



Appendix B

Test Data for SZEM1610008522RG



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1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND41

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND41	LTE/TM1	5M	LCH	RB1#0	22.48	25.46	33.00	PASS
				RB1#13	22.27	25.25	33.00	PASS
				RB1#24	22.25	25.23	33.00	PASS
				RB12#0	21.36	24.34	33.00	PASS
				RB12#6	21.28	24.26	33.00	PASS
				RB12#13	21.24	24.22	33.00	PASS
				RB25#0	21.29	24.27	33.00	PASS
			MCH	RB1#0	22.51	25.49	33.00	PASS
				RB1#13	22.36	25.34	33.00	PASS
				RB1#24	22.42	25.40	33.00	PASS
				RB12#0	21.44	24.42	33.00	PASS
				RB12#6	21.40	24.38	33.00	PASS
				RB12#13	21.28	24.26	33.00	PASS
				RB25#0	21.41	24.39	33.00	PASS
			HCH	RB1#0	22.61	25.59	33.00	PASS
				RB1#13	22.43	25.41	33.00	PASS
				RB1#24	22.30	25.28	33.00	PASS
				RB12#0	21.52	24.50	33.00	PASS
				RB12#6	21.48	24.46	33.00	PASS
				RB12#13	21.28	24.26	33.00	PASS
				RB25#0	21.44	24.42	33.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND41	LTE/TM2	5M	LCH	RB1#0	21.45	24.43	33.00	PASS
				RB1#13	21.29	24.27	33.00	PASS
				RB1#24	21.22	24.20	33.00	PASS
				RB12#0	20.40	23.38	33.00	PASS
				RB12#6	20.32	23.30	33.00	PASS
				RB12#13	20.23	23.21	33.00	PASS
				RB25#0	20.37	23.35	33.00	PASS
			MCH	RB1#0	21.53	24.51	33.00	PASS
				RB1#13	21.40	24.38	33.00	PASS
				RB1#24	21.43	24.41	33.00	PASS
				RB12#0	20.49	23.47	33.00	PASS
				RB12#6	20.45	23.43	33.00	PASS
				RB12#13	20.41	23.39	33.00	PASS
				RB25#0	20.41	23.39	33.00	PASS
			HCH	RB1#0	21.68	24.66	33.00	PASS
				RB1#13	21.47	24.45	33.00	PASS
				RB1#24	21.39	24.37	33.00	PASS
				RB12#0	20.51	23.49	33.00	PASS
				RB12#6	20.43	23.41	33.00	PASS
				RB12#13	20.41	23.39	33.00	PASS
				RB25#0	20.46	23.44	33.00	PASS

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BAND41	LTE/TM3	5M	LCH	RB1#0	20.59	23.57	33.00	PASS
				RB1#13	20.56	23.54	33.00	PASS
				RB1#24	20.54	23.52	33.00	PASS
				RB12#0	19.51	22.49	33.00	PASS
				RB12#6	19.49	22.47	33.00	PASS
				RB12#13	19.34	22.32	33.00	PASS
				RB25#0	19.29	22.27	33.00	PASS
			MCH	RB1#0	20.80	23.78	33.00	PASS
				RB1#13	20.58	23.56	33.00	PASS
				RB1#24	20.56	23.54	33.00	PASS
				RB12#0	19.55	22.53	33.00	PASS
				RB12#6	19.50	22.48	33.00	PASS
				RB12#13	19.35	22.33	33.00	PASS
				RB25#0	19.33	22.31	33.00	PASS
			HCH	RB1#0	20.81	23.79	33.00	PASS
				RB1#13	20.61	23.59	33.00	PASS
				RB1#24	20.58	23.56	33.00	PASS
				RB12#0	19.57	22.55	33.00	PASS
				RB12#6	19.52	22.50	33.00	PASS
				RB12#13	19.40	22.38	33.00	PASS
				RB25#0	19.40	22.38	33.00	PASS

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BAND41	LTE/TM1	10M	LCH	RB1#0	22.52	25.50	33.00	PASS
				RB1#25	22.31	25.29	33.00	PASS
				RB1#49	22.29	25.27	33.00	PASS
				RB25#0	21.40	24.38	33.00	PASS
				RB25#13	21.33	24.31	33.00	PASS
				RB25#25	21.26	24.24	33.00	PASS
				RB50#0	21.33	24.31	33.00	PASS
			MCH	RB1#0	22.55	25.53	33.00	PASS
				RB1#25	22.40	25.38	33.00	PASS
				RB1#49	22.46	25.44	33.00	PASS
				RB25#0	21.46	24.44	33.00	PASS
				RB25#13	21.42	24.40	33.00	PASS
				RB25#25	21.34	24.32	33.00	PASS
				RB50#0	21.46	24.44	33.00	PASS
			HCH	RB1#0	22.63	25.61	33.00	PASS
				RB1#25	22.47	25.45	33.00	PASS
				RB1#49	22.32	25.30	33.00	PASS
				RB25#0	21.56	24.54	33.00	PASS
				RB25#13	21.52	24.50	33.00	PASS
				RB25#25	21.31	24.29	33.00	PASS
				RB50#0	21.47	24.45	33.00	PASS

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BAND41	LTE/TM2	10M	LCH	RB1#0	21.51	24.49	33.00	PASS
				RB1#25	21.32	24.30	33.00	PASS
				RB1#49	21.25	24.23	33.00	PASS
				RB25#0	20.43	23.41	33.00	PASS
				RB25#13	20.36	23.34	33.00	PASS
				RB25#25	20.28	23.26	33.00	PASS
				RB50#0	20.39	23.37	33.00	PASS
			MCH	RB1#0	21.58	24.56	33.00	PASS
				RB1#25	21.44	24.42	33.00	PASS
				RB1#49	21.47	24.45	33.00	PASS
				RB25#0	20.54	23.52	33.00	PASS
				RB25#13	20.50	23.48	33.00	PASS
				RB25#25	20.44	23.42	33.00	PASS
				RB50#0	20.44	23.42	33.00	PASS
			HCH	RB1#0	21.73	24.71	33.00	PASS
				RB1#25	21.51	24.49	33.00	PASS
				RB1#49	21.42	24.40	33.00	PASS
				RB25#0	20.55	23.53	33.00	PASS
				RB25#13	20.48	23.46	33.00	PASS
				RB25#25	20.45	23.43	33.00	PASS
				RB50#0	20.50	23.48	33.00	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND41	LTE/TM3	10M	LCH	RB1#0	20.63	23.61	33.00	PASS
				RB1#25	20.59	23.57	33.00	PASS
				RB1#49	20.58	23.56	33.00	PASS
				RB25#0	19.57	22.55	33.00	PASS
				RB25#13	19.54	22.52	33.00	PASS
				RB25#25	19.39	22.37	33.00	PASS
				RB50#0	19.34	22.32	33.00	PASS
			MCH	RB1#0	20.83	23.81	33.00	PASS
				RB1#25	20.61	23.59	33.00	PASS
				RB1#49	20.60	23.58	33.00	PASS
				RB25#0	19.58	22.56	33.00	PASS
				RB25#13	19.53	22.51	33.00	PASS
				RB25#25	19.39	22.37	33.00	PASS
				RB50#0	19.35	22.33	33.00	PASS
			HCH	RB1#0	20.84	23.82	33.00	PASS
				RB1#25	20.65	23.63	33.00	PASS
				RB1#49	20.61	23.59	33.00	PASS
				RB25#0	19.62	22.60	33.00	PASS
				RB25#13	19.56	22.54	33.00	PASS
				RB25#25	19.43	22.41	33.00	PASS
				RB50#0	19.43	22.41	33.00	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND41	LTE/TM1	15M	LCH	RB1#0	22.47	25.45	33.00	PASS
				RB1#38	22.27	25.25	33.00	PASS
				RB1#74	22.24	25.22	33.00	PASS
				RB36#0	21.36	24.34	33.00	PASS
				RB36#18	21.28	24.26	33.00	PASS
				RB36#39	21.23	24.21	33.00	PASS
				RB75#0	21.29	24.27	33.00	PASS
			MCH	RB1#0	22.52	25.50	33.00	PASS
				RB1#38	22.36	25.34	33.00	PASS
				RB1#74	22.43	25.41	33.00	PASS
				RB36#0	21.44	24.42	33.00	PASS
				RB36#18	21.39	24.37	33.00	PASS
				RB36#39	21.28	24.26	33.00	PASS
				RB75#0	21.42	24.40	33.00	PASS
			HCH	RB1#0	22.63	25.61	33.00	PASS
				RB1#38	22.43	25.41	33.00	PASS
				RB1#74	22.29	25.27	33.00	PASS
				RB36#0	21.53	24.51	33.00	PASS
				RB36#18	21.49	24.47	33.00	PASS
				RB36#39	21.27	24.25	33.00	PASS
				RB75#0	21.42	24.40	33.00	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND41	LTE/TM2	15M	LCH	RB1#0	21.46	24.44	33.00	PASS
				RB1#38	21.29	24.27	33.00	PASS
				RB1#74	21.22	24.20	33.00	PASS
				RB36#0	20.41	23.39	33.00	PASS
				RB36#18	20.31	23.29	33.00	PASS
				RB36#39	20.24	23.22	33.00	PASS
				RB75#0	20.37	23.35	33.00	PASS
			MCH	RB1#0	21.53	24.51	33.00	PASS
				RB1#38	21.42	24.40	33.00	PASS
				RB1#74	21.44	24.42	33.00	PASS
				RB36#0	20.49	23.47	33.00	PASS
				RB36#18	20.45	23.43	33.00	PASS
				RB36#39	20.40	23.38	33.00	PASS
				RB75#0	20.41	23.39	33.00	PASS
			HCH	RB1#0	21.68	24.66	33.00	PASS
				RB1#38	21.46	24.44	33.00	PASS
				RB1#74	21.39	24.37	33.00	PASS
				RB36#0	20.50	23.48	33.00	PASS
				RB36#18	20.42	23.40	33.00	PASS
				RB36#39	20.42	23.40	33.00	PASS
				RB75#0	20.46	23.44	33.00	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND41	LTE/TM3	15M	LCH	RB1#0	20.58	23.56	33.00	PASS
				RB1#38	20.56	23.54	33.00	PASS
				RB1#74	20.53	23.51	33.00	PASS
				RB36#0	19.53	22.51	33.00	PASS
				RB36#18	19.50	22.48	33.00	PASS
				RB36#39	19.33	22.31	33.00	PASS
				RB75#0	19.29	22.27	33.00	PASS
			MCH	RB1#0	20.79	23.77	33.00	PASS
				RB1#38	20.58	23.56	33.00	PASS
				RB1#74	20.56	23.54	33.00	PASS
				RB36#0	19.54	22.52	33.00	PASS
				RB36#18	19.51	22.49	33.00	PASS
				RB36#39	19.35	22.33	33.00	PASS
				RB75#0	19.32	22.30	33.00	PASS
			HCH	RB1#0	20.79	23.77	33.00	PASS
				RB1#38	20.61	23.59	33.00	PASS
				RB1#74	20.59	23.57	33.00	PASS
				RB36#0	19.56	22.54	33.00	PASS
				RB36#18	19.52	22.50	33.00	PASS
				RB36#39	19.39	22.37	33.00	PASS
				RB75#0	19.41	22.39	33.00	PASS

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BAND41	LTE/TM1	20M	LCH	RB1#0	22.49	25.47	33.00	PASS
				RB1#50	22.30	25.28	33.00	PASS
				RB1#99	22.27	25.25	33.00	PASS
				RB50#0	21.38	24.36	33.00	PASS
				RB50#25	21.30	24.28	33.00	PASS
				RB50#50	21.25	24.23	33.00	PASS
				RB100#0	21.30	24.28	33.00	PASS
			MCH	RB1#0	22.54	25.52	33.00	PASS
				RB1#50	22.38	25.36	33.00	PASS
				RB1#99	22.45	25.43	33.00	PASS
				RB50#0	21.45	24.43	33.00	PASS
				RB50#25	21.41	24.39	33.00	PASS
				RB50#50	21.31	24.29	33.00	PASS
				RB100#0	21.44	24.42	33.00	PASS
			HCH	RB1#0	22.66	25.64	33.00	PASS
				RB1#50	22.45	25.43	33.00	PASS
				RB1#99	22.31	25.29	33.00	PASS
				RB50#0	21.54	24.52	33.00	PASS
				RB50#25	21.51	24.49	33.00	PASS
				RB50#50	21.29	24.27	33.00	PASS
				RB100#0	21.45	24.43	33.00	PASS

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BAND41	LTE/TM2	20M	LCH	RB1#0	21.48	24.46	33.00	PASS
				RB1#50	21.30	24.28	33.00	PASS
				RB1#99	21.24	24.22	33.00	PASS
				RB50#0	20.42	23.40	33.00	PASS
				RB50#25	20.34	23.32	33.00	PASS
				RB50#50	20.25	23.23	33.00	PASS
				RB100#0	20.38	23.36	33.00	PASS
			MCH	RB1#0	21.56	24.54	33.00	PASS
				RB1#50	21.43	24.41	33.00	PASS
				RB1#99	21.45	24.43	33.00	PASS
				RB50#0	20.52	23.50	33.00	PASS
				RB50#25	20.47	23.45	33.00	PASS
				RB50#50	20.42	23.40	33.00	PASS
				RB100#0	20.42	23.40	33.00	PASS
			HCH	RB1#0	21.70	24.68	33.00	PASS
				RB1#50	21.49	24.47	33.00	PASS
				RB1#99	21.41	24.39	33.00	PASS
				RB50#0	20.53	23.51	33.00	PASS
				RB50#25	20.45	23.43	33.00	PASS
				RB50#50	20.44	23.42	33.00	PASS
				RB100#0	20.48	23.46	33.00	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND41	LTE/TM3	20M	LCH	RB1#0	20.61	23.59	33.00	PASS
				RB1#50	20.57	23.55	33.00	PASS
				RB1#99	20.56	23.54	33.00	PASS
				RB50#0	19.54	22.52	33.00	PASS
				RB50#25	19.51	22.49	33.00	PASS
				RB50#50	19.36	22.34	33.00	PASS
				RB100#0	19.31	22.29	33.00	PASS
			MCH	RB1#0	20.81	23.79	33.00	PASS
				RB1#50	20.59	23.57	33.00	PASS
				RB1#99	20.58	23.56	33.00	PASS
				RB50#0	19.56	22.54	33.00	PASS
				RB50#25	19.52	22.50	33.00	PASS
				RB50#50	19.37	22.35	33.00	PASS
				RB100#0	19.34	22.32	33.00	PASS
			HCH	RB1#0	20.82	23.80	33.00	PASS
				RB1#50	20.63	23.61	33.00	PASS
				RB1#99	20.6	23.58	33.00	PASS
				RB50#0	19.59	22.57	33.00	PASS
				RB50#25	19.54	22.52	33.00	PASS
				RB50#50	19.41	22.39	33.00	PASS
				RB100#0	19.42	22.40	33.00	PASS

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Note:

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

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

b: SGP=Signal Generator Level

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

Detector: RMS



2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
Band 41	TM1/20M	LCH	4.96	13	PASS
		MCH	4.72	13	PASS
		HCH	4.75	13	PASS
	TM2/20M	LCH	6.23	13	PASS
		MCH	5.68	13	PASS
		HCH	5.80	13	PASS
	TM3/20M	LCH	6.67	13	PASS
		MCH	6.46	13	PASS
		HCH	6.58	13	PASS



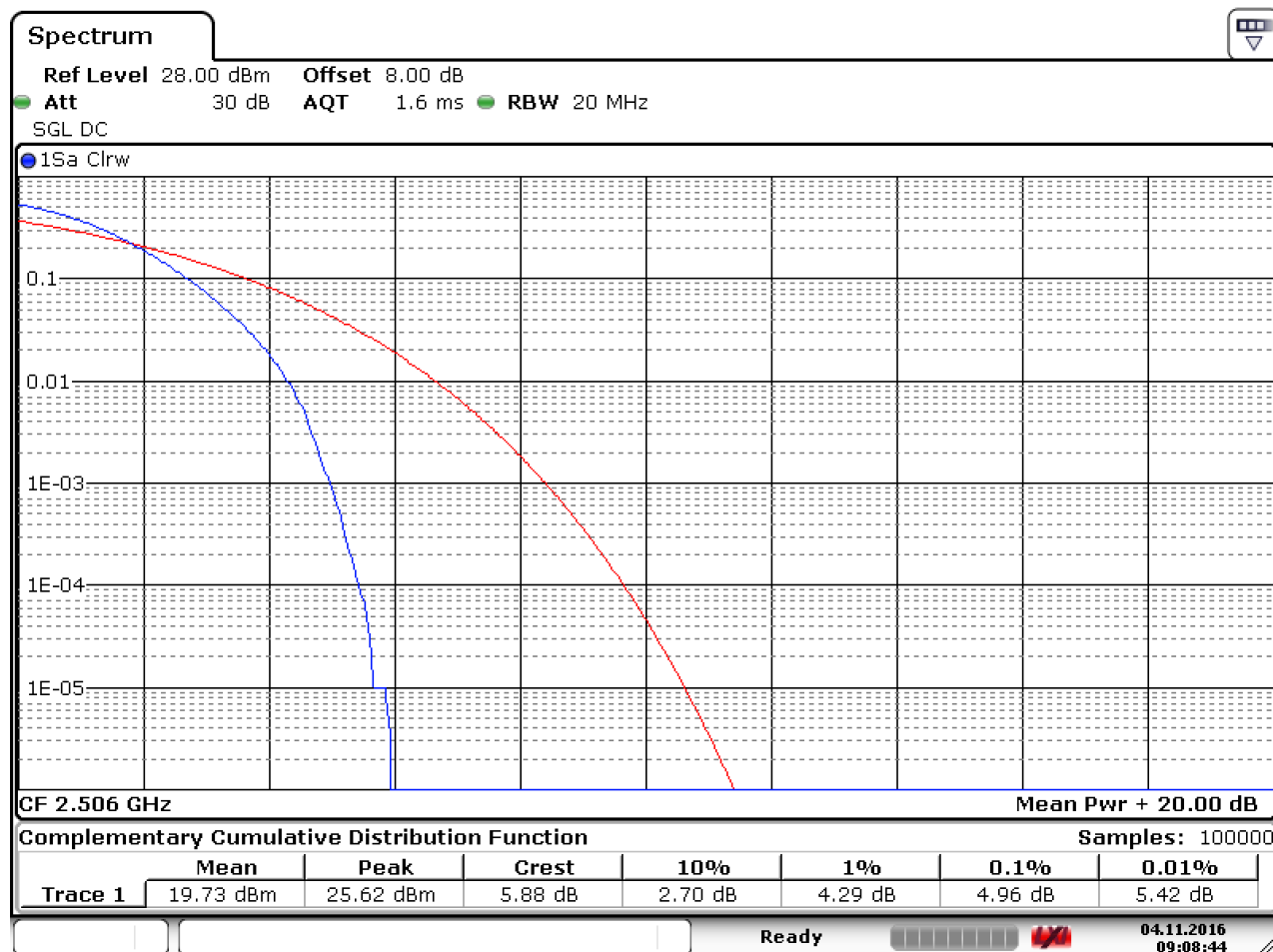
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band 41

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

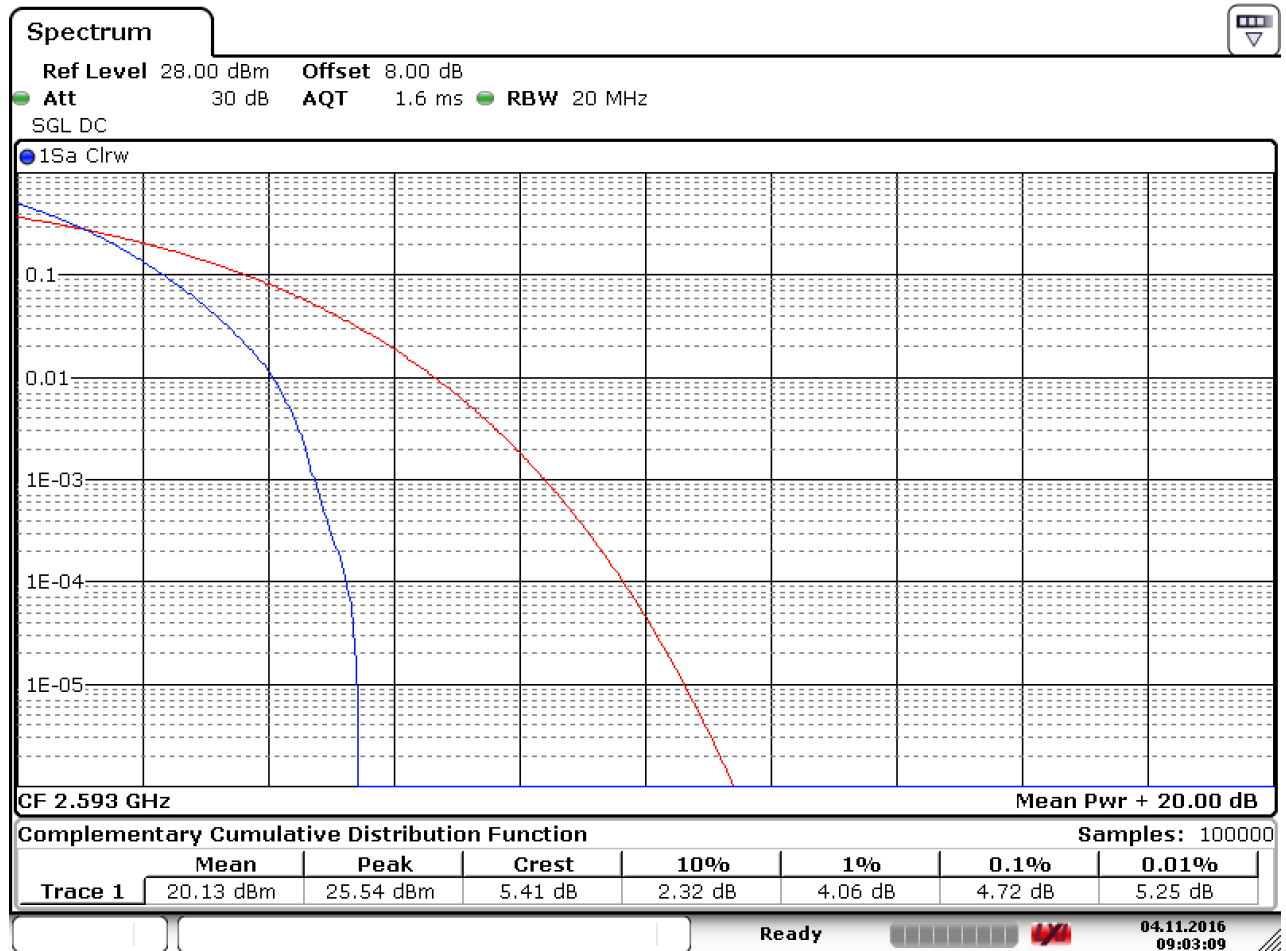
2.1.1.1.1 Test Channel = LCH



Date: 4.NOV.2016 09:08:44



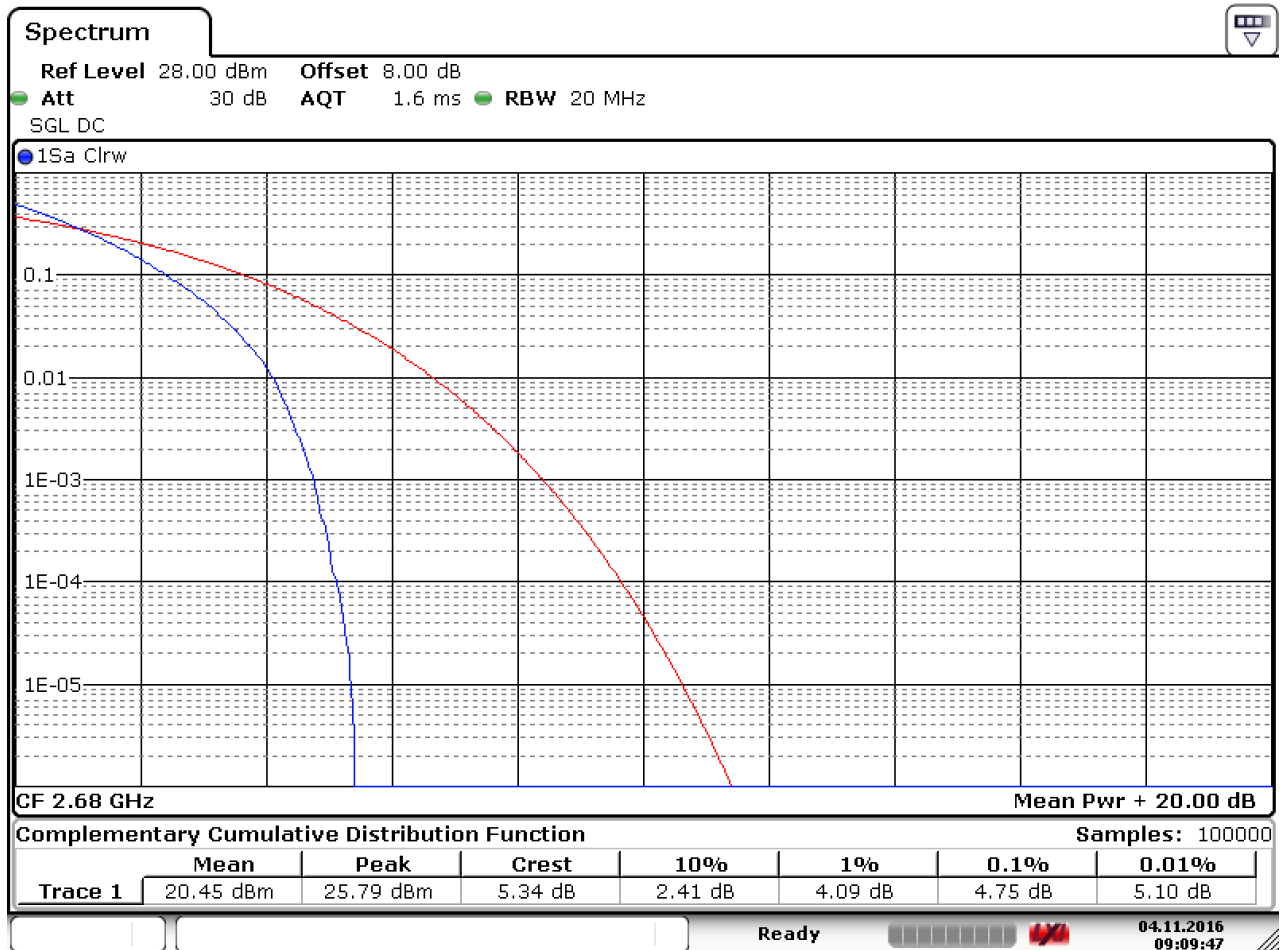
2.1.1.1.2 Test Channel = MCH



Date: 4.NOV.2016 09:03:09



2.1.1.1.3 Test Channel = HCH

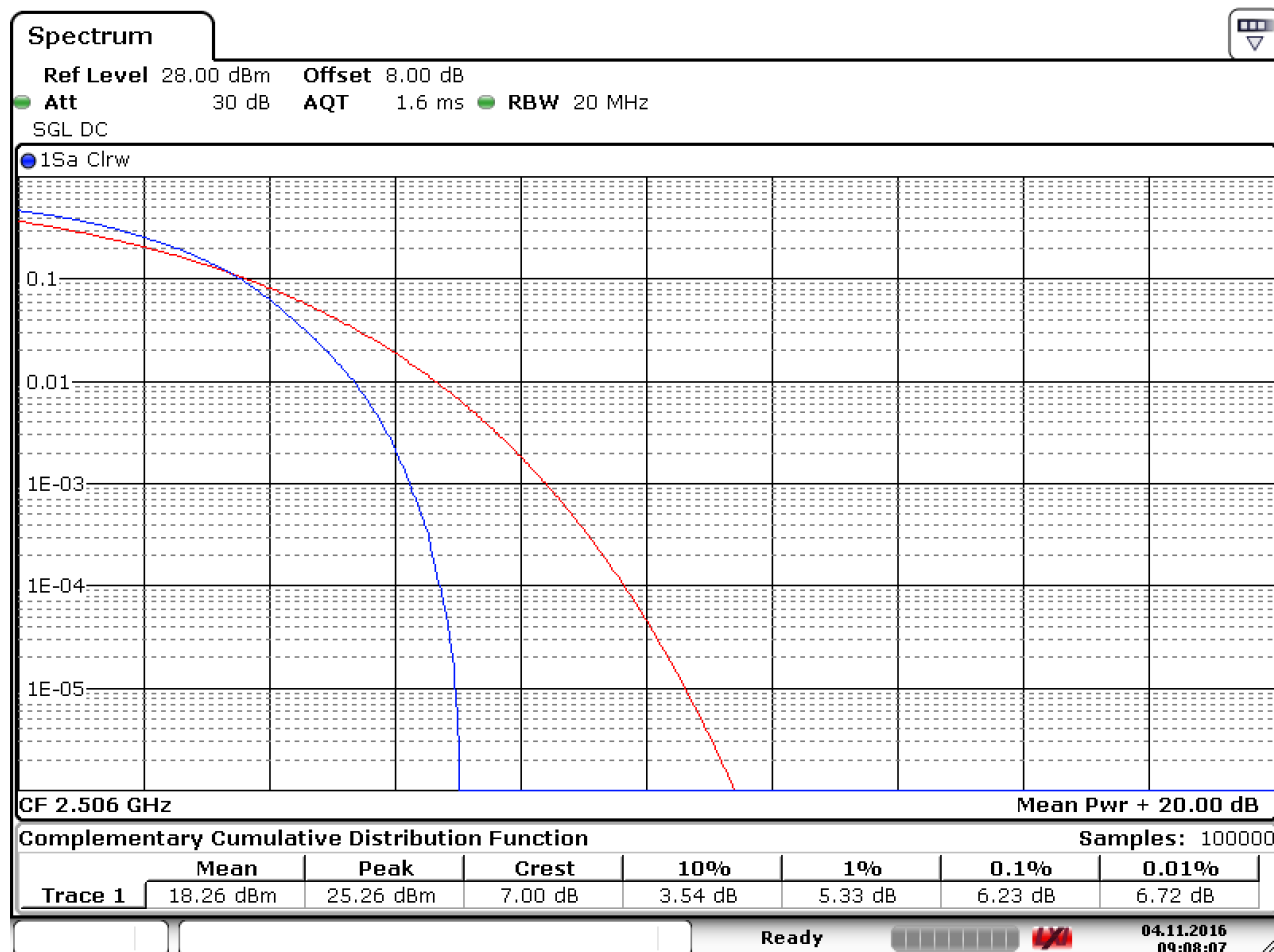


Date: 4.NOV.2016 09:09:48



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

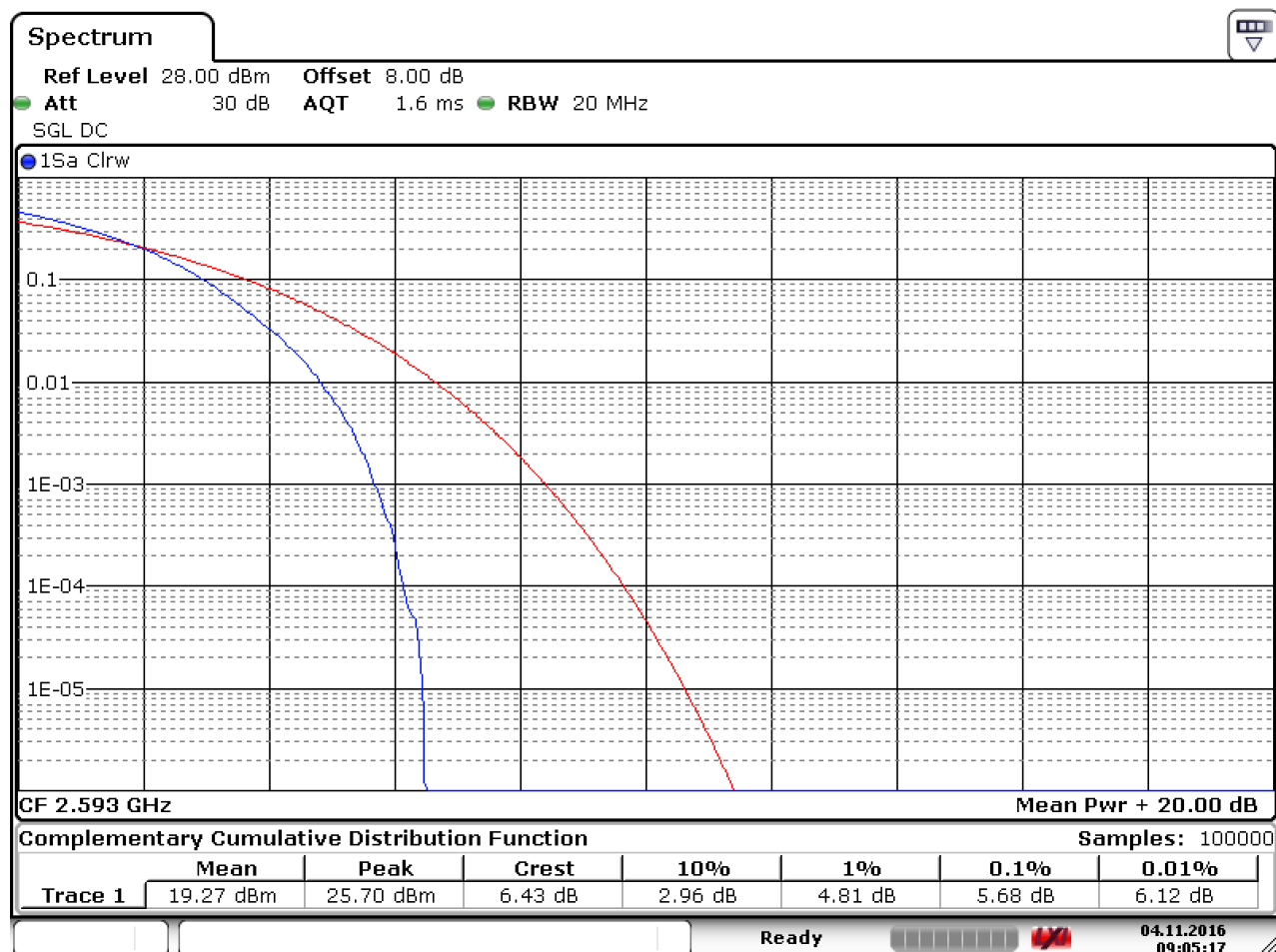
2.1.1.2.1 Test Channel = LCH



Date: 4.NOV.2016 09:08:08



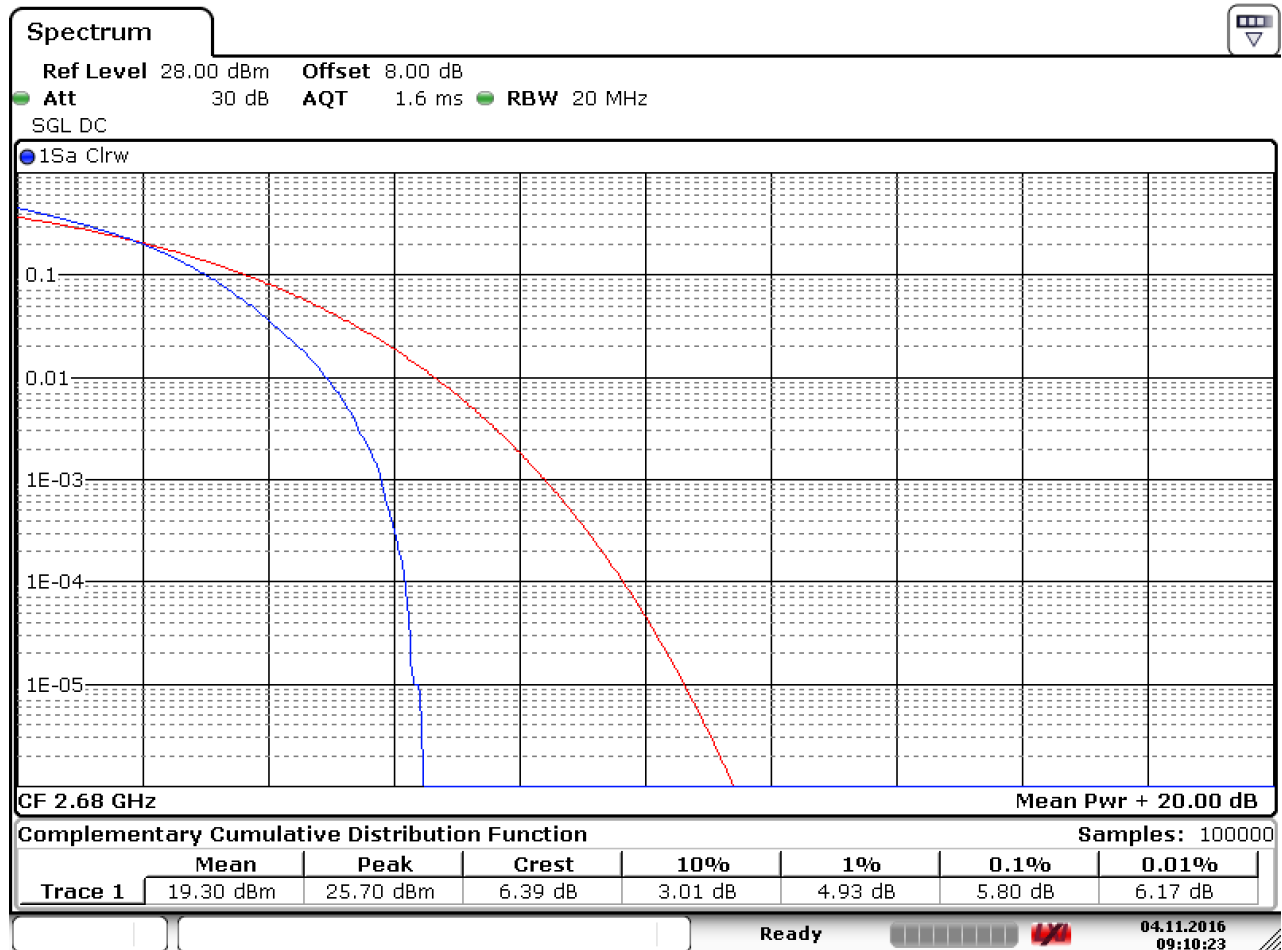
2.1.1.2.2 Test Channel = MCH



Date: 4.NOV.2016 09:05:17



2.1.1.2.3 Test Channel = HCH



Date: 4.NOV.2016 09:10:23



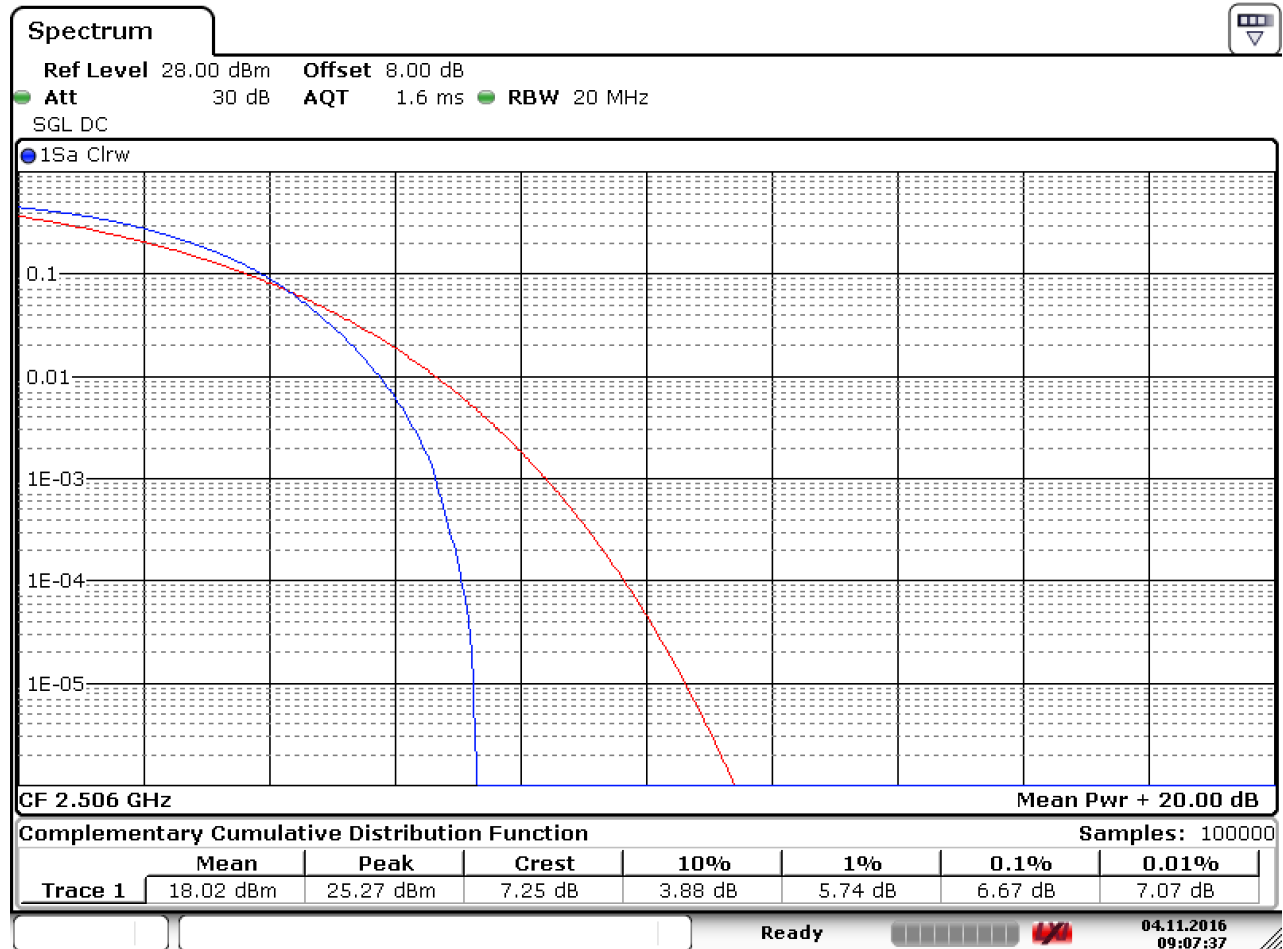
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2.1.1.3 Test Mode = LTE/TM3.Bandwidth=20MHz

2.1.1.3.1 Test Channel = LCH

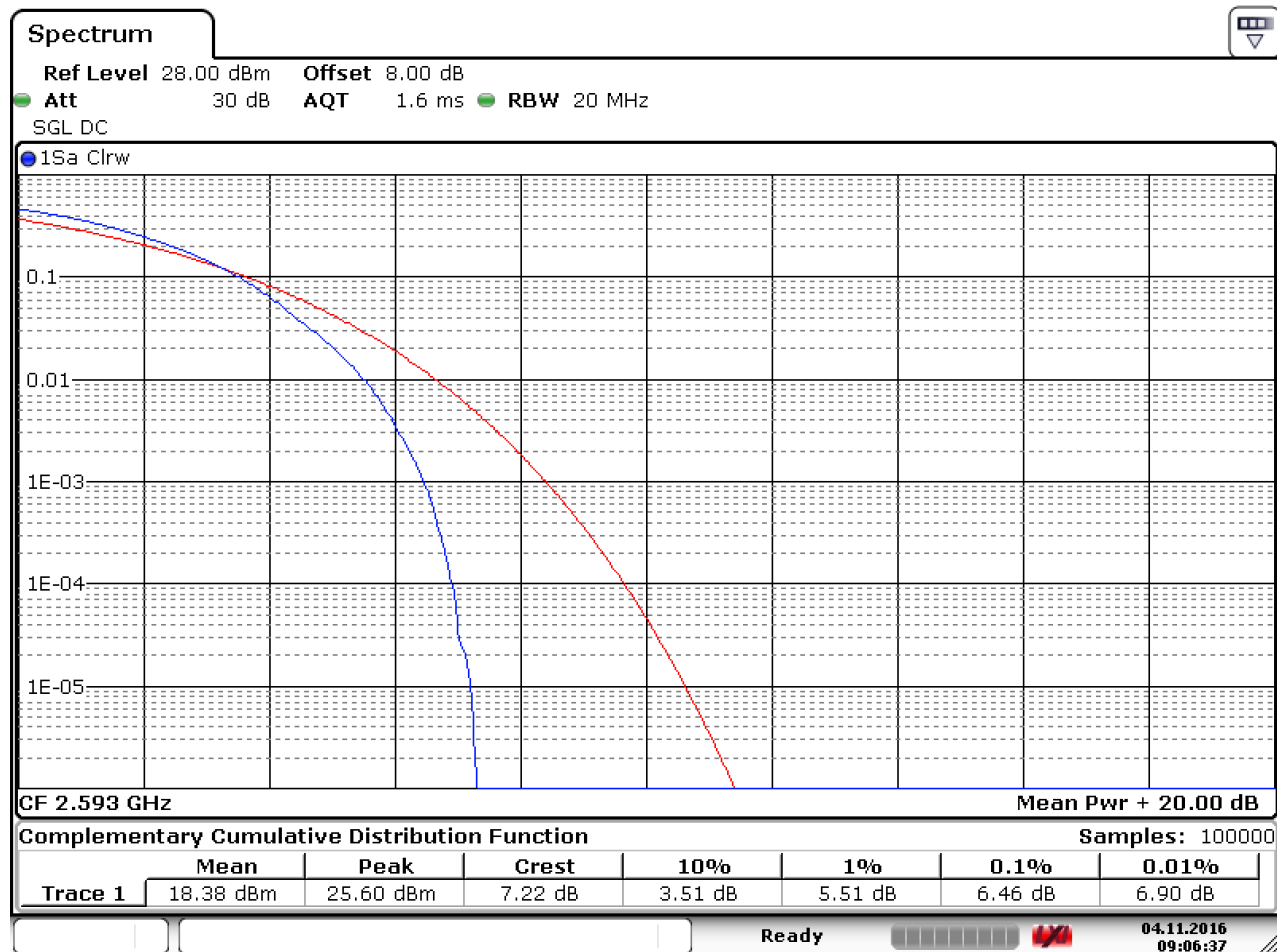


Date: 4.NOV.2016 09:07:37

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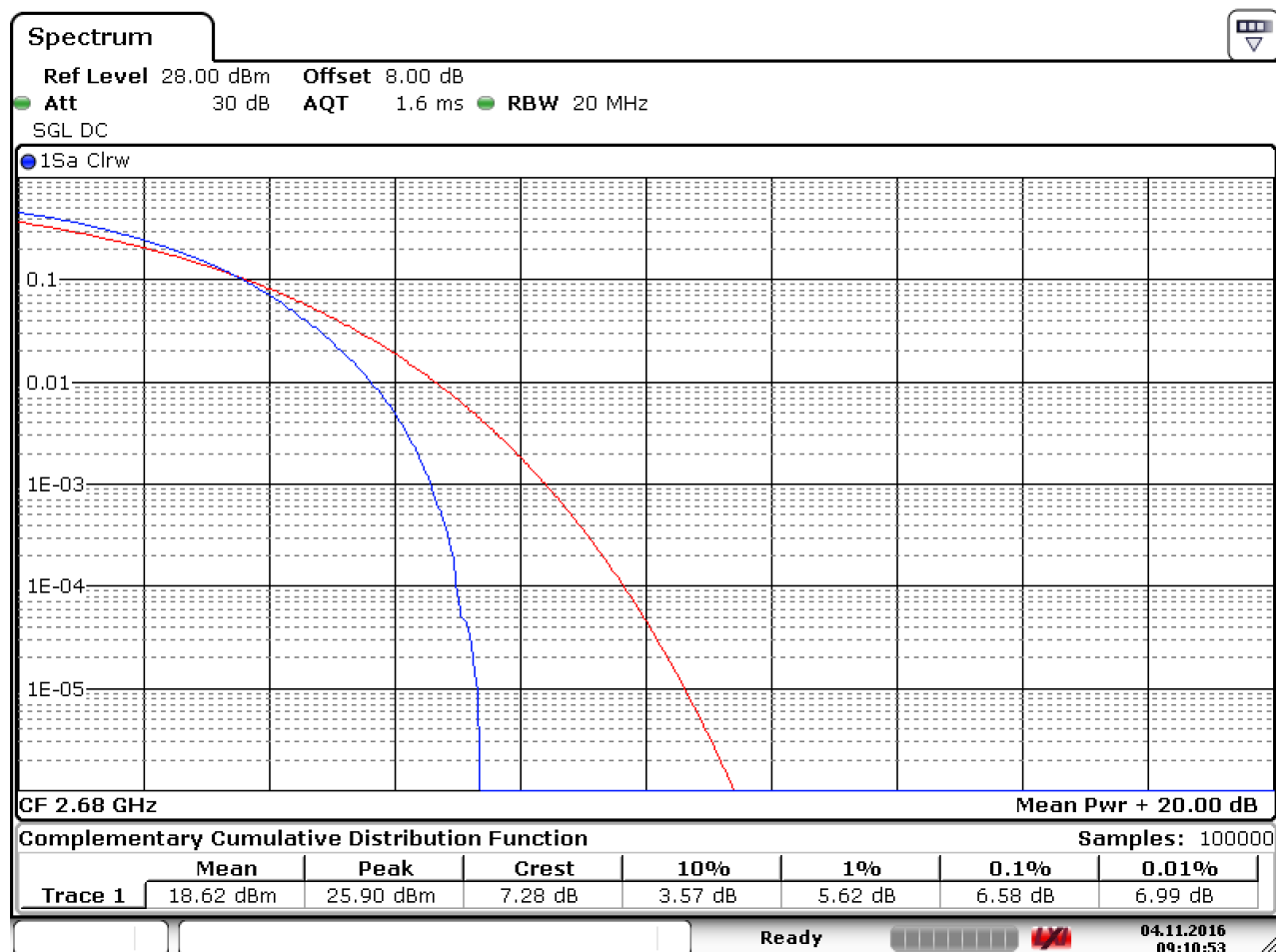
2.1.1.3.2 Test Channel = MCH



Date: 4.NOV.2016 09:06:37



2.1.1.3.3 Test Channel = HCH



Date: 4.NOV.2016 09:10:54

3 Modulation Characteristics

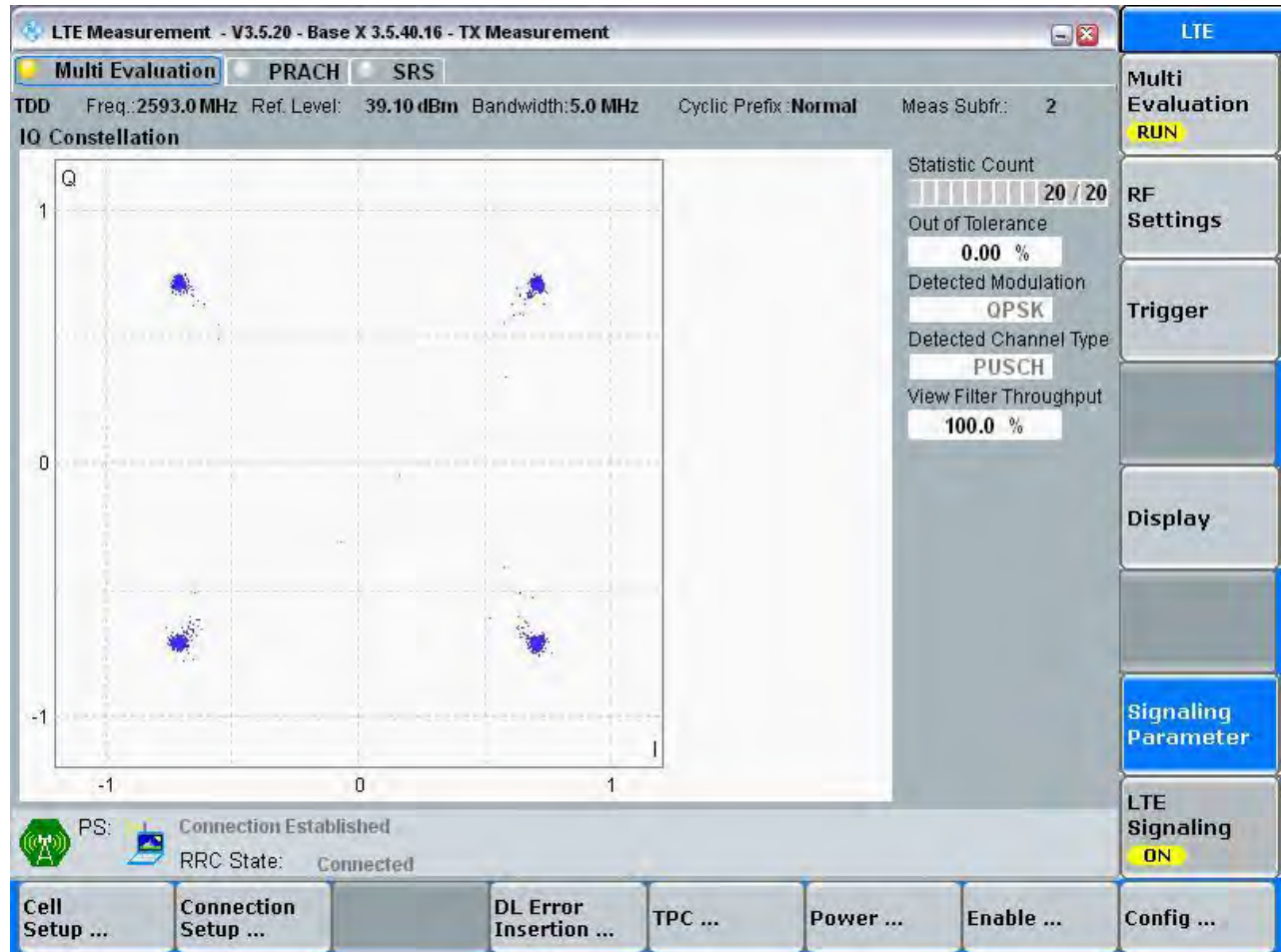
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE band 41

3.1.1.1 Test Mode = LTE /TM1 5MHz

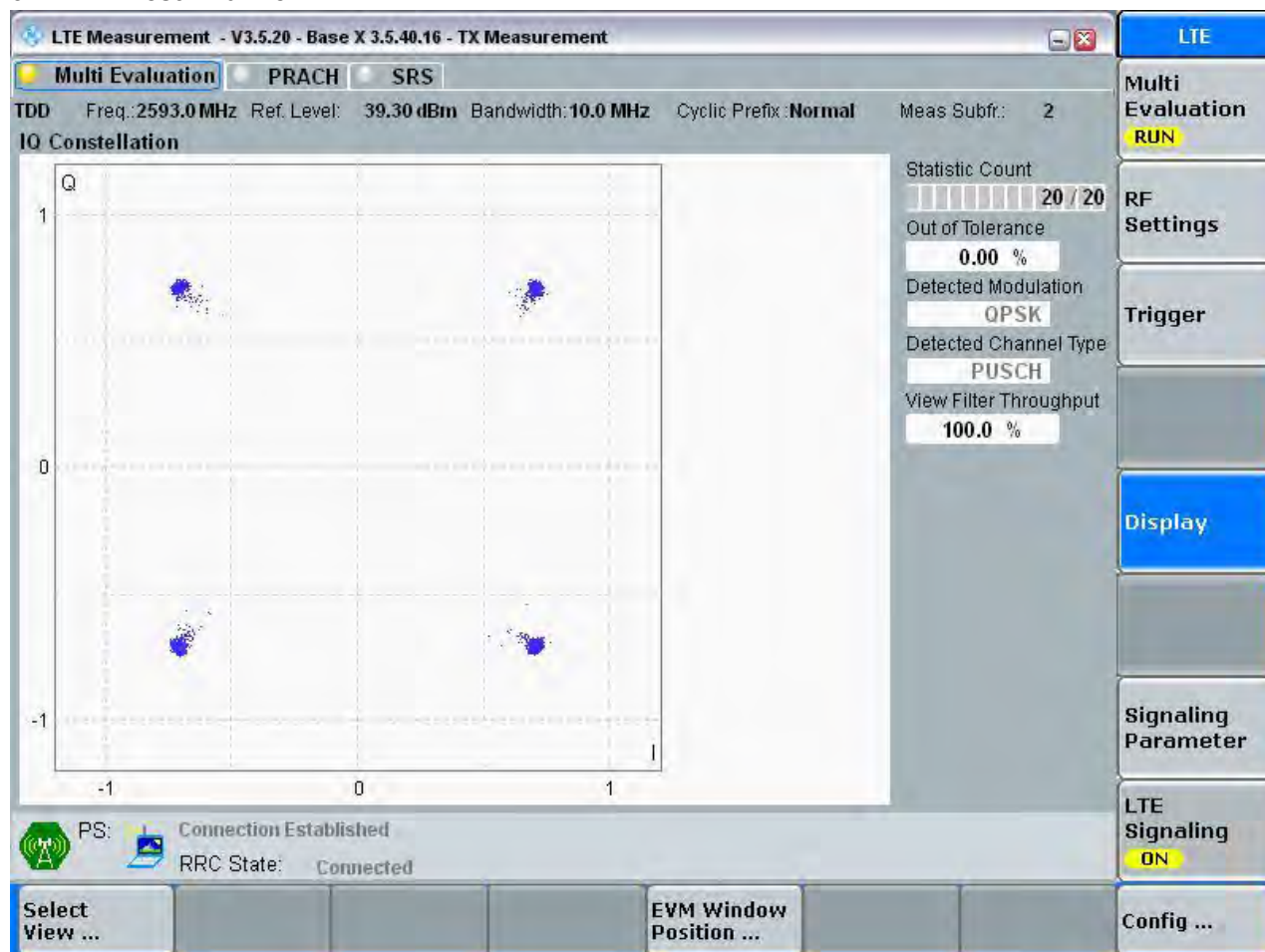
3.1.1.1.1 Test Channel = MCH





3.1.1.2 Test Mode = LTE /TM1 10MHz

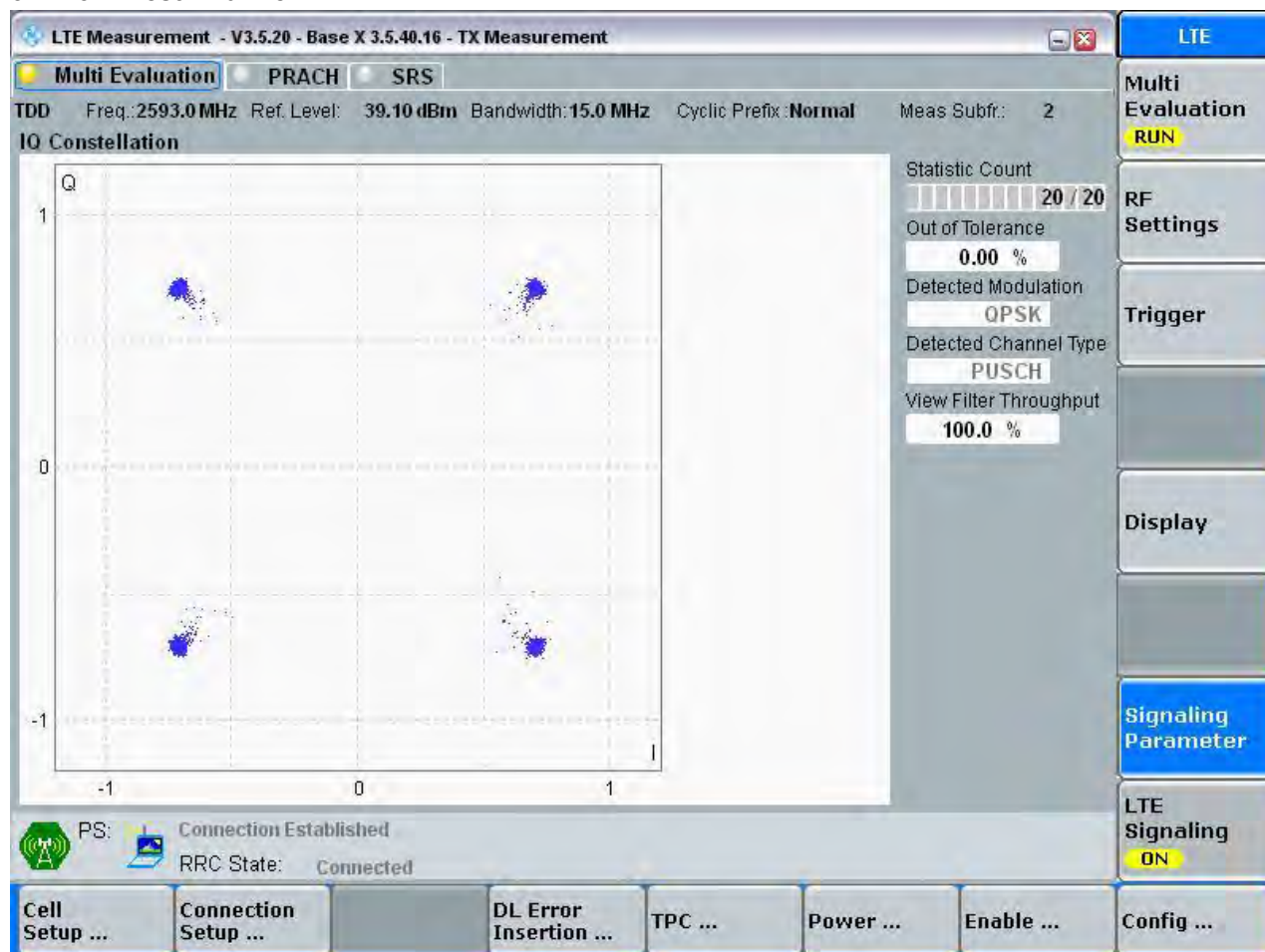
3.1.1.2.1 Test Channel = MCH





3.1.1.3 Test Mode = LTE /TM1 15MHz

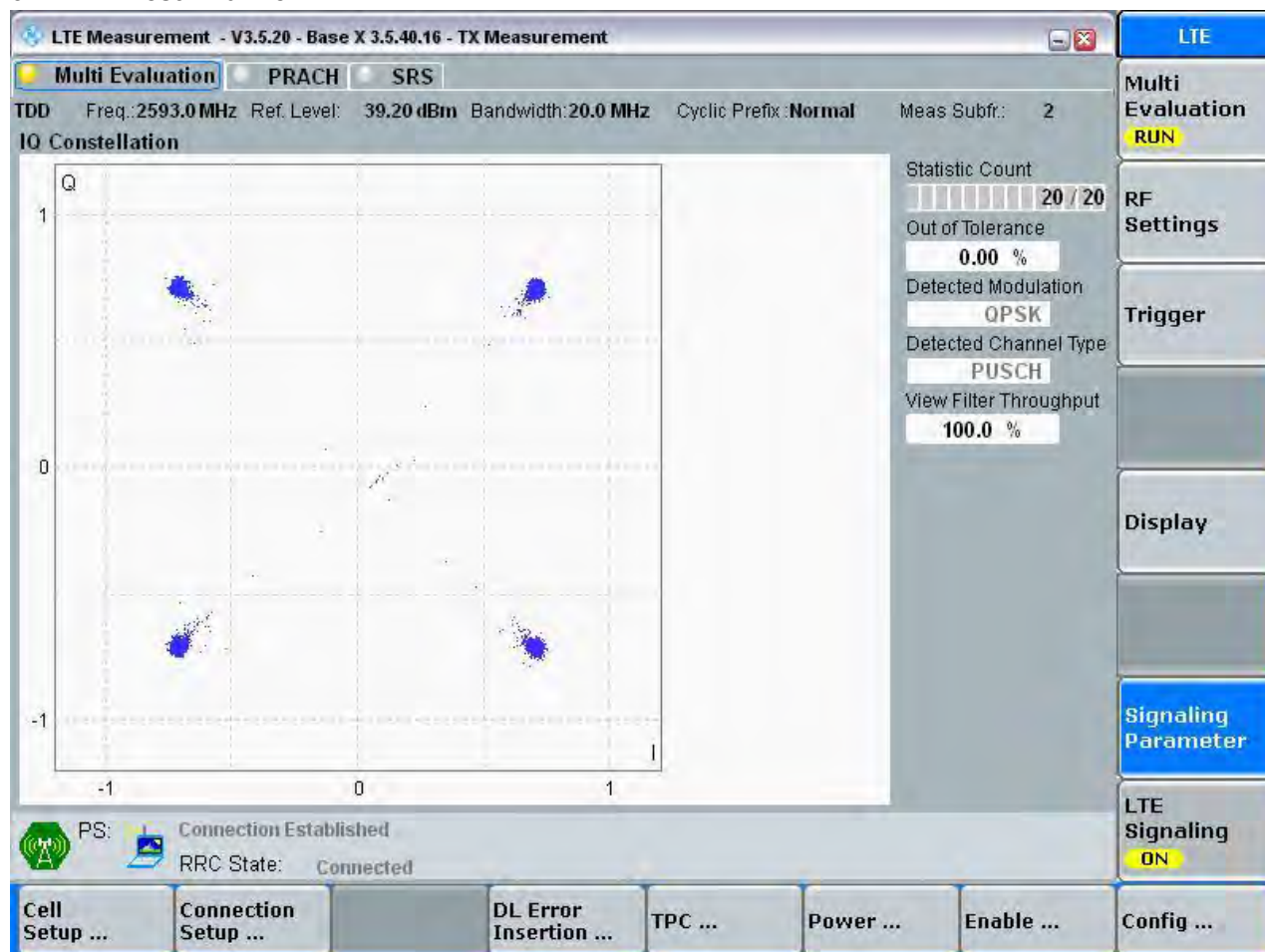
3.1.1.3.1 Test Channel = MCH





3.1.1.4 Test Mode = LTE /TM1 20MHz

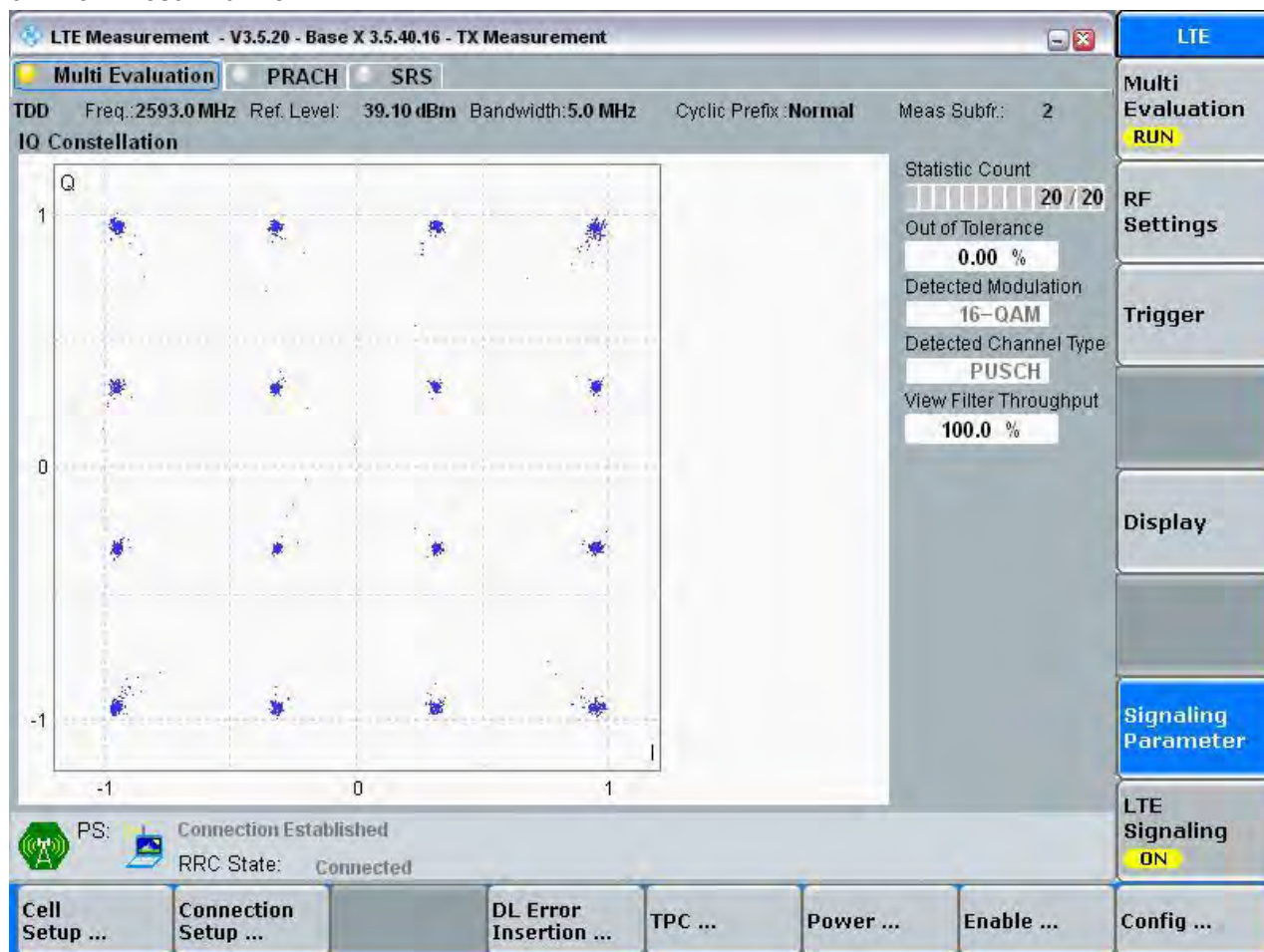
3.1.1.4.1 Test Channel = MCH





3.1.1.5 Test Mode = LTE /TM2 5MHz

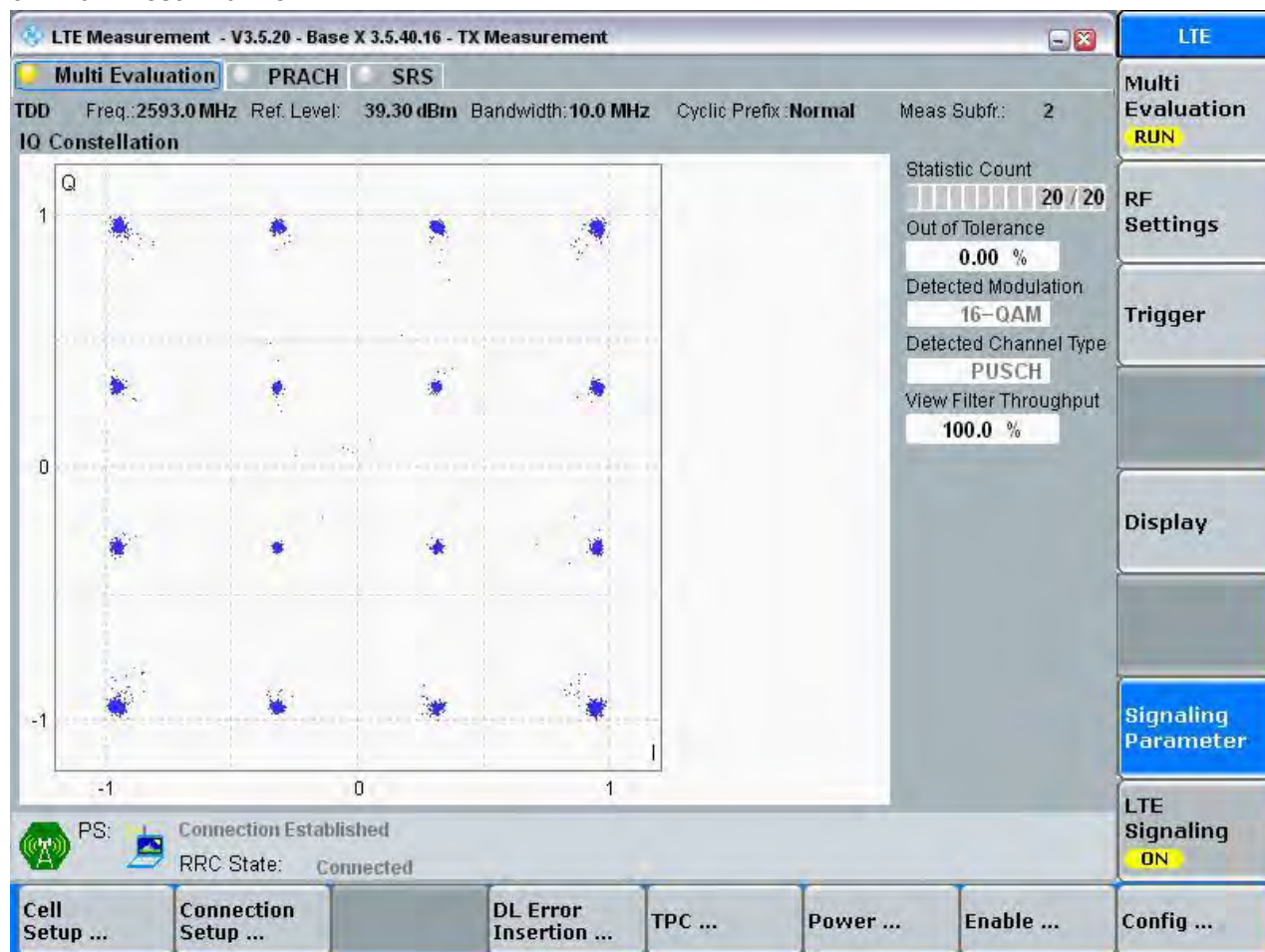
3.1.1.5.1 Test Channel = MCH





3.1.1.6 Test Mode = LTE /TM2 10MHz

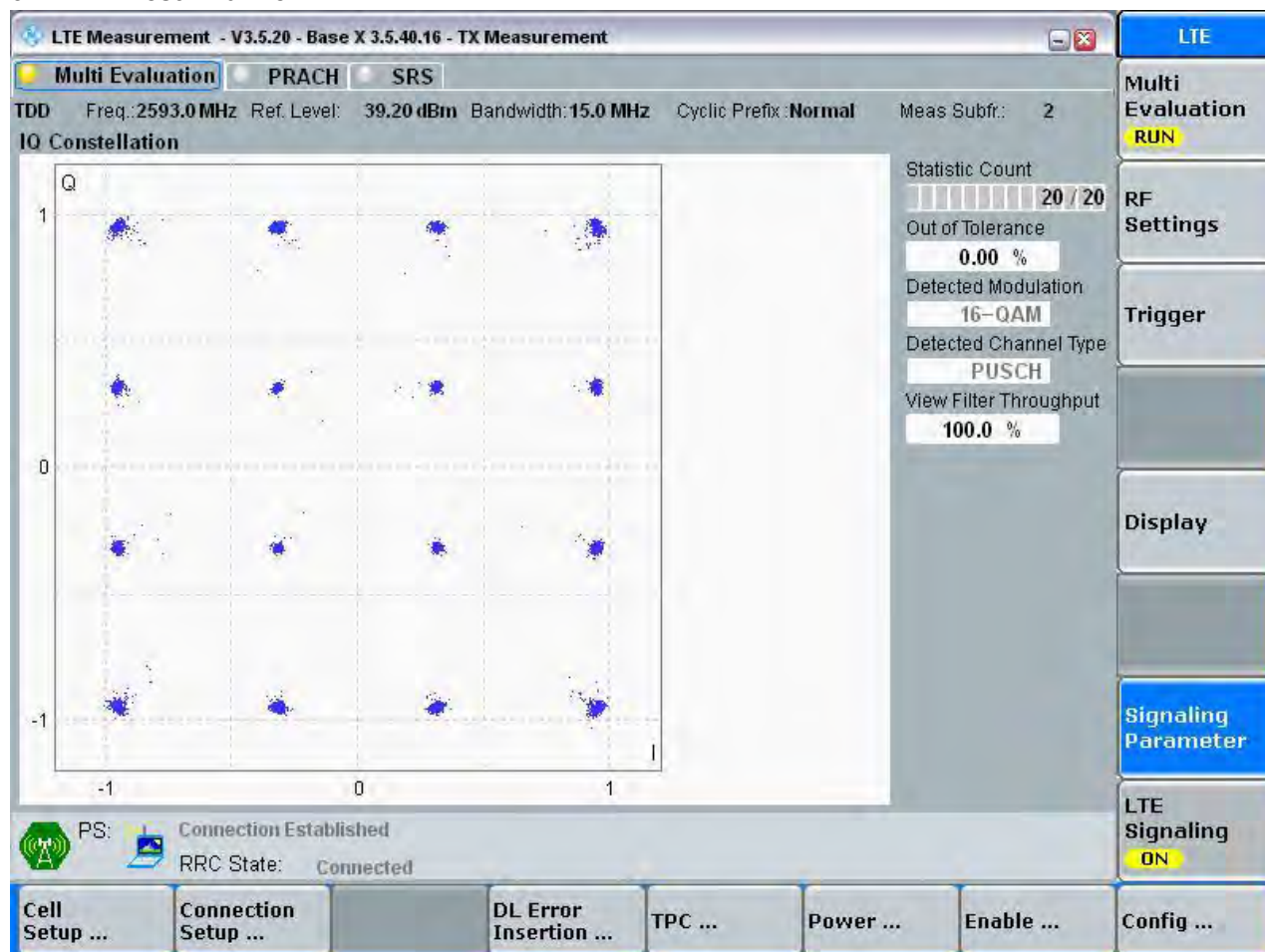
3.1.1.6.1 Test Channel = MCH





3.1.1.7 Test Mode = LTE /TM2 15MHz

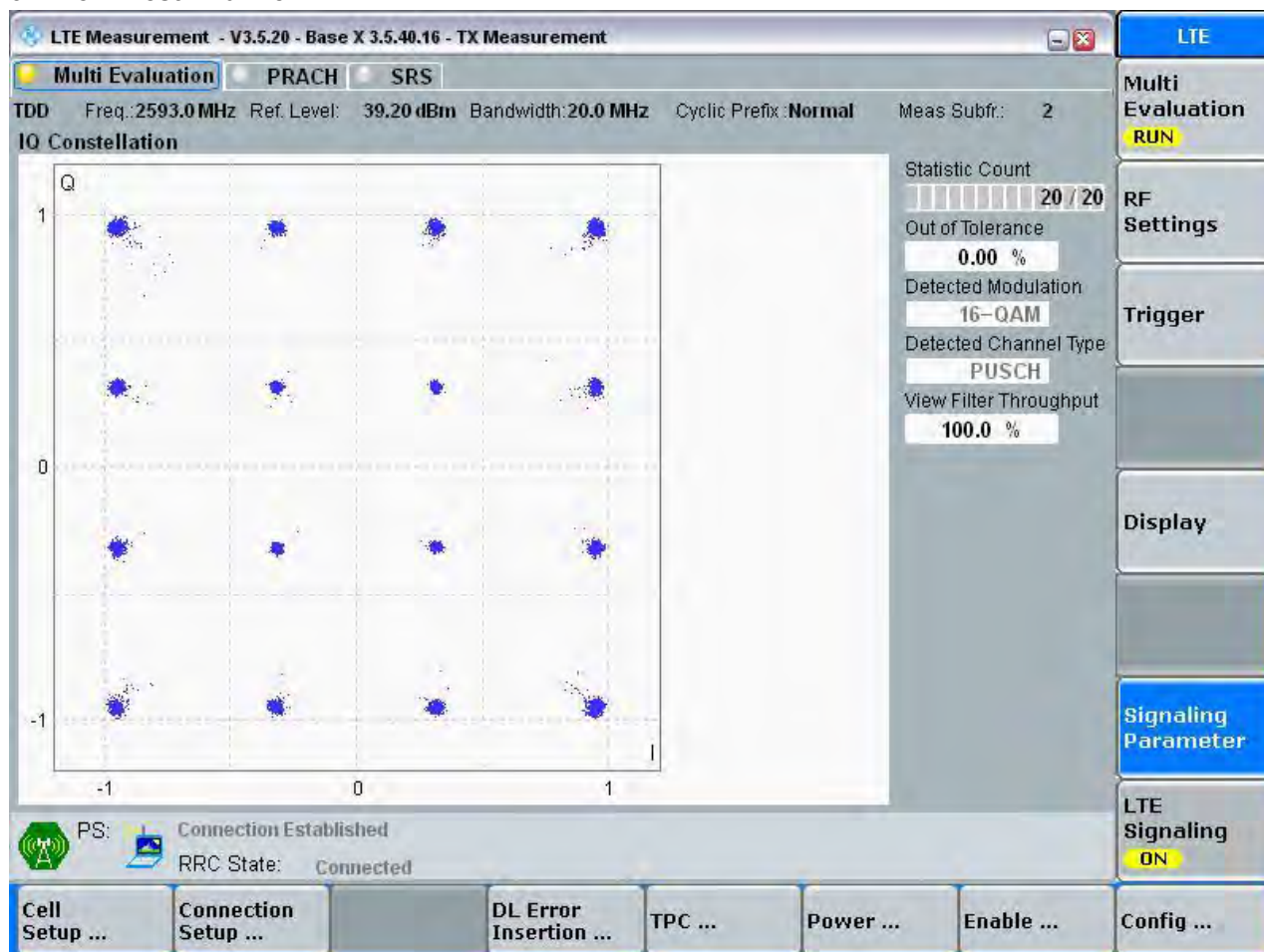
3.1.1.7.1 Test Channel = MCH





3.1.1.8 Test Mode = LTE /TM2 20MHz

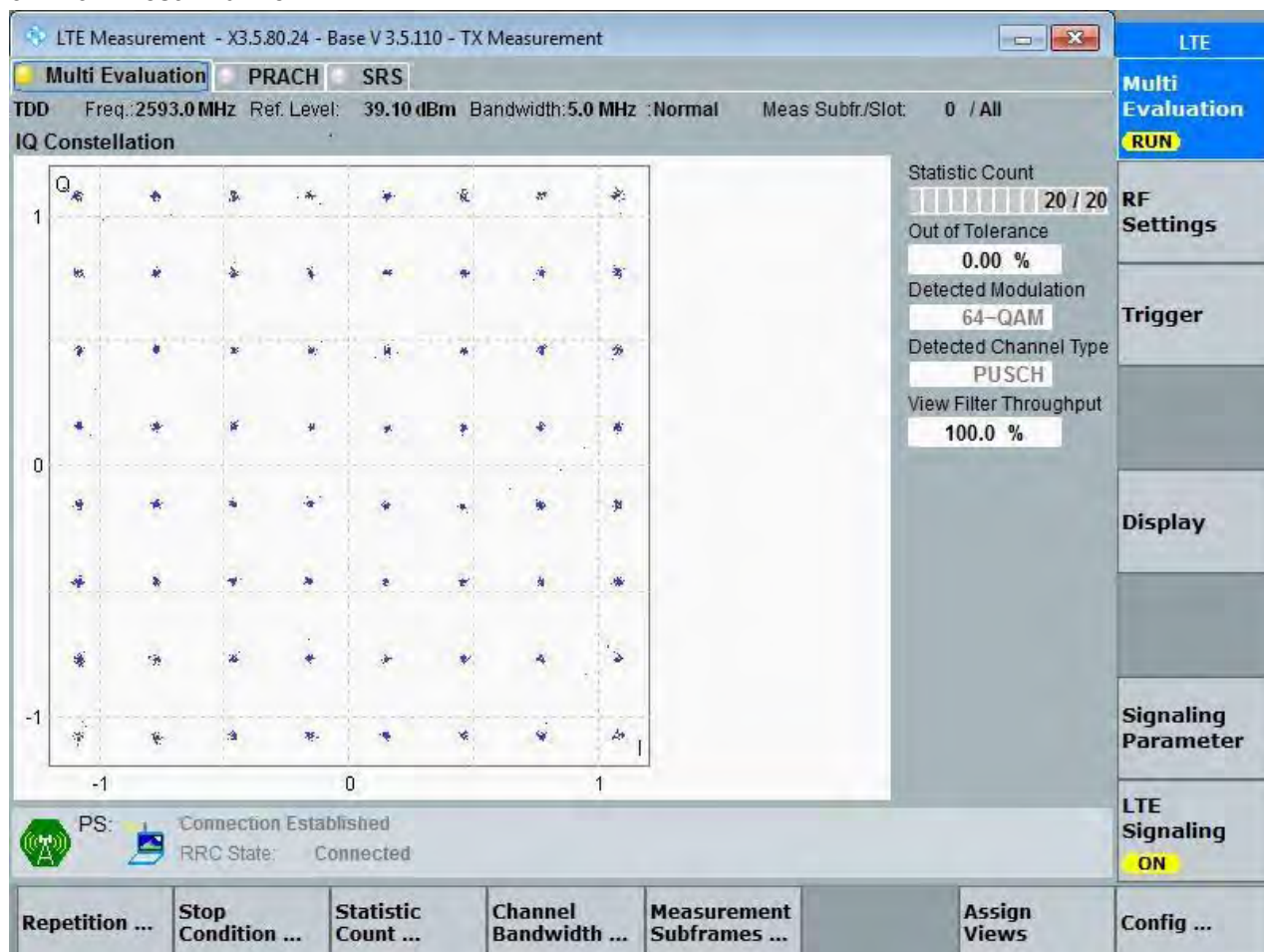
3.1.1.8.1 Test Channel = MCH





3.1.1.9 Test Mode = LTE /TM3 5MHz

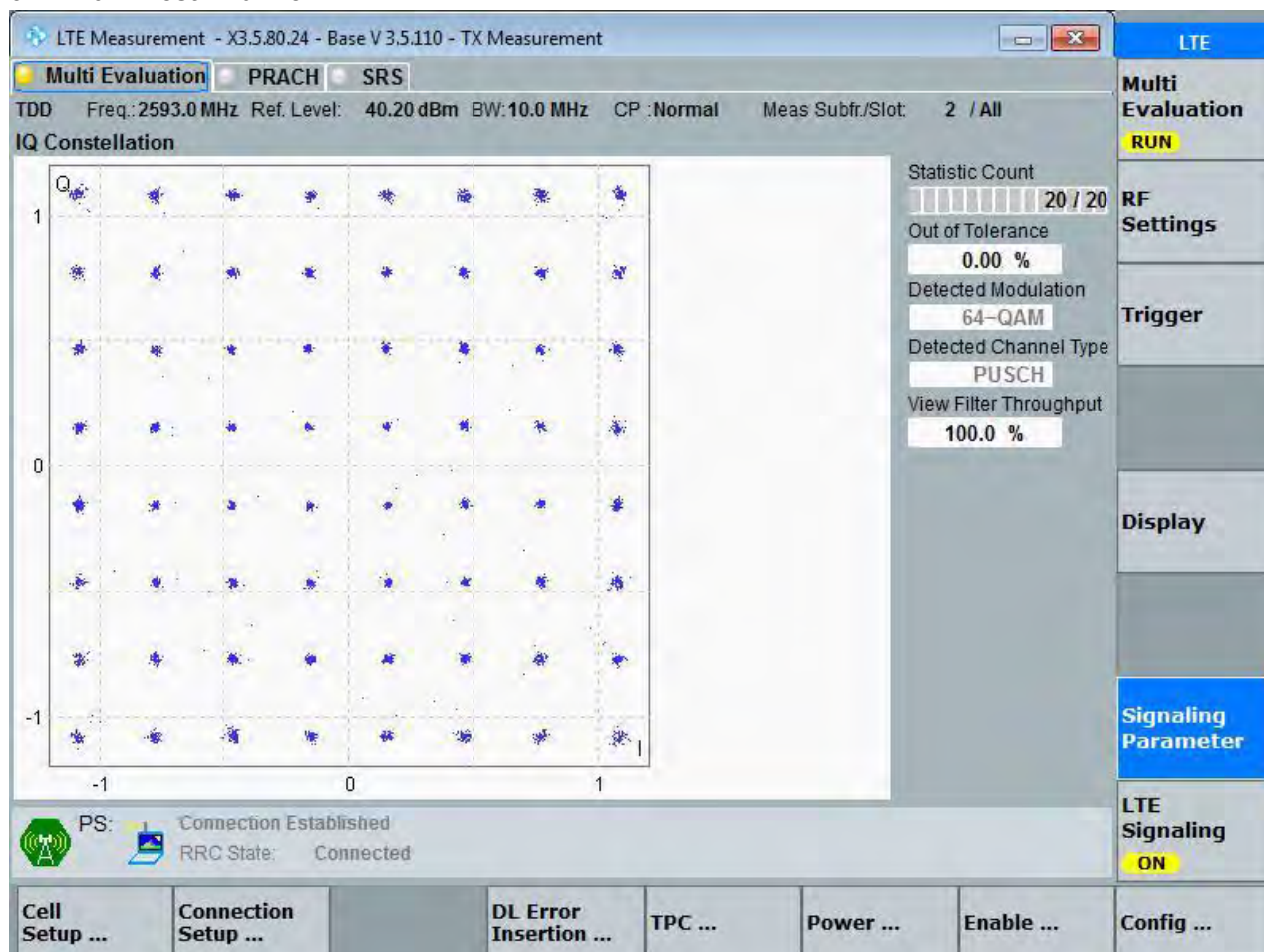
3.1.1.9.1 Test Channel = MCH





3.1.1.10 Test Mode = LTE /TM3 10MHz

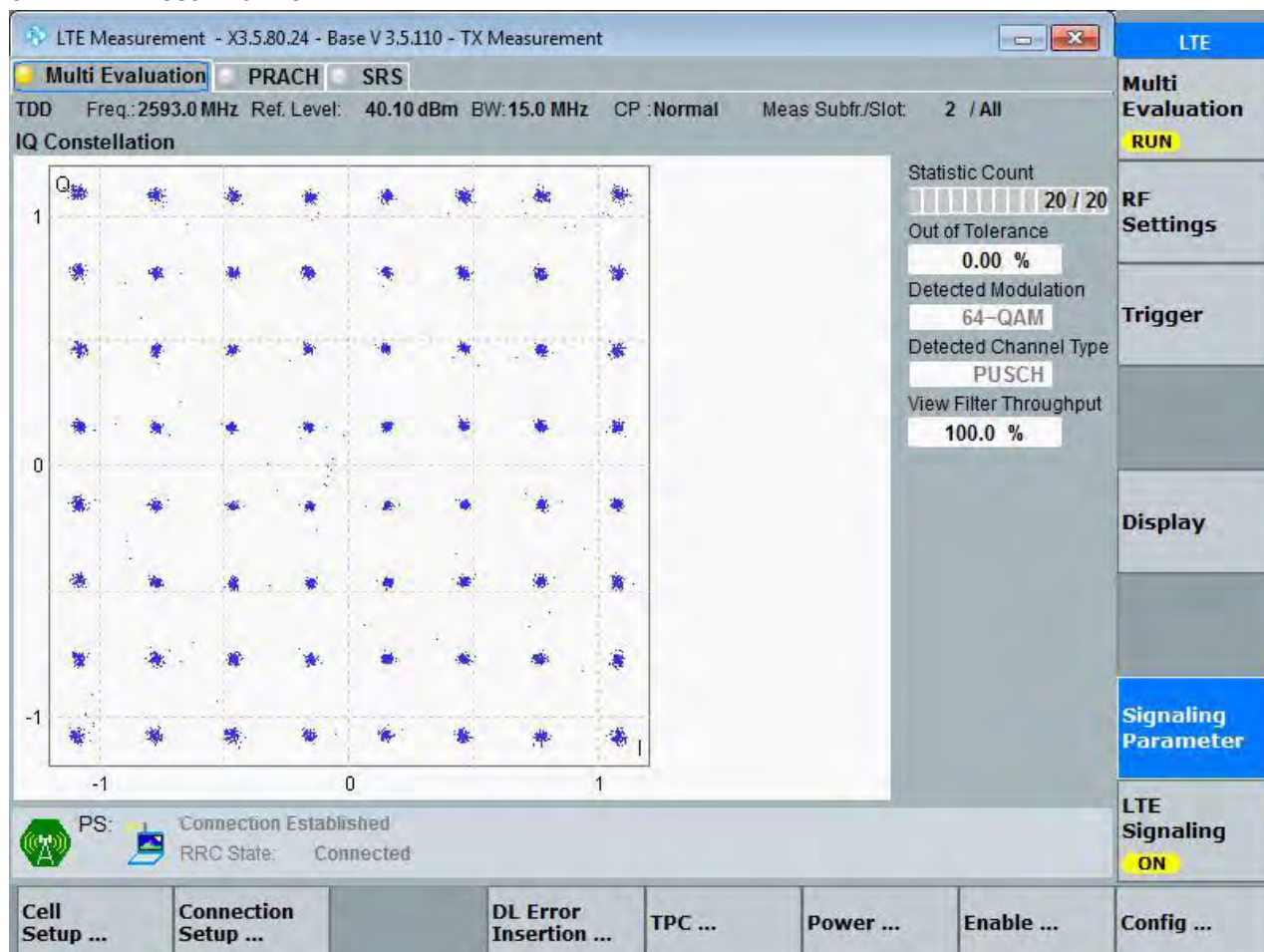
3.1.1.10.1 Test Channel = MCH





3.1.1.11 Test Mode = LTE /TM3 15MHz

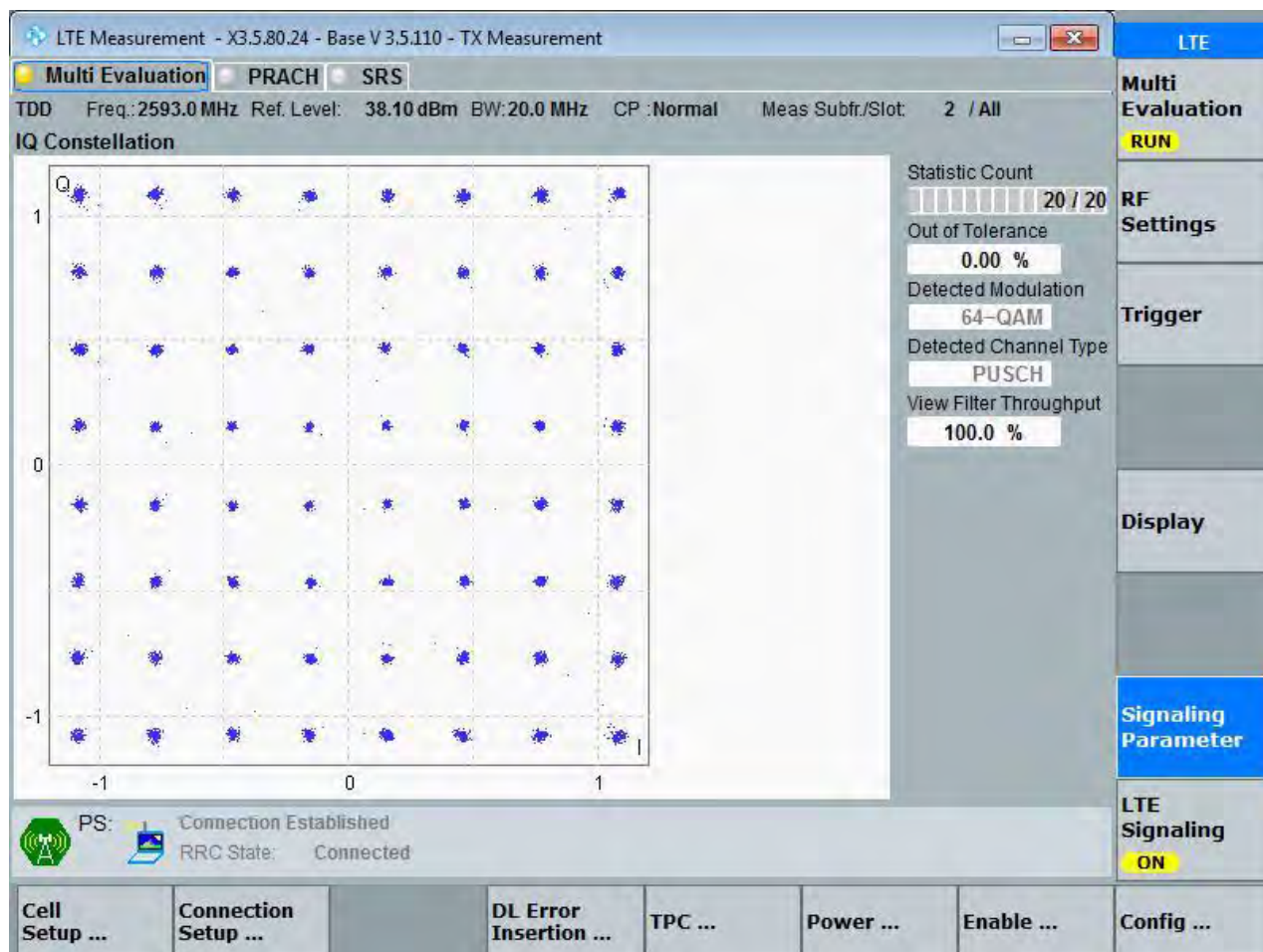
3.1.1.11.1 Test Channel = MCH





3.1.1.12 Test Mode = LTE /TM3 20MHz

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 41	TM1/5MHz	LCH	4.47	4.88	PASS
		MCH	4.46	4.87	PASS
		HCH	4.47	4.88	PASS
	TM2/5MHz	LCH	4.46	4.86	PASS
		MCH	4.46	4.85	PASS
		HCH	4.46	4.86	PASS
	TM3/5MHz	LCH	4.46	4.82	PASS
		MCH	4.46	4.82	PASS
		HCH	4.46	4.82	PASS
	TM1/10MHz	LCH	8.93	9.55	PASS
		MCH	8.91	9.51	PASS
		HCH	8.91	9.55	PASS
	TM2/10MHz	LCH	8.91	9.54	PASS
		MCH	8.93	9.52	PASS
		HCH	8.91	9.53	PASS
	TM3/10MHz	LCH	8.95	9.67	PASS
		MCH	8.96	9.64	PASS
		HCH	8.93	9.63	PASS
	TM1/15MHz	LCH	13.42	14.49	PASS
		MCH	13.39	14.51	PASS
		HCH	13.38	14.51	PASS
	TM2/15MHz	LCH	13.43	14.56	PASS
		MCH	13.41	14.44	PASS
		HCH	13.43	14.52	PASS
	TM3/15MHz	LCH	13.40	14.57	PASS
		MCH	13.40	14.48	PASS
		HCH	13.44	14.60	PASS
	TM1/20MHz	LCH	17.87	19.43	PASS
		MCH	17.91	19.21	PASS
		HCH	17.85	19.16	PASS
	TM2/20MHz	LCH	17.88	19.25	PASS
		MCH	17.85	19.24	PASS
		HCH	17.87	19.15	PASS
	TM3/20MHz	LCH	17.96	19.51	PASS

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Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		MCH	17.97	19.56	PASS
		HCH	17.93	19.31	PASS

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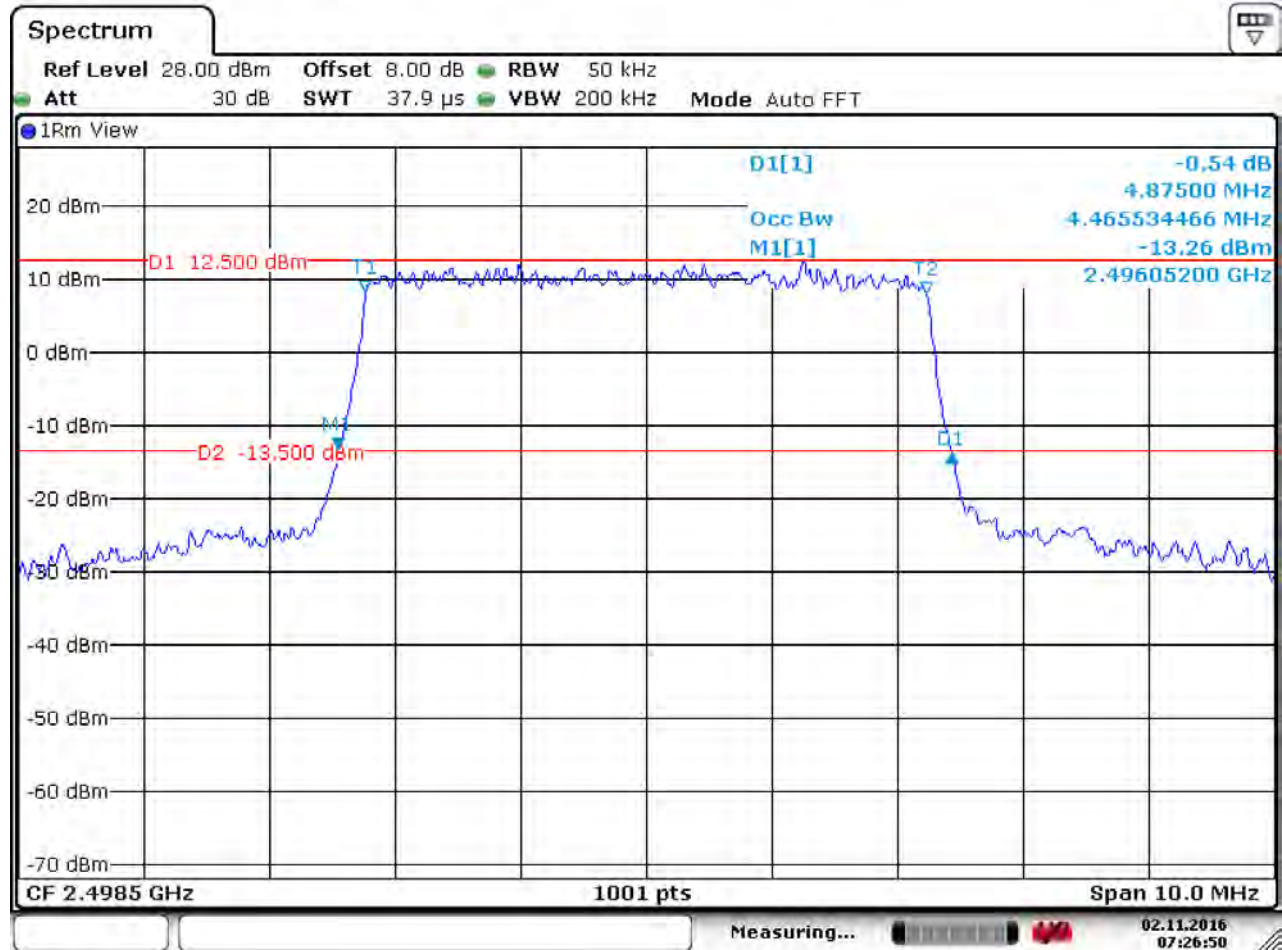


4.1 For LTE

4.1.1 Test Band = LTE band41

4.1.1.1 Test Mode = LTE/TM1 5MHz

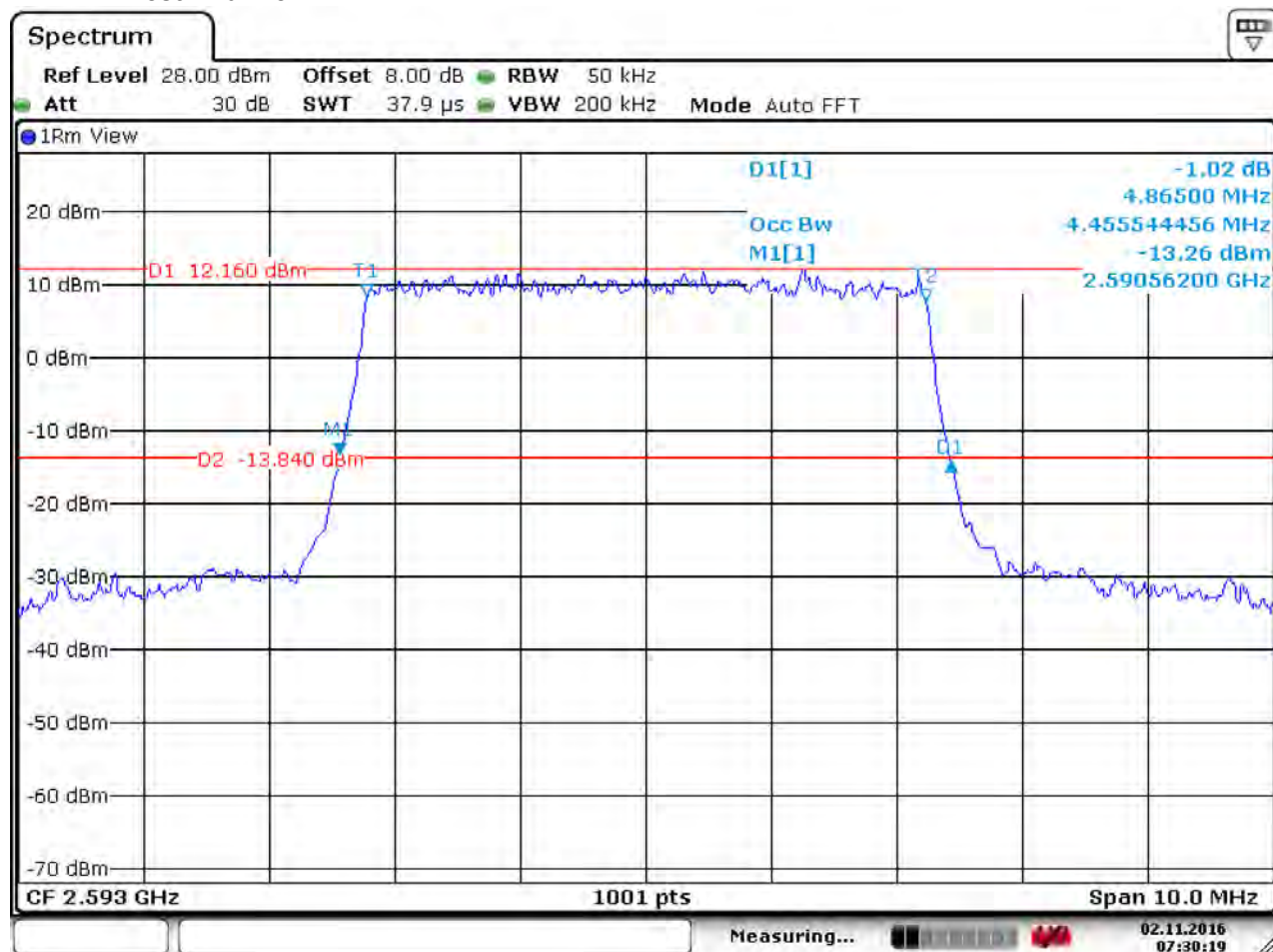
4.1.1.1.1 Test Channel = LCH



Date: 2.NOV.2016 07:26:51



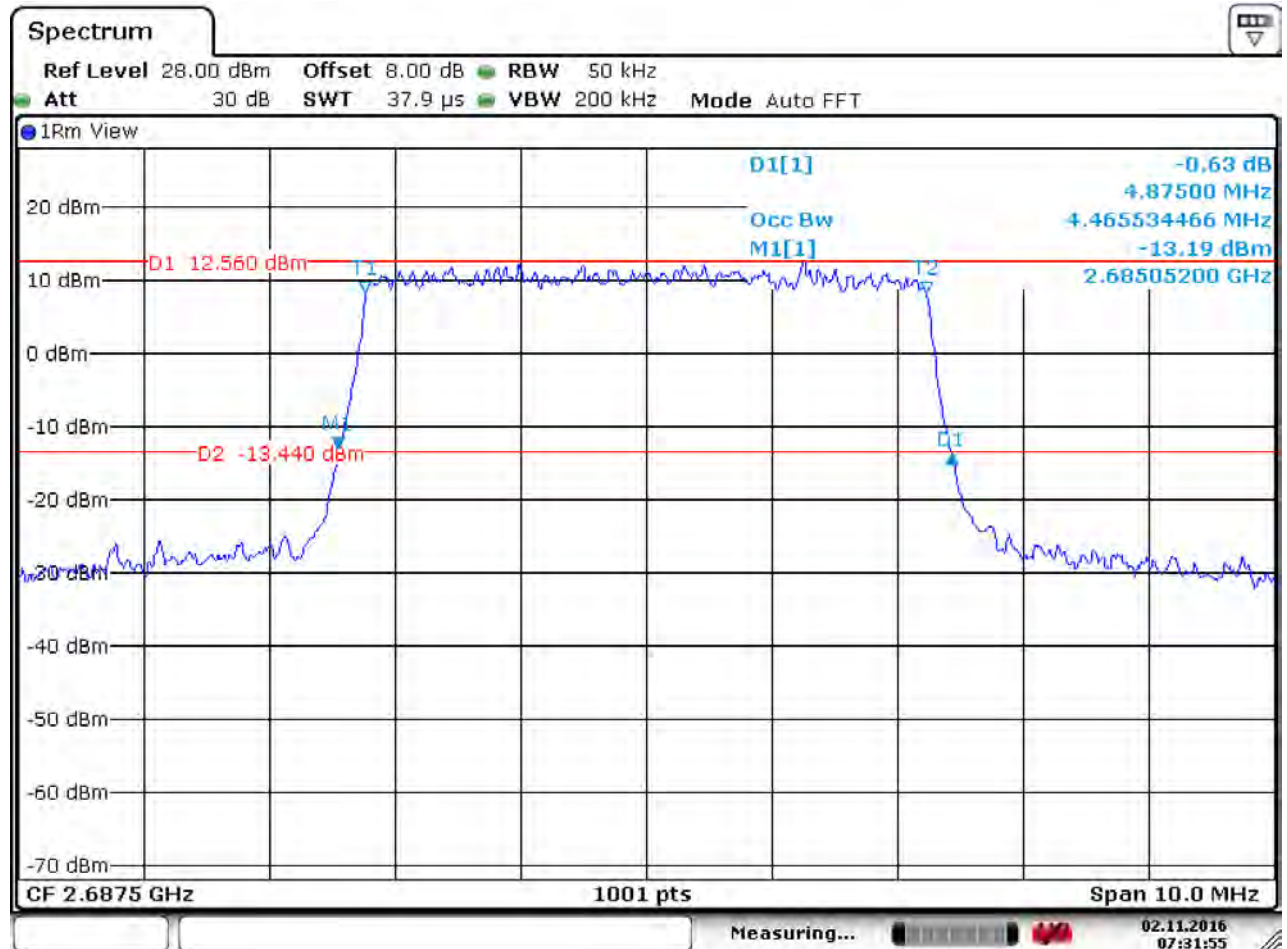
4.1.1.1.2 Test Channel = MCH



Date: 2.NOV.2016 07:30:19



4.1.1.1.3 Test Channel = HCH

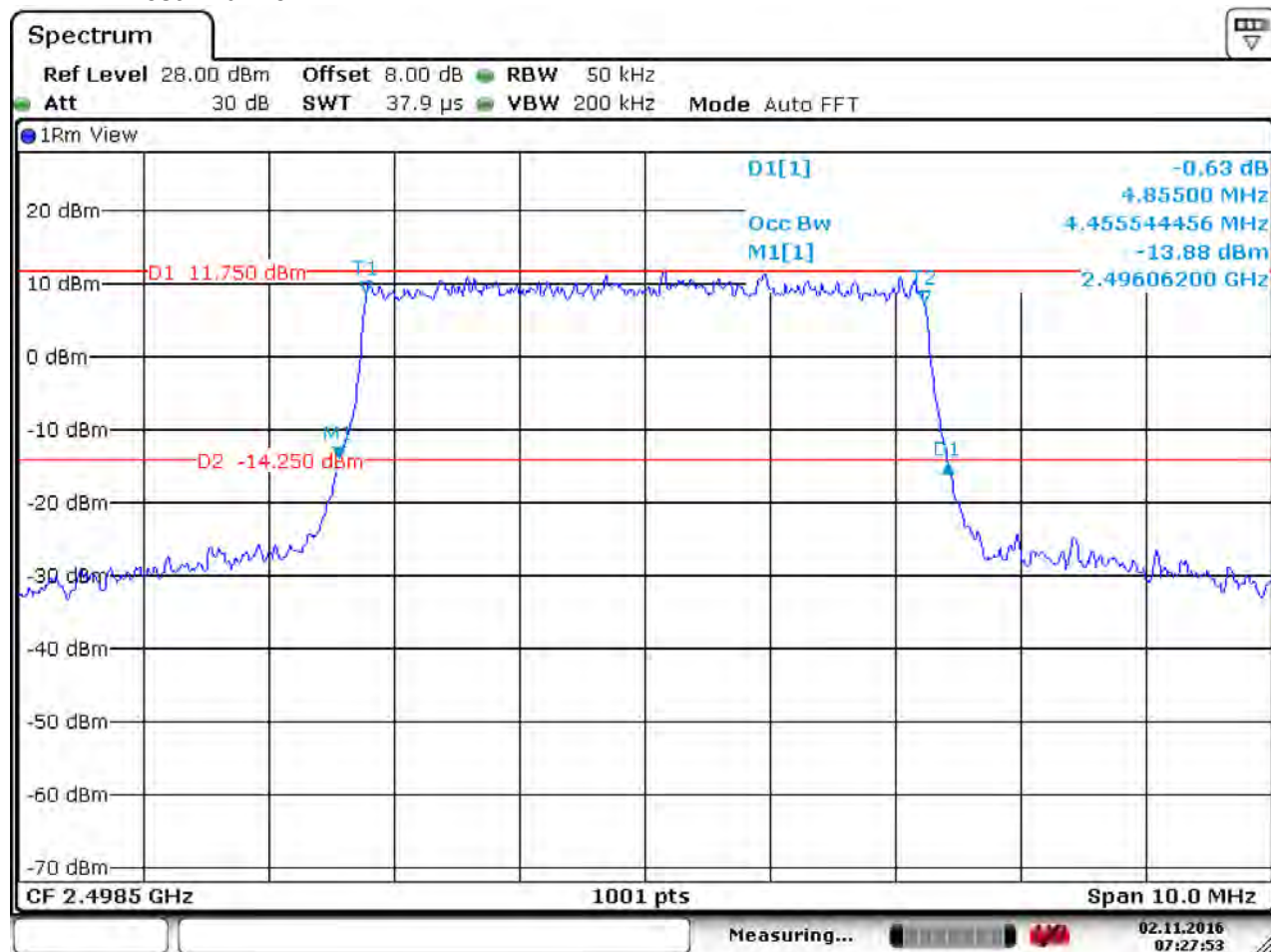


Date: 2.NOV.2016 07:31:55



4.1.1.2 Test Mode = LTE/TM2 5MHz

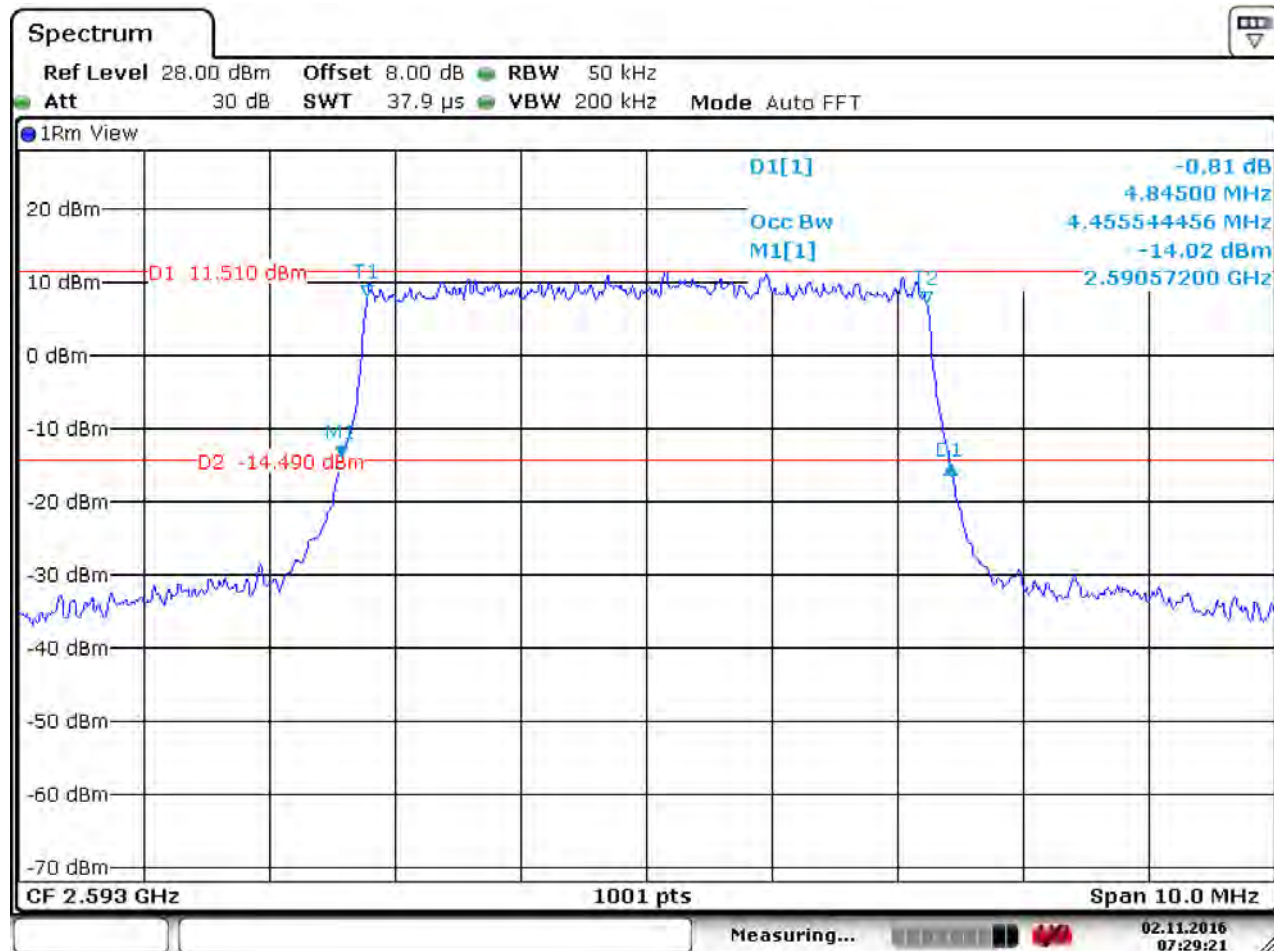
4.1.1.2.1 Test Channel = LCH



Date: 2.NOV.2016 07:27:54



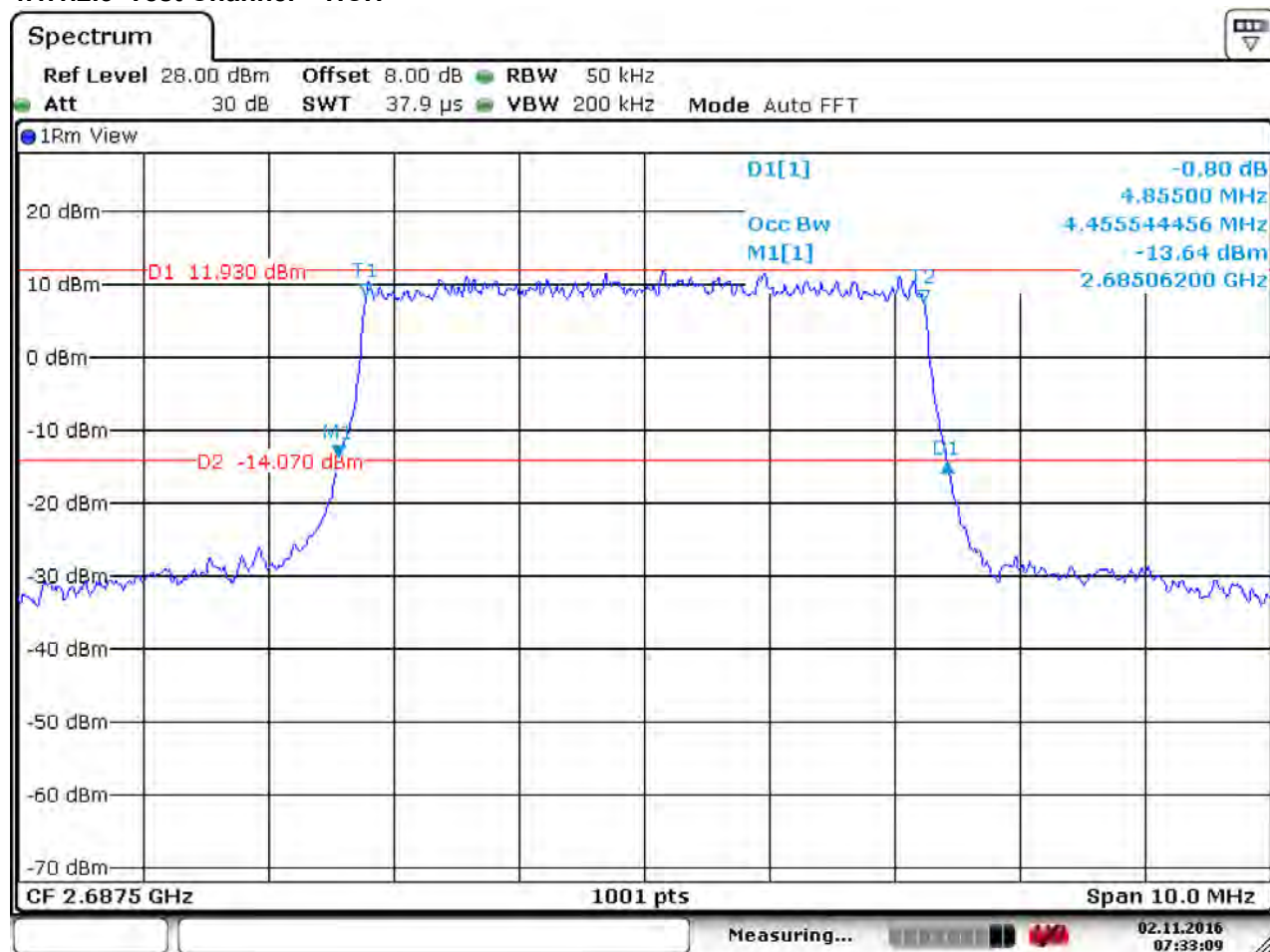
4.1.1.2.2 Test Channel = MCH



Date: 2.NOV.2016 07:29:22



4.1.1.2.3 Test Channel = HCH

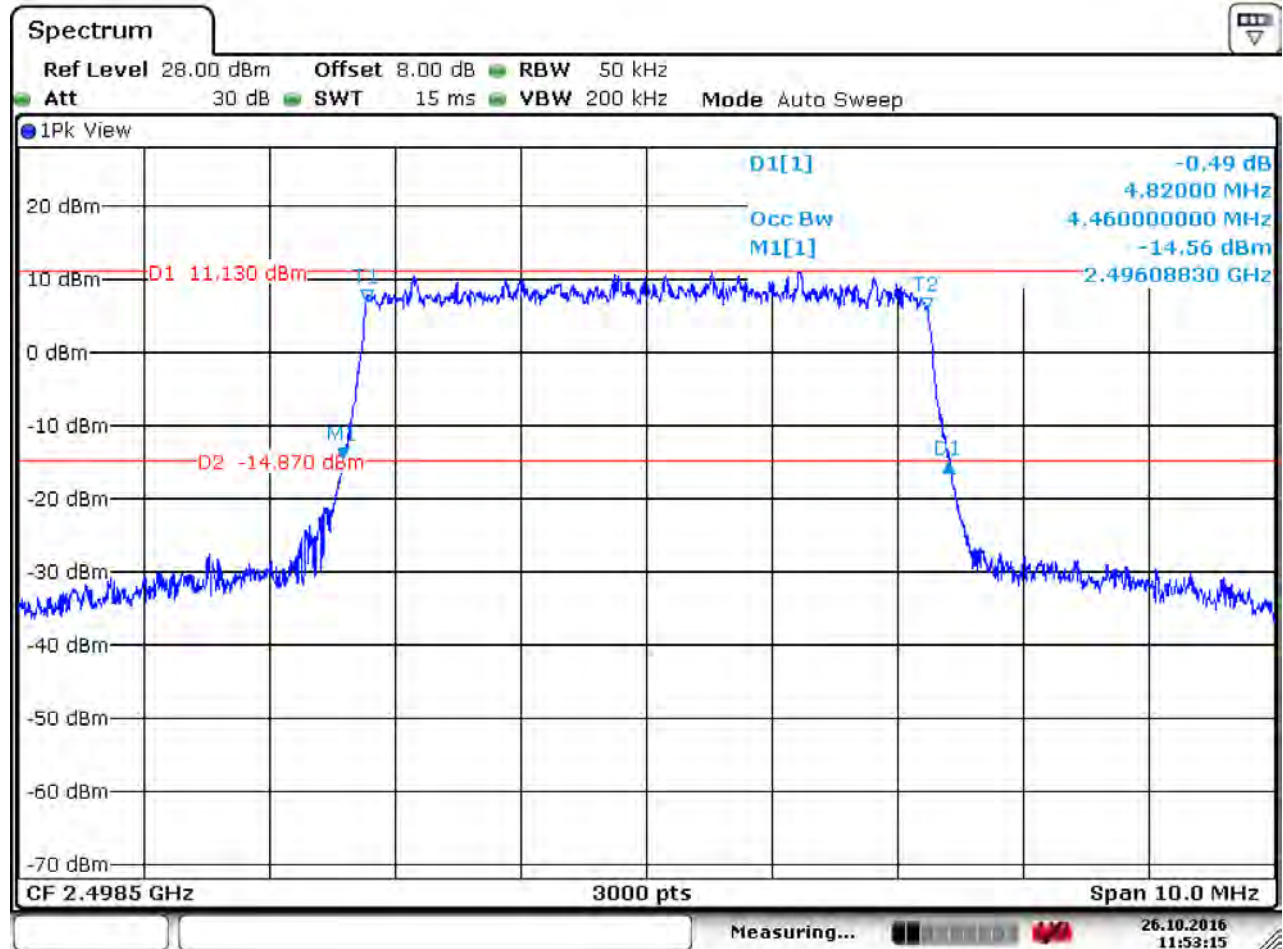


Date: 2.NOV.2016 07:33:09



4.1.1.3 Test Mode = LTE/TM3 5MHz

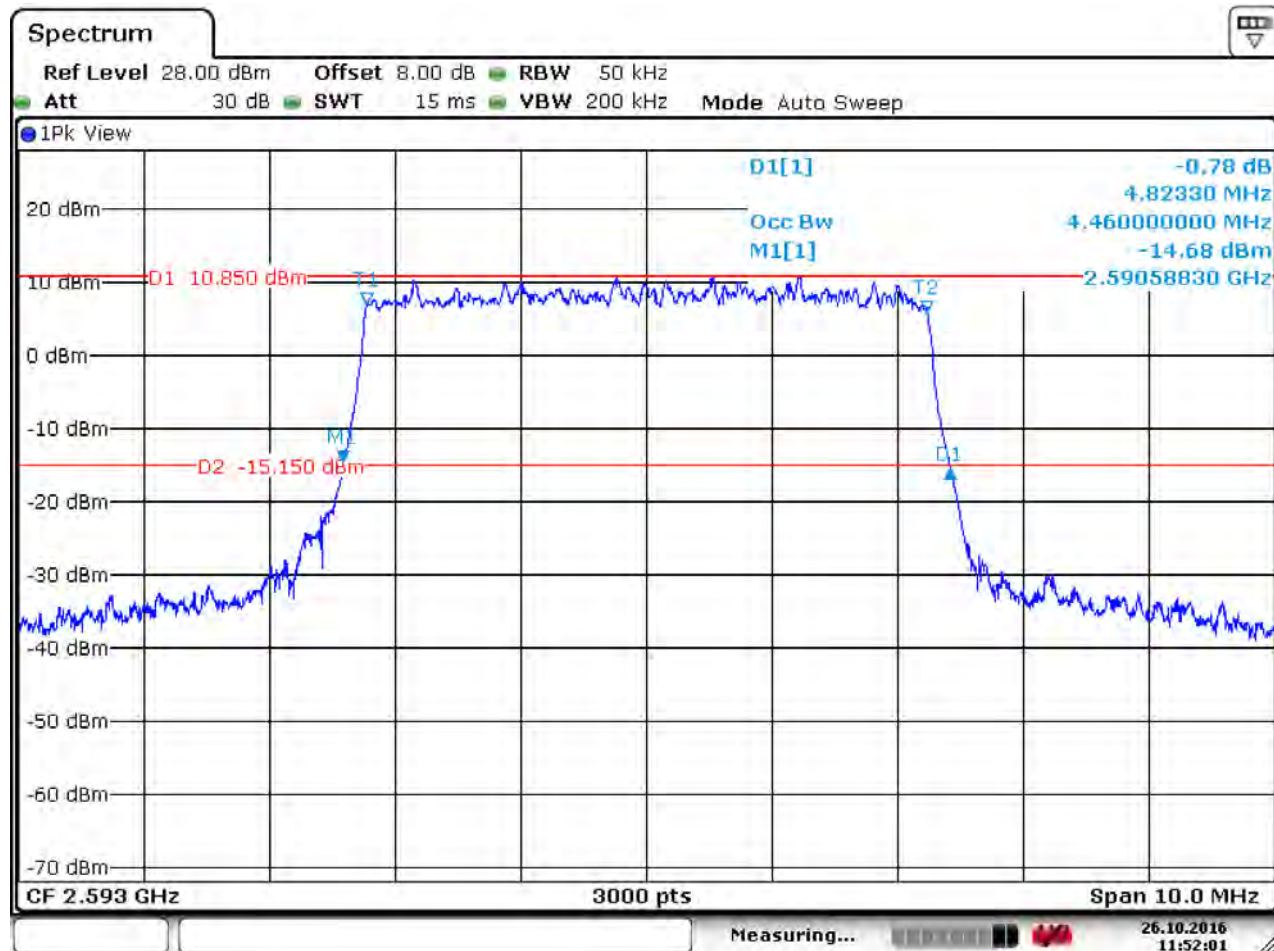
4.1.1.3.1 Test Channel = LCH



Date: 26.OCT.2016 11:53:15



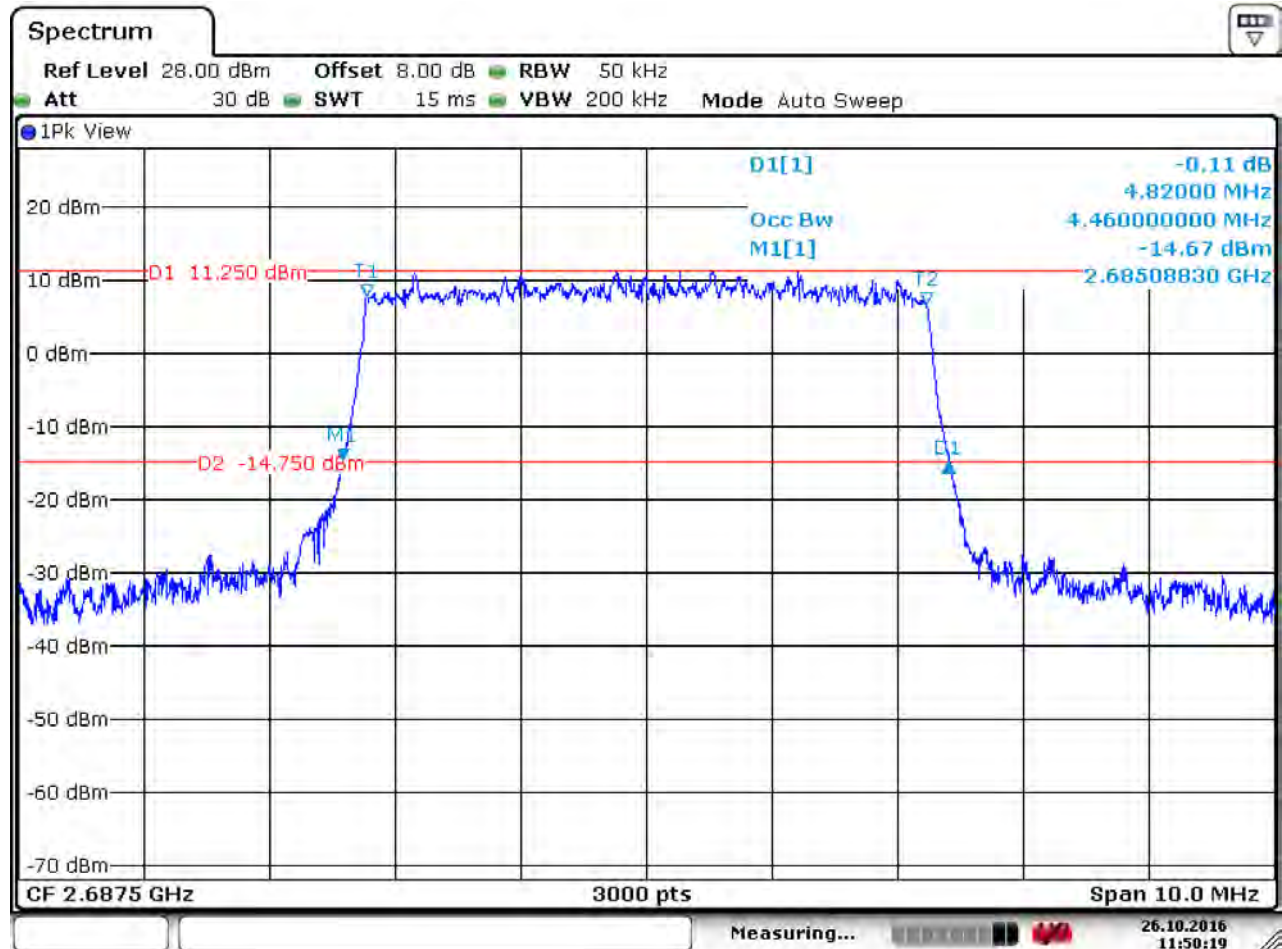
4.1.1.3.2 Test Channel = MCH



Date: 26.OCT.2016 11:52:01



4.1.1.3.3 Test Channel = HCH

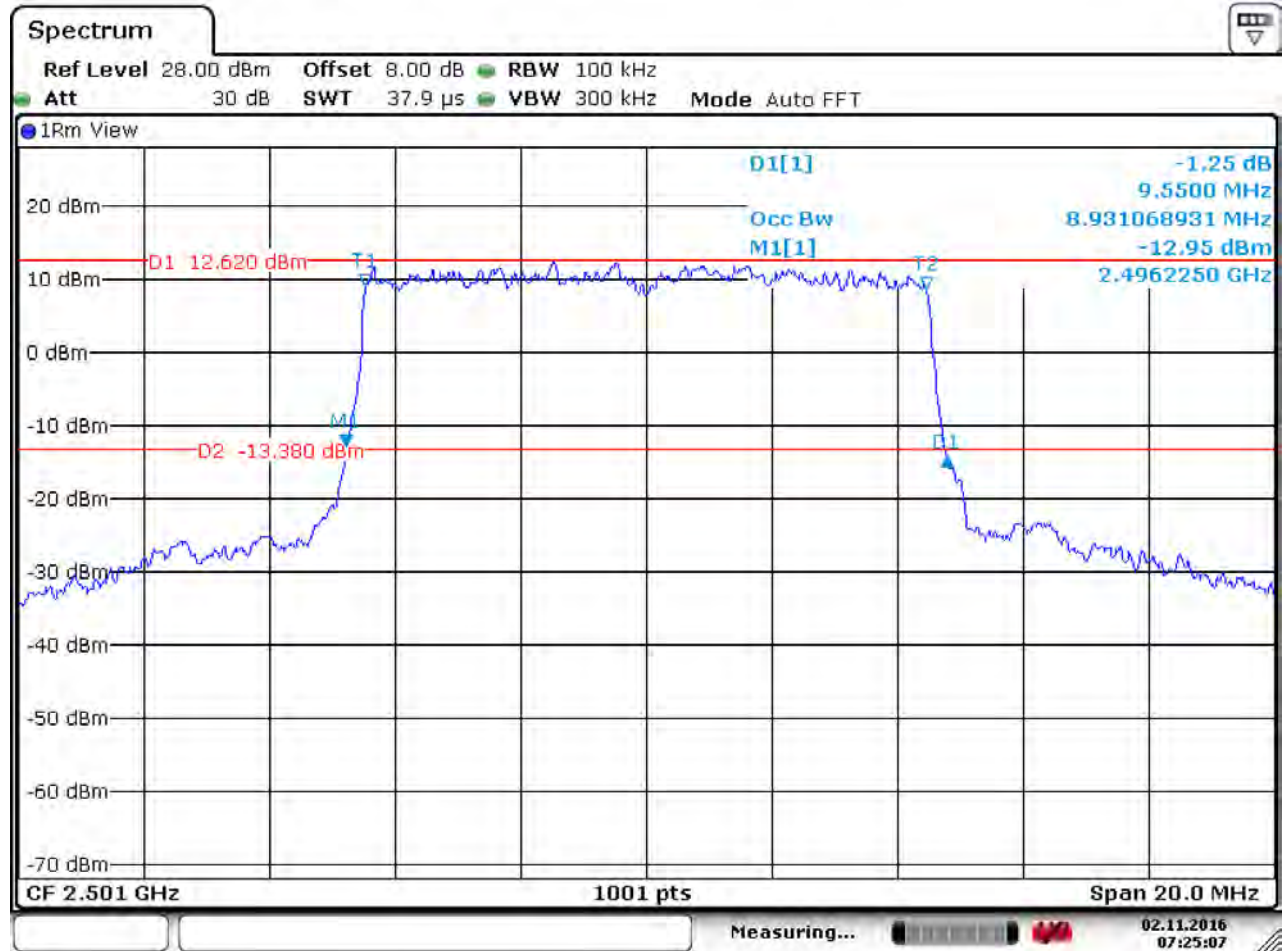


Date: 26.OCT.2016 11:50:20



4.1.1.4 Test Mode = LTE/TM1 10MHz

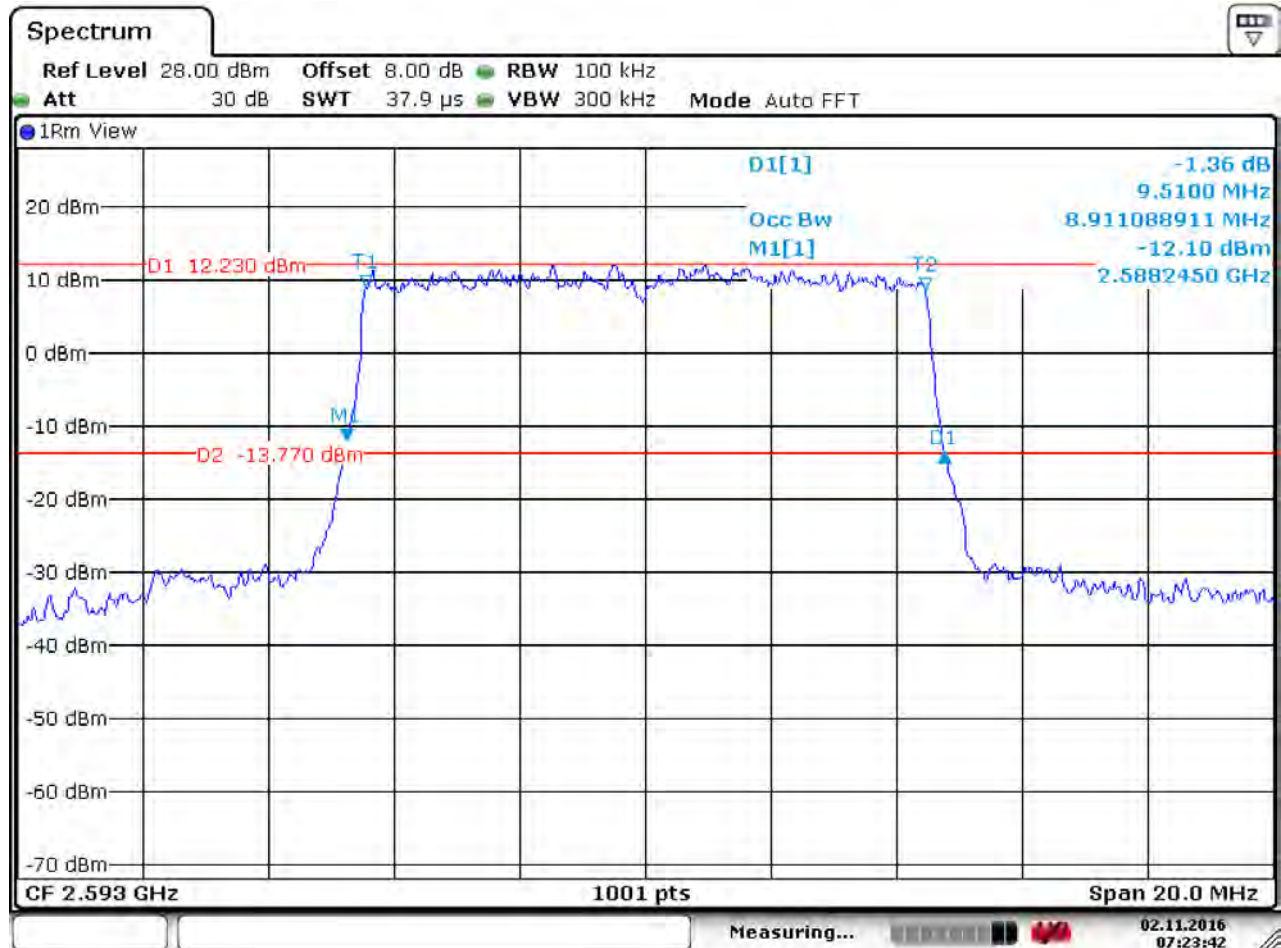
4.1.1.4.1 Test Channel = LCH



Date: 2.NOV.2016 07:25:07



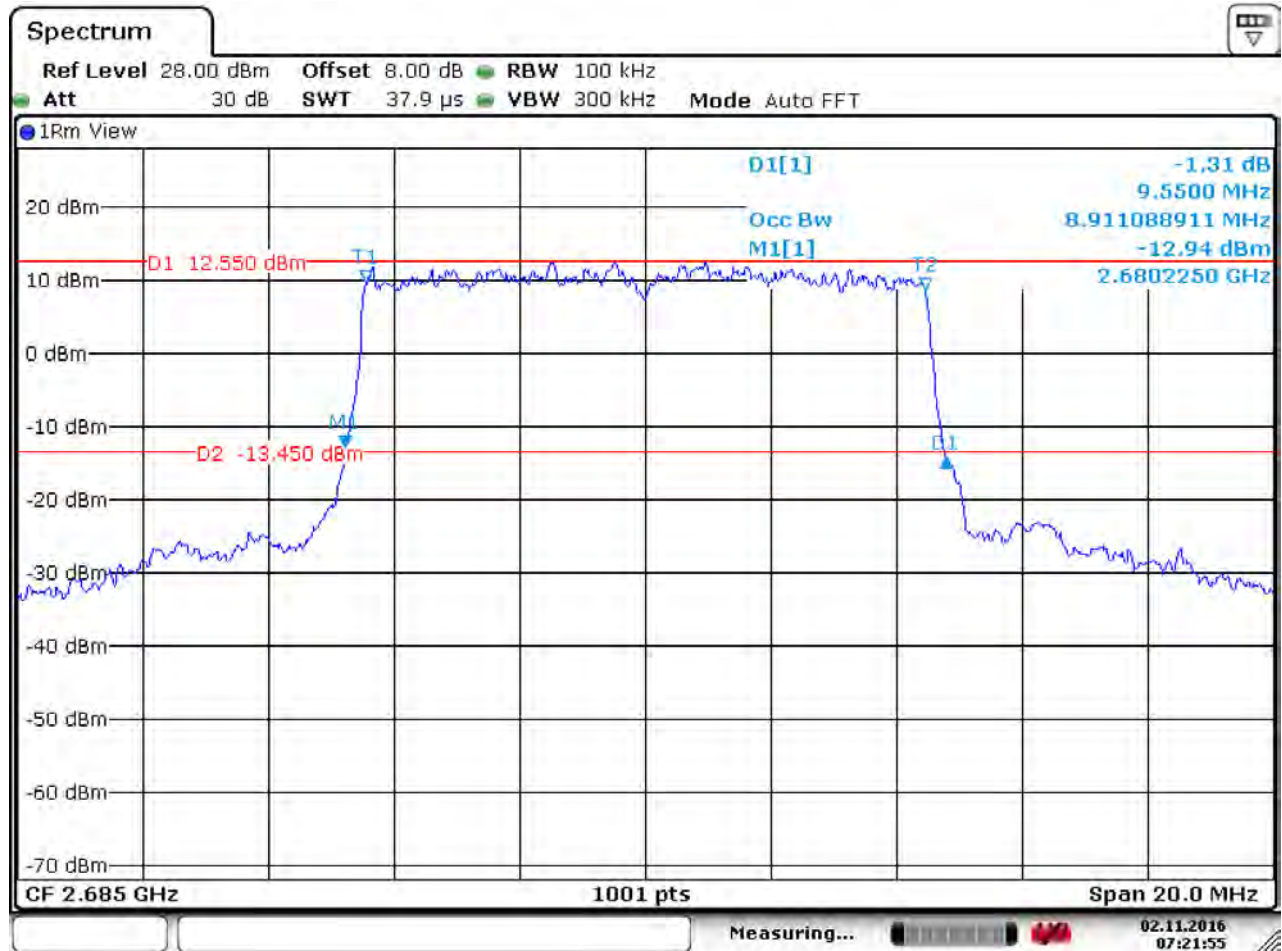
4.1.1.4.2 Test Channel = MCH



Date: 2.NOV.2016 07:23:43



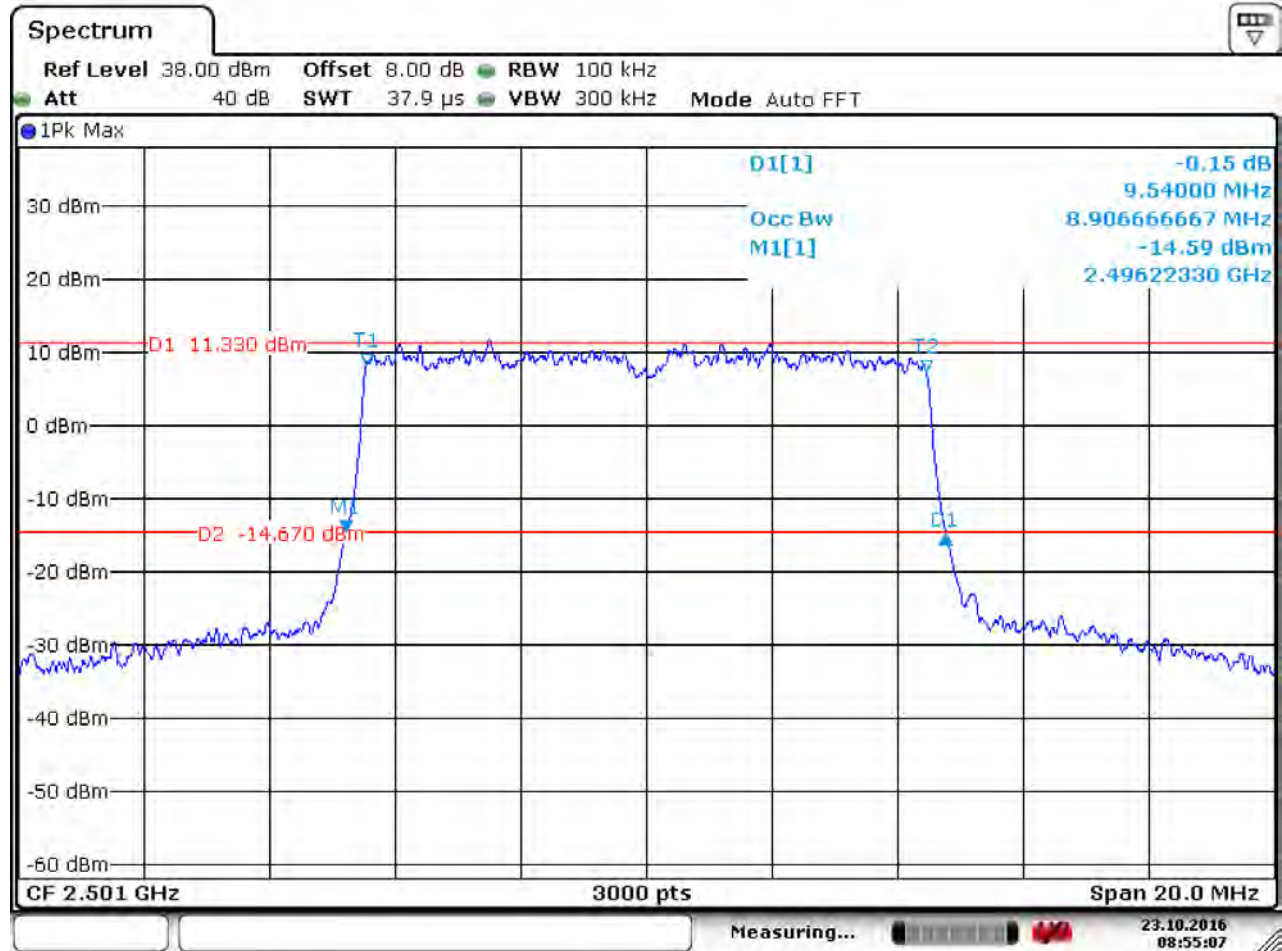
4.1.1.4.3 Test Channel = HCH



Date: 2.NOV.2016 07:21:55

4.1.1.5 Test Mode = LTE/TM2 10MHz

4.1.1.5.1 Test Channel = LCH

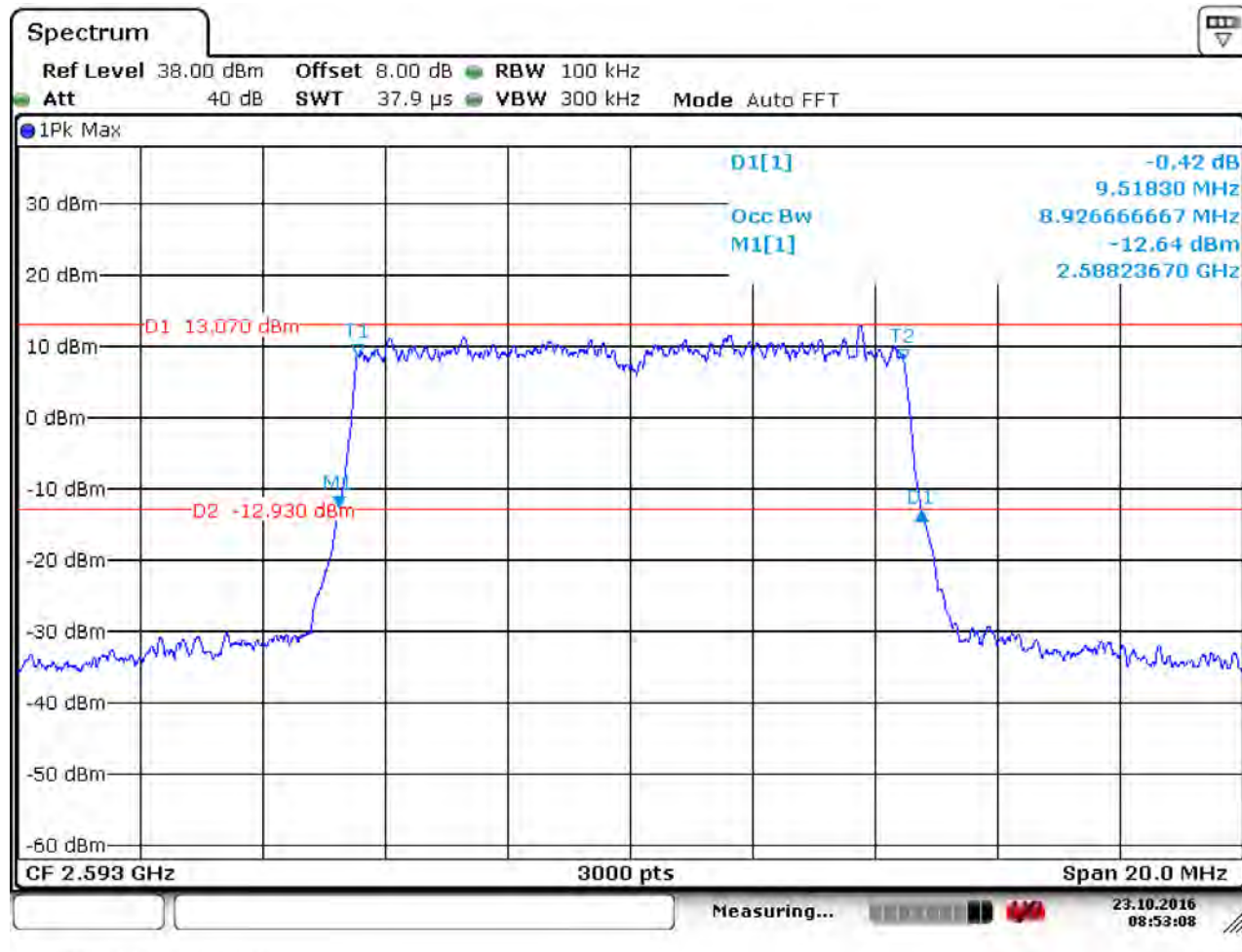


Date: 23.OCT.2016 08:55:07

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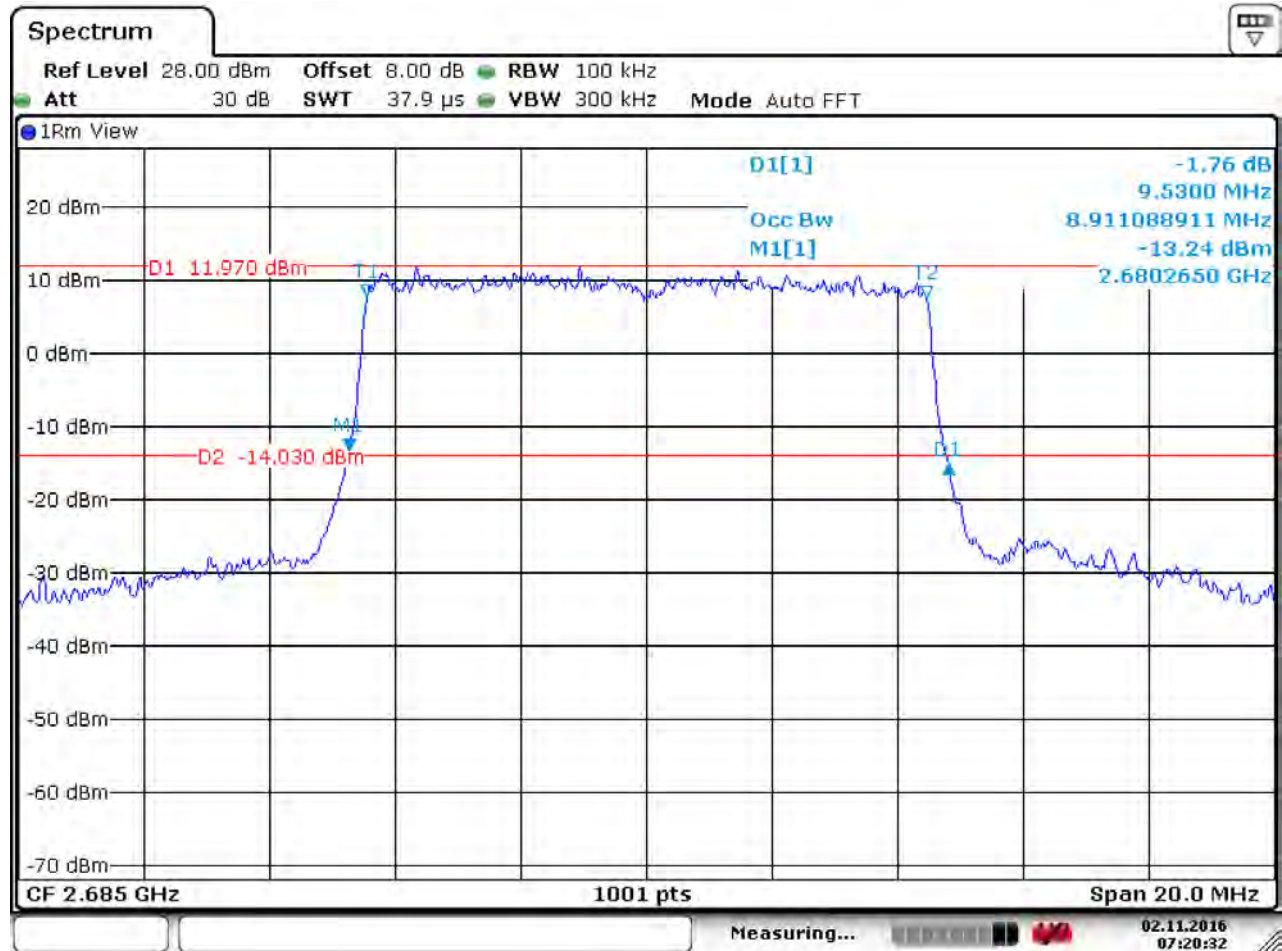
4.1.1.5.2 Test Channel = MCH



Date: 23.OCT.2016 08:53:08



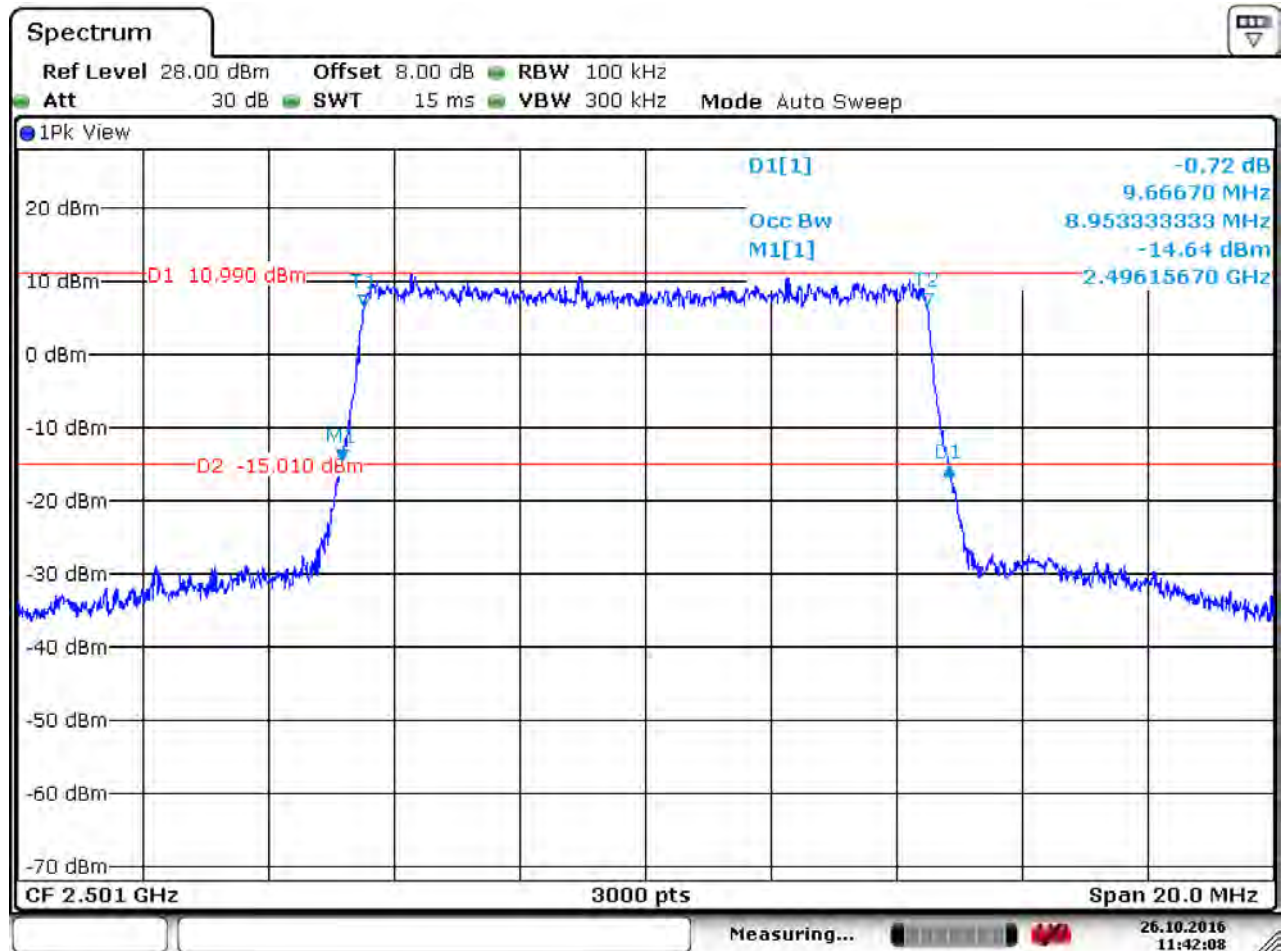
4.1.1.5.3 Test Channel = HCH



Date: 2.NOV.2016 07:20:33

4.1.1.6 Test Mode = LTE/TM3 10MHz

4.1.1.6.1 Test Channel = LCH

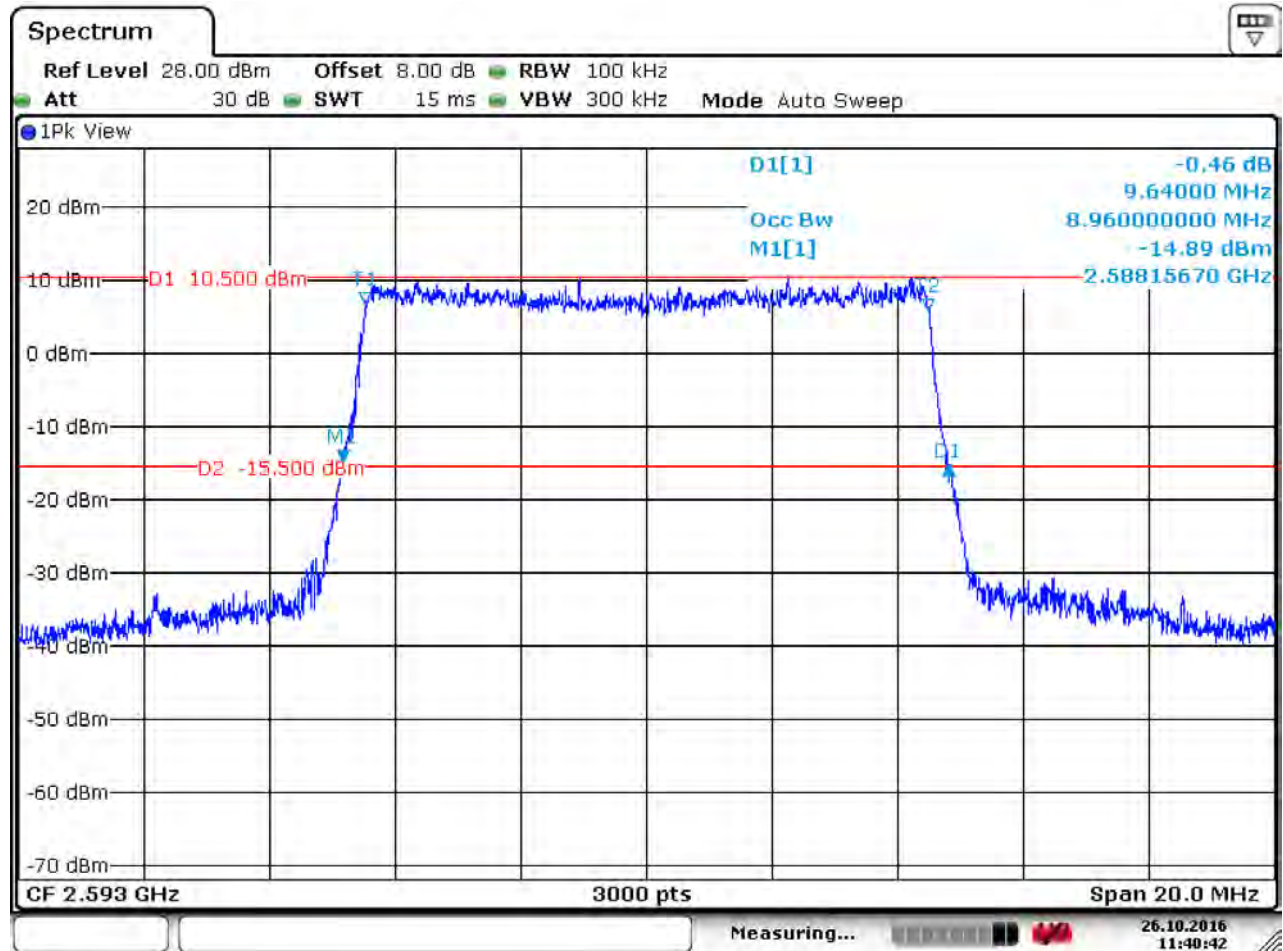


Date: 26.OCT.2016 11:42:08

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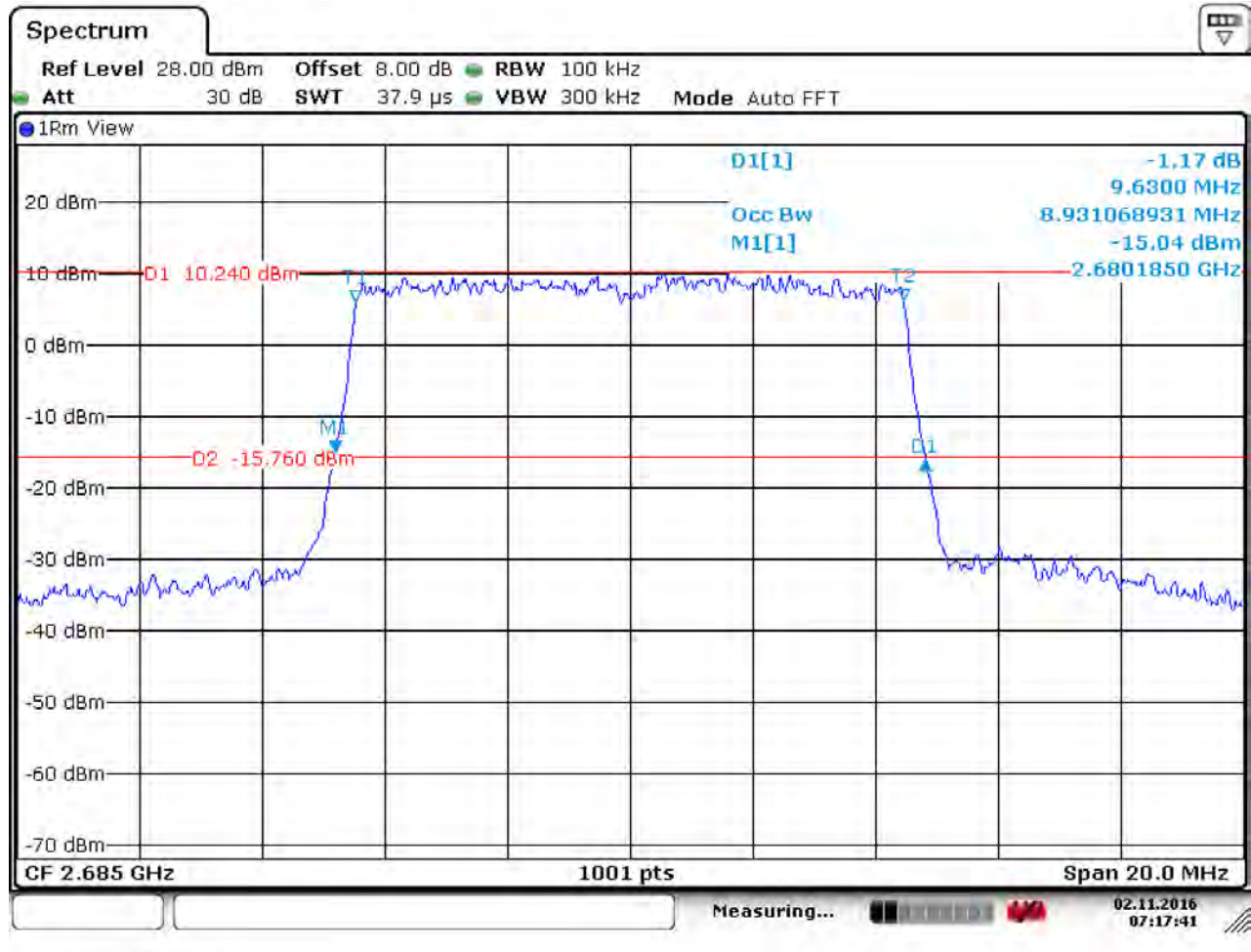
4.1.1.6.2 Test Channel = MCH



Date: 26.OCT.2016 11:40:42



4.1.1.6.3 Test Channel = HCH

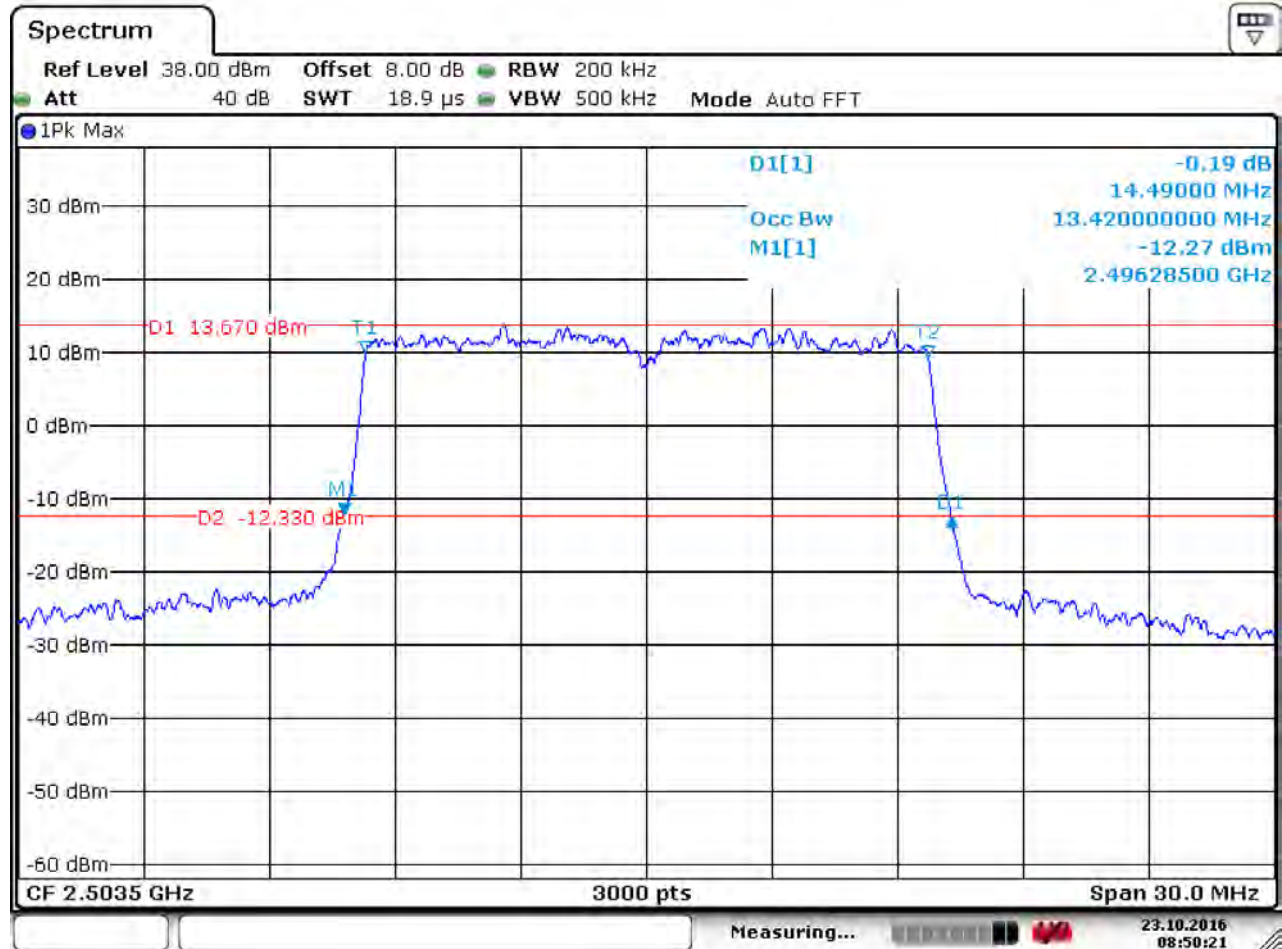


Date: 2.NOV.2016 07:17:41



4.1.1.7 Test Mode = LTE/TM1 15MHz

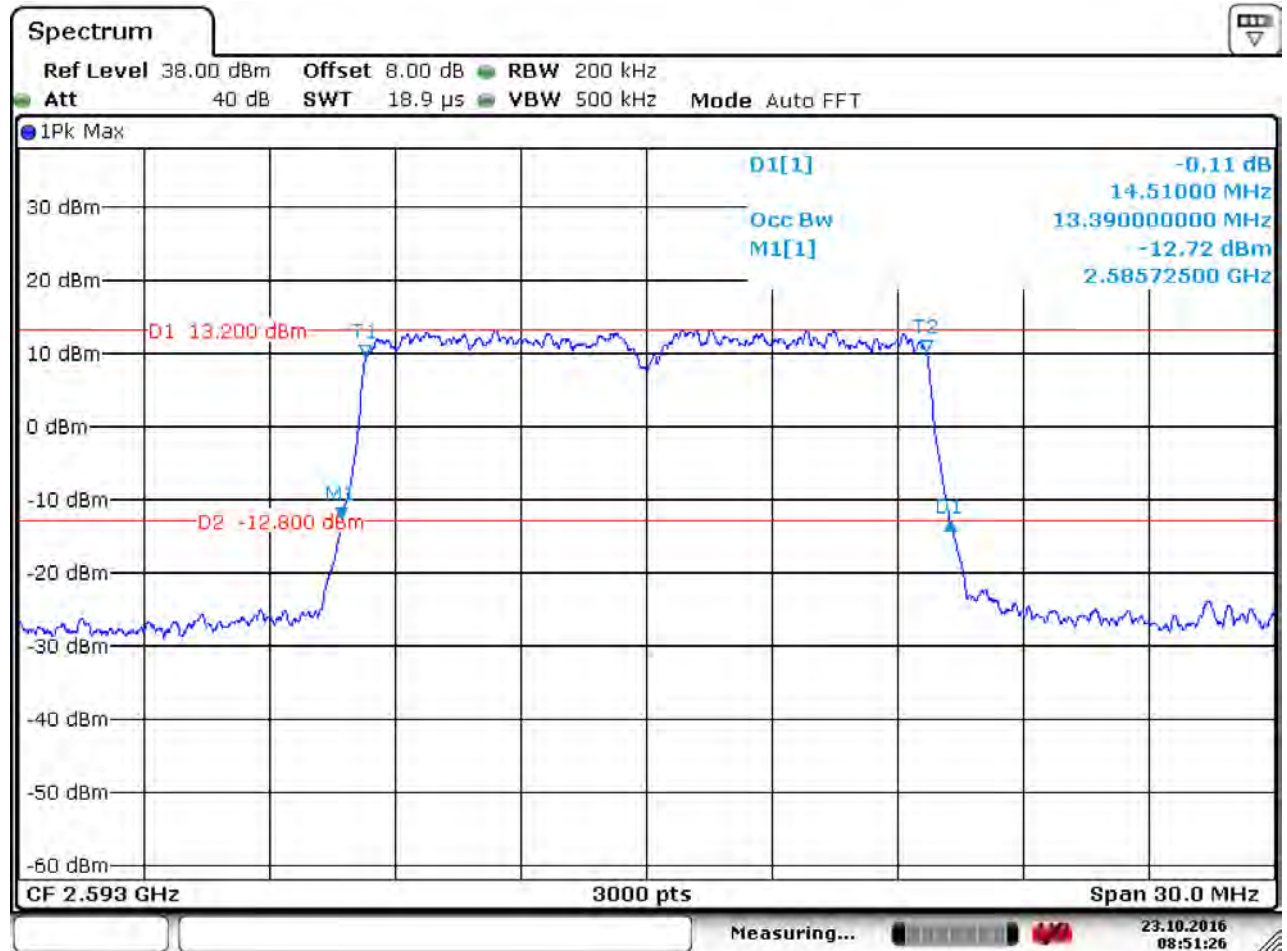
4.1.1.7.1 Test Channel = LCH



Date: 23.OCT.2016 08:50:21



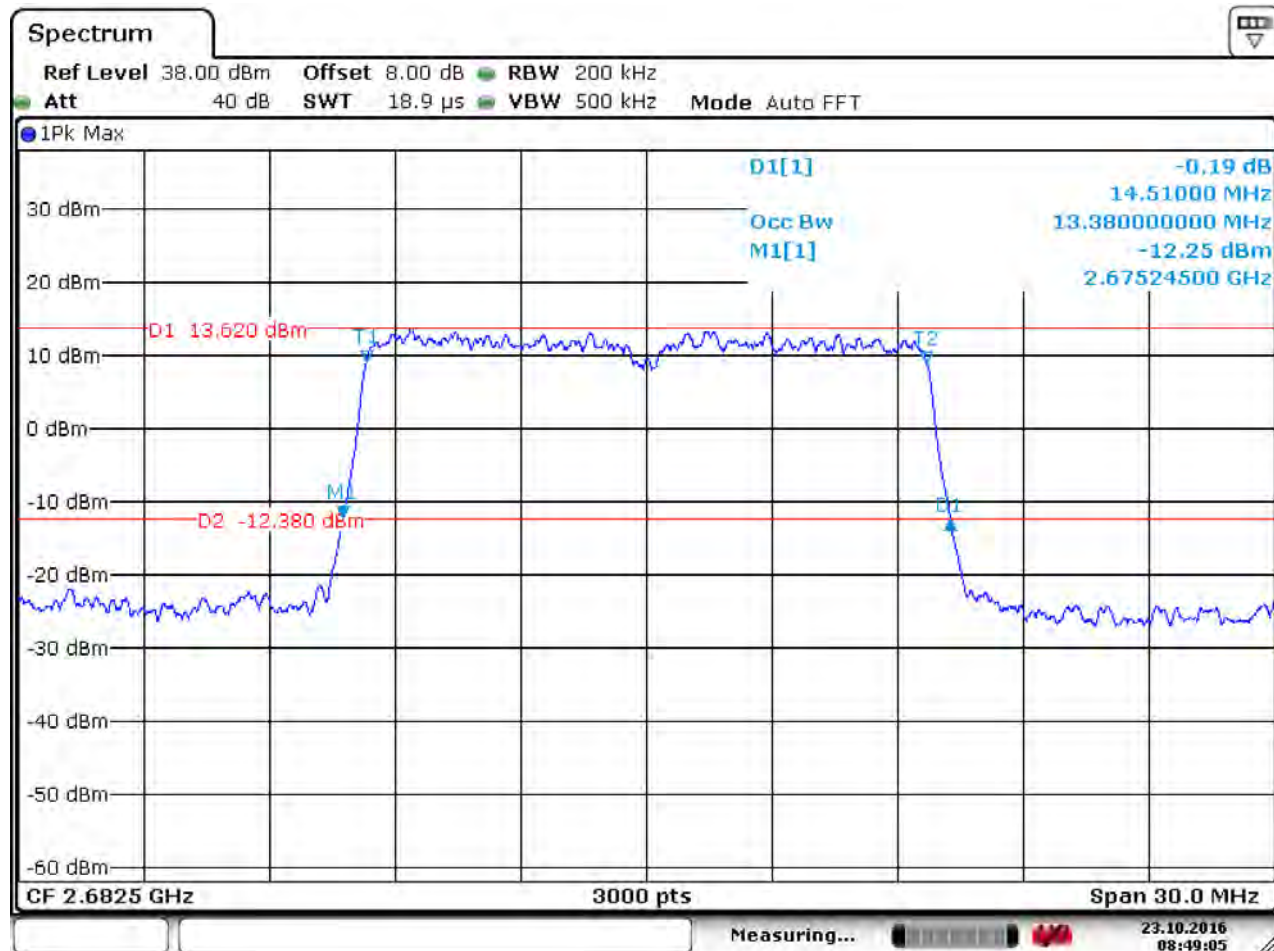
4.1.1.7.2 Test Channel = MCH



Date: 23.OCT.2016 08:51:26



4.1.1.7.3 Test Channel = HCH

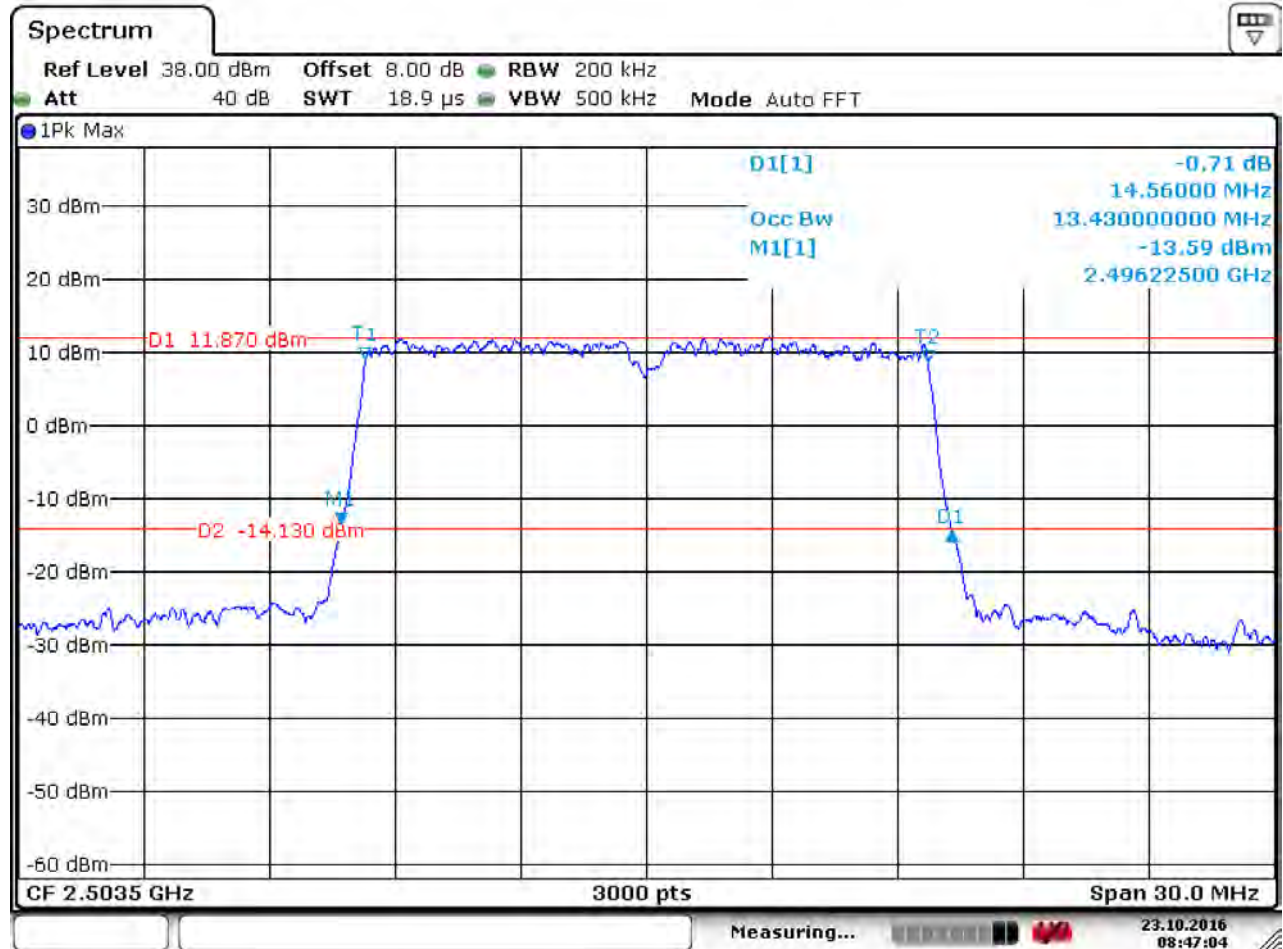


Date: 23.OCT.2016 08:49:05



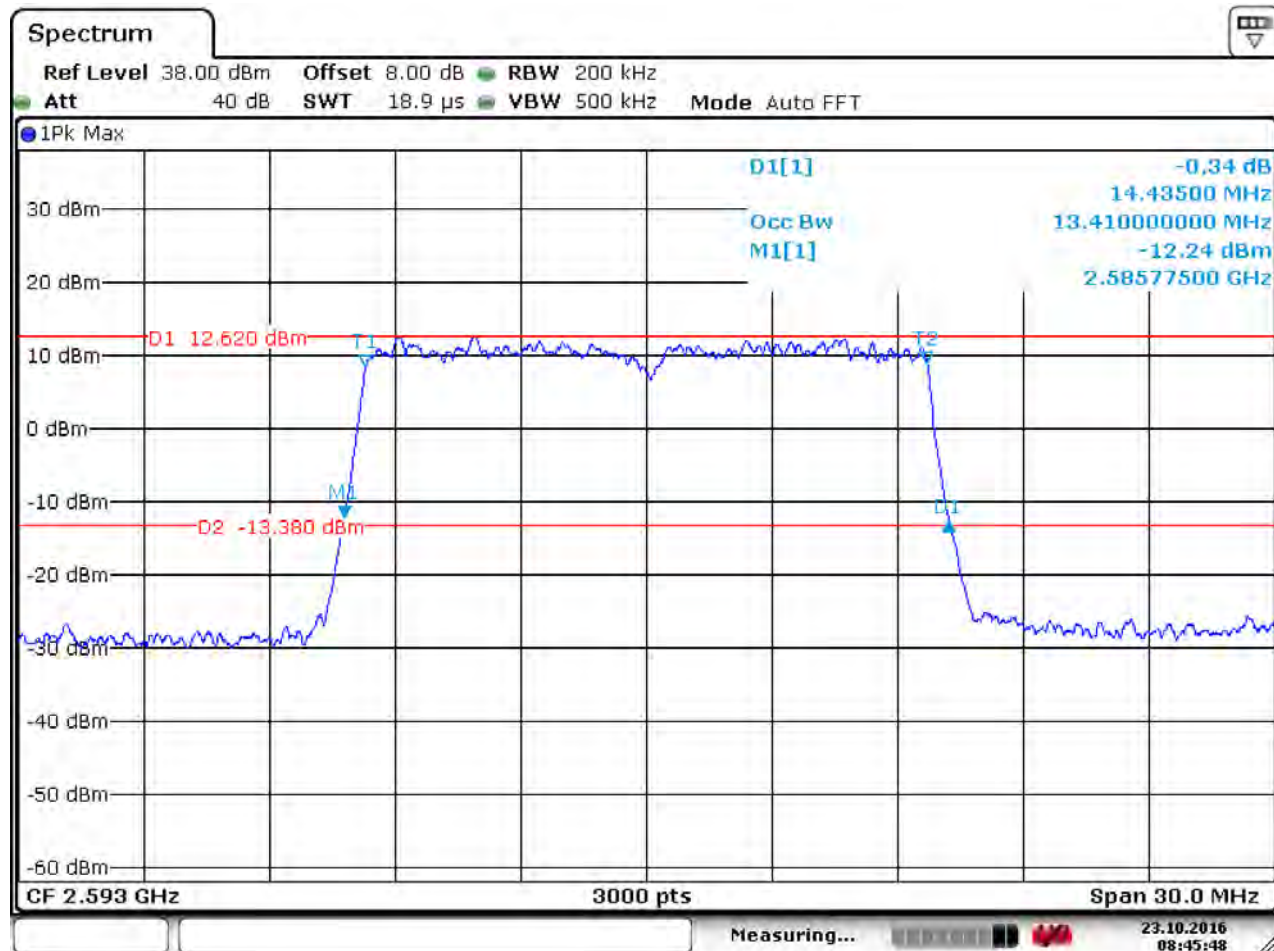
4.1.1.8 Test Mode = LTE/TM2 15MHz

4.1.1.8.1 Test Channel = LCH



Date: 23.OCT.2016 08:47:04

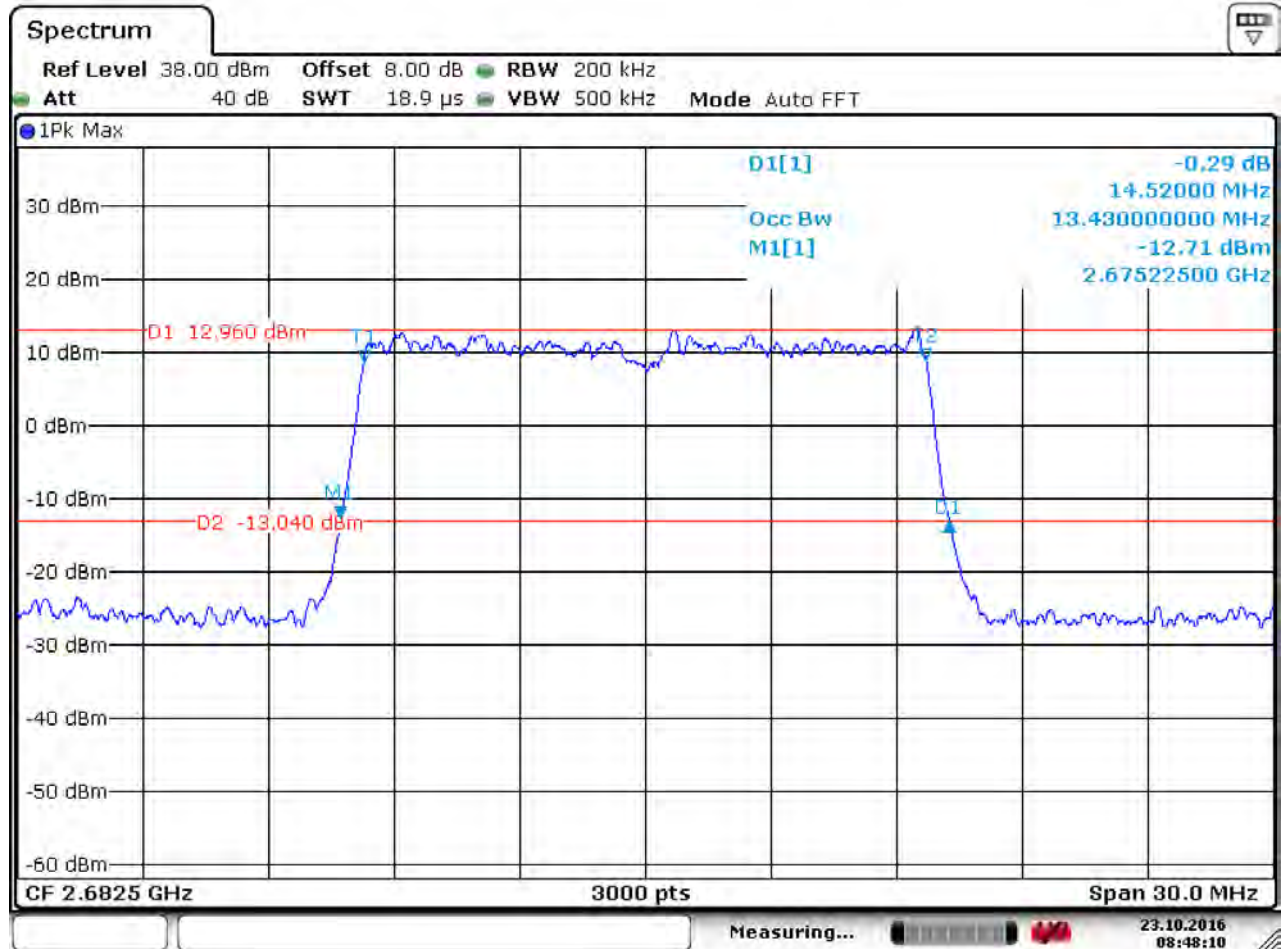
4.1.1.8.2 Test Channel = MCH



Date: 23.OCT.2016 08:45:49



4.1.1.8.3 Test Channel = HCH

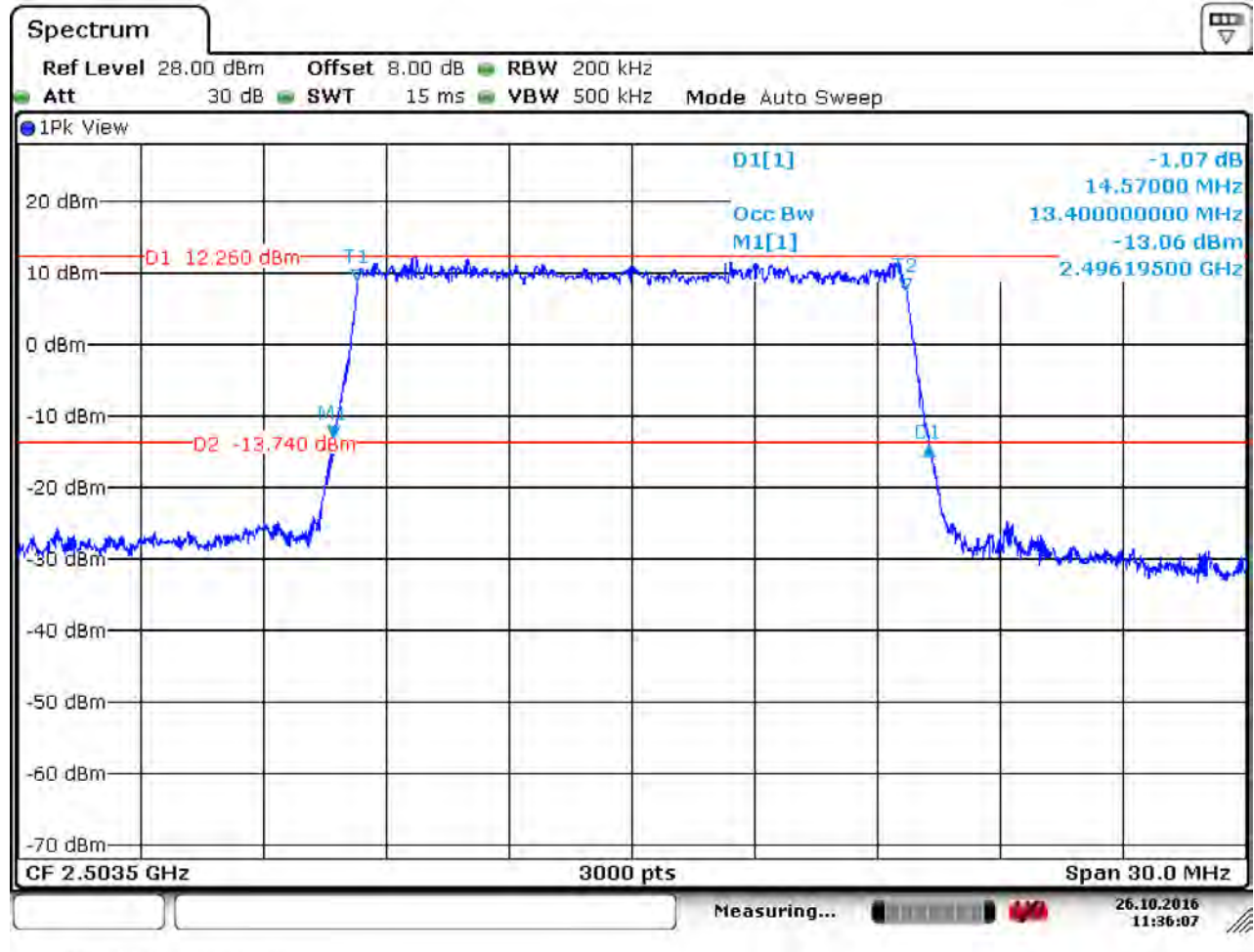


Date: 23.OCT.2016 08:48:11



4.1.1.9 Test Mode = LTE/TM3 15MHz

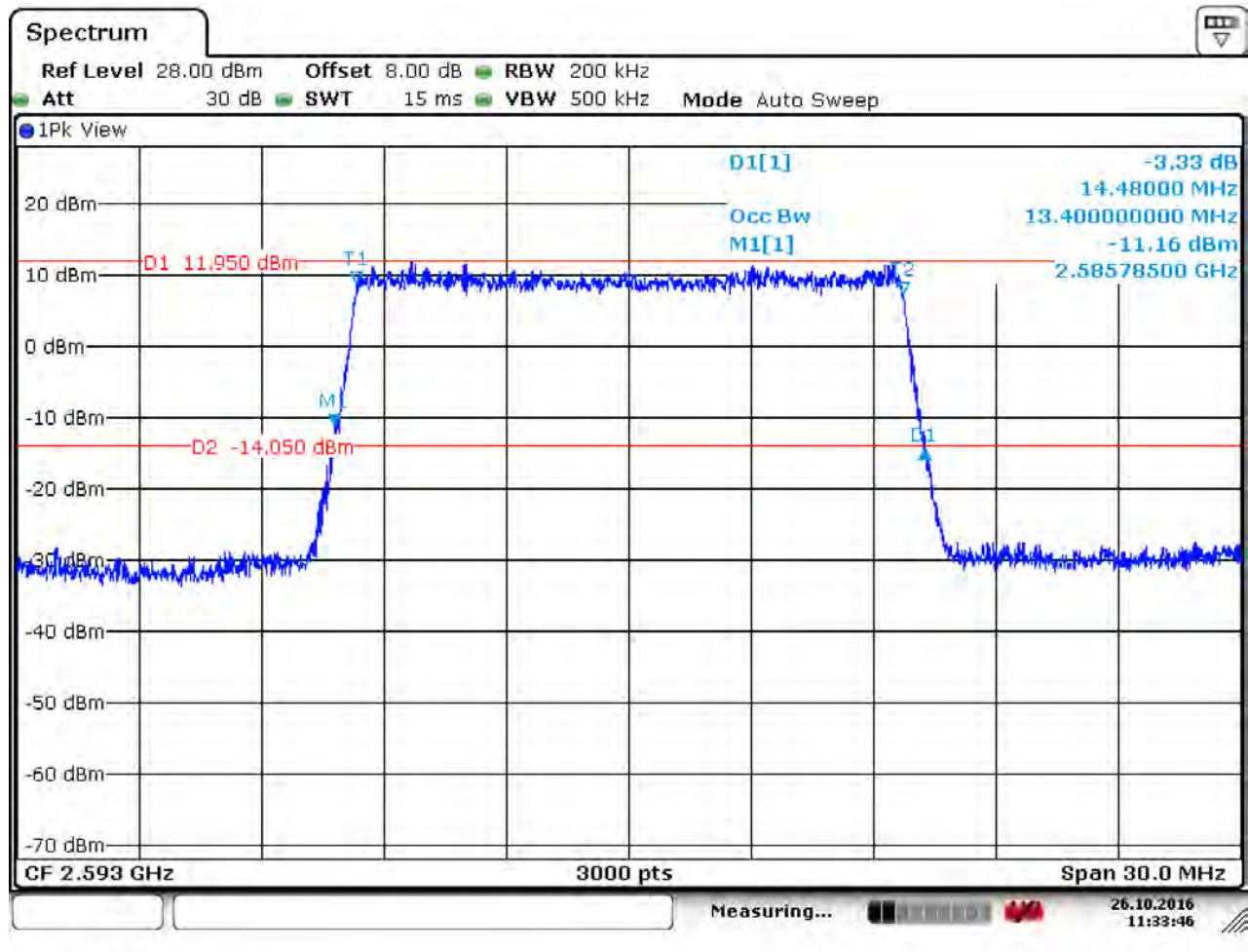
4.1.1.9.1 Test Channel = LCH



Date: 26.OCT.2016 11:36:07



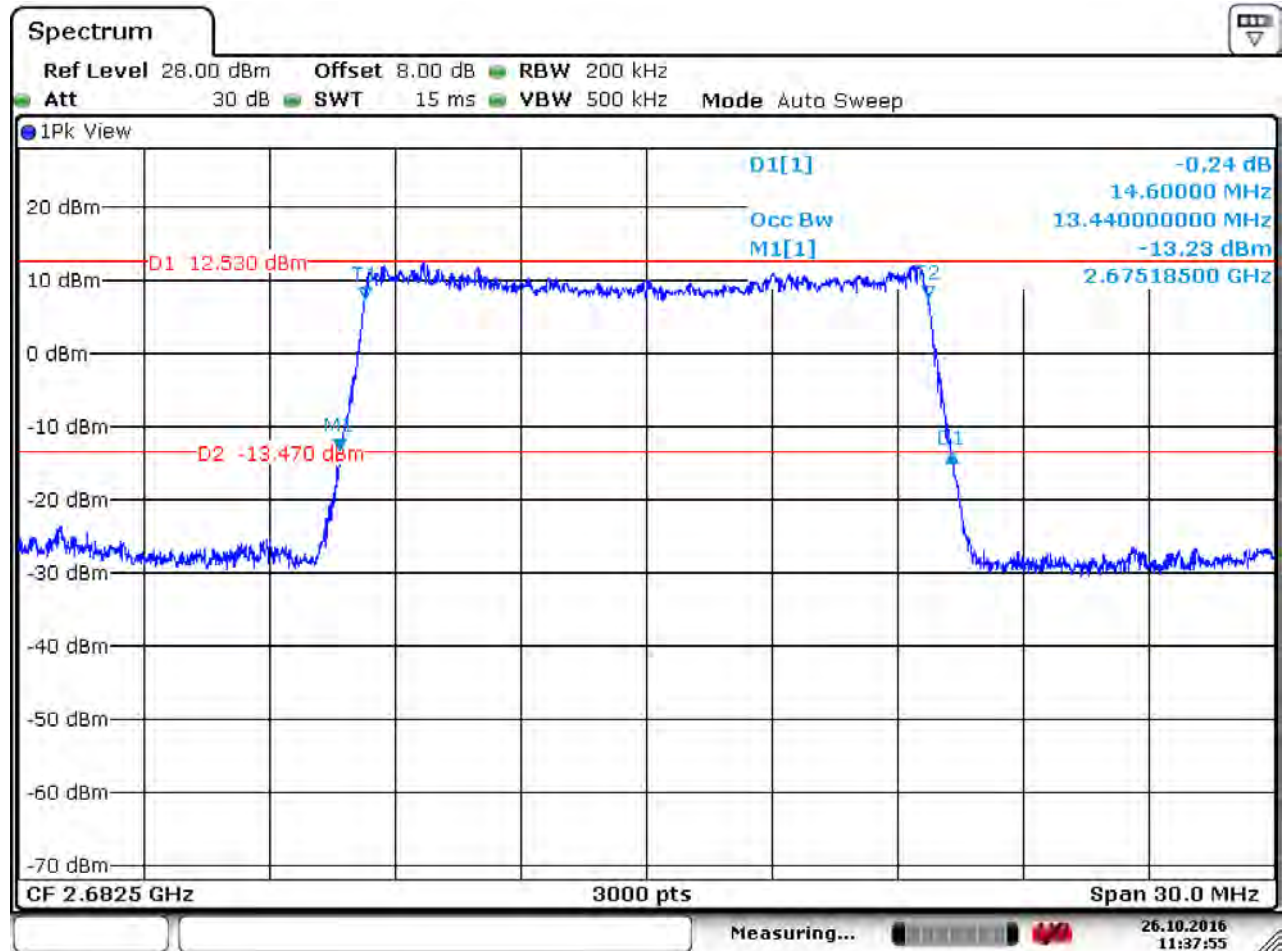
4.1.1.9.2 Test Channel = MCH



Date: 26.OCT.2016 11:33:46



4.1.1.9.3 Test Channel = HCH

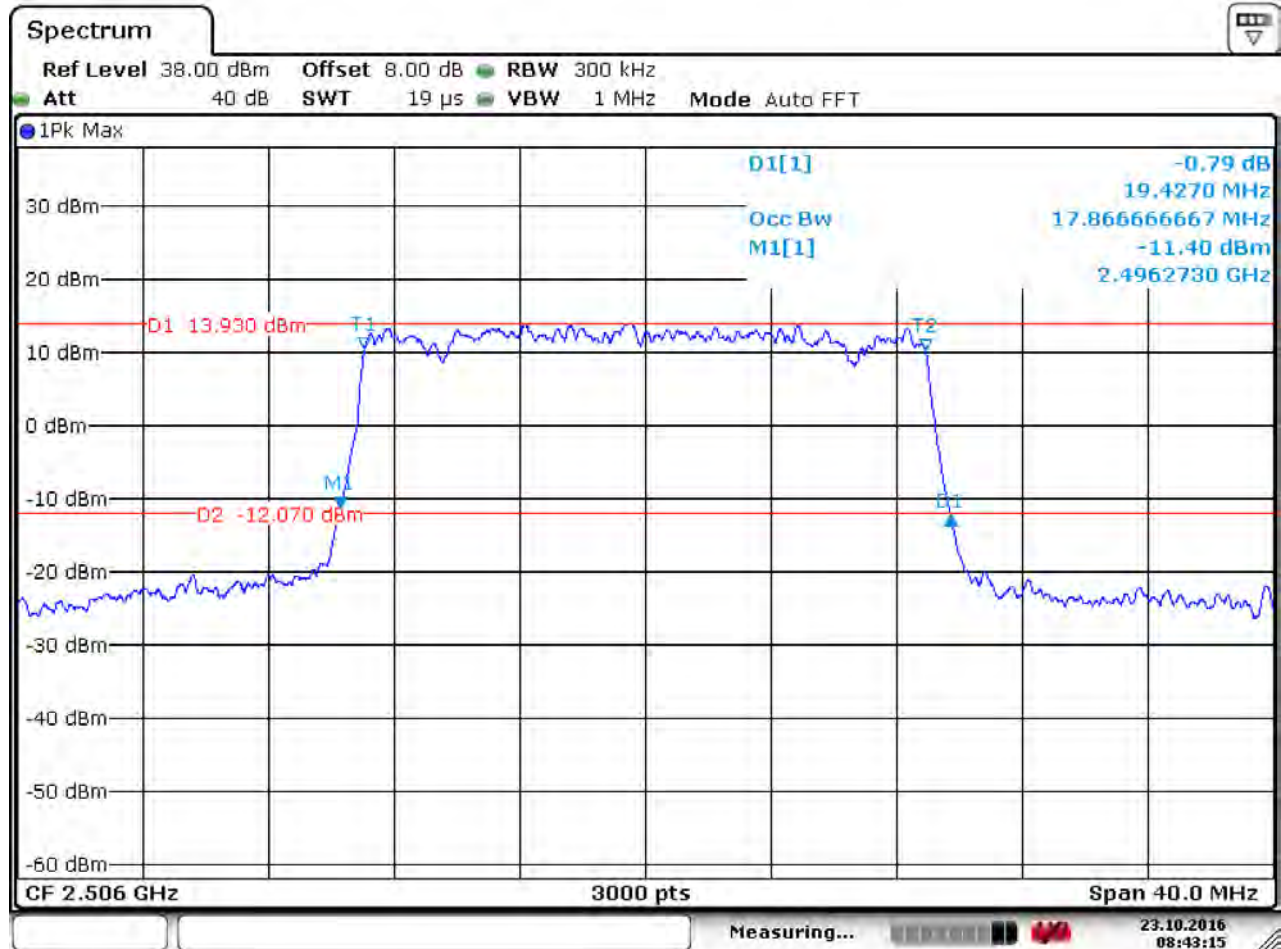


Date: 26.OCT.2016 11:37:55



4.1.1.10 Test Mode = LTE/TM1 20MHz

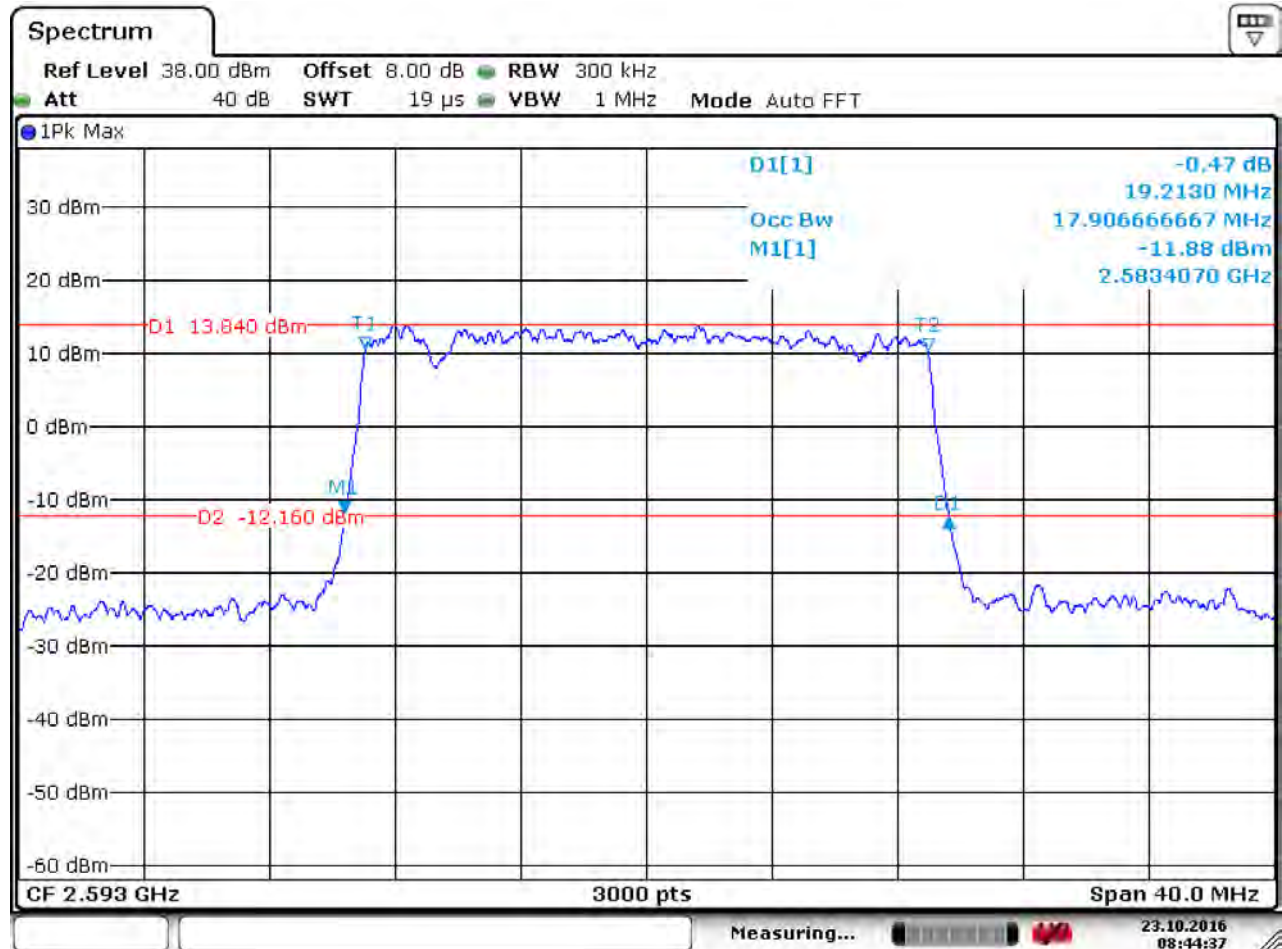
4.1.1.10.1 Test Channel = LCH



Date: 23.OCT.2016 08:43:15



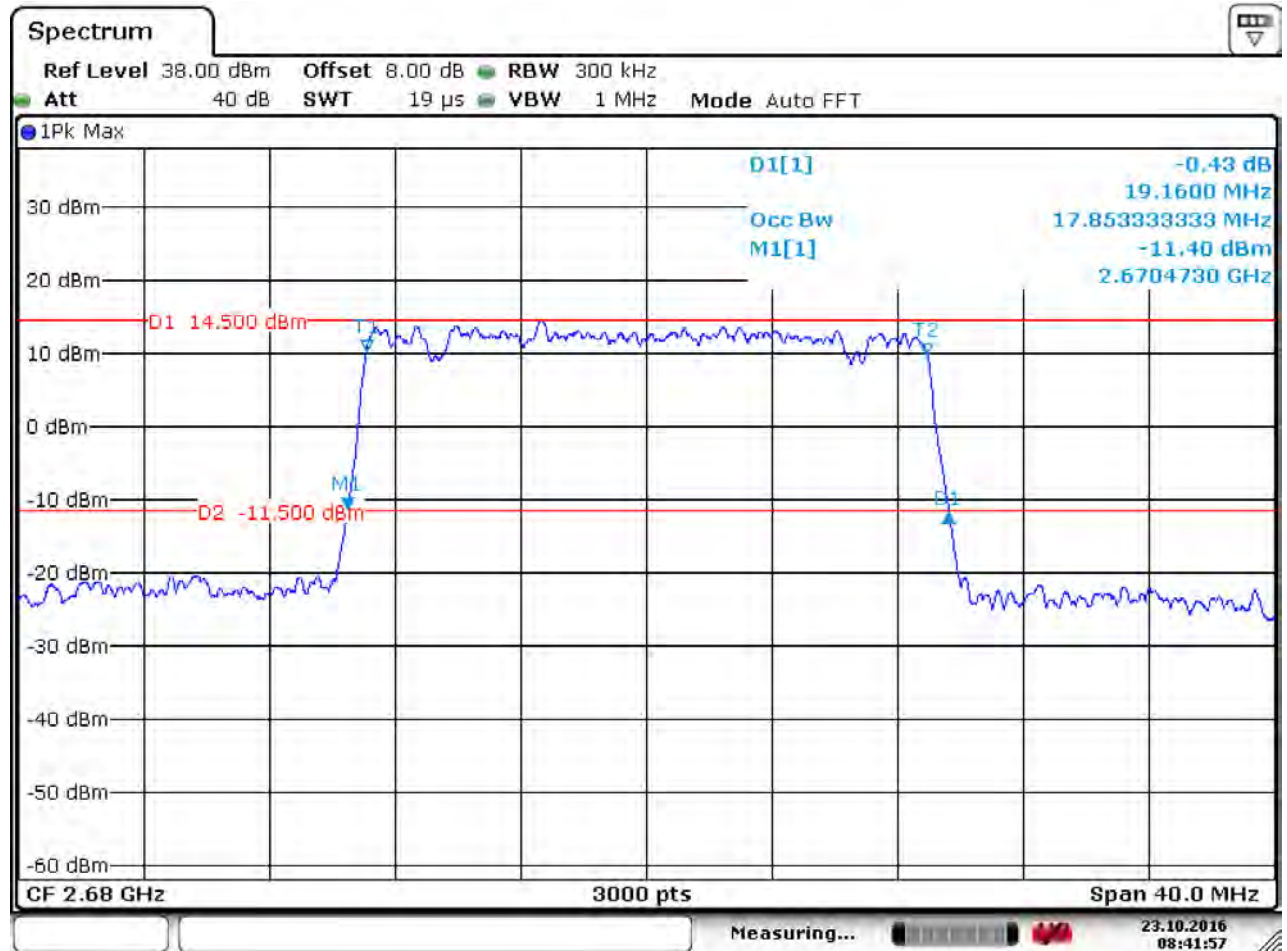
4.1.1.10.2 Test Channel = MCH



Date: 23.OCT.2016 08:44:37



4.1.1.10.3 Test Channel = HCH

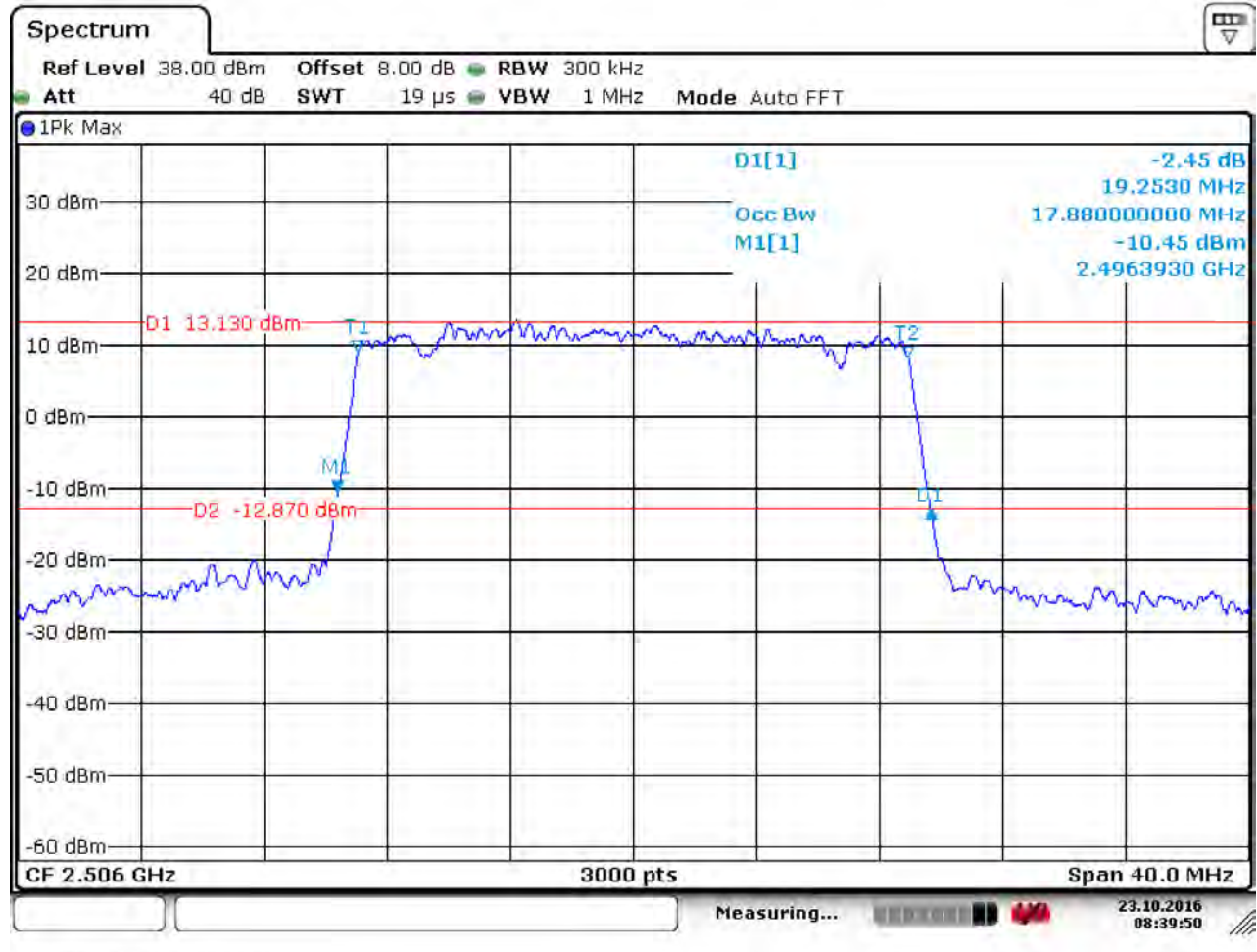


Date: 23.OCT.2016 08:41:57



4.1.1.11 Test Mode = LTE/TM2 20MHz

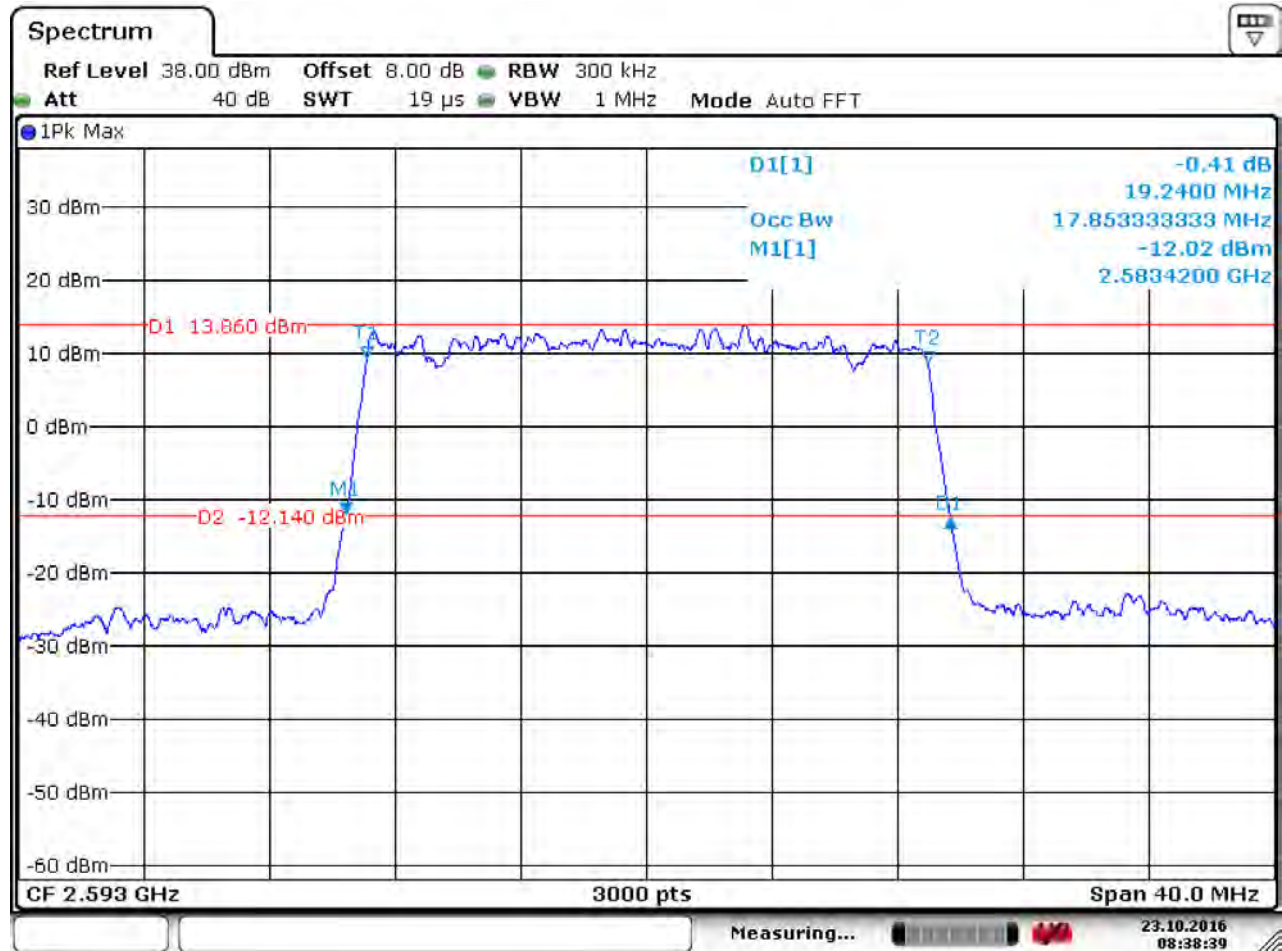
4.1.1.11.1 Test Channel = LCH



Date: 23.OCT.2016 08:39:51



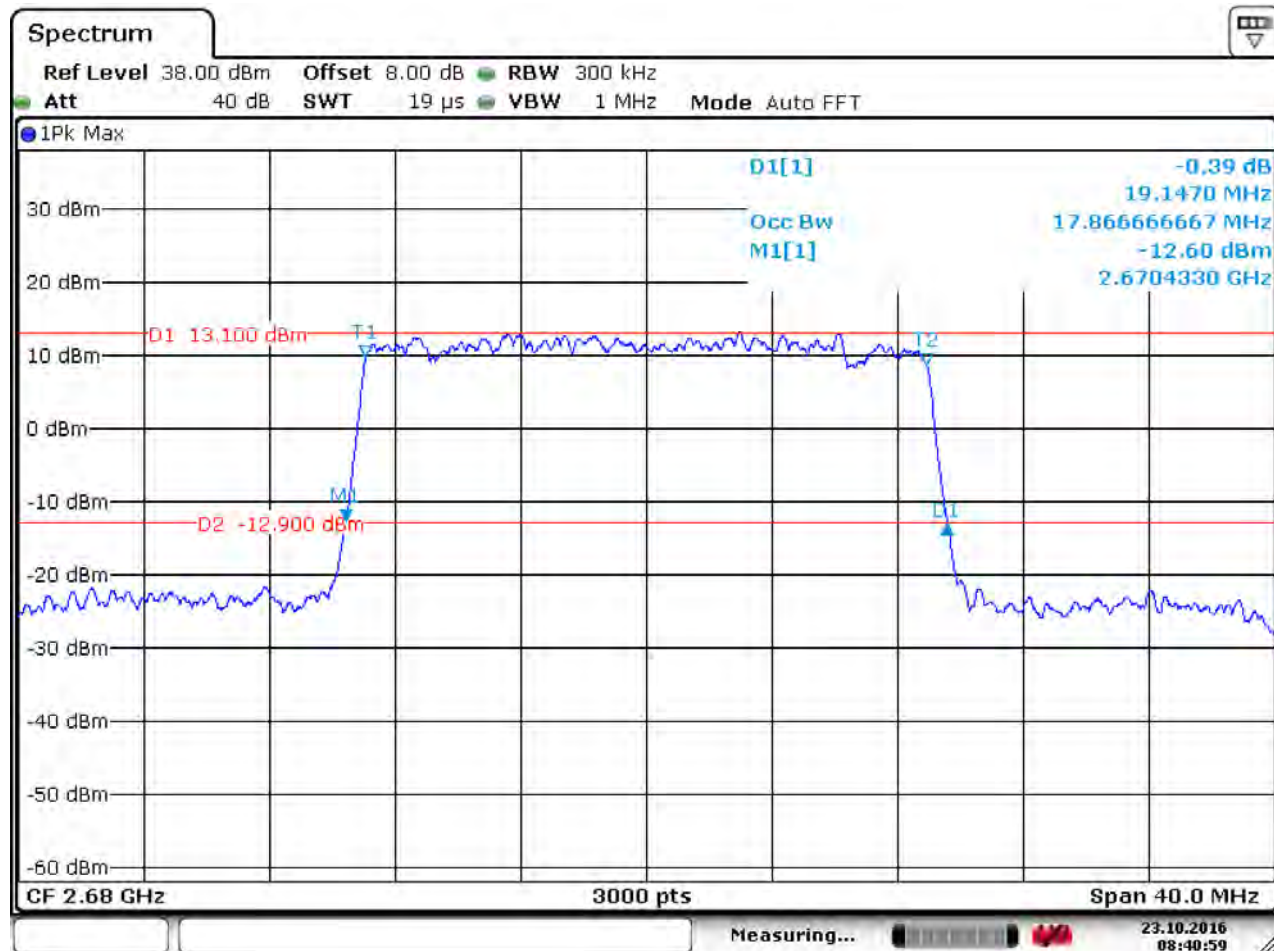
4.1.1.11.2 Test Channel = MCH



Date: 23.OCT.2016 08:38:39



4.1.1.11.3 Test Channel = HCH

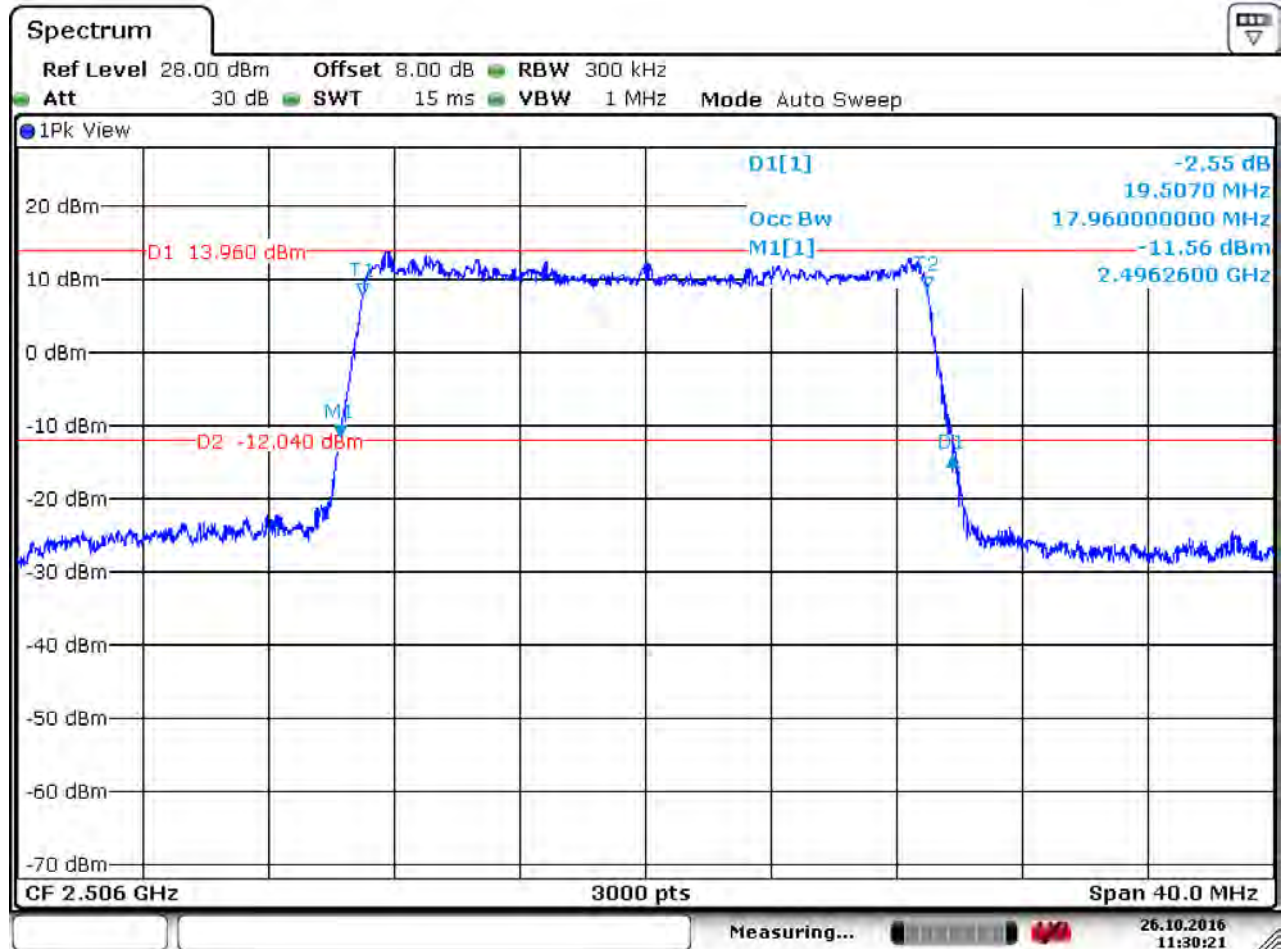


Date: 23.OCT.2016 08:40:59



4.1.1.12 Test Mode = LTE/TM3 20MHz

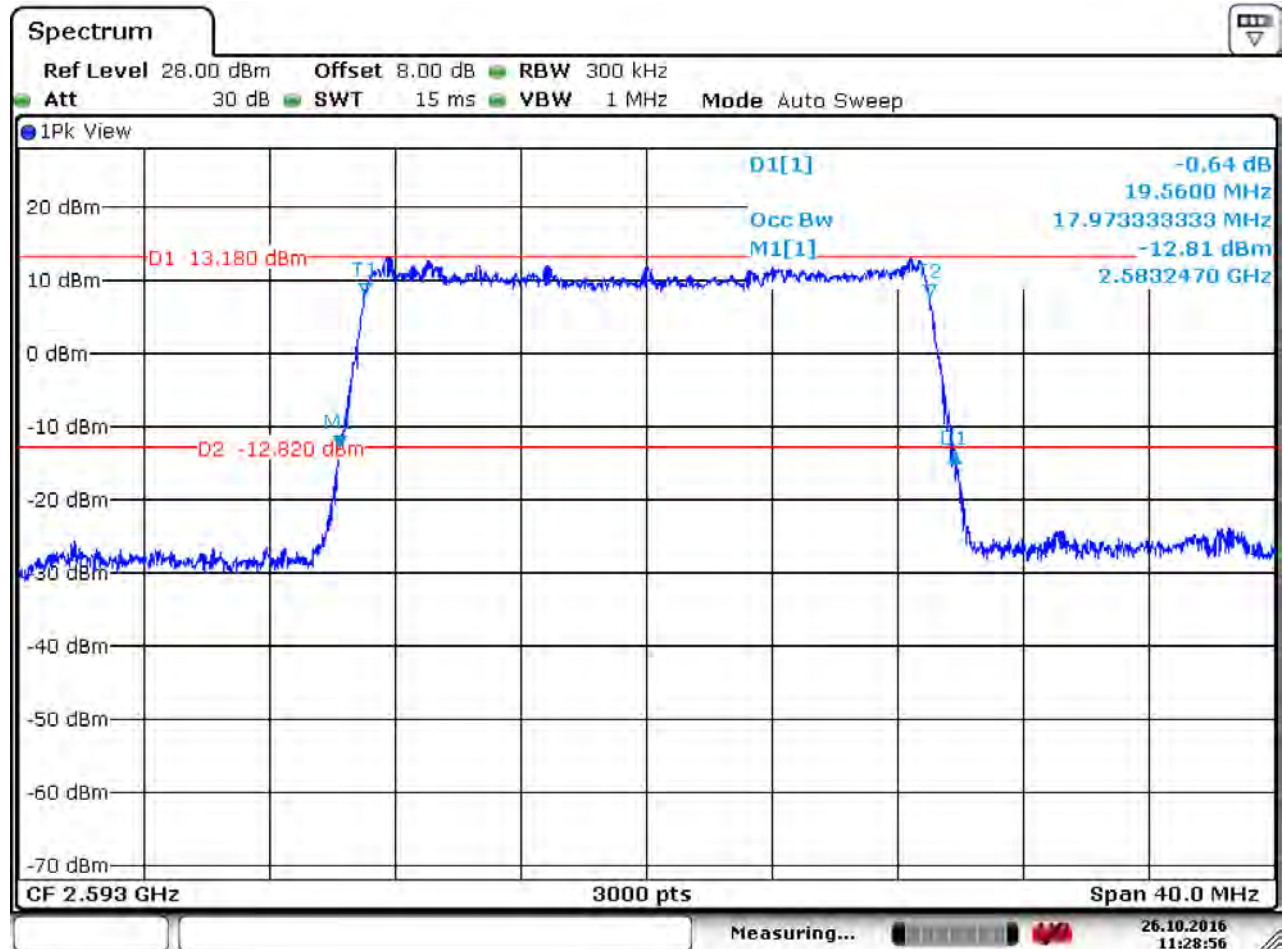
4.1.1.12.1 Test Channel = LCH



Date: 26.OCT.2016 11:30:21



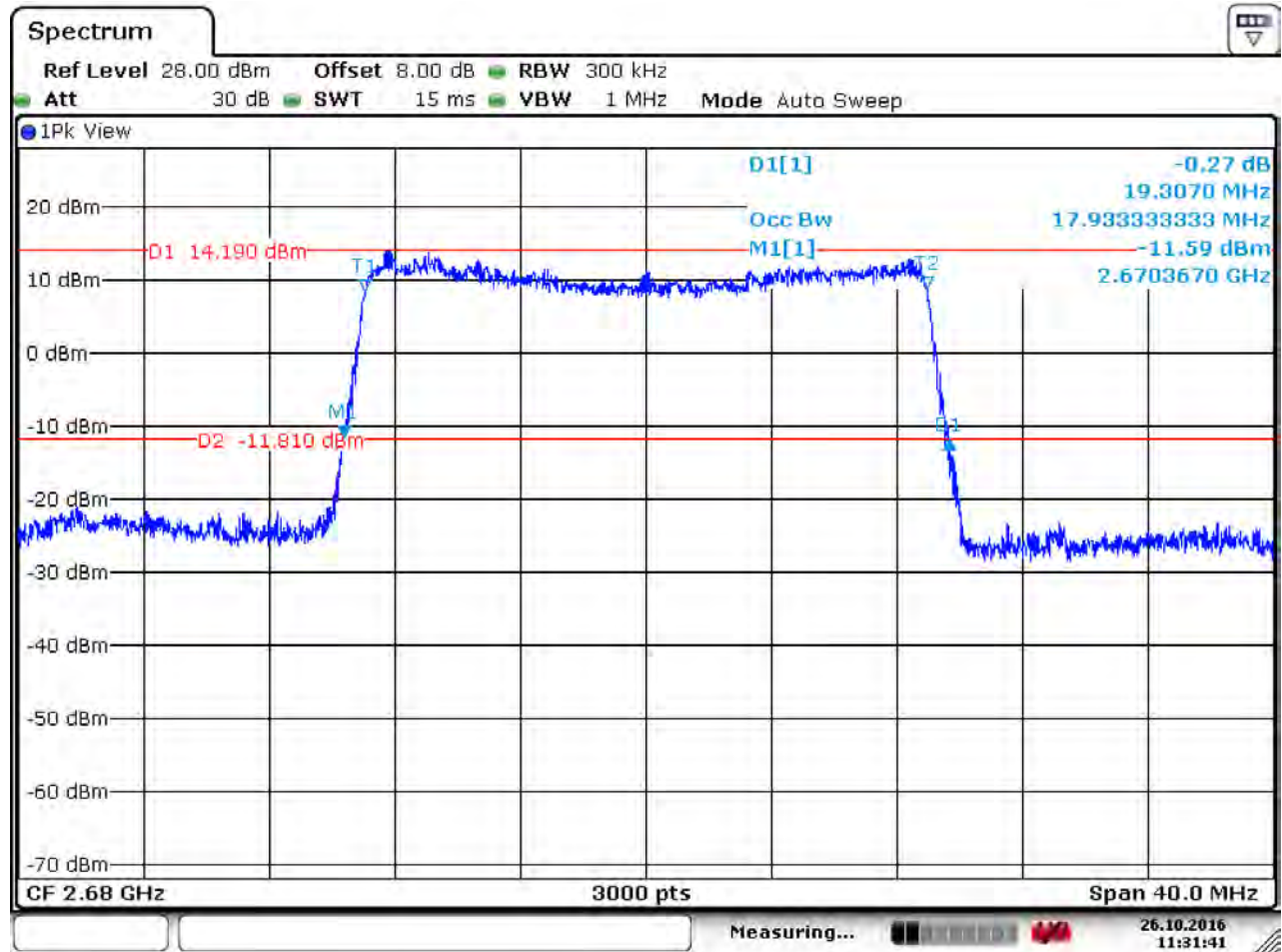
4.1.1.12.2 Test Channel = MCH



Date: 26.OCT.2016 11:28:56



4.1.1.12.3 Test Channel = HCH



Date: 26.OCT.2016 11:31:42



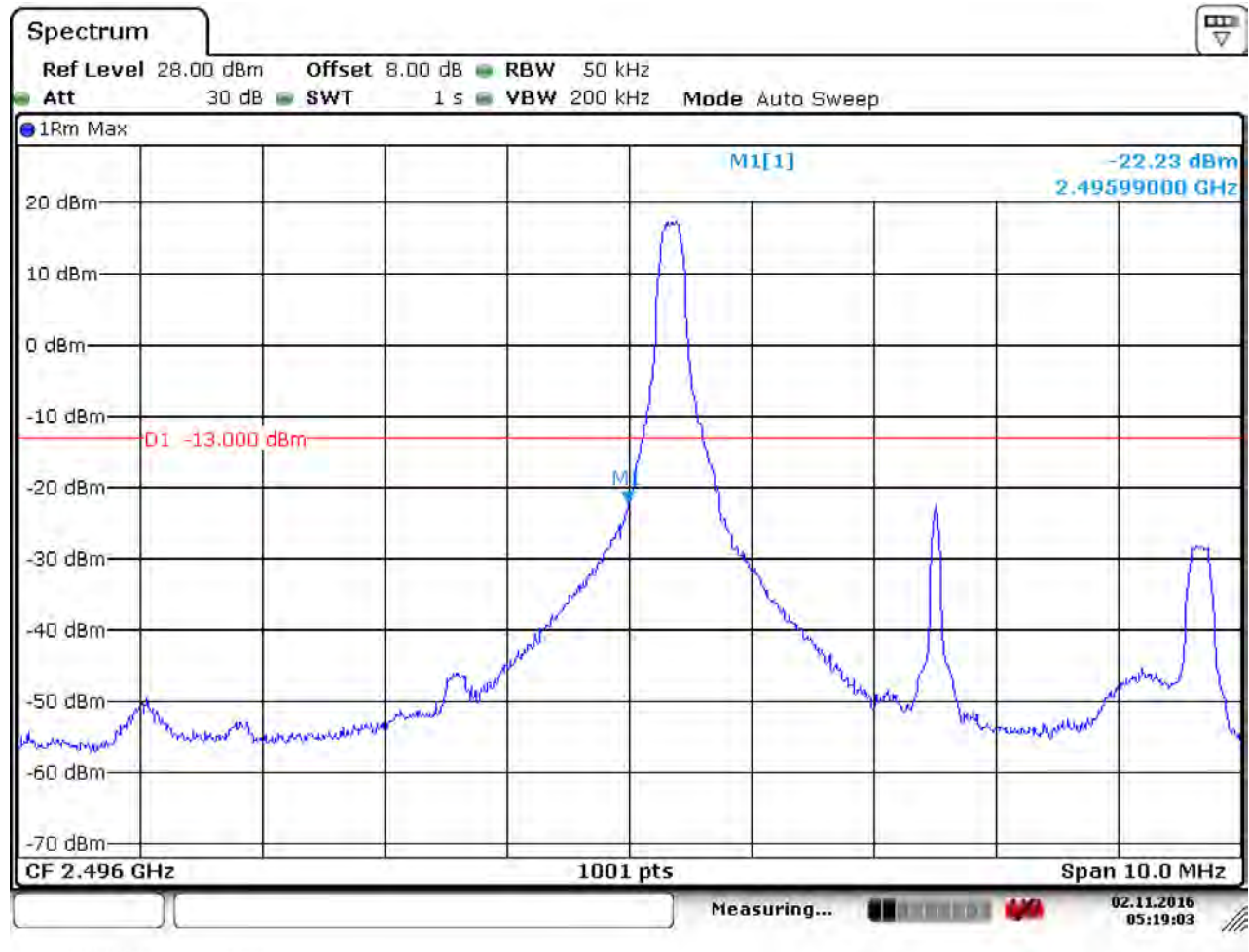
5 Band Edges Compliance

5.1.1 Test Band = LTE band 41

5.1.1.1 Test Mode = LTE/TM1 5MHz

5.1.1.1.1 Test Channel = LCH

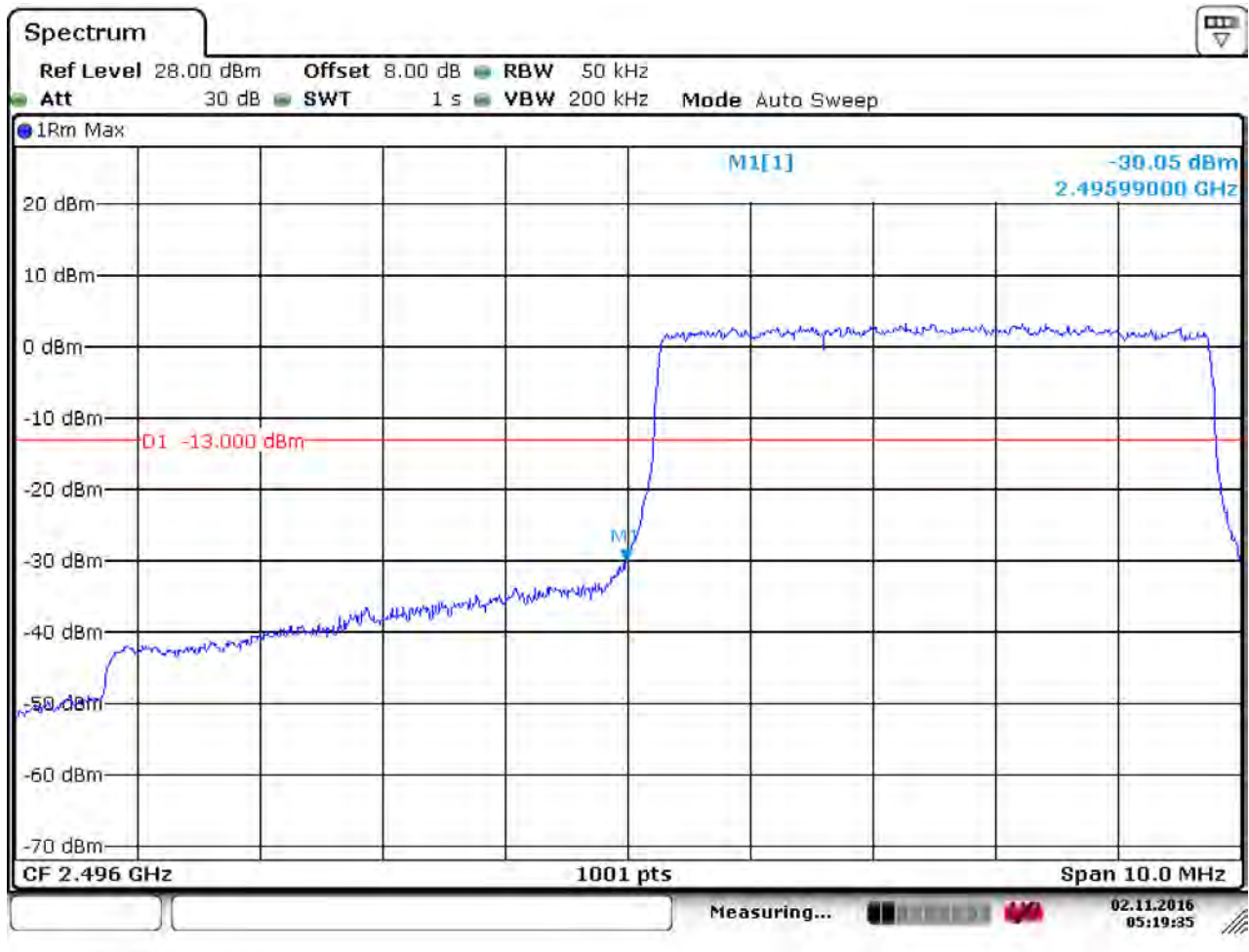
5.1.1.1.1.1 Test RB=1RB



Date: 2.NOV.2016 05:19:03



5.1.1.1.2 Test RB=25RB

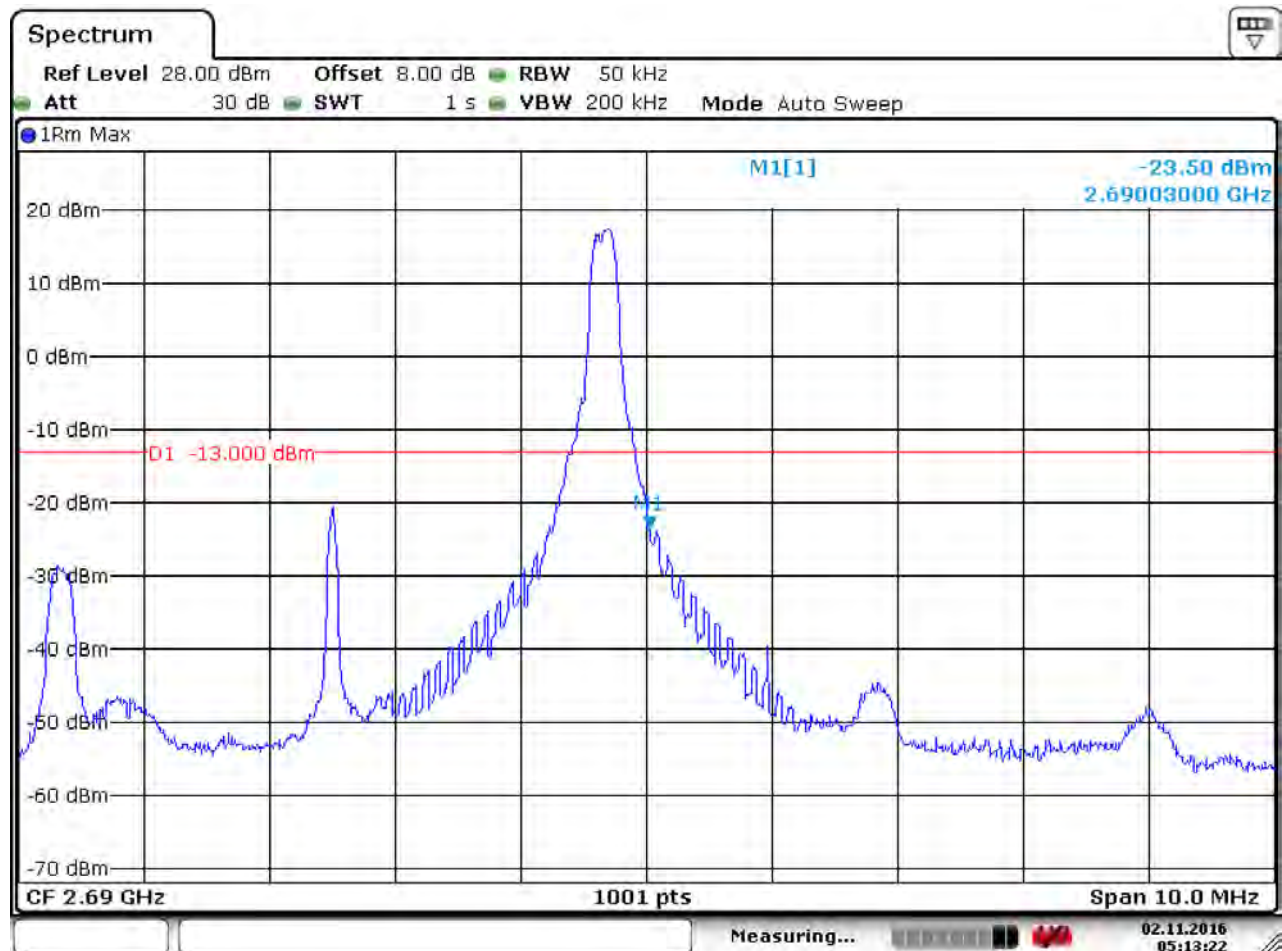


Date: 2.NOV.2016 05:19:36



5.1.1.1.2 Test Channel = HCH

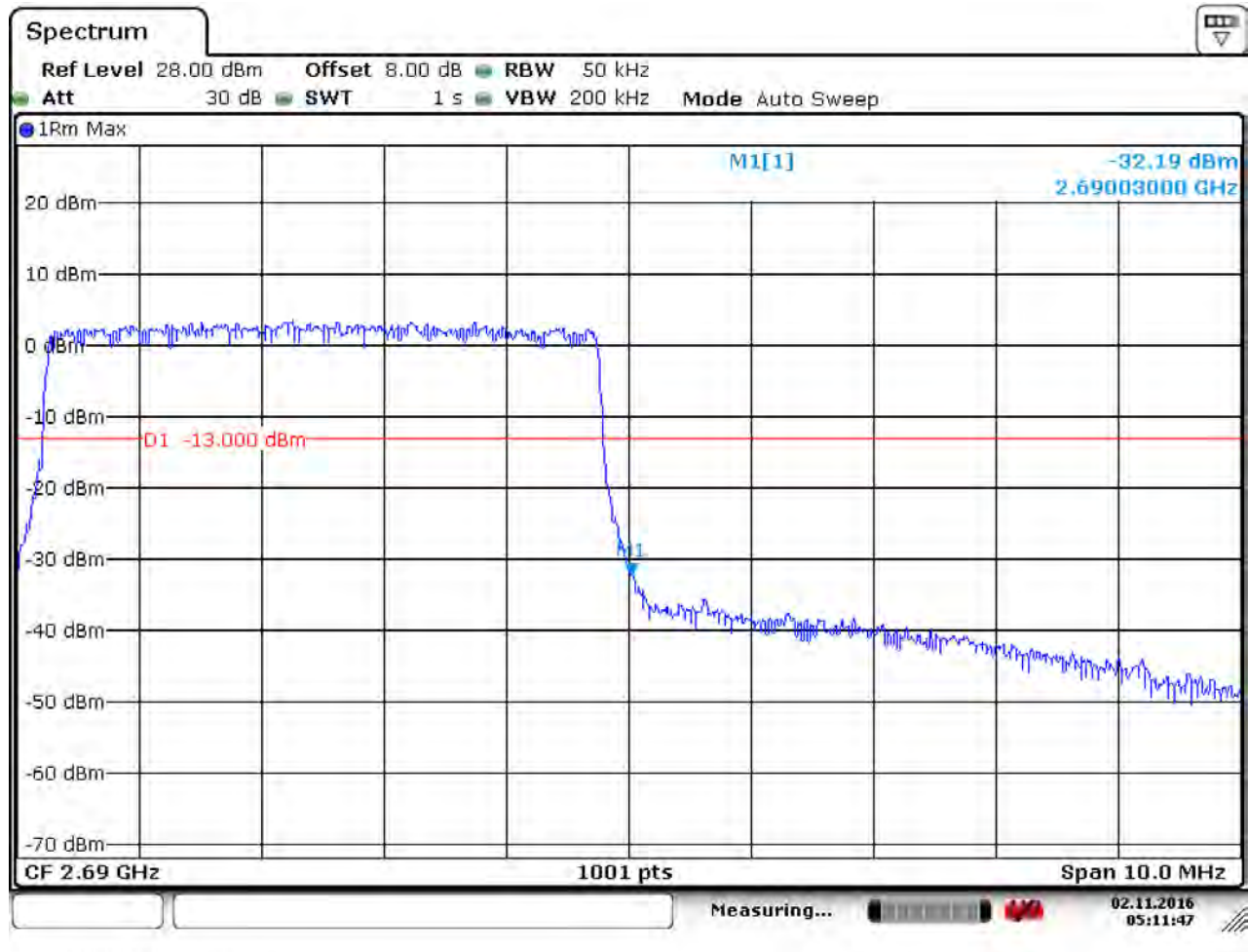
5.1.1.1.2.1 Test RB=1RB



Date: 2.NOV.2016 05:13:23



5.1.1.1.2.2 Test RB=25RB



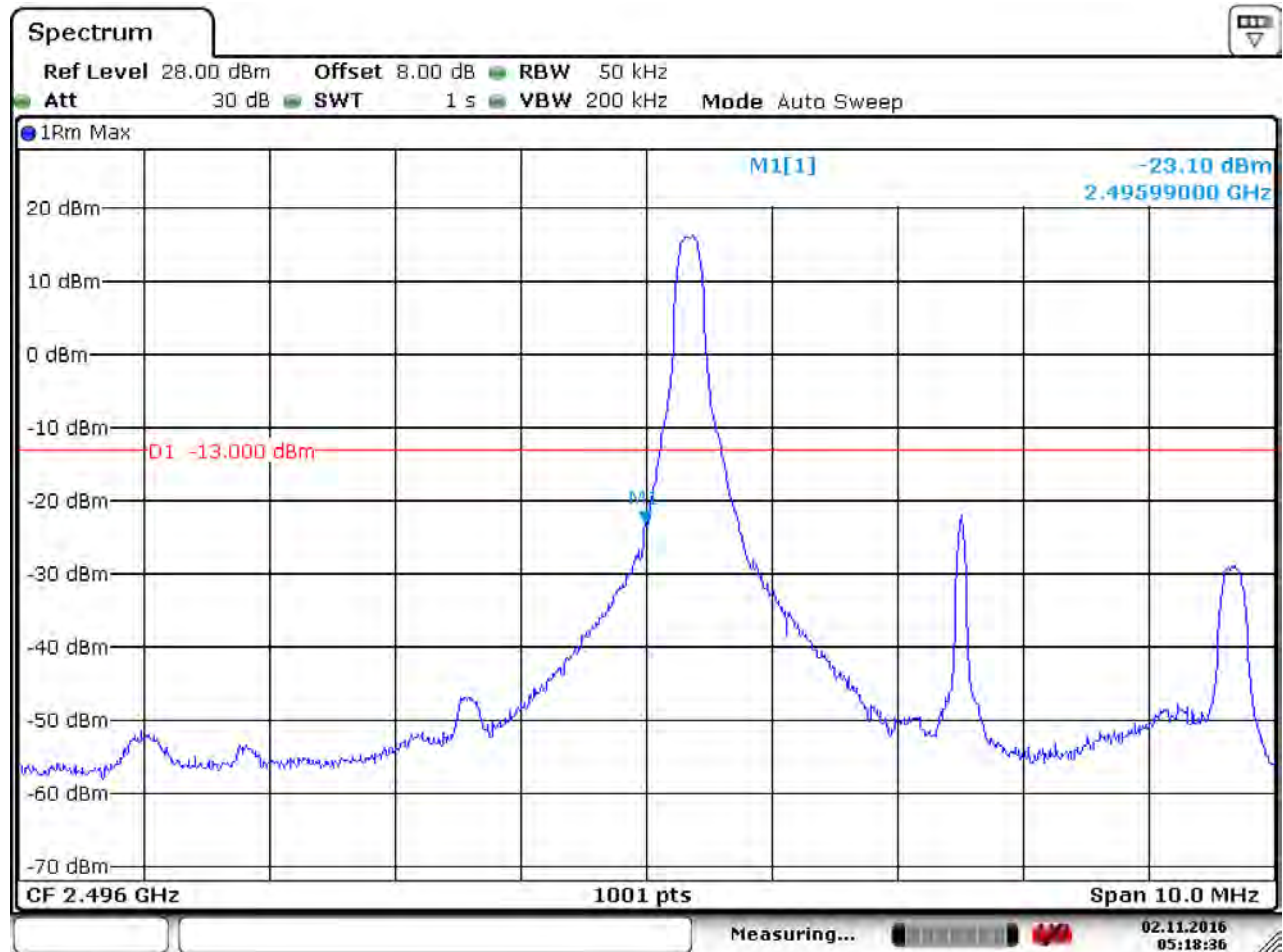
Date: 2.NOV.2016 05:11:47



5.1.1.2 Test Mode = LTE/TM2 5MHz

5.1.1.2.1 Test Channel = LCH

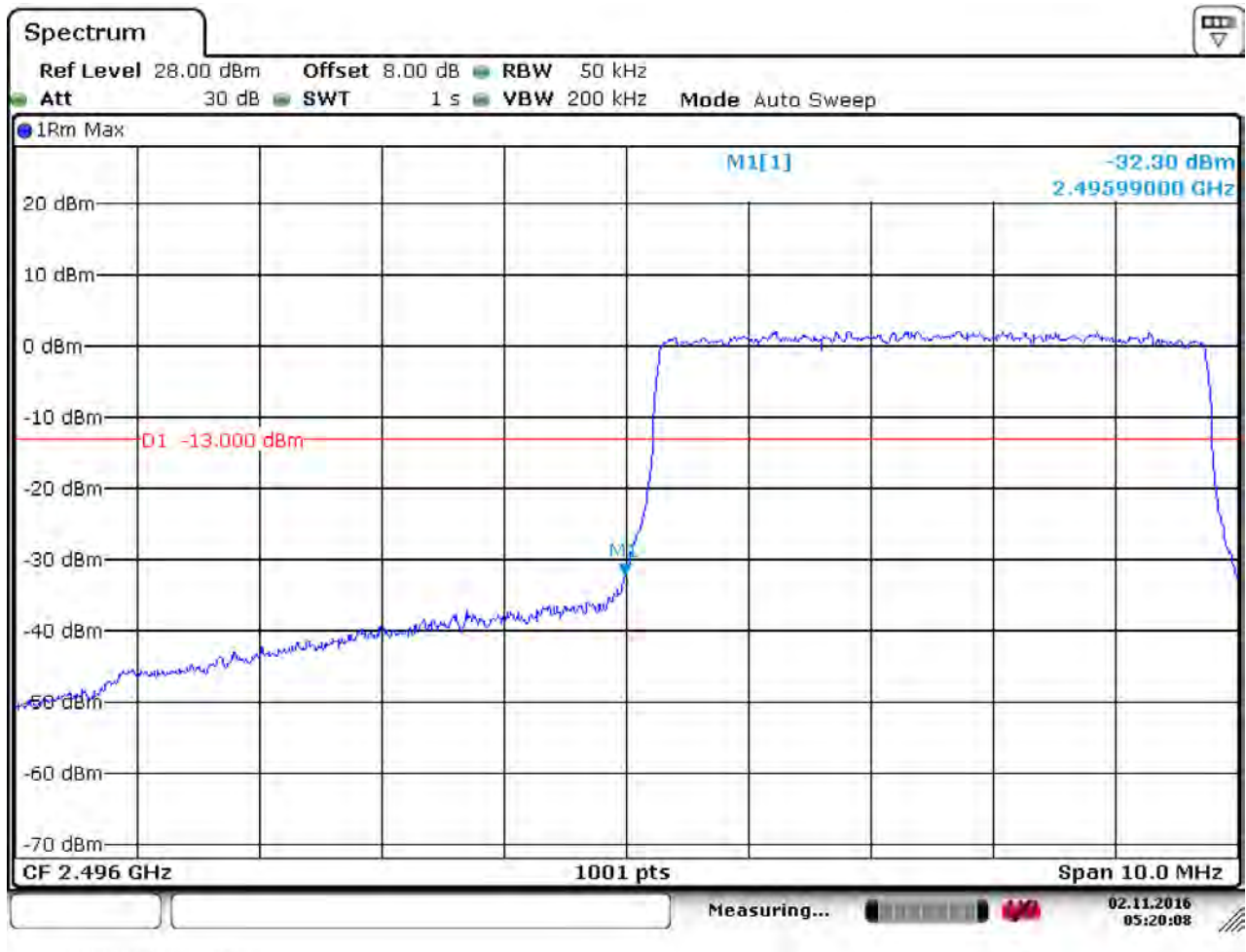
5.1.1.2.1.1 Test RB=1RB



Date: 2.NOV.2016 05:18:37



5.1.1.2.1.2 Test RB=25RB

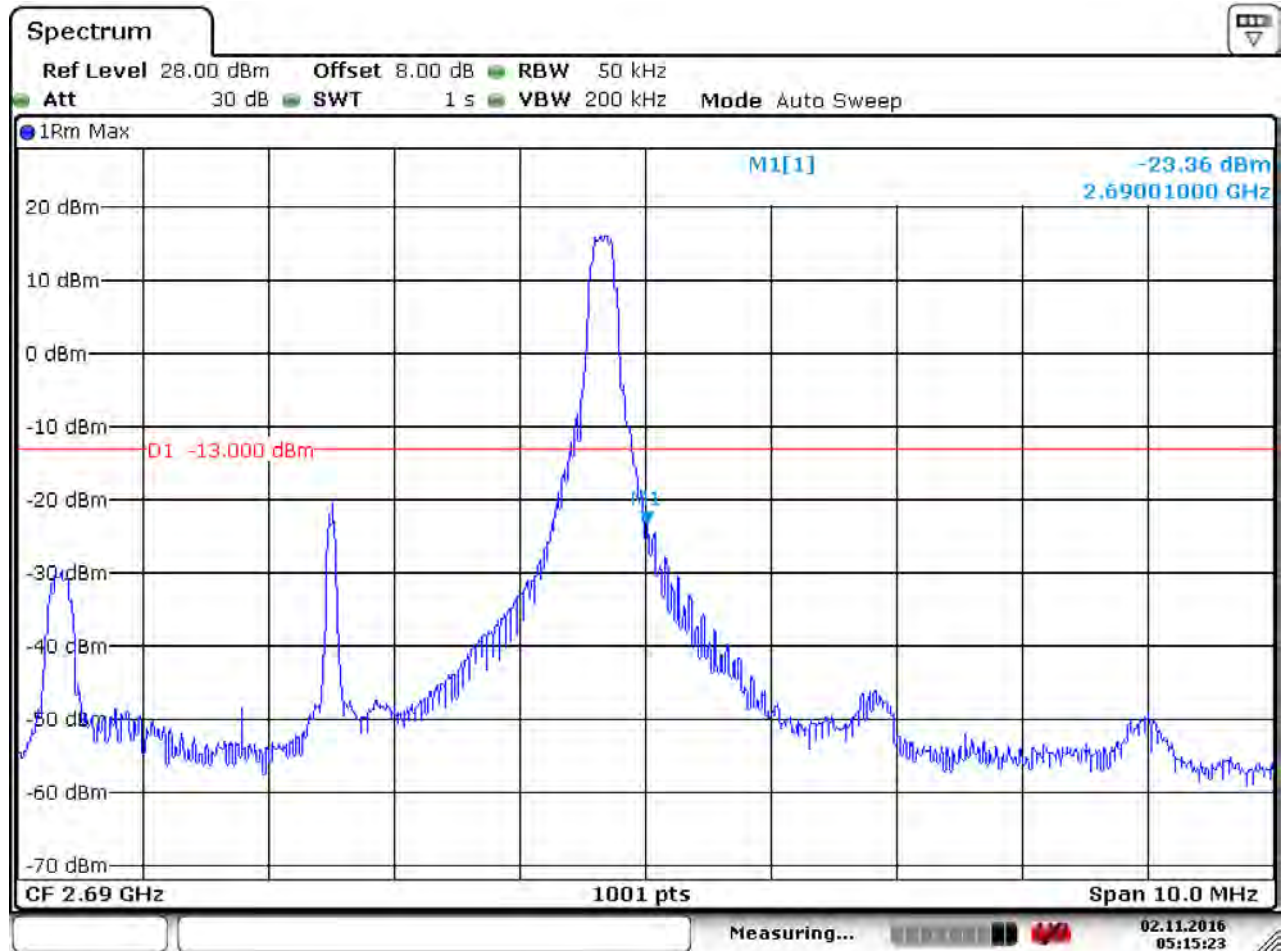


Date: 2.NOV.2016 05:20:08



5.1.1.2.2 Test Channel = HCH

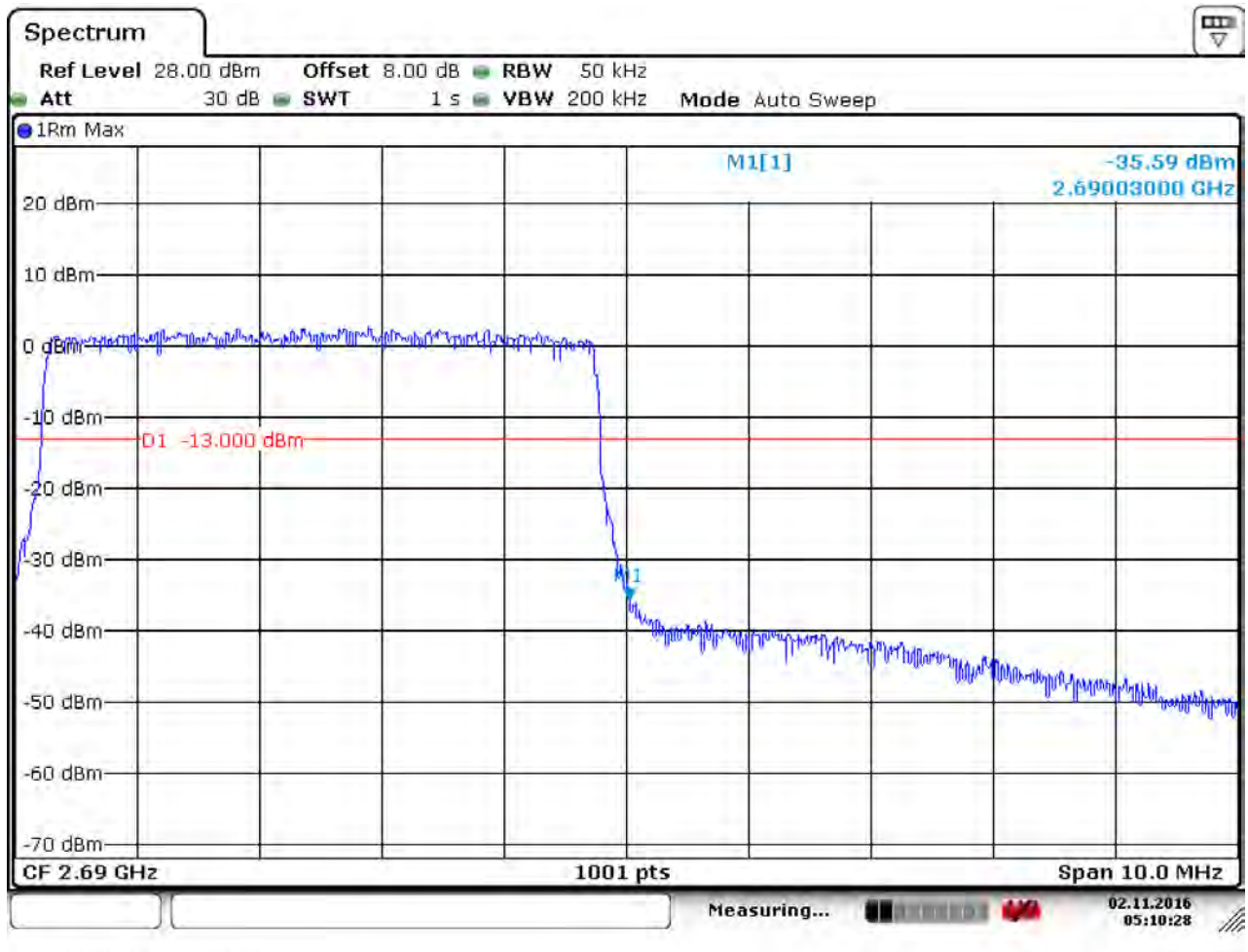
5.1.1.2.2.1 Test RB=1RB



Date: 2.NOV.2016 05:15:23



5.1.1.2.2.2 Test RB=25RB



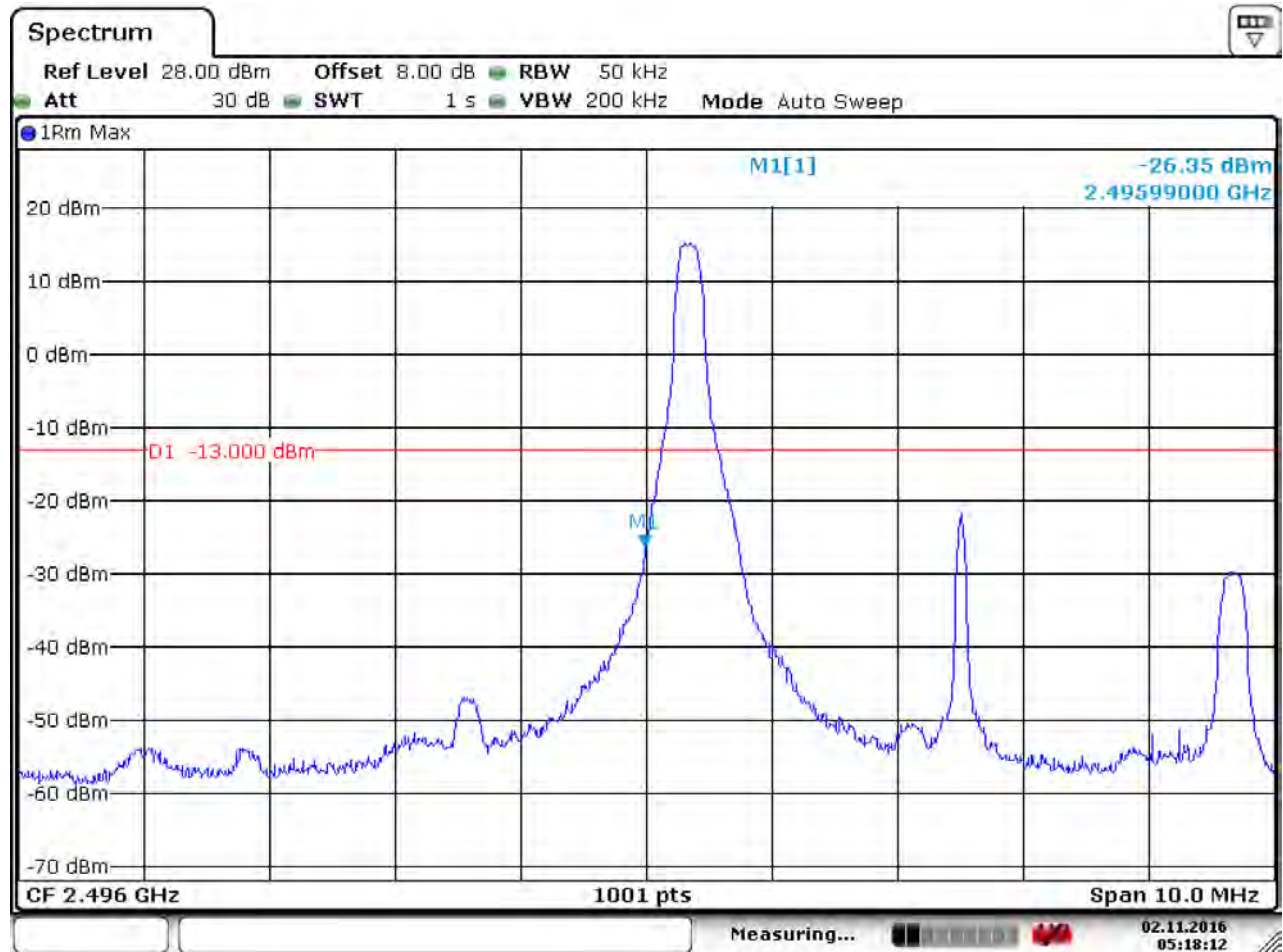
Date: 2.NOV.2016 05:10:28



5.1.1.3 Test Mode = LTE/TM3 5MHz

5.1.1.3.1 Test Channel = LCH

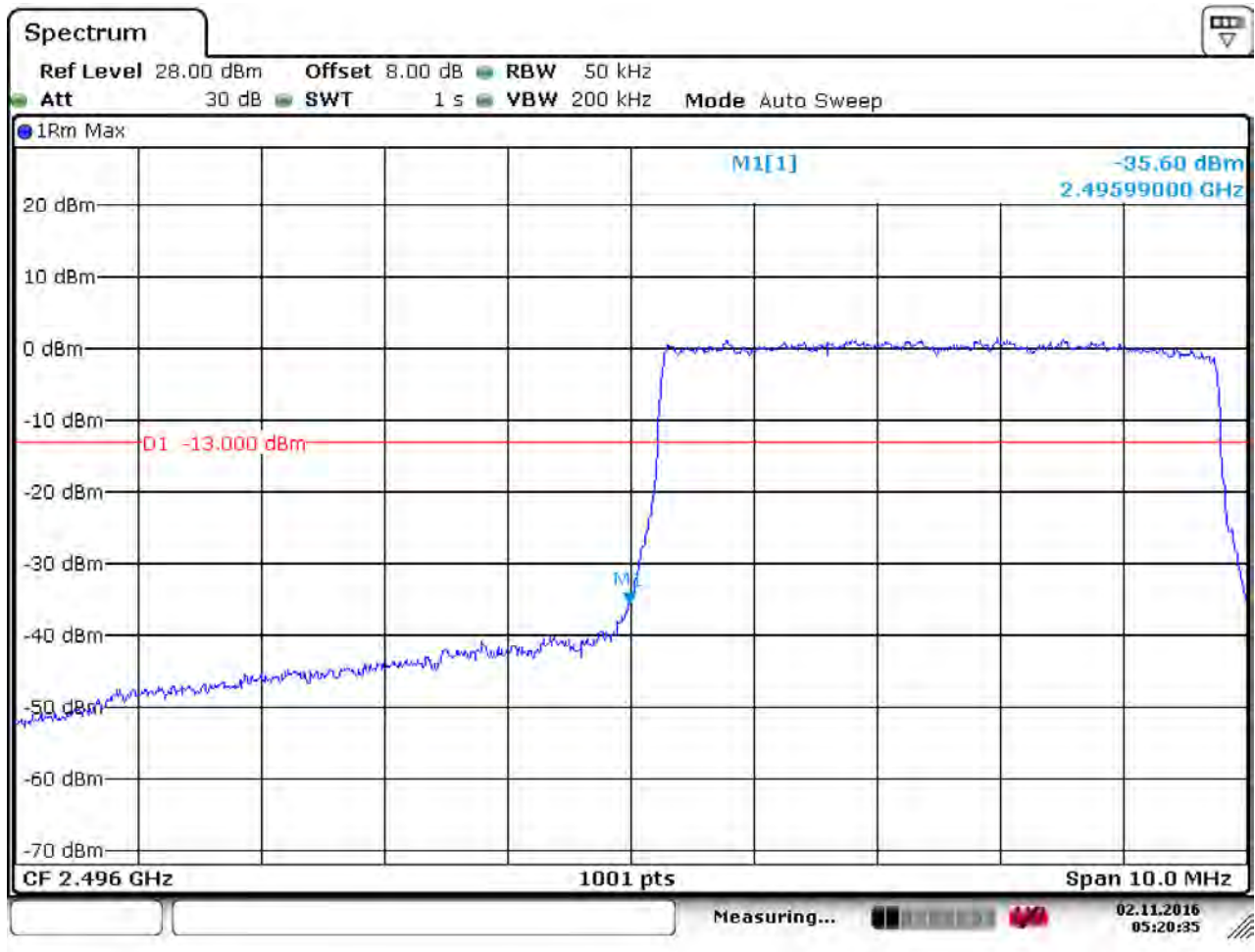
5.1.1.3.1.1 Test RB=1RB



Date: 2.NOV.2016 05:18:12



5.1.1.3.1.2 Test RB=25RB

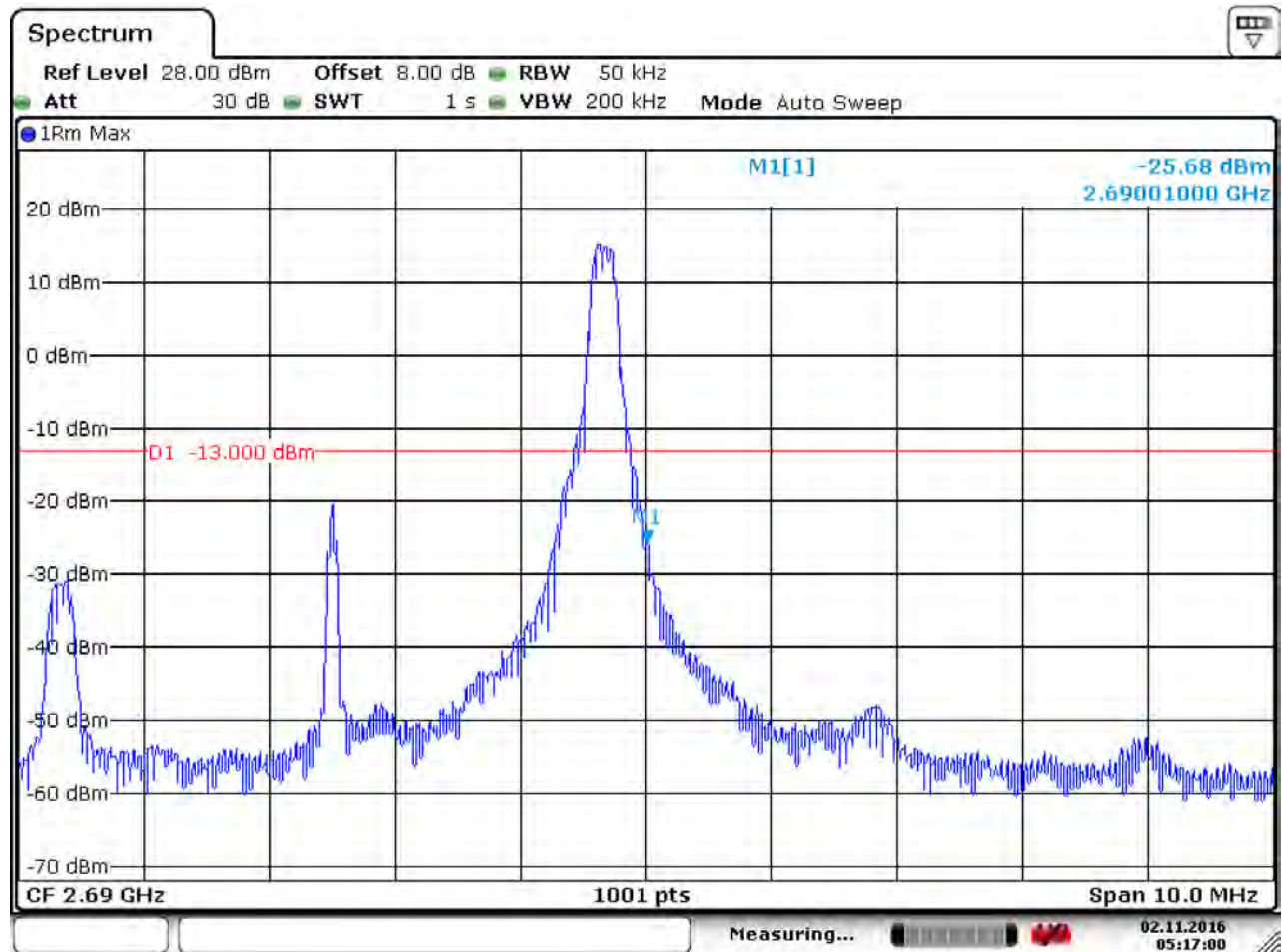


Date: 2.NOV.2016 05:20:36



5.1.1.3.2 Test Channel = HCH

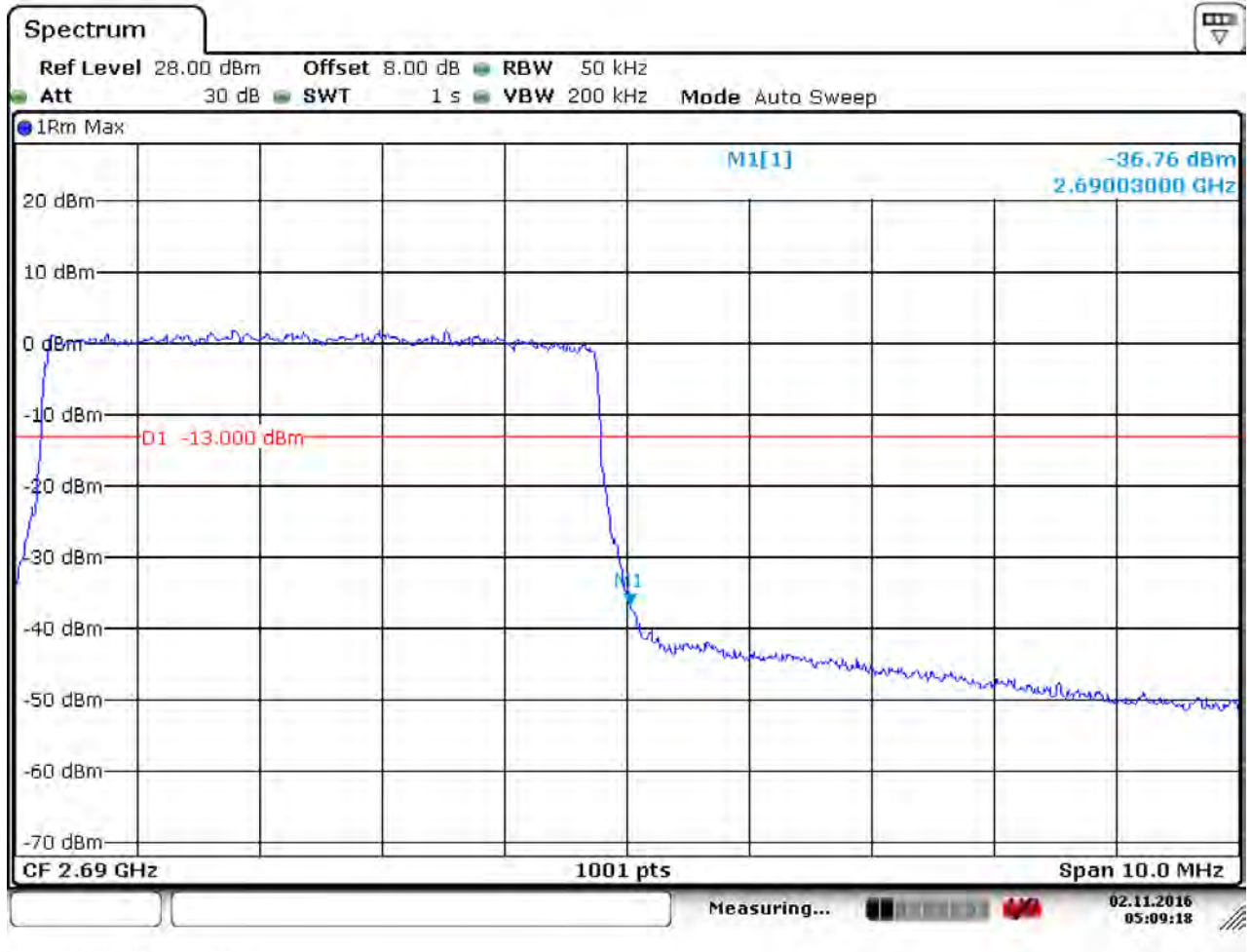
5.1.1.3.2.1 Test RB=1RB



Date: 2.NOV.2016 05:17:01



5.1.1.3.2.2 Test RB=25RB



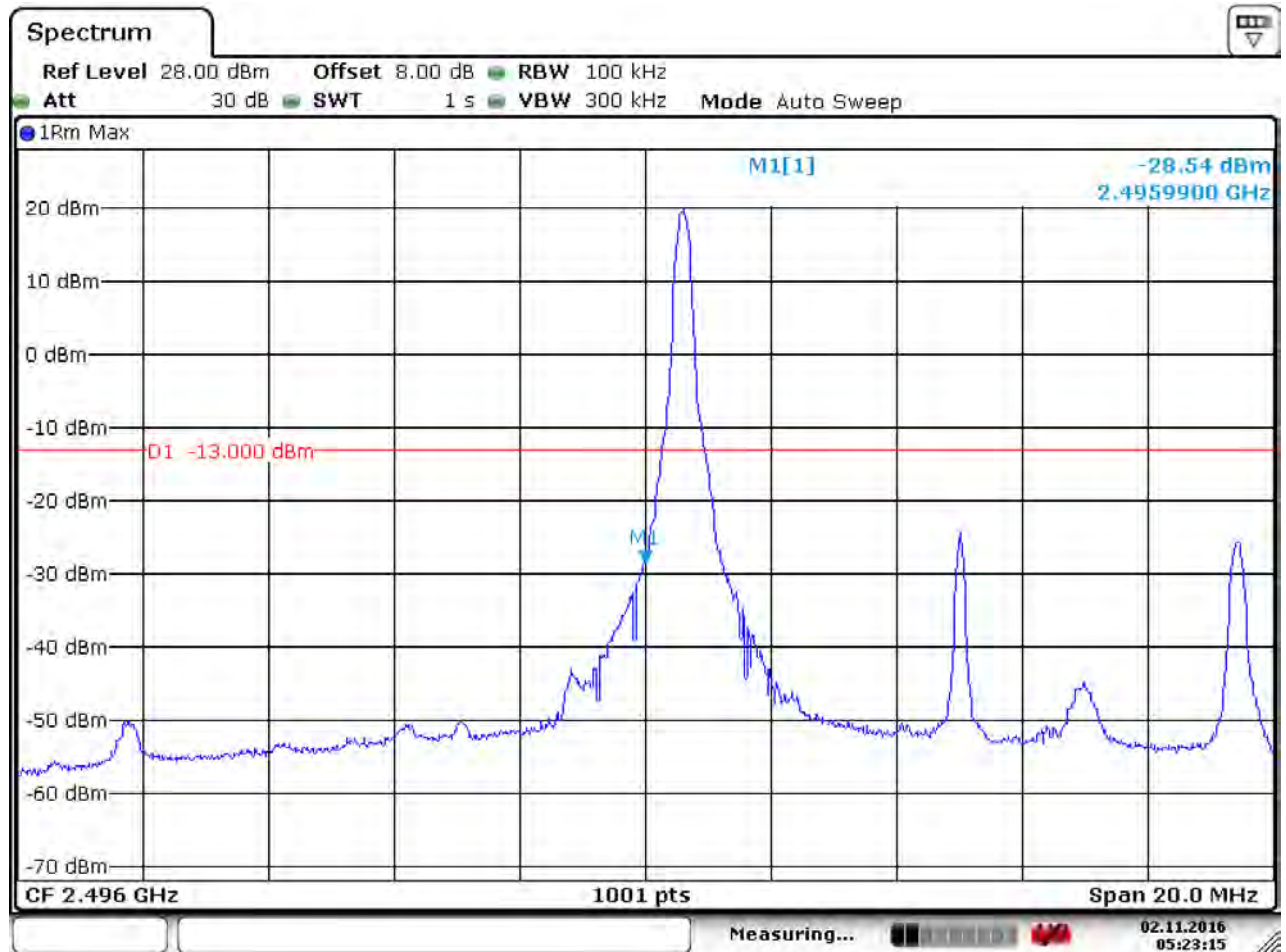
Date: 2.NOV.2016 05:09:19



5.1.1.4 Test Mode = LTE/TM1 10MHz

5.1.1.4.1 Test Channel = LCH

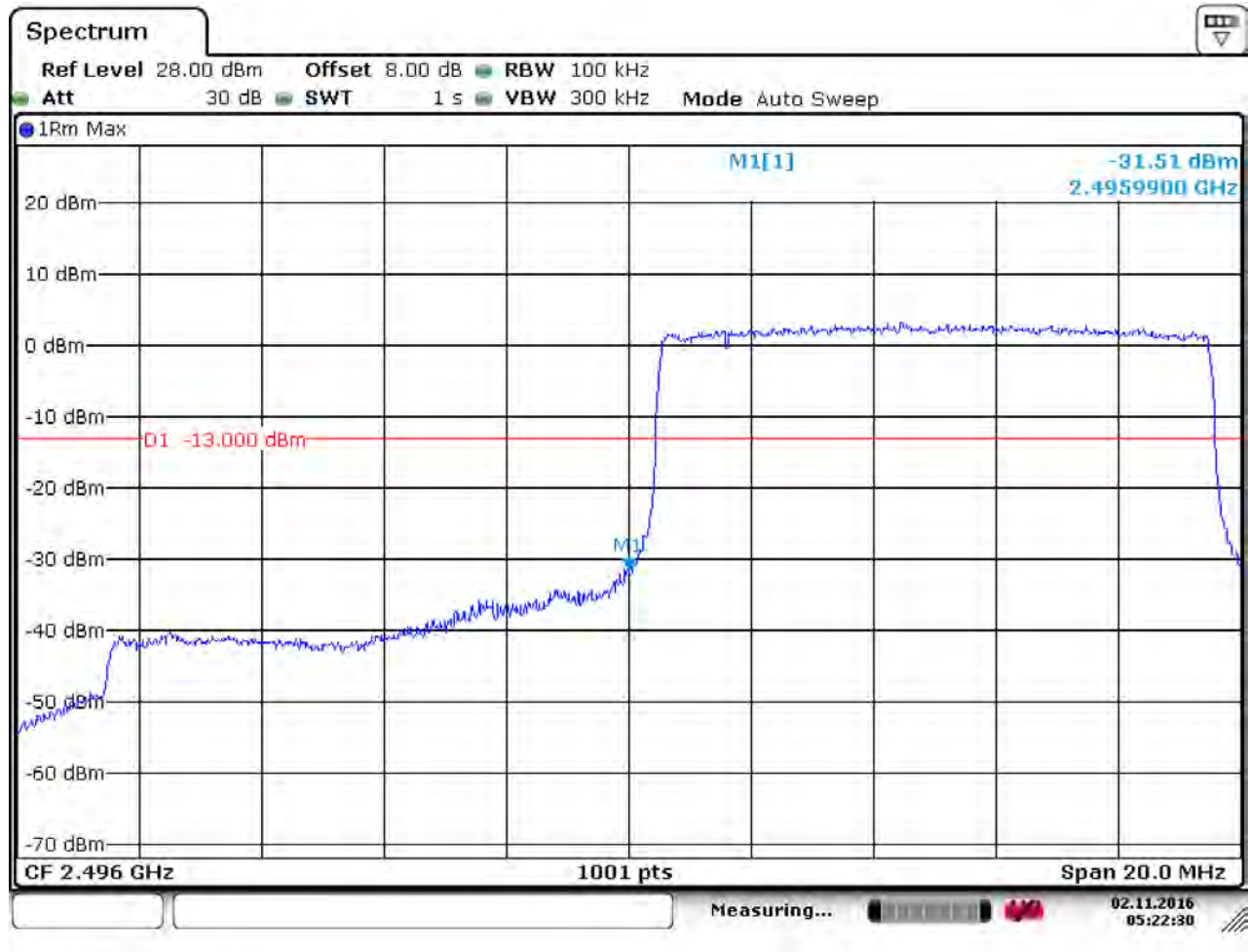
5.1.1.4.1.1 Test RB=1RB



Date: 2.NOV.2016 05:23:15



5.1.1.4.1.2 Test RB=50RB

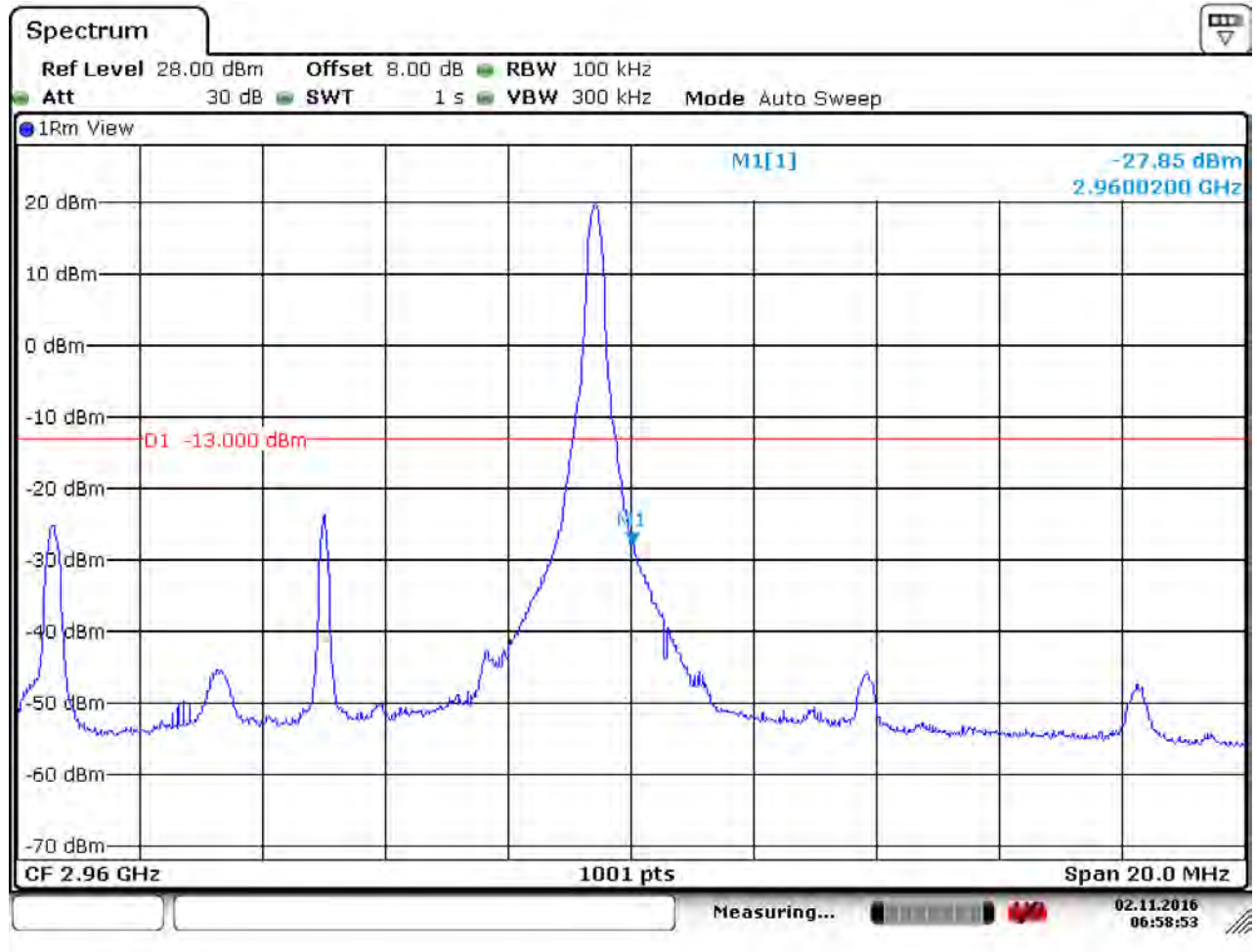


Date: 2.NOV.2016 05:22:30



5.1.1.4.2 Test Channel = HCH

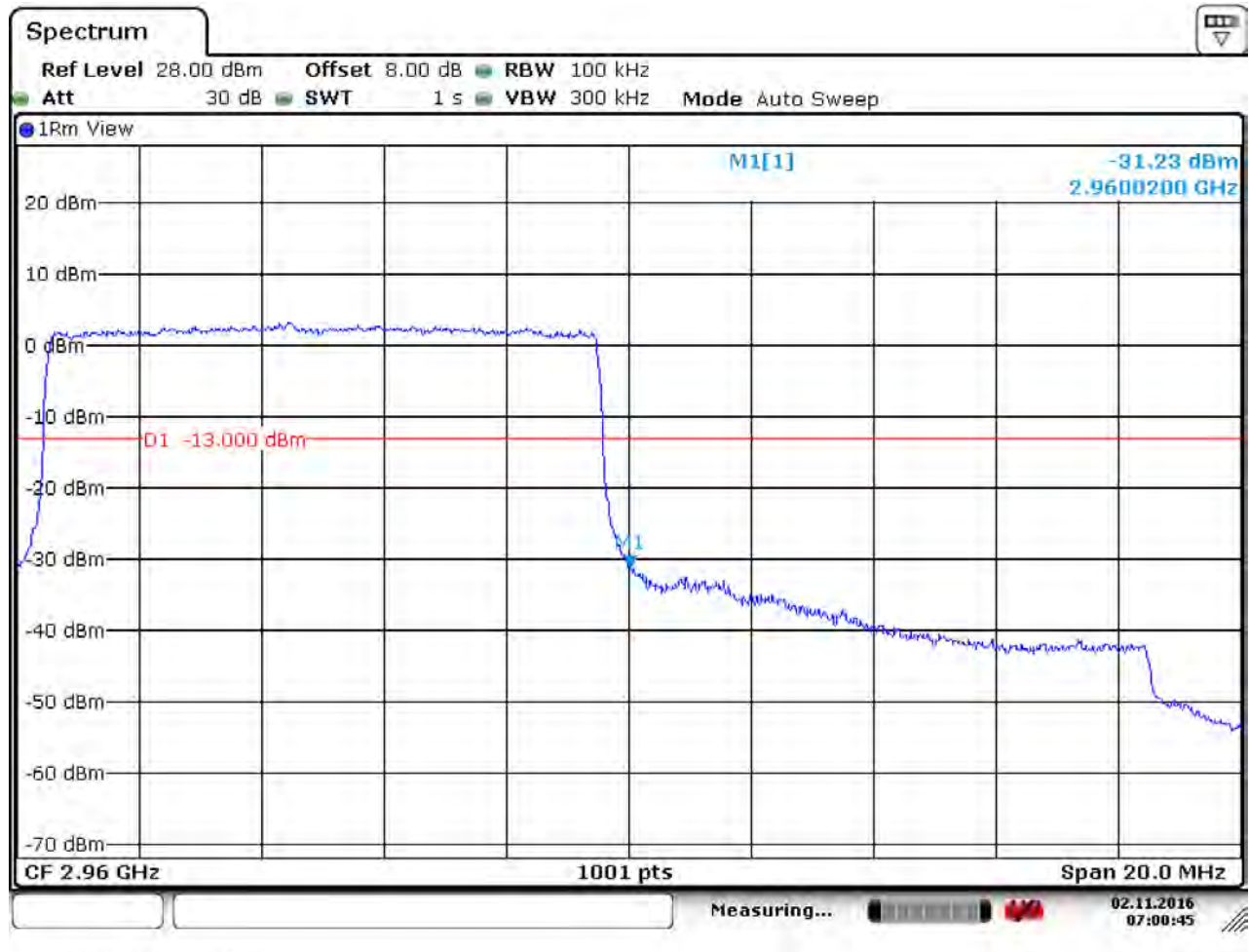
5.1.1.4.2.1 Test RB=1RB



Date: 2.NOV.2016 06:58:53



5.1.1.4.2.2 Test RB=50RB



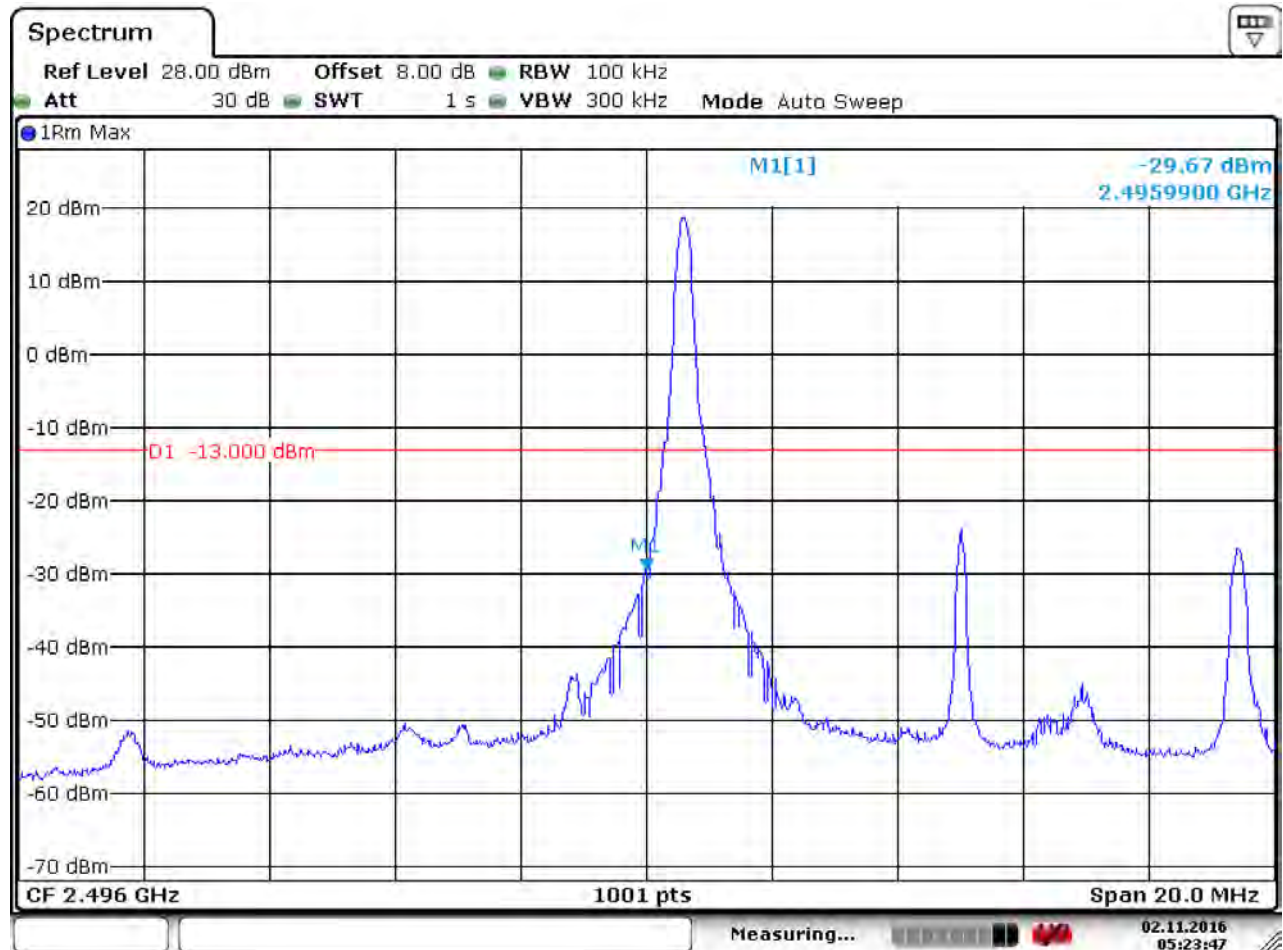
Date: 2.NOV.2016 07:00:46



5.1.1.5 Test Mode = LTE/TM2 10MHz

5.1.1.5.1 Test Channel = LCH

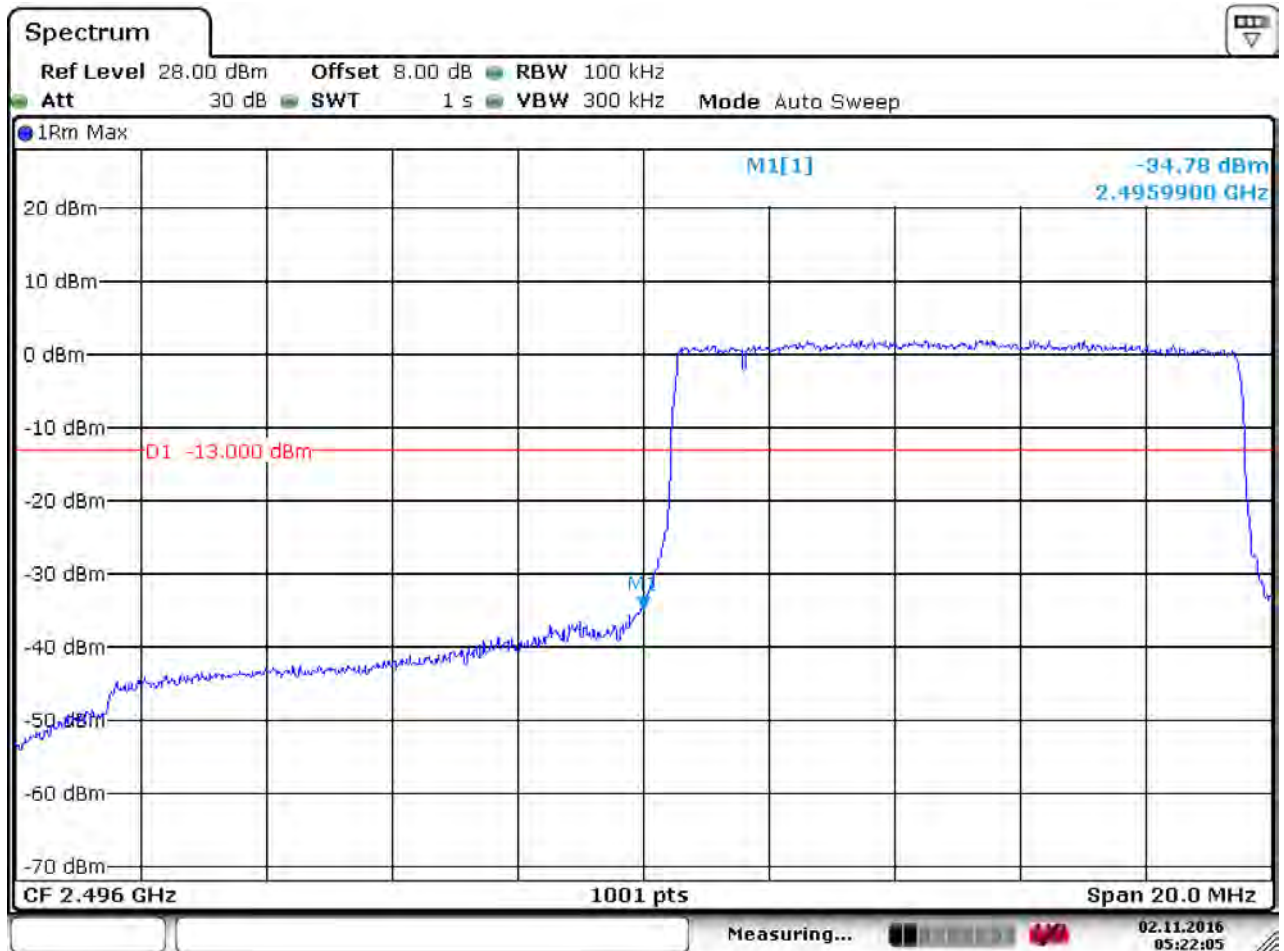
5.1.1.5.1.1 Test RB=1RB



Date: 2.NOV.2016 05:23:47



5.1.1.5.1.2 Test RB=50RB

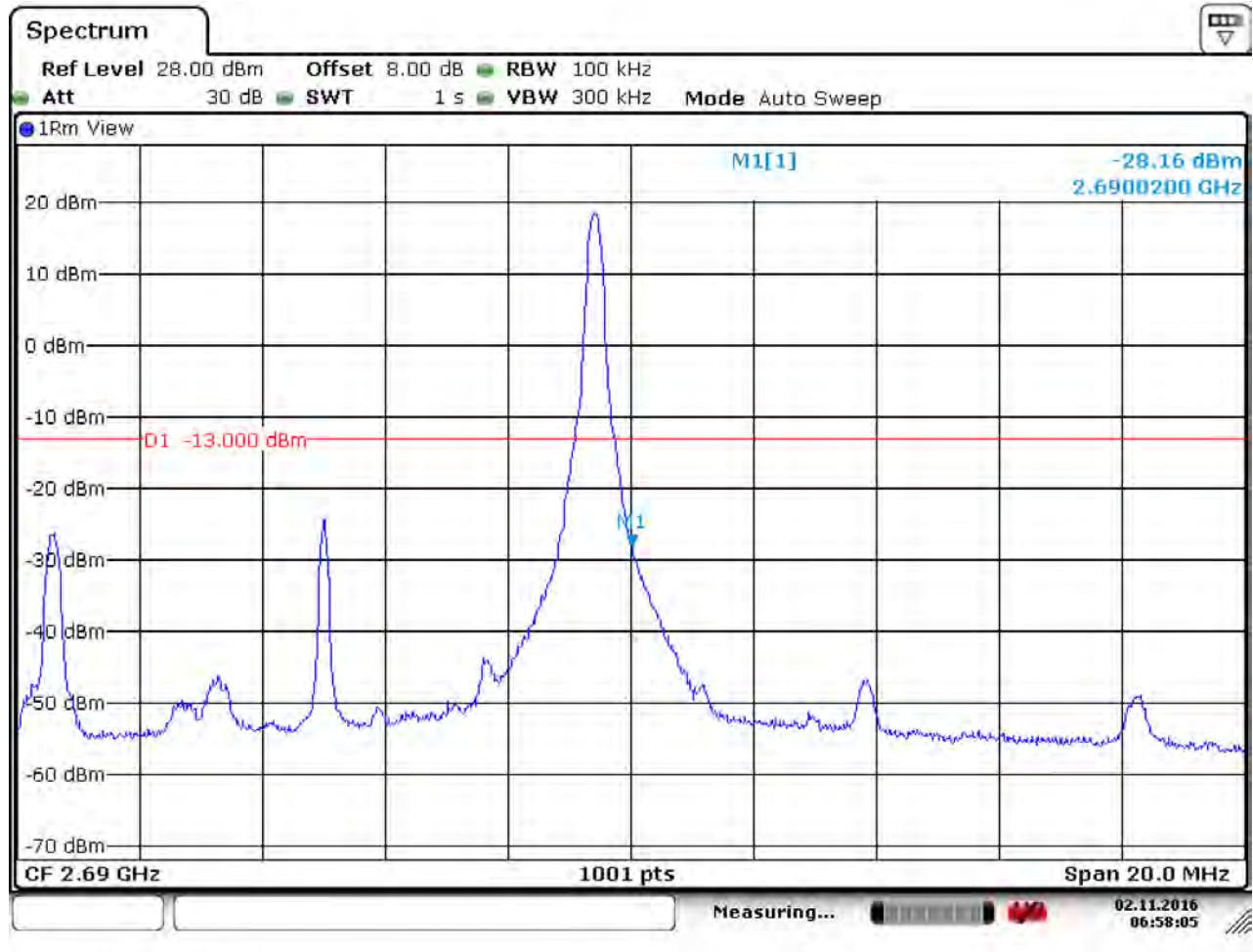


Date: 2.NOV.2016 05:22:05



5.1.1.5.2 Test Channel = HCH

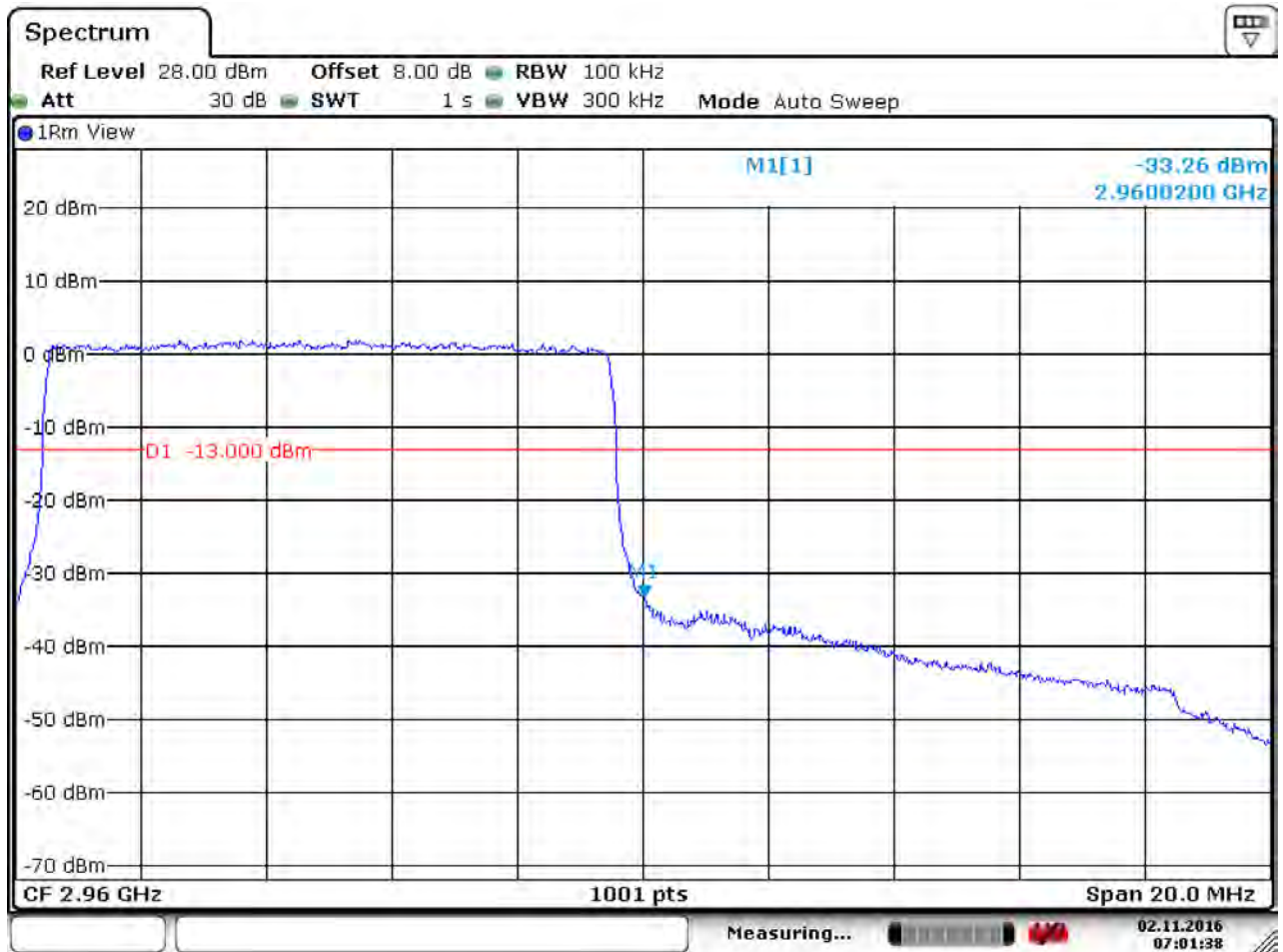
5.1.1.5.2.1 Test RB=1RB



Date: 2.NOV.2016 06:58:05



5.1.1.5.3 Test RB=50RB



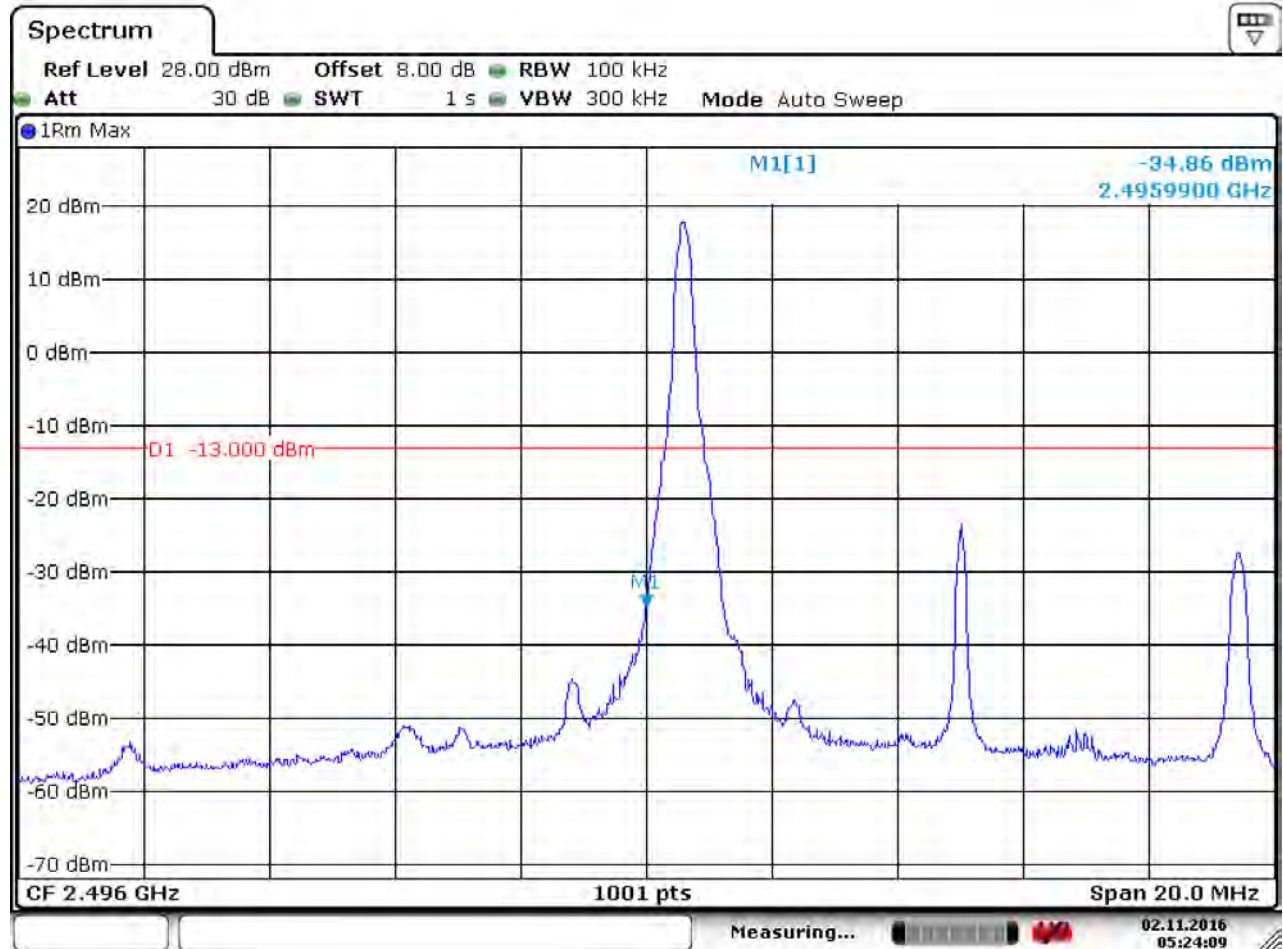
Date: 2.NOV.2016 07:01:39



5.1.1.6 Test Mode = LTE/TM3 10MHz

5.1.1.6.1 Test Channel = LCH

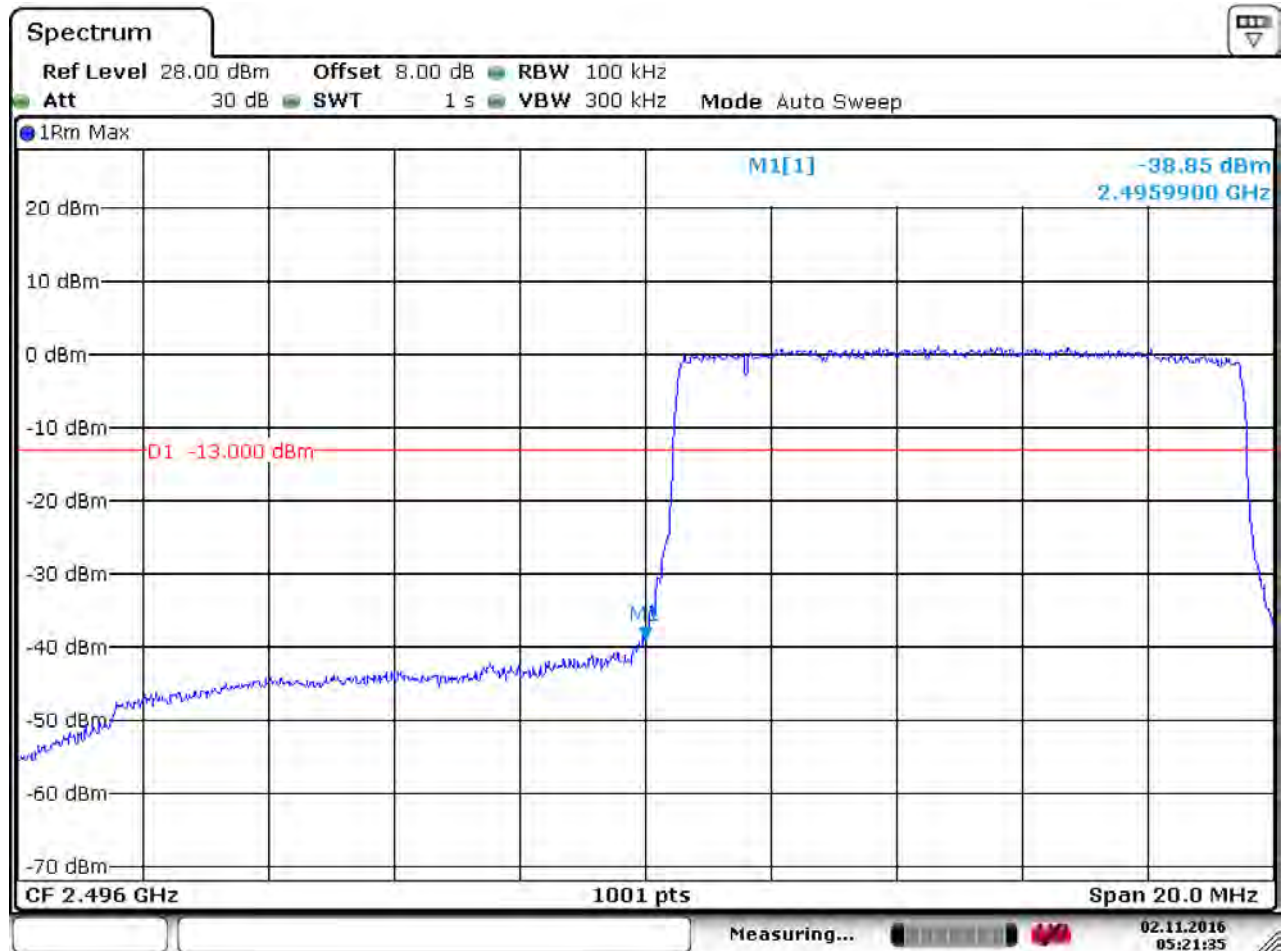
5.1.1.6.2 Test RB=1RB



Date: 2.NOV.2016 05:24:10



5.1.1.6.2.1 Test RB=50RB

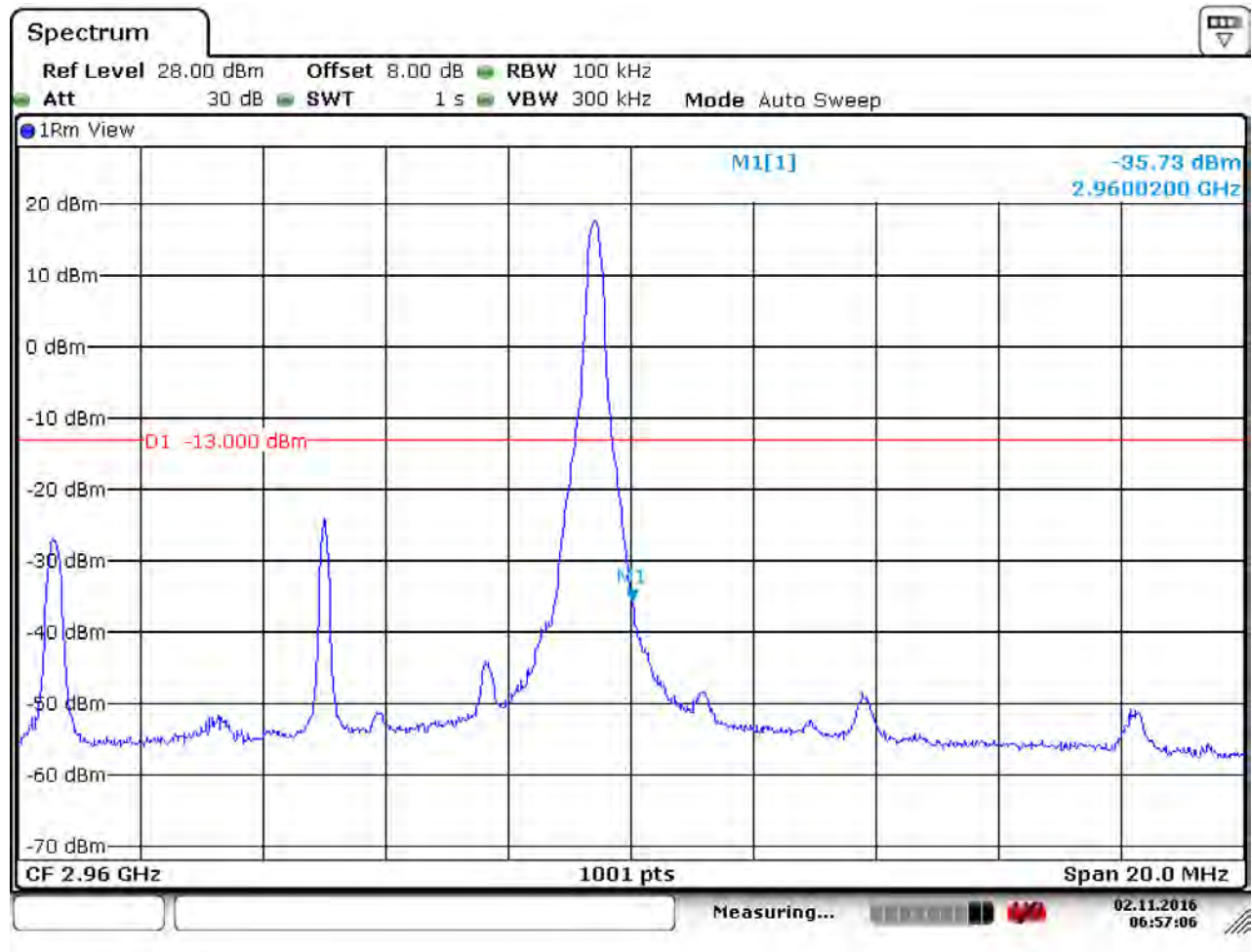


Date: 2.NOV.2016 05:21:36



5.1.1.6.3 Test Channel = HCH

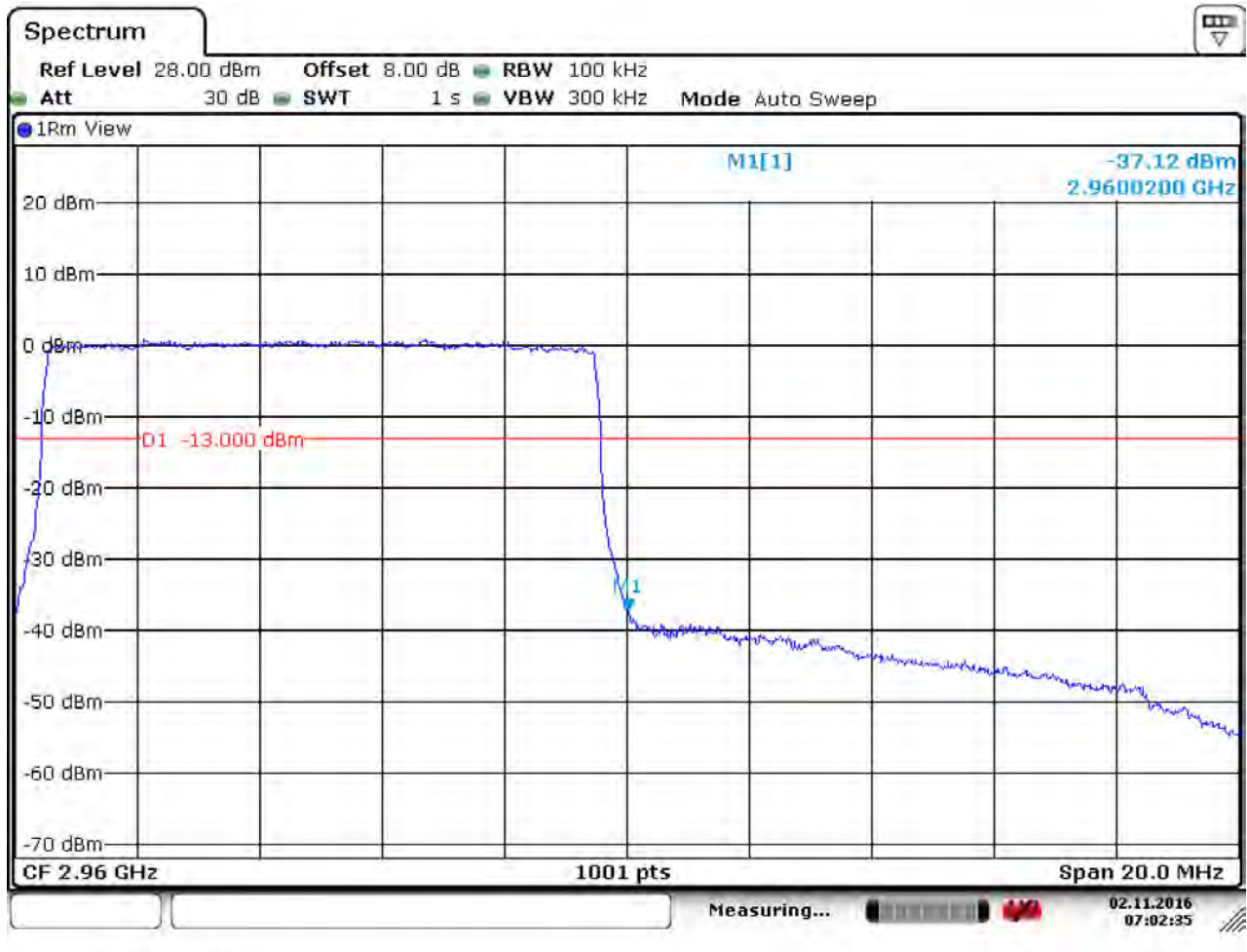
5.1.1.6.3.1 Test RB=1RB



Date: 2.NOV.2016 06:57:06



5.1.1.6.3.2 Test RB=50RB



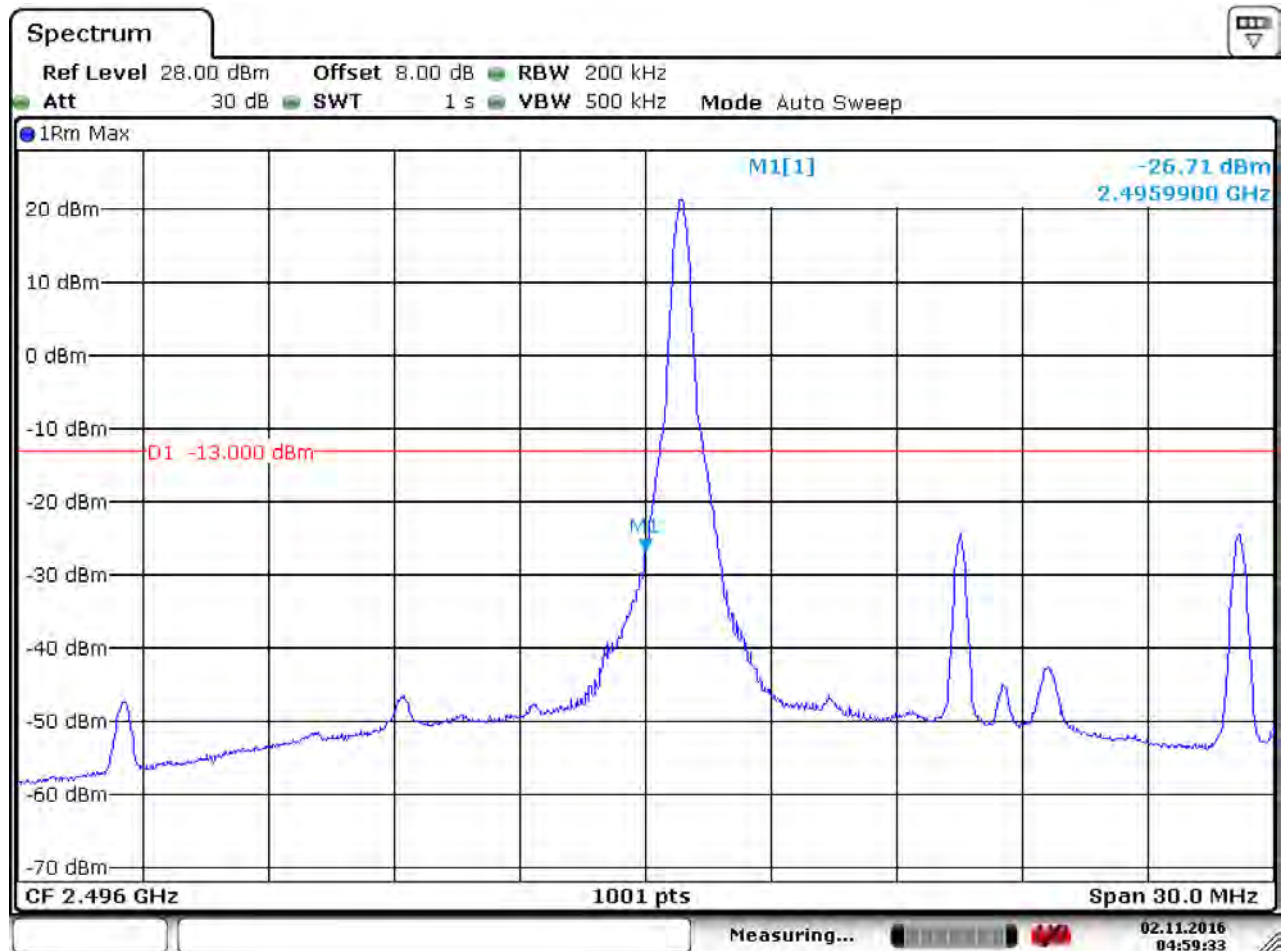
Date: 2.NOV.2016 07:02:35



5.1.1.7 Test Mode = LTE/TM1 15MHz

5.1.1.7.1 Test Channel = LCH

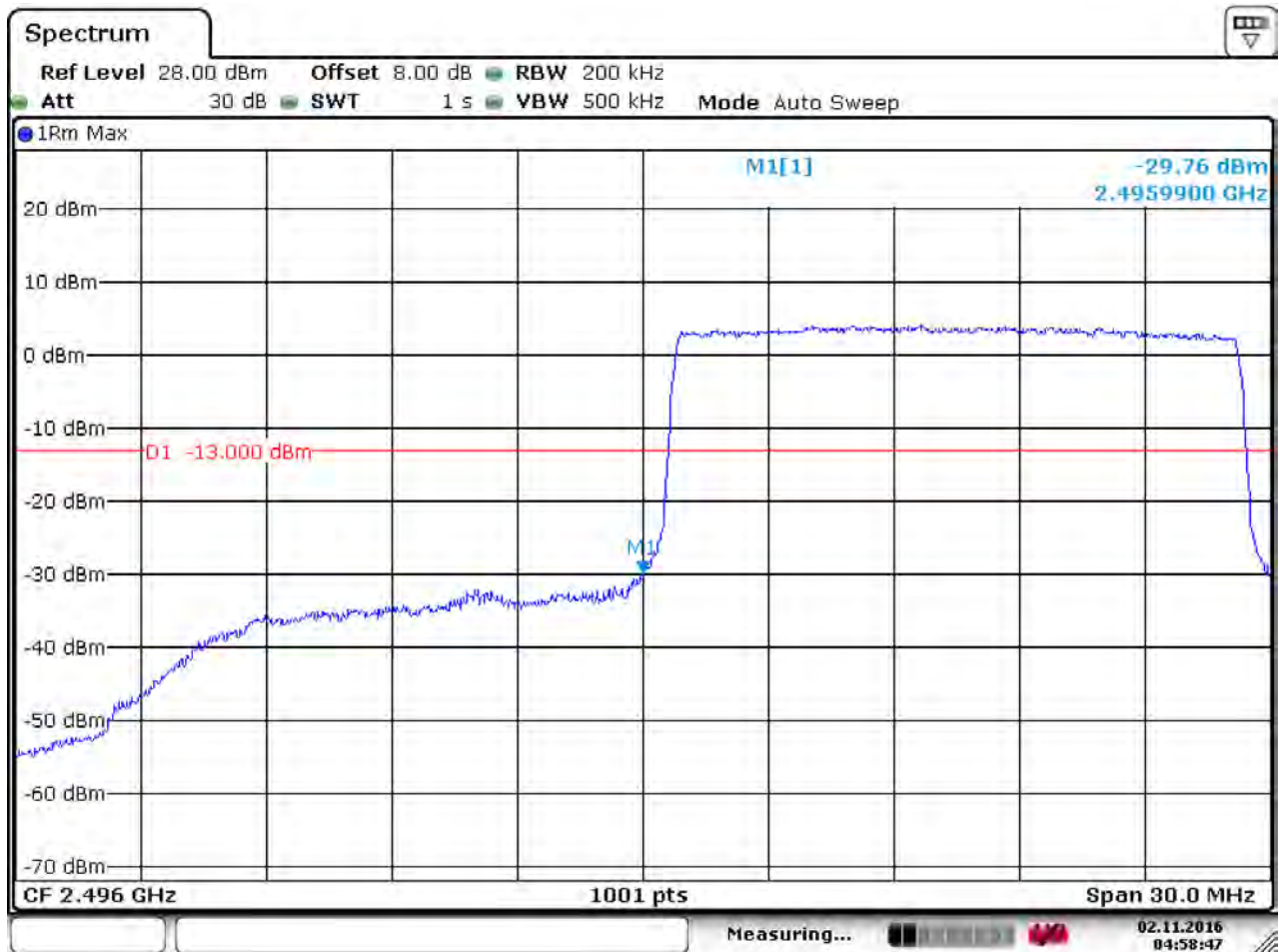
5.1.1.7.1.1 Test RB=1RB



Date: 2.NOV.2016 04:59:33



5.1.1.7.1.2 Test RB=75RB

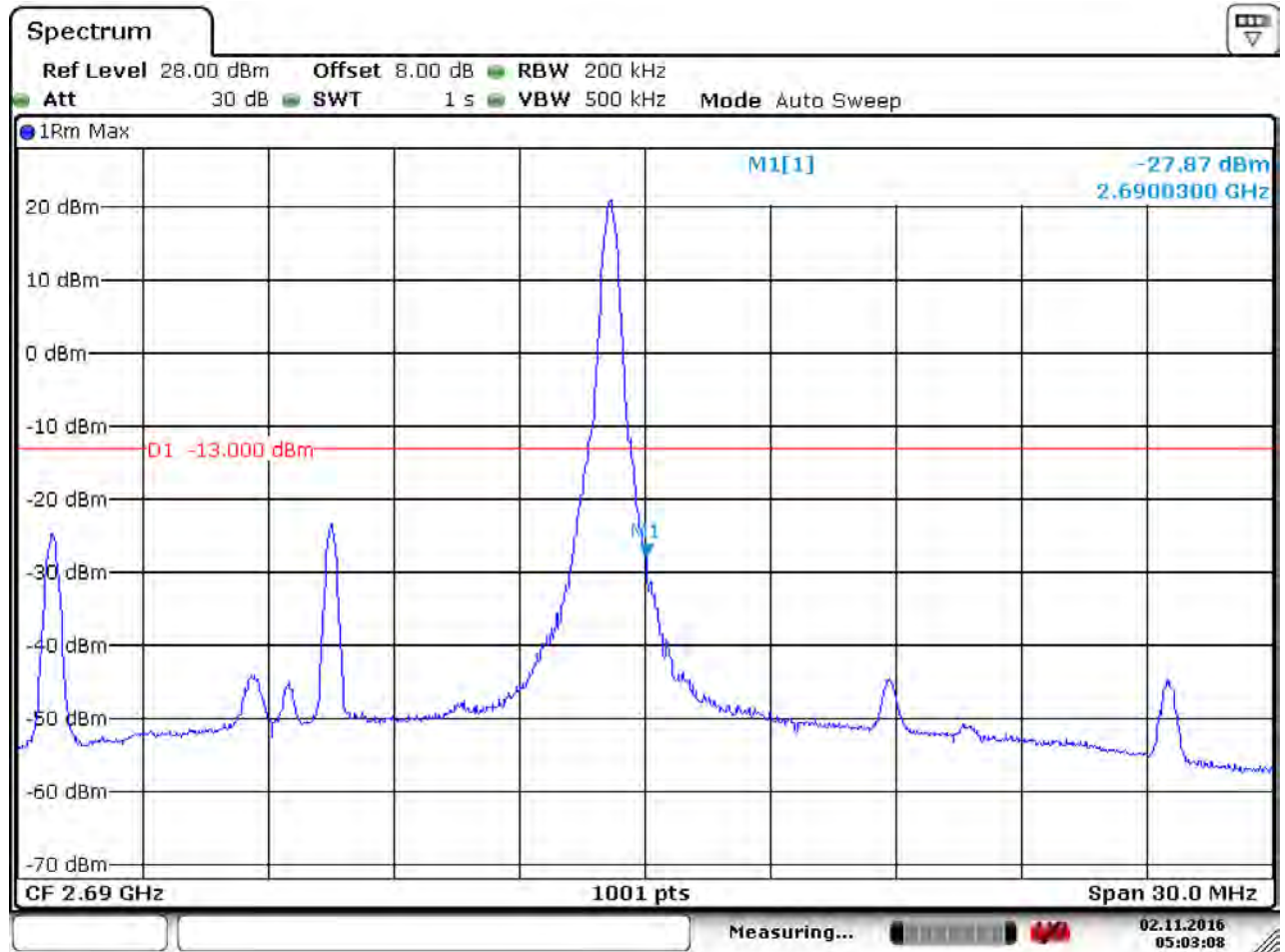


Date: 2.NOV.2016 04:58:48



5.1.1.7.2 Test Channel = HCH

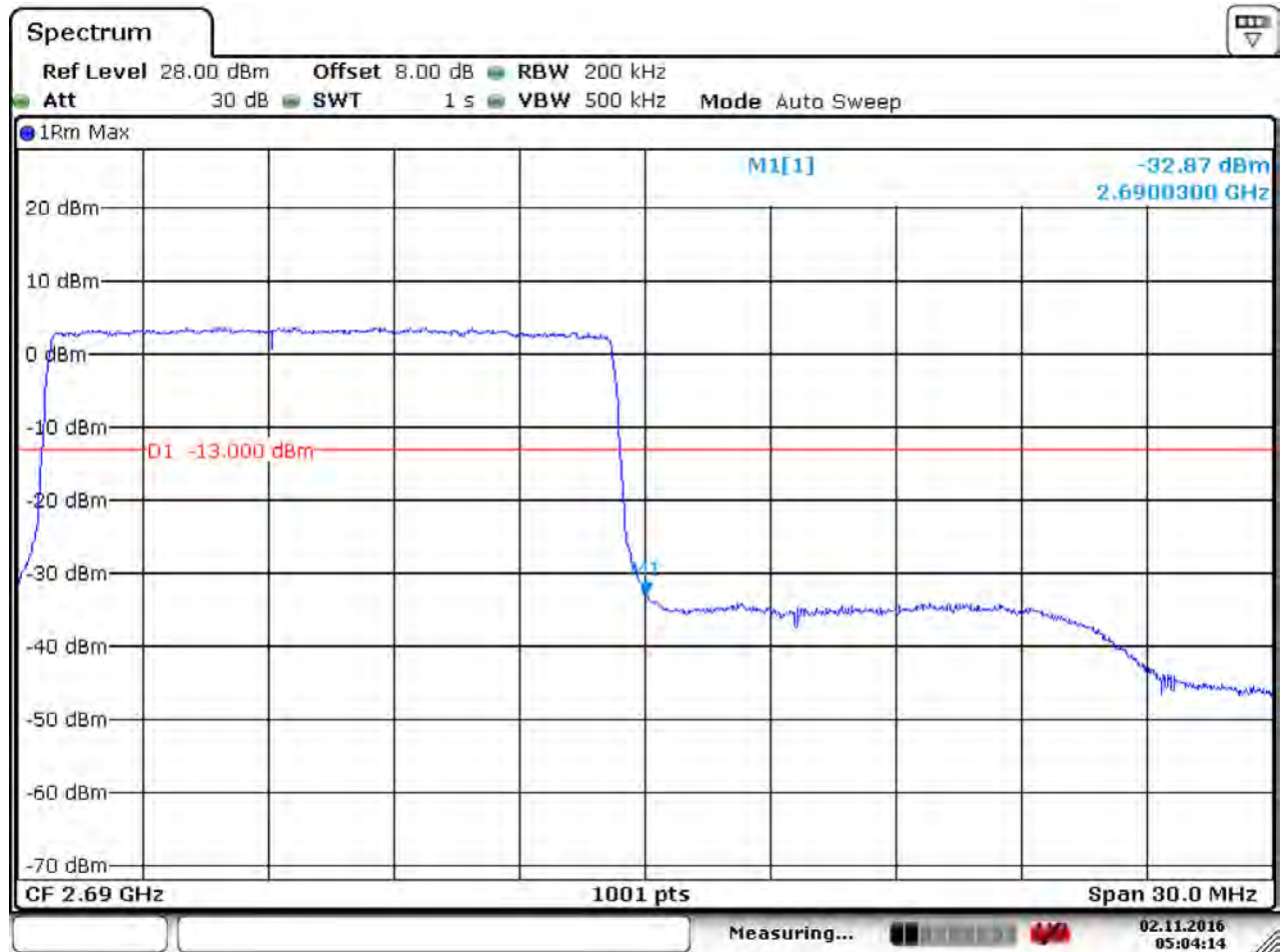
5.1.1.7.2.1 Test RB=1RB



Date: 2.NOV.2016 05:03:08



5.1.1.7.2.2 Test RB=75RB



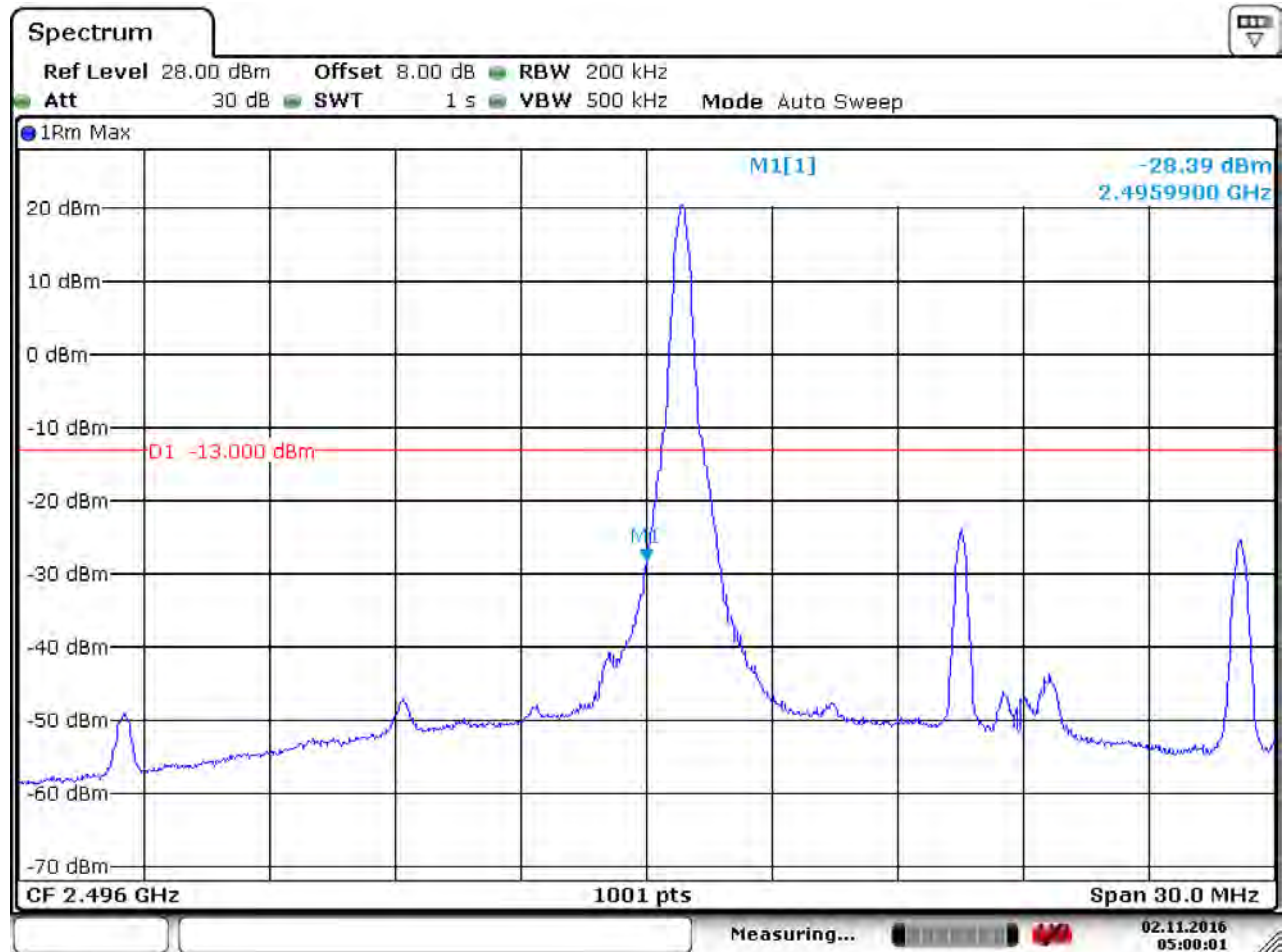
Date: 2.NOV.2016 05:04:14



5.1.1.8 Test Mode = LTE/TM2 15MHz

5.1.1.8.1 Test Channel = LCH

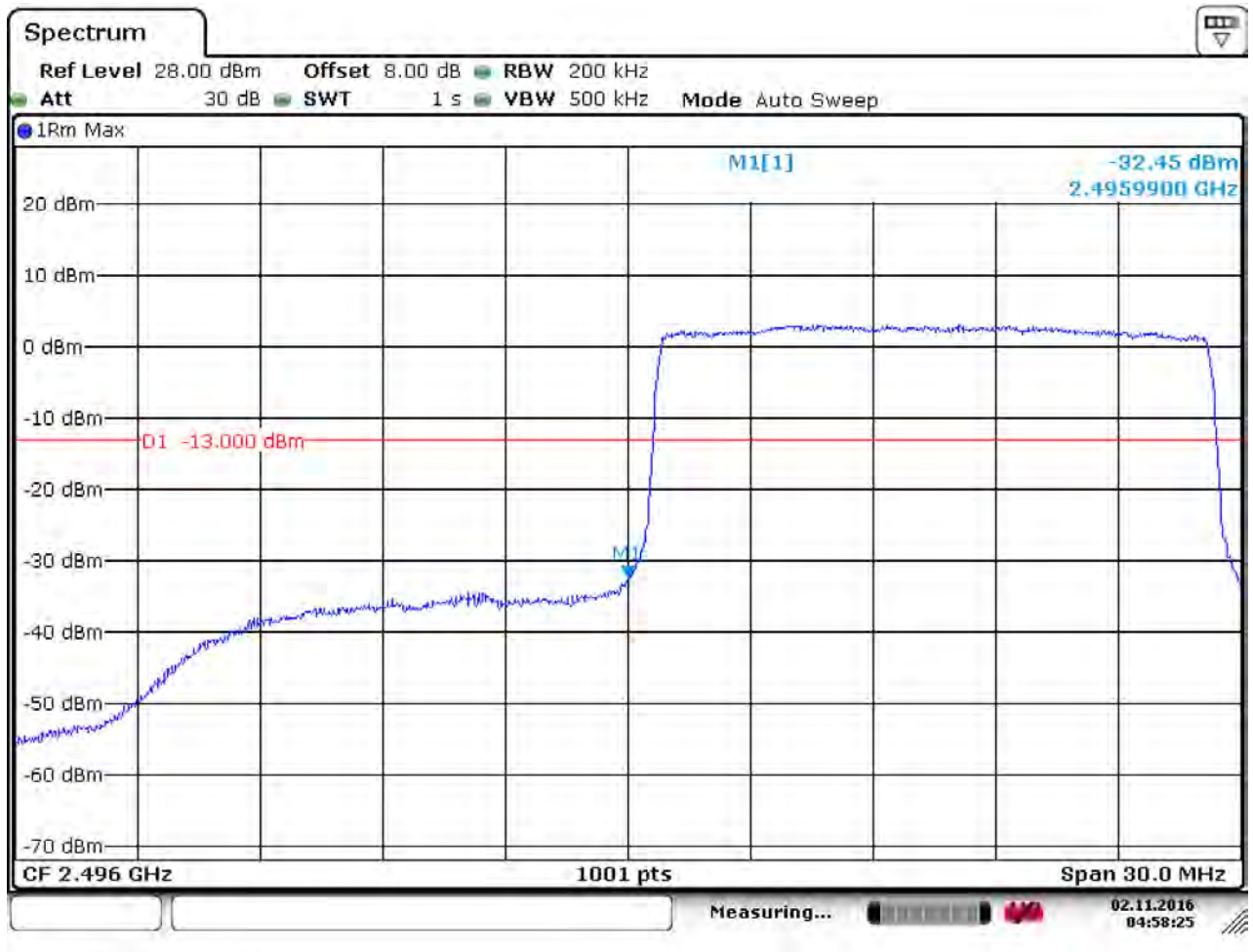
5.1.1.8.1.1 Test RB=1RB



Date: 2.NOV.2016 05:00:01



5.1.1.8.1.2 Test RB=75RB

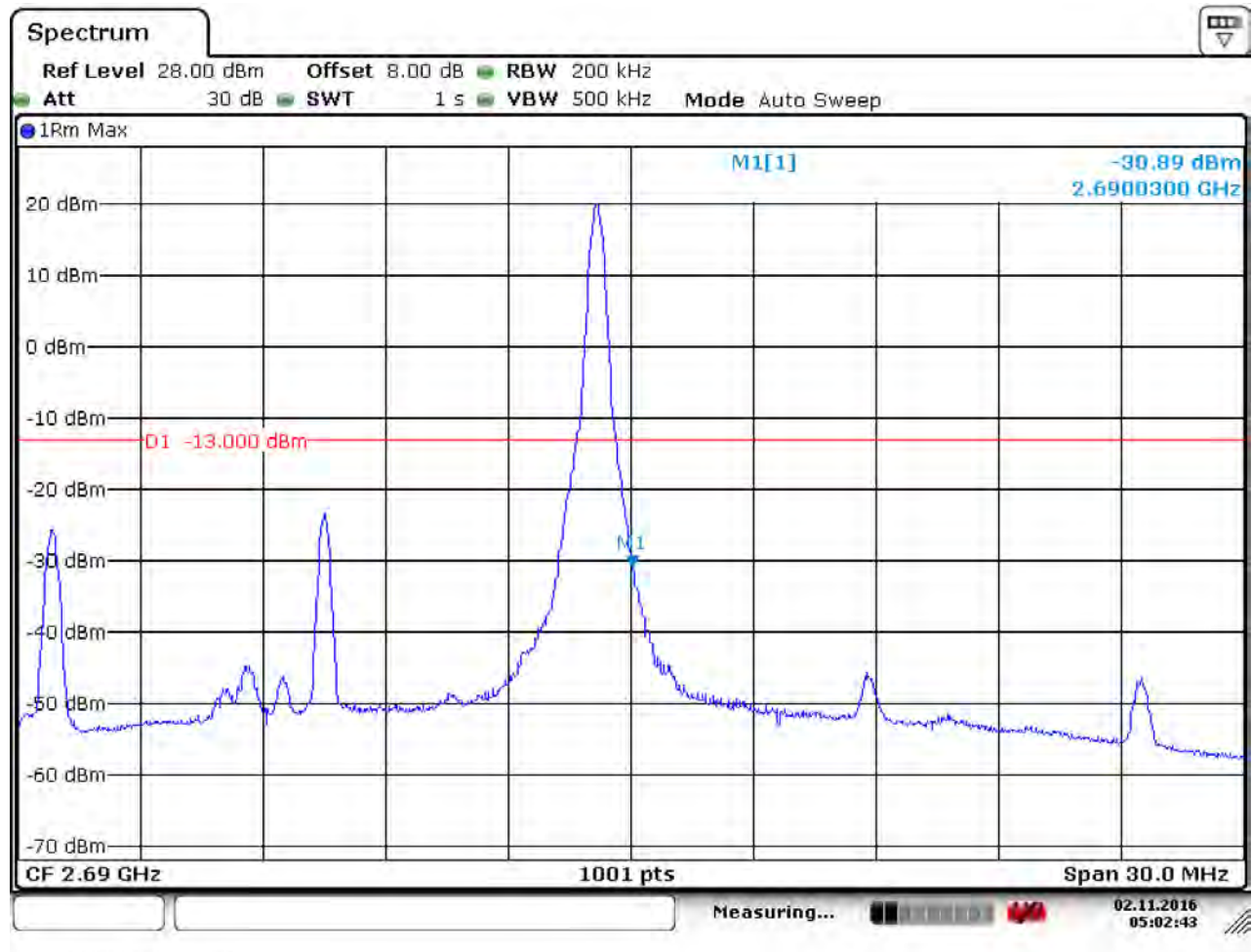


Date: 2.NOV.2016 04:58:25



5.1.1.8.2 Test Channel = HCH

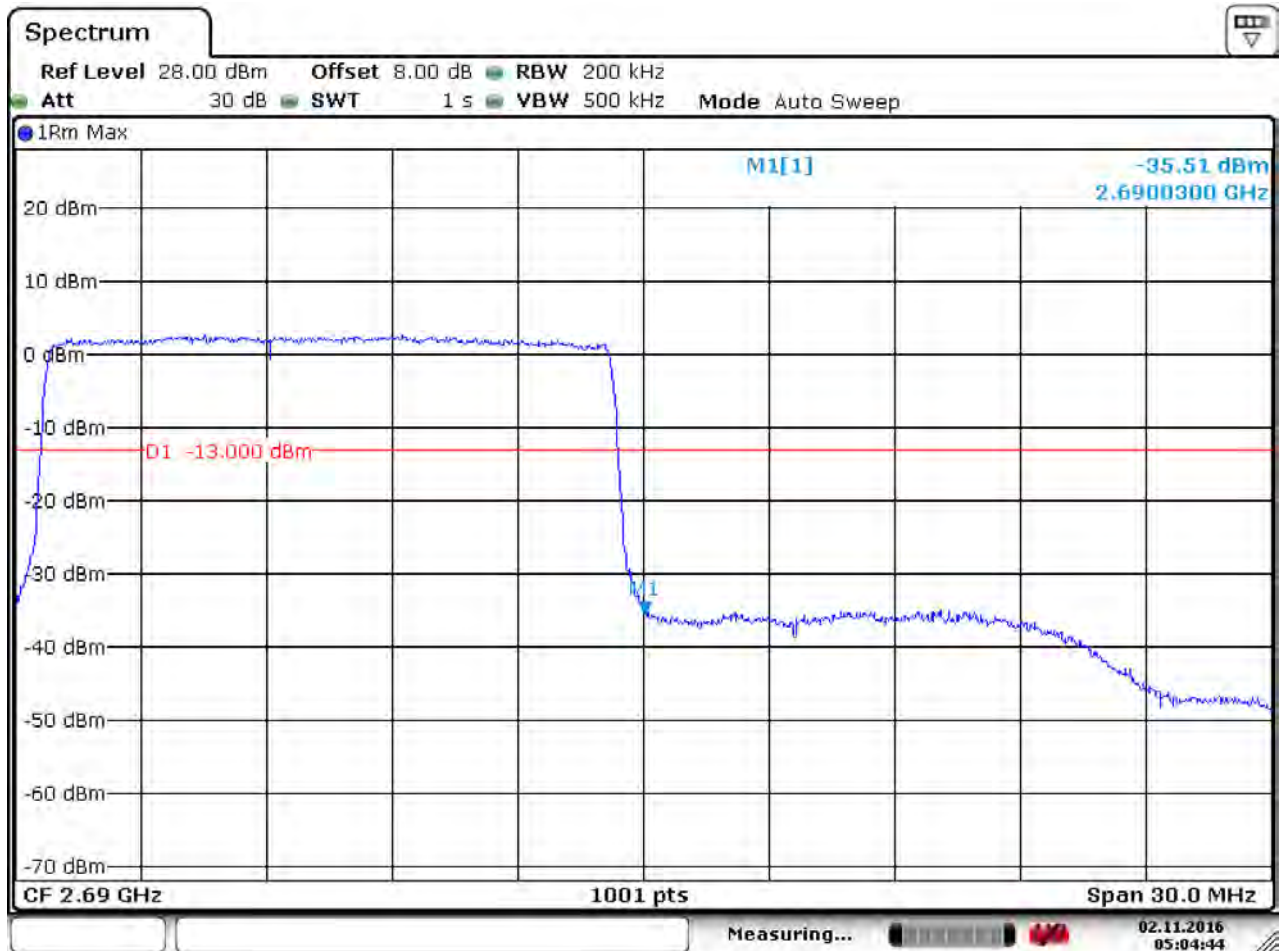
5.1.1.8.2.1 Test RB=1RB



Date: 2.NOV.2016 05:02:43



5.1.1.8.2.2 Test RB=75RB



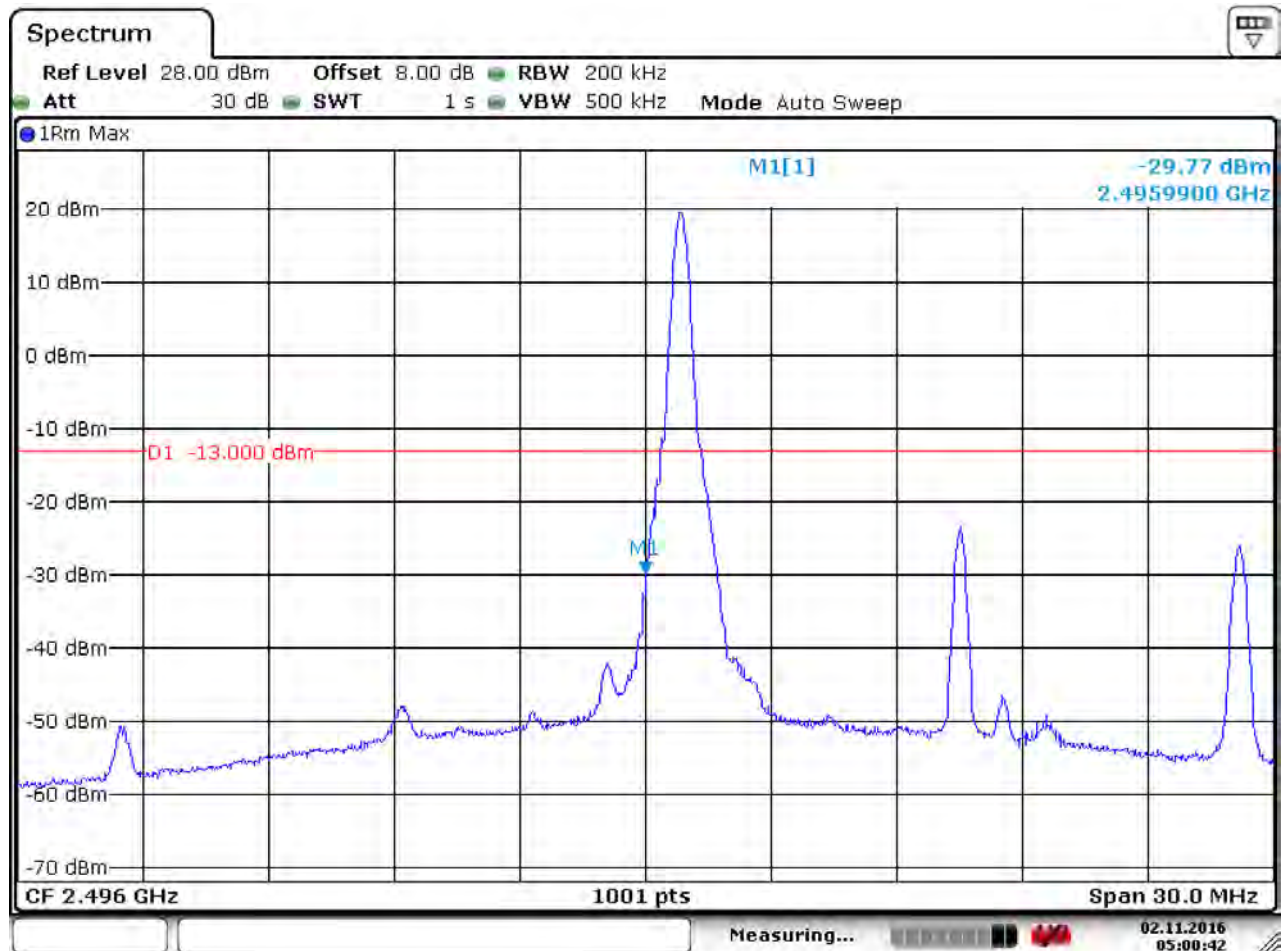
Date: 2.NOV.2016 05:04:45



5.1.1.9 Test Mode = LTE/TM3 15MHz

5.1.1.9.1 Test Channel = LCH

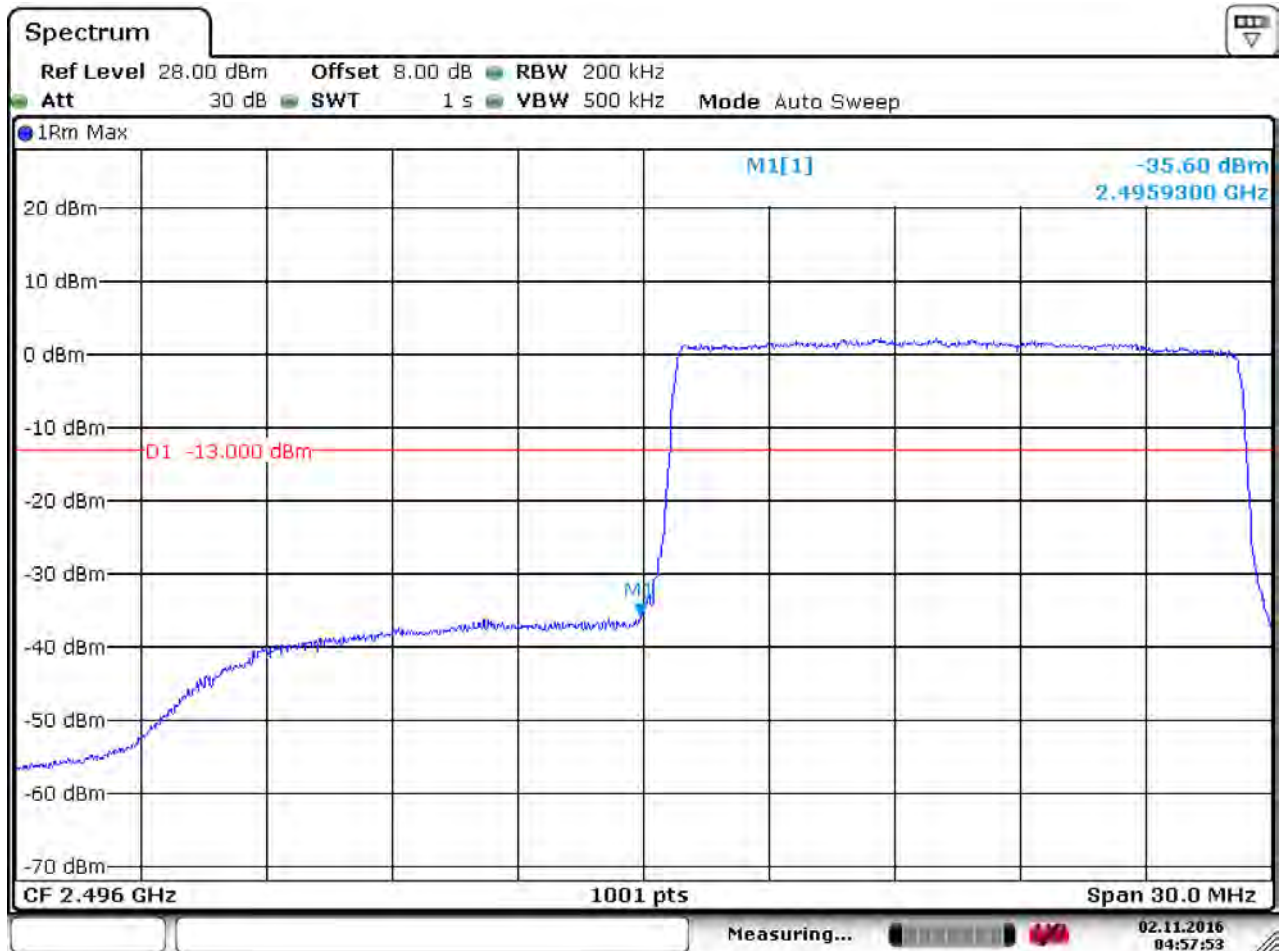
5.1.1.9.1.1 Test RB=1RB



Date: 2.NOV.2016 05:00:42



5.1.1.9.1.2 Test RB=75RB

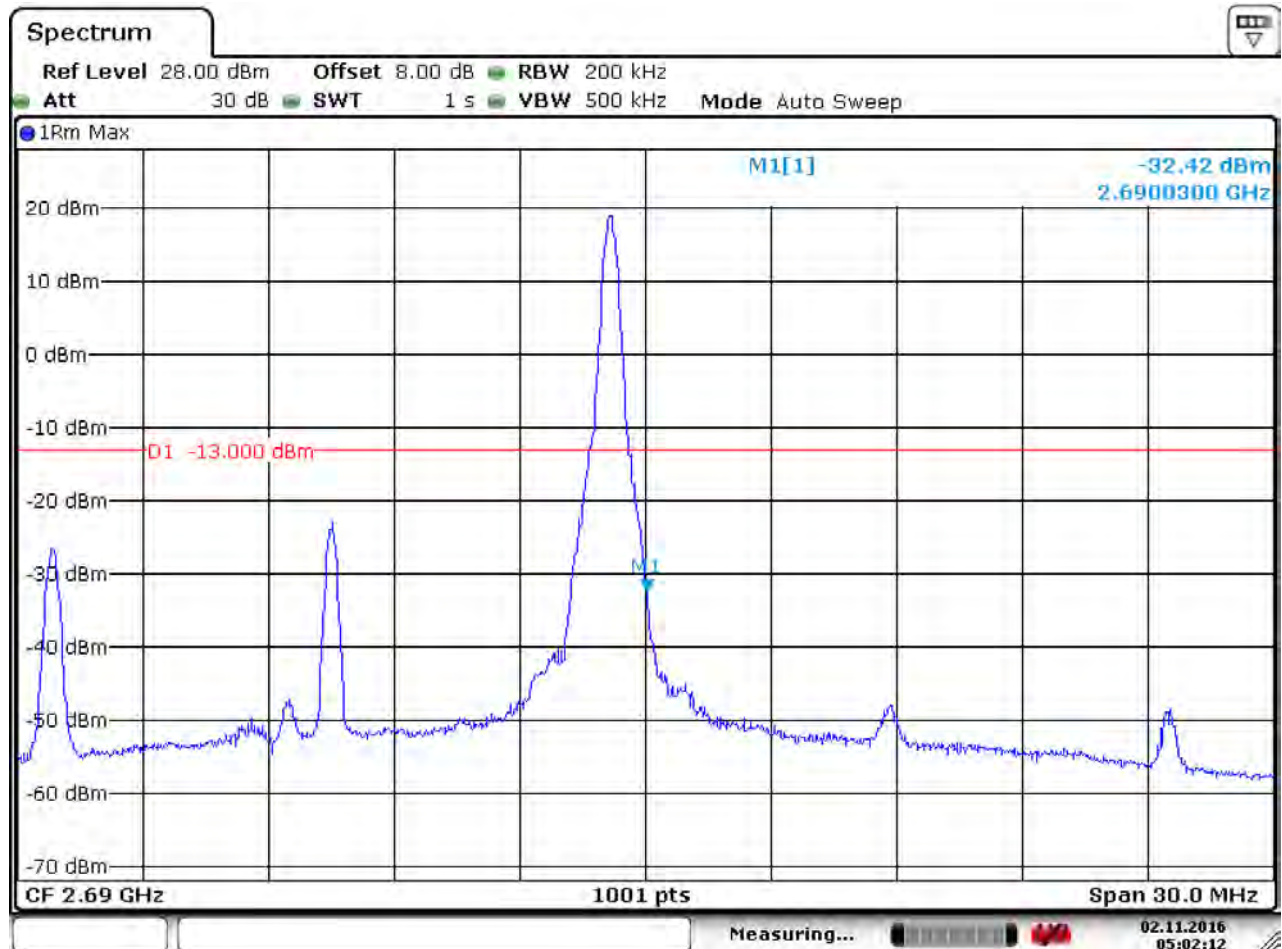


Date: 2.NOV.2016 04:57:54



5.1.1.9.2 Test Channel = HCH

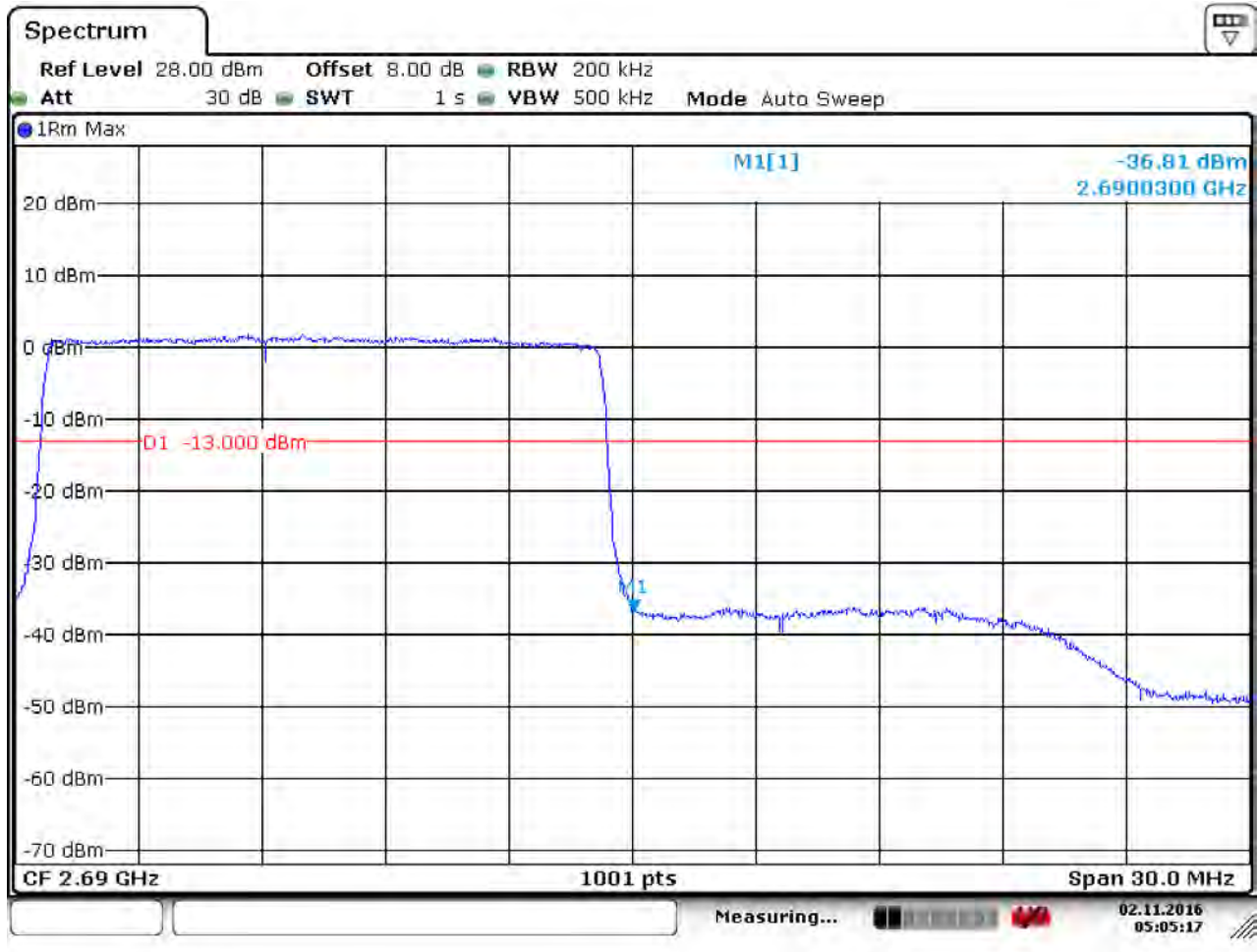
5.1.1.9.2.1 Test RB=1RB



Date: 2.NOV.2016 05:02:12



5.1.1.9.2.2 Test RB=75RB



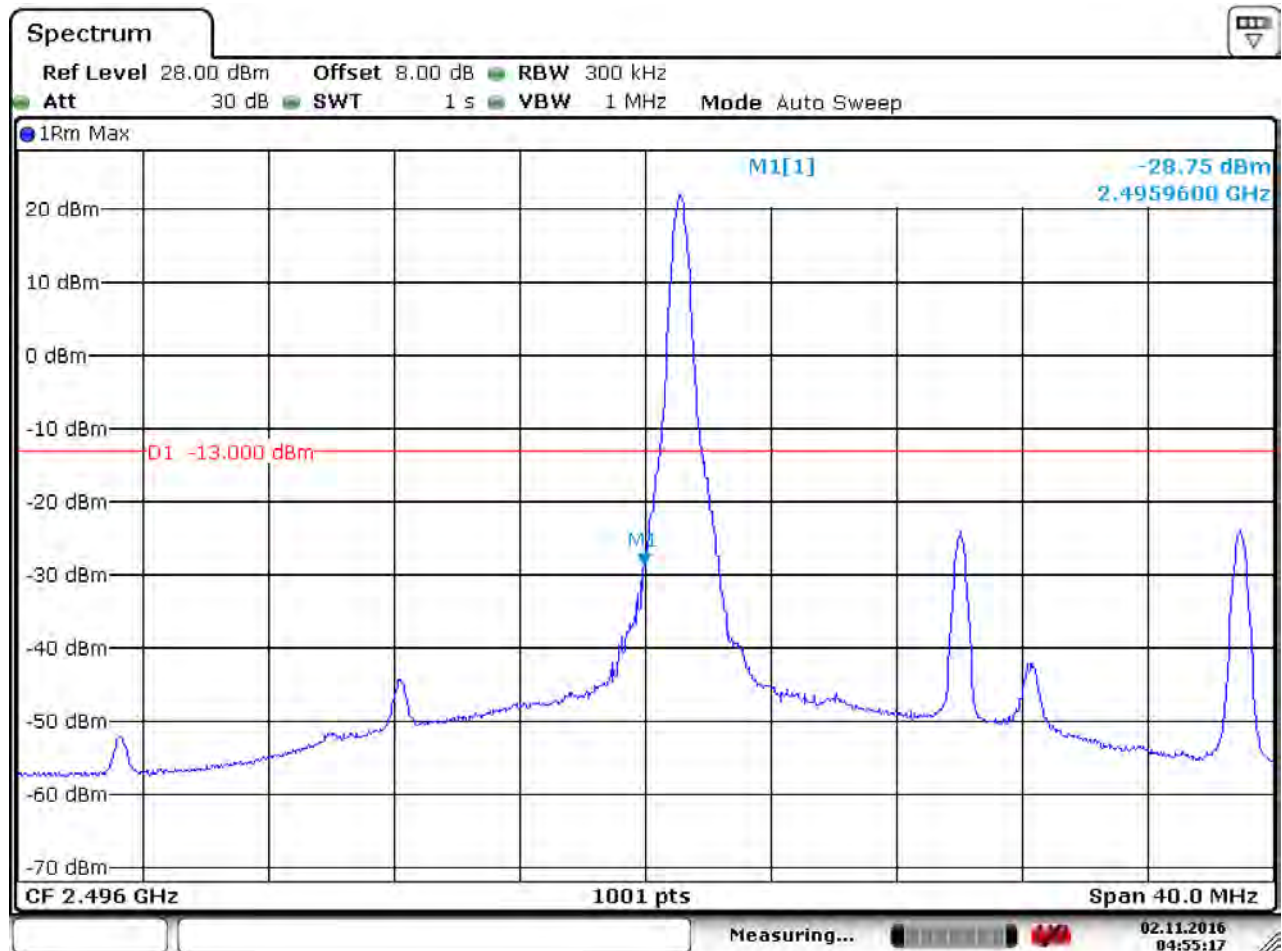
Date: 2.NOV.2016 05:05:18



5.1.1.10 Test Mode = LTE/TM1 20MHz

5.1.1.10.1 Test Channel = LCH

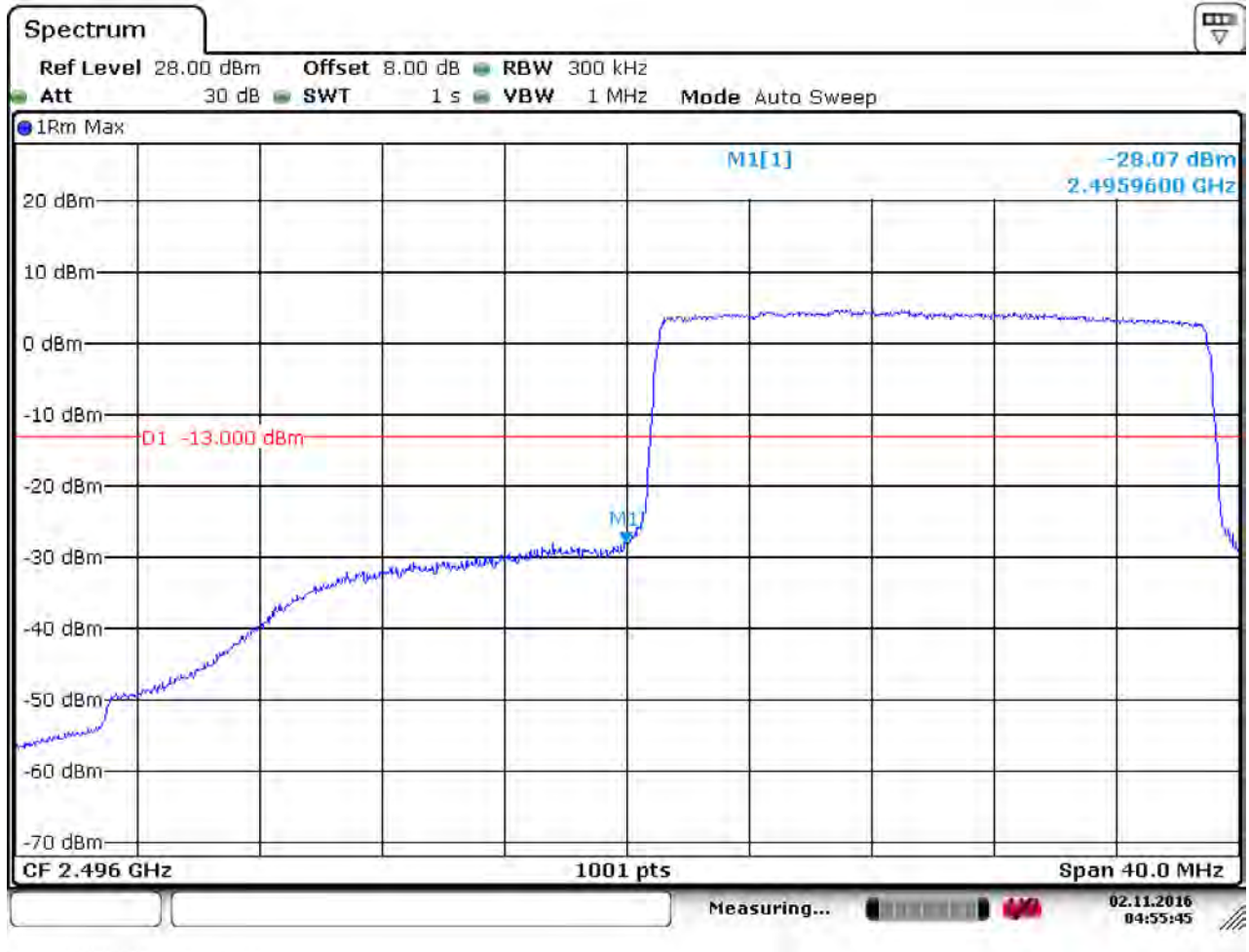
5.1.1.10.1.1 Test RB=1RB



Date: 2.NOV.2016 04:55:17



5.1.1.10.1.2 Test RB=100RB

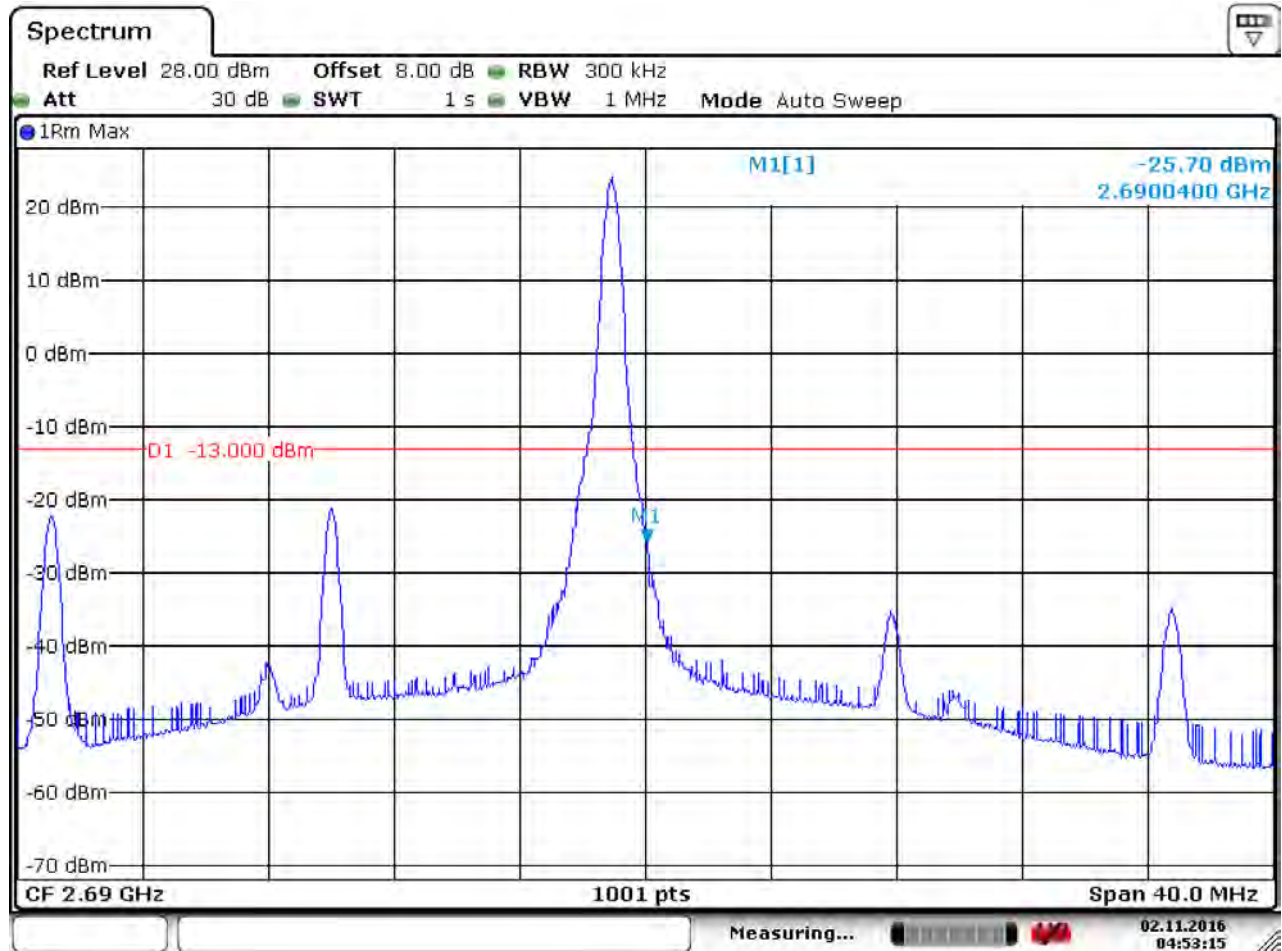


Date: 2.NOV.2016 04:55:44



5.1.1.10.2 Test Channel = HCH

5.1.1.10.2.1 Test RB=1RB



Date: 2.NOV.2016 04:53:16



5.1.1.10.2.2 Test RB=100RB



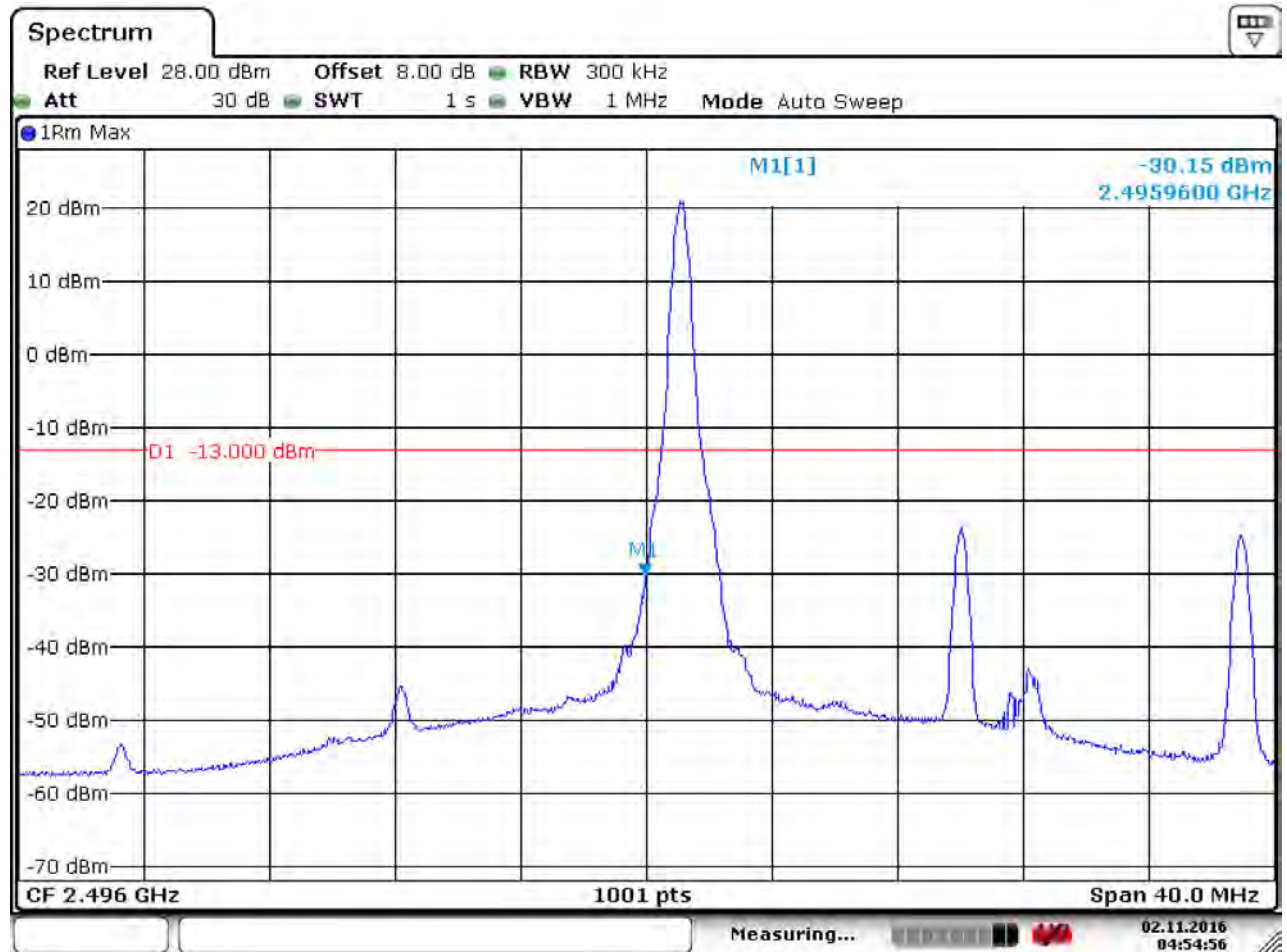
Date: 2.NOV.2016 04:52:44



5.1.1.11 Test Mode = LTE/TM2 20MHz

5.1.1.11.1 Test Channel = LCH

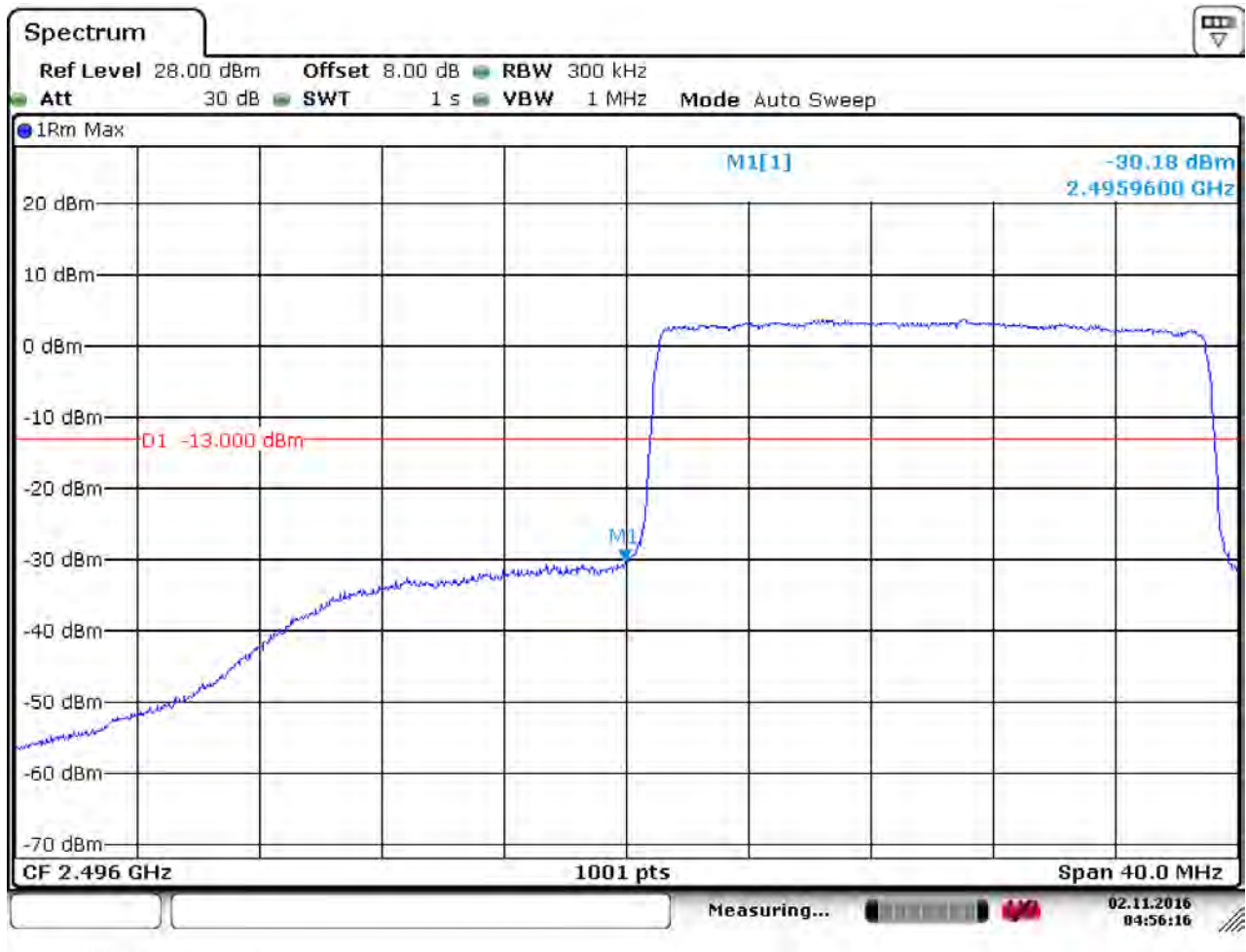
5.1.1.11.1.1 Test RB=1RB



Date: 2.NOV.2016 04:54:56



5.1.11.1.2 Test RB=100RB

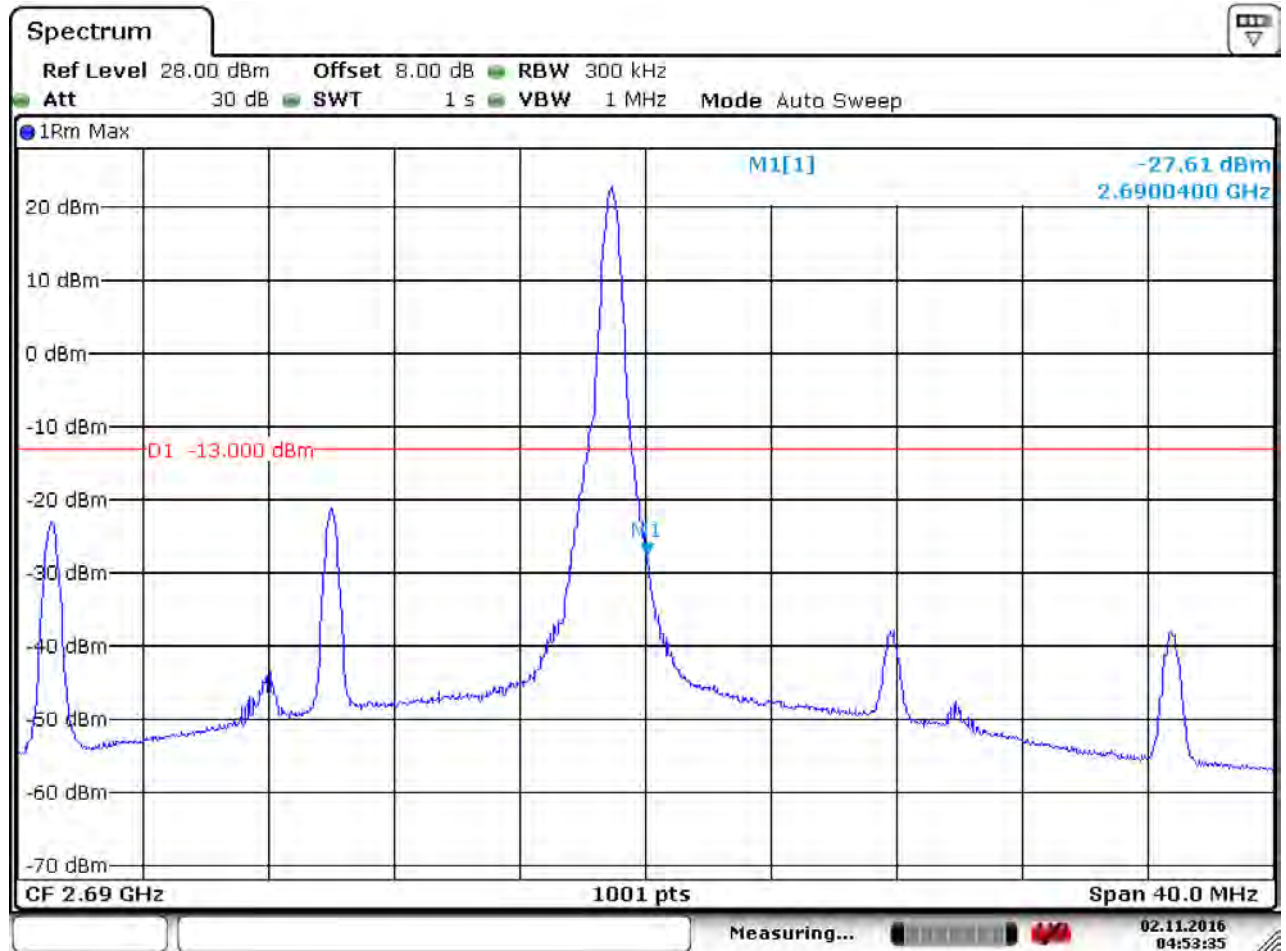


Date: 2.NOV.2016 04:56:16



5.1.1.11.2 Test Channel = HCH

5.1.1.11.2.1 Test RB=1RB



Date: 2.NOV.2016 04:53:35



5.1.1.11.2.2 Test RB=100RB



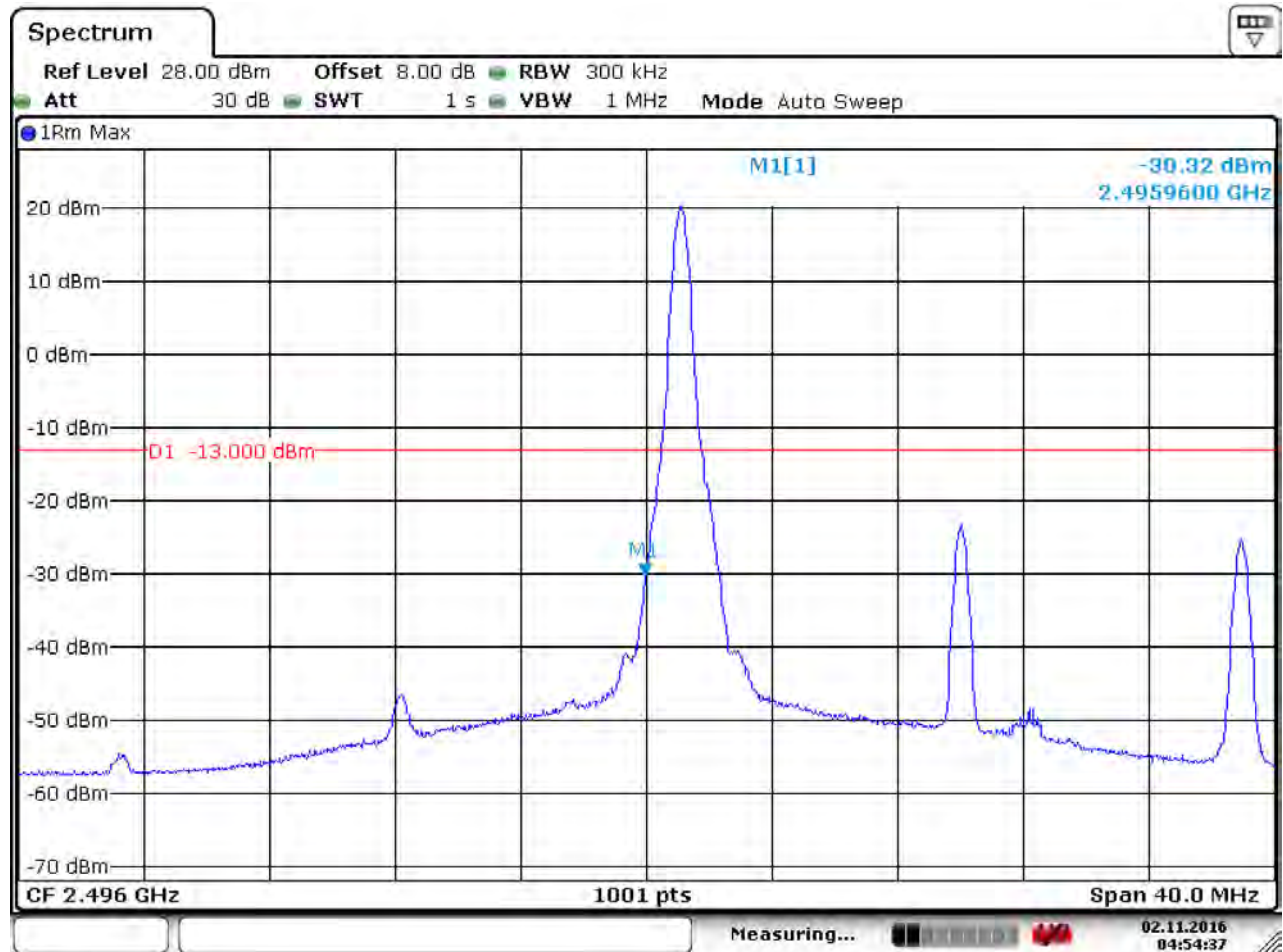
Date: 2.NOV.2016 04:52:23



5.1.1.12 Test Mode = LTE/TM3 20MHz

5.1.1.12.1 Test Channel = LCH

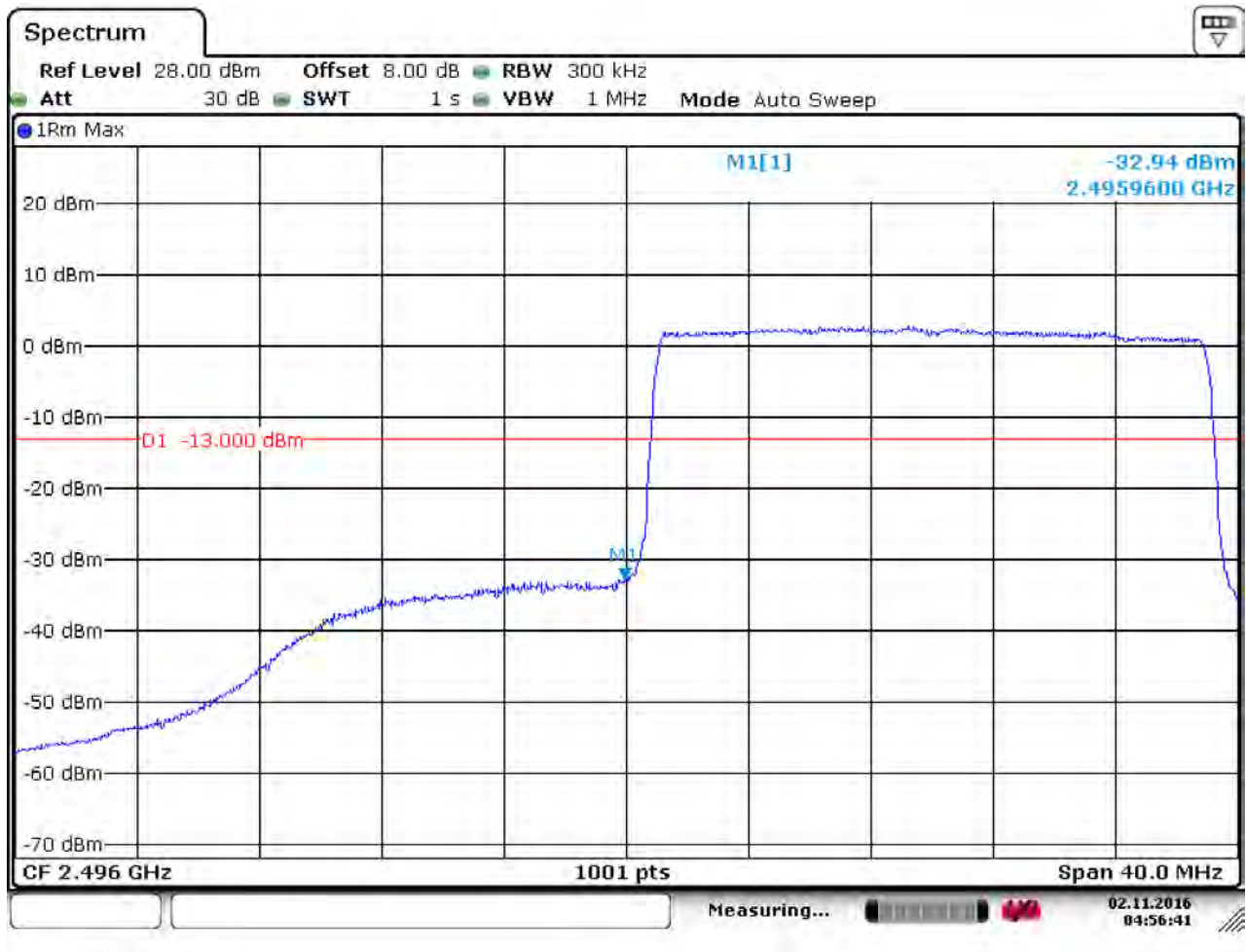
5.1.1.12.1.1 Test RB=1RB



Date: 2.NOV.2016 04:54:37



5.1.1.12.1.2 Test RB=100RB

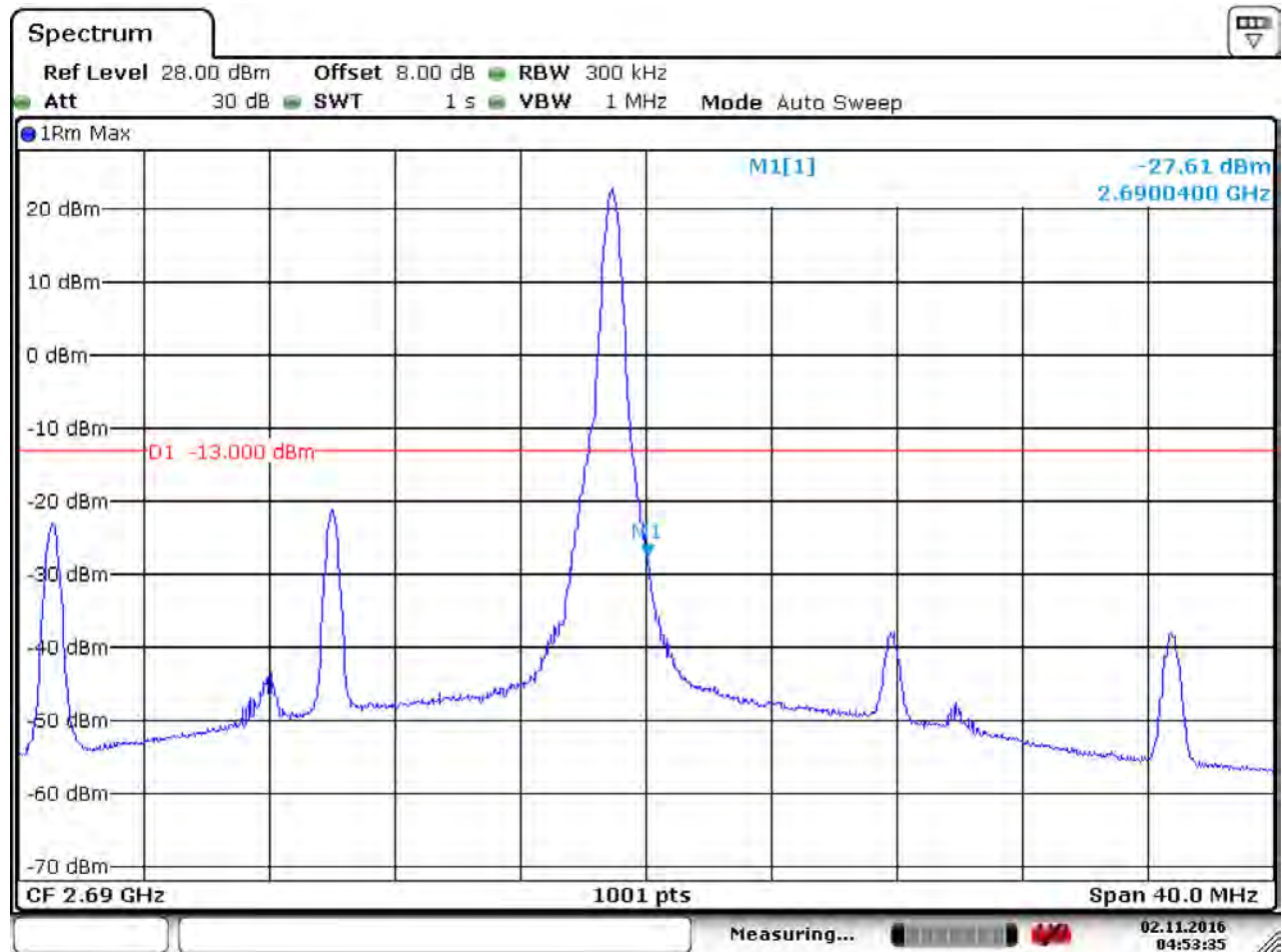


Date: 2.NOV.2016 04:56:41



5.1.1.12.2 Test Channel = HCH

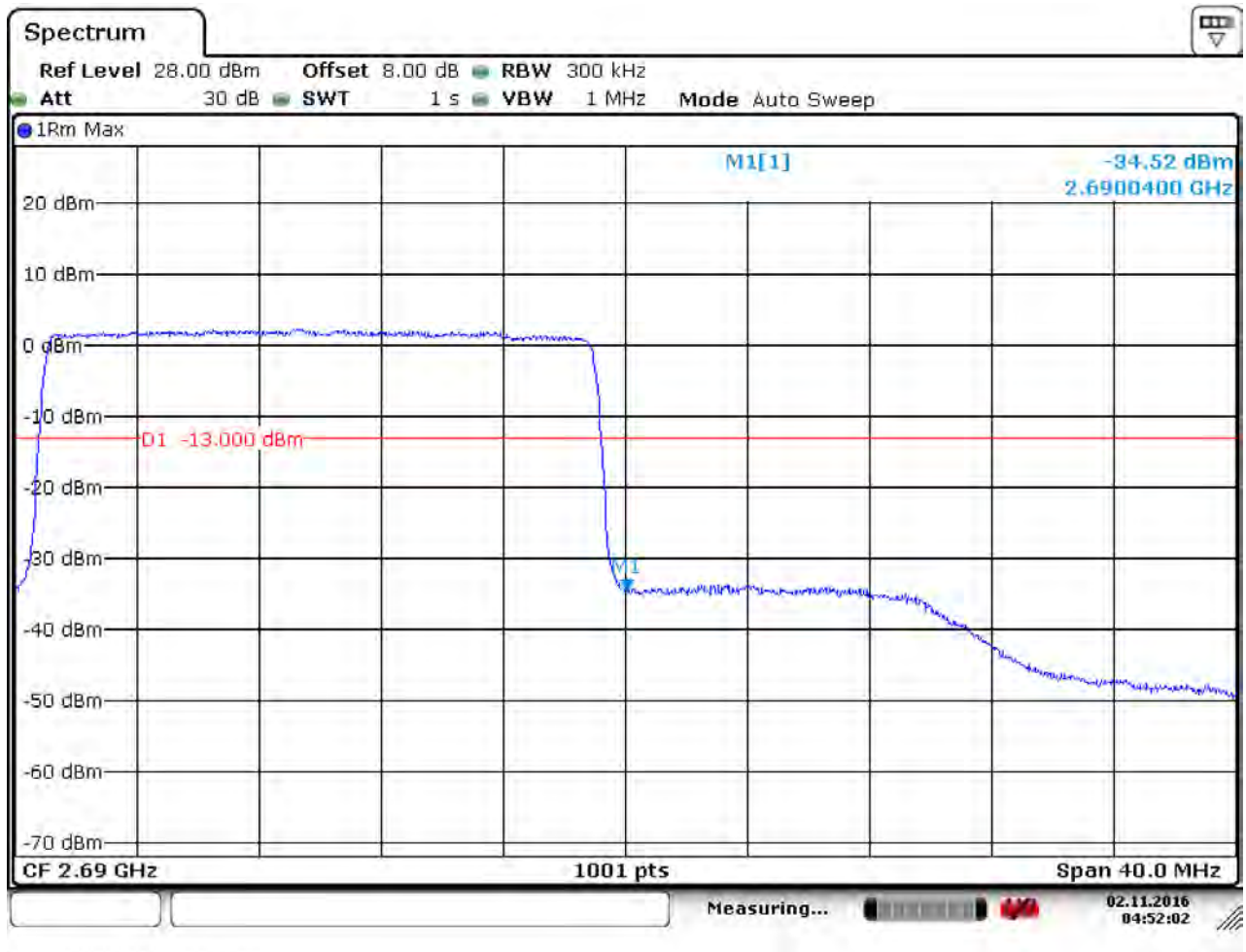
5.1.1.12.2.1 Test RB=1RB



Date: 2.NOV.2016 04:53:35



5.1.12.2.2 Test RB=100RB



Date: 2.NOV.2016 04:52:03



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.

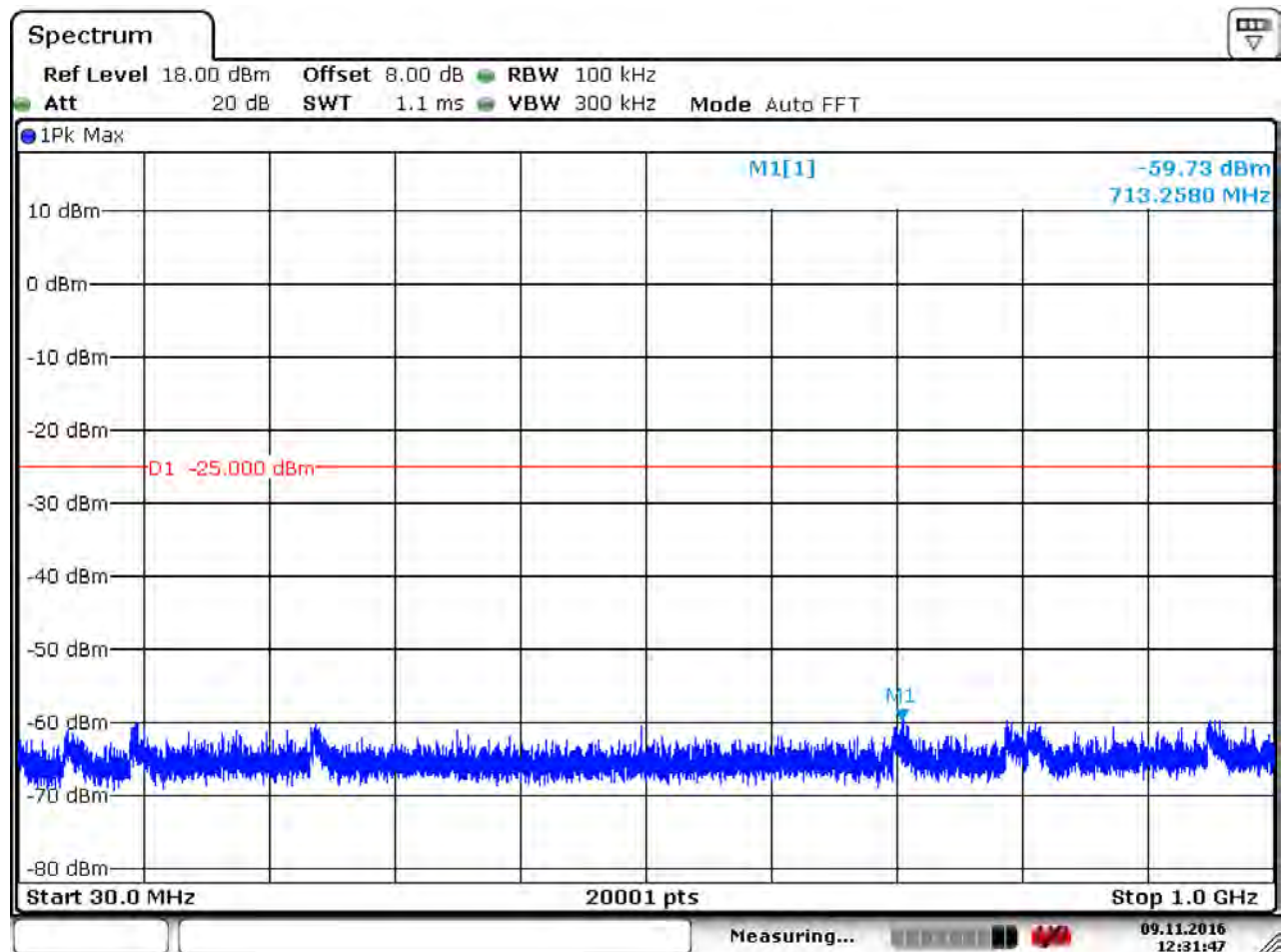
Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE band 41

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

6.1.1.1.1 Test Channel = LCH



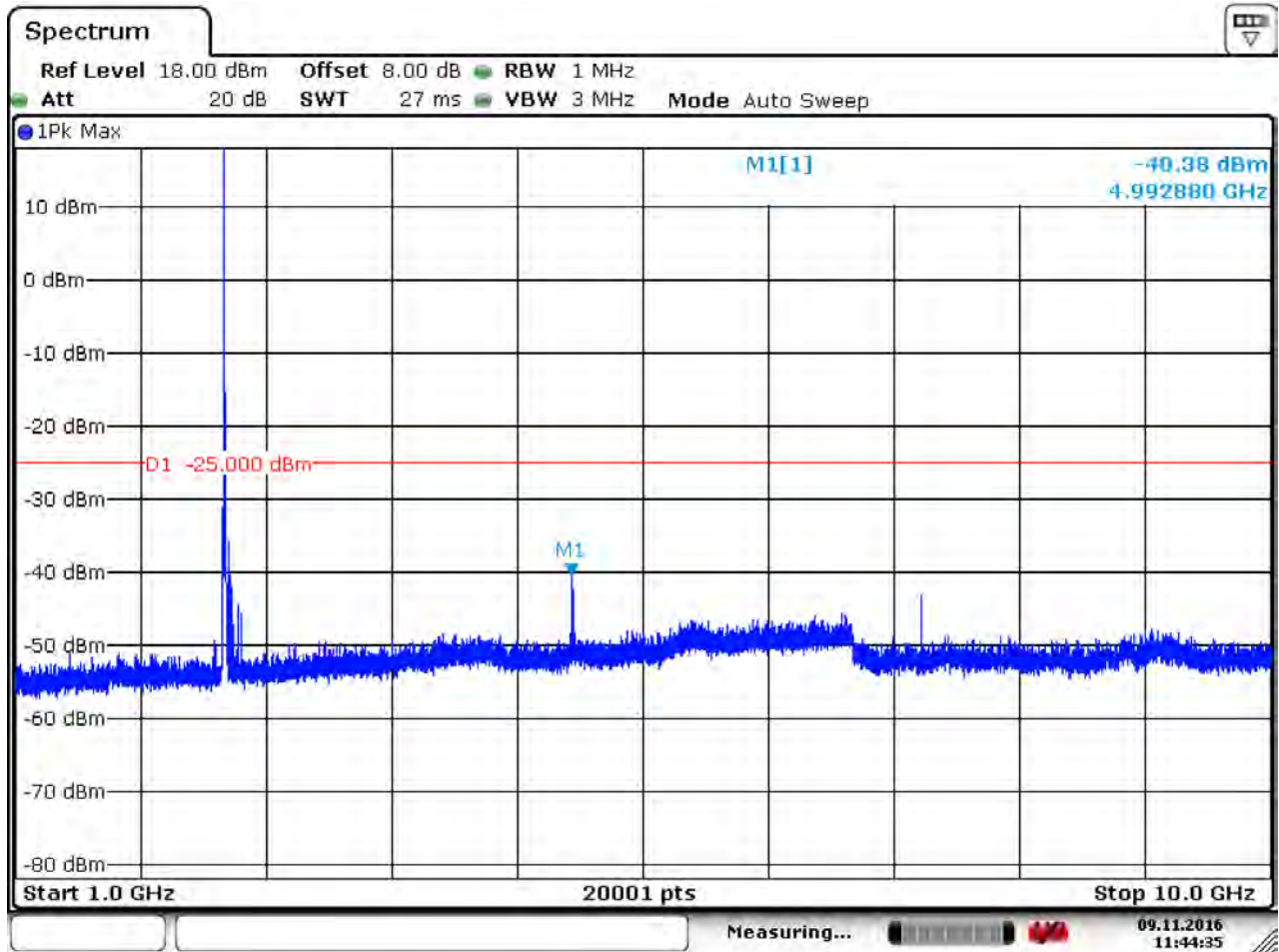
Date: 9.NOV.2016 12:31:46



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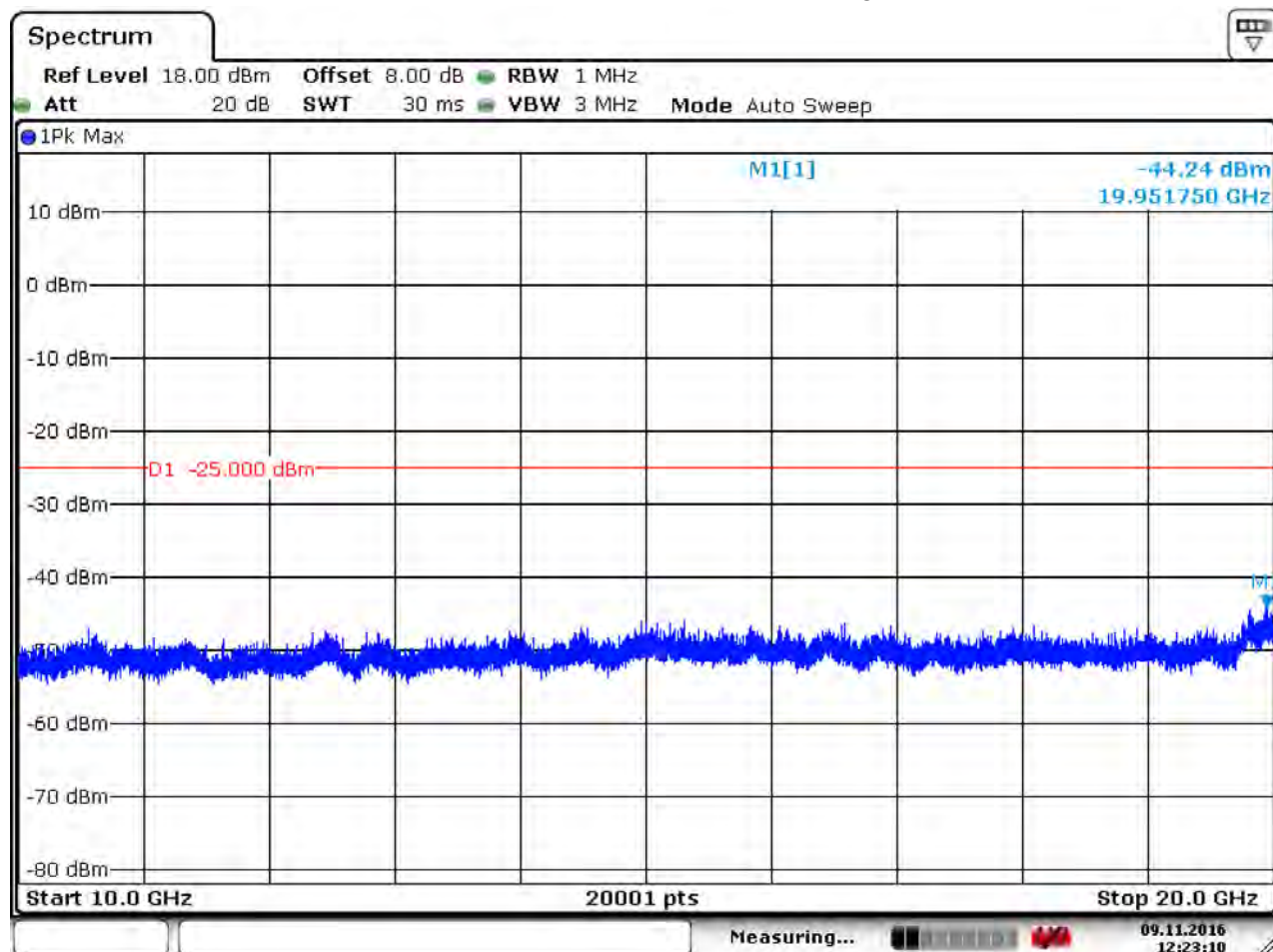
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Date: 9.NOV.2016 11:44:35

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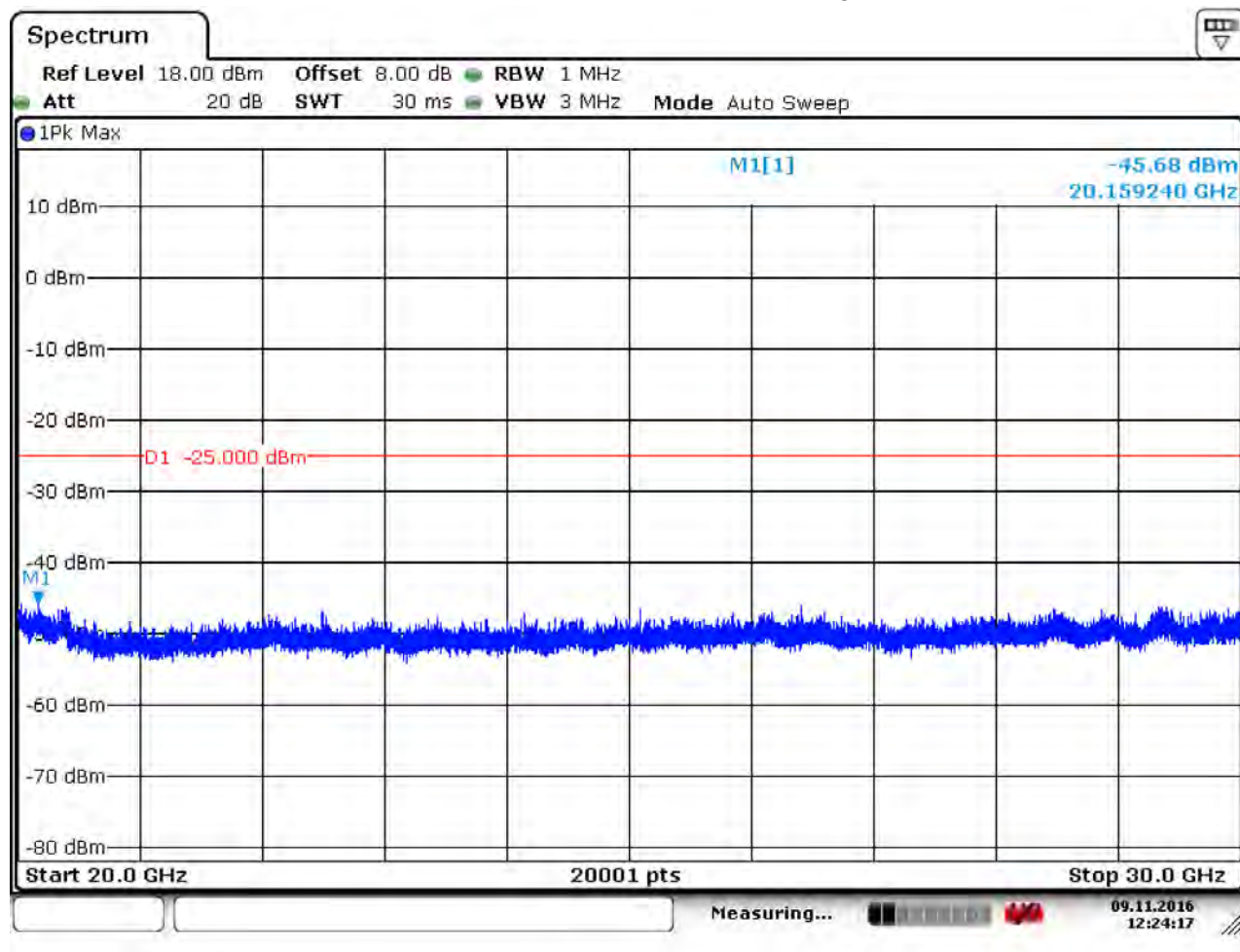


Date: 9.NOV.2016 12:23:11



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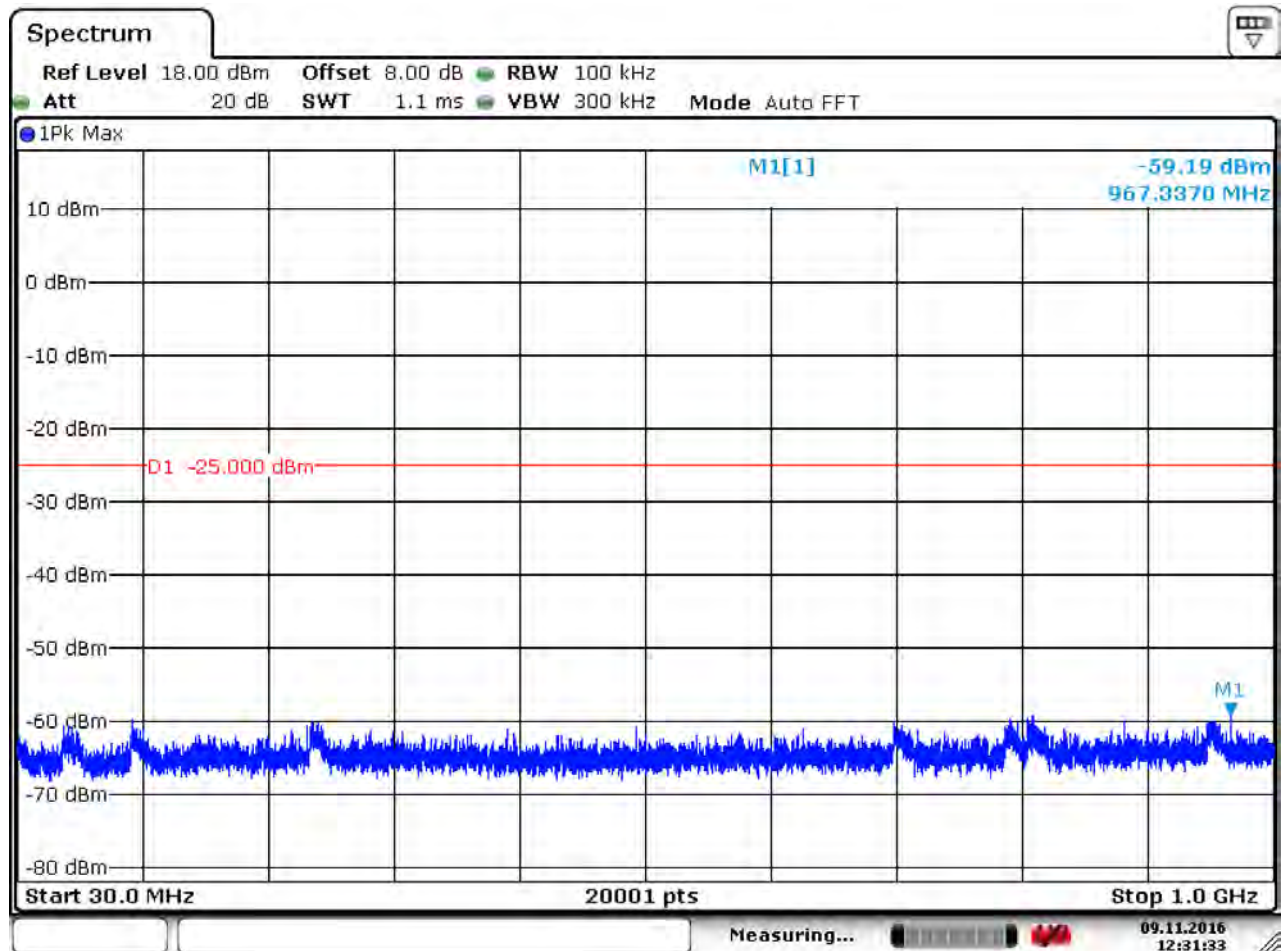


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6.1.1.1.2 Test Channel = MCH



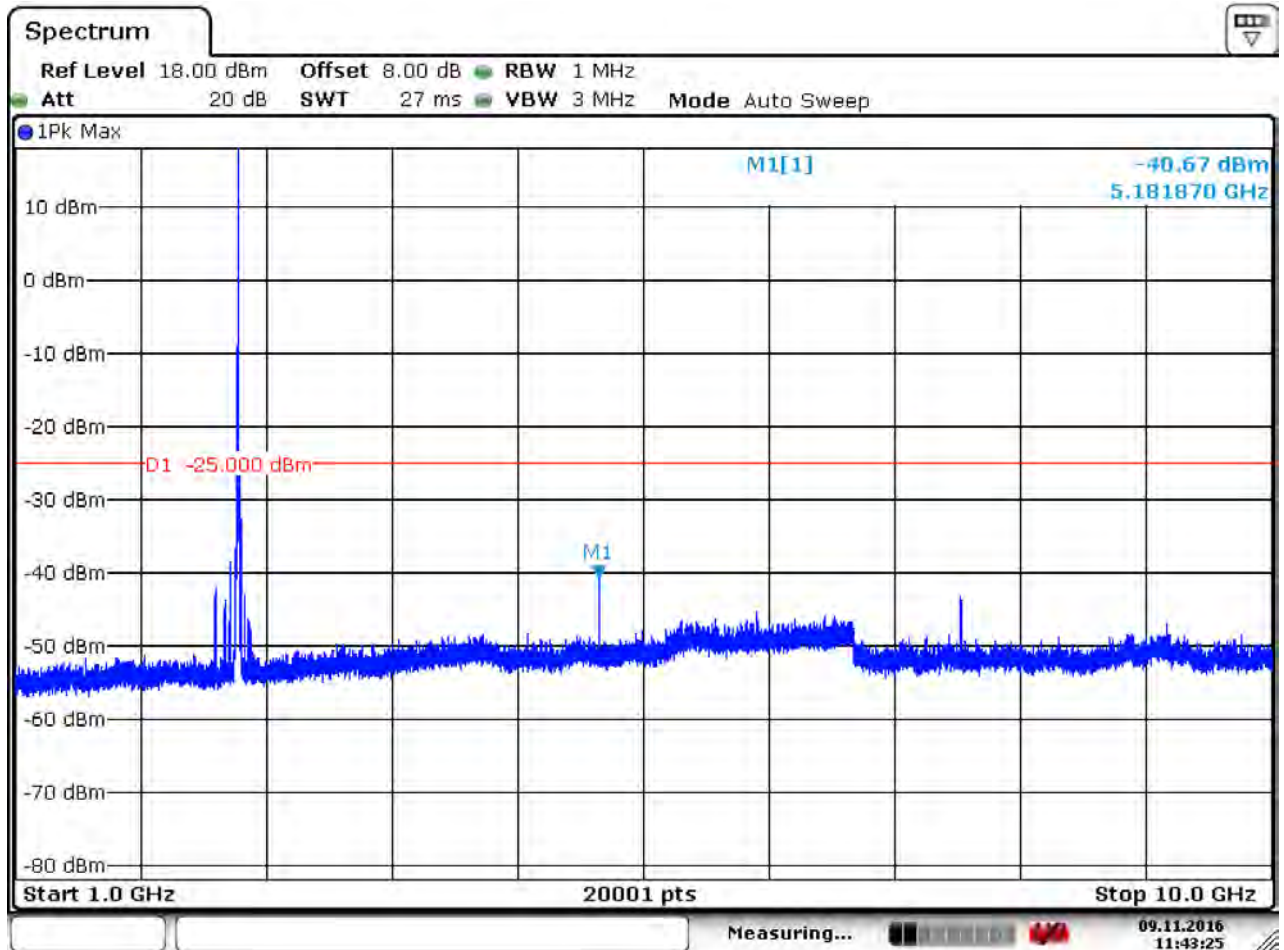
Date: 9 NOV. 2016 12:31:34



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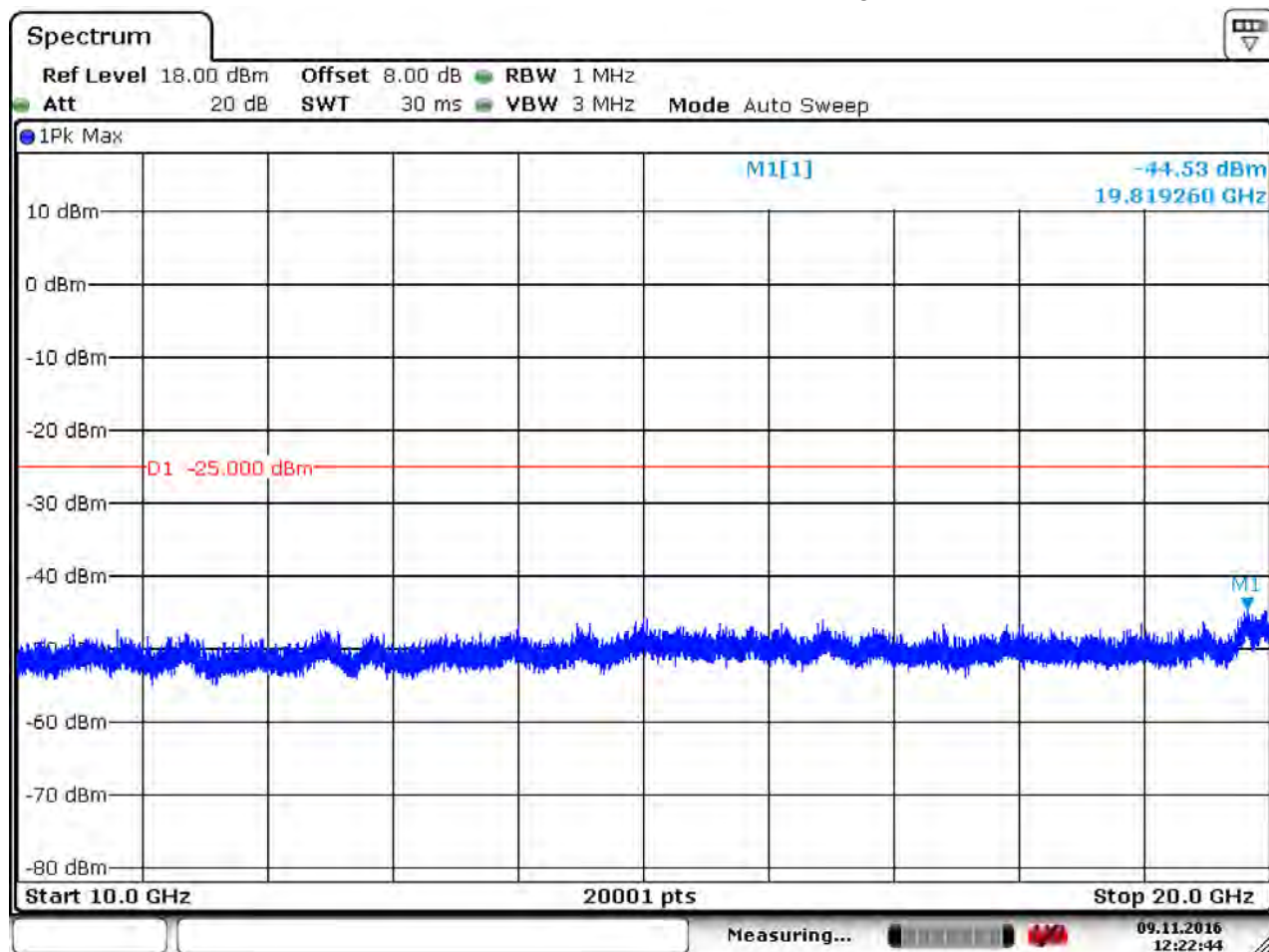
Report No.: SZEM161000852202

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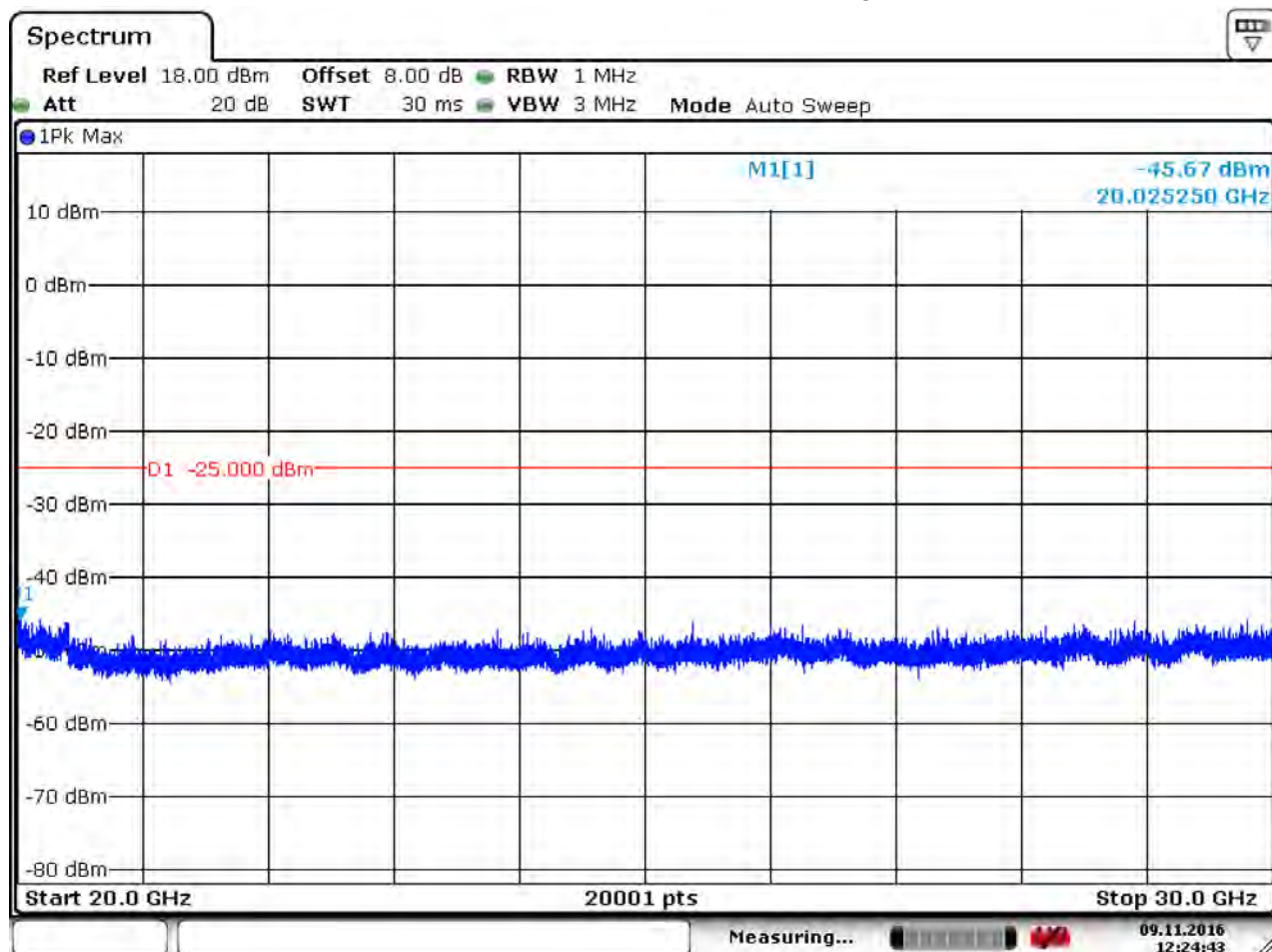


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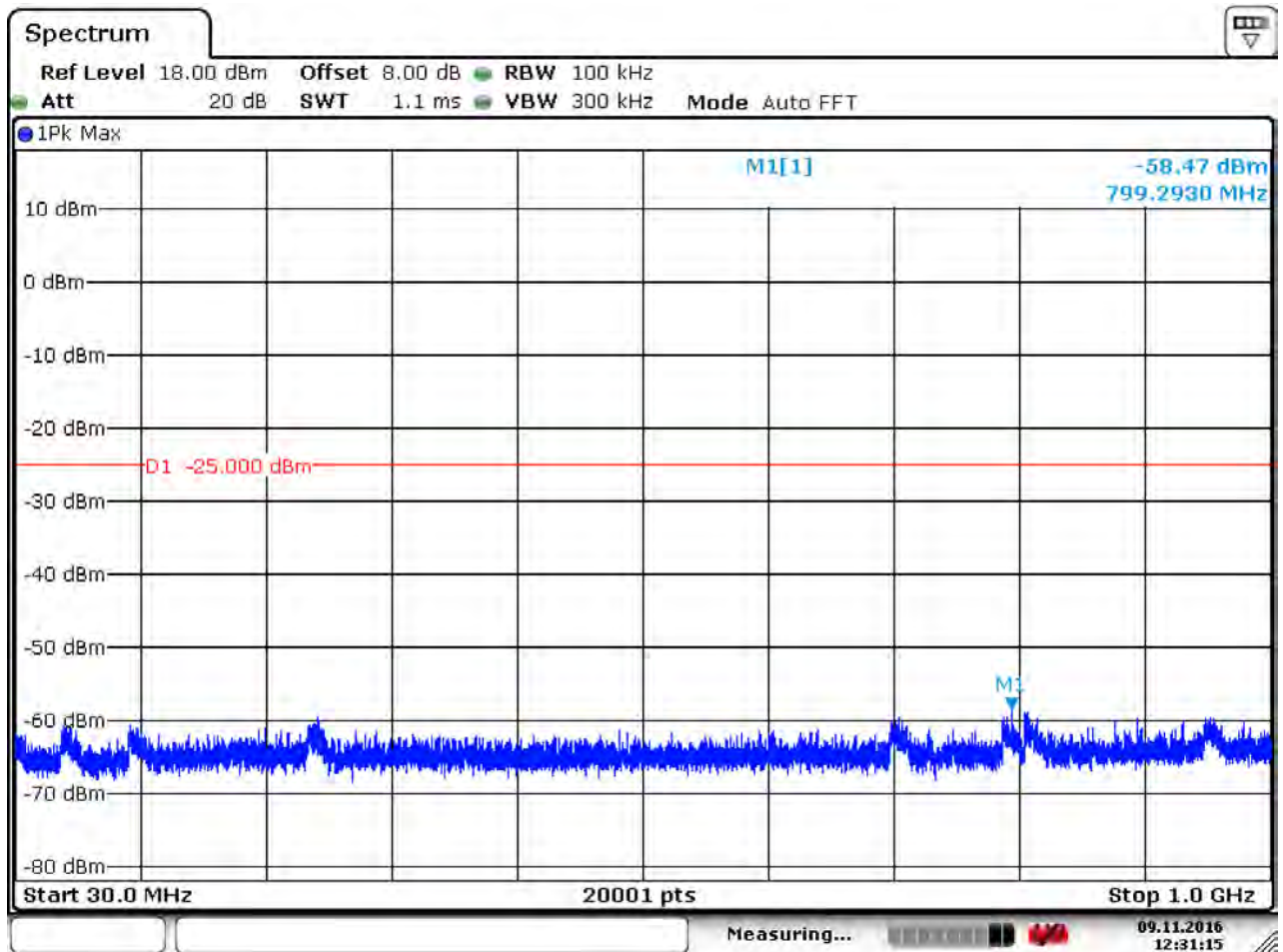
Date: 9.NOV.2016 12:22:45



Date: 9.NOV.2016 12:24:43



6.1.1.1.3 Test Channel = HCH



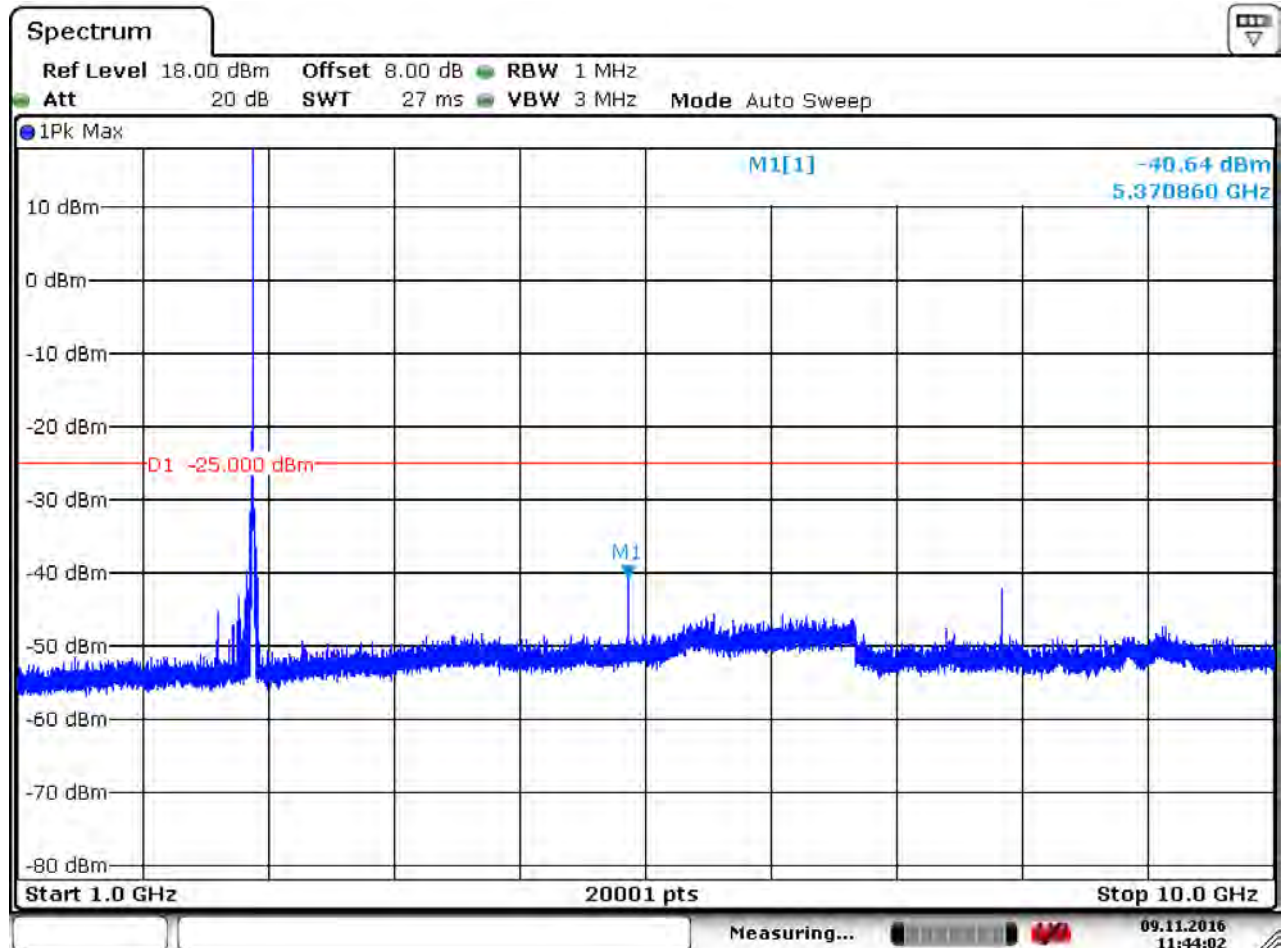
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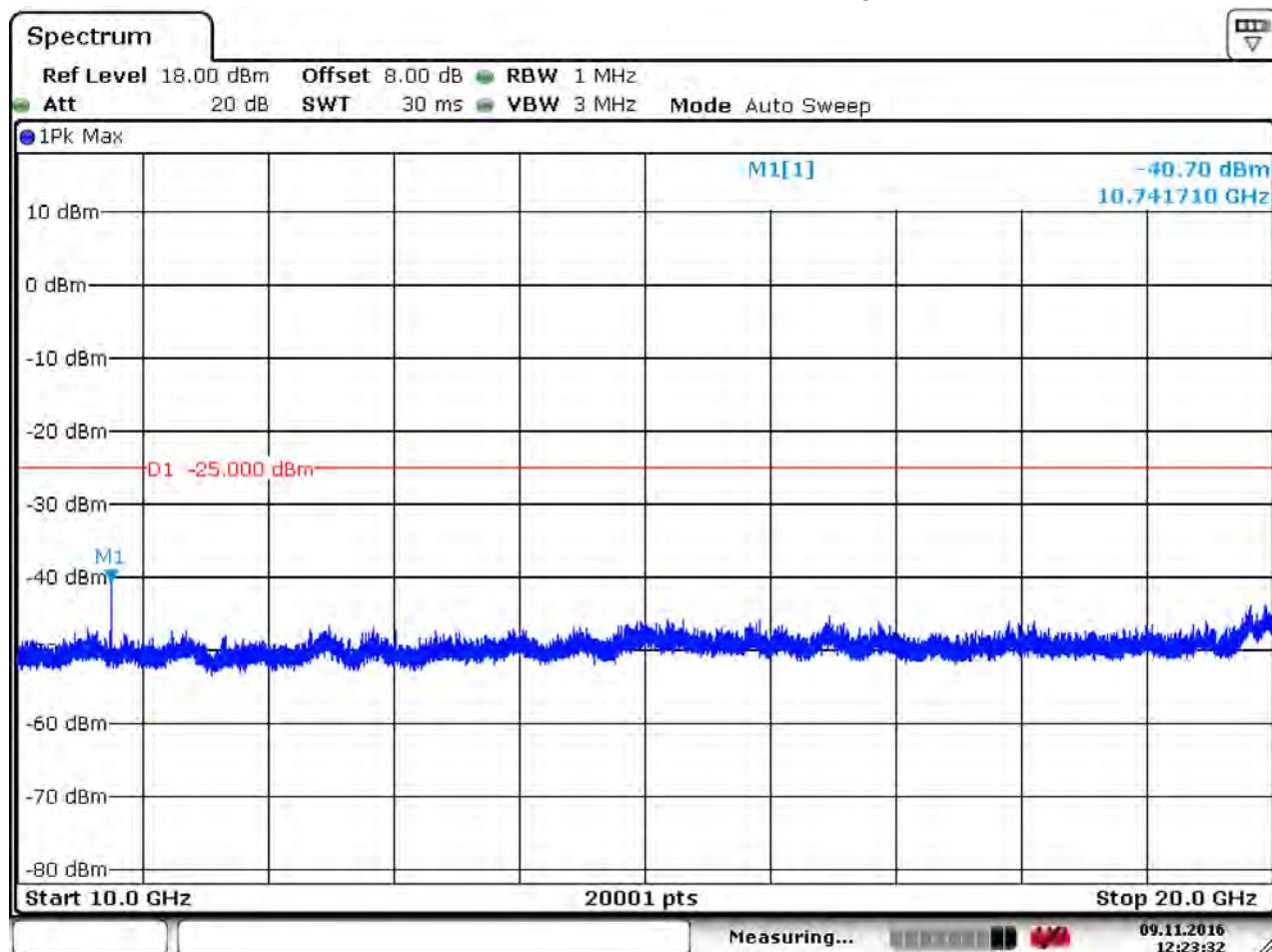
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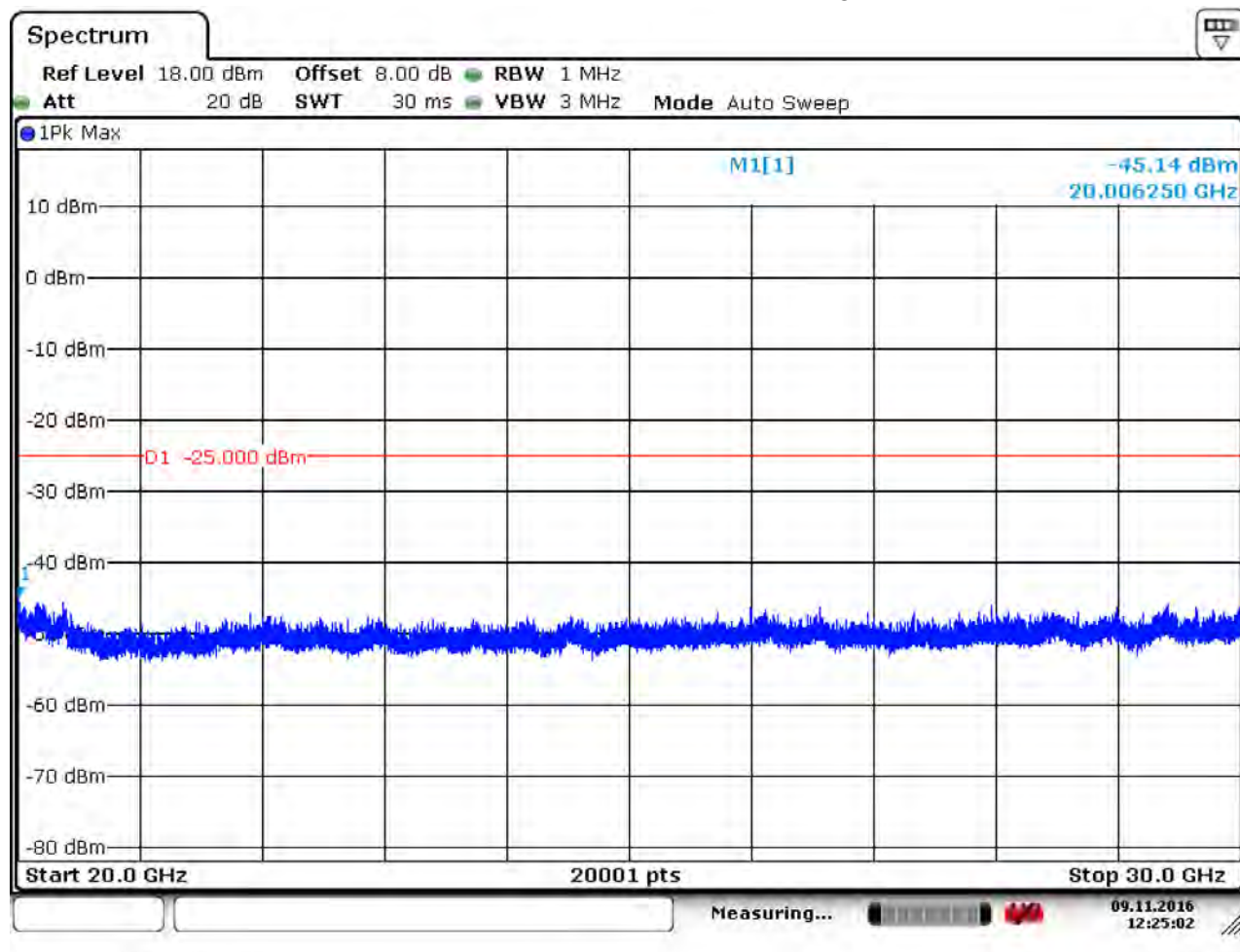


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Date: 9.NOV.2016 12:25:02



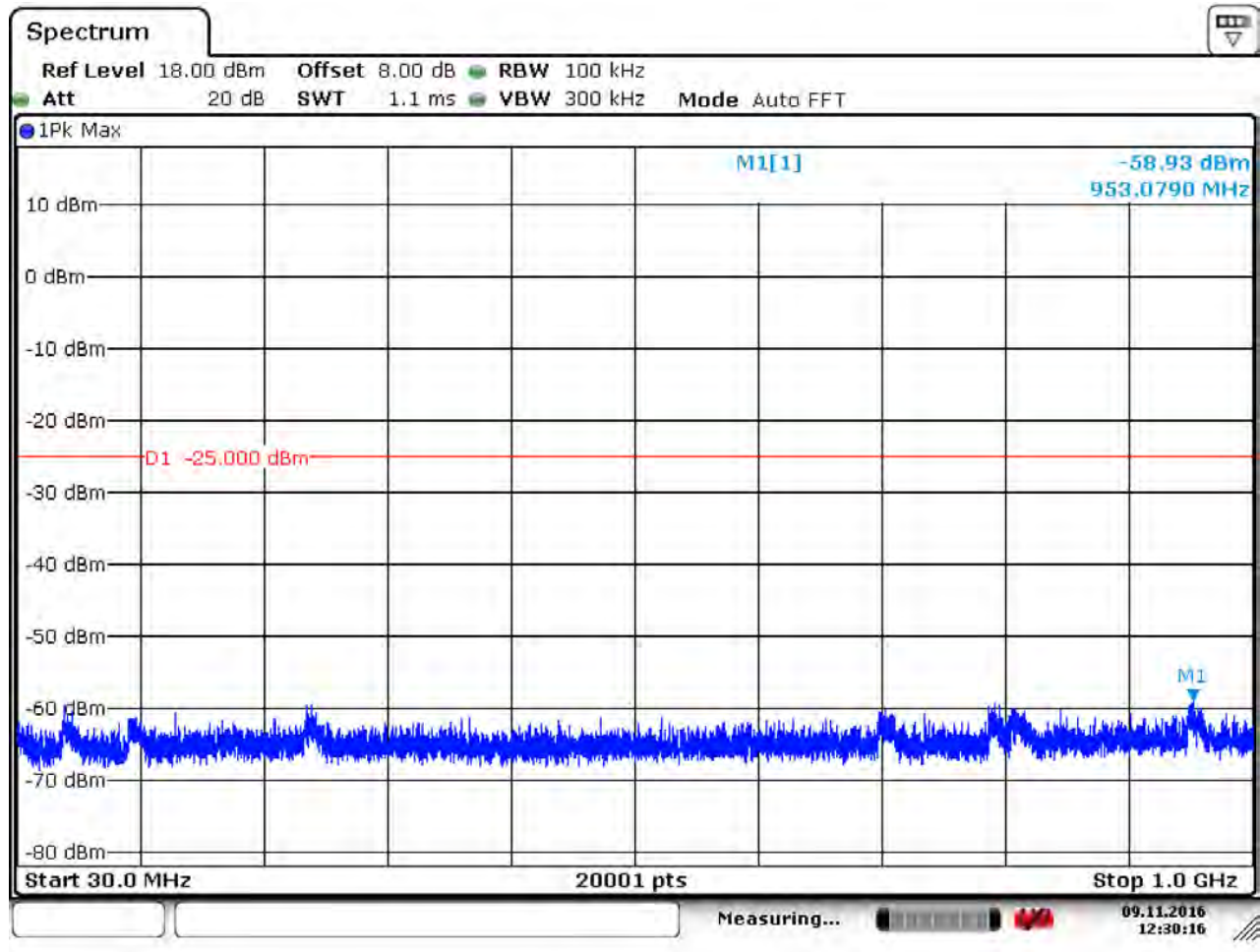
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6.1.1.2 Test Mode = LTE / TM1 10MHz RB1#0

6.1.1.2.1 Test Channel = LCH



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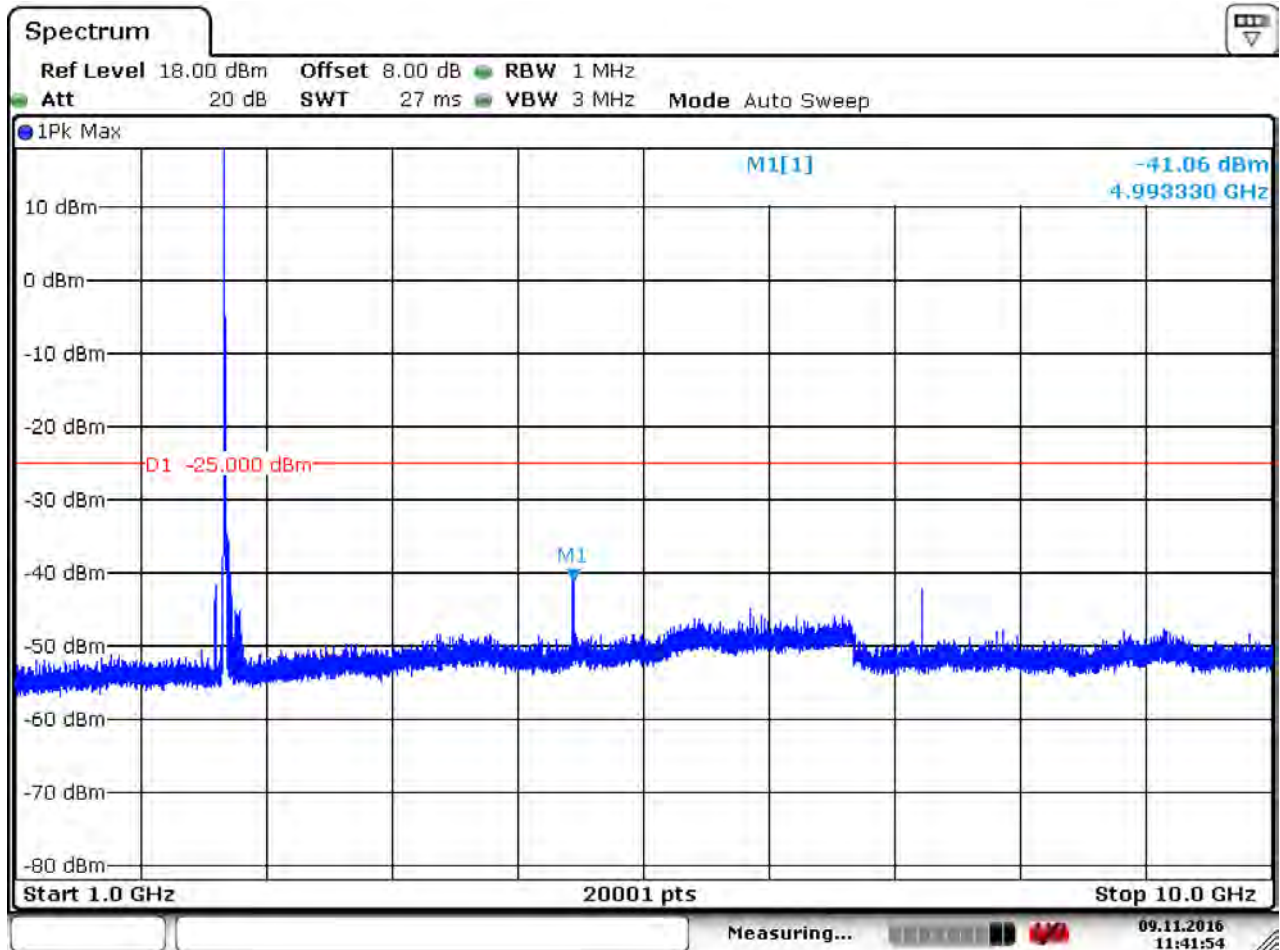
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