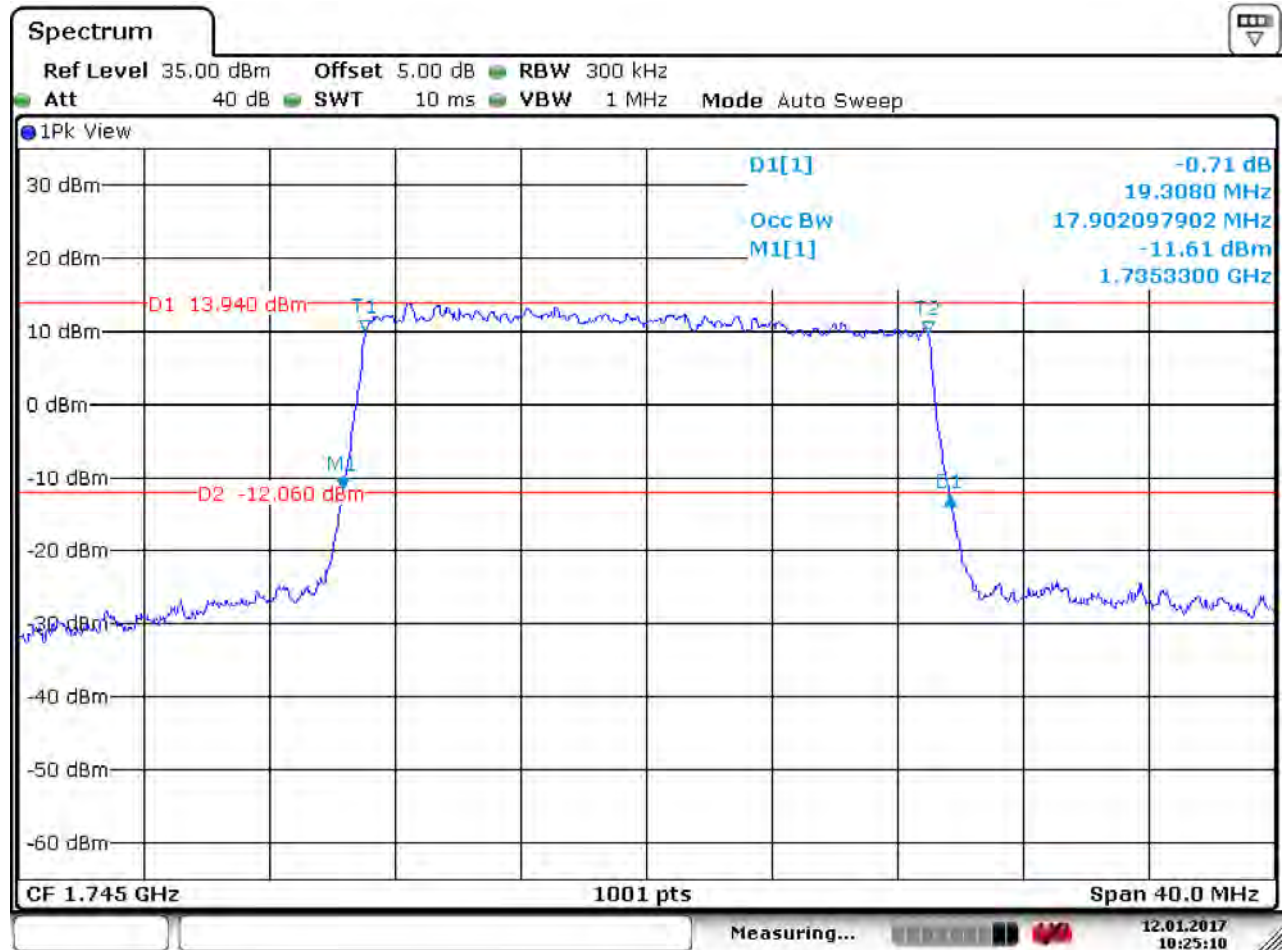
4.1.1.17.2 Test Channel = MCH



Date: 12.JAN.2017 10:20:51



4.1.1.17.3 Test Channel = HCH

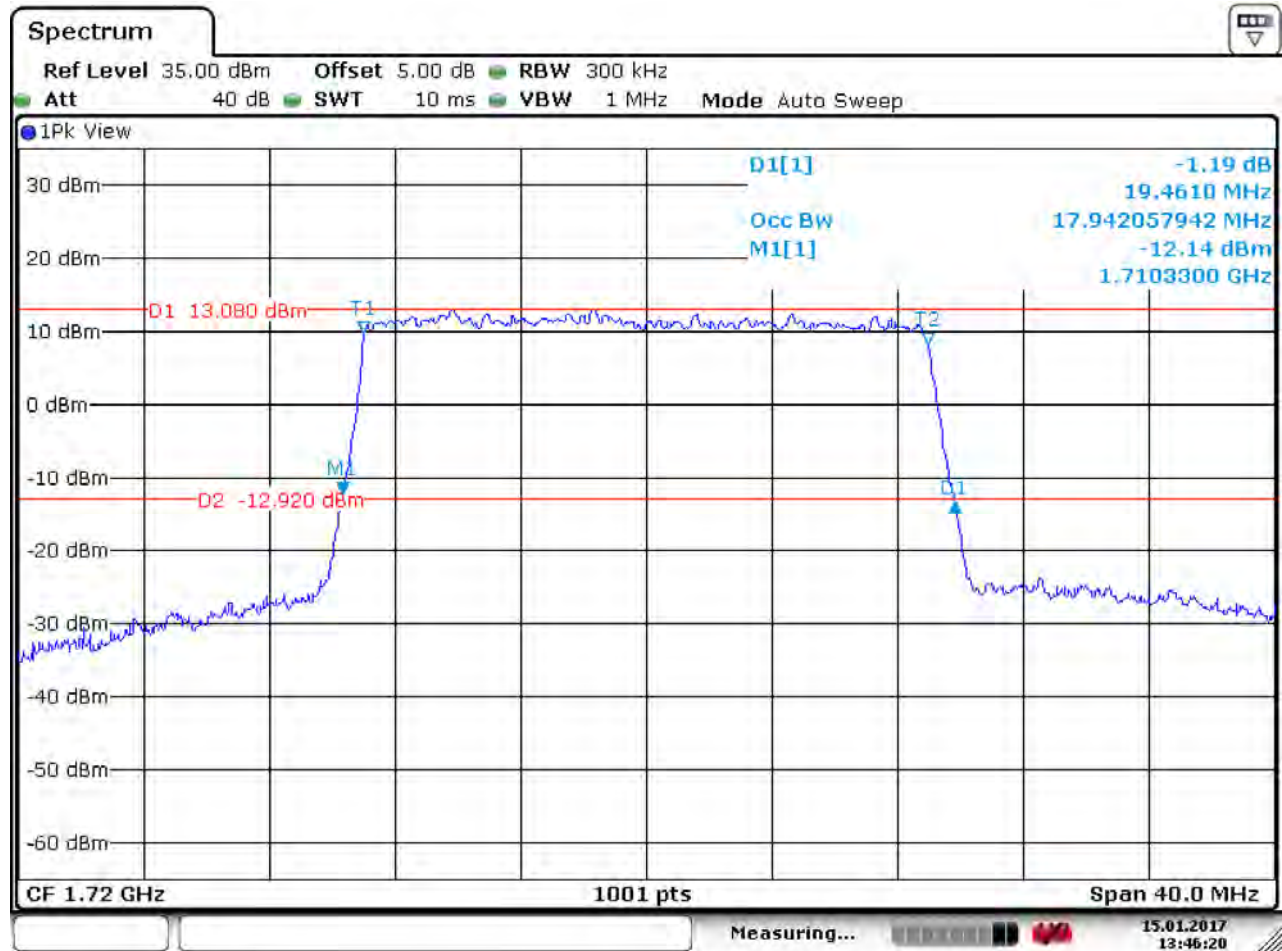


Date: 12.JAN.2017 10:25:10



4.1.1.18 Test Mode = LTE/TM3 20MHz

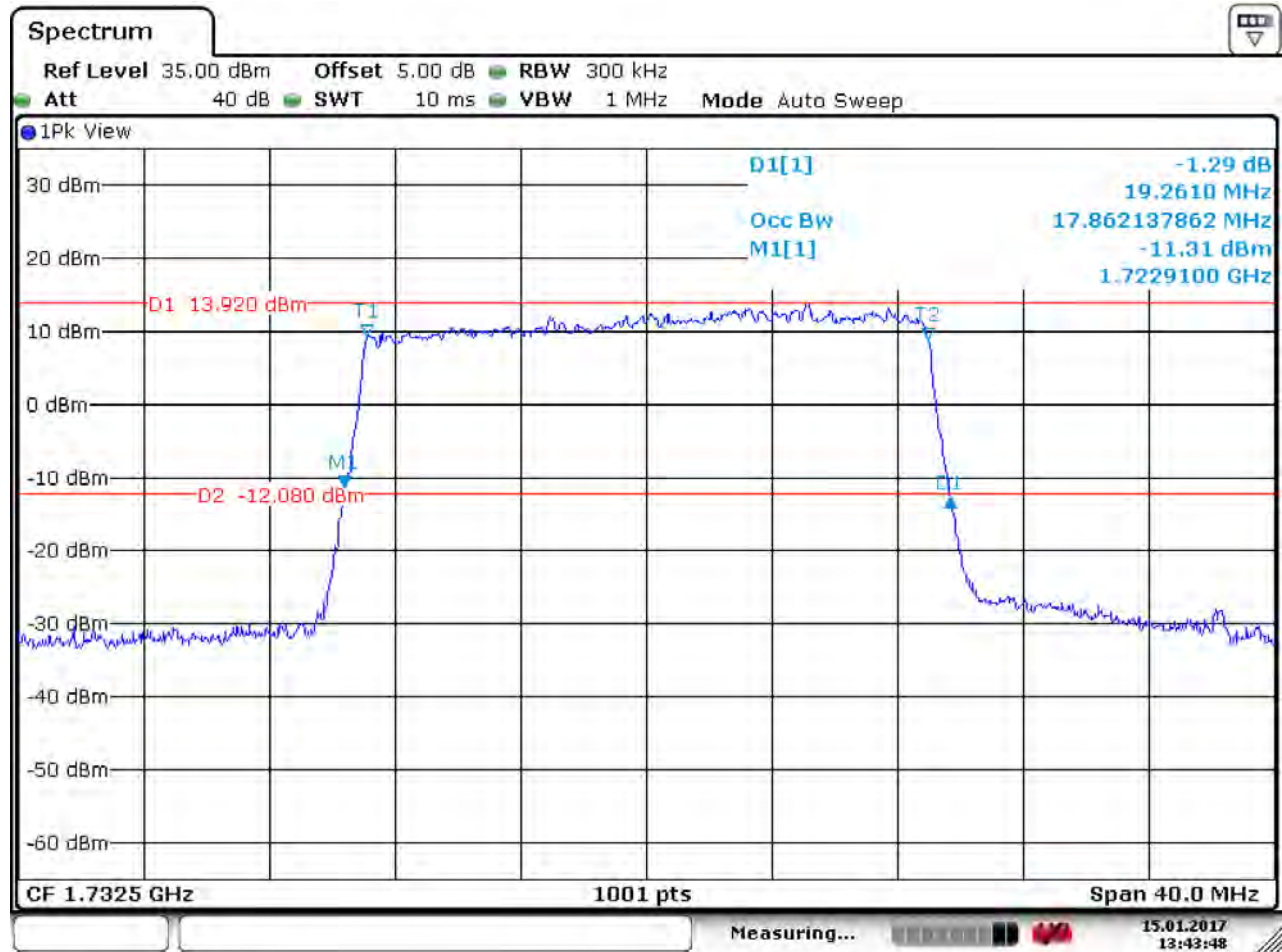
4.1.1.18.1 Test Channel = LCH



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



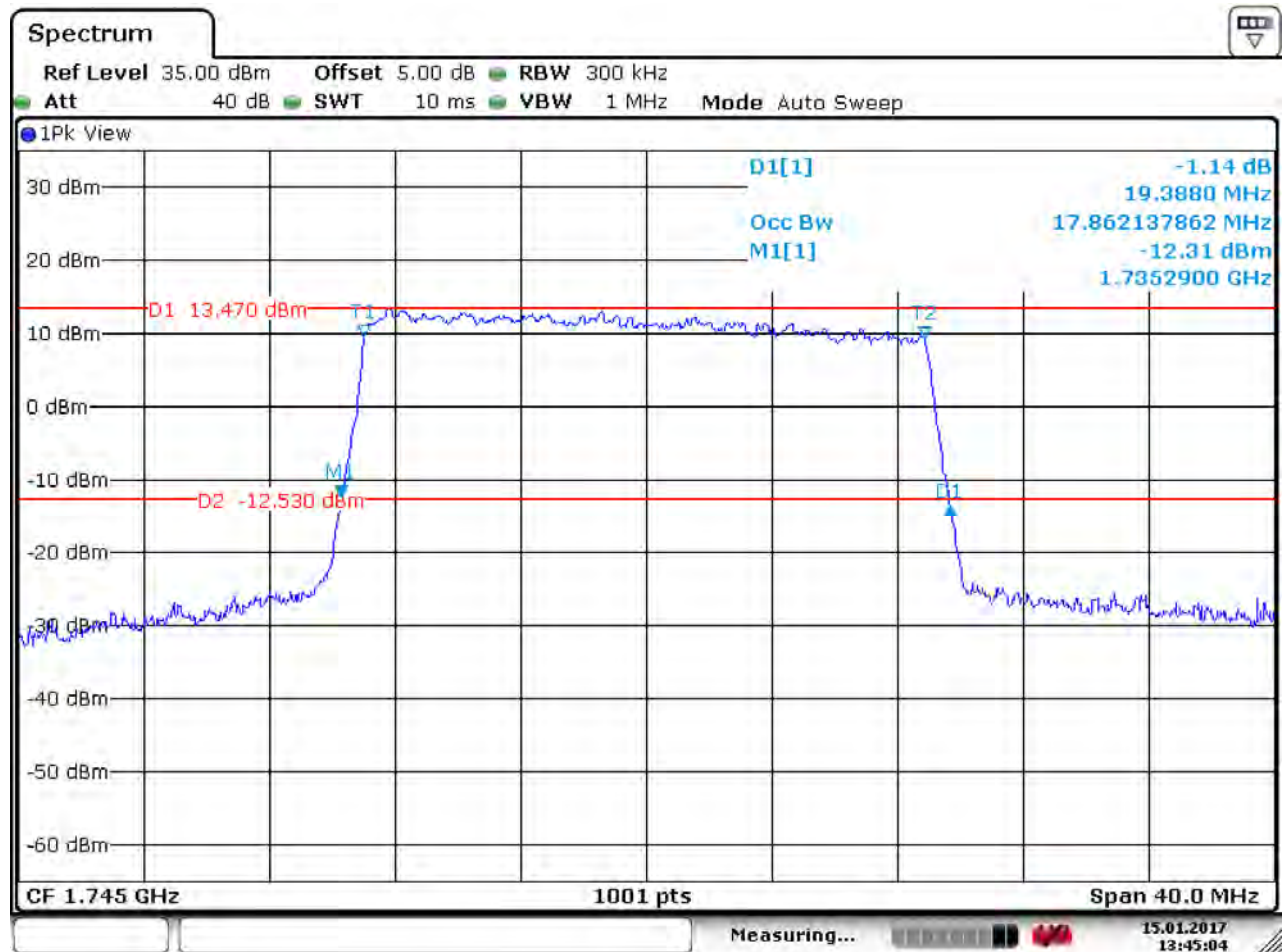
4.1.1.18.2 Test Channel = MCH



Date: 15.JAN.2017 13:43:49



4.1.1.18.3 Test Channel = HCH



Date: 15.JAN.2017 13:45:05

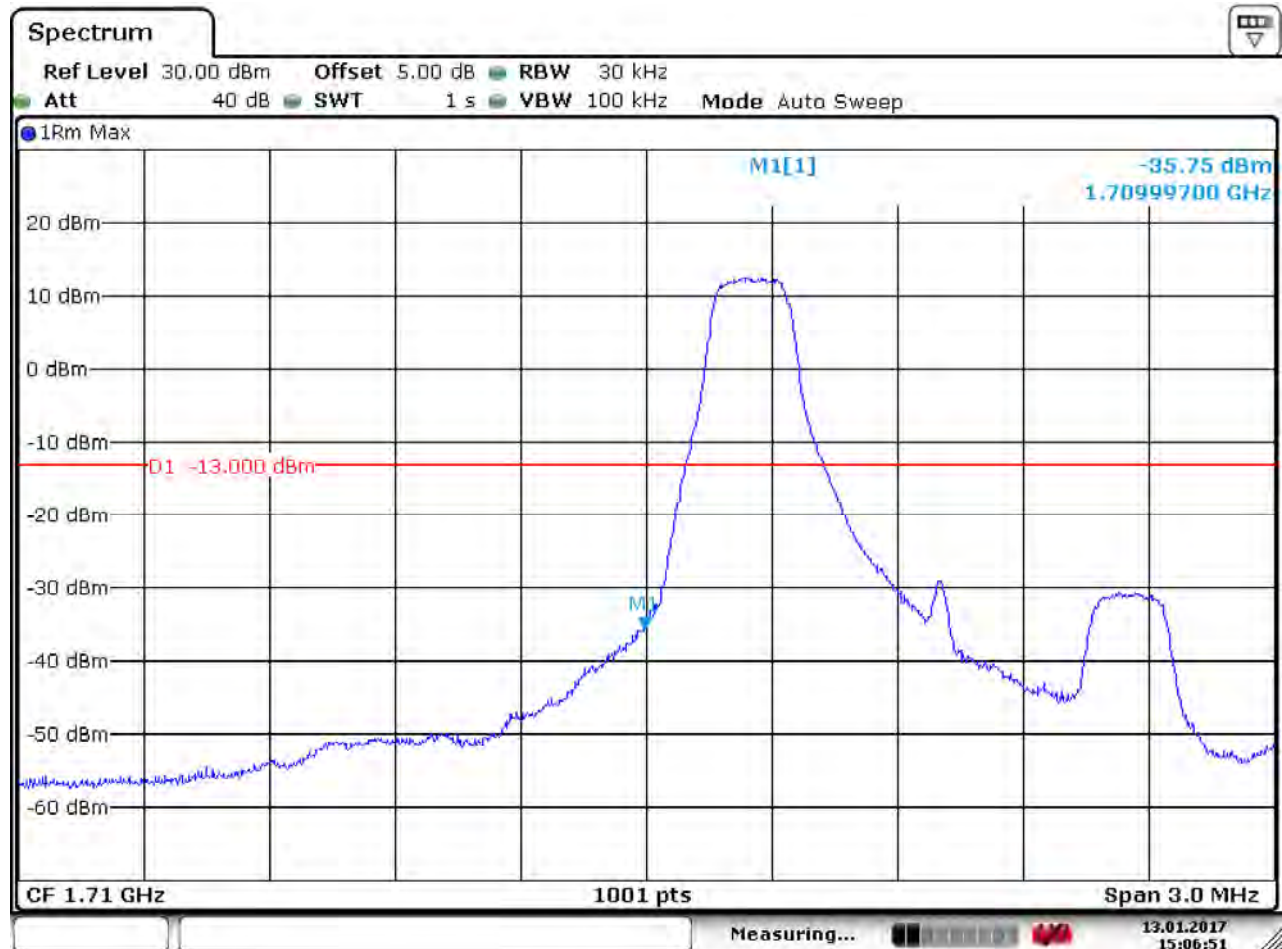
5 Band Edges Compliance

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

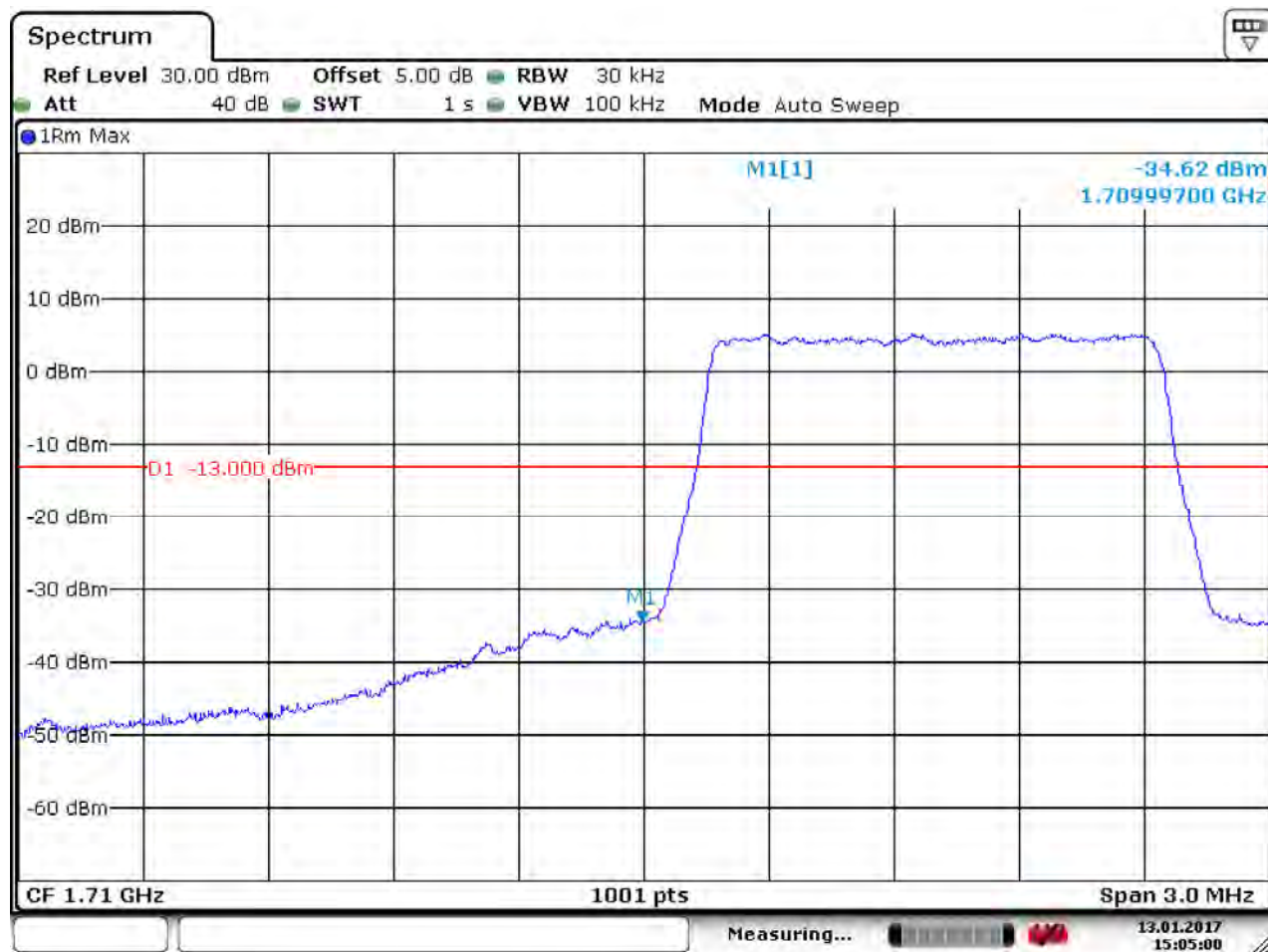
5.1.1.1.1.1 Test RB=1RB



Date: 13.JAN.2017 15:06:51

5.1.1.1.1.2 Test RB=6RB

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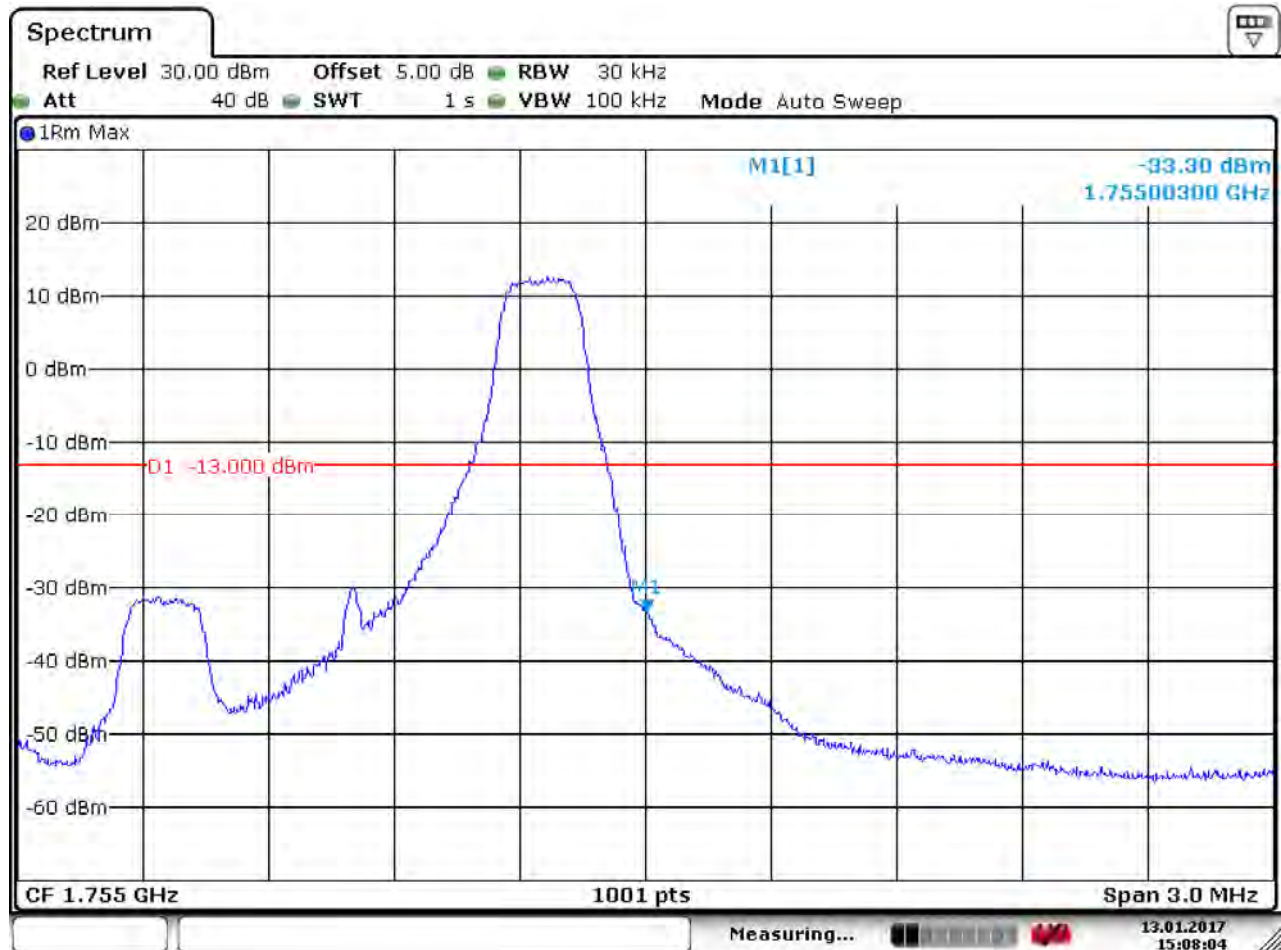


Date: 13.JAN.2017 15:05:01



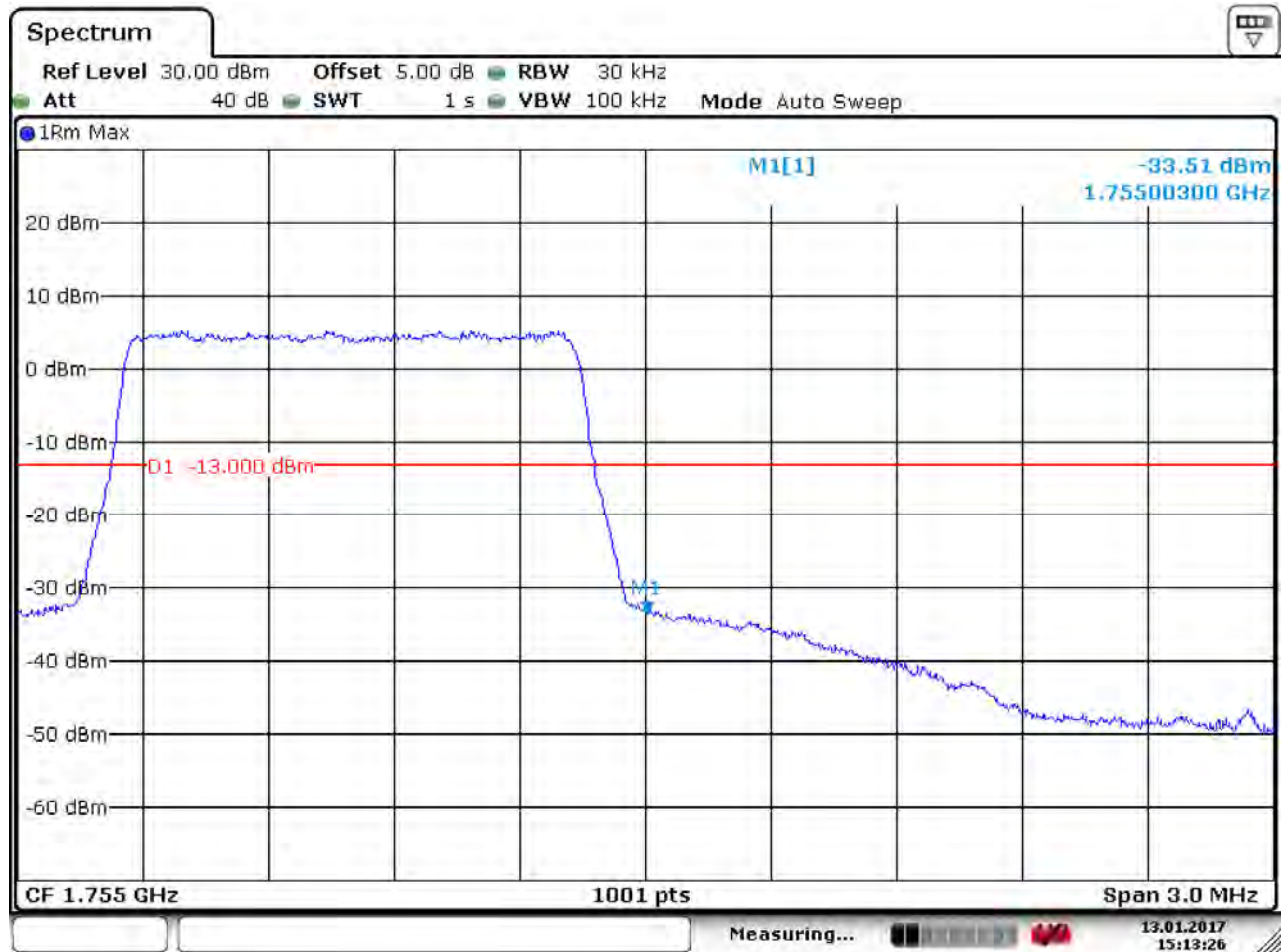
5.1.1.1.2 Test Channel = HCH

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



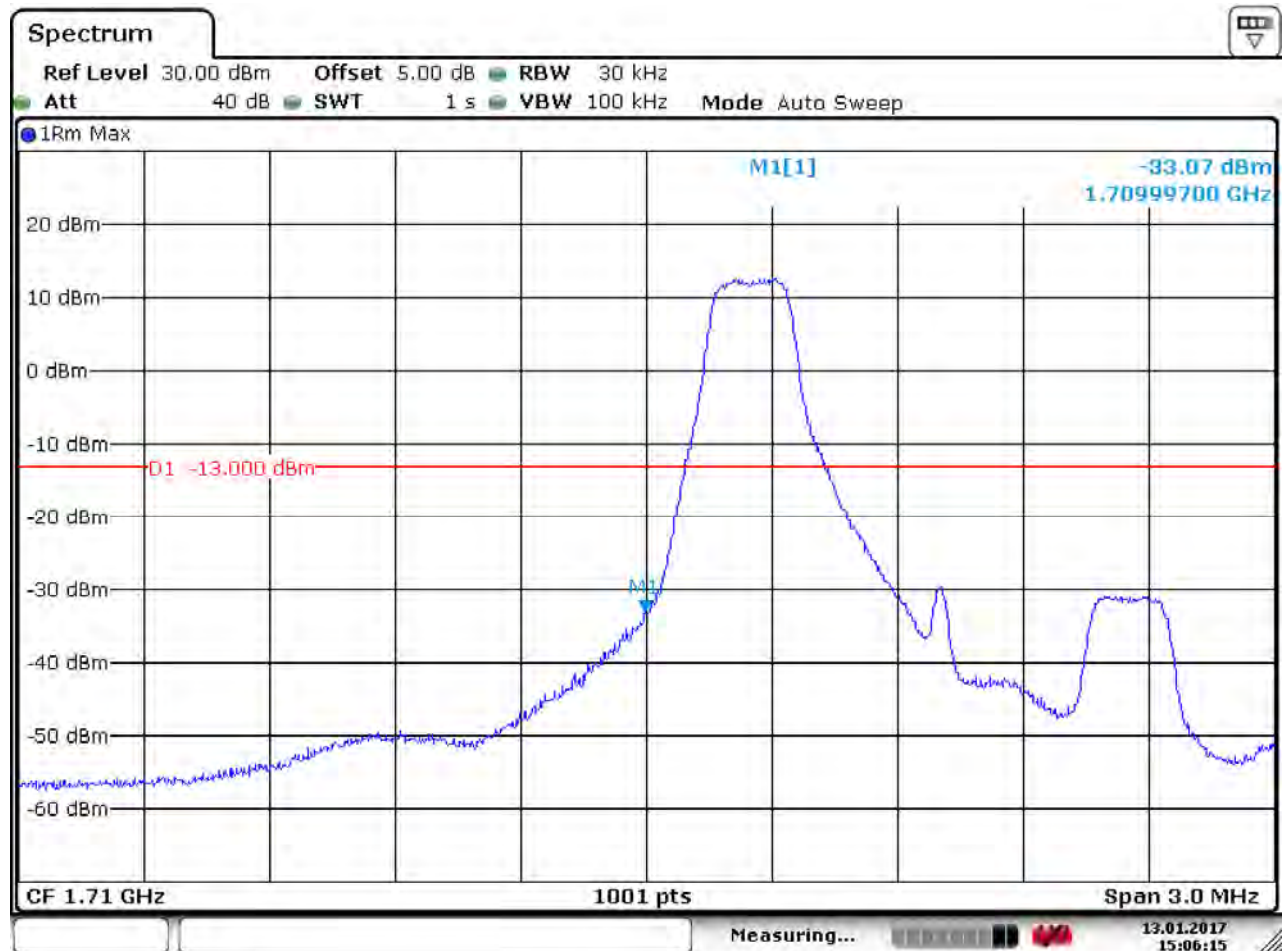
Date: 13.JAN.2017 15:13:27



5.1.1.2 Test Mode = LTE/TM2 1.4MHz

5.1.1.2.1 Test Channel = LCH

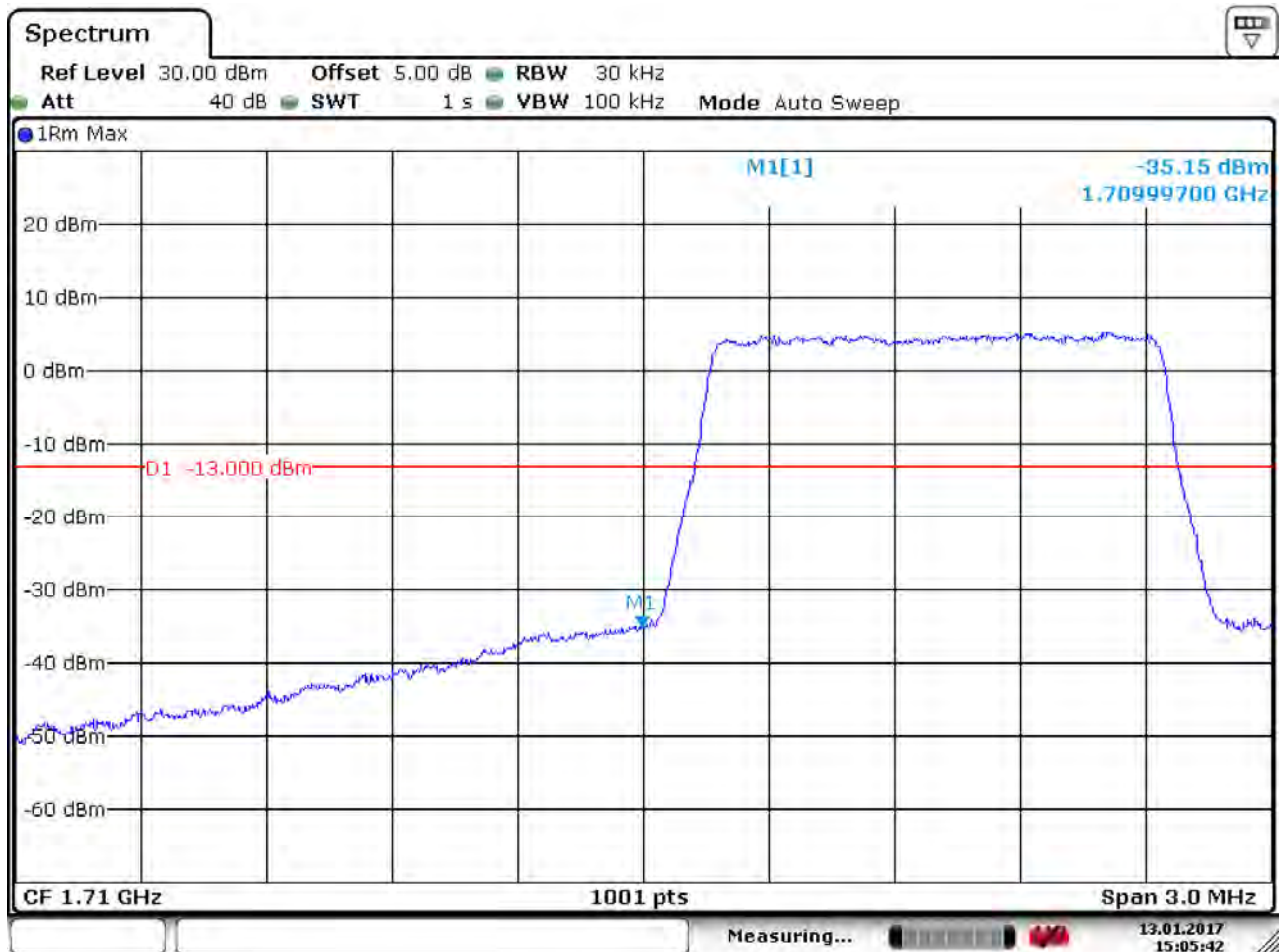
5.1.1.2.1.1 Test RB=1RB



Date: 13.JAN.2017 15:06:16



5.1.1.2.1.2 Test RB=6RB

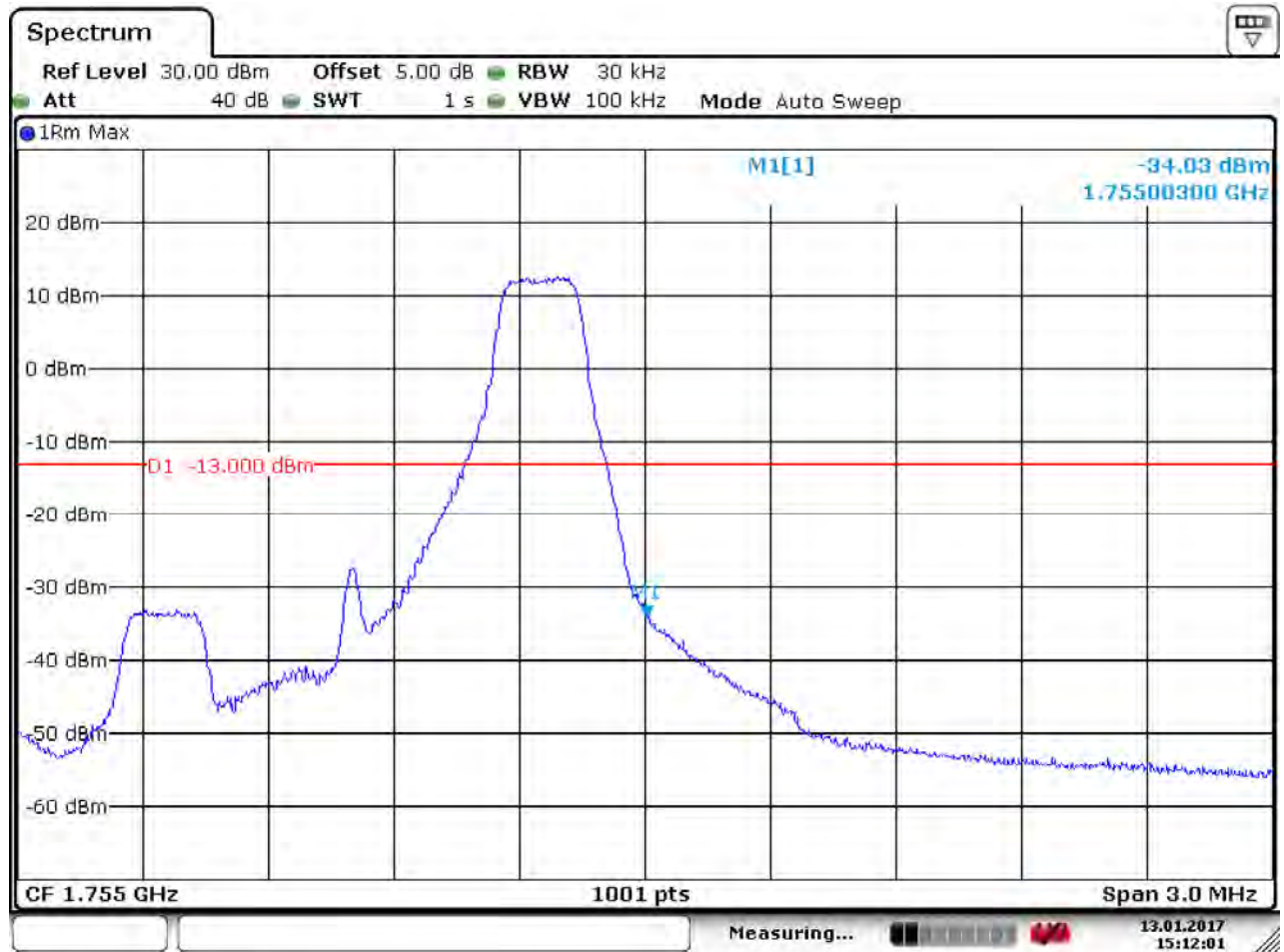


Date: 13.JAN.2017 15:05:42



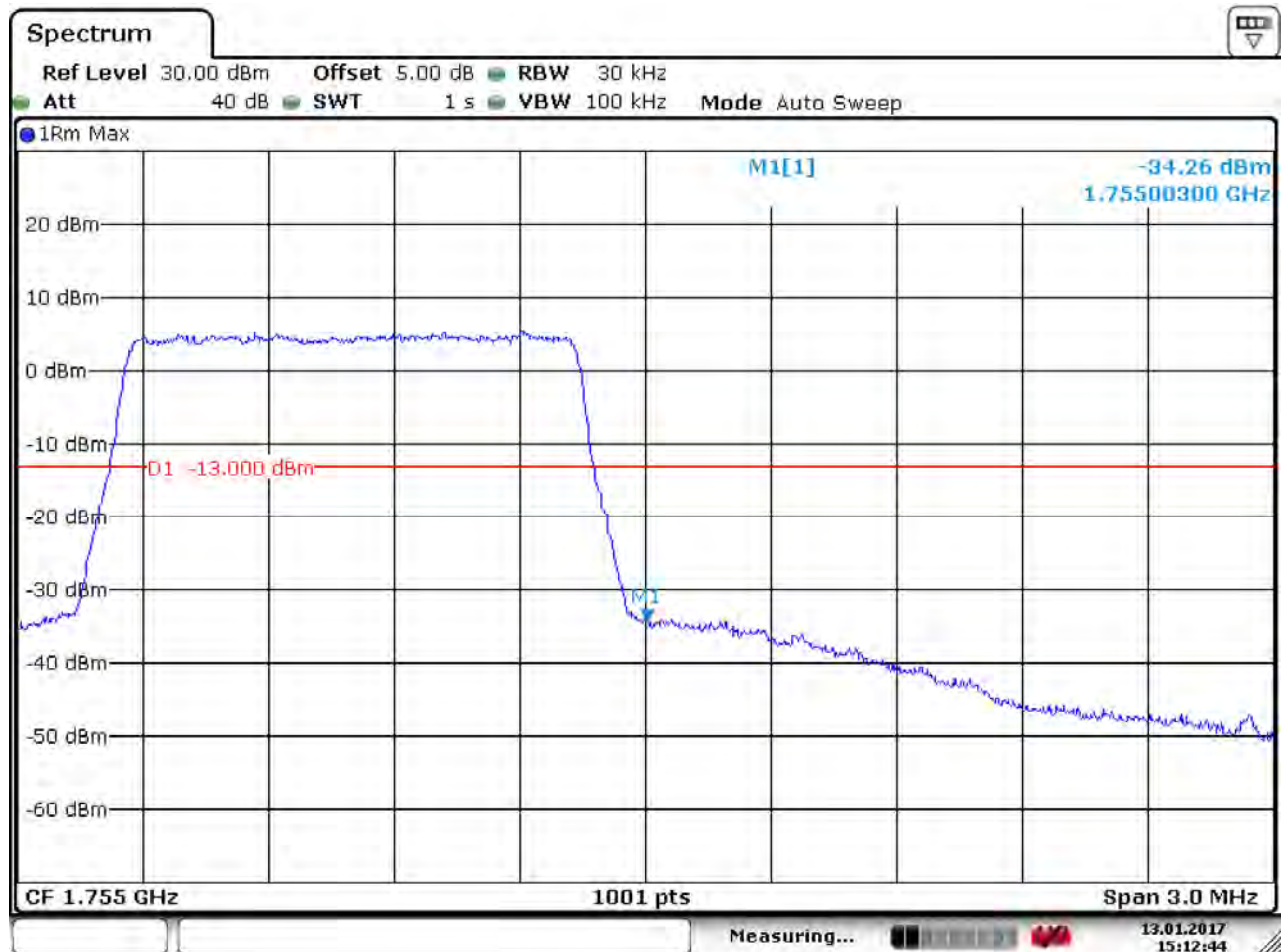
5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB=1RB



Date: 13.JAN.2017 15:12:01

5.1.1.2.2.2 Test RB=6RB

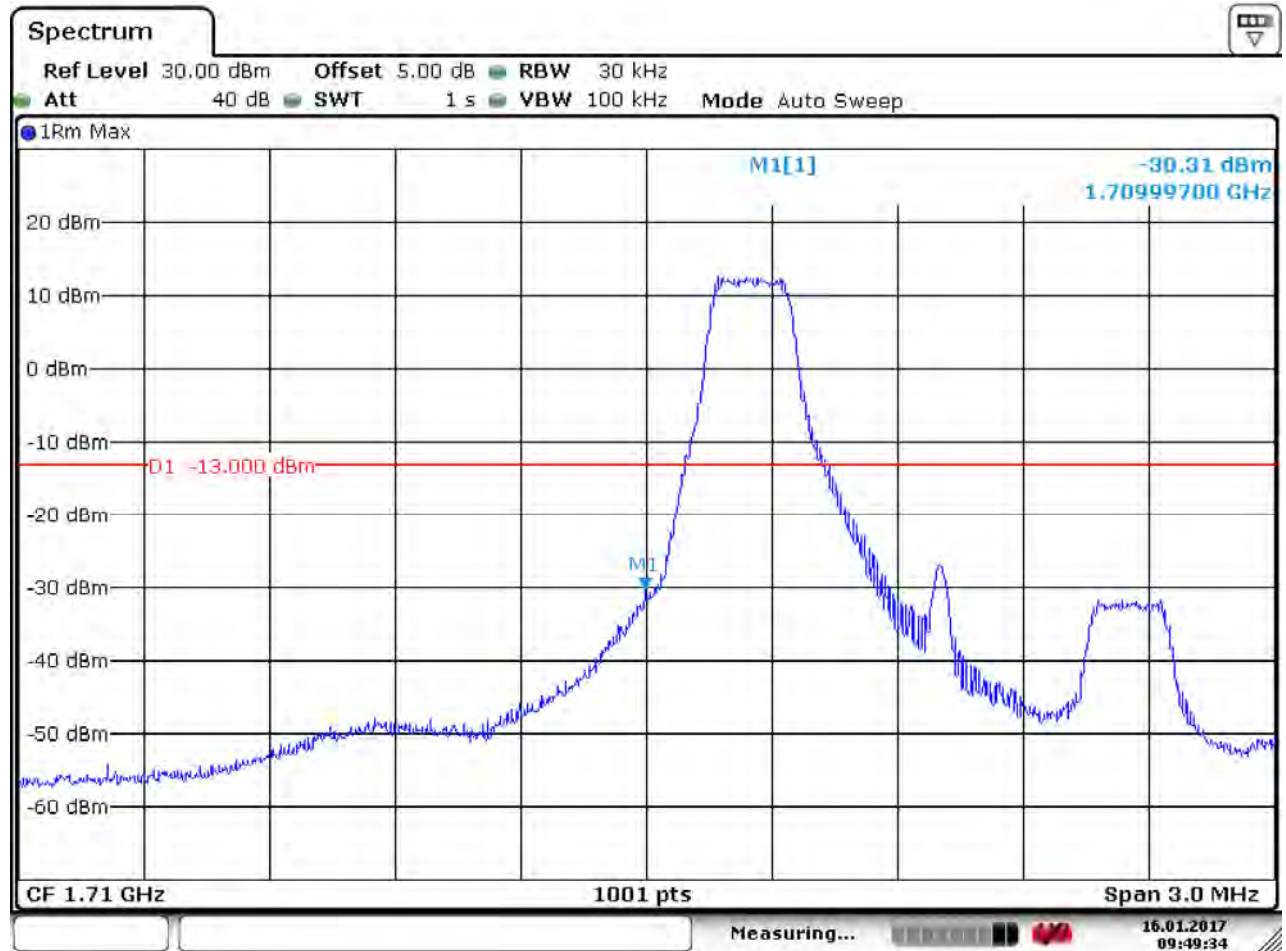


Date: 13.JAN.2017 15:12:44

5.1.1.3 Test Mode = LTE/TM3 1.4MHz

5.1.1.3.1 Test Channel = LCH

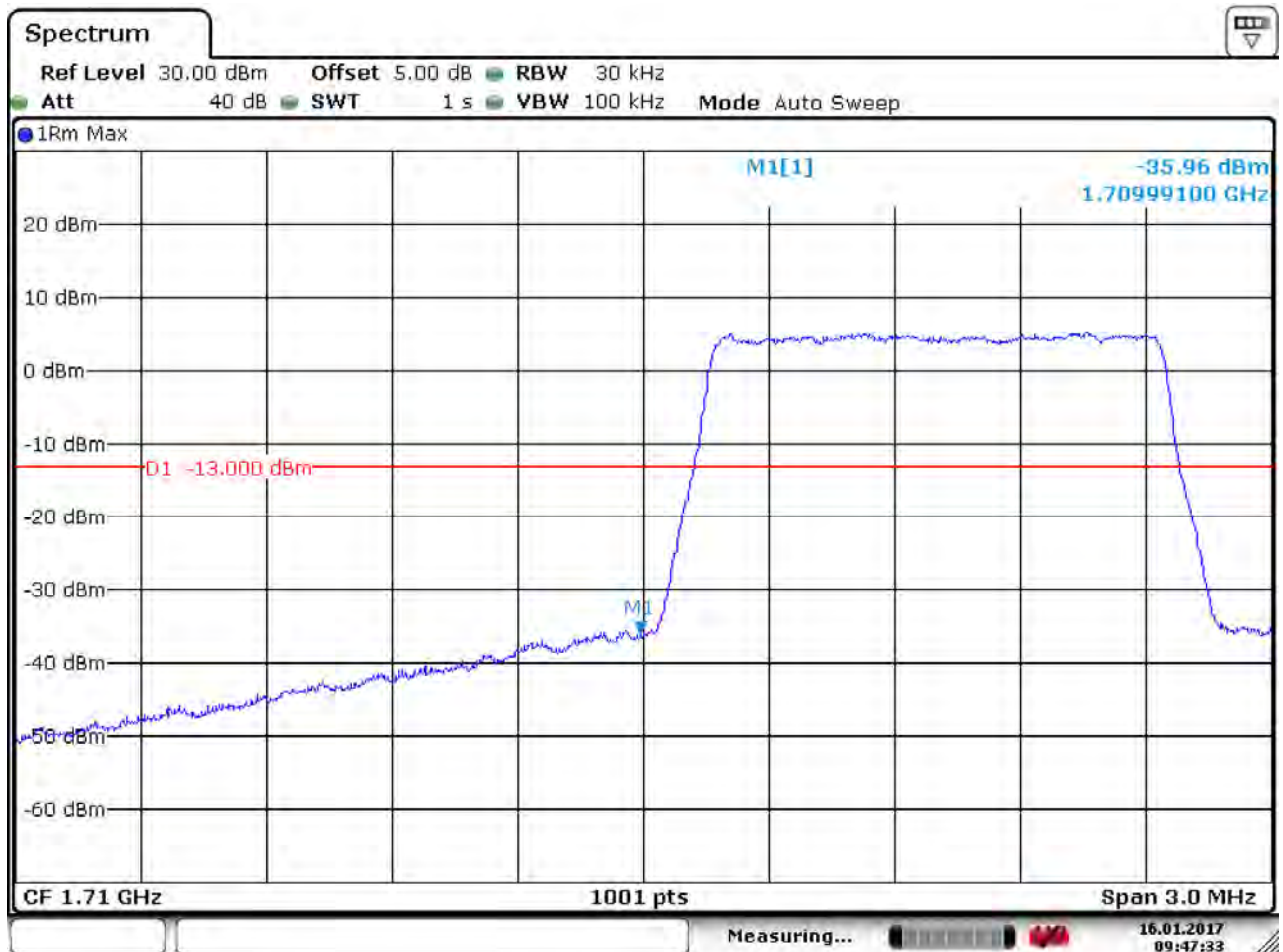
5.1.1.3.1.1 Test RB=1RB



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



5.1.1.3.1.2 Test RB=6RB

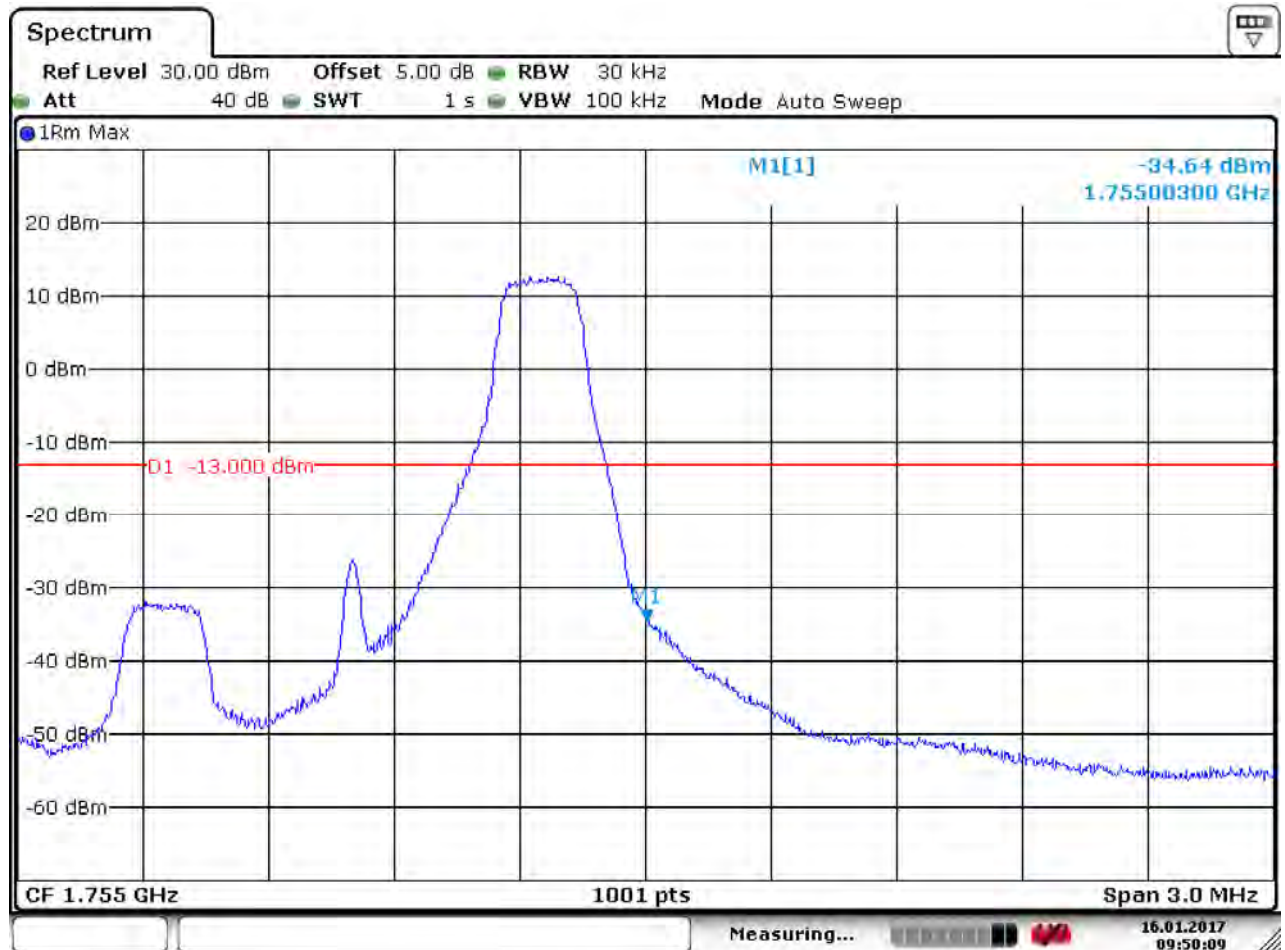


Date: 16.JAN.2017 09:47:34



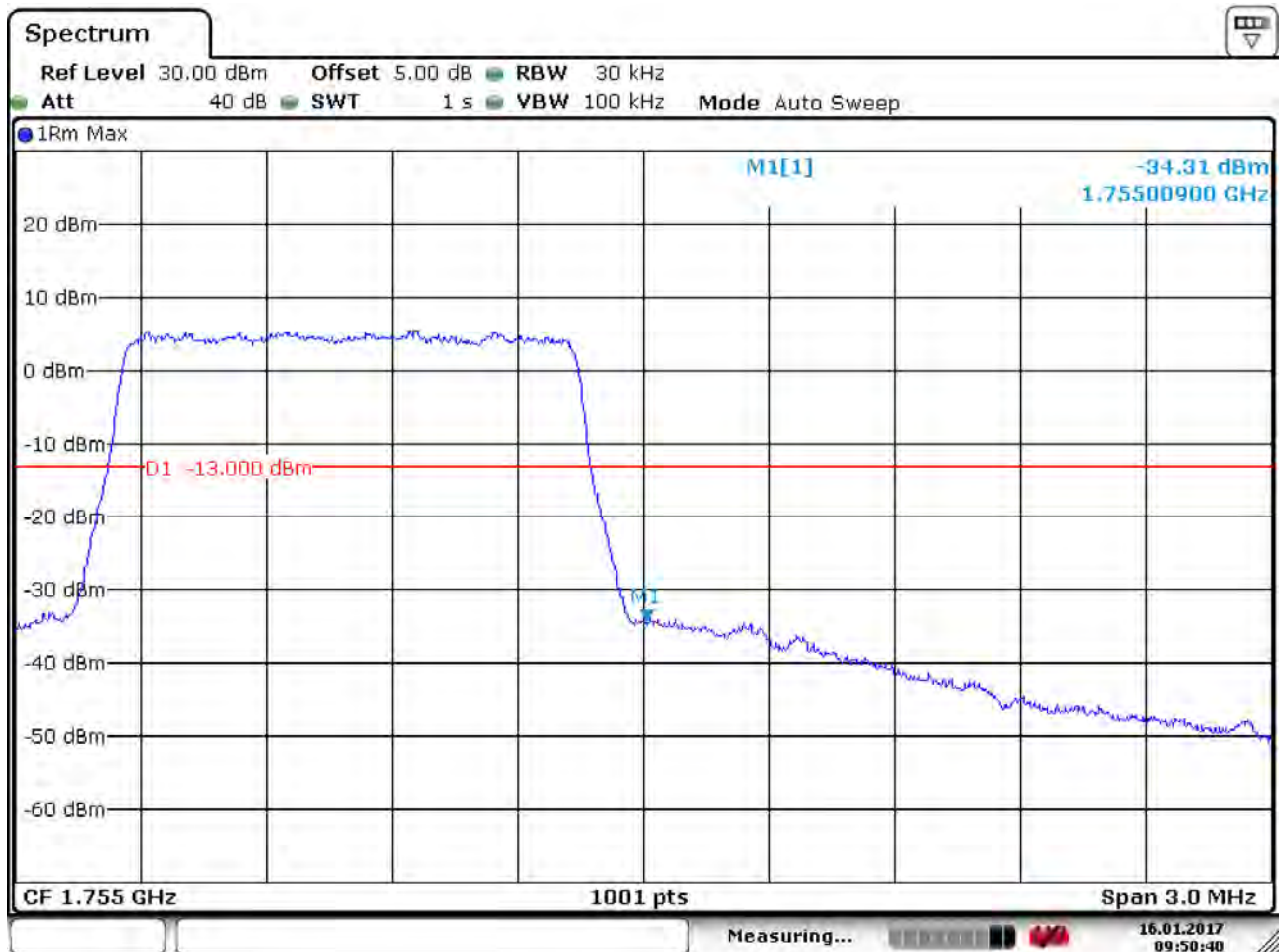
5.1.1.3.2 Test Channel = HCH

5.1.1.3.2.1 Test RB=1RB



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

5.1.1.3.2.2 Test RB=6RB

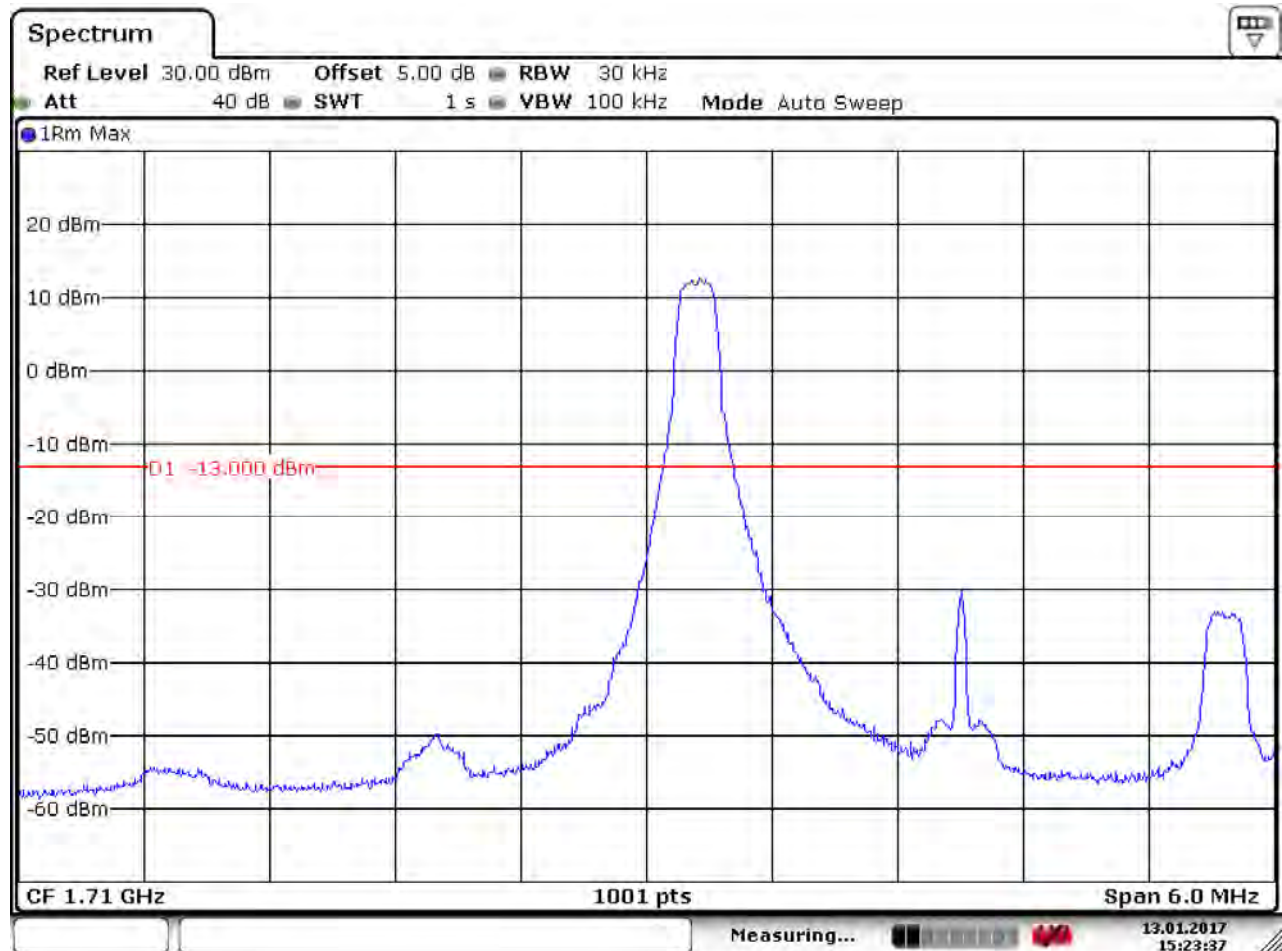


Date: 16.JAN.2017 09:50:40

5.1.1.4 Test Mode = LTE/TM1 3MHz

5.1.1.4.1 Test Channel = LCH

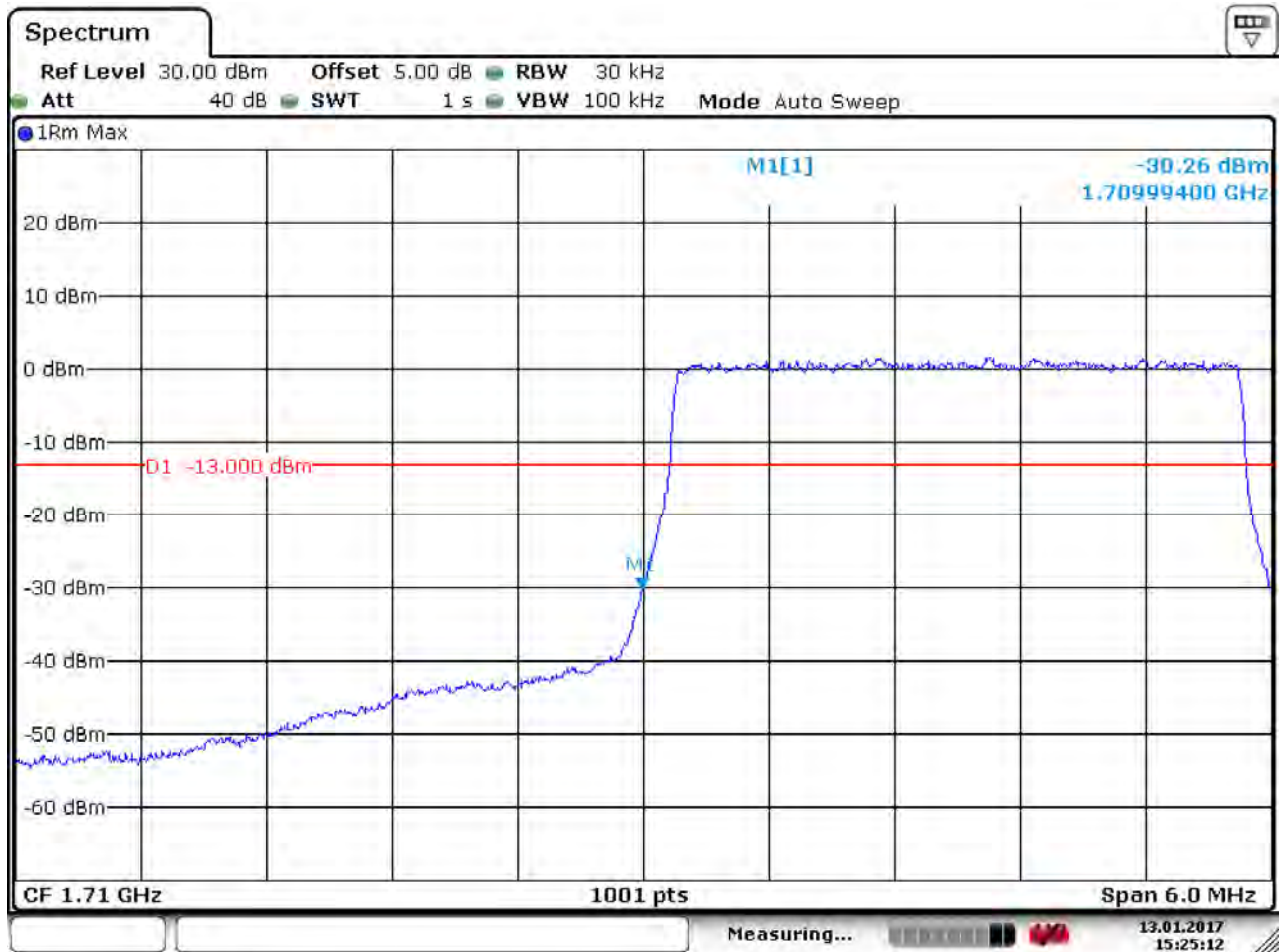
5.1.1.4.1.1 Test RB=1RB



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



5.1.1.4.1.2 Test RB=15RB

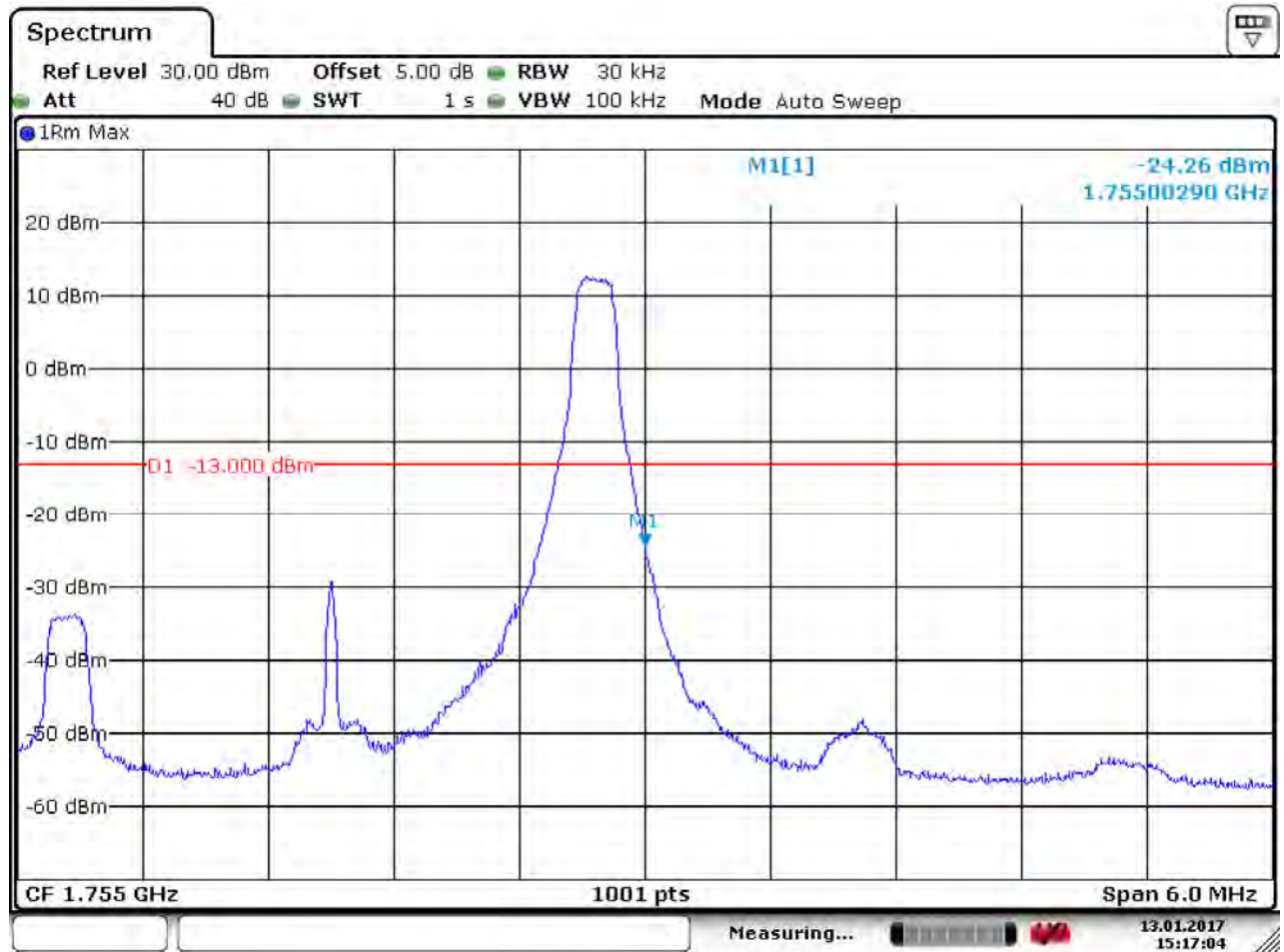


Date: 13.JAN.2017 15:25:12



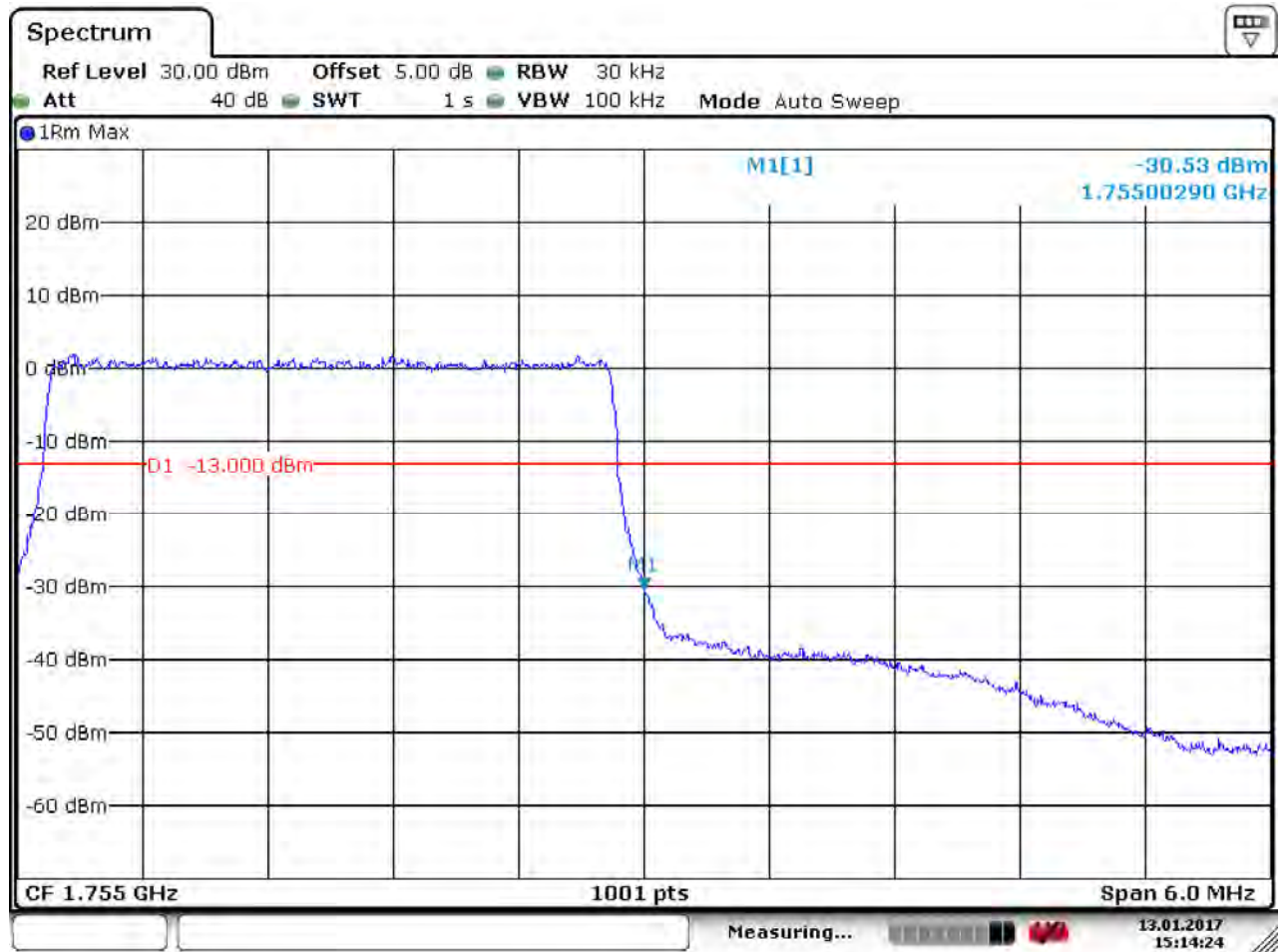
5.1.1.4.2 Test Channel = HCH

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



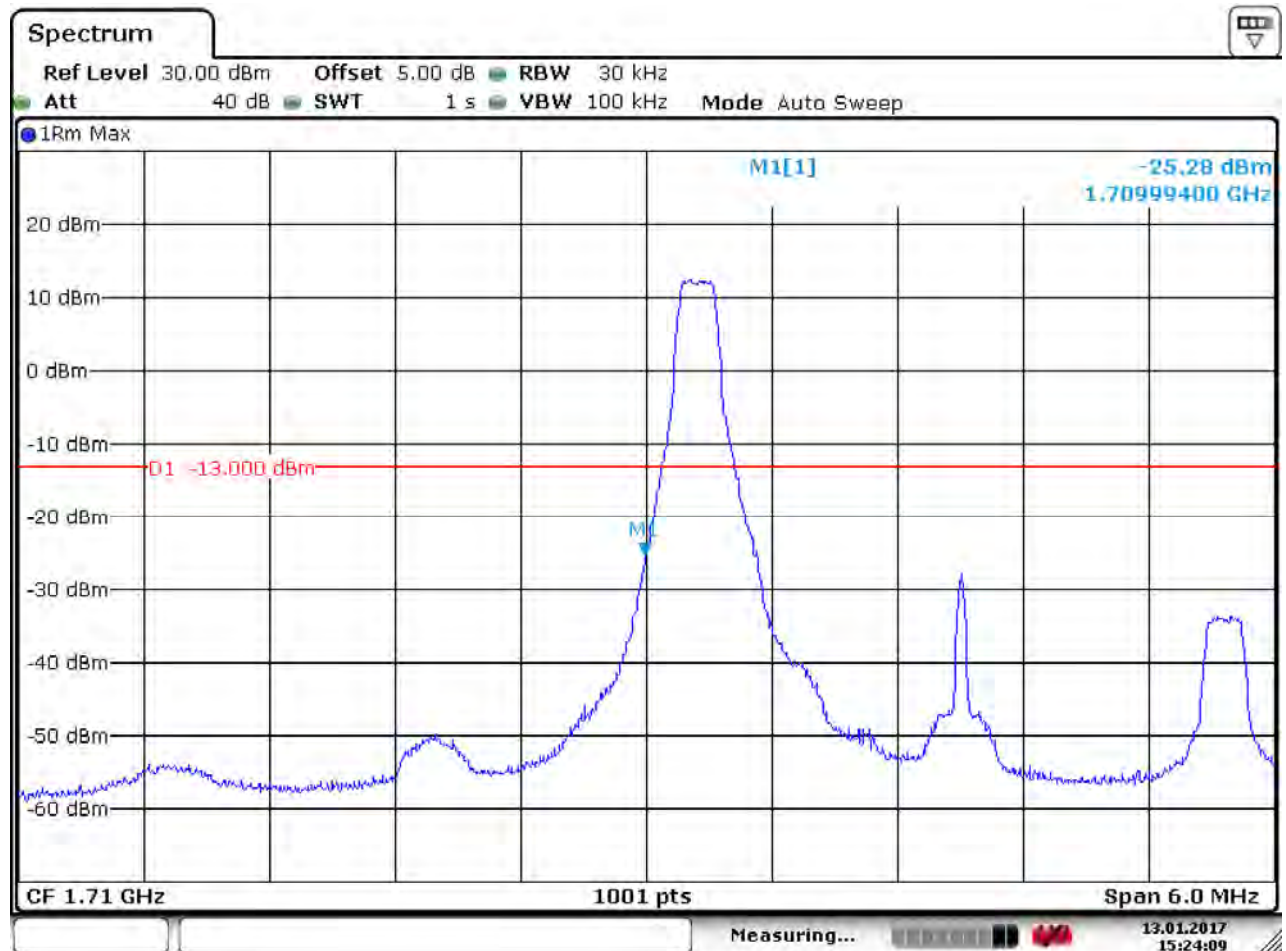
Date: 13.JAN.2017 15:14:24



5.1.1.5 Test Mode = LTE/TM2 3MHz

5.1.1.5.1 Test Channel = LCH

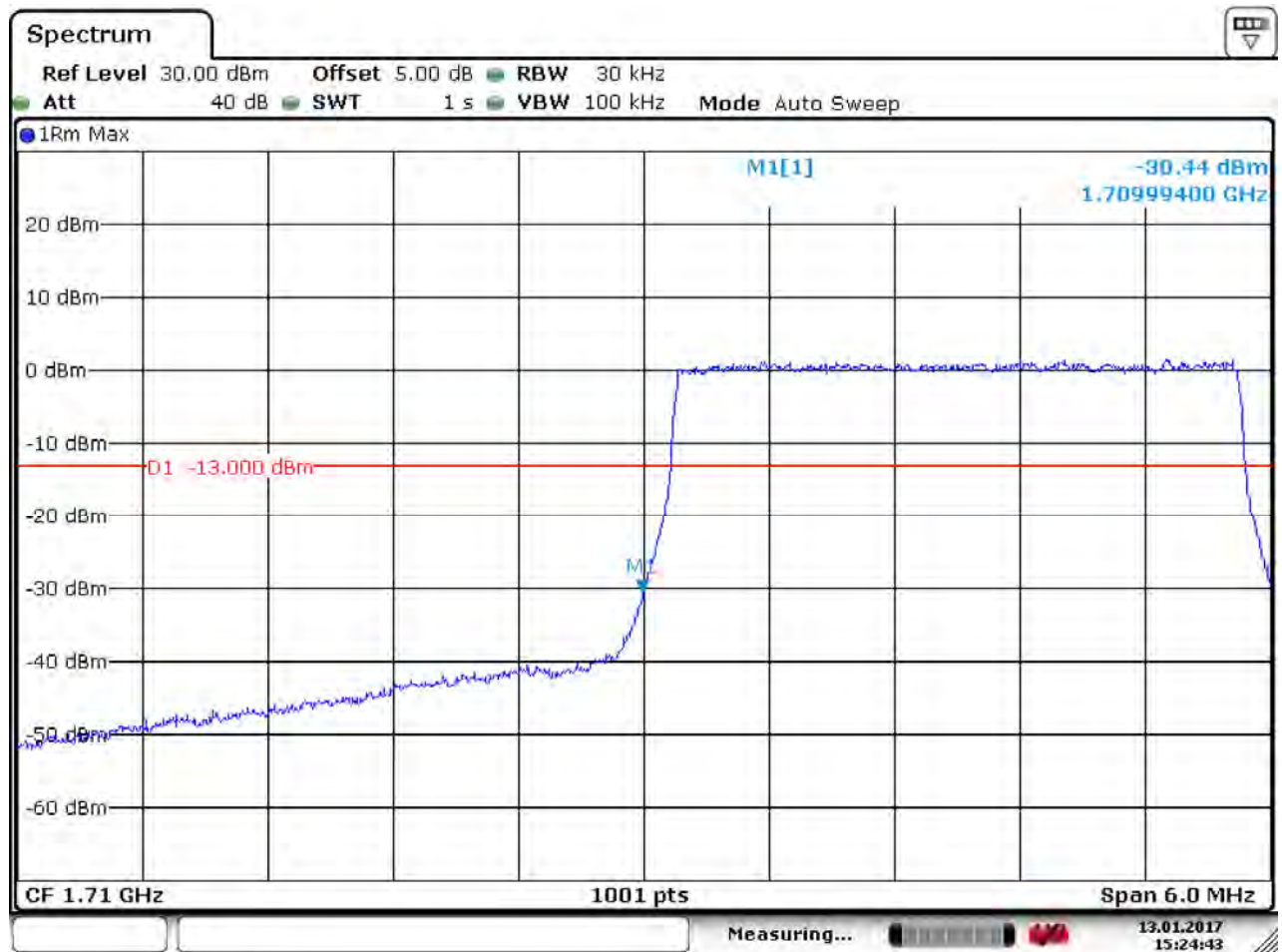
5.1.1.5.1.1 Test RB=1RB



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



5.1.1.5.1.2 Test RB=15RB

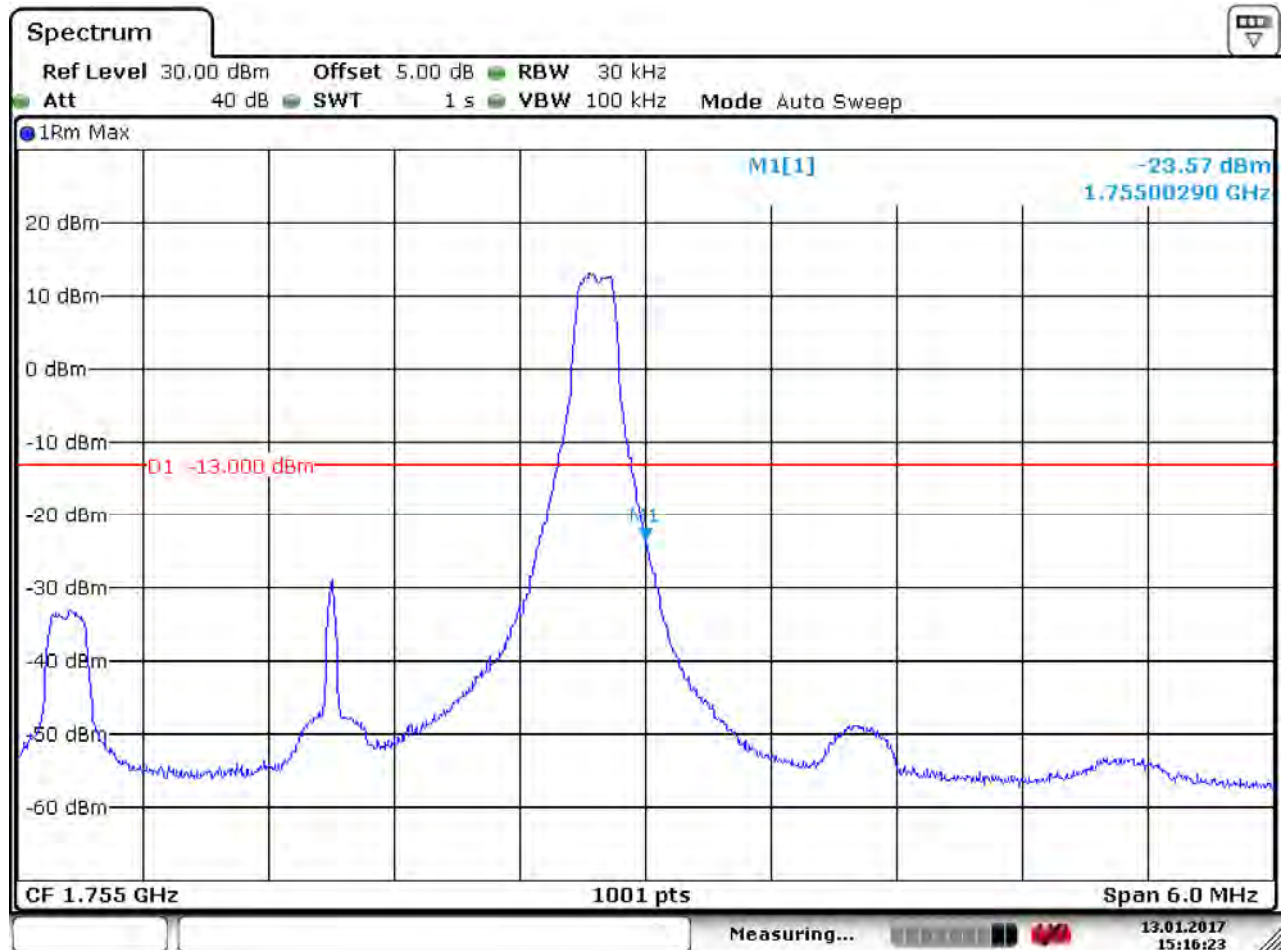


Date: 13.JAN.2017 15:24:44



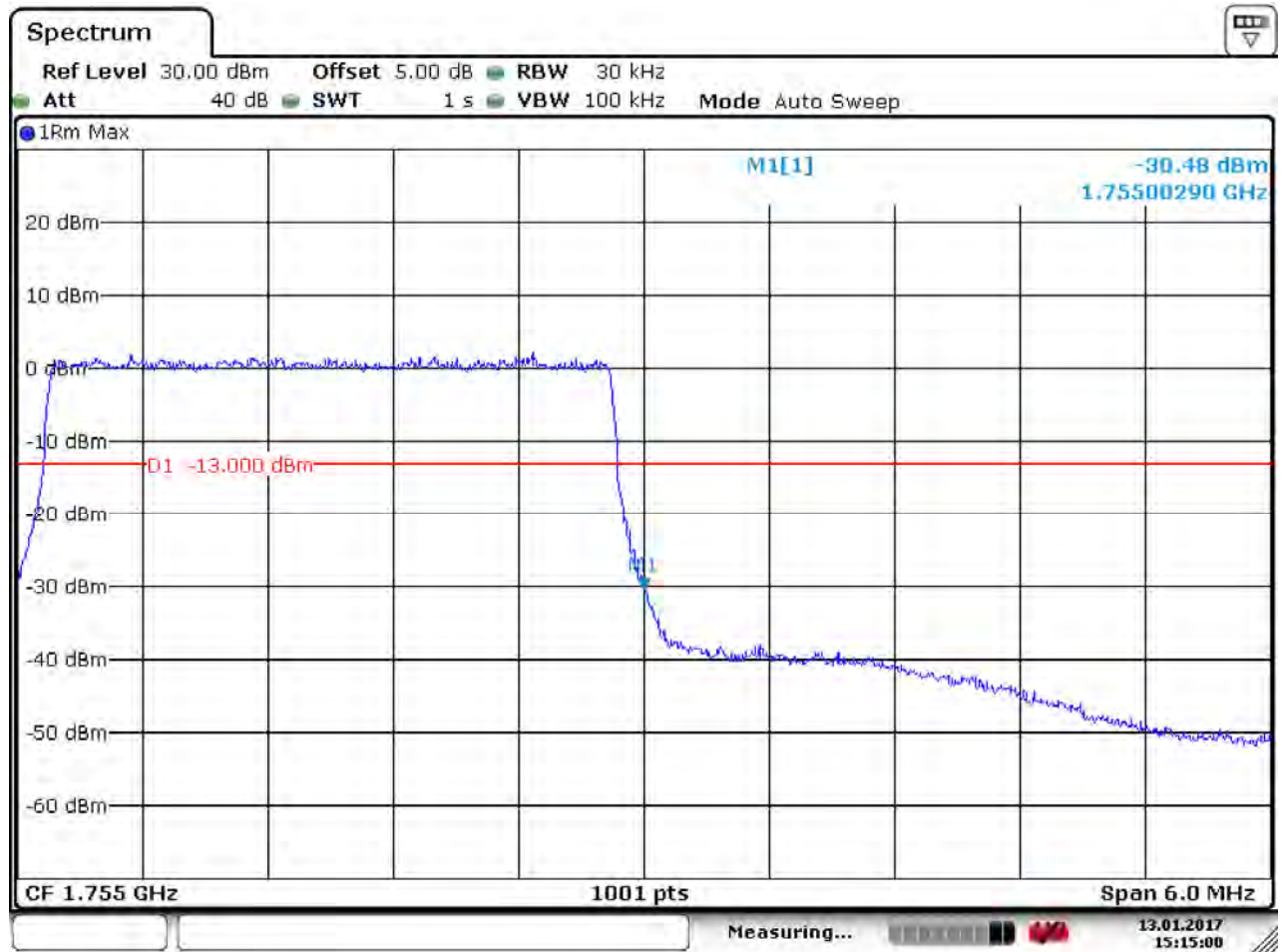
5.1.1.5.2 Test Channel = HCH

5.1.1.5.2.1 Test RB=1RB



Date: 13.JAN.2017 15:16:23

5.1.1.5.3 Test RB=15RB

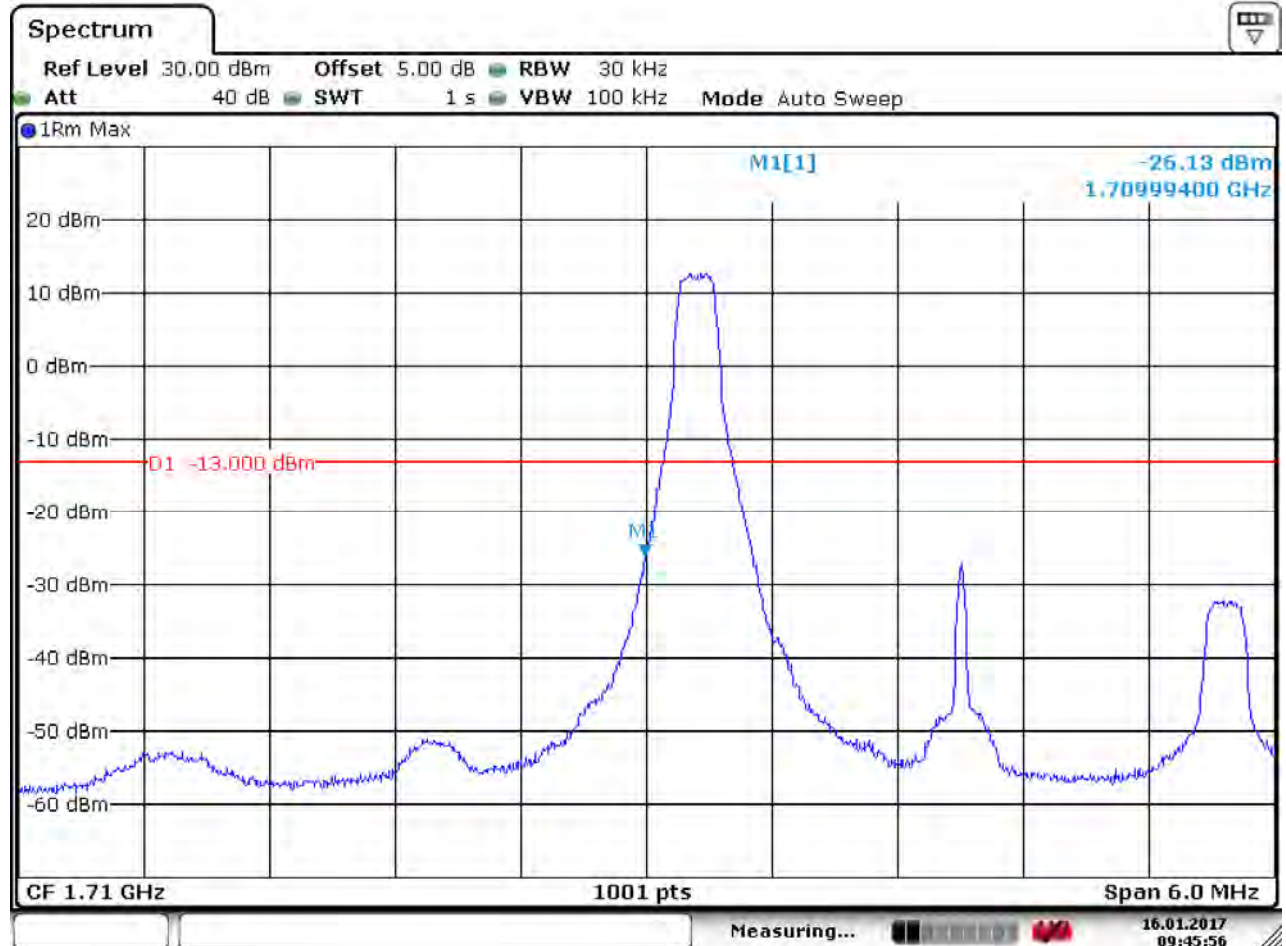


Date: 13.JAN.2017 15:15:01

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