



Appendix B

CDMA BC0/BC1/BC10



CONTENT

	Page
1 EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA.....	4
2 PEAK-TO-AVERAGE RATIO	5
2.1 FOR CDMA.....	6
2.1.1 Test Band = CDMA BC0.....	6
2.1.2 Test Band = CDMA BC1.....	9
2.1.3 Test Band = CDMA BC10.....	12
3 MODULATION CHARACTERISTICS	15
3.1 FOR CDMA.....	15
3.1.1 Test Band = CDMA BC0.....	15
3.1.2 Test Band = CDMA BC1.....	16
3.1.3 Test Band = CDMA BC10.....	17
4 BANDWIDTH	18
4.1 FOR CDMA.....	19
4.1.1 Test Band = CDMA BC0.....	19
4.1.2 Test Band = CDMA BC1.....	22
4.1.3 Test Band = CDMA BC10.....	25
5 BAND EDGES COMPLIANCE	28
5.1 FOR CDMA.....	28
5.1.1 Test Band = CDMA BC0.....	28
5.1.2 Test Band = CDMA BC1.....	30
5.1.3 Test Band = CDMA BC10.....	32
6 SPURIOUS EMISSION AT ANTENNA TERMINAL.....	34
6.1 FOR CDMA.....	34
6.1.1 Test Band = CDMA BC0.....	34
6.1.2 Test Band = CDMA BC1.....	40
6.1.3 Test Band = CDMA BC10.....	49
7 FIELD STRENGTH OF SPURIOUS RADIATION	55
7.1 FOR CDMA.....	55
7.1.1 Test Band = CDMA BC0.....	55
7.1.2 Test Band = CDMAband BC1.....	56
7.1.3 Test Band = CDMAband BC10.....	56



8	FREQUENCY STABILITY	58
8.1	FREQUENCY ERROR VS. VOLTAGE	58
8.2	FREQUENCY ERROR VS. TEMPERATURE	59



1 Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	EIRP[dB]	Limit[dBm]	Verdict
CDMA BC1	CDMA /TM1	LCH	24.80	25.95	33	PASS
		MCH	24.89	26.04	33	PASS
		HCH	24.71	25.86	33	PASS

Note:

a: For getting the ERP (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

Test Band	Test Mode	Test Channel	Measured[dB]	ERP[dB]	Limit[dBm]	Verdict
CDMA BC0	CDMA /TM1	LCH	24.36	23.34	38.45	PASS
		MCH	24.42	23.40	38.45	PASS
		HCH	24.48	23.46	38.45	PASS
CDMA BC10	CDMA /TM1	LCH	24.46	24.44	50.00	PASS
		MCH	24.57	23.55	50.00	PASS
		HCH	24.48	23.46	50.00	PASS

Note:

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

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

b: SGP=Signal Generator Level

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

Detector: RMS



2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
BC0	CDMA /TM1	LCH	5.30	13	PASS
		MCH	5.71	13	PASS
		HCH	5.57	13	PASS
BC1	CDMA /TM1	LCH	5.83	13	PASS
		MCH	6.12	13	PASS
		HCH	5.48	13	PASS
BC10	CDMA/TM1	LCH	5.80	13	PASS
		MCH	5.68	13	PASS
		HCH	5.59	13	PASS



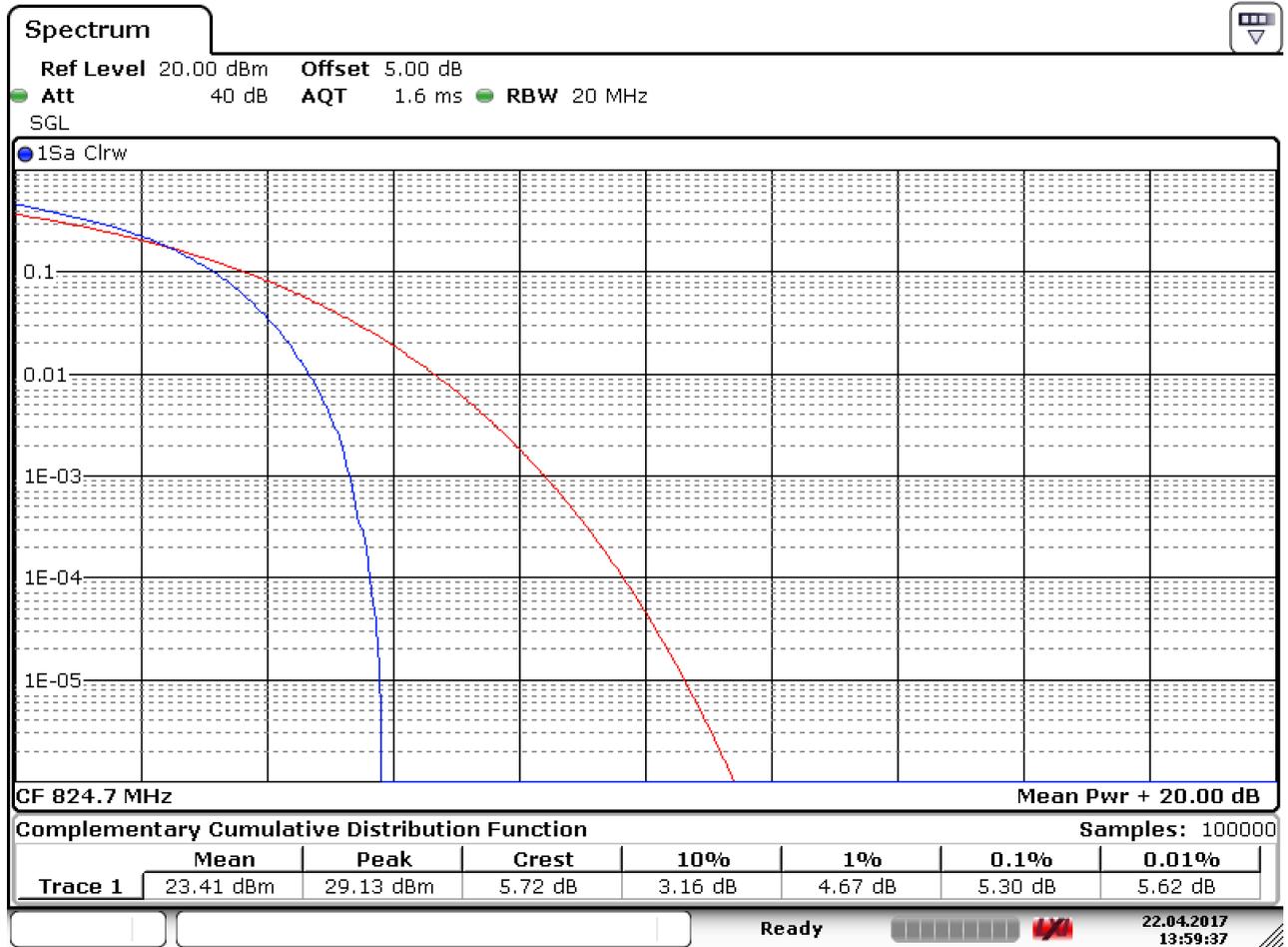
Part II - Test Plots

2.1 For CDMA

2.1.1 Test Band = CDMA BC0

2.1.1.1 Test Mode = CDMA /TM1

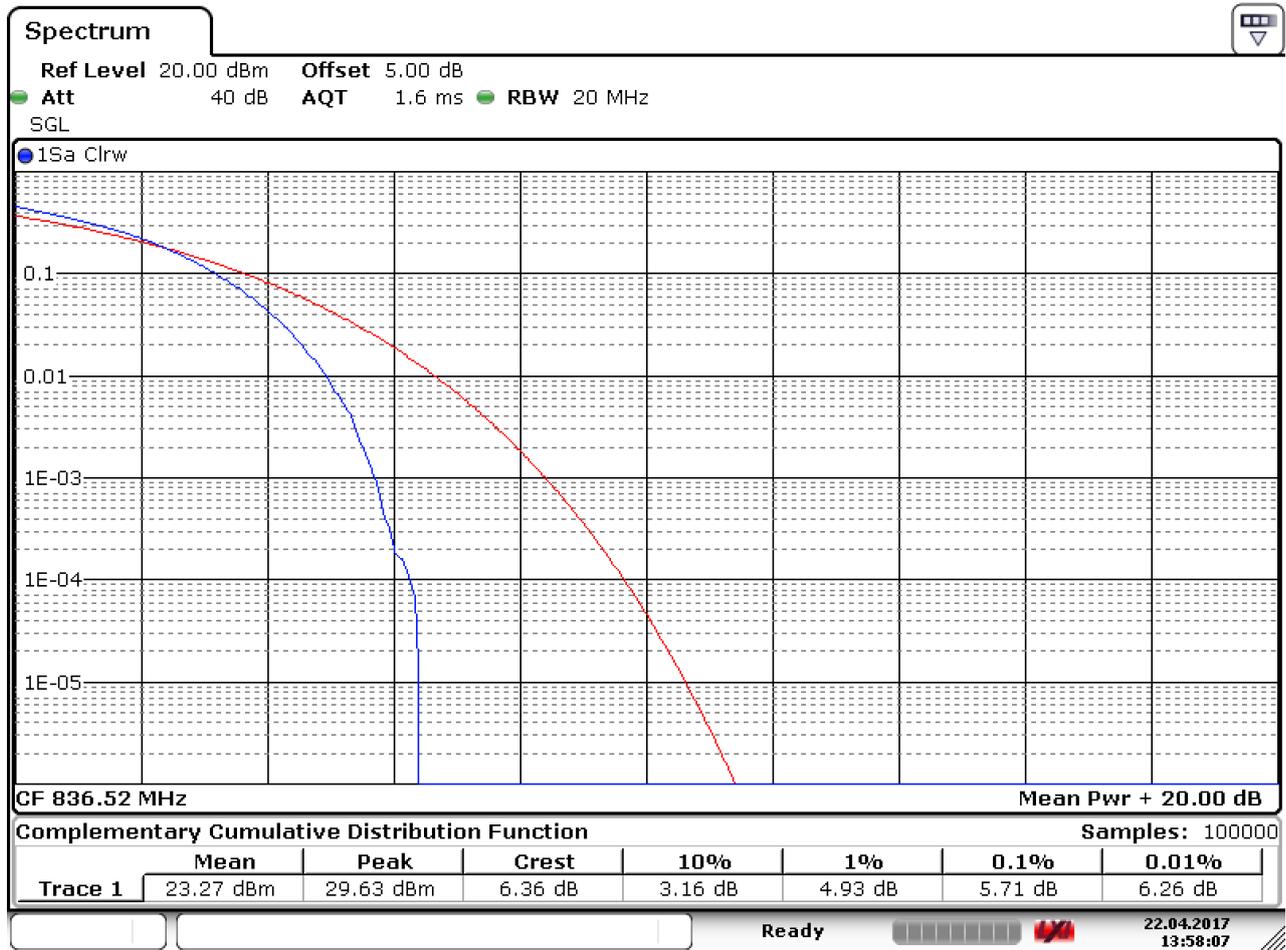
2.1.1.1.1 Test Channel = LCH



Date: 22.APR.2017 13:59:38



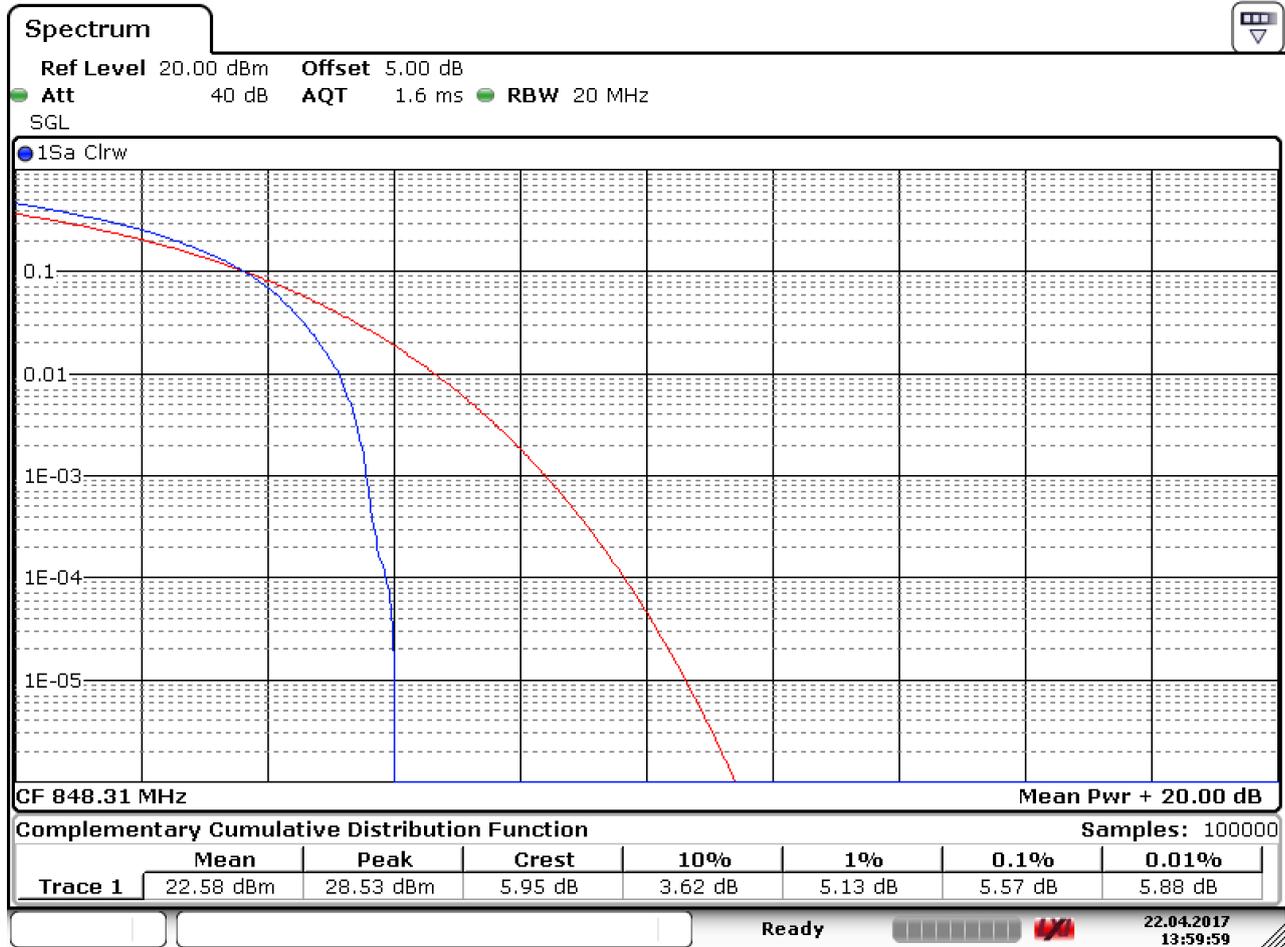
2.1.1.1.2 Test Channel = MCH



Date: 22.APR.2017 13:58:07



2.1.1.1.3 Test Channel = HCH



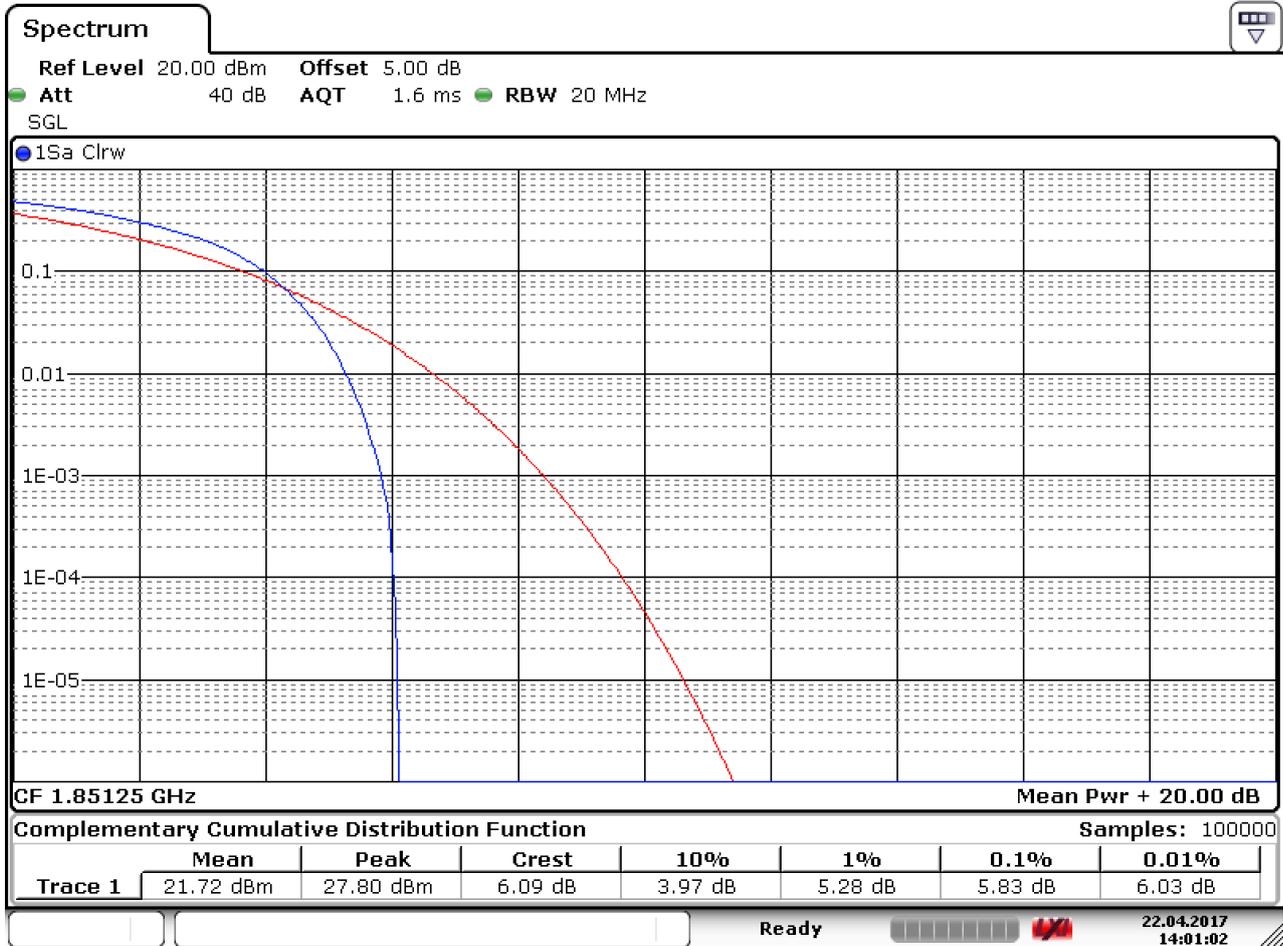
Date: 22.APR.2017 13:59:59



2.1.2 Test Band = CDMA BC1

2.1.2.1 Test Mode = CDMA /TM1

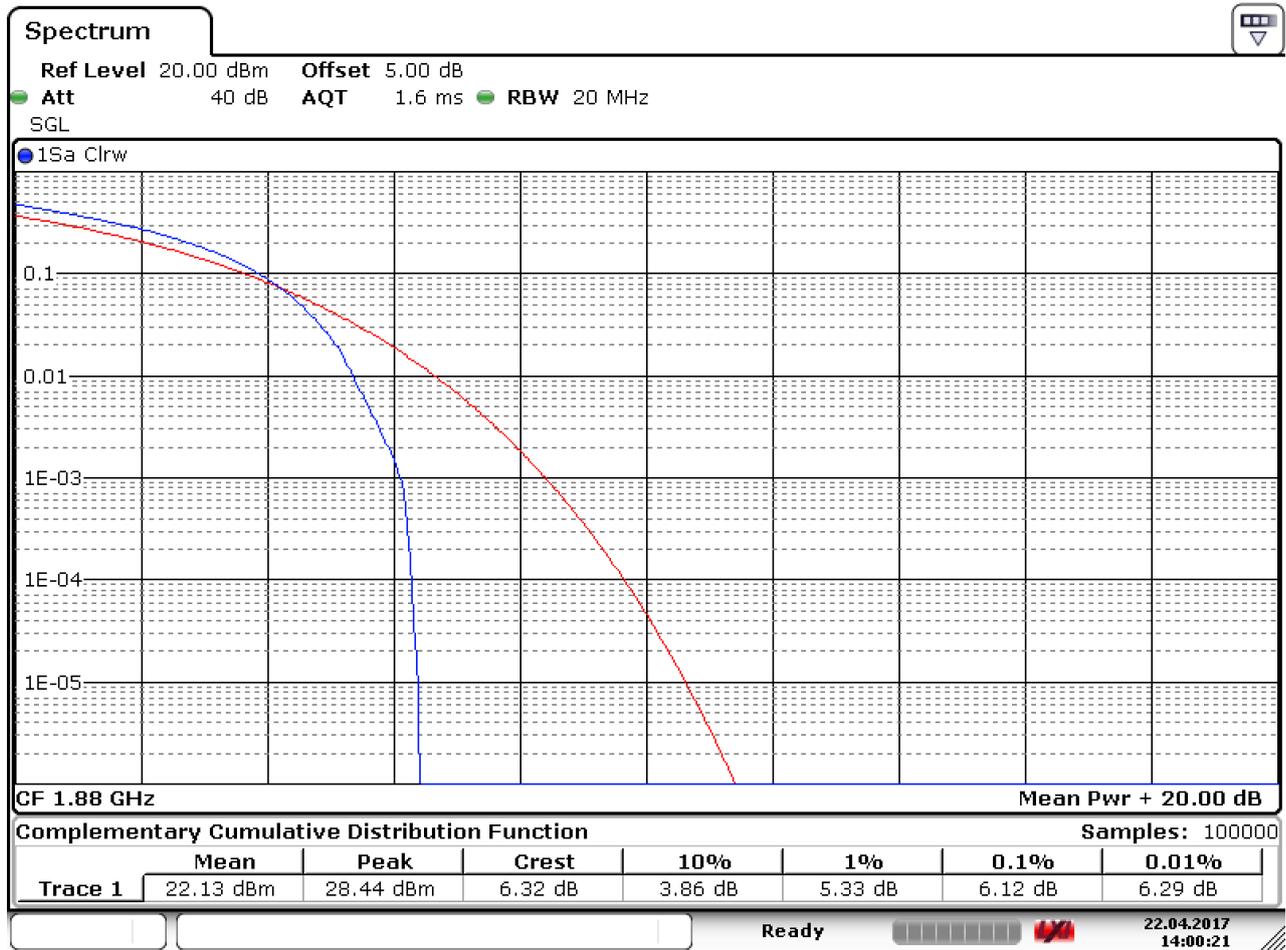
2.1.2.1.1 Test Channel = LCH



Date: 22.APR.2017 14:01:02



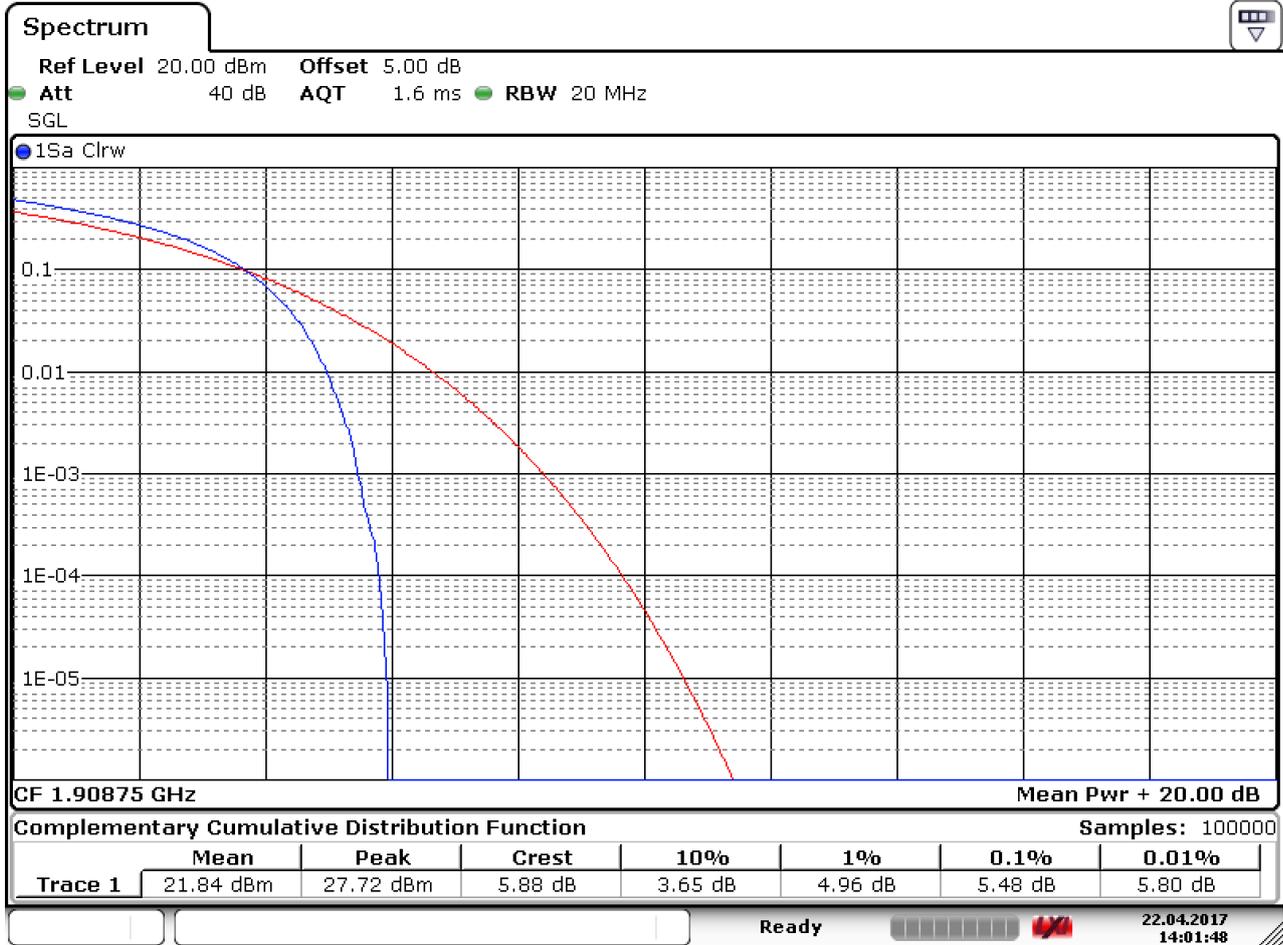
2.1.2.1.2 Test Channel = MCH



Date: 22.APR.2017 14:00:21



2.1.2.1.3 Test Channel = HCH



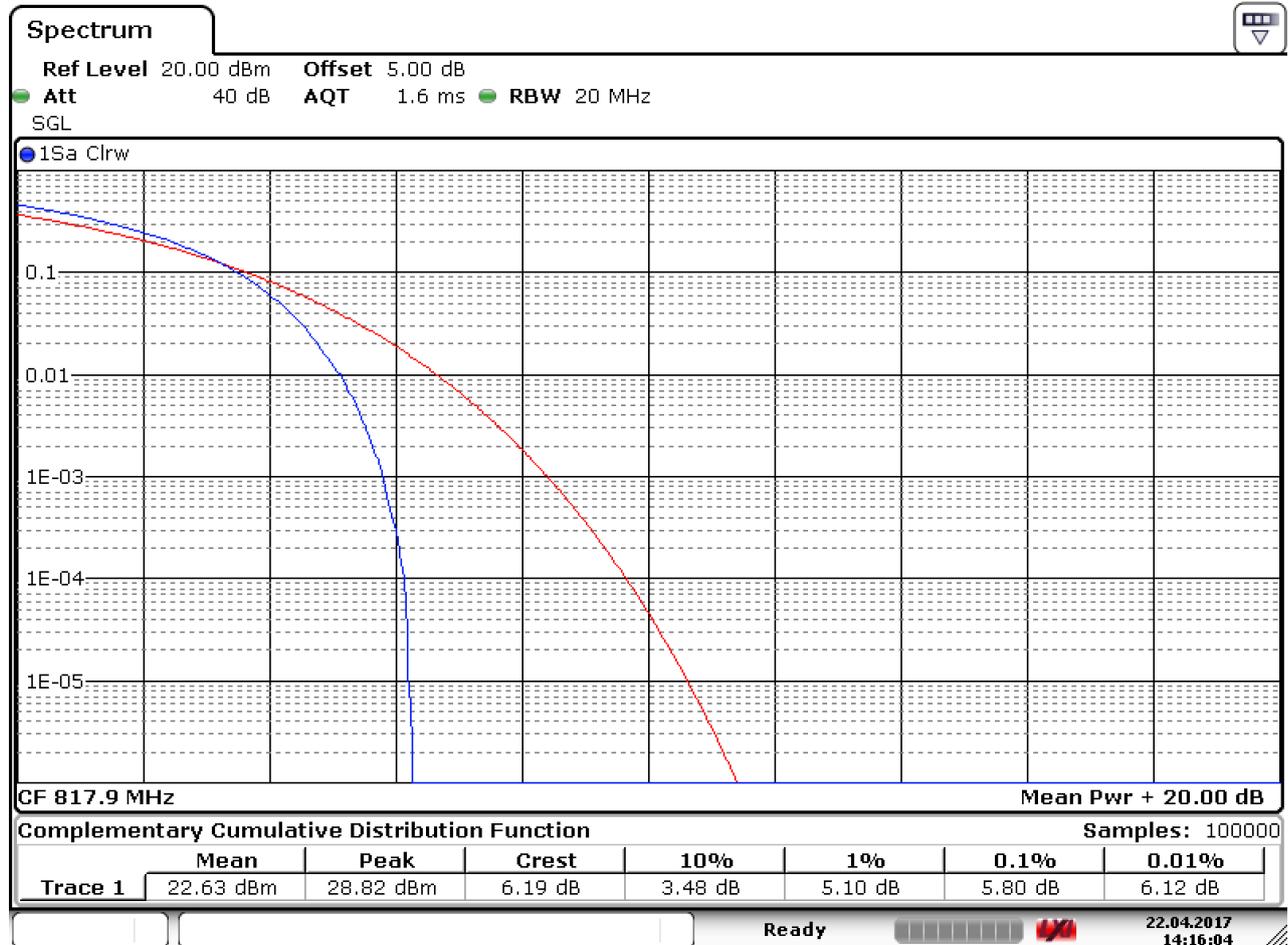
Date: 22.APR.2017 14:01:49



2.1.3 Test Band = CDMA BC10

2.1.3.1 Test Mode = CDMA /TM1

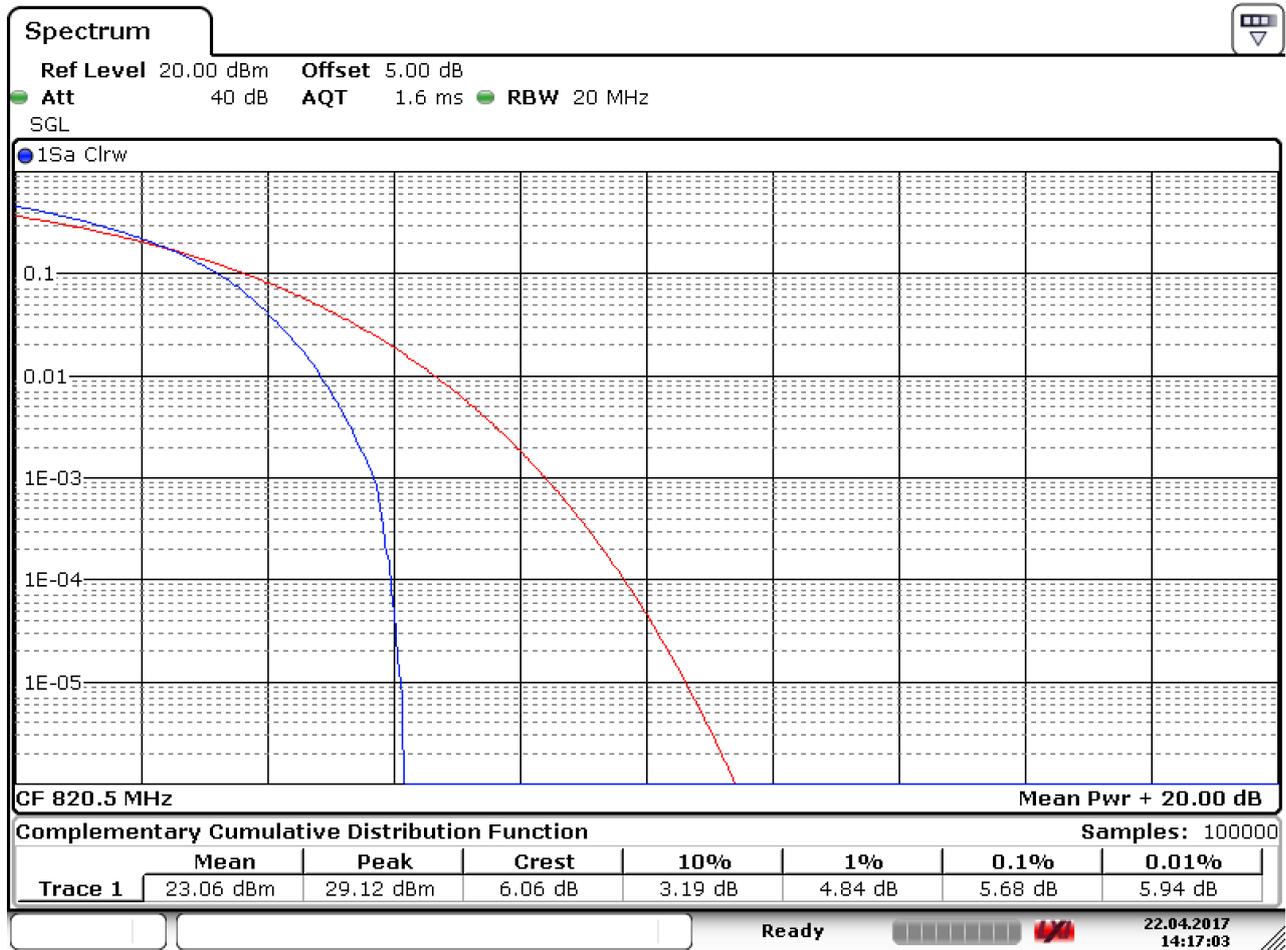
2.1.3.1.1 Test Channel = LCH



Date: 22.APR.2017 14:16:04



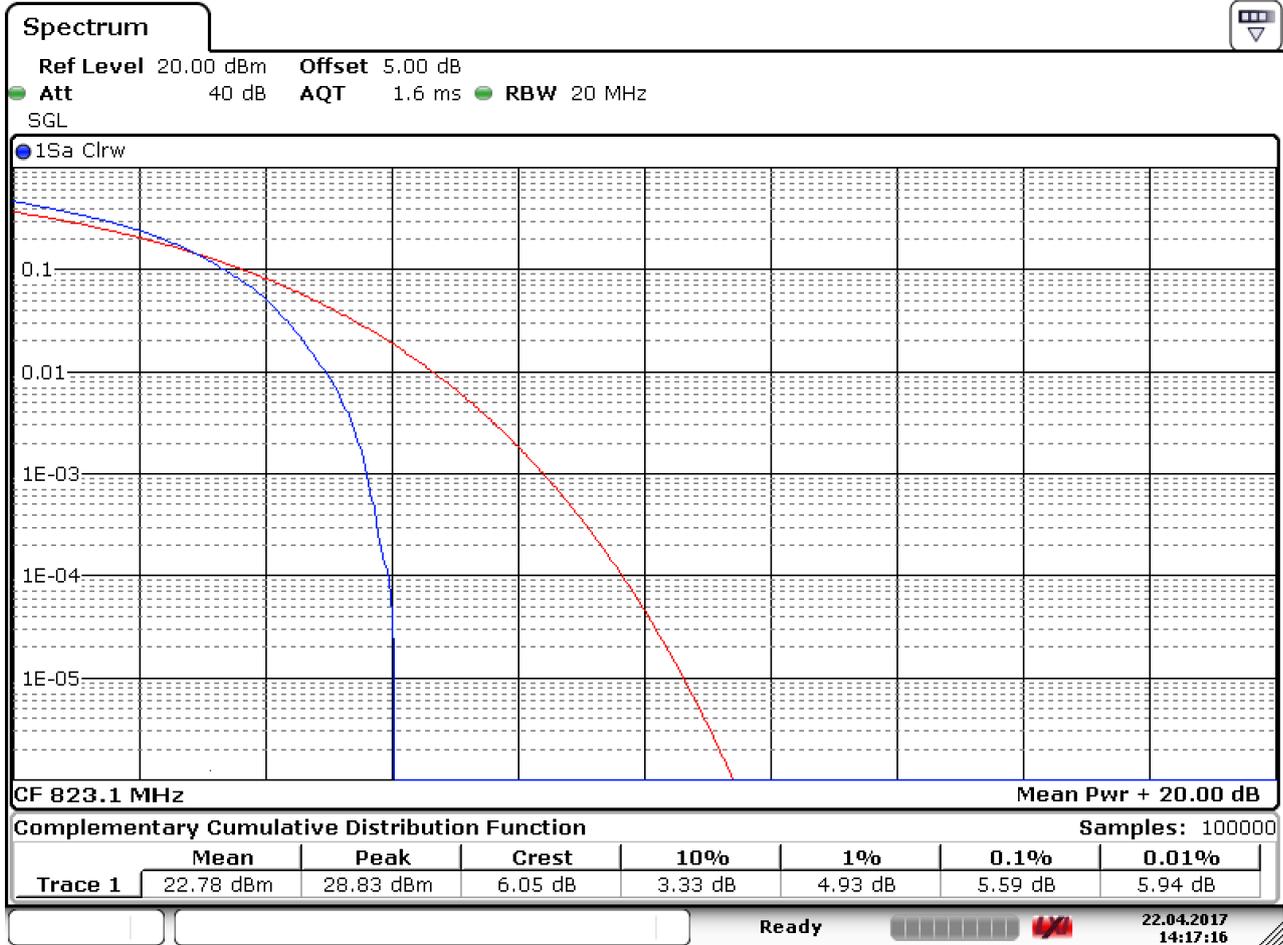
2.1.3.1.2 Test Channel = MCH



Date: 22.APR.2017 14:17:03



2.1.3.1.3 Test Channel = HCH



Date: 22.APR.2017 14:17:16

3 Modulation Characteristics

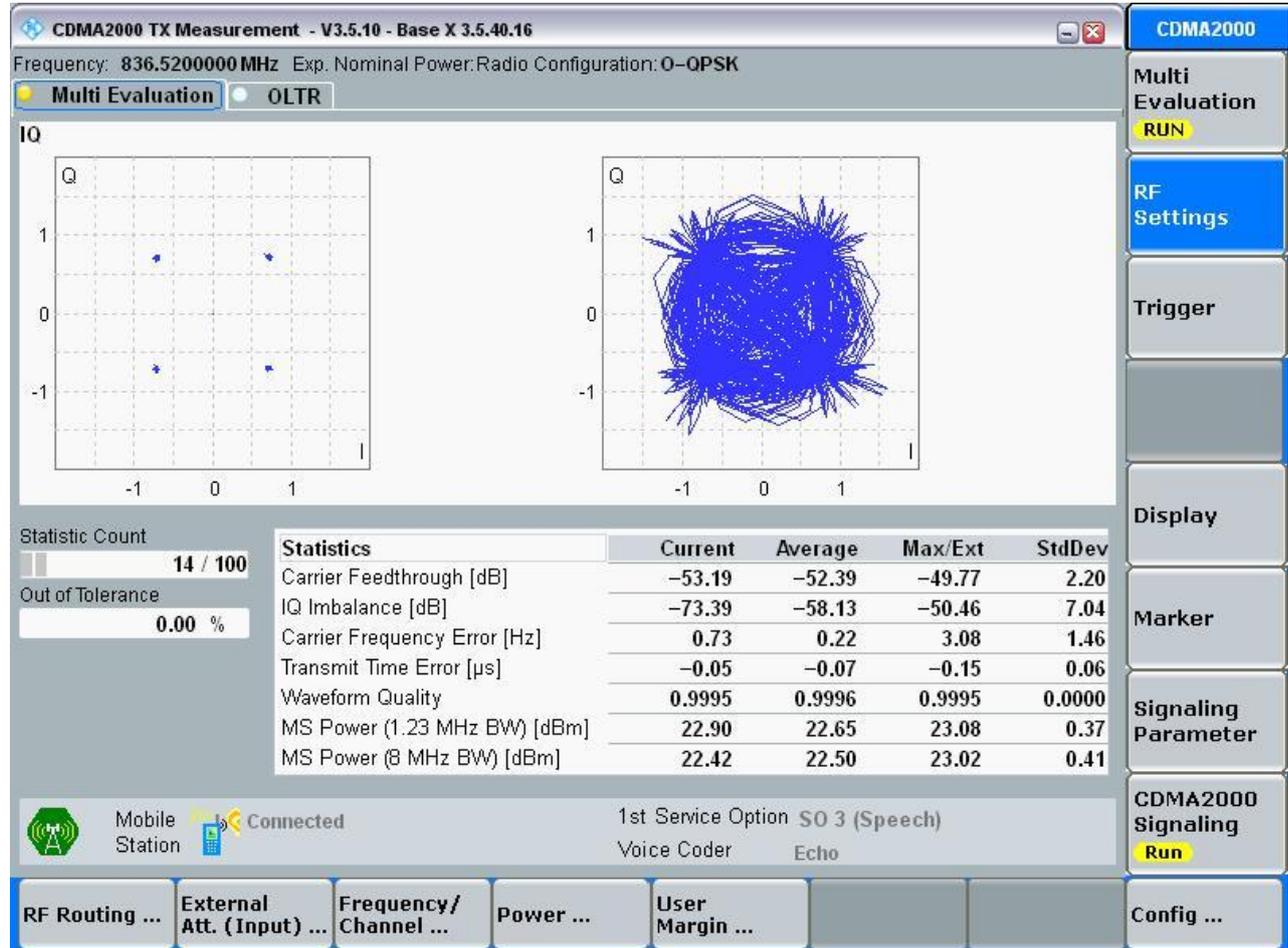
Part I - Test Plots

3.1 For CDMA

3.1.1 Test Band = CDMA BC0

3.1.1.1 Test Mode = CDMA /TM1

3.1.1.1.1 Test Channel = MCH



CDMA2000 TX Measurement - V3.5.10 - Base X 3.5.40.16

Frequency: 836.5200000 MHz Exp. Nominal Power: Radio Configuration: O-QPSK

Multi Evaluation OLTR

IQ

Statistic Count: 14 / 100
 Out of Tolerance: 0.00 %

Statistics	Current	Average	Max/Ext	StdDev
Carrier Feedthrough [dB]	-53.19	-52.39	-49.77	2.20
IQ Imbalance [dB]	-73.39	-58.13	-50.46	7.04
Carrier Frequency Error [Hz]	0.73	0.22	3.08	1.46
Transmit Time Error [µs]	-0.05	-0.07	-0.15	0.06
Waveform Quality	0.9995	0.9996	0.9995	0.0000
MS Power (1.23 MHz BW) [dBm]	22.90	22.65	23.08	0.37
MS Power (8 MHz BW) [dBm]	22.42	22.50	23.02	0.41

Mobile Station Connected 1st Service Option SO 3 (Speech) Voice Coder Echo

RF Routing ... External Att. (Input) ... Frequency/Channel ... Power ... User Margin ... Config ...



3.1.2 Test Band = CDMA BC1

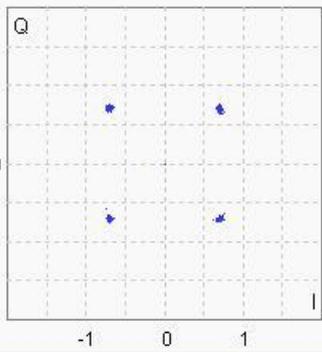
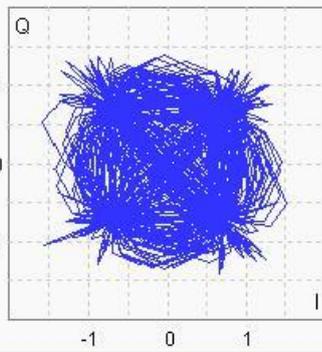
3.1.2.1 Test Mode = CDMA/TM1

3.1.2.1.1 Test Channel = MCH

CDMA2000 TX Measurement - V3.5.10 - Base X 3.5.40.16

Frequency: 1880.000000 MHz Exp. Nominal Power: Radio Configuration: O-QPSK

Multi Evaluation OLTR

Statistic Count	Statistics	Current	Average	Max/Ext	StdDev
6 / 100	Carrier Feedthrough [dB]	-54.71	-57.20	-54.71	2.61
Out of Tolerance	IQ Imbalance [dB]	-71.17	-60.60	-57.26	12.59
0.00 %	Carrier Frequency Error [Hz]	-0.66	4.98	7.84	3.00
	Transmit Time Error [µs]	-0.43	-0.34	-0.43	0.05
	Waveform Quality	0.9991	0.9991	0.9990	0.0000
	MS Power (1.23 MHz BW) [dBm]	22.28	22.38	22.54	0.08
	MS Power (8 MHz BW) [dBm]	22.43	22.03	22.43	0.20

Mobile Station Connected

1st Service Option SO 3 (Speech)
Voice Coder Echo

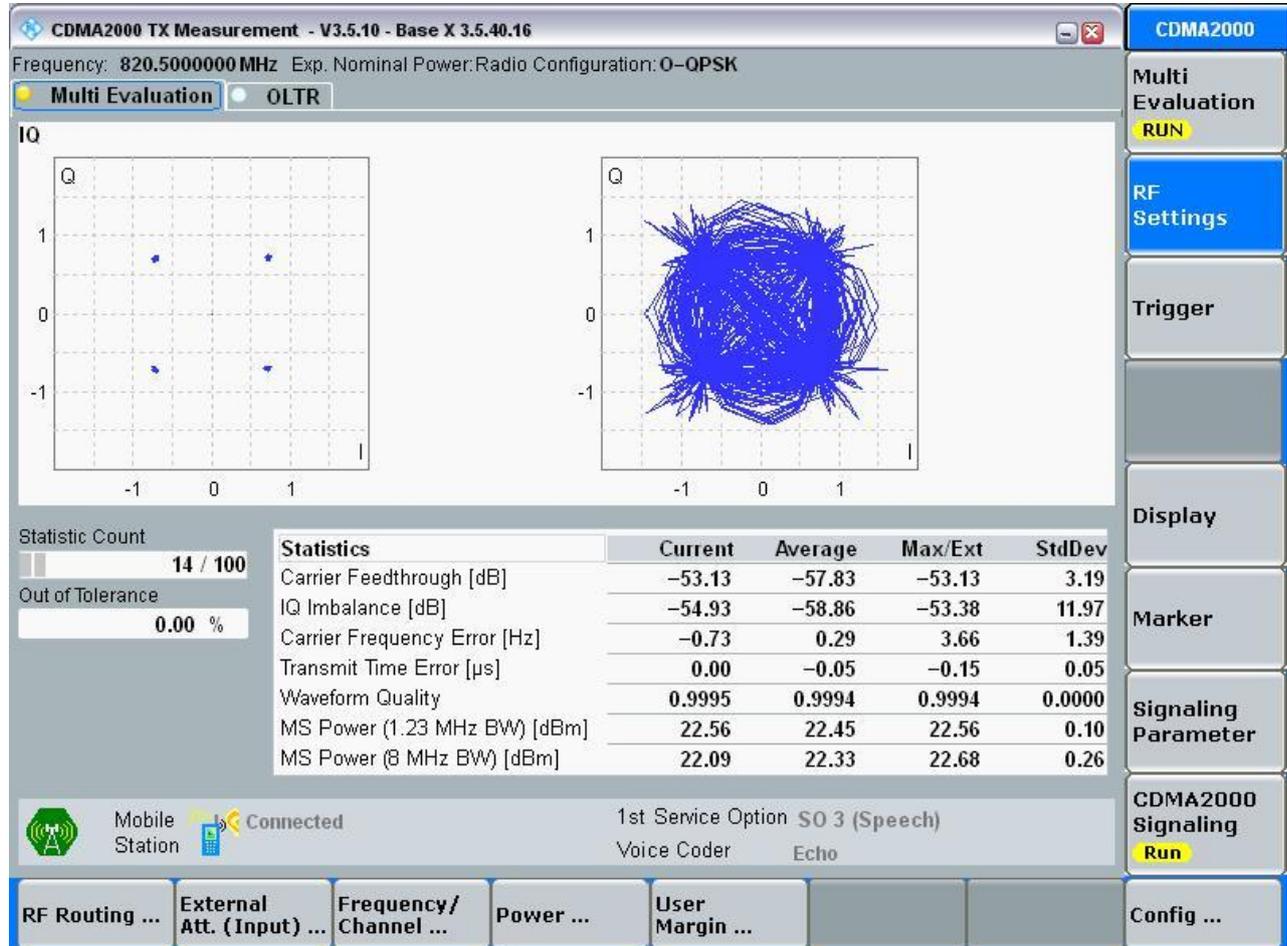
RF Routing ... External Att. (Input) ... Frequency/Channel ... Power ... User Margin ... Config ...

CDMA2000 Signaling Run

3.1.3 Test Band = CDMA BC10

3.1.3.1 Test Mode = CDMA/TM1

3.1.3.1.1 Test Channel = MCH

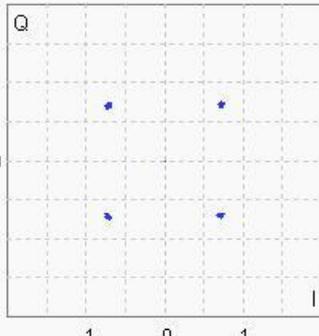


CDMA2000 TX Measurement - V3.5.10 - Base X 3.5.40.16

Frequency: 820.5000000 MHz Exp. Nominal Power: Radio Configuration: 0-QPSK

Multi Evaluation OLTR

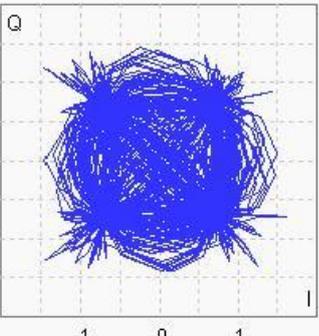
IQ



Q

I

IQ



Q

I

Statistic Count	Statistics	Current	Average	Max/Ext	StdDev
14 / 100	Carrier Feedthrough [dB]	-53.13	-57.83	-53.13	3.19
Out of Tolerance	IQ Imbalance [dB]	-54.93	-58.86	-53.38	11.97
0.00 %	Carrier Frequency Error [Hz]	-0.73	0.29	3.66	1.39
	Transmit Time Error [µs]	0.00	-0.05	-0.15	0.05
	Waveform Quality	0.9995	0.9994	0.9994	0.0000
	MS Power (1.23 MHz BW) [dBm]	22.56	22.45	22.56	0.10
	MS Power (8 MHz BW) [dBm]	22.09	22.33	22.68	0.26

Mobile Station Connected 1st Service Option SO 3 (Speech) Voice Codec Echo

Buttons: RF Routing ... External Att. (Input) ... Frequency/Channel ... Power ... User Margin ... Config ...

CDMA2000 Signaling **Run**



4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
CDMA BC0	CDMA/TM1	LCH	1.27	1.43	PASS
		MCH	1.28	1.43	PASS
		HCH	1.28	1.43	PASS
CDMA BC1	CDMA/TM1	LCH	1.29	1.47	PASS
		MCH	1.28	1.44	PASS
		HCH	1.28	1.45	PASS
CDMA BC10	CDMA/TM1	LCH	1.28	1.42	PASS
		MCH	1.28	1.43	PASS
		HCH	1.27	1.43	PASS

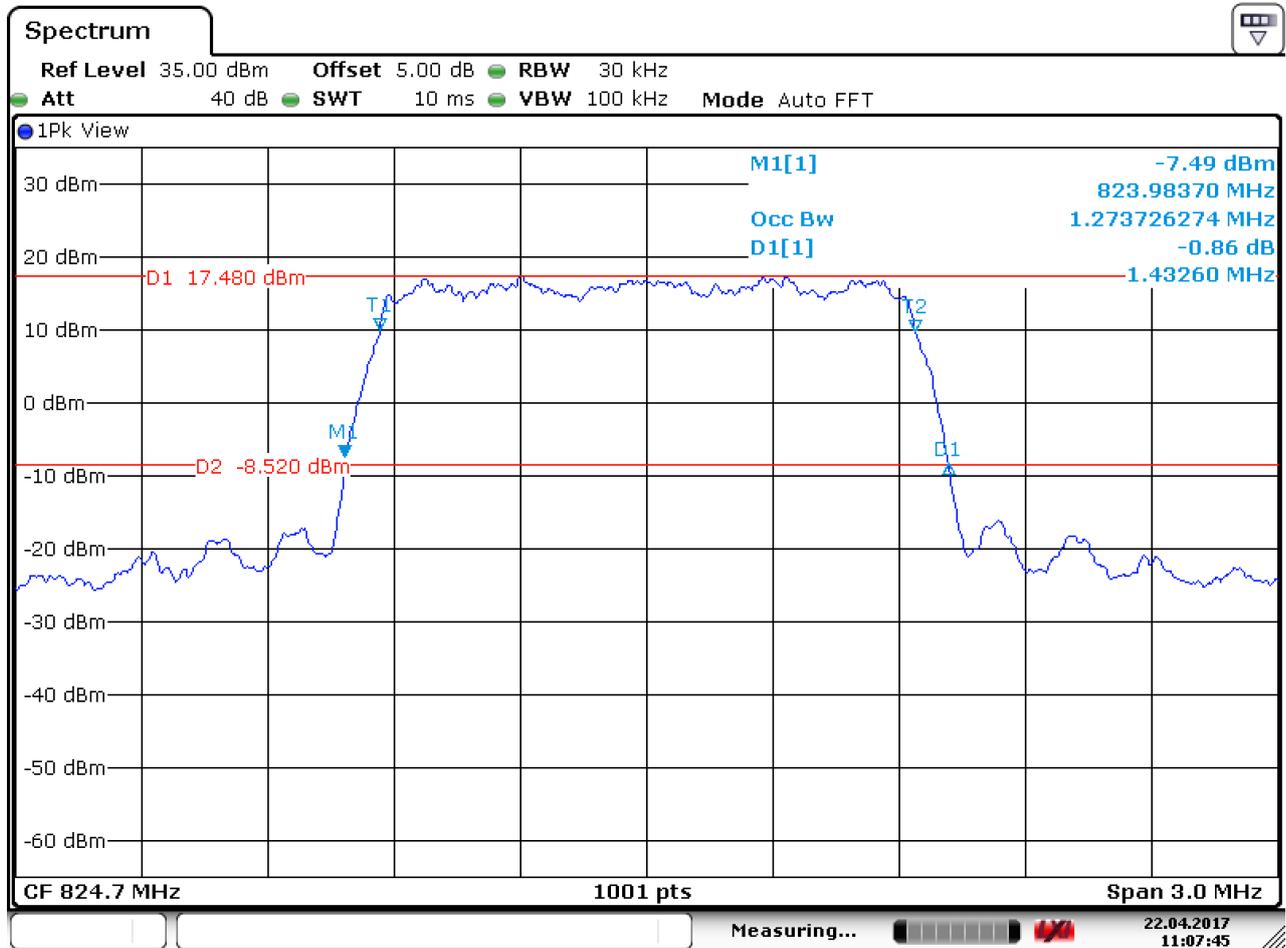


4.1 For CDMA

4.1.1 Test Band = CDMA BC0

4.1.1.1 Test Mode = CDMA /TM1

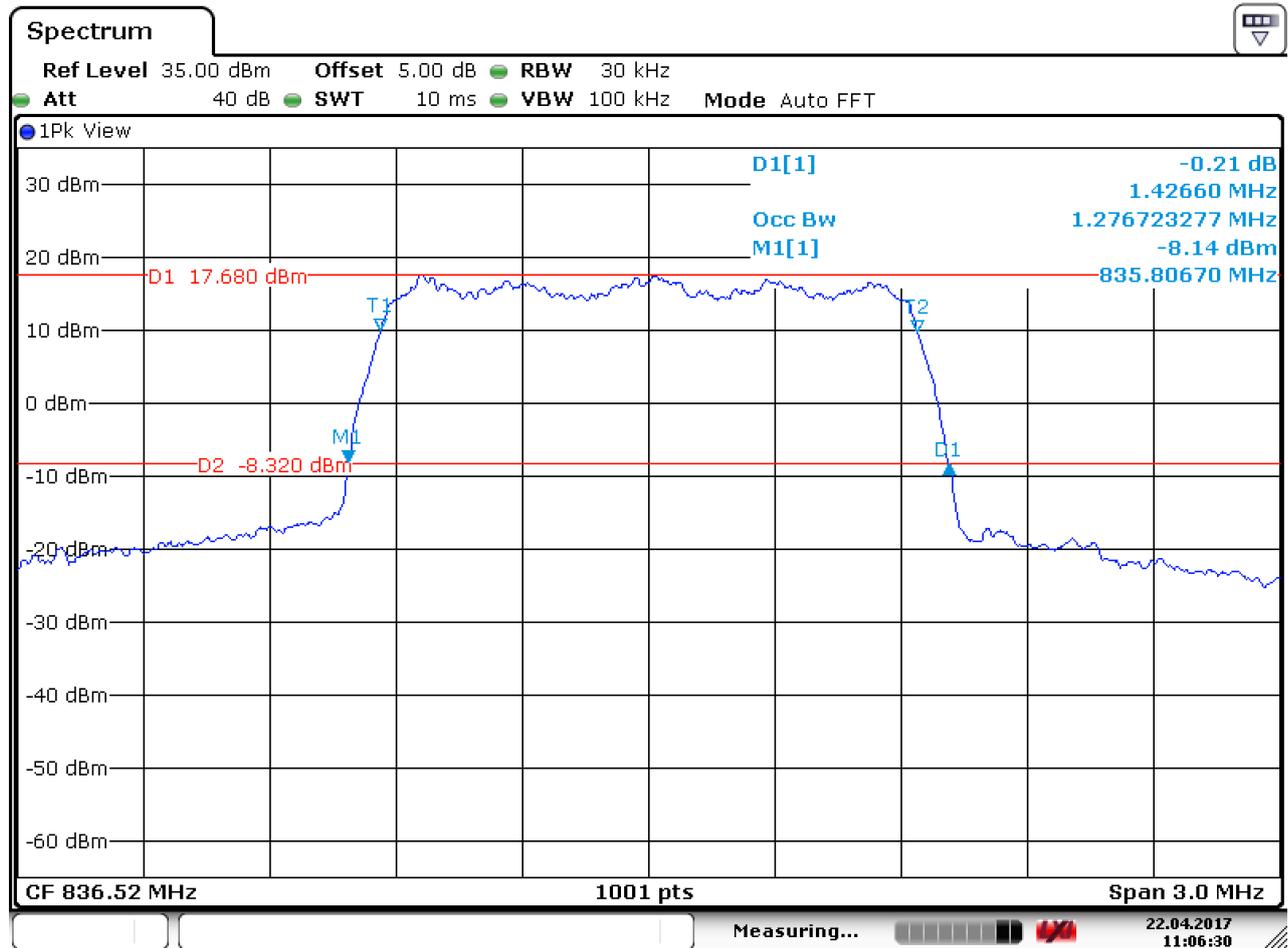
4.1.1.1.1 Test Channel = LCH



Date: 22.APR.2017 11:07:45



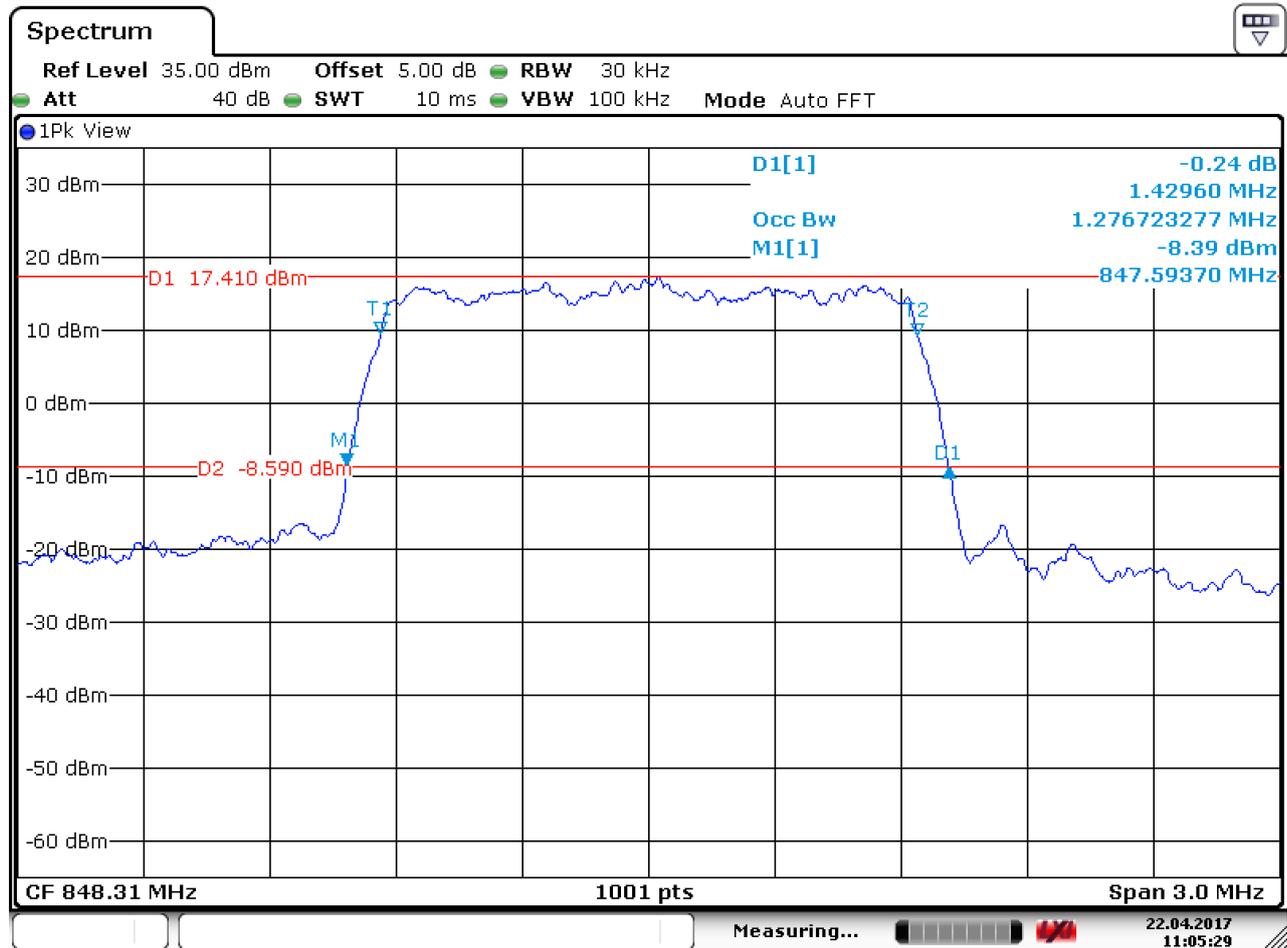
4.1.1.1.2 Test Channel = MCH



Date: 22.APR.2017 11:06:31



4.1.1.1.3 Test Channel = HCH



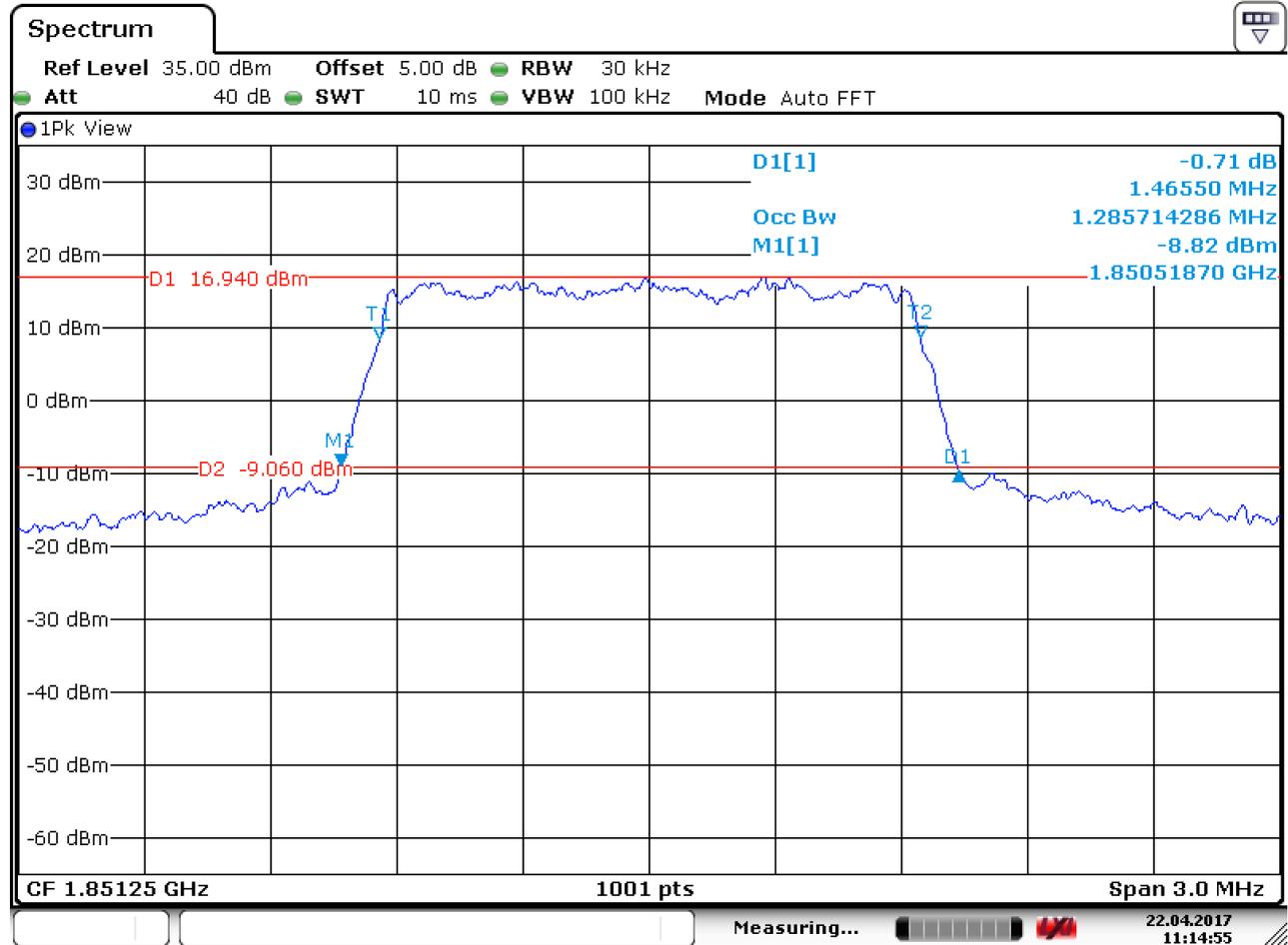
Date: 22.APR.2017 11:05:29



4.1.2 Test Band = CDMA BC1

4.1.2.1 Test Mode = CDMA/TM1

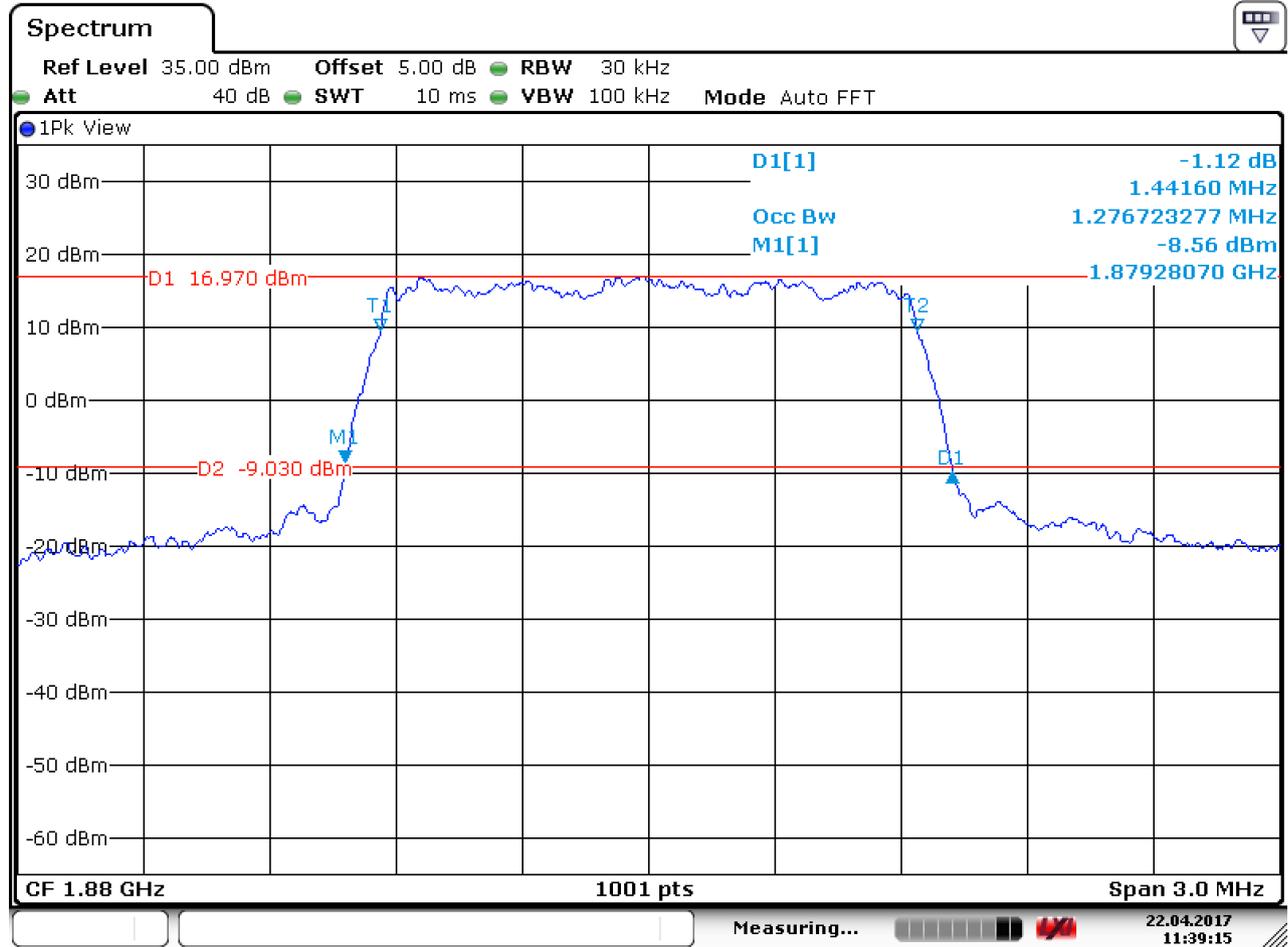
4.1.2.1.1 Test Channel = LCH



Date: 22.APR.2017 11:14:55

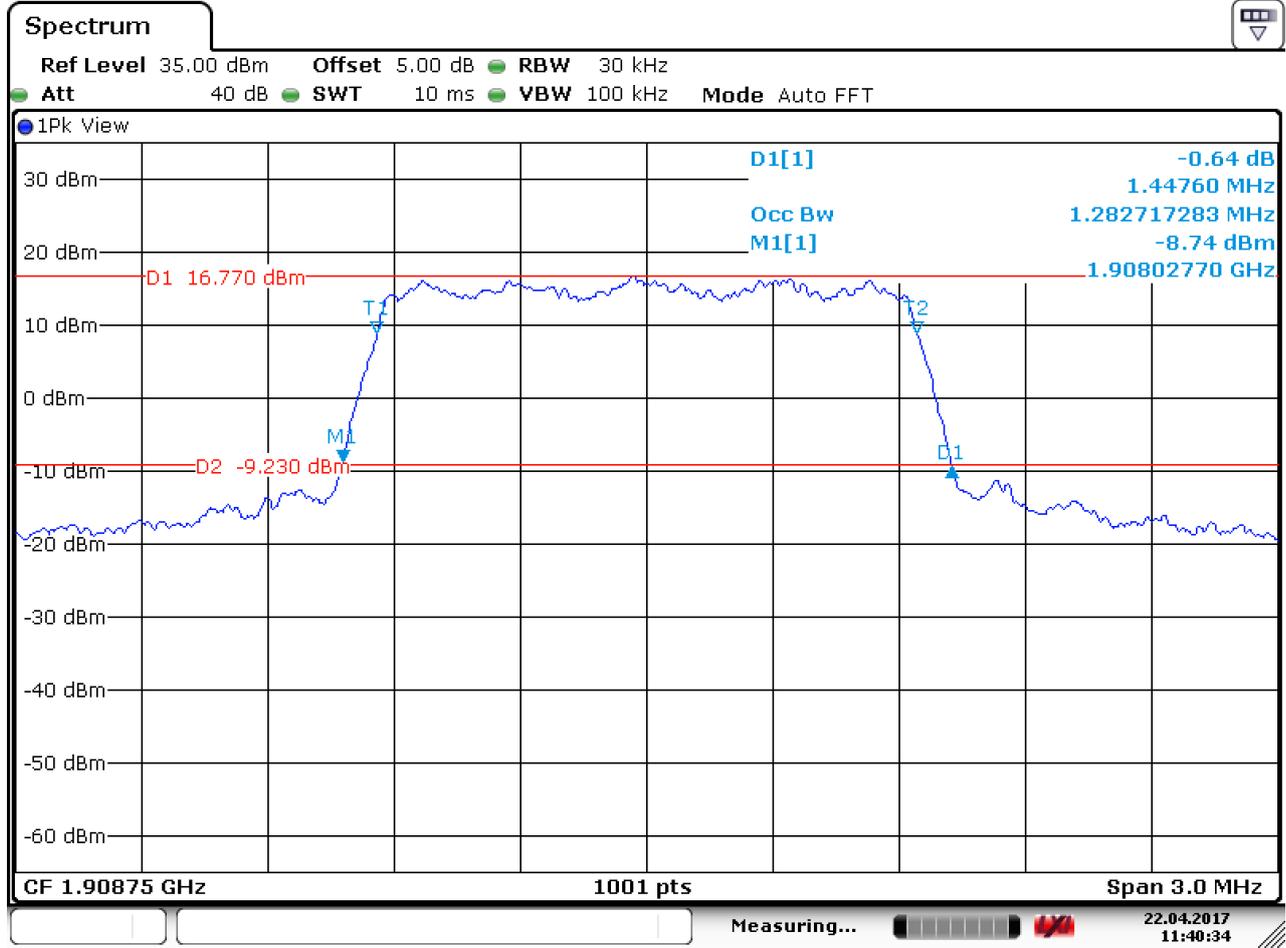


4.1.2.1.2 Test Channel = MCH



Date: 22.APR.2017 11:39:15

4.1.2.1.3 Test Channel = HCH



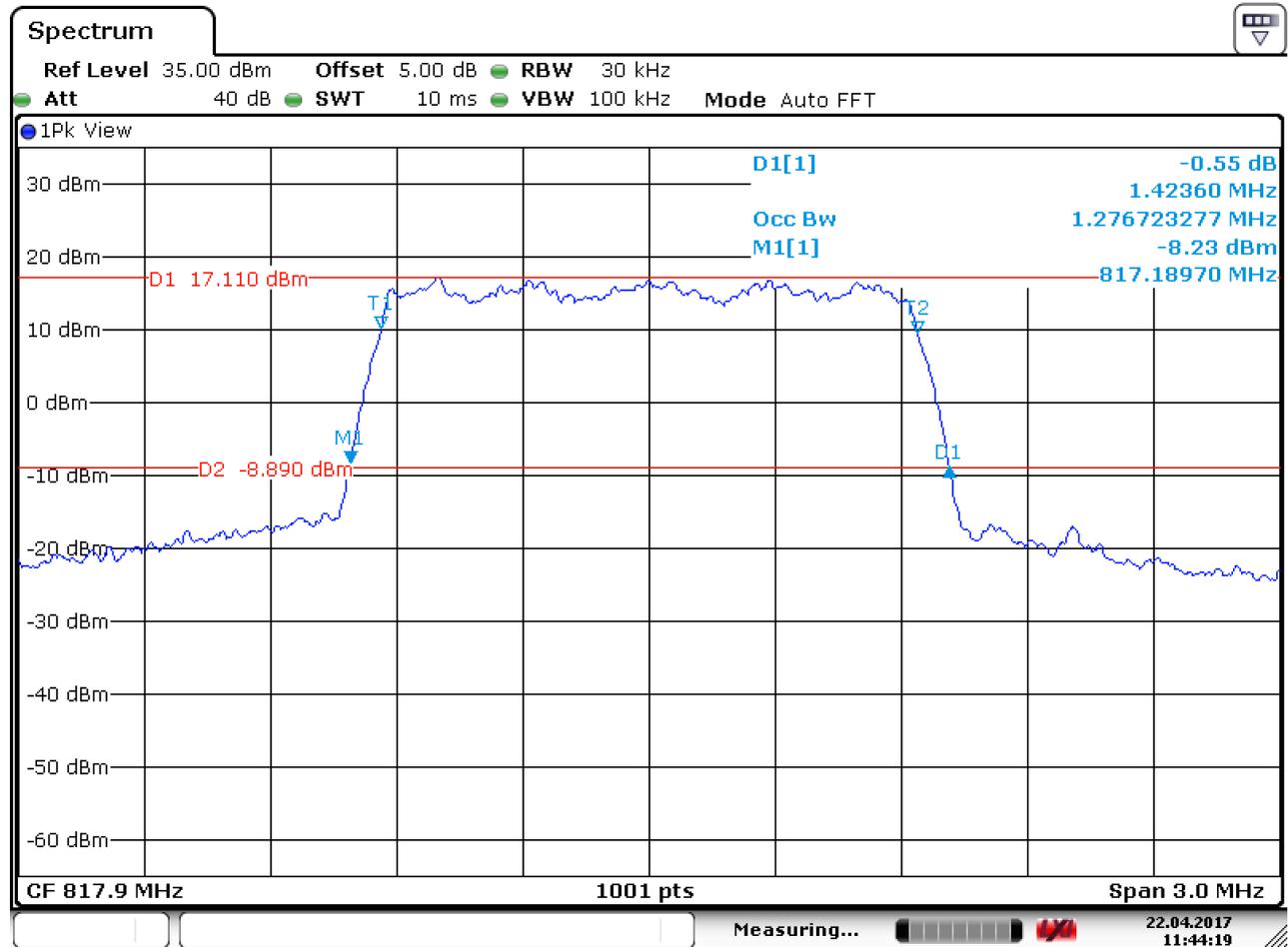
Date: 22.APR.2017 11:40:35



4.1.3 Test Band = CDMA BC10

4.1.3.1 Test Mode = CDMA /TM1

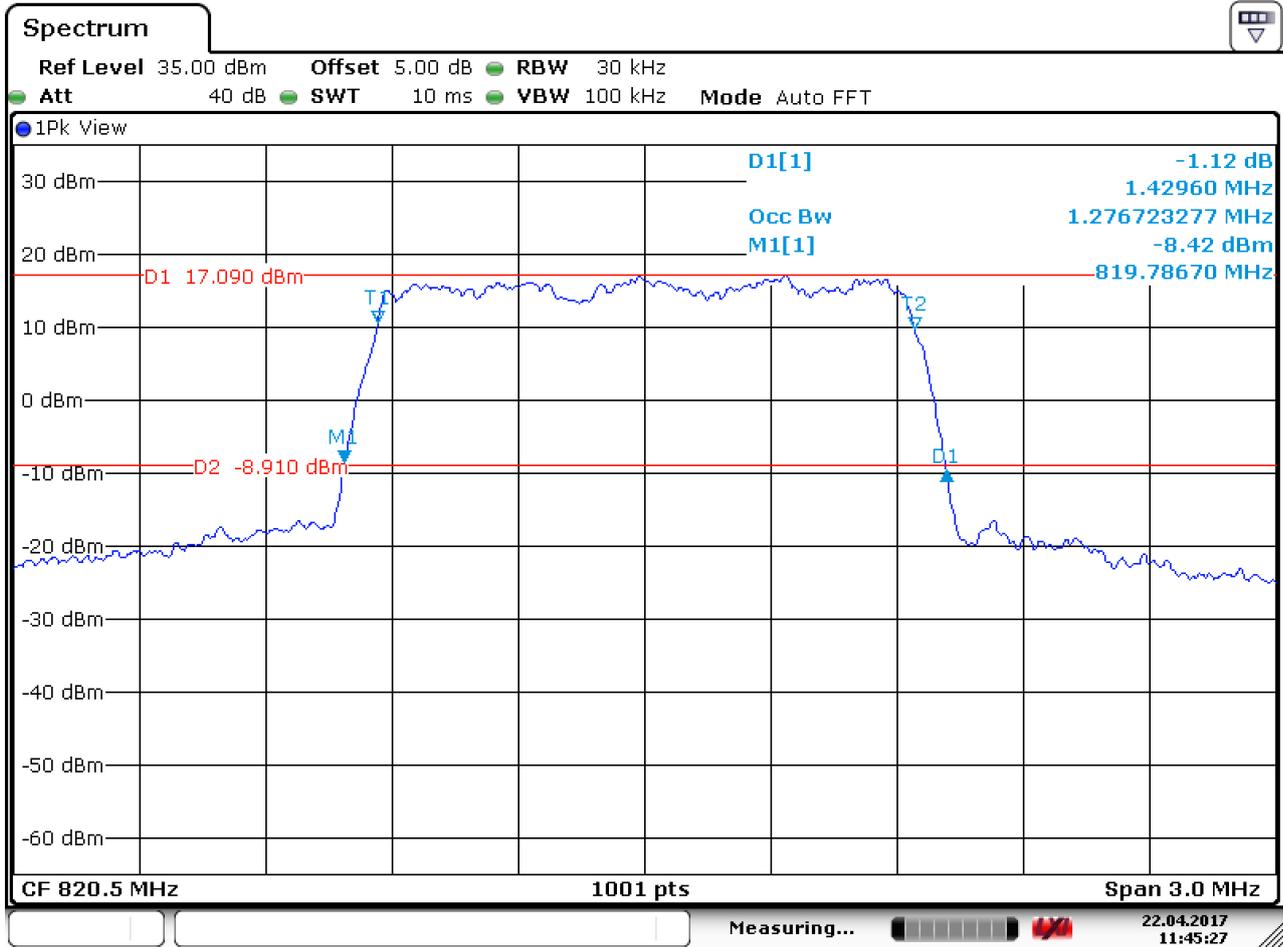
4.1.3.1.1 Test Channel = LCH



Date: 22.APR.2017 11:44:20



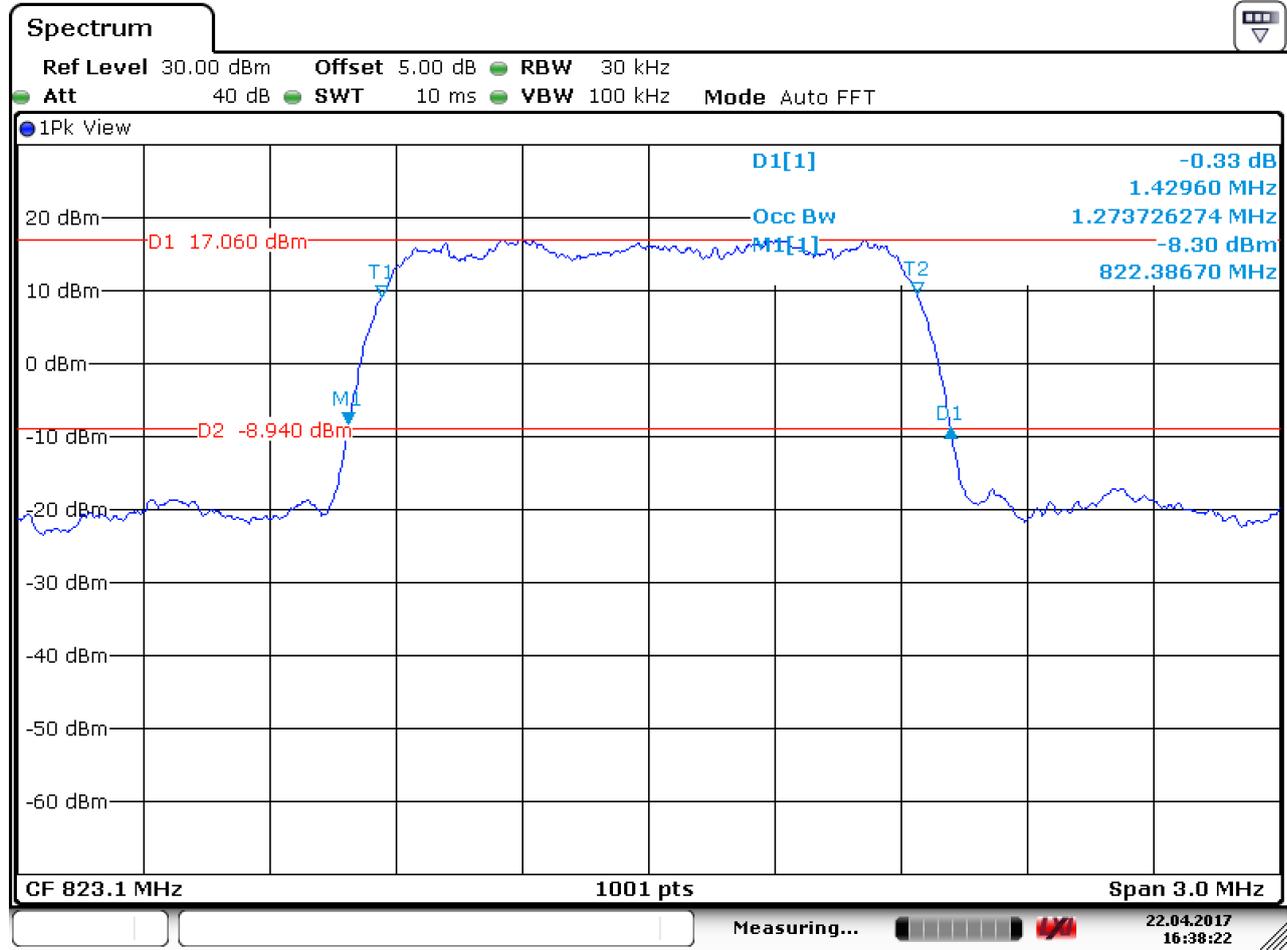
4.1.3.1.2 Test Channel = MCH



Date: 22.APR.2017 11:45:27



4.1.3.1.3 Test Channel = HCH



Date: 22.APR.2017 16:38:23

5 Band Edges Compliance

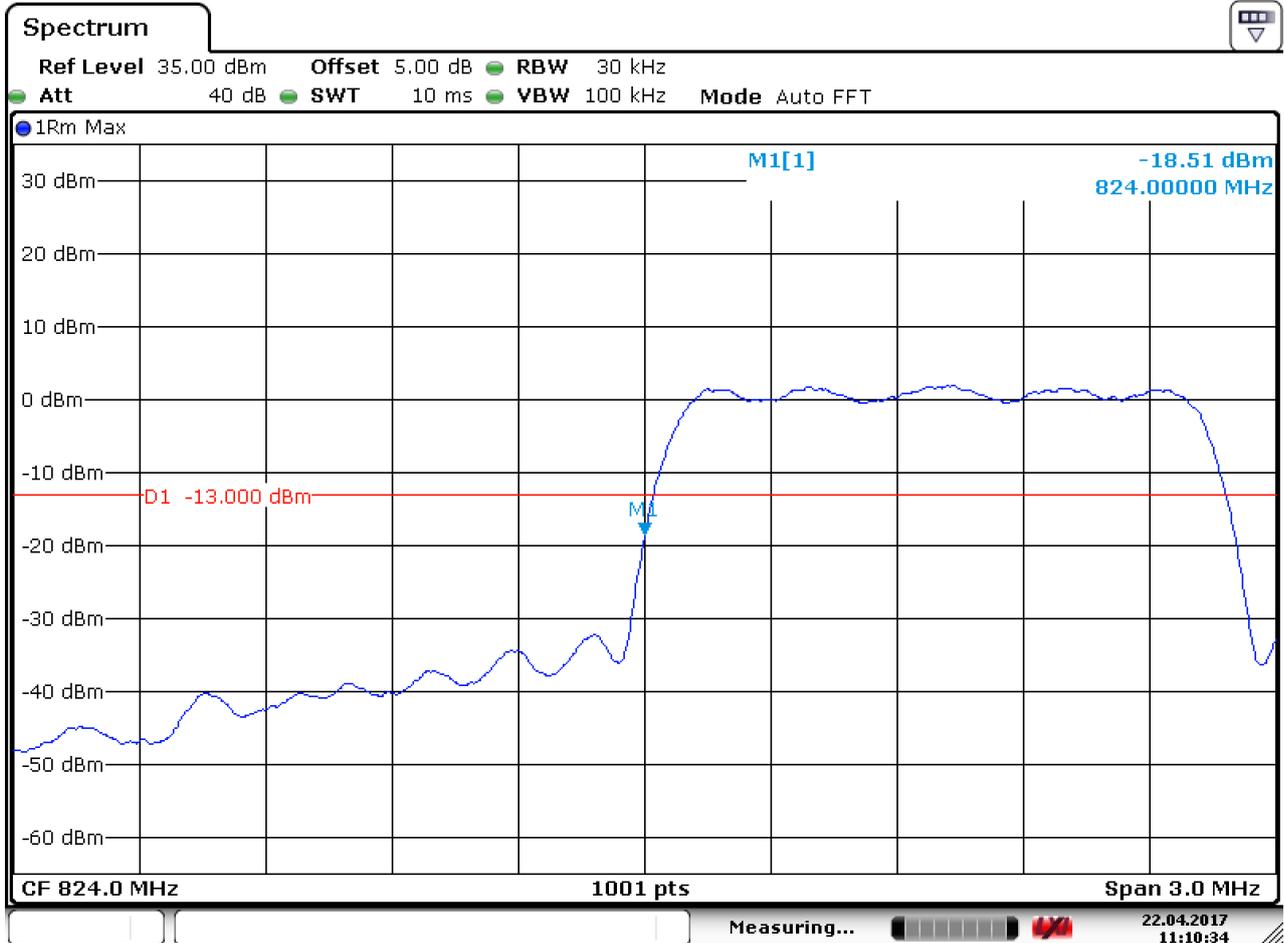
Part I - Test Plots

5.1 For CDMA

5.1.1 Test Band = CDMA BC0

5.1.1.1 Test Mode = CDMA /TM1

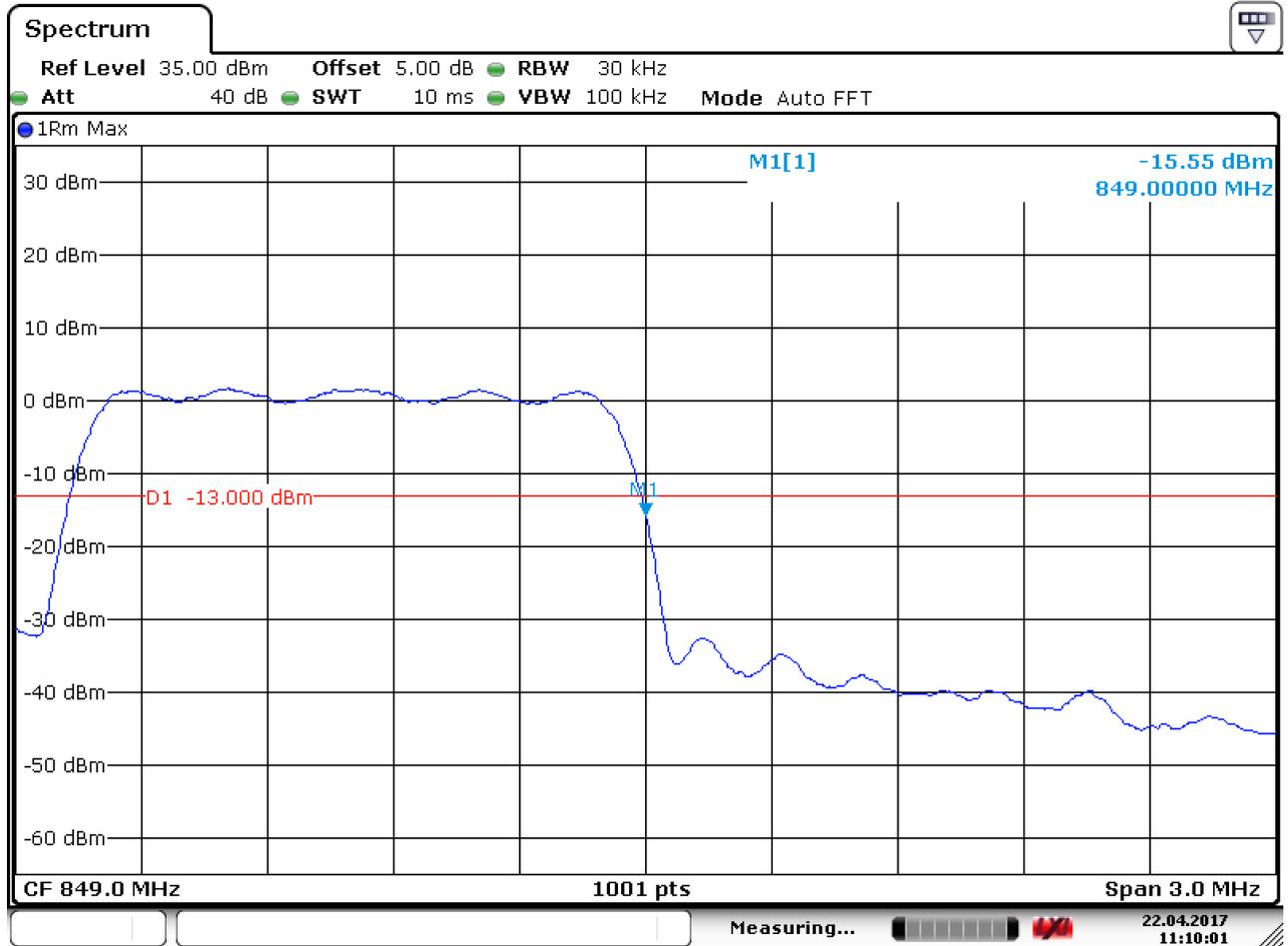
5.1.1.1.1 Test Channel = LCH



Date: 22.APR.2017 11:10:35



5.1.1.1.2 Test Channel = HCH



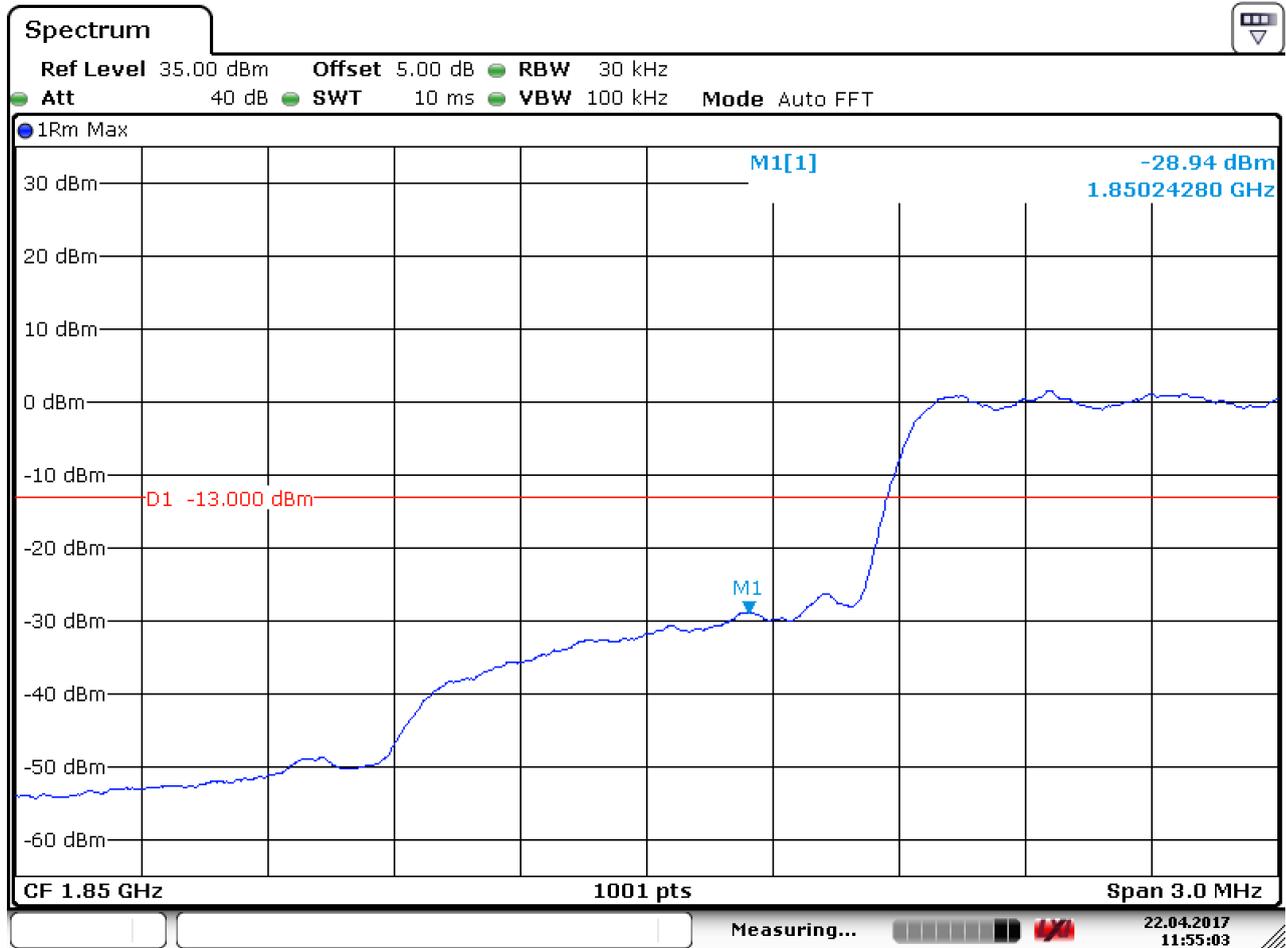
Date: 22.APR.2017 11:10:01



5.1.2 Test Band = CDMA BC1

5.1.2.1 Test Mode = CDMA /TM1

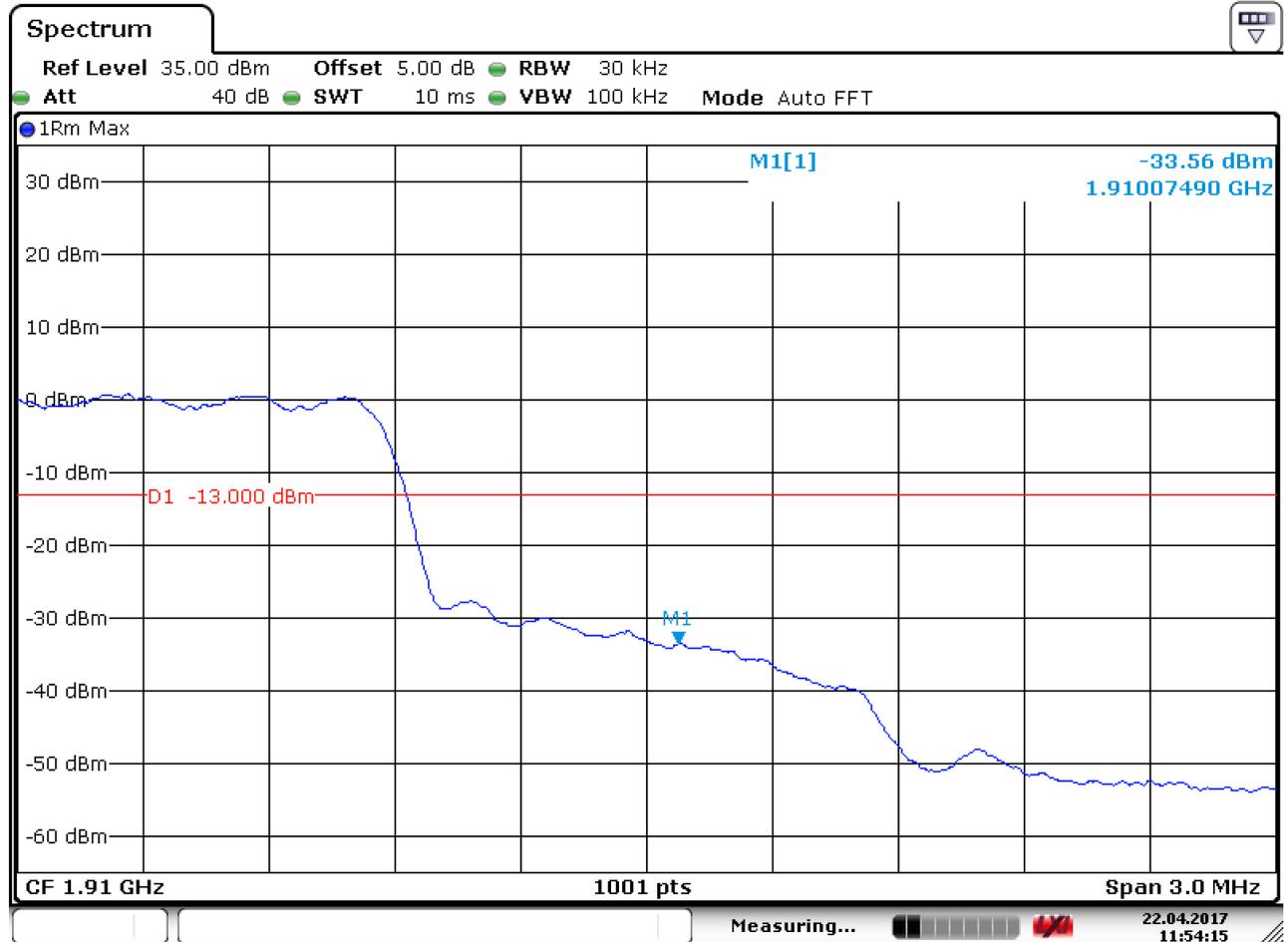
5.1.2.1.1 Test Channel = LCH



Date: 22.APR.2017 11:55:03

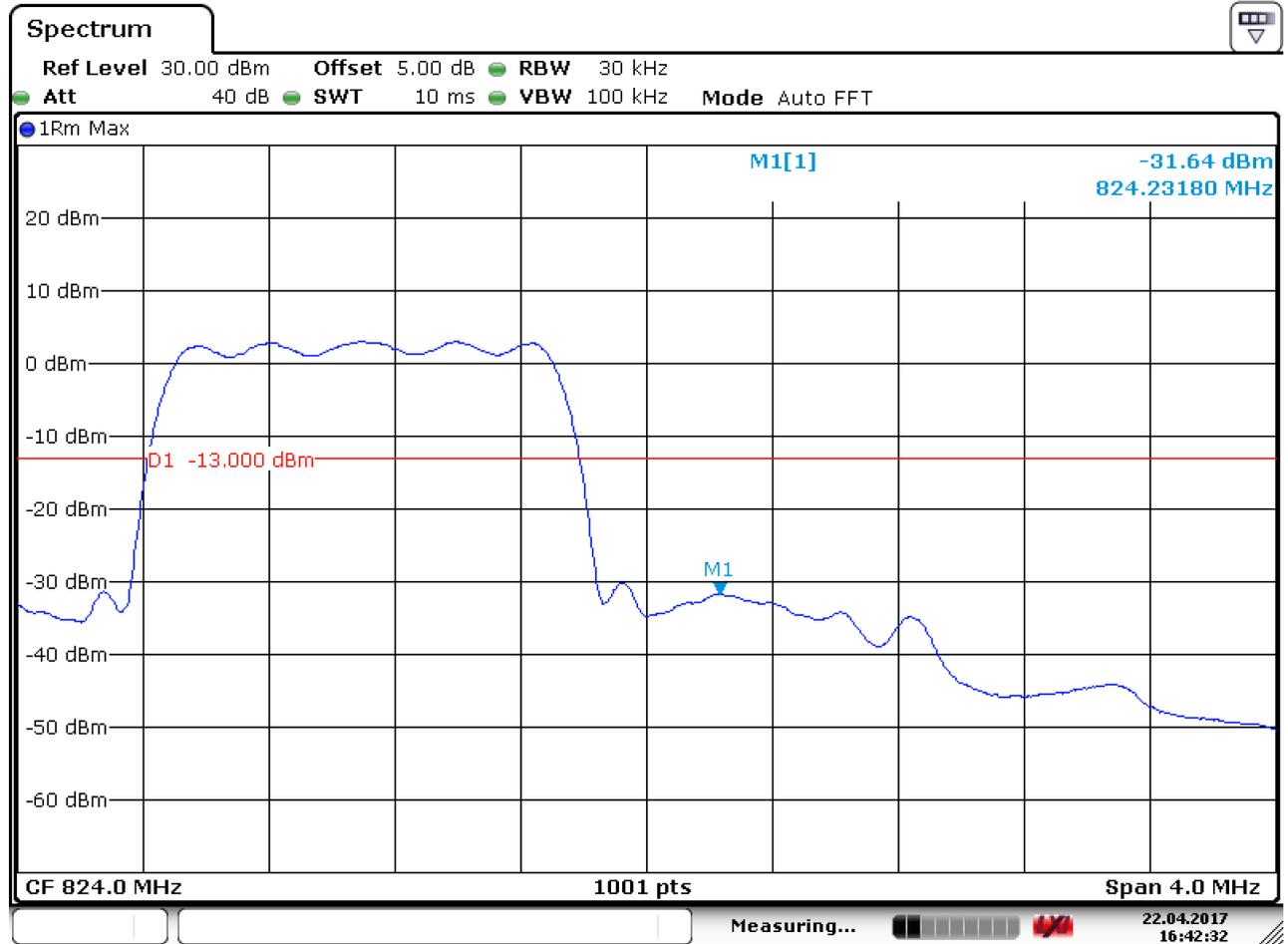


5.1.2.1.2 Test Channel = HCH



Date: 22.APR.2017 11:54:16

5.1.3.1.2 Test Channel = HCH



Date: 22.APR.2017 16:42:32

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.

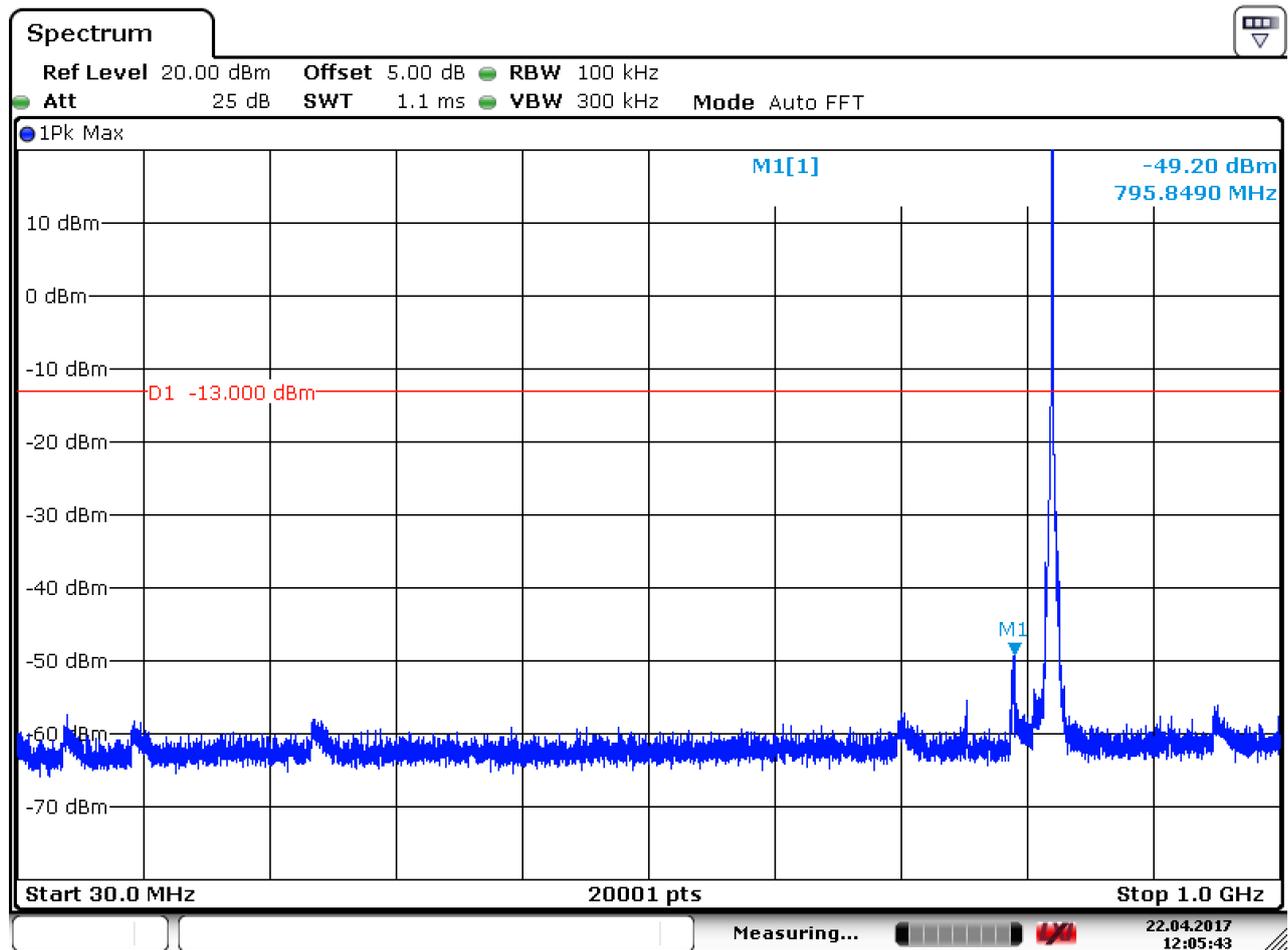
Part I - Test Plots

6.1 For CDMA

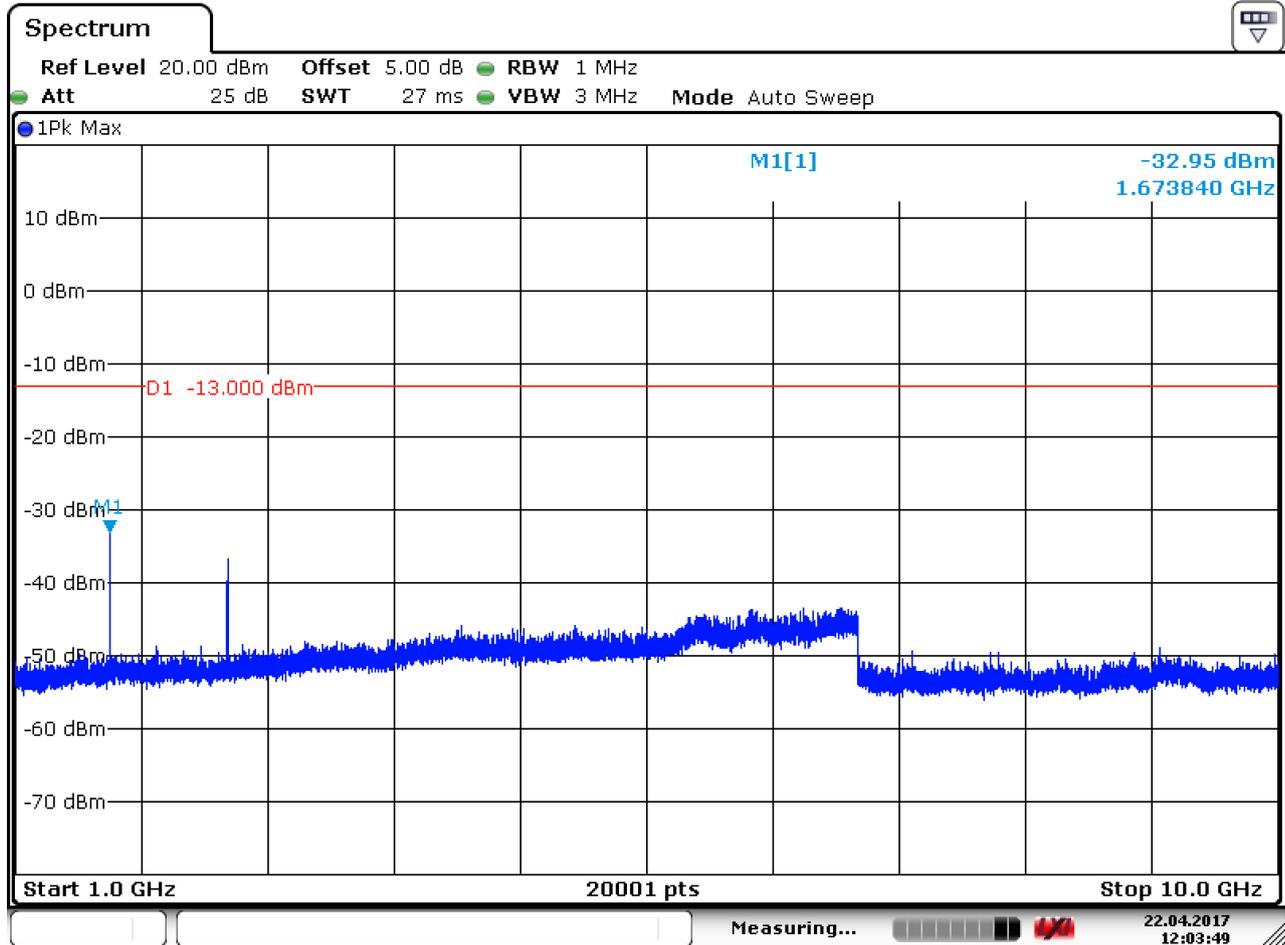
6.1.1 Test Band = CDMA BC0

6.1.1.1 Test Mode = CDMA /TM1

6.1.1.1.1 Test Channel = LCH



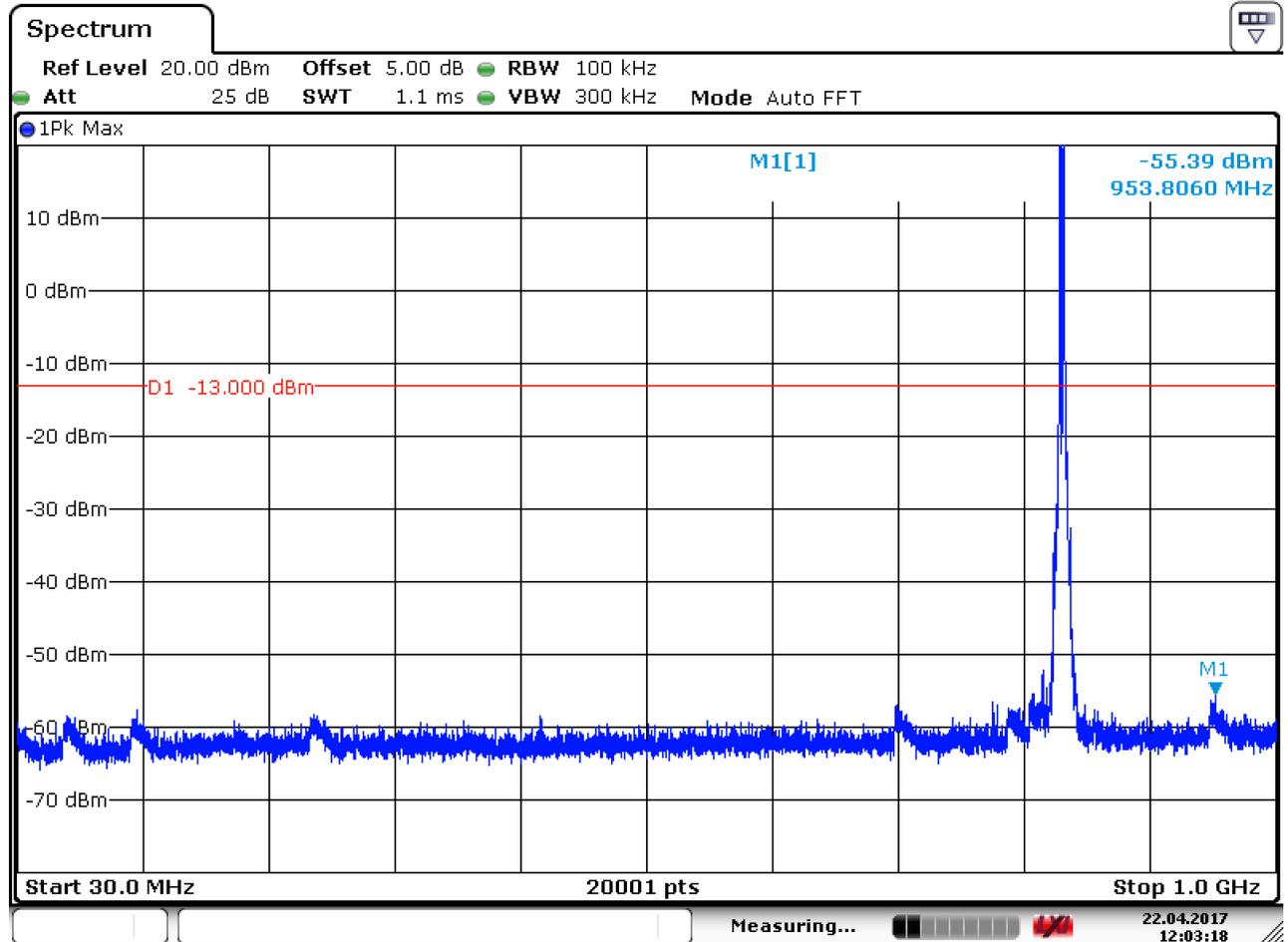
Date: 22.APR.2017 12:05:43



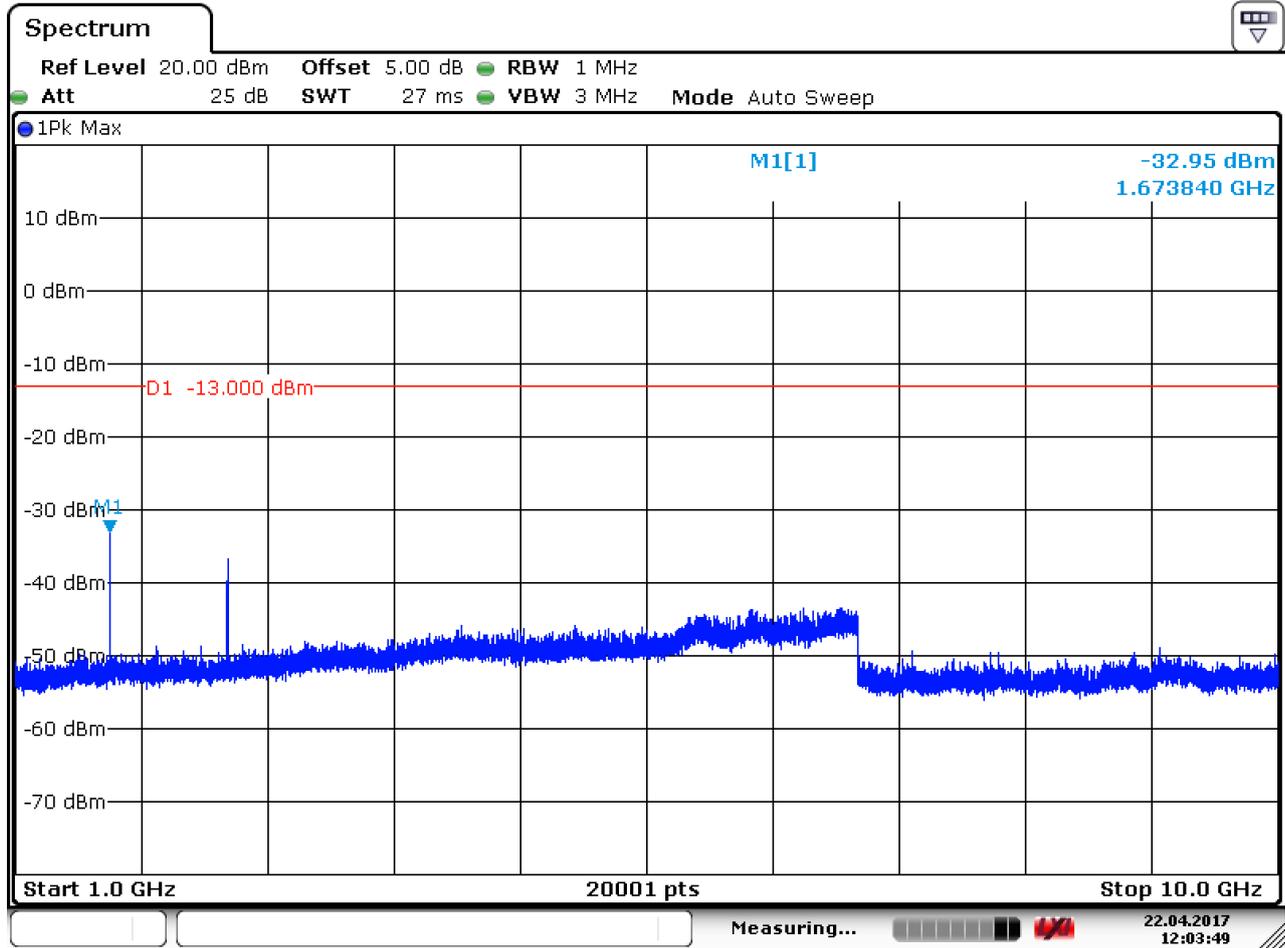
Date: 22.APR.2017 12:03:50



6.1.1.1.2 Test Channel = MCH



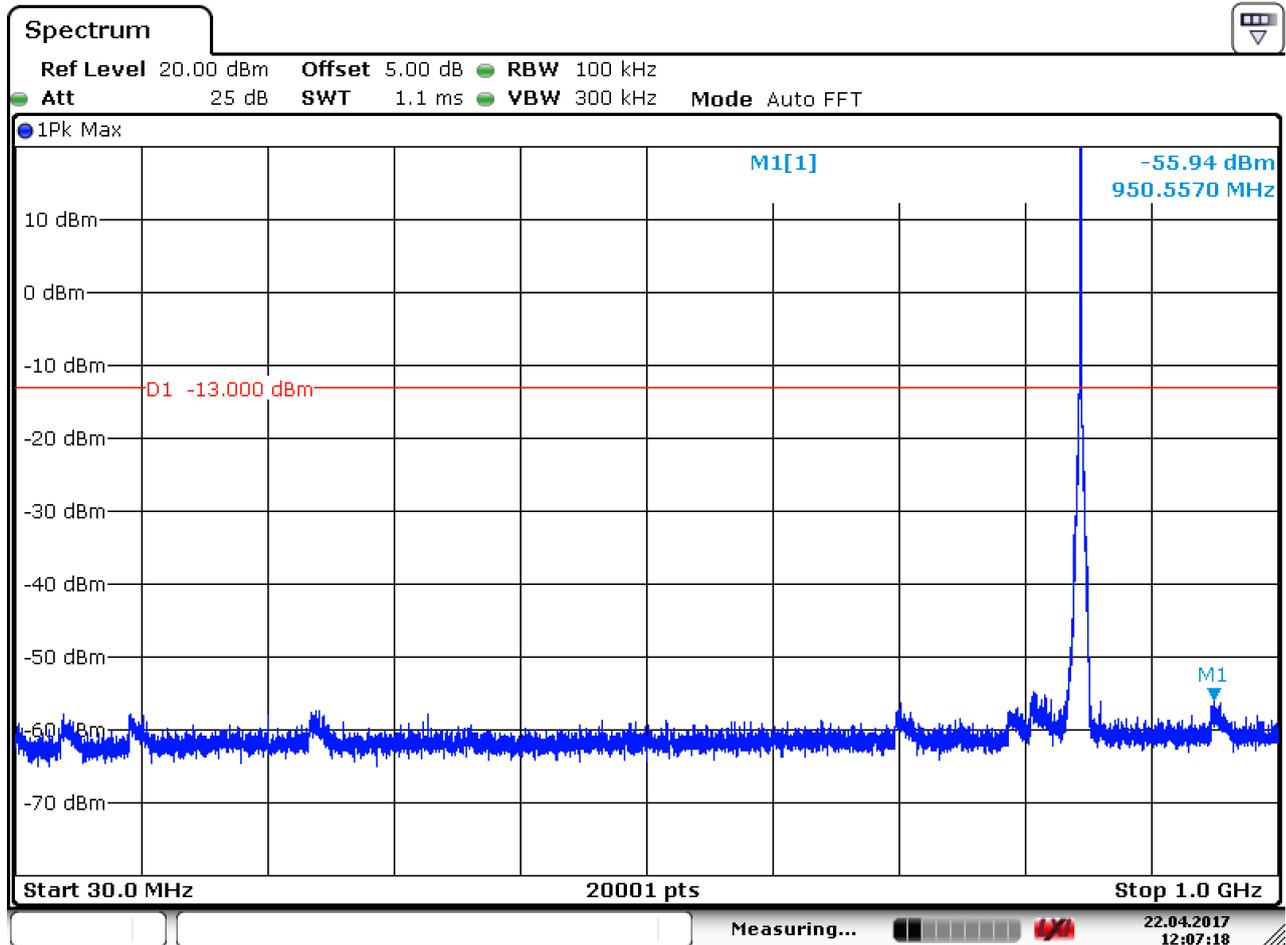
Date: 22.APR.2017 12:03:18



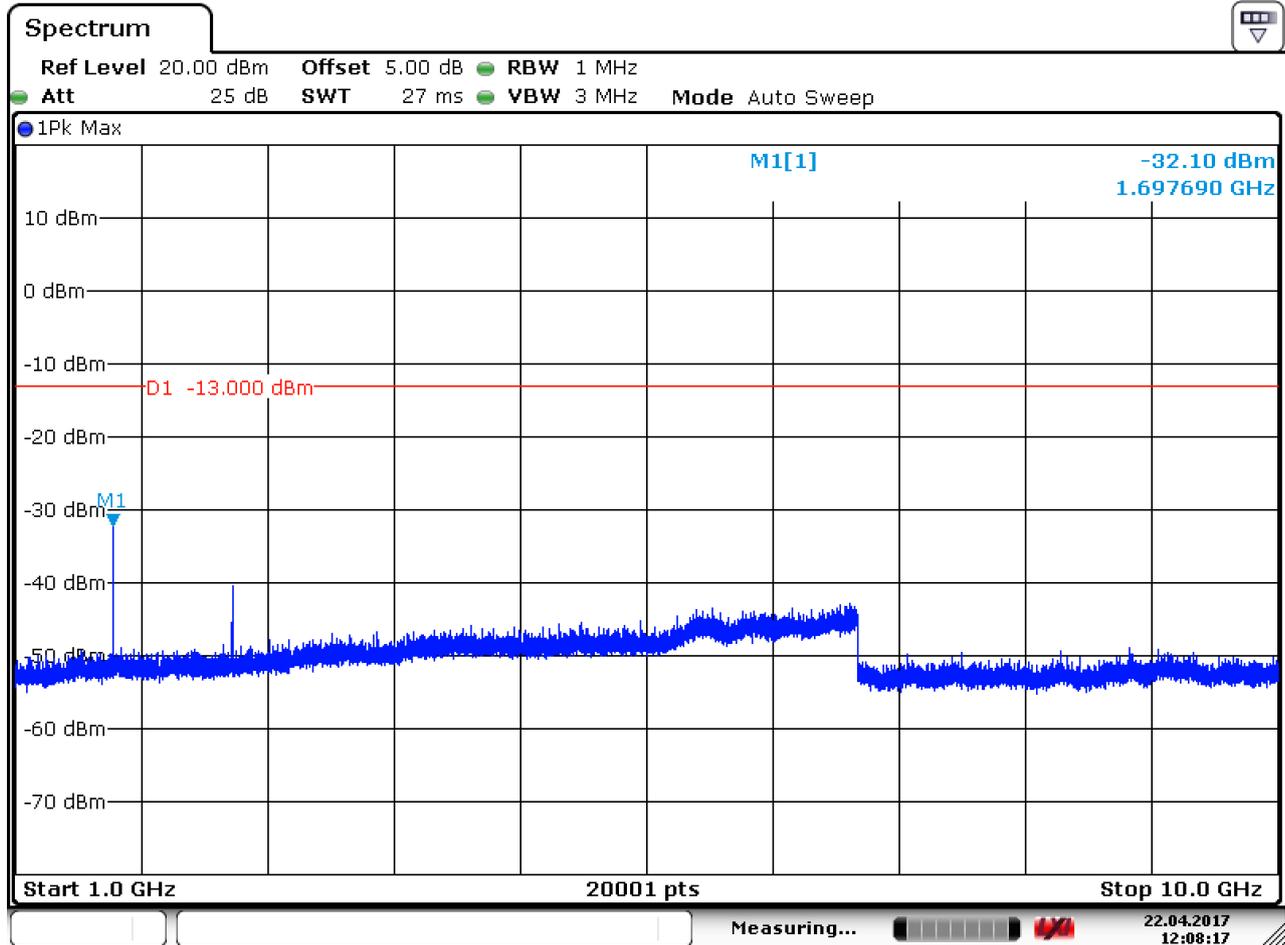
Date: 22.APR.2017 12:03:50



6.1.1.1.3 Test Channel = HCH



Date: 22.APR.2017 12:07:19



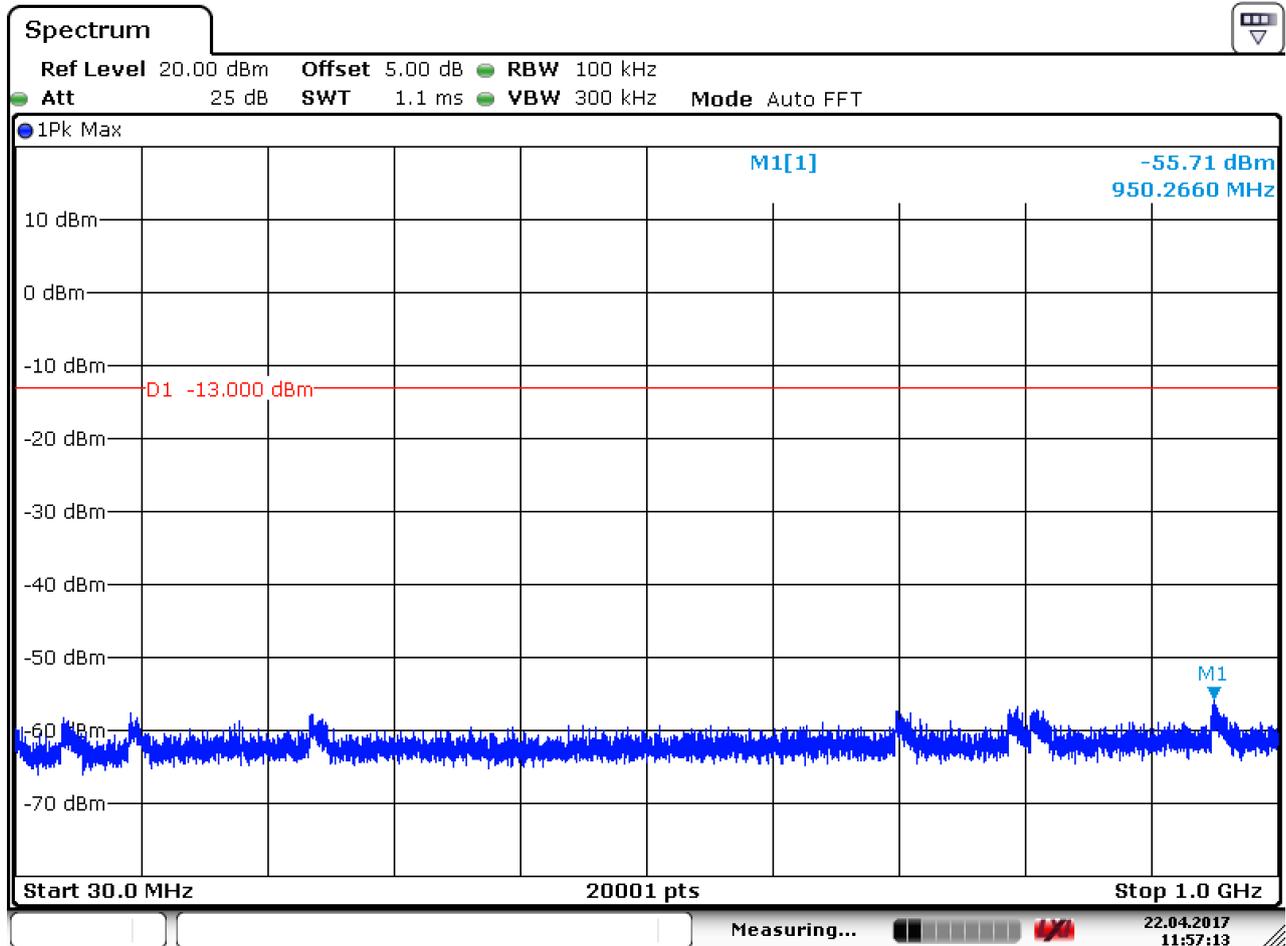
Date: 22.APR.2017 12:08:18



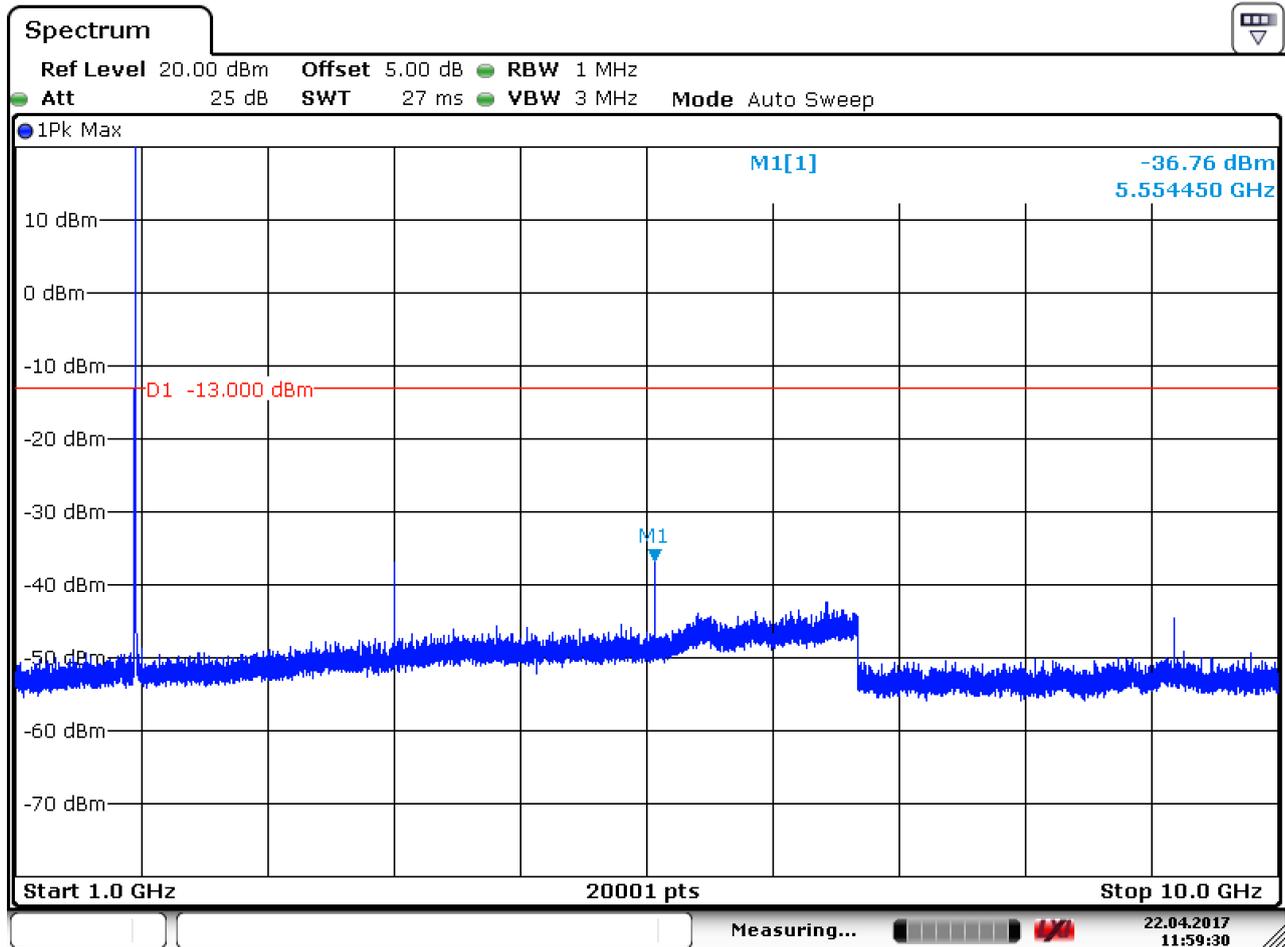
6.1.2 Test Band = CDMA BC1

6.1.2.1 Test Mode = CDMA/TM1

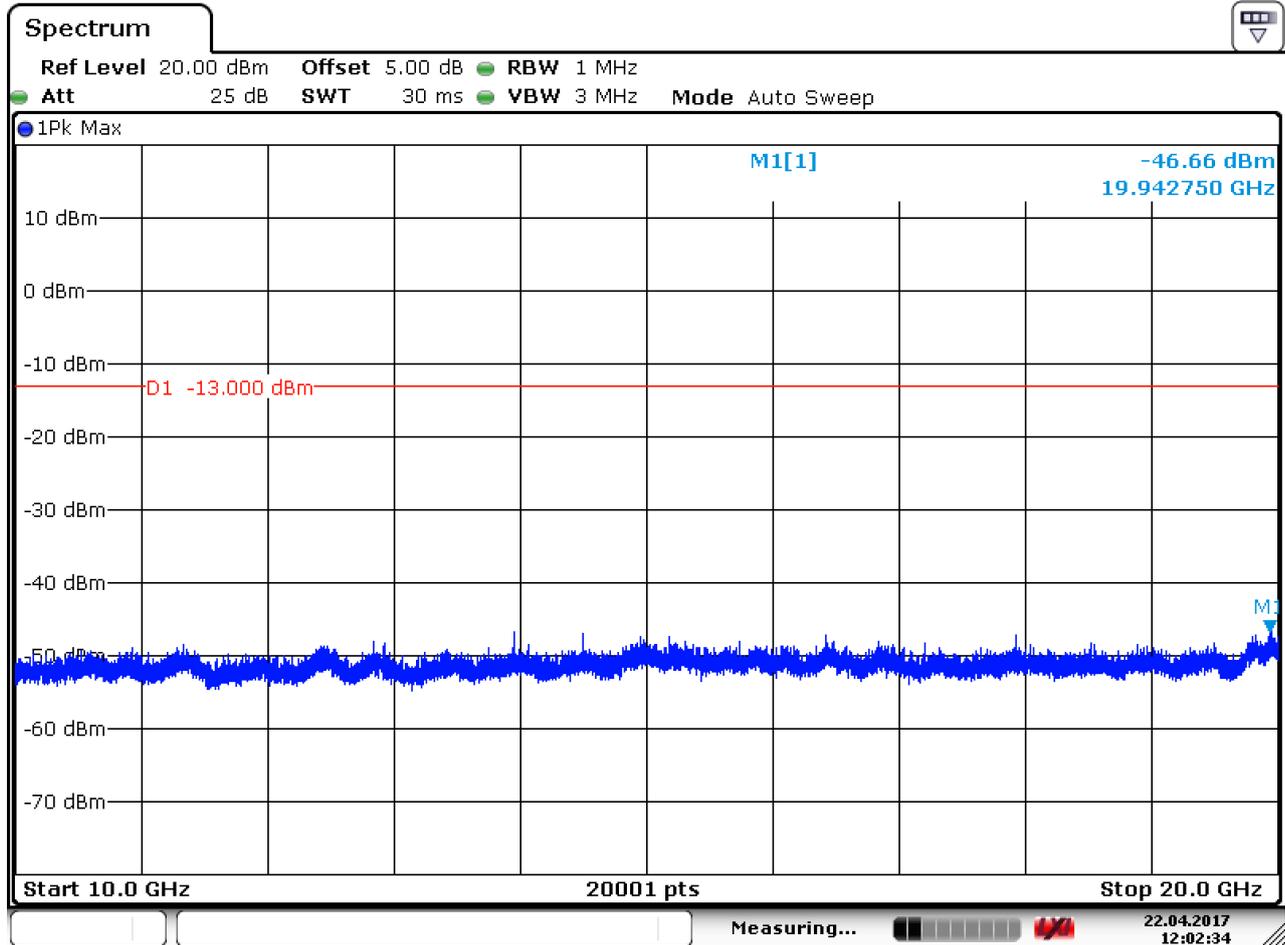
6.1.2.1.1 Test Channel = LCH



Date: 22.APR.2017 11:57:13



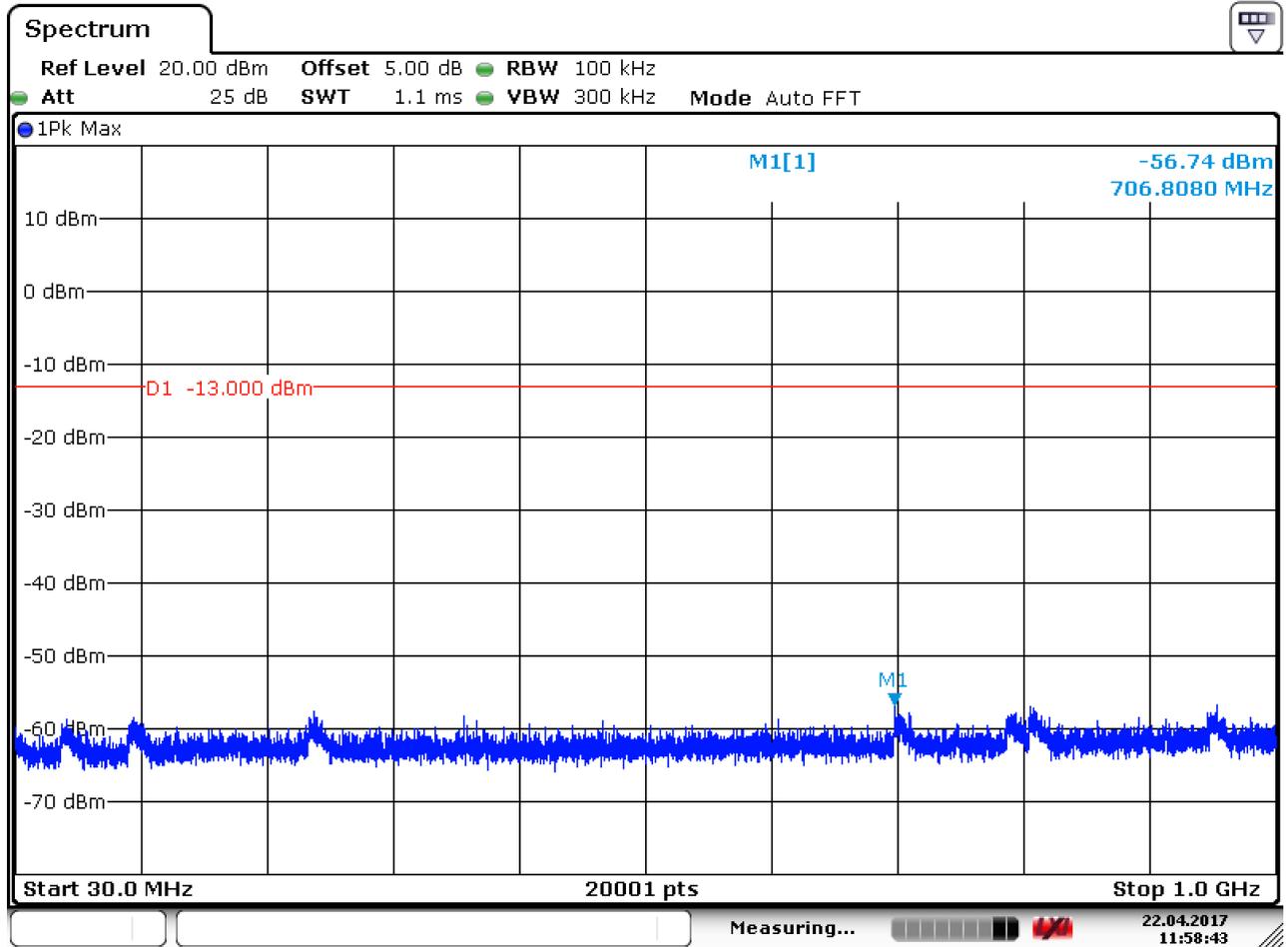
Date: 22.APR.2017 11:59:30



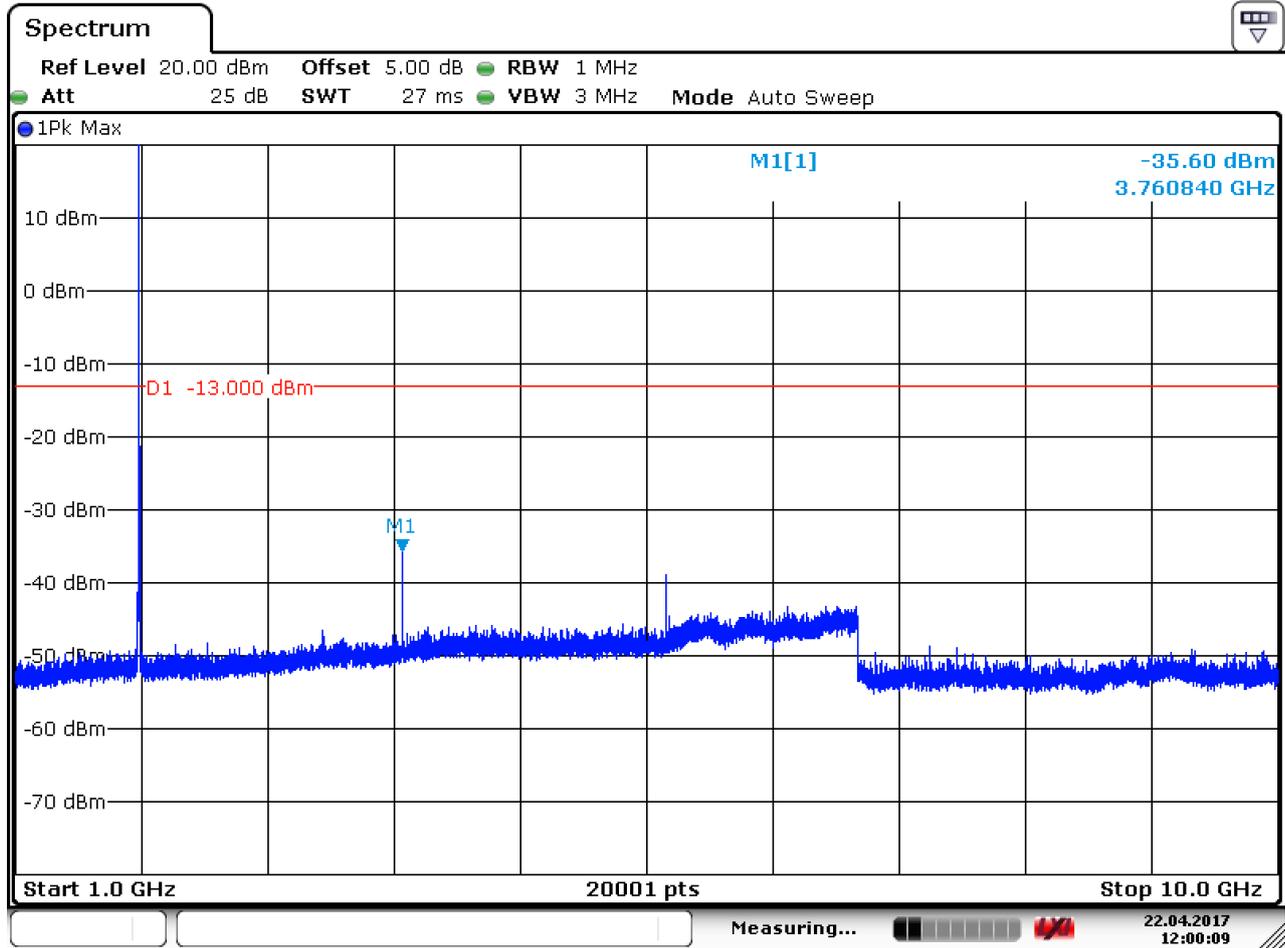
Date: 22.APR.2017 12:02:35



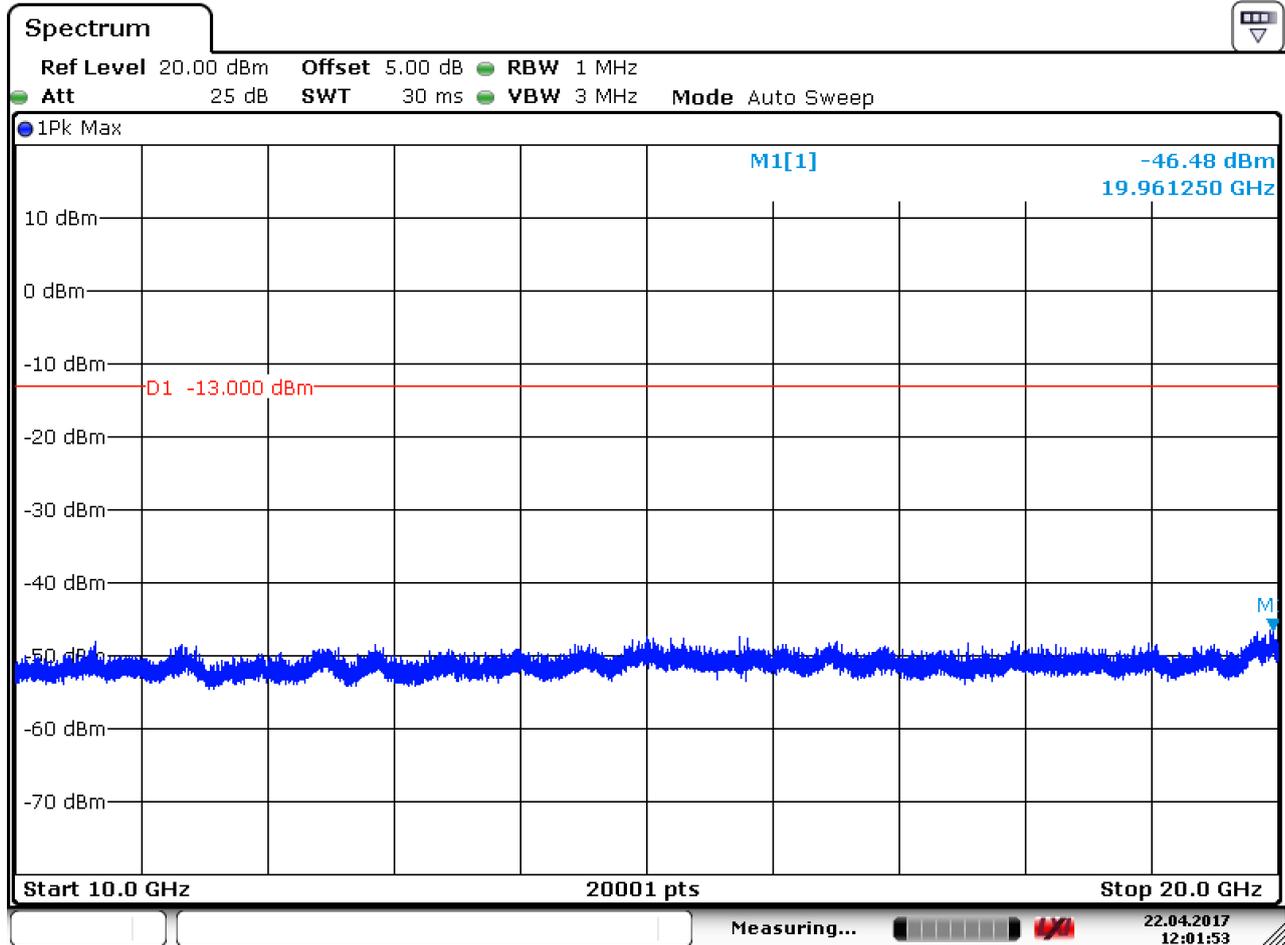
6.1.2.1.2 Test Channel = MCH



Date: 22.APR.2017 11:58:43



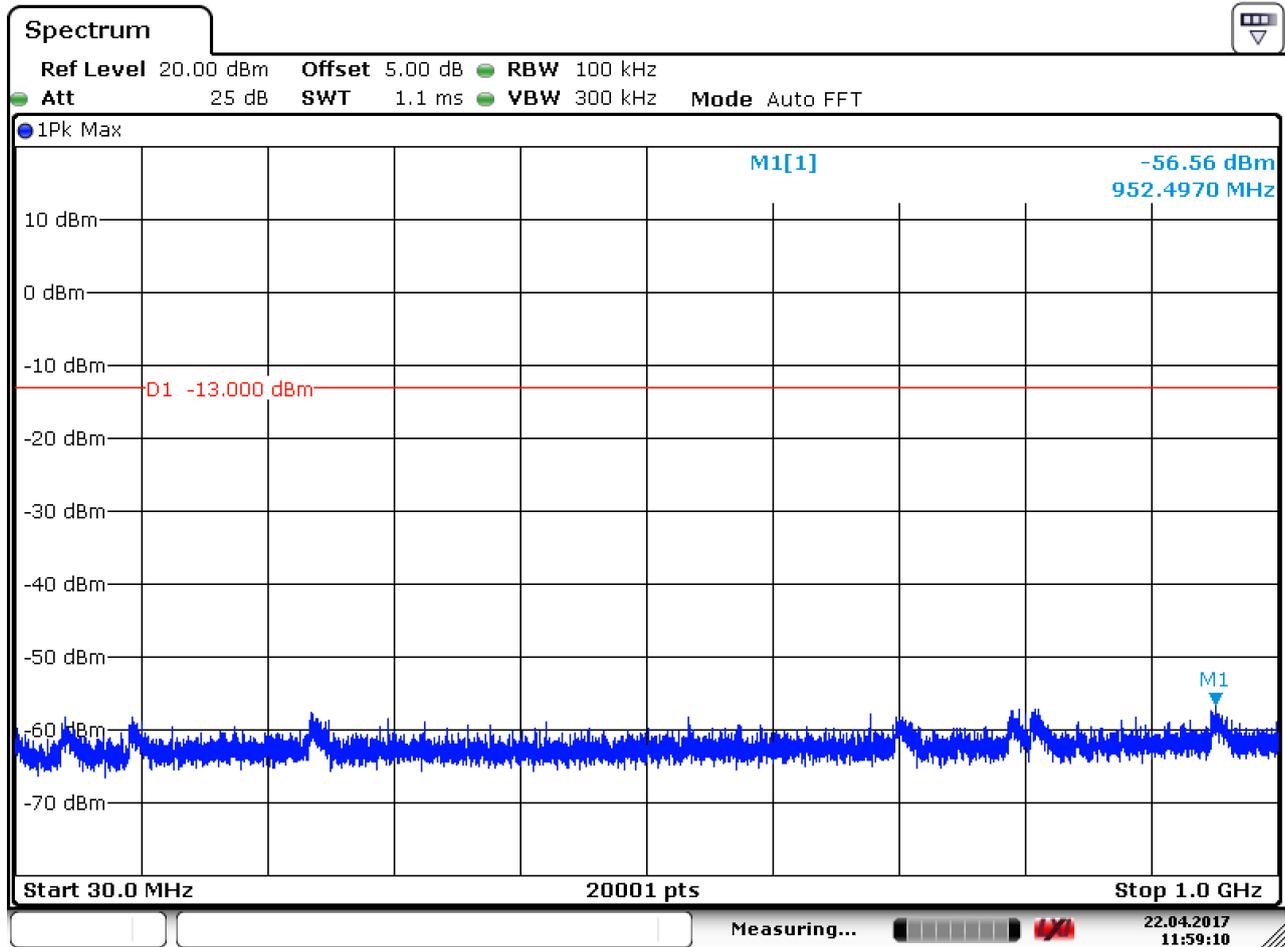
Date: 22.APR.2017 12:00:09



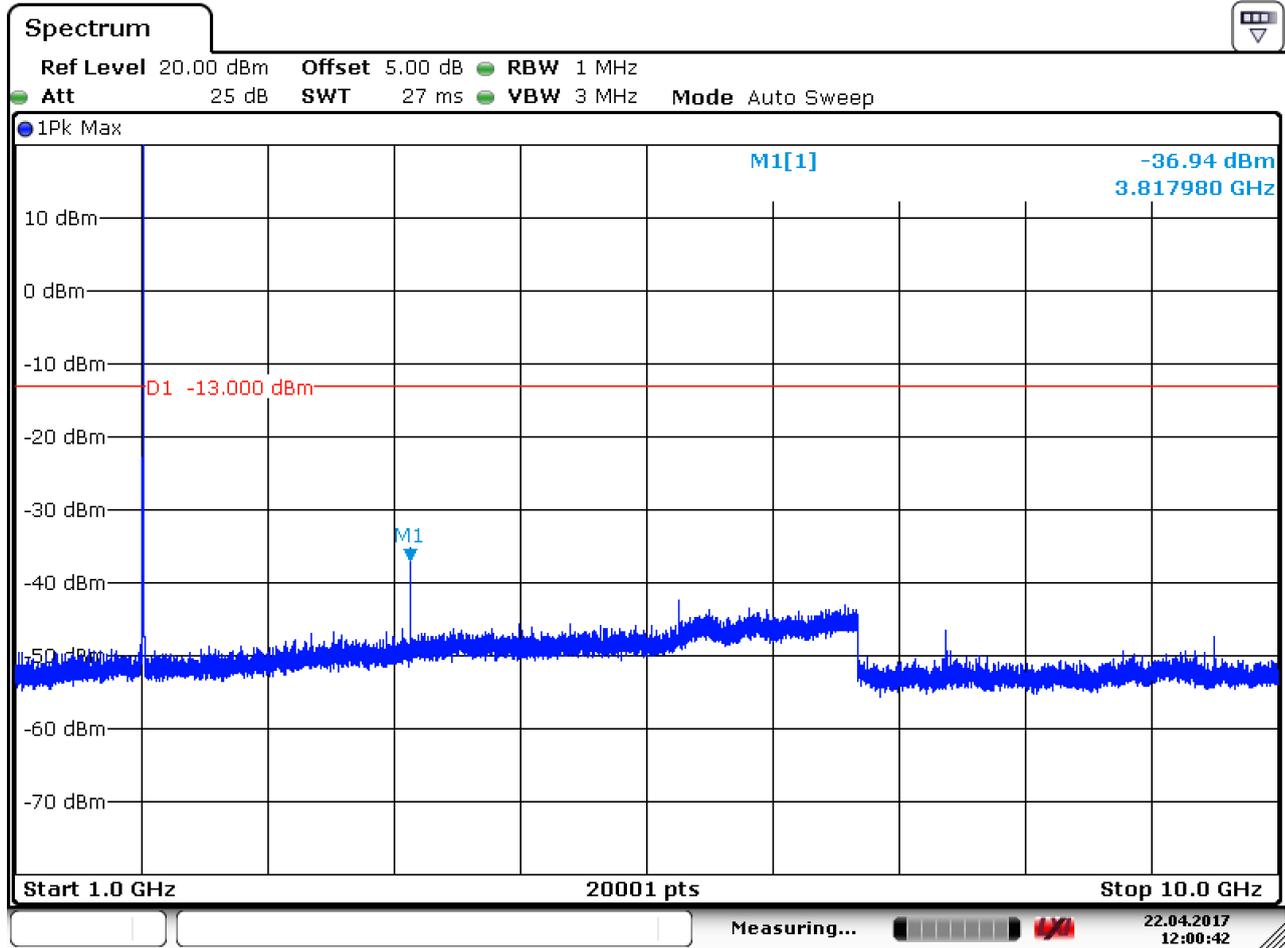
Date: 22.APR.2017 12:01:53



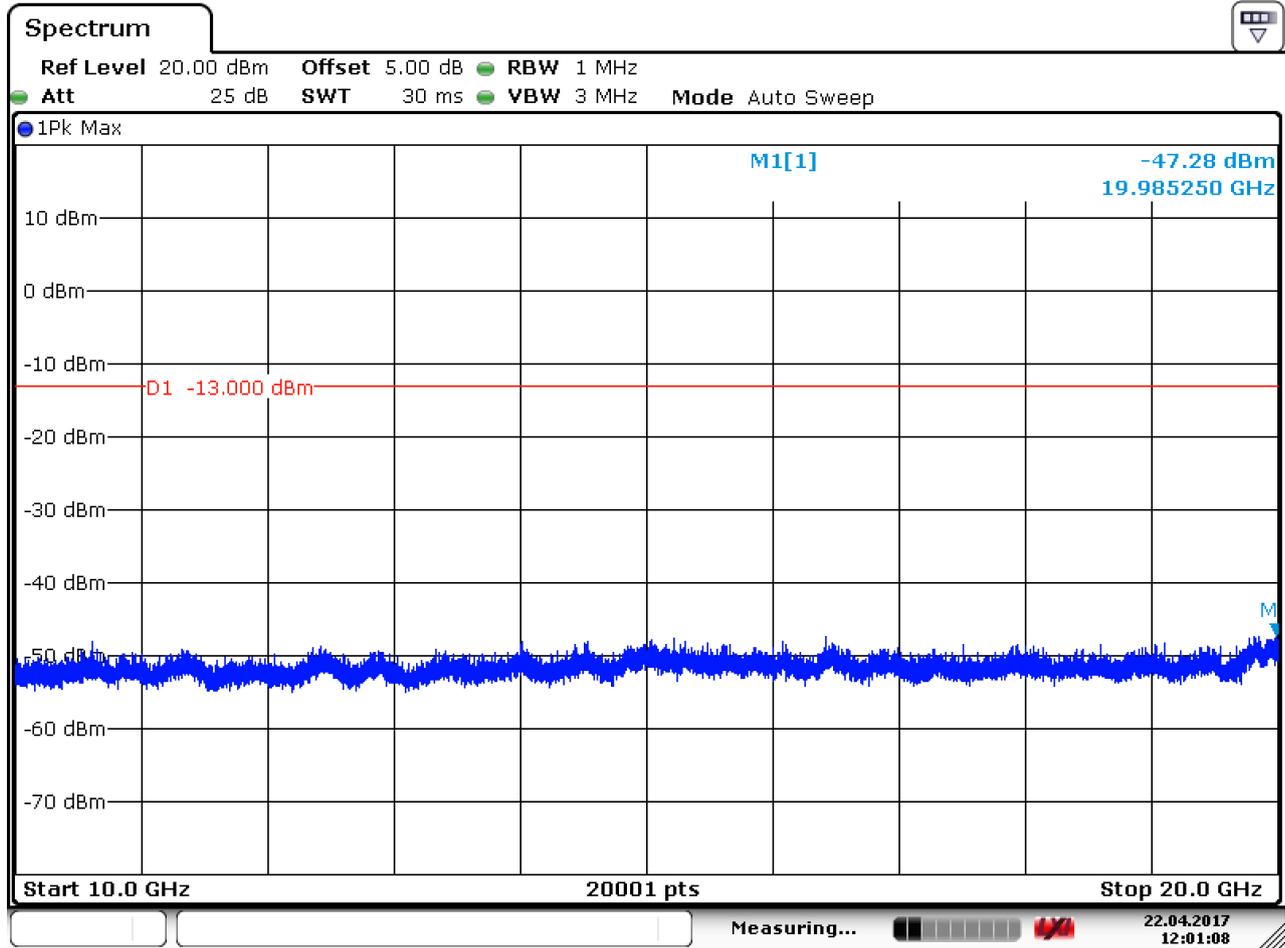
6.1.2.1.3 Test Channel = HCH



Date: 22.APR.2017 11:59:10



Date: 22.APR.2017 12:00:42



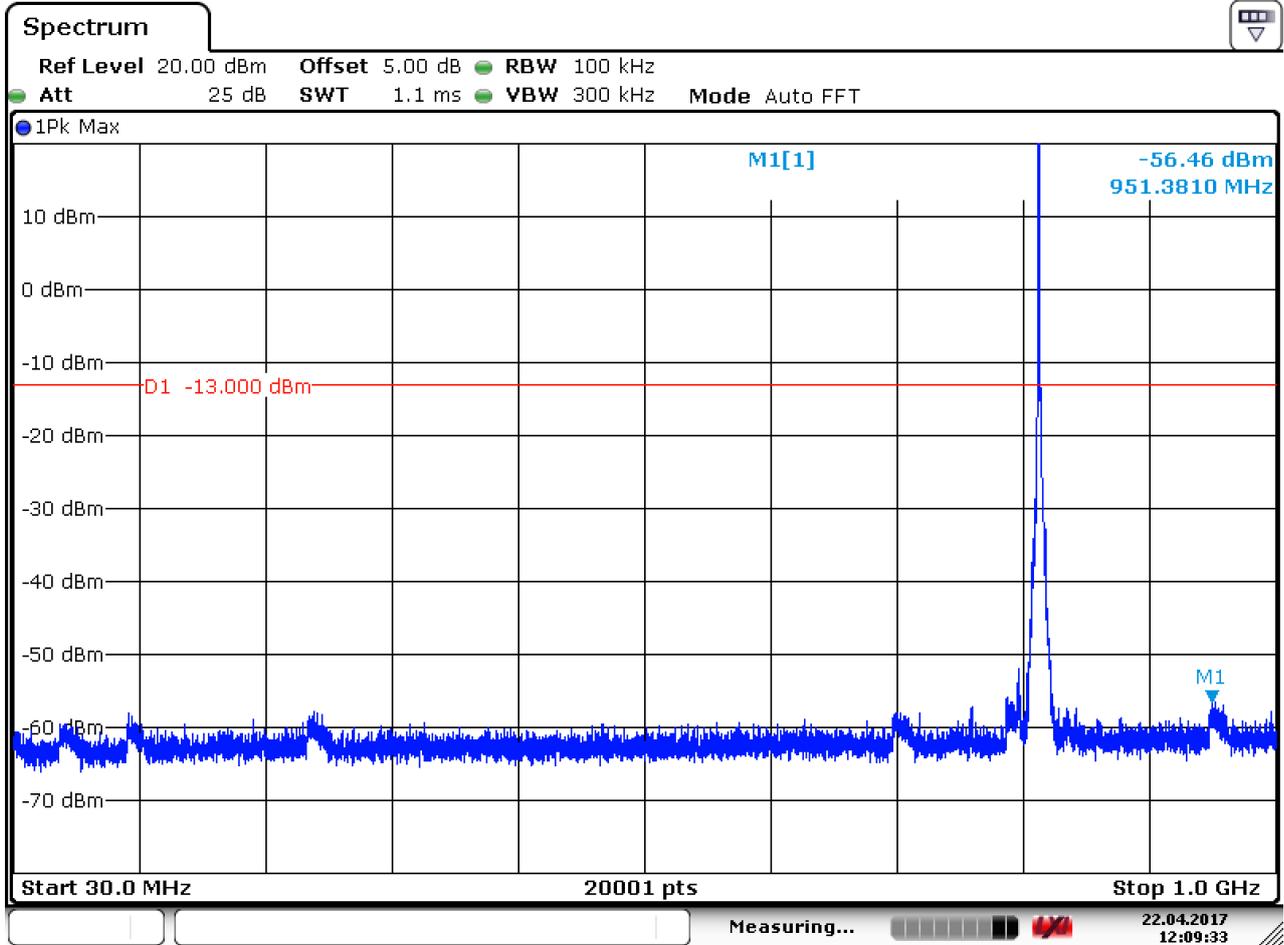
Date: 22.APR.2017 12:01:09



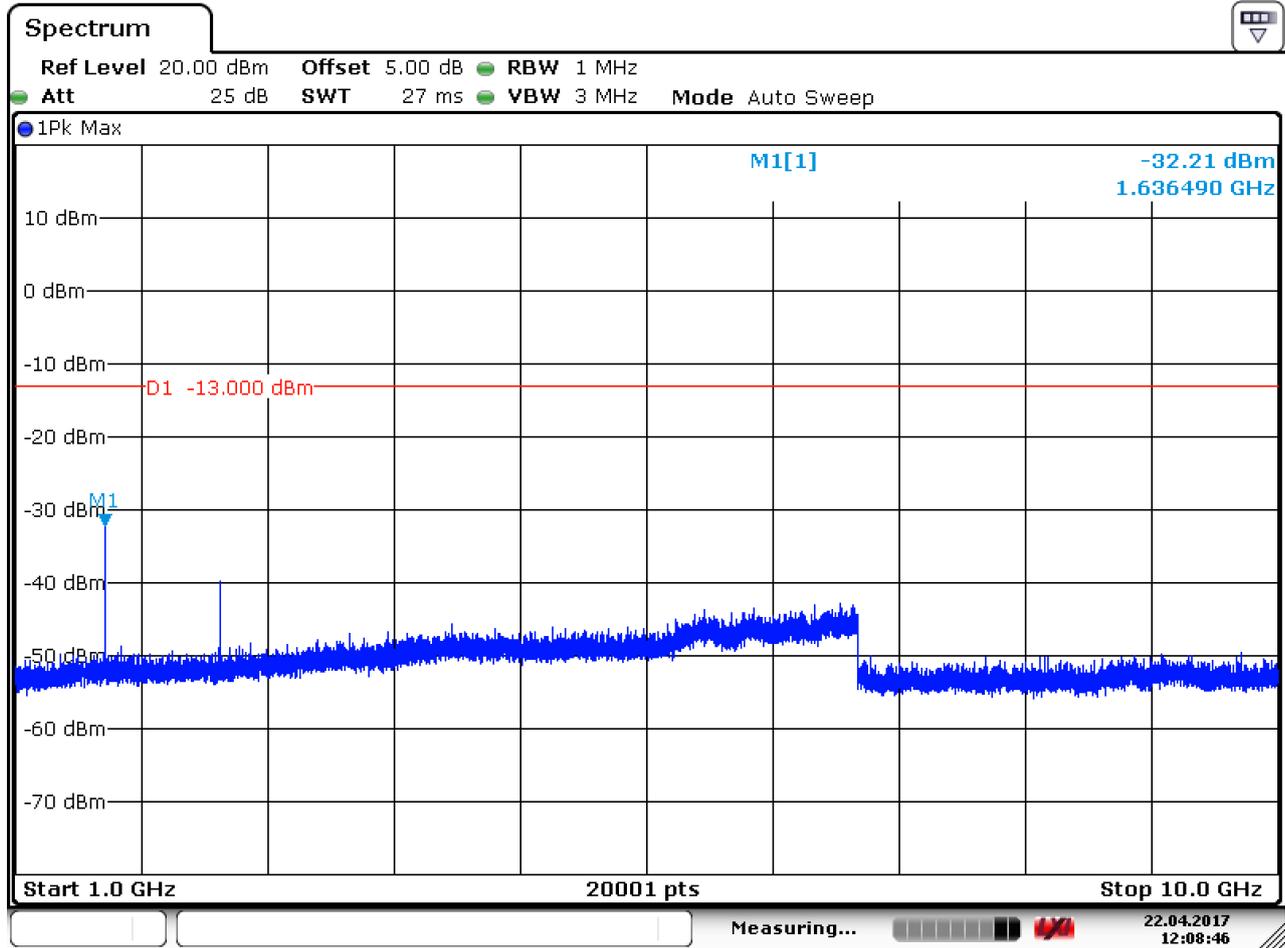
6.1.3 Test Band = CDMA BC10

6.1.3.1 Test Mode = CDMA/TM1

6.1.3.1.1 Test Channel = LCH



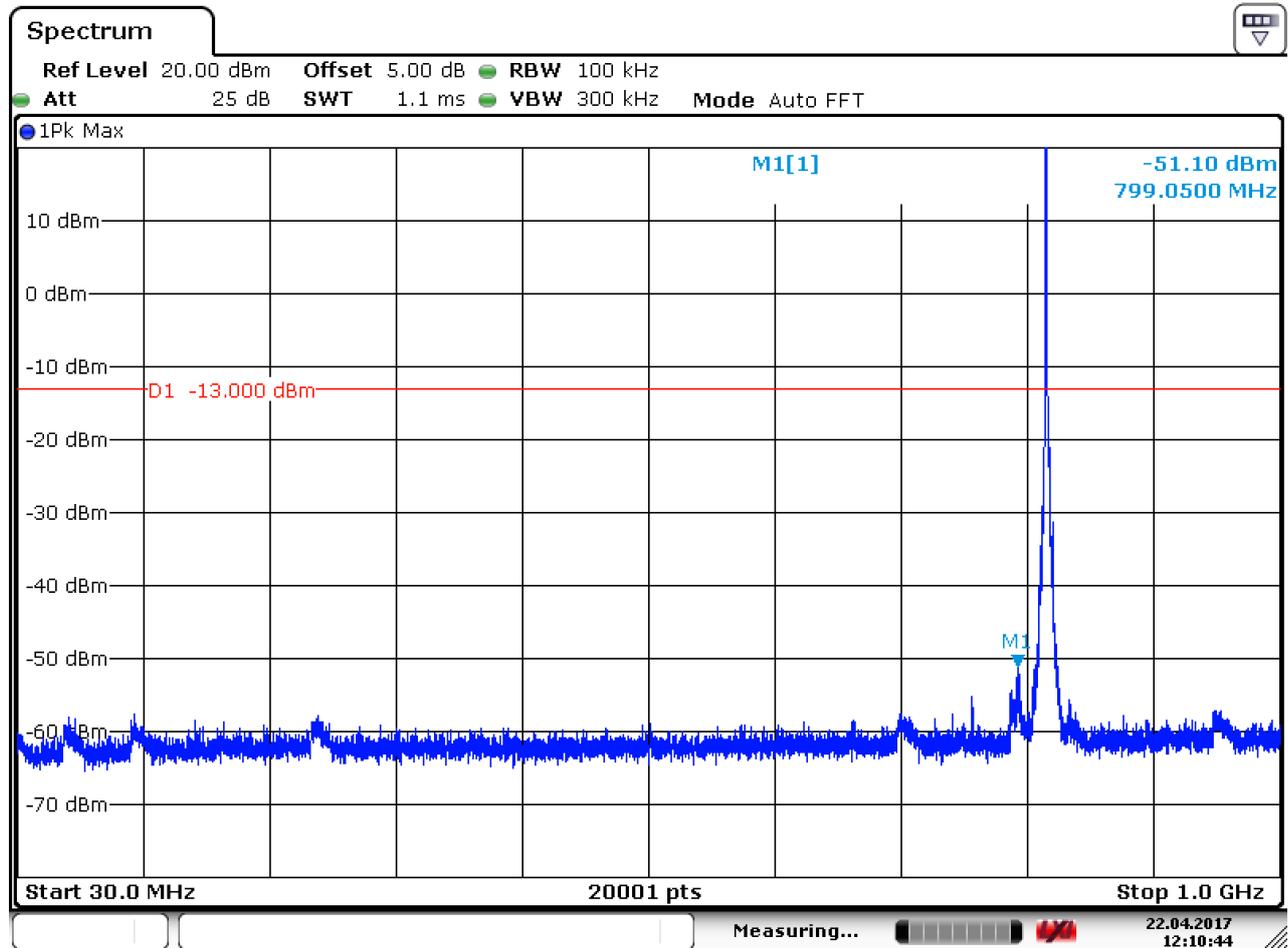
Date: 22.APR.2017 12:09:34



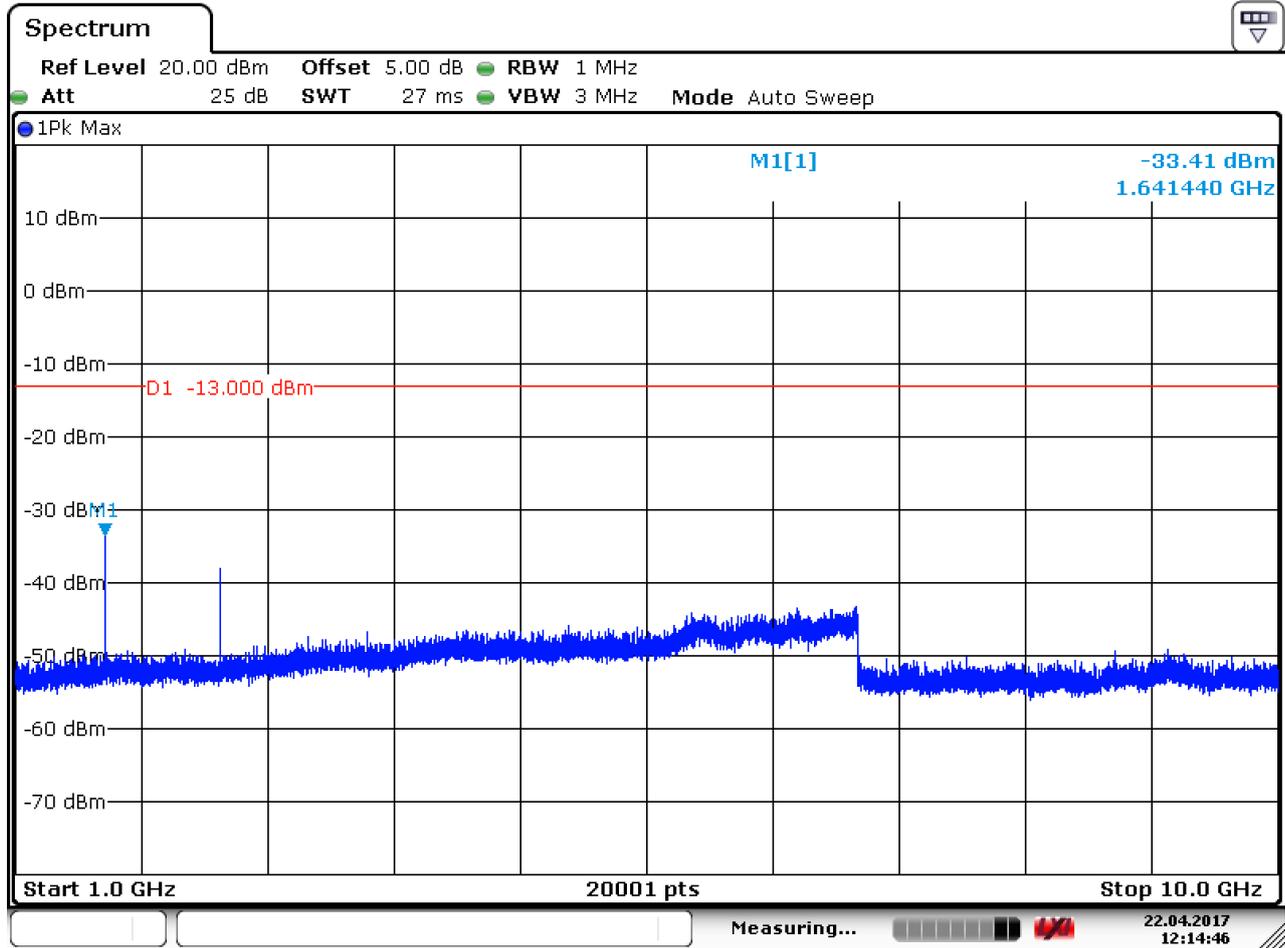
Date: 22.APR.2017 12:08:47



6.1.3.1.2 Test Channel = MCH



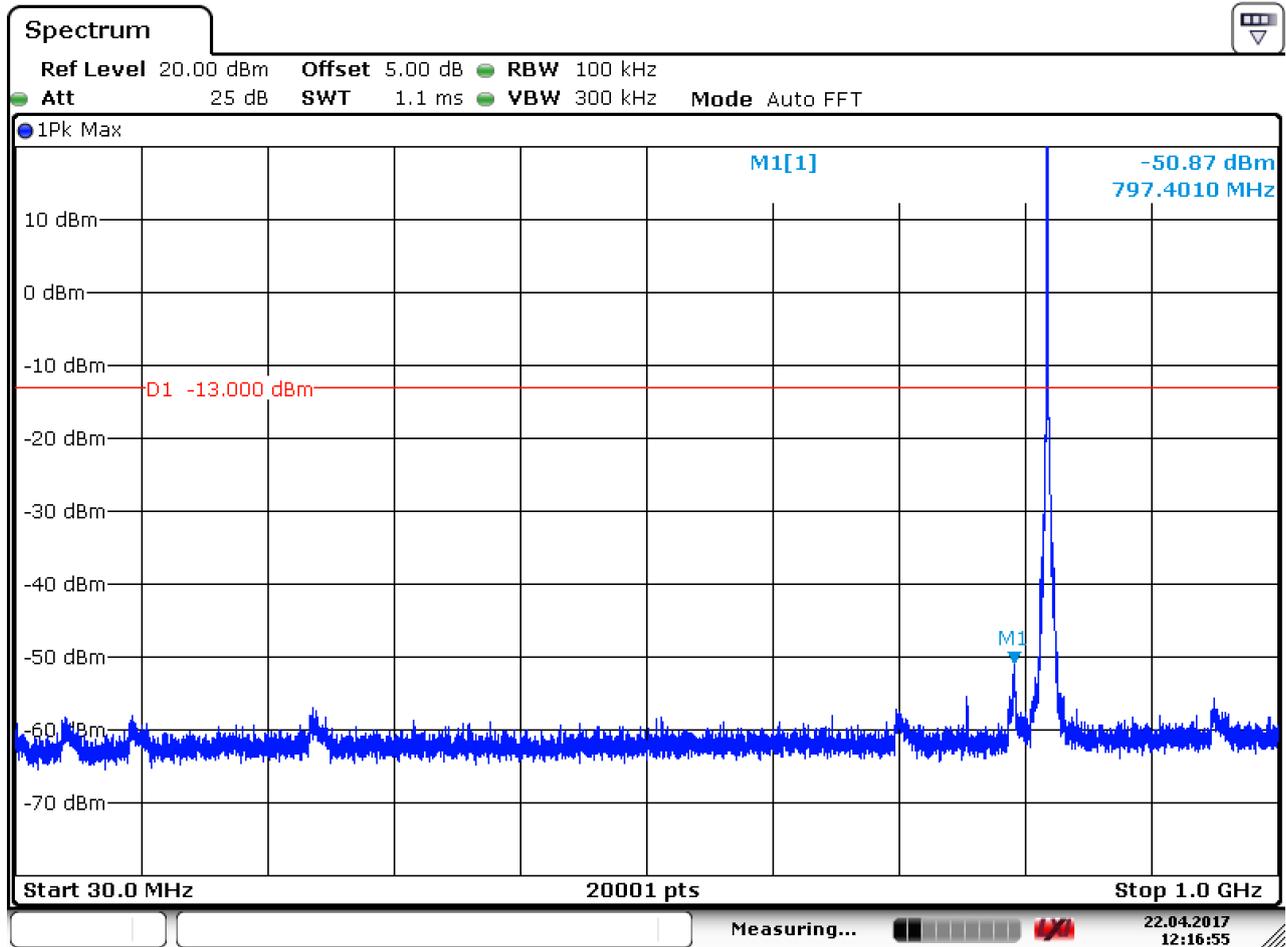
Date: 22.APR.2017 12:10:45



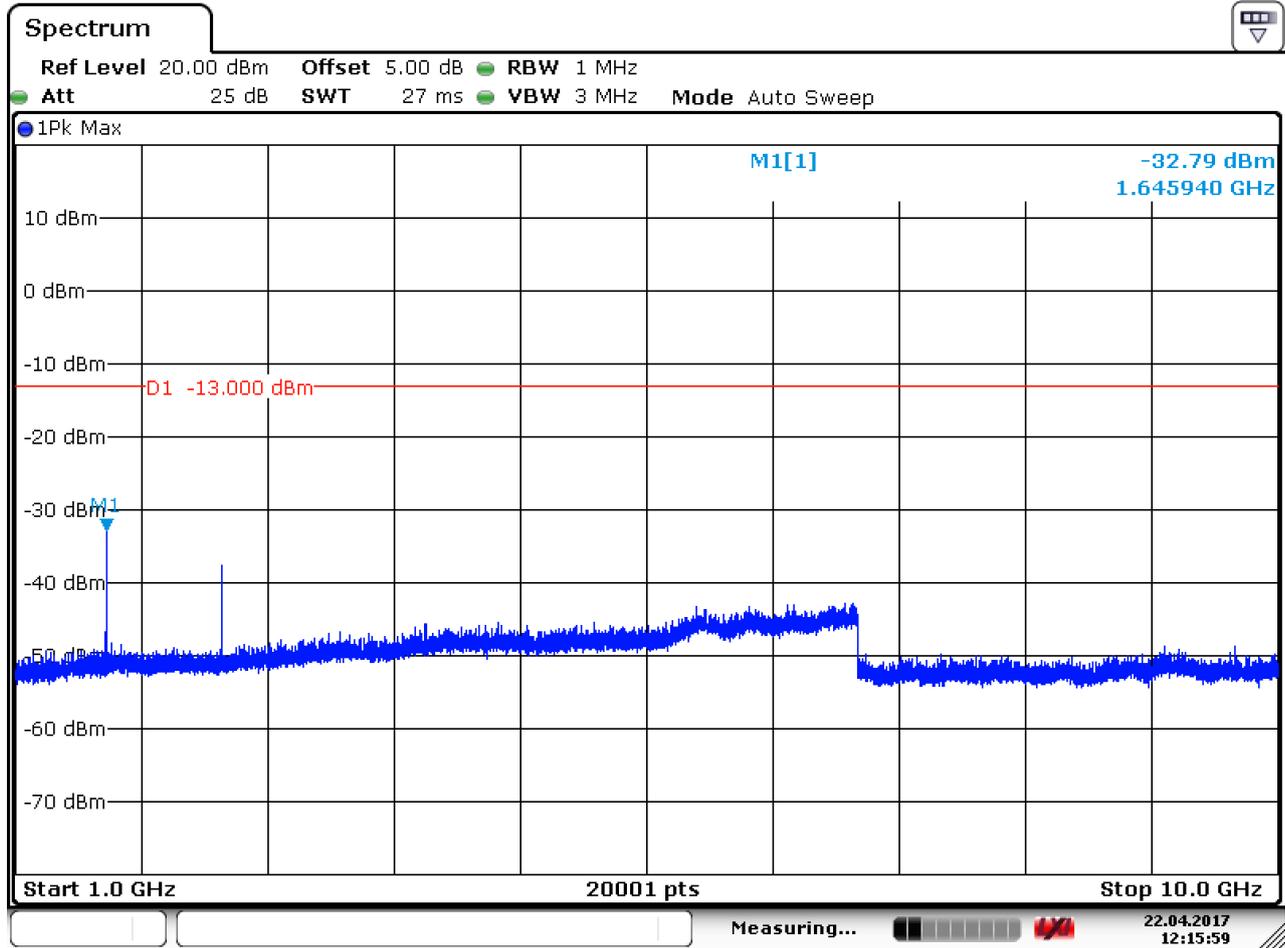
Date: 22.APR.2017 12:14:46



6.1.3.1.3 Test Channel = HCH



Date: 22.APR.2017 12:16:56



Date: 22.APR.2017 12:16:00



7 Field Strength of Spurious Radiation

Part I - Test Plots

7.1 For CDMA

7.1.1 Test Band = CDMA BC0

7.1.1.1 Test Mode = CDMA /TM1

7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1244.500	-50.07	-13.00	-37.07	Vertical
1895.500	-44.31	-13.00	-31.31	Vertical
4410.825	-55.59	-13.00	-42.59	Vertical
1160.000	-50.61	-13.00	-37.61	Horizontal
2108.500	-44.40	-13.00	-31.40	Horizontal
5924.025	-55.37	-13.00	-42.37	Horizontal

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1240.000	-48.52	-13.00	-35.52	Vertical
1608.500	-48.67	-13.00	-35.67	Vertical
2728.000	-44.91	-13.00	-31.91	Vertical
1282.000	-50.79	-13.00	-37.79	Horizontal
4267.012	-55.44	-13.00	-42.44	Horizontal
6288.187	-54.55	-13.00	-41.55	Horizontal

7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1387.500	-49.40	-13.00	-36.40	Vertical
5172.300	-55.81	-13.00	-42.81	Vertical
8925.562	-53.06	-13.00	-40.06	Vertical
1196.500	-49.73	-13.00	-36.73	Horizontal
1633.000	-47.46	-13.00	-34.46	Horizontal
4357.200	-55.68	-13.00	-42.68	Horizontal



7.1.2 Test Band = CDMAband BC1

7.1.2.1 Test Mode = CDMA /TM1

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
2112.000	-48.36	-13.00	-35.36	Vertical
4838.362	-67.16	-13.00	-54.16	Vertical
10637.175	-63.89	-13.00	-50.89	Vertical
2113.000	-54.41	-13.00	-41.41	Horizontal
5135.737	-66.12	-13.00	-53.12	Horizontal
10622.062	-63.82	-13.00	-50.82	Horizontal

7.1.2.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
2132.500	-51.54	-13.00	-38.54	Vertical
6930.225	-65.21	-13.00	-52.21	Vertical
10643.512	-63.93	-13.00	-50.93	Vertical
2132.500	-55.60	-13.00	-42.60	Horizontal
6930.225	-64.16	-13.00	-51.16	Horizontal
10646.437	-63.85	-13.00	-50.85	Horizontal

7.1.2.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
2153.500	-51.06	-13.00	-38.06	Vertical
6282.825	-66.05	-13.00	-53.05	Vertical
10625.475	-63.93	-13.00	-50.93	Vertical
2152.000	-54.70	-13.00	-41.70	Horizontal
7010.175	-63.60	-13.00	-50.60	Horizontal
10617.675	-63.87	-13.00	-50.87	Horizontal

7.1.3 Test Band = CDMAband BC10

7.1.3.1 Test Mode = CDMA/TM1

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1654.000	-62.26	-13.00	-49.26	Vertical
4136.850	-65.04	-13.00	-52.04	Vertical
9284.850	-64.47	-13.00	-51.47	Vertical
1654.000	-60.30	-13.00	-47.30	Horizontal
3301.275	-64.50	-13.00	-51.50	Horizontal
4136.362	-58.78	-13.00	-45.78	Horizontal



7.1.3.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1671.500	-61.55	-13.00	-48.55	Vertical
4178.287	-61.87	-13.00	-48.87	Vertical
10648.387	-63.92	-13.00	-50.92	Vertical
1671.500	-59.42	-13.00	-46.42	Horizontal
4178.287	-53.76	-13.00	-40.76	Horizontal
9240.000	-64.44	-13.00	-51.44	Horizontal

7.1.3.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1695.000	-60.74	-13.00	-47.74	Vertical
4237.275	-62.41	-13.00	-49.41	Vertical
9243.900	-64.44	-13.00	-51.44	Vertical
1695.000	-58.02	-13.00	-45.02	Horizontal
4237.275	-54.02	-13.00	-41.02	Horizontal
9265.350	-64.39	-13.00	-51.39	Horizontal

NOTE:

- 1) The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CDMA BC0	CDMA/TM1	LCH	TN	VL	2.28	0.00276	PASS
				VN	-0.38	-0.00046	PASS
				VH	0.02	0.00002	PASS
		MCH	TN	VL	1.83	0.00219	PASS
				VN	0.75	0.00090	PASS
				VH	-1.37	-0.00164	PASS
		HCH	TN	VL	1.64	0.00193	PASS
				VN	-2.64	-0.00311	PASS
				VH	-4.34	-0.00512	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CDMA BC1	CDMA/TM1	LCH	TN	VL	-4.32	-0.00233	PASS
				VN	-1.44	-0.00078	PASS
				VH	2.32	0.00125	PASS
		MCH	TN	VL	-5.84	-0.00311	PASS
				VN	2.34	0.00124	PASS
				VH	-0.75	-0.00040	PASS
		HCH	TN	VL	0.65	0.00034	PASS
				VN	-3.42	-0.00179	PASS
				VH	3.80	0.00199	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CDMAB10	CDMA/TM1	LCH	TN	VL	-3.35	-0.00410	PASS
				VN	-0.48	-0.00059	PASS
				VH	2.32	0.00284	PASS
		MCH	TN	VL	-3.85	-0.00469	PASS
				VN	1.34	0.00163	PASS
				VH	-2.45	-0.00299	PASS
		HCH	TN	VL	1.75	0.00213	PASS
				VN	-4.51	-0.00548	PASS
				VH	2.84	0.00345	PASS



8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CDMA BC0	CDMA/TM1	LCH	VN	-30	-4.75	-0.00576	PASS
				-20	2.60	0.00315	PASS
				-10	0.67	0.00081	PASS
				0	-2.68	-0.00325	PASS
				10	3.56	0.00432	PASS
				20	-4.80	-0.00582	PASS
				30	1.60	0.00194	PASS
				40	-2.04	-0.00247	PASS
				50	-6.01	-0.00729	PASS
		MCH	VN	-30	-3.20	-0.00383	PASS
				-20	-5.08	-0.00607	PASS
				-10	-1.39	-0.00166	PASS
				0	-3.38	-0.00404	PASS
				10	1.31	0.00157	PASS
				20	2.72	0.00325	PASS
				30	1.61	0.00192	PASS
				40	3.13	0.00374	PASS
				50	-4.35	-0.00520	PASS
		HCH	VN	-30	-2.17	-0.00256	PASS
				-20	3.68	0.00434	PASS
				-10	2.55	0.00301	PASS
				0	-5.52	-0.00651	PASS
				10	1.37	0.00161	PASS
				20	-2.78	-0.00328	PASS
				30	3.64	0.00429	PASS
				40	-4.63	-0.00546	PASS
				50	-2.60	-0.00306	PASS



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

Report No.: SZEM170300261304

Page: 60 of 61

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CDMA BC1	CDMA/TM1	LCH	VN	-30	-2.49	-0.00135	PASS
				-20	1.96	0.00106	PASS
				-10	-5.97	-0.00322	PASS
				0	0.59	0.00032	PASS
				10	-4.65	-0.00251	PASS
				20	-4.11	-0.00222	PASS
				30	-3.96	-0.00214	PASS
				40	-5.71	-0.00308	PASS
				50	-2.74	-0.00148	PASS
		MCH	VN	-30	-1.94	-0.00103	PASS
				-20	3.29	0.00175	PASS
				-10	-4.34	-0.00231	PASS
				0	1.75	0.00093	PASS
				10	-5.10	-0.00271	PASS
				20	-3.43	-0.00182	PASS
				30	-2.13	-0.00113	PASS
				40	-2.50	-0.00133	PASS
				50	-3.50	-0.00186	PASS
		HCH	VN	-30	-3.25	-0.00170	PASS
				-20	-6.34	-0.00332	PASS
				-10	-2.73	-0.00143	PASS
				0	-5.34	-0.00280	PASS
				10	1.62	0.00085	PASS
				20	-4.03	-0.00211	PASS
				30	-3.22	-0.00169	PASS
				40	-1.84	-0.00096	PASS
				50	-5.07	-0.00266	PASS



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

Report No.: SZEM170300261304
Page: 61 of 61

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CDMA BC10	CDMA/TM1	LCH	VN	-30	-3.43	-0.00419	PASS
				-20	-4.55	-0.00556	PASS
				-10	1.94	0.00237	PASS
				0	-3.47	-0.00424	PASS
				10	-2.58	-0.00315	PASS
				20	1.08	0.00132	PASS
				30	-3.84	-0.00469	PASS
				40	-5.30	-0.00648	PASS
				50	-4.34	-0.00531	PASS
		MCH	VN	-30	-2.92	-0.00356	PASS
				-20	1.27	0.00155	PASS
				-10	-5.43	-0.00662	PASS
				0	4.84	0.00590	PASS
				10	-3.23	-0.00394	PASS
				20	-6.59	-0.00803	PASS
				30	-2.27	-0.00277	PASS
				40	-8.13	-0.00991	PASS
				50	-4.11	-0.00501	PASS
		HCH	VN	-30	-2.35	-0.00286	PASS
				-20	3.63	0.00441	PASS
				-10	1.85	0.00225	PASS
				0	-5.34	-0.00649	PASS
				10	-2.18	-0.00265	PASS
				20	-4.16	-0.00505	PASS
				30	1.36	0.00165	PASS
				40	-2.92	-0.00355	PASS
				50	-4.24	-0.00515	PASS

The End