



Appendix B

Test Data for SZEM1610009167RG



CONTENT

	Page
1 EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA	3
2 PEAK-TO-AVERAGE RATIO.....	15
2.1 FOR LTE	16
2.1.1 Test Band = LTE band2.....	16
3 MODULATION CHARACTERISTICS.....	22
3.1 FOR LTE	22
3.1.1 Test Band = LTE band2.....	22
4 BANDWIDTH	34
4.1 FOR LTE	36
4.1.1 Test Band = LTE band2.....	36
5 BAND EDGES COMPLIANCE.....	72
5.1 FOR LTE	72
5.1.1 Test Band = LTE band2.....	72
6 SPURIOUS EMISSION AT ANTENNA TERMINAL.....	120
6.1 FOR LTE	120
6.1.1 Test Band = LTE band2.....	120
7 FIELD STRENGTH OF SPURIOUS RADIATION	174
7.1 FOR LTE	174
7.1.1 Test Band = LTE band2.....	174
8 FREQUENCY STABILITY	175
8.1 FREQUENCY ERROR VS. VOLTAGE.....	175
8.2 FREQUENCY ERROR VS. TEMPERATURE.....	176



1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 2

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM1	1.4M	LCH	RB1#0	24.62	26.85	33.00	PASS
				RB1#2	24.71	26.94	33.00	PASS
				RB1#5	24.66	26.89	33.00	PASS
				RB3#0	24.46	26.69	33.00	PASS
				RB3#2	24.42	26.65	33.00	PASS
				RB3#3	24.47	26.70	33.00	PASS
				RB6#0	23.80	26.03	33.00	PASS
			MCH	RB1#0	24.66	26.89	33.00	PASS
				RB1#2	24.75	26.98	33.00	PASS
				RB1#5	24.66	26.89	33.00	PASS
				RB3#0	24.42	26.65	33.00	PASS
				RB3#2	24.49	26.72	33.00	PASS
				RB3#3	24.49	26.72	33.00	PASS
				RB6#0	23.90	26.13	33.00	PASS
			HCH	RB1#0	24.46	26.69	33.00	PASS
				RB1#2	24.54	26.77	33.00	PASS
				RB1#5	24.40	26.63	33.00	PASS
				RB3#0	24.44	26.67	33.00	PASS
				RB3#2	24.48	26.71	33.00	PASS
				RB3#3	24.49	26.72	33.00	PASS
				RB6#0	23.57	25.80	33.00	PASS

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Shenzhen Branch**

Report No.: SZEM161000916705

Page: 4 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM2	1.4M	LCH	RB1#0	23.44	25.67	33.00	PASS
				RB1#2	23.55	25.78	33.00	PASS
				RB1#5	23.47	25.70	33.00	PASS
				RB3#0	23.45	25.68	33.00	PASS
				RB3#2	23.43	25.66	33.00	PASS
				RB3#3	23.45	25.68	33.00	PASS
				RB6#0	22.68	24.91	33.00	PASS
			MCH	RB1#0	23.57	25.80	33.00	PASS
				RB1#2	23.68	25.91	33.00	PASS
				RB1#5	23.57	25.80	33.00	PASS
				RB3#0	23.57	25.80	33.00	PASS
				RB3#2	23.55	25.78	33.00	PASS
				RB3#3	23.54	25.77	33.00	PASS
				RB6#0	22.76	24.99	33.00	PASS
			HCH	RB1#0	23.14	25.37	33.00	PASS
				RB1#2	23.23	25.46	33.00	PASS
				RB1#5	23.08	25.31	33.00	PASS
				RB3#0	23.13	25.36	33.00	PASS
				RB3#2	23.07	25.30	33.00	PASS
				RB3#3	23.09	25.32	33.00	PASS
				RB6#0	22.41	24.64	33.00	PASS

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**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZEM161000916705

Page: 5 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM1	3M	LCH	RB1#0	24.53	26.76	33.00	PASS
				RB1#7	24.61	26.84	33.00	PASS
				RB1#14	24.56	26.79	33.00	PASS
				RB8#0	23.73	25.96	33.00	PASS
				RB8#4	23.76	25.99	33.00	PASS
				RB8#7	23.75	25.98	33.00	PASS
				RB15#0	23.75	25.98	33.00	PASS
			MCH	RB1#0	24.55	26.78	33.00	PASS
				RB1#7	24.63	26.86	33.00	PASS
				RB1#14	24.55	26.78	33.00	PASS
				RB8#0	23.82	26.05	33.00	PASS
				RB8#4	23.79	26.02	33.00	PASS
				RB8#7	23.82	26.05	33.00	PASS
				RB15#0	23.83	26.06	33.00	PASS
			HCH	RB1#0	24.37	26.60	33.00	PASS
				RB1#7	24.41	26.64	33.00	PASS
				RB1#14	24.37	26.60	33.00	PASS
				RB8#0	23.57	25.80	33.00	PASS
				RB8#4	23.57	25.80	33.00	PASS
				RB8#7	23.54	25.77	33.00	PASS
				RB15#0	23.50	25.73	33.00	PASS

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Report No.: SZEM161000916705

Page: 6 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM2	3M	LCH	RB1#0	23.43	25.66	33.00	PASS
				RB1#7	23.50	25.73	33.00	PASS
				RB1#14	23.49	25.72	33.00	PASS
				RB8#0	22.64	24.87	33.00	PASS
				RB8#4	22.67	24.90	33.00	PASS
				RB8#7	22.66	24.89	33.00	PASS
				RB15#0	22.65	24.88	33.00	PASS
			MCH	RB1#0	23.55	25.78	33.00	PASS
				RB1#7	23.60	25.83	33.00	PASS
				RB1#14	23.52	25.75	33.00	PASS
				RB8#0	22.73	24.96	33.00	PASS
				RB8#4	22.68	24.91	33.00	PASS
				RB8#7	22.72	24.95	33.00	PASS
				RB15#0	22.69	24.92	33.00	PASS
			HCH	RB1#0	23.22	25.45	33.00	PASS
				RB1#7	23.19	25.42	33.00	PASS
				RB1#14	23.08	25.31	33.00	PASS
				RB8#0	22.42	24.65	33.00	PASS
				RB8#4	22.39	24.62	33.00	PASS
				RB8#7	22.37	24.60	33.00	PASS
				RB15#0	22.37	24.60	33.00	PASS

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Shenzhen Branch**

Report No.: SZEM161000916705

Page: 7 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM1	5M	LCH	RB1#0	24.60	26.83	33.00	PASS
				RB1#13	24.66	26.89	33.00	PASS
				RB1#24	24.62	26.85	33.00	PASS
				RB12#0	23.75	25.98	33.00	PASS
				RB12#6	23.76	25.99	33.00	PASS
				RB12#13	23.76	25.99	33.00	PASS
				RB25#0	23.70	25.93	33.00	PASS
			MCH	RB1#0	24.62	26.85	33.00	PASS
				RB1#13	24.63	26.86	33.00	PASS
				RB1#24	24.52	26.75	33.00	PASS
				RB12#0	23.78	26.01	33.00	PASS
				RB12#6	23.78	26.01	33.00	PASS
				RB12#13	23.75	25.98	33.00	PASS
				RB25#0	23.74	25.97	33.00	PASS
			HCH	RB1#0	24.41	26.64	33.00	PASS
				RB1#13	24.38	26.61	33.00	PASS
				RB1#24	24.31	26.54	33.00	PASS
				RB12#0	23.56	25.79	33.00	PASS
				RB12#6	23.53	25.76	33.00	PASS
				RB12#13	23.48	25.71	33.00	PASS
				RB25#0	23.45	25.68	33.00	PASS

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Shenzhen Branch**

Report No.: SZEM161000916705

Page: 8 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM2	5M	LCH	RB1#0	23.40	25.63	33.00	PASS
				RB1#13	23.51	25.74	33.00	PASS
				RB1#24	23.50	25.73	33.00	PASS
				RB12#0	22.75	24.98	33.00	PASS
				RB12#6	22.77	25.00	33.00	PASS
				RB12#13	22.80	25.03	33.00	PASS
				RB25#0	22.69	24.92	33.00	PASS
			MCH	RB1#0	23.50	25.73	33.00	PASS
				RB1#13	23.55	25.78	33.00	PASS
				RB1#24	23.42	25.65	33.00	PASS
				RB12#0	22.79	25.02	33.00	PASS
				RB12#6	22.77	25.00	33.00	PASS
				RB12#13	22.76	24.99	33.00	PASS
				RB25#0	22.70	24.93	33.00	PASS
			HCH	RB1#0	23.26	25.49	33.00	PASS
				RB1#13	23.15	25.38	33.00	PASS
				RB1#24	23.02	25.25	33.00	PASS
				RB12#0	22.55	24.78	33.00	PASS
				RB12#6	22.50	24.73	33.00	PASS
				RB12#13	22.42	24.65	33.00	PASS
				RB25#0	22.41	24.64	33.00	PASS

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Shenzhen Branch**

Report No.: SZEM161000916705

Page: 9 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM1	10M	LCH	RB1#0	24.69	26.92	33.00	PASS
				RB1#25	24.76	26.99	33.00	PASS
				RB1#49	24.38	26.61	33.00	PASS
				RB25#0	23.84	26.07	33.00	PASS
				RB25#13	23.92	26.15	33.00	PASS
				RB25#25	23.95	26.18	33.00	PASS
				RB50#0	23.98	26.21	33.00	PASS
			MCH	RB1#0	24.66	26.89	33.00	PASS
				RB1#25	24.68	26.91	33.00	PASS
				RB1#49	24.61	26.84	33.00	PASS
				RB25#0	23.81	26.04	33.00	PASS
				RB25#13	23.85	26.08	33.00	PASS
				RB25#25	23.73	25.96	33.00	PASS
				RB50#0	23.89	26.12	33.00	PASS
			HCH	RB1#0	24.30	26.53	33.00	PASS
				RB1#25	24.47	26.70	33.00	PASS
				RB1#49	24.23	26.46	33.00	PASS
				RB25#0	23.62	25.85	33.00	PASS
				RB25#13	23.62	25.85	33.00	PASS
				RB25#25	23.54	25.77	33.00	PASS
				RB50#0	23.68	25.91	33.00	PASS

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Shenzhen Branch**

Report No.: SZEM161000916705

Page: 10 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM2	10M	LCH	RB1#0	23.62	25.85	33.00	PASS
				RB1#25	23.74	25.97	33.00	PASS
				RB1#49	23.49	25.72	33.00	PASS
				RB25#0	22.81	25.04	33.00	PASS
				RB25#13	22.86	25.09	33.00	PASS
				RB25#25	22.89	25.12	33.00	PASS
				RB50#0	22.85	25.08	33.00	PASS
			MCH	RB1#0	23.68	25.91	33.00	PASS
				RB1#25	23.71	25.94	33.00	PASS
				RB1#49	23.57	25.80	33.00	PASS
				RB25#0	22.77	25.00	33.00	PASS
				RB25#13	22.79	25.02	33.00	PASS
				RB25#25	22.73	24.96	33.00	PASS
				RB50#0	22.83	25.06	33.00	PASS
			HCH	RB1#0	23.45	25.68	33.00	PASS
				RB1#25	23.41	25.64	33.00	PASS
				RB1#49	23.21	25.44	33.00	PASS
				RB25#0	22.59	24.82	33.00	PASS
				RB25#13	22.58	24.81	33.00	PASS
				RB25#25	22.51	24.74	33.00	PASS
				RB50#0	22.59	24.82	33.00	PASS

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Shenzhen Branch**

Report No.: SZEM161000916705

Page: 11 of 177

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BAND2	LTE/TM1	15M	LCH	RB1#0	24.68	26.91	33.00	PASS
				RB1#38	24.77	27.00	33.00	PASS
				RB1#74	24.25	26.48	33.00	PASS
				RB36#0	23.90	26.13	33.00	PASS
				RB36#18	23.94	26.17	33.00	PASS
				RB36#39	23.84	26.07	33.00	PASS
				RB75#0	23.98	26.21	33.00	PASS
			MCH	RB1#0	24.69	26.92	33.00	PASS
				RB1#38	24.67	26.90	33.00	PASS
				RB1#74	24.54	26.77	33.00	PASS
				RB36#0	23.79	26.02	33.00	PASS
				RB36#18	23.85	26.08	33.00	PASS
				RB36#39	23.75	25.98	33.00	PASS
				RB75#0	23.82	26.05	33.00	PASS
			HCH	RB1#0	24.10	26.33	33.00	PASS
				RB1#38	24.47	26.70	33.00	PASS
				RB1#74	24.40	26.63	33.00	PASS
				RB36#0	23.29	25.52	33.00	PASS
				RB36#18	23.63	25.86	33.00	PASS
				RB36#39	23.60	25.83	33.00	PASS
				RB75#0	23.63	25.86	33.00	PASS

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Shenzhen Branch**

Report No.: SZEM161000916705

Page: 12 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM2	15M	LCH	RB1#0	23.44	25.67	33.00	PASS
				RB1#38	23.60	25.83	33.00	PASS
				RB1#74	23.13	25.36	33.00	PASS
				RB36#0	22.87	25.10	33.00	PASS
				RB36#18	22.90	25.13	33.00	PASS
				RB36#39	22.83	25.06	33.00	PASS
				RB75#0	22.91	25.14	33.00	PASS
			MCH	RB1#0	23.53	25.76	33.00	PASS
				RB1#38	23.51	25.74	33.00	PASS
				RB1#74	23.35	25.58	33.00	PASS
				RB36#0	22.78	25.01	33.00	PASS
				RB36#18	22.81	25.04	33.00	PASS
				RB36#39	22.75	24.98	33.00	PASS
				RB75#0	22.79	25.02	33.00	PASS
			HCH	RB1#0	23.07	25.30	33.00	PASS
				RB1#38	23.31	25.54	33.00	PASS
				RB1#74	23.08	25.31	33.00	PASS
				RB36#0	22.37	24.60	33.00	PASS
				RB36#18	22.62	24.85	33.00	PASS
				RB36#39	22.55	24.78	33.00	PASS
				RB75#0	22.60	24.83	33.00	PASS

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**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZEM161000916705

Page: 13 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM1	20M	LCH	RB1#0	24.73	26.96	33.00	PASS
				RB1#50	24.26	26.49	33.00	PASS
				RB1#99	23.79	26.02	33.00	PASS
				RB50#0	23.94	26.17	33.00	PASS
				RB50#25	23.50	25.73	33.00	PASS
				RB50#50	23.00	25.23	33.00	PASS
				RB100#0	23.66	25.89	33.00	PASS
			MCH	RB1#0	24.38	26.61	33.00	PASS
				RB1#50	24.71	26.94	33.00	PASS
				RB1#99	24.52	26.75	33.00	PASS
				RB50#0	23.88	26.11	33.00	PASS
				RB50#25	23.88	26.11	33.00	PASS
				RB50#50	23.82	26.05	33.00	PASS
				RB100#0	23.80	26.03	33.00	PASS
			HCH	RB1#0	24.52	26.75	33.00	PASS
				RB1#50	23.97	26.20	33.00	PASS
				RB1#99	24.62	26.85	33.00	PASS
				RB50#0	23.33	25.56	33.00	PASS
				RB50#25	23.08	25.31	33.00	PASS
				RB50#50	23.83	26.06	33.00	PASS
				RB100#0	23.59	25.82	33.00	PASS

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Shenzhen Branch**

Report No.: SZEM161000916705

Page: 14 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM2	20M	LCH	RB1#0	23.81	26.04	33.00	PASS
				RB1#50	23.87	26.10	33.00	PASS
				RB1#99	23.31	25.54	33.00	PASS
				RB50#0	22.89	25.12	33.00	PASS
				RB50#25	22.87	25.10	33.00	PASS
				RB50#50	22.39	24.62	33.00	PASS
				RB100#0	22.87	25.10	33.00	PASS
			MCH	RB1#0	23.84	26.07	33.00	PASS
				RB1#50	23.88	26.11	33.00	PASS
				RB1#99	23.67	25.90	33.00	PASS
				RB50#0	22.84	25.07	33.00	PASS
				RB50#25	22.84	25.07	33.00	PASS
				RB50#50	22.77	25.00	33.00	PASS
				RB100#0	22.77	25.00	33.00	PASS
			HCH	RB1#0	23.70	25.93	33.00	PASS
				RB1#50	23.45	25.68	33.00	PASS
				RB1#99	23.64	25.87	33.00	PASS
				RB50#0	22.61	24.84	33.00	PASS
				RB50#25	22.34	24.57	33.00	PASS
				RB50#50	22.76	24.99	33.00	PASS
				RB100#0	22.68	24.91	33.00	PASS

Note:

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

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

b: SGP=Signal Generator Level

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

Detector: RMS

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2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
Band 2	TM1/20M	LCH	4.29	13	PASS
		MCH	4.46	13	PASS
		HCH	4.81	13	PASS
	TM2/20M	LCH	5.22	13	PASS
		MCH	5.54	13	PASS
		HCH	5.77	13	PASS



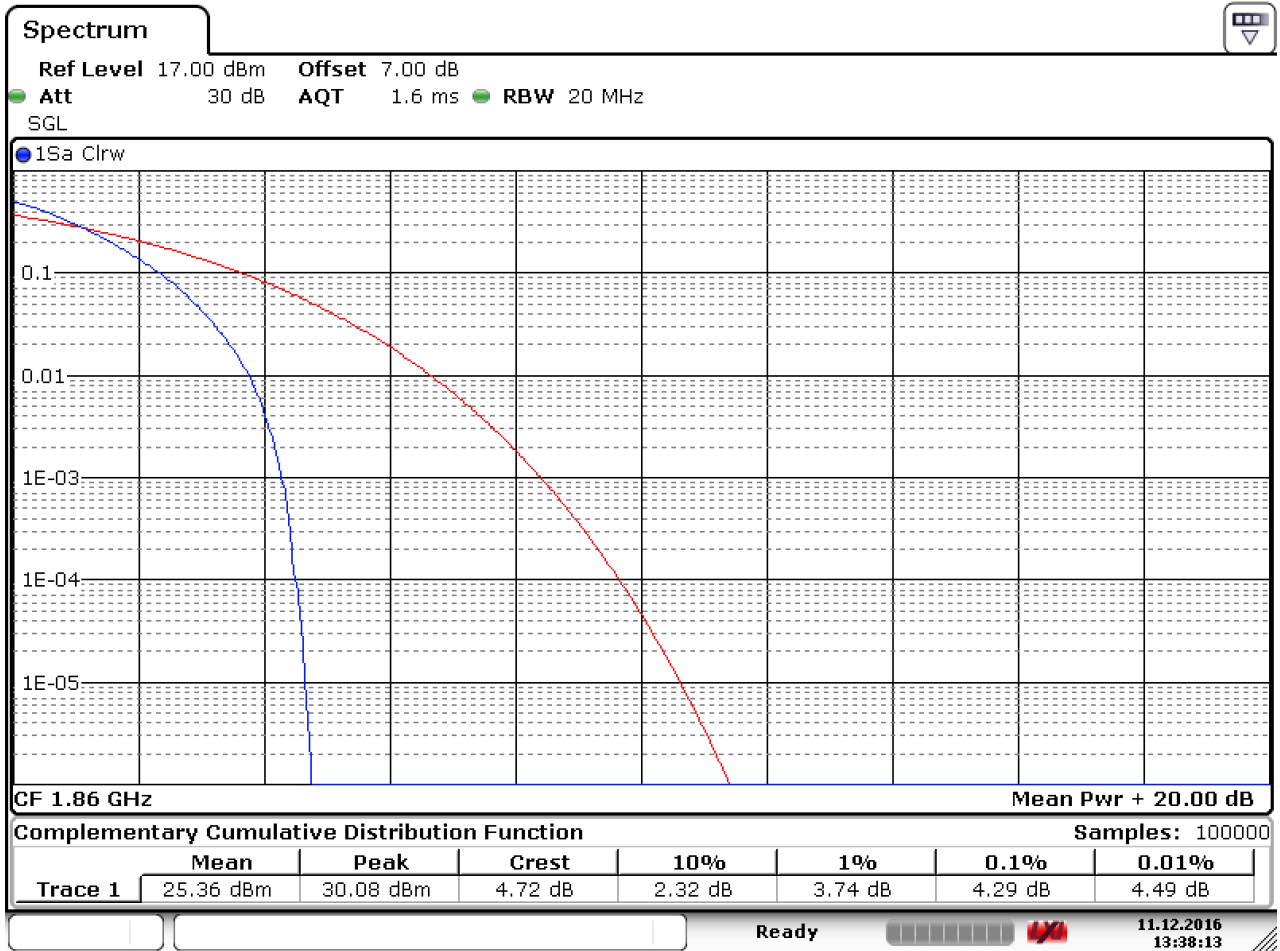
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band2

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

2.1.1.1.1 Test Channel = LCH

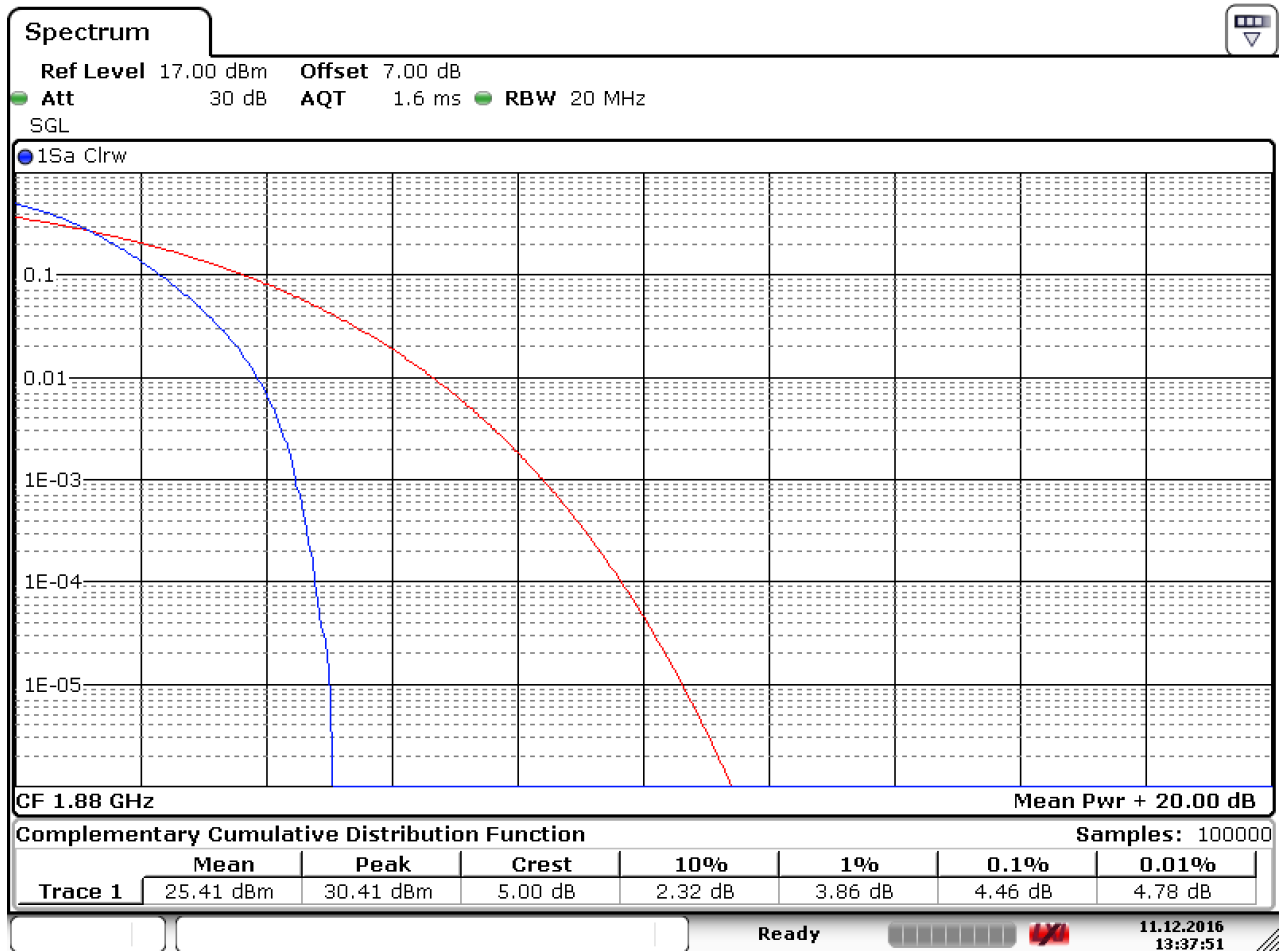


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2.1.1.1.2 Test Channel = MCH

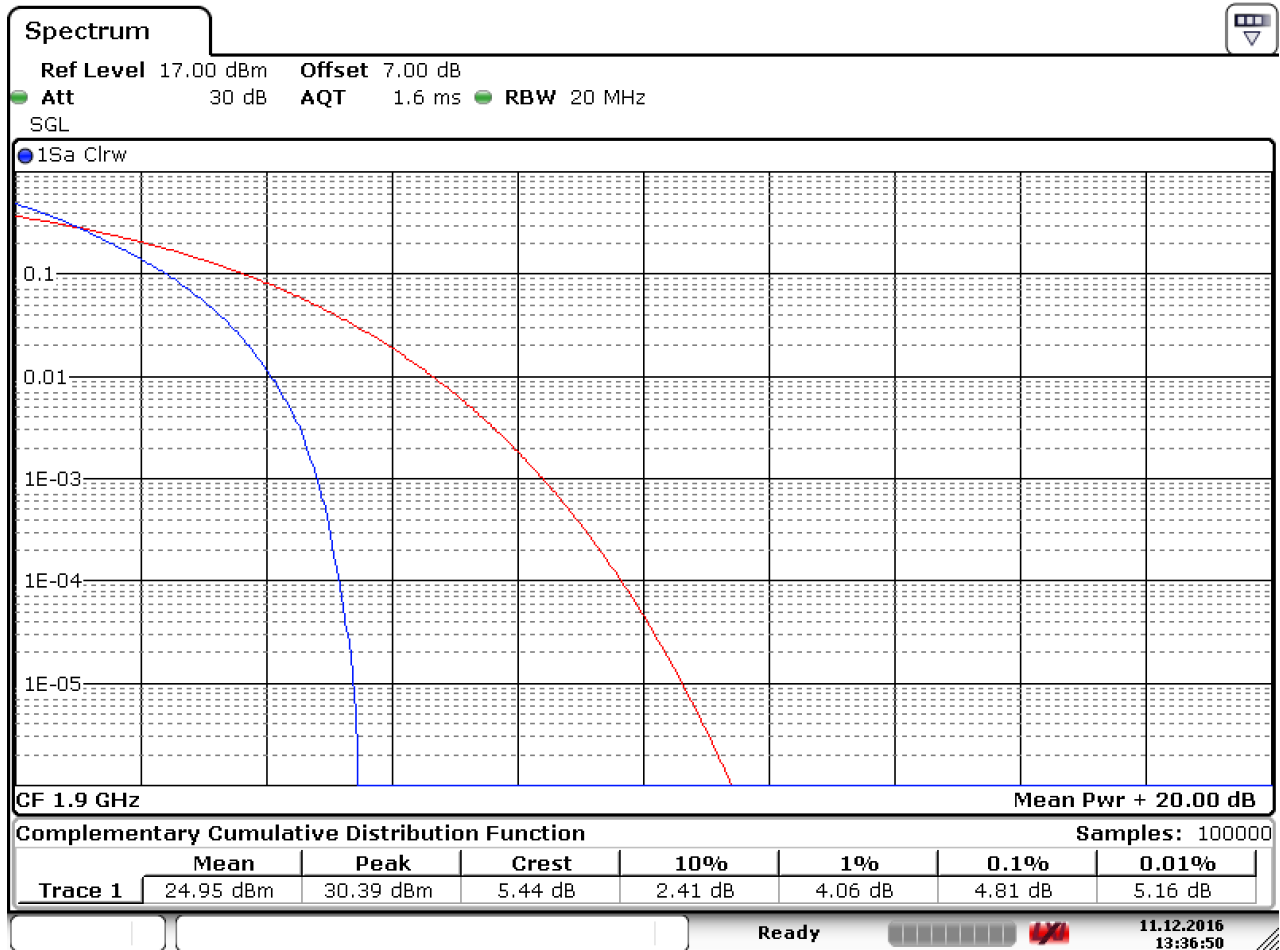


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2.1.1.1.3 Test Channel = HCH



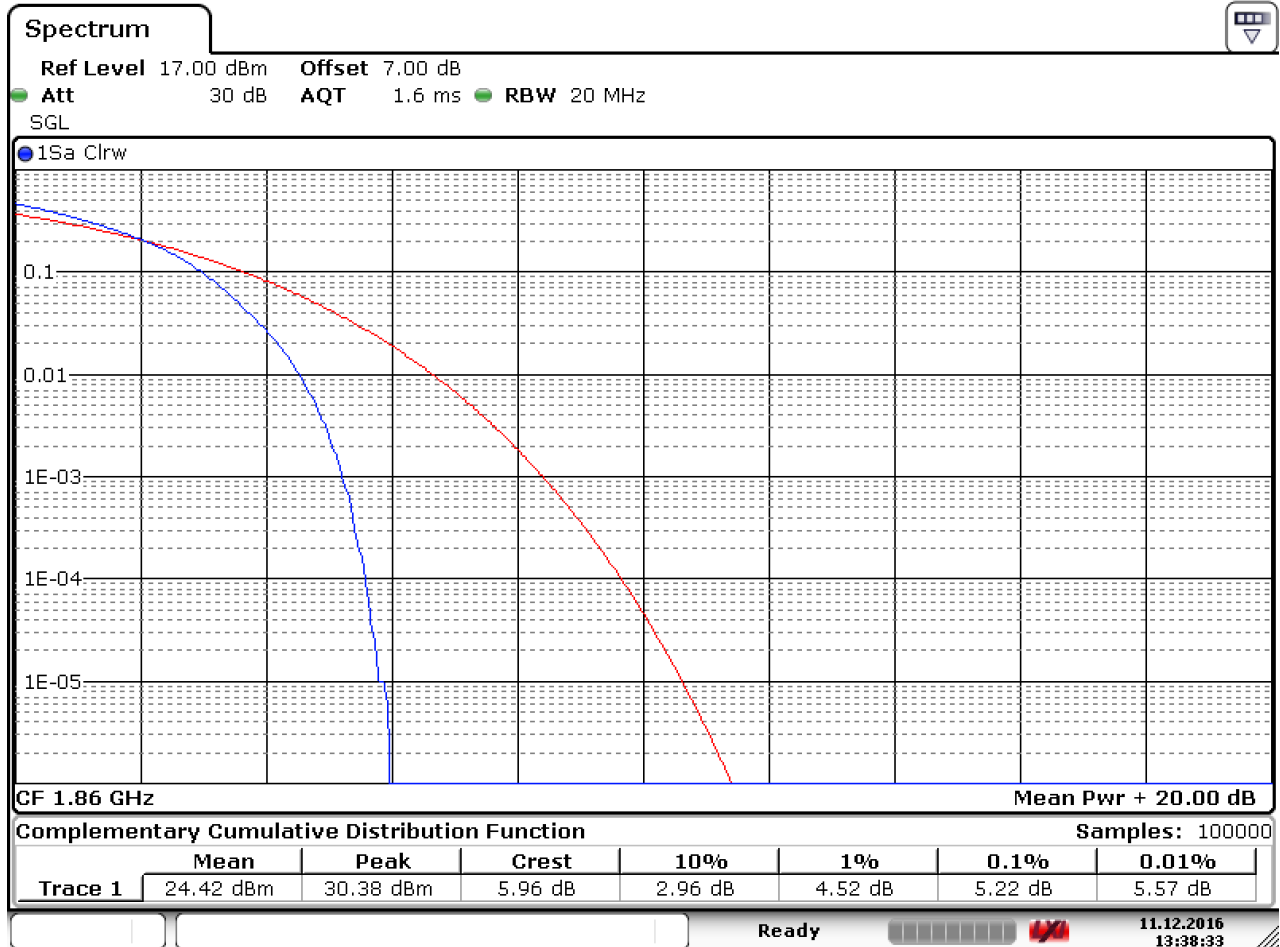
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2.1.1.2 Test Mode = LTE/TM2.Bandwidth=20MHz

2.1.1.2.1 Test Channel = LCH

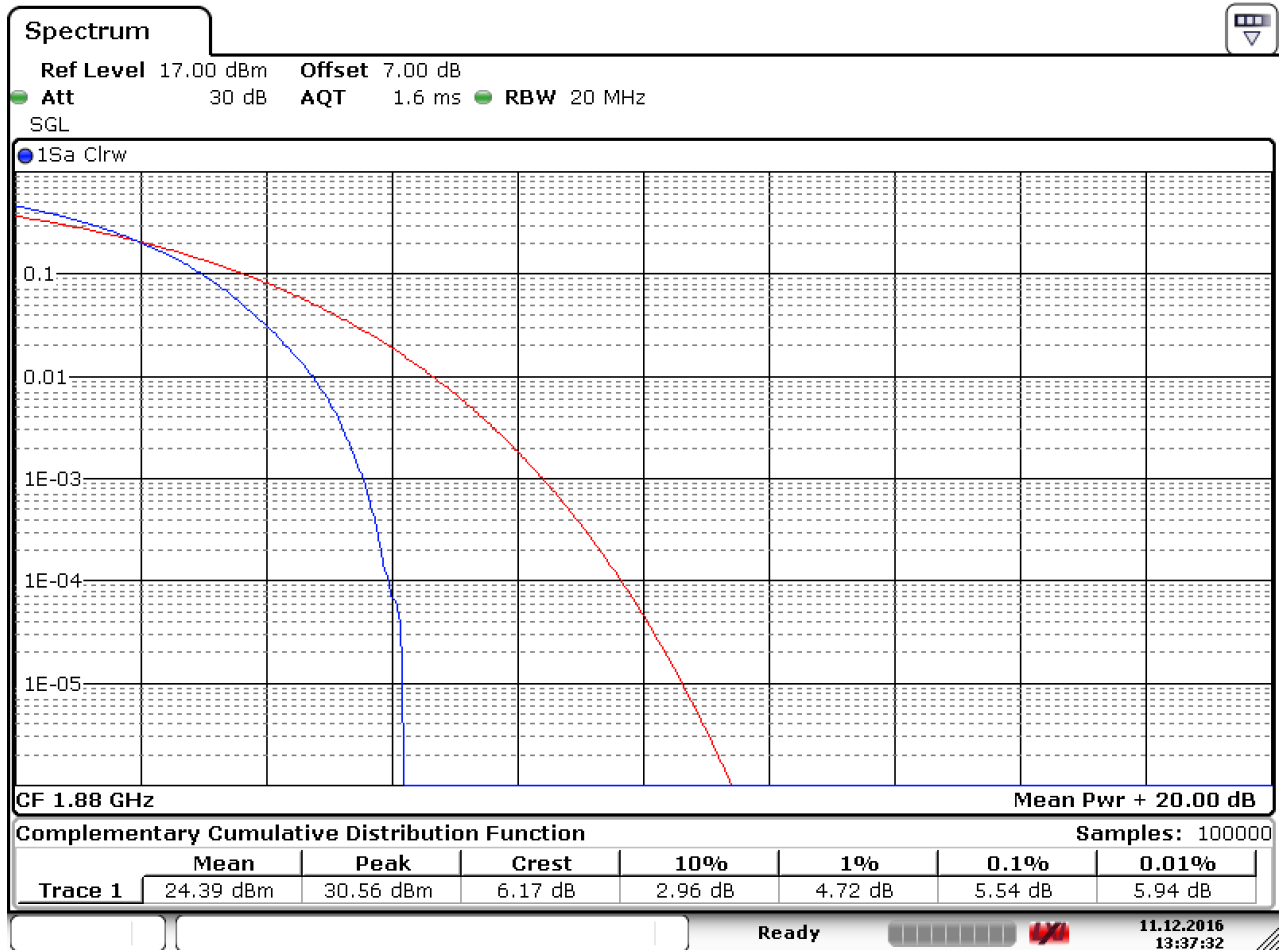


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2.1.1.2.2 Test Channel = MCH

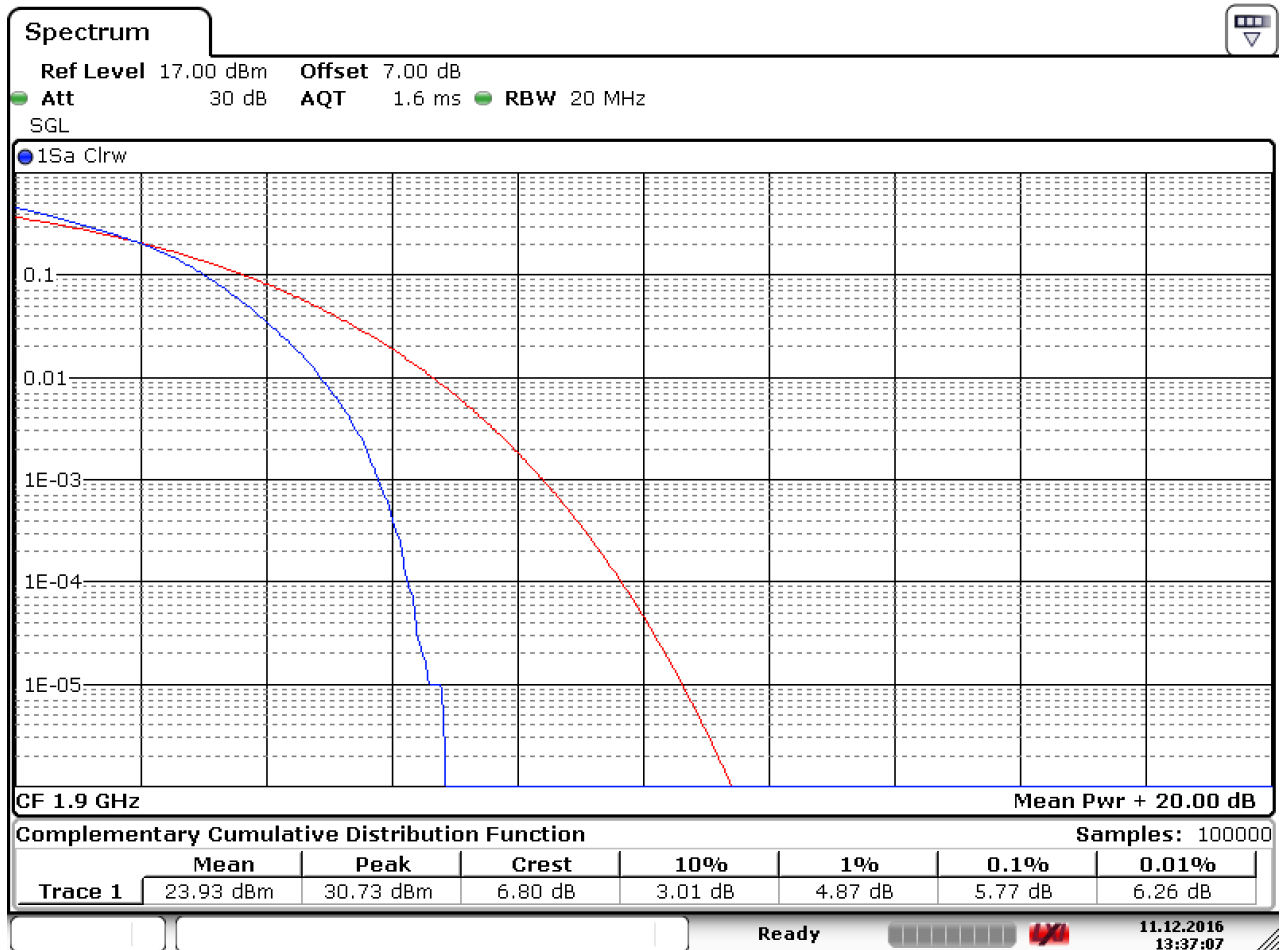


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2.1.1.2.3 Test Channel = HCH



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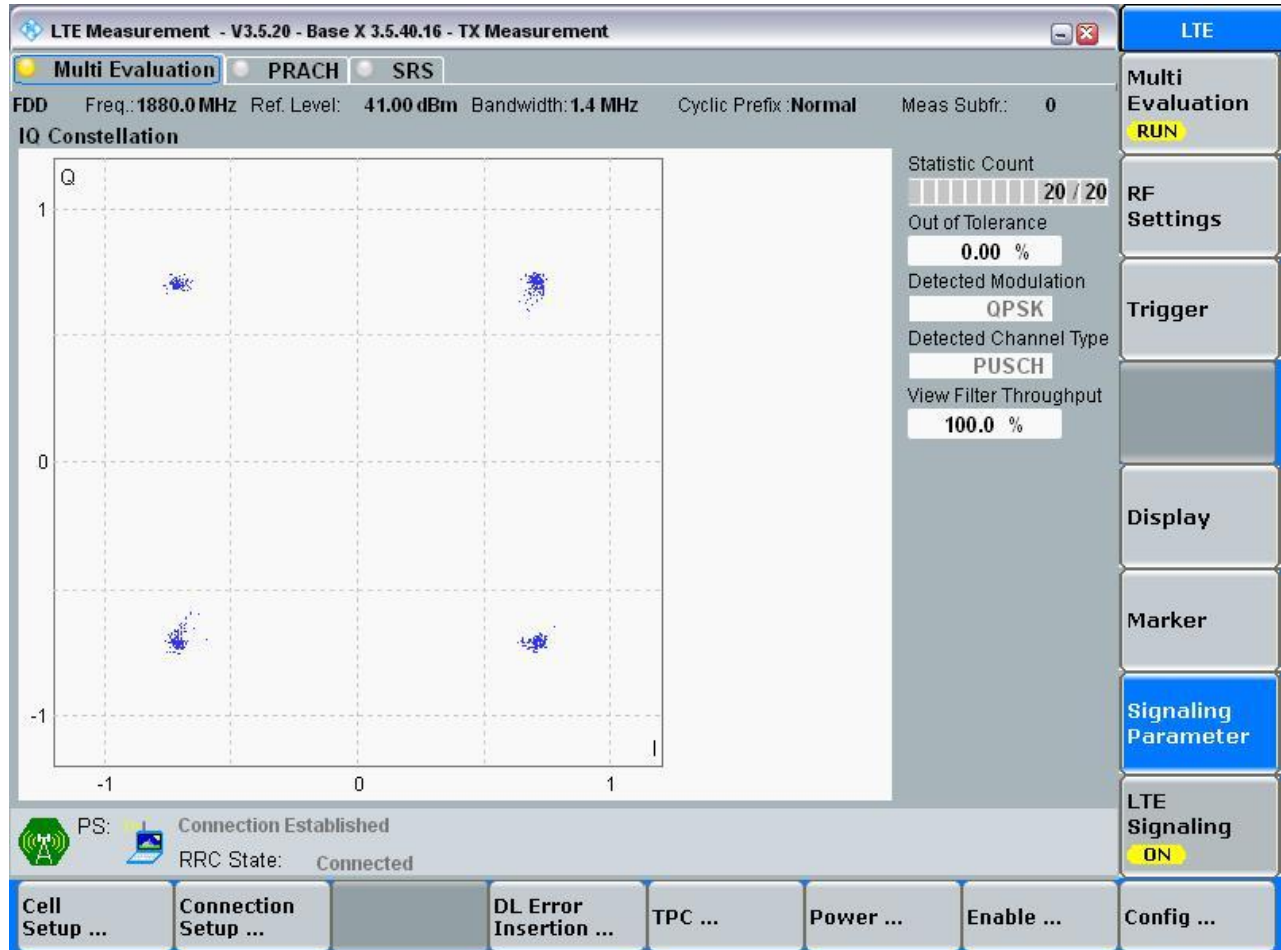
3 Modulation Characteristics

3.1 For LTE

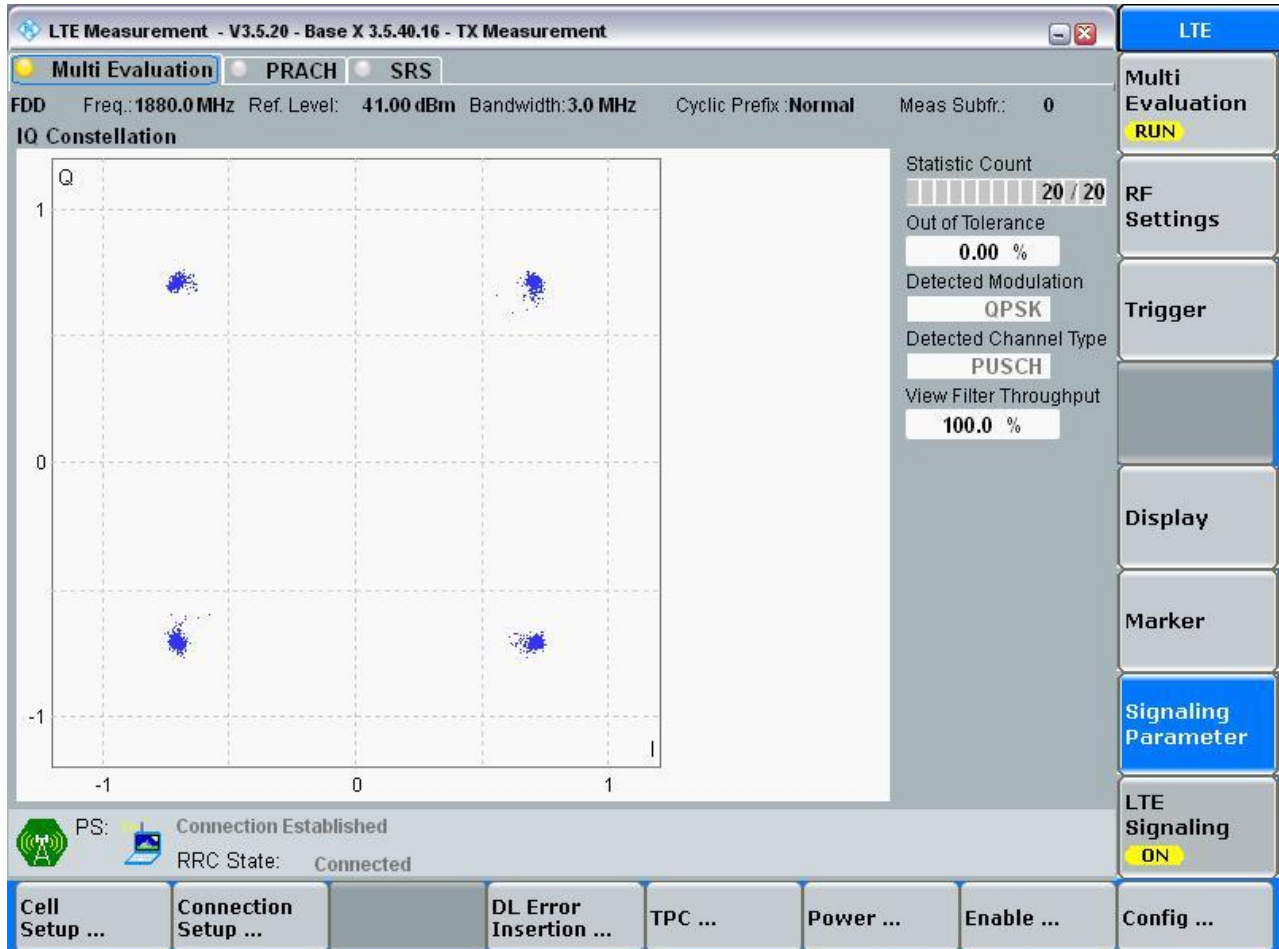
3.1.1 Test Band = LTE band2

3.1.1.1 Test Mode = LTE /TM1 1.4MHz

3.1.1.1.1 Test Channel = MCH

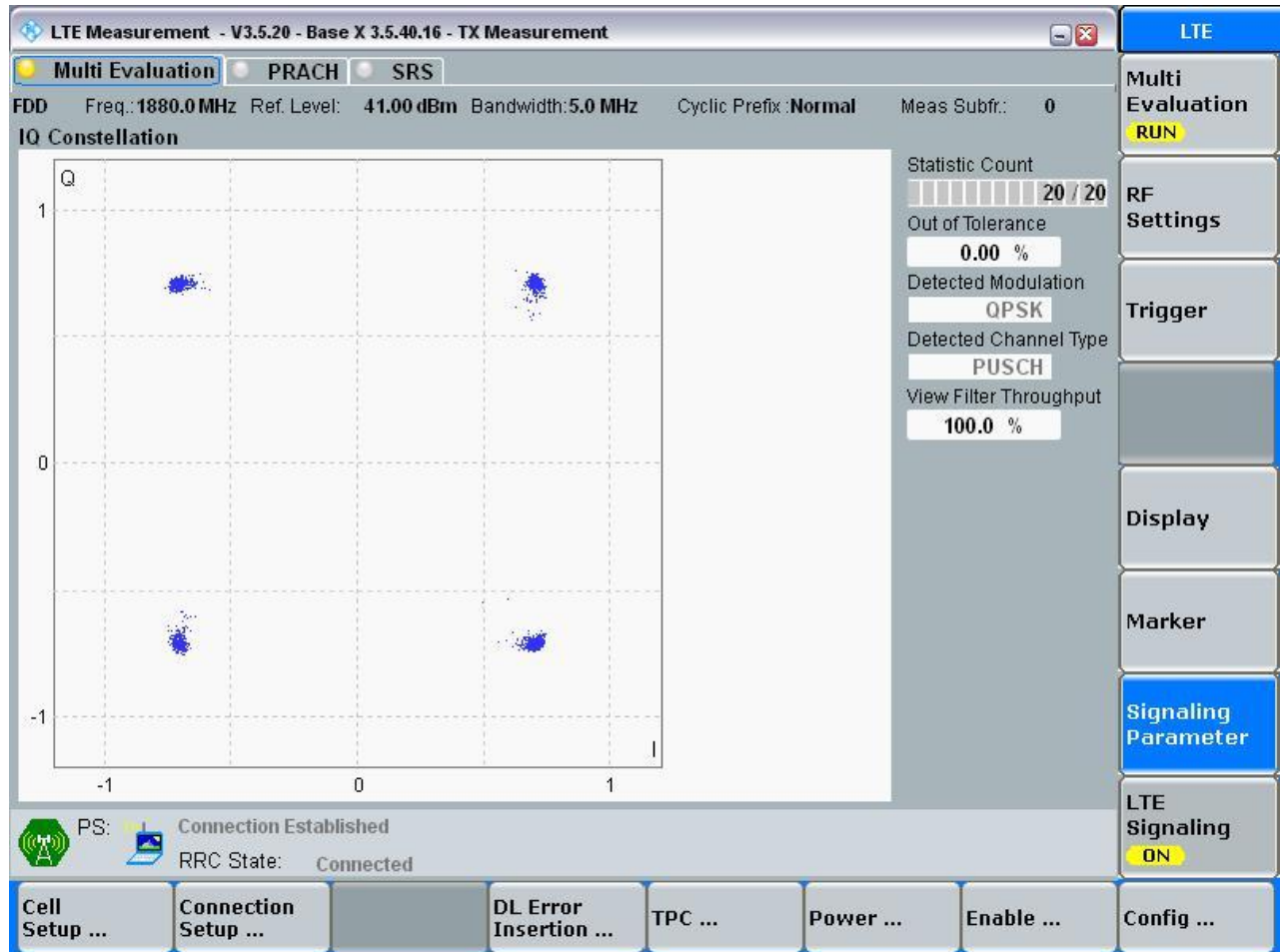


3.1.1.2 Test Mode = LTE /TM1 3MHz
3.1.1.2.1 Test Channel = MCH



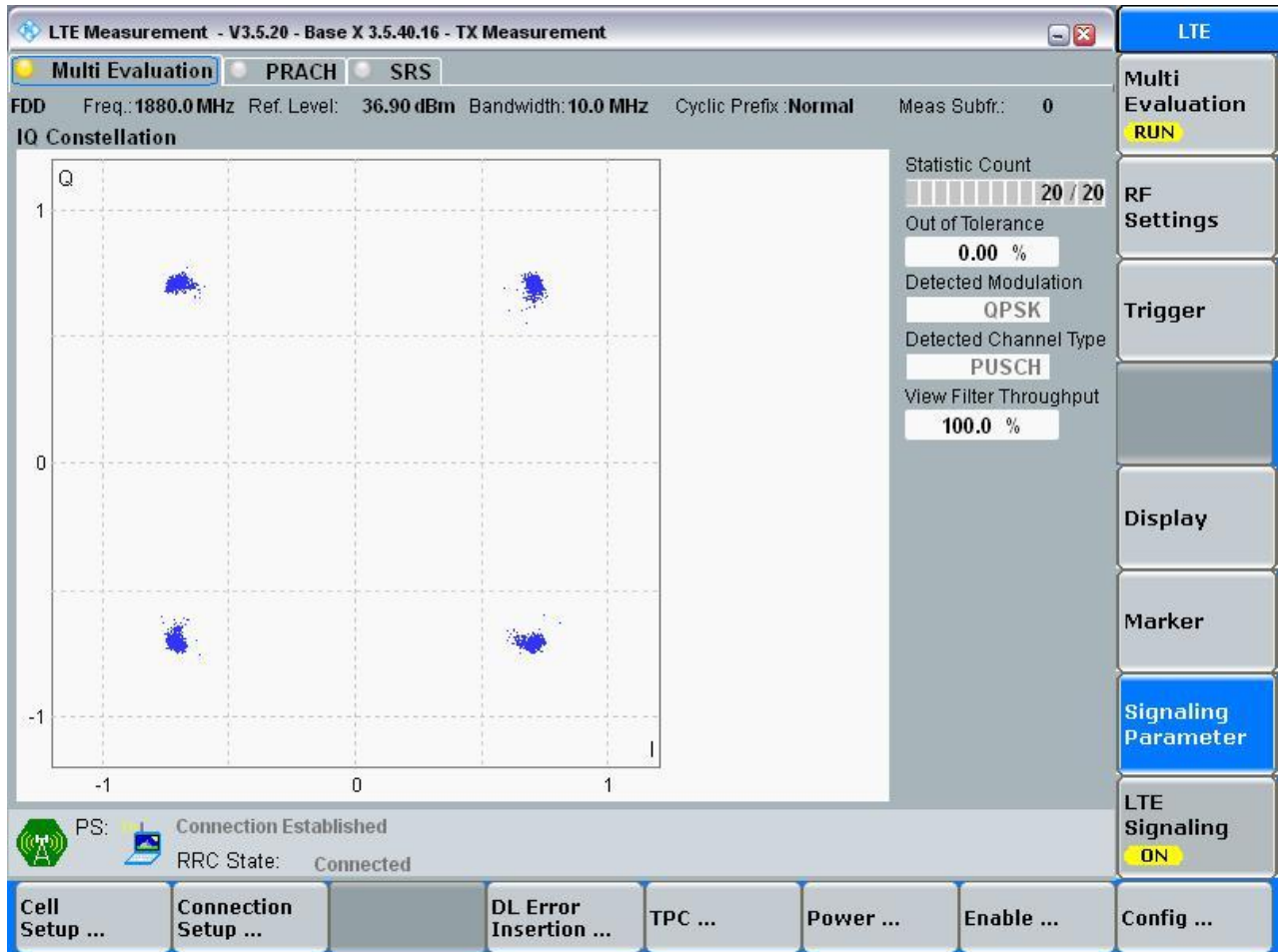
3.1.1.3 Test Mode = LTE /TM1 5MHz

3.1.1.3.1 Test Channel = MCH



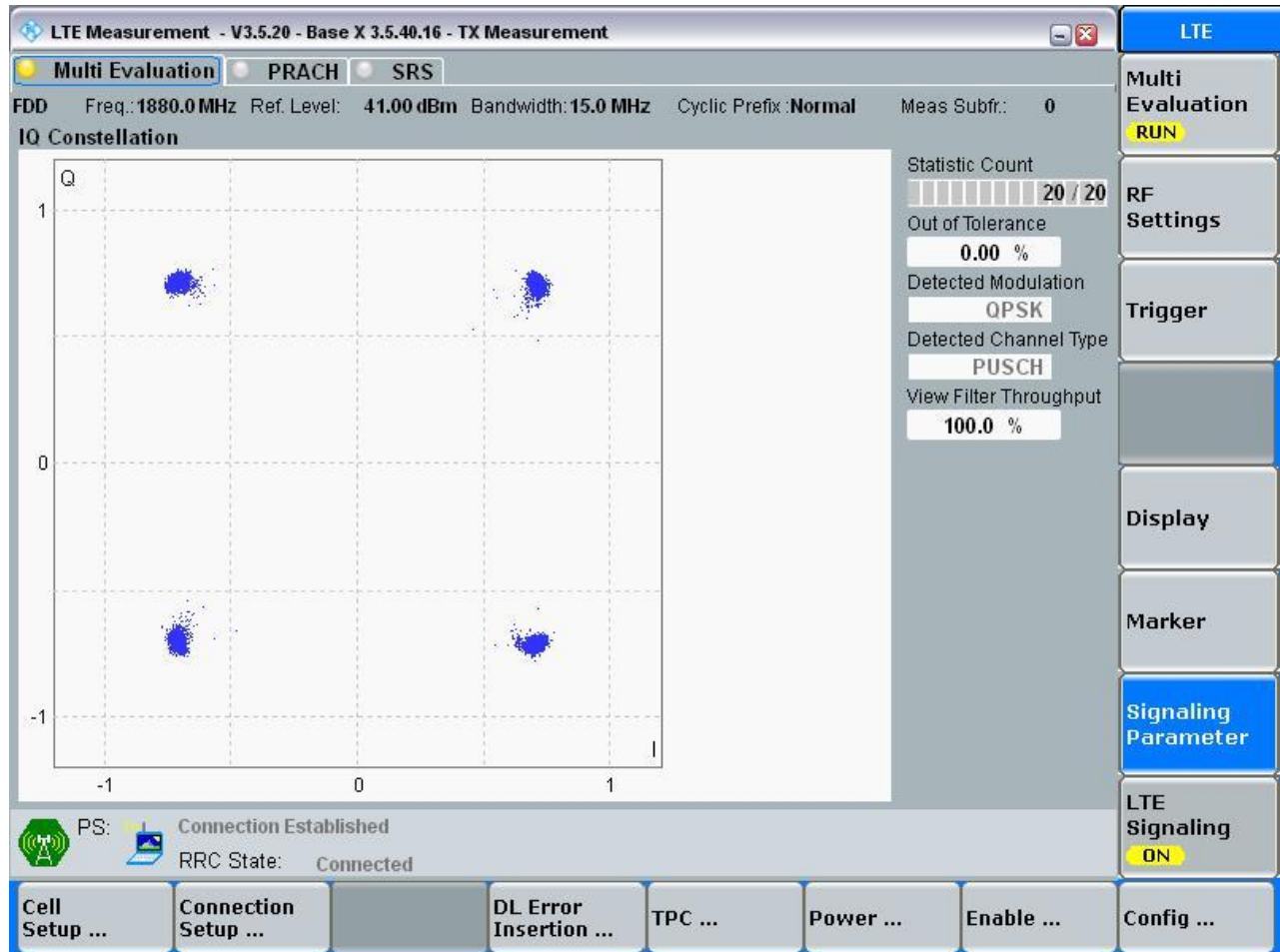
3.1.1.4 Test Mode = LTE /TM1 10MHz

3.1.1.4.1 Test Channel = MCH



3.1.1.5 Test Mode = LTE /TM1 15MHz

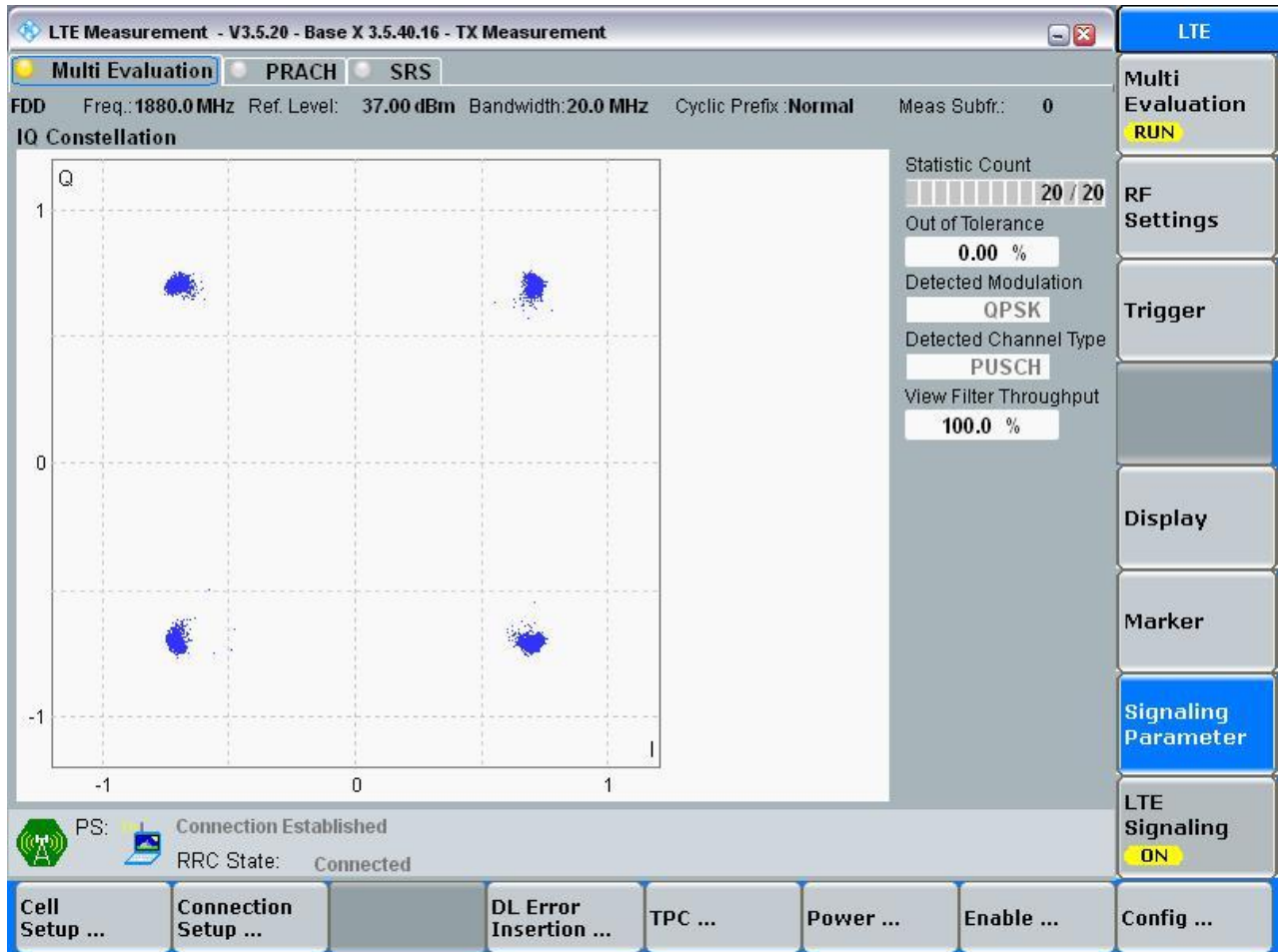
3.1.1.5.1 Test Channel = MCH





3.1.1.6 Test Mode = LTE /TM1 20MHz

3.1.1.6.1 Test Channel = MCH





3.1.1.7 Test Mode = LTE /TM2 1.4MHz
3.1.1.7.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement - V3.5.20 - Base X 3.5.40.16 - TX Measurement' window. The interface includes a top navigation bar with 'Multi Evaluation', 'PRACH', and 'SRS' tabs. Below this, test parameters are listed: FDD, Freq.: 1880.0 MHz, Ref. Level: 41.00 dBm, Bandwidth: 1.4 MHz, and Cyclic Prefix: Normal. The 'IQ Constellation' plot shows a 4x4 grid of signal points. To the right of the plot, a 'Statistic Count' section shows 20/20 samples, 0.00% Out of Tolerance, 16-QAM Detected Modulation, PUSCH Detected Channel Type, and 100.0% View Filter Throughput. A vertical toolbar on the right contains buttons for 'LTE', 'Multi Evaluation RUN', 'RF Settings', 'Trigger', 'Display', 'Marker', 'Signaling Parameter', and 'LTE Signaling ON'. The bottom status bar shows 'PS: Connection Established' and 'RRC State: Connected'. A bottom navigation bar contains buttons for 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.



3.1.1.8 Test Mode = LTE /TM2 3MHz

3.1.1.8.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement - V3.5.20 - Base X 3.5.40.16 - TX Measurement' software interface. The main window is titled 'Multi Evaluation' and shows the following parameters: FDD, Freq.: 1880.0 MHz, Ref. Level: 41.00 dBm, Bandwidth: 3.0 MHz, and Cyclic Prefix: Normal. The 'IQ Constellation' plot shows a 16-QAM modulation scheme with 20 samples, all within tolerance (0.00% Out of Tolerance). The detected modulation is 16-QAM and the detected channel type is PUSCH. The view filter throughput is 100.0%. The interface includes a right-hand sidebar with buttons for 'LTE', 'Multi Evaluation RUN', 'RF Settings', 'Trigger', 'Display', 'Marker', 'Signaling Parameter', and 'LTE Signaling ON'. At the bottom, there are buttons for 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'. The status bar at the bottom indicates 'PS: Connection Established' and 'RRC State: Connected'.

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3.1.1.9 Test Mode = LTE /TM2 5MHz

3.1.1.9.1 Test Channel = MCH

The screenshot displays the 'LTE Measurement - V3.5.20 - Base X 3.5.40.16 - TX Measurement' window. The interface includes a top navigation bar with 'LTE' selected, and a main area with 'Multi Evaluation' selected. The test parameters are: FDD, Freq.: 1880.0 MHz, Ref. Level: 41.00 dBm, Bandwidth: 5.0 MHz, and Cyclic Prefix: Normal. The 'IQ Constellation' plot shows a 16-QAM signal with 20 samples, all within tolerance (0.00% Out of Tolerance). The detected modulation is 16-QAM and the detected channel type is PUSCH. The view filter throughput is 100.0%. The right sidebar contains buttons for 'Multi Evaluation RUN', 'RF Settings', 'Trigger', 'Display', 'Marker', 'Signaling Parameter', and 'LTE Signaling ON'. The bottom status bar shows 'PS: Connection Established' and 'RRC State: Connected'. A bottom toolbar contains buttons for 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.

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3.1.1.10 Test Mode = LTE /TM2 10MHz

3.1.1.10.1 Test Channel = MCH

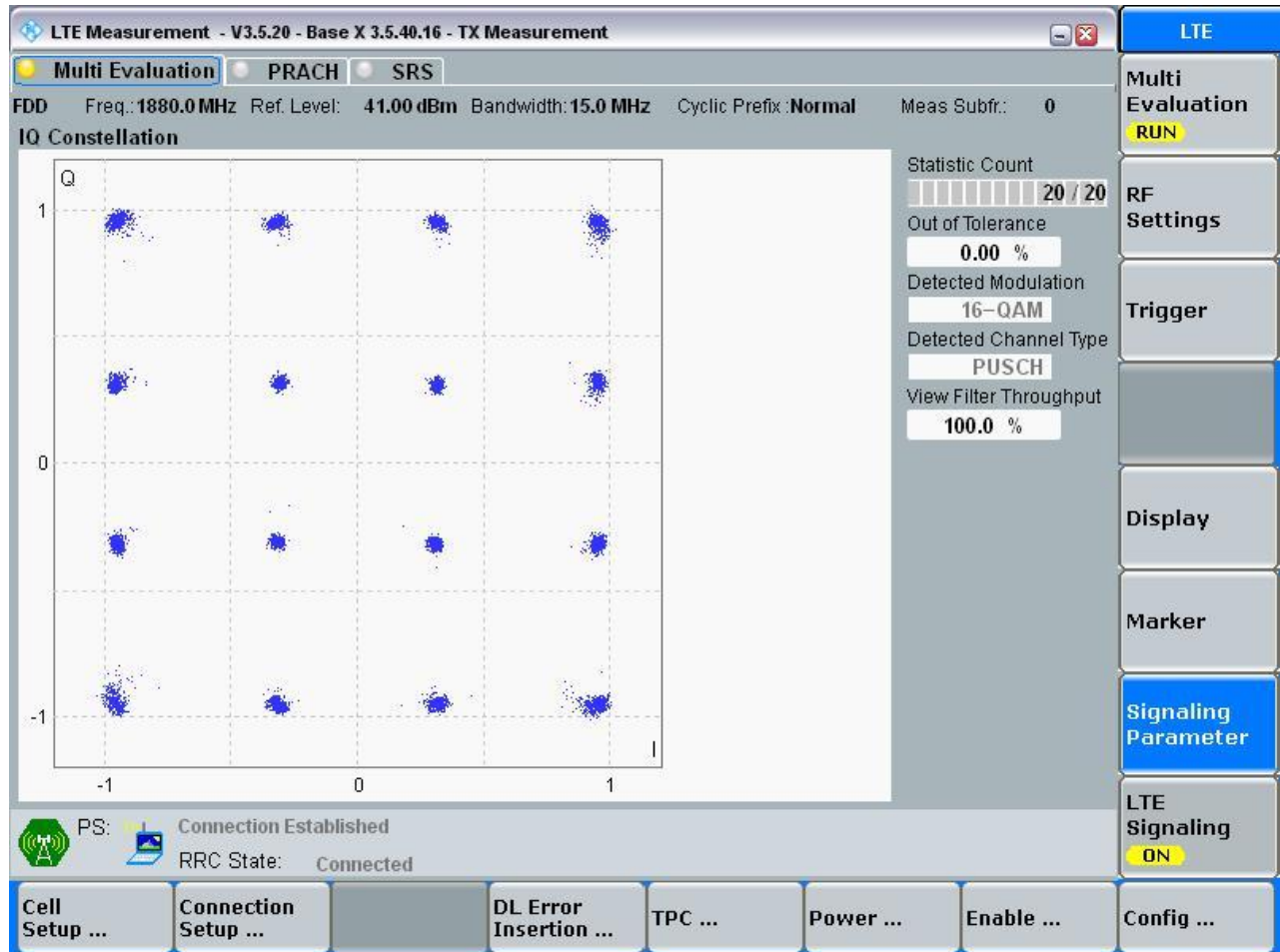
The screenshot displays the 'LTE Measurement - V3.5.20 - Base X 3.5.40.16 - TX Measurement' window. The 'Multi Evaluation' tab is active, showing a 'RUN' status. The main display area features an 'IQ Constellation' plot with a grid from -1 to 1 on both axes, showing a 16-QAM constellation. To the right of the plot, a 'Statistic Count' section shows '20 / 20' samples, '0.00 %' Out of Tolerance, 'Detected Modulation: 16-QAM', 'Detected Channel Type: PUSCH', and 'View Filter Throughput: 100.0 %'. A vertical toolbar on the right contains buttons for 'LTE', 'Multi Evaluation', 'RF Settings', 'Trigger', 'Display', 'Marker', 'Signaling Parameter', and 'LTE Signaling' (which is 'ON'). The bottom status bar shows 'PS: Connection Established' and 'RRC State: Connected'. A bottom navigation bar includes buttons for 'Cell Setup ...', 'Connection Setup ...', 'DL Error Insertion ...', 'TPC ...', 'Power ...', 'Enable ...', and 'Config ...'.

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3.1.1.11 Test Mode = LTE /TM2 15MHz

3.1.1.11.1 Test Channel = MCH

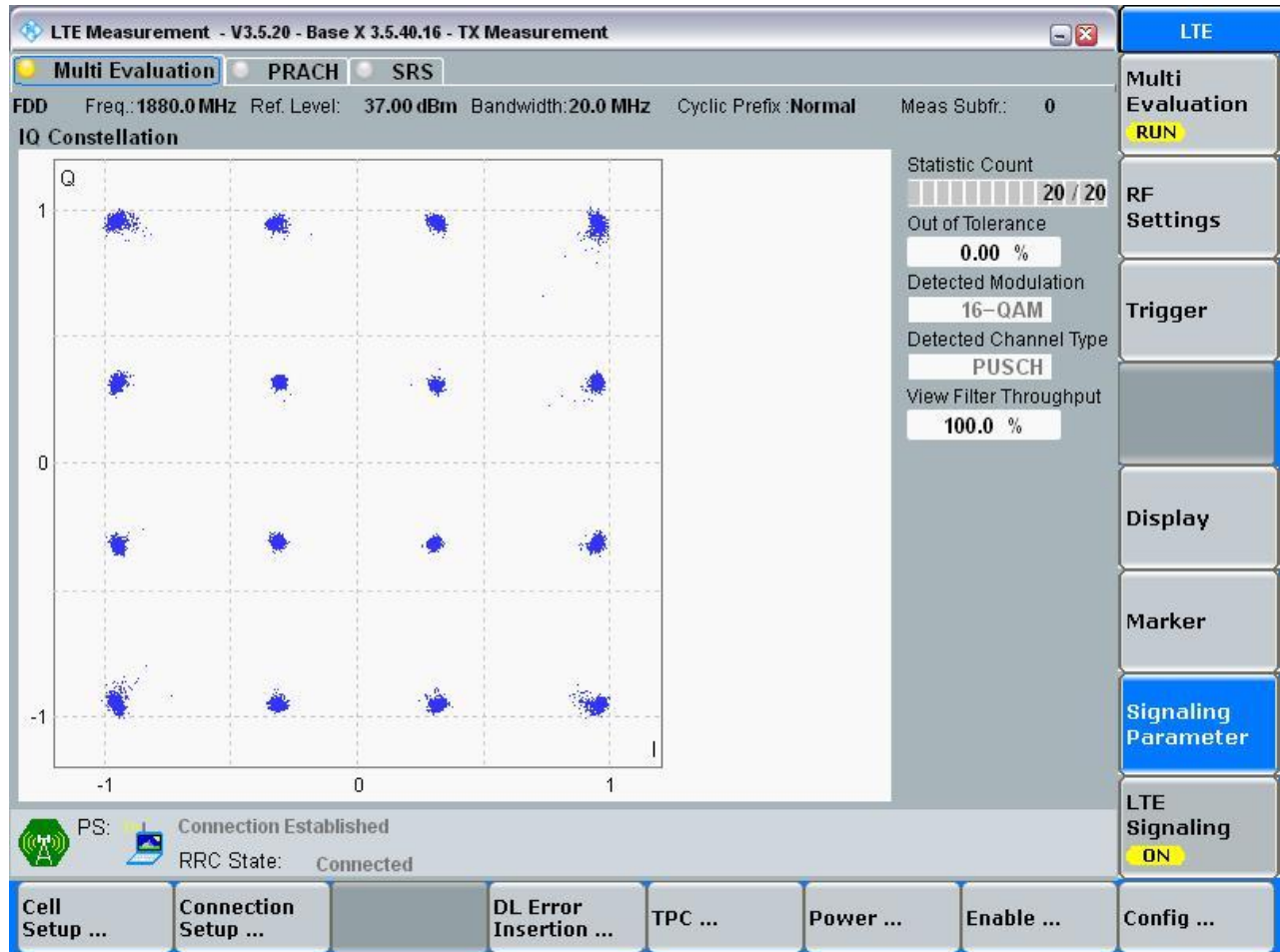


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3.1.1.12 Test Mode = LTE /TM2 20MHz

3.1.1.12.1 Test Channel = MCH



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4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band 2	TM1/1.4MHz	LCH	1.11	1.38	PASS
		MCH	1.10	1.29	PASS
		HCH	1.12	1.95	PASS
	TM2/1.4MHz	LCH	1.10	1.33	PASS
		MCH	1.09	1.27	PASS
		HCH	1.11	1.40	PASS
	TM1/ 3MHz	LCH	2.69	2.96	PASS
		MCH	2.69	2.92	PASS
		HCH	2.70	3.12	PASS
	TM2/3MHz	LCH	2.69	2.92	PASS
		MCH	2.69	2.91	PASS
		HCH	2.69	2.95	PASS
	TM1/ 5MHz	LCH	4.51	5.09	PASS
		MCH	4.50	5.01	PASS
		HCH	4.49	5.02	PASS
	TM2/ 5MHz	LCH	4.50	5.02	PASS
		MCH	4.49	4.95	PASS
		HCH	4.49	5.02	PASS
	TM1/10MHz	LCH	8.95	9.85	PASS
		MCH	8.97	9.80	PASS
		HCH	8.95	9.77	PASS
	TM2/ 10MHz	LCH	8.97	9.81	PASS
		MCH	8.93	9.60	PASS
		HCH	8.93	9.73	PASS
TM1/ 15MHz	LCH	13.55	15.60	PASS	
	MCH	13.49	15.02	PASS	
	HCH	13.55	14.99	PASS	
TM2/ 15MHz	LCH	13.55	14.91	PASS	
	MCH	13.52	14.90	PASS	
	HCH	13.58	14.93	PASS	

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**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZEM161000916705

Page: 35 of 177

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
	TM1/ 20MHz	LCH	17.98	19.70	PASS
		MCH	17.90	19.30	PASS
		HCH	18.02	19.56	PASS
	TM2/ 20MHz	LCH	17.94	19.58	PASS
		MCH	17.94	19.58	PASS
		HCH	18.02	19.68	PASS

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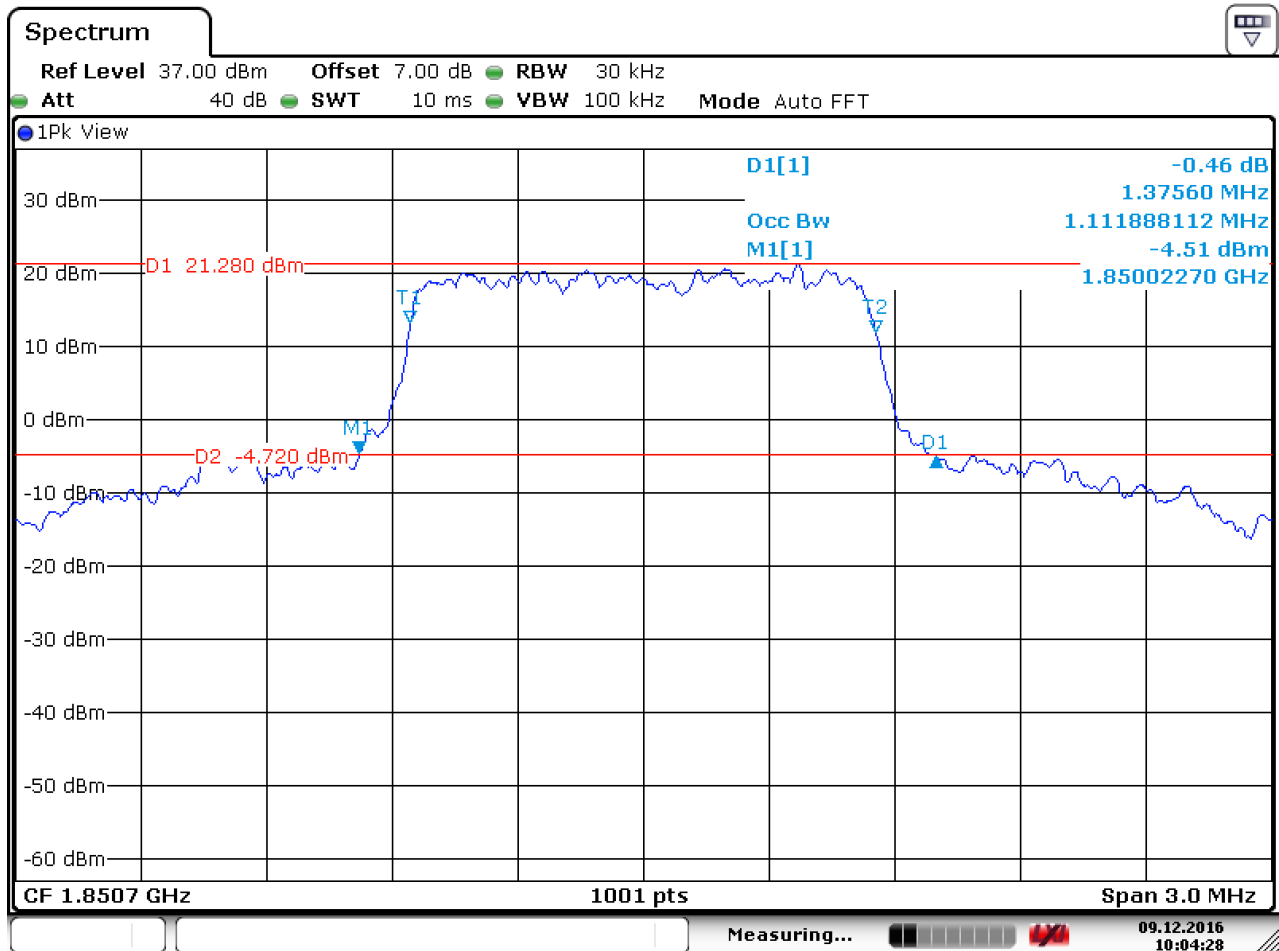
Part II –Test Plots

4.1 For LTE

4.1.1 Test Band = LTE band2

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

4.1.1.1.1 Test Channel = LCH

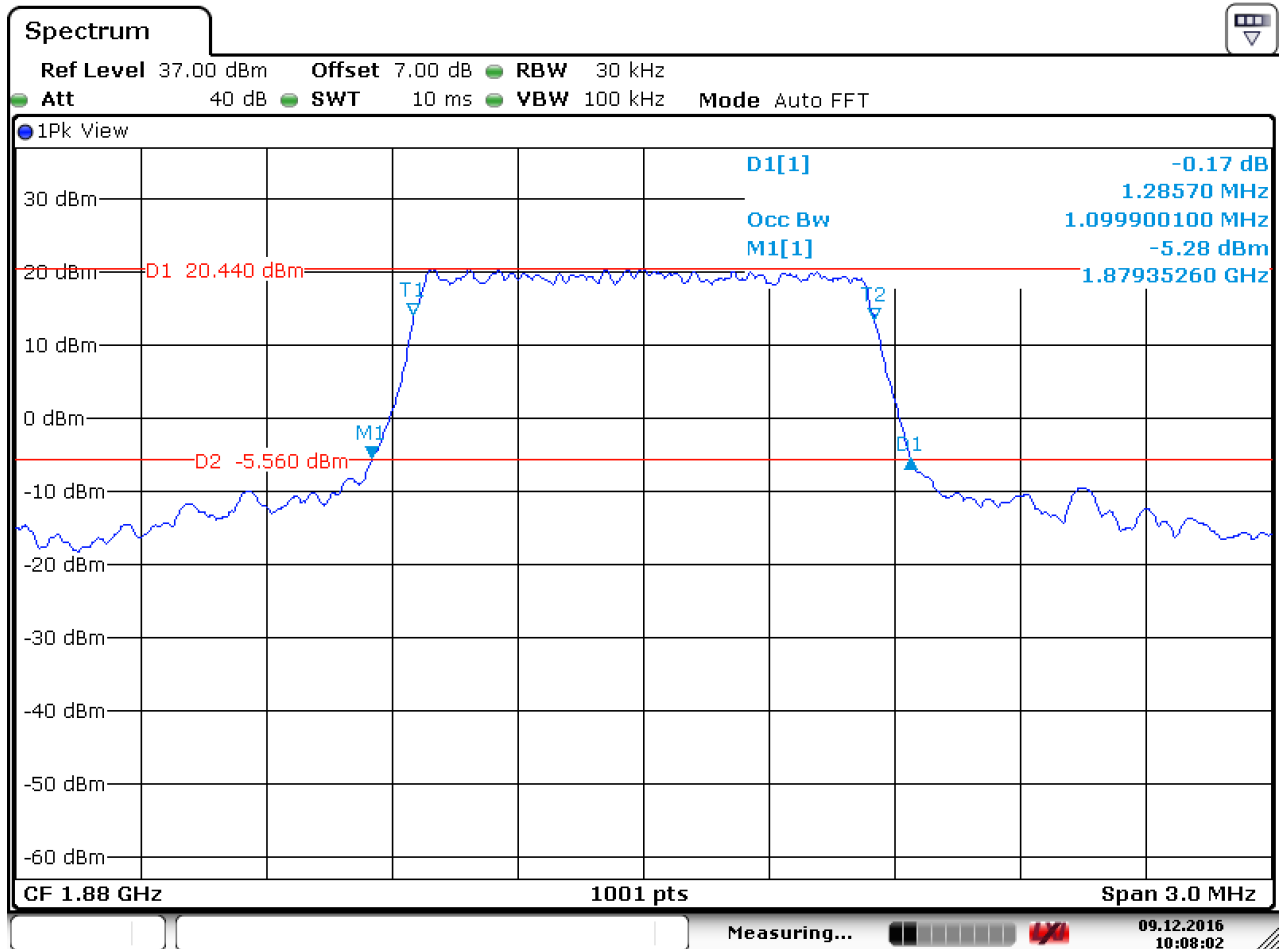


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4.1.1.1.2 Test Channel = MCH

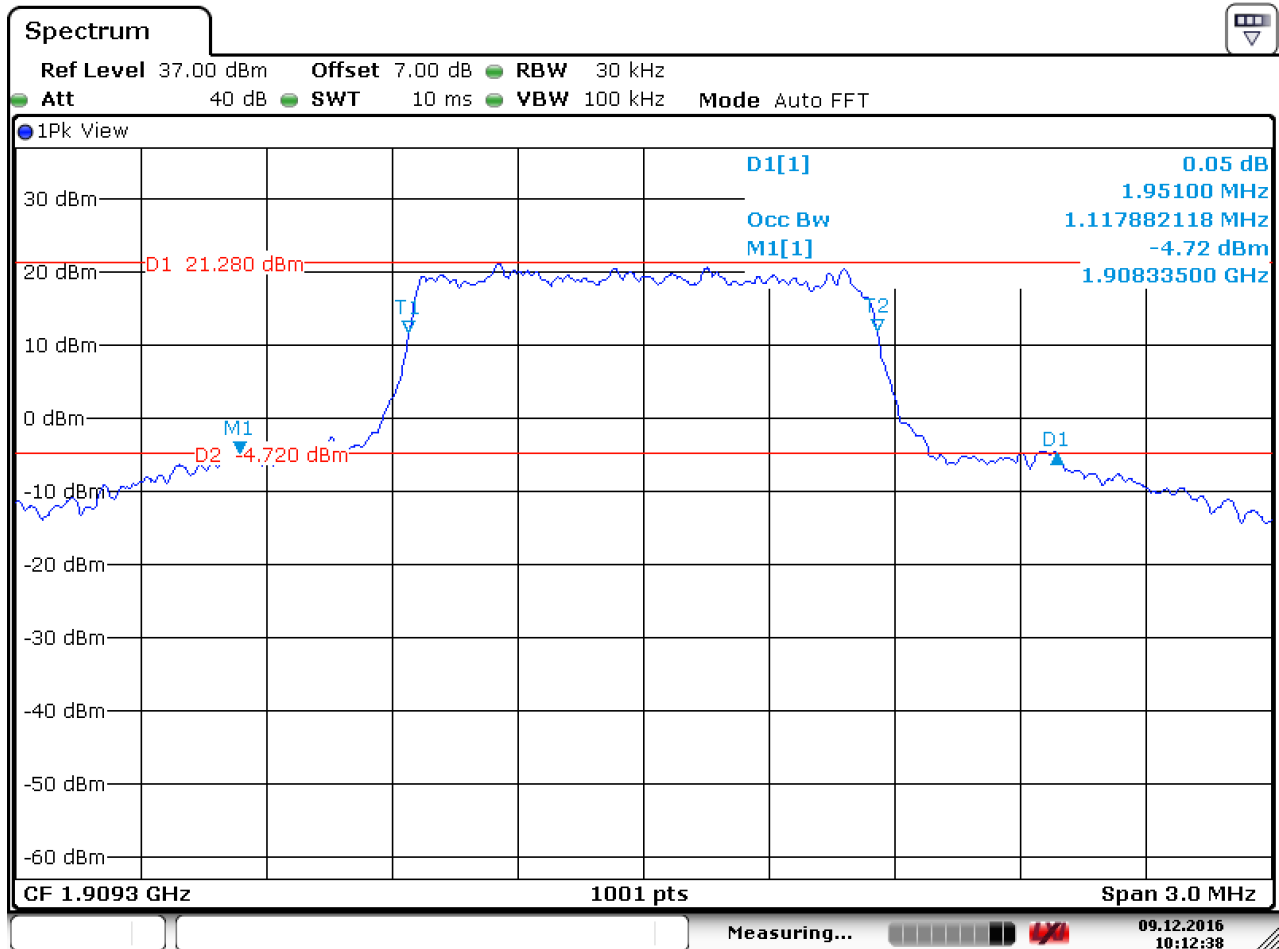


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4.1.1.1.3 Test Channel = HCH



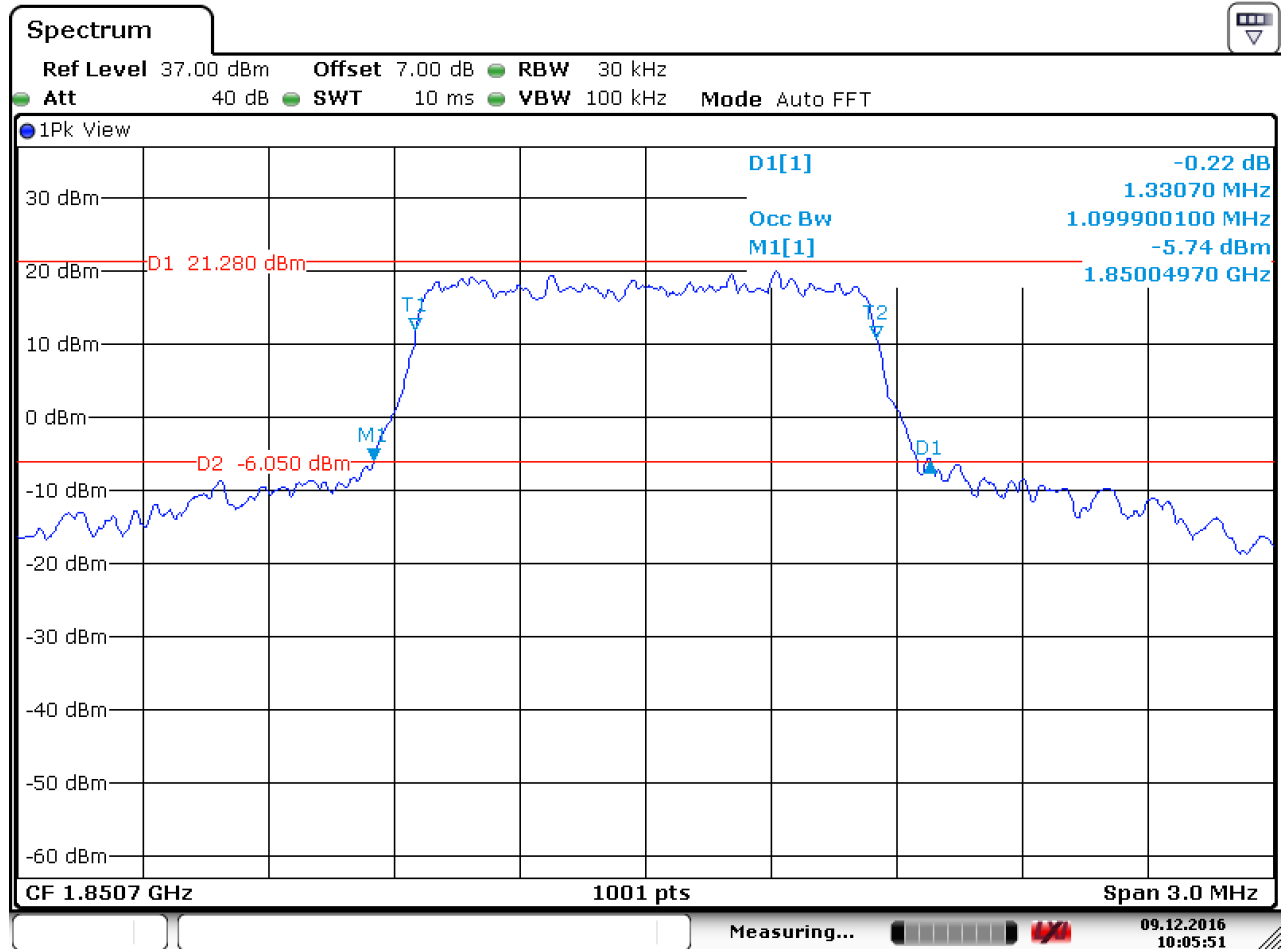
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4.1.1.2 Test Mode = LTE/TM2 1.4MHz

4.1.1.2.1 Test Channel = LCH

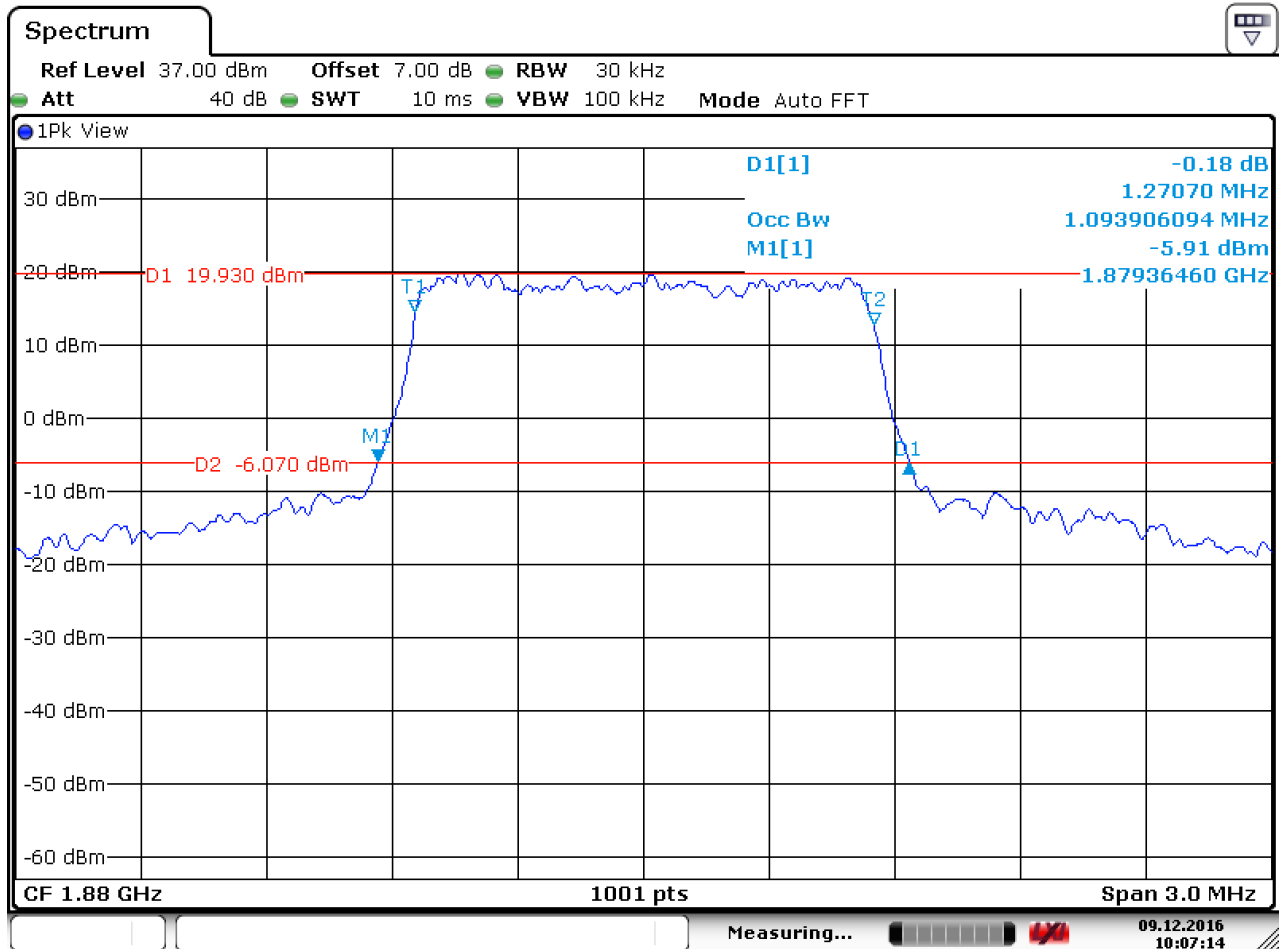


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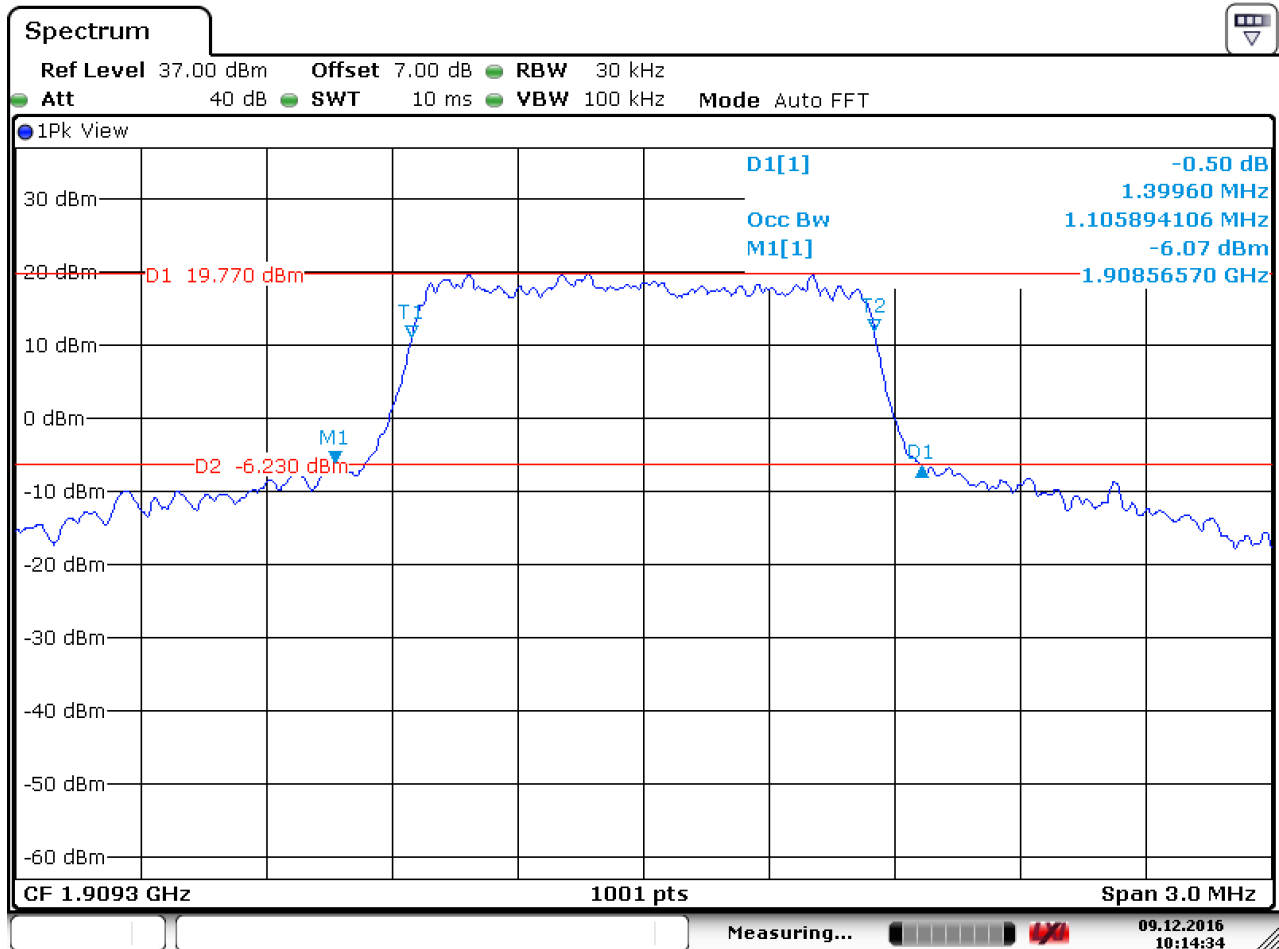
4.1.1.2.2 Test Channel = MCH



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4.1.1.2.3 Test Channel = HCH



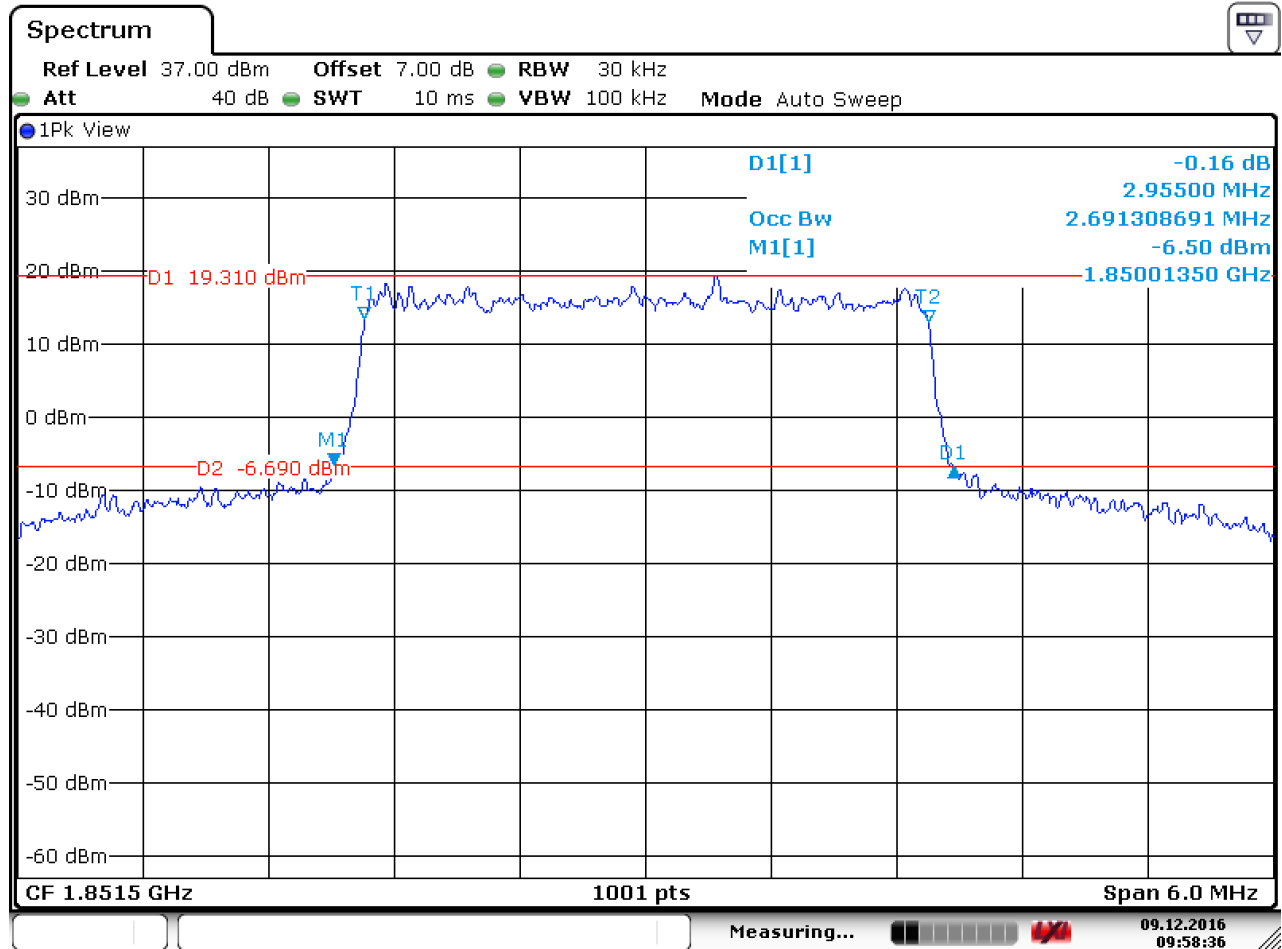
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4.1.1.3 Test Mode = LTE/TM1 3MHz

4.1.1.3.1 Test Channel = LCH

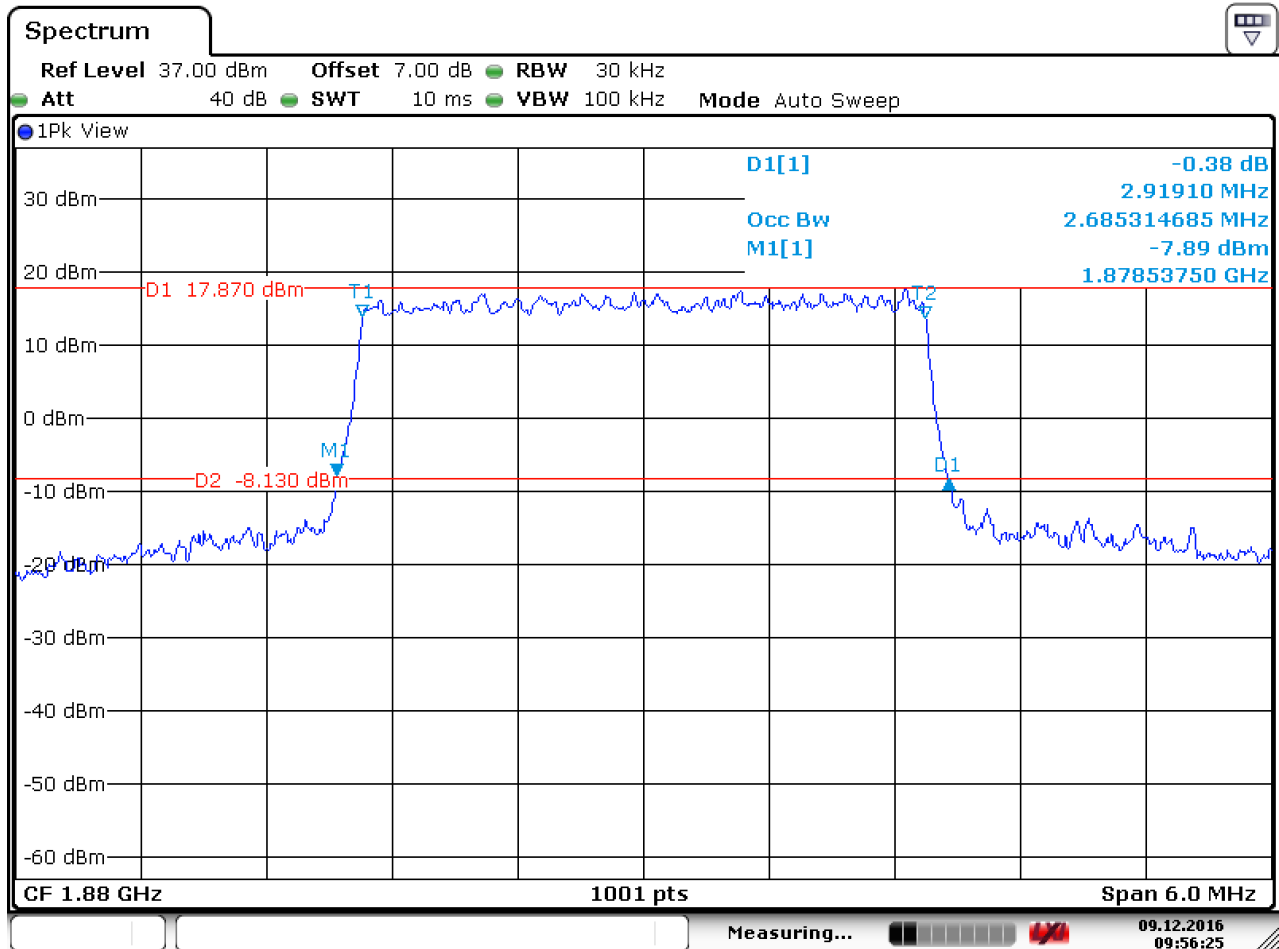


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4.1.1.3.2 Test Channel = MCH

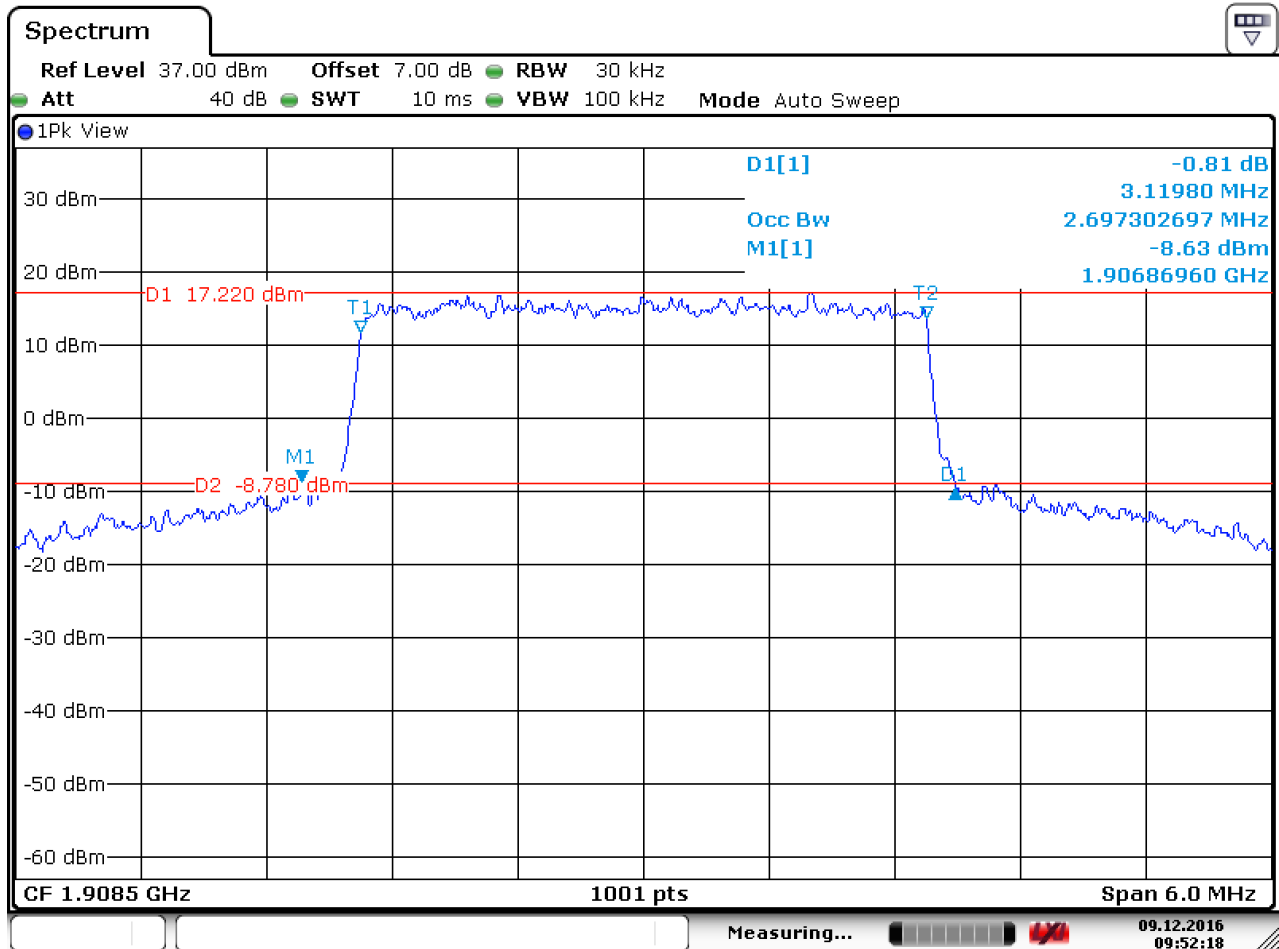


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4.1.1.3.3 Test Channel = HCH



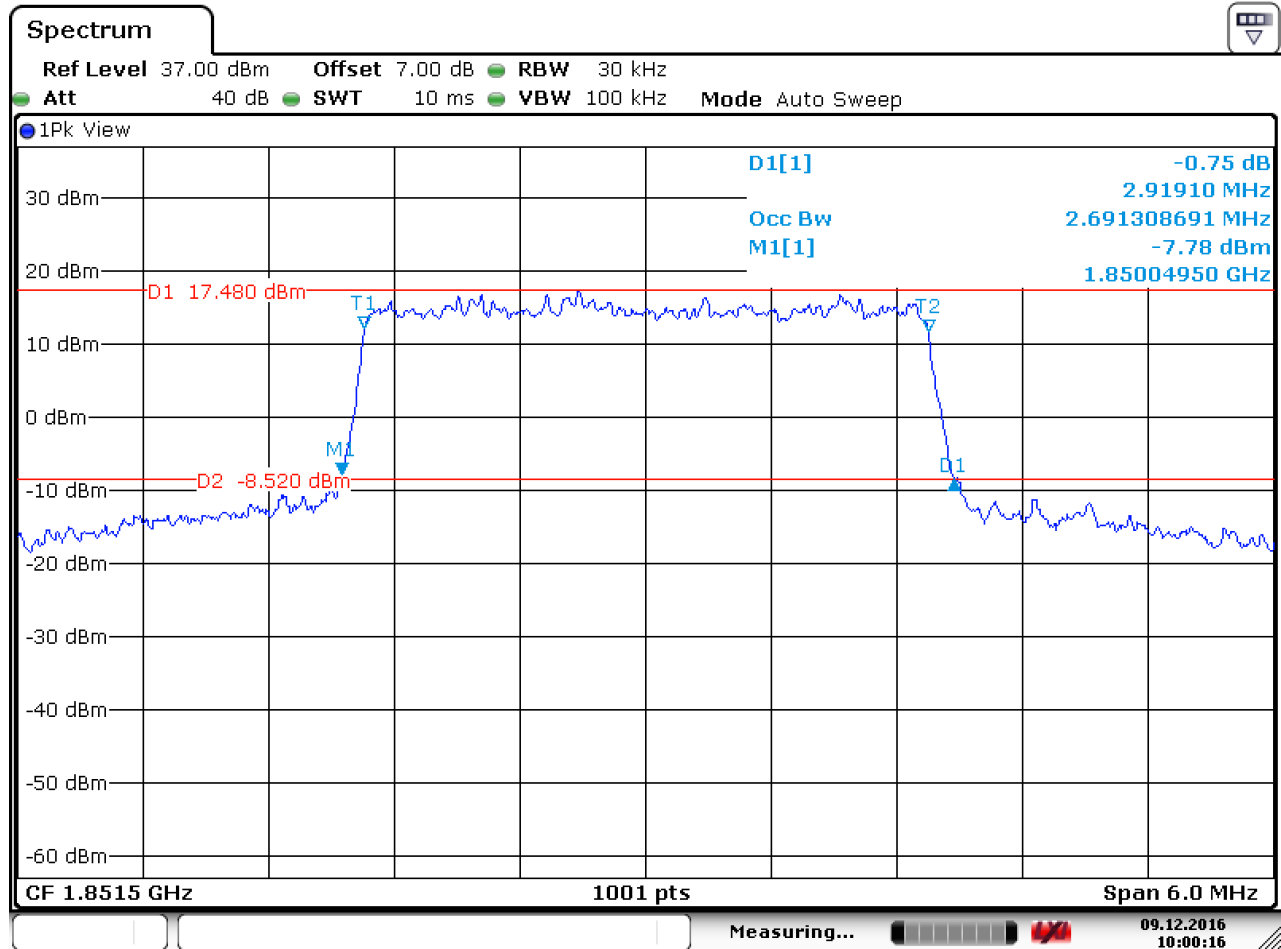
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4.1.1.4 Test Mode = LTE/TM2 3MHz

4.1.1.4.1 Test Channel = LCH

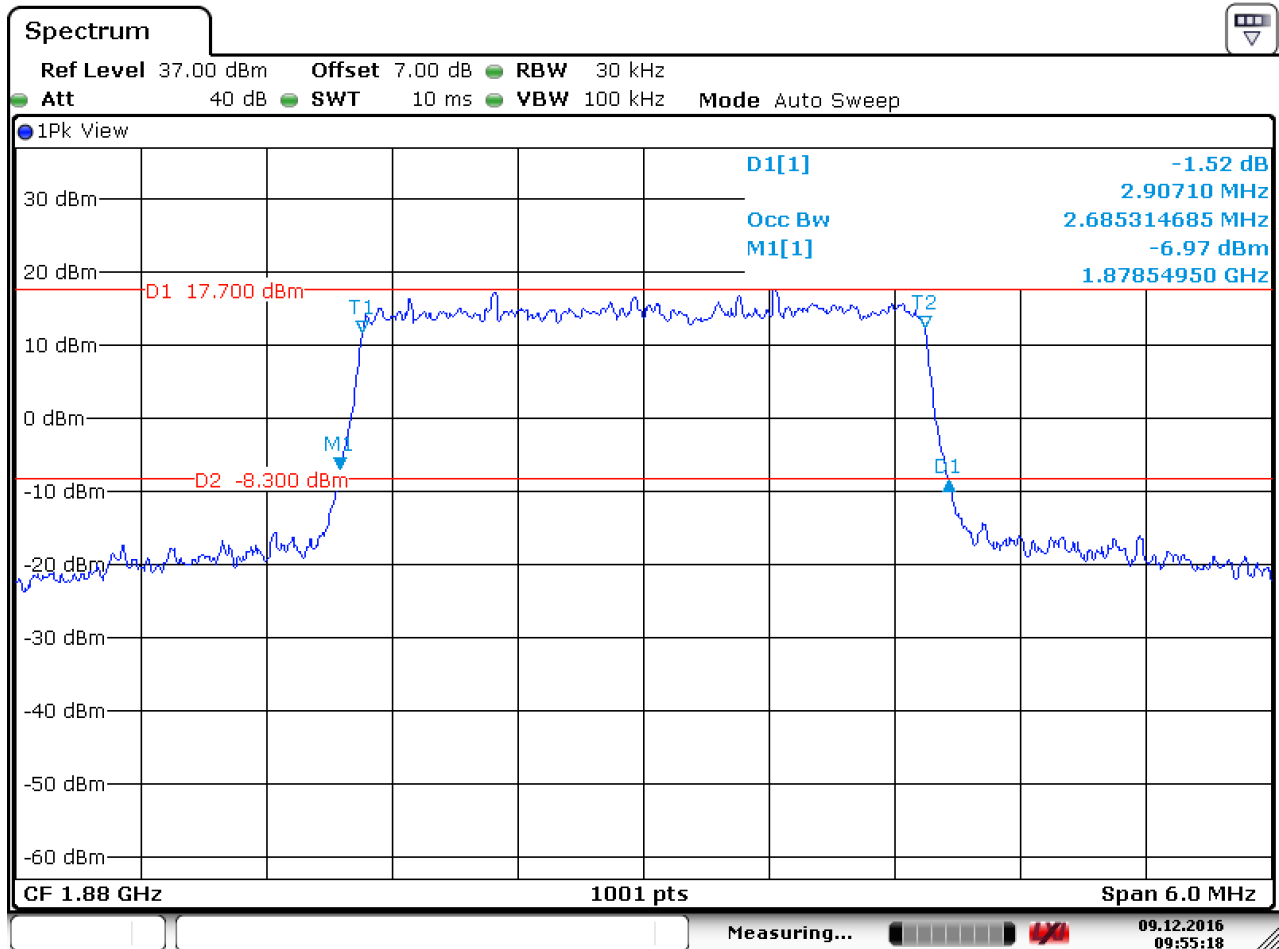


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4.1.1.4.2 Test Channel = MCH

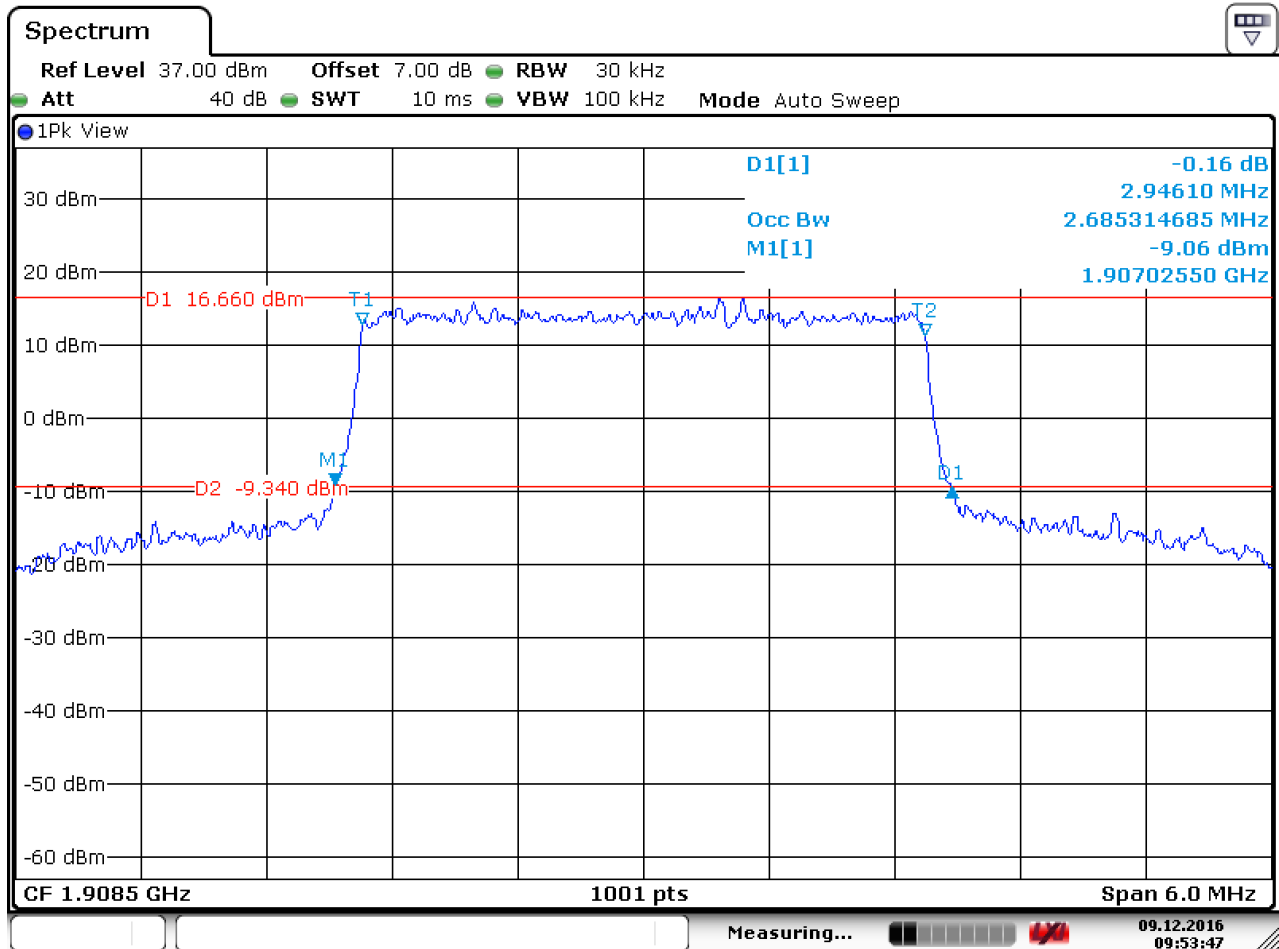


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4.1.1.4.3 Test Channel = HCH



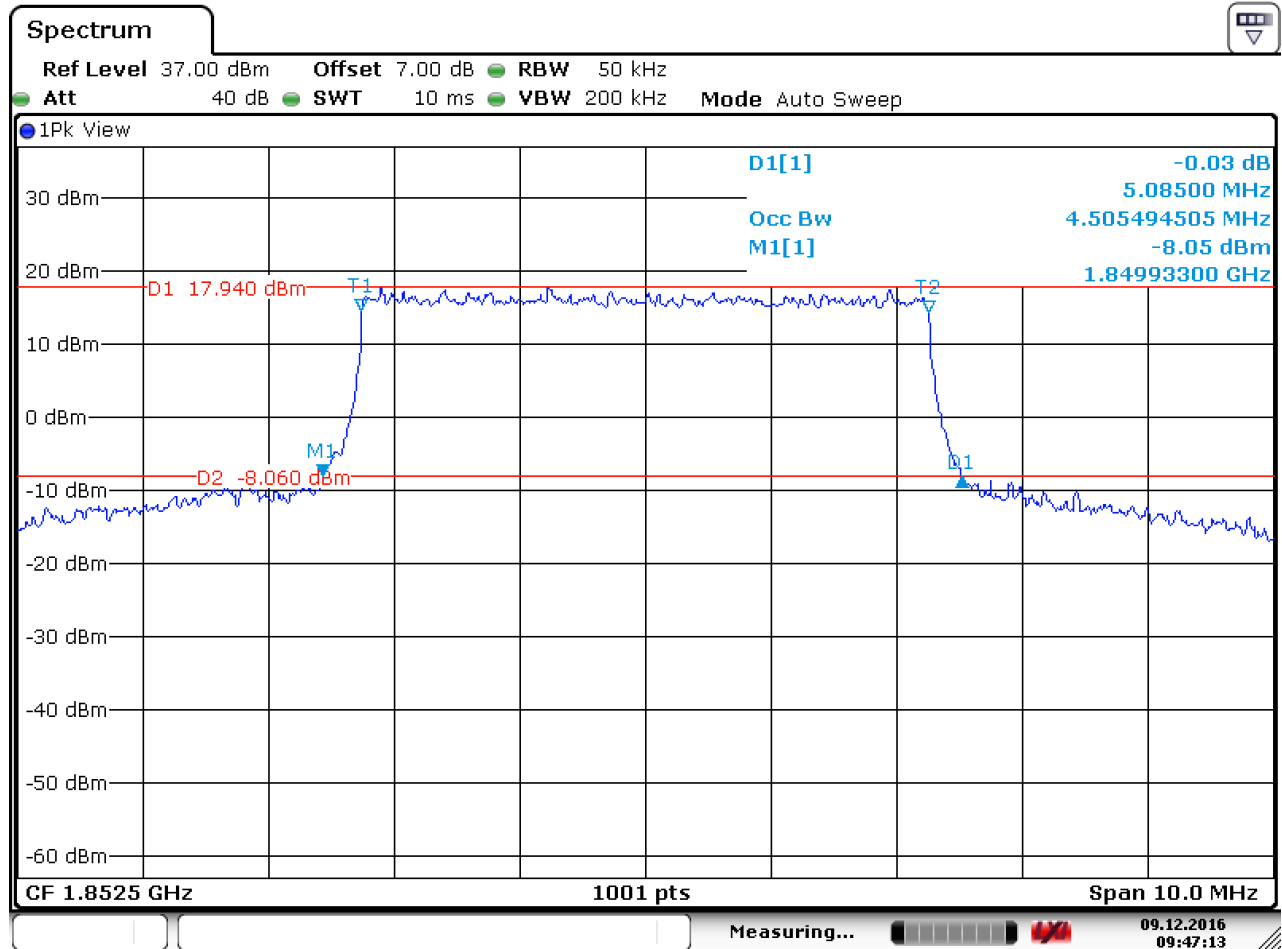
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4.1.1.5 Test Mode = LTE/TM1 5MHz

4.1.1.5.1 Test Channel = LCH

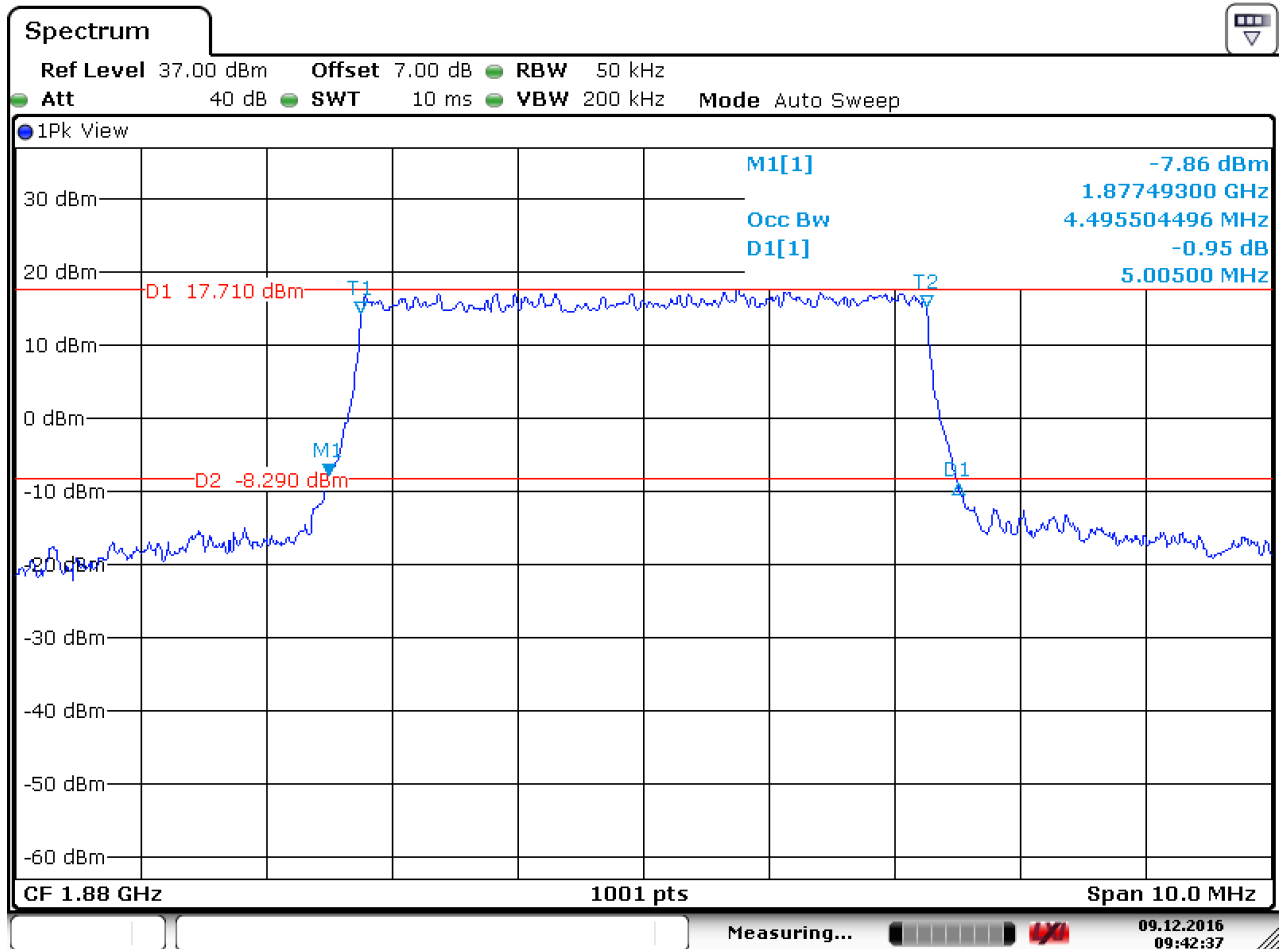


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4.1.1.5.2 Test Channel = MCH

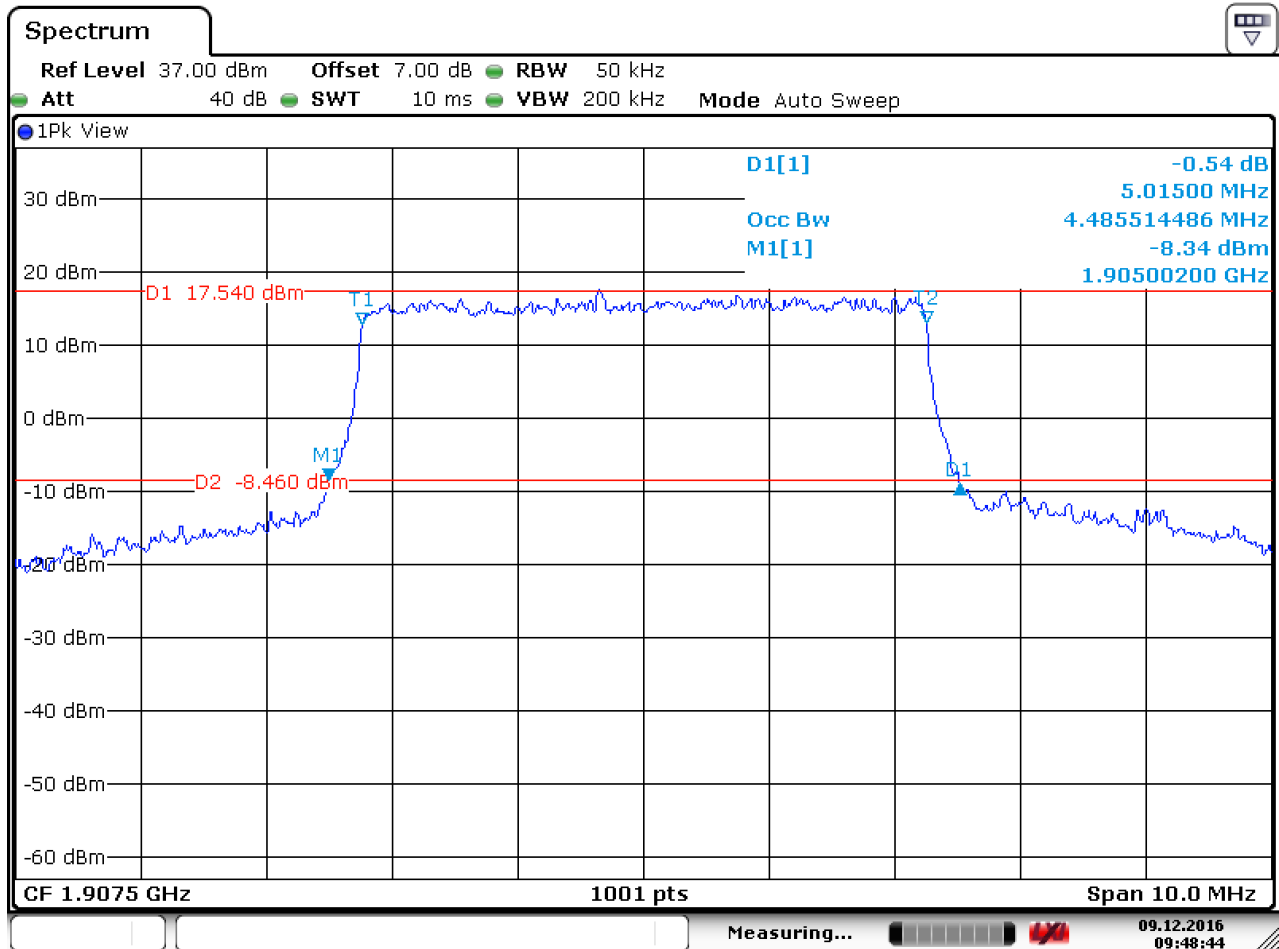


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4.1.1.5.3 Test Channel = HCH



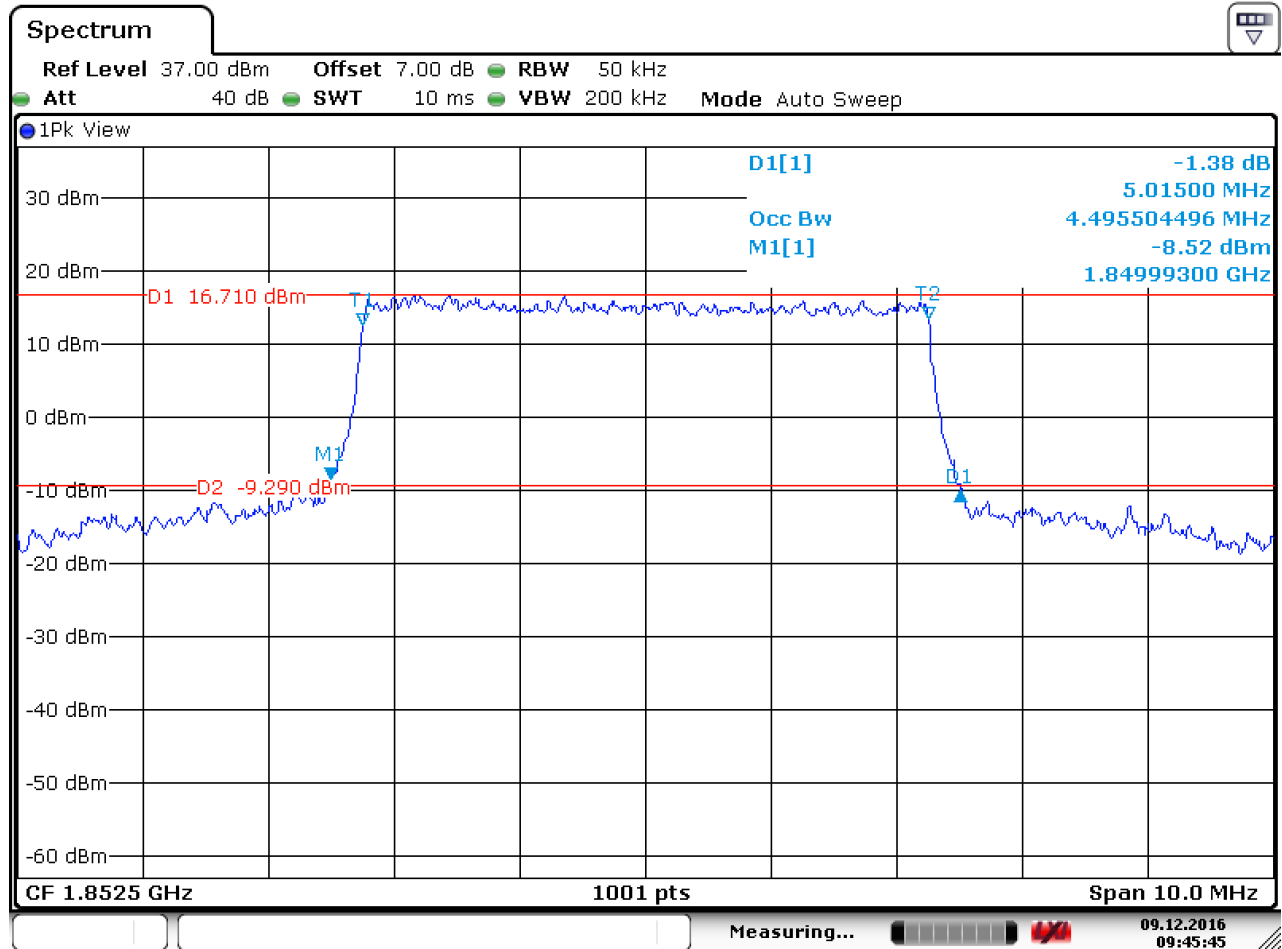
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4.1.1.6 Test Mode = LTE/TM2 5MHz

4.1.1.6.1 Test Channel = LCH

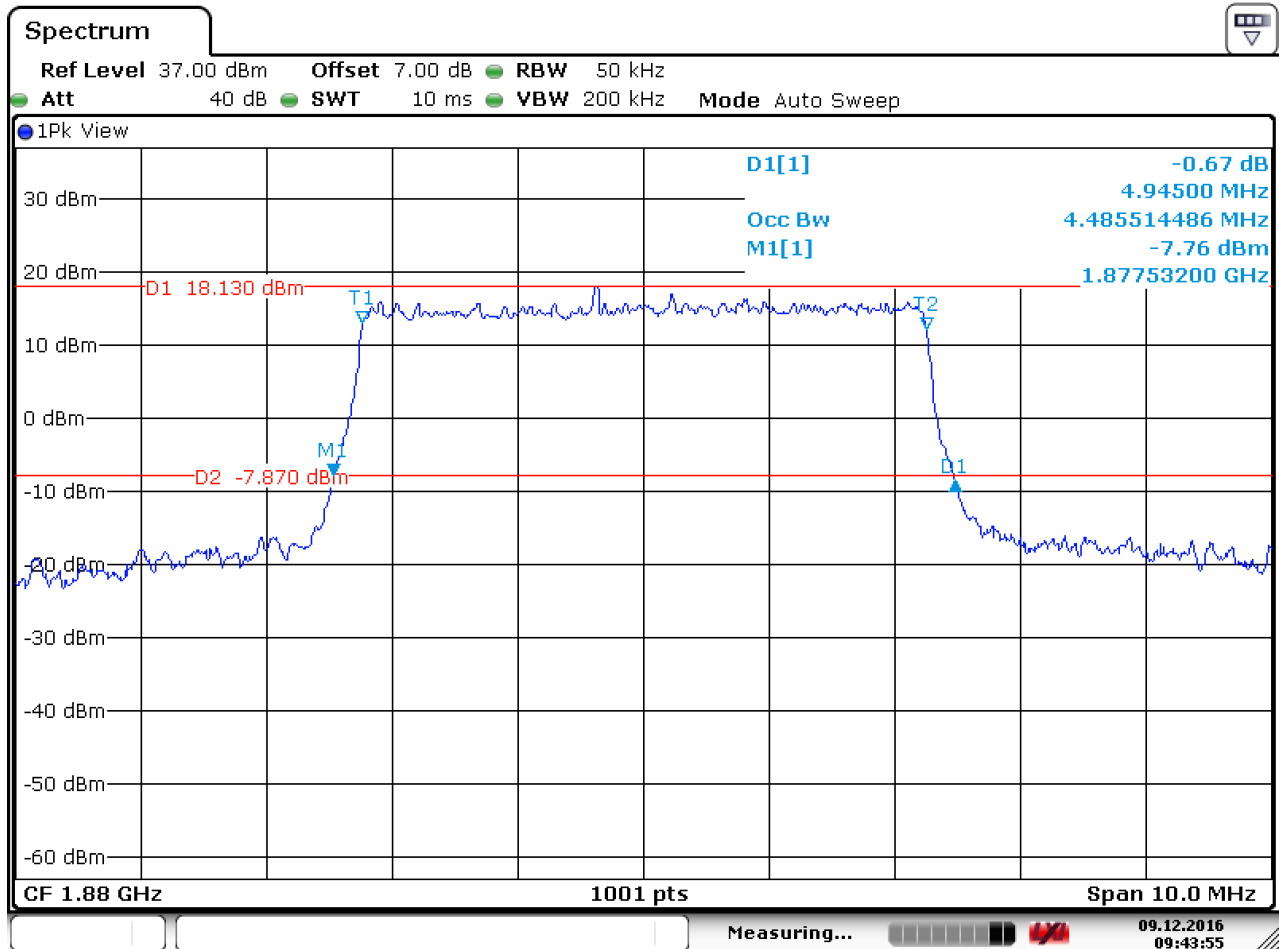


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4.1.1.6.2 Test Channel = MCH

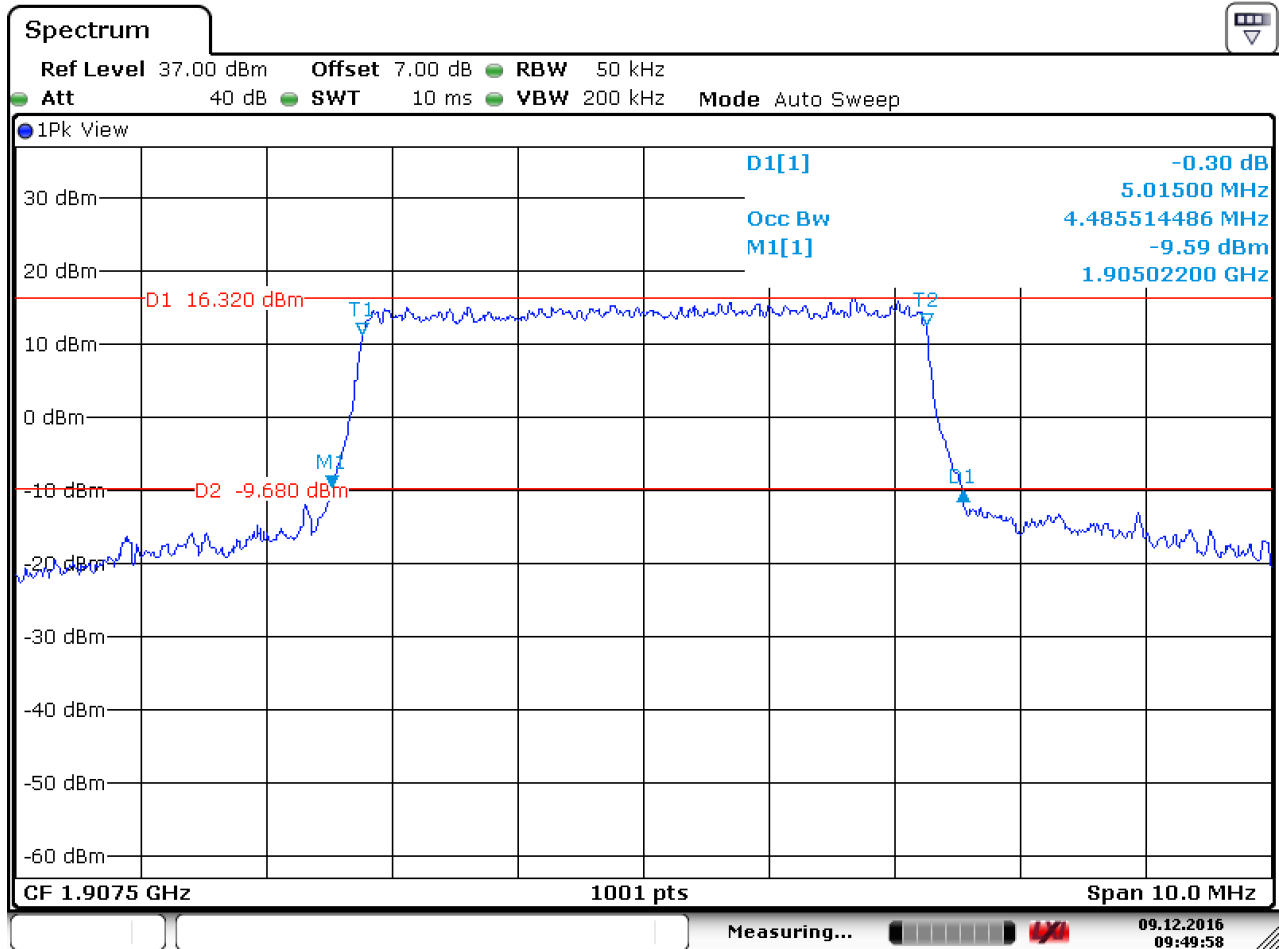


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4.1.1.6.3 Test Channel = HCH



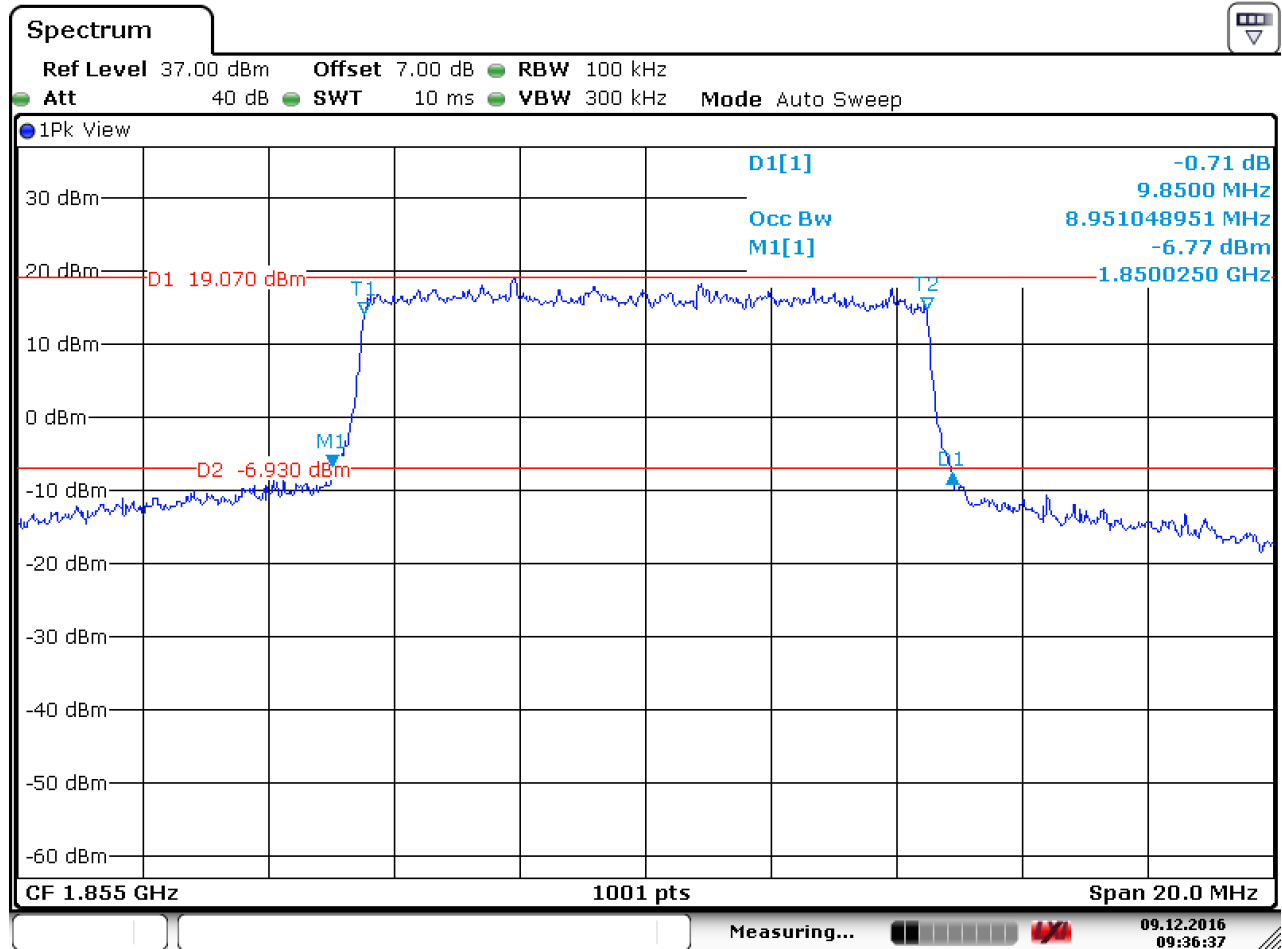
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4.1.1.7 Test Mode = LTE/TM1 10MHz

4.1.1.7.1 Test Channel = LCH

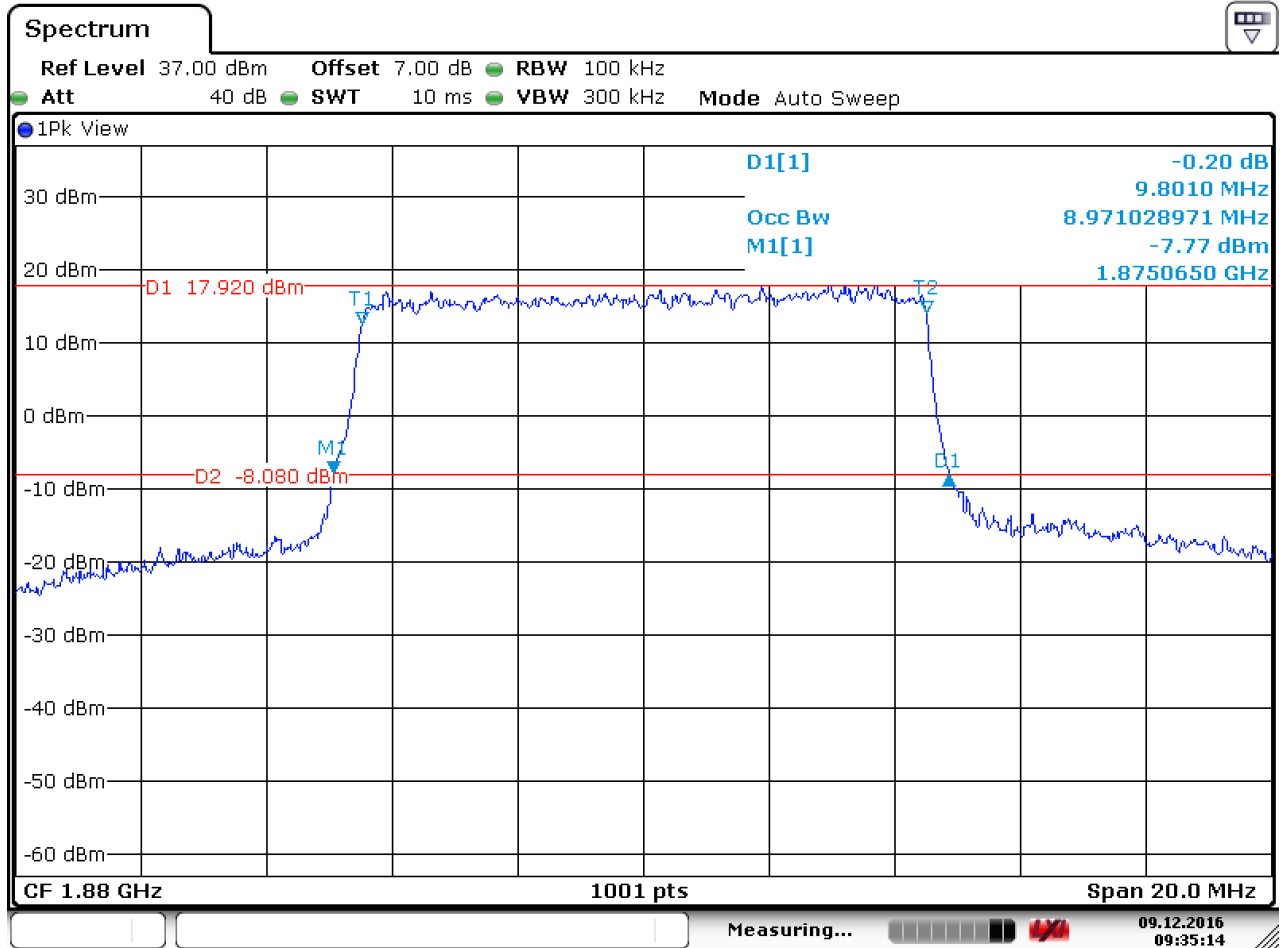


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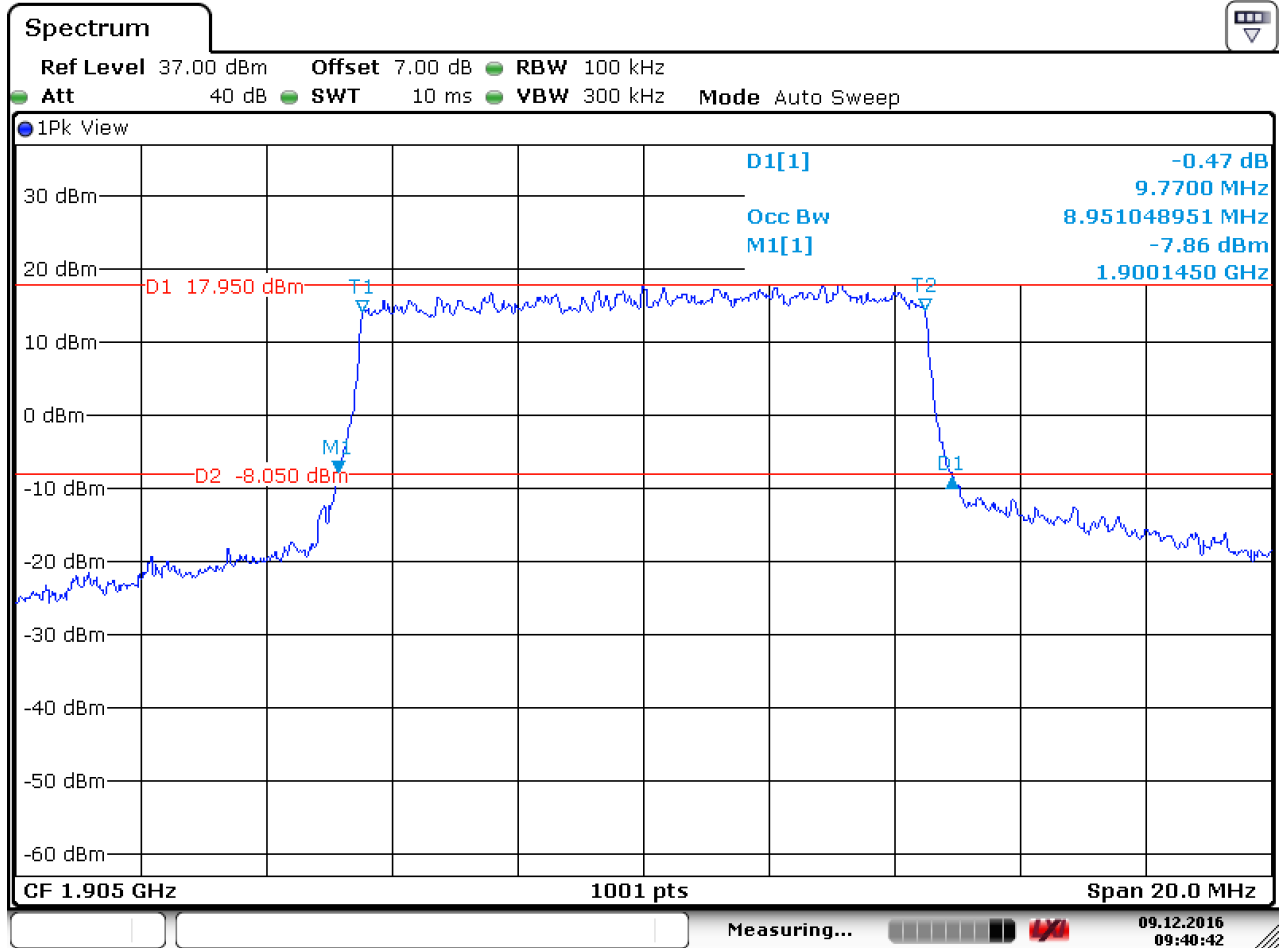
4.1.1.7.2 Test Channel = MCH



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4.1.1.7.3 Test Channel = HCH



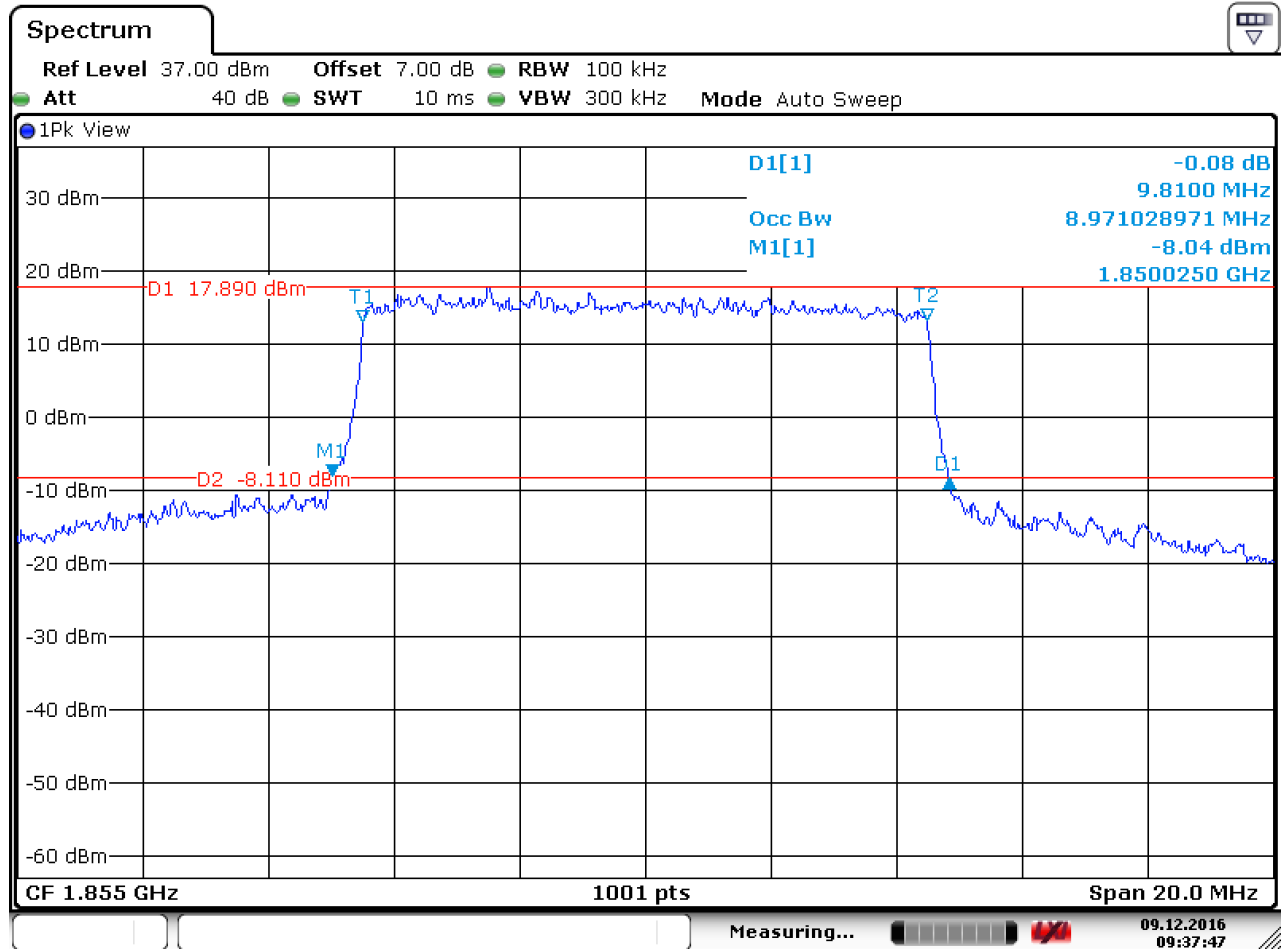
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4.1.1.8 Test Mode = LTE/TM2 10MHz

4.1.1.8.1 Test Channel = LCH

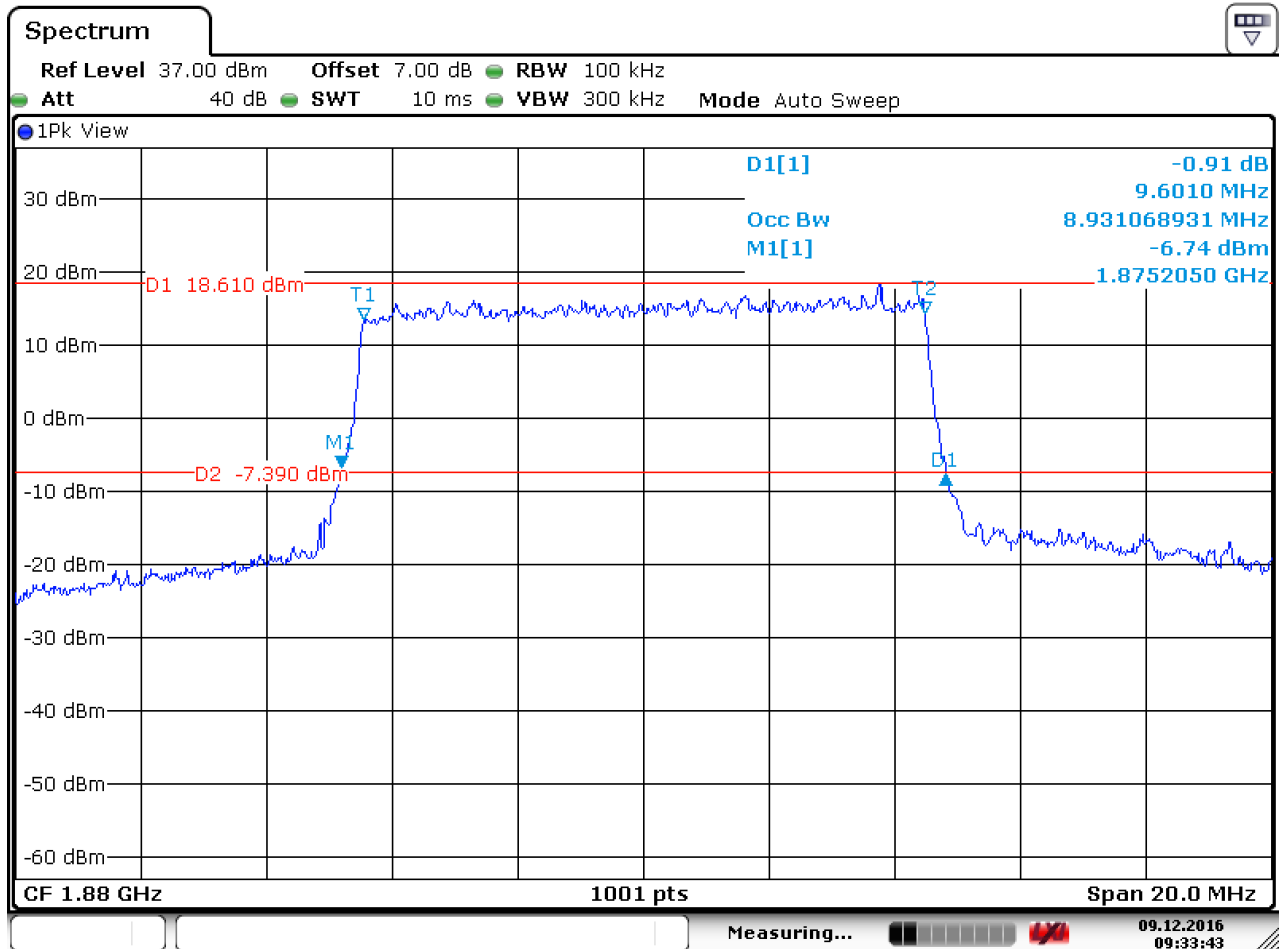


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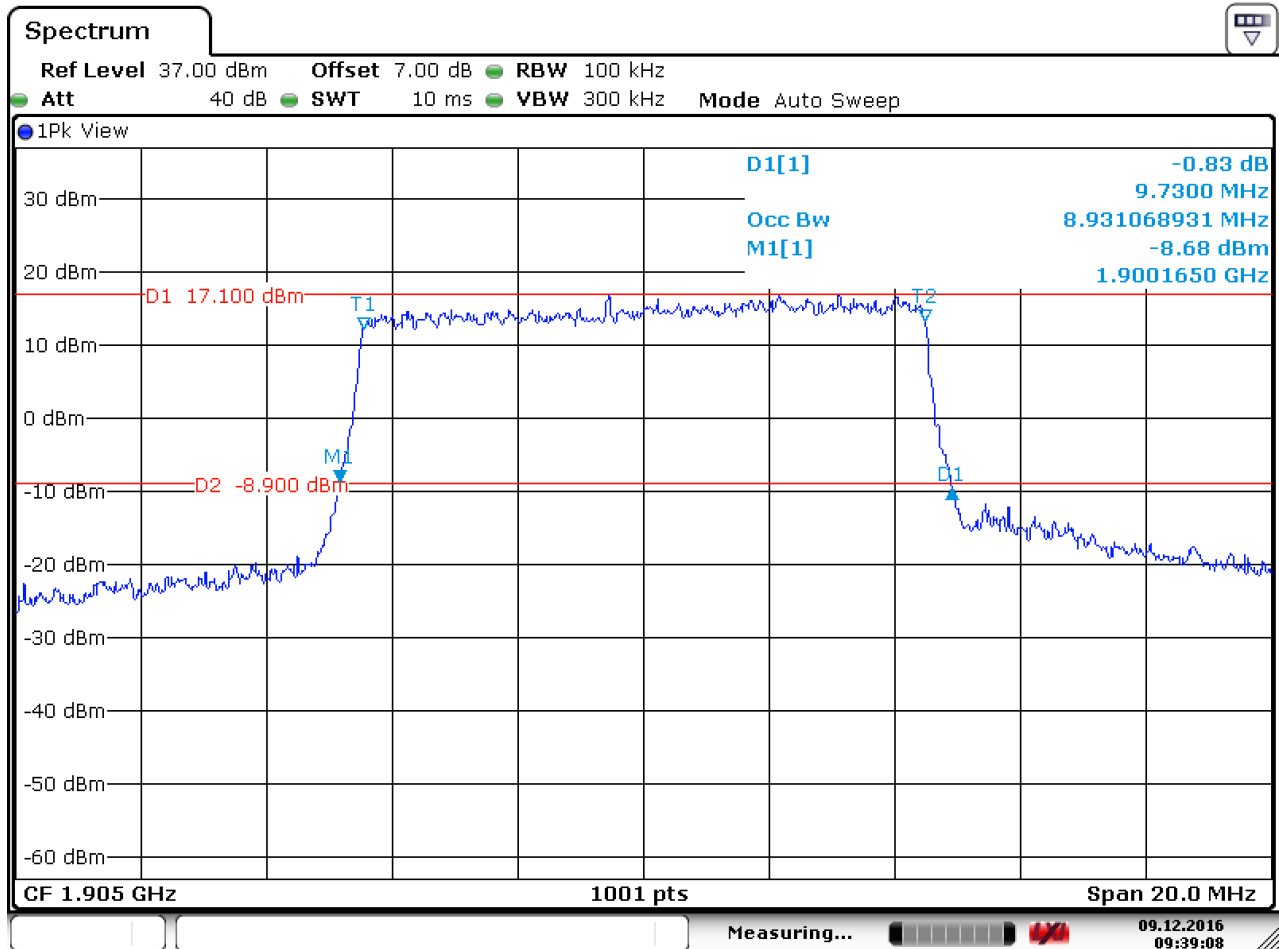
4.1.1.8.2 Test Channel = MCH



Date: 9.DEC.2016 09:33:44



4.1.1.8.3 Test Channel = HCH



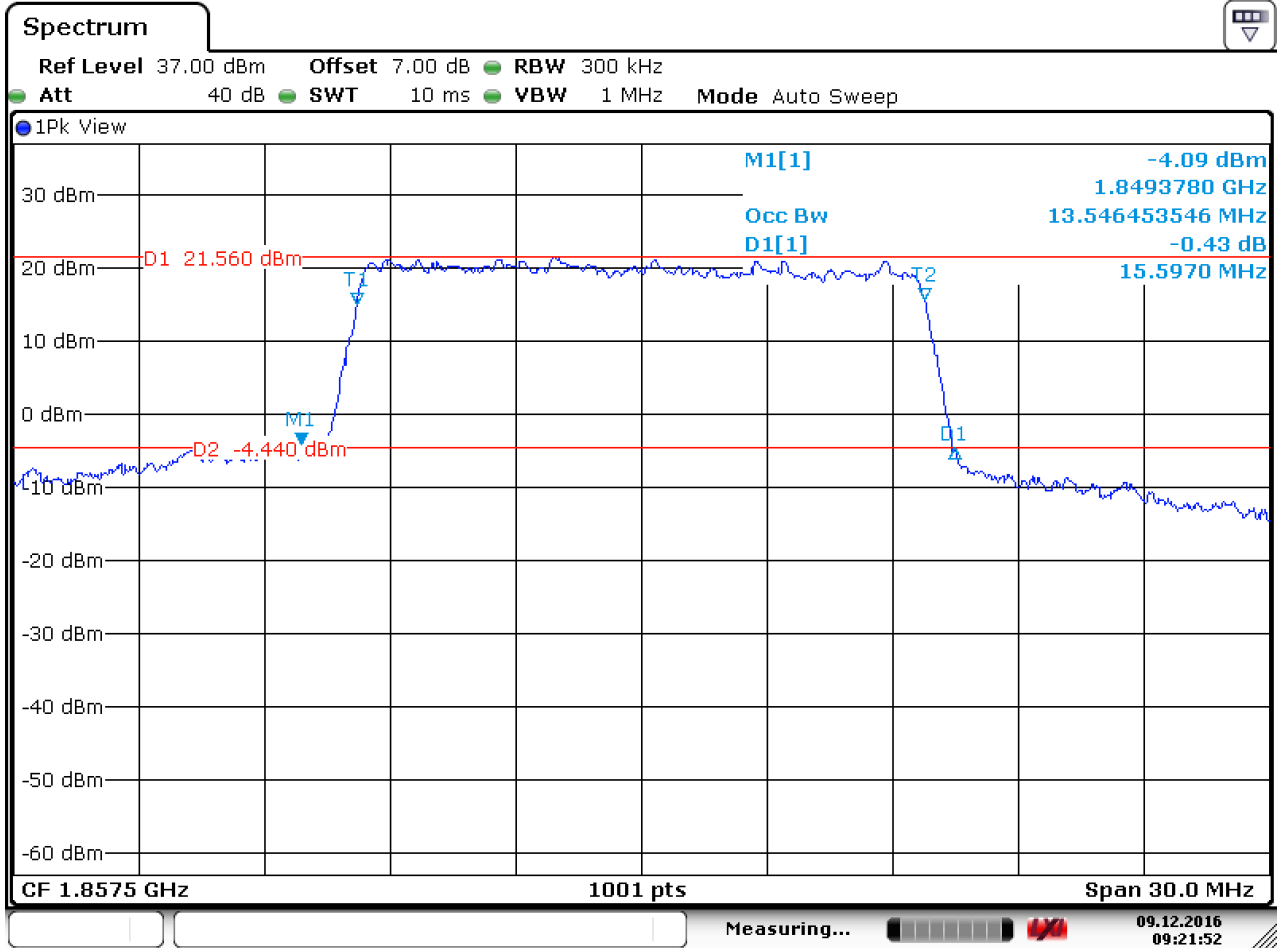
Date: 9.DEC.2016 09:39:08

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4.1.1.9 Test Mode = LTE/TM1 15MHz

4.1.1.9.1 Test Channel = LCH

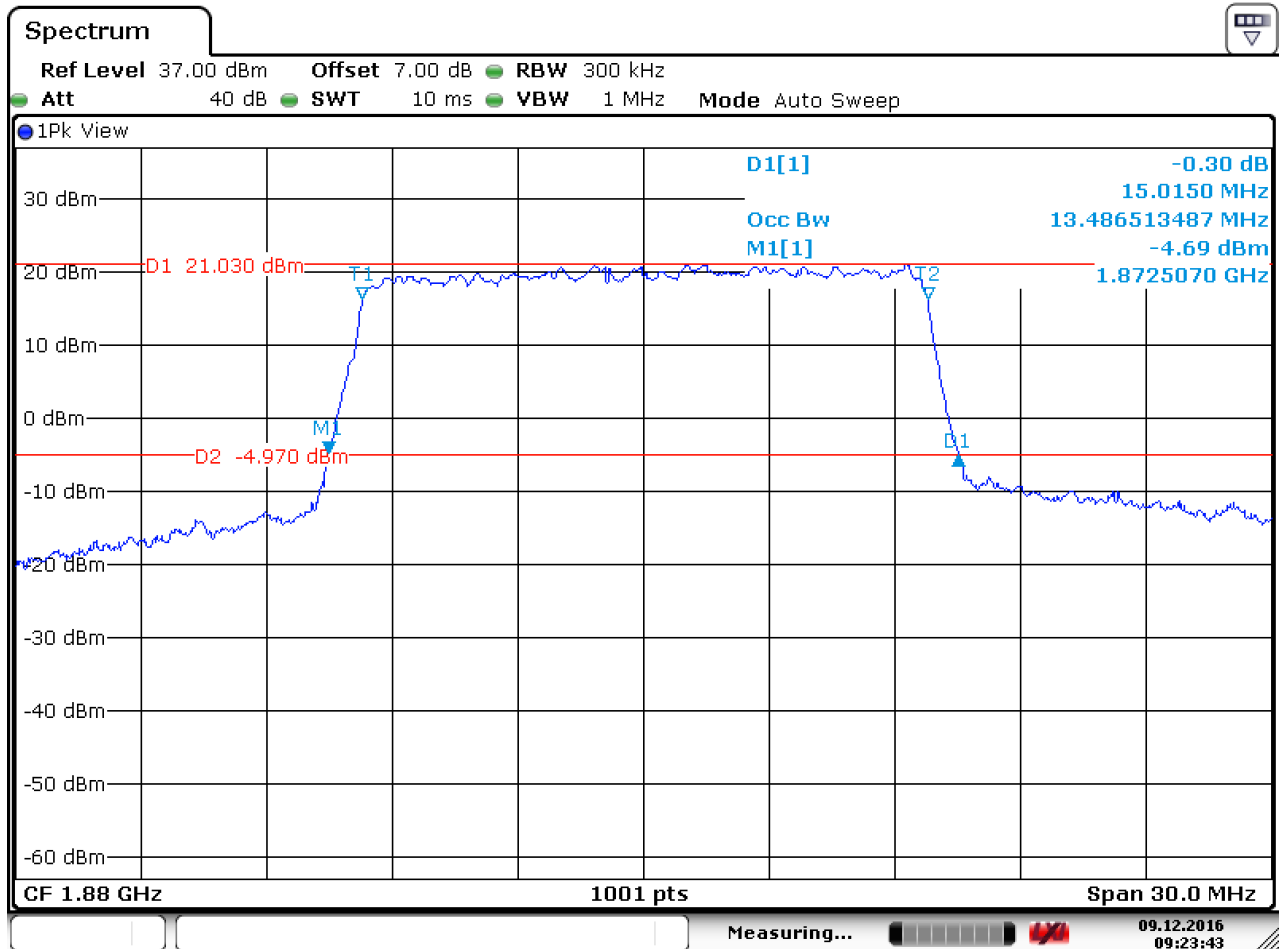


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4.1.1.9.2 Test Channel = MCH

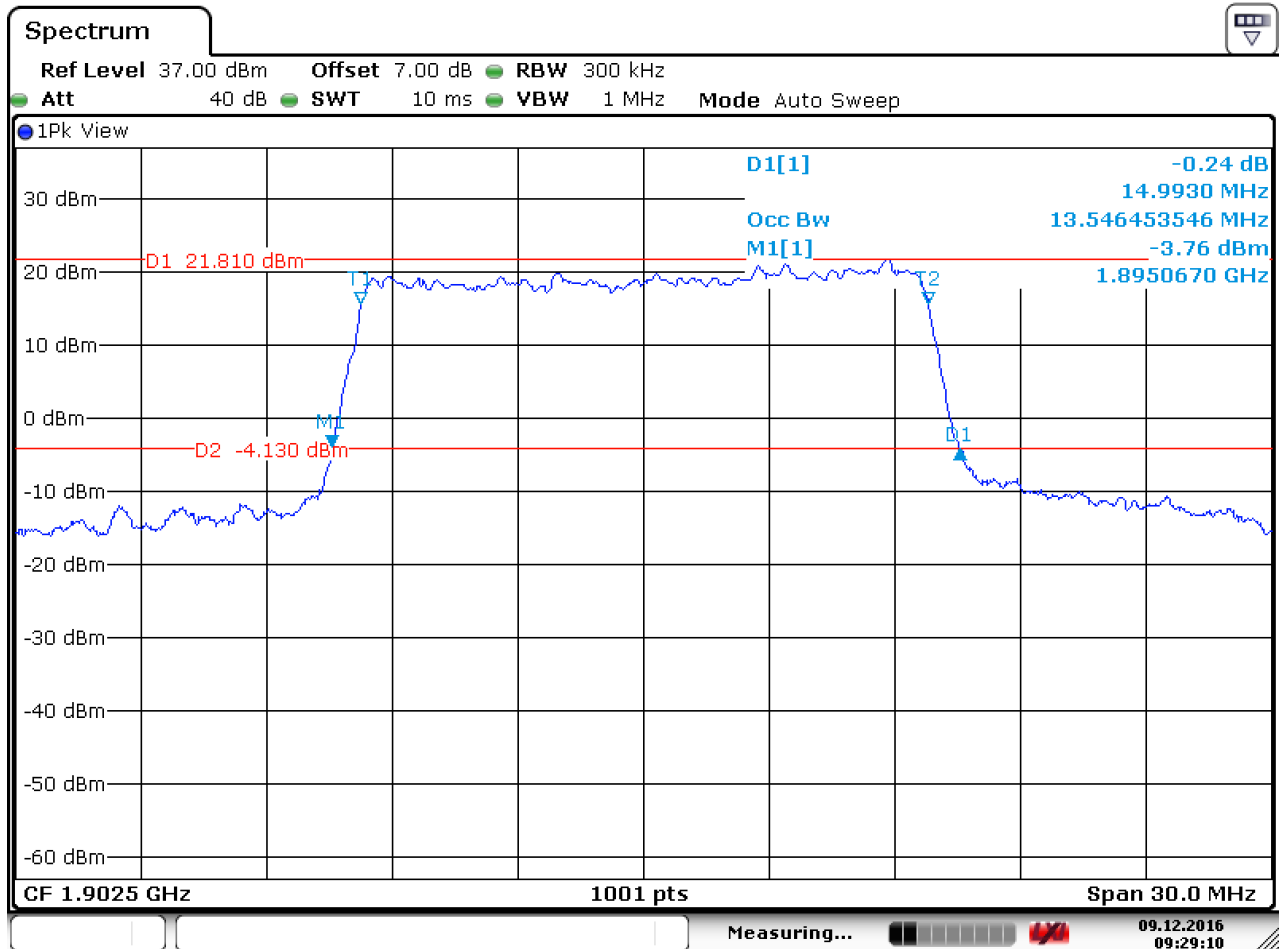


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4.1.1.9.3 Test Channel = HCH



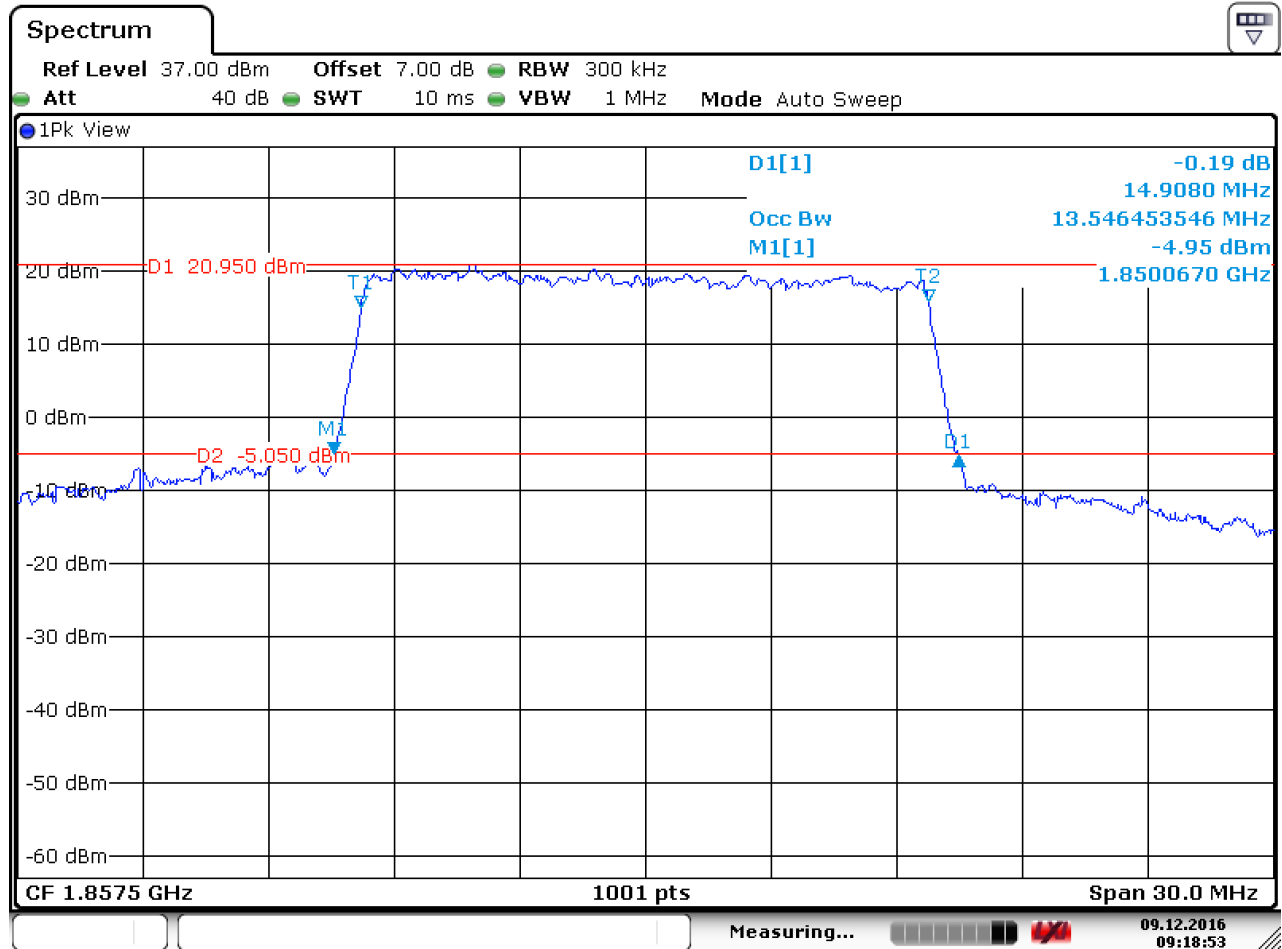
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4.1.1.10 Test Mode = LTE/TM2 15MHz

4.1.1.10.1 Test Channel = LCH

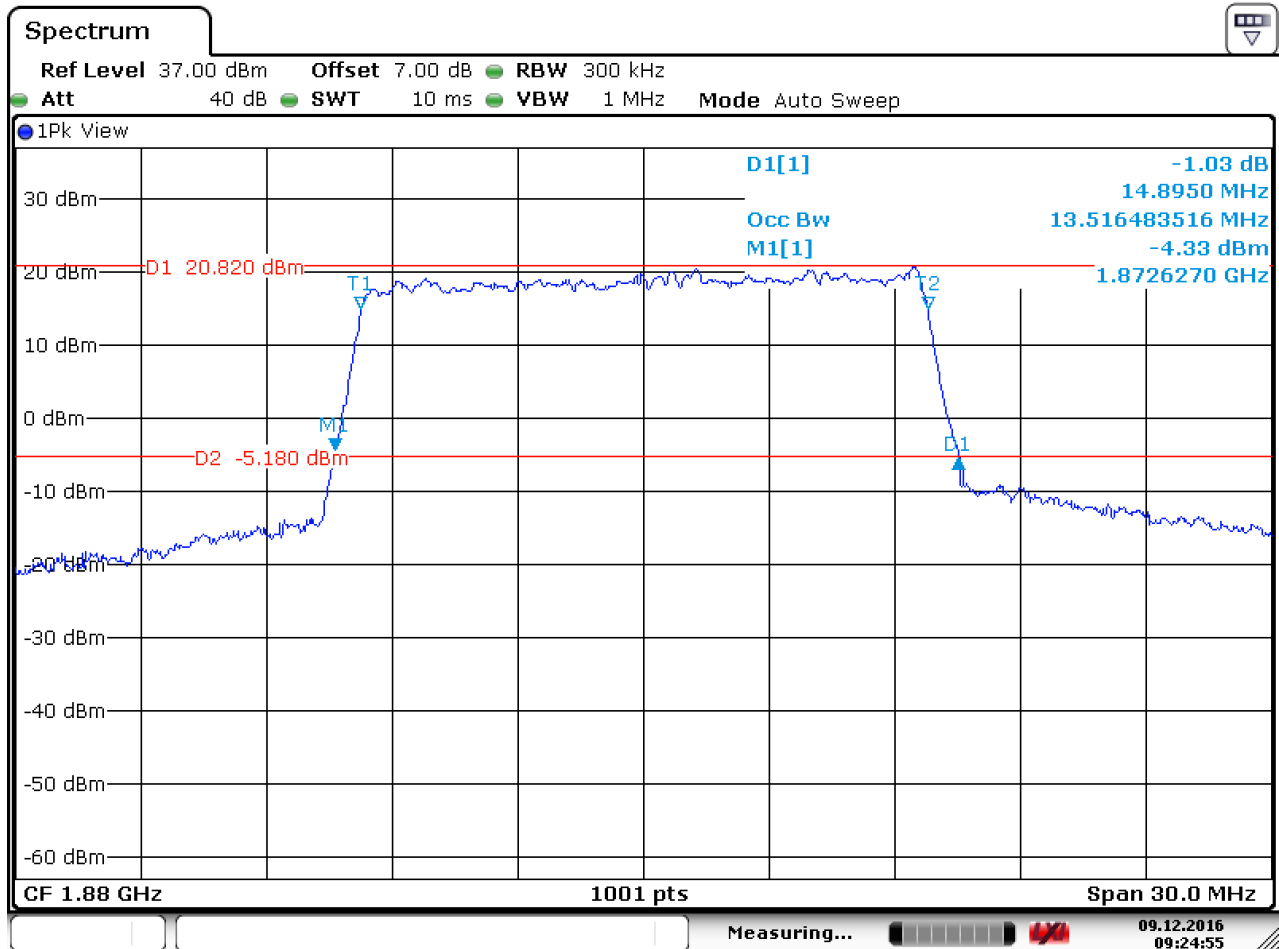


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4.1.1.10.2 Test Channel = MCH

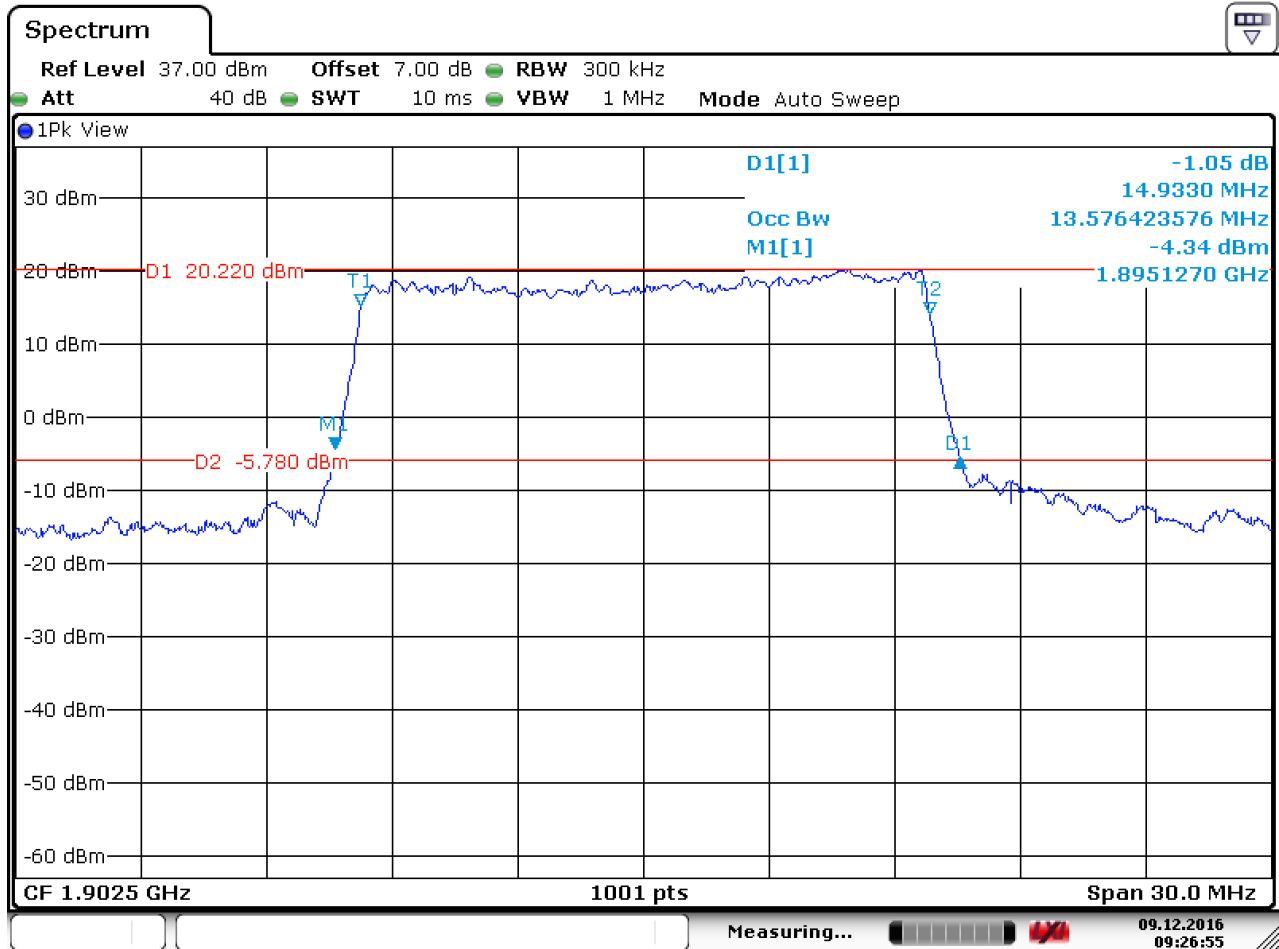


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4.1.1.10.3 Test Channel = HCH



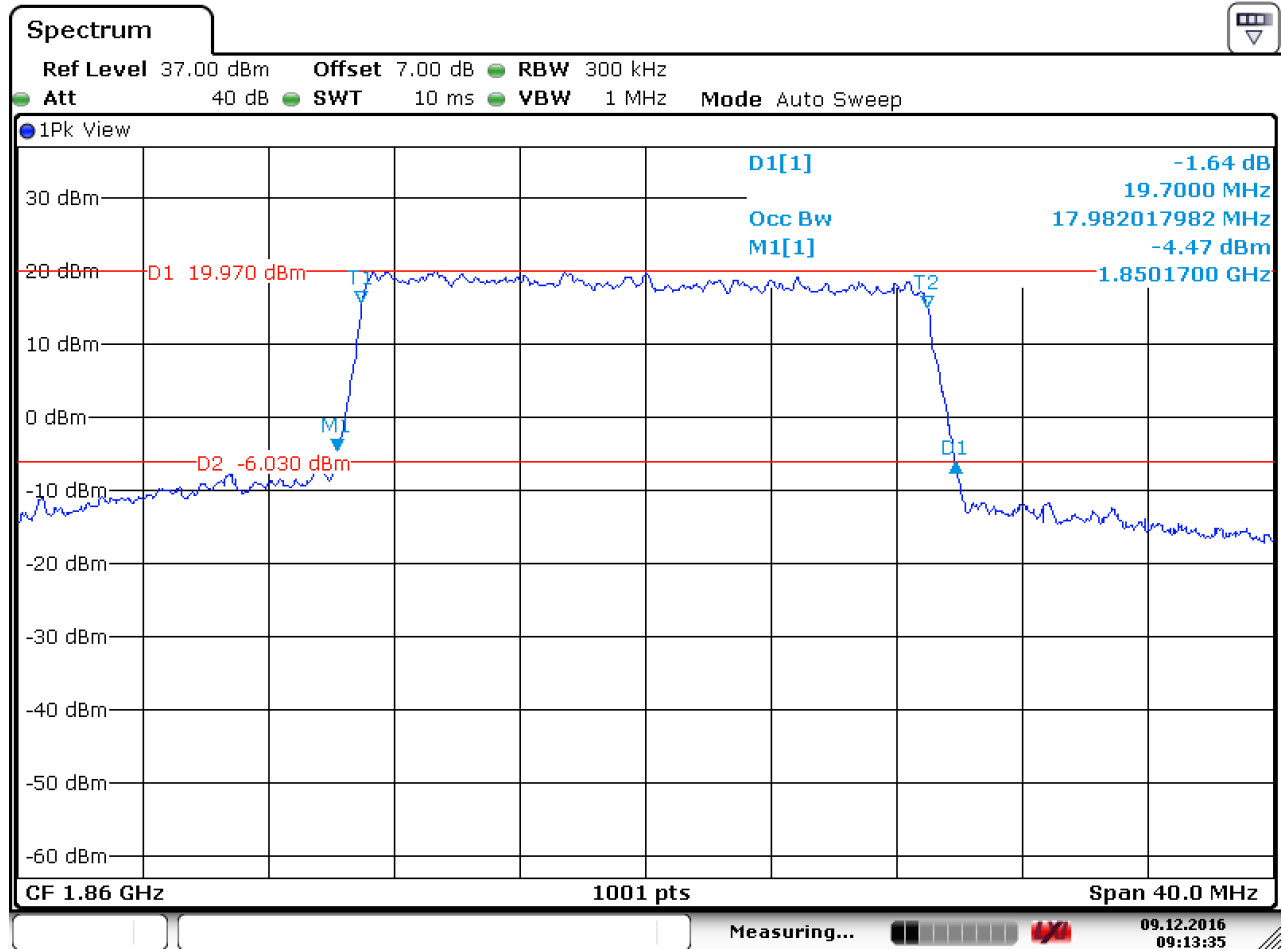
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4.1.1.11 Test Mode = LTE/TM1 20MHz

4.1.1.11.1 Test Channel = LCH

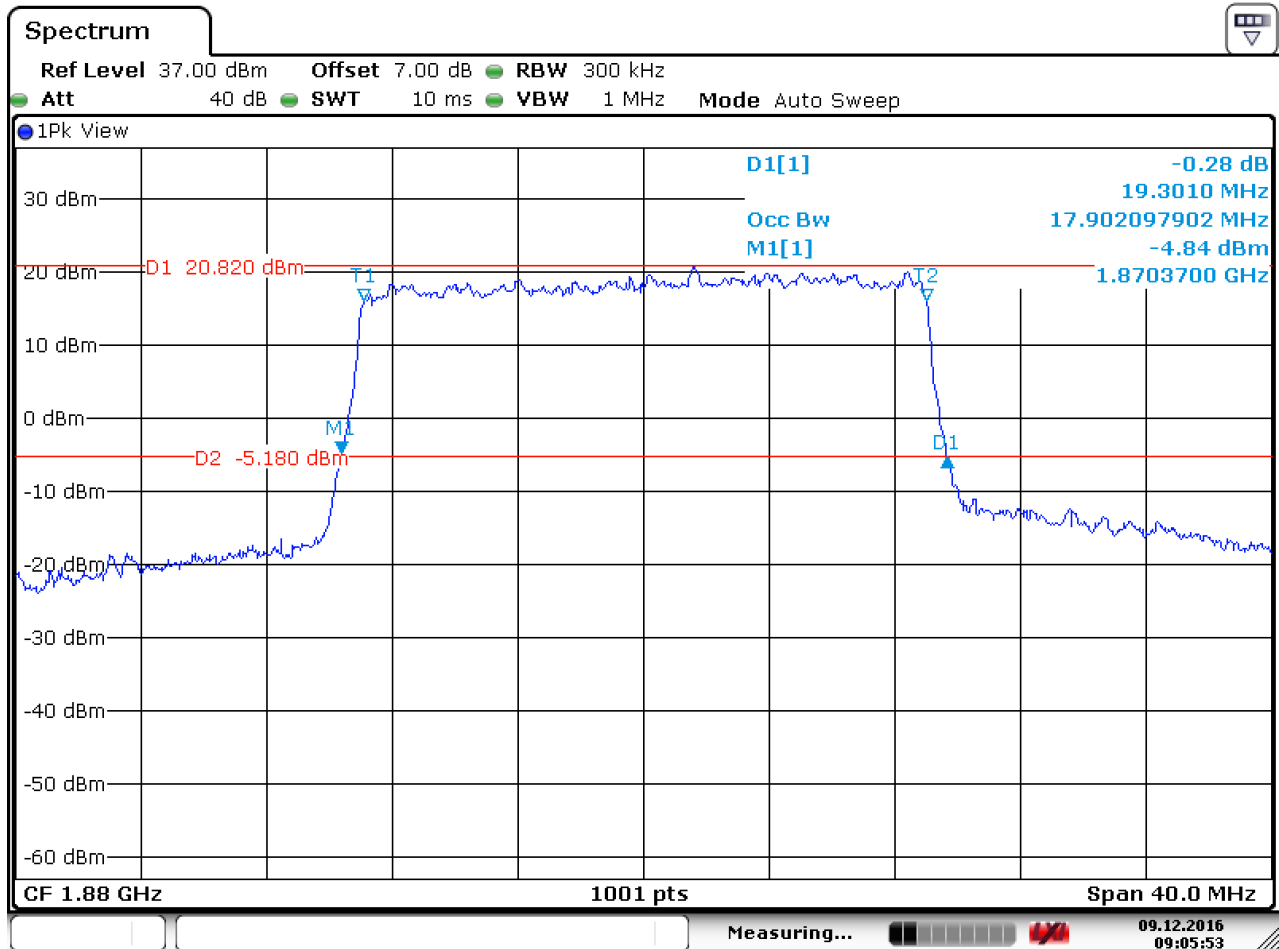


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4.1.1.11.2 Test Channel = MCH

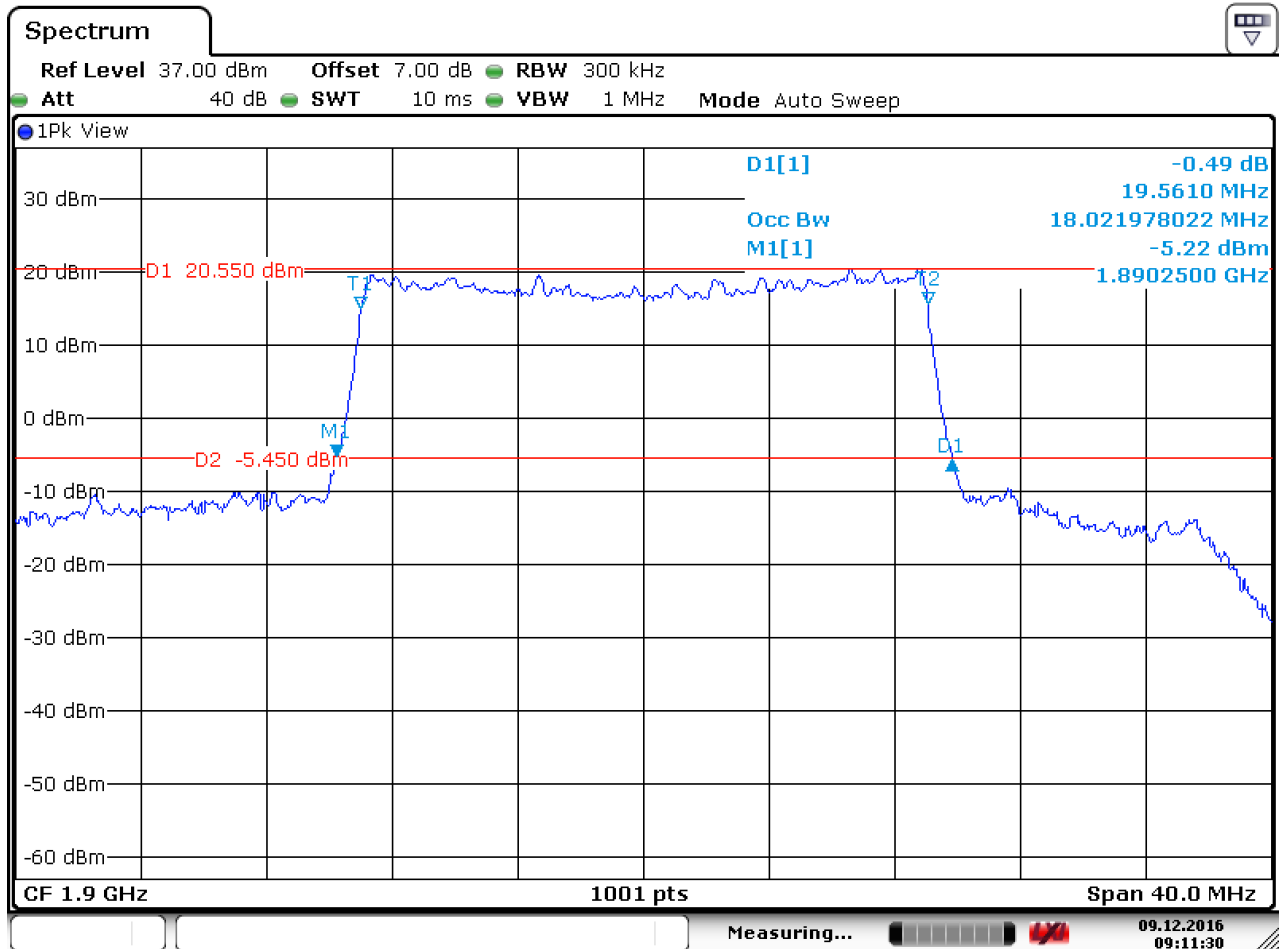


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4.1.1.11.3 Test Channel = HCH



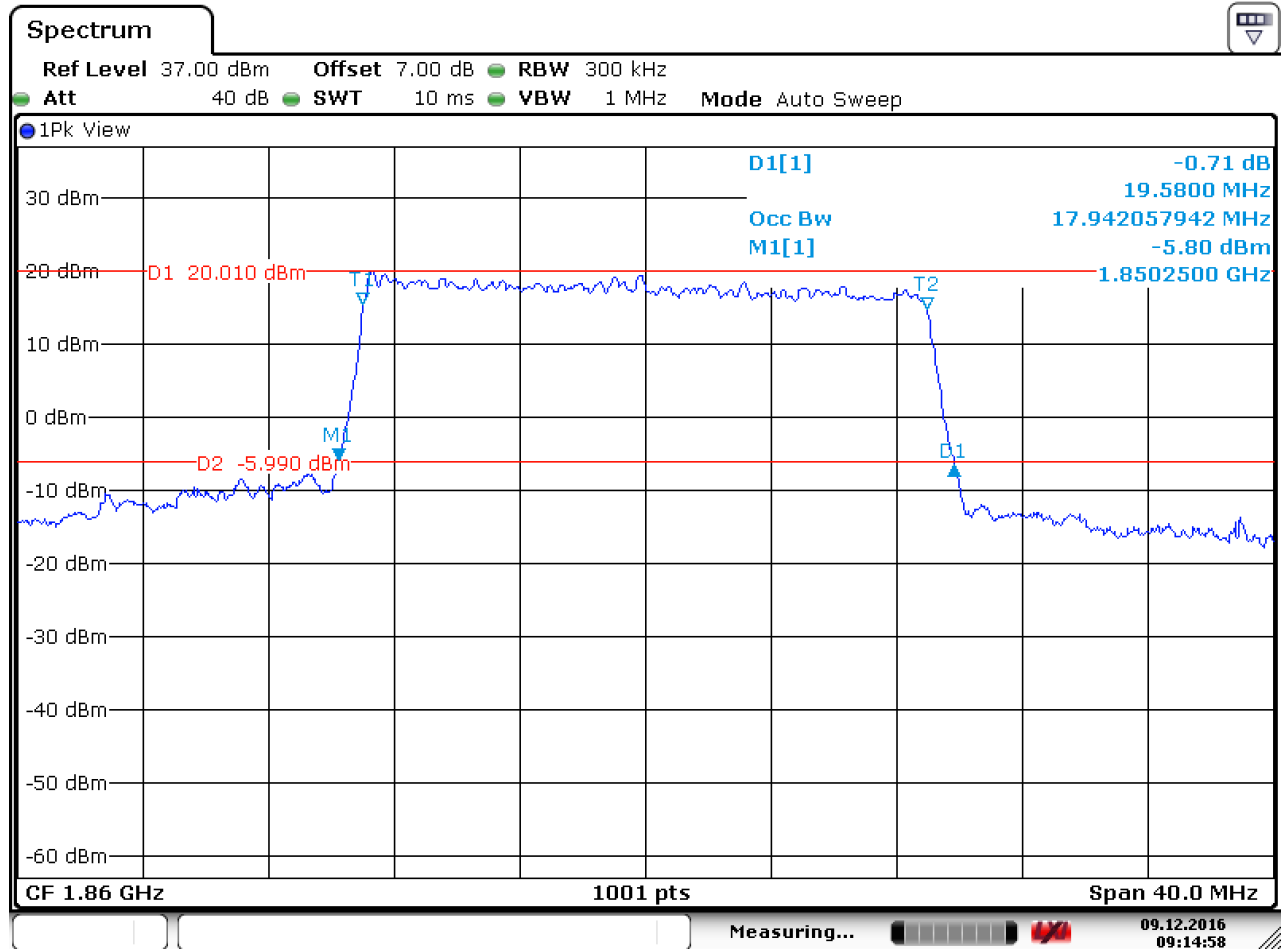
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4.1.1.12 Test Mode = LTE/TM2 20MHz

4.1.1.12.1 Test Channel = LCH

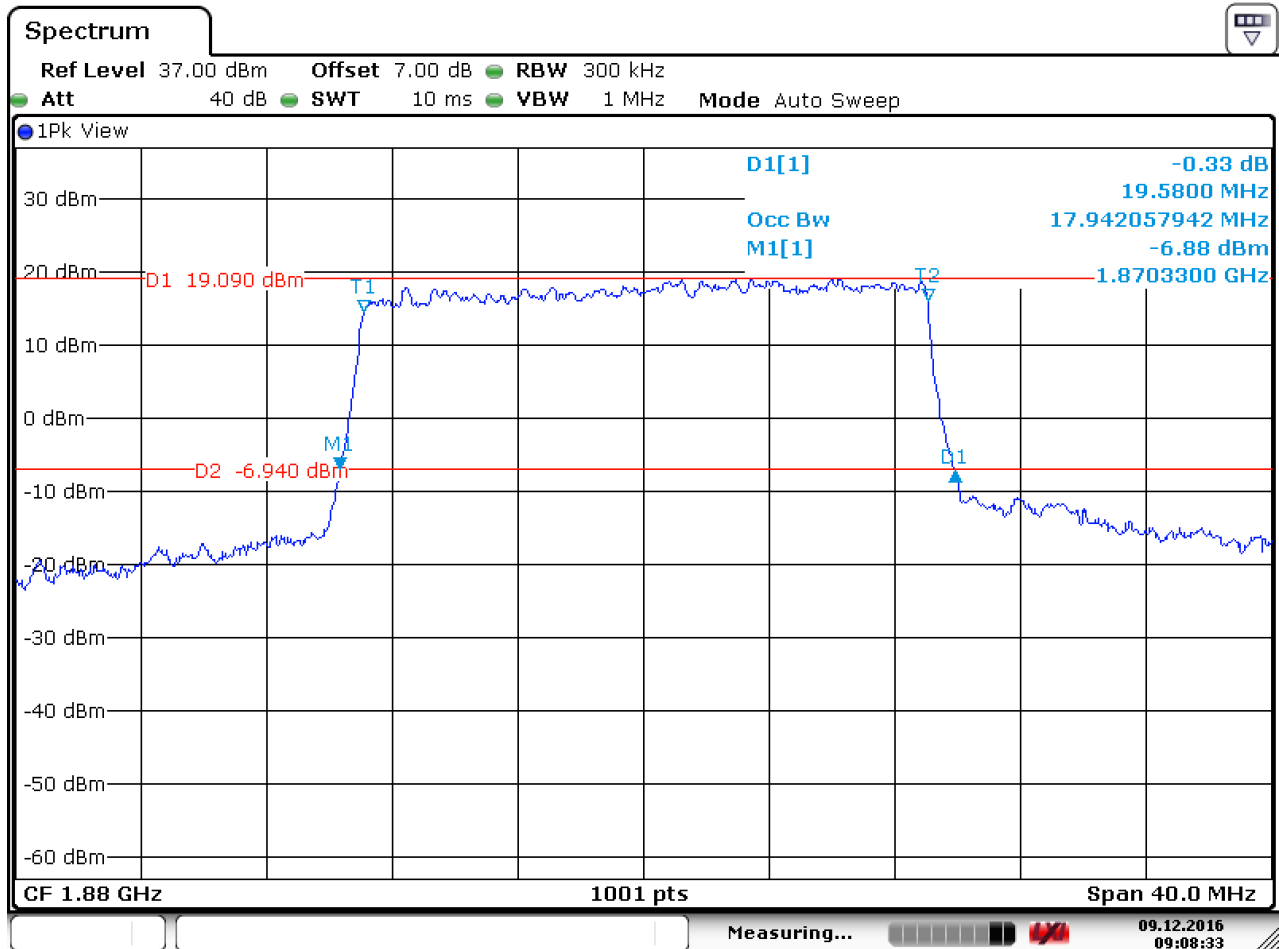


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4.1.1.12.2 Test Channel = MCH

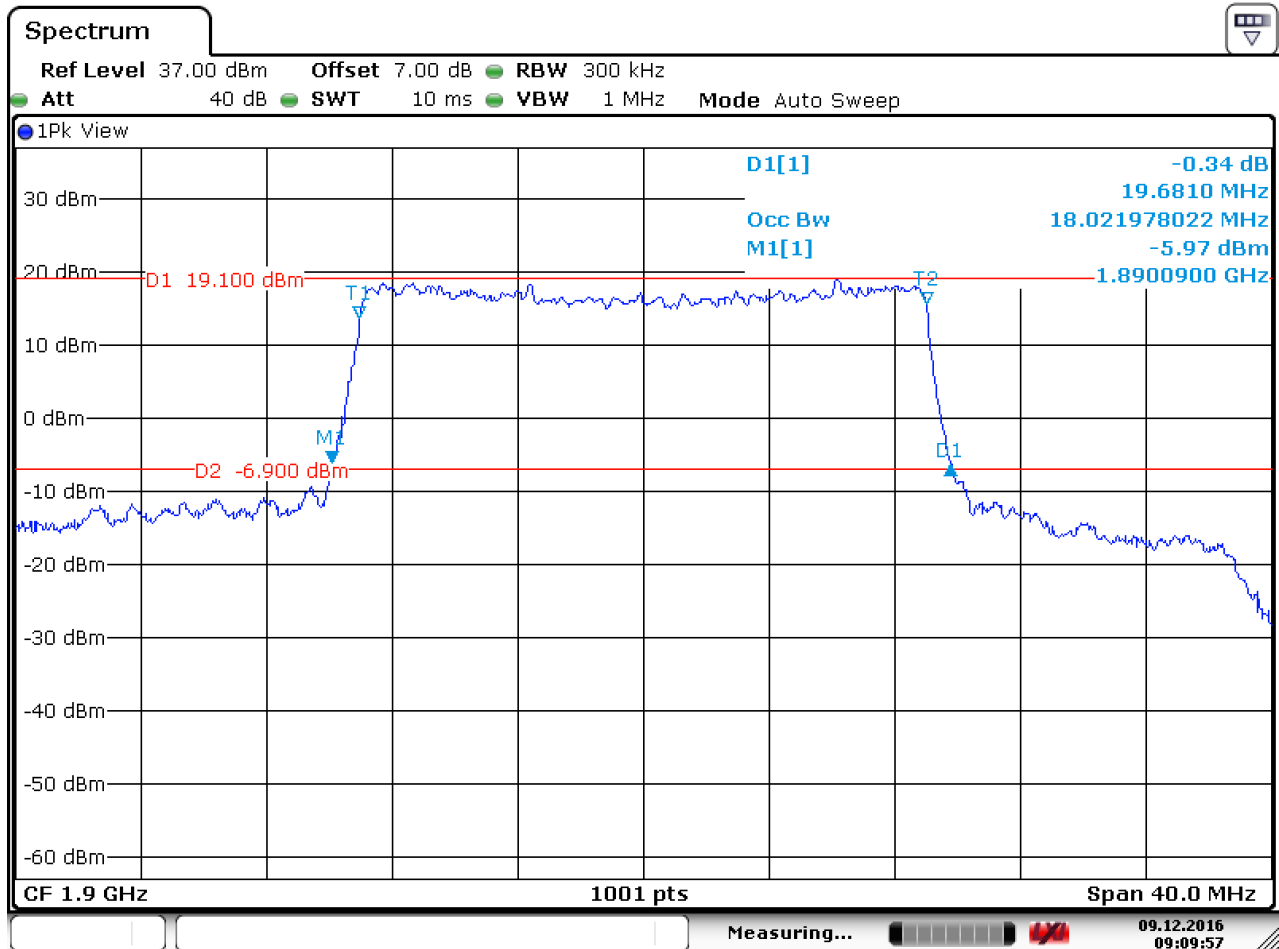


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4.1.1.12.3 Test Channel = HCH



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5 Band Edges Compliance

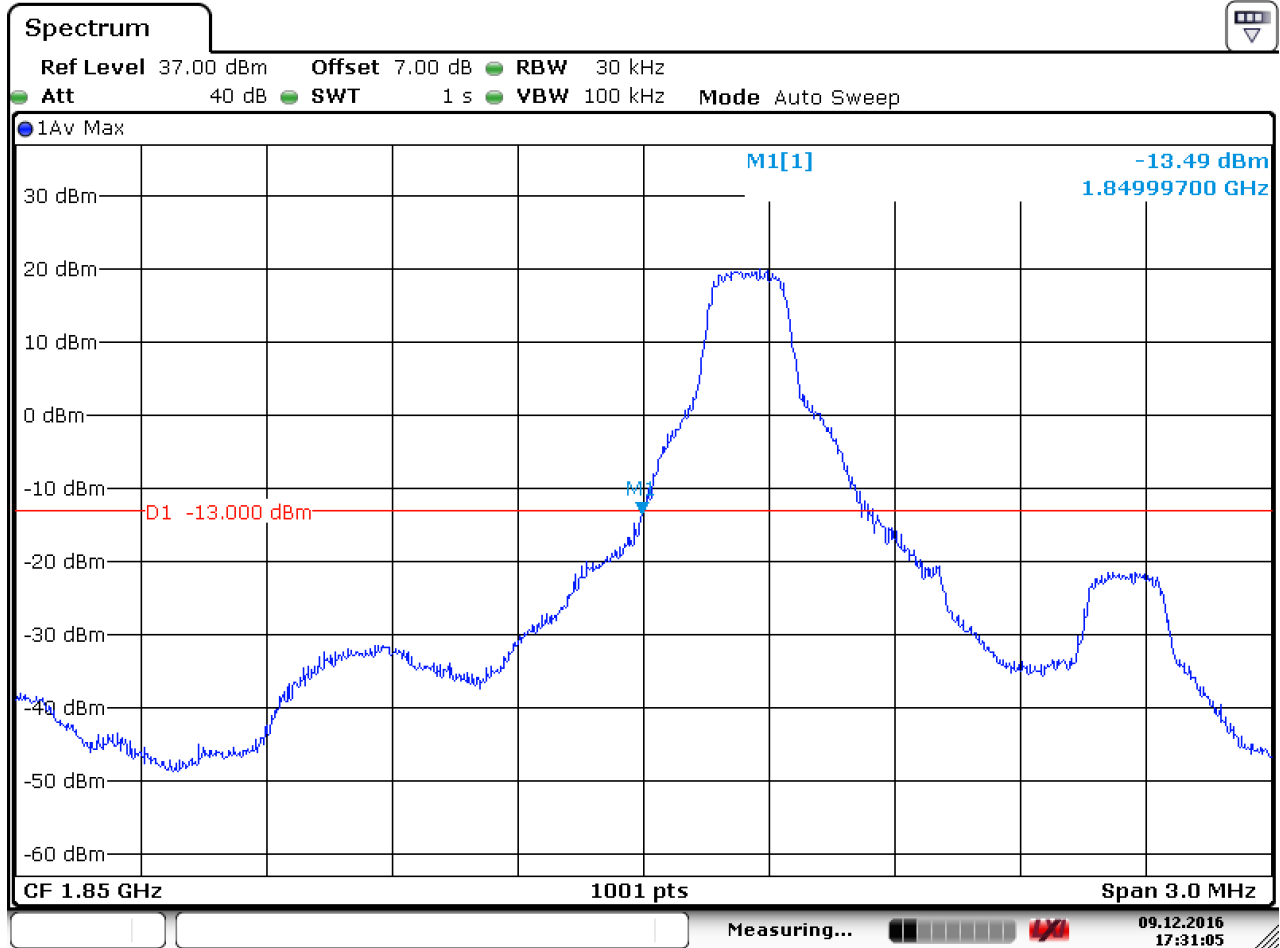
5.1 For LTE

5.1.1 Test Band = LTE band2

5.1.1.1 Test Mode = LTE/TM1 1.4MHz

5.1.1.1.1 Test Channel = LCH

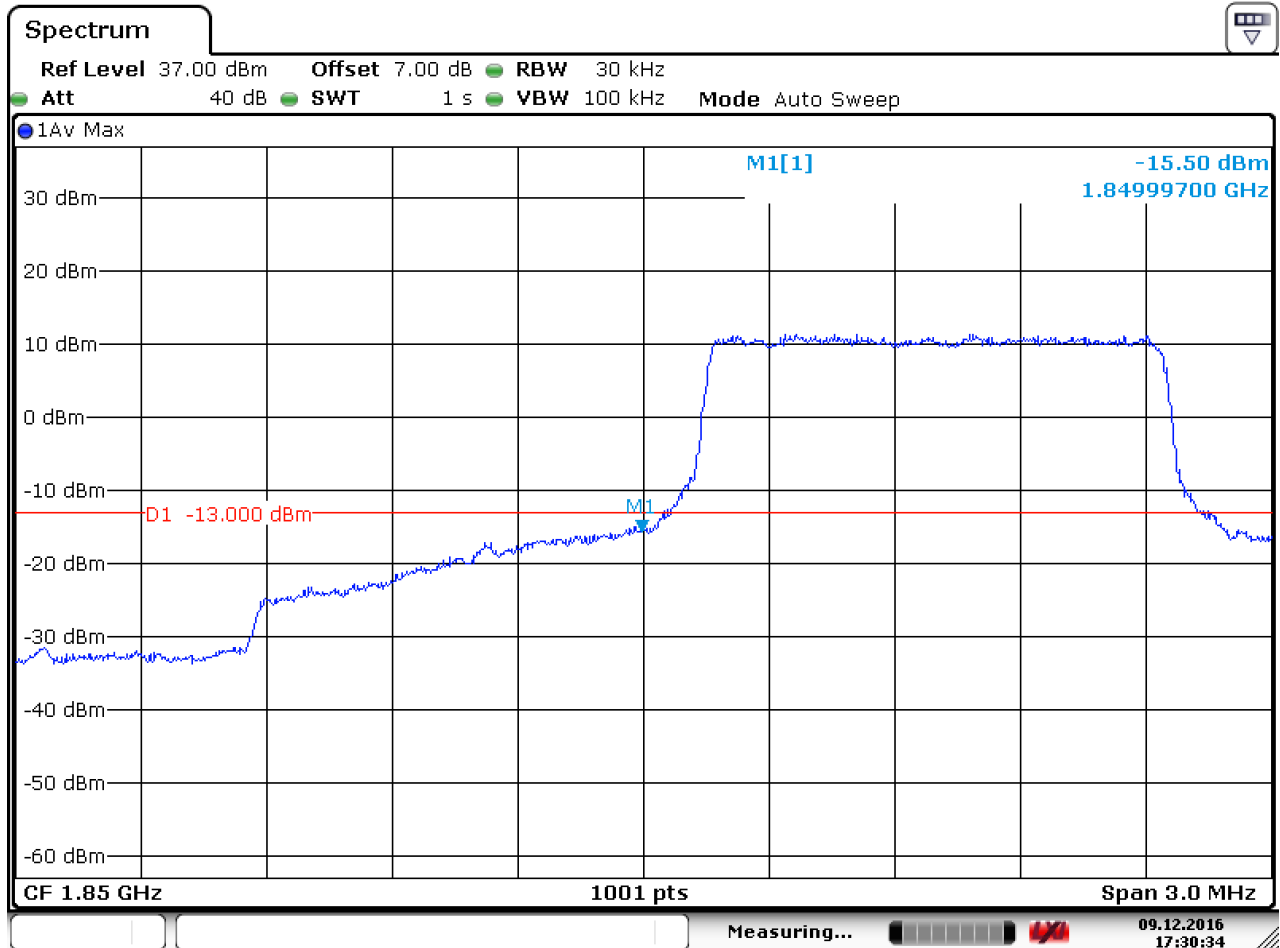
5.1.1.1.1.1 Test RB=1RB



Date: 9.DEC.2016 17:31:05



5.1.1.1.2 Test RB=6RB



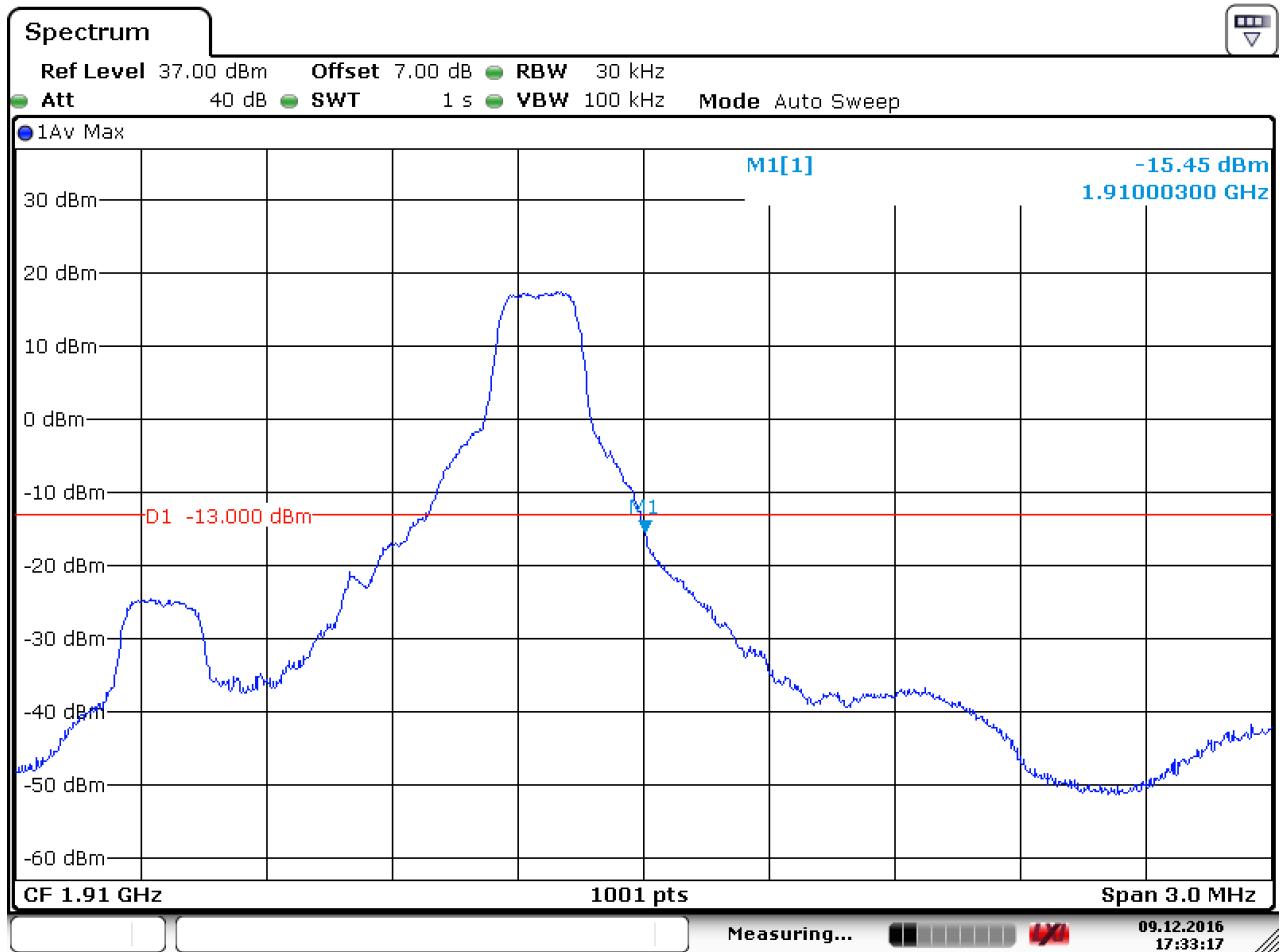
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5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB

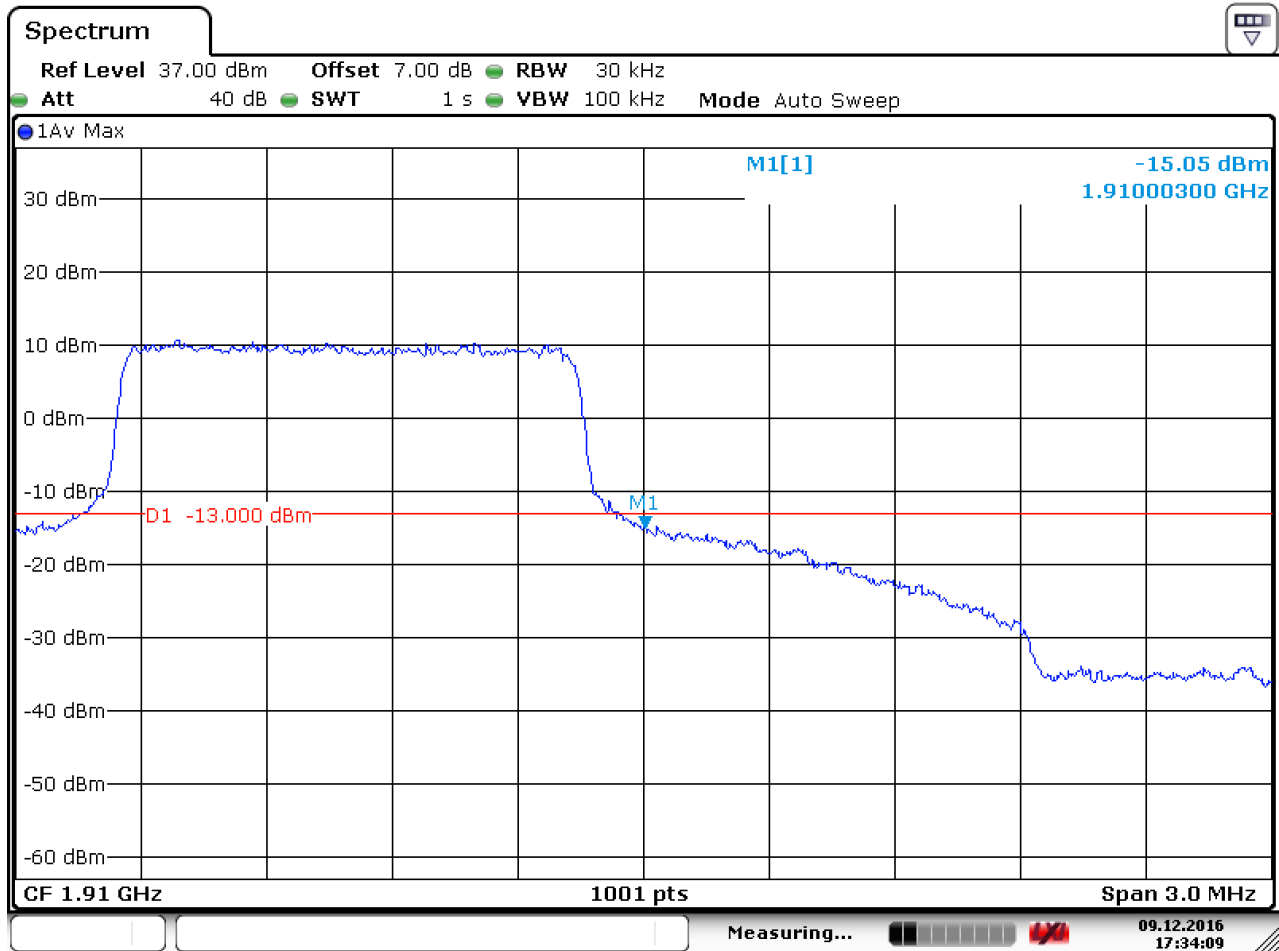


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5.1.1.1.2.2 Test RB=6RB



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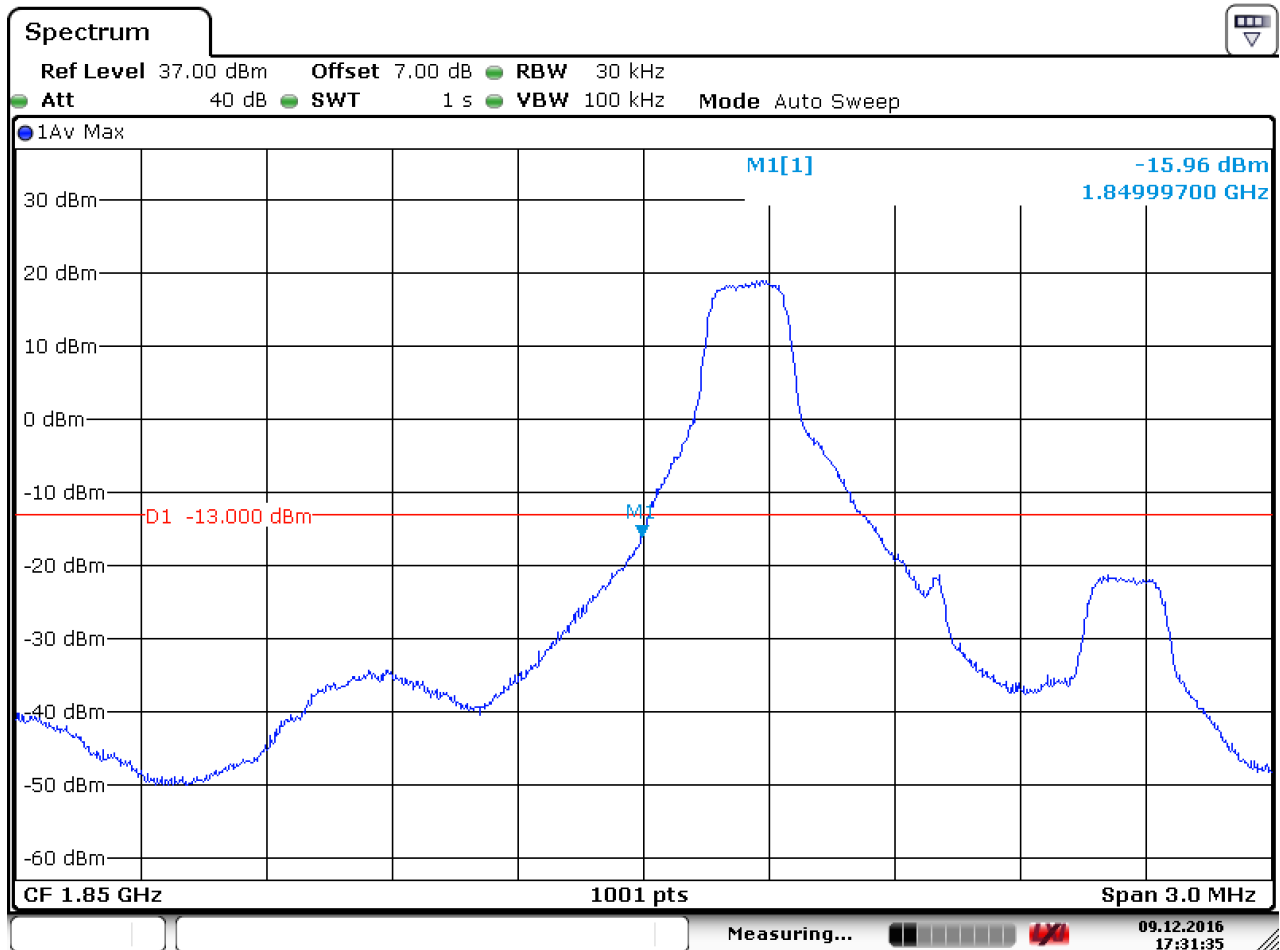
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5.1.1.2 Test Mode = LTE/TM2 1.4MHz

5.1.1.2.1 Test Channel = LCH

5.1.1.2.1.1 Test RB=1RB

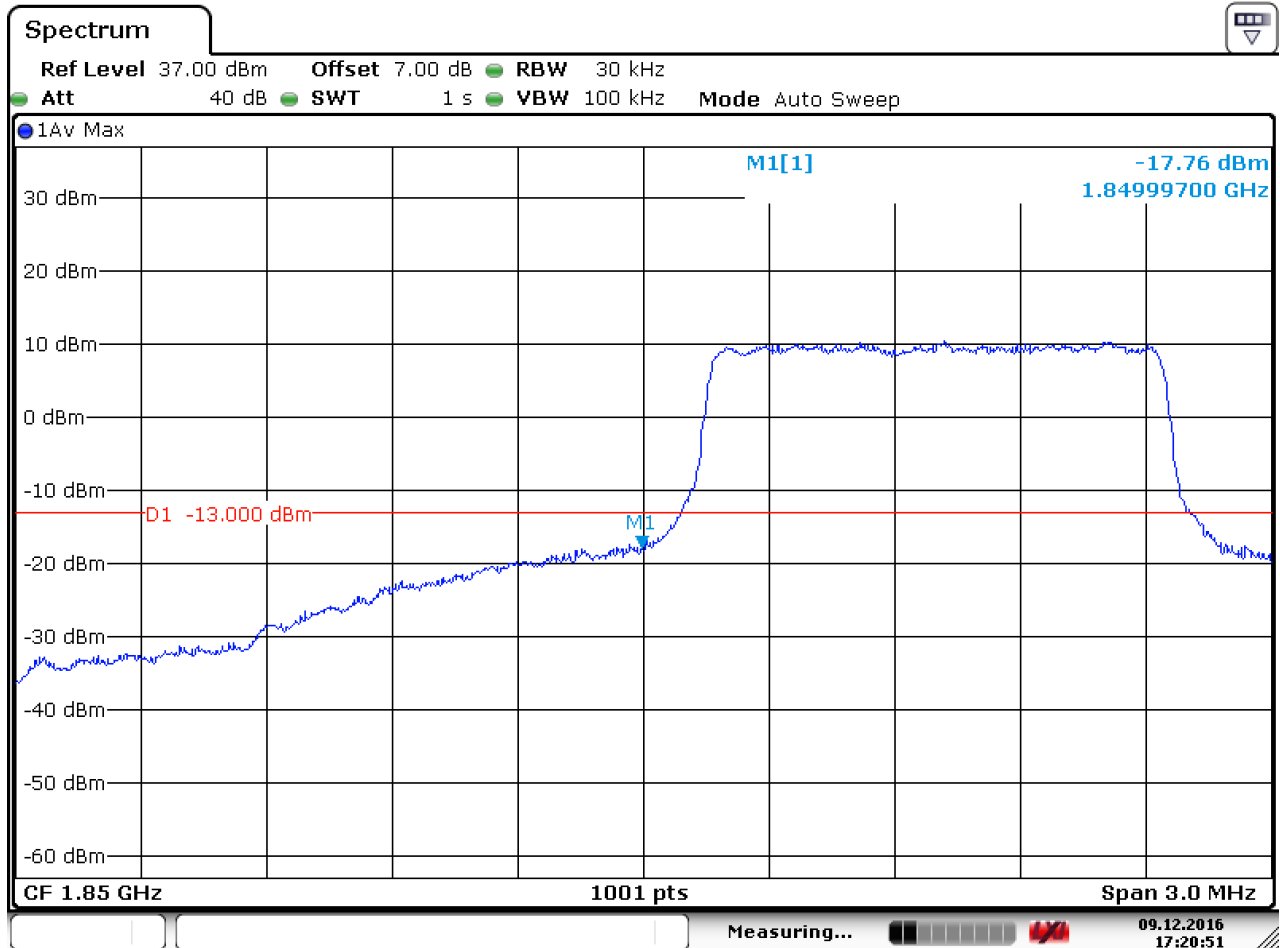


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5.1.1.2.1.2 Test RB=6RB



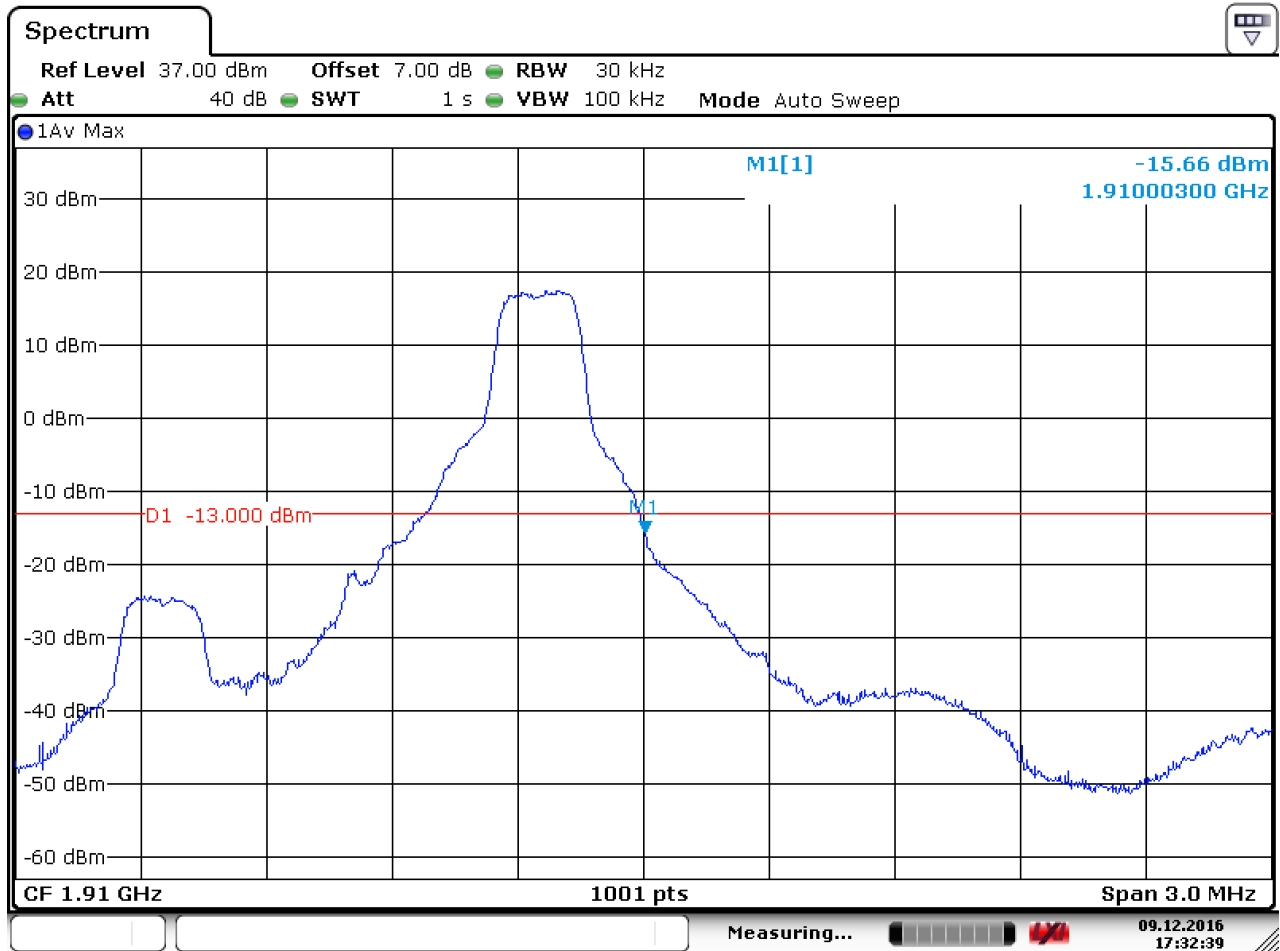
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5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB=1RB

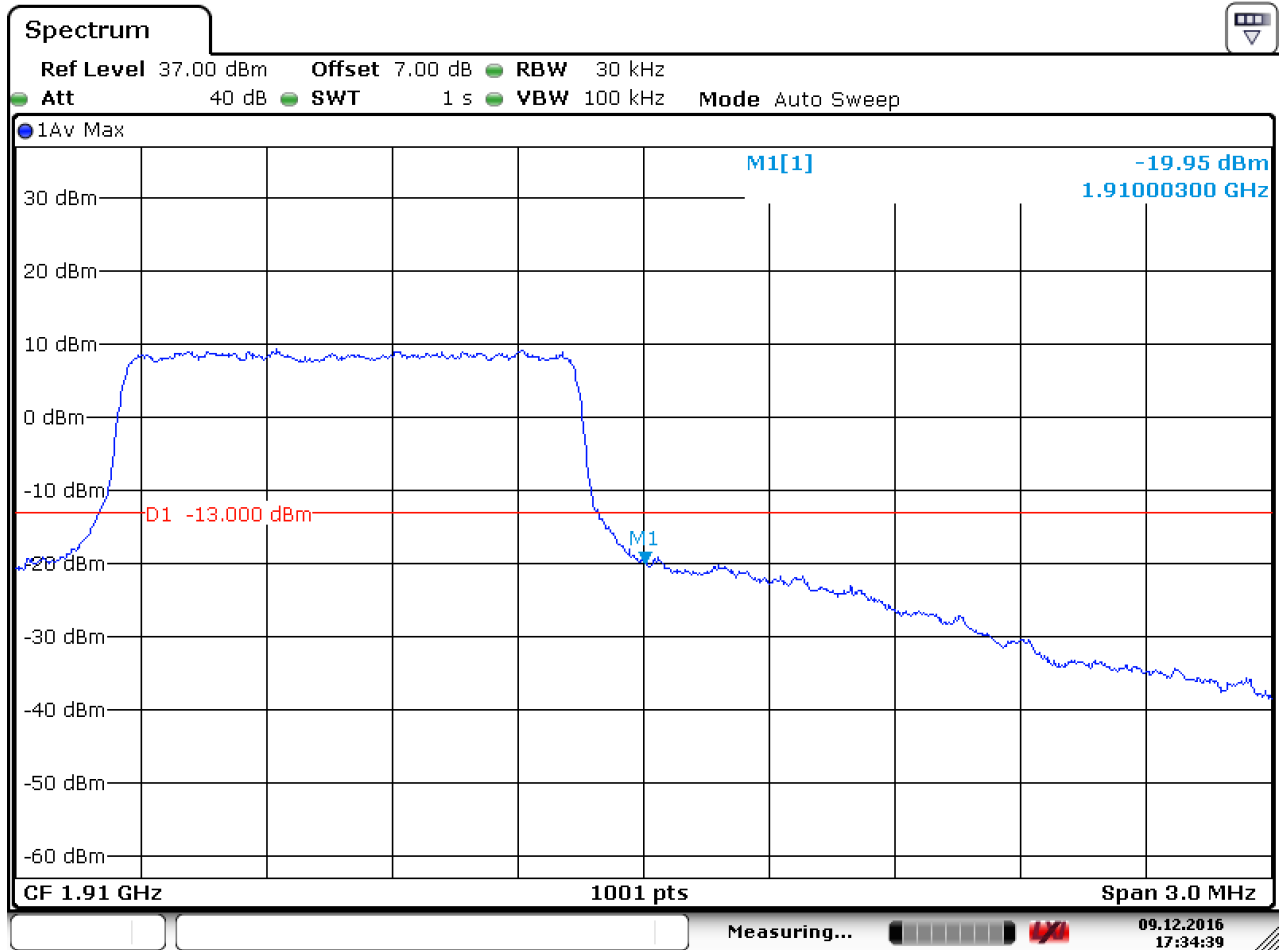


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5.1.1.2.2.2 Test RB=6RB



Date: 9.DEC.2016 17:34:39

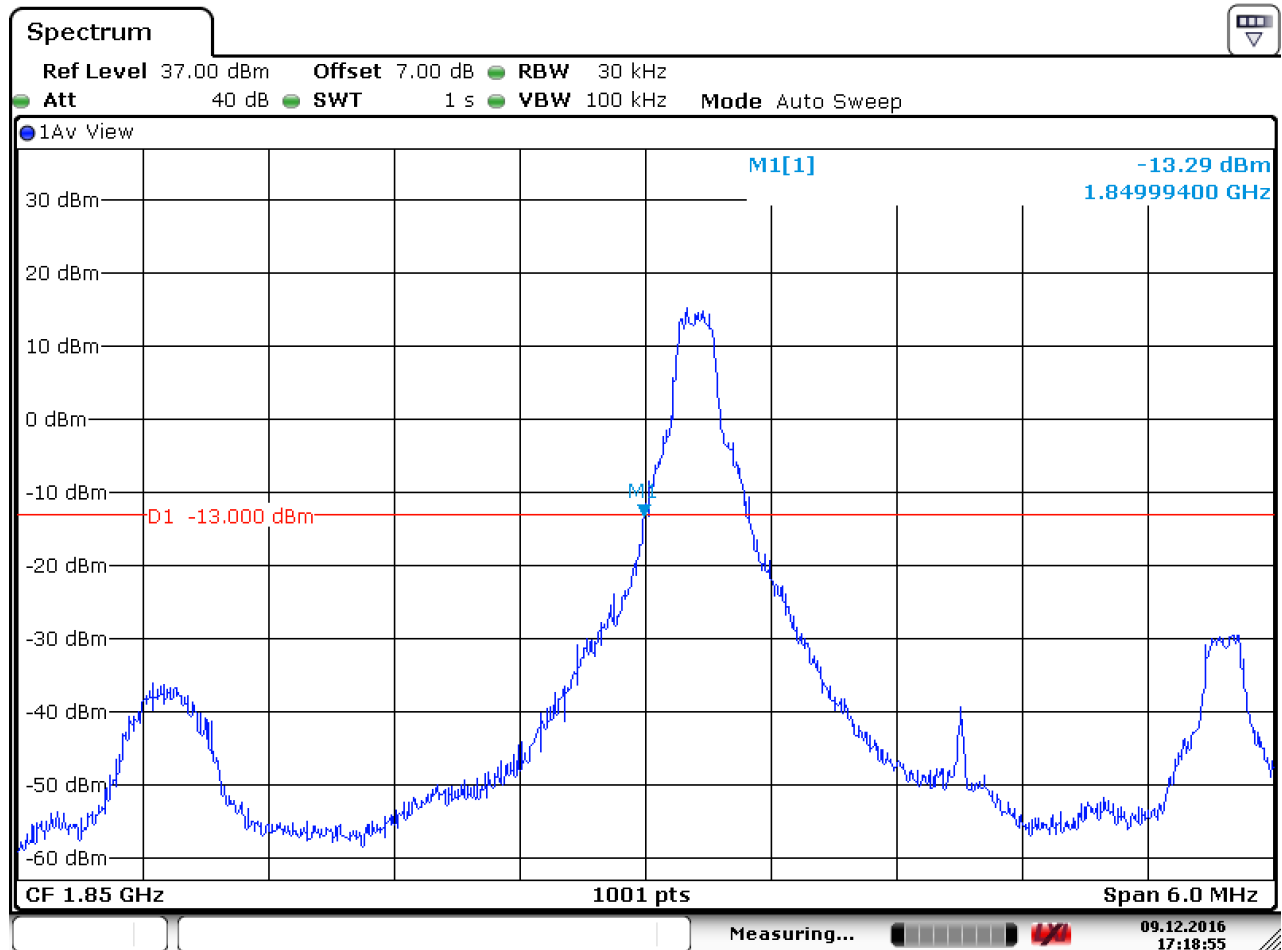
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5.1.1.3 Test Mode = LTE/TM1 3MHz

5.1.1.3.1 Test Channel = LCH

5.1.1.3.1.1 Test RB=1RB

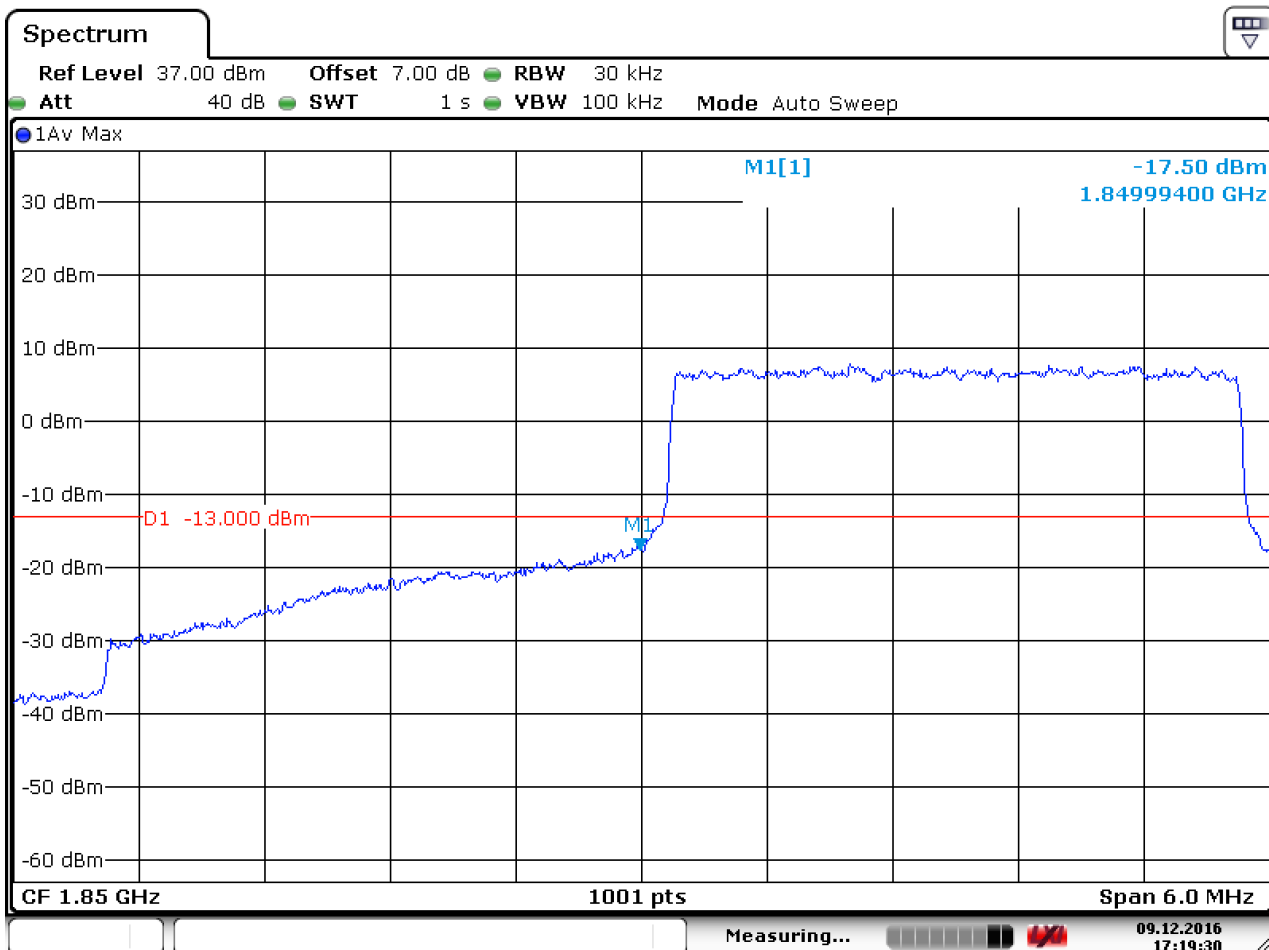


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5.1.1.3.1.2 Test RB=15RB



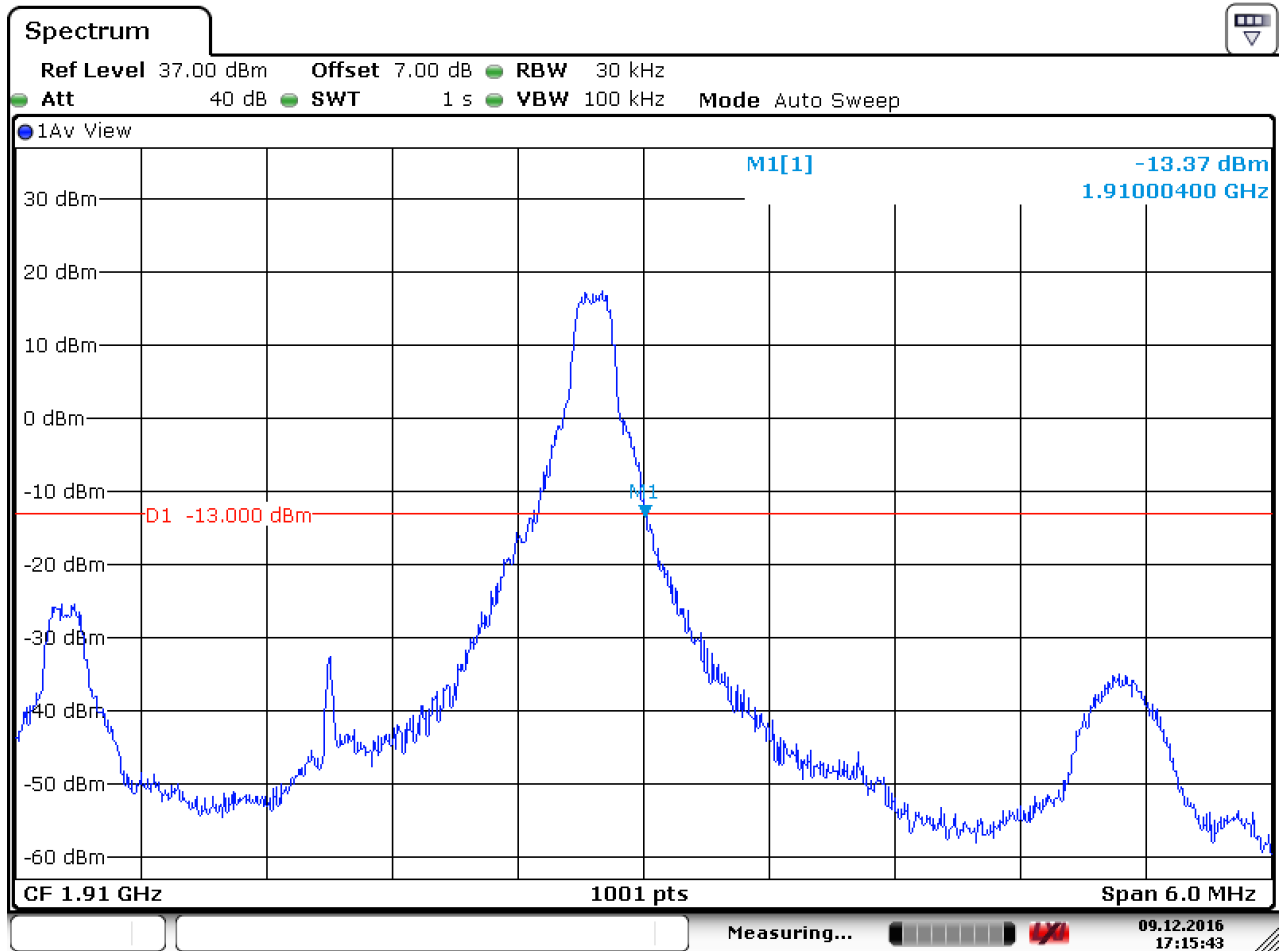
Date: 9. DEC. 2016 17:19:30

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5.1.1.3.2 Test Channel = HCH

5.1.1.3.2.1 Test RB=1RB

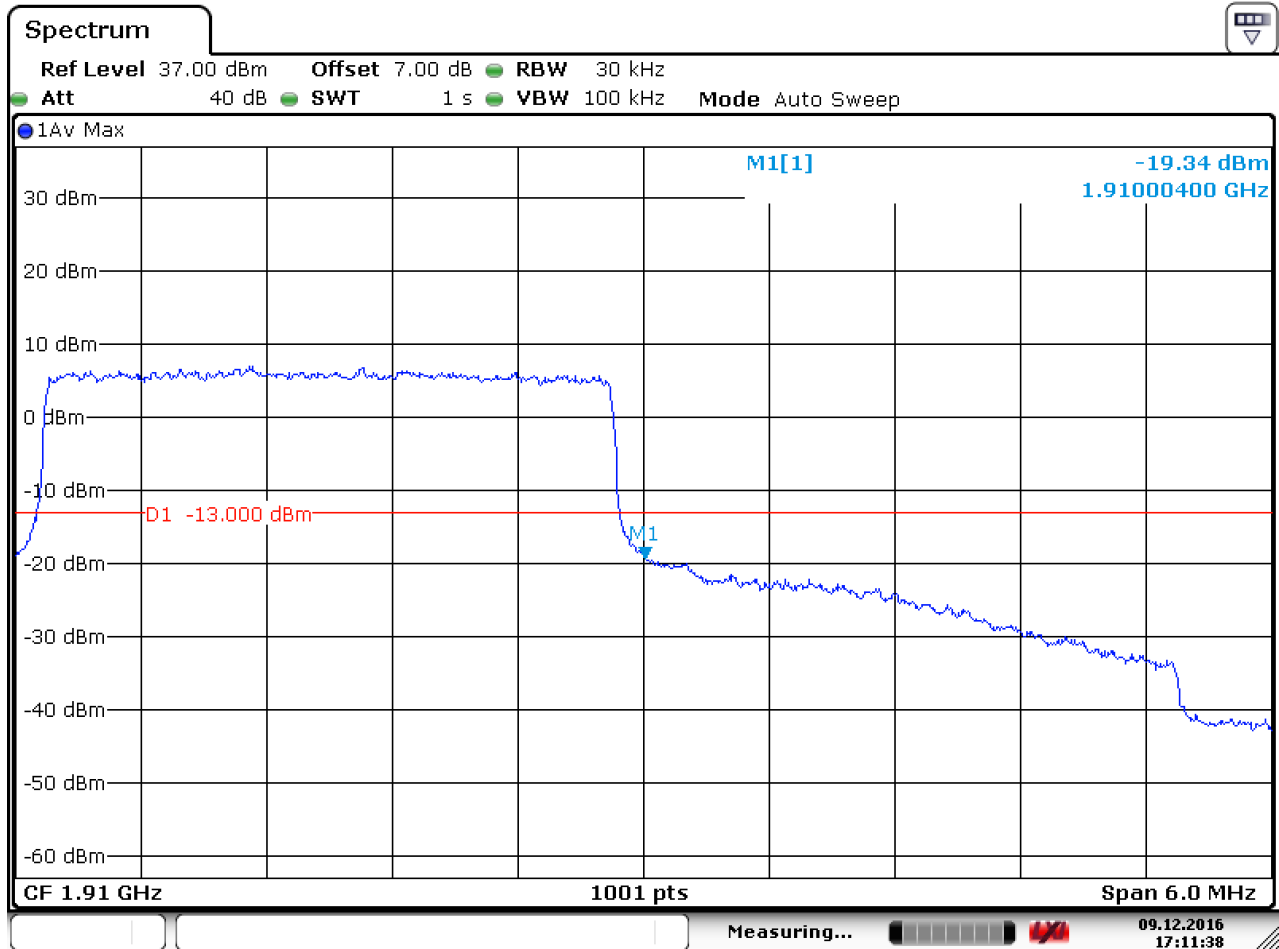


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5.1.1.3.2.2 Test RB=15RB

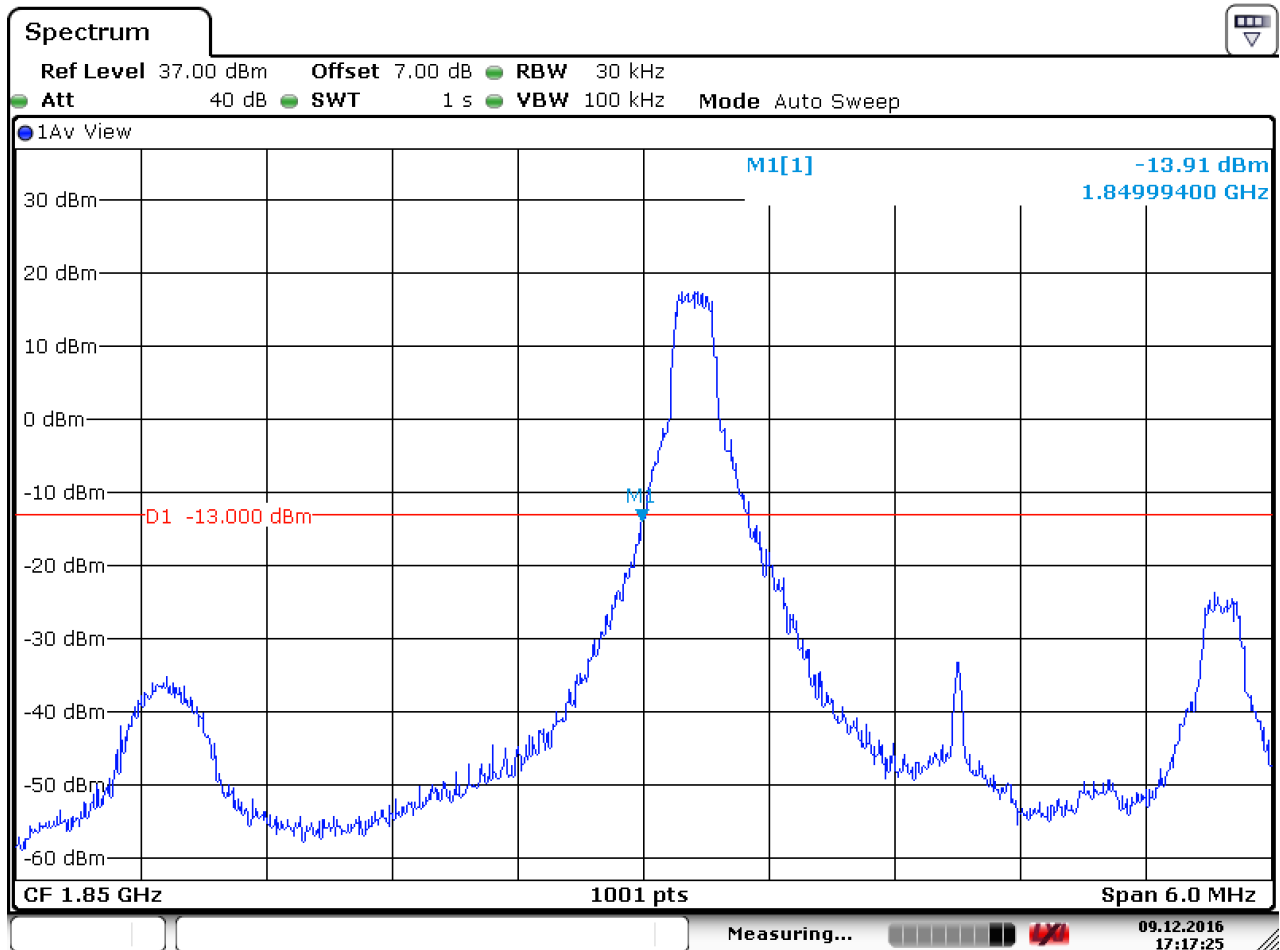


Date: 9.DEC.2016 17:11:38

5.1.1.4 Test Mode = LTE/TM2 3MHz

5.1.1.4.1 Test Channel = LCH

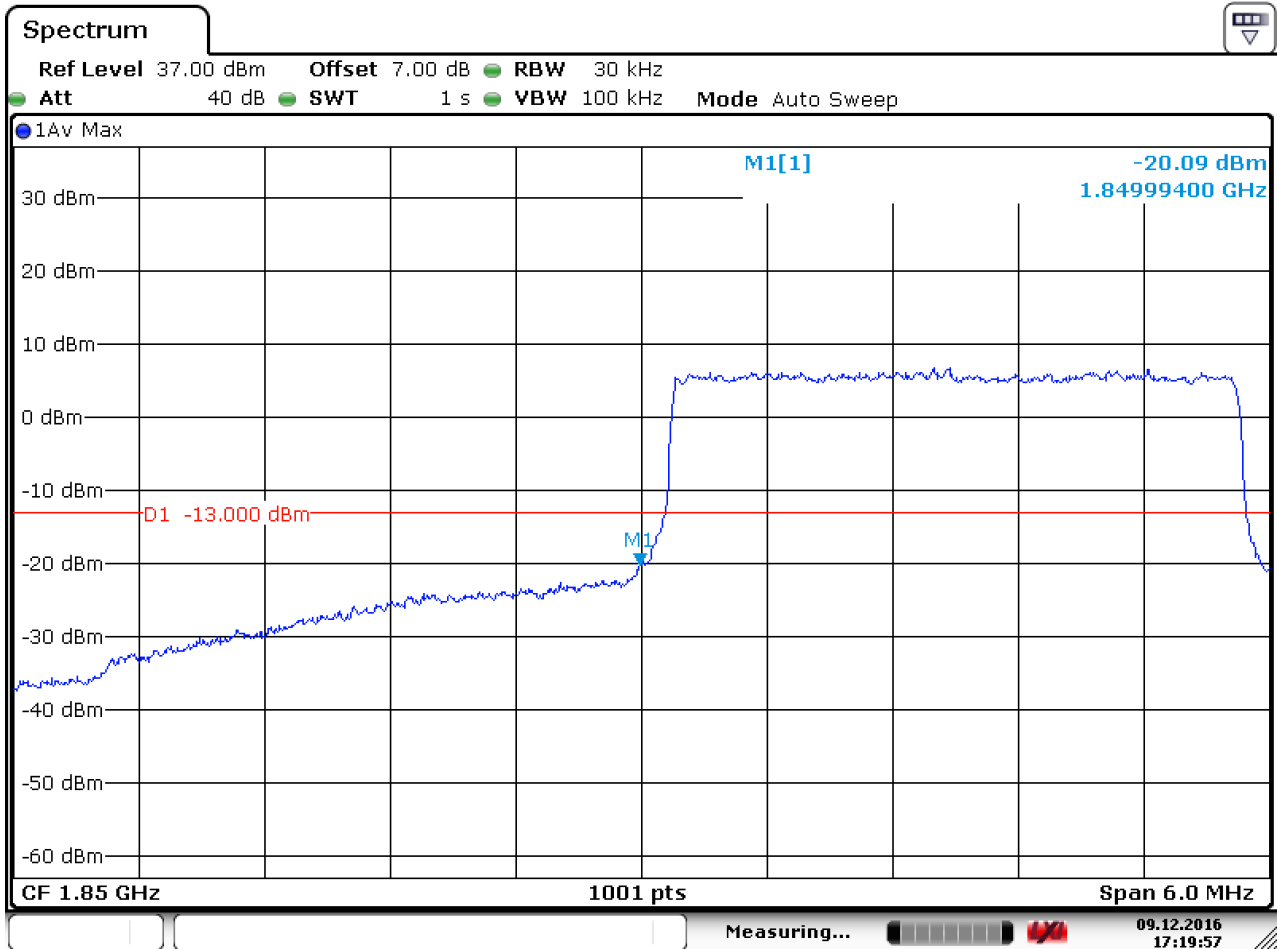
5.1.1.4.1.1 Test RB=1RB



Date: 9.DEC.2016 17:17:25



5.1.1.4.1.2 Test RB=15RB



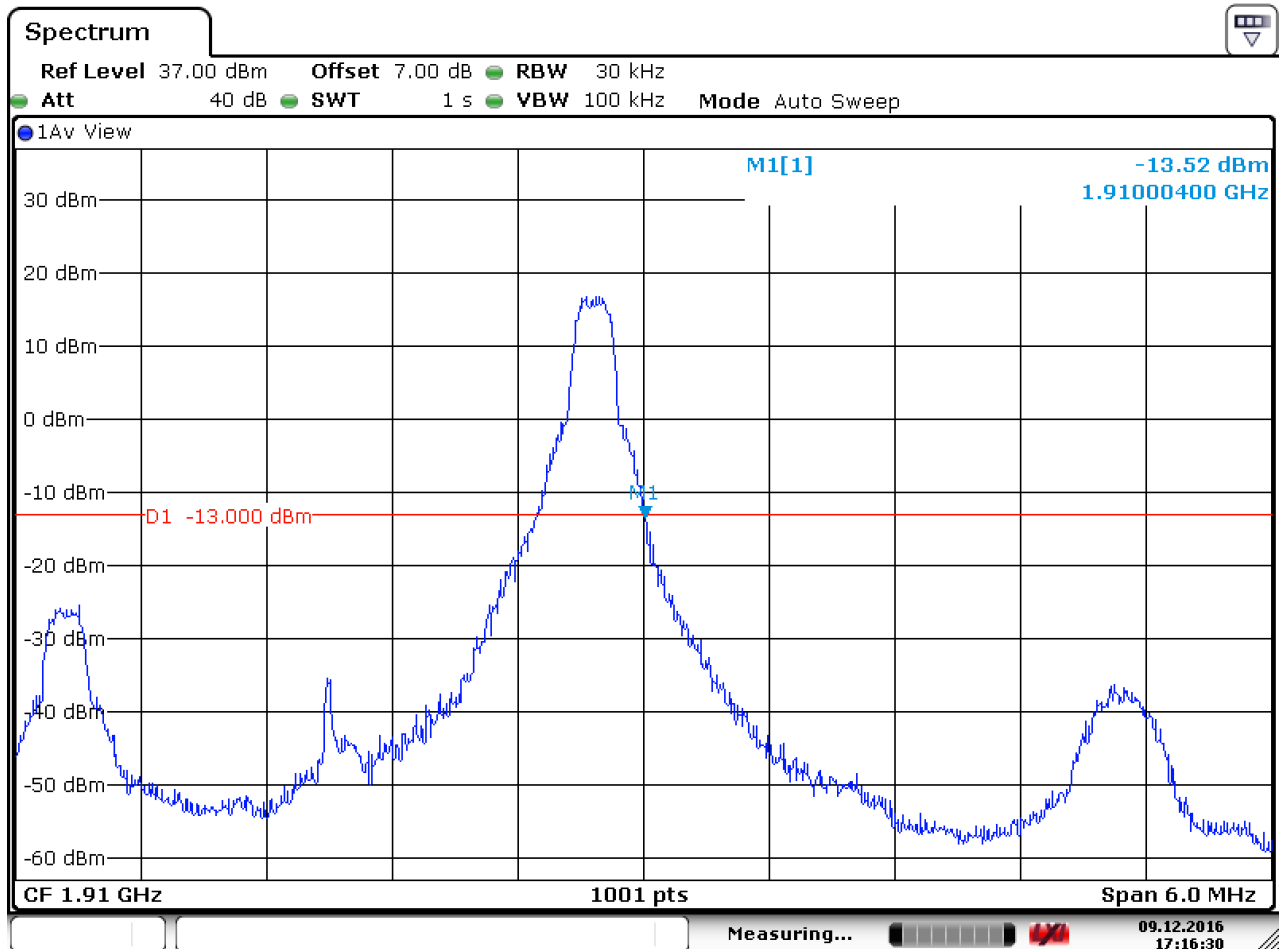
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5.1.1.4.2 Test Channel = HCH

5.1.1.4.2.1 Test RB=1RB

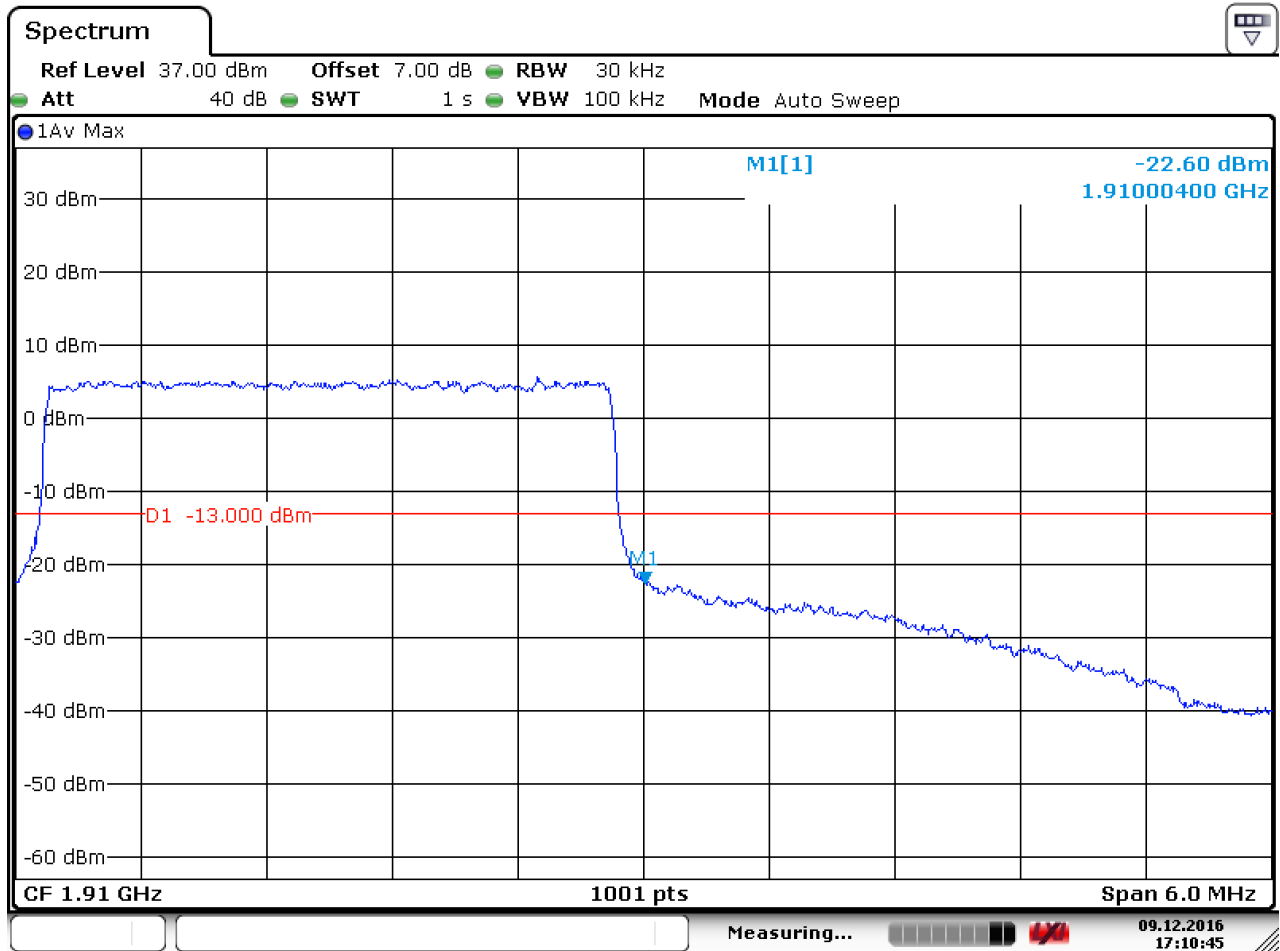


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5.1.1.4.3 Test RB=15RB



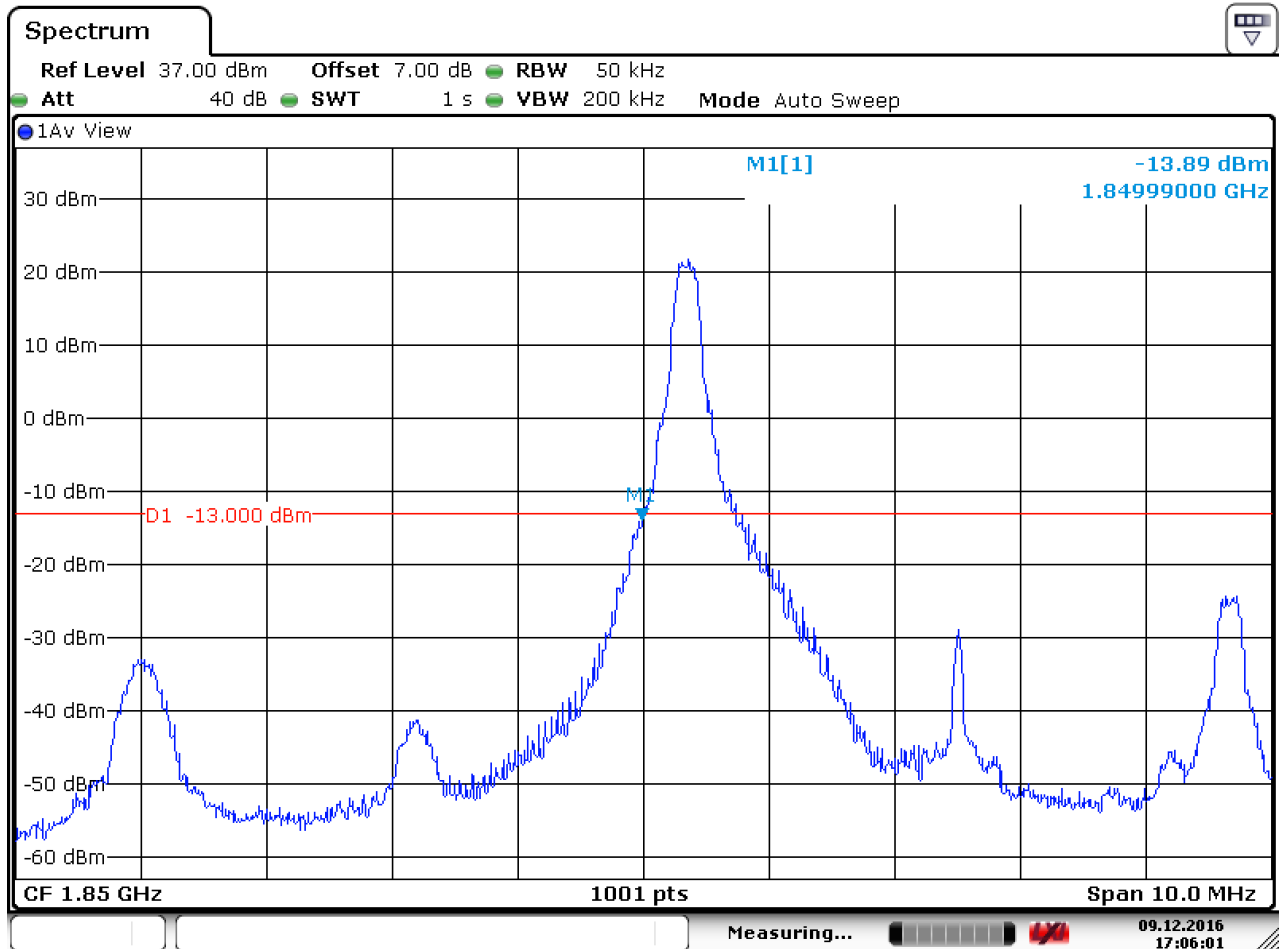
Date: 9. DEC. 2016 17:10:46



5.1.1.5 Test Mode = LTE/TM1 5MHz

5.1.1.5.1 Test Channel = LCH

5.1.1.5.1.1 Test RB=1RB

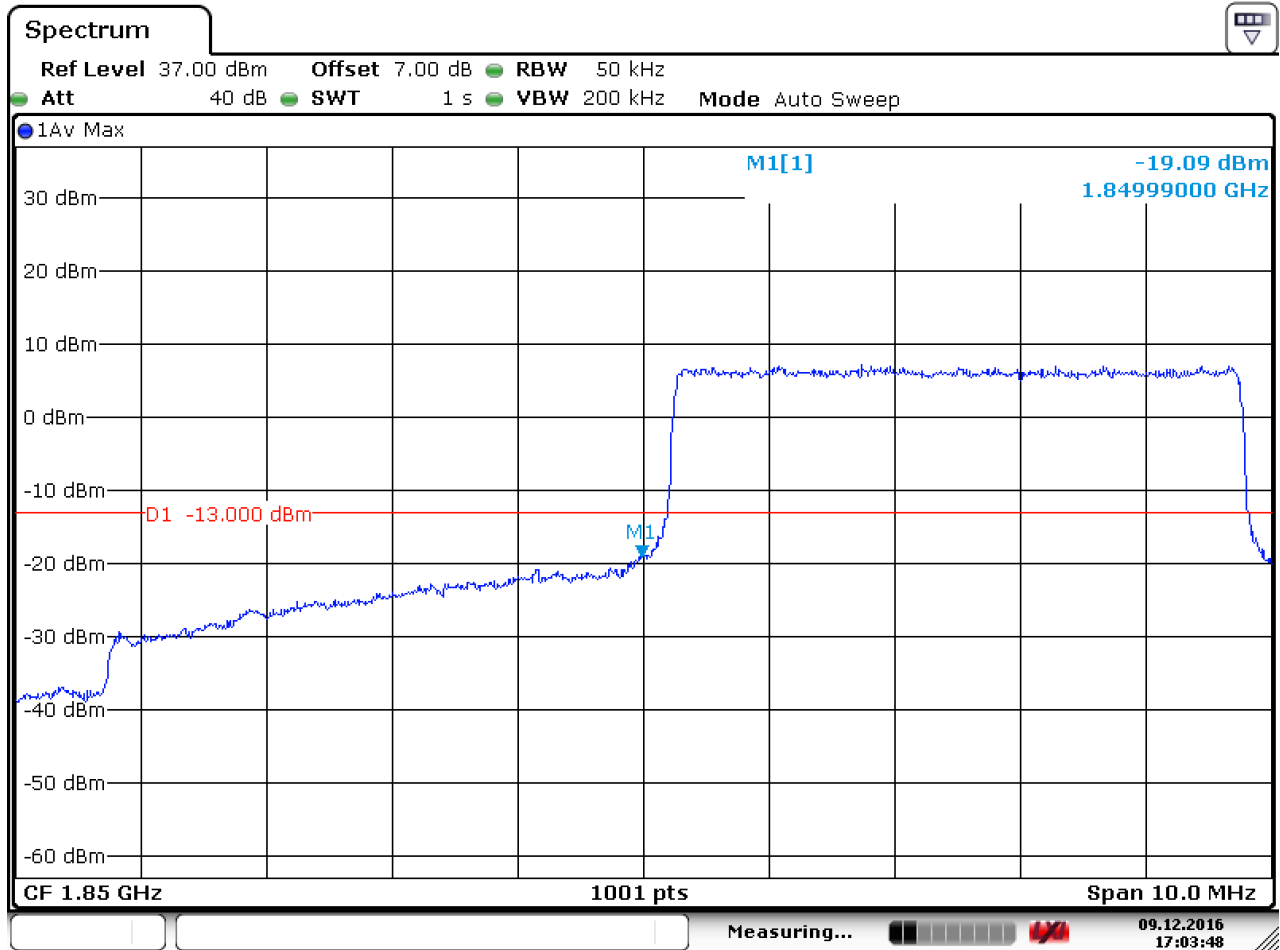


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5.1.1.5.1.2 Test RB=25RB



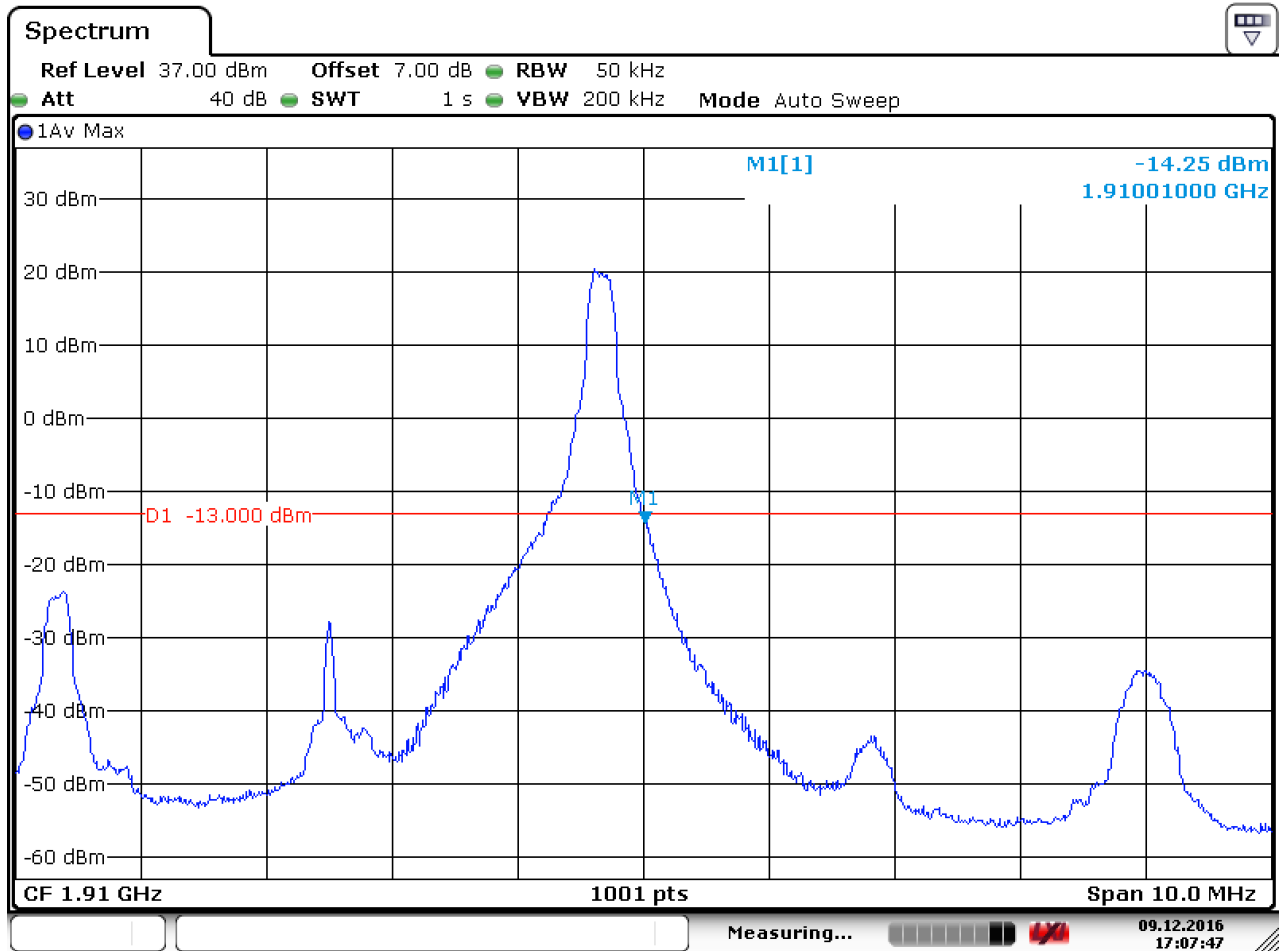
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5.1.1.5.2 Test Channel = HCH

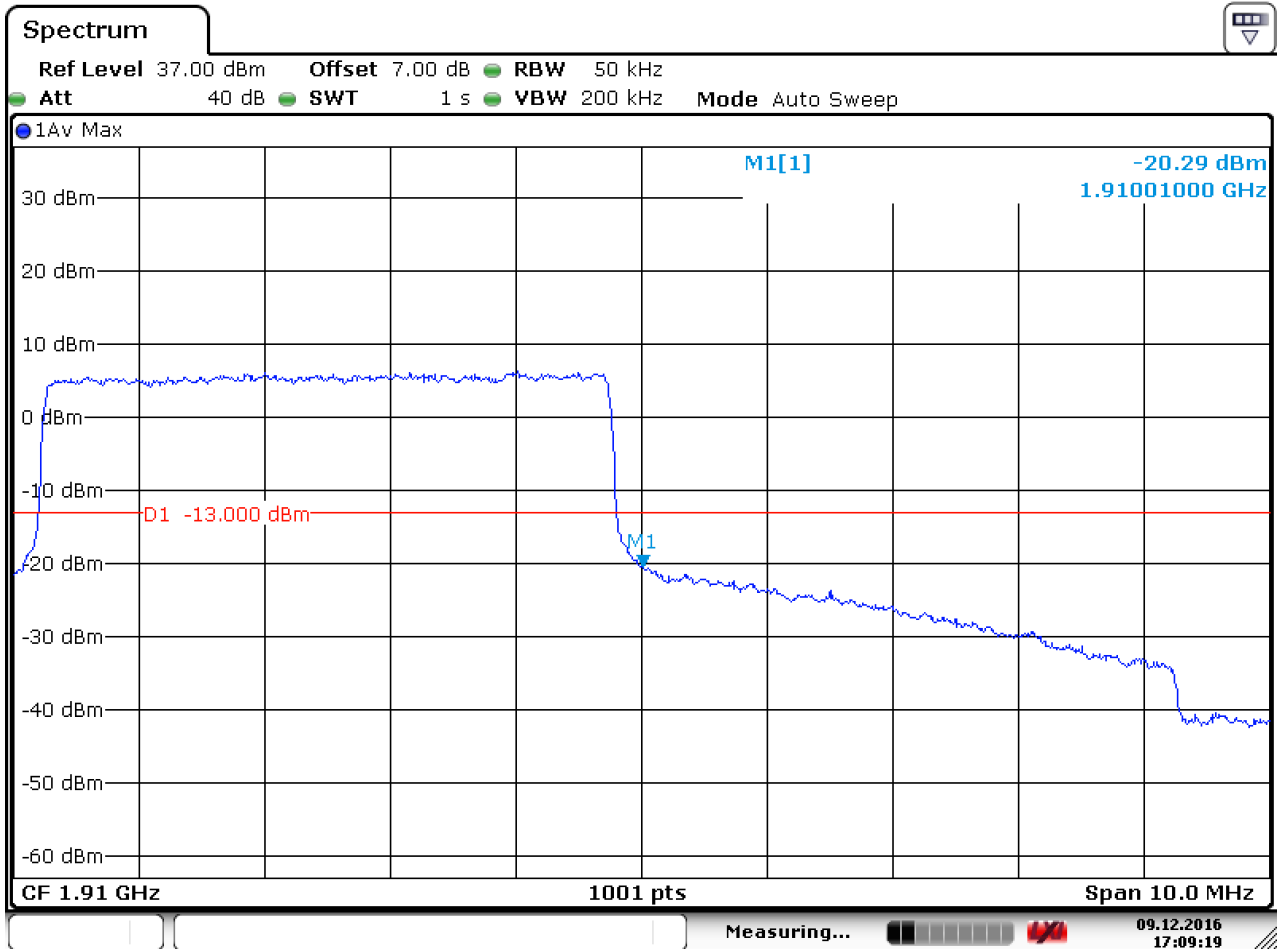
5.1.1.5.2.1 Test RB=1RB



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5.1.1.5.2.2 Test RB=25RB



Date: 9.DEC.2016 17:09:19

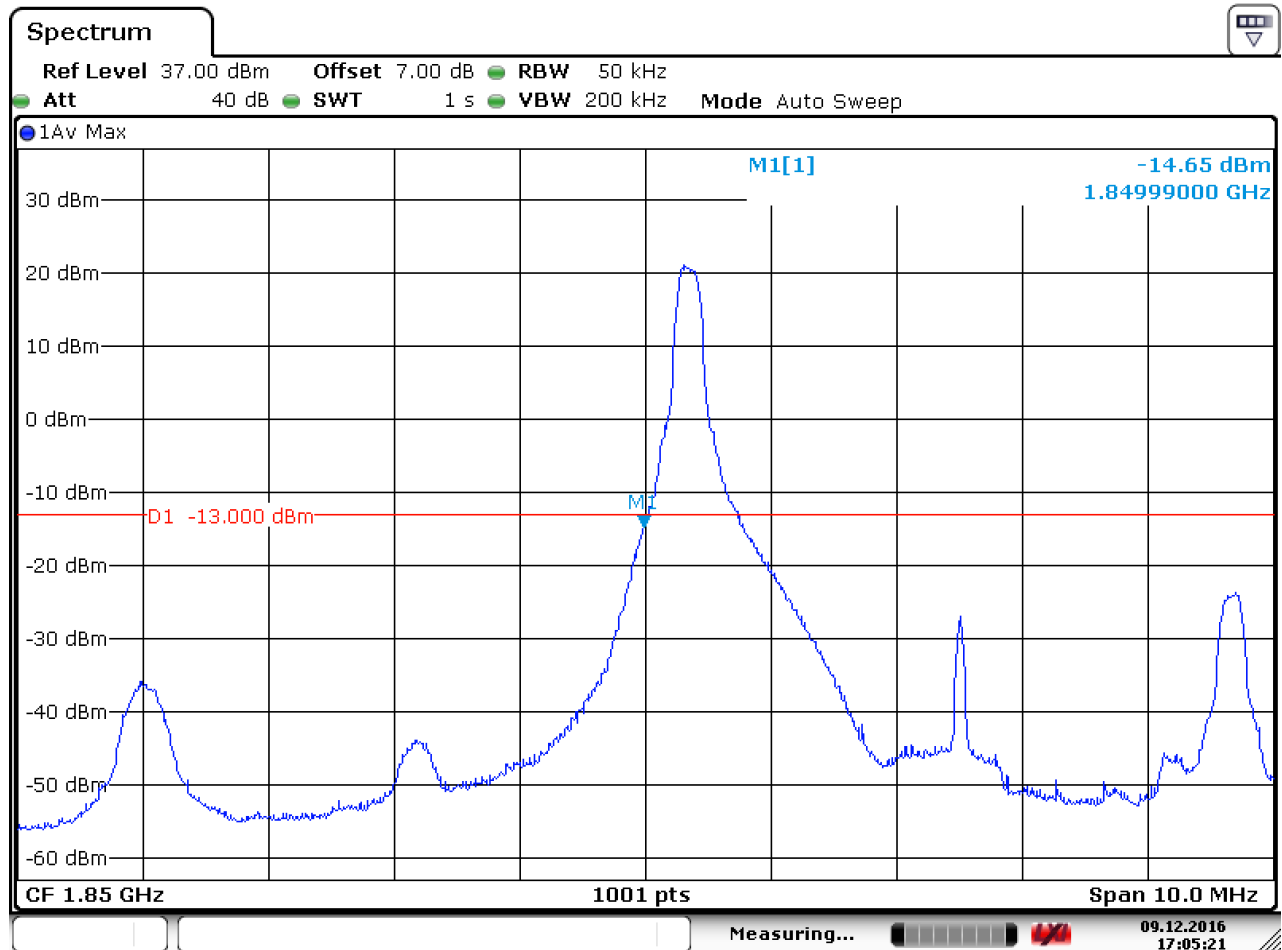
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5.1.1.6 Test Mode = LTE/TM2 5MHz

5.1.1.6.1 Test Channel = LCH

5.1.1.6.1.1 Test RB=1RB

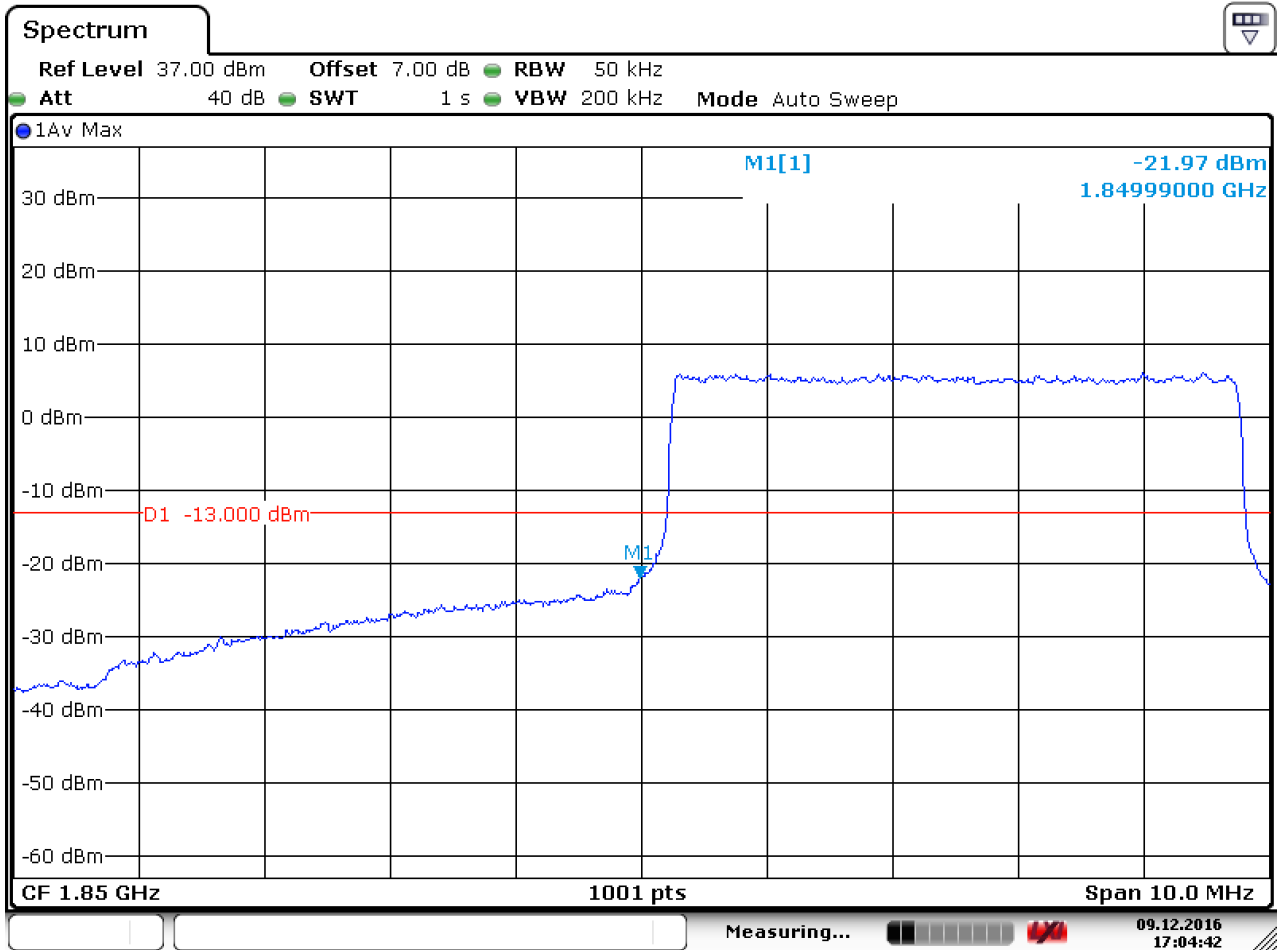


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5.1.1.6.1.2 Test RB=25RB

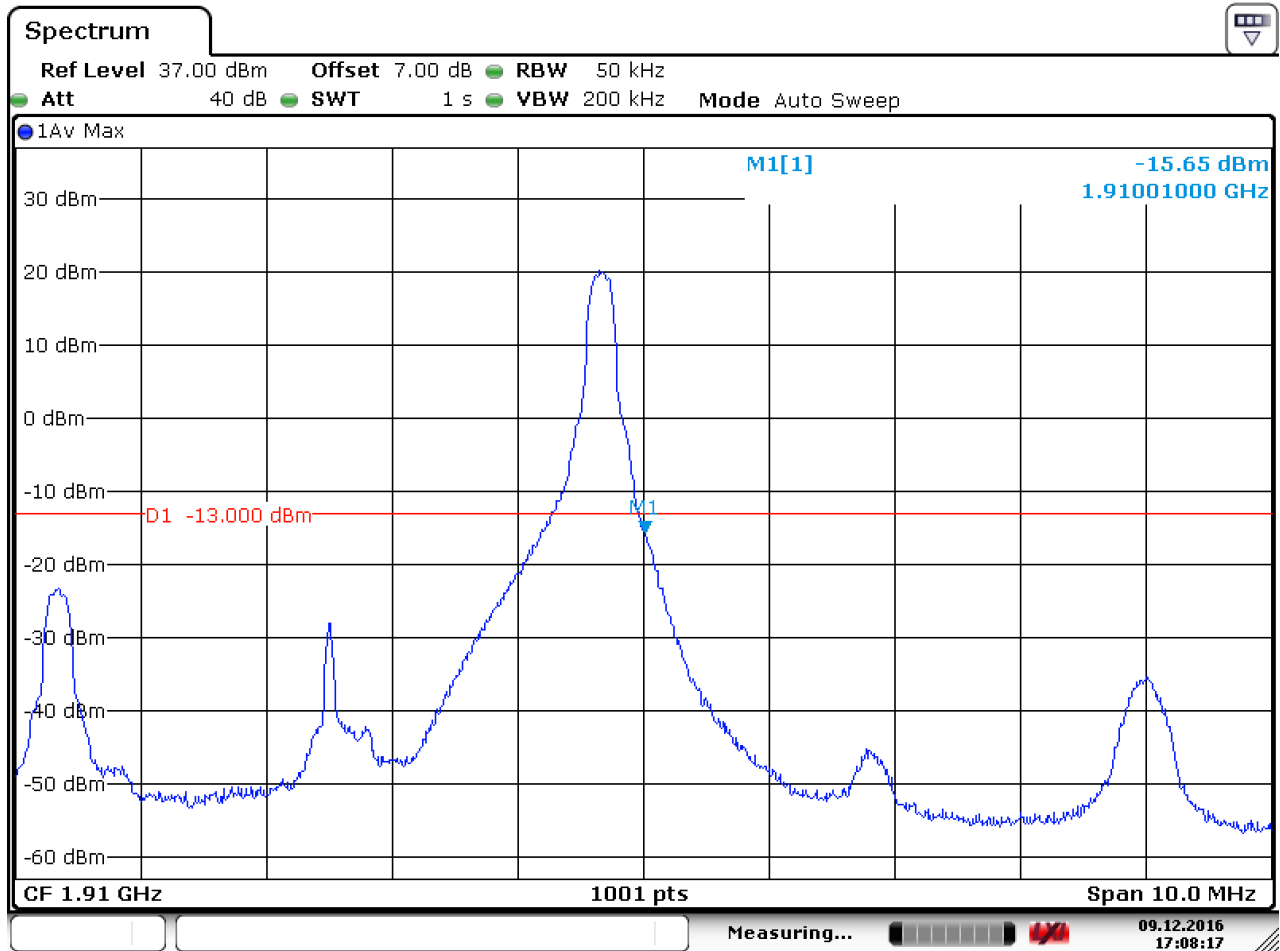


Date: 9. DEC. 2016 17:04:42



5.1.1.6.2 Test Channel = HCH

5.1.1.6.2.1 Test RB=1RB

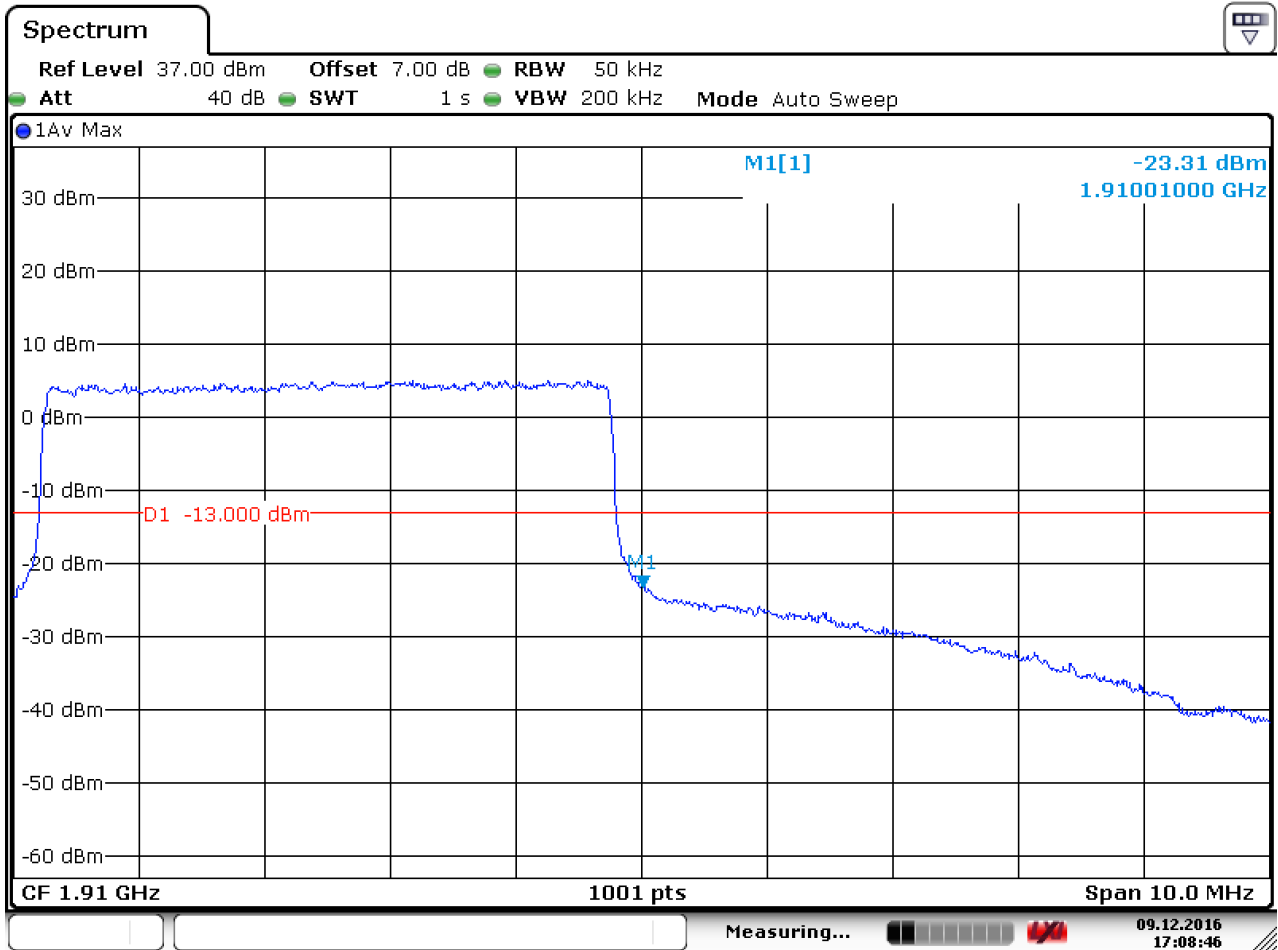


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5.1.1.6.2.2 Test RB=25RB

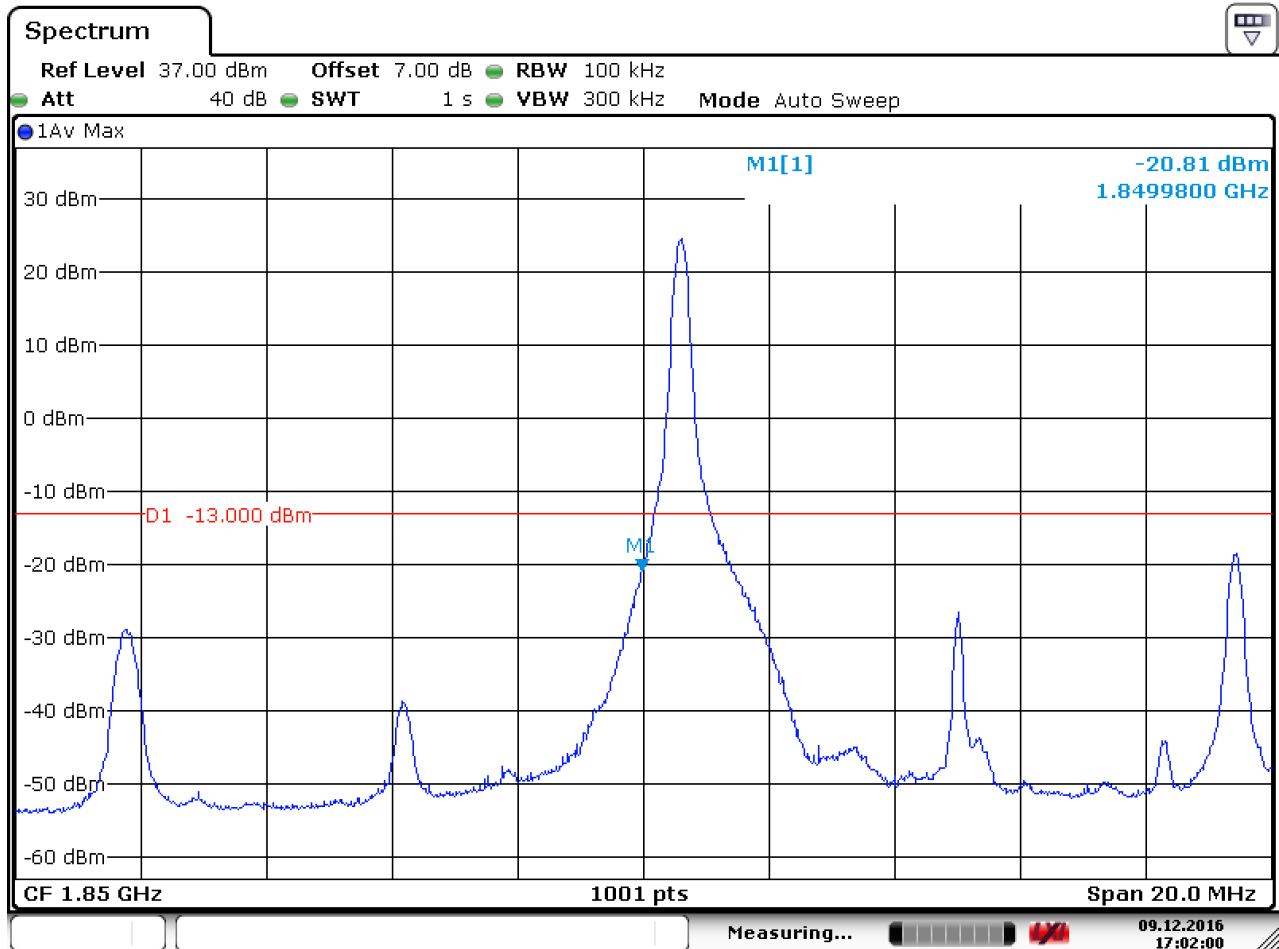


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5.1.1.7 Test Mode = LTE/TM1 10MHz
5.1.1.7.1 Test Channel = LCH
5.1.1.7.1.1 Test RB=1RB

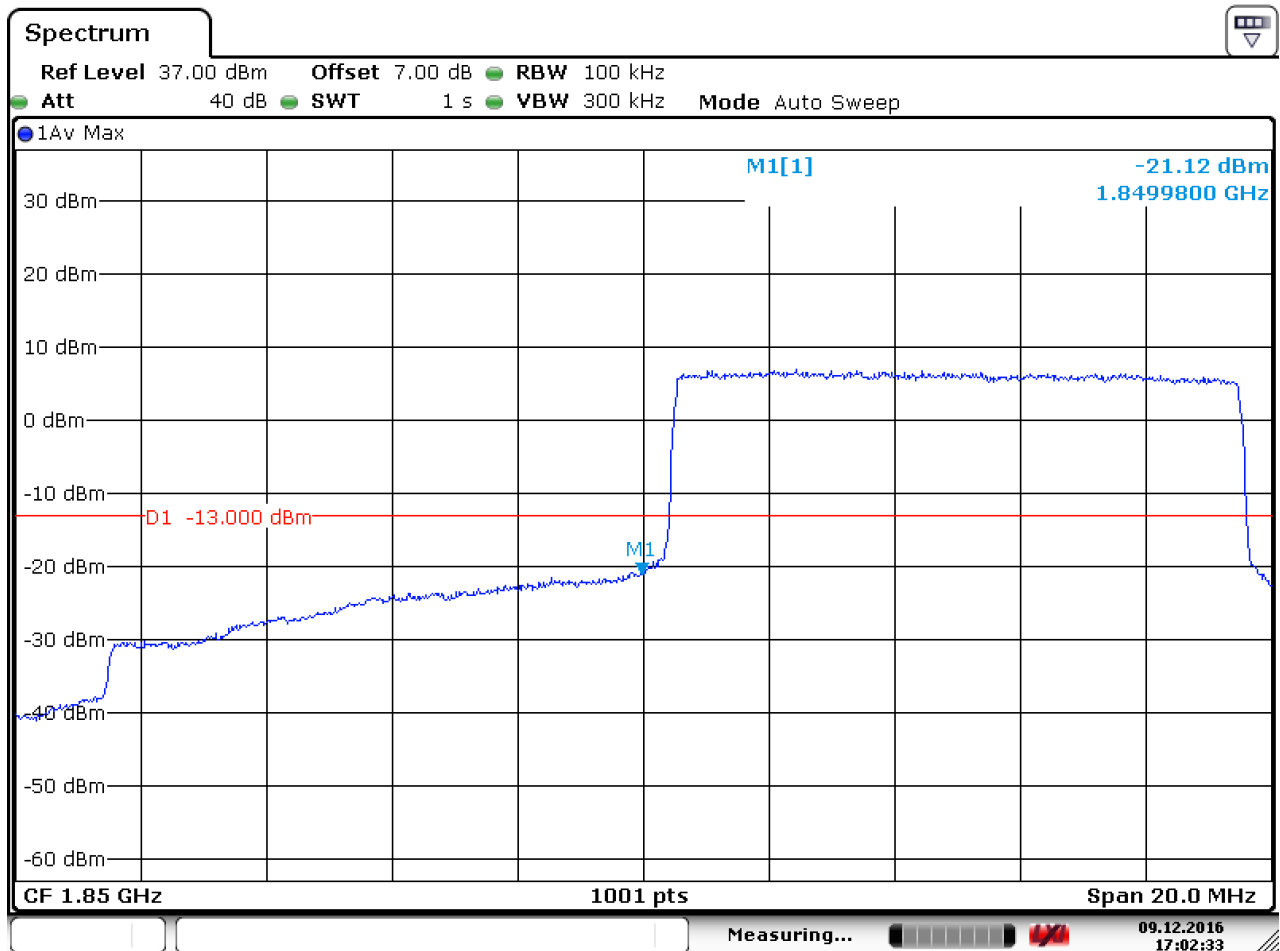


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5.1.1.7.1.2 Test RB=50RB



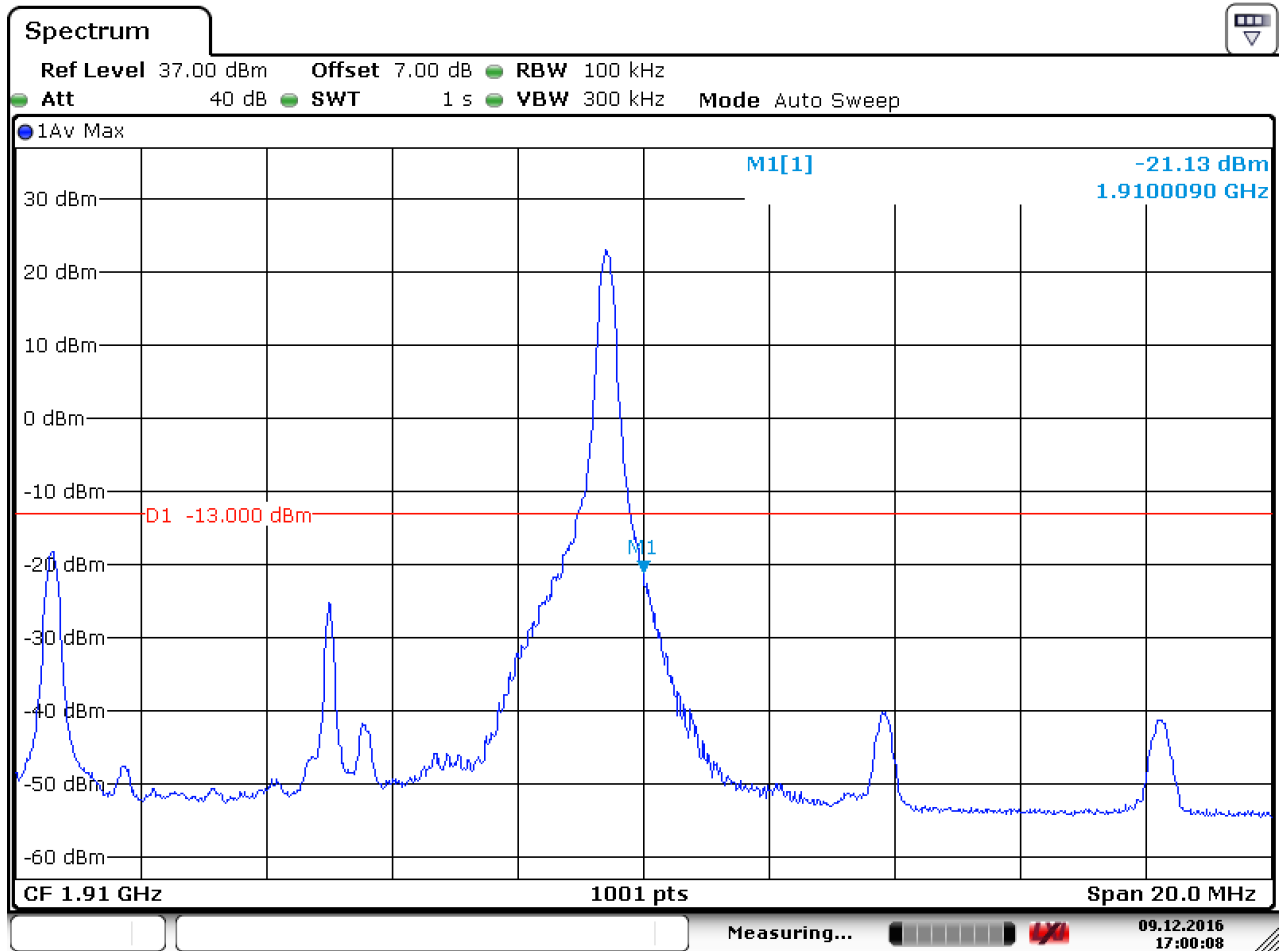
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5.1.1.7.2 Test Channel = HCH

5.1.1.7.2.1 Test RB=1RB

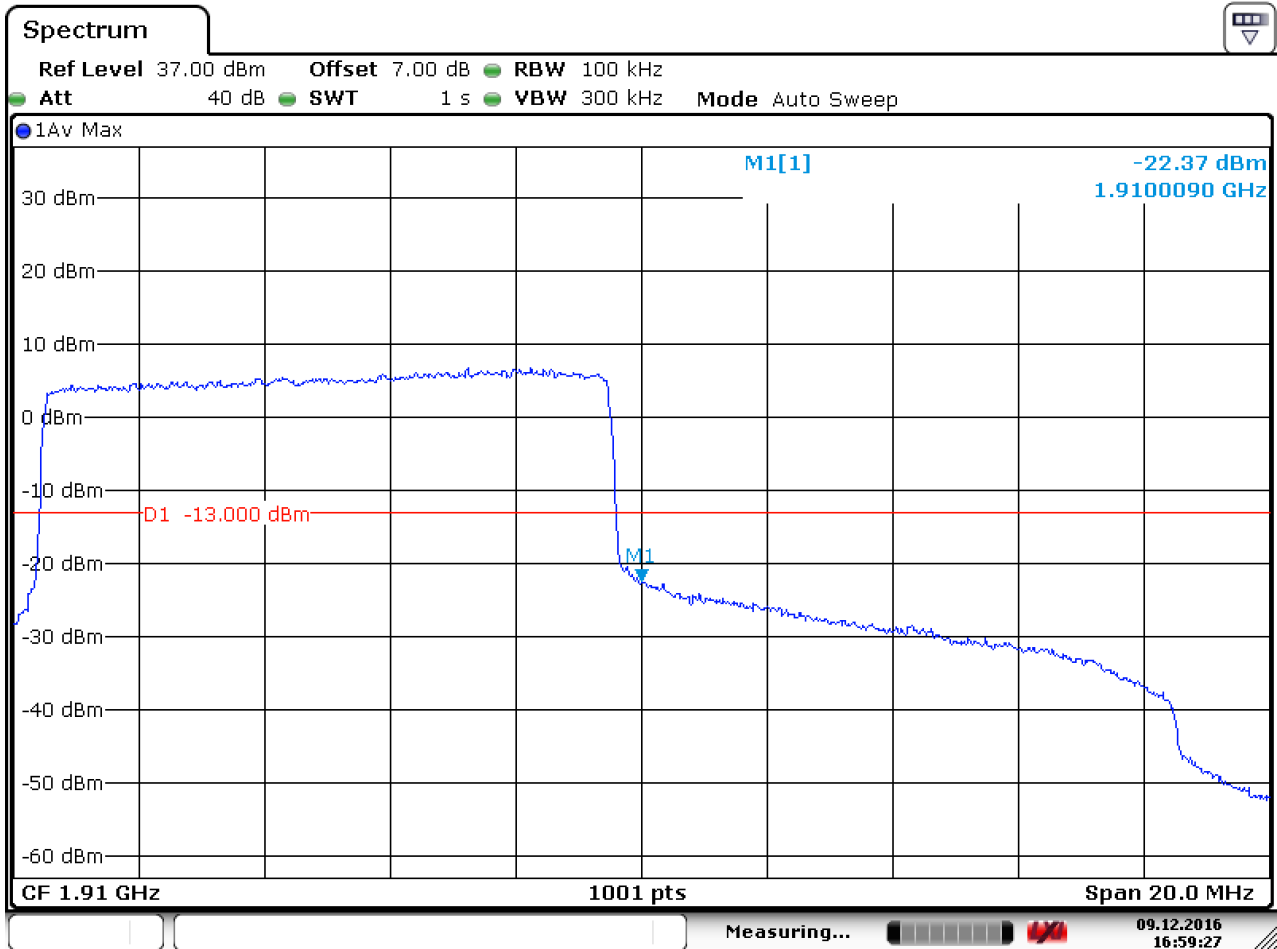


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5.1.1.7.2.2 Test RB=50RB



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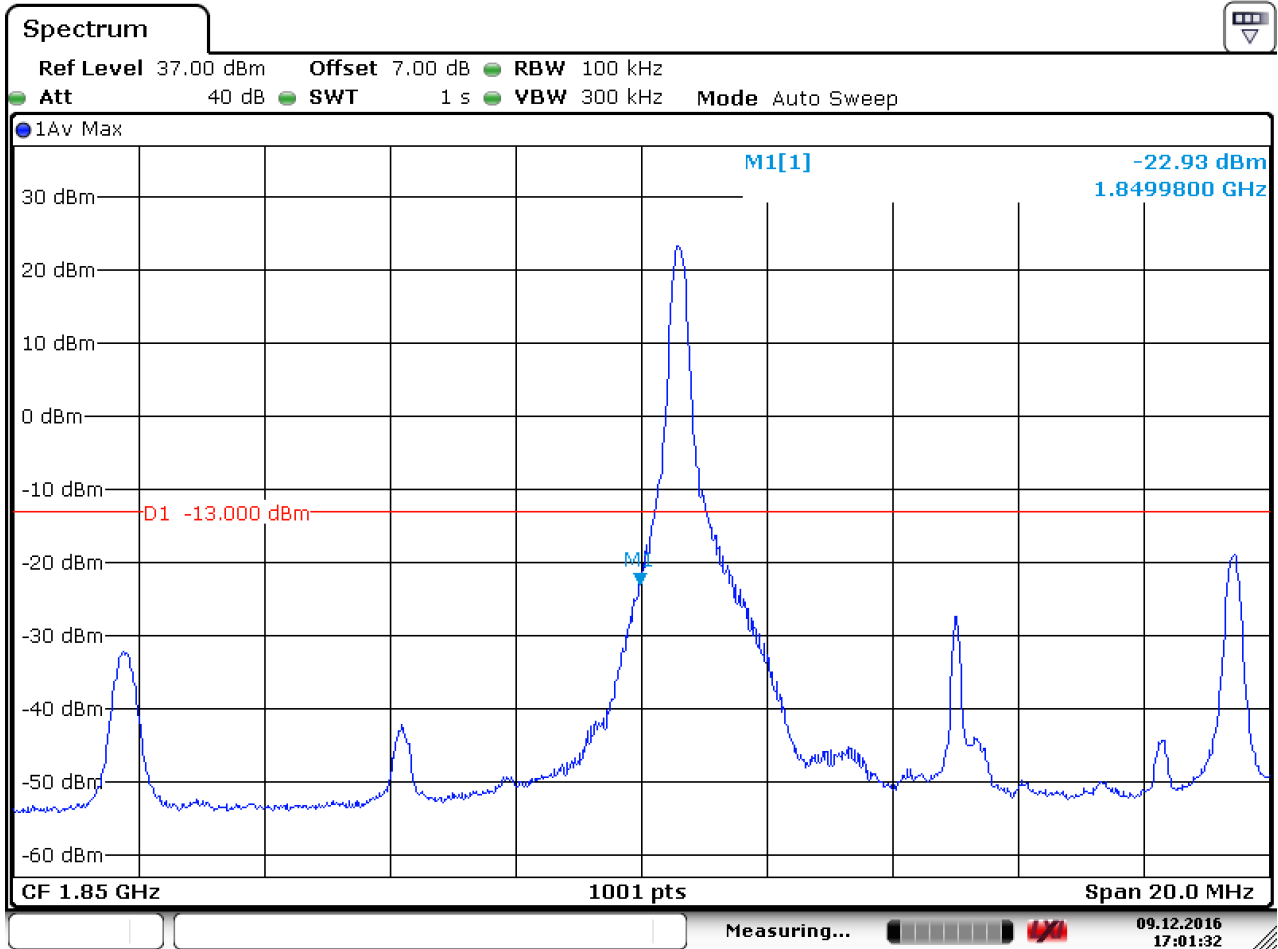
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5.1.1.8 Test Mode = LTE/TM2 10MHz

5.1.1.8.1 Test Channel = LCH

5.1.1.8.1.1 Test RB=1RB

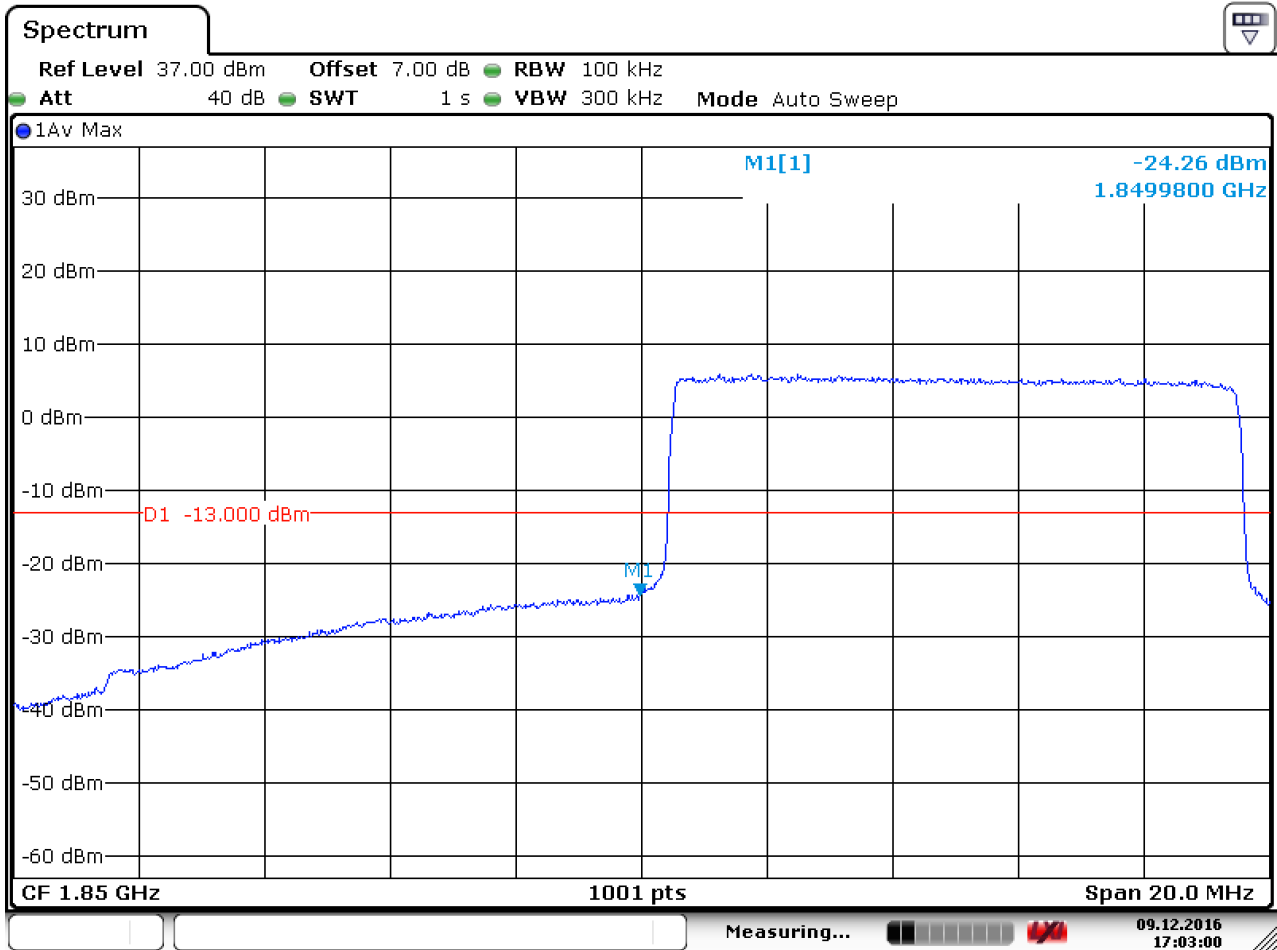


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5.1.1.8.1.2 Test RB=50RB



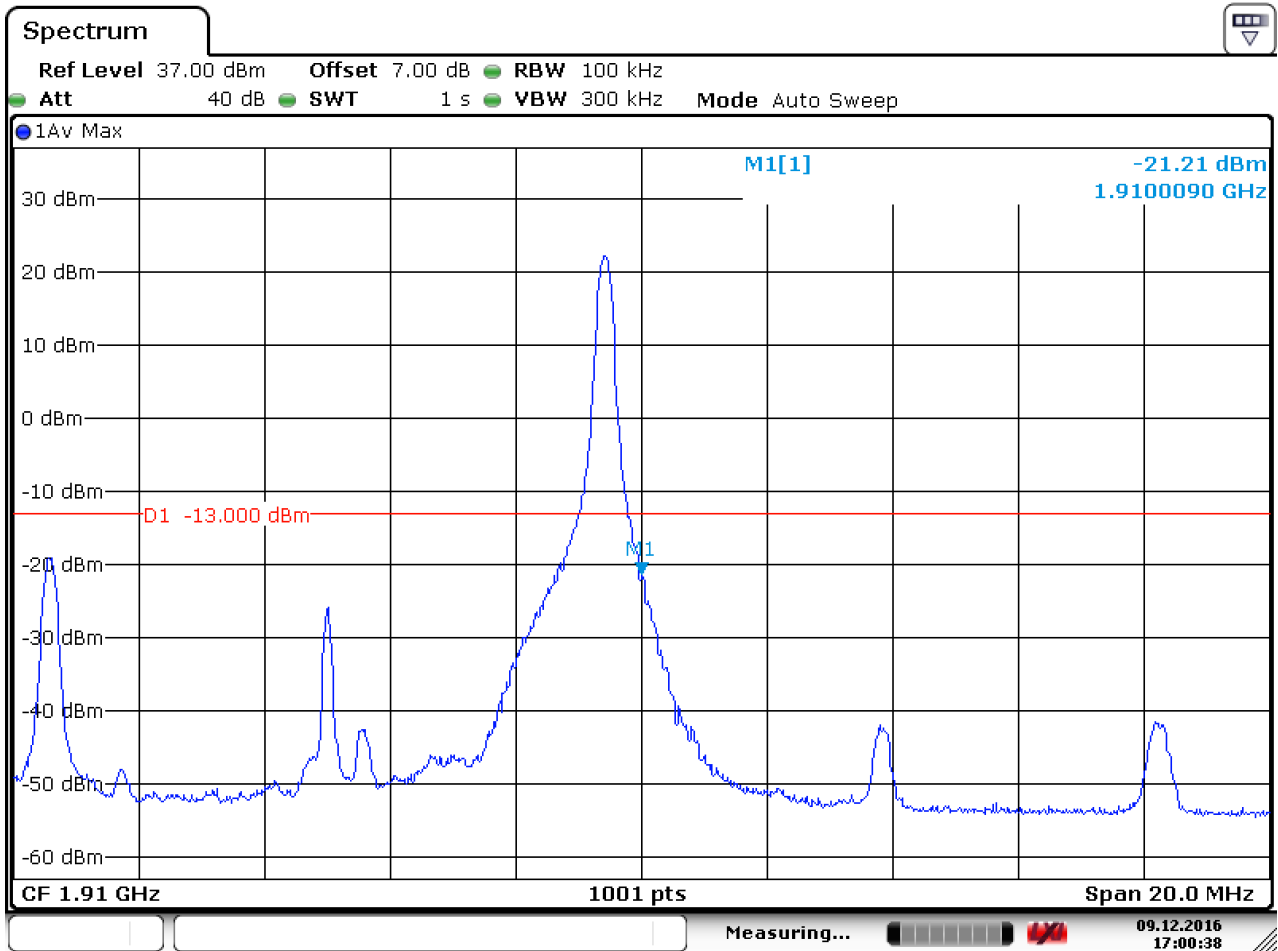
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5.1.1.8.2 Test Channel = HCH

5.1.1.8.2.1 Test RB=1RB

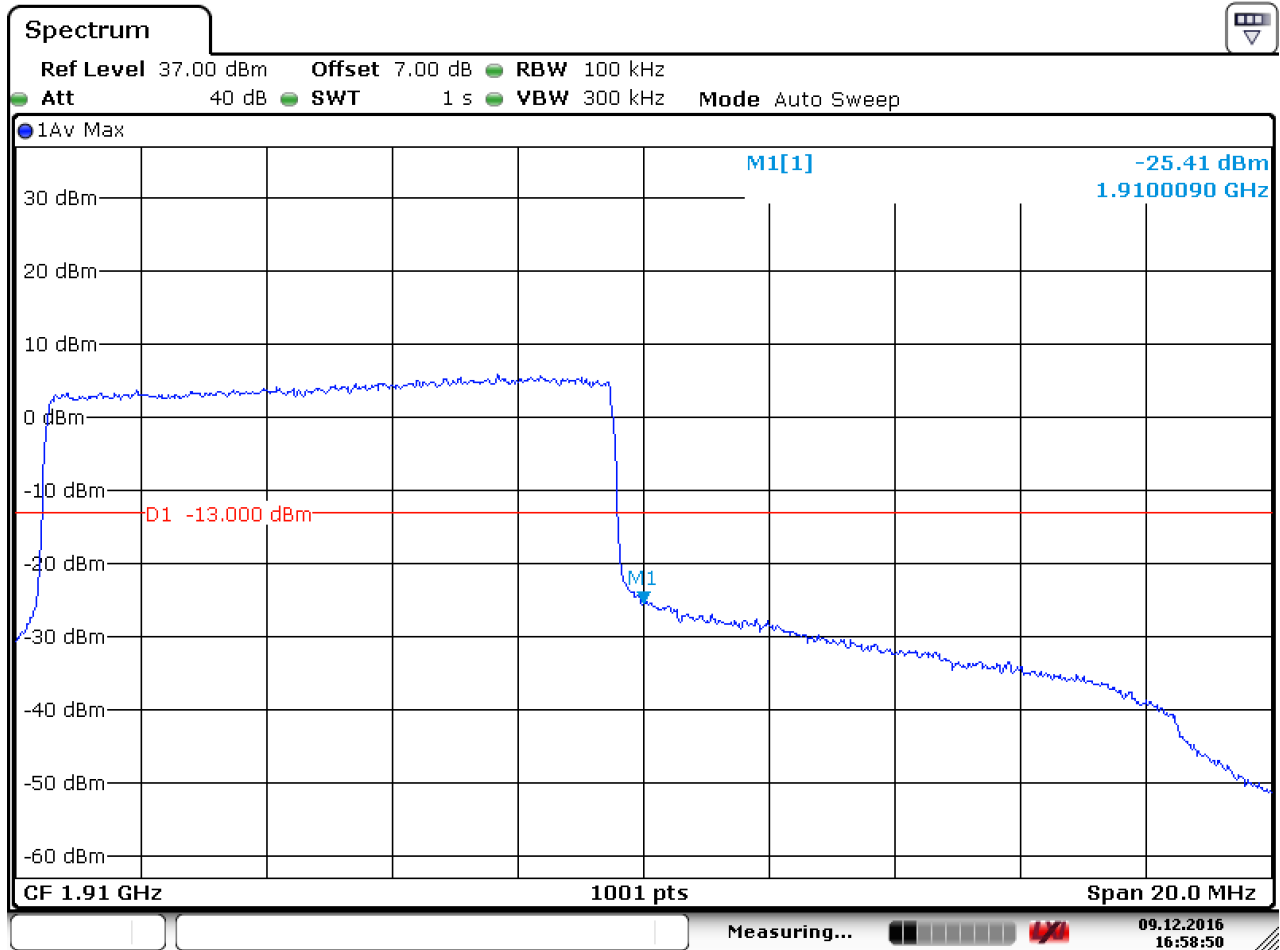


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5.1.1.8.2.2 Test RB=50RB



Date: 9.DEC.2016 16:58:51

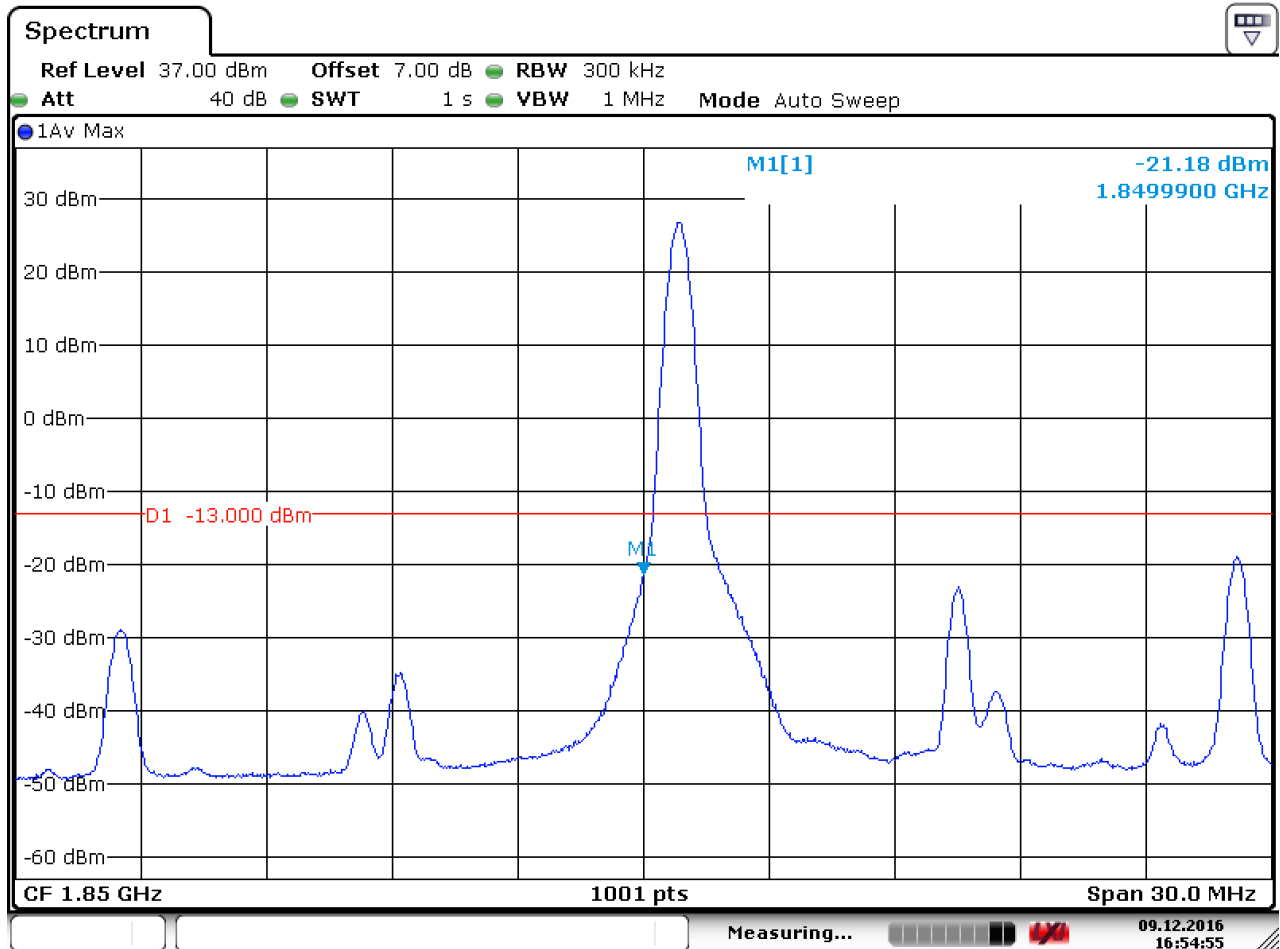
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5.1.1.9 Test Mode = LTE/TM1 15MHz

5.1.1.9.1 Test Channel = LCH

5.1.1.9.1.1 Test RB=1RB

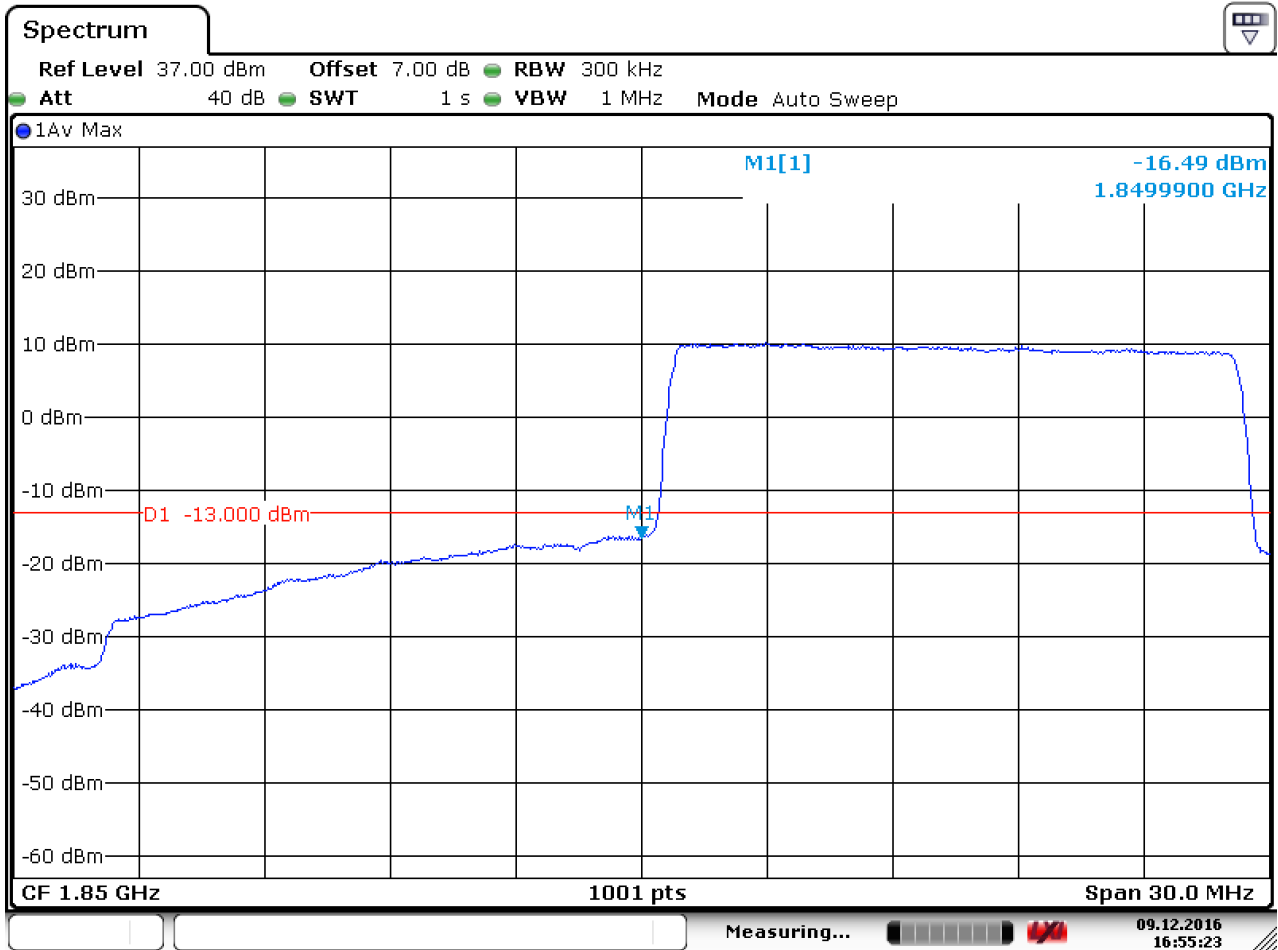


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5.1.1.9.1.2 Test RB=75RB



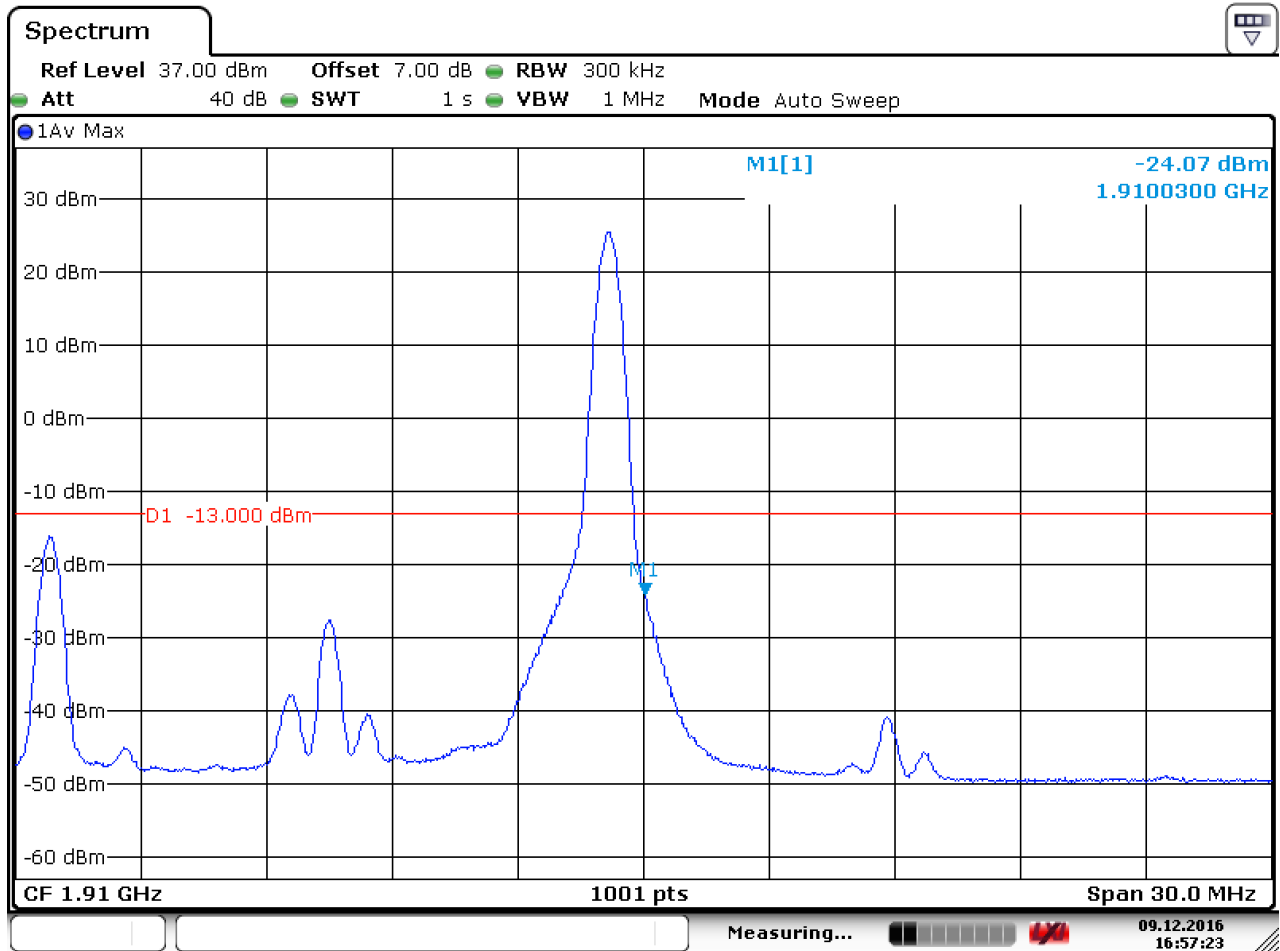
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5.1.1.9.2 Test Channel = HCH

5.1.1.9.2.1 Test RB=1RB

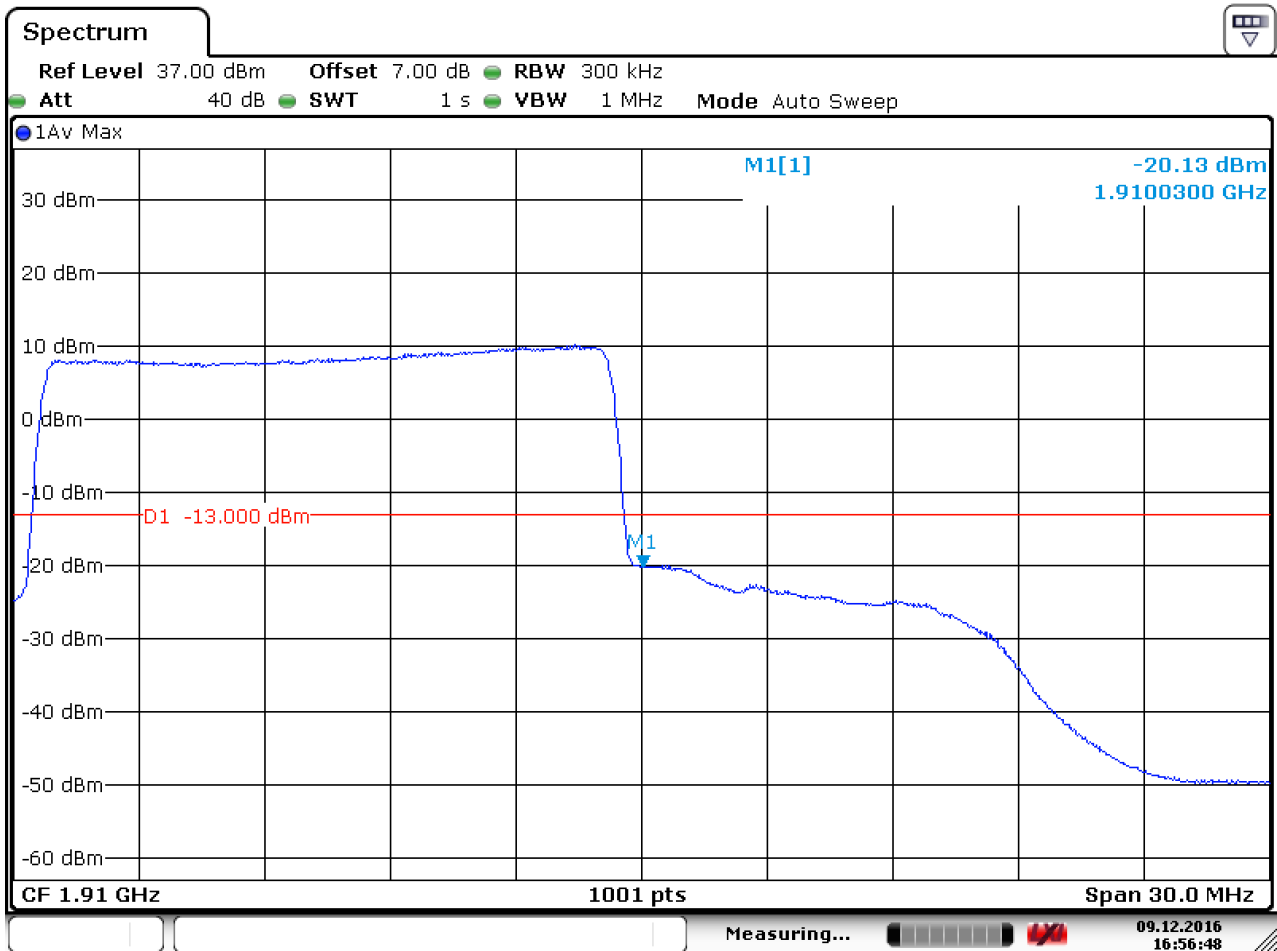


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5.1.1.9.2.2 Test RB=75RB



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