



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 12

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM1	1.4M	LCH	RB1#0	22.29	19.88	34.70	PASS
				RB1#2	22.23	19.82	34.70	PASS
				RB1#5	22.21	19.80	34.70	PASS
				RB3#0	21.27	18.86	34.70	PASS
				RB3#2	21.29	18.88	34.70	PASS
				RB3#3	21.28	18.87	34.70	PASS
				RB6#0	21.24	18.83	34.70	PASS
			MCH	RB1#0	22.29	19.88	34.70	PASS
				RB1#2	22.29	19.88	34.70	PASS
				RB1#5	22.19	19.78	34.70	PASS
				RB3#0	21.29	18.88	34.70	PASS
				RB3#2	21.24	18.83	34.70	PASS
				RB3#3	21.25	18.84	34.70	PASS
				RB6#0	21.28	18.87	34.70	PASS
			HCH	RB1#0	22.22	19.81	34.70	PASS
				RB1#2	22.21	19.80	34.70	PASS
				RB1#5	22.25	19.84	34.70	PASS
				RB3#0	21.23	18.82	34.70	PASS
				RB3#2	21.29	18.88	34.70	PASS
				RB3#3	21.25	18.84	34.70	PASS
				RB6#0	21.20	18.79	34.70	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM2	1.4M	LCH	RB1#0	21.28	18.87	34.70	PASS
				RB1#2	21.28	18.87	34.70	PASS
				RB1#5	21.29	18.88	34.70	PASS
				RB3#0	21.35	18.94	34.70	PASS
				RB3#2	21.30	18.89	34.70	PASS
				RB3#3	21.28	18.87	34.70	PASS
				RB6#0	21.25	18.84	34.70	PASS
			MCH	RB1#0	21.31	18.90	34.70	PASS
				RB1#2	21.35	18.94	34.70	PASS
				RB1#5	21.29	18.88	34.70	PASS
				RB3#0	21.32	18.91	34.70	PASS
				RB3#2	21.32	18.91	34.70	PASS
				RB3#3	21.26	18.85	34.70	PASS
				RB6#0	21.25	18.84	34.70	PASS
			HCH	RB1#0	21.35	18.94	34.70	PASS
				RB1#2	21.28	18.87	34.70	PASS
				RB1#5	21.26	18.85	34.70	PASS
				RB3#0	21.28	18.87	34.70	PASS
				RB3#2	21.30	18.89	34.70	PASS
				RB3#3	21.27	18.86	34.70	PASS
				RB6#0	21.21	18.80	34.70	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM3	1.4M	LCH	RB1#0	20.70	18.29	34.70	PASS
				RB1#2	20.73	18.32	34.70	PASS
				RB1#5	20.68	18.27	34.70	PASS
				RB3#0	19.57	17.16	34.70	PASS
				RB3#2	19.54	17.13	34.70	PASS
				RB3#3	19.51	17.10	34.70	PASS
				RB6#0	19.49	17.08	34.70	PASS
			MCH	RB1#0	20.67	18.26	34.70	PASS
				RB1#2	20.65	18.24	34.70	PASS
				RB1#5	20.57	18.16	34.70	PASS
				RB3#0	19.62	17.21	34.70	PASS
				RB3#2	19.60	17.19	34.70	PASS
				RB3#3	19.56	17.15	34.70	PASS
				RB6#0	19.53	17.12	34.70	PASS
			HCH	RB1#0	20.69	18.28	34.70	PASS
				RB1#2	20.61	18.20	34.70	PASS
				RB1#5	20.69	18.28	34.70	PASS
				RB3#0	19.61	17.20	34.70	PASS
				RB3#2	19.54	17.13	34.70	PASS
				RB3#3	19.48	17.07	34.70	PASS
				RB6#0	19.45	17.04	34.70	PASS

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BAND12	LTE/TM1	3M	LCH	RB1#0	22.34	19.93	34.70	PASS
				RB1#7	22.27	19.86	34.70	PASS
				RB1#14	22.23	19.82	34.70	PASS
				RB8#0	21.31	18.90	34.70	PASS
				RB8#4	21.29	18.88	34.70	PASS
				RB8#7	21.29	18.88	34.70	PASS
				RB15#0	21.26	18.85	34.70	PASS
			MCH	RB1#0	22.31	19.90	34.70	PASS
				RB1#7	22.29	19.88	34.70	PASS
				RB1#14	22.23	19.82	34.70	PASS
				RB8#0	21.31	18.90	34.70	PASS
				RB8#4	21.28	18.87	34.70	PASS
				RB8#7	21.30	18.89	34.70	PASS
				RB15#0	21.31	18.90	34.70	PASS
			HCH	RB1#0	22.26	19.85	34.70	PASS
				RB1#7	22.24	19.83	34.70	PASS
				RB1#14	22.27	19.86	34.70	PASS
				RB8#0	21.28	18.87	34.70	PASS
				RB8#4	21.30	18.89	34.70	PASS
				RB8#7	21.28	18.87	34.70	PASS
				RB15#0	21.24	18.83	34.70	PASS

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BAND12	LTE/TM2	3M	LCH	RB1#0	21.30	18.89	34.70	PASS
				RB1#7	21.32	18.91	34.70	PASS
				RB1#14	21.30	18.89	34.70	PASS
				RB8#0	21.37	18.96	34.70	PASS
				RB8#4	21.32	18.91	34.70	PASS
				RB8#7	21.32	18.91	34.70	PASS
				RB15#0	21.27	18.86	34.70	PASS
			MCH	RB1#0	21.35	18.94	34.70	PASS
				RB1#7	21.35	18.94	34.70	PASS
				RB1#14	21.31	18.90	34.70	PASS
				RB8#0	21.35	18.94	34.70	PASS
				RB8#4	21.34	18.93	34.70	PASS
				RB8#7	21.27	18.86	34.70	PASS
				RB15#0	21.26	18.85	34.70	PASS
			HCH	RB1#0	21.37	18.96	34.70	PASS
				RB1#7	21.32	18.91	34.70	PASS
				RB1#14	21.29	18.88	34.70	PASS
				RB8#0	21.29	18.88	34.70	PASS
				RB8#4	21.31	18.90	34.70	PASS
				RB8#7	21.28	18.87	34.70	PASS
				RB15#0	21.23	18.82	34.70	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM3	3M	LCH	RB1#0	20.72	18.31	34.70	PASS
				RB1#7	20.73	18.32	34.70	PASS
				RB1#14	20.68	18.27	34.70	PASS
				RB8#0	19.61	17.20	34.70	PASS
				RB8#4	19.56	17.15	34.70	PASS
				RB8#7	19.55	17.14	34.70	PASS
				RB15#0	19.51	17.10	34.70	PASS
			MCH	RB1#0	20.72	18.31	34.70	PASS
				RB1#7	20.68	18.27	34.70	PASS
				RB1#14	20.60	18.19	34.70	PASS
				RB8#0	19.64	17.23	34.70	PASS
				RB8#4	19.61	17.20	34.70	PASS
				RB8#7	19.60	17.19	34.70	PASS
				RB15#0	19.56	17.15	34.70	PASS
			HCH	RB1#0	20.71	18.30	34.70	PASS
				RB1#7	20.65	18.24	34.70	PASS
				RB1#14	20.70	18.29	34.70	PASS
				RB8#0	19.62	17.21	34.70	PASS
				RB8#4	19.56	17.15	34.70	PASS
				RB8#7	19.49	17.08	34.70	PASS
				RB15#0	19.49	17.08	34.70	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM1	5M	LCH	RB1#0	22.36	19.95	34.70	PASS
				RB1#13	22.29	19.88	34.70	PASS
				RB1#24	22.27	19.86	34.70	PASS
				RB12#0	21.34	18.93	34.70	PASS
				RB12#6	21.33	18.92	34.70	PASS
				RB12#13	21.31	18.90	34.70	PASS
				RB25#0	21.28	18.87	34.70	PASS
			MCH	RB1#0	22.35	19.94	34.70	PASS
				RB1#13	22.33	19.92	34.70	PASS
				RB1#24	22.27	19.86	34.70	PASS
				RB12#0	21.36	18.95	34.70	PASS
				RB12#6	21.33	18.92	34.70	PASS
				RB12#13	21.32	18.91	34.70	PASS
				RB25#0	21.32	18.91	34.70	PASS
			HCH	RB1#0	22.30	19.89	34.70	PASS
				RB1#13	22.29	19.88	34.70	PASS
				RB1#24	22.29	19.88	34.70	PASS
				RB12#0	21.33	18.92	34.70	PASS
				RB12#6	21.30	18.89	34.70	PASS
				RB12#13	21.29	18.88	34.70	PASS
				RB25#0	21.25	18.84	34.70	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM2	5M	LCH	RB1#0	21.34	18.93	34.70	PASS
				RB1#13	21.35	18.94	34.70	PASS
				RB1#24	21.34	18.93	34.70	PASS
				RB12#0	21.38	18.97	34.70	PASS
				RB12#6	21.36	18.95	34.70	PASS
				RB12#13	21.36	18.95	34.70	PASS
				RB25#0	21.32	18.91	34.70	PASS
			MCH	RB1#0	21.39	18.98	34.70	PASS
				RB1#13	21.37	18.96	34.70	PASS
				RB1#24	21.36	18.95	34.70	PASS
				RB12#0	21.37	18.96	34.70	PASS
				RB12#6	21.37	18.96	34.70	PASS
				RB12#13	21.31	18.90	34.70	PASS
				RB25#0	21.30	18.89	34.70	PASS
			HCH	RB1#0	21.40	18.99	34.70	PASS
				RB1#13	21.34	18.93	34.70	PASS
				RB1#24	21.31	18.90	34.70	PASS
				RB12#0	21.32	18.91	34.70	PASS
				RB12#6	21.32	18.91	34.70	PASS
				RB12#13	21.32	18.91	34.70	PASS
				RB25#0	21.25	18.84	34.70	PASS

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BAND12	LTE/TM3	5M	LCH	RB1#0	20.76	18.35	34.70	PASS
				RB1#13	20.77	18.36	34.70	PASS
				RB1#24	20.72	18.31	34.70	PASS
				RB12#0	19.63	17.22	34.70	PASS
				RB12#6	19.60	17.19	34.70	PASS
				RB12#13	19.58	17.17	34.70	PASS
				RB25#0	19.52	17.11	34.70	PASS
			MCH	RB1#0	20.76	18.35	34.70	PASS
				RB1#13	20.71	18.30	34.70	PASS
				RB1#24	20.63	18.22	34.70	PASS
				RB12#0	19.66	17.25	34.70	PASS
				RB12#6	19.64	17.23	34.70	PASS
				RB12#13	19.64	17.23	34.70	PASS
				RB25#0	19.58	17.17	34.70	PASS
			HCH	RB1#0	20.73	18.32	34.70	PASS
				RB1#13	20.68	18.27	34.70	PASS
				RB1#24	20.70	18.29	34.70	PASS
				RB12#0	19.63	17.22	34.70	PASS
				RB12#6	19.58	17.17	34.70	PASS
				RB12#13	19.53	17.12	34.70	PASS
				RB25#0	19.52	17.11	34.70	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM1	10M	LCH	RB1#0	22.35	19.94	34.70	PASS
				RB1#25	22.34	19.93	34.70	PASS
				RB1#49	22.32	19.91	34.70	PASS
				RB25#0	21.35	18.94	34.70	PASS
				RB25#13	21.35	18.94	34.70	PASS
				RB25#25	21.35	18.94	34.70	PASS
				RB50#0	21.31	18.90	34.70	PASS
			MCH	RB1#0	22.38	19.97	34.70	PASS
				RB1#25	22.34	19.93	34.70	PASS
				RB1#49	22.30	19.89	34.70	PASS
				RB25#0	21.37	18.96	34.70	PASS
				RB25#13	21.36	18.95	34.70	PASS
				RB25#25	21.36	18.95	34.70	PASS
				RB50#0	21.32	18.91	34.70	PASS
			HCH	RB1#0	22.34	19.93	34.70	PASS
				RB1#25	22.33	19.92	34.70	PASS
				RB1#49	22.30	19.89	34.70	PASS
				RB25#0	21.36	18.95	34.70	PASS
				RB25#13	21.35	18.94	34.70	PASS
				RB25#25	21.33	18.92	34.70	PASS
				RB50#0	21.28	18.87	34.70	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM2	10M	LCH	RB1#0	21.39	18.98	34.70	PASS
				RB1#25	21.39	18.98	34.70	PASS
				RB1#49	21.35	18.94	34.70	PASS
				RB25#0	21.39	18.98	34.70	PASS
				RB25#13	21.39	18.98	34.70	PASS
				RB25#25	21.37	18.96	34.70	PASS
				RB50#0	21.33	18.92	34.70	PASS
			MCH	RB1#0	21.42	19.01	34.70	PASS
				RB1#25	21.39	18.98	34.70	PASS
				RB1#49	21.36	18.95	34.70	PASS
				RB25#0	21.39	18.98	34.70	PASS
				RB25#13	21.39	18.98	34.70	PASS
				RB25#25	21.35	18.94	34.70	PASS
				RB50#0	21.30	18.89	34.70	PASS
			HCH	RB1#0	21.40	18.99	34.70	PASS
				RB1#25	21.36	18.95	34.70	PASS
				RB1#49	21.35	18.94	34.70	PASS
				RB25#0	21.34	18.93	34.70	PASS
				RB25#13	21.33	18.92	34.70	PASS
				RB25#25	21.33	18.92	34.70	PASS
				RB50#0	21.29	18.88	34.70	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND12	LTE/TM3	10M	LCH	RB1#0	20.77	18.36	34.70	PASS
				RB1#25	20.77	18.36	34.70	PASS
				RB1#49	20.75	18.34	34.70	PASS
				RB25#0	19.65	17.24	34.70	PASS
				RB25#13	19.64	17.23	34.70	PASS
				RB25#25	19.59	17.18	34.70	PASS
				RB50#0	19.55	17.14	34.70	PASS
			MCH	RB1#0	20.77	18.36	34.70	PASS
				RB1#25	20.72	18.31	34.70	PASS
				RB1#49	20.67	18.26	34.70	PASS
				RB25#0	19.69	17.28	34.70	PASS
				RB25#13	19.66	17.25	34.70	PASS
				RB25#25	19.64	17.23	34.70	PASS
				RB50#0	19.60	17.19	34.70	PASS
			HCH	RB1#0	20.77	18.36	34.70	PASS
				RB1#25	20.73	18.32	34.70	PASS
				RB1#49	20.72	18.31	34.70	PASS
				RB25#0	19.66	17.25	34.70	PASS
				RB25#13	19.62	17.21	34.70	PASS
				RB25#25	19.58	17.17	34.70	PASS
				RB50#0	19.55	17.14	34.70	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 12	TM1/20M	LCH	5.22	13	PASS
		MCH	5.33	13	PASS
		HCH	5.13	13	PASS
	TM2/20M	LCH	6.03	13	PASS
		MCH	6.14	13	PASS
		HCH	6.03	13	PASS
	TM3/20M	LCH	6.58	13	PASS
		MCH	6.55	13	PASS
		HCH	6.61	13	PASS



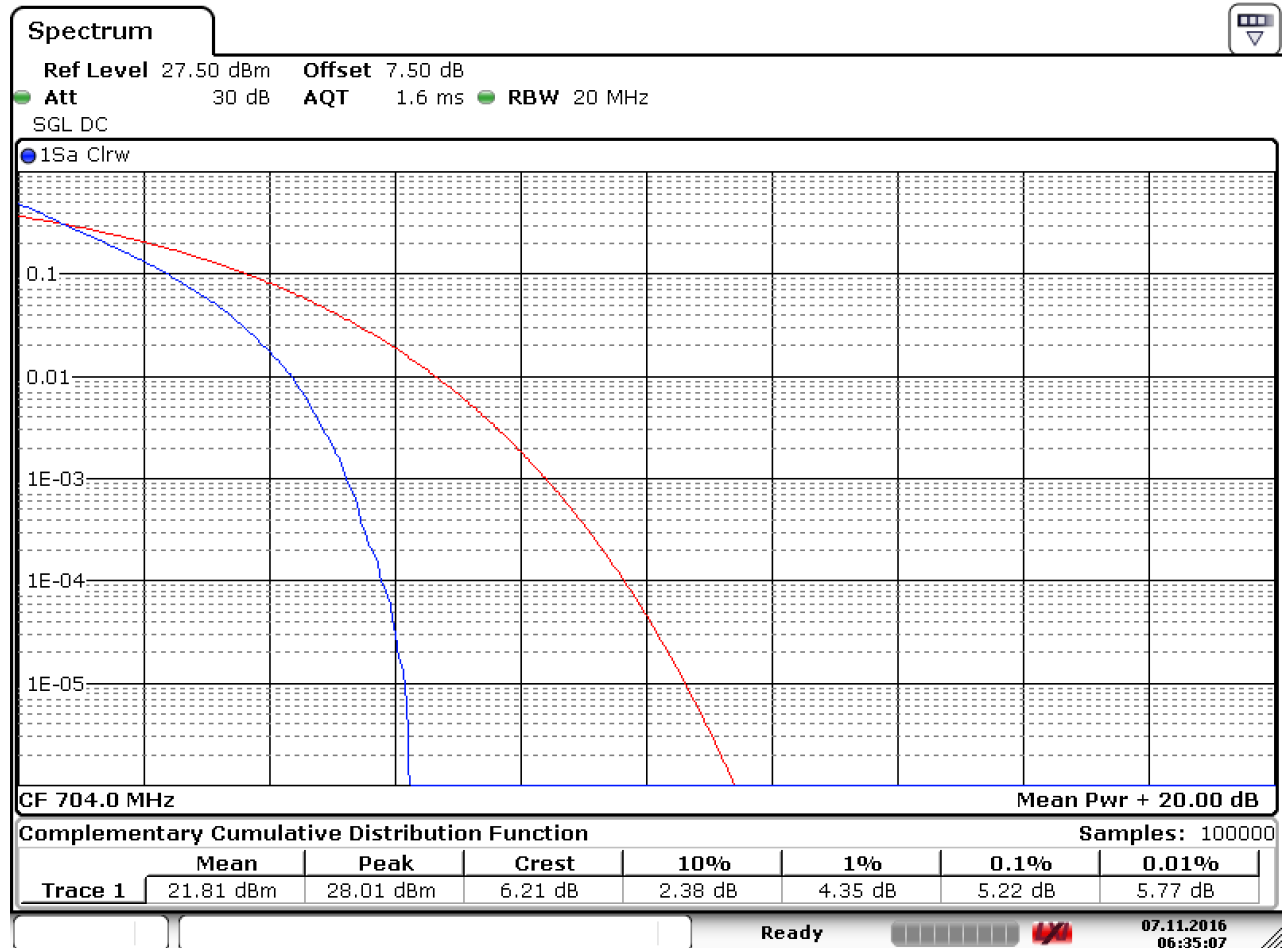
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band 12

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

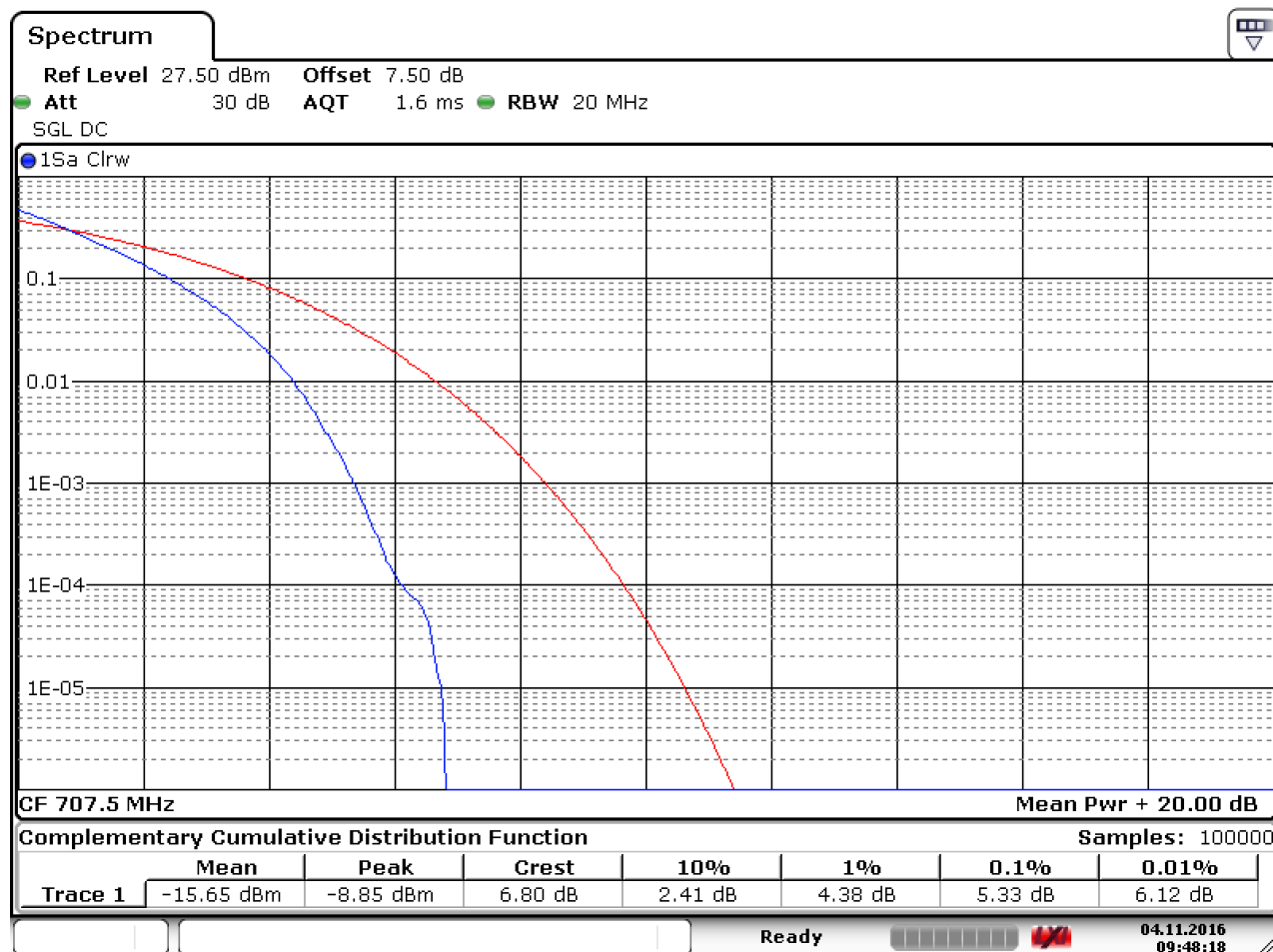
2.1.1.1.1 Test Channel = LCH



Date: 7.NOV.2016 06:35:07



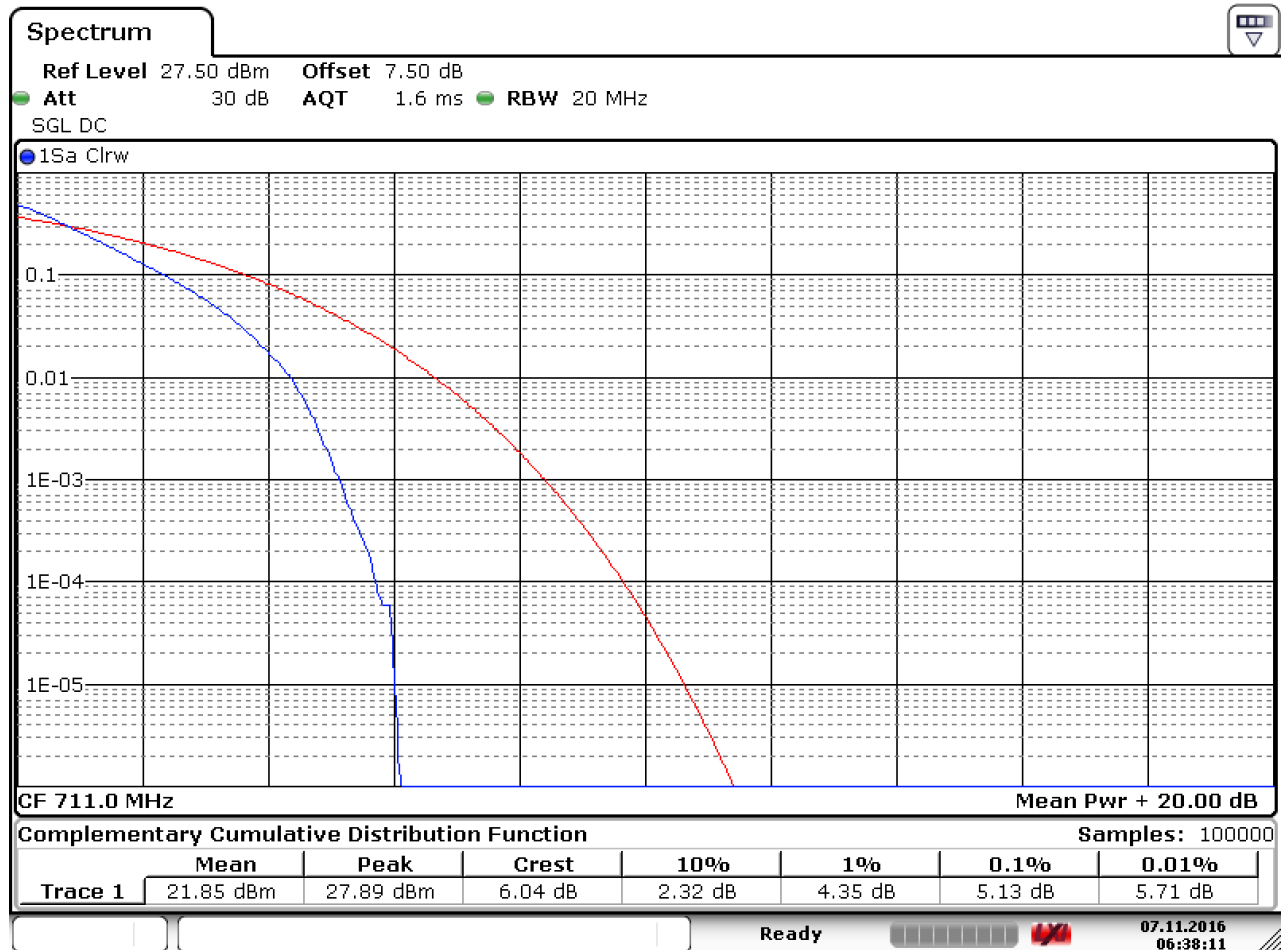
2.1.1.1.2 Test Channel = MCH



Date: 4.NOV.2016 09:48:19



2.1.1.1.3 Test Channel = HCH

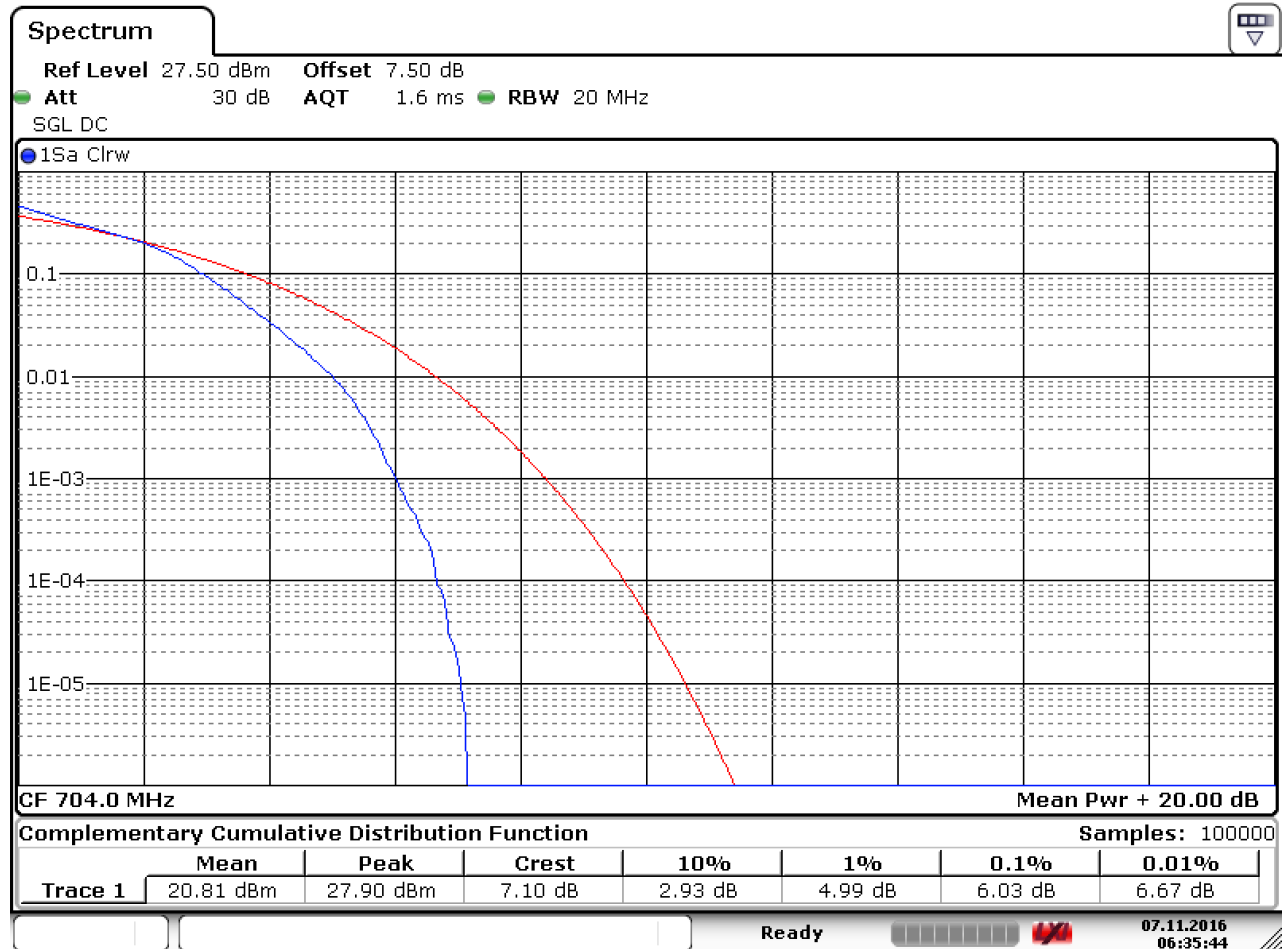


Date: 7.NOV.2016 06:38:12



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

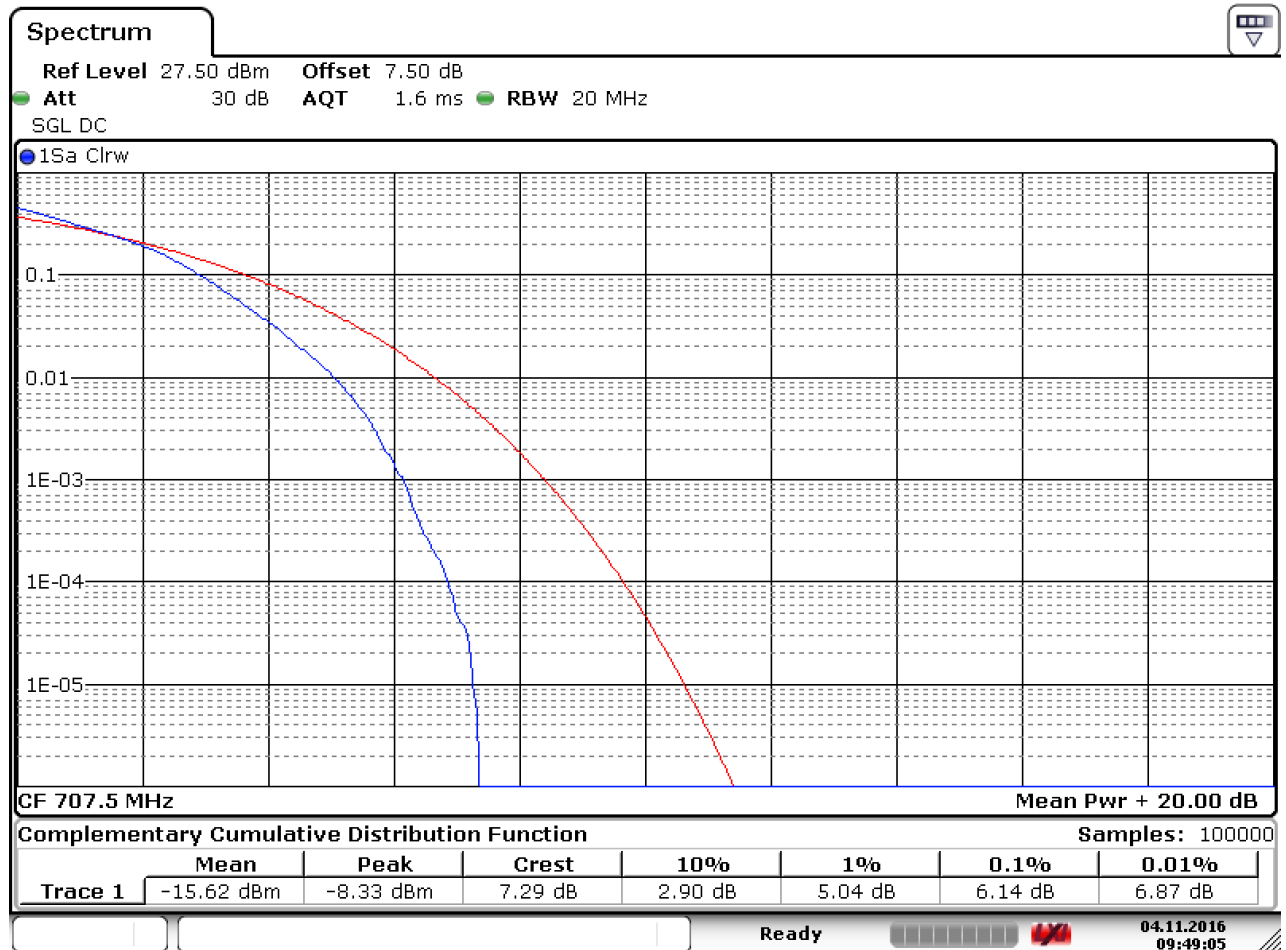
2.1.1.2.1 Test Channel = LCH



Date: 7.NOV.2016 06:35:44



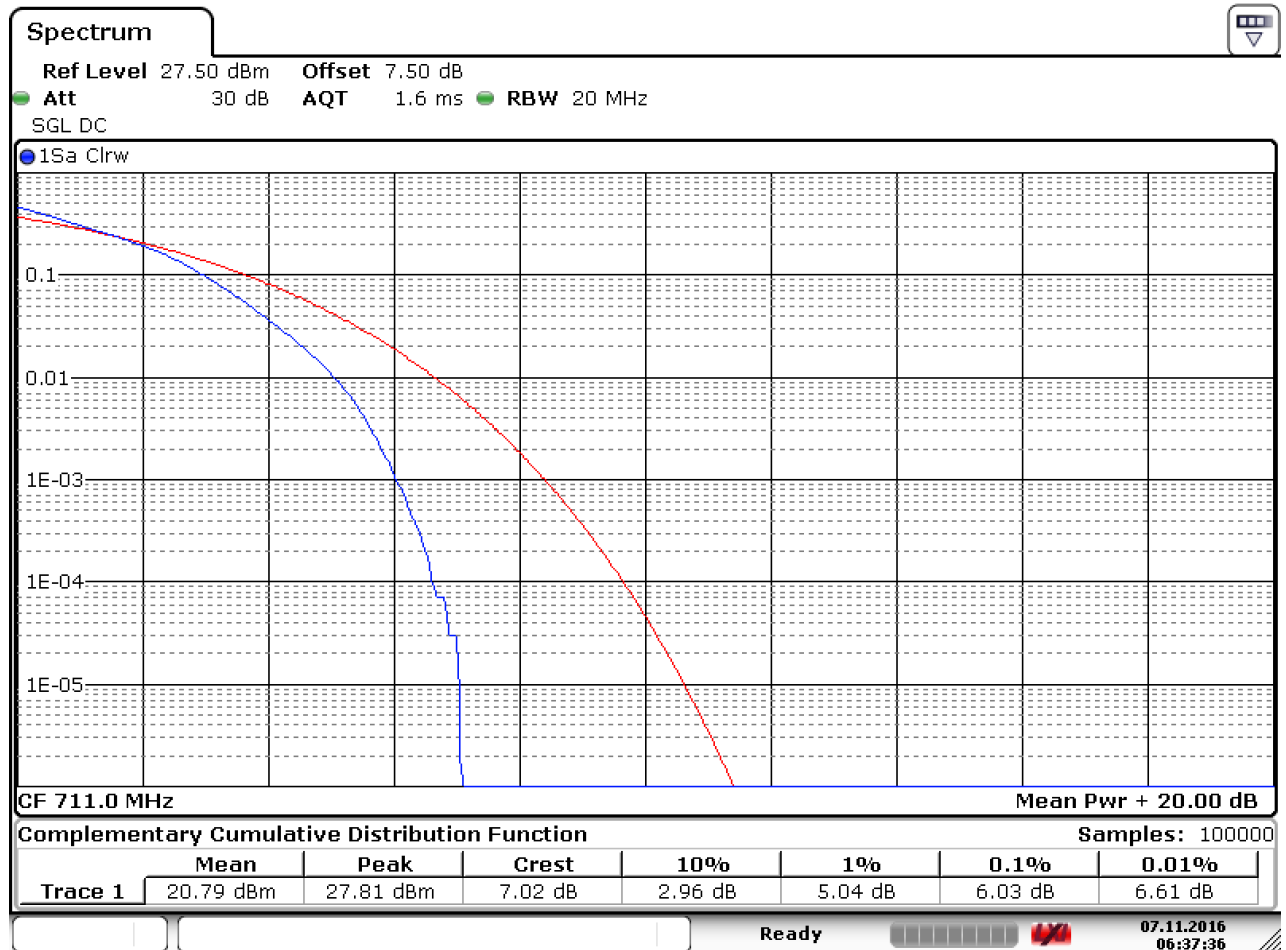
2.1.1.2.2 Test Channel = MCH



Date: 4.NOV.2016 09:49:05



2.1.1.2.3 Test Channel = HCH



Date: 7.NOV.2016 06:37:36



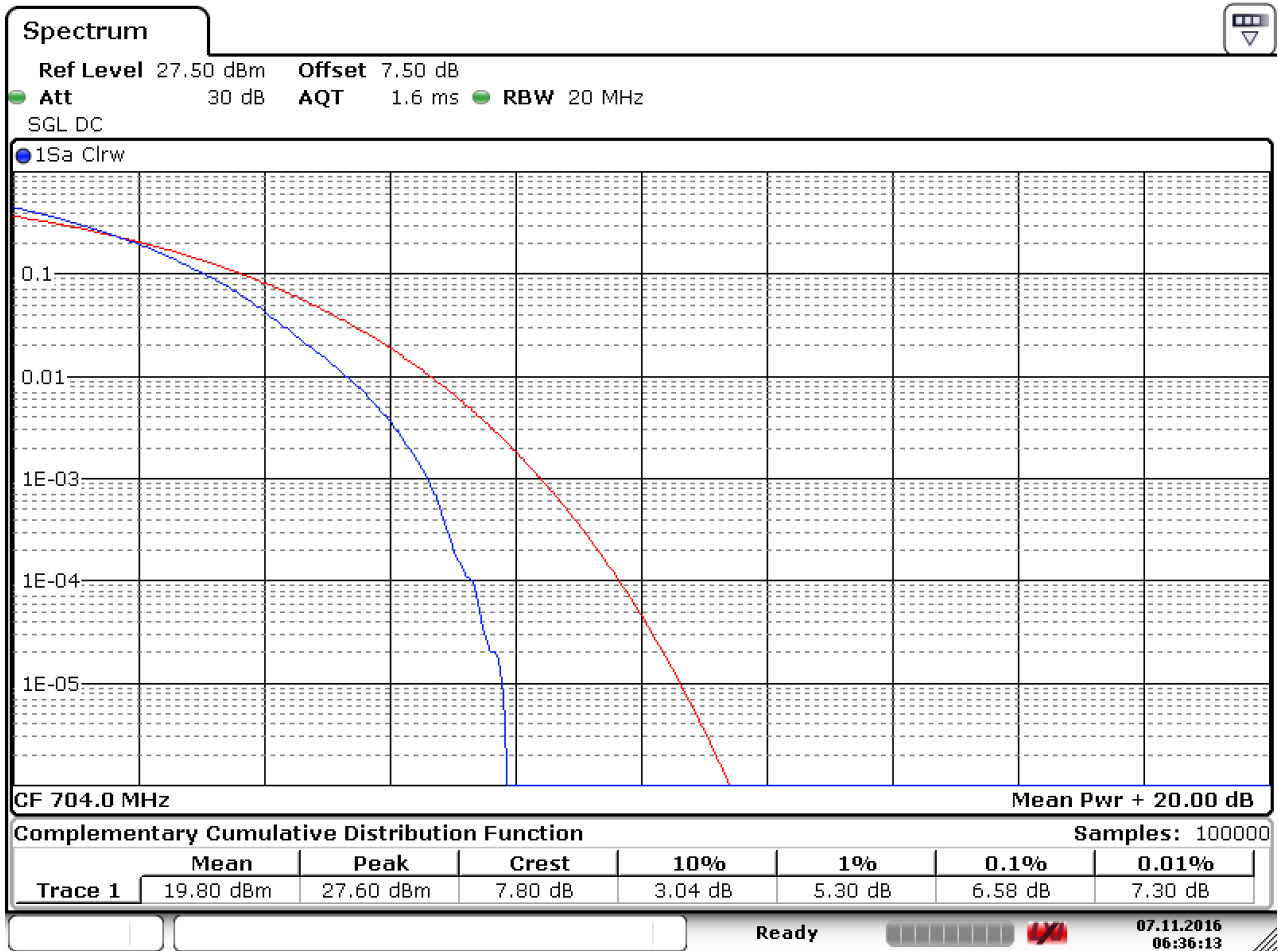
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2.1.1.3 Test Mode = LTE/TM3.Bandwidth=20MHz

2.1.1.3.1 Test Channel = LCH

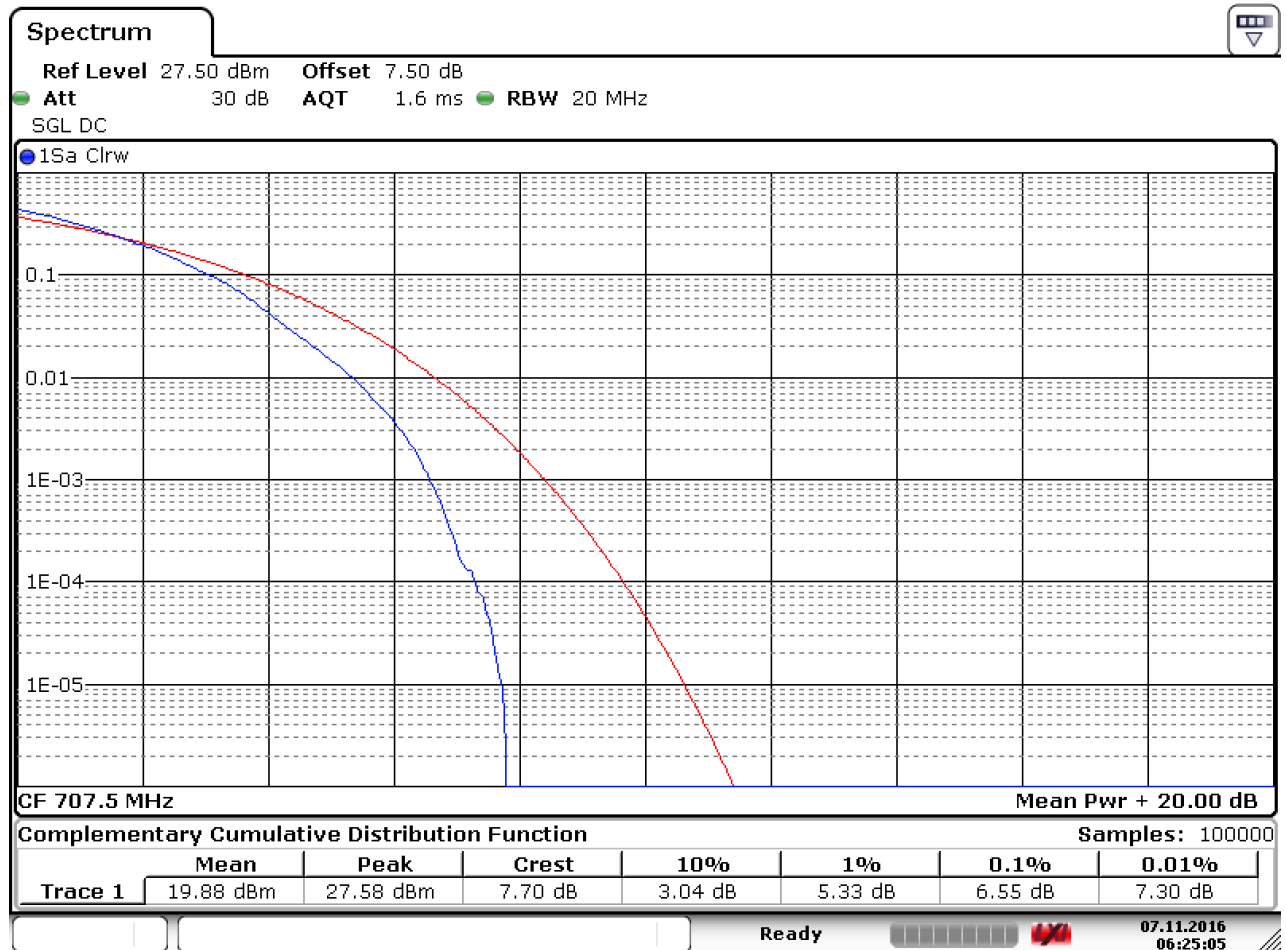


Date: 7.NOV.2016 06:36:14

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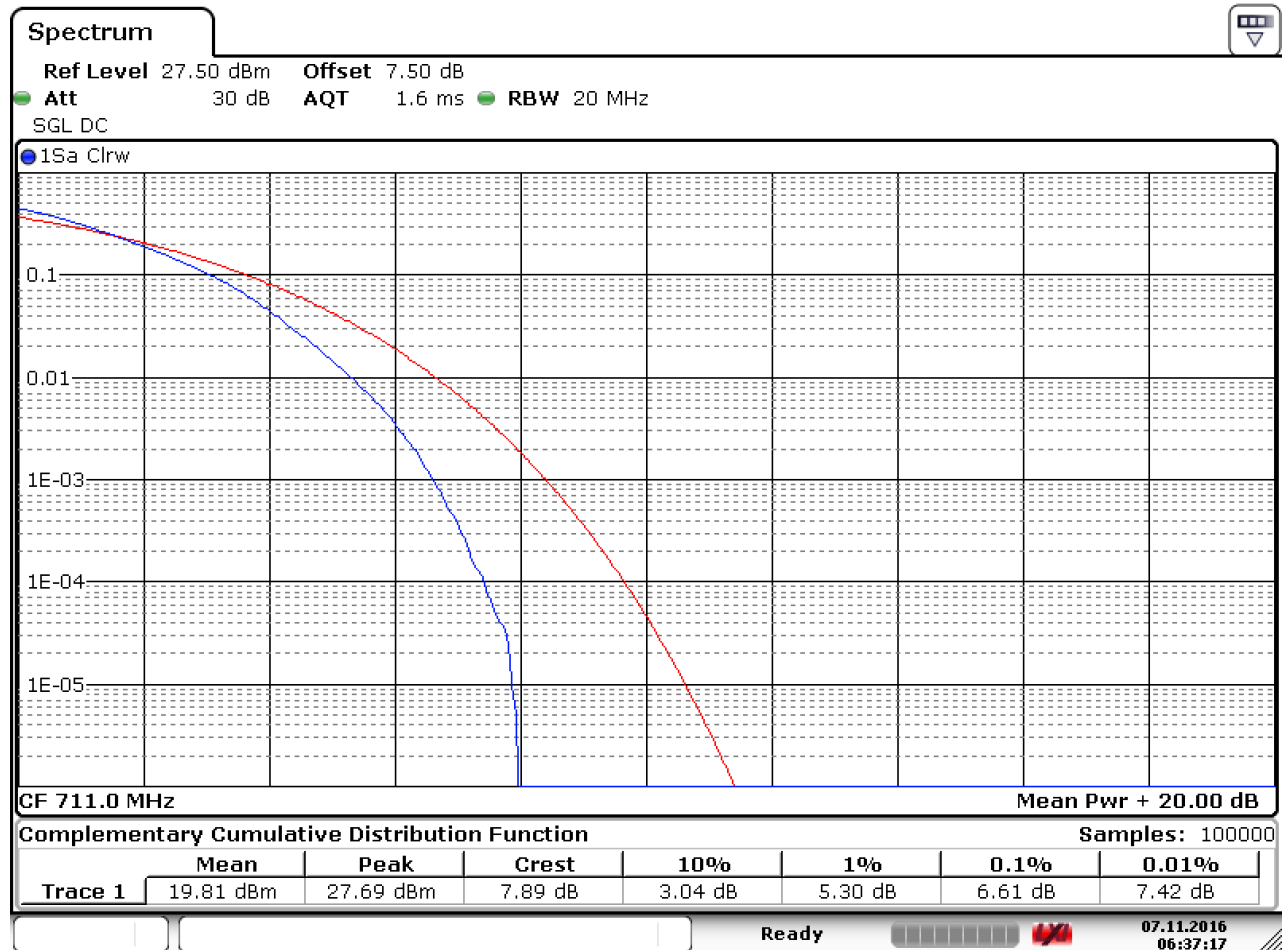
2.1.1.3.2 Test Channel = MCH



Date: 7.NOV.2016 06:25:06



2.1.1.3.3 Test Channel = HCH



Date: 7.NOV.2016 06:37:17



3 Modulation Characteristics

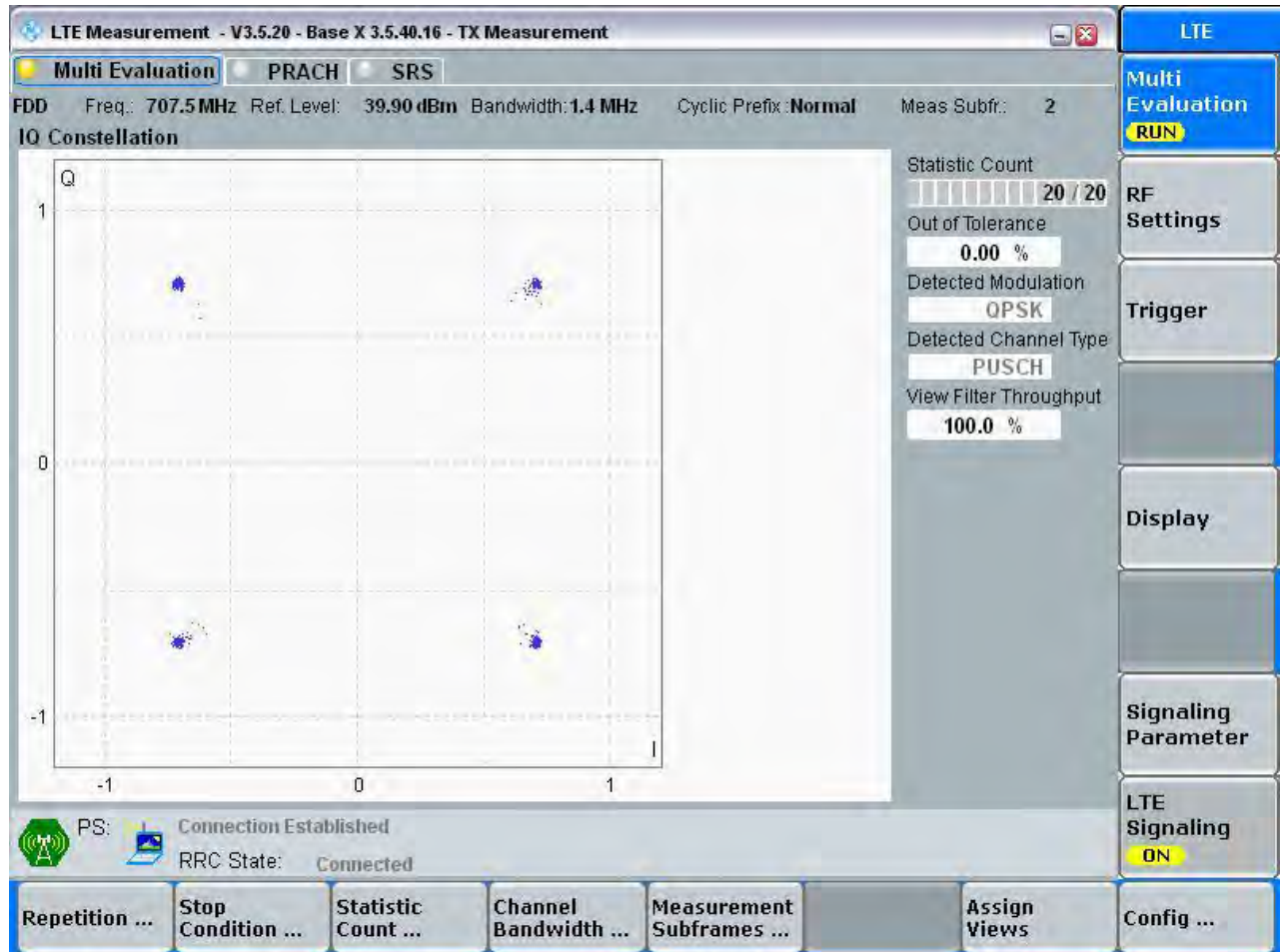
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE band 12

3.1.1.1 Test Mode = LTE /TM1 1.4MHz

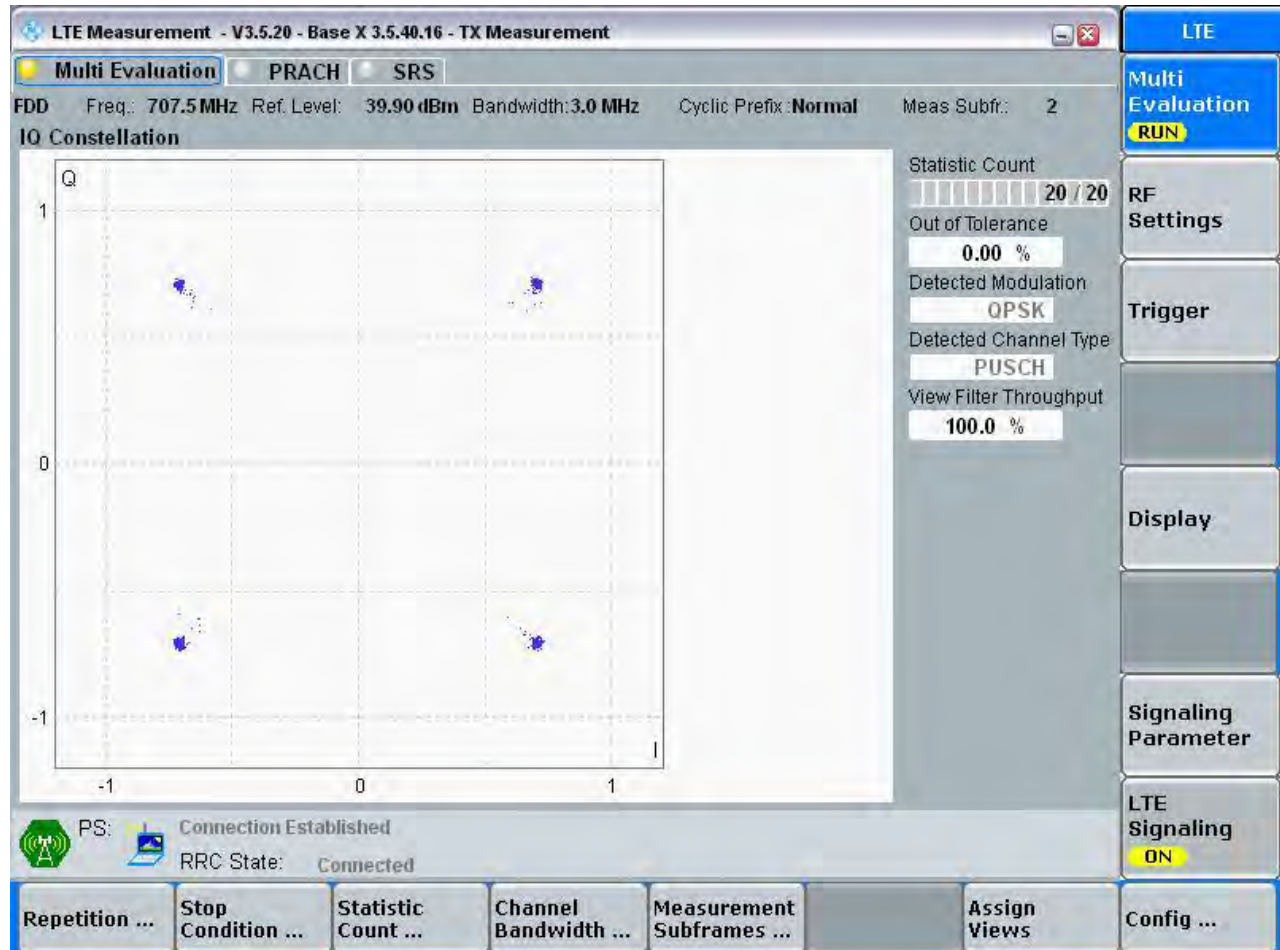
3.1.1.1.1 Test Channel = MCH





3.1.1.2 Test Mode = LTE /TM1 3MHz

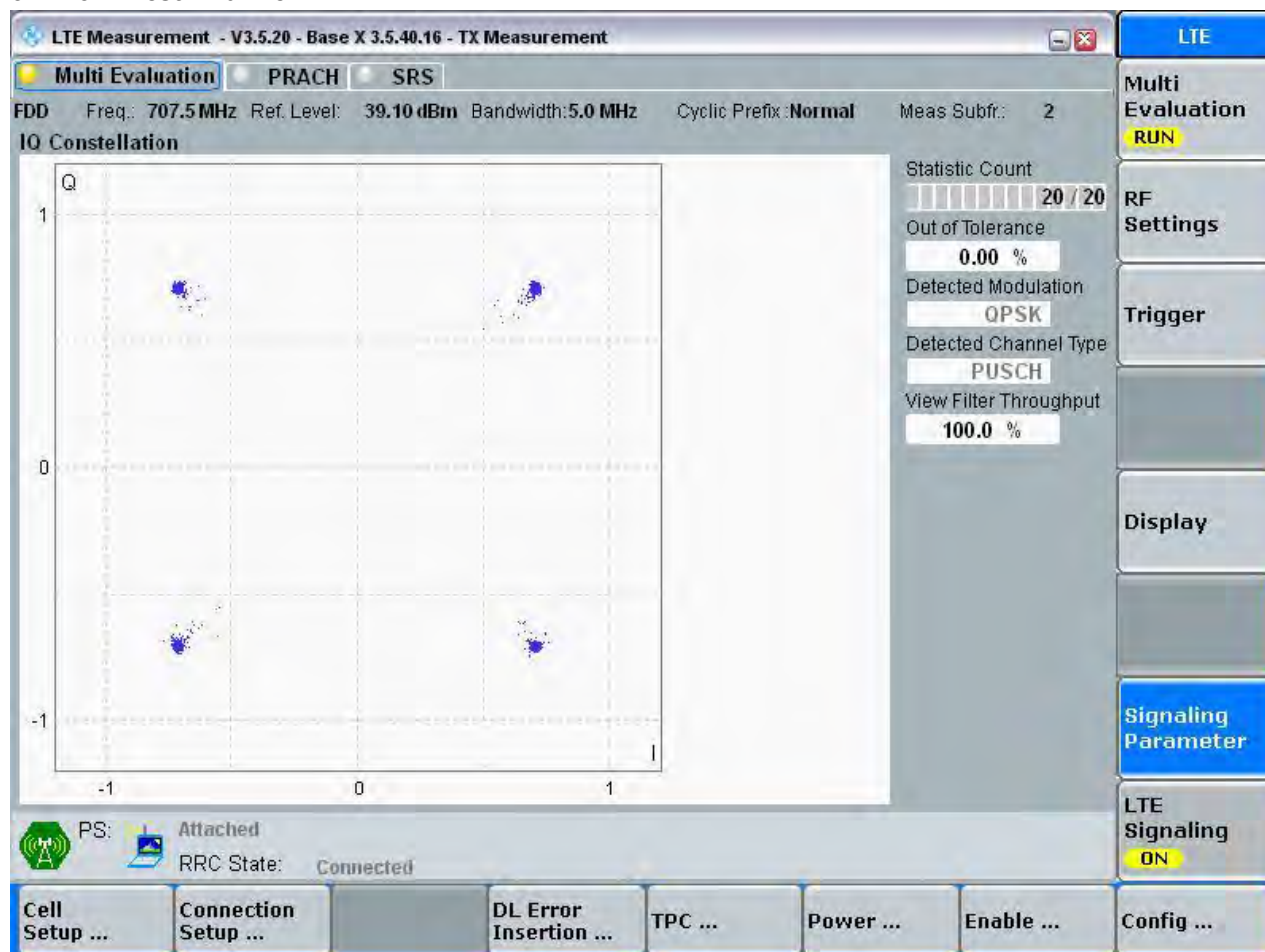
3.1.1.2.1 Test Channel = MCH





3.1.1.3 Test Mode = LTE /TM1 5MHz

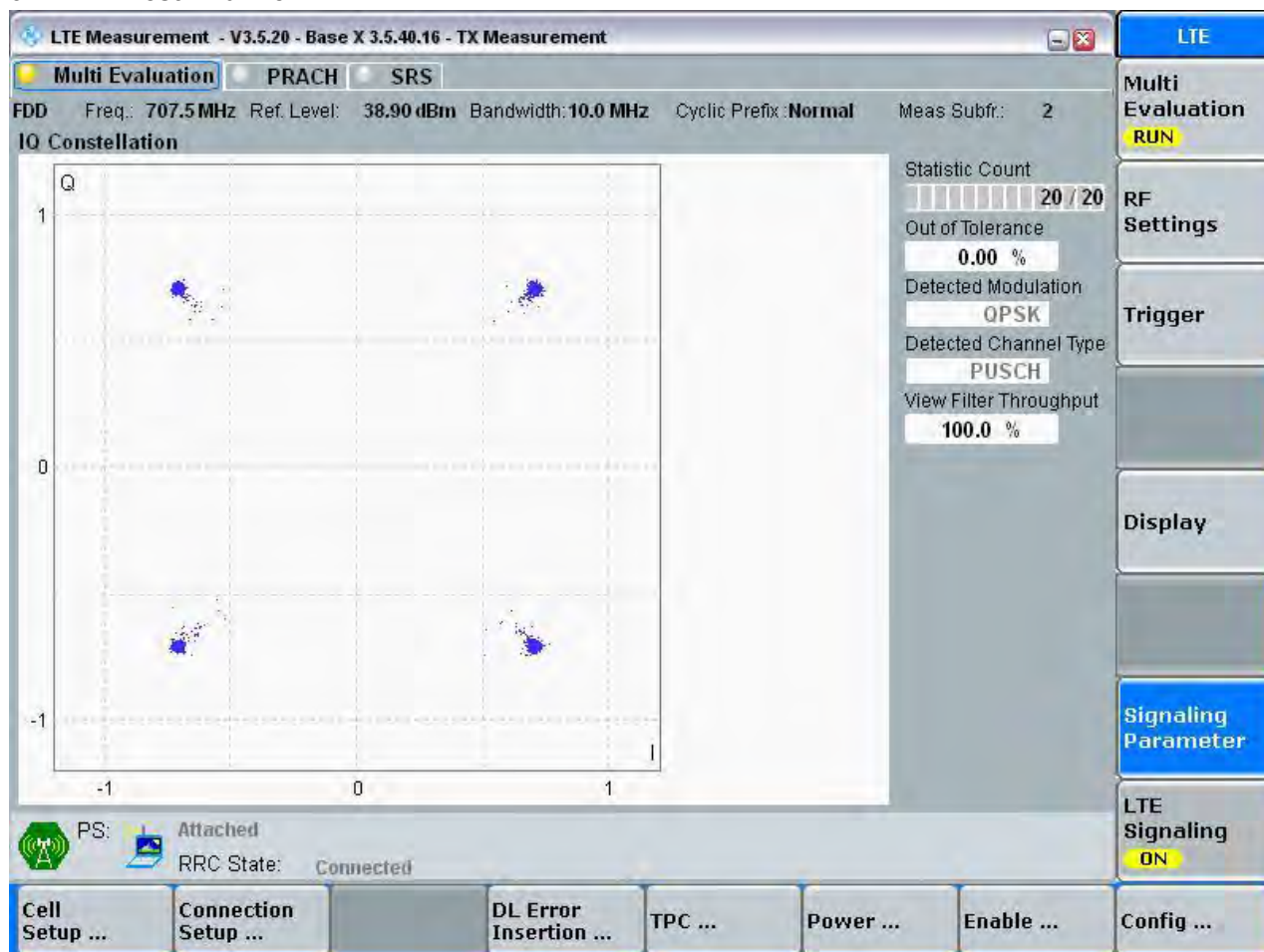
3.1.1.3.1 Test Channel = MCH





3.1.1.4 Test Mode = LTE /TM1 10MHz

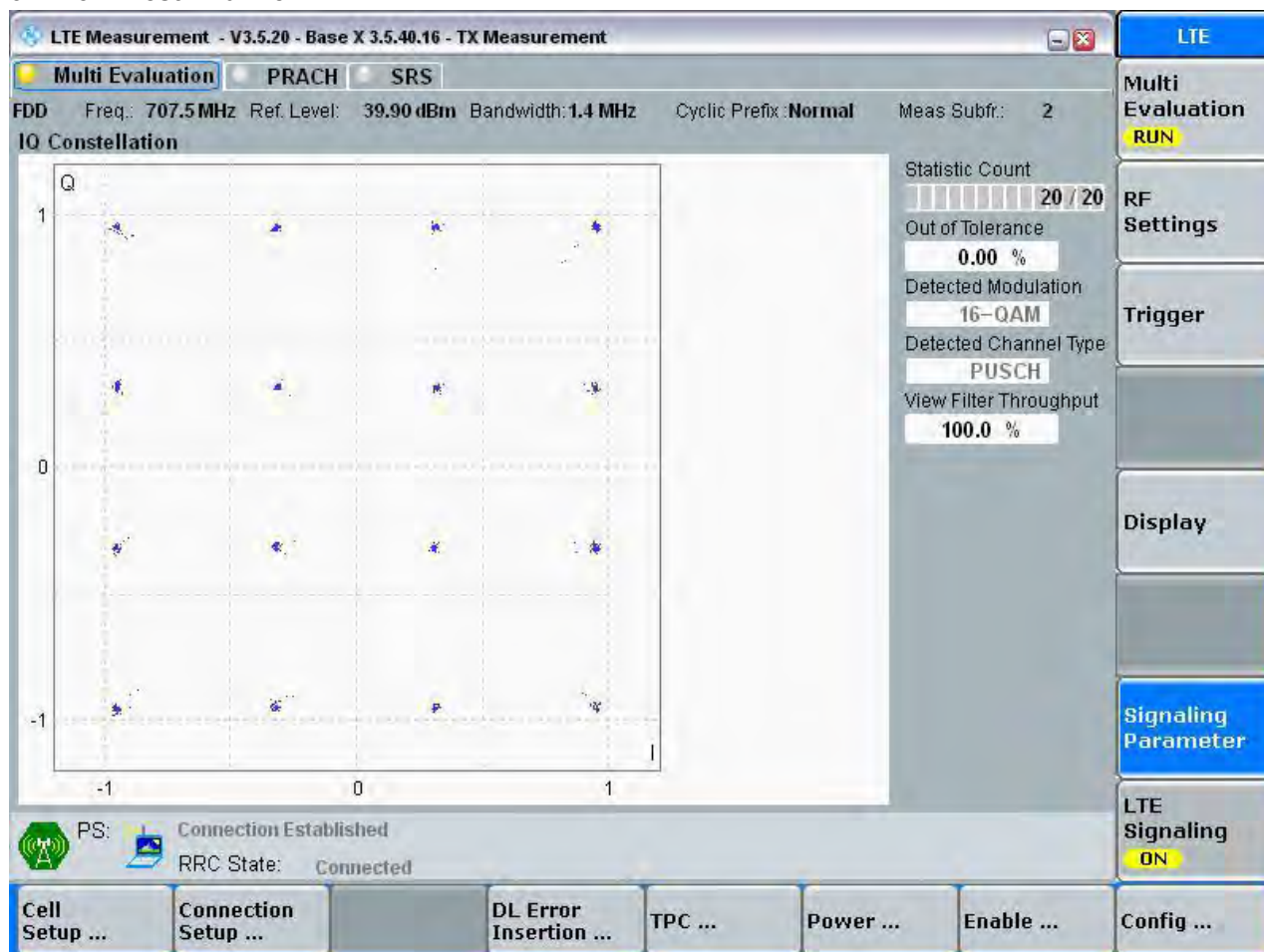
3.1.1.4.1 Test Channel = MCH





3.1.1.5 Test Mode = LTE /TM2 1.4MHz

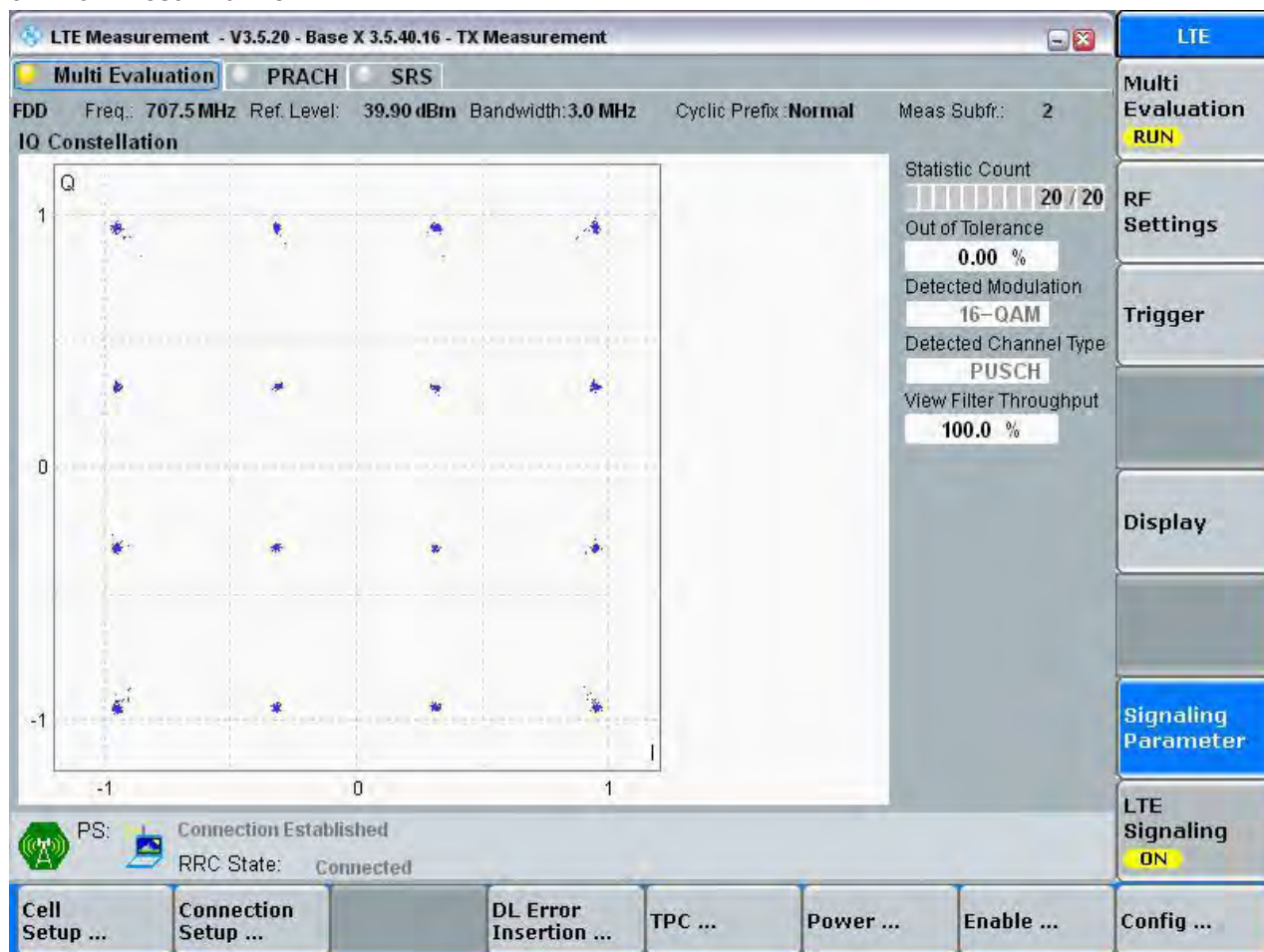
3.1.1.5.1 Test Channel = MCH





3.1.1.6 Test Mode = LTE /TM2 3MHz

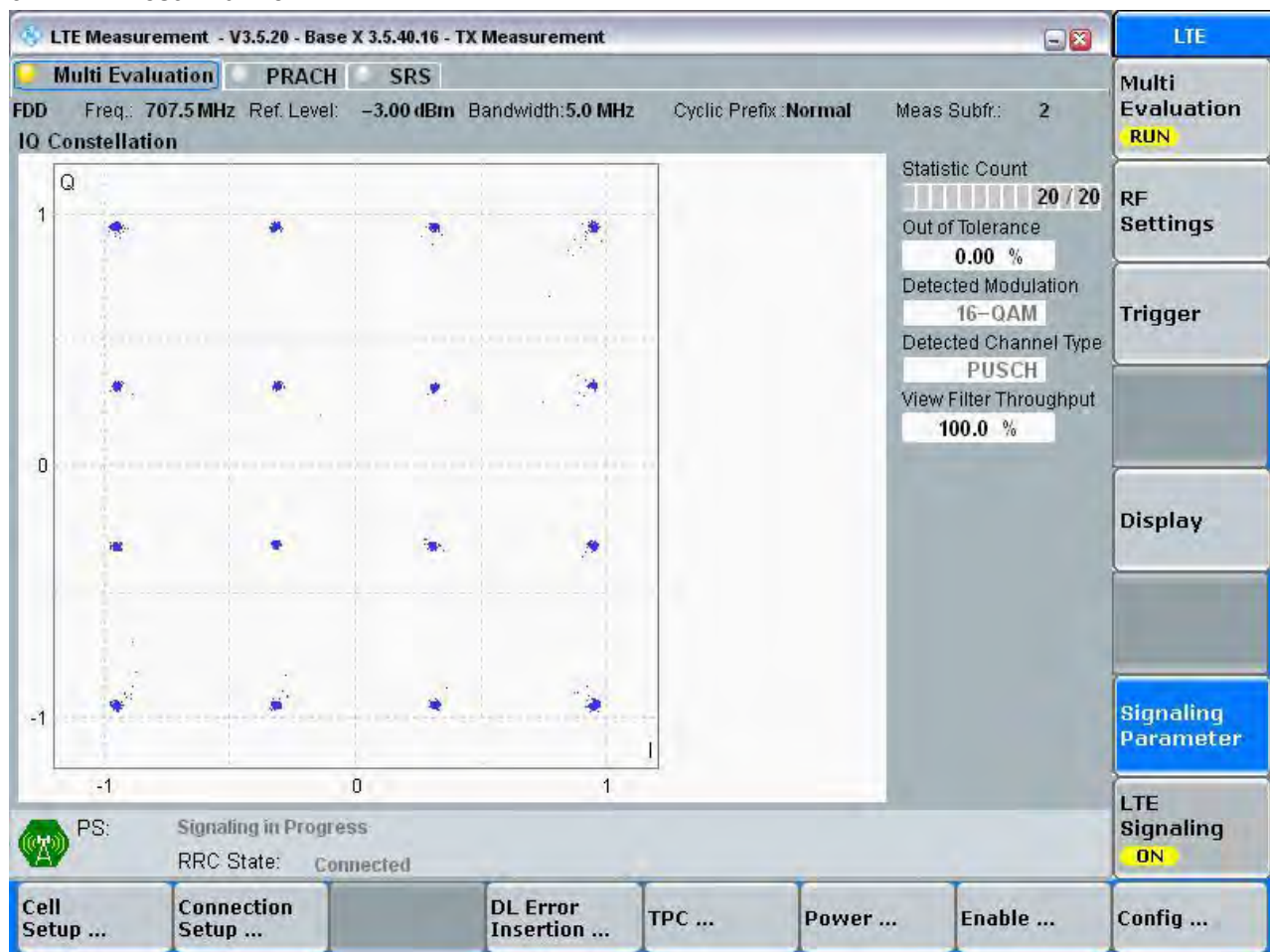
3.1.1.6.1 Test Channel = MCH





3.1.1.7 Test Mode = LTE /TM2 5MHz

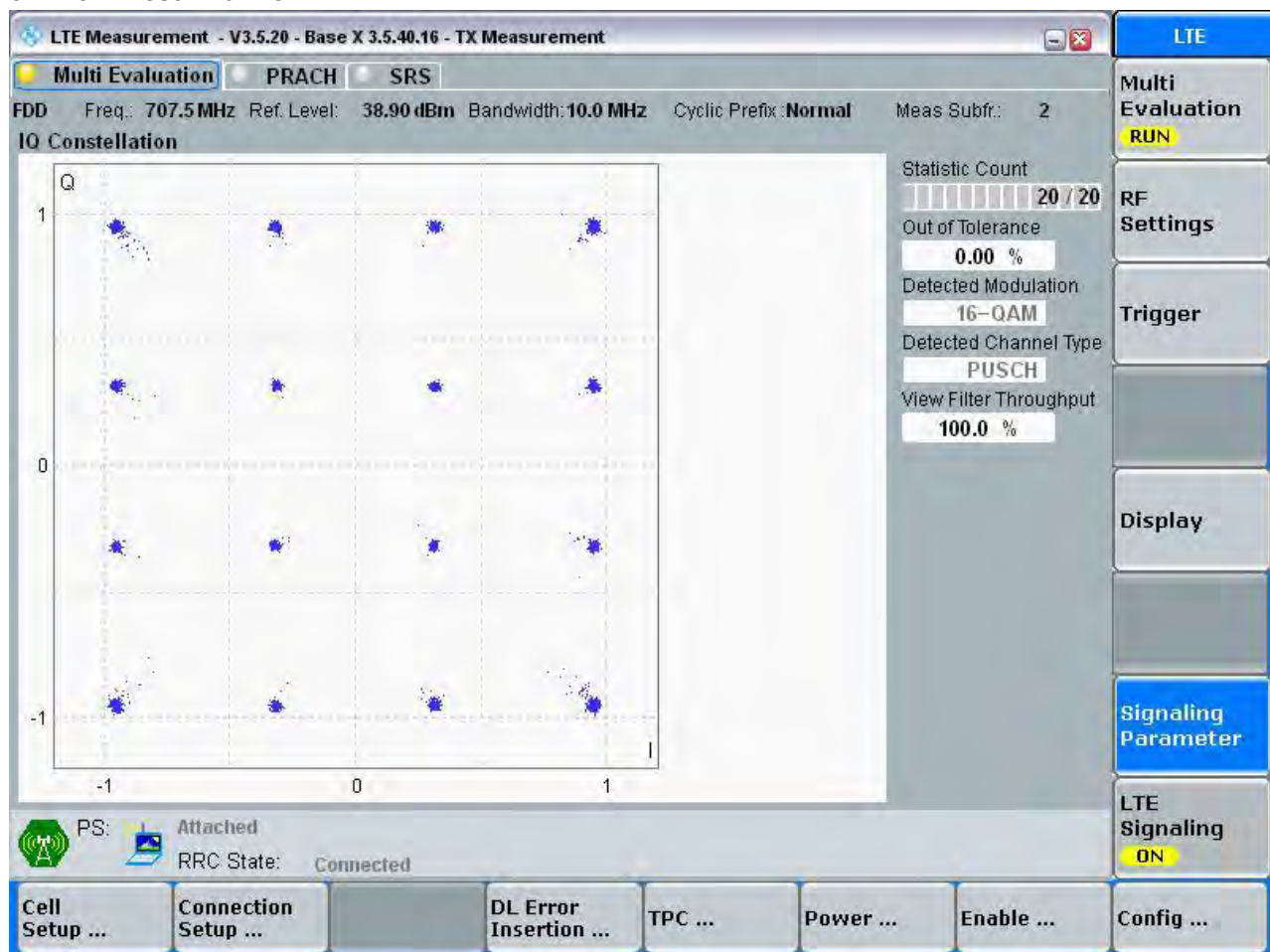
3.1.1.7.1 Test Channel = MCH





3.1.1.8 Test Mode = LTE /TM2 10MHz

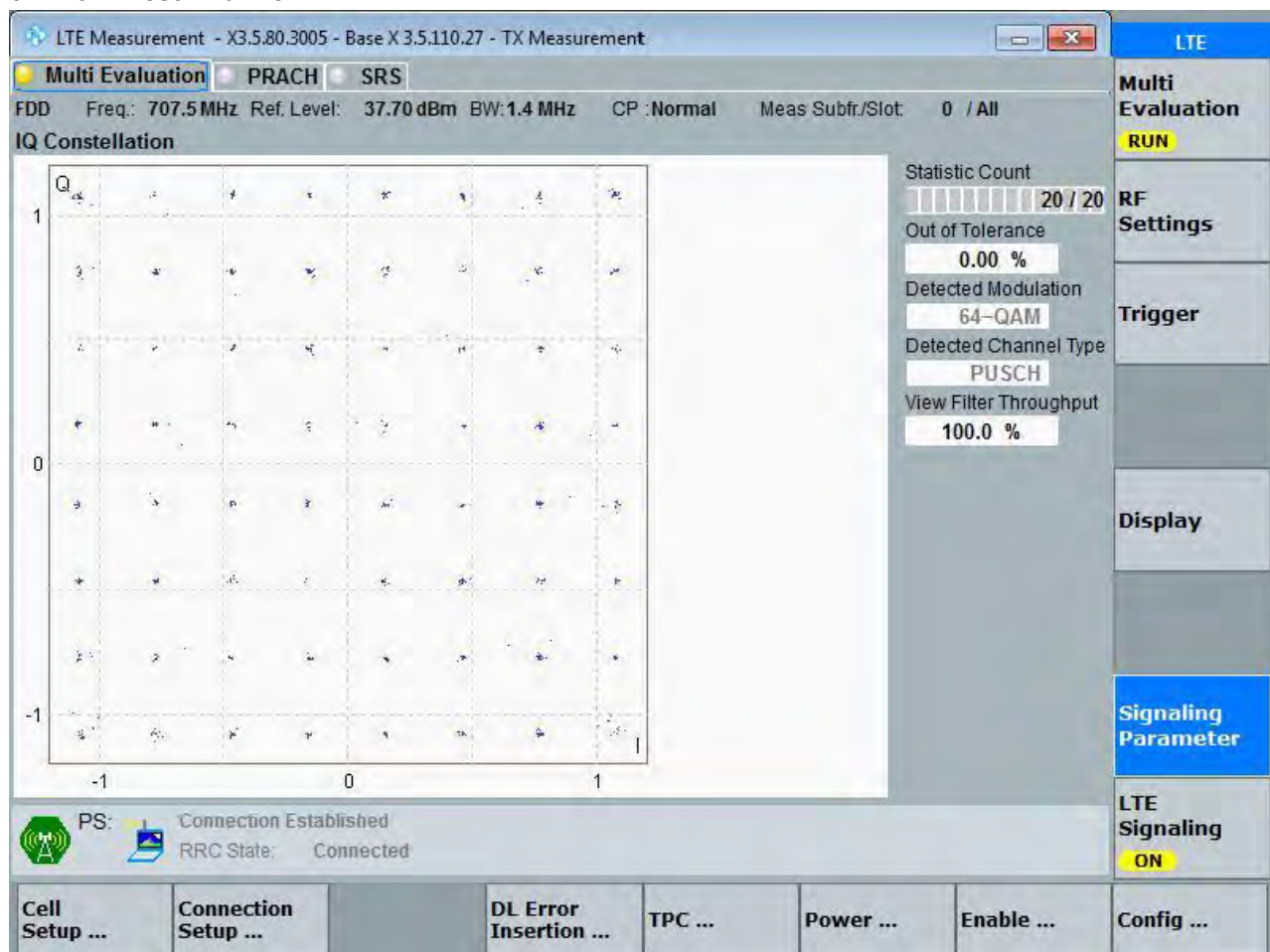
3.1.1.8.1 Test Channel = MCH





3.1.1.9 Test Mode = LTE /TM3 1.4MHz

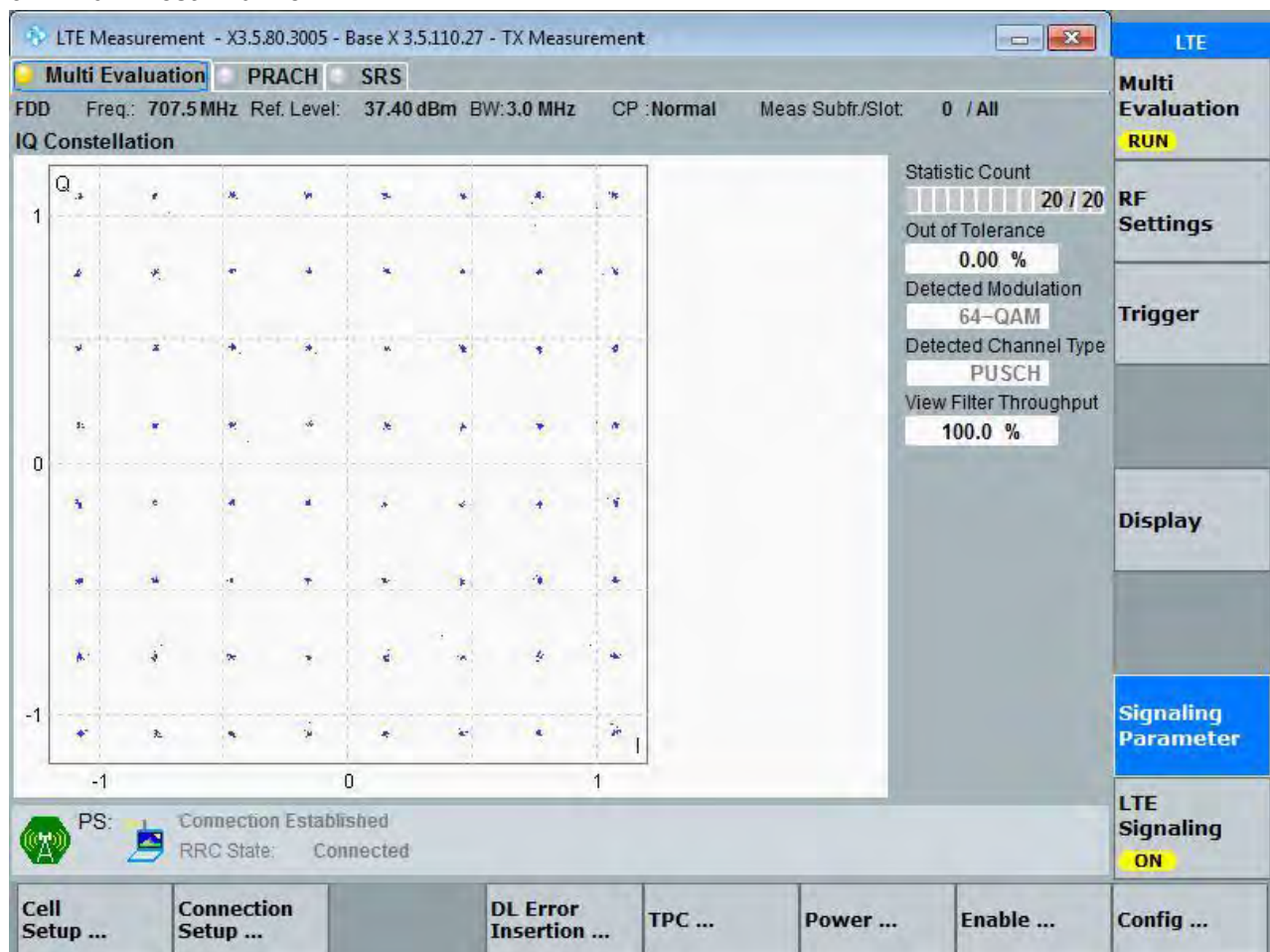
3.1.1.9.1 Test Channel = MCH





3.1.1.10 Test Mode = LTE /TM3 3MHz

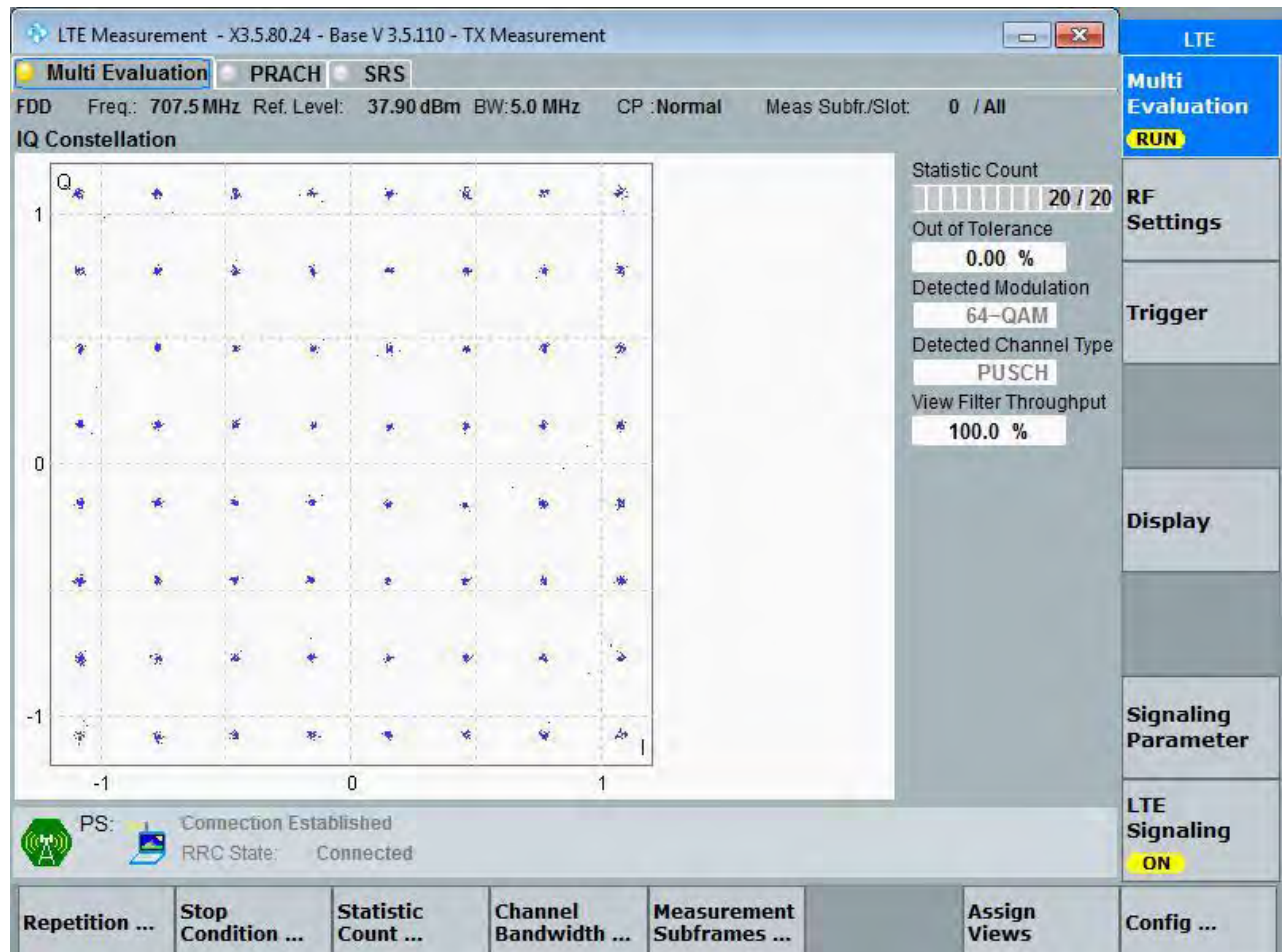
3.1.1.10.1 Test Channel = MCH





3.1.1.11 Test Mode = LTE /TM3 5MHz

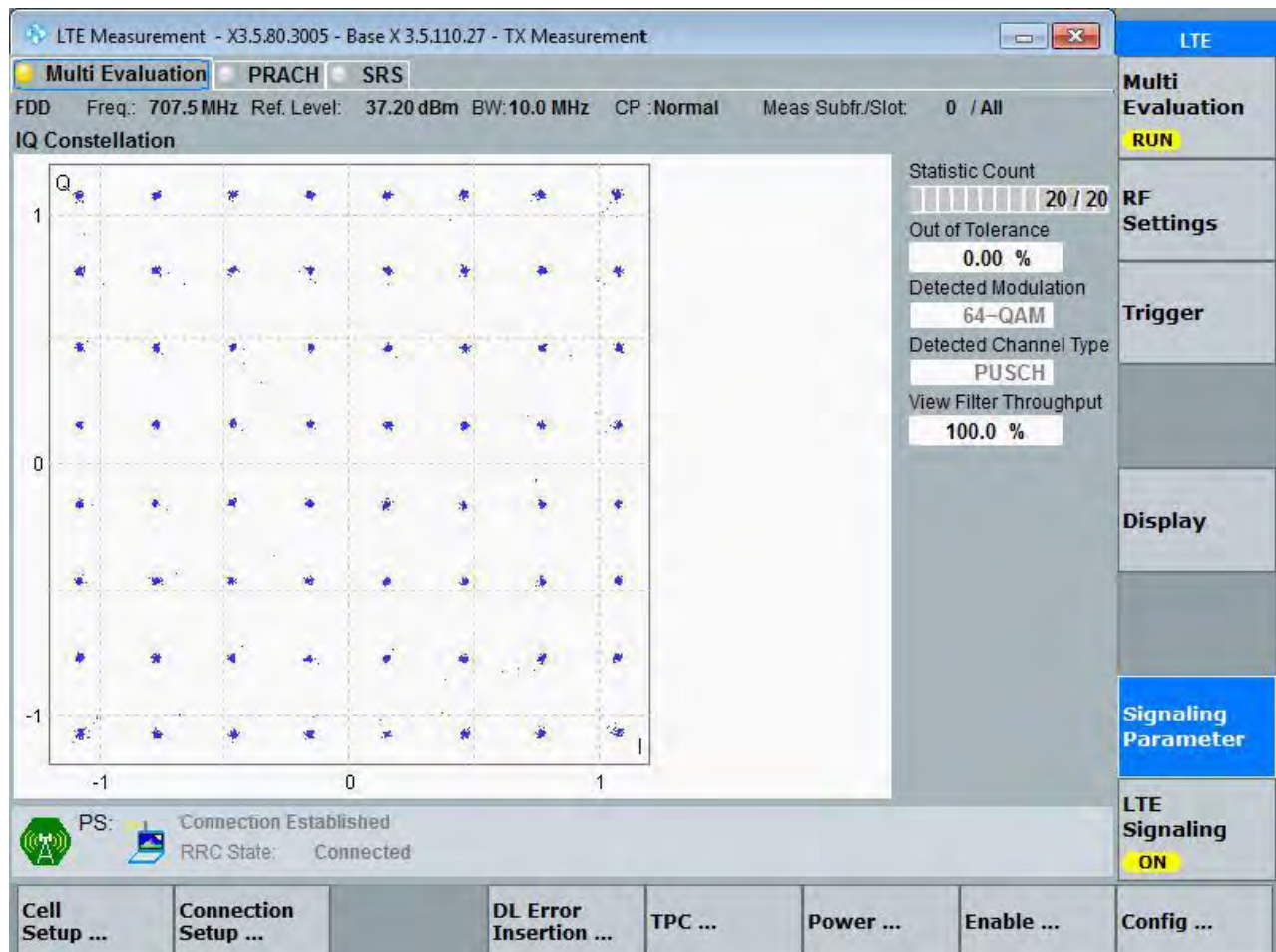
3.1.1.11.1 Test Channel = MCH





3.1.1.12 Test Mode = LTE /TM3 10MHz

3.1.1.12.1 Test Channel = MCH





4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band 12	TM1/1.4MHz	LCH	1.08	1.23	PASS
		MCH	1.08	1.22	PASS
		HCH	1.09	1.22	PASS
	TM2/1.4MHz	LCH	1.09	1.23	PASS
		MCH	1.08	1.21	PASS
		HCH	1.08	1.23	PASS
	TM3/1.4MHz	LCH	1.09	1.24	PASS
		MCH	1.08	1.22	PASS
		HCH	1.09	1.23	PASS
	TM1/ 3MHz	LCH	2.68	2.93	PASS
		MCH	2.68	2.94	PASS
		HCH	2.68	2.95	PASS
	TM2/3MHz	LCH	2.68	2.96	PASS
		MCH	2.68	2.95	PASS
		HCH	2.68	2.95	PASS
	TM3/3MHz	LCH	2.68	2.94	PASS
		MCH	2.68	2.91	PASS
		HCH	2.69	2.90	PASS
	TM1/ 5MHz	LCH	4.47	4.89	PASS
		MCH	4.48	4.91	PASS
		HCH	4.46	4.87	PASS
	TM2/ 5MHz	LCH	4.47	4.84	PASS
		MCH	4.48	4.89	PASS
		HCH	4.47	4.90	PASS
	TM3/5MHz	LCH	4.47	4.85	PASS
		MCH	4.48	4.87	PASS
		HCH	4.47	4.86	PASS
	TM1/10MHz	LCH	8.93	9.64	PASS
		MCH	8.95	9.70	PASS
		HCH	8.92	9.63	PASS
	TM2/ 10MHz	LCH	8.93	9.58	PASS
		MCH	8.95	9.67	PASS
		HCH	8.92	9.62	PASS
	TM3/ 10MHz	LCH	8.91	9.57	PASS

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Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		MCH	8.93	9.65	PASS
		HCH	8.91	9.59	PASS

4.1 For LTE

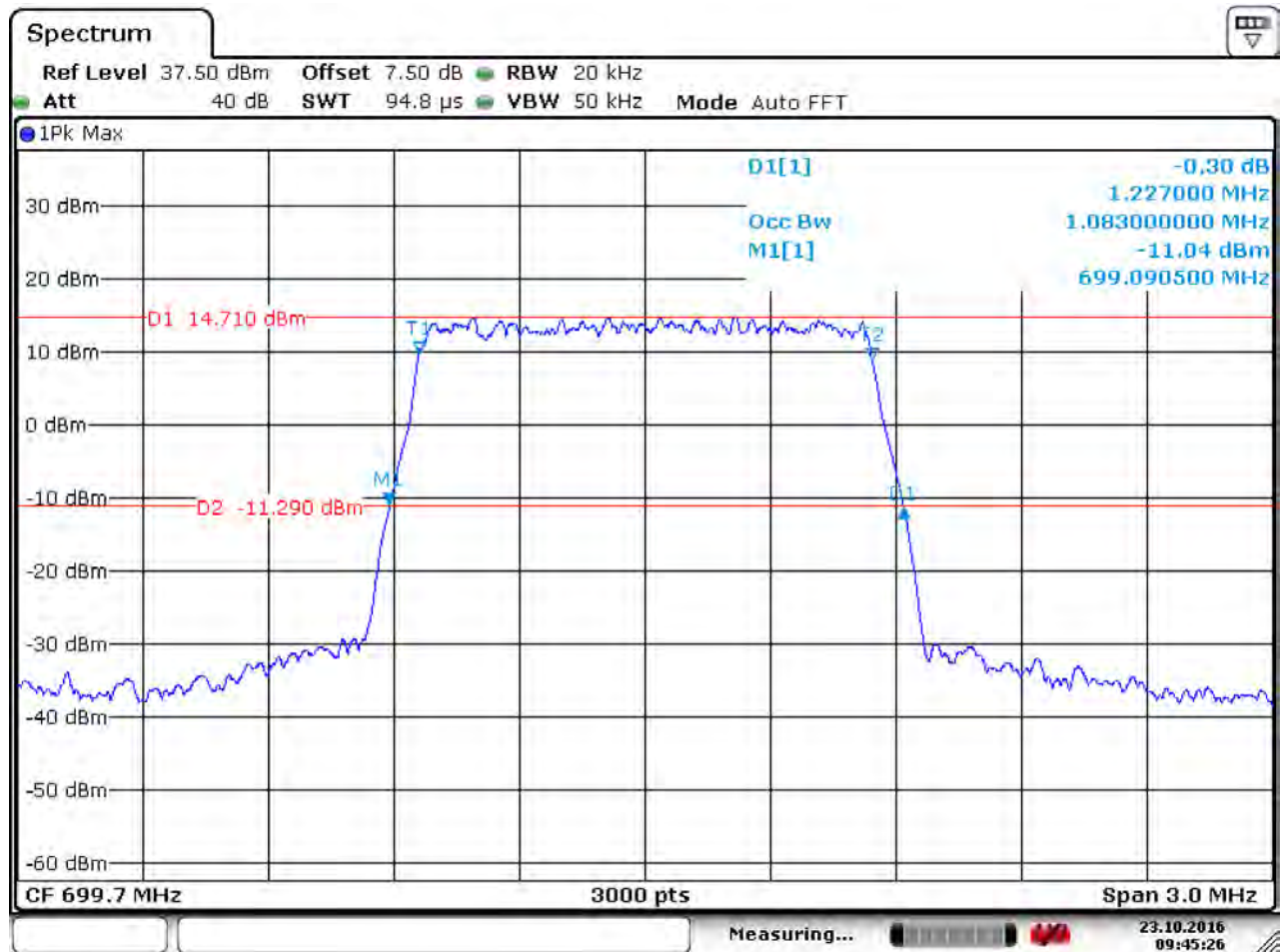
4.1.1 Test Band = LTE band12

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

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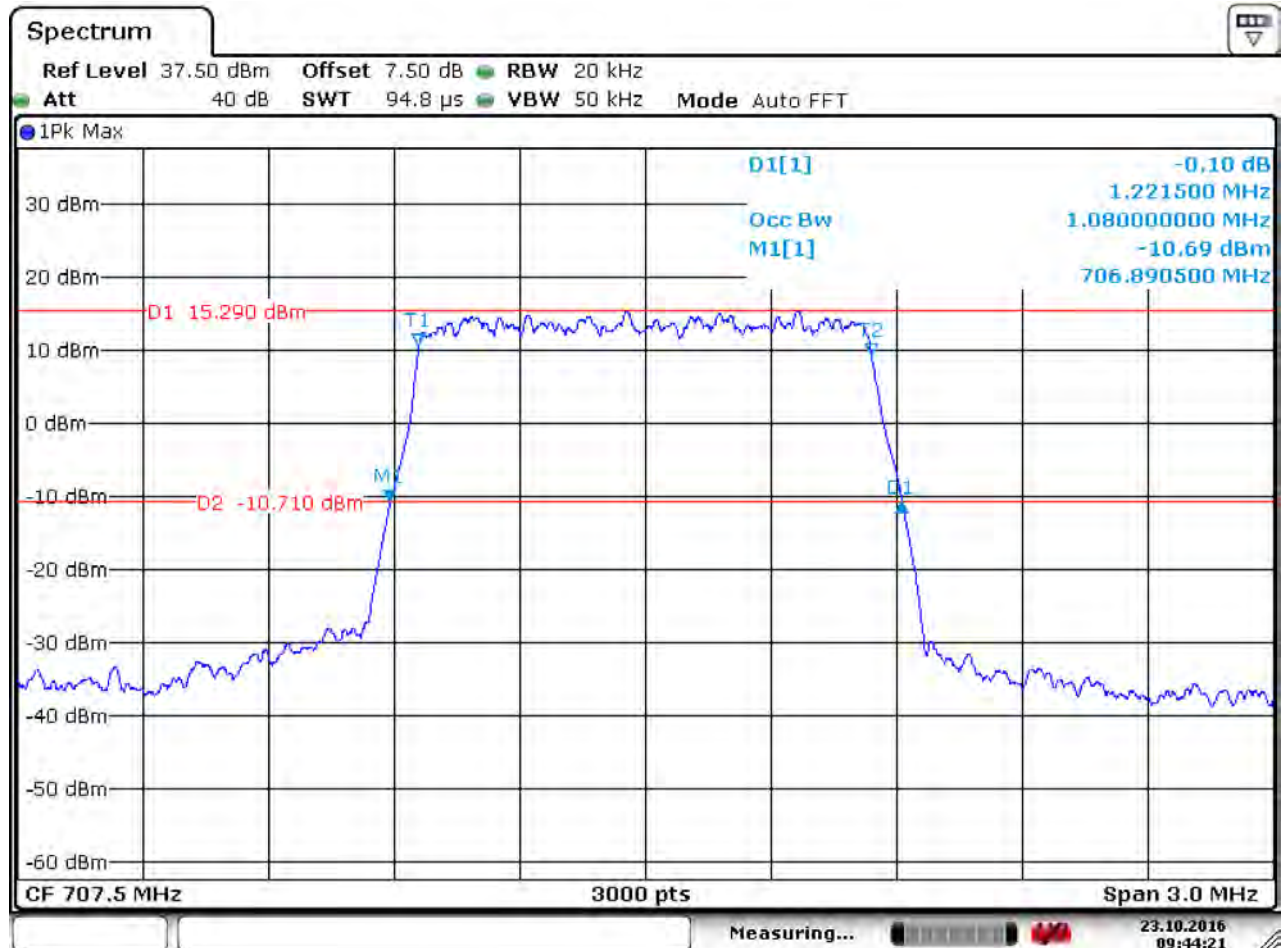
4.1.1.1.1 Test Channel = LCH



Date: 23.OCT.2016 09:45:26



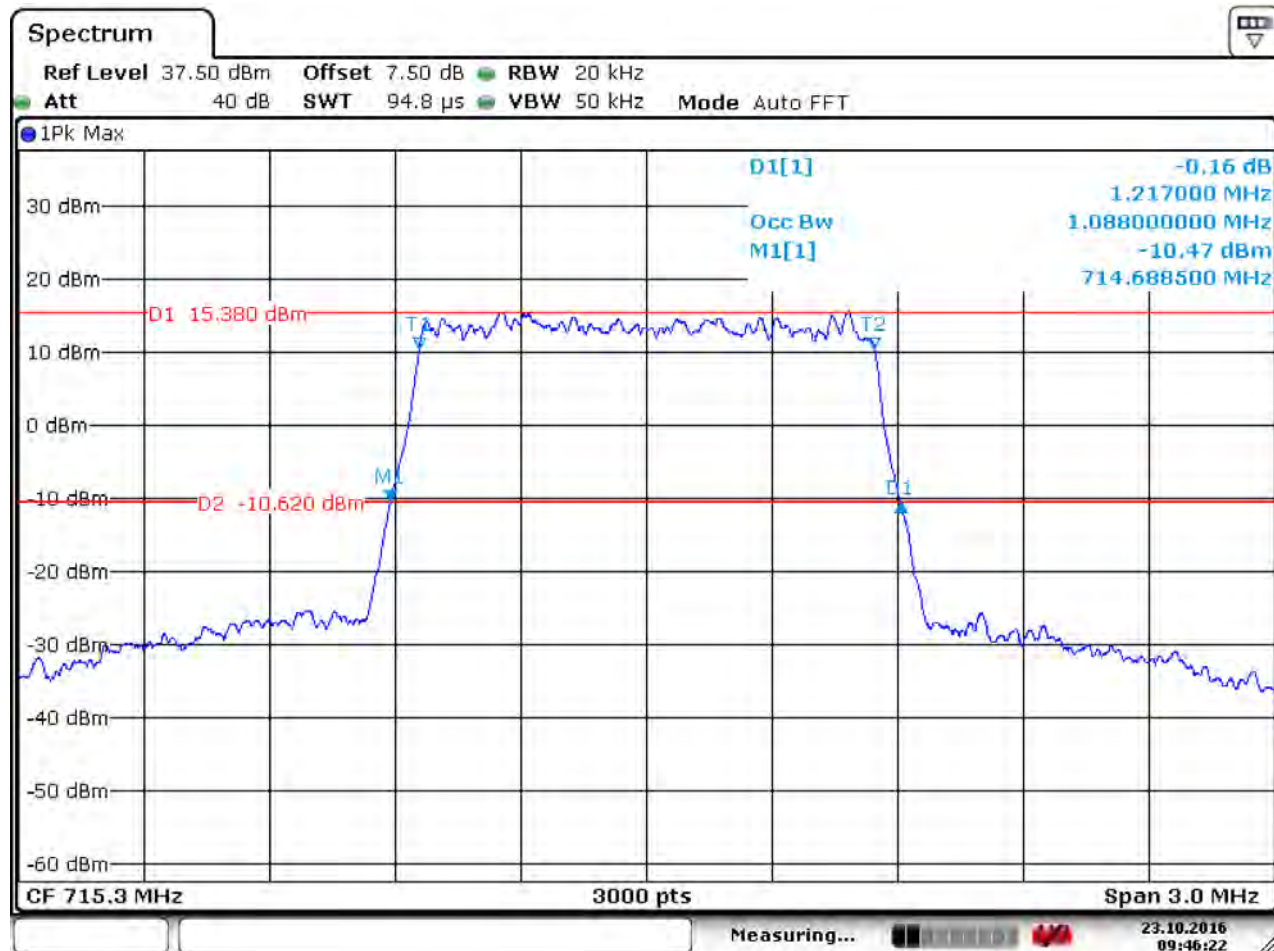
4.1.1.1.2 Test Channel = MCH



Date: 23.OCT.2016 09:44:21



4.1.1.1.3 Test Channel = HCH

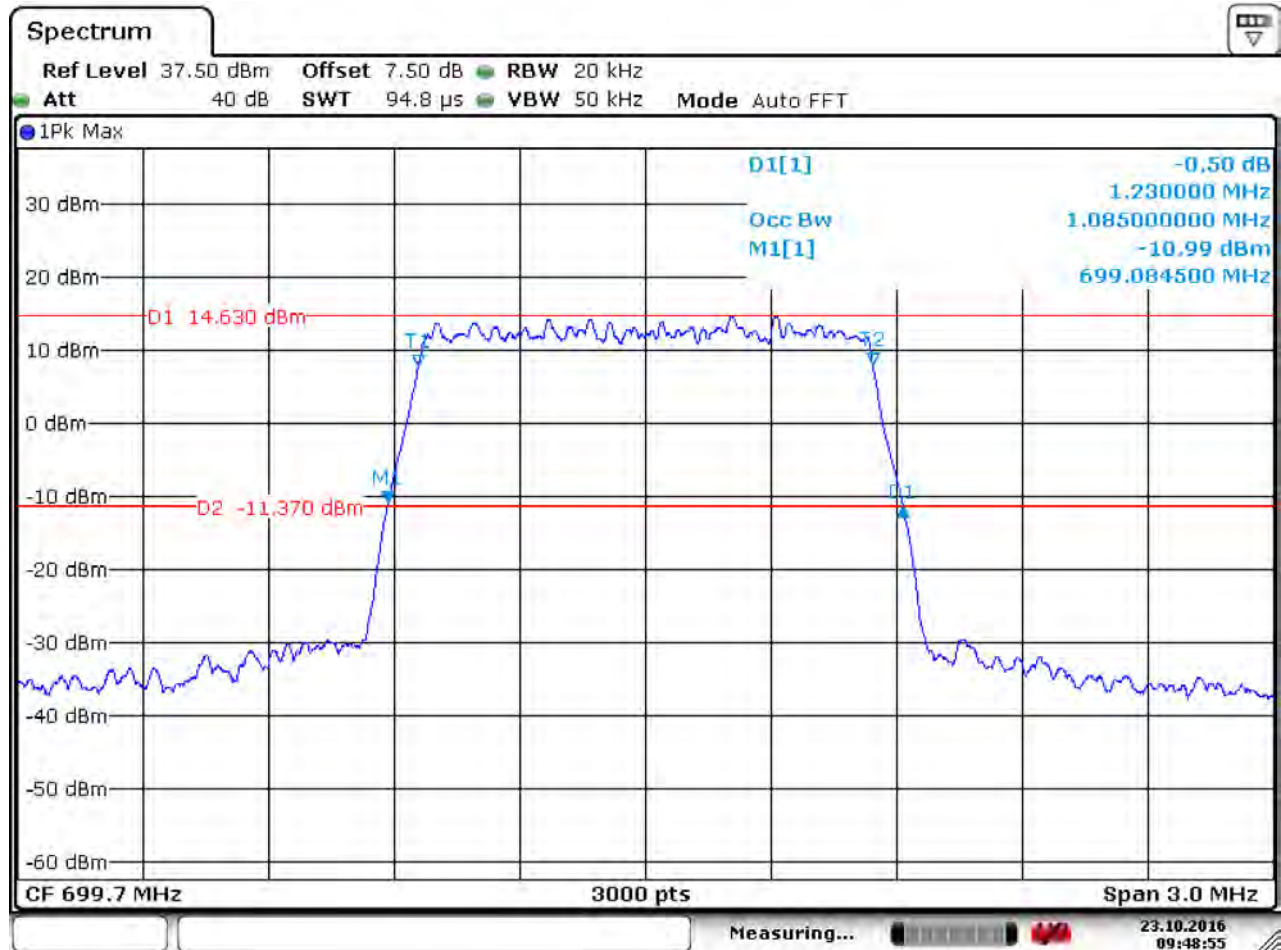


Date: 23.OCT.2016 09:46:23



4.1.1.2 Test Mode = LTE/TM2 1.4MHz

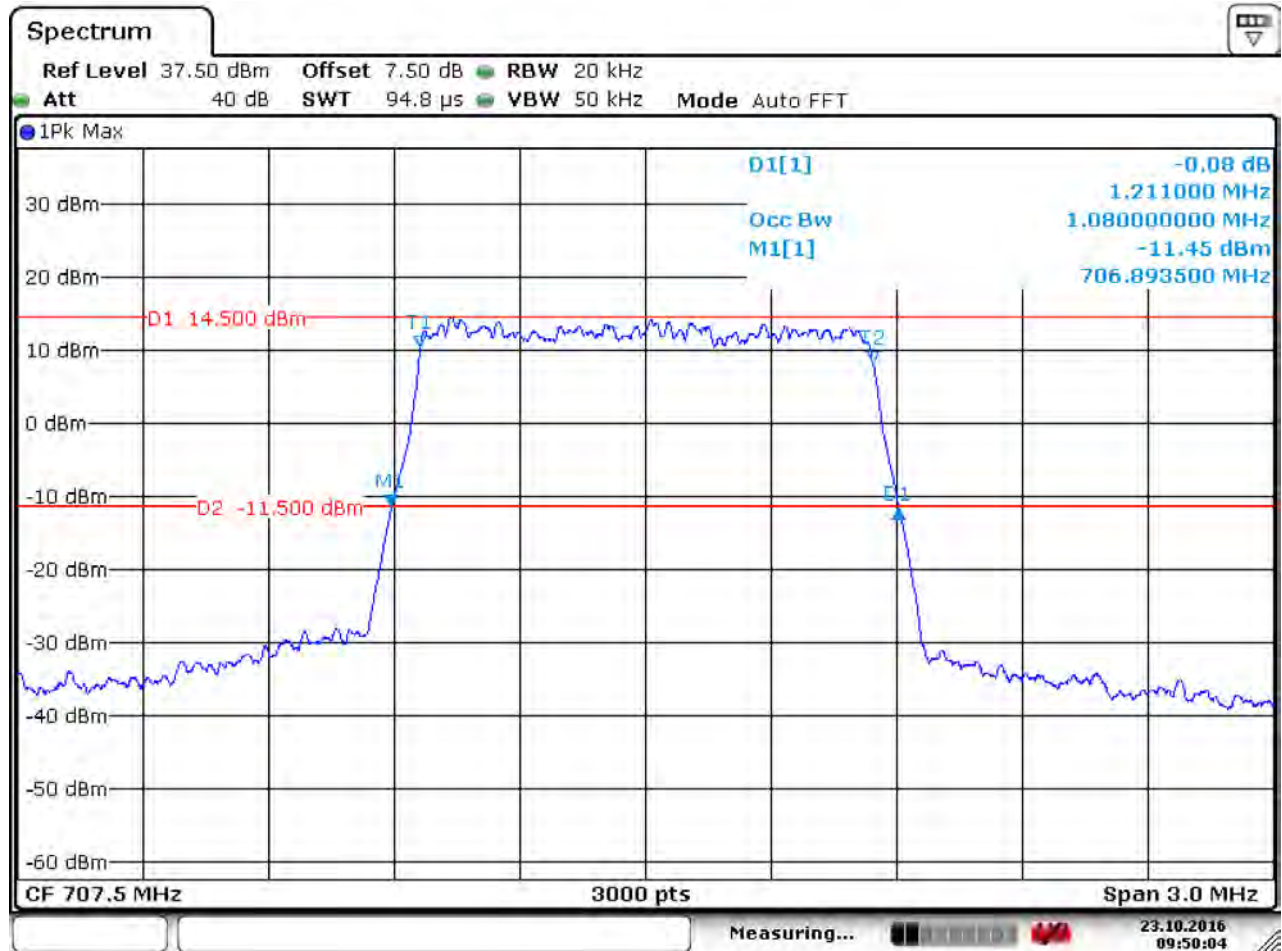
4.1.1.2.1 Test Channel = LCH



Date: 23.OCT.2016 09:48:56



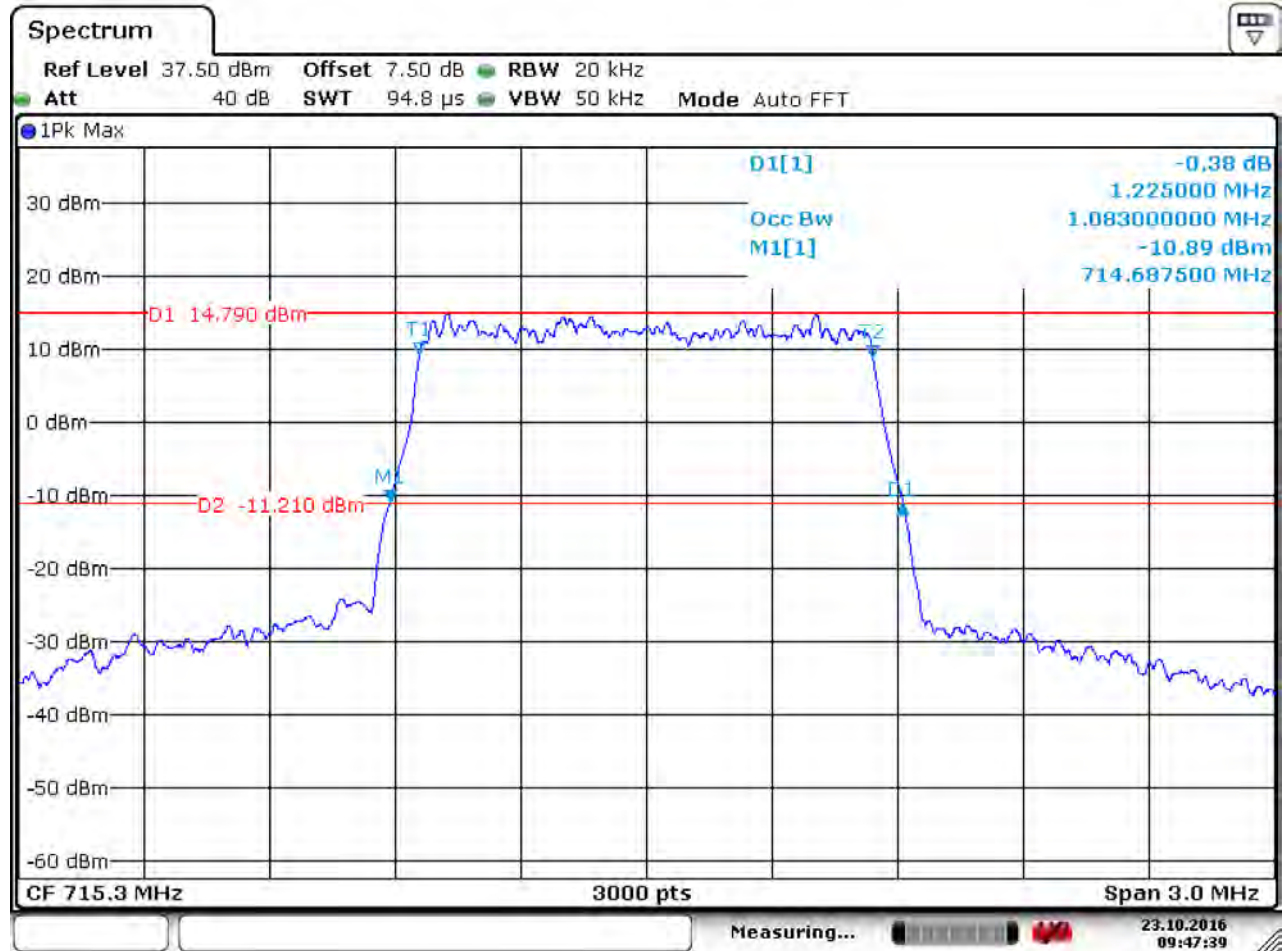
4.1.1.2.2 Test Channel = MCH



Date: 23.OCT.2016 09:50:04



4.1.1.2.3 Test Channel = HCH

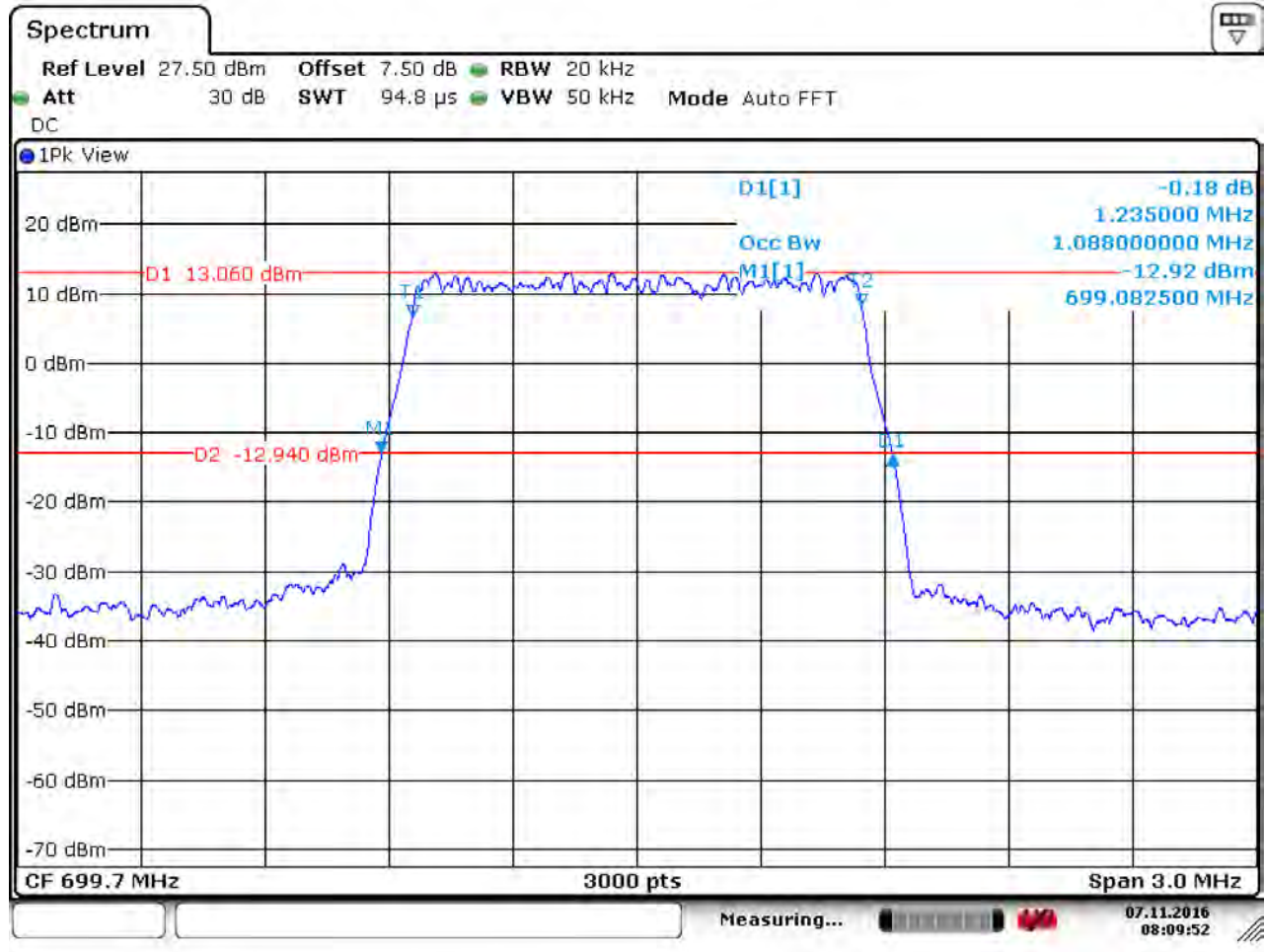


Date: 23.OCT.2016 09:47:40



4.1.1.3 Test Mode = LTE/TM3 1.4MHz

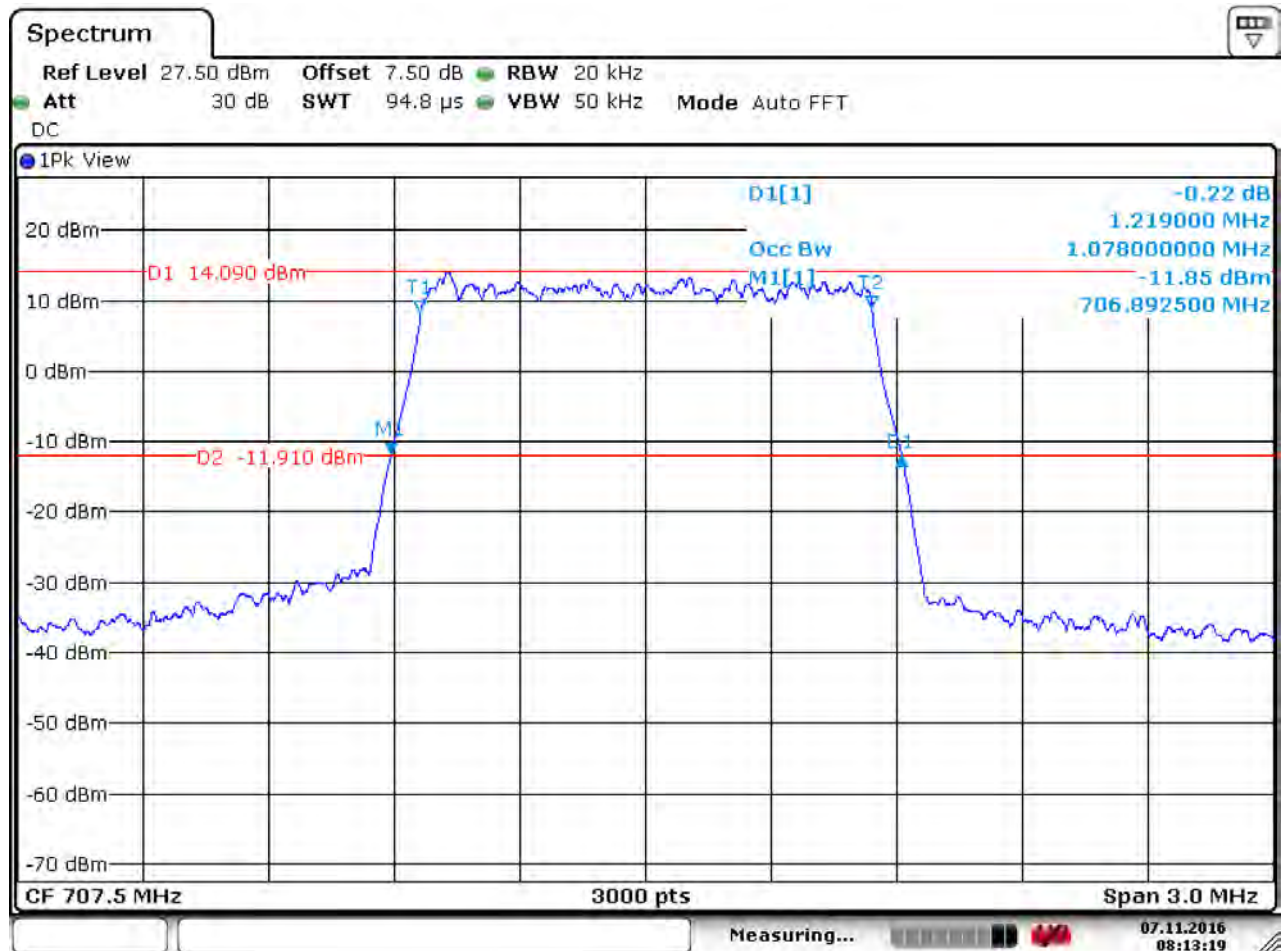
4.1.1.3.1 Test Channel = LCH



Date: 7.NOV.2016 08:09:52



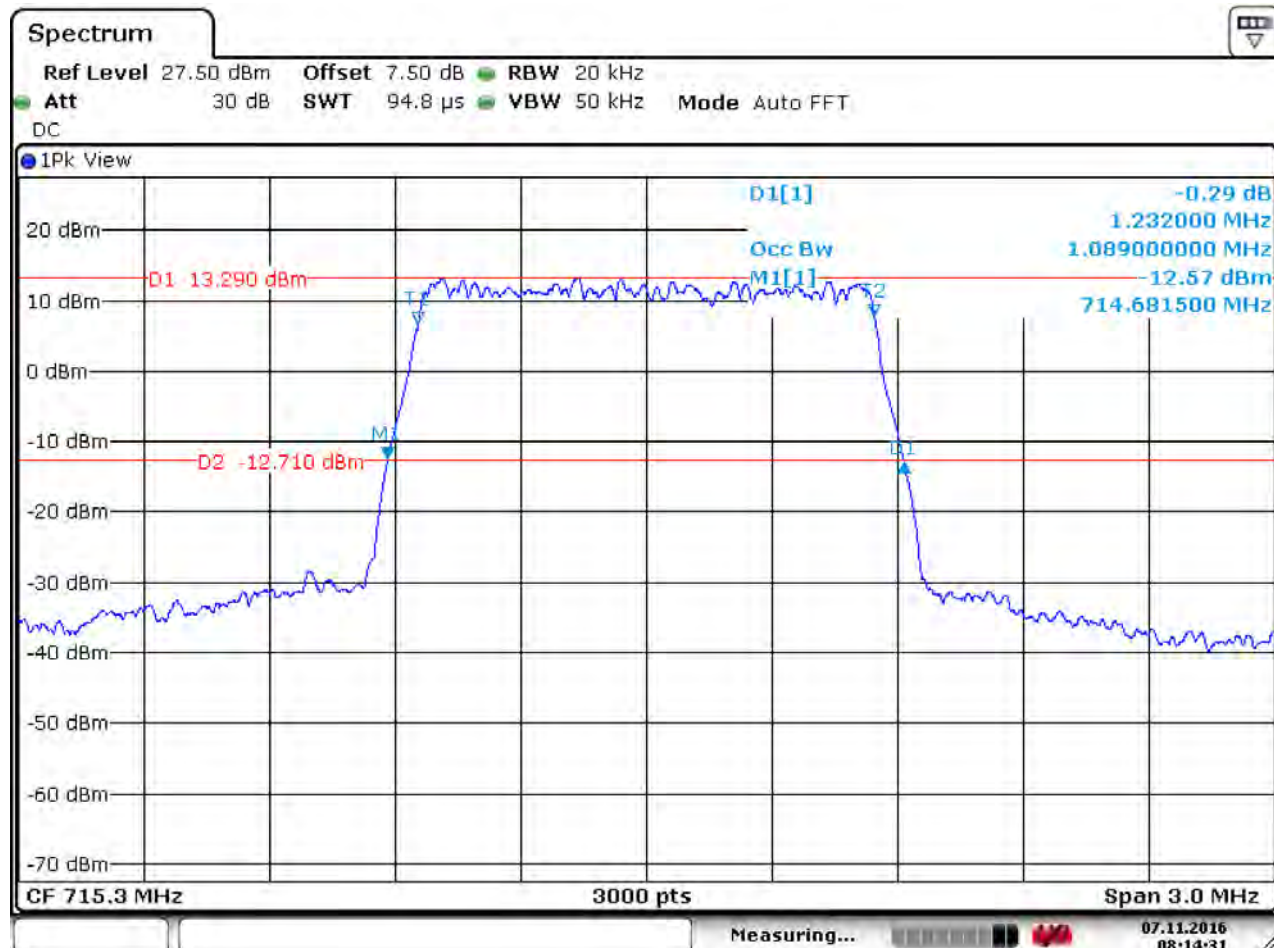
4.1.1.3.2 Test Channel = MCH



Date: 7.NOV.2016 08:13:19



4.1.1.3.3 Test Channel = HCH

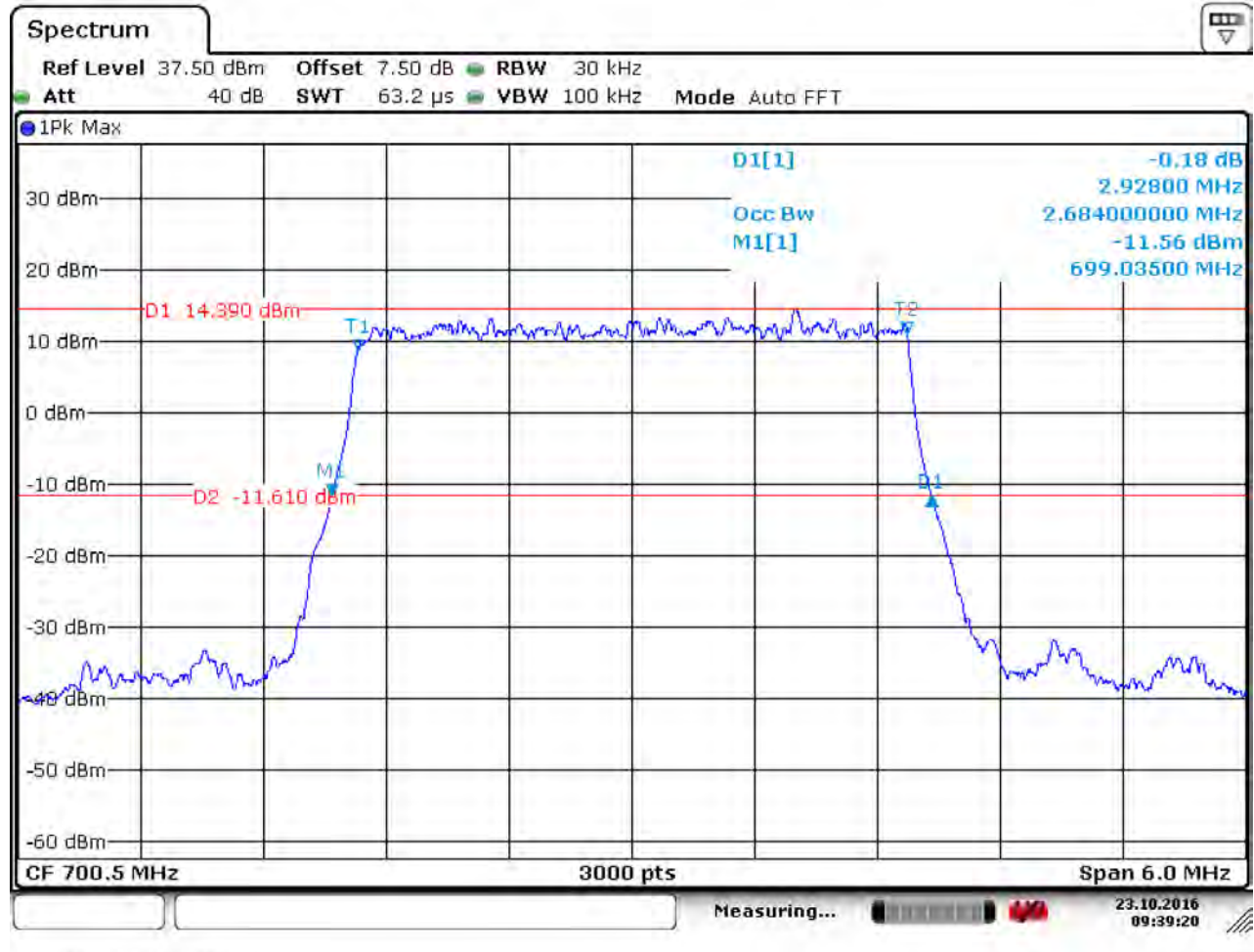


Date: 7.NOV.2016 08:14:31



4.1.1.4 Test Mode = LTE/TM1 3MHz

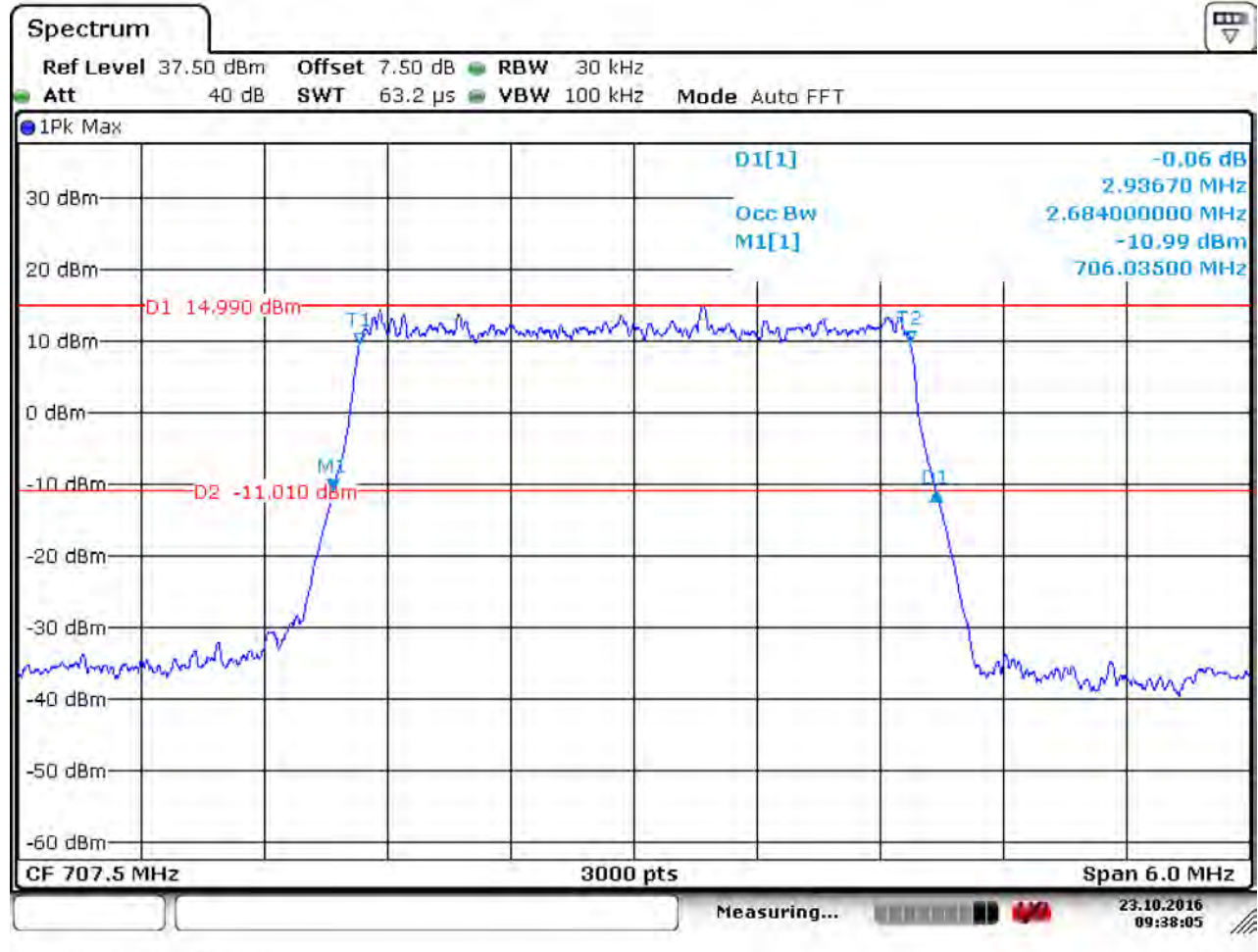
4.1.1.4.1 Test Channel = LCH



Date: 23.OCT.2016 09:39:21



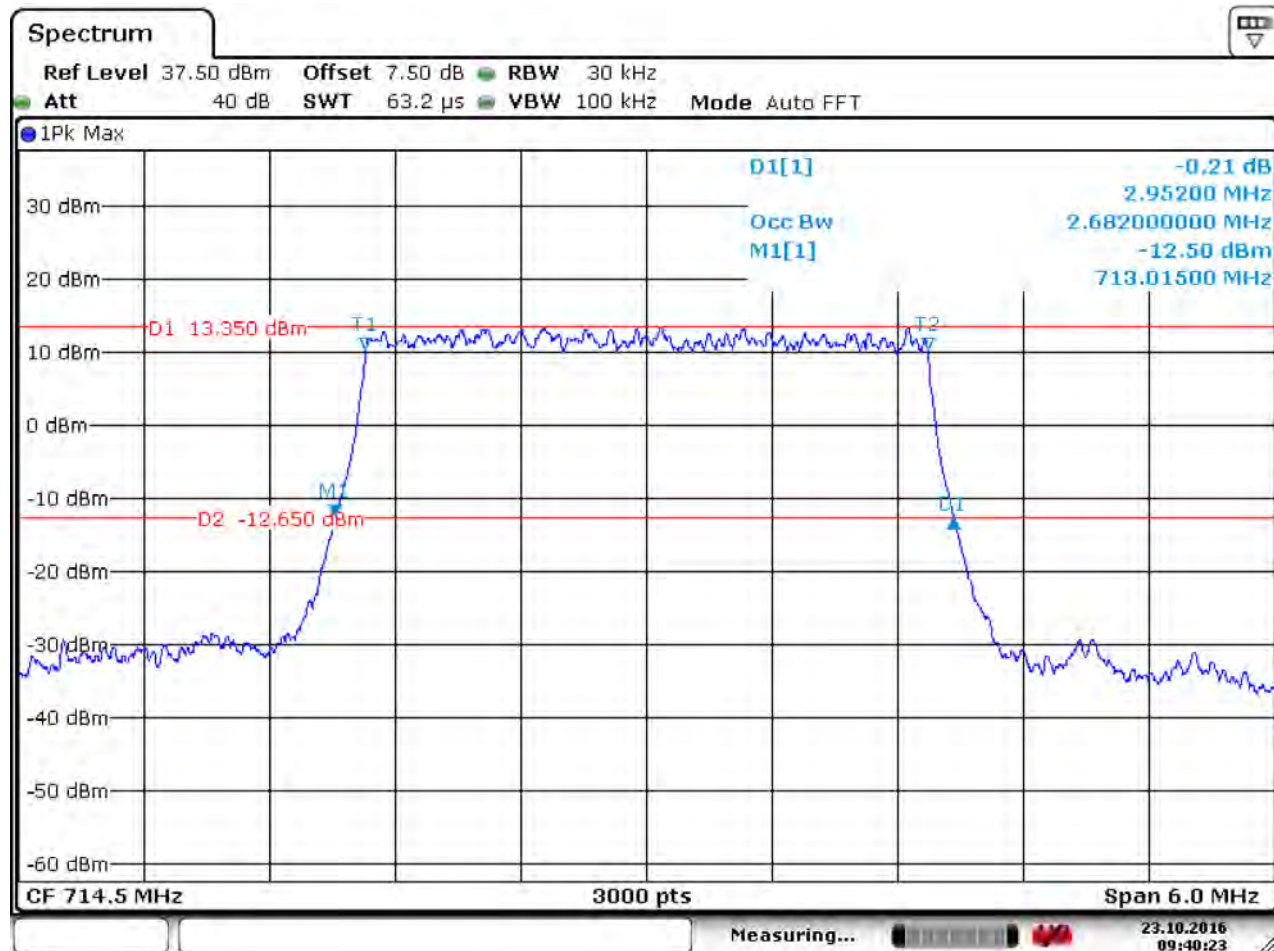
4.1.1.4.2 Test Channel = MCH



Date: 23.OCT.2016 09:38:06



4.1.1.4.3 Test Channel = HCH

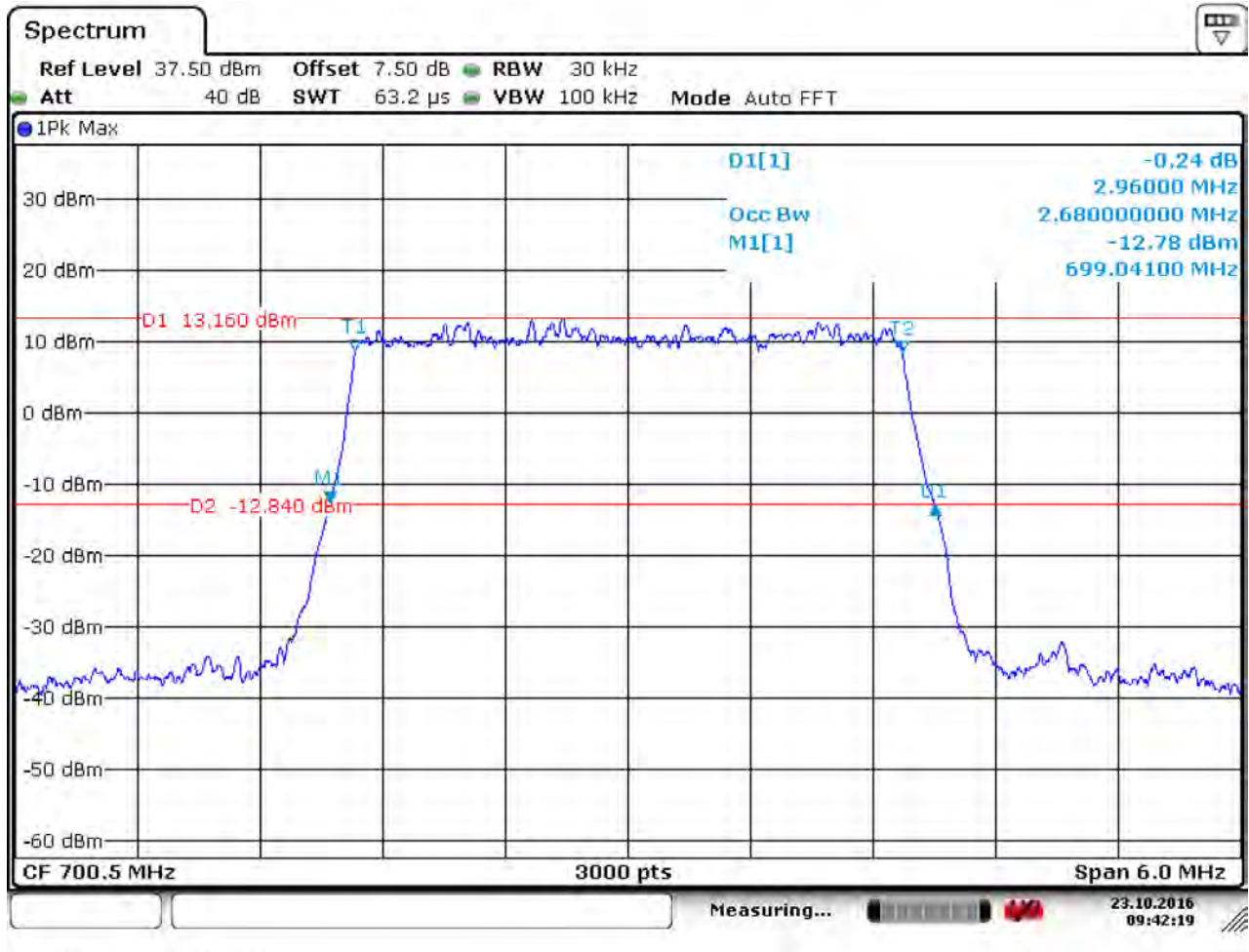


Date: 23.OCT.2016 09:40:24



4.1.1.5 Test Mode = LTE/TM2 3MHz

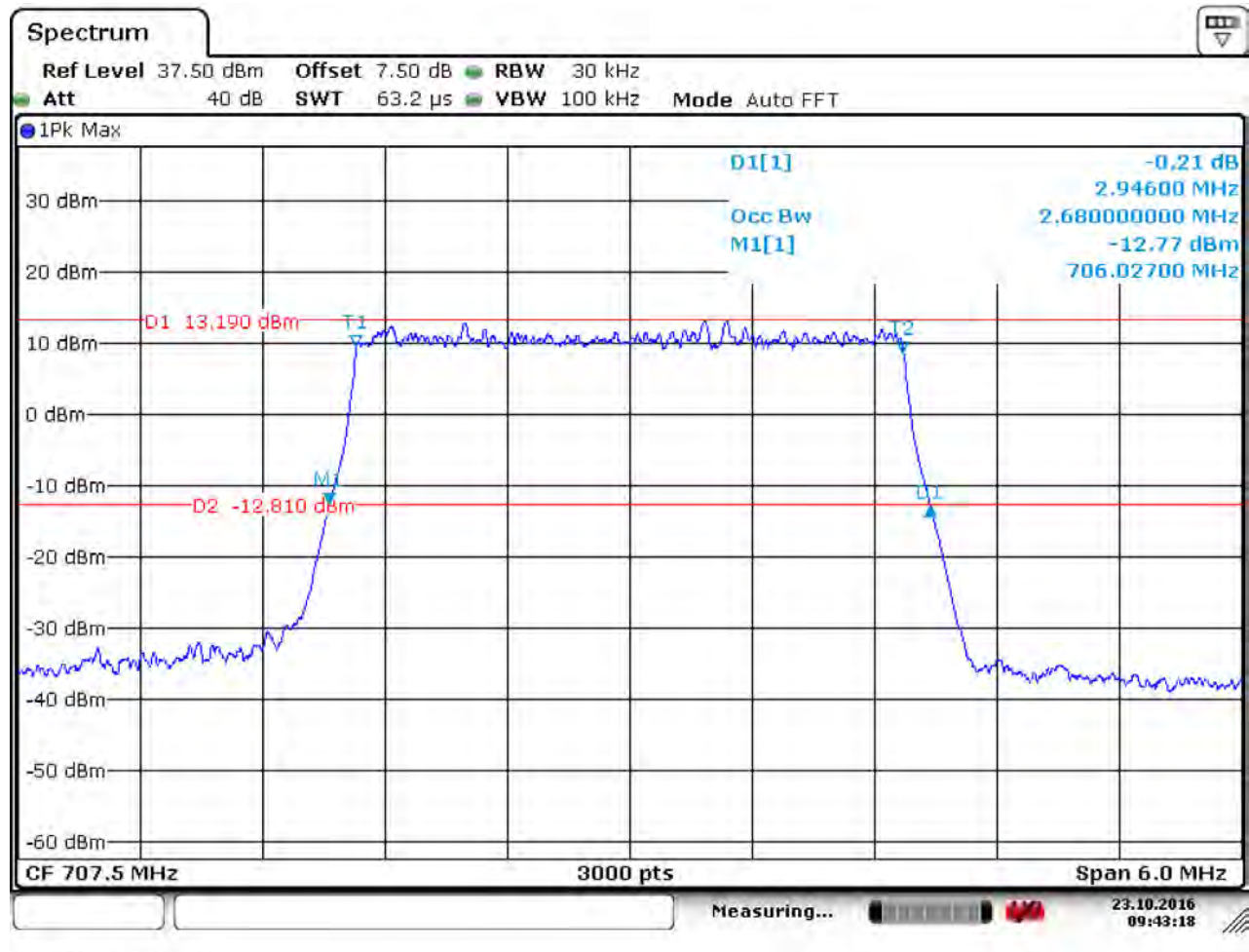
4.1.1.5.1 Test Channel = LCH



Date: 23.OCT.2016 09:42:20



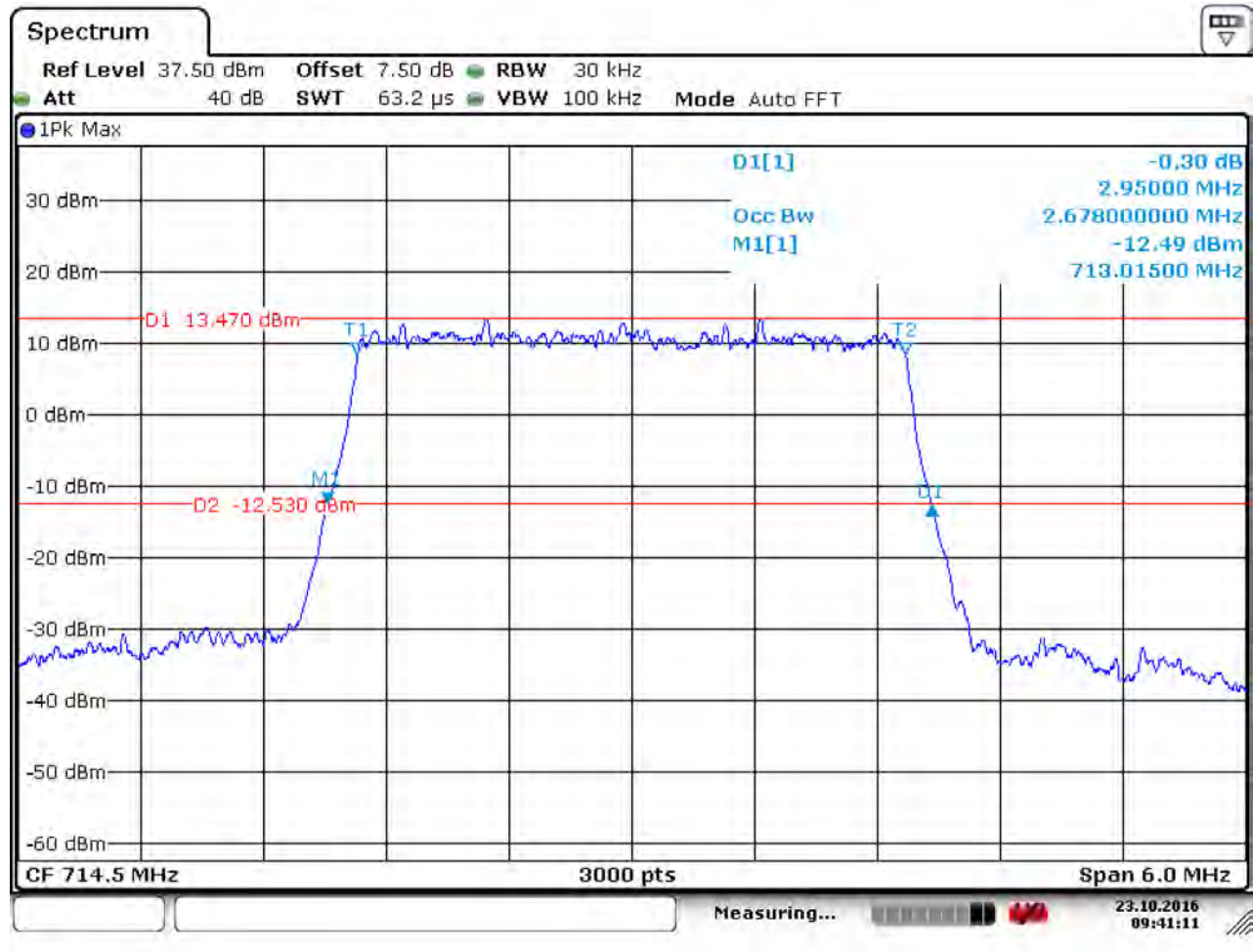
4.1.1.5.2 Test Channel = MCH



Date: 23.OCT.2016 09:43:18



4.1.1.5.3 Test Channel = HCH

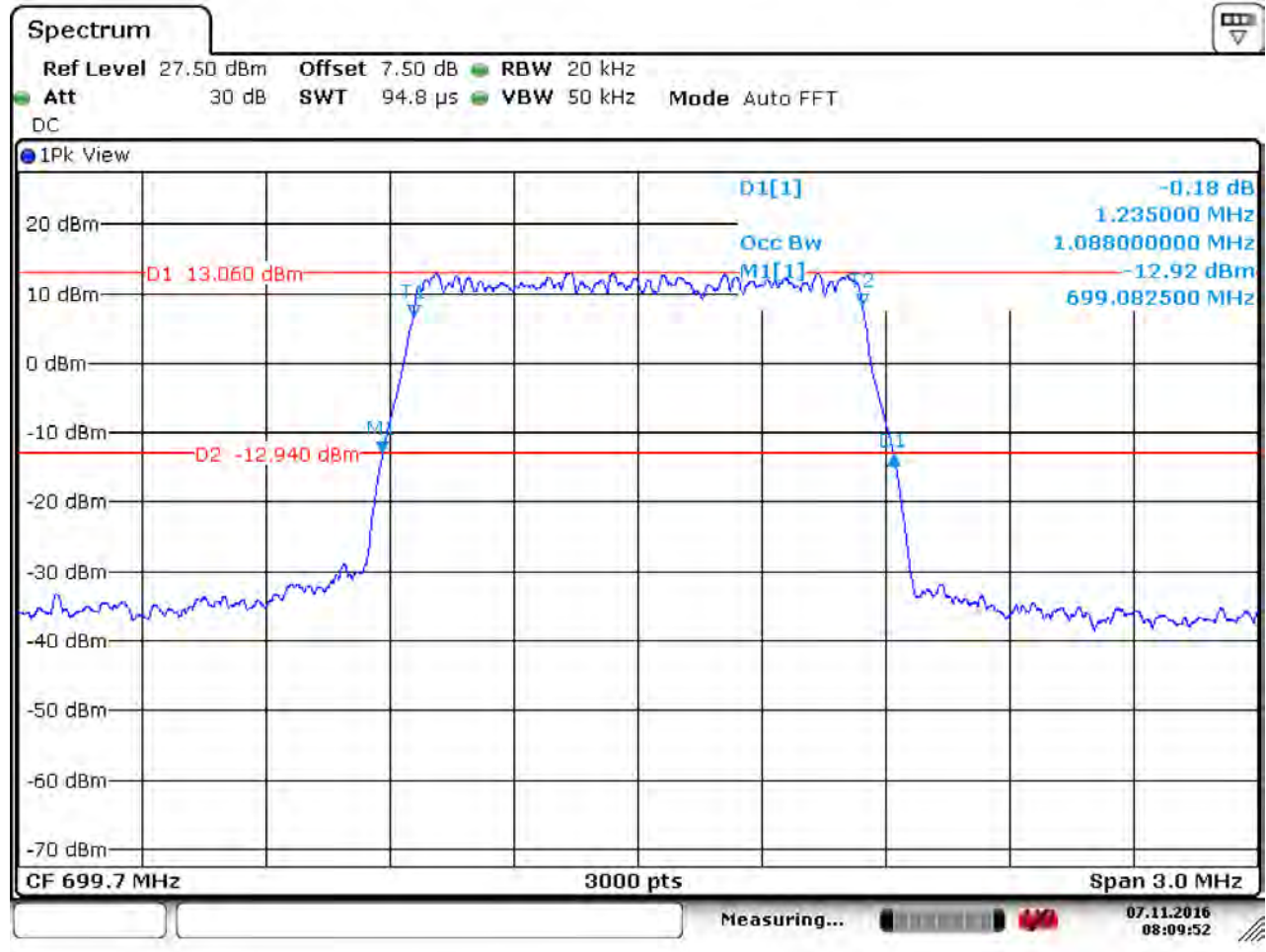


Date: 23.OCT.2016 09:41:11



4.1.1.6 Test Mode = LTE/TM3 3MHz

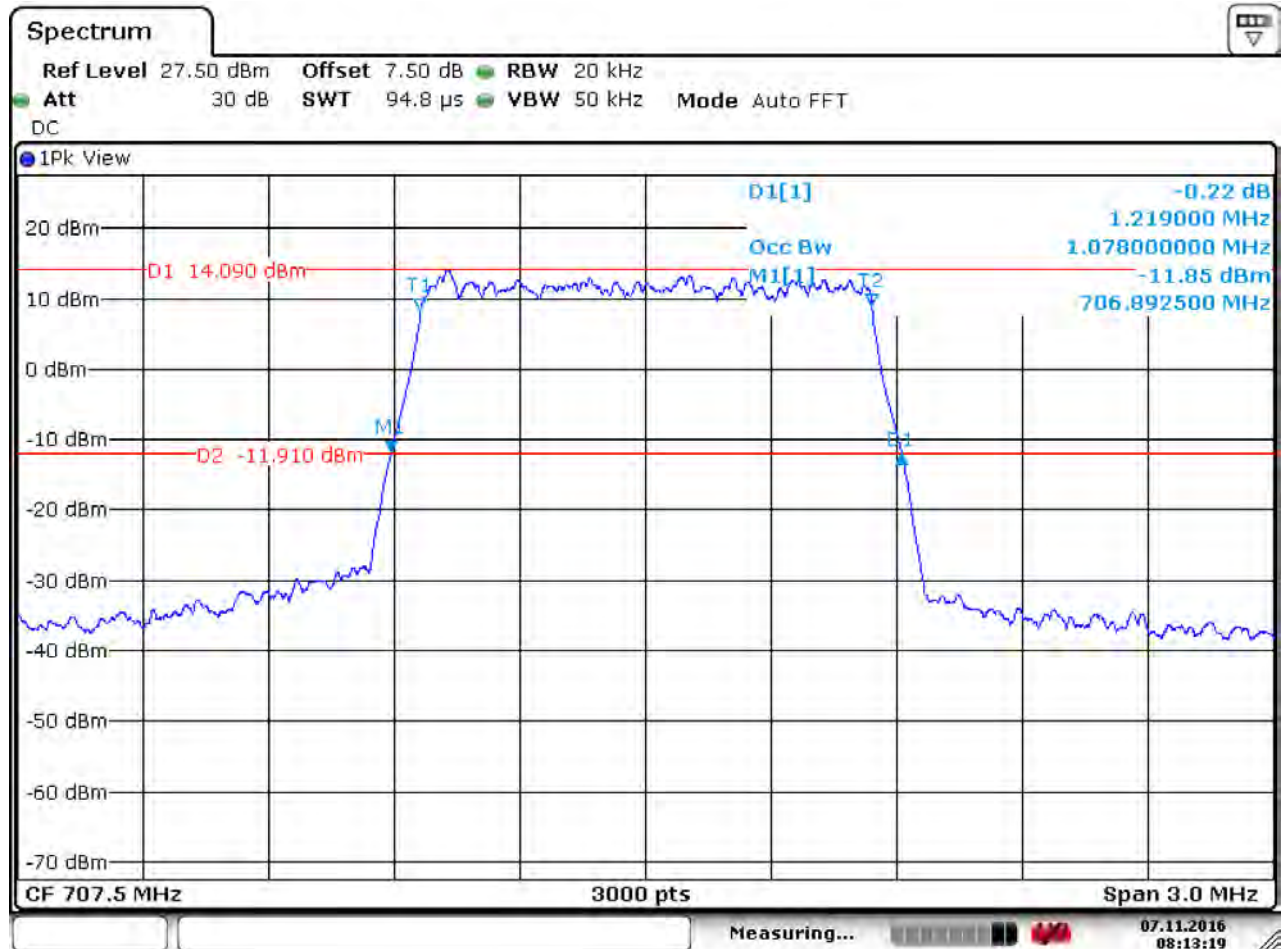
4.1.1.6.1 Test Channel = LCH



Date: 7.NOV.2016 08:09:52

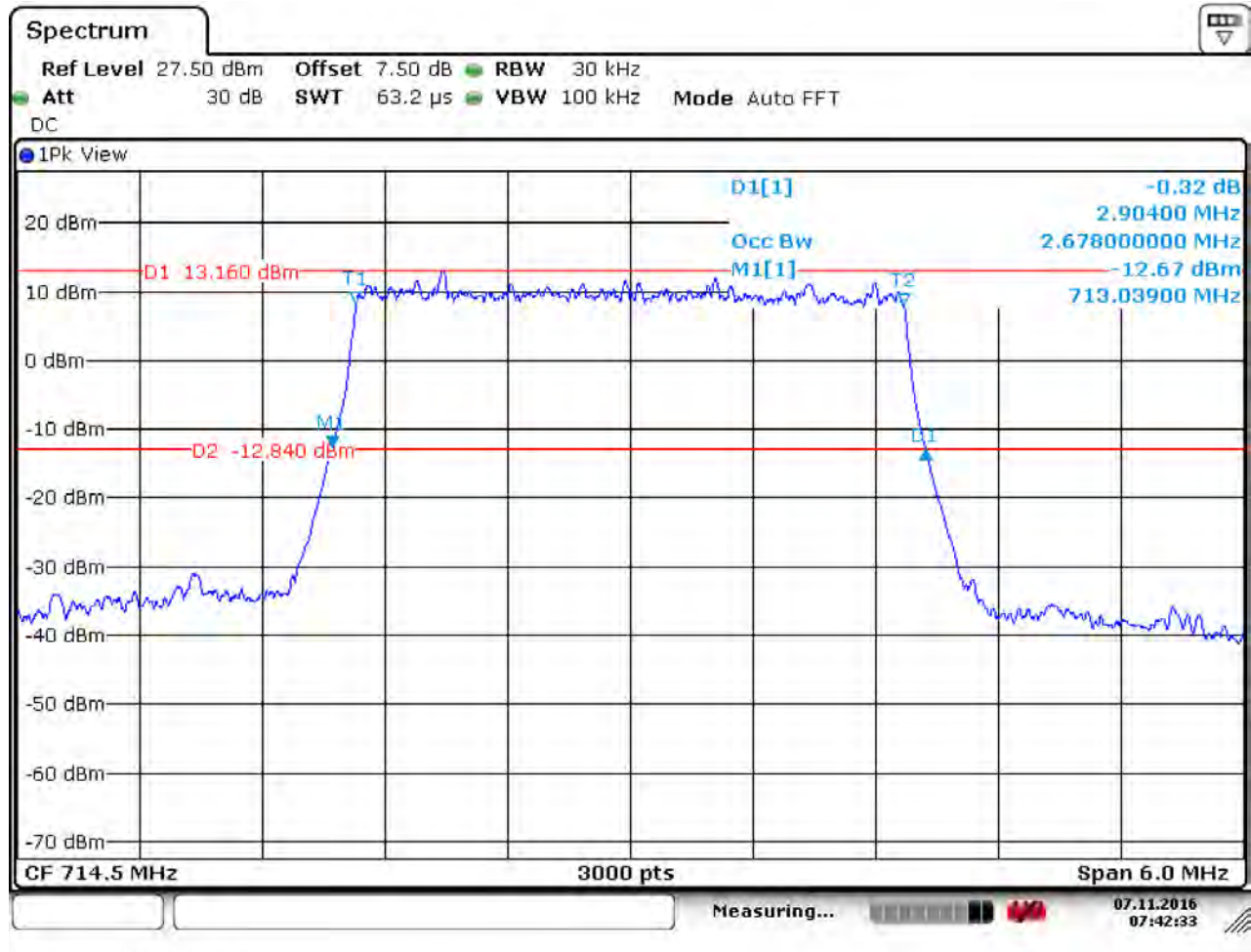


4.1.1.6.2 Test Channel =MCH



Date: 7.NOV.2016 08:13:19

4.1.1.6.3 Test Channel = HCH

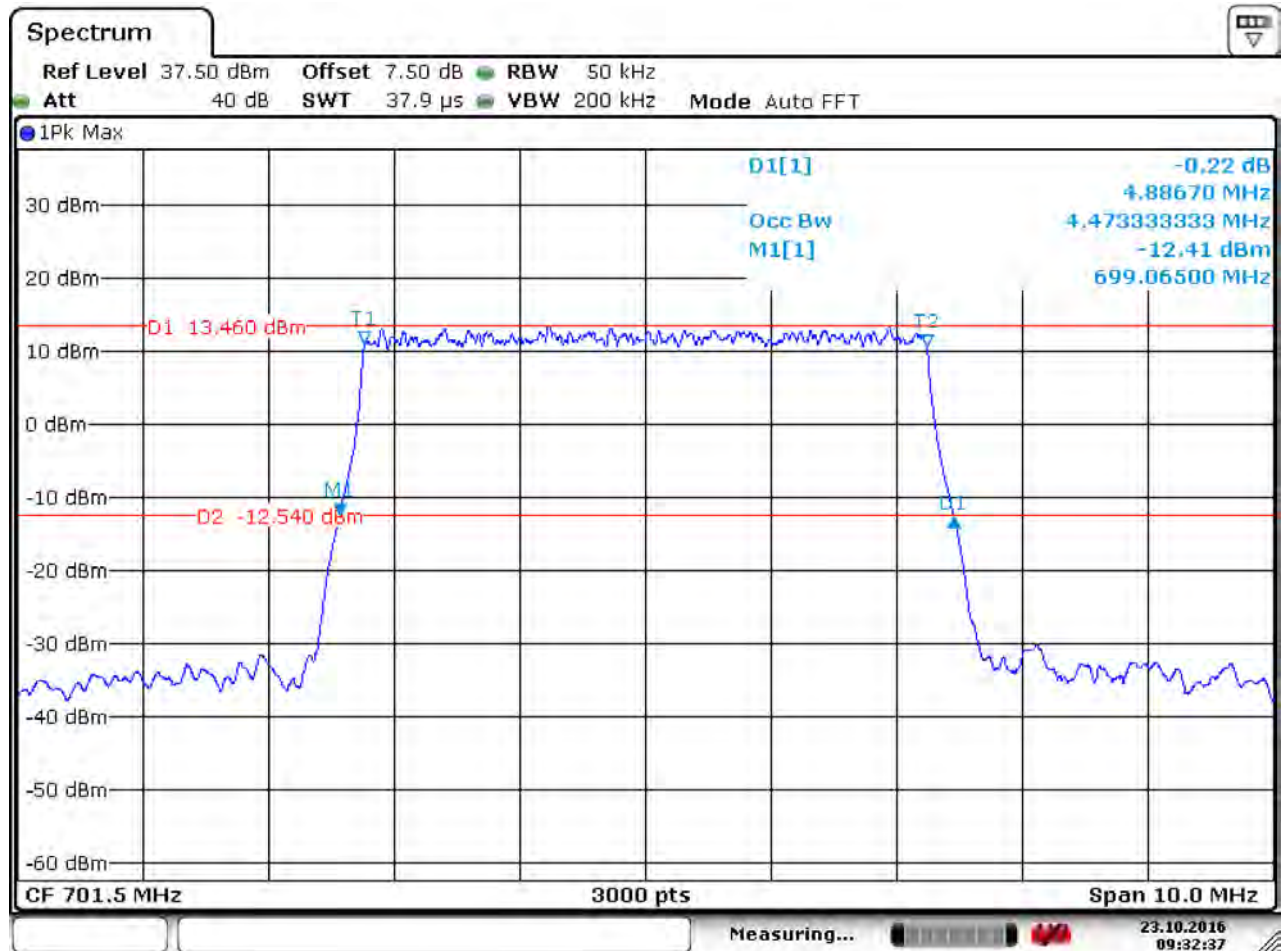


Date: 7.NOV.2016 07:42:34

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4.1.1.7 Test Mode = LTE/TM1 5MHz

4.1.1.7.1 Test Channel = LCH

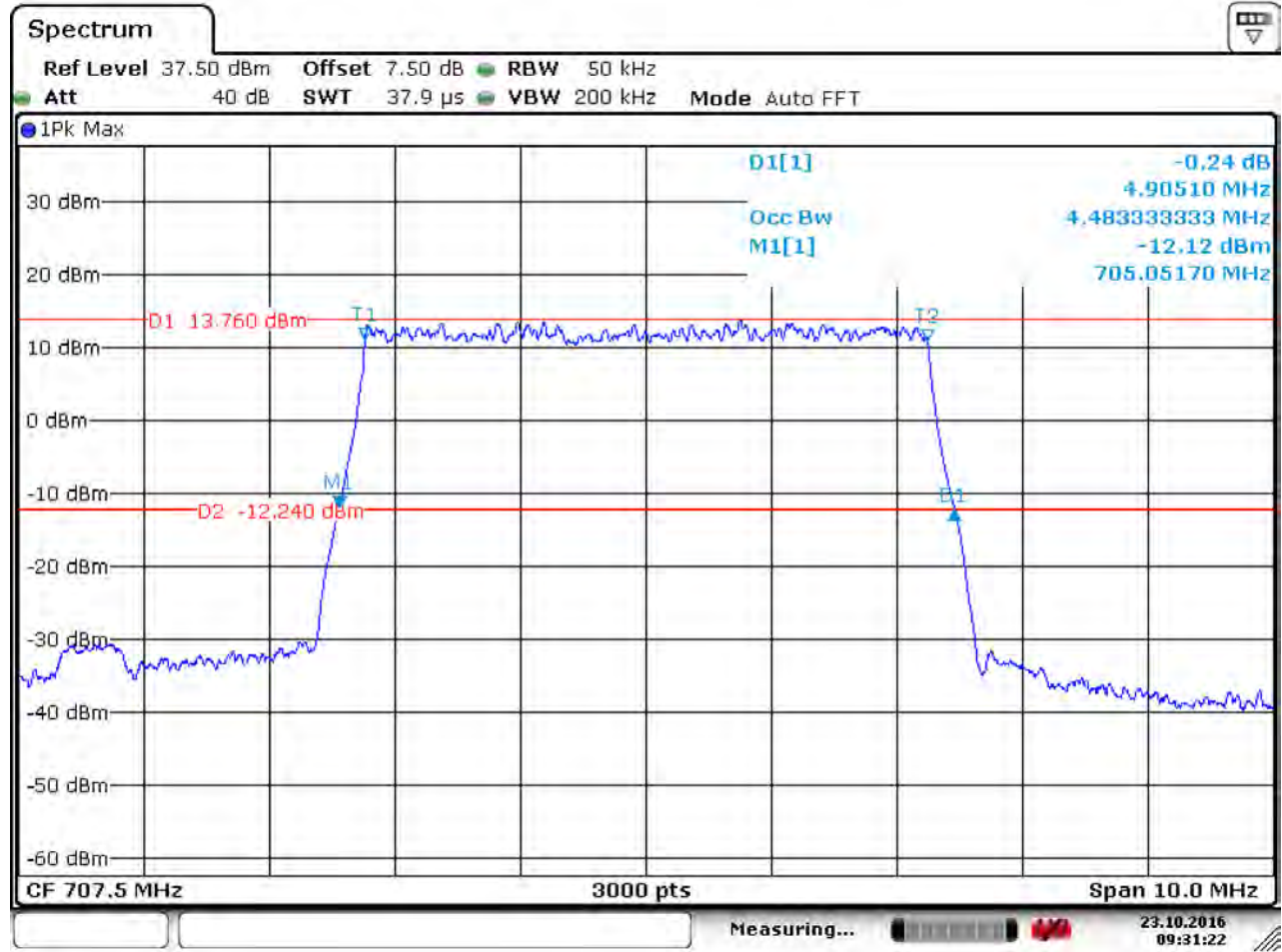


Date: 23.OCT.2016 09:32:38

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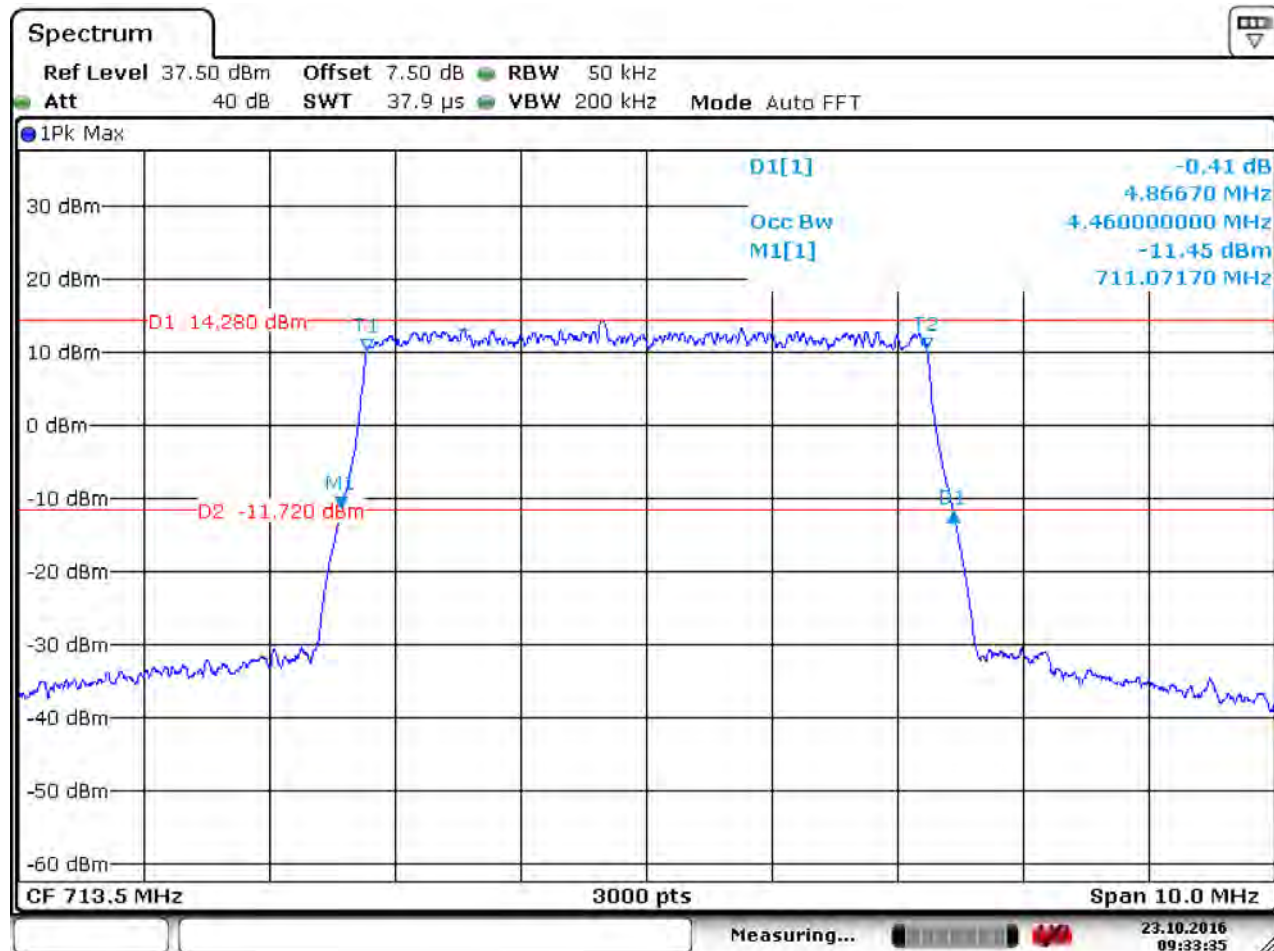
4.1.1.7.2 Test Channel = MCH



Date: 23.OCT.2016 09:31:22



4.1.1.7.3 Test Channel = HCH

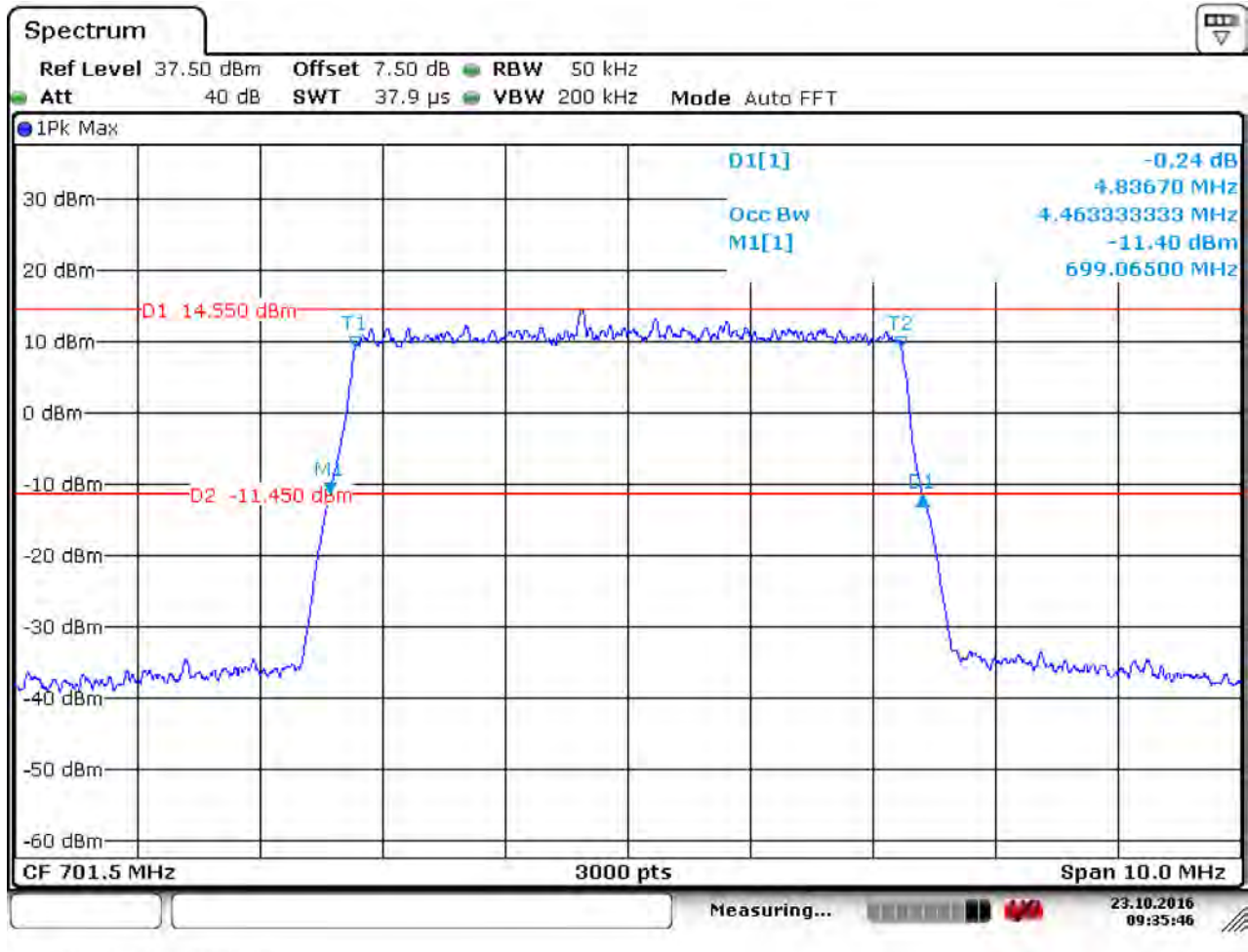


Date: 23.OCT.2016 09:33:35



4.1.1.8 Test Mode = LTE/TM2 5MHz

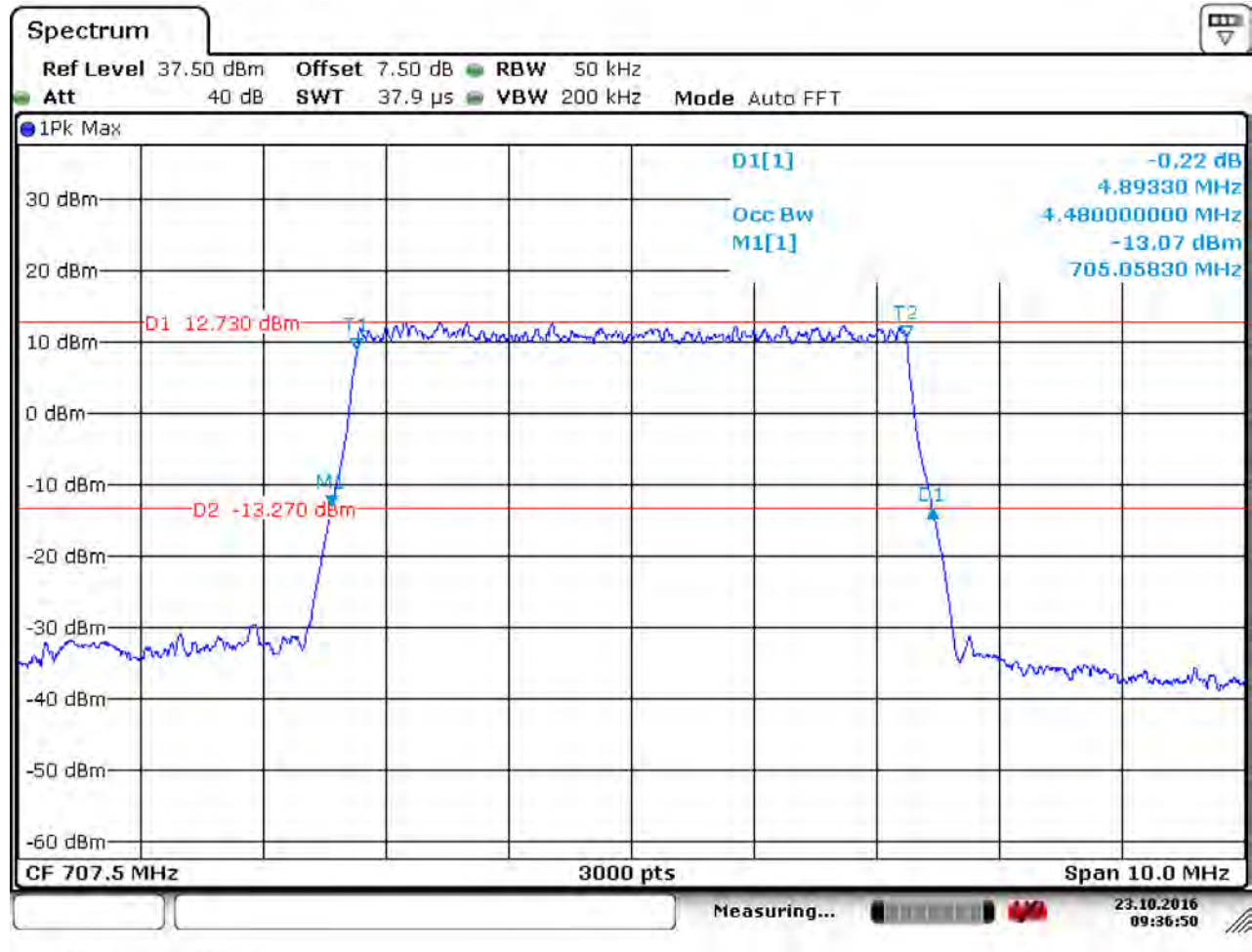
4.1.1.8.1 Test Channel = LCH



Date: 23.OCT.2016 09:35:47



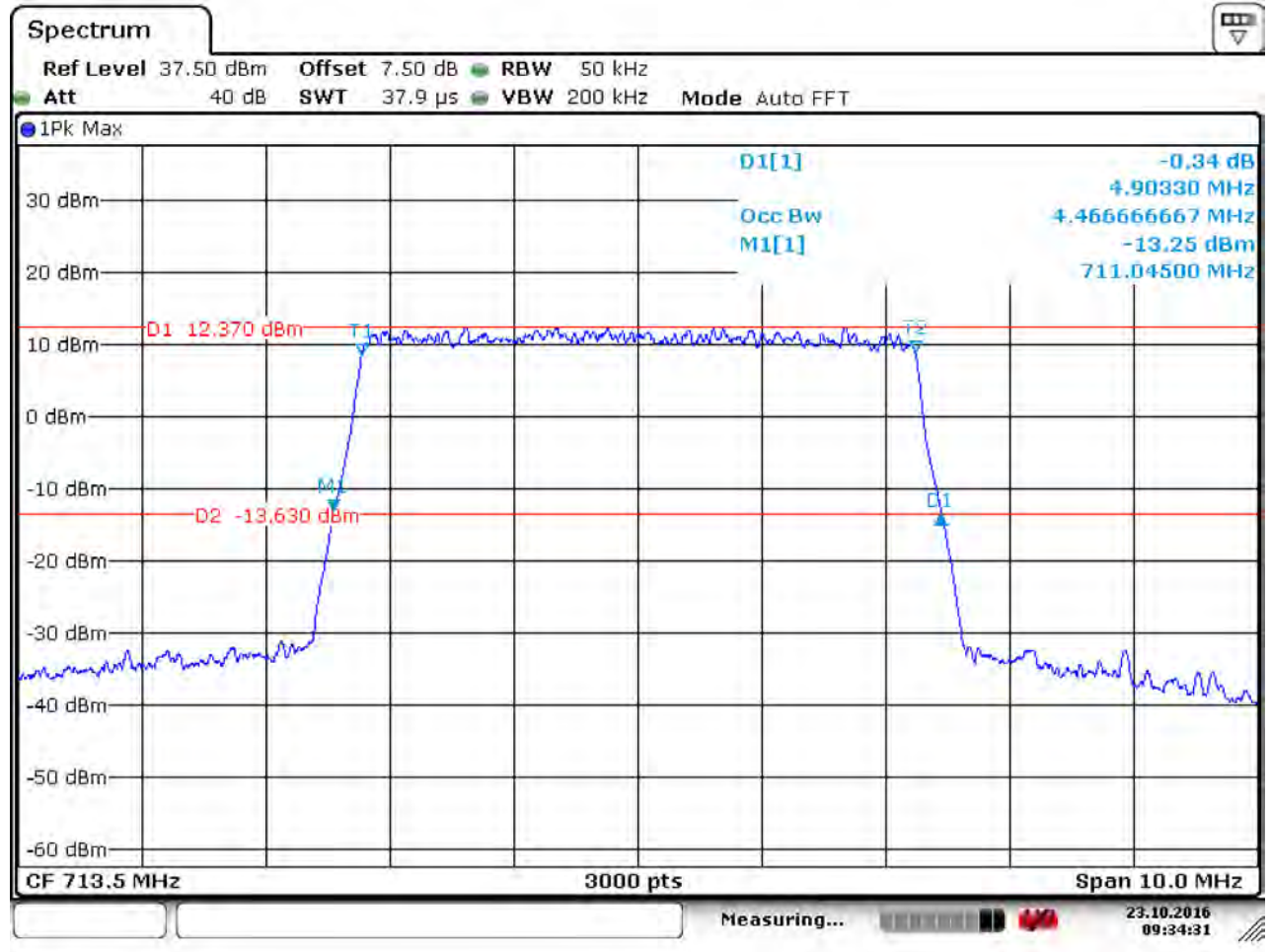
4.1.1.8.2 Test Channel = MCH



Date: 23.OCT.2016 09:36:51



4.1.1.8.3 Test Channel = HCH

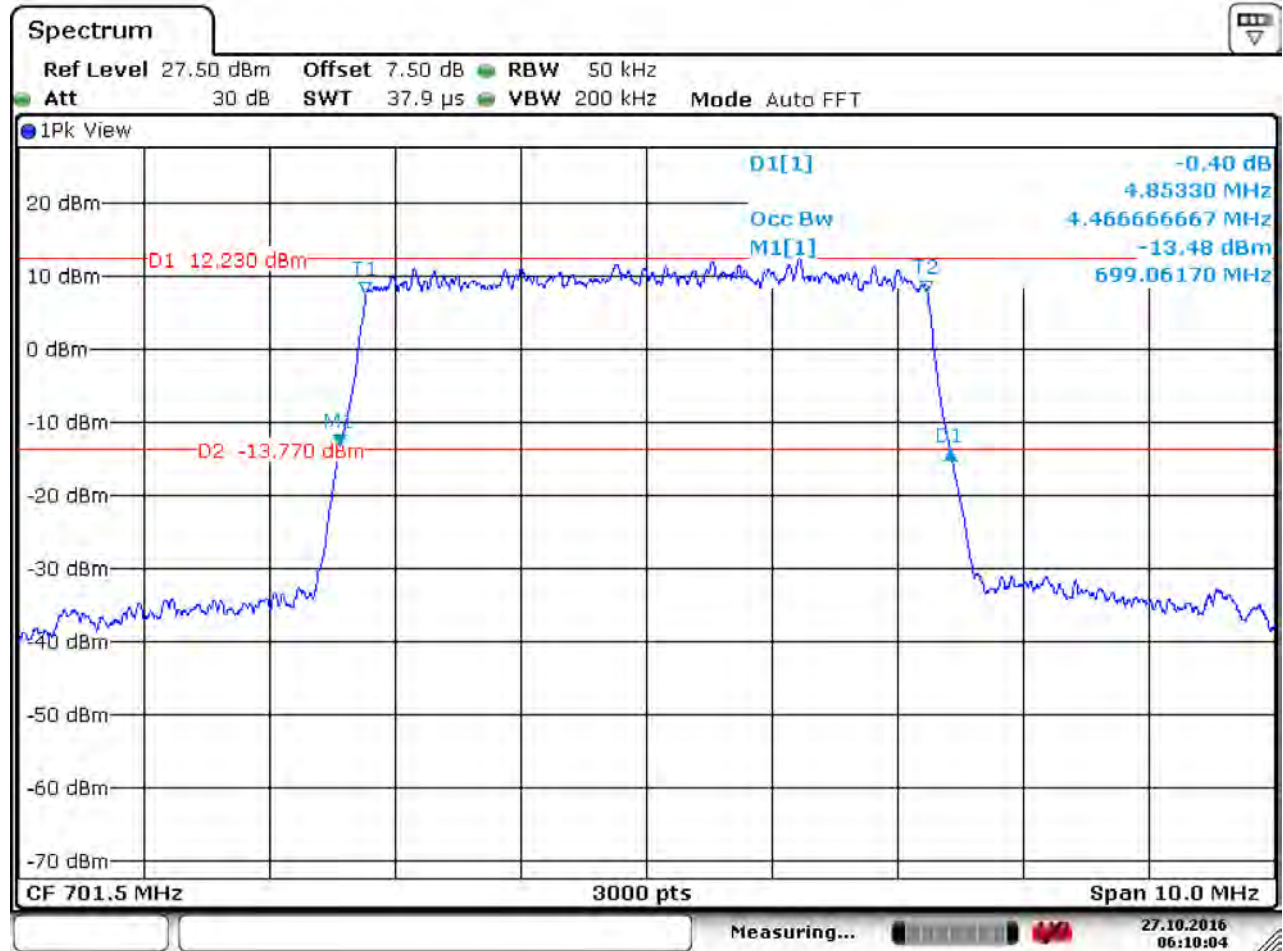


Date: 23.OCT.2016 09:34:31



4.1.1.9 Test Mode = LTE/TM3 5MHz

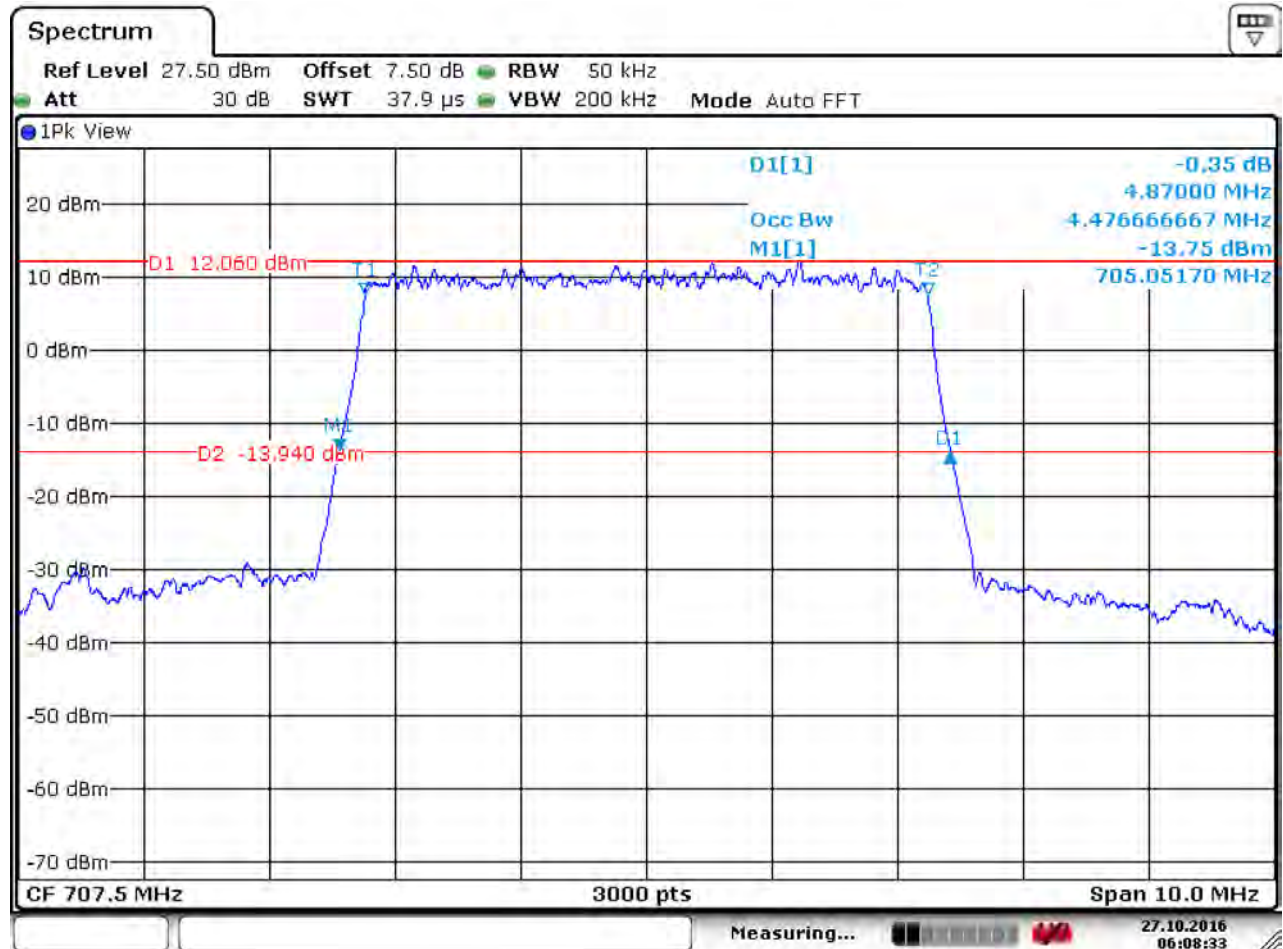
4.1.1.9.1 Test Channel = LCH



Date: 27.OCT.2016 06:10:04

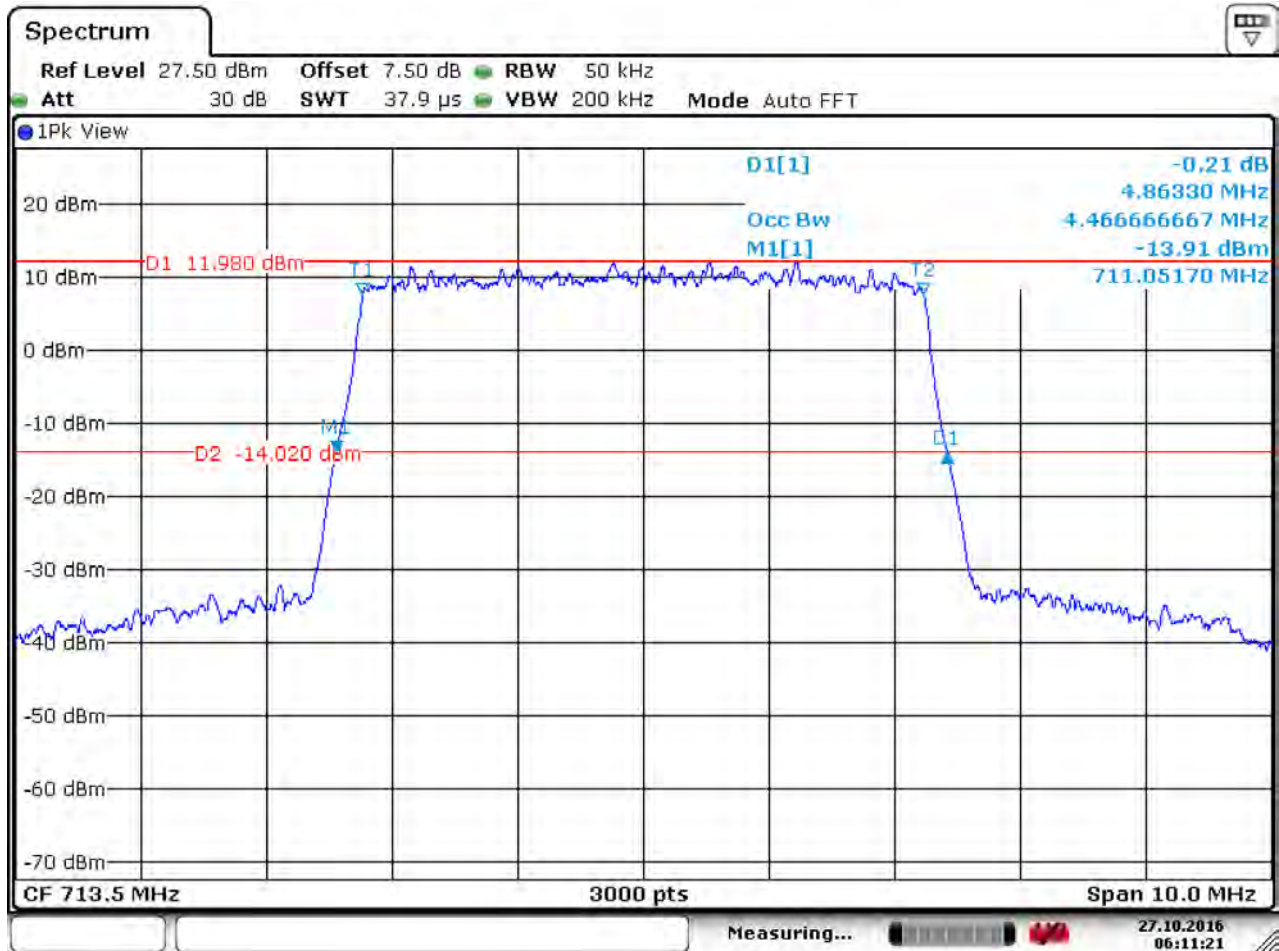


4.1.1.9.2 Test Channel = MCH



Date: 27.OCT.2016 06:08:33

4.1.1.9.3 Test Channel = HCH

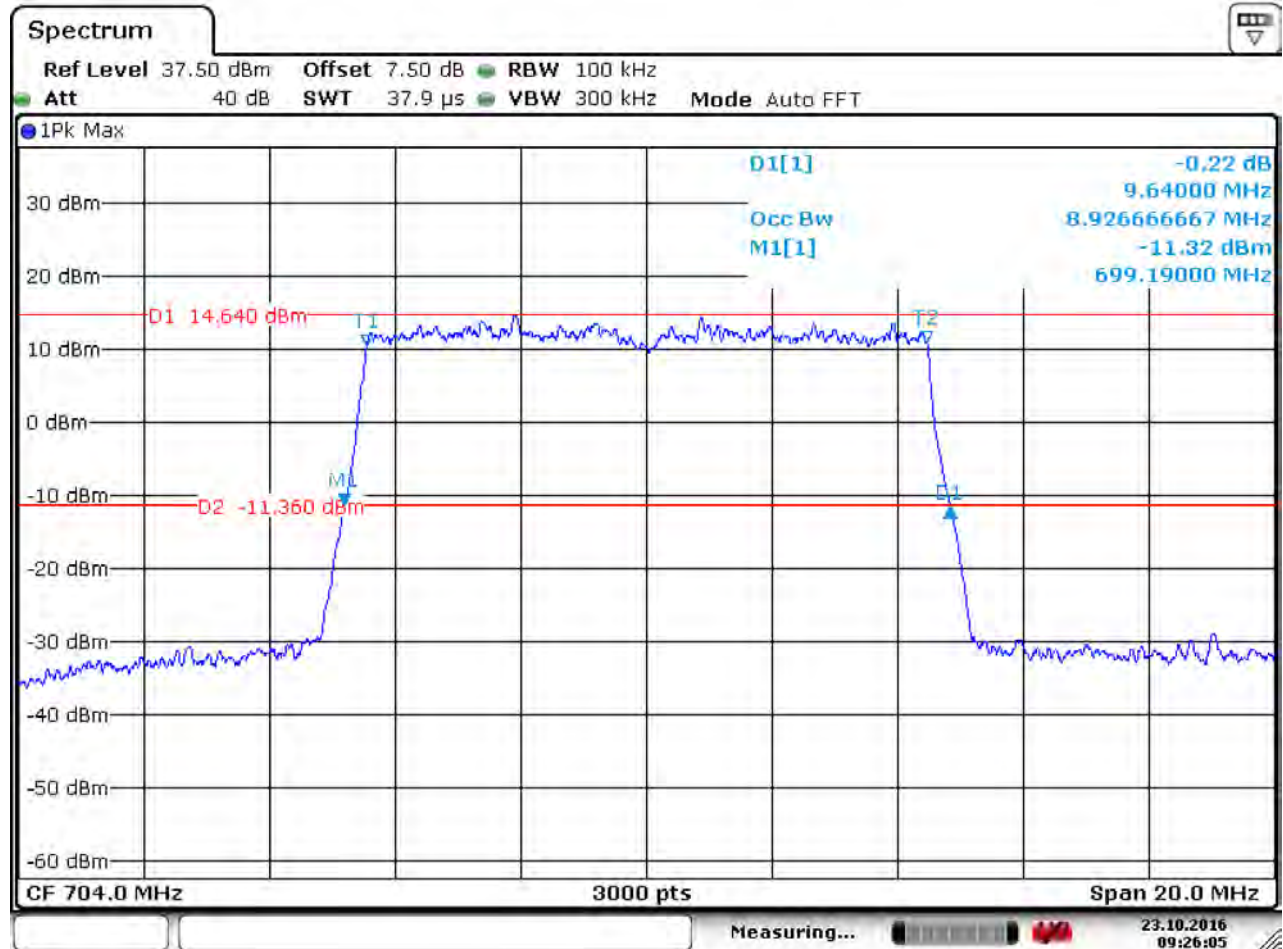


Date: 27.OCT.2016 06:11:21

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4.1.1.10 Test Mode = LTE/TM1 10MHz

4.1.1.10.1 Test Channel = LCH

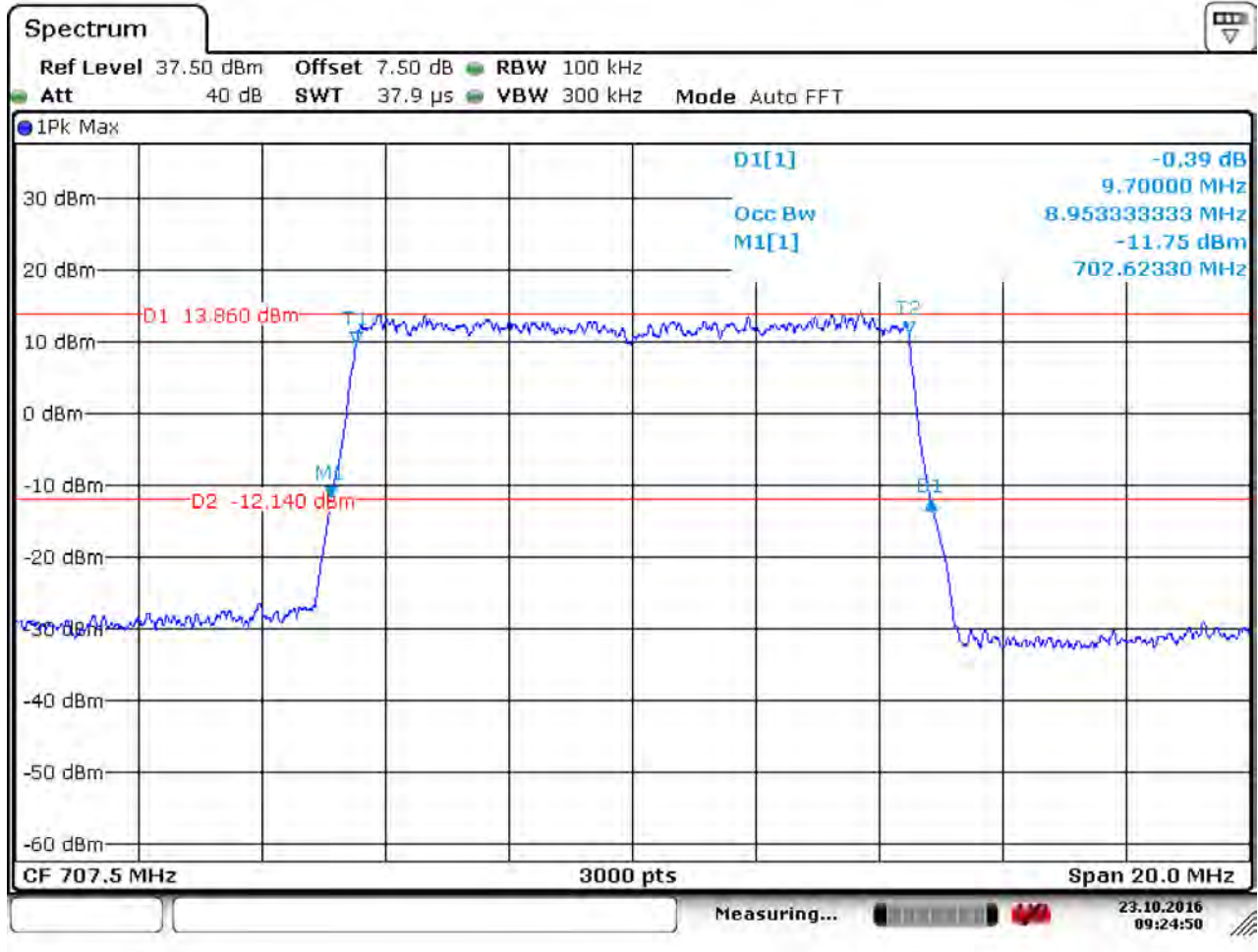


Date: 23.OCT.2016 09:26:06

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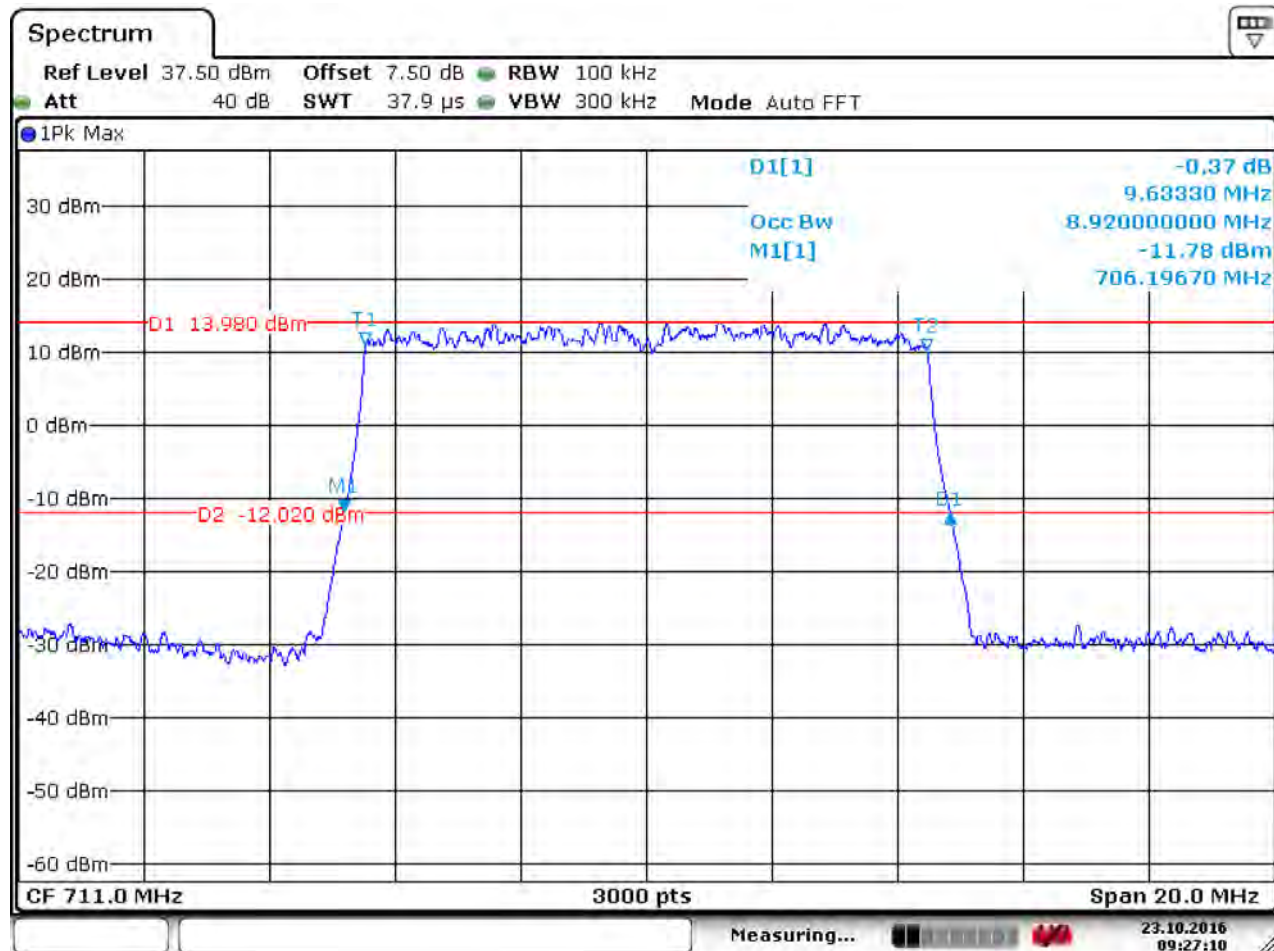
4.1.1.10.2 Test Channel = MCH



Date: 23.OCT.2016 09:24:51



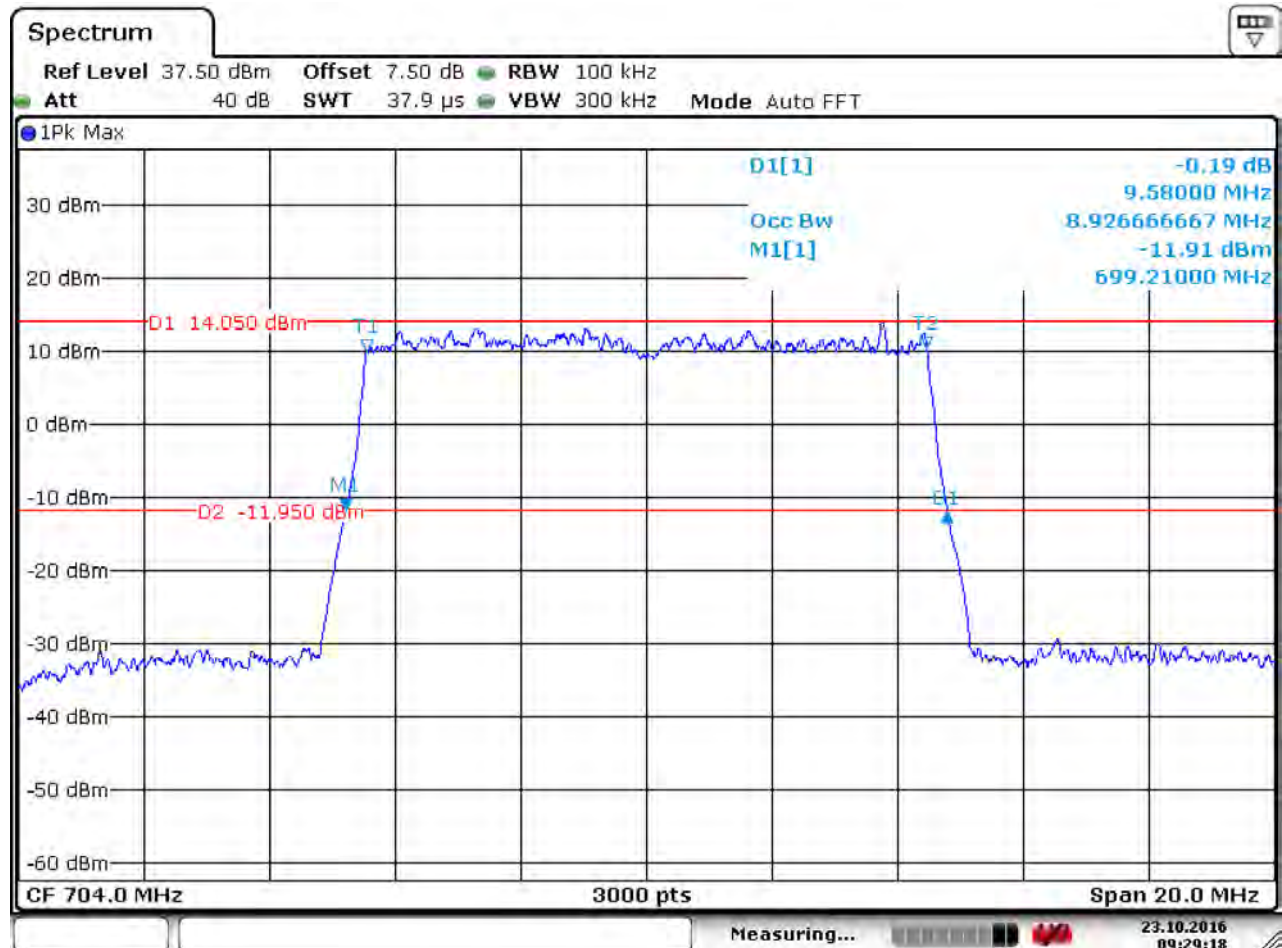
4.1.1.10.3 Test Channel = HCH



Date: 23.OCT.2016 09:27:11

4.1.1.11 Test Mode = LTE/TM2 10MHz

4.1.1.11.1 Test Channel = LCH

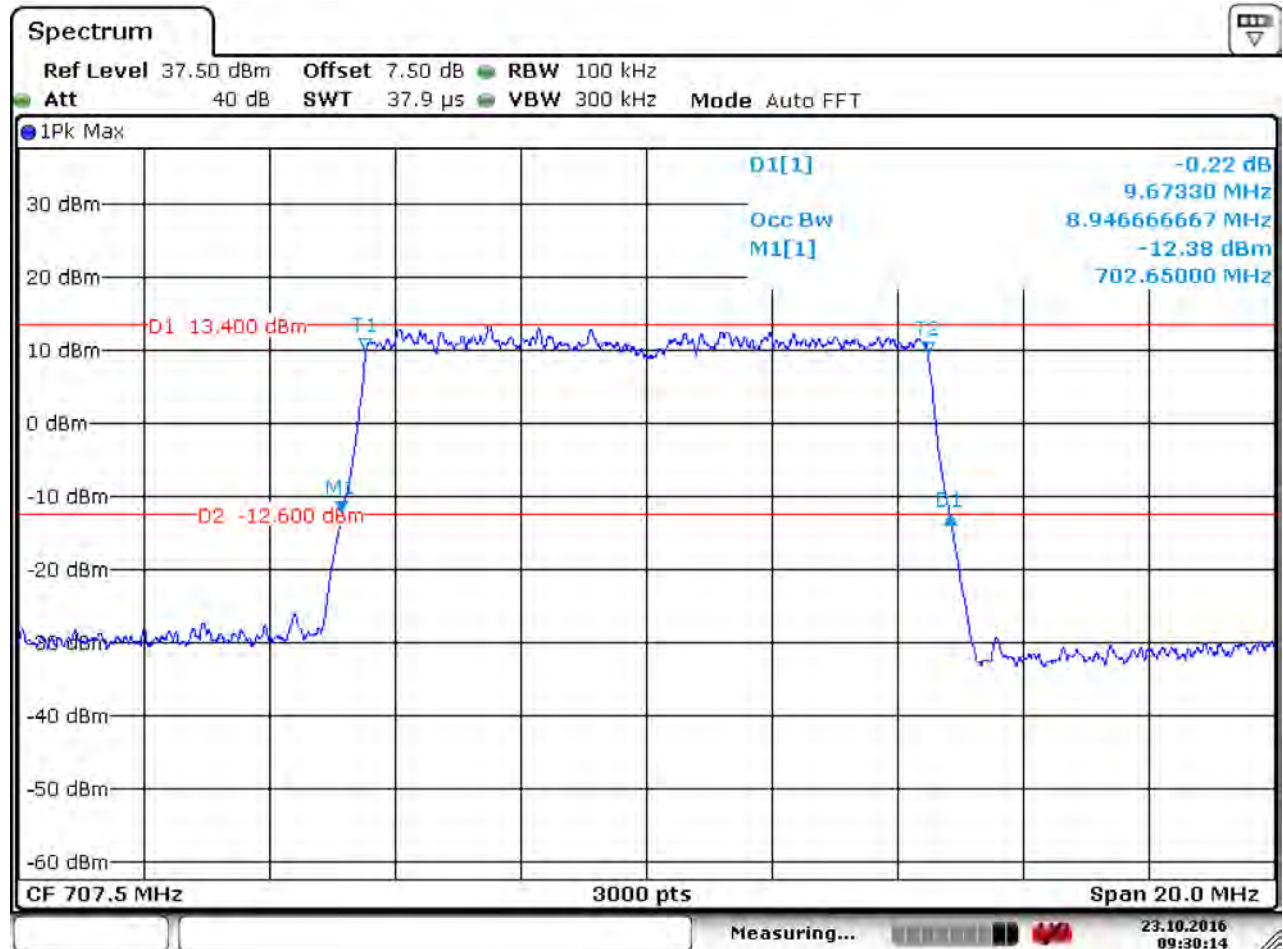


Date: 23.OCT.2016 09:29:18

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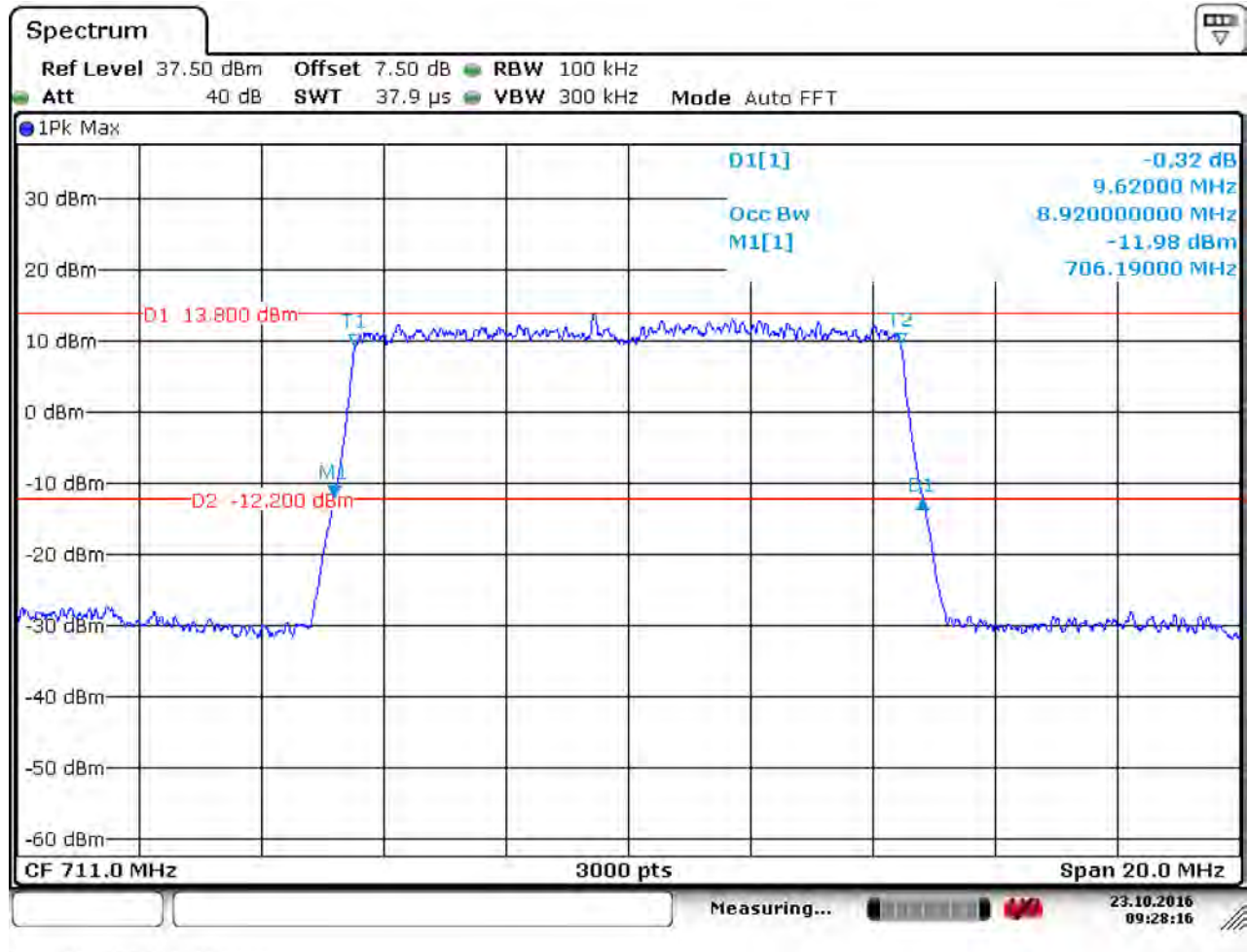
4.1.1.11.2 Test Channel = MCH



Date: 23.OCT.2016 09:30:14



4.1.1.11.3 Test Channel = HCH

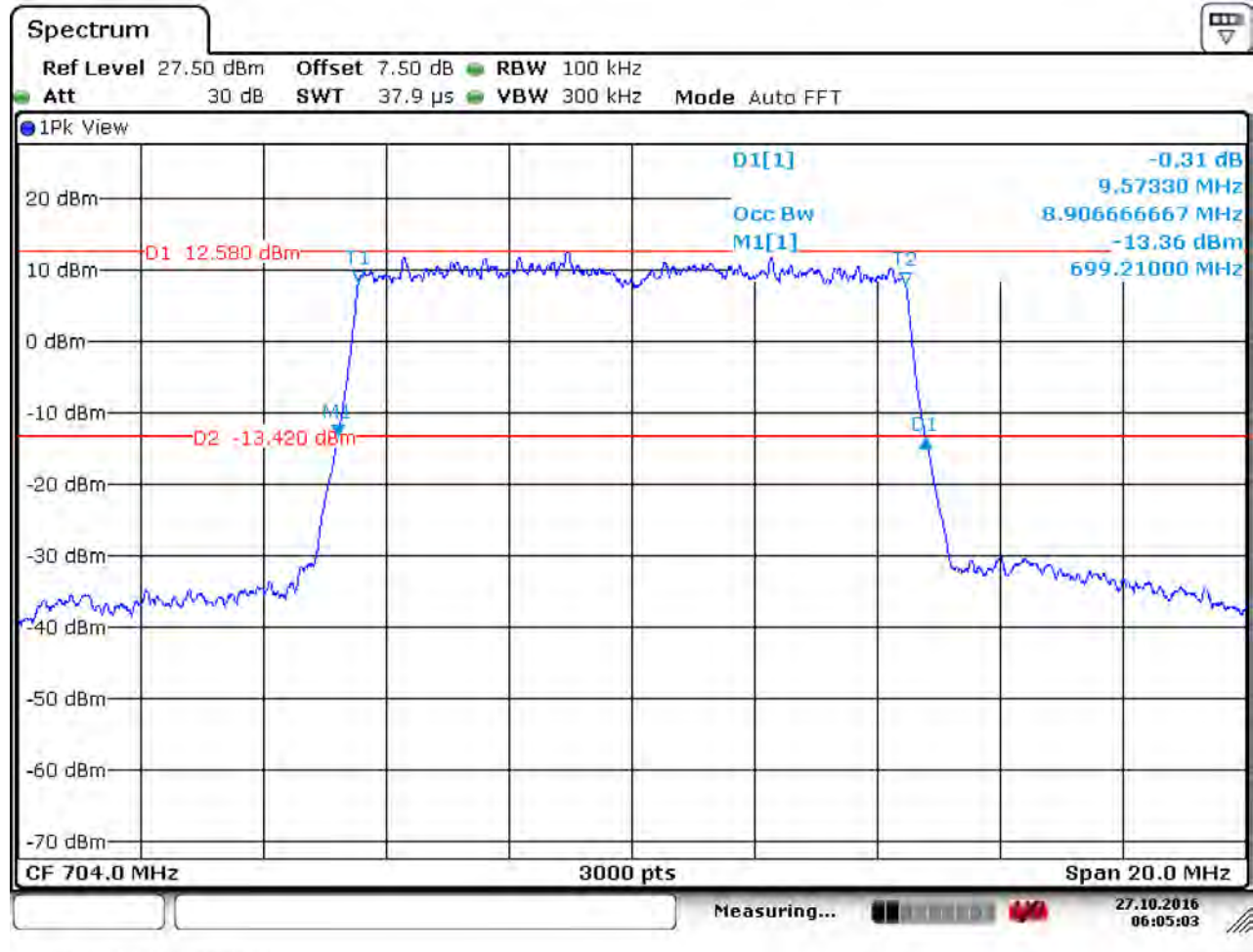


Date: 23.OCT.2016 09:28:16



4.1.1.12 Test Mode = LTE/TM3 10MHz

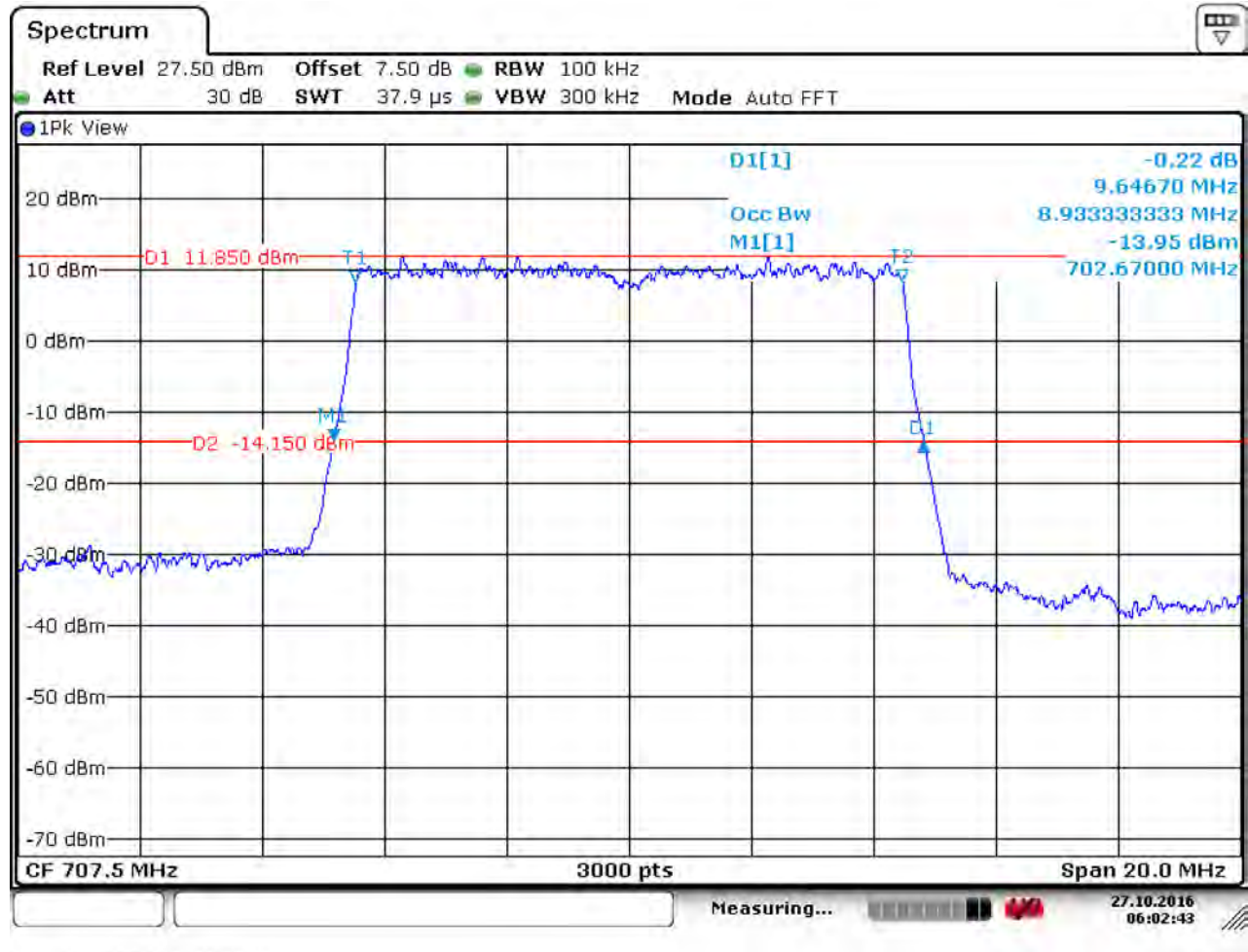
4.1.1.12.1 Test Channel = LCH



Date: 27.OCT.2016 06:05:04



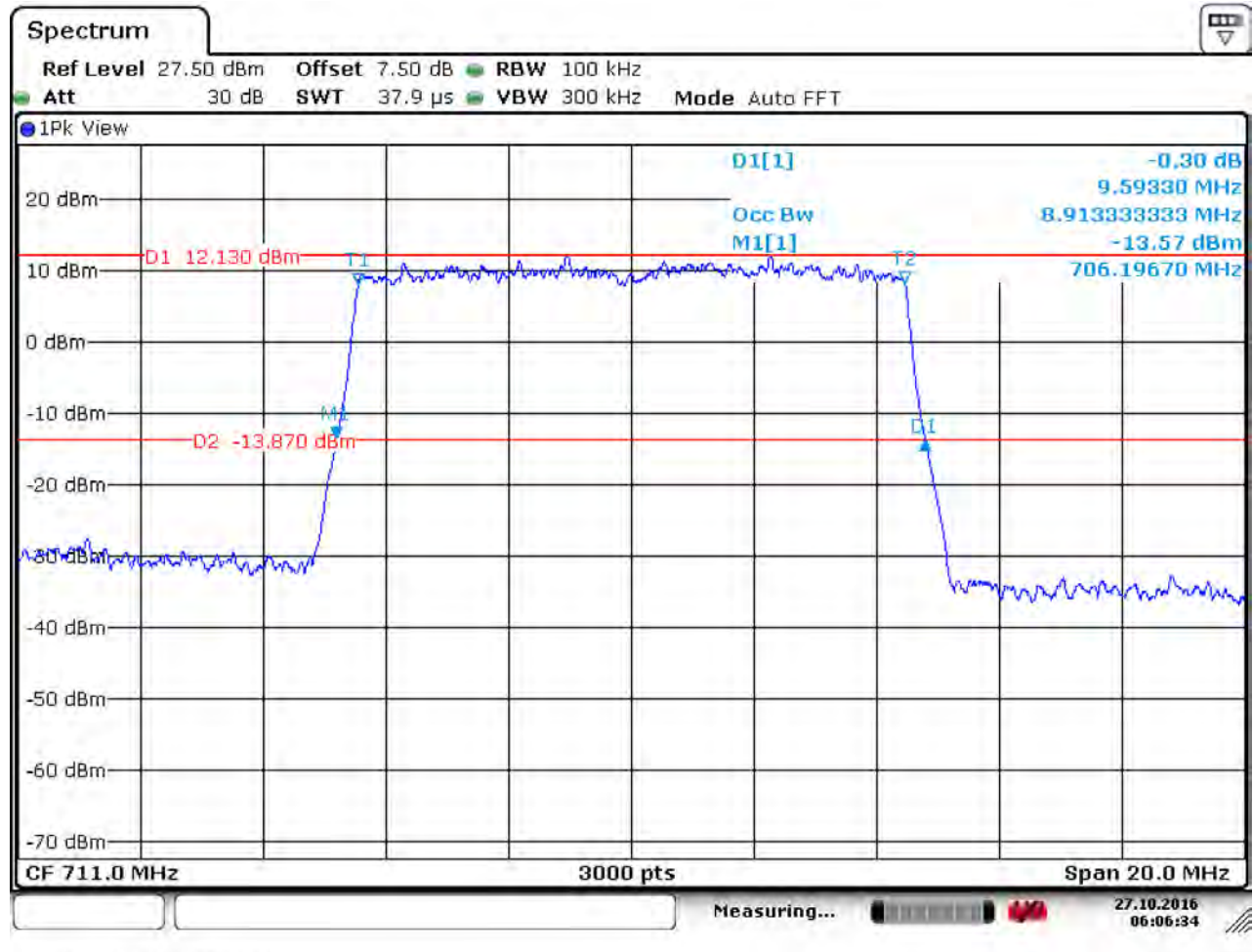
4.1.1.12.2 Test Channel = MCH



Date: 27.OCT.2016 06:02:43



4.1.1.12.3 Test Channel = HCH



Date: 27.OCT.2016 06:06:34



5 Band Edges Compliance

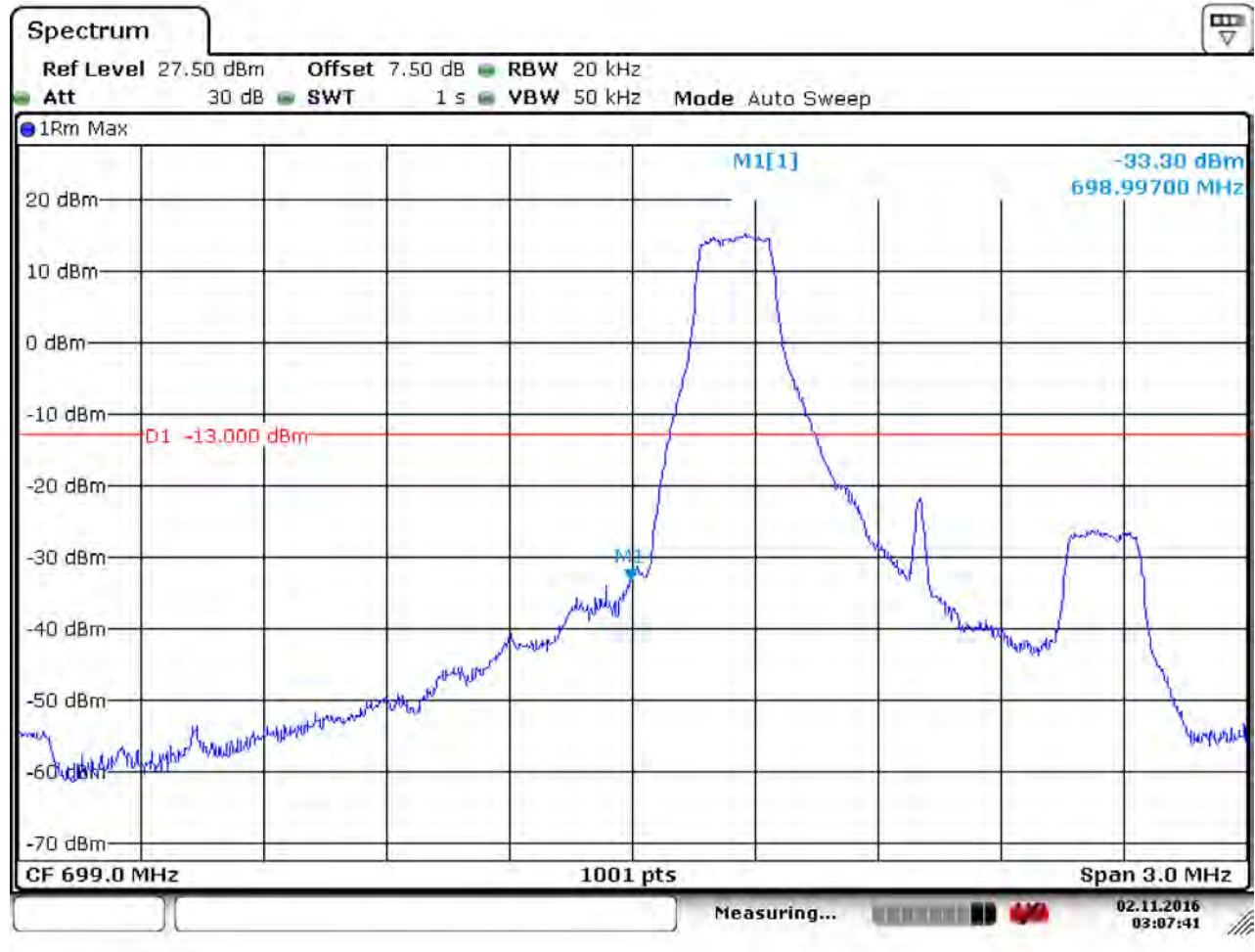
5.1 For LTE

5.1.1 Test Band = LTE band 12

5.1.1.1 Test Mode = LTE/TM1 1.4MHz

5.1.1.1.1 Test Channel = LCH

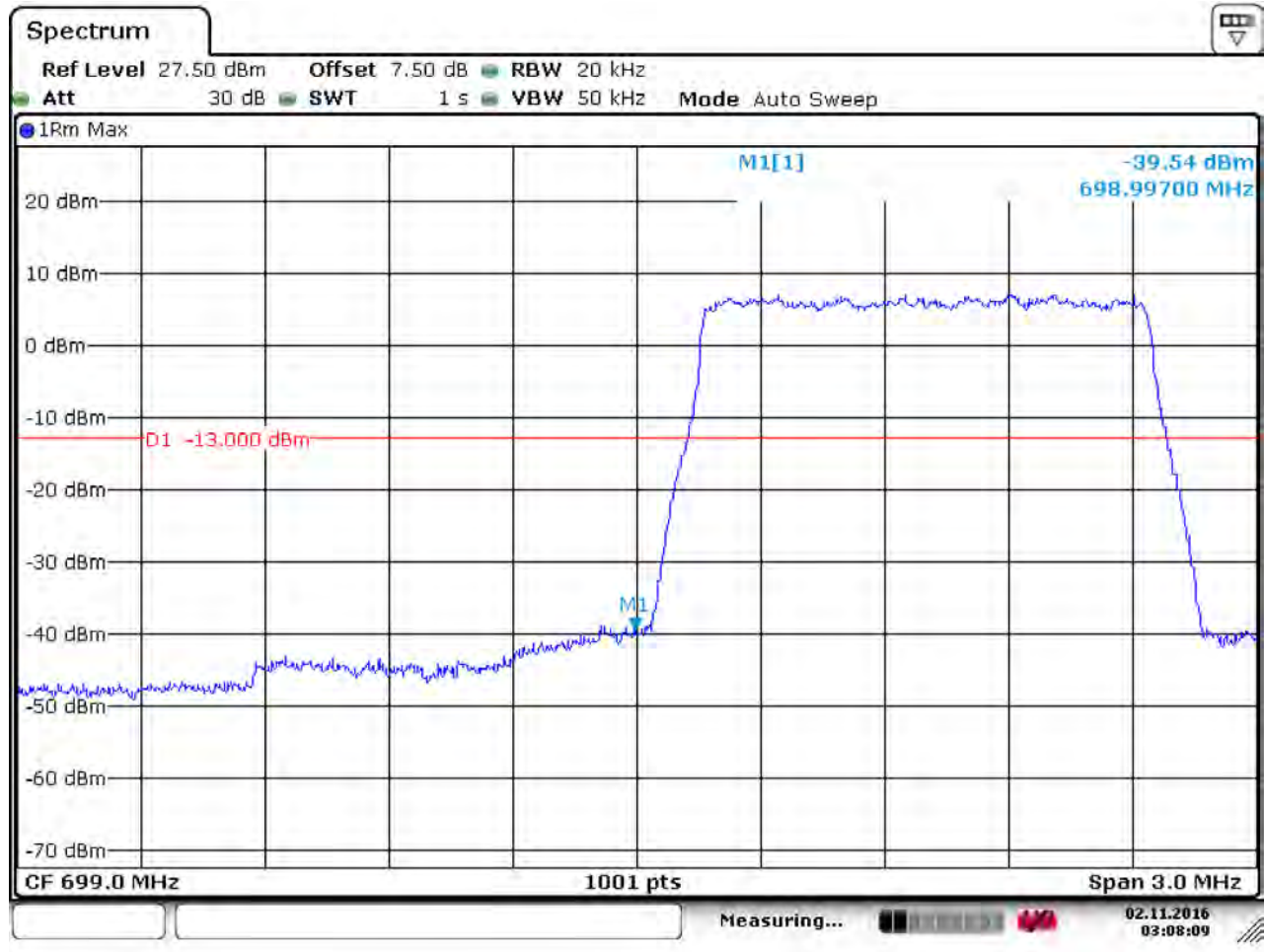
5.1.1.1.1.1 Test RB=1RB



Date: 2.NOV.2016 03:07:41



5.1.1.1.2 Test RB=6RB

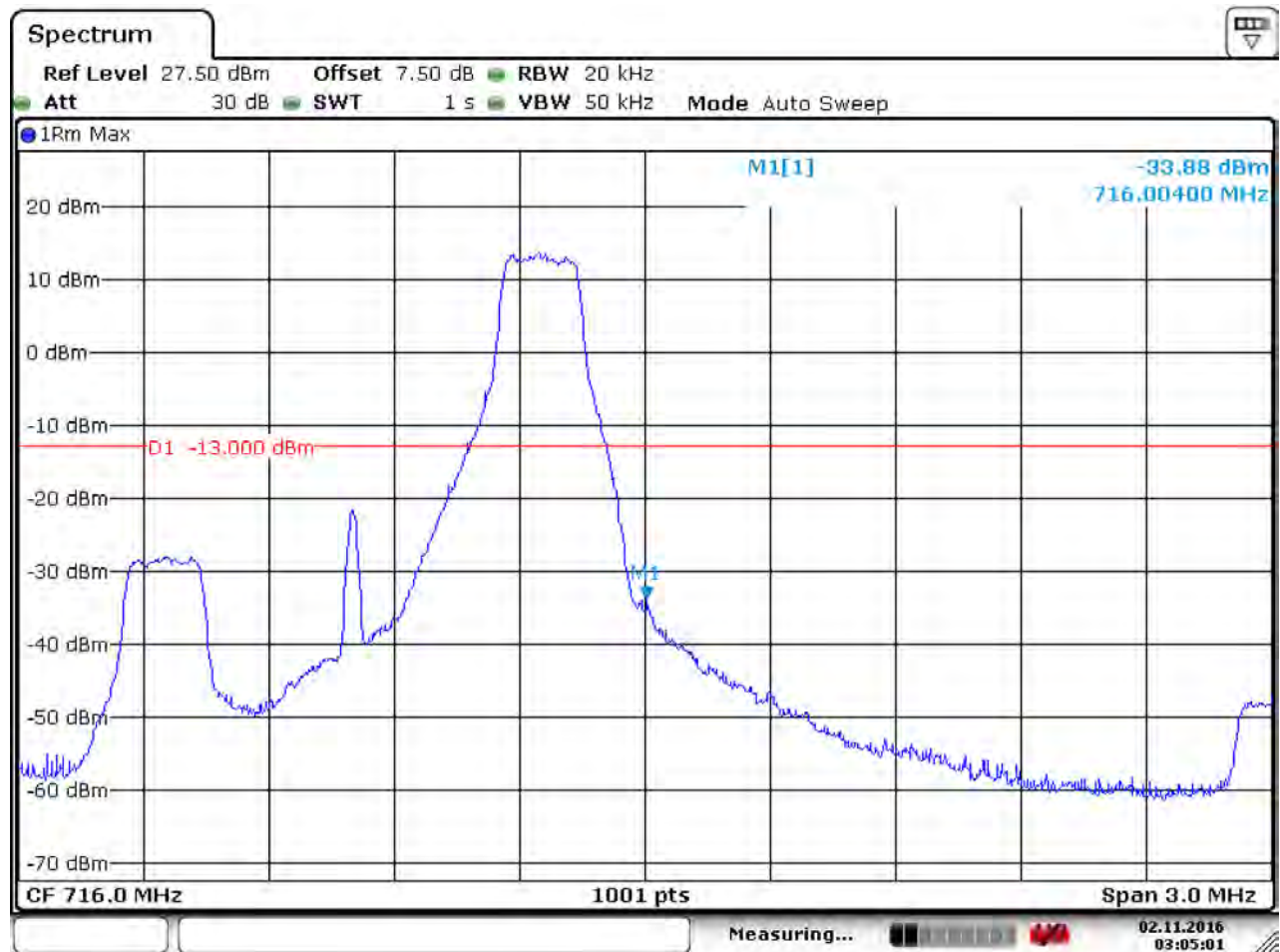


Date: 2.NOV.2016 03:08:10



5.1.1.1.2 Test Channel = HCH

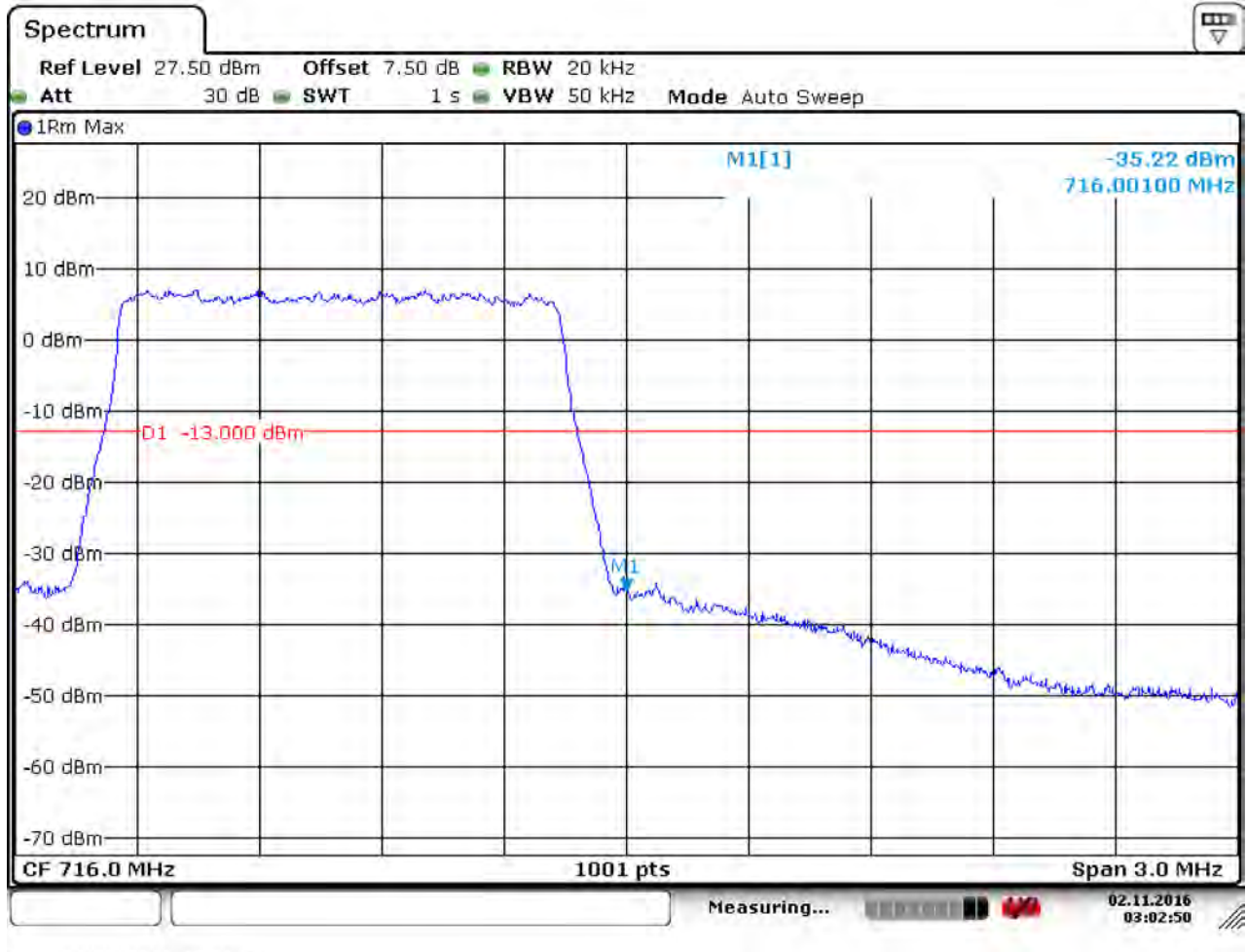
5.1.1.1.2.1 Test RB=1RB



Date: 2.NOV.2016 03:05:01



5.1.1.1.2.2 Test RB=6RB



Date: 2.NOV.2016 03:02:50



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Shenzhen Branch

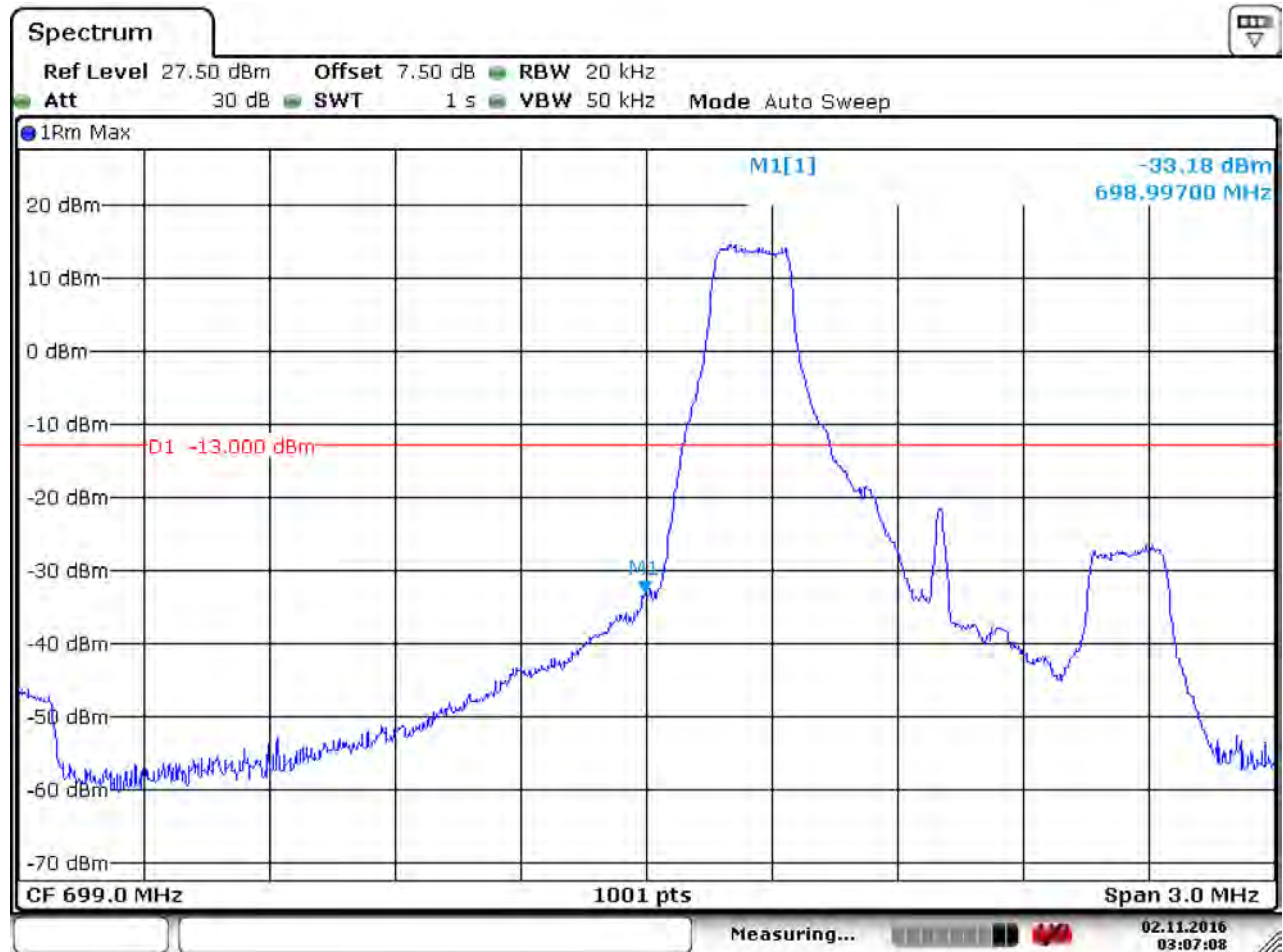
Report No.: SZEM1610008522

Page: 80 of 154

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

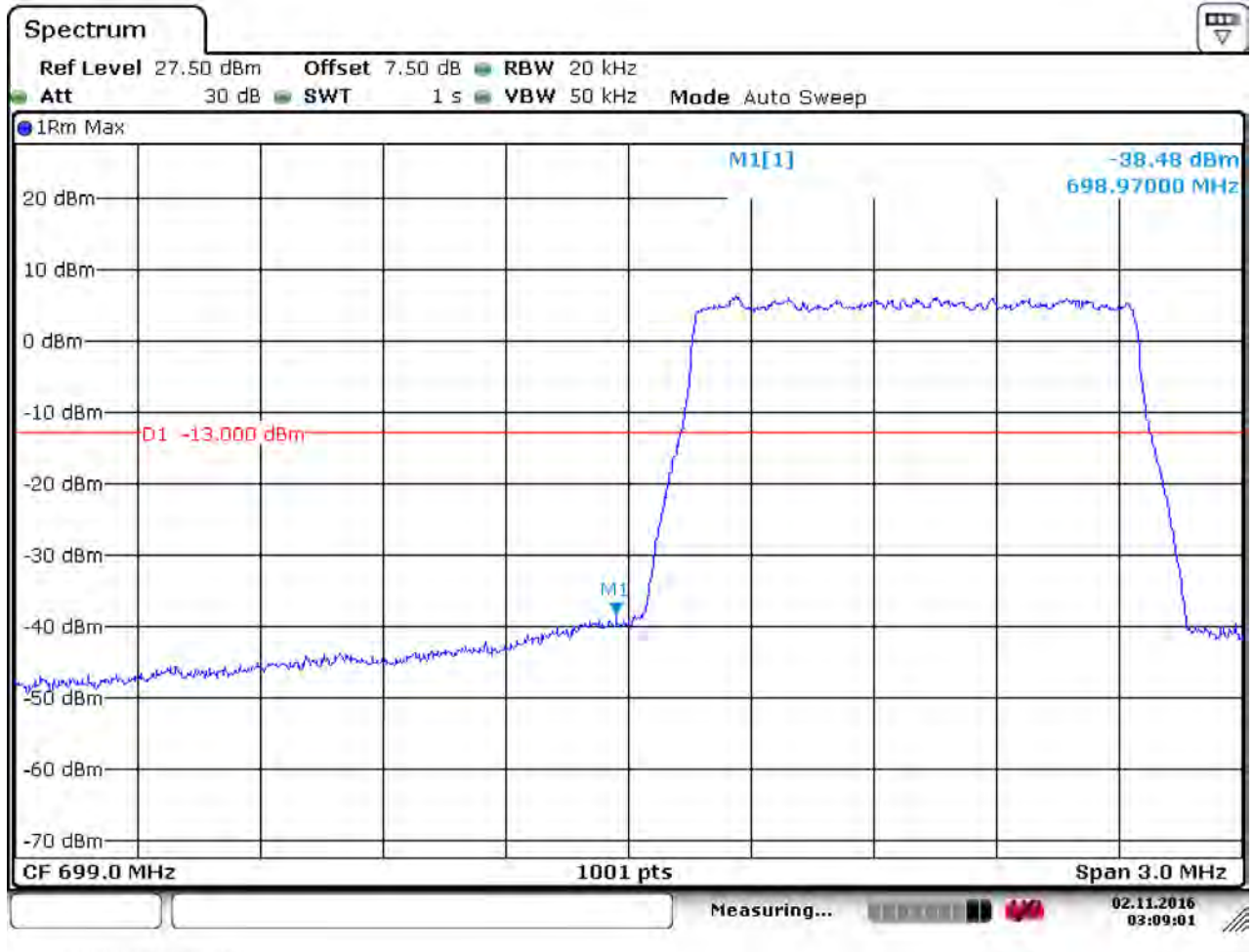


Date: 2.NOV.2016 03:07:08

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5.1.1.2.1.2 Test RB=6RB

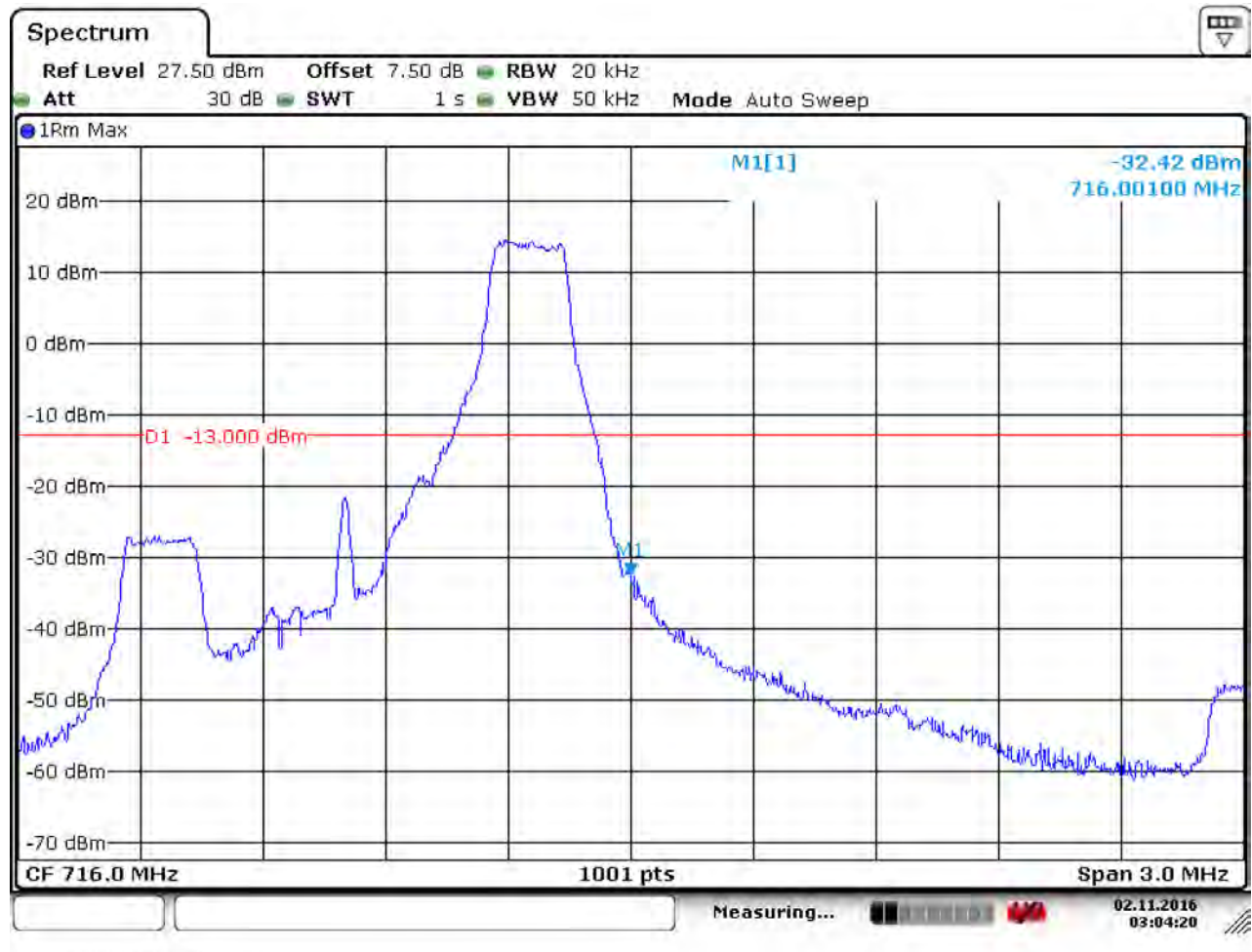


Date: 2.NOV.2016 03:09:01



5.1.1.2.2 Test Channel = HCH

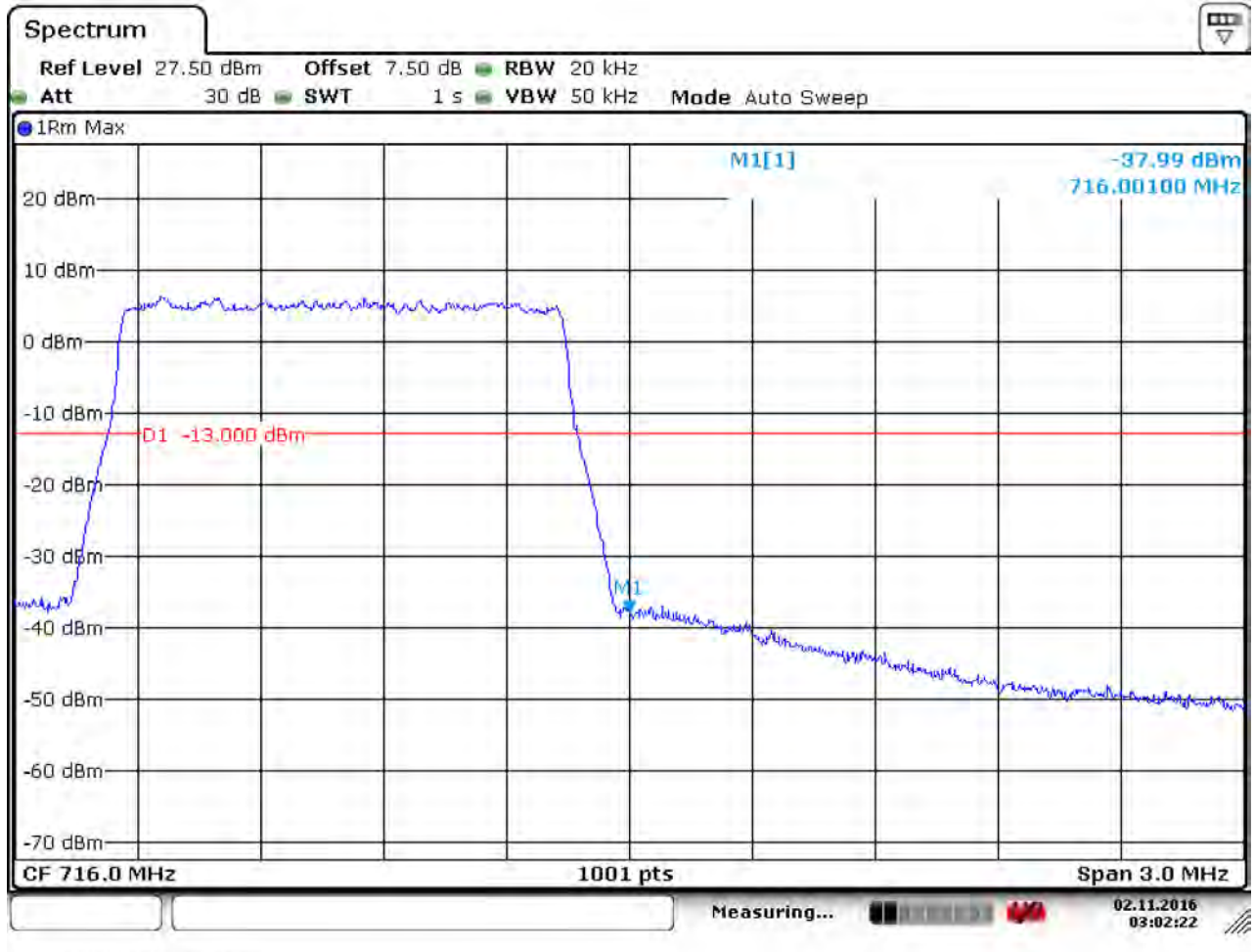
5.1.1.2.2.1 Test RB=1RB



Date: 2.NOV.2016 03:04:21



5.1.1.2.2.2 Test RB=6RB



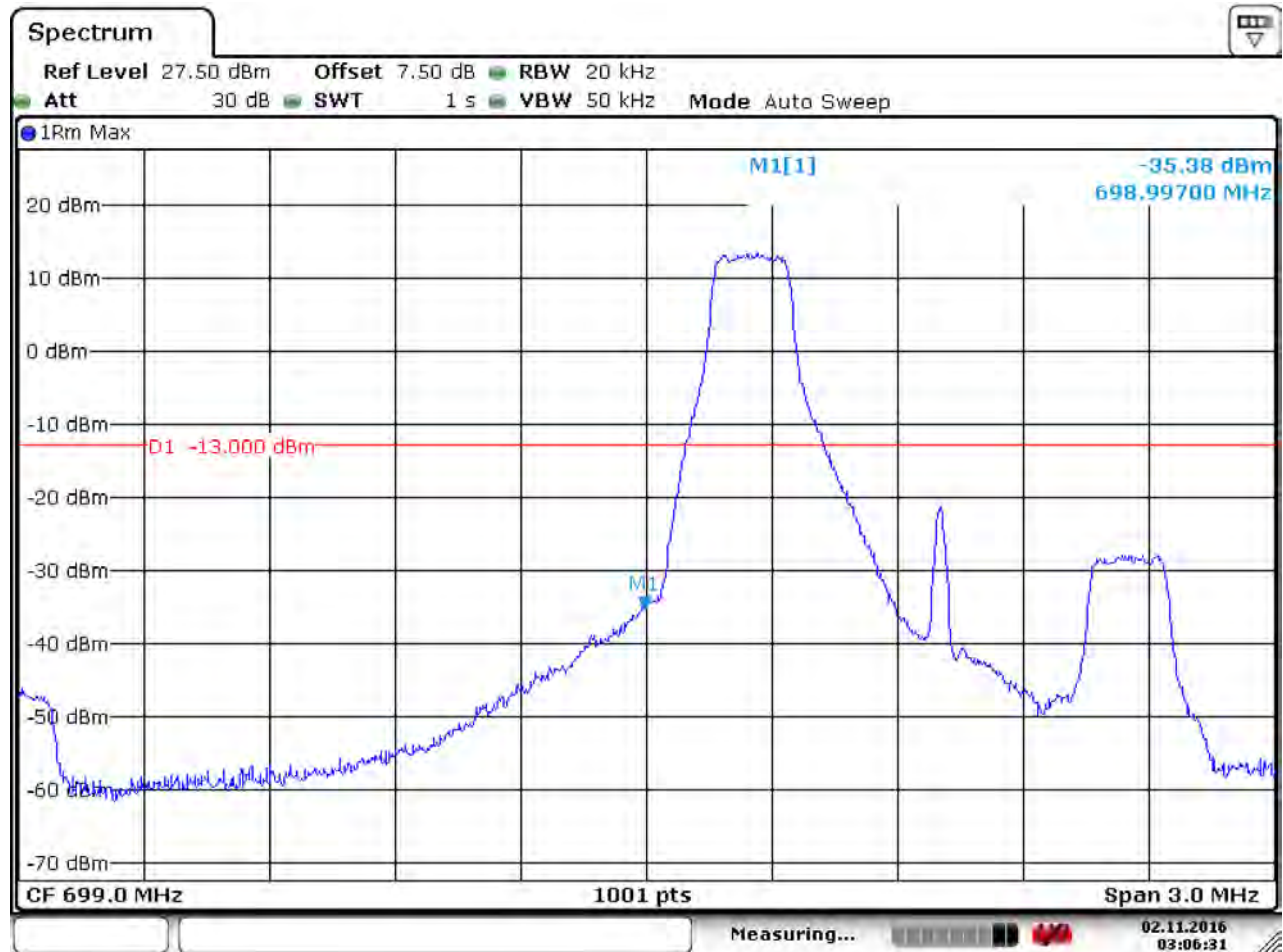
Date: 2.NOV.2016 03:02:22



5.1.1.3 Test Mode = LTE/TM3 1.4MHz

5.1.1.3.1 Test Channel = LCH

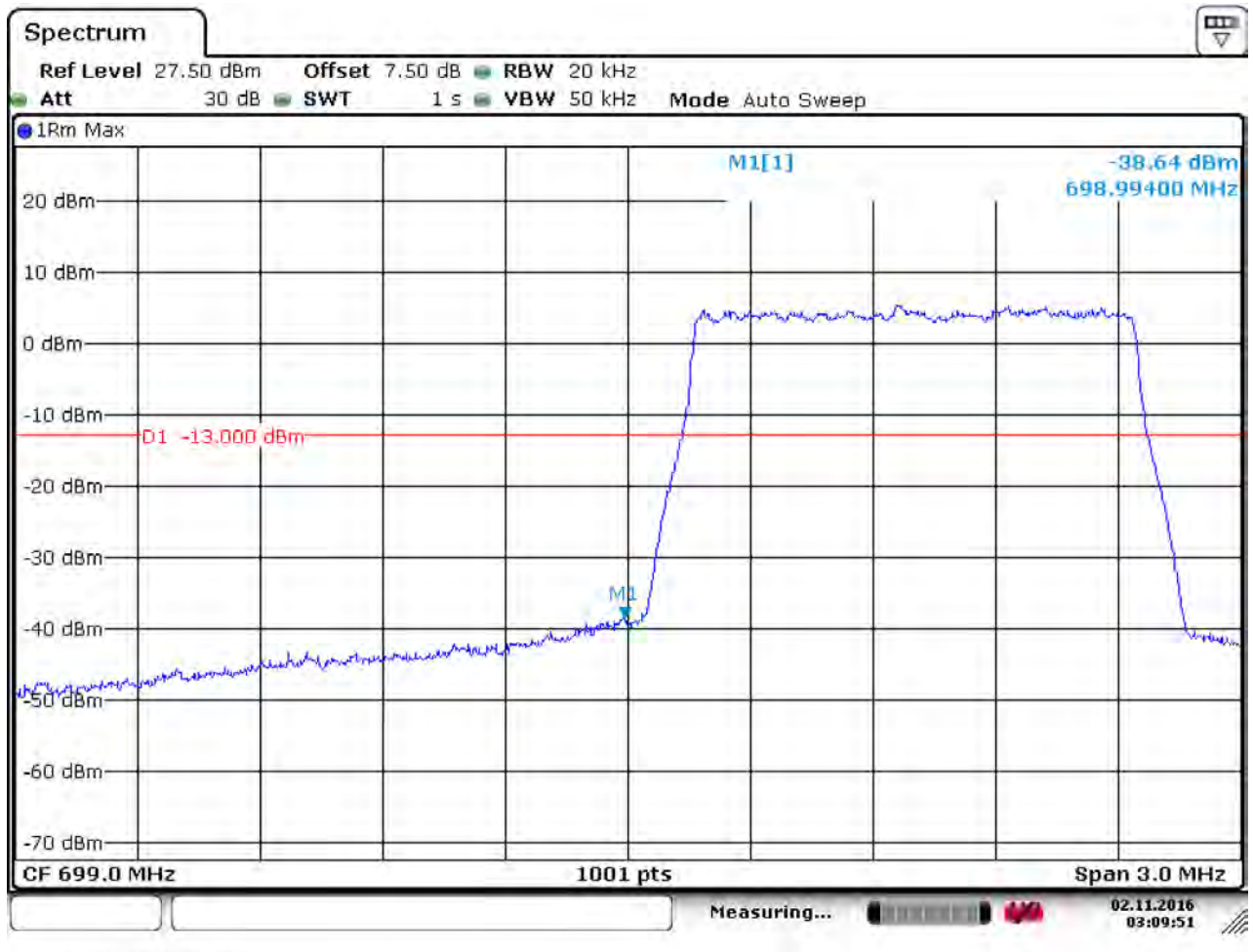
5.1.1.3.1.1 Test RB=1RB



Date: 2.NOV.2016 03:06:31



5.1.1.3.1.2 Test RB=6RB

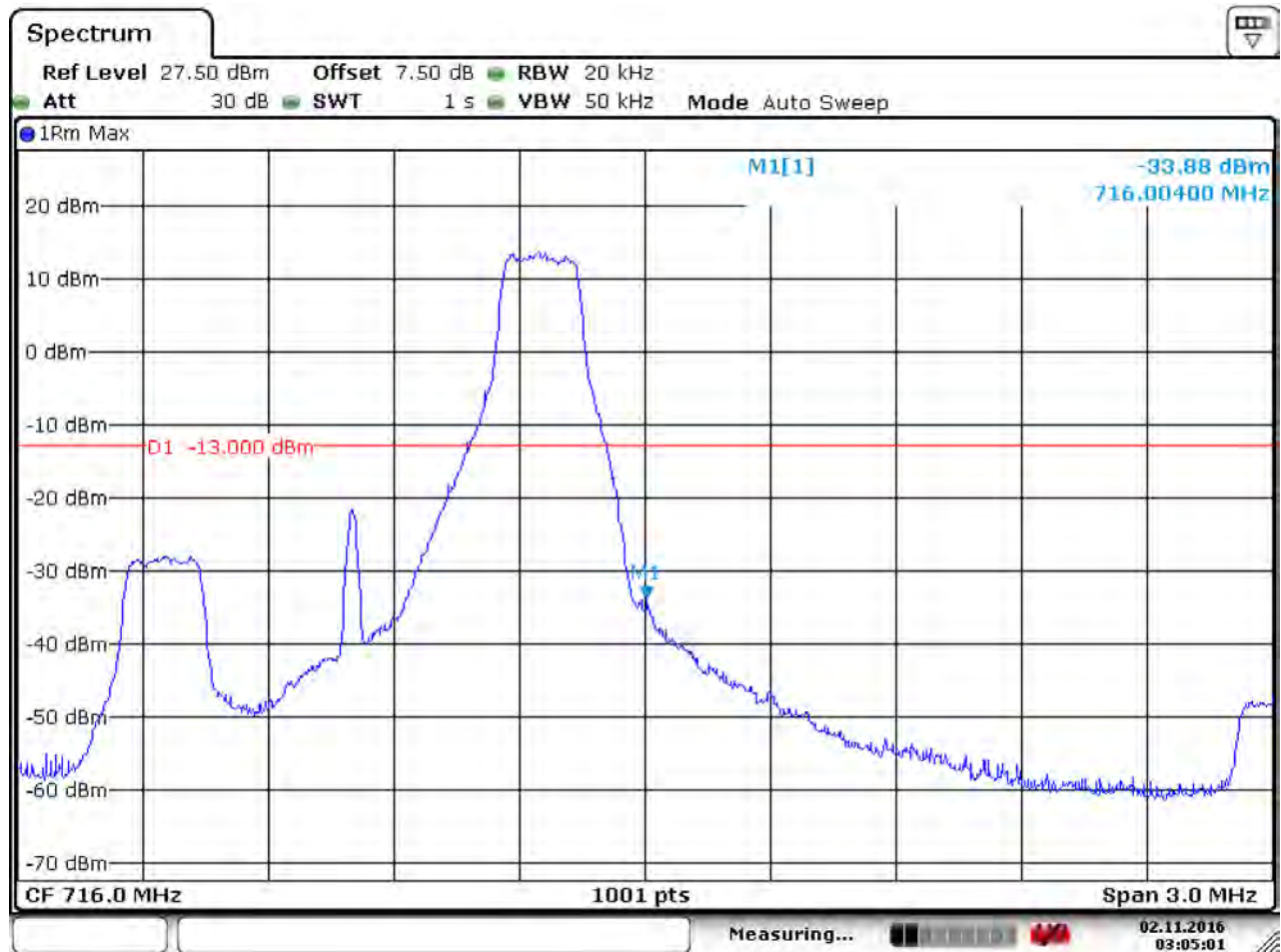


Date: 2.NOV.2016 03:09:51



5.1.1.3.2 Test Channel = HCH

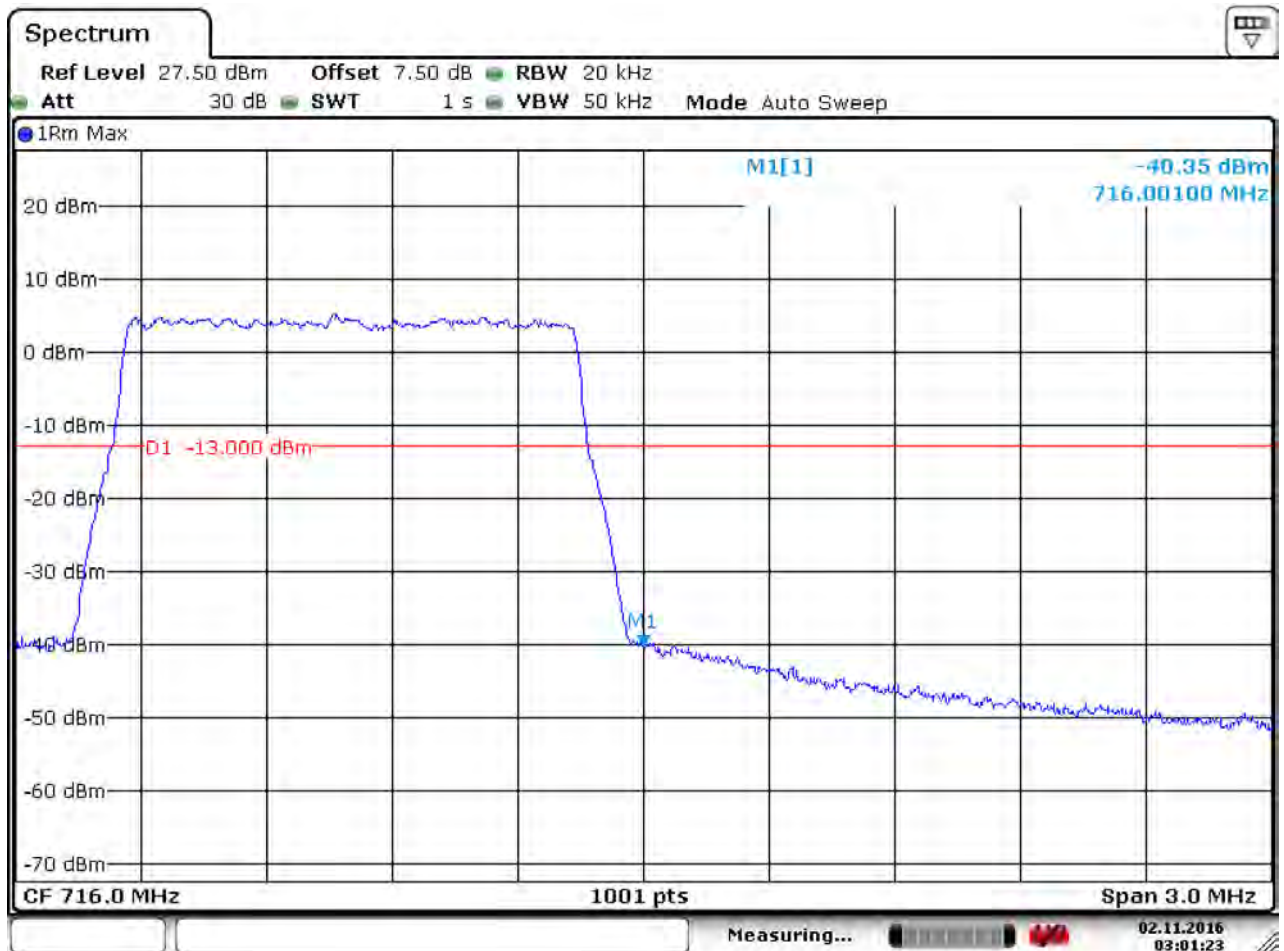
5.1.1.3.2.1 Test RB=1RB



Date: 2.NOV.2016 03:05:01



5.1.1.3.2.2 Test RB=6RB



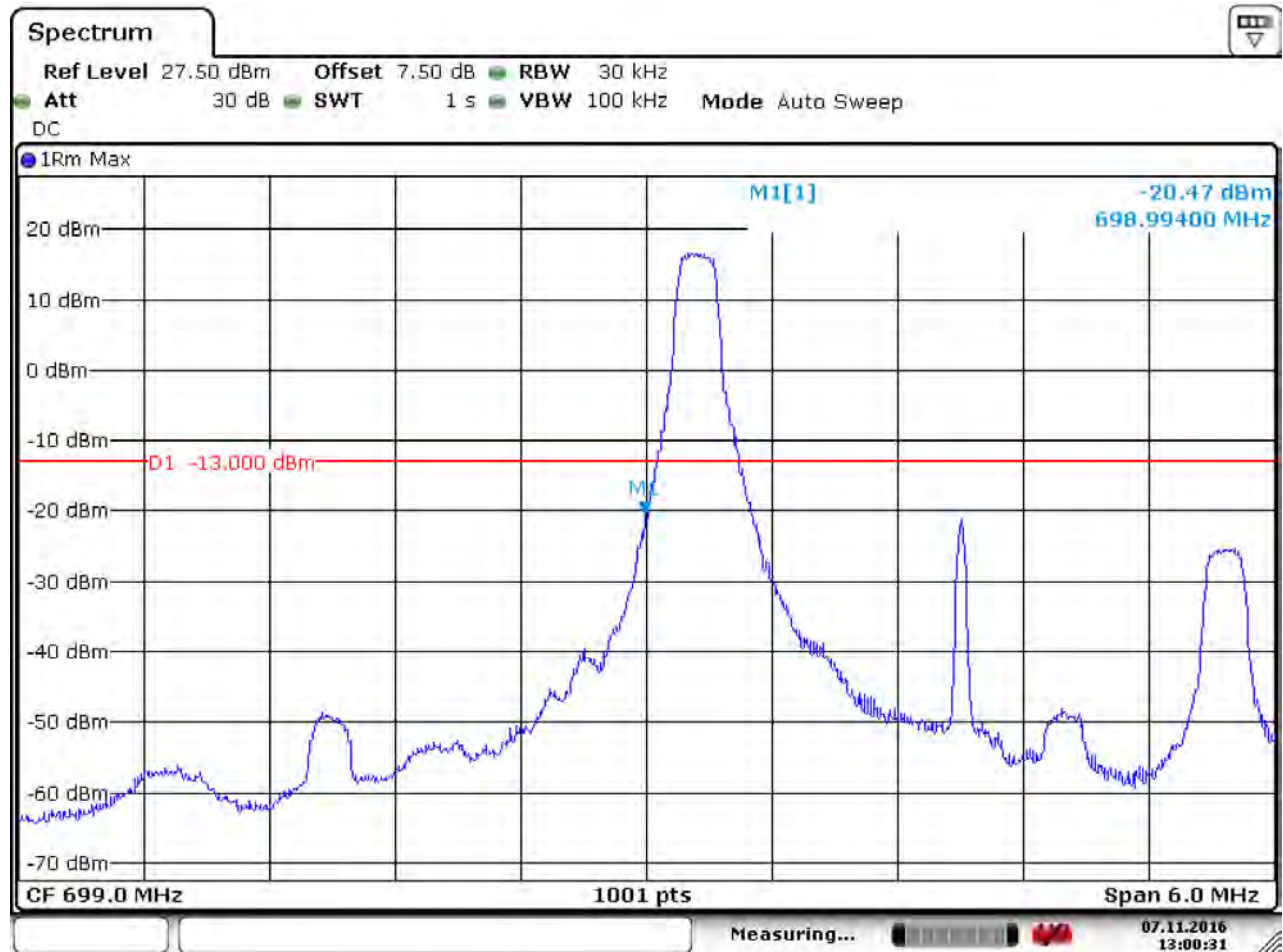
Date: 2.NOV.2016 03:01:24



5.1.1.4 Test Mode = LTE/TM1 3MHz

5.1.1.4.1 Test Channel = LCH

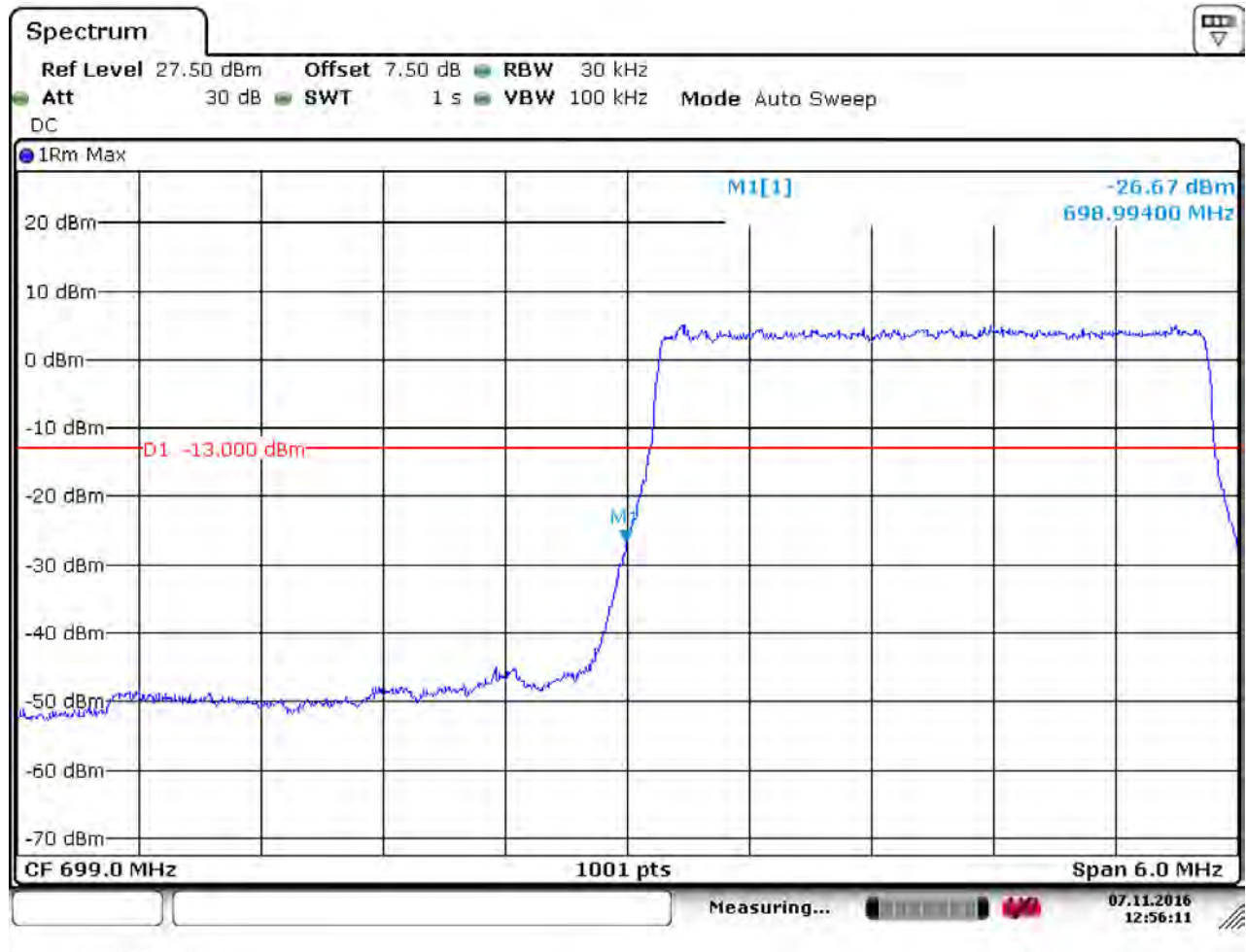
5.1.1.4.1.1 Test RB=1RB



Date: 7.NOV.2016 13:00:32



5.1.1.4.1.2 Test RB=15RB

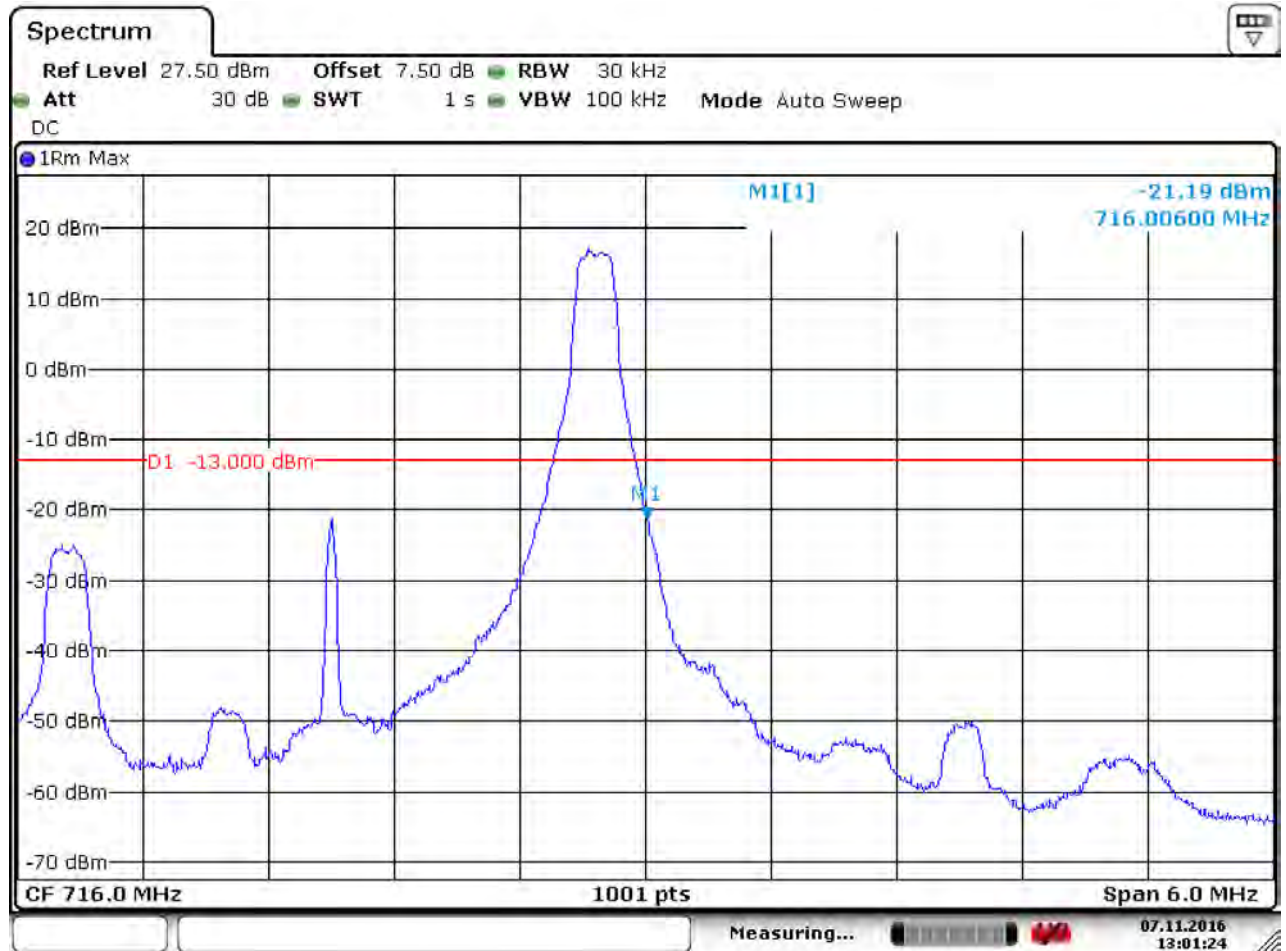


Date: 7.NOV.2016 12:56:11



5.1.1.4.2 Test Channel = HCH

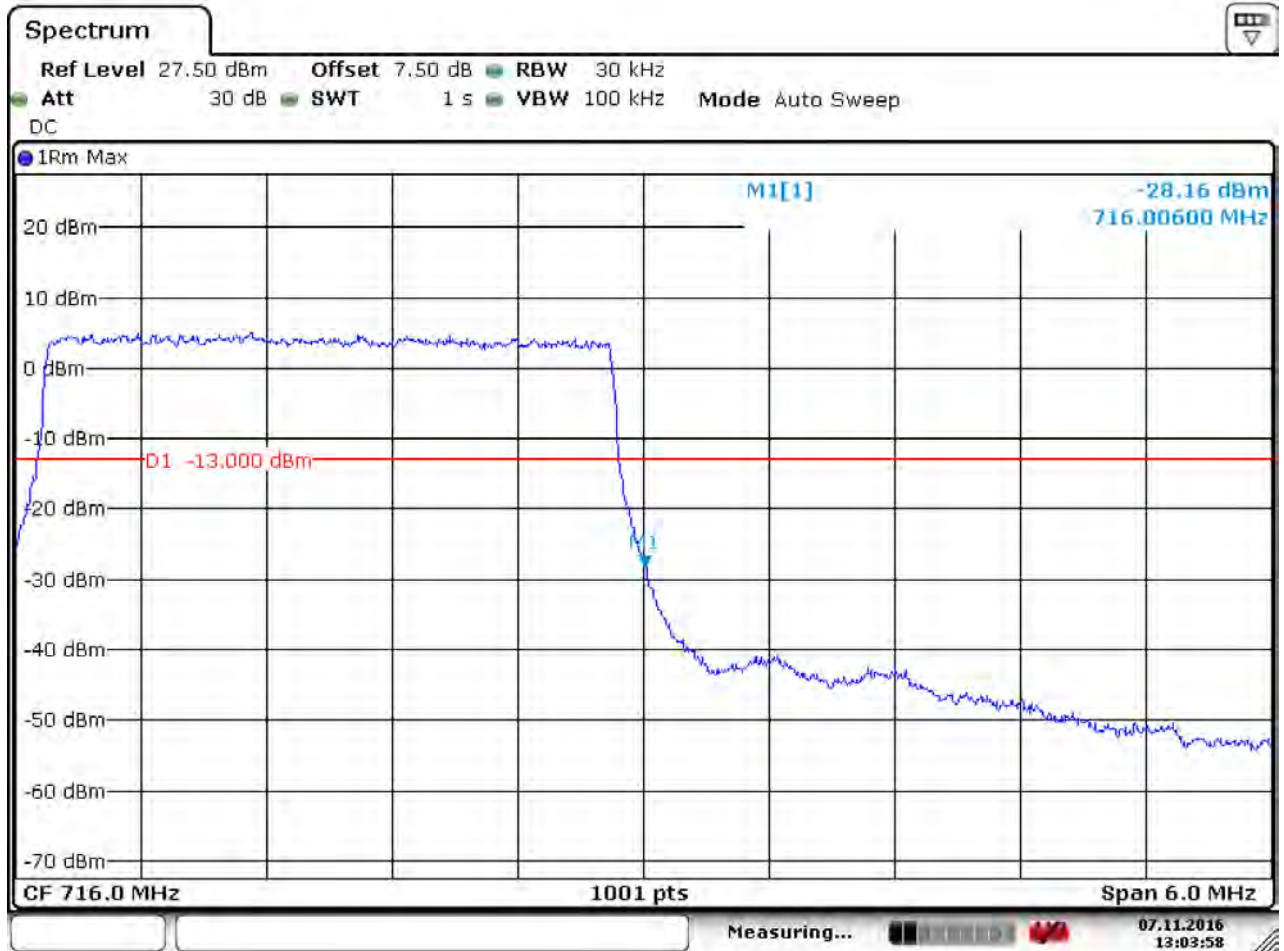
5.1.1.4.2.1 Test RB=1RB



Date: 7. NOV. 2016 13:01:24



5.1.1.4.2.2 Test RB=15RB



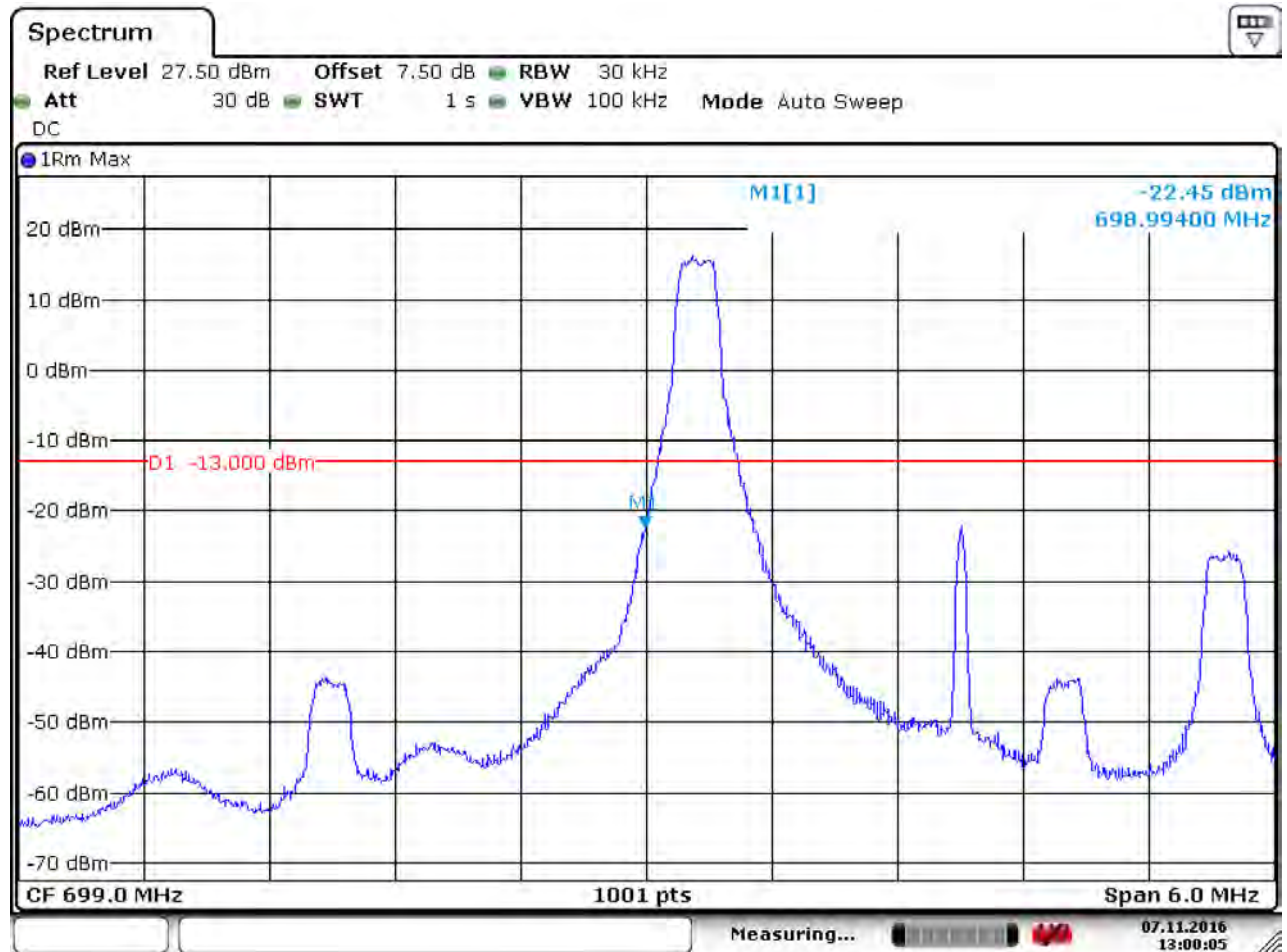
Date: 7.NOV.2016 13:03:59



5.1.1.5 Test Mode = LTE/TM2 3MHz

5.1.1.5.1 Test Channel = LCH

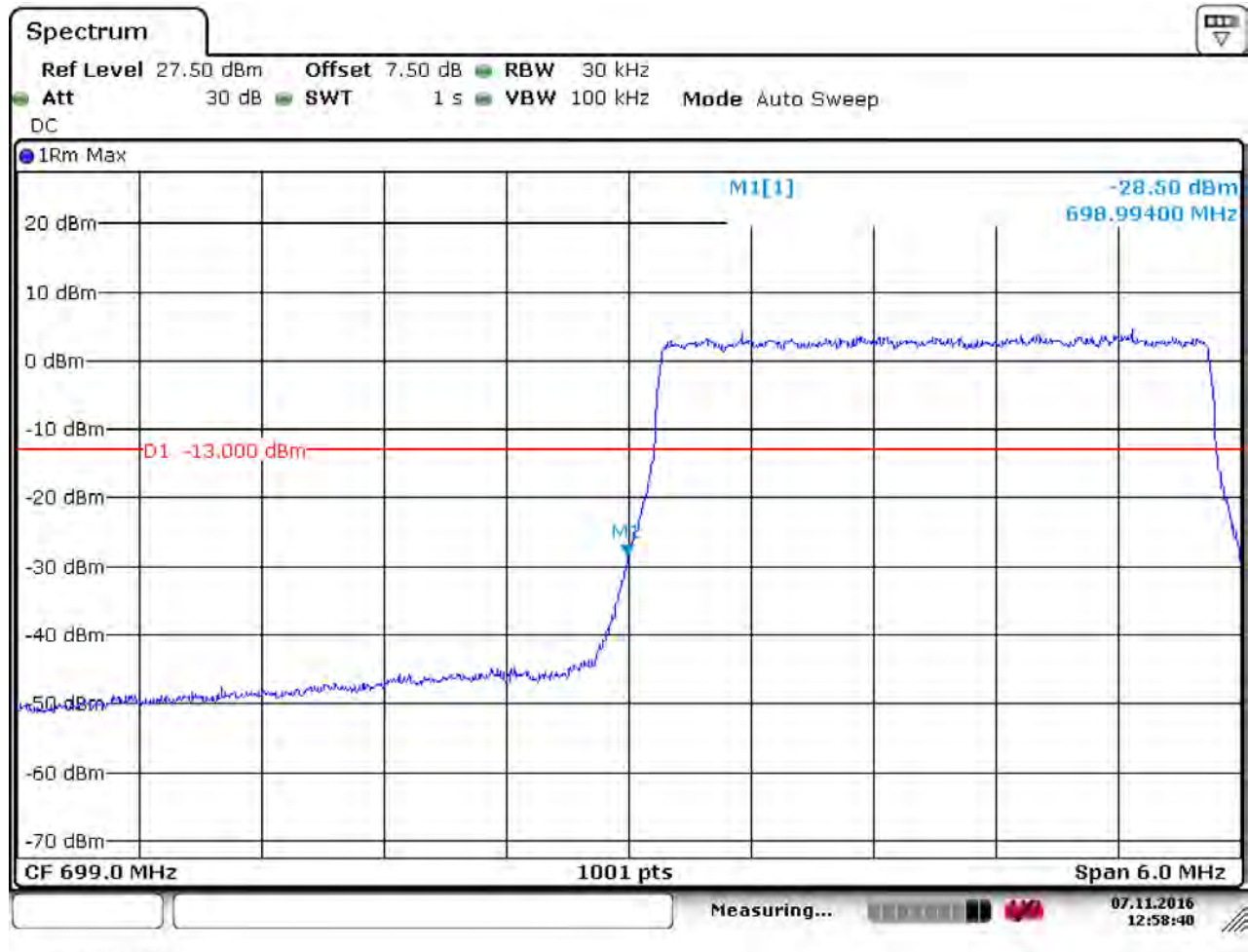
5.1.1.5.1.1 Test RB=1RB



Date: 7.NOV.2016 13:00:05



5.1.1.5.1.2 Test RB=15RB

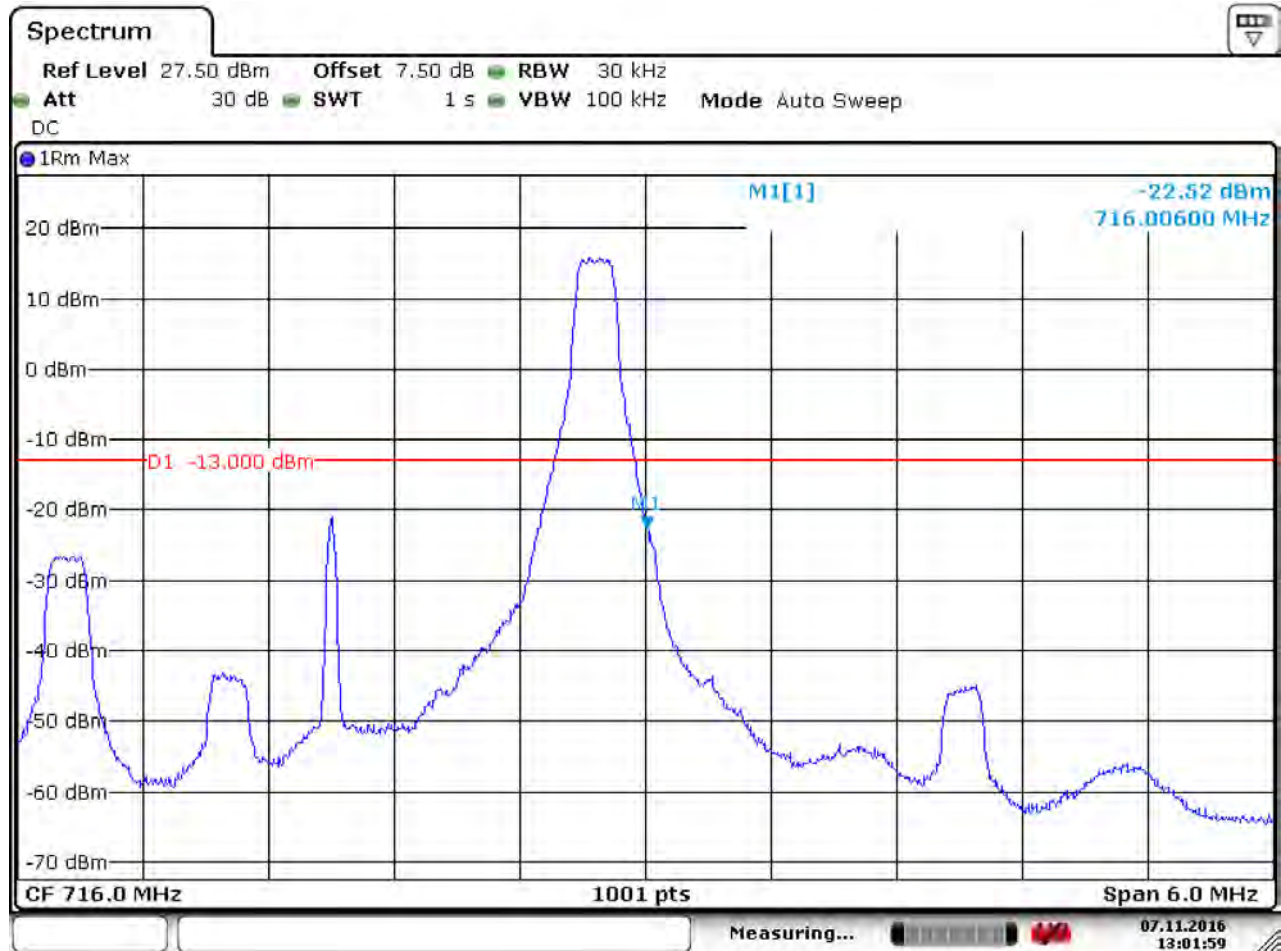


Date: 7.NOV.2016 12:58:41



5.1.1.5.2 Test Channel = HCH

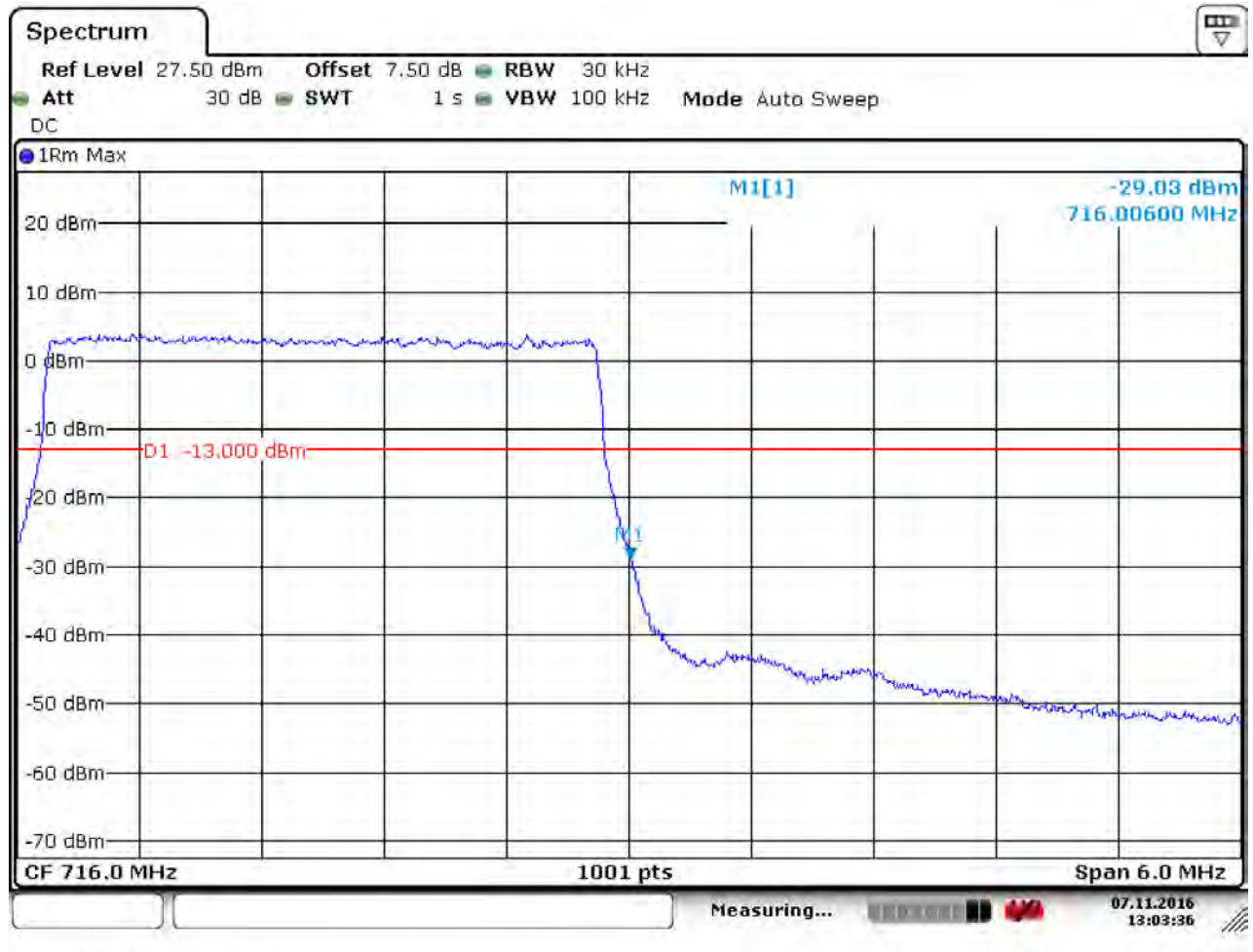
5.1.1.5.2.1 Test RB=1RB



Date: 7.NOV.2016 13:01:59



5.1.1.5.3 Test RB=15RB



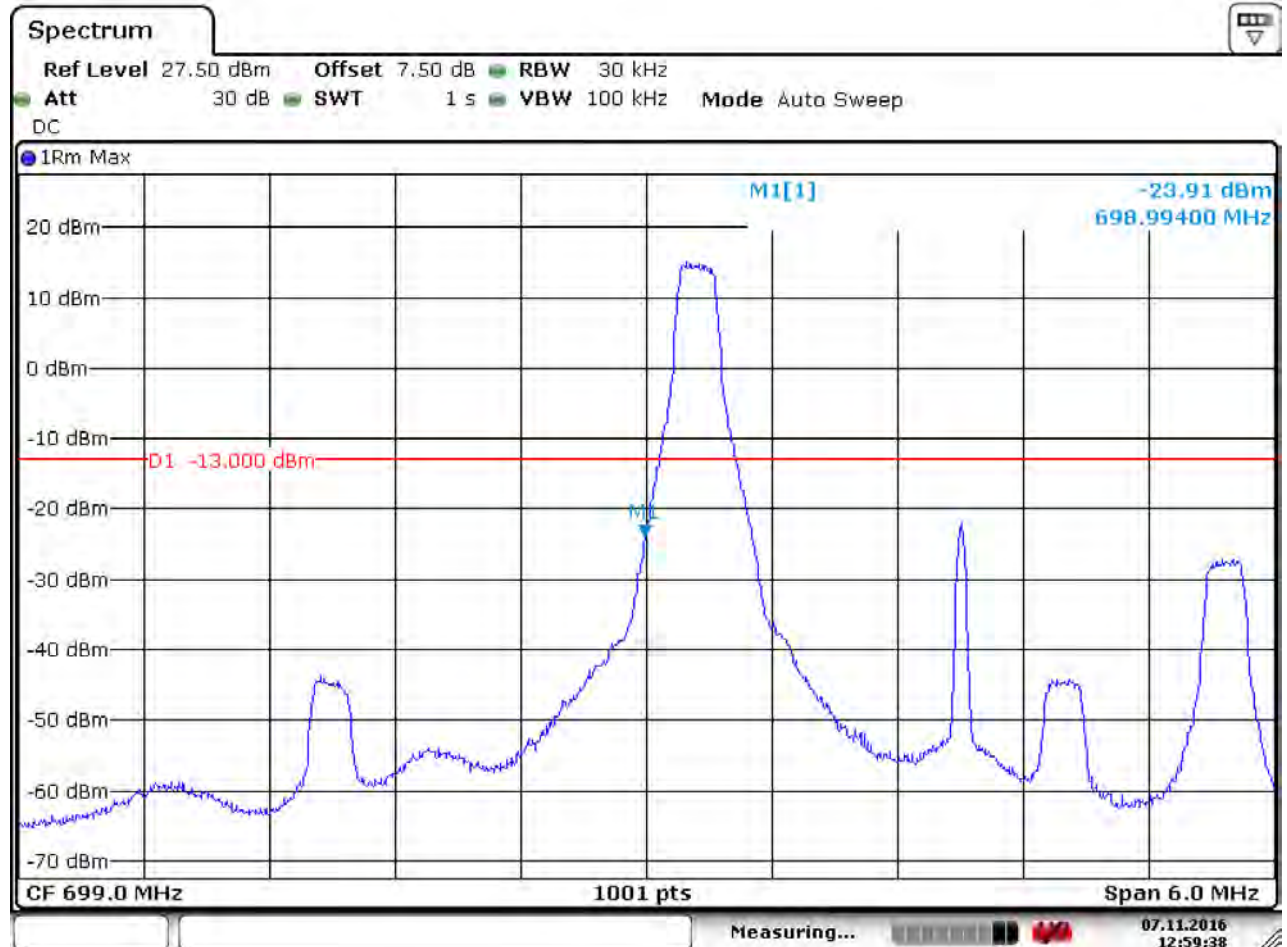
Date: 7. NOV. 2016 13:03:37



5.1.1.6 Test Mode = LTE/TM3 3MHz

5.1.1.6.1 Test Channel = LCH

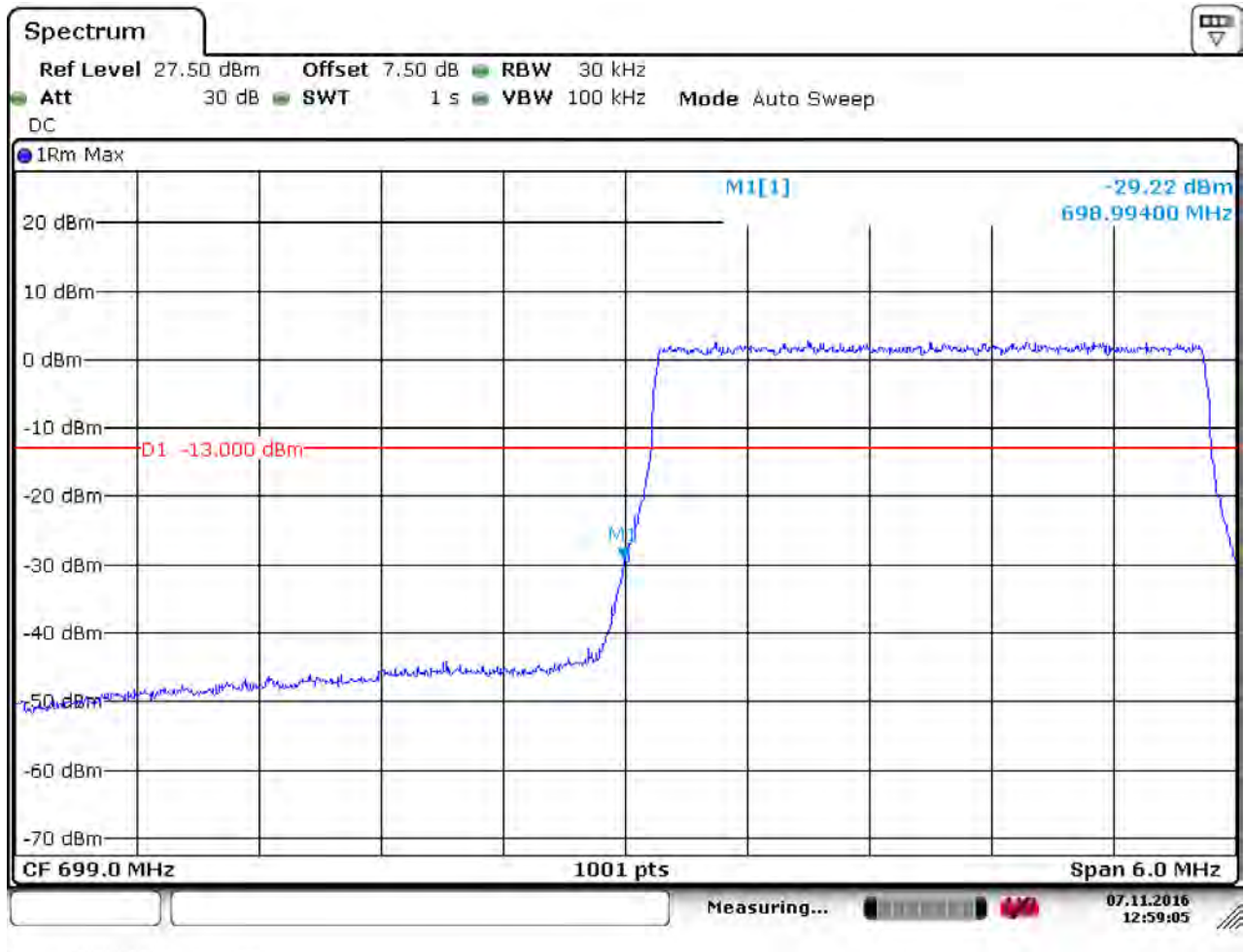
5.1.1.6.2 Test RB=1RB



Date: 7.NOV.2016 12:59:38



5.1.1.6.2.1 Test RB=15RB

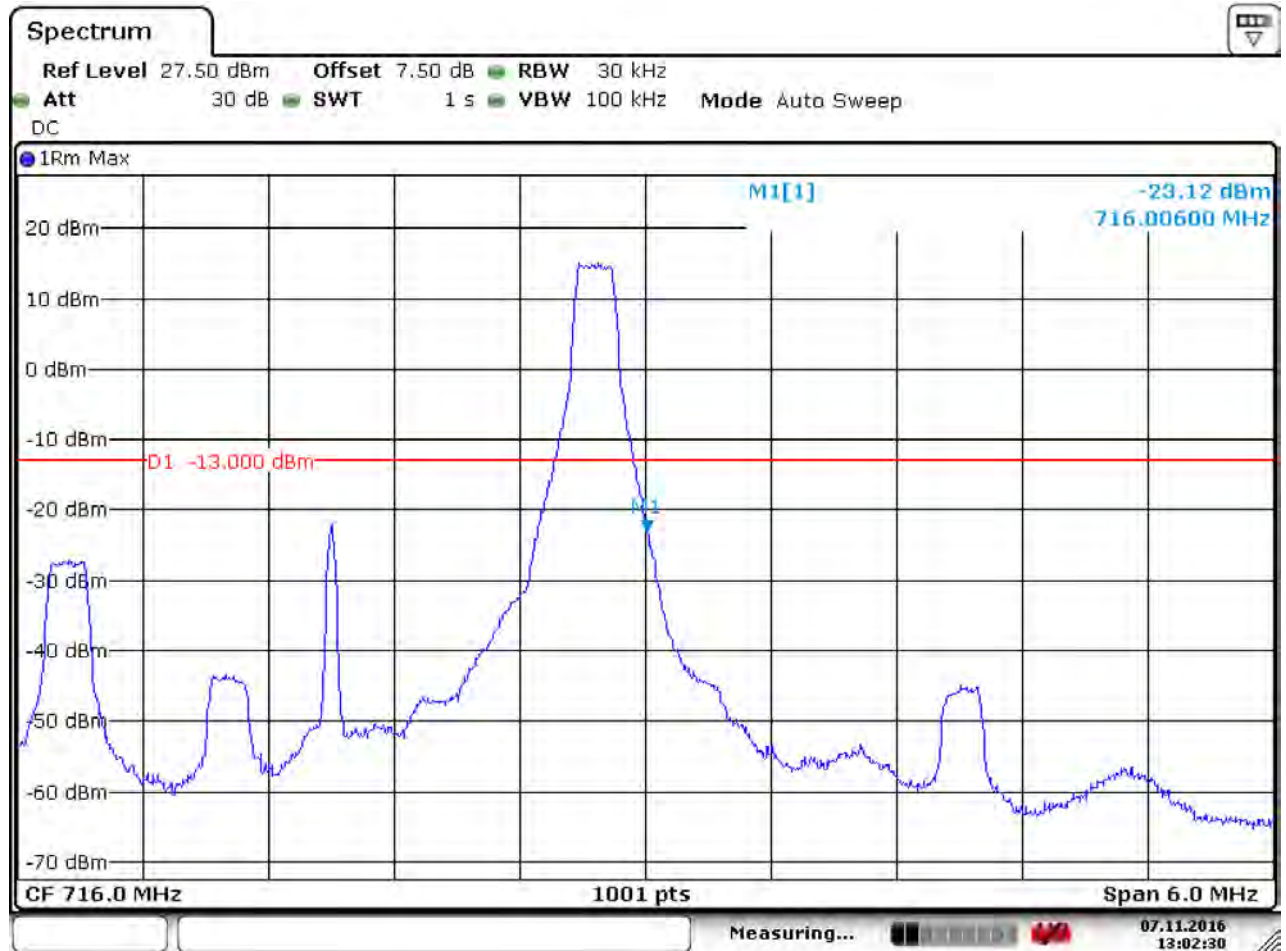


Date: 7.NOV.2016 12:59:05



5.1.1.6.3 Test Channel = HCH

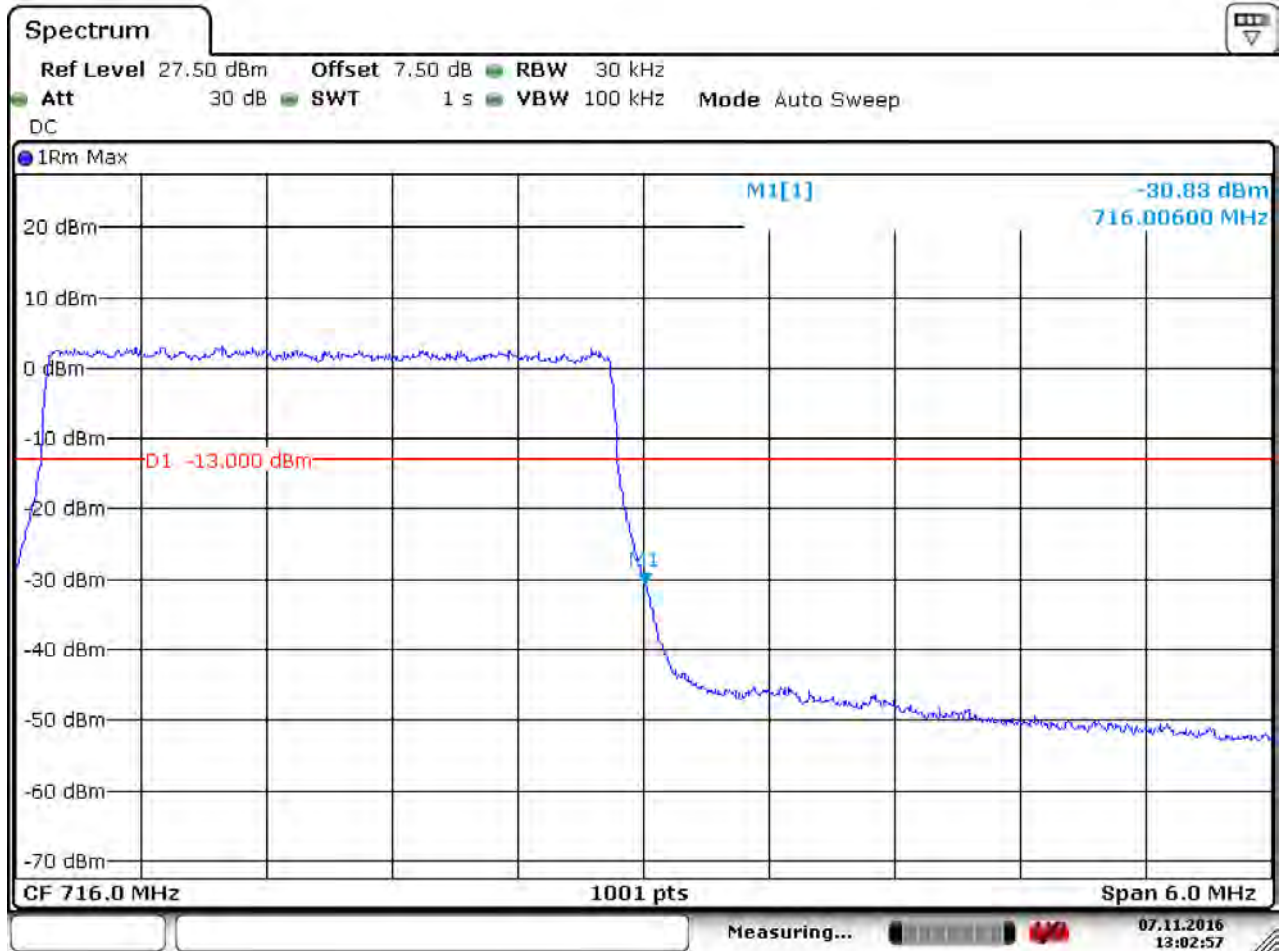
5.1.1.6.3.1 Test RB=1RB



Date: 7. NOV. 2016 13:02:31



5.1.1.6.3.2 Test RB=15RB



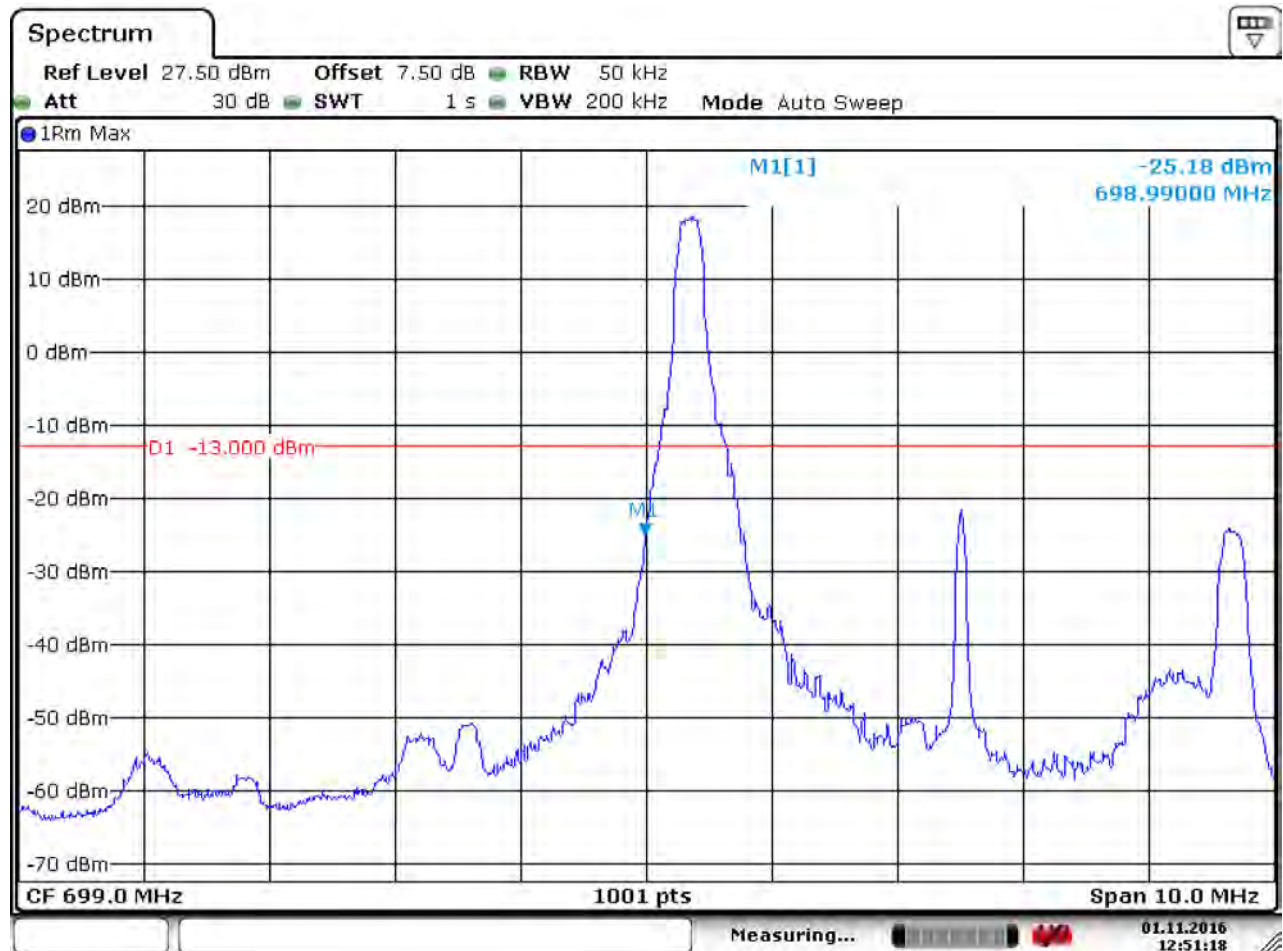
Date: 7.NOV.2016 13:02:57



5.1.1.7 Test Mode = LTE/TM1 5MHz

5.1.1.7.1 Test Channel = LCH

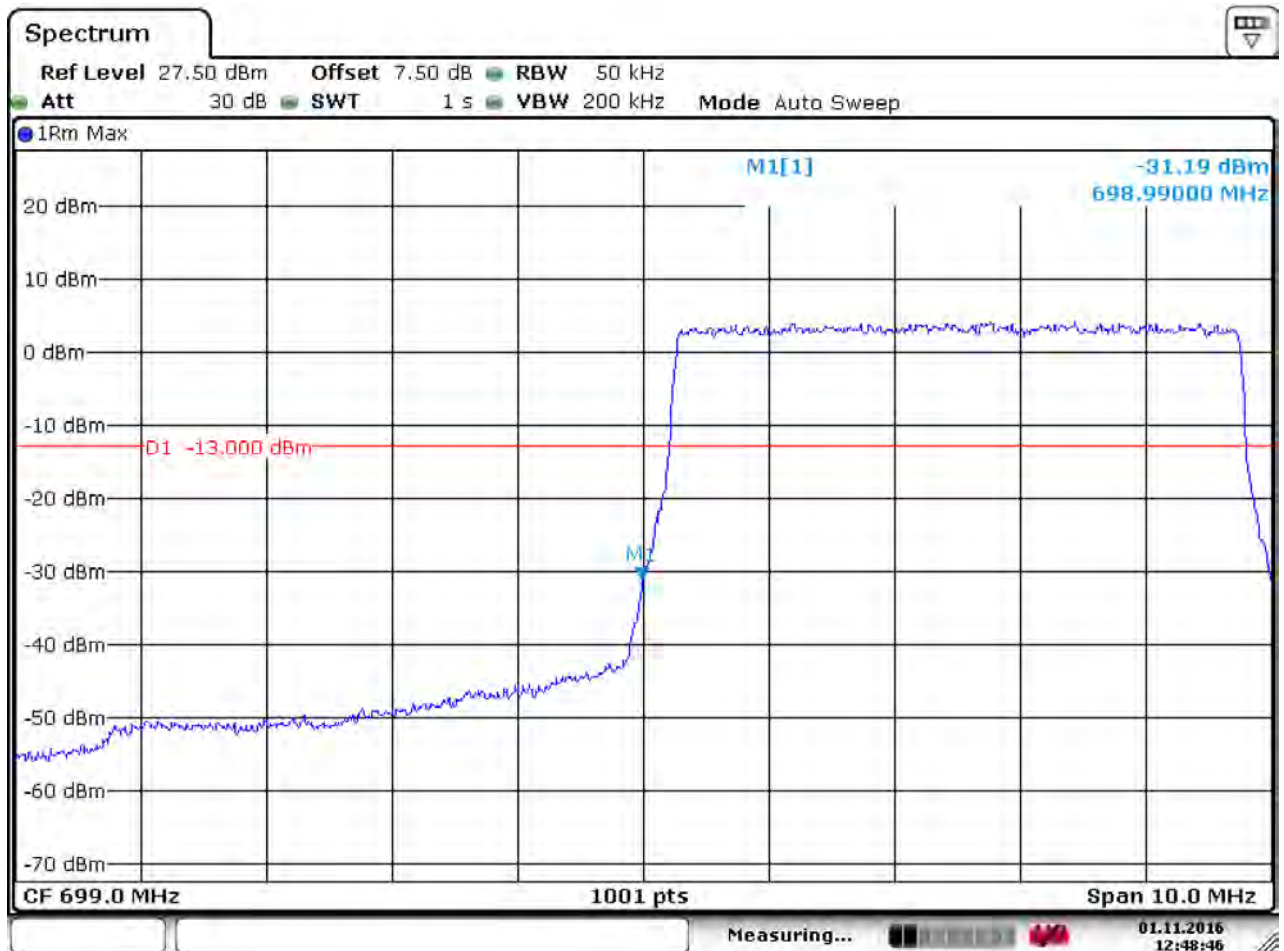
5.1.1.7.1.1 Test RB=1RB



Date: 1.NOV.2016 12:51:19



5.1.1.7.1.2 Test RB=25RB

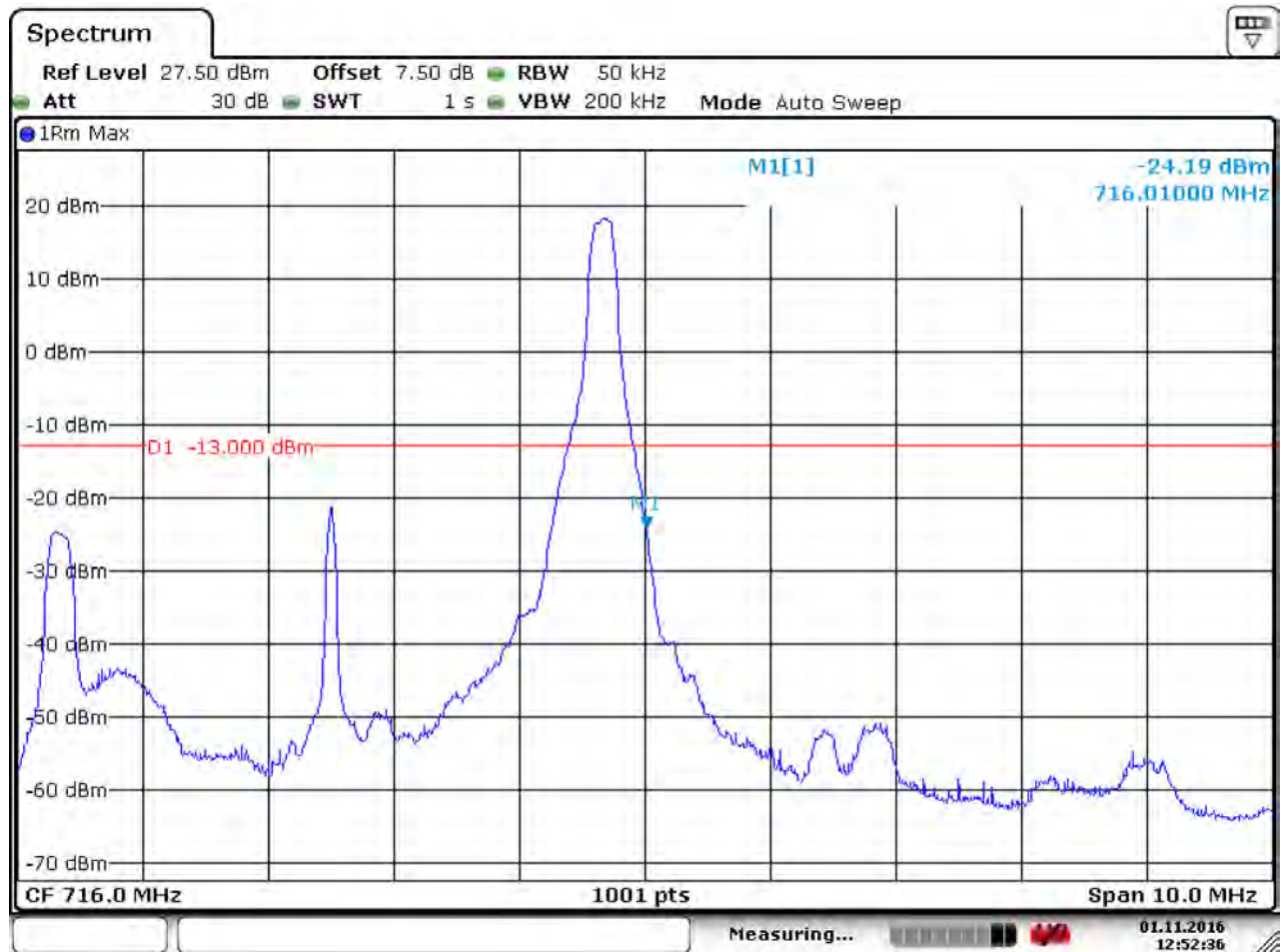


Date: 1.NOV.2016 12:48:46



5.1.1.7.2 Test Channel = HCH

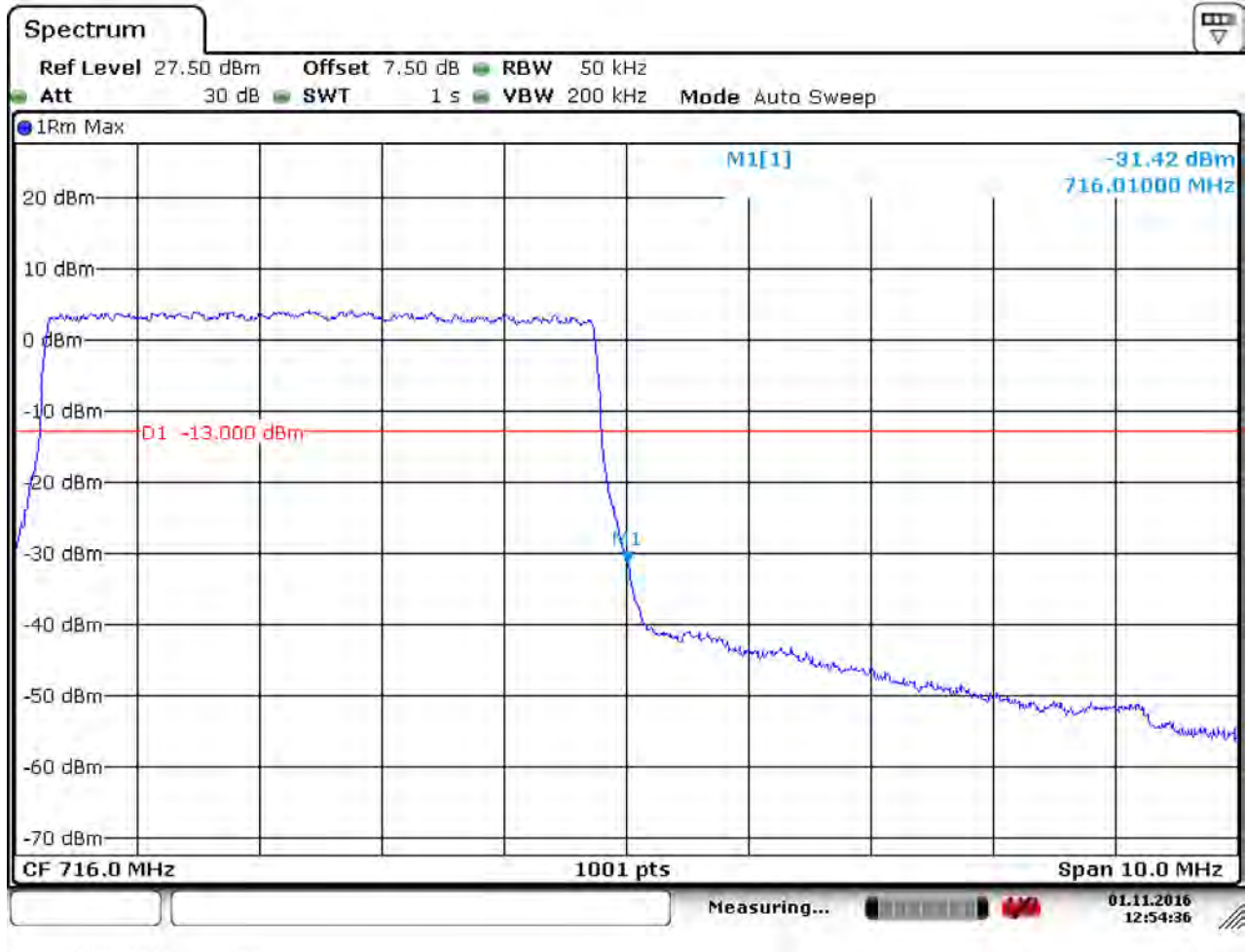
5.1.1.7.2.1 Test RB=1RB



Date: 1.NOV.2016 12:52:37



5.1.1.7.2.2 Test RB=25RB



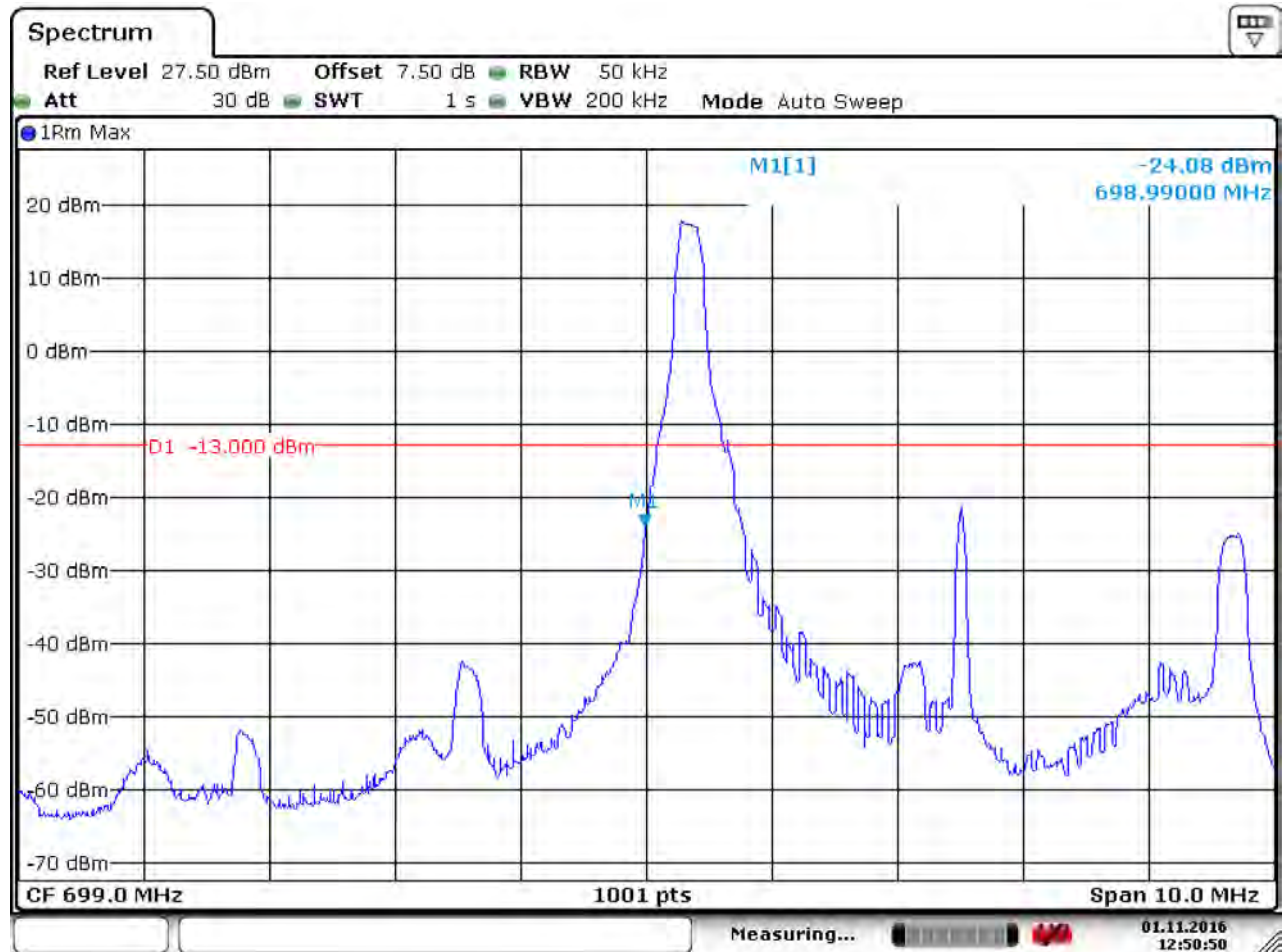
Date: 1.NOV.2016 12:54:36



5.1.1.8 Test Mode = LTE/TM2 5MHz

5.1.1.8.1 Test Channel = LCH

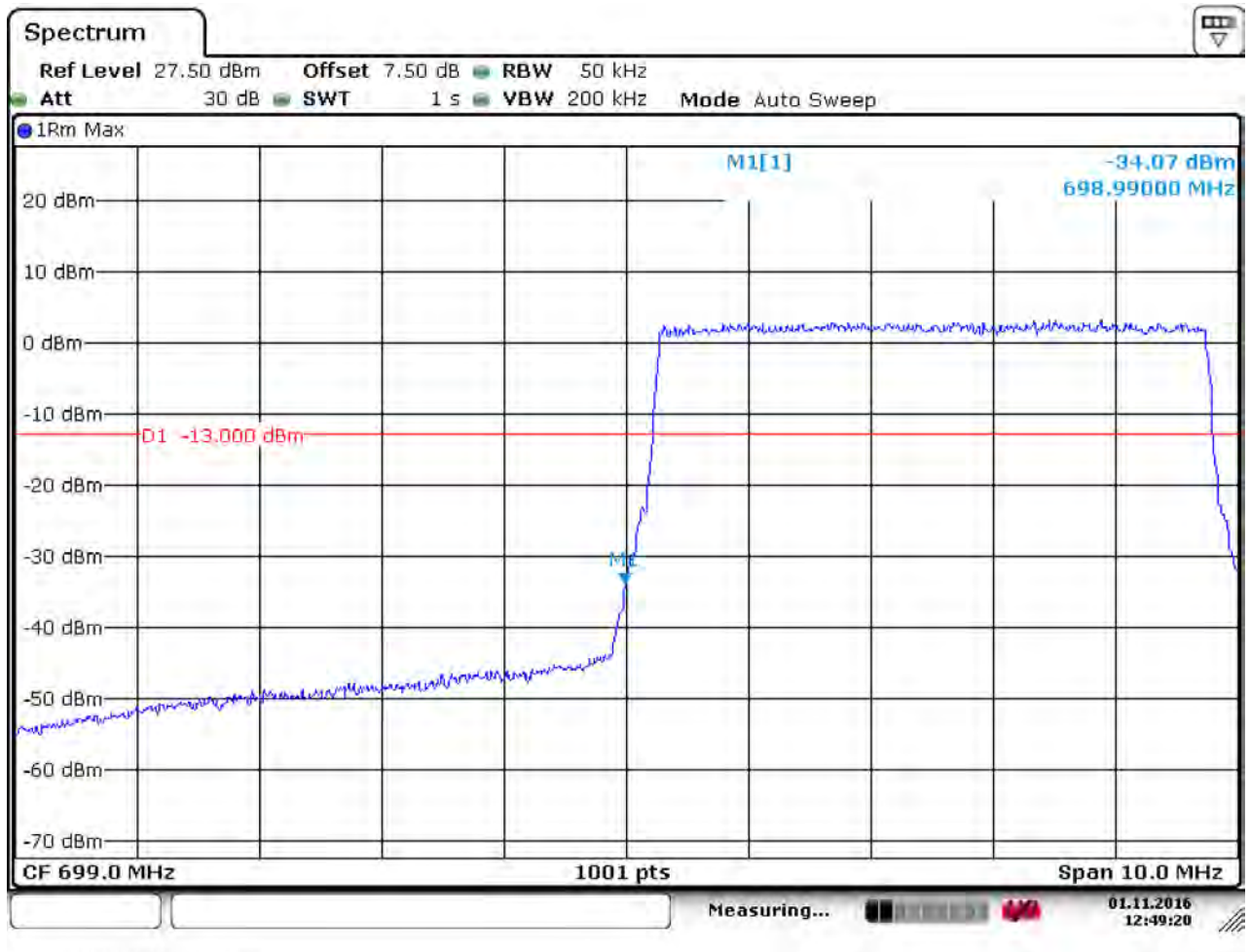
5.1.1.8.1.1 Test RB=1RB



Date: 1.NOV.2016 12:50:51



5.1.1.8.1.2 Test RB=25RB

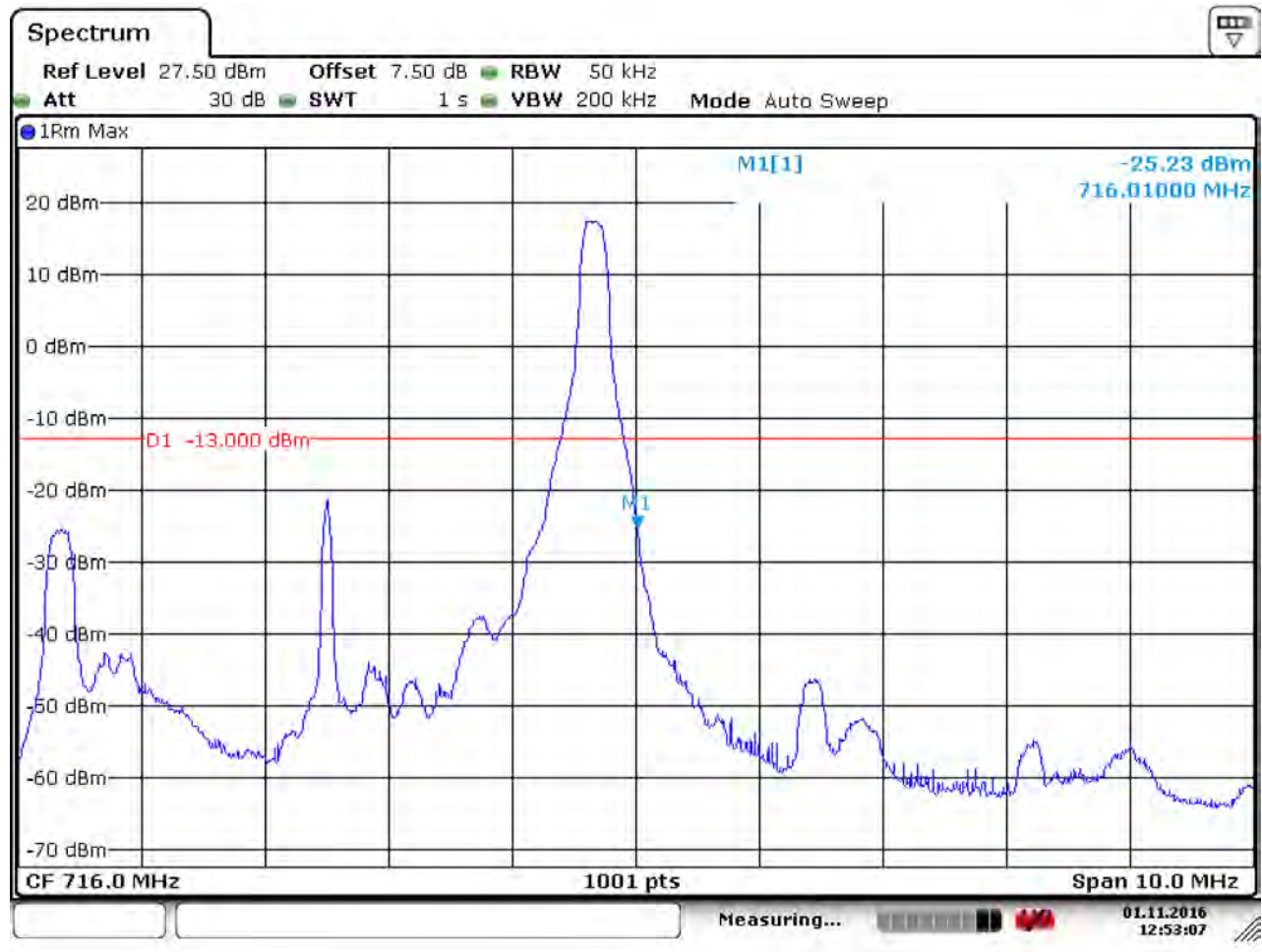


Date: 1.NOV.2016 12:49:20



5.1.1.8.2 Test Channel = HCH

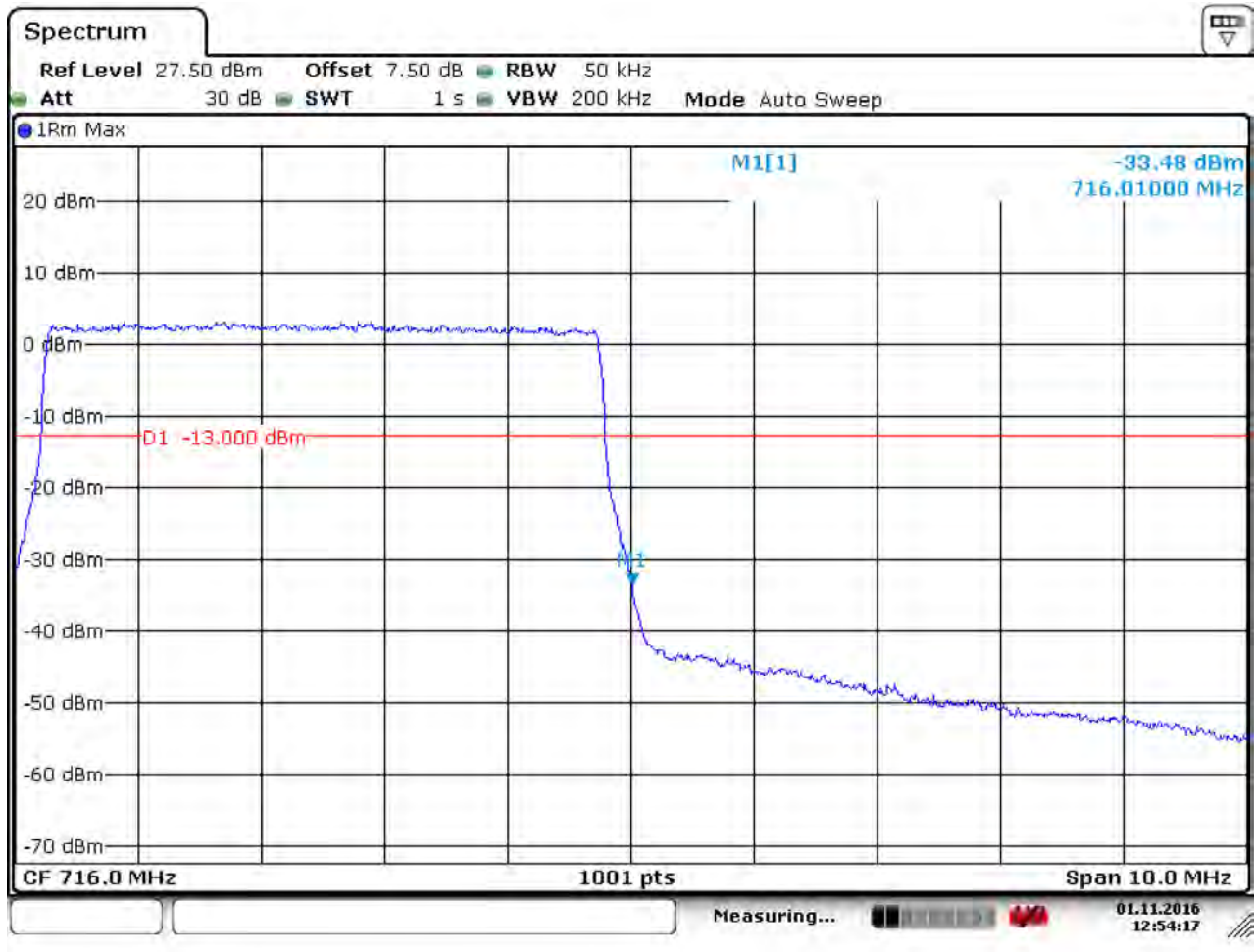
5.1.1.8.2.1 Test RB=1RB



Date: 1.NOV.2016 12:53:07



5.1.1.8.2.2 Test RB=25RB



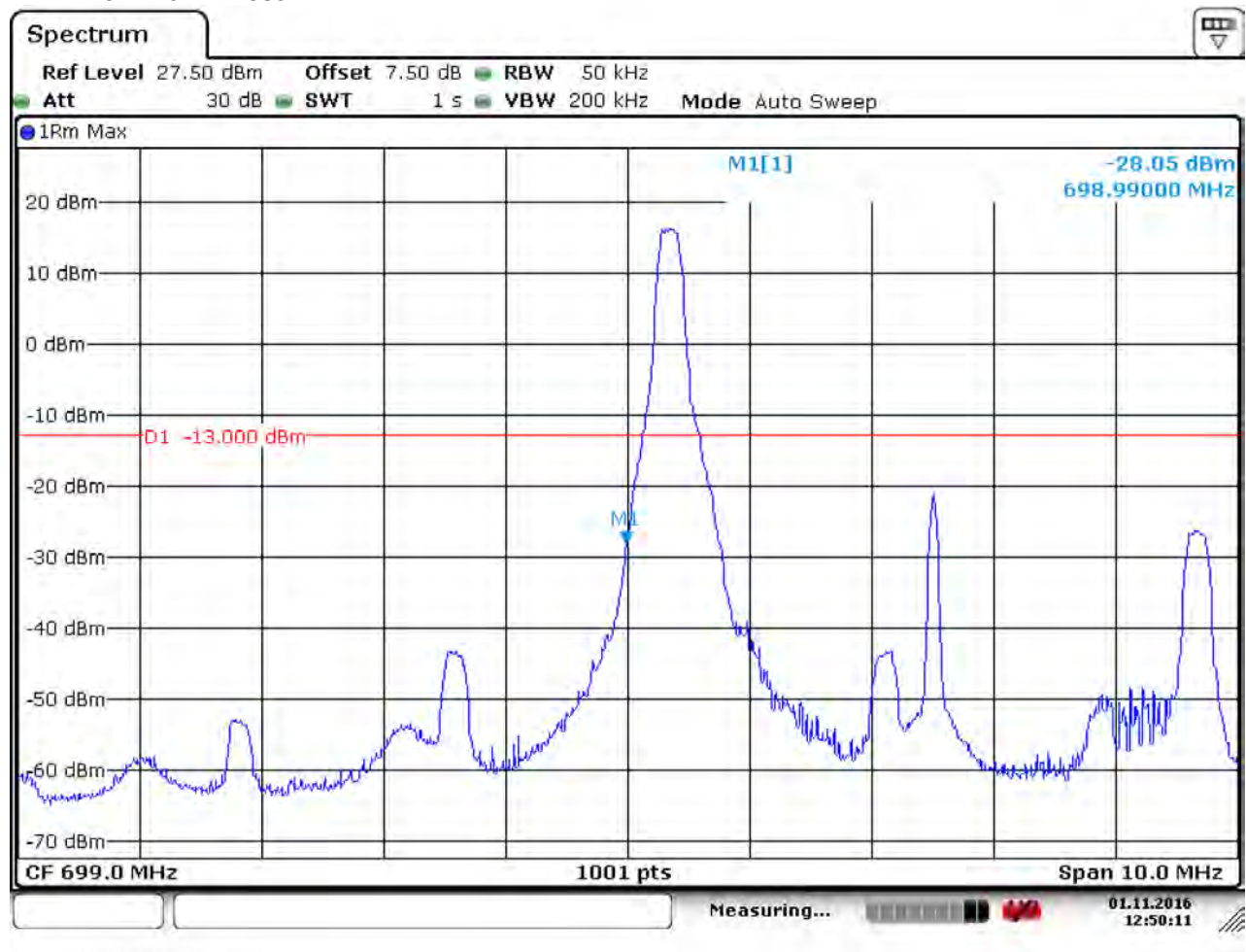
Date: 1.NOV.2016 12:54:17



5.1.1.9 Test Mode = LTE/TM3 5MHz

5.1.1.9.1 Test Channel = LCH

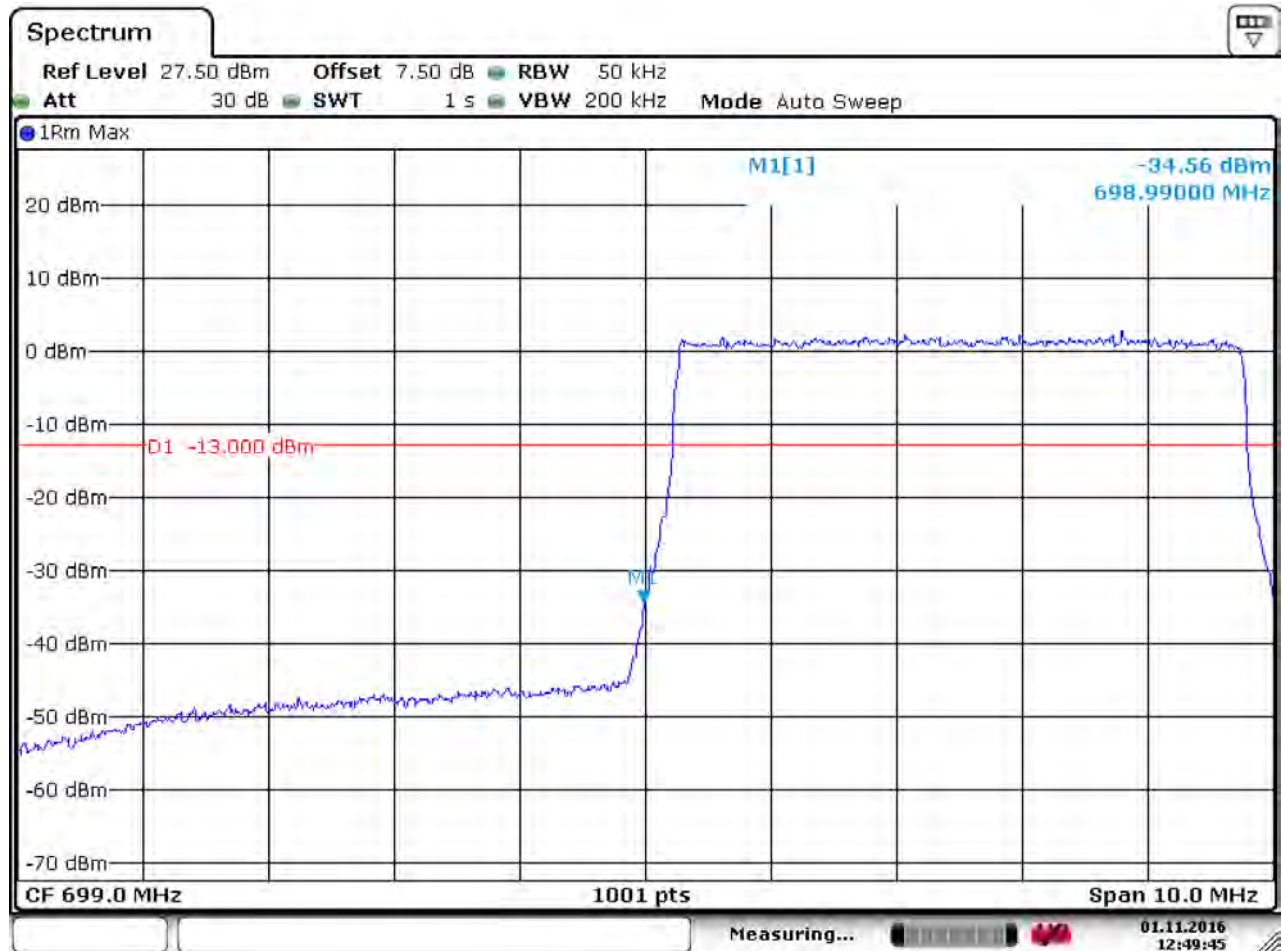
5.1.1.9.1.1 Test RB=1RB



Date: 1.NOV.2016 12:50:12



5.1.1.9.1.2 Test RB=25RB

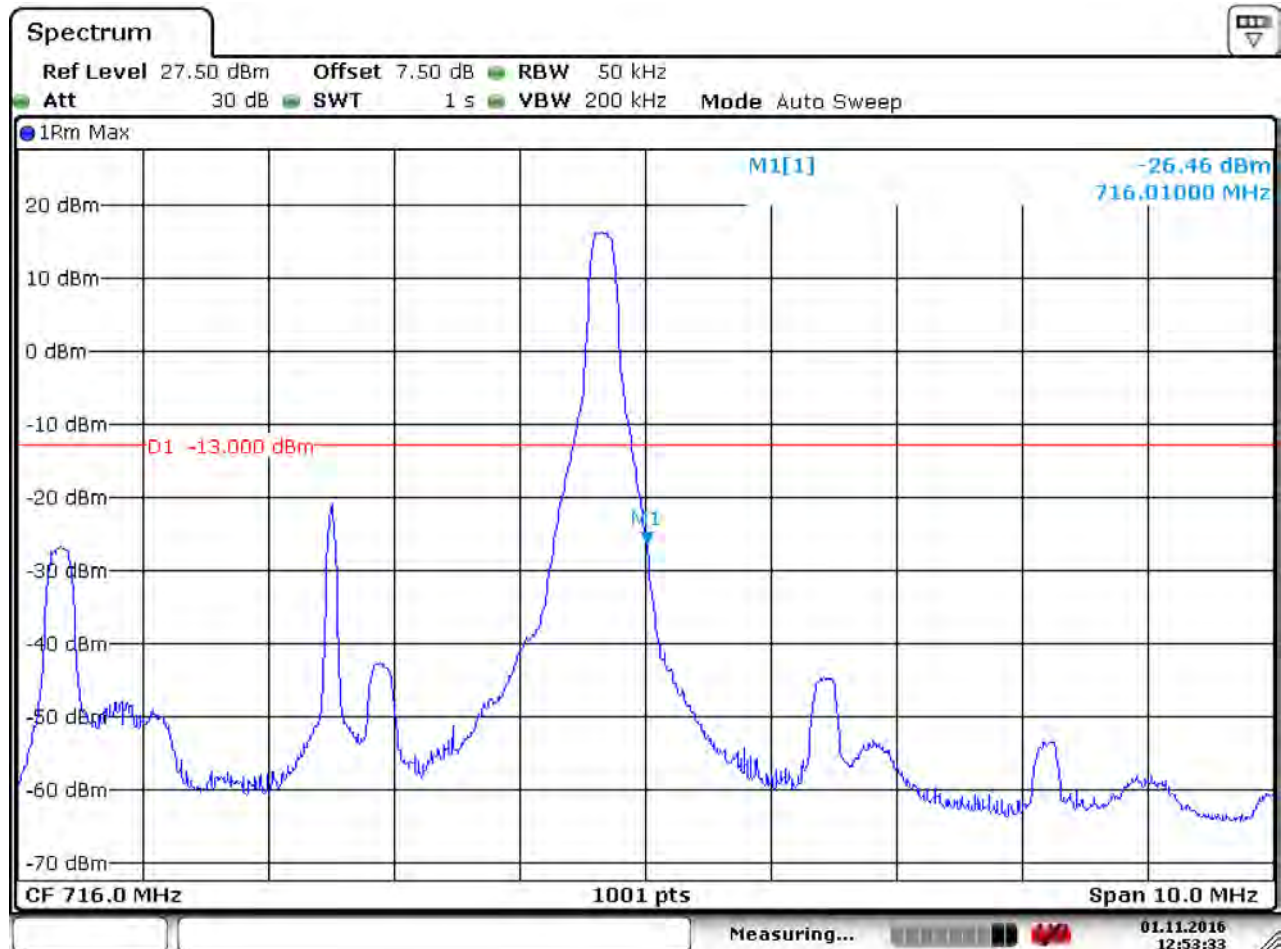


Date: 1.NOV.2016 12:49:46



5.1.1.9.2 Test Channel = HCH

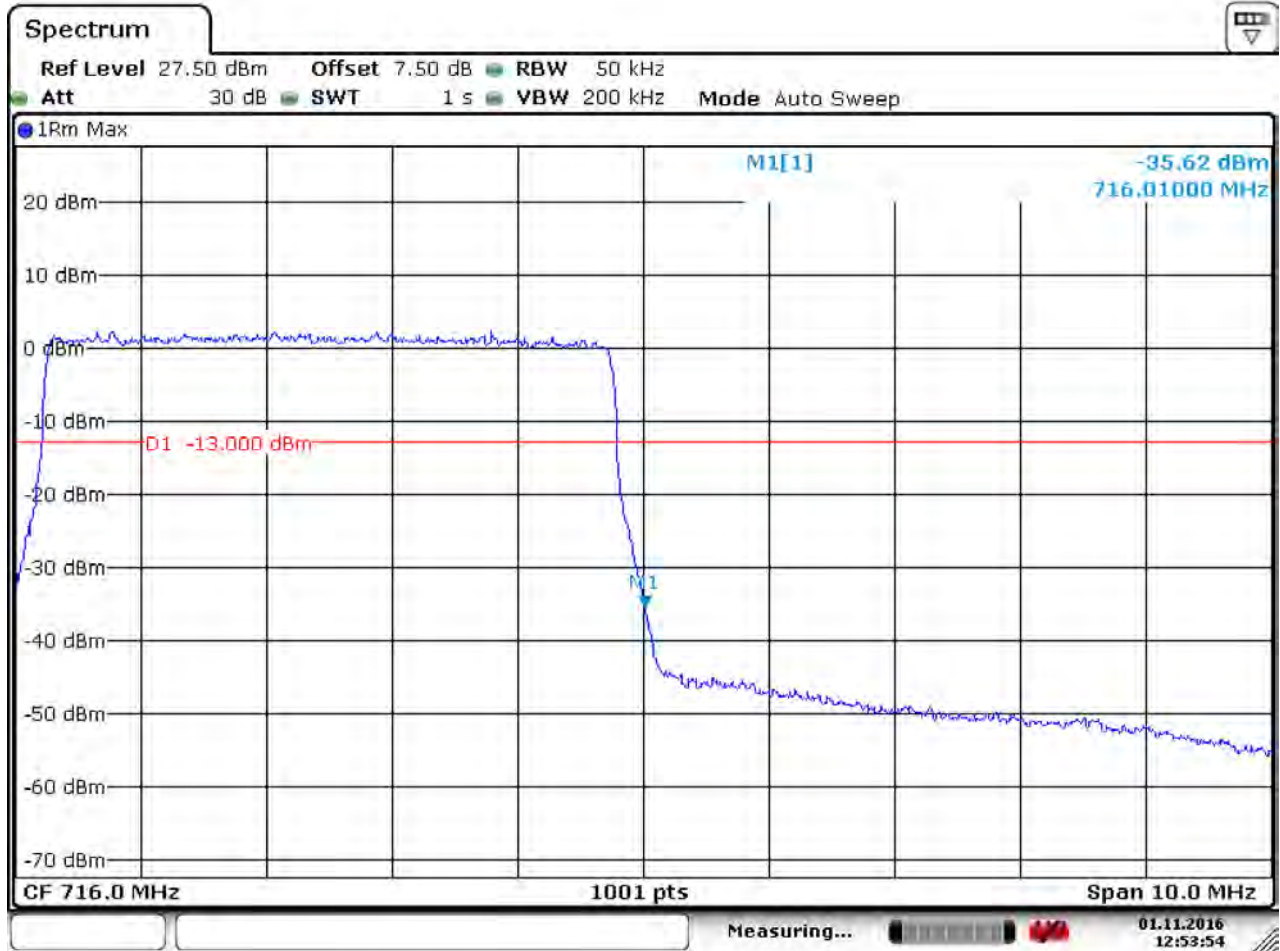
5.1.1.9.2.1 Test RB=1RB



Date: 1.NOV.2016 12:53:34



5.1.1.9.2.2 Test RB=25RB



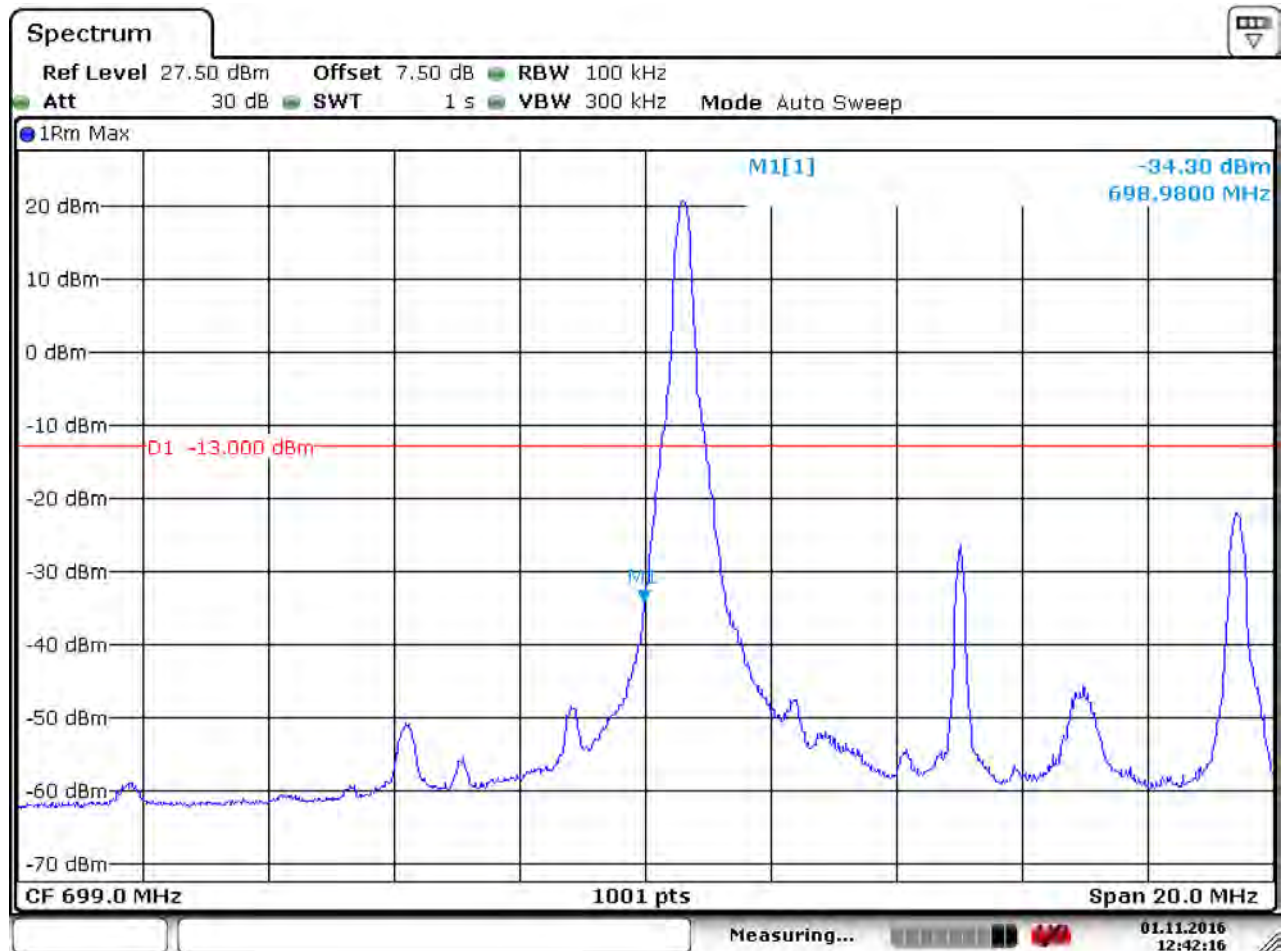
Date: 1.NOV.2016 12:53:54



5.1.1.10 Test Mode = LTE/TM1 10MHz

5.1.1.10.1 Test Channel = LCH

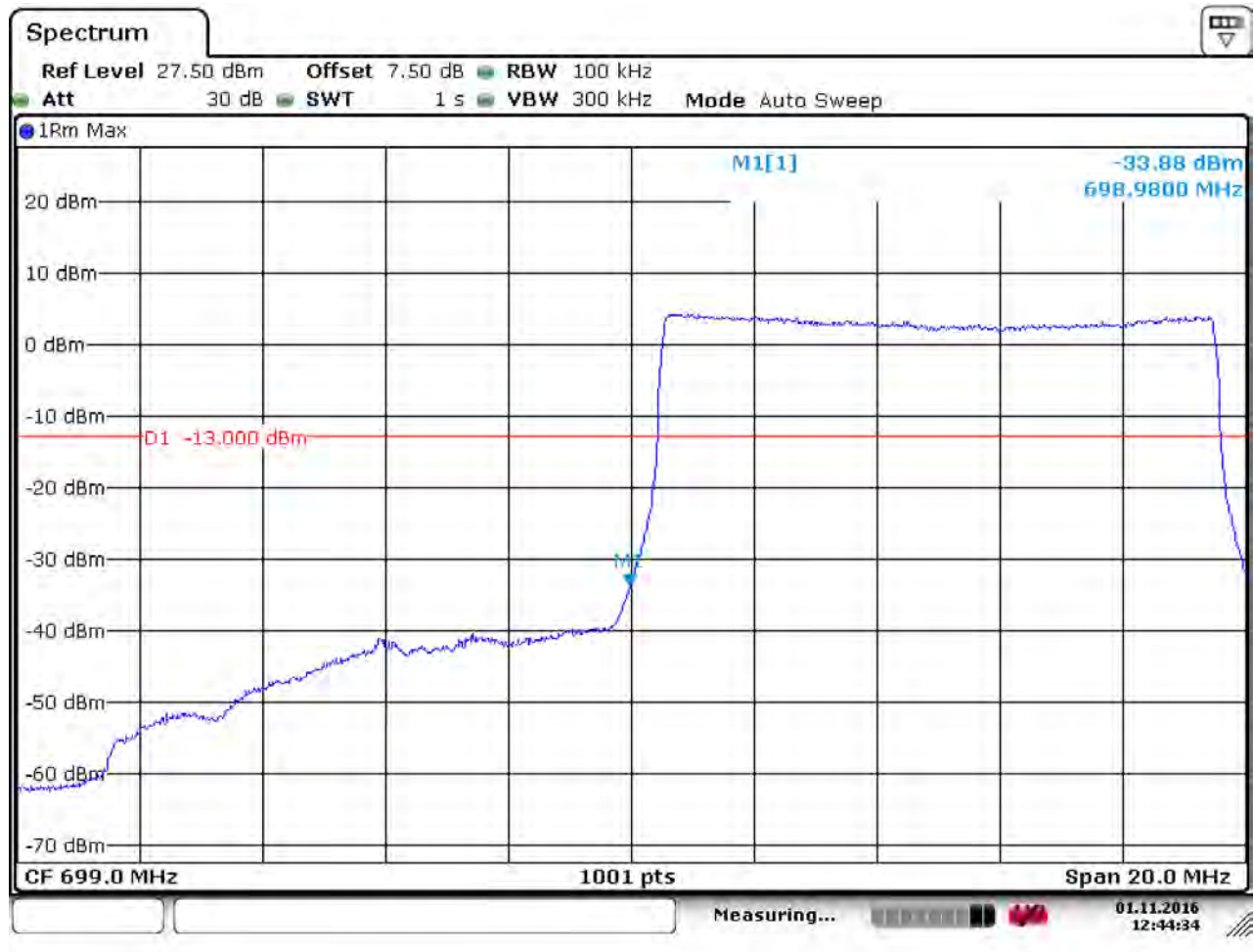
5.1.1.10.1.1 Test RB=1RB



Date: 1.NOV.2016 12:42:17



5.1.1.10.1.2 Test RB=50RB

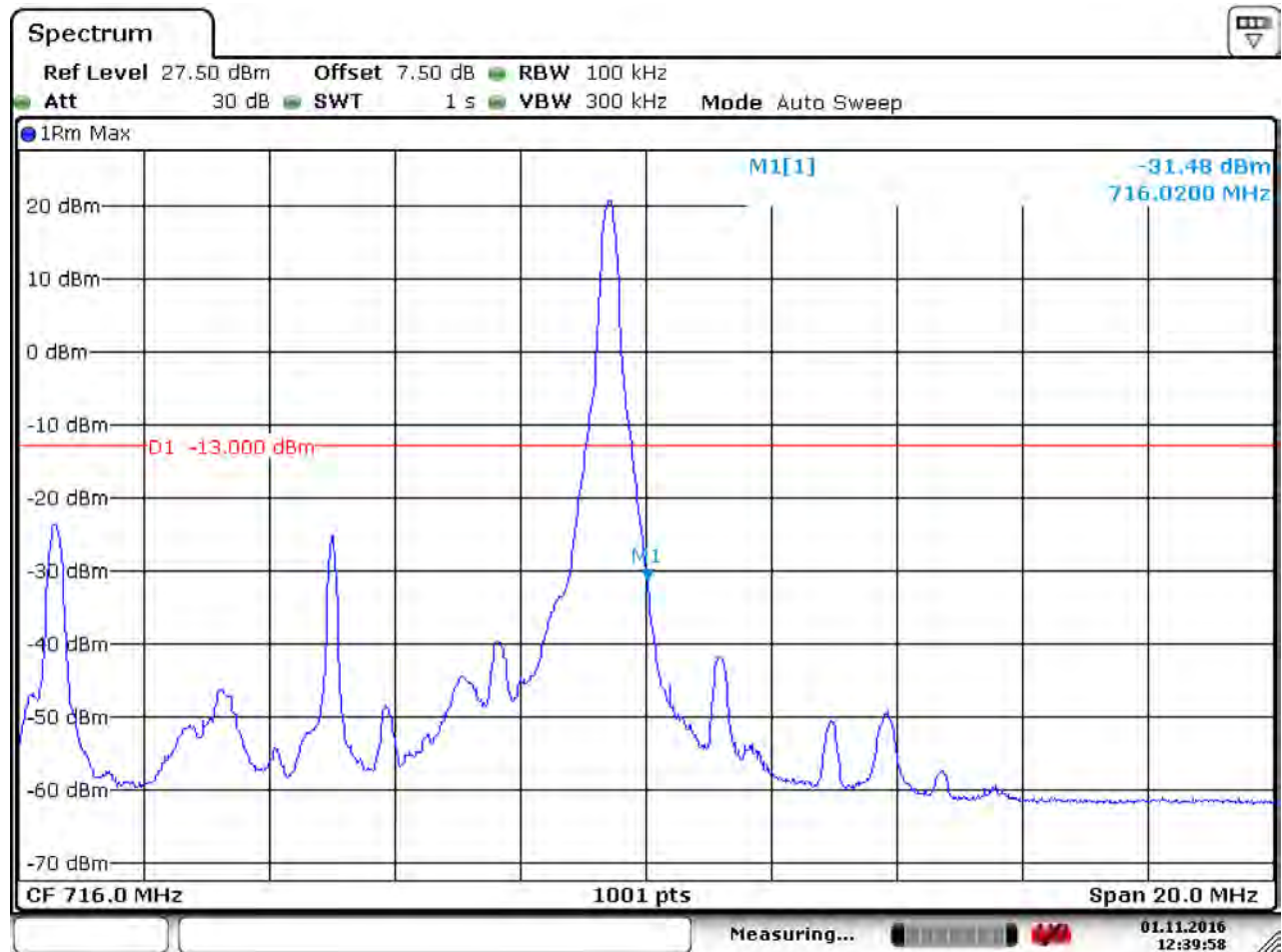


Date: 1.NOV.2016 12:44:34



5.1.1.10.2 Test Channel = HCH

5.1.1.10.2.1 Test RB=1RB



Date: 1.NOV.2016 12:39:59



5.1.1.10.2.2 Test RB=50RB



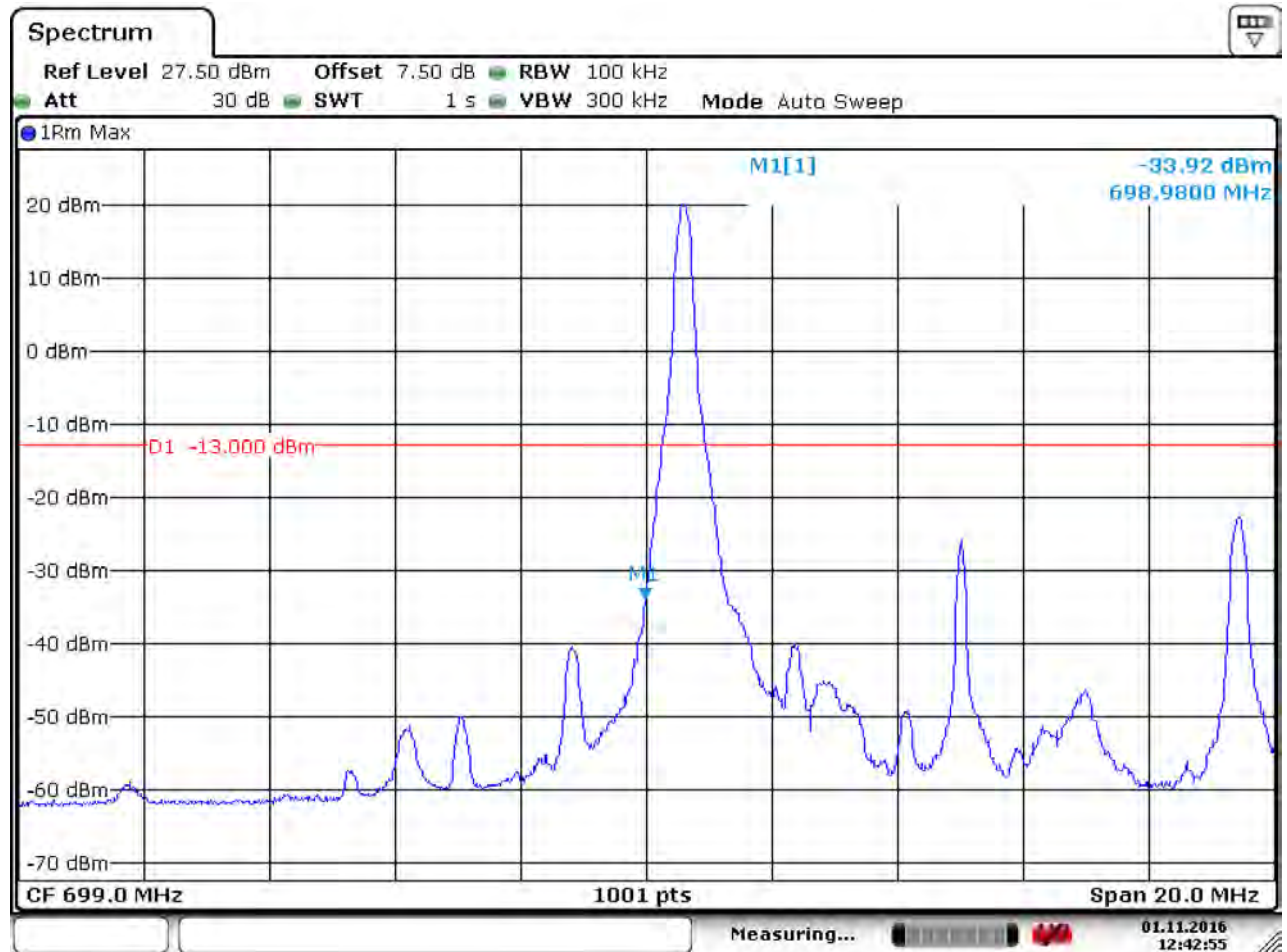
Date: 1.NOV.2016 12:37:03



5.1.1.11 Test Mode = LTE/TM2 10MHz

5.1.1.11.1 Test Channel = LCH

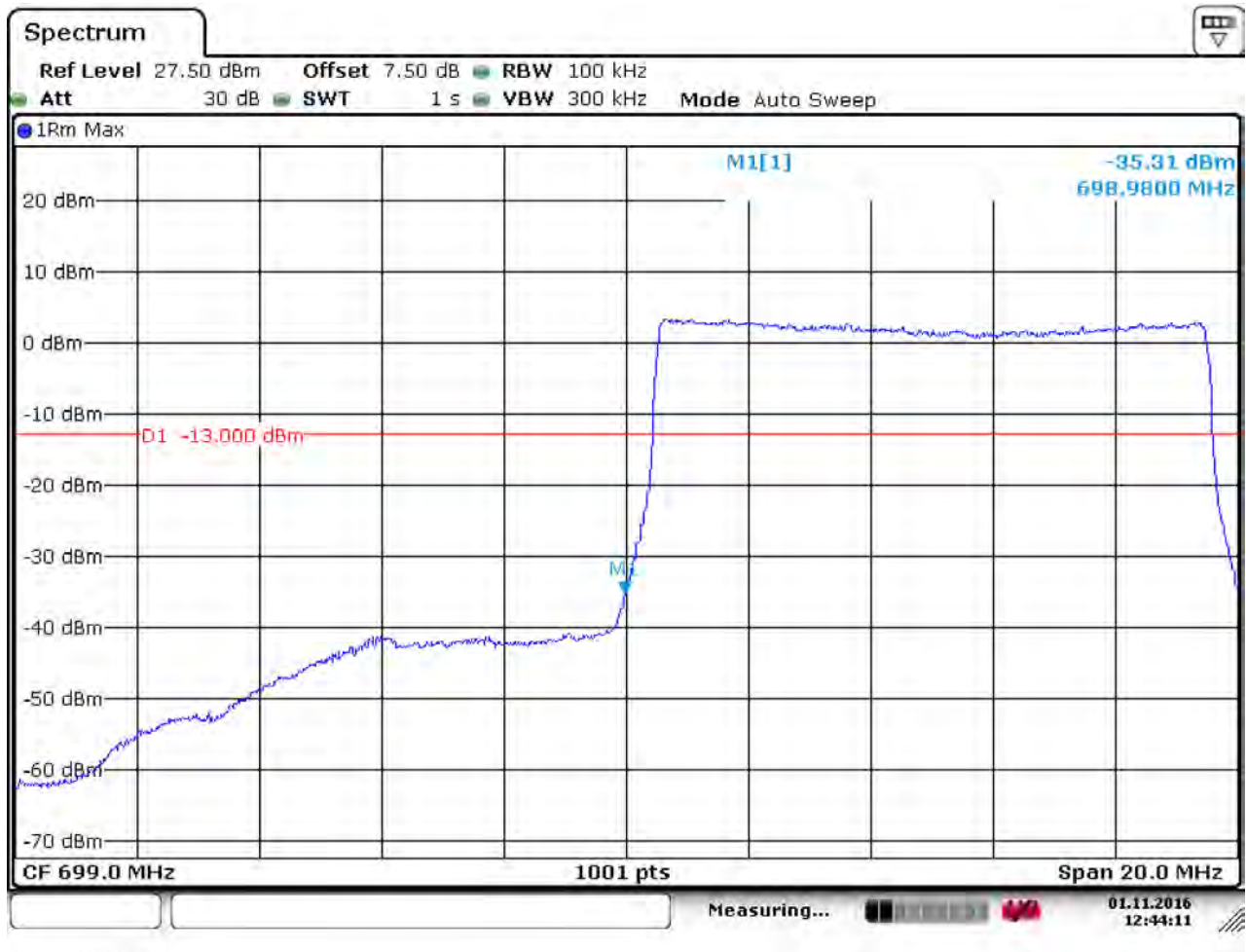
5.1.1.11.1.1 Test RB=1RB



Date: 1.NOV.2016 12:42:55



5.1.1.11.1.2 Test RB=50RB

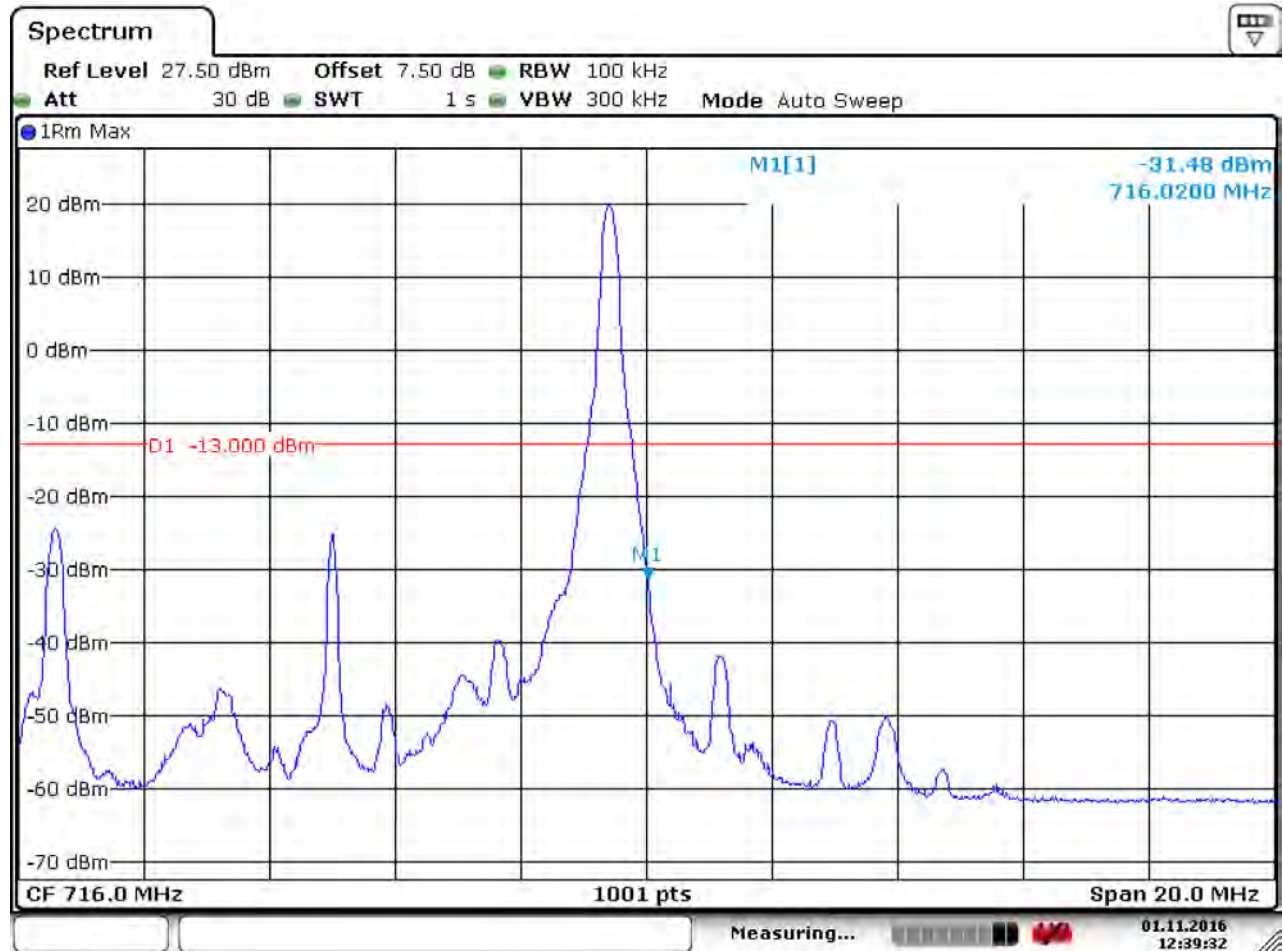


Date: 1.NOV.2016 12:44:12



5.1.1.11.2 Test Channel = HCH

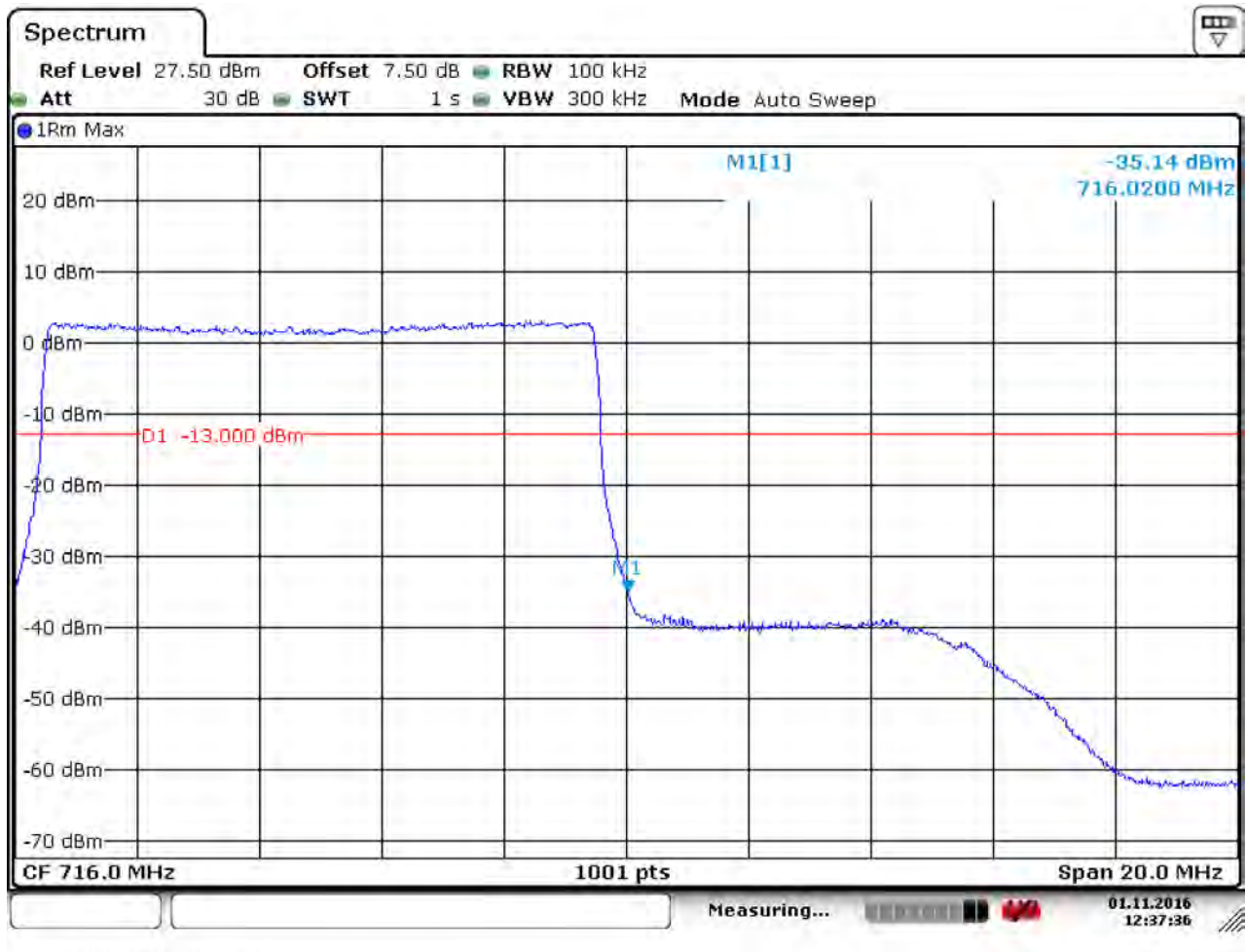
5.1.1.11.2.1 Test RB=1RB



Date: 1.NOV.2016 12:39:32



5.1.1.11.2.2 Test RB=50RB



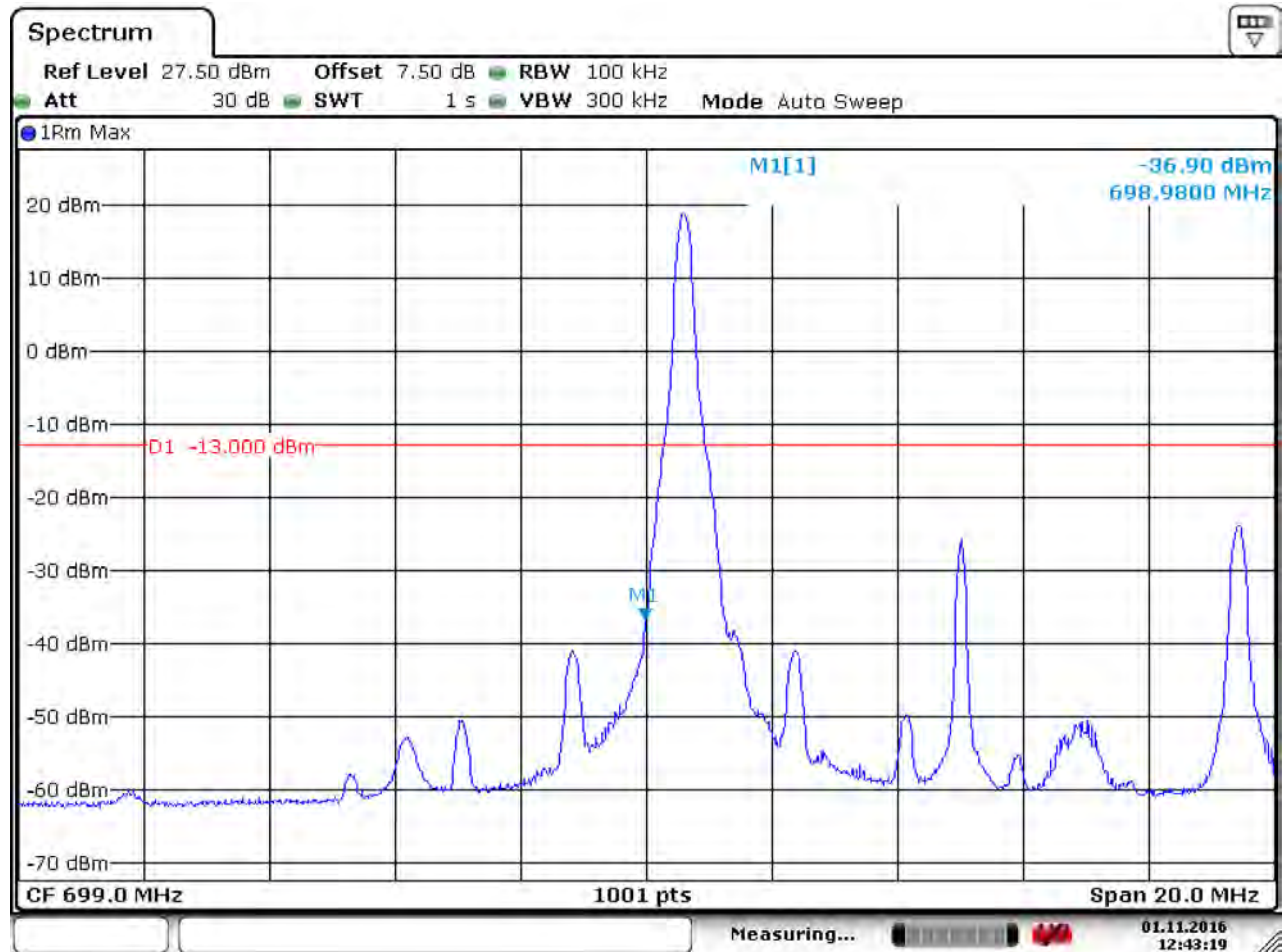
Date: 1.NOV.2016 12:37:36



5.1.1.12 Test Mode = LTE/TM3 10MHz

5.1.1.12.1 Test Channel = LCH

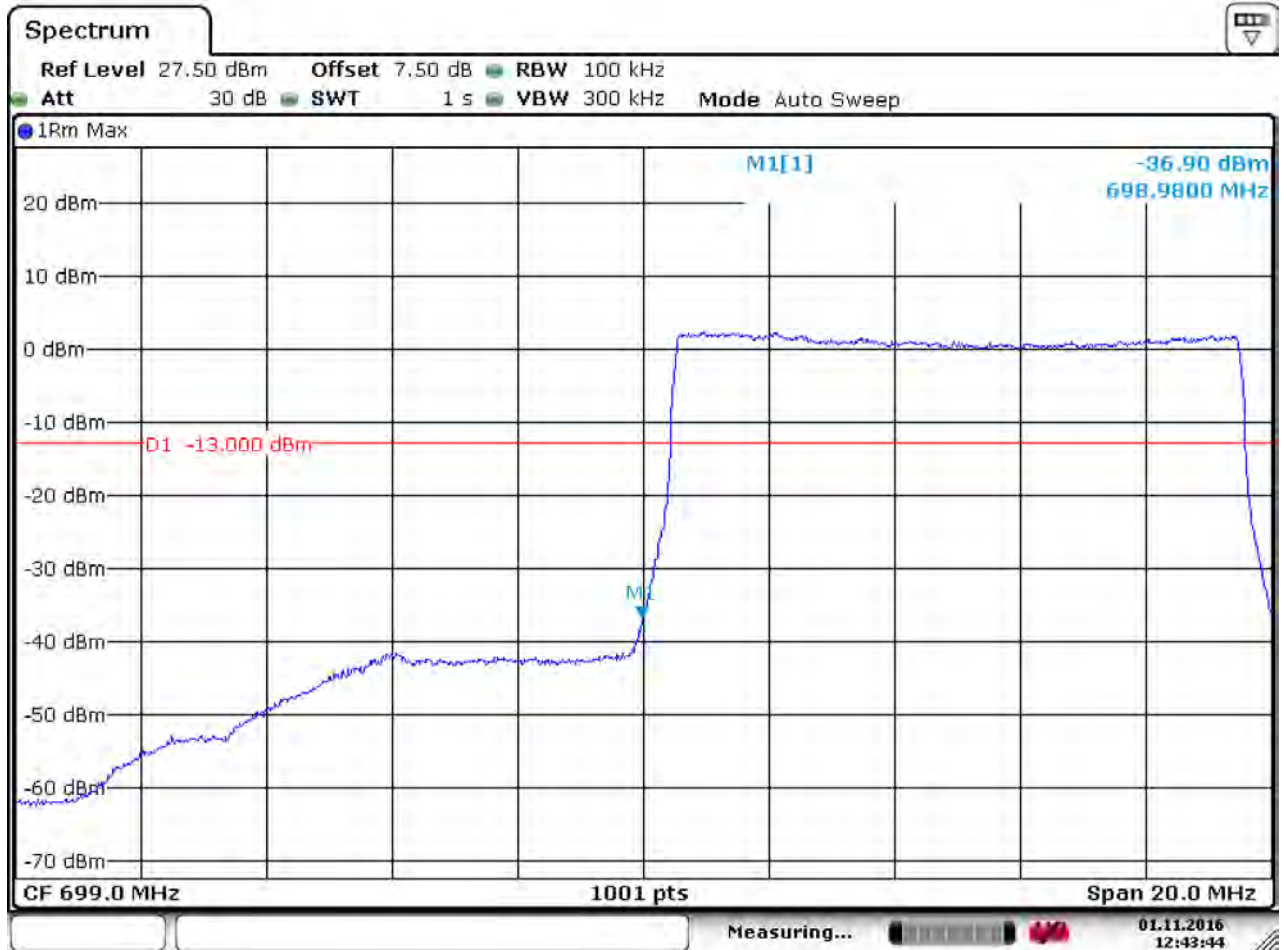
5.1.1.12.1.1 Test RB=1RB



Date: 1.NOV.2016 12:43:19



5.1.1.12.1.2 Test RB=50RB

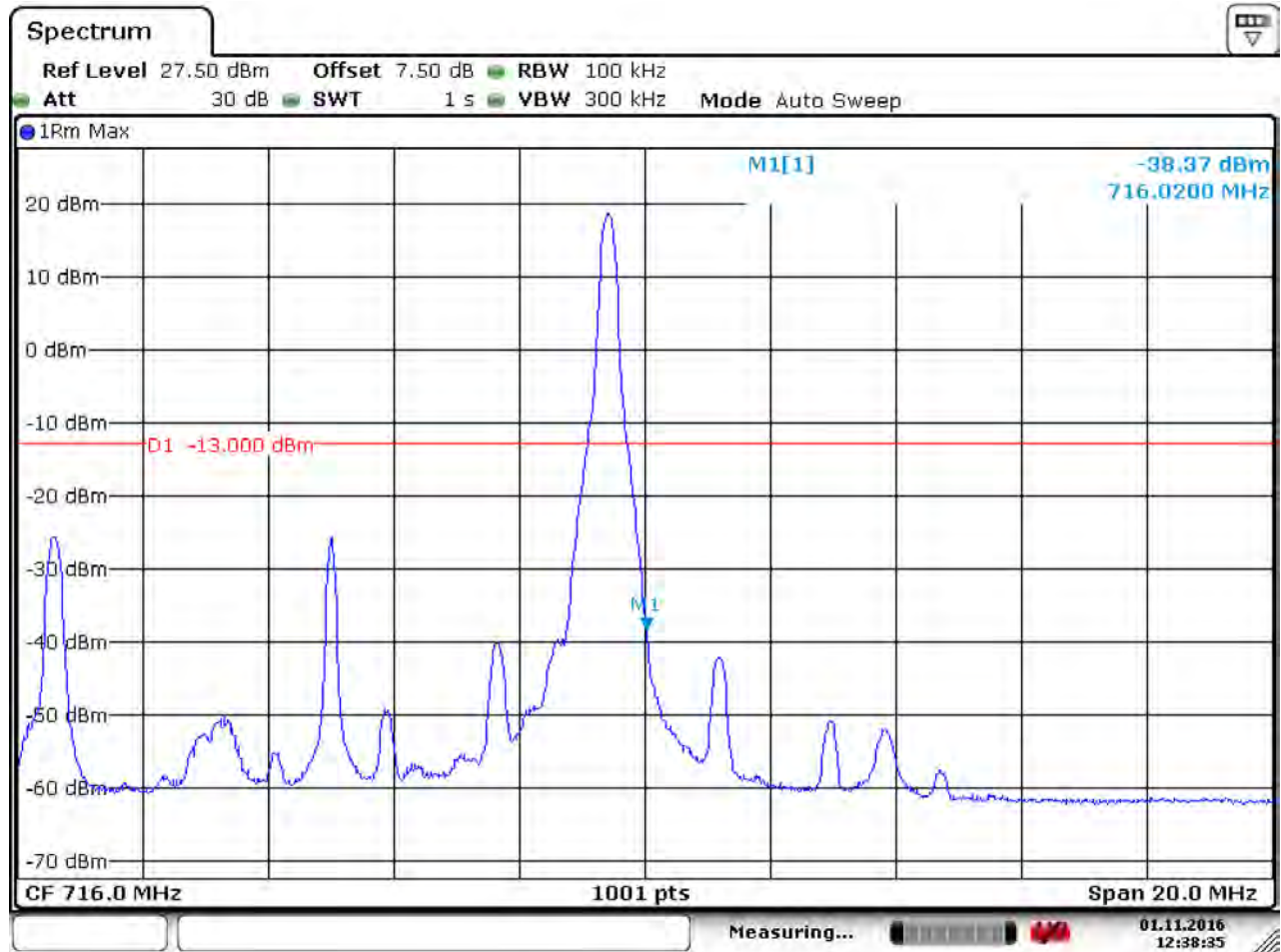


Date: 1.NOV.2016 12:43:45



5.1.1.12.2 Test Channel = HCH

5.1.1.12.2.1 Test RB=1RB



Date: 1.NOV.2016 12:38:35



5.1.1.12.2.2 Test RB=50RB



Date: 1.NOV.2016 12:38:00



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.

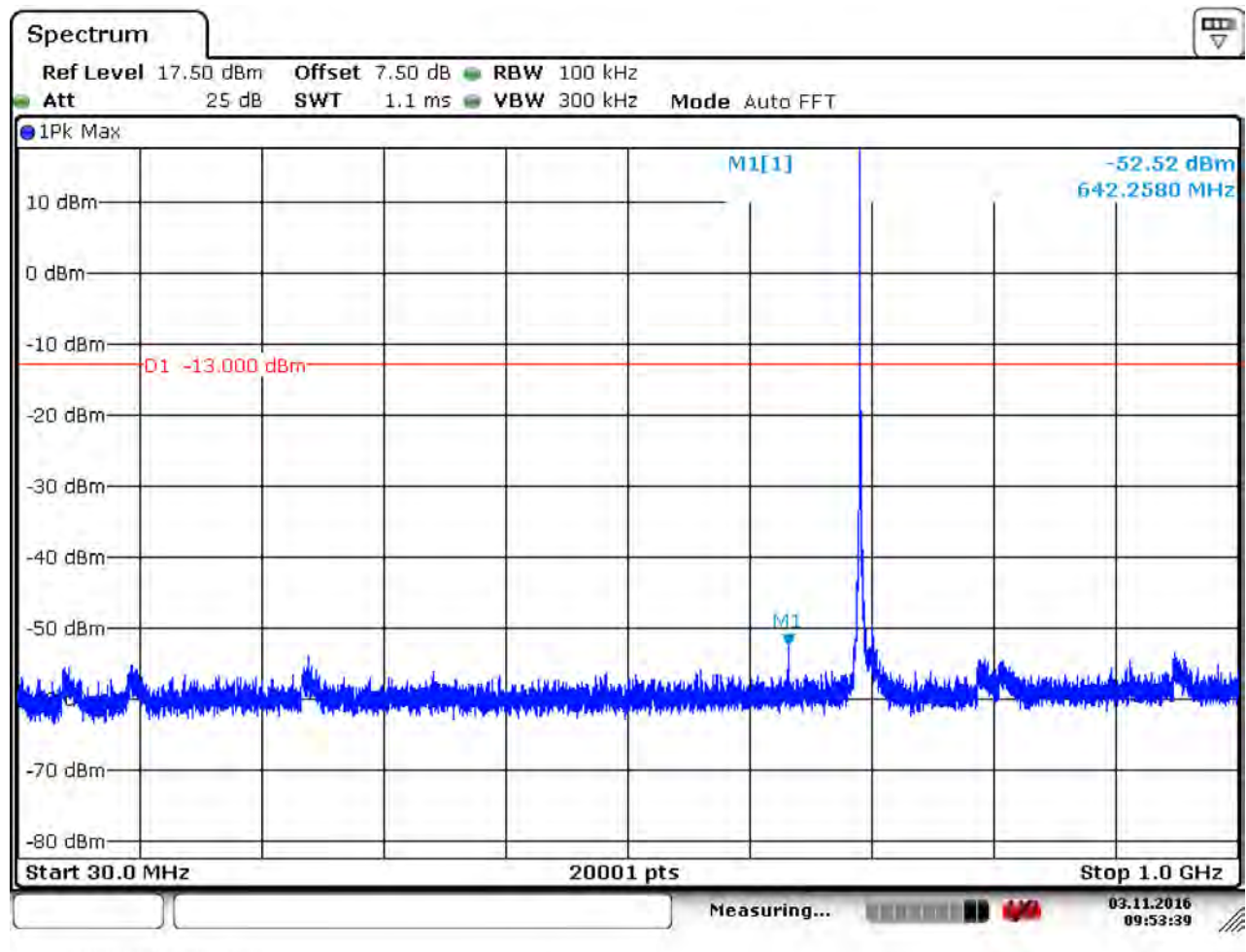
Part I - Test Plots

6.1 For LTE

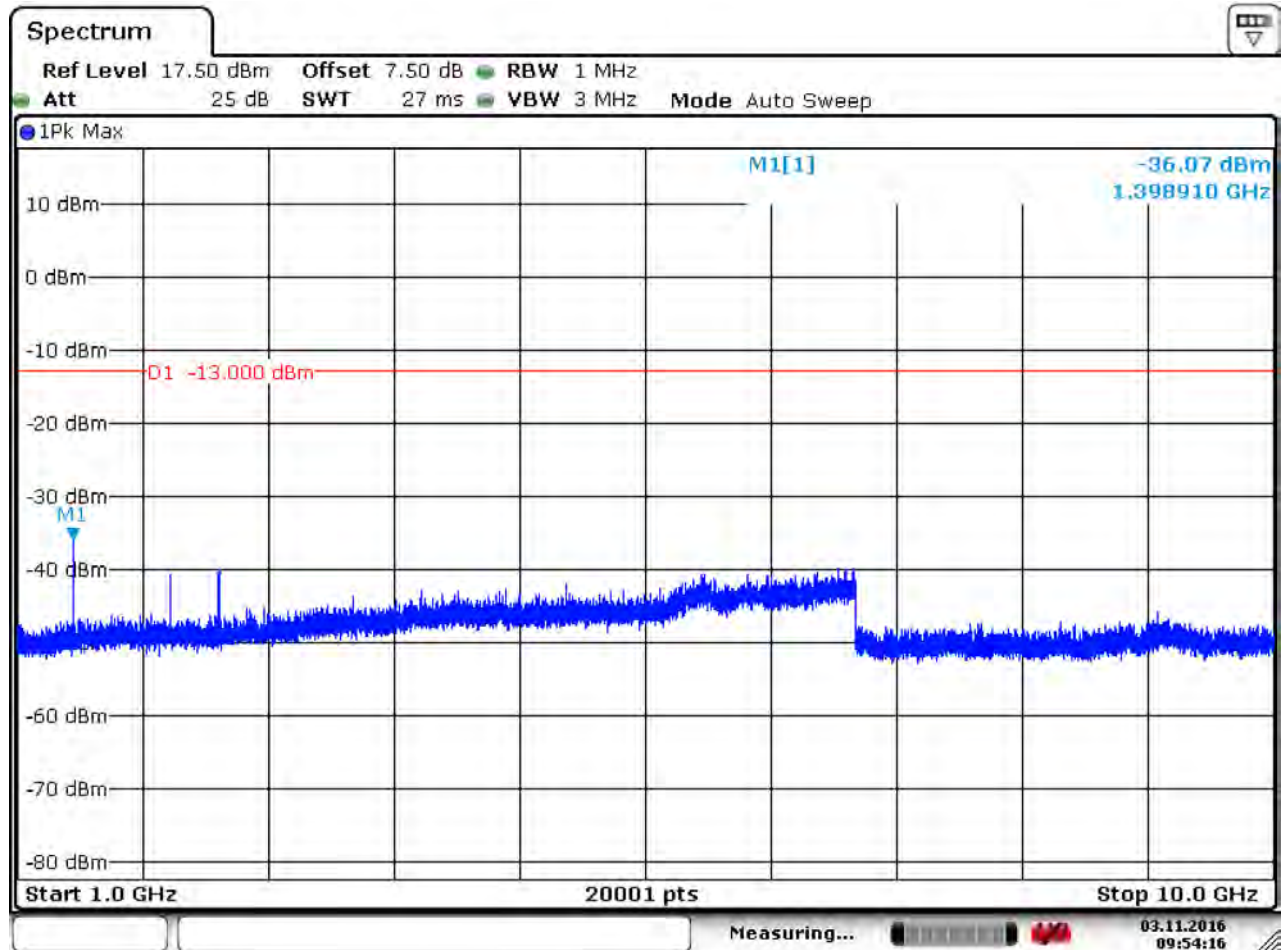
6.1.1 Test Band = LTE band 12

6.1.1.1 Test Mode = LTE / TM1 1.4MHz RB1#0

6.1.1.1.1 Test Channel = LCH



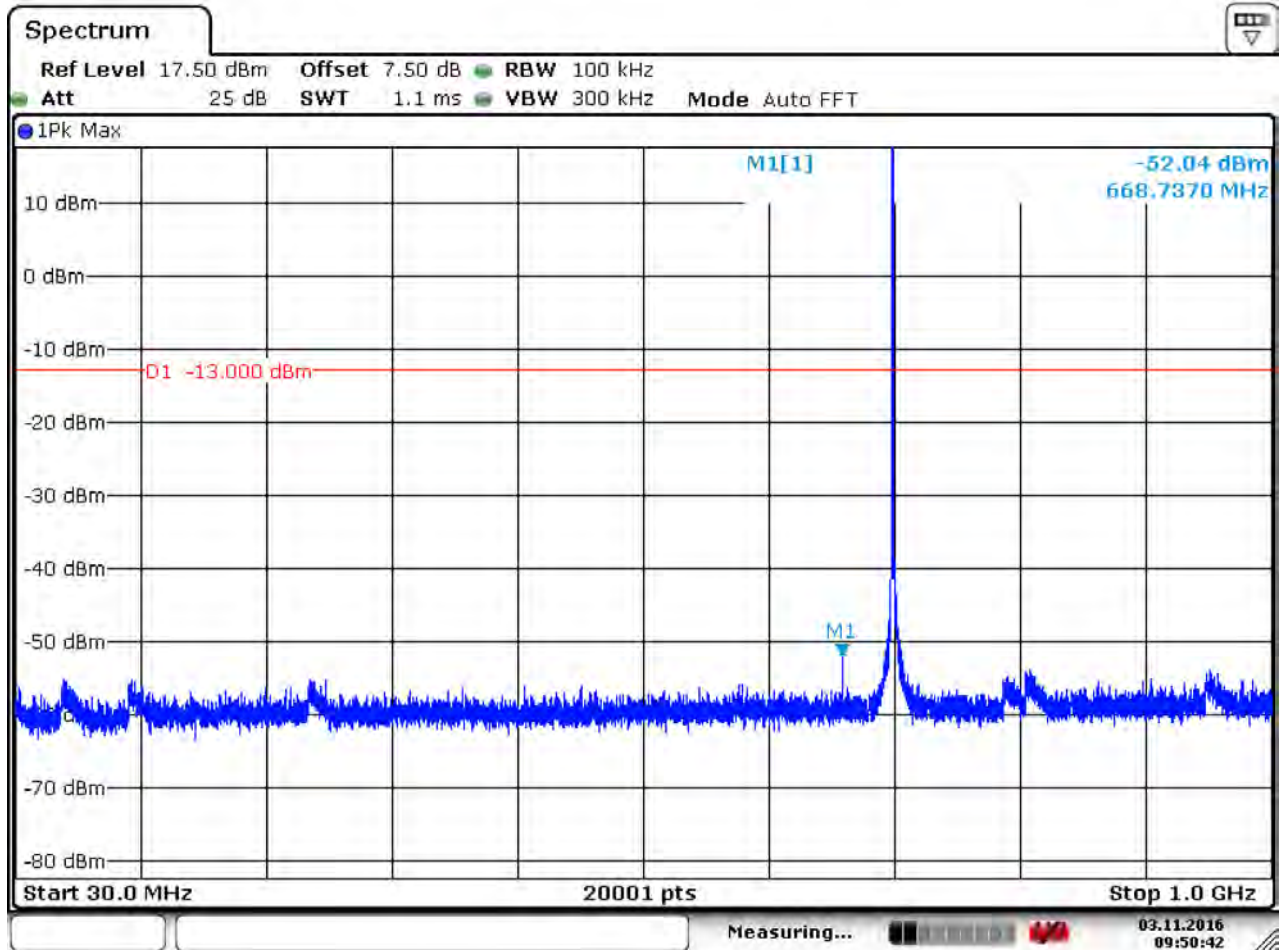
Date: 3.NOV.2016 09:53:39



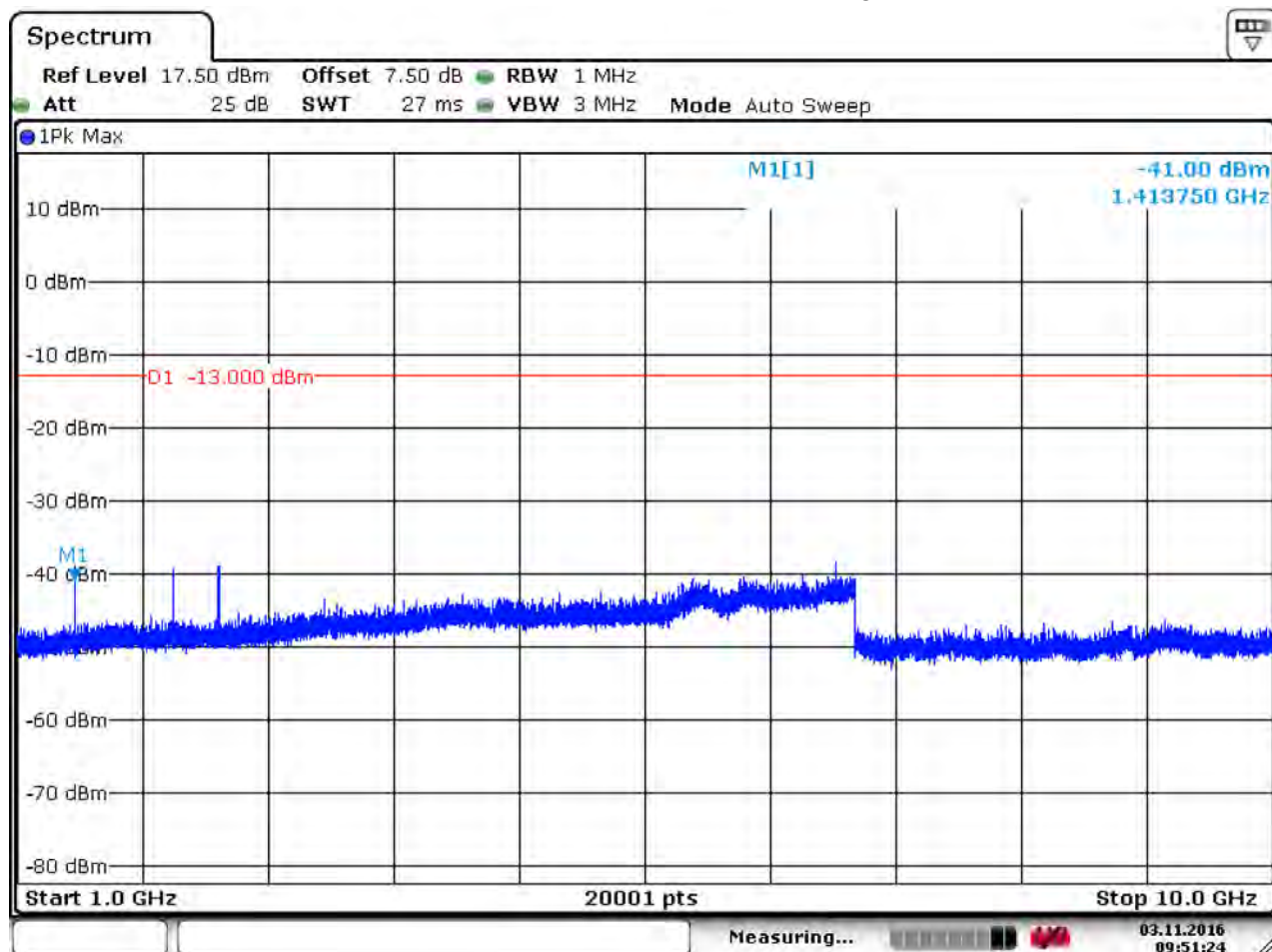
Date: 3.NOV.2016 09:54:16



6.1.1.1.2 Test Channel = MCH



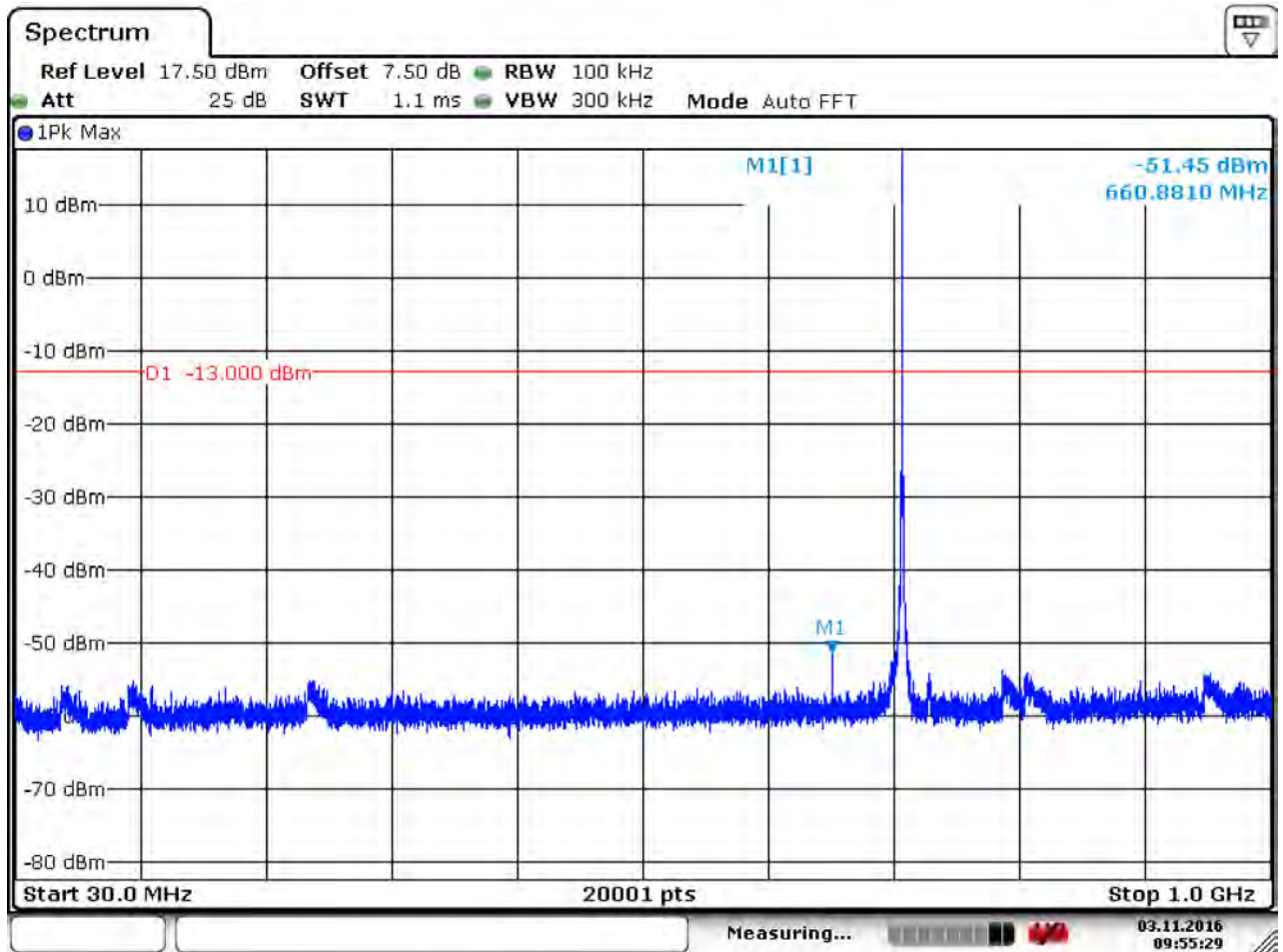
Date: 3 NOV. 2016 09:50:42



Date: 3.NOV.2016 09:51:24



6.1.1.1.3 Test Channel = HCH



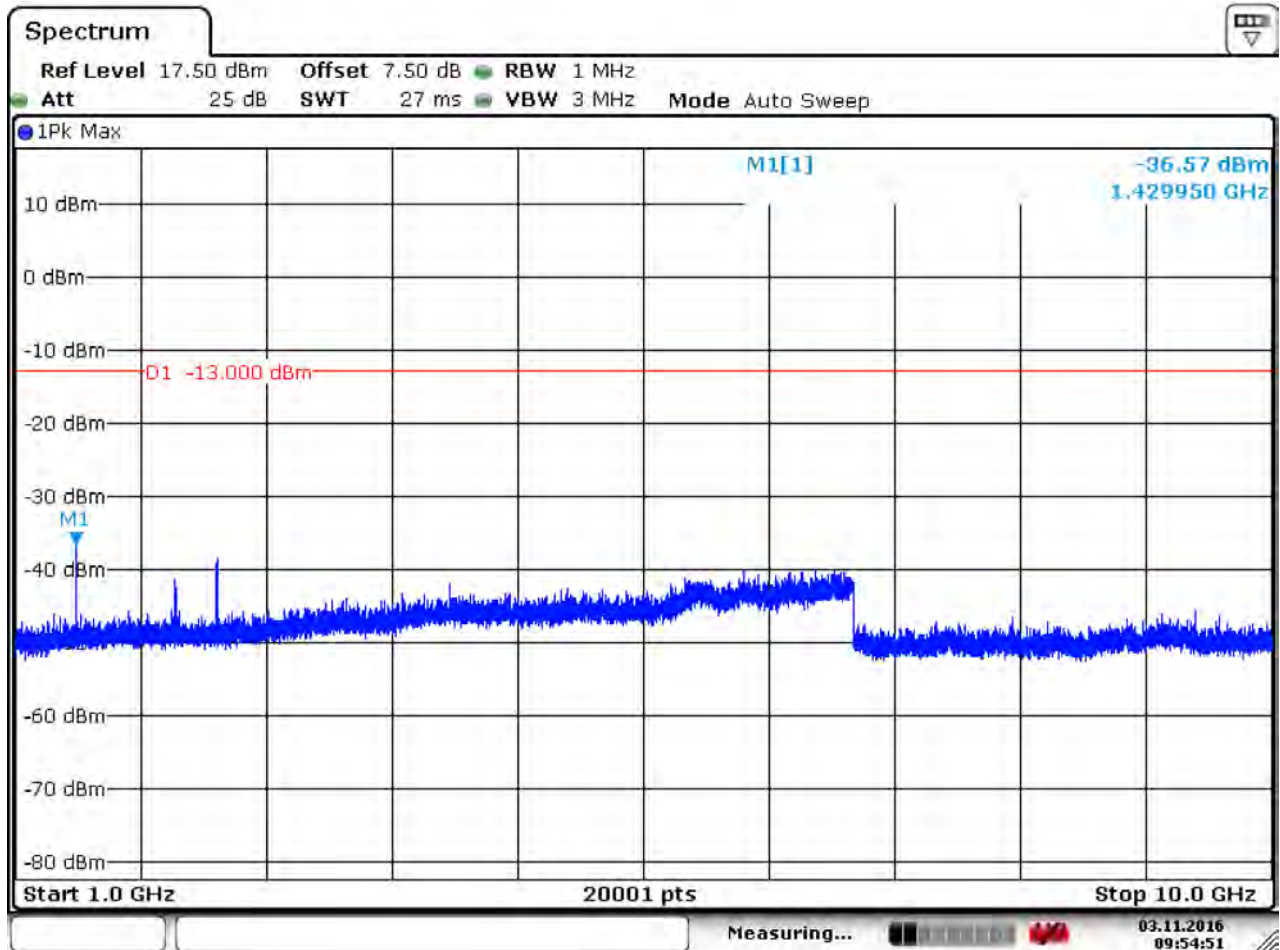
Date: 3.NOV.2016 09:55:29



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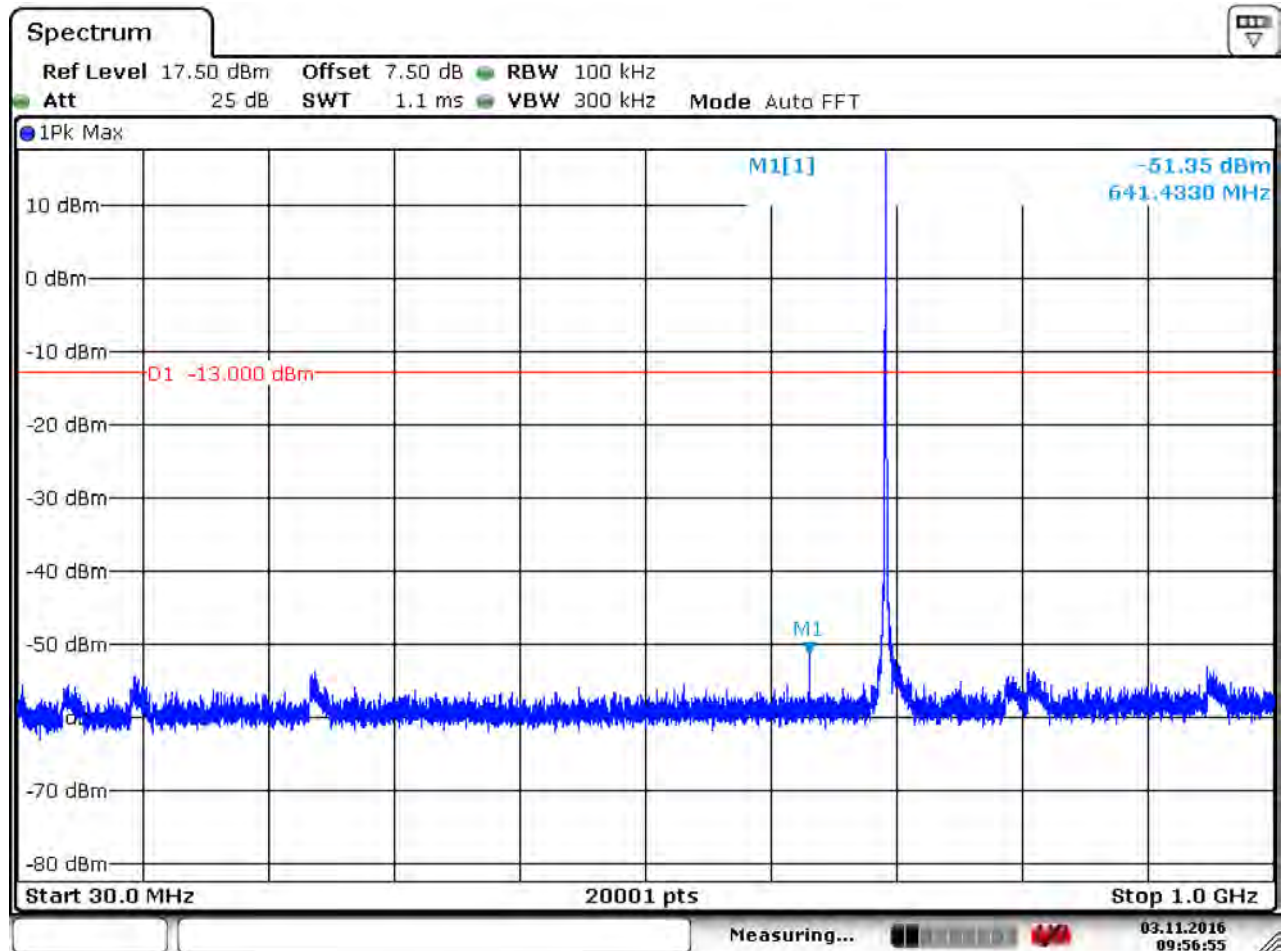
Date: 3.NOV.2016 09:54:51

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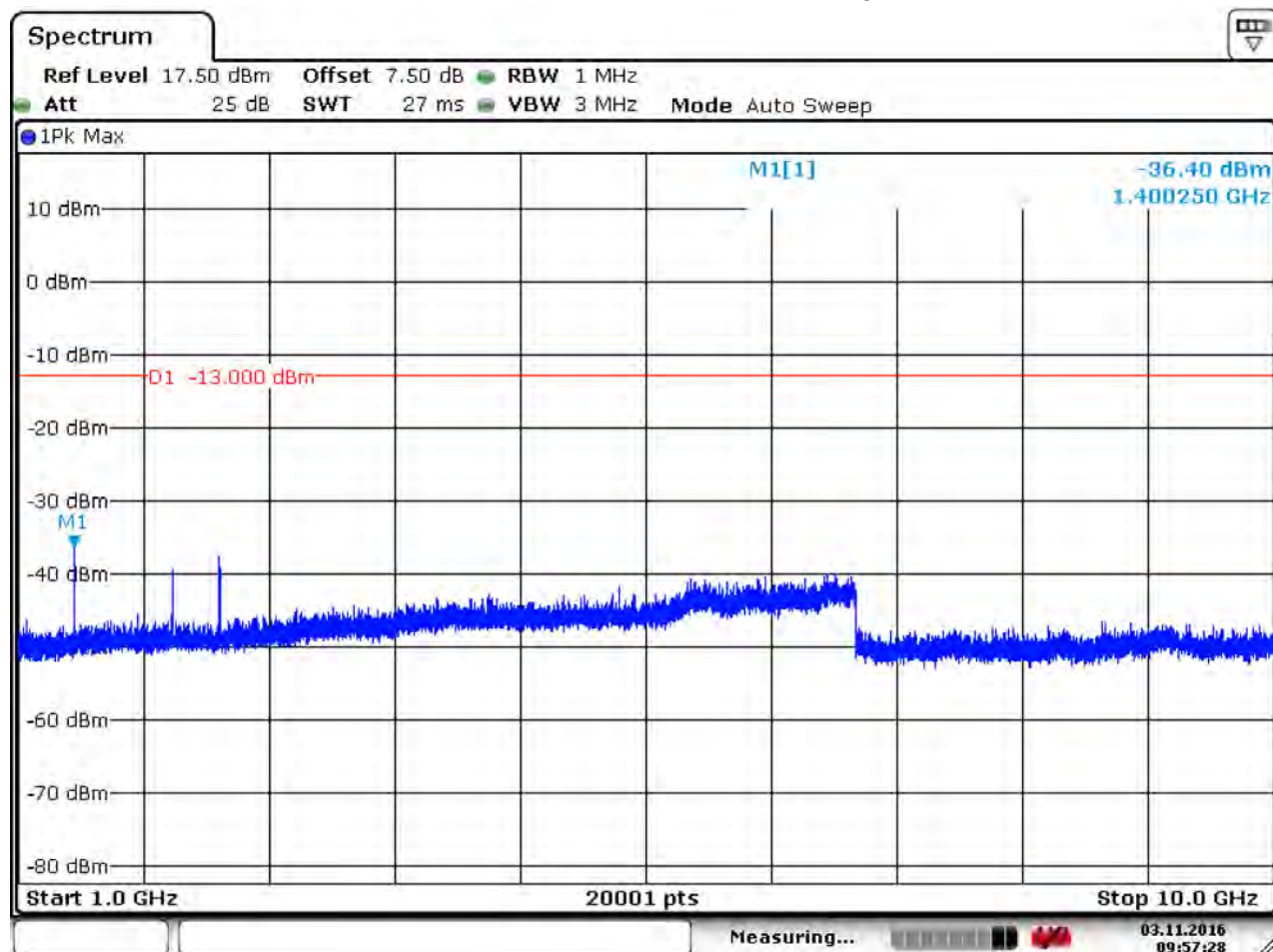


6.1.1.2 Test Mode = LTE / TM1 3MHz RB1#0

6.1.1.2.1 Test Channel = LCH



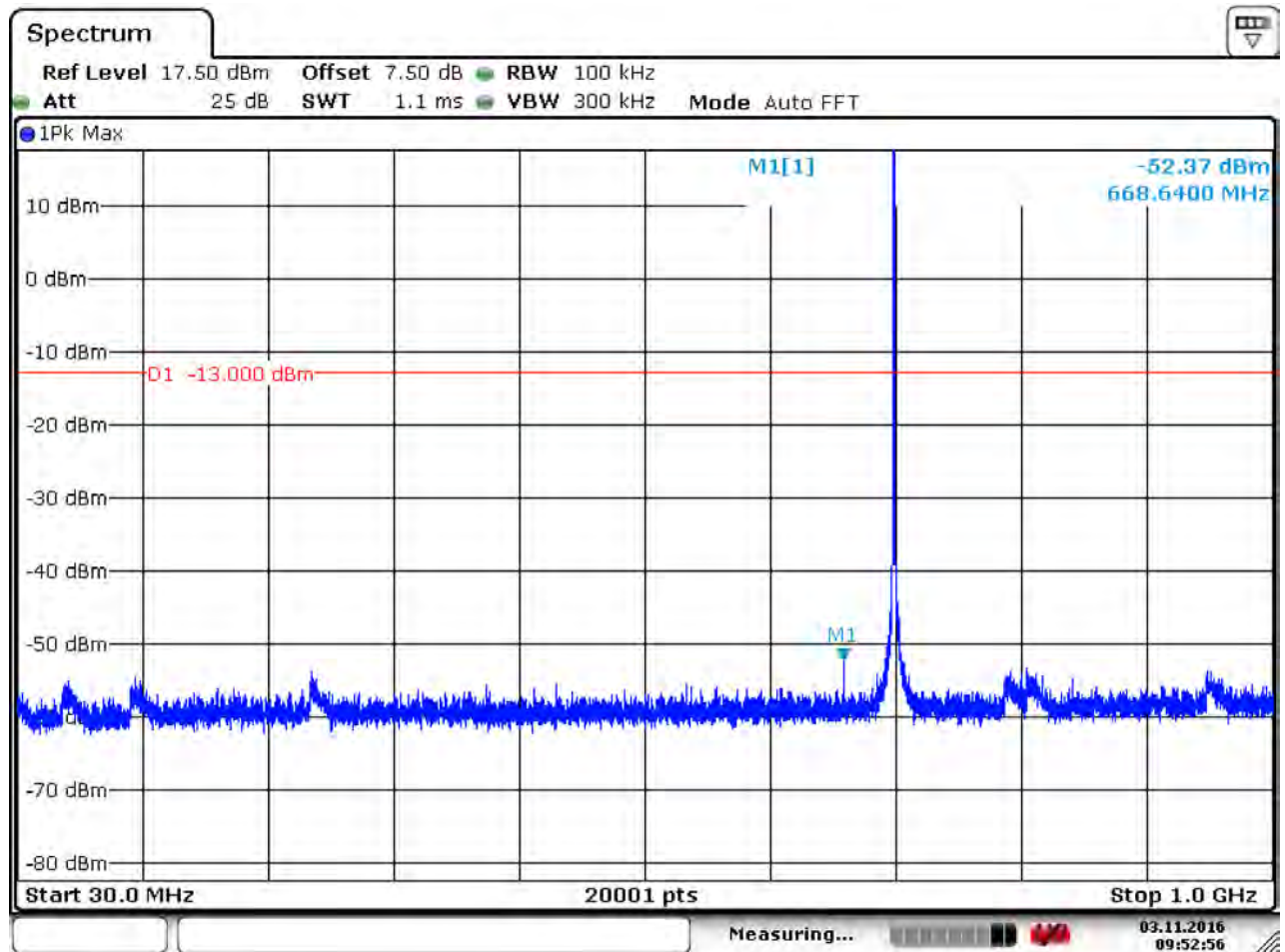
Date: 3.NOV.2016 09:56:56



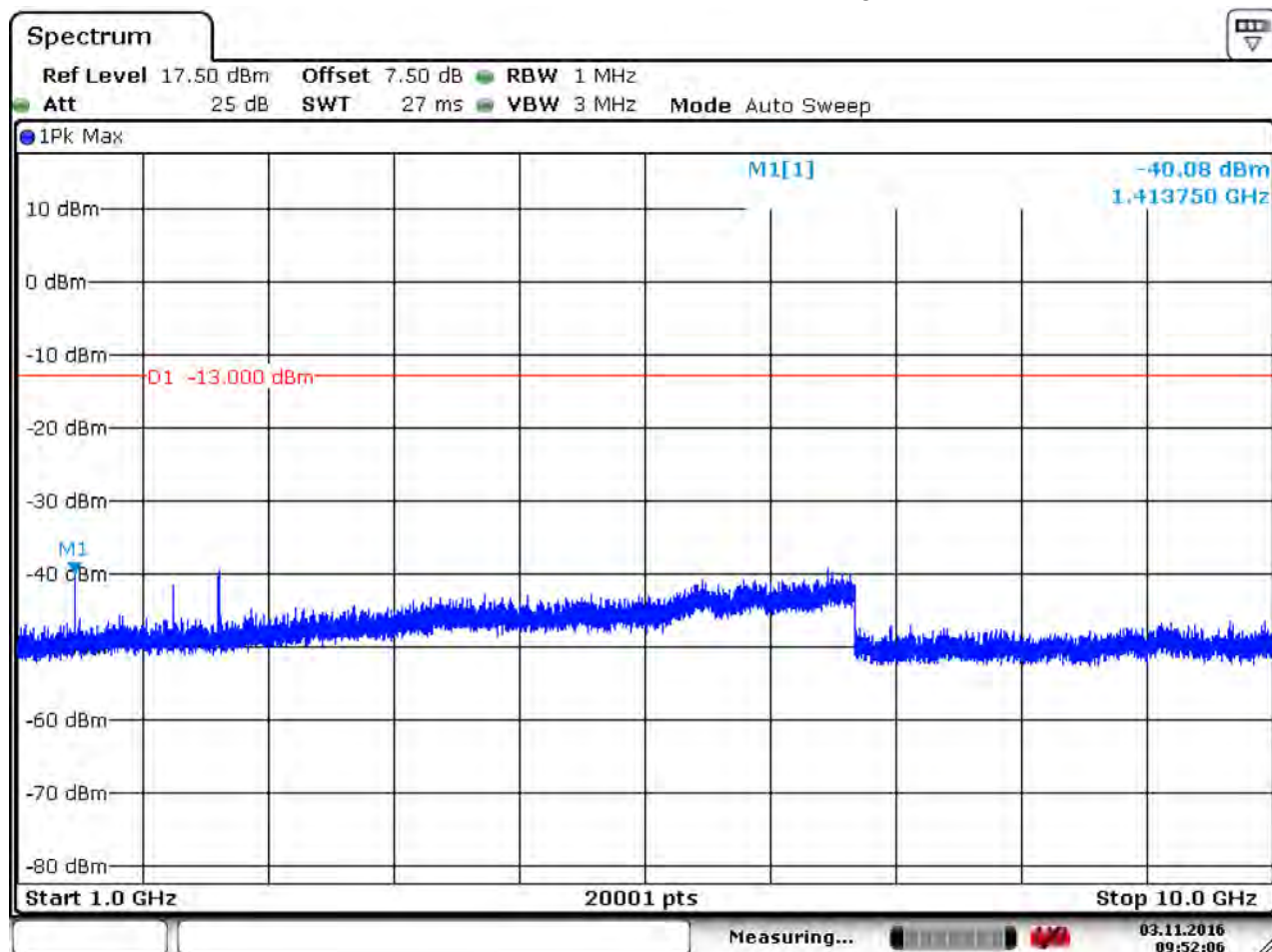
Date: 3.NOV.2016 09:57:28



6.1.1.2.2 Test Channel = MCH



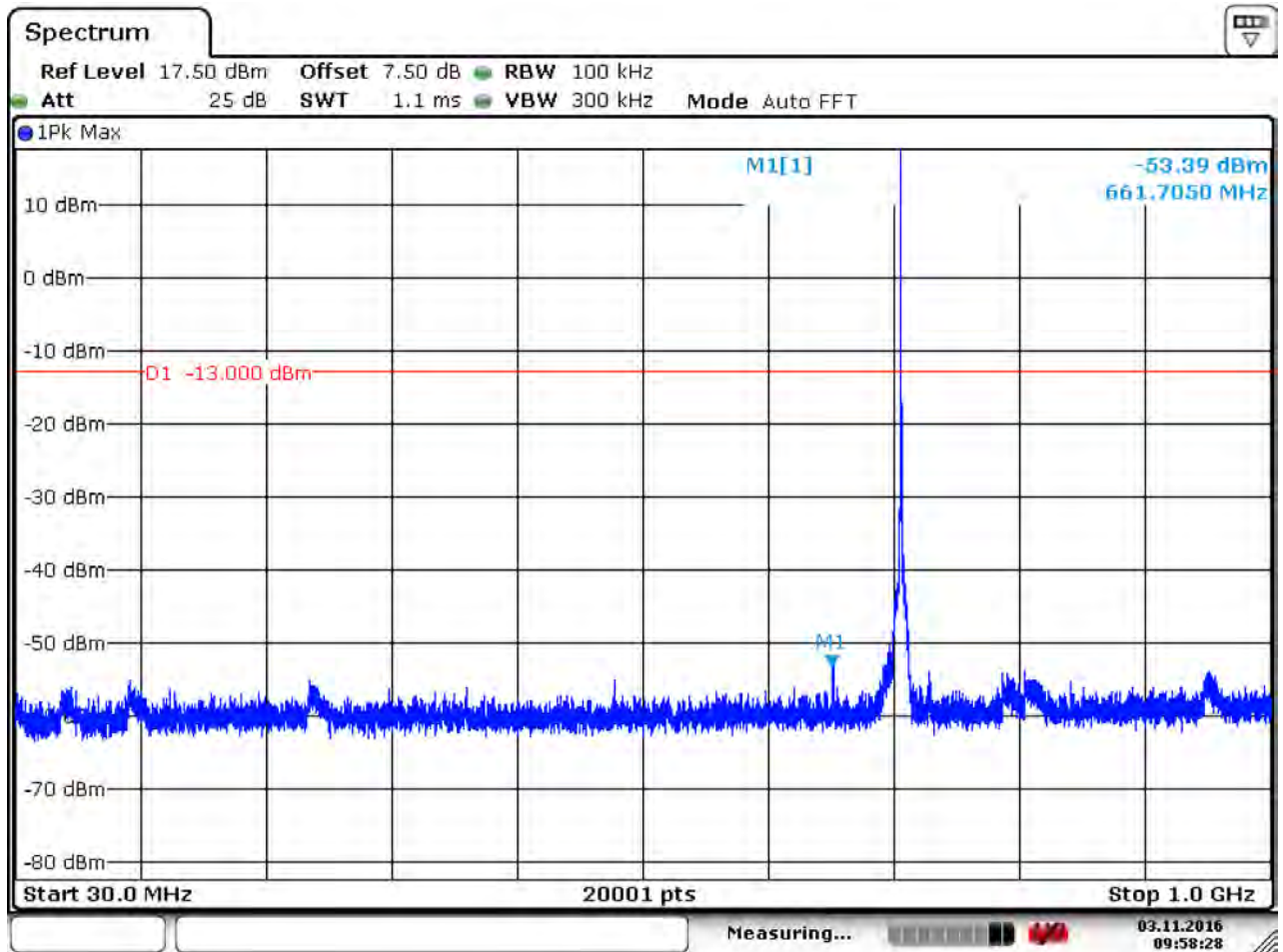
Date: 3 NOV 2016 09:52:56



Date: 3.NOV.2016 09:52:06



6.1.1.2.3 Test Channel = HCH



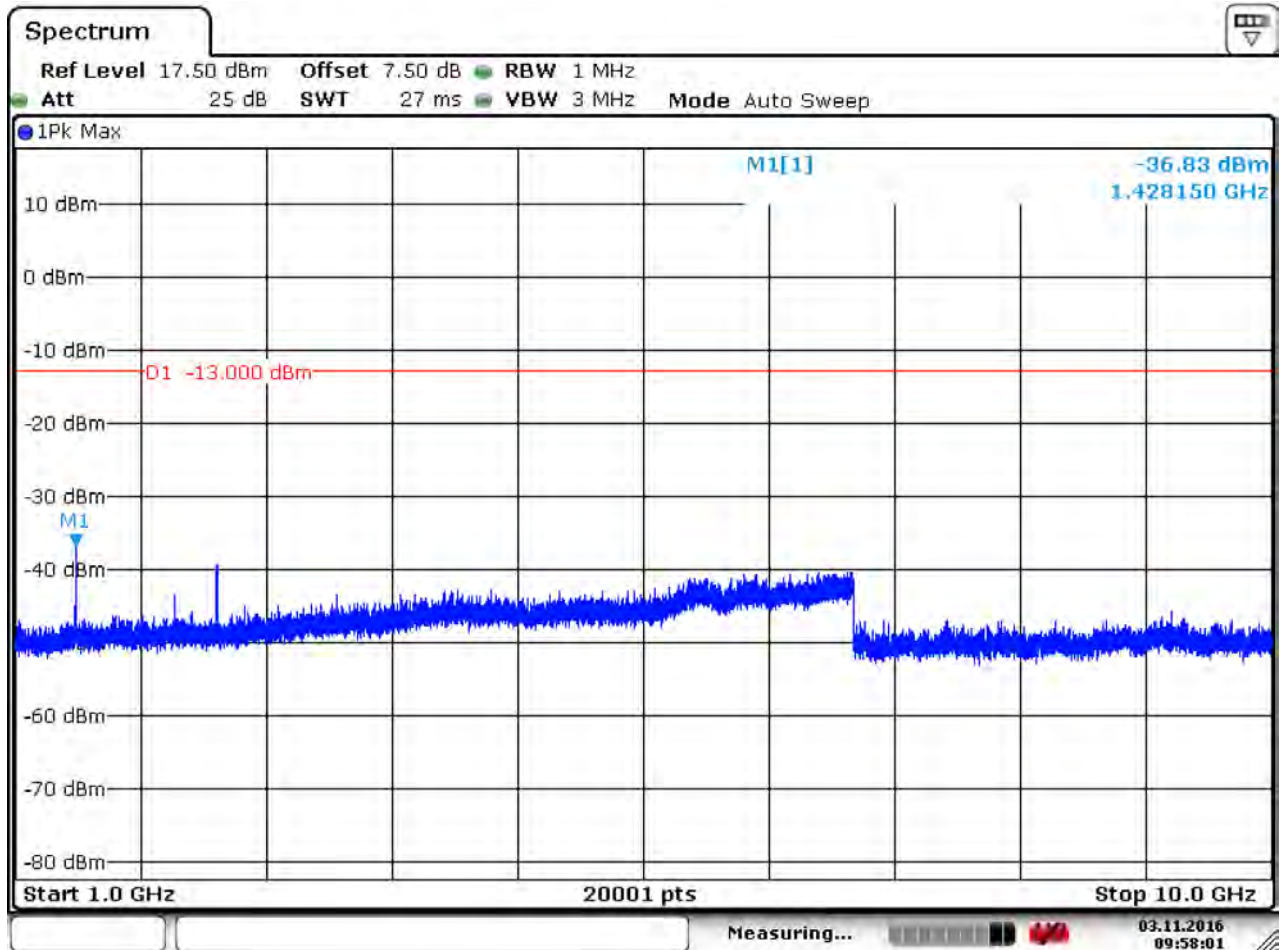
Date: 3.NOV.2016 09:58:28



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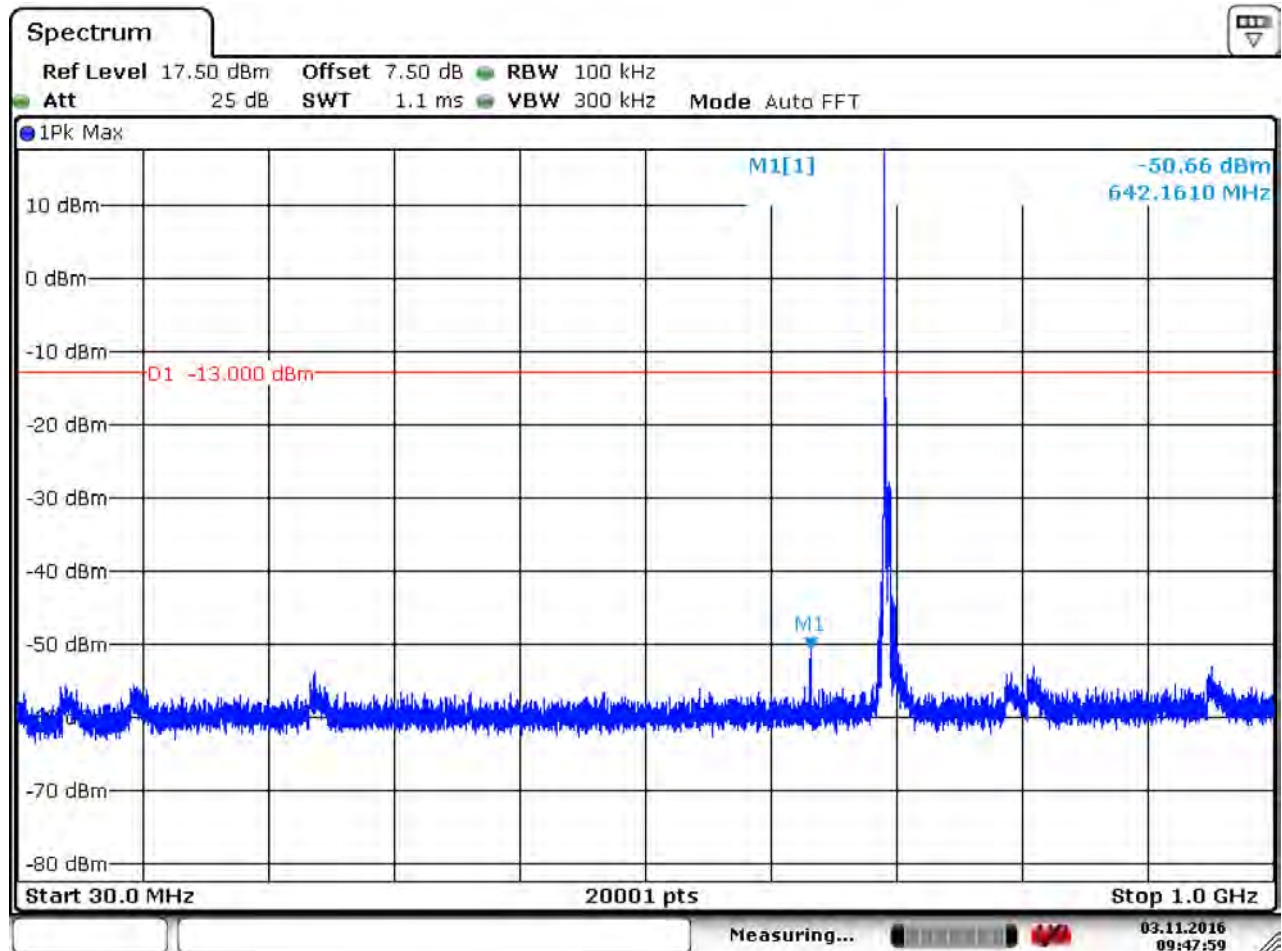
Date: 3.NOV.2016 09:58:01

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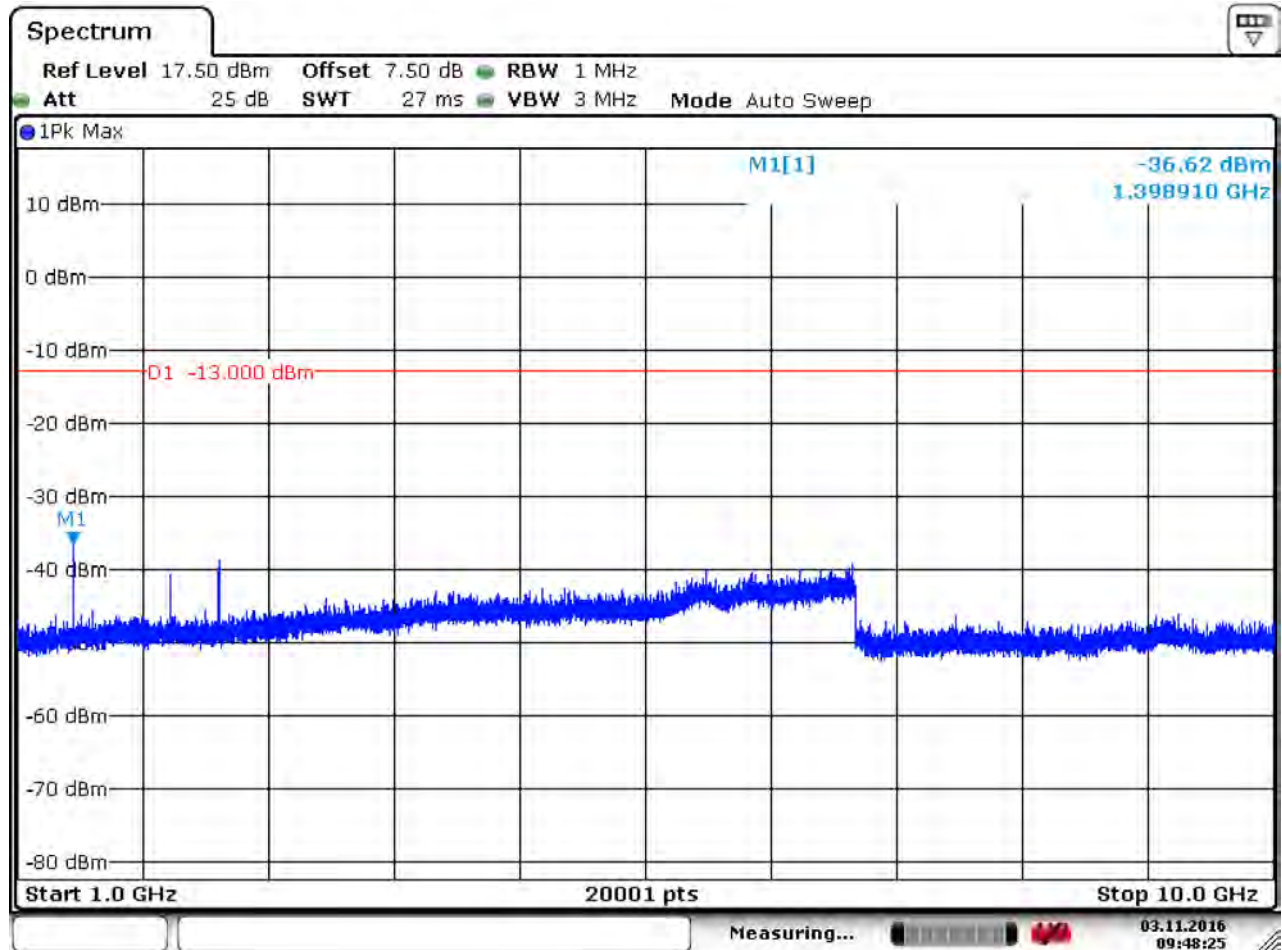


6.1.1.3 Test Mode = LTE / TM1 5MHz RB1#0

6.1.1.3.1 Test Channel = LCH



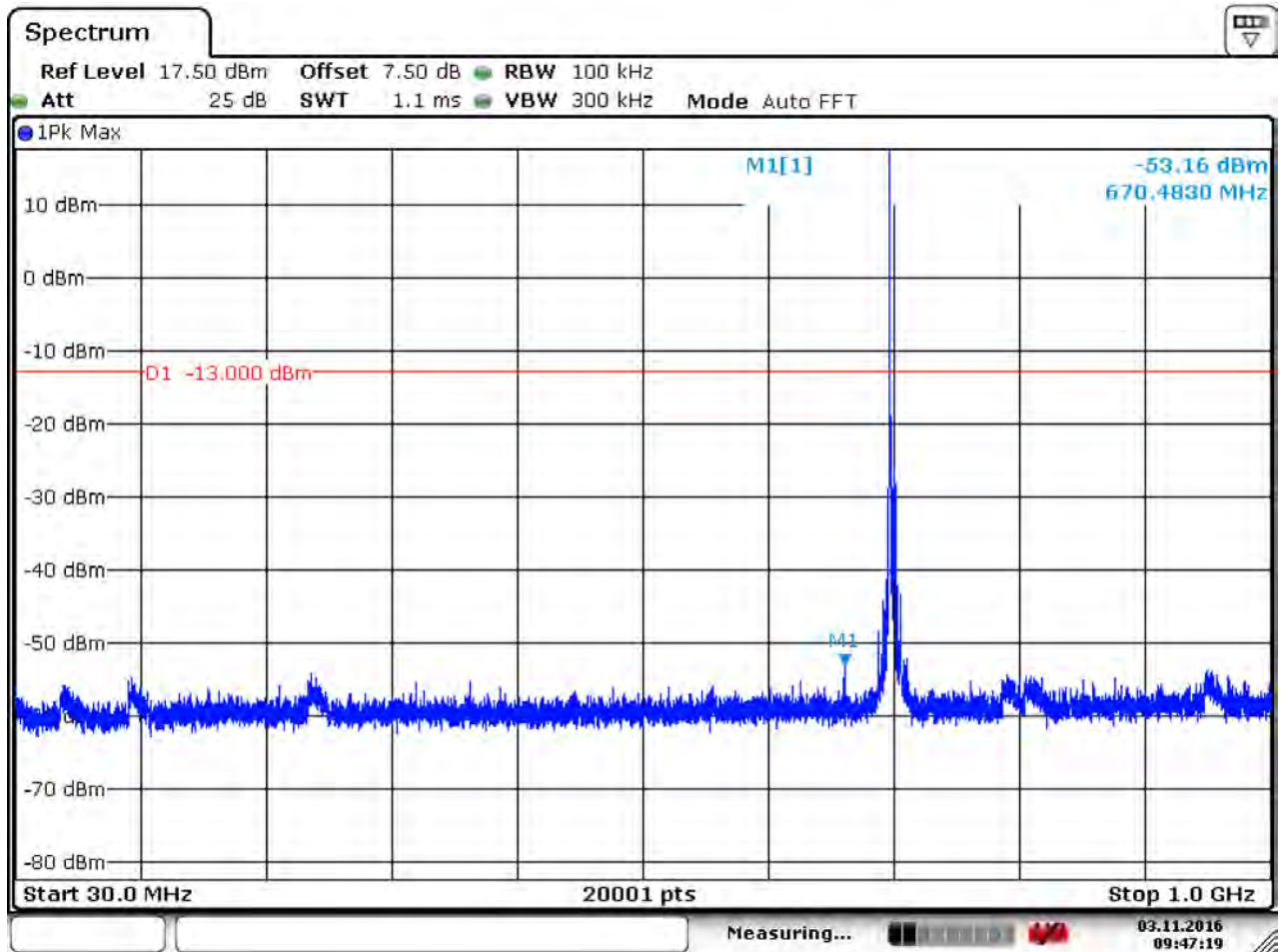
Date: 3.NOV.2016 09:47:59



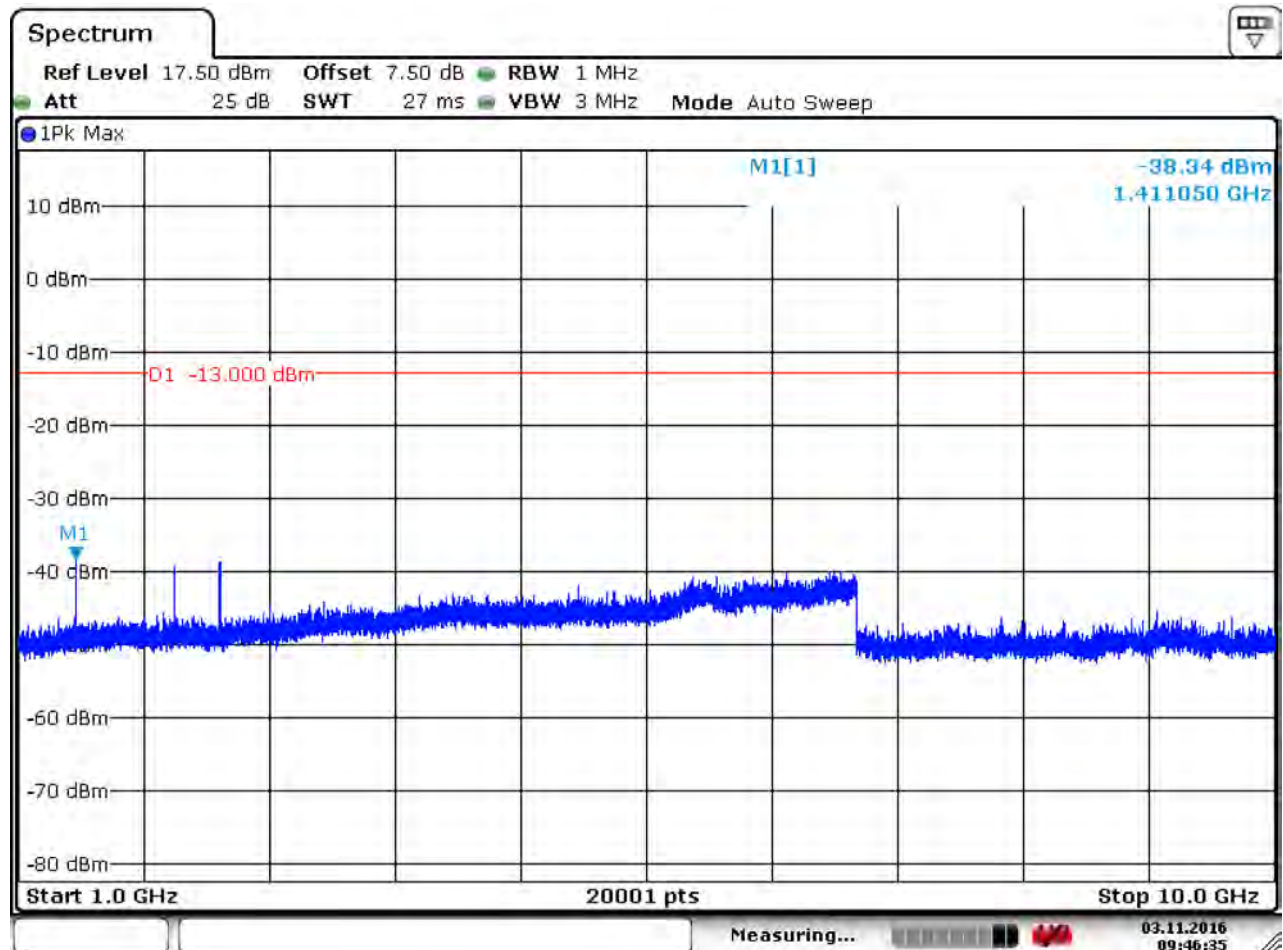
Date: 3.NOV.2016 09:48:26



6.1.1.3.2 Test Channel = MCH



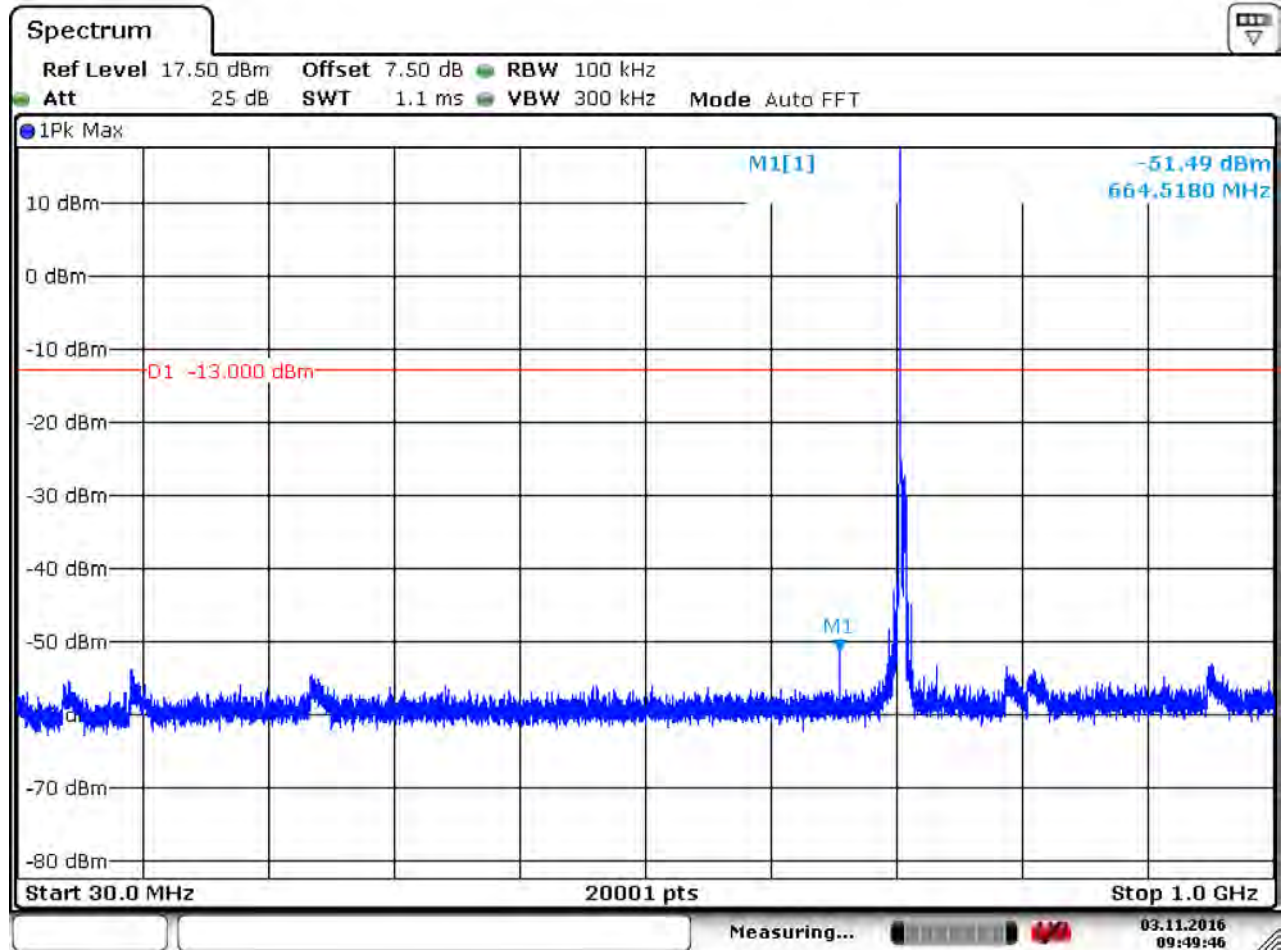
Date: 3.NOV.2016 09:47:20



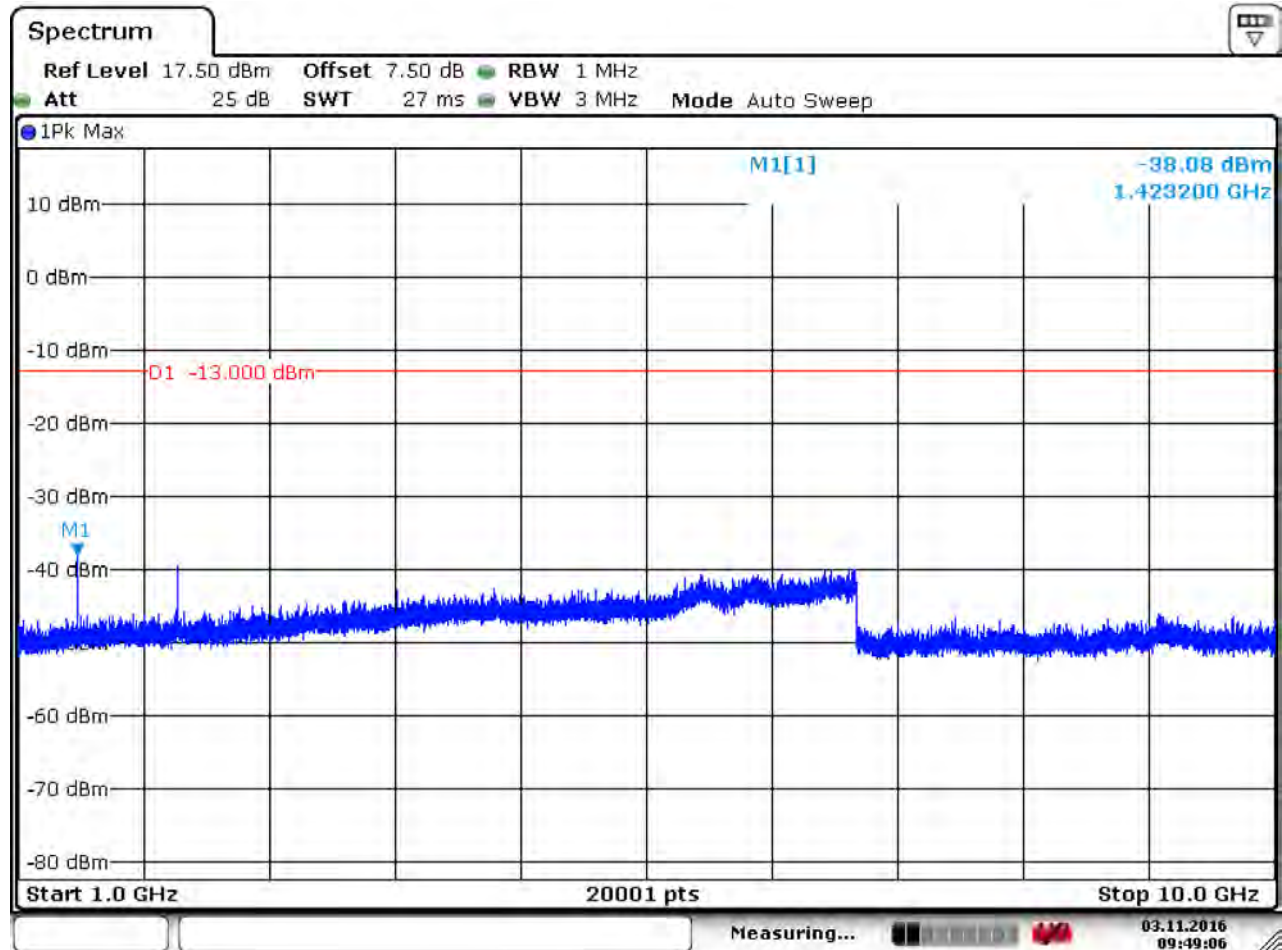
Date: 3.NOV.2016 09:46:35



6.1.1.3.3 Test Channel = HCH



Date: 3 NOV 2016 09:49:47

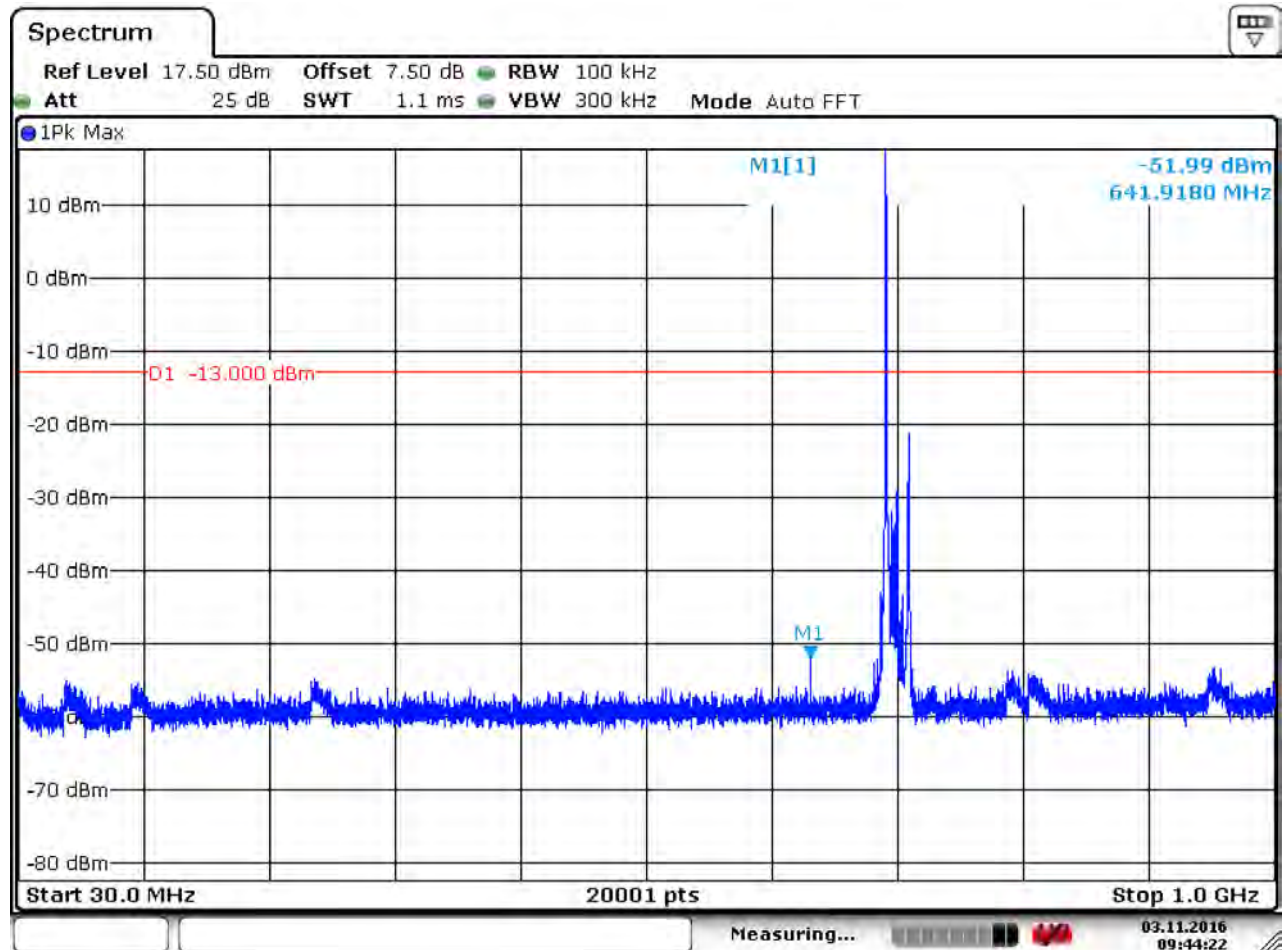


Date: 3.NOV.2016 09:49:06



6.1.1.4 Test Mode = LTE / TM1 10MHz RB1#0

6.1.1.4.1 Test Channel = LCH



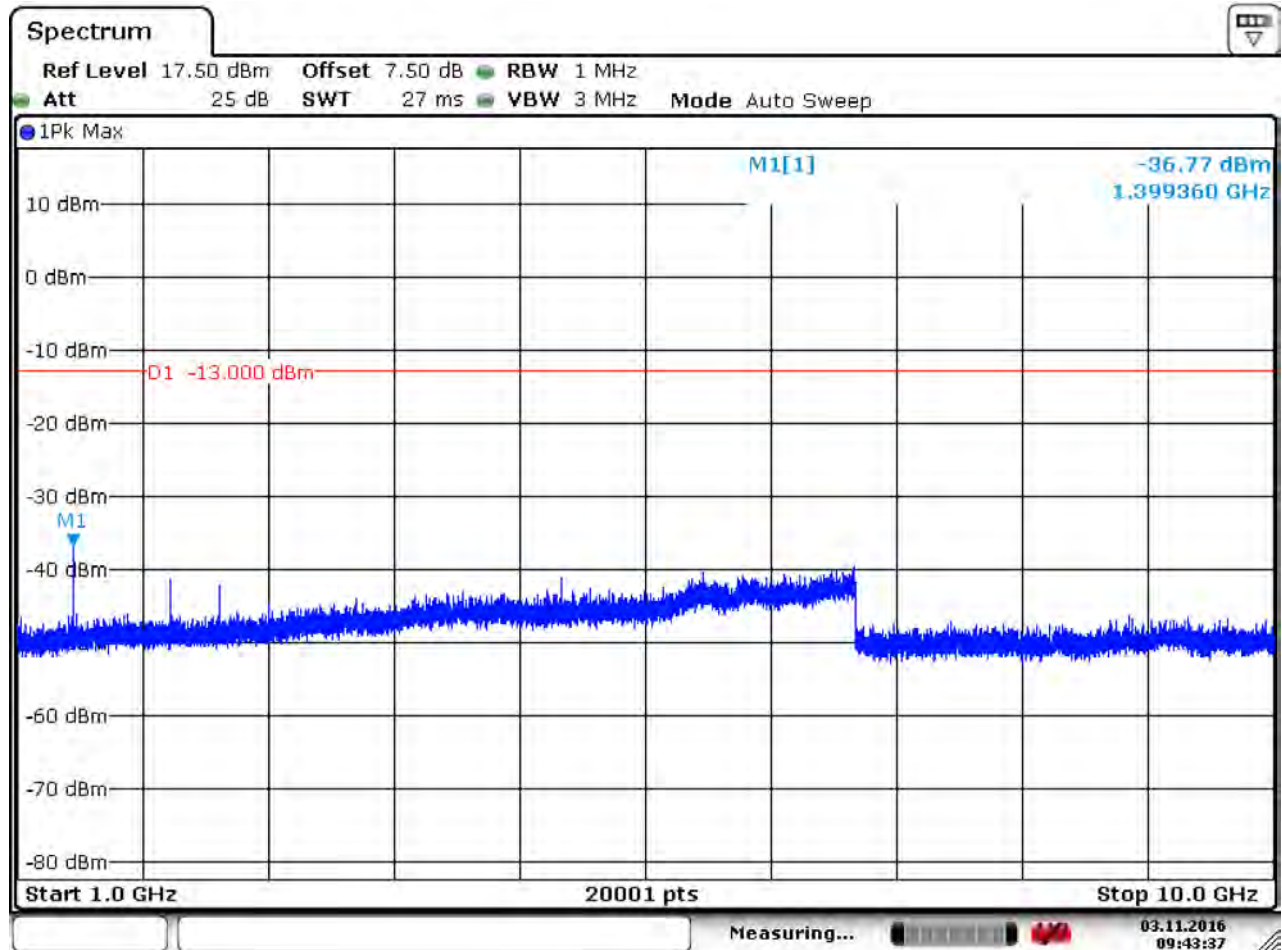
Date: 3.NOV.2016 09:44:22



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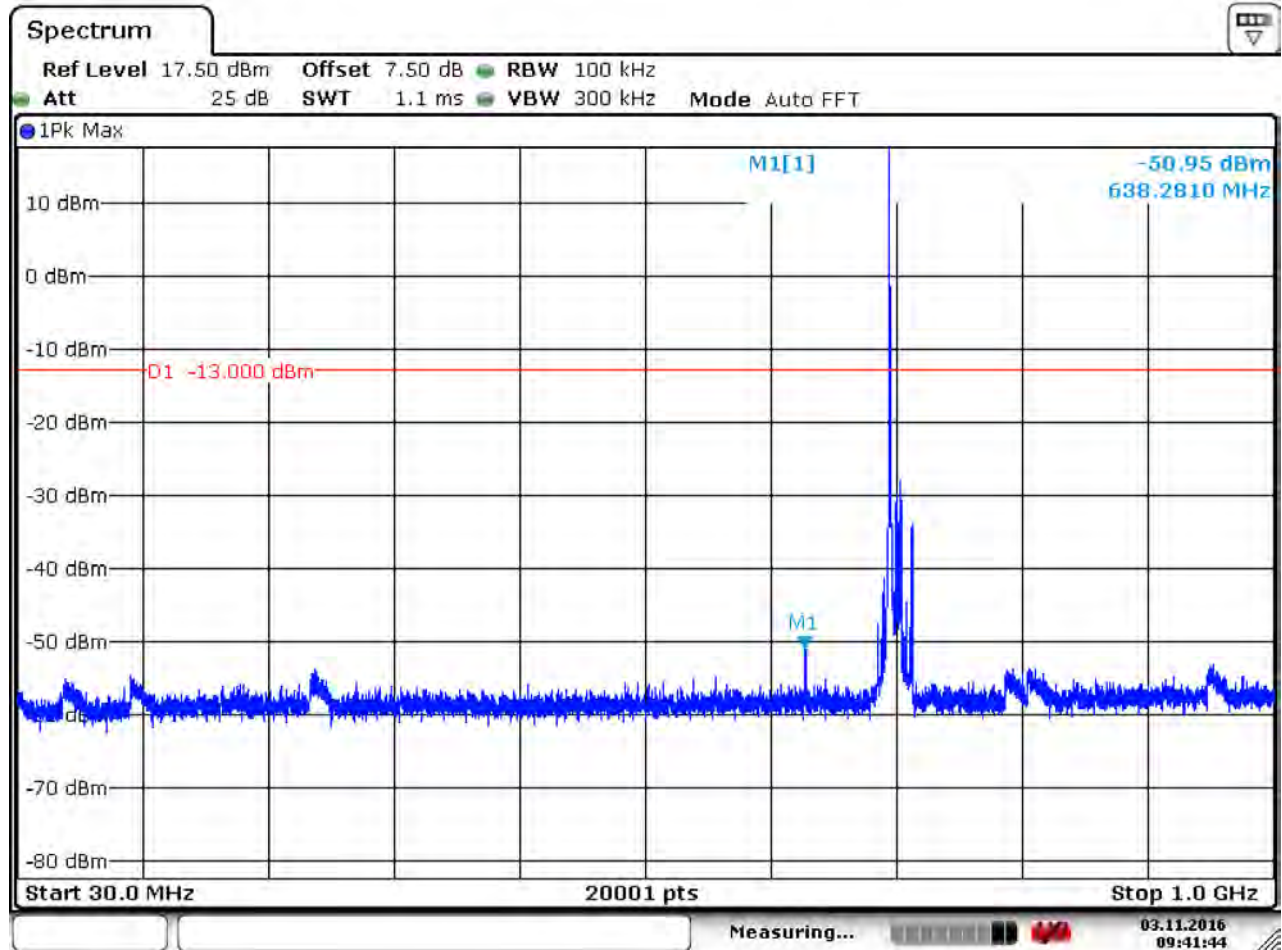


Date: 3.NOV.2016 09:43:38

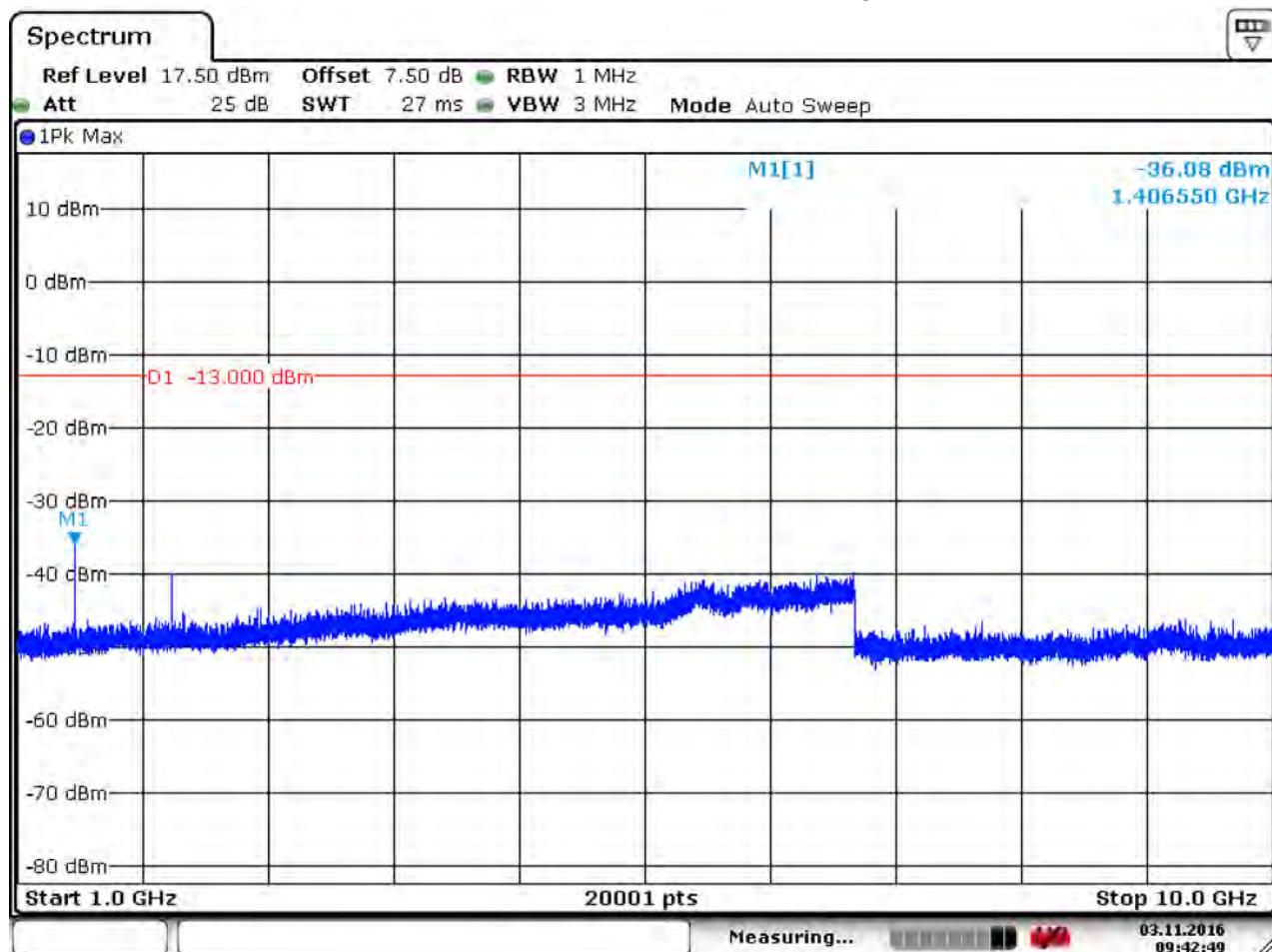
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6.1.1.4.2 Test Channel = MCH



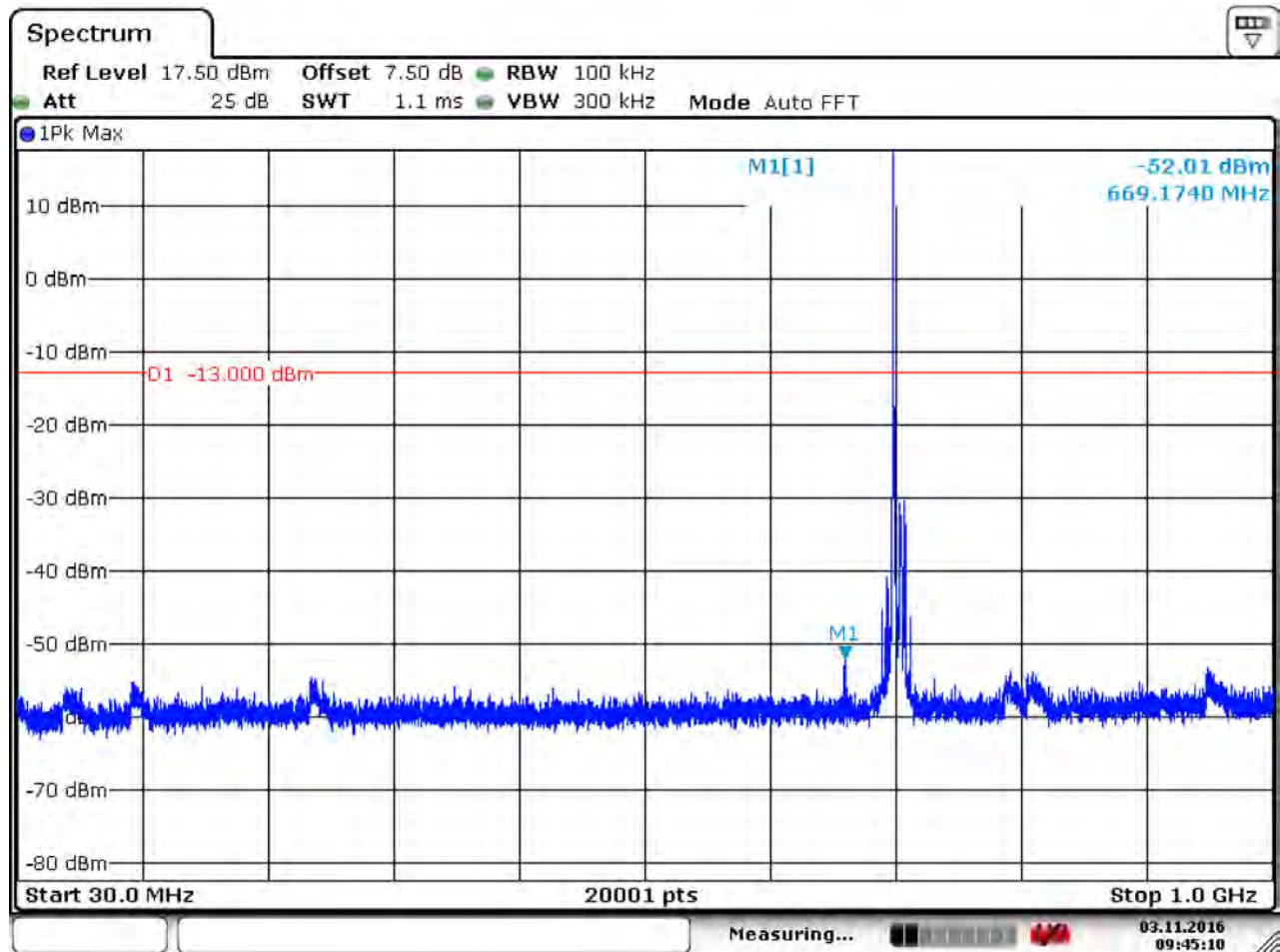
Date: 3 NOV 2016 09:41:44



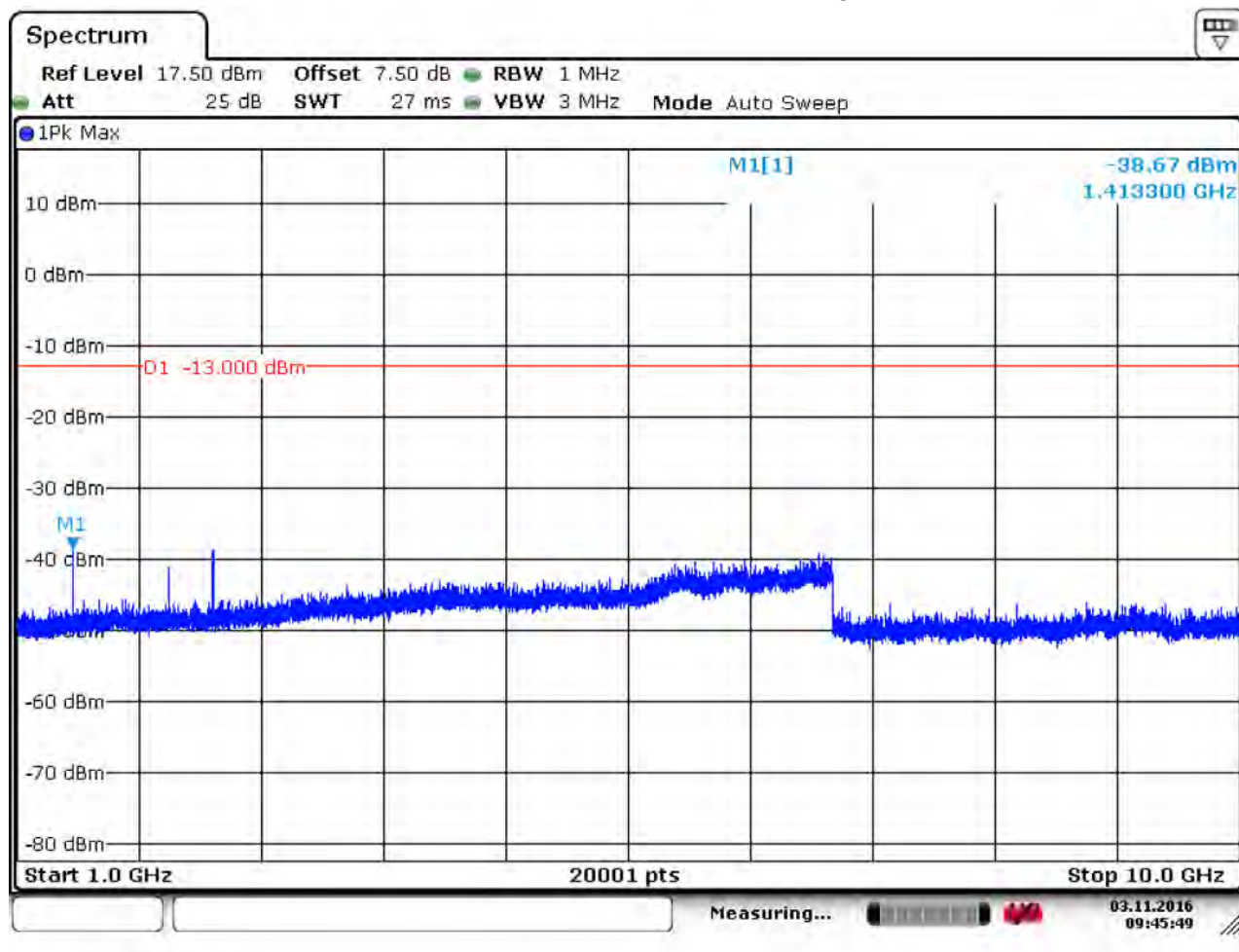
Date: 3.NOV.2016 09:42:49



6.1.1.4.3 Test Channel = HCH



Date: 3 NOV. 2016 09:45:10



Date: 3.NOV.2016 09:45:49



7 Field Strength of Spurious Radiation

7.1 For LTE

7.1.1 Test Band = LTE band 12

7.1.1.1 Test Mode =LTE/TM1 10MHz RB1#0

7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
76.200	-93.41	-13.00	-80.41	Vertical
147.600	-93.50	-13.00	-80.50	Vertical
232.600	-92.97	-13.00	-79.97	Vertical
361.800	-86.84	-13.00	-73.84	Vertical
620.500	-85.49	-13.00	-72.49	Vertical
928.500	-77.99	-13.00	-64.99	Vertical
2688.000	-57.27	-13.00	-44.27	Vertical
3487.500	-52.64	-13.00	-39.64	Vertical
4852.500	-50.28	-13.00	-37.28	Vertical
7875.000	-64.65	-13.00	-51.65	Vertical
10605.000	-63.86	-13.00	-50.86	Vertical
11872.500	-63.60	-13.00	-50.60	Vertical

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
80.400	-95.24	-13.00	-82.24	Horizontal
135.000	-96.88	-13.00	-83.88	Horizontal
279.400	-89.09	-13.00	-76.09	Horizontal
441.600	-87.37	-13.00	-74.37	Horizontal
609.500	-84.85	-13.00	-71.85	Horizontal
791.000	-81.46	-13.00	-68.46	Horizontal
1788.000	-46.77	-13.00	-33.77	Horizontal
4462.500	-50.94	-13.00	-37.94	Horizontal
6022.500	-49.34	-13.00	-36.34	Horizontal
7875.000	-64.24	-13.00	-51.24	Horizontal
10625.000	-63.58	-13.00	-50.58	Horizontal
12262.500	-63.48	-13.00	-50.48	Horizontal



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7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
76.200	-94.43	-13.00	-81.43	Vertical
154.000	-92.44	-13.00	-79.44	Vertical
261.000	-91.39	-13.00	-78.39	Vertical
426.500	-89.09	-13.00	-76.09	Vertical
620.500	-85.56	-13.00	-72.56	Vertical
795.500	-81.75	-13.00	-68.75	Vertical
3585.000	-52.15	-13.00	-39.15	Vertical
4365.000	-51.07	-13.00	-38.07	Vertical
6022.500	-49.46	-13.00	-36.46	Vertical
6900.000	-65.34	-13.00	-52.34	Vertical
8442.500	-63.55	-13.00	-50.55	Vertical
11677.500	-63.52	-13.00	-50.52	Vertical

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
76.200	-93.70	-13.00	-80.70	Horizontal
145.500	-96.85	-13.00	-83.85	Horizontal
277.800	-89.22	-13.00	-76.22	Horizontal
450.000	-87.43	-13.00	-74.43	Horizontal
620.500	-84.53	-13.00	-71.53	Horizontal
1100.000	-49.85	-13.00	-36.85	Horizontal
1661.000	-48.18	-13.00	-35.18	Horizontal
1837.000	-46.15	-13.00	-33.15	Horizontal
4522.500	-66.43	-13.00	-53.43	Horizontal
6470.000	-65.10	-13.00	-52.10	Horizontal
9182.500	-63.33	-13.00	-50.33	Horizontal
10605.000	-63.50	-13.00	-50.50	Horizontal

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7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
76.000	-94.38	-13.00	-81.38	Vertical
135.000	-95.21	-13.00	-82.21	Vertical
223.200	-93.19	-13.00	-80.19	Vertical
375.200	-88.34	-13.00	-75.34	Vertical
620.500	-85.33	-13.00	-72.33	Vertical
1727.000	-47.39	-13.00	-34.39	Vertical
2352.000	-42.55	-13.00	-29.55	Vertical
3682.500	-51.94	-13.00	-38.94	Vertical
6217.500	-65.56	-13.00	-52.56	Vertical
7875.000	-64.49	-13.00	-51.49	Vertical
9727.500	-64.08	-13.00	-51.08	Vertical
11677.500	-63.91	-13.00	-50.91	Vertical

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
84.500	-94.01	-13.00	-81.01	Horizontal
185.400	-93.84	-13.00	-80.84	Horizontal
277.500	-89.41	-13.00	-76.41	Horizontal
433.000	-87.32	-13.00	-74.32	Horizontal
604.000	-85.34	-13.00	-72.34	Horizontal
1540.000	-49.21	-13.00	-36.21	Horizontal
3292.500	-52.66	-13.00	-39.66	Horizontal
5047.500	-50.27	-13.00	-37.27	Horizontal
6280.500	-65.58	-13.00	-52.58	Horizontal
7970.500	-64.45	-13.00	-51.45	Horizontal
9727.500	-64.28	-13.00	-51.28	Horizontal
11872.500	-63.70	-13.00	-50.70	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.

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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
LTE band12	LTE/TM1 10MHz	LCH	TN	VL	1.28	0.00182	PASS
				VN	-0.18	-0.00026	PASS
				VH	0.32	0.00045	PASS
		MCH	TN	VL	3.84	0.00543	PASS
				VN	0.75	0.00106	PASS
				VH	-1.35	-0.00191	PASS
		HCH	TN	VL	4.72	0.00664	PASS
				VN	-2.60	-0.00366	PASS
				VH	2.24	0.00315	PASS
	LTE/TM3 10MHz	LCH	TN	VL	-4.15	-0.00589	PASS
				VN	-7.18	-0.01020	PASS
				VH	-2.01	-0.00286	PASS
		MCH	TN	VL	-5.13	-0.00725	PASS
				VN	2.18	0.00308	PASS
				VH	-7.38	-0.01043	PASS
		HCH	TN	VL	0.54	0.00076	PASS
				VN	-2.13	-0.00300	PASS
				VH	-6.58	-0.00925	PASS
	LTE/TM3 10MHz	LCH	TN	VL	-7.18	-0.01020	PASS
				VN	1.10	0.00156	PASS
				VH	-7.80	-0.01108	PASS
		MCH	TN	VL	-3.43	-0.00485	PASS
				VN	-2.39	-0.00338	PASS
				VH	-5.68	-0.00803	PASS
		HCH	TN	VL	-7.62	-0.01072	PASS
				VN	-3.32	-0.00467	PASS
				VH	1.19	0.00167	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 band12	LTE/TM1 10MHz	LCH	VN	-30	-5.29	-0.00751	PASS
				-20	-8.46	-0.01202	PASS
				-10	-5.97	-0.00848	PASS
				0	-3.50	-0.00497	PASS
				10	-5.65	-0.00803	PASS
				20	-4.11	-0.00584	PASS
				30	-9.96	-0.01415	PASS
				40	-5.31	-0.00754	PASS
				50	-4.74	-0.00673	PASS
		MCH	VN	-30	-6.94	-0.00981	PASS
				-20	-8.29	-0.01172	PASS
				-10	-4.34	-0.00613	PASS
				0	-7.76	-0.01097	PASS
				10	-2.10	-0.00297	PASS
				20	-4.43	-0.00626	PASS
				30	-9.13	-0.01290	PASS
				40	-6.00	-0.00848	PASS
				50	-6.00	-0.00848	PASS
		HCH	VN	-30	-6.14	-0.00864	PASS
				-20	-6.54	-0.00920	PASS
				-10	-3.57	-0.00502	PASS
				0	-7.30	-0.01027	PASS
				10	-7.07	-0.00994	PASS
				20	-4.03	-0.00567	PASS
				30	-7.22	-0.01015	PASS
				40	-2.34	-0.00329	PASS
				50	-5.07	-0.00713	PASS



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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE band12	LTE/TM2 10MHz	LCH	VN	-30	-3.43	-0.00487	PASS
				-20	-8.34	-0.01185	PASS
				-10	-5.22	-0.00741	PASS
				0	-7.45	-0.01058	PASS
				10	-5.58	-0.00793	PASS
				20	3.08	0.00438	PASS
				30	1.89	0.00268	PASS
				40	-5.70	-0.00810	PASS
				50	-4.64	-0.00659	PASS
		MCH	VN	-30	-6.92	-0.00978	PASS
				-20	-8.27	-0.01169	PASS
				-10	-4.43	-0.00626	PASS
				0	-7.84	-0.01108	PASS
				10	-5.25	-0.00742	PASS
				20	-6.59	-0.00931	PASS
				30	-4.27	-0.00604	PASS
				40	-8.13	-0.01149	PASS
				50	-3.11	-0.00440	PASS
		HCH	VN	-30	-6.35	-0.00893	PASS
				-20	-6.68	-0.00940	PASS
				-10	-3.85	-0.00541	PASS
				0	-3.37	-0.00474	PASS
				10	-4.18	-0.00588	PASS
				20	-4.16	-0.00585	PASS
				30	-7.31	-0.01028	PASS
				40	-2.92	-0.00411	PASS
				50	-5.24	-0.00737	PASS

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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE band12	LTE/TM3 10MHz	LCH	VN	-30	-5.13	-0.00729	PASS
				-20	8.87	0.01260	PASS
				-10	6.46	0.00918	PASS
				0	2.27	0.00322	PASS
				10	2.23	0.00317	PASS
				20	4.95	0.00703	PASS
				30	-0.72	-0.00102	PASS
				40	-7.16	-0.01017	PASS
				50	-9.90	-0.01406	PASS
		MCH	VN	-30	-6.70	-0.00947	PASS
				-20	4.24	0.00599	PASS
				-10	-0.31	-0.00044	PASS
				0	-2.15	-0.00304	PASS
				10	0.67	0.00095	PASS
				20	-7.54	-0.01066	PASS
				30	-5.85	-0.00827	PASS
				40	-7.45	-0.01053	PASS
				50	-8.66	-0.01224	PASS
		HCH	VN	-30	0.38	0.00053	PASS
				-20	-4.21	-0.00592	PASS
				-10	4.92	0.00692	PASS
				0	3.47	0.00488	PASS
				10	7.37	0.01037	PASS
				20	3.25	0.00457	PASS
				30	4.33	0.00609	PASS
				40	-6.65	-0.00935	PASS
				50	-7.12	-0.01001	PASS

The End

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