



Appendix B

Test Data for SZEM1610008522RG



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1 Effective (Isotropic) Radiated Power Output Data

Effective Radiated Power of Transmitter (ERP) for LTE BAND 26(824-849)

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM1	1.4M	LCH	RB1#0	22.07	21.42	38.45	PASS
				RB1#2	22.05	21.40	38.45	PASS
				RB1#5	22.02	21.37	38.45	PASS
				RB3#0	21.31	20.66	38.45	PASS
				RB3#2	21.24	20.59	38.45	PASS
				RB3#3	21.34	20.69	38.45	PASS
				RB6#0	21.23	20.58	38.45	PASS
			MCH	RB1#0	22.15	21.50	38.45	PASS
				RB1#2	22.12	21.47	38.45	PASS
				RB1#5	22.03	21.38	38.45	PASS
				RB3#0	21.35	20.70	38.45	PASS
				RB3#2	21.34	20.69	38.45	PASS
				RB3#3	21.31	20.66	38.45	PASS
				RB6#0	21.23	20.58	38.45	PASS
			HCH	RB1#0	22.09	21.44	38.45	PASS
				RB1#2	22.06	21.41	38.45	PASS
				RB1#5	22.05	21.40	38.45	PASS
				RB3#0	21.30	20.65	38.45	PASS
				RB3#2	21.34	20.69	38.45	PASS
				RB3#3	21.21	20.56	38.45	PASS
				RB6#0	21.23	20.58	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM2	1.4M	LCH	RB1#0	21.59	20.94	38.45	PASS
				RB1#2	21.51	20.86	38.45	PASS
				RB1#5	21.45	20.80	38.45	PASS
				RB3#0	20.35	19.70	38.45	PASS
				RB3#2	20.43	19.78	38.45	PASS
				RB3#3	20.41	19.76	38.45	PASS
				RB6#0	20.38	19.73	38.45	PASS
			MCH	RB1#0	21.56	20.91	38.45	PASS
				RB1#2	21.52	20.87	38.45	PASS
				RB1#5	21.50	20.85	38.45	PASS
				RB3#0	20.43	19.78	38.45	PASS
				RB3#2	20.41	19.76	38.45	PASS
				RB3#3	20.35	19.70	38.45	PASS
				RB6#0	20.42	19.77	38.45	PASS
			HCH	RB1#0	21.57	20.92	38.45	PASS
				RB1#2	21.55	20.90	38.45	PASS
				RB1#5	21.51	20.86	38.45	PASS
				RB3#0	20.43	19.78	38.45	PASS
				RB3#2	20.39	19.74	38.45	PASS
				RB3#3	20.37	19.72	38.45	PASS
				RB6#0	20.34	19.69	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM3	1.4M	LCH	RB1#0	20.72	20.07	38.45	PASS
				RB1#2	20.63	19.98	38.45	PASS
				RB1#5	20.57	19.92	38.45	PASS
				RB3#0	19.48	18.83	38.45	PASS
				RB3#2	19.42	18.77	38.45	PASS
				RB3#3	19.34	18.69	38.45	PASS
				RB6#0	19.33	18.68	38.45	PASS
			MCH	RB1#0	20.72	20.07	38.45	PASS
				RB1#2	20.70	20.05	38.45	PASS
				RB1#5	20.65	20.00	38.45	PASS
				RB3#0	19.41	18.76	38.45	PASS
				RB3#2	19.43	18.78	38.45	PASS
				RB3#3	19.39	18.74	38.45	PASS
				RB6#0	19.36	18.71	38.45	PASS
			HCH	RB1#0	20.73	20.08	38.45	PASS
				RB1#2	20.68	20.03	38.45	PASS
				RB1#5	20.73	20.08	38.45	PASS
				RB3#0	19.4	18.75	38.45	PASS
				RB3#2	19.41	18.76	38.45	PASS
				RB3#3	19.35	18.70	38.45	PASS
				RB6#0	19.34	18.69	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM1	3M	LCH	RB1#0	22.10	21.45	38.45	PASS
				RB1#7	22.05	21.40	38.45	PASS
				RB1#14	22.03	21.38	38.45	PASS
				RB8#0	21.32	20.67	38.45	PASS
				RB8#4	21.32	20.67	38.45	PASS
				RB8#7	21.34	20.69	38.45	PASS
				RB15#0	21.28	20.63	38.45	PASS
			MCH	RB1#0	22.16	21.51	38.45	PASS
				RB1#7	22.14	21.49	38.45	PASS
				RB1#14	22.12	21.47	38.45	PASS
				RB8#0	21.42	20.77	38.45	PASS
				RB8#4	21.34	20.69	38.45	PASS
				RB8#7	21.36	20.71	38.45	PASS
				RB15#0	21.25	20.60	38.45	PASS
			HCH	RB1#0	22.11	21.46	38.45	PASS
				RB1#7	22.11	21.46	38.45	PASS
				RB1#14	22.08	21.43	38.45	PASS
				RB8#0	21.33	20.68	38.45	PASS
				RB8#4	21.34	20.69	38.45	PASS
				RB8#7	21.25	20.60	38.45	PASS
				RB15#0	21.24	20.59	38.45	PASS

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BAND26 (824-849)	LTE/TM2	3M	LCH	RB1#0	21.59	20.94	38.45	PASS
				RB1#7	21.53	20.88	38.45	PASS
				RB1#14	21.47	20.82	38.45	PASS
				RB8#0	20.41	19.76	38.45	PASS
				RB8#4	20.43	19.78	38.45	PASS
				RB8#7	20.40	19.75	38.45	PASS
				RB15#0	20.40	19.75	38.45	PASS
			MCH	RB1#0	21.60	20.95	38.45	PASS
				RB1#7	21.56	20.91	38.45	PASS
				RB1#14	21.58	20.93	38.45	PASS
				RB8#0	20.47	19.82	38.45	PASS
				RB8#4	20.45	19.80	38.45	PASS
				RB8#7	20.37	19.72	38.45	PASS
				RB15#0	20.42	19.77	38.45	PASS
			HCH	RB1#0	21.57	20.92	38.45	PASS
				RB1#7	21.58	20.93	38.45	PASS
				RB1#14	21.55	20.90	38.45	PASS
				RB8#0	20.44	19.79	38.45	PASS
				RB8#4	20.43	19.78	38.45	PASS
				RB8#7	20.4	19.75	38.45	PASS
				RB15#0	20.38	19.73	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM3	3M	LCH	RB1#0	20.76	20.11	38.45	PASS
				RB1#7	20.61	19.96	38.45	PASS
				RB1#14	20.58	19.93	38.45	PASS
				RB8#0	19.48	18.83	38.45	PASS
				RB8#4	19.43	18.78	38.45	PASS
				RB8#7	19.38	18.73	38.45	PASS
				RB15#0	19.32	18.67	38.45	PASS
			MCH	RB1#0	20.74	20.09	38.45	PASS
				RB1#7	20.72	20.07	38.45	PASS
				RB1#14	20.71	20.06	38.45	PASS
				RB8#0	19.44	18.79	38.45	PASS
				RB8#4	19.47	18.82	38.45	PASS
				RB8#7	19.42	18.77	38.45	PASS
				RB15#0	19.36	18.71	38.45	PASS
			HCH	RB1#0	20.74	20.09	38.45	PASS
				RB1#7	20.72	20.07	38.45	PASS
				RB1#14	20.73	20.08	38.45	PASS
				RB8#0	19.41	18.76	38.45	PASS
				RB8#4	19.43	18.78	38.45	PASS
				RB8#7	19.37	18.72	38.45	PASS
				RB15#0	19.39	18.74	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM1	5M	LCH	RB1#0	22.14	21.49	38.45	PASS
				RB1#13	22.05	21.40	38.45	PASS
				RB1#24	22.03	21.38	38.45	PASS
				RB12#0	21.37	20.72	38.45	PASS
				RB12#6	21.33	20.68	38.45	PASS
				RB12#13	21.36	20.71	38.45	PASS
				RB25#0	21.31	20.66	38.45	PASS
			MCH	RB1#0	22.16	21.51	38.45	PASS
				RB1#13	22.12	21.47	38.45	PASS
				RB1#24	22.11	21.46	38.45	PASS
				RB12#0	21.44	20.79	38.45	PASS
				RB12#6	21.42	20.77	38.45	PASS
				RB12#13	21.39	20.74	38.45	PASS
				RB25#0	21.30	20.65	38.45	PASS
			HCH	RB1#0	22.15	21.50	38.45	PASS
				RB1#13	22.11	21.46	38.45	PASS
				RB1#24	22.09	21.44	38.45	PASS
				RB12#0	21.33	20.68	38.45	PASS
				RB12#6	21.35	20.70	38.45	PASS
				RB12#13	21.28	20.63	38.45	PASS
				RB25#0	21.25	20.60	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM2	5M	LCH	RB1#0	21.60	20.95	38.45	PASS
				RB1#13	21.55	20.90	38.45	PASS
				RB1#24	21.52	20.87	38.45	PASS
				RB12#0	20.45	19.80	38.45	PASS
				RB12#6	20.44	19.79	38.45	PASS
				RB12#13	20.42	19.77	38.45	PASS
				RB25#0	20.43	19.78	38.45	PASS
			MCH	RB1#0	21.59	20.94	38.45	PASS
				RB1#13	21.58	20.93	38.45	PASS
				RB1#24	21.59	20.94	38.45	PASS
				RB12#0	20.51	19.86	38.45	PASS
				RB12#6	20.46	19.81	38.45	PASS
				RB12#13	20.40	19.75	38.45	PASS
				RB25#0	20.38	19.73	38.45	PASS
			HCH	RB1#0	21.62	20.97	38.45	PASS
				RB1#13	21.60	20.95	38.45	PASS
				RB1#24	21.57	20.92	38.45	PASS
				RB12#0	20.46	19.81	38.45	PASS
				RB12#6	20.47	19.82	38.45	PASS
				RB12#13	20.43	19.78	38.45	PASS
				RB25#0	20.39	19.74	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM3	5M	LCH	RB1#0	20.77	20.12	38.45	PASS
				RB1#13	20.63	19.98	38.45	PASS
				RB1#24	20.59	19.94	38.45	PASS
				RB12#0	19.52	18.87	38.45	PASS
				RB12#6	19.43	18.78	38.45	PASS
				RB12#13	19.39	18.74	38.45	PASS
				RB25#0	19.38	18.73	38.45	PASS
			MCH	RB1#0	20.75	20.10	38.45	PASS
				RB1#13	20.74	20.09	38.45	PASS
				RB1#24	20.75	20.10	38.45	PASS
				RB12#0	19.46	18.81	38.45	PASS
				RB12#6	19.51	18.86	38.45	PASS
				RB12#13	19.43	18.78	38.45	PASS
				RB25#0	19.40	18.75	38.45	PASS
			HCH	RB1#0	20.77	20.12	38.45	PASS
				RB1#13	20.75	20.10	38.45	PASS
				RB1#24	20.73	20.08	38.45	PASS
				RB12#0	19.46	18.81	38.45	PASS
				RB12#6	19.46	18.81	38.45	PASS
				RB12#13	19.38	18.73	38.45	PASS
				RB25#0	19.43	18.78	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM1	10M	LCH	RB1#0	22.15	21.50	38.45	PASS
				RB1#25	22.10	21.45	38.45	PASS
				RB1#49	22.05	21.40	38.45	PASS
				RB25#0	21.42	20.77	38.45	PASS
				RB25#13	21.33	20.68	38.45	PASS
				RB25#25	21.38	20.73	38.45	PASS
				RB50#0	21.35	20.70	38.45	PASS
			MCH	RB1#0	22.22	21.57	38.45	PASS
				RB1#25	22.15	21.50	38.45	PASS
				RB1#49	22.15	21.50	38.45	PASS
				RB25#0	21.41	20.76	38.45	PASS
				RB25#13	21.40	20.75	38.45	PASS
				RB25#25	21.40	20.75	38.45	PASS
				RB50#0	21.36	20.71	38.45	PASS
			HCH	RB1#0	22.17	21.52	38.45	PASS
				RB1#25	22.14	21.49	38.45	PASS
				RB1#49	22.12	21.47	38.45	PASS
				RB25#0	21.37	20.72	38.45	PASS
				RB25#13	21.36	20.71	38.45	PASS
				RB25#25	21.30	20.65	38.45	PASS
				RB50#0	21.30	20.65	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM2	10M	LCH	RB1#0	21.61	20.96	38.45	PASS
				RB1#25	21.58	20.93	38.45	PASS
				RB1#49	21.56	20.91	38.45	PASS
				RB25#0	20.43	19.78	38.45	PASS
				RB25#13	20.53	19.88	38.45	PASS
				RB25#25	20.48	19.83	38.45	PASS
				RB50#0	20.42	19.77	38.45	PASS
			MCH	RB1#0	21.65	21.00	38.45	PASS
				RB1#25	21.60	20.95	38.45	PASS
				RB1#49	21.61	20.96	38.45	PASS
				RB25#0	20.52	19.87	38.45	PASS
				RB25#13	20.50	19.85	38.45	PASS
				RB25#25	20.44	19.79	38.45	PASS
				RB50#0	20.42	19.77	38.45	PASS
			HCH	RB1#0	21.66	21.01	38.45	PASS
				RB1#25	21.61	20.96	38.45	PASS
				RB1#49	21.59	20.94	38.45	PASS
				RB25#0	20.47	19.82	38.45	PASS
				RB25#13	20.50	19.85	38.45	PASS
				RB25#25	20.47	19.82	38.45	PASS
				RB50#0	20.41	19.76	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM3	10M	LCH	RB1#0	20.76	20.11	38.45	PASS
				RB1#25	20.69	20.04	38.45	PASS
				RB1#49	20.62	19.97	38.45	PASS
				RB25#0	19.51	18.86	38.45	PASS
				RB25#13	19.44	18.79	38.45	PASS
				RB25#25	19.43	18.78	38.45	PASS
				RB50#0	19.38	18.73	38.45	PASS
			MCH	RB1#0	20.79	20.14	38.45	PASS
				RB1#25	20.75	20.10	38.45	PASS
				RB1#49	20.77	20.12	38.45	PASS
				RB25#0	19.52	18.87	38.45	PASS
				RB25#13	19.51	18.86	38.45	PASS
				RB25#25	19.47	18.82	38.45	PASS
				RB50#0	19.42	18.77	38.45	PASS
			HCH	RB1#0	20.78	20.13	38.45	PASS
				RB1#25	20.77	20.12	38.45	PASS
				RB1#49	20.77	20.12	38.45	PASS
				RB25#0	19.48	18.83	38.45	PASS
				RB25#13	19.48	18.83	38.45	PASS
				RB25#25	19.43	18.78	38.45	PASS
				RB50#0	19.43	18.78	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM1	15M	LCH	RB1#0	22.19	21.54	38.45	PASS
				RB1#38	22.16	21.51	38.45	PASS
				RB1#74	22.12	21.47	38.45	PASS
				RB36#0	21.43	20.78	38.45	PASS
				RB36#18	21.39	20.74	38.45	PASS
				RB36#39	21.36	20.71	38.45	PASS
				RB75#0	21.33	20.68	38.45	PASS
			MCH	RB1#0	22.23	21.58	38.45	PASS
				RB1#38	22.16	21.51	38.45	PASS
				RB1#74	22.17	21.52	38.45	PASS
				RB36#0	21.43	20.78	38.45	PASS
				RB36#18	21.44	20.79	38.45	PASS
				RB36#39	21.40	20.75	38.45	PASS
				RB75#0	21.36	20.71	38.45	PASS
			HCH	RB1#0	22.21	21.56	38.45	PASS
				RB1#38	22.18	21.53	38.45	PASS
				RB1#74	22.13	21.48	38.45	PASS
				RB36#0	21.39	20.74	38.45	PASS
				RB36#18	21.38	20.73	38.45	PASS
				RB36#39	21.33	20.68	38.45	PASS
				RB75#0	21.30	20.65	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM2	15M	LCH	RB1#0	21.64	20.99	38.45	PASS
				RB1#38	21.63	20.98	38.45	PASS
				RB1#74	21.60	20.95	38.45	PASS
				RB36#0	20.52	19.87	38.45	PASS
				RB36#18	20.54	19.89	38.45	PASS
				RB36#39	20.49	19.84	38.45	PASS
				RB75#0	20.45	19.80	38.45	PASS
			MCH	RB1#0	21.69	21.04	38.45	PASS
				RB1#38	21.65	21.00	38.45	PASS
				RB1#74	21.62	20.97	38.45	PASS
				RB36#0	20.55	19.90	38.45	PASS
				RB36#18	20.53	19.88	38.45	PASS
				RB36#39	20.48	19.83	38.45	PASS
				RB75#0	20.47	19.82	38.45	PASS
			HCH	RB1#0	21.66	21.01	38.45	PASS
				RB1#38	21.64	20.99	38.45	PASS
				RB1#74	21.62	20.97	38.45	PASS
				RB36#0	20.51	19.86	38.45	PASS
				RB36#18	20.51	19.86	38.45	PASS
				RB36#39	20.47	19.82	38.45	PASS
				RB75#0	20.46	19.81	38.45	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26 (824-849)	LTE/TM3	15M	LCH	RB1#0	20.76	20.11	38.45	PASS
				RB1#38	20.70	20.05	38.45	PASS
				RB1#74	20.67	20.02	38.45	PASS
				RB36#0	19.54	18.89	38.45	PASS
				RB36#18	19.49	18.84	38.45	PASS
				RB36#39	19.44	18.79	38.45	PASS
				RB75#0	19.43	18.78	38.45	PASS
			MCH	RB1#0	20.83	20.18	38.45	PASS
				RB1#38	20.76	20.11	38.45	PASS
				RB1#74	20.78	20.13	38.45	PASS
				RB36#0	19.56	18.91	38.45	PASS
				RB36#18	19.51	18.86	38.45	PASS
				RB36#39	19.50	18.85	38.45	PASS
				RB75#0	19.47	18.82	38.45	PASS
			HCH	RB1#0	20.80	20.15	38.45	PASS
				RB1#38	20.78	20.13	38.45	PASS
				RB1#74	20.77	20.12	38.45	PASS
				RB36#0	19.52	18.87	38.45	PASS
				RB36#18	19.48	18.83	38.45	PASS
				RB36#39	19.46	18.81	38.45	PASS
				RB75#0	19.45	18.80	38.45	PASS

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Note:

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

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

b: SGP=Signal Generator Level

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

Detector: RMS



2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
Band 26(824-849)	TM1/15M	LCH	5.36	13	PASS
		MCH	5.36	13	PASS
		HCH	5.42	13	PASS
	TM2/15M	LCH	6.17	13	PASS
		MCH	6.14	13	PASS
		HCH	6.17	13	PASS
	TM3/15M	LCH	6.72	13	PASS
		MCH	6.58	13	PASS
		HCH	6.72	13	PASS



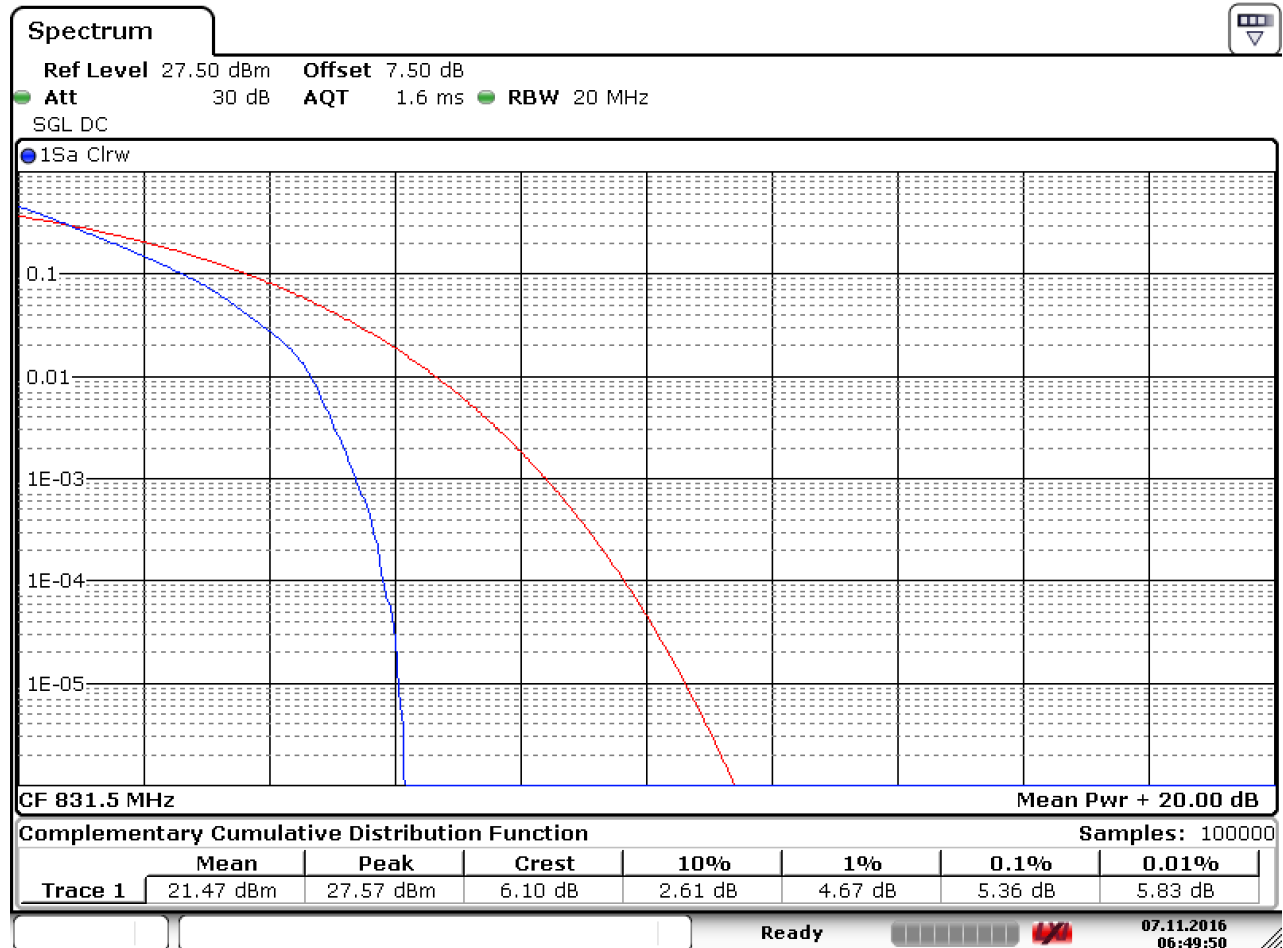
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band 26(824-849)

2.1.1.1 Test Mode = LTE/TM1.Bandwidth=15MHz

2.1.1.1.1 Test Channel = LCH



Date: 7.NOV.2016 06:49:51

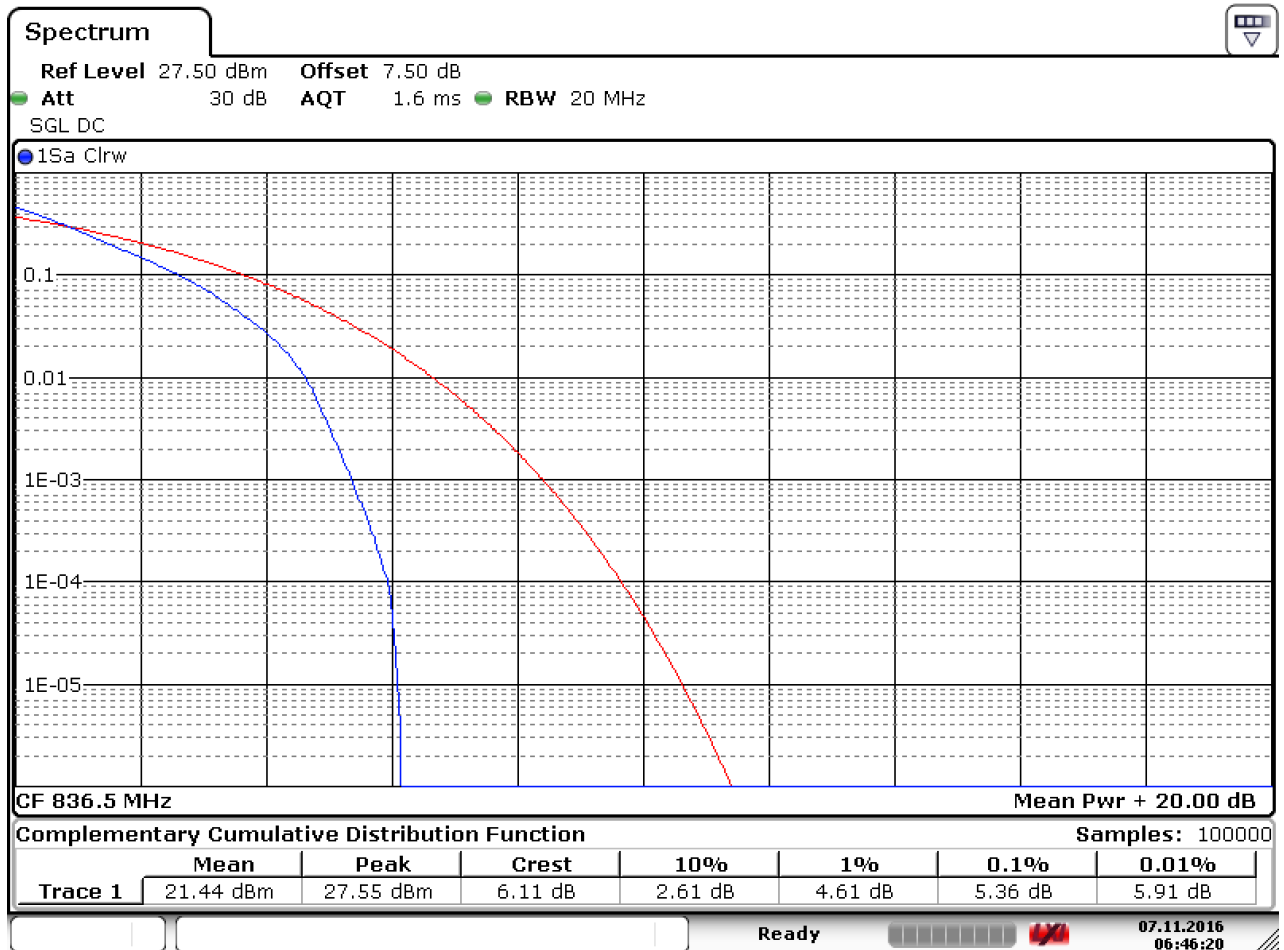


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2.1.1.1.2 Test Channel = MCH



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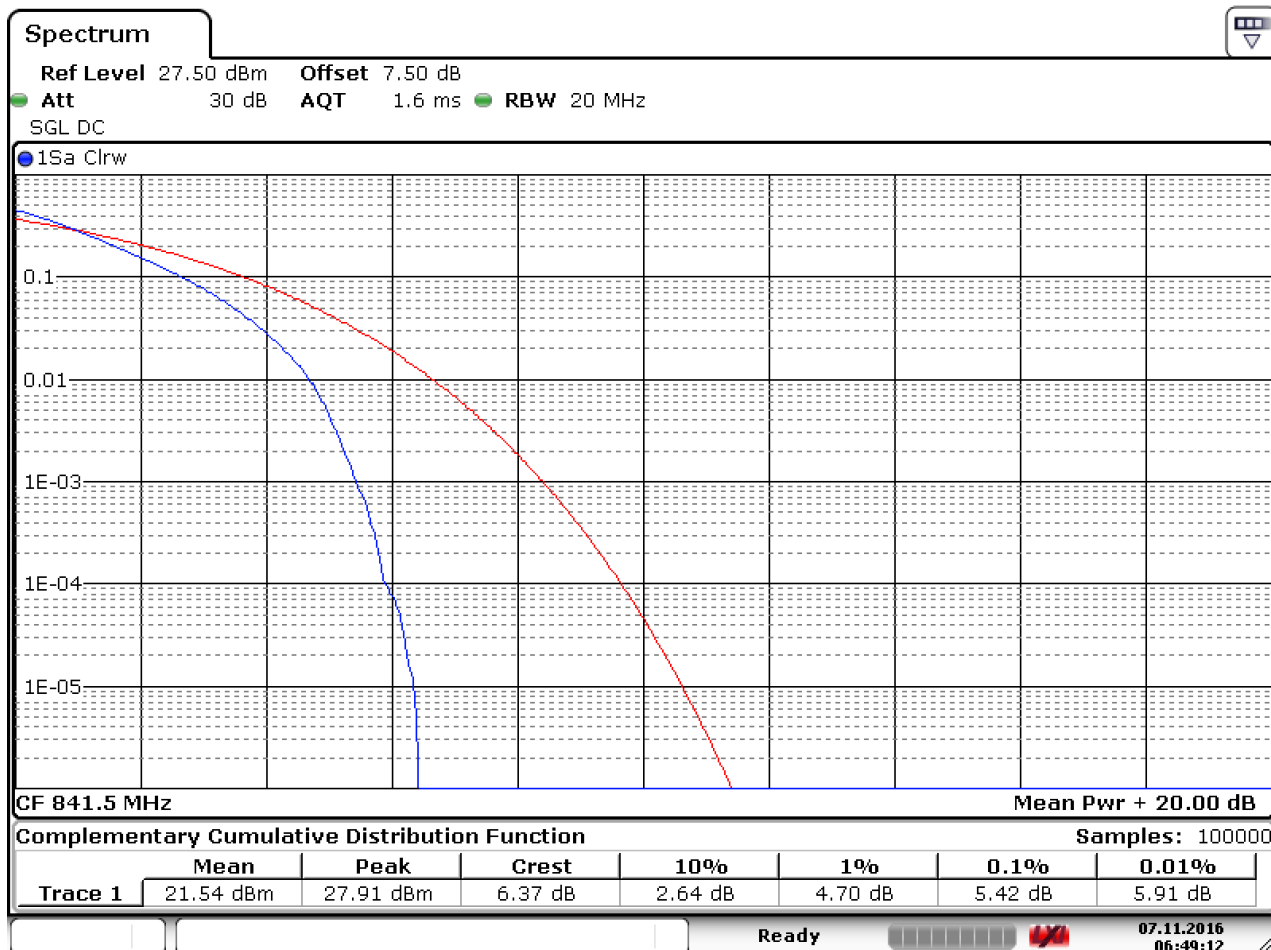
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2.1.1.1.3 Test Channel =HCH



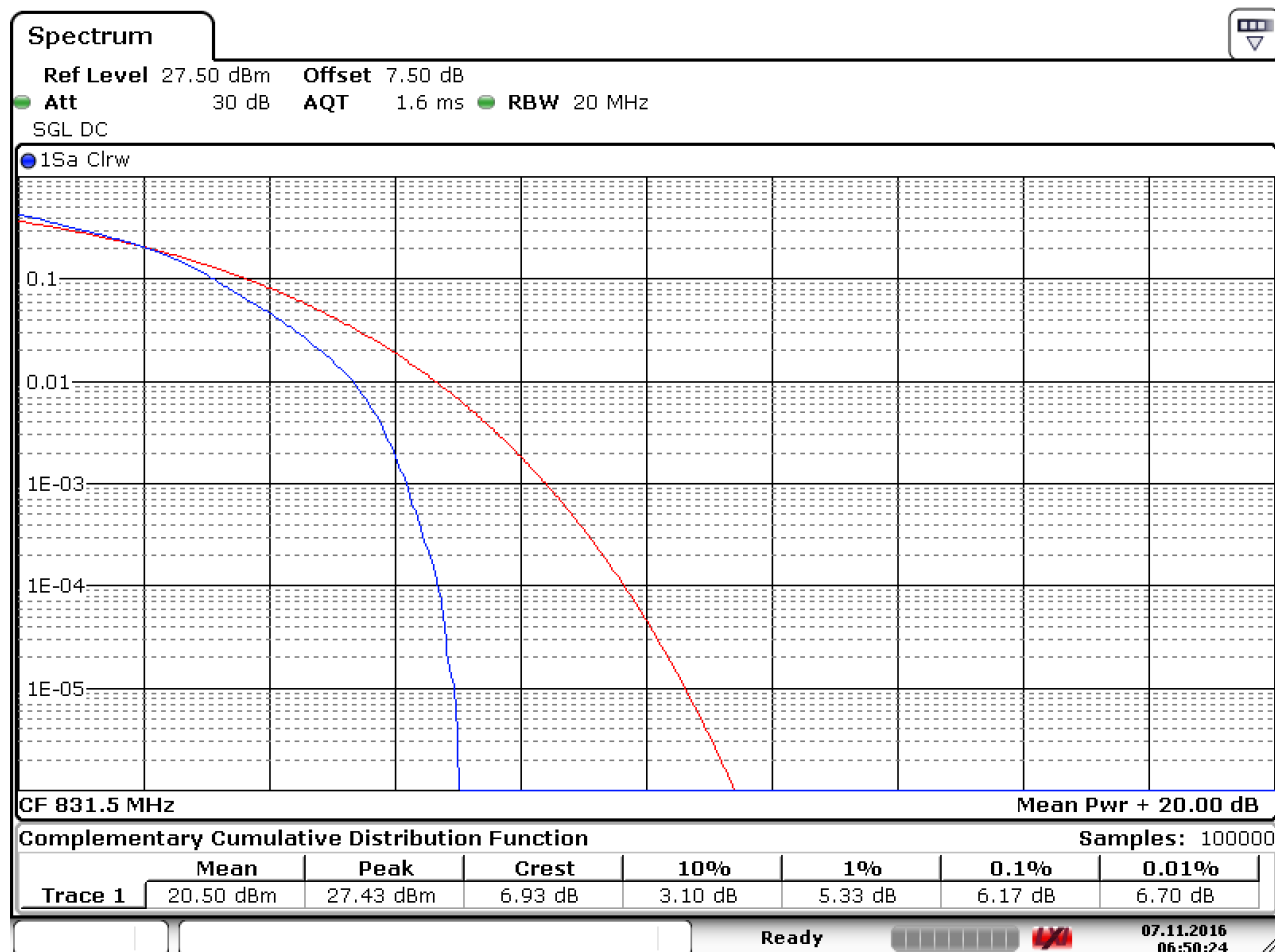
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2.1.1.2 Test Mode = LTE/TM2.Bandwidth=15MHz

2.1.1.2.1 Test Channel = LCH



Date: 7.NOV.2016 06:50:24

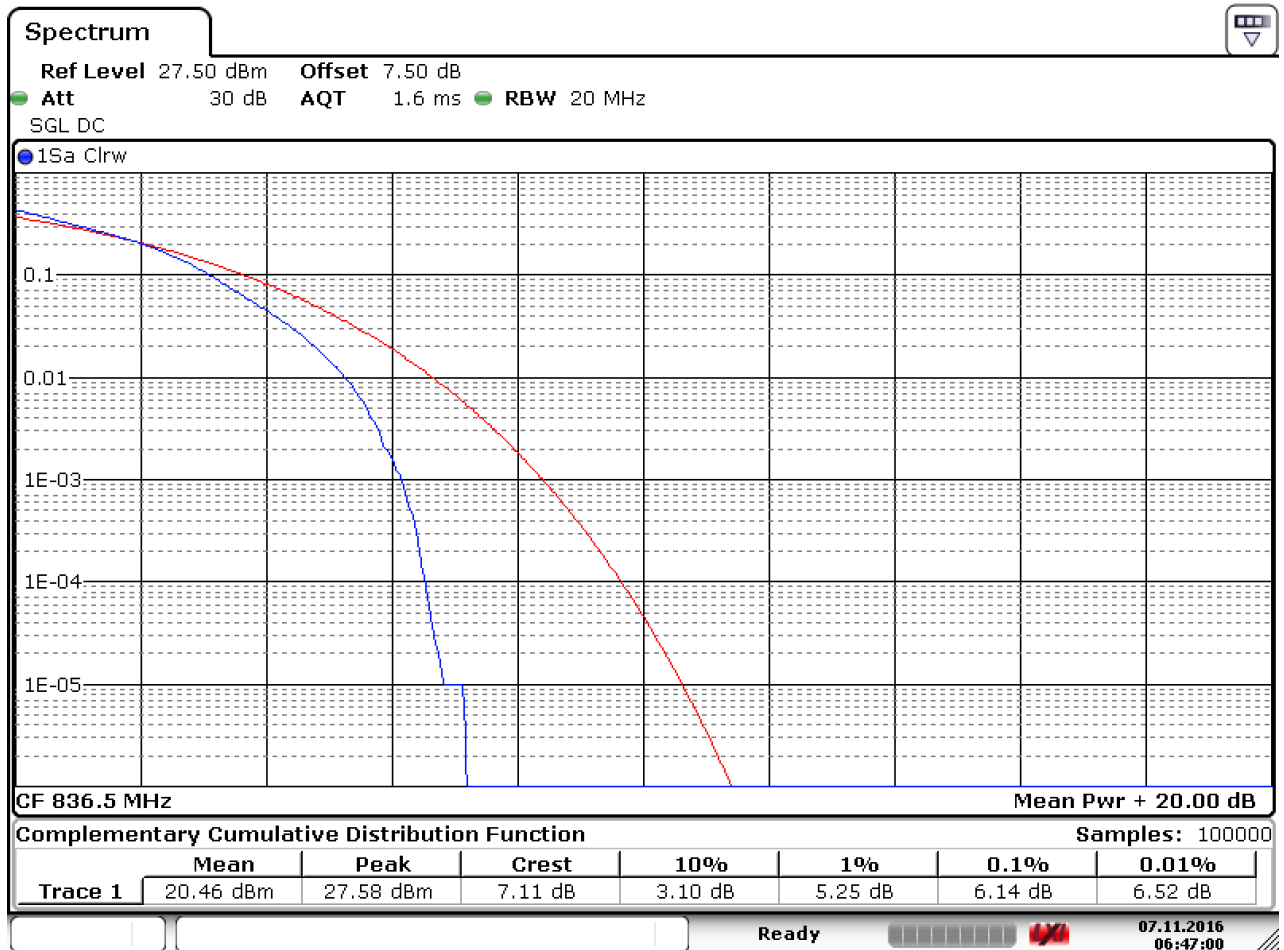


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2.1.1.2.2 Test Channel = MCH



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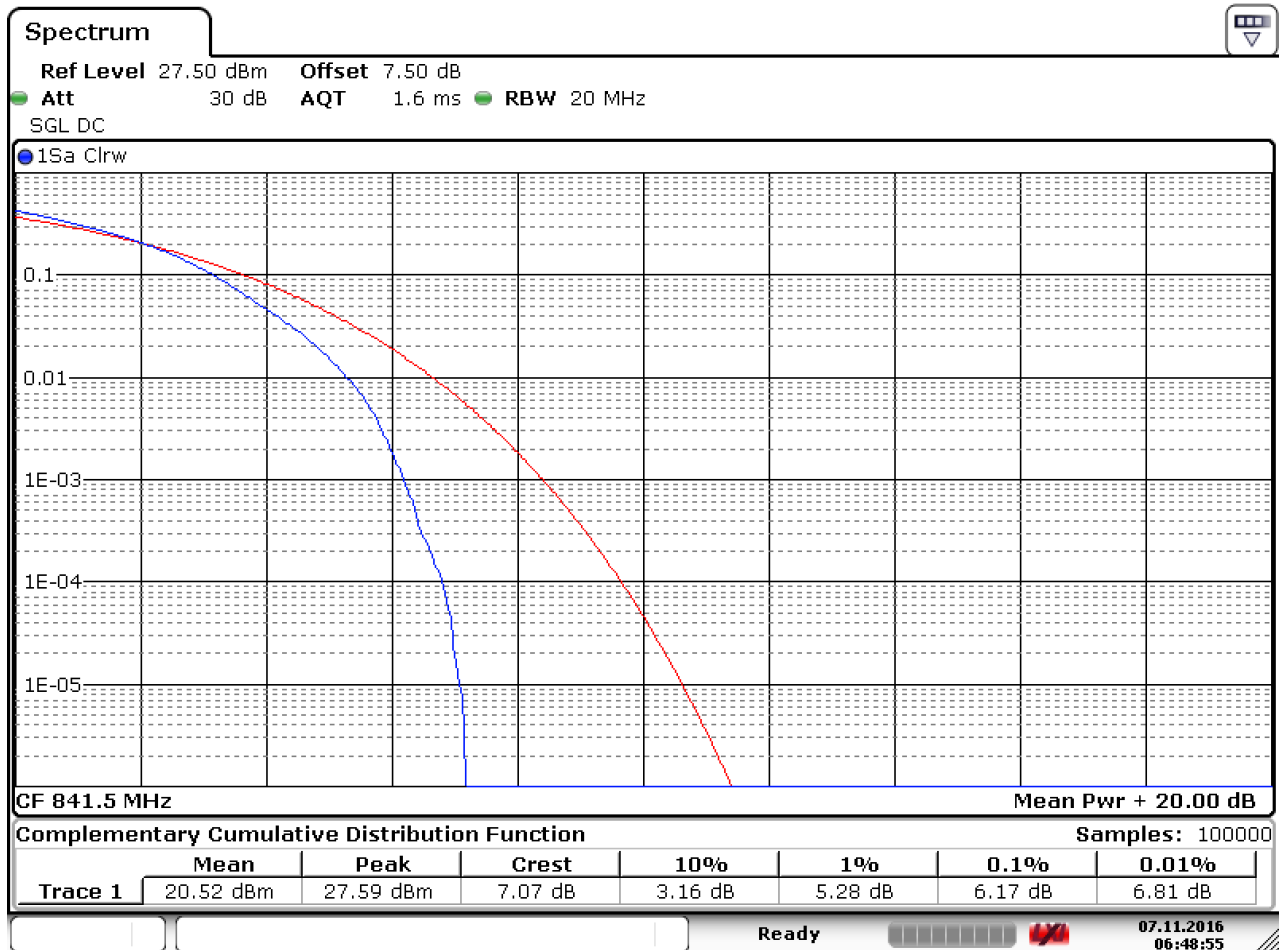


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2.1.1.2.3 Test Channel = HCH



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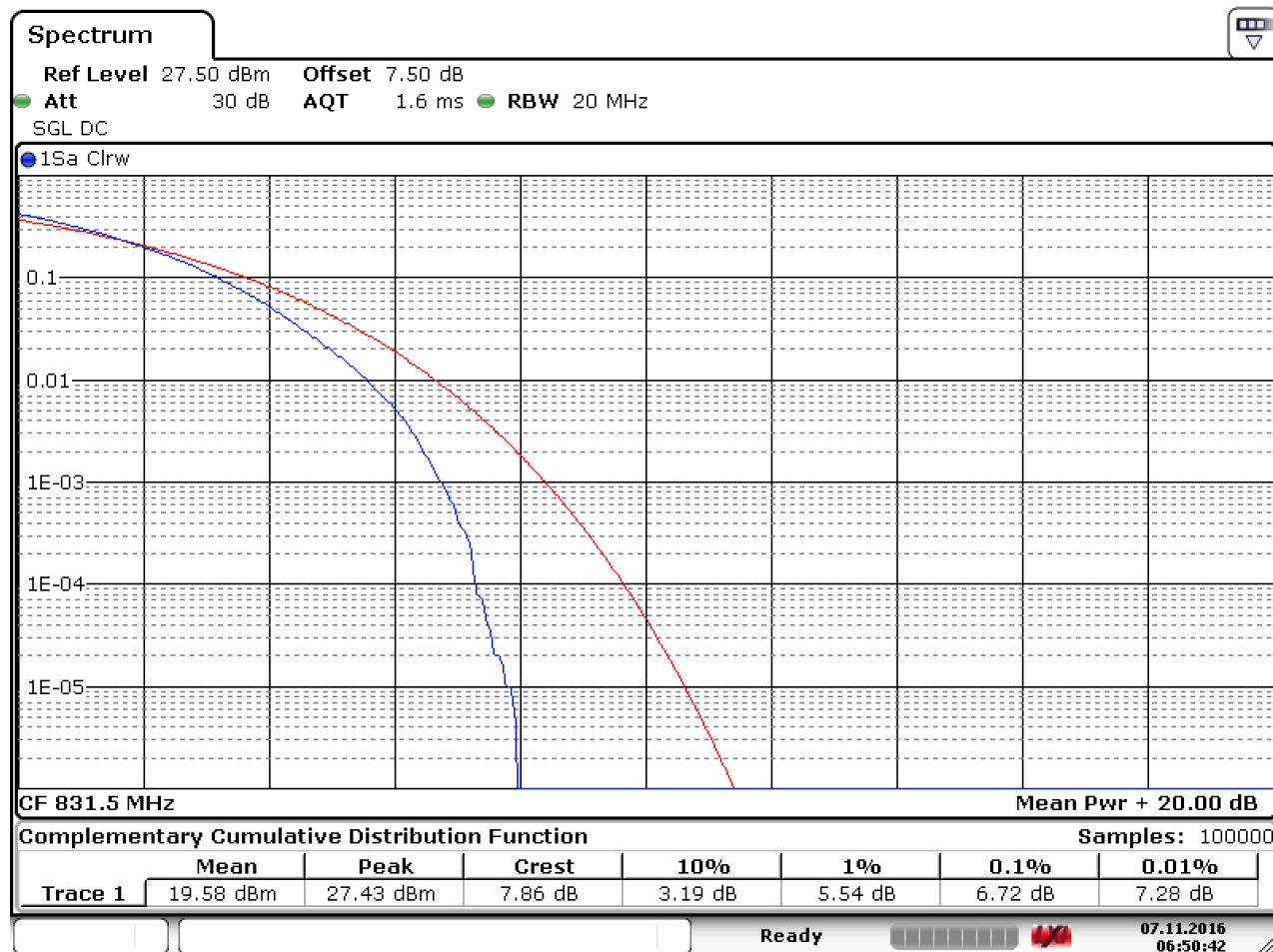


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2.1.1.3 Test Mode = LTE/TM3.Bandwidth=10MHz

2.1.1.3.1 Test Channel = LCH



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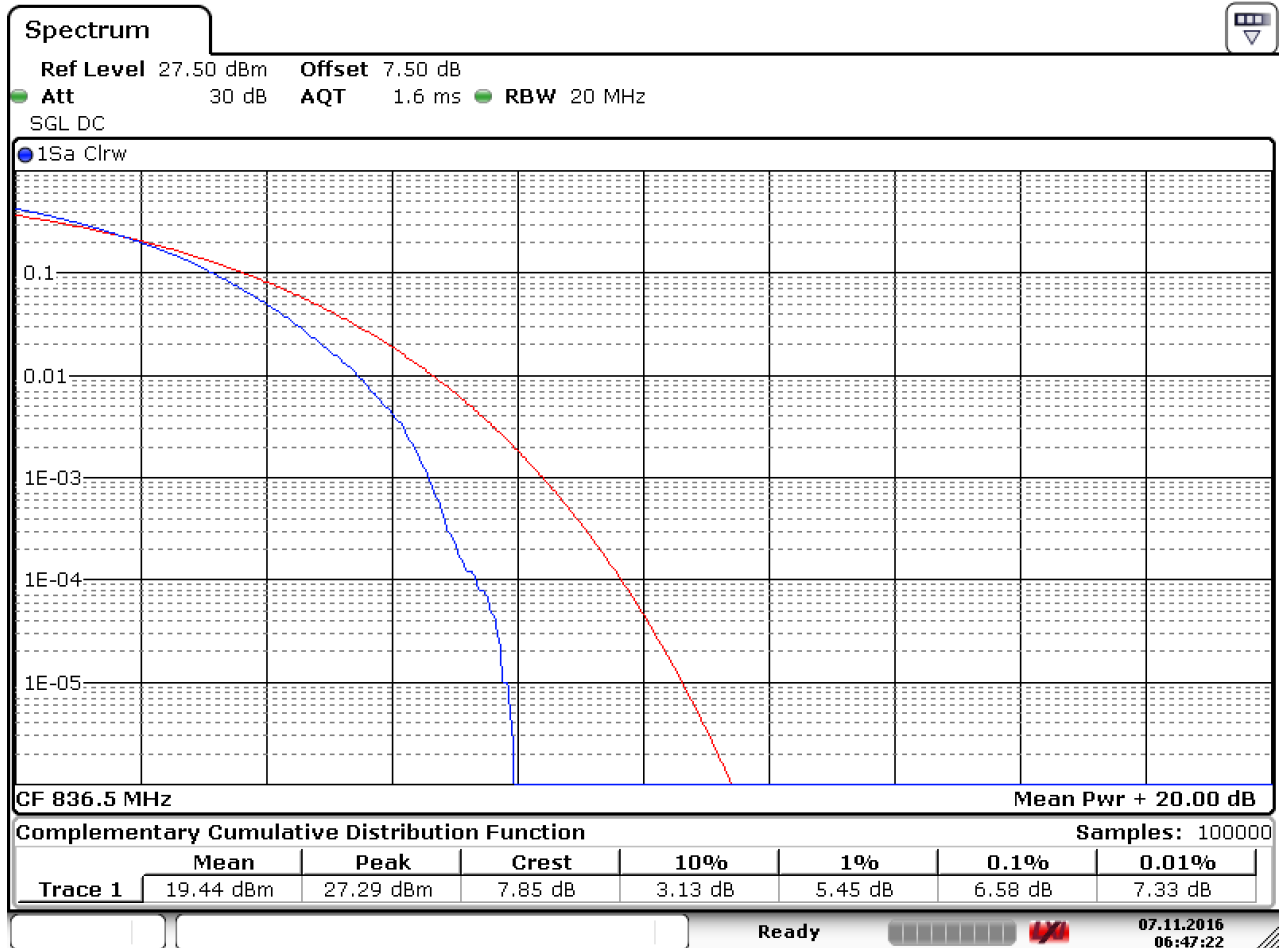


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2.1.1.3.2 Test Channel = MCH



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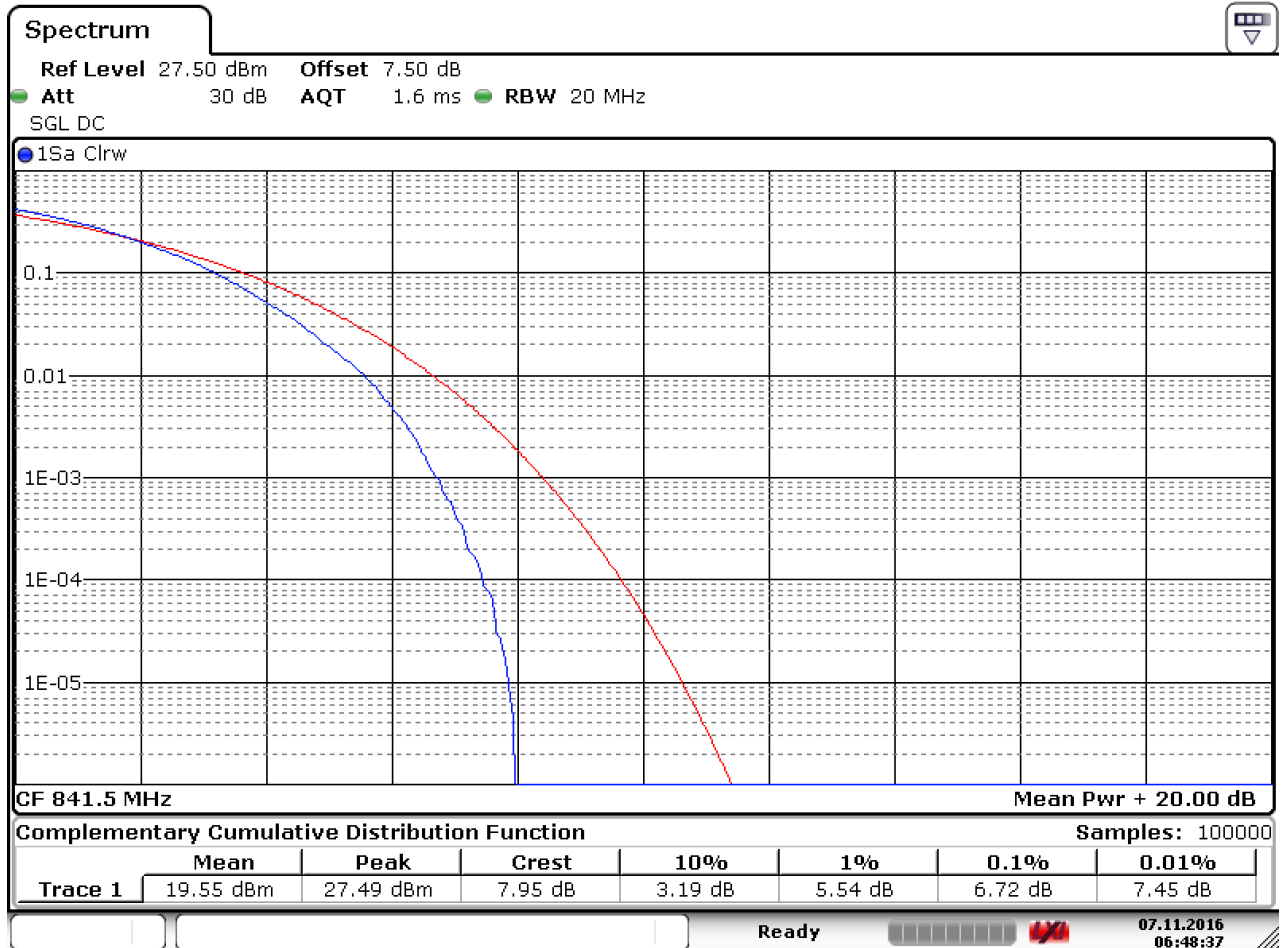


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2.1.1.3.3 Test Channel = HCH



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3 Modulation Characteristics

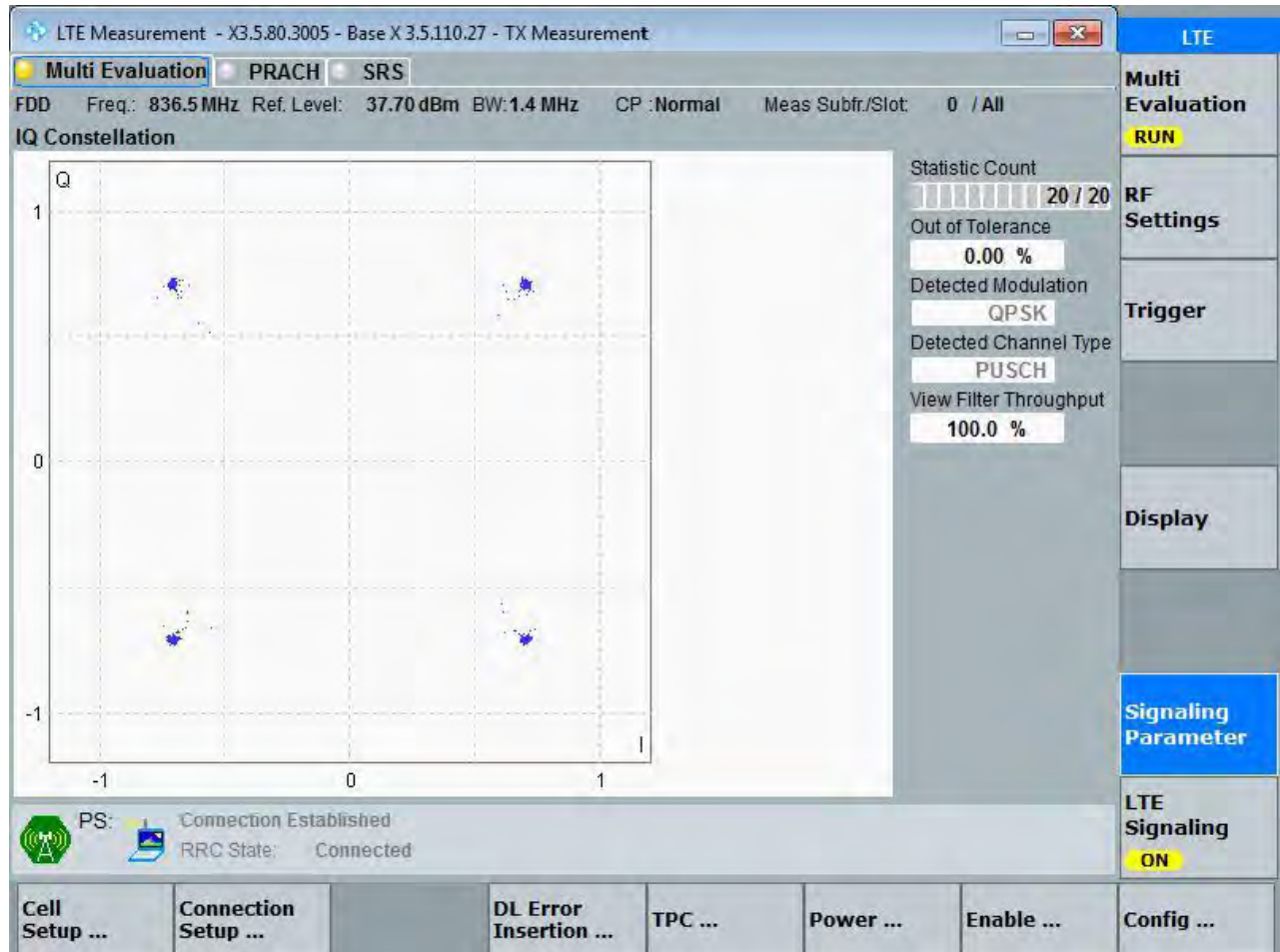
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE band 26(824-849)

3.1.1.1 Test Mode = LTE /TM1 1.4MHz

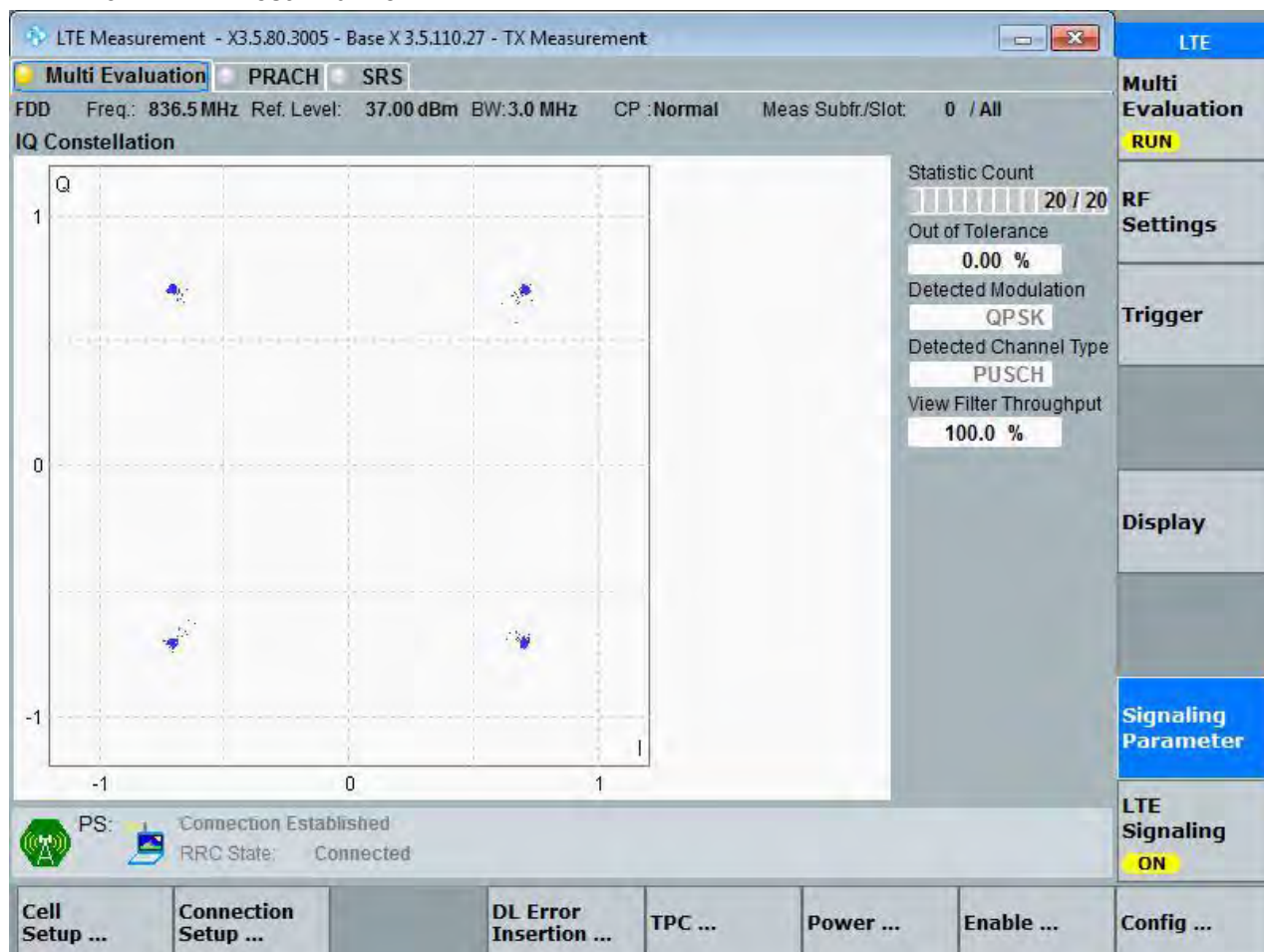
3.1.1.1.1 Test Channel = MCH





3.1.1.2 Test Mode = LTE /TM1 3MHz

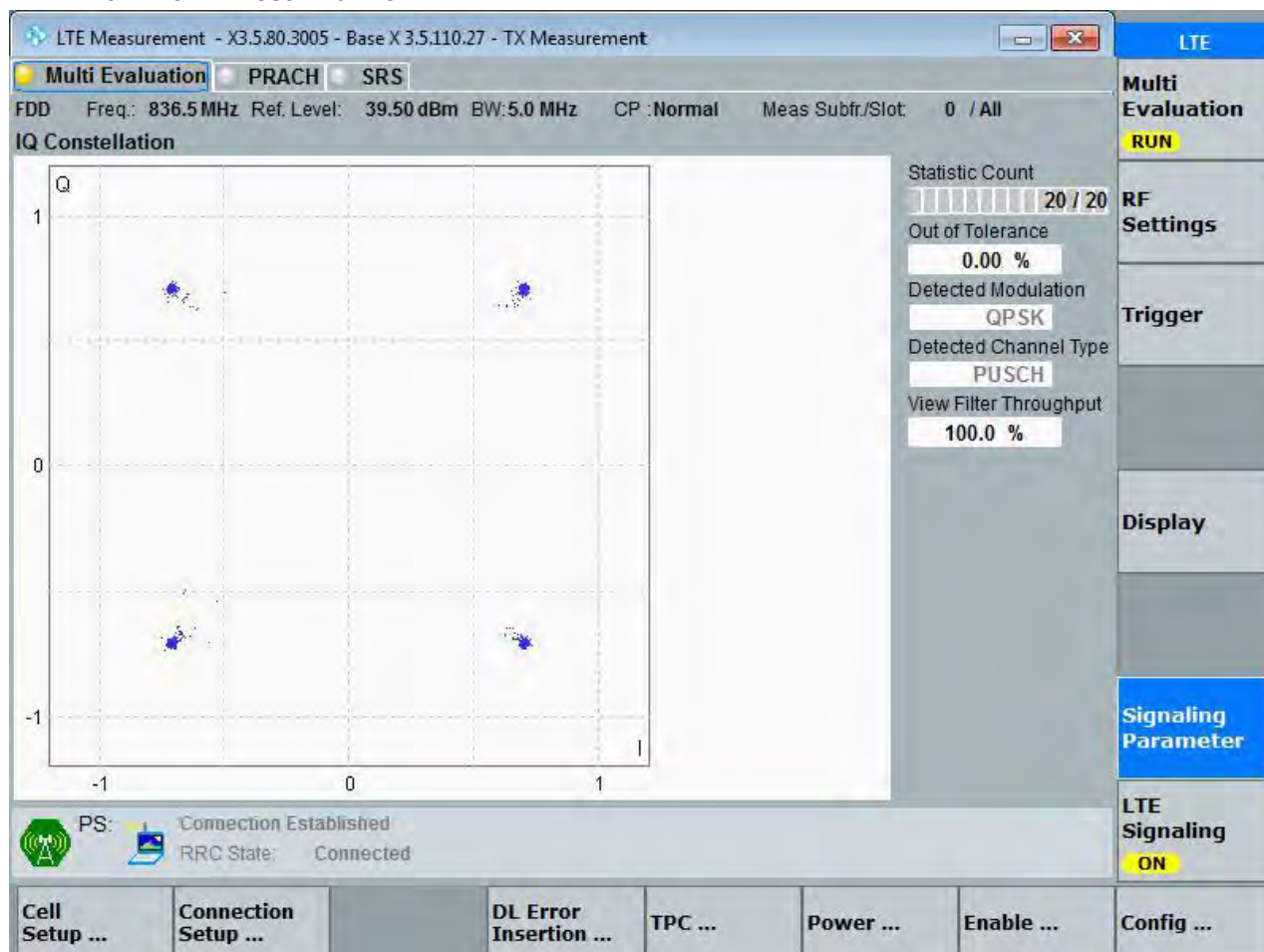
3.1.1.2.1 Test Channel = MCH





3.1.1.3 Test Mode = LTE /TM1 5MHz

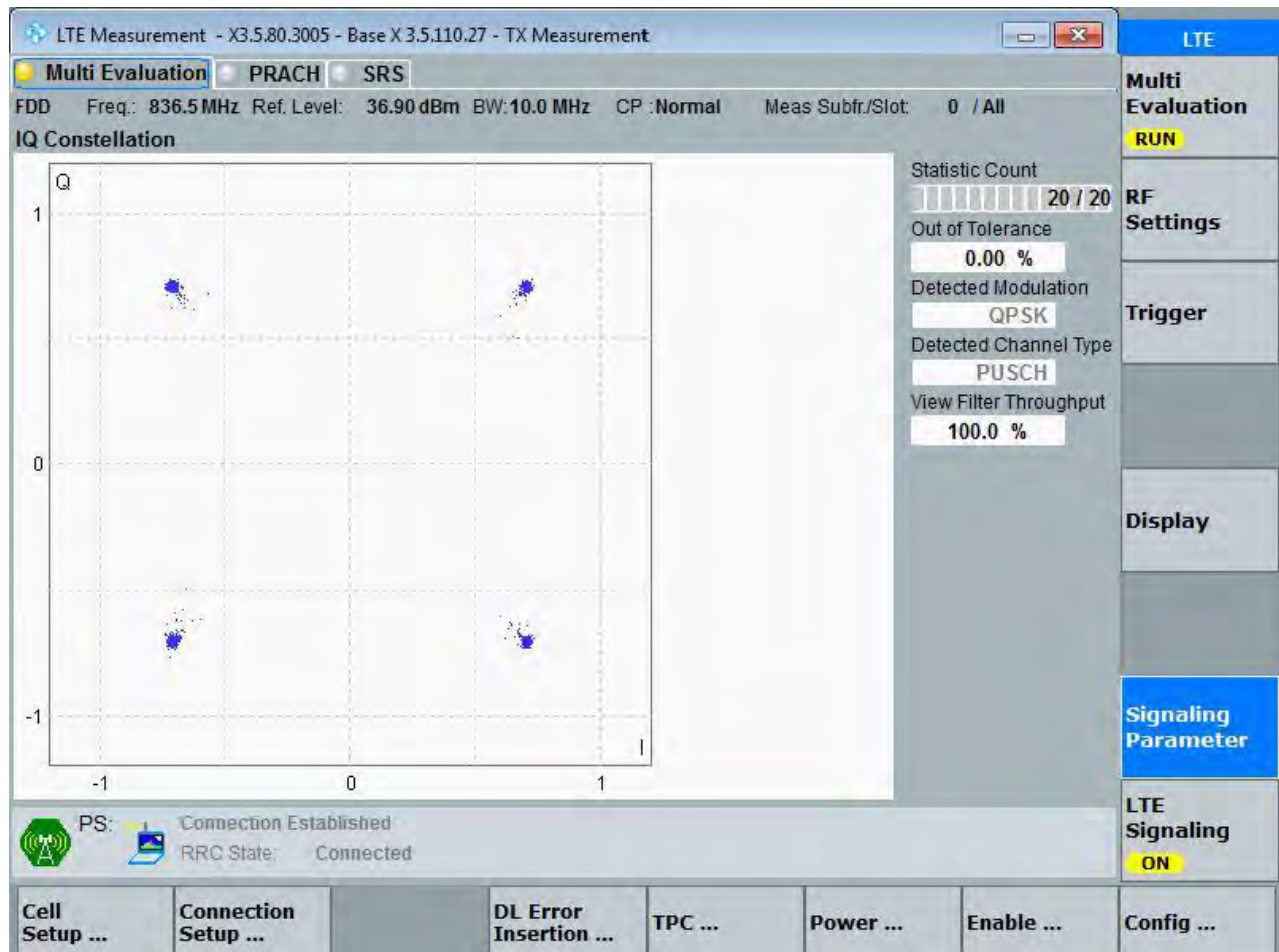
3.1.1.3.1 Test Channel = MCH





3.1.1.4 Test Mode = LTE /TM1 10MHz

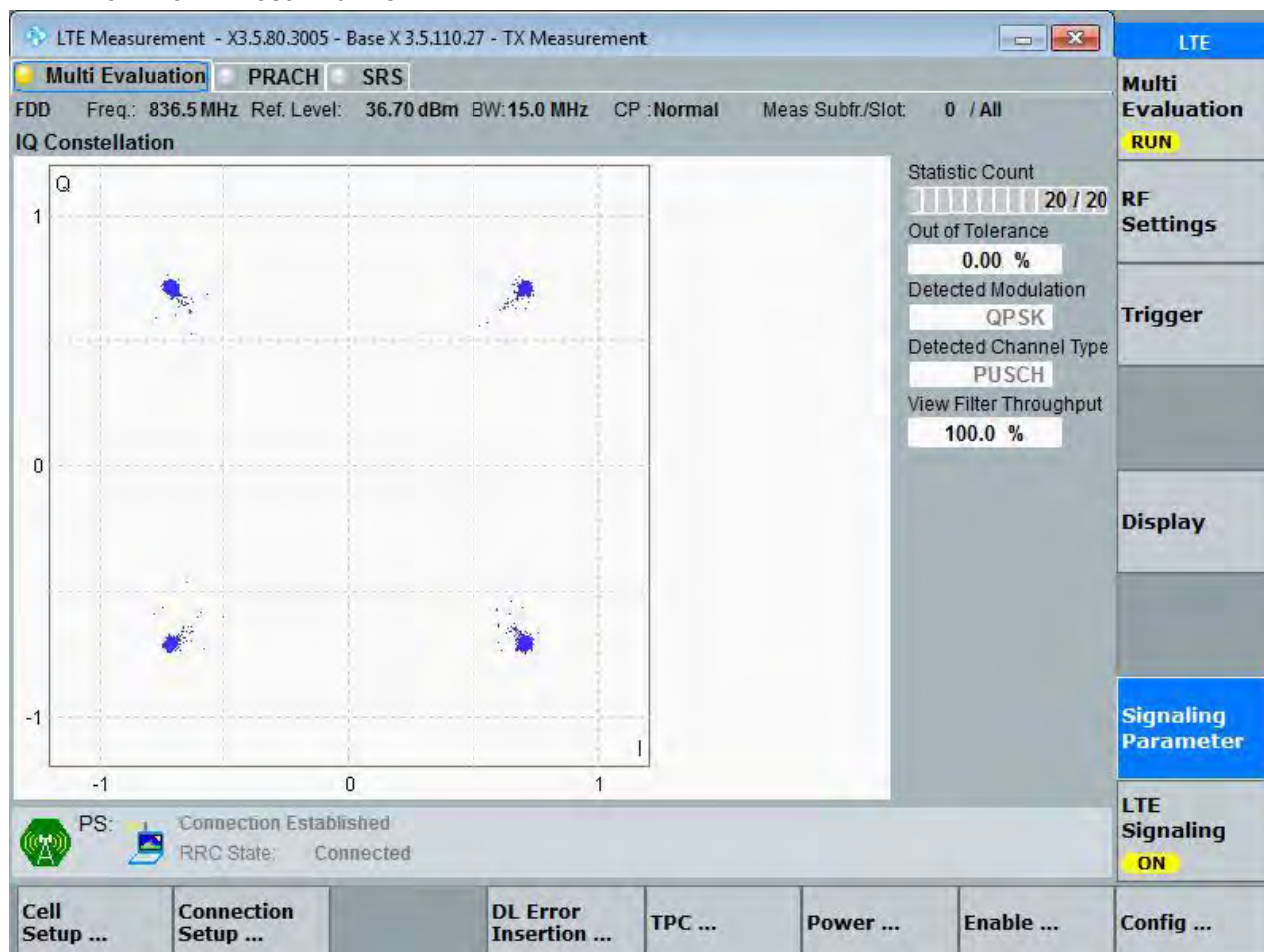
3.1.1.4.1 Test Channel = MCH





3.1.1.5 Test Mode = LTE /TM1 15MHz

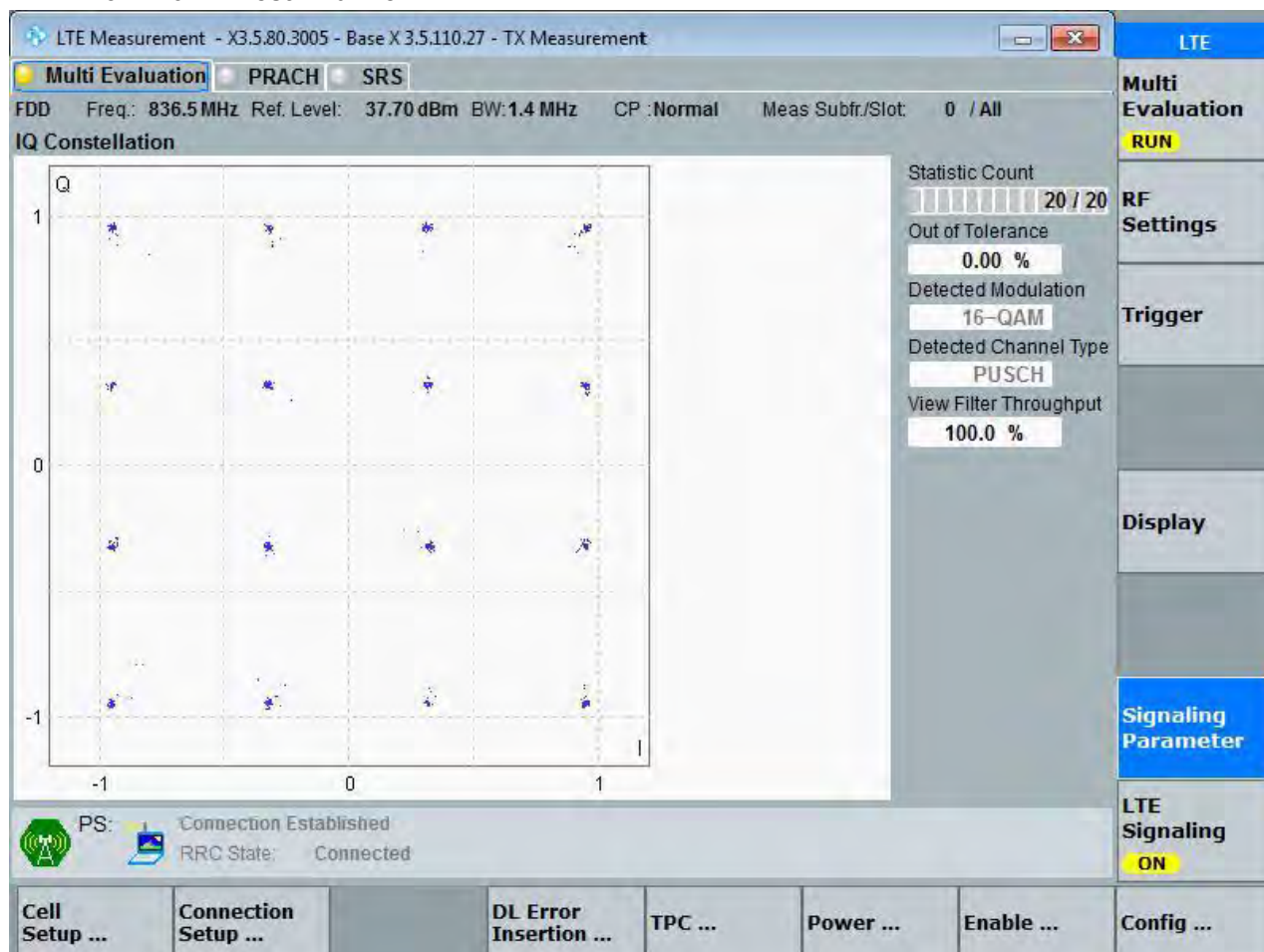
3.1.1.5.1 Test Channel = MCH





3.1.1.6 Test Mode = LTE /TM2 1.4MHz

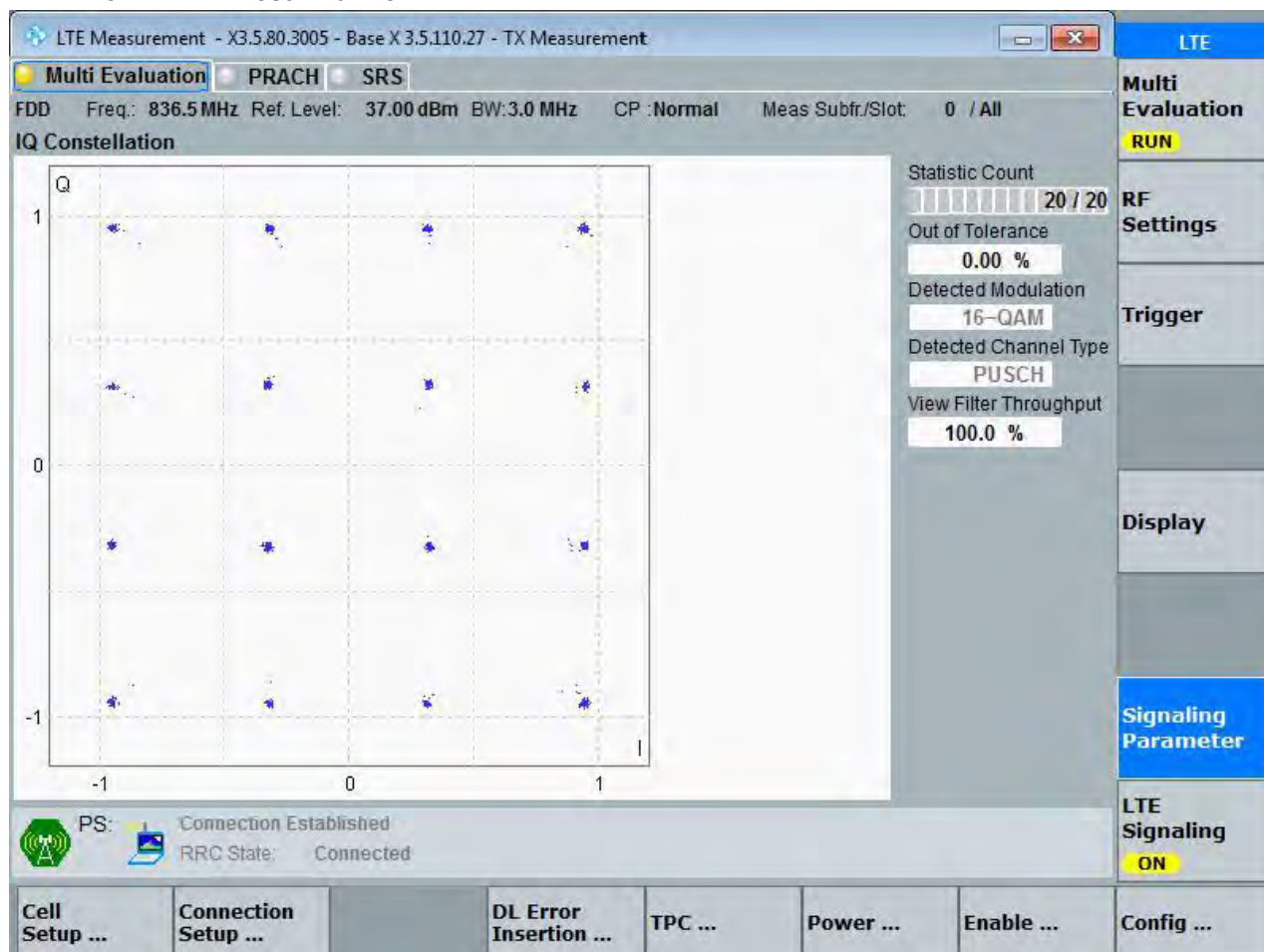
3.1.1.6.1 Test Channel = MCH





3.1.1.7 Test Mode = LTE /TM2 3MHz

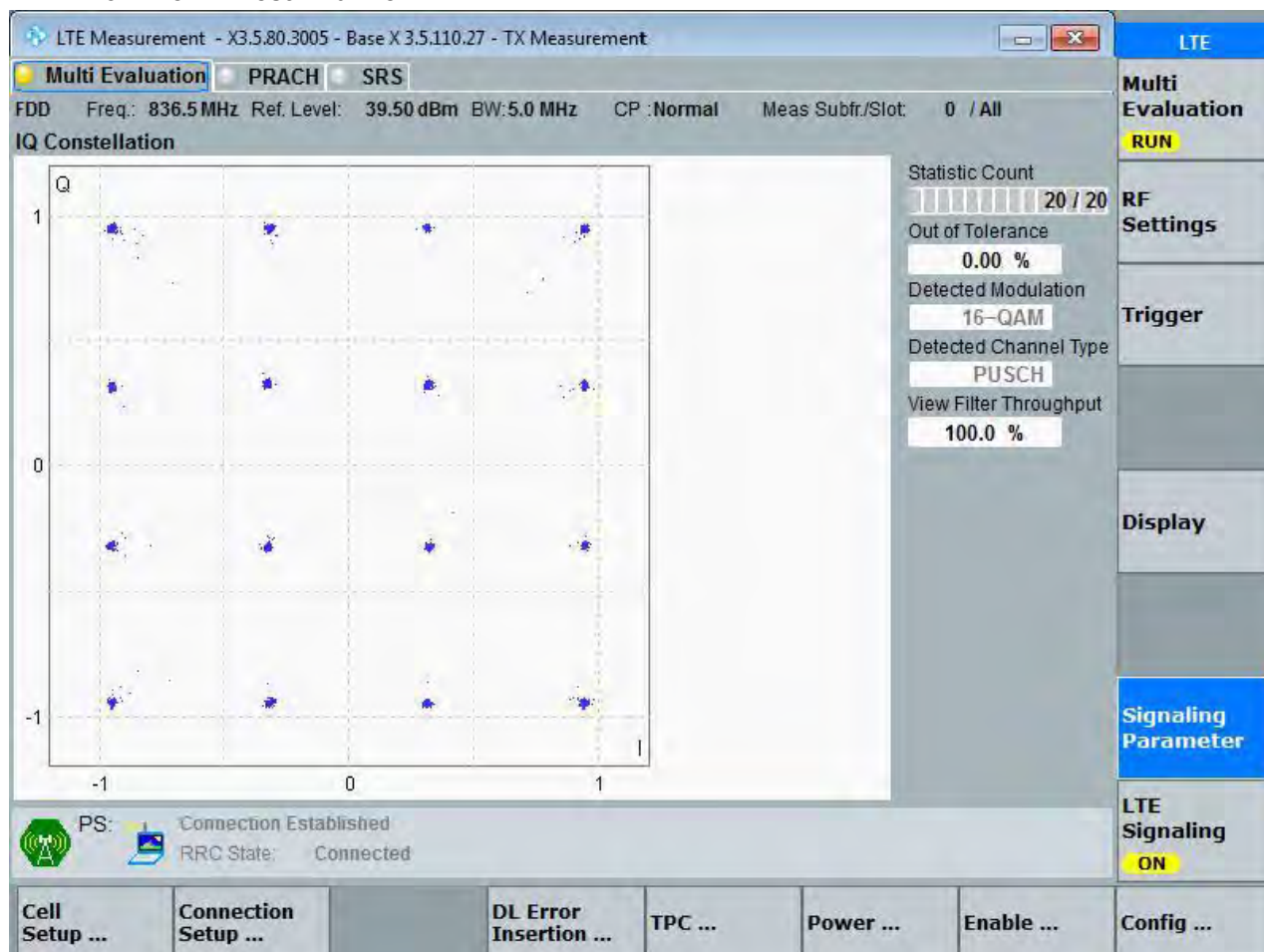
3.1.1.7.1 Test Channel = MCH





3.1.1.8 Test Mode = LTE /TM2 5MHz

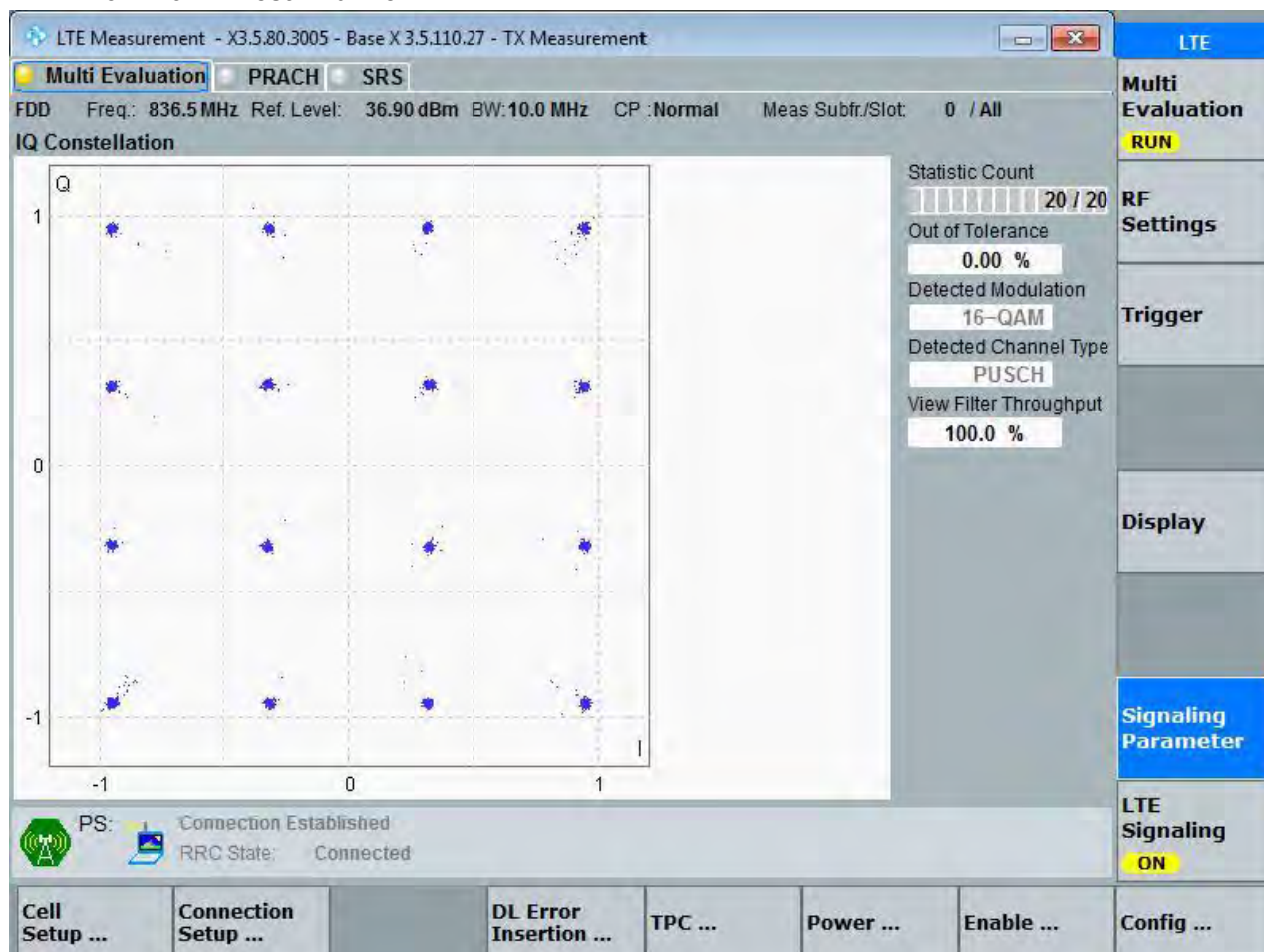
3.1.1.8.1 Test Channel = MCH





3.1.1.9 Test Mode = LTE /TM2 10MHz

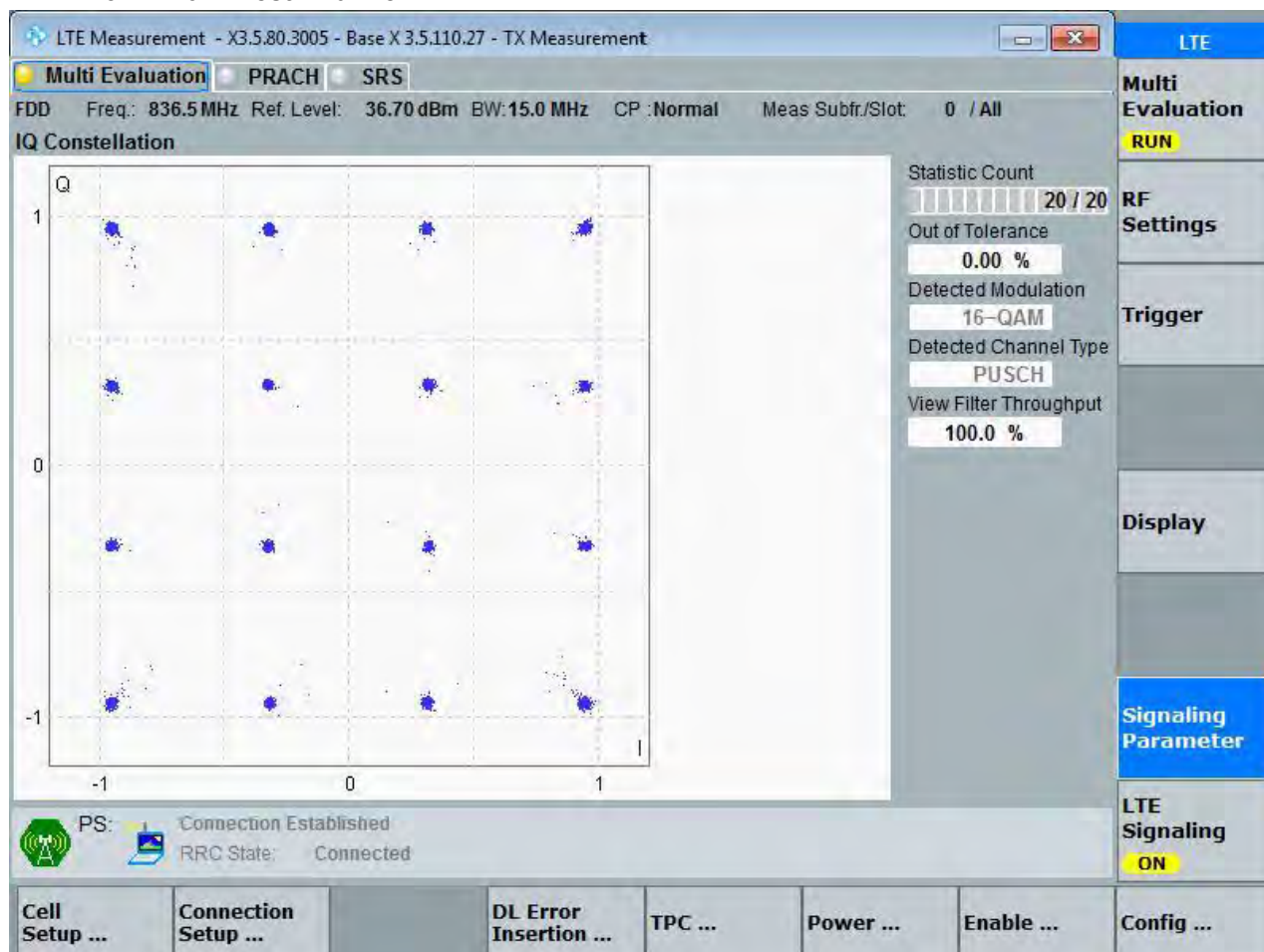
3.1.1.9.1 Test Channel = MCH





3.1.1.10 Test Mode = LTE /TM2 15MHz

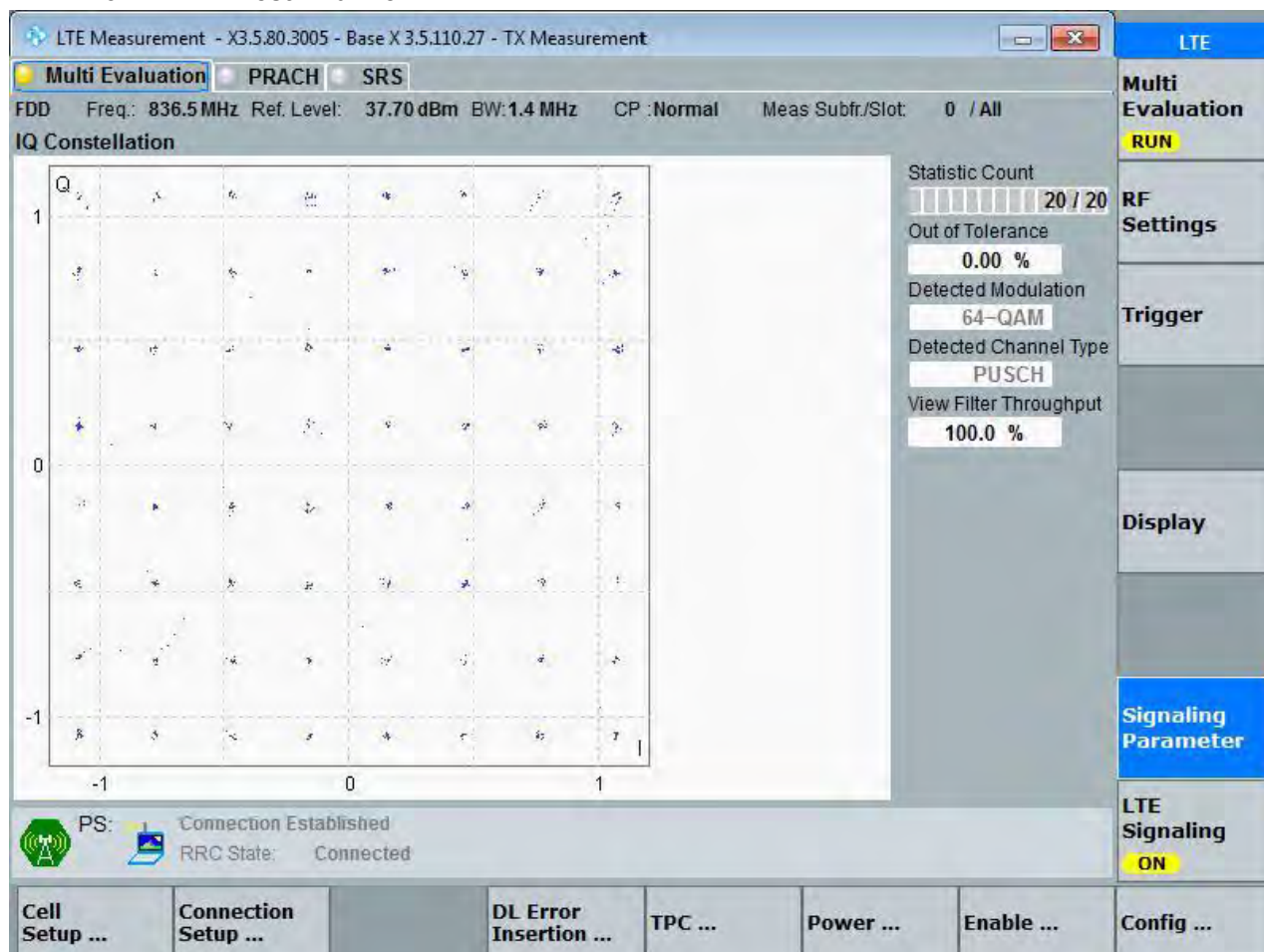
3.1.1.10.1 Test Channel = MCH





3.1.1.11 Test Mode = LTE /TM3 1.4MHz

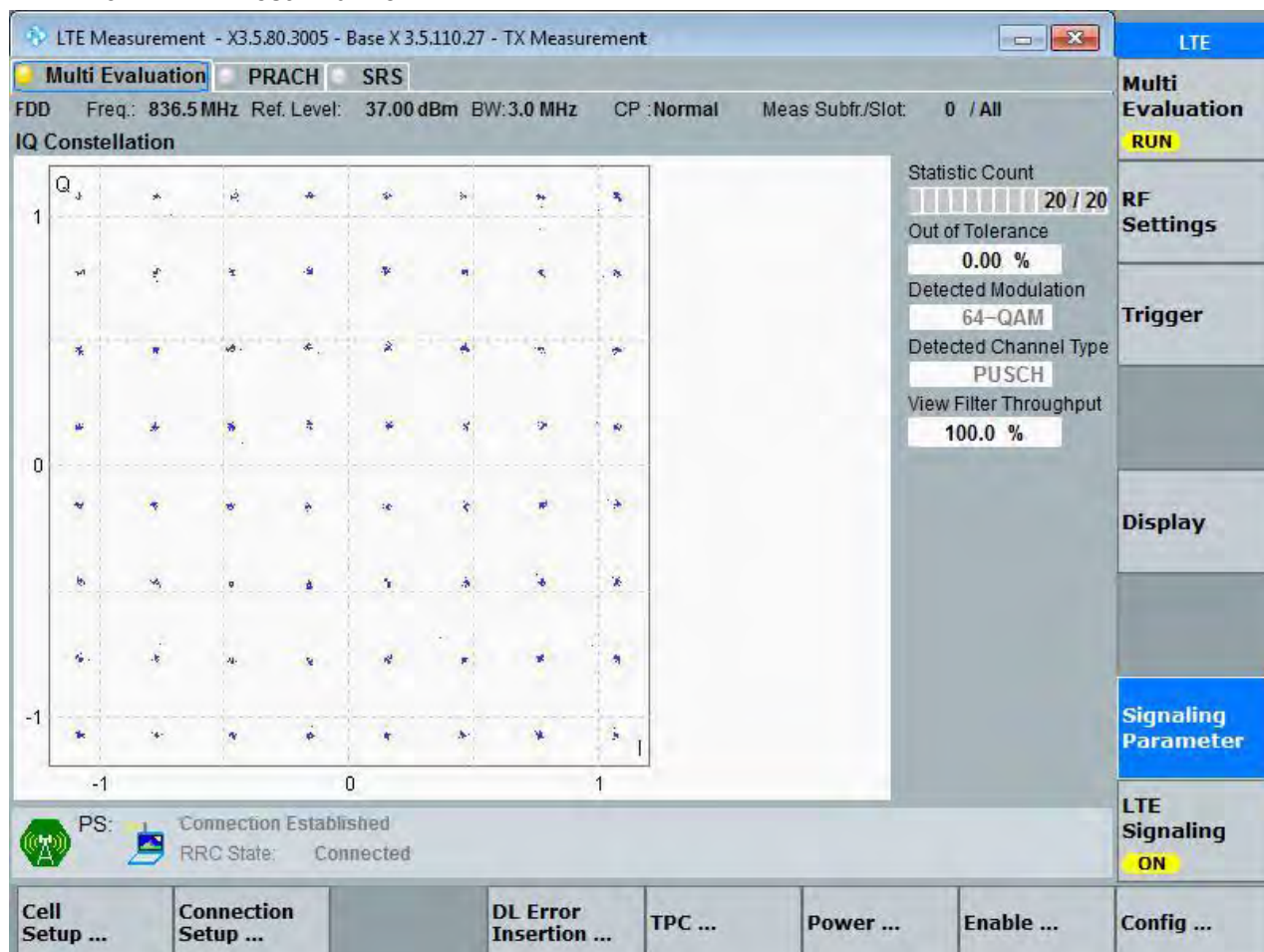
3.1.1.11.1 Test Channel = MCH





3.1.1.12 Test Mode = LTE /TM3 3MHz

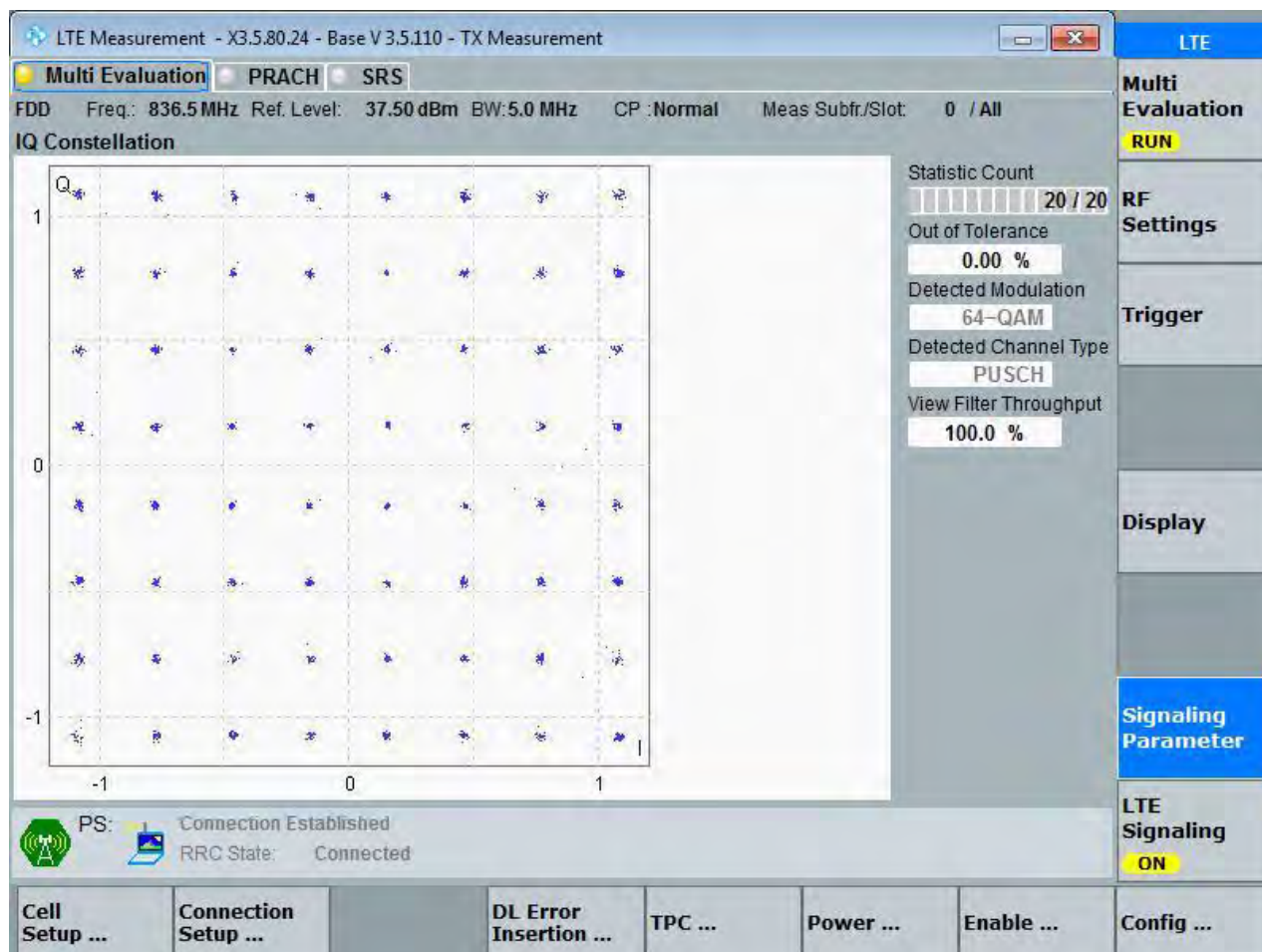
3.1.1.12.1 Test Channel = MCH





3.1.1.13 Test Mode = LTE /TM3 5MHz

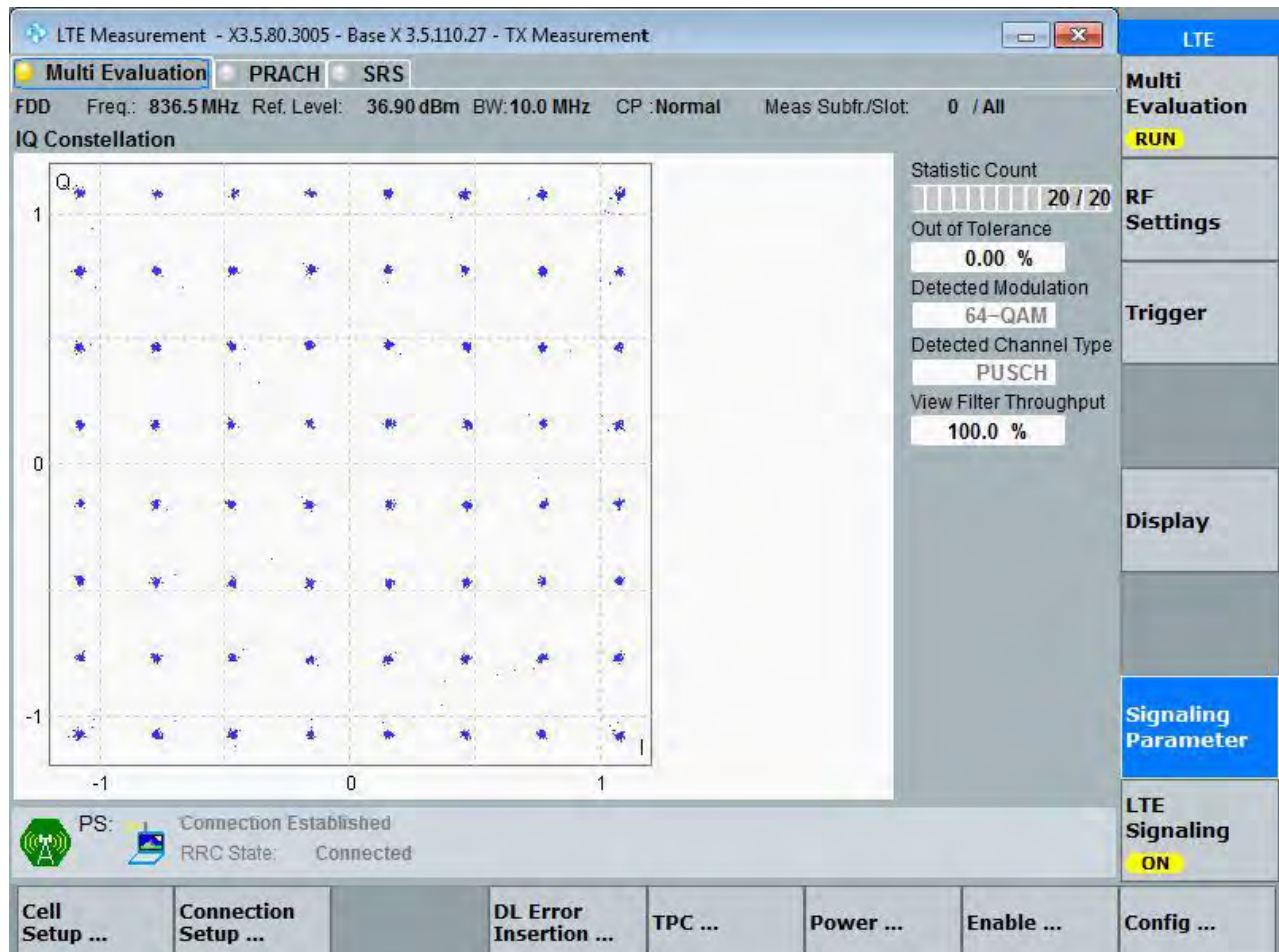
3.1.1.13.1 Test Channel = MCH





3.1.1.14 Test Mode = LTE /TM3 10MHz

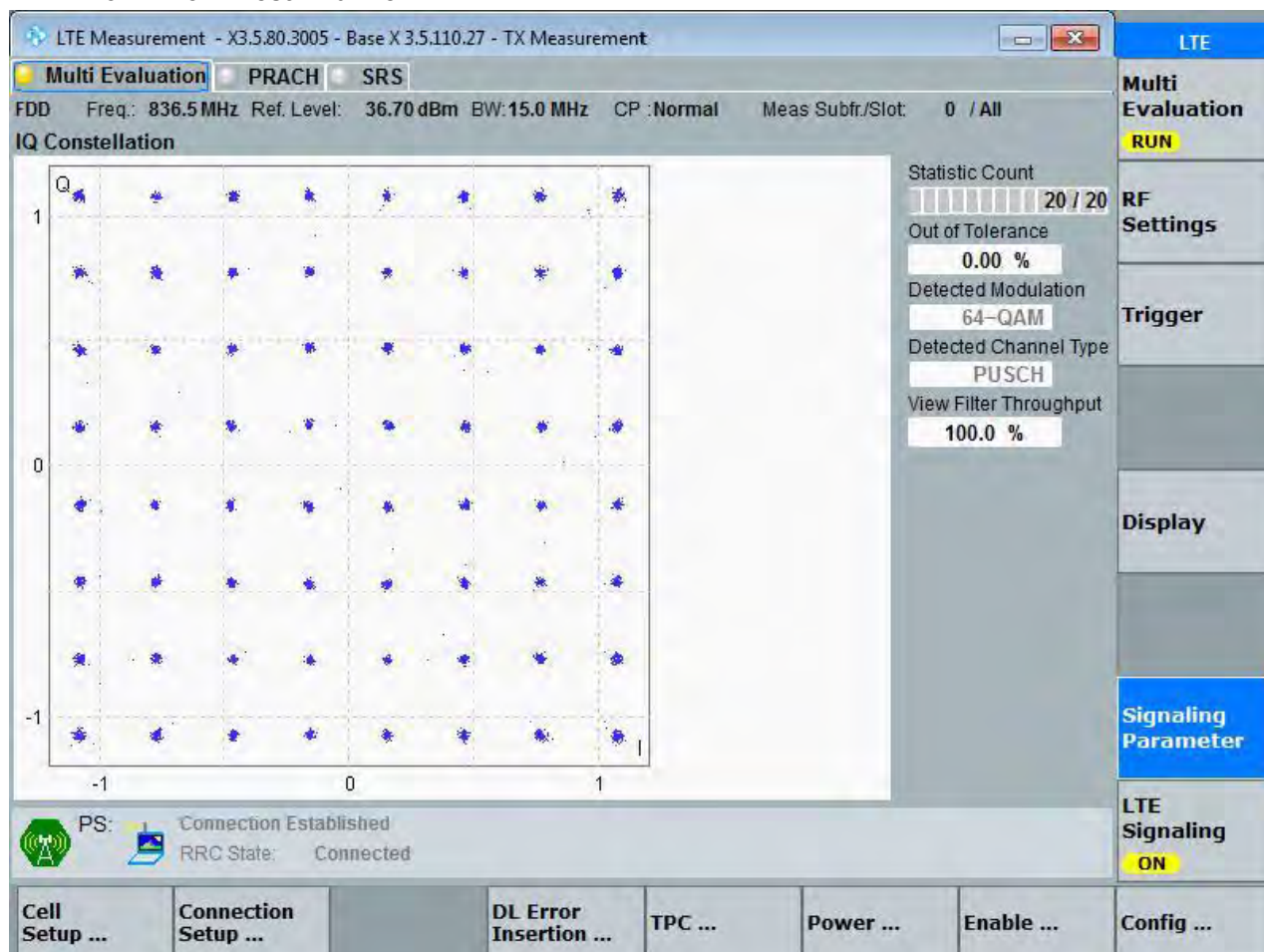
3.1.1.14.1 Test Channel = MCH





3.1.1.15 Test Mode = LTE /TM3 15MHz

3.1.1.15.1 Test Channel = MCH





4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band 26 (824-849)	TM1/1.4MHz	LCH	1.08	1.23	PASS
		MCH	1.08	1.23	PASS
		HCH	1.08	1.22	PASS
	TM2/1.4MHz	LCH	1.08	1.22	PASS
		MCH	1.08	1.22	PASS
		HCH	1.08	1.22	PASS
	TM3/1.4MHz	LCH	1.08	1.22	PASS
		MCH	1.08	1.22	PASS
		HCH	1.08	1.23	PASS
	TM1/ 3MHz	LCH	2.69	2.93	PASS
		MCH	2.68	2.93	PASS
		HCH	2.68	2.93	PASS
	TM2/3MHz	LCH	2.68	2.91	PASS
		MCH	2.68	2.94	PASS
		HCH	2.68	2.93	PASS
	TM3/3MHz	LCH	2.68	2.94	PASS
		MCH	2.68	2.96	PASS
		HCH	2.68	2.95	PASS
	TM1/ 5MHz	LCH	4.46	4.88	PASS
		MCH	4.46	4.88	PASS
		HCH	4.45	4.87	PASS
	TM2/ 5MHz	LCH	4.46	4.87	PASS
		MCH	4.46	4.87	PASS
		HCH	4.46	4.45	PASS
	TM3/5MHz	LCH	4.48	4.87	PASS
		MCH	4.47	4.87	PASS
		HCH	4.47	4.87	PASS
	TM1/10MHz	LCH	8.93	9.65	PASS
		MCH	8.93	9.63	PASS
		HCH	8.93	9.62	PASS
	TM2/ 10MHz	LCH	8.90	9.61	PASS
		MCH	8.89	9.58	PASS
		HCH	8.90	9.63	PASS
	TM3/ 10MHz	LCH	8.95	9.69	PASS
		MCH	8.95	9.66	PASS

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Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
	TM1/15MHz	HCH	8.94	9.66	PASS
		LCH	13.39	14.49	PASS
		MCH	13.42	14.48	PASS
		HCH	13.42	14.47	PASS
	TM2/ 15MHz	LCH	13.37	14.61	PASS
		MCH	13.37	14.57	PASS
		HCH	13.39	14.55	PASS
	TM3/ 15MHz	LCH	13.38	14.50	PASS
		MCH	13.40	14.52	PASS
		HCH	13.41	14.53	PASS

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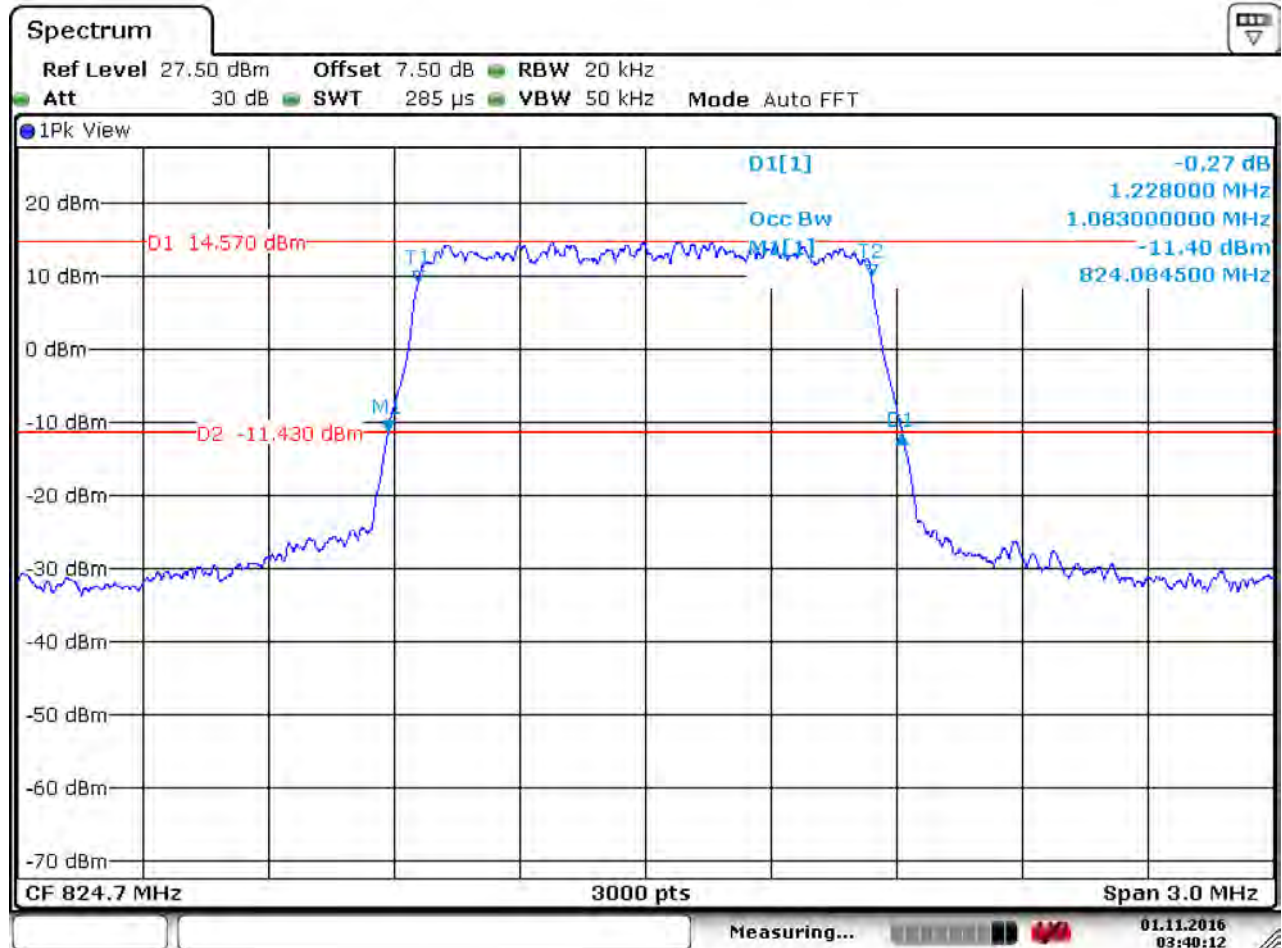


4.1 For LTE

4.1.1 Test Band = LTE band26(824-849)

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

4.1.1.1.1 Test Channel = LCH



Date: 1.NOV.2016 03:40:12

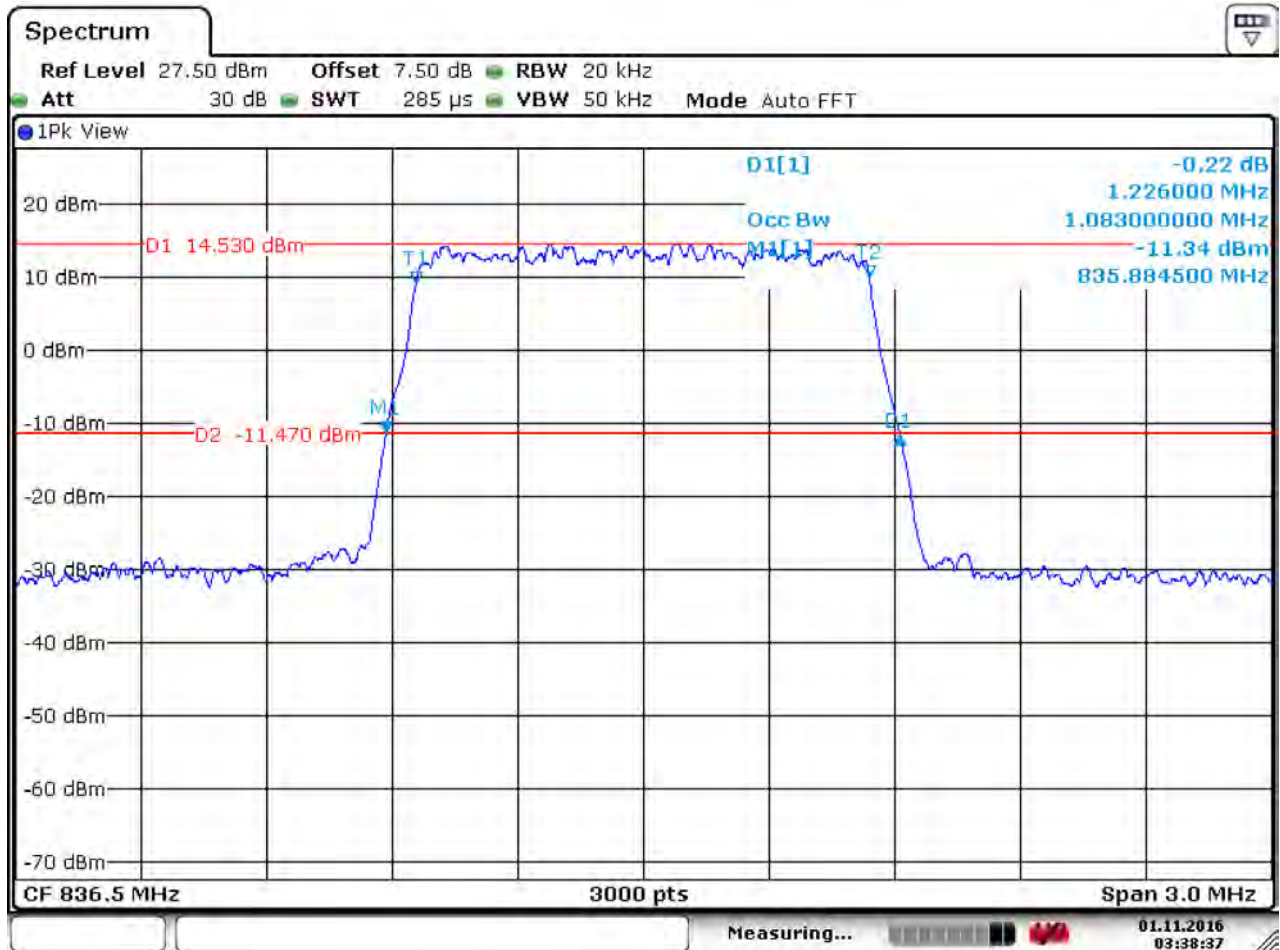


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4.1.1.1.2 Test Channel = MCH

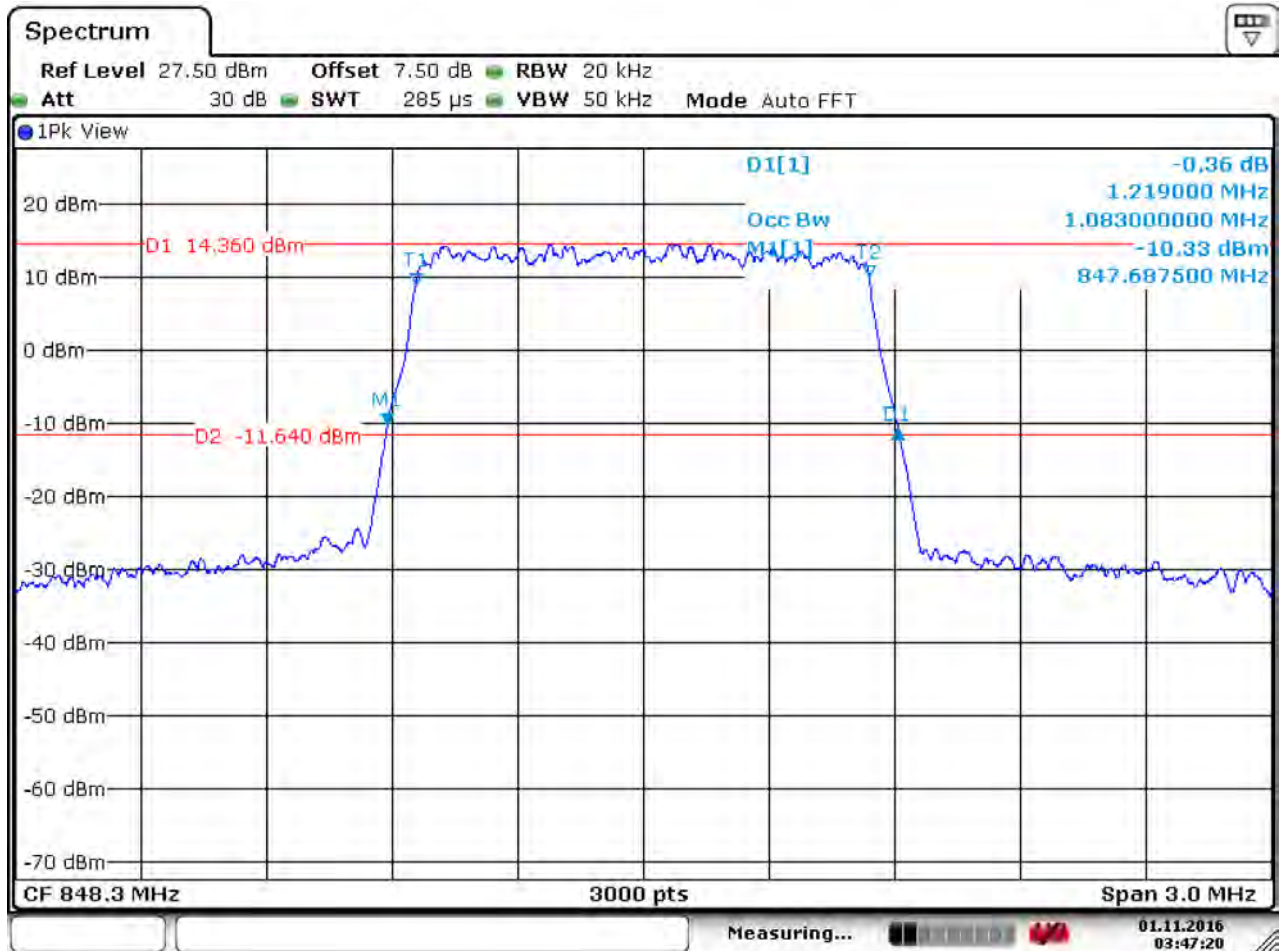


Date: 1.NOV.2016 03:38:37

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4.1.1.1.3 Test Channel = HCH

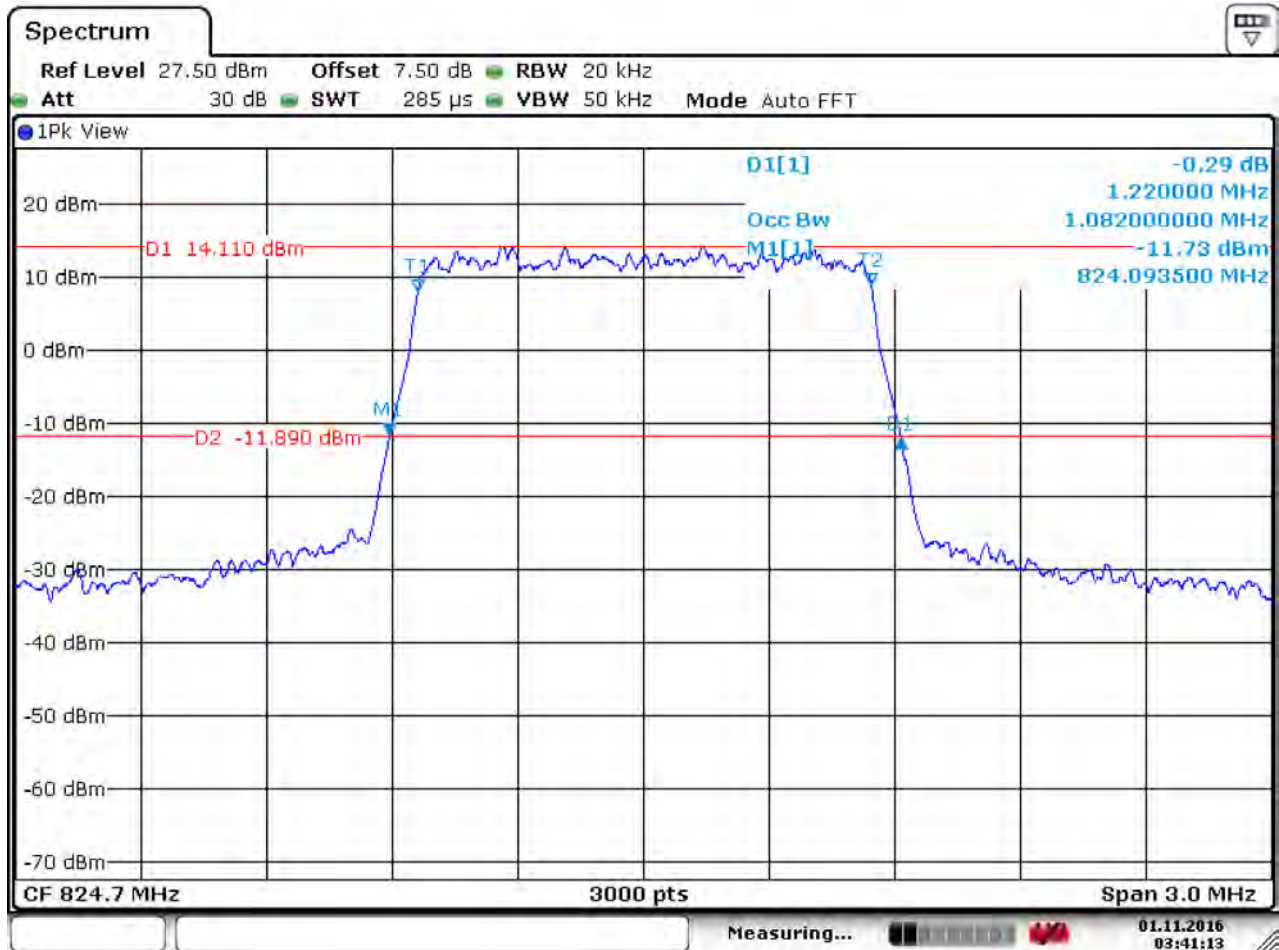


Date: 1.NOV.2016 03:47:20



4.1.1.2 Test Mode = LTE/TM2 1.4MHz

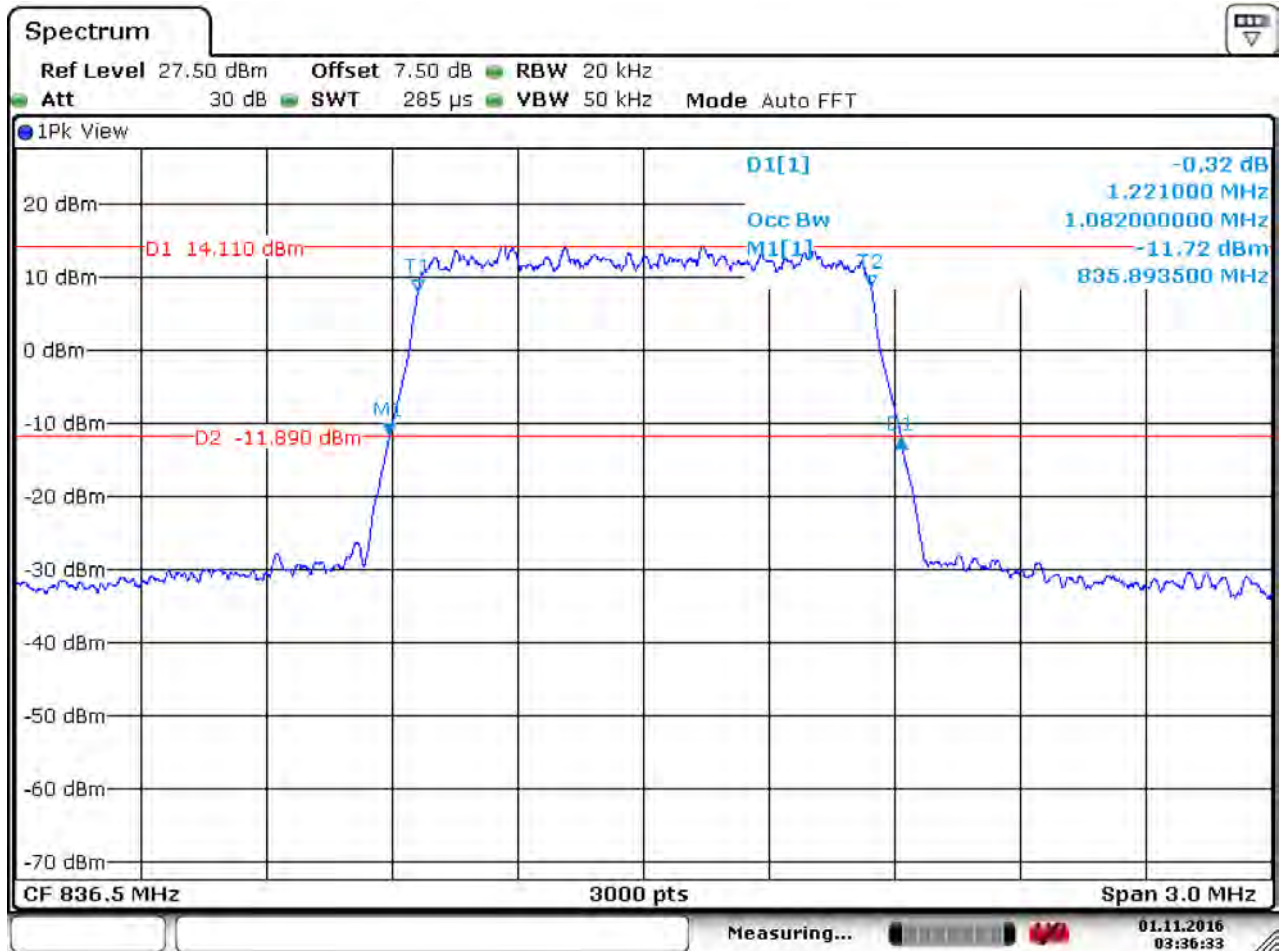
4.1.1.2.1 Test Channel = LCH



Date: 1.NOV.2016 03:41:13

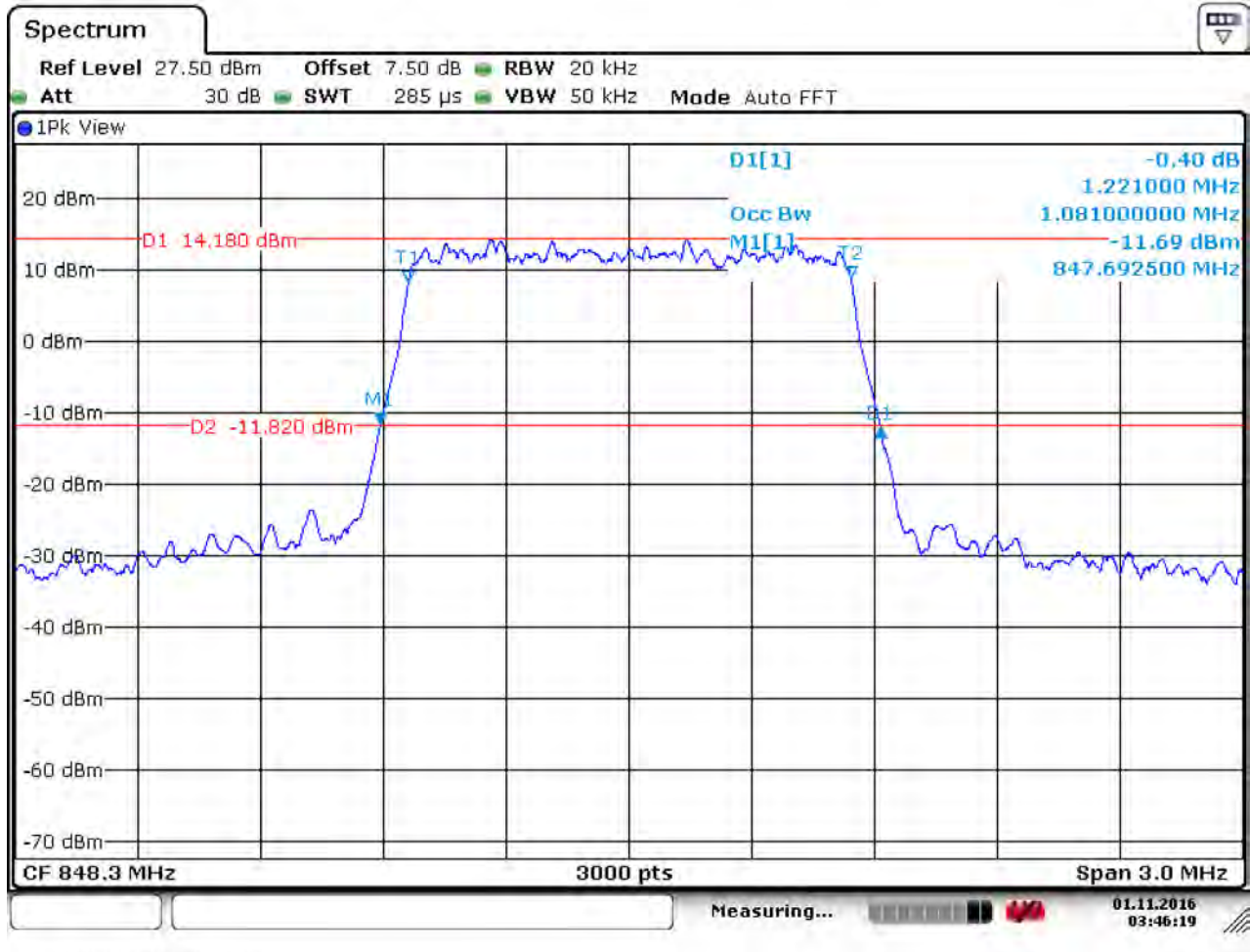


4.1.1.2.2 Test Channel = MCH



Date: 1.NOV.2016 03:36:33

4.1.1.2.3 Test Channel = HCH



Date: 1.NOV.2016 03:46:19

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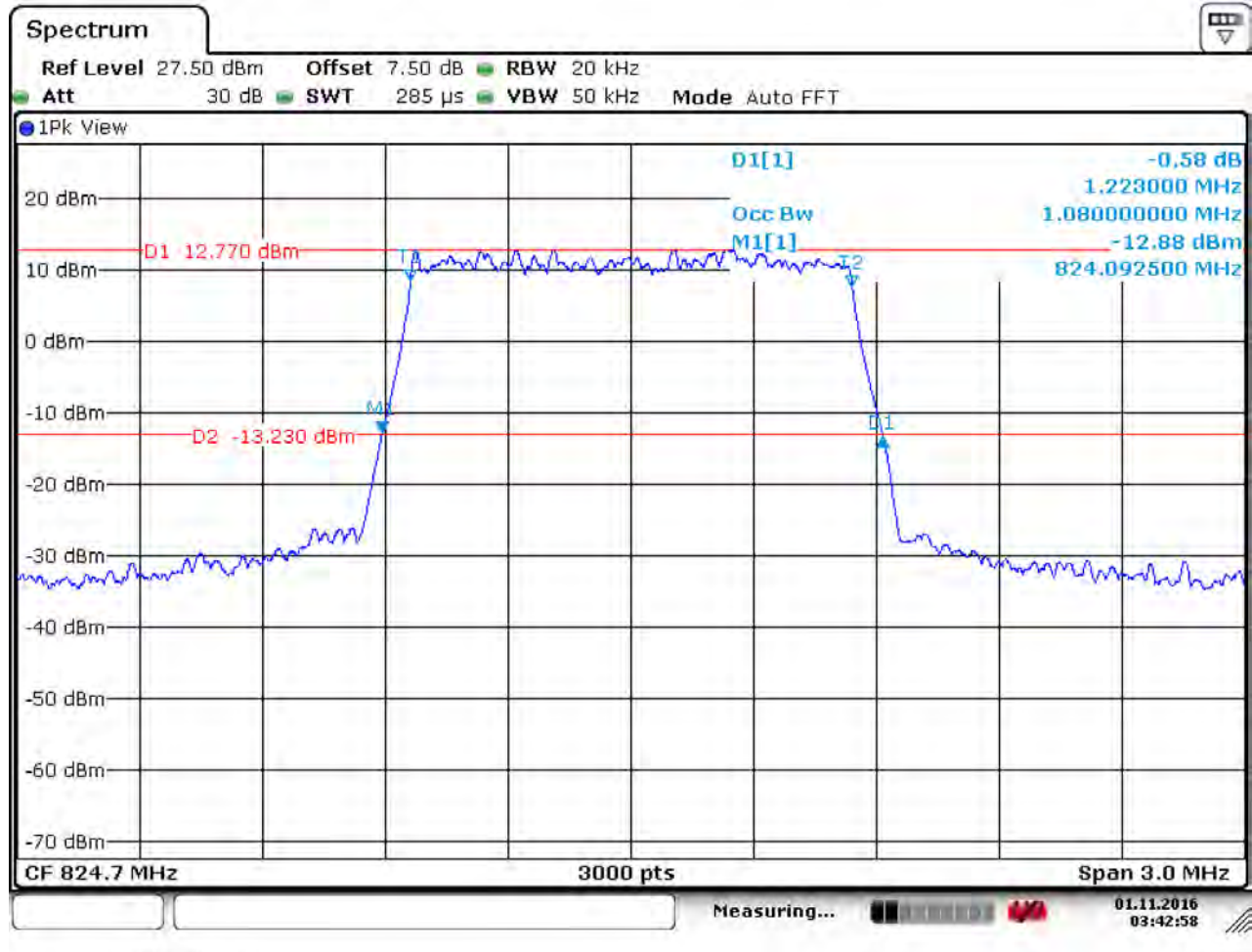
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4.1.1.3 Test Mode = LTE/TM3 1.4MHz

4.1.1.3.1 Test Channel = LCH

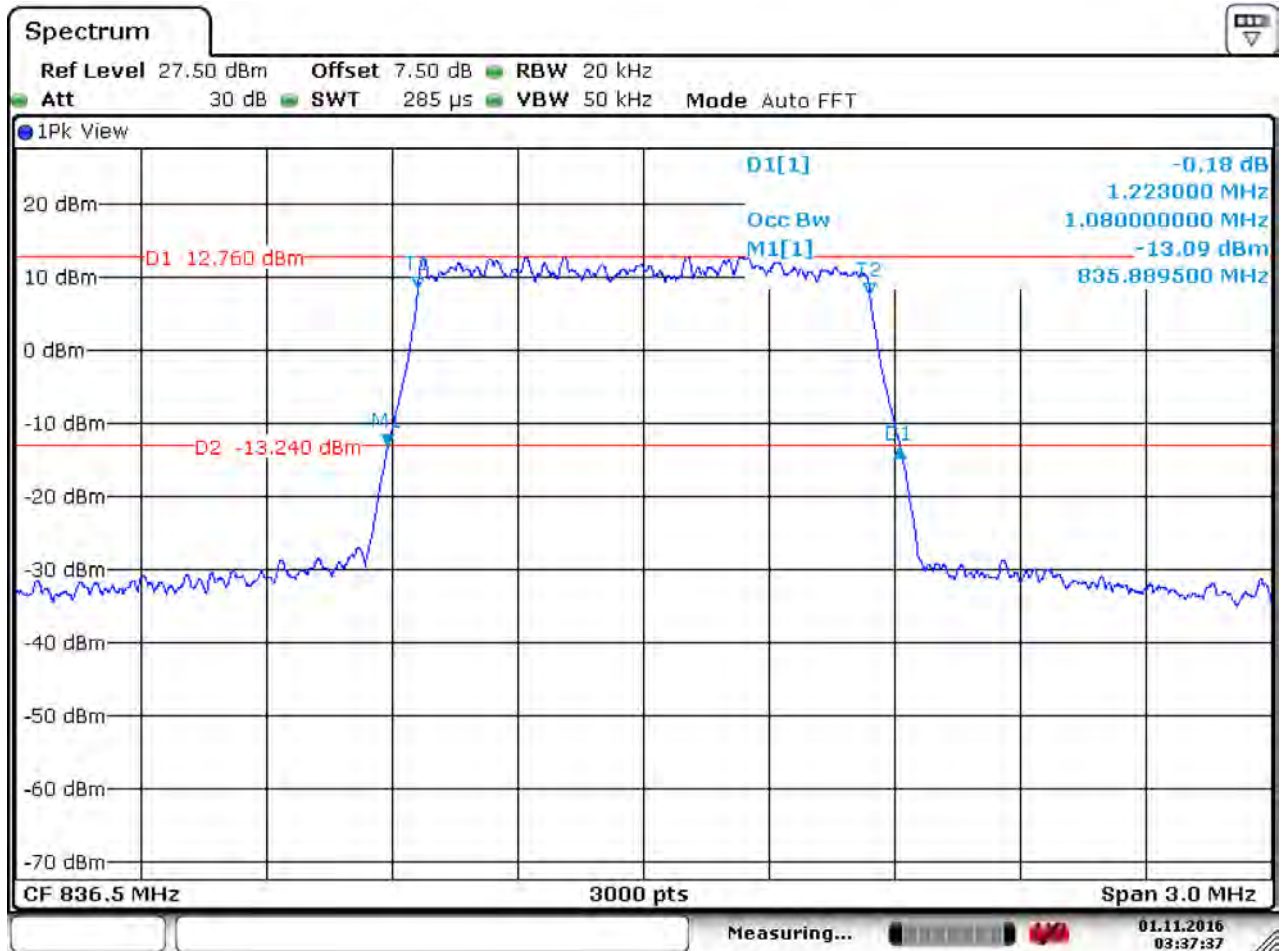


Date: 1.NOV.2016 03:42:58

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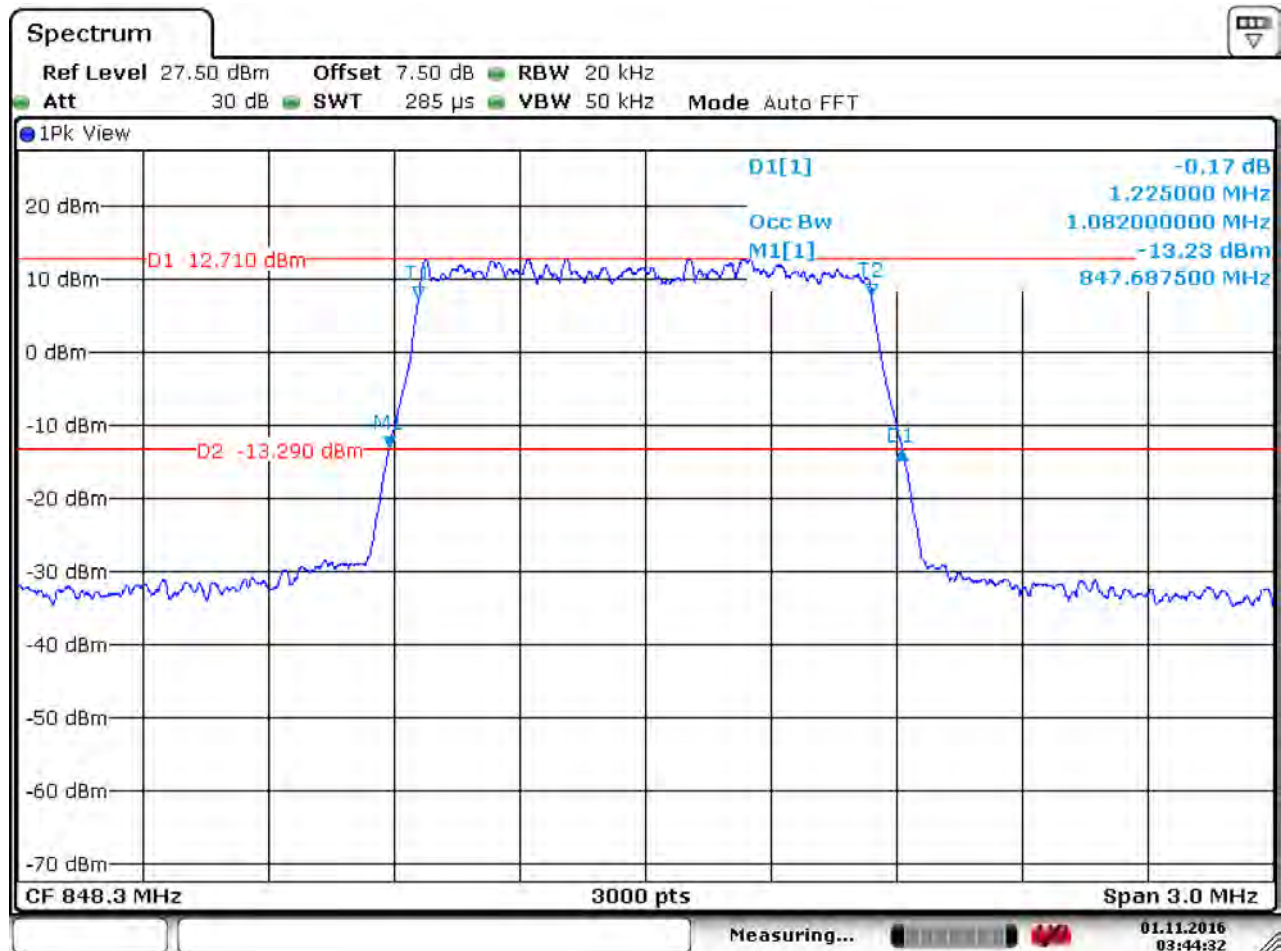
4.1.1.3.2 Test Channel = MCH



Date: 1.NOV.2016 03:37:37



4.1.1.3.3 Test Channel = HCH

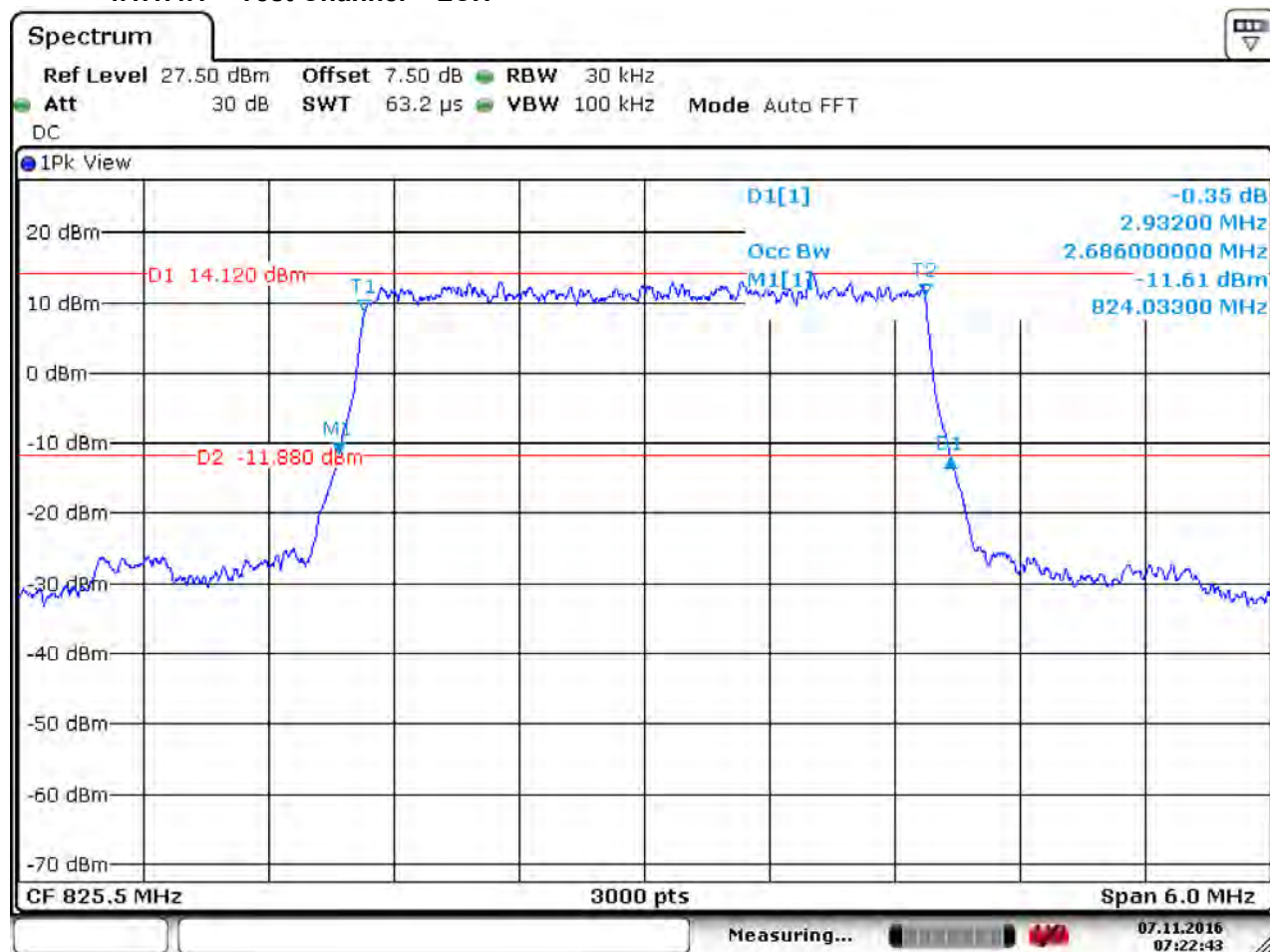


Date: 1.NOV.2016 03:44:32



4.1.1.4 Test Mode = LTE/TM1 3MHz

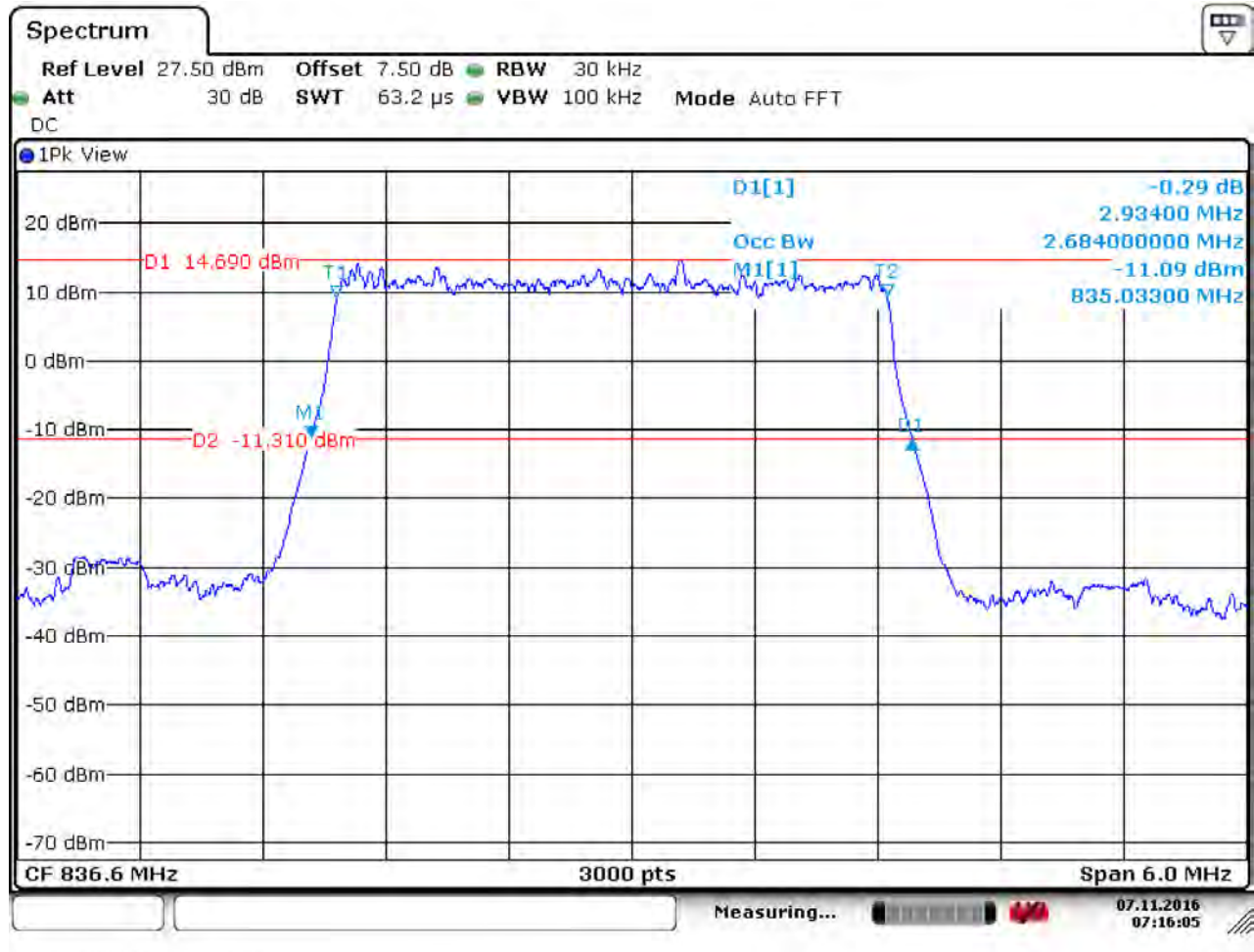
4.1.1.4.1 Test Channel = LCH



Date: 7.NOV.2016 07:22:43

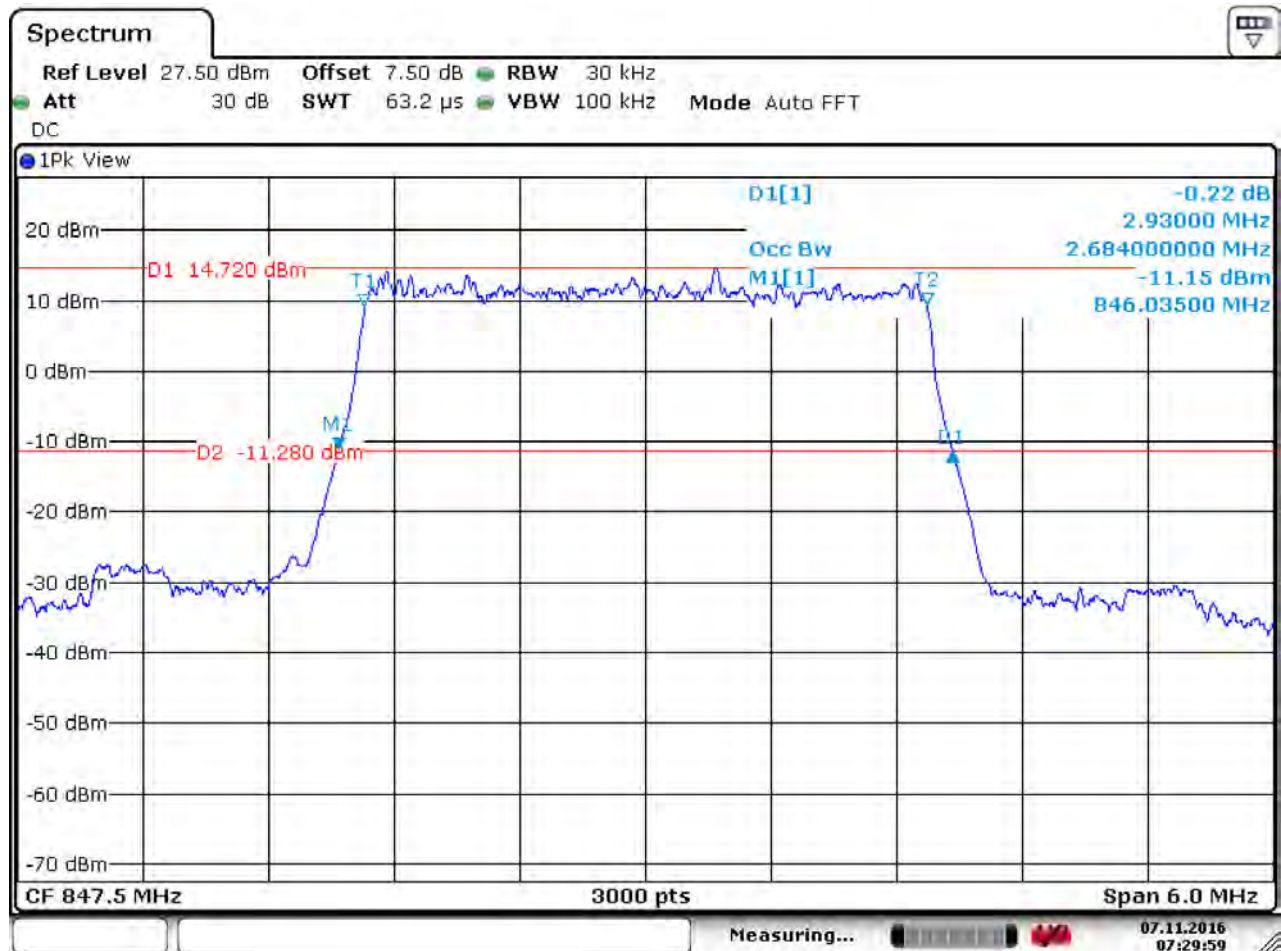


4.1.1.4.2 Test Channel = MCH



Date: 7.NOV.2016 07:16:05

4.1.1.4.3 Test Channel = HCH

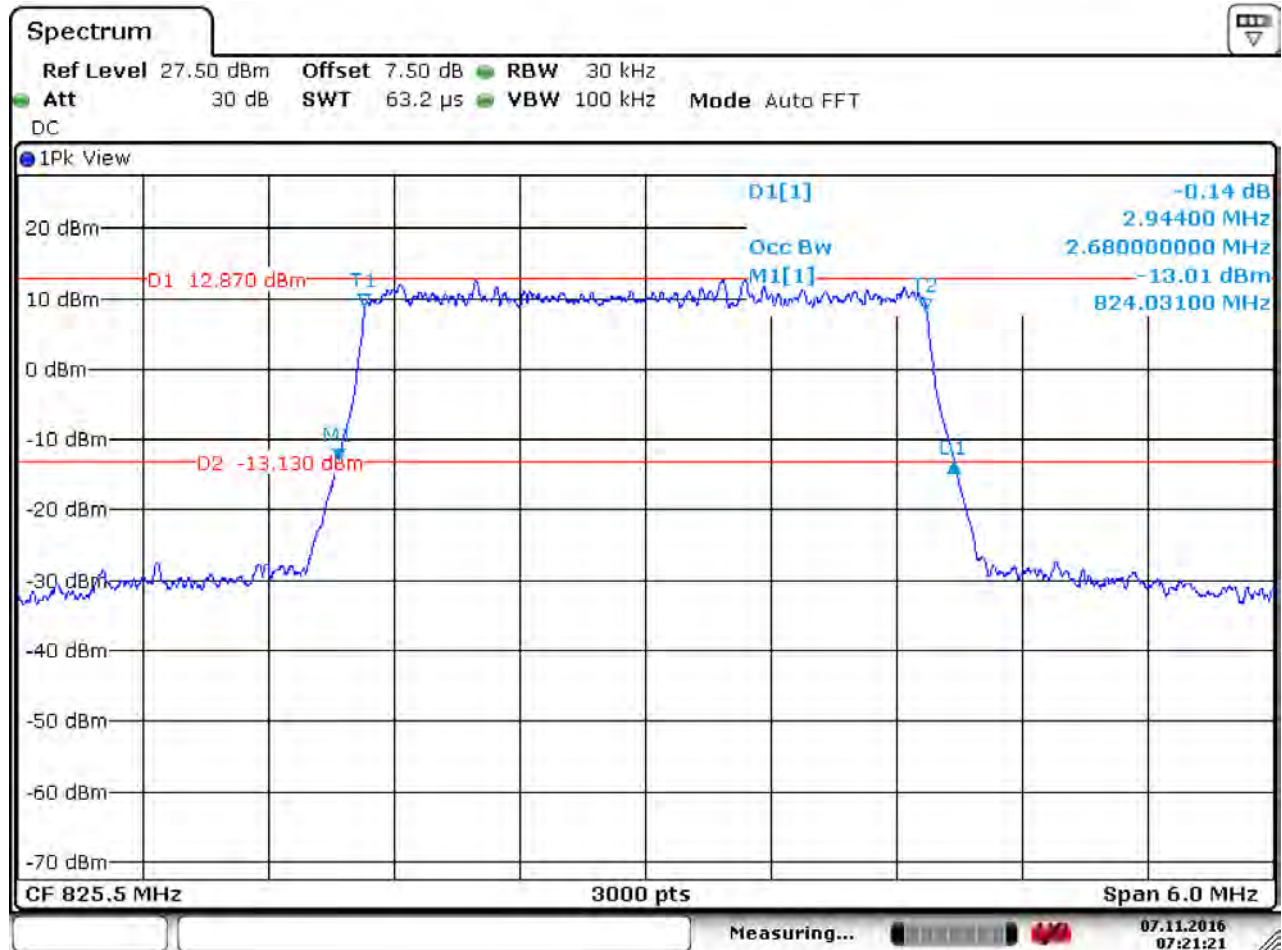


Date: 7.NOV.2016 07:29:59



4.1.1.5 Test Mode = LTE/TM2 3MHz

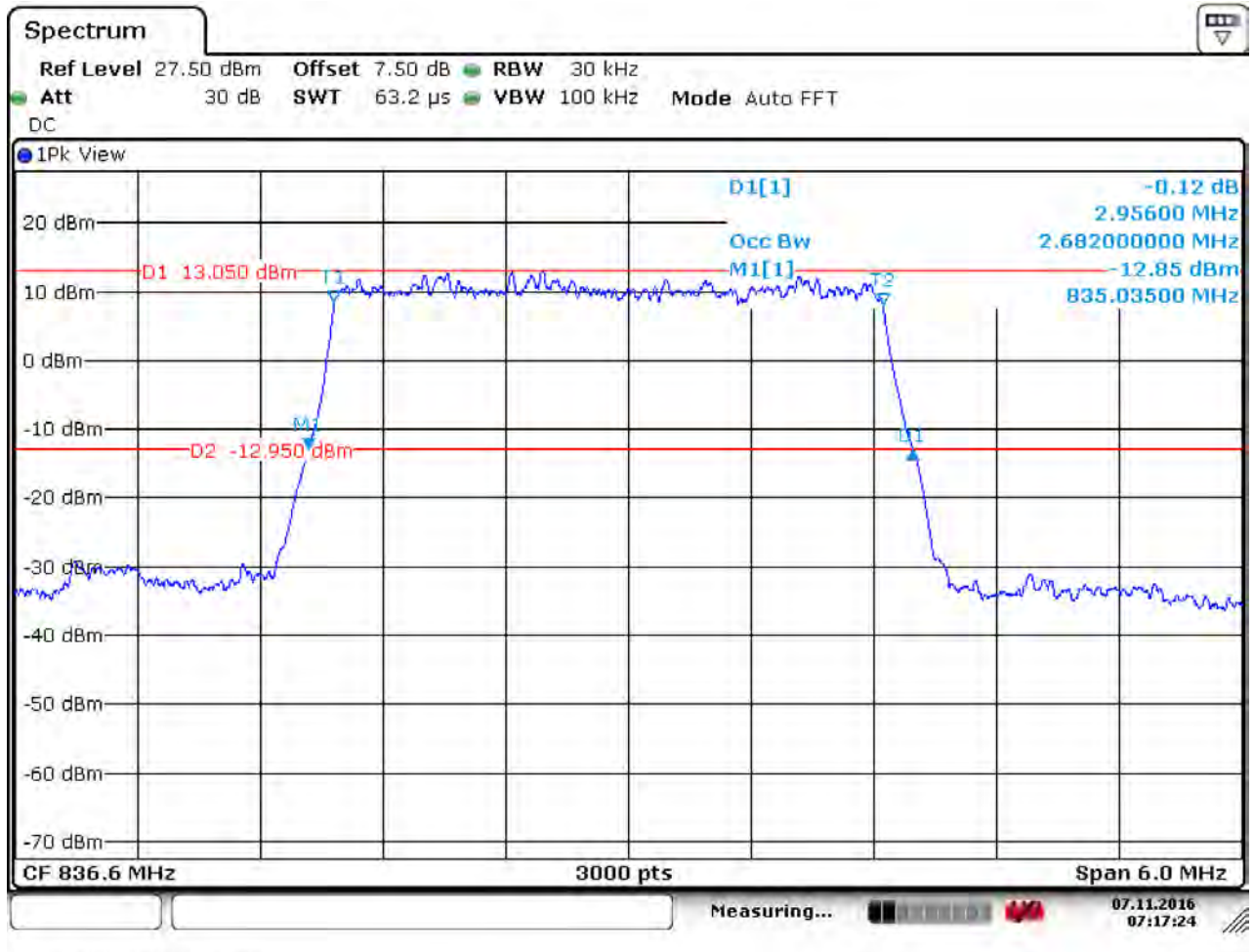
4.1.1.5.1 Test Channel = LCH



Date: 7.NOV.2016 07:21:21



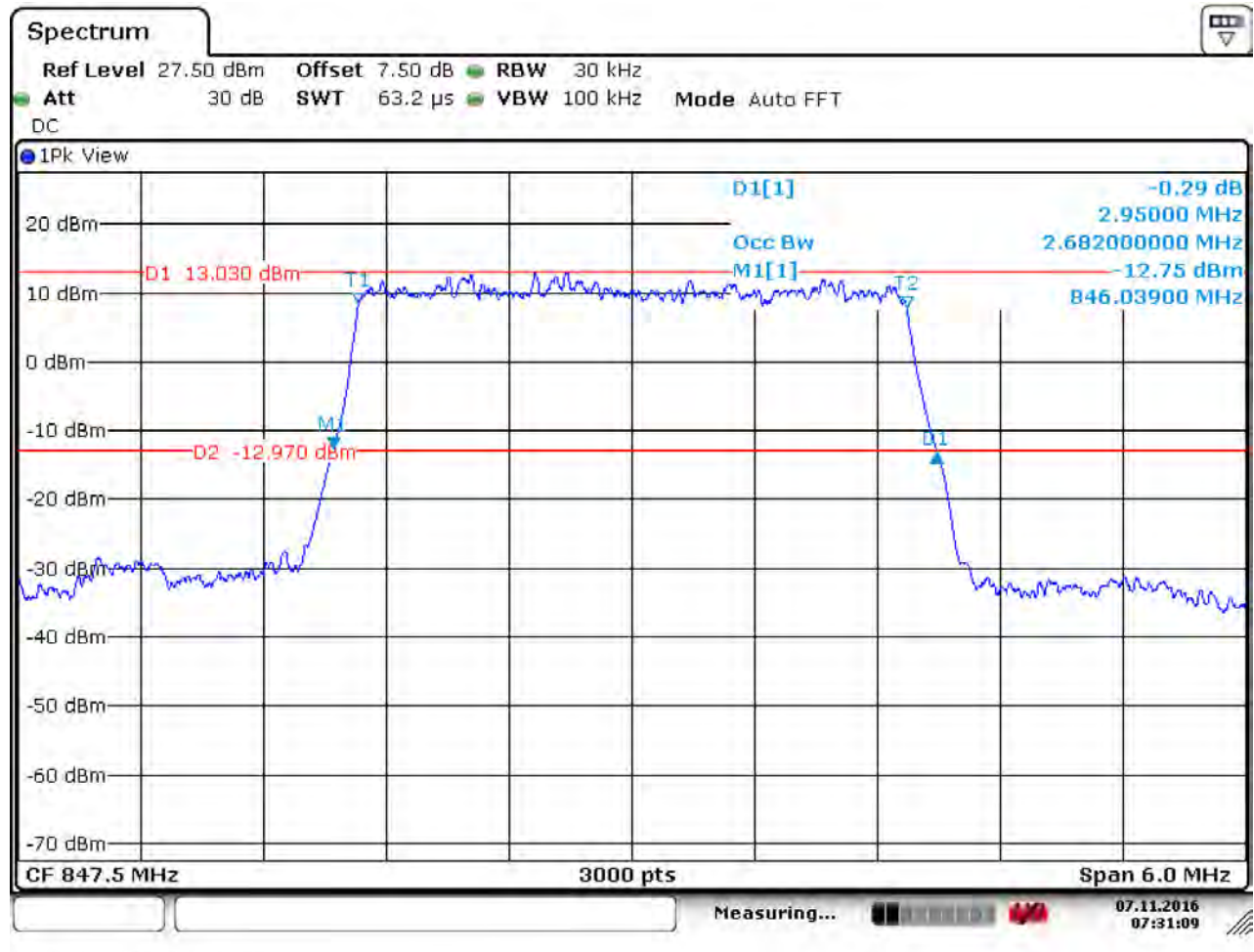
4.1.1.5.2 Test Channel = MCH



Date: 7.NOV.2016 07:17:25



4.1.1.5.3 Test Channel = HCH



Date: 7.NOV.2016 07:31:09



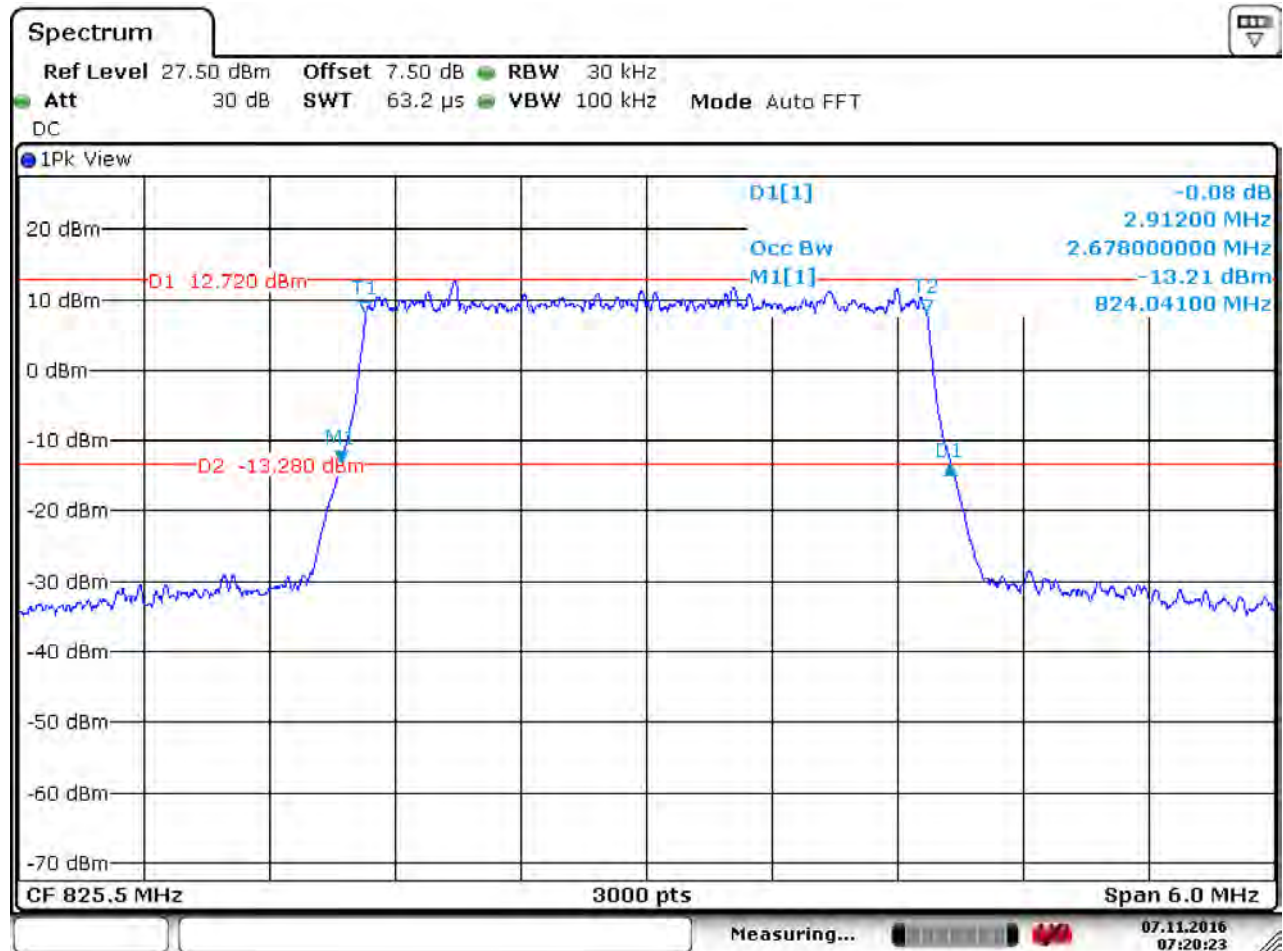
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Shenzhen Branch

Report No.: SZEM161000852202

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4.1.1.6 Test Mode = LTE/TM3 3MHz

4.1.1.6.1 Test Channel = LCH

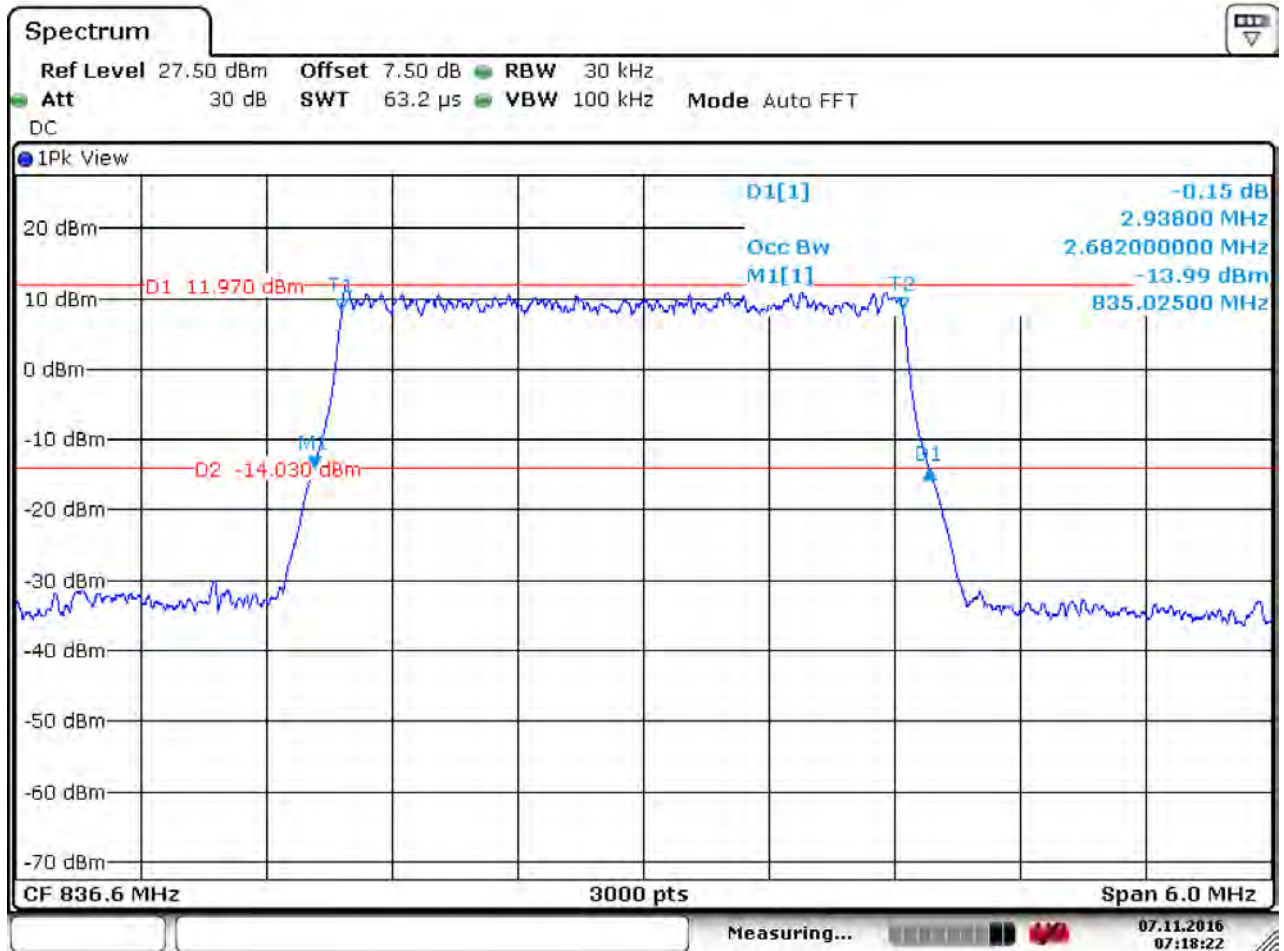


Date: 7.NOV.2016 07:20:23

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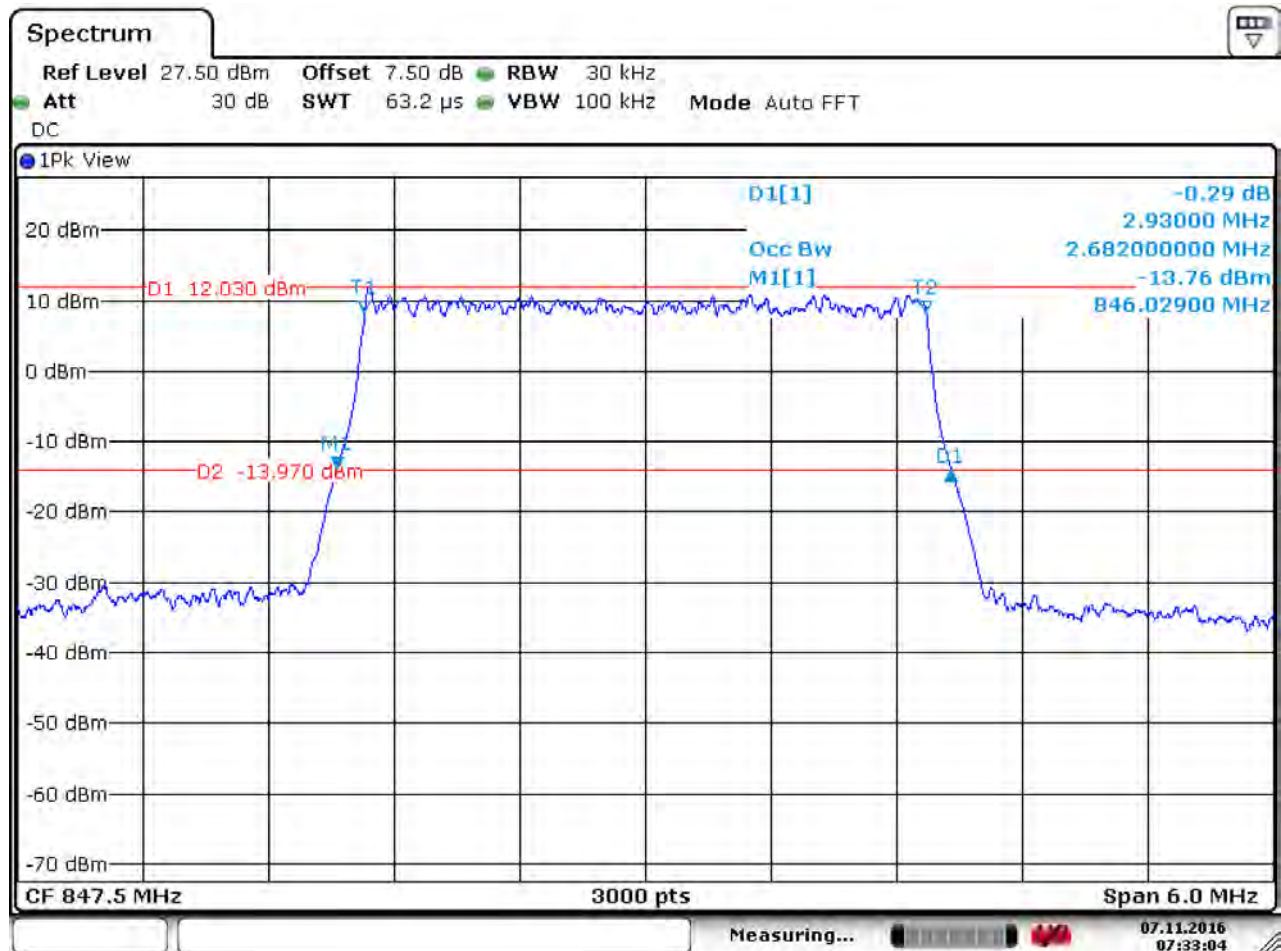
4.1.1.6.2 Test Channel =MCH



Date: 7.NOV.2016 07:18:23



4.1.1.6.3 Test Channel = HCH

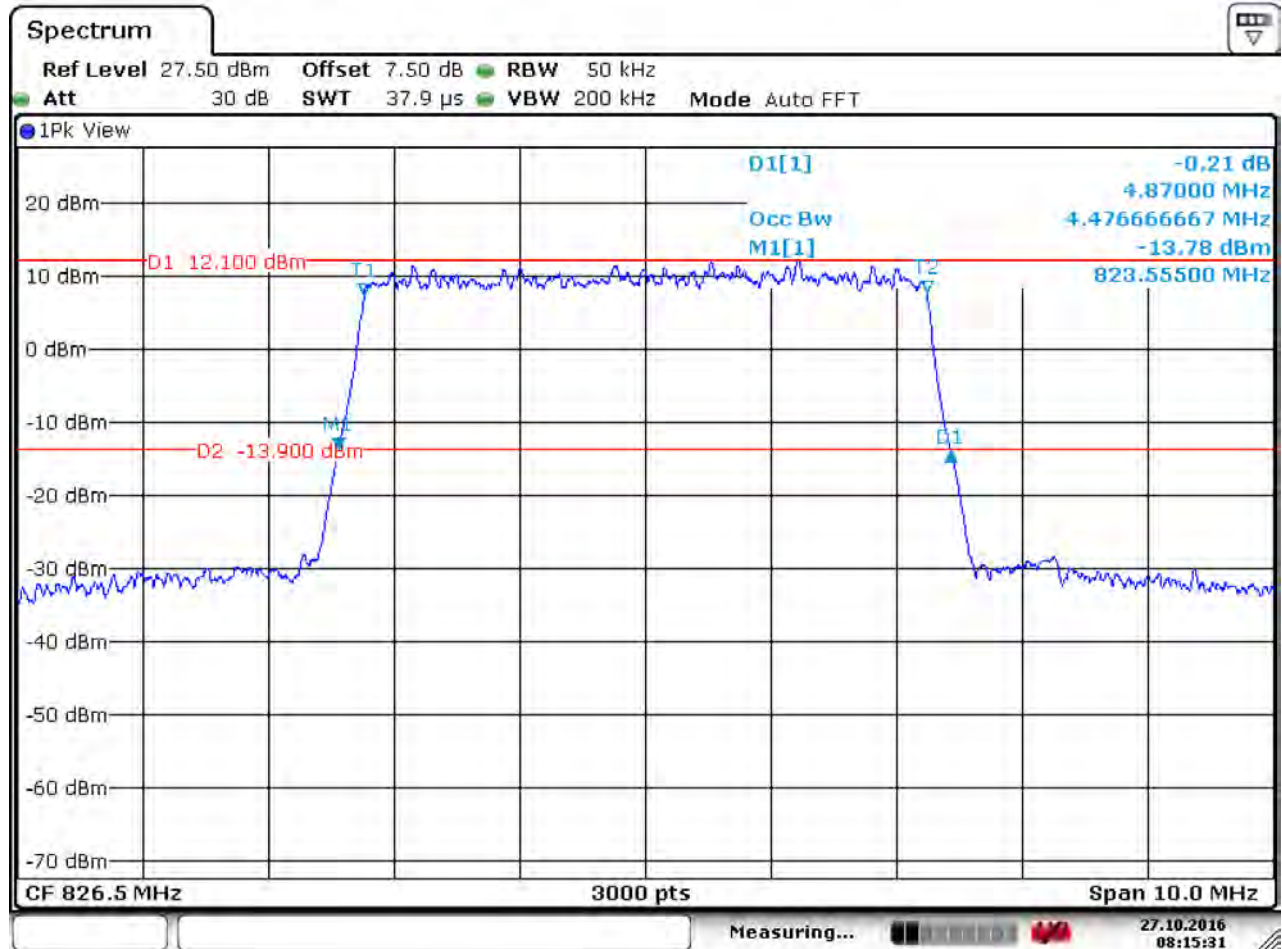


Date: 7.NOV.2016 07:33:05



4.1.1.7 Test Mode = LTE/TM1 5MHz

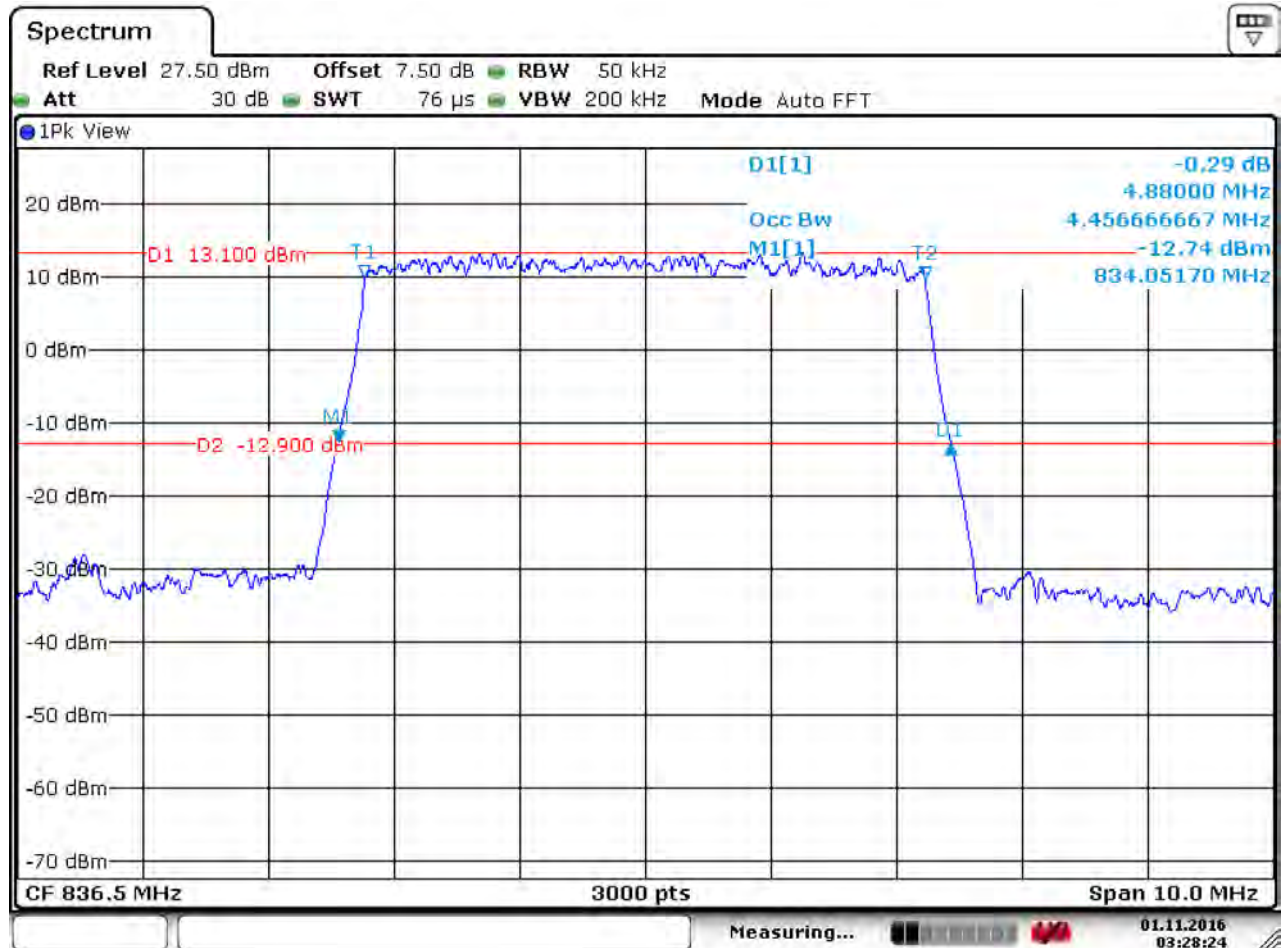
4.1.1.7.1 Test Channel = LCH



Date: 27.OCT.2016 08:15:31



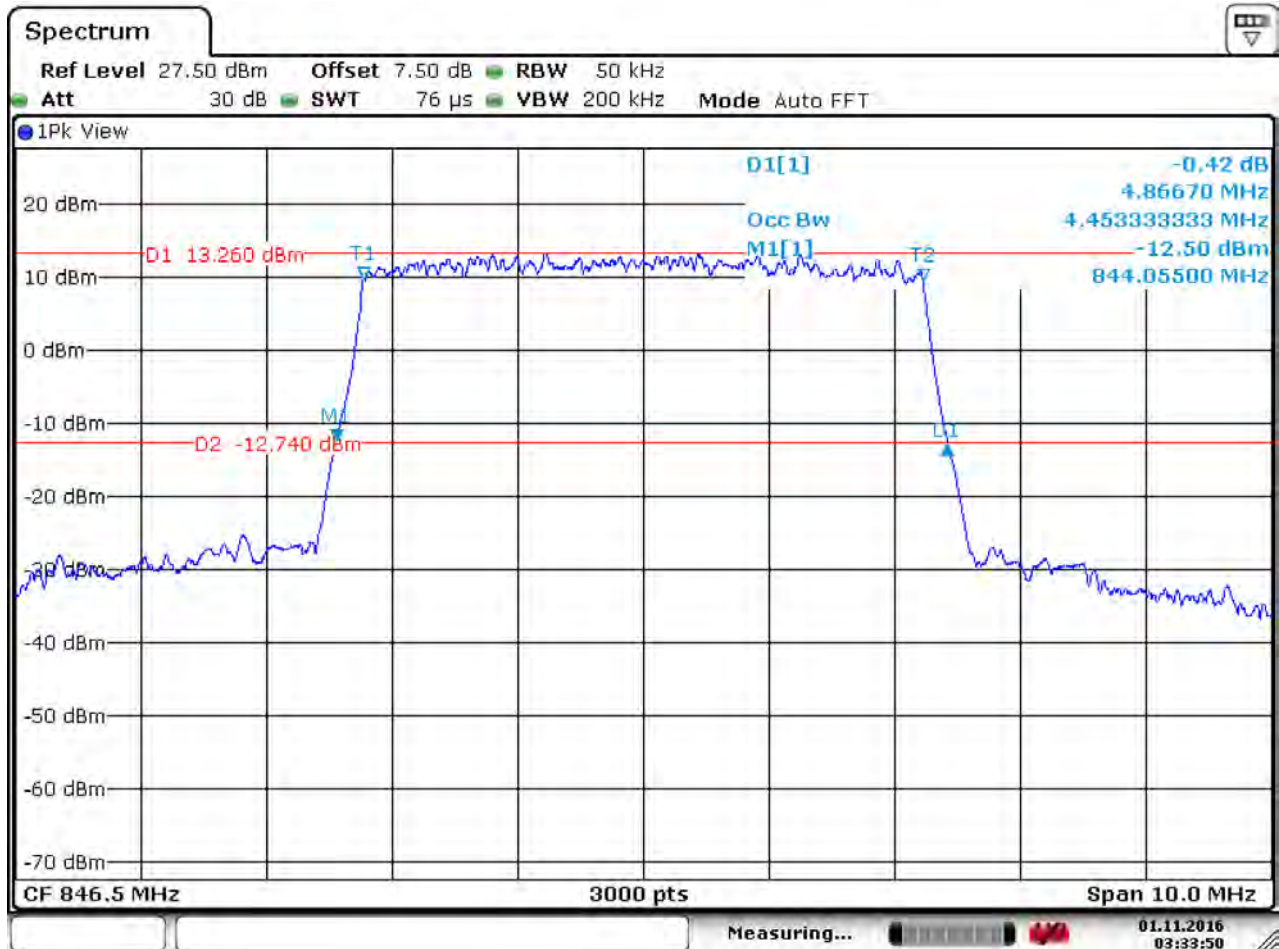
4.1.1.7.2 Test Channel = MCH



Date: 1.NOV.2016 03:28:25



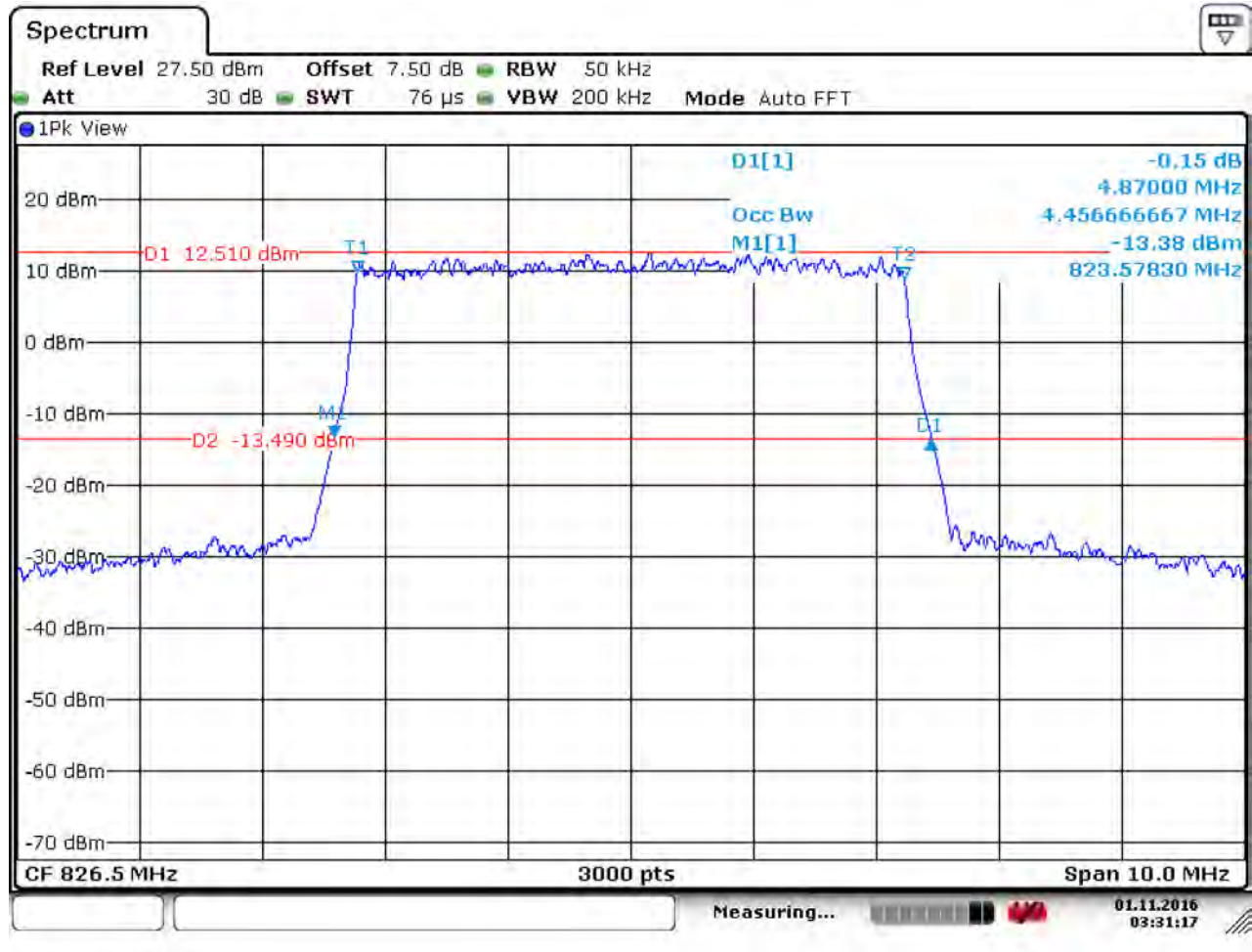
4.1.1.7.3 Test Channel = HCH



Date: 1.NOV.2016 03:33:51

4.1.1.8 Test Mode = LTE/TM2 5MHz

4.1.1.8.1 Test Channel = LCH

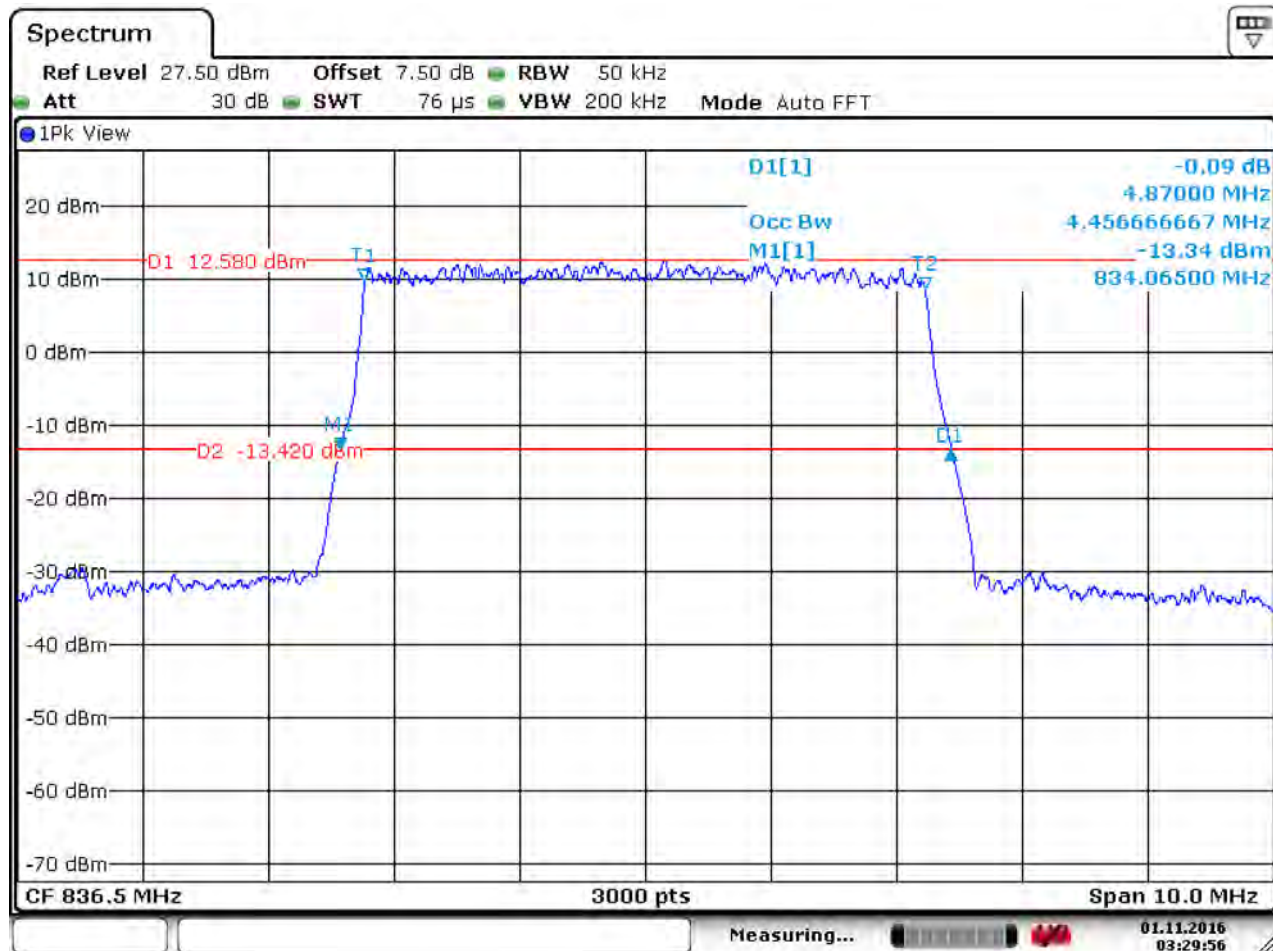


Date: 1.NOV.2016 03:31:17

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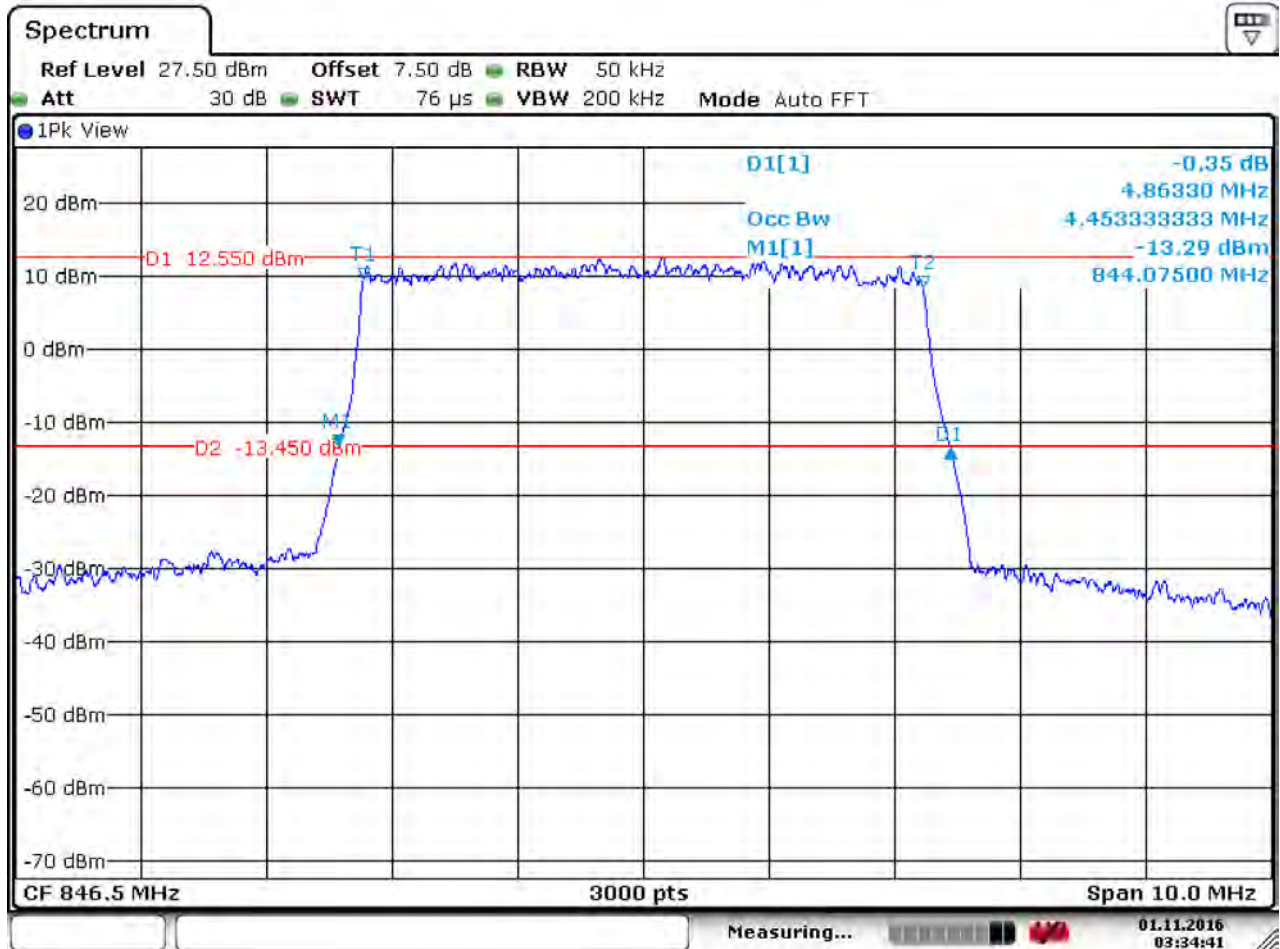
4.1.1.8.2 Test Channel = MCH



Date: 1.NOV.2016 03:29:56



4.1.1.8.3 Test Channel = HCH

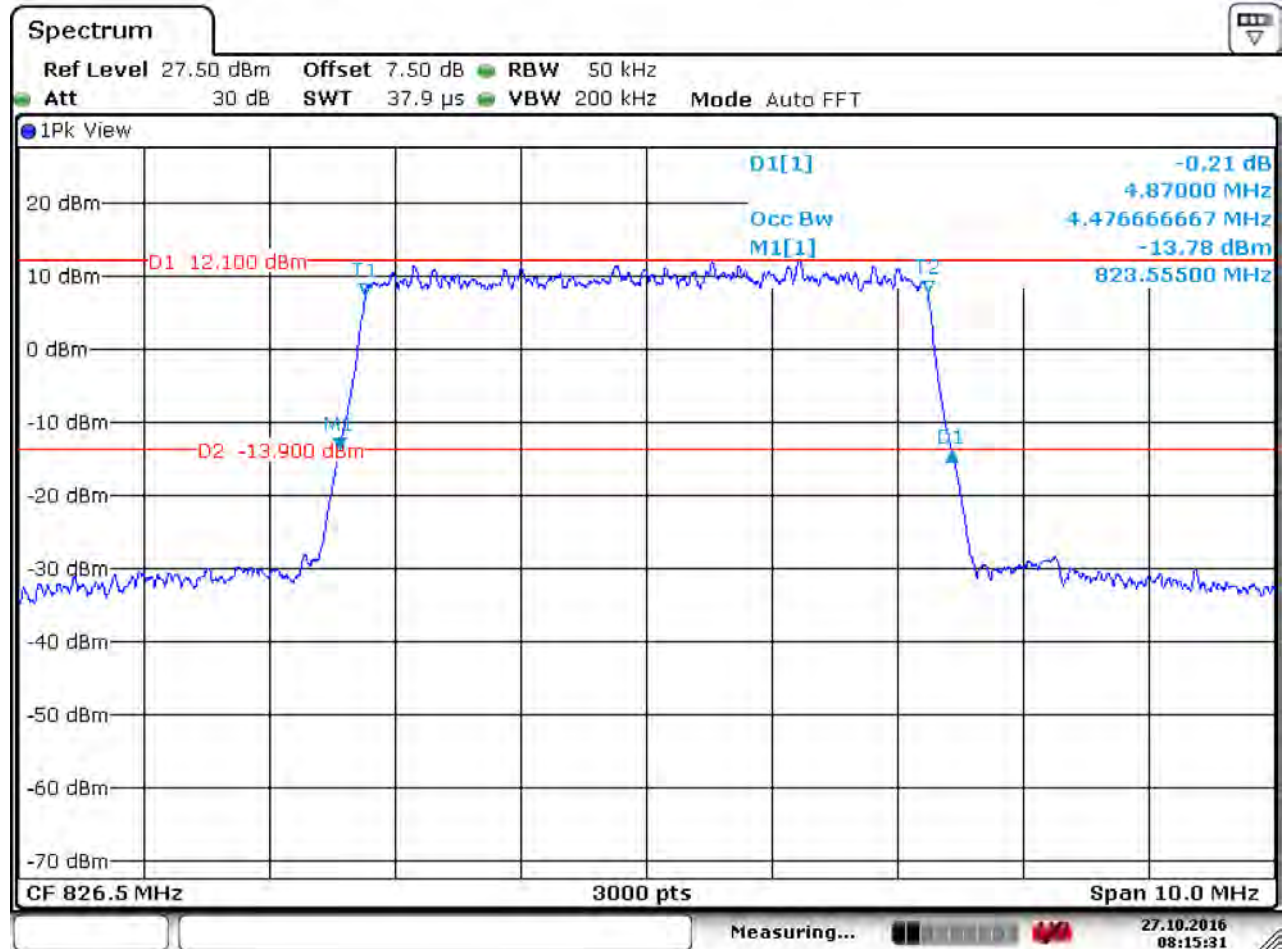


Date: 1.NOV.2016 03:34:41



4.1.1.9 Test Mode = LTE/TM3 5MHz

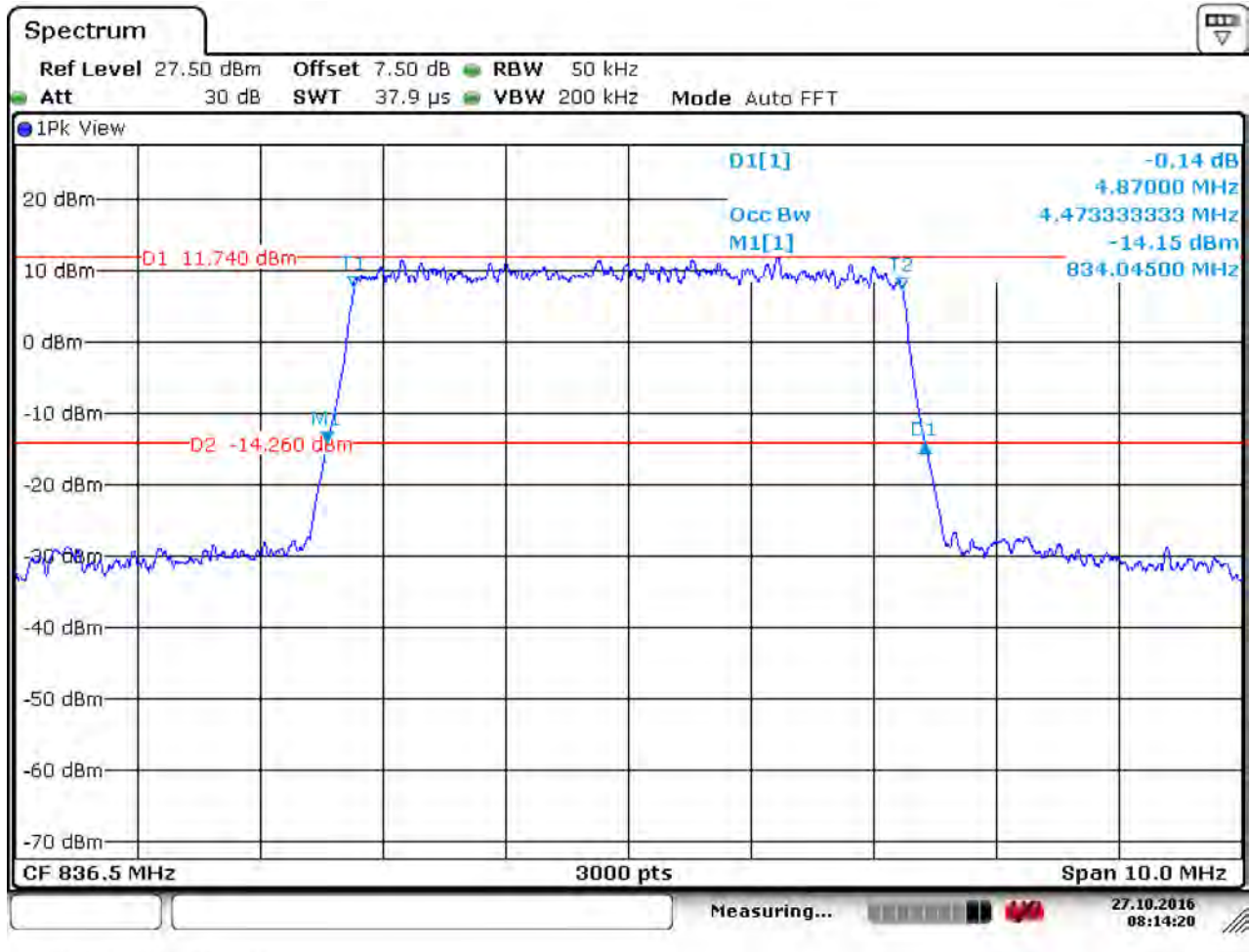
4.1.1.9.1 Test Channel = LCH



Date: 27.OCT.2016 08:15:31



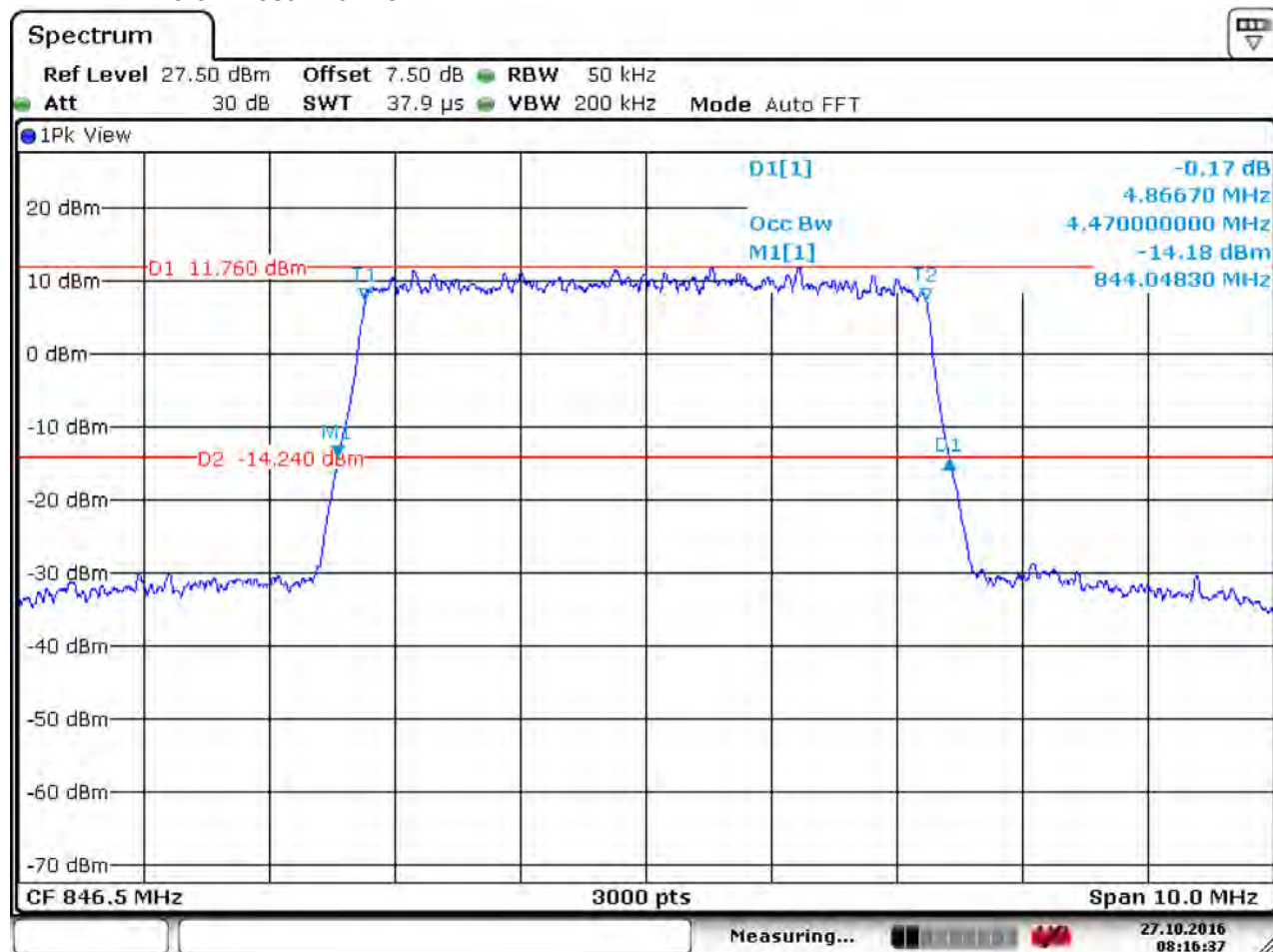
4.1.1.9.2 Test Channel = MCH



Date: 27.OCT.2016 08:14:20



4.1.1.9.3 Test Channel = HCH

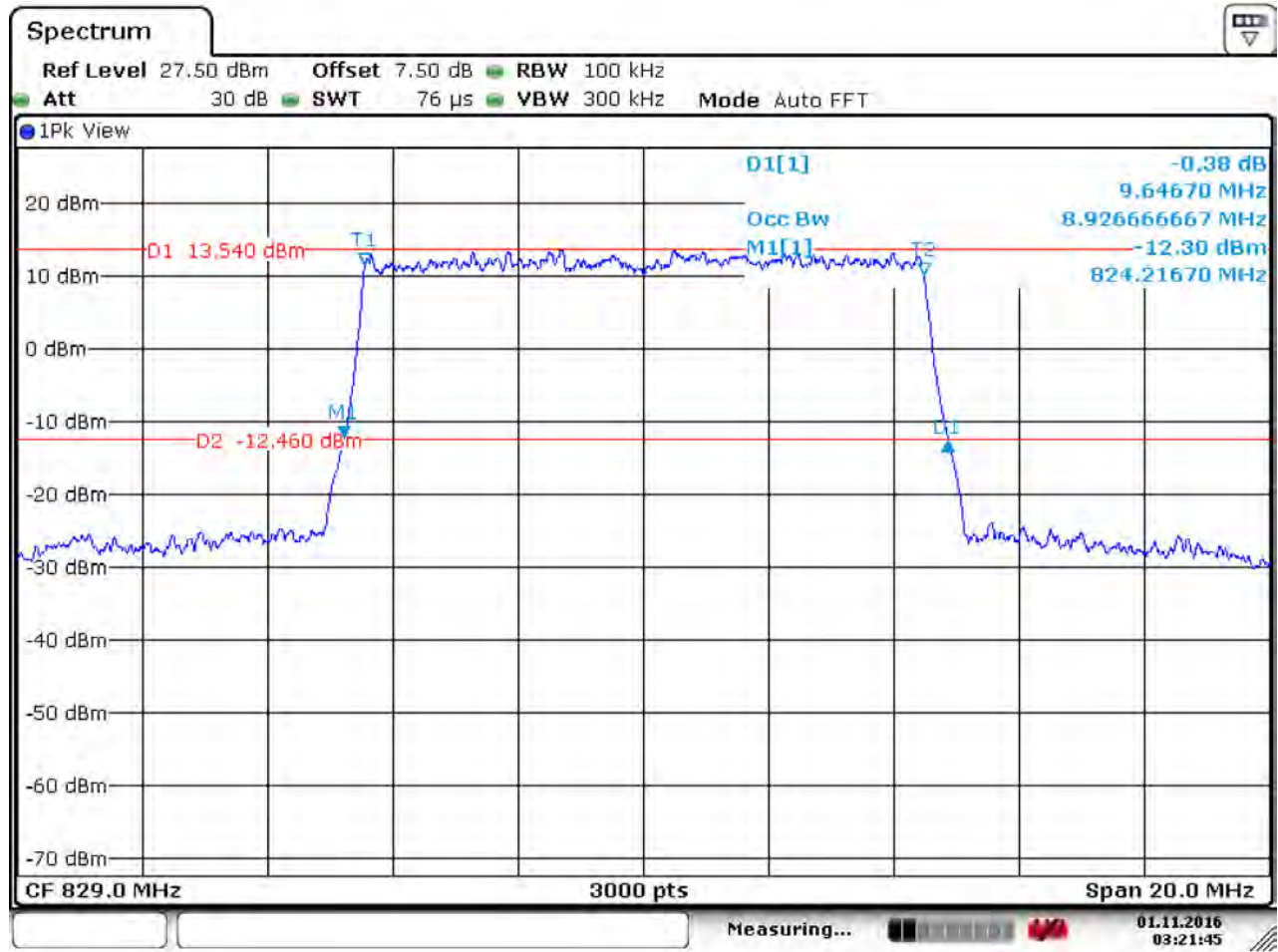


Date: 27.OCT.2016 08:16:37



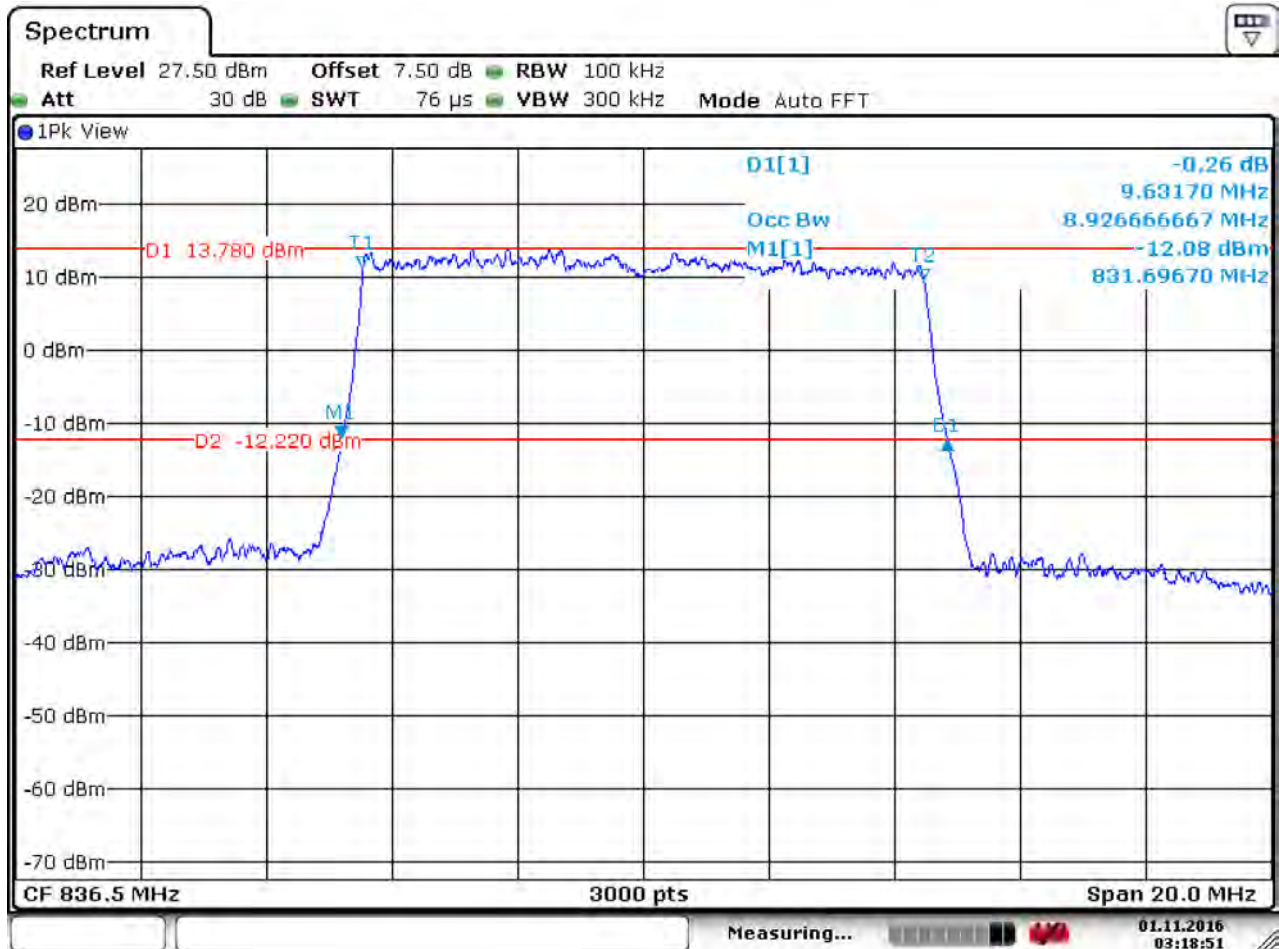
4.1.1.10 Test Mode = LTE/TM1 10MHz

4.1.1.10.1 Test Channel = LCH



Date: 1.NOV.2016 03:21:45

4.1.1.10.2 Test Channel = MCH

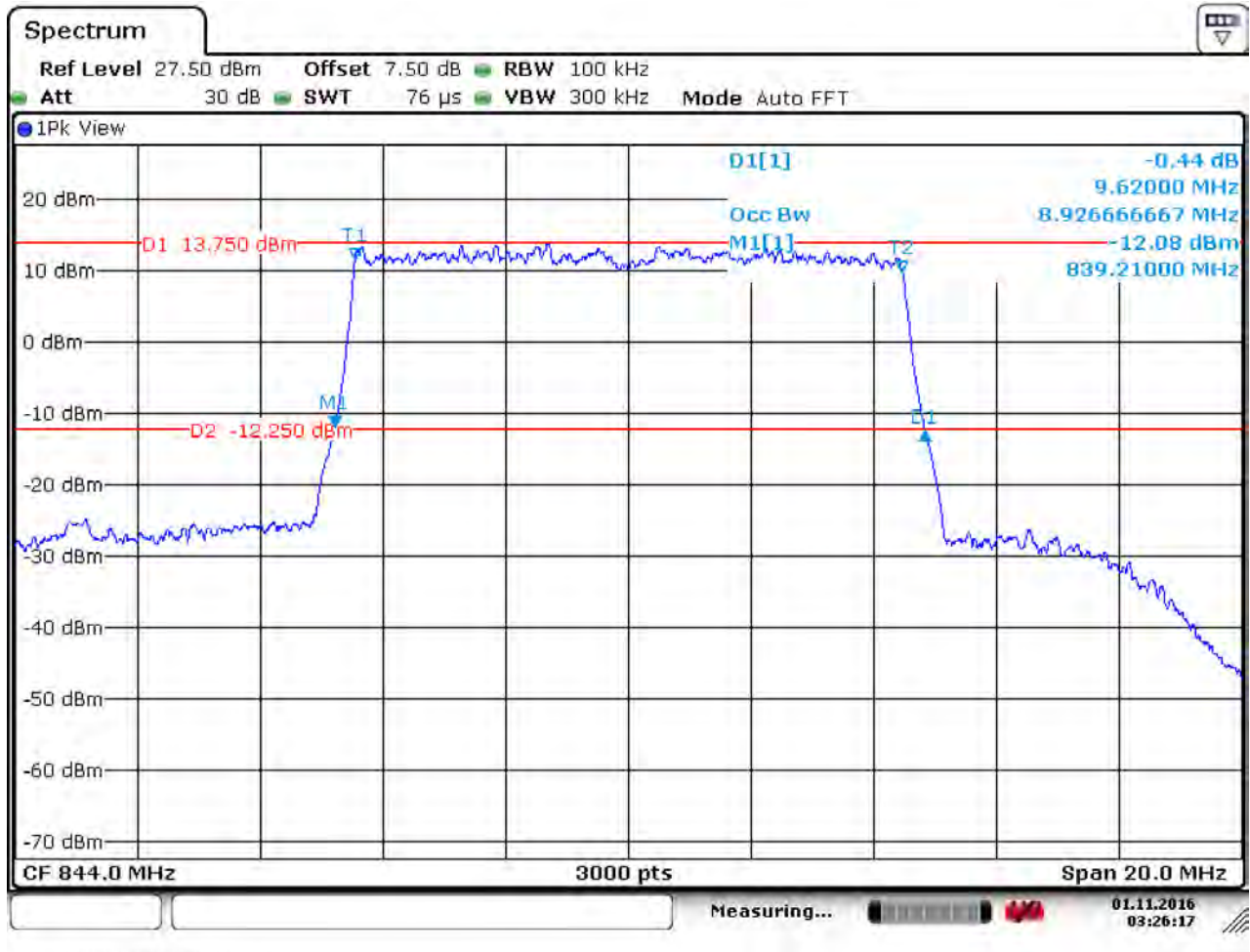


Date: 1.NOV.2016 03:18:51

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4.1.1.10.3 Test Channel = HCH

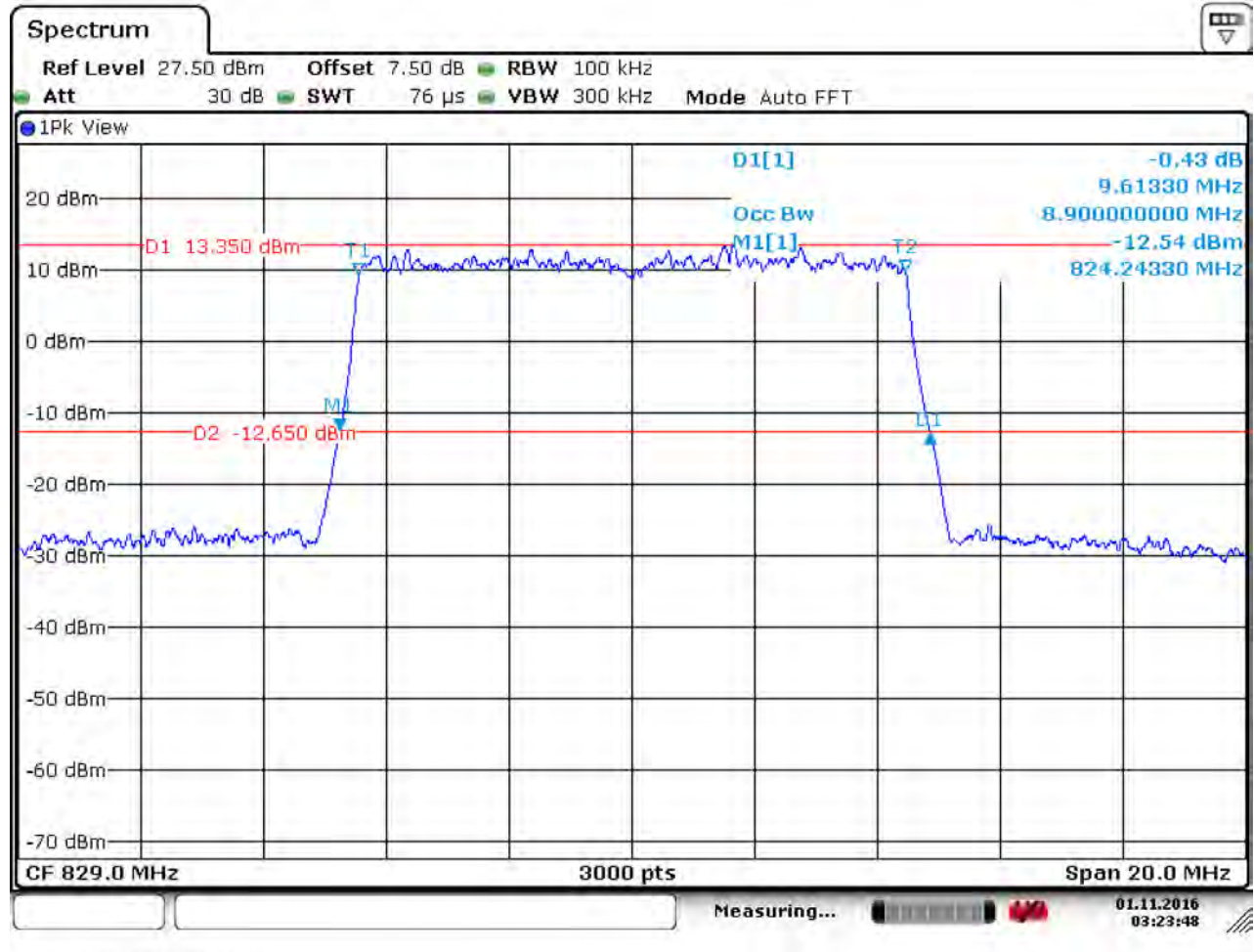


Date: 1.NOV.2016 03:26:17



4.1.1.11 Test Mode = LTE/TM2 10MHz

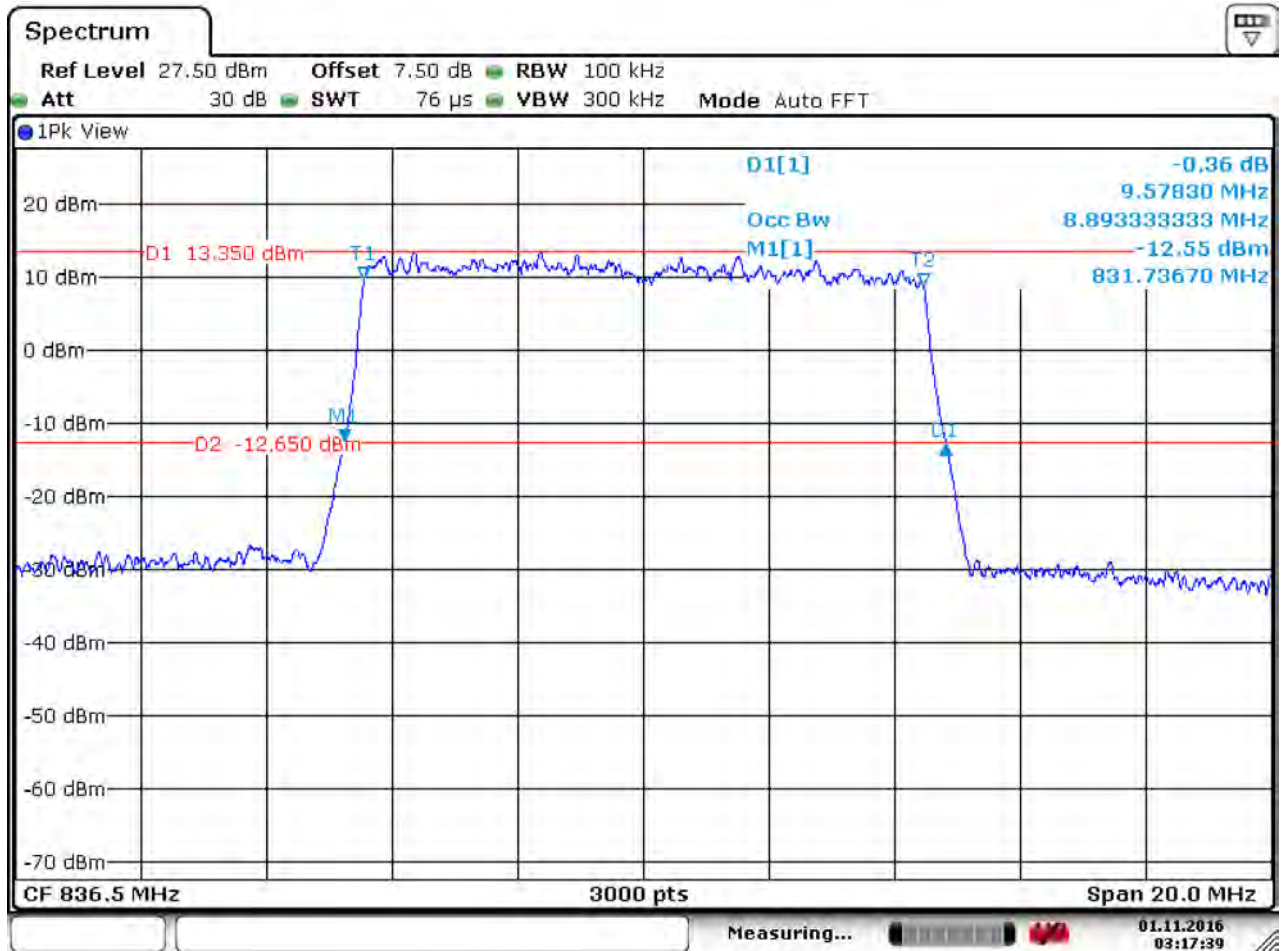
4.1.1.11.1 Test Channel = LCH



Date: 1.NOV.2016 03:23:48



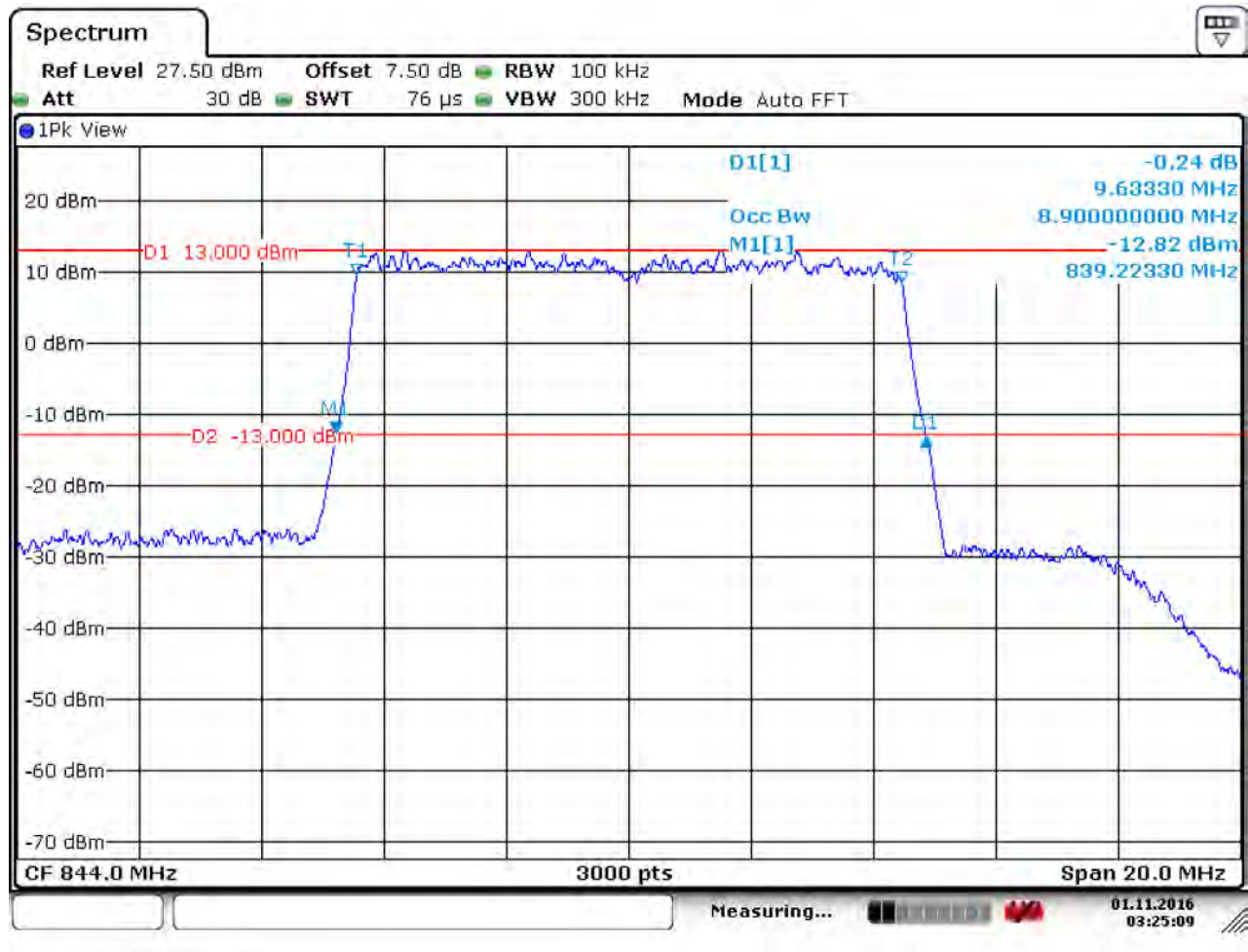
4.1.1.11.2 Test Channel = MCH



Date: 1.NOV.2016 03:17:39



4.1.1.11.3 Test Channel = HCH

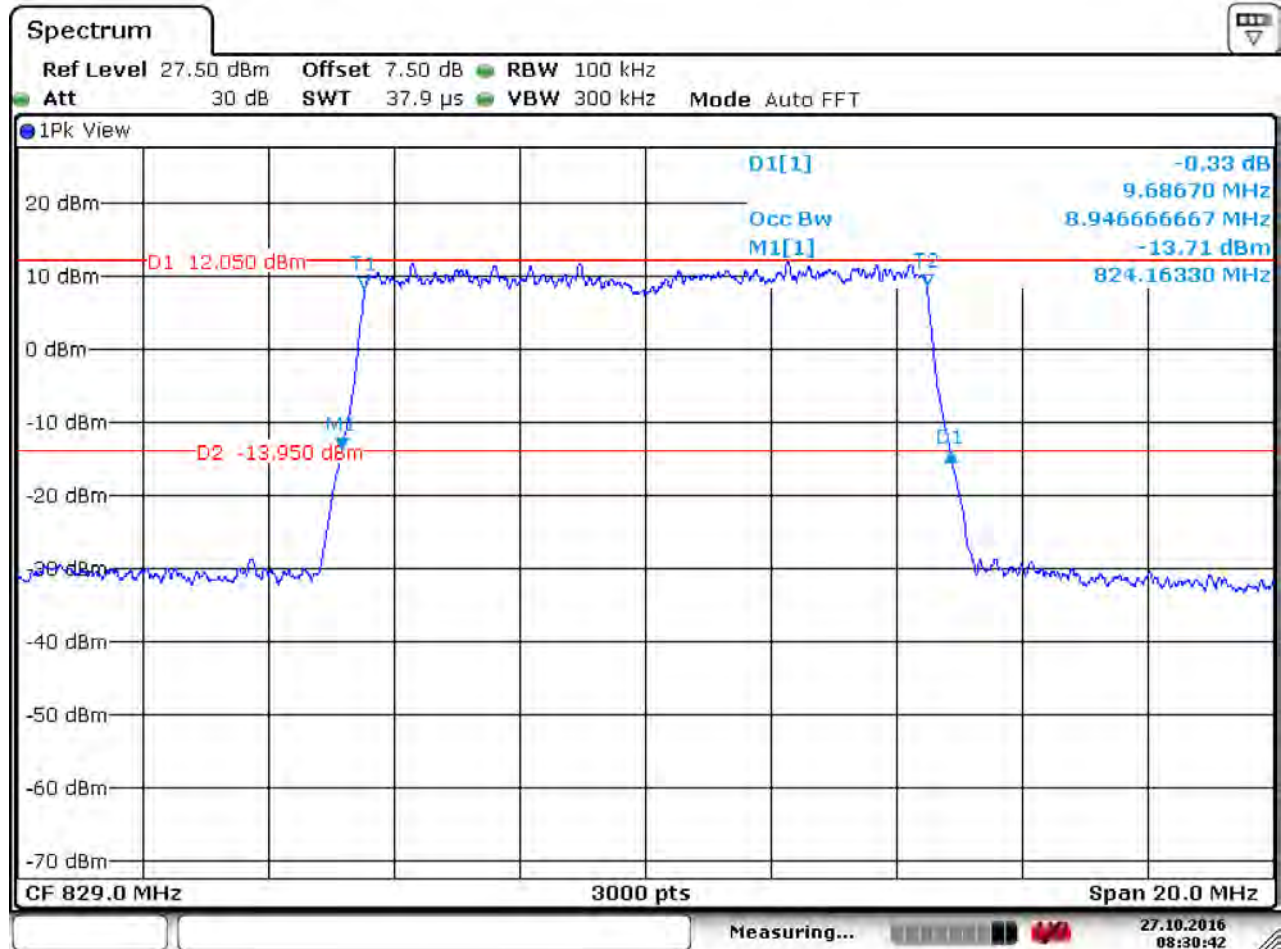


Date: 1.NOV.2016 03:25:09



4.1.1.12 Test Mode = LTE/TM3 10MHz

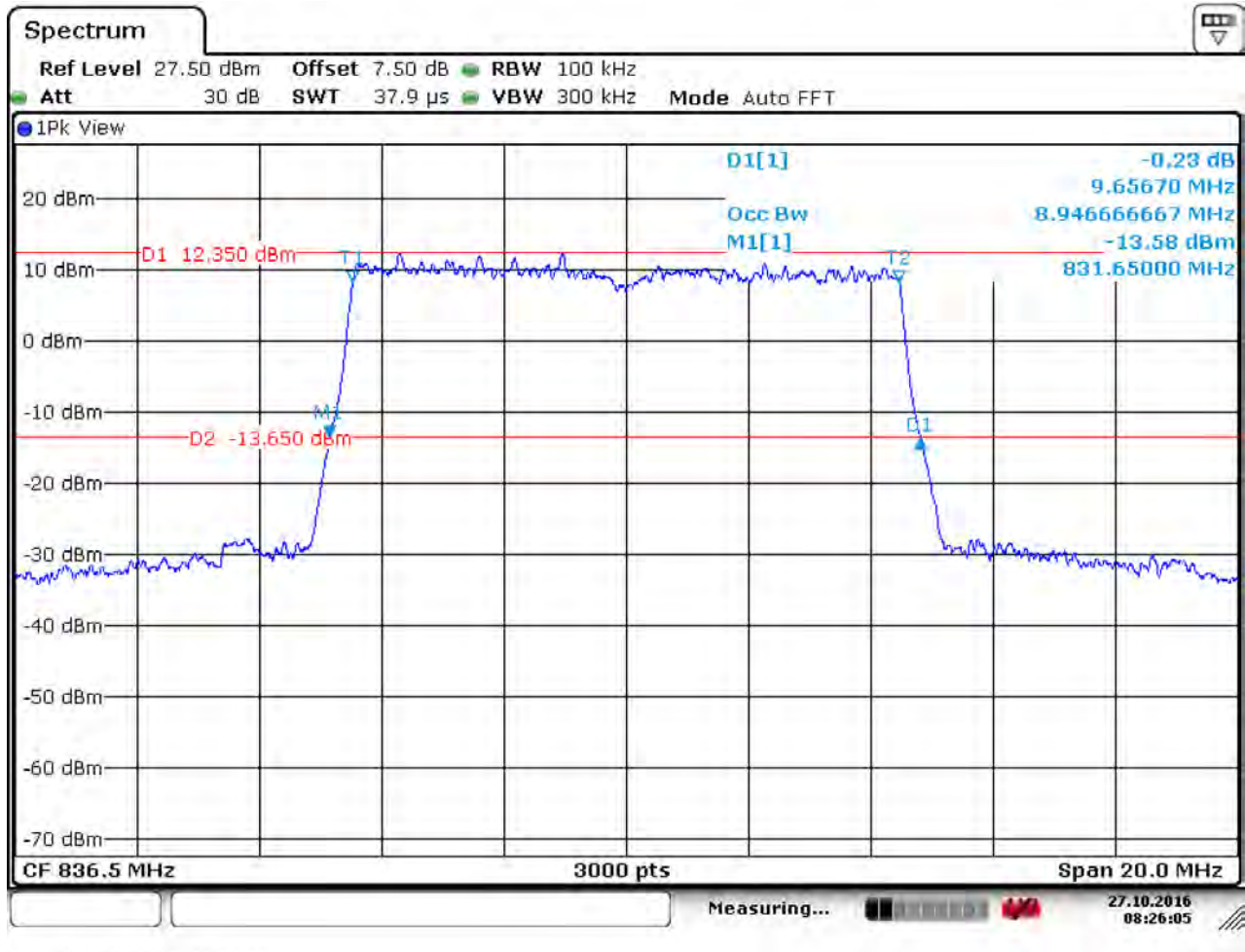
4.1.1.12.1 Test Channel = LCH



Date: 27.OCT.2016 08:30:43



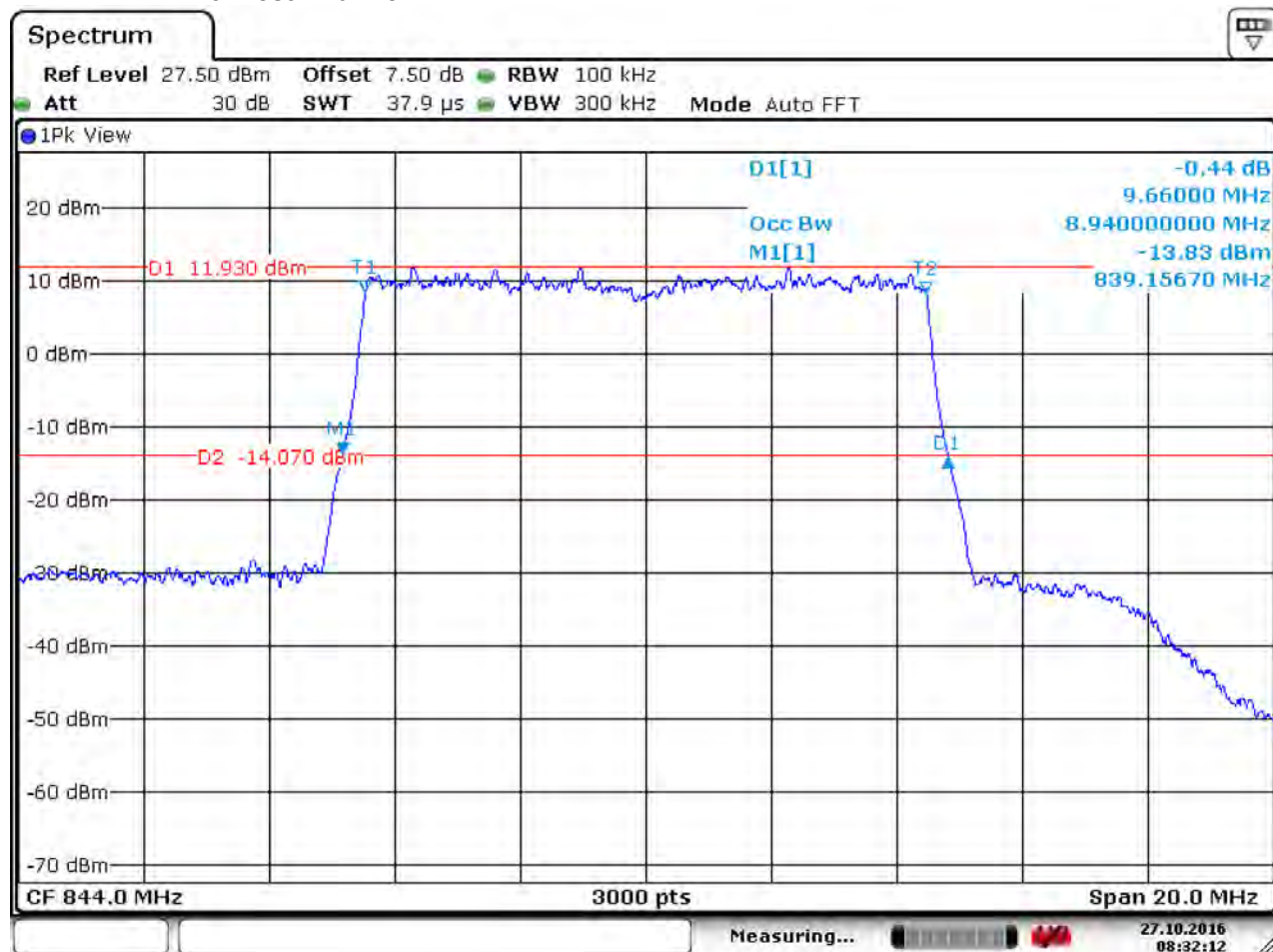
4.1.1.12.2 Test Channel = MCH



Date: 27.OCT.2016 08:26:05



4.1.1.12.3 Test Channel = HCH

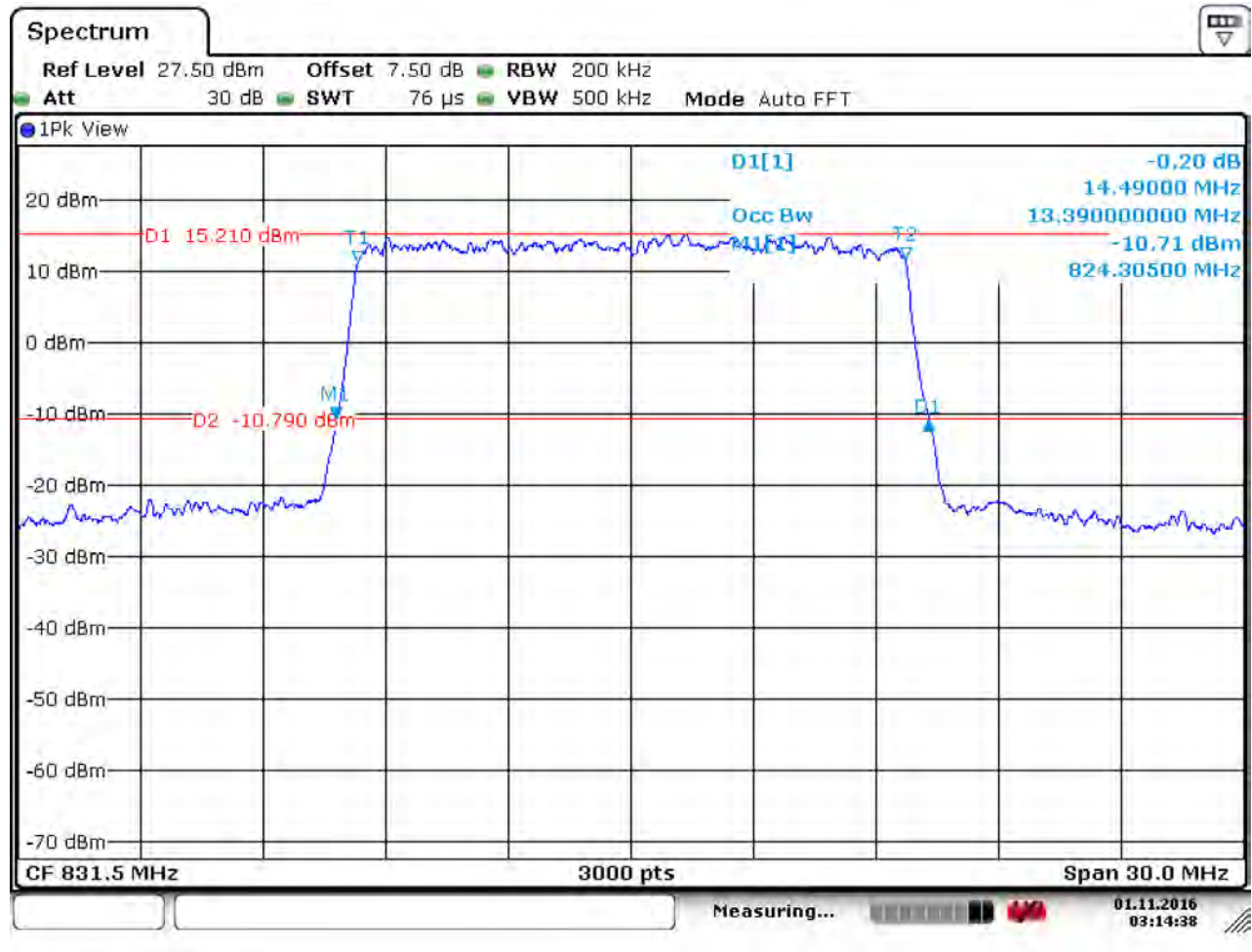


Date: 27.OCT.2016 08:32:12



4.1.1.13 Test Mode = LTE/TM1 15MHz

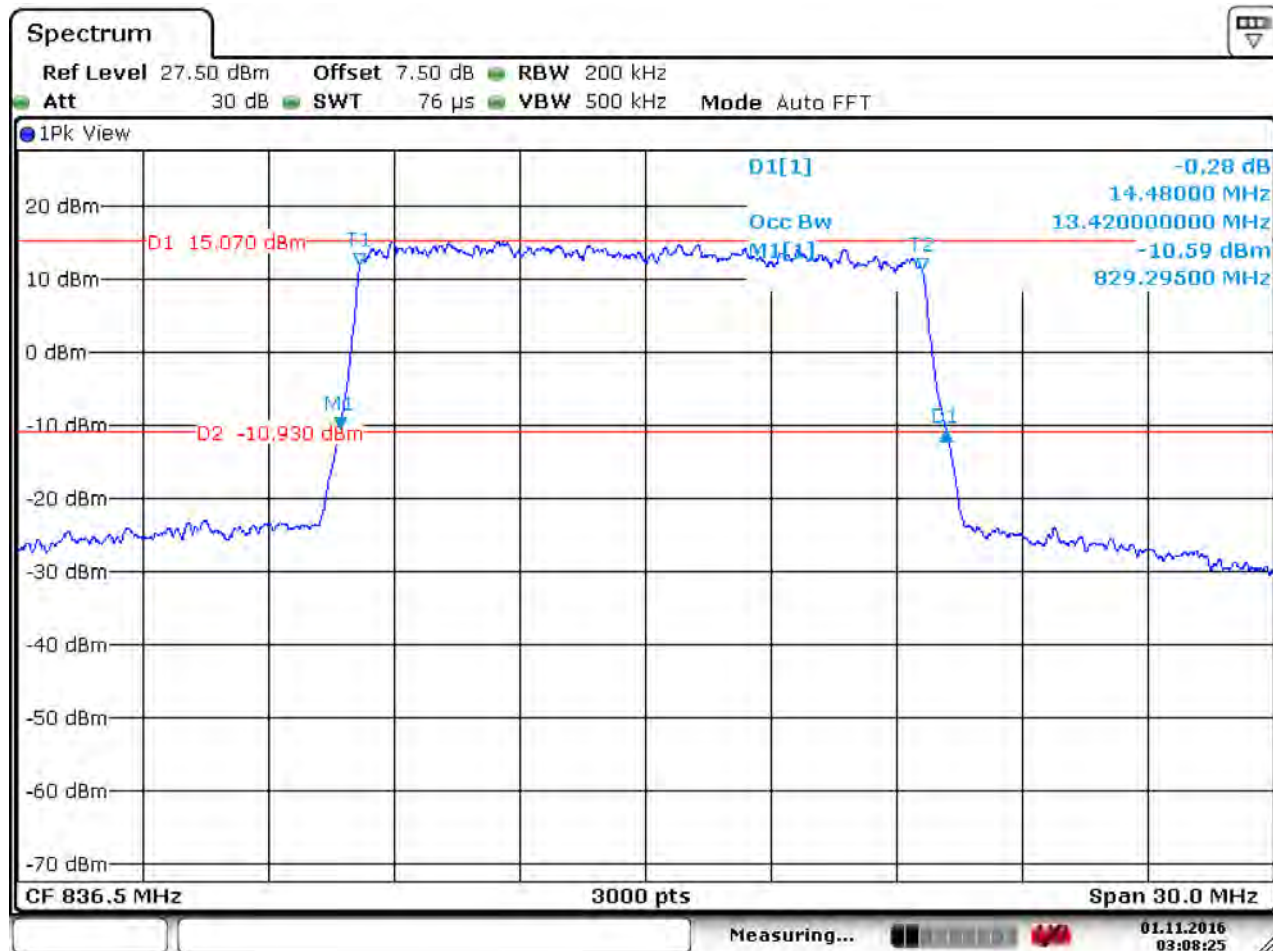
4.1.1.13.1 Test Channel = LCH



Date: 1.NOV.2016 03:14:38



4.1.1.13.2 Test Channel = MCH



Date: 1.NOV.2016 03:08:26



4.1.1.13.3 Test Channel = HCH

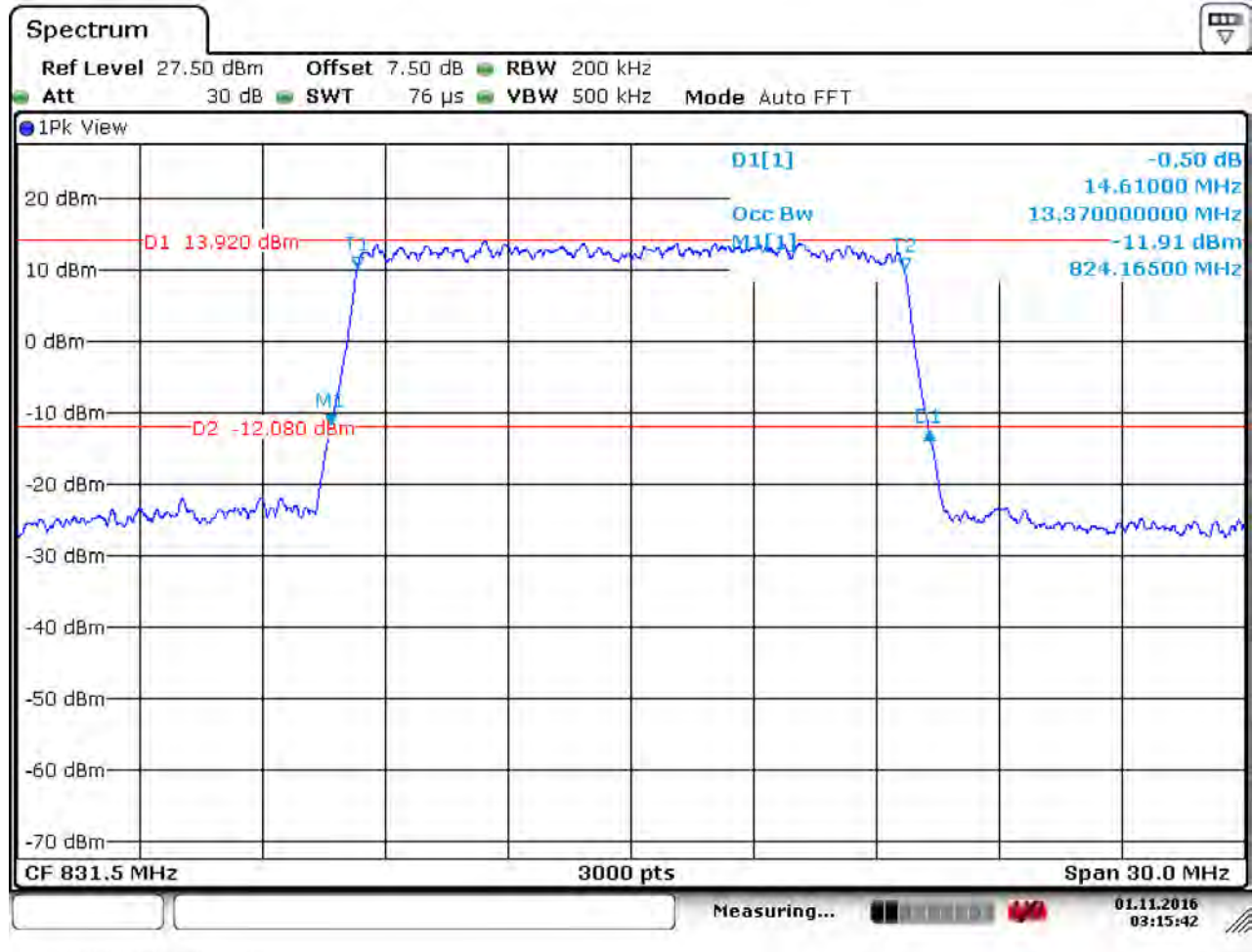


Date: 1.NOV.2016 03:12:43



4.1.1.14 Test Mode = LTE/TM2 15MHz

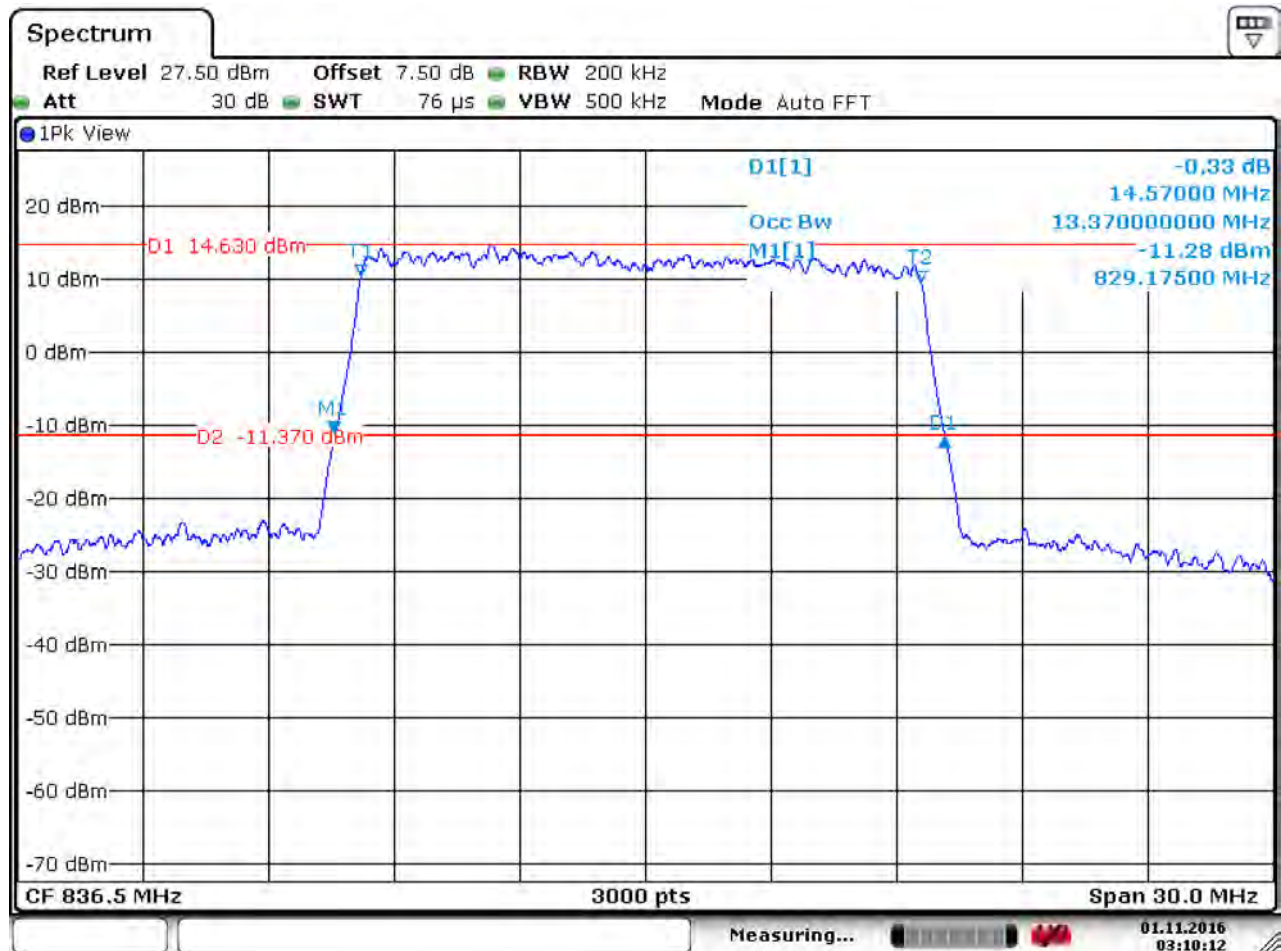
4.1.1.14.1 Test Channel = LCH



Date: 1.NOV.2016 03:15:42



4.1.1.14.2 Test Channel = MCH



Date: 1.NOV.2016 03:10:13

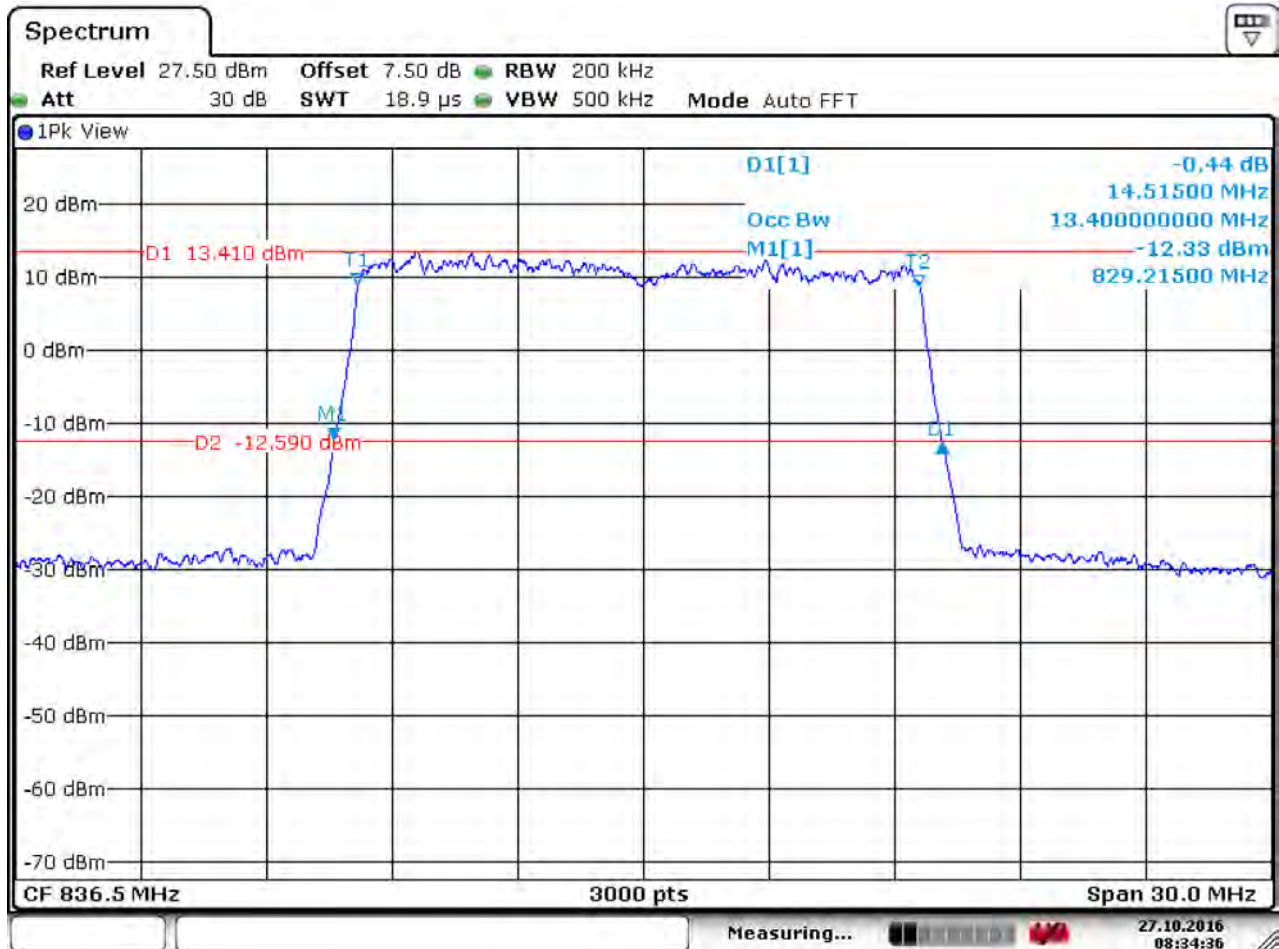


4.1.1.14.3 Test Channel = HCH



Date: 1.NOV.2016 03:11:41

4.1.1.15.2 Test Channel = MCH

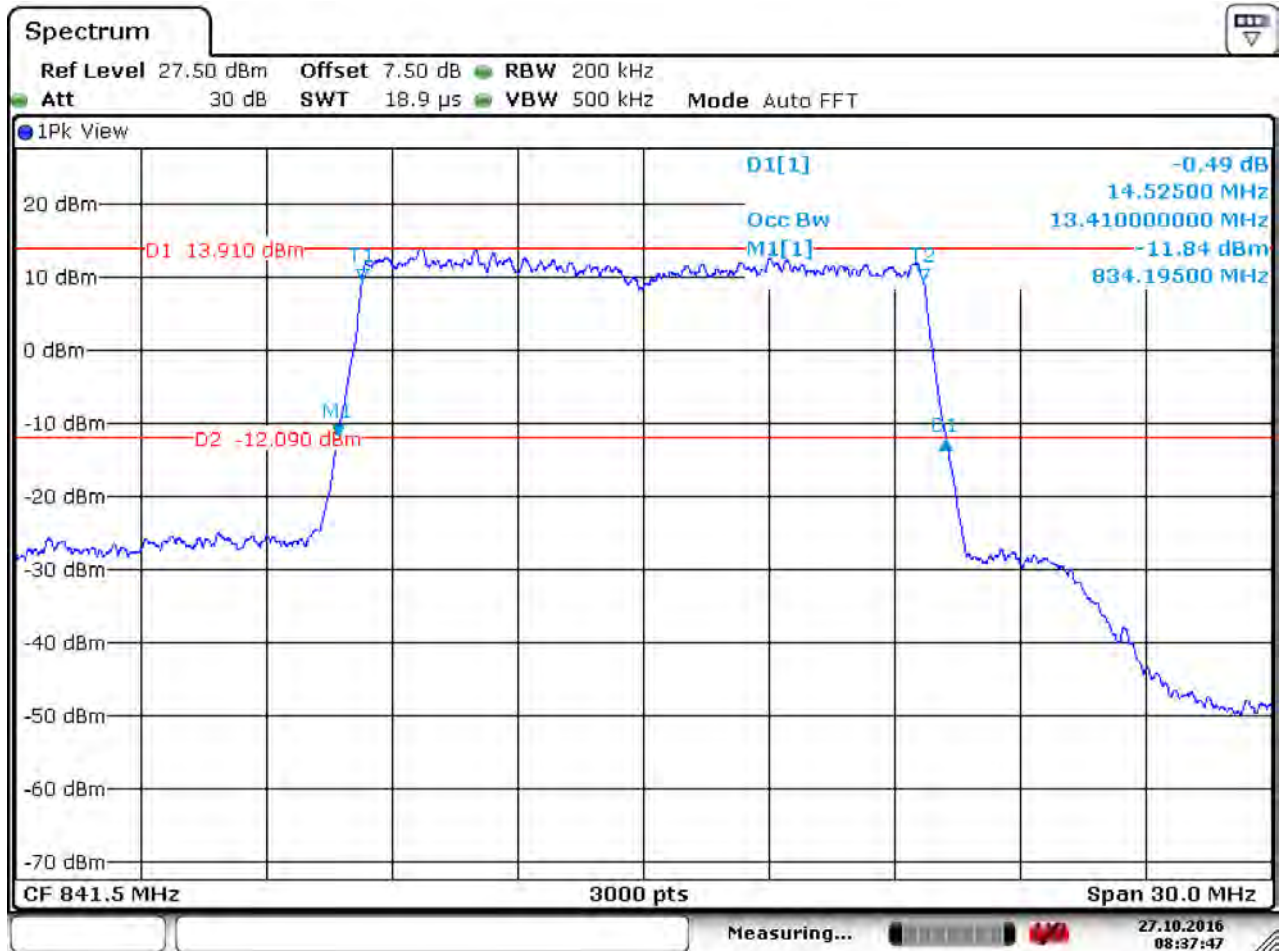


Date: 27.OCT.2016 08:34:36

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4.1.1.15.3 Test Channel = HCH



Date: 27.OCT.2016 08:37:47



5 Band Edges Compliance

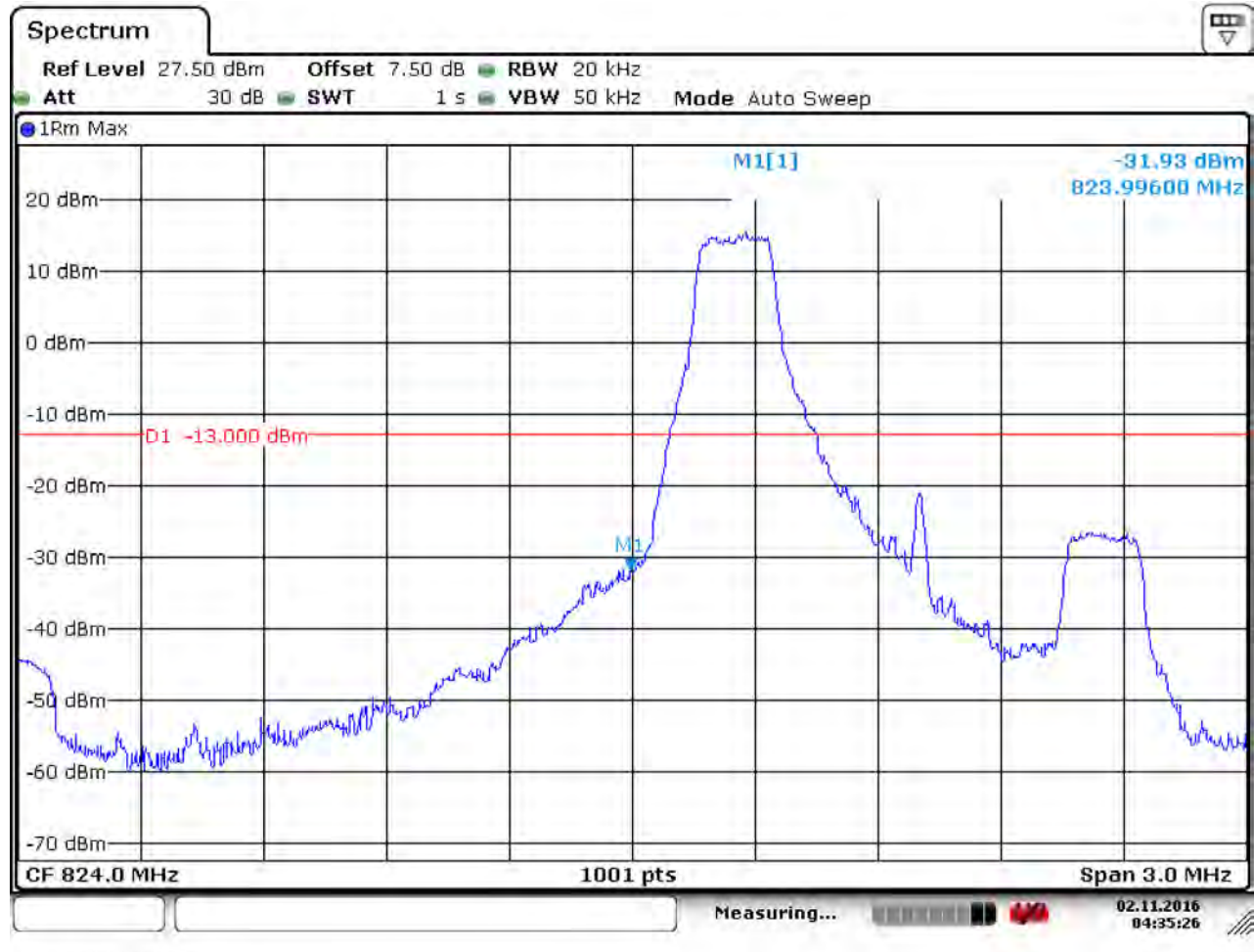
5.1 For LTE

5.1.1 Test Band = LTE band 26(824-849)

5.1.1.1 Test Mode = LTE/TM1 1.4MHz

5.1.1.1.1 Test Channel = LCH

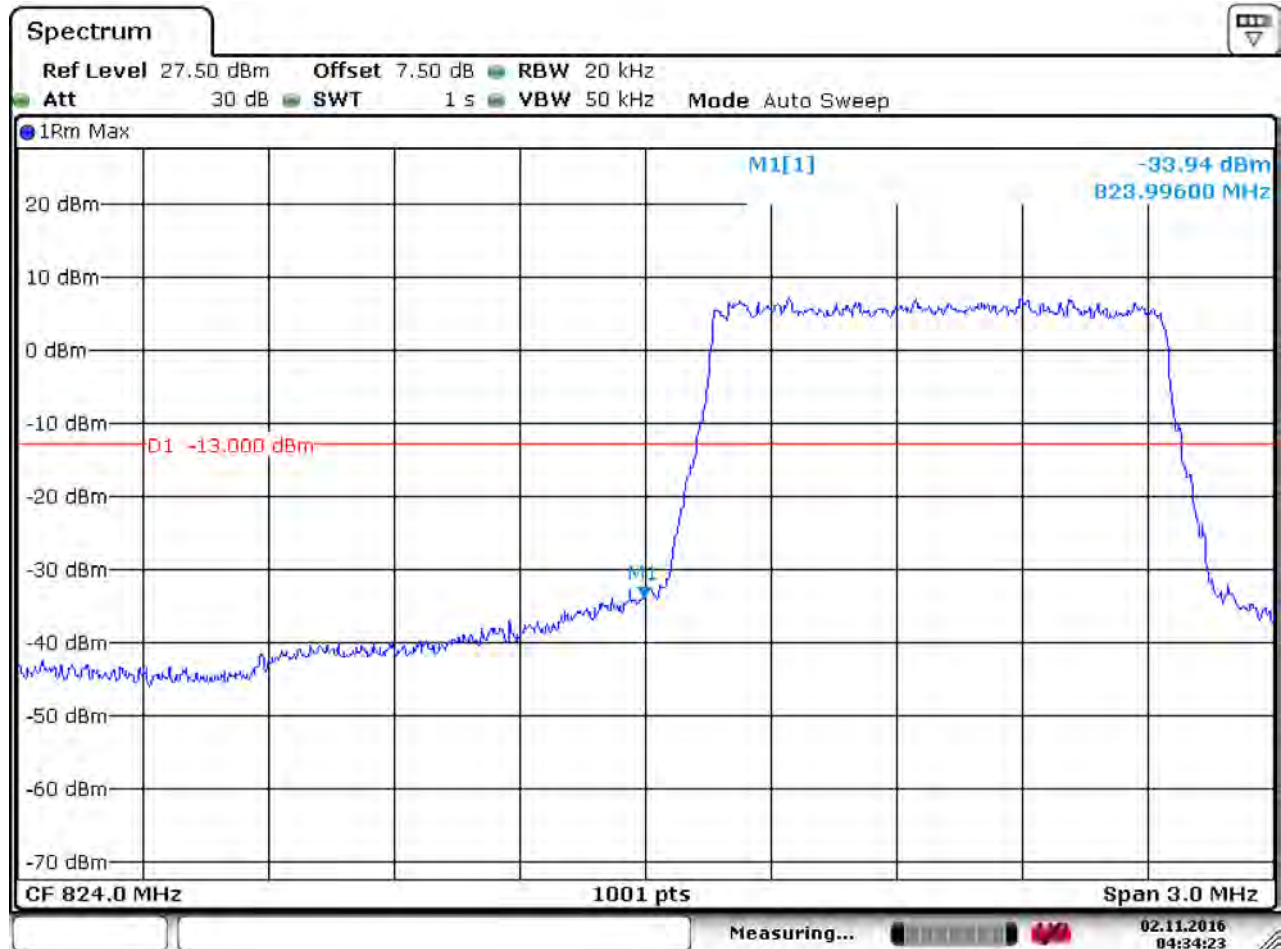
5.1.1.1.1.1 Test RB=1RB



Date: 2.NOV.2016 04:35:27



5.1.1.1.2 Test RB=6RB

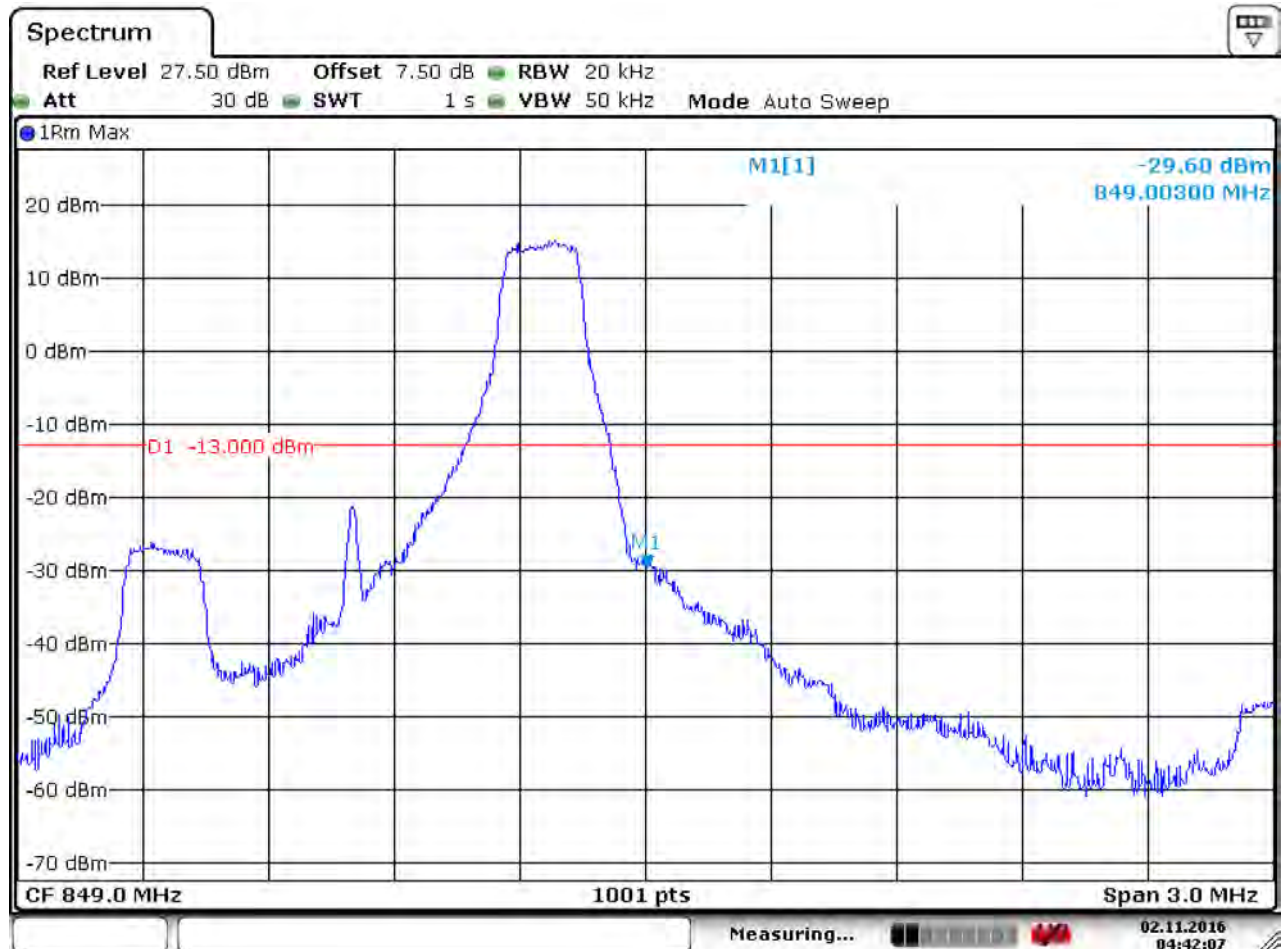


Date: 2.NOV.2016 04:34:23



5.1.1.1.2 Test Channel = HCH

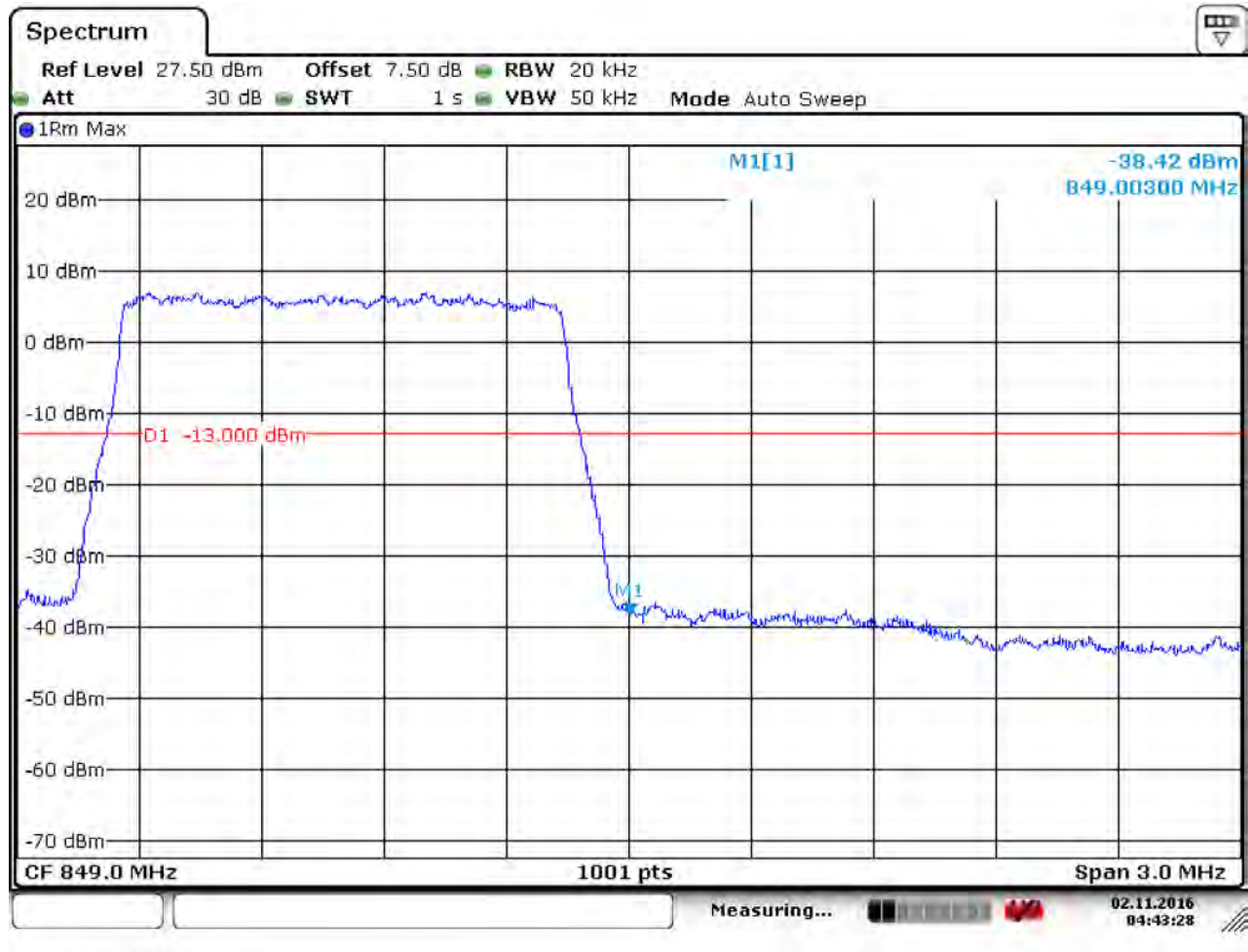
5.1.1.1.2.1 Test RB=1RB



Date: 2.NOV.2016 04:42:07



5.1.1.1.2.2 Test RB=6RB



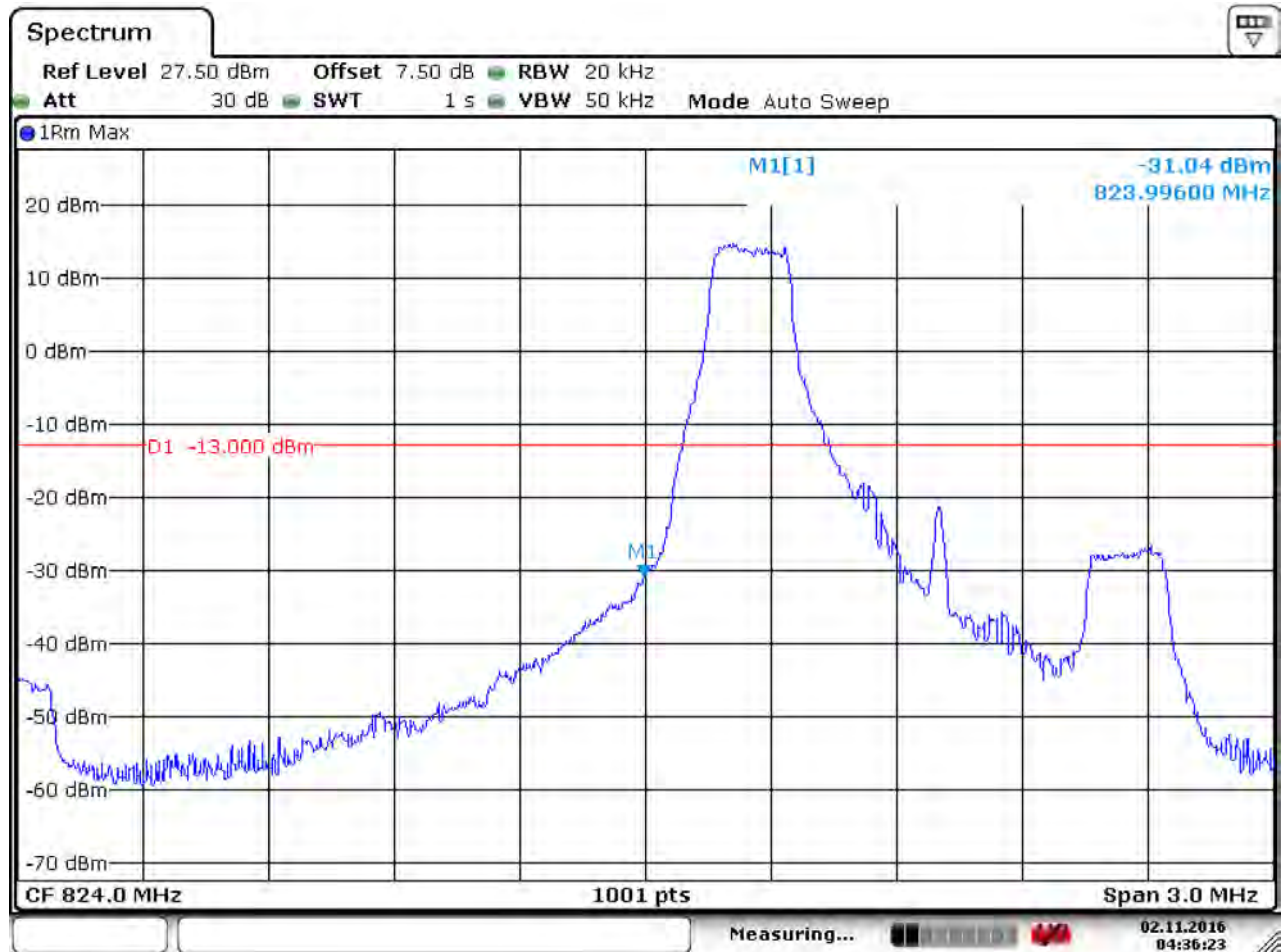
Date: 2.NOV.2016 04:43:29



5.1.1.2 Test Mode = LTE/TM2 1.4MHz

5.1.1.2.1 Test Channel = LCH

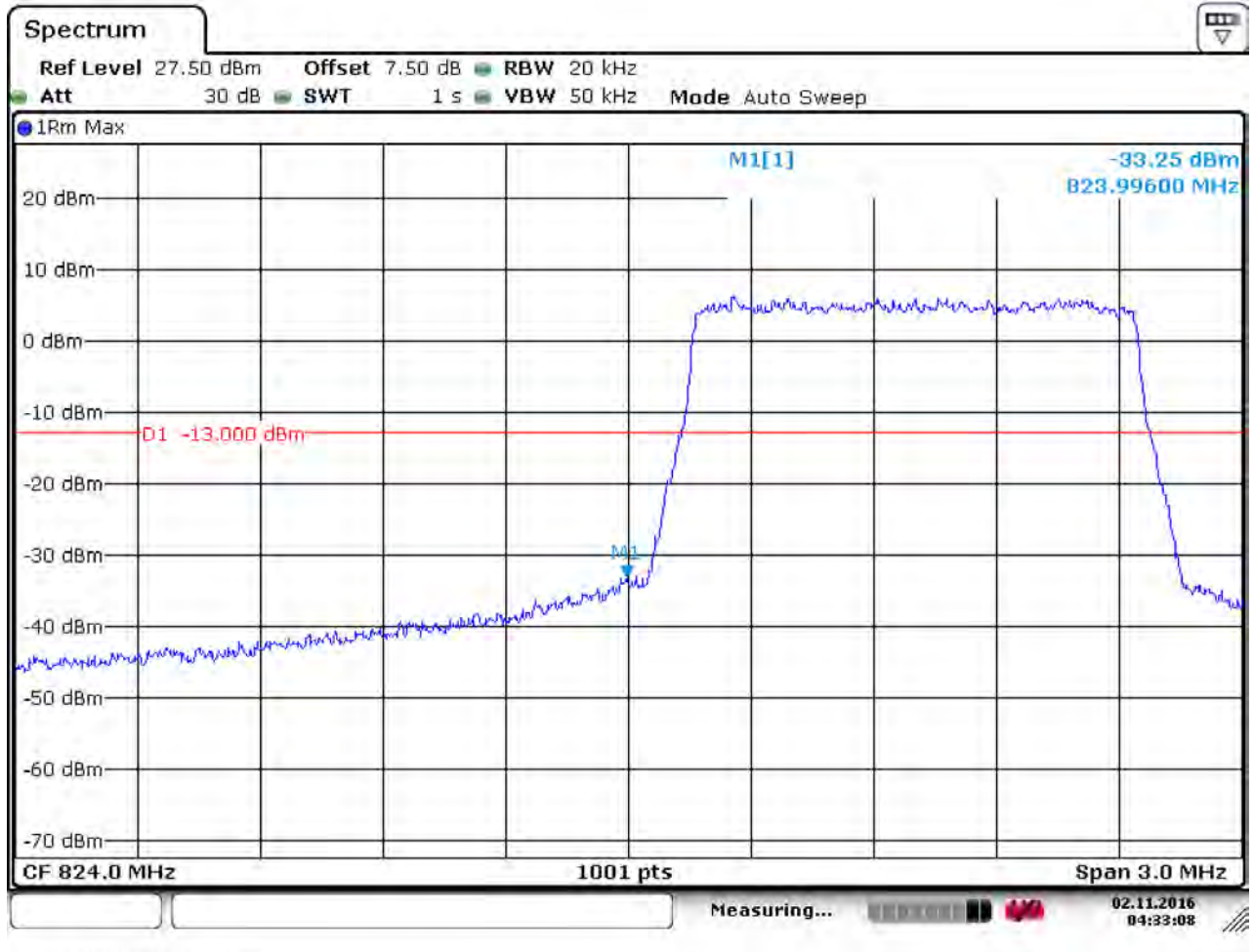
5.1.1.2.1.1 Test RB=1RB



Date: 2.NOV.2016 04:36:24



5.1.1.2.1.2 Test RB=6RB

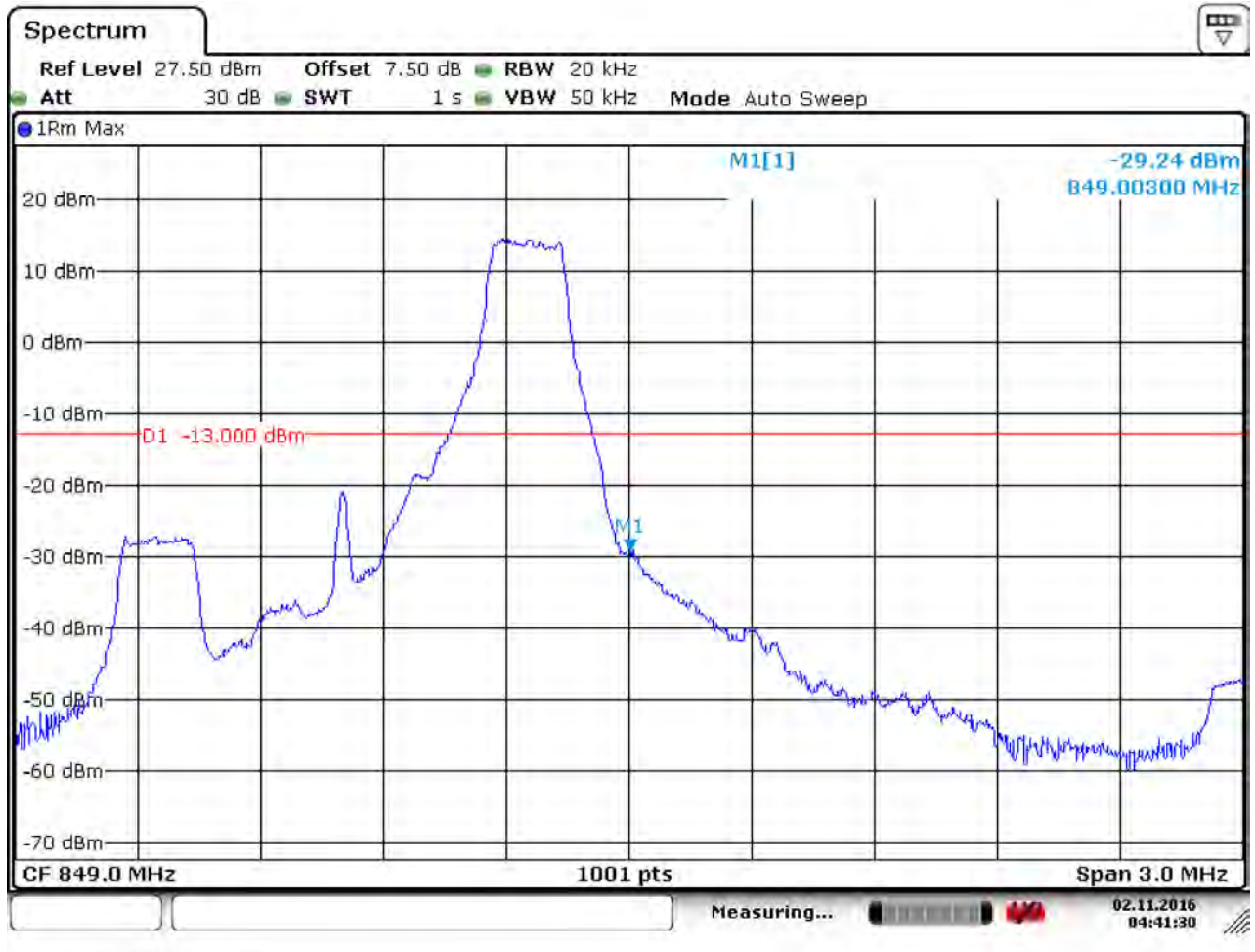


Date: 2.NOV.2016 04:33:08



5.1.1.2.2 Test Channel = HCH

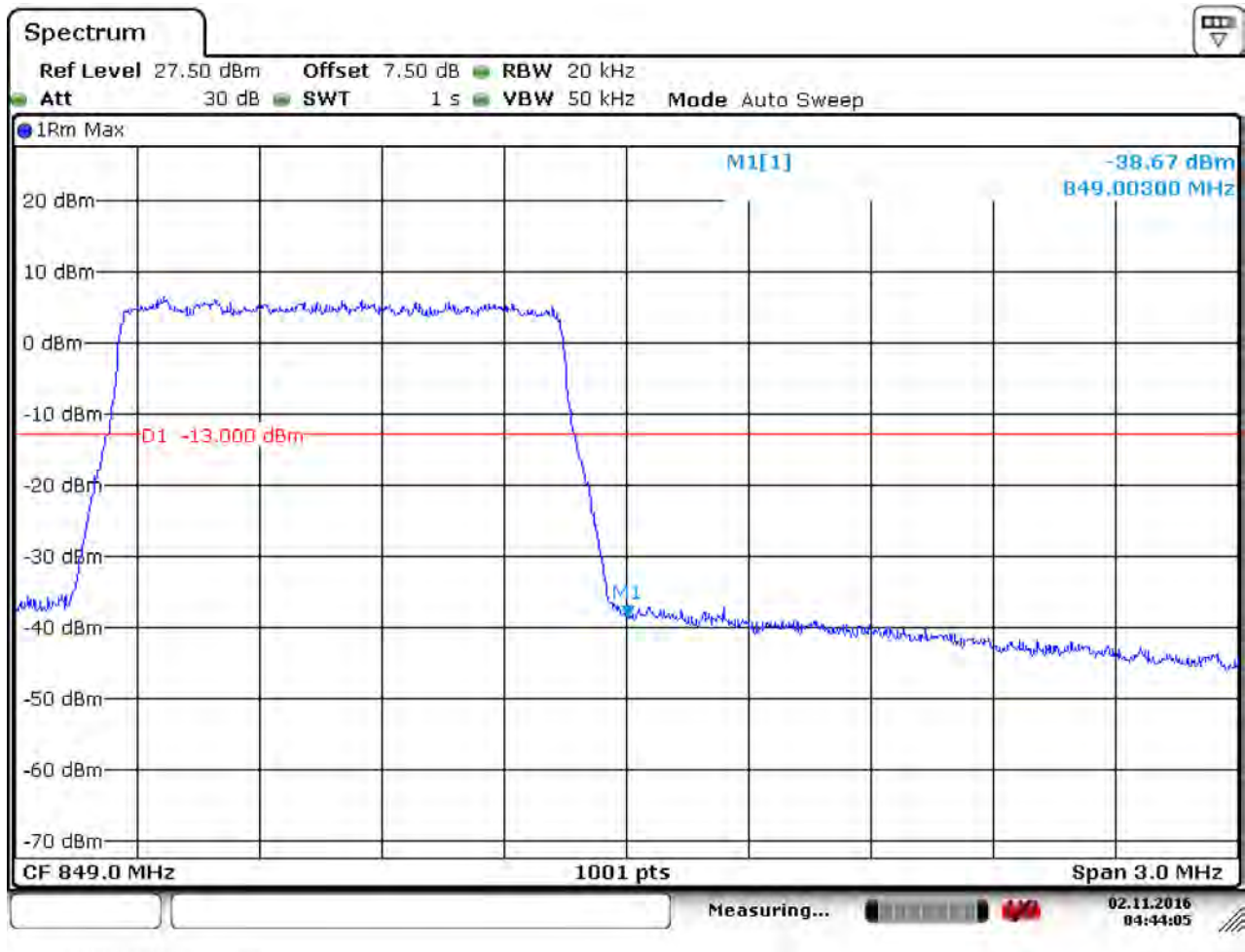
5.1.1.2.2.1 Test RB=1RB



Date: 2.NOV.2016 04:41:30



5.1.1.2.2.2 Test RB=6RB



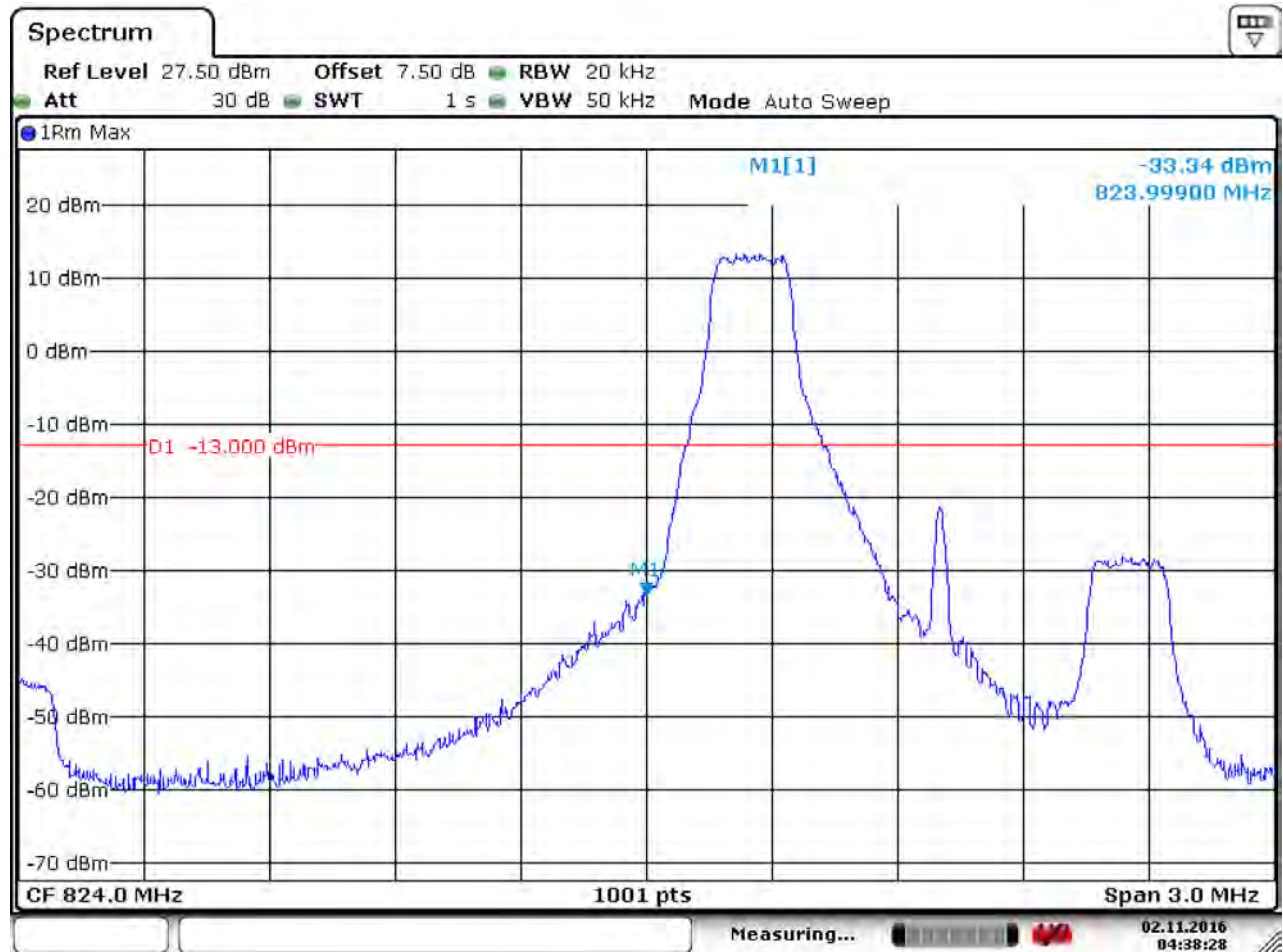
Date: 2.NOV.2016 04:44:05



5.1.1.3 Test Mode = LTE/TM3 1.4MHz

5.1.1.3.1 Test Channel = LCH

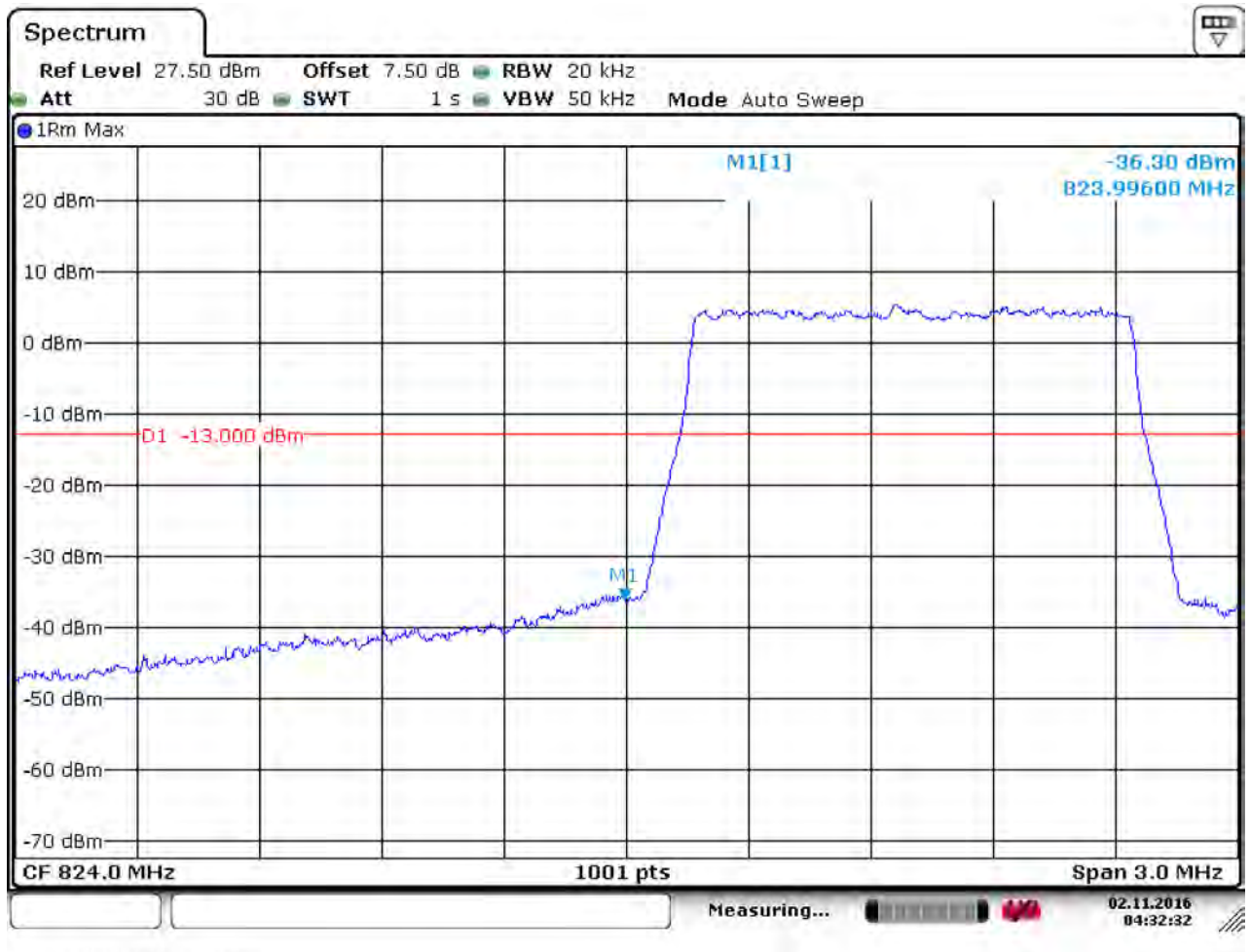
5.1.1.3.1.1 Test RB=1RB



Date: 2.NOV.2016 04:38:28



5.1.1.3.1.2 Test RB=6RB

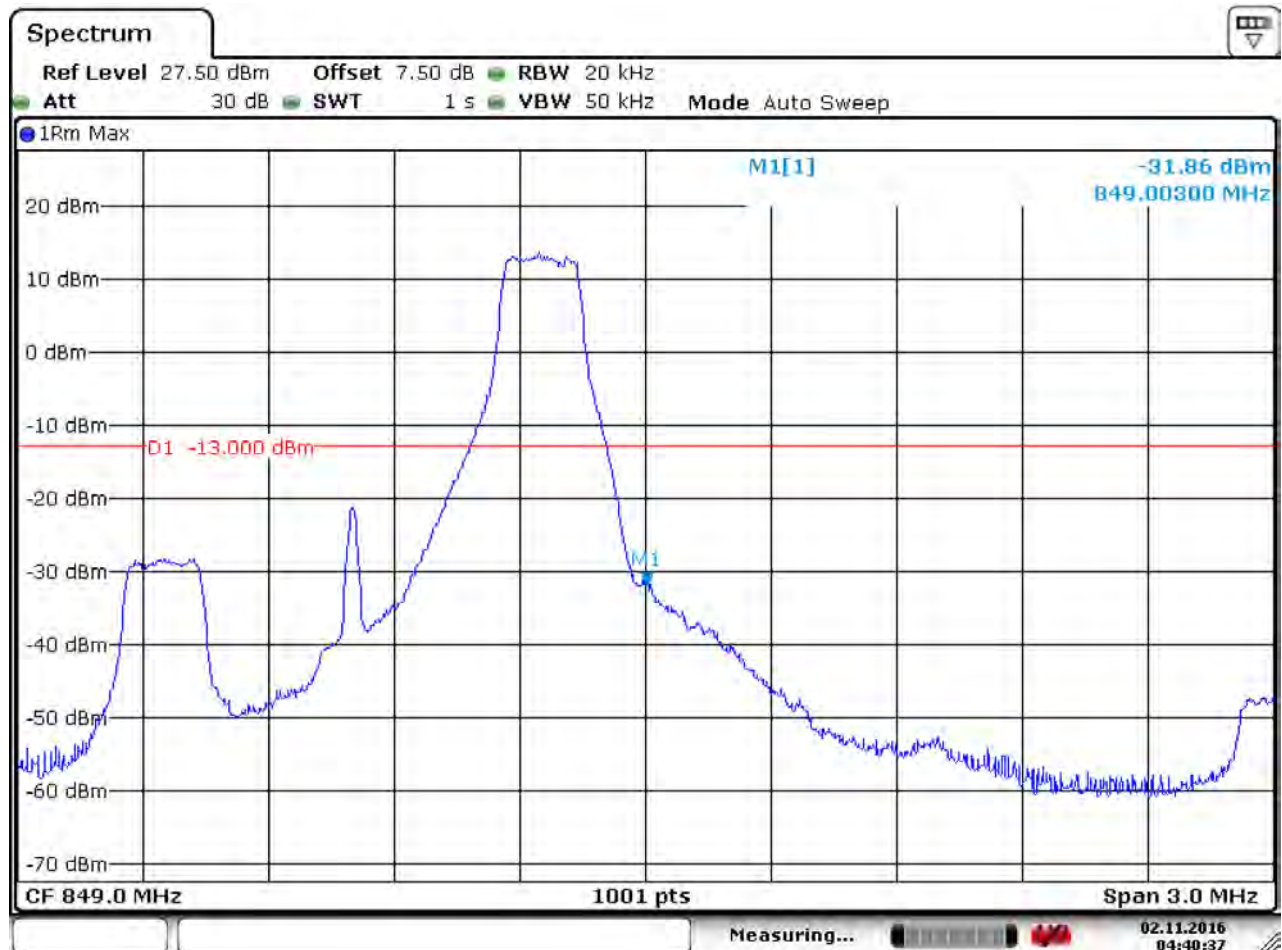


Date: 2.NOV.2016 04:32:32



5.1.1.3.2 Test Channel = HCH

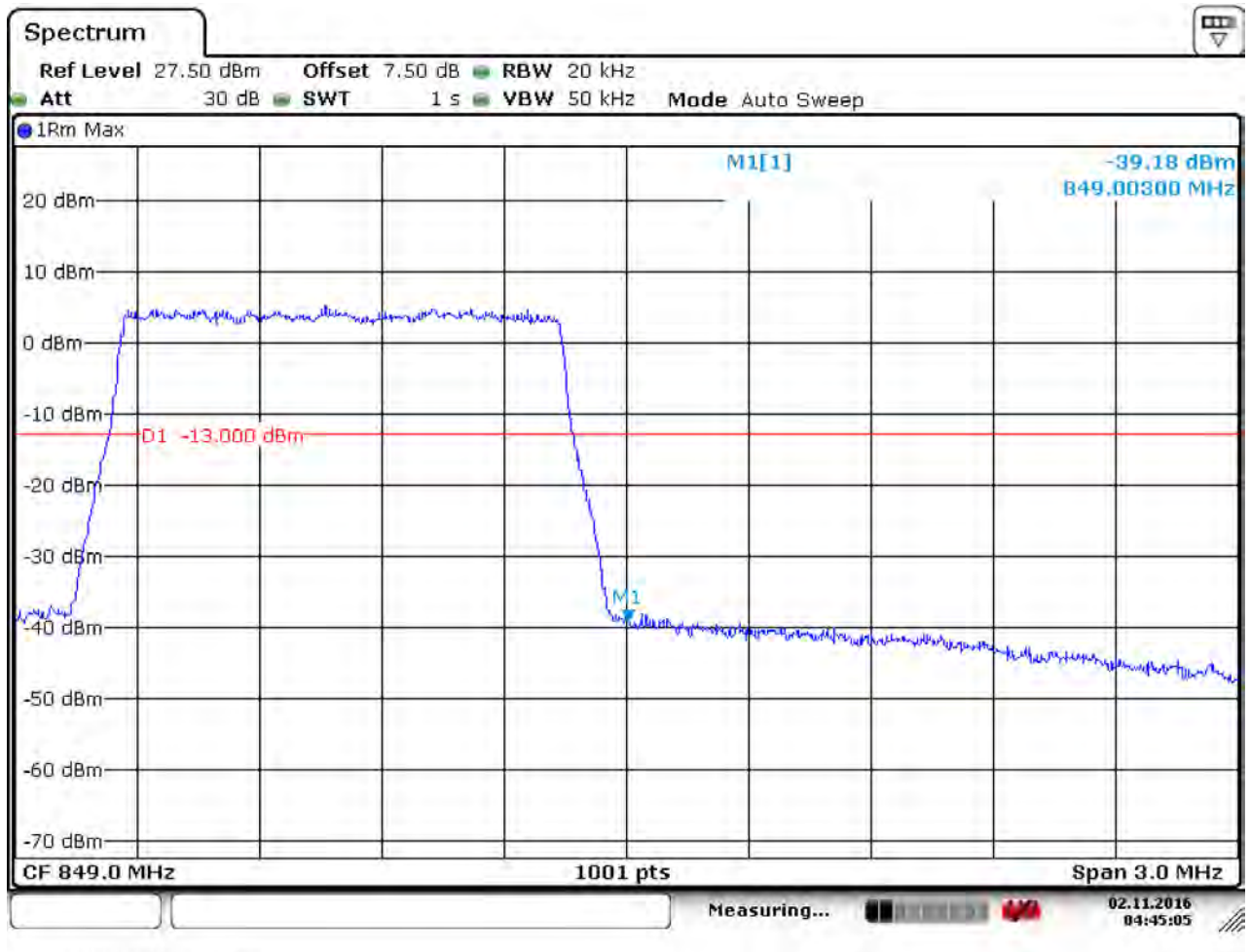
5.1.1.3.2.1 Test RB=1RB



Date: 2.NOV.2016 04:40:38



5.1.1.3.2.2 Test RB=6RB



Date: 2.NOV.2016 04:45:05



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: 8.NOV.2016 03:18:23



5.1.1.4.1.2 Test RB=15RB

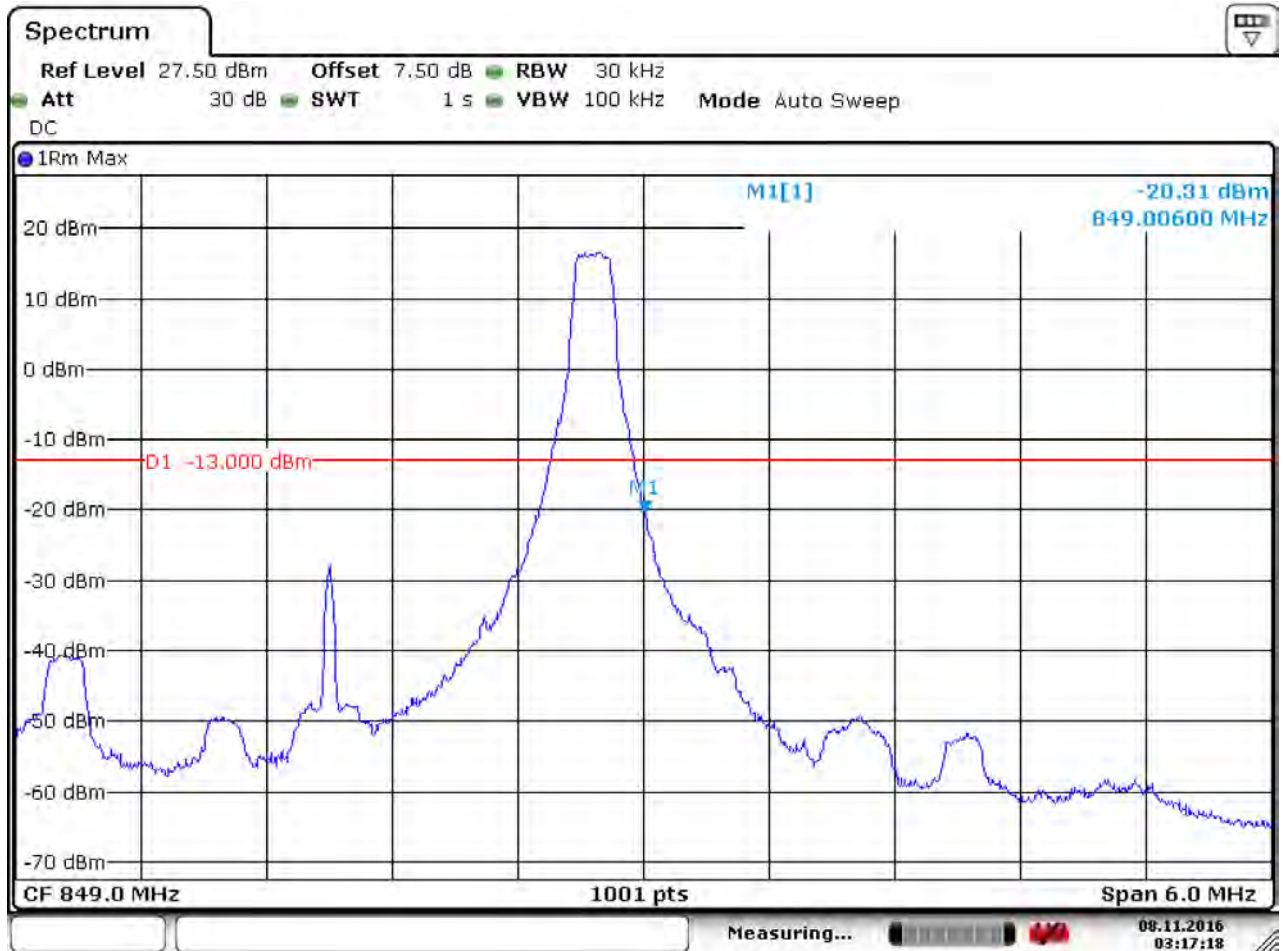


Date: 8.NOV.2016 03:20:31



5.1.1.4.2 Test Channel = HCH

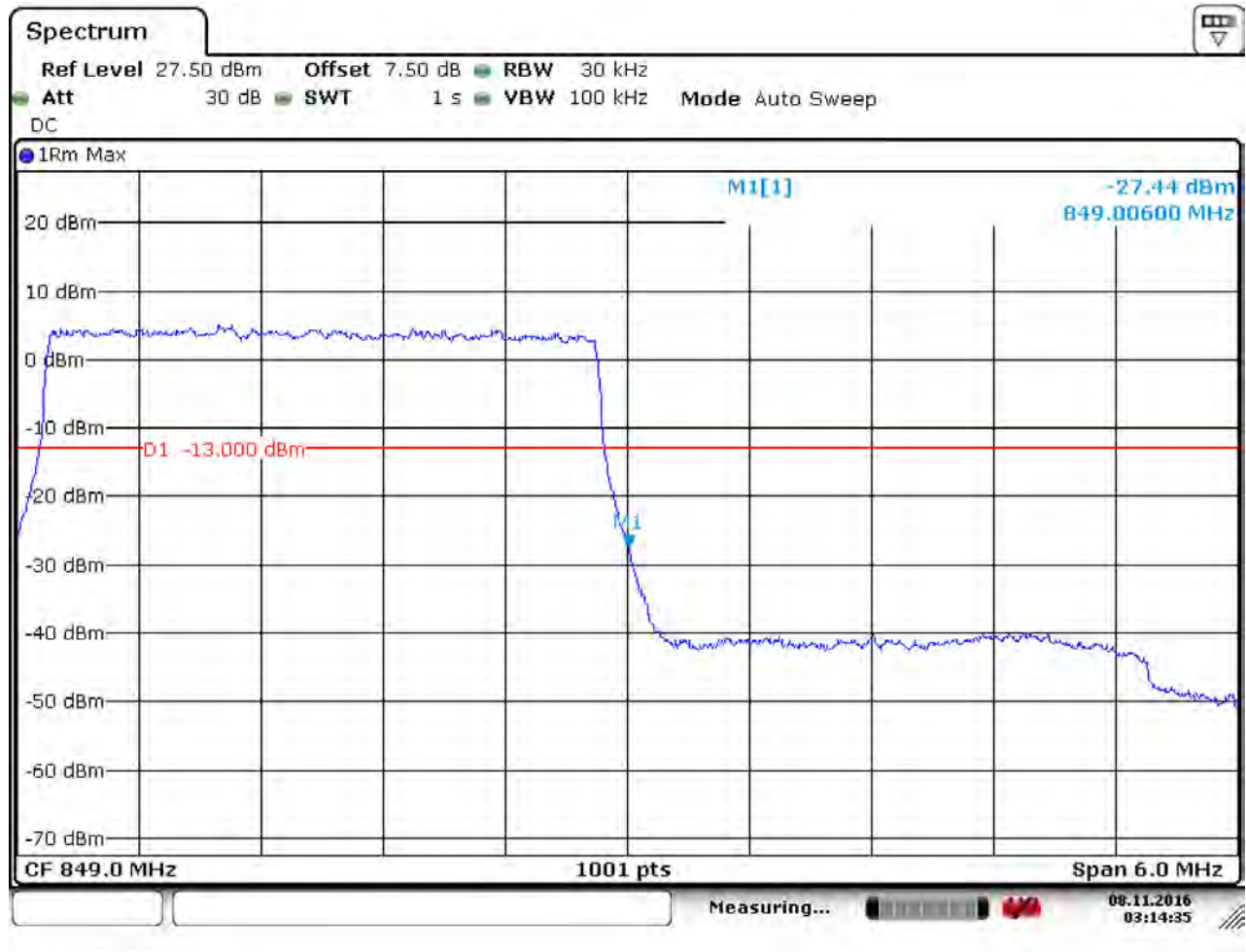
5.1.1.4.2.1 Test RB=1RB



Date: 8.NOV.2016 03:17:18



5.1.1.4.2.2 Test RB=15RB



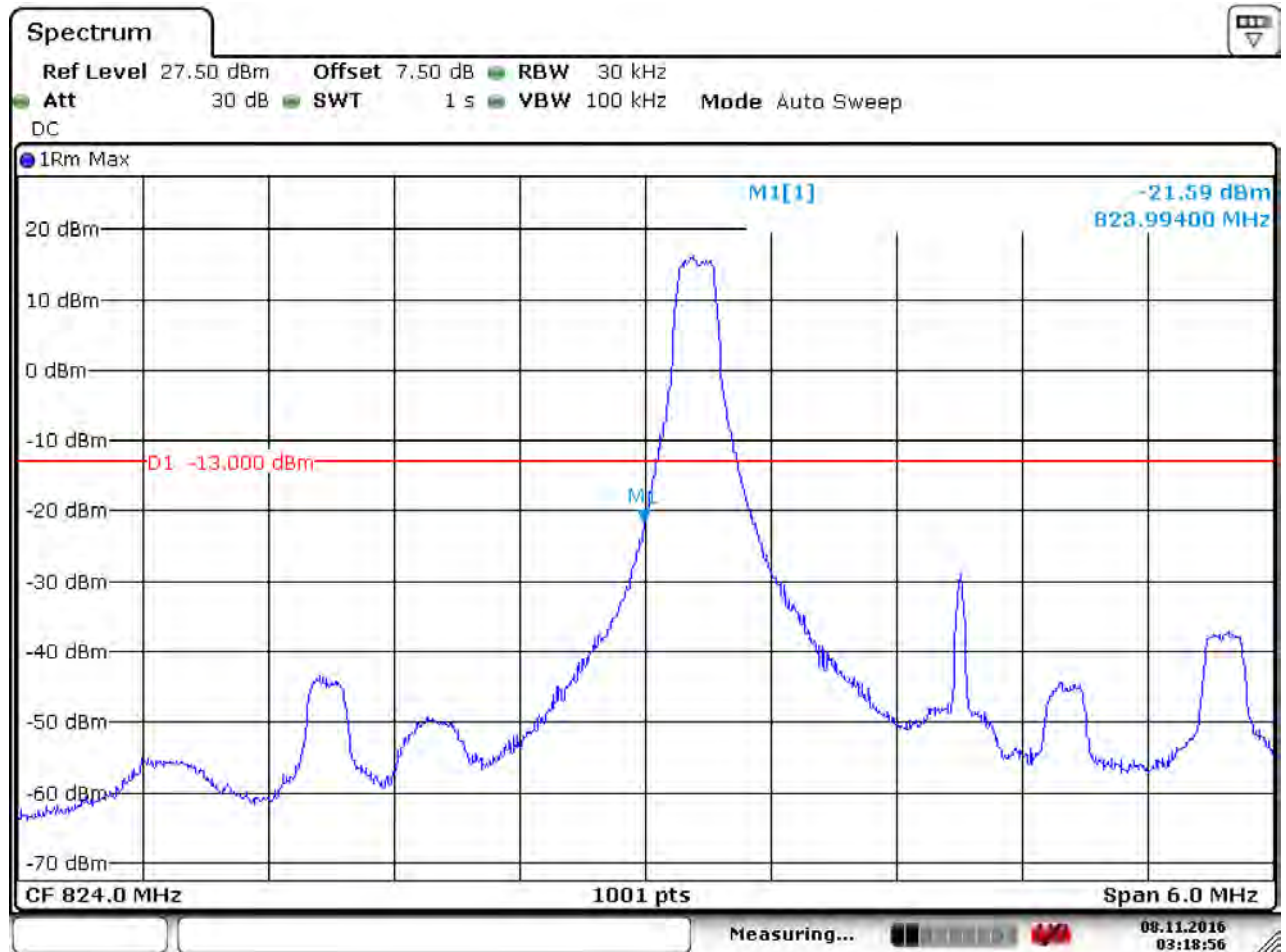
Date: 8.NOV.2016 03:14:36



5.1.1.5 Test Mode = LTE/TM2 3MHz

5.1.1.5.1 Test Channel = LCH

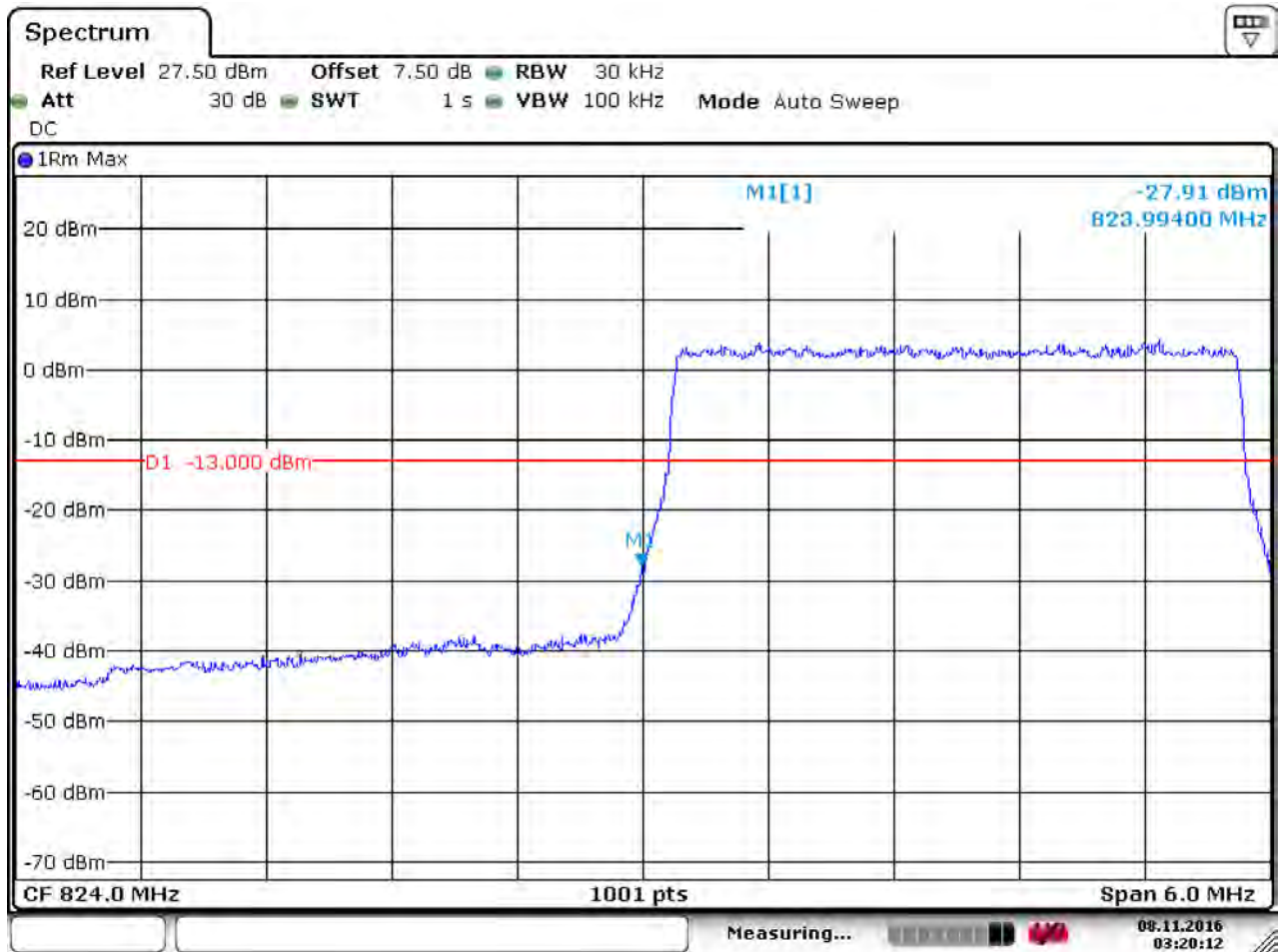
5.1.1.5.1.1 Test RB=1RB



Date: 8.NOV.2016 03:18:56



5.1.1.5.1.2 Test RB=15RB

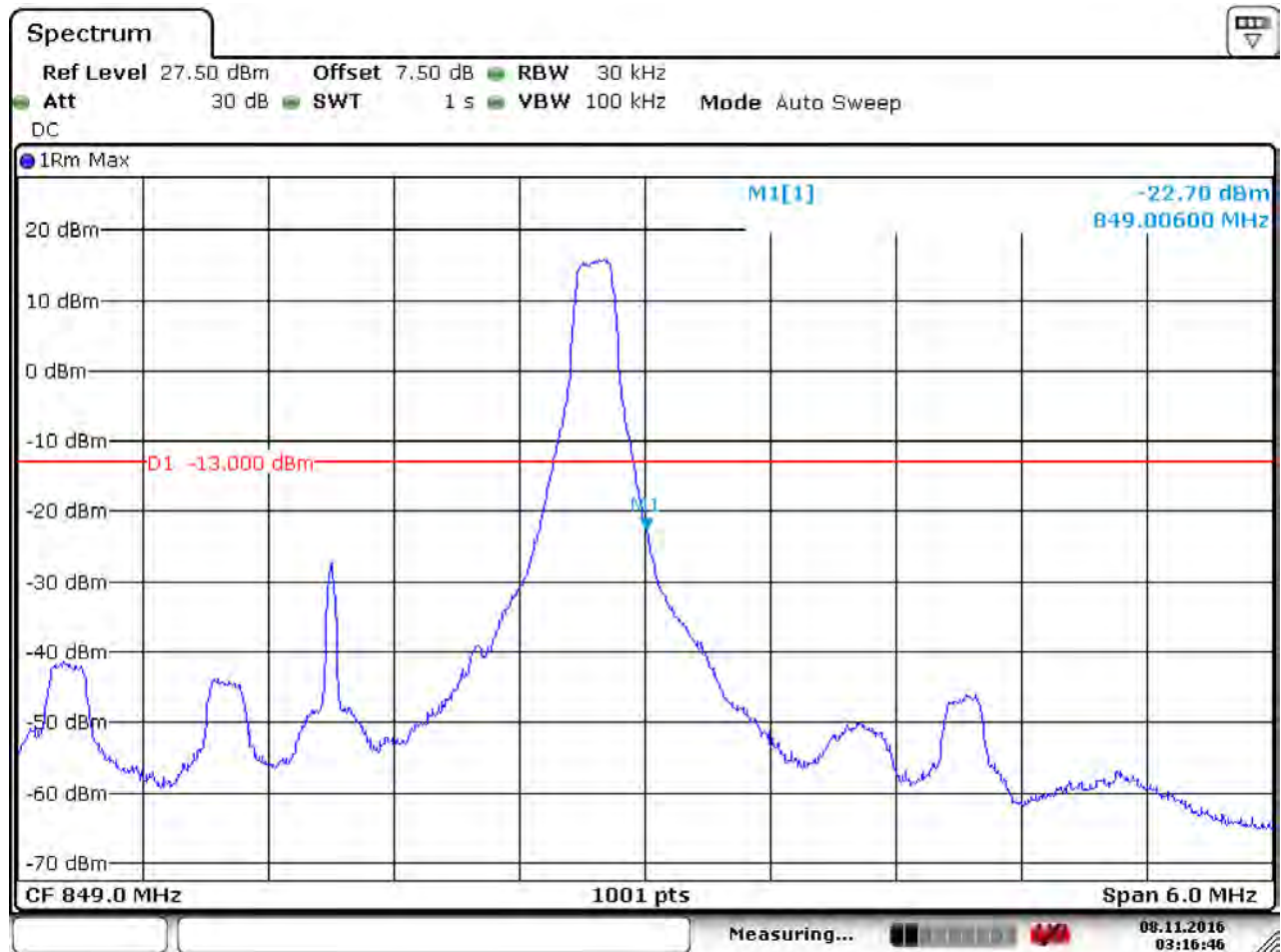


Date: 8.NOV.2016 03:20:12



5.1.1.5.2 Test Channel = HCH

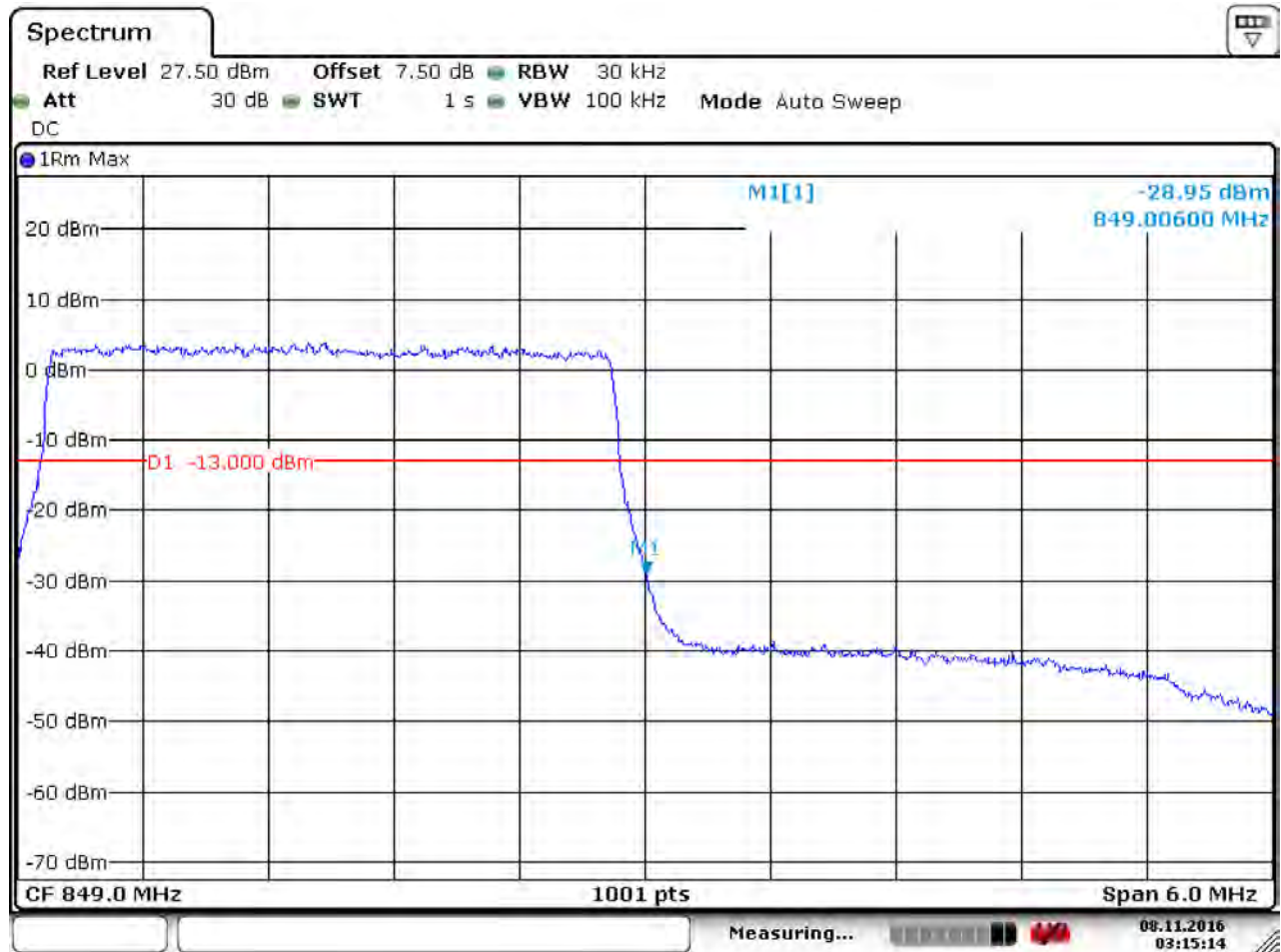
5.1.1.5.2.1 Test RB=1RB



Date: 8.NOV.2016 03:16:47



5.1.1.5.3 Test RB=15RB



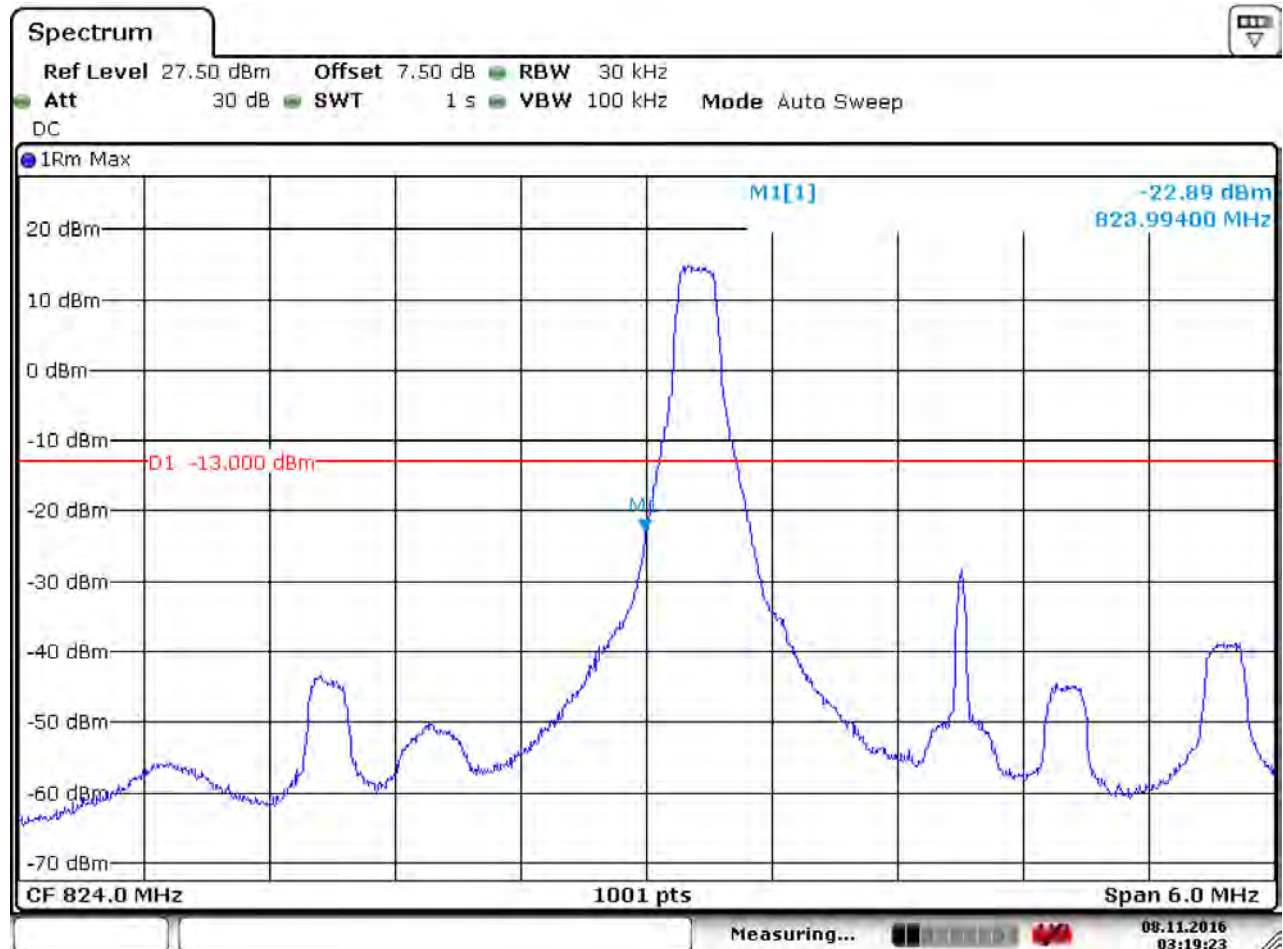
Date: 8.NOV.2016 03:15:15



5.1.1.6 Test Mode = LTE/TM3 3MHz

5.1.1.6.1 Test Channel = LCH

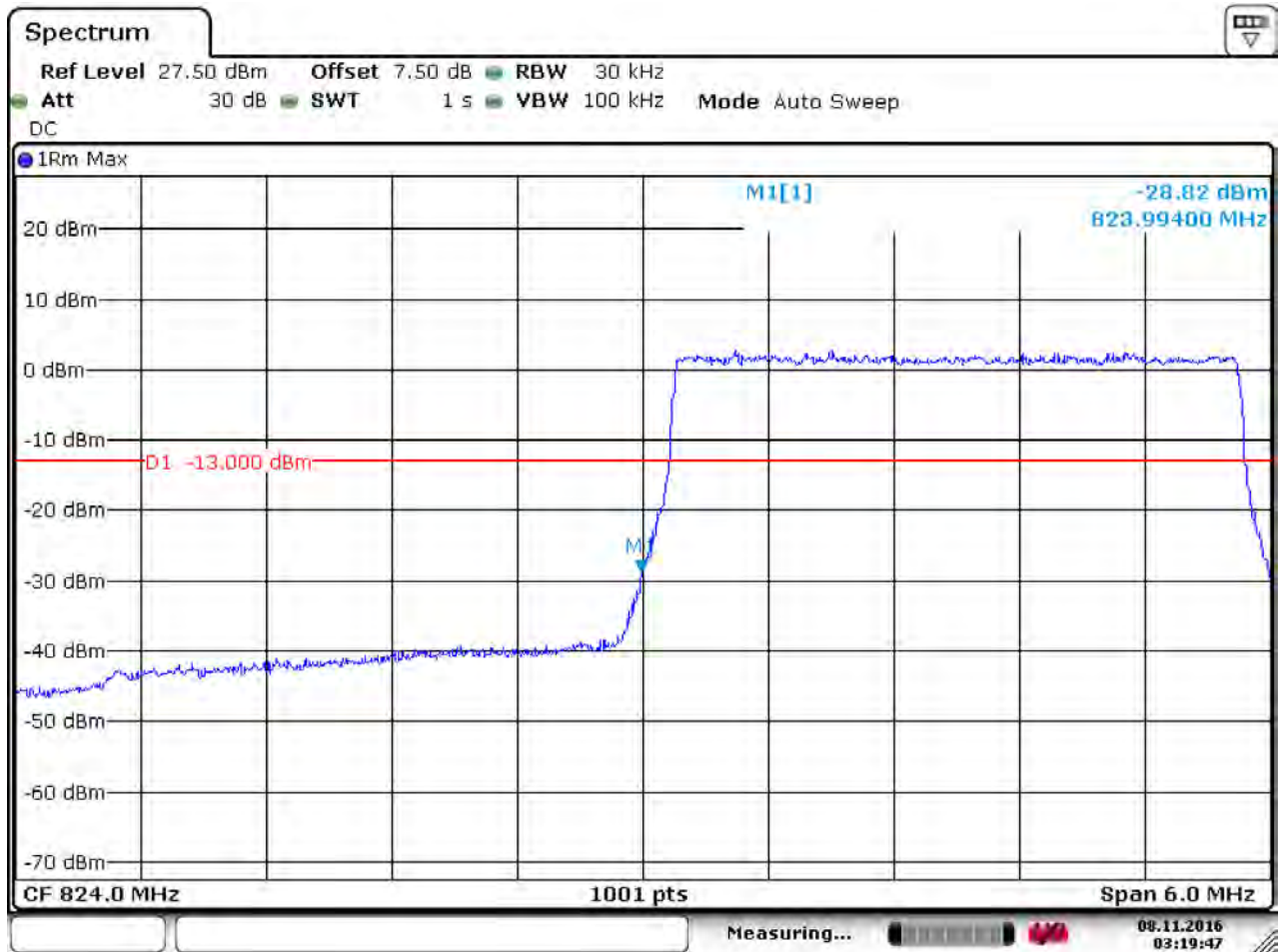
5.1.1.6.2 Test RB=1RB



Date: 8.NOV.2016 03:19:23



5.1.1.6.2.1 Test RB=15RB

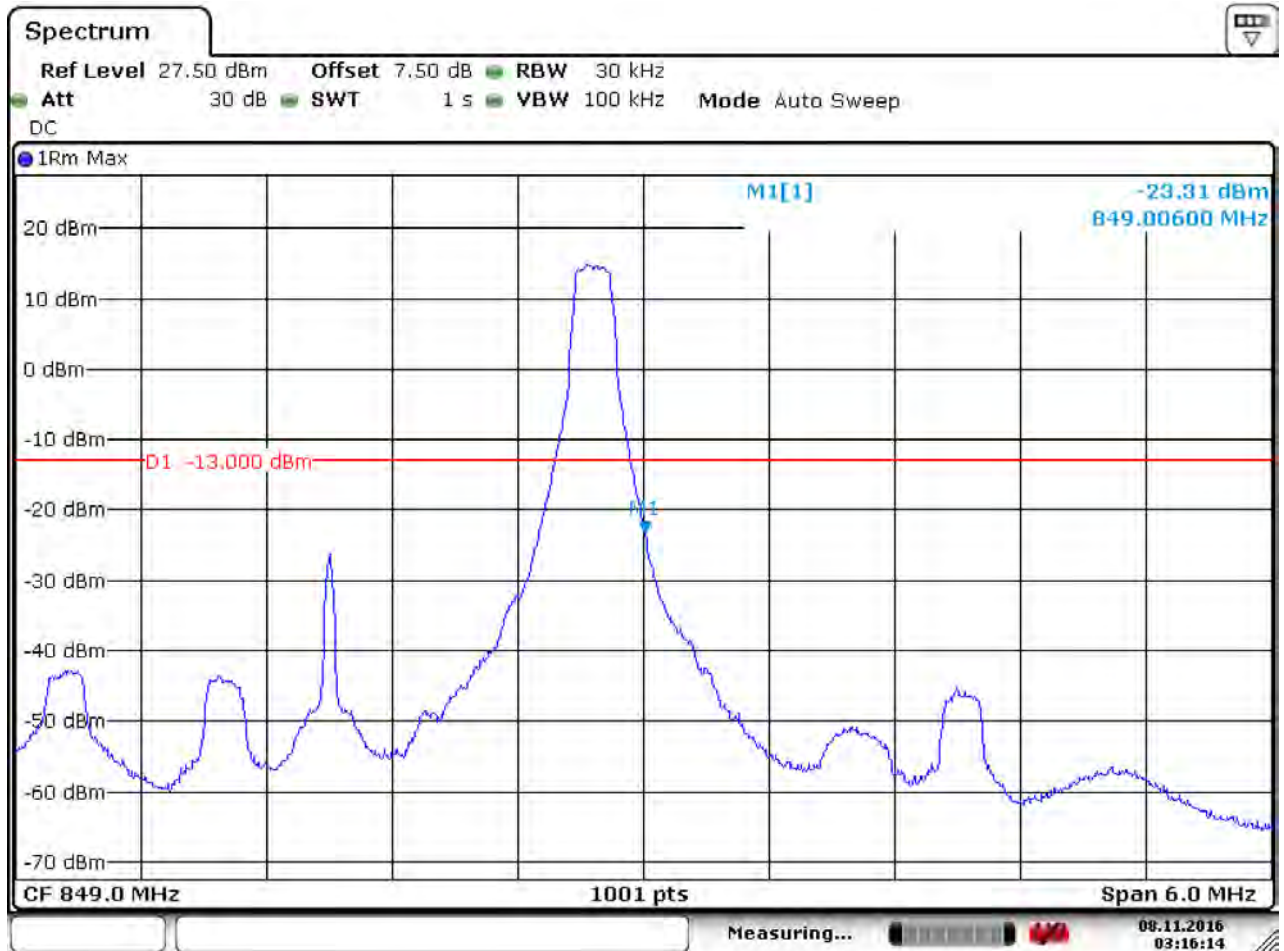


Date: 8.NOV.2016 03:19:47



5.1.1.6.3 Test Channel = HCH

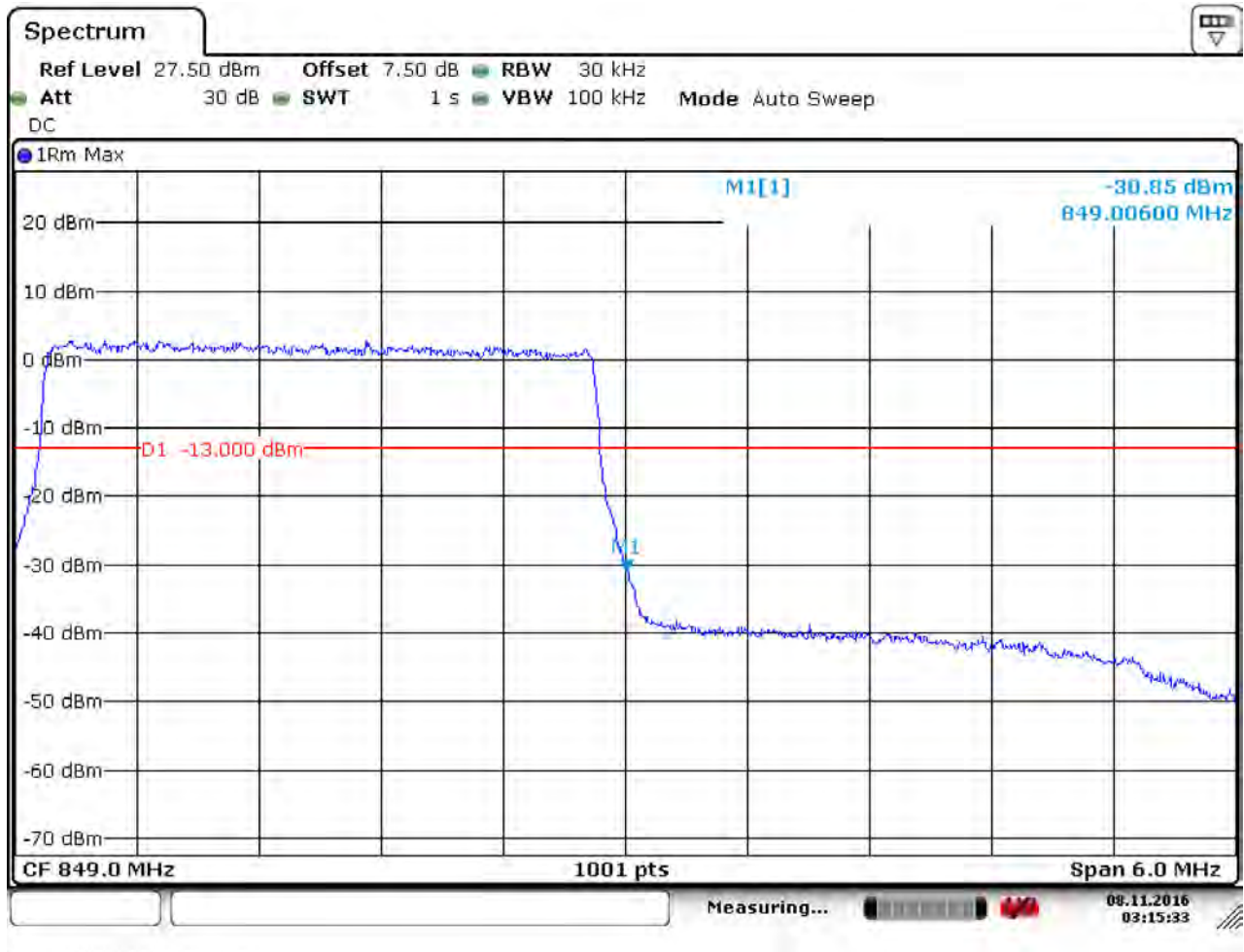
5.1.1.6.3.1 Test RB=1RB



Date: 8.NOV.2016 03:16:14



5.1.1.6.3.2 Test RB=15RB



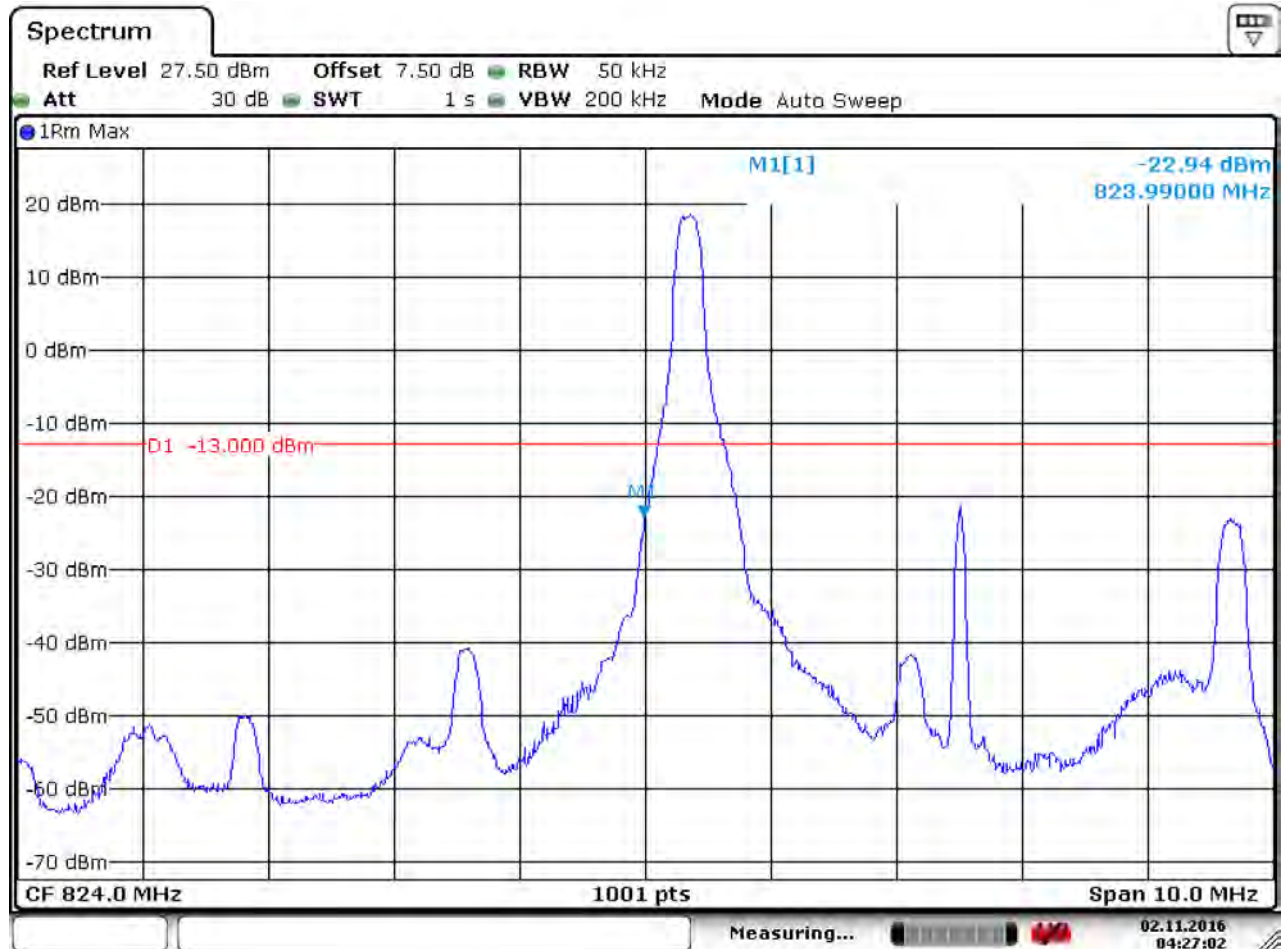
Date: 8.NOV.2016 03:15:34



5.1.1.7 Test Mode = LTE/TM1 5MHz

5.1.1.7.1 Test Channel = LCH

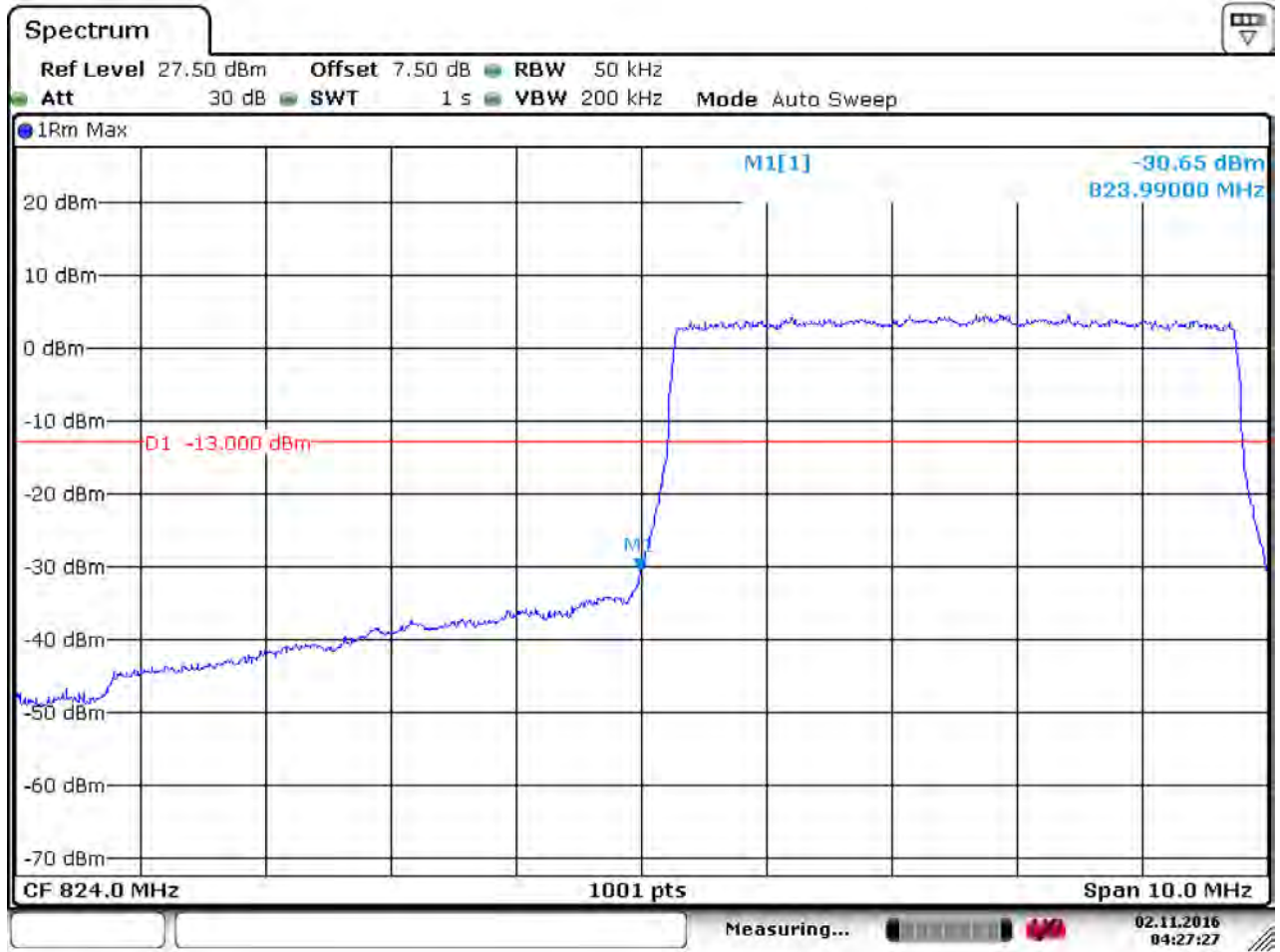
5.1.1.7.1.1 Test RB=1RB



Date: 2.NOV.2016 04:27:03



5.1.1.7.1.2 Test RB=25RB

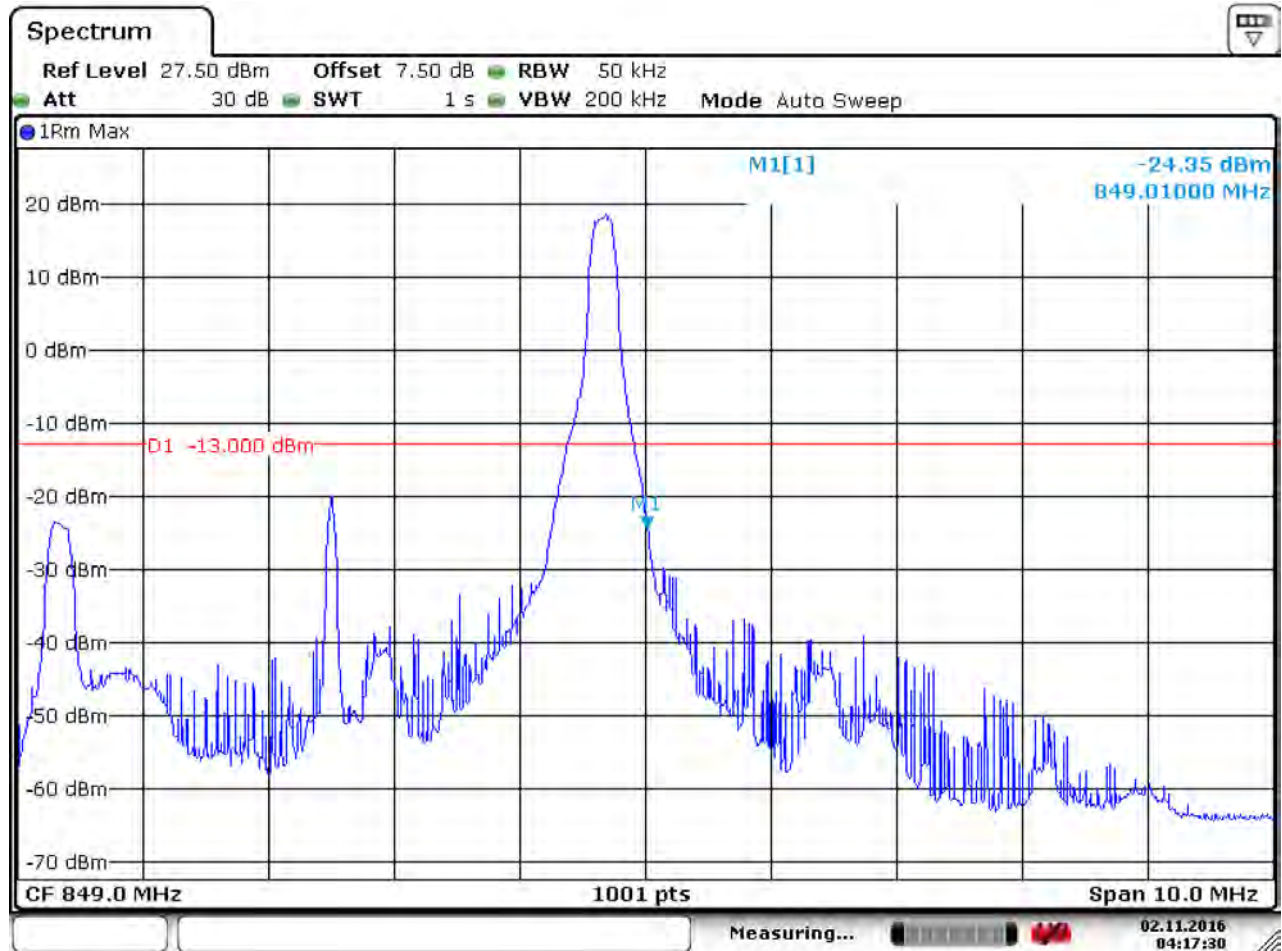


Date: 2.NOV.2016 04:27:28



5.1.1.7.2 Test Channel = HCH

5.1.1.7.2.1 Test RB=1RB



Date: 2.NOV.2016 04:17:31



5.1.1.7.2.2 Test RB=25RB



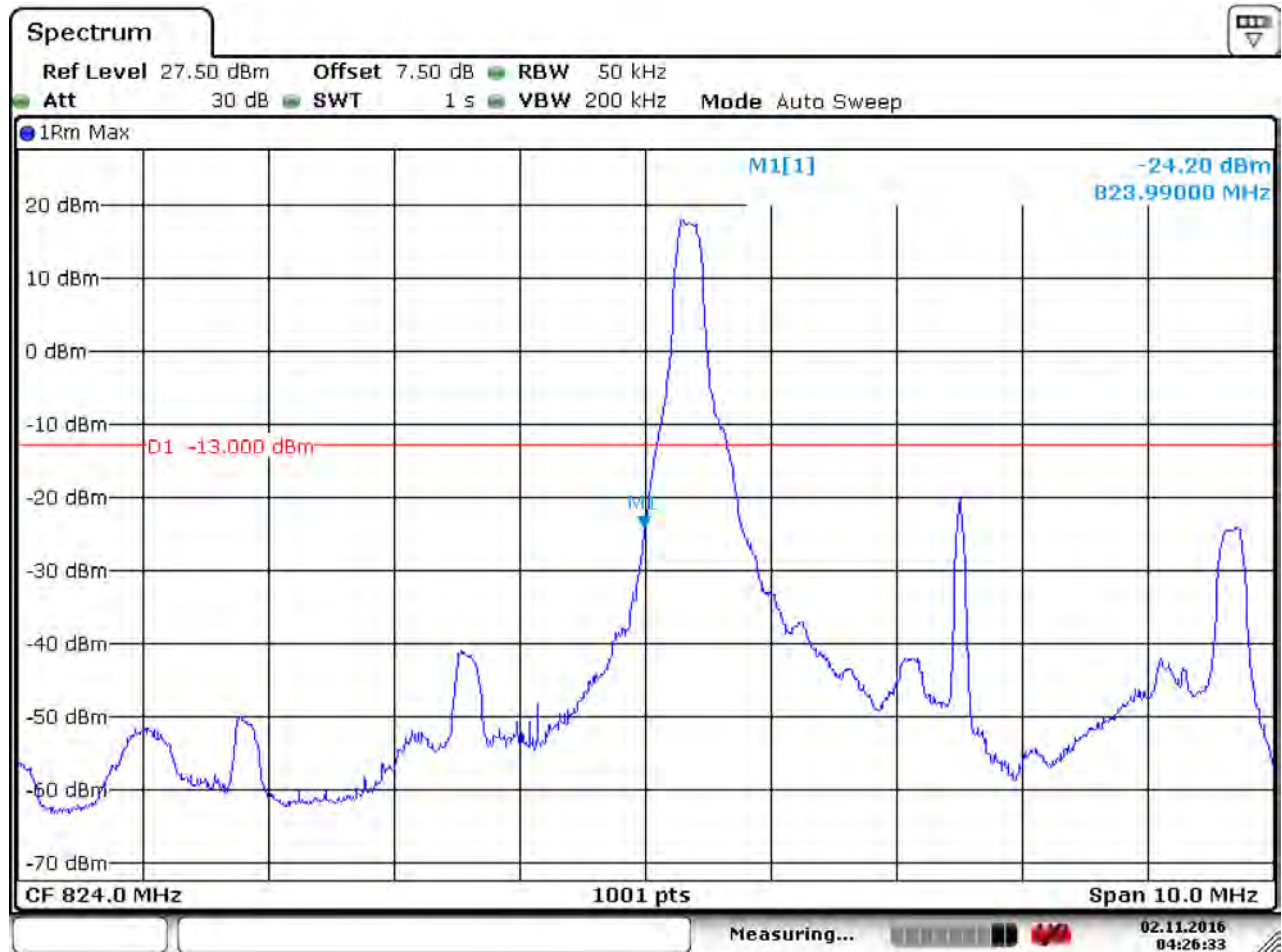
Date: 2.NOV.2016 04:16:57



5.1.1.8 Test Mode = LTE/TM2 5MHz

5.1.1.8.1 Test Channel = LCH

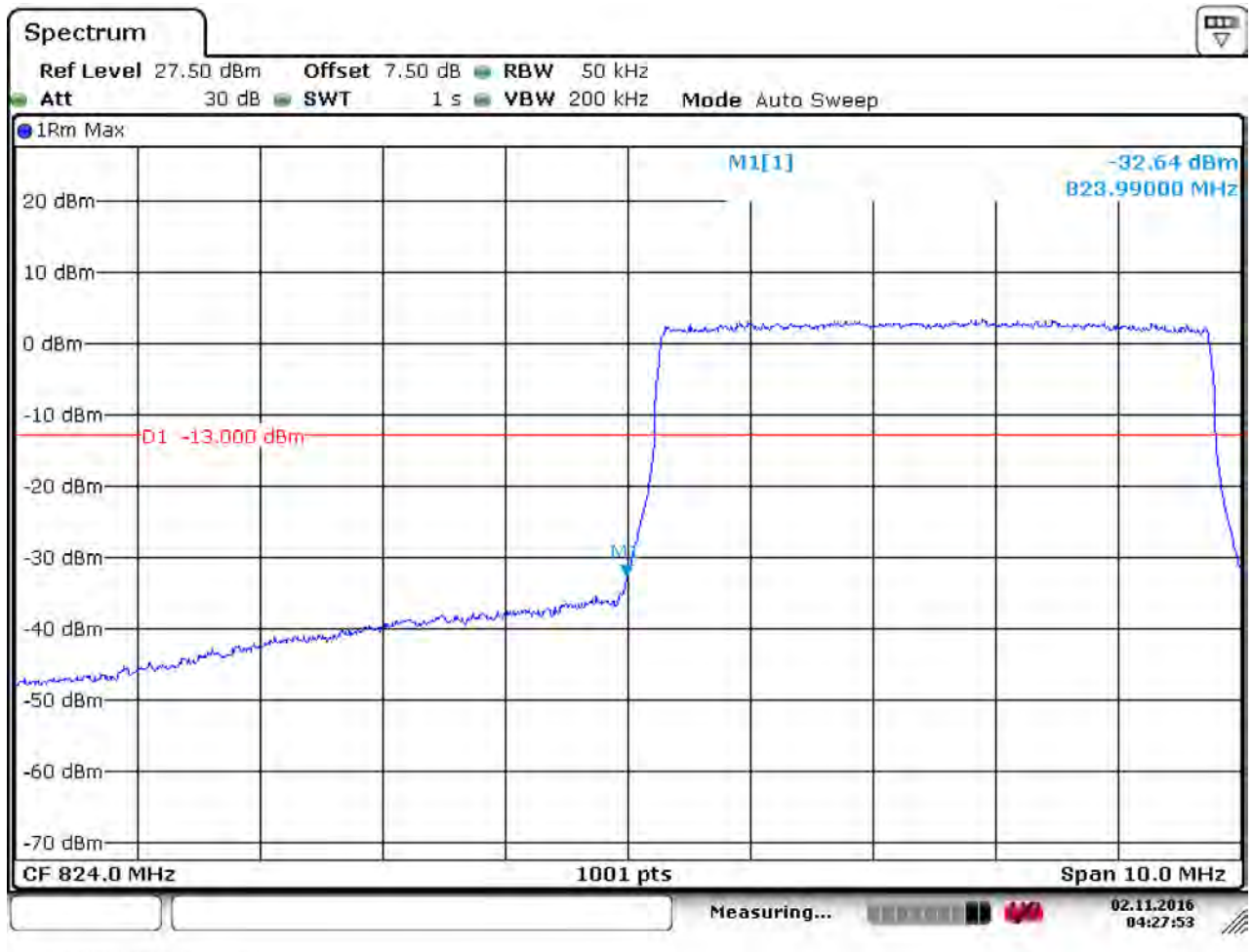
5.1.1.8.1.1 Test RB=1RB



Date: 2.NOV.2016 04:26:33



5.1.1.8.1.2 Test RB=25RB

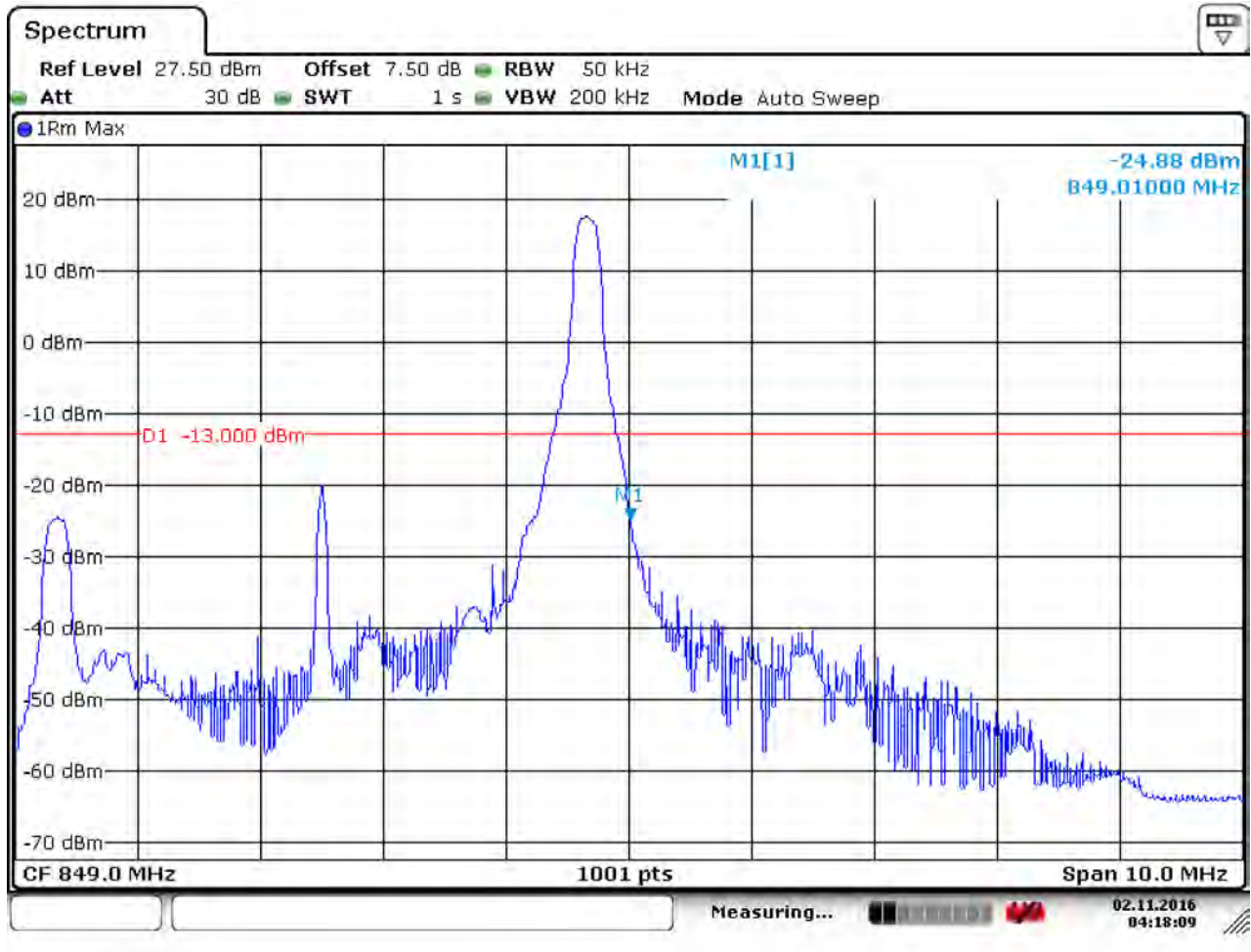


Date: 2.NOV.2016 04:27:54



5.1.1.8.2 Test Channel = HCH

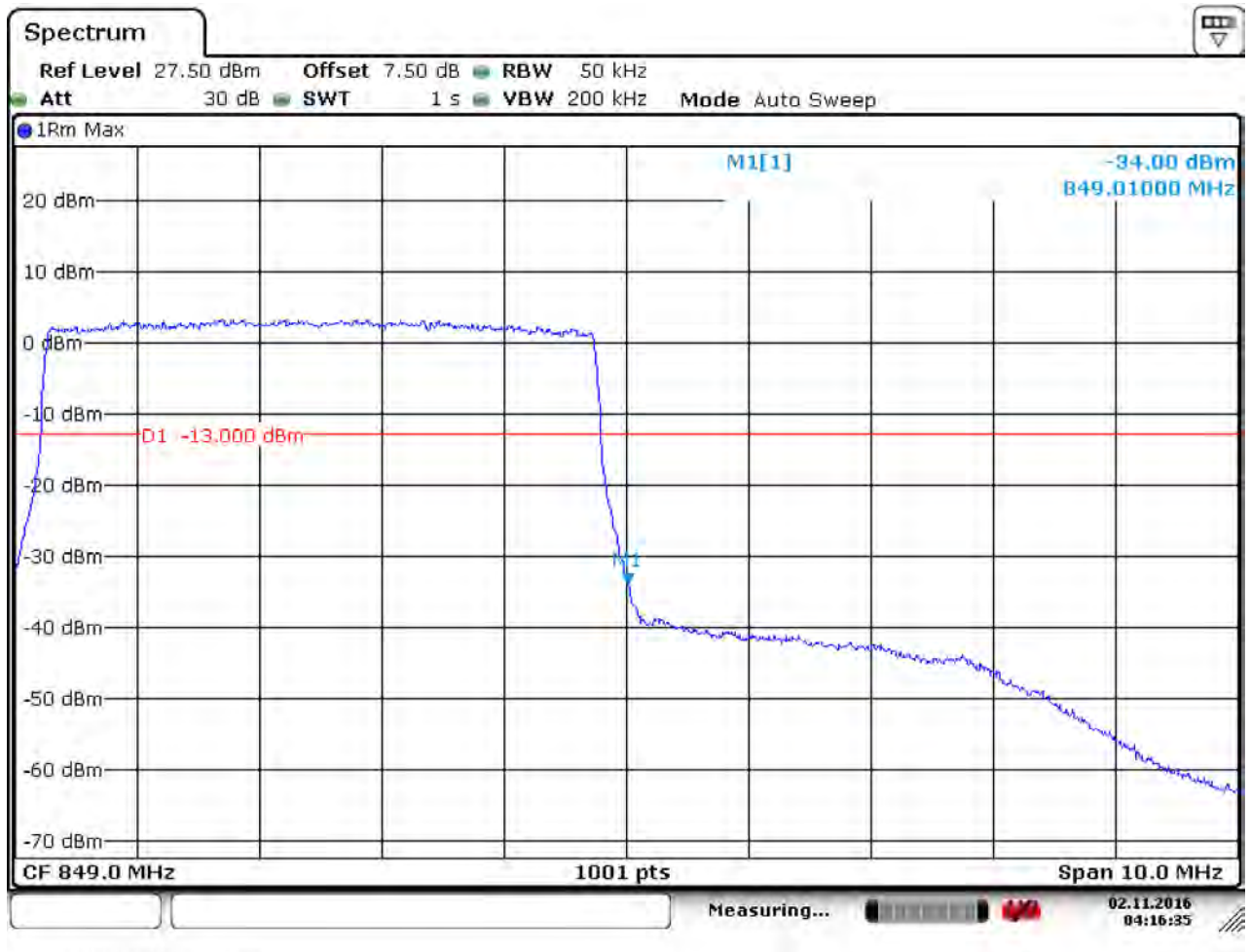
5.1.1.8.2.1 Test RB=1RB



Date: 2.NOV.2016 04:18:10



5.1.1.8.2.2 Test RB=25RB



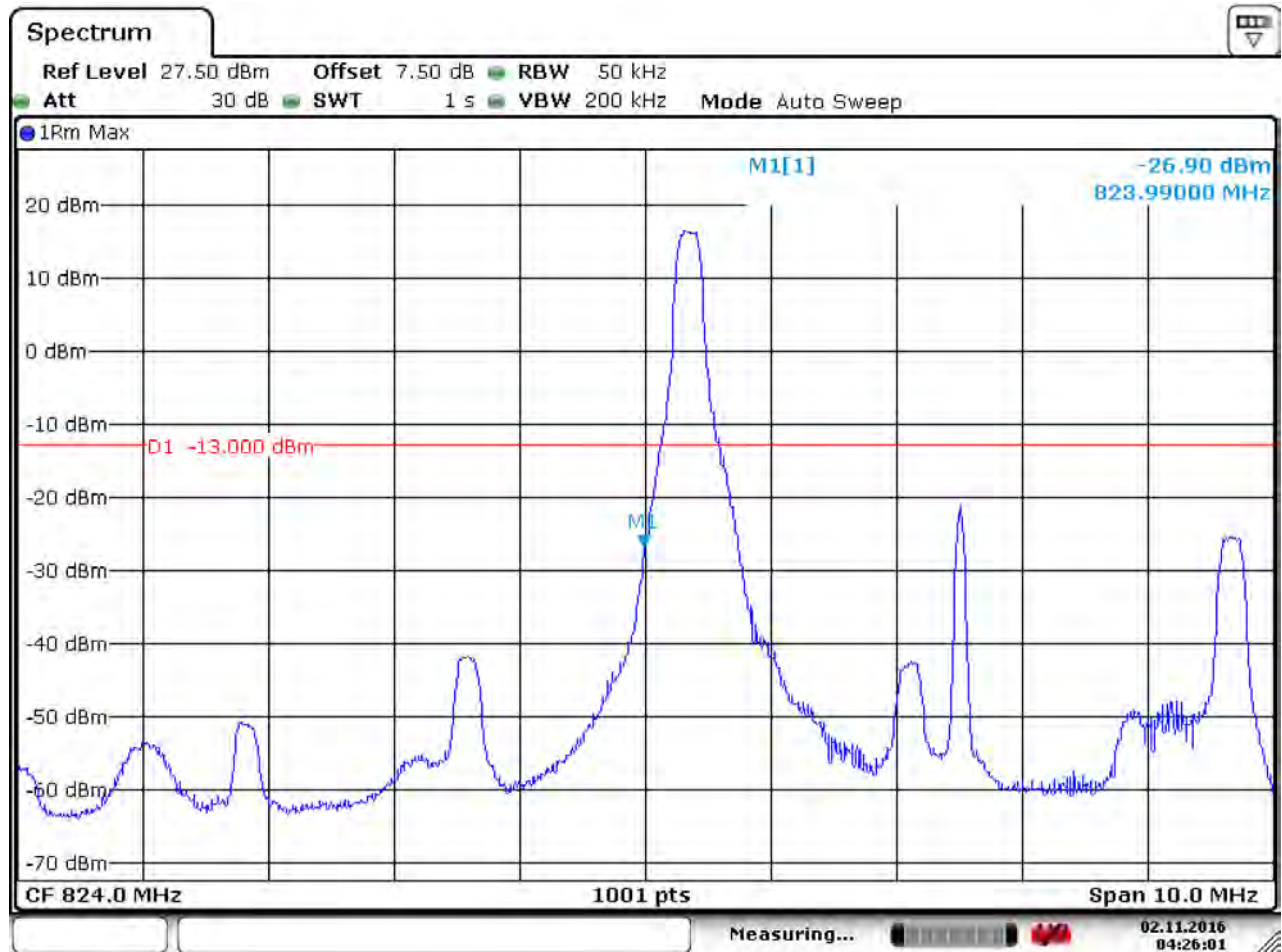
Date: 2.NOV.2016 04:16:35



5.1.1.9 Test Mode = LTE/TM3 5MHz

5.1.1.9.1 Test Channel = LCH

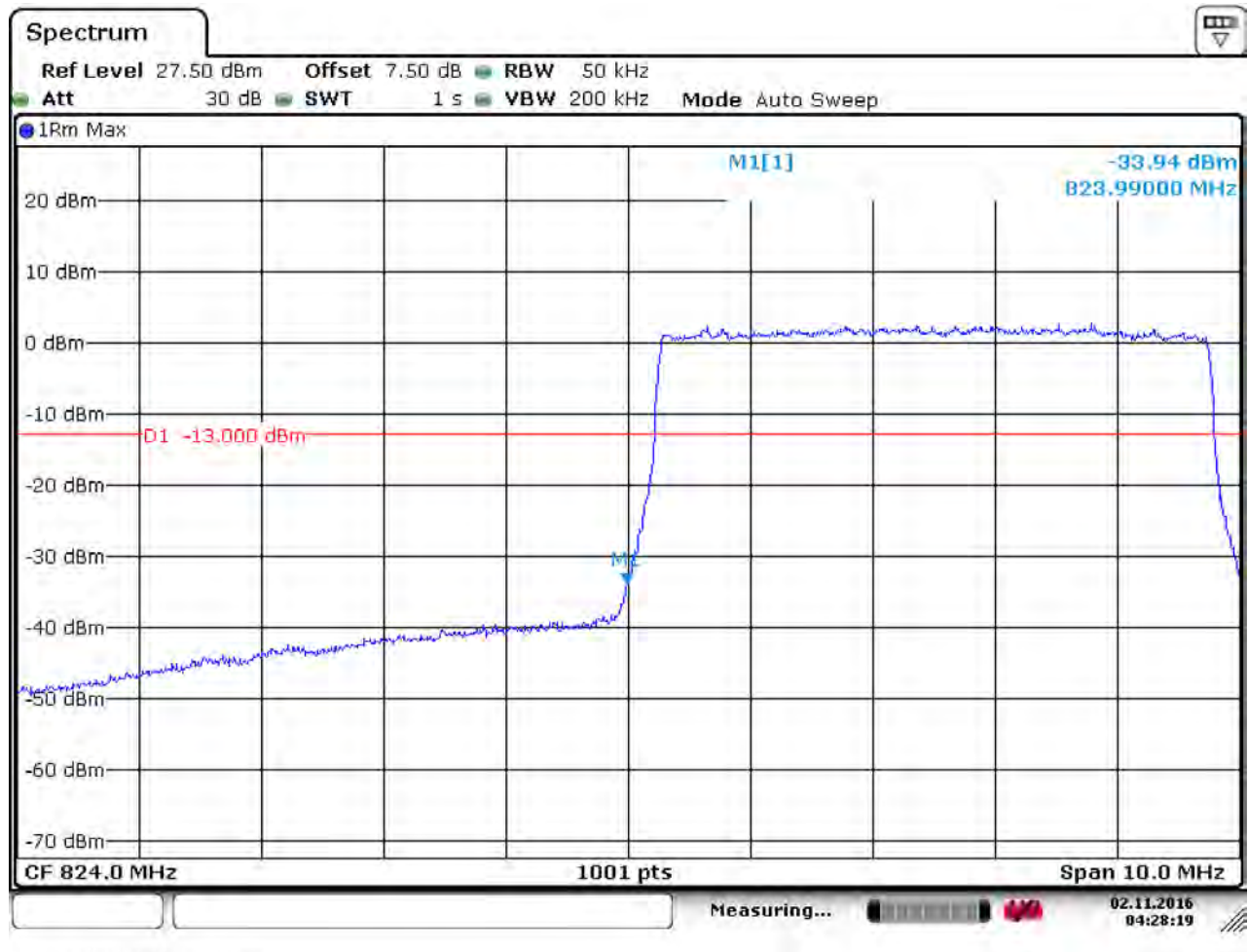
5.1.1.9.1.1 Test RB=1RB



Date: 2.NOV.2016 04:26:01



5.1.1.9.1.2 Test RB=25RB



Date: 2.NOV.2016 04:28:20