



Appendix B

Test Data for SZEM170700703401

CONTENT

	Page
1 EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA.....	3
2 PEAK-TO-AVERAGE RATIO	15
2.1 FOR LTE	16
2.1.1 <i>Test Band = LTE band2</i>	16
3 MODULATION CHARACTERISTICS	22
3.1 FOR LTE	22
3.1.1 <i>Test Band = LTE band2</i>	22
4 BANDWIDTH	34
4.1 FOR LTE	35
4.1.1 <i>Test Band = LTE band2</i>	35
5 BAND EDGES COMPLIANCE	71
5.1 FOR LTE	71
5.1.1 <i>Test Band = LTE band2</i>	71
6 SPURIOUS EMISSION AT ANTENNA TERMINAL.....	119
6.1 FOR LTE	119
6.1.1 <i>Test Band = LTE band2</i>	119
7 FIELD STRENGTH OF SPURIOUS RADIATION	173
7.1 FOR LTE	173
7.1.1 <i>Test Band = LTE band2</i>	173
8 FREQUENCY STABILITY	174
8.1 FREQUENCY ERROR VS. VOLTAGE	174
8.2 FREQUENCY ERROR VS. TEMPERATURE	175



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	22.87	22.87	33.00	PASS
				RB1#2	22.96	22.96	33.00	PASS
				RB1#5	22.86	22.86	33.00	PASS
				RB3#0	21.95	21.95	33.00	PASS
				RB3#2	21.94	21.94	33.00	PASS
				RB3#3	21.92	21.92	33.00	PASS
				RB6#0	21.98	21.98	33.00	PASS
			MCH	RB1#0	22.87	22.87	33.00	PASS
				RB1#2	22.97	22.97	33.00	PASS
				RB1#5	22.90	22.90	33.00	PASS
				RB3#0	21.97	21.97	33.00	PASS
				RB3#2	21.93	21.93	33.00	PASS
				RB3#3	21.95	21.95	33.00	PASS
				RB6#0	21.97	21.97	33.00	PASS
			HCH	RB1#0	22.85	22.85	33.00	PASS
				RB1#2	22.94	22.94	33.00	PASS
				RB1#5	22.84	22.84	33.00	PASS
				RB3#0	21.93	21.93	33.00	PASS
				RB3#2	21.91	21.91	33.00	PASS
				RB3#3	21.90	21.90	33.00	PASS
				RB6#0	21.98	21.98	33.00	PASS



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

Report No.: SZEM161201085001

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	22.08	22.08	33.00	PASS
				RB1#2	22.17	22.17	33.00	PASS
				RB1#5	22.09	22.09	33.00	PASS
				RB3#0	21.93	21.93	33.00	PASS
				RB3#2	21.89	21.89	33.00	PASS
				RB3#3	21.91	21.91	33.00	PASS
				RB6#0	20.99	20.99	33.00	PASS
			MCH	RB1#0	22.08	22.08	33.00	PASS
				RB1#2	22.18	22.18	33.00	PASS
				RB1#5	22.09	22.09	33.00	PASS
				RB3#0	21.95	21.95	33.00	PASS
				RB3#2	21.92	21.92	33.00	PASS
				RB3#3	21.95	21.95	33.00	PASS
				RB6#0	21.01	21.01	33.00	PASS
			HCH	RB1#0	22.01	22.01	33.00	PASS
				RB1#2	22.11	22.11	33.00	PASS
				RB1#5	22.00	22.00	33.00	PASS
				RB3#0	21.90	21.90	33.00	PASS
				RB3#2	21.87	21.87	33.00	PASS
				RB3#3	21.89	21.89	33.00	PASS
				RB6#0	20.95	20.95	33.00	PASS



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

Report No.: SZEM161201085001

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	22.88	22.88	33.00	PASS
				RB1#7	22.89	22.89	33.00	PASS
				RB1#14	22.83	22.83	33.00	PASS
				RB8#0	21.97	21.97	33.00	PASS
				RB8#4	21.95	21.95	33.00	PASS
				RB8#7	21.94	21.94	33.00	PASS
				RB15#0	21.96	21.96	33.00	PASS
			MCH	RB1#0	22.84	22.84	33.00	PASS
				RB1#7	22.89	22.89	33.00	PASS
				RB1#14	22.83	22.83	33.00	PASS
				RB8#0	21.99	21.99	33.00	PASS
				RB8#4	21.94	21.94	33.00	PASS
				RB8#7	21.96	21.96	33.00	PASS
				RB15#0	21.97	21.97	33.00	PASS
			HCH	RB1#0	22.83	22.83	33.00	PASS
				RB1#7	22.85	22.85	33.00	PASS
				RB1#14	22.80	22.80	33.00	PASS
				RB8#0	21.95	21.95	33.00	PASS
				RB8#4	21.94	21.94	33.00	PASS
				RB8#7	21.93	21.93	33.00	PASS
				RB15#0	21.95	21.95	33.00	PASS



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

Report No.: SZEM161201085001

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	21.98	21.98	33.00	PASS
				RB1#7	22.03	22.03	33.00	PASS
				RB1#14	21.94	21.94	33.00	PASS
				RB8#0	20.90	20.90	33.00	PASS
				RB8#4	20.89	20.89	33.00	PASS
				RB8#7	20.88	20.88	33.00	PASS
				RB15#0	20.85	20.85	33.00	PASS
			MCH	RB1#0	21.98	21.98	33.00	PASS
				RB1#7	22.07	22.07	33.00	PASS
				RB1#14	22.00	22.00	33.00	PASS
				RB8#0	20.94	20.94	33.00	PASS
				RB8#4	20.90	20.90	33.00	PASS
				RB8#7	20.92	20.92	33.00	PASS
				RB15#0	20.89	20.89	33.00	PASS
			HCH	RB1#0	21.98	21.98	33.00	PASS
				RB1#7	21.99	21.99	33.00	PASS
				RB1#14	21.93	21.93	33.00	PASS
				RB8#0	20.86	20.86	33.00	PASS
				RB8#4	20.85	20.85	33.00	PASS
				RB8#7	20.86	20.86	33.00	PASS
				RB15#0	20.82	20.82	33.00	PASS



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

Report No.: SZEM161201085001

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	22.81	22.81	33.00	PASS
				RB1#13	22.80	22.80	33.00	PASS
				RB1#24	22.70	22.70	33.00	PASS
				RB12#0	21.89	21.89	33.00	PASS
				RB12#6	21.87	21.87	33.00	PASS
				RB12#13	21.84	21.84	33.00	PASS
				RB25#0	21.85	21.85	33.00	PASS
			MCH	RB1#0	22.82	22.82	33.00	PASS
				RB1#13	22.82	22.82	33.00	PASS
				RB1#24	22.72	22.72	33.00	PASS
				RB12#0	21.91	21.91	33.00	PASS
				RB12#6	21.87	21.87	33.00	PASS
				RB12#13	21.88	21.88	33.00	PASS
				RB25#0	21.85	21.85	33.00	PASS
			HCH	RB1#0	22.78	22.78	33.00	PASS
				RB1#13	22.78	22.78	33.00	PASS
				RB1#24	22.69	22.69	33.00	PASS
				RB12#0	21.87	21.87	33.00	PASS
				RB12#6	21.86	21.86	33.00	PASS
				RB12#13	21.83	21.83	33.00	PASS
				RB25#0	21.84	21.84	33.00	PASS



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

Report No.: SZEM161201085001

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	22.13	22.13	33.00	PASS
				RB1#13	22.12	22.12	33.00	PASS
				RB1#24	22.04	22.04	33.00	PASS
				RB12#0	20.96	20.96	33.00	PASS
				RB12#6	20.94	20.94	33.00	PASS
				RB12#13	20.90	20.90	33.00	PASS
				RB25#0	20.91	20.91	33.00	PASS
			MCH	RB1#0	22.15	22.15	33.00	PASS
				RB1#13	22.13	22.13	33.00	PASS
				RB1#24	22.04	22.04	33.00	PASS
				RB12#0	20.96	20.96	33.00	PASS
				RB12#6	20.92	20.92	33.00	PASS
				RB12#13	20.93	20.93	33.00	PASS
				RB25#0	20.89	20.89	33.00	PASS
			HCH	RB1#0	22.08	22.08	33.00	PASS
				RB1#13	22.04	22.04	33.00	PASS
				RB1#24	21.97	21.97	33.00	PASS
				RB12#0	20.88	20.88	33.00	PASS
				RB12#6	20.89	20.89	33.00	PASS
				RB12#13	20.86	20.86	33.00	PASS
				RB25#0	20.86	20.86	33.00	PASS



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

Report No.: SZEM161201085001

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	22.83	22.83	33.00	PASS
				RB1#25	22.75	22.75	33.00	PASS
				RB1#49	22.72	22.72	33.00	PASS
				RB25#0	21.82	21.82	33.00	PASS
				RB25#13	21.79	21.79	33.00	PASS
				RB25#25	21.77	21.77	33.00	PASS
				RB50#0	21.84	21.84	33.00	PASS
			MCH	RB1#0	22.79	22.79	33.00	PASS
				RB1#25	22.74	22.74	33.00	PASS
				RB1#49	22.71	22.71	33.00	PASS
				RB25#0	21.82	21.82	33.00	PASS
				RB25#13	21.79	21.79	33.00	PASS
				RB25#25	21.77	21.77	33.00	PASS
				RB50#0	21.81	21.81	33.00	PASS
			HCH	RB1#0	22.75	22.75	33.00	PASS
				RB1#25	22.71	22.71	33.00	PASS
				RB1#49	22.66	22.66	33.00	PASS
				RB25#0	21.80	21.80	33.00	PASS
				RB25#13	21.78	21.78	33.00	PASS
				RB25#25	21.75	21.75	33.00	PASS
				RB50#0	21.79	21.79	33.00	PASS



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

Report No.: SZEM161201085001

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	22.08	22.08	33.00	PASS
				RB1#25	21.99	21.99	33.00	PASS
				RB1#49	21.99	21.99	33.00	PASS
				RB25#0	20.82	20.82	33.00	PASS
				RB25#13	20.79	20.79	33.00	PASS
				RB25#25	20.79	20.79	33.00	PASS
				RB50#0	20.82	20.82	33.00	PASS
			MCH	RB1#0	22.05	22.05	33.00	PASS
				RB1#25	21.98	21.98	33.00	PASS
				RB1#49	21.94	21.94	33.00	PASS
				RB25#0	20.83	20.83	33.00	PASS
				RB25#13	20.81	20.81	33.00	PASS
				RB25#25	20.78	20.78	33.00	PASS
				RB50#0	20.81	20.81	33.00	PASS
			HCH	RB1#0	21.99	21.99	33.00	PASS
				RB1#25	21.95	21.95	33.00	PASS
				RB1#49	21.89	21.89	33.00	PASS
				RB25#0	20.80	20.80	33.00	PASS
				RB25#13	20.78	20.78	33.00	PASS
				RB25#25	20.75	20.75	33.00	PASS
				RB50#0	20.79	20.79	33.00	PASS



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

Report No.: SZEM161201085001

Page: 11 of 177

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
BAND2	LTE/TM1	15M	LCH	RB1#0	22.90	22.90	33.00	PASS
				RB1#38	22.82	22.82	33.00	PASS
				RB1#74	22.78	22.78	33.00	PASS
				RB36#0	21.93	21.93	33.00	PASS
				RB36#18	21.87	21.87	33.00	PASS
				RB36#39	21.84	21.84	33.00	PASS
				RB75#0	21.88	21.88	33.00	PASS
			MCH	RB1#0	22.88	22.88	33.00	PASS
				RB1#38	22.81	22.81	33.00	PASS
				RB1#74	22.80	22.80	33.00	PASS
				RB36#0	21.92	21.92	33.00	PASS
				RB36#18	21.87	21.87	33.00	PASS
				RB36#39	21.86	21.86	33.00	PASS
				RB75#0	21.88	21.88	33.00	PASS
			HCH	RB1#0	22.82	22.82	33.00	PASS
				RB1#38	22.75	22.75	33.00	PASS
				RB1#74	22.73	22.73	33.00	PASS
				RB36#0	21.88	21.88	33.00	PASS
				RB36#18	21.86	21.86	33.00	PASS
				RB36#39	21.83	21.83	33.00	PASS
				RB75#0	21.86	21.86	33.00	PASS



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

Report No.: SZEM161201085001

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	22.15	22.15	33.00	PASS
				RB1#38	22.08	22.08	33.00	PASS
				RB1#74	22.04	22.04	33.00	PASS
				RB36#0	20.93	20.93	33.00	PASS
				RB36#18	20.90	20.90	33.00	PASS
				RB36#39	20.85	20.85	33.00	PASS
				RB75#0	20.91	20.91	33.00	PASS
			MCH	RB1#0	22.15	22.15	33.00	PASS
				RB1#38	22.06	22.06	33.00	PASS
				RB1#74	22.08	22.08	33.00	PASS
				RB36#0	20.93	20.93	33.00	PASS
				RB36#18	20.89	20.89	33.00	PASS
				RB36#39	20.88	20.88	33.00	PASS
				RB75#0	20.89	20.89	33.00	PASS
			HCH	RB1#0	22.10	22.10	33.00	PASS
				RB1#38	22.02	22.02	33.00	PASS
				RB1#74	21.98	21.98	33.00	PASS
				RB36#0	20.85	20.85	33.00	PASS
				RB36#18	20.84	20.84	33.00	PASS
				RB36#39	20.83	20.83	33.00	PASS
				RB75#0	20.82	20.82	33.00	PASS



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

Report No.: SZEM161201085001

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	22.91	22.91	33.00	PASS
				RB1#50	22.79	22.79	33.00	PASS
				RB1#99	22.83	22.83	33.00	PASS
				RB50#0	21.78	21.78	33.00	PASS
				RB50#25	21.75	21.75	33.00	PASS
				RB50#50	21.72	21.72	33.00	PASS
				RB100#0	21.75	21.75	33.00	PASS
			MCH	RB1#0	22.89	22.89	33.00	PASS
				RB1#50	22.79	22.79	33.00	PASS
				RB1#99	22.86	22.86	33.00	PASS
				RB50#0	21.81	21.81	33.00	PASS
				RB50#25	21.77	21.77	33.00	PASS
				RB50#50	21.76	21.76	33.00	PASS
				RB100#0	21.77	21.77	33.00	PASS
			HCH	RB1#0	22.88	22.88	33.00	PASS
				RB1#50	22.85	22.85	33.00	PASS
				RB1#99	22.78	22.78	33.00	PASS
				RB50#0	21.82	21.82	33.00	PASS
				RB50#25	21.74	21.74	33.00	PASS
				RB50#50	21.76	21.76	33.00	PASS
				RB100#0	21.77	21.77	33.00	PASS



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

Report No.: SZEM161201085001
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	22.38	22.38	33.00	PASS
				RB1#50	22.31	22.31	33.00	PASS
				RB1#99	22.23	22.23	33.00	PASS
				RB50#0	20.84	20.84	33.00	PASS
				RB50#25	20.77	20.77	33.00	PASS
				RB50#50	20.76	20.76	33.00	PASS
				RB100#0	20.84	20.84	33.00	PASS
			MCH	RB1#0	22.23	22.23	33.00	PASS
				RB1#50	22.22	22.22	33.00	PASS
				RB1#99	22.28	22.28	33.00	PASS
				RB50#0	20.82	20.82	33.00	PASS
				RB50#25	20.83	20.83	33.00	PASS
				RB50#50	20.83	20.83	33.00	PASS
				RB100#0	20.80	20.80	33.00	PASS
			HCH	RB1#0	22.21	22.21	33.00	PASS
				RB1#50	22.12	22.12	33.00	PASS
				RB1#99	22.13	22.13	33.00	PASS
				RB50#0	20.83	20.83	33.00	PASS
				RB50#25	20.82	20.82	33.00	PASS
				RB50#50	20.81	20.81	33.00	PASS
				RB100#0	20.81	20.81	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



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	4.75	13	PASS
		MCH	4.96	13	PASS
		HCH	5.04	13	PASS
	TM2/20M	LCH	5.74	13	PASS
		MCH	5.88	13	PASS
		HCH	5.94	13	PASS

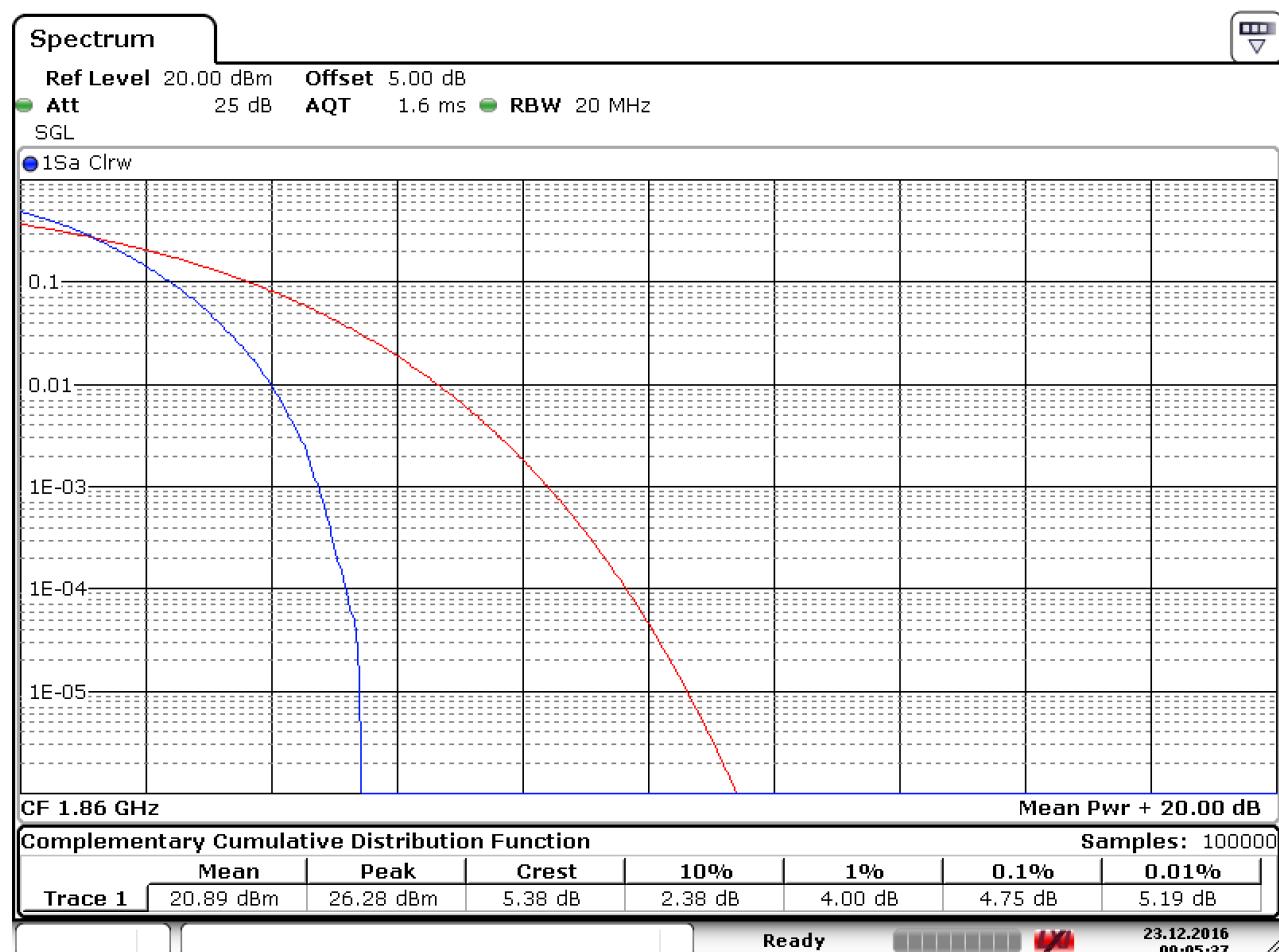
Part II - Test Plots

2.1 For LTE

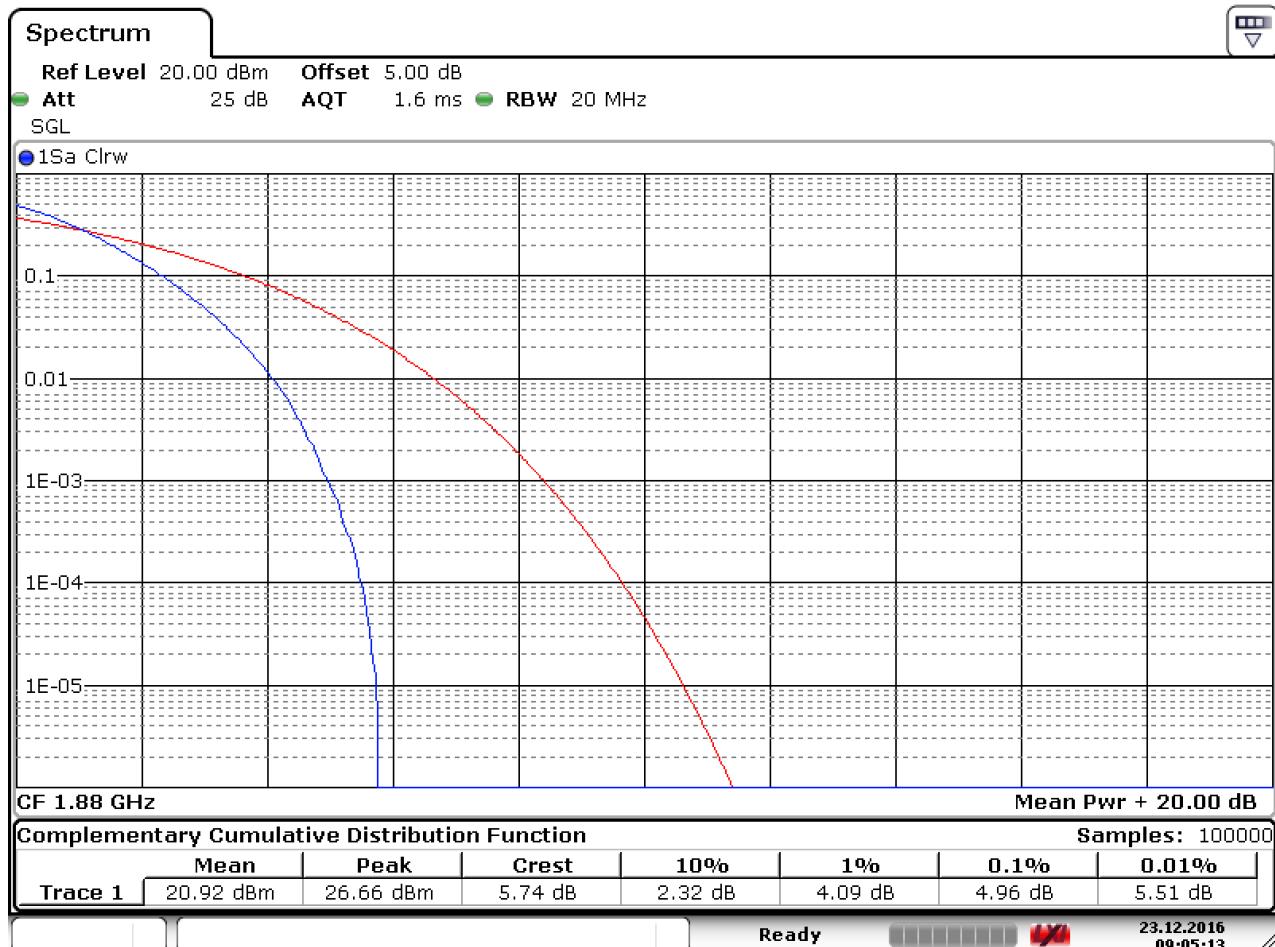
2.1.1 Test Band = LTE band2

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

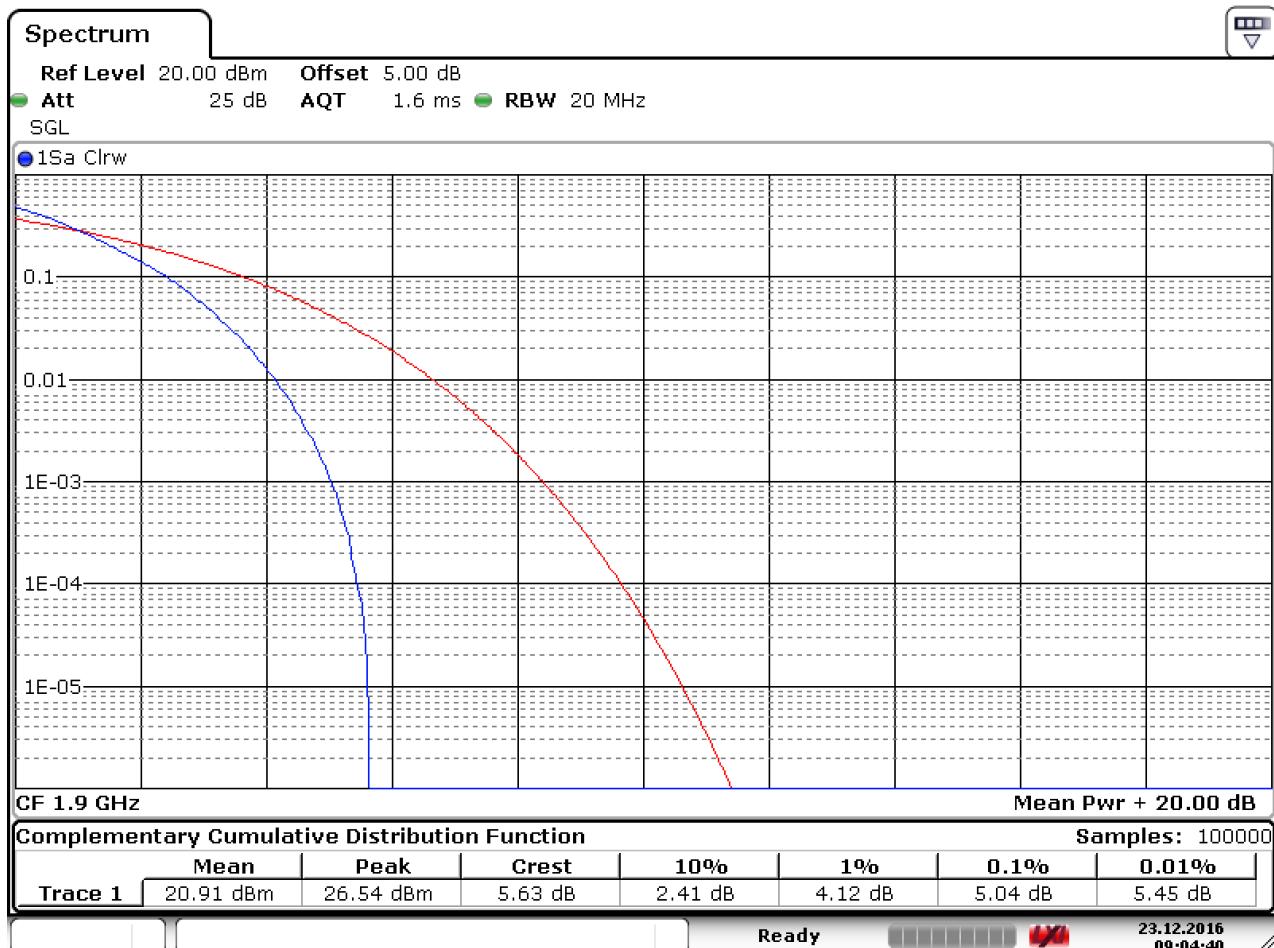
2.1.1.1.1 Test Channel = LCH



Date: 23.DEC.2016 09:05:38

2.1.1.1.2 Test Channel = MCH

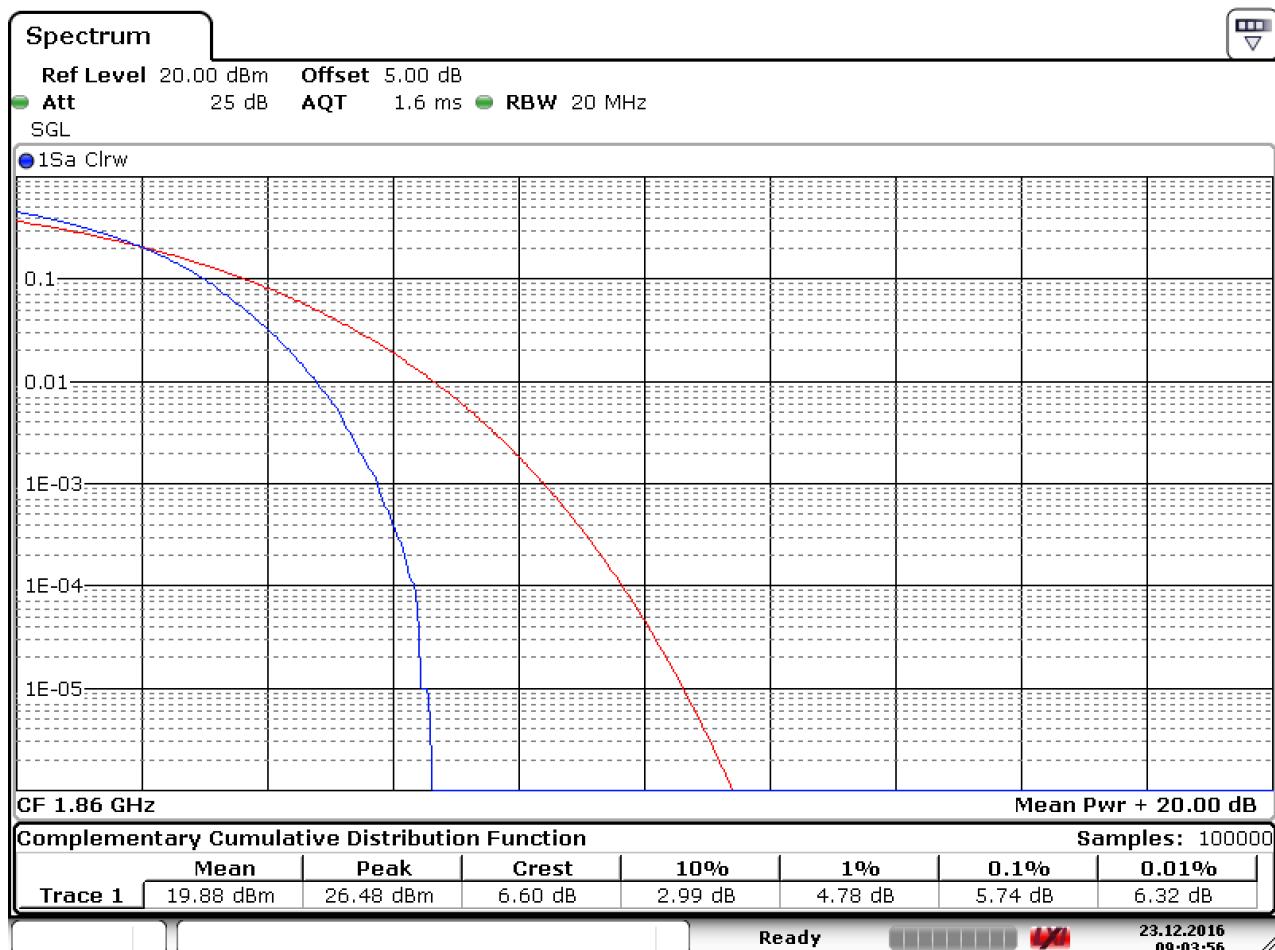
Date: 23.DEC.2016 09:05:14

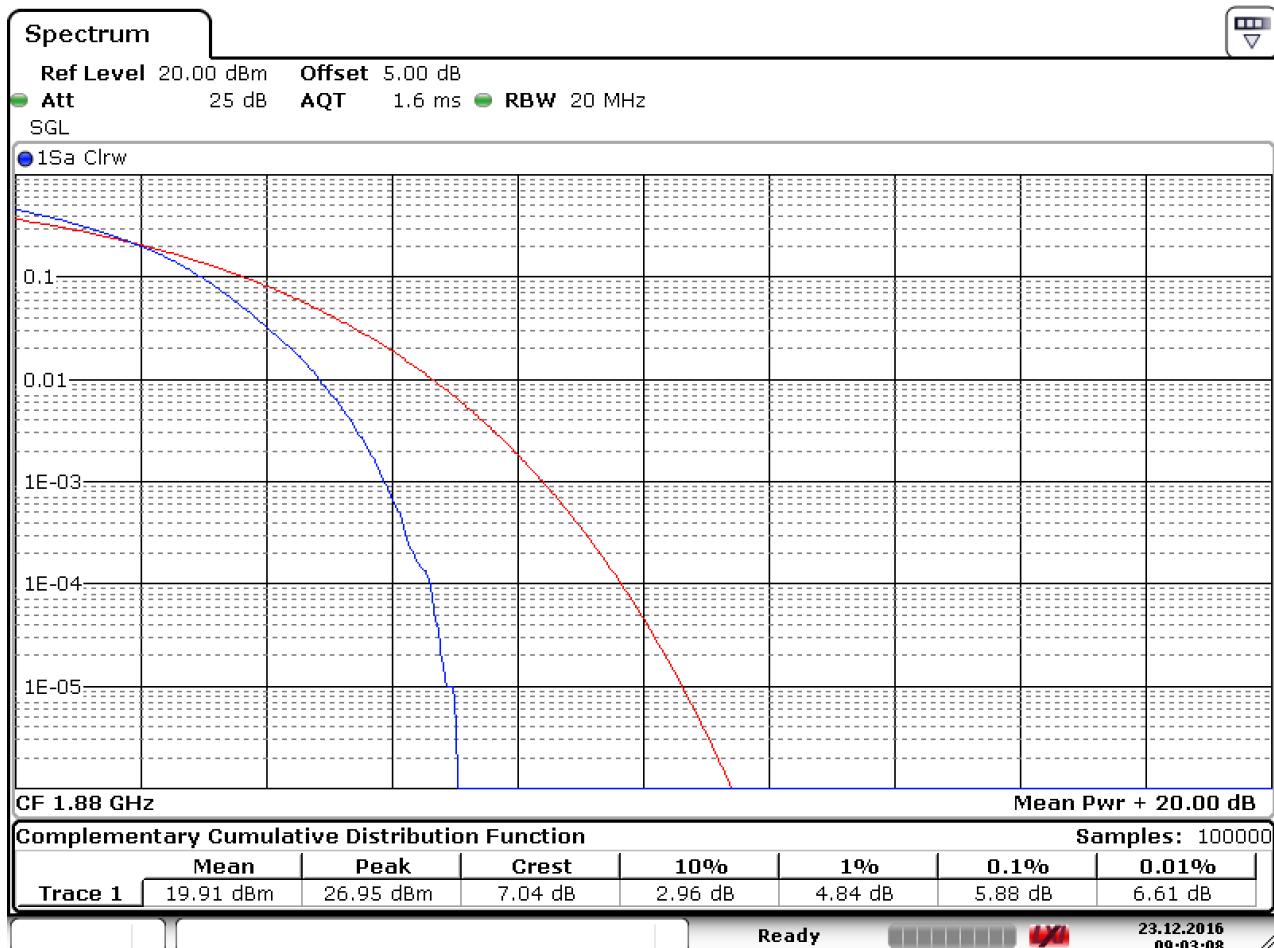
2.1.1.1.3 Test Channel = HCH

Date: 23.DEC.2016 09:04:40

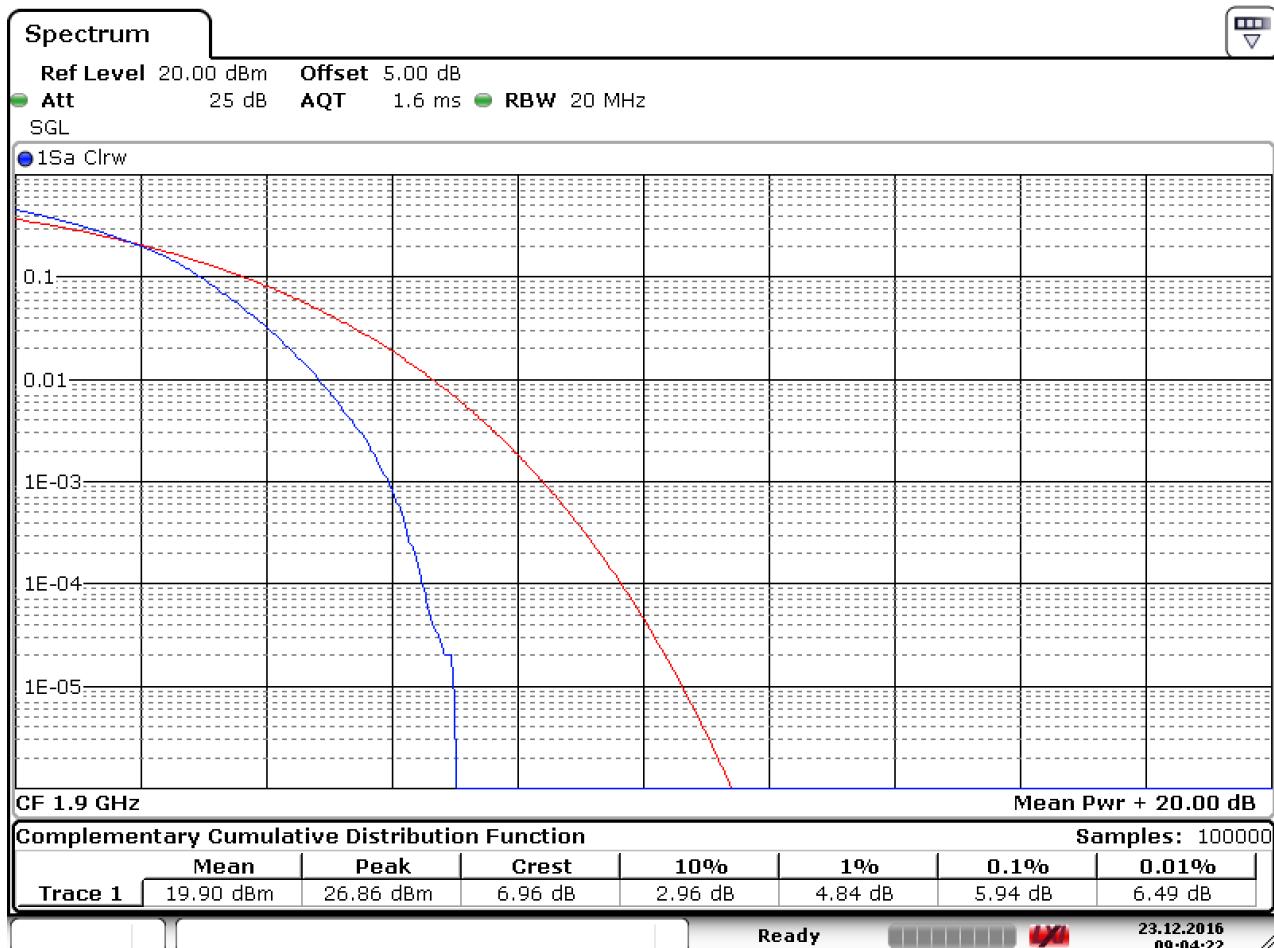
2.1.1.2 Test Mode = LTE/TM2.Bandwidth=20MHz

2.1.1.2.1 Test Channel = LCH



2.1.1.2.2 Test Channel = MCH

Date: 23.DEC.2016 09:03:08

2.1.1.2.3 Test Channel = HCH

Date: 23.DEC.2016 09:04:22

3 Modulation Characteristics

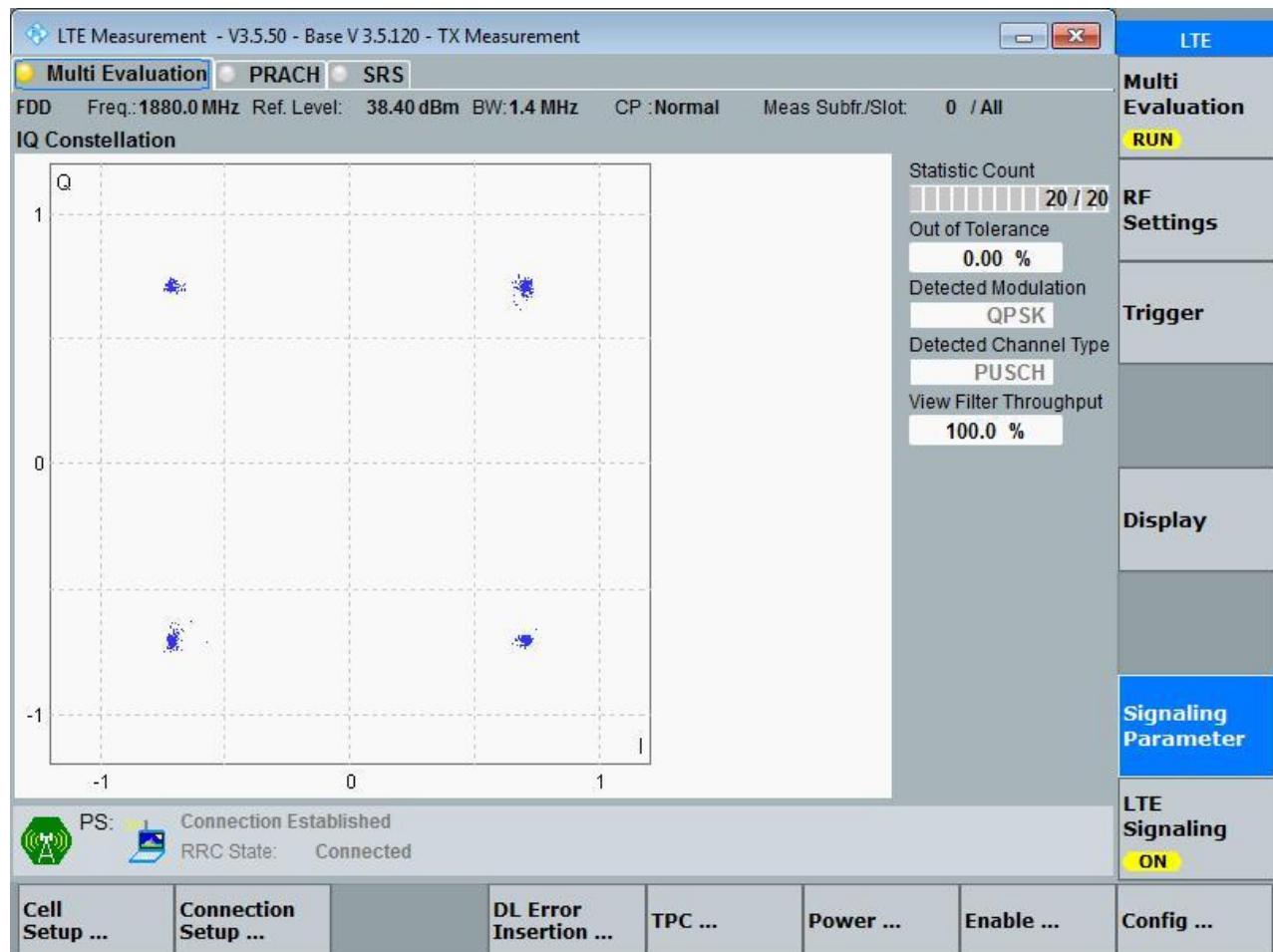
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE band2

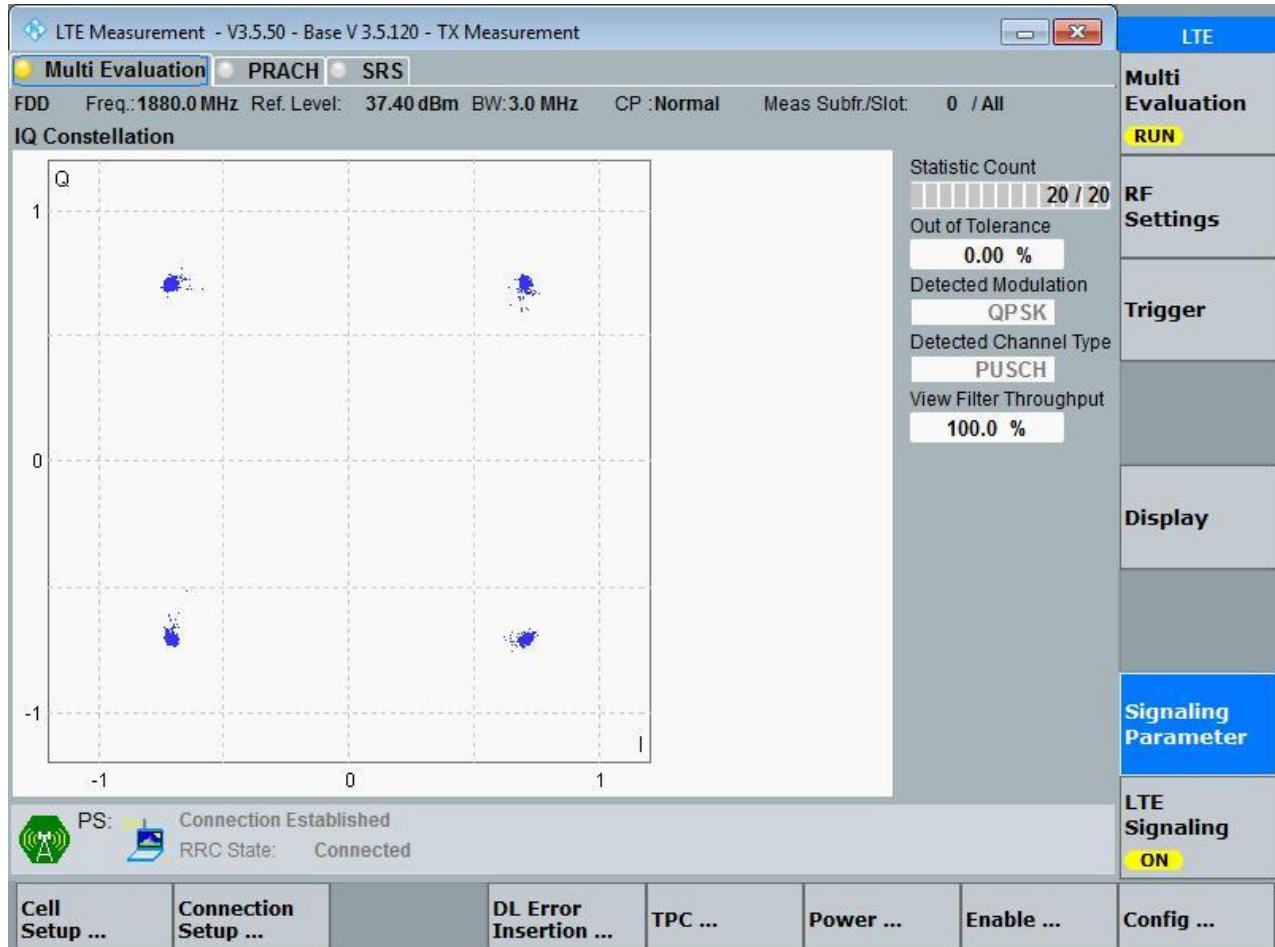
3.1.1.1 Test Mode = LTE /TM1 1.4MHz

3.1.1.1.1 Test Channel = MCH



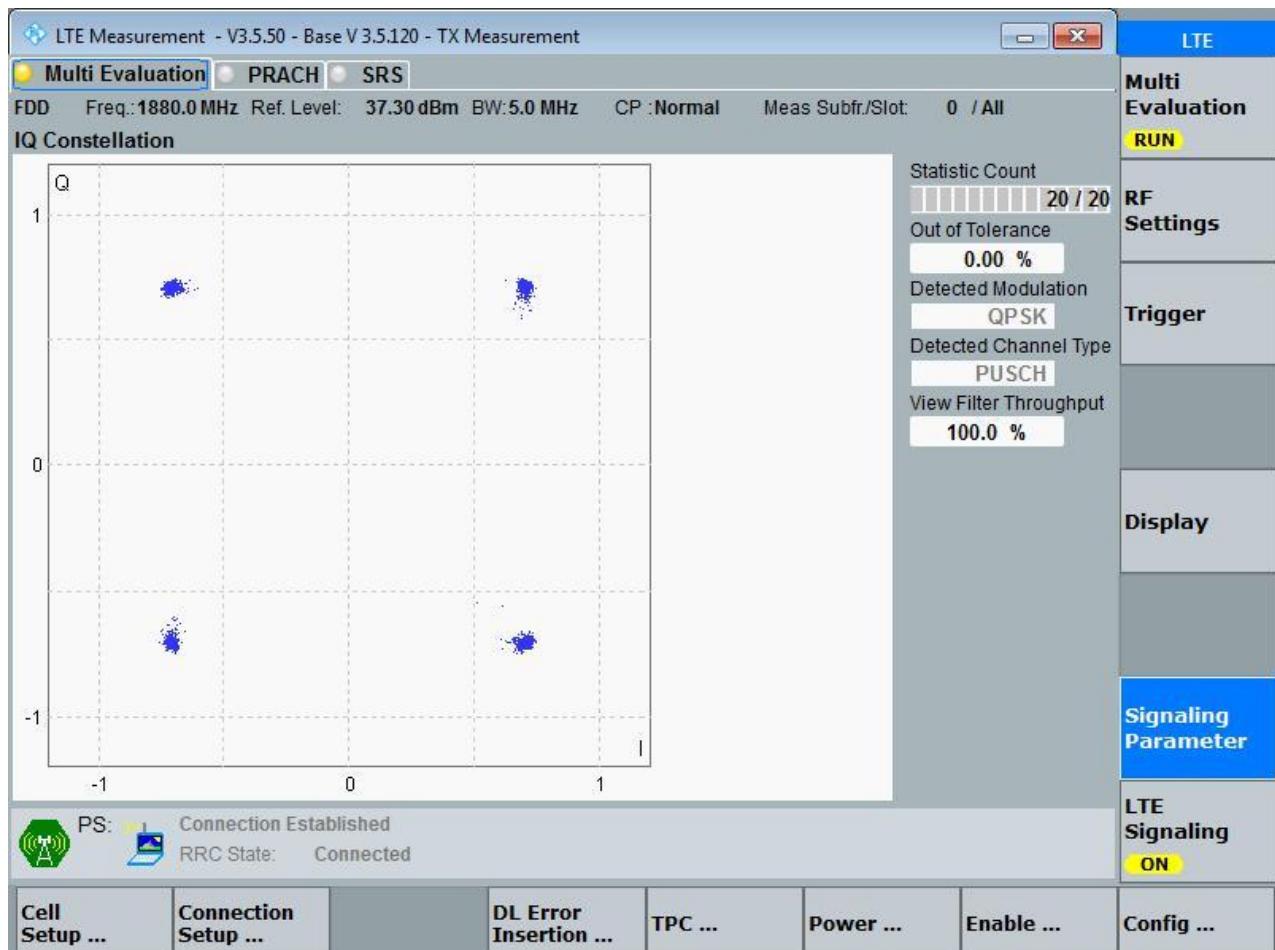
3.1.1.2 Test Mode = LTE /TM1 3MHz

3.1.1.2.1 Test Channel = MCH



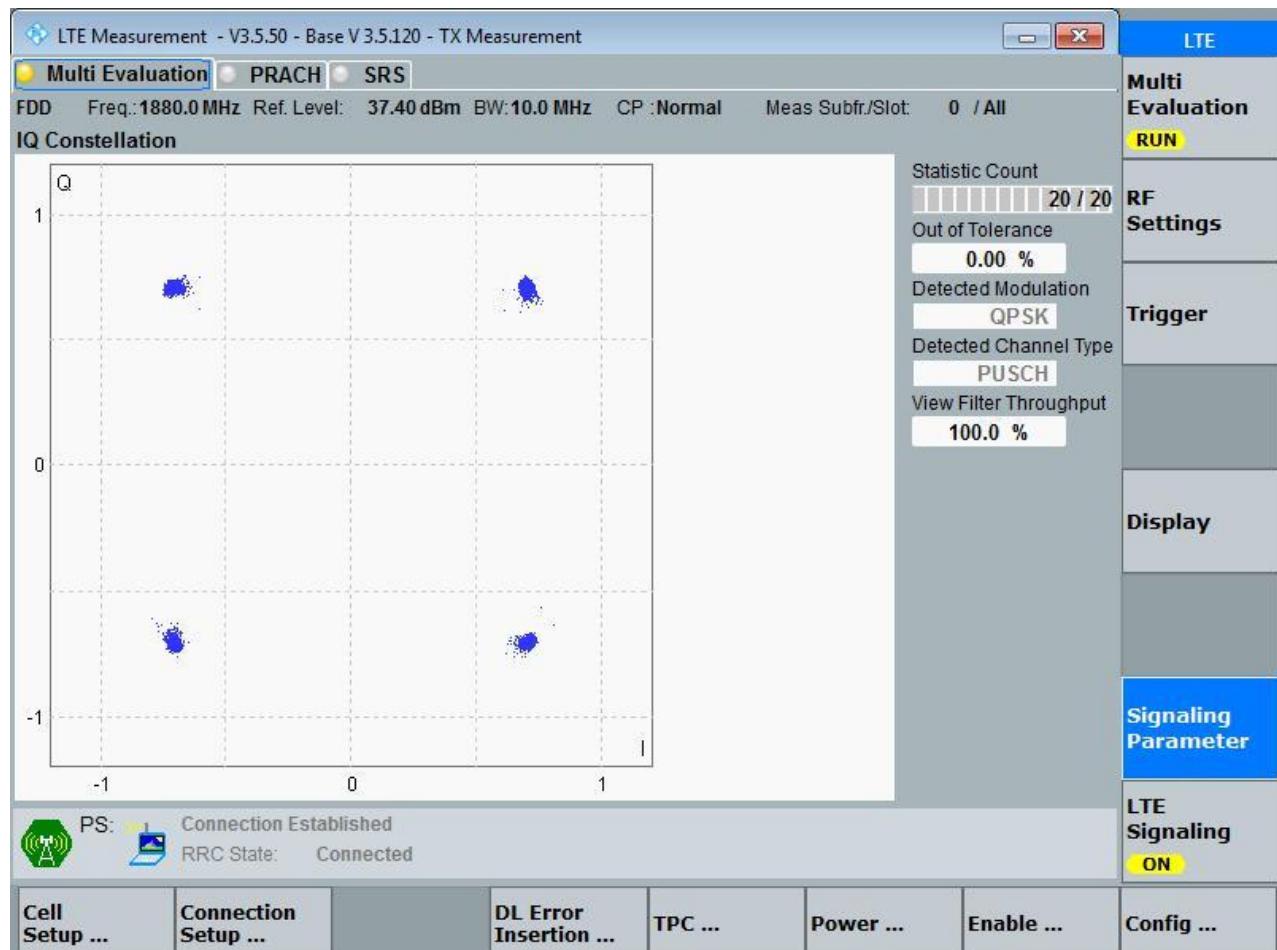
3.1.1.3 Test Mode = LTE /TM1 5MHz

3.1.1.3.1 Test Channel = MCH



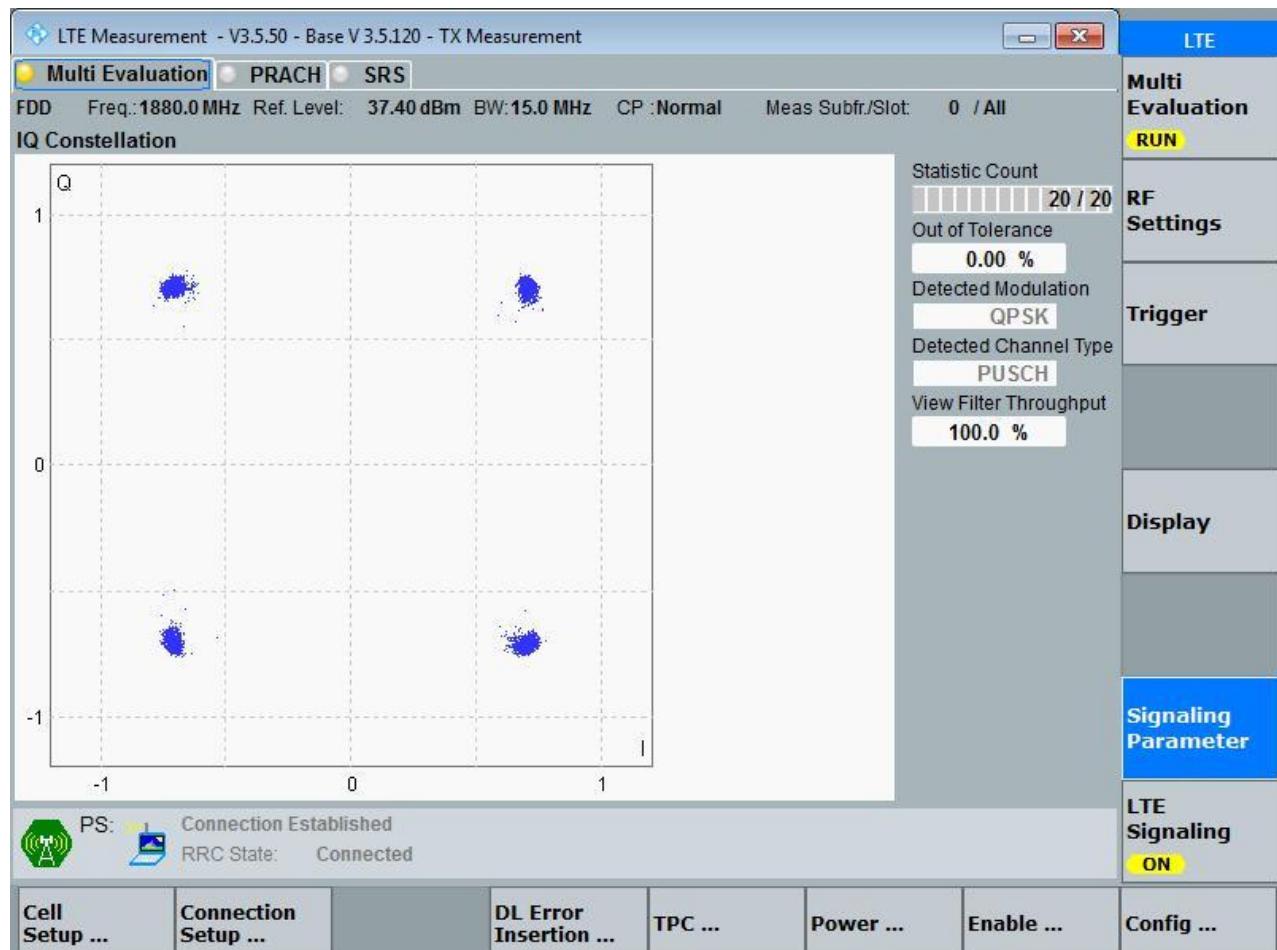
3.1.1.4 Test Mode = LTE /TM1 10MHz

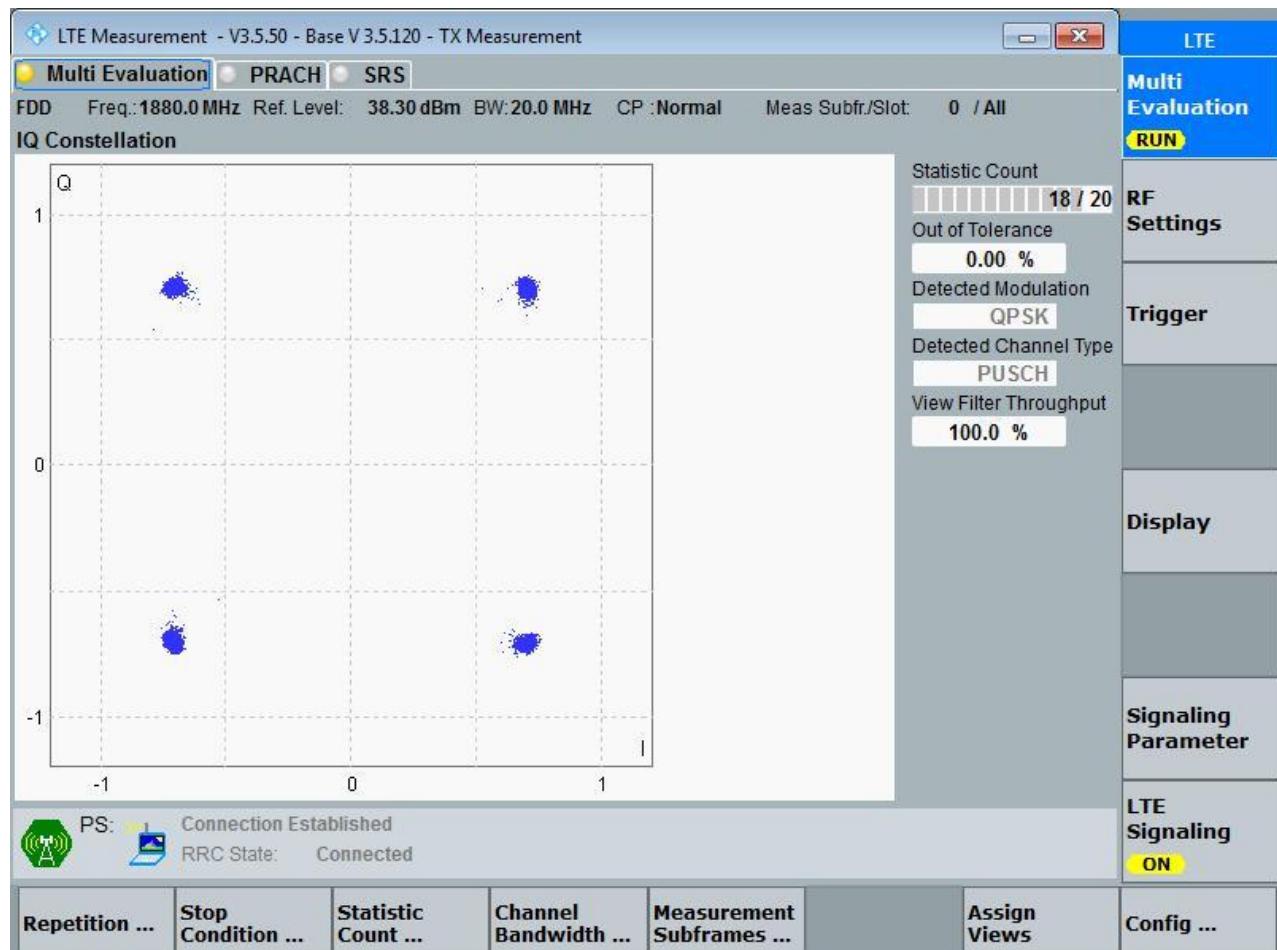
3.1.1.4.1 Test Channel = MCH



3.1.1.5 Test Mode = LTE /TM1 15MHz

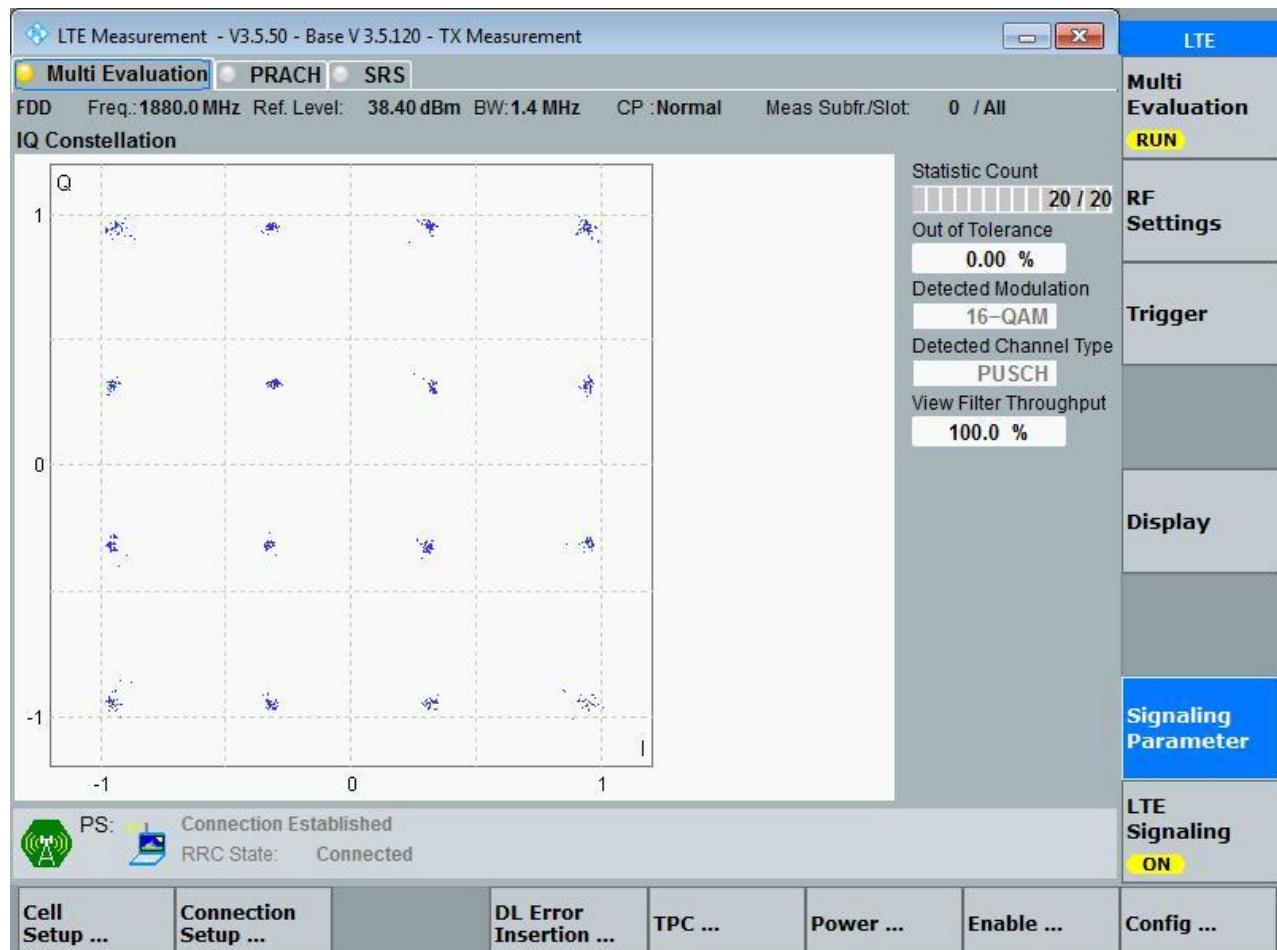
3.1.1.5.1 Test Channel = MCH



3.1.1.6 Test Mode = LTE /TM1 20MHz**3.1.1.6.1 Test Channel = MCH**

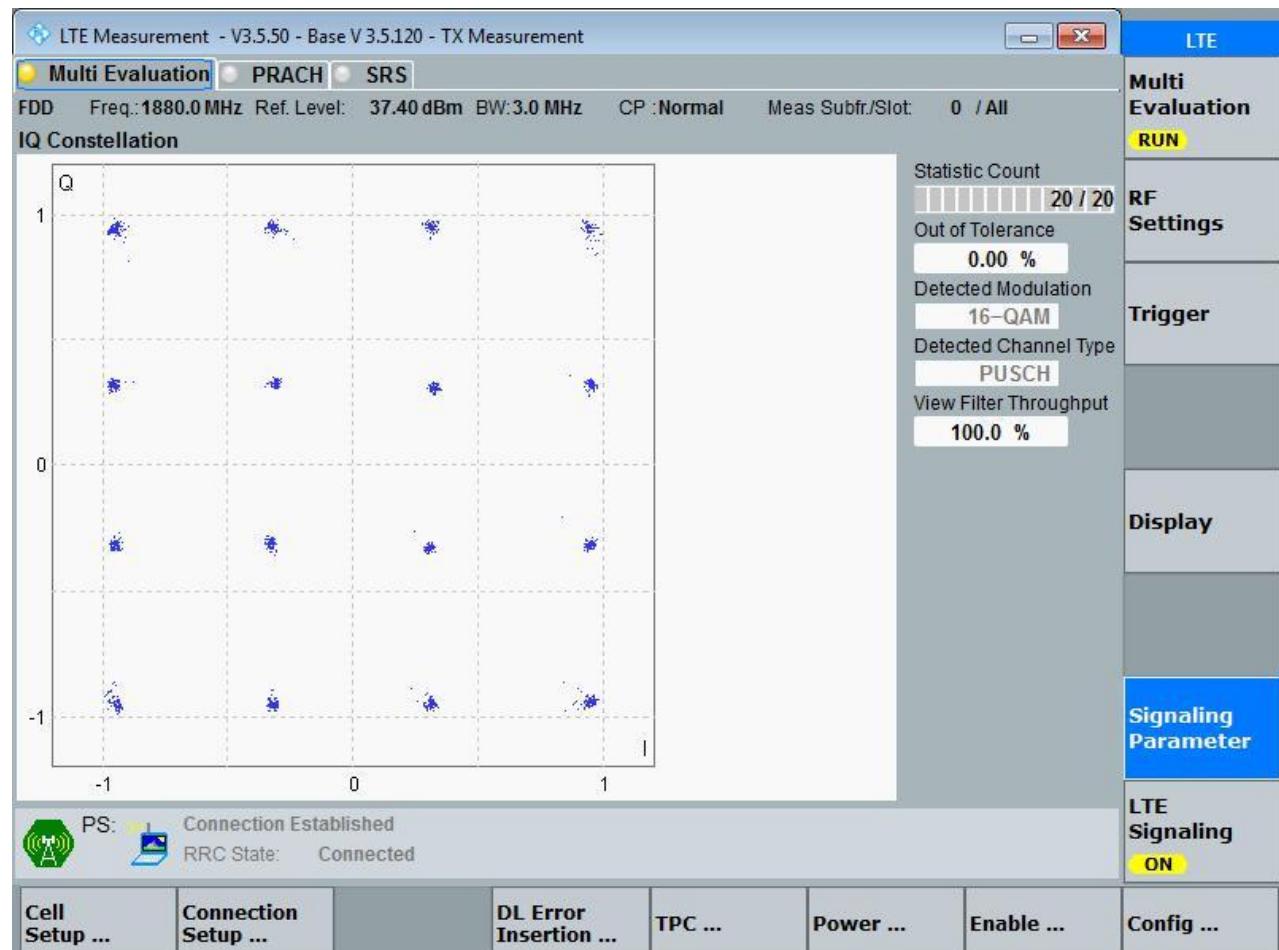
3.1.1.7 Test Mode = LTE /TM2 1.4MHz

3.1.1.7.1 Test Channel = MCH



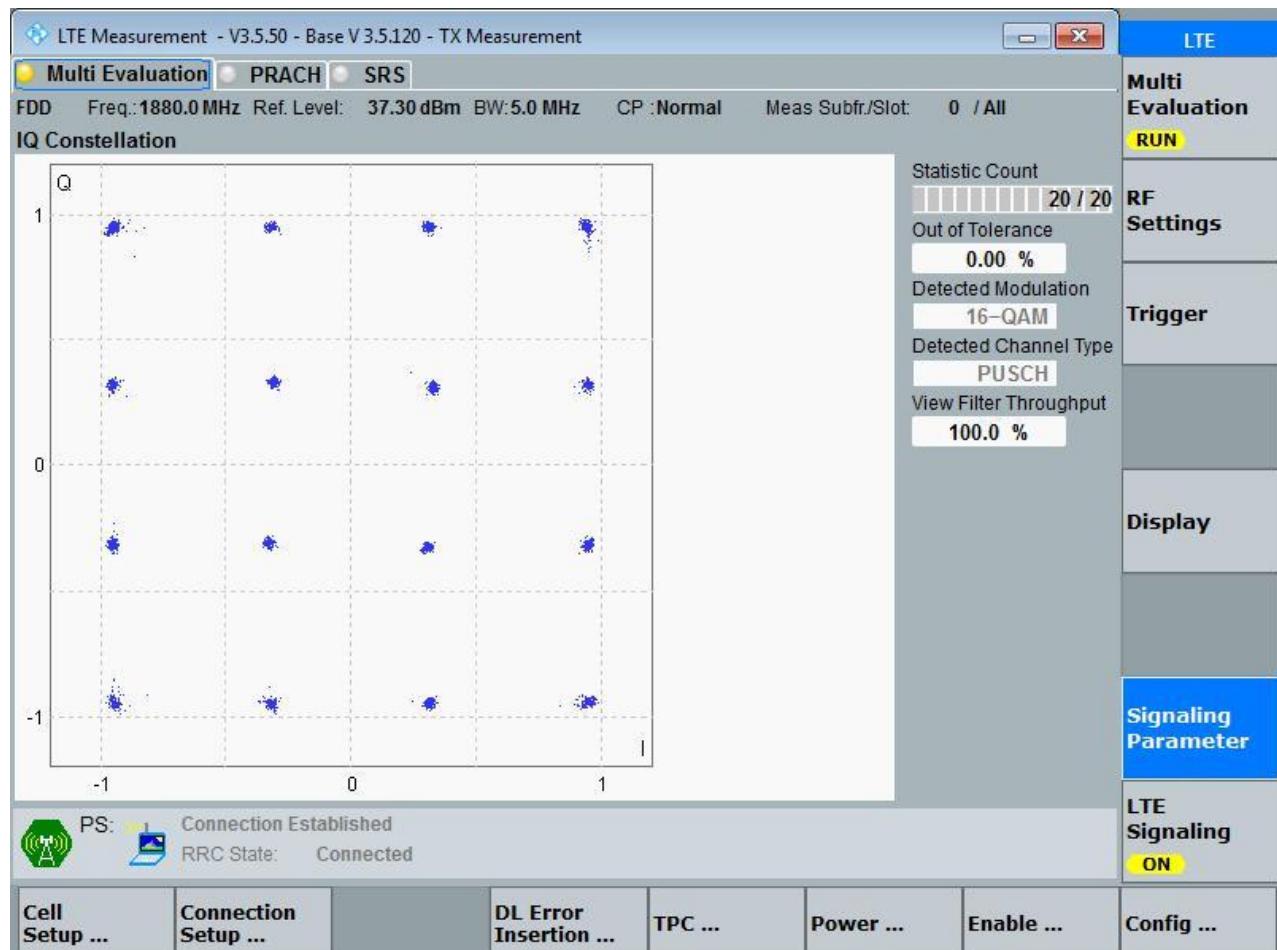
3.1.1.8 Test Mode = LTE /TM2 3MHz

3.1.1.8.1 Test Channel = MCH



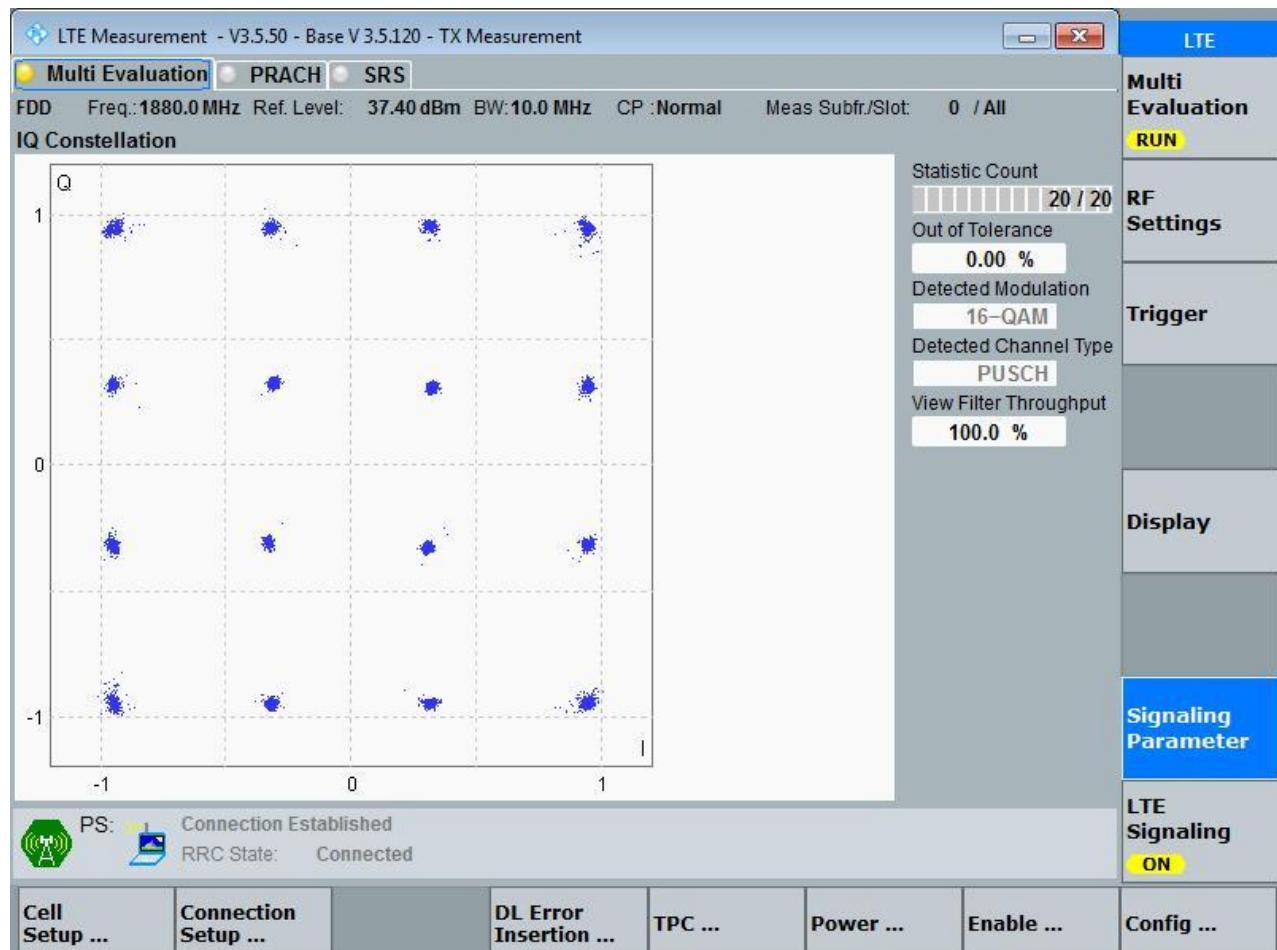
3.1.1.9 Test Mode = LTE /TM2 5MHz

3.1.1.9.1 Test Channel = MCH



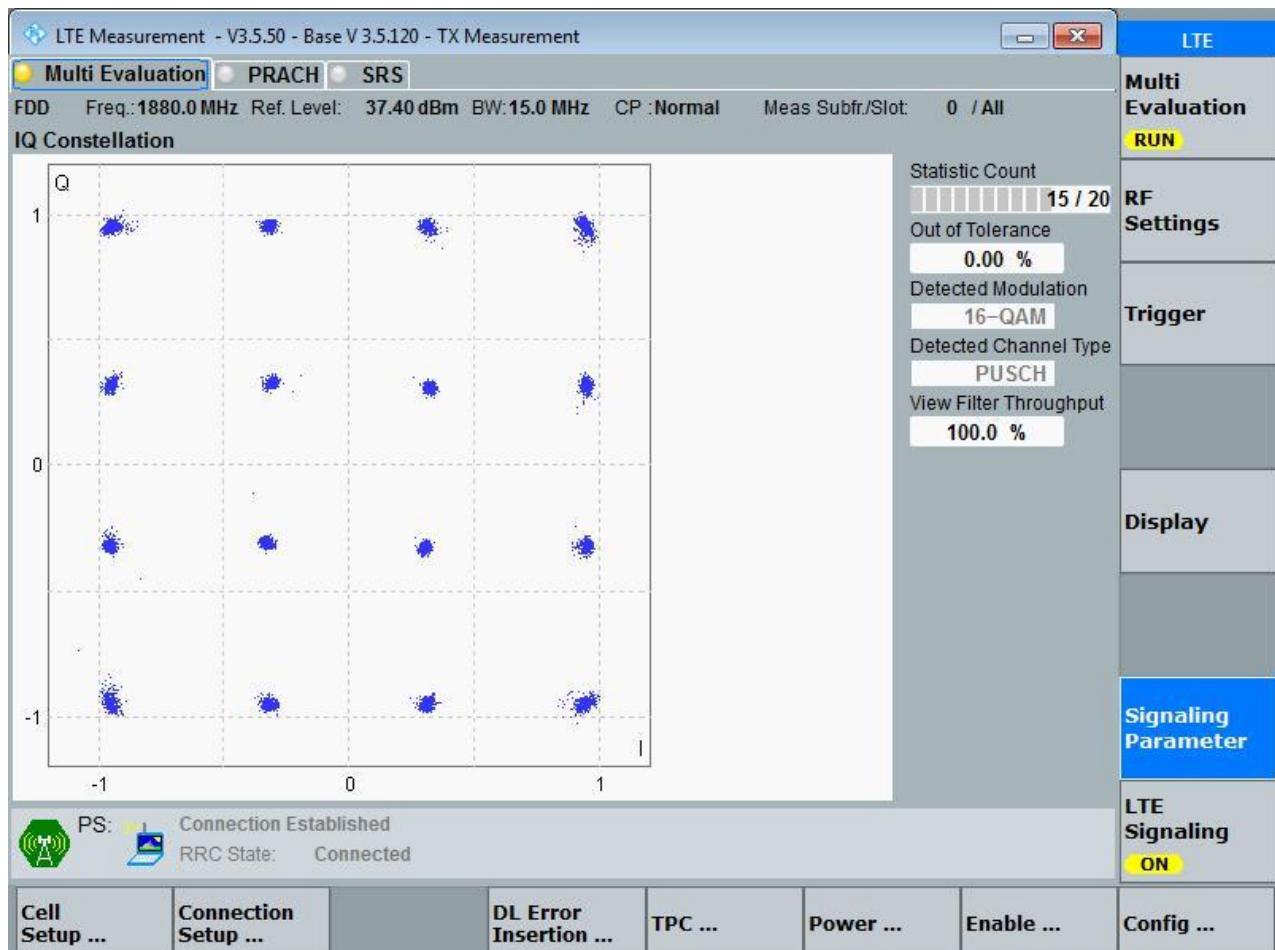
3.1.1.10 Test Mode = LTE /TM2 10MHz

3.1.1.10.1 Test Channel = MCH



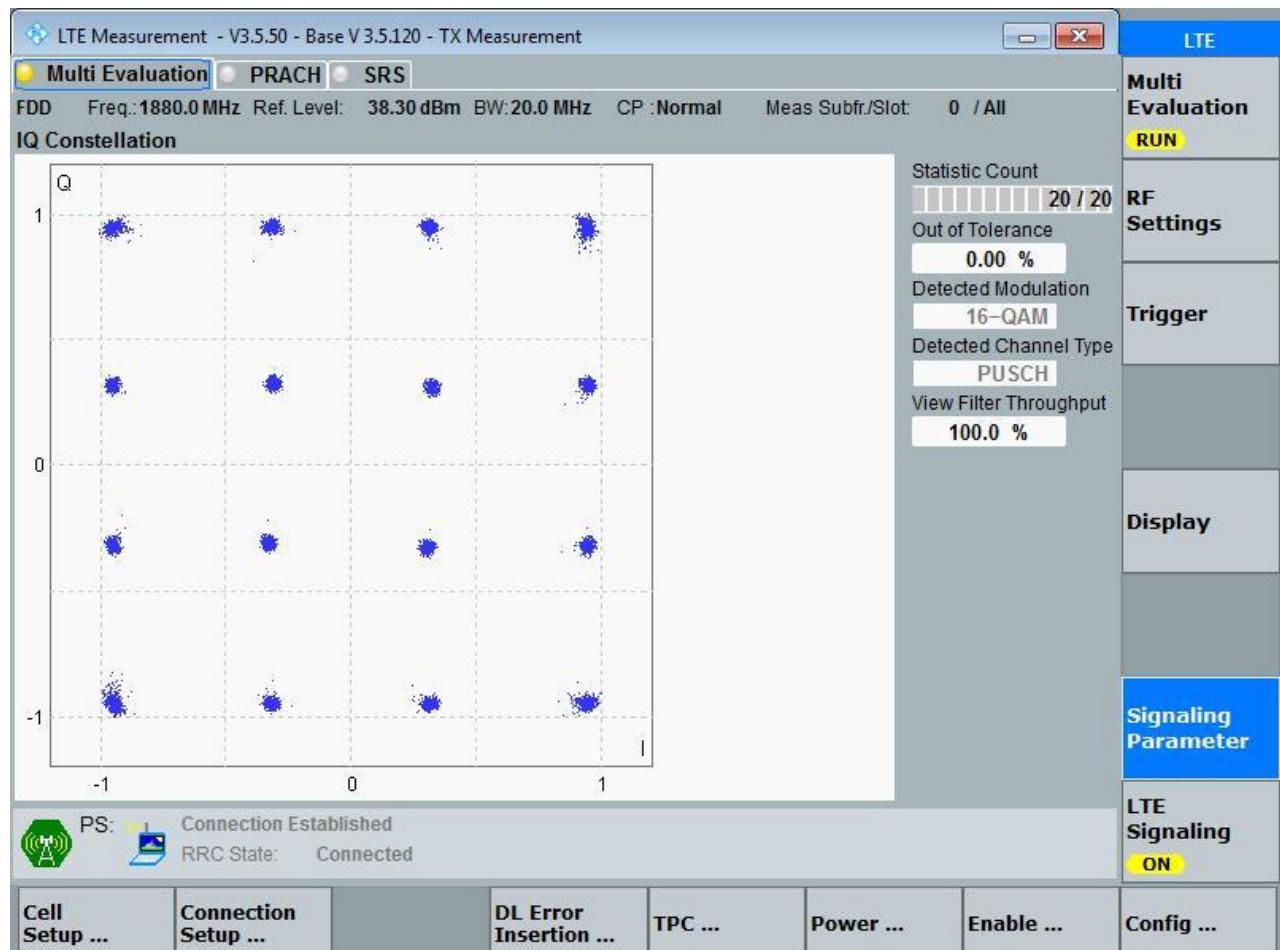
3.1.1.11 Test Mode = LTE /TM2 15MHz

3.1.1.11.1 Test Channel = MCH



3.1.1.12 Test Mode = LTE /TM2 20MHz

3.1.1.12.1 Test Channel = MCH



4 Bandwidth

Part I - Test Results

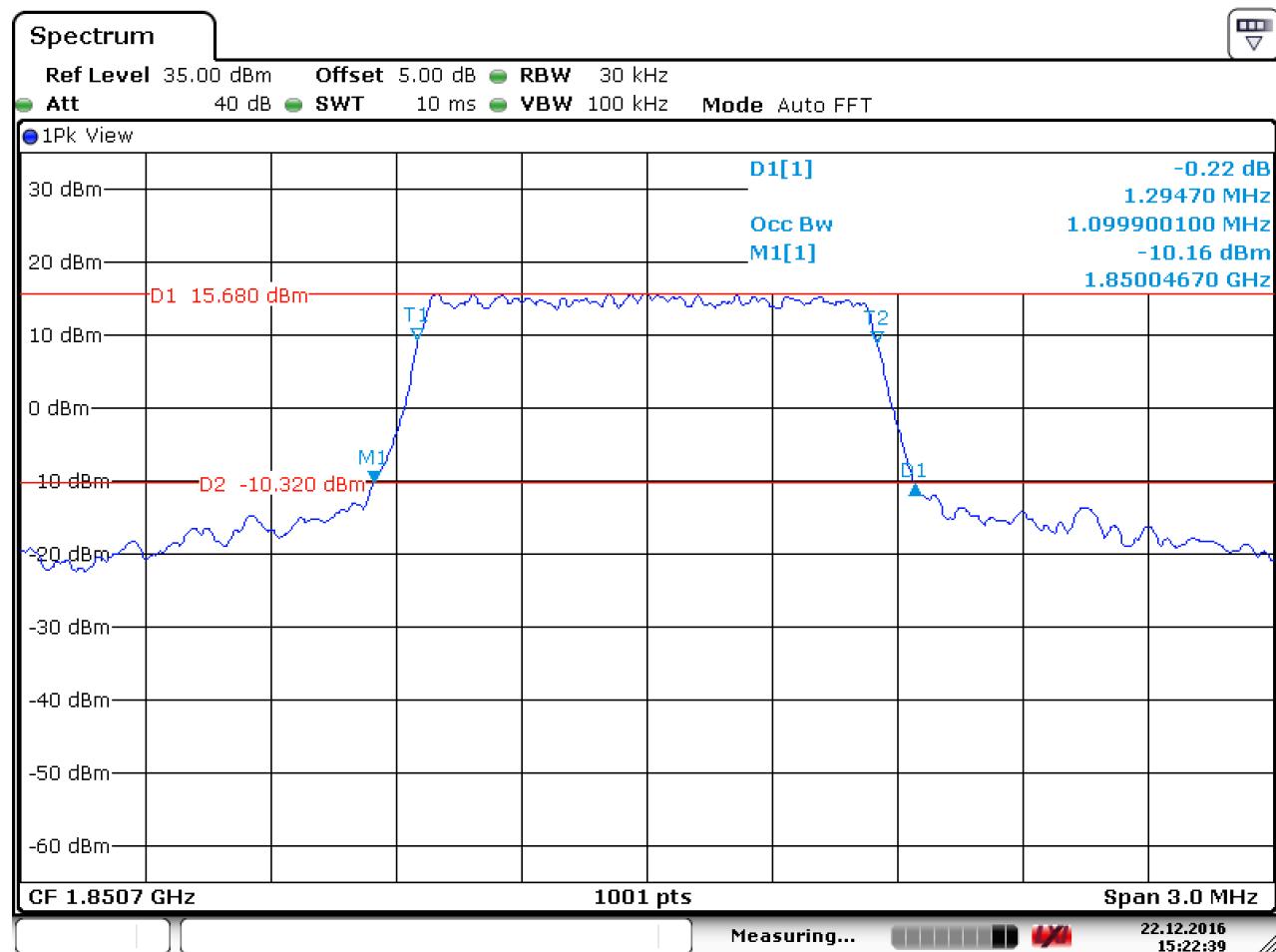
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band 2	TM1/1.4MHz	LCH	1.10	1.29	PASS
		MCH	1.09	1.27	PASS
		HCH	1.10	1.27	PASS
	TM2/1.4MHz	LCH	1.09	1.27	PASS
		MCH	1.10	1.28	PASS
		HCH	1.10	1.28	PASS
	TM1/ 3MHz	LCH	2.69	2.91	PASS
		MCH	2.69	2.91	PASS
		HCH	2.69	2.92	PASS
	TM2/3MHz	LCH	2.69	2.92	PASS
		MCH	2.69	2.93	PASS
		HCH	2.69	2.92	PASS
	TM1/ 5MHz	LCH	4.50	4.99	PASS
		MCH	4.49	4.99	PASS
		HCH	4.49	4.99	PASS
	TM2/ 5MHz	LCH	4.49	5.00	PASS
		MCH	4.49	4.93	PASS
		HCH	4.49	4.99	PASS
	TM1/10MHz	LCH	8.91	9.65	PASS
		MCH	8.97	9.83	PASS
		HCH	8.95	9.79	PASS
	TM2/ 10MHz	LCH	8.95	9.69	PASS
		MCH	8.93	9.63	PASS
		HCH	8.95	9.77	PASS
	TM1/ 15MHz	LCH	13.46	14.84	PASS
		MCH	13.52	14.96	PASS
		HCH	13.52	15.05	PASS
	TM2/ 15MHz	LCH	13.46	14.84	PASS
		MCH	13.52	14.96	PASS
		HCH	13.55	14.96	PASS
	TM1/ 20MHz	LCH	17.90	19.38	PASS
		MCH	17.94	19.42	PASS
		HCH	18.02	19.70	PASS
	TM2/ 20MHz	LCH	17.94	19.58	PASS
		MCH	17.94	19.50	PASS
		HCH	18.02	19.70	PASS

4.1 For LTE

4.1.1 Test Band = LTE band2

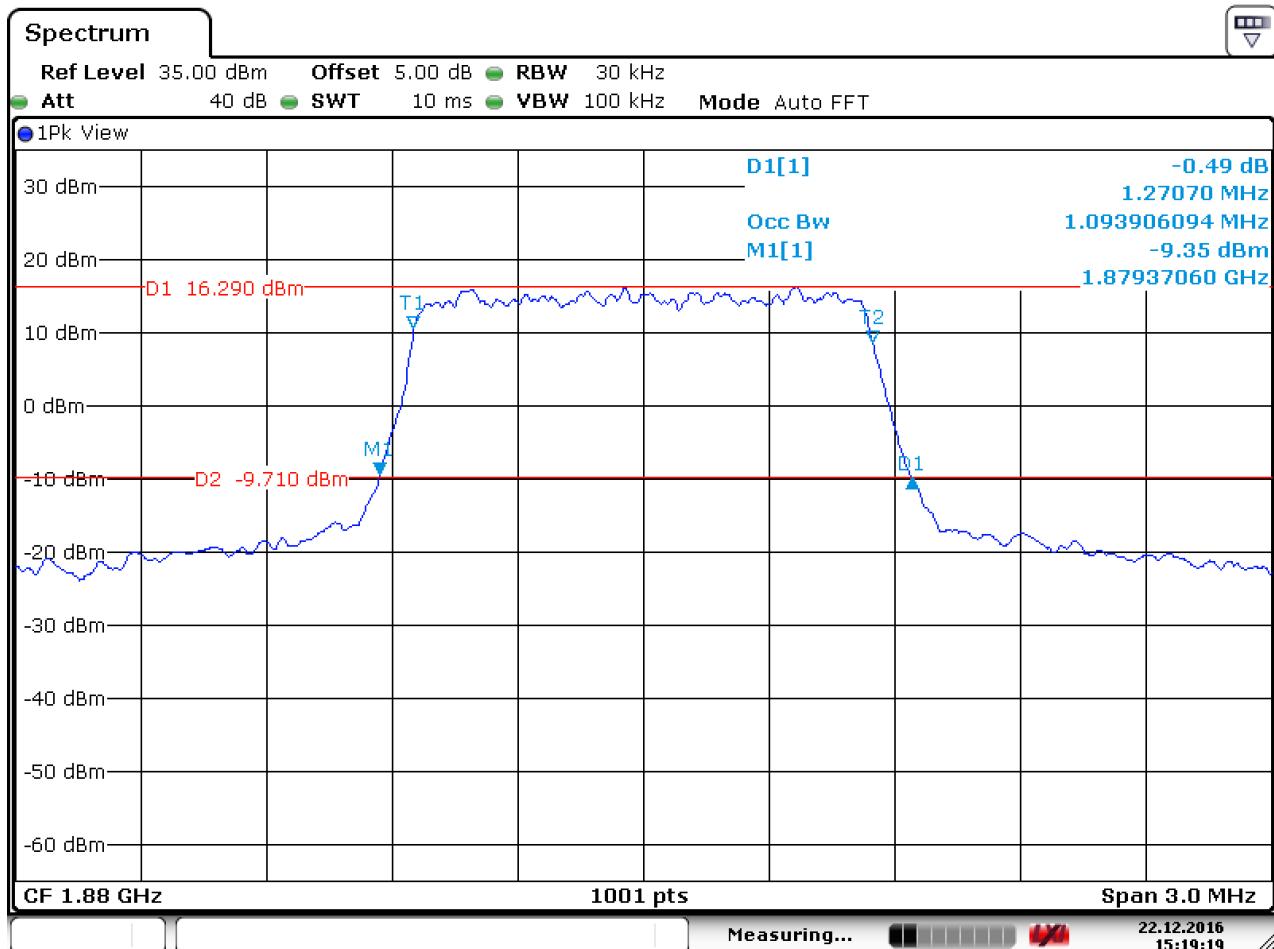
4.1.1.1 Test Mode = LTE/TM1 1.4MHz

4.1.1.1.1 Test Channel = LCH

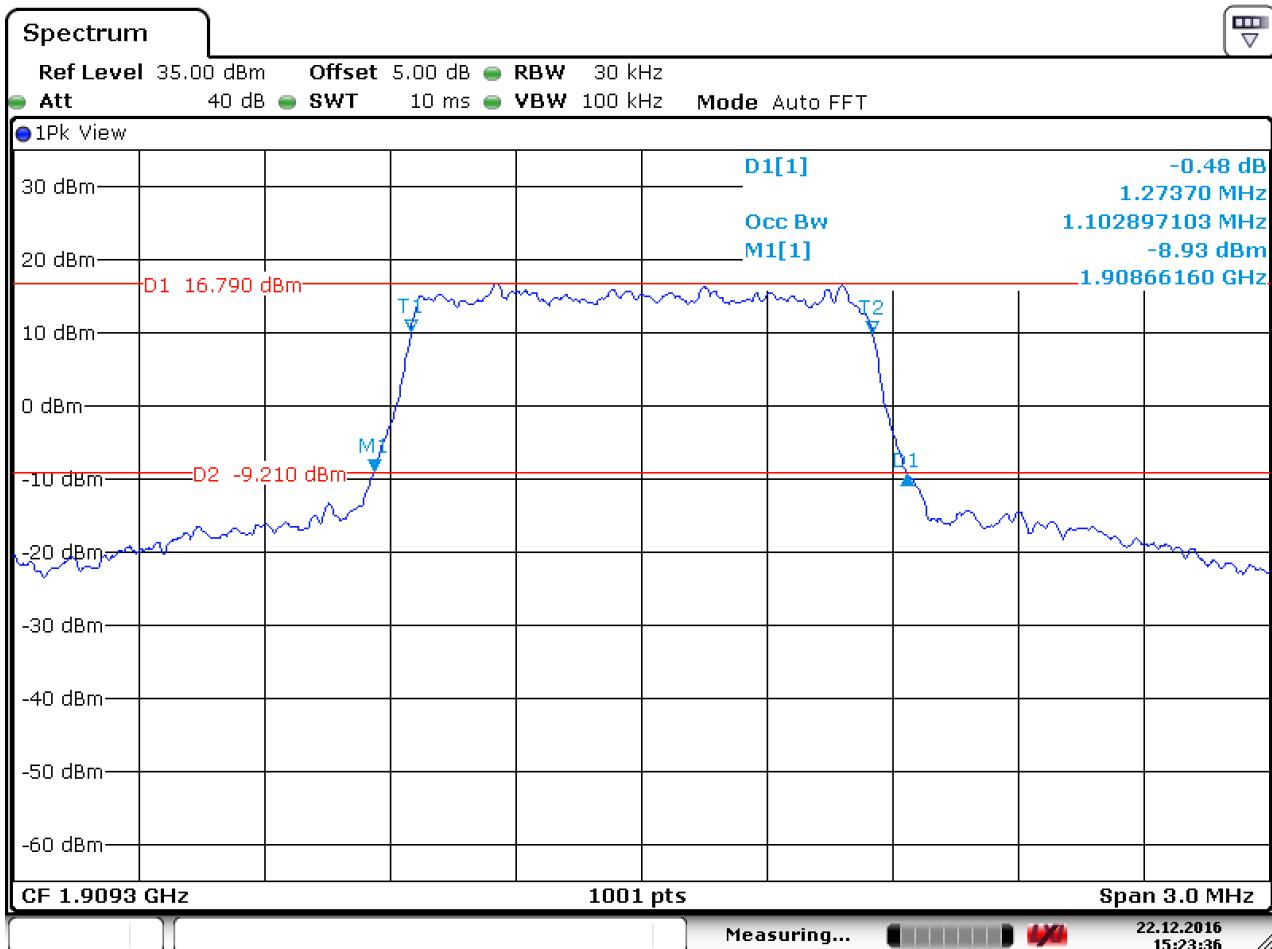


Date: 22.DEC.2016 15:22:39

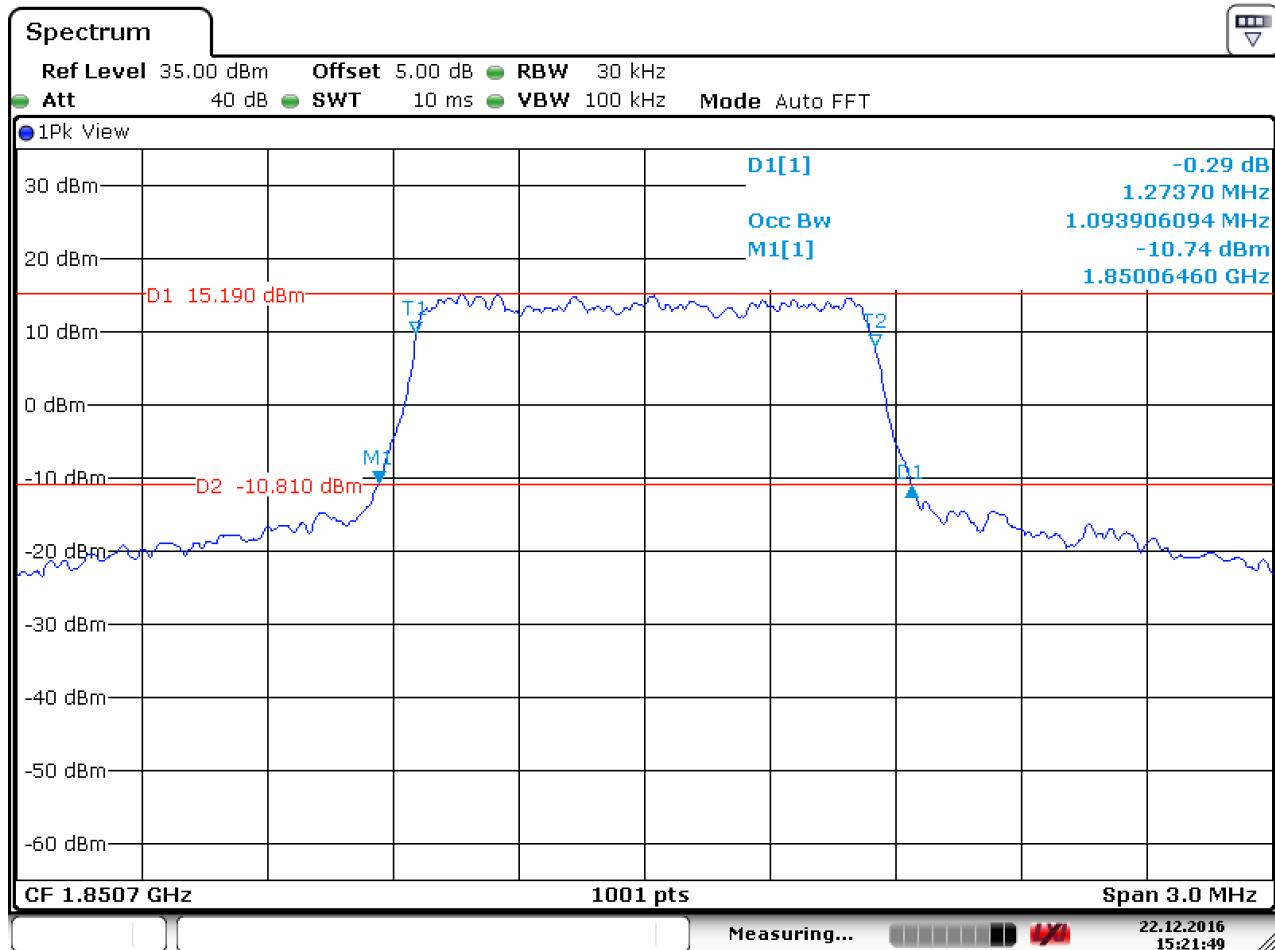
4.1.1.1.2 Test Channel = MCH



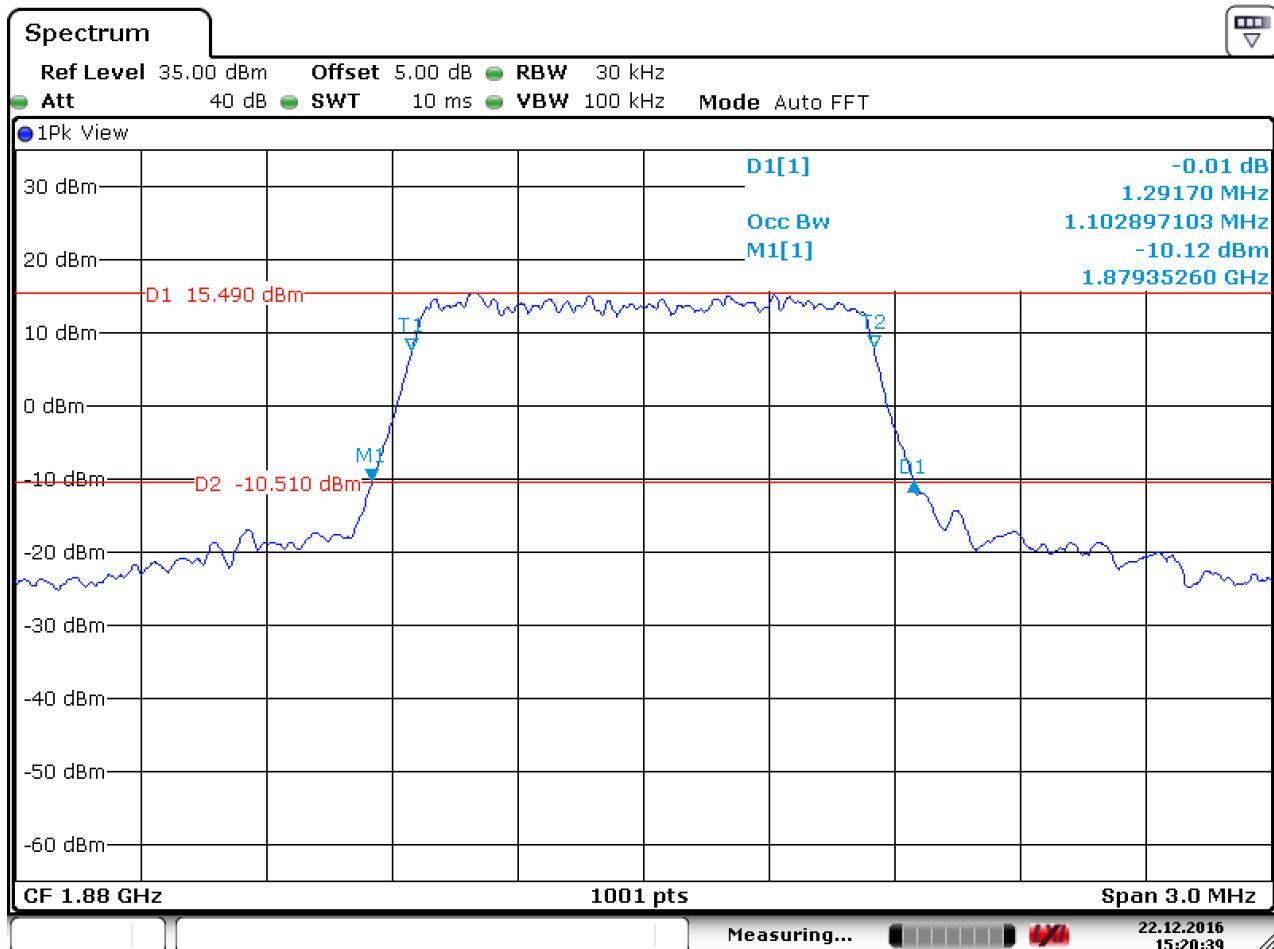
Date: 22.DEC.2016 15:19:20

4.1.1.1.3 Test Channel = HCH

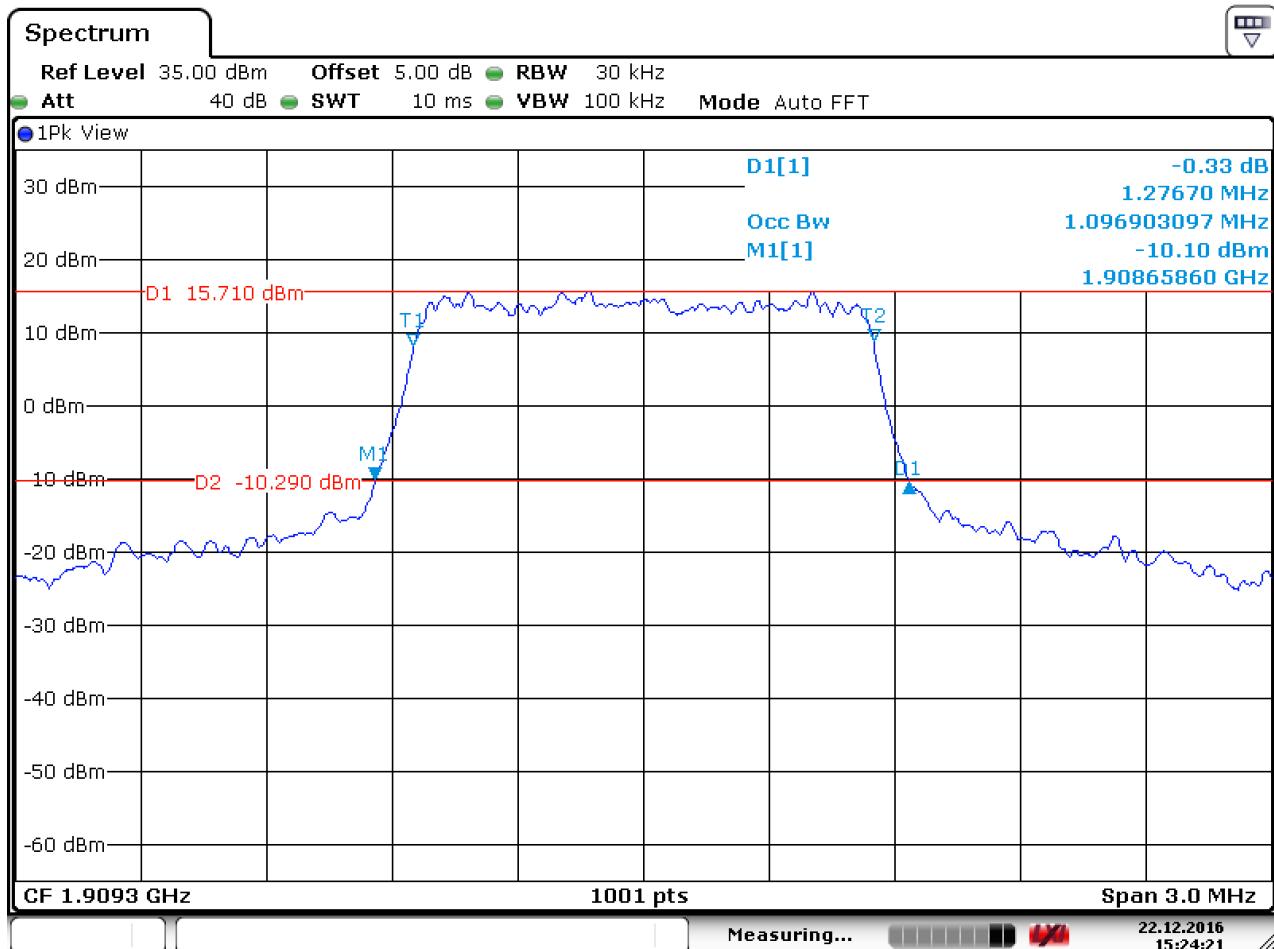
Date: 22.DEC.2016 15:23:36

4.1.1.2 Test Mode = LTE/TM2 1.4MHz**4.1.1.2.1 Test Channel = LCH**

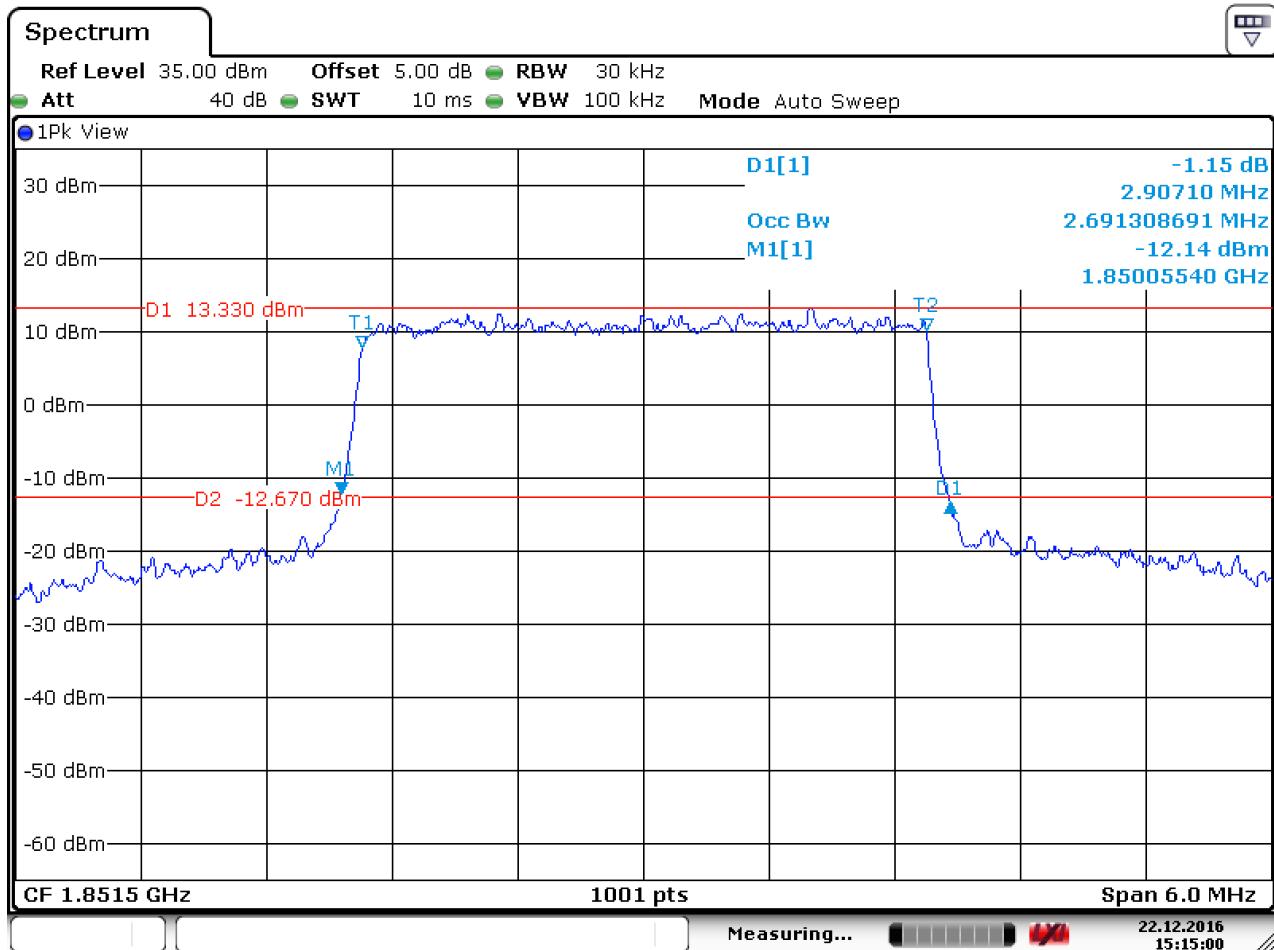
Date: 22.DEC.2016 15:21:50

4.1.1.2.2 Test Channel = MCH

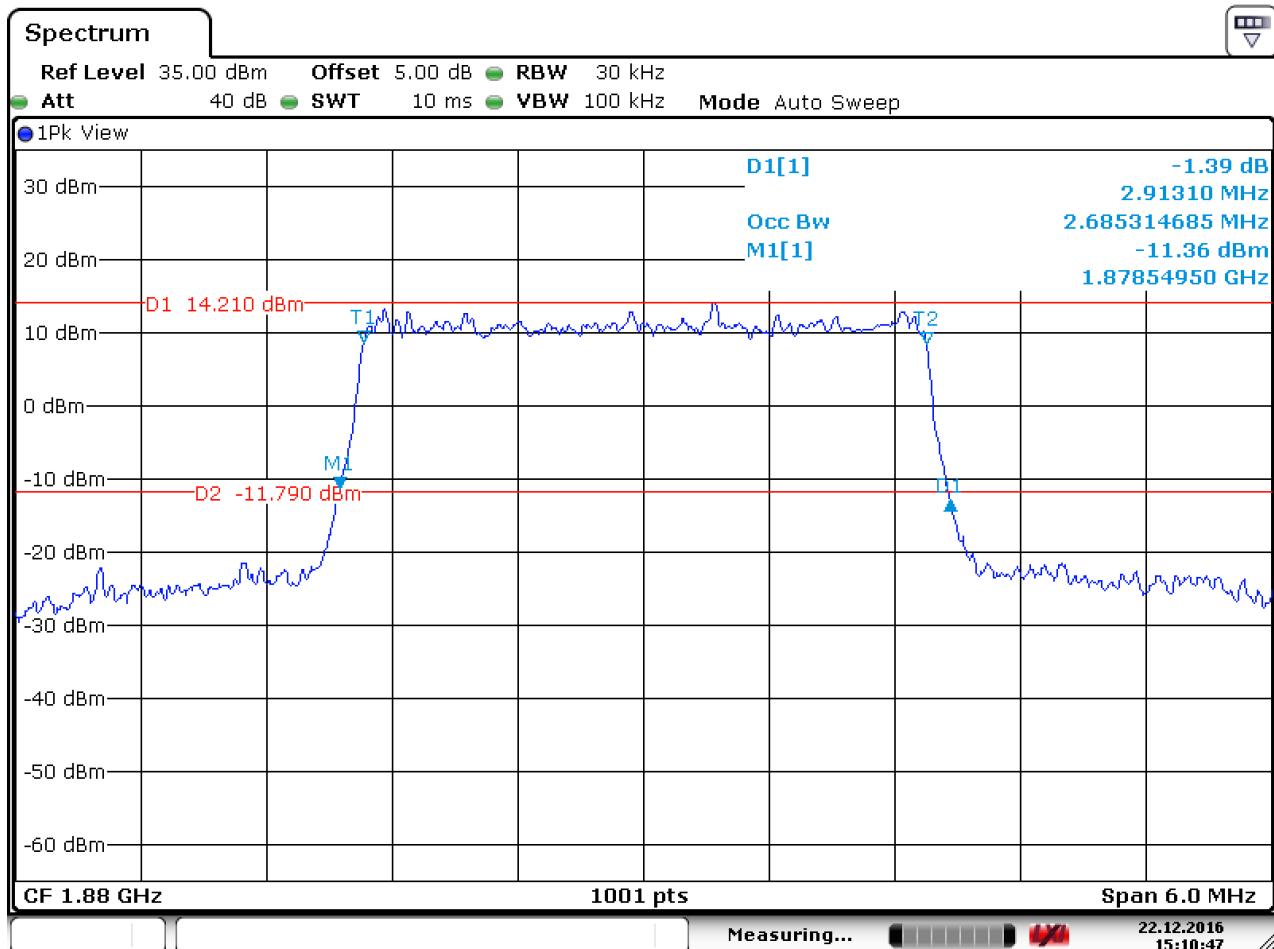
Date: 22.DEC.2016 15:20:40

4.1.1.2.3 Test Channel = HCH

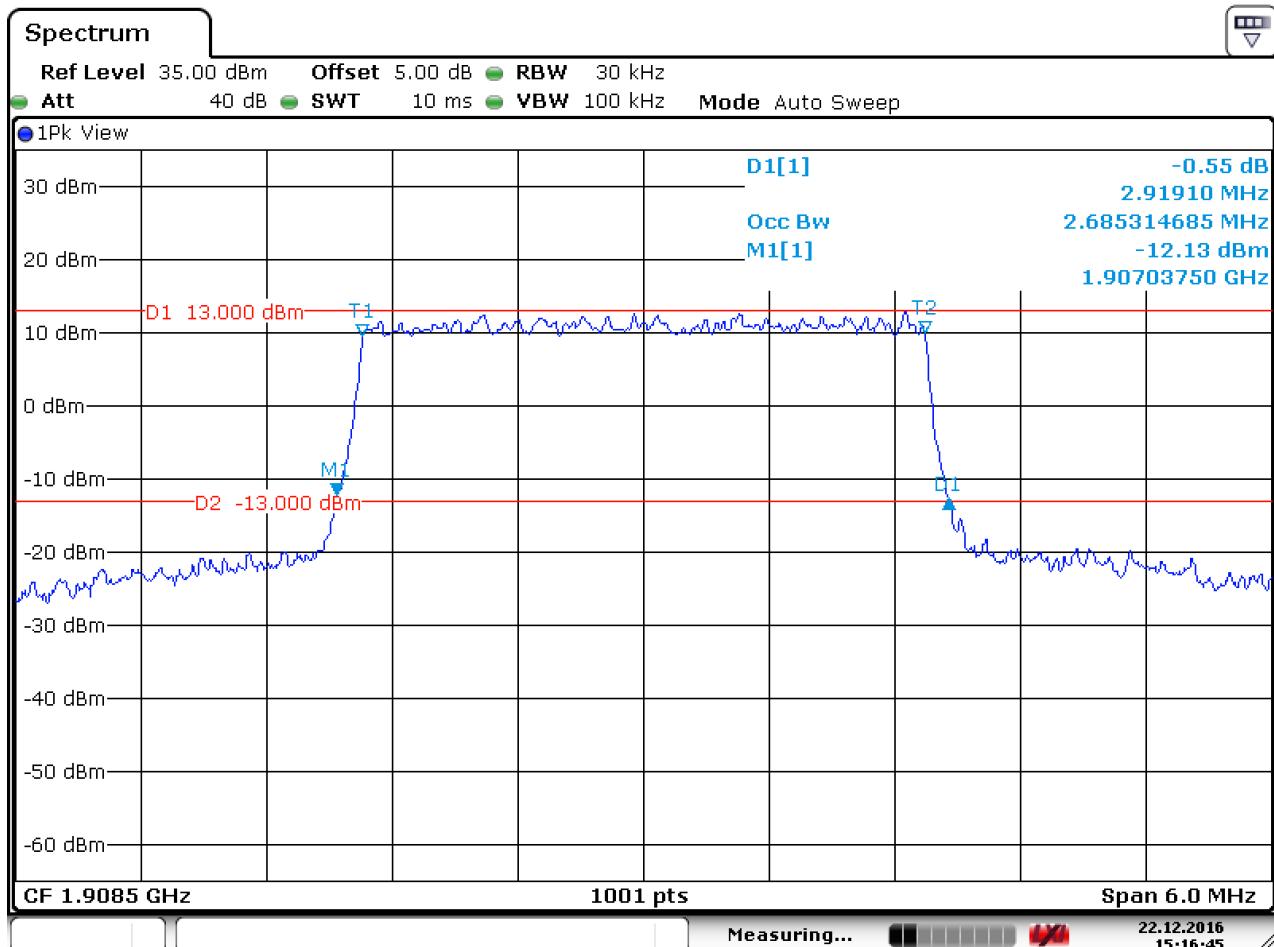
Date: 22.DEC.2016 15:24:22

4.1.1.3 Test Mode = LTE/TM1 3MHz**4.1.1.3.1 Test Channel = LCH**

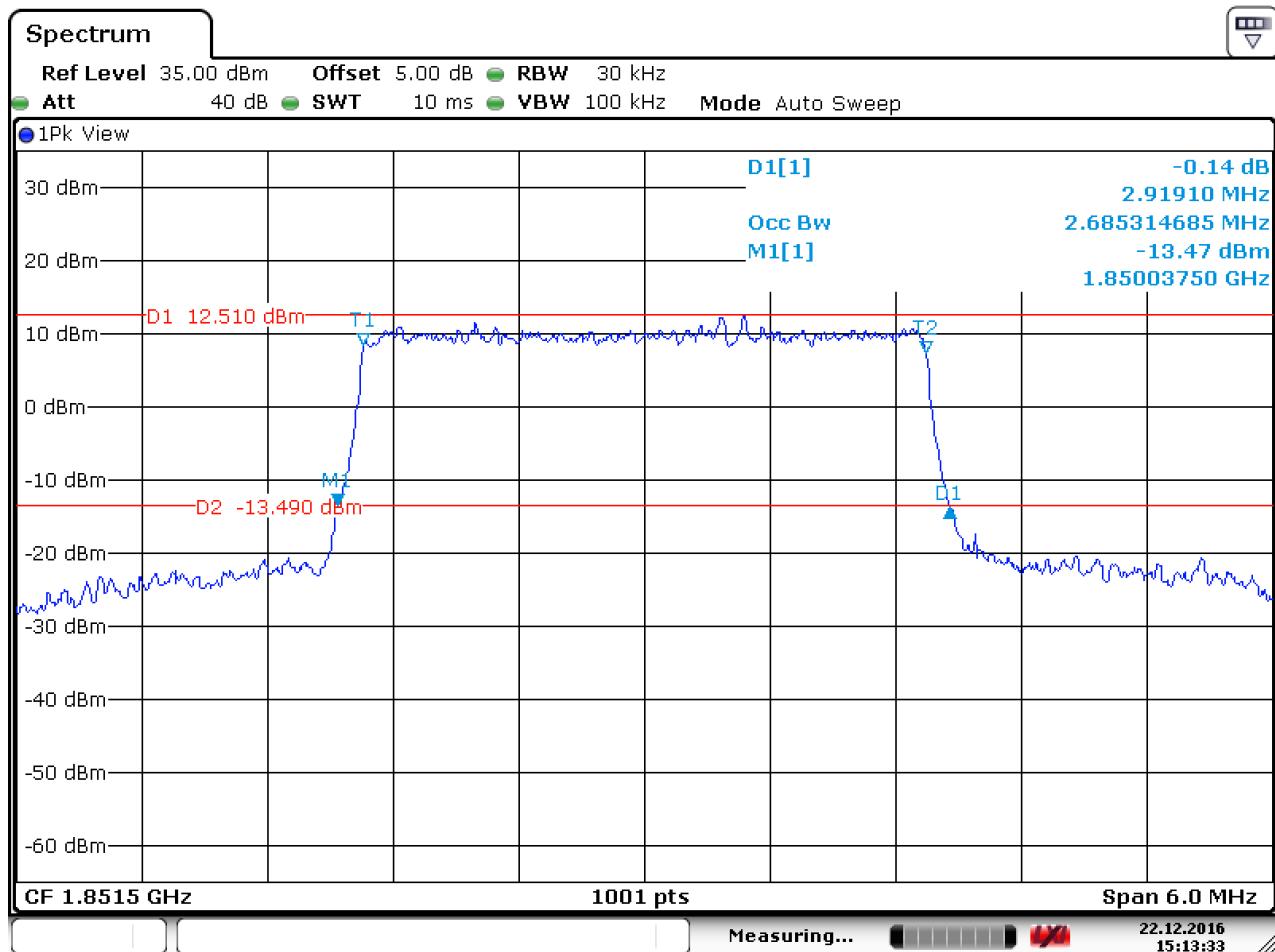
Date: 22.DEC.2016 15:15:00

4.1.1.3.2 Test Channel = MCH

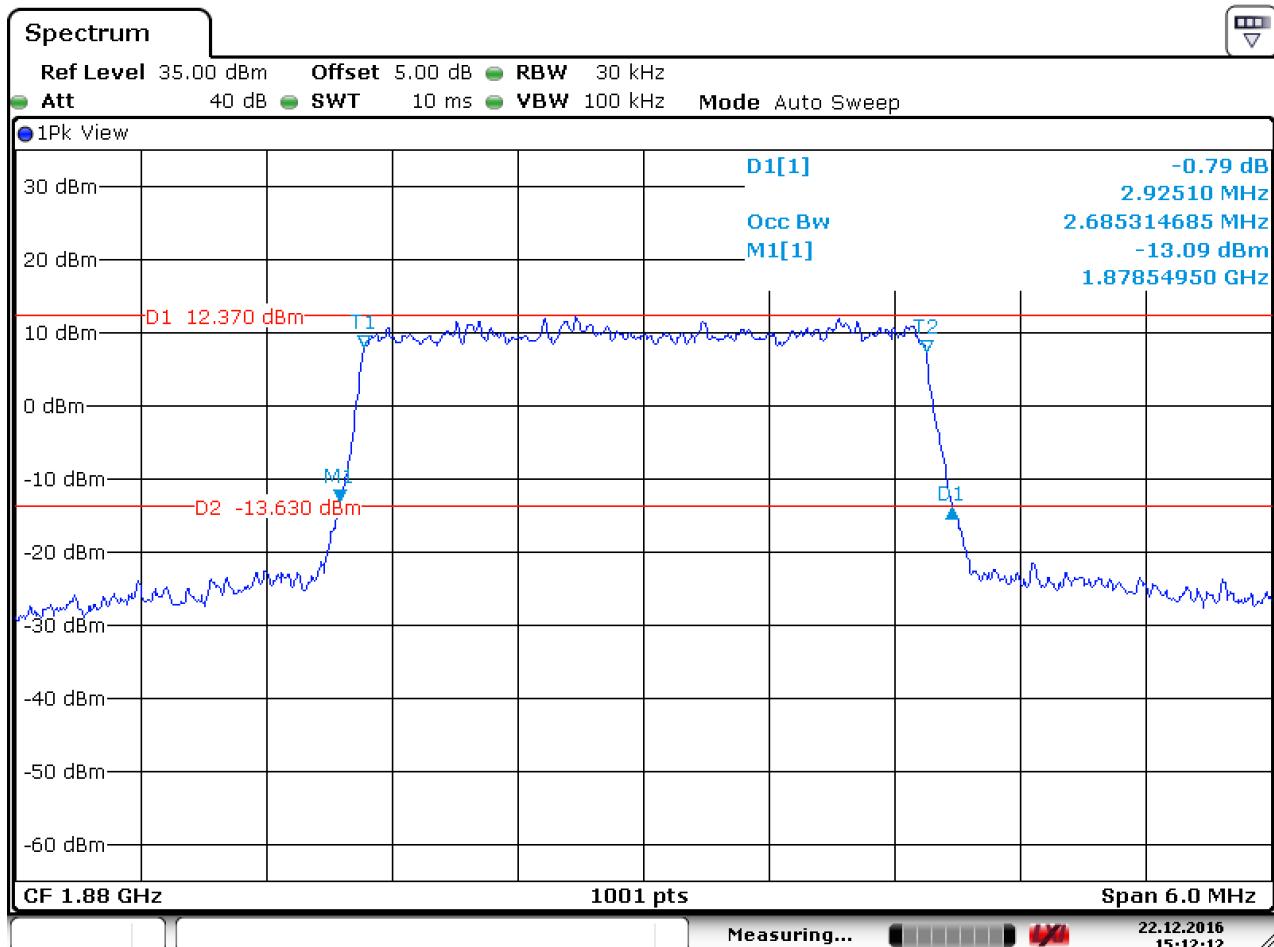
Date: 22.DEC.2016 15:10:48

4.1.1.3.3 Test Channel = HCH

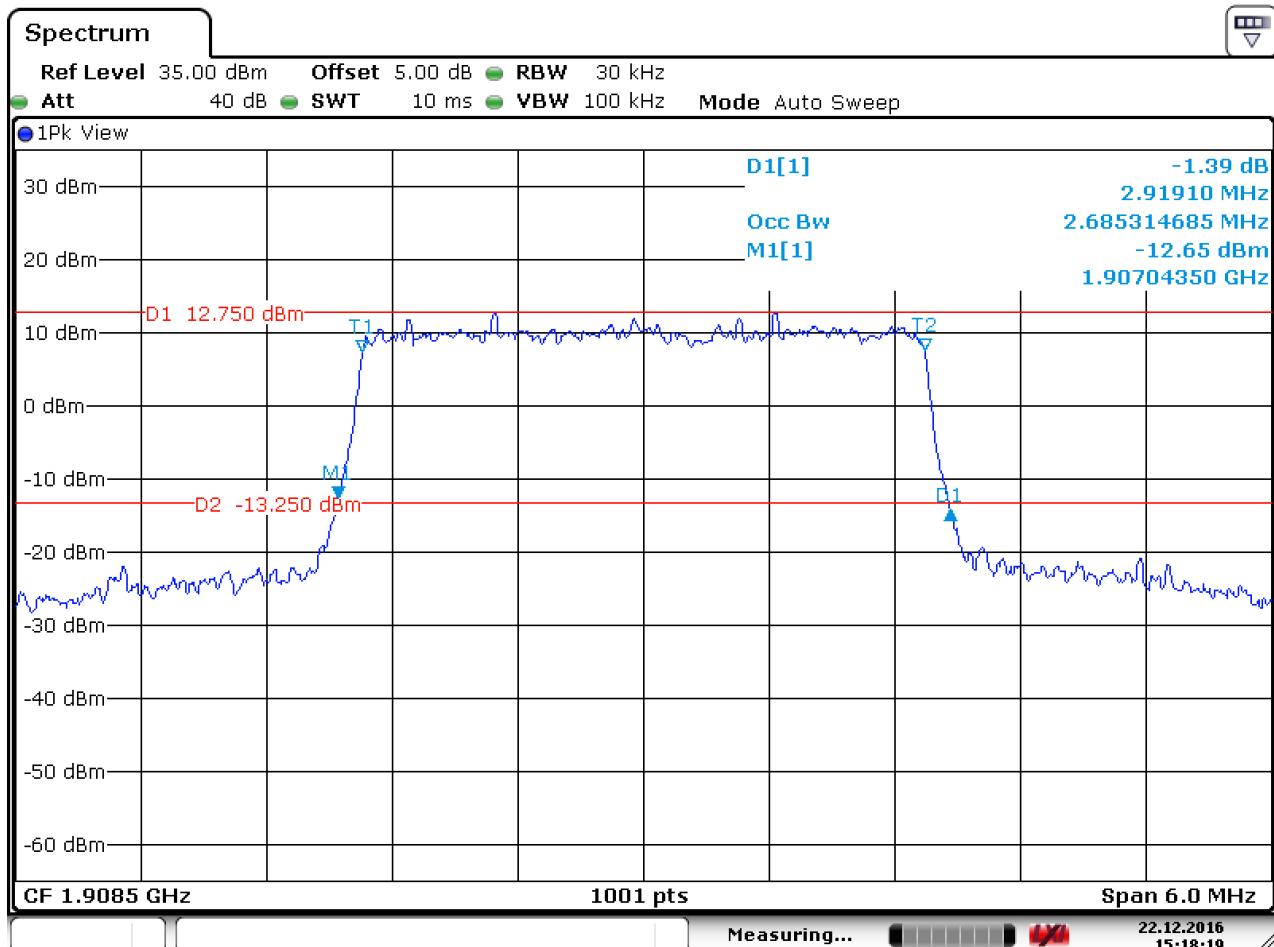
Date: 22.DEC.2016 15:16:45

4.1.1.4 Test Mode = LTE/TM2 3MHz**4.1.1.4.1 Test Channel = LCH**

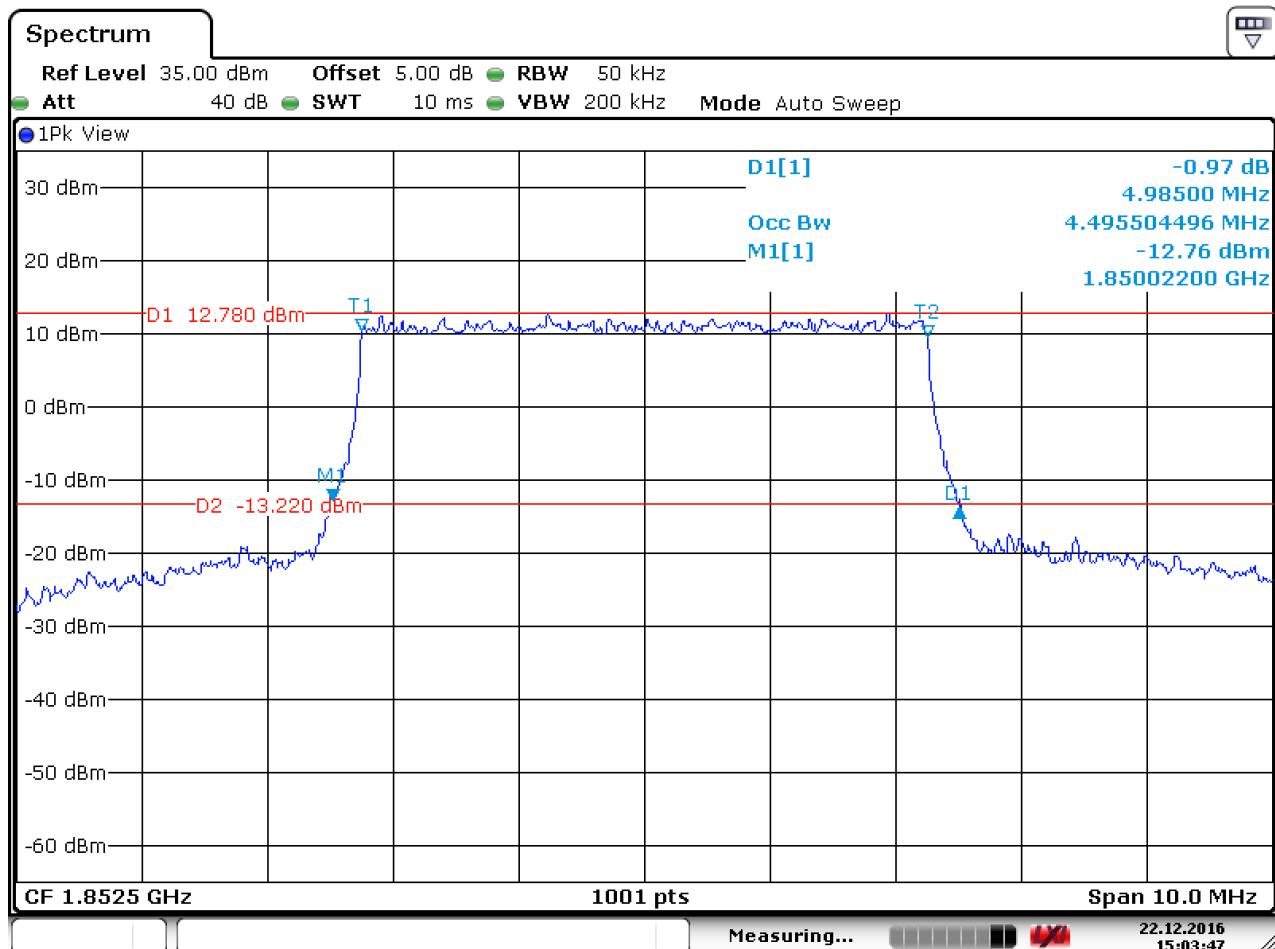
Date: 22.DEC.2016 15:13:33

4.1.1.4.2 Test Channel = MCH

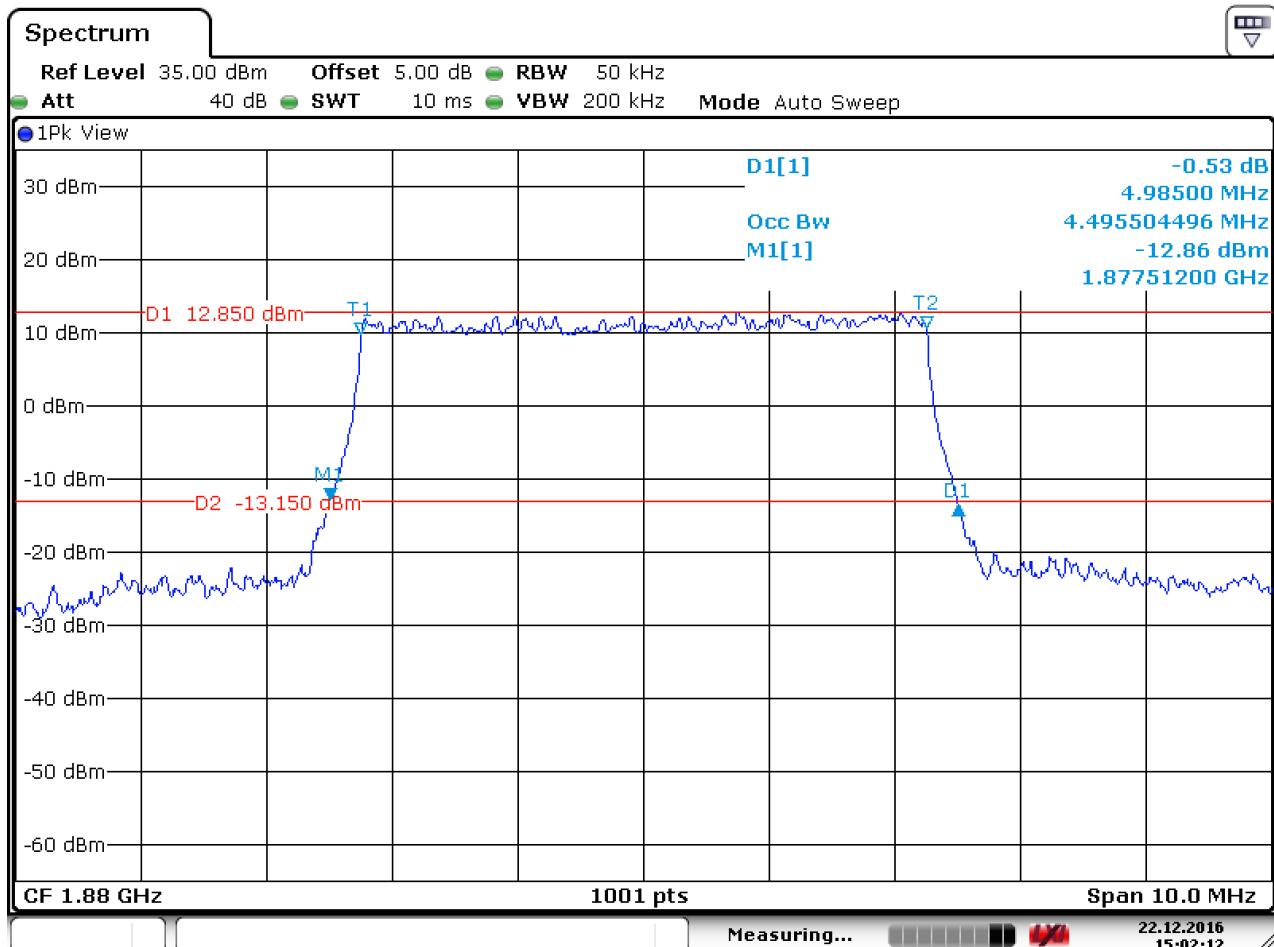
Date: 22.DEC.2016 15:12:13

4.1.1.4.3 Test Channel = HCH

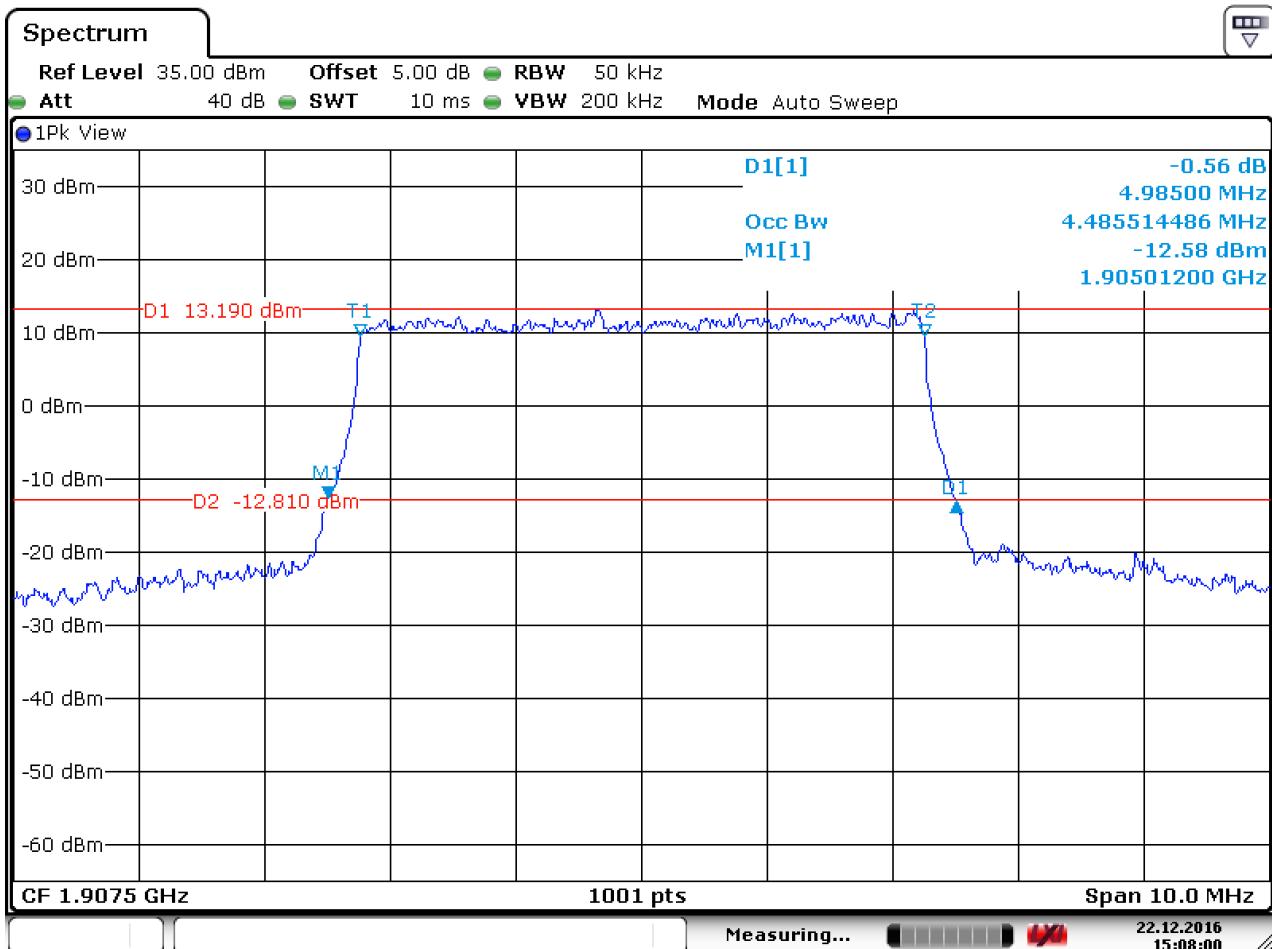
Date: 22.DEC.2016 15:18:20

4.1.1.5 Test Mode = LTE/TM1 5MHz**4.1.1.5.1 Test Channel = LCH**

Date: 22.DEC.2016 15:03:47

4.1.1.5.2 Test Channel = MCH

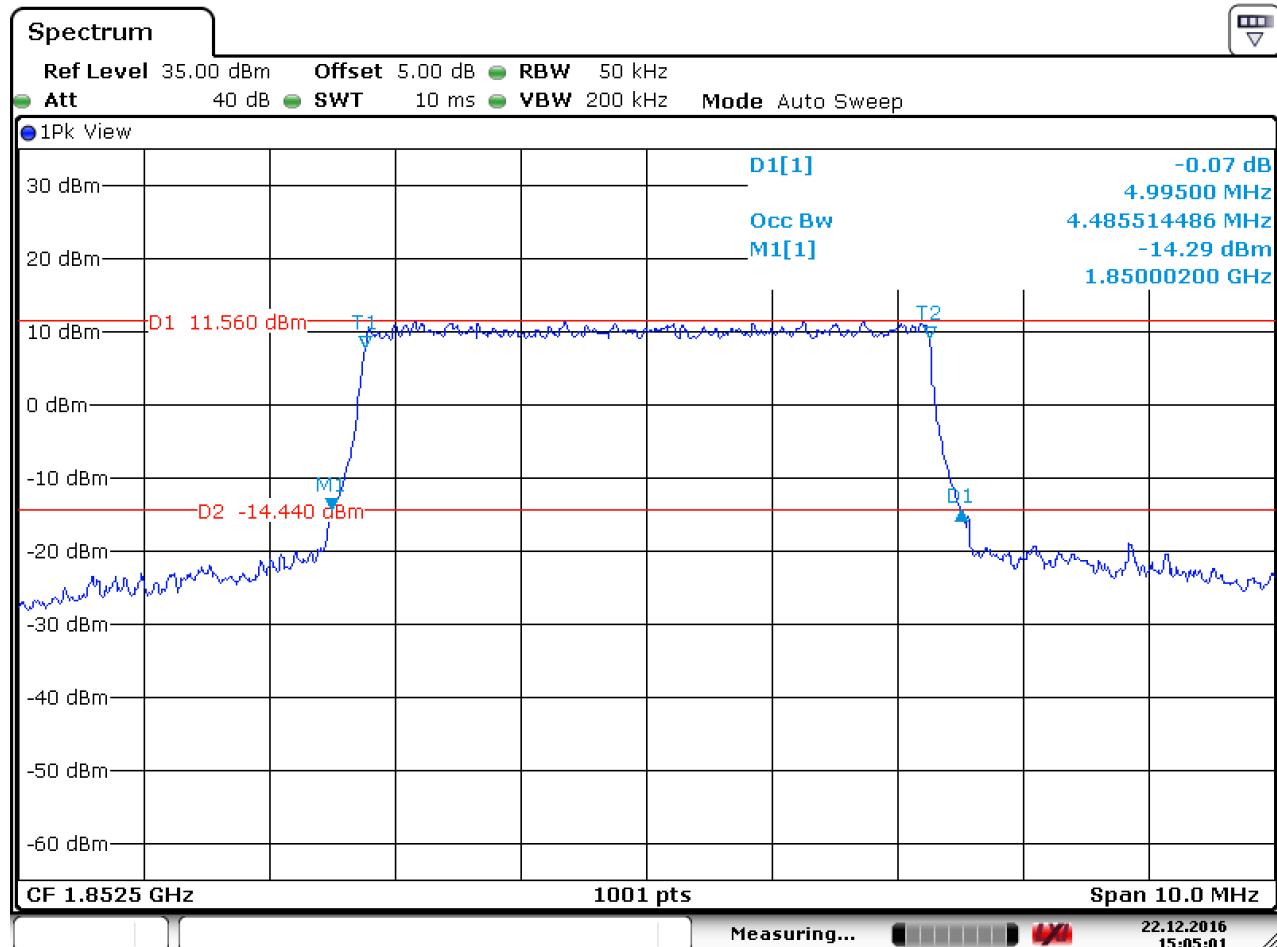
Date: 22.DEC.2016 15:02:12

4.1.1.5.3 Test Channel = HCH

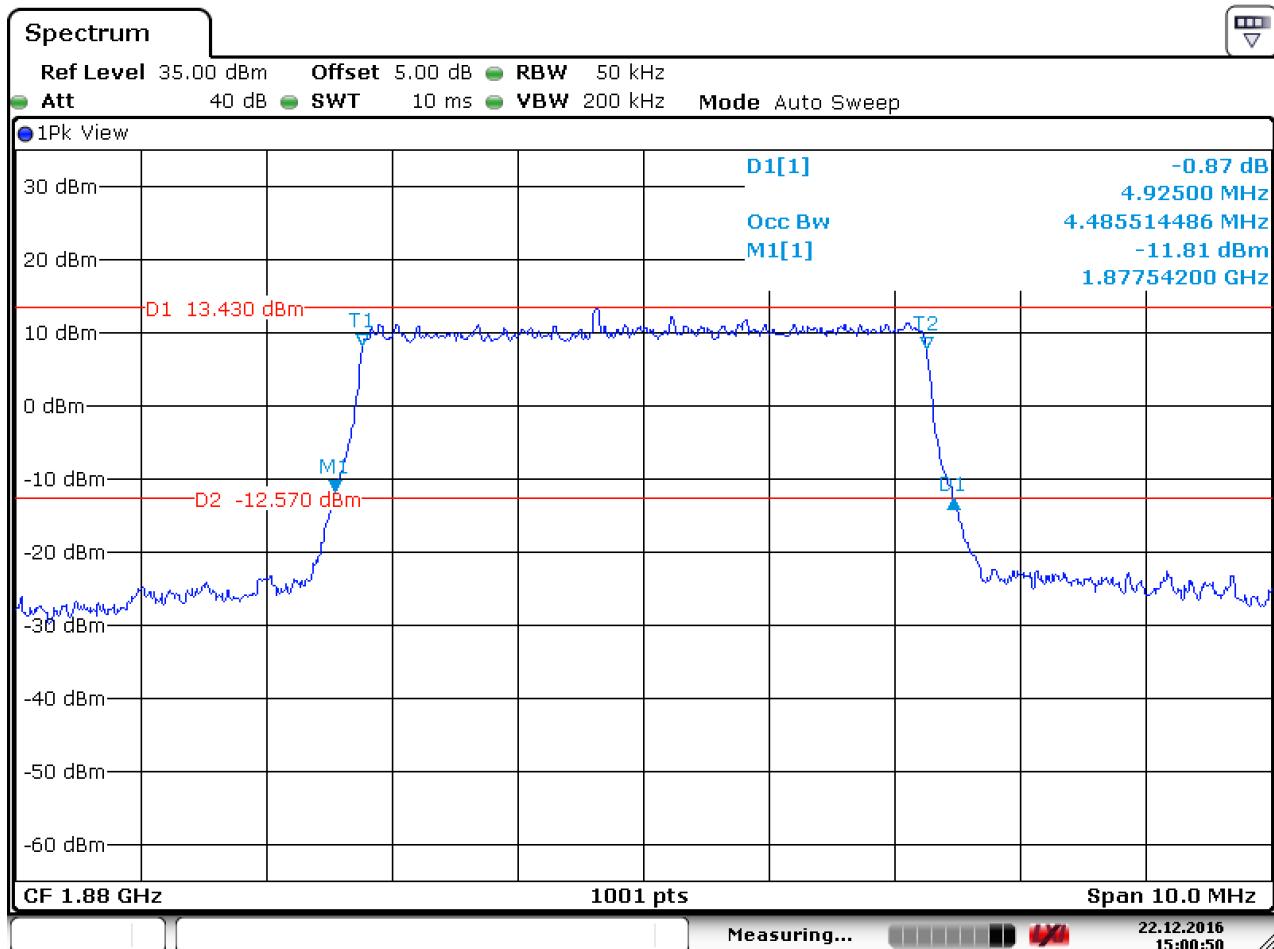
Date: 22.DEC.2016 15:08:00

4.1.1.6 Test Mode = LTE/TM2 5MHz

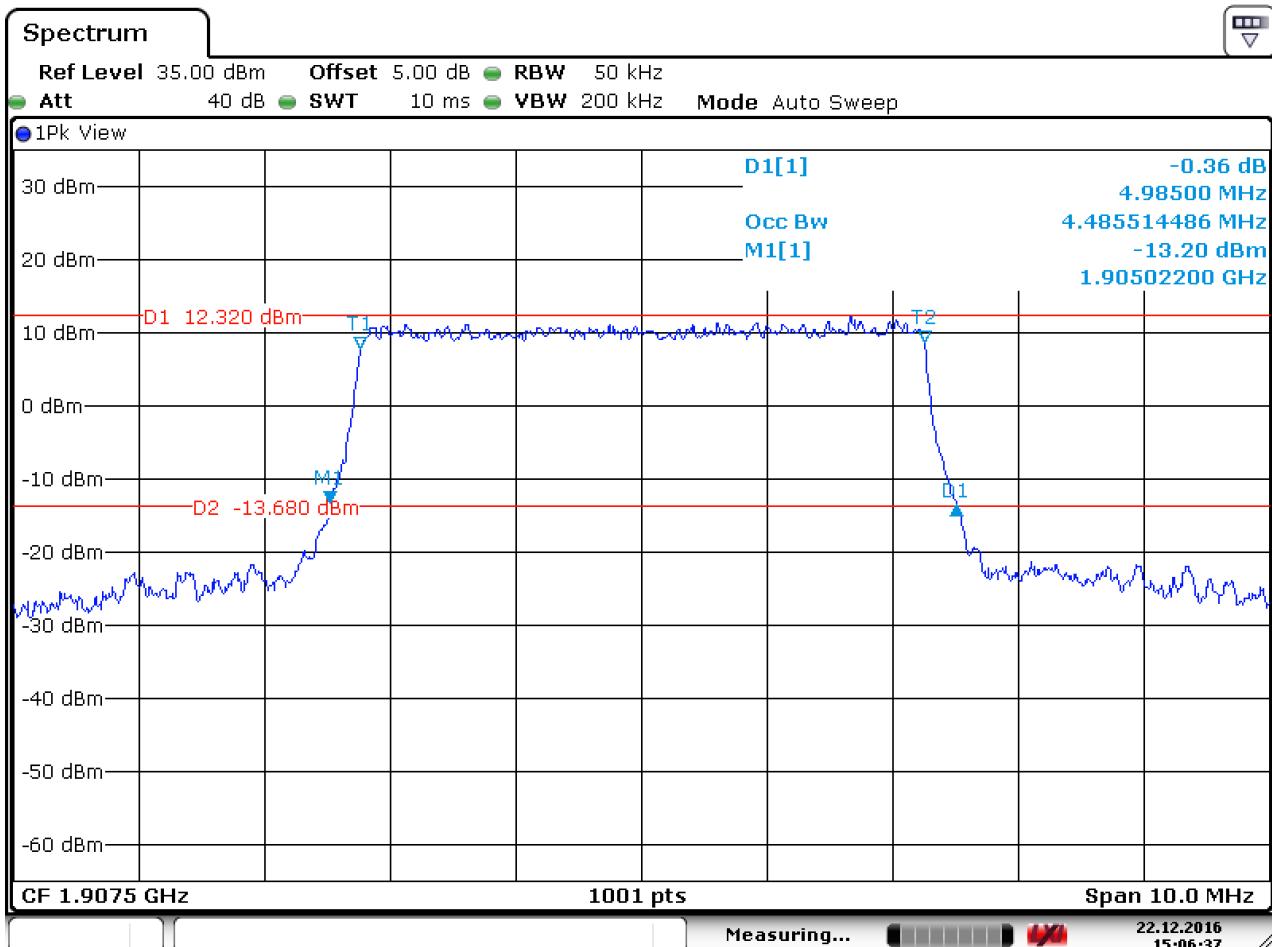
4.1.1.6.1 Test Channel = LCH



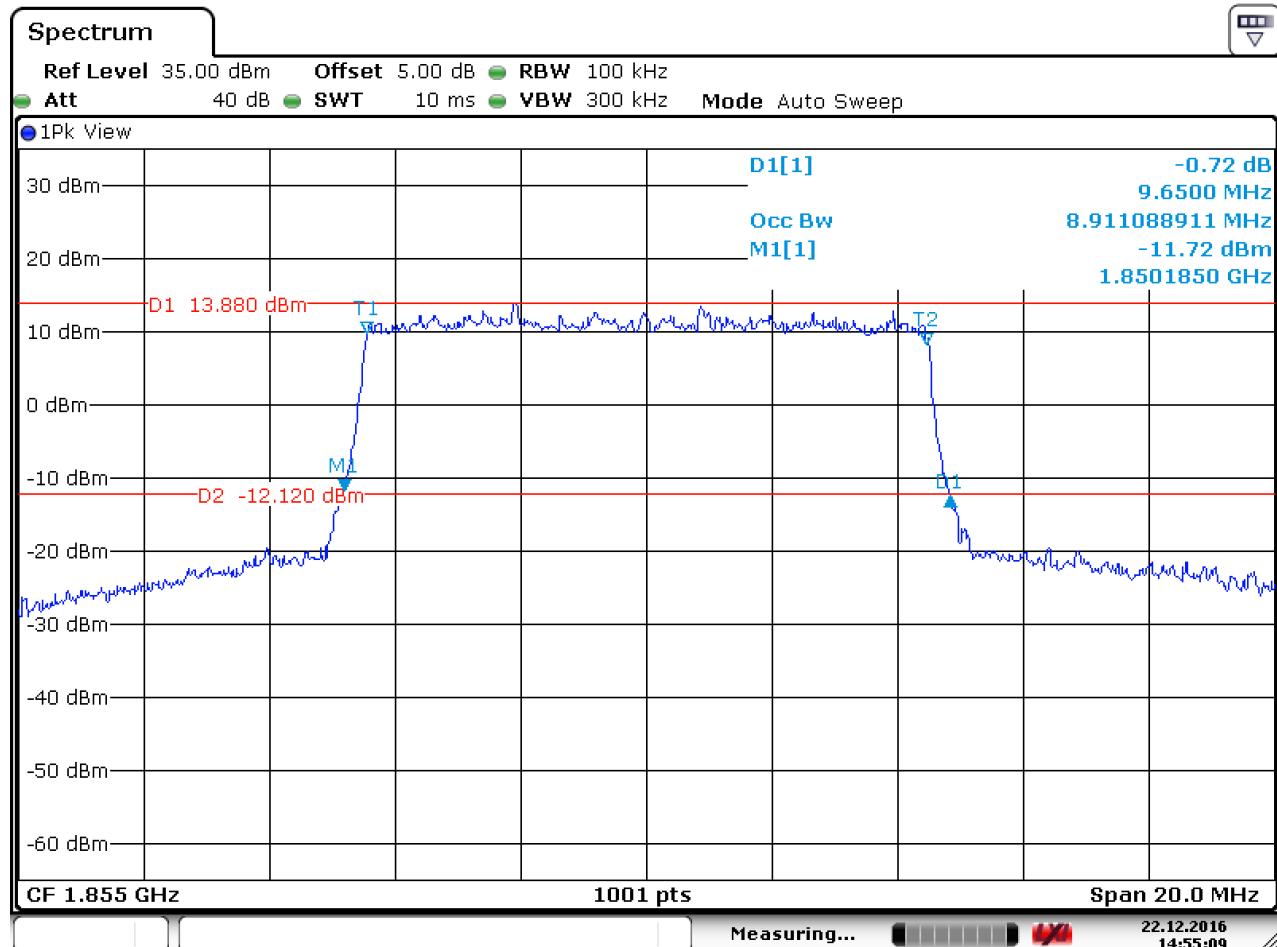
Date: 22.DEC.2016 15:05:02

4.1.1.6.2 Test Channel = MCH

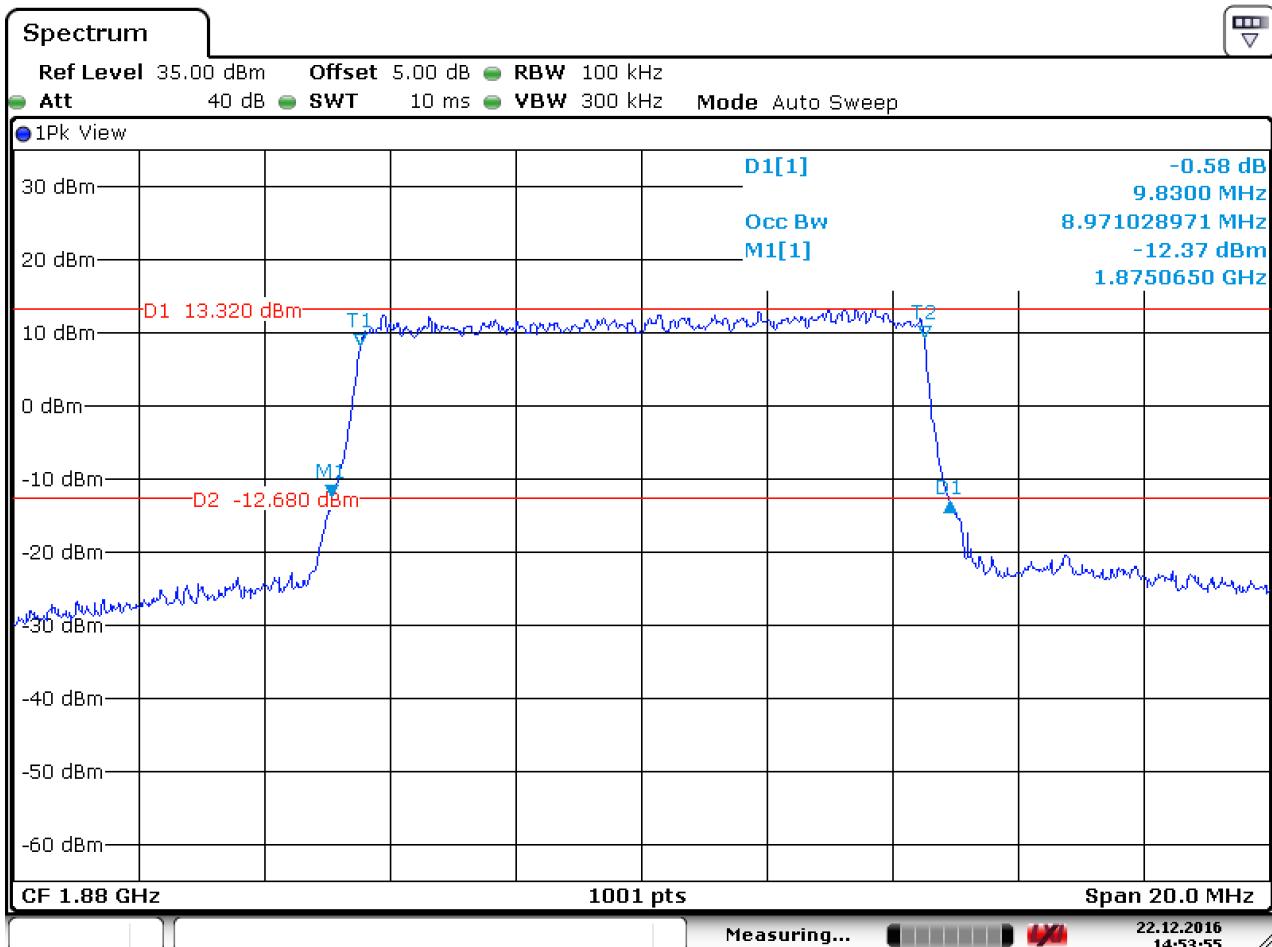
Date: 22.DEC.2016 15:00:50

4.1.1.6.3 Test Channel = HCH

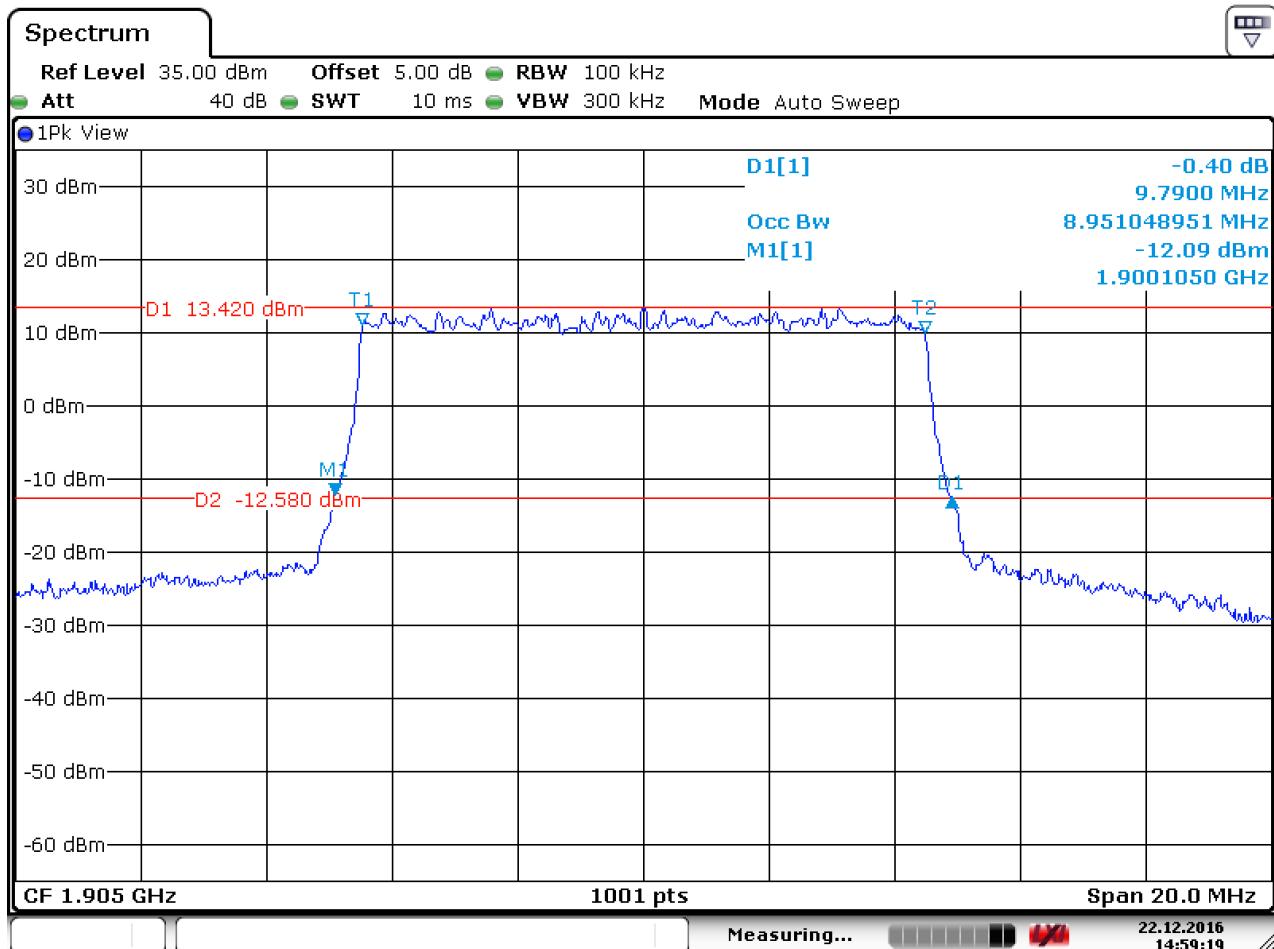
Date: 22.DEC.2016 15:06:37

4.1.1.7 Test Mode = LTE/TM1 10MHz**4.1.1.7.1 Test Channel = LCH**

Date: 22.DEC.2016 14:55:10

4.1.1.7.2 Test Channel = MCH

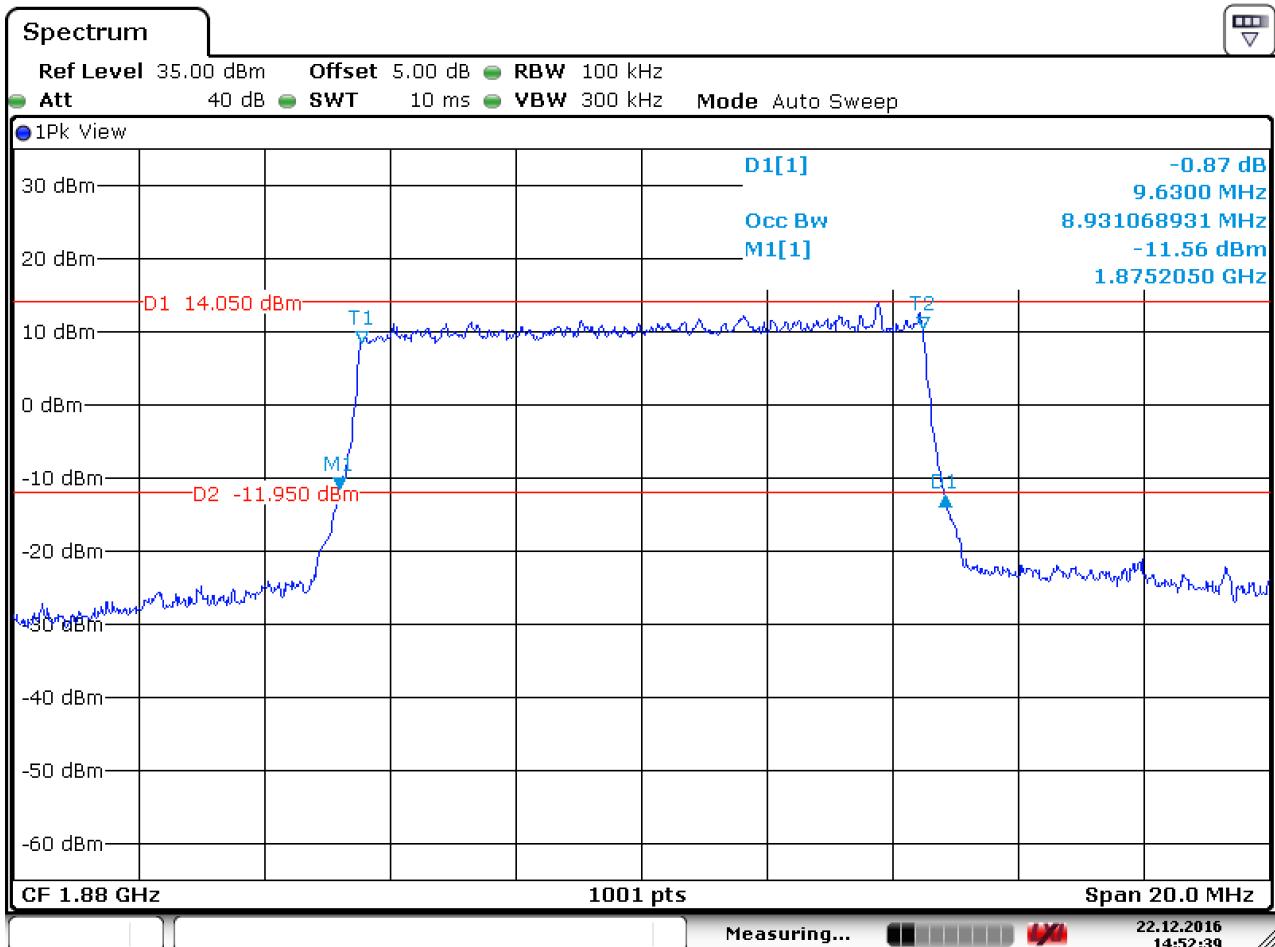
Date: 22.DEC.2016 14:53:56

4.1.1.7.3 Test Channel = HCH

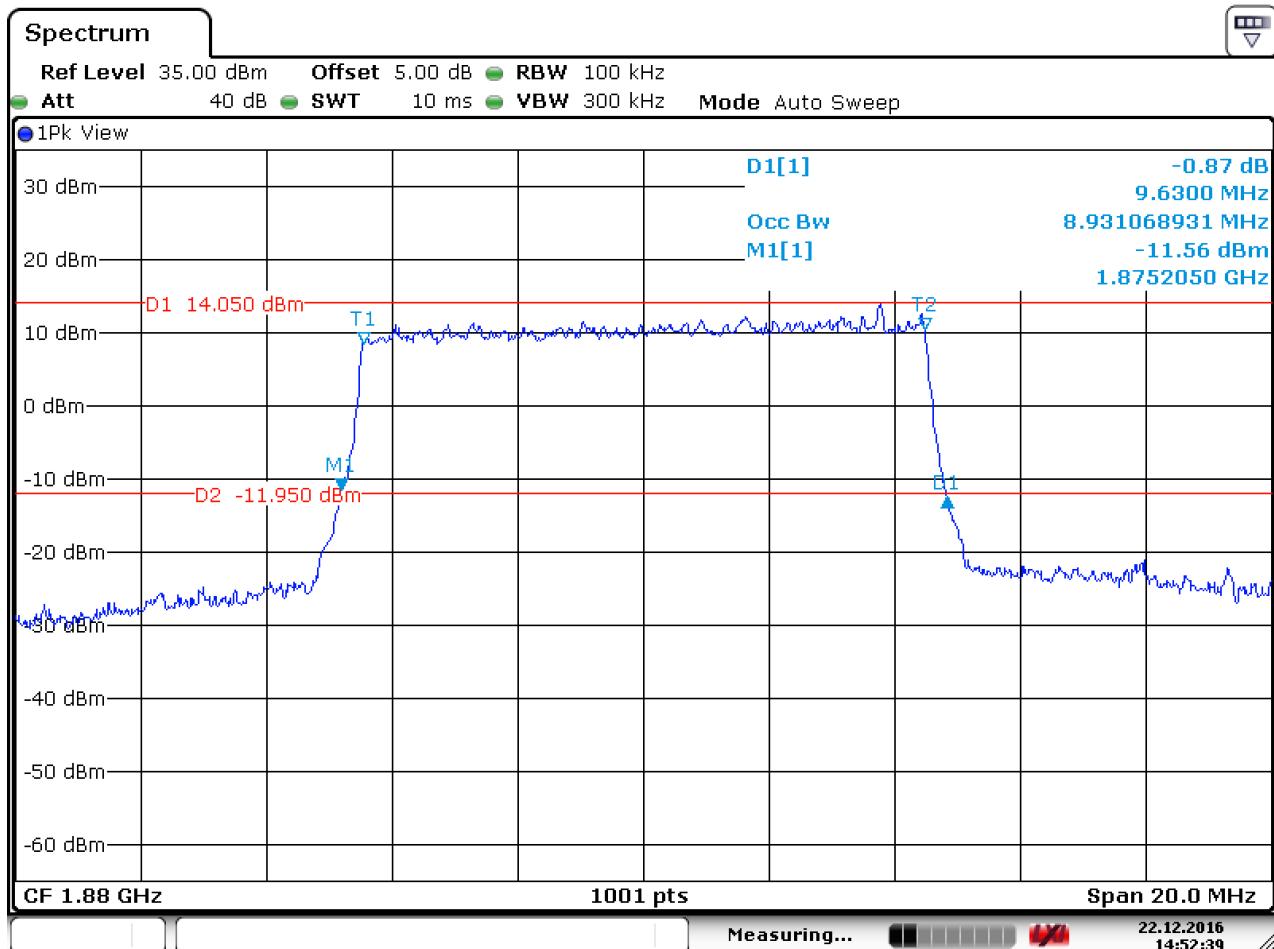
Date: 22.DEC.2016 14:59:18

4.1.1.8 Test Mode = LTE/TM2 10MHz

4.1.1.8.1 Test Channel = LCH

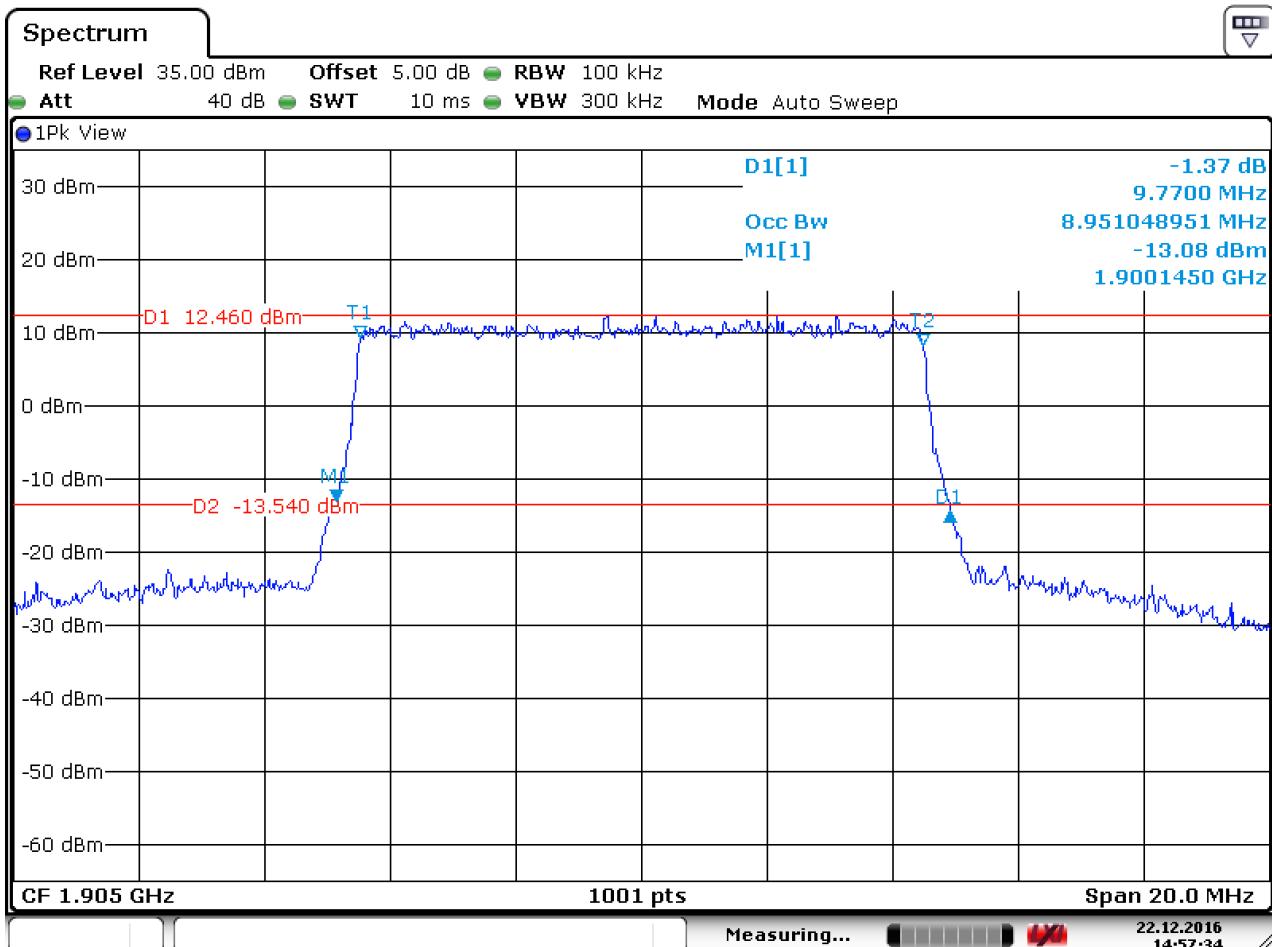


Date: 22.DEC.2016 14:52:39

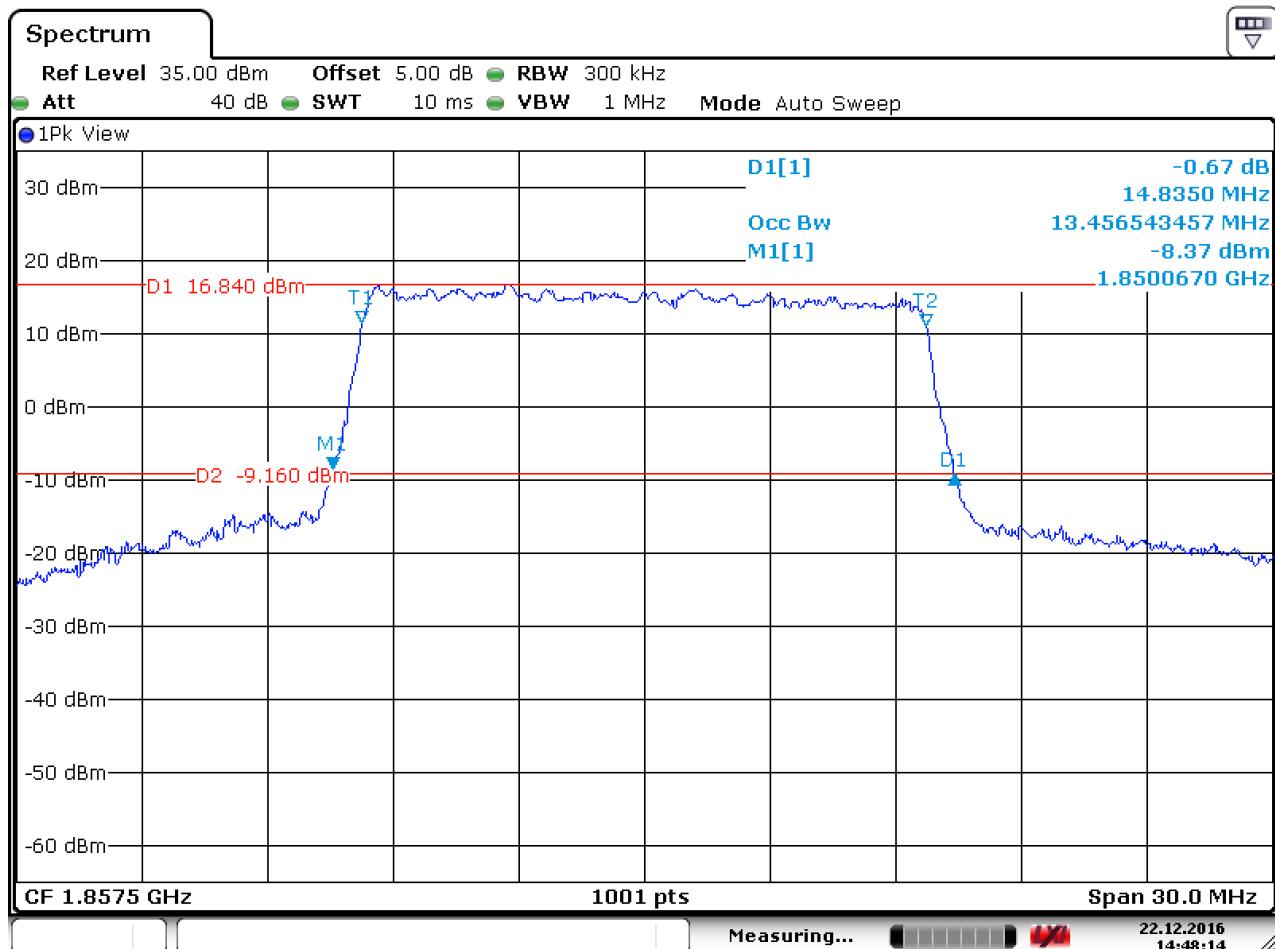
4.1.1.8.2 Test Channel = MCH

Date: 22.DEC.2016 14:52:39

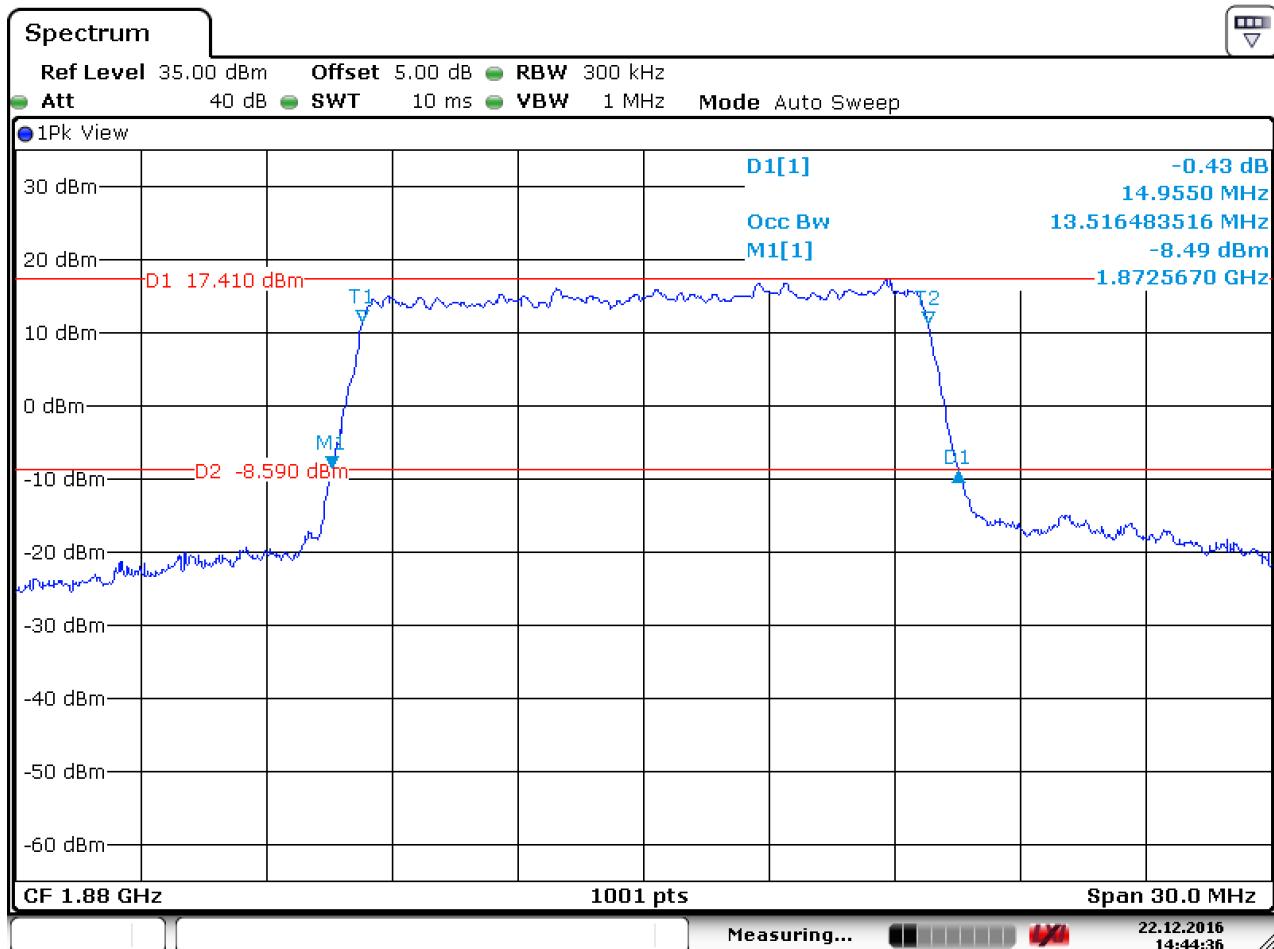
4.1.1.8.3 Test Channel = HCH



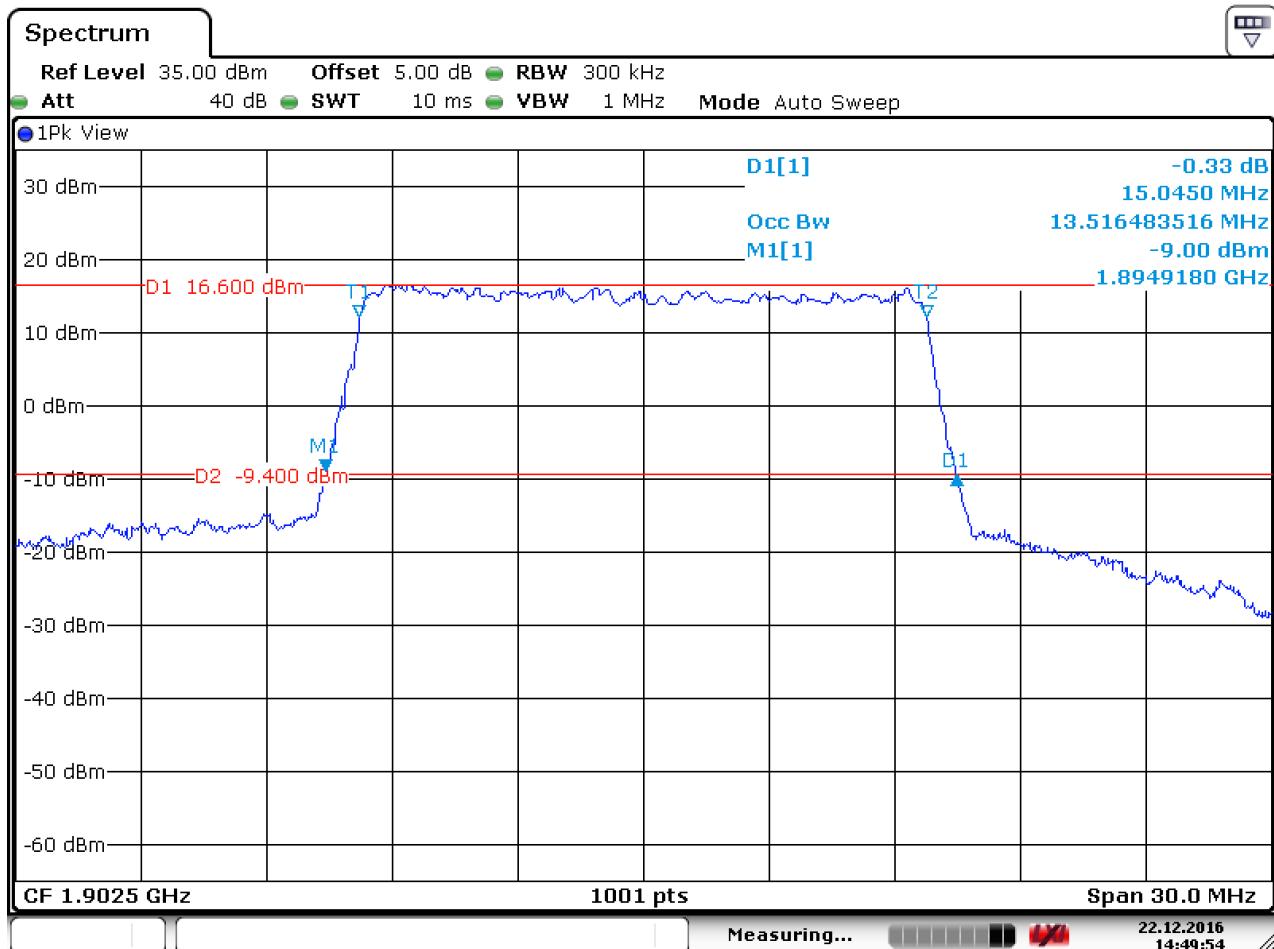
Date: 22.DEC.2016 14:57:34

4.1.1.9 Test Mode = LTE/TM1 15MHz**4.1.1.9.1 Test Channel = LCH**

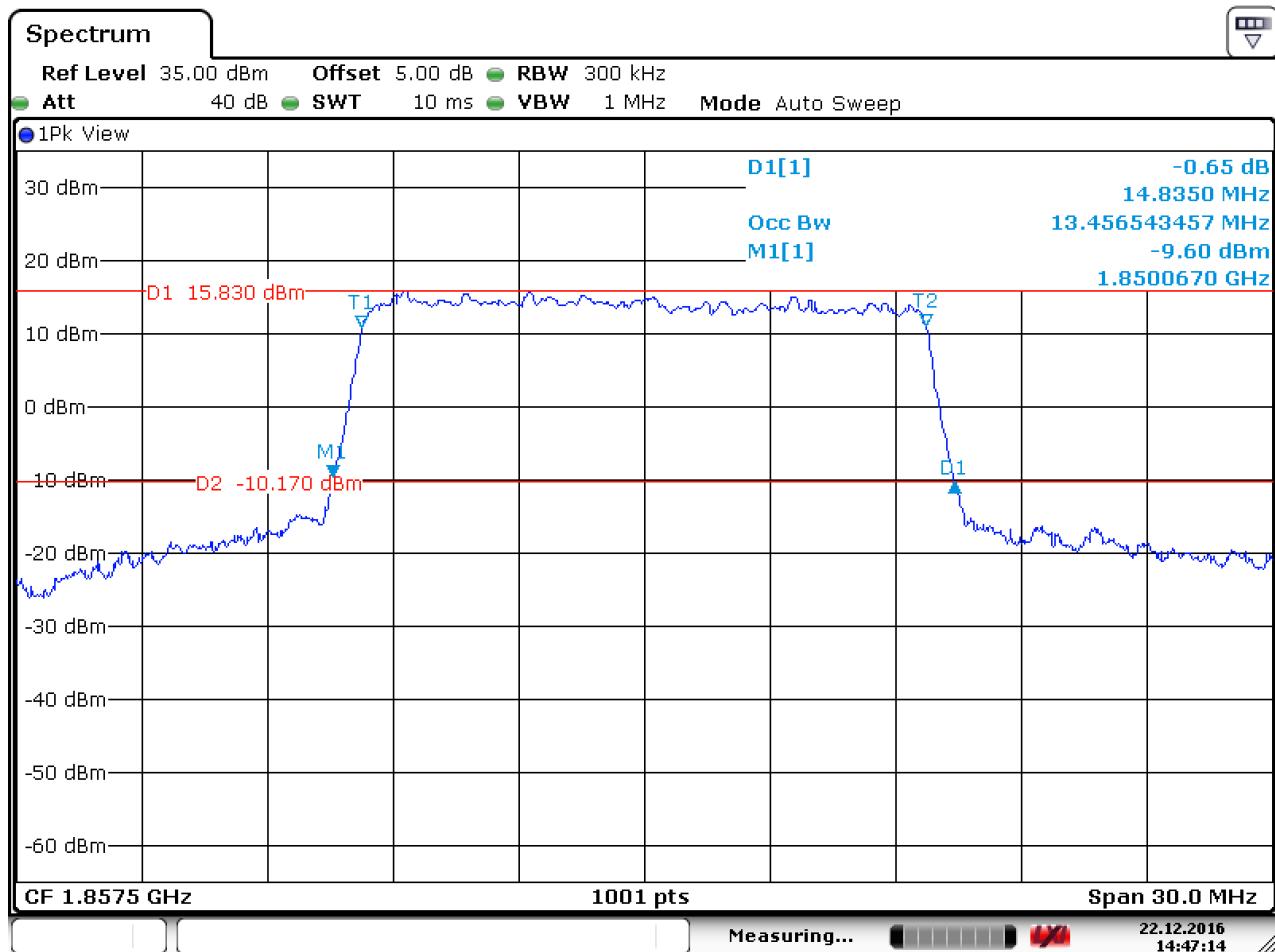
Date: 22.DEC.2016 14:48:15

4.1.1.9.2 Test Channel = MCH

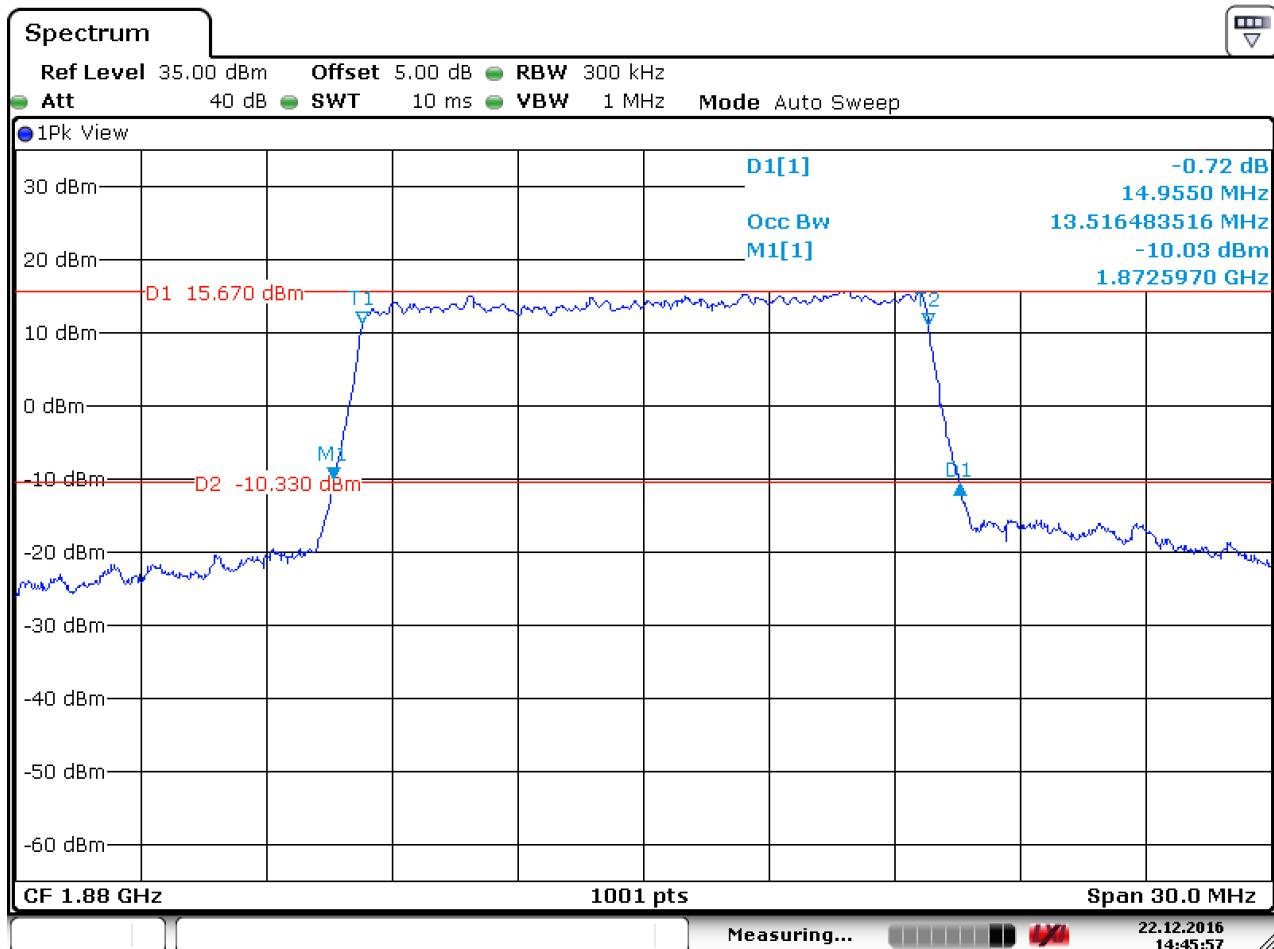
Date: 22.DEC.2016 14:44:37

4.1.1.9.3 Test Channel = HCH

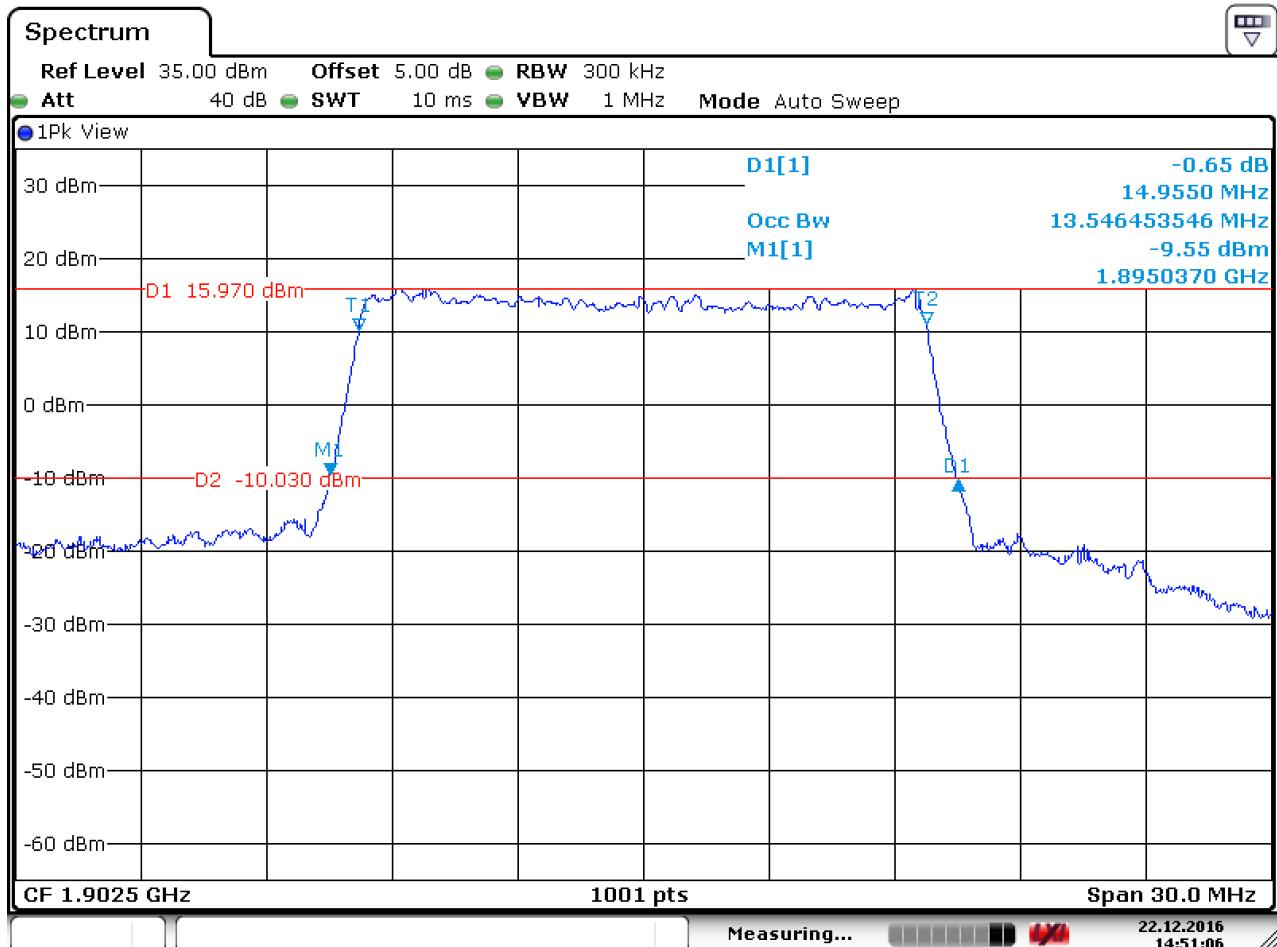
Date: 22.DEC.2016 14:49:54

4.1.1.10 Test Mode = LTE/TM2 15MHz**4.1.1.10.1 Test Channel = LCH**

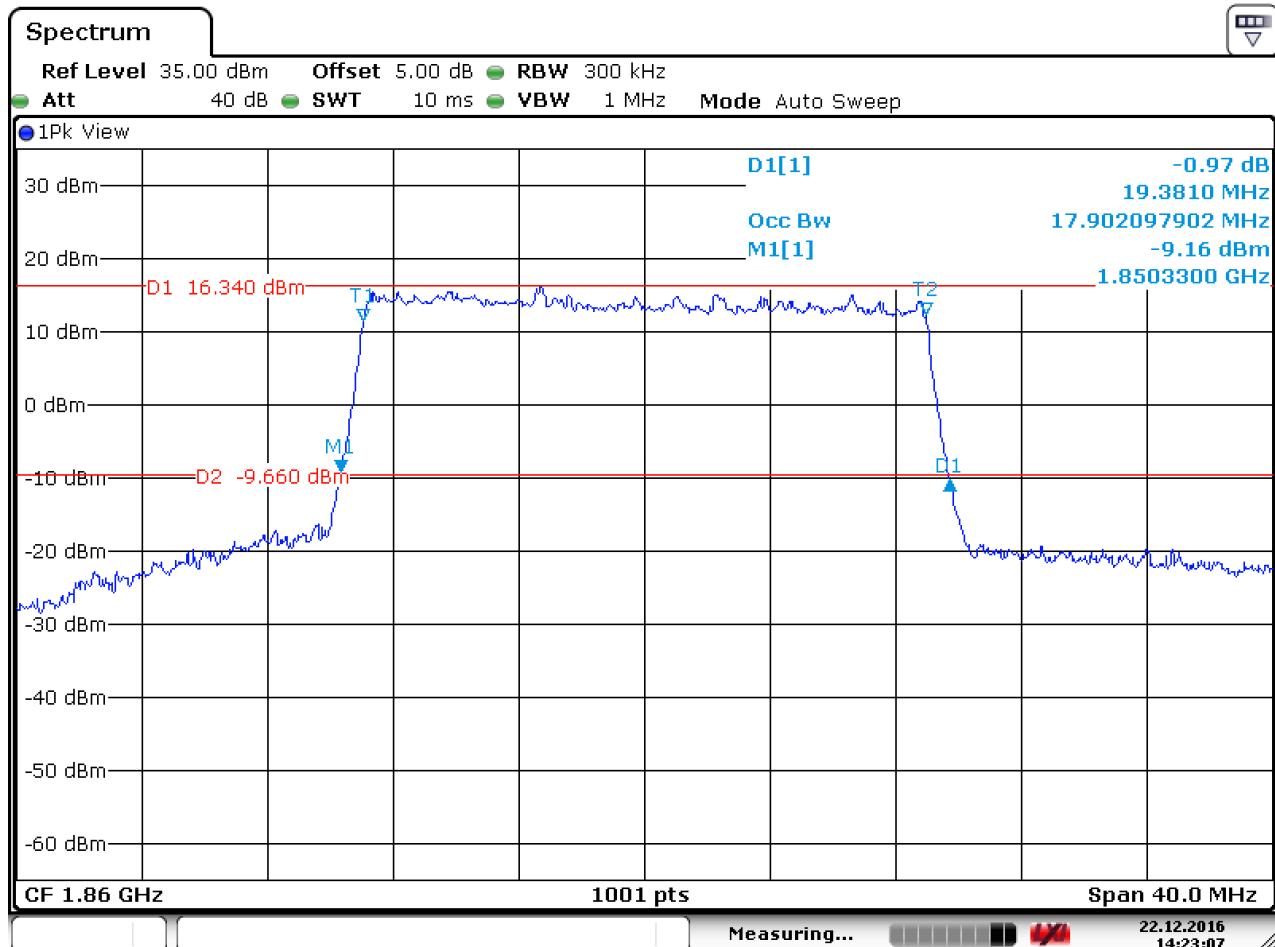
Date: 22.DEC.2016 14:47:14

4.1.1.10.2 Test Channel = MCH

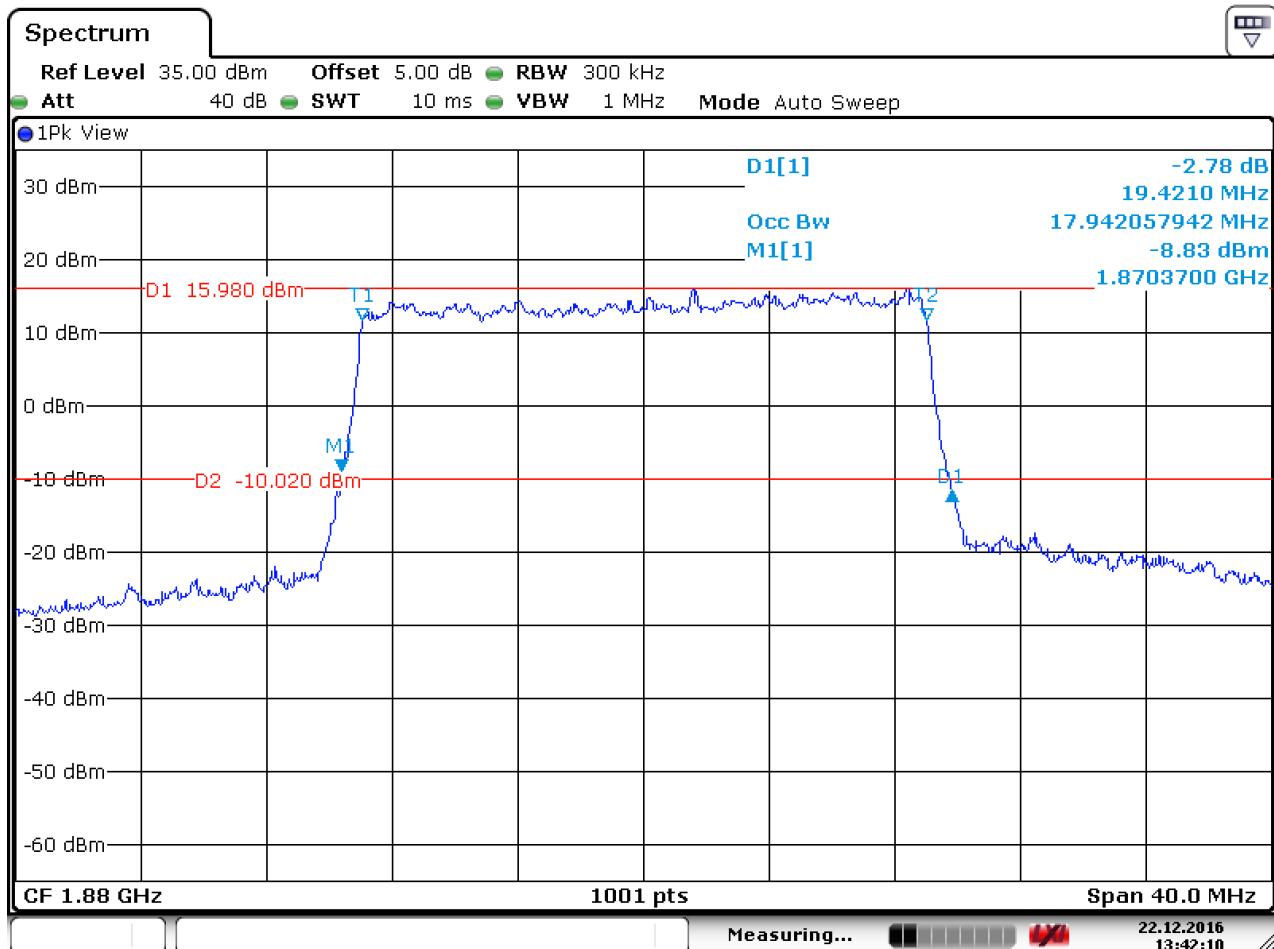
Date: 22.DEC.2016 14:45:57

4.1.1.10.3 Test Channel = HCH

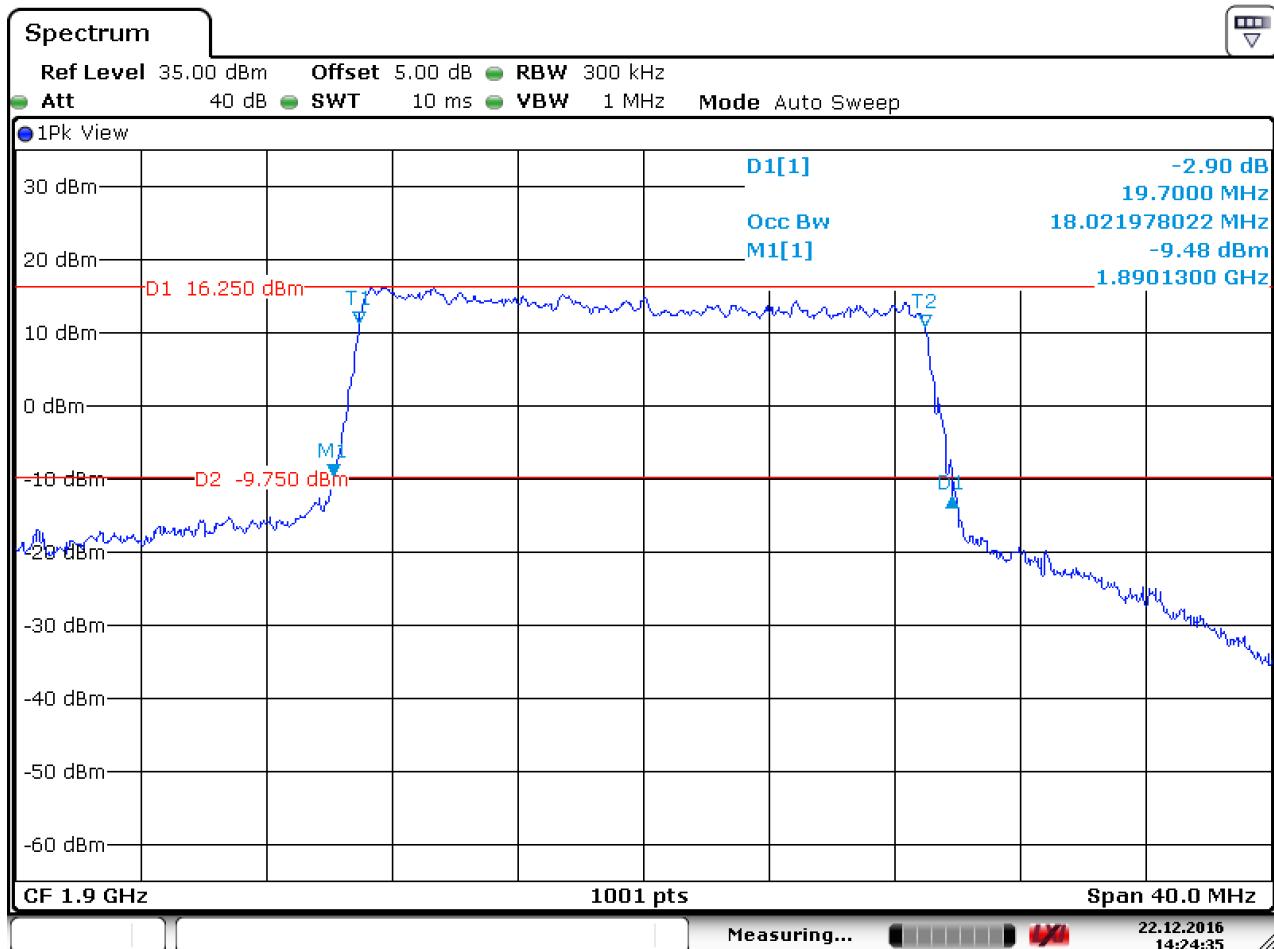
Date: 22.DEC.2016 14:51:06

4.1.1.11 Test Mode = LTE/TM1 20MHz**4.1.1.11.1 Test Channel = LCH**

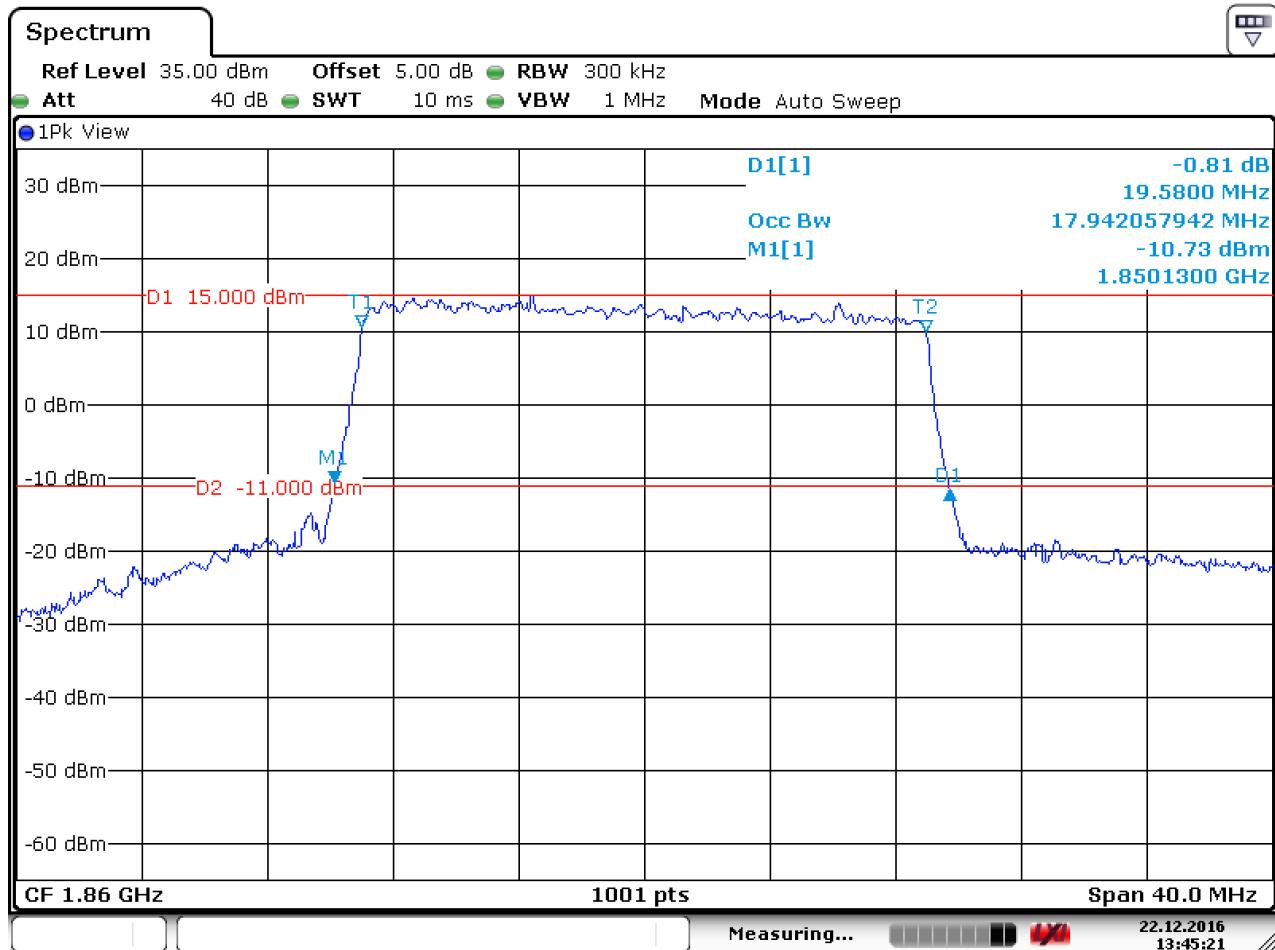
Date: 22.DEC.2016 14:23:07

4.1.1.11.2 Test Channel = MCH

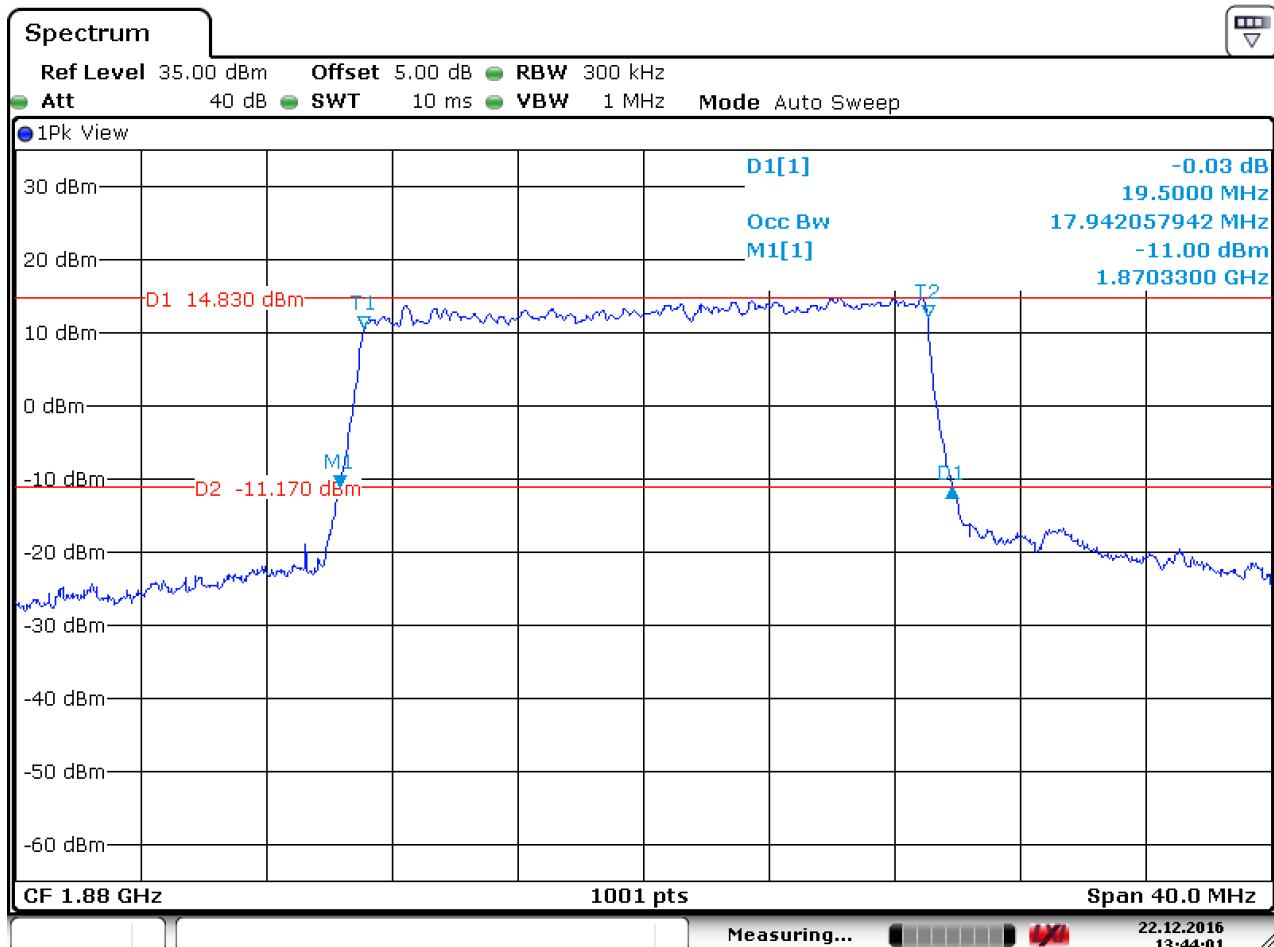
Date: 22.DEC.2016 13:42:10

4.1.1.11.3 Test Channel = HCH

Date: 22.DEC.2016 14:24:35

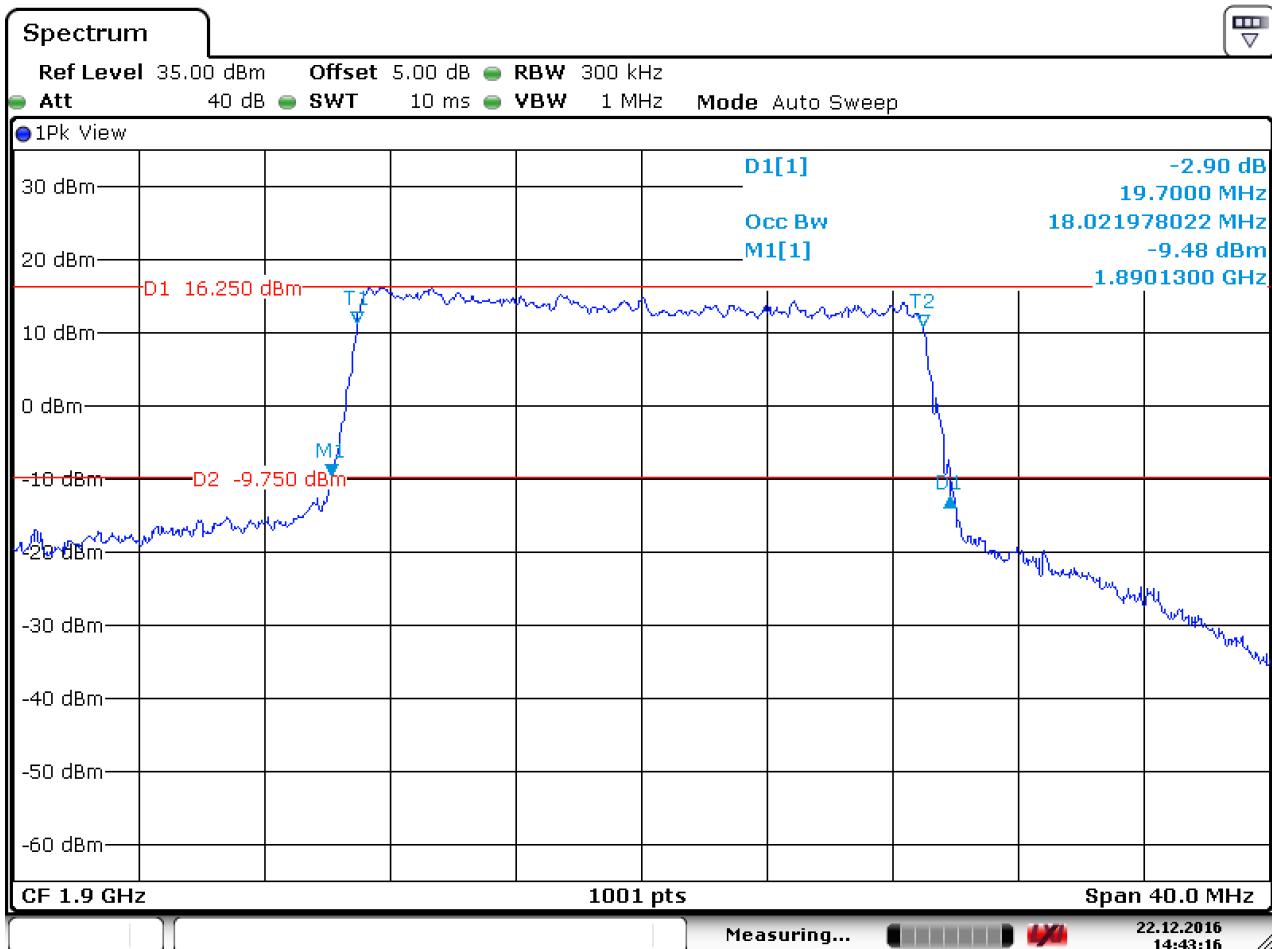
4.1.1.12 Test Mode = LTE/TM2 20MHz**4.1.1.12.1 Test Channel = LCH**

Date: 22.DEC.2016 13:45:21

4.1.1.12.2 Test Channel = MCH

Date: 22.DEC.2016 13:44:02

4.1.1.12.3 Test Channel = HCH



Date: 22.DEC.2016 14:43:17

5 Band Edges Compliance

Part I –

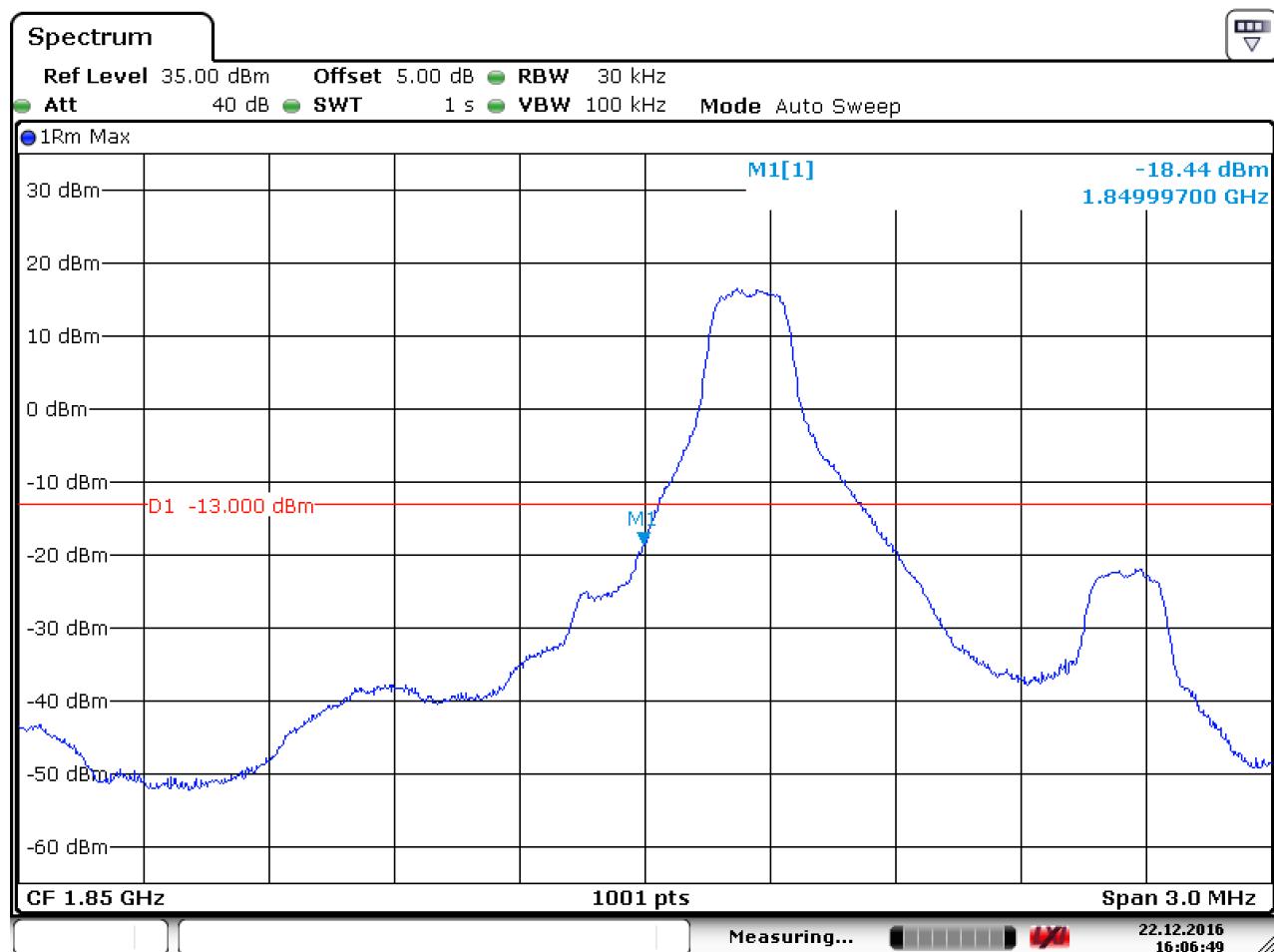
5.1 For LTE

5.1.1 Test Band = LTE band2

5.1.1.1 Test Mode = LTE/TM1 1.4MHz

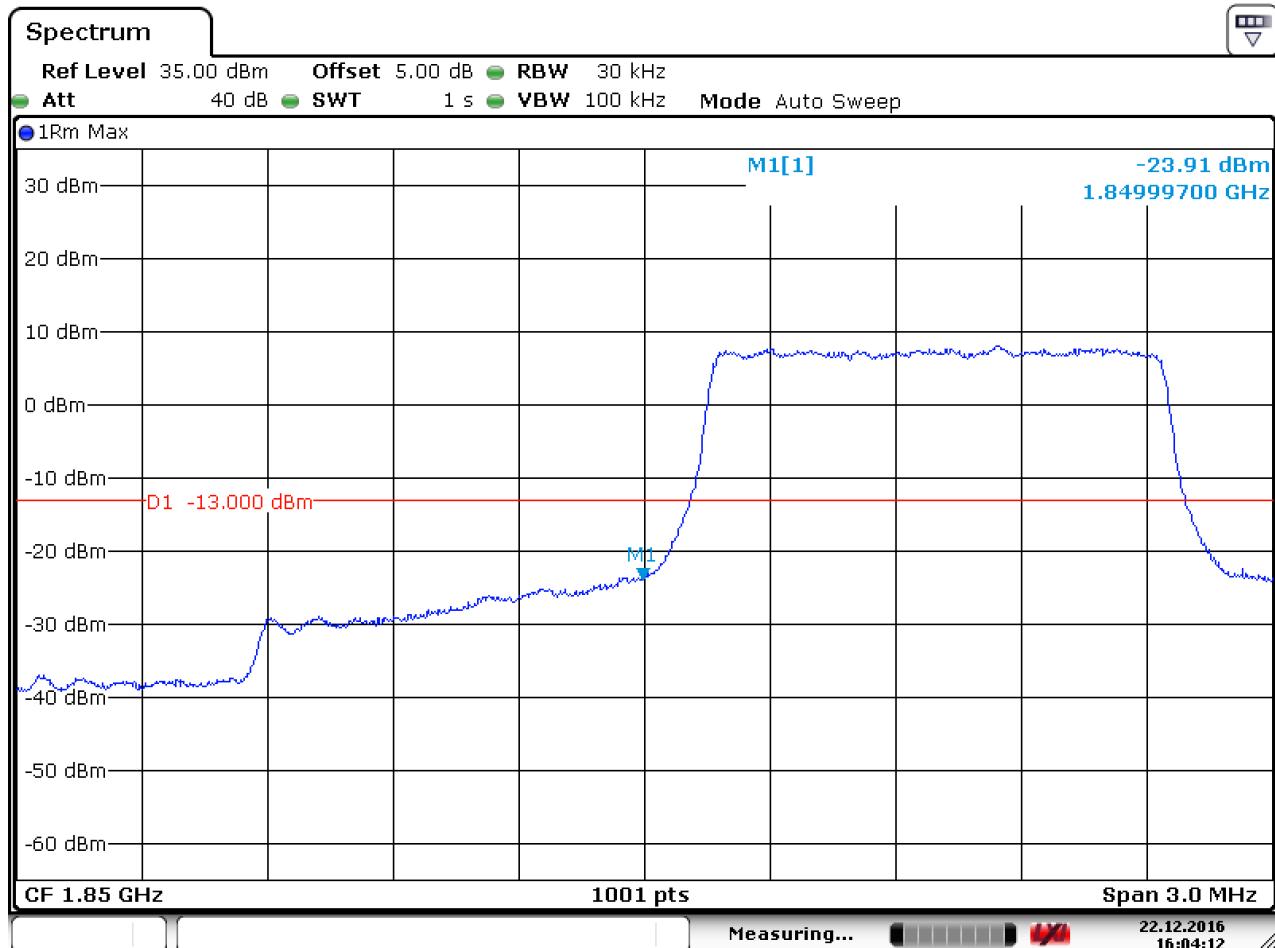
5.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1 Test RB=1RB



Date: 22.DEC.2016 16:06:49

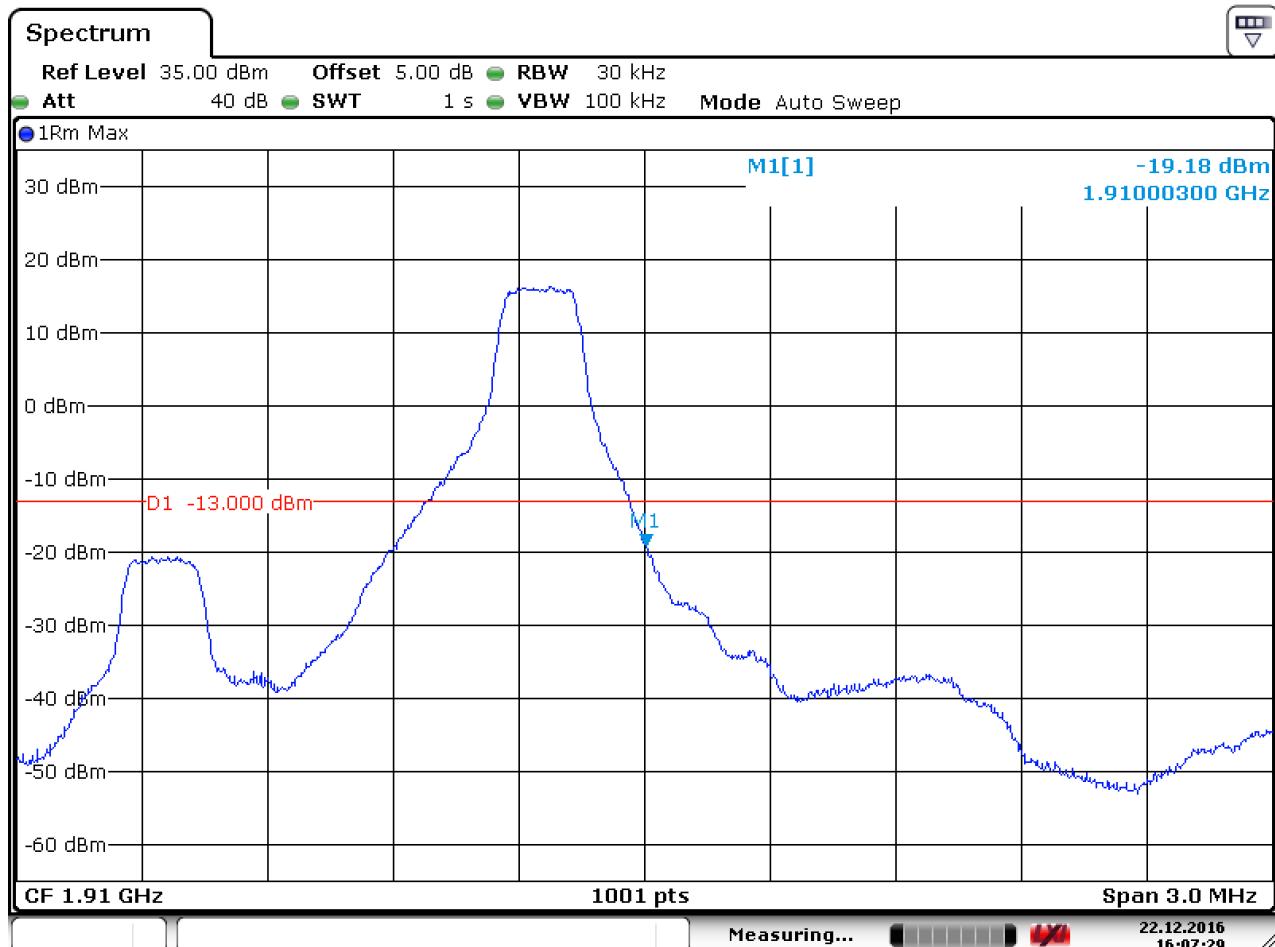
5.1.1.1.1.2 Test RB=6RB



Date: 22.DEC.2016 16:04:13

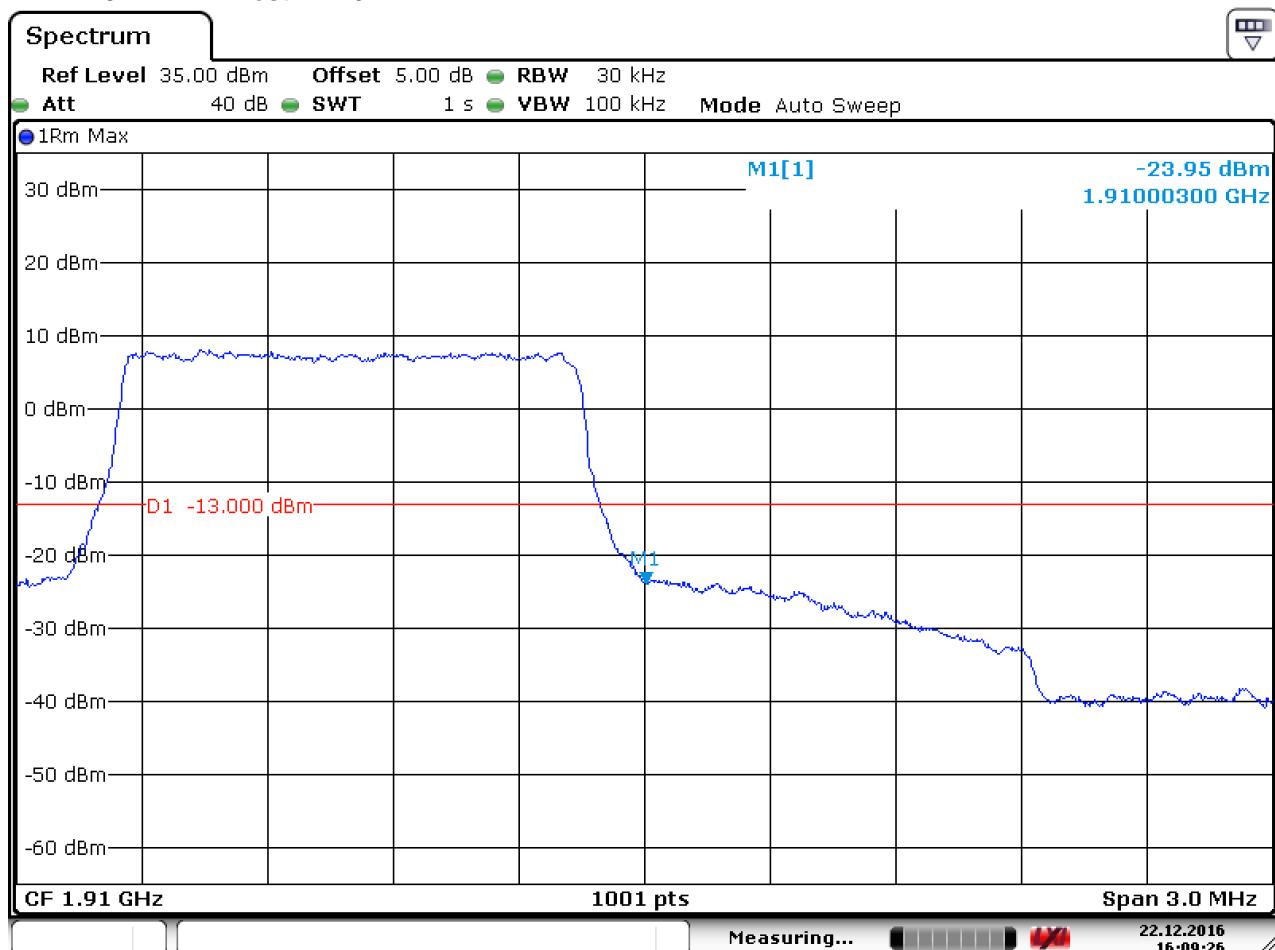
5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB



Date: 22.DEC.2016 16:07:30

5.1.1.1.2.2 Test RB=6RB

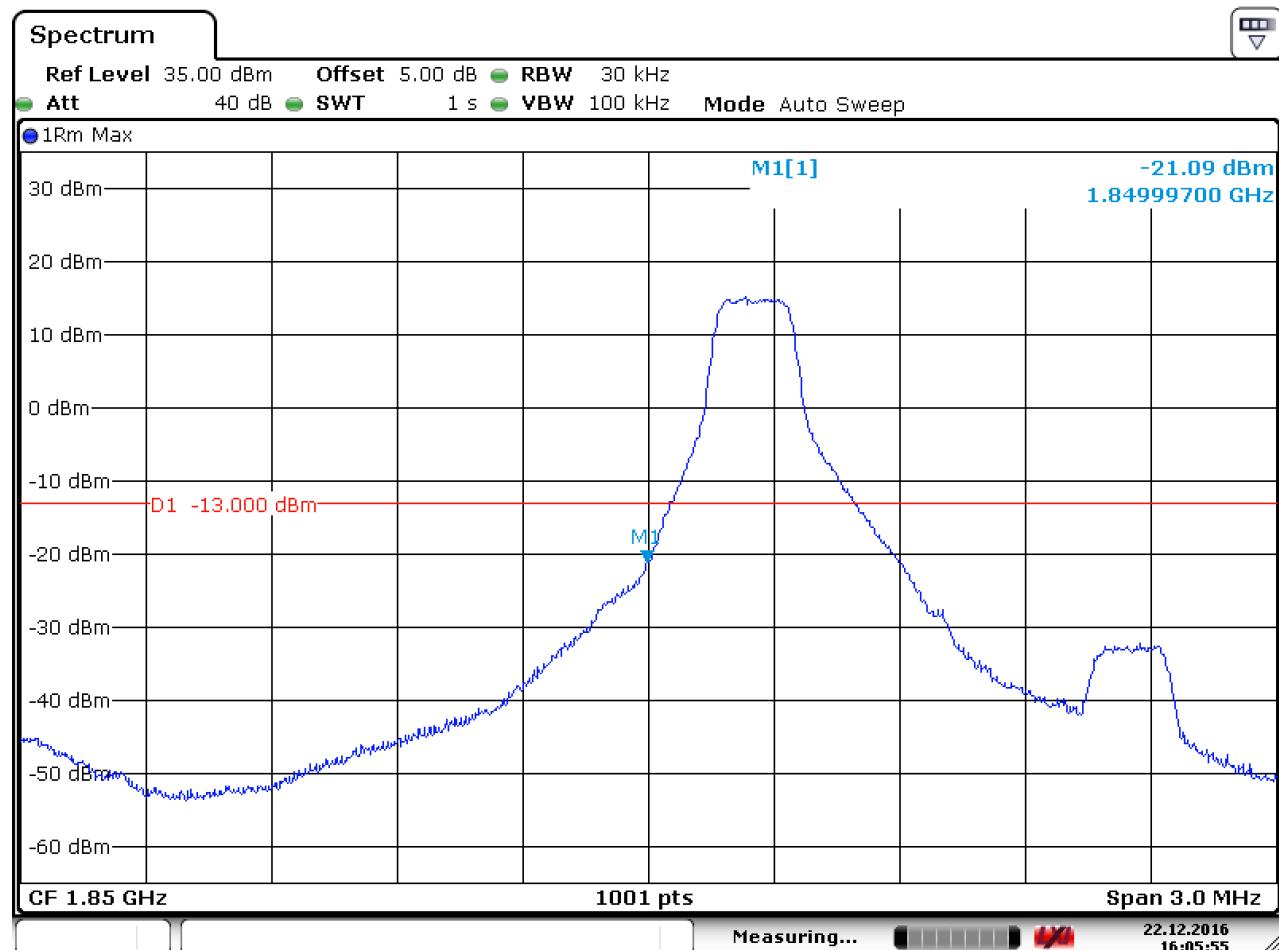


Date: 22.DEC.2016 16:09:26

5.1.1.2 Test Mode = LTE/TM2 1.4MHz

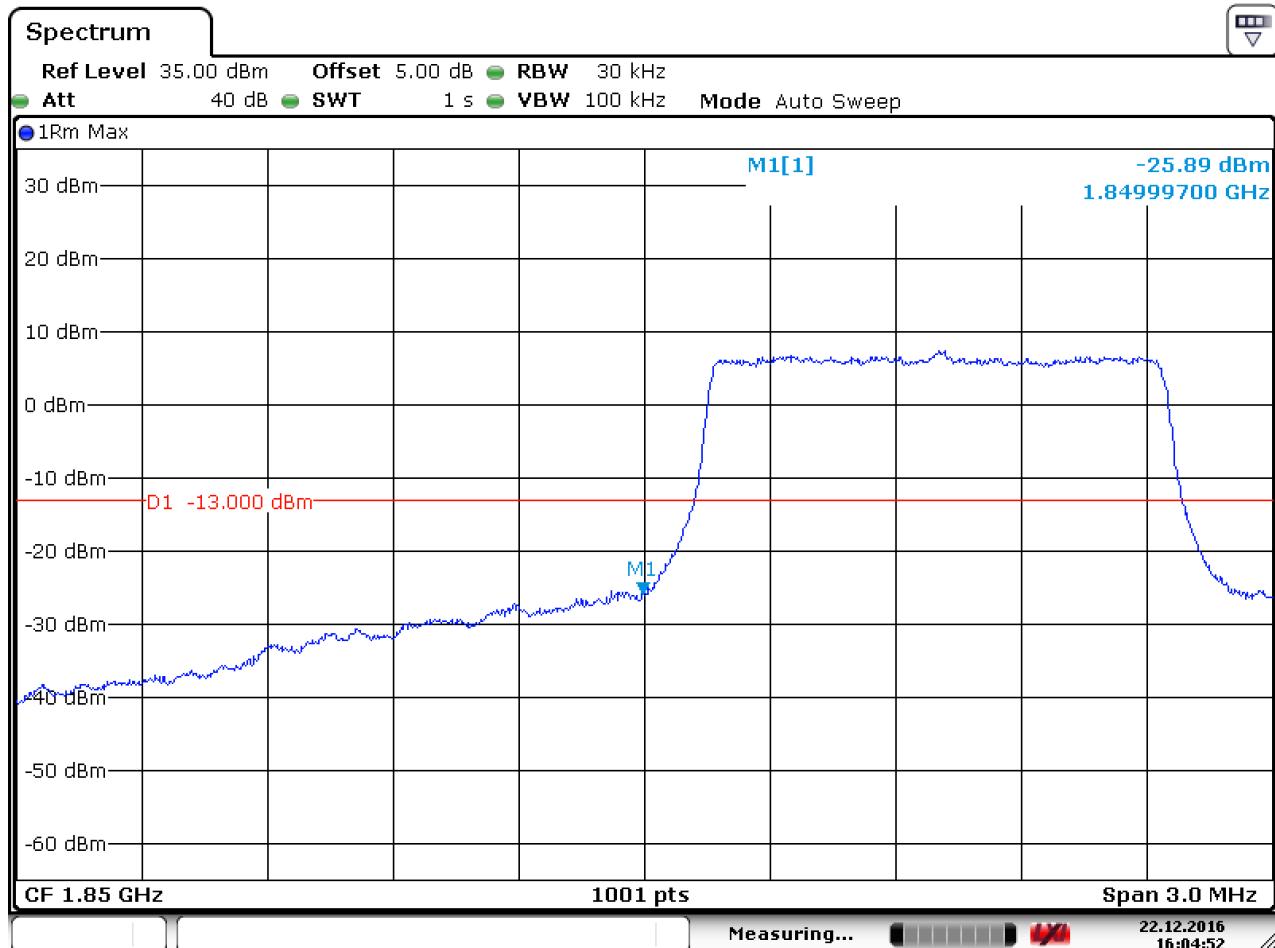
5.1.1.2.1 Test Channel = LCH

5.1.1.2.1.1 Test RB=1RB

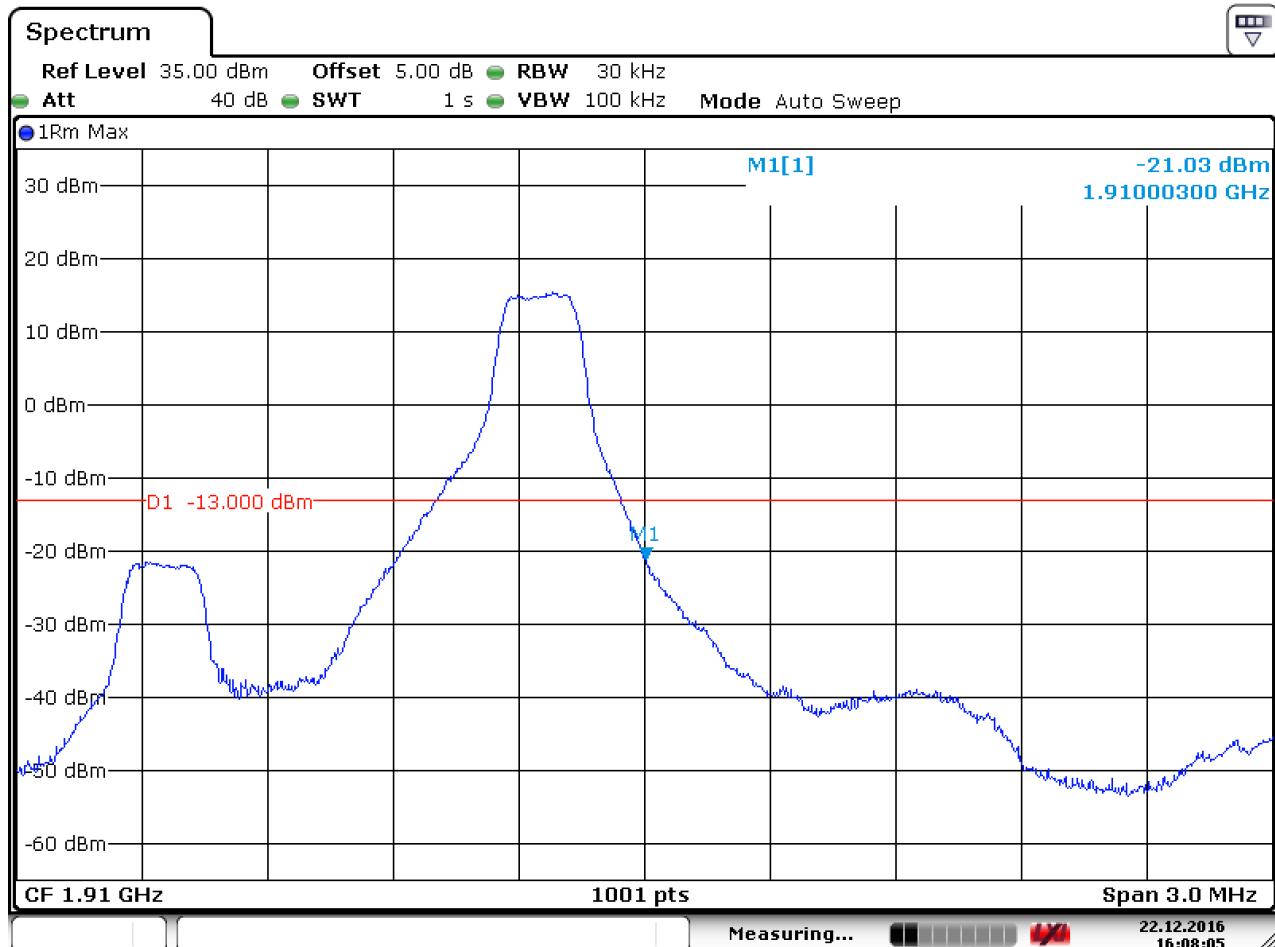


Date: 22.DEC.2016 16:05:56

5.1.1.2.1.2 Test RB=6RB

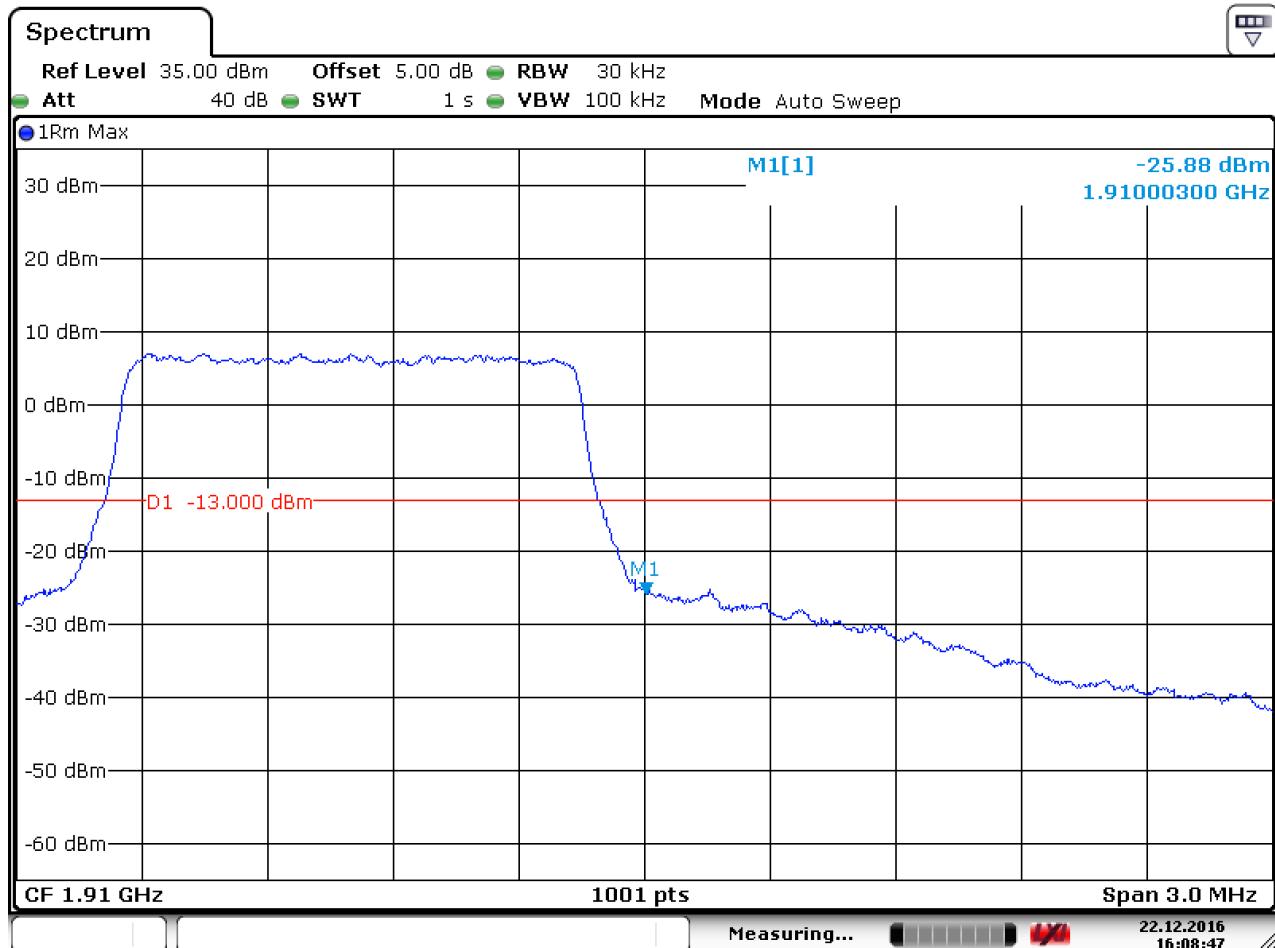


Date: 22.DEC.2016 16:04:53

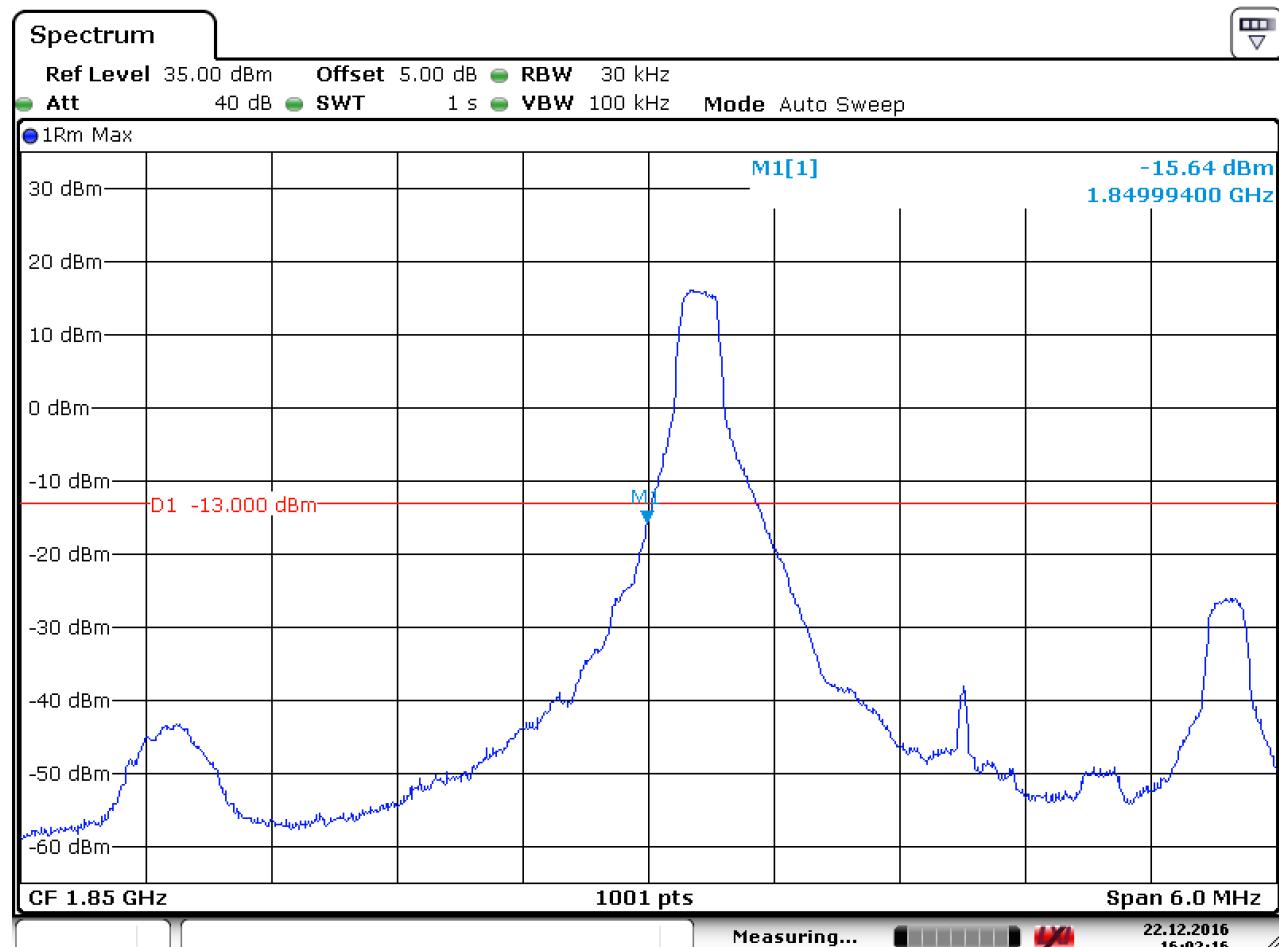
5.1.1.2.2 Test Channel = HCH**5.1.1.2.2.1 Test RB=1RB**

Date: 22.DEC.2016 16:08:05

5.1.1.2.2.2 Test RB=6RB

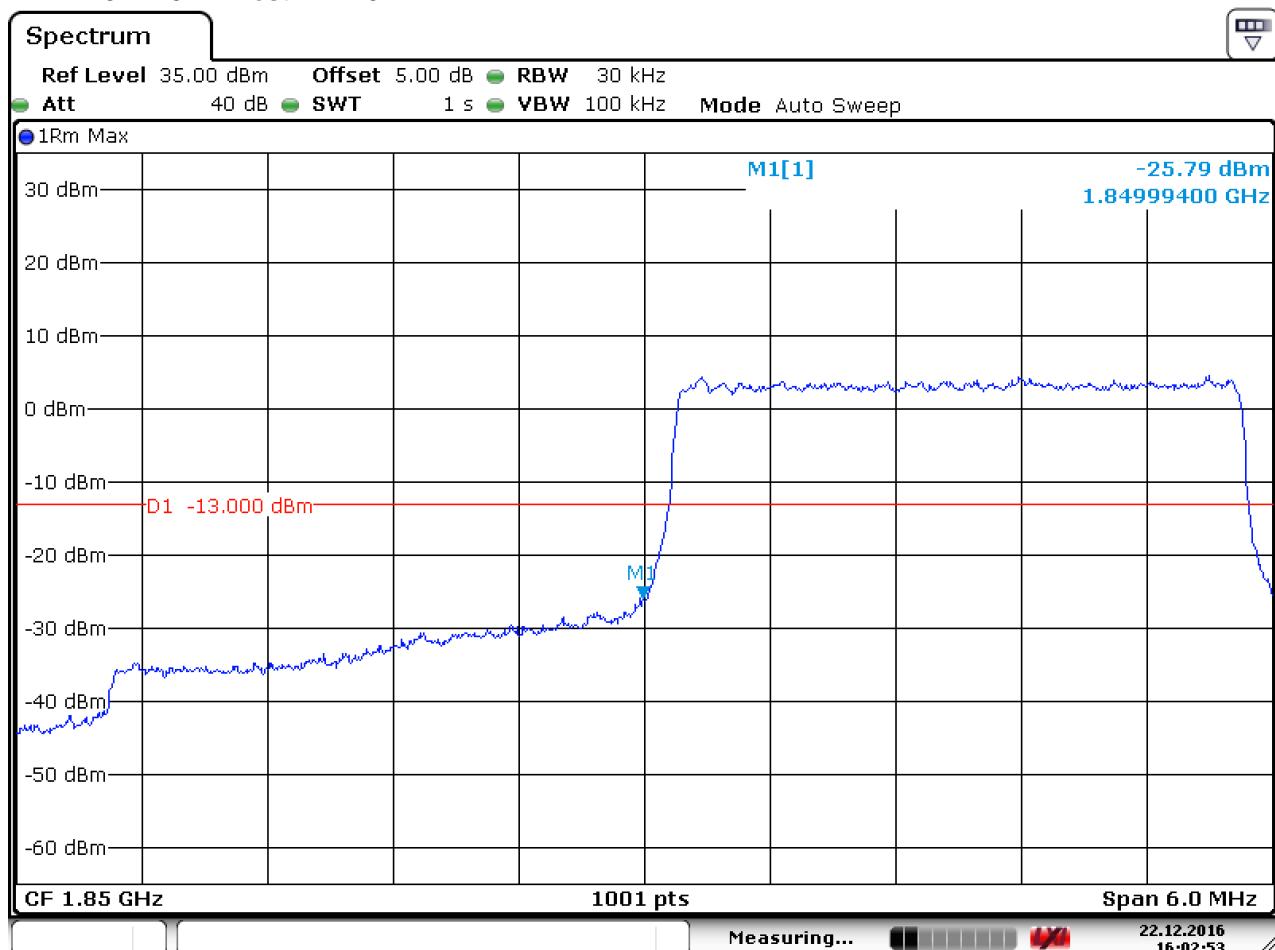


Date: 22.DEC.2016 16:08:48

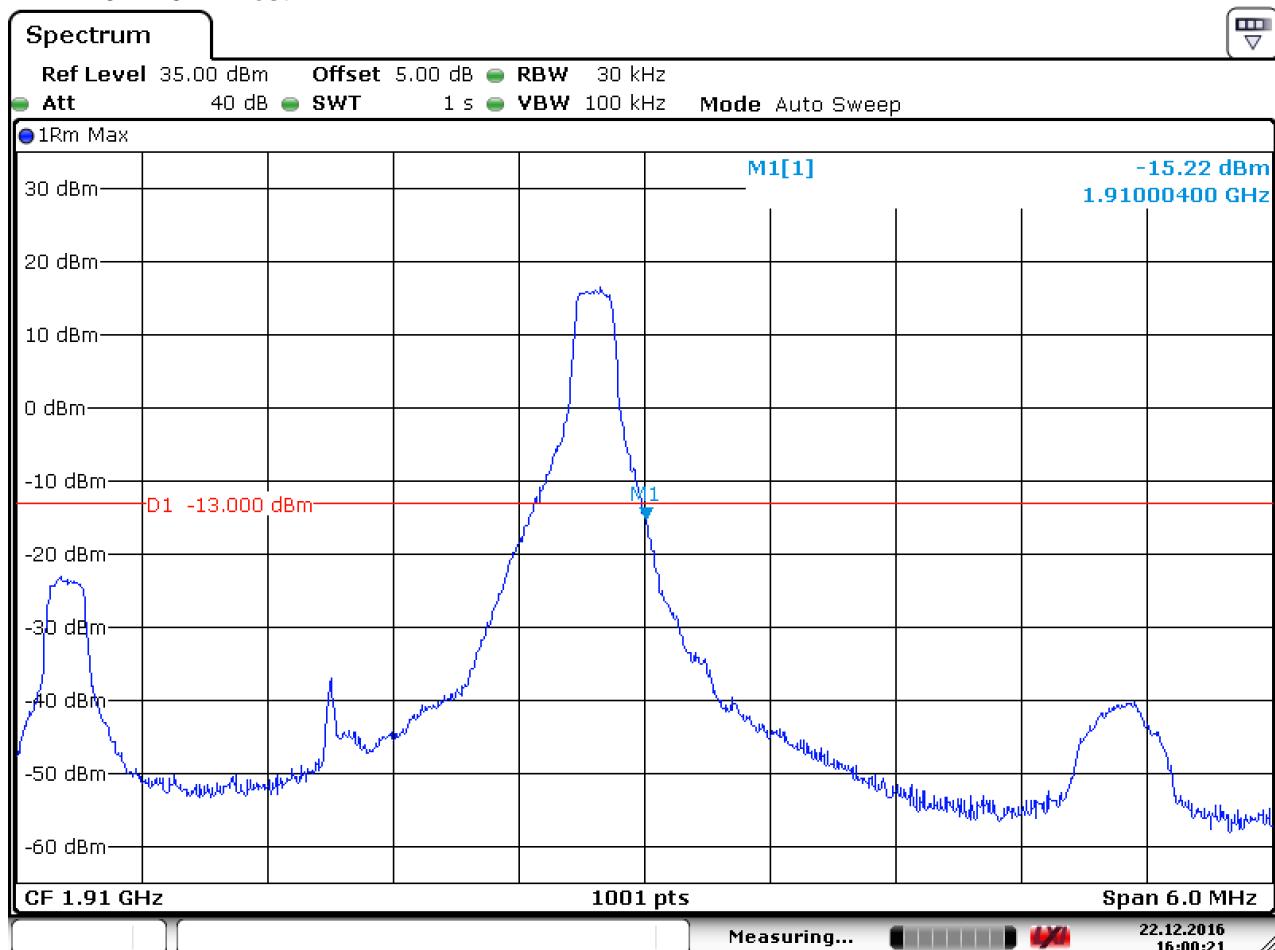
5.1.1.3 Test Mode = LTE/TM1 3MHz**5.1.1.3.1 Test Channel = LCH****5.1.1.3.1.1 Test RB=1RB**

Date: 22.DEC.2016 16:02:16

5.1.1.3.1.2 Test RB=15RB

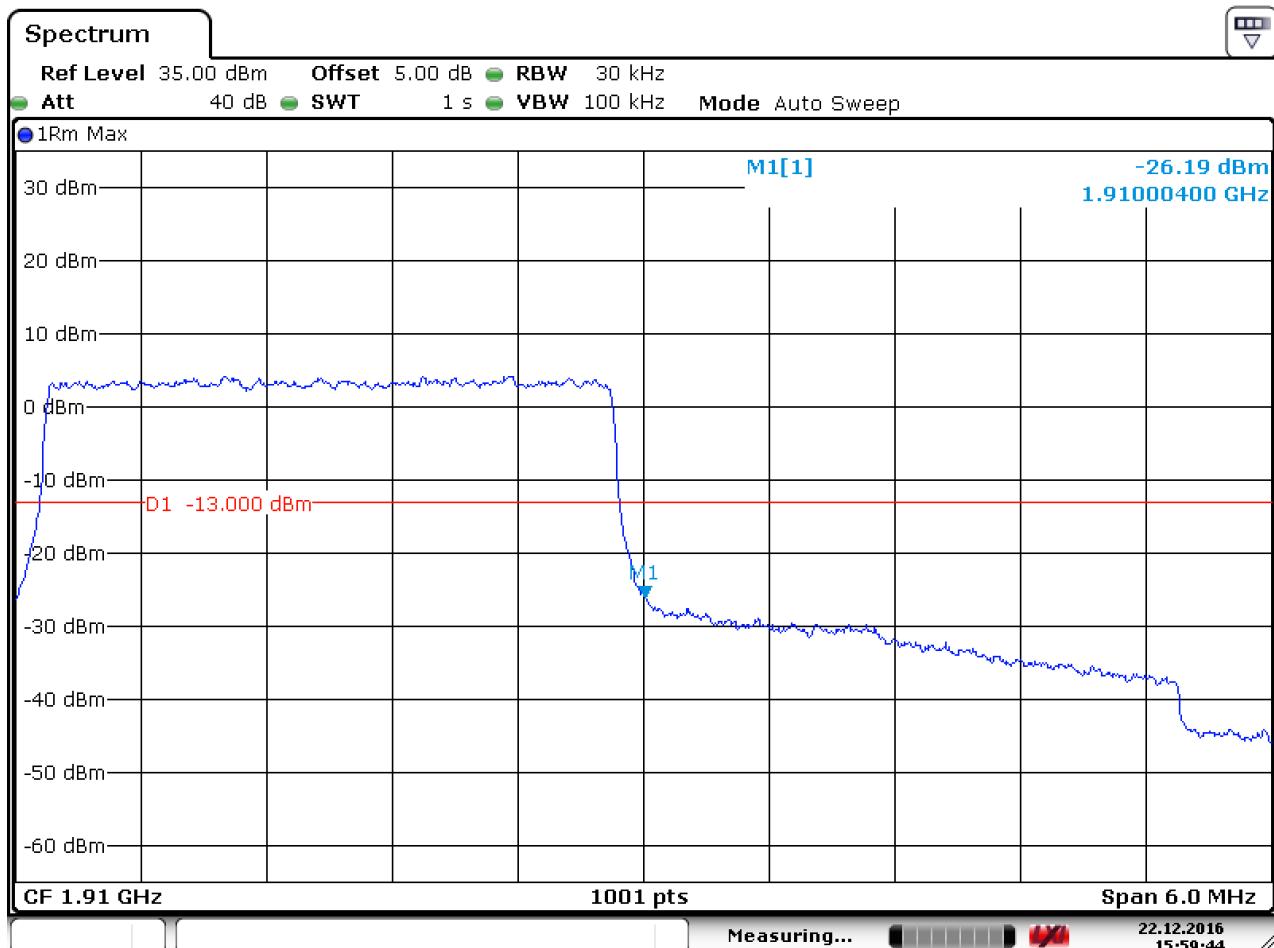


Date: 22.DEC.2016 16:02:53

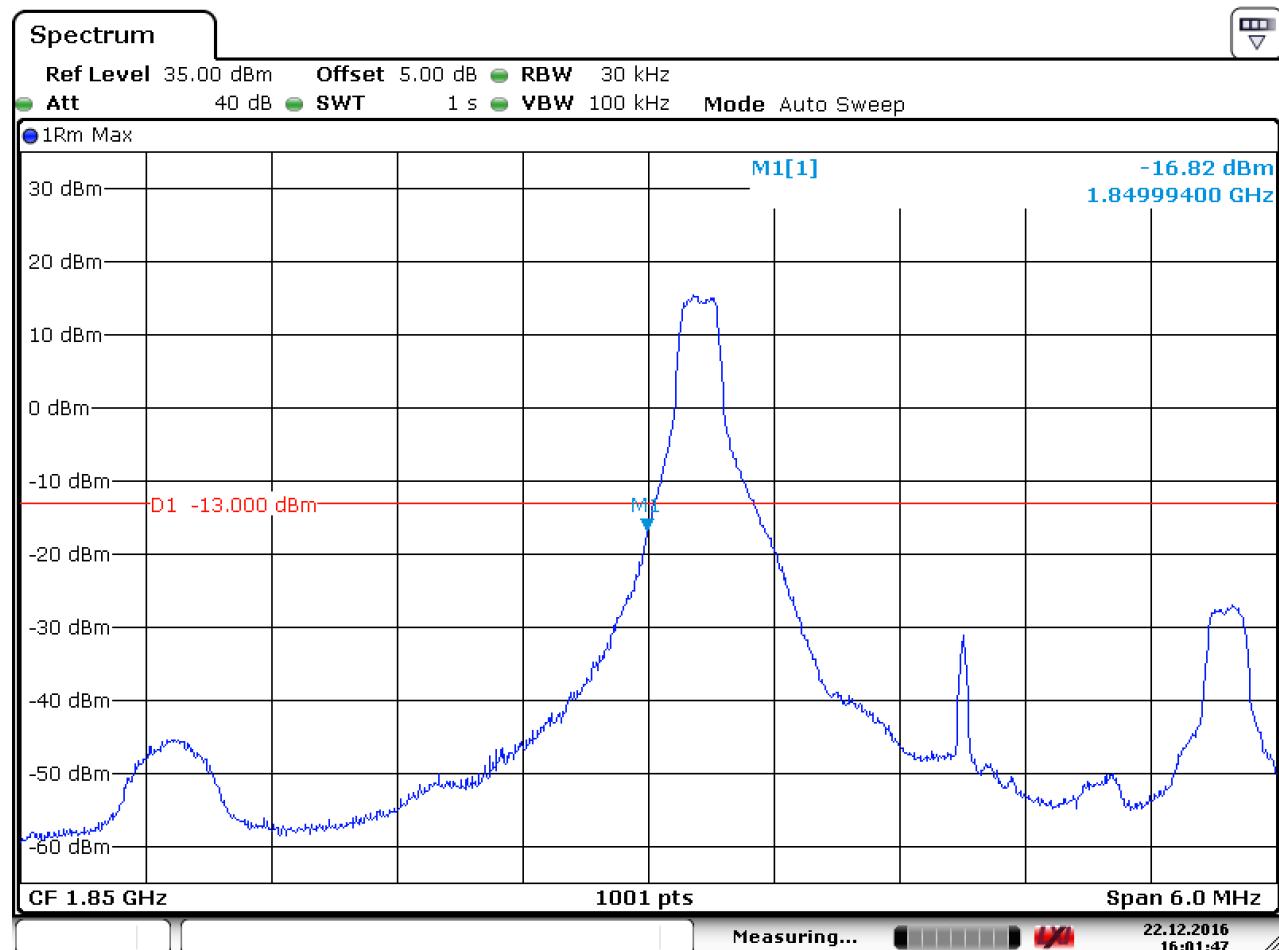
5.1.1.3.2 Test Channel = HCH**5.1.1.3.2.1 Test RB=1RB**

Date: 22.DEC.2016 16:00:21

5.1.1.3.2.2 Test RB=15RB

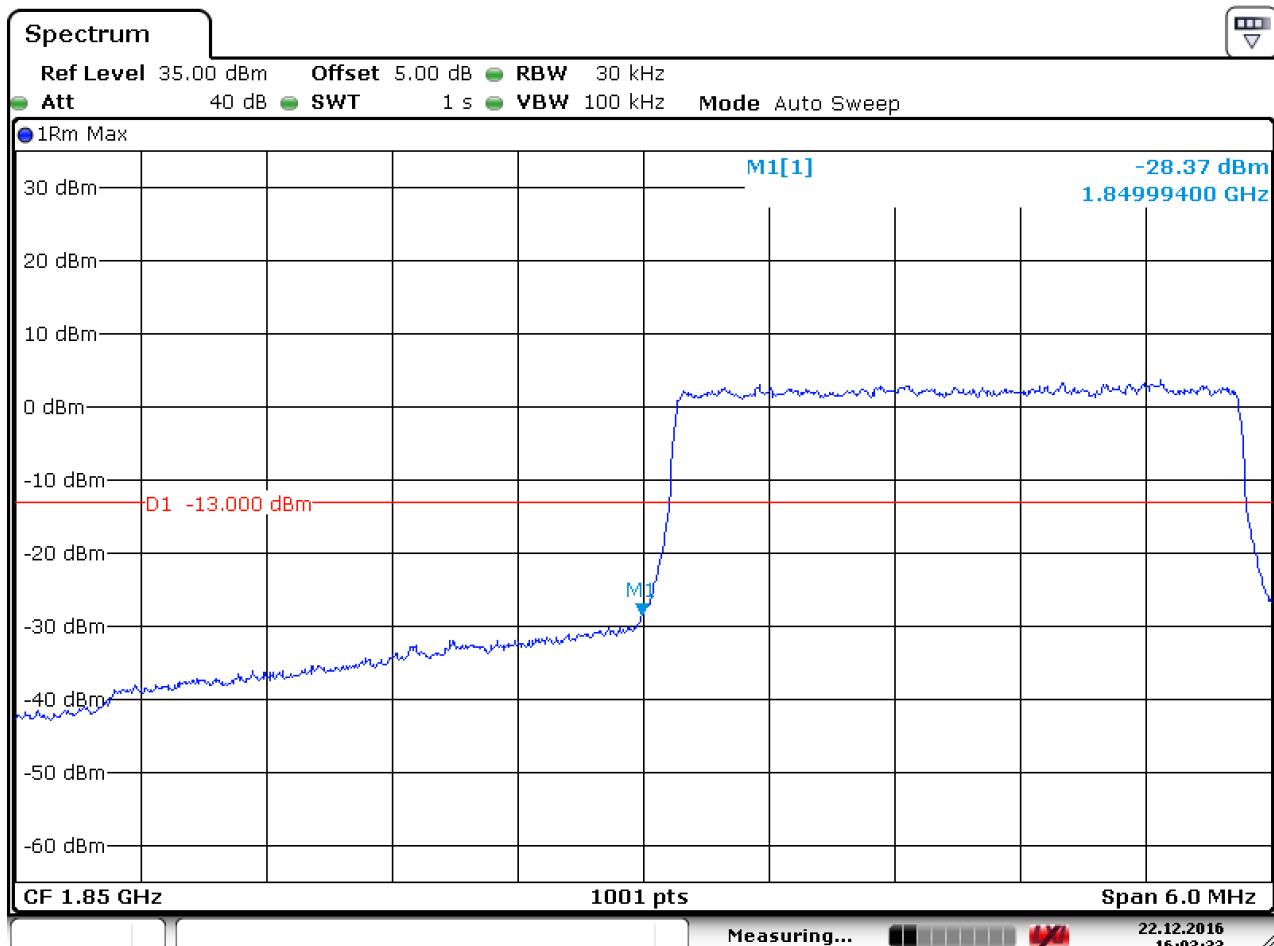


Date: 22.DEC.2016 15:59:45

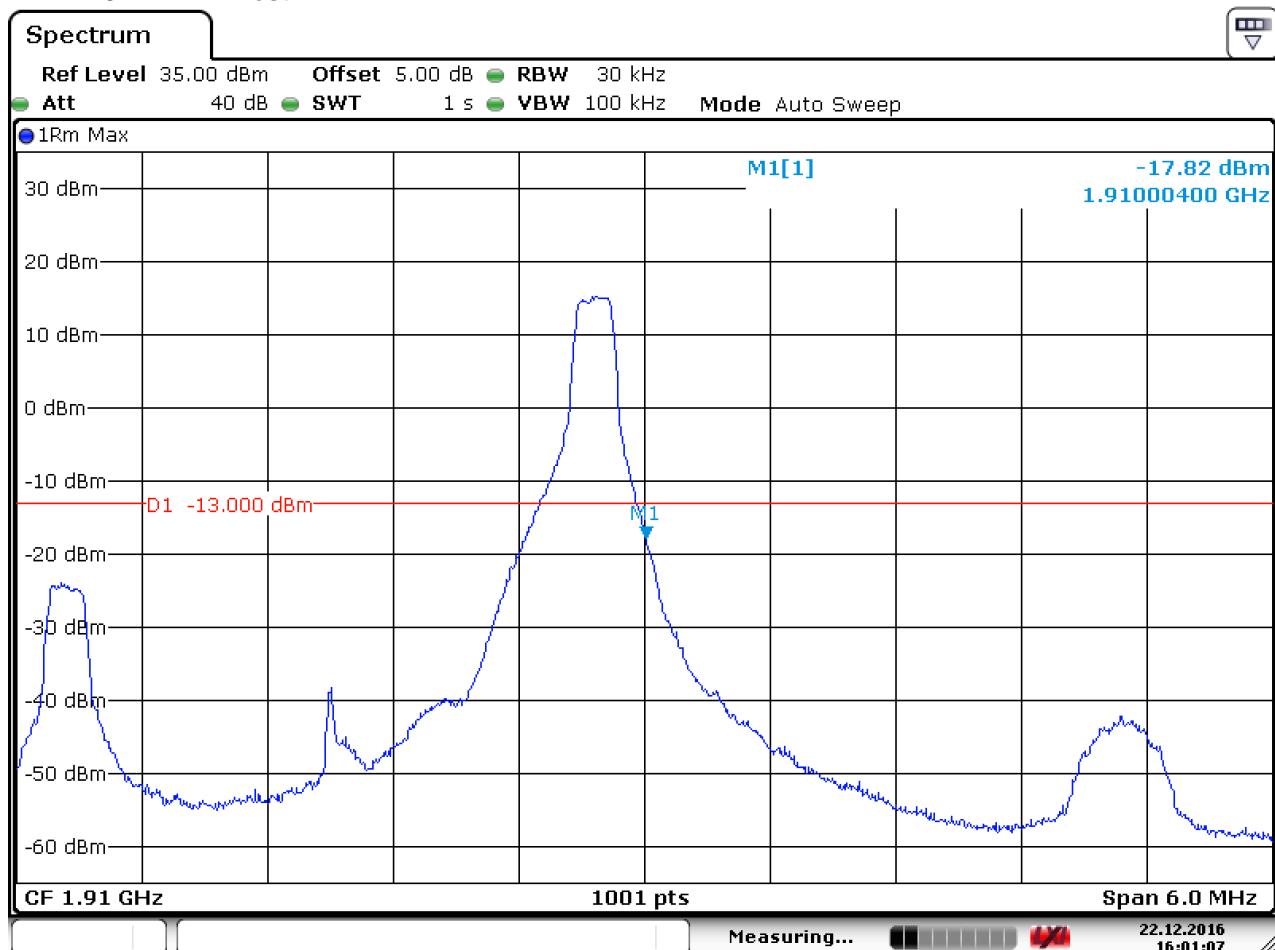
5.1.1.4 Test Mode = LTE/TM2 3MHz**5.1.1.4.1 Test Channel = LCH****5.1.1.4.1.1 Test RB=1RB**

Date: 22.DEC.2016 16:01:47

5.1.1.4.1.2 Test RB=15RB

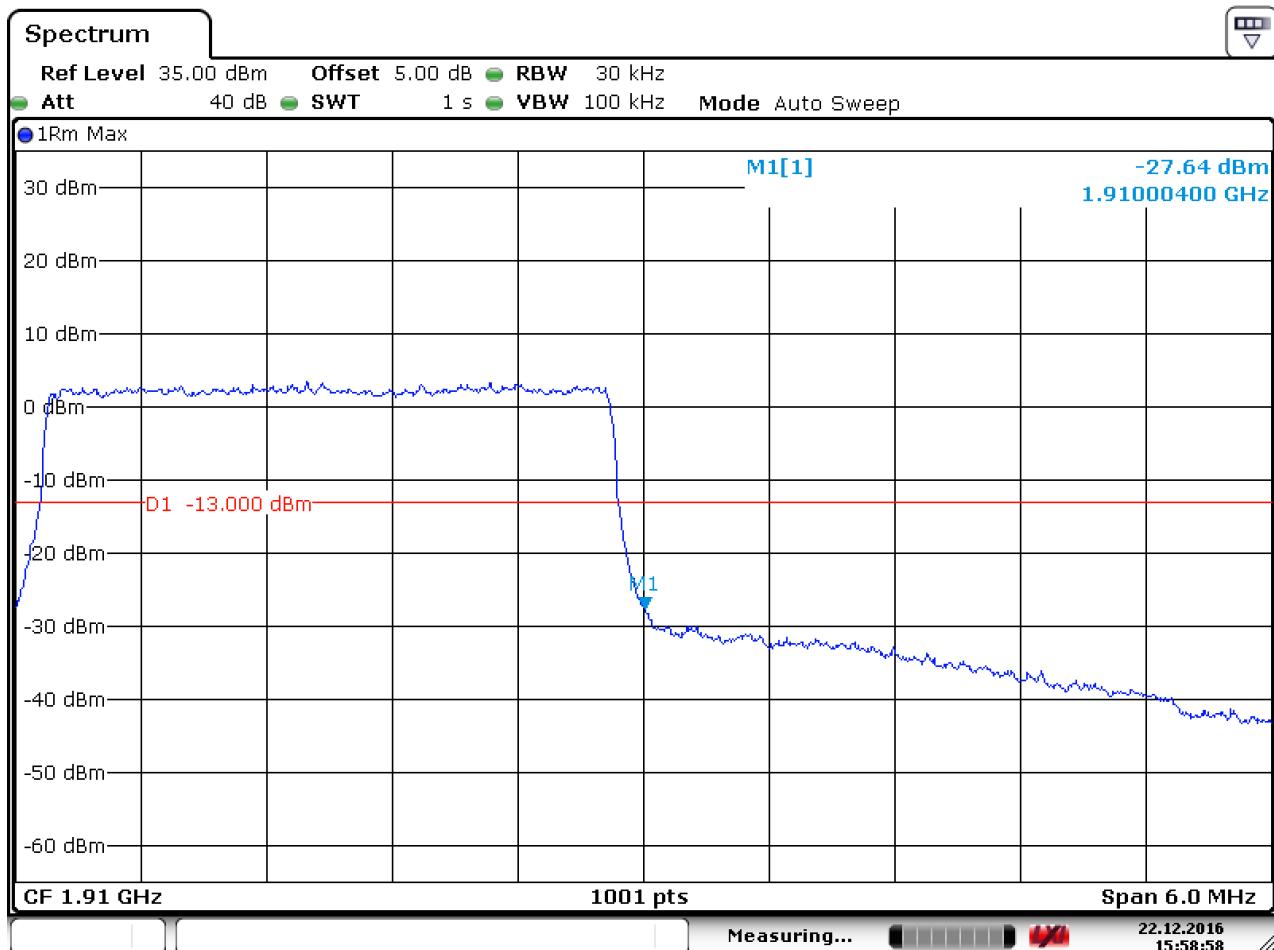


Date: 22.DEC.2016 16:03:33

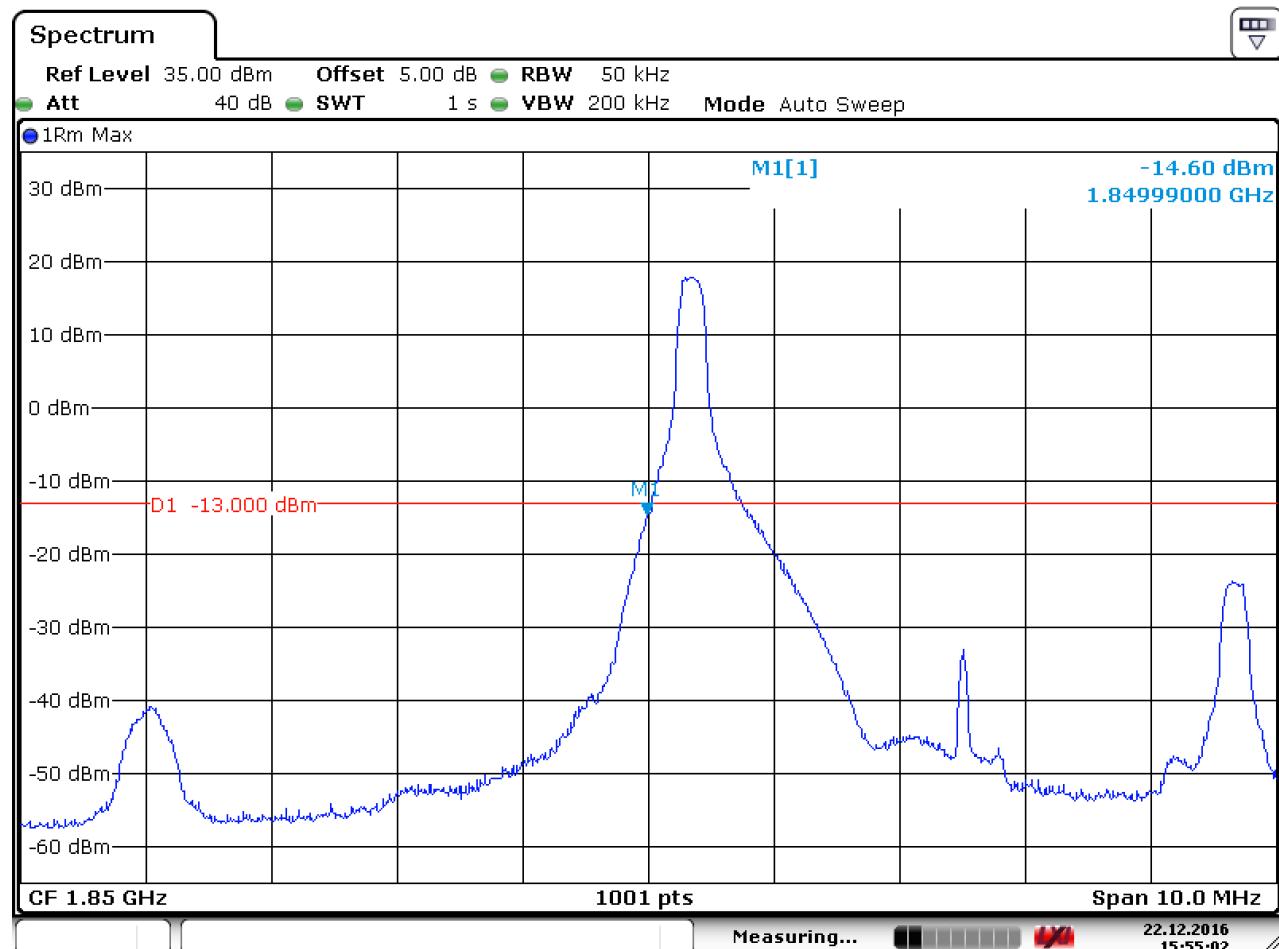
5.1.1.4.2 Test Channel = HCH**5.1.1.4.2.1 Test RB=1RB**

Date: 22.DEC.2016 16:01:07

5.1.1.4.3 Test RB=15RB

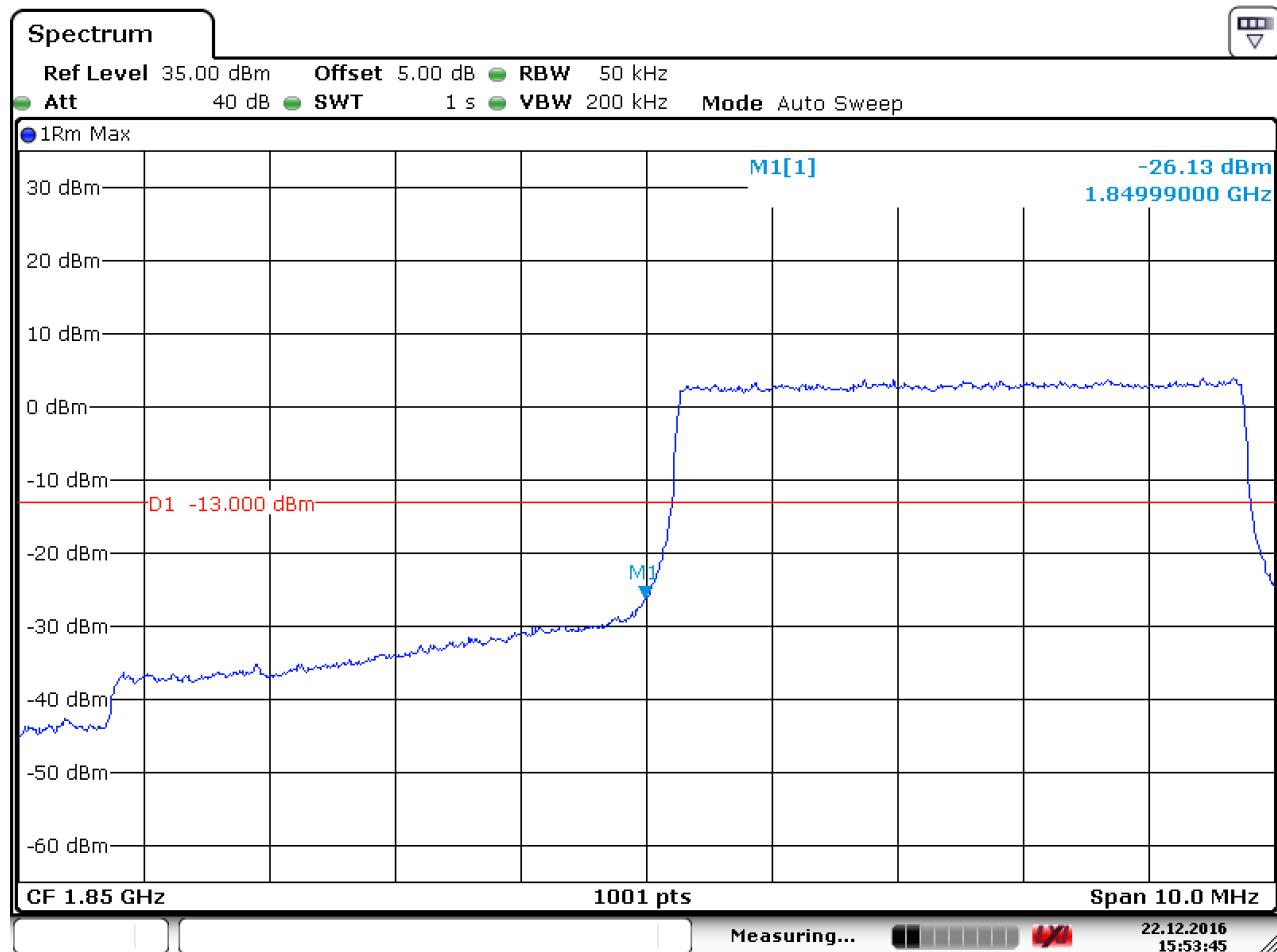


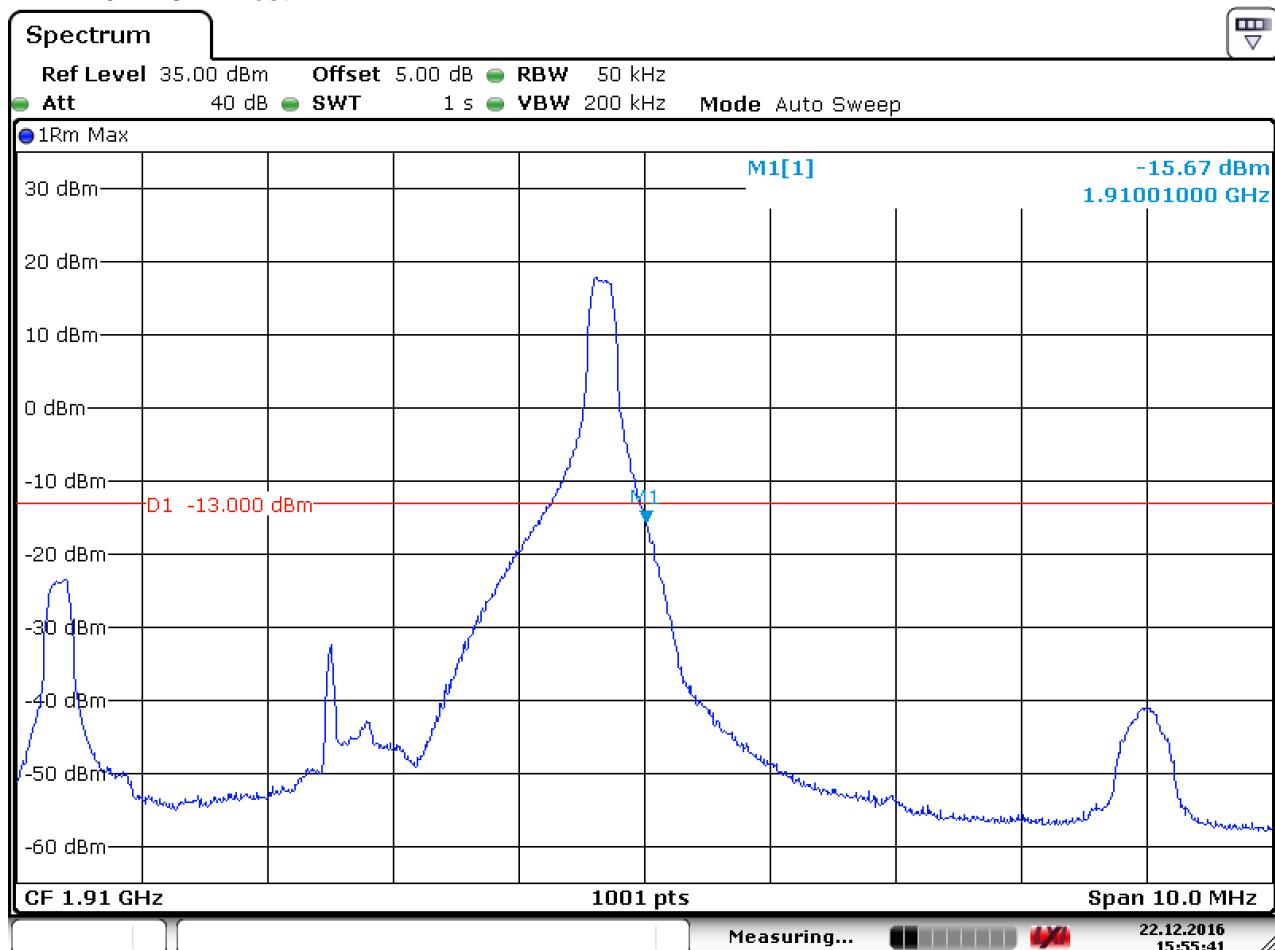
Date: 22.DEC.2016 15:58:59

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**

Date: 22.DEC.2016 15:55:02

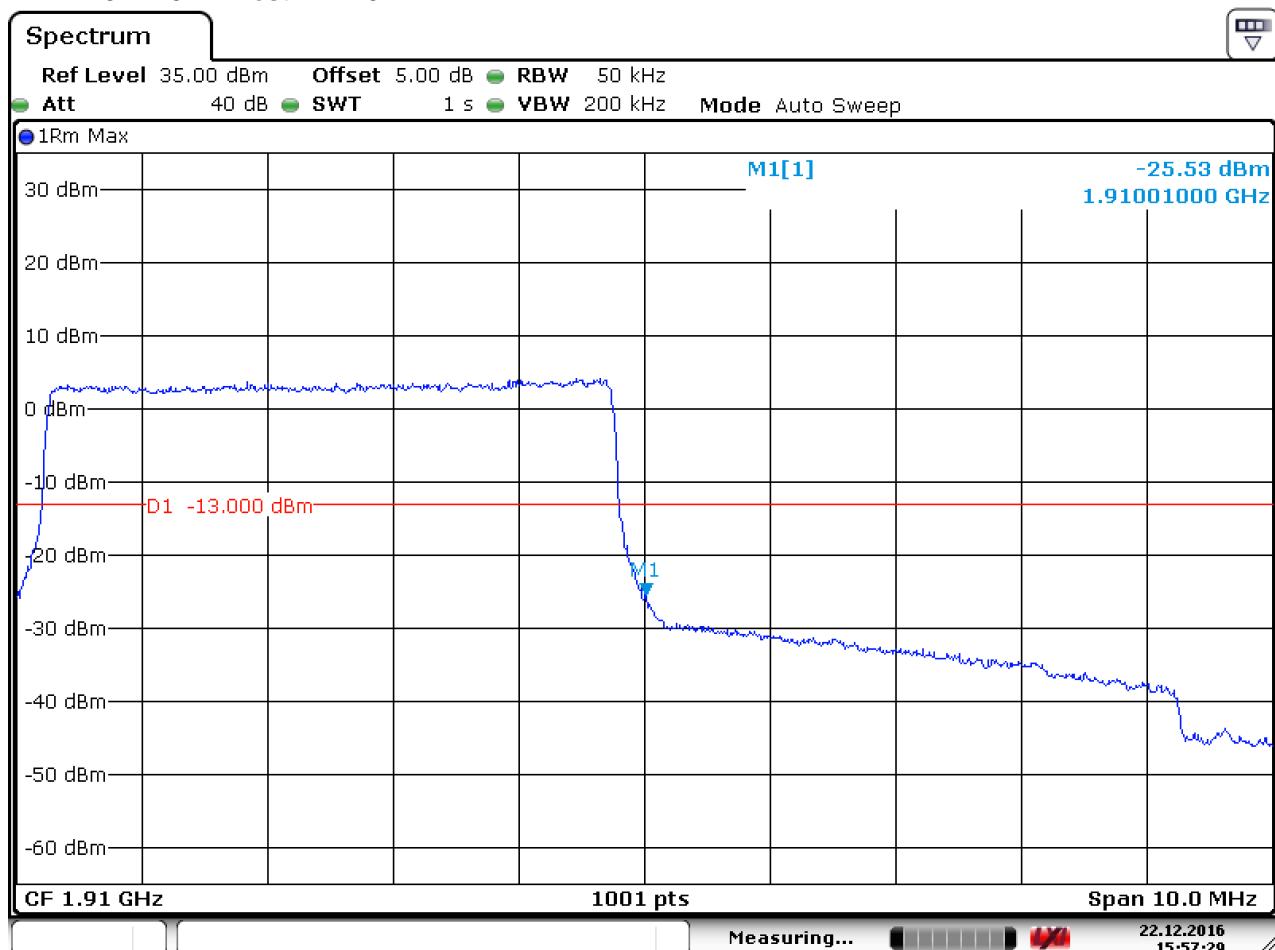
5.1.1.5.1.2 Test RB=25RB



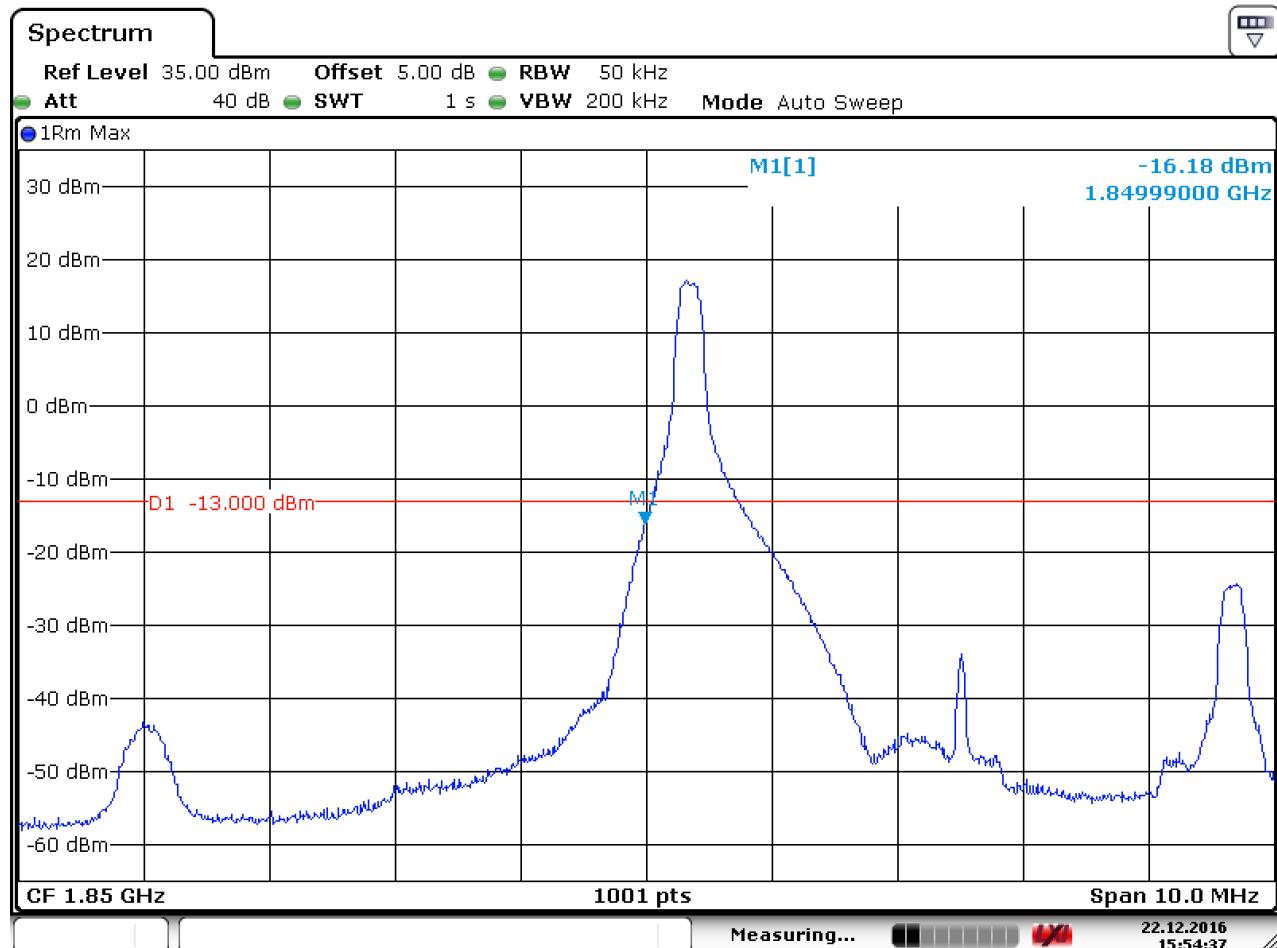
5.1.1.5.2 Test Channel = HCH**5.1.1.5.2.1 Test RB=1RB**

Date: 22.DEC.2016 15:55:42

5.1.1.5.2.2 Test RB=25RB

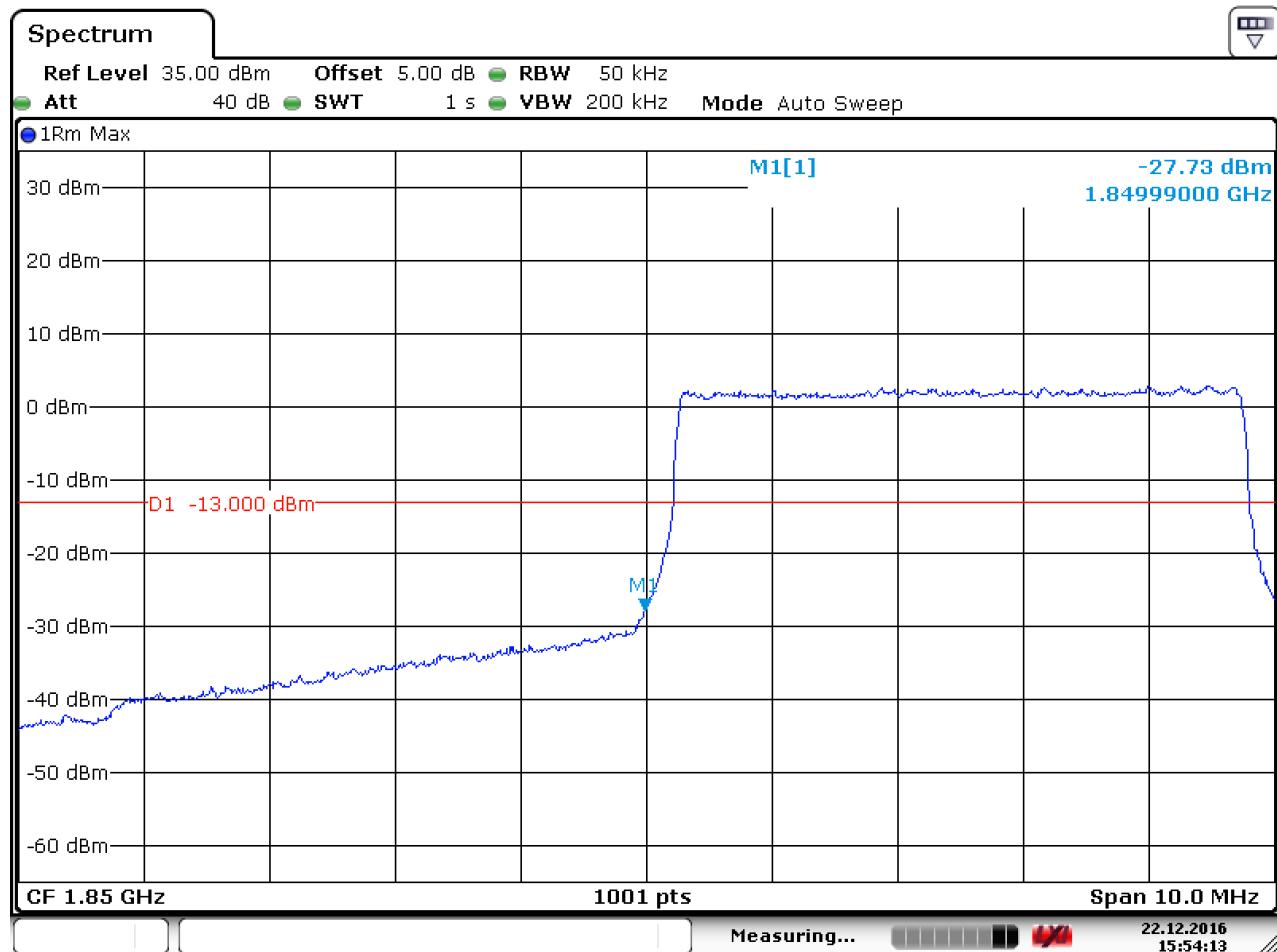


Date: 22.DEC.2016 15:57:29

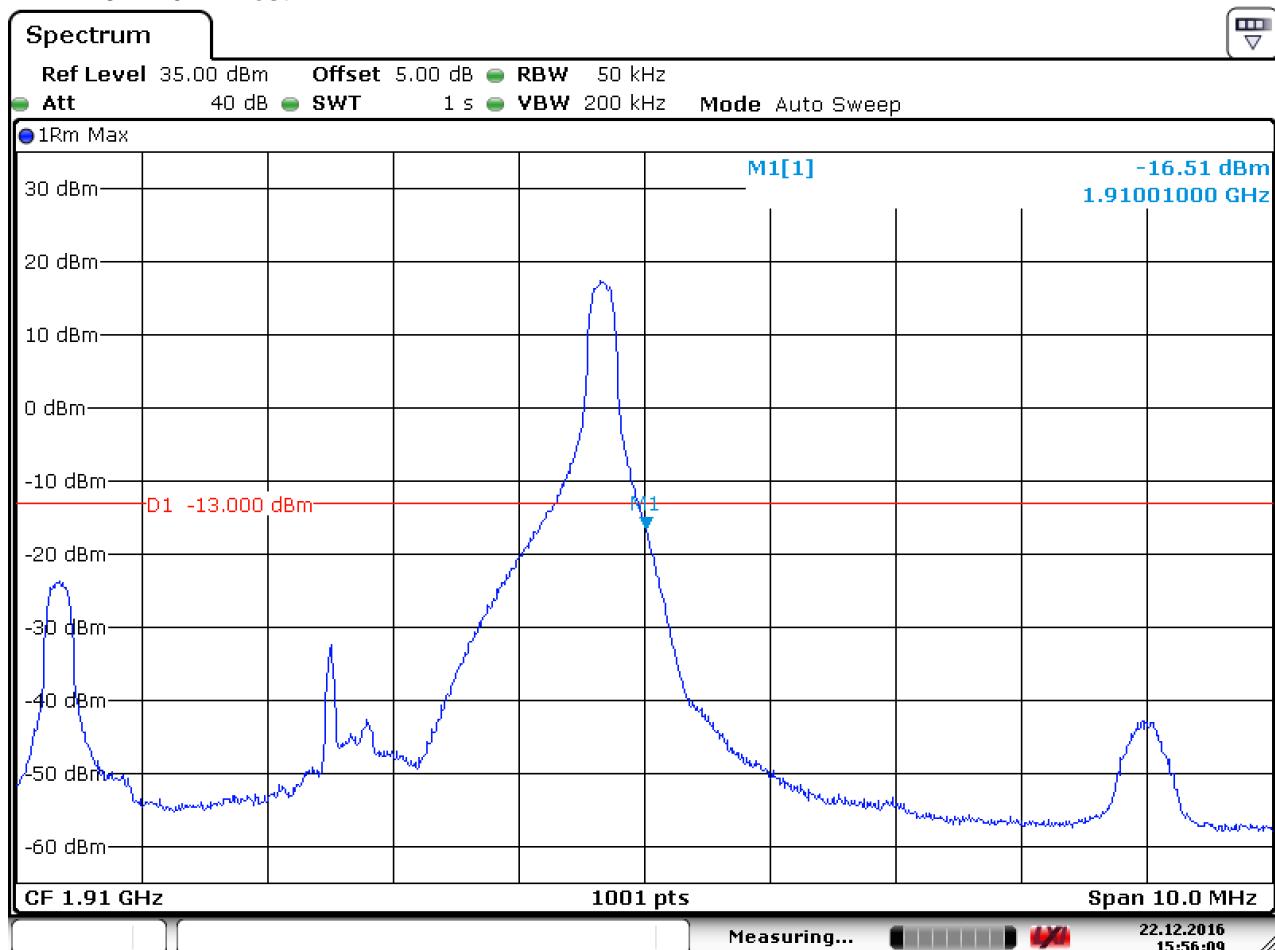
5.1.1.6 Test Mode = LTE/TM2 5MHz**5.1.1.6.1 Test Channel = LCH****5.1.1.6.1.1 Test RB=1RB**

Date: 22.DEC.2016 15:54:38

5.1.1.6.1.2 Test RB=25RB

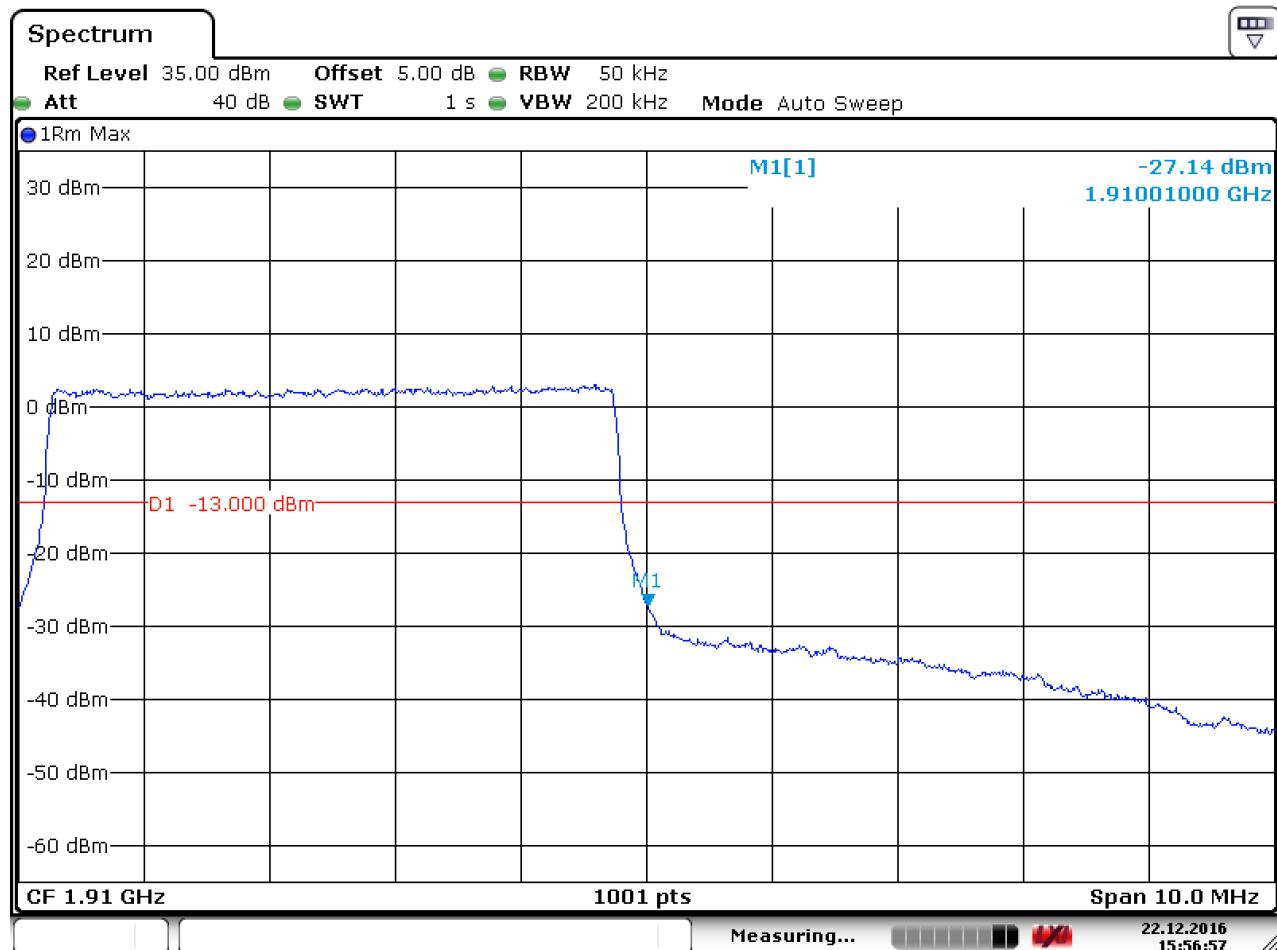


Date: 22.DEC.2016 15:54:13

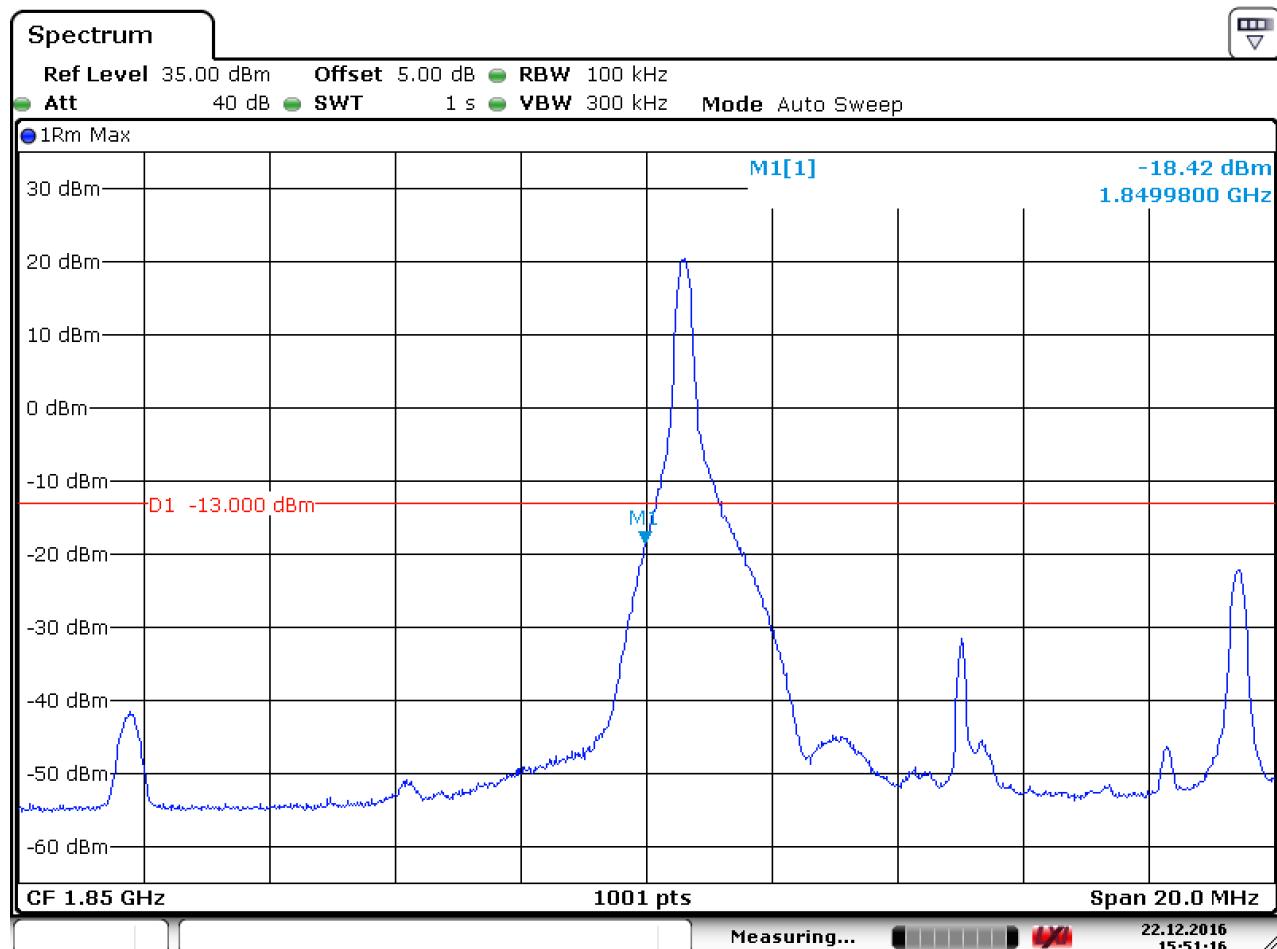
5.1.1.6.2 Test Channel = HCH**5.1.1.6.2.1 Test RB=1RB**

Date: 22.DEC.2016 15:56:09

5.1.1.6.2.2 Test RB=25RB

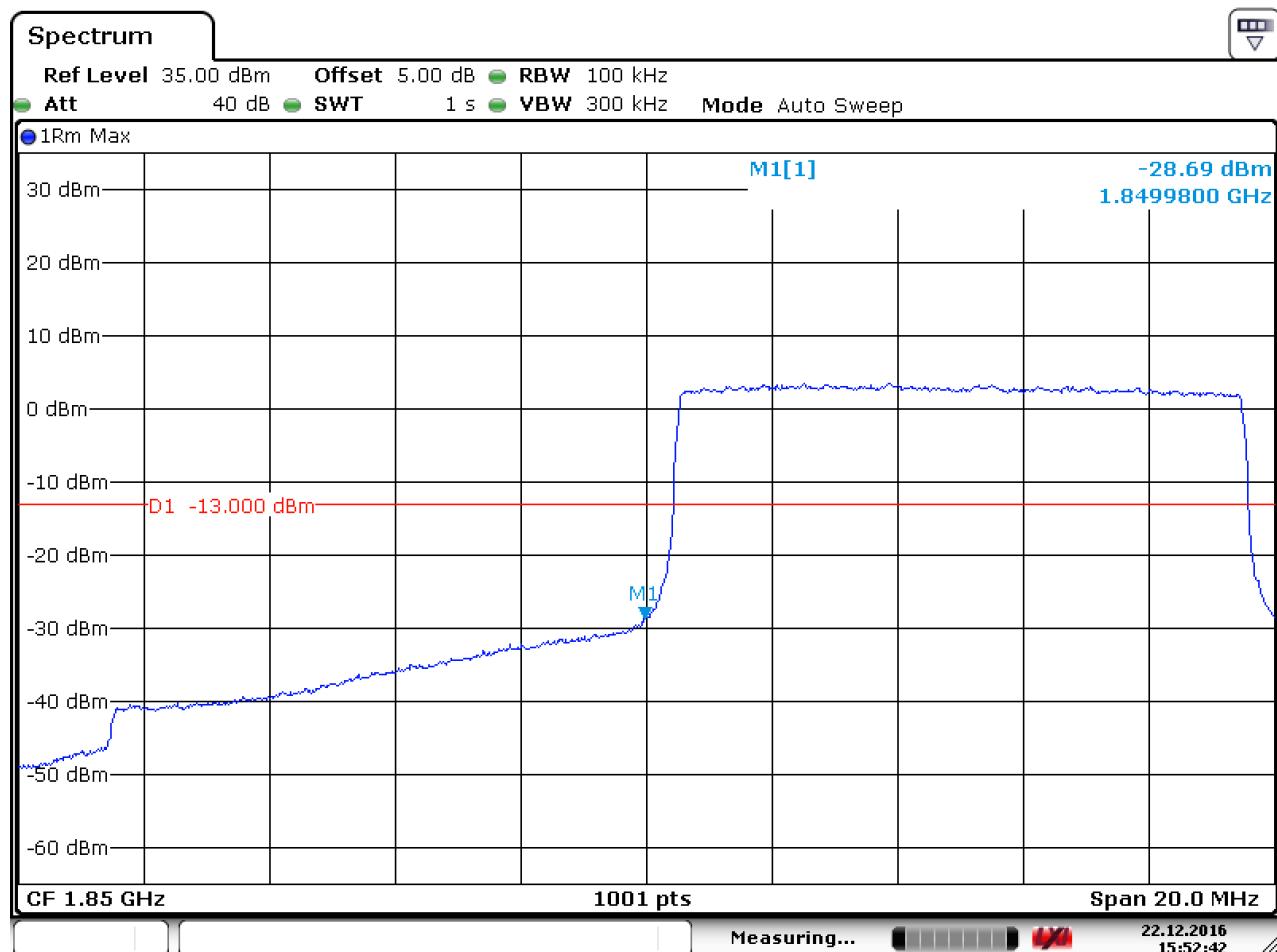


Date: 22.DEC.2016 15:56:58

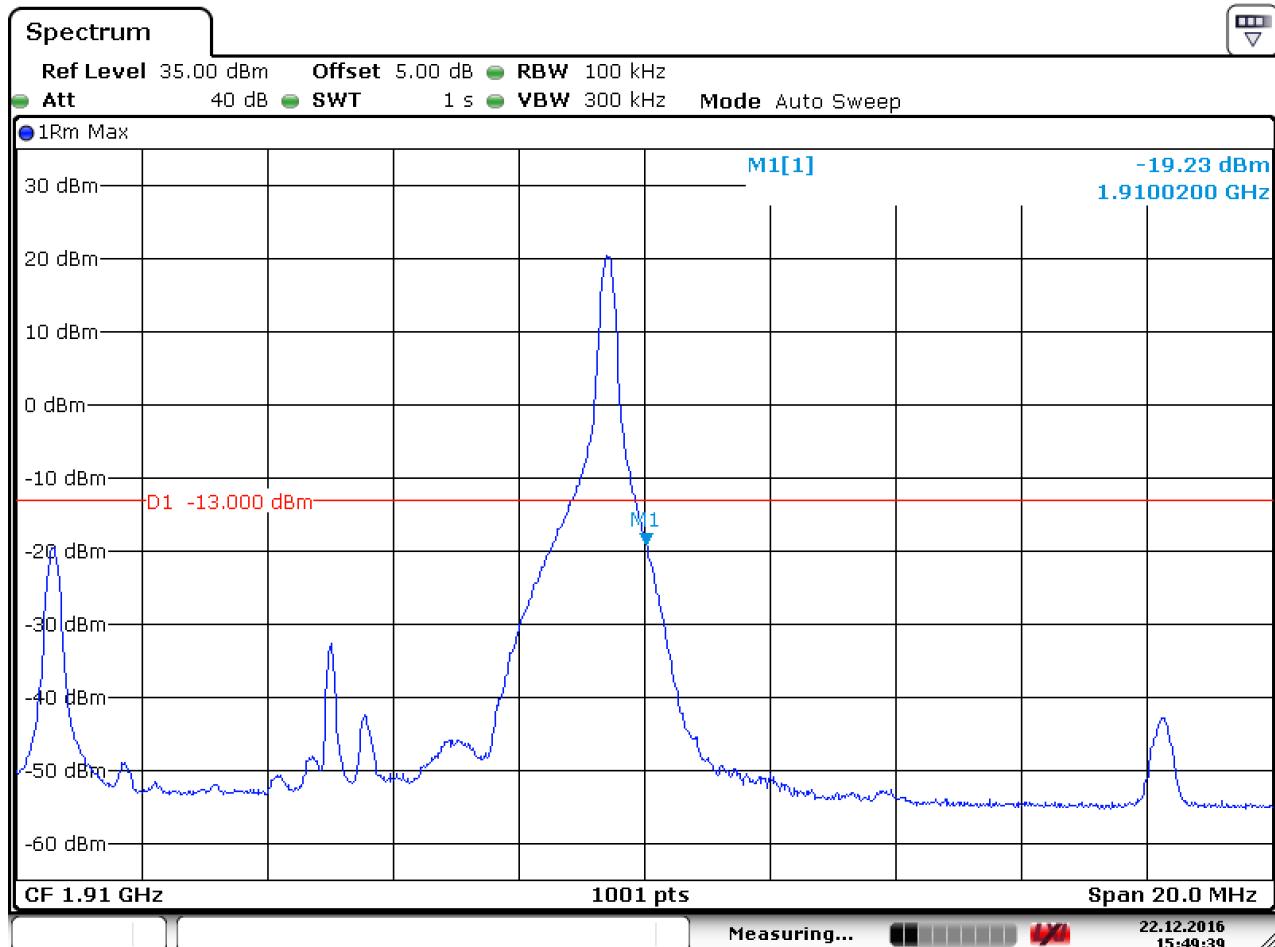
5.1.1.7 Test Mode = LTE/TM1 10MHz**5.1.1.7.1 Test Channel = LCH****5.1.1.7.1.1 Test RB=1RB**

Date: 22.DEC.2016 15:51:16

5.1.1.7.1.2 Test RB=50RB

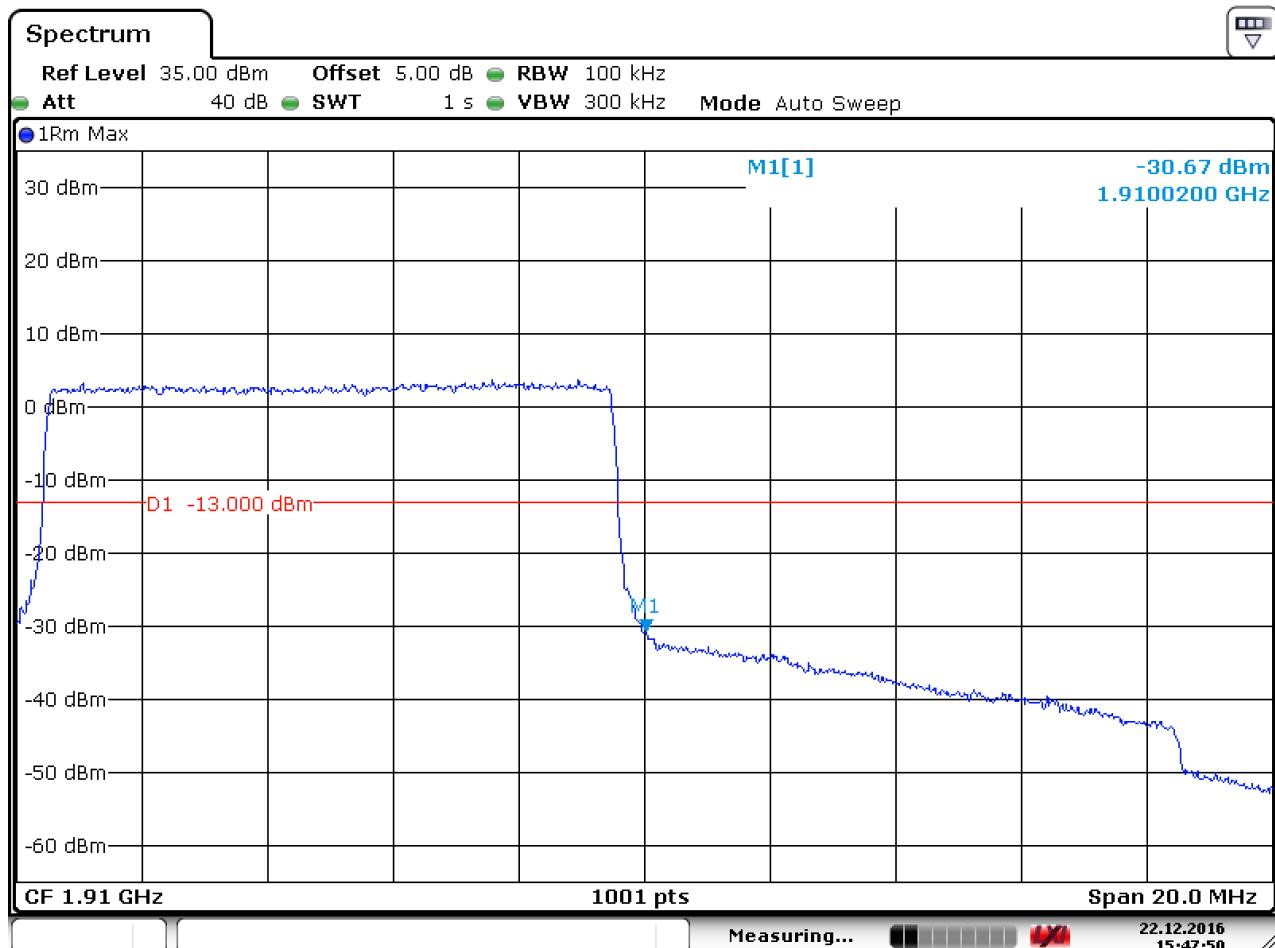


Date: 22.DEC.2016 15:52:43

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

Date: 22.DEC.2016 15:49:40

5.1.1.7.2.2 Test RB=50RB



Date: 22.DEC.2016 15:47:50