

Appendix B

E-UTRA BAND 66

E-UTRA BAND 4

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1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 66

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM1	1.4M	LCH	RB1#0	22.46	24.46	33.00	PASS
				RB1#2	22.35	24.35	33.00	PASS
				RB1#5	22.27	24.27	33.00	PASS
				RB3#0	22.65	24.65	33.00	PASS
				RB3#2	22.51	24.51	33.00	PASS
				RB3#3	22.49	24.49	33.00	PASS
				RB6#0	21.47	23.47	33.00	PASS
			MCH	RB1#0	22.31	24.31	33.00	PASS
				RB1#2	22.33	24.33	33.00	PASS
				RB1#5	22.26	24.26	33.00	PASS
				RB3#0	22.36	24.36	33.00	PASS
				RB3#2	22.46	24.46	33.00	PASS
				RB3#3	22.35	24.35	33.00	PASS
				RB6#0	21.2	23.2	33.00	PASS
			HCH	RB1#0	22.2	24.2	33.00	PASS
				RB1#2	22.26	24.26	33.00	PASS
				RB1#5	22.15	24.15	33.00	PASS
				RB3#0	22.16	24.16	33.00	PASS
				RB3#2	22.34	24.34	33.00	PASS
				RB3#3	22.16	24.16	33.00	PASS
				RB6#0	21.23	23.23	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM2	1.4M	LCH	RB1#0	21.44	23.44	33.00	PASS
				RB1#2	21.44	23.44	33.00	PASS
				RB1#5	21.4	23.4	33.00	PASS
				RB3#0	21.64	23.64	33.00	PASS
				RB3#2	21.54	23.54	33.00	PASS
				RB3#3	21.62	23.62	33.00	PASS
				RB6#0	20.48	22.48	33.00	PASS
			MCH	RB1#0	21.4	23.4	33.00	PASS
				RB1#2	21.45	23.45	33.00	PASS
				RB1#5	21.37	23.37	33.00	PASS
				RB3#0	21.35	23.35	33.00	PASS
				RB3#2	21.43	23.43	33.00	PASS
				RB3#3	21.36	23.36	33.00	PASS
				RB6#0	20.33	22.33	33.00	PASS
			HCH	RB1#0	21.26	23.26	33.00	PASS
				RB1#2	21.34	23.34	33.00	PASS
				RB1#5	21.26	23.26	33.00	PASS
				RB3#0	21.28	23.28	33.00	PASS
				RB3#2	21.21	23.21	33.00	PASS
				RB3#3	21.25	23.25	33.00	PASS
				RB6#0	20.17	22.17	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM3	1.4M	LCH	RB1#0	21.81	23.81	33.00	PASS
				RB1#2	21.73	23.73	33.00	PASS
				RB1#5	21.83	23.83	33.00	PASS
				RB3#0	21.81	23.81	33.00	PASS
				RB3#2	21.85	23.85	33.00	PASS
				RB3#3	21.72	23.72	33.00	PASS
				RB6#0	20.86	22.86	33.00	PASS
			MCH	RB1#0	21.93	23.93	33.00	PASS
				RB1#2	22.06	24.06	33.00	PASS
				RB1#5	21.96	23.96	33.00	PASS
				RB3#0	21.64	23.64	33.00	PASS
				RB3#2	22.01	24.01	33.00	PASS
				RB3#3	21.77	23.77	33.00	PASS
				RB6#0	20.86	22.86	33.00	PASS
			HCH	RB1#0	21.95	23.95	33.00	PASS
				RB1#2	21.90	23.90	33.00	PASS
				RB1#5	21.77	23.77	33.00	PASS
				RB3#0	21.82	23.82	33.00	PASS
				RB3#2	21.65	23.65	33.00	PASS
				RB3#3	21.79	23.79	33.00	PASS
				RB6#0	21.84	23.84	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM1	3M	LCH	RB1#0	22.44	24.44	33.00	PASS
				RB1#7	22.38	24.38	33.00	PASS
				RB1#14	22.29	24.29	33.00	PASS
				RB8#0	21.4	23.4	33.00	PASS
				RB8#4	21.32	23.32	33.00	PASS
				RB8#7	21.3	23.3	33.00	PASS
				RB15#0	21.34	23.34	33.00	PASS
			MCH	RB1#0	22.34	24.34	33.00	PASS
				RB1#7	22.29	24.29	33.00	PASS
				RB1#14	22.18	24.18	33.00	PASS
				RB8#0	21.28	23.28	33.00	PASS
				RB8#4	21.28	23.28	33.00	PASS
				RB8#7	21.25	23.25	33.00	PASS
				RB15#0	21.26	23.26	33.00	PASS
			HCH	RB1#0	22.29	24.29	33.00	PASS
				RB1#7	22.26	24.26	33.00	PASS
				RB1#14	22.09	24.09	33.00	PASS
				RB8#0	21.23	23.23	33.00	PASS
				RB8#4	21.11	23.11	33.00	PASS
				RB8#7	21.19	23.19	33.00	PASS
				RB15#0	21.32	23.32	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM2	3M	LCH	RB1#0	21.93	23.93	33.00	PASS
				RB1#7	21.84	23.84	33.00	PASS
				RB1#14	21.74	23.74	33.00	PASS
				RB8#0	20.6	22.6	33.00	PASS
				RB8#4	20.44	22.44	33.00	PASS
				RB8#7	20.53	22.53	33.00	PASS
				RB15#0	20.61	22.61	33.00	PASS
			MCH	RB1#0	21.46	23.46	33.00	PASS
				RB1#7	21.41	23.41	33.00	PASS
				RB1#14	21.41	23.41	33.00	PASS
				RB8#0	20.27	22.27	33.00	PASS
				RB8#4	20.16	22.16	33.00	PASS
				RB8#7	20.22	22.22	33.00	PASS
				RB15#0	20.23	22.23	33.00	PASS
			HCH	RB1#0	21.31	23.31	33.00	PASS
				RB1#7	21.26	23.26	33.00	PASS
				RB1#14	21.23	23.23	33.00	PASS
				RB8#0	20.37	22.37	33.00	PASS
				RB8#4	20.35	22.35	33.00	PASS
				RB8#7	20.3	22.3	33.00	PASS
				RB15#0	20.33	22.33	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM3	3M	LCH	RB1#0	21.97	23.97	33.00	PASS
				RB1#2	21.64	23.64	33.00	PASS
				RB1#5	21.87	23.87	33.00	PASS
				RB3#0	21.93	23.93	33.00	PASS
				RB3#2	21.02	23.02	33.00	PASS
				RB3#3	20.95	22.95	33.00	PASS
				RB6#0	20.72	22.72	33.00	PASS
			MCH	RB1#0	21.96	23.96	33.00	PASS
				RB1#2	22.05	24.05	33.00	PASS
				RB1#5	21.95	23.95	33.00	PASS
				RB3#0	21.00	23.00	33.00	PASS
				RB3#2	21.00	23.00	33.00	PASS
				RB3#3	20.98	22.98	33.00	PASS
				RB6#0	20.95	22.95	33.00	PASS
			HCH	RB1#0	21.81	23.81	33.00	PASS
				RB1#2	21.88	23.88	33.00	PASS
				RB1#5	21.84	23.84	33.00	PASS
				RB3#0	21.03	23.03	33.00	PASS
				RB3#2	20.91	22.91	33.00	PASS
				RB3#3	20.91	22.91	33.00	PASS
				RB6#0	20.84	22.84	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM1	5M	LCH	RB1#0	22.52	24.52	33.00	PASS
				RB1#13	22.42	24.42	33.00	PASS
				RB1#24	22.26	24.26	33.00	PASS
				RB12#0	21.43	23.43	33.00	PASS
				RB12#6	21.33	23.33	33.00	PASS
				RB12#13	21.31	23.31	33.00	PASS
				RB25#0	21.47	23.47	33.00	PASS
			MCH	RB1#0	22.39	24.39	33.00	PASS
				RB1#13	22.28	24.28	33.00	PASS
				RB1#24	22.16	24.16	33.00	PASS
				RB12#0	21.33	23.33	33.00	PASS
				RB12#6	21.36	23.36	33.00	PASS
				RB12#13	21.19	23.19	33.00	PASS
				RB25#0	21.23	23.23	33.00	PASS
			HCH	RB1#0	22.35	24.35	33.00	PASS
				RB1#13	22.28	24.28	33.00	PASS
				RB1#24	22.15	24.15	33.00	PASS
				RB12#0	21.37	23.37	33.00	PASS
				RB12#6	21.41	23.41	33.00	PASS
				RB12#13	21.23	23.23	33.00	PASS
				RB25#0	21.23	23.23	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM2	5M	LCH	RB1#0	21.36	23.36	33.00	PASS
				RB1#13	21.35	23.35	33.00	PASS
				RB1#24	21.23	23.23	33.00	PASS
				RB12#0	20.46	22.46	33.00	PASS
				RB12#6	20.32	22.32	33.00	PASS
				RB12#13	20.36	22.36	33.00	PASS
				RB25#0	20.43	22.43	33.00	PASS
			MCH	RB1#0	21.65	23.65	33.00	PASS
				RB1#13	21.61	23.61	33.00	PASS
				RB1#24	21.44	23.44	33.00	PASS
				RB12#0	20.34	22.34	33.00	PASS
				RB12#6	20.41	22.41	33.00	PASS
				RB12#13	20.23	22.23	33.00	PASS
				RB25#0	20.22	22.22	33.00	PASS
			HCH	RB1#0	21.28	23.28	33.00	PASS
				RB1#13	21.3	23.3	33.00	PASS
				RB1#24	21.17	23.17	33.00	PASS
				RB12#0	20.36	22.36	33.00	PASS
				RB12#6	20.24	22.24	33.00	PASS
				RB12#13	20.26	22.26	33.00	PASS
				RB25#0	20.34	22.34	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM3	5M	LCH	RB1#0	21.95	23.95	33.00	PASS
				RB1#2	21.93	23.93	33.00	PASS
				RB1#5	22.01	24.01	33.00	PASS
				RB3#0	20.93	22.93	33.00	PASS
				RB3#2	20.91	22.91	33.00	PASS
				RB3#3	20.84	22.84	33.00	PASS
				RB6#0	20.92	22.92	33.00	PASS
			MCH	RB1#0	22.10	24.10	33.00	PASS
				RB1#2	21.98	23.98	33.00	PASS
				RB1#5	21.90	23.90	33.00	PASS
				RB3#0	21.00	23.00	33.00	PASS
				RB3#2	20.99	22.99	33.00	PASS
				RB3#3	20.94	22.94	33.00	PASS
				RB6#0	20.96	22.96	33.00	PASS
			HCH	RB1#0	21.95	23.95	33.00	PASS
				RB1#2	21.90	23.90	33.00	PASS
				RB1#5	21.82	23.82	33.00	PASS
				RB3#0	20.99	22.99	33.00	PASS
				RB3#2	20.98	22.98	33.00	PASS
				RB3#3	20.82	22.82	33.00	PASS
				RB6#0	20.97	22.97	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM1	10M	LCH	RB1#0	22.77	24.77	33.00	PASS
				RB1#25	22.43	24.43	33.00	PASS
				RB1#49	22.35	24.35	33.00	PASS
				RB25#0	21.51	23.51	33.00	PASS
				RB25#13	21.47	23.47	33.00	PASS
				RB25#25	21.38	23.38	33.00	PASS
				RB50#0	21.53	23.53	33.00	PASS
			MCH	RB1#0	22.54	24.54	33.00	PASS
				RB1#25	22.27	24.27	33.00	PASS
				RB1#49	22.28	24.28	33.00	PASS
				RB25#0	21.45	23.45	33.00	PASS
				RB25#13	21.44	23.44	33.00	PASS
				RB25#25	21.24	23.24	33.00	PASS
				RB50#0	21.33	23.33	33.00	PASS
			HCH	RB1#0	22.55	24.55	33.00	PASS
				RB1#25	22.12	24.12	33.00	PASS
				RB1#49	22.15	24.15	33.00	PASS
				RB25#0	21.36	23.36	33.00	PASS
				RB25#13	21.23	23.23	33.00	PASS
				RB25#25	21.28	23.28	33.00	PASS
				RB50#0	21.23	23.23	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM2	10M	LCH	RB1#0	22.16	24.16	33.00	PASS
				RB1#25	21.92	23.92	33.00	PASS
				RB1#49	21.82	23.82	33.00	PASS
				RB25#0	20.63	22.63	33.00	PASS
				RB25#13	20.55	22.55	33.00	PASS
				RB25#25	20.48	22.48	33.00	PASS
				RB50#0	20.5	22.5	33.00	PASS
			MCH	RB1#0	21.71	23.71	33.00	PASS
				RB1#25	21.41	23.41	33.00	PASS
				RB1#49	21.43	23.43	33.00	PASS
				RB25#0	20.46	22.46	33.00	PASS
				RB25#13	20.46	22.46	33.00	PASS
				RB25#25	20.26	22.26	33.00	PASS
				RB50#0	20.35	22.35	33.00	PASS
			HCH	RB1#0	21.56	23.56	33.00	PASS
				RB1#25	21.18	23.18	33.00	PASS
				RB1#49	21.21	23.21	33.00	PASS
				RB25#0	20.37	22.37	33.00	PASS
				RB25#13	20.42	22.42	33.00	PASS
				RB25#25	20.26	22.26	33.00	PASS
				RB50#0	20.25	22.25	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM3	10M	LCH	RB1#0	22.03	24.03	33.00	PASS
				RB1#2	21.96	23.96	33.00	PASS
				RB1#5	21.99	23.99	33.00	PASS
				RB3#0	21.08	23.08	33.00	PASS
				RB3#2	21.02	23.02	33.00	PASS
				RB3#3	20.97	22.97	33.00	PASS
				RB6#0	21.08	23.08	33.00	PASS
			MCH	RB1#0	22.20	24.20	33.00	PASS
				RB1#2	21.94	23.94	33.00	PASS
				RB1#5	22.04	24.04	33.00	PASS
				RB3#0	21.13	23.13	33.00	PASS
				RB3#2	21.01	23.01	33.00	PASS
				RB3#3	20.95	22.95	33.00	PASS
				RB6#0	21.04	23.04	33.00	PASS
			HCH	RB1#0	22.20	24.20	33.00	PASS
				RB1#2	21.80	23.80	33.00	PASS
				RB1#5	21.93	23.93	33.00	PASS
				RB3#0	21.07	23.07	33.00	PASS
				RB3#2	20.93	22.93	33.00	PASS
				RB3#3	20.97	22.97	33.00	PASS
				RB6#0	20.98	22.98	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM1	15M	LCH	RB1#0	22.48	24.48	33.00	PASS
				RB1#38	21.81	23.81	33.00	PASS
				RB1#74	21.95	23.95	33.00	PASS
				RB36#0	21.11	23.11	33.00	PASS
				RB36#18	21.08	23.08	33.00	PASS
				RB36#39	20.84	22.84	33.00	PASS
				RB75#0	20.91	22.91	33.00	PASS
			MCH	RB1#0	22.43	24.43	33.00	PASS
				RB1#38	21.69	23.69	33.00	PASS
				RB1#74	21.93	23.93	33.00	PASS
				RB36#0	20.97	22.97	33.00	PASS
				RB36#18	21	23	33.00	PASS
				RB36#39	20.73	22.73	33.00	PASS
				RB75#0	20.75	22.75	33.00	PASS
			HCH	RB1#0	22.73	24.73	33.00	PASS
				RB1#38	22.08	24.08	33.00	PASS
				RB1#74	22.05	24.05	33.00	PASS
				RB36#0	21.14	23.14	33.00	PASS
				RB36#18	21.03	23.03	33.00	PASS
				RB36#39	20.87	22.87	33.00	PASS
				RB75#0	21.01	23.01	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM2	15M	LCH	RB1#0	22.01	24.01	33.00	PASS
				RB1#38	21.41	23.41	33.00	PASS
				RB1#74	21.52	23.52	33.00	PASS
				RB36#0	20.09	22.09	33.00	PASS
				RB36#18	20.12	22.12	33.00	PASS
				RB36#39	19.87	21.87	33.00	PASS
				RB75#0	20.06	22.06	33.00	PASS
			MCH	RB1#0	21.52	23.52	33.00	PASS
				RB1#38	20.84	22.84	33.00	PASS
				RB1#74	20.95	22.95	33.00	PASS
				RB36#0	20.16	22.16	33.00	PASS
				RB36#18	20.12	22.12	33.00	PASS
				RB36#39	19.83	21.83	33.00	PASS
				RB75#0	19.81	21.81	33.00	PASS
			HCH	RB1#0	21.86	23.86	33.00	PASS
				RB1#38	21.12	23.12	33.00	PASS
				RB1#74	21.43	23.43	33.00	PASS
				RB36#0	20.02	22.02	33.00	PASS
				RB36#18	20.08	22.08	33.00	PASS
				RB36#39	19.74	21.74	33.00	PASS
				RB75#0	19.89	21.89	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM3	15M	LCH	RB1#0	22.17	24.17	33.00	PASS
				RB1#2	22.06	24.06	33.00	PASS
				RB1#5	21.84	23.84	33.00	PASS
				RB3#0	21.06	23.06	33.00	PASS
				RB3#2	20.93	22.93	33.00	PASS
				RB3#3	20.72	22.72	33.00	PASS
				RB6#0	20.79	22.79	33.00	PASS
			MCH	RB1#0	22.57	24.57	33.00	PASS
				RB1#2	21.80	23.80	33.00	PASS
				RB1#5	22.03	24.03	33.00	PASS
				RB3#0	21.14	23.14	33.00	PASS
				RB3#2	20.85	22.85	33.00	PASS
				RB3#3	20.86	22.86	33.00	PASS
				RB6#0	20.89	22.89	33.00	PASS
			HCH	RB1#0	22.57	24.57	33.00	PASS
				RB1#2	21.71	23.71	33.00	PASS
				RB1#5	22.02	24.02	33.00	PASS
				RB3#0	21.05	23.05	33.00	PASS
				RB3#2	20.87	22.87	33.00	PASS
				RB3#3	20.81	22.81	33.00	PASS
				RB6#0	20.95	22.95	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM1	20M	LCH	RB1#0	22.88	24.88	33.00	PASS
				RB1#50	21.85	23.85	33.00	PASS
				RB1#99	22.14	24.14	33.00	PASS
				RB50#0	21.51	23.51	33.00	PASS
				RB50#25	21.13	23.13	33.00	PASS
				RB50#50	21	23	33.00	PASS
				RB100#0	21.14	23.14	33.00	PASS
			MCH	RB1#0	22.97	24.97	33.00	PASS
				RB1#50	21.95	23.95	33.00	PASS
				RB1#99	22.28	24.28	33.00	PASS
				RB50#0	21.15	23.15	33.00	PASS
				RB50#25	21.08	23.08	33.00	PASS
				RB50#50	20.96	22.96	33.00	PASS
				RB100#0	21.07	23.07	33.00	PASS
			HCH	RB1#0	22.82	24.82	33.00	PASS
				RB1#50	21.68	23.68	33.00	PASS
				RB1#99	21.99	23.99	33.00	PASS
				RB50#0	21.18	23.18	33.00	PASS
				RB50#25	21.06	23.06	33.00	PASS
				RB50#50	20.73	22.73	33.00	PASS
				RB100#0	20.87	22.87	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM2	20M	LCH	RB1#0	22.36	24.36	33.00	PASS
				RB1#50	21.31	23.31	33.00	PASS
				RB1#99	21.65	23.65	33.00	PASS
				RB50#0	20.44	22.44	33.00	PASS
				RB50#25	20.54	22.54	33.00	PASS
				RB50#50	19.96	21.96	33.00	PASS
				RB100#0	20.08	22.08	33.00	PASS
			MCH	RB1#0	22.13	24.13	33.00	PASS
				RB1#50	21.22	23.22	33.00	PASS
				RB1#99	20.48	22.48	33.00	PASS
				RB50#0	20.87	22.87	33.00	PASS
				RB50#25	20.44	22.44	33.00	PASS
				RB50#50	20.39	22.39	33.00	PASS
				RB100#0	20.03	22.03	33.00	PASS
			HCH	RB1#0	22.44	24.44	33.00	PASS
				RB1#50	21.19	23.19	33.00	PASS
				RB1#99	21.56	23.56	33.00	PASS
				RB50#0	20.28	22.28	33.00	PASS
				RB50#25	20.18	22.18	33.00	PASS
				RB50#50	19.89	21.89	33.00	PASS
				RB100#0	20.1	22.1	33.00	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND 66	LTE/TM3	20M	LCH	RB1#0	22.77	24.77	33.00	PASS
				RB1#2	21.89	23.89	33.00	PASS
				RB1#5	22.14	24.14	33.00	PASS
				RB3#0	21.26	23.26	33.00	PASS
				RB3#2	20.96	22.96	33.00	PASS
				RB3#3	20.97	22.97	33.00	PASS
				RB6#0	21.17	23.17	33.00	PASS
			MCH	RB1#0	22.78	24.78	33.00	PASS
				RB1#2	21.83	23.83	33.00	PASS
				RB1#5	22.19	24.19	33.00	PASS
				RB3#0	21.26	23.26	33.00	PASS
				RB3#2	20.90	22.90	33.00	PASS
				RB3#3	20.94	22.94	33.00	PASS
				RB6#0	21.01	23.01	33.00	PASS
			HCH	RB1#0	22.80	24.80	33.00	PASS
				RB1#2	21.84	23.84	33.00	PASS
				RB1#5	22.29	24.29	33.00	PASS
				RB3#0	21.25	23.25	33.00	PASS
				RB3#2	20.83	22.83	33.00	PASS
				RB3#3	20.89	22.89	33.00	PASS
				RB6#0	21.09	23.09	33.00	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

2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
BAND 66	TM1/20M	LCH	4.87	13	PASS
		MCH	4.93	13	PASS
		HCH	5.01	13	PASS
	TM2/20M	LCH	5.83	13	PASS
		MCH	5.88	13	PASS
		HCH	6	13	PASS
	TM3/20M	LCH	5.91	13	PASS
		MCH	6	13	PASS
		HCH	6	13	PASS

Part II - Test Plots

2.1 For LTE

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

2.1.1.1 Test Channel = LCH



2.1.1.2 Test Channel = MCH



Date: 8.JUN.2018 11:34:18

2.1.1.3 Test Channel = HCH



Date: 8.JUN.2018 11:35:05

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

2.1.2.1 Test Channel = LCH



Date: 8.JUN.2018 11:33:42

2.1.2.2 Test Channel = MCH



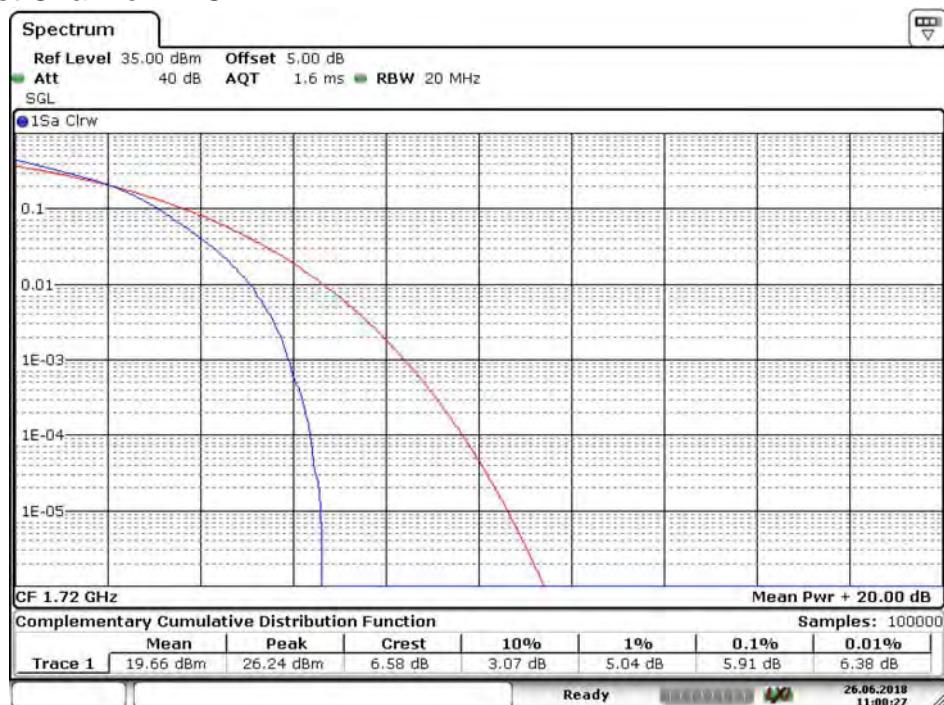
Date: 8.JUN.2018 11:34:30

2.1.2.3 Test Channel = HCH



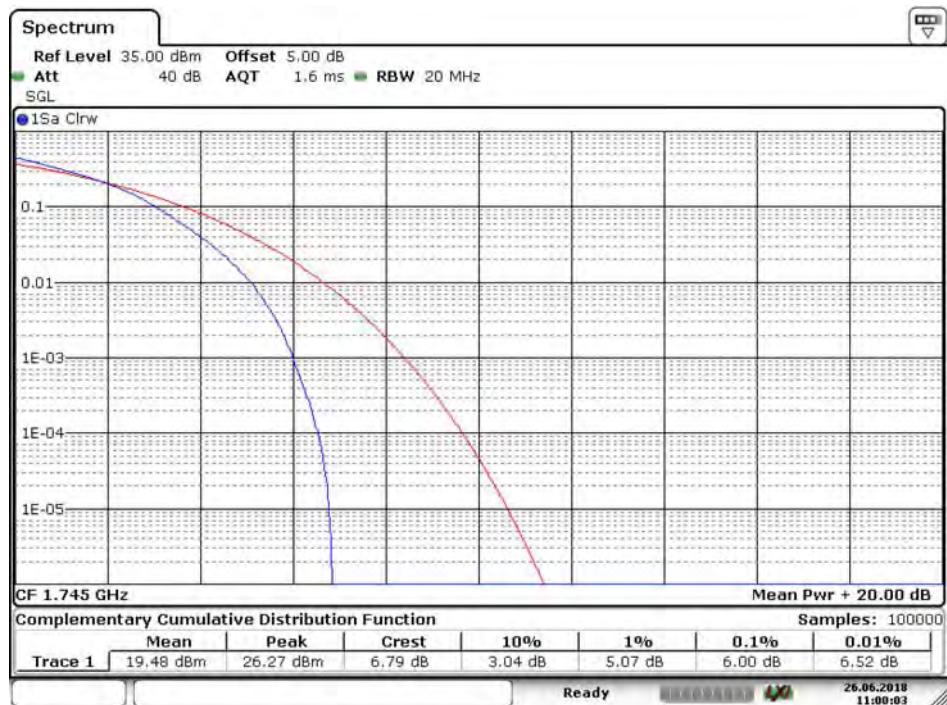
2.1.3 Test Mode = LTE/TM3.Bandwidth=20MHz

2.1.3.1 Test Channel = LCH

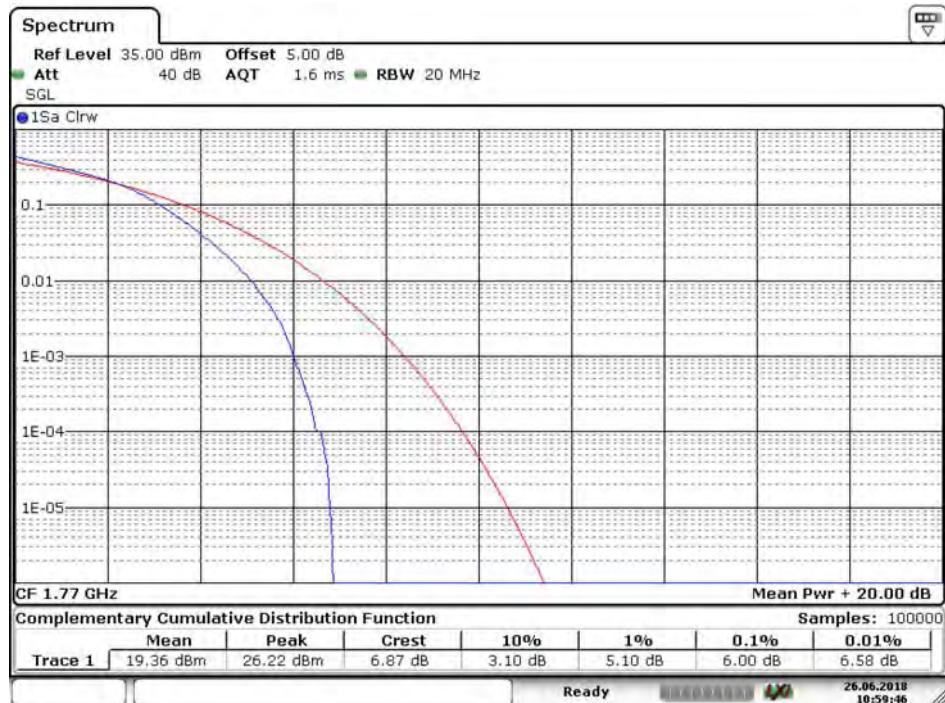


Date: 26 JUN 2018 11:00:28

2.1.3.2 Test Channel = MCH



2.1.3.3 Test Channel = HCH



Date: 26 JUN 2018 10:59:46

3 Modulation Characteristics

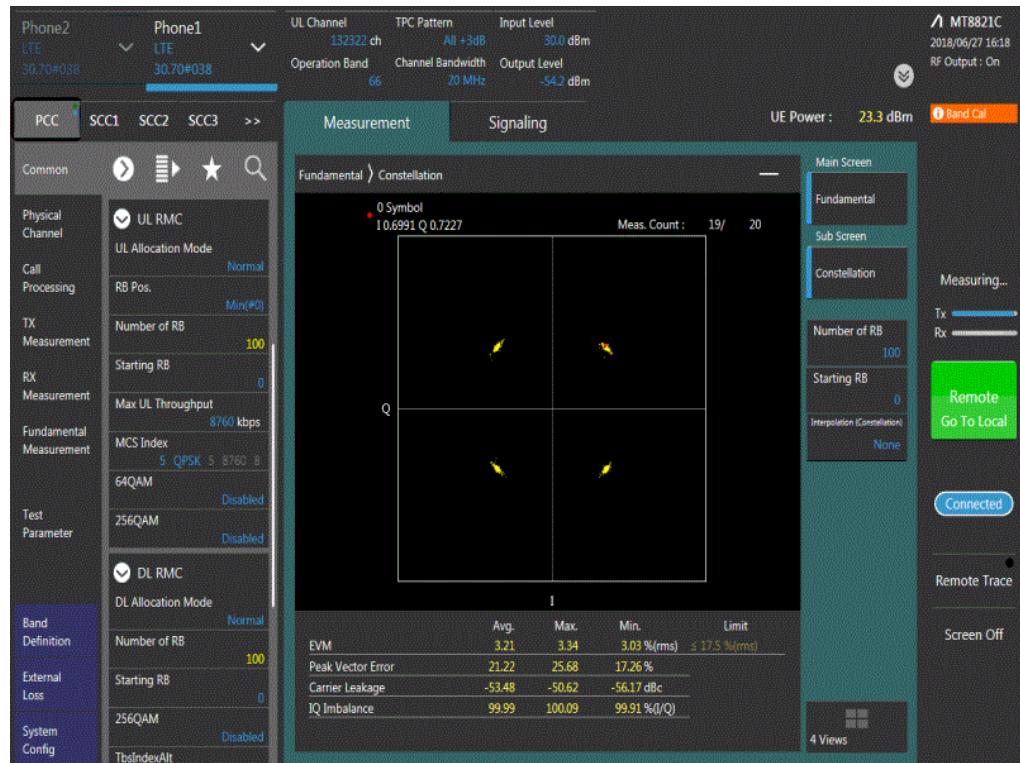
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE BAND 66

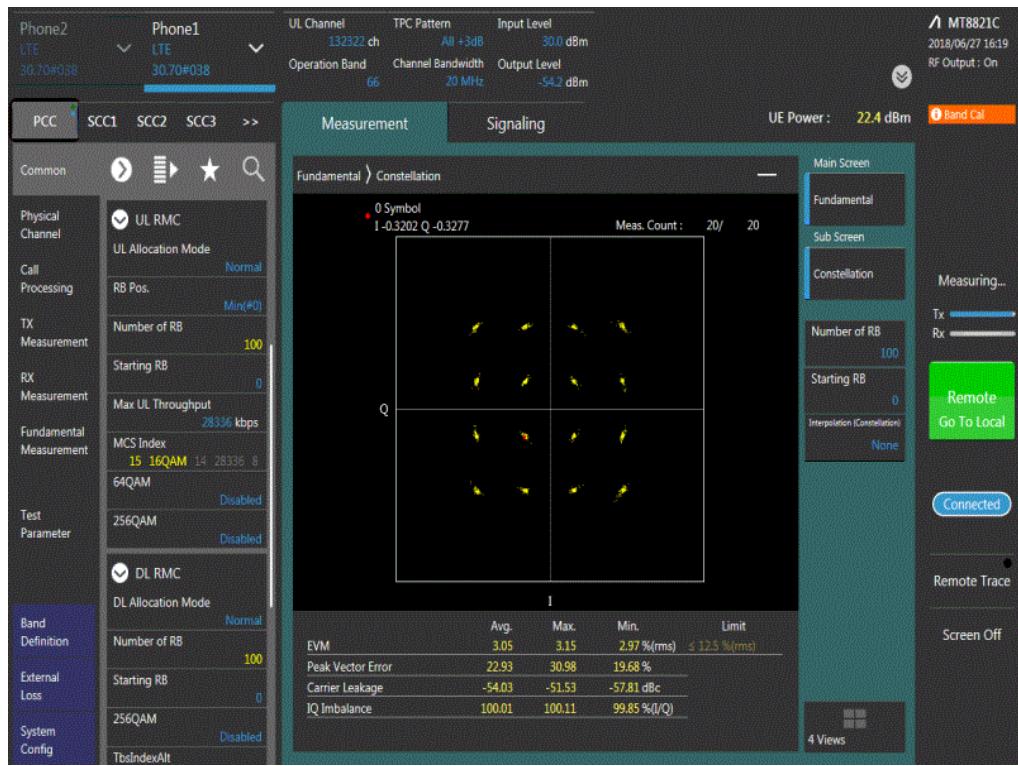
3.1.1.1 Test Mode = LTE /TM1 20MHz

3.1.1.1.1 Test Channel = MCH



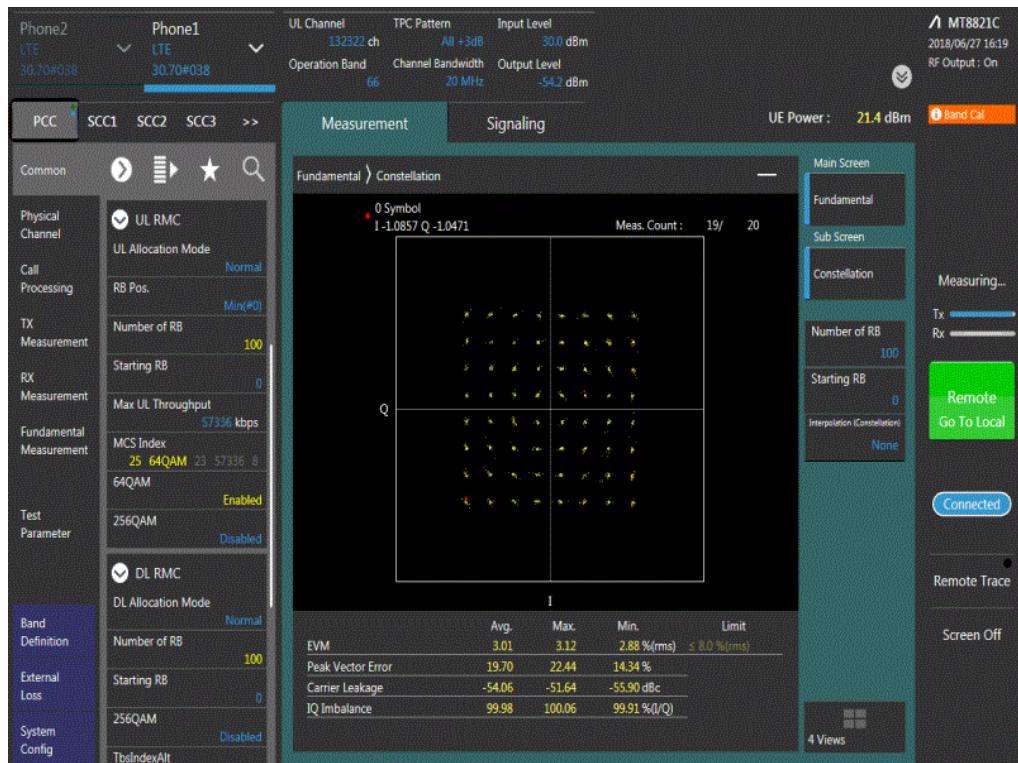
3.1.1.2 Test Mode = LTE /TM2 20MHz

3.1.1.2.1 Test Channel = MCH



3.1.1.3 Test Mode = LTE /TM3 20MHz

3.1.1.3.1 Test Channel = MCH



4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND 66	TM1/1.4MHz	LCH	1.09	1.24	PASS
		MCH	1.09	1.24	PASS
		HCH	1.09	1.23	PASS
	TM2/1.4MHz	LCH	1.09	1.25	PASS
		MCH	1.09	1.23	PASS
		HCH	1.09	1.24	PASS
	TM3/1.4MHz	LCH	1.09	1.24	PASS
		MCH	1.09	1.24	PASS
		HCH	1.09	1.24	PASS
	TM1/ 3MHz	LCH	2.68	2.93	PASS
		MCH	2.68	2.93	PASS
		HCH	2.67	2.91	PASS
	TM2/3MHz	LCH	2.67	2.92	PASS
		MCH	2.68	2.93	PASS
		HCH	2.67	2.95	PASS
	TM3/3MHz	LCH	2.68	2.93	PASS
		MCH	2.68	2.94	PASS
		HCH	2.68	2.92	PASS
	TM1/ 5MHz	LCH	4.46	4.88	PASS
		MCH	4.47	4.84	PASS
		HCH	4.46	4.90	PASS
	TM2/ 5MHz	LCH	4.46	4.86	PASS
		MCH	4.48	4.89	PASS
		HCH	4.48	4.90	PASS
	TM3/ 5MHz	LCH	4.46	4.84	PASS
		MCH	4.46	4.83	PASS
		HCH	4.46	4.87	PASS
	TM1/10MHz	LCH	8.95	9.65	PASS
		MCH	8.93	9.65	PASS
		HCH	8.95	9.71	PASS
	TM2/ 10MHz	LCH	8.93	9.69	PASS
		MCH	8.93	9.67	PASS
		HCH	8.93	9.65	PASS
	TM3/ 10MHz	LCH	8.91	9.67	PASS
		MCH	8.93	9.63	PASS
		HCH	8.93	9.67	PASS
	TM1/ 15MHz	LCH	13.48	14.80	PASS

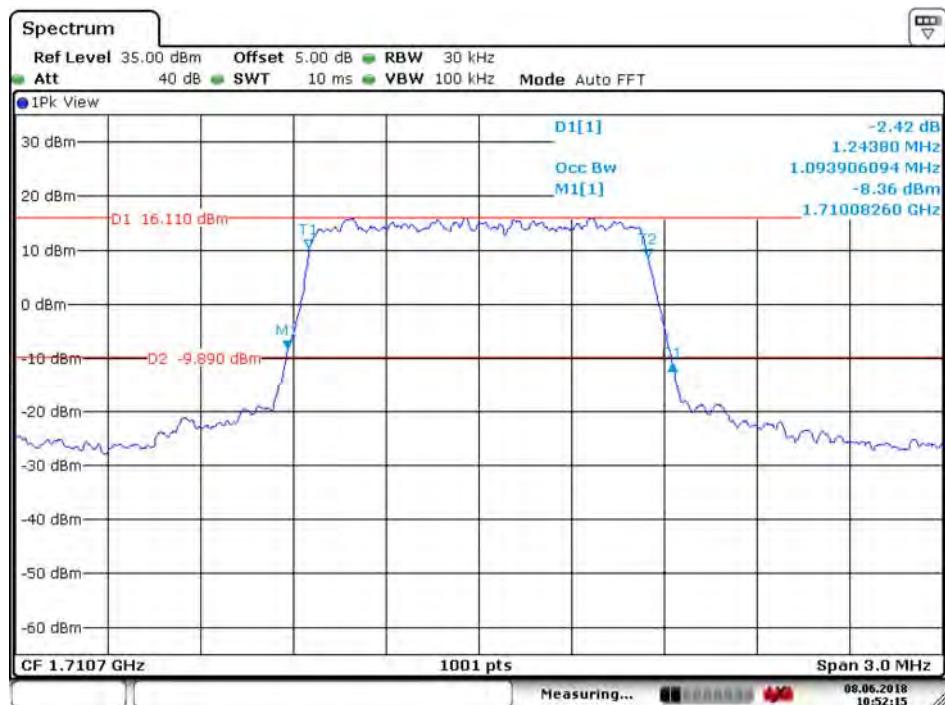
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
TM2/ 15MHz		MCH	13.42	14.77	PASS
		HCH	13.45	14.71	PASS
		LCH	13.48	14.77	PASS
		MCH	13.45	14.77	PASS
		HCH	13.48	14.68	PASS
		LCH	13.36	14.5	PASS
		MCH	13.45	14.665	PASS
		HCH	13.48	14.77	PASS
		LCH	17.90	19.30	PASS
		MCH	17.90	19.38	PASS
		HCH	17.82	19.18	PASS
		LCH	17.86	19.26	PASS
		MCH	17.94	19.46	PASS
		HCH	17.86	19.38	PASS
		LCH	17.9	19.3	PASS
		MCH	17.9	19.3	PASS
		HCH	17.9	19.38	PASS

4.1 For LTE

4.1.1 Test Band = LTE BAND 66

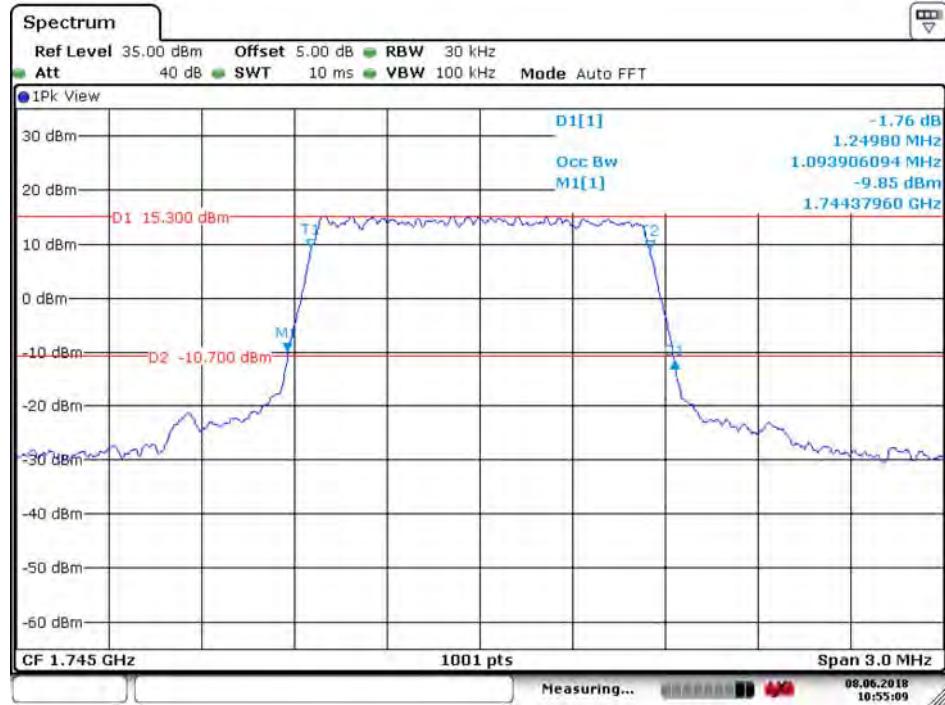
4.1.1.1 Test Mode = LTE/TM1 1.4MHz

4.1.1.1.1 Test Channel = LCH

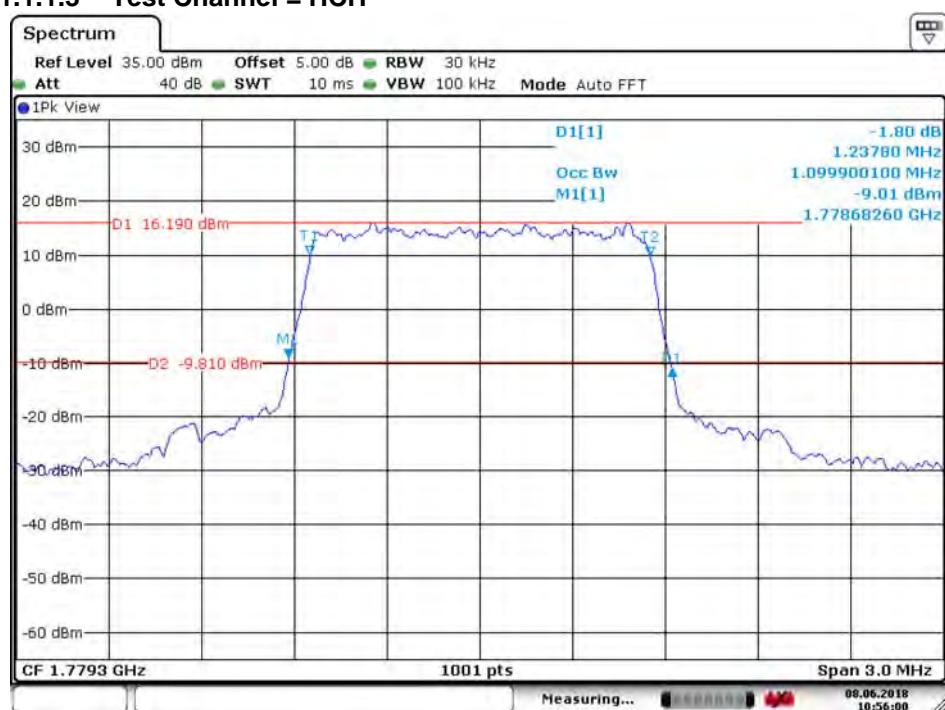


Date: 8.JUN 2018 10:52:16

4.1.1.1.2 Test Channel = MCH

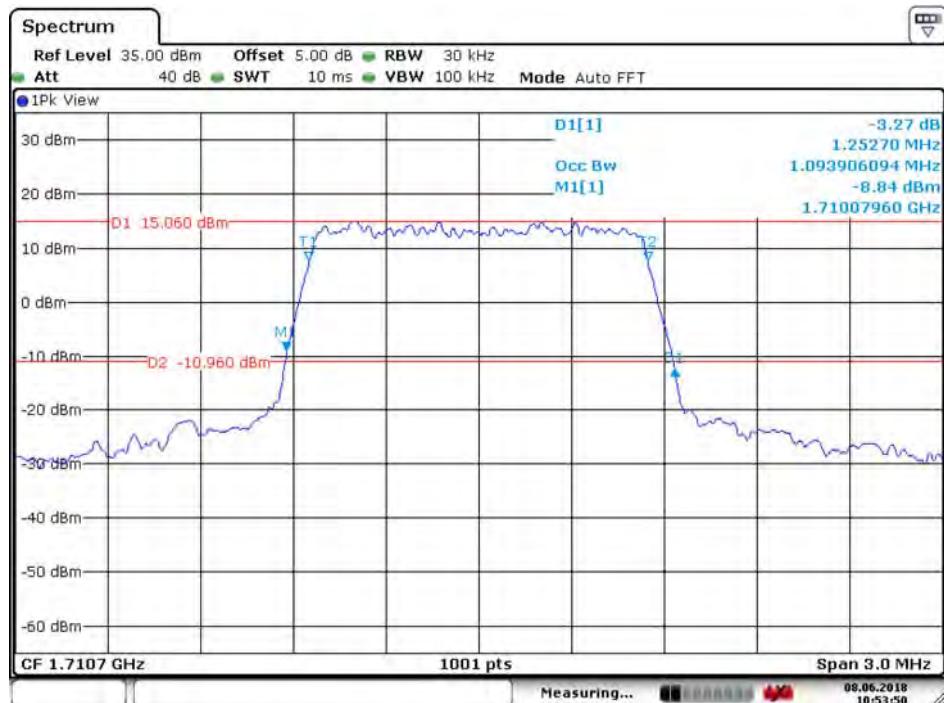


4.1.1.1.3 Test Channel = HCH



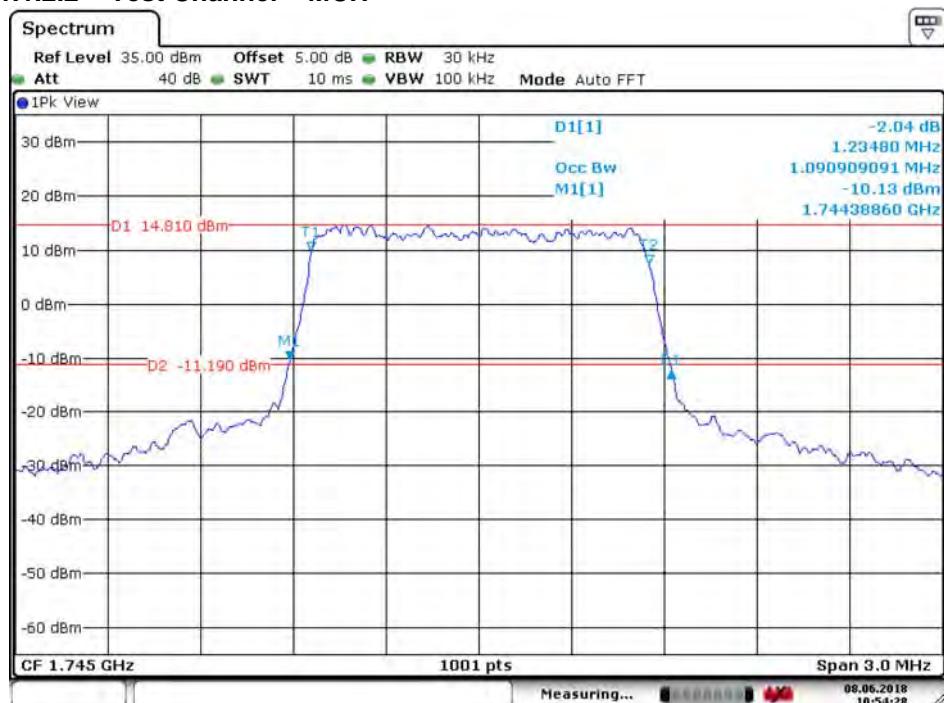
4.1.1.2 Test Mode = LTE/TM2 1.4MHz

4.1.1.2.1 Test Channel = LCH



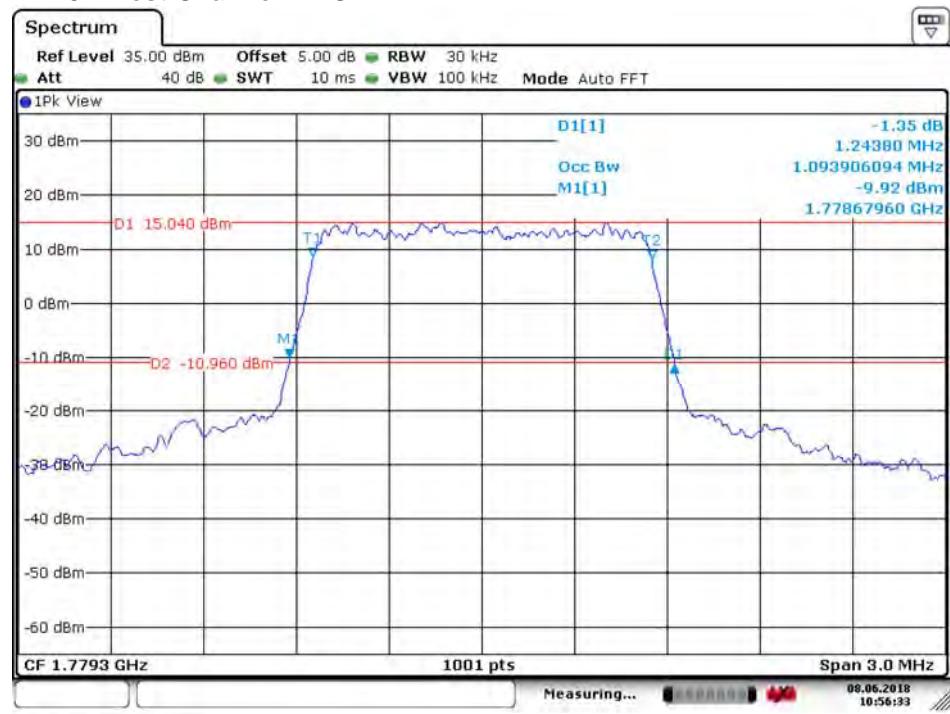
Date: 8.JUN.2018 10:53:51

4.1.1.2.2 Test Channel = MCH



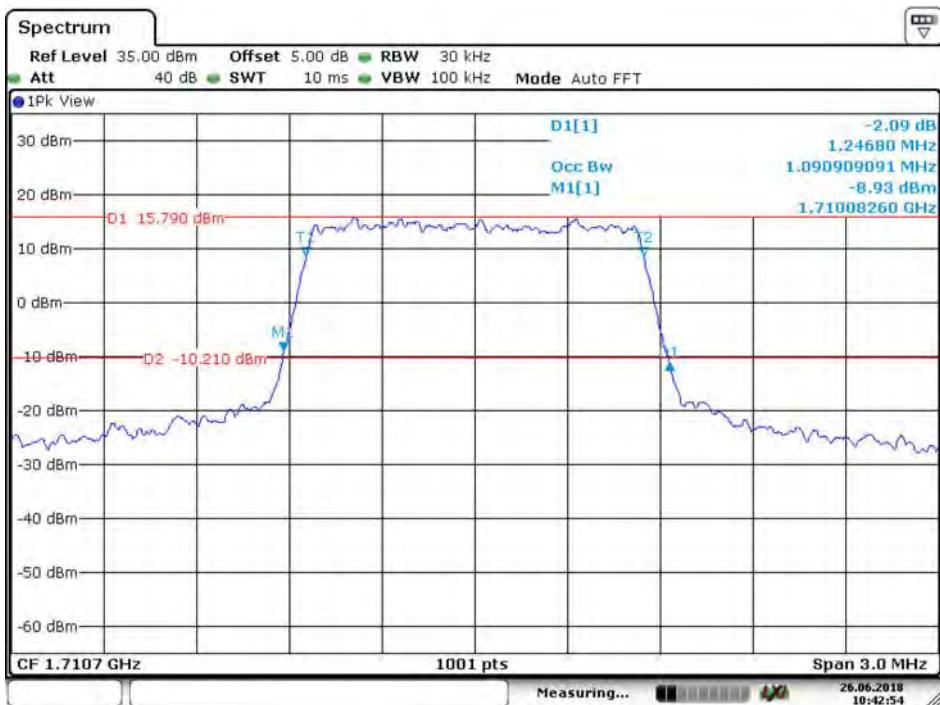
Date: 8.JUN.2018 10:54:28

4.1.1.2.3 Test Channel = HCH



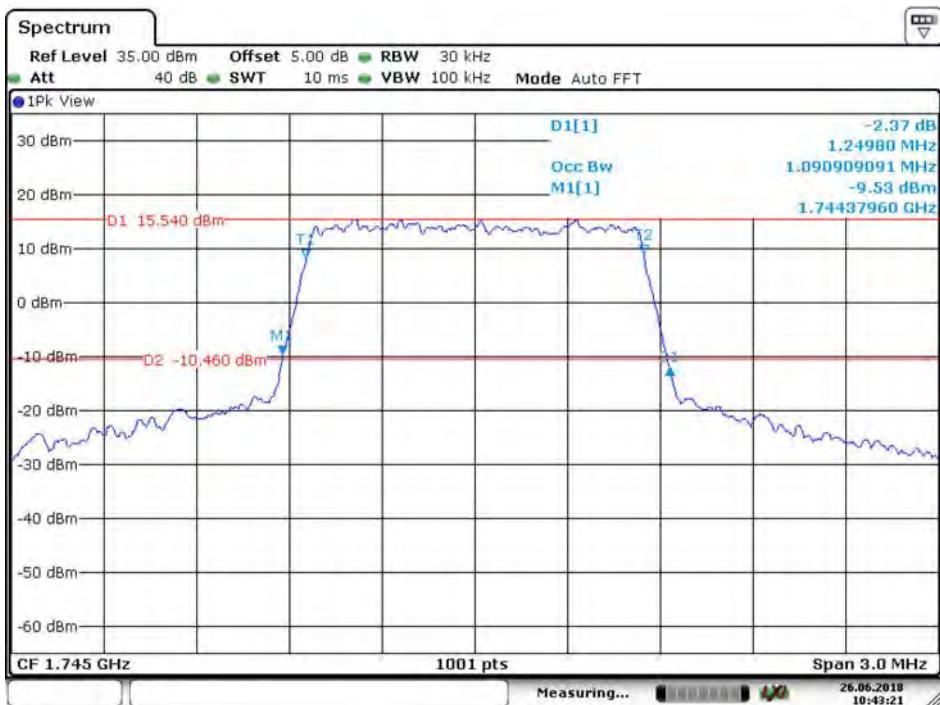
4.1.1.3 Test Mode = LTE/TM3 1.4MHz

4.1.1.3.1 Test Channel = LCH



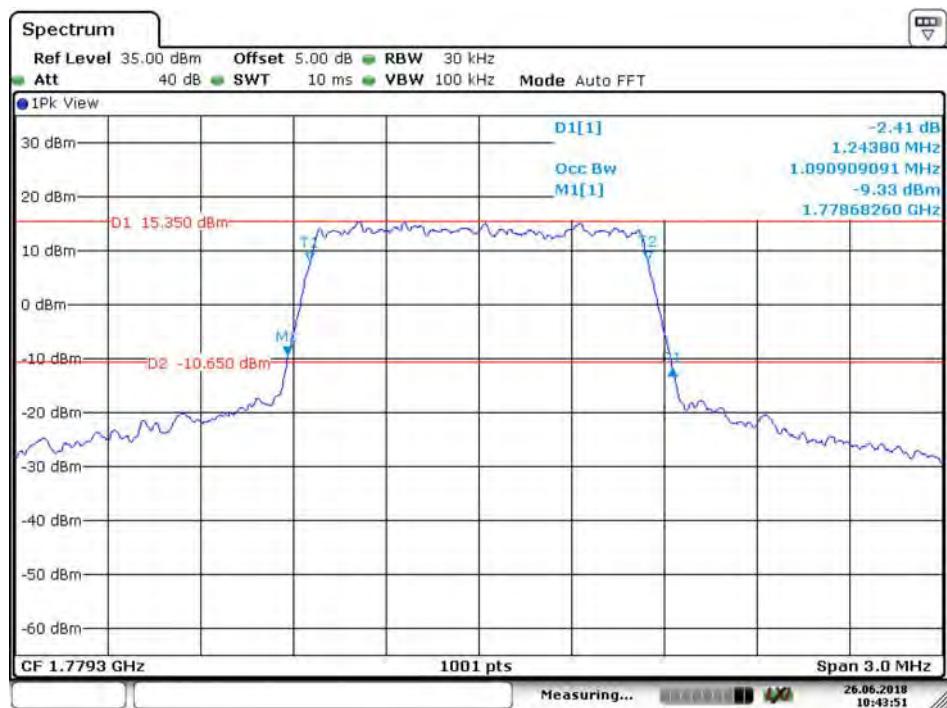
Date: 26.JUN.2018 10:42:54

4.1.1.3.2 Test Channel = MCH



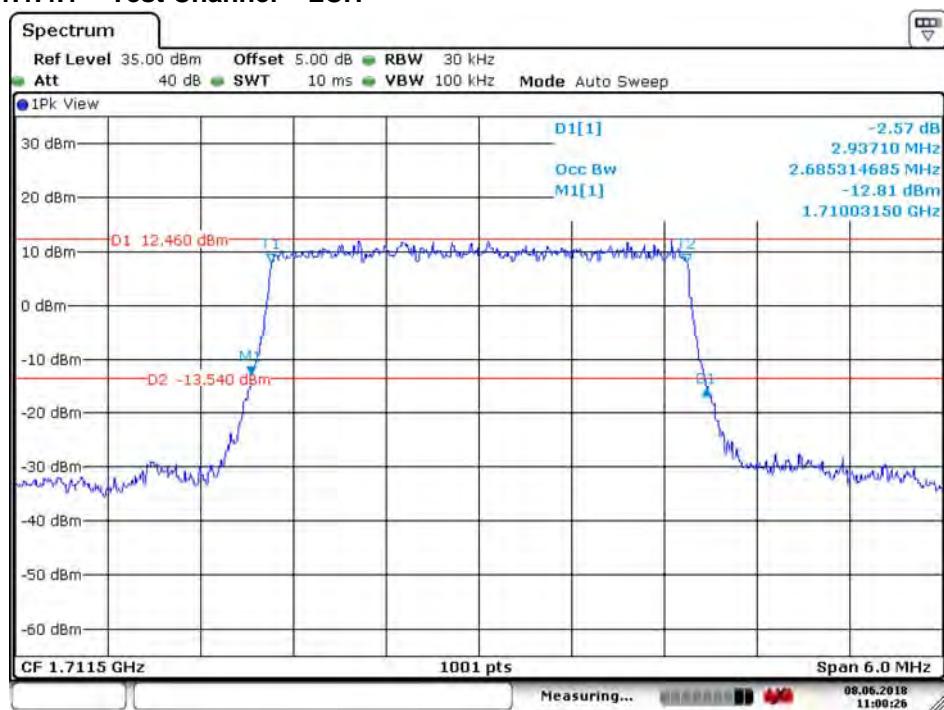
Date: 26.JUN.2018 10:43:21

4.1.1.3.3 Test Channel = HCH



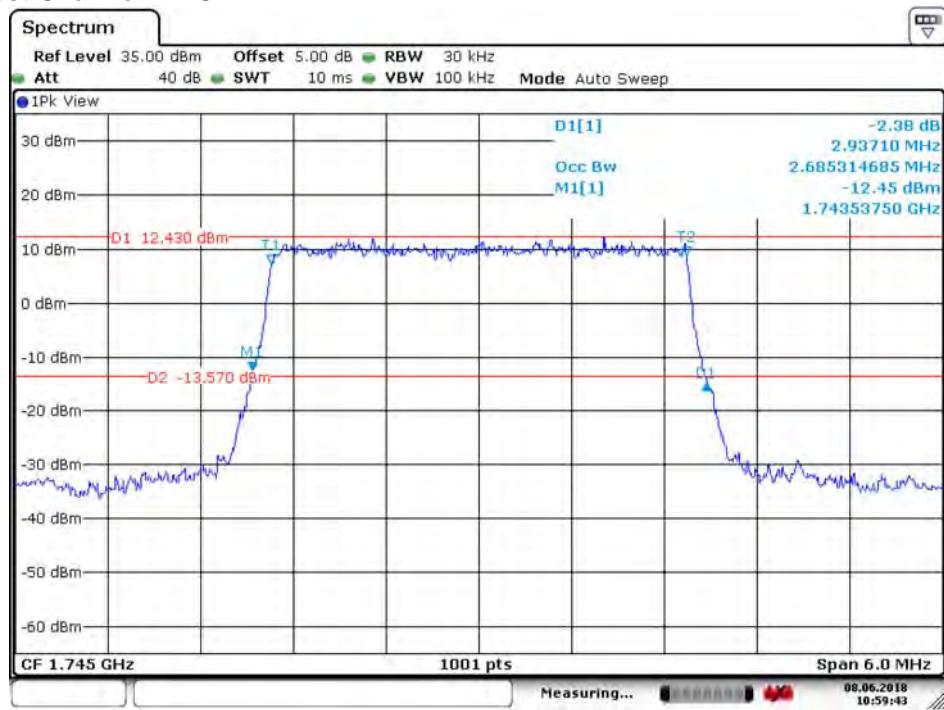
4.1.1.4 Test Mode = LTE/TM1 3MHz

4.1.1.4.1 Test Channel = LCH



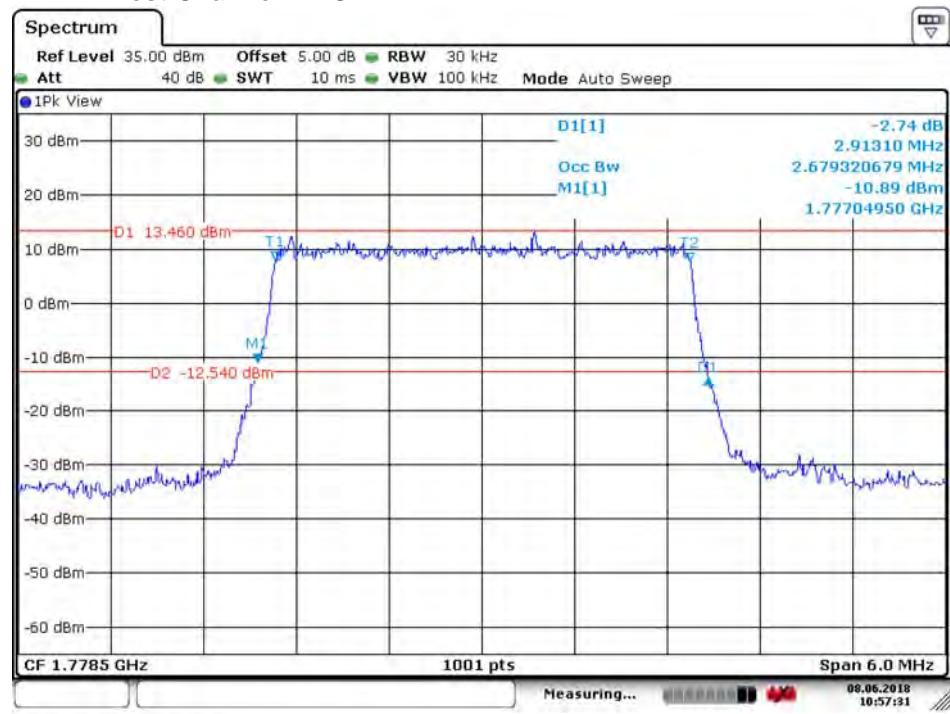
Date: 8.JUN.2018 11:00:26

Test Channel = MCH



Date: 8.JUN.2018 10:59:44

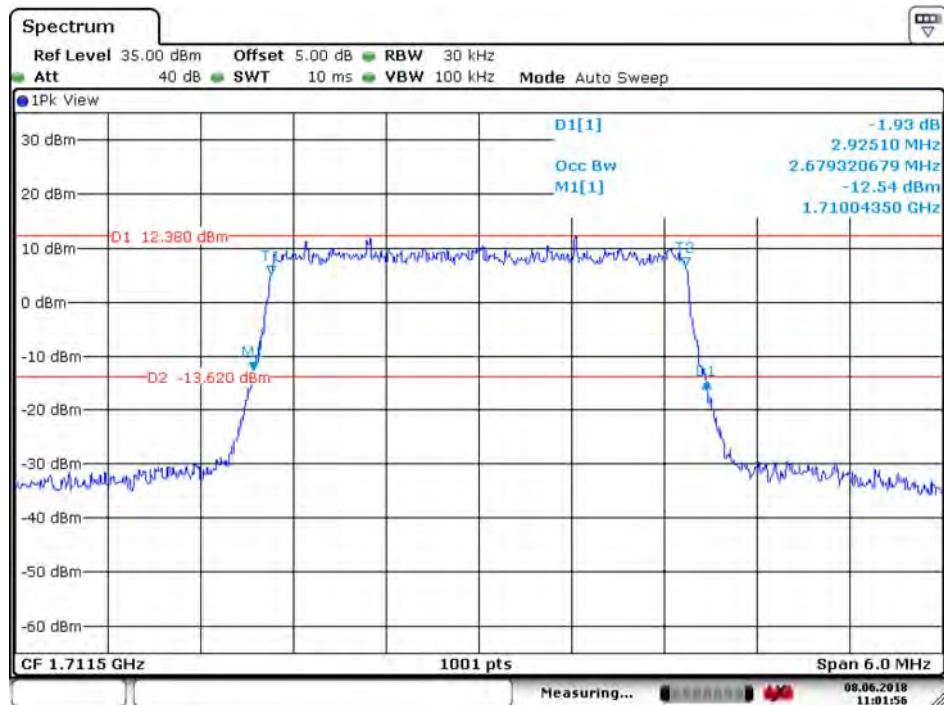
4.1.1.4.2 Test Channel = HCH



Date: 8.JUN.2018 10:57:31.

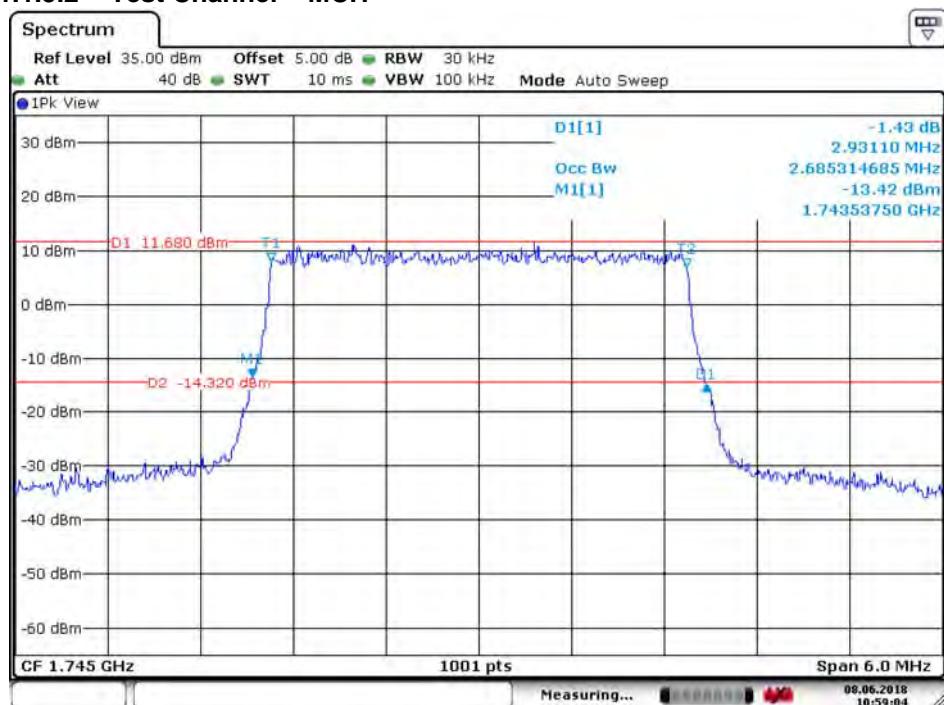
4.1.1.5 Test Mode = LTE/TM2 3MHz

4.1.1.5.1 Test Channel = LCH



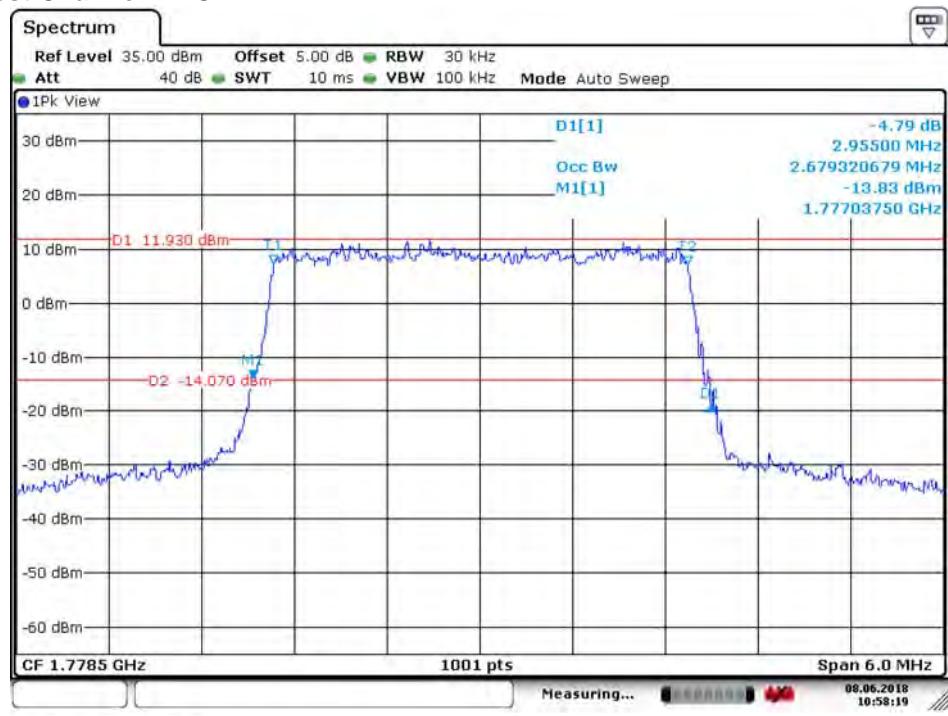
Date: 8.JUN.2018 11:01:56

4.1.1.5.2 Test Channel = MCH



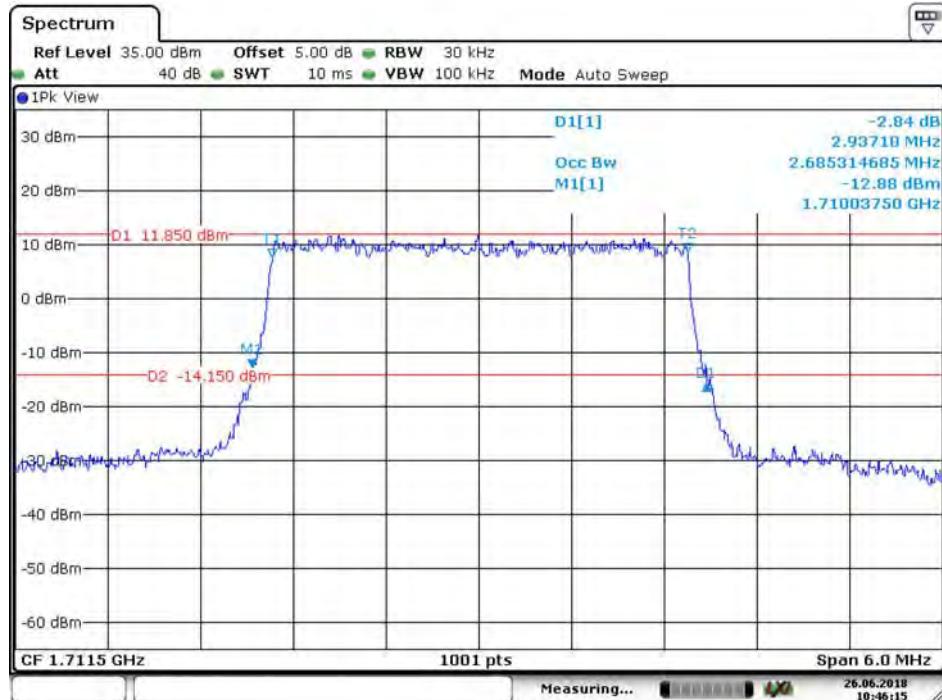
Date: 8.JUN.2018 10:59:04

Test Channel = HCH



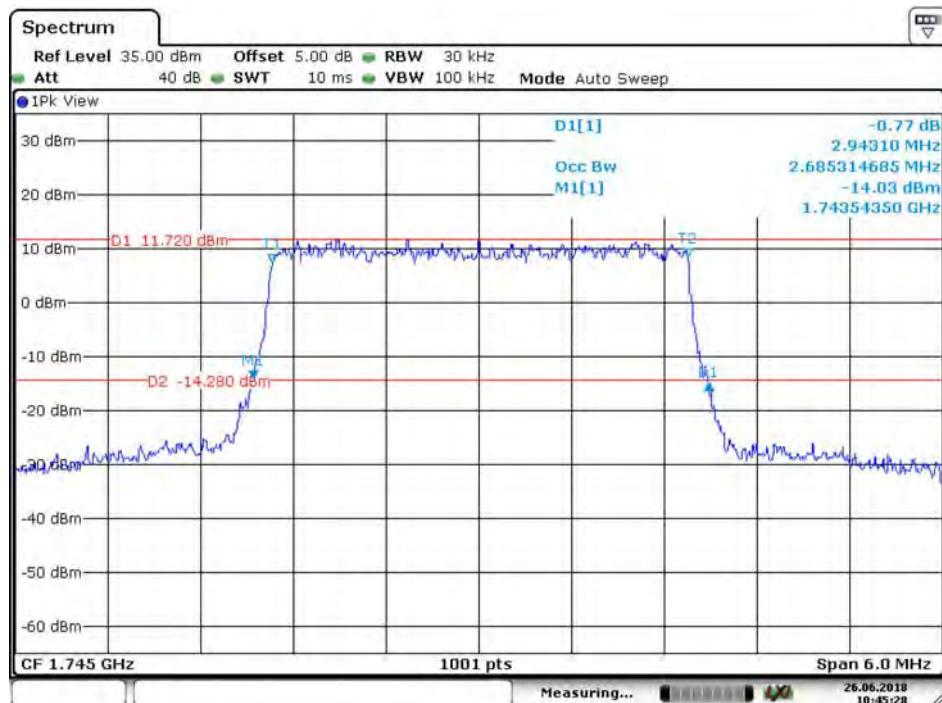
4.1.1.6 Test Mode = LTE/TM3 3MHz

4.1.1.6.1 Test Channel = LCH



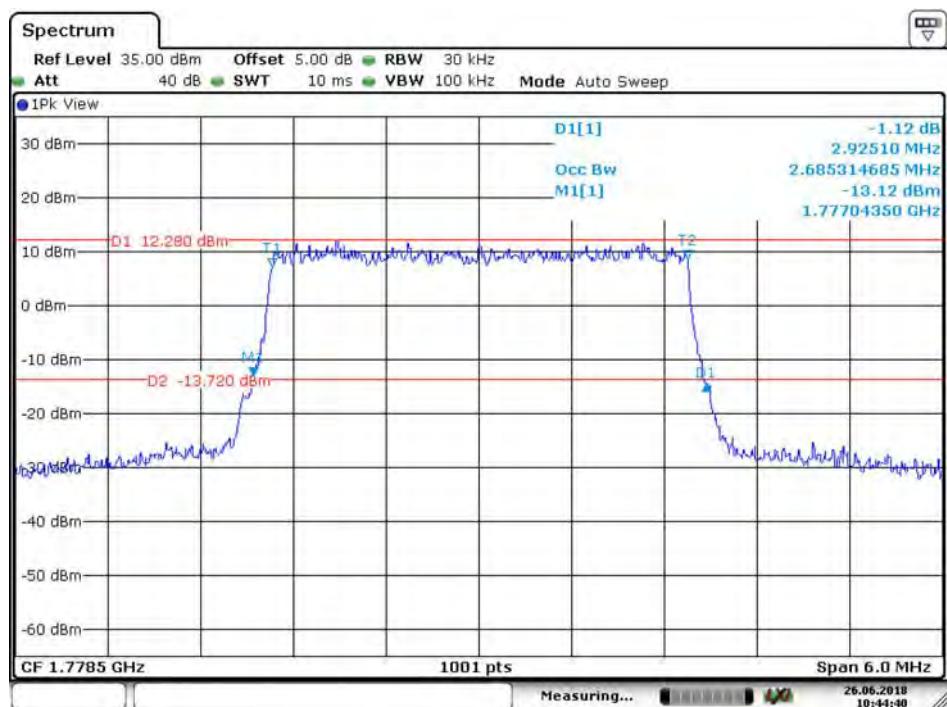
Date: 26 JUN.2018 10:46:16

4.1.1.6.2 Test Channel = MCH



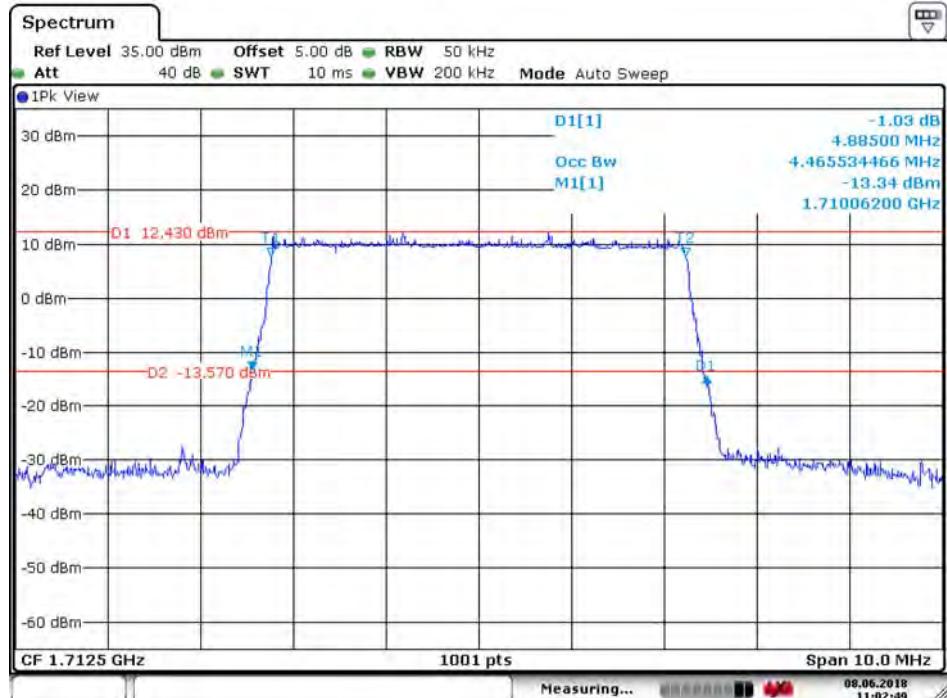
Date: 26 JUN.2018 10:45:28

4.1.1.6.3 Test Channel = HCH



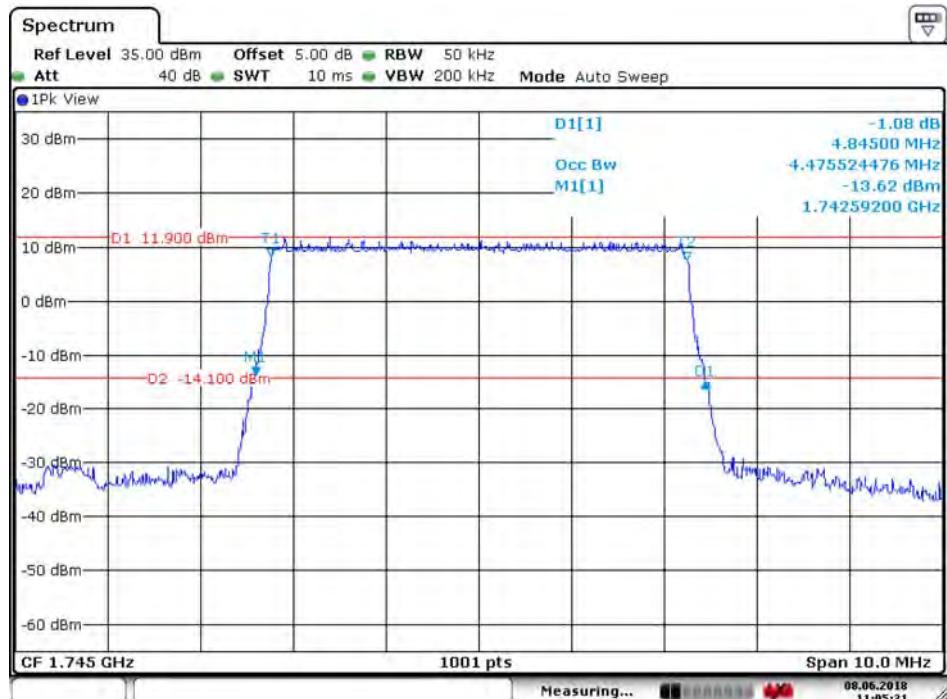
4.1.1.7 Test Mode = LTE/TM1 5MHz

4.1.1.7.1 Test Channel = LCH



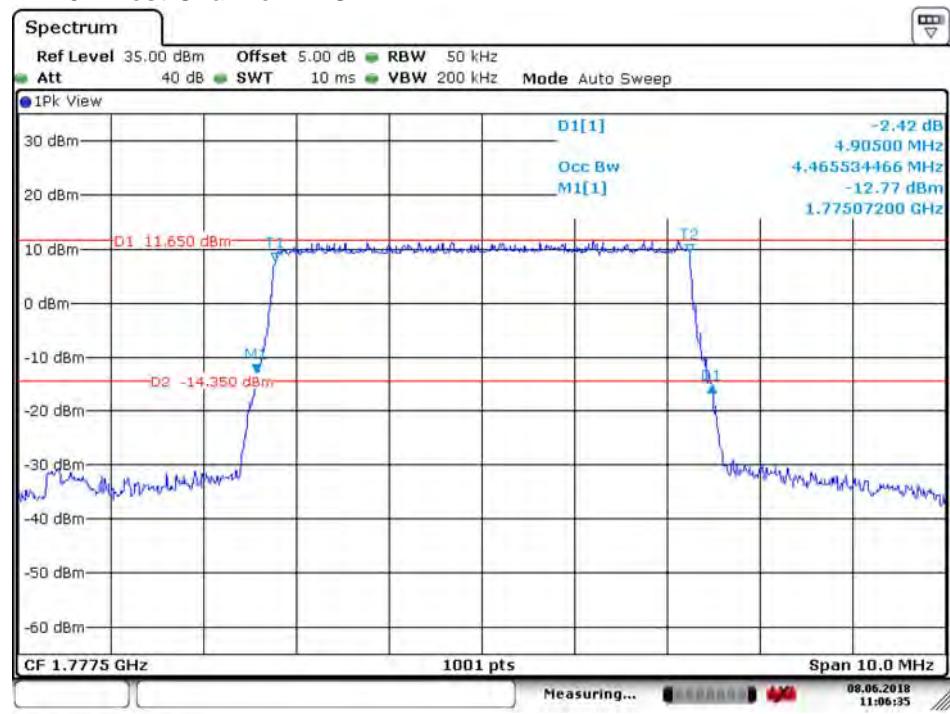
Date: 8.JUN.2018 11:02:49

4.1.1.7.2 Test Channel = MCH



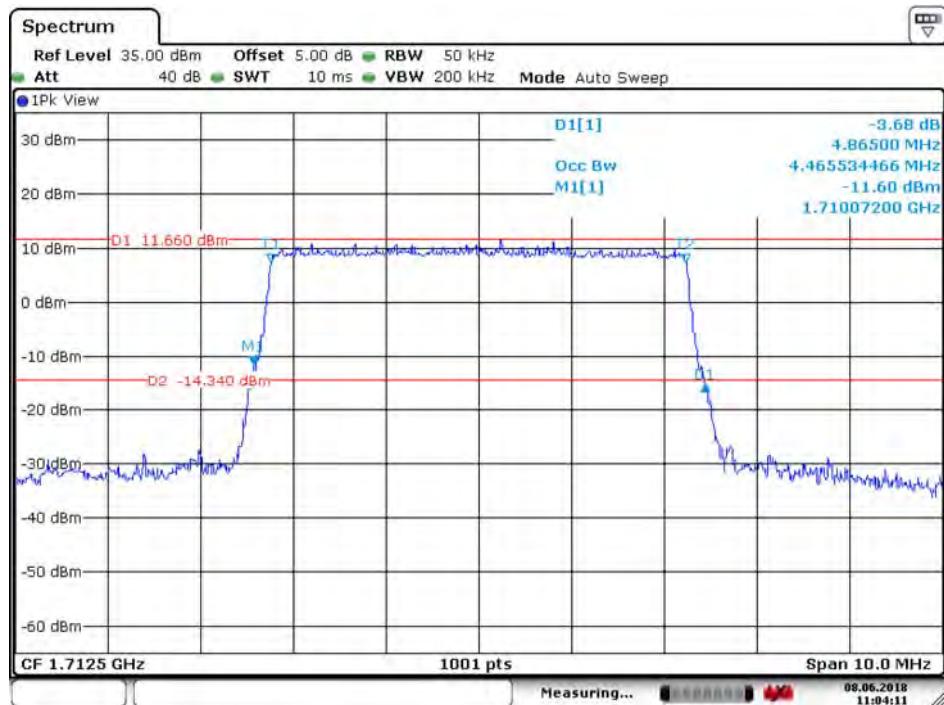
Date: 8.JUN.2018 11:05:32

4.1.1.7.3 Test Channel = HCH

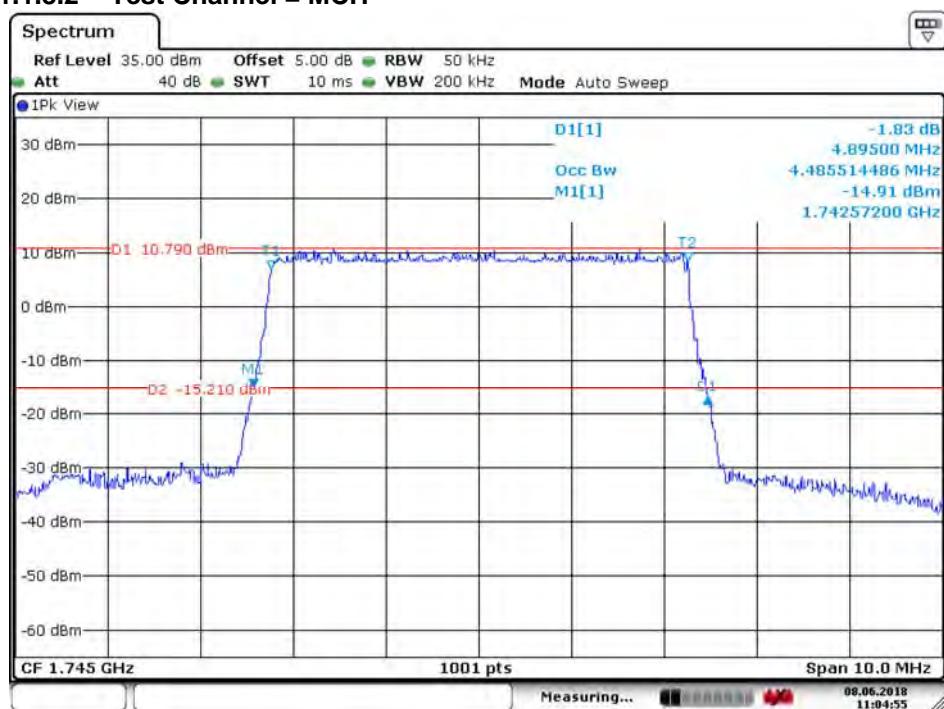


4.1.1.8 Test Mode = LTE/TM2 5MHz

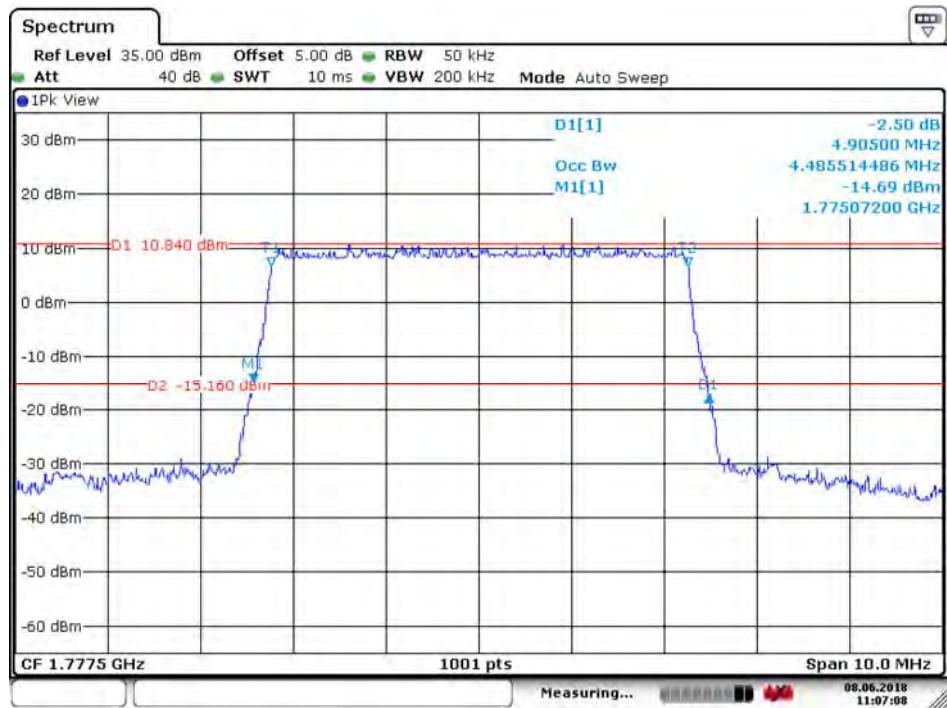
4.1.1.8.1 Test Channel = LCH



4.1.1.8.2 Test Channel = MCH

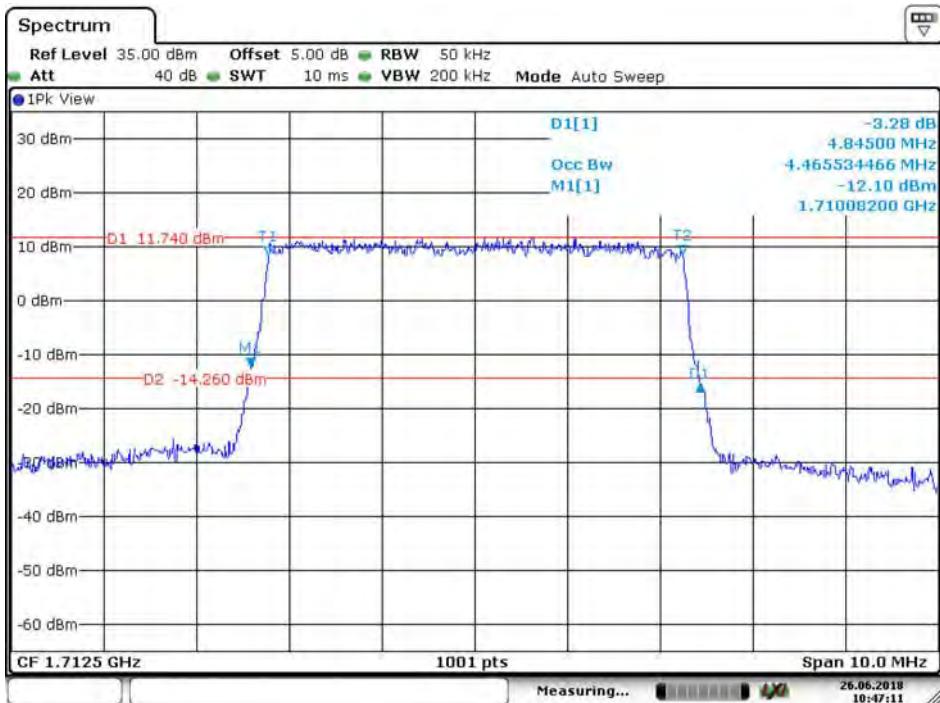


4.1.1.8.3 Test Channel = HCH



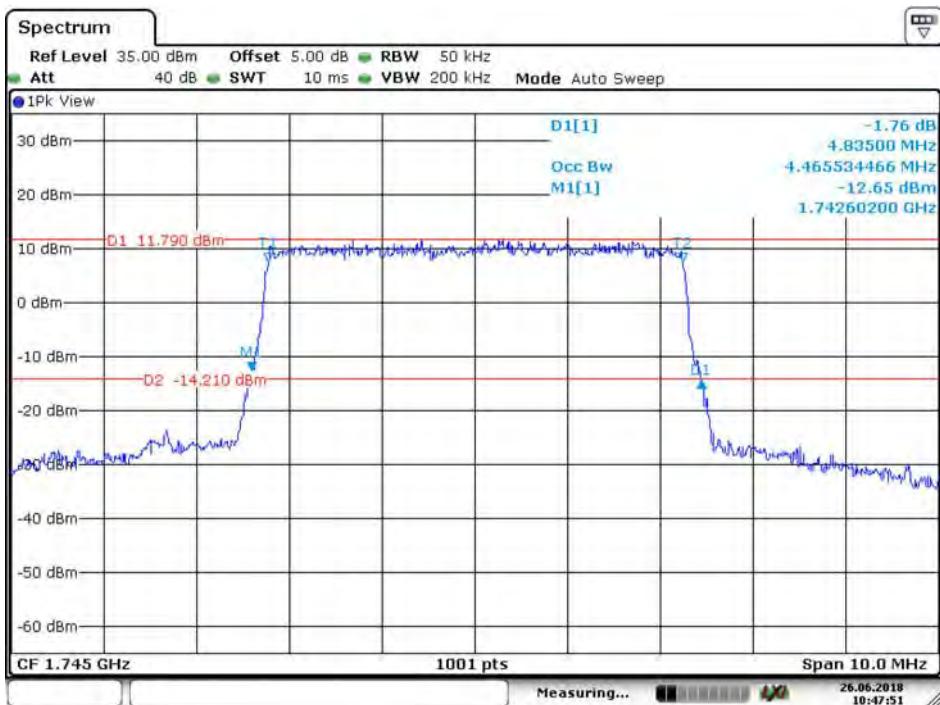
4.1.1.9 Test Mode = LTE/TM3 5MHz

4.1.1.9.1 Test Channel = LCH



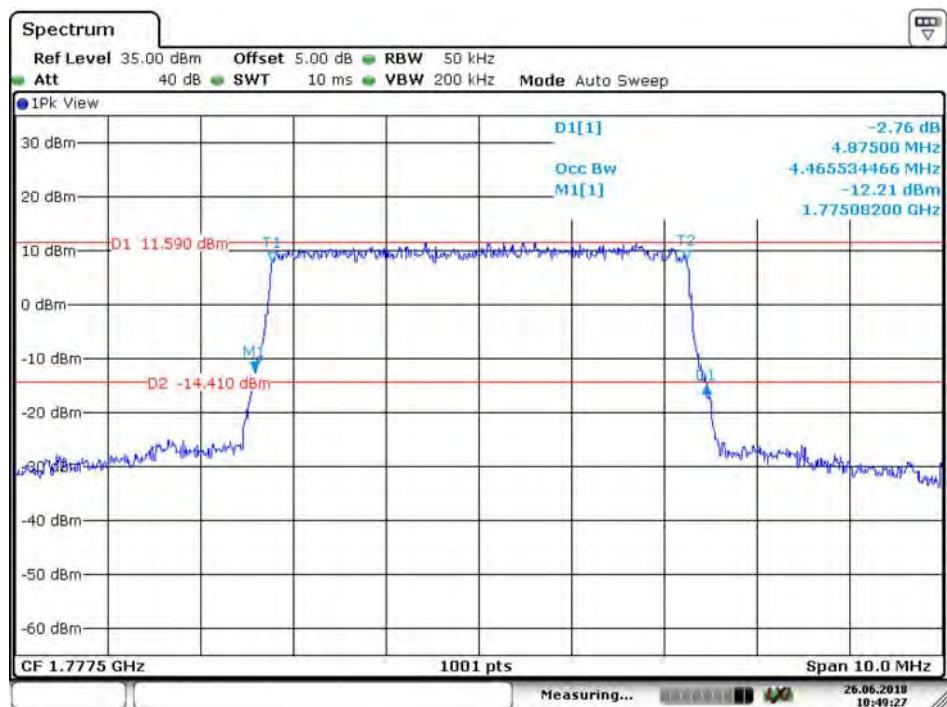
Date: 26.JUN.2018 10:47:12

4.1.1.9.2 Test Channel = MCH



Date: 26.JUN.2018 10:47:51

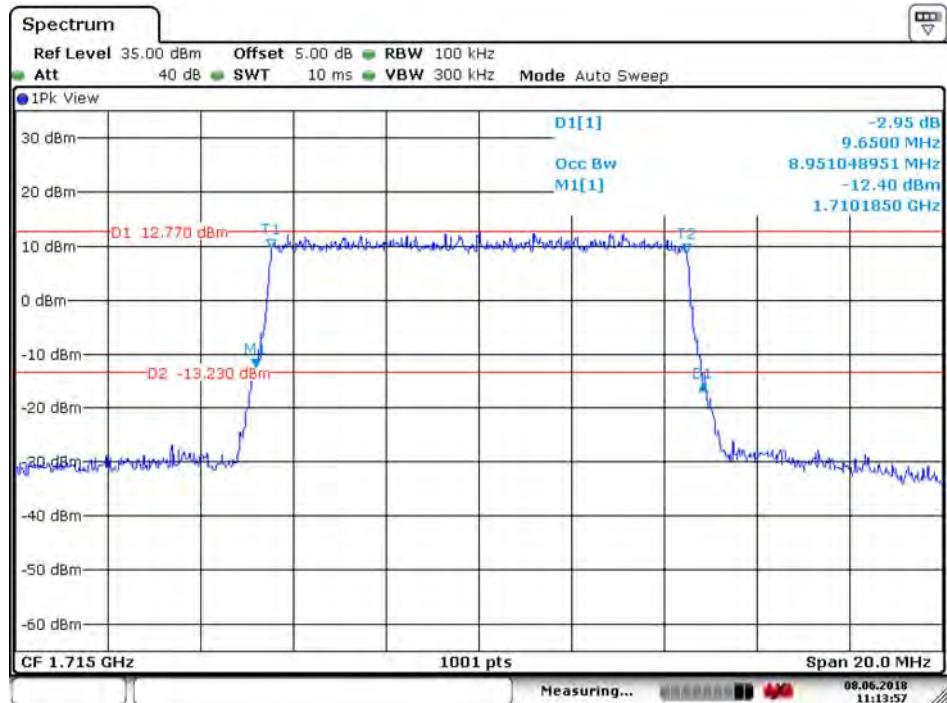
4.1.1.9.3 Test Channel = HCH



Date: 26 JUN.2018 10:49:28

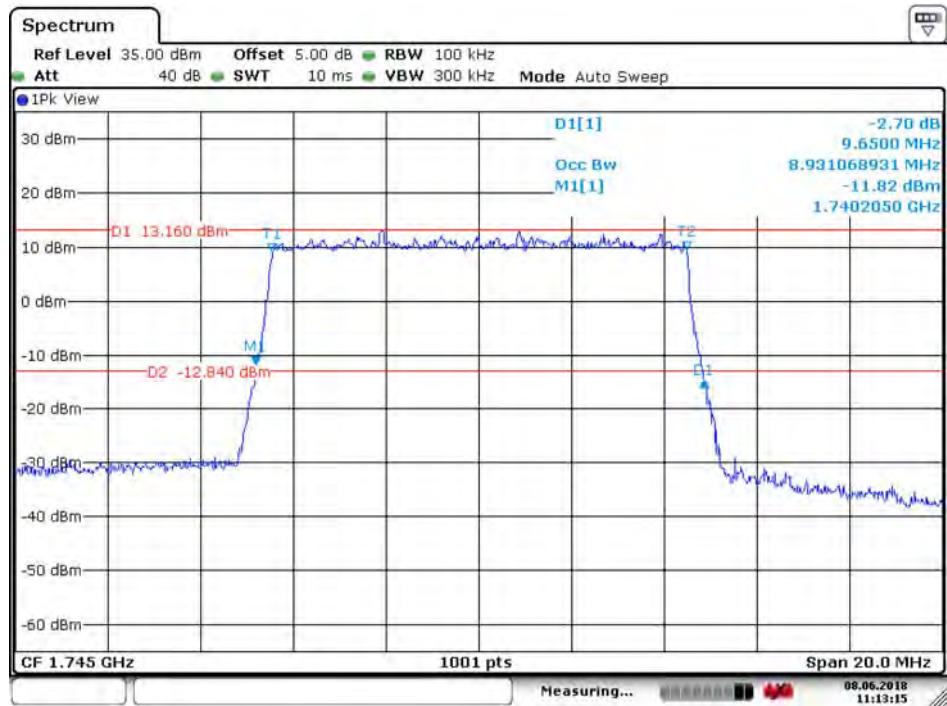
4.1.1.10 Test Mode = LTE/TM1 10MHz

4.1.1.10.1 Test Channel = LCH



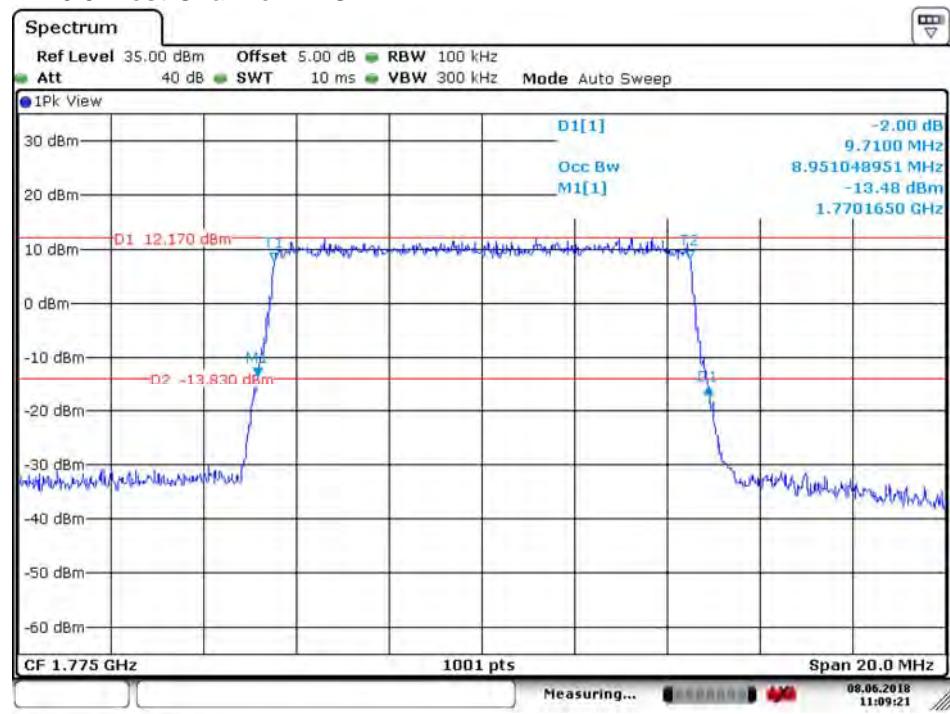
Date: 8.JUN.2018 11:13:58

4.1.1.10.2 Test Channel = MCH



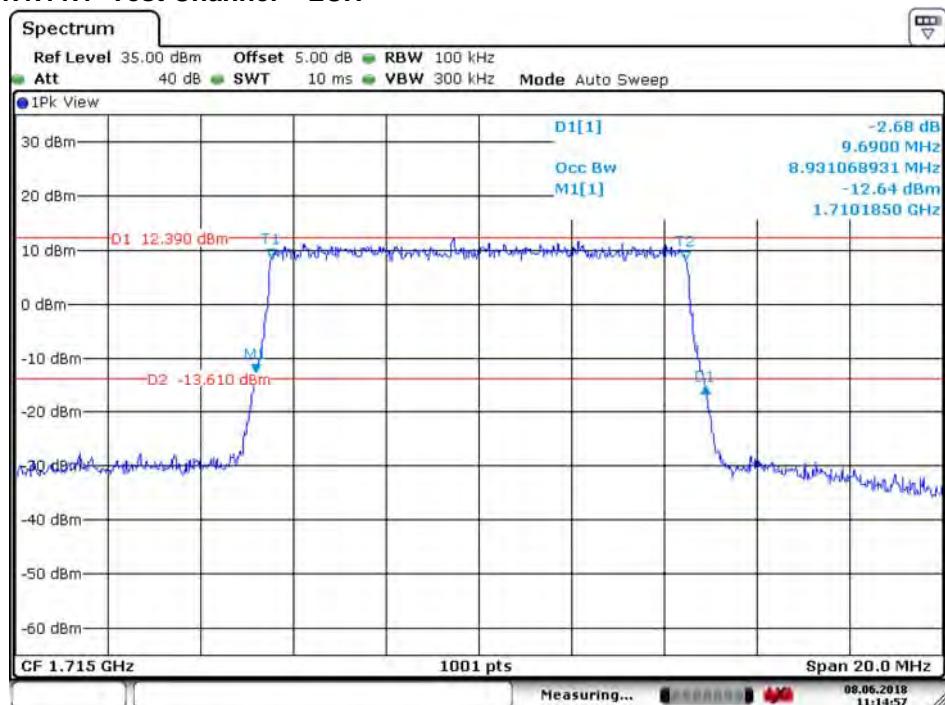
Date: 8.JUN.2018 11:13:15

4.1.1.10.3 Test Channel = HCH



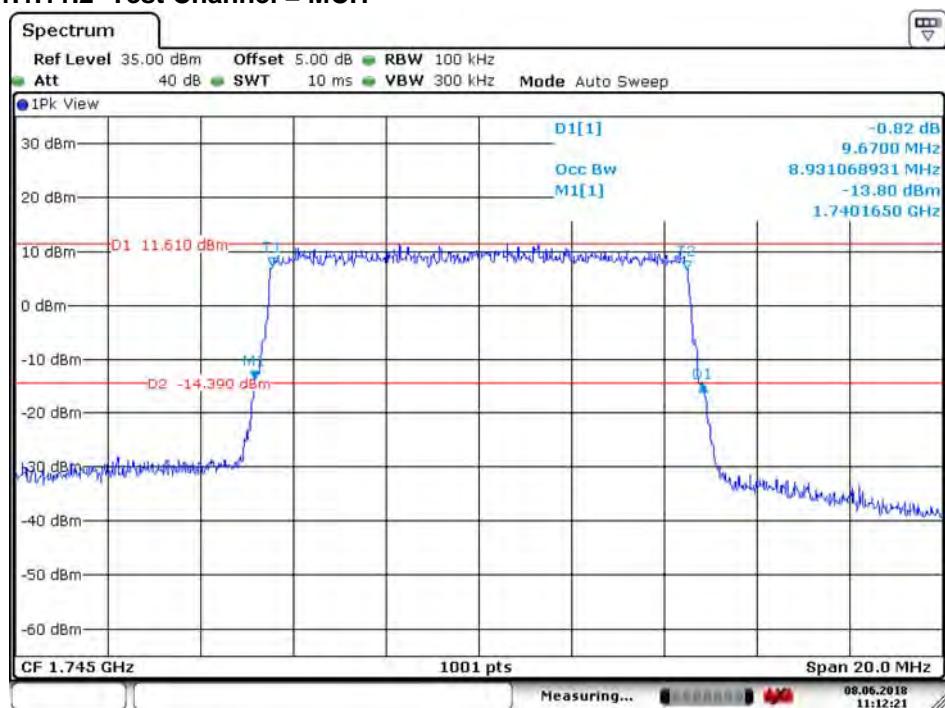
4.1.1.11 Test Mode = LTE/TM2 10MHz

4.1.1.11.1 Test Channel = LCH



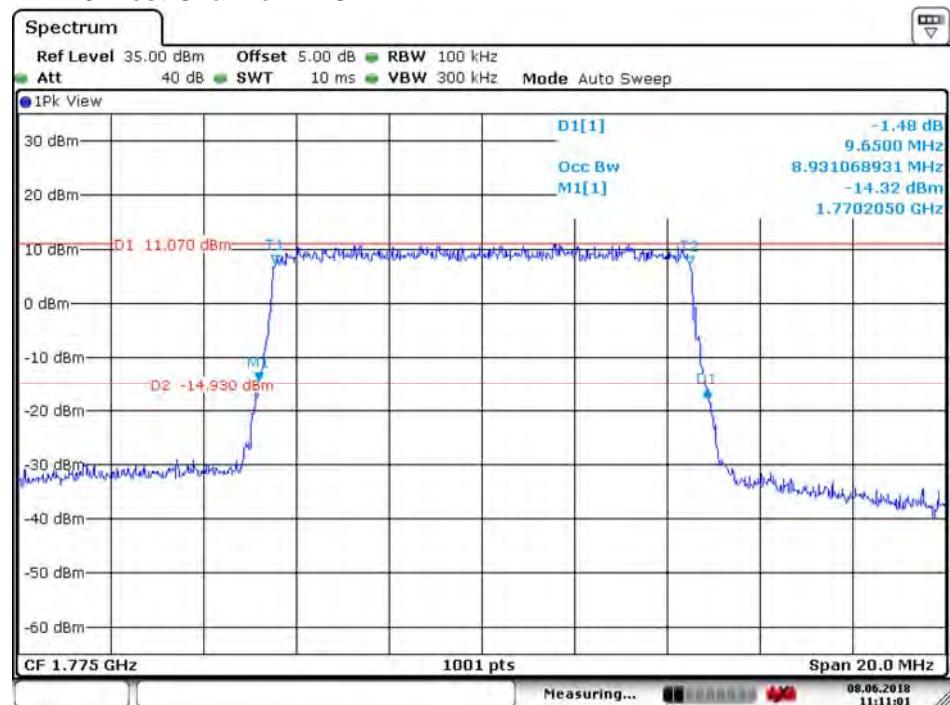
Date: 8.JUN.2018 11:14:57

4.1.1.11.2 Test Channel = MCH



Date: 8.JUN.2018 11:12:21

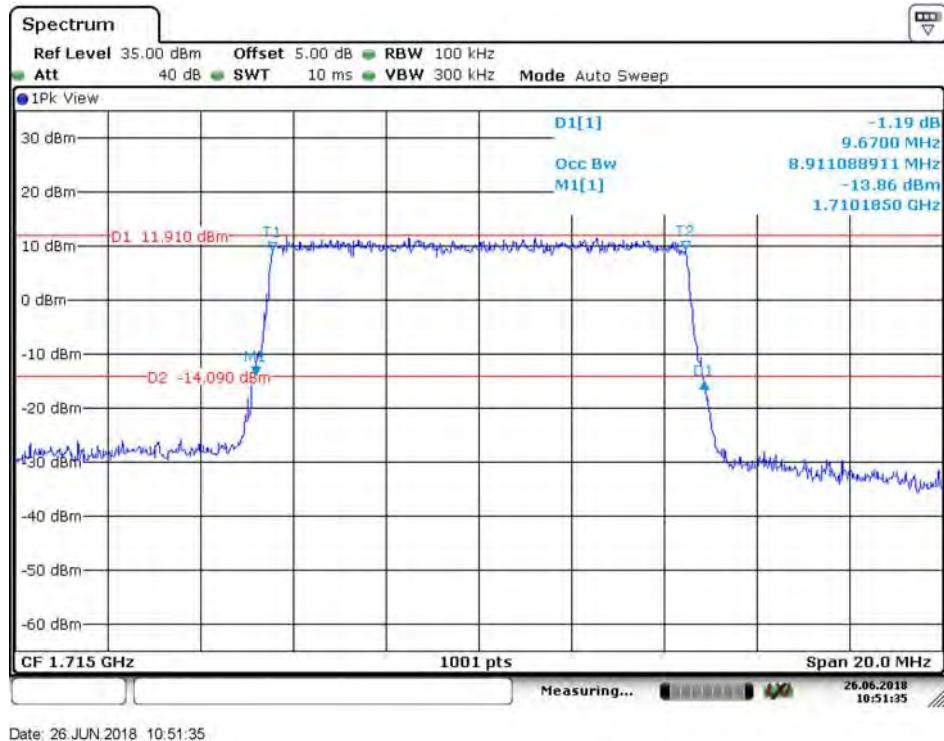
4.1.1.11.3 Test Channel = HCH



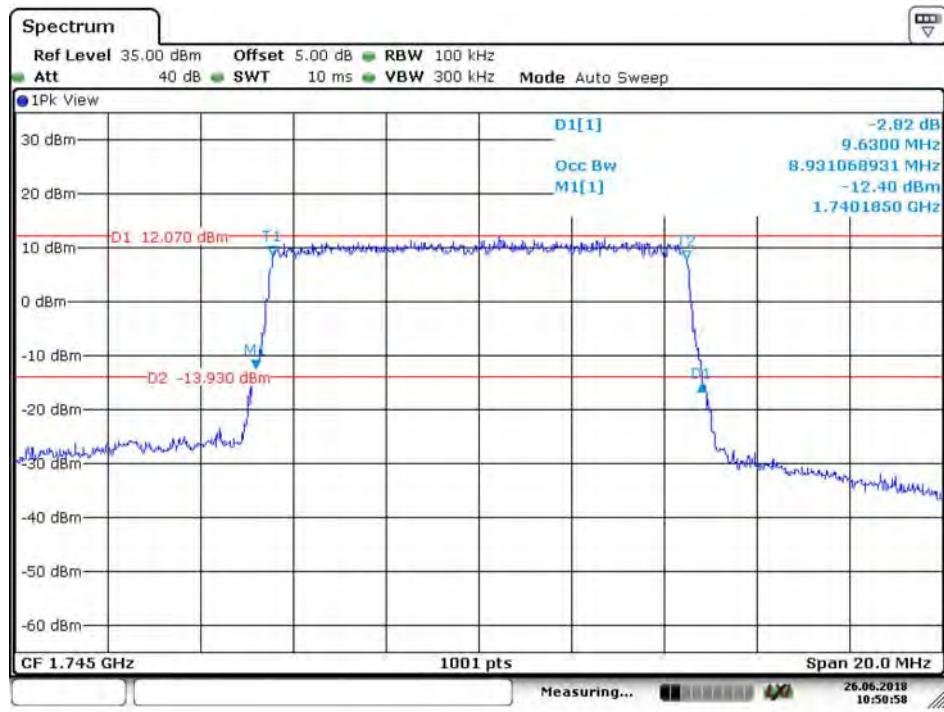
Date: 8.JUN.2018 11:11:01

4.1.1.12 Test Mode = LTE/TM3 10MHz

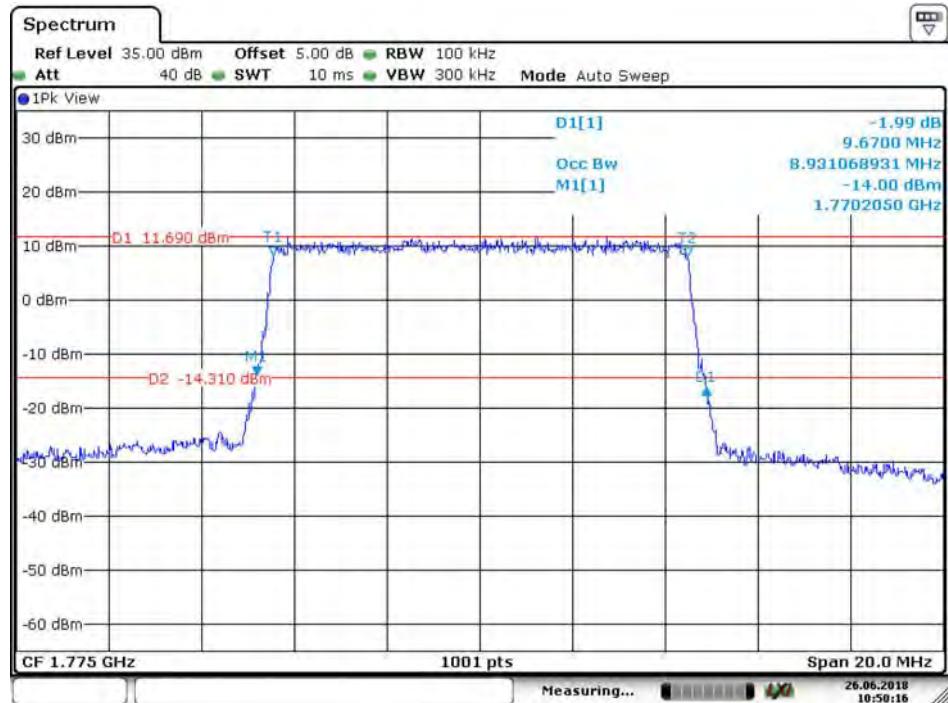
4.1.1.12.1 Test Channel = LCH



4.1.1.12.2 Test Channel = MCH



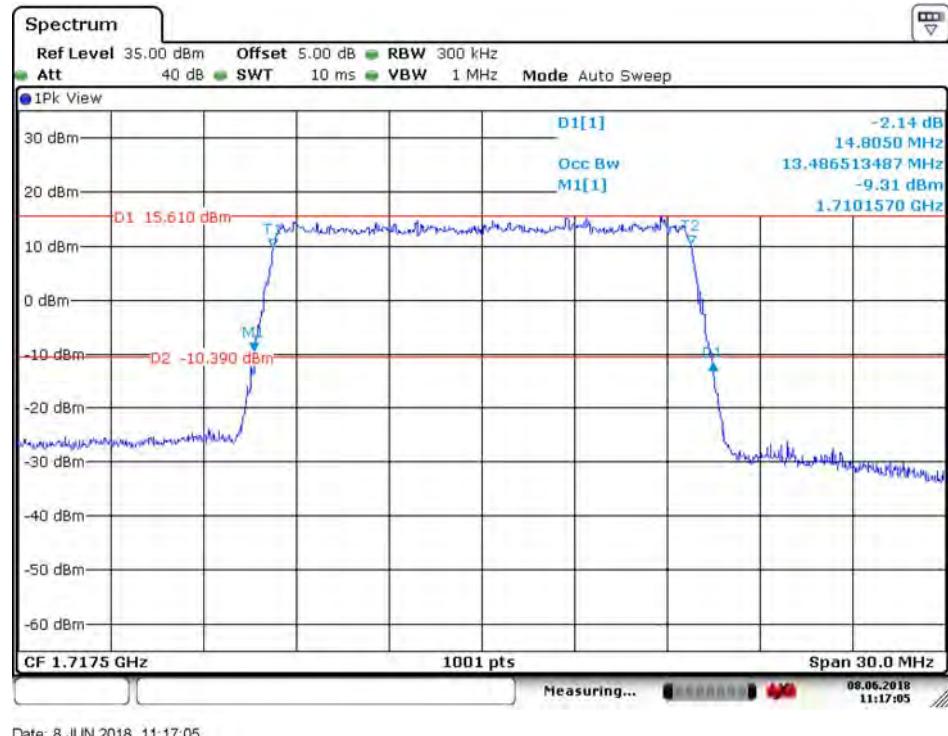
4.1.1.12.3 Test Channel = HCH



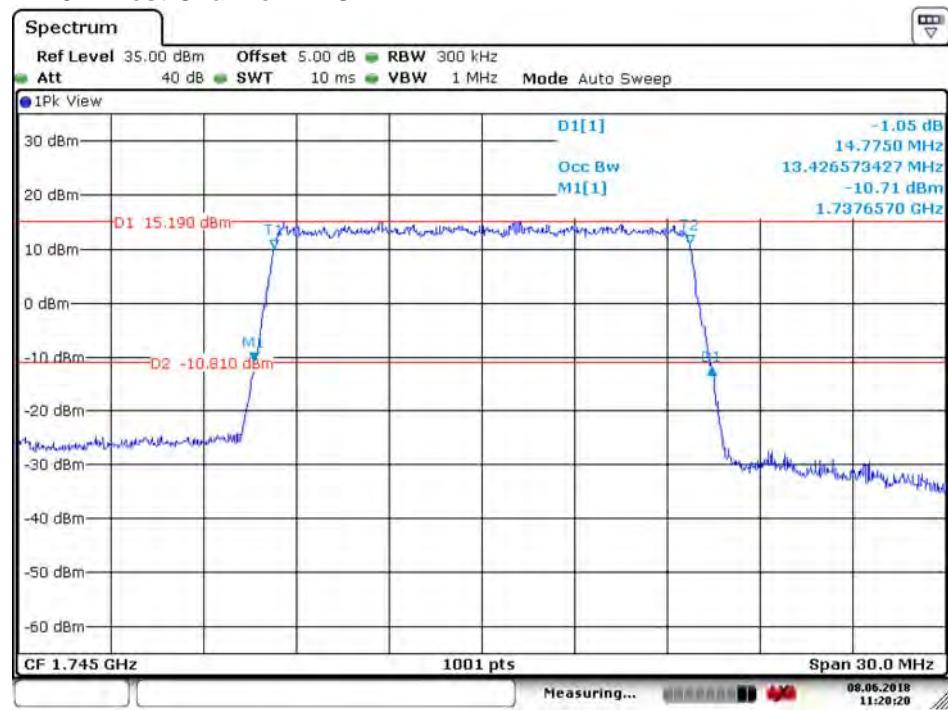
Date: 26 JUN 2018 10:50:16

4.1.1.13 Test Mode = LTE/TM1 15MHz

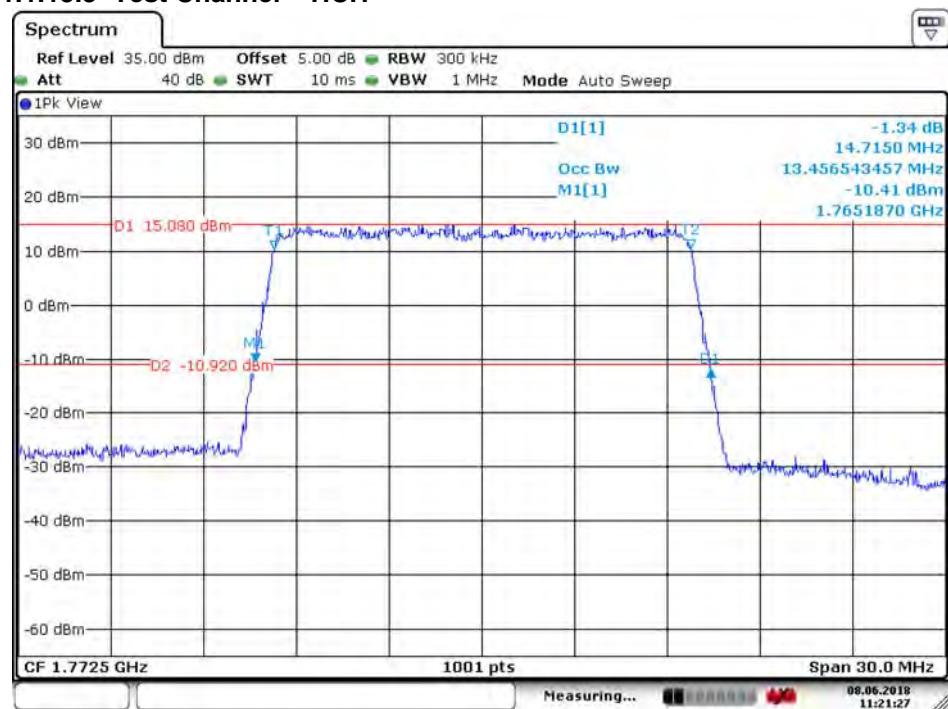
4.1.1.13.1 Test Channel = LCH



4.1.1.13.2 Test Channel = MCH



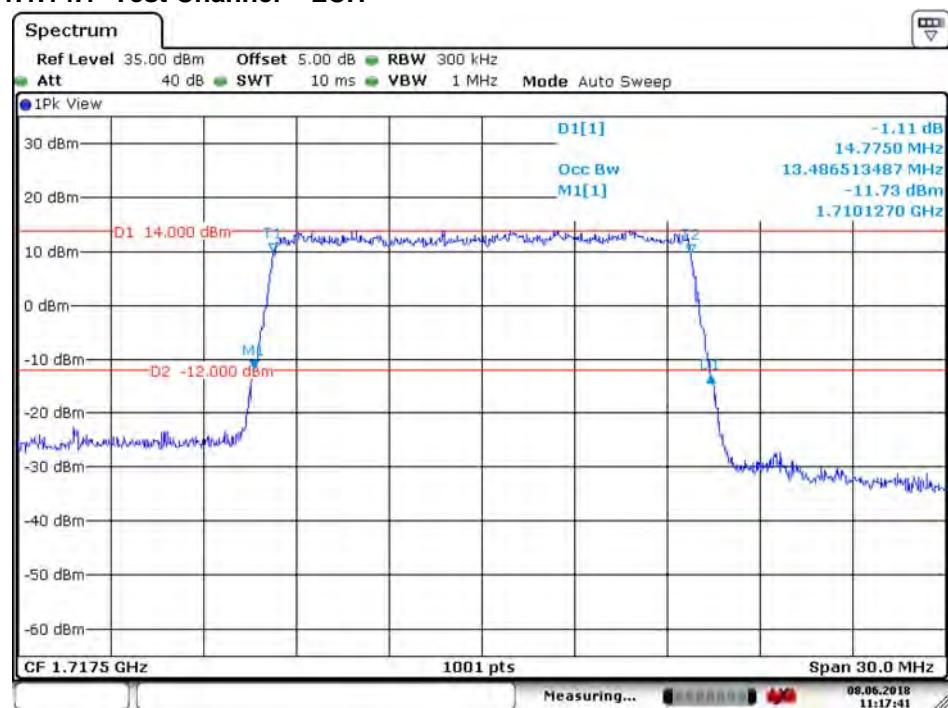
4.1.1.13.3 Test Channel = HCH



Date: 8.JUN.2018 11:21:28

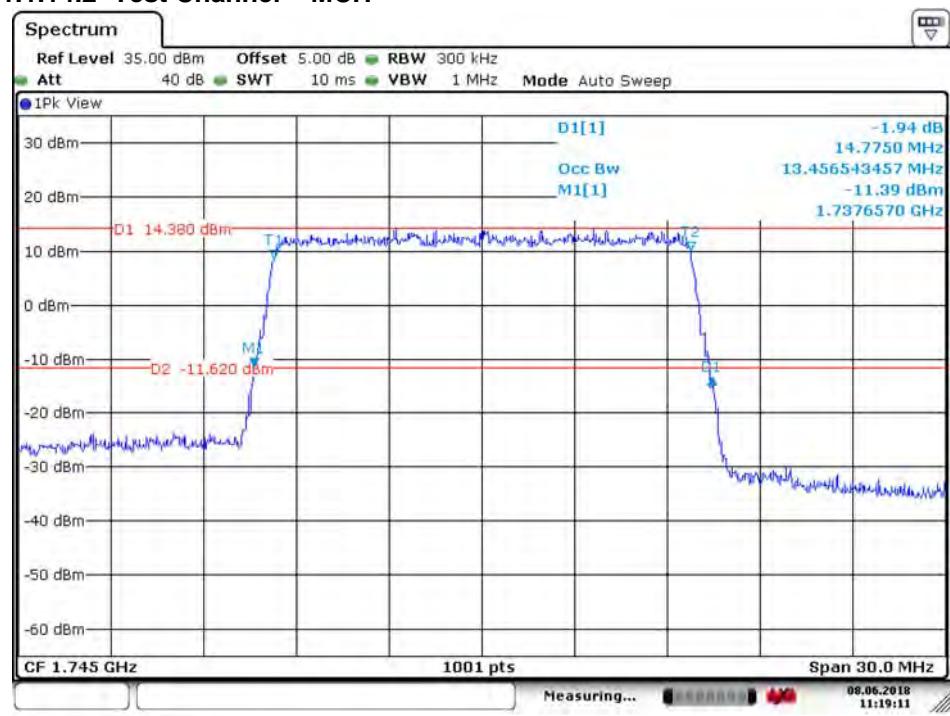
4.1.1.14 Test Mode = LTE/TM2 15MHz

4.1.1.14.1 Test Channel = LCH

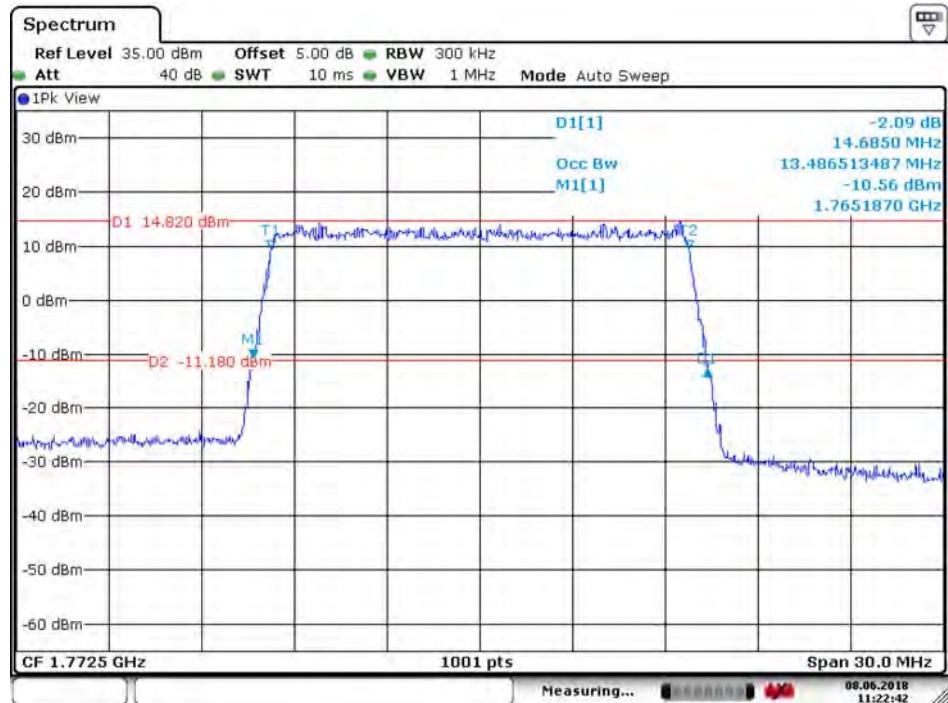


Date: 8.JUN.2018 11:17:42

4.1.1.14.2 Test Channel = MCH



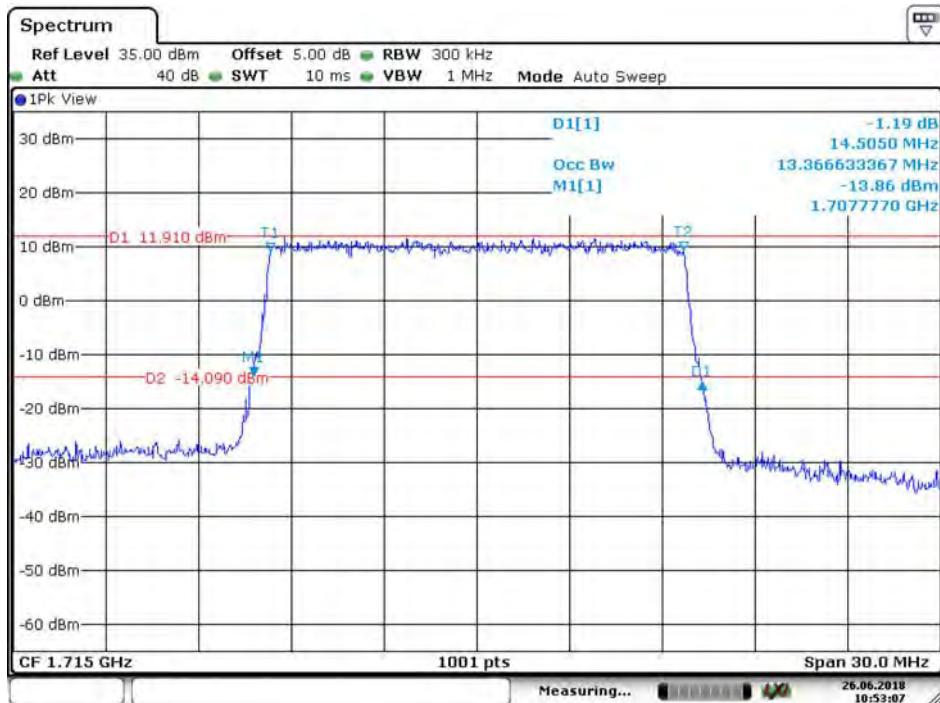
4.1.1.14.3 Test Channel = HCH



Date: 8.JUN.2018 11:22:43

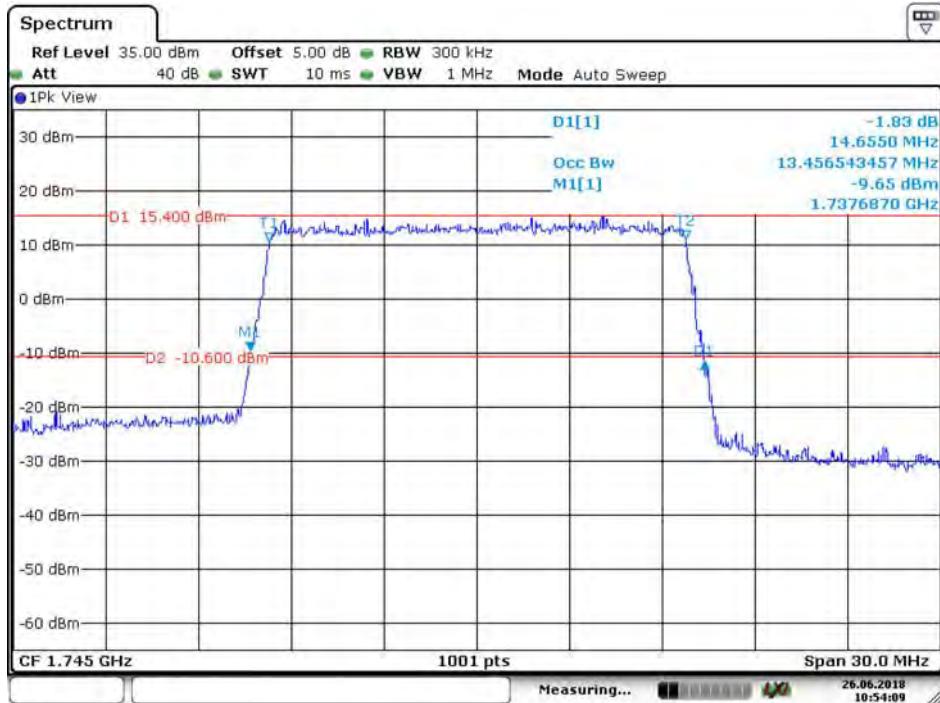
4.1.1.15 Test Mode = LTE/TM3 15MHz

4.1.1.15.1 Test Channel = LCH



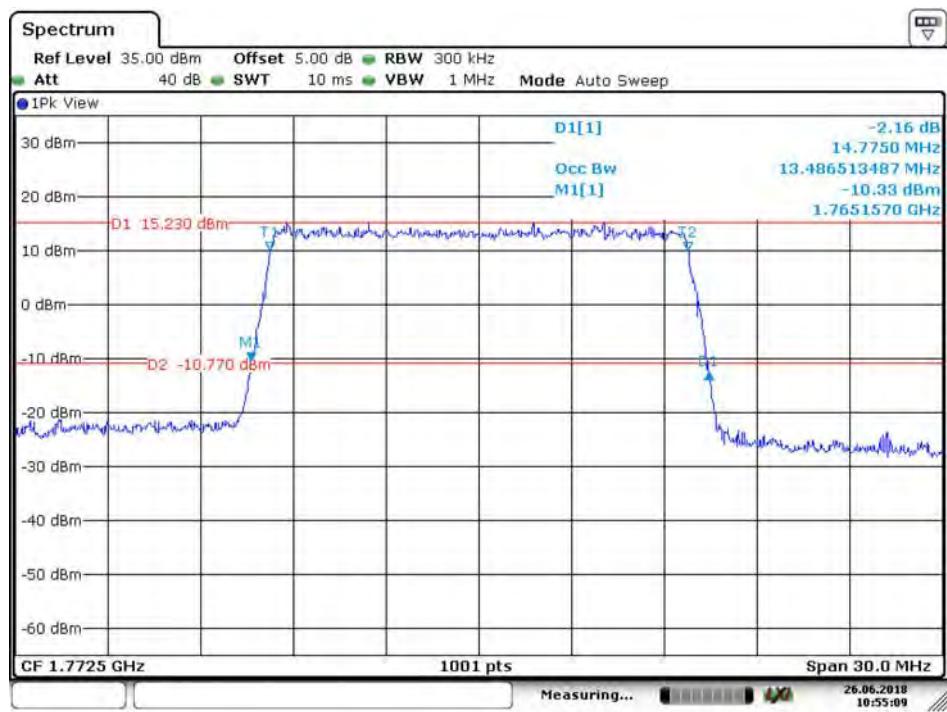
Date: 26.JUN.2018 10:53:08

4.1.1.15.2 Test Channel = MCH



Date: 26.JUN.2018 10:54:10

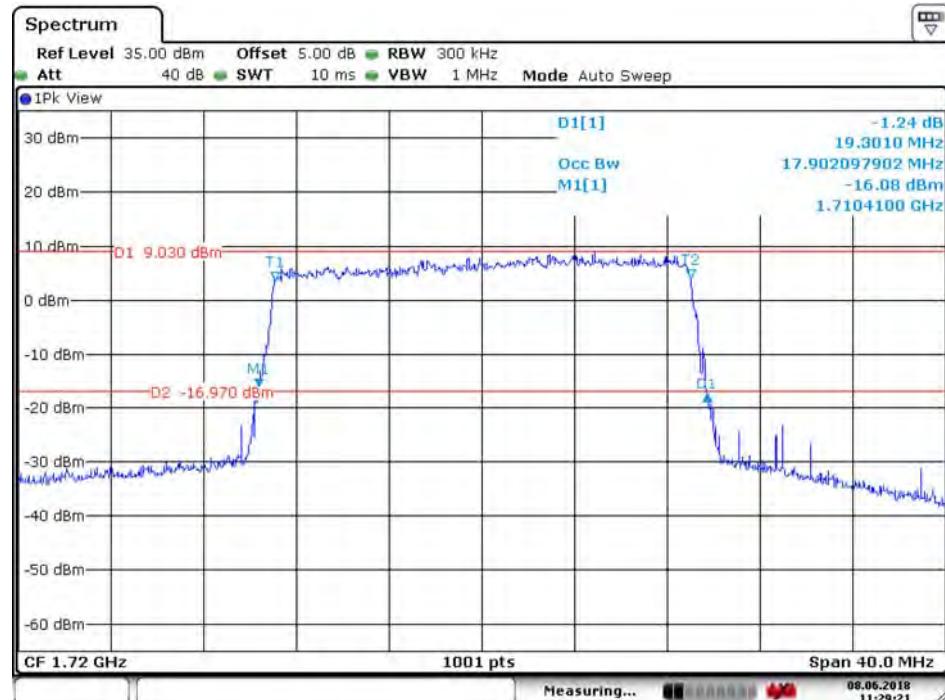
4.1.1.15.3 Test Channel = HCH



Date: 26 JUN.2018 10:55:09

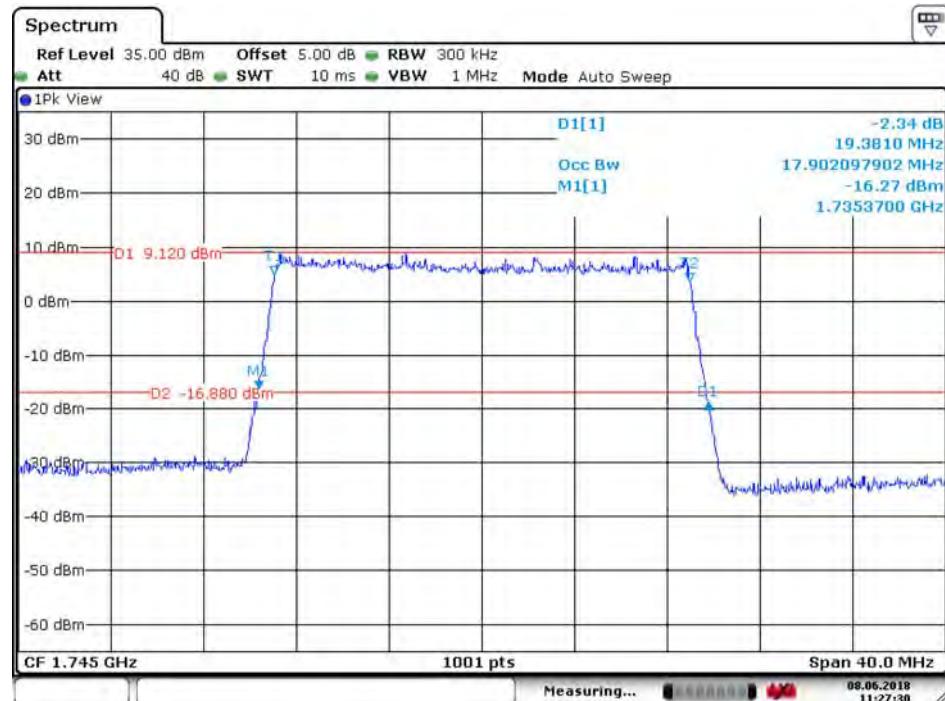
4.1.1.16 Test Mode = LTE/TM1 20MHz

4.1.1.16.1 Test Channel = LCH



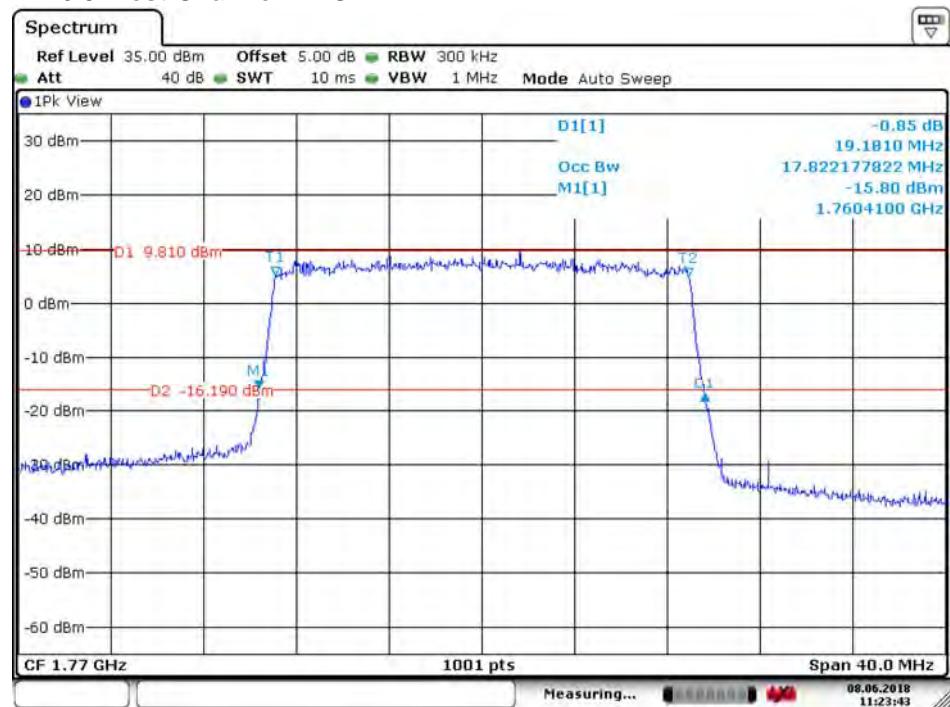
Date: 8.JUN.2018 11:29:21

4.1.1.16.2 Test Channel = MCH



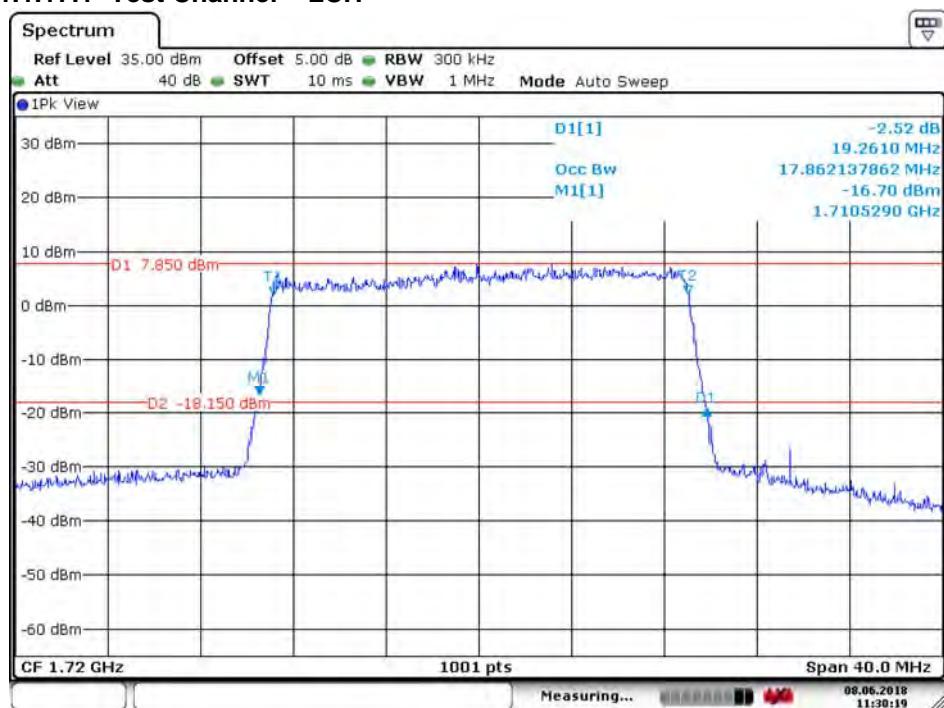
Date: 8.JUN.2018 11:27:31

4.1.1.16.3 Test Channel = HCH

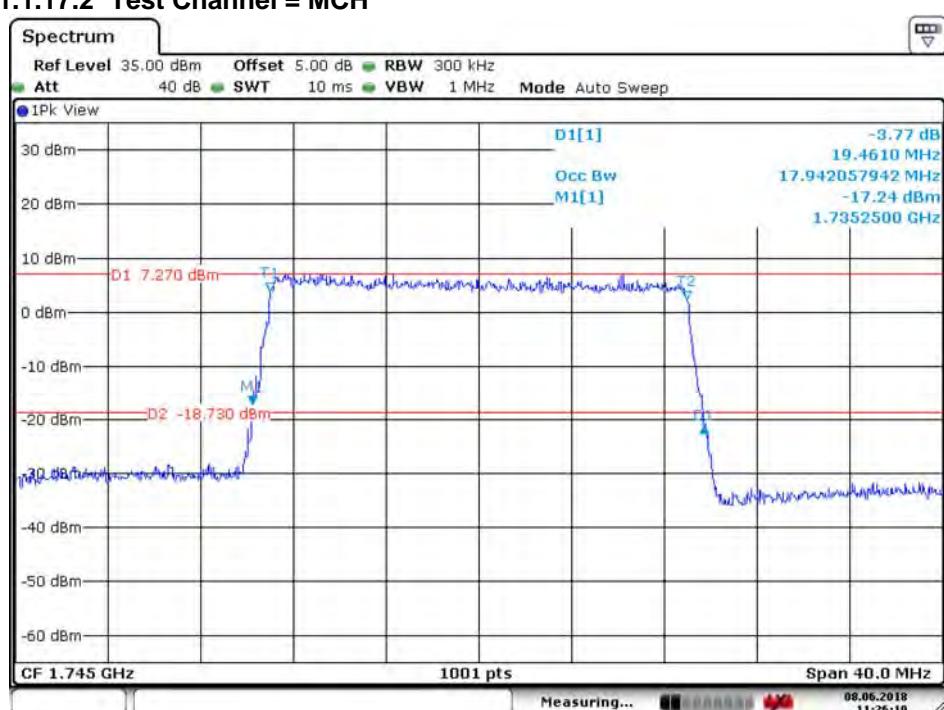


4.1.1.17 Test Mode = LTE/TM2 20MHz

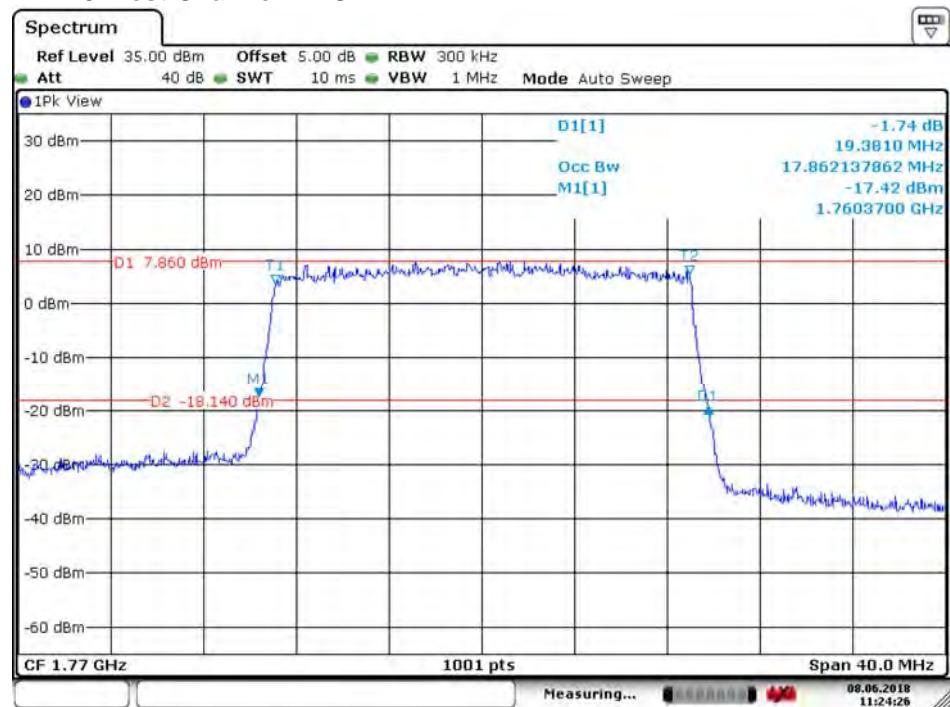
4.1.1.17.1 Test Channel = LCH



4.1.1.17.2 Test Channel = MCH

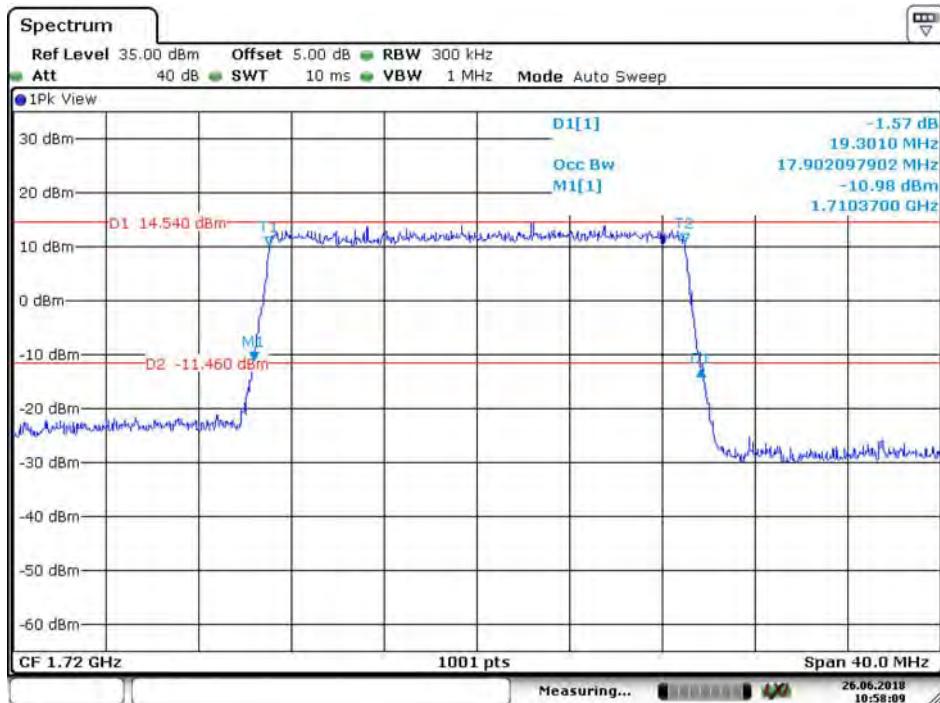


4.1.1.17.3 Test Channel = HCH



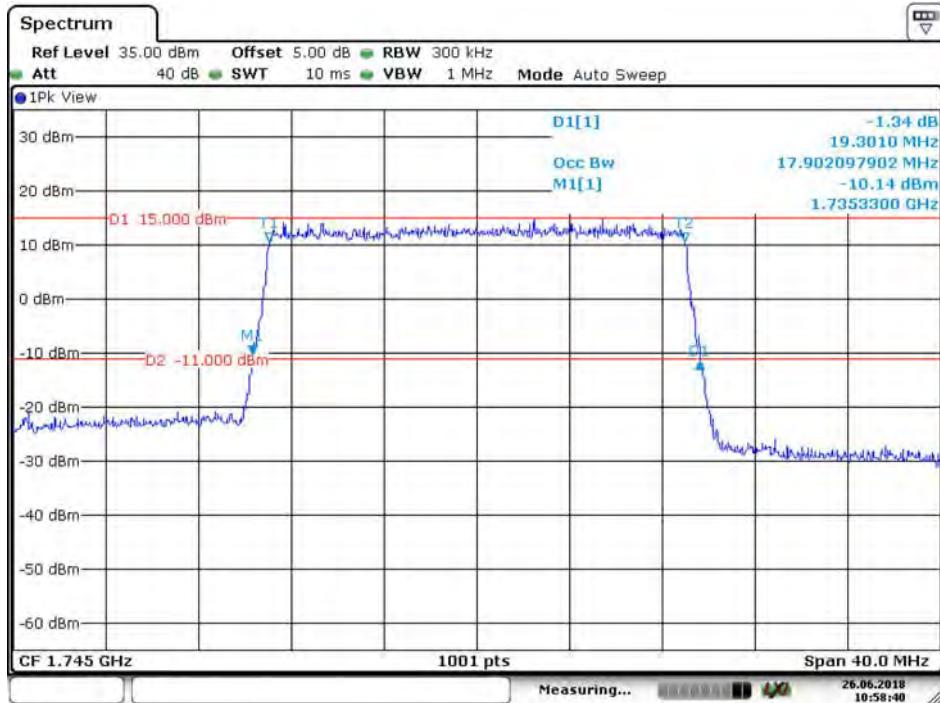
4.1.1.18 Test Mode = LTE/TM3 20MHz

4.1.1.18.1 Test Channel = LCH



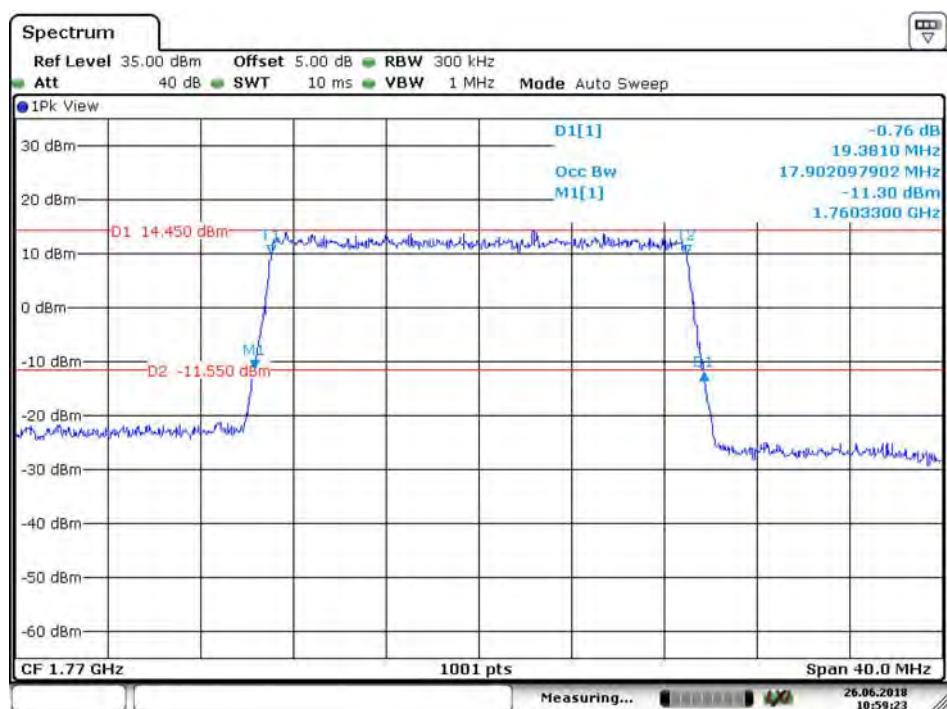
Date: 26.JUN.2018 10:58:10

4.1.1.18.2 Test Channel = MCH



Date: 26.JUN.2018 10:58:40

4.1.1.18.3 Test Channel = HCH



5 Band Edges Compliance

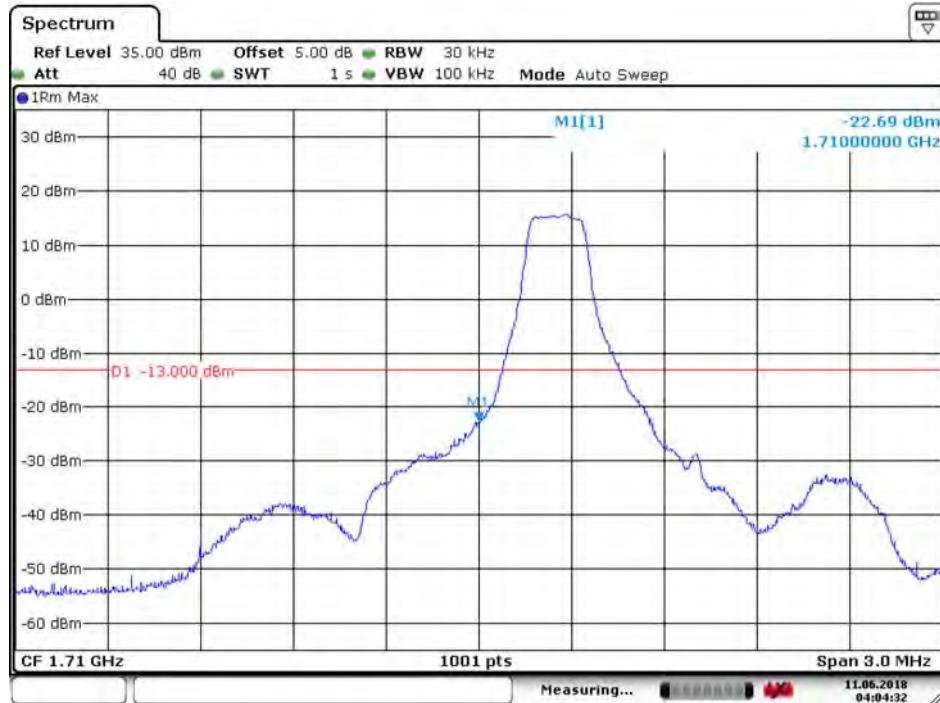
5.1 For LTE

5.1.1 Test Band = LTE BAND 66

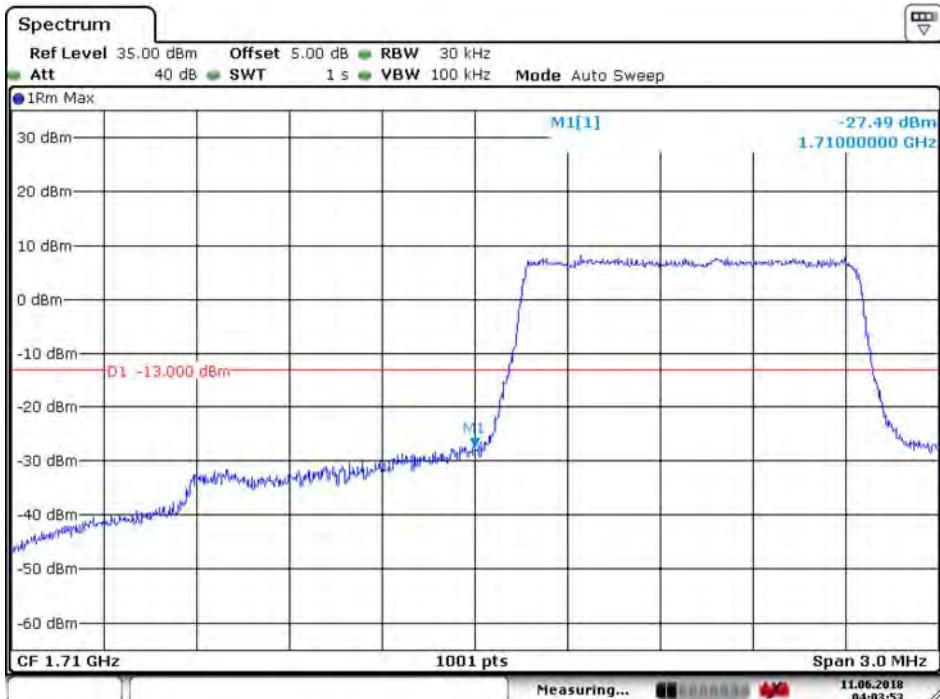
5.1.1.1 Test Mode = LTE/TM1 1.4MHz

5.1.1.1.1 Test Channel = LCH

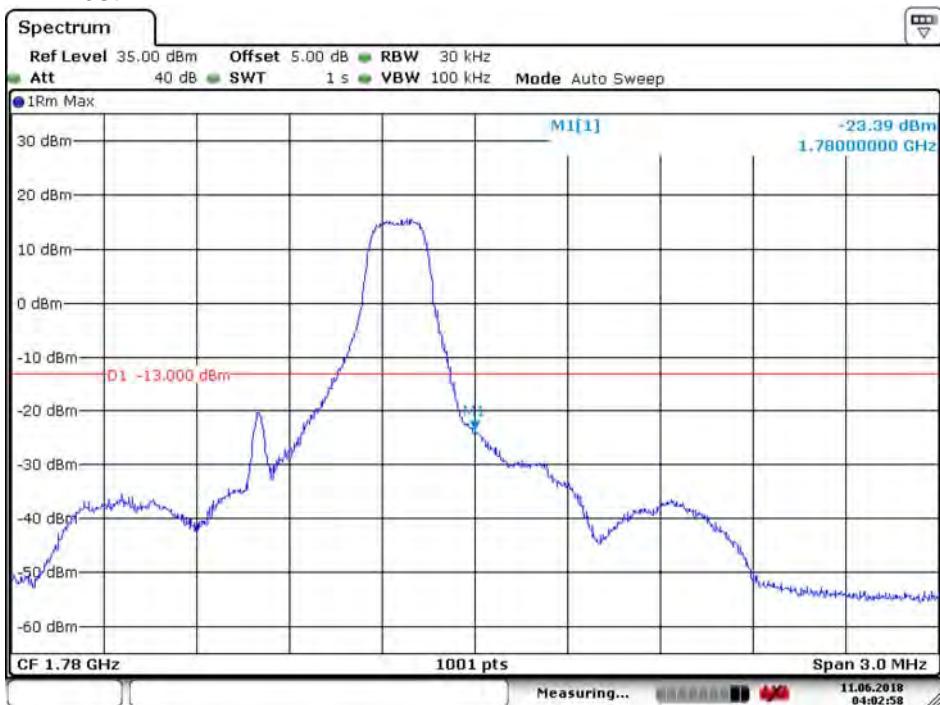
5.1.1.1.1.1 Test RB=1RB



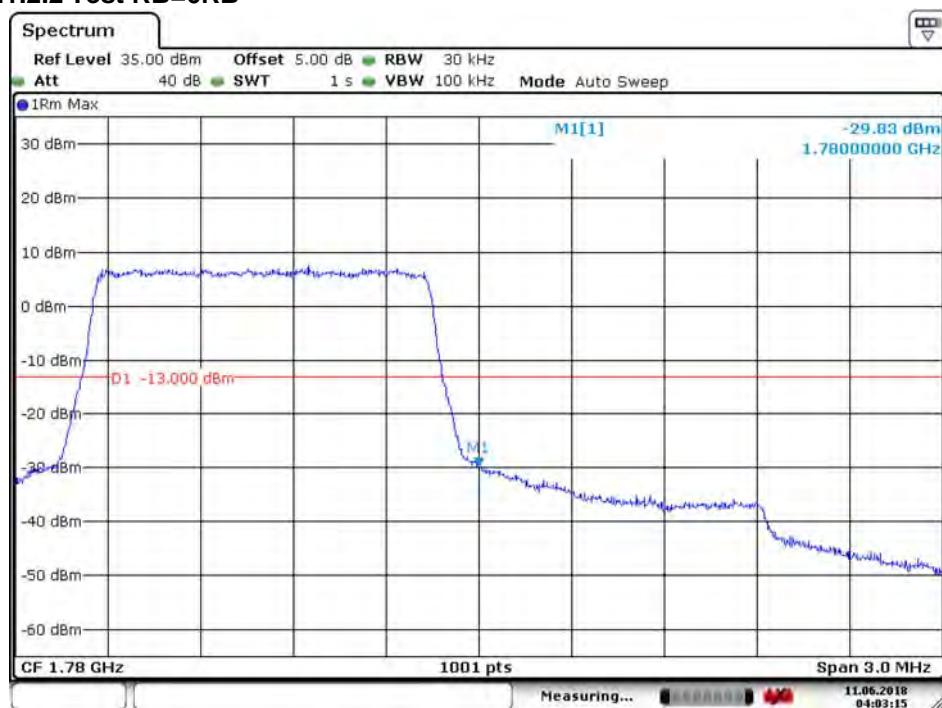
Date: 11.JUN.2018 04:04:32

5.1.1.1.1.2 Test RB=6RB

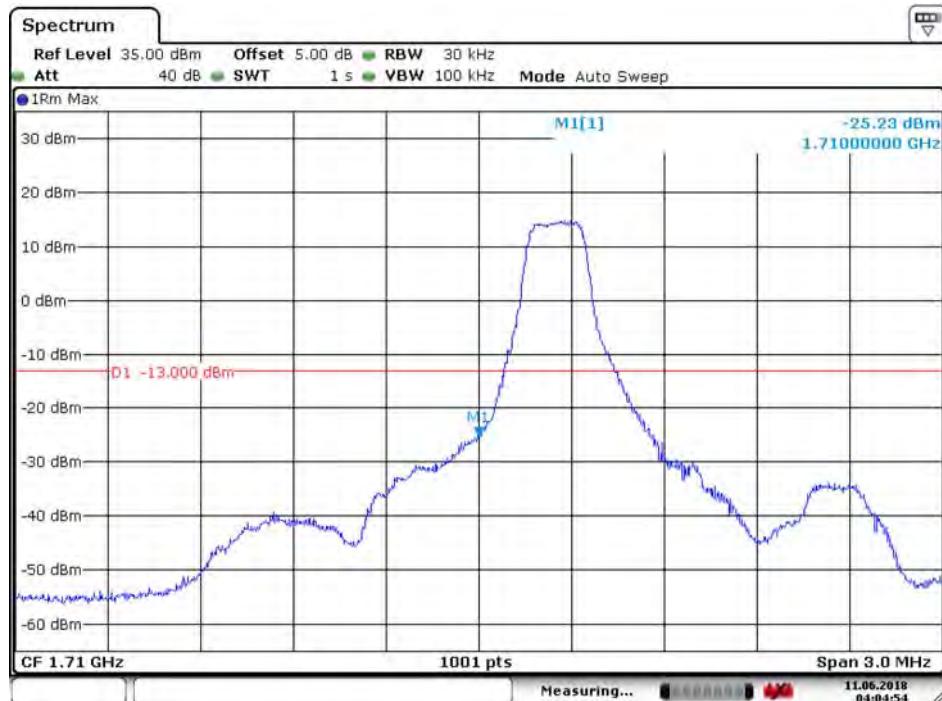
Date: 11.JUN.2018 04:03:54

5.1.1.1.2 Test Channel = HCH**5.1.1.1.2.1 Test RB=1RB**

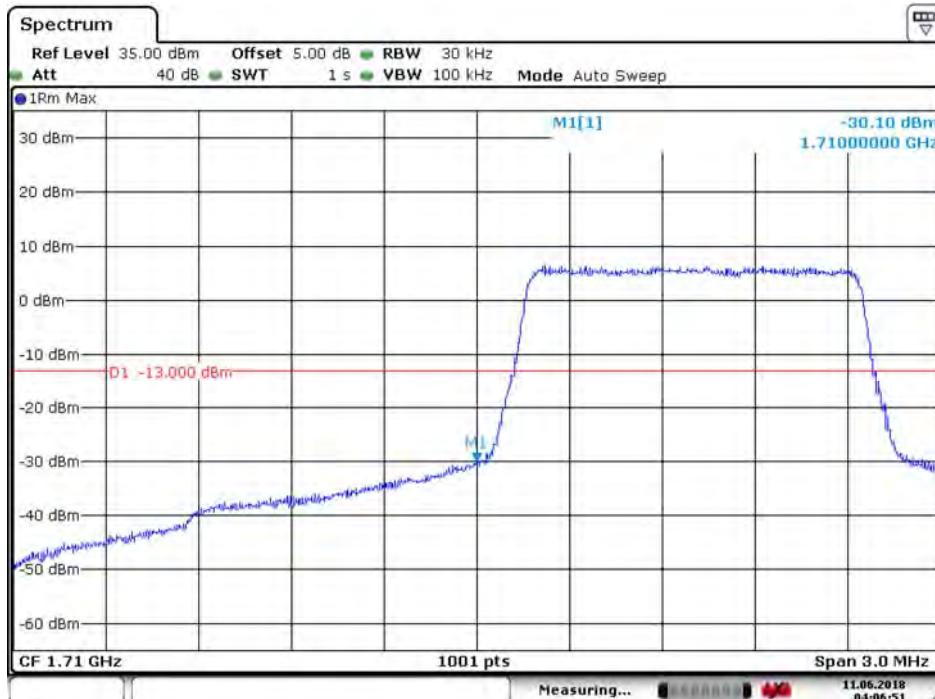
Date: 11.JUN.2018 04:02:58

5.1.1.1.2.2 Test RB=6RB

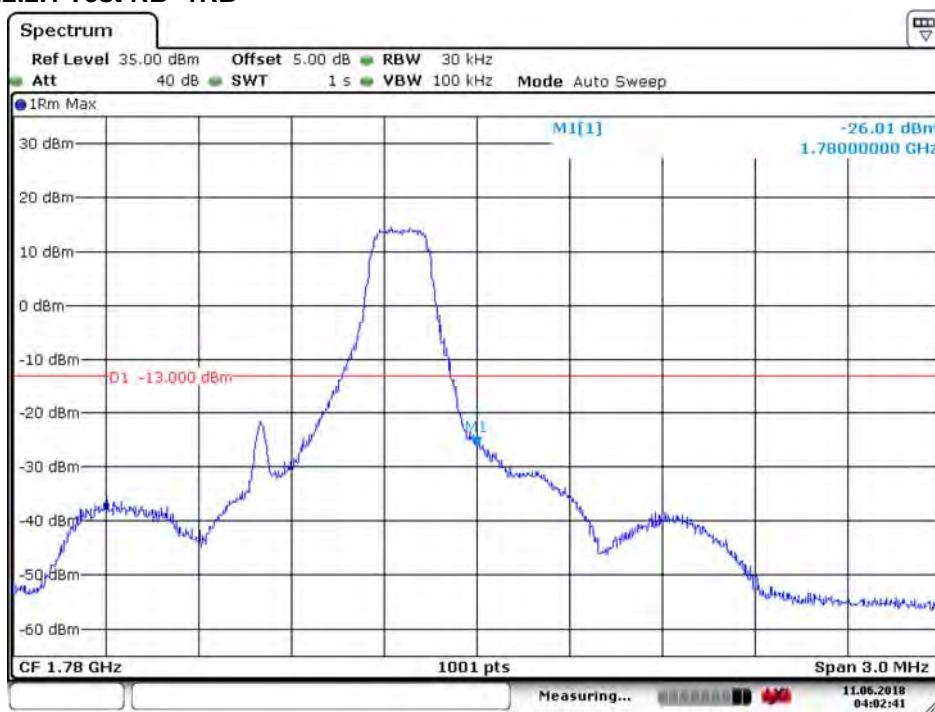
Date: 11.JUN.2018 04:03:15

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**

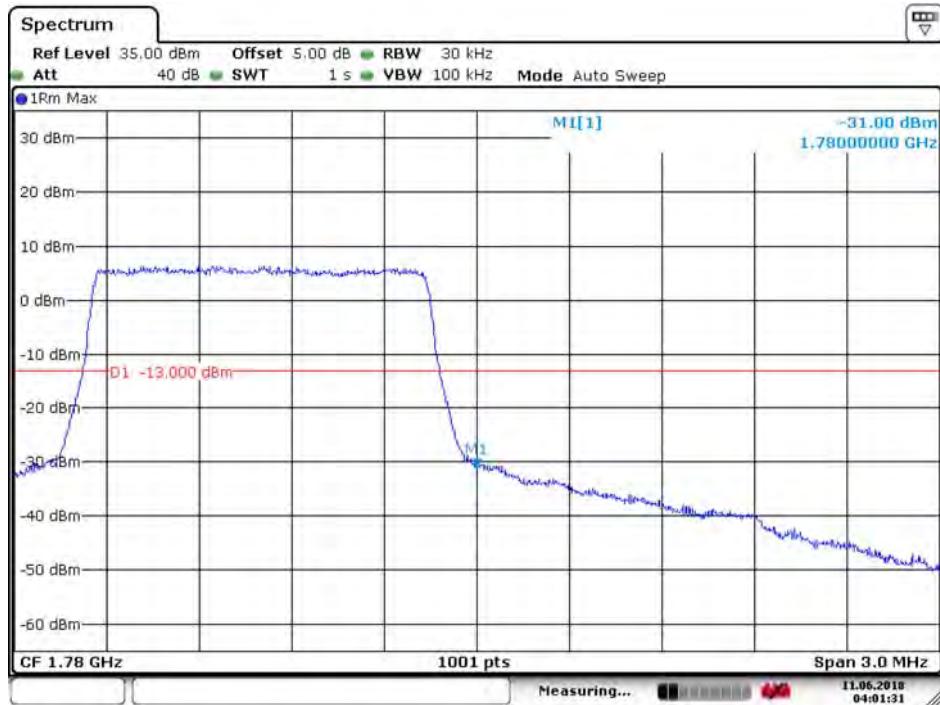
Date: 11.JUN.2018 04:04:54

5.1.1.2.1.2 Test RB=6RB

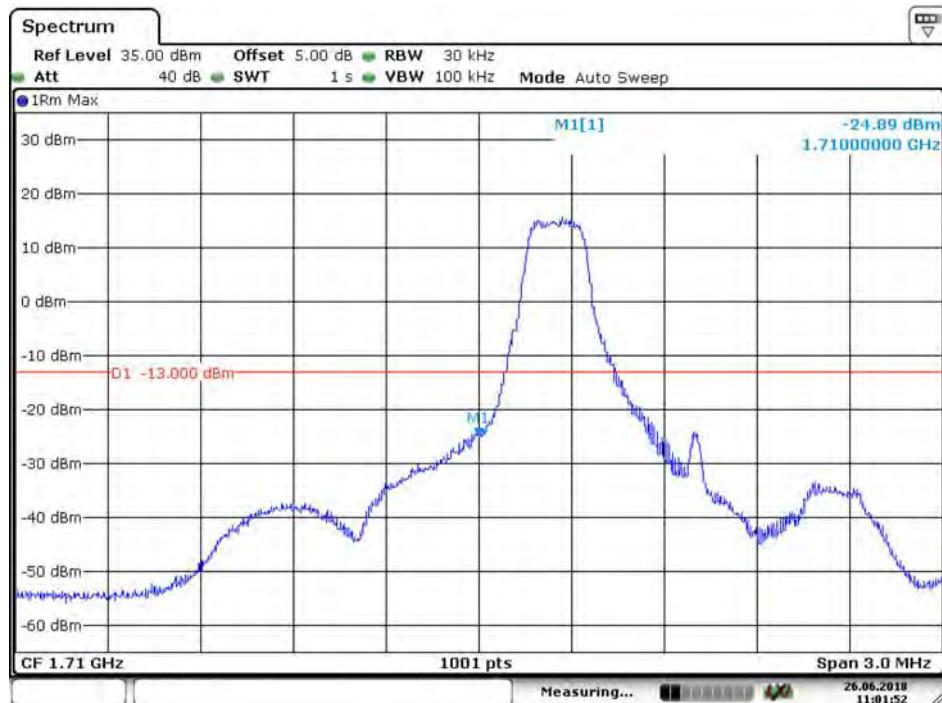
Date: 11.JUN.2018 04:06:51

5.1.1.2.2 Test Channel = HCH**5.1.1.2.2.1 Test RB=1RB**

Date: 11.JUN.2018 04:02:42

5.1.1.2.2.2 Test RB=6RB

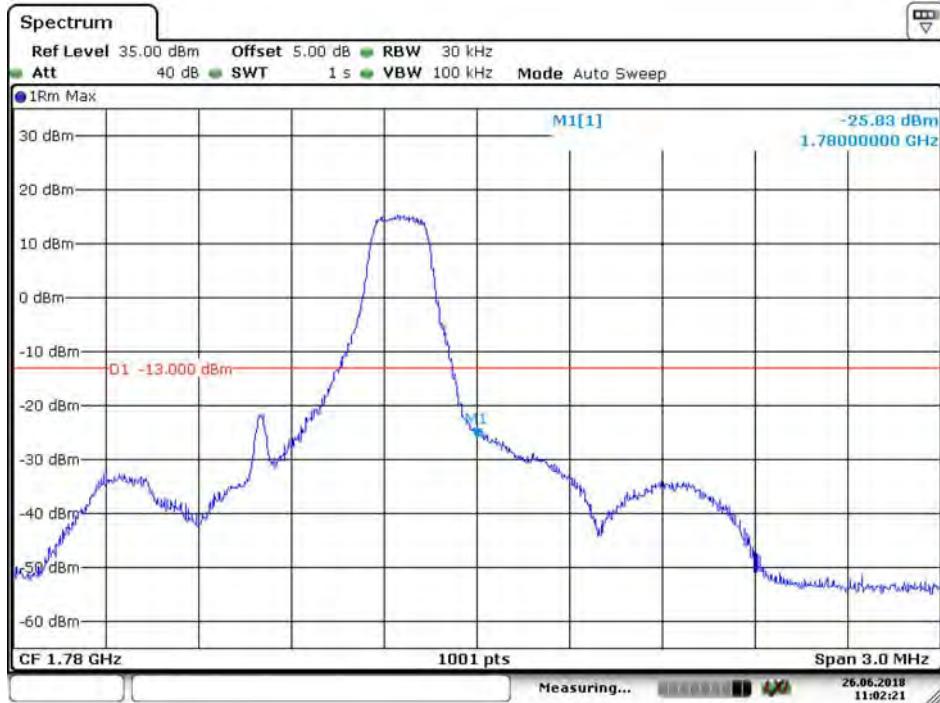
Date: 11.JUN.2018 04:01:31

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: 26 JUN 2018 11:01:53

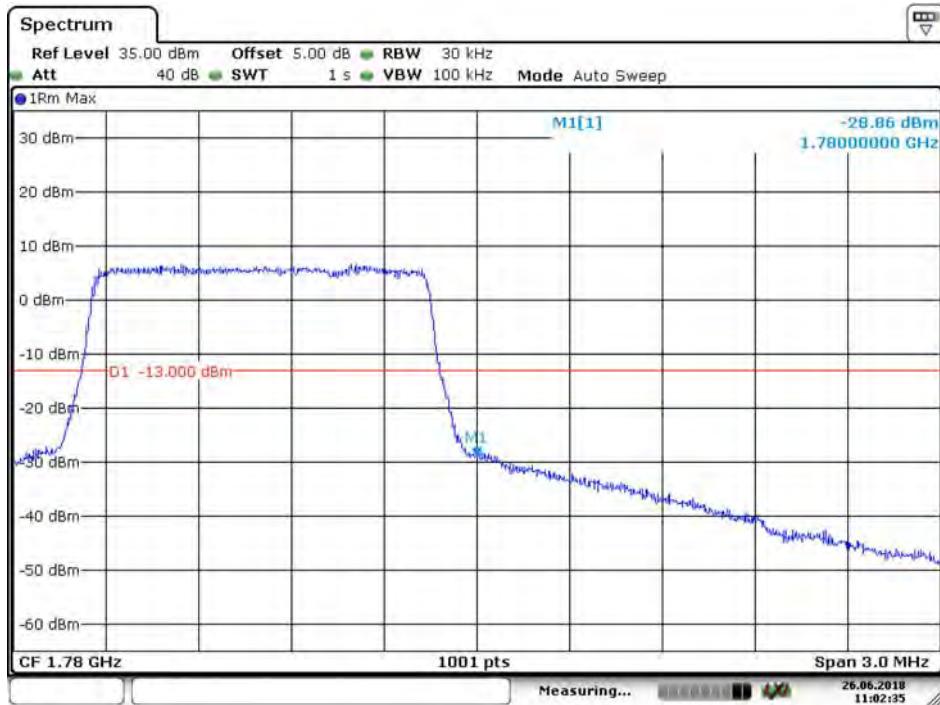
5.1.1.3.1.2 Test RB=6RB

Date: 26 JUN 2018 11:01:34

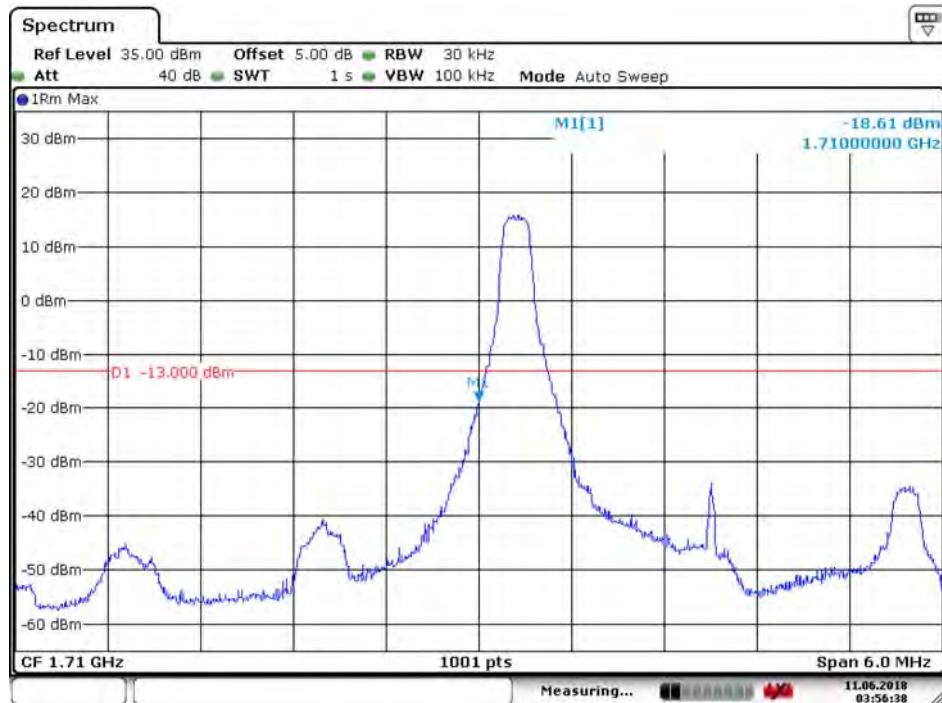
5.1.1.3.2 Test Channel = HCH**5.1.1.3.2.1 Test RB=1RB**

Date: 26 JUN 2018 11:02:21

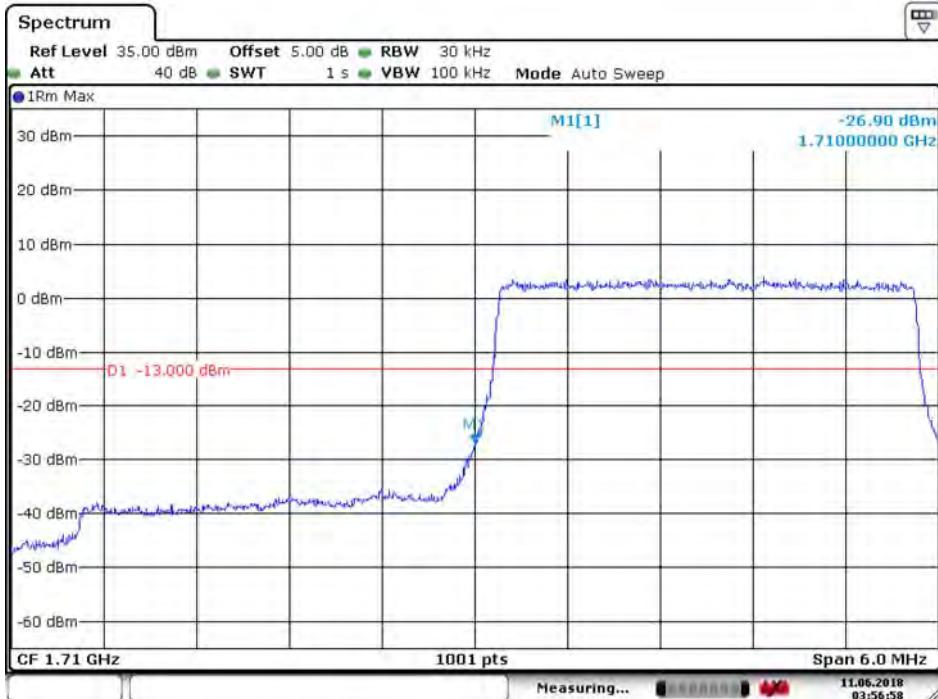
5.1.1.3.2.2 Test RB=6RB



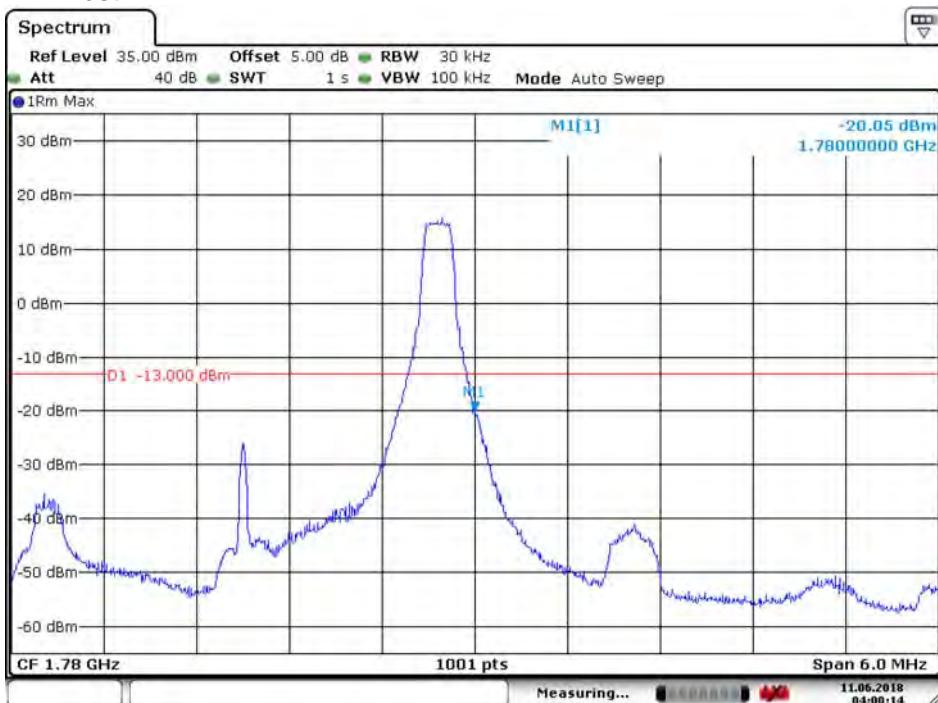
Date: 26 JUN 2018 11:02:35

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: 11.JUN.2018 03:56:39

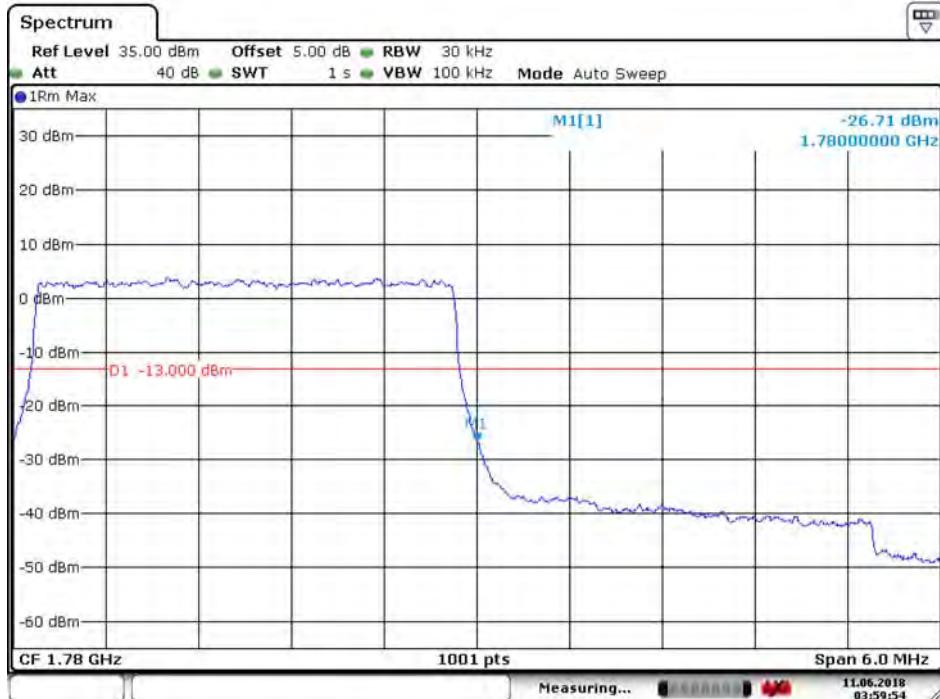
5.1.1.4.1.2 Test RB=15RB

Date: 11.JUN.2018 03:56:58

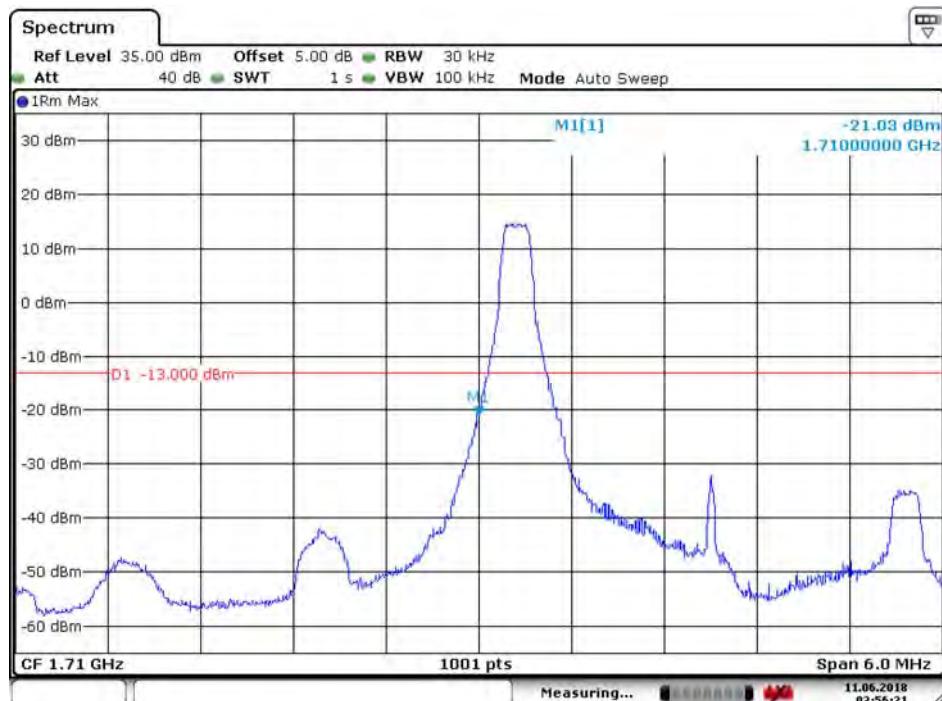
5.1.1.4.2 Test Channel = HCH**5.1.1.4.2.1 Test RB=1RB**

Date: 11.JUN.2018 04:00:15

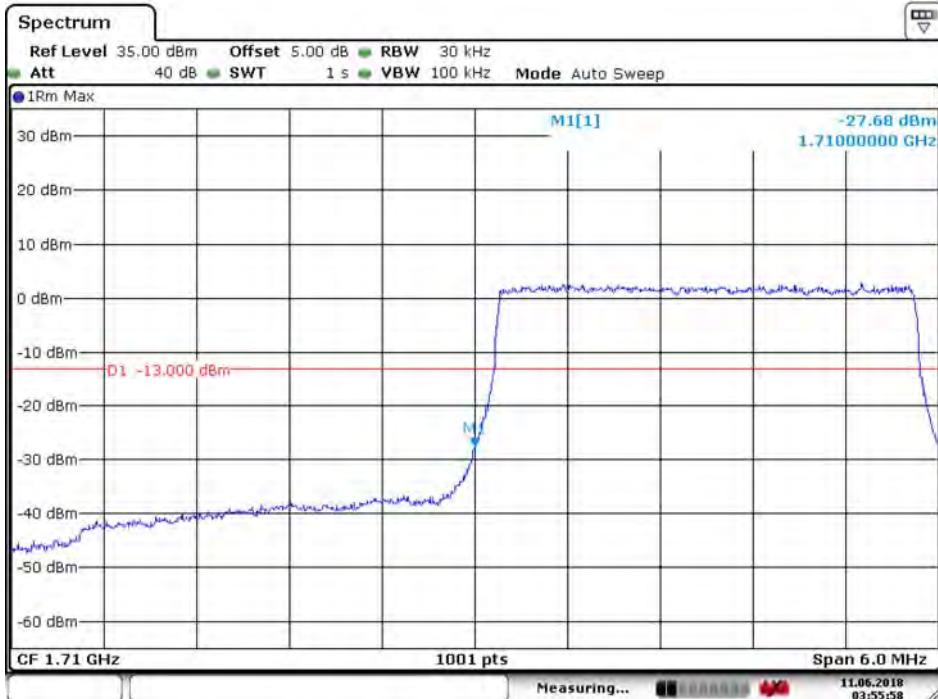
5.1.1.4.2.2 Test RB=15RB



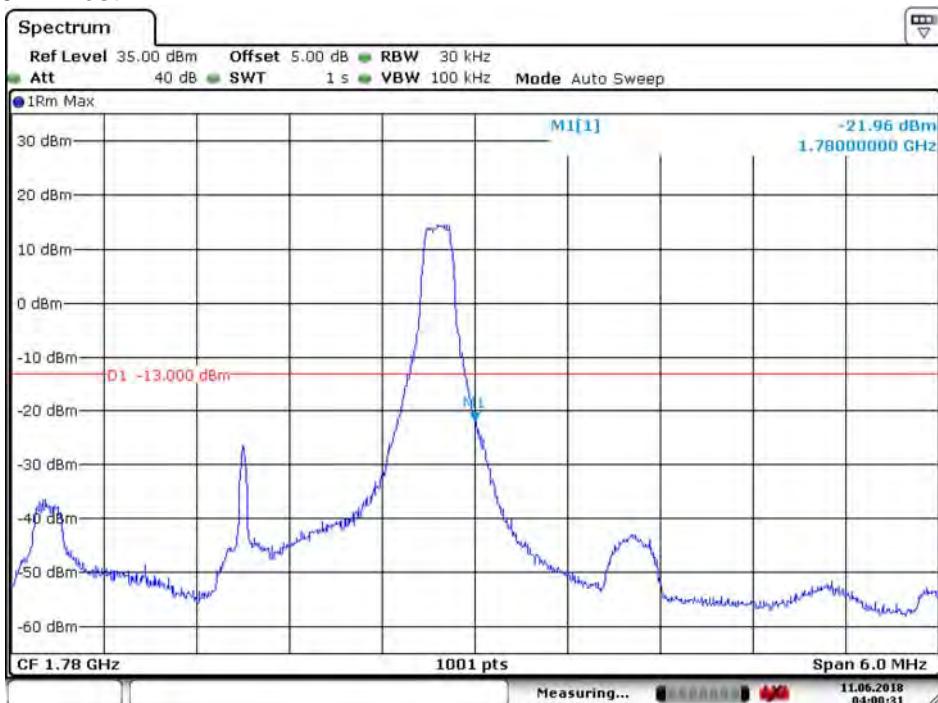
Date: 11.JUN.2018 03:59:54

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: 11.JUN.2018 03:56:21

5.1.1.5.1.2 Test RB=15RB

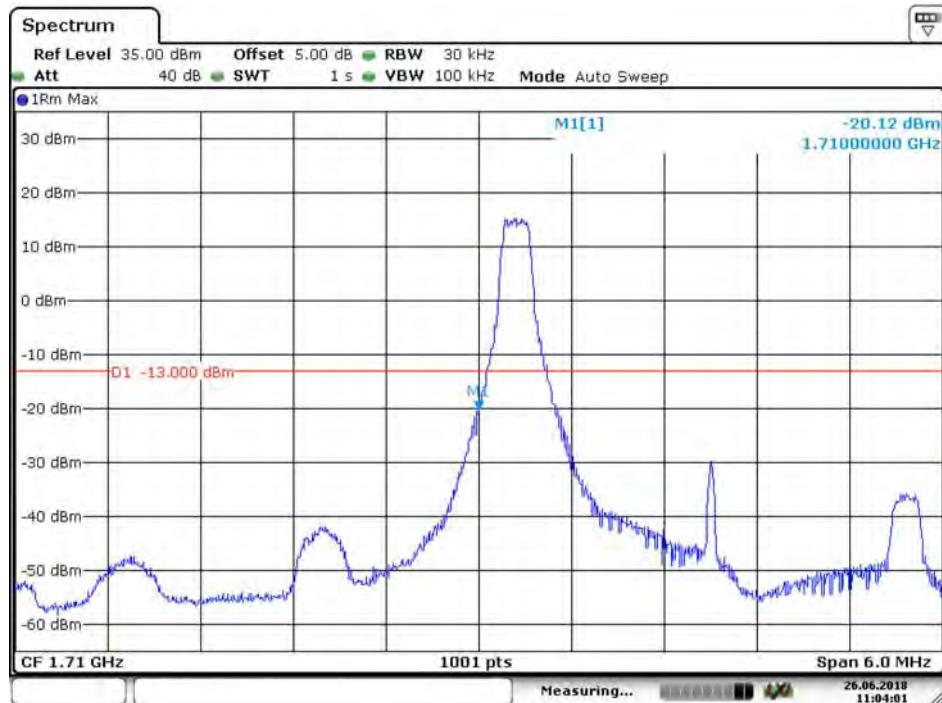
Date: 11.JUN.2018 03:55:58

5.1.1.5.2 Test Channel = HCH**5.1.1.5.2.1 Test RB=1RB**

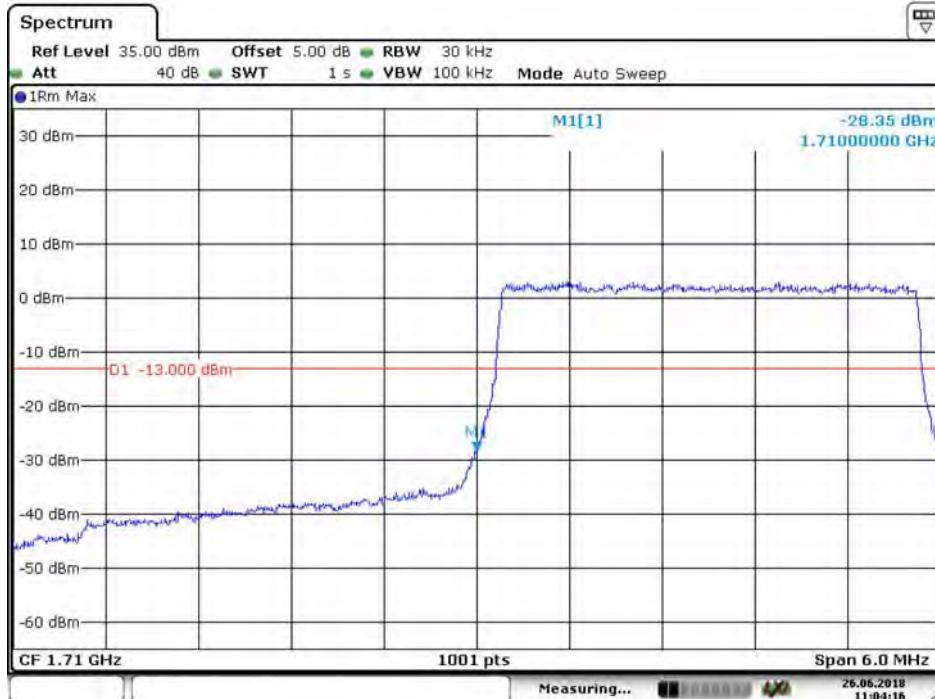
Date: 11.JUN.2018 04:00:32

5.1.1.5.2.2 Test RB=15RB

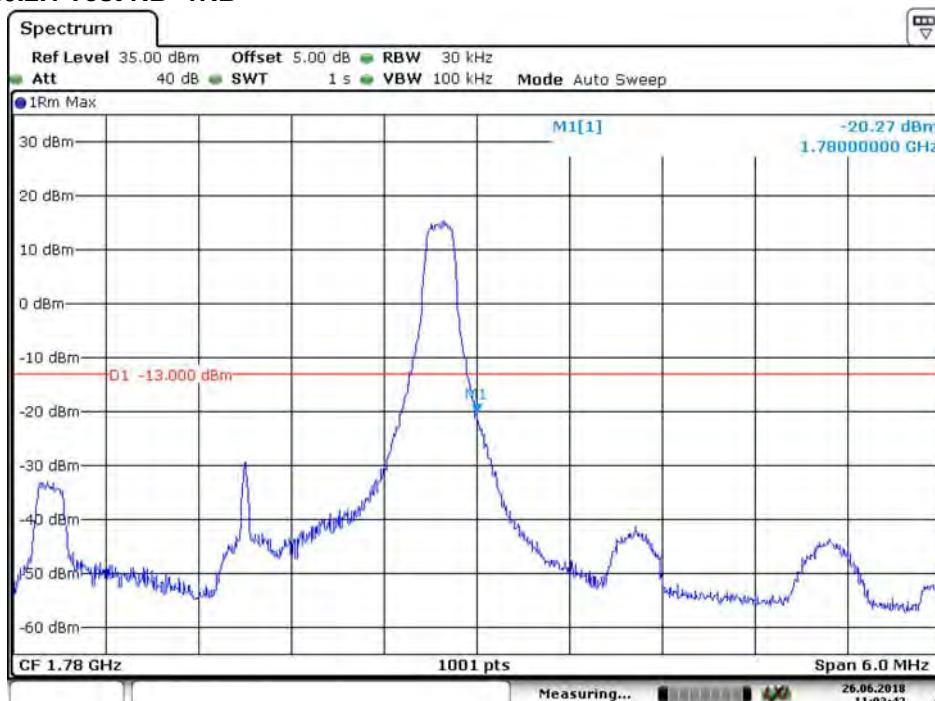
Date: 11.JUN.2018 04:00:52

5.1.1.6 Test Mode = LTE/TM3 3MHz**5.1.1.6.1 Test Channel = LCH****5.1.1.6.1.1 Test RB=1RB**

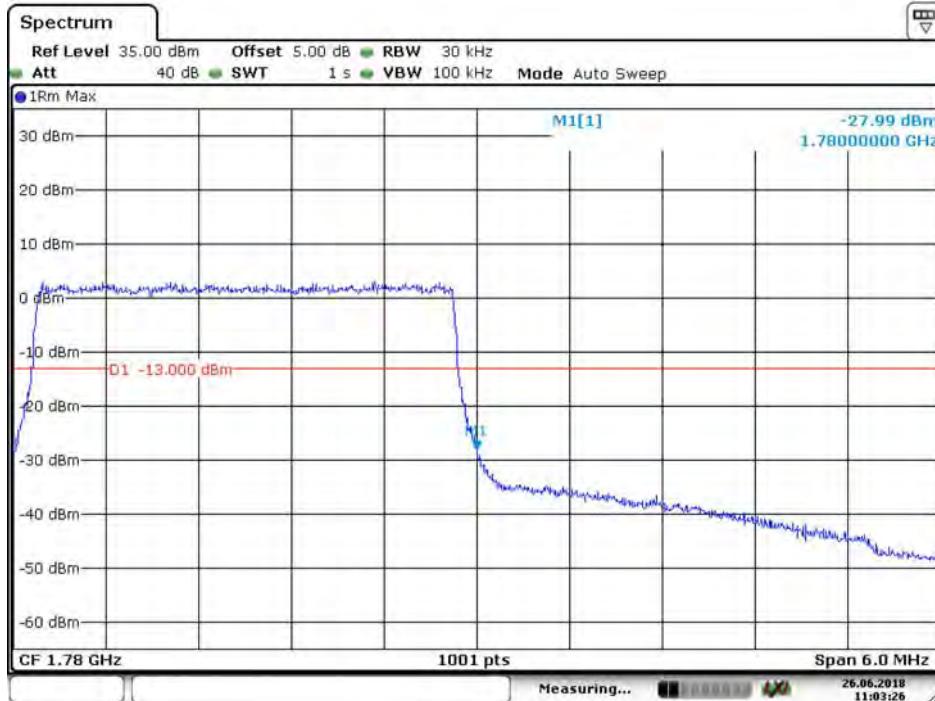
Date: 26.JUN.2018 11:04:02

5.1.1.6.1.2 Test RB=15RB

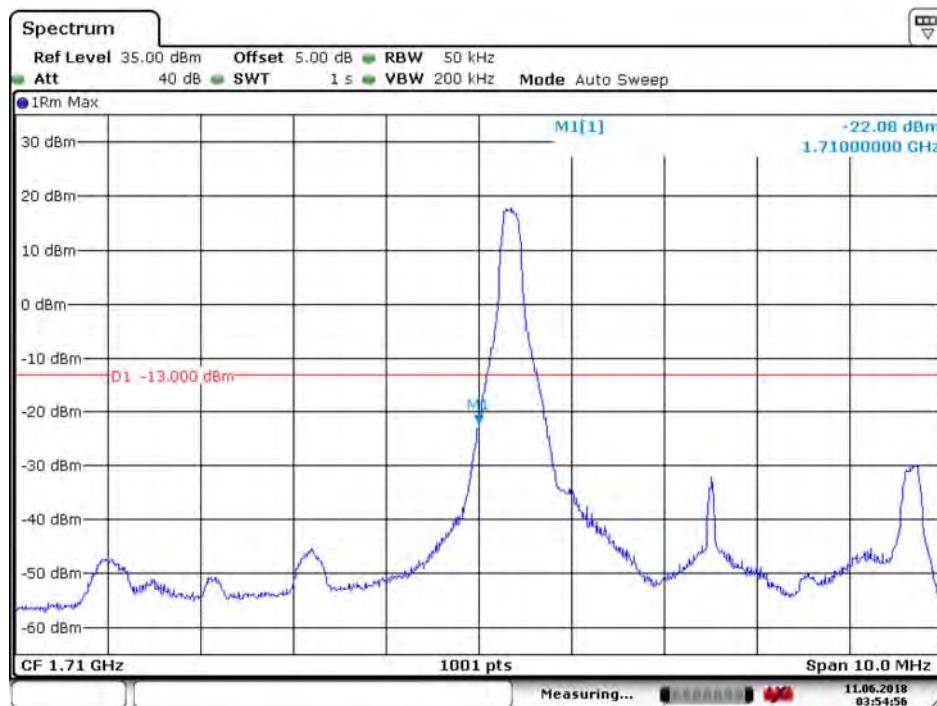
Date: 26.JUN.2018 11:04:17

5.1.1.6.2 Test Channel = HCH**5.1.1.6.2.1 Test RB=1RB**

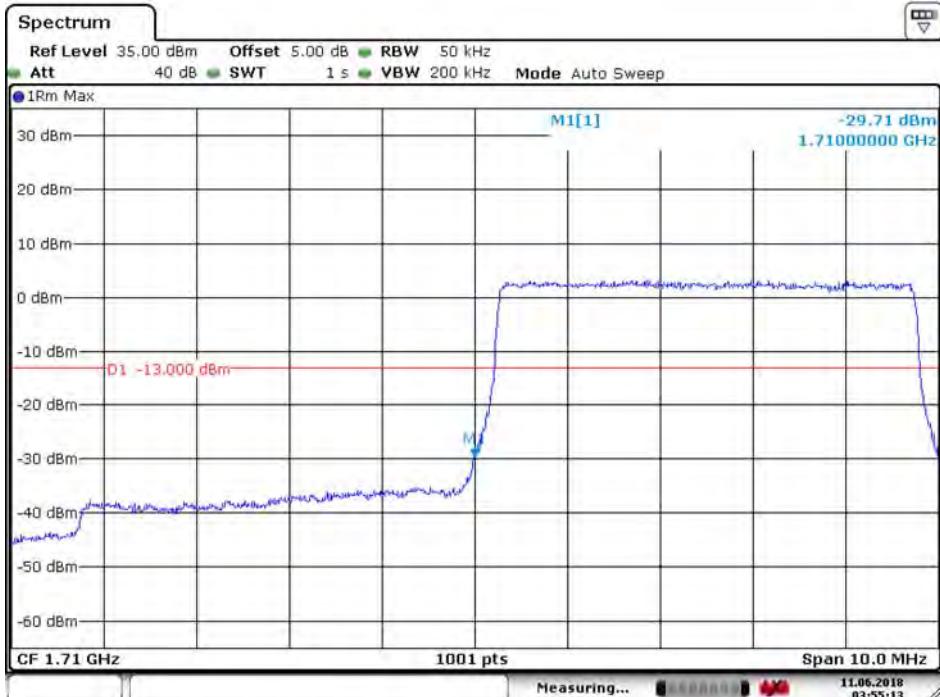
Date: 26.JUN.2018 11:03:42

5.1.1.6.2.2 Test RB=15RB

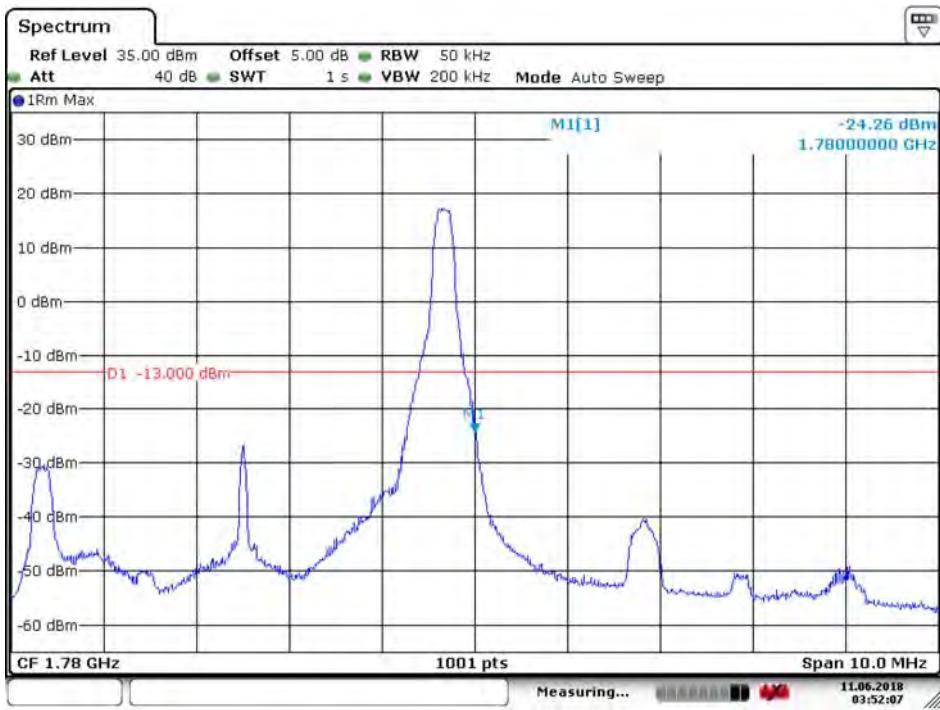
Date: 26 JUN 2018 11:03:26

5.1.1.7 Test Mode = LTE/TM1 5MHz**5.1.1.7.1 Test Channel = LCH****5.1.1.7.1.1 Test RB=1RB**

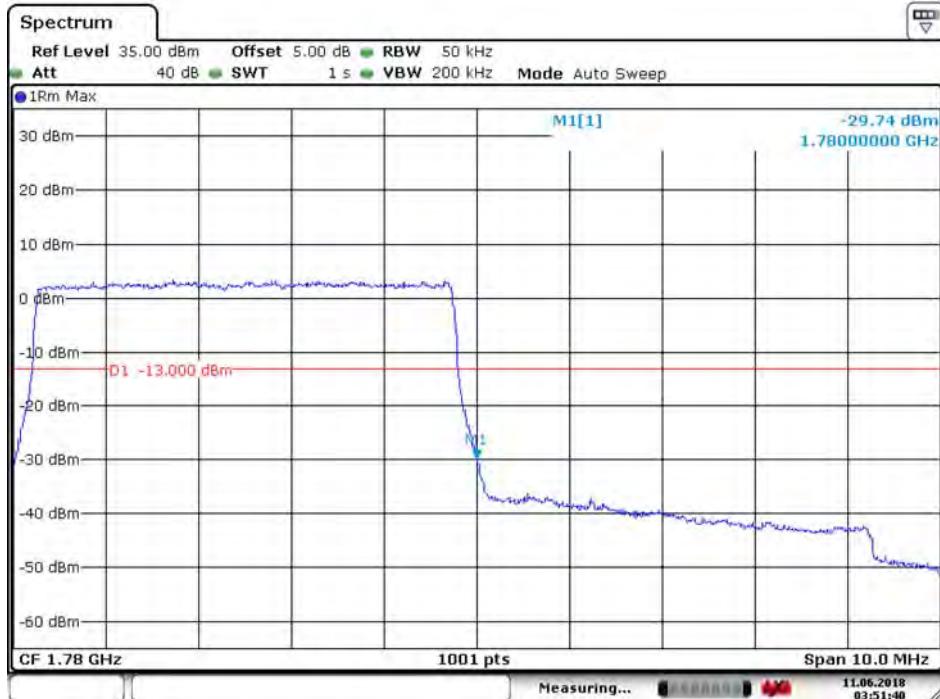
Date: 11.JUN.2018 03:54:56

5.1.1.7.1.2 Test RB=25RB

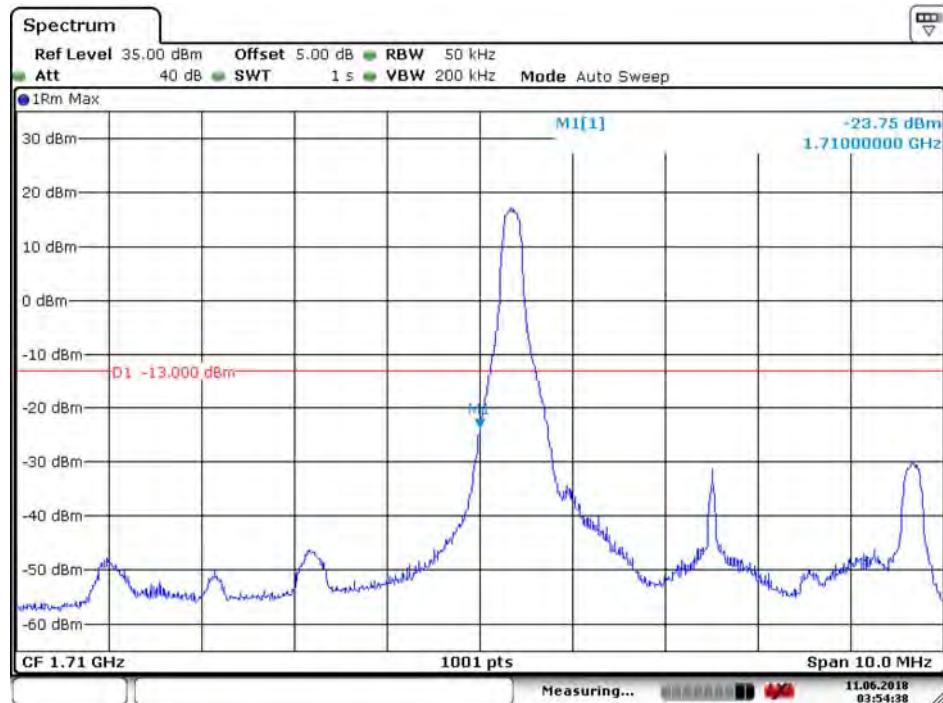
Date: 11.JUN.2018 03:55:13

5.1.1.7.2 Test Channel = HCH**5.1.1.7.2.1 Test RB=1RB**

Date: 11.JUN.2018 03:52:08

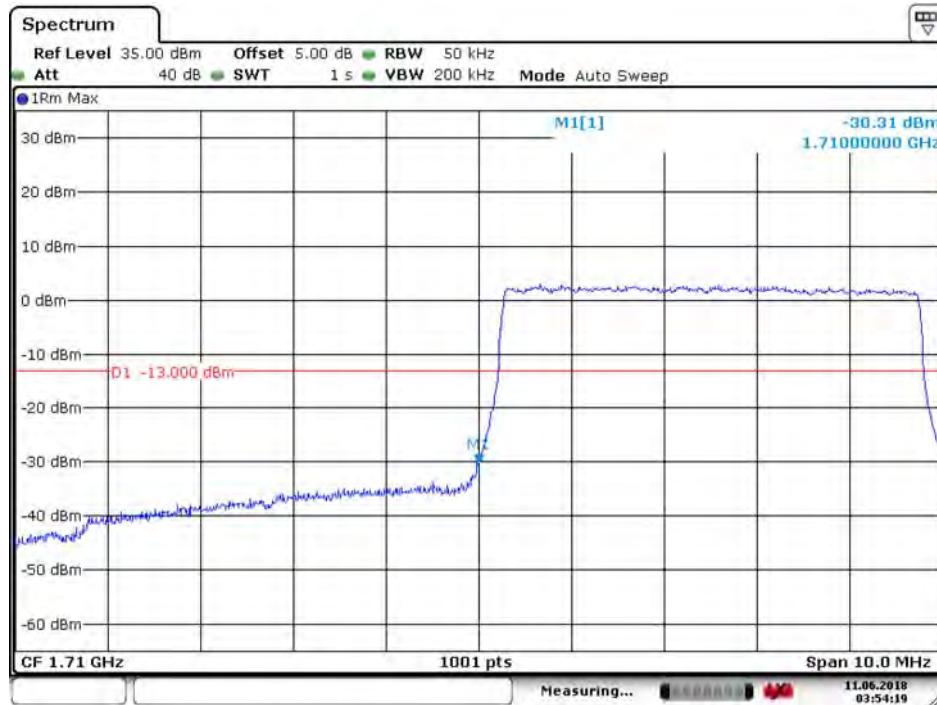
5.1.1.7.2.2 Test RB=25RB

Date: 11.JUN.2018 03:51:40

5.1.1.8 Test Mode = LTE/TM2 5MHz**5.1.1.8.1 Test Channel = LCH****5.1.1.8.1.1 Test RB=1RB**

Date: 11.JUN.2018 03:54:38

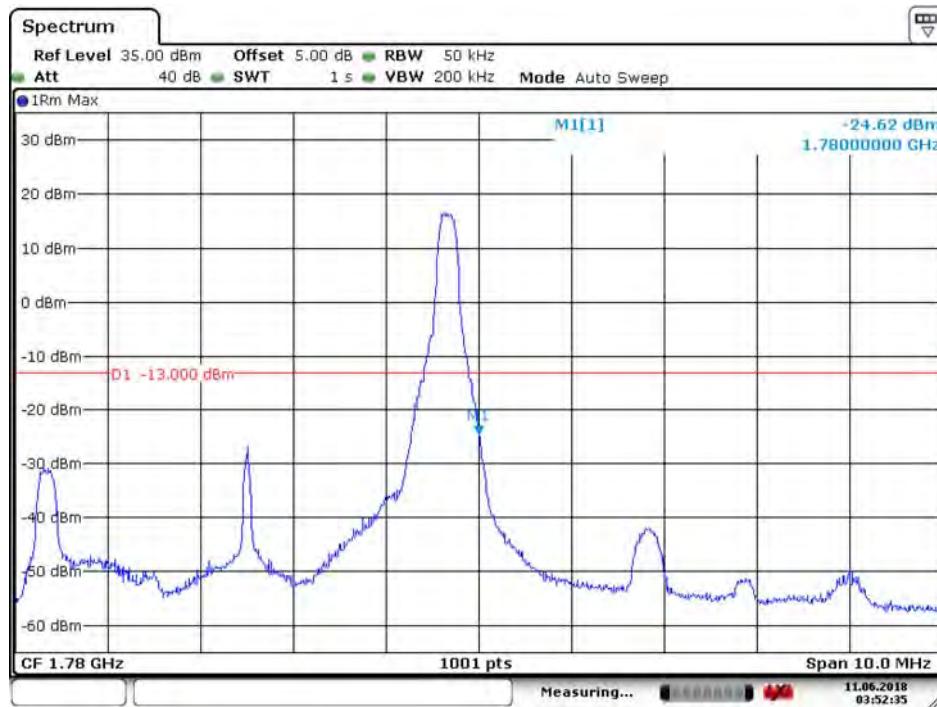
5.1.1.8.1.2 Test RB=25RB



Date: 11.JUN.2018 03:54:20

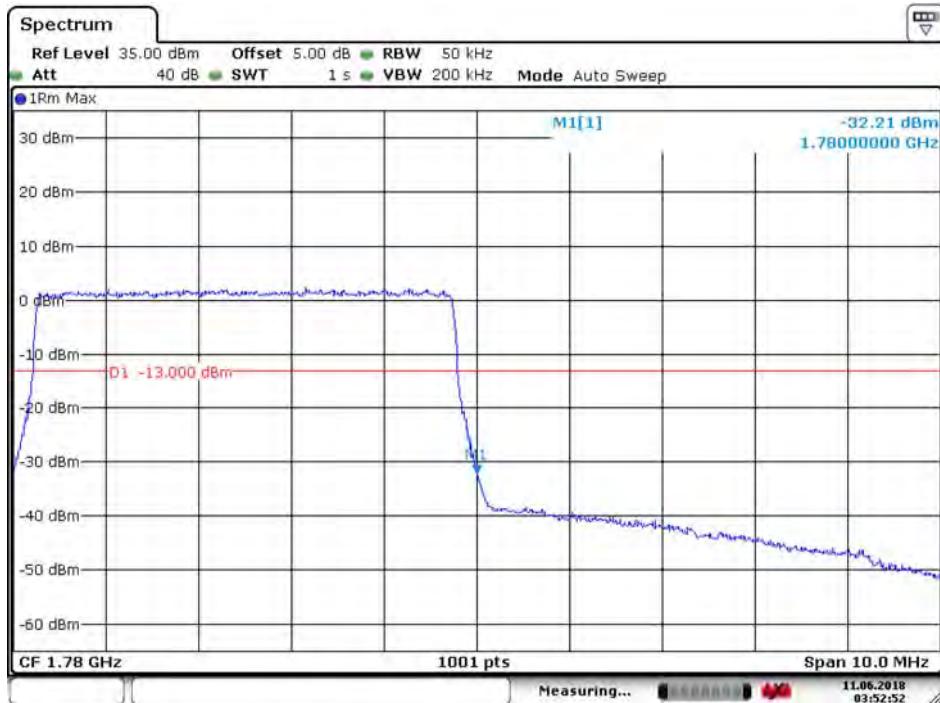
5.1.1.8.2 Test Channel = HCH

5.1.1.8.2.1 Test RB=1RB

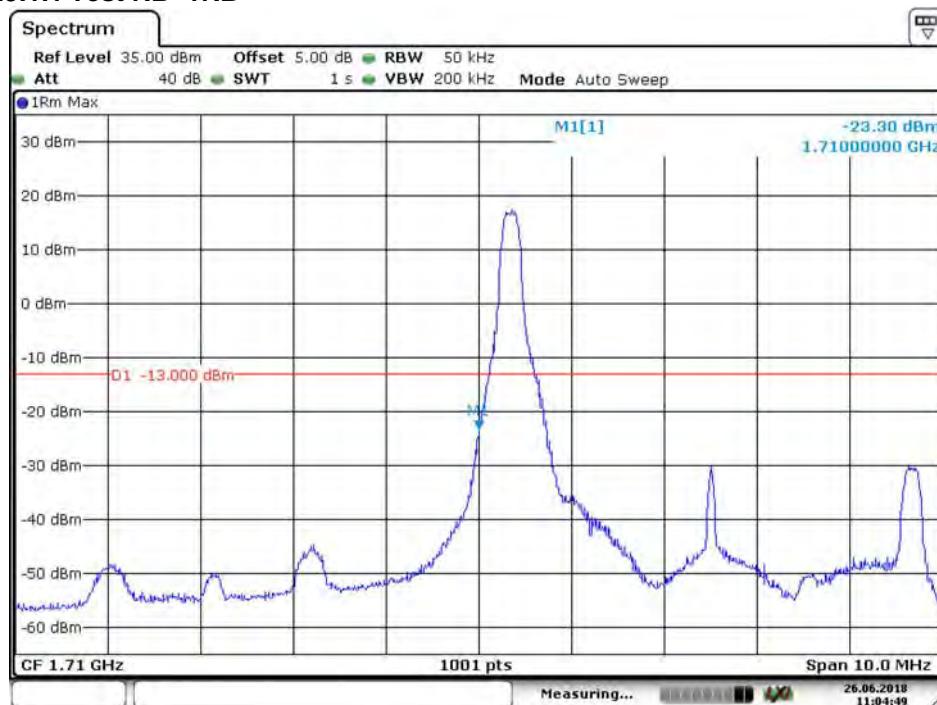


Date: 11.JUN.2018 03:52:36

5.1.1.8.2.2 Test RB=25RB



Date: 11.JUN.2018 03:52:52

5.1.1.9 Test Mode = LTE/TM3 5MHz**5.1.1.9.1 Test Channel = LCH****5.1.1.9.1.1 Test RB=1RB**

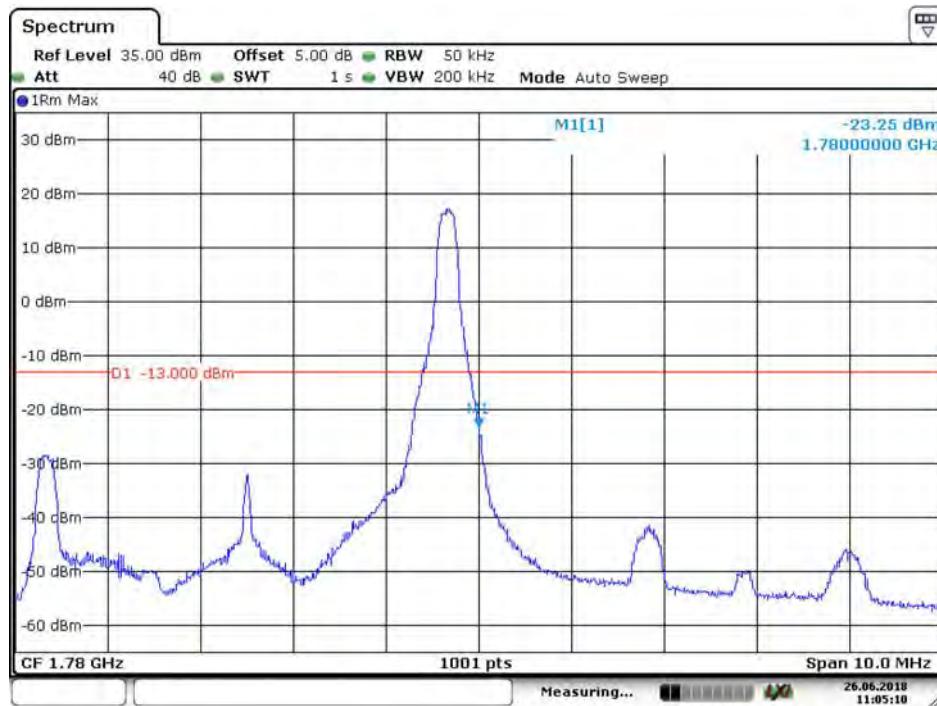
Date: 26 JUN.2018 11:04:49

5.1.1.9.1.2 Test RB=25RB

Date: 26 JUN.2018 11:04:35

5.1.1.9.2 Test Channel = HCH

5.1.1.9.2.1 Test RB=1RB



Date: 26 JUN.2018 11:05:10

5.1.1.9.2.2 Test RB=25RB

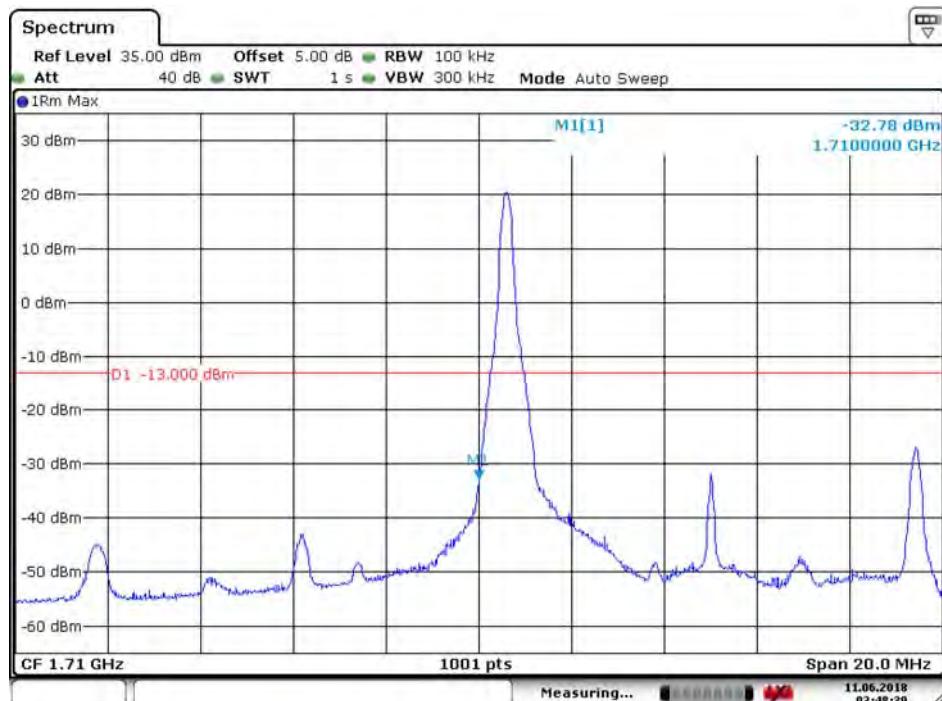


Date: 26 JUN.2018 11:05:20

5.1.1.10 Test Mode = LTE/TM1 10MHz

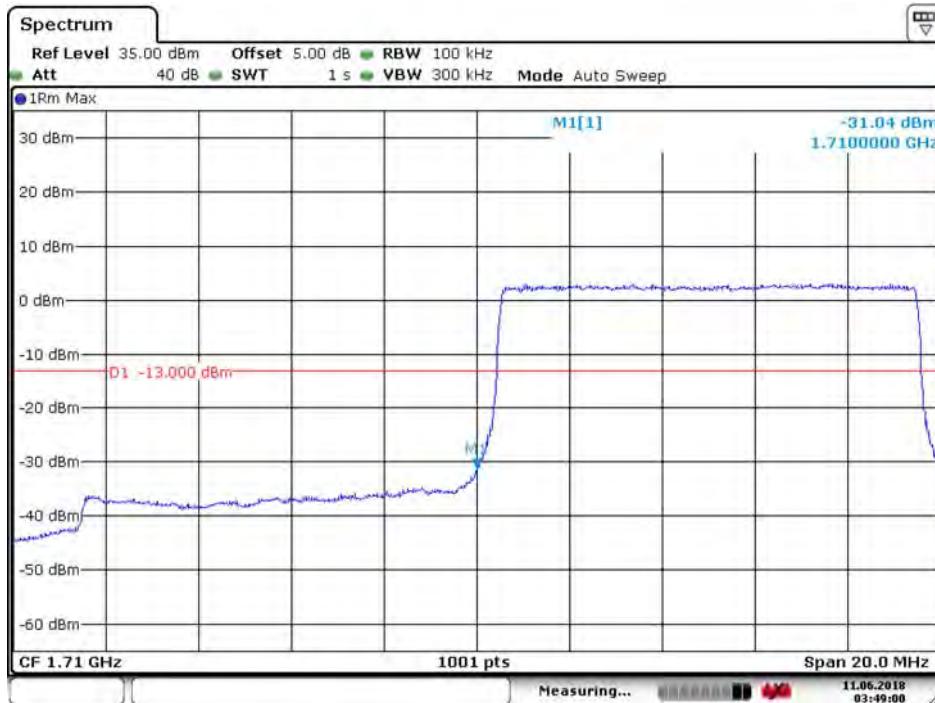
5.1.1.10.1 Test Channel = LCH

5.1.1.10.1.1 Test RB=1RB



Date: 11.JUN.2018 03:48:39

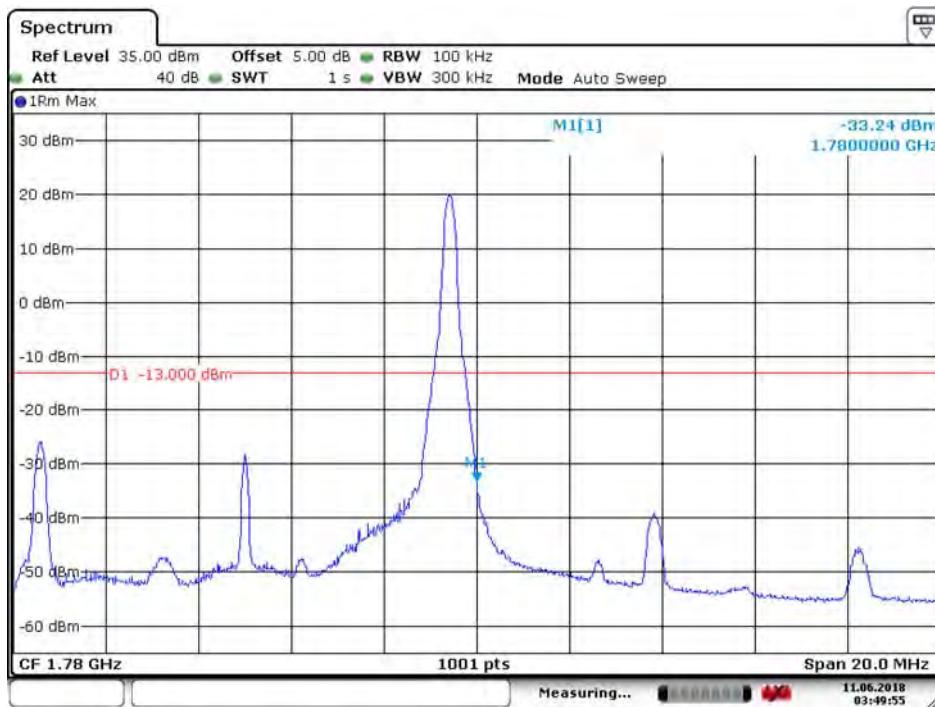
5.1.1.10.1.2 Test RB=50RB



Date: 11.JUN.2018 03:49:00

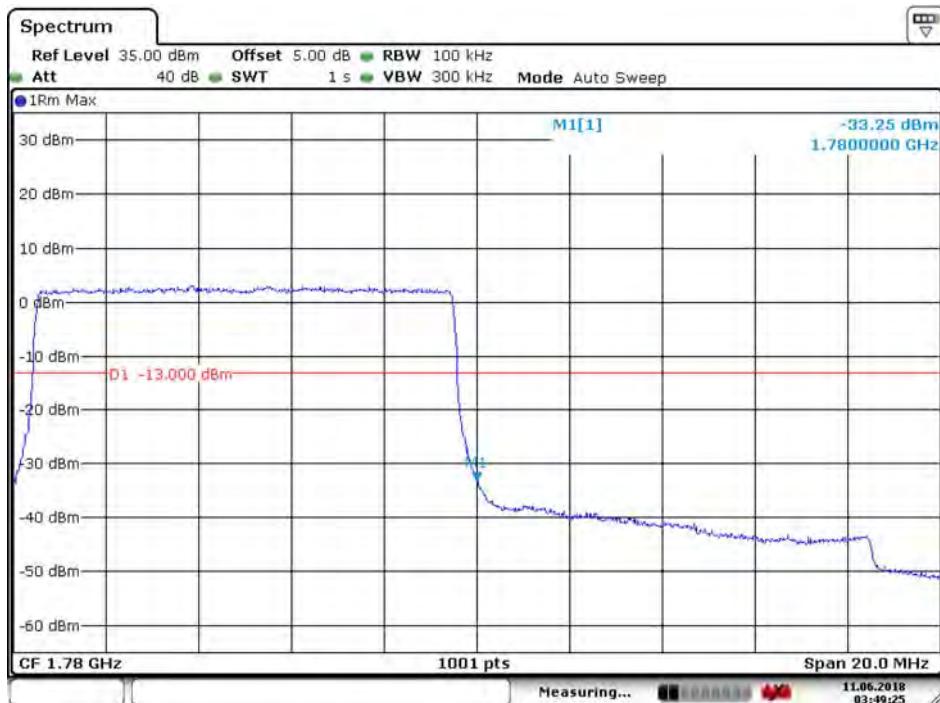
5.1.1.10.2 Test Channel = HCH

5.1.1.10.2.1 Test RB=1RB

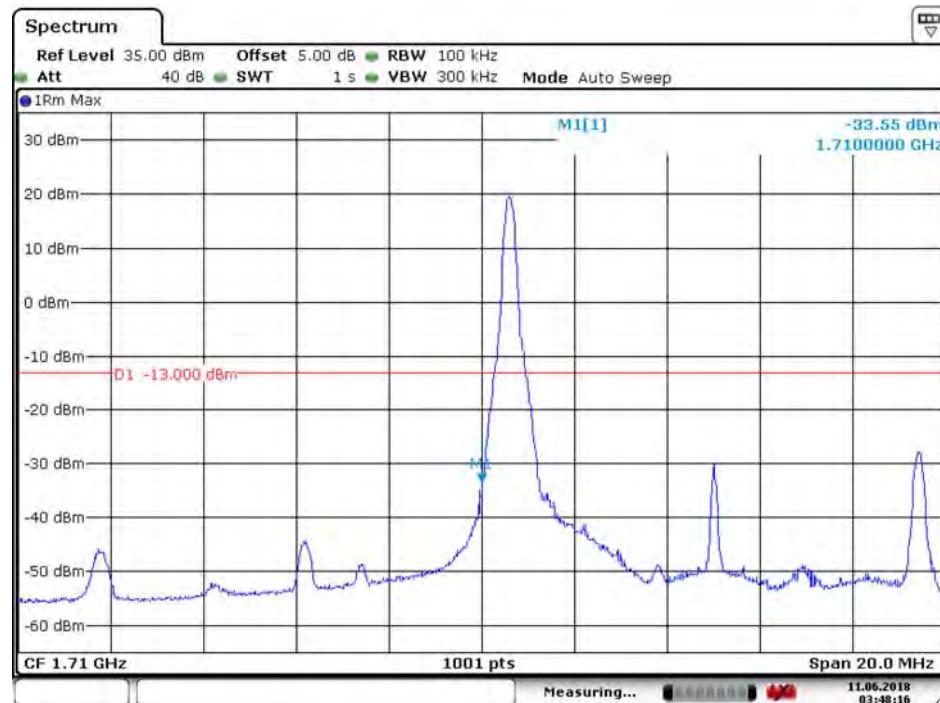


Date: 11.JUN.2018 03:49:55

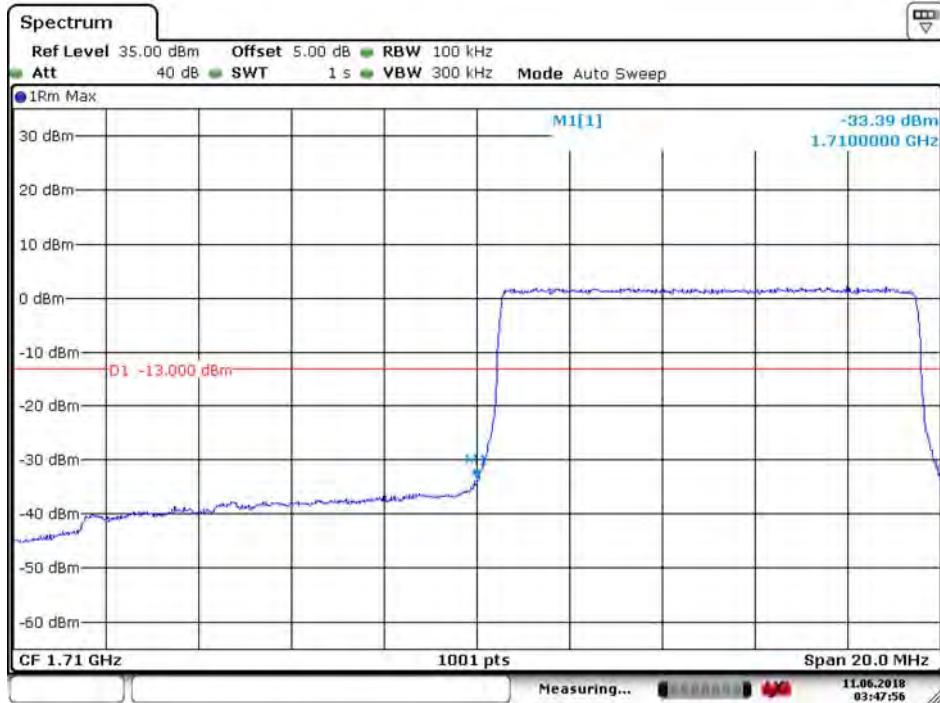
5.1.1.10.2.2 Test RB=50RB



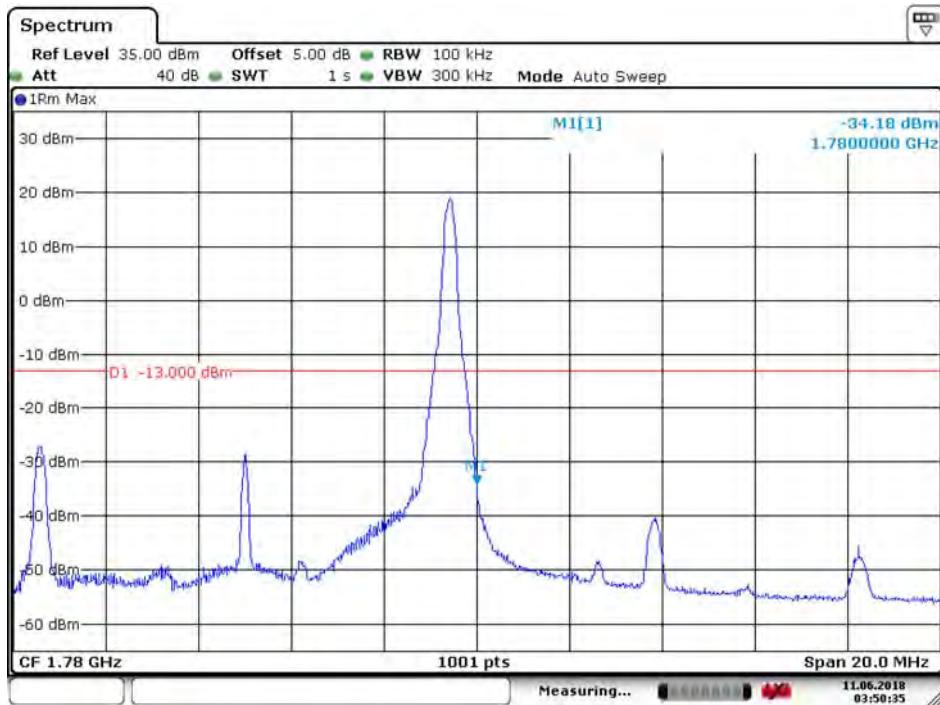
Date: 11.JUN.2018 03:49:26

5.1.1.11 Test Mode = LTE/TM2 10MHz**5.1.1.11.1 Test Channel = LCH****5.1.1.11.1.1 Test RB=1RB**

Date: 11.JUN.2018 03:48:17

5.1.1.11.1.2 Test RB=50RB

Date: 11.JUN.2018 03:47:56

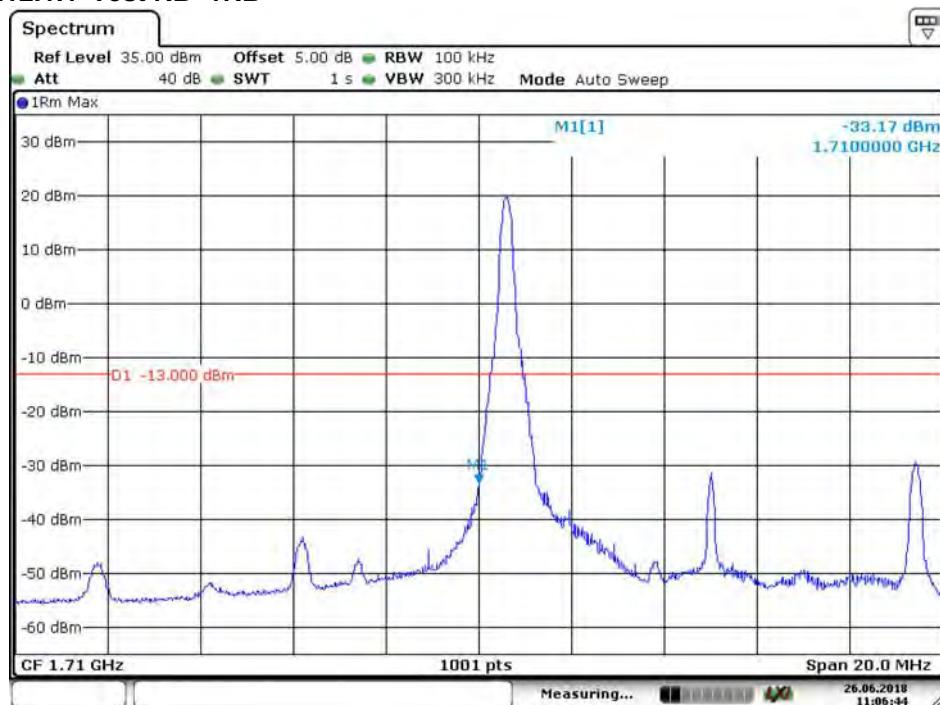
5.1.1.11.2 Test Channel = HCH**5.1.1.11.2.1 Test RB=1RB**

Date: 11.JUN.2018 03:50:35

5.1.1.11.2.2 Test RB=50RB



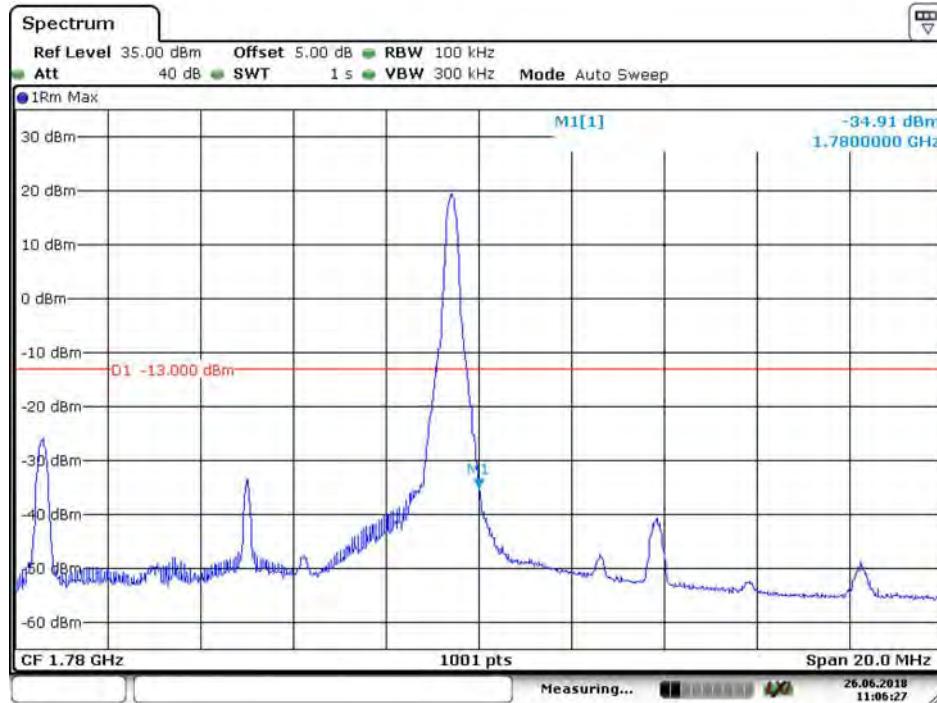
Date: 11.JUN.2018 03:50:59

5.1.1.12 Test Mode = LTE/TM3 10MHz**5.1.1.12.1 Test Channel = LCH****5.1.1.12.1.1 Test RB=1RB**

Date: 26 JUN.2018 11:06:45

5.1.1.12.1.2 Test RB=50RB

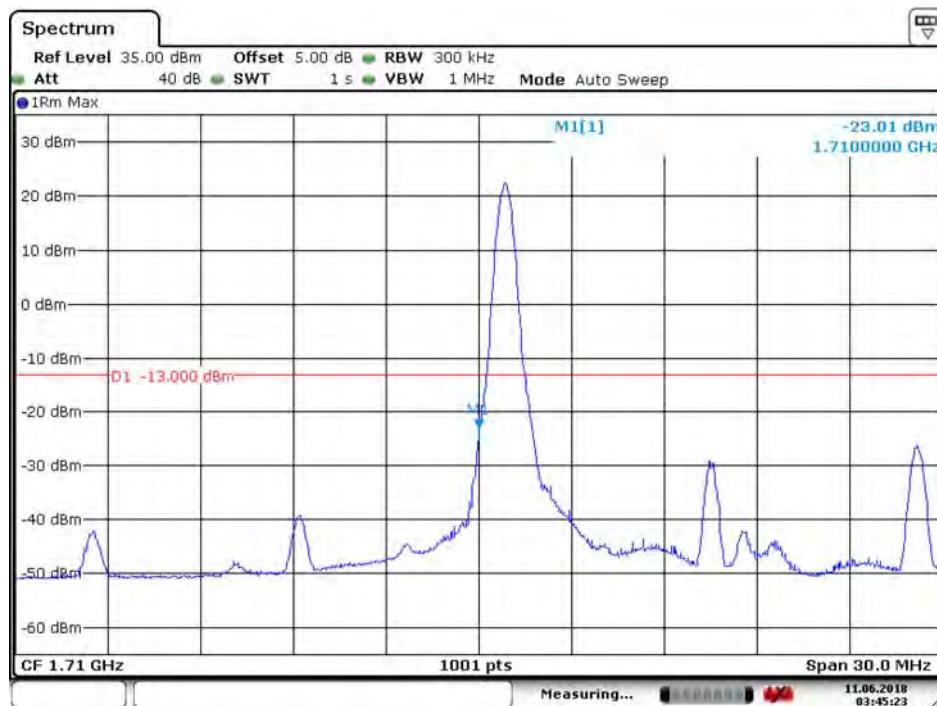
Date: 26 JUN.2018 11:06:59

5.1.1.12.2 Test Channel = HCH**5.1.1.12.2.1 Test RB=1RB**

Date: 26 JUN.2018 11:06:27

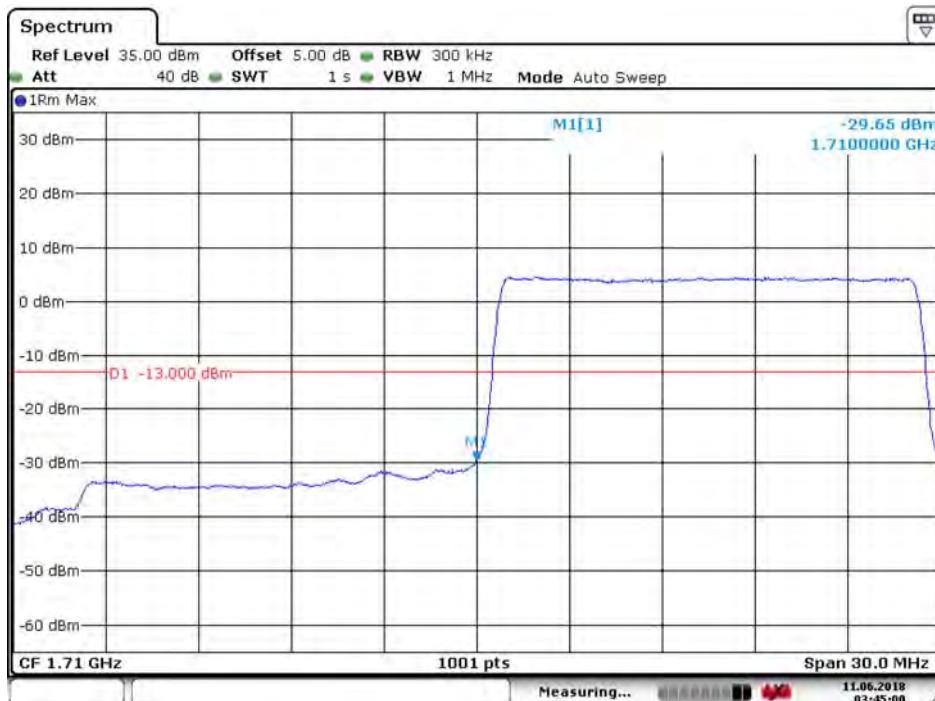
5.1.1.12.2.2 Test RB=50RB

Date: 26 JUN.2018 11:06:06

5.1.1.13 Test Mode = LTE/TM1 15MHz**5.1.1.13.1 Test Channel = LCH****5.1.1.13.1.1 Test RB=1RB**

Date: 11.JUN.2018 03:45:23

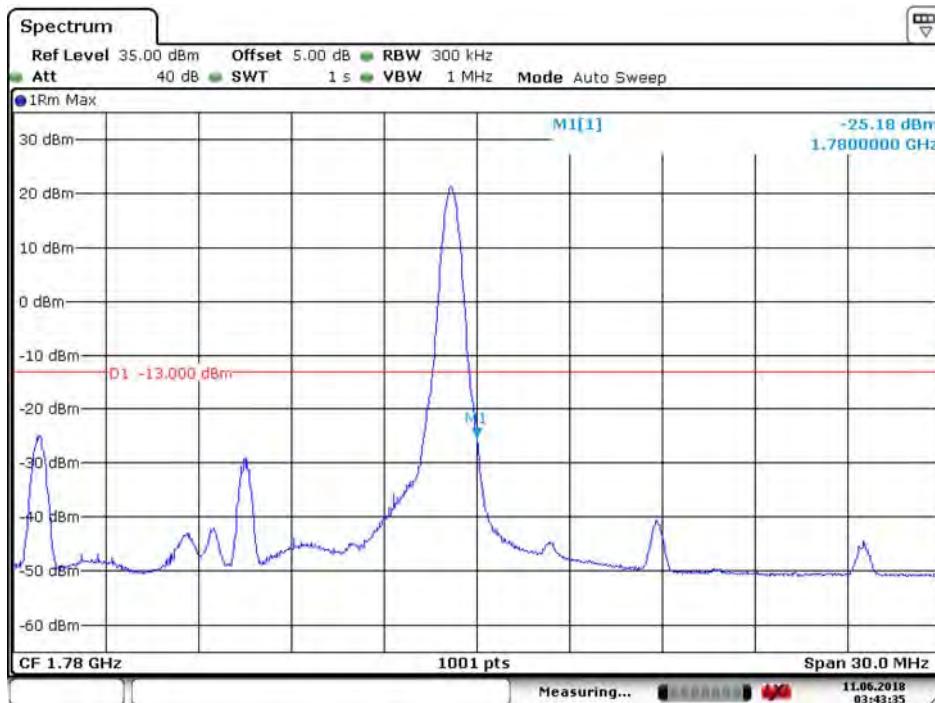
5.1.1.13.1.2 Test RB=75RB



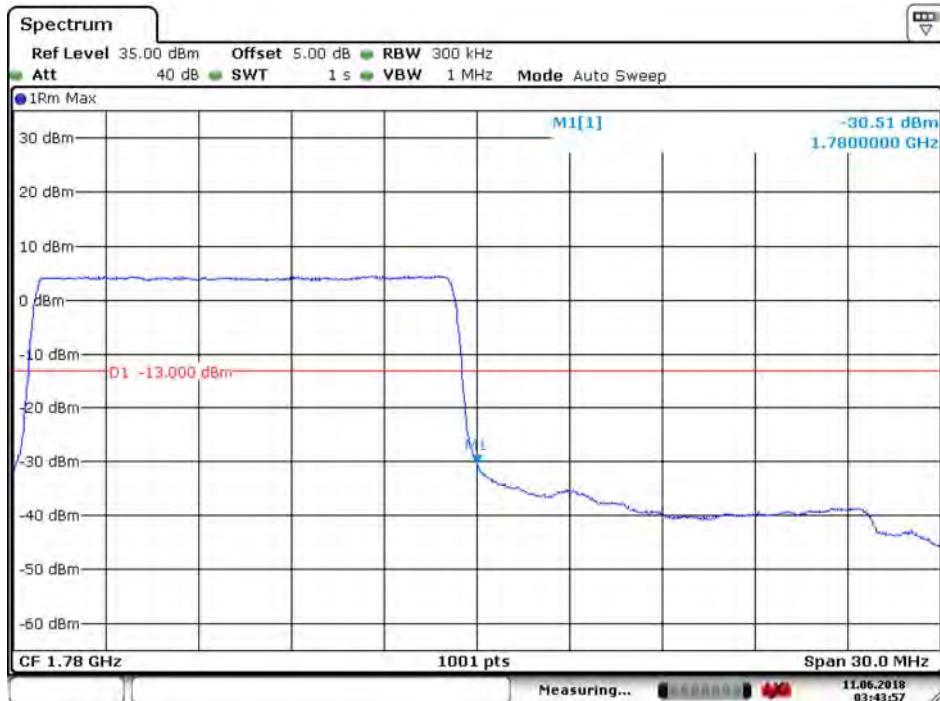
Date: 11.JUN.2018 03:45:00

5.1.1.13.2 Test Channel = HCH

5.1.1.13.2.1 Test RB=1RB



Date: 11.JUN.2018 03:43:36

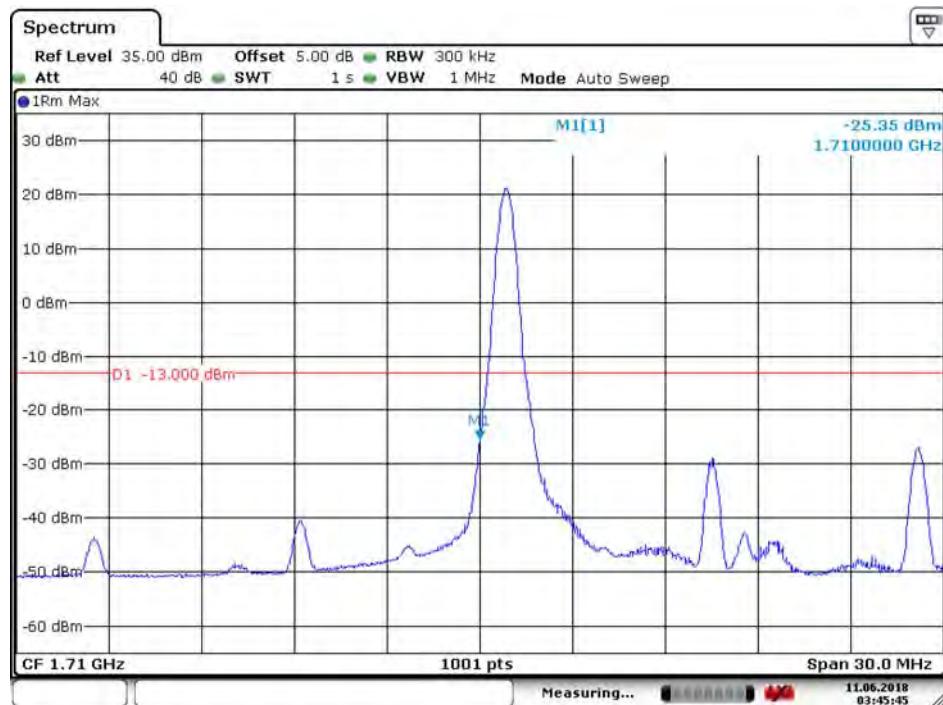
5.1.1.13.2.2 Test RB=75RB

Date: 11.JUN.2018 03:43:57

5.1.1.14 Test Mode = LTE/TM2 15MHz

5.1.1.14.1 Test Channel = LCH

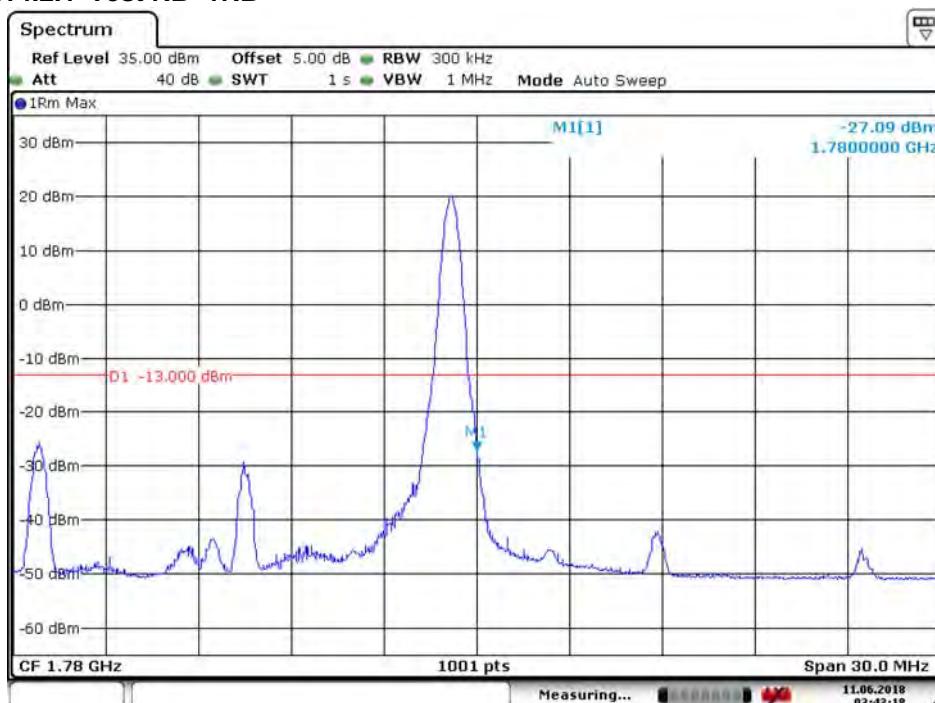
5.1.1.14.1.1 Test RB=1RB



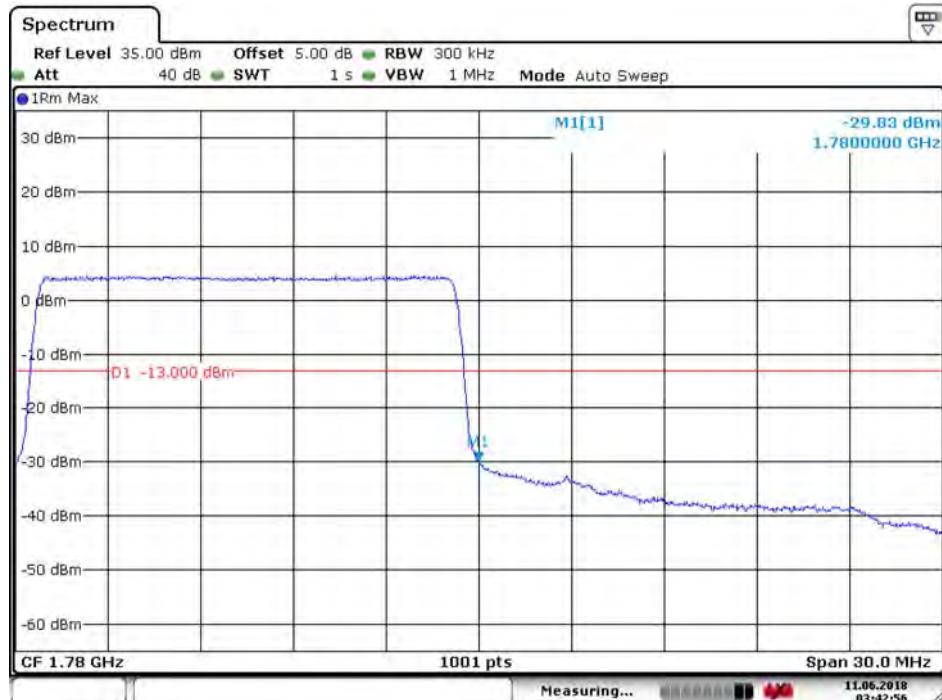
Date: 11.JUN.2018 03:45:45

5.1.1.14.1.2 Test RB=75RB

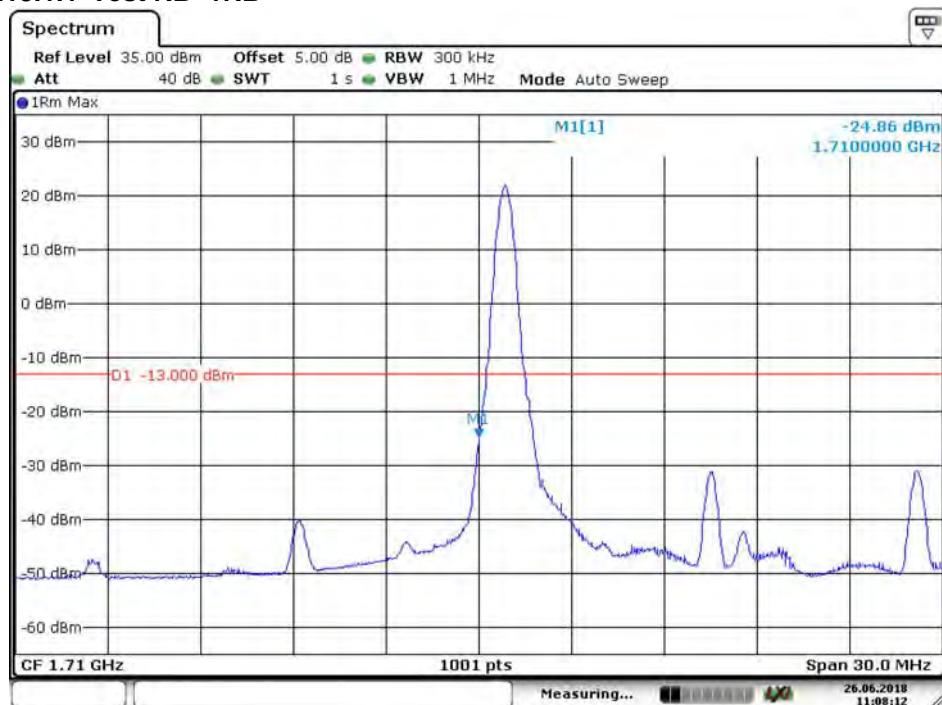
Date: 11.JUN.2018 03:47:24

5.1.1.14.2 Test Channel = HCH**5.1.1.14.2.1 Test RB=1RB**

Date: 11.JUN.2018 03:43:19

5.1.1.14.2.2 Test RB=75RB

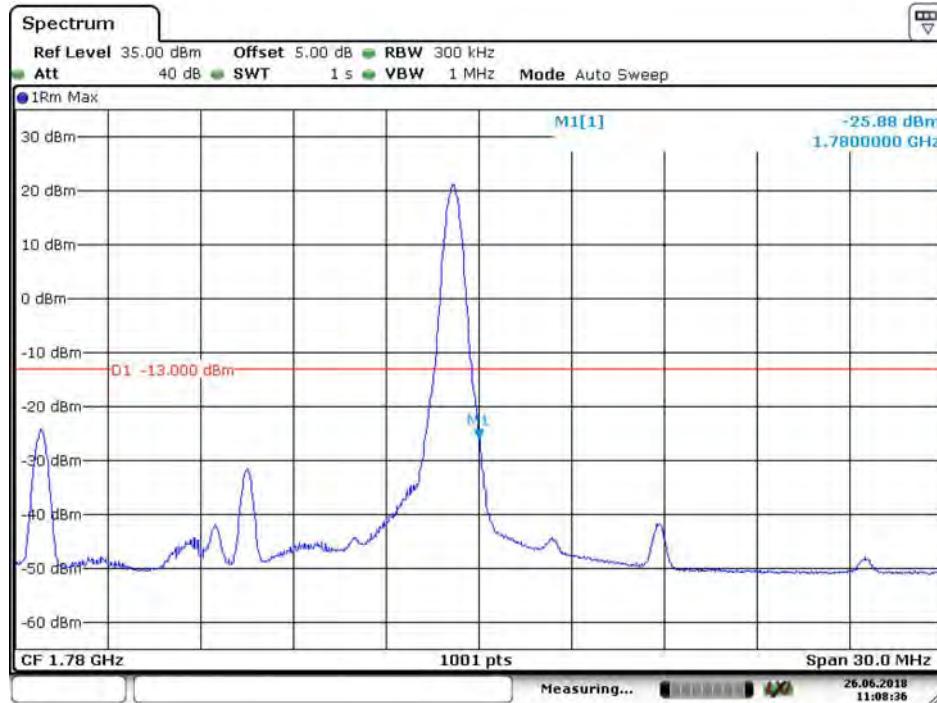
Date: 11.JUN.2018 03:42:56

5.1.1.15 Test Mode = LTE/TM3 15MHz**5.1.1.15.1 Test Channel = LCH****5.1.1.15.1.1 Test RB=1RB**

Date: 26 JUN.2018 11:08:12

5.1.1.15.1.2 Test RB=75RB

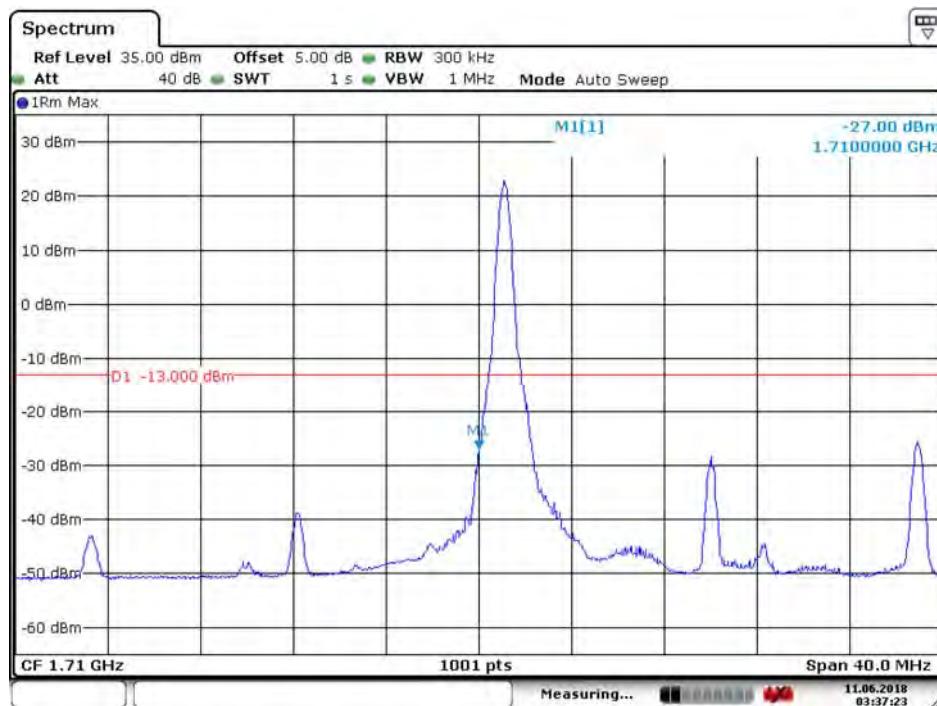
Date: 26 JUN.2018 11:07:48

5.1.1.15.2 Test Channel = HCH**5.1.1.15.2.1 Test RB=1RB**

Date: 26 JUN.2018 11:08:36

5.1.1.15.2.2 Test RB=75RB

Date: 26 JUN.2018 11:08:50

5.1.1.16 Test Mode = LTE/TM1 20MHz**5.1.1.16.1 Test Channel = LCH****5.1.1.16.1.1 Test RB=1RB**

Date: 11.JUN.2018 03:37:24

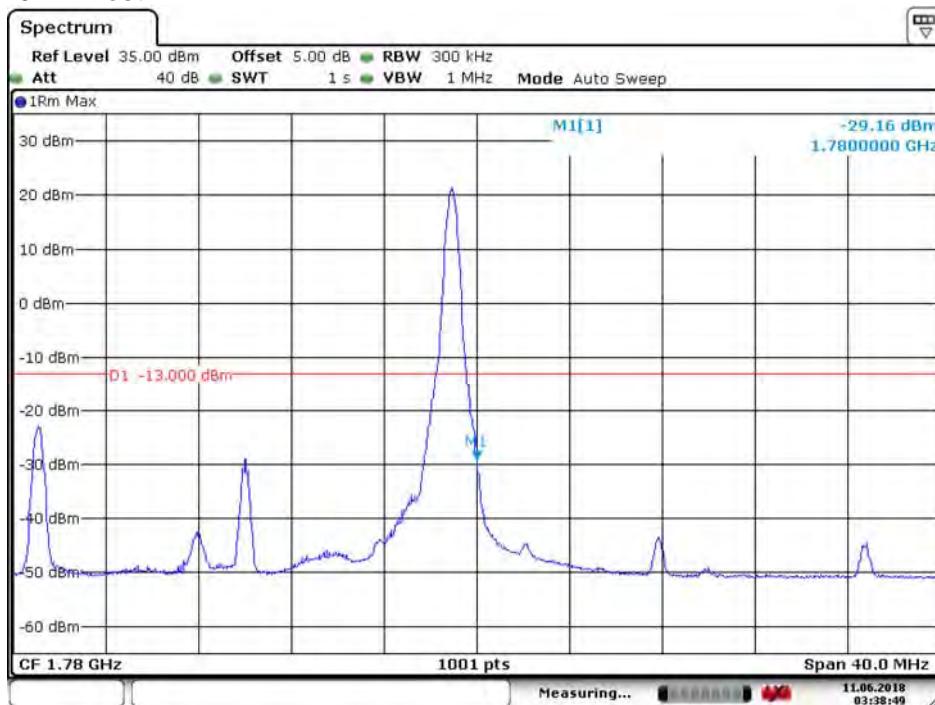
5.1.1.16.1.2 Test RB=100RB



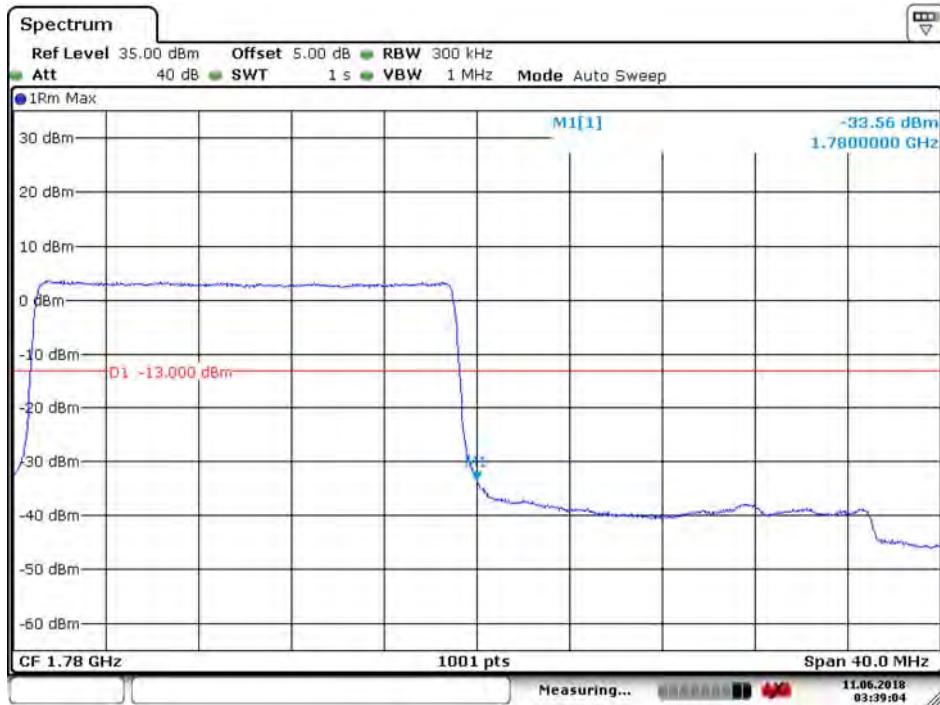
Date: 11.JUN.2018 03:37:03

5.1.1.16.2 Test Channel = HCH

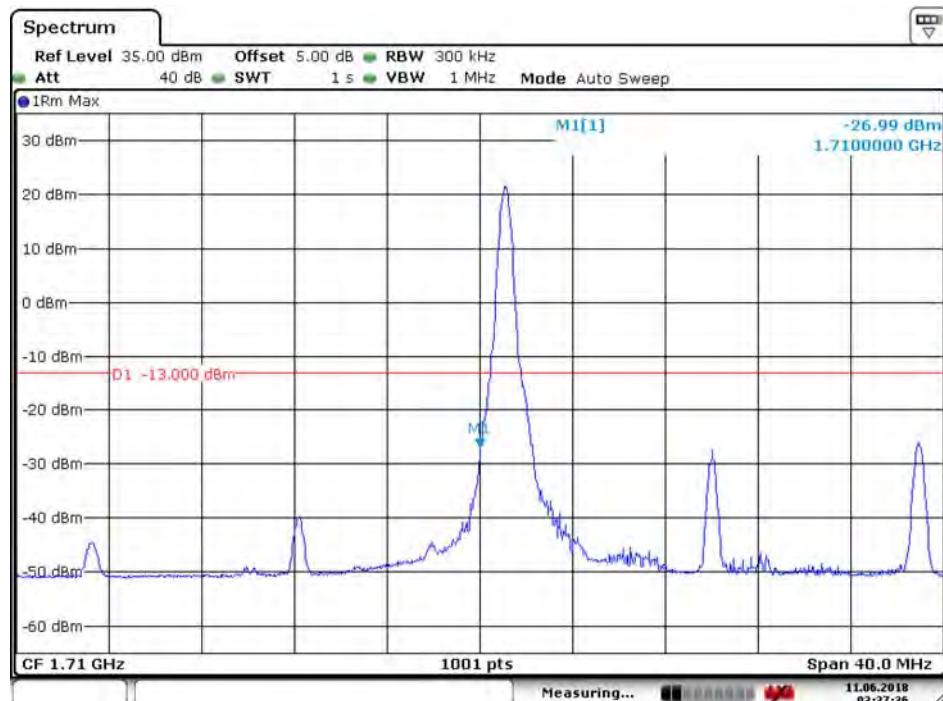
5.1.1.16.2.1 Test RB=1RB



Date: 11.JUN.2018 03:38:49

5.1.1.16.2.2 Test RB=100RB

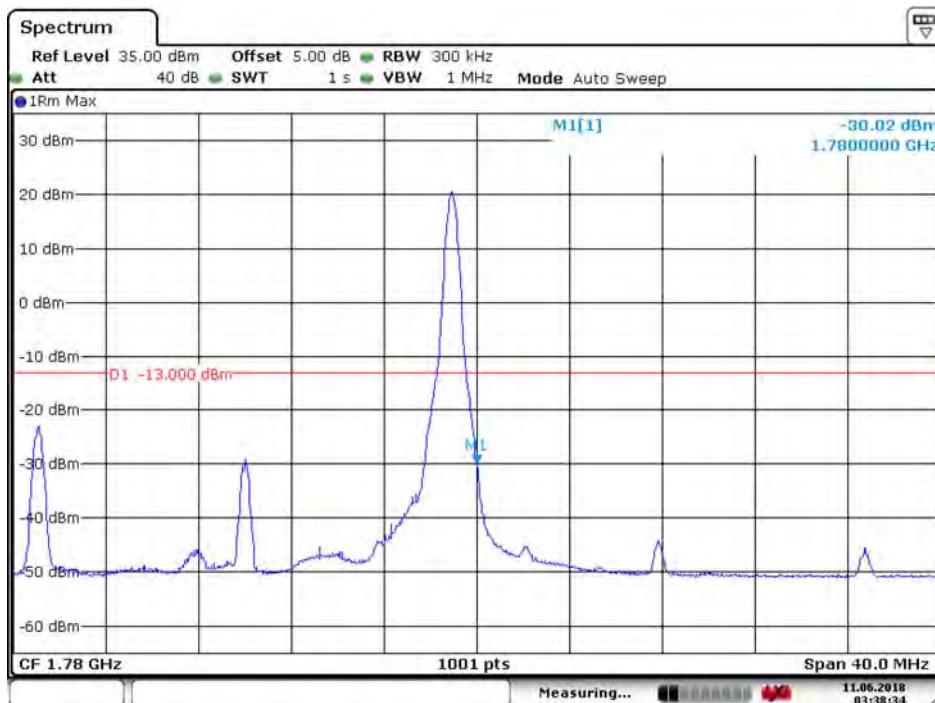
Date: 11.JUN.2018 03:39:04

5.1.1.17 Test Mode = LTE/TM2 20MHz**5.1.1.17.1 Test Channel = LCH****5.1.1.17.1.1 Test RB=1RB**

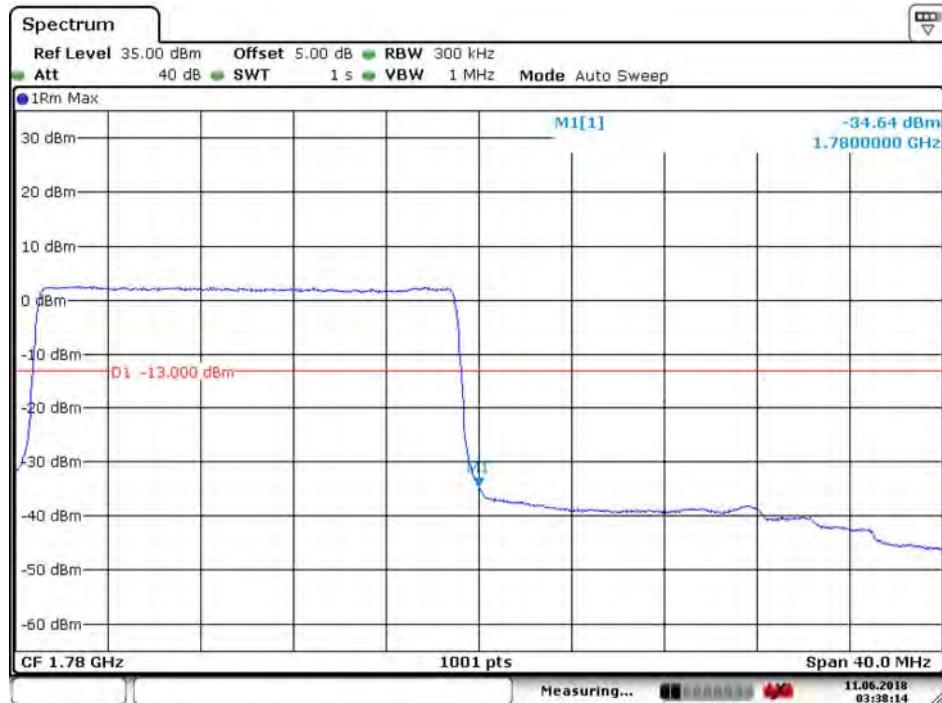
Date: 11.JUN.2018 03:37:37

5.1.1.17.1.2 Test RB=100RB

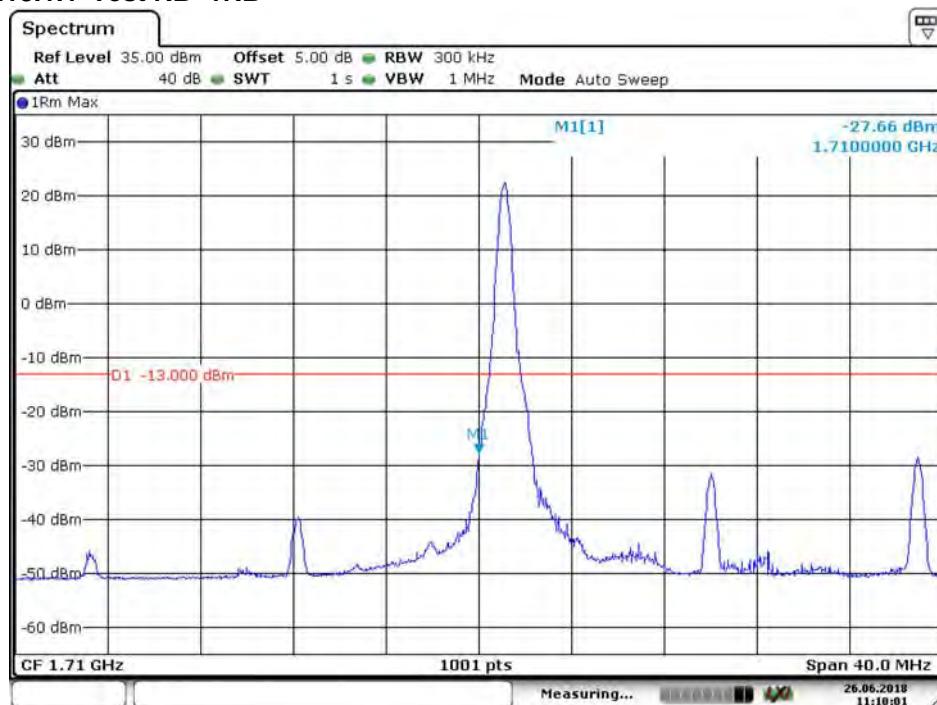
Date: 11.JUN.2018 03:37:55

5.1.1.17.2 Test Channel = HCH**5.1.1.17.2.1 Test RB=1RB**

Date: 11.JUN.2018 03:38:35

5.1.1.17.2.2 Test RB=100RB

Date: 11.JUN.2018 03:38:15

5.1.1.18 Test Mode = LTE/TM3 20MHz**5.1.1.18.1 Test Channel = LCH****5.1.1.18.1.1 Test RB=1RB**

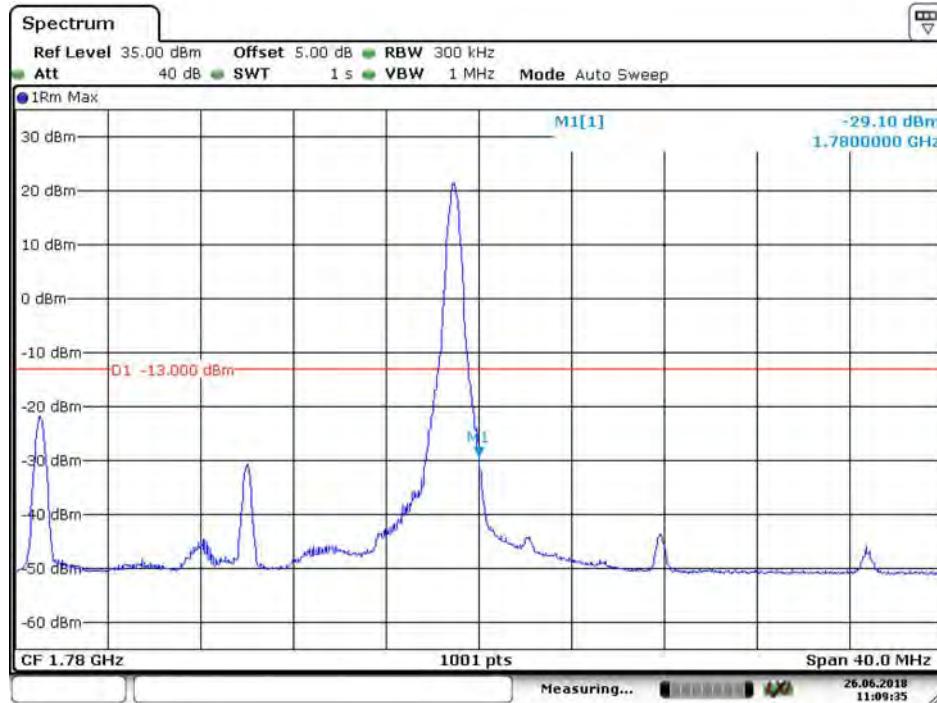
Date: 26 JUN.2018 11:10:01

5.1.1.18.1.2 Test RB=100RB

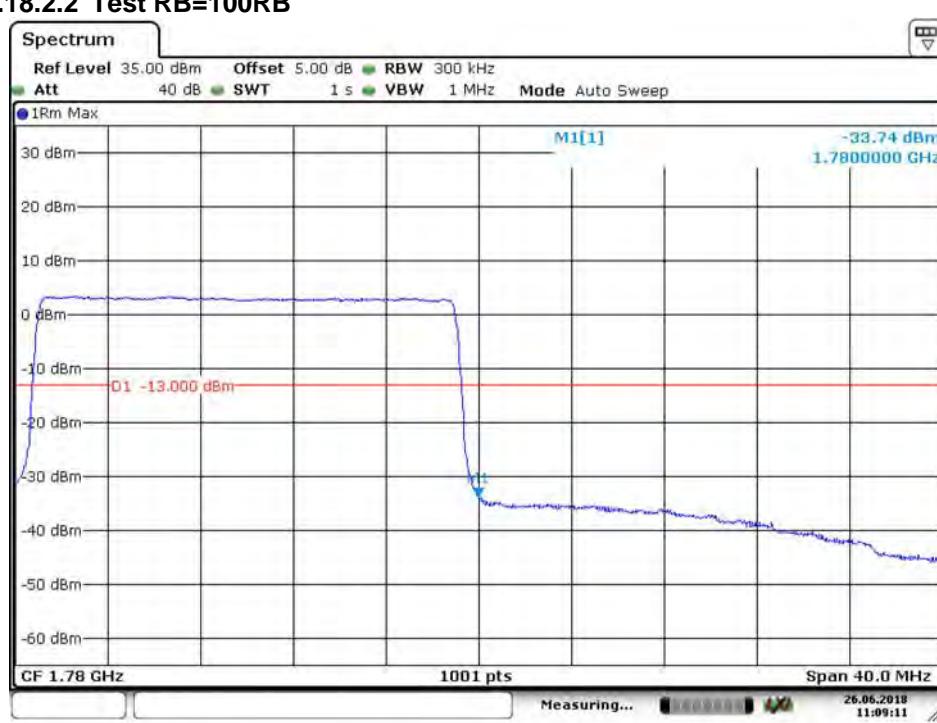
Date: 26 JUN.2018 11:10:16

5.1.1.18.2 Test Channel = HCH

5.1.1.18.2.1 Test RB=1RB



5.1.1.18.2.2 Test RB=100RB



6 Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

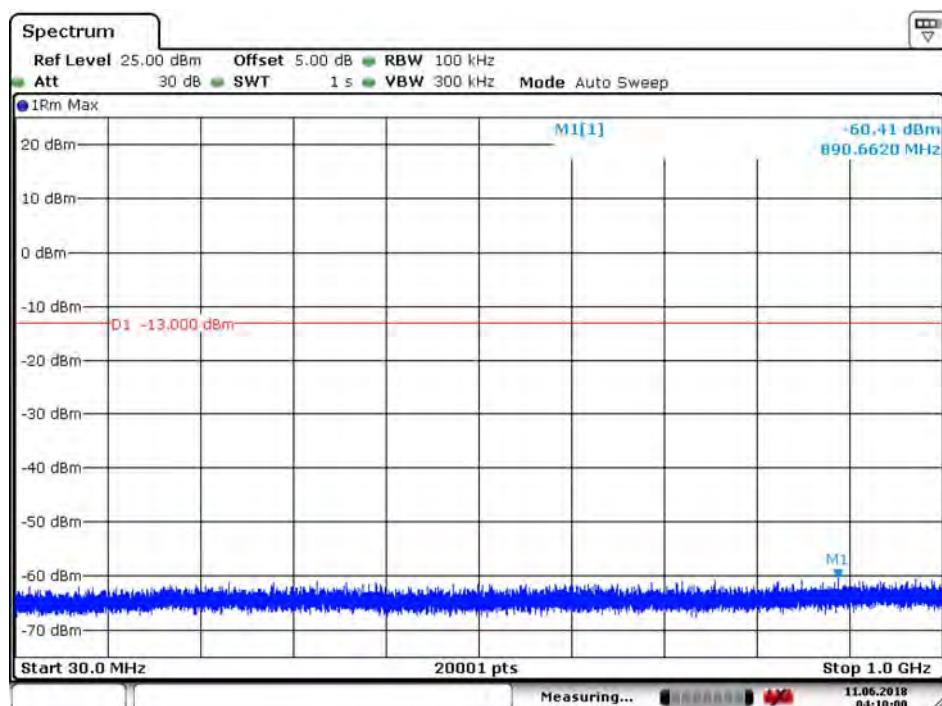
Part I - Test Plots

6.1 For LTE

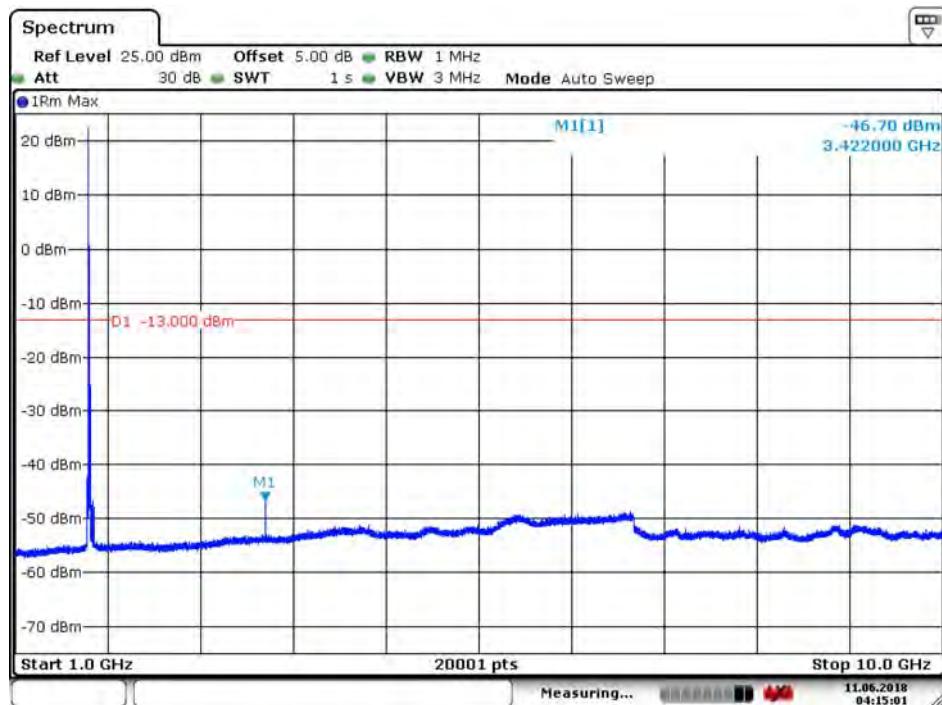
6.1.1 Test Band = LTE BAND 66

6.1.1.1 Test Mode = LTE / TM1 20MHz RB1#0

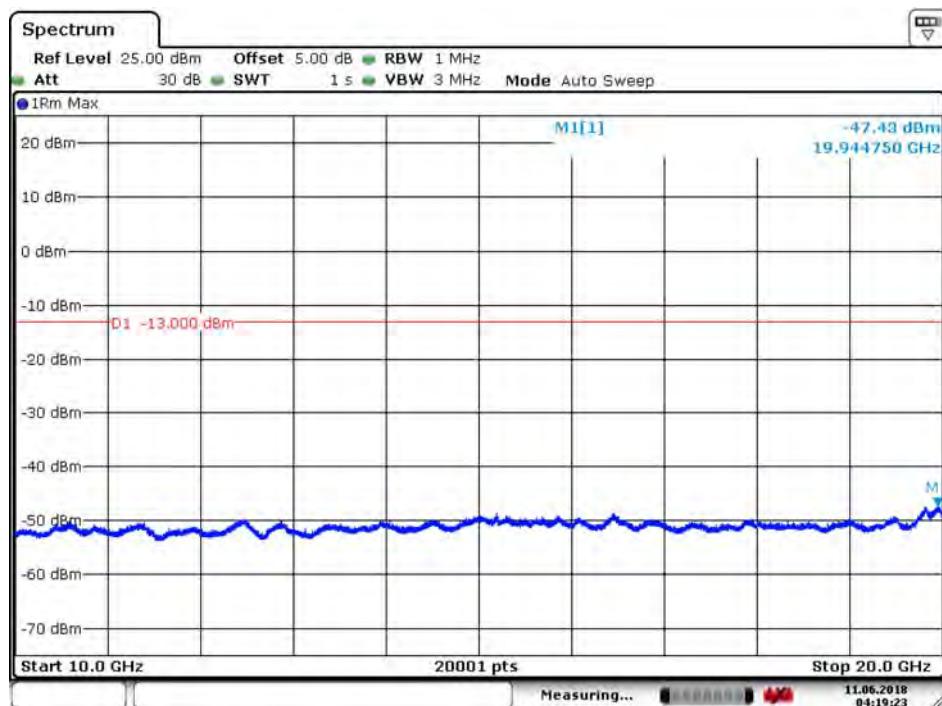
6.1.1.1.1 Test Channel = LCH



Date: 11.JUN.2018 04:10:01

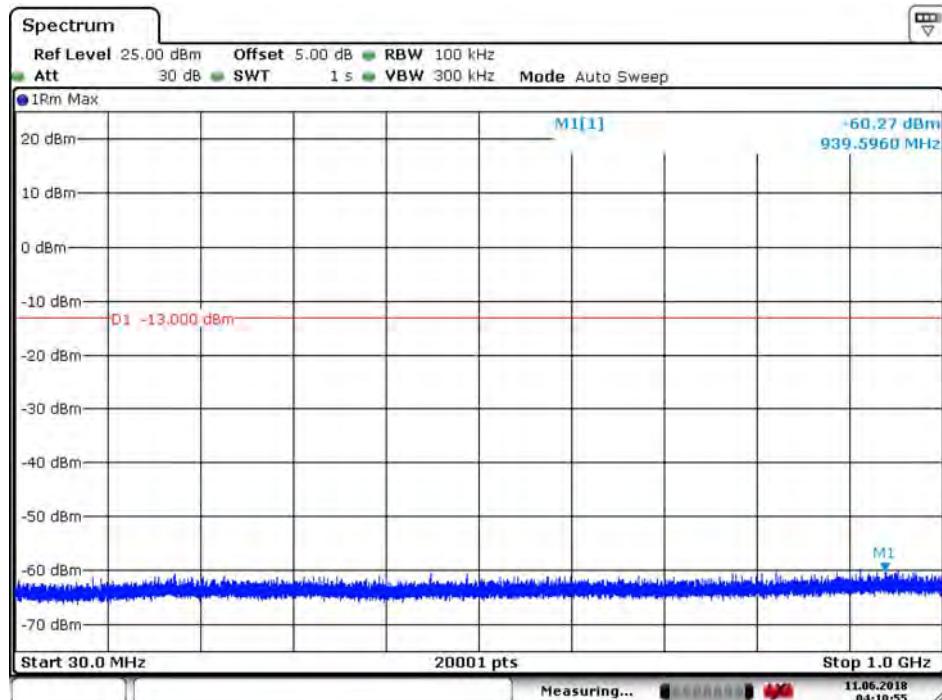


Date: 11.JUN.2018 04:15:02

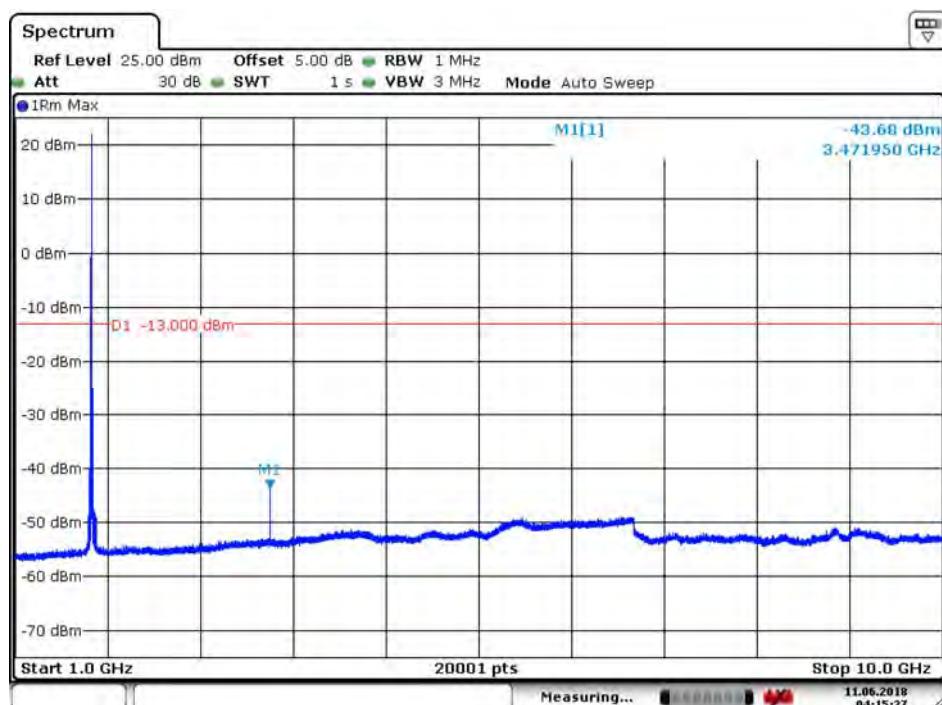


Date: 11.JUN.2018 04:19:23

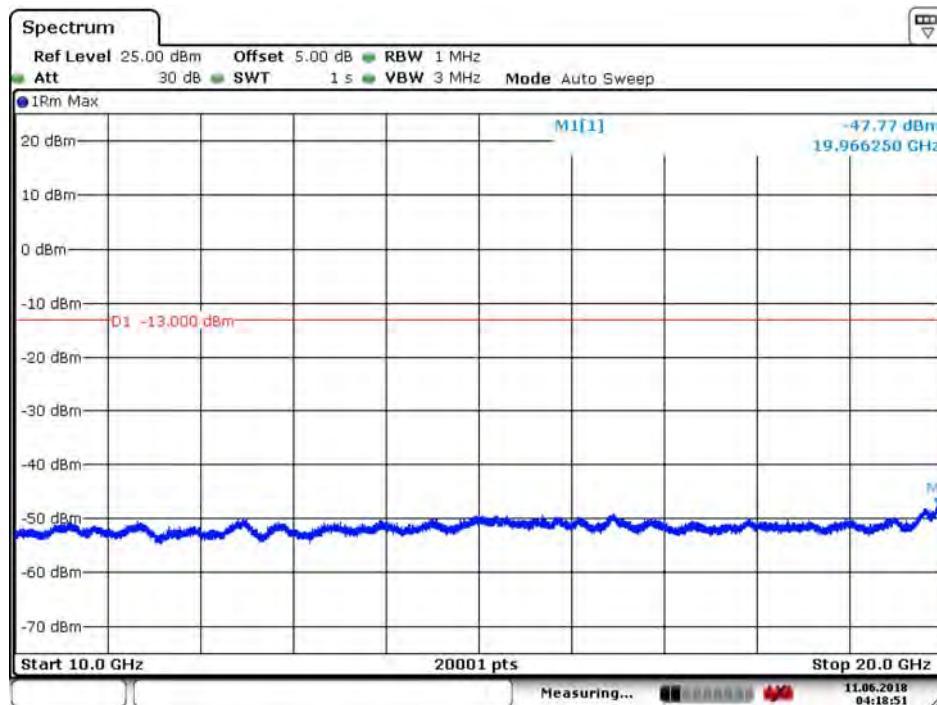
6.1.1.1.2 Test Channel = MCH



Date: 11.JUN.2018 04:10:55

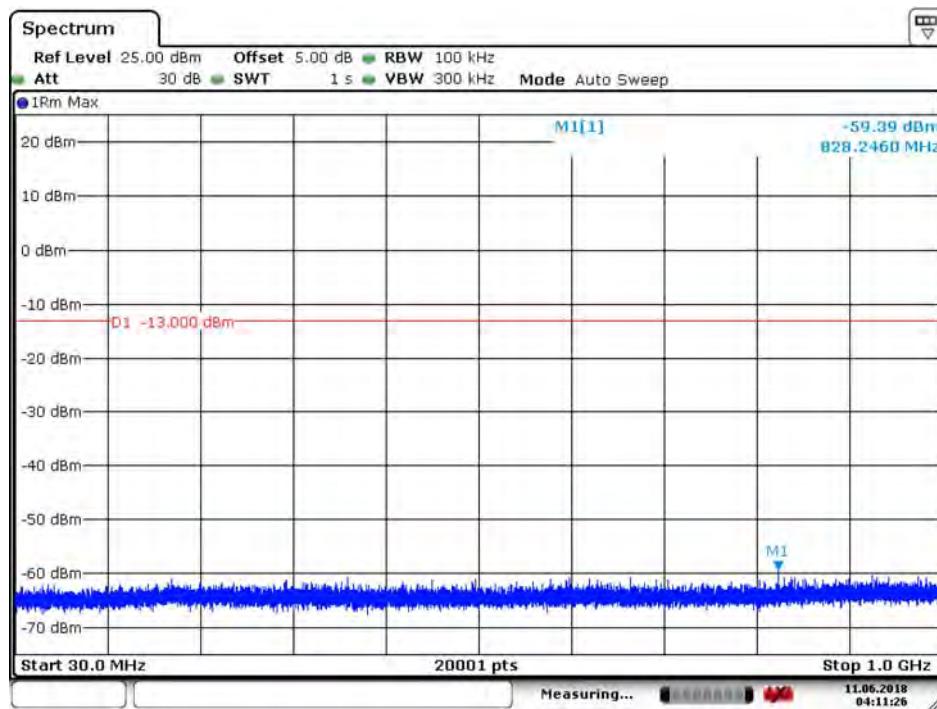


Date: 11.JUN.2018 04:15:27

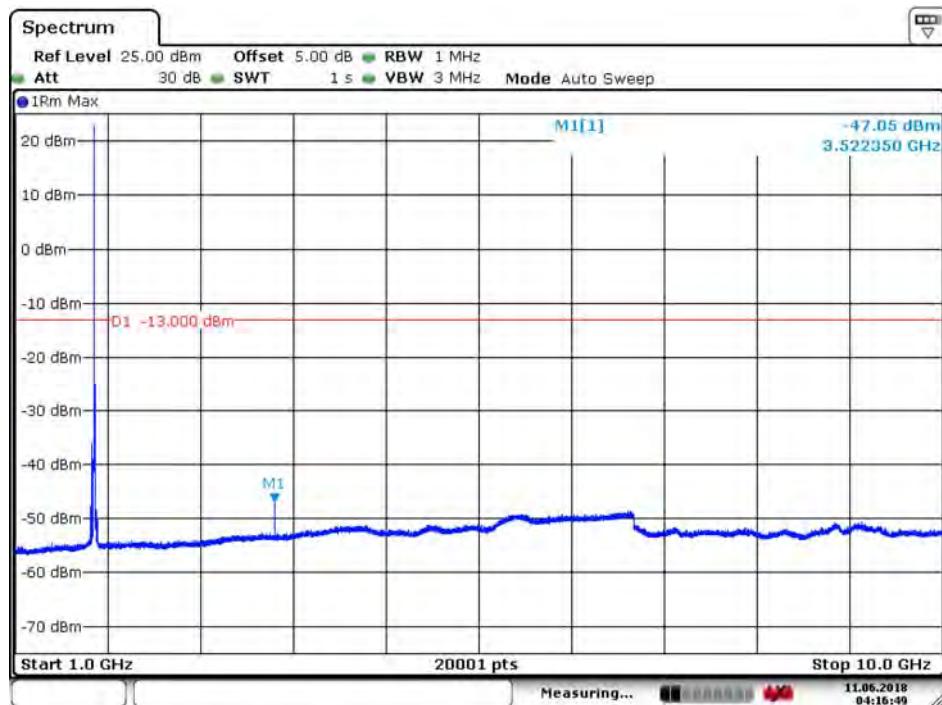


Date: 11.JUN.2018 04:18:51

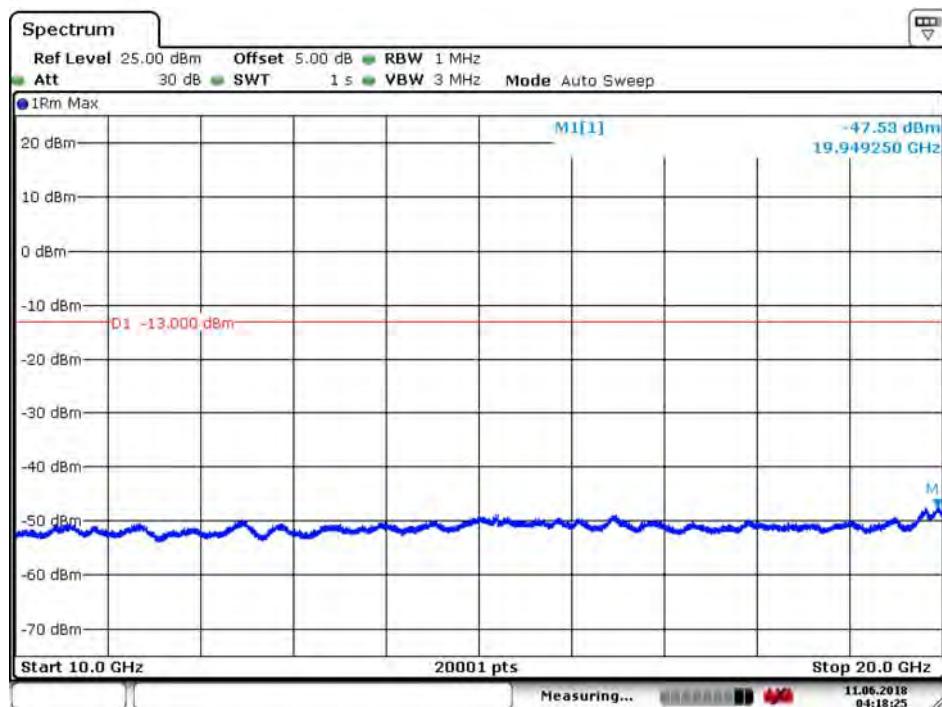
6.1.1.1.3 Test Channel = HCH



Date: 11.JUN.2018 04:11:27



Date: 11.JUN.2018 04:16:49



Date: 11.JUN.2018 04:18:26

7 Field Strength of Spurious Radiation

7.1 For LTE

7.1.1 Test Band = LTE BAND 66

7.1.1.1 Test Mode =LTE/TM1 20MHz RB1#0

7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
64.400000	-81.33	-13.00	68.33	Vertical
143.550000	-82.44	-13.00	69.44	Vertical
178.450000	-79.56	-13.00	66.56	Vertical
3422.500000	-62.16	-13.00	49.16	Vertical
5133.300000	-65.11	-13.00	52.11	Vertical
6844.100000	-62.60	-13.00	49.60	Vertical
63.250000	-77.59	-13.00	64.59	Horizontal
179.400000	-71.29	-13.00	58.29	Horizontal
622.195833	-79.06	-13.00	66.06	Horizontal
3421.525000	-52.90	-13.00	39.90	Horizontal
5133.300000	-64.66	-13.00	51.66	Horizontal
7958.200000	-63.65	-13.00	50.65	Horizontal

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
64.400000	-81.59	-13.00	68.59	Vertical
178.500000	-80.27	-13.00	67.27	Vertical
886.287500	-79.61	-13.00	66.61	Vertical
3471.900000	-61.12	-13.00	48.12	Vertical
5207.725000	-65.80	-13.00	52.80	Vertical
10631.975000	-63.05	-13.00	50.05	Vertical
62.300000	-77.56	-13.00	64.56	Horizontal
184.100000	-72.60	-13.00	59.60	Horizontal
1202.500000	-62.14	-13.00	49.14	Horizontal
3471.900000	-49.61	-13.00	36.61	Horizontal
5208.050000	-62.48	-13.00	49.48	Horizontal
7955.600000	-63.63	-13.00	50.63	Horizontal

7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
65.280000	-80.64	-13.00	67.64	Vertical
141.650000	-81.89	-13.00	68.89	Vertical
177.450000	-79.22	-13.00	66.22	Vertical
3523.550000	-62.52	-13.00	49.52	Vertical
5352.250000	-64.98	-13.00	51.98	Vertical
7944.125000	-63.05	-13.00	50.05	Vertical
64.380000	-76.51	-13.00	63.51	Horizontal
181.400000	-70.25	-13.00	57.25	Horizontal
592.195833	-81.06	-13.00	68.06	Horizontal
3523.550000	-51.35	-13.00	38.35	Horizontal
5352.300000	-63.94	-13.00	50.94	Horizontal
10558.400000	-63.08	-13.00	50.08	Horizontal

NOTE:

- 1) The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all modulation and all bandwidth, but only the worst case data presented in this report.

8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTEBAND 66	LTE/TM1 20MHz	LCH	TN	VL	-11.88	-0.006905	PASS
				VN	0.47	0.000270	PASS
				VH	5.75	0.003344	PASS
		MCH	TN	VL	9.59	0.005495	PASS
				VN	9.54	0.005465	PASS
				VH	8.97	0.005141	PASS
		HCH	TN	VL	0.51	0.000288	PASS
				VN	4.67	0.002640	PASS
				VH	-4.56	-0.002574	PASS
	LTE/TM2 20MHz	LCH	TN	VL	-5.87	-0.003411	PASS
				VN	-0.66	-0.000386	PASS
				VH	-9.17	-0.005334	PASS
		MCH	TN	VL	0.71	0.000407	PASS
				VN	2.66	0.001525	PASS
				VH	8.99	0.005153	PASS
		HCH	TN	VL	2.02	0.001140	PASS
				VN	7.16	0.004042	PASS
				VH	-4.21	-0.002380	PASS
	LTE/TM3 20MHz	LCH	TN	VL	-3.45	-0.002004	PASS
				VN	-6.66	-0.003875	PASS
				VH	1.62	0.000939	PASS
		MCH	TN	VL	-2.69	-0.001543	PASS
				VN	-3.04	-0.001745	PASS
				VH	-1.89	-0.001082	PASS
		HCH	TN	VL	0.57	0.000320	PASS
				VN	-0.38	-0.000214	PASS
				VH	-2.05	-0.001157	PASS

8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE BAND 66	LTE/TM1 20MHz	LCH	VN	-30	9.90	0.005758	PASS
				-20	7.00	0.004071	PASS
				-10	-0.38	-0.000221	PASS
				0	-8.93	-0.005189	PASS
				10	2.34	0.001362	PASS
				20	1.97	0.001147	PASS
				30	0.29	0.000168	PASS
				40	-9.31	-0.005414	PASS
				50	9.30	0.005405	PASS
		MCH	VN	-30	5.11	0.002927	PASS
				-20	-5.95	-0.003411	PASS
				-10	9.99	0.005725	PASS
				0	7.02	0.004022	PASS
				10	5.95	0.003410	PASS
				20	-2.61	-0.001495	PASS
				30	-5.89	-0.003378	PASS
				40	8.66	0.004961	PASS
				50	4.86	0.002786	PASS
		HCH	VN	-30	-0.79	-0.000446	PASS
				-20	4.88	0.002759	PASS
				-10	5.34	0.003016	PASS
				0	1.62	0.000914	PASS
				10	0.27	0.000152	PASS
				20	-4.83	-0.002728	PASS
				30	-8.90	-0.005027	PASS
				40	1.95	0.001102	PASS
				50	-5.41	-0.003057	PASS



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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTEBAND 66	LTE/TM2 20MHz	LCH	VN	-30	-9.15	-0.005322	PASS
				-20	-9.23	-0.005365	PASS
				-10	-5.85	-0.003403	PASS
				0	6.36	0.003697	PASS
				10	9.83	0.005713	PASS
				20	8.26	0.004800	PASS
				30	6.87	0.003993	PASS
				40	-6.36	-0.003695	PASS
				50	1.32	0.000769	PASS
		MCH	VN	-30	8.85	0.005070	PASS
				-20	0.68	0.000389	PASS
				-10	1.64	0.000938	PASS
				0	-2.45	-0.001402	PASS
				10	4.86	0.002783	PASS
				20	0.35	0.000198	PASS
				30	-6.83	-0.003914	PASS
				40	-2.40	-0.001378	PASS
				50	-9.98	-0.005718	PASS
		HCH	VN	-30	-6.60	-0.003731	PASS
				-20	7.00	0.003955	PASS
				-10	2.88	0.001627	PASS
				0	9.76	0.005512	PASS
				10	0.38	0.000215	PASS
				20	-7.11	-0.004016	PASS
				30	8.10	0.004574	PASS
				40	8.79	0.004965	PASS
				50	5.25	0.002968	PASS



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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTEBAND 66	LTE/TM3 20MHz	LCH	VN	-30	-1.34	-0.000780	PASS
				-20	-2.88	-0.001672	PASS
				-10	9.17	0.005331	PASS
				0	-6.01	-0.003493	PASS
				10	-2.56	-0.001486	PASS
				20	-9.87	-0.005738	PASS
				30	-9.57	-0.005566	PASS
				40	7.35	0.004274	PASS
				50	-7.95	-0.004623	PASS
		MCH	VN	-30	-3.40	-0.001951	PASS
				-20	3.31	0.001896	PASS
				-10	2.82	0.001614	PASS
				0	-3.83	-0.002195	PASS
				10	1.79	0.001026	PASS
				20	0.59	0.000336	PASS
				30	-0.32	-0.000184	PASS
				40	9.21	0.005279	PASS
				50	5.93	0.003397	PASS
		HCH	VN	-30	-0.18	-0.000100	PASS
				-20	-8.03	-0.004535	PASS
				-10	-0.71	-0.000403	PASS
				0	7.25	0.004098	PASS
				10	-3.56	-0.002012	PASS
				20	-3.55	-0.002004	PASS
				30	1.70	0.000958	PASS
				40	-0.21	-0.000116	PASS
				50	0.34	0.000190	PASS

The End